PARK & 3RD LOFTS

62 UNIT APARTMENT

ALEXANDRIA, MN



PROJECT TEAM:

GENERAL CONTRACTOR:	TBD
DEVELOPER:	PARK AND 3RD ALEXANDRIA LLC, MN 408 6TH ST. PRINSBURG, MN 56281 PHONE: (612) 804-3327 EMAIL: tim.lundgren@dunnck.com CONTACT: TIM LUNDGREN
ARCHITECT:	COLE GROUP ARCHITECTS 214 PARK AVENUE SOUTH SUITE 102 SAINT CLOUD, MN 56301 PHONE: (320) 654-6570 EMAIL: david@colegrouparhcitects.com PROJECT ARCHITECT: DAVID MAJCHRZAK
STRUCTURAL ENGINEER:	HERZOG ENGINEERING, LLC 530 N 3RD STREET SUITE 230 MINNEAPOLIS, MN 55401 PHONE: (612) 844-1234 EMAIL: josh@herzogengineering.com CONTACT: JOSH HERZOG
CIVIL ENGINEER:	LARSON ENGINEERING INC. 814 W ST. GERMAIN STREET SUITE 308 ST. CLOUD, MN. 56301 PHONE: (320) 774-1944 EMAIL: therkenhoff@larsonengr.com CONTACT: TOM HERKENHOFF
MECHANICAL ENGINEER:	DESIGN BUILD/DEFERRED SUBMITTAL
ELECTRICAL ENGINEER:	DESIGN BUILD/DEFERRED SUBMITTAL
PLUMBING ENGINEER:	DESIGN BUILD/DEFERRED SUBMITTAL
FIRE ALARM & FIRE SUPPRESSION CONSULTANT:	DESIGN BUILD/DEFERRED SUBMITTAL

DRAWING LOG

PERMIT SET- MARCH 11TH, 2025	
ADDENDUM #1 - STRUCTURAL ONLY	E -
A ADDENDUM #2 - AUGUST 20TH, 2025	G -
B ADDENDUM #3 - OCTOBER 3RD, 2025	H -
C ADDENDUM #4 - NOVEMBER 10TH, 2025	I -
D -	K -
E -	L -

SHEET INDEX

ARCHITECTURAL:

A001 PROJECT TEAM & SHEET INDEX
A002 CODE INFO
A010 OVERALL SITE PLAN
A011 ENLARGED SITE PLAN
L010 LANDSCAPE PLAN
A030 DETACHED GARAGE PLAN
A101 OVERALL FIRST FLOOR PLAN
A101A FIRST FLOOR PLAN AREA "A"
A101B FIRST FLOOR PLAN AREA "B"
A101C FIRST FLOOR PLAN AREA "C"
A102 OVERALL SECOND FLOOR PLAN
A102A SECOND FLOOR PLAN AREA "A"
A102B SECOND FLOOR PLAN AREA "B"
A102C SECOND FLOOR PLAN AREA "C"
A103 OVERALL THIRD FLOOR PLAN
A103A THIRD FLOOR PLAN AREA "A"
A103B THIRD FLOOR PLAN AREA "B"
A103C THIRD FLOOR PLAN AREA "C"
A104 ROOF PLAN
A201 UNIT PLANS
A202 UNIT PLANS
A203 UNIT PLANS
A301 ACCESSIBILITY DETAILS
A302 ACCESSIBILITY DETAILS
A401 DOOR AND WINDOW SCHEDULES
A501 EXTERIOR ELEVATIONS
A701 TYPICAL BUILDING CROSS SECTIONS
A720 STAIR SECTION
A730 ELEVATOR & REFUSE SECTION
A740 MAIN ENTRY LOBBY SECTION
A801 TYPICAL DETAILS
A802 TYPICAL DETAILS
A803 TYPICAL DETAILS
A804 FIRE WALL DETAILS
A805 FLAT ROOF DETAILS
A820 MANUFACTURED STONE DETAILS
A821 MANUFACTURED STONE DETAILS
A822 MANUFACTURED STONE DETAILS
A901 VERTICAL U.L. DETAILS
A902 HORIZONTAL U.L. DETAILS
A903 MISCELLANEOUS U.L. DETAILS

STRUCTURAL:

S000 GENERAL STRUCTURAL NOTES
S100 OVERALL FOUNDATION PLAN
S100A FOUNDATION PLAN - AREA A
S100B FOUNDATION PLAN - AREA B
S100C FOUNDATION PLAN - AREA C
S200A SECOND FLOOR FRAMING PLAN - AREA A
S200B SECOND FLOOR FRAMING PLAN - AREA B
S200C SECOND FLOOR FRAMING PLAN - AREA C
S300A THIRD FLOOR FRAMING PLAN - AREA A
S300B THIRD FLOOR FRAMING PLAN - AREA B
S300C THIRD FLOOR FRAMING PLAN - AREA C
S400A ROOF FRAMING PLAN - AREA A
S400B ROOF FRAMING PLAN - AREA B
S400C ROOF FRAMING PLAN - AREA C
S500 SHEAR WALL PLAN
S501 SHEAR WALL DETAILS
S600 FOUNDATION DETAILS
S601 FRAMING DETAILS

CIVIL:

C000 OVERALL SITE PLAN
C100 DEMOLITION PLAN
C101 DEMOLITION PLAN
C102 DEMOLITION PLAN
C200 PAVING & DIMENSION PLAN
C201 PAVING & DIMENSION PLAN
C202 PAVING & DIMENSION PLAN
C300 GRADING AND EROSION CONTROL PLAN
C301 GRADING AND EROSION CONTROL PLAN
C302 GRADING AND EROSION CONTROL PLAN
C400 UTILITY PLAN
C401 UTILITY PLAN
C402 UTILITY PLAN
C500 DETAILS
C501 DETAILS
C502 DETAILS
C600 SWPPP
C601 SWPPP

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Saint Cloud, MN. 56301
(320) 654-6570
www.colegrouparchitects.com

LICENSED ARCHITECT 50301 DAVID MAJCHRZAK STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA

Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK &
3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS
1 ADDENDUM #1	

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

A001

PLOTTED: 11-10-25 FILE: 24022E COM.5

PARK & 3RD LOFTS
62 UNIT APARTMENT
ALEXANDRIA, MN

CODE SUMMARY

1. BUILDING DESCRIPTION:

A NEW 3 STORY 75,866 GROSS S.F. 62 UNIT APARTMENT BUILDING INCLUDING 10,578 S.F. OF TUCK UNDER GARAGES.

2. BLDG. SUMMARY:

2020 MINNESOTA STATE BUILDING CODE, AND OTHER RELATED CODES.

A. CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

R-2 OCCUPANCY - APARTMENT HOUSE - (SECTION 310.3)
S-2 OCCUPANCY - PARKING GARAGE - (SECTION 311.3)
NOTE: COMMUNITY RM (A-3) CONSIDERED PART OF MAIN OCCUPANCY I.B.C. 303.1.2

B. CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS BASE ON USE AND OCCUPANCY

- WALLS SEPARATING DWELLING UNITS IN R-2 CONSTRUCTED AS FIRE PARTITIONS (SECTION 420.2)
- FIRE & SMOKE ALARMS PER 907.2.9 DESIGNED BY OTHERS
- AUTOMATIC SPRINKLER REQUIRED FOR R-2 (I.B.C. SECTION 903.3.1.2 NFPA 13R)

C. CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

ALLOWABLE HEIGHT: (TABLEs 504.3 & 504.4)
R2 OCCUPANCY ALLOWED: 4 STORIES OR 60'-0"
R2 OCCUPANCY ACTUAL: 3 STORIES & 40'-0"
S2 OCCUPANCY ALLOWED: 5 STORIES OR 70'-0"
S2 OCCUPANCY ACTUAL: 1 STORY & 9'-0"

ALLOWABLE AREA: (TABLE 506.2)

506.2.4 MIXED-OCCUPANCY
S-2 AREA INCREASE:
63,000 + (21,000 X 0.75) = 78,750 S.F.

R-2 AREA INCREASE:
12,000 + (12,000 X 0.75) = 21,000 S.F.

EQUATIONS 5-4 & 5-5 (FRONTAGE INCREASE)
AVG. WIDTH (W) = [('A' X 30') + ('B' X 30') + ('C' X 30') + ('D' X 30')/A+B+C+D
AVG. WIDTH (W) = 30'

$$\left[\frac{F}{P} - 0.25\right]\frac{W}{30} \quad \text{IF} = 75 \text{ (MAX)}$$

$$\left[\frac{A+B+C+D}{TOTAL} - 0.25\right]\frac{30'}{30'} \quad \text{IF} = 75$$

NOTE: A TWO HOUR AREA SEPARATION FIRE WALL IS PROVIDED BUILDING SEPARATED INTO (2) FIRE AREAS = "A" & "B"

ALLOWABLE FLOOR AREA (R-2) OCC:	21,000 S.F.
ACTUAL FIRE AREA "A" FLOOR AREA (FIRST FLOOR ONLY):	11,351 S.F.
FIRST FLOOR RATIO CALCULATION: R-2 = 11,351 / 21,000 = 0.54 (ACTUAL / ALLOWABLE)	
ACTUAL FIRE AREA "B" FLOOR AREA (FIRST FLOOR ONLY):	4,700 S.F.
FIRST FLOOR RATIO CALCULATION: R-2 = 4,700 / 21,000 = 0.32 (ACTUAL / ALLOWABLE)	
ALLOWABLE FLOOR AREA (S-2) OCC:	78,750 S.F.
ACTUAL FIRE AREA "A" FLOOR AREA (FIRST FLOOR ONLY):	5,182 S.F.
FIRST FLOOR RATIO CALCULATION: S-2 = 5,182 / 78,750 = 0.07 (ACTUAL / ALLOWABLE)	
ACTUAL FIRE AREA "B" FLOOR AREA (FIRST FLOOR ONLY):	5,396 S.F.
FIRST FLOOR RATIO CALCULATION: S-2 = 5,396 / 78,750 = 0.07 (ACTUAL / ALLOWABLE)	
TOTAL FIRST FLOOR FIRE AREA "A" RATIO CALCULATION: 0.54 + 0.07 = 0.61 (1	
TOTAL FIRST FLOOR FIRE AREA "B" RATIO CALCULATION: 0.32 + 0.07 = 0.49 (1	
ALLOWABLE FLOOR AREA (R-2) OCC:	21,000 S.F.
ACTUAL FIRE AREA "A" FLOOR AREA (LARGEST FLOOR 2ND FLOOR):	16,599 S.F.
ALLOWABLE FLOOR AREA (R-2) OCC:	21,000 S.F.
ACTUAL FIRE AREA "B" FLOOR AREA (LARGEST FLOOR 2ND FLOOR):	12,309 S.F.

ACCESSORY USE SEPARATION: (SECTION 508.2)

B OCCUPANCY LESS THAN 750 S.F.
CAN BE CONSIDERED PART OF THE MAIN OCCUPANCY (I.B.C. 303.1.2)
NO SEPARATION REQUIRED

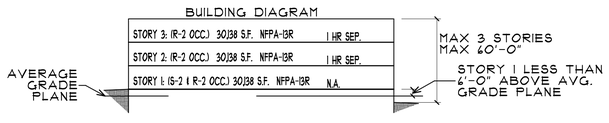
NO SEPARATION REQUIRED BETWEEN A3 & R2 OCCUPANCY
A3 IS ACCESSORY USE UNDER 10% OF FLOOR AREA (I.B.C. 508.2.3)
774 S.F./ 16,533 S.F. = 0.04 = 4% (OKAY)

AN AUTOMATIC FIRE SPRINKLER SYSTEM IS PROVIDED AT INCIDENTAL USE ROOMS OVER 100 S.F. (TABLE 509)

OCCUPANCY SEPARATION (SECTION 508.4):

ONE HOUR SEPARATION BETWEEN S-2 & R-2 ON FIRST FLOOR
R-2 ONLY OCCUPANCY ON UPPER LEVELS

BUILDING DIAGRAM



D. CHAPTER 6 - TYPE OF CONSTRUCTION

TYPE V-A ONE HOUR (I.B.C. SECTION 602.5) AT ENTIRE BUILDING
BEARING WALLS TO BE CONSTRUCTED AS 1-HOUR PARTITIONS (NO OPENING PROTECTION REQ'D.)

BUILDING GROSS S.F.			
	BUILDING "A"	BUILDING "B"	TOTAL
FIRST FLOOR	16,533 SF	12,095 SF	28,628 SF
SECOND FLOOR	16,599 SF	12,309 SF	28,908 SF
THIRD FLOOR	16,599 SF	12,309 SF	28,908 SF
TOTAL	49,731 SF	36,713 SF	86,444 SF

E. CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

706 FIRE WALLS - 2 HR. RATED (TABLE 706.4)
707 FIRE BARRIER - 1 HR RATED (SECTION 713)
PROVIDED AT STAIRWAY, TRASH & ELEVATOR SHAFTS.
707 FIRE BARRIER - 1 HR RATED (TABLE 508.4)
PROVIDED BETWEEN GARAGE (S-2) & APARTMENT (R-2)
708 FIRE PARTITION - 1 HR RATED (SECTION 420.2)
PROVIDED AT WALLS SEPARATING DWELLING UNITS.
709 SMOKE BARRIER - 1 HR RATED (SECTION 709.3)
SEE PLAN FOR LOCATION

F. CHAPTER 8 - INTERIOR FINISHES

ALL FINISHES SHALL COMPLY WITH INTERIOR FINISH REQUIREMENTS, FLAME SPREAD RATINGS ETC.
CLASS A - FLAME SPREAD INDEX 0-25, SMOKE DEVELOPED INDEX 0-450
CLASS B - FLAME SPREAD INDEX 26-75, SMOKE DEVELOPED INDEX 0-450
CLASS C - FLAME SPREAD INDEX 76-200, SMOKE DEVELOPED INDEX 0-450

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY[k]

	SPRINKLERED BUILDING[l]		
GROUP	INTERIOR EXIT STAIRS, RAMPS & PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIR & RAMPS	ROOMS AND ENCLOSED SPACES
R-2	C	C	C
B	B	C	C
S-2	C	C	C

k Finish materials as provided for in other sections of the code.
l Applies when protected by an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.

G. CHAPTER 9 - FIRE PROTECTION SYSTEMS

BUILDINGS WITH R2 OCCUPANCIES REQUIRE A FIRE SPRINKLER SYSTEM - PROVIDE PER NFPA-13R (SECTION 903.3.1.2)
R-2 FIRE ALARM & SMOKE ALARMS W/ MANUAL FIRE ALARM SYSTEM PER 907.2.9.1 (DESIGNED BY OTHERS)

H. CHAPTER 10 - MEANS OF EGRESS (TABLE 1004.5)

THIRD FLOOR:

FIRE AREA "A":
R-2 OCCUPANCY: 16,151 S.F.
16,151 S.F./200 S.F. PER OCC. = 81
COWORKING SPACE: 448 S.F.
448 S.F./150 S.F. PER OCC. = 3
(2) EXITS REQUIRED, (2) EXITS PROVIDED.
(1) INT. STAIR EXIT & (1) HOR. EXIT

FIRE AREA "B":
R-2 OCCUPANCY: 12,309 S.F.
12,309 S.F./200 S.F. PER OCC. = 62
(2) EXITS REQUIRED, (2) EXITS PROVIDED.
(1) INT. STAIR EXIT & (1) HOR. EXIT

SECOND FLOOR:

FIRE AREA "A":
R-2 OCCUPANCY: 15,663 S.F.
15,663 S.F./200 S.F. PER OCC. = 79
BUSINESS CENTER: 448 S.F.
448 S.F./150 S.F. PER OCC. = 3
ENTERTAINMENT ROOM: 456 S.F.
456 S.F./15 S.F. PER OCC. = 31
(2) EXITS REQUIRED, (2) EXITS PROVIDED.
(1) INT. STAIR EXIT & (1) HOR. EXIT

FIRE AREA "B":
R-2 OCCUPANCY: 12,309 S.F.
12,309 S.F./200 S.F. PER OCC. = 62
(2) EXITS REQUIRED, (2) EXITS PROVIDED.
(1) INT. STAIR EXIT & (1) HOR. EXIT

FIRST FLOOR:

FIRE AREA "A":
R-2 OCCUPANCY: 15,457 S.F.
15,457 S.F./200 S.F. PER OCC. = 79
S-2 OCCUPANCY: 5,182 S.F.
5,182 S.F./200 S.F. PER OCC. = 26
COMMUNITY ROOM: 774 S.F.
774 S.F./15 S.F. PER OCC. = 52
FITNESS CENTER: 700 S.F.
700 S.F./50 S.F. PER OCC. = 14
TOTAL OCC. = 171
(2) EXITS REQUIRED, (2) EXITS PROVIDED.
(1) INT. STAIR EXIT & (1) HOR. EXIT
TOTAL OCC. ALL FLOORS = 368
APARTMENT EXIT DOOR LOAD (I.B.C. SECTION 1005.3.2)
REQUIRED DOOR WIDTH = .2 x 368 =73.6"
PROVIDED DOOR WIDTH = 108"

FIRE AREA "B":
R-2 OCCUPANCY: 4,700 S.F.
4,700 S.F./200 S.F. PER OCC. = 34
S-2 OCCUPANCY: 5,396 S.F.
5,396 S.F./200 S.F. PER OCC. = 27
TOTAL OCC. = 61
(2) EXITS REQUIRED, (2) EXITS PROVIDED.
(1) INT. STAIR EXIT & (1) HOR. EXIT
TOTAL OCC. ALL FLOORS = 185
APARTMENT EXIT DOOR LOAD (I.B.C. SECTION 1005.3.2)
REQUIRED DOOR WIDTH = .2 x 185 = 37"
PROVIDED DOOR WIDTH = 72"

J. CHAPTER 11 - ACCESSIBILITY

ALL INTERIOR AND EXTERIOR COMMON AREA SPACES SHALL COMPLY
REQUIRED UNIT TYPES:
R-2 REQUIRES 2% TYPE "A" UNITS THE REMAINDER TYPE "B" UNITS
62 TOTAL UNITS PROVIDED ON SITE (SECTION 1107.7.2)
2 TYPE "A" UNITS ARE REQUIRED - 2 TYPE "A" UNITS ARE PROVIDED
IN THE APARTMENT BUILDING THE REMAINDER ARE TYPE "B" UNITS.

K. CHAPTER 29 - PLUMBING SYSTEMS

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1):

R-2 (APARTMENT) = (1) WATER CLOSET, (1) LAVATORY, (1) BATH TUB OR SHOWER
(1) KITCHEN SINK PER UNIT, & (1) CLOTHES WASHER CONNECTION PER 20 DWELLING UNITS

B (OFFICE) = (1/25) WATER CLOSET, (1/40) LAVATORY EA. M & W
3/25 = .12 W/C & 3/40 = .07 LAV EA.

A3 (COMM. RM.) = (1/125 M & 1/65 W) WATER CLOSET, (1/200) LAVATORY
42/125 = .34 W/C(M) + 42/65 = .64 W/C(W) AND 42/200 = .21 LAV EA.

MEN .12 + .34 = .46 OR 1 W/C & WOMEN .12 + .64 = .76 OR 1 W/C - 1 EA. PROVIDED
MEN .07 + .21 = .28 OR 1 LAV & WOMEN .07 + .21 = .28 OR 1 LAV - 1 EA. PROVIDED
B OCC. (1) SERVICE SINK REQUIRED, (3) SERVICE SINKS PROVIDED.

L. RADON MITIGATION (MINNESOTA HOUSING'S RADON POLICY):

- ADD PASSIVE RADON MITIGATION (EVERY 4,000 S.F. OF SLAB ON GRADE)
FIRST FLOOR R-2 OCCUPANCY: 18,050 S.F./4,000 = 4.5 (5)
SEE RADON DETAIL ON SHEET A802

M. 2020 MN RESIDENTIAL ENERGY CODE (PRESCRIPTIVE METHOD - TABLE R402.1.1)
CITY OF ALEXANDRIA, MN - DOUGLAS COUNTY (ZONE 6a)

CATEGORY	FENESTRATION	CEILING	WOOD FRAME WALL	SLAB & DEPTH
REQUIRED	0.32 U-FACTOR	R-49	R-20 CAVITY, 13+5	R10/3.5 FT
PROVIDED	0.30 OR LOWER	R-49	R-21 CAVITY	R10/5 FT

*R-VALUES ARE MINIMUMS, U-FACTORS ARE MAXIMUMS

N. RECYCLING SPACE (MN ADMIN RULES 1303.1500)

AREA CALCULATIONS BASE ON USE:
GARAGE AND MECHANICAL AREAS @ .001
10,518 S.F. + 410 S.F. = 10,988 S.F. x .001 = 10.988 S.F. REQ'D.
APARTMENT, OFFICE AND ALL OTHER AREAS @ .0025
75,456 S.F. x .0025 = 188.64 S.F. REQ'D.
TOTAL ALL AREAS = 200 S.F. REQUIRED - PROVIDED 220 S.F.
SPACE IS PROVIDED IN THE REFUSE ROOM ON FIRST FLOOR

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. in the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. ©COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS, LLC.
214 Park Avenue South
Suite 102
Willmar, MN 56201
(320) 634-4570
www.colegrouparchitects.com

LICENSED ARCHITECT
DAVID J. MAJCHRZAK
50301
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

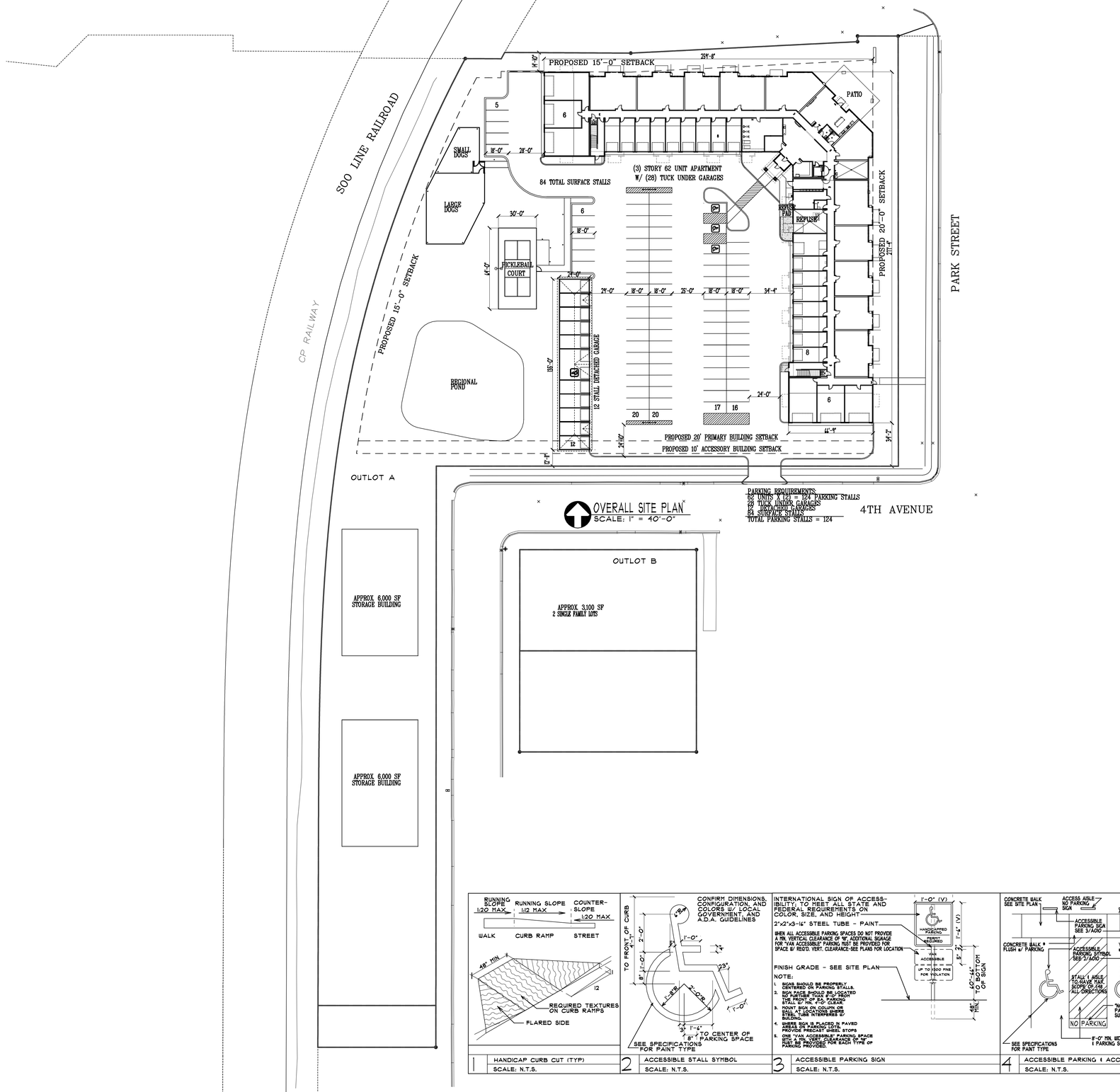
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

A002

PLOTTED: 03-11-25 FILE: 24022E COM.S



OVERALL SITE PLAN
SCALE: 1" = 40'-0"

1	HANDICAP CURB CUT (TYP)	2	ACCESSIBLE STALL SYMBOL	3	ACCESSIBLE PARKING SIGN	4	ACCESSIBLE PARKING & ACCESS AISLE
	SCALE: N.T.S.		SCALE: N.T.S.		SCALE: N.T.S.		SCALE: N.T.S.

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

COLE GROUP
ARCHITECTS LLC.
314 Park Avenue South
Suite 400
Sauk Cloud, MN 56301
(320) 654-6510
www.colegrouparchitects.com

DAVID MAJCHRZAK
LICENSED ARCHITECT
49361
10/10/25
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

REVISIONS COMMENTS	

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

PLOTTED: 03-11-25 FILE: 24022S COM: 5

A010

SITE PLAN NUMBER NOTES:

1. PROPERTY LINE, VERIFY WITH SURVEY.
2. SETBACK LINE, SHOWN DASHED.
3. CONCRETE PAD FOR REFUSE PICKUP FLUSH W/ DRIVE.
4. 10' HIGH BLACK VINYL CHAIN LINK FENCE.
5. PICKLEBALL COURT W/ STRIPING ON PAVEMENT. VERIFY EXTENTS & EQUIPMENT W/ OWNER. CONT. ALT: SPORT COURT TILES OVER CONCRETE SLAB.
6. ACCESSIBLE CONCRETE SIDEWALK WITH 1:20 MAX. SLOPE. VERIFY WITH CIVIL PLANS.
7. STRIPED CROSS WALK THIS AREA. VERIFY W/ OWNER.
8. GREEN SPACE THIS AREA, LANDSCAPING TO MEET CITY REQUIREMENTS.
9. MONUMENT SIGN TO MEET CITY REQTS. - SEE DRAWINGS BY SIGN VENDOR.- PROVIDE ELECT. VERIFY LOCATION WITH G.C.
10. NEW 5' CITY SIDEWALK. VERIFY/ REQMTS. W/ CITY.
11. DOG PARK: ROCK MULCH PEAROCK. VERIFY W/ OWNER.
12. CURB CUT PER CITY SPECS. VERIFY WITH CIVIL PLANS.
13. 4' HIGH BLACK VINYL CHAIN LINK FENCE.
14. PROVIDE VESTIBULE ENTRY IN DOG PARK W/ (2) SELF-CLOSING 4'-0" WIDE GATES.
15. BITUMINOUS PARKING AND DRIVE - SEE CIVIL PLANS.
16. CONCRETE STOOP. SEE STRUCTURAL PLANS.
17. STORM RETENTION POND, SEE CIVIL PLANS.
18. 2' CONCRETE APRON. SLOPE AWAY FROM BUILDING.
19. GAS BBQ GRILL WITH SHUT-OFF TIMER.
20. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
21. FIRE DEPARTMENT BUILDING CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
22. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
23. CONCRETE CURB & GUTTER, SEE CIVIL DRAWINGS.
24. PAINTED PARKING STRIPES.
25. PROVIDE ACCESSIBLE CURB CUT, SEE DETAIL 1/A010.
26. STRIPPED AREA FOR NO PARKING.
27. ROUGH-IN FOR FUTURE ELECTRIC CAR CHARGING STATION. VERIFY W/ OWNER.
28. ALT. FOR 6' X 6' VINYL PRIVACY FENCE.
29. 4' WIDE, SELF CLOSING GATE.
30. DEPRESSED/ LOW PROFILE CURB THIS AREA. SEE CIVIL PLANS.
31. PARKING LOT LIGHTING. VERIFY W/ OWNER & ELECT. CONT.
32. LANDSCAPE LIGHT BOLLARD. VERIFY W. OWNER & ELECT. CONT.

MN HWY 27

SOO LINE RAILROAD

CP RAILWAY

PROPOSED 15'-0" SETBACK

PROPOSED 15'-0" SETBACK

PARK STREET

4TH AVENUE

OUTLOT A

PATIO

LOBBY

MOVE-IN CORRIDOR

REFUSE

REFUSE PAD

84 TOTAL SURFACE STALLS

(3) STORY 62 UNIT APARTMENT W/ (28) TUCK UNDER GARAGES

SMALL DOGS

LARGE DOGS

PICKLEBALL COURT

REGIONAL POND

12 STALL DETACHED GARAGE

PROPOSED 20' PRIMARY BUILDING SETBACK

PROPOSED 10' ACCESSORY BUILDING SETBACK

4 SIM A010

PARKING REQUIREMENTS:
62 UNITS X (2) = 124 PARKING STALLS
28 TUCK UNDER GARAGES
12 DETACHED GARAGES
84 SURFACE STALLS
TOTAL PARKING STALLS = 124

SITE PLAN
SCALE: 1" = 20'-0"

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. hereness. --- COPYRIGHT 2025 Cole Group Architects, Inc

COLE GROUP
ARCHITECTS LLC.
504 Park Avenue South
Suite 103
Sant. Cloud, MN 56301
(320) 654-6570
www.colegrouparchitects.com

DAVID MAJCHRZAK LICENSED ARCHITECT 56281 10/10/25 STATE OF MINNESOTA

These documents are not valid for bulding permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA

Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING.

PARK & 3RD LOFTS

ALEXANDRIA, MN

REVISIONS COMMENTS
REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

A011

PLOTTED: 03-11-25 FILE: 240225 COM: 5

PLANTING SCHEDULE

TYPE	QUANTITY	LETTER	SYMBOL	COMMON NAME	BOTANICAL NAME	MIN. HT. AT TIME OF PLANT	CALIPER	APPROX. MATURE HEIGHT	ROOT	REMARKS
OVERSTORY DECIDUOUS	2	A		AUTUMN BLAZE MAPLE	Acer rubrum 'Autumn Blaze'	–	2 1/2"	–	B & B	STRAIGHT LEADER AND FULL CROWN
	3	B		LITTLE LEAF LINDEN	Tilia cordata	–	2 1/2"	–	B & B	STRAIGHT LEADER AND FULL CROWN
	3	C		CRIMSON KING MAPLE	Acer platanoides	–	2 1/2"	–	B & B	STRAIGHT LEADER AND FULL CROWN
	8	DECIDUOUS TREES PROVIDED								
DECIDUOS ORNAMENTAL TREES	5	D		GINNALA AMUR MAPLE	Acer ginnala	–	1 1/2"	–	B & B	STRAIGHT LEADER AND FULL CROWN
	4	E		SUNBURST HONEYLOCUST	Gleditsia Triacanthos	–	2"	–	B & B	STRAIGHT LEADER AND FULL CROWN
	9	DECIDUOUS TREES PROVIDED								
CONIFEROUS TREES	1	F		BLACK HILLS SPRUCE	Picea glauca densata	6'-0"	–	–	B & B	STRAIGHT LEADER
	2	G		COLORADO BLUE SPRUCE	Picea pungens	6'-0"	–	–	B & B	STRAIGHT LEADER
	3	CONIFEROUS TREES PROVIDED								
DECIDUOUS SHRUBS	9	H		GOLD MOUND SPIREA	Spiraea bumalda 'goldmound'	24"	–	–	POTTED	–
	12	J		NINEBARK SUMMER WINE	Physocarpus opulifolius	24"	–	–	POTTED	–
	24	K		COMPACT PJM RHODODENDRON	Spiraea bumalda 'goldmound'	24"			POTTED	–
	45	TOTAL DECIDUOUS SHRUBS PROVIDED								
EVERGREEN SHRUBS	10	L		DWARF GOLDEN ARBORVITAE	Thuja occidentalis "Golden Globe"	24"	–	–	POTTED	–
	40	M		SAVIN JUNIPER	Juniperus sabina	24"	–	–	POTTED	–
	X	N		SHRUBS AS REQ'D FOR HEDGE SCREENING		–	–	–	POTTED	–
	50	TOTAL EVERGREEN SHRUBS PROVIDED								

LANDSCAPE PLAN NUMBER NOTES

1. AREA TO BE PRAIRE GRASS.
2. LANDSCAPE CLOTH, W/ ROCK MULCH THIS AREA SHOWN HATCHED. VERIFY W/ OWNER.
3. VINYL LANDSCAPE EDGING 36" OUT FROM BUILDING.
4. AREA TO BE SODDED.
5. AREA TO BE CONCRETE.
6. ROCK MULCH PEAROCK THIS AREA SHOWN HATCHED. VERIFY W/ OWNER.

GENERAL NOTE:

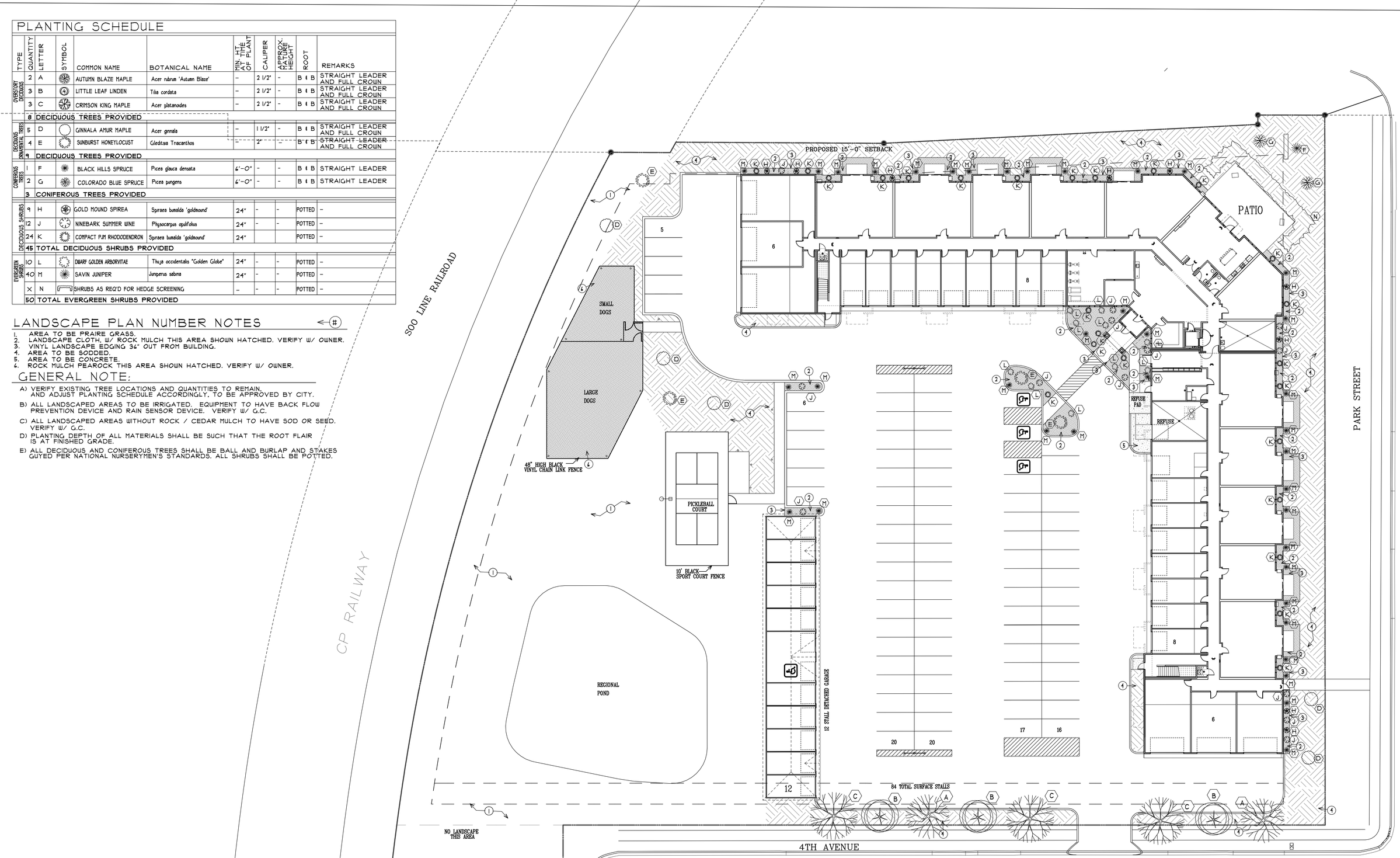
A) VERIFY EXISTING TREE LOCATIONS AND QUANTITIES TO REMAIN, AND ADJUST PLANTING SCHEDULE ACCORDINGLY, TO BE APPROVED BY CITY.

B) ALL LANDSCAPED AREAS TO BE IRRIGATED. EQUIPMENT TO HAVE BACK FLOW PREVENTION DEVICE AND RAIN SENSOR DEVICE. VERIFY W/ G.C.

C) ALL LANDSCAPED AREAS WITHOUT ROCK / CEDAR MULCH TO HAVE SOD OR SEED. VERIFY W/ G.C.

D) PLANTING DEPTH OF ALL MATERIALS SHALL BE SUCH THAT THE ROOT FLAIR IS AT FINISHED GRADE.

E) ALL DECIDUOUS AND CONIFEROUS TREES SHALL BE BALL AND BURLAP AND STAKES GUYED PER NATIONAL NURSERYMEN'S STANDARDS. ALL SHRUBS SHALL BE POTTED.



LANDSCAPE PLAN
SCALE: 1" = 20'-0"

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. — COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS LLC.
211 Park Avenue South
Suite 102
Stillwater, MN 55301
(320) 484-4510
www.colegrouparchitects.com

DAVID J. MAJCHRZAK LICENSED ARCHITECT 46281 DATE 03/11/25 STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.

Name DAVID J. MAJCHRZAK

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 604-3327

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
1

PLOTTED: 03-11-25 FILE: 24022S COM: 5

L010

CODE SUMMARY

1. BUILDING DESCRIPTION:

A NEW (1) STORY 3,240 S.F. PRIVATE PARKING GARAGE.

2. BLDG. SUMMARY:

2020 MINNESOTA STATE BUILDING CODE, AND OTHER RELATED CODES.

A. CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
- U OCCUPANCY - PRIVATE PARKING GARAGE - (SECTION 312)

B. CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

ALLOWABLE HEIGHT & AREA: (TABLE 504.3, 504.4 & 506.2)
- U OCCUPANCY HEIGHT ALLOWED: 1 STORY OR 40'-0"
- U OCCUPANCY ACTUAL HEIGHT: 1 STORY & 11'-0"
- U OCCUPANCY AREA ALLOWED: 5,500 SF
- U OCCUPANCY ACTUAL AREA: 3,240 SF

ALLOWABLE AREA:

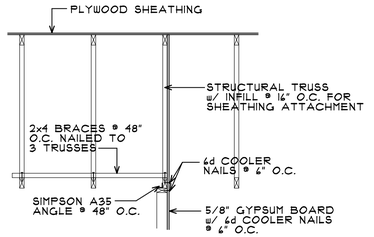
EACH PRIVATE GARAGE SHALL NOT BE GREATER THAN 1,000 S.F. IN AREA MULTIPLE PRIVATE GARAGES ARE PERMITTED IN A BUILDING WHERE EACH PRIVATE GARAGE IS SEPARATED FROM THE OTHER PRIVATE GARAGES BY ONE HOUR FIRE BARRIERS I.B.C. 406.3.1

C. CHAPTER 6 - TYPE OF CONSTRUCTION
TYPE V-B (NOT RATED)

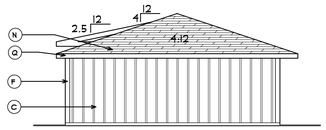
D. CHAPTER 9 - FIRE PROTECTION SYSTEMS
SPRINKLER SYSTEM NOT REQUIRED

EXTERIOR MATERIAL SCHEDULE:	
KEY	ITEM
A	PRE-FABRICATED METAL COPING FLASHING
B	HORIZONTAL LAP LP SMART SIDING - 5"- COLOR #1
C	VERTICAL BOARD & BATTEN LP SMART SIDING - COLOR #3
D	PRE-FINISHED METAL CAP FLASHING
E	LP SMARTSIDE PANEL
F	CORNER TRIM - 6" - COLOR TO MATCH ADJ. MATERIAL.
G	MANUFACTURED STONE VENEER
H	MANUFACTURED STONE CAP/SILL
J	INSULATED STEEL OVERHEAD DOORS
K	AC UNIT - CONT. ALT: PAINT TO MATCH ADJACENT MATERIAL COLOR
L	VINYL WINDOW WITH 4" TRIM
M	-
N	ASPHALT SHINGLES
P	CONTINUOUS RIDGE VENT
Q	PRE-FINISHED FASCIA & SOFFIT PANEL BELOW
R	PRE-FABRICATED ALUMINUM SUSPENSION DECKS
S	-
T	TRIM BOARD
U	DECORATIVE BRACKET
V	HORIZONTAL LAP LP SMART SIDING - 5" - COLOR #2
W	VERTICAL BOARD & BATTEN LP SMART SIDING - COLOR #4

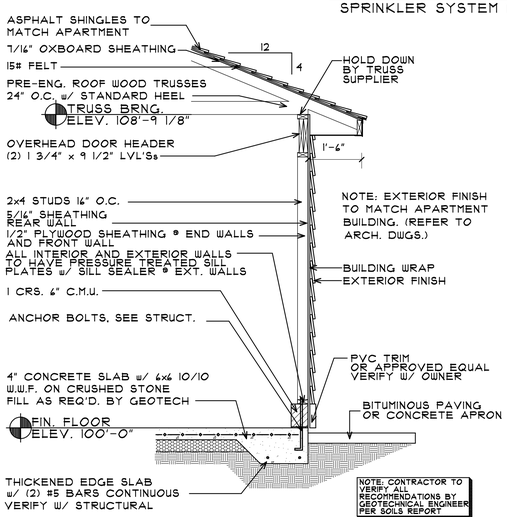
CONT. ALT: JAMES HARDIE IN LIEU OF LP OR APPROVED EQUAL



3 SHEATHING ATTACHMENT DETAIL
NO SCALE

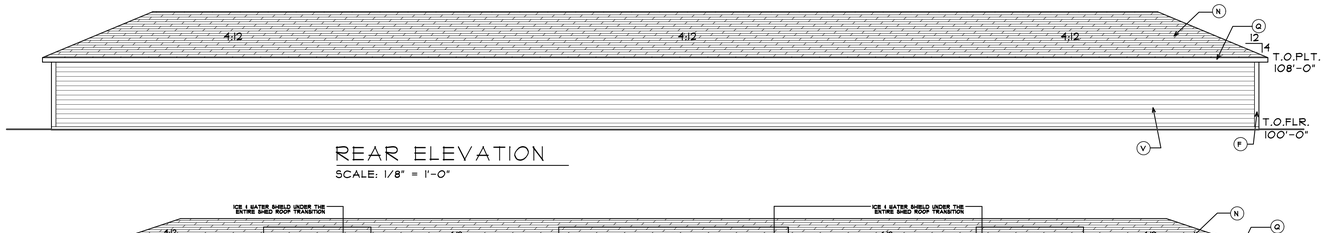


END ELEVATION
SCALE: 1/8" = 1'-0"

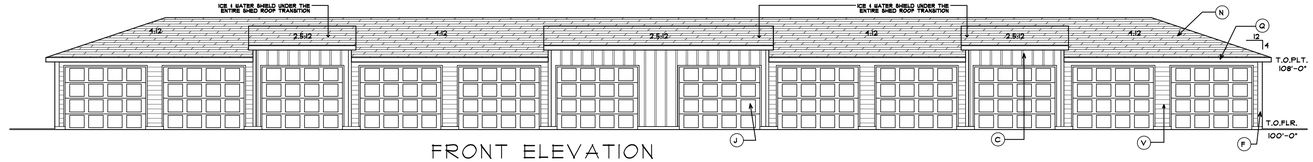


WALL SECTION
SCALE: 1/2" = 1'-0"

NOTE:
VERIFY FINISH FLOOR ELEVATION FOR EACH GARAGE W/ CIVIL PLANS



REAR ELEVATION
SCALE: 1/8" = 1'-0"

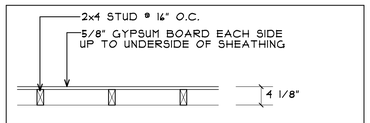


FRONT ELEVATION
SCALE: 1/8" = 1'-0"

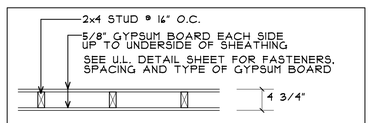
WALL KEY

1 HOUR RATED FIRE SEPARATION WALL, MUST EXTEND FROM TOP OF FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE

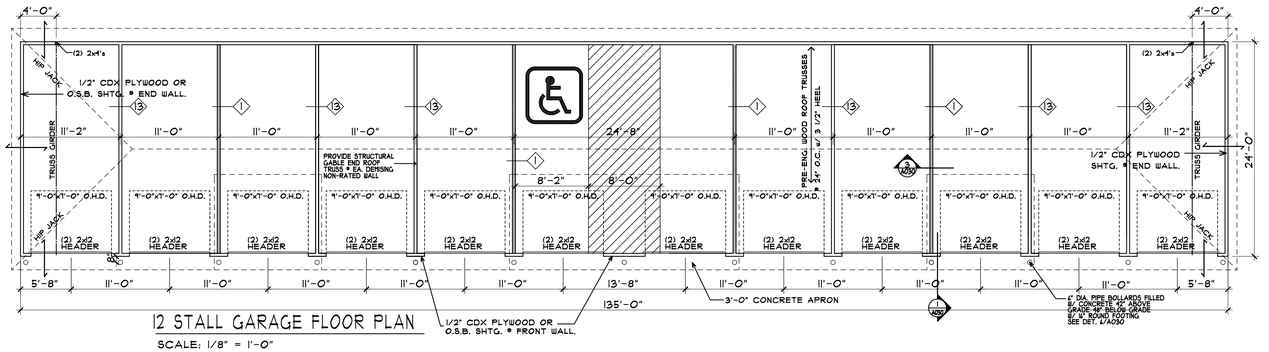
NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL



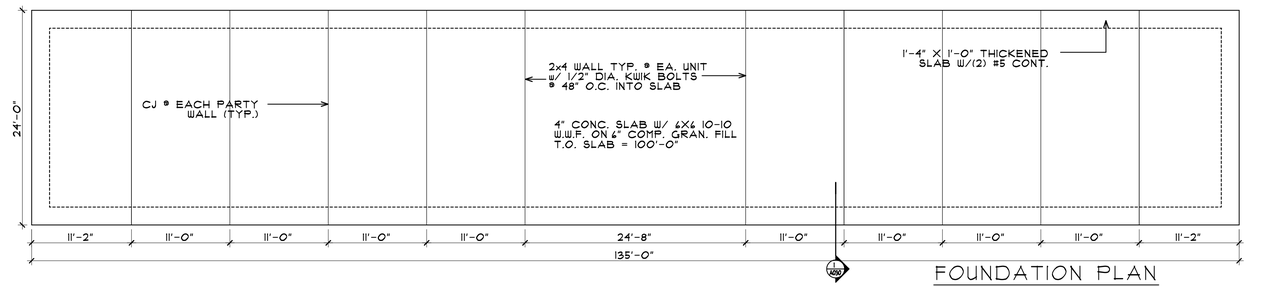
13 WALL TYPE	S.T.C. - 35
SCALE: 3/4"=1'-0"	RATING - NONE (LOAD BEARING)
	U.L. DESIGN NO.



1 WALL TYPE	S.T.C. 35
SCALE: 3/4"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
	U.L. DESIGN NO. U305 GA FILE NO. WP 3605 OR WP 3614



12 STALL GARAGE FLOOR PLAN
SCALE: 1/8" = 1'-0"



FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

COLE GROUP ARCHITECTS, LLC.
301 Park Avenue South, Suite 102, Saint Cloud, MN. 56301
(320) 654-4510
www.colegrouparchitects.com

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. TRAUCHRZAK
LICENSED ARCHITECT 56361 DATE OF MINNESOTA

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the events of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

DEVELOPER:
PARK & THIRD LLC, MN
ALEXANDRIA, LLC,
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

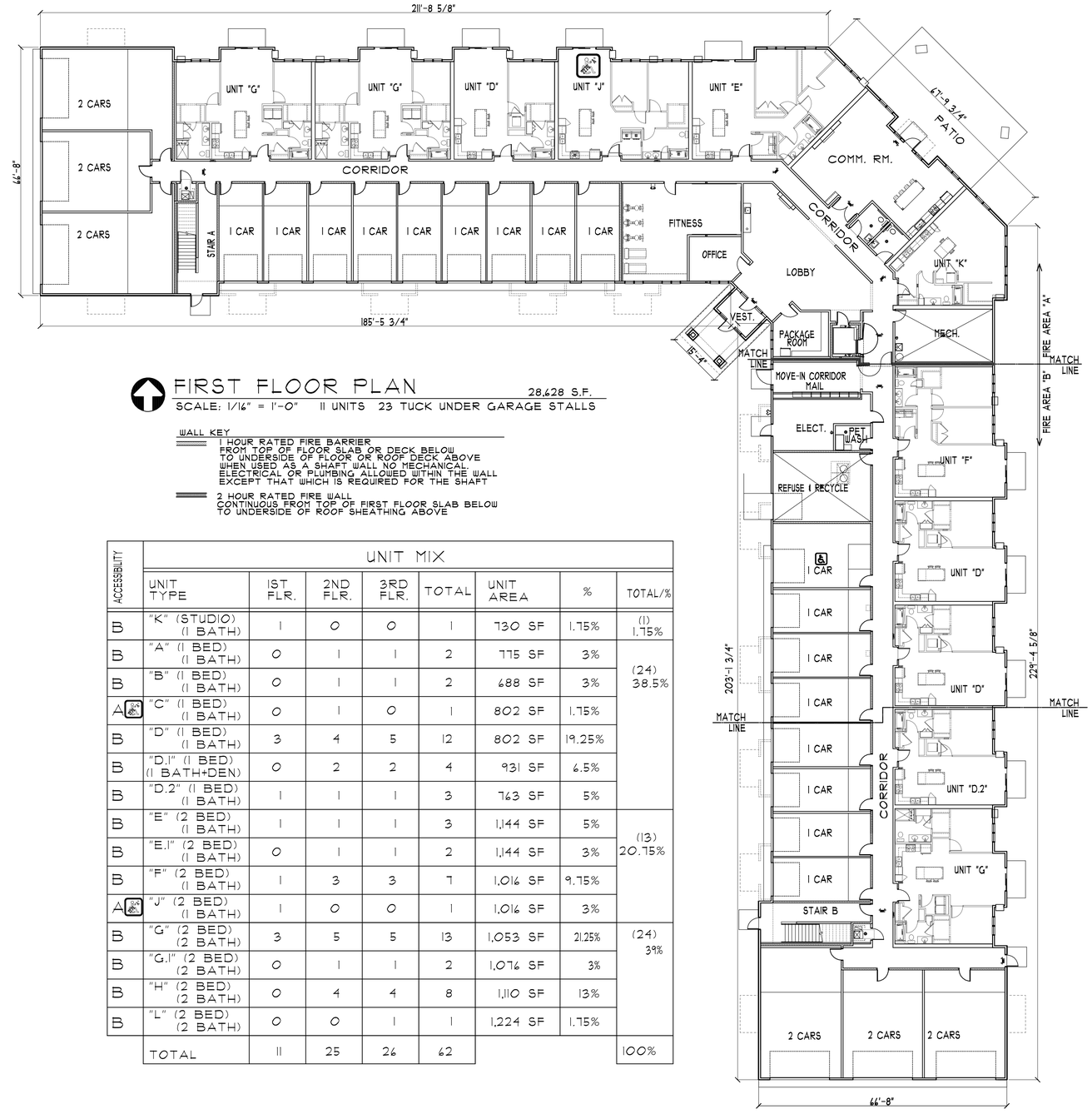
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

A030

PLOTTED: 03-11-25 FILE: 24022A02 COM: 5



FIRST FLOOR PLAN

28,628 S.F.

SCALE: 1/16" = 1'-0" 11 UNITS 23 TUCK UNDER GARAGE STALLS

WALL KEY

1 HOUR RATED FIRE BARRIER
FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL
CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

ACCESSIBILITY	UNIT MIX							
	UNIT TYPE	1ST FLR.	2ND FLR.	3RD FLR.	TOTAL	UNIT AREA	%	TOTAL/%
B	"K" (STUDIO) (1 BATH)	1	0	0	1	730 SF	1.75%	(1) 1.75%
B	"A" (1 BED) (1 BATH)	0	1	1	2	775 SF	3%	(24) 38.5%
B	"B" (1 BED) (1 BATH)	0	1	1	2	688 SF	3%	
A	"C" (1 BED) (1 BATH)	0	1	0	1	802 SF	1.75%	
B	"D" (1 BED) (1 BATH)	3	4	5	12	802 SF	19.25%	
B	"D.1" (1 BED) (1 BATH+DEN)	0	2	2	4	931 SF	6.5%	
B	"D.2" (1 BED) (1 BATH)	1	1	1	3	763 SF	5%	
B	"E" (2 BED) (1 BATH)	1	1	1	3	1,144 SF	5%	(13) 20.75%
B	"E.1" (2 BED) (1 BATH)	0	1	1	2	1,144 SF	3%	
B	"F" (2 BED) (1 BATH)	1	3	3	7	1,016 SF	9.75%	
A	"J" (2 BED) (1 BATH)	1	0	0	1	1,016 SF	3%	
B	"G" (2 BED) (2 BATH)	3	5	5	13	1,053 SF	21.25%	(24) 39%
B	"G.1" (2 BED) (2 BATH)	0	1	1	2	1,076 SF	3%	
B	"H" (2 BED) (2 BATH)	0	4	4	8	1,110 SF	13%	
B	"L" (2 BED) (2 BATH)	0	0	1	1	1,224 SF	1.75%	
	TOTAL	11	25	26	62			100%

These plans are copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS LLC.
211 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-6570
www.colegrouparchitects.com

DAVID MAJCHRZAK LICENSED ARCHITECT 56381 STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.

Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:

PARK & 3RD LOFTS

ALEXANDRIA, MN

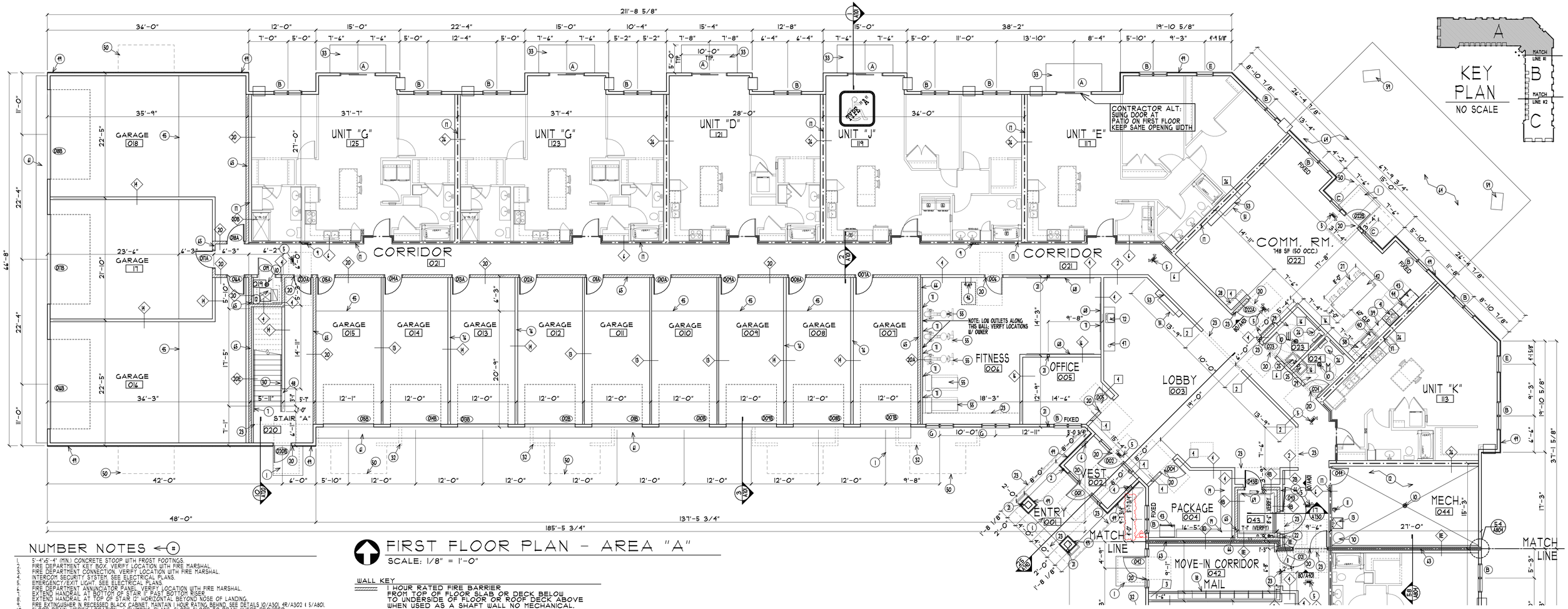
COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the written permission and consent of Cole Group Architects, Inc.

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

A101

PLOTTED: 08-25-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5



NUMBER NOTES

1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 12" PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BACK CABINET. MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A301, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION w/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER. SEE DETAIL 10/A301 & 45/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FRP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION w/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3,000 SF.
15. w/ SELF CLOSING ACCESS DOORS. SEE DETAILS 23 & 24/A802.
16. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
17. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS. SEE DETAIL 2/A801.
18. DRAFT STOP IN FLOOR TRUSS SPACE INLINE w/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS
19. PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F MAX.
20. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
21. PACKAGE ROOM SHELVING BY OWNER.
22. DOOR TO MEET ADA CLEARANCES PER DETAILS 7 & 8 ISC/A301 AND 13/A302.
23. STRUCTURAL COLUMN. SEE STRUCTURAL DWGS. TYP. COLUMN 1 HR. PER DET 41/A901 AS REQ'D.
24. ELEVATOR CALL BUTTON PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
25. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
26. LINE OF ROOF BELOW
27. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 6C/A301.
28. ACCESSIBLE TOILET. PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 1C/A301.
29. FURNITURE BY OWNER.
30. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
31. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 1C/A301.
32. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR. VERIFY STYLE AND FINISH W/ OWNER.
33. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
34. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
35. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS w/ 42" HIGH PREFINISHED GUARD RAIL.
36. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
37. SLOPE FLOOR AT 1/4B MAX. THIS AREA.
38. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
39. 5'-0" WIDE STRIPED ACCESS AISLE.
40. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A301.
41. ACCESSIBLE WORK AREA, 9 3/4" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A2301.
42. NON-ROLL SURFACE UNLESS STATED SINK w/ DISPOSAL, FORWARD APPROACH BELOW w/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 11C & 16/A301.
43. ACCESSIBLE GAS RANGE w/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&9C/A301.
44. ISLAND COUNTER TOP 9 40" A.F.F.
45. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
46. LINE OF UPPER CABINETS.
47. CONTINUOUS 4" HIGH CONCRETE SLAB SLOPE FLOOR 2" DOWN FROM CURB TO O.H. DOOR. SEE SECTION 3/A101 FOR SLAB ELEVATIONS HEIGHTS.
48. ACCESSIBLE DRINKING FOUNTAIN AND WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
49. COUNTER TOP 9 34" A.F.F. w/ GROMMET FOR REFUSE/RECYCLING.
50. 42" HIGH GUARD RAIL. FRAMED WALL w/ WOOD CAP.
51. CULTURED STONE THIS LOCATION SHOWN BEYOND. SEE EXTERIOR ELEVATIONS.
52. LINE OF BALCONY ABOVE.
53. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
54. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
55. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS w/ OWNER.
56. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A730.
57. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
58. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
59. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
60. R.F.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT: TILE IN PET WASH
61. GAS GRILL w/ SHUT-OFF TIMER. VERIFY MODEL w/ OWNER.
62. MASONRY WALL w/ CAP FOR SEATING. VERIFY STYLE w/ OWNER.
63. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
64. MASONRY CORNER POST w/ CAP & LIGHT FIXTURE. VERIFY STYLE w/ OWNER.
65. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
66. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
67. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
68. 24 WOOD STUD @ 16" O.C. @ (1) LAYER OF 5/8" GYPSUM BOARD
69. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
70. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
71. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W/ ELEV. MFGR.
72. SUMP PIT W/ PUMP. VERIFY LOCATION W/ MECHANICAL DRAWINGS.
73. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER.
74. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
75. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 11C/A301.
76. - ADD WATER LINE FOR COFFEE STATION. SEE INT. DES. & PLUMBING PLANS.
77. ACCESSIBLE MIN REFRIGERATOR. SEE DETAIL 8C/A301.
78. RADIO ON/OFF LIGHT. VERIFY W/ OWNER
79. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
80. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON-SHEARWALL LOCATIONS SEE DETAILS 39A-B/A803.

FIRST FLOOR PLAN - AREA "A"

SCALE: 1/8" = 1'-0"

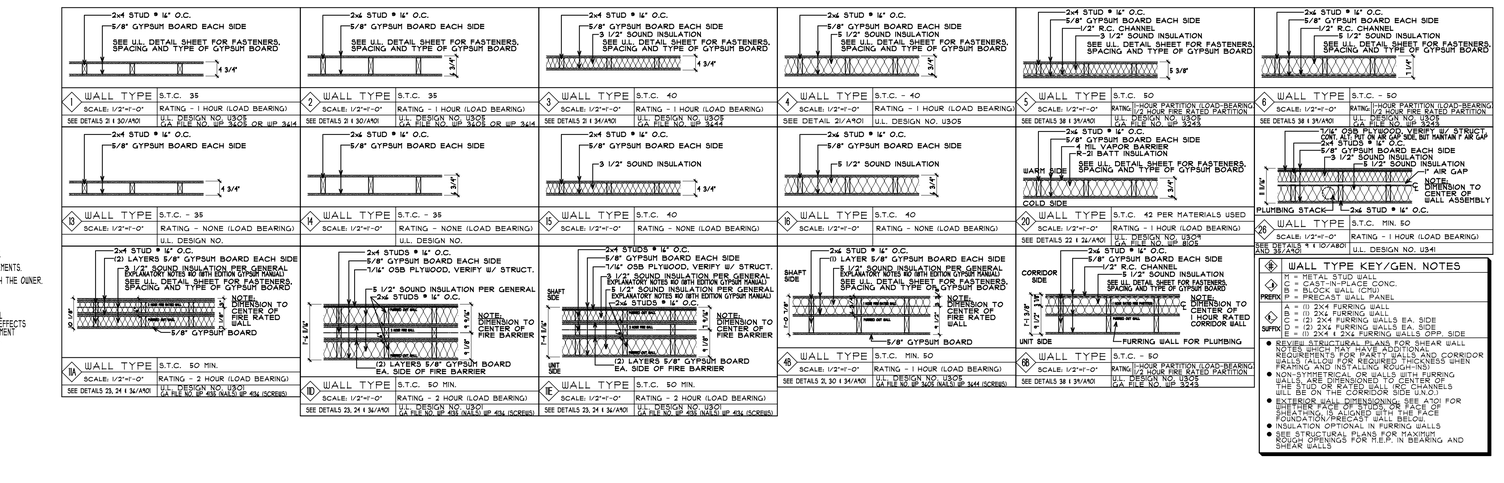
WALL KEY

1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL. NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.
B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.
C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.
D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.
E) ALL DOOR HARDWARE TO BE LEVER TYPE.
F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.
G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.
H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK (48" ON EACH ADJACENT WALL).
J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A301, 28 & 29/A802.
K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.
L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.
M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.
N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. 15' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.
P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.
Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.
R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.
S) WOOD BLOCKING AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE, OR DIFFERENTIAL MOVEMENTS, AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE FINISHED SURFACES BUILT THEREIN. ALL PLUMBING, ELECTRICAL, MECHANICAL SYSTEMS AND EQUIPMENT SHALL USE/ OR EXCEED 2018 IBC SECTION 2304.13.3. THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR FOOTUP FRAMING, AND POTENTIAL SHRINKAGE.
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA WALL HARDWARE
U) ALL CONCEALED/DEAD SPACES IN WOOD SHARED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 5/A902 TO MAINTAIN FIRE RATING AND FIRE BLOCKING REQUIREMENTS.
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.
W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL-LISTED FIBERGLASS INSULATION WHENEVER POSSIBLE. PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE
X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.



WALL TYPE KEY/GEN. NOTES

PREFIX: 1 = METAL STUD WALL; 2 = CMU & METAL STUD CONC.; 3 = PRECAST WALL PANEL
SUFFIX: A = (1) 2X4 FURRING WALL; B = (1) 2X4 FURRING WALL EA. SIDE; C = (2) 2X4 FURRING WALLS EA. SIDE; D = (1) 2X4 FURRING WALLS EA. SIDE; E = (1) 2X4 & 2X6 FURRING WALLS OPP. SIDE

- REVIEW ALL STRUCTURAL PLANS FOR SHEAR WALL NOTES WHICH MAY HAVE ADDITIONAL REQUIREMENTS FOR PARTY WALLS AND CORRIDOR WALLS (ALSO NOTE REQUIRED THICKNESS WHEN SHEARING AND NON-SHEARING OCCURS)
- NON-STAGGERED STUD WALLS SHALL BE SPACED TO THE DIMENSIONED CENTER OF THE STUD OR RATED WALL 'X' CHANNELS WILL BE ON THE CORRIDOR SIDE (U.N.O.)
- EXTERIOR WALL DIMENSIONING: SEE A101 FOR EXTERIOR WALL DIMENSIONING TO FACE OF SHEATHING, TO BE ALIGNED WITH THE FACE FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR R.F.P. IN BEARING AND SHEAR WALLS

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-4510
www.colegrouparchitects.com

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, harmless.
COPYRIGHT 2025 Cole Group Architects, Inc.

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

LICENSED ARCHITECT — DAVID MAJCHRZAK — 60281 — 05/1/25 — STATE OF MINNESOTA

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS
1 11-10-25 ADDENDUM #4	

PLOTTED: 11-10-25

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

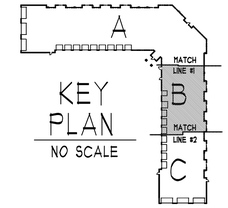
A101A

NUMBER NOTES ←(11)

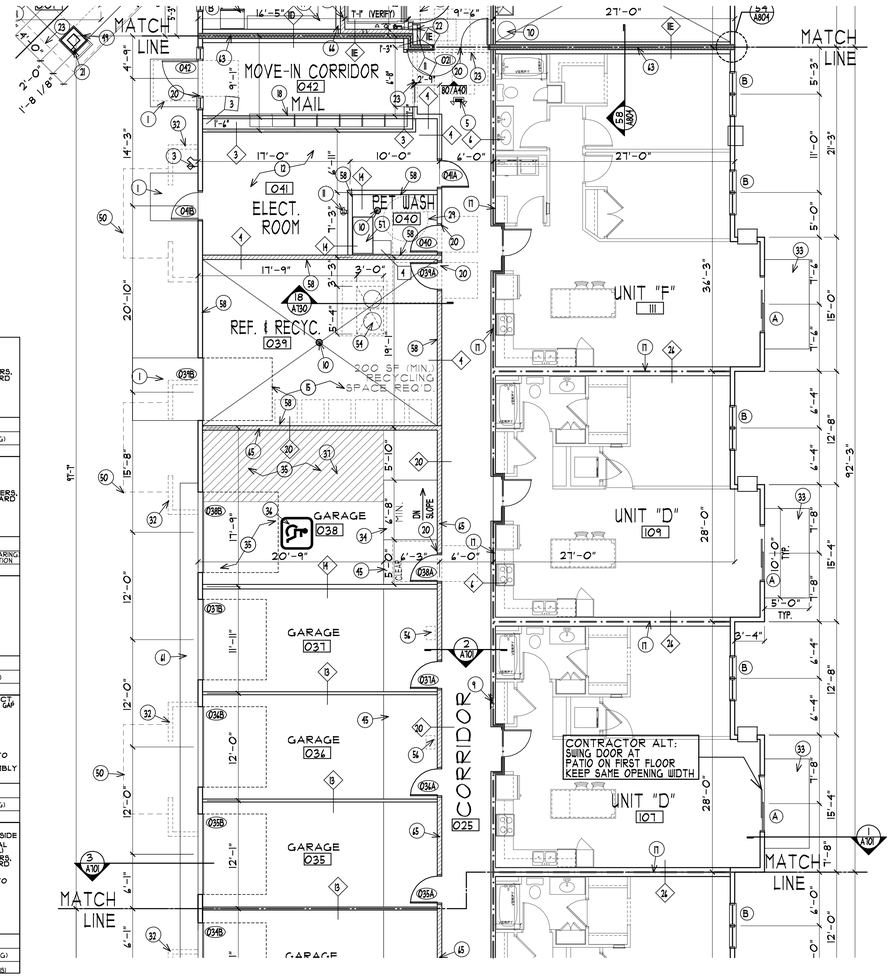
1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 12" PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET, MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A301, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION W/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER, SEE DETAIL 10/A301 & 4/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE RFP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION W/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY 1100 UNITS OR 3,000 S.F.
    W/ SELF CLOSING ACCESS DOORS, SEE DETAILS 23 & 24/A802.
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS, SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS
    PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F. MAX.
18. FRONT LOADING MAILBOXES, VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 1 & 15C/A301 AND 13/A302.
21. STRUCTURAL COLUMN, SEE STRUCTURAL DWGS. 'RATE COLUMN 1 HR. PER DET 41/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW.
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 4C/A301.
26. ACCESSIBLE TOILET, PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY
    OTHERS AND DETAILS 1-3 & 1C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE W/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR, VERIFY STYLE AND FINISH W/ OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS
    W/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA @ 34" A.F.F. ADJACENT TO RANGE, SEE DETAILS 9 & 12C/A2301.
40. SINGLE BOWL STAINLESS STEEL SINK W/ DISPOSAL, OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET, FINISHED FLOOR BELOW, SEE DETS. 9, 11C & 14/A301.
41. ACCESSIBLE GAS RANGE W/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&C/A301.
42. ISLAND COUNTER TOP @ 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINOUS 4" HIGH CONCRETE SLAB, SLOPE FLOOR 2" DOWN FROM CURB TO O.H. DOOR, SEE SECTION 3/A101 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN W/ WATER BOTTLE FILLER, SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP @ 34" A.F.F. W/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL FRAMED WALL W/ WOOD CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS W/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A730.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION, SEE MEP PLANS FOR CONNECTIONS.
58. R.F.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT. TILE IN PET WASH
59. GAS GRILL W/ SHUT-OFF TIMER. VERIFY MODEL W/ OWNER.
60. MASONRY WALL W/ CAP FOR SEATING. VERIFY STYLE W/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST W/ CAP & LIGHT FIXTURE. VERIFY STYLE W/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 24 GOOD STUDS @ 16" O.C. W/ 1 LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W/ ELEV. MFGR.
70. SUMP PIT W/ PUMP, VERIFY LOCATION W/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER.
    (NOTE FOR FITNESS ROOM. TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 8C/A301.
    - ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MIN REFRIGERATOR, SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY W/ OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON-SHEARWALL LOCATIONS SEE DETAILS 39A-B/A803.

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.
B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.
C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.
D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.
E) ALL DOOR HARDWARE TO BE LEVER TYPE.
F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.
G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.
H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK 48" ON EACH ADJACENT WALL).
J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A301, 28 & 29/A802.
K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.
L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.
M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.
N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. 15' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.
P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.
Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.
R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.
S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE OR DIFFERENTIAL MOVEMENTS AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE DESIGN BUILD PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED. IBC SECTION 2304.3.3). THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR PROPER FRAMING, AND POTENTIAL SHRINKAGE.
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE
U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 5/A903 TO MAINTAIN FIRE RATING AND FIREBLOCKING REQUIREMENTS.
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION
W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBERGLASS INSULATION. WHENEVER POSSIBLE, PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE
X) NOTE TO WALL PANEL SUPPLIER:
ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.



KEY PLAN
NO SCALE



FIRST FLOOR PLAN - AREA "B"

SCALE: 1/8" = 1'-0"

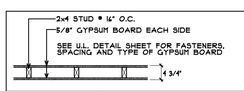
WALL KEY

1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

WALL TYPE 1 — S.T.C. 35 — RATING - 1 HOUR (LOAD BEARING)

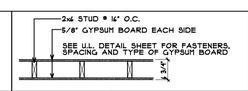
SCALE: 1/2"=1'-0"



SEE DETAILS 2I & 30/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3405 OR WP 3414)

WALL TYPE 2 — S.T.C. 35 — RATING - 1 HOUR (LOAD BEARING)

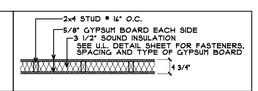
SCALE: 1/2"=1'-0"



SEE DETAILS 2I & 30/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3405 OR WP 3414)

WALL TYPE 3 — S.T.C. 40 — RATING - 1 HOUR (LOAD BEARING)

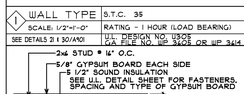
SCALE: 1/2"=1'-0"



SEE DETAILS 2I & 34/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3444)

WALL TYPE 4 — S.T.C. - 40 — RATING - 1 HOUR (LOAD BEARING)

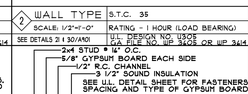
SCALE: 1/2"=1'-0"



SEE DETAIL 2I/A901 — U.L. DESIGN NO. U305

WALL TYPE 5 — S.T.C. - 50 — RATING - 1-HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION

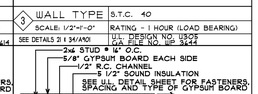
SCALE: 1/2"=1'-0"



SEE DETAILS 3B & 39/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3243)

WALL TYPE 6 — S.T.C. - 50 — RATING - 1-HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION

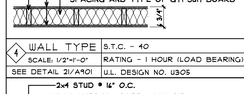
SCALE: 1/2"=1'-0"



SEE DETAILS 3B & 39/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3243)

WALL TYPE 13 — S.T.C. - 35 — RATING - NONE (LOAD BEARING)

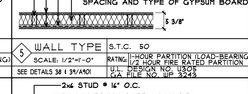
SCALE: 1/2"=1'-0"



U.L. DESIGN NO.

WALL TYPE 14 — S.T.C. - 35 — RATING - NONE (LOAD BEARING)

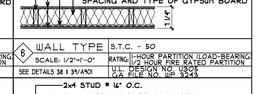
SCALE: 1/2"=1'-0"



U.L. DESIGN NO.

WALL TYPE 15 — S.T.C. 40 — RATING - NONE (LOAD BEARING)

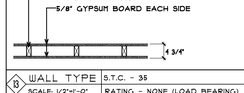
SCALE: 1/2"=1'-0"



U.L. DESIGN NO.

WALL TYPE 16 — S.T.C. 40 — RATING - NONE (LOAD BEARING)

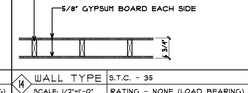
SCALE: 1/2"=1'-0"



U.L. DESIGN NO.

WALL TYPE 20 — S.T.C. 42 PER MATERIALS USED — RATING - 1 HOUR (LOAD BEARING)

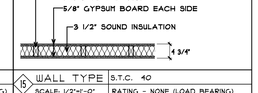
SCALE: 1/2"=1'-0"



SEE DETAILS 22 & 24/A901 — U.L. DESIGN NO. U309 (GA FILE NO. WP 8105)

WALL TYPE 26 — S.T.C. MIN. 50 — RATING - 1 HOUR (LOAD BEARING)

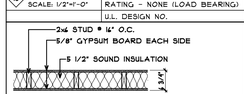
SCALE: 1/2"=1'-0"



SEE DETAILS 9 & 11/A2301 AND 38/A901 — U.L. DESIGN NO. U341

WALL TYPE 18 — S.T.C. MIN. 50 — RATING - 1 HOUR (LOAD BEARING)

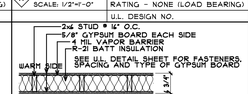
SCALE: 1/2"=1'-0"



SEE DETAILS 2I, 30 & 34/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3405 OR WP 3444 (SCREWS))

WALL TYPE 19 — S.T.C. - 50 — RATING - 1-HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION

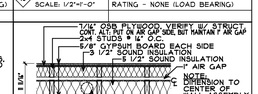
SCALE: 1/2"=1'-0"



SEE DETAILS 3B & 39/A901 — U.L. DESIGN NO. U305 (GA FILE NO. WP 3243)

WALL TYPE 11A — S.T.C. 50 MIN. — RATING - 2 HOUR (LOAD BEARING)

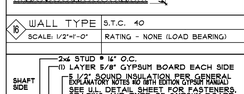
SCALE: 1/2"=1'-0"



SEE DETAILS 23, 24 & 34/A901 — U.L. DESIGN NO. U901 (GA FILE NO. WP 4136 (NAILS) WP 4134 (SCREWS))

WALL TYPE 10 — S.T.C. 50 MIN. — RATING - 2 HOUR (LOAD BEARING)

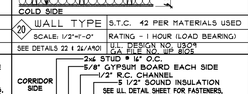
SCALE: 1/2"=1'-0"



SEE DETAILS 23, 24 & 34/A901 — U.L. DESIGN NO. U901 (GA FILE NO. WP 4136 (NAILS) WP 4134 (SCREWS))

WALL TYPE 11E — S.T.C. 50 MIN. — RATING - 2 HOUR (LOAD BEARING)

SCALE: 1/2"=1'-0"



SEE DETAILS 23, 24 & 34/A901 — U.L. DESIGN NO. U901 (GA FILE NO. WP 4136 (NAILS) WP 4134 (SCREWS))

WALL TYPE KEY/GEN. NOTES

PREFIX:
- M = METAL STUD WALL
- C = CAST-IN-PLACE CONC.
- B = BLOCK WALL (CMU)
- P = PRECAST WALL PANEL

SUFFIX:
- A = (1) 2X4 FURRING WALL
- B = (1) 2X4 FURRING WALL
- C = (2) 2X4 FURRING WALLS EA. SIDE
- D = (2) 2X6 FURRING WALLS EA. SIDE
- E = (1) 2X4 & 2X6 FURRING WALLS OPP. SIDE

- REVIEW STRUCTURAL PLANS FOR SHEAR WALL NOTES WHICH MAY HAVE ADDITIONAL REQUIREMENTS FOR PARTY WALLS AND CORRIDOR WALLS (ALLOW FOR REQUIRED THICKNESS WHEN FRAMING AND INSTALLING ROUGH-INS).
- NON-SYMMETRICAL OR WALLS WITH FURRING WALLS ARE DIMENSIONED TO CENTER OF THE STUD OR RATED WALL (NO CHANNELS WILL BE ON THE CORRIDOR SIDE U.N.O.)
- EXTERIOR WALL DIMENSIONS SEE A101 FOR DIMENSIONS TO FACE OF SHEATHING AT GROUND LEVEL FACE OF FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM SPACINGS FOR R.F.P. IN BEARING AND SHEAR WALLS

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright, and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS, LLC.
2141 Park Avenue South
Suite 102
Saint Cloud, MN. 56301
(320) 654-6510
www.colegrouparchitects.com

LICENSED ARCHITECT 50301 DAVID J. MAJCHRZAK MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET
-

PLOTTED: 03-14-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5

A101B

NUMBER NOTES

1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 1" & LAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET, MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A301, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION w/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER. SEE DETAIL 10/A301 & 4S/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE RFP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION w/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3,000 S.F. w/ SELF CLOSING ACCESS DOORS. SEE DETAILS 2S & 24/A802.
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS. SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F. MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 2B & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 7 & 15C/A301 AND 13/A302.
21. STRUCTURAL COLUMN. SEE STRUCTURAL DWGS. RATE COLUMN 1 HR. PER DET 41/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 6C/A301.
26. ACCESSIBLE TOILET. PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 7C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED. SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR. VERIFY STYLE AND FINISH W// OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS w/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL. SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER. SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA @ 34" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A230I.
40. SINGLE BOWL STAINLESS STEEL SINK w/ DISPOSAL OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 11C & 14/A301.
41. ACCESSIBLE GAS RANGE w/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&9C/A301.
42. ISLAND COUNTER TOP @ 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB. SLOPE FLOOR 2" DOWN FROM CURB TO O.H. DOOR. SEE SECTION 3/A701 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN W// WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP @ 34" A.F.F. w/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL. FRAMED WALL w/ GLASS CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS w/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A730.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE REF PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT: TILE IN PET WASH
59. GAS GRILL w/ SHUT-OFF TIMER. VERIFY MODEL w/ OWNER.
60. MASONRY WALL w/ CAP FOR SEATING. VERIFY STYLE w/ OWNER.
61. 24' WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST w/ CAP & LIGHT FIXTURE. VERIFY STYLE w/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 2x6 @ 16" O.C. w/ (1) LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W// ELEV. MFGR.
70. SUMP PIT W// PUMP. VERIFY LOCATION W// MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 11C/A301.
- ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MINI REFRIGERATOR. SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY W// OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON SHEARWALL LOCATIONS SEE DETAILS 29A-B/A803.

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.

B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.

C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.

E) ALL DOOR HARDWARE TO BE LEVER TYPE.

F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.

G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK 48" ON EACH ADJACENT WALL).

J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 1D/A301, 2B & 29/A802.

K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.

L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.

M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & ASD ACCESSIBLE DETAIL SHEET FOR CLEARANCES.

N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. 6" FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.

P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.

Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.

R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.

S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE OR DIFFERENTIAL MOVEMENTS AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE, DESIGN BUILT PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED (IBC SECTION 2304.3.3). THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR PROPER FRAMING, AND POTENTIAL SHRINKAGE.

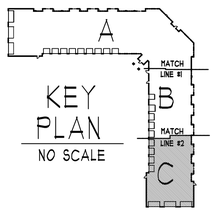
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE

U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 5/A902 TO MAINTAIN FIRE RATING AND FIREBLOCKING REQUIREMENTS.

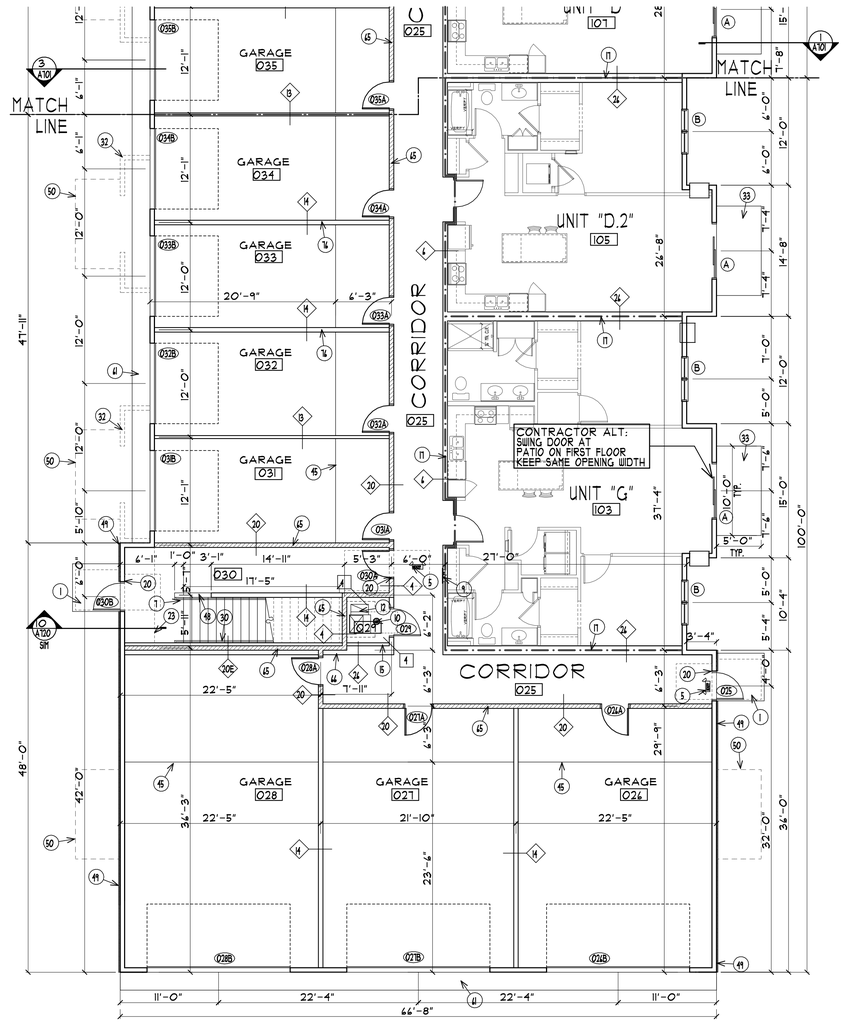
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.

W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBERGLASS INSULATION, WHENEVER POSSIBLE. PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE

X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS DEMISING WALL SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALLS BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.



KEY PLAN
NO SCALE



FIRST FLOOR PLAN - AREA "C"

SCALE: 1/8" = 1'-0"

WALL KEY

1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

1 WALL TYPE	S.T.C. 35	2 WALL TYPE	S.T.C. 35
SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
SEE DETAILS 2I & 30/A901	U.L. DESIGN NO. U309 GA FILE NO. UP 3405 OR UP 3414	SEE DETAILS 2I & 30/A901	U.L. DESIGN NO. U309 GA FILE NO. UP 3405 OR UP 3414
3 WALL TYPE	S.T.C. 40	4 WALL TYPE	S.T.C. - 40
SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
SEE DETAILS 2I & 34/A901	U.L. DESIGN NO. U309 GA FILE NO. UP 3405 OR UP 3414	SEE DETAIL 2I/A901	U.L. DESIGN NO. U305
5 WALL TYPE	S.T.C. 50	6 WALL TYPE	S.T.C. - 50
SCALE: 1/2"=1'-0"	RATING: 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION	SCALE: 1/2"=1'-0"	RATING: 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION
SEE DETAILS 3B & 35/A901	U.L. DESIGN NO. U305 GA FILE NO. UP 3225	SEE DETAILS 3B & 35/A901	U.L. DESIGN NO. U305 GA FILE NO. UP 3225
13 WALL TYPE	S.T.C. - 35	14 WALL TYPE	S.T.C. - 35
SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)
	U.L. DESIGN NO.		U.L. DESIGN NO.
15 WALL TYPE	S.T.C. 40	16 WALL TYPE	S.T.C. 40
SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)
18 WALL TYPE	S.T.C. 35	20 WALL TYPE	S.T.C. 42 PER MATERIALS USED
SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
		SEE DETAILS 2Z & 2A/A901	U.L. DESIGN NO. U305 GA FILE NO. UP 3005
26 WALL TYPE	S.T.C. MIN. 50	28 WALL TYPE	S.T.C. - 50
SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING: 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION
SEE DETAILS 2L, 30 & 34/A901	U.L. DESIGN NO. U305 GA FILE NO. UP 3405 (NAILS) UP 3414 (SCREWS)	SEE DETAILS 3B & 35/A901	U.L. DESIGN NO. U305 GA FILE NO. UP 3225
10 WALL TYPE	S.T.C. 50 MIN.	12 WALL TYPE	S.T.C. 50 MIN.
SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)
SEE DETAILS 23, 24 & 34/A901	U.L. DESIGN NO. U260 GA FILE NO. UP 4134 (SCREWS)	SEE DETAILS 23, 24 & 34/A901	U.L. DESIGN NO. U260 GA FILE NO. UP 4134 (SCREWS)
17 WALL TYPE	S.T.C. 50 MIN.	19A WALL TYPE	S.T.C. 50 MIN.
SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)
SEE DETAILS 23, 24 & 34/A901	U.L. DESIGN NO. U260 GA FILE NO. UP 4134 (SCREWS)	SEE DETAILS 23, 24 & 34/A901	U.L. DESIGN NO. U260 GA FILE NO. UP 4134 (SCREWS)

WALL TYPE KEY/GEN. NOTES

PREFIX: M = METAL STUD WALL; C = CAST-IN-PLACE CONC.; B = BLOCK WALL (CMU); P = PRECAST WALL PANEL

SUFFIX: A = (1) 2X4 FURRING WALL; B = (1) 2X4 FURRING WALL; C = (2) 2X4 FURRING WALLS EA. SIDE; D = (2) 2X4 FURRING WALLS EA. SIDE; E = (1) 2X4 & (1) 2X4 FURRING WALLS OPP. SIDE

- REVIEW STRUCTURAL PLANS FOR SHEAR WALL NOTES WHICH MAY HAVE ADDITIONAL REQUIREMENTS FOR SHEAR WALLS AND CORRIDOR WALLS. ALSO REVIEW FOR ANCHORAGE, BEARING AND INSTALLING REQUIREMENTS WHEN
- NON-SYMETRICAL OR WALLS WITH FURRING WALLS ARE DIMENSIONED TO CENTER OF THE STUD OR RATED WALL (RC CHANNELS WILL BE ON THE CORRIDOR SIDE U.N.O.)
- EXTERIOR WALL DIMENSIONING: SEE A701 FOR WHETHER FACE OF STUDS OR FACE OF SHEATHING IS ALIGNED WITH THE FACE FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR R.F.P. IN BEARING AND SHEAR WALLS

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-5570
www.colegrparchitects.com

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. - ©COPYRIGHT 2025 Cole Group Architects, Inc

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	DATE

These documents are not valid for bidding permit unless signed in ink or by digital signature. Copies are not valid.

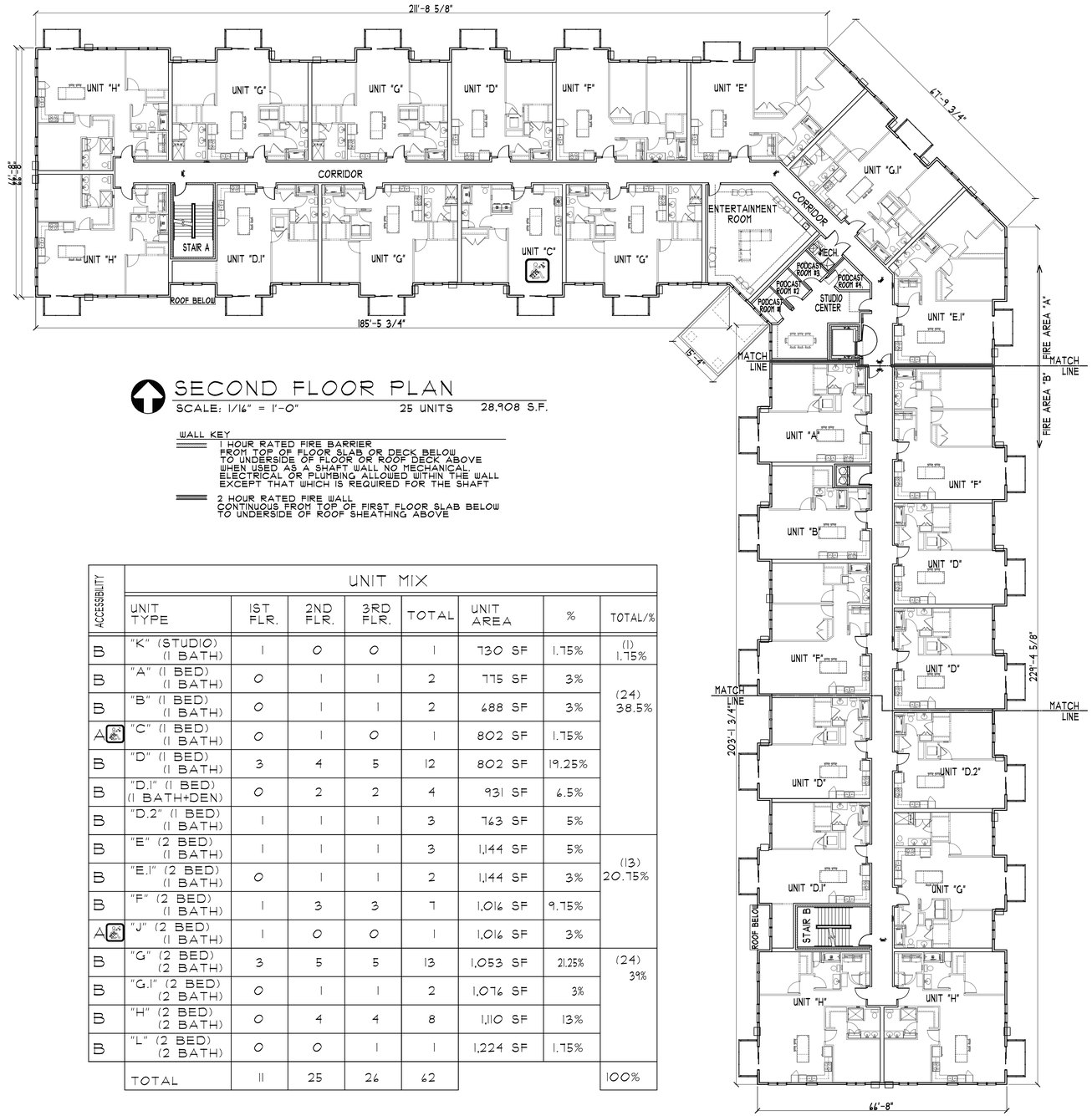
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

DAVID JOSEPH MAJCHRZAK — LICENSED ARCHITECT — 58361 — BUSINESS — STATE OF MINNESOTA

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

A101C

PLOTTED: 03-11-25 FILE: 24022P COM: 5 FILE: 24022P COM: 5



SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0" 25 UNITS 28,908 S.F.

WALL KEY

1 HOUR RATED FIRE BARRIER
FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL
CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

UNIT MIX

ACCESSIBILITY	UNIT TYPE	1ST FLR.	2ND FLR.	3RD FLR.	TOTAL	UNIT AREA	%	TOTAL/%
B	"K" (STUDIO) (1 BATH)	1	0	0	1	730 SF	1.75%	(1) 1.75%
B	"A" (1 BED) (1 BATH)	0	1	1	2	775 SF	3%	(24) 38.5%
B	"B" (1 BED) (1 BATH)	0	1	1	2	688 SF	3%	
A	"C" (1 BED) (1 BATH)	0	1	0	1	802 SF	1.75%	
B	"D" (1 BED) (1 BATH)	3	4	5	12	802 SF	19.25%	
B	"D.1" (1 BED) (1 BATH+DEN)	0	2	2	4	931 SF	6.5%	
B	"D.2" (1 BED) (1 BATH)	1	1	1	3	763 SF	5%	
B	"E" (2 BED) (1 BATH)	1	1	1	3	1,144 SF	5%	(13) 20.75%
B	"E.1" (2 BED) (1 BATH)	0	1	1	2	1,144 SF	3%	
B	"F" (2 BED) (1 BATH)	1	3	3	7	1,016 SF	9.75%	
A	"J" (2 BED) (1 BATH)	1	0	0	1	1,016 SF	3%	
B	"G" (2 BED) (2 BATH)	3	5	5	13	1,053 SF	21.25%	(24) 39%
B	"G.1" (2 BED) (2 BATH)	0	1	1	2	1,076 SF	3%	
B	"H" (2 BED) (2 BATH)	0	4	4	8	1,110 SF	13%	
B	"L" (2 BED) (2 BATH)	0	0	1	1	1,224 SF	1.75%	
	TOTAL	11	25	26	62			100%

Use, copyright, and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the express written permission and consent of Cole Group Architects. In the event of unauthorized reuse of these plans by any third party, the third party agrees to indemnify and hold harmless Cole Group Architects from any and all claims, damages, losses, expenses, and attorney's fees arising out of such unauthorized reuse by the third party.

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South Suite 102 Saint Cloud, MN 56301
320.654.5570
www.colegrouparchitects.com

DAVID M. JAICHNER LICENSED ARCHITECT 56381 03/17/25 STATE OF MINNESOTA

These documents are not valid for bidding permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of MINNESOTA.
Name: DAVID J. M. JAICHNER, AIA

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

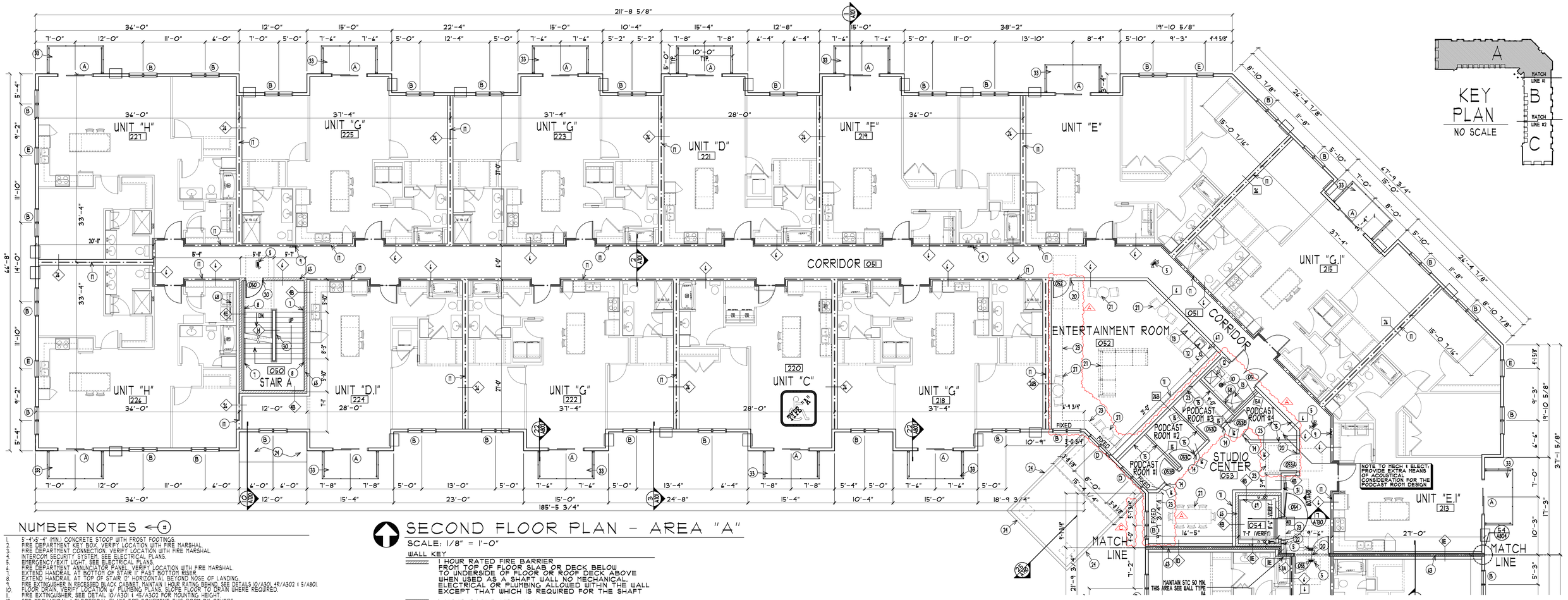
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

A102

PLOTTED: 08-25-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5



NUMBER NOTES ←(#)

1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 1'-1" PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET, MAINTAIN 1 HOUR RATING, SEE DETAILS 10/A301, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION W/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER, SEE DETAIL 10/A301 & 4S/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FRP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION W/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3000 SF. W/ SELF CLOSING ACCESS DOORS, SEE DETAILS 23 & 1 24/A802
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS, SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 7 & 15C/A301 AND 13/A302.
21. STRUCTURAL COLUMN, SEE STRUCTURAL DWGS. RATE COLUMN 1 HR PER DET 4I/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 6C/A301.
26. ACCESSIBLE TOILET, PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 7C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE W/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR, VERIFY STYLE AND FINISH W/ OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS W/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA 9 34" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A230.1.
40. SINGLE BOWL STAINLESS STEEL SINK W/ DISPOSAL OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 11C & 14/A301.
41. ACCESSIBLE GAS RANGE W/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&9C/A301.
42. ISLAND COUNTER TOP 9 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR, SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB, SLOPE FLOOR 2" DOWN FROM CURB TO 04 DOOR. SEE SECTION 3/A430 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN W/ WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP 9 34" A.F.F. W/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL FRAMED WALL W/ WOOD CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS W/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A230.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT: TILE IN PET WASH
59. GAS GRILL W/ SHUT-OFF TIMER. VERIFY MODEL W/ OWNER.
60. MASONRY WALL W/ CAP FOR SEATING. VERIFY STYLE W/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST W/ CAP & LIGHT FIXTURE. VERIFY STYLE W/ OWNER.
63. 1 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED
66. 2x6 @OOD STUDS @ 16" O.C. W/ (1) LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW 9 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT
69. 1 HOUR RATED MACHINE ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W/ ELEV. MFGR.
70. SUMP PIT W/ PUMP. VERIFY LOCATION W/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 11C/A301.
    - ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MINI REFRIGERATOR. SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY W/ OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON-SHEARWALL LOCATIONS SEE DETAILS 39A-B/A803.

SECOND FLOOR PLAN - AREA "A"

SCALE: 1/8" = 1'-0"

WALL KEY

1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS W/ OWNER/G.C.
B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.
C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.
D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.
E) ALL DOOR HARDWARE TO BE LEVER TYPE.
F) VERIFY ALL SPECIALTY EQUIPMENT W/ OWNER/G.C.
G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.
H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK 48" ON EACH ADJACENT WALL).
J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED W/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 18/A301, 28 & 29/A802.
K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE W/ SUPPLIER.
L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.
M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.
N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. IS' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.
P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.
Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.
R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER REQUIRED DETAILS INDEPENDENT OF THE ASSEMBLY THAT LIES WITHIN
S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE, OR DIFFERENTIAL MOVEMENTS, AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE, PLUMBING, ELECTRICAL, HEATING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED (IBC SECTION 2304.3.3). THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR PROPER FRAMING AND INTERNAL SHRINKAGE.
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE
U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 8/A402 TO MAINTAIN FIRE RATING AND FIRESTOPPING REQUIREMENTS.
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.
W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN ALL OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBERGLASS INSULATION, WHENEVER POSSIBLE, PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE.
X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.

1 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 21 & 30/A901	S.T.C. 35 RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U305 OR U/P 3414 GA FILE NO. U/P 3505 OR U/P 3414	2 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 21 & 30/A901	S.T.C. 35 RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U305 GA FILE NO. U/P 3505 OR U/P 3414
3 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 21 & 34/A901	S.T.C. 40 RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U305 GA FILE NO. U/P 3442	4 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAIL 21/A901	S.T.C. 40 RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U305
5 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 38 & 39/A901	S.T.C. 50 RATING - 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION U.L. DESIGN NO. U305 GA FILE NO. U/P 3245	6 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 38 & 39/A901	S.T.C. - 50 RATING - 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION U.L. DESIGN NO. U305 GA FILE NO. U/P 3245
13 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. - 35 RATING - NONE (LOAD BEARING) U.L. DESIGN NO.	14 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. - 35 RATING - NONE (LOAD BEARING) U.L. DESIGN NO.
15 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. 40 RATING - NONE (LOAD BEARING)	16 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 21, 30 & 34/A901	S.T.C. 40 RATING - NONE (LOAD BEARING)
17 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. 50 MIN. RATING - 2 HOUR (LOAD BEARING) U.L. DESIGN NO. U901 GA FILE NO. U/P 4135 (NAILS) U/P 4134 (SCREWS)	18 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. 50 MIN. RATING - 2 HOUR (LOAD BEARING) U.L. DESIGN NO. U901 GA FILE NO. U/P 4135 (NAILS) U/P 4134 (SCREWS)
19 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. 50 MIN. RATING - 2 HOUR (LOAD BEARING) U.L. DESIGN NO. U901 GA FILE NO. U/P 4135 (NAILS) U/P 4134 (SCREWS)	20 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 23, 24 & 34/A901	S.T.C. 50 MIN. RATING - 2 HOUR (LOAD BEARING) U.L. DESIGN NO. U901 GA FILE NO. U/P 4135 (NAILS) U/P 4134 (SCREWS)
21 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 21, 30 & 34/A901	S.T.C. 50 MIN. RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U305 GA FILE NO. U/P 3505 (NAILS) U/P 3444 (SCREWS)	22 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 38 & 39/A901	S.T.C. - 50 RATING - 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION U.L. DESIGN NO. U305 GA FILE NO. U/P 3245
23 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 22 & 23/A901	S.T.C. 42 PER MATERIALS USED RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U901 GA FILE NO. U/P 4135	24 WALL TYPE SCALE: 1/2"=1'-0" SEE DETAILS 7 & 10/A901 AND 38/A902	S.T.C. MIN. 50 RATING - 1 HOUR (LOAD BEARING) U.L. DESIGN NO. U341

WALL TYPE KEY/GEN. NOTES

PREFIX: WT = METAL STUD WALL; C = CAST-IN-PLACE CONC.; B = BLOCK WALL (CMU); P = PRECAST WALL PANEL

SUFFIX: A = (1) 2X4 FURRING WALL; B = (1) 2X6 FURRING WALL; C = (2) 2X4 FURRING WALLS EA. SIDE; D = (2) 2X6 FURRING WALLS EA. SIDE; E = (1) 2X4 & 2X6 FURRING WALLS OPP. SIDE

- REFER TO STRUCTURAL PLANS FOR SHEAR WALL NOTES WHICH MAY HAVE ADDITIONAL REQUIREMENTS FOR PARTY WALLS AND CORRIDOR WALLS. (ALSO FOR REQUIRED THICKNESS WHEN FRAMING AND INSTALLING ROUGH-INS)
- NON-SYMMETRICAL OR WALLS WITH FURRING ONLY SHALL BE DESIGNED TO CENTER OF WALL ASSEMBLY UNLESS NOTED OTHERWISE
- WHERE BE-ON-THE-CORRIDOR SIDE CHANNELS
- EXTERIOR WALL DIMENSIONING SEE A701 FOR ROUGH OPENINGS FOR R.E.P. IN BEARING AND SHEAR WALLS
- REFER TO ELEVATIONS IN INFRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR R.E.P. IN BEARING AND SHEAR WALLS

PLOTTED: 11-10-25

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Saint Cloud, MN 56301
(320) 654-4510
www.colegrouparchitects.com

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless.
COPYRIGHT 2025 Cole Group Architects, Inc.

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

DAVID JOSEPH MAJCHRZAK LICENSED ARCHITECT 50361 03/1/25 STATE OF MINNESOTA

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS/COMMENTS		REVISIONS/COMMENTS	
1 04-28-25	ADDENDUM #2		
2 11-10-25	ADDENDUM #4		

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET
-

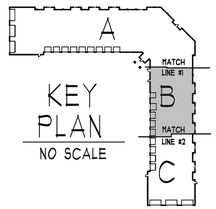
A102A

NUMBER NOTES ←(#)

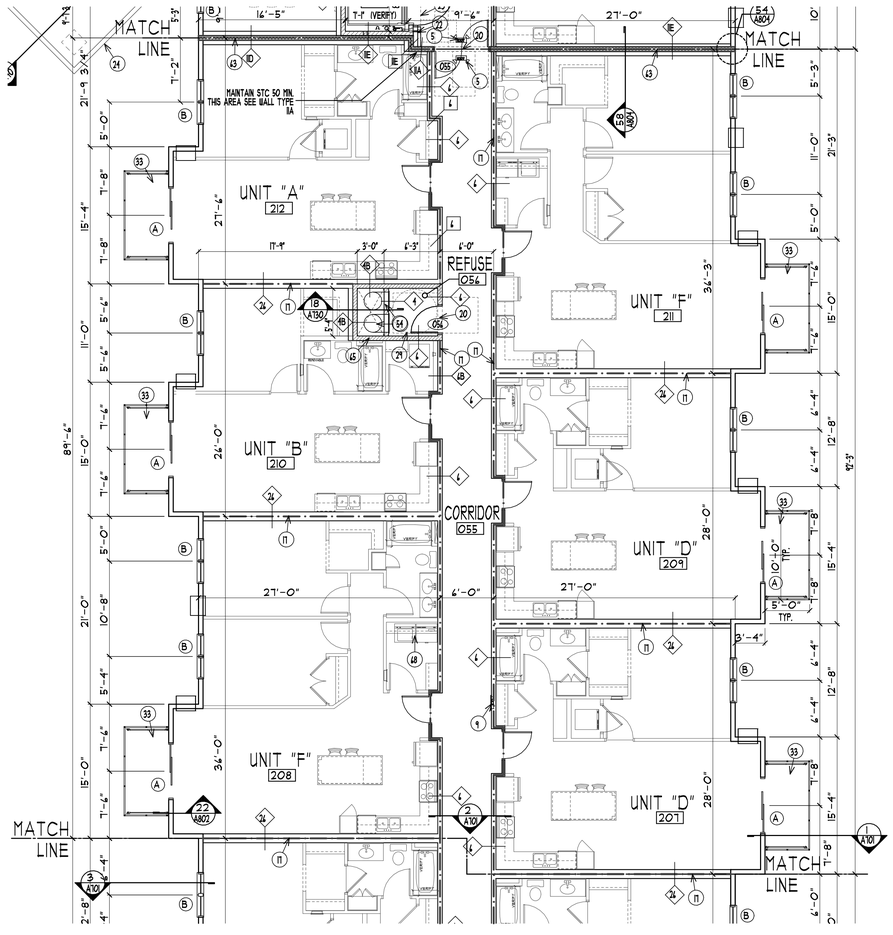
1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 12" PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET. MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A301, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION W/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER. SEE DETAIL 10/A301 & 4E/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FRP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION W/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY 1100 UNITS OR 3,000 S.F. W/ SELF CLOSING ACCESS DOORS, SEE DETAILS 23.1 & 24/A802
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS. SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 7 & 15C/A301 AND 13/A302.
21. STRUCTURAL COLUMN. SEE STRUCTURAL DWGS. RATE COLUMN 1 HR. PER DET 41/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 4C/A301.
26. ACCESSIBLE TOILET, PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 7C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR, VERIFY STYLE AND FINISH W/ OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS w/ 42" HIGH PREFINISHED GUARD RAIL
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA @ 34" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A230.1.
40. SINGLE BOWL STAINLESS STEEL SINK w/ DISPOSAL. OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 11C & 14/A301.
41. ACCESSIBLE GAS RANGE w/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&10C/A301.
42. ISLAND COUNTER TOP @ 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB. SLOPE FLOOR 2" DOWN FROM CURB TO DH DOOR. SEE SECTION 3/A701 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN W/ WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP @ 34" A.F.F. w/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL FRAMED WALL w/ WOOD CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS w/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A730.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT. TILE IN PET WASH
59. GAS GRILL w/ SHUT-OFF TIMER. VERIFY MODEL w/ OWNER.
60. MASONRY WALL w/ CAP FOR SEATING. VERIFY STYLE w/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST w/ CAP & LIGHT FIXTURE. VERIFY STYLE w/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 24 GOOD STUDS @ 16" O.C. w/ @ LATER OF 5/8" GYPSUM BOARD
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W/ ELEV. MFGR.
70. SUMP PIT W/ PUMP. VERIFY LOCATION W/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 10C/A301.
    - ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MIN REFRIGERATOR. SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY W/ OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON-SHEARWALL LOCATIONS SEE DETAILS 39A-B/A803.

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.
B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.
C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.
D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.
E) ALL DOOR HARDWARE TO BE LEVER TYPE.
F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.
G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.
H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK (48" ON ADJACENT WALL).
J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A301, 28 & 29/A802.
K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.
L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.
M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.
N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. IS' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.
P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.
Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.
R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.
S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE, OR DIFFERENTIAL MOVEMENTS, AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE. DESIGN BUILD PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED (IBC SECTION 2304.3.3). THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR FOOTPRINT FRAMING, AND POTENTIAL SHRINKAGE.
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE
U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 15/A902 TO MAINTAIN FIRE RATING AND FIREBLOCKING REQUIREMENTS.
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.
W) @ LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH @ LISTED FIBERGLASS INSULATION WHENEVER POSSIBLE. PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE
X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.



KEY PLAN
NO SCALE



SECOND FLOOR PLAN - AREA "B"

SCALE: 1/8" = 1'-0"

WALL KEY

1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

WALL TYPES

1	WALL TYPE	S.T.C. 35	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 3 1/4"
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2 & 30/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3425 OR WP 3414	
2	WALL TYPE	S.T.C. 35	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 3 1/4"
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2 & 30/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3425 OR WP 3414	
3	WALL TYPE	S.T.C. 40	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 3 1/2" SOUND INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 3 1/4"
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2 & 31/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3414	
4	WALL TYPE	S.T.C. 40	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 1/2" SOUND INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 3 3/8"
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAIL 21/A901		U.L. DESIGN NO. U305	
5	WALL TYPE	S.T.C. 50	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 1/2" R.C. CHANNEL; 3 1/2" SOUND INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 5 3/8"
	SCALE: 1/2"=1'-0"	RATING 1-HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION	
SEE DETAILS 38 & 39/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3243	
6	WALL TYPE	S.T.C. 50	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 1/2" R.C. CHANNEL; 5 1/2" SOUND INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 5 3/4"
	SCALE: 1/2"=1'-0"	RATING 1-HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION	
SEE DETAILS 38 & 39/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3243	
13	WALL TYPE	S.T.C. - 35	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 3/4"
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
14	WALL TYPE	S.T.C. - 35	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 3/4"
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
15	WALL TYPE	S.T.C. 40	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 3 1/2" SOUND INSULATION; 3/4"
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
16	WALL TYPE	S.T.C. 40	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 5 1/2" SOUND INSULATION; 3 3/4"
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
20	WALL TYPE	S.T.C. 42 PER MATERIALS USED	2x6 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 4 MIL VAPOR BARRIER; R-21 BATT INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; WARM SIDE; COLD SIDE; 5 1/2"
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 22 & 24/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3605	
26	WALL TYPE	S.T.C. MIN. 60	1/16" OSB PLYWOOD, VERIFY W/ STRUCT. ENG. ALT. TO BE ON AIR GAP SIDE, BUT MAINTAIN 1" AIR GAP; 2x4 STUDS @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 3 1/2" SOUND INSULATION; 5 1/2" SOUND INSULATION; 1" AIR GAP; NOTE: DIMENSION TO CENTER OF WALL ASSEMBLY; PLUMBING STACK; 2x6 STUD @ 16" O.C.; 5 1/2"
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 4 & 10/A901 AND 36/A803		U.L. DESIGN NO. U341	
48	WALL TYPE	S.T.C. MIN. 50	2x4 STUDS @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 1/2" R.C. CHANNEL; 5 1/2" SOUND INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; SHAFT SIDE; NOTE: DIMENSION TO CENTER OF 1 HOUR RATED CORRIDOR WALL; CORRIDOR SIDE; FURRING WALL FOR PLUMBING; 5/8" GYPSUM BOARD
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2L, 30 & 34/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3605	
49	WALL TYPE	S.T.C. - 50	2x4 STUD @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 1/2" R.C. CHANNEL; 3 1/2" SOUND INSULATION; SEE U.L. DETAIL SHEET FOR FASTENERS, SPACING AND TYPE OF GYPSUM BOARD; 5 3/8"
	SCALE: 1/2"=1'-0"	RATING 1-HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION	
SEE DETAILS 38 & 39/A901		U.L. DESIGN NO: U305; CA FILE NO. WP 3243	
11A	WALL TYPE	S.T.C. 50 MIN.	2x4 STUDS @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 7/16" OSB PLYWOOD, VERIFY W/ STRUCT. ENG.; 5 1/2" SOUND INSULATION PER GENERAL EXPLANATORY NOTES NO 18TH EDITION GYPSUM MANUAL; 2x6 STUDS @ 16" O.C.; SHAFT SIDE; NOTE: DIMENSION TO CENTER OF FIRE BARRIER; (2) LAYERS 5/8" GYPSUM BOARD EA. SIDE OF FIRE BARRIER; UNIT SIDE
	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	
SEE DETAILS 23, 24 & 34/A901		U.L. DESIGN NO: U901; CA FILE NO. BP 4136 (NAILS) BP 4134 (SCREWS)	
10	WALL TYPE	S.T.C. 50 MIN.	2x4 STUDS @ 16" O.C.; 5/8" GYPSUM BOARD EACH SIDE; 7/16" OSB PLYWOOD, VERIFY W/ STRUCT. ENG.; 5 1/2" SOUND INSULATION PER GENERAL EXPLANATORY NOTES NO 18TH EDITION GYPSUM MANUAL; 2x6 STUDS @ 16" O.C.; NOTE: DIMENSION TO CENTER OF FIRE BARRIER; (2) LAYERS 5/8" GYPSUM BOARD EA. SIDE OF FIRE BARRIER
	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	
SEE DETAILS 23, 24 & 34/A901		U.L. DESIGN NO: U901; CA FILE NO. BP 4136 (NAILS) BP 4134 (SCREWS)	
1E	WALL TYPE	S.T.C. 50 MIN.	
	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	
SEE DETAILS 23, 24 & 34/A901		U.L. DESIGN NO: U901; CA FILE NO. BP 4136 (NAILS) BP 4134 (SCREWS)	

WALL TYPE KEY/GEN. NOTES

PREFIX: M = METAL STUD WALL; C = CAST-IN-PLACE CONC.; B = BLOCK WALL (CMU); P = PRECAST WALL PANEL

SUFFIX: A = (1) 2X4 FURRING WALL; B = (1) 2X6 FURRING WALL; C = (2) 2X4 FURRING WALLS EA. SIDE; D = (2) 2X6 FURRING WALLS EA. SIDE; E = (1) 2X4 & 2X6 FURRING WALLS OPP. SIDE

- REVIEW STRUCTURAL PLANS FOR SHEAR WALL NOTES WHICH MAY HAVE ADDITIONAL REQUIREMENTS FOR PARTY WALLS AND CORRIDOR WALLS (ALLOW FOR REQUIRED THICKNESS WHEN FRAMING AND INSTALLING ROUGH-INS)
- NON-SYMMETRICAL OR WALLS WITH FURRING WALLS ARE DIMENSIONAL TO CENTER OF STUD WALL (U.N.O.) OR CENTER OF CHANNELS WILL BE ON THE CORRIDOR SIDE (U.N.O.)
- EXTERIOR WALL DIMENSIONING: SEE A701 FOR DIMENSIONING PATTERN. ON PLAN, THE SHEATHING IS ALIGNED WITH THE FACE FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR R.E.P. IN BEARING AND SHEAR WALLS

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc

COLE GROUP ARCHITECTS, LLC.
211 Park Avenue South, Suite 200
Saint Cloud, MN 56301
(320) 654-4510
www.colegrouparchitects.com

DAVID MAJCHRZAK — LICENSED ARCHITECT — 56281 — 07/25 — STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

PLOTTED: 03-11-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5

A102B

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.

B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.

C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.

E) ALL DOOR HARDWARE TO BE LEVER TYPE.

F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.

G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK 48" ON EACH ADJACENT WALL.

J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A3O1, 28 & 29/A802.

K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.

L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.

M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A300 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.

N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. 5' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.

P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.

Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.

R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.

S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE OR DIFFERENTIAL MOVEMENTS AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE. DESIGN BUILD PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED PER SECTION 2604.1.1. THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR WOOD FRAMING, AND POTENTIAL SHRINKAGE.

T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE

U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 5/A902 TO MAINTAIN FIRE RATING AND FIRE BLOCKING REQUIREMENTS.

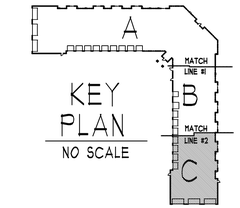
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.

W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBERGLASS INSULATION, WHENEVER POSSIBLE, PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE

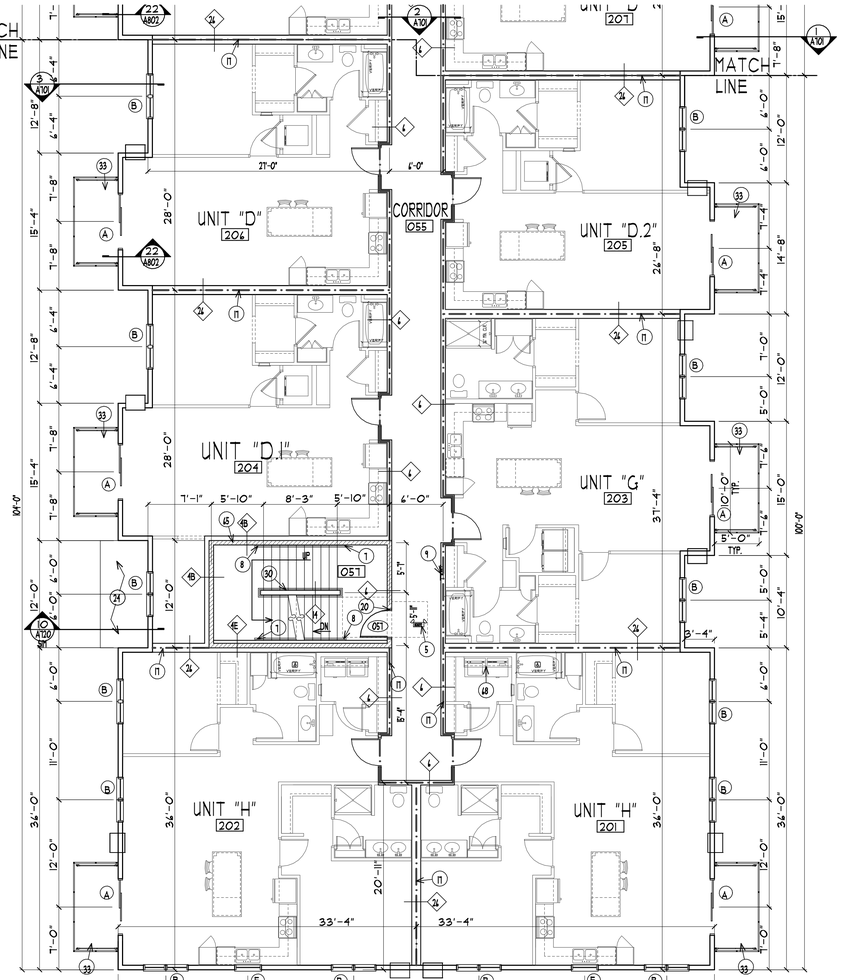
X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.

NUMBER NOTES

1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 1' PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET, MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A2O1, 4B/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION w/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER, SEE DETAIL 10/A3O1 & 4B/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FRP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION w/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3,000 S.F. @ SELF CLOSING ACCESS DOORS. SEE DETAILS 23 & 24/A802
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS. SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE IN LINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F. MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 1 & 1SC/A3O1 AND 1B/A3O2.
21. STRUCTURAL COLUMN, SEE STRUCTURAL DWGS. RATE COLUMN 1 HR. PER DET 4I/A9O1 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW.
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 6C/A3O1.
26. ACCESSIBLE TOILET, PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 1C/A3O1.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 14C/A3O1.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR, VERIFY STYLE AND FINISH W/ OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS w/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A01O.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A3O1.
39. ACCESSIBLE WORK AREA @ 34" A.F.F. ADJACENT TO RANGE, SEE DETAILS 9 & 12C/A23O1.
40. SINGLE BOWL STAINLESS STEEL SINK w/ DISPOSAL, OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET, FINISHED FLOOR BELOW. SEE DETS. 9, 1C & 14/A3O1.
41. ACCESSIBLE GAS RANGE w/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9HC/A3O1.
42. ISLAND COUNTER TOP @ 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A3O1.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB, SLOPE FLOOR 2" DOWN FROM CURB TO O.H. DOOR. SEE SECTION 3/A101 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN w/ WATER BOTTLE FILLER, SEE PLUMBING PLANS AND DETAIL 6/A3O1.
47. 5'-0" DIAMETER @ 34" A.F.F. w/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL FRAMED WALL w/ WOOD CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. 1 HOUR RATED PRE-FAB. CHASE WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS w/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 1B/A13O.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT. TILE IN PET WASH
59. GAS SHUT-OFF VALVE w/ SHUT-OFF TIMER. VERIFY MODEL w/ OWNER.
60. MASONRY WALL w/ CAP FOR SEATING, VERIFY STYLE w/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST w/ CAP & LIGHT FIXTURE, VERIFY STYLE w/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO, SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 2x4 WOOD STUDS @ 16" O.C. w/ (1) LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W/ ELEV. MFGR.
70. SUMP PIT W/ PUMP. VERIFY LOCATION W/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 1C/A3O1.
- ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MIN REFRIGERATOR SEE DETAIL 8C/A3O1.
74. RADIO ON/OFF LIGHT. VERIFY W/ OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER STUDS & HOLDOWNS PER SHEARWALL NON-SHEARWALL LOCATIONS SEE DETAILS 2 & 3/A9O2.



KEY PLAN
NO SCALE

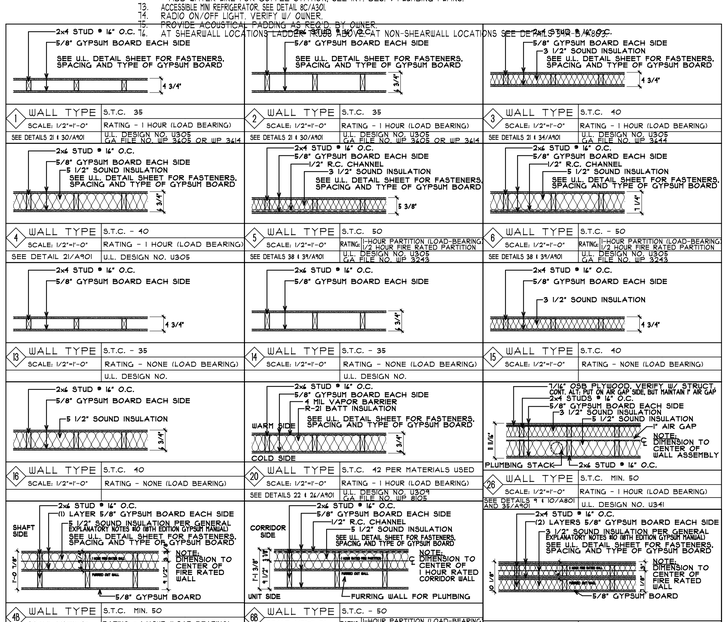


SECOND FLOOR PLAN - AREA "C"
SCALE: 1/8" = 1'-0"

WALL KEY

1 HOUR RATED FIRE BARRIER
FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL
CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE



WALL TYPE KEY/GEN. NOTES

- M = METAL STUD WALL
- C = CAST-IN-PLACE CONC.
- B = BLOCK WALL (CMU)
- P = PRECAST WALL PANEL

PREFIX

SUFFIX
- A = (1) 2X4 FURRING WALL
- B = (1) 2X4 FURRING WALL
- C = (2) 2X4 FURRING WALLS EA. SIDE
- D = (2) 2X4 FURRING WALLS EA. SIDE
- E = (1) 2X4 + 2X6 FURRING WALLS OPP. SIDE

- REVISE STRUCTURAL PLANS FOR SHEAR WALL REQUIREMENTS FOR FACE-TO-FACE WALLS AND CORRIDOR WALLS (ALLOW FOR REQUIRED THICKNESS WHEN FRAMING AND INSTALLING ROUGH-INS)
- NON-SYMMETRICAL OR WALLS WITH FURRING WALLS ARE DIMENSIONED TO CENTER OF THE STUD OR RATED WALL (RC CHANNELS WILL BE ON THE CORRIDOR SIDE U.N.O.)
- EXTERIOR WALL DIMENSIONING: SEE A701 FOR SHEETER FACE OF STUDS, OR FACE OF SHEATHING, ALIGNED WITH THE FACE FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM HEIGHT OPENINGS FOR H.E.P. IN BEARING AND SHEAR WALLS

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to a third party without First obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS, LLC.
214 First Avenue South
Saint Cloud, MN 56301
(320) 654-6510
www.colegrouparchitects.com

LICENSED ARCHITECT
DAVID MAJCHRZAK
BY 56381
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

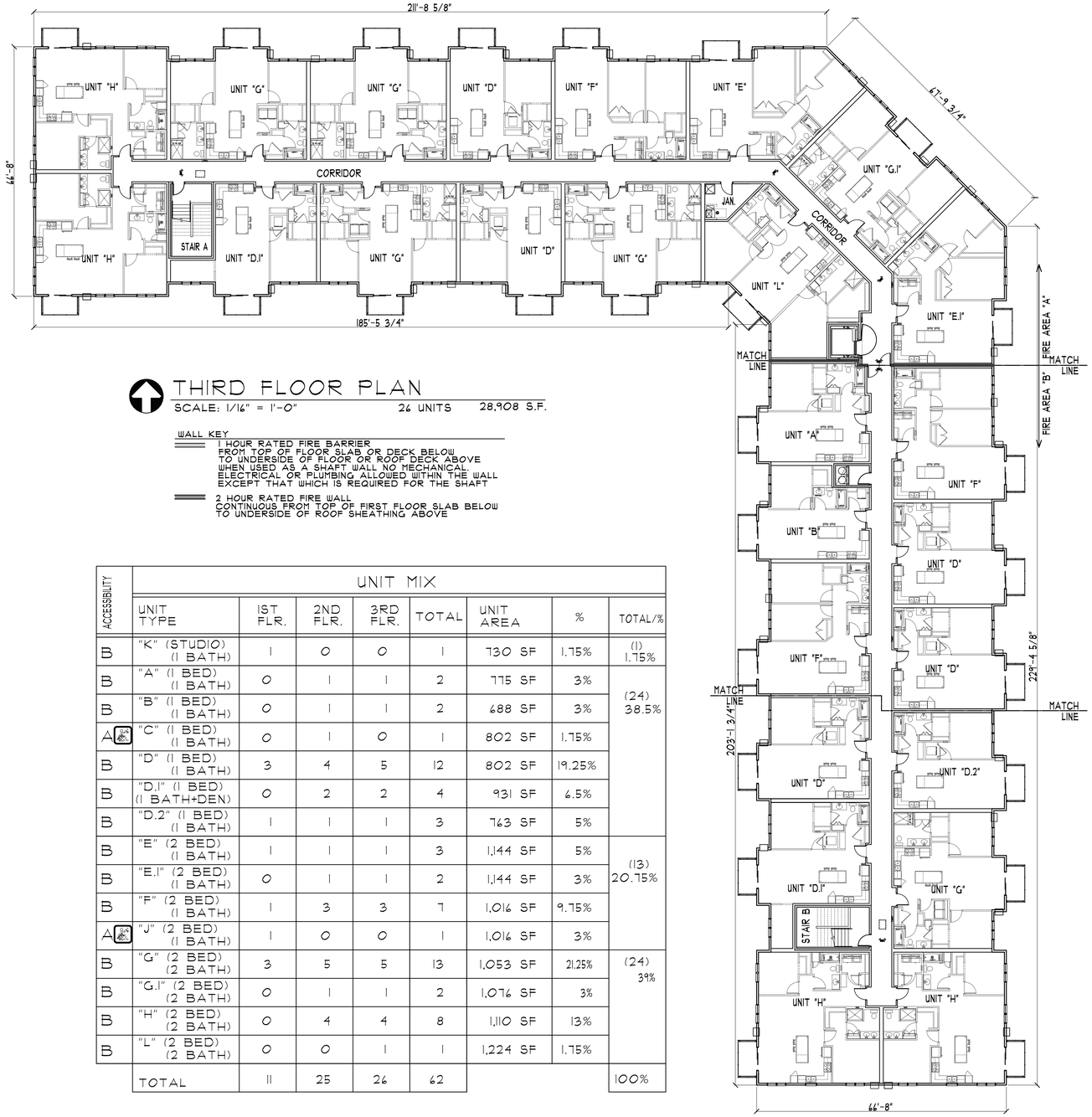
PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

PLOTTED: 03-11-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5

A102C



THIRD FLOOR PLAN

SCALE: 1/16" = 1'-0" 26 UNITS 28,908 S.F.

WALL KEY

1 HOUR RATED FIRE BARRIER
FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL
CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

UNIT MIX

ACCESSIBILITY	UNIT TYPE	1ST FLR.	2ND FLR.	3RD FLR.	TOTAL	UNIT AREA	%	TOTAL/%
B	"K" (STUDIO) (1 BATH)	1	0	0	1	730 SF	1.75%	(1) 1.75%
B	"A" (1 BED) (1 BATH)	0	1	1	2	775 SF	3%	(24) 38.5%
B	"B" (1 BED) (1 BATH)	0	1	1	2	688 SF	3%	
A	"C" (1 BED) (1 BATH)	0	1	0	1	802 SF	1.75%	
B	"D" (1 BED) (1 BATH)	3	4	5	12	802 SF	19.25%	
B	"D.I" (1 BED) (1 BATH+DEN)	0	2	2	4	931 SF	6.5%	
B	"D.2" (1 BED) (1 BATH)	1	1	1	3	763 SF	5%	
B	"E" (2 BED) (1 BATH)	1	1	1	3	1,144 SF	5%	(13) 20.75%
B	"E.I" (2 BED) (1 BATH)	0	1	1	2	1,144 SF	3%	
B	"F" (2 BED) (1 BATH)	1	3	3	7	1,016 SF	9.75%	
A	"J" (2 BED) (1 BATH)	1	0	0	1	1,016 SF	3%	
B	"G" (2 BED) (2 BATH)	3	5	5	13	1,053 SF	21.25%	(24) 39%
B	"G.I" (2 BED) (2 BATH)	0	1	1	2	1,076 SF	3%	
B	"H" (2 BED) (2 BATH)	0	4	4	8	1,110 SF	13%	
B	"L" (2 BED) (2 BATH)	0	0	1	1	1,224 SF	1.75%	
	TOTAL	11	25	26	62			100%

Ⓒ Cole Group Architects, Inc. expressly reserves this common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. Ⓒ COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-6710
www.colegrouparchitects.com

DAVID MAJCHRZAK LICENSED ARCHITECT 60361 STATE OF MINNESOTA

These documents are not valid for bidding permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.

Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:

PARK & 3RD LOFTS

ALEXANDRIA, MN

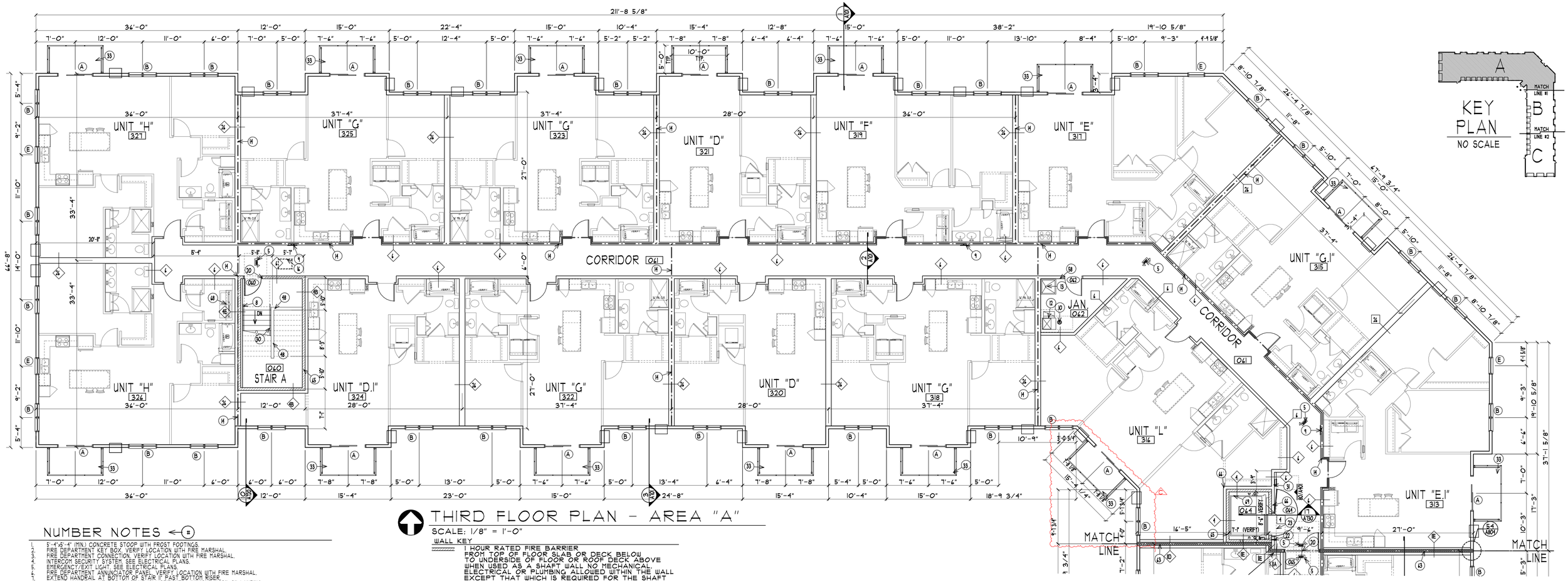
REVISIONS COMMENTS	CONT. 5
REVISIONS COMMENTS	CONT. 5

FILE: 24022P

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

PLOTTED: 08-25-25 FILE: 24022S

A103



THIRD FLOOR PLAN - AREA "A"

SCALE: 1/8" = 1'-0"

WALL KEY

- 1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT
- 2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE
- FULL HEIGHT ATTIC DRAFT STOP

NUMBER NOTES

1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 1' PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A301, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION w/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER. SEE DETAIL 10/A301 & 4S/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FRP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION w/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3,000 S.F. w/ SELF CLOSING ACCESS DOORS. SEE DETAILS 23 & 24/A802.
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS. SEE DETAIL 2/A901.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE w/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 7 & 15C/A301 AND 13/A302.
21. STRUCTURAL COLUMN. SEE STRUCTURAL DWGS. RATE COLUMN 1 HR. PER DET 4I/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW.
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 6C/A301.
26. ACCESSIBLE TOILET. PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 1C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR, VERIFY STYLE AND FINISH W/ OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS w/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA 9" X 34" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A2301.
40. SINGLE BOWL STAINLESS STEEL SINK w/ DISPOSAL DRAIN FORWARD APPROACH BELOW w/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 11C & 14/A301.
41. ACCESSIBLE GAS RANGE w/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&9C/A301.
42. ISLAND COUNTER TOP 9" 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB. SLOPE FLOOR 2" DOWN FROM CURB TO D.H. DOOR. SEE SECTION 3/A701 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN. VERIFY WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP 9 3/4" A.F.F. w/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL FRAMED WALL w/ WOOD CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS w/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A130.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT. TILE IN PET WASH
59. GAS GRILL w/ SHUT-OFF TIMER. VERIFY MODEL w/ OWNER.
60. MASONRY WALL w/ CAP FOR SEATING. VERIFY STYLE w/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST w/ CAP & LIGHT FIXTURE. VERIFY STYLE w/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING, ABOVE SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. SHALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 2x6 WOOD STUDS @ 16" O.C. w/ (1) LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MOTORIZED ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS w/ ELEV. MFGR.
70. SUMP PIT w/ PUMP. VERIFY LOCATION w/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. w/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 10C/A301.
    - ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MINI REFRIGERATOR SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY w/ OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON-SHEAR WALL LOCATIONS SEE DETAILS 39A-B/A803.

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.

B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.

C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.

E) ALL DOOR HARDWARE TO BE LEVER TYPE.

F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.

G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK (48" ON EACH ADJACENT WALL).

J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A301, 28 & 29/A802.

K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.

L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.

M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.

N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES, MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. 5' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.

P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.

Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.

R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.

S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE, OR DIFFERENTIAL MOVEMENT AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE. DESIGN BUILD PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED IN OR PART OF WOOD WALLS OR FLOOR SYSTEMS, THE ENTIRE CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR MOISTURE PROTECTION, AND POTENTIAL DRAINAGE.

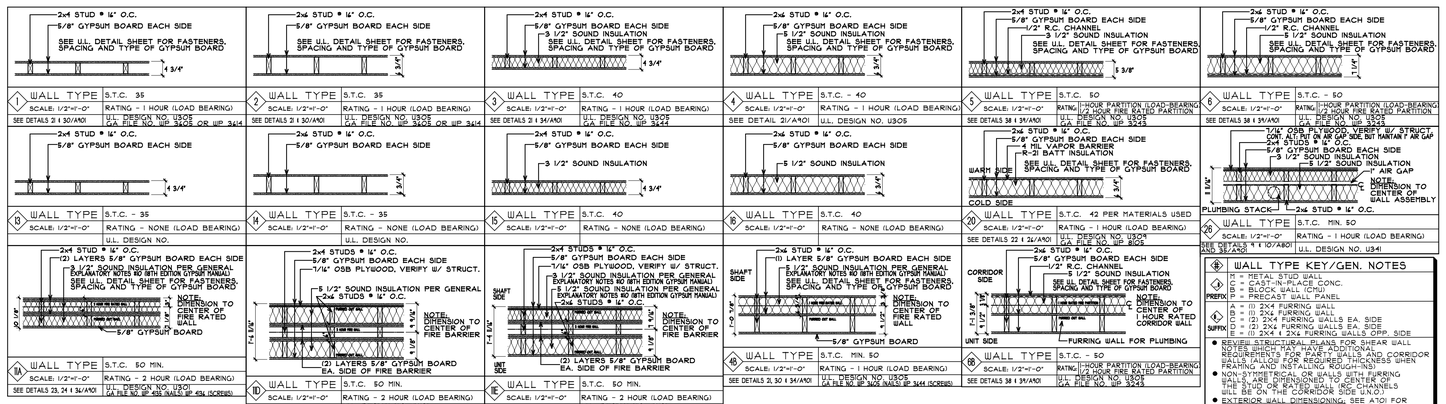
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE

U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 5/A902 TO MAINTAIN FIRE RATING AND SOUND BLOCKING REQUIREMENTS.

V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.

W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE NOT LESS THAN 24" OR PROTECTED BY FILLING THE BALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBERGLASS INSULATION. WHENEVER POSSIBLE, PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE.

X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.



WALL TYPE KEY/GEN. NOTES

- TYPE: S = STUD WALL, B = BEARING WALL, C = CAST-IN-PLACE CONC., B = BLOCK WALL (CMU)
- PREFIX: P = PRECAST WALL PANEL
- SUFFIX: A = (1) 2X4 FURRING WALL, B = (1) 2X6 FURRING WALL, C = (2) 2X4 FURRING WALLS EA. SIDE, D = (2) 2X6 FURRING WALLS EA. SIDE, E = (1) 2X4 + 2X6 FURRING WALLS OPP. SIDE

- REVIEW STRUCTURAL PLANS FOR SHEAR WALL REQUIREMENTS AND ANY ADDITIONAL REQUIREMENTS FOR PARTY WALL AND CORRIDOR WALL TAILORS FOR REQUIRED THICKNESS WHEN FRAMING AND INSTALLING ROUGH-INS!
- ALL SYMMETRICAL OR WALLS WITH FURRING WALLS ARE DIMENSIONED TO CENTER OF THE STUD OR RATED WALL CHANNELS WILL BE ON THE CORRIDOR SIDE U.N.O.)
- EXTERIOR WALL DIMENSIONING SEE 4"O1 FOR SHEETER FACE OF STUDS, OR FACE OF SHEATHING, OR CONCRETE FACE OF FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR HEIGHT IN BEARING AND SHEAR WALLS

COLE GROUP ARCHITECTS LLC.
216 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-6510
www.colegrouparchitects.com

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless.
COPYRIGHT 2025 Cole Group Architects, Inc.

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

LICENSED ARCHITECT DAVID J. MAJCHRZAK 25301 05/16/25 STATE OF MINNESOTA

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS
1 10-25 ADDENDUM #4	

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET
-

PLOTTED: 11-10-25

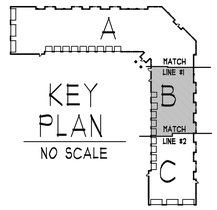
A103A

NUMBER NOTES ←(#)

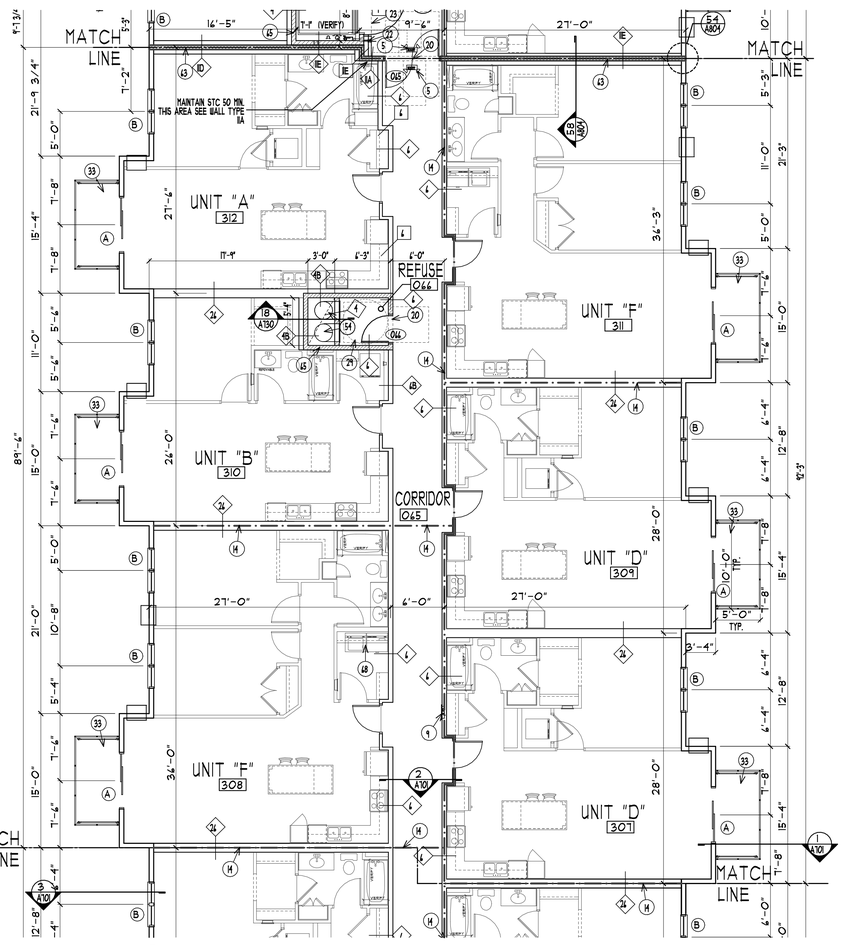
1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 12" PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET. MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A3O1 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION W/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER. SEE DETAIL 10/A301 & 4S/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FAUCET ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION W/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3,000 S.F. W/ SELF CLOSING ACCESS DOORS. SEE DETAILS 23 & 24/A802.
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS. SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 1 & 8C/A301 AND 13/A302.
21. STRUCTURAL COLUMN, SEE STRUCTURAL DWGS. RATE COLUMN 1 HR. PER DET 4I/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW.
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 6C/A301.
26. ACCESSIBLE TOILET, PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 7C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED, SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR, VERIFY STYLE AND FINISH W// OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS W/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1:48 MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER. SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA @ 34" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A2301.
40. SINGLE BOWL STAINLESS STEEL SINK W/ DISPOSAL OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 1C & 14/A301.
41. ACCESSIBLE GAS RANGE W/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&9C/A301.
42. ISLAND COUNTER TOP @ 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB, SLOPE FLOOR 2" DOWN FROM CURB TO O.H. DOOR. SEE SECTION 3/A701 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN W// WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP @ 34" A.F.F. W/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL FRAMED WALL W/ WOOD CAP.
49. CULTURED STONE THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS W/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A130.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT: TILE IN PET WASH
59. GAS GRILL W/ SHUT-OFF TIMER. VERIFY MODEL W/ OWNER.
60. MASONRY WALL W/ CAP FOR SEATING, VERIFY STYLE W/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST W/ CAP & LIGHT FIXTURE. VERIFY STYLE W/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING, ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 2x6 WOOD STUDS @ 16" O.C. w/ @ LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W// ELEV. MFGR.
70. SUMP PIT W// PUMP. VERIFY LOCATION W/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 10C/A301.
    - ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MINI REFRIGERATOR. SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY W// OWNER.
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS, SAME AS CROSS ABOVE. AT NON-SHEARWALL LOCATIONS, SEE DETAILS 3A-B/A803.

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS W/ OWNER/G.C.
B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.
C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.
D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.
E) ALL DOOR HARDWARE TO BE LEVER TYPE.
F) VERIFY ALL SPECIALTY EQUIPMENT W/ OWNER/G.C.
G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.
H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK (48" ON EACH ADJACENT WALL).
J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED W/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A301, 28 & 29/A802.
K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE W/ SUPPLIER.
L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.
M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A2.00 UNIT PLAN SHEETS & A3O1 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.
N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 3" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. IS' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.
P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.
Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.
R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.
S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE, OR DIFFERENTIAL MOVEMENTS, AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE. DESIGN BUILD PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED (IBC SECTION 2304.3.3). THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR PROPER FRAMING, AND POTENTIAL SHRINKAGE.
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE
U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 5/A902 TO MAINTAIN FIRE RATING AND FIRE BLOCKING REQUIREMENTS.
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION.
W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBERGLASS INSULATION, WHENEVER POSSIBLE, PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE
X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUTTPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.

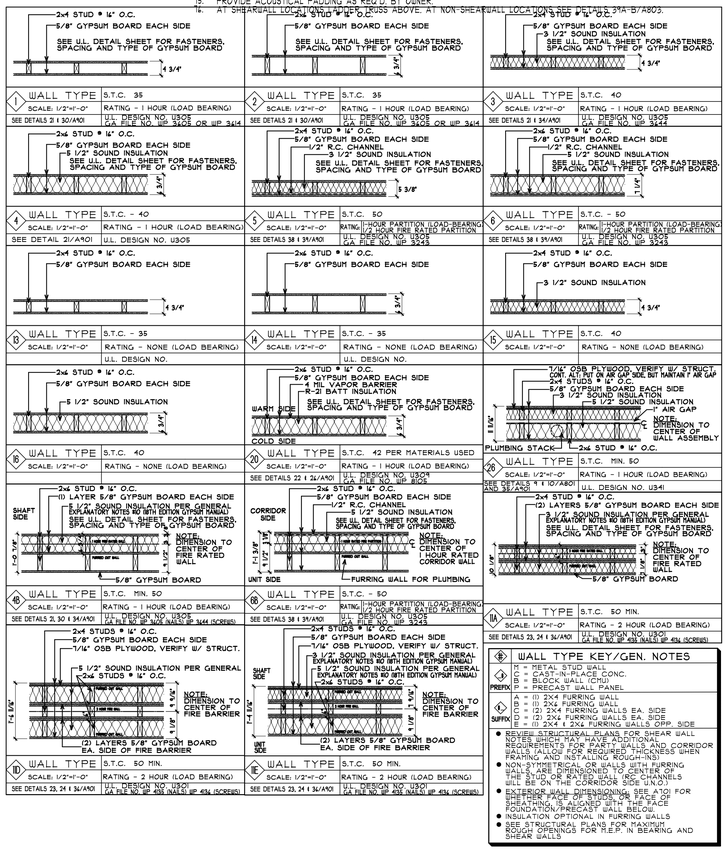


KEY PLAN
NO SCALE



THIRD FLOOR PLAN - AREA "B"
SCALE: 1/8" = 1'-0"

WALL KEY
- 1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT
- 2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE
- FULL HEIGHT ATTIC DRAFT STOP



1 WALL TYPE	S.T.C. 35	2 WALL TYPE	S.T.C. 35
SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
SEE DETAILS 2 & 30/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3405 OR WP 3414	SEE DETAILS 2 & 30/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3405 OR WP 3414
3 WALL TYPE	S.T.C. 40	4 WALL TYPE	S.T.C. - 40
SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
SEE DETAILS 2 & 34/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3422	SEE DETAIL 21/A901	U.L. DESIGN NO. U305
5 WALL TYPE	S.T.C. 50	6 WALL TYPE	S.T.C. - 50
SCALE: 1/2"=1'-0"	RATING 2-HOUR PARTITION (LOAD-BEARING) (2 HOUR FIRE RATED PARTITION	SCALE: 1/2"=1'-0"	RATING 2-HOUR PARTITION (LOAD-BEARING) (2 HOUR FIRE RATED PARTITION
SEE DETAILS 38 & 39/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3245	SEE DETAILS 38 & 39/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3245
7 WALL TYPE	S.T.C. - 35	8 WALL TYPE	S.T.C. - 35
SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)
	U.L. DESIGN NO.		U.L. DESIGN NO.
10 WALL TYPE	S.T.C. 40	20 WALL TYPE	S.T.C. 42 PER MATERIALS USED
SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
		SEE DETAILS 22 & 24/A901	U.L. DESIGN NO. U304 G.A. FILE NO. WP 3505
15 WALL TYPE	S.T.C. 40	25 WALL TYPE	S.T.C. MIN. 50
SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)
		SEE DETAILS 1 & 7/D7/A901 AND 38/A901	U.L. DESIGN NO. U341
18 WALL TYPE	S.T.C. MIN. 50	28 WALL TYPE	S.T.C. - 50
SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING 2-HOUR PARTITION (LOAD-BEARING) (2 HOUR FIRE RATED PARTITION
SEE DETAILS 21, 30 & 34/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3405 (WALS) WP 3444 (SCREWS)	SEE DETAILS 38 & 39/A901	U.L. DESIGN NO. U305 G.A. FILE NO. WP 3245
1A WALL TYPE	S.T.C. 50 MIN.	1C WALL TYPE	S.T.C. 50 MIN.
SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)
SEE DETAILS 23, 24 & 34/A901	U.L. DESIGN NO. U301 G.A. FILE NO. WP 4316 (WALS) WP 4314 (SCREWS)	SEE DETAILS 23, 24 & 34/A901	U.L. DESIGN NO. U301 G.A. FILE NO. WP 4316 (WALS) WP 4314 (SCREWS)

WALL TYPE KEY/GEN. NOTES

1 PREFIX: M = METAL STUD WALL; C = CAST-IN-PLACE CONC.; B = BLOCK WALL (CMU); P = PRECAST WALL PANEL

2 SUFFIX: A = (1) 2X4 FURRING WALL; B = (1) 2X4 FURRING WALL; C = (2) 2X4 FURRING WALLS EA. SIDE; D = (2) 2X4 FURRING WALLS EA. SIDE; E = (1) 2X4 & 2X4 FURRING WALLS OPP. SIDE

- REVIEW STRUCTURAL PLANS FOR SHEAR WALL NOTES WHICH MAY HAVE ADDITIONAL REQUIREMENTS FOR PARTY WALLS AND CORRIDOR WALLS (ALLOW FOR REQUIRED THICKNESS WHEN FRAMING AND INSTALLING ROUGH-INS)
- NON-SYMMETRICAL OR WALLS WITH FURRING ONLY SHALL BE ORIENTED TO CENTERLINE OF FIRE WALL OR BEARING WALL. FURRING PANELS WILL BE ON THE CORRIDOR SIDE U.N.O.
- EXTERIOR WALL DIMENSIONING SEE A/101 FOR FOUNDATION/PRECAST WALL DIMENSIONING. SHEATHING IS ALIGNED WITH THE FACE FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR R.F.P. IN BEARING AND SHEAR WALLS

COLE GROUP ARCHITECTS, LLC
2414 Park Avenue South, Suite 102, Saint Cloud, MN 56301
(320) 654-4510
www.colegrouparchitects.com

COLE GROUP, ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. herefore. ---- COPYRIGHT 2025 Cole Group Architects, Inc

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of MINNESOTA

Name DAVID J. MAJCHRZAK

LICENSED ARCHITECT 56381 10/10/25 DAVID JOSEPH MAJCHRZAK STATE OF MINNESOTA

DEVELOPER:
PARK & THIRD LLC, MN
ALEXANDRIA, LLC,
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MIN

REVISIONS COMMENTS	REVISIONS COMMENTS

COM: 5 FILE: 24022P COM: 5 FILE: 24022S PLOTTED: 03-11-25

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET
-

A103B

NUMBER NOTES ←(#)

1. 5'-4"x5'-4" (MIN.) CONCRETE STOOP WITH FROST FOOTINGS.
2. FIRE DEPARTMENT KEY BOX. VERIFY LOCATION WITH FIRE MARSHAL.
3. FIRE DEPARTMENT CONNECTION. VERIFY LOCATION WITH FIRE MARSHAL.
4. INTERCOM SECURITY SYSTEM. SEE ELECTRICAL PLANS.
5. EMERGENCY/EXIT LIGHT. SEE ELECTRICAL PLANS.
6. FIRE DEPARTMENT ANNUNCIATOR PANEL. VERIFY LOCATION WITH FIRE MARSHAL.
7. EXTEND HANDRAIL AT BOTTOM OF STAIR 1" PAST BOTTOM RISER.
8. EXTEND HANDRAIL AT TOP OF STAIR 12" HORIZONTAL BEYOND NOSE OF LANDING.
9. FIRE EXTINGUISHER IN RECESSED BLACK CABINET. MAINTAIN 1 HOUR RATING BEHIND. SEE DETAILS 10/A230, 4R/A302 & 5/A801.
10. FLOOR DRAIN. VERIFY LOCATION w/ PLUMBING PLANS. SLOPE FLOOR TO DRAIN WHERE REQUIRED.
11. FIRE EXTINGUISHER, SEE DETAIL 10/A301 & 45/A302 FOR MOUNTING HEIGHT.
12. SEE MECHANICAL & ELECTRICAL PLANS FOR EQUIPMENT THIS ROOM BY OTHERS.
13. MOP SINK. PROVIDE FRP ON ADJACENT WALLS 48" HIGH MIN. VERIFY LOCATION w/ PLUMBING PLANS.
14. DRAFT STOP IN ATTIC TRUSS SPACE IN LINE WITH UNIT PARTY WALL BELOW. PROVIDE EVERY TWO UNITS OR 3,000 S.F. w/ SELF CLOSING ACCESS DOORS, SEE DETAILS 23 & 24/A802.
15. EPOXY PAINT ON CEILING AND QUARTZ EPOXY FLOORING THIS ROOM.
16. 1 HR. RATED 22"x30" MIN. LOCKING ATTIC ACCESS, SEE DETAIL 2/A801.
17. DRAFT STOP IN FLOOR TRUSS SPACE INLINE W/ PARTY WALLS BETWEEN UNITS AND BETWEEN PUBLIC SPACES AN UNITS PUBLIC AREA TO HAVE DRAFT STOPS EVERY 1,000 S.F. MAX.
18. FRONT LOADING MAILBOXES. VERIFY STYLE AND FINISH WITH OWNER. SEE DETS. 28 & 29/A802
19. PACKAGE ROOM SHELVING BY OWNER.
20. DOOR TO MEET ADA CLEARANCES PER DETAILS 7 & 15C/A301 AND 13/A302.
21. STRUCTURAL COLUMN, SEE STRUCTURAL DWGS. RATE COLUMN 1 HR. PER DET 41/A901 AS REQ'D.
22. ELEVATOR CALL BUTTON. PROVIDE FORWARD APPROACH CLEAR FLOOR SPACE.
23. LINE OF ROOF, CEILING, WALL OR SOFFIT ABOVE, SHOWN DASHED.
24. LINE OF ROOF BELOW.
25. ACCESSIBLE LAVATORY SEE PLUMBING PLANS BY OTHERS AND DETAILS 4, 5C & 4C/A301.
26. ACCESSIBLE TOILET, PROVIDE BLOCKING AND GRAB BARS. SEE PLUMBING PLANS BY OTHERS AND DETAILS 1-3 & 7C/A301.
27. FURNITURE BY OWNER.
28. OPEN SHELVING/COAT HOOKS. VERIFY STYLE w/ OWNER.
29. REQUIRED ACCESSIBLE TURNING CLEARANCES SHOWN DASHED. SEE DETAIL 14C/A301.
30. HANDRAIL MOUNTED 34"-38" A.F.F. ON BOTH SIDES OF THE STAIR. VERIFY STYLE AND FINISH W/ OWNER.
31. TWO WAY COMMUNICATION DEVICE & SIGNAGE FOR EMERGENCY CALL.
32. LINE OF BUILDING CANTILEVER ABOVE, SHOWN DASHED.
33. CONCRETE PATIO ON 1ST FLOOR AND WALL HUNG PREFINISHED METAL BALCONY ON 2ND & 3RD FLOORS w/ 42" HIGH PREFINISHED GUARD RAIL.
34. SLOPE WALK DOWN 4" AT LESS THAN 1:20 SLOPE.
35. SLOPE FLOOR AT 1/4B MAX. THIS AREA.
36. PAINTED ACCESSIBLE PARKING SYMBOL, SEE DETAIL 2/A010.
37. 8'-0" WIDE STRIPED ACCESS AISLE.
38. ACCESSIBLE DISHWASHER, SEE DETAIL 10C/A301.
39. ACCESSIBLE WORK AREA @ 34" A.F.F. ADJACENT TO RANGE. SEE DETAILS 9 & 12C/A230.
40. SINGLE BOWL STAINLESS STEEL SINK w/ DISPOSAL. OPEN FORWARD APPROACH BELOW W/ SLOPED CABINET. FINISHED FLOOR BELOW. SEE DETS. 9, 11C & 14/A301.
41. ACCESSIBLE GAS RANGE w/ FRONT CONTROLS & VENT HOOD ABOVE. SEE DETAILS 9&9C/A301.
42. ISLAND COUNTER TOP @ 42" A.F.F.
43. ACCESSIBLE REFRIGERATOR. SEE DETAIL 8C/A301.
44. LINE OF UPPER CABINETS.
45. CONTINUOUS 4" HIGH CONCRETE SLAB. SLOPE FLOOR 2" DOWN FROM CURB TO O.H. DOOR. SEE SECTION 3/A101 FOR SLAB ELEVATIONS HEIGHTS.
46. ACCESSIBLE DRINKING FOUNTAIN W/ WATER BOTTLE FILLER. SEE PLUMBING PLANS AND DETAIL 6/A301.
47. COUNTER TOP @ 34" A.F.F. w/ GROMMET FOR REFUSE/RECYCLING.
48. 42" HIGH GUARD RAIL. FRAMED WALL w/ WOOD CAP.
49. CULTURED STONE. THIS LOCATION SHOWN HATCHED. SEE EXTERIOR ELEVATIONS.
50. LINE OF BALCONY ABOVE.
51. FIREPLACE WITH SURROUND, MANTLE AND HEARTH. VERIFY ALL FINISHES AND EQUIPMENT WITH OWNER.
52. BUILT-IN CABINETRY THIS LOCATION. VERIFY REQUIREMENTS WITH OWNER.
53. FRAME OUT WALL AS REQUIRED FOR FIRE PLACE AND SURROUND. VERIFY REQUIREMENTS w/ OWNER.
54. 1 HOUR RATED PRE-FAB. TRASH CHUTE. SEE SECTION 18/A150.
55. EXERCISE EQUIPMENT. VERIFY REQUIREMENTS WITH OWNER.
56. PROVIDE ROUGH-IN FOR FUTURE ELECT. CAR CHARGING STATION.
57. DOG WASH STATION. SEE MEP PLANS FOR CONNECTIONS.
58. F.R.P. ON ALL WALLS THIS ROOM TO 8'-0" MIN. CONT. ALT: TILE IN PET WASH
59. GAS GRILL w/ SHUT-OFF TIMER. VERIFY MODEL w/ OWNER.
60. MASONRY WALL w/ CAP FOR SEATING. VERIFY STYLE w/ OWNER.
61. 24" WIDE CONCRETE APRON AT ALL OVERHEAD DOORS.
62. MASONRY CORNER POST w/ CAP & LIGHT FIXTURE VERIFY STYLE w/ OWNER.
63. 2 HOUR FIRE WALL TO EXTEND FROM FOUNDATION THRU ATTIC TO ROOF SHEATHING ABOVE, SHOWN HATCHED.
64. COLORED & STAMPED CONCRETE PATIO. SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS AS REQ'D. AND SLOPE AWAY FROM BUILDING.
65. 1 HR. FIRE BARRIER WALL SHOWN HATCHED. WALL BUILT TO FLOOR SHTG. / 1 HR. RATED ASSEMBLY ABOVE.
66. 2x6 WOOD STUDS @ 16" O.C. w/ (1) LAYER OF 5/8" GYPSUM BOARD.
67. COUNTER TOP WITH BASE CABINETS BELOW @ 34" A.F.F. VERIFY BACK SPLASH WITH G.C.
68. 48" HIGH WALL MIRROR. MOUNTING HEIGHT TO MATCH FITNESS ROOM DOOR HEAD HEIGHT.
69. 1 HOUR RATED MACHINE-ROOM LESS ELEVATOR. VERIFY SHAFT CLEARANCES AND REQUIREMENTS W/ ELEV. MFGR.
70. SUMP PIT W/ PUMP. VERIFY LOCATION W/ MECHANICAL DRAWINGS.
71. PROVIDE ELECT. AND A/V CONNECTIONS FOR TV THIS LOCATION. VERIFY WITH OWNER. (NOTE FOR FITNESS ROOM: TVS CENTERED ABOVE EQUIPMENT, 2' BELOW CEILING FOR OUTLET LOCATION)
72. ACCESSIBLE SINK BY INT. DES. W/ PARALLEL APPROACH CLEARANCE ONLY. SEE DETAILS 9 & 11C/A301.
- ADD WATER LINE FOR COFFEE STATION, SEE INT. DES. & PLUMBING PLANS.
73. ACCESSIBLE MINI REFRIGERATOR, SEE DETAIL 8C/A301.
74. RADIO ON/OFF LIGHT. VERIFY W/ OWNER
75. PROVIDE ACOUSTICAL PADDING AS REQ'D. BY OWNER.
76. AT SHEARWALL LOCATIONS LADDER TRUSS ABOVE. AT NON-SHEARWALL LOCATIONS SEE DETAILS 3#A-B/A803.

GENERAL NOTES:

A) VERIFY ADDITIONAL FINISH REQUIREMENTS w/ OWNER/G.C.

B) PROVIDE FIRE EXTINGUISHERS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL. DO NOT LOCATE IN WALL OPPOSITE OF GRAB BAR LOCATIONS.

C) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

D) PROVIDE TEMPERED/SAFETY GLASS @ ALL GLAZED OPENINGS WITHIN 24" OF DOOR JAMB AND OTHER LOCATIONS AS REQUIRED BY CODE.

E) ALL DOOR HARDWARE TO BE LEVER TYPE.

F) VERIFY ALL SPECIALTY EQUIPMENT w/ OWNER/G.C.

G) PROVIDE EMERGENCY LIGHTING PER CODE. VERIFY LOCATION w/ FIRE MARSHALL.

H) PROVIDE F.R.P. WALL PANELS @ JANITOR SINK (48" ON EACH ADJACENT WALL).

J) FINISHED GYPSUM BOARD OPENING FOR MAILBOXES TO BE VERIFIED w/ OWNER. MAINTAIN ACCESSIBLE REACH RANGES. SEE DETAILS 10/A301, 28 & 29/A802.

K) VERIFY ELEVATOR SHAFT SIZE, PIT DEPTH AND OVERHEAD CLEARANCE w/ SUPPLIER.

L) HVAC CONTRACTOR TO PROVIDE CLEAR LOCKING THERMOSTAT COVER AT ALL PUBLIC AREAS.

M) ALL CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF OR BELOW CLOTHES DRYERS. NOTE: SOME PLANS MAY BE MIRRORED, REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.

N) G.C. TO PROVIDE IDENTIFICATION ON ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS AND SMOKE BARRIERS IN ACCESSIBLE CONCEALED SPACES. MIN. 5" LETTERING AND 3/8" STROKE IN CONTRASTING COLOR. 5' FROM THE END OF WALL AND NO MORE THAN 30' HORIZONTALLY.

P) REFER TO MECHANICAL & ELECTRICAL DRAWINGS BY ENGINEER OF RECORD FOR ADDITIONAL REQUIREMENTS.

Q) PROVIDE ALT. BID TO WIRE BUILDING FOR CAMERA SYSTEM. VERIFY EXTENTS AND REQUIREMENTS WITH THE OWNER.

R) ALL STRUCTURAL STEEL SHALL BE FIRE PROTECTED WITH INTUMESCENT PAINT OR PER PROVIDED DETAILS, INDEPENDENT OF THE ASSEMBLY THEY ARE WITHIN.

S) WOOD WALLS AND BEARING PARTITIONS SHALL ACCOUNT FOR EXCESSIVE SHRINKAGE OR DIFFERENTIAL MOVEMENTS, AS PRESCRIBED BY THE STRUCTURAL ENGINEER OF RECORD, AND NOT HAVE ADVERSE EFFECTS ON THE STRUCTURE, DESIGN BUILD PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS OR OTHER EQUIPMENT INSTALLED IBC SECTION 2303.3). THE EXTERIOR CLADDING SHALL CONFORM TO THE MANUFACTURER REQUIREMENTS FOR FURRING, AND POTENTIAL SHRINKAGE.

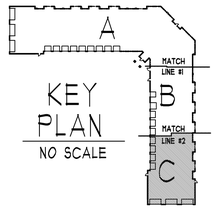
T) ALL PUBLIC CABINETRY TO BE PROVIDED WITH ADA PULL HARDWARE

U) ALL CONCEALED/DEAD SPACES IN ODD SHAPED CORNERS, BEHIND TUBS, SHOWERS, A/C'S, ETC. MUST HAVE GYPSUM BOARD ON THE BOTTOM OF TRUSSES PER 4 OR 6/A402 TO MAINTAIN FIRE RATING AND FIREBLOCKING REQUIREMENTS.

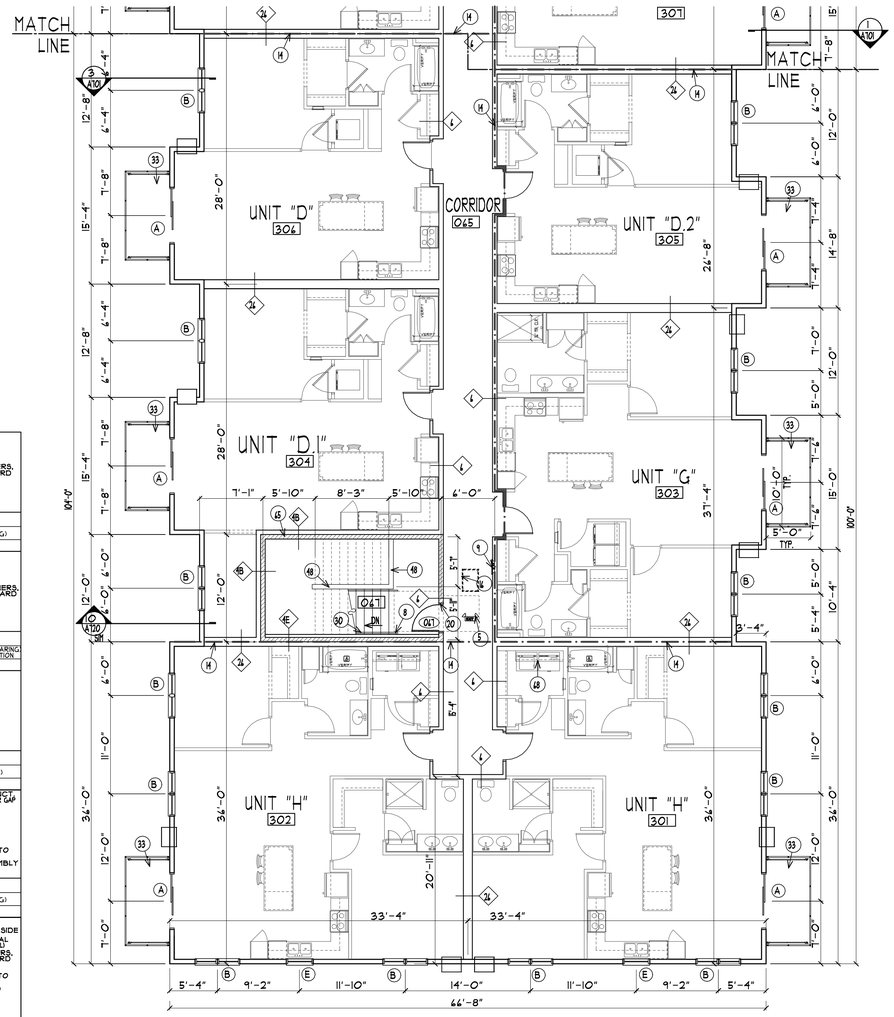
V) PROVIDE SPRAY FOAM AS REQUIRED BEHIND OUTLETS OR GASKETED OUTLETS TO PASS AIR LEAKAGE TEST REQUIRED BY AUTHORITY HAVING JURISDICTION

W) UL LISTED ELECTRICAL BOXES, ETC. THAT PENETRATES THE MEMBRANE OF FIRE RESISTIVE WALLS AND UNIT TO UNIT PARTY WALLS SHALL BE OFFSET BY A DISTANCE OF NOT LESS THAN 24" OR PROTECTED BY FILLING THE WALL CAVITY IN WHICH THE NON-SEPARATED PENETRATIONS OCCUR WITH UL LISTED FIBREGLASS INSULATION, WHENEVER POSSIBLE, PENETRATIONS SHALL NOT BE LOCATED IN THE SAME STUD SPACE

X) NOTE TO WALL PANEL SUPPLIER: ENSURE INTERIOR PARTITION WALLS (DEMISING WALL, SHAFT WALL, INTERIOR UNIT WALL, ETC.) ARE TO BE FLUSH WITH EXTERIOR WALL BUMPOUTS. NO JOGS ALLOWED IN FRAMING/GYPSUM BOARD.



KEY PLAN
NO SCALE



THIRD FLOOR PLAN - AREA "C"
SCALE: 1/8" = 1'-0"

1	WALL TYPE	S.T.C. 35	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2 & 1 30/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3606 OR U/P 3614	
2	WALL TYPE	S.T.C. 35	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2 & 1 30/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3606 OR U/P 3614	
3	WALL TYPE	S.T.C. 40	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 2 & 1 34/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3624	
4	WALL TYPE	S.T.C. - 40	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAIL 2/A901		U.L. DESIGN NO. U309	
5	WALL TYPE	S.T.C. 50	RATING 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION
	SCALE: 1/2"=1'-0"		
SEE DETAILS 38 & 39/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3245	
6	WALL TYPE	S.T.C. 50	RATING 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION
	SCALE: 1/2"=1'-0"		
SEE DETAILS 38 & 39/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3245	
13	WALL TYPE	S.T.C. - 35	
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
14	WALL TYPE	S.T.C. - 35	
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
15	WALL TYPE	S.T.C. 40	
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
16	WALL TYPE	S.T.C. 40	
	SCALE: 1/2"=1'-0"	RATING - NONE (LOAD BEARING)	
		U.L. DESIGN NO.	
20	WALL TYPE	S.T.C. 42 PER MATERIALS USED	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 22 & 24/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3605	
26	WALL TYPE	S.T.C. MIN. 50	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS & 1 10/A801 AND 38/A901		U.L. DESIGN NO. U341	
46	WALL TYPE	S.T.C. MIN. 50	
	SCALE: 1/2"=1'-0"	RATING - 1 HOUR (LOAD BEARING)	
SEE DETAILS 21, 30 & 34/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3606 OR U/P 3614 (SCREWS)	
18	WALL TYPE	S.T.C. - 50	RATING 1 HOUR PARTITION (LOAD-BEARING) 1/2 HOUR FIRE RATED PARTITION
	SCALE: 1/2"=1'-0"		
SEE DETAILS 38 & 39/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3245	
10	WALL TYPE	S.T.C. 50 MIN.	
	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	
SEE DETAILS 23, 24 & 34/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3615 (NAILS) OR U/P 4314 (SCREWS)	
1E	WALL TYPE	S.T.C. 50 MIN.	
	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	
SEE DETAILS 23, 24 & 34/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3615 (NAILS) OR U/P 4314 (SCREWS)	
1A	WALL TYPE	S.T.C. 50 MIN.	
	SCALE: 1/2"=1'-0"	RATING - 2 HOUR (LOAD BEARING)	
SEE DETAILS 23, 24 & 34/A901		U.L. DESIGN NO. U305 GA FILE NO. WP 3615 (NAILS) OR U/P 4314 (SCREWS)	

WALL TYPE KEY/GEN. NOTES

PREFIX: M = METAL STUD WALL; C = CAST-IN-PLACE CONC.; B = BLOCK WALL (CMU); P = PRECAST WALL PANEL

SUFFIX: A = (1) 2X4 FURRING WALL; B = (1) 2X6 FURRING WALL; C = (2) 2X4 FURRING WALLS EA. SIDE; D = (2) 2X6 FURRING WALLS EA. SIDE; E = (1) 2X4 & 2X6 FURRING WALLS OPP. SIDE

- REVIEW STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS THAT HAVE ADDITIONAL CONSTRUCTION REQUIREMENTS FOR WALLS & CORRIDOR WALLS. ALLOW FOR REQUIRED BLOCKING WHEN FRAMING AND INSTALLING ROUGH-INS!!
- NON-SYMMETRICAL OR WALLS WITH FURRING WALLS, ARE DIMENSIONED TO CENTER OF THE STUD OR RATED WALL (RC) CHANNELS WILL BE ON THE CORRIDOR SIDE U.N.O.)
- EXTERIOR WALL DIMENSIONING: SEE A'20 FOR WHETHER FACE OF STUDS, OR FACE OF SHEATHING, IS ALIGNED WITH THE FACE FOUNDATION/PRECAST WALL BELOW.
- INSULATION OPTIONAL IN FURRING WALLS
- SEE STRUCTURAL PLANS FOR MAXIMUM ROUGH OPENINGS FOR H.E.P. IN BEARING AND SHEAR WALLS

WALL KEY

1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT

2 HOUR RATED FIRE WALL CONTINUOUS FROM TOP OF FIRST FLOOR SLAB BELOW TO UNDERSIDE OF ROOF SHEATHING ABOVE

FULL HEIGHT ATTIC DRAFT STOP

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the written permission and consent of COLE GROUP ARCHITECTS, Inc. In the event unauthorized reuse of these plans by a third party occurs, such party shall indemnify and hold harmless COLE GROUP ARCHITECTS, Inc. for any and all damages, losses, and expenses arising out of or resulting therefrom.

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 1012
Saint Cloud, MN 56301
(320) 493-4513
www.colegrouparchitects.com

DAVID J. MACHURA — LICENSED ARCHITECT — 60361 — 03/17/25 — STATE OF MINNESOTA

These documents are not valid for building permit, unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the STATE OF MINNESOTA
Name: DAVID J. MACHURA

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

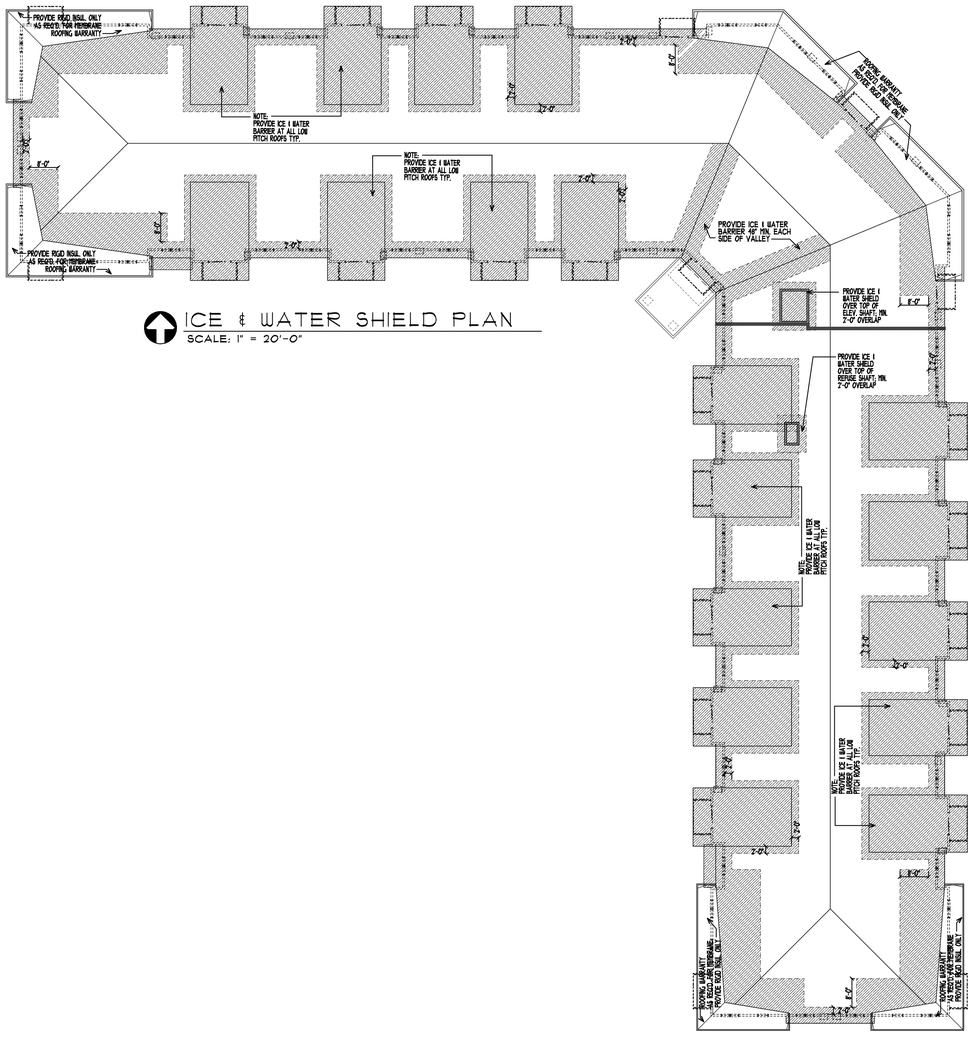
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

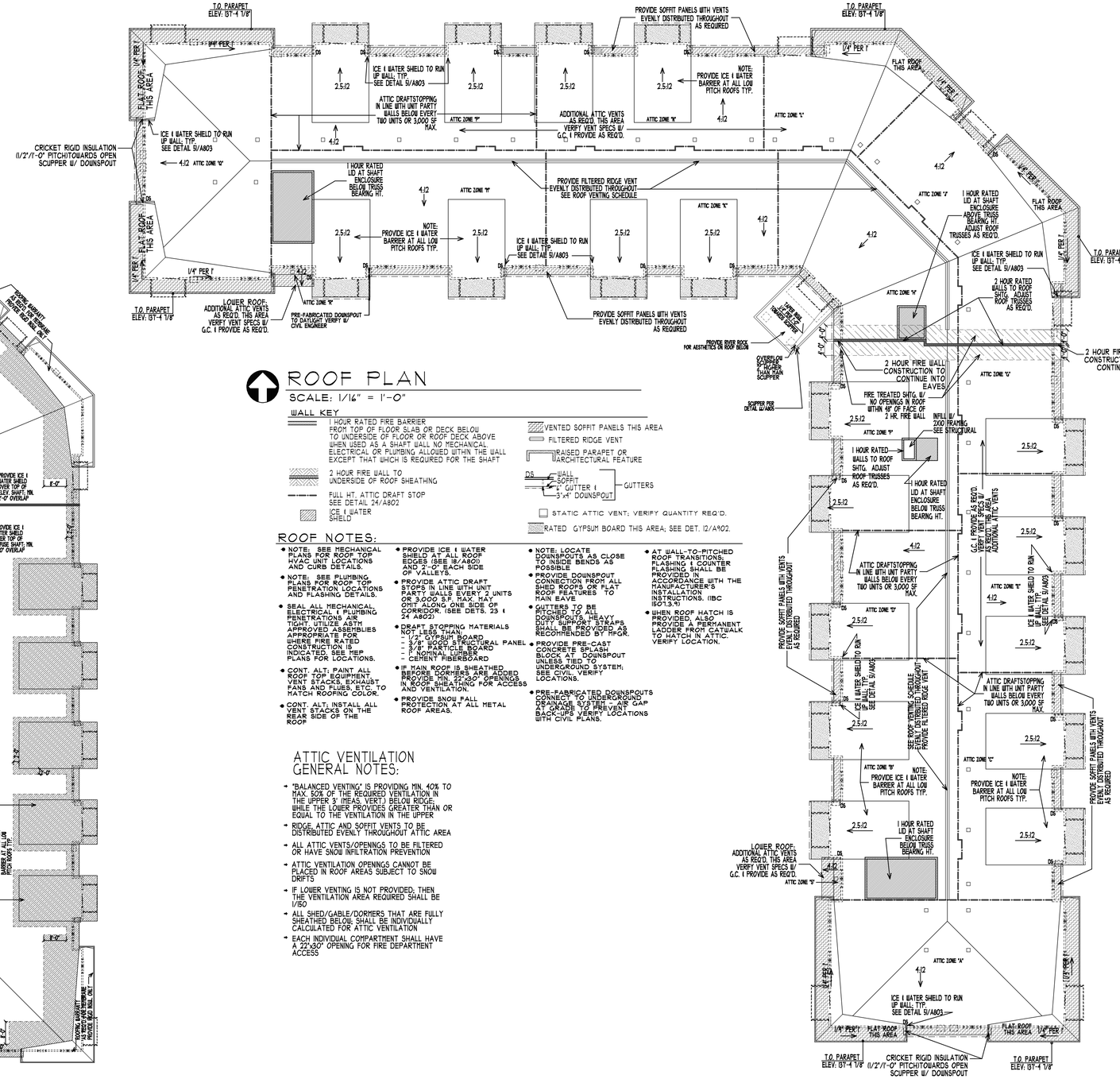
A103C

PLOTTED: 03-11-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5



ICE & WATER SHIELD PLAN

SCALE: 1" = 20'-0"



ROOF PLAN

SCALE: 1/16" = 1'-0"

WALL KEY

- 1 HOUR RATED FIRE BARRIER FROM TOP OF FLOOR SLAB OR DECK BELOW TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE WHEN USED AS A SHAFT WALL. NO MECHANICAL, ELECTRICAL OR PLUMBING ALLOWED WITHIN THE WALL EXCEPT THAT WHICH IS REQUIRED FOR THE SHAFT
- 2 HOUR FIRE WALL TO UNDERSIDE OF ROOF SHEATHING
- FULL HT. ATTIC DRAFT STOP SEE DETAIL 24/A802
- ICE & WATER SHIELD
- VENTED SOFFIT PANELS THIS AREA
- FILTERED RIDGE VENT
- RAISED PARAPET OR ARCHITECTURAL FEATURE
- DS WALL SOFFIT 4" GUTTER & 3"x4" DOWNSPOUT — GUTTERS
- STATIC ATTIC VENT; VERIFY QUANTITY REQ'D.
- RATED GYPSUM BOARD THIS AREA; SEE DET. 12/A902.

ROOF NOTES:

- NOTE: SEE MECHANICAL PLANS FOR ROOF TOP HVAC UNIT LOCATIONS AND CURB DETAILS.
- NOTE: SEE PLUMBING PLANS FOR ROOF TOP PENETRATION LOCATIONS AND FLASHING DETAILS.
- SEAL ALL MECHANICAL, ELECTRICAL & PLUMBING PENETRATIONS AIR TIGHT. UTILIZE ASTM APPROVED ASSEMBLIES APPROPRIATE FOR WHERE FIRE RATED CONSTRUCTION IS INDICATED. SEE MEP PLANS FOR LOCATIONS.
- CONT. ALT: PAINT ALL ROOF TOP EQUIPMENT, VENT STACKS, EXHAUST FANS AND FLUES, ETC. TO MATCH ROOFING COLOR.
- CONT. ALT: INSTALL ALL VENT STACKS ON THE REAR SIDE OF THE ROOF
- PROVIDE ICE & WATER SHIELD AT ALL ROOF EDGES (SEE 8/A801) AND 2'-0" EACH SIDE OF VALLEYS.
- PROVIDE ATTIC DRAFT STOPS IN LINE WITH UNIT PARTY WALLS EVERY 2 UNITS OR 3,000 S.F. MAX. MAY OMIT ALONG ONE SIDE OF CORRIDOR. (SEE DETS. 23 & 24 A802)
- DRAFT STOPPING MATERIALS NOT LESS THAN:
  - 1/2" GYPSUM BOARD
  - 3/8" WOOD STRUCTURAL PANEL
  - 5/8" PARTICLE BOARD
  - NOMINAL LUMBER
  - CEMENT FIBERBOARD
- IF MAIN ROOF IS SHEATHED BEFORE DORMERS ARE ADDED PROVIDE MIN. 22"x30" OPENINGS IN ROOF SHEATHING FOR ACCESS AND VENTILATION.
- PROVIDE SNOW FALL PROTECTION AT ALL METAL ROOF AREAS.
- NOTE: LOCATE DOWNSPOUTS AS CLOSE TO INSIDE BENDS AS POSSIBLE
- PROVIDE DOWNSPOUT CONNECTION FROM ALL SHED ROOFS OR FLAT ROOF FEATURES TO MAIN EAVE
- GUTTERS TO BE PITCHED TO ALL DOWNSPOUTS. HEAVY DUTY SUPPORT STRAPS SHALL BE PROVIDED AS RECOMMENDED BY MFGR.
- PROVIDE PRE-CAST CONCRETE SPLASH BLOCK AT DOWNSPOUT UNLESS TIED TO UNDERGROUND SYSTEM; SEE CIVIL VERIFY LOCATIONS.
- PRE-FABRICATED DOWNSPOUTS CONNECT TO UNDERGROUND DRAINAGE SYSTEM - AIR GAP AT GRADE TO PREVENT BACK-UPS VERIFY LOCATIONS WITH CIVIL PLANS.
- AT WALL-TO-PITCHED ROOF TRANSITIONS, FLASHING & COUNTER FLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. (IBC 1507.3.9)
- WHEN ROOF HATCH IS PROVIDED, ALSO PROVIDE A PERMANENT LADDER FROM CATWALK TO HATCH IN ATTIC. VERIFY LOCATION.

ATTIC VENTILATION GENERAL NOTES:

- "BALANCED VENTING" IS PROVIDING MIN. 40% TO MAX. 50% OF THE REQUIRED VENTILATION IN THE UPPER 3' (MEAS. VERT.) BELOW RIDGE, WHILE THE LOWER PROVIDES GREATER THAN OR EQUAL TO THE VENTILATION IN THE UPPER
- RIDGE, ATTIC AND SOFFIT VENTS TO BE DISTRIBUTED EVENLY THROUGHOUT ATTIC AREA
- ALL ATTIC VENTS/OPENINGS TO BE FILTERED OR HAVE SNOW INFILTRATION PREVENTION
- ATTIC VENTILATION OPENINGS CANNOT BE PLACED IN ROOF AREAS SUBJECT TO SNOW DRIFTS
- IF LOUER VENTING IS NOT PROVIDED, THEN THE VENTILATION AREA REQUIRED SHALL BE 1/150
- ALL SHED/GABLE/DORMERS THAT ARE FULLY SHEATHED BELOW, SHALL BE INDIVIDUALLY CALCULATED FOR ATTIC VENTILATION
- EACH INDIVIDUAL COMPARTMENT SHALL HAVE A 22"x30" OPENING FOR FIRE DEPARTMENT ACCESS

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of MINNESOTA
Name DAVID J. MAJCHRZAK
DAVID MAJCHRZAK LICENSED ARCHITECT 60361 07/11/25 STATE OF MINNESOTA
COLE GROUP ARCHITECTS LLC. 214 Park Avenue South Suite 102 Saint Cloud, MN 56301 (320) 654-5513 www.colegrouparchitects.com
COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the written permission and consent of Cole Group Architects, Inc.

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

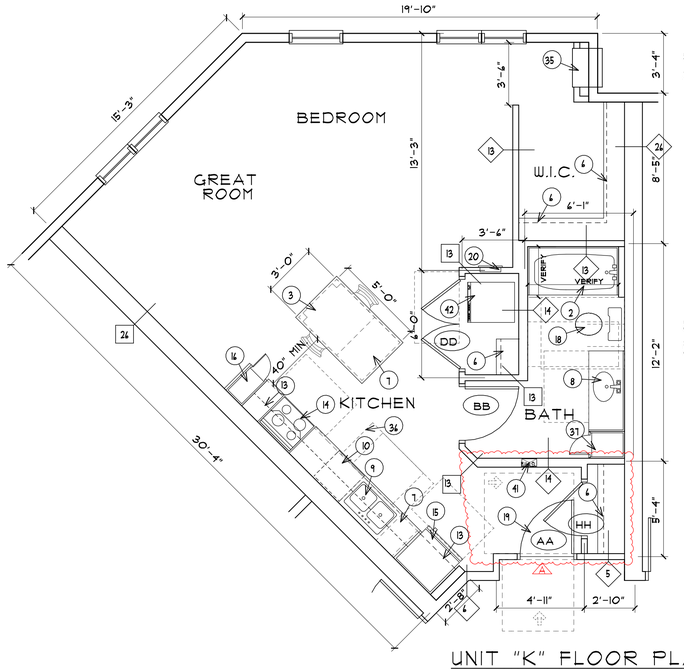
PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS

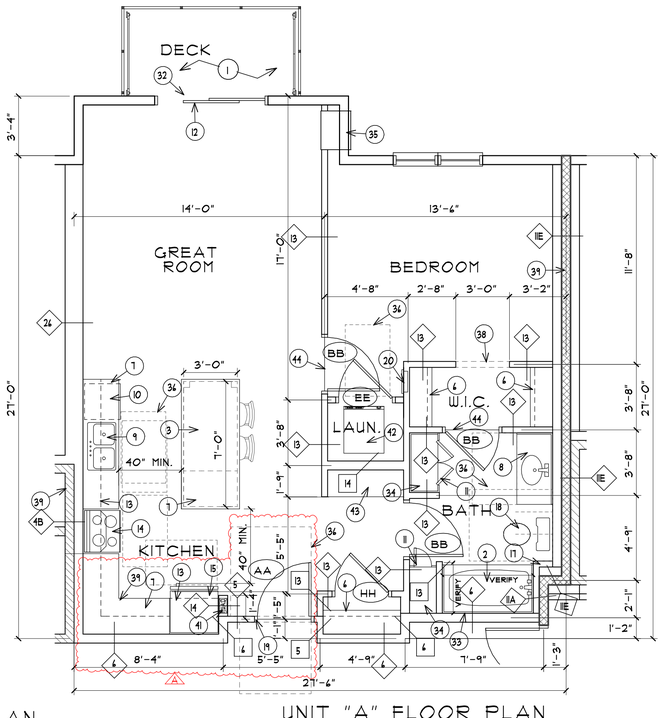
Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

A104

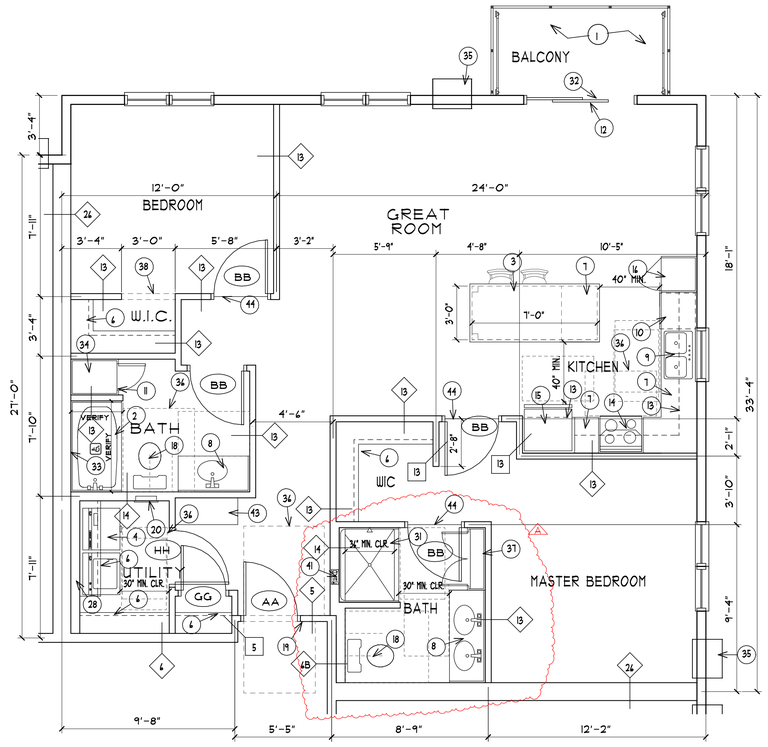
PLOTTED: 03-11-25 FILE: 24022S COM: 5 FILE: 24022P COM: 5



UNIT "K" FLOOR PLAN
SCALE: 1/4" = 1'-0" TYPE "B" 130 S.F.
STUDIO 1 BATH (1 TOTAL)



UNIT "A" FLOOR PLAN
SCALE: 1/4" = 1'-0" TYPE "B" 715 S.F.
1 BED 1 BATH (2 TOTAL)



UNIT "H" FLOOR PLAN
SCALE: 1/4" = 1'-0" TYPE "B" 1,149 S.F.
2 BED 1 3/4 BATH (8 TOTAL)

UNIT PLAN NUMBER NOTES

1. PATIO SLOPED AWAY FROM BUILDING AS REQ'D. OR BALCONY W/ 42" HIGH GUARD RAIL W/ INTERMEDIATE RAILS 4" O.C.
2. STANDARD TUB, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DETS. 11, 1B & 2B/A301.
3. BREAKFAST BAR VERIFY FINISH W/ OWNER.
4. SIDE BY SIDE WASHER DRYER W/ FRONT MOUNTED CONTROLS, SEE DET. 12B/A301.
5. ACCESSIBLE TURNING CLEARANCE SHOWN DASHED, SEE DET. 14A/A901.
6. PLASTIC COATED WIRE SHELVING
7. SOLID SURFACE COUNTERTOP W/ BASE CABINETS AT 34" A.F.F. SEE OWNER SPECS.
8. CULTURED MARBLE VANITY W/ INTEGRAL SINK, MAINTAIN 15" FROM CENTER OF TOILET MIN. SEE DETS. 4B - 7B/A301.
9. STAINLESS STEEL DOUBLE BOWL SINK, SEE DET 1B/A301. VERIFY UNDER MOUNT REQMTS. W/ SOLID SURFACE SELECTIONS.
10. DISHWASHER, SEE DET. 10B/A301.
11. CABINET INSERT BY CABINET SUPPLIER. FRAME & FINISH ABOVE IF GYP ON BOTH SIDES.
12. 3/4" MAX. BEVELED THRESHOLD AT SLIDING PATIO DOOR W/ 1/2 MAX. SLOPE. SEE DETS. 16B &17A/A301.
13. LINE OF UPPER CABINETS, SHOWN DASHED.
14. RANGE WITH CHARCOAL FILTERED VENT, SEE DET. 9B/A301. VERIFY VENTING REQMTS. W/ MECH.
15. REFRIGERATOR, SEE DET. 8B/A301.
16. PRE-FABRICATED KITCHEN PANTRY VERIFY STYLE W/ OWNER.
17. 2"X4" WD. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
18. STANDARD WATER CLOSET. PROVIDE BLOCKING FOR FUTURE GRAB BARS. SEE DETAILS 1, 2, 3, 14, 1B, 2B, &B & 7B/A301.
19. MAINTAIN PROPER ADA DOOR CLEARANCES, SEE DETS. 7 & 15C/A301.
20. ELECTRICAL PANEL MOUNTED 48" A.F.F. VERIFY LOCATION W/ ELECT.
21. SIDE BY SIDE WASHER & DRYER W/ FRONT MOUNTED CONTROLS. SEE DET. 13A/A301.
22. CLOTHES ROD & SHELF MOUNTED @ 48" A.F.F. SEE DET. 18A/A301.
23. ADA COMPLIANT REQUIRED WORK AREA @ 34" A.F.F. ADJACENT TO RANGE, SEE DETS. 9 & 12A/A301. FINISH FLOORING AND CABINETS UNDERNEATH.
24. ADA COMPLIANT DOUBLE BOWL STAINLESS STEEL SINK, SEE DETS. 9 & 11A/A301. VERIFY UNDER MOUNT REQMTS. W/ SOLID SURFACE SELECTIONS.
25. ADA COMPLIANT RANGE W/ FRONT MOUNTED CONTROLS, VENT TO OUTSIDE AS REQ'D. SEE DETS. 9 & 9A/A301.
26. ADA COMPLIANT CULTURED MARBLE VANITY W/ INTEGRAL SINK, SEE DETS. 4, 4A-7A/A301.
27. ADA COMPLIANT TUB, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DETS. 11 & 11A/A301.
28. 2"X4" WD. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
29. ADA COMPLIANT TOILET, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DET. 1-3, &A & 7A/A301.
30. ADA COMPLIANT REFRIGERATOR, SEE DET. 8A/A301.
31. 48" SHOWER W/ 34" MIN. CLR. DIMS. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS REQ'D. SEE DETS. 12 & 3B/A301.
32. PROVIDE ALTERNATE BID FOR BUG SCREEN AT ALL PATIO/BALCONY LOCATIONS.
33. INSTALL 5/8" GYP. BD. BEHIND SHOWER / TUB SURROUND TO MAINTAIN 1 HR. WALL RATING, SEE DET. 3/A801.
34. SHELVING, VERIFY REQUIREMENTS W/ OWNER.
35. THRU WALL A/C - PROVIDE REMOTE CONTROL
36. DASHED LINE SHOWS ADA FLOOR CLEARANCE REQUIREMENTS, SEE SHEET A301.
37. PRE-FABRICATED LINEN CLOSET, VERIFY W/ OWNER.
38. GYP. BD. BULKHEAD ABOVE SHOWN DASHED @ 80" A.F.F.
39. 1 HR RATED FIRE BARRIER / 2 HR. FIRE WALL SHOWN HATCHED, SEE PLAN FOR LOCATIONS.
40. ADA COMPLIANT DISHWASHER, SEE DET. 10A/A301.
41. TYP. UNIT VERIFY LOCATION W/ REF PLANS
42. STACKABLE WASHER & DRYER W/ FRONT MOUNTED CONTROLS, SEE DET. 13B/A301.
43. BUILT-IN BENCH, VERIFY SIZE & STYLE W/ OWNER
44. LINE OF CARPET FLOORING, VERIFY EXTENTS W/ OWNER.
45. VANITY W/ COUNTERTOP & SINK, MAINTAIN 15" FROM CENTER OF TOILET MIN. SEE DETS. 4B - 7B/A301. PROVIDE REMOVABLE CABINETRY AS REQ'D. FINISH WALL AND FLOORING AS REQ'D. SEE DET. 12A/A301.
46. SOLID SURFACE COUNTERTOP W/ BASE CABINETS AT 34" A.F.F. SEE OWNER SPECS.
47. 60" SHOWER W/ 34" MIN. CLR. DIMS. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS REQ'D. SEE DETS. 12 & 3B/A301.

GENERAL NOTES:

A) VERIFY ROOM FINISHES AND COLOR SELECTIONS W/ OWNER.

B) HVAC CONTRACTOR TO PROVIDE ACCESSIBLE HEIGHT MOUNTED THERMOSTAT AT ALL UNITS.

C) THE "TYPE A" UNITS TO BE PROVIDED WITH CABINETRY PULL HARDWARE IN KITCHEN AND BATHROOMS

D) PROVIDE 110 OUTLET IN LAUNDRY CLOSET VERIFY LOCATION W/ OWNER.

E) VERIFY ALL ROUGH OPENINGS DIMENSIONS W/SHOP DRAWINGS.

F) KITCHEN, BATHS & LAUNDRY CLOSETS TO HAVE LVT FLOORING AND WOOD BASE. VERIFY W/ OWNER.

G. PROVIDE BATHROOM ACCESSORIES IN EVERY UNIT BATHROOM; CURVED CURTAIN RODS, HAND TOWEL HOLDER, 24" TOWEL BAR, ROBE HOOK, AND TOILET PAPER HOLDER. PROVIDE BLOCKING AS REQUIRED, AND VERIFY LOCATION WITH INTERIOR DESIGNER UNO. SEE A302 FOR MOUNTING HEIGHTS.

H) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.

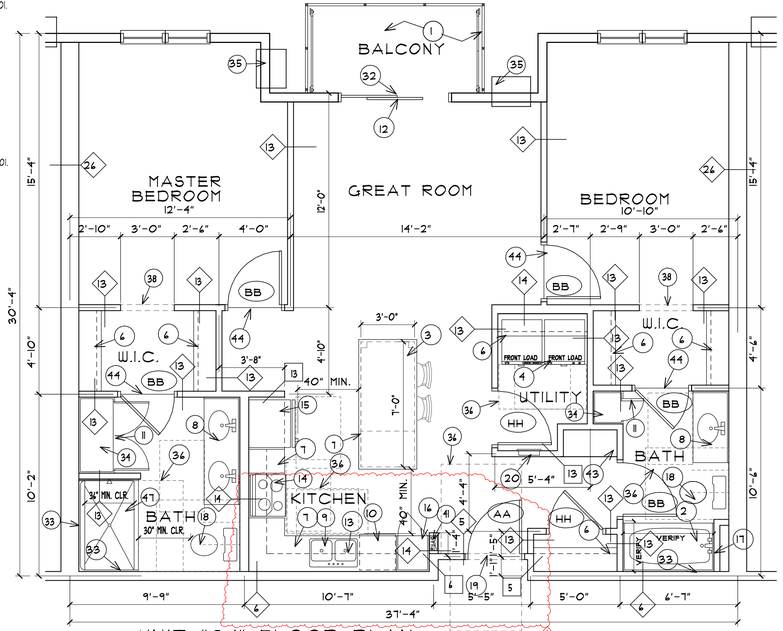
J) ALL DOOR HARDWARE TO BE LEVER TYPE. VERIFY STYLE W/ OWNER.

K) VERIFY ALL SPECIALTY EQUIPMENT W/ OWNER.

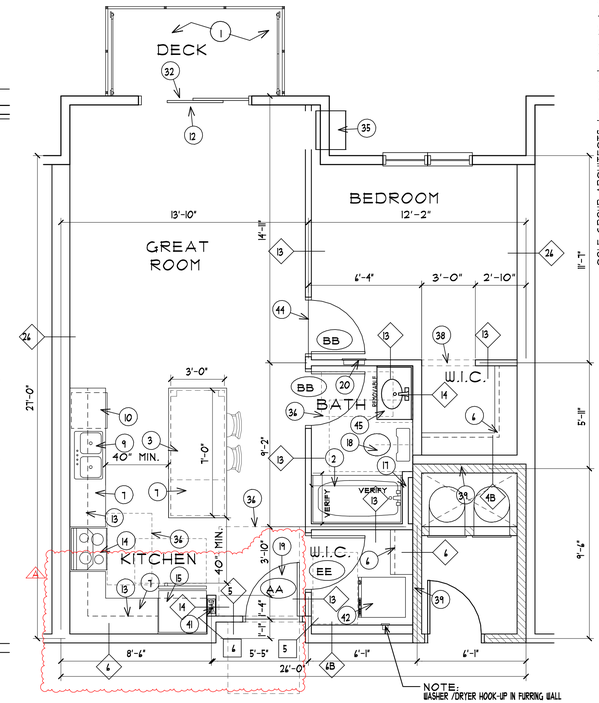
L) ALL SIDE BY SIDE CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF THE CLOTHES DRYER. NOTE SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.

M) ALL TUBS/SHOWERS IN TYPE "B" UNITS TO BE FHA/TYPE "B" COMPLIANT BY MANUFACTURER, AND MUST PROVIDE BLOCKING FOR FUTURE GRAB BARS IN WALL OR FIXTURE

N) VERIFY MEDIA PANEL LOCATIONS W/ ELECTRICAL PLANS



UNIT "G.1" FLOOR PLAN
SCALE: 1/4" = 1'-0" TYPE "B" 1,074 S.F.
2 BED 2 BATH (2 TOTAL)



UNIT "B" FLOOR PLAN
SCALE: 1/4" = 1'-0" TYPE "B" 688 S.F.
1 BED 1 BATH (2 TOTAL)

© COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. — ©COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP
ARCHITECTS LLC.
2116 Park Avenue South
Suite 102
Saint Cloud, MN. 56301
(320) 654-4510
www.colegrouparchitects.com

DAVID J. MAJCHRZAK
LICENSED ARCHITECT
56361
STATE OF MINNESOTA

These documents are not valid for bidding permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect.
under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

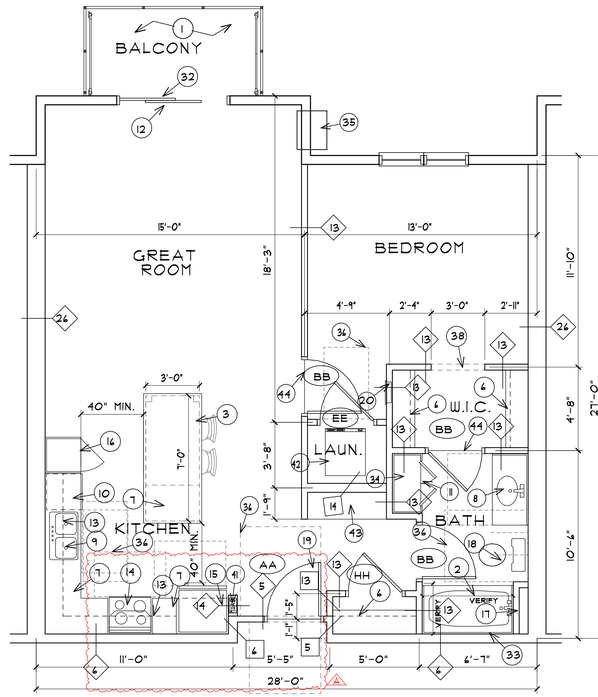
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS	REVISIONS COMMENTS
		4.04.25 ADDEND #2

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

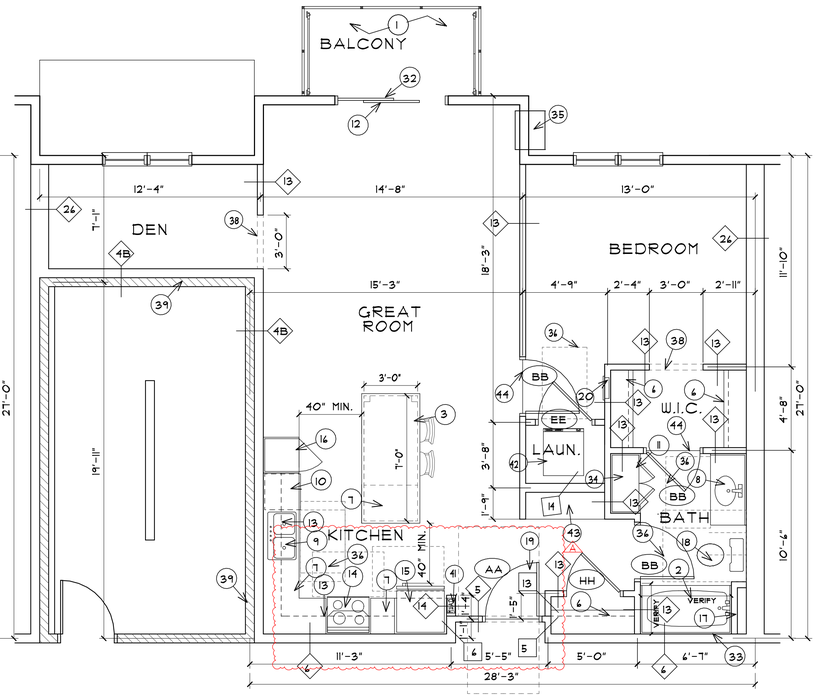
A201

PLOTTED: 08-25-25 FILE: 24022SU COM: 5



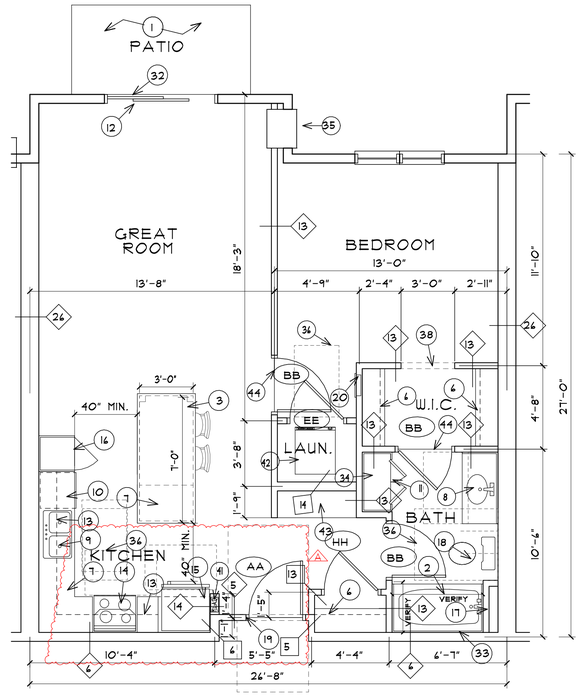
UNIT "D" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 802 S.F.
1 BED 1 BATH (12 TOTAL)



UNIT "D.1" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 931 S.F.
1 BED W/ DEN 1 BATH (4 TOTAL)



UNIT "D.2" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 763 S.F.
1 BED 1 BATH (3 TOTAL)

UNIT PLAN NUMBER NOTES

1. PATIO SLOPED AWAY FROM BUILDING AS REQ'D. OR BALCONY W/ 42" HIGH GUARD RAIL W/ INTERMEDIATE RAILS 4" O.C.
2. STANDARD TUB. PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DETS. 1, 1B & 2B/A301.
3. BREAKFAST BAR VERIFY FINISH W/ OWNER.
4. SIDE BY SIDE WASHER DRYER W/ FRONT MOUNTED CONTROLS, SEE DET. 12B/A301.
5. ACCESSIBLE TURNING CLEARANCE SHOWN DASHED, SEE DET. 14A/A301.
6. PLASTIC COATED WIRE SHELVING
7. SOLID SURFACE COUNTERTOP W/ BASE CABINETS AT 34" A.F.F. SEE OWNER SPECS
8. CULTURED MARBLE VANITY W/ INTEGRAL SINK, MAINTAIN 15" FROM CENTER OF TOILET MIN. SEE DETS. 4B - 7B/A301.
9. STAINLESS STEEL DOUBLE BOWL SINK, SEE DET 1B/A301. VERIFY UNDER MOUNT REQMTS. W/ SOLID SURFACE SELECTIONS.
10. DISHWASHER, SEE DET. 10B/A301.
11. CABINET INSERT BY CABINET SUPPLIER. FRAME & FINISH ABOVE IF GYP ON BOTH SIDES.
12. 3/4" MAX. BEVELED THRESHOLD AT SLIDING PATIO DOOR W/ 1:2 MAX. SLOPE. SEE DETS. 14B &17A/A301.
13. LINE OF UPPER CABINETS, SHOWN DASHED.
14. RANGE WITH CHARCOAL FILTERED VENT, SEE DET. 9B/A301. VERIFY VENTING REQMTS. W/ MECH.
15. REFRIGERATOR, SEE DET. 9B/A301.
16. PRE-FABRICATED KITCHEN PANTRY. VERIFY STYLE W/ OWNER.
17. 2"X4" @ O. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
18. STANDARD WATER CLOSET. PROVIDE BLOCKING FOR FUTURE GRAB BARS. SEE DETAILS 1, 2, 3, 4, 1B, 2B, 4B & 7B/A301.
19. MAINTAIN PROPER ADA DOOR CLEARANCES, SEE DETS. 7 & 15C/A301.
20. ELECTRICAL PANEL MOUNTED 48" A.F.F. VERIFY LOCATION W/ ELECT.
21. SIDE BY SIDE WASHER & DRYER W/ FRONT MOUNTED CONTROLS. SEE DET. 13A/A301.
22. CLOTHES ROD & SHELF MOUNTED @ 48" A.F.F. SEE DET. 18A/A301.
23. ADA COMPLIANT REQUIRED WORK AREA @ 34" A.F.F. ADJACENT TO RANGE, SEE DETS. 9 & 12A/A301. FINISH FLOORING AND CABINETS UNDERNEATH
24. ADA COMPLIANT DOUBLE BOWL STAINLESS STEEL SINK, SEE DETS. 9 & 11A/A301. VERIFY UNDER MOUNT REQMTS. W/ SOLID SURFACE SELECTIONS.
25. ADA COMPLIANT RANGE W/ FRONT MOUNTED CONTROLS, VENT TO OUTSIDE AS REQ'D. SEE DETS. 9 & 14A/A301.
26. ADA COMPLIANT CULTURED MARBLE VANITY W/ INTEGRAL SINK, SEE DETS. 4, 4A-1A/A301.
27. ADA COMPLIANT TUB, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DETS. 11 & 1A/A301.
28. 2"X4" @ O. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
29. ADA COMPLIANT TOILET, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DET. 1-3, 4A & 7A/A301.
30. ADA COMPLIANT REFRIGERATOR, SEE DET. 8A/A301.
31. 48" SHOWER W/ 34" MIN. CLR. DIMS. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS REQ'D. SEE DETS. 12 & 3B/A3(
32. PROVIDE ALTERNATE BID FOR BUG SCREEN AT ALL PATIO/BALCONY LOCATIONS.
33. INSTALL 5/8" GYP. BD. BEHIND SHOWER / TUB SURROUND TO MAINTAIN 1 HR. WALL RATING, SEE DET. 3/A801.
34. SHELVING, VERIFY REQUIREMENTS W/ OWNER.
35. THRU WALL A/C - PROVIDE REMOTE CONTROL.
36. DASHED LINE SHOWS ADA FLOOR CLEARANCE REQUIREMENTS, SEE SHEET A301.
37. PRE-FABRICATED LINEN CLOSET. VERIFY W/ OWNER.
38. GYP. BD. BULKHEAD ABOVE SHOWN DASHED @ 80" A.F.F.
39. 1 HR RATED FIRE BARRIER / 2 HR. FIRE WALL SHOWN HATCHED, SEE PLAN FOR LOCATIONS.
40. ADA COMPLIANT DISHWASHER, SEE DET. 10A/A301.
41. HUA UNIT. VERIFY LOCATION @ MEP PLANS. (A)
42. STACKABLE WASHER & DRYER W/ FRONT MOUNTED CONTROLS, SEE DET. 13B/A301.
43. BUILT-IN BENCH, VERIFY SIZE & STYLE W/ OWNER.
44. LINE OF CARPET FLOORING, VERIFY EXTENTS W/ OWNER.
45. VANITY W/ COUNTERTOP & SINK, MAINTAIN 15" FROM CENTER OF TOILET MIN. SEE DETS. 4B - 7B/A301.
    PROVIDE REMOVABLE CABINETRY AS REQ'D. FINISH WALL AND FLOORING AS REQ'D. SEE DET. 12A/A301.
46. SOLID SURFACE COUNTERTOP W/ BASE CABINETS AT 34" A.F.F. SEE OWNER SPECS
47. 60" SHOWER W/ 36" MIN. CLR. DIMS. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS REQ'D. SEE DETS. 12 & 3B/A3(

GENERAL NOTES:

A) VERIFY ROOM FINISHES AND COLOR SELECTIONS W/ OWNER.

B) HVAC CONTRACTOR TO PROVIDE ACCESSIBLE HEIGHT MOUNTED THERMOSTAT AT ALL UNITS.

C) THE "TYPE A" UNITS TO BE PROVIDED WITH CABINETRY PULL HARDWARE IN KITCHEN AND BATHROOMS

D) PROVIDE 110 OUTLET IN LAUNDRY CLOSET VERIFY LOCATION W/ OWNER.

E) VERIFY ALL ROUGH OPENINGS DIMENSIONS W/SHOP DRAWINGS.

F) KITCHEN, BATHS & LAUNDRY CLOSETS TO HAVE LVT FLOORING AND WOOD BASE. VERIFY W/ OWNER.

G. PROVIDE BATHROOM ACCESSORIES IN EVERY UNIT BATHROOM; CURVED CURTAIN RODS, HAND TOWEL HOLDER, 24" TOWEL BAR, ROBE HOOK AND TOILET PAPER HOLDER. PROVIDE BLOCKING AS REQUIRED, AND VERIFY LOCATION WITH INTERIOR DESIGNER UNO. SEE A302 FOR MOUNTING HEIGHTS.

H) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.

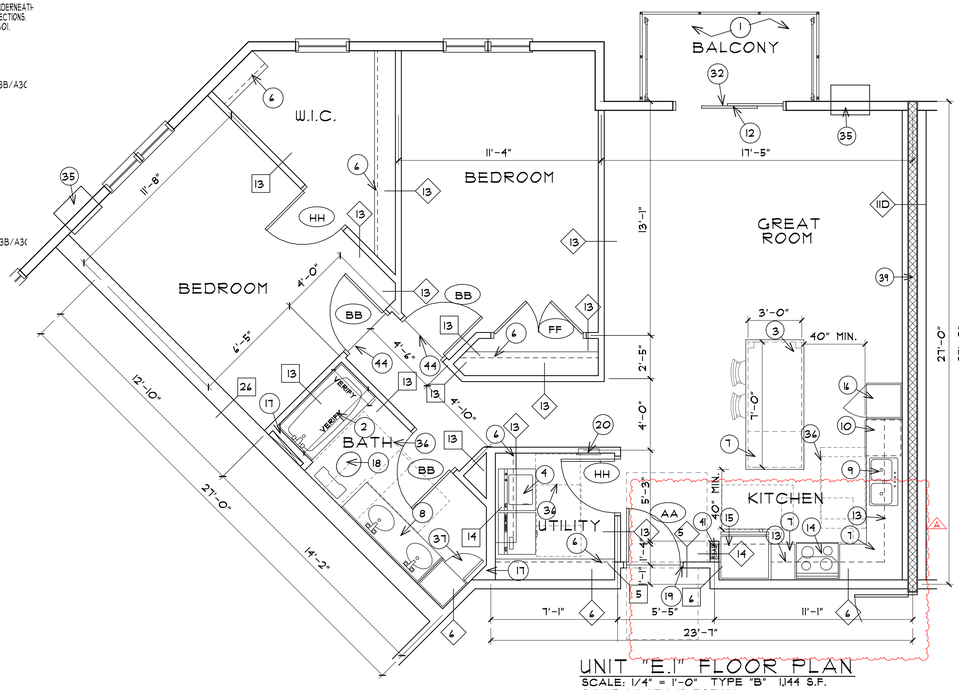
J) ALL DOOR HARDWARE TO BE LEVER TYPE. VERIFY STYLE W/ OWNER.

K) VERIFY ALL SPECIALTY EQUIPMENT W/ OWNER.

L) ALL SIDE BY SIDE CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF THE CLOTHES DRYER.
NOTE: SOME PLANS MAY BE MIRRORED. REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.

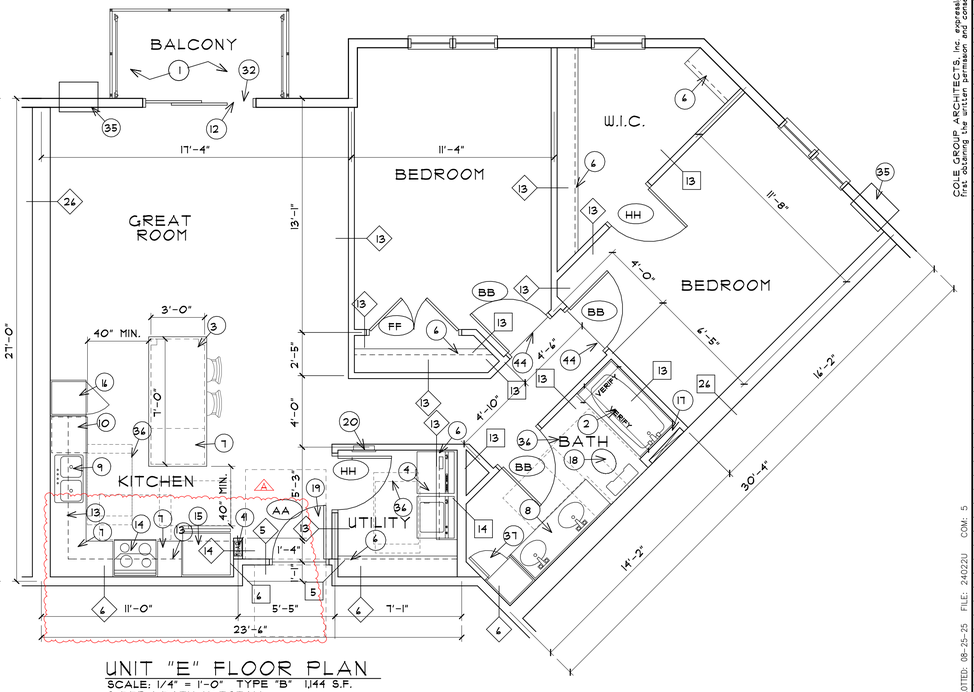
M) ALL TUBS/SHOWERS IN TYPE "B" UNITS TO BE FHA/TYPE "B" COMPLIANT BY MANUFACTURER, AND MUST PROVIDE BLOCKING FOR FUTURE GRAB BARS IN WALL OR FIXTURE

N) VERIFY MEDIA PANEL LOCATIONS W/ ELECTRICAL PLANS



UNIT "E.1" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 1,144 S.F.
2 BED 1 BATH (2 TOTAL)



UNIT "E" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 1,144 S.F.
2 BED 1 BATH (3 TOTAL)

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. ---- COPYRIGHT 2025 Cole Group Architects, Inc.

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 100
Anoka, MN 55303
(320) 654-5510
www.colegrouparchitects.com

LICENSED ARCHITECT
DAVID MAJCHRZAK
50361
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

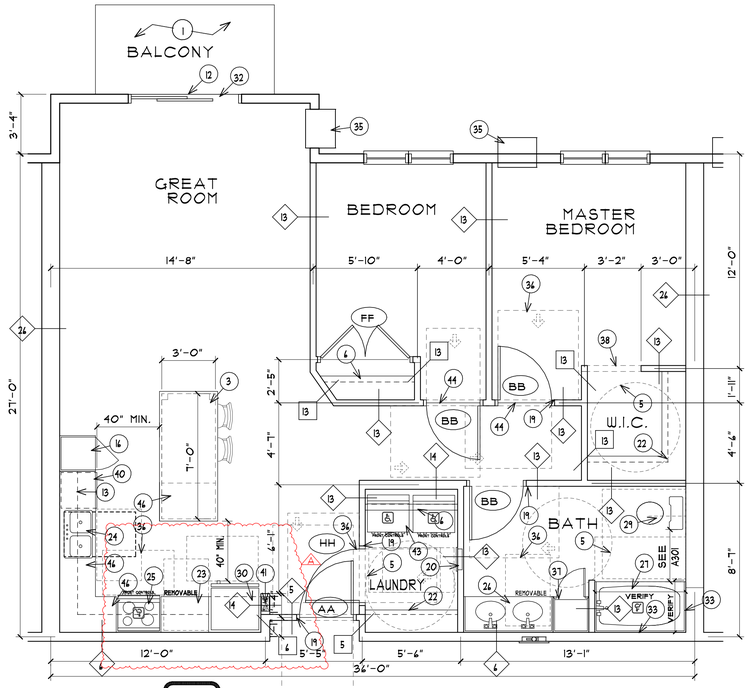
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

REVISIONS COMMENTS	REVISIONS COMMENTS
1 09-19-25 ADDENDUM #2	

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

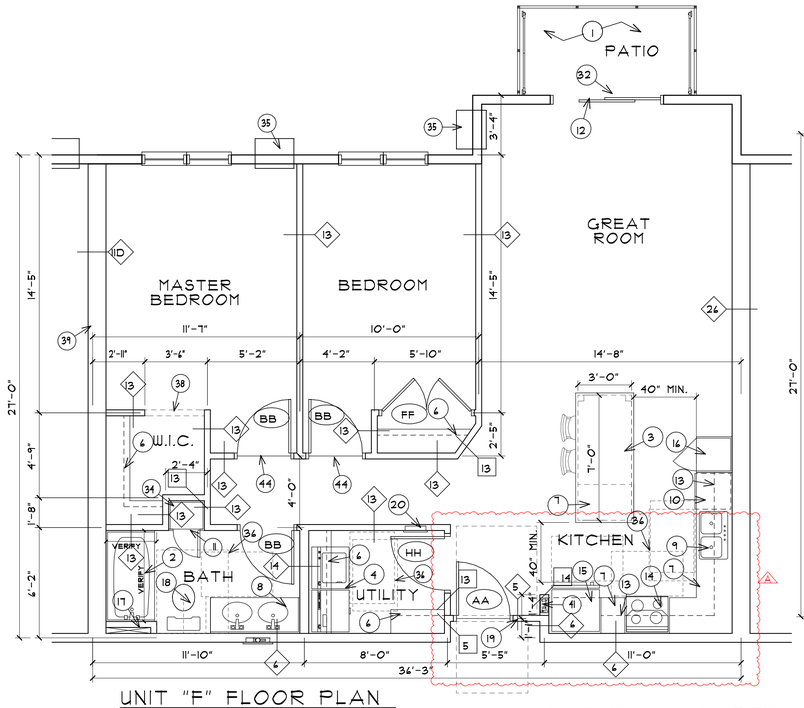
A202

PLOTTED: 09-25-25 FILE: 24022U COM: 5



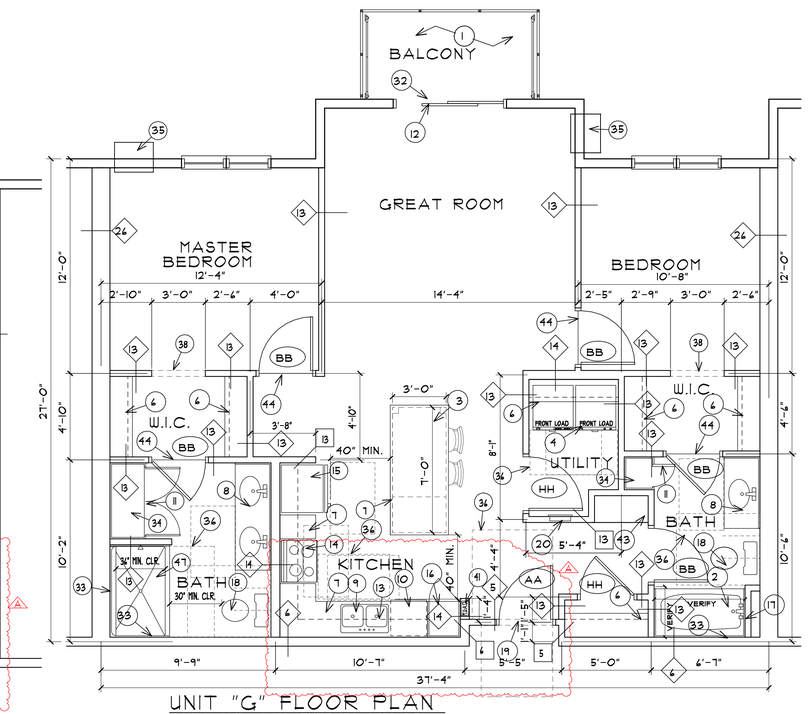
UNIT "J" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 1,014 S.F.
2 BED 1 BATH (2 TOTAL)



UNIT "F" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 1,014 S.F.
2 BED 1 BATH (4 TOTAL)

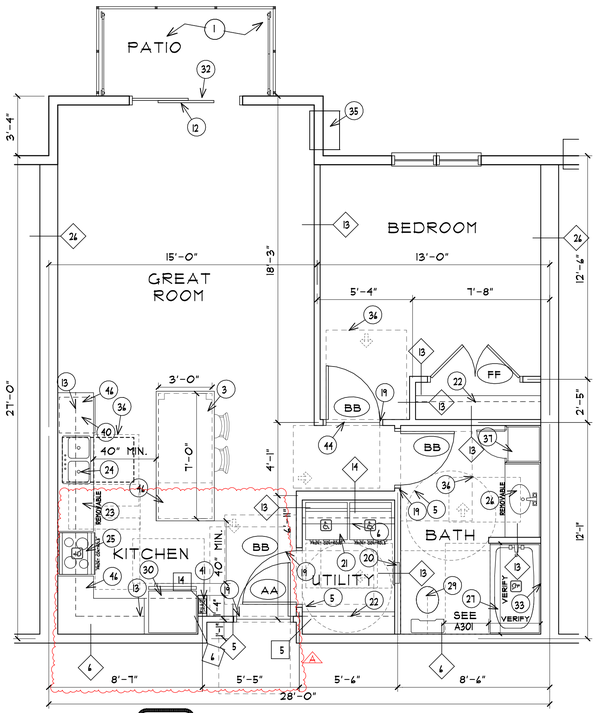


UNIT "G" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 1,053 S.F.
2 BED 2 BATH (13 TOTAL)

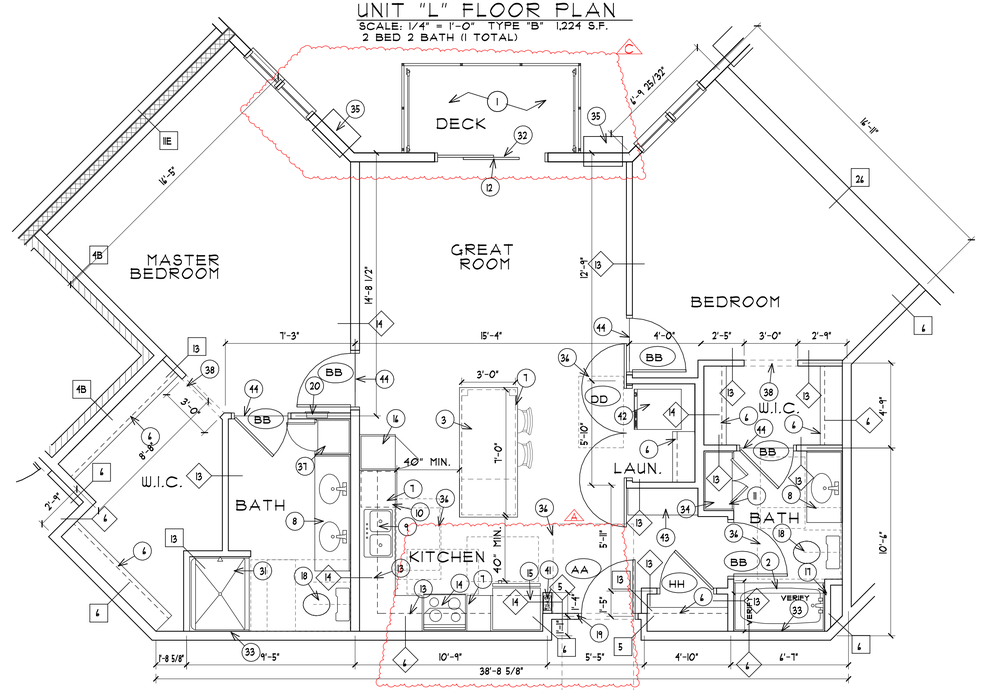
UNIT PLAN NUMBER NOTES

1. PATIO SLOPED AWAY FROM BUILDING AS REQ'D. OR BALCONY W/ 42" HIGH GUARD RAIL W/ INTERMEDIATE RAILS 4" O.C.
2. STANDARD TUB. PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DETS. 11, 1B & 2B/A30I.
3. BREAKFAST BAR VERIFY FINISH W/ OWNER.
4. SIDE BY SIDE WASHER DRYER W/ FRONT MOUNTED CONTROLS, SEE DET. 12B/A30I.
5. ACCESSIBLE TURNING CLEARANCE SHOWN DASHED, SEE DET. 14A/A30I.
6. PLASTIC COATED WIRE SHELVING
7. SOLID SURFACE COUNTERTOP W/ BASE CABINETS AT 34" A.F.F. SEE OWNER SPECS
8. CULTURED MARBLE VANITY W/ INTEGRAL SINK, MAINTAIN 15" FROM CENTER OF TOILET MIN. SEE DETS. 4B - 7B/A30I.
9. STAINLESS STEEL DOUBLE BOWL SINK, SEE DET 9B/A30I. VERIFY UNDER MOUNT REQMTS. W/ SOLID SURFACE SELECTIONS.
10. DISHWASHER, SEE DET. 10B/A30I.
11. CABINET INSERT BY CABINET SUPPLIER, FRAME & FINISH ABOVE IF GYP. ON BOTH SIDES.
12. 3/4" MAX. BEVELED THRESHOLD AT SLIDING PATIO DOOR W/ 1/2 MAX. SLOPE. SEE DETS. 16B &17A/A30I.
13. LINE OF UPPER CABINETS, SHOWN DASHED.
14. RANGE WITH CHARCOAL FILTERED VENT, SEE DET. 9B/A30I. VERIFY VENTING REQMTS. W/ MECH.
15. REFRIGERATOR, SEE DET. 8B/A30I.
16. PRE-FABRICATED KITCHEN PANTRY, VERIFY STYLE W/ OWNER.
17. 2"X4" WD. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
18. STANDARD WATER CLOSET. PROVIDE BLOCKING FOR FUTURE GRAB BARS. SEE DETAILS 1, 2, 3, 14, 1B, 2B, 4B & 7B/A30I.
19. MAINTAIN PROPER ADA DOOR CLEARANCES, SEE DETS. 1 & 15C/A30I.
20. ELECTRICAL PANEL MOUNTED 48" A.F.F. VERIFY LOCATION W/ ELECT.
21. SIDE BY SIDE WASHER & DRYER W/ FRONT MOUNTED CONTROLS. SEE DET. 13A/A30I.
22. CLOTHES ROD & SHELF MOUNTED @ 48" A.F.F. SEE DET. 18A/A30I.
23. ADA COMPLIANT REQUIRED WORK AREA @ 34" A.F.F. ADJACENT TO RANGE, SEE DETS. 9 & 12A/A30I. FINISH FLOORING AND CABINETS UNDERNEATH.
24. ADA COMPLIANT CULTURED MARBLE VANITY W/ INTEGRAL SINK, SEE DETS. 4, 4A-1A/A30I.
25. ADA COMPLIANT RANGE W/ FRONT MOUNTED CONTROLS, VENT TO OUTSIDE AS REQ'D. SEE DETS. 9 & 9A/A30I.
26. ADA COMPLIANT TUB, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DETS. 11 & 1A/A30I.
27. 2"X4" WD. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
28. 2"X4" WD. STUDS @ 16" O.C. W/ 5/8" GYP. BD.
29. ADA COMPLIANT TOILET, PROVIDE BLOCKING FOR FUTURE GRAB BARS, SEE DET. 1-3, 4A & 7A/A30I.
30. ADA COMPLIANT REFRIGERATOR, SEE DET. 8A/A30I.
31. 48" SHOWER W/ 34" MIN. CLR. DIMS. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS REQ'D. SEE DETS. 12 & 3B/A30I.
32. PROVIDE ALTERNATE BID FOR BUG SCREEN AT ALL PATIO/BALCONY LOCATIONS.
33. INSTALL 5/8" GYP. BD. BEHIND SHOWER / TUB SURROUND TO MAINTAIN 1 HR. WALL RATING, SEE DET. 3/A80I.
34. SHELVING, VERIFY REQUIREMENTS W/ OWNER
35. THRU WALL A/C - PROVIDE REMOTE CONTROL
36. DASHED LINE SHOWS ADA FLOOR CLEARANCE REQUIREMENTS, SEE SHEET A30I.
37. PRE-FABRICATED LINEN CLOSET, VERIFY W/ OWNER
38. GYP. BD. BULKHEAD ABOVE SHOWN DASHED @ 80" A.F.F.
39. 1 HR RATED FIRE BARRIER / 2 HR. FIRE WALL SHOWN HATCHED, SEE PLAN FOR LOCATIONS.
40. ADA COMPLIANT DISHWASHER, SEE DET. 10A/A30I.
41. MUA UNIT, VERIFY LOCATION W/ MEP PLANS.
42. STACKABLE WASHER & DRYER W/ FRONT MOUNTED CONTROLS, SEE DET. 13B/A30I.
43. BUILT-IN BENCH, VERIFY SIZE & STYLE W/ OWNER
44. LINE OF CARPET FLOORING, VERIFY EXTENTS W/ OWNER
45. VANITY W/ COUNTERTOP & SINK, MAINTAIN 15" FROM CENTER OF TOILET MIN. SEE DETS. 4B - 7B/A30I. PROVIDE REMOVABLE CABINETRY AS REQ'D. FINISH WALL AND FLOORING AS REQ'D. SEE DET. 12A/A30I.
46. SOLID SURFACE COUNTERTOP W/ BASE CABINETS AT 34" A.F.F. SEE OWNER SPECS
47. 40" SHOWER W/ 36" MIN. CLR. DIMS. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS REQ'D. SEE DETS. 12 & 3B/A30I.



UNIT "C" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "A" 802 S.F.
1 BED 1 BATH (1 TOTAL)



UNIT "L" FLOOR PLAN

SCALE: 1/4" = 1'-0" TYPE "B" 1,224 S.F.
2 BED 2 BATH (1 TOTAL)

GENERAL NOTES:

A) VERIFY ROOM FINISHES AND COLOR SELECTIONS W/ OWNER.
B) HVAC CONTRACTOR TO PROVIDE ACCESSIBLE HEIGHT MOUNTED THERMOSTAT AT ALL UNITS.
C) THE "TYPE A" UNITS TO BE PROVIDED WITH CABINETRY PULL HARDWARE IN KITCHEN AND BATHROOMS
D) PROVIDE 110 OUTLET IN LAUNDRY CLOSET VERIFY LOCATION W/ OWNER.
E) VERIFY ALL ROUGH OPENINGS DIMENSIONS W/SHOP DRAWINGS.
F) KITCHEN, BATHS & LAUNDRY CLOSETS TO HAVE LVT FLOORING AND WOOD BASE. VERIFY W/ OWNER.
G. PROVIDE BATHROOM ACCESSORIES IN EVERY UNIT BATHROOM: CURVED CURTAIN RODS, HAND TOWEL HOLDER, 24" TOWEL BAR, ROBE HOOK, AND TOILET PAPER HOLDER. PROVIDE BLOCKING AS REQUIRED, AND VERIFY LOCATION WITH INTERIOR DESIGNER UNO. SEE A302 FOR MOUNTING HEIGHTS.
H) PROVIDE SMOKE DETECTORS PER CODE. VERIFY LOCATION W/ FIRE MARSHALL.
J) ALL DOOR HARDWARE TO BE LEVER TYPE. VERIFY STYLE W/ OWNER.
K) VERIFY ALL SPECIALTY EQUIPMENT W/ OWNER.
L) ALL SIDE BY SIDE CLOTHES WASHERS TO BE INSTALLED TO THE LEFT OF THE CLOTHES DRYER. NOTE: SOME PLANS MAY BE MIRRORED, REFER TO A200 UNIT PLAN SHEETS & A301 ACCESSIBLE DETAILS SHEET FOR CLEARANCES.
M) ALL TUBS/SHOWERS IN TYPE "B" UNITS TO BE FHA/TYPE "B" COMPLIANT BY MANUFACTURER; AND MUST PROVIDE BLOCKING FOR FUTURE GRAB BARS IN WALL OR FIXTURE
N) VERIFY MEDIA PANEL LOCATIONS W/ ELECTRICAL PLANS

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP
ARCHITECTS LLC.
214 First Avenue South
Suite 102
Minneapolis, MN 55401
(320) 634-5510
www.colegrouparchitects.com

DAVID J. MAJCHRZAK
LICENSED ARCHITECT
50381
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

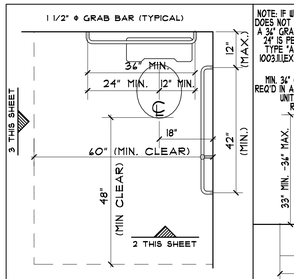
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	
REVISIONS COMMENTS	
1 09-26-25	JOSEPH H
2 10-10-25	JOSEPH H

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

PLOTTED: 11-10-25 FILE: 24022U COM: 5

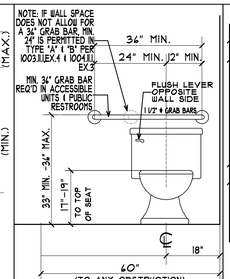
A203



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

1 FLOOR CLEARANCE IN PLAN

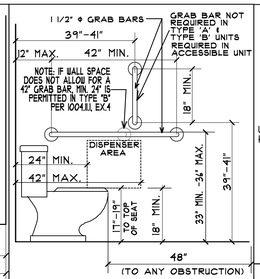
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

2 REAR WALL GRAB BAR ELEVATION

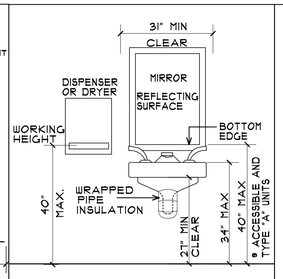
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

3 SIDE WALL GRAB BAR ELEVATION

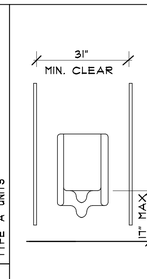
SCALE: 1/2" = 1'-0"



SEE PART 1340.0300,SUB PART 1 OF STATE CODE

4 LAVATORY AND ACCESSORIES

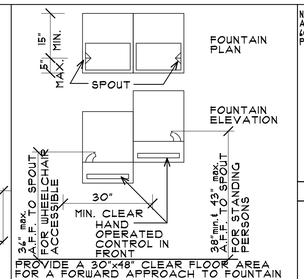
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6

5 ACCESSIBLE URINAL

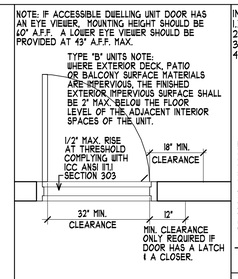
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6

6 ACCESSIBLE DRINKING FOUNTAIN

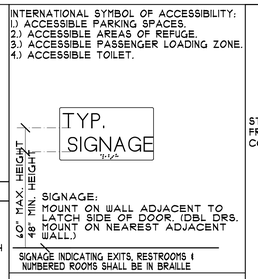
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 4

7 REQUIRED DOOR CLEARANCES

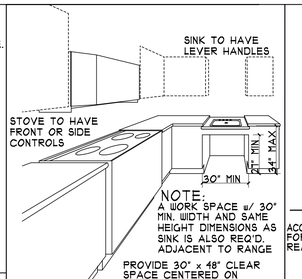
TYPICAL ALL DOORS (N.T.S.)



SEE ICC/ANSI A117.1 - CHAPTER 7

8 ACCESSIBLE ROOM/SPACE SIGNAGE

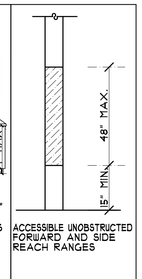
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

9 ACCESSIBLE KITCHEN

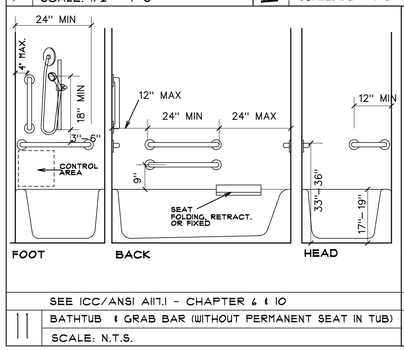
SCALE: NONE



SEE ICC/ANSI A117.1 - CHAPTER 3

10 ACCESSIBLE REACH RANGES

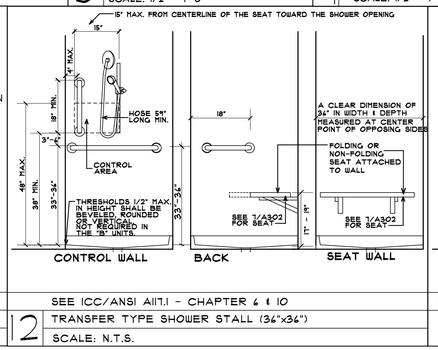
SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

11 BATHTUB & GRAB BAR (WITHOUT PERMANENT SEAT IN TUB)

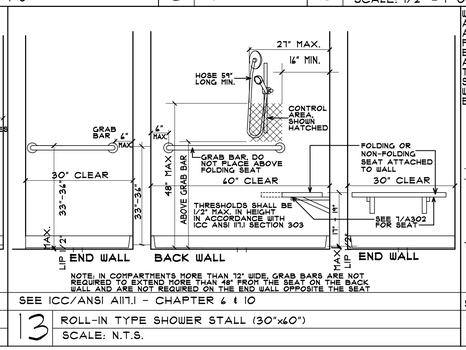
SCALE: N.T.S.



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

12 TRANSFER TYPE SHOWER STALL (36"x36")

SCALE: N.T.S.

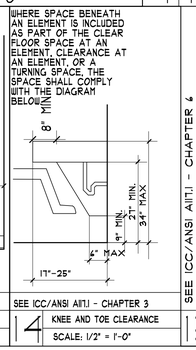


NOTE: IN COMPARTMENTS MORE THAN 72" WIDE, GRAB BARS ARE NOT REQUIRED TO EXTEND MORE THAN 48" FROM THE SEAT ON THE BACK WALL AND ARE NOT REQUIRED ON THE END WALL OPPOSITE THE SEAT

SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

13 ROLL-IN TYPE SHOWER STALL (30"x60")

SCALE: N.T.S.



SEE ICC/ANSI A117.1 - CHAPTER 3

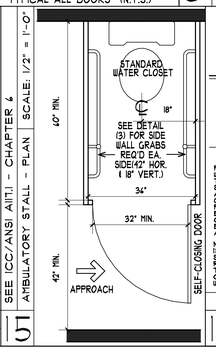
14 KNEE AND TOE CLEARANCE

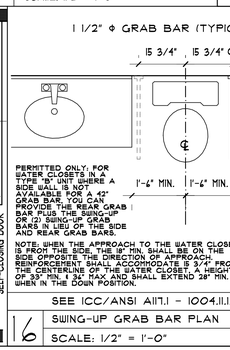
SCALE: 1/2" = 1'-0"

SEE ICC/ANSI A117.1 - CHAPTER 6

15 AMBULATORY STALL - PLAN

SCALE: 1/2" = 1'-0"

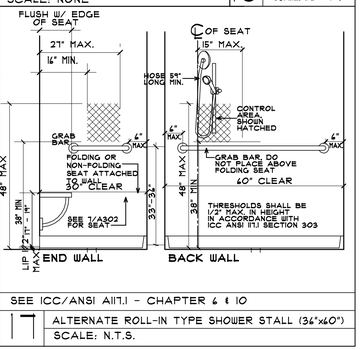




SEE ICC/ANSI A117.1 - 1004.11.1.1

16 SWING-UP GRAB BAR PLAN

SCALE: 1/2" = 1'-0"



SEE ICC/ANSI A117.1 - CHAPTER 6 & 10

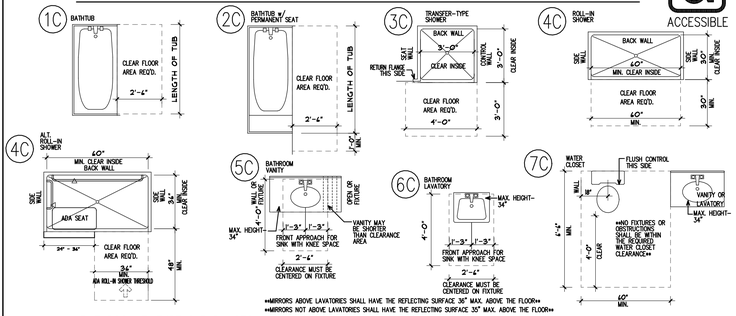
17 ALTERNATE ROLL-IN TYPE SHOWER STALL (36"x60")

SCALE: N.T.S.

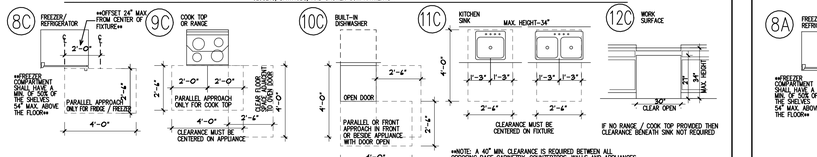
WHEN REQUIRED:	INDEPENDENT SENIOR LIVING I-1, CON. 1: 4% OF UNITS MULTI-FAMILY APARTMENT R-2: ALL COMMON AREAS (PUBLIC RESTROOMS, KITCHENS, ETC.)	ASSISTED LIVING I-1, CON. 2: 10% OF UNITS MEMORY CARE I-2, CON. 1: 50% OF UNITS
	HOTEL R-1: ALL COMMON AREAS + "X" AMOUNT OF UNITS: 1-25 UNITS = 1 ACC. UNIT, 26-50 UNITS = 2 ACC. UNITS, 51-75 UNITS = 3 ACC. UNITS, ETC.	

ACCESSIBLE CLEARANCES

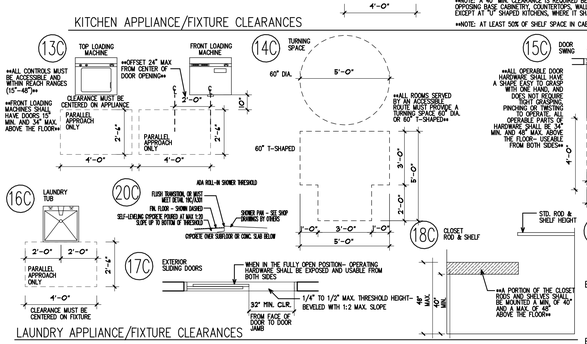
ACCESSIBLE



BATHROOM FIXTURE CLEARANCES



KITCHEN APPLIANCE/FIXTURE CLEARANCES



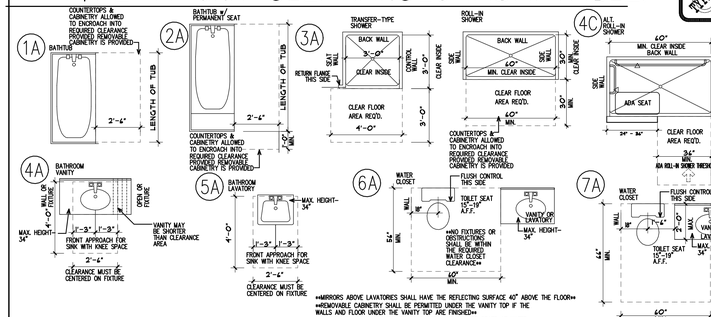
LAUNDRY APPLIANCE/FIXTURE CLEARANCES

BEVELED CHANGES IN LEVEL - OPTION B

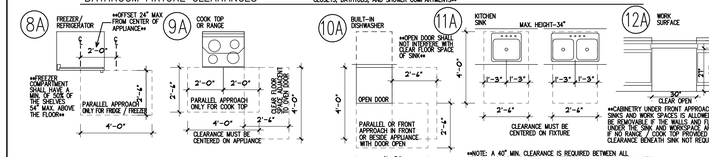
WHEN REQUIRED:	MULTI-FAMILY APARTMENT R-2 (BUILDING CODE): 2% OF UNITS MULTI-FAMILY APARTMENT R-2 (MHFA): 5% OF UNITS

TYPE "A" UNIT CLEARANCES (ADAPTABLE)

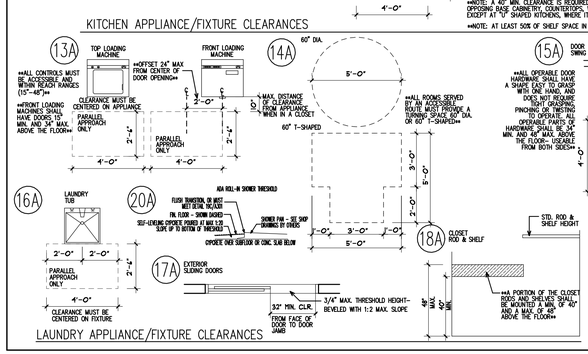
TYPE "A"



BATHROOM FIXTURE CLEARANCES



KITCHEN APPLIANCE/FIXTURE CLEARANCES

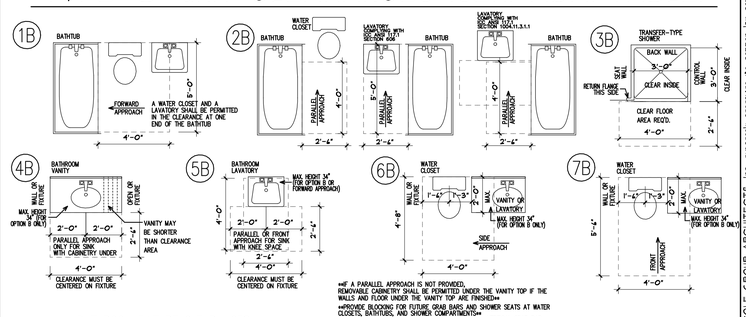


LAUNDRY APPLIANCE/FIXTURE CLEARANCES

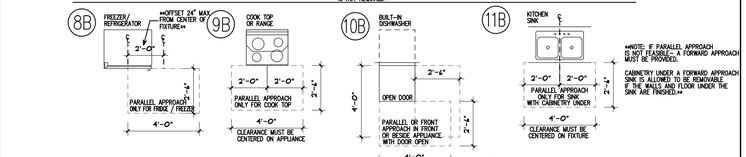
BEVELED CHANGES IN LEVEL - OPTION B

WHEN REQUIRED:	ALL REMAINING UNITS THAT ARE NOT "ACCESSIBLE" OR "TYPE A", ARE REQUIRED TO BE "TYPE B" (SEMI-ADAPTABLE)

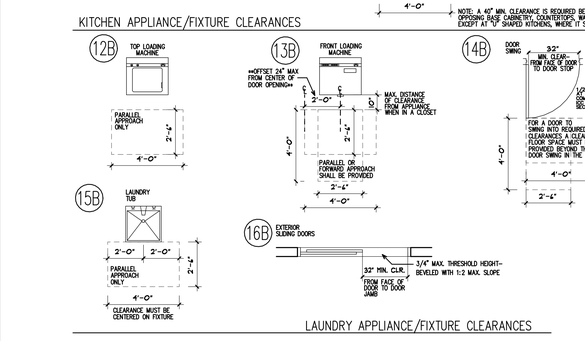
TYPE "B" UNIT CLEARANCES (SEMI-ADAPTABLE)



BATHROOM FIXTURE CLEARANCES



KITCHEN APPLIANCE/FIXTURE CLEARANCES



LAUNDRY APPLIANCE/FIXTURE CLEARANCES

COPYRIGHT, and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc

COLE GROUP
ARCHITECTS LLC.
5121 Park Avenue South
Suite 103
Saint Cloud, MN 56301
(320) 654-5510
www.colegrouparchitects.com

LICENSED ARCHITECT
56381
03/10/25
STATE OF MINNESOTA
DAVID J. MAJCHRZAK

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA

Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

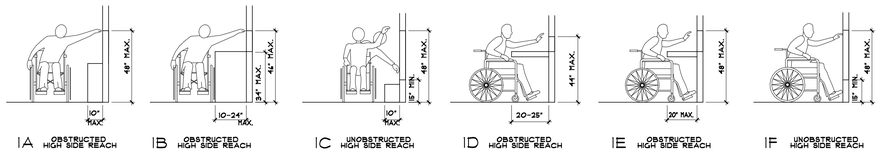
PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS
REVISIONS COMMENTS
COM. 5 UPDATE: 07-31-24

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

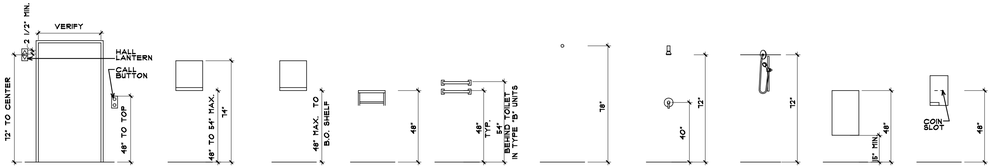
FILE: 24022ADA
PLOTTED: 03-11-25

A301

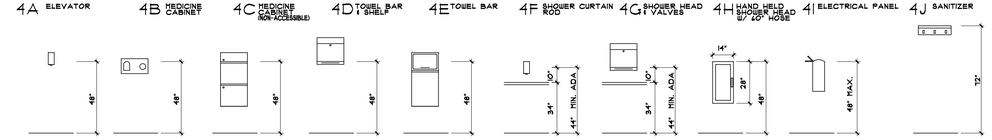


1A OBSTRUCTED HIGH SIDE REACH
1B OBSTRUCTED HIGH SIDE REACH
1C UNOBSTRUCTED HIGH SIDE REACH
1D OBSTRUCTED HIGH SIDE REACH
1E OBSTRUCTED HIGH SIDE REACH
1F UNOBSTRUCTED HIGH SIDE REACH

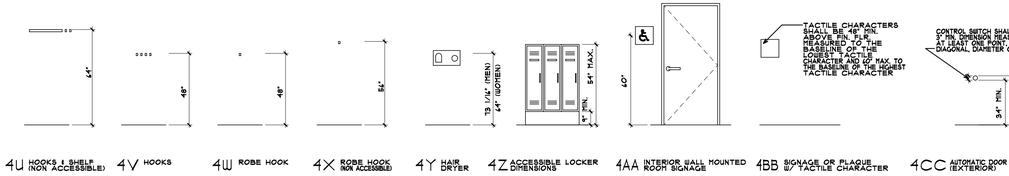
1 ACCESSIBLE REACH RANGES
SCALE: 1/4" = 1'-0"



4A ELEVATOR
4B MEDICINE CABINET
4C MEDICINE CABINET (NON-ACCESSIBLE)
4D TOWEL BAR & SHELF
4E TOWEL BAR
4F SHOWER CURTAIN ROD
4G SHOWER HEAD & VALVES
4H HAND HELD SHOWER HEAD W/ 60" HOSE
4I ELECTRICAL PANEL
4J SANITIZER

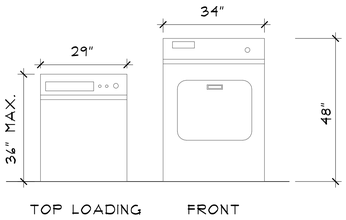


4K WALL MOUNTED SOAP DISPENSER
4L HAND DRYER
4M PAPER TOWEL DISPENSER & RECEPTACLE
4N PAPER TOWEL DISPENSER
4O WASTE RECEPTACLE
4P SOAP DISPENSER
4Q PAPER TOWEL DISPENSER
4R MOUNTING HEIGHT FIRE EXTINGUISHER CABINET
4S FIRE EXTINGUISHER
4T MOP STRIP & SHELF (NON ACCESSIBLE)



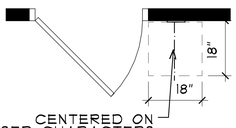
4U HOOKS & SHELF (NON ACCESSIBLE)
4V HOOKS
4W ROBE HOOK
4X ROBE HOOK (NON ACCESSIBLE)
4Y HAIR DRYER
4Z ACCESSIBLE LOCKER DIMENSIONS
4AA INTERIOR WALL MOUNTED ROOM SIGNAGE
4BB SIGNAGE OR PLAQUE W/ TACTILE CHARACTER
4CC AUTOMATIC DOOR OPENER (EXTERIOR)

4 MOUNTING HEIGHT CLEARANCES
SCALE: 1/4" = 1'-0"



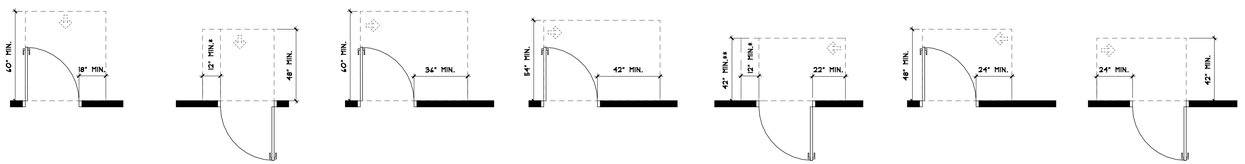
TOP LOADING FRONT

8 HEIGHT OF LAUNDRY
SCALE: 1/2" = 1'-0"



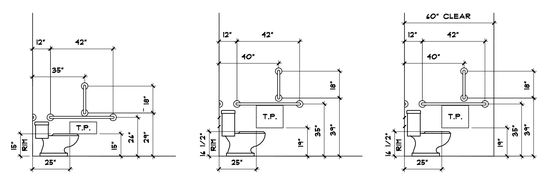
CENTERED ON RAISED CHARACTERS

9 TACTILE SIGNAGE PLAN
SCALE: 1/2" = 1'-0"

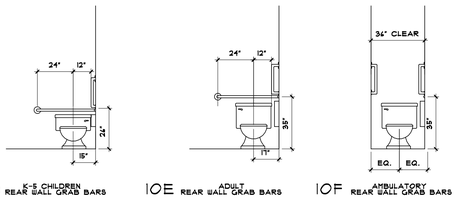


13A FRONT APPROACH, PULL SIDE
13B FRONT APPROACH, PUSH SIDE
13C HINGE APPROACH, PULL SIDE
13D HINGE APPROACH, PULL SIDE
13E HINGE APPROACH, PUSH SIDE
13F LATCH APPROACH, PULL SIDE
13G LATCH APPROACH, PUSH SIDE

13 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS
SCALE: 1/4" = 1'-0"

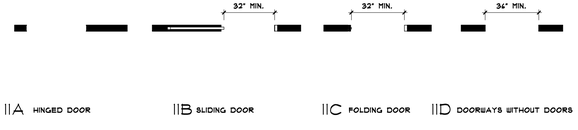


10A K-5 CHILDREN SIDE WALL GRAB BARS
10B ADULT SIDE WALL GRAB BARS
10C AMBULATORY SIDE WALL GRAB BARS



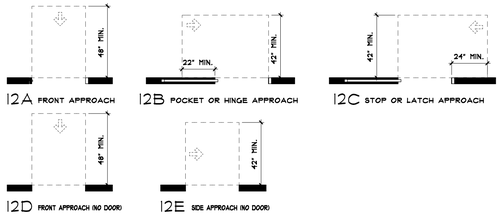
10D K-5 CHILDREN REAR WALL GRAB BARS
10E ADULT REAR WALL GRAB BARS
10F AMBULATORY REAR WALL GRAB BARS

10 GRAB BAR CLEARANCES
SCALE: 1/4" = 1'-0"



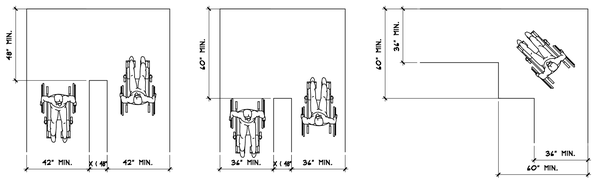
11A HINGED DOOR
11B SLIDING DOOR
11C FOLDING DOOR
11D DOORWAYS WITHOUT DOORS

11 CLEAR WIDTH OF THE DOORWAYS
SCALE: 1/4" = 1'-0"

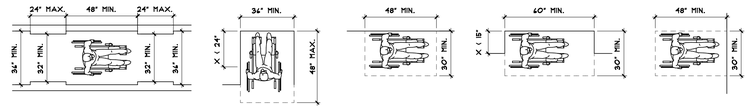


12A FRONT APPROACH
12B POCKET OR HINGE APPROACH
12C STOP OR LATCH APPROACH
12D FRONT APPROACH (NO DOOR)
12E SIDE APPROACH (NO DOOR)

12 MANEUVERING CLEARANCE AT SLIDING, FOLDING DOORS AND NO DOORS
SCALE: 1/4" = 1'-0"

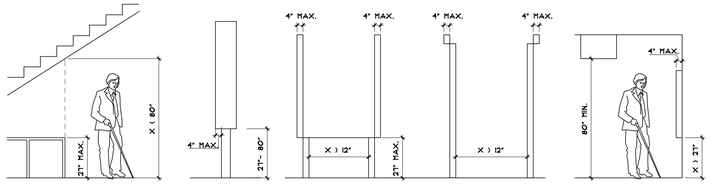


2A 180 DEGREE TURN
2B 180 DEGREE TURN (EXCEPTION)
2C 90 DEGREE TURN



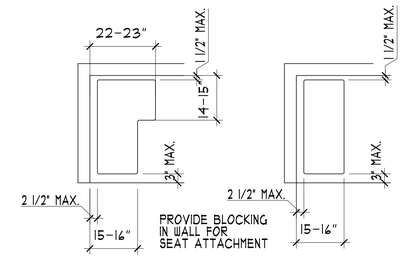
2D CLEAR WIDTH OF ACCESSIBLE ROUTE
2E FORWARD APPROACH
2F PARALLEL SIDE APPROACH
2G PARALLEL SIDE
2H FORWARD/PARALLEL APPROACH

2 ACCESSIBLE TRAVEL CLEARANCES
SCALE: 1/4" = 1'-0"



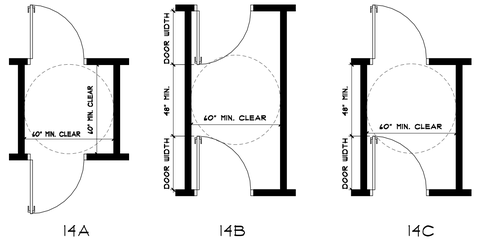
5A REDUCED VERTICAL CLEARANCE
5B POST-MOUNTED PROTRUDING
5C PROTRUDING

5 PROTRUDING CLEARANCES
SCALE: 1/4" = 1'-0"



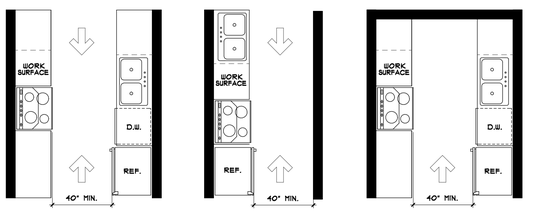
L-SHAPE SHOWER COMPARTMENT SEAT
RECTANGULAR SHOWER COMPARTMENT SEAT

7 SHOWER SEAT CLEARANCES
SCALE: 1/2" = 1'-0"



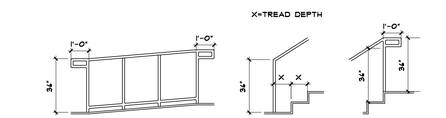
14A
14B
14C

14 TWO DOORS IN A SERIES
SCALE: 1/4" = 1'-0"



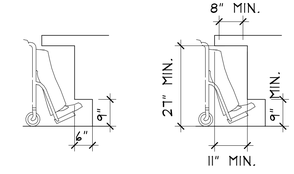
15A
15B
15C

15 KITCHEN CLEARANCES
SCALE: 1/4" = 1'-0"



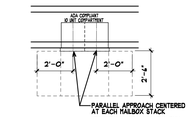
3A TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMPS
3B EXTENSIONS AT BOTTOM HANDRAIL
3C EXTENSIONS AT TOP HANDRAIL

3 HANDRAIL CLEARANCES
SCALE: 1/4" = 1'-0"



TOE CLEARANCE KNEE CLEARANCE

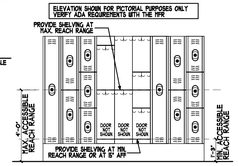
6 TOE & KNEE CLEARANCES
SCALE: 1/2" = 1'-0"



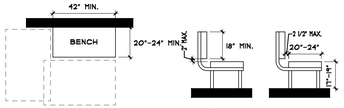
PARALLEL APPROACH CENTERED AT EACH MAILBOX STACK
SEE DETAILS 9/A.2.1 AND 10/A.2.1 FOR MOUNTING HEIGHT

20 MAILBOX CLEARANCE
SCALE: 1/4" = 1'-0"

INSTALLATION REQUIREMENTS PER ICC A117.1
1. AT LEAST 5% OF TOTAL AMOUNT OF LOCKERS SHALL BE ACCESSIBLE
2. NO LOCKER COMPARTMENT INTERIOR BOTTOM SHELF SHALL BE POSITIONED LESS THAN 9" AFF
3. NO LOCK SHALL BE LOCATED MORE THAN 48" AFF.
4. THE ACCESSIBLE LOCKERS SHALL BE MIN. 24" FROM ANY BALL OR OBSTACLE
5. EACH ACCESSIBLE LOCKER SHALL HAVE ROOM FOR A 30"X48" CLEAR FLOOR SPACE APPROACH. APPROACH IS FRONT OF THE LOCKER
6. THE LOCKER DOOR SHALL HAVE ROOM FOR A 60" TURNAROUND DRIVE CLEAR OF ANY OBSTRUCTIONS
7. THE DOOR HARDWARE SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE
7A. SUGGESTIONS ARE LEVER, PADLOCK HASP OR HIGH SECURITY PADLOCK HASP WITH USER SUPPLIED ADA COMPLIANT LOCK

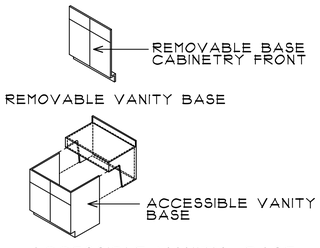


19 ADA COMPLIANT LOCKER REQUIREMENTS
SCALE: 1/4" = 1'-0"

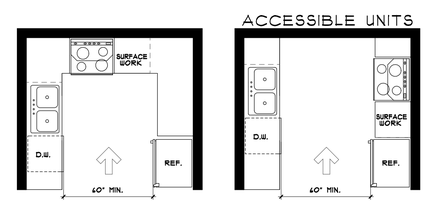


18A BENCH SIZE AND CLEAR FLOOR SPACE
18B BENCH BACK SUPPORT AND SEAT HEIGHT

18 BENCHES - AREA, SIZE AND HEIGHT
SCALE: 1/4" = 1'-0"



17 ACCESSIBLE VANITY BASE
NOT TO SCALE



16A
16B

16 U-SHAPED KITCHEN CLEARANCE
SCALE: 1/4" = 1'-0"

© copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. herewith. --- COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP
ARCHITECTS LLC.
914 Park Avenue South
Suite 102
Sauk Rapids, MN 56379
(320) 654-4510
www.colegrouparchitects.com

LICENSED ARCHITECT 56361 07/17/25 DAVID J. MAUCHRZAK STATE OF MINNESOTA

These documents are not valid for bidding permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAUCHRZAK

DEVELOPER:
PARK & ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS
REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

PLOTTED: 03-11-25 FILE: 24022ADA COM: 5 UPDATE: 07-31-24

A302

WINDOW SCHEDULE (WINDOWS LISTED HERE ARE "CLASSIC" SERIES - VERIFY SERIES w/ OWNER)

LABEL	QTY.	DESCRIPTION	NOMINAL SIZE
A	61	PATIO SLIDER	6'-4"x6'-8"
B	126	SINGLE HUNG	(2) 2'-6"x5'-0"
C	2	SINGLE HUNG	2'-6"x5'-0"
D	2	FIXED	(2) 2'-6"x4'-0"
E	14	SINGLE HUNG	3'-0"x3'-6"
G	2	FIXED	(2) 2'-6"x6'-0"

WINDOW SCHEDULE NOTES:

- ALL OPERABLE WINDOWS LESS THAN 36" A.F.F. AND LOCATED MORE THAN 72" ABOVE THE FINISHED EXTERIOR GRADE SHALL BE PROVIDED WITH A FALL PREVENTION DEVICE THAT COMPLIES WITH ASTM F 2090.
- PROVIDE THE FOLLOWING ENERGY REQUIREMENTS
  DOUBLE PANE LOW-E GLAZING W/ ARGON GAS
  FIXED: MIN. 0.29 U-FACTOR & MIN. 0.45 SHGC
  OPERABLE: MIN. 0.27 U-FACTOR & MIN. 0.45 SHGC
- ROUGH OPENINGS ARE ONLY PROVIDED. VERIFY ACTUAL UNIT DIMENSIONS WITH WINDOW SUPPLIER.
- PROVIDE SCREENS FOR ALL OPERABLE WINDOWS/PATIO DOORS
- PROVIDE BLOCKING AS REQUIRED FOR WINDOW TREATMENTS. VERIFY W/ INT. DES. OR OWNER.
- ALL SLIDING PATIO DOORS MUST MEET THE 32" CLEAR REQUIREMENT PER IBJASO7.
- VERIFY ALL FIXED WINDOW LOCATIONS W/ OWNER, AND W/ MEP PLANS FOR ANY NECESSARY CLEARANCES FROM EXHAUST PIPES OR GAS METERS.
- ANY WINDOW THAT MEETS ALL OF THE FOLLOWING REQUIREMENTS WILL REQUIRE TEMPERED GLAZING.
  1) EXPOSED AREA OF THE "INDIVIDUAL" PANE IS GREATER THAN 9 SF
  2) BOTTOM EDGE OF GLAZING IS LESS THAN 18" AFF.
  3) TOP EDGE OF GLAZING IS GREATER THAN 36" AFF.
  4) WALKING SURFACE WITHIN 36" OF THE GLAZING.

  WINDOW SUPPLIER MUST PROVIDE TEMPERED GLAZING IF ALL OF THE ABOVE CONDITIONS ARE MET

Door #	Door Location (Room Name)	Door Size	Door Material	Assembly Rating	Doors Type	Frame Type	Hdwr. Group	Comments (note: rating of door frame and hardware to match door rating)
	FIRST FLOOR PUBLIC DOORS							
001	MAIN ENTRY	3'-0"x7'-0"	ALUM. ST.	NONE	1	1	1	(2) 30" SIDE LITES, 8" TRANSOM
002	VESTIBULE	3'-0"x7'-0"	ALUM. ST.	NONE	1	1	2	(2) 30" SIDE LITES, FOB
004	PACKAGE ROOM	3'-0"x6'-8"	SCWD	20 MIN.	6	4	10	PROVIDE LIXOR ONE KEYPAD ACCESS FOB SYSTEM, GLAZING RATED D-20
005	RENTAL OFFICE	3'-0"x6'-8"	SCWD	20 MIN.	6	4	10	GLAZING RATED D-20, FOB
006	FITNESS	3'-0"x6'-8"	SCWD	20 MIN.	6	4	10	GLAZING RATED D-20, FOB
007A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
007B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
008A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
008B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
009A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
009B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
010A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
010B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
011A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
011B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
012A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
012B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
013A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
013B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
014A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
014B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
015A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
015B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
016A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
016B	GARAGE O.H. DOOR	16'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
017A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	60 MIN.	2	4	14	-
017B	GARAGE O.H. DOOR	16'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
018A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
018B	GARAGE O.H. DOOR	16'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
019	MECHANICAL ROOM	3'-0"x6'-8"	SCWD	20 MIN.	5	4	14	-
020A	STAIR A ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	7	-
020B	STAIR A EXIT	3'-0"x7'-0"	ALUM. ST.	NONE	1	1	3	FOB
021	CORRIDOR	(2) 3'-0"x6'-8"	SCWD	90 MIN.	5	2	9	PAIR OF DOORS W/ ASTRAGAL & **WIDER HINGES**
022A	COMMUNITY ROOM ENTRY	(2) 3'-0"x7'-6"	SCWD	20 MIN.	6	4	8	PAIR OF DOORS W/ ASTRAGAL, FOB
022B	COMMUNITY ROOM EXIT	3'-0"x7'-0"	ALUM. ST.	NONE	1	1	5	FOB
023	WOMEN'S RESTROOM	3'-0"x6'-8"	SCWD	20 MIN.	5	4	14	-
024	MEN'S RESTROOM	3'-0"x6'-8"	SCWD	20 MIN.	5	4	14	-
025	CORRIDOR EXIT	3'-0"x7'-0"	ALUM. ST.	NONE	1	1	3	FOB
026A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
026B	GARAGE O.H. DOOR	16'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
027A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
027B	GARAGE O.H. DOOR	16'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
028A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
028B	GARAGE O.H. DOOR	16'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
029	MECHANICAL ROOM	3'-0"x6'-8"	SCWD	20 MIN.	5	4	14	-
030A	STAIR B ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	7	-
030B	STAIR B EXIT	3'-0"x7'-0"	ALUM. ST.	NONE	1	1	3	-
031A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
031B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
032A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
032B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
033A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
033B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
034A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
034B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
035A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
035B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
036A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
036B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
037A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
037B	GARAGE O.H. DOOR	9'-0"x7'-0"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
038A	GARAGE ENTRY	3'-0"x6'-8"	INSUL. ST.	45 MIN.	2	4	14	-
038B	GARAGE O.H. DOOR	9'-0"x8'-4"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER ON TIMER & ISOLATED MOUNTING HARDWARE
039A	REFUSE ROOM ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	11	-
039B	REFUSE ROOM EXIT	1'-0"x7'-8"	INSUL. ST.	NONE	4	3	6	PROVIDE AUTOMATIC OPENER
040	PET WASH ROOM	3'-0"x6'-8"	SCWD	20 MIN.	6	4	14	ACCESSIBLE THRESHOLD
041A	ELECTRICAL ROOM ENTRY	3'-0"x6'-8"	INSUL. ST.	20 MIN.	2	4	14	PROVIDE PANIC HARDWARE AS REQ'D BY NFPA 70 National Electrical Code Section 110.26
041B	ELECTRICAL ROOM EXIT DOOR	3'-0"x6'-8"	INSUL. ST.	NONE	2	2	3	PROVIDE PANIC HARDWARE AS REQ'D BY NFPA 70 National Electrical Code Section 110.26
042	MOVE-IN CORRIDOR EXIT	4'-0"x7'-0"	ALUM. ST.	NONE	1	1	3	-
043	ELEVATOR	4'-4"x7'-5"	SCWD	NONE	5	4	7	VERIFY SIZE OF DOOR WITH ELEV. SHOP DWG'S.
043B	ELEVATOR ACCESS DR.	3'-0"x7'-0"	SCWD	60 MIN.	5	4	23	-
044	MECHANICAL ROOM ENTRY	3'-0"x6'-8"	SCWD	20 MIN.	5	4	14	-

Door #	Door Location (Room Name)	Door Size	Door Material	Assembly Rating	Doors Type	Frame Type	Hdwr. Group	Comments (note: rating of door frame and hardware to match door rating)
	SECOND FLOOR PUBLIC DOORS							
050	STAIR A ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	7	-
051	HVAC CLOSET	(2) 3'-0"x6'-8"	SCWD	20 MIN.	5	4	24	PAIR OF DOORS
052	ENTERTAINMENT ROOM	3'-0"x6'-8"	SCWD	20 MIN.	6	4	10	-
053A	STUDIO CENTER	3'-0"x6'-8"	SCWD	20 MIN.	6	4	10	-
053B	PODCAST ROOM #1	3'-0"x6'-8"	SCWD	NONE	7	4	25	-
053C	PODCAST ROOM #2	3'-0"x6'-8"	SCWD	NONE	7	4	25	-
053D	PODCAST ROOM #3	3'-0"x6'-8"	SCWD	NONE	7	4	25	-
053E	PODCAST ROOM #4	3'-0"x6'-8"	SCWD	NONE	7	4	25	-
054	ELEVATOR	4'-4"x7'-5"	SCWD	NONE	5	4	7	VERIFY SIZE OF DOOR WITH ELEV. SHOP DWG'S.
055	CORRIDOR	(2) 3'-0"x6'-8"	SCWD	90 MIN.	5	2	9	PAIR OF DOORS W/ ASTRAGAL & **WIDER HINGES**
056	REFUSE CHUTE ROOM	3'-0"x6'-8"	SCWD	45 MIN.	5	4	11	-
057	STAIR B ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	7	-

Door Letter	Door Location (Room Name)	Door Size	Door Material	Door Rating	Doors Type	Frame Type	Hdwr. Group	Comments (note: rating of door frame and hardware to match door rating)
	THIRD FLOOR PUBLIC DOORS							
040	STAIR A ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	7	-
042	JANITOR CLOSET	3'-0"x6'-8"	SCWD	20 MIN.	5	5	14	-
044	ELEVATOR	4'-4"x7'-5"	SCWD	NONE	5	4	7	VERIFY SIZE OF DOOR WITH ELEV. SHOP DWG'S.
045	CORRIDOR	(2) 3'-0"x6'-8"	SCWD	90 MIN.	5	2	9	PAIR OF DOORS W/ ASTRAGAL & **WIDER HINGES**
046	REFUSE CHUTE ROOM	3'-0"x6'-8"	SCWD	45 MIN.	5	4	11	-
047	STAIR B ENTRY	3'-0"x6'-8"	SCWD	60 MIN.	5	4	7	-

Door Letter	Door Location (Room Name)	Door Size	Door Material	Door Rating	Doors Type	Frame Type	Hdwr. Group	Comments (note: rating of door frame and hardware to match door rating)
	UNIT DOORS							
AA	UNIT ENTRY	3'-0"x6'-8"	SCWD	20 MIN.	5	4	18	-
BB	BATHROOM/BEDROOM	3'-0"x6'-8"	HCWD	NONE	8	5	19	-
CC	-	-	-	-	-	-	-	-
DD	CLOSET	5'-0"x7'-0"	HCWD	NONE	8	5	21	PAIR OF DOORS
EE	CLOSET	3'-0"x7'-0"	HCWD	NONE	8	5	20	-
FF	CLOSET	5'-0"x6'-8"	HCWD	NONE	8	5	21	PAIR OF DOORS
GG	CLOSET	2'-6"x6'-8"	HCWD	NONE	8	5	20	-
HH	CLOSET	3'-0"x6'-8"	HCWD	NONE	8	5	20	-

	DOOR TYPES:	ABBREVIATIONS:	
1	ALUMINUM STOREFRONT, MEDIUM STYLE, PRE-FINISHED w/INSULATED GLAZING.	ALUM. ST.	ALUMINUM STORE FRONT
2	INSULATED STEEL, PRE-FINISHED, FLUSH PANEL.	INSUL. ST.	INSULATED STEEL
3	INSULATED STEEL, PRE-FINISHED, FULL LITE.	HCWD	HOLLOW CORE WOOD DOOR
4	INSULATED STEEL, PRE-FINISHED, RAISED PANELS, COMMERCIAL O.H.D. w/ STEEL BACKER.	SCWD	SOLID CORE WOOD DOOR
5	1 3/4" WOOD, PRE-FINISHED, SMOOTH 2 PANEL.		
6	1 3/4" WOOD, PRE-FINISHED, SMOOTH 2 PANEL w/ HALF LITE.		
7	1 3/8" WOOD, PRE-FINISHED, SMOOTH FLUSH PANEL, w/ 15 LITES.		
8	1 3/8" WOOD, PRE-FINISHED, SMOOTH 2 PANEL.		

FRAME TYPES:

1. ALUMINUM STOREFRONT, PRE-FINISHED, w/THERMAL BREAK.
2. 18 GA. METAL FRAME, PRE-FINISHED, W/ THERMAL BREAK
3. NO FRAME AT OVER HEAD DOOR.
4. PRE-FINISHED METAL KNOCK DOWN FRAME
5. WOOD FRAME PRE-FINISHED TO MATCH DOOR.
6. POCKET DOOR FRAME

HARDWARE GROUPS:

SCHLAGE OR EQUAL "AL" SERIES AT INTERIOR DOORS, "D" SERIES AT EXTERIOR DOORS.
PROVIDE APPROVED LEVER HANDLES AT ALL DOORS AND BUMPERS WHERE REQUIRED.
DOOR HARDWARE TO MATCH LABEL OF DOOR AND BE INSTALLED PER NFPA #80.

1. ENTRY HARDWARE; 1 1/2 PAIR HINGES, CLOSER, PULL BAR/PUSH PLATE, ADA THRESHOLD, WEATHER STRIP.
2. ENTRY HARDWARE; 1 1/2 PAIR HINGES, CLOSER, LOCKING LATCH, ELECTRONIC INTERCOM SECURITY SYSTEM, ADA THRESHOLD, WEATHER STRIP.
3. ENTRY HARDWARE; 1 1/2 PAIR HINGES, CLOSER, LOCKING LATCH, ADA THRESHOLD, WEATHER STRIP.
4. ENTRY HARDWARE; 3 PAIR HINGES, LOCKING LATCH, DUMMY LATCH, FLUSH BOLTS, ASTRAGAL, ADA THRESHOLD, WEATHER STRIP.
5. ENTRY HARDWARE; 1 1/2 PAIR HINGES, LOCKING FROM OUTSIDE PANIC HARDWARE, ADA THRESHOLD, WEATHER STRIP.
6. OVER HEAD DOOR HARDWARE. PROVIDE AUTOMATIC OPENER.
7. PASSAGE HARDWARE; 1 1/2 PAIR HINGES, CLOSER, NON-LOCKING LATCH, SMOKE GASKET, MAGNETIC HOLD OPEN TIED TO FIRE ALARM.
8. PASSAGE HARDWARE; 3 PAIR HINGES, 2 CLOSERS, 2 PANIC HARDWARE, SMOKE GASKET, 2 MAGNETIC HOLD-OPENS TIED TO FIRE ALARM, LOCKED FROM CORRIDOR SIDE ONLY.
9. PASSAGE HARDWARE; 3 PAIR HINGES, 2 CLOSERS, 2 NON-LOCKING LATCHES, ADA THRESHOLD, SMOKE GASKET, 2 MAGNETIC HOLD OPENS TIED TO FIRE ALARM.
10. PASSAGE HARDWARE; 1 1/2 PAIR HINGES, CLOSER, LOCKING LATCH, SMOKE GASKET.
11. PASSAGE HARDWARE; 1 1/2 PAIR HINGES, CLOSER, NON-LOCKING LATCH, ADA THRESHOLD, SMOKE GASKET.
12. PASSAGE HARDWARE; 1 1/2 PAIR HINGES, CLOSER, PANIC HARDWARE, THRESHOLD, SMOKE GASKET.
13. PASSAGE HARDWARE; 1 1/2 PAIR HINGES, NON-LOCKING LATCH, THRESHOLD, SOUNDPROOFING DOOR SEAL.
14. STOREROOM HARDWARE; 1 1/2 PAIR HINGES, CLOSER, LOCKING LATCH, ADA THRESHOLD, SMOKE GASKET.
15. STOREROOM HARDWARE; 1 1/2 PAIR HINGES, LOCKING LATCH.
16. PRIVACY HARDWARE; 1 1/2 PAIR HINGES, CLOSER, PUSH BUTTON LOCKING LATCH, ADA THRESHOLD, SMOKE GASKET.
17. PRIVACY HARDWARE; 1 1/2 PAIR HINGES, PUSH BUTTON LOCKING LATCH.
18. UNIT ENTRY HARDWARE; 1 1/2 PAIR SPRING LOADED HINGES, KEYED LOCKING LATCH, DEAD BOLT, DOOR SWEEP, SMOKE GASKET, EYE VIEWER.
19. PRIVACY HARDWARE; 1 PAIR HINGES, PUSH BUTTON LOCKING LATCH.
20. PASSAGE HARDWARE; 1 PAIR HINGES, NON-LOCKING LATCH.
21. PASSAGE HARDWARE; 2 PAIR HINGES, 1 NON-LOCKING LATCH, 1 DUMMY LATCH.
22. POCKET DOOR HARDWARE
23. STOREROOM HARDWARE; 1 1/2 PAIR HINGES, SPRING LOADED HINGES, KEYED LOCKING LATCH, SMOKE GASKET, THRESHOLD, WEATHER STRIPPING FOR AIR TIGHT SEAL, DOOR KNOB ON HOISTWAY SIDE OF DOOR TO HAVE BLANK PLATE.
24. STOREROOM HARDWARE; 3 PAIR HINGES, CLOSER, LOCKING LATCH, SMOKE GASKET.
25. PASSAGE HARDWARE; 1 PAIR HINGES, PUSH BUTTON LOCKING LATCH, SMOKE SEAL, DOOR SWEEP. HIGHER STC DOOR/HARDWARE.

80 CONCEAL SMOKE DOOR DETAIL
SCALE: 3/8" = 1'-0"

GENERAL NOTES:

- ALL EXIT DOORS TO HAVE PANIC HARDWARE
- VERIFY ALL DOOR PANEL STYLES w/ G.C./OWNER.
- VERIFY ALL ELECTRONIC HARDWARE ACCESS LOCATIONS w/ G.C./OWNER.
- VERIFY DOOR HARDWARE w/ SHOP DRAWINGS.
- VERIFY ROUGH OPENINGS w/ SHOP DRAWINGS.
- ALL ROUGH OPENINGS FROM T.O. GYP. CRETE.
- PROVIDE HEAD FRAME EXTENSIONS AS REQUIRED FOR DOORS IN MASONRY
- DOOR SUPPLIER/G.C. TO VERIFY JAMB THICKNESS AS REQ'D. PROVIDE SHADOW BOX FRAMING @ DOUBLE WALLS PER 4IF/A803 AS REQ'D. BY G.C.
- PROVIDE ADA COMPLIANT THRESHOLD @ ALL EXT. DOORS & WHERE FINISHED FLOORING VARIES MORE THAN 1/4"
- ALL ROUGH OPENINGS FROM T.O. GYP-CRETE.
- CHANGES IN FLOOR LEVEL GREATER THAN 1/4" IN HEIGHT AND NOT MORE THAN 1/2" MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. SEE DETAIL 9C/A301.
- PROVIDE A 100 S.I. GLAZED OPENING (APPROX. 3' WIDE x 33" HIGH) WITH BOTTOM OF GLAZING 43" MAX. A.F.F. AT STAIR ENTRY DOORS.
- ALL STAIRWAY DOORS TO HAVE "FAIL SAFE" ELECTRONIC MECHANISM.
- ALL DOORS TO HAVE A SMOOTH FLAT SURFACE, FULL WIDTH AND 10" MIN. MEASURED VERTICAL FROM FINISHED FLOOR ON THE PUSH SIDE.

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of MINNESOTA

Name DAVID J. MAJCHRZAK

LICENSED ARCHITECT 43581 07/11/25

These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the expressed written permission and consent of COLE GROUP ARCHITECTS, Inc. All common law copyright and other property rights in these plans. Only the original building designed for this specific project may be constructed from these plans. Visual contact with these plans shall constitute conclusive evidence of acceptance of these restrictions. COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the expressed written permission and consent of COLE GROUP ARCHITECTS, Inc.

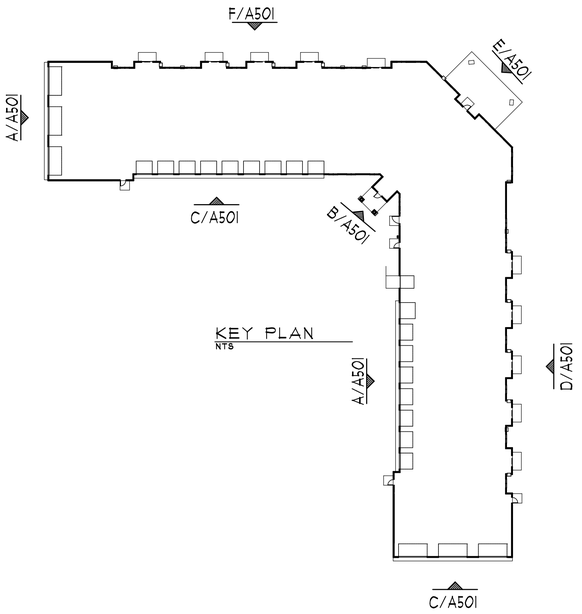
COLE GROUP
ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-5301
www.colegrouparchitects.com

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
4408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the expressed written permission and consent of COLE GROUP ARCHITECTS, Inc.

REVISIONS COMMENTS	REVISIONS COMMENTS

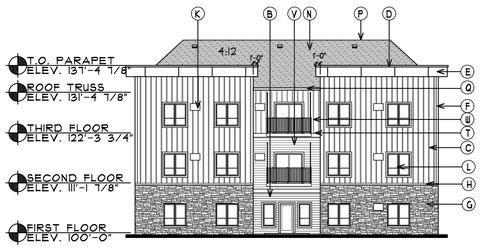


EXTERIOR MATERIAL SCHEDULE:	
KEY	ITEM
A	PRE-FABRICATED METAL COPING FLASHING
B	HORIZONTAL LAP LP SMART SIDING - 5"- COLOR #1
C	VERTICAL BOARD & BATTEN LP SMART SIDING - COLOR #3
D	PRE-FINISHED METAL CAP FLASHING
E	LP SMARTSIDE PANEL
F	CORNER TRIM - 6" - COLOR TO MATCH ADJ. MATERIAL.
G	MANUFACTURED STONE VENEER
H	MANUFACTURED STONE CAP/SILL
J	INSULATED STEEL OVERHEAD DOORS
K	AC UNIT - CONT. ALT: PAINT TO MATCH ADJACENT MATERIAL COLOR
L	VINYL WINDOW WITH 4" TRIM
M	-
N	ASPHALT SHINGLES
P	CONTINUOUS RIDGE VENT
Q	PRE-FINISHED FASCIA & SOFFIT PANEL BELOW
R	PRE-FABRICATED ALUMINUM SUSPENSION DECKS
S	-
T	TRIM BOARD
U	DECORATIVE BRACKET
V	HORIZONTAL LAP LP SMART SIDING - 5" - COLOR #2
W	VERTICAL BOARD & BATTEN LP SMART SIDING - COLOR #4

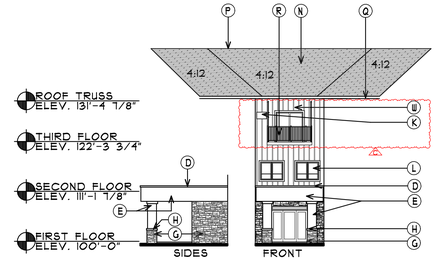
CONT. ALT: JAMES HARDIE IN LIEU OF LP OR APPROVED EQUAL



WEST ELEVATION "A"
SCALE: 1/16" = 1'-0"



NORTH EAST ELEV. "E"
SCALE: 1/16" = 1'-0"



ENTRY ELEVATION "B"
SCALE: 1/16" = 1'-0"



SOUTH ELEVATION "C"
SCALE: 1/16" = 1'-0"



NORTH ELEVATION "D"
SCALE: 1/16" = 1'-0"



EAST ELEVATION "F"
SCALE: 1/16" = 1'-0"

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP
ARCHITECTS LLC.
214 Park Avenue South
Suite 1023
Saint Cloud, MN. 56301
(320) 654-6570
www.colegrouparchitects.com

LICENSED ARCHITECT
DAVID MAJCHRZAK
60301
BY
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	
REVISIONS COMMENTS	1 10-25 CCDSP #1

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

A501

PLOTTED: 11-10-25 FILE: 24022E CDR.S

ASPHALT SHINGLES
ICE & WATER SHIELD UNDER THE ENTIRE SHED ROOF TRANSITION
APA RATED ROOF SHEATHING, SEE STRUCT.
PRE-ENG. WOOD ROOF TRUSSES SEE STRUCTURAL PLANS

ADJUST HEEL HEIGHT & PITCH @ SHED ROOF LOCATIONS, SEE ROOF PLAN & VERIFY W/ STRUCTURAL PLANS
TOP CORD EXTENSION FOR SHED ROOF

GUTTERS WITH DOWNSPOUT
METAL DRIP EDGE
PRE-FINISHED METAL FASCIA
2x8 SUB FASCIA
STRIP VENTING
2x SOFFIT FRAMING, SEE STRUCT.
2 LAYERS 5/8" GYPSUM SHTG.
PRE-FINISHED NON-VENTED METAL SOFFIT PANEL

12 / 2.5
12 A902 1'-4"
5'-0"
PROVIDE FIRE SPRINKLER PROTECTION AS REQUIRED BY CODE. ADD SOFFIT WHERE REQUIRED
4 A902

1 HOUR FLOOR/CEILING ASSEMBLY:
UL DETAIL 15/A902
MIN. 3/4" GYPCRETE & HARD SURFACE:
1/8" SOUND MAT (SEE OWNER SPECS FOR ALT.)
MIN. 7/8" GYPCRETE SOFT SURFACES:
3/4" APA RATED SUBFLOOR
WOOD FLOOR TRUSSES - SEE STRUCT. PLANS
SOUND INSULATION MIN. 50 S.T.C. & I.I.C.)
1/2" RC-CHANNEL
(1) LAYER 5/8" GYPSUM BOARD

26 A901
PROVIDE CAULKING AT ALL LOCATIONS WHERE EXTERIOR WALL SILL PLATE SITS ON WOOD SUBFLOOR
15 A802
UNIT
30 A802
26 A901

1 HOUR FLOOR/CEILING ASSEMBLY:
UL DETAIL 15/A902
MIN. 3/4" GYPCRETE & HARD SURFACE:
1/8" SOUND MAT (SEE OWNER SPECS FOR ALT.)
MIN. 7/8" GYPCRETE SOFT SURFACES:
3/4" APA RATED SUBFLOOR
WOOD FLOOR TRUSSES - SEE STRUCT. PLANS
SOUND INSULATION MIN. 50 S.T.C. & I.I.C.)
1/2" RC-CHANNEL
(1) LAYER 5/8" GYPSUM BOARD

PROVIDE CAULKING AT ALL LOCATIONS WHERE EXTERIOR WALL SILL PLATE SITS ON WOOD SUBFLOOR
26 A901
15 A802

TAPER TOP EDGE OF RIGID INSULATION
4" CONC. PATIO SLOPE AWAY FROM BUILDING W/ THICKENED EDGE
31 A802
SLOPE
6 A801
4" POURED CONCRETE SLAB ON MIN 6 MIL (10 MIL POLY PREFERRED) VAPOR BARRIER ON BASE AS REQ'D BY RADON SYSTEM SEE DET. 20/A802
GRADE - SEE CIVIL PLANS
REINF. CONC. POURED WALL, SEE STRUCT.
R-10 (MIN.) RIGID INSULATION FROM TOP OF SLAB TO TOP OF FOOTING
NOTE: MAINTAIN MIN. 60" FROST DEPTH AT ALL FOOTINGS
POURED CONCRETE THICKENED SLAB SEE STRUCTURAL PLANS FOR SIZE AND REINFORCING
POURED CONCRETE FOOTING SEE STRUCTURAL PLANS FOR SIZE AND REINFORCING

NOTE: PROVIDE PASSIVE RADON MITIGATION SYSTEM AS REQ'D PER MN ENERGY CODE, SEE DET. 20/A802. PROVIDE VENTING EVERY 4,000 SF.

NOTE: CONTRACTOR TO VERIFY ALL RECOMMENDATIONS BY GEOTECHNICAL ENGINEER PER SOILS REPORT

1 TYP. WALL SECTION @ SHED ROOF
SCALE: 3/4" = 1'-0"

CONTINUOUS RIDGE VENT W/ SNOW INFILTRATION SCREEN
ATTIC VENTILATORS PER CODE
5/8" DRAFT STOP AS REQUIRED PER CODE SEE PLAN FOR LOCATIONS
ATTIC
CATWALK
NAILS EACH SIDE SEE STRUCT.
4 MIL VAPOR BARRIER
R-49 MIN. BLOWN INSUL.
UTILITY CHASE
2x CEILING JOISTS, SEE STRUCT. SUSPENDED CEILING
(2 LAYERS) 5/8" TYPE 'X' GYP. BD. SEE DET. 4/A903
(1) LAYER 1/2" TYPE 'X' GYP. BD. W/ (1) LAYER 5/8" TYPE 'X' GYP. BD. ABOVE PLATE SEE DET. 4/A903
2x6 STUDS, SEE STRUCT. 5/8" GYPSUM BOARD R.C. CHANNEL SOUND INSULATION 5/8" GYPSUM BOARD
39 A901
CORRIDOR

UNIT
15 A802
6 A802
1 HOUR FLOOR/CEILING ASSEMBLY:
UL DETAIL 6/A902
7/8" GYPCRETE
3/4" APA RATED SUBFLOOR
2X10 JOISTS - SEE STRUCT. PLANS
(2) LAYERS OF 5/8" GYPSUM BOARD
UTILITY CHASE
CONT. RIBBON, SEE STRUCT.
SUSPENDED CEILING
(1) LAYER 1/2" TYPE 'X' GYP. BD. W/ (1) LAYER 5/8" TYPE 'X' GYP. BD. ABOVE PLATE SEE DET. 4/A903
2x6 STUDS, SEE STRUCT. 5/8" GYPSUM BOARD R.C. CHANNEL SOUND INSULATION 5/8" GYPSUM BOARD
39 A901
CORRIDOR

1 HOUR FLOOR/CEILING ASSEMBLY:
UL DETAIL 6/A902
7/8" GYPCRETE
3/4" APA RATED SUBFLOOR
2X10 JOISTS - SEE STRUCT. PLANS
(2) LAYERS OF 5/8" GYPSUM BOARD
15 A802
6 A902
UTILITY CHASE
CONT. RIBBON, SEE STRUCT.
SUSPENDED CEILING
(1) LAYER 1/2" TYPE 'X' GYP. BD. W/ (1) LAYER 5/8" TYPE 'X' GYP. BD. ABOVE PLATE SEE DET. 4/A903
2x6 STUDS, SEE STRUCT. 5/8" GYPSUM BOARD R.C. CHANNEL SOUND INSULATION 5/8" GYPSUM BOARD
UNIT
CORRIDOR

TREATED SILL PLATES SEE STRUCT.
ANCHOR BOLTS - SEE STRUCTURAL PLANS
ISOLATION JOINT W/ R-5 MIN. RIGID INSUL.
THICKENED SLAB FOOTING SEE STRUCT. PLANS
4" POURED CONC. SLAB REINFORCED AS REQ'D. SEE STRUCT.
6 MIL VAPOR BARRIER
R-10 MIN. RIGID INSUL.
POURED CONCRETE FOOTING SEE STRUCTURAL PLANS FOR SIZE AND REINFORCING

2 TYP. WALL SECTION @ CORRIDOR
SCALE: 3/4" = 1'-0"

1 HOUR ROOF/CEILING ASSEMBLY:
UL DETAIL 4/A902
ASPHALT SHINGLES
BUILDING PAPER
1/2" APA RATED ROOF SHEATHING
PRE-ENG. WOOD ROOF TRUSSES SEE STRUCTURAL PLANS
R-49 BLOWN IN INSULATION
4 MIL. VAPOR BARRIER
1/2" RC-CHANNEL
(1) LAYER 5/8" GYPSUM BOARD

12 / 4
18 A801
4 A902
TRUSS BRG. = 131'-4 7/8"
NOTE: R-21 MIN. SPRAY FOAM OR SOLID INSULATION BEHIND OUTLETS ON EXT. WALL.
2'-0"

UNIT
26 A901
1 HOUR FLOOR/CEILING ASSEMBLY:
UL DETAIL 15/A902
HARD SURFACE: MIN. 3/4" GYPCRETE & 1/8" SOUND MAT (SEE OWNER SPECS FOR ALT.)
SOFT SURFACES: MIN. 7/8" GYPCRETE
3/4" APA RATED SUBFLOOR
WOOD FLOOR TRUSSES - SEE STRUCT. PLANS
SOUND INSULATION MIN. 50 S.T.C. & I.I.C.)
1/2" RC-CHANNEL
(1) LAYER 5/8" GYPSUM BOARD
THIRD FLOOR = 122'-3 3/4"
CONT. RIBBON, SEE STRUCT.
DOUBLE TOP PLATE
TRUSS BRG. = 120'-3"
5 A802
24 A901

UNIT
1 HOUR FLOOR/CEILING ASSEMBLY:
UL DETAIL 15/A902
MIN. 3/4" GYPCRETE & HARD SURFACE:
1/8" SOUND MAT (SEE OWNER SPECS FOR ALT.)
MIN. 7/8" GYPCRETE SOFT SURFACES:
3/4" APA RATED SUBFLOOR
WOOD FLOOR TRUSSES - SEE STRUCT. PLANS
NON-COM. R-49 BLOWN INSULATION
1/2" RC-CHANNEL
(1) LAYER 5/8" GYPSUM BOARD
39 A901
JOIST HANGER SEE STRUCT.
1 HOUR EXTERIOR WALL ASSEMBLY:
UL DET. 24/A901
SIDING - SEE ELEV.
BUILDING WRAP, TYPICAL ALL EXT. WALLS
APA RATED SHEATHING, SEE STRUCT.
2X4 PRE-CUT STUDS @ 16" O.C.
R-21 BATT INSULATION
4 MIL. VAPOR BARRIER
5/8" GYP. BD.
SECOND FLOOR = 111'-1 7/8"
12" BELLY BAND SEE ELEVATIONS
CONT. RIBBON, SEE STRUCT.
R-21 MIN. SPRAY FOAM INSULATION IN RIM JOIST SPACE
TRUSS BRG. = 109'-1 1/8"
32 A802
15 A802
PROVIDE CAULKING AT ALL LOCATIONS WHERE EXTERIOR WALL SILL PLATE SITS ON WOOD SUBFLOOR
24 A901

GARAGE
S-2 OCCUPANCY
39 A901
SLOPE FLOOR 2" TOWARD DOORS
ANCHOR BOLT SEE STRUCT. PLANS
2x6 PRESSURE TREATED SILL PLATE W/ SILL SEALER
4" POURED CONC. SLAB REINFORCED AS REQ'D. SEE STRUCTURAL PLANS
4"
4" GRANULAR FILL ON COMPACTED BASE
ISOLATION JOINT W/ R-10 MIN. RIGID INSUL.
1/2" ISOLATION JOINT
ANCHOR BOLT SEE STRUCT. PLANS
2x6 PRESSURE TREATED SILL PLATE W/ SILL SEALER
FIRST FLOOR = 100'-0"
REINF. CONC. POURED WALL, SEE STRUCT.
R-10 (MIN.) RIGID INSULATION FROM TOP OF SLAB TO TOP OF FOOTING
NOTE: MAINTAIN MIN. 60" FROST DEPTH AT ALL FOOTINGS
TOP/FTG. = SEE STRUCT.
POURED CONCRETE FOOTING SEE STRUCTURAL PLANS FOR SIZE AND REINFORCING

3 TYP. WALL SECTION @ GARAGE
SCALE: 3/4" = 1'-0"

COLE GROUP ARCHITECTS LLC.
204 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-4510
www.colegrouparchitects.com

DAVID J. MAJCHRZAK
LICENSED ARCHITECT
56381
03/10/25
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

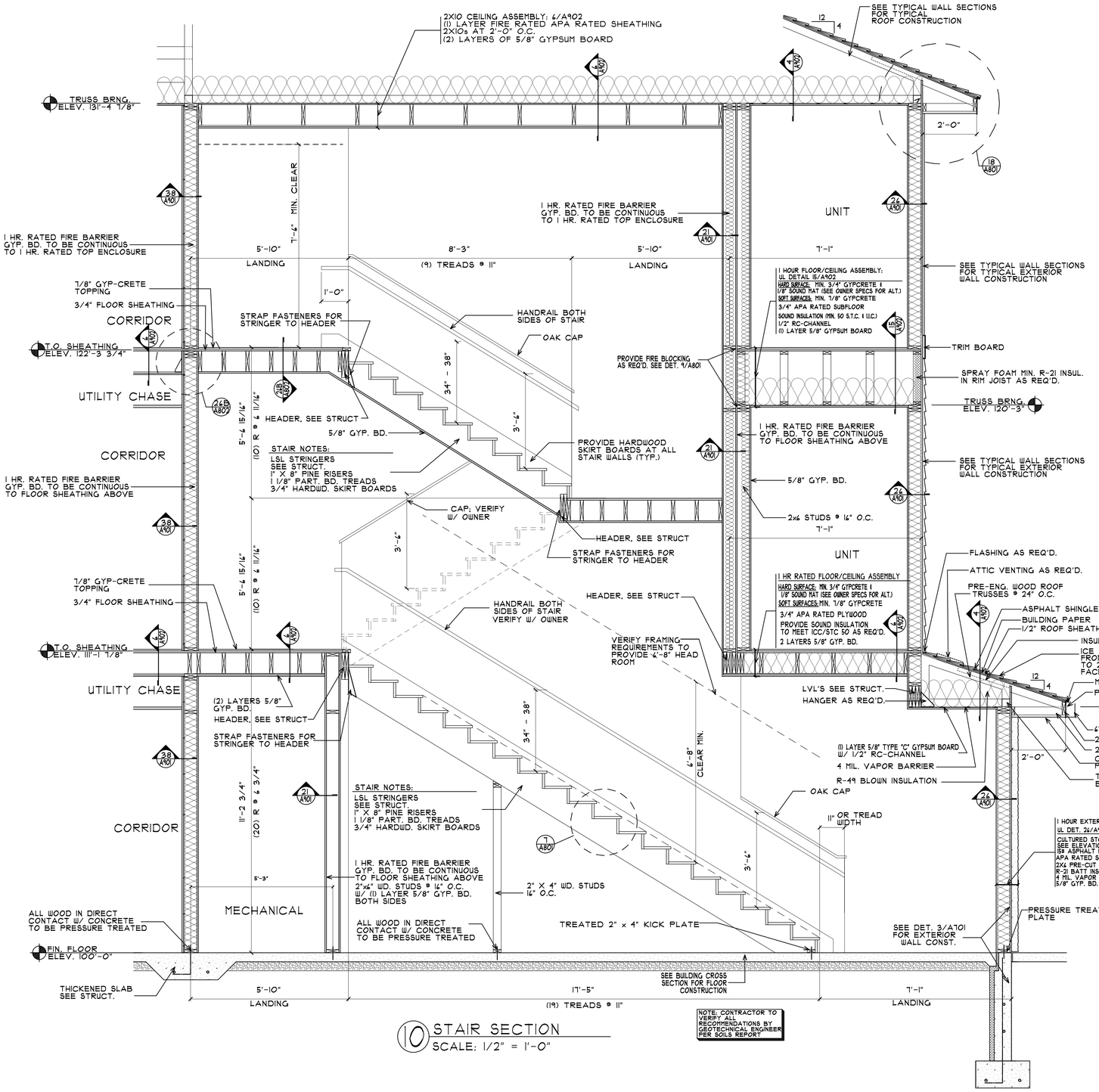
REVISIONS COMMENTS
REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

A701

COLE GROUP ARCHITECTS, Inc. especially reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc

PLOTTED: 03-11-25 FILE: 24022D COM: 5



10 STAIR SECTION
SCALE: 1/2" = 1'-0"

The copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the express written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans without such permission and consent, the unauthorized user agrees to protect, indemnify, defend and hold harmless Cole Group Architects, Inc. for any and all claims, damages, losses, costs and expenses, including attorneys' fees, arising out of or resulting therefrom.

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Minneapolis, MN 55401
(320) 654-4570
www.colegrouparchitects.com

DAVID J. MAJCHRZAK
LICENSED ARCHITECT
49381
07/07/25
STATE OF MINNESOTA

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the express written permission and consent of Cole Group Architects, Inc.

REVISIONS COMMENTS

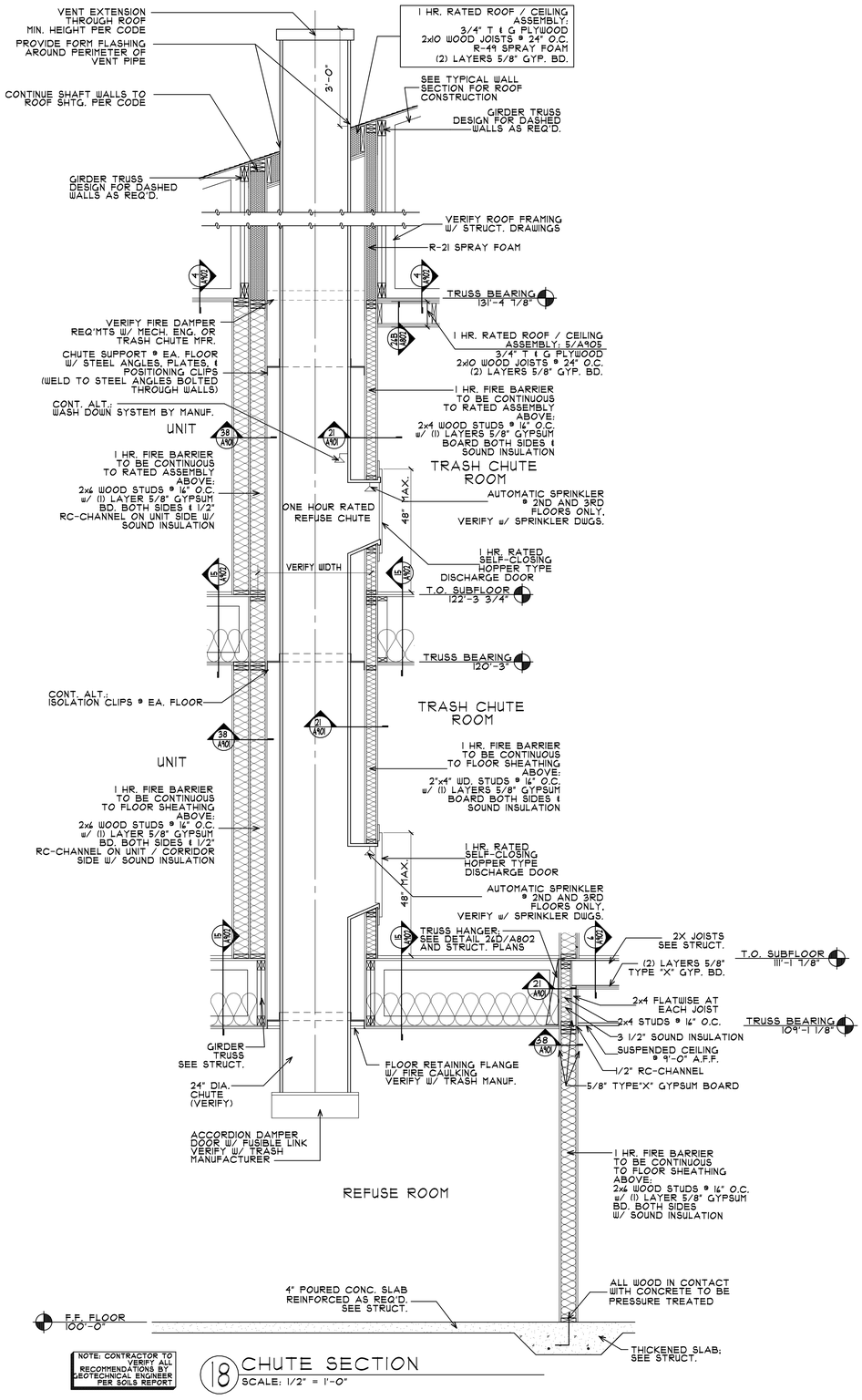
Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

PLOTTED: 03-11-25 FILE: 24022D COM: 5

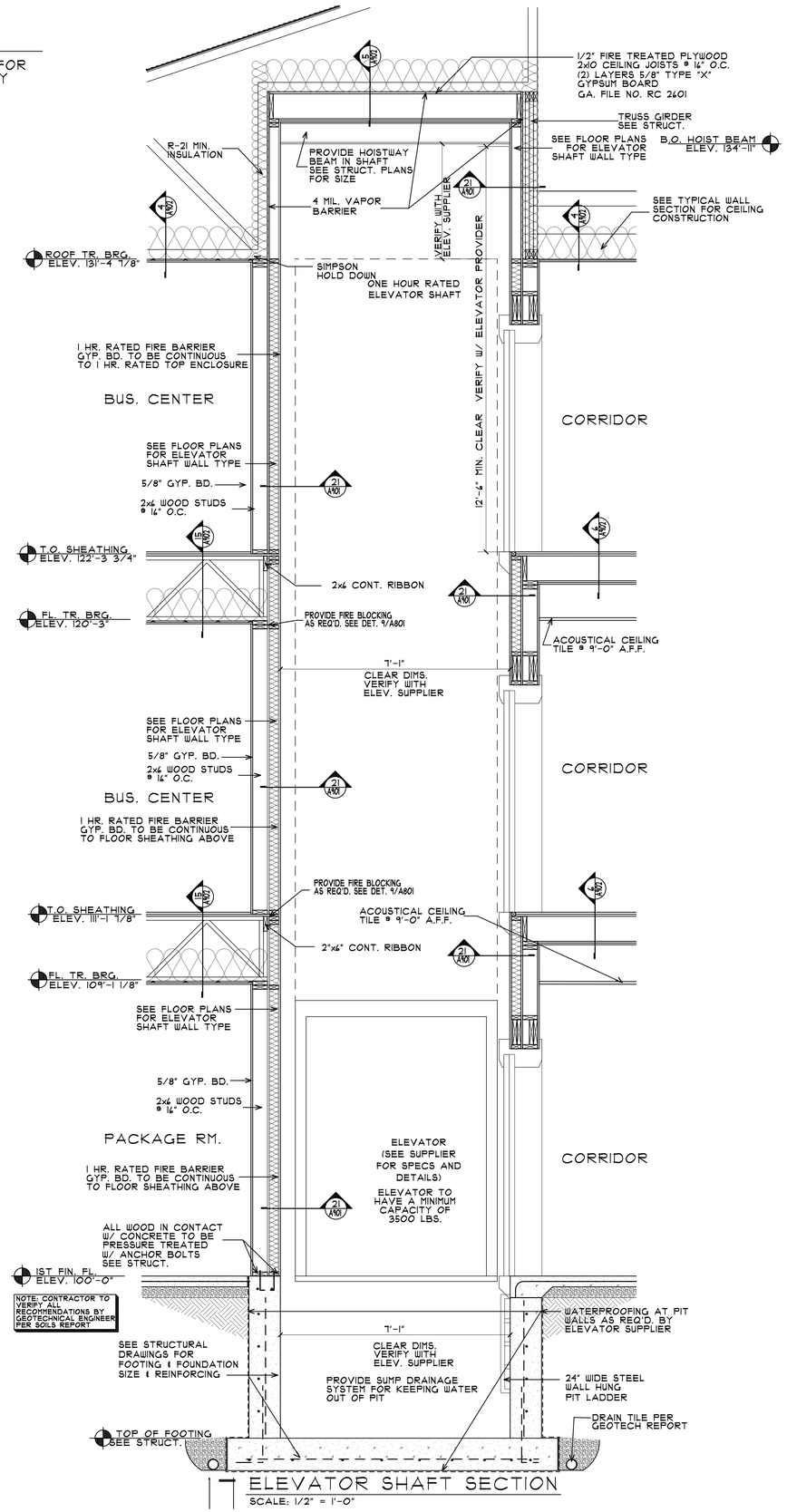
A720

GENERAL NOTE:

A) PROVIDE BLOCKING AS REQ'D FOR ELEVATOR SHAFT RAILS. VERIFY W/ ELEVATOR MANUFACTURER



18 CHUTE SECTION
SCALE: 1/2" = 1'-0"



17 ELEVATOR SHAFT SECTION
SCALE: 1/2" = 1'-0"

COLE & GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the written permission and consent of COLE & GROUP ARCHITECTS, Inc. In the event of unauthorized reuse of these plans without permission and consent, the user will indemnify and hold harmless COLE & GROUP ARCHITECTS, Inc. against any damages, liabilities or costs, including reasonable attorney's fees and court costs.

COLE GROUP ARCHITECTS LLC.
ARCHITECTS
210 Park Avenue South
Suite 102
Minneapolis, MN 55401
(320) 654-6570
www.colegrouparchitects.com

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK
LICENSED ARCHITECT 50381 DAVID JOSEPH MAJCHRZAK STATE OF MINNESOTA

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

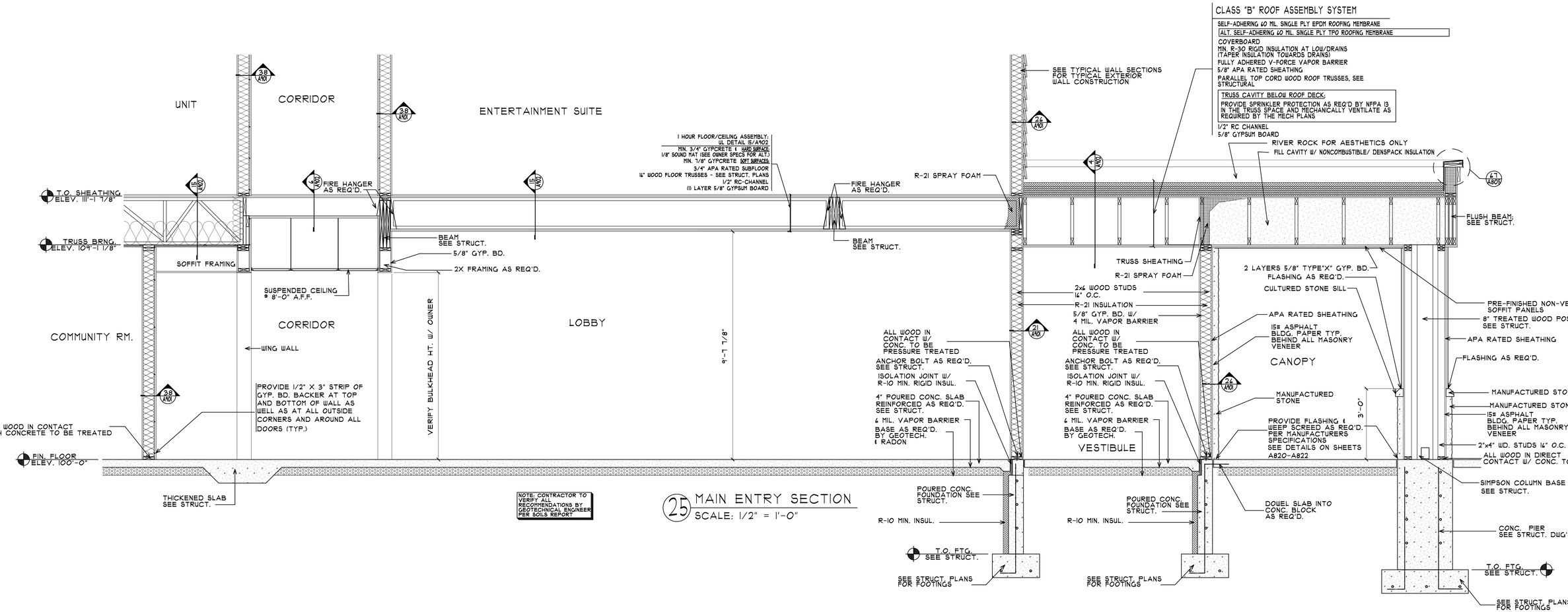
DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET

PLOTTED: 03-11-25 FILE: 24022D COM: 5

A730



25 MAIN ENTRY SECTION
SCALE: 1/2" = 1'-0"

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless.
COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP
ARCHITECTS LLC.
216 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 654-6570
www.colegrouparchitects.com

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervison and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

DAVID MAJCHRZAK LICENSED ARCHITECT 50181 03/17/25 STATE OF MINNESOTA

DEVELOPER:
PARK & THIRD ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

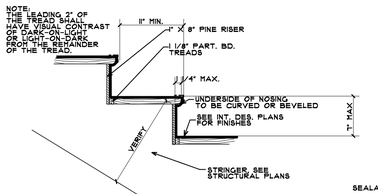
PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS	REVISIONS COMMENTS

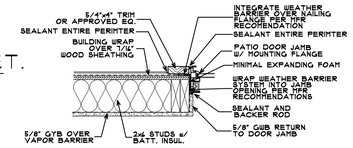
Project No. 24022
Document Set: PERMIT SET
Issue Date: March 11th, 2025
-

A740

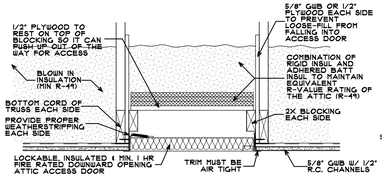
FILE: 24022D COM: 5 PLOTTED: 03-11-25



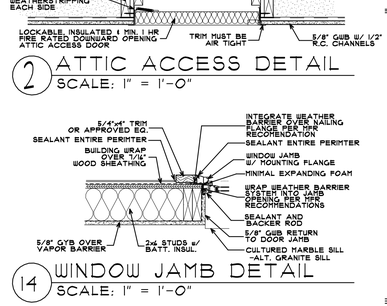
7 STAIR RISER/TREAD DET.
SCALE: 1" = 1'-0"



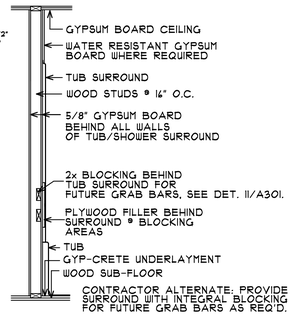
13 PATIO DOOR JAMB
SCALE: 1" = 1'-0"



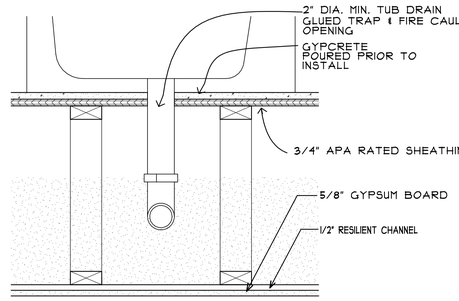
2 ATTIC ACCESS DETAIL
SCALE: 1" = 1'-0"



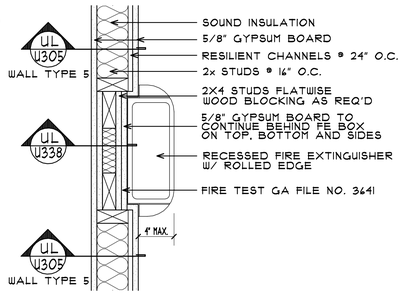
14 WINDOW JAMB DETAIL
SCALE: 1" = 1'-0"



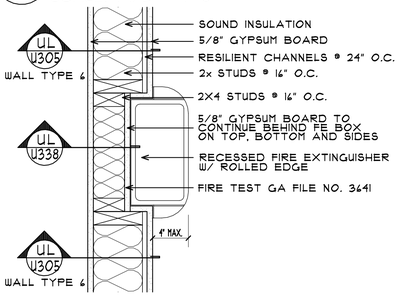
3 TUB SURROUND SECTION
SCALE: 1/2" = 1'-0"



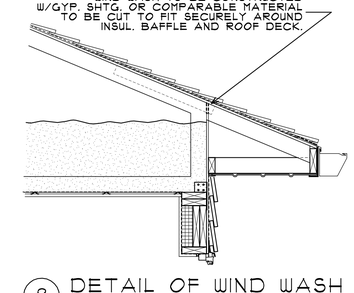
4 TUB DRAIN SECTION
SCALE: 1 1/2" = 1'-0"



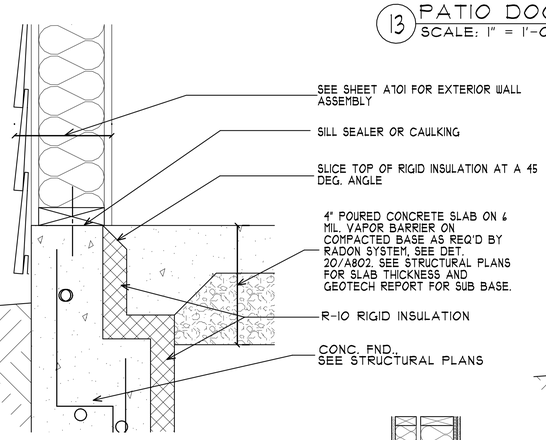
5A RECESSED FIRE EXTINGUISHER DETAIL
SCALE: 1 1/2" = 1'-0"



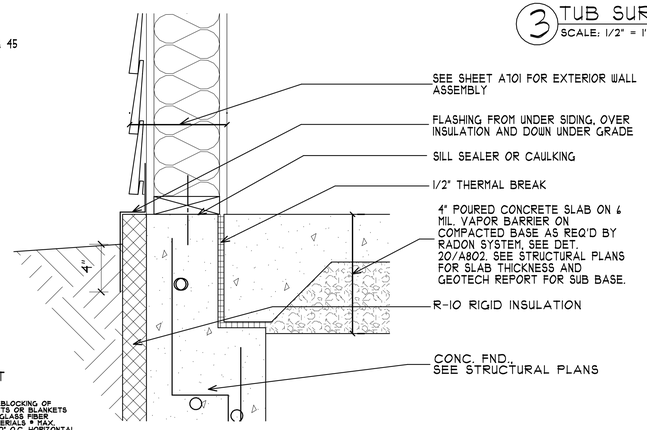
5B RECESSED FIRE EXTINGUISHER DETAIL
SCALE: 1 1/2" = 1'-0"



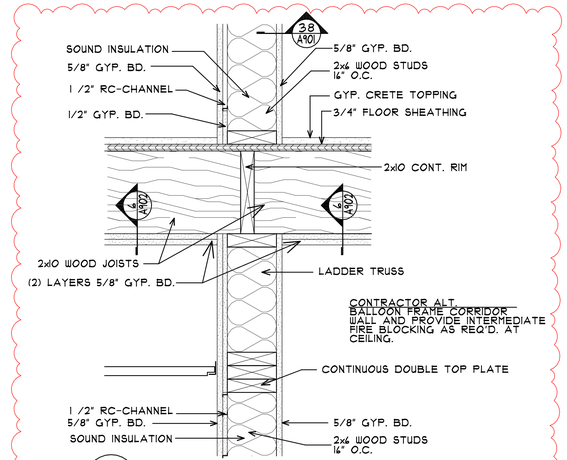
8 DETAIL OF WIND WASH
SCALE: 3/4" = 1'-0"



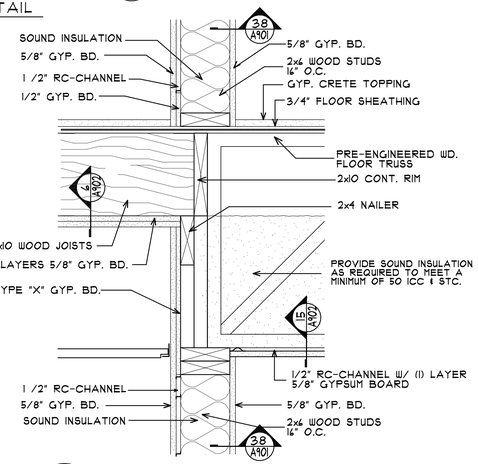
6 SLAB EDGE INSULATION
SCALE: 2" = 1'-0"



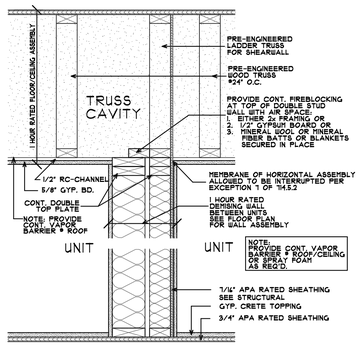
6 FOUNDATION INSULATION
SCALE: 2" = 1'-0" (CONTRACTOR ALTERNATE)



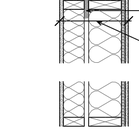
15A TYP. WALL DETAIL @ CORRIDOR ALT.
SCALE: 1 1/2" = 1'-0"



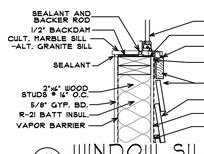
15 TYP. WALL DETAIL @ CORRIDOR
SCALE: 1 1/2" = 1'-0"



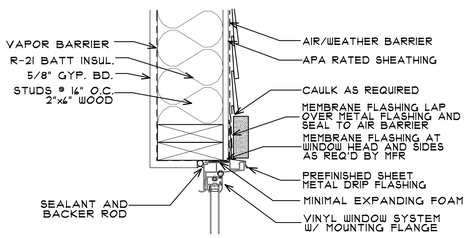
9 VERTICAL FIRESTOPPING DET.
SCALE: 1" = 1'-0" (SECTION VIEW)



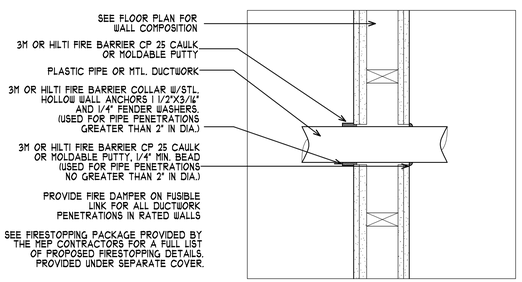
10 HORIZONTAL FIRESTOPPING DET.
SCALE: 1" = 1'-0" (PLAN VIEW)



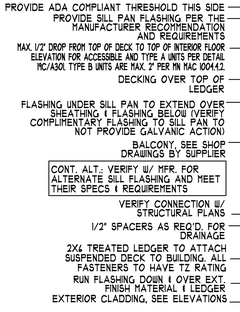
11 WINDOW SILL
SCALE: 1" = 1'-0"



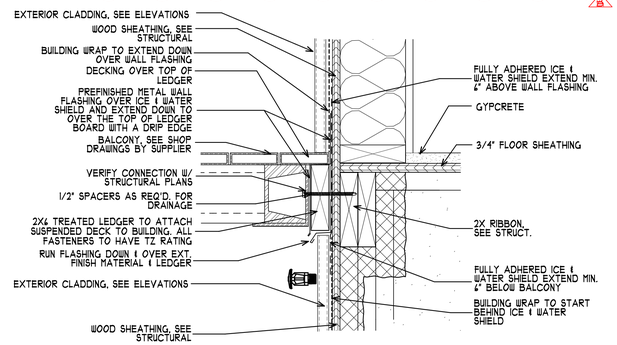
12 FLASHING DETAIL
SCALE: 2" = 1'-0" @ WINDOW HEAD



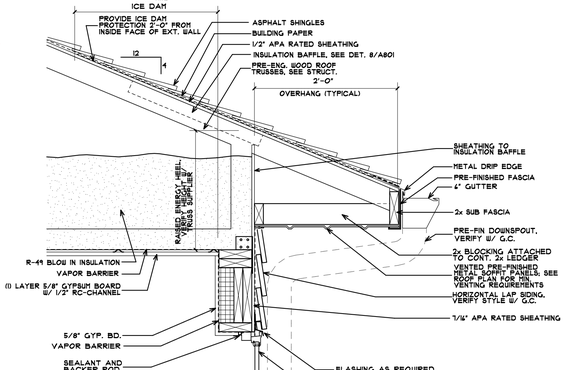
16 PENETRATION @ RATED WALL
SCALE: 3/4" = 1'-0"



17A DECK CONNECTION
SCALE: 2" = 1'-0" @ PATIO DOOR



17B DECK CONNECTION
SCALE: 2" = 1'-0" @ EXTERIOR WALL



18 TYP. EAVE DETAIL
SCALE: 1" = 1'-0"

NOTE:
SEE A700s SHEETS FOR TYPICAL WALL ASSEMBLY SPECIFICATIONS

TYPICAL DETAIL SHEET 1

COLE GROUP ARCHITECTS, LLC.
214 Park Avenue South
Suite 1104
Minneapolis, MN 55401
(320) 654-6510
www.colegrouparchitects.com

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK
DAVID MAJCHRZAK LICENSED ARCHITECT 40317 STATE OF MINNESOTA
DATE 10/17/25

All other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. in the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

REVISIONS COMMENTS	DATE
Addendum #1	12/05/24

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

PLOTTED: 10-03-25 FILE: 24022DET COM: 5 UPDATE: 12/05/24

A801

ADDITIONAL NOTES:

PROVIDE PIPE A MINIMUM OF 10'-0" IN TWO DIRECTIONS WITH A TEE FITTING UNDER THE SLAB AND WITHIN THE GAS PERMEABLE LAYER. RUN 3" PIPE TO EXTERIOR ROOF PER MECHANICAL PLANS.

SUBFLOOR PREPARATION:
OPTION 1) A UNIFORM LAYER OF CLEAN AGGREGATE, MIN. 4" THICK (1/4" - 3/4" IN SIZE) SHALL BE PLACED UNDER THE CONCRETE SLAB.
OPTION 2) A UNIFORM LAYER OF SAND (NATIVE OR FILL), MIN. 4" THICK, OVERLAIN BY A LAYER OR STRIPS OF GEOTEXTILE DRAINAGE MATTING DESIGNED TO ALLOW THE LATERAL FLOW OF SOIL GASES.

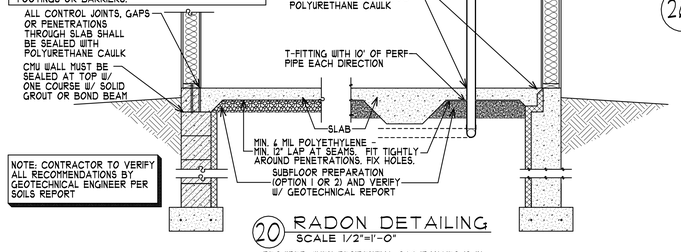
SOIL-GAS-RETARDER: MIN. 6 MIL POLY SHALL BE PLACED ON TOP OF THE GAS PERMEABLE LAYER PRIOR TO PLACING THE SLAB - LAP JOINTS A MINIMUM OF 12".

CONCRETE JOINTS: ALL CONTROL JOINTS, ISOLATION JOINTS, CONSTRUCTION JOINTS AND ANY OTHER JOINTS IN THE CONCRETE SLABS OR BETWEEN SLABS AND FOUNDATION WALLS SHALL BE SEALED WITH A CAULK OR SEALANT. CLEAR ALL GAPS WITH A CAULK OF LOOSE MATERIAL PRIOR TO FILLING.

VENT PIPE ZONING REQUIREMENTS:

IN BUILDINGS WHERE INTERIOR FOOTINGS OR OTHER BARRIERS SEPARATE THE GAS-PERMEABLE MATERIAL INTO TWO OR MORE AREAS, YOU SHALL PROVIDE ONE OF THE FOLLOWING:
OPTION 1): PROVIDE A CONTINUOUS LOOP THROUGHOUT THE SUB-SLAB CONNECTED BY VERTICAL VENT PIPES EVERY 4,000 S.F. WITH SUBFLOOR 1 HORIZONTAL PIPING BETWEEN THICKENED SLAB OR AS REQ'D. BY THE AUTHORITY HAVING JURISDICTION REQUIRES.
OPTION 2): PROVIDE ONE VERTICAL VENT PIPE FOR EACH INDIVIDUAL AREA SEPARATED BY INTERIOR FOOTINGS OR BARRIERS.

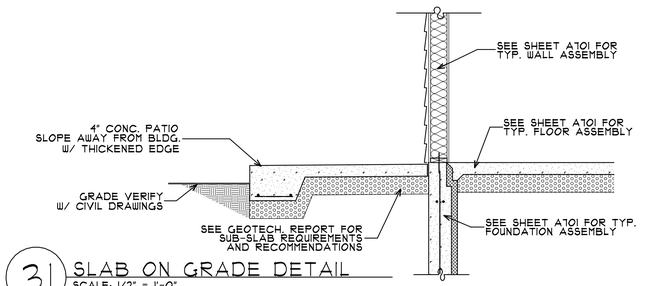
G.C. TO INSTALL A PASSIVE RADON MITIGATION SYSTEM PER MN 1303.2400



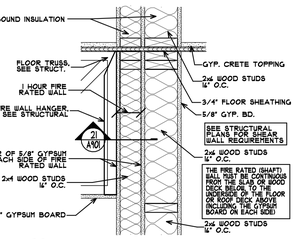
NOTE: CONTRACTOR TO VERIFY ALL RECOMMENDATIONS BY GEOTECHNICAL ENGINEER PER SOILS REPORT

20 RADON DETAILING
SCALE 1/2"=1'-0"

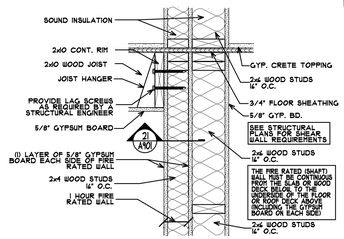
REQUIRED WHEN RESIDENTIAL OCCUPANCIES IS IN DIRECT CONTACT WITH CONCRETE OVER EARTH (SLAB-ON-GRADE PORTION OF THE BUILDING)



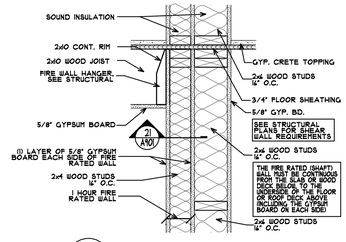
31 SLAB ON GRADE DETAIL
SCALE: 1/2" = 1'-0"



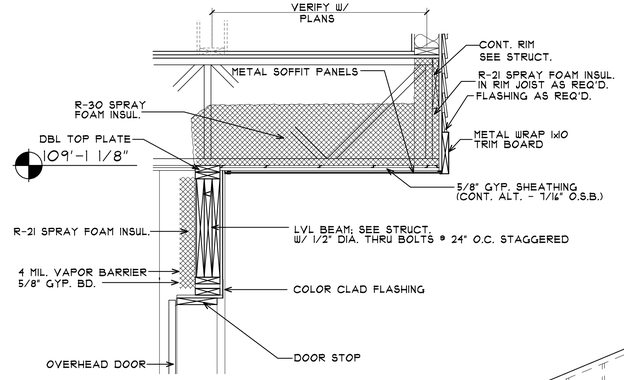
26D BEARING @ SHAFT WALL
SCALE: 1" - 1'-0"



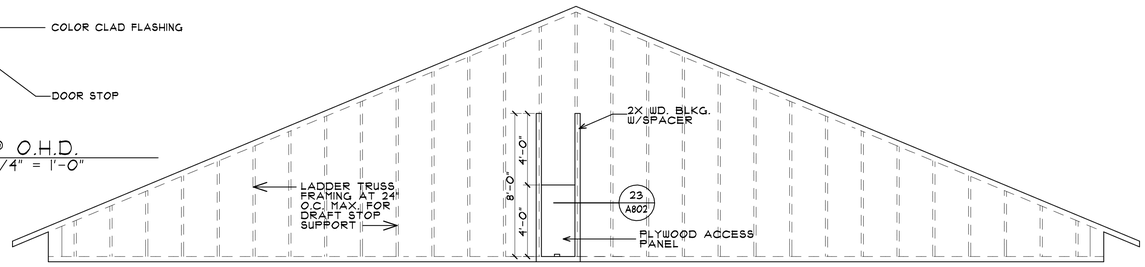
26A BEARING @ SHAFT WALL
SCALE: 1" - 1'-0"
CONTRACTOR ALTERNATE



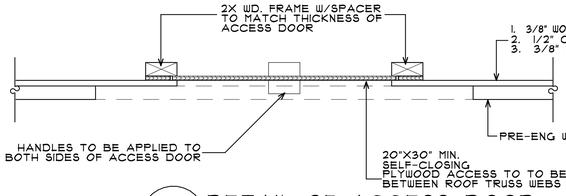
26B BEARING @ SHAFT WALL
SCALE: 1" - 1'-0"



22 BEAM @ O.H.D.
SCALE: 3/4" = 1'-0"

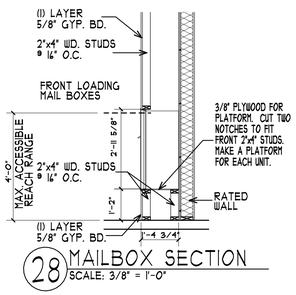


24 SELF CLOSING ACCESS DOOR ELEVATION
SCALE: 1/4" = 1'-0"

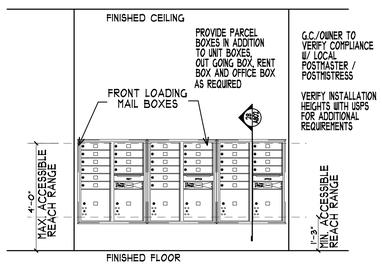


23 DETAIL OF ACCESS DOOR
SCALE: 1 1/2" = 1'-0"

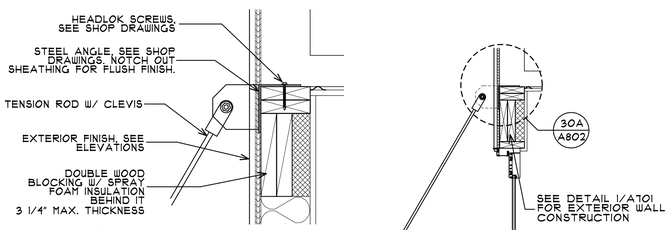
INSTALLATION REQUIREMENTS PER USPS STD-4C
1. AT LEAST ONE CUSTOMER MAILBOX COMPARTMENT SHALL BE POSITIONED LESS THAN 48" ABOVE FINISHED FLOOR (AFF).
2. NO PARCEL LOCKER COMPARTMENT (INTERIOR BOTTOM SHELF) SHALL BE POSITIONED LESS THAN 15" AFF.
3. NO CUSTOMER MAILBOX LOCK SHALL BE LOCATED MORE THAN 48" AFF.
4. NO CUSTOMER MAILBOX COMPARTMENT (INTERIOR BOTTOM SHELF) SHALL BE POSITIONED LESS THAN 28" AFF.
5. THE USPS ARROW LOCK IN THE CARRIER ACCESS DOOR SHALL BE LOCATED BETWEEN 36" AND 48" AFF.
6. APARTMENTS ONLY: THERE MUST BE AT LEAST 1 PARCEL LOCKER FOR EVERY 5 MAILBOX COMPARTMENTS.



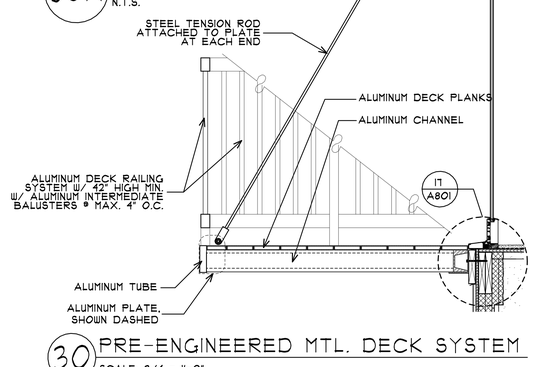
28 MAILBOX SECTION
SCALE: 3/8" = 1'-0"



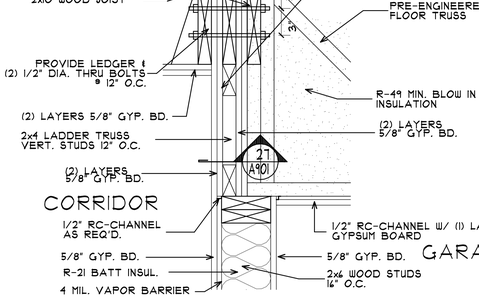
29 MAILBOX ELEVATION
SCALE: 3/8" = 1'-0"



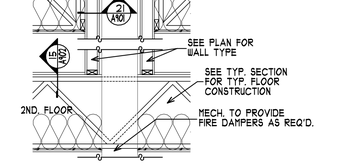
30A BRACKET DETAIL
N.T.S.

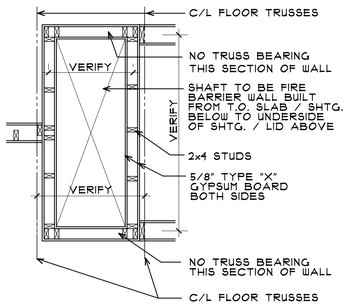


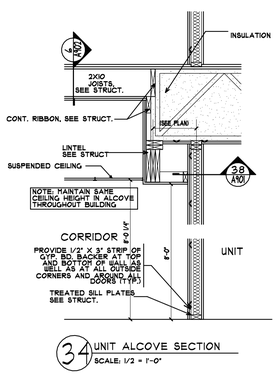
30 PRE-ENGINEERED MTL. DECK SYSTEM
SCALE: 3/4 = 1'-0"



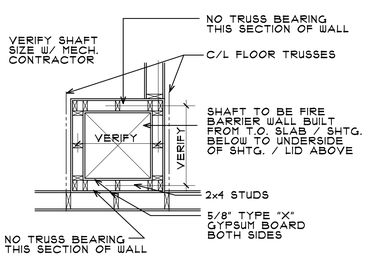
32 1 HR. GARAGE WALL DET.
SCALE: 1 1/2" - 1'-0"







34 UNIT ALCOVE SECTION
SCALE: 1/2 = 1'-0"



33 MECH. CHASE DET.
SCALE: 1/2" = 1'-0"

TYPICAL DETAIL SHEET 2

NOTE: SEE A700s SHEETS FOR TYPICAL WALL ASSEMBLY SPECIFICATIONS

COLE GROUP ARCHITECTS LLC.
214 Park Avenue South
Suite 102
Minneapolis, Mn. 55401
(320) 654-6570
www.colegrouparchitects.com

LICENSED ARCHITECT
DAVID MAJCHRZAK
55581
03/01/25
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink, or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

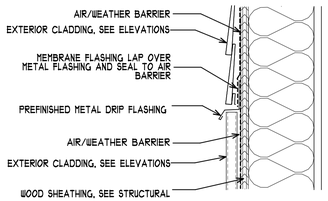
REVISIONS COMMENTS
REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

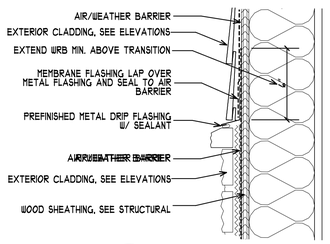
PLOTTED: 03-11-25 FILE: 24022DET COM: 5 UPDATE: 12/05/24

A802

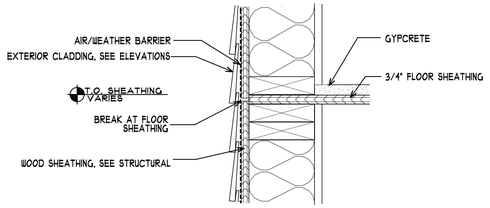
COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. herefrom. -- COPYRIGHT 2025 Cole Group Architects, Inc.



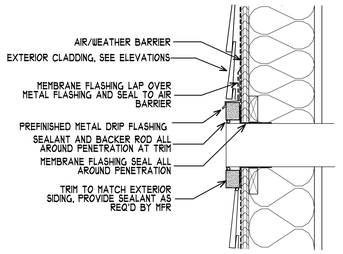
35 FLASHING DETAIL
SCALE: 2" = 1'-0" * DISSIMILAR MATERIAL



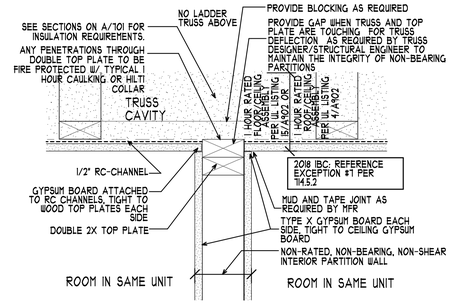
36 FLASHING DETAIL
SCALE: 2" = 1'-0" * STONE CAP



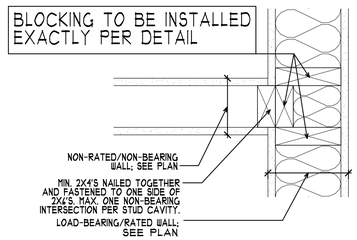
37 BREAK DETAIL
SCALE: 2" = 1'-0" * EACH FLOOR



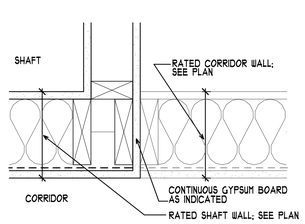
38 FIXTURE PENETRATION
SCALE: 2" = 1'-0"



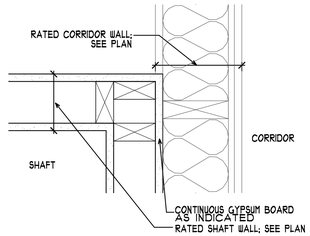
39A MEMBRANE PENETRATION DETAIL
SCALE: 2" = 1'-0" (SECTION VIEW)



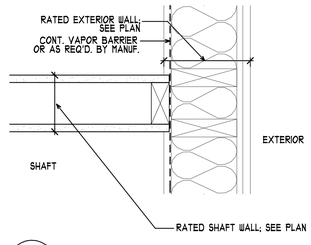
40 WALL MEMBRANE PENETRATION
SCALE: 2" = 1'-0" REF. UL DESIGN NO. U379
ALT. PROVIDE CONTINUOUS SHEETROCK IN LIEU OF THE DETAIL PER U379 AND HOLD BACK THE WALL MIN. 5/8"



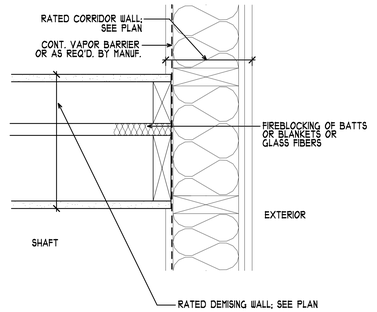
41A SHAFT WALL DETAIL
SCALE: 2" = 1'-0" SHAFT IN LINE W/ CORRIDOR



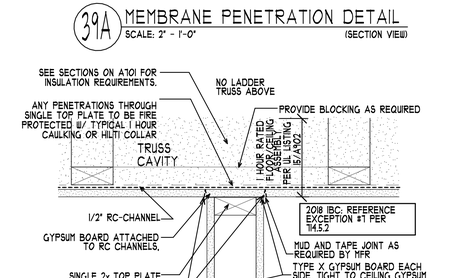
41B SHAFT WALL DETAIL
SCALE: 2" = 1'-0" SHAFT RUNNING PARALLEL TO CORRIDOR



41C SHAFT WALL DETAIL
SCALE: 2" = 1'-0" SHAFT * EXT. WALL

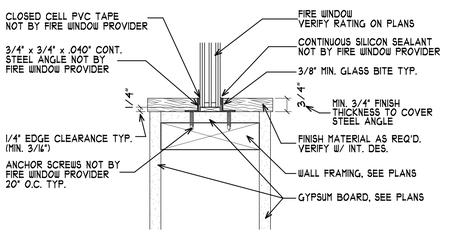


41E DEMISING WALL DETAIL
SCALE: 2" = 1'-0" DEMISING WALL * EXT. WALL

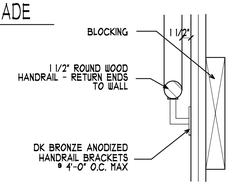


39B MEMBRANE PENETRATION DETAIL
SCALE: 2" = 1'-0" (SECTION VIEW)
CONTRACTOR ALT. FOR USE AT TUCK-UNDER GARAGE PARTITIONS

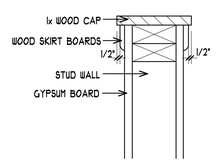
52 PATIO DR @ SLAB ON GRADE
SCALE: 2" = 1'-0"



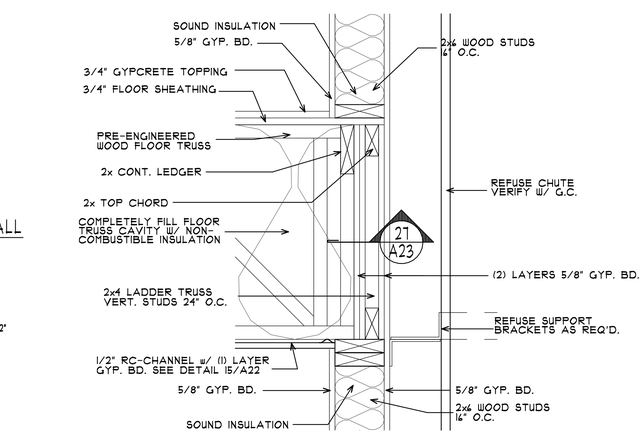
45 FIRE WINDOW FRAME DETAIL
SCALE: 3" = 1'-0"
(CONTRACTOR ALTERNATE FOR INTERIOR RATED WINDOWS)



42A HANDRAIL DETAIL @ WALL
SCALE: 1" = 1'-0"



47 WALL CAP
SCALE: 1" = 1'-0"



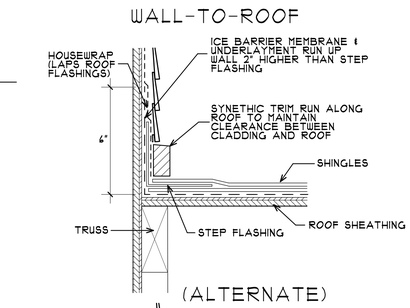
48 1 HR. REFUSE WALL DET.
SCALE: 1 1/2" = 1'-0"

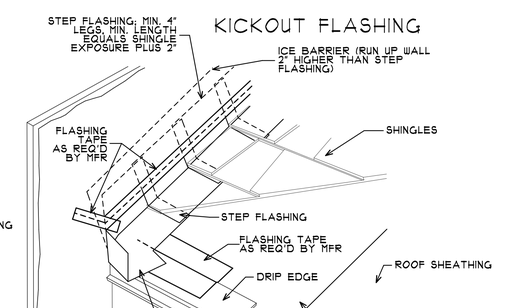
41F DOOR JAMBS @ DOUBLE SHAFT WALL
SCALE: 2" = 1'-0"

44A FASCIA @ GABLE END
SCALE: 1 1/2" = 1'-0"

41J SHAFT WALL DETAIL
SCALE: 2" = 1'-0" SHAFT * EXT. WALL

41G DOOR JAMBS @ DOUBLE SHAFT WALL
SCALE: 2" = 1'-0"





NOTES: (SEE IBC 1507.3.9)
- MIN. 0.019"/NO. 26 GALV. SHEET GAGE CORROSION-RESISTANT METAL FOR ALL METAL FLASHING
- VALLEY FLASHING SHALL EXTEND NOT LESS THAN 11" FROM THE CENTERLINE EACH WAY, & HAVE A SPLASH DIVERTER RIB NOT LESS THAN 1" AT THE FLOW LINE FORMED
- SECTIONS OF FLASHING SHALL HAVE AN END LAP OF NOT LESS THAN 4"
- FOR ROOF PITCH 4:12 OR MORE, ICE BARRIER TO EXTEND HORIZONTALLY 2'-0"
- FOR ROOF PITCH 3:12 OR LESS, ICE BARRIER TO EXTEND HORIZONTALLY 3'-0"
- METAL FLASHING UNDERLAYMENT SHALL BE SOLID CEMENTED TO THE ROOFING UNDERLAYMENT (OR SELF-ADHERING POLYMER-MODIFIED BITUMEN)
- VERIFY ALL FLASHING REQUIREMENTS WITH THE MANUFACTURER FOR INSTALLATION INSTRUCTIONS

51 WALL-TO-ROOF & KICKOUT FLASHING
SCALE: 3" = 1'-0"

TYPICAL DETAIL SHEET 3

NOTE: SEE A700s SHEETS FOR TYPICAL WALL ASSEMBLY SPECIFICATIONS

COPYRIGHT 2025 Cole Group Architects, Inc. COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless.

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

COLE GROUP ARCHITECTS, LLC.
214 Park Avenue South
Suite 101
Minneapolis, MN 55401
(320) 654-4570
www.colegrouparchitects.com

DAVID MAJCHRZAK LICENSED ARCHITECT 49001 DATE: 03/11/25 STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.

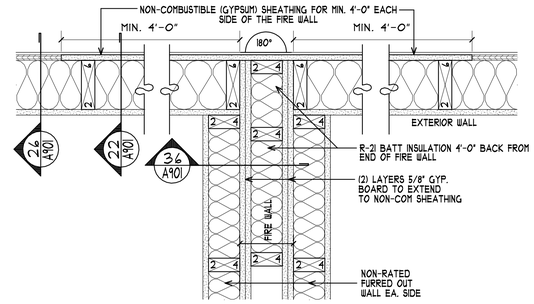
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

REVISIONS COMMENTS	DATE
REVISIONS COMMENTS	
REVISIONS COMMENTS	

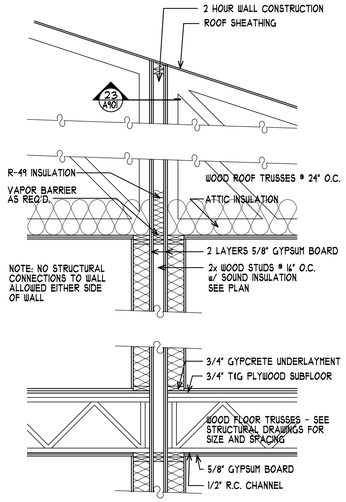
Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET

PLOTTED: 03-11-25 FILE: 24022DET COM: 5 UPDATE: 12/05/24

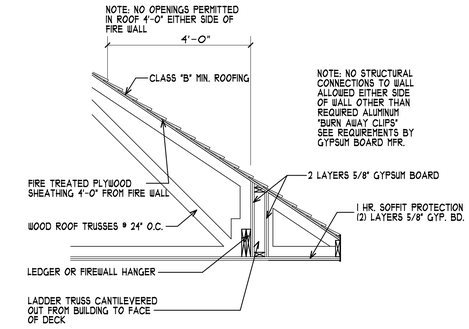
A803



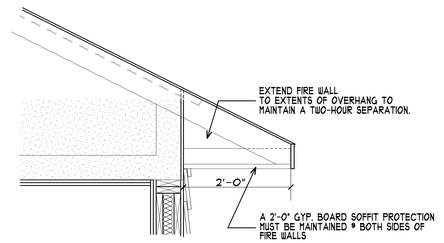
54 FIRE WALL @ EXTERIOR WALL INTERSECTION 180° (STRAIGHT)
SCALE: 1 1/2" = 1'-0"



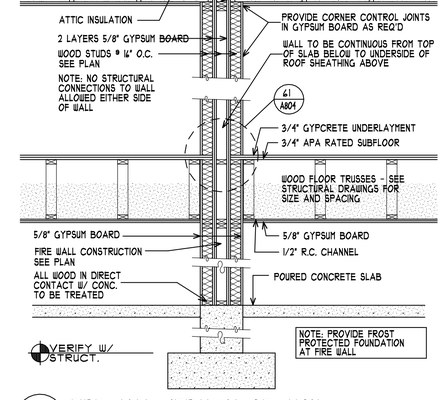
56 2 HOUR FIRE WALL SECTION
SCALE: 1/2" = 1'-0"



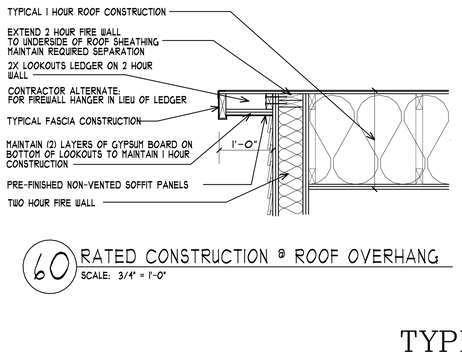
57 FIRE WALL AT EAVE FRAMING DETAIL
SCALE: 1/2" = 1'-0"



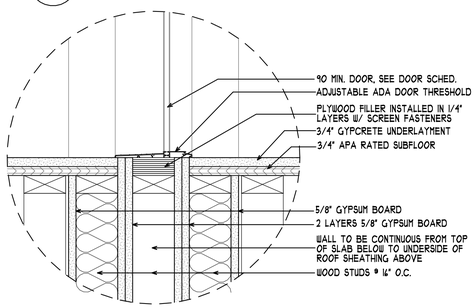
59 RATED CONSTRUCTION @ ROOF OVERHANG
SCALE: 3/4" = 1'-0"



58 FIRE WALL VERTICAL SECTION
SCALE: 1/2" = 1'-0"



60 RATED CONSTRUCTION @ ROOF OVERHANG
SCALE: 3/4" = 1'-0"



61 2 HOUR FIRE WALL THRESHOLD DETAIL
SCALE: 2" = 1'-0"

TYPICAL FIREWALL DETAILS

NOTE:
SEE A700s SHEETS FOR TYPICAL WALL ASSEMBLY SPECIFICATIONS

COLE GROUP ARCHITECTS, inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. in the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

PLOTTED: 03-11-25 FILE: 24022ET COM: 5 UPDATE: 12/05/24

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

COLE GROUP
ARCHITECTS LLC.
214 Park Avenue South
Suite 100
Minneapolis, MN 55401
(320) 654-4570
www.colegrouparchitects.com

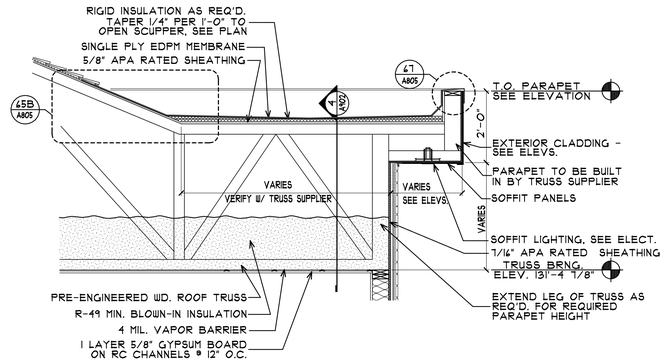
DAVID MAJCHRZAK
LICENSED ARCHITECT
56381
12/05/25
STATE OF MINNESOTA

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

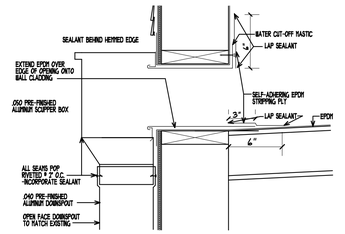
REVISIONS COMMENTS
REVISIONS COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

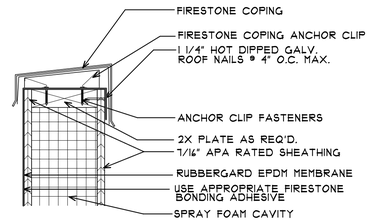
A804



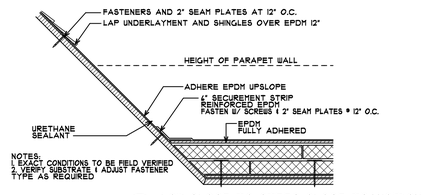
65 TYP. PARAPET SECTION
SCALE: 1/2" = 1'-0"



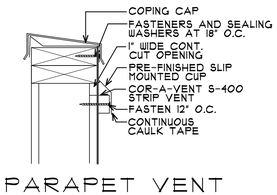
66 SCUPPER IN PARAPET
SCALE: 1 1/2" = 1'-0"



67 PARAPET DETAIL
SCALE: 2" = 1'-0"



65B LOW SLOPE TO STEEP SLOPE TRANSITION
SCALE: 2" = 1'-0"



80 PARAPET VENT
SCALE: 2" = 1'-0"
(ALTERNATE TO SPRAY FOAM CAVITY)

NOTE:
VERIFY WITH ROOFING MAUNFACTURER FOR THIER FULL LIST OF DETAILS AND REQUIREMENTS TO MAINTAIN THIER WARRANTY

TYPICAL FLAT ROOF DETAILS

NOTE:
SEE A700s SHEETS FOR TYPICAL WALL ASSEMBLY SPECIFICATIONS

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party, without first obtaining the written permission and consent of Cole Group Architects, Inc. herefrom. --- COPYRIGHT 2025 Cole Group Architects, Inc.

PLOTTED: 03-11-25 FILE: 24022DET COM: 5 UPDATE: 12/05/24

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS

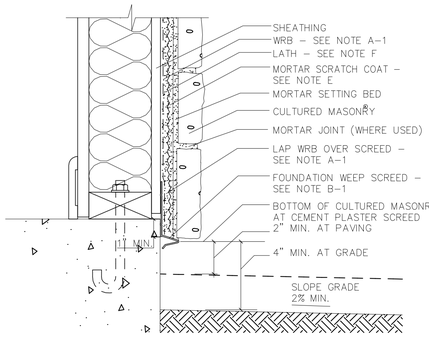
Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
-

A805

COLE GROUP
ARCHITECTS LLC.
214 Park Avenue South
Suite 101
Saint Cloud, MN. 56301
(320) 654-4570
www.colegrouparchitects.com

DAVID MAJCHRZAK
LICENSED ARCHITECT
56361
STATE OF MINNESOTA

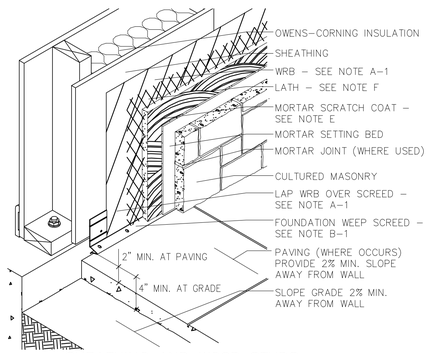
These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK



1–B / 1.1 SHEATHING AND WOOD STUDS – FOUNDATION WALL BASE

SCALE: 3"=1'–0"

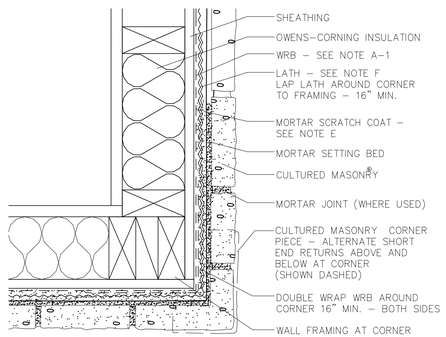
COPYRIGHT 2005 Owens Corning



1–B / 1.1A SHEATHING AND WOOD STUDS – FOUNDATION WALL BASE

SCALE: N.T.S.

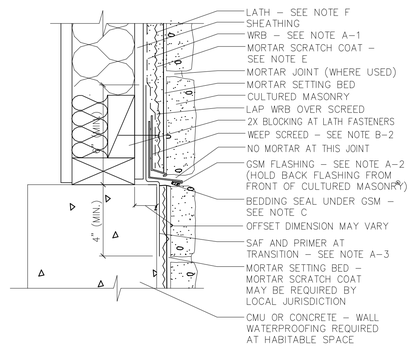
COPYRIGHT 2005 Owens Corning



1–B / 1.2 SHEATHING AND WOOD STUDS – OUTSIDE CORNER

SCALE: 3"=1'–0"

COPYRIGHT 2005 Owens Corning



1–A / 1.2A CMU OR CONCRETE WALL – WOOD FRAMING RECESSED BASE FLASHING

SCALE: 3"=1'–0"

COPYRIGHT 2005 Owens Corning

Notes for Wall Details

A-1 **WRB = Weather-Resistant Barrier** (aka water-resistant barrier). The minimum requirements must meet applicable building code regulations. Provide minimum 6-inch vertical laps and 3-inch horizontal laps (preferred) per NFPA 5000 (2-inch minimum horizontal lap per IBC & IRC). Check with local code authority to verify requirements for WRB at specific projects.

WRB over wood framing:
2018 IBC Section 2018 IRC require (1) layer No. 15 asphalt felt per ASTM D 226, Type 1.
(2) layers of Grade D building paper are required for stucco applications over wood–based sheathing in the 2020 MSBC & 2018 IBC
Generally, 2 layers of grade D, 60 minute building paper provide better performance than 1 layer.
(1) layer of building paper is permitted per International Code Council (ICC) Evaluation Report ESR-1364 for Cultured Stone® exterior wall applications. However, 2 layers over wood-based sheathing is recommended for increased WRB durability.

WRB over CMU / Concrete: Generally a WRB is not required for the mortar setting base coat over a substrate of CMU or concrete. However, if there is habitable space to the interior, then consideration for water management should be made which may include a WRB. When a WRB is used over a CMU/Concrete substrate the fasteners and integration with flashing, drips and screeds may require special detailing consideration, including the use of a mechanically attached lath.

A-2 **GSM = Galvanized Sheet Metal.** This usually refers to flashings that are fabricated with 24 gage minimum thickness. The sheet metal is coated with a G90 (preferred) or G60 (minimum) galvanizing. GSM Flashings should be mechanically fastened and soldered watertight (preferred method). Or, at a minimum, the sheet metal may be lapped 4-inches, minimum and sealed with 2 beads of a butyl or polyurethane sealant. Nail or screw fasteners for GSM flashings must be corrosion-resistant and penetrate to wall framing/blocking. The height of the vertical leg of L-type or Z-type flashings should be 3-inches minimum height. The vertical leg needs to be counter-flashed with a strip of SAF and/or the WRB.

A-3 **SAF = Self-Adhering Flashing.** This refers to peel-and-stick type membrane flashings. A 40 mil thickness is preferred, except where multiple layers lap, then a 25 mil thickness may be considered. Install shingle-fashion with SAF-to-SAF laps of 3 inches minimum. All edges and seams must be rolled flat and tight with a 1 to 2-inch wide solid hand roller. Integrate SAF with flashings and WRB lapped in shingle-fashion.

B-1 **Foundation Weep Screed.** Provide a means to weep water behind the Cultured Stone® at the bottom of framed wall with the mortar setting bed. A weep screed is a building code requirement with cement plaster over wood framed walls. Use a # 7 or # 36 type screed with a 3-1/2-inch vertical leg. Adjust the ground depth for the thickness of the scratch coat and mortar setting bed.

B-2 **Watertable Flashing.** Provide a GSM flashing over the top of watertables and wainscots when additional wall cladding occurs above, including additional courses of Cultured Stone®. The flashing should extend on to the watertable/wainscot Cultured Stone® 1/2 in. minimum. The outer edge of the flashing should have a hemmed edge for stiffness and to protect a raw sheet metal edge from rusting.

B-3 **Soffit Edge Drip.** The bottoms of vertical walls at soffit edges including recessed window heads must have an edge drip. Or, a means to prevent water from seeping back horizontally into the soffit or head recess must be provided. A drip screed can be used where a cement plaster base coat will be applied to the vertical wall and to the horizontal portion of the soffit/ wall head recess.

C **Bedding Seal under GSM flashing.** The objective of the bedding seal is to limit water and air infiltration. The 3 options are: A. A generic weatherseal tape with adhesive to keep in place, B. Polyurethane sealant ASTM C-920, Type S, grade NS, Class 25; ASTM C-719 C. Mortar filler into voids under flashing and joints between stones.

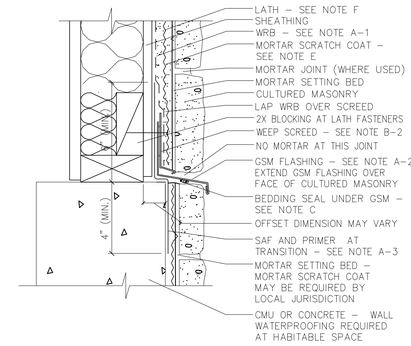
D **Support Angle.** A galvanized metal bracket or clip capable of supporting 5 pounds/linear foot of weight. The support angle can be a continuous bracket or separate clips to support each stone installed to wall framing/ stud blocking at 16–inches on center, maximum. Or, can use a 1-1/2" x 2" x 1-3/8" x 18 gage clip (equivalent to Simpson Strong Tie A-21) fastened to wall framing with (2) corrosion-resistant fasteners penetrating into wood wall framing/stud blocking 1" minimum, metal studs/blocking 5/8" minimum. Install support angle over the cement plaster scratch coat. Pre-drill holes and fill with butyl sealant to the WRB prior to fastening.

E **Scratch Coat.** Base coat of mortar consisting of cement plaster shall cover the lath and be 3/8-inch minimum thickness. See Owens-Corning Cultured Stone® material requirements.

F **Lath.** Details show a galvanized metal lath separate from the WRB. Paper-backed lath may be considered for open-framing or retrofit conditions when accepted by the local jurisdiction. See Owens-Corning Cultured Stone® material requirements.

G **Window Perimeter Sealant.** A perimeter sealant joint is recommended between the termination of the scratch (mortar base) coat and vinyl window/door frames. It may also be necessary between some wood window/door frames when there is no exterior trim covering the joint. The exposed exterior sealant needs to adhere to the plaster termination and frame. The sealant selection should be confirmed with the sealant or window/door manufacturer.

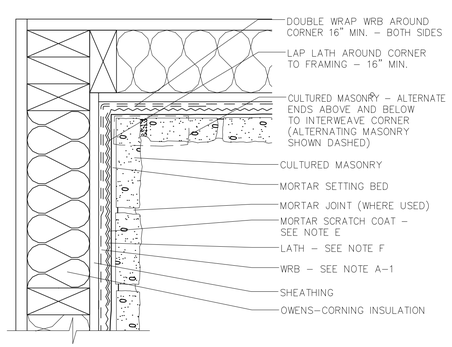
H. DRAINAGE/VENTILATION PLANE:
PROVIDE A DRAINAGE/VENTILATION PLANE BEHIND THE STONE VENEER PRODUCT, SUCH AS DELTA DRY VENTILATED RAINSCREEN FOR ABSORPTIVE CLADDINGS, OR OTHER APPROVED EQUALS BY THE MANUFACTURER. INSTALL OUTBOARD OF THE WATER-RESISTIVE BARRIER OVER SHEATHING BOARD.
(NOT REQUIRED BELOW WOOD FRAMING; SUCH AS AN UNDERGROUND GARAGE UNLESS THERE IS WOOD SHEATHING SUSCEPTIBLE TO WATER INTRUSION)



1–A / 1.2B CMU OR CONCRETE WALL – WOOD FRAMING EXTENDED BASE FLASHING

SCALE: 3"=1'–0"

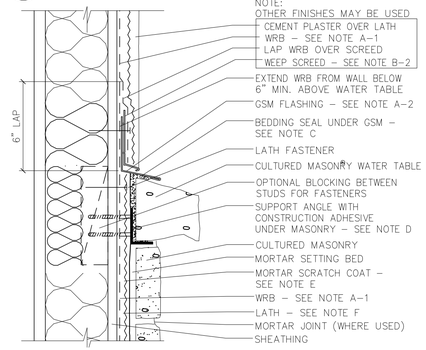
COPYRIGHT 2005 Owens Corning



1–B / 1.3 SHEATHING AND WOOD STUDS – INSIDE CORNER

SCALE: 3"=1'–0"

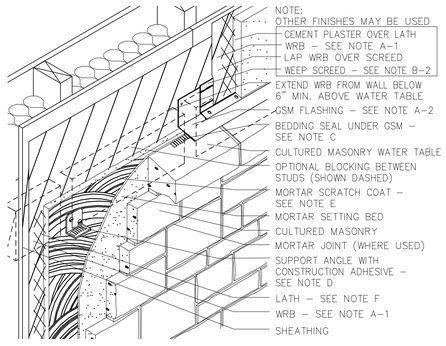
COPYRIGHT 2005 Owens Corning



1–B / 1.4 SHEATHING AND WOOD STUDS – WATER TABLE OR WAINSCOT

SCALE: 3"=1'–0"

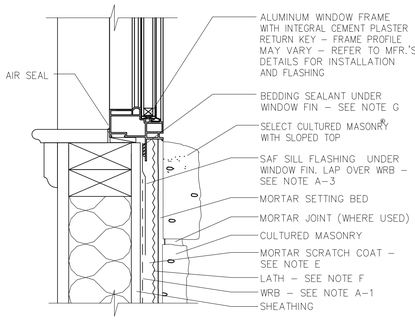
COPYRIGHT 2005 Owens Corning



1–B / 1.4A SHEATHING AND WOOD STUDS – WATER TABLE OR WAINSCOT

SCALE: N.T.S.

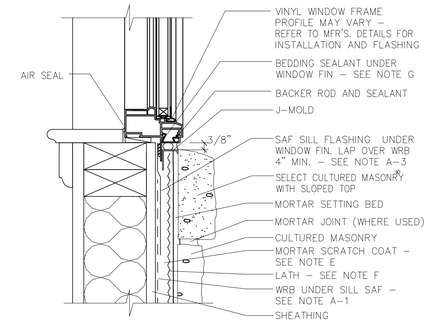
COPYRIGHT 2005 Owens Corning



1–B / 1.6A SHEATHING AND WOOD STUDS – ALUMINUM WINDOW SILL, NAIL FIN

SCALE: 3"=1'–0"

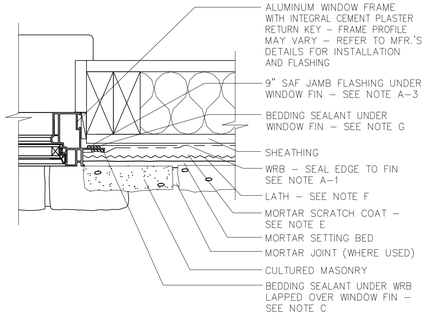
COPYRIGHT 2005 Owens Corning



1–B / 1.6B SHEATHING AND WOOD STUDS – VINYL WINDOW SILL, NAIL FIN

SCALE: 3"=1'–0"

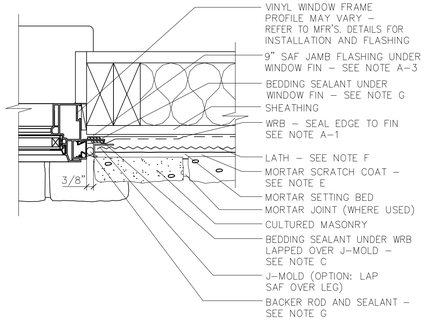
COPYRIGHT 2005 Owens Corning



1–B / 1.7A SHEATHING AND WOOD STUDS – ALUMINUM WINDOW JAMB, NAIL FIN

SCALE: 3"=1'–0"

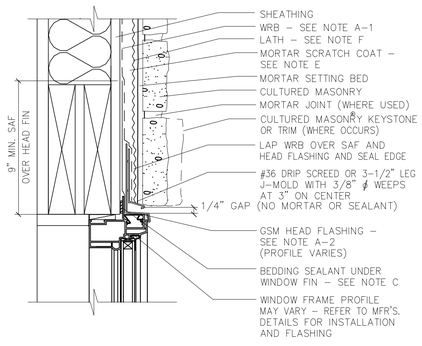
COPYRIGHT 2005 Owens Corning



1–B / 1.7B SHEATHING AND WOOD STUDS – VINYL WINDOW JAMB, NAIL FIN

SCALE: 3"=1'–0"

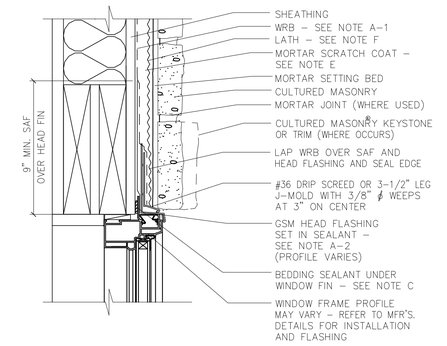
COPYRIGHT 2005 Owens Corning



1–B / 1.8 SHEATHING AND WOOD STUDS – WINDOW HEAD – TYP., NAIL–FIN

SCALE: 3"=1'–0"

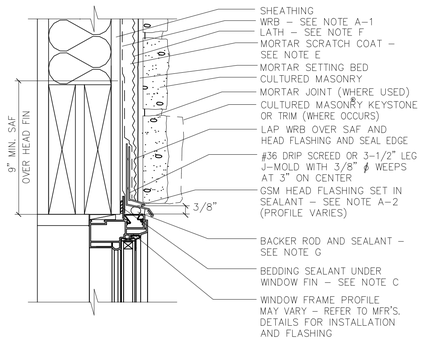
COPYRIGHT 2005 Owens Corning



1–B / 1.8A SHEATHING AND WOOD STUDS – ALUMINUM WINDOW HEAD – TYP., NAIL–FIN

SCALE: 3"=1'–0"

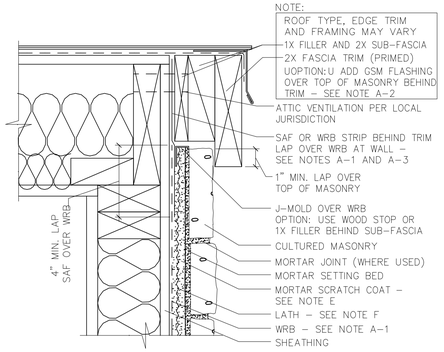
COPYRIGHT 2005 Owens Corning



1–B / 1.8B SHEATHING AND WOOD STUDS – VINYL WINDOW HEAD – TYP., NAIL–FIN

SCALE: 3"=1'–0"

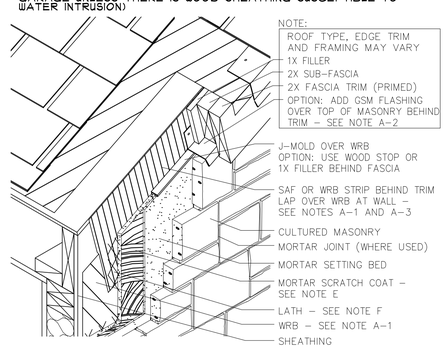
COPYRIGHT 2005 Owens Corning



1–B / 1.9A TOP OF FRAMED WALL AT ROOF – TIGHT RAKE

SCALE: 3"=1'–0"

COPYRIGHT 2005 Owens Corning



1–B / 1.9A.1 TOP OF FRAMED WALL AT ROOF – TIGHT RAKE

SCALE: N.T.S.

COPYRIGHT 2005 Owens Corning

COLE GROUP ARCHITECTS, inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. In the event of unauthorized reuse of these plans by a third party, the third party shall hold Cole Group Architects, Inc. harmless. --- COPYRIGHT 2025 Cole Group Architects, Inc.

DEVELOPER:
PARK & THIRD LLC, MN
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804–3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

COLE GROUP ARCHITECTS, LLC.
214 First Avenue South
Suite 102
Sauk Cloud, MN. 56301
(320) 251–6510
www.colegrouparchitects.com

LICENSED ARCHITECT
DAVID J. MAJCHRZAK
43081
REG.
STATE OF MINNESOTA

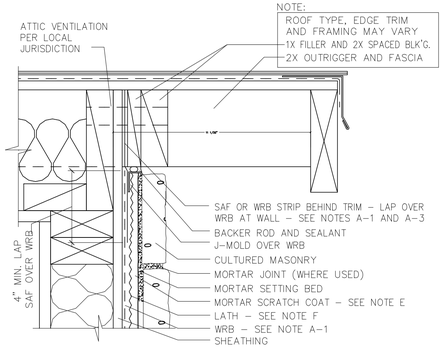
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA
Name DAVID J. MAJCHRZAK

REVISIONS COMMENTS
REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET
-

PLOTTED: 03-11-25 FILE: 24022MSD COM: 5

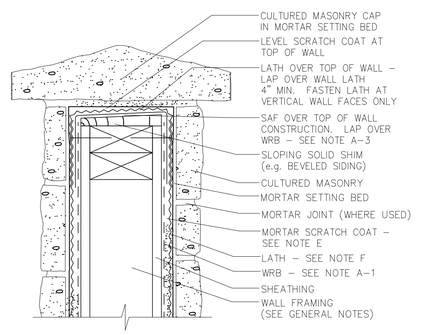
A820



1-B / 1.9B SCALE: 3"=1'-0"

TOP OF FRAMED WALL AT ROOF – EXTENDED RAKE (OPEN SOFFIT)

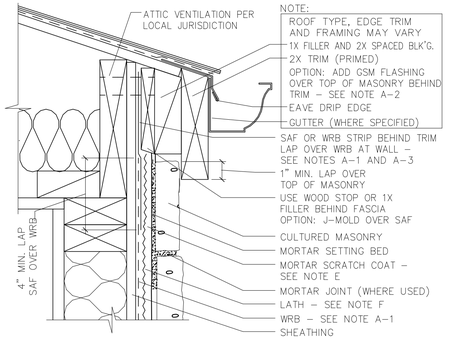
COPYRIGHT 2005 Owens Corning



1-B / 1.11 SCALE: 3"=1'-0"

SHEATHING AND WOOD STUDS – WALL CAP

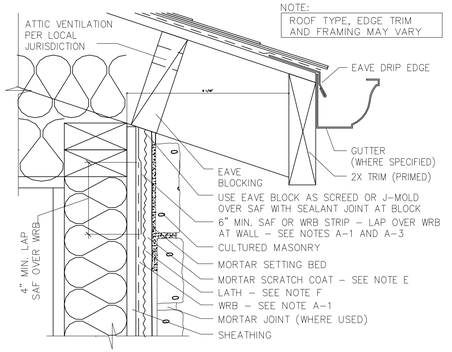
COPYRIGHT 2005 Owens Corning



1-B / 1.12A SCALE: 3"=1'-0"

TOP OF FRAMED WALL AT ROOF – TIGHT EAVE

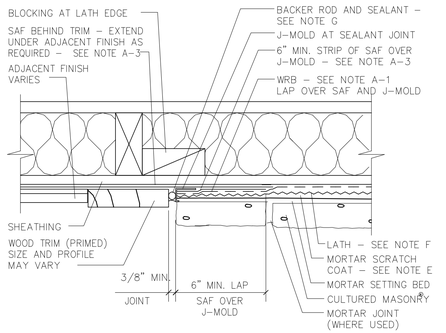
COPYRIGHT 2005 Owens Corning



1-B / 1.12B SCALE: 3"=1'-0"

TOP OF FRAMED WALL AT ROOF – EXTENDED EAVE (OPEN SOFFIT)

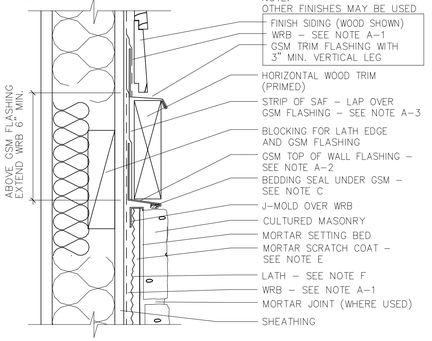
COPYRIGHT 2005 Owens Corning



1-B / 1.13 SCALE: 3"=1'-0"

SHEATHING AND WOOD STUDS – VERTICAL WOOD TRIM

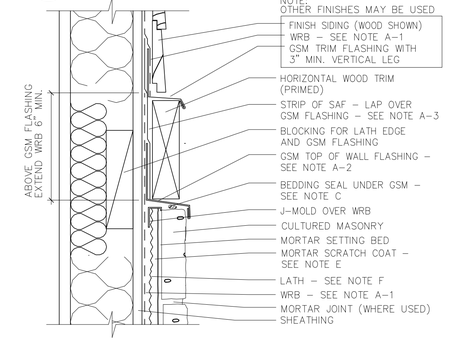
COPYRIGHT 2005 Owens Corning



1-B / 1.14A SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – HORIZ. TRIM RECESSED TOP OF WALL FLASHING

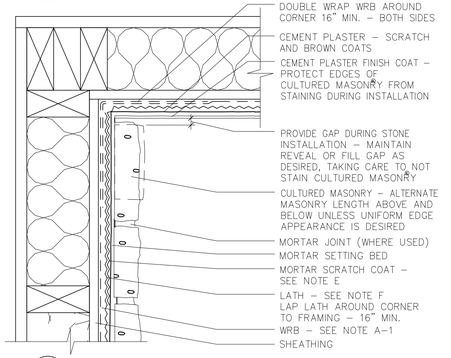
COPYRIGHT 2005 Owens Corning



1-B / 1.14B SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – HORIZ. TRIM EXTENDED TOP OF WALL FLASHING

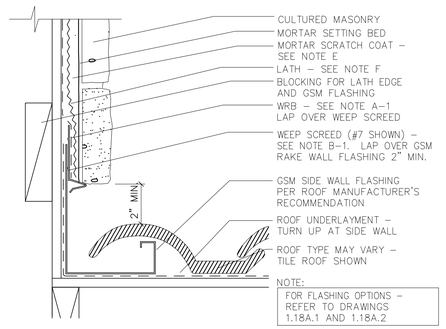
COPYRIGHT 2005 Owens Corning



1-B / 1.17 SCALE: 3"=1'-0"

INSIDE CORNER AT CEMENT PLASTER

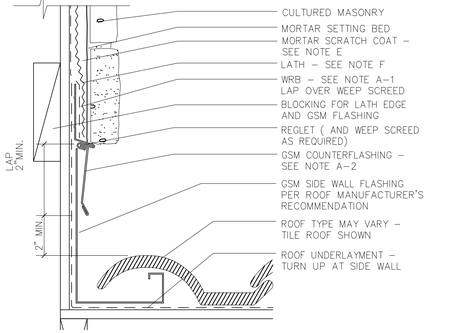
COPYRIGHT 2005 Owens Corning



1-B / 1.18A SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – SIDE WALL FLASHING AT TILE ROOF

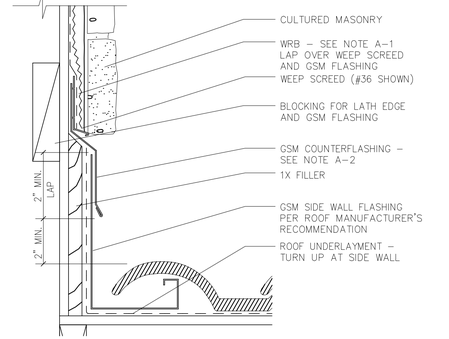
COPYRIGHT 2005 Owens Corning



1-B / 1.18A.1 SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – ALTERNATE SIDE WALL FLASHING AT TILE ROOF

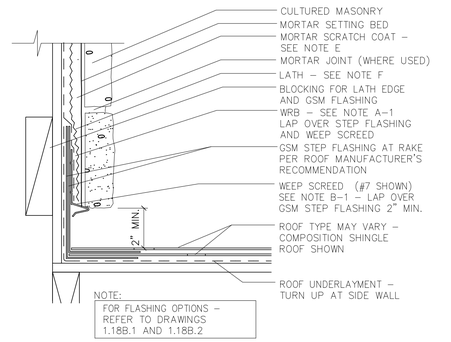
COPYRIGHT 2005 Owens Corning



1-B / 1.18A.2 SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – ALTERNATE SIDE WALL FLASHING AT TILE ROOF

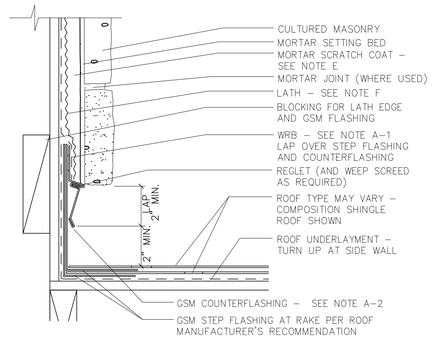
COPYRIGHT 2005 Owens Corning



1-B / 1.18B SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – SIDE WALL FLASHING AT COMPOSITION SHINGLE ROOF

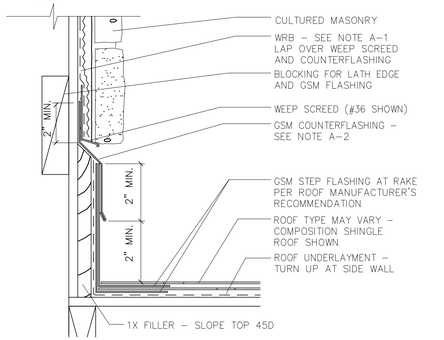
COPYRIGHT 2005 Owens Corning



1-B / 1.18B.1 SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – ALTERNATE SIDE WALL FLASHING AT COMP. SHINGLES

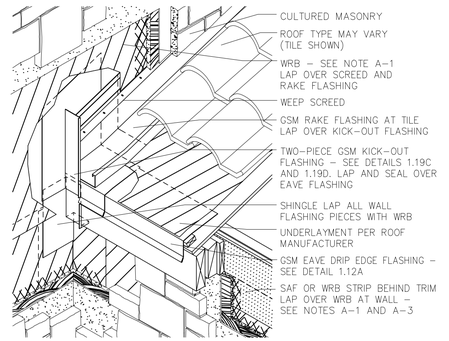
COPYRIGHT 2005 Owens Corning



1-B / 1.18B.2 SCALE: 3"=1'-0"

SHEATHING / WOOD STUDS – ALTERNATE SIDE WALL FLASHING AT COMP. SHINGLES

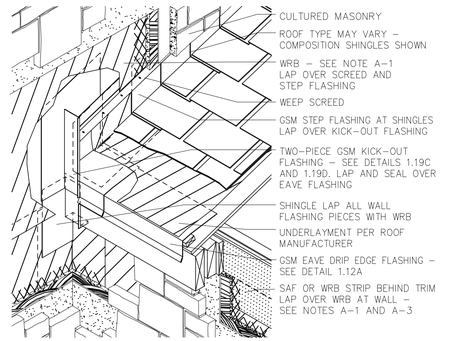
COPYRIGHT 2005 Owens Corning



1-B / 1.19A SCALE: NONE

SHEATHING / WOOD STUDS – SIDE WALL FLASHING TO EAVE AT TILE ROOF

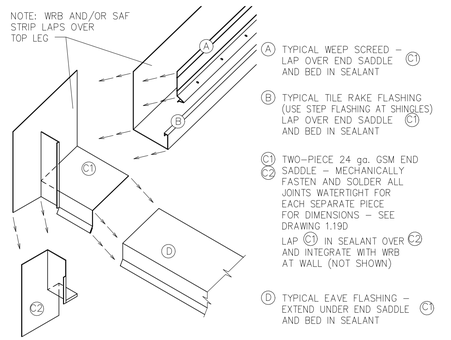
COPYRIGHT 2005 Owens Corning



1-B / 1.19B SCALE: NONE

SHEATHING / WOOD STUDS – SIDE WALL FLASHING TO EAVE AT COMP. SHINGLES

COPYRIGHT 2005 Owens Corning



A TYPICAL WEEP SCREED – LAP OVER END SADDLE C1 AND BED IN SEALANT

B TYPICAL TILE RAKE FLASHING (USE STEP FLASHING AT SHINGLES) LAP OVER END SADDLE C1 AND BED IN SEALANT

C1 C2 TWO-PIECE 24 ga. GSM END SADDLE – MECHANICALLY FASTEN AND SOLDER ALL JOINTS WATERTIGHT FOR EACH SEPARATE PIECE FOR DIMENSIONS – SEE DRAWING 1.19D
LAP C1 IN SEALANT OVER E2 AND INTEGRATE WITH WRB AT WALL (NOT SHOWN)

D TYPICAL EAVE FLASHING – EXTEND UNDER END SADDLE C1 AND BED IN SEALANT

1-B / 1.19C SCALE: NONE

SHEATHING / WOOD STUDS – SIDE WALL FLASHING AT EAVE, TYP.

COPYRIGHT 2005 Owens Corning

Notes for Wall Details

A-1 **WRB = Weather-Resistant Barrier** (aka water-resistant barrier). The minimum requirements must meet applicable building code regulations. Provide minimum 6-inch vertical laps and 3-inch horizontal laps (preferred) per NFPA 5000 (2-inch minimum horizontal lap per IBC & IRC). Check with local code authority to verify requirements for WRB at specific projects.

WRB over wood framing:
2018 IBC Section 2018 IRC require (1) layer No. 15 asphalt felt per ASTM D 226, Type 1.
(2) layers of Grade D building paper are required for stucco applications over wood–based sheathing in the 2020 MSBC & 2018 IBC
Generally, 2 layers of grade D, 60 minute building paper provide better performance than 1 layer.
(1) layer of building paper is permitted per International Code Council (ICC) Evaluation Report ESR-1364 for Cultured Stone® exterior wall applications. However, 2 layers over wood-based sheathing is recommended for increased WRB durability.

WRB over CMU / Concrete: Generally a WRB is not required for the mortar setting base coat over a substrate of CMU or concrete. However, if there is habitable space to the interior, then consideration for water management should be made which may include a WRB. When a WRB is used over a CMU/Concrete substrate the fasteners and integration with flashing, drips and screeds may require special detailing consideration, including the use of a mechanically attached lath.

A-2 **GSM = Galvanized Sheet Metal.** This usually refers to flashings that are fabricated with 24 gage minimum thickness. The sheet metal is coated with a G90 (preferred) or G60 (minimum) galvanizing. GSM Flashings should be mechanically fastened and soldered watertight (preferred method). Or, at a minimum, the sheet metal may be lapped 4-inches, minimum and sealed with 2 beads of a butyl or polyurethane sealant. Nail or screw fasteners for GSM flashings must be corrosion-resistant and penetrate to wall framing/blocking. The height of the vertical leg of L-type or Z-type flashings should be 3-inches minimum height. The vertical leg needs to be counter-flashed with a strip of SAF and/or the WRB.

A-3 **SAF = Self-Adhering Flashing.** This refers to peel-and-stick type membrane flashings. A 40 mil thickness is preferred, except where multiple layers lap, then a 25 mil thickness may be considered. Install shingle-fashion with SAF-to-SAF laps of 3 inches minimum. All edges and seams must be rolled flat and tight with a 1 to 2-inch wide solid hand roller. Integrate SAF with flashings and WRB lapped in shingle-fashion.

B-1 **Foundation Weep Screed.** Provide a means to weep water behind the Cultured Stone® at the bottom of framed wall with the mortar setting bed. A weep screed is a building code requirement with cement plaster over wood framed walls. Use a # 7 or # 36 type screed with a 3-1/2-inch vertical leg. Adjust the ground depth for the thickness of the scratch coat and mortar setting bed.

B-2 **Watertable Flashing.** Provide a GSM flashing over the top of watertables and wainscots when additional wall cladding occurs above, including additional courses of Cultured Stone®. The flashing should extend on to the watertable/wainscot Cultured Stone® 1/2 in. minimum. The outer edge of the flashing should have a hemmed edge for stiffness and to protect a raw sheet metal edge from rusting.

B-3 **Soffit Edge Drip.** The bottoms of vertical walls at soffit edges including recessed window heads must have an edge drip. Or, a means to prevent water from seeping back horizontally into the soffit or head recess must be provided. A drip screed can be used where a cement plaster base coat will be applied to the vertical wall and to the horizontal portion of the soffit/ wall head recess.

C **Bedding Seal under GSM flashing.** The objective of the bedding seal is to limit water and air infiltration. The 3 options are: A. A generic weatherseal tape with adhesive to keep in place, B. Polyurethane sealant ASTM C-920, Type S, grade NS, Class 25; ASTM C-719 C. Mortar filler into voids under flashing and joints between stones.

D **Support Angle.** A galvanized metal bracket or clip capable of supporting 5 pounds/linear foot of weight. The support angle can be a continuous bracket or separate clips to support each stone installed to wall framing/ stud blocking at 16–inches on center, maximum. Or, can use a 1-1/2" x 2" x 1-3/8" x 18 gage clip (equivalent to Simpson Strong Tie A-21) fastened to wall framing with (2) corrosion-resistant fasteners penetrating into wood wall framing/stud blocking 1" minimum, metal studs/blocking 5/8" minimum. Install support angle over the cement plaster scratch coat. Pre-drill holes and fill with butyl sealant to the WRB prior to fastening.

E **Scratch Coat.** Base coat of mortar consisting of cement plaster shall cover the lath and be 3/8-inch minimum thickness. See Owens-Corning Cultured Stone® material requirements.

F **Lath.** Details show a galvanized metal lath separate from the WRB. Paper-backed lath may be considered for open-framing or retrofit conditions when accepted by the local jurisdiction. See Owens-Corning Cultured Stone® material requirements.

G **Window Perimeter Sealant.** A perimeter sealant joint is recommended between the termination of the scratch (mortar base) coat and vinyl window/door frames. It may also be necessary between some wood window/door frames when there is no exterior trim covering the joint. The exposed exterior sealant needs to adhere to the plaster termination and frame. The sealant selection should be confirmed with the sealant or window/door manufacturer.

H. DRAINAGE/VENTILATION PLANE.
PROVIDE A DRAINAGE/VENTILATION PLANE BEHIND THE STONE VENEER PRODUCT, SUCH AS DELTA DRY VENTILATED RAINSCREEN FOR ABSORPTIVE CLADDINGS OR OTHER APPROVED EQUALS BY THE MANUFACTURER. INSTALL OUTBOARD OF THE WATER-RESISTIVE BARRIER OVER SHEATHING BOARD.
(NOT REQUIRED BELOW WOOD FRAMING; SUCH AS AN UNDERGROUND GARAGE UNLESS THERE IS WOOD SHEATHING SUSCEPTIBLE TO WATER INTRUSION)

COLE GROUP ARCHITECTS, inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. nameless. -- COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS LLC.
Mill Park Avenue South
Suite 623
Saint Cloud, MN 56301
(320) 654-6510
www.colegrouparchitects.com

These documents are not valid for building permit unless signed in ink or by digital signature. Copies are not valid.
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK
LICENSED ARCHITECT 43604 03/09/25 MINNESOTA

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST
PRINSBURG, MN 56281
PHONE: (612) 804-3327

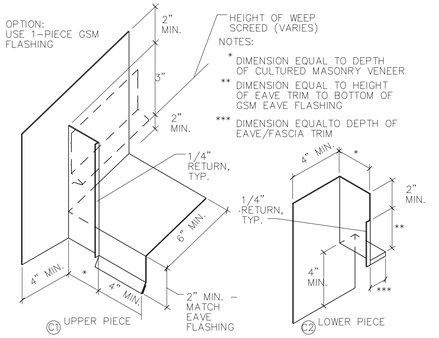
PROPOSED APARMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

REVISIONS COMMENTS
REVISIONS COMMENTS

Project No. 24022
Issue Date: March 11th, 2025
Document Set: PERMIT SET
-

A821

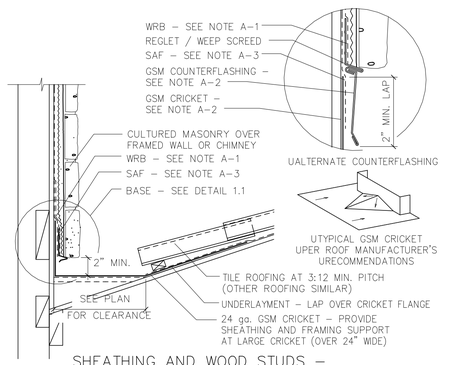
PLOTTED: 03-11-25 FILE: 24022XNSD COM: 5



1-B / 1.19D SHEATHING / WOOD STUDS – 2-PIECE KICK-OUT FLASHING AT EAVE, TYP.

SCALE: NONE

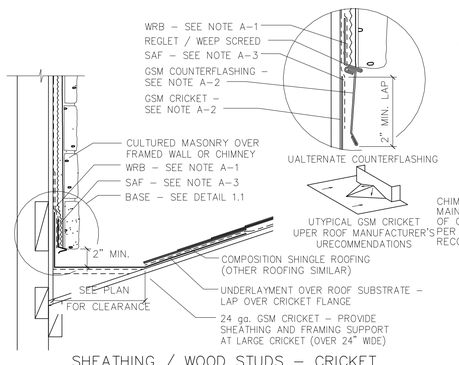
COPYRIGHT 2005 Owens Corning



1-B / 1.20A SHEATHING AND WOOD STUDS – CRICKET AT WALL WITH TILE ROOFING

SCALE: 1-1/2"=1'-0"

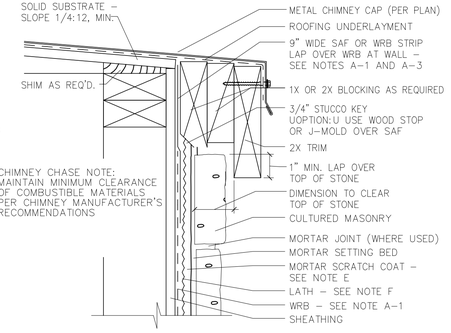
COPYRIGHT 2005 Owens Corning



1-B / 1.20B SHEATHING / WOOD STUDS – CRICKET AT WALL WITH COMPOSITION SHINGLES

SCALE: 1-1/2"=1'-0"

COPYRIGHT 2005 Owens Corning



1-B / 1.21 CHIMNEY CHASE CAP WITH WOOD TRIM

SCALE: 3"=1'-0"

COPYRIGHT 2005 Owens Corning

NOTE:

THIS SHEET IS GIVEN FOR TECHNICAL REFERENCE ONLY.

NOTE:

SEE THE FULL INSTALLATION GUIDE FOR ADDITIONAL MANUFACTURER'S PRODUCTS & ALTERNATIVE SYSTEMS FOR EACH LISTING HERE. THE ARCHITECT & OWNER NEED TO BE CONSULTED BEFORE USING A DIFFERENT SYSTEM THAN SPECIFIED HERE.

Notes for Wall Details

A-1 **WRB = Weather-Resistant Barrier** (aka water-resistant barrier).
The minimum requirements must meet applicable building code regulations. Provide minimum 6-inch vertical laps and 3-inch horizontal laps (preferred) per NFPA 5000 (2-inch minimum horizontal lap per IBC & IRC). Check with local code authority to verify requirements for WRB at specific projects.

WRB over wood framing:
2018 IBC Section 2018 IRC require (1) layer No. 15 asphalt felt per ASTM D 226, Type 1.
(2) layers of Grade D building paper are required for stucco applications over wood–based sheathing in the 2020 MSBC & 2018 IBC
Generally, 2 layers of grade D, 60 minute building paper provide better performance than 1 layer.
(1) layer of building paper is permitted per International Code Council (ICC) Evaluation Report ESR-1384 for Cultured Stone® exterior wall applications. However, 2 layers over wood-based sheathing is recommended for increased WRB durability.

WRB over CMU / Concrete: Generally a WRB is not required for the mortar setting base coat over a substrate of CMU or concrete. However, if there is habitable space to the interior, then consideration for water management should be made which may include a WRB. When a WRB is used over a CMU/Concrete substrate the fasteners and integration with flashing, drips and screeds may require special detailing consideration, including the use of a mechanically attached lath.

A-2 **GSM = Galvanized Sheet Metal.** This usually refers to flashings that are fabricated with 24 gage minimum thickness. The sheet metal is coated with a G90 (preferred) or G60 (minimum) galvanizing. GSM Flashings should be mechanically fastened and soldered watertight (preferred method). Or, at a minimum, the sheet metal may be lapped 4-inches, minimum and sealed with 2 beads of a butyl or polyurethane sealant. Nail or screw fasteners for GSM flashings must be corrosion-resistant and penetrate to wall framing/blocking. The height of the vertical leg of L-type or Z-type flashings should be 3-inches minimum height. The vertical leg needs to be counter-flashed with a strip of SAF and/or the WRB.

A-3 **SAF = Self-Adhering Flashing.** This refers to peel-and-stick type membrane flashings. A 40 mil thickness is preferred, except where multiple layers lap, then a 25 mil thickness may be considered. Install shingle-fashion with SAF-to-SAF laps of 3 inches minimum. All edges and seams must be rolled flat and tight with a 1 to 2-inch wide solid hand roller. Integrate SAF with flashings and WRB lapped in shingle-fashion.

B-1 **Foundation Weep Screed.** Provide a means to weep water behind the Cultured Stone® at the bottom of framed wall with the mortar setting bed. A weep screed is a building code requirement with cement plaster over wood framed walls. Use a # 7 or # 36 type screed with a 3-1/2-inch vertical leg. Adjust the ground depth for the thickness of the scratch coat and mortar setting bed.

B-2 **Watertable Flashing.** Provide a GSM flashing over the top of watertables and wainscots when additional wall cladding occurs above, including additional courses of Cultured Stone®. The flashing should extend on to the watertable/wainscot Cultured Stone® 1/2 in. minimum. The outer edge of the flashing should have a hemmed edge for stiffness and to protect a raw sheet metal edge from rusting.

B-3 **Soffit Edge Drip.** The bottoms of vertical walls at soffit edges including recessed window heads must have an edge drip. Or, a means to prevent water from seeping back horizontally into the soffit or head recess must be provided. A drip screed can be used where a cement plaster base coat will be applied to the vertical wall and to the horizontal portion of the soffit/ wall head recess.

C **Bedding Seal under GSM flashing.** The objective of the bedding seal is to limit water and air infiltration. The 3 options are: A. A generic weatherseal tape with adhesive to keep in place. B. Polyurethane sealant ASTM C-920, Type S, grade NS, Class 25; ASTM C-719 C. Mortar filler into voids under flashing and joints between stones.

D **Support Angle.** A galvanized metal bracket or clip capable of supporting 5 pounds/linear foot of weight. The support angle can be a continuous bracket or separate clips to support each stone installed to wall framing/ stud blocking at 16–inches on center, maximum. Or, can use a 1-1/2" x 2" x 1-3/8" x 18 gage clip (equivalent to Simpson Strong Tie A-21) fastened to wall framing with (2) corrosion-resistant fasteners penetrating into wood wall framing/stud blocking 1" minimum, metal studs/blocking 5/8" minimum. Install support angle over the cement plaster scratch coat. Pre-drill holes and fill with butyl sealant to the WRB prior to fastening.

E **Scratch Coat.** Base coat of mortar consisting of cement plaster shall cover the lath and be 3/8-inch minimum thickness. See Owens-Corning Cultured Stone® material requirements.

F **Lath.** Details show a galvanized metal lath separate from the WRB. Paper-backed lath may be considered for open-framing or retrofit conditions when accepted by the local jurisdiction. See Owens-Corning Cultured Stone® material requirements.

G **Window Perimeter Sealant.** A perimeter sealant joint is recommended between the termination of the scratch (mortar base) coat and vinyl window/door frames. It may also be necessary between some wood window/door frames when there is no exterior trim covering the joint. The exposed exterior sealant needs to adhere to the plaster termination and frame. The sealant selection should be confirmed with the sealant or window/door manufacturer.

H. DRAINAGE/VENTILATION PLANE:
PROVIDE A DRAINAGE/VENTILATION PLANE BEHIND THE STONE VENEER PRODUCT, SUCH AS DELTA DRY VENTILATED RAINSCREEN FOR ABSORPTIVE CLADDINGS, OR OTHER APPROVED EQUALS BY THE MANUFACTURER. INSTALL OUTBOARD OF THE WATER-RESISTIVE BARRIER OVER SHEATHING BOARD.
(NOT REQUIRED BELOW WOOD FRAMING; SUCH AS AN UNDERGROUND GARAGE UNLESS THERE IS WOOD SHEATHING SUSCEPTIBLE TO WATER INTRUSION)

COLE GROUP ARCHITECTS, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the written permission and consent of Cole Group Architects, Inc. hereto. -- COPYRIGHT 2025 Cole Group Architects, Inc.

COLE GROUP ARCHITECTS, LLC.
214 1st Park Avenue South
Suite 200
Saint Cloud, MN 56301
(320) 654-6510
www.colegrouparchitects.com

LICENSED ARCHITECT 60381 03/11/25 STATE OF MINNESOTA

These documents are not valid for bidding permit, unless signed in ink or by digital signature. Copies are not valid.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
Name DAVID J. MAJCHRZAK

DEVELOPER:
PARK & THIRD
ALEXANDRIA, LLC, MN
TIM LUNDGREN
408 6TH ST.
PRINSBURG, MN 56281
PHONE: (612) 804-3327

PROPOSED APARTMENT BUILDING:
PARK & 3RD LOFTS
ALEXANDRIA, MN

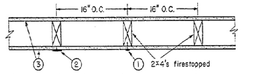
REVISIONS	COMMENTS

Project No.
24022
Issue Date:
March 11th, 2025
Document Set:
PERMIT SET
1

A822

PLOTTED: 03-11-25 FILE: 24022MSD COM: 5

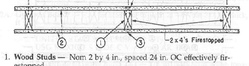
Design No. U305
Bearing Wall Rating — 1 HR.
Finish Rating — See Items 3 and 6.
STC Rating – 56 (See Item 9)



1. **Nailheads** — Exposed or covered with joint compound.
2. **Joints** — Exposed or covered with fiber tape and joint compound, except where required for specific edge configuration. For tapered, rounded-edge wallboard, joints covered with joint compound or fiber tape and joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
3. **Gypsum Board*** — 5/8 in. thick wallboard paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Wallboard nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads. When used in widths of other than 48 in., wallboard is to be installed horizontally. For an alternate method of attachment of gypsum boards, refer to Item 6, Wall and Partition Facings and Accessories*, or Item 7, Steel Framing Members*.
   When Item 7, Steel Framing Members*, is used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.
   - **AMERICAN GYPSUM CO** —Types AGX-1, AGX-2, AGX-3 (finish rating 23 min.), Type AGX-7, AGX-11 (finish rating 26 min) or Type AG-C. Type AGX-5 (finish rating 20 min), Type AGX-9 (finish rating 20 min), Type AGX-10 (finish rating 20 min), Type AGX-5 (finish rating 26 min). Type AGX-4 (finish rating 20 min), Type AGX-C.
   - **BEIJING NEW BUILDING MATERIALS CO LTD** — Type GSN-1 (finish rating 24 min).
   - **BPB AMERICA INC**
   - **BPB CELOTEX** —Type 1, Type SF3 (finish rating 20 min) or FR2.
   - **CANADIAN GYPSUM COMPANY** —Type AR (finish rating 26 min), Type C (finish rating 26 min), Type FCV (finish rating 26 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min), Type IP-X3 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SCX (finish rating 26 min), Type SHX (finish rating 26 min), Type WRC (finish rating 26 min), Type WRX (finish rating 26 min), Type WRX (finish rating 23 min), Type WRX (finish rating 29 min), Type IP-AR (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type IP-X3 (finish rating 26 min), Type FCV (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SHD (finish rating 26 min), Type FRX (finish rating 20 min), Type FRX-G (finish rating 29 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min).
   - **CONTINENTAL GYPSUM COMPANY** —Type CG-1 (finish rating 20 min), Type CG-2 (finish rating 20 min), Type CG-3 (finish rating 20 min), Type CG3-5 (finish rating 20 min), Type CG-5 (finish rating 26 min), Type CG5-5 (finish rating 26 min), Type CG6-6 (finish rating 26 min), Types CG-3W, CG-5W (finish rating 20 min), Types CG-5WS, CG-5WS (finish rating 20 min), Type CG-6 (finish rating 23 min), Type CG6-6 (finish rating 26 min), Type CG-C, Type CGT6-6 finish rating 23 min), Type CG-P9 (finish rating 26 min), Type CGT6-6 (finish rating 23 min), Type CGTC-C (finish rating 20 min).
   - **G-P GYPSUM CORP, SUB OF**
   - **GEORGIA-PACIFIC CORP** —Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), Type DGG (finish rating 20 min), Type GPT51 (finish rating 20 min), Type GPT52 (finish rating 20 min). Type GPT55 (finish rating 26 min), Type DS.
   - **JAMES HARDIE GYPSUM INC** —Type Fire X (finish rating 26 min), Type Max™C.
   - **LAFARGE NORTH AMERICA INC** —Type LGFC2 (finish rating 20 min), Type LGFC3 (finish rating 20 min), Type LGFC6 (finish rating 26 min), Type LGFC-C (finish rating 20 min), Type LGFC6A (finish rating 34 min), Type LGFC2A, Type LGFC-C/A.
   - **NATIONAL GYPSUM CO** —Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min).
   - **NORGIPS A/S** —NORFIRE X (finish rating 26 min), NORFIRE XA (finish rating 24 min).
   - **PABCO GYPSUM, DIV OF**
   - **PACIFIC COAST BUILDING PRODUCTS INC** —Types C, PG-2 (finish rating 20 min), FG-3 (finish rating 23 min), Types PG-3W, PG-3W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-3WS, PG-5WS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min) or Type PG-C.
   - **SIAM GYPSUM INDUSTRY CO LTD** —Type EX-1 (finish rating 26 min)
   - **STANDARD GYPSUM L L C** —Type SGC(finish rating 20 min.) Type SG-C or SGC-C(finish rating 20 min).
   - **TEMPLE-INLAND FOREST PRODUCTS CORP** —Types T (finish rating 20 min), VPB-Type T (finish rating 20 min), WR-Type T (finish rating 20 min), Type T SHTG (finish rating 20 min), FRX-6, VPBX-6, FRWRX-6, TG-C or FRX-6 Exterior Gypsum Sheathing.
   - **UNITED STATES GYPSUM CO** —Type AR (finish rating 26 min), Type SCX (finish rating 26 min), Type C (finish rating 26 min), Type WRX (finish rating 26 min), Type WRC (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type FCV (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SHX (finish rating 26 min), Type FRX (finish rating 29 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min).
   - **WESTROC INC** —Type Fi-Rok.
   - **USG MEXICO S A DE C V** —Type AR (finish rating 26 min), Type C (finish rating 26 min), Type WRX (finish rating 26 min), Type WDC (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type FCV (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SHX (finish rating 26 min), SCX (finish rating 26 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min).

   UL DISCLAIMER
   *AUTHORITIES HAVING JURISDICTION SHOULD BE CONSULTED IN ALL CASES AS TO THE PARTICULAR REQUIREMENTS COVERING THE INSTALLATION AND USE OF U.L. CERTIFIED PRODUCTS, EQUIPMENT, SYSTEM, DEVICES, AND MATERIALS.
   *AUTHORITIES HAVING JURISDICTION SHOULD BE CONSULTED BEFORE CONSTRUCTION.
   *FIRE RESISTANCE ASSEMBLIES AND PRODUCTS ARE DEVELOPED BY THE DESIGN SUBMITTER AND HAVE BEEN INVESTIGATED BY UL COMPLIANCE WITH APPLICABLE REQUIREMENTS. THE PUBLISHED INFORMATION CANNOT ALWAYS ADDRESS EVERY CONSTRUCTION CHARACTERISTICS ENCOUNTERED IN THE FIELD.
   *WHEN FIELD ISSUES ARISE, IT IS RECOMMENDED THE FIRST CONTACT FOR ASSISTANCE BY THE TECHNICAL SERVICE STAFF PROVIDED BY THE PRODUCT MANUFACTURER NOTED FOR THE DESIGN. USERS OF FIRE RESISTANCE ASSEMBLIES ARE ADVISED TO CONSULT THE GENERAL GUIDE INFORMATION FOR EACH PRODUCT CATEGORY AND EACH GROUP OF ASSEMBLIES. THE GUIDE INFORMATION INCLUDES SPECIFICS CONCERNING ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION.
   *ONLY PRODUCTS BEHIGH BEAR U.S MARK ARE CONSIDERED CERTIFIED.

Design No. U309
Bearing Wall Rating — 1 HR.
Finish Rating — 40 Min.

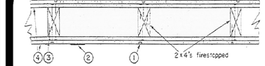


1. **Wood Studs** — Nom 2 by 4 in., spaced 24 in. OC effectively firestopped.
2. **Gypsum Board*** — 5/8 in. thick, 4 ft wide, applied either horizontally or vertically, nailed to studs and bearing plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC.
   When Steel Framing Members* (Item 5) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.
   - **AMERICAN GYPSUM CO** —Types AGX-1, AG-C.
   - **BEIJING NEW BUILDING MATERIALS CO LTD** — Type DSG-1
   - **BPB AMERICA INC** — Types EGRG or ProRoc Type C.
   - **BPB CANADA INC** — ProRoc Type C.
   - **G-P GYPSUM CORP, SUB OF**
   - **GEORGIA-PACIFIC CORP** —Types 5, 9, C, DAP, DD, DA, DGG, DS, GPR56.
   - **LAFARGE NORTH AMERICA INC** —Types LGFC6, LGFC-C, LGFC8A, LGFC2, LGFC2A, LGFC-C/A.
   - **NATIONAL GYPSUM CO** —Types FSK-C, FSW, FSW-3, FSW-5, FSW-C, FSWG.
   - **PABCO GYPSUM, DIV OF**
   - **PACIFIC COAST BUILDING PRODUCTS INC** —Type C, PG-9
   - **SIAM GYPSUM INDUSTRY CO LTD** —Type EX-1.
   - **STANDARD GYPSUM L L C** —Type SG-C, SGC or SGC-G.
   - **—TEMPLE-INLAND FOREST PRODUCTS CORP** —Type TG-C.
3. **Joints and Nailheads** — Wallboard joints covered with paper tape and joint compound. Nailheads covered with joint compound. Gypsum plaster not more than 1/8 in. thick may be applied over the wallboard in addition to the specified joint treatment.
4. **Batts and Blankets*** — (Not Shown) — Optional glass fiber insulation.
   - **CERTAINTEED CORP**
   - **JOHNS MANVILLE INTERNATIONAL INC**
   - **OWENS-CORNING FIBERGLAS CORP**
4A. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft³.
   U S GREENFIBER L L C — Cocoon stabilized cellulose insulation.
4B. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 4) and Item 4A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity Minimum dry density of 4.5 pounds per cubic ft.
   NU-WOOL CO INC — Cellulose Insulation
5. **Steel Framing Members (Optional, Not Shown)*** — Furring channels and Steel Framing Members as described below:
   a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 6. Wallboard attached to furring channels as described in Item 3.
   b. **Steel Framing Members*** — used to attach furring channels (Item 7a) to studs . Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.
      PAC INTERNATIONAL — Type RSIC-1.
6. **Caulking and Sealants** — (not shown, optional) A bead of acoustical sealant applied around the partition perimeter for sound control.
7. **STC Rating** — The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 7, except:
   A. Item 1, above - Nailheads shall be covered with joint compound.
   B. Item 2, above - Joints As described, shall be covered with fiber tape and joint compound.
   C. Item 5, above - Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.
   D. Item 7, above - Steel Framing Members* Shall be used to attach wallboard to studs on either the acoustical source or receiving side of the wall assembly.
   E. Item 8, above - Caulking and Sealants (not shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control.
   F. Steel Corner Fasteners (Item 4), Fiber,Sprayed (Item 5A). Wall and Partition Facings and Accessories (Item 6) Not evaluated as alternatives for obtaining STC rating.

*Bearing the UL Classification Mark

22 1 HR EXTERIOR WALL

Design No. U301
Bearing Wall Rating — 1 HR.
Finish Rating — 40 Min.

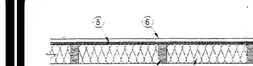


1. **Nailheads** — Exposed or covered with joint finisher.
2. **Joints** — Exposed or covered with fiber tape and joint finisher. As an alternate, nominal 1/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
3. **Nails** — 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam, 1/4 in. diam heads, and 8d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 9/32 in. diam heads.
4. **Gypsum Board*** — 5/8 in. thick, two layers applied either horizontally or vertically, nailed to studs and bearing plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8 in. OC. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each face layer offset with joints of base layer on opposite side.
   When used in widths other than 48 in., gypsum board to be installed horizontally.
   When Steel Framing Members* (Item 6) are used, base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced max 24 in. OC; face layer attached with 1-5/8 in. long Type S bugle-head steel screws spaced max 12 in. OC.
   - **AMERICAN GYPSUM CO** —Types AGX-1, AG-C, AGX-H.
   - **BEIJING NEW BUILDING MATERIALS CO LTD** —Type DSG-1
   - **BPB AMERICA INC** —Types 1. FRPC, EGRG, FroRoc Type C or ProRoc Type 1.
   - **BPB CANADA INC** — ProRoc Type C. ProRoc Type X, ProRoc Type Abuse-Resistant.
   - **CANADIAN GYPSUM COMPANY** —Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX .
   - **G-P GYPSUM CORP, SUB OF**
   - **GEORGIA-PACIFIC CORP** —Types 5, 9, C, DAP, DD, DA, DGG, DS, GPR56.
   - **LAFARGE NORTH AMERICA INC** —Types LGFC2, LGFC2, LGFC2A, LGFC6, LGFC6A, LGFC-C/A
   - **NATIONAL GYPSUM CO** —Types FSK, FSK-C, FSK-G, FSW, FSW-3, FSW-5, FSW-C, FSW-G.
   - **PABCO GYPSUM, DIV OF**
   - **PACIFIC COAST BUILDING PRODUCTS INC** —Type C, PG-2, PG-3, PG-3W, PG-4, PG-5, PG-5W, PG-5WS, PG-9 or PG-C.
   - **PANEL REY S A** — Type PRX.
   - **HEARTLAND BUILDING PRODUCTS INC** —Type TG-C.
   - **SIAM GYPSUM INDUSTRY CO LTD** —Type EX-1
   - **STANDARD GYPSUM L L C** —Types SGC, SG-C or SGC-G.
   - **HEARTLAND BUILDING PRODUCTS INC** — Type TG-C.
   - **UNITED STATES GYPSUM CO** —Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.
   - **USG MEXICO S A DE C V** —Types AR, C, IP-AR, IPX1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.
4A. **Gypsum Board*** — (As an alternate to Item 4) — Nom 3/4 in. thick, installed as described in Item 4.
   - **CANADIAN GYPSUM COMPANY** —Types AR, IP-AR.
   - **UNITED STATES GYPSUM CO** —Types AR, IP-AR.
   - **USG MEXICO S A DE C V** —Types AR, IP-AR.
4B. **Gypsum Board*** — (As an alternate to Items 4 and 4A)—5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to the outer layer to one side of the assembly. Secured as described in Item 4. Joint covering (Item 2) not required.
   - **CANADIAN GYPSUM COMPANY** — Type SHX
   - **UNITED STATES GYPSUM CO** —Type SHX
   - **— USG MEXICO S A DE C V** — Type SHX
5. **Molded Plastic*** — Not shown, Optional — Solid vinyl siding mechanically secured over the outer layer to framing members in accordance with manufacturer's recommended installation details.
   ALSIDE, DIV OF
   ASSOCIATED MATERIALS INC
   GENTEK BUILDING PRODUCTS LTD
   HEARTLAND BUILDING PRODUCTS INC
   VYTEC CORP
   NEBRASKA PLASTICS INC
6. **Steel Framing Members** — (Optional, Not Shown)* - Furring channels and resilient sound isolation clip as described below:
   A. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 2.
   B. **Steel Framing Members*** — used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.
      PAC INTERNATIONAL — Type RSIC-1.

*Bearing the UL Classification Mark

23 2 HR. WALL ASSEMBLY

Design No. U356
(Exposed to Fire on Interior Face Only)
Bearing Wall Rating — 1 Hr
Finish Rating — 23 Min

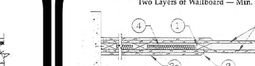


HORIZONTAL SECTION

1. **Wood Studs** — Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally-braced by wood structural panel sheathing (Item 5) and effectively fire stopped at top and bottom of wall.
2. **Gypsum Board*** — Any Classified 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plates 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head.
   See **Gypsum Board** (CKNX) Category for names of Classified Companies.
3. **Joints and Nailheads** — (Not Shown) — Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.
4. **Batts and Blankets*** — Mineral fiber or glass fiber insulation, 3-1/2 in. thick, pressure fit to fill wall cavities between studs and plates. Mineral fiber insulation to be unfaced and to have a min density of 3 pcf. Glass fiber insulation to be faced with aluminum foil or kraft paper and to have a min density of 0.9 pcf (min R-13 thermal insulation rating).
   See **Batts and Blankets** (BKNY) Category in the Building Materials Directory and Batts and Blankets (BZTZ) Category in the Fire Resistance Directory for names of Classified Companies.
4A. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft³.
   U S GREENFIBER L L C —Cocoon stabilized cellulose insulation.
5. **Wood Structural Panel Sheathing** — Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing" . Installed with long dimension parallel to studs or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 6 in. wood blocking. Attached to studs on exterior side of wall with 6d cement coated box nails spaced 6 in. OC at perimeter of panels and 12 in. OC along intermediate studs.
6. **Exterior Facings** — Installed in accordance with the manufacturer's installation instructions. One of the following exterior facings is to be applied over the sheathing.
   A. **Vinyl Siding — Molded Plastic*** - Contoured rigid vinyl siding having a flame spread value of 20 or less.
      See Molded Plastic (BTAT) category in the Building Materials Directory for names of manufacturers.
   B. **Particle Board Siding** — Hardboard exterior sidings including patterned panel or lap siding.
   C. **Wood Structural Panel or Lap Siding** — APA Rated Siding, Exterior, plywood, OSB or composite panels with veneer faces and structural wood core, per PS 1 or APA Standard PRP-108, including textured, rough sawn, medium density overlay, brushed, grooved and lap siding.
   D. **Cementitious Stucco** — Portland cement or synthetic stucco systems with self-furring metal lath or adhesive base coat. Thickness from 3/8 in. to 3/4 in., depending on system.
   E. **Brick Veneer** — Any type cn nom 4 in. wide brick veneer.
      When brick veneer is used, the rating is applicable for exposure on either face. Brick veneer fastened with corrugated metal wall ties attached over sheathing to wood studs with 8d nail per tie; ties spaced not more than each sixth course of brick and 32 in. OC horizontally; One in. air space provided between brick veneer and sheathing.
   F. **Exterior Insulation and Finish System (EIFS)**— Nom 1 in. Foamed Plastic* insulation bearing the UL Classification Marking, attached over sheathing and finished with coating system, or Portland cement or synthetic stucco systems, in accordance with manufacturer's instructions. See **Foamed Plastic** (BRXK and CCVW) categories for names of Classified companies.
   G. **Siding** — Aluminum or steel siding attached over sheathing to studs.

26 1 HR. WALL ASSEMBLY

Design No. U338
Nonbearing or Bearing Rating — 1 Hr.
(See Items 2 and 2A)
Finish Rating — One Layer of Wallboard — Min. 20 Min.
Two Layers of Wallboard — Min. 59 Min



HORIZONTAL SECTION

1. **Wood Studs** — Nom 2 by 3 or 2 by 4 in., flat wise, spaced 24 in. O.C. max, effectively firestopped.
2. **Gypsum Board*** — For Nonbearing Wall Rating — One layer of 5/8 in. thick, 4 ft wide wallboard each side of studs. Wallboard or lath applied horizontally or vertically with vertical joints centered on studs, and nailed to studs and bearing plates 7 in. OC. With 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam head. As an alternate, No. 5 bugle head screws, 1-7/8 in. long, may be substituted for the 6d cement coated nails.
   See Gypsum Board* (CKNX) category for names of Classified companies.
2A. **Gypsum Board*** — Same as Item 2. For Bearing Wall rating — Additional layer of 5/8 in. thick, 4 ft wide wallboard each side of studs. Attached to studs over inner layer in O.C. max, with 8d cement coated nails, 2-3/8 in. long, 0.113 in. shank diam and 9/32 in. diam head.
3. **Joints and Nail Heads** — Wallboard joints of outer layer covered with tape and joint compound. Nail heads of outer layer covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard.
4. **Batts and Blankets*** — (Optional) — Max 1 in. thickness glass or mineral fiber batt insulation.
   See Batts and Blankets* (BZIZ) category for names of Classified companies.
4A. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft³.
   U S GREENFIBER L L C —Cocoon stabilized cellulose insulation.

*Bearing the UL Classification Mark

27 1 HR. WALL ASSEMBLY

GA FILE NO. WP 3243 — GENERIC — 1 HOUR FIRE — 50 to 54 STC SOUND

GYPSUM WALLBOARD, RESILIENT CHANNELS, MINERAL OR GLASS FIBER INSULATION, WOOD STUDS

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 24" o.c. with 1¼" Type S drywall screws. One layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S drywall screws 8" o.c. with vertical joints located midway between studs. 3" mineral or glass fiber insulation in stud space.

OPPOSITE SIDE: One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to studs with 6d cement coated nails, 1⅞" long, 0.0915" shank, ¼" heads, 7" o.c.

Vertical joints staggered 24" on opposite sides. (LOAD-BEARING)

Thickness: 5⅝"
Approx. Weight: 7 psf
Fire Test: Based on UL R14195, GSN05371, 2-15-05.
UL Design U309
Sound Test: NRCC TL-93-103, IRC/R-761, 3/98

38 1 HR. WALL ASSEMBLY

GA FILE NO. WP 3242 — GENERIC — 1 HOUR FIRE — 50 to 54 STC SOUND

GYPSUM WALLBOARD, RESILIENT CHANNELS, MINERAL OR GLASS FIBER INSULATION, WOOD STUDS

Resilient channels 16" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 24" o.c. with 1¼" Type S drywall screws. One layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S drywall screws 8" o.c. with vertical joints located midway between studs. 3" mineral or glass fiber insulation in stud space.

OPPOSITE SIDE: One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to studs with 6d cement coated nails, 1⅞" long, 0.0915" shank, ¼" heads, 7" o.c.

Vertical joints staggered 24" on opposite sides. (LOAD-BEARING)

Thickness: 5⅝"
Approx. Weight: 7 psf
Fire Test: Based on UL R14196, GSN05371, 2-15-05.
UL Design U309
NRCC TL-93-103, IRC/R-761, 3/98

39 1 HR. WALL ASSEMBLY

COLUMNS, NONCOMBUSTIBLE

GA FILE NO. CM 1450 — GENERIC — 1 HOUR FIRE

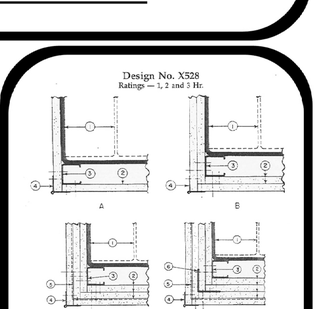
GYPSUM WALLBOARD, STEEL COLUMN COVER

Base layer ½" type X gypsum wallboard applied around TS4x4x0.188 tube steel column and held in place with paper masking tape. **Second** layer ½" type X gypsum wallboard applied *around column* and held in place with paper masking tape. **Face** layer either No. 24 MSG galvanized steel column covers consisting of two L-shaped sections with snap-lock sheet steel joints or No. 22 MSG galvanized steel column covers consisting of two L-shaped sections with tap joints fastened with No.8x½" sheet metal screws 12" o.c.

Fire Test: UL NC505-(1-6), 71NK2839, 12-23-75; UL NC505, 77NK1518; UL Design X526

41 1 HR. COLUMN ASSEMBLY

Design No. X528
Ratings — 1, 2 and 3 Hr.



CORNER DETAILS OF WALLBOARD SUPPORT SYSTEMS WITHOUT STEEL COVERS

1. **Steel Column** — Min sizes of W-shaped and tubular steel columns which appear in the AISC Steel Construction Manual as shown under Item 2.
2. **Gypsum Board*** — For 1 Hr rating, any 5/8 in. or 1/2 in. thick gypsum wallboard Classified for use in fire resistance assemblies. For 2 Hr and 3 Hr ratings, any 5/8 in. or 1/2 in. thick gypsum wallboard Classified for use in either 2 Hr, 3 Hr or 4 Hr Column Designs. Min total thickness of layers in inches for the various ratings and min column sizes are as follows:

W Shaped Column Min Column Size	Rating (Hr)			Corner Details For Various Rating		
	1	2	3	1 Hr	2 Hr	3 Hr
	Total thickness (In.)					
W4x13	1	1-1/2	2-1/4	B	C	D
W6x15.5	1	1-1/2	2-1/4	B	C	D
W10x49	1	1-1/2	3-7/8	A	B	C
Tube Shaped columns						
TS 4 by 4 hv0.188	1	1-5/8	2-1/2	B	C	D
TS 8 by 8 hv 0.250	5/8	1-5/8	2-1/2	A	C	D

Applied in layers as noted in the above illustrations. Boards are to be applied vertically without horizontal joints.
See **Gypsum Board** (CKNX) category for names of manufacturers.

2A. **Gypsum Board*** — As an alternate to Item 2- 3/4 in. thick gypsum wallboard. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints.
   CANADIAN GYPSUM COMPANY —Type IP-X3, ULTRACODE. ULTRACODE SHC or ULTRACODE WRC.
   UNITED STATES GYPSUM CO —Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.
   USG MEXICO S A DE C V —Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.
3. **Steel Stud** — .-5/5 in. wide with 1-5/16 and :-7/16 in. legs having a 1/4 in. folded flange, fabricated from No. 25 MSG galv steel. Length to be 1/2 in. less than the assembly height.
3A. **As an alternate to Item 3 Steel Framing Members*** — galv. steel clips spaced 4 ft OC and 1-1/4 in. from top and bottom of column. A No. 25 MSG galv steel support angle with 1-¼ / 4 in. length shall be placed over clips and secured with screws attaching the wallboard. The angle cut 1 in. less than assembly height spkoes in angle to occur over clips. The clips for use with wide flange columns only.
   COLUMN & BEAM INC — Types CB, CBIClips.
4. **Corner Beads** — No. 28 MSG galv steel, 1-1/4 in. legs to be attached to the wallboard with No. 6 by 1 in. screws spaced 12 in. OC max.
5. **Tie Wire** — No. 18 SWG steel wire spaced 24 in. OC used with second layer of wallboard.
6. **Screws** — For attaching first layer of wallboard to steel studs, and third layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) to be No. 6 by 1 in. (or 1-1/4 in. for 3/4 in. thick wallboard) Phillips head self-drilling, self-tapping double lead screws spaced 24 in. OC For attaching second layer of wallboard to steel studs and fourth layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) to be No. 6 by 1-3/4 in. (or 2-1/4 in. for 3/4 in. thick wallboard) steel screws of the same type spaced 12 in. OC For attaching third layer of wallboard to steel studs to be No. 8 by 2-1/4 in. screws of the same type spaced 12 in. OC
7. **Finishing System** — (Not Shown) — Joint compound applied over corner beads to a thickness of 1/16 in.

*Bearing the UL Classification Mark

40 1 HR. COLUMN ASSEMBLY
ALTERNATE

GA FILE NO. WP 4135 — GENERIC — 2 HOUR FIRE — 40 to 44 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

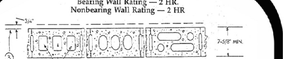
Base layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side of 2 x 4 wood studs 24" o.c. with 6d coated nails, 1⅞" long, 0.085" shank, ¼" heads. 24" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side with 8d coated nails, 2⅜" long, 0.100" shank, ¼" heads, 8" o.c.

Joints staggered 24" each layer and side. Sound tested with studs 16" o.c. and with nails for **base** layer spaced 6" o.c. **(LOAD-BEARING)**

Thickness: 6⅛"
Approx. Weight: 12 psf
Fire Test: FM WP 360, 9-27-74
Sound Test: NGC 2363, 4-1-70

24 2 HR. WALL ASSEMBLY

Design No. U905
Bearing Wall Rating — 2 HR.
Nonbearing Wall Rating — 2 HR



1. **Concrete Blocks*** — Various designs. Classification D-2 (2 hr). See Concrete Blocks category for list of eligible manufacturers.
2. **Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime or cement volume). Vertical joints staggered.
3. **Portland Cement Stucco or Gypsum Plaster** — Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).
4. **Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or siliceous treated perlite loose fill insulation add 2 hr to classification.
5. **Foamed Plastic*** — (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
   THE DOW CHEMICAL CO —Type Thermax

*Bearing the UL Classification Mark

32 2 HR. WALL ASSEMBLY

GA FILE NO. WP 4136 — GENERIC — 2 HOUR FIRE — 40 to 44 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

Base layer 5/8" type X gypsum wallboard or veneer base applied parallel or at right angles to each side of 2 x 4 wood studs 16" o.c. with 1¼" Type W drywall screws 12" o.c. **Face** layer 5/8" type X gypsum wallboard or veneer base applied parallel or at right angles to each side with 1⅞" Type W drywall screws 12" o.c. and offset 6" from screws in base layer.

Joints staggered 16" each layer and side. **(LOAD-BEARING)**

Thickness: 6⅛"
Approx. Weight: 12 psf
Fire Test: SWRI 01-5920-614, 12-5-94
Sound Test: See WP 4135 (NGC 2393, 4-1-70)

36 2 HR. WALL ASSEMBLY

GA FILE NO. WP 3910 — GENERIC — 2 HOUR FIRE — 50 to 54 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

Base layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side of 2 x 4 wood studs 16" o.c., staggered 8" o.c. on 2 x 6 wood plates, with 6d coated nails, 1⅞" long, 0.085" shank, ¼" heads, 24" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side with 8d coated nails, 2⅜" long, 0.113" shank, 9/32" heads, 8" o.c.

Joints staggered 16" each layer and side. Sound tested with nails for base layer spaced 6" o.c. Horizontal bracing required at mid-height. **(LOAD-BEARING)**

Thickness: 8"
Approx. Weight: 13 psf
Fire Test: See WP 4135 (FM WP 360, 9-27-74)
Sound Test: NGC 2377, 5-19-79

33 2 HR. WALL ASSEMBLY

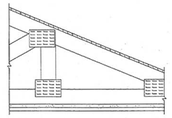
GA FILE NO. WP 8105 — GENERIC — 1 HOUR FIRE

**G

GA FILE NO. RC 2602	GENERIC	1 HOUR FIRE

WOOD TRUSSES, GYPSUM WALLBOARD

Base layer 5/8" type X gypsum wallboard applied at right angles to wood roof trusses 24" o.c. with 1¼" Type W or S drywall screws 24" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to trusses with 1⅞" Type W or S drywall screws 12" o.c. at joints and intermediate trusses and 1½" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood trusses supporting ½" wood structural panels applied at right angles to trusses with 8d nails. Appropriate roof covering. **Ceiling provides one hour fire resistance protection for trusses.**



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98

5 1 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. FC 5406	GENERIC	1 HOUR FIRE	35 to 39 STC SOUND

WOOD JOISTS, GYPSUM WALLBOARD

Base layer 5/8" type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1¼" Type W or S drywall screws 24" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1⅞" Type S drywall screws 12" o.c. at joints and intermediate joists and 1½" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting ⅞" plywood with exterior glue applied at right angles to joists with 8d nails. **Ceiling provides one hour fire resistance protection for wood framing, including trusses.**



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72
Sound Test: Estimated

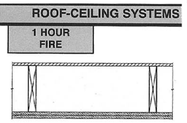
6 1 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. RC 2601	GENERIC	1 HOUR FIRE

ROOF-CEILING SYSTEMS

GYPSUM BOARD, WOOD JOISTS, ROOF COVERING

Base layer 5/8" type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1¼" Type W or S drywall screws 24" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1⅞" Type S drywall screws 12" o.c. at joints and intermediate joists and 1½" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting ½" plywood with exterior glue applied at right angles to joists with 8d nails. Appropriate roof covering. **Ceiling provides one hour fire resistance protection for wood framing, including trusses.**



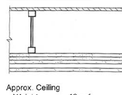
Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172. 2-25-72

5 1 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. RC 2750	GENERIC	2 HOUR FIRE

GYPSUM WALLBOARD, RIGID FURRING CHANNELS
WOOD JOISTS or WOOD I-JOISTS, ROOF COVERING

Base layer 5/8" type X gypsum wallboard applied at right angles to either 2 x 8 wood joists or 9½" deep wood I-joists 24" o.c. with 1¼" Type W drywall screws 12" o.c. **Second** layer 5/8" type X gypsum wallboard applied at right angles to joists or I-joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. **Third** layer 5/8" type X gypsum wallboard applied at right angles to joists or I-joists with 2½" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists or I-joists over third layer with two 2½" long Type W drywall screws at each joist or I-joist. **Face** layer 5/8" type X gypsum wallboard applied at right angles to furring channels with 1⅞" Type S drywall screws 12" o.c. Wood joists or I-joists supporting ¼" T & G edge plywood applied at right angles to joists or I-joists with 8d nails 6" o.c. at joints and 12" at intermediate joists or I-joists. Appropriate roof covering. **Ceiling provides two-hour fire-resistance protection for wood framing.**



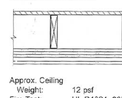
Approx. Ceiling Weight: 12 psf
Fire Test: UL R4024, 00NK28545, 4-27-01; UL R4042, 03NK11206, 3-19-03; UL Design L556; ULC Design M514

11 2 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. FC 5725	GENERIC	2 HOUR FIRE

WOOD FLOOR, WOOD JOISTS, GYPSUM WALLBOARD, RIGID FURRING CHANNELS

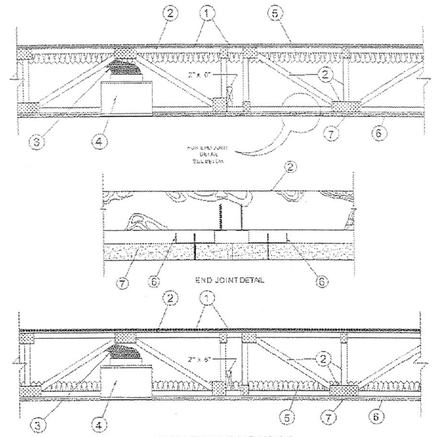
Base layer 5/8" type X gypsum wallboard applied at right angles to 2 x 8 wood joists 24" o.c. with 1¼" Type W drywall screws 12" o.c. **Second** layer 5/8" type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. **Third** layer 5/8" type X gypsum wallboard applied at right angles to joists with 2½" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists over third layer with two 2½" long Type W drywall screws at each joist. **Face** layer 5/8" type X gypsum wallboard applied at right angles to furring channels with 1⅞" Type S drywall screws 12" o.c. Wood joists supporting ¾" T & G edge plywood applied at right angles to joists with 8d nails 6" o.c. at joints and 12" at intermediate joists. **Ceiling provides two-hour fire-resistance protection for wood framing.**



Approx. Ceiling Weight: 12 psf
Fire Test: UL R4024, 00NK28545, 4-27-01; UL R4024, 03NK11206, 3-19-03; UL Design L556; ULC Design M514

10 2 HR. FLOOR / CEILING ASSEMBLY

Design No. L563
December 28, 2007
Unrestrained Assembly Rating - 1 Hr
Finish Rating - 25 Min (See Items 5 or 5A)
Load Restricted for Canadian Applications — See Guide BXUV7



1. **Flooring System —** The flooring system shall consists of one of the following:

System No. 1

Subflooring — Nom 23/32 in. thick wood structural panels installed perpendicular to trusses with end joints staggered. Plywood panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Min 1 by 4 in. T & G lumber fastenes diagonally to trusses, or min 15/32 in. thick wood structural panels, min grade "Underlayment" or "Single Floor", Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

System No. 2

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonviewed APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Floor Mat Materials* - (Optional) — Nom 6 mm thick floor mat material adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of floor-topping mixture. When floor mat material is used, min thickness of floor topping mixture is 1 in.

HACKER INDUSTRIES INC — Type Hacker Sound-Mat

Alternate Floor Mat Materials* — (Optional) — Floor mat material nom 10 mm thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/2 in. of floor-topping mixture.

HACKER INDUSTRIES INC — Type Hacker Sound-Mat II.

Alternate Floor Mat Materials* — (Optional) — Floor mat material nom 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in.

HACKER INDUSTRIES INC — Type Quiet Qurl 55/C25

Alternate Floor Mat Materials* — (Optional) — Floor mat material nom 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in.

HACKER INDUSTRIES INC — Type Quiet Qurl 60/040

Alternate Floor Mat Materials* — (Optional) — Floor mat material nom 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in.

HACKER INDUSTRIES INC — Type Quiet Qurl 65/075

Metal Lath (Optional) — For use with 3/8 in. or 10 mm floor mat materials. 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd plates over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant

2. **Trusses —** Parallel chord trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Min truss depth is 12 in. Truss members secured together with min 0.036 0356 in. thick galvanized steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tool has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx. 7/8 in. centers with four rows of teeth per inch of plate width.

3. **Air Duct* —** Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.

4. **Ceiling Damper* - (Optional) —** For use with min 18 in. deep trusses Max plenum box size nom 19 in. long by 19 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.

AIRE TECHNOLOGIES INC — Models: CRD model 50 w/Boot, CRD model 50EA w/Boot, CRD model 55 w/Boot, CRD model 55 EA w/Boot.

LLOYD INDUSTRIES INC — Model CRD 50-BT, CRD 50-EA-BT, CRD 55-BT, CRD 55 EA-BT

4A. **Alternate Ceiling Damper* - (Optional) —** For use with min 18 in. deep trusses Max plenum box size nom 13 in. long by 13 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 50 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.

LLOYD INDUSTRIES INC — Model CRD 50-BT-6, CRD 50-EA-BT-6, CRD 55-BT-6, CRD 55 EA-BT-6

4B. **Alternate Ceiling Damper* - (Optional) —** For use with min 18 in. deep trusses Max size ceiling outlet in plenum box nom 12 in. long by 12 in. wide, Plenum box fabricated from galv steel. Aggregate damper openings shall not exceed 72 sq in. per 100 sq ft of ceiling area. Installed in accordance with the manufacturers installation instructions provided with the damper.

AIRE TECHNOLOGIES INC — Models: CRD model 50 w/Boot, CRD model 50EA w/Boot, CRD model 55 w/Boot, CRD model 55 EA w/Boot.

LLOYD INDUSTRIES INC — Model CRD 50-95BT, CRD 50-EA-95BT, CRD 55-95BT, CRD 55 EA-95BT

4C. **Alternate Ceiling Damper* —** (Optional) - For use with min 18 in. deep trusses. Max size ceiling outlet in plenum box nom 16 in. long by 16 in. wide. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.

CROWN PRODUCTS CO INC — Models CRD50-FGPB-4.2-CP, -6.0-CP; CRD55-FGPB-4.2-EA-CP, -6.0-EA-CP.

LLOYD INDUSTRIES INC — Models CRD 50 - FGPB-4.2, - 4.2 NI, -6.0, -6.0 NI; CRD50-EA-FGPB-4.2, -4.2 NI, -6.0, -6.0 NI.

5. **Batts and Blankets* —** Glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. When the resilient channels (Item 6) are spaced 16 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with staples at 12 in. OC or held suspended in the concealed space with 0.090 in. diam galv steel wires attached to the wood trusses at 12 in. OC. When the resilient channels are spaced a max of 12 in. OC or when the Steel Framing Members (Item 6A) are used, there is no limit in the overall thickness of insulation, and the insulation can be secured against the subflooring, held suspended in the concealed space or draped over the resilient channels (or Steel Framing Members) and gypsum panel membrane. The finished rating has only been determined when the insulation is secured to the subflooring.

5A. **Loose Fill Material* —** As an alternate to Item 5, when the resilient channels (Item 6) are spaced a max of 12 in. OC, or when the Steel Framing Members (Item 6A) are used - Any loose fill material bearing the UL Classification Marking for Surface Burning Characteristics. There is no limit in the overall thickness of insulation. The finished rating when loose fill material is used has not been determined

6. **Resilient Channels** — Formed from min 0.020 in. thick galv steel, 1/2 in. deep by 2 in. wide at the base and 1-1/4 in. wide at the face, spaced 16 in. OC perpendicular to trusses. When insulation (Items 5 or 5A) is applied over the resilient channel/gypsum panel ceiling membrane, the resilient channel spacing shall be reduced to 12 in. OC. Channels secured to each truss with 1-1/4 in. long Type S bugle head steel screws. Channels overlapped 4 in. at splices. Two channels, spaced 6 in. OC, oriented opposite each gypsum panel end joint as shown in the above illustration. Additional channels shall exceed min 6 in. beyond each side edge of panel.

6A. **Alternate Steel Framing Members —** (Not Shown) - As an alternate to Items 6, main runners, cross tees, cross channels and wall angle as listed below:

A. **Main Runners** — Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Hanger wires to be located adjacent to main runners/cross tee intersections. Hanger wires wrapped and twist-tied on 16G nails driven in to side of trusses at least 5 in. above the bottom face.

B. **Cross Tees** — Nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or cross channels used at 8 in. from each side of butted gypsum panel end joints. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

C. **Cross Channels** — Nom 4 or 12 ft long, installed perpendicular to main runners, spaced 16 in. OC.

D. **Wall Angle or Channel** — Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum panel.

CGC INC — Type DGL or RX.

USG INTERIORS INC — Type DGL or RX.

6B. **Steel Framing Members* —** (Optional, Not Shown) - Used as an alternate method to attach min. 1/2 in. deep resilient channels (Item 6) to wood trusses (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the bottom chord of each wood truss with a min. 1-1/4 in. long Type S bugle head steel screw through the center hole of the clip and the resilient channel flange. Adjoining resilient channels are overlapped 4 in. under trusses. The clip flange is opened slightly to accommodate the two overlapped channels. Additional clips required to hold resilient channel that supports the gypsum board butt joints, as described in Item 7.

KEENE BUILDING PRODUCTS CO INC — Type RC Assurance.

7. **Gypsum Board* —** Nom 5/8 in. thick, 48 in. wide gypsum panels. When resilient channels (Item 6) are used, gypsum panels installed with long dimension perpendicular to resilient channels. Gypsum panels secured with 1 in. long Type S bugle head steel screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from end joints. When insulation (Items 5 or 5A) is applied over the resilient channel/gypsum panel ceiling membrane the screw spacing shall be reduced to 8 in. OC. End joints secured to both resilient channels as shown in end joint detail. When Steel Framing Members (Item 6A) are used, gypsum panels installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Panels fastened to cross tees with 1 in. long Type S bugle-head screws spaced 8 in. OC in the field and along end joints. Panels fastened to main runners with 1 in. long Type S bugle-head screws spaced midway between cross tees. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from board edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 2 ft OC.

CANADIAN GYPSUM COMPANY — Types C, IP-X2, IPC-AR

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

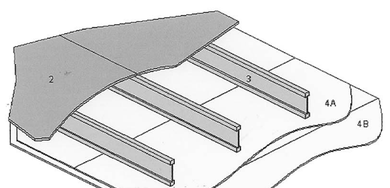
8. **Finishing System - (Not Shown) —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

*Bearing the UL Classification Mark

15 1 HR. FLOOR / CEILING ASSEMBLY

WIJ-1.5 One-Hour Fire-Resistive Ceiling Assembly

Floor[a]/Ceiling - 100% Design Load - 1 Hour Rating - ASTM E 119 / NFPA 251



1. Floor Topping (optional, not shown): Gypsum concrete, lightweight or normal concrete topping.
2. Floor Sheathing: Minimum 23/32 inch thick tongue-and-groove wood sheathing (Exposure 1). Installed per code requirements with minimum 8d common nails.
3. Structural Members: Wood I-joists spaced a maximum of 24 inches on center.

Minimum I-joist flange depth: 1-1/2 inches
Minimum I-joist web thickness: 3/8 inch
Minimum I-joist flange area: 2.25 inches[2]
Minimum I-joist depth: 9-1/4 inches

4. Gypsum Wallboard: Two layers of minimum 1/2 inch Type X gypsum wallboard attached with the long dimension perpendicular to the I-joists as follows:

4a. Wallboard Base Layer: Base layer of wallboard attached to bottom flange of I-joists using 1-5/8 inch Type S drywall screws at 12 inches on center. End joints of wallboard centered on bottom flange of the I-joist and staggered.

4b. Wallboard Face Layer: Face layer of wallboard attached to bottom flange of I-joists through base layer using 2 inch Type S drywall screws spaced 12 inches on center on intermediate joists and 8 inches on center at end joints. Edge joints of wallboard face layer offset 24 inches from those of base layer. End joints centered on bottom flange of I-joists and offset a minimum of one joist spacing from those of base layer. Additionally, wallboard face layer attached to base layer with 1-1/2 inch Type G drywall screws spaced 8 inches on center, placed 6 inches from face layer end joints.

5. Finish System (not shown): Face layer joints covered with tape and coated with joint compound. Screw heads covered with joint compound.

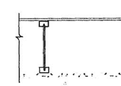
Fire Tests conducted at Factory Mutual Research	September 29, 1978
Third Party Witness: Factory Mutual Research	Report No: FC-268
PFS Test Report #86-09-1	July 28, 1986

STC and IIC Sound Ratings for Listed Assembly

Without Gypsum Concrete				With Gypsum Concrete			
Cushioned Vinyl		Carpet & Pad		Cushioned Vinyl		Carpet & Pad	
STC	IIC	STC	IIC	STC	IIC	STC	IIC
-	-	-	-	-	-	49 [b]	55 [b]

[a] This assembly may also be used in a fire-rated roof/ceiling application, but only when constructed exactly as described.
[b] STC and IIC values estimated by David L. Adams Associates, Inc

3 1 HR. ROOF / CEILING & FLOOR / CEILING ASSEMBLY

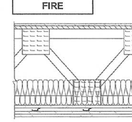


G-P Design No. EL60.1
One-Hour Fire-Resistive Floor-Ceiling Assembly
(Applicable to all Wood I Beam joists)
Floor—⅝" AFR Rated Stud-Edge® T&G wood structural panel, face grain perpendicular to joists, glued-nailed to joists with 7" board of exterior construction adhesive and 8d common nails spaced per code requirements. Maximum joist spacing 24" o.c.
Ceiling—Two layers 5/⅝" Type X gypsum wallboard applied with long dimension perpendicular to joists—base layer attached to bottom flange of joists with 1¼" Type S drywall screws, 24" o.c., face layer attached to joists through base layer with 1⅞" Type S drywall screws 12" o.c. at joints and intermediate joists and 1½" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer end and edge joints.

GA FILE NO. FC 5752	PROPRIETARY*	2 HOUR FIRE

WOOD TRUSSES, WOOD STRUCTURAL PANELS, GYPSUM FLOOR TOPPING, RESILIENT CHANNELS, GLASS OR MINERAL FIBER BATT OR LOOSE FILL INSULATION, GYPSUM WALLBOARD

Base layer ⅝" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to minimum 12" deep parallel chord wood trusses 24" o.c. with 1¾" Type S drywall screws 8" o.c. Resilient channels 16" o.c. applied at right angles to trusses with 1⅝" Type S-12 drywall screws to each truss. **Second** layer ⅝" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient channels with end joints centered on channels with 1" Type S-12 drywall screws 8" o.c. **Face layer** ⅝" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1⅝" Type S-12 drywall screws 8" o.c. Face layer joints offset 16" from second layer joints. Glass or mineral fiber batt, blanket, or loose-fill insulation applied directly over gypsum board. Wood trusses supporting 2½psf nominal wood structural panel subfloor applied at right angles to trusses with construction adhesive and 6d ring shank nails 12" o.c. Minimum ½" proprietary gypsum floor topping applied over subfloor.



Approx. Ceiling Weight: 3 psf
Fire Test: UL R9668, 05NK20716, 8-10-05; UL Design L577

PROPRIETARY GYPSUM COMPONENTS

United States Gypsum Company - ⅝" SHEETROCK® Brand FIRECODE® C Core Gypsum Panels
- LEVELROCK® Brand Floor Underlayment

7 2 HR. FLOOR / CEILING ASSEMBLY

NOTE:
THIS SHEET IS GIVEN FOR TECHNICAL REFERENCE ONLY.

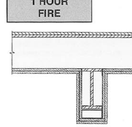
NOTE:
SEE THE FULL UL BOOK FOR ADDITIONAL MANUFACTURER'S PRODUCTS & ALTERNATIVE SYSTEMS FOR EACH LISTING HERE. THE ARCHITECT & OWNER NEED TO BE CONSULTED BEFORE USING A DIFFERENT SYSTEM THAN SPECIFIED HERE.

BEAMS, GIRDERS, AND TRUSSES, NONCOMBUSTIBLE		
GA FILE NO. BM 1137	PROPRIETARY '	1 HOUR FIRE

STEEL FRAME, GYPSUM WALLBOARD

Base layer ½" proprietary type X gypsum wallboard applied to beam cage with 1" Type S-12 drywall screws 12" o.c. **Face** layer ½" proprietary type X gypsum wallboard applied to beam cage with 1⅝" Type S-12 drywall screws 12" o.c. Joints offset from base layer joints.

Beam cage fabricated from No. 24 gage 7/8" x 1⅜" steel angles screw attached to steel joists at beam top flange and No. 25 gage 2½" steel runners hooked over beam lower flange and supporting 1⅜" steel studs 24" o.c. Minimum beam size W8x15. **(One hour unrestrained beam.)**

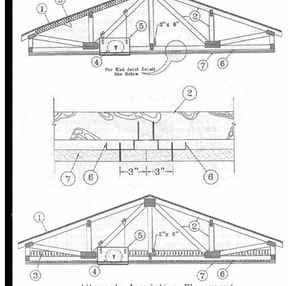


PROPRIETARY GYPSUM BOARD

American Gypsum Company	-	½" FIREBLOC TYPE C	
Celotex Corporation	-	½" FI-ROK PLUS™	Fire Test: UL R1319-133, 7-16-75; Based on UL R3660-7 & -8, 11-12-87; UL Design L524
Continental Gypsum	-	½" *MoreRock*® FireBar® Type C (CGTC-C)	
G-P Gypsum	-	½" GyProc® Fireguard® C	
James Hardie Gypsum	-	½" Hardirock® Brand Max "C"™ Gypsum Panels	
Lafarge Gypsum	-	½" Firecheck® Type C	
Temple-Inland Forest Products Corporation	-	½" TG-C	
United States Gypsum Company	-	½" SHEETROCK® Brand Gypsum Panels, FIRECODE® C Core	

9 1 HR. BEAM ASSEMBLY

Design No. P522
Unrestrained Assembly Rating — 1 Hr
Finish Rating — 25 Min (See Items 3 or 3A)



1. **Roofing System* —** Any UL Class A, B or C Roofing System (TGFU) or Prepared Roof Covering (TFWZ) acceptable for use over nom 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Nom 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive may be used with either the nails or staples.
2. **Trusses —** Pitched or parallel chord wood trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with min. 0.0356 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a min roof slope of 3/12 and a min. area in the plane of the truss of 21 sq/ft. Where the truss intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. if the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.
3. **Batts and Blankets* —** (Optional) — Glass fiber insulation, secured to the wood structural panels with staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 pcf. As an option, the insulation may be fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. The finished rating has only been determined when the insulation is secured to the decking.

3A. **Loose Fill Material* —** As an alternate to Item 3 — Any thickness of loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, having a min density of 0.5 pcf, applied within the concealed space, over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. The finished rating when loose fill material is used has not been determined.
U S GREENFIBER L L C—Cocoon stabilized cellulose insulation.
4. **Air Duct* —** Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.
5. **Ceiling Damper* —** Max nom area, 324 sq in. Max square size, 18 in. by 18 in. rectangular sizes not to exceed 324 sq in. with a max width of 18 in. Max damper height is 14 in. Installed in accordance with manufacturers installation instructions provided with the damper. Max damper openings not to exceed 162 sq in. per 100 sq ft of ceiling area.
C&S AIR PRODUCTS—Model RD-521
POTTORFF—Model CFD-521

5A. **Alternate Ceiling Damper* —** Max nom area, 196 sq in. Max square size, 14 in. by 14 in. Rectangular sizes not to exceed 196 sq in. with a max width of 24 in. Max overall damper height is 7 in. Installed in accordance with the manufacturers installation instructions provided with the damper. Max damper openings not to exceed 196 sq in. per 100 sq ft of ceiling area.
C&S AIR PRODUCTS—Model RD-521-BT
POTTORFF—Model CFD-521-BT.
6. **Furring Channels —** Resilient channels, nom. 1/2 in. deep by 2-3/8 in. wide at the base and 1-3/8 in. wide at the face, formed from 0.020 in. thick galv steel. Installed perpendicular to the trusses (Item 2), spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane. Two courses of resilient channel positioned 4 in. OC at wall/board butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type S screws.

6A. **Steel Framing Members —** (Not Shown)* — As an alternate to Item 6, furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to trusses when no insulation (Items 3 or 3A) is fitted in the concealed space or 12 in. OC when insulation (Items 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane or 24 in. OC when insulation (Items 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board is attached as described in Item 7 for steel framing members. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.
b. **Steel Framing Members —** Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC, and secured to alternating trusses with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7.
PAC INTERNATIONAL INC — Type RSIC-1.

7. **Gypsum Board* —** One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane. When **Steel Framing Members*** (Item 6A) are used, sheets installed with long dimension perpendicular to furring channels and side joints of sheet located beneath trusses. Gypsum board screws are driven through channel spaced 12 in. OC in the field when no insulation (Item 3 or 3A) is fitted in the concealed space, or 8 in. OC in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Gypsum board butt joints shall be staggered min. 2 ft. within tie assembly, and occur between the main furring channels. At the gypsum board butt joints, each end of the gypsum board shall be supported by a single length of furring channel equal to the width of the wallboard plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to the trusses with one SSIC-1 clip at each end of the channel. Screw spacing along the butt joint to attach the gypsum board to the furring channels shall be 8 in. OC. Second (outer) layer of gypsum board required when furring channels (Item 6A, a) are spaced 24 in. OC and insulation is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Outer layer of gypsum board attached to the furring channels using 1-5/8 in. long Type S bugle-head screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints of outer layer to be offset a minimum of 8 in. from base layer end joints. Butted side joints of outer layer to be offset minimum 16 in. from butted side joints of base layer.
CANADIAN GYPSUM COMPANY—Types C, IP-X2, IPC-AR.
UNITED STATES GYPSUM CO—Types C, IP-X2, IPC-AR.
USG MEXICO S A DE C V—Types C, IP-X2, IPC-AR

8. **Finishing System —** (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.
Alternate **Ceiling Membrane** — Not Shown.
9. **Steel Framing Members —**
a. **Main runners** — Installed perpendicular to Structural Steel Members — Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of Structural Steel Members with 12 SWG galv steel wire. Wires located a max of 48 in. OC
b. **Cross tees or channels** — Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face or cross channels, nom 4 ft long, 1-1/2 wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of butted gypsum board end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.
c. **Wall angles or channels** — Used to support steel framing member ends and for screw-attachment of the gypsum wallboard — Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in. thick painted or galvanized steel channel with a 1 by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.
CGC INTERIORS, DIV OF CGC INC— Type DGL or RX.
USG INTERIORS INC — Type DGL or RX.

10. **Gypsum Board* —** For use with Steel Framing Members (Item 9) when Batts and Blankets* (Item 6) are not used - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to the main runners. Gypsum board fastened to each cross tee or channel with Bugle-head screws, with one screw located at the midspan of the cross tee or channel, one screw located 12 in. from and on each side of the cross tee or channel mid span and one screw located 1-1/2 in. from each gypsum board side joint. Except at wallboard end joints, wallboard screws shall be located on alternating sides of cross tee flange. At gypsum board end joints, gypsum board screws shall be located 1/2 in. from the joint. Gypsum board fastened to main runners with wallboard screws 1/2 in. from side joints, midway between intersections with cross tees or channels (16 in. OC). End joints of adjacent gypsum board sheets shall be staggered not less than 32 in. Gypsum board screws attached to leg of wall angle with wallboard screws spaced 12 in. OC. Joints treated as described in Item 7.For use with **Steel Framing Members*** (Item 9) when **Batts and Blankets*** (Item 6) are used - Ratings limited to 1 hr. Nom 5/8 in. thick, 4 ft wide, installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel gypsum board screws spaced 8 in. OC in the field and 8 in. OC along end joints.

MOLIN

Since 1897
CONCRETE PRODUCTS COMPANY

Multi-Family Dwelling Fire Rating

- **Typical Construction**

A typical project for Molin Concrete is the Precast Beams Columns and Hollow Core Plank to serve as a fire separation between the underground parking and the wood framed structure above. In most cases, a 3 hour fire rating is required for the precast.

This type of structure typically consists of two lines of beam and columns on either side of the main drive isle with 12" plank between them and 8" plank on the exterior spans. The exterior foundation walls that support the 8" plank and retain the earth loads can be precast walls, masonry or cast in place concrete. Two to four floors of wood frame structure are then added above the precast floor with a central corridor and apartment units on either side.

The wood frame is constructed using a wood roof and floor truss system or a conventional floor frame and truss roof. In floor truss system the roof and floor trusses span from the exterior wall to a bearing wall at either side of the corridor. This system results in 2 line loads centered on the 12" plank with a magnitude of 2.5-4.5 KLF. The conventional system consists of dimensional lumber spanning between bearing walls that are parallel to the plank span and roof trusses spanning from exterior wall the corridor bearing walls. This system results in a line load at the corridor walls of about 1.1 KLF and bearing wall loads parallel to the plank at 8-16 feet on center of 1.2-2.0 KLF.

Molin Concrete's products meet the IBC requirements in all cases for 2 hour un-restrained construction with their standard reinforcement cover. The following sections for the various product types discuss how a 3 hour fire rating is arrived at.

- **Codes and References**

The current building code in the Molin Concrete's market area is the 2012 International Building Code. The IBC section 722.2 specify methods of calculating the fire resistance of concrete construction. These sections provide tables, which define the minimum wall and slab thickness, column size and minimum concrete cover over tension reinforcement.

Another valuable reference is the Precast/Prestressed Concrete Institutes (PCI) MNL-124-11 Design for Fire Resistance of Precast Prestressed Concrete. This document is noted in IBC 722.2.3.1 as being an acceptable means to calculate fire resistance. This reference details a rational design method by which one can determine the temperature and strength of the steel reinforcement at a given time period and concrete cover. This information can then be used to determine the ultimate strength of a member at the elevated temperature using conventional analysis methods. It is important to note that load factors need not be applied to the service loads when comparing to the ultimate capacity at temperature because the fire rating period is providing the factor of safety against failure.

ASTM E119 is the standard which defines the methods for testing an assembly for fire endurance. Appendix X.3 and table X3.1 of this standard provide a guide for determining conditions of restraint. This table indicates that interior bays of flooring systems or floors that have continuous structural concrete topping can be considered restrained. The apartment buildings that are under discussion here typically have gypcrete topping and do not qualify for the second of these conditions.

- **12" Hollow Core Plank**

Because the 12" plank is contained between the two lines of precast beams it can be considered a restrained condition. Per Table 722.2.3(2) of the 2012 IBC a 3 hour fire rating can be achieved with ¾" concrete cover. This is much less that 1 7/8" provided by our standard 12" hollow core products.

In the event that the 12" plank is located on the building such that it can not be considered restrained, the methods of PCI MNL-124 can be used to demonstrate the fire resistance. Through investigation of the rational design method it has been determined that the worst case configuration of our 12" plank yields a 20% reduction in service load capacity. Therefore, 12" hollow core plank can conservatively be designed for a 3 hour unrestrained fire rating by designing for 120% of the service loads.

With an equivalent thickness of 5.76 inches or more, Molin Concrete's 12" products are in compliance with 2012 IBC table 722.2.2.1 without consideration of concrete or gypcrete topping.

- **8" Hollow Core Plank**

The exterior 8" plank spans typically can not be considered a restrained construction and therefore requires 2 1/8" of cover to meet the 3-hour requirements of Table 722.2.3(2) of the 2012 IBC. Molin Concrete's standard 8" plank has 1 7/8" of cover over the prestressing strand and therefore, the methods of PCI MNL-124 will again have to be used to justify a 3 hour fire rating.

Through investigation of the rational design method it has been determined that the worst case configuration of our 8" plank yields a 20% reduction in service load capacity. Therefore, 8" hollow core plank can conservatively be designed for a 3 hour unrestrained fire rating by designing for 120% of the service loads.

If the structure incorporates a 2" concrete topping, the capacity reductions are not required as the plank may be considered restrained per ASTM E119.

The equivalent thickness of Molin Concrete's 8" plank with ¾" of gypcrete topping is 5.84" or more which is in compliance with 2012 IBC table 722.2.2.1.

- **24" Wide Inverted Tee Beams**

The beams used for this type of structure are 24" wide and 24" to 36" tall depending on the span. There is a 4"x12" and 4"x8" block out at either side of the beam to create a ledge for supporting the plank. These beams can have up to 26 prestressing strands located in three layers at 2 ½", 4 ½" and 6 ½" from the bottom of the beam and a minimum of 3" from the side of the beam.

Table 722.2.3(4) of the 2012 IBC indicates that 2 ½" of clear cover is required for an unrestrained condition and 1 ½" of cover is required for a restrained condition to meet a 3 hour fire rating. The interior spans of the beam line can be considered restrained and therefore meet the requirements of the IBC. The beams at the ends of the beam lines, being unrestrained, however are ½ a strand diameter shy of the requirements. The rational design methods of PCI MNL-124 never control over the service loads for beams of this configuration. Therefore, the inverted tee beams used in this type of structure meet a 3 hour fire rating.

- **Columns**

The columns used in this type of structure are typically 12'x12", 12"x16" or 16"x16" depending on the size and span of the beams. The standard placement for the main bars is 2" clear of the face of the column. Table 722.2.4 of the 2012 IBC requires that a minimum column dimension of 11" and section 722.2.4.2 requires a minimum cover of 2" to the main longitudinal reinforcement. Molin Concrete's standard columns comply with both of these requirements.

- **Wall Panels**

The 2012 IBC table 722.2.1.1 requires that a load bearing or non-load bearing precast wall panel have an equivalent thickness of 5.7" to achieve a 3 hour fire rating. This is less than the 8" solid panel typically provided by Molin Concrete. Neither reference specifies a requirement for concrete cover. Because the intended fire separation is between the garage and living space above and not between the garage and the outside, it is not necessary to fire protect the joints between the precast foundation walls.

- **Conclusion**

Based on the above information, the standard products provided by Molin Concrete for a fire separation in an apartment with underground parking meet the requirements for a 3 hour fire rating. The fire design does not control the design of these structures with the exception of the 8" plank which requires a reduction in service load capacity.

1 3 HR. PRECAST ASSEMBLIES

Horizontal Shaftwall Duct and Ceiling Assemblies

09 21 16.23/NGC

DESCRIPTION

I-Stud Cavity Shaftwall Systems can be erected horizontally and used as economical fire resistive assemblies for corridor ceilings, stair soffits, and protection for mechanical ducts.

The I-Stud Cavity Shaftwall System for Horizontal Duct Protection consists of I-Studs 24" o.c. with 1" Fire-Shield C Gypsum Board attached to the stud flanges opposite the Shaftliner panels. This System provides fire protection for mechanical ducts and has been tested from both sides.

Two layers of 1/2" Fire-Shield C Gypsum Board attached to the stud flanges opposite the Shaftliner provide 2-hour fire protection when used as a corridor ceiling or stair soffit.*

Similarly, single layer 5/8" Fire-Shield or Fire-Shield C Gypsum Board attached to the stud flanges opposite the Shaftliner panels provide 1-hour fire protection when used as a corridor ceiling or stair soffit.*

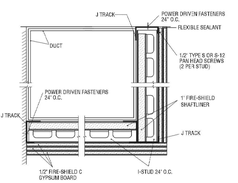
LIMITATIONS

I-Stud Cavity Shaftwall Systems erected horizontally for corridor ceilings or stair soffits are designed to carry their own deadweight only, and should not be used where there is access to an attic or loft above, or any probability of storage.

In addition, the 2-hour horizontal duct protection system is not designed to carry live loads or the weight of the mechanical ducting it is protecting.

Maximum allowable horizontal spans of each system are shown in the table below.

DETAILS



TWO HOUR HORIZONTAL DUCT PROTECTION
WH 694-0300.1
0920000
Scale: 3" = 1'-0"

TECHNICAL DATA

MAXIMUM HORIZONTAL SPANS FOR I-STUD ASSEMBLIES

Stud Size in. (mm)	Minimum Steel Thickness in. (mm)	Corridor Ceilings And Stair Soffits: 1-Hour Fire Resistive Rating	Corridor Ceilings And Stair Soffits: 2-Hour Fire Resistive Rating	Horizontal Membrane And Duct Protection: 2-Hour Fire Resistive Rating
2-1/2" (63.5 mm)	0.020 (.508)	7'-8" (2357 mm)	7'-8" (2357 mm)	7'-2" (2194 mm)
2 1/2" (63.5 mm)	0.0329 (.836)	8'-8" (2642 mm)	9'-4" (2845 mm)	8'-8" (2642 mm)
4" (102 mm)	0.020 (.508)	10'-3" (3124 mm)	10'-9" (3277 mm)	10'-0" (3048 mm)
4" (102 mm)	0.0329 (.836)	11'-5" (3581 mm)	12'-1" (3683 mm)	11'-3" (3429 mm)
6" (152 mm)	0.0329 (.836)	14'- 10" (4521 mm)	14'-10" (4521 mm)	13'-10" (4216 mm)

Note: Spans based on L/240 deflection and twice the dead load weight, and 24" o.c. stud spacing.

09 21 16.23

DETAILS



*See ICBO Evaluation Services, Inc., Evaluation Report No. 3579 for allowable values and/or conditions of use concerning material presented in this document. It's subject to re-examinations, revisions, and possible cancellations.

SPECIFICATIONS

SECTION 09 21 16.23
SHAFTWALL SYSTEMS

THE FOLLOWING PARAGRAPHS ARE FOR INSERTION INTO SECTIONS OF GENERIC SPECIFICATIONS OR GENERIC/PROPRIETARY SPECIFICATIONS COVERING SHAFTWALL PRODUCTS. THE NATIONAL GYPSUM COMPANY PRODUCT NAME FOLLOWS THE GENERIC DESCRIPTION IN PARENTHESES.

PART 1 GENERAL

1.02 REFERENCES

A. American Society for Testing and Materials (ASTM):
1. C 840, Specification for Application and Finishing of Gypsum Board.
2. C 1396, Specification for Gypsum Board.

PART 2 PRODUCTS

2.02 MATERIALS

A. Gypsum Board:
1. Fire-Resistant Gypsum Shaftliner Board: A gypsum core shaftwall panel with additives to enhance fire resistance of the core and surfaced with water repellent paper on front, back, and long edges and complying with ASTM C 1396, Type X (Gold Bond BRAND Fire-Shield Shaftliner).
a. Thickness: 1"
b. Width: 2'
c. Length: 7' through 14'
d. Edges: Beveled
2. Fire-Resistant Mold-Resistant Gypsum Shaftliner Board: A gypsum core shaftwall board with additives to enhance fire resistance of the core and surfaced with a moisture/mold/mildew resistant paper on front, back, and long edges; and complying with ASTM C1396, Type X (Gold Bond BRAND Fire-Shield Shaftliner XP).
a. Thickness: 1"
b. Width: 2'
c. Length: 7' through 14'
d. Edges: Beveled
e. Mold and Mildew Resistance: Panel score of 10, when tested in accordance with ASTM D 3273
3. Fire-Resistant Gypsum Board: A gypsum core wall panel with additives to enhance fire resistance of the core and surface with paper on front, back, and long edges and complying with ASTM C 1396, Type X.
a. Thickness: 1/2" (Gold Bond BRAND Fire-Shield C Gypsum Board), 5/8" (Gold Bond BRAND Fire-Shield Gypsum Board), or 5/8" (Gold Bond BRAND Fire-Shield Gypsum Board).
b. Width: 4'
c. Length: 6' through 16'
(1/2" Fire-Shield C Gypsum Board, 5/8" Fire-Shield Gypsum Board)
Length: 8' through 14'
(5/8" Fire-Shield C Gypsum Board)
d. Edges: Square, Tapered, or Beveled Taper (Sta-Smooth edge)
4. Fire-Resistant Mold-Resistant Gypsum Board: A gypsum core wall panel with additives to enhance fire resistance and the water resistance of the core; surfaced with a moisture/mold/mildew resistant paper on front, back and long edges and complying with ASTM C 1396, type X.
a. Thickness: 1/2" (Gold Bond BRAND XP Fire-Shield C Gypsum Board) 5/8" (Gold Bond BRAND XP Fire-Shield Gypsum Board.
b. Width: 4'
c. Length: 8', 10' or 12'
d. Edges: Square or Tapered
e. Mold and Mildew Resistance: Panel score of 10, when tested in accordance with ASTM D 3273
5. Fire-Resistant Plaster Base: A gypsum core panel with additives to enhance the fire resistance of the core and surfaced with absorptive paper on front, back, and long edges and complying with ASTM C 1396; Type X.
a. Thickness: 1/2" (Kal-Kore BRAND Fire-Shield C Plaster Base); 5/8" (Kal-Kore BRAND Fire-Shield Plaster Base).
b. Width: 4'
c. Length: 8' and 12'
d. Edges: Tapered

B. Joint Treatment
1. Tape: 2 1/16" wide paper reinforcing tape (ProForm BRAND Joint Tape).
2. Compound: Drying type pre-mixed compound (ProForm BRAND Multi-Use Joint Compound, ProForm BRAND All-Purpose Joint Compound, regular grade and machine grade, ProForm BRAND Lite Joint Compound, ProForm BRAND Ultra Joint Compound, and ProForm BRAND XP Joint Compound).
3. Compound: Drying type job mixed vinyl base compound (ProForm BRAND Triple-T Compound).
4. Compound: Drying type topping compound, pre-mixed (ProForm BRAND Topping Joint Compound, ProForm BRAND Ultra Joint Compound).
5. Compound: Setting type job mixed chemical-hardening compound (ProForm BRAND Sta-Smooth Joint Compound, ProForm BRAND Sta-Smooth Lite Joint Compound).

PART 3 EXECUTION

3.01 INSTALLATION

A. Install studs, tracks, shaftliner, gypsum board, accessories, and finish gypsum board joints in accordance with the following ASTM Standards and manufacturer's recommendations:
1. ASTM Standards:
a. Metal Framing: C 754
b. Joint Treatment: C 840.
2. Manufacturer's Recommendations: National Gypsum Company *"Gypsum Construction Guide."*

2 1 & 2 HR. SHAFT LID ASSEMBLY

SECTION 721
PRESCRIPTIVE FIRE RESISTANCE

721.1 General.
The provisions of this section contain prescriptive details of fire-resistance-rated building elements, components or assemblies. The materials of construction listed in Tables 721.1(1), 721.1(2), and 721.1(3) shall be assumed to have the fire-resistance ratings prescribed therein. Where materials that change the capacity for heat dissipation are incorporated into a fire-resistance-rated assembly, fire test results or other substantiating data shall be made available to the *building official* to show that the required fire-resistance-rating time period is not reduced.

TABLE 721.1(3)—continued
MINIMUM PROTECTION FOR FLOOR AND ROOF SYSTEMS[a, ¶]

21. Wood joists, wood I-joists, floor trusses and flat or pitched roof trusses spaced a maximum 24" o.c. with 1/2" wood structural panels with exterior glue applied at right angles to top of joist or top chord of trusses with 8d nails. The wood structural panel thickness shallnot be less than nominal 1/2" nor less than required by Chapter 23.	21-1.1	Base layer 5/8" Type X gypsum wallboard applied at right angles to joist or truss 24" o.c. with 1¼" Type S or Type W drywall screws 24" o.c. Face layer 5/8" Type X gypsum wallboard or veneer base applied at right angles to joist or truss through base layer with 1⅞" Type S or Type W drywall screws 12" o.c. at joints and intermediate joist or truss. Face layer Type G drywall screws placed 2" back on either side of face layer joints, 12" o.c.	—	—	—	Varies	—	—	1¼

(continued)

3 1 HR. PRESCRIPTIVE FLOOR/ROOF SYSTEM

NOTE:
THIS SHEET IS GIVEN FOR TECHNICAL REFERENCE ONLY.

NOTE:
SEE THE FULL UL BOOK FOR ADDITIONAL MANUFACTURER'S PRODUCTS & ALTERNATIVE SYSTEMS FOR EACH LISTING HERE. THE ARCHITECT & OWNER NEED TO BE CONSULTED BEFORE USING A DIFFERENT SYSTEM THAN SPECIFIED HERE.

UL DISCLAIMER
*ALTHORITIES HAVING JURISDICTION SHOULD BE CONSULTED IN ALL CASES AS TO THE PARTICULAR REQUIREMENTS COVERING THE INSTALLATION AND USE OF U.L. CERTIFIED PRODUCTS, EQUIPMENT, SYSTEM, DEVICES, AND MATERIALS.
*ALTHORITIES HAVING JURISDICTION SHOULD BE CONSULTED BEFORE CONSTRUCTION.
*FIRE RESISTANCE ASSEMBLIES AND PRODUCTS ARE DEVELOPED BY THE DESIGN SUBMITTER AND HAVE BEEN INVESTIGATED BY UL COMPLIANCE WITH APPLICABLE REQUIREMENTS. THE PUBLISHED INFORMATION CANNOT ALWAYS ADDRESS EVERY CONSTRUCTION NUANCE ENCOUNTERED IN THE FIELD.
*WHEN FIELD ISSUES ARISE, IT IS RECOMMENDED THE FIRST CONTACT FOR ASSISTANCE BE THE TECHNICAL SERVICE STAFF PROVIDED BY THE PRODUCT MANUFACTURER NOTED FOR THE DESIGN. USERS OF FIRE RESISTANCE ASSEMBLIES ARE ADVISED TO CONSULT THE GENERAL GUIDE INFORMATION FOR EACH PRODUCT CATEGORY AND EACH GROUP OF ASSEMBLIES. THE GUIDE INFORMATION INCLUDES SPECIFICS CONCERNING ALTERNATE MATERIALS AND ALTERNATE CONSTRUCTIONS OF CONSTRUCTION.
*ONLY PRODUCTS WHICH BEAR U.L'S MARK ARE CONSIDERED CERTIFIED.

TABLE 722.6.2(1)
TIME ASSIGNED TO WALLBOARD MEMBRANES[a, b, c, d]

DESCRIPTION OF FINISH	TIME[e](minutes)
3/8-inch wood structural panel bonded with exterior glue	5
15/32-inch wood structural panel bonded with exterior glue	10
19/32-inch wood structural panel bonded with exterior glue	15
3/8-inch gypsum wallboard	10
1/2-inch gypsum wallboard	15
5/8-inch gypsum wallboard	30
1/2-inch Type X gypsum wallboard	25
5/8-inch Type X gypsum wallboard	40
Double 3/8-inch gypsum wallboard	25
1/2-inch + 3/8-inch gypsum wallboard	35
Double 1/2-inch gypsum wallboard	40

For SI: 1 inch = 25.4 mm.

a. These values apply only when membranes are installed on framing members which are spaced 16 inches o.c. or less.

b. Gypsum wallboard installed over framing or furring shall be installed so that all edges are supported, except 5/8-inch Type X gypsum wallboard shall be permitted to be installed horizontally with the horizontal joints staggered 24 inches each side and unsupported but finished.

c. On wood frame floor/ceiling or roof/ceiling assemblies, gypsum board shall be installed with the long dimension perpendicular to framing members and shall have all joints finished.

d. The membrane on the unexposed side shall not be included in determining the fire resistance of the assembly. When dissimilar membranes are used on a wall assembly, the calculation shall be made from the least fire-resistant (weaker) side.

e. The time assigned is not a finished rating.

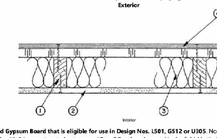
4 TIME ASSIGNED TO WALLBOARD MEMBRANES

August 4, 2023

Design No. **V302**
(Exposed to Fire on Interior Face Only)
Bearing Wall Rating — 1 HR
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide XHJV or XHJV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Exterior



1. **Wood Studs —** Nom 2 by 4 in., spaced 16 in. OC.
2. **Gypsum Board* — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. U501, GS12 or U305.** Nom. 5/8 in. thick (min) 4 ft wide bearing the UL Class fication Marking for Fire Res istance ap plied vertically. Attached to studs with 6d cement coated nai s spaced 7 in. OC at the edges and in the field. Vertical joints located over studs. Joints covered with paper tape and joint compound. Nail heads covered with joint compound.
GAUX MANUFACTURING LLC (View Classification) — CKXX.R25870
AMERICAN GYPSUM CO (View Classification) — CKNX.R14196
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKCX.R13974
CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3650
CGC INC (View Classification) — CKNX.R19151
CERTAINTEED GYPSUM INC (View Classification) — CKNX.R10480
GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2712
GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKCX.R8987
NATIONAL GYPSUM CO Dallas Location — CKNX.R1505
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKXX.R7084
PANEL REY S A (View Classification) — CKNX.R7796
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKCX.R13262
THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R13717
UNITED STATES GYPSUM CO — CKNX.R1319
USG MEXICO S A DE C V (View Classification) — CKNX.R16109
3. **Batts and Blankets* —** Min 3-1/2 in. mineral wool batts p aced to fil cavity of wall.
See **Batts and Blankets** (BZJZ) Category for names of Classified companies.
3A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal cry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product.
Applegate GreenFiber Acquisition LLC — Insulmax and SANCTUARY for use with wet or dry application. INSS15LD and INSS41LD are to be used for dry application only.
3B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose fiber. The fiber is applied with water to completely f l the enclosed cavity, in accordance with the application instructions supp ed with the product. The minimum dry density shall be 4.30 lbs/ft³.
INTERNATIONAL CELLULOSE CORP — Cellu-fil.
4. **Building Units* —** Consisting of 7/16-in. thick PS-2 rated oriented strand board (OSB) as cover board bonded to rigid 1/2 in. to 2 in. thick polyisocyanurate insulation, installed vertically with vertical joints located over studs. Fastened to studs with min. 10d galvanized nai s, 2-7/8 in. long, spaced 6 in. OC at edges and 12 in. OC in the fie d. Length of nails to be such that they engage with studs minimum 1-3/8 in.
HUBER ENGINEERED WOODS L L C — ZIP System ® R Sheathing
4A. **Building Units* —** Dust Sheets - Optional - for use over Building Units, Item 4) Consisting of fiberbound, or vented strand board (OSB) or plywood bonded to rigid polyisocyanurate ins ulation, installed vertically with vertical joints located over studs. May be used with any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's installation instructions.
HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci N/S", "Xc P/"
RNAX, A BUSINESS UNIT OF SIKA CORPORATION — Types Thermashan-S, ECOBASE®, TECOMAX® Ply, Thermaflex-C, TECOMAX® Ply"
5. **Foamed Plastic* —** (Not Shown) - Optional — For use over Building Units, Item 4) — Polyisocyanurate foamed plastic boards, any thickness, applied vertically with vertical jo nts located over studs. To be used with any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's installation instructions.
HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xc Class A", "Xci 2.85", "Xci Roll Class A", "Xci GS", "Xci Roll", "Xci CG NH", "Xci Foil NH"
5A. **Foamed Plastic* —** (Not Shown - Optional — For use over Building Units, Item 4) — 1 in. thick rigid polyisocyanurate insulation attached to studs with 1-1/2 in. long galvanized roofing nails. To be used with any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's instal lation instruct ons.
ATLAS MOLDED PRODUCTS, A DIVISION OF ATLAS ROOFING CORPORATION — Type Thermo Stor

6 1 HR. EXTERIOR (ASYMMETRICAL) WALL

August 30, 2023

Design No. **U355**
(Exposed to Fire On Interior Face Only)
Bearing Wall Rating — 1 Hr
Finish Rating — 23 Min
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide XHJV or XHJV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

1. **Wood Studs —** Nom 2 by 4 in. spaced 16 in. OC. Cross braced at midheight and effectively firestopped at top and bottom of wall.
2. **Batts and Blankets* —** Unfaced glass fiber batts, min 3-1/2 in. thick, min density of 0.72 pcf, pressure fit in wall cavities between studs and cross bracing. See **Batts and Blankets*** (BZJZ) category for names of Classified Companies.
2A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 2) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product.
Applegate GreenFiber Acquisition LLC — Insulmax and SANCTUARY for use with wet or dry application. INSS15LD and INSS41LD are to be used for dry application only.
2B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 2) — Spray applied cellu ose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³.
INTERNATIONAL CELLULOSE CORP — Cellu-fil.
3. **Gypsum Board* —** 5/8 in. thick 4 ft wide gypsum boards, paper, glass mat or vinyl surfaced, with beveled, square, or tapered edges, applied vertically. Wallboard nailed 8 in. OC with 6 d cement-coated nails or No. 6 bugle head drywal screws, 1-7/8 in. long.
AMERICAN GYPSUM CO — Types AGX-1 (finish rating 23 min), M-Glass (finish rating 23 min), AGX-1R (finish rating 26 min), Type AG-C, Lightfoc (finish rating 23 min),
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DSC-1 (finish rating 24 min)
CAROT MANUFACTURING INC — Type X (finish rating 23 min), Soft Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Bluegless Exterior Sheathing
CERTAINTEED GYPSUM INC — Type EGRG or Glasfoc (finish rating 23 min), Glasfoc-2, Type X-1 (finish rating 26 min), Sasi-Lite Type X-2, Type LW75, Type C
CGC INC — Type AR (finish rating 26 min), Type C (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SCX (finish rating 26 min), Type WRC (finish rating 26 min), Type WRX (finish rating 26 min), Type SHX (finish rating 26 min), Type ULIX (finish rating 26 min), Type ULIX Joint tape and compound, Item 5, optional for use with Type USGX) Type WRX (finish rating 26 min), Type WRC (finish rating 26 min)
GEORGIA-PACIFIC GYPSUM L L C — Types DGG (finish rating 20 min), Type DGFS (finish rating 20 min), Type GRFSI (finish rating 20 min), Type GRFS2 (finish rating 20 mm), Type GPF56 (finish rating 26 min), Type DFS, Type DAR- Type DD (finish rating 20 min), Type DAFC, (.5 (finish rating 23 min), Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing DPX-Type X, Soffit-Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min), Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGWX, Sheathing Type- DGWX Soffit-Type DGLW, Type LWZX, Veneer Plaster Base - Type LWZX, Water Rated - Type LWZX, Sheathing - Type LWZX, Soffit - Type LWZX, Type DGLZW, Water Rated - Type DGLZW, Sheathing - Type DGLZW
NATIONAL GYPSUM CO — Types eXP-C, Type FSK (finish rating 20 min), FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), FSW-5, Type FSW-4 (finish rating 20 min), Type FSW-8, Type FSW-G (finish rating 20 min), FSK-C, FSW-C or Type FSW/R-C, Type FSL (finish rating 24 min), RSX.
NATIONAL GYPSUM CO — Nyquik, Saudi Arabia — Type PB, or PR.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), Types PC-7W, PG-5W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-2WS, PG-3WS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min), PG-11, Type PG-C, Type PGG-WPS, Type PGF
PANEL REY S A — Types DREX, GRX, PRX, RHZ, MDX, ETX, PRC or PRZ
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Types DX (finish rating 20 min)
THAI GYPSUM PRODUCTS PCL — Type TG
UNITED STATES GYPSUM CO — Type AR (finish rating 26 min), Type C (finish rating 26 min), Type FRX-G (finish rating 23 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SCX (finish rating 26 min), Type SHX (finish rating 26 min), Type SHC (finish rating 26 min), Type ULIX (finish rating 26 min), Type ULIX Joint tape and compound, Item 5, optional for use with Type USGX) Type WRX (finish rating 26 min), Type WRC (finish rating 26 min)
USG BORAL DRYWALL SPZ LLC — Types SCX, SCX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX)
USG MEXICO S A DE C V — Type AR (finish rating 26 min), Type C (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SCX (finish rating 26 min), Type SHX (finish rating 26 min), Type WRC (finish rating 26 min), Type WRX (finish rating 26 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min), Type ULIX (finish rating 26 min), Type USGX (joint tape and compound, Item 5, optional for use with Type USGX)
3A. Gypsum Board* — (As an alternate to Item 3 — (Not Shown) — 5/8 in. thick 4 ft. wide gypsum panels, with beveled, square, or tapered edges, applied vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type-W coarse thread gypsum panel steel screws spaced a max 8 in. OC. with last screw 1 in. from edge of board.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, Lightfoc
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DSC-1
CERTAINTEED GYPSUM INC — Type C, Type X-1, Sasi-Lite Type X-2
CGC INC — Type AR, Type C, Type IPC, Type IP-X1, Type SCX, Type SHX, Type WRC, Type WRX, Type IP-AR, Type IPC-AR, Type ULIX, Type ULIX
GEORGIA-PACIFIC GYPSUM L L C — GreenGlass Type X, Type DGG
NATIONAL GYPSUM CO — Types eXP-C, Type FSK-G, Type FSW-G, Type FSW-C, Type FSW/R-C, Type FSL, Type RSX.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types PG-2, PG-3, PG-5, PG-9, PG-11, Type PG-C, Type PGG-WPS, Type PGF
PANEL REY S A — Types DREX, GRX, PRX, RHZ, MDX, ETX, PRC or PRZ
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type DX (finish rating 26 min)
THAI GYPSUM PRODUCTS PCL — Type TG
UNITED STATES GYPSUM CO — Type AR (finish rating 26 min), Type C (finish rating 26 min), Type FRX-G (finish rating 23 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SCX (finish rating 26 min), Type SHX (finish rating 26 min), Type SHC (finish rating 26 min), Type ULIX (finish rating 26 min), Type ULIX Joint tape and compound, Item 5, optional for use with Type USGX) Type WRX (finish rating 26 min), Type WRC (finish rating 26 min)
USG BORAL DRYWALL SPZ LLC — Types SCX, SCX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX)
USG MEXICO S A DE C V — Type AR (finish rating 26 min), Type C (finish rating 26 min), Type IP-X1 (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SCX (finish rating 26 min), Type SHX (finish rating 26 min), Type WRC (finish rating 26 min), Type WRX (finish rating 26 min), Type IP-AR (finish rating 26 min), Type IPC-AR (finish rating 26 min), Type ULIX (finish rating 26 min), Type USGX (joint tape and compound, Item 5, optional for use with Type USGX)
3A. Gypsum Board* — (As an alternate to Items 3 and 3A) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally to one side of the assembly. Secured as described in Item 3. When used in widths other than 48 in., gypsum panels to be applied with the long dimension perpendicular to framing.
CGC INC — Type SHX
UNITED STATES GYPSUM CO — Type FRX -G, SHX
USG MEXICO S A DE C V — Type SHX
3C. Gypsum Board* — (As an alternate to Items 3, 3A and 3B) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
GEORGIA-PACIFIC GYPSUM L L C — GreenGlass Type X, Type DGG