

GENERAL NOTES (GN) 1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS LAN 1 A 2 1 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED. CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED PRIOR TO PROCEEDING WITH WORK IDENTIFIED. < Z 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE - ~ o DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER in A DISCIPLINE DWGS AND WITH NEW WORK. DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION. 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED Revisions # Description Date _____ _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 CIVIL ENGINEERING JOE M. CASTRO JR. S&B INFRASTRUCTURE LTD. 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MEP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 CAMINO REAL WORK FORCE CENTER 1796 IH 35 EAST, PEARSALL, TX 78061 FRIO COUNT BUILDING **ELEVATIONS** IFC SUBMITTAL Scale: As Indicated 020-004-000 PLEASE BE ADVISED: THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, A-200 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA. STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION.

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3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

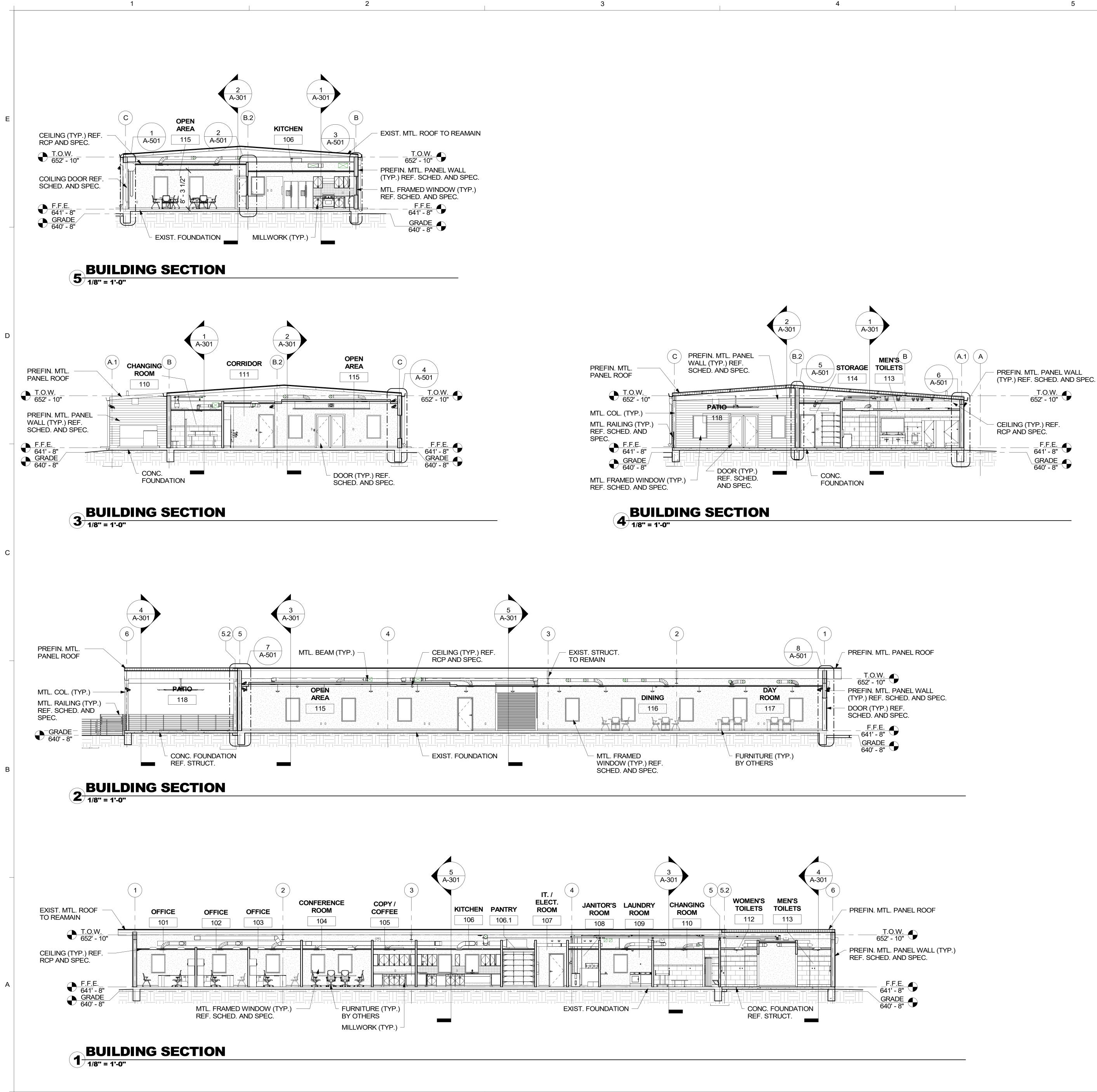
6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH

COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION).

<u>T.O.W.</u> 652' - 10" - MTL. RAILING (TYP.) REF. SCHED. AND SPEC. <u>F.F.E.</u> 641' - 8" GRADE 640' - 8"

T.O.W. 652' - 10"

<u>F.F.E.</u> =641' -_8" GRADE 640' - 8"



2

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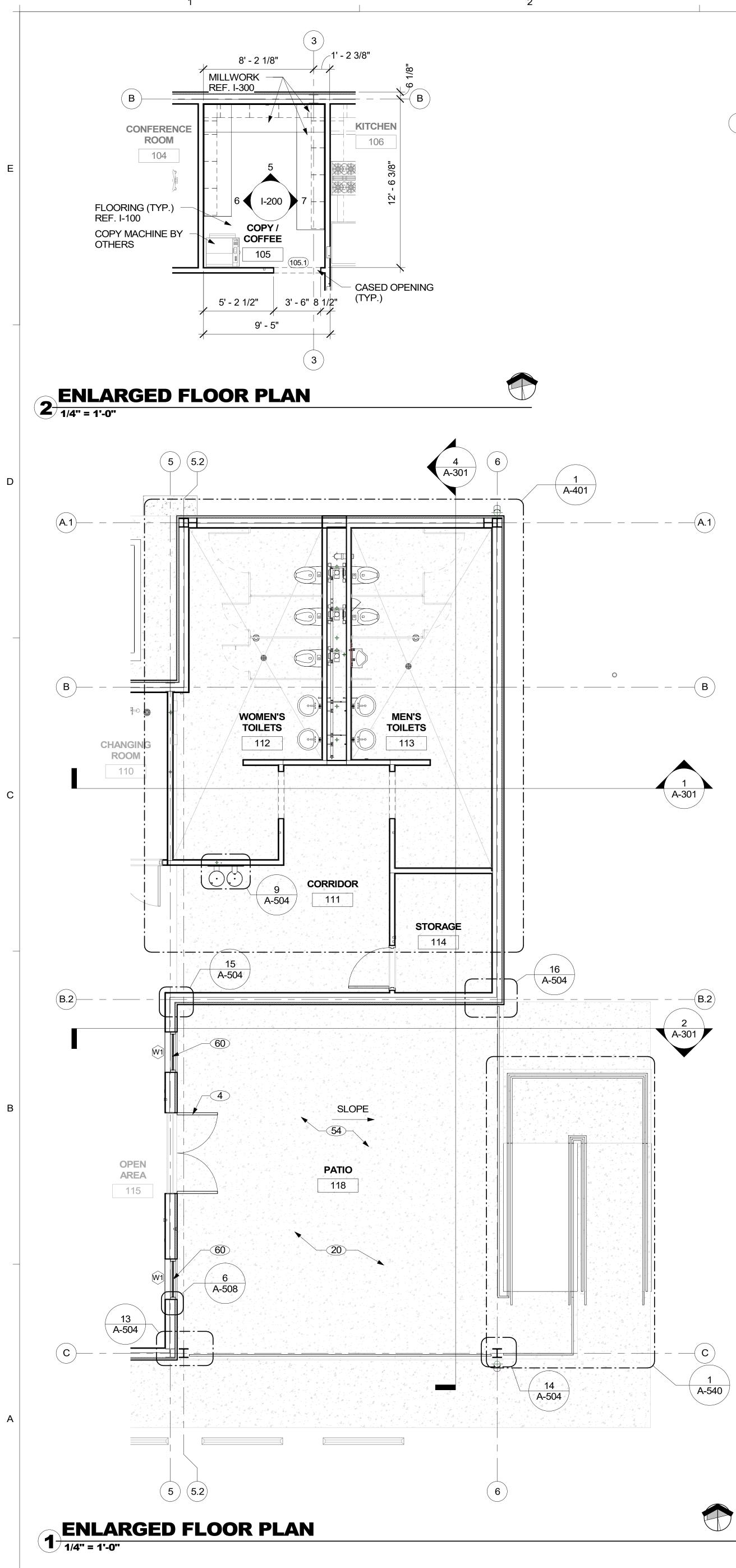
AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION.

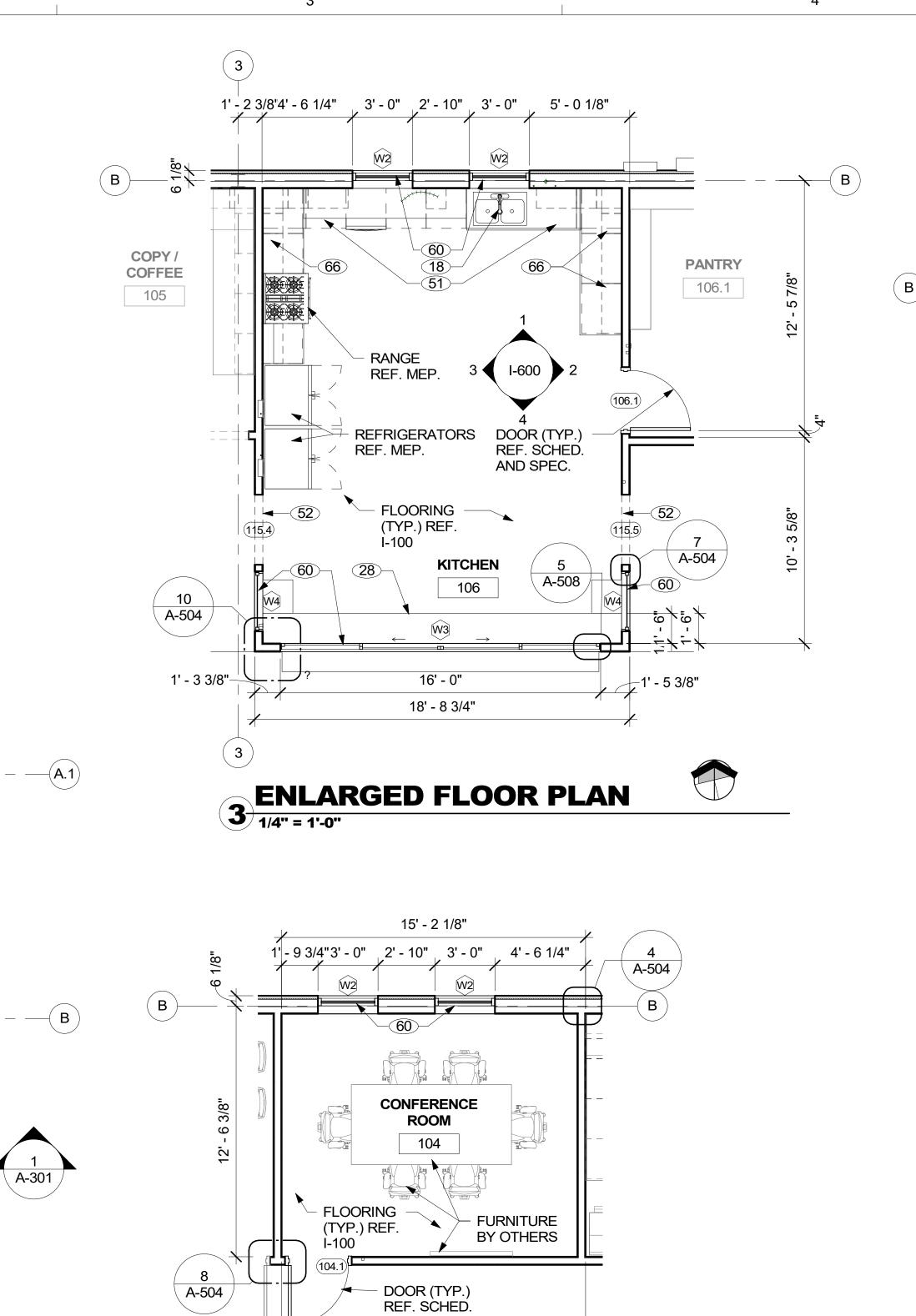
3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH

ADDITIONAL INFORMATION).

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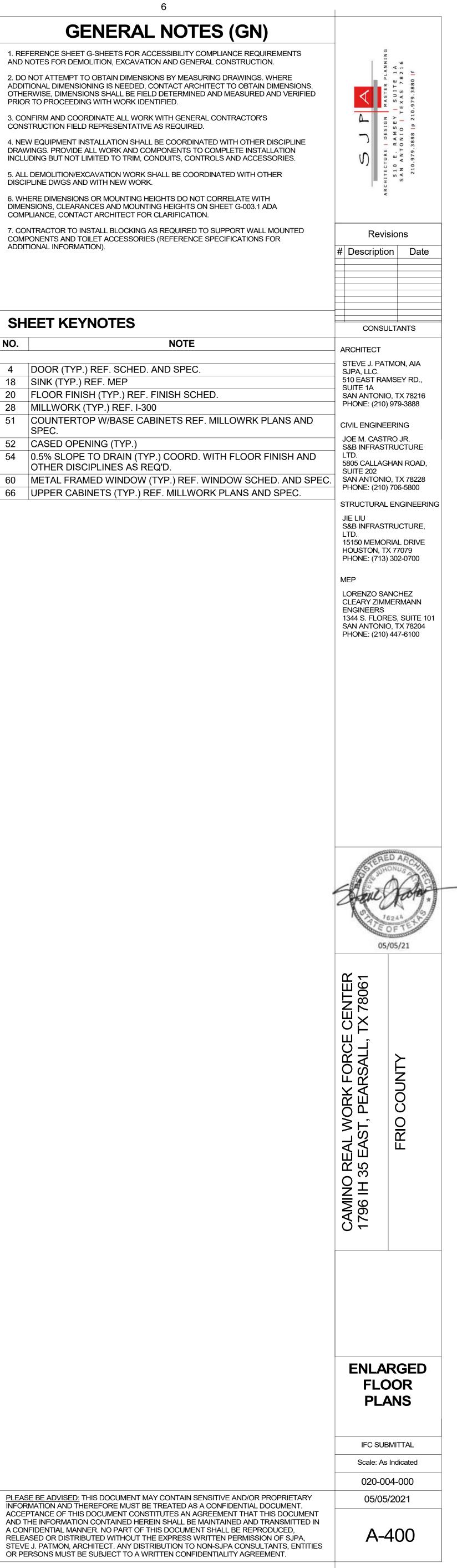


AND SPEC.

14' - 10 1/8"

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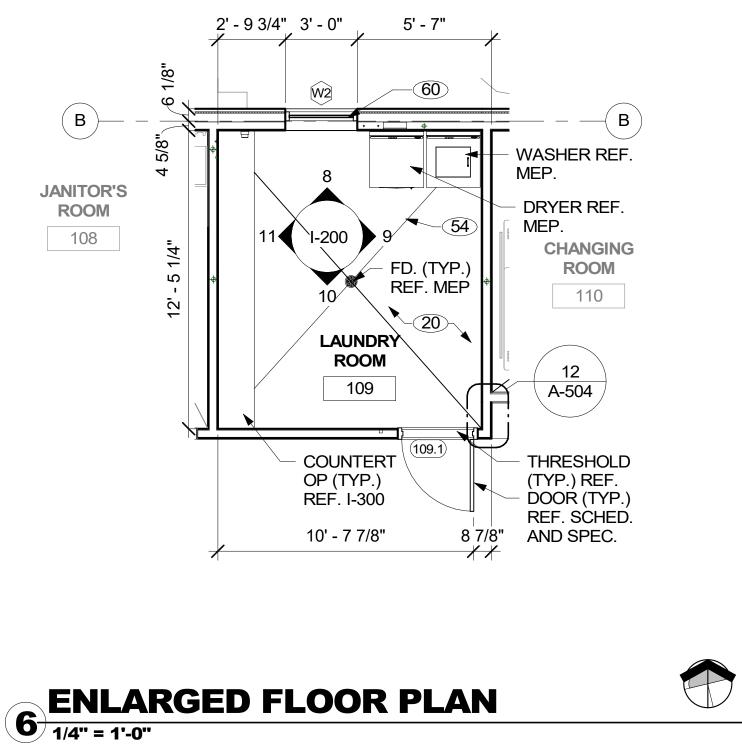
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AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION.

13' - 9 5/8" 6 1/8" 3' - 6 1/8" 3' - 0" 6' - 9 1/4" WINDOW (TYP.) REF. SCHED. A-504 AND SPEC. В FURNITURE WINDOW **BY OTHERS** OFFICE ອ້ (TYP.) REF. OFFICE • SCHED. 102 AND SPEC. 101 - FLOORING -(TYP.) REF. I-100 DOOR (TYP.) REF. SCHED. AND SPEC. 6 1/8"-12' - 6 5/8" 8 7/8' +

ENLARGED FLOOR PLAN 1/4" = 1'-0"

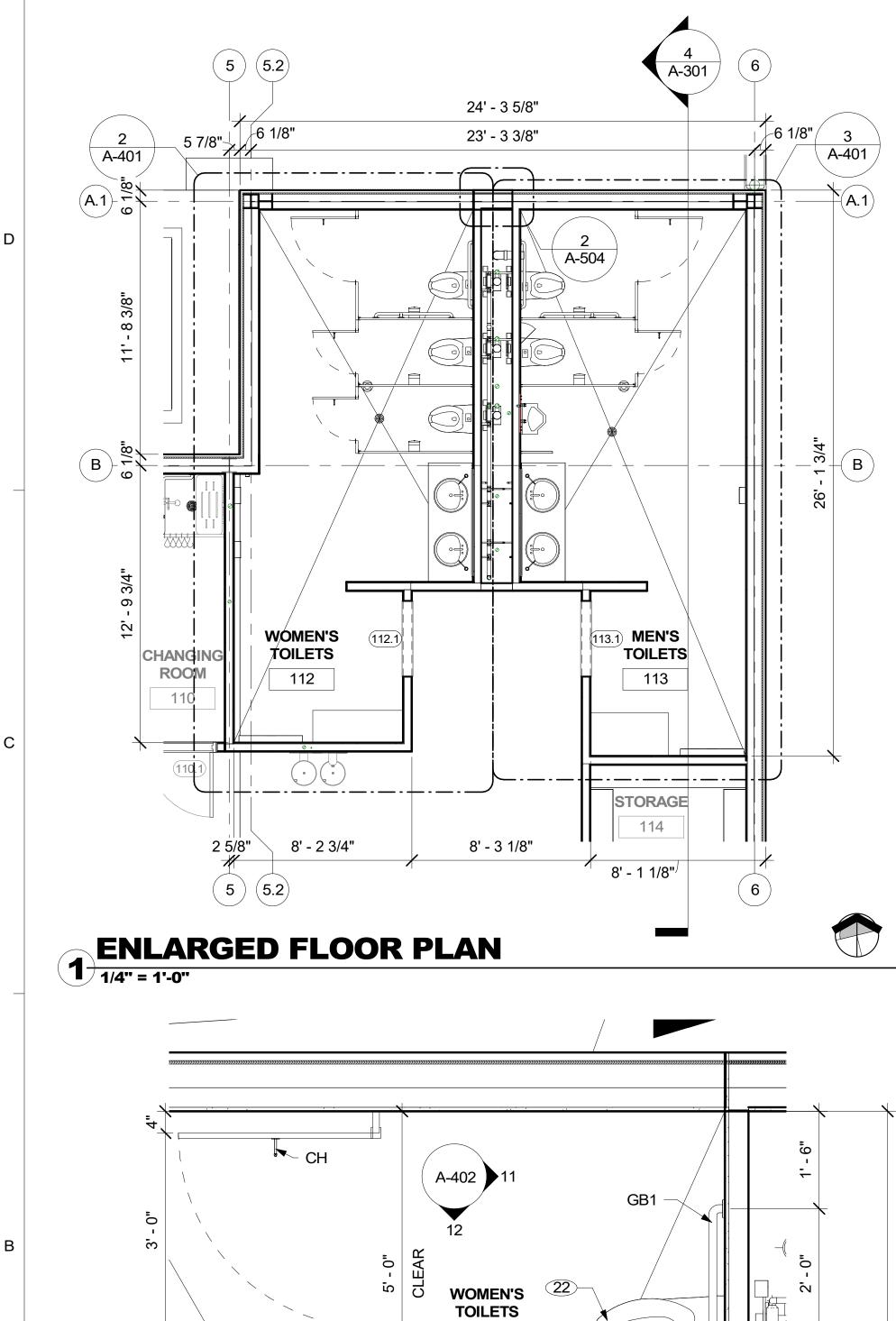


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NO.

4	DOOR (TYP.) REF. SCHED. AND SPEC.
18	SINK (TYP.) REF. MEP
20	FLOOR FINISH (TYP.) REF. FINISH SCHED.
28	MILLWORK (TYP.) REF. I-300
51	COUNTERTOP W/BASE CABINETS REF. MILI SPEC.
52	CASED OPENING (TYP.)
54	0.5% SLOPE TO DRAIN (TYP.) COORD. WITH OTHER DISCIPLINES AS REQ'D.
60	METAL FRAMED WINDOW (TYP.) REF. WIND
66	UPPER CABINETS (TYP.) REF. MILLWORK PI

	1		2 3	4	5
TOIL	LET ACCESSORY SCHEDULE				
`			RDANCE WITH SHEET G-001 AND OTHER APPLICABLE REQUIREMENTS. WHERE DRAWING INFO	,	
MARK		MANUF. / MODEL NO.	DESCRIPTION	MOUNTING I	NFORMATION
В	ADA BENCH (ACCESSIBLE DRESSING ROOM BENCH)	ASI STORAGE SOLUTIONS	42"W x 20"D WOOD BENCH TOP WITH BLACK PAINTED HEAVY DUTY PEDESTALS	FLOOR MOUNTED WITH THE TOP OF BENCH A.F.F. 19" MAX. AND 17" MIN.	
BCS	BABY CHANGING STATION	KKOALA KB 100-ST	RECESS MOUNTED, HORIZONTAL POLYETHYLENE BABY CHANGING STATION WITH STAINLE	SS STEEL FLANGE WALL MOUNTED: MOUNT AT 28 3/4" A.F.F. TO BOTTOM OF UNIT. IF MOUNT	ED IN PATH OF CIRCULATION, MOUNT AT 27' A.F.F. TO BOTTOM OF UNIT.
CH	CLOTHES HOOK	BOBRICK / B-212	SATIN - STAINLESS STEEL CLOTHES HOOK AND BUMPER	48" A.F.F.	
CR	SHOWER ROD	BOBRICK / B-6047	STAINLESS STEEL SHOWER CURTAIN ROD	80" A.F.F.	
GB1	GRAB BAR (36")	BOBRICK / B6806.99X36	SATIN - STAINLESS STEEL 36" GRAB BAR	34" TO CENTERLINE OF BAR	
GB2	GRAB BAR (42")	BOBRICK / B6806.99X42	SATIN - STAINLESS STEEL 42" GRAB BAR	34" TO CENTERLINE OF BAR	
GB3	GRAB BAR (36"W X 18" D)	BRADLEY / 8122-0591836	SAFETY GRIP FINISH-STAINLESS STEEL 36" X 18" GRAB BAR	34" TO CENTERLINE OF BAR	
E GB4	GRAB BAR (18")	BOBRICK / B-6806.99X18	SATIN - STAINLESS STEEL 18" GRAB BAR	MOUNT VERTICALLY. BOTTOM OF BAR MIN HEIGHT 39" AND 41" MAX. CEN	TERLINE 39" MIN FROM REAR WALL AND 41" MAX.
GB5	GRAB BAR (60")	BOBRICK / B-6806.99X60	SATIN - STAINLESS STEEL 60" GRAB BAR	34" TO CENTERLINE OF BAR	
HD	WARM-AIR DRYER	DYSON / AIRBLADE V / HU02 - 307172-01	SPRAYED NICKEL	48" A.F.F. TO CONTROLS	
М	MIRROR UNIT - 60"W x 36"H	BOBRICK / B-290	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME	BOTTOM AT 40" A.F.F.	
MR	MOP AND BROOM HOLDER	BOBRICK / B-223 X36	36" LONG STAINLESS STEEL MOP RACK	48" A.F.F. TO CONTROLS	
SB	FOLDING SHOWER SEAT	ASI AMERICAN SPECIALTIES / 8203-33	REVERSIBLE FOLDING SHOWER SEAT	18" A.F.F.	
SD	SOAP DISPENSER	BOBRICK / B-8226	SATIN - STAINLESS STEEL LAVATORY MOUNTED SOAP DISPENSER	34" A.F.F.	
SN	SANITARY-NAPKIN DISPOSAL UNIT	BOBRICK / B-4354	SATIN - STAINLESS STEEL PARTITION MOUNTED SANITARY NAPKIN DISPOSAL	BOTTOM AT 15" A.F.F.	
Т	TOILET PARTITION	HADRIAN	SATIN - STAINLESS STEEL FLOOR MOUNTED PARTITION	FLOOR MOUNTED	
T1	URINAL SCREEN	HADRIAN	SATIN - STAINLESS STEEL WALL MOUNTED URINAL SCREEN	WALL MOUNTED BOTTOM AT 12" A.F.F. (MOUNT AS REQUIRED BY ACCESS	SIBILITY REGULATIONS AND MANUF.)
TP	TOILET TISSUE DISPENSER	BOBRICK / B-4288	SATIN - STAINLESS STEEL TOILET PAPER DISPENSER - DOUBLE ROLL	BOTTOM AT 15" A.F.F. (MOUNT AS REQUIRED BY ACCESSIBILITY REGULAT	FIONS AND MANUF.)

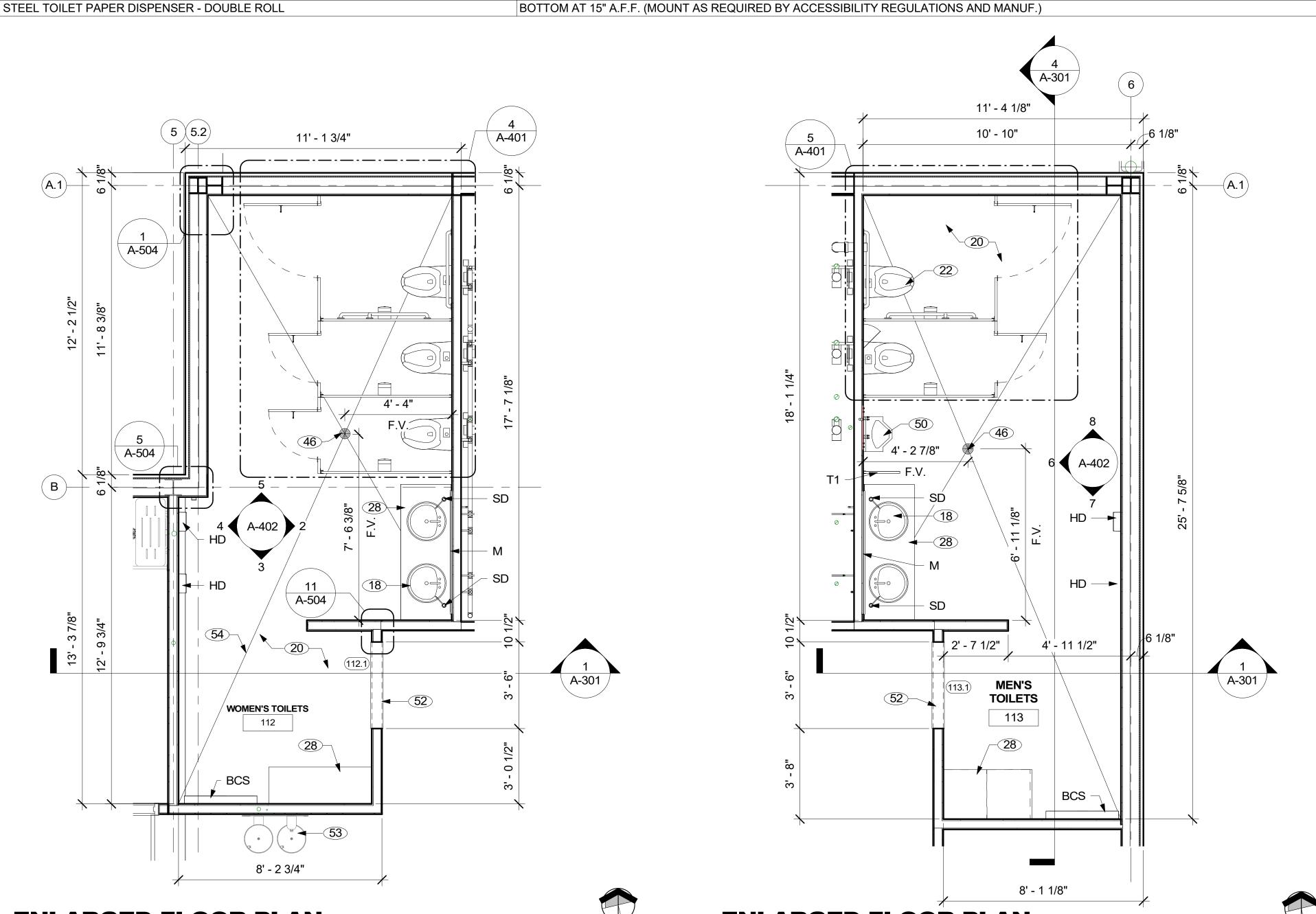


112 GB3 TP CH - <u>ا</u> بر ال [\] CH -∕ 46 TP Τ ¬

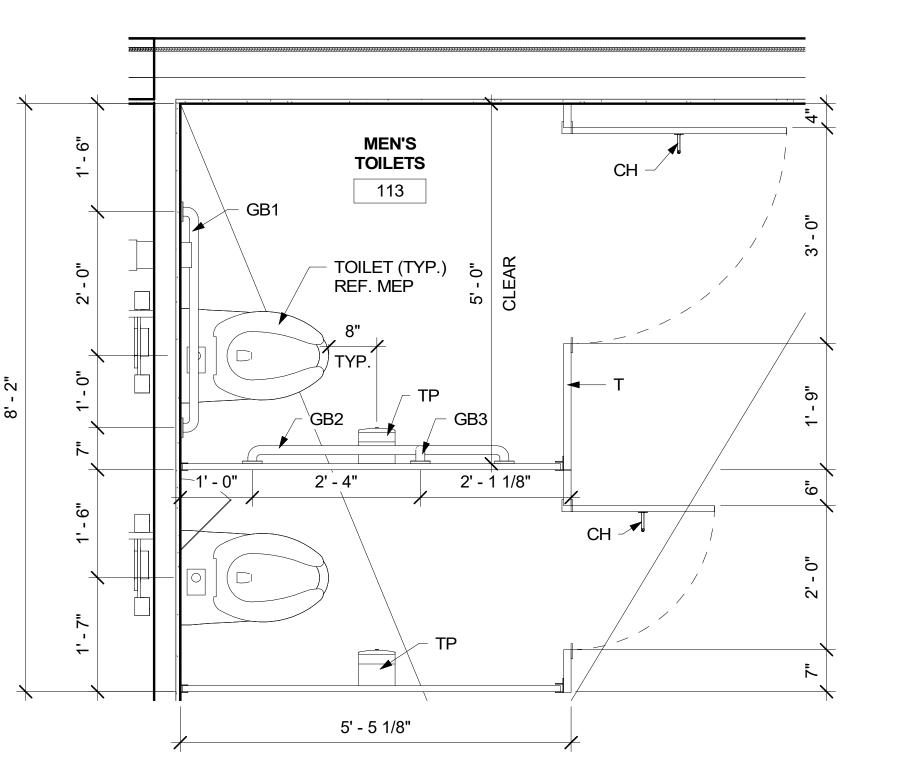
5' - 5 1/8"

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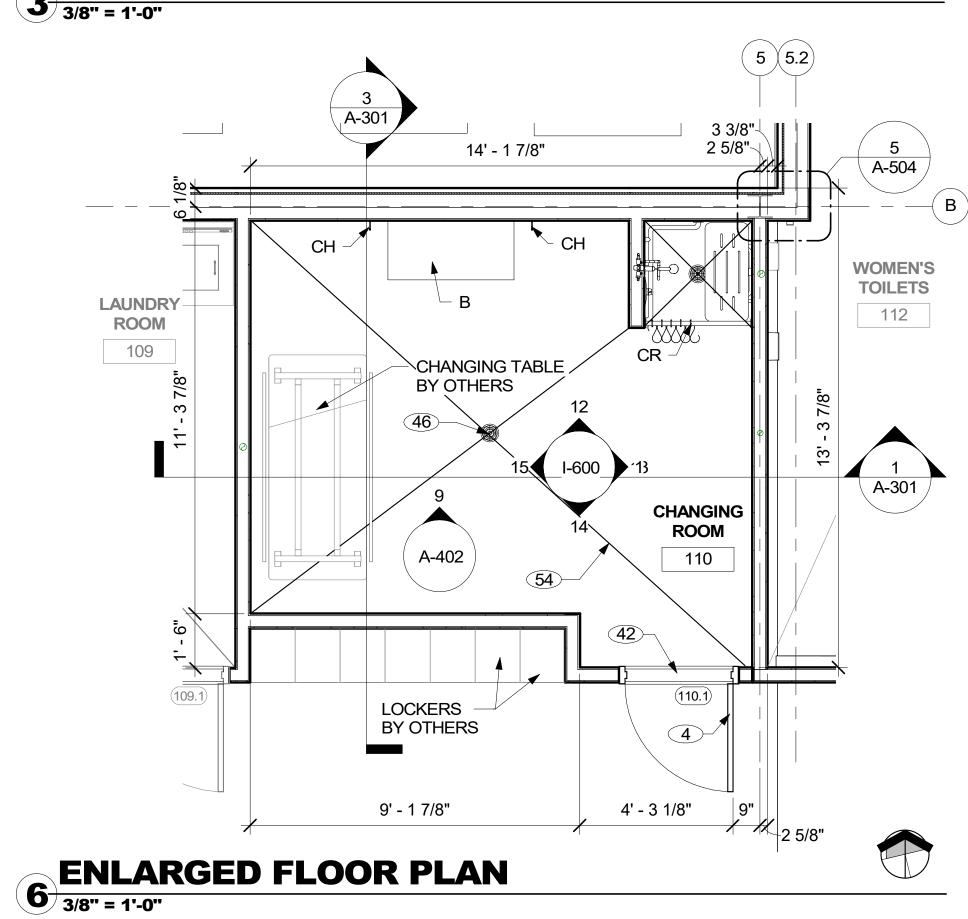
4 SIGNARGED FLOOR PLAN 3/4" = 1'-0"

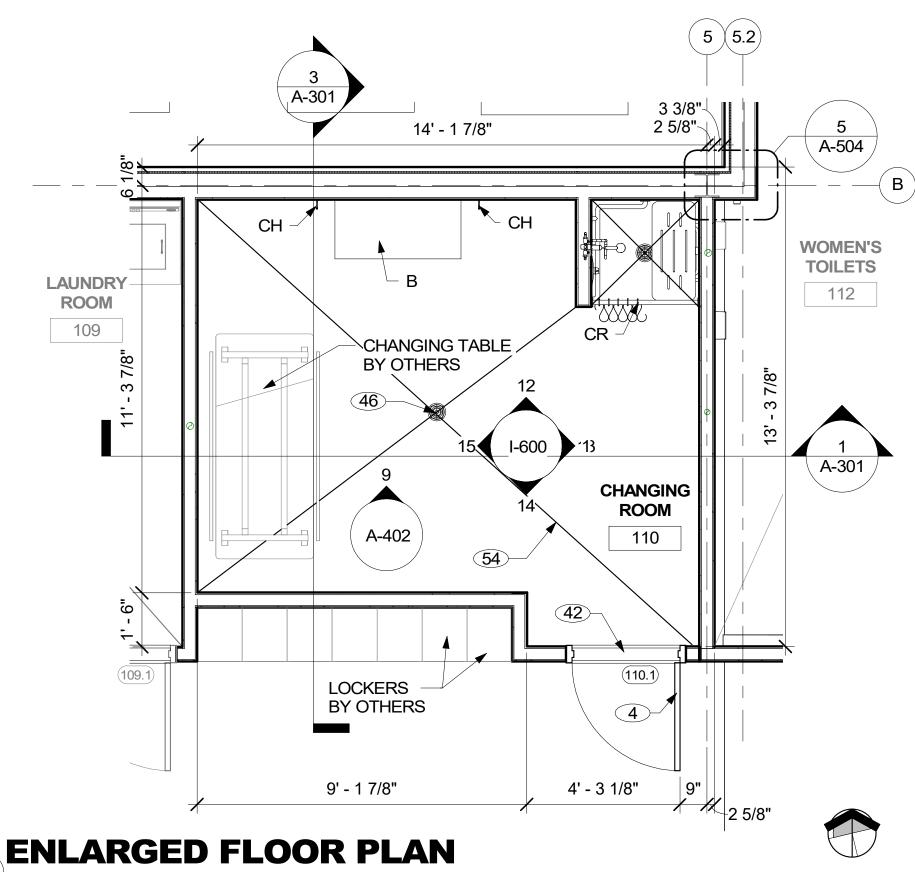


2 ENLARGED FLOOR PLAN 3/8" = 1'-0"



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5 3/4" = 1'-0"

GENERAL NOTES (GN)

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PRIOR TO PROCEEDING WITH WORK IDENTIFIED.

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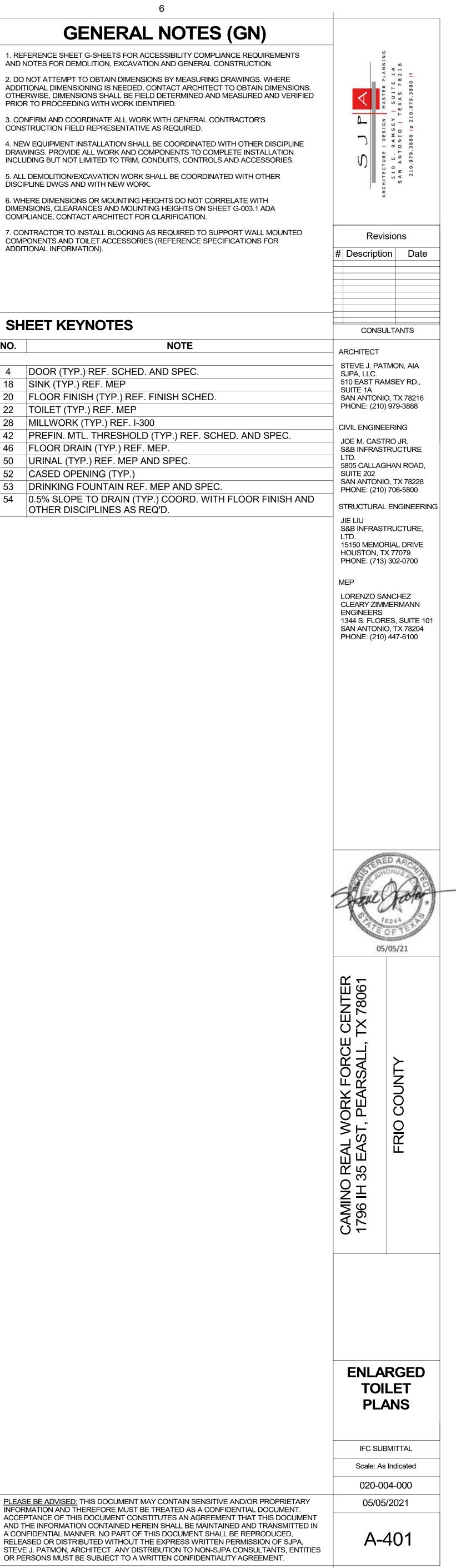
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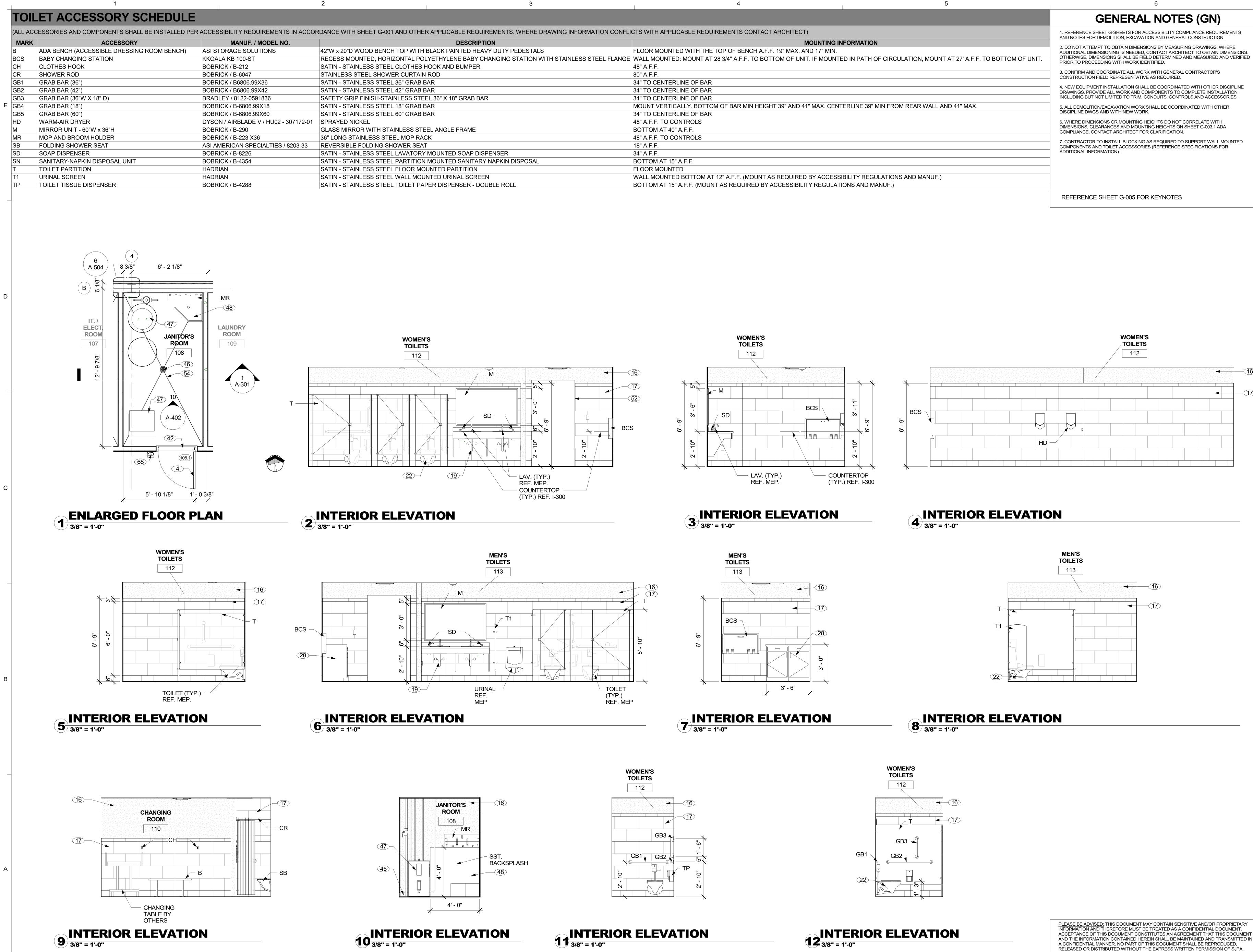
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ENLARGED FLOOR PLAN 3/8" = 1'-0"

SHEET KEYNOTES

NOTE
DOOR (TYP.) REF. SCHED. AND SPEC.
SINK (TYP.) REF. MEP
FLOOR FINISH (TYP.) REF. FINISH SCHED.
TOILET (TYP.) REF. MEP
MILLWORK (TYP.) REF. I-300
PREFIN. MTL. THRESHOLD (TYP.) REF. SCHE
FLOOR DRAIN (TYP.) REF. MEP.
URINAL (TYP.) REF. MEP AND SPEC.
CASED OPENING (TYP.)
DRINKING FOUNTAIN REF. MEP AND SPEC.
0.5% SLOPE TO DRAIN (TYP.) COORD. WITH OTHER DISCIPLINES AS REQ'D.





ET G-001 AND OTHER APPLICABLE REQUIREMENTS. WHERE DRAWING INFORMATION CONFLI	CTS WITH APPLICABLE REQUIREMENTS CONTACT ARCH
DESCRIPTION	
D BENCH TOP WITH BLACK PAINTED HEAVY DUTY PEDESTALS	FLOOR MOUNTED WITH THE TOP OF BENCH A.F.F. 19" M
D, HORIZONTAL POLYETHYLENE BABY CHANGING STATION WITH STAINLESS STEEL FLANGE	WALL MOUNTED: MOUNT AT 28 3/4" A.F.F. TO BOTTOM C
S STEEL CLOTHES HOOK AND BUMPER	48" A.F.F.
SHOWER CURTAIN ROD	80" A.F.F.
S STEEL 36" GRAB BAR	34" TO CENTERLINE OF BAR
S STEEL 42" GRAB BAR	34" TO CENTERLINE OF BAR
SH-STAINLESS STEEL 36" X 18" GRAB BAR	34" TO CENTERLINE OF BAR
S STEEL 18" GRAB BAR	MOUNT VERTICALLY. BOTTOM OF BAR MIN HEIGHT 39"
S STEEL 60" GRAB BAR	34" TO CENTERLINE OF BAR
	48" A.F.F. TO CONTROLS
ITH STAINLESS STEEL ANGLE FRAME	BOTTOM AT 40" A.F.F.
ESS STEEL MOP RACK	48" A.F.F. TO CONTROLS
DING SHOWER SEAT	18" A.F.F.
S STEEL LAVATORY MOUNTED SOAP DISPENSER	34" A.F.F.
S STEEL PARTITION MOUNTED SANITARY NAPKIN DISPOSAL	BOTTOM AT 15" A.F.F.
S STEEL FLOOR MOUNTED PARTITION	FLOOR MOUNTED
S STEEL WALL MOUNTED URINAL SCREEN	WALL MOUNTED BOTTOM AT 12" A.F.F. (MOUNT AS REQ
S STEEL TOILET PAPER DISPENSER - DOUBLE ROLL	BOTTOM AT 15" A.F.F. (MOUNT AS REQUIRED BY ACCES

2

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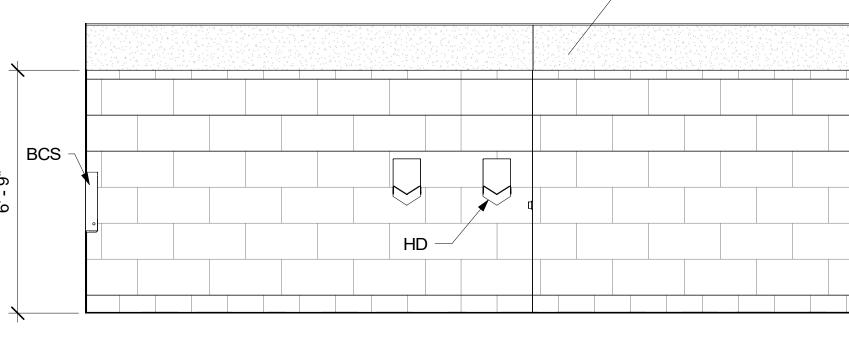
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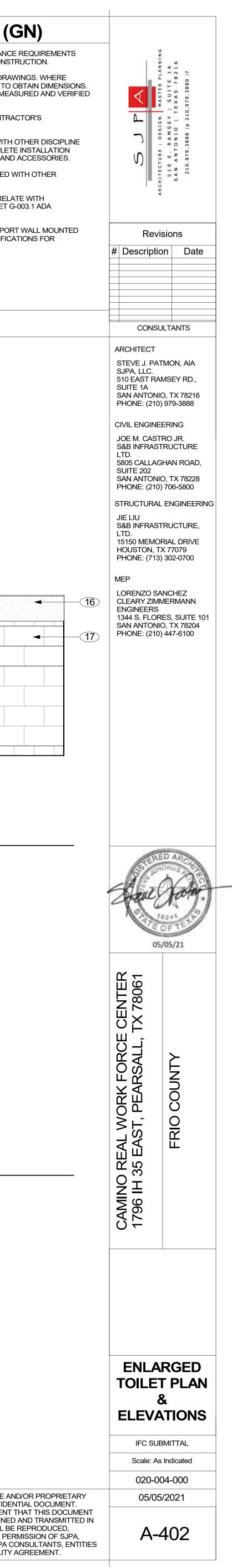
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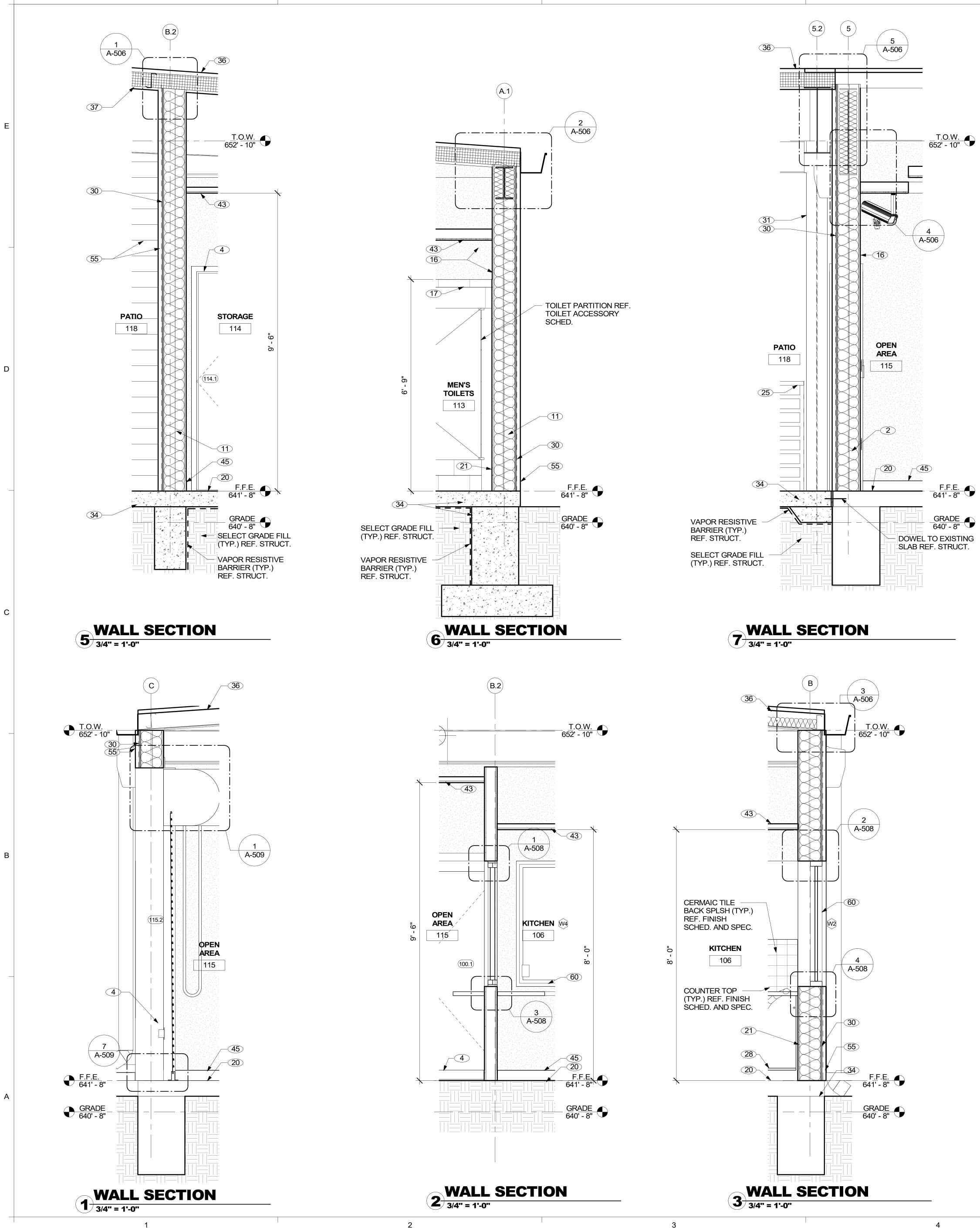
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7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR

REFERENCE SHEET G-005 FOR KEYNOTES







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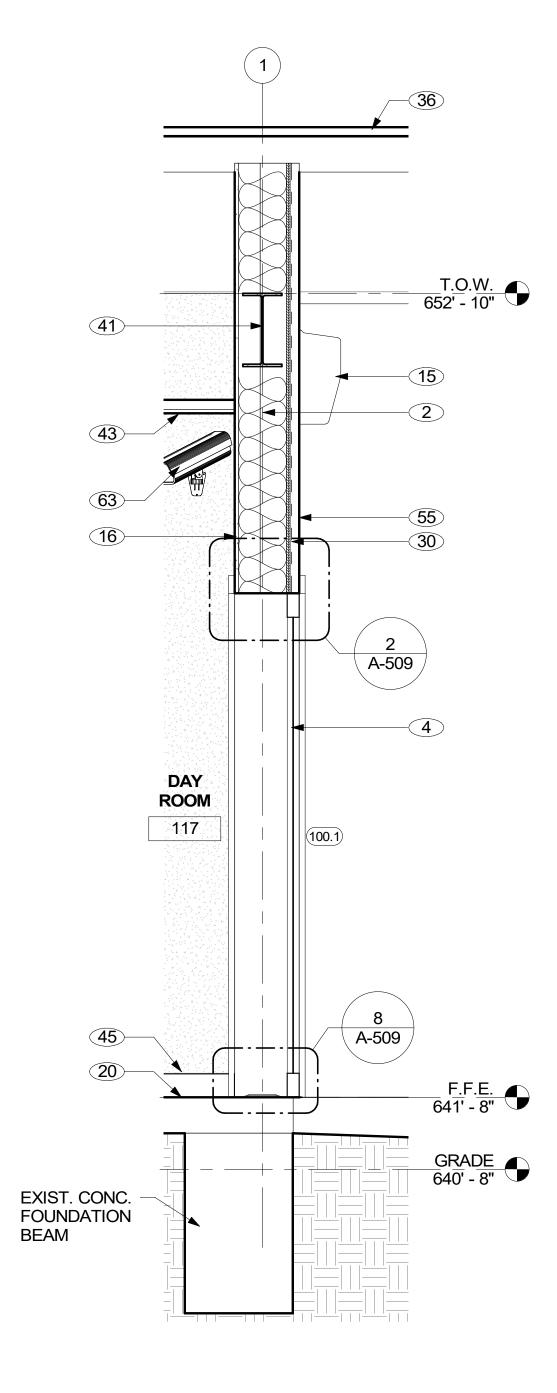
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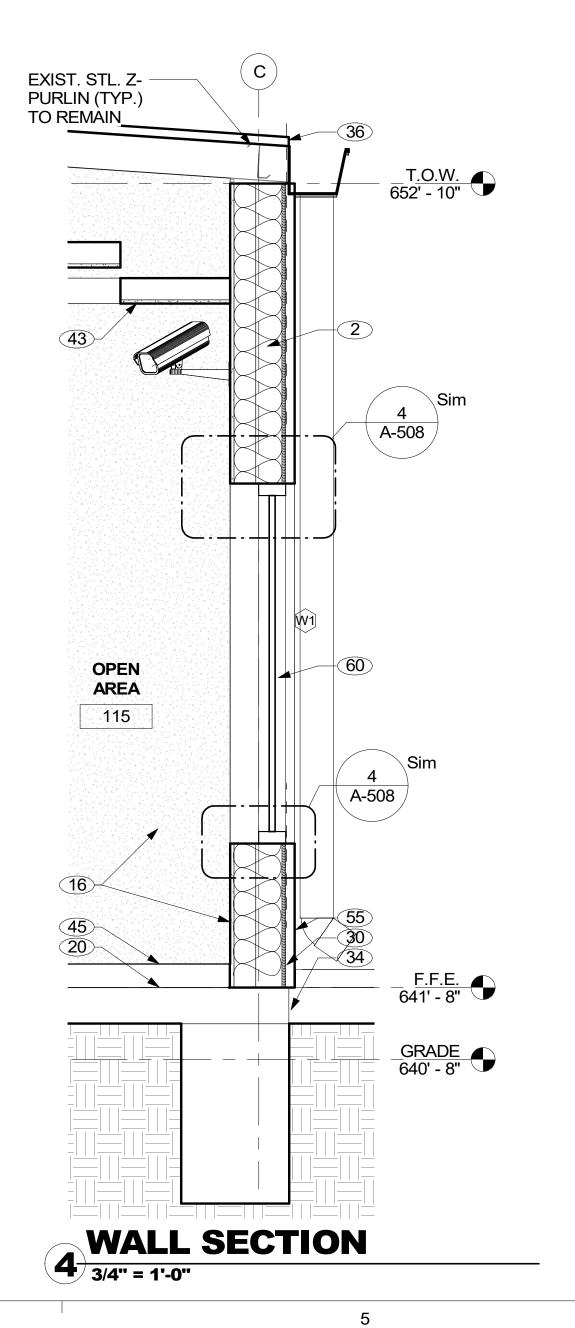
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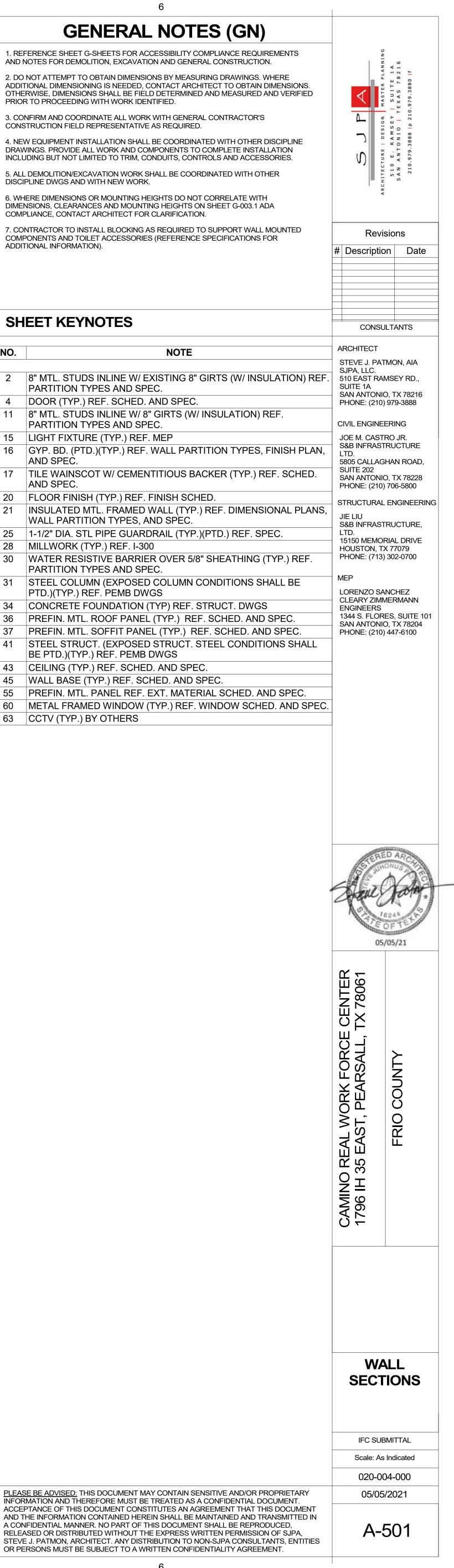
SHEET KEYNOTES

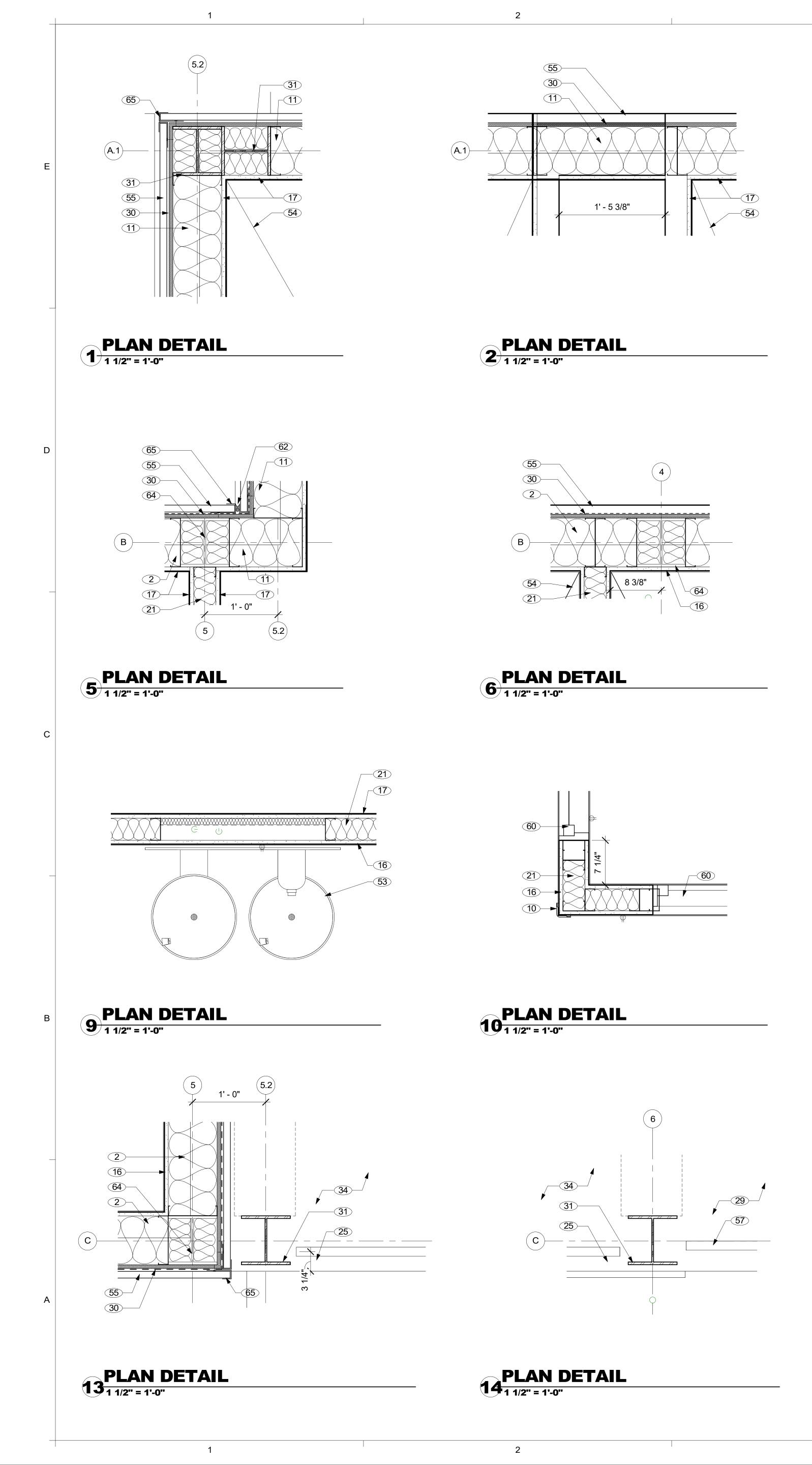
NO.	NOTE
2	8" MTL. STUDS INLINE W/ EXISTING 8" GIRTS PARTITION TYPES AND SPEC.
4	DOOR (TYP.) REF. SCHED. AND SPEC.
11	8" MTL. STUDS INLINE W/ 8" GIRTS (W/ INSUL PARTITION TYPES AND SPEC.
15	LIGHT FIXTURE (TYP.) REF. MEP
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION AND SPEC.
17	TILE WAINSCOT W/ CEMENTITIOUS BACKER AND SPEC.
20	FLOOR FINISH (TYP.) REF. FINISH SCHED.
21	INSULATED MTL. FRAMED WALL (TYP.) REF. WALL PARTITION TYPES, AND SPEC.
25	1-1/2" DIA. STL PIPE GUARDRAIL (TYP.)(PTD.
28	MILLWORK (TYP.) REF. I-300
30	WATER RESISTIVE BARRIER OVER 5/8" SHE PARTITION TYPES AND SPEC.
31	STEEL COLUMN (EXPOSED COLUMN CONDI PTD.)(TYP.) REF. PEMB DWGS
34	CONCRETE FOUNDATION (TYP) REF. STRUC
36	PREFIN. MTL. ROOF PANEL (TYP.) REF. SCH
37	PREFIN. MTL. SOFFIT PANEL (TYP.) REF. SC
41	STEEL STRUCT. (EXPOSED STRUCT. STEEL BE PTD.)(TYP.) REF. PEMB DWGS
43	CEILING (TYP.) REF. SCHED. AND SPEC.
45	WALL BASE (TYP.) REF. SCHED. AND SPEC.
55	PREFIN. MTL. PANEL REF. EXT. MATERIAL S
60	METAL FRAMED WINDOW (TYP.) REF. WINDO
63	CCTV (TYP.) BY OTHERS

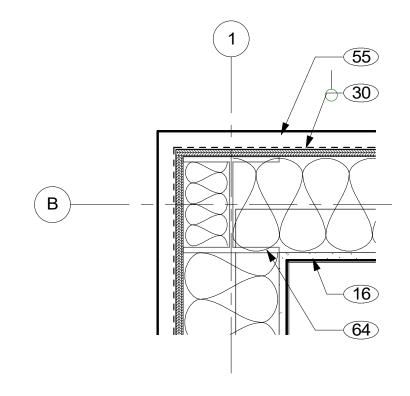




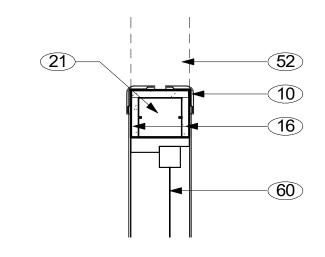




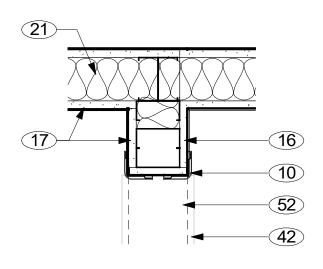




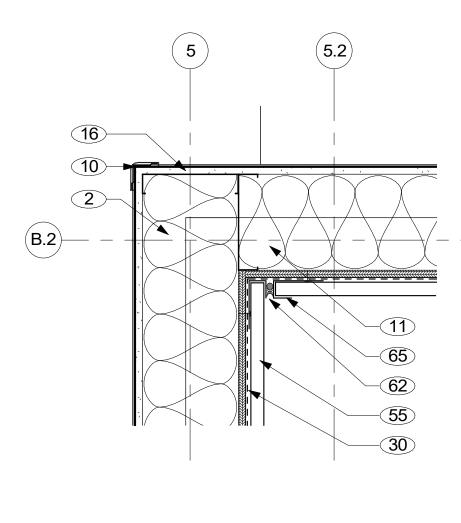




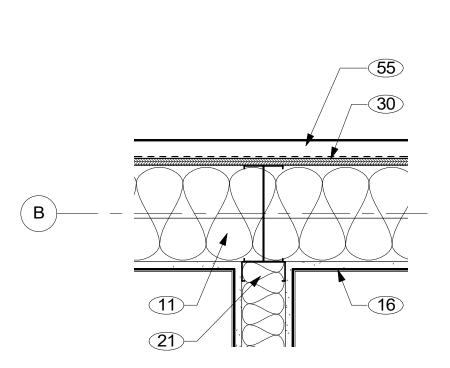






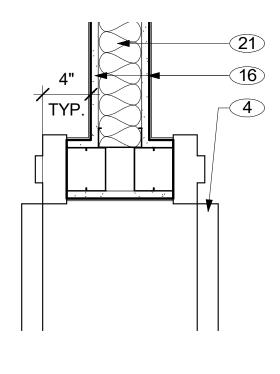




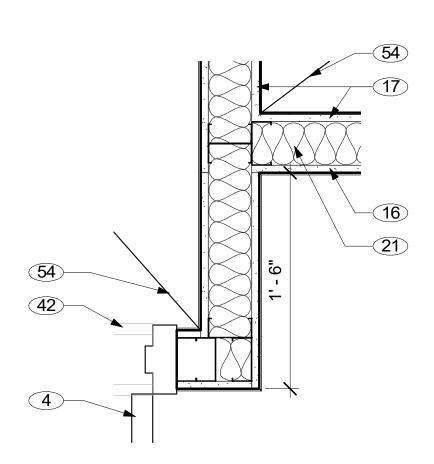


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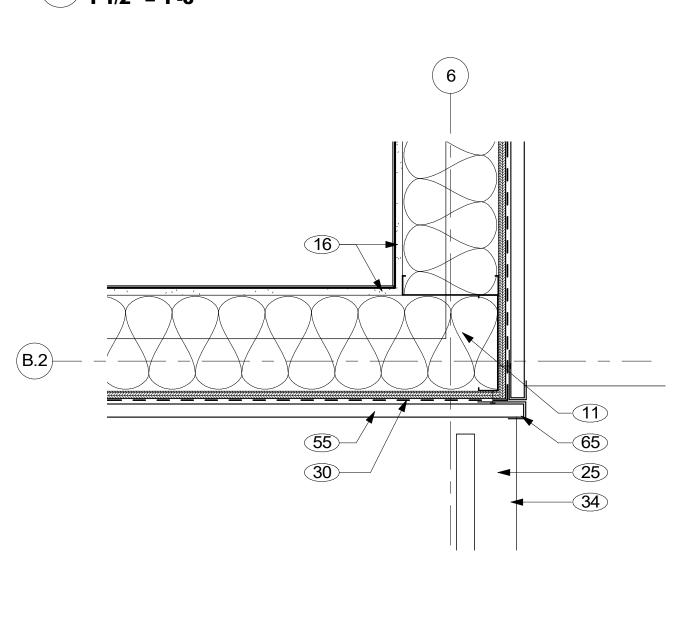
PLAN DETAIL **4**<u>1 1/2" = 1'-0"</u>



PLAN DETAIL 1 1/2" = 1'-0"



12PLAN DETAIL 1 1/2" = 1'-0"



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16PLAN DETAIL 1 1/2" = 1'-0"

GENERAL NOTES (GN)

1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION. 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED, CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED PRIOR TO PROCEEDING WITH WORK IDENTIFIED.

3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER

DISCIPLINE DWGS AND WITH NEW WORK. 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA

COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION. 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR

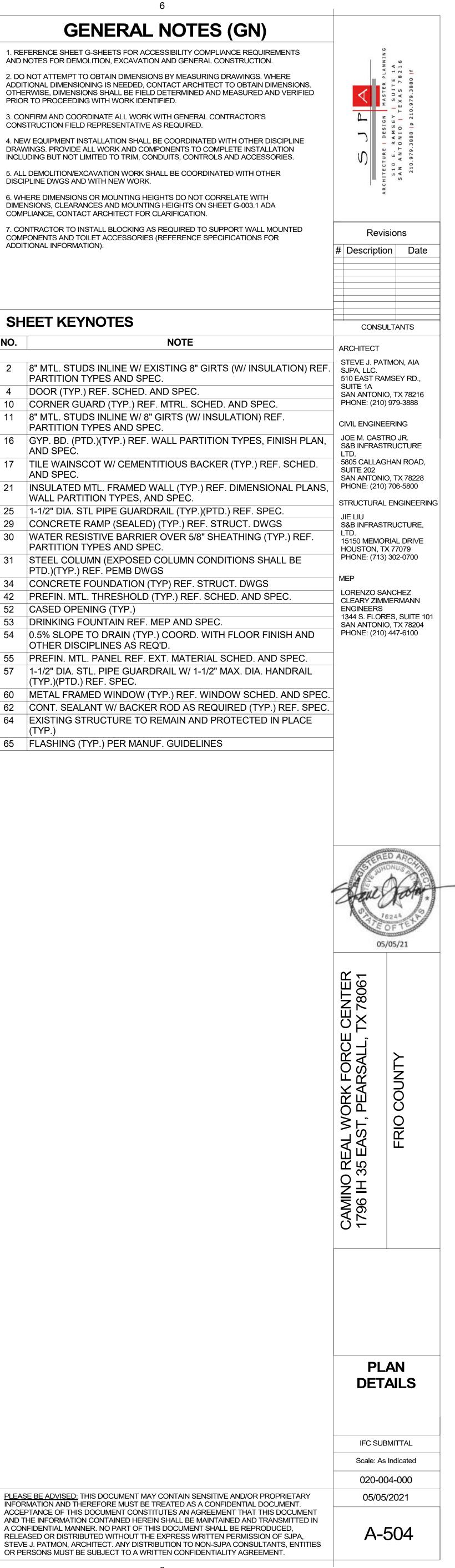
SHEET KEYNOTES

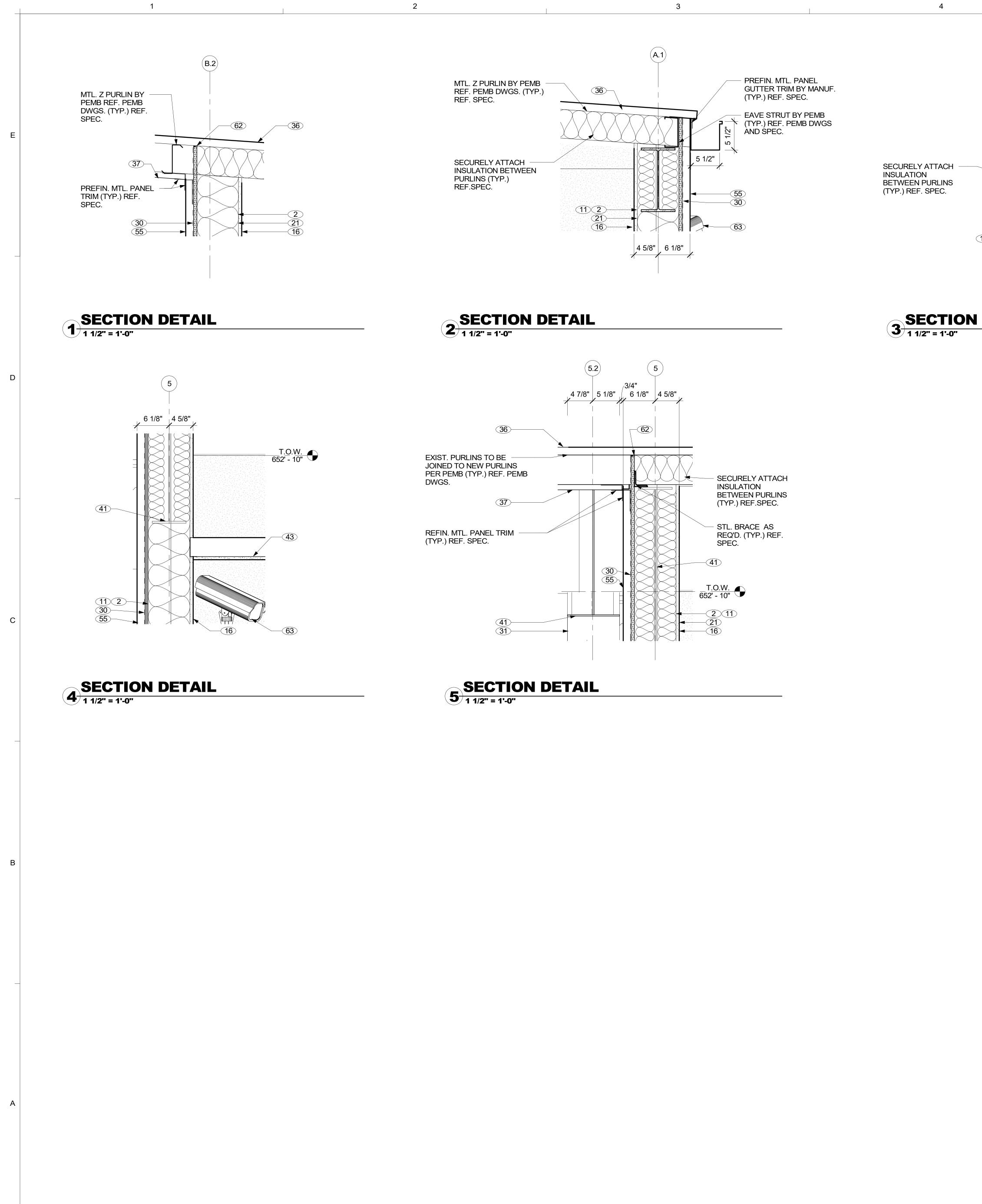
ADDITIONAL INFORMATION).

NO.

NO.	NOTE
	-
2	8" MTL. STUDS INLINE W/ EXISTING 8" GIRTS PARTITION TYPES AND SPEC.
4	DOOR (TYP.) REF. SCHED. AND SPEC.
10	CORNER GUARD (TYP.) REF. MTRL. SCHED.
11	8" MTL. STUDS INLINE W/ 8" GIRTS (W/ INSU PARTITION TYPES AND SPEC.
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION AND SPEC.
17	TILE WAINSCOT W/ CEMENTITIOUS BACKER AND SPEC.
21	INSULATED MTL. FRAMED WALL (TYP.) REF. WALL PARTITION TYPES, AND SPEC.
25	1-1/2" DIA. STL PIPE GUARDRAIL (TYP.)(PTD.
29	CONCRETE RAMP (SEALED) (TYP.) REF. STF
30	WATER RESISTIVE BARRIER OVER 5/8" SHE PARTITION TYPES AND SPEC.
31	STEEL COLUMN (EXPOSED COLUMN CONDI PTD.)(TYP.) REF. PEMB DWGS
34	CONCRETE FOUNDATION (TYP) REF. STRUC
42	PREFIN. MTL. THRESHOLD (TYP.) REF. SCH
52	CASED OPENING (TYP.)
53	DRINKING FOUNTAIN REF. MEP AND SPEC.
54	0.5% SLOPE TO DRAIN (TYP.) COORD. WITH OTHER DISCIPLINES AS REQ'D.
55	PREFIN. MTL. PANEL REF. EXT. MATERIAL S
57	1-1/2" DIA. STL. PIPE GUARDRAIL W/ 1-1/2" M (TYP.)(PTD.) REF. SPEC.
60	METAL FRAMED WINDOW (TYP.) REF. WIND
62	CONT. SEALANT W/ BACKER ROD AS REQU
64	EXISTING STRUCTURE TO REMAIN AND PRO (TYP.)
05	

65 FLASHING (TYP.) PER MANUF. GUIDELINES

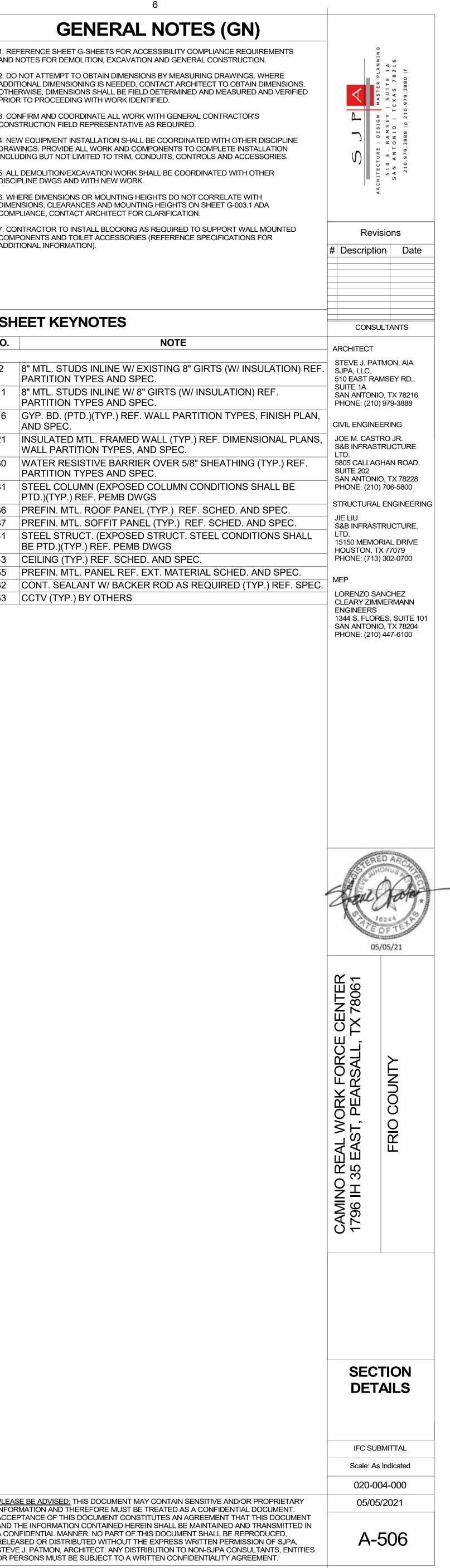


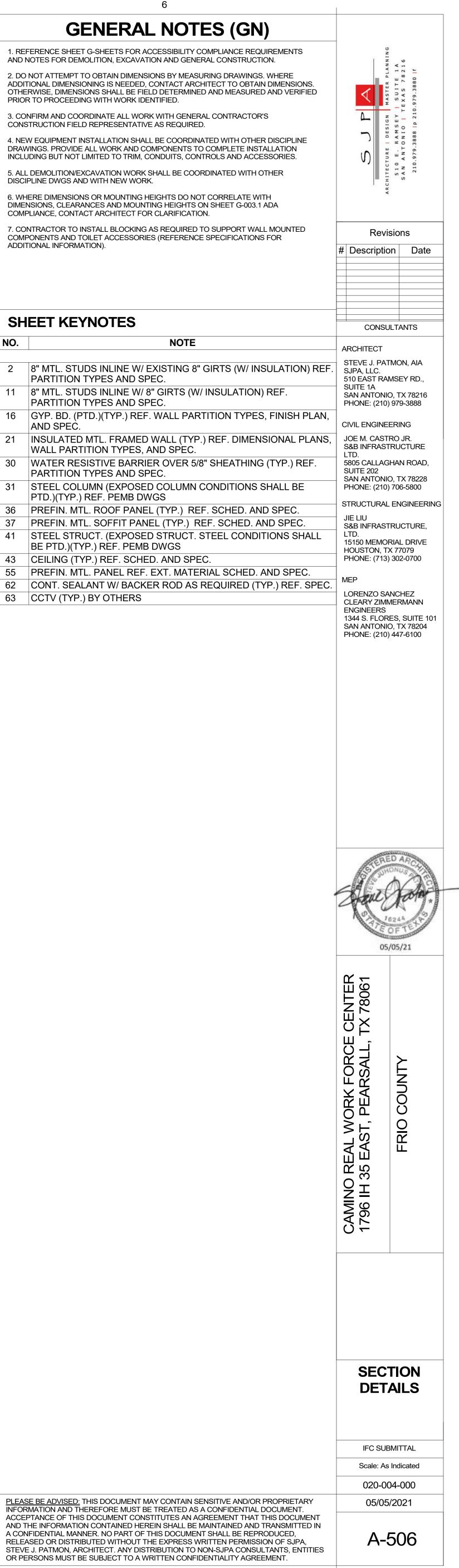


SECTION DETAIL 3 1 1/2" = 1'-0"

4





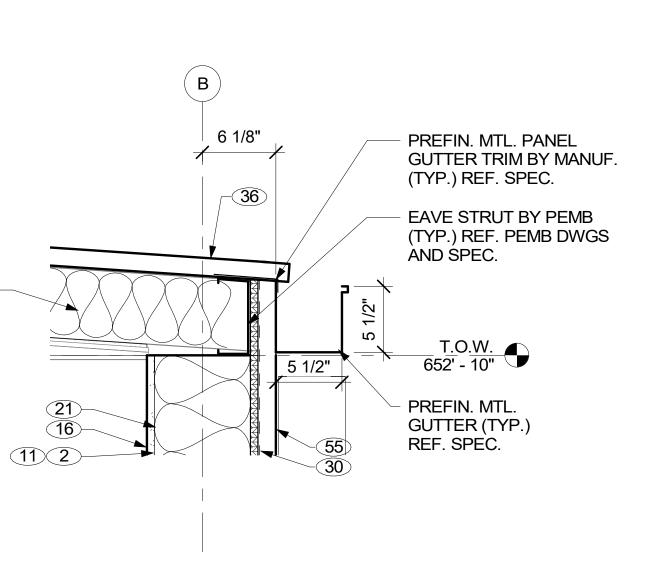


DISCIPLINE DWGS AND WITH NEW WORK.

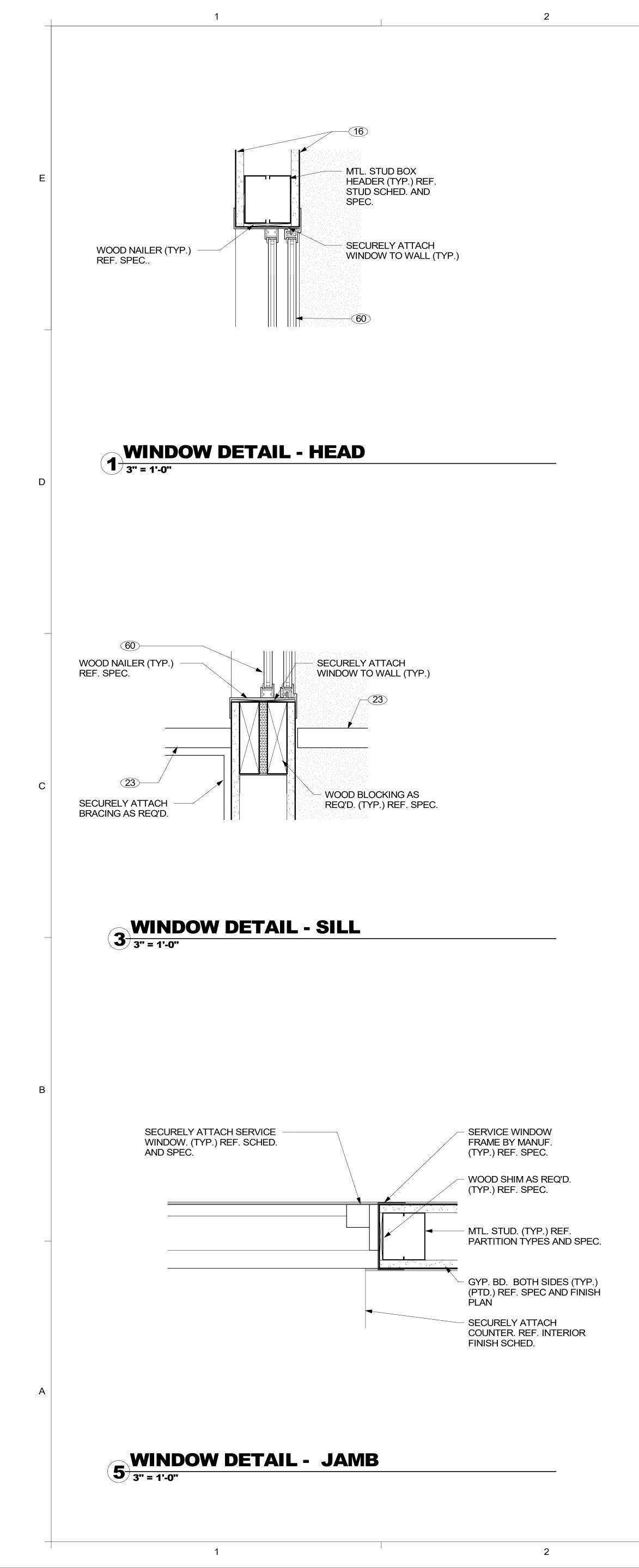
COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.

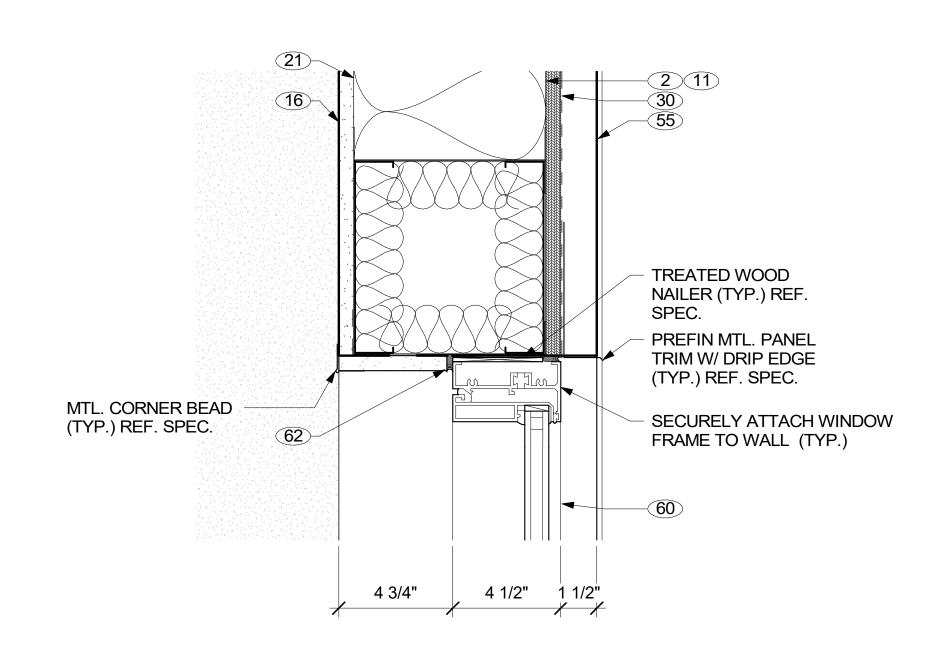
ADDITIONAL INFORMATION).

NO.	NOTE
2	8" MTL. STUDS INLINE W/ EXISTING 8" GIRTS PARTITION TYPES AND SPEC.
11	8" MTL. STUDS INLINE W/ 8" GIRTS (W/ INSU PARTITION TYPES AND SPEC.
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION AND SPEC.
21	INSULATED MTL. FRAMED WALL (TYP.) REF. WALL PARTITION TYPES, AND SPEC.
30	WATER RESISTIVE BARRIER OVER 5/8" SHE PARTITION TYPES AND SPEC.
31	STEEL COLUMN (EXPOSED COLUMN CONDI PTD.)(TYP.) REF. PEMB DWGS
36	PREFIN. MTL. ROOF PANEL (TYP.) REF. SCH
37	PREFIN. MTL. SOFFIT PANEL (TYP.) REF. SC
41	STEEL STRUCT. (EXPOSED STRUCT. STEEL BE PTD.)(TYP.) REF. PEMB DWGS
43	CEILING (TYP.) REF. SCHED. AND SPEC.
55	PREFIN. MTL. PANEL REF. EXT. MATERIAL S
62	CONT. SEALANT W/ BACKER ROD AS REQU
63	CCTV (TYP.) BY OTHERS

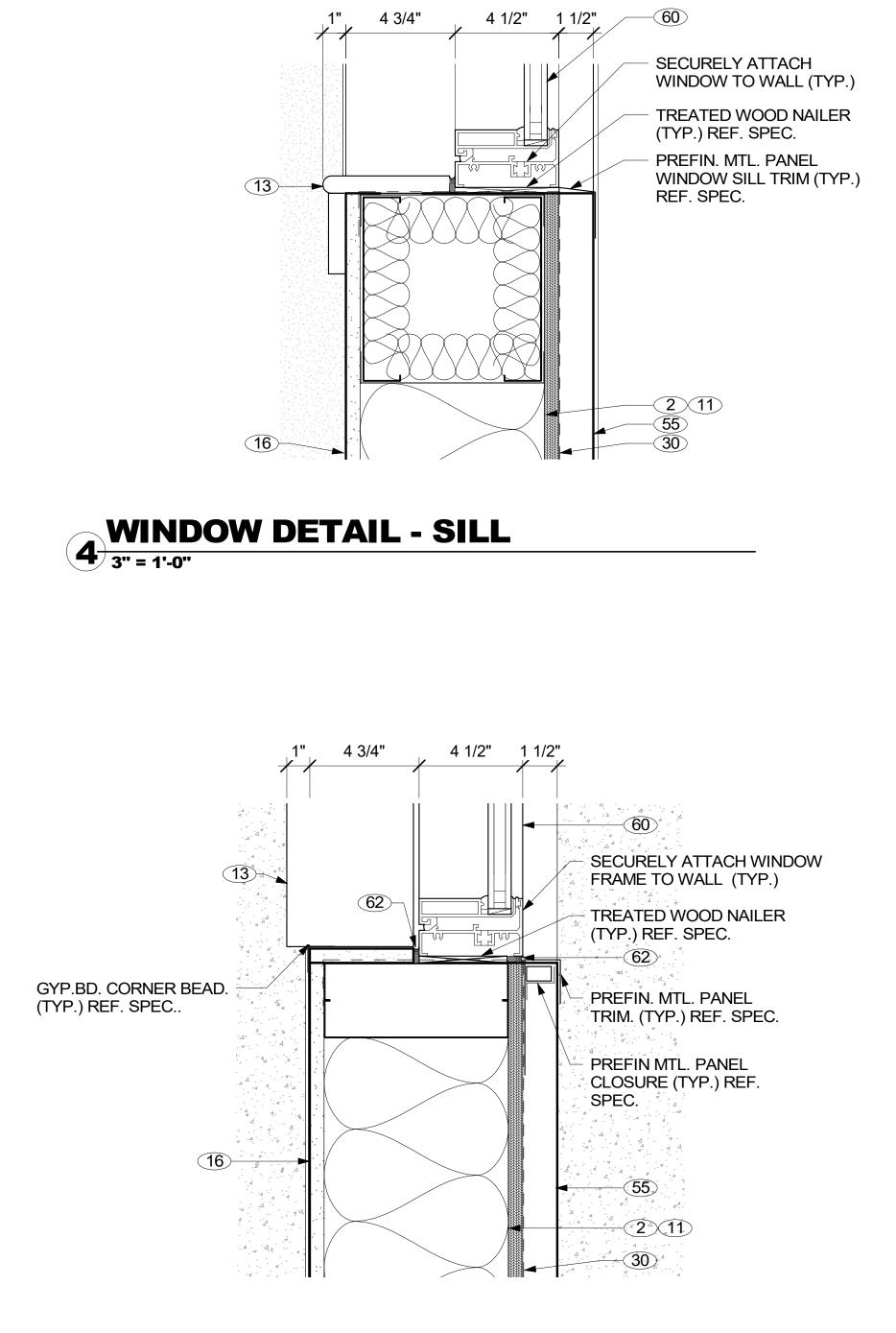


5





2 WINDOW DETAIL - HEAD 3" = 1'-0"



WINDOW DETAIL - JAMB 3" = 1'-0"

3

GENERAL NOTES (GN)

1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION. 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED. CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED PRIOR TO PROCEEDING WITH WORK IDENTIFIED.

3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES.

DISCIPLINE DWGS AND WITH NEW WORK. 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH

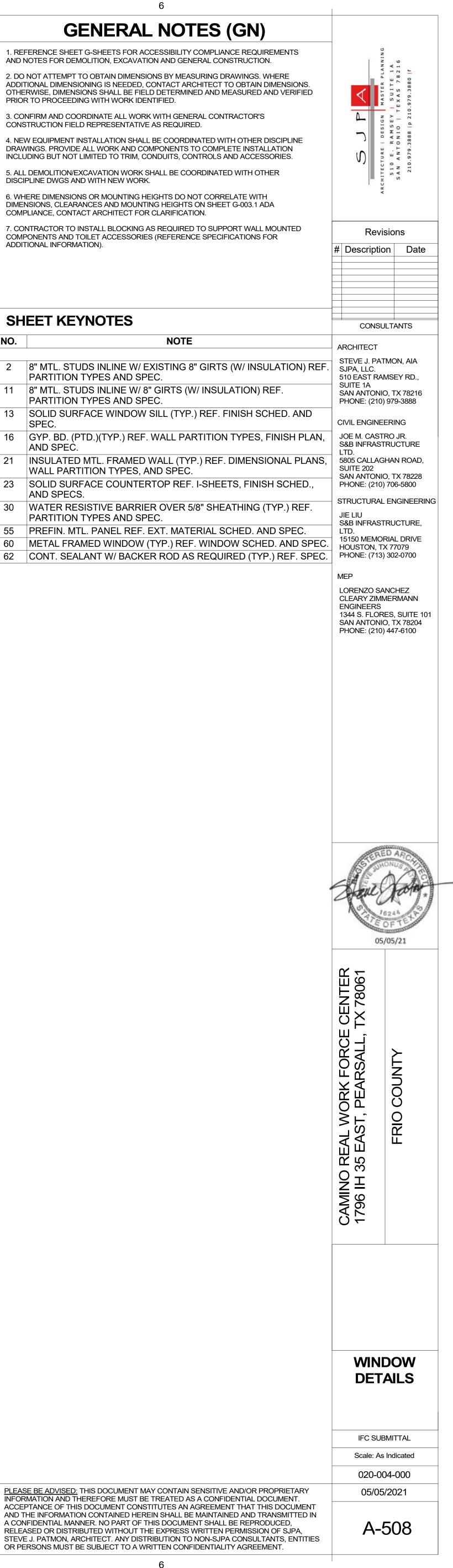
DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.

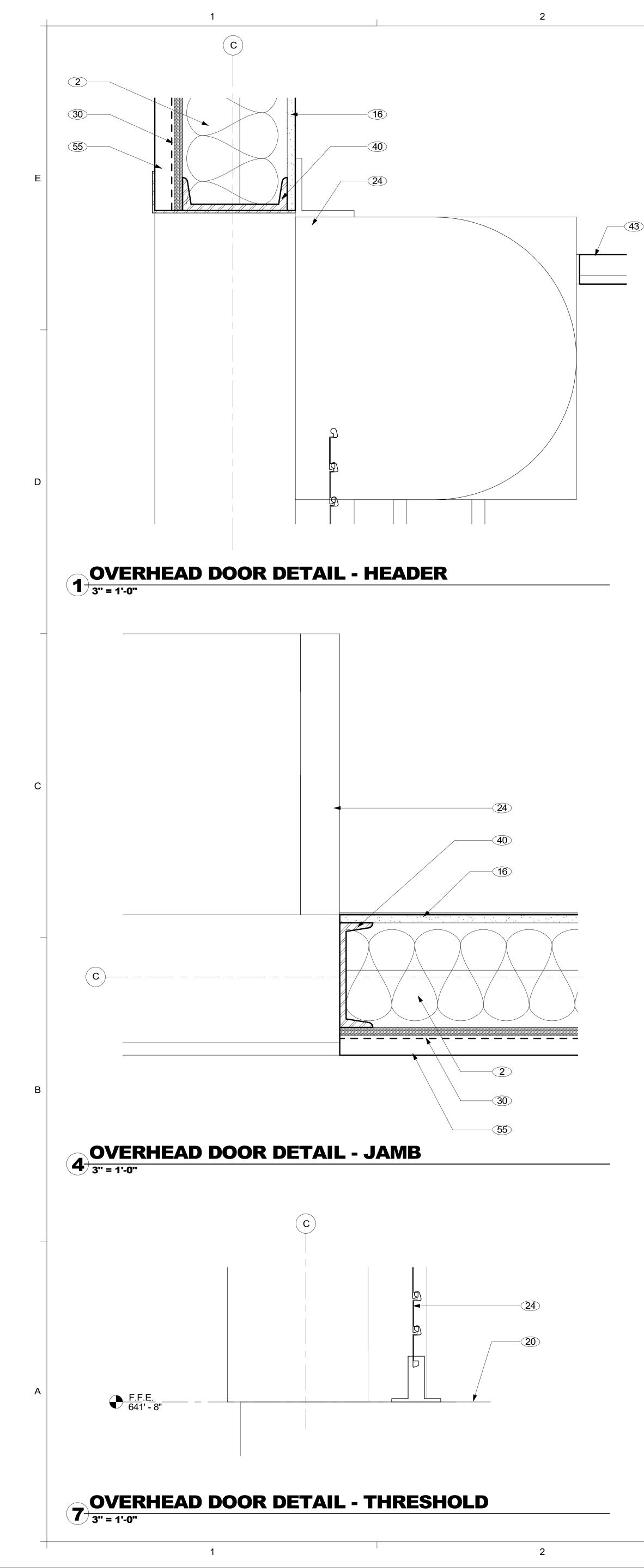
7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION).

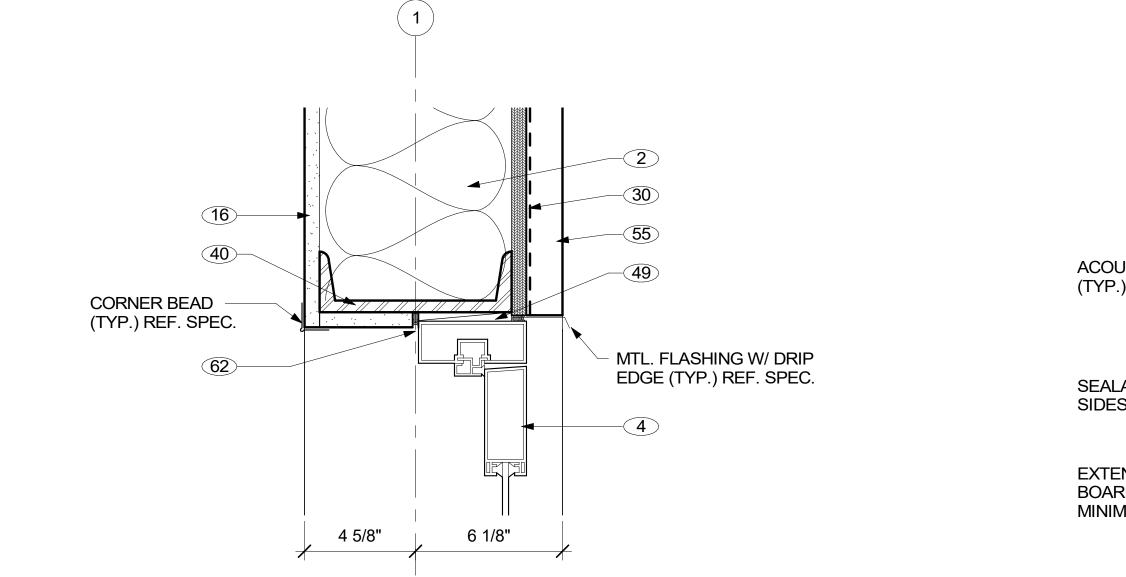
SHEET KEYNOTES

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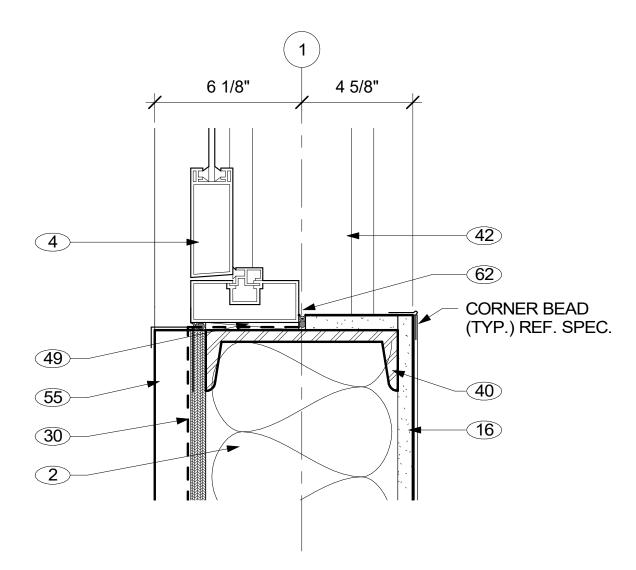
NO.	NOTE
2	8" MTL. STUDS INLINE W/ EXISTING 8" GIRTS PARTITION TYPES AND SPEC.
11	8" MTL. STUDS INLINE W/ 8" GIRTS (W/ INSU PARTITION TYPES AND SPEC.
13	SOLID SURFACE WINDOW SILL (TYP.) REF. SPEC.
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION AND SPEC.
21	INSULATED MTL. FRAMED WALL (TYP.) REF WALL PARTITION TYPES, AND SPEC.
23	SOLID SURFACE COUNTERTOP REF. I-SHEE AND SPECS.
30	WATER RESISTIVE BARRIER OVER 5/8" SHE PARTITION TYPES AND SPEC.
55	PREFIN. MTL. PANEL REF. EXT. MATERIAL S
60	METAL FRAMED WINDOW (TYP.) REF. WIND
62	CONT. SEALANT W/ BACKER ROD AS REQU

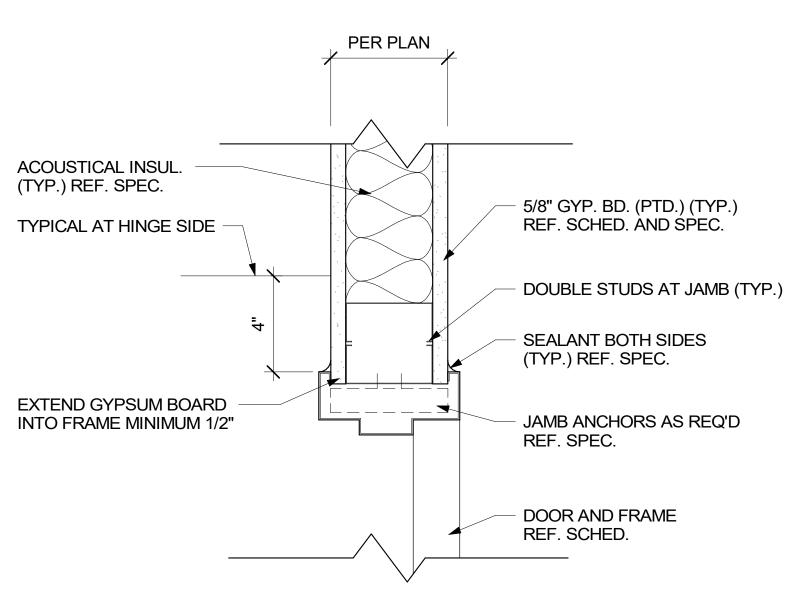




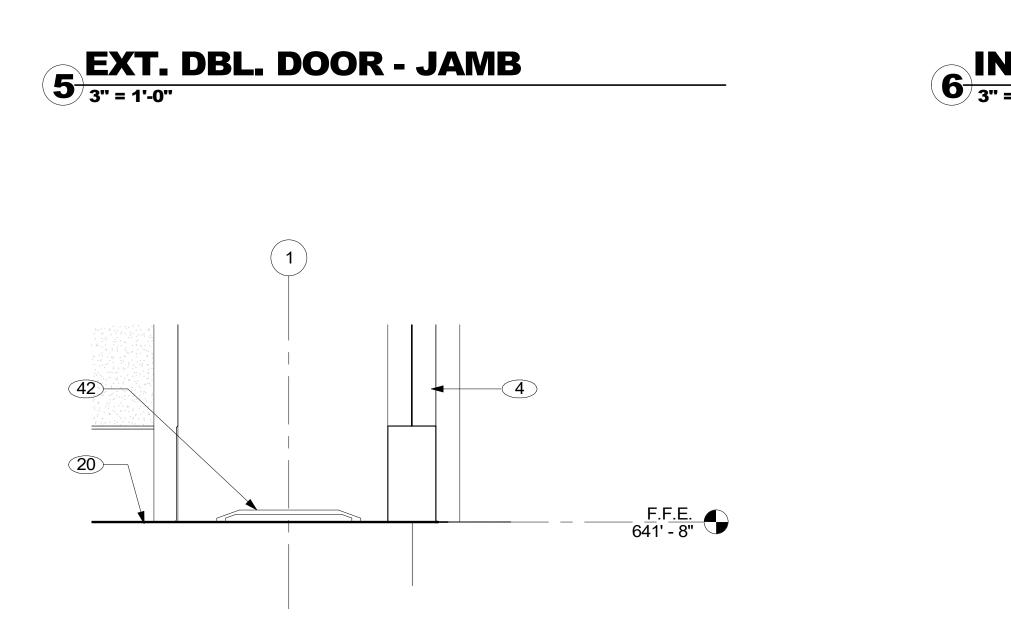








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3

GENERAL NOTES (GN)

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COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION. 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED

COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION).

PER PLAN ACOUSTICAL INSUL. 5/8" GYP. BD. (PTD.) (TYP.) REF. SCHED. (TYP.) REF. SPEC. AND SPEC. BUILT-UP MTL. STUD BOX HEADER AS REQ'D. SEALANT BOTH (TYP.) SIDES REF. SPEC. EXTEND GYPSUM BOARD INTO FRAME HOLLOW MTL. FRAME MINIMUM 1/2" REF. SCHED. AND SPEC. - DOOR (TYP.) REF. SCHED. AND SPEC.

5

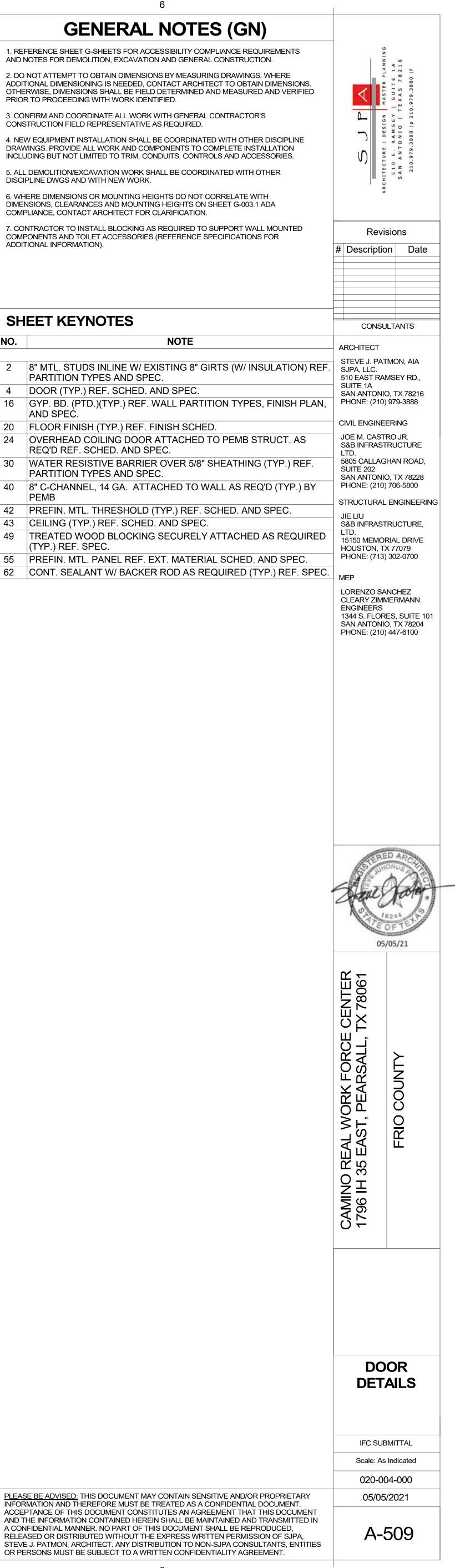
3 INT. DOOR - HEADER

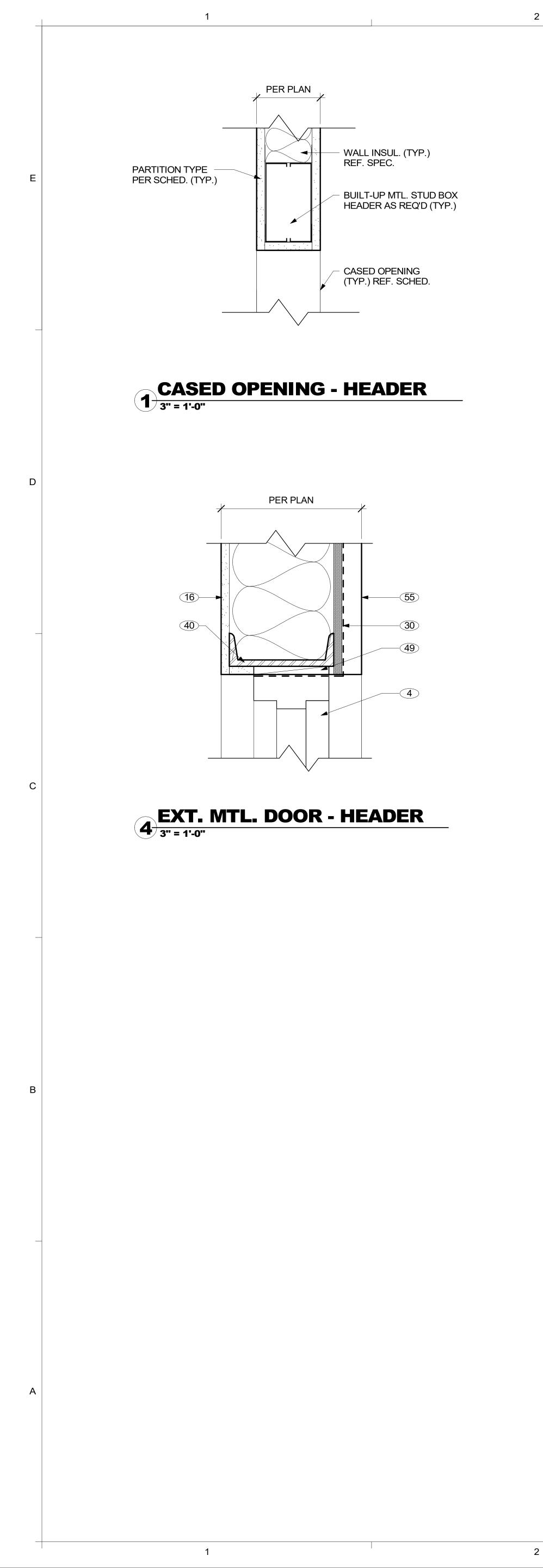
6 **INT. DOOR - JAMB** 3" = 1'-0"

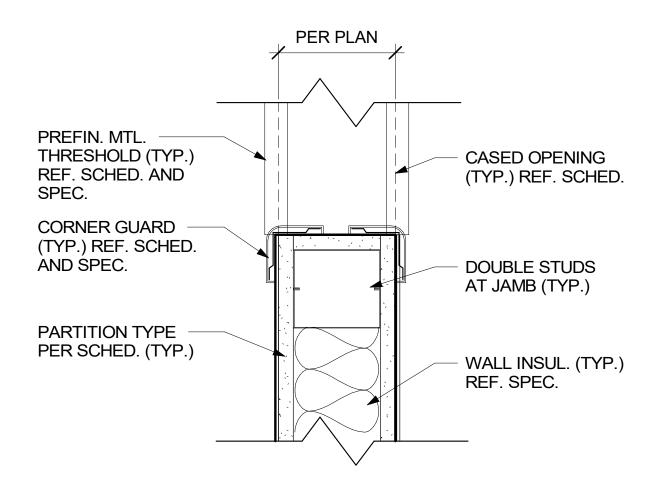
SHEET KEYNOTES NO. NOTE

2	8" MTL. STUDS INLINE W/ EXISTING 8" GIRTS PARTITION TYPES AND SPEC.
4	DOOR (TYP.) REF. SCHED. AND SPEC.
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION AND SPEC.
20	FLOOR FINISH (TYP.) REF. FINISH SCHED.
24	OVERHEAD COILING DOOR ATTACHED TO F REQ'D REF. SCHED. AND SPEC.
30	WATER RESISTIVE BARRIER OVER 5/8" SHE PARTITION TYPES AND SPEC.
40	8" C-CHANNEL, 14 GA. ATTACHED TO WALL PEMB
42	PREFIN. MTL. THRESHOLD (TYP.) REF. SCHE
43	CEILING (TYP.) REF. SCHED. AND SPEC.
49	TREATED WOOD BLOCKING SECURELY ATT (TYP.) REF. SPEC.

55 PREFIN. MTL. PANEL REF. EXT. MATERIAL SCHED. AND SPEC. 62 CONT. SEALANT W/ BACKER ROD AS REQUIRED (TYP.) REF. SPEC.











PREFIN. MTL.

SPEC.

4

3

GENERAL NOTES (GN)

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PRIOR TO PROCEEDING WITH WORK IDENTIFIED. 3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER DISCIPLINE DWGS AND WITH NEW WORK.

6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.

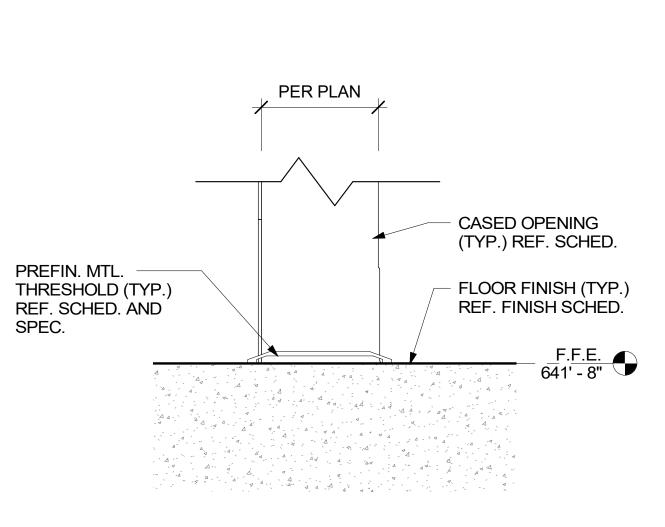
7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION).

SHEET KEYNOTES

NO.

4	DOOR (TYP.) REF. SCHED. AND SPEC.
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION TYPES, FINISH PL/ AND SPEC.
30	WATER RESISTIVE BARRIER OVER 5/8" SHEATHING (TYP.) REF. PARTITION TYPES AND SPEC.
40	8" C-CHANNEL, 14 GA. ATTACHED TO WALL AS REQ'D (TYP.) BY PEMB
49	TREATED WOOD BLOCKING SECURELY ATTACHED AS REQUIR (TYP.) REF. SPEC.
55	PREFIN. MTL. PANEL REF. EXT. MATERIAL SCHED. AND SPEC.

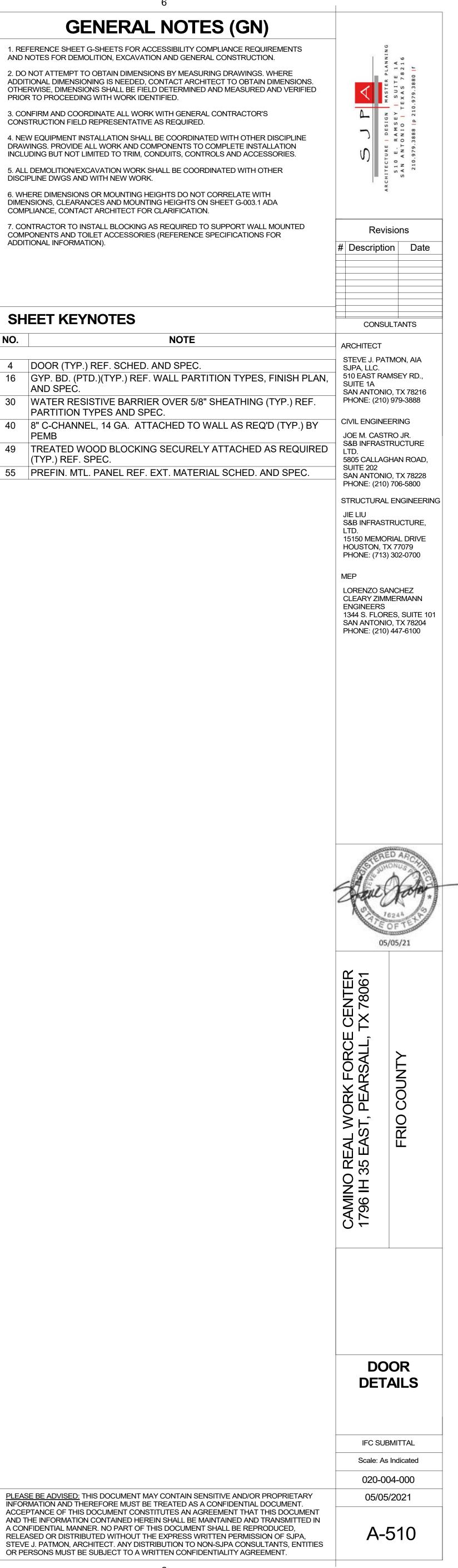
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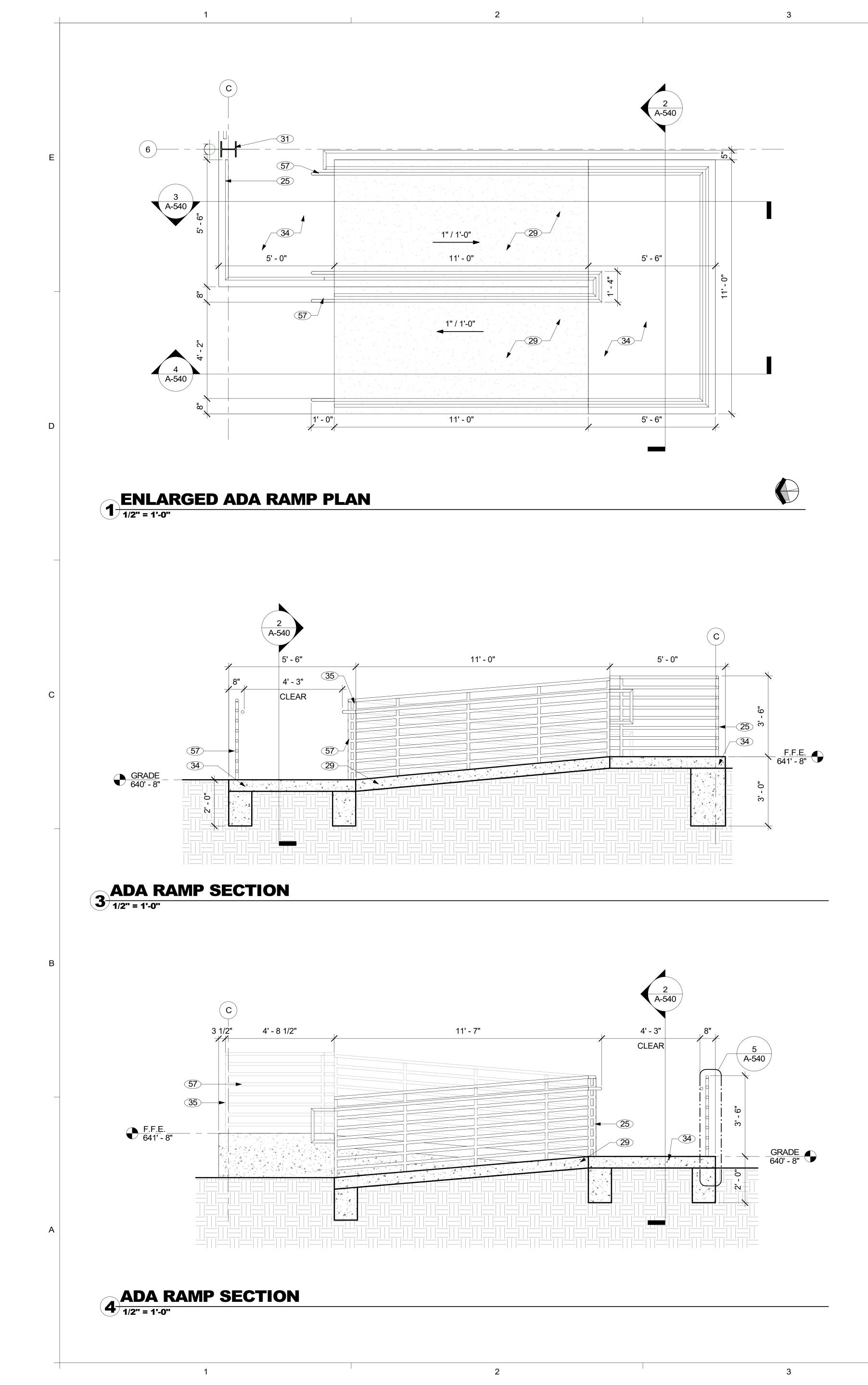


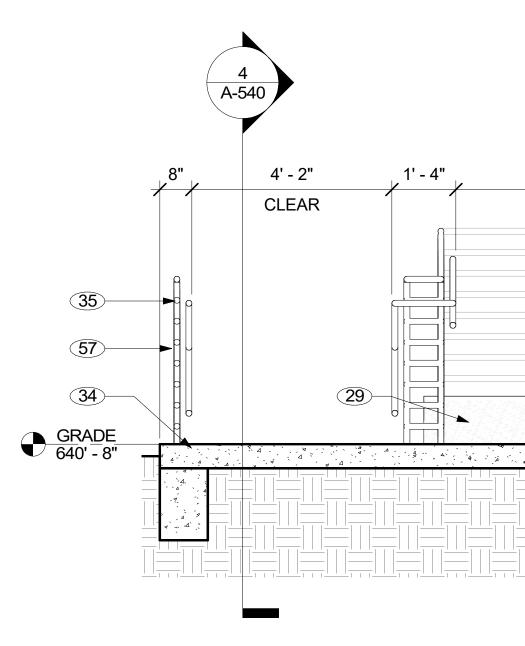
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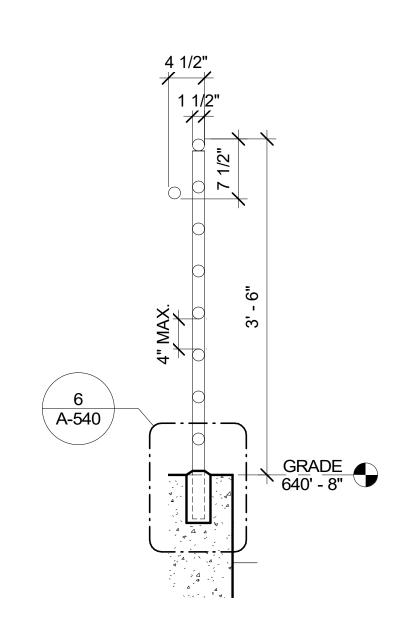
CASED OPEN - THRESHOLD 3" = 1'-0"







ADA RAMP SECTION 1/2" = 1'-0"



4

5 1" = 1'-0"

GENERAL NOTES (GN)

1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION. 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED, CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED

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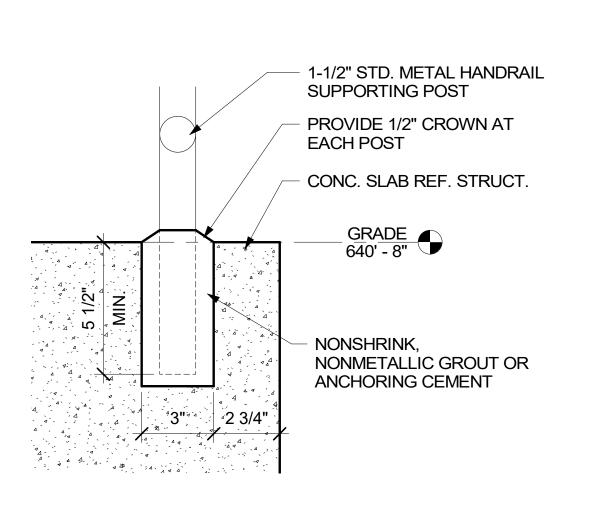
DISCIPLINE DWGS AND WITH NEW WORK. 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA

COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION. 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED

COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION).

A-540 4' - 2" 1' - 1' -31 CLEAR -(25 GRADE 640' - 8"

6



5

5

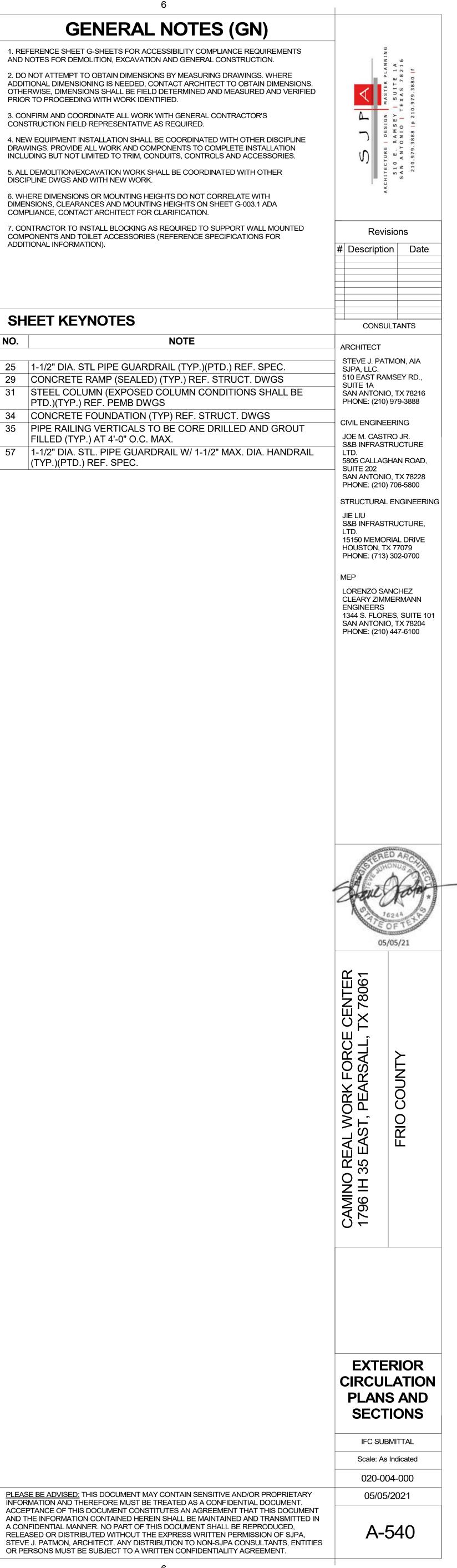


SHEET KEYNOTES

NO.

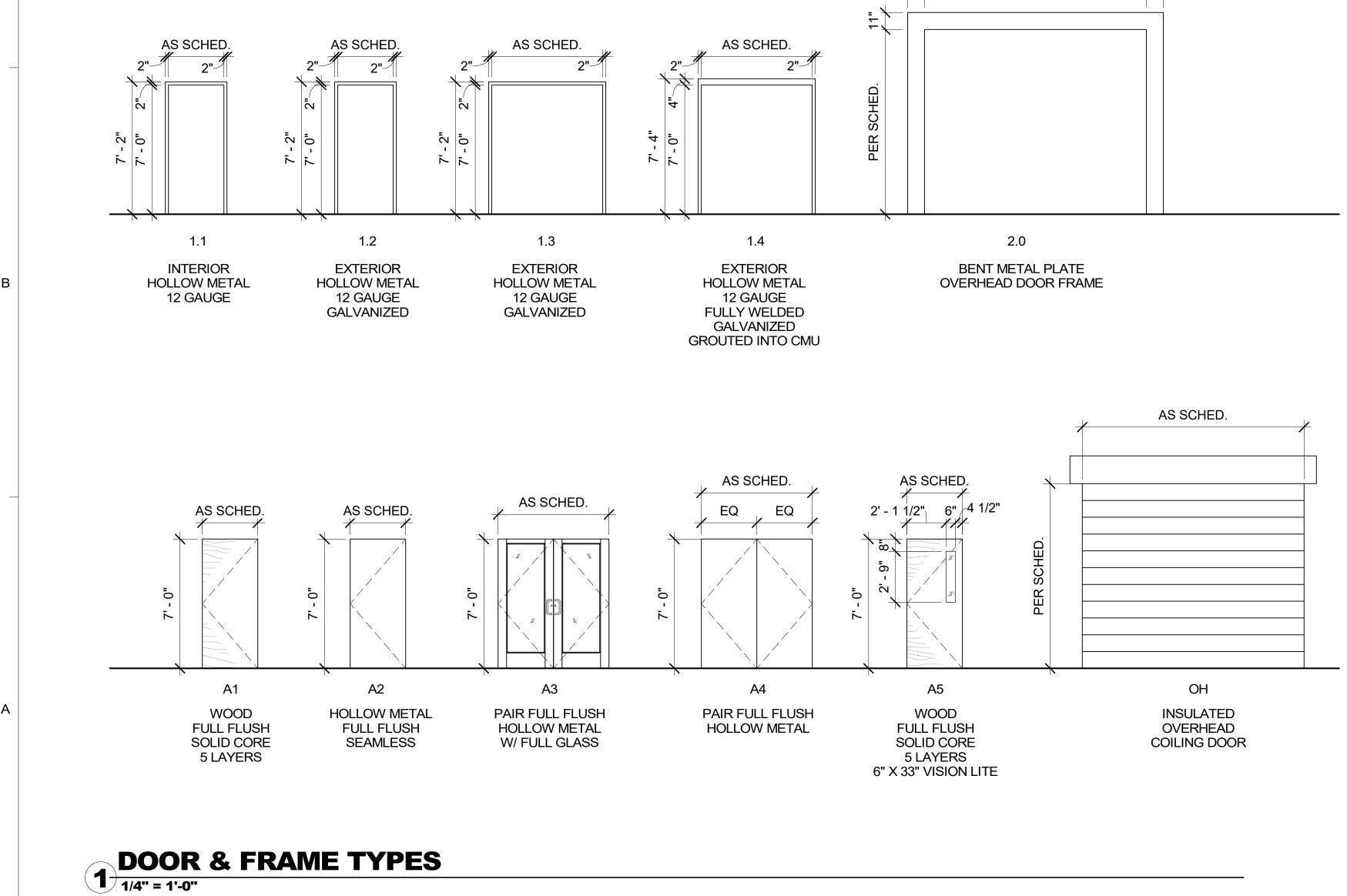
25	1-1/2" DIA. STL PIPE GUARDRAIL (TYP.)(PTD.)
29	CONCRETE RAMP (SEALED) (TYP.) REF. STR
31	STEEL COLUMN (EXPOSED COLUMN CONDI PTD.)(TYP.) REF. PEMB DWGS
34	CONCRETE FOUNDATION (TYP) REF. STRUC
35	PIPE RAILING VERTICALS TO BE CORE DRILL FILLED (TYP.) AT 4'-0" O.C. MAX.
57	1-1/2" DIA. STL. PIPE GUARDRAIL W/ 1-1/2" M (TYP.)(PTD.) REF. SPEC.

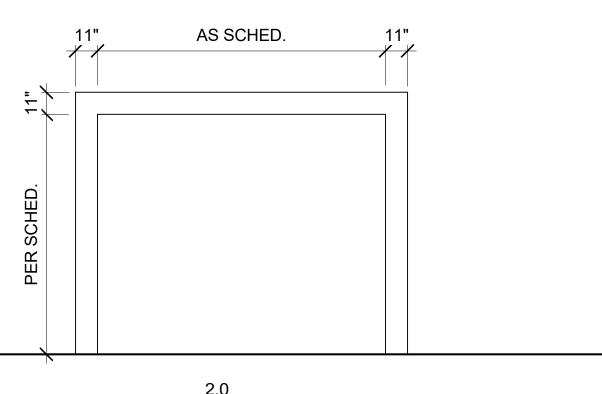
NOTE

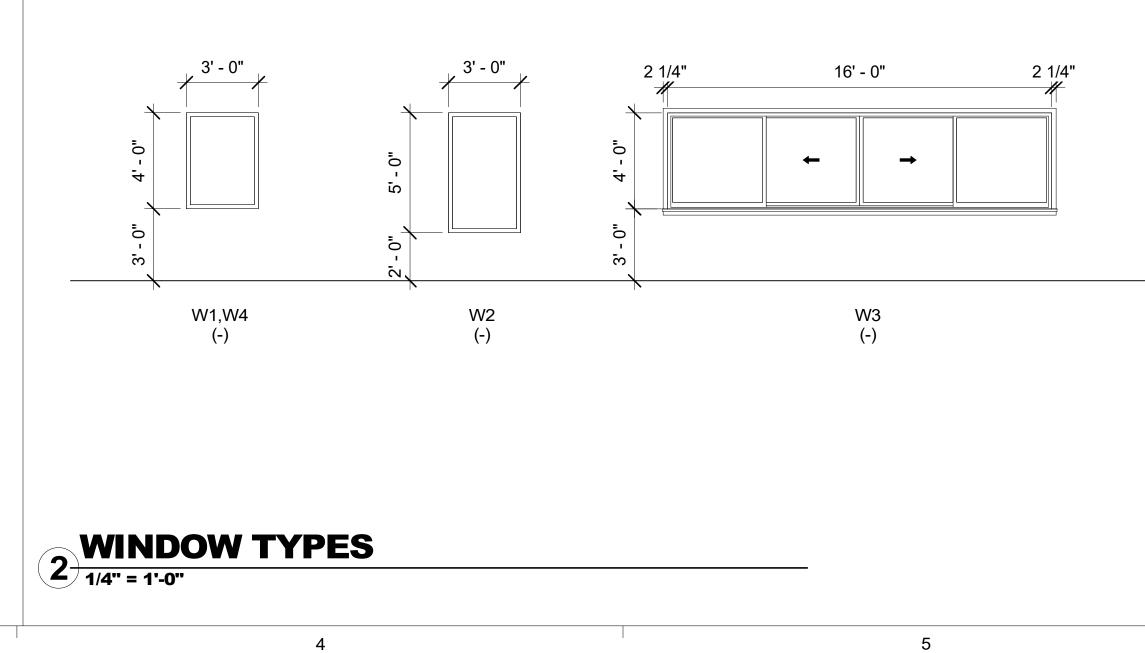


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DOO	OR SCHEDULI	Ξ														WIN	DOW SCHEDULE								
DOOF		DOOR						FRAM		HARDWARE				FIRE		MAR	K ROOM NAME	DESCRIPTION	WIDTH	HEIGHT	SILL HEIGHT	FRAME TYPE	HEAD	JAMB	
NO.	ROOM NAME	TYPE	WIDTH	HEIGHT	THICKNE	SS FINISH	GLAZING	TYPE	FINISH	SET	HEAD	JAMB	THRESHOLD	D RATING	COMMENTS										
					_											W1	OFFICE	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
100.1	CORRIDOR	A3	6' - 0"	7' - 0"	2"	HM (PTD.)) STOREFRONT	1.3	HM (PTD.)	6	2/A-509	5/A-509	8/A-509		-	W1	OPEN AREA	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
101.1	OFFICE	A5	3' - 0"	7' - 0"	1 3/4"	SCWD	VISION	1.1	HM (PTD.)	2	3/A-509	6/A-509			-	W1	OPEN AREA	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
102.1	OFFICE	A5	3' - 0"	7' - 0"	1 3/4"	SCWD	VISION	1.1	HM (PTD.)	2	3/A-509	6/A-509			-	W1	DAY ROOM	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
103.1	OFFICE	A5	3' - 0"	7' - 0"	1 3/4"	SCWD	VISION	1.1	HM (PTD.)	2	3/A-509	6/A-509			-	W1	DAY ROOM	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
104.1	CONFERENCE ROOM	A5	3' - 0"	7' - 0"	1 3/4"	SCWD	VISION	1.1	HM (PTD.)	7	3/A-509	6/A-509		- /	ACCESS CONTROLLED	W1	DAY ROOM	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
105.1	COPY / COFFEE	-	3' - 6"	7' - 0"	3 5/8"	-	-	-	-	-	1/A-510	2/A-510		- (CASED OPENING	W1	DAY ROOM	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
106.1	KITCHEN	A1	3' - 0"	7' - 0"	1 3/4"	SCWD	-	1.1	HM (PTD.)	5	3/A-509	6/A-509			-	W1	DINING	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
E 107.1	IT. / ELECT. ROOM	A2	3' - 0"	7' - 0"	1 3/4"	HM (PTD.)) -	1.1	HM (PTD.)	7				- /	ACCESS CONTROLLED	W1	DINING	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
107.2	IT. / ELECT. ROOM	A2	3' - 0"	7' - 0"	1 3/4"	HM (PTD.)) -	1.2	HM (PTD.)	7	4/A-510			- /	ACCESS CONTROLLED	W1	OPEN AREA	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
108.1	JANITOR'S ROOM	A2	3' - 0"	7' - 0"	1 3/4"	HM (PTD.)) -	1.1	HM (PTD.)	3					-	W1	OPEN AREA	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
109.1	LAUNDRY ROOM	A5	3' - 0"	7' - 0"	1 3/4"	SCWD	VISION	1.1	HM (PTD.)	4	3/A-509	6/A-509			-	W1	OPEN AREA	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
110.1	CHANGING ROOM	A5	3' - 0"	7' - 0"	1 3/4"	SCWD	VISION	1.1	HM (PTD.)	4	3/A-509	6/A-509			-	W1	OPEN AREA	FIXED WINDOW	3' - 0"	5' - 0"	2' - 0"	ALUMINUM	2/A-508	6/A-508	4
112.1	WOMEN'S TOILETS	-	3' - 6"	7' - 0"	3 5/8"	-	-	-	-	-	1/A-510	2/A-510	3/A-510	- (CASED OPENING	W2	OFFICE	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	4
113.1	MEN'S TOILETS	-	3' - 6"	7' - 0"	3 5/8"	-	-	-	-	-	1/A-510	2/A-510	3/A-510	- (CASED OPENING	W2	OFFICE	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	
114.1	STORAGE	A1	3' - 0"	7' - 0"	1 3/4"	SCWD	-	1.1	HM (PTD.)	5	3/A-509	6/A-509		- /	ACCESS CONTROLLED	W2	OFFICE	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	
115.1	OPEN AREA	A3	6' - 0"	7' - 0"	2"	ALUM.	-	1.3	HM (PTD.)	6	2/A-509	5/A-509	8/A-509	- /	ACCESS CONTROLLED	W2	CONFERENCE ROOM	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	
115.2	OPEN AREA	OH	9' - 0"	9' - 11	0"	HM (PTD.)) -	2.0	GALV.	1	1/A-509	4/A-509	7/A-509	- [DOOR TO BE INSULATED	W2	CONFERENCE ROOM	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	
				5/8"												W2	KITCHEN	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	
115.3	OPEN AREA	A2	3' - 0"	7' - 0"	1 3/4"	HM (PTD.)) -	1.2	HM (PTD.)	8	4/A-510				-	W2	KITCHEN	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	4
115.4	CORRIDOR	-	3' - 6"	7' - 0"	3 5/8"	-	-	-	-	-	1/A-510	2/A-510		- (CASED OPENING	W2	LAUNDRY ROOM	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	2/A-508	6/A-508	
115.5	KITCHEN	-	3' - 6"	7' - 0"	3 5/8"	-	-	-	-	-	1/A-510	2/A-510		- (CASED OPENING	W3	KITCHEN	SERVICE WINDOW	16' - 0"	4' - 0"	3' - 0"	ALUMINUM	1/A-508	5/A-508	3
																W4	KITCHEN	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	-	-	
																W4	KITCHEN	FIXED WINDOW	3' - 0"	4' - 0"	3' - 0"	ALUMINUM	_	-	

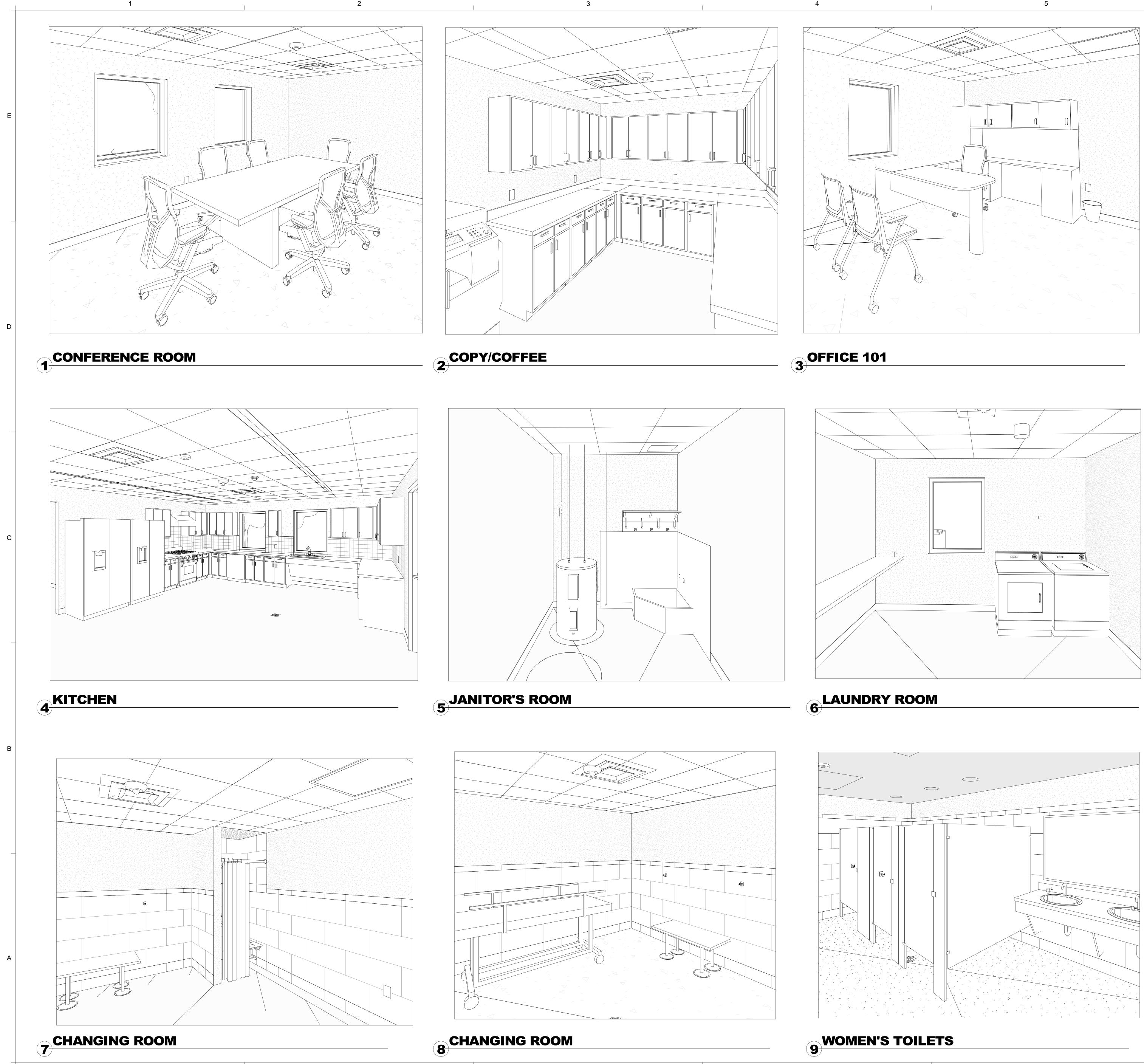
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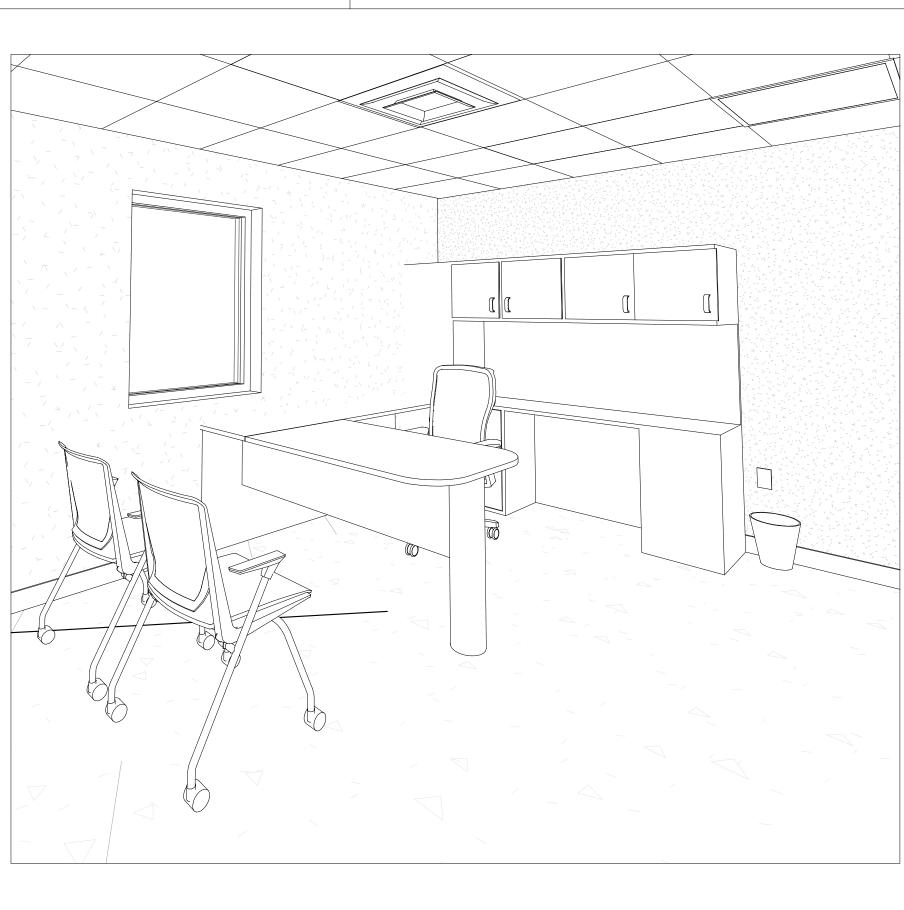






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TYPE	HEAD	JAMB	SILL		
INUM	2/A-508	6/A-508	4/A-508		1 8 2 1
INUM INUM	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508		UITE AS 78 9.3880
INUM INUM	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508		
INUM	2/A-508	6/A-508	4/A-508		E. RAMSE ANTONIO .979.3888 p
	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508	S S S S S S S S S S S S S S S S S S S	10 E. H A N A N T G 210.979.3
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INUM	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508	Revi	sions
INUM INUM	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508	# Descriptio	on Date
INUM	2/A-508	6/A-508	4/A-508		
INUM INUM	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508		
INUM INUM	2/A-508 2/A-508	6/A-508 6/A-508	4/A-508 4/A-508	CONSL	ILTANTS
INUM INUM	1/A-508 -	5/A-508 -	3/A-508 -	ARCHITECT	
INUM	-	-	-	STEVE J. PAT SJPA, LLC.	
				510 EAST RA SUITE 1A SAN ANTONIO	D, TX 78216
				CIVIL ENGINE	RO JR.
				S&B INFRAST LTD. 5805 CALLAG	
				SUITE 202 SAN ANTONIO PHONE: (210)	
				STRUCTURAL	ENGINEERING
				JIE LIU S&B INFRAST LTD.	
				15150 MEMO HOUSTON, T PHONE: (713)	X 77079
				MEP	-
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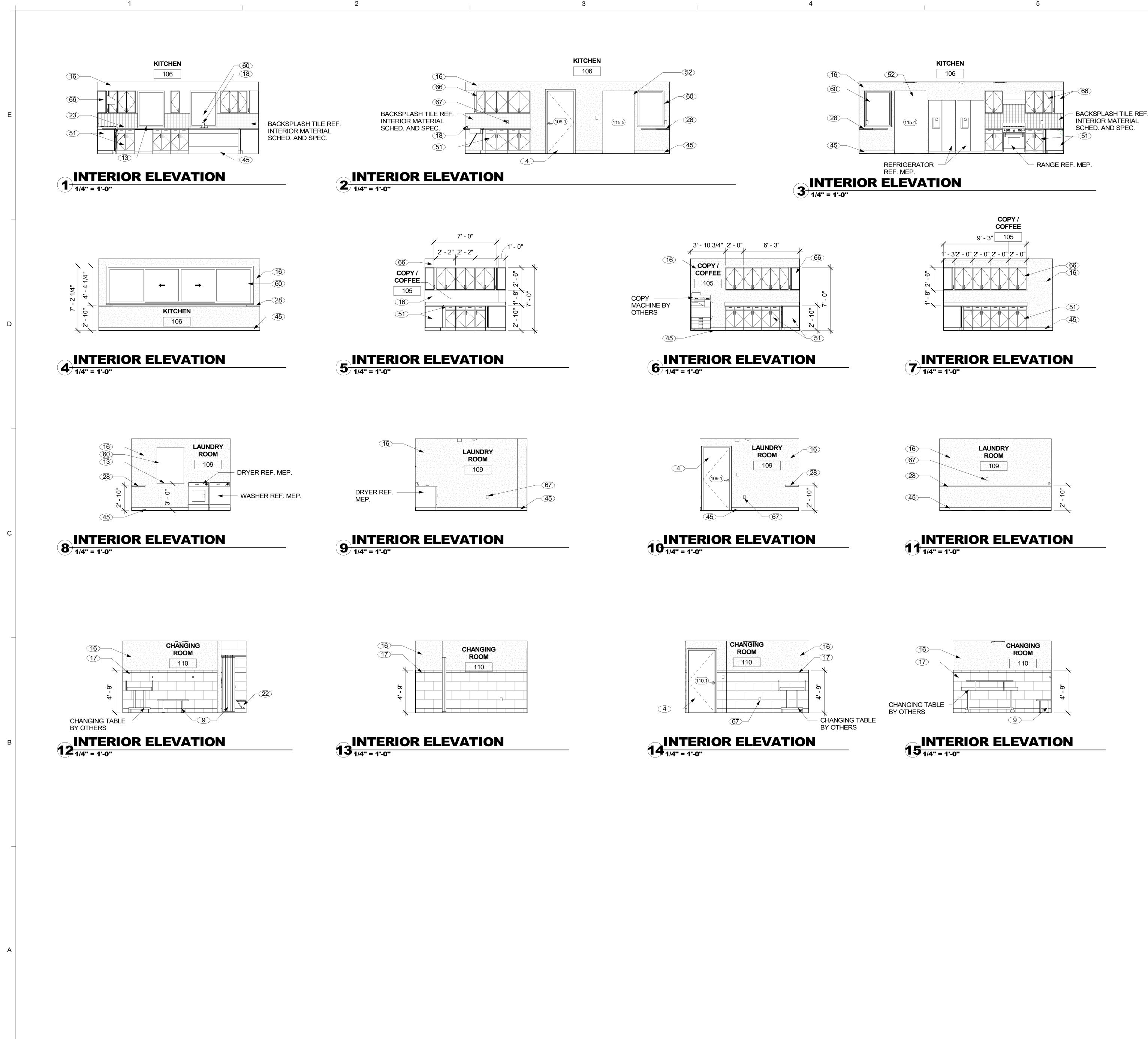
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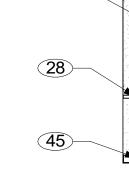
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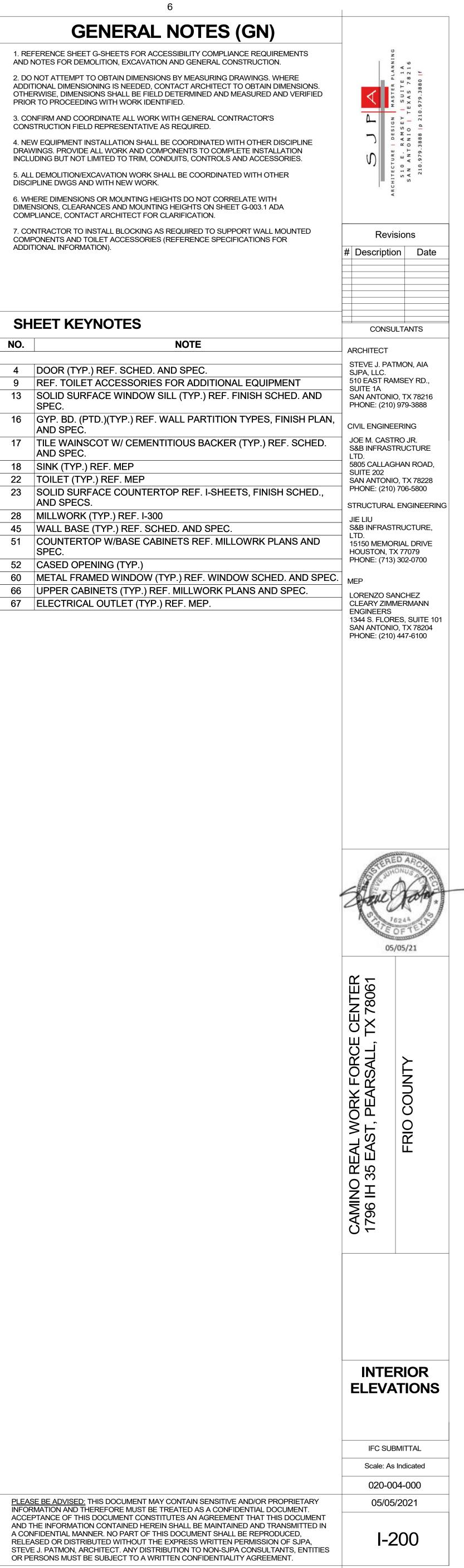
GENERAL NOTES (GN) 1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION. LANN] 1 A 2 1 6 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED, CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED PRIOR TO PROCEEDING WITH WORK IDENTIFIED. 3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. in z 1 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER DISCIPLINE DWGS AND WITH NEW WORK. F in A 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION). Revisions # Description Date _____ _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 **CIVIL ENGINEERING** JOE M. CASTRO JR. S&B INFRASTRUCTURE LTD. 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MEP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 CENTER TX 78061 Ш FORCE CAMINO REAL WORK 1796 IH 35 EAST, PEA RIO COL INTERIOR PERSPECTIVE VIEWS IFC SUBMITTAL Scale: As Indicated 020-004-000 PLEASE BE ADVISED: THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, I-101 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA. STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.





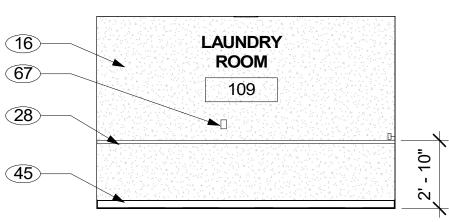


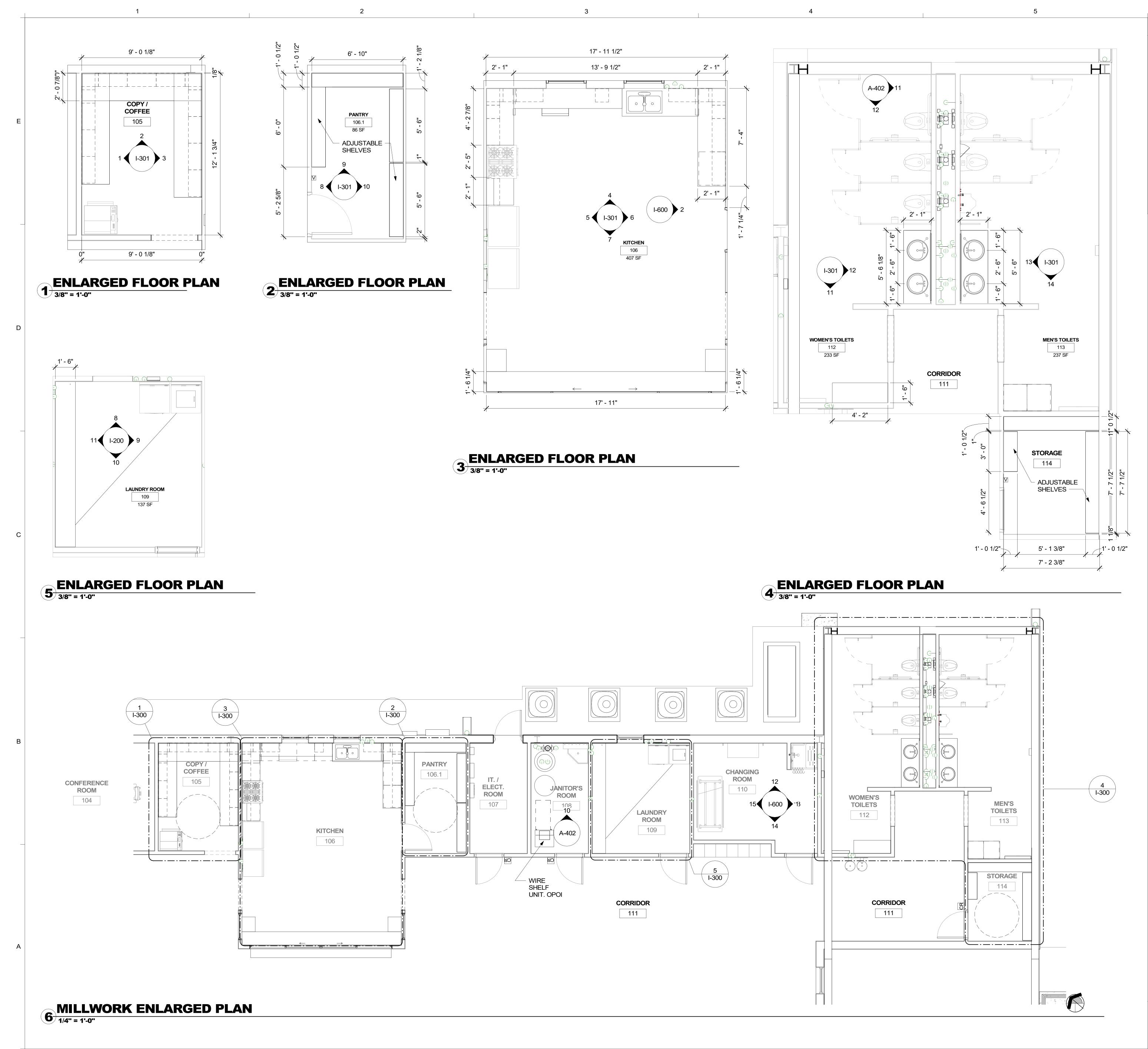
DISCIPLINE DWGS AND WITH NEW WORK.

COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.

ADDITIONAL INFORMATION).

SF	IEET KEYNOTES
NO.	NOTE
4	DOOR (TYP.) REF. SCHED. AND SPEC.
9	REF. TOILET ACCESSORIES FOR ADDITIONA
13	SOLID SURFACE WINDOW SILL (TYP.) REF. F SPEC.
16	GYP. BD. (PTD.)(TYP.) REF. WALL PARTITION AND SPEC.
17	TILE WAINSCOT W/ CEMENTITIOUS BACKER AND SPEC.
18	SINK (TYP.) REF. MEP
22	TOILET (TYP.) REF. MEP
23	SOLID SURFACE COUNTERTOP REF. I-SHEE AND SPECS.
28	MILLWORK (TYP.) REF. I-300
45	WALL BASE (TYP.) REF. SCHED. AND SPEC.
51	COUNTERTOP W/BASE CABINETS REF. MILLO SPEC.
52	CASED OPENING (TYP.)
60	METAL FRAMED WINDOW (TYP.) REF. WINDO
66	UPPER CABINETS (TYP.) REF. MILLWORK PL/
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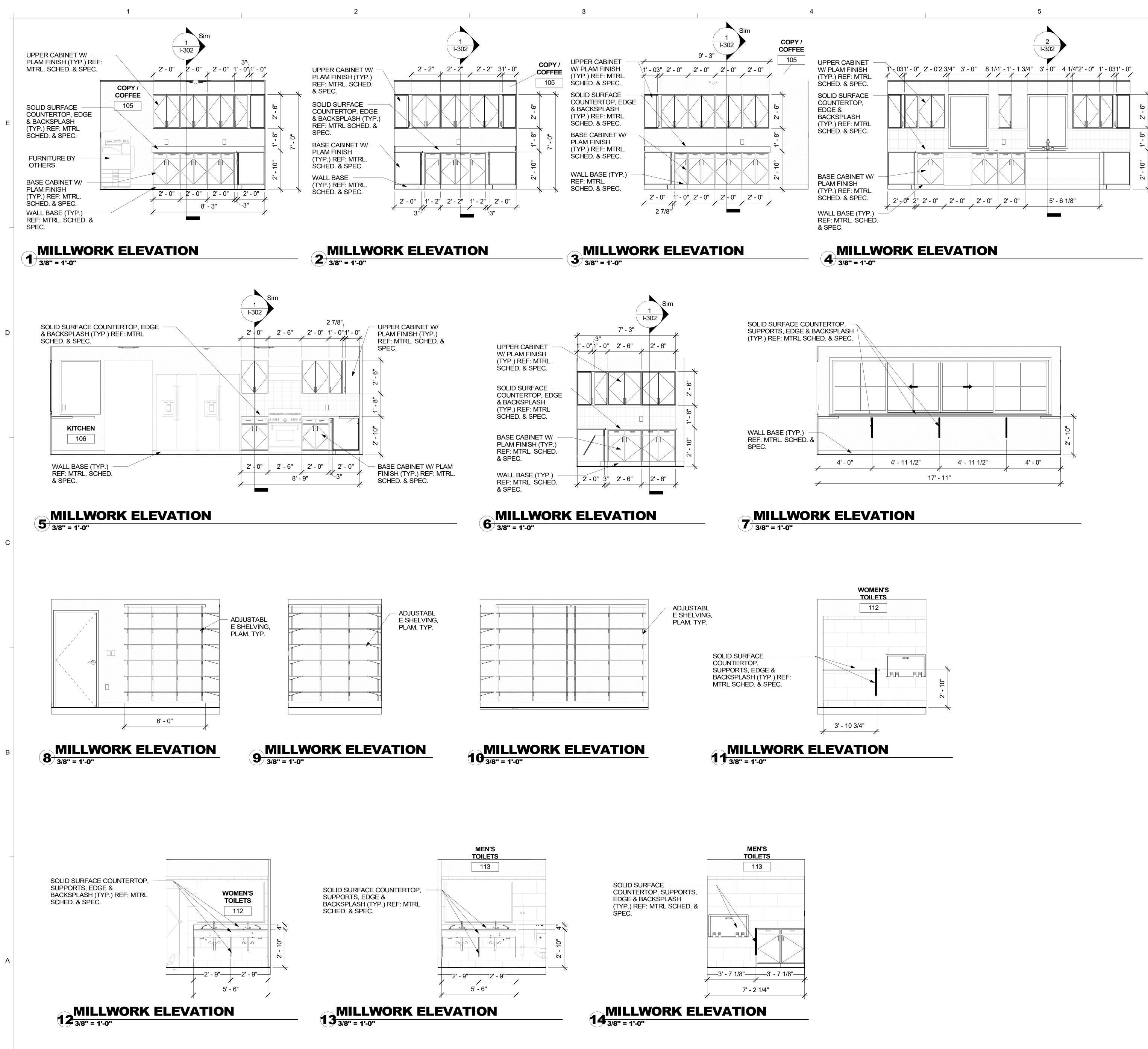
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GENERAL NOTES (GN) 1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS LANN 1 A 2 1 6 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED, CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED PRIOR TO PROCEEDING WITH WORK IDENTIFIED. A N O N O 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION in INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. z 1 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER · u · DISCIPLINE DWGS AND WITH NEW WORK. 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED Revisions COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION). # Description Date _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 CIVIL ENGINEERING JOE M. CASTRO JR. S&B INFRASTRUCTURE LTD. 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MEP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 CENTER TX 78061 FORCE RSALL 7 CAMINO REAL WORK 1796 IH 35 EAST, PEA 0 0 0 20 **OVERALL** AND ENLARGED MILLWORK _PLANS_ IFC SUBMITTAL Scale: As Indicated 020-004-000 <u>PLEASE BE ADVISED:</u> THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, I-300 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA, STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION.

3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.



3

GENERAL NOTES (GN) 1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS LANN] 1 A 2 1 6 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED, CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED A 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION " L N S INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. z 1 C F in A DISCIPLINE DWGS AND WITH NEW WORK. 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED Revisions COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR # Description Date _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 **CIVIL ENGINEERING** JOE M. CASTRO JR. S&B INFRASTRUCTURE LTD. 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MFP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 CENTER TX 78061 CAMINO REAL WORK FORCE 1796 IH 35 EAST, PEARSALL, ⁻ COUN FRIO MILLWORK **ELEVATIONS** IFC SUBMITTAL Scale: As Indicated 020-004-000 PLEASE BE ADVISED: THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, I-301 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA. STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

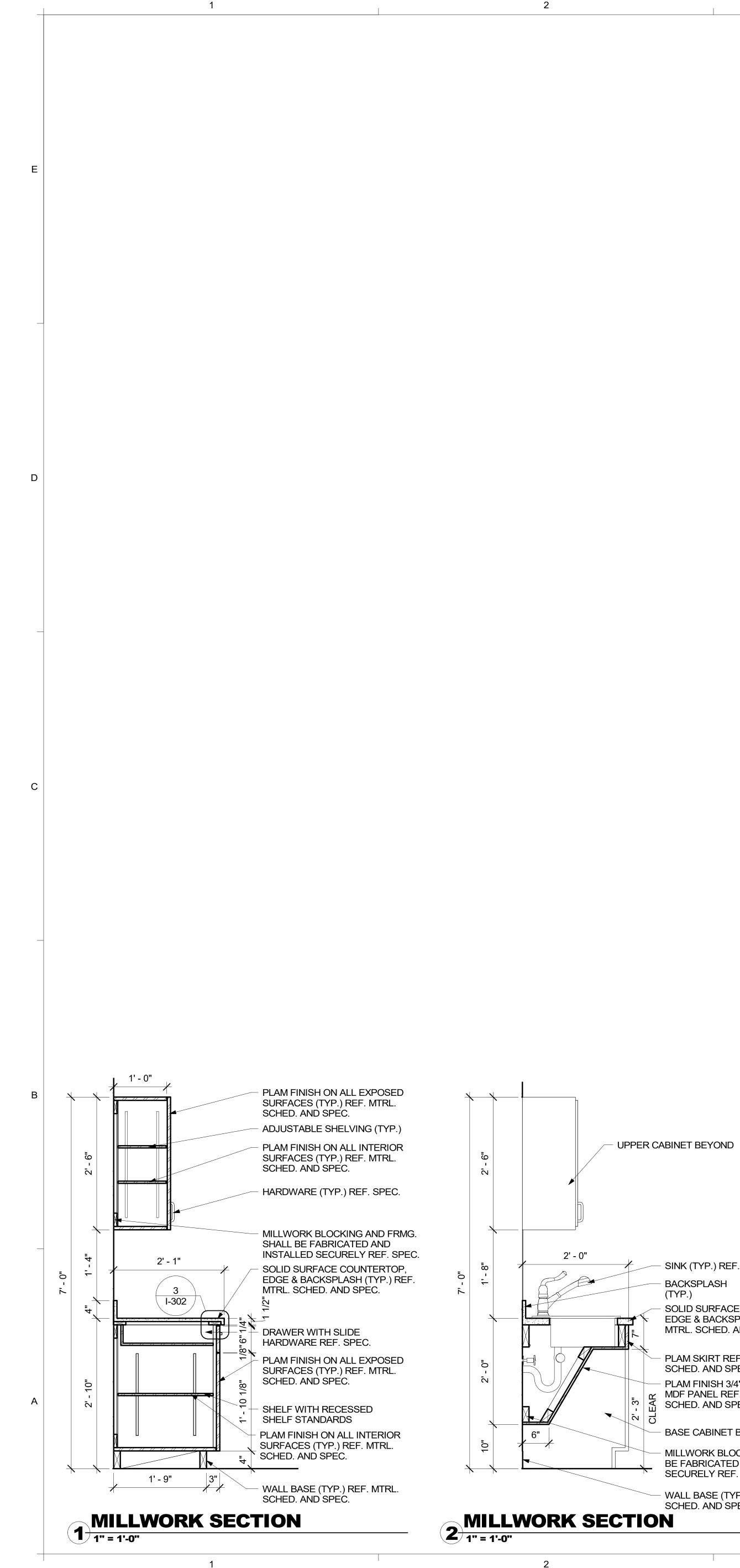
AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION. PRIOR TO PROCEEDING WITH WORK IDENTIFIED.

3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER

COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.

ADDITIONAL INFORMATION).



SECURELY REF. SPEC. WALL BASE (TYP.) REF. MTRL.

SINK (TYP.) REF. MEP

- SOLID SURFACE COUNTERTOP,

- PLAM FINISH 3/4" REMOVABLE

MTRL. SCHED. AND SPEC.

PLAM SKIRT REF. MTRL.

MDF PANEL REF. MTRL. SCHED. AND SPEC.

- BASE CABINET BEYOND

SCHED. AND SPEC.

EDGE & BACKSPLASH (TYP.) REF.

BACKSPLASH

(TYP.)

SCHED. AND SPEC.

BE FABRICATED AND INSTALLED

MILLWORK BLOCKING AND FRMG. SHALL

1/2" SOLID SURFACE COUNTERTOP; PROVIDE 1/4" BULLNOSE EDGE (TYP.) REF. MTRL. SCHED. AND SPEC.

- WOOD FRAMING (TYP.) SHALL BE FABRICATED AND INSTALLED SECURELY REF. SPEC.

MILLWORK DETAIL 6" = 1'-0"

3

3

GENERAL NOTES (GN) 1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS LANN] 1 A 2 1 6 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED. CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED PRIOR TO PROCEEDING WITH WORK IDENTIFIED. CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED. < Z 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE - ~ o DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. r z 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER · u · DISCIPLINE DWGS AND WITH NEW WORK. DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION. 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED Revisions # Description Date _____ _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 CIVIL ENGINEERING JOE M. CASTRO JR. S&B INFRASTRUCTURE LTD. 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MEP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 CENTER TX 78061 FORCE RSALL, 7 WORK ST, PEAI Õ Ŭ RIO CAMINO REAL V 1796 IH 35 EAST MILLWORK SECTIONS AND DETAILS IFC SUBMITTAL Scale: As Indicated 020-004-000 PLEASE BE ADVISED: THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, I-302 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA, STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION.

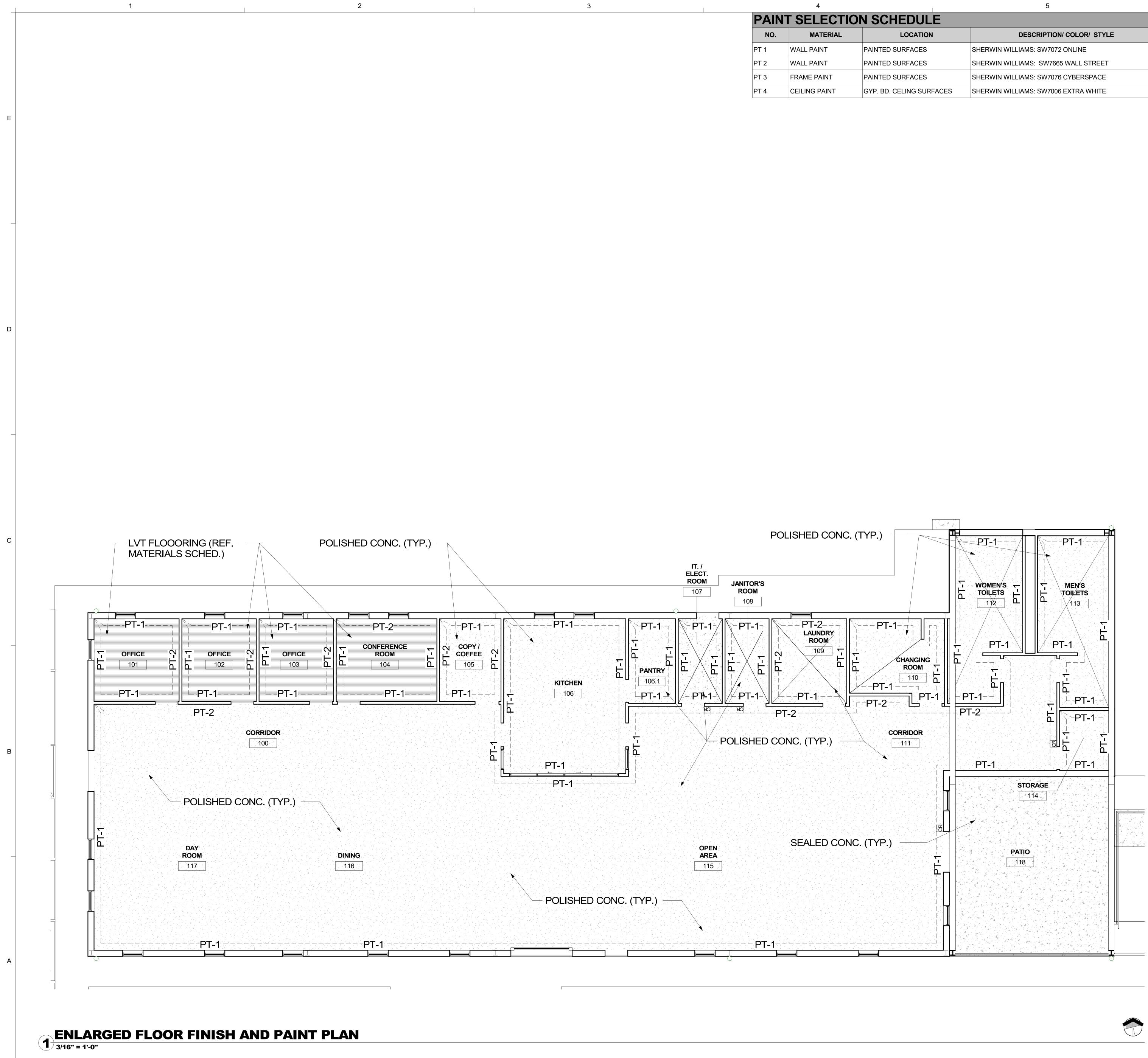
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3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S

6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH

COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION).





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		U	
MATERIAL	LOCATION	DESCRIPTION/ COLOR/ STYLE	1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMP
WALL PAINT	PAINTED SURFACES	SHERWIN WILLIAMS: SW7072 ONLINE	AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURIN
WALL PAINT	PAINTED SURFACES	SHERWIN WILLIAMS: SW7665 WALL STREET	ADDITIONAL DIMENSIONING IS NEEDED, CONTACT ARCHITE OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AN PRIOR TO PROCEEDING WITH WORK IDENTIFIED.
FRAME PAINT	PAINTED SURFACES	SHERWIN WILLIAMS: SW7076 CYBERSPACE	3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL O
CEILING PAINT	GYP. BD. CELING SURFACES	SHERWIN WILLIAMS: SW7006 EXTRA WHITE	 CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED. 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO CO INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTRO 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDIN
	MATERIAL WALL PAINT WALL PAINT FRAME PAINT	WALL PAINT PAINTED SURFACES WALL PAINT PAINTED SURFACES FRAME PAINT PAINTED SURFACES	MATERIAL LOCATION DESCRIPTION/ COLOR/ STYLE WALL PAINT PAINTED SURFACES SHERWIN WILLIAMS: SW7072 ONLINE WALL PAINT PAINTED SURFACES SHERWIN WILLIAMS: SW7665 WALL STREET FRAME PAINT PAINTED SURFACES SHERWIN WILLIAMS: SW7076 CYBERSPACE

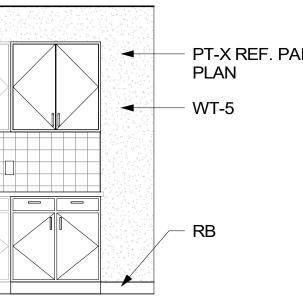
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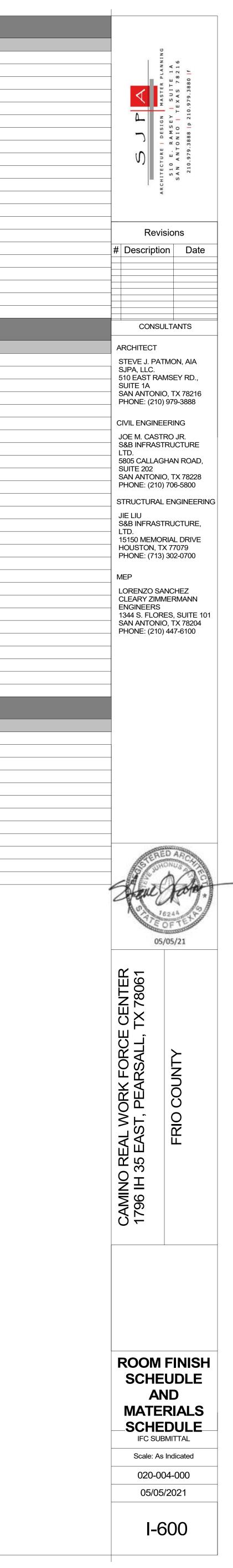
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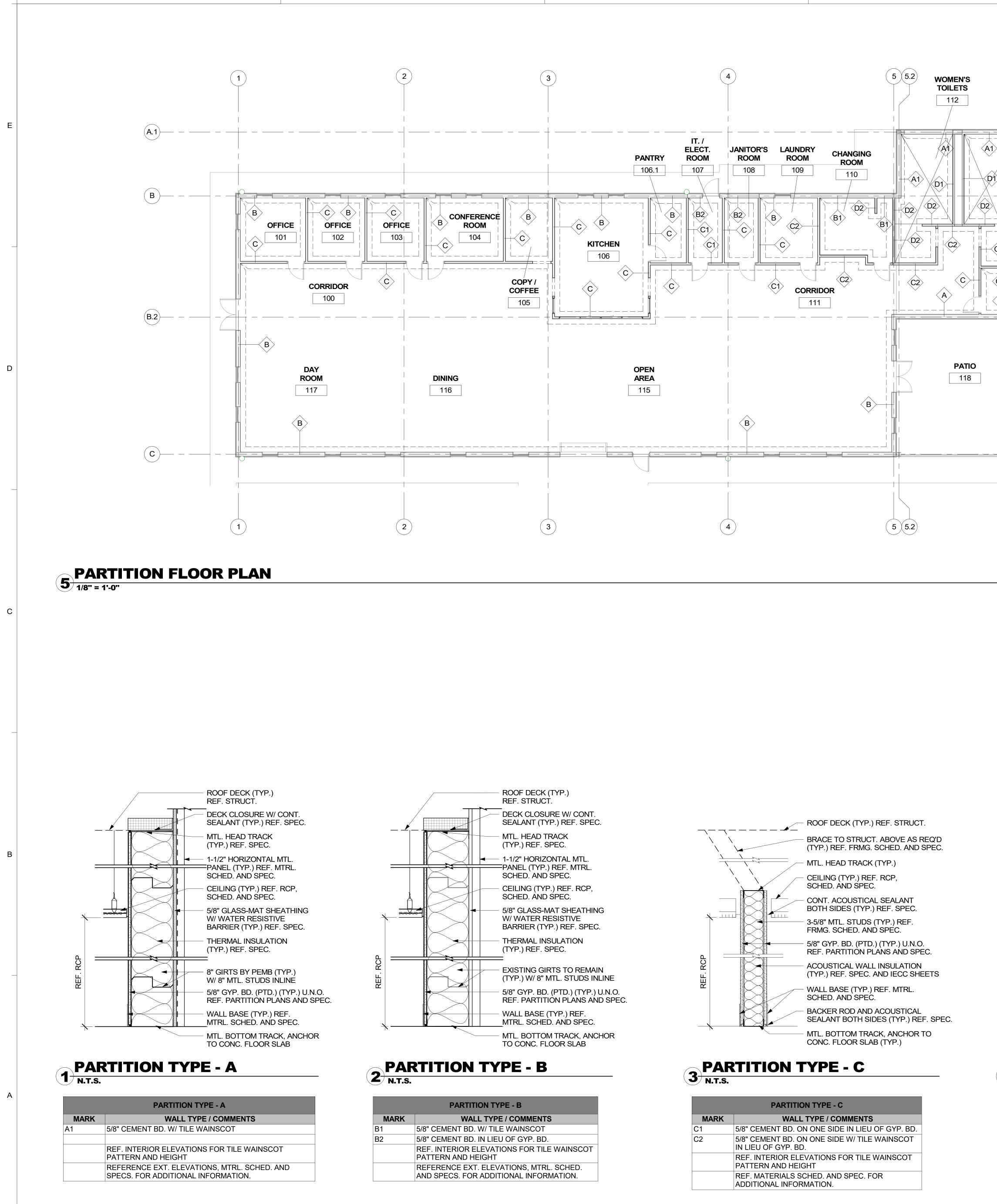
ADDITIONAL INFORMATION).

TES (GN) Y COMPLIANCE REQUIREMENTS ENERAL CONSTRUCTION. ASURING DRAWINGS. WHERE RCHITECT TO OBTAIN DIMENSIONS. INED AND MEASURED AND VERIFIED IERAL CONTRACTOR'S DINATED WITH OTHER DISCIPLINE - ~ o S TO COMPLETE INSTALLATION CONTROLS AND ACCESSORIES. ч z OORDINATED WITH OTHER in A 6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED Revisions COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR # Description Date _____ _____ _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 CIVIL ENGINEERING JOE M. CASTRO JR. S&B INFRASTRUCTURE LTD. 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MEP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 CENTER TX 78061 CAMINO REAL WORK FORCE 1796 IH 35 EAST, PEARSALL, ⁻ CO 20 ENLARGED FLOOR **FINISH AND** PAINT PLANS IFC SUBMITTAL Scale: As Indicated 020-004-000 <u>PLEASE BE ADVISED:</u> THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, I-401 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA. STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

			2		3		4		5 6	
	Image: A FINISH SCHEDULE D. ROOM NAME	FLOOR FINISH	WALL BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING	COMMENTS	
100	CORRIDOR		RUBBER		GYP. BD.	N/A	GYP. BD.	ACT	REF. I-100 FOR SOUTH WALL	
101 102	OFFICE OFFICE	LVT	RUBBER RUBBER	GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	ACT ACT	GYP. BD. SUBSTRATE TO HAVE STC RATING OF 50GYP. BD. SUBSTRATE TO HAVE STC RATING OF 50	
103 104	OFFICE CONFERENCE ROOM		RUBBER RUBBER	GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	ACT ACT	GYP. BD. SUBSTRATE TO HAVE STC RATING OF 50GYP. BD. SUBSTRATE TO HAVE STC RATING OF 50	
105 106	COPY / COFFEE KITCHEN		RUBBER RUBBER		GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	ACT ACT		
E 106.1	PANTRY IT. / ELECT. ROOM		RUBBER RUBBER		GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	ACT OPEN TO STRUCT.		
108 109	JANITOR'S ROOM LAUNDRY ROOM		RUBBER RUBBER		GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	ACT ACT		
110 111	CHANGING ROOM CORRIDOR		COVE RUBBER	TILED WAINSCOT WITH GYP. BD. GYP. BD.	TILED WAINSCOT WITH GYP. BD. GYP. BD.	TILED WAINSCOT WITH GYP. BD. GYP. BD.	TILED WAINSCOT WITH GYP. BD. GYP. BD.	GYP. BD. ACT	GYP. BD. SUBSTRATE TO HAVE STC RATING OF 45	
112 113	WOMEN'S TOILETS MEN'S TOILETS	POLISHED CONC.	COVE	TILED WAINSCOT WITH GYP. BD. TILED WAINSCOT WITH GYP. BD.	TILED WAINSCOT WITH GYP. BD. TILED WAINSCOT WITH GYP. BD.	TILED WAINSCOT WITH GYP. BD. TILED WAINSCOT WITH GYP. BD.	TILED WAINSCOT WITH GYP. BD. TILED WAINSCOT WITH GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. SUBSTRATE TO HAVE STC RATING OF 45 GYP. BD. SUBSTRATE TO HAVE STC RATING OF 45	
114 115	STORAGE OPEN AREA	POLISHED CONC.	RUBBER RUBBER	GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. GYP. BD.	GYP. BD. N/A	ACT PARTIAL ACT/PARTIAL GYP. BD.	REF. REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION	
116 117	DINING DAY ROOM	POLISHED CONC.	RUBBER RUBBER	N/A N/A	N/A N/A	GYP. BD. GYP. BD.	N/A GYP. BD.	ACT ACT	REF. I-100 FOR NORTH, EAST AND WEST WALL REF. I-100 FOR NORTH AND EAST WALL	
118	PATIO	SEALED CONC.	N/A	MTL. PANEL	N/A	N/A	MTL. PANEL	N/A	REF. REFLECTED CEILING PLAN AND ROOF PLAN FOR ADDITIONAL INFORMATIC	ON
INIEF NO.	RIOR MATERIALS SCHI		ΓΙΟΝ	MANUFACTURER	DESCRIPTION	COLOR / STYLE			COMMENTS	
ACT	ACOUSTICAL CEILING TILE	CEILING			CALLA SQUARE TEGULAR 2821 (2'X2') NF		REF. REFLECTED CEILING PLAN			
GT 1 GT 2	GROUT	KITCHEN WALL TOILETS AND CHANGING ROOM	1 WALLS	CUSTOM BUILDING PRODUCTS	122 LINEN 646 COFFEE BEAN					
GT 3 LVT	GROUT LUXURY VINYL TILE	DECORATIVE WALL FLOOR		CUSTOM BUILDING PRODUCTS MOHAWK FLOORING	122 LINEN WR09 MAGNOLIA		ALTERNATE FLOORING			
PL 1	PLASTIC LAMINATE	MILLWORK - INTERIOR SURFAC		PIONITE	D354 DESIGNER WHITE					
PL 2 PT 1 PT 2	PLASTIC LAMINATE PAINT	MILLWORK - EXTERIOR SURFAC	,20	PIONITE SHERWIN WILLIAMS	17013 WEBB OAK SW7072 ONLINE		REF. SHEET I-100			
PT 3	PAINT PAINT	WALL DOOR FRAMES		SHERWIN WILLIAMS SHERWIN WILLIAMS	SW7665 WALL STREET SW7076 CYBERSPACE		REF. SHEET I-100 REF. SHEET I-100			
PT 4 RB	PAINT RUBBER BASE	CEILING WALL BASE		SHERWIN WILLIAMS MANNINGTON COMMERICAL	SW7006 EXTRA WHITE 305 NAVY		REF. SHEET A-101, I-100			
SS 1 SS 2	SOLID SURFACE SOLID SURFACE	COPY/COFFEE AND LAUNDRY R KITCHEN COUNTERTOP	ROOM COUNTERTOP	WILSONART WILSONART	9074EA BLUESTONE 9208CS WHITE STONE					
SS 3 SS 3	SOLID SURFACE SOLID SURFACE	TOILET COUNTERTOPS TOILET COUNTERTOPS		WILSONART WILSONART	9218CM GREY BEOLA 9218CM GREY BEOLA					
SS 4 TS 1	SOLID SURFACE THRESHOLD	WINDOW SILLS FLOOR		WILSONART TBD	9244SS MIDNIGHT FROST TBD					
TS 2 WS	THRESHOLD WINDOW SHADE	FLOOR WINDOWS		TBD HUNTER DOUGLAS	TBD MAMBO OATMEAL TAN					
WT 1 WT 2	WALL TILE WALL TILE	WALL - TOILETS WALL - TOILETS		DALTILE INTERCERAMIC	TRAVERTINE TURCO CLASSICOAUTUMN LEAVES TURKISH TRAVERTINE					
WT 3 WT 4	WALL TILE - BULLNOSE WALL TILE - BASE	WALL - TOILETS WALL - TOILETS		INTERCERAMIC INTERCERAMIC	AUTUMN LEAVES TURKISH TRAVERTINE AUTUMN LEAVES TURKISH TRAVERTINE					
WT 5 WT 6	WALL TILE WALL TILE	DECORATIVE WALL KITCHEN BACKSPLASH		DALTILE DALTILE	DA30 LUMIA LEAF BEIGE CASCADE WHITE CHELSEA GLASS					
EXTE	RIOR MATERIALS SCH									
NO.	COMPONENT	FINISH / COLOI		LOCATION	TYPE / MATERIAL	MAUNF.			COMMENTS	
RAL-1 MTL-9	RAILING EXPOSED STEEL STRUCTURE	GALVANIZED REF. PAINT SCHED.		ERIOR ELEVATIONS AND SECTIONS.	1-1/2" DIA. STEEL PIPE -	R&B WAGNER, INC.	REFERENCE SPECIFICATIONS FOR ADDIT			
MTL-8 C MTL-7	OVERHEAD ROLLING DOOR DOOR FRAME	REF. PAINT SCHED.		ERIOR ELEVATIONS	620 SERIES -		REFERENCE SPECIFICATIONS FOR ADDIT	ONAL INFORMATION.		
MTL-6 MTL-5	WINDOW FRAME DOWNSPOUT / FLASHING / MISC. SHEET		REFERENCE EXTE	ERIOR ELEVATIONS ERIOR ELEVATIONS AND SECTION DETAILS	TRIFAB 451 -	KAWNEER -	REFERENCE SPECIFICATIONS FOR ADDIT	ONAL INFORMATION.		
MTL-4 MTL-3	GUTTER SOFFIT PANEL	POLAR WHITE POLAR WHITE		ERIOR ELEVATIONS OVERHANG REF. RCP AND SECTION DETAILS	BOX EVE PROFILE FW-120	MBCI MBCI	REFERENCE SPECIFICATIONS FOR ADDITI REFERENCE SPECIFICATIONS FOR ADDITI			
MTL-2 MTL-1	HORIZONTAL METAL PANEL ROOF PANEL	CHARCOAL GRAY POLAR WHITE	REFERENCE EXTE REFERENCE ROO	ERIOR ELEVATIONS IF PLAN	MASTERLINE 16 PBR PANEL PROFILE	MBCI MBCI	REFERENCE SPECIFICATIONS FOR ADDITI REFERENCE SPECIFICATIONS FOR ADDITI			
GLZ-1	GLASS	SMOKED GRAY	REFERENCE EXTE	ERIOR ELEVATIONS	OPTIFLOAT (LOW-E INSULATED)	PILKINGTON	REFERENCE SPECIFICATIONS FOR ADDIT	ONAL INFORMATION.		
_										
	PT-1			PT-X REF. PLAN	PAINT					
N N	NT-3			WT-5						
	WT-1 →									
N 1	NT-2									
В	NT-4			RB						
	$\frac{1}{3/8"} = 1'-0"$		2 3/8" = 1'-0"	ELEVATION						
_										
A										





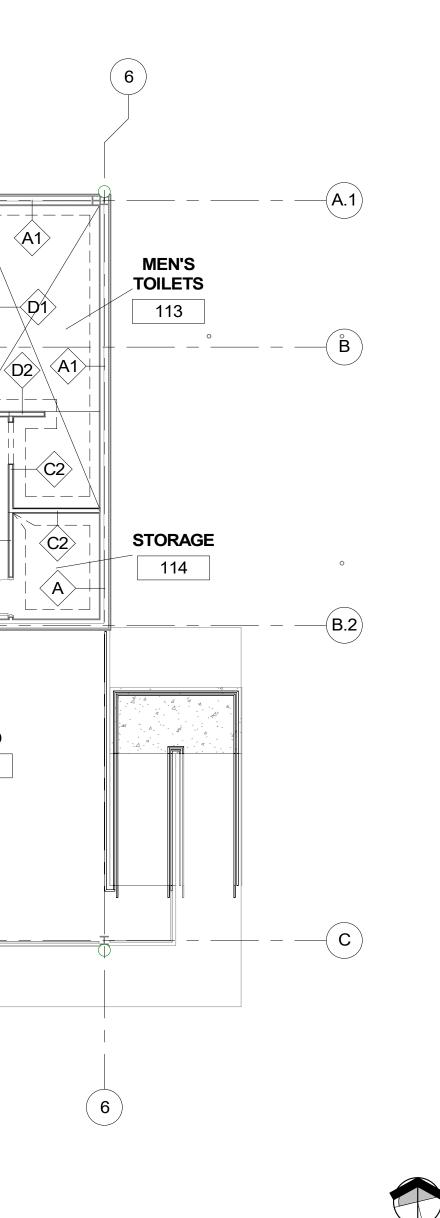


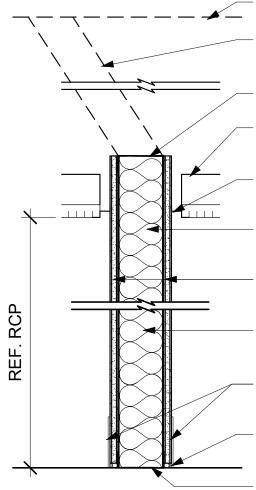
ON TYPE - B
TYPE / COMMENTS
W/ TILE WAINSCOT
N LIEU OF GYP. BD.
EVATIONS FOR TILE WAINSCOT
ELEVATIONS, MTRL. SCHED.

``,	-
REF. RCP	

3

	PARTITION TYPE - C
MARK	WALL TYPE / COMMENTS
1	5/8" CEMENT BD. ON ONE SIDE IN LIEU OF GYP. E
2	5/8" CEMENT BD. ON ONE SIDE W/ TILE WAINSCO IN LIEU OF GYP. BD.
	REF. INTERIOR ELEVATIONS FOR TILE WAINSCO PATTERN AND HEIGHT





- ROOF DECK (TYP.) REF. STRUCT. BRACE TO STRUCT. ABOVE AS REQ'D (TYP.) REF. FRMG. SCHED. AND SPEC. - MTL. HEAD TRACK (TYP.) CEILING (TYP.) REF. RCP, SCHED. AND SPEC. CONT. ACOUSTICAL SEALANT BOTH SIDES (TYP.) REF. SPEC. - 3-5/8" MTL. STUDS (TYP.) REF. FRMG. SCHED. AND SPEC. - 5/8" CEMENT BD. (PTD.) (TYP.) U.N.O. REF. PARTITION PLANS AND SPEC. ACOUSTICAL WALL INSULATION (TYP.) REF. SPEC. AND IECC SHEETS WALL BASE (TYP.) REF. MTRL. SCHED. AND SPEC.

BACKER ROD AND ACOUSTICAL SEALANT BOTH SIDES (TYP.) REF. SPEC. - MTL. BOTTOM TRACK, ANCHOR TO CONC. FLOOR SLAB (TYP.)

PARTITION TYPE - D N.T.S.

	PARTITION TYPE - D
MARK	WALL TYPE / COMMENTS
D1	5/8" CEMENT BD. ONLY ON ONE SIDE W/ TILE WAINSCOT (CHASE WALL)
D2	W/ TILE WAINSCOT ON BOTH SIDES
	REF. INTERIOR ELEVATIONS FOR TILE WAINSCOT PATTERN AND HEIGHT
	REF. MATERIALS SCHED. AND SPEC. FOR ADDITIONAL INFORMATION.

GENERAL NOTES (GN) 1. REFERENCE SHEET G-SHEETS FOR ACCESSIBILITY COMPLIANCE REQUIREMENTS 2. DO NOT ATTEMPT TO OBTAIN DIMENSIONS BY MEASURING DRAWINGS. WHERE ADDITIONAL DIMENSIONING IS NEEDED. CONTACT ARCHITECT TO OBTAIN DIMENSIONS. OTHERWISE, DIMENSIONS SHALL BE FIELD DETERMINED AND MEASURED AND VERIFIED 3. CONFIRM AND COORDINATE ALL WORK WITH GENERAL CONTRACTOR'S 4. NEW EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINE a o DRAWINGS. PROVIDE ALL WORK AND COMPONENTS TO COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO TRIM, CONDUITS, CONTROLS AND ACCESSORIES. 5. ALL DEMOLITION/EXCAVATION WORK SHALL BE COORDINATED WITH OTHER DISCIPLINE DWGS AND WITH NEW WORK. DIMENSIONS, CLEARANCES AND MOUNTING HEIGHTS ON SHEET G-003.1 ADA 7. CONTRACTOR TO INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED Revisions COMPONENTS AND TOILET ACCESSORIES (REFERENCE SPECIFICATIONS FOR # Description Date _____ CONSULTANTS ARCHITECT STEVE J. PATMON, AIA SJPA, LLC. 510 EAST RAMSEY RD., SUITE 1A SAN ANTONIO, TX 78216 PHONE: (210) 979-3888 **CIVIL ENGINEERING** JOE M. CASTRO JR. S&B INFRASTRUCTURE I TD 5805 CALLAGHAN ROAD, SUITE 202 SAN ANTONIO, TX 78228 PHONE: (210) 706-5800 STRUCTURAL ENGINEERING JIE LIU S&B INFRASTRUCTURE, LTD. 15150 MEMORIAL DRIVE HOUSTON, TX 77079 PHONE: (713) 302-0700 MFP LORENZO SANCHEZ CLEARY ZIMMERMANN ENGINEERS 1344 S. FLORES, SUITE 101 SAN ANTONIO, TX 78204 PHONE: (210) 447-6100 05/05/21 ER)61 CENTI TX 780 Ш FORCE RSALL. Жī , Р Г \mathbf{O} 20 ≥⊢ REAL 35 EAS N N N CAMI 1796 PARTITION TYPES IFC SUBMITTAL Scale: As Indicated 020-004-000 PLEASE BE ADVISED: THIS DOCUMENT MAY CONTAIN SENSITIVE AND/OR PROPRIETARY INFORMATION AND THEREFORE MUST BE TREATED AS A CONFIDENTIAL DOCUMENT. 05/05/2021 ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN SHALL BE MAINTAINED AND TRANSMITTED IN A CONFIDENTIAL MANNER. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED, I-605 RELEASED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF SJPA. STEVE J. PATMON, ARCHITECT. ANY DISTRIBUTION TO NON-SJPA CONSULTANTS, ENTITIES OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

AND NOTES FOR DEMOLITION, EXCAVATION AND GENERAL CONSTRUCTION. PRIOR TO PROCEEDING WITH WORK IDENTIFIED.

CONSTRUCTION FIELD REPRESENTATIVE AS REQUIRED.

6. WHERE DIMENSIONS OR MOUNTING HEIGHTS DO NOT CORRELATE WITH COMPLIANCE, CONTACT ARCHITECT FOR CLARIFICATION.

ADDITIONAL INFORMATION).

<u>G</u>	<u>ENERAL NOTES</u>	
1.	DESIGN CODES: IBC 2018, ASCE/SEI 7–16, AND ACI 318–14.	
2.	THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY WHICH MAY EXIST.	
3.	ALL FOOTINGS & MATS ARE TO BE PLACED ON FIRM AND CLEAN SOIL (SEE GEOTECHNICAL REPORT). THE SOIL BEARING SHOULD BE VERIFIED AT THE FOOTINGS BY THE GEOTECHNICAL ENGINEER. THE SOIL BEARING PRESSURE SHOULD BE REPORTED TO THE ENGINEER.	
4.	SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPE, AND THE LOCATION OF DEPRESSED FLOOR AREAS.	NOTE
5.	SLABS ON GRADE SHALL BE PLACED ON THE COMPACTED BACK FILL AS SPECIFIED BY THE GEOTECHNICAL REPORT.	
6.	FOR FOUNDATIONS CONSTRUCTION AND FIELD PREPARATION SEE BRAUN INTERTEC – GEOTECHNICAL EVALUATION REPORT (B2006035) FOR PROPOSED EXCAVATION AND FOUNDATION CONSTRUCTION.	
1.	ALL CONCRETE REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 EXCEPT WHERE NOTED. NO.3 BARS MAY CONFORM TO ASTM A615, GRADE 40. ALL REINFORCING BARS WELDED TO A STEEL SECTION SHALL BE OF WELDABLE GRADE 40, CONFORMING TO ASTM-A706	
2.	CONCRETE SHALL HAVE SAND, GRAVEL AGGREGATE AND TYPE I PORTLAND CEMENT WITH DESIGNATED COMPRESSIVE STRENGTH (F'C) IN 28 DAYS:	
	FOOTINGS, GRADE BEAMS, PEDESTALS, PILES & PILE CAP (3000 PSI) MAT, FLOOR SLABS, AND WALLS(3000 PSI)	
3.	ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.	
4.	DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI PUBLICATION 315, LATEST EDITION.	
5.	ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE AND OUR SPECIFICATIONS.	
6.	CONCRETE COVER FOR REINFORCEMENT OF POURED-IN-PLACE MEMBERS:	
	FOOTINGS	2 Ff R
7.	ALL "CONTINUOUS" REINFORCEMENT SHALL HAVE MINIMUM LAP OF "B" TYPE (ACI 318, SECTION 25.5.2.1) AT SPLICES UNLESS NOTED OTHERWISE,	
R	PROVIDE 3" X 6" X 20 GAGE SHEET METAL. BAR CHAIRS AT 1'-0"	

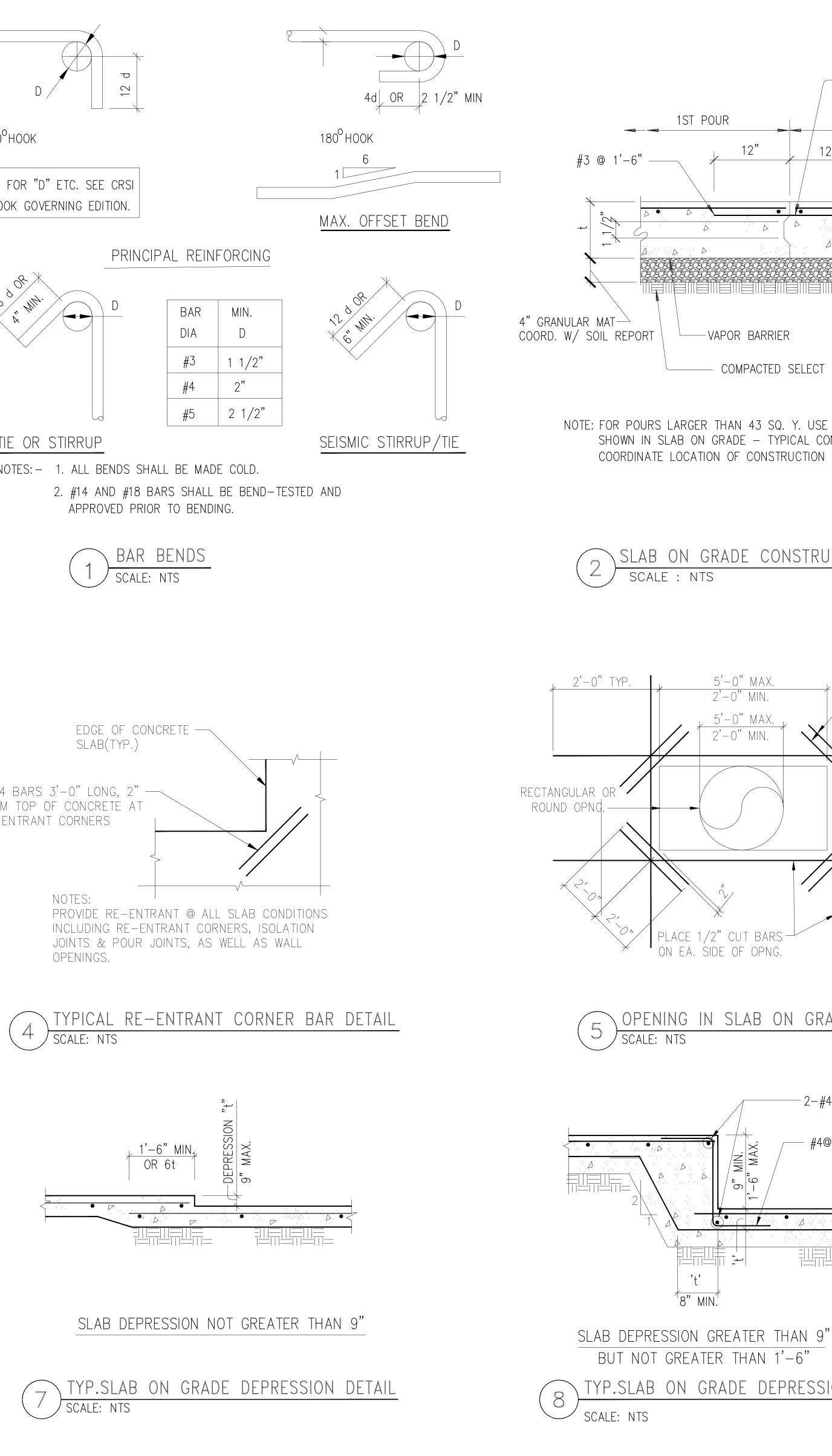
STRUCTURAL ENGINEER. 10. WITHOUT PRIOR APPROVAL OF THE ENGINEER, ALL SPREAD FOOTINGS SHALL BE POURED MONOLITHIC.

MAXIMUM CENTERS EACH WAY FOR ALL REINFORCING SLABS ON GRADE.

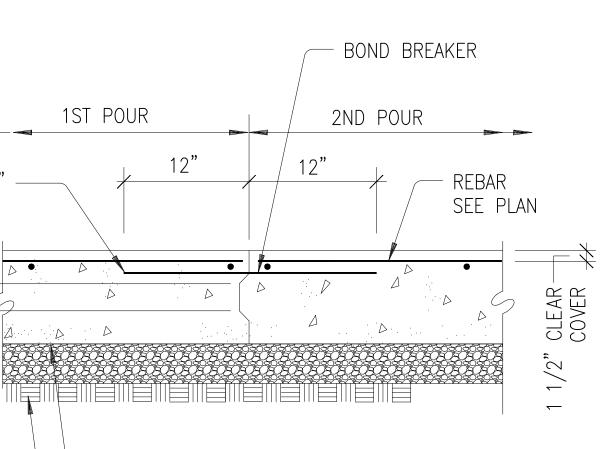
REINFORCING BARS SHALL NOT BE WELDED WITHOUT APPROVAL OF THE



2



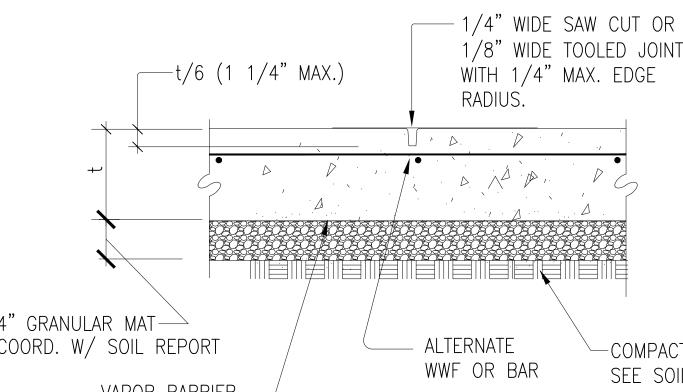
3



-VAPOR BARRIER

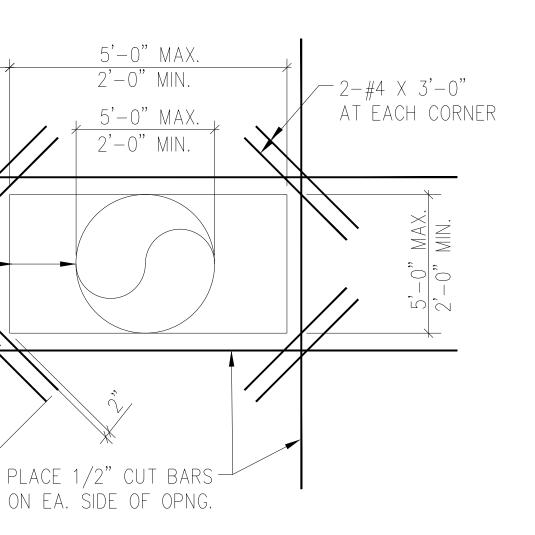
COMPACTED SELECT FILL - SEE SPECS & SOIL REPORT.

NOTE: FOR POURS LARGER THAN 43 SQ. Y. USE SAW CUTTING DETAILS AS SHOWN IN SLAB ON GRADE - TYPICAL CONTROL JOINT COORDINATE LOCATION OF CONSTRUCTION JOINTS WITH ARCHITECTS.

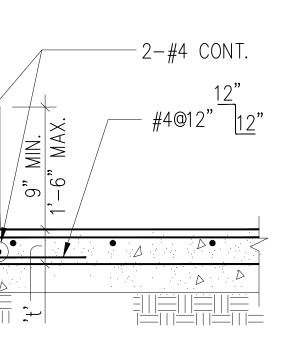


- BETWEEN THESE JOINTS DOES NOT EXCEED 43 SQ. Y. UNLESS LOCATIONS ARE SPECIFICALLY SHOWN ON STRUCTURAL PLANS.

SLAB ON GRADE CONSTRUCTION JOINT



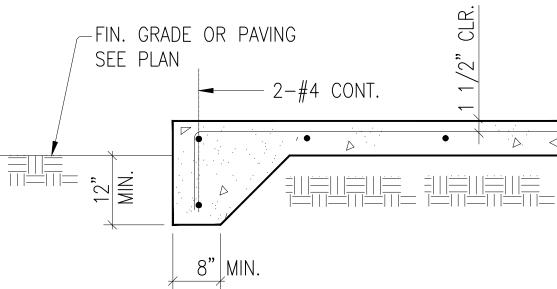




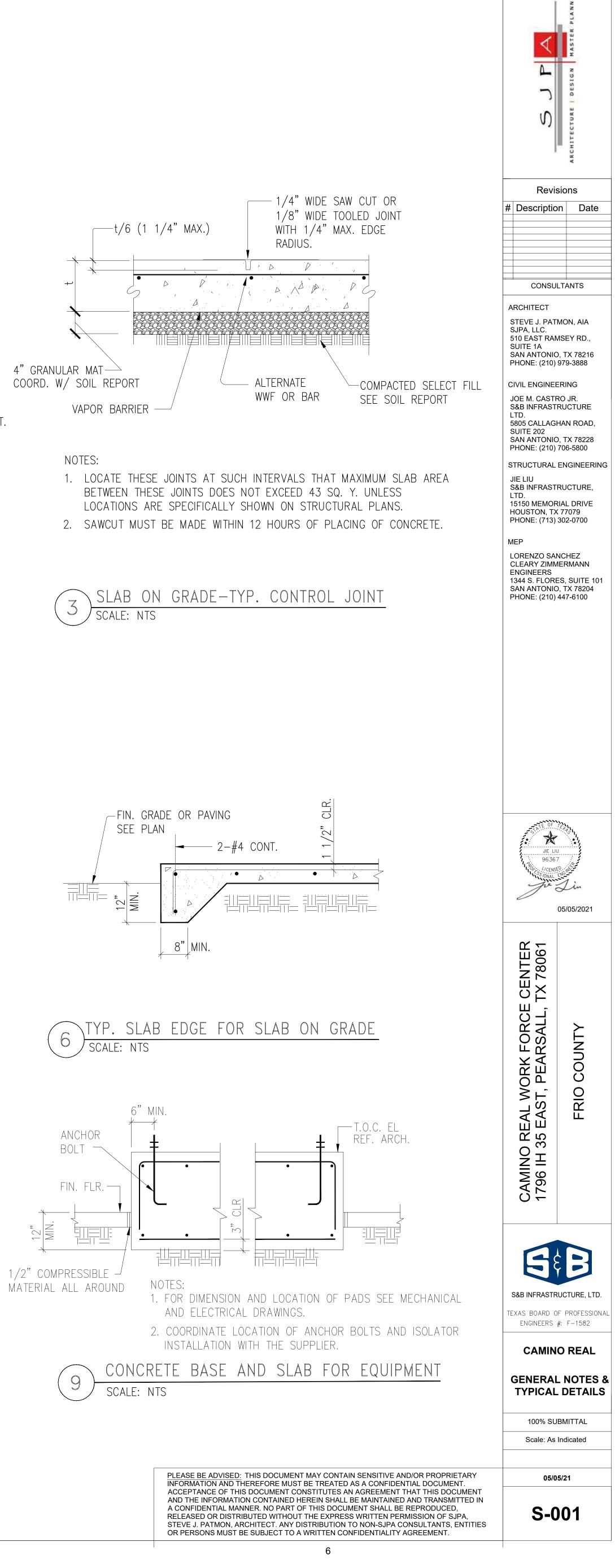


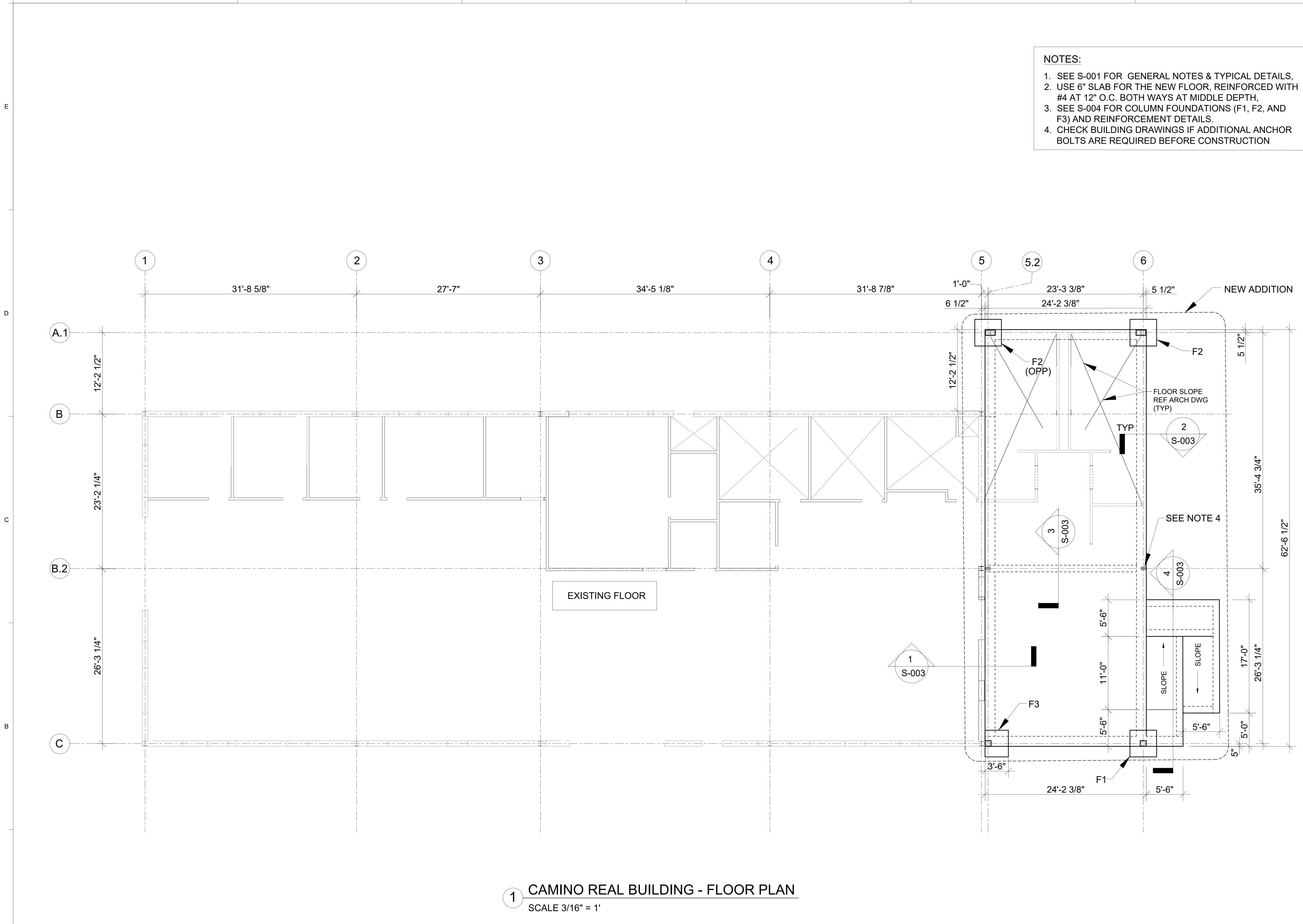
TYP.SLAB ON GRADE DEPRESSION DETAIL









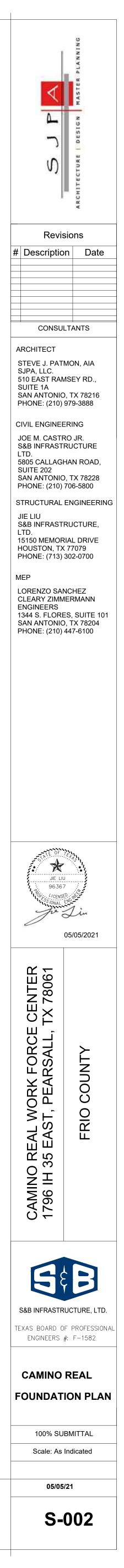


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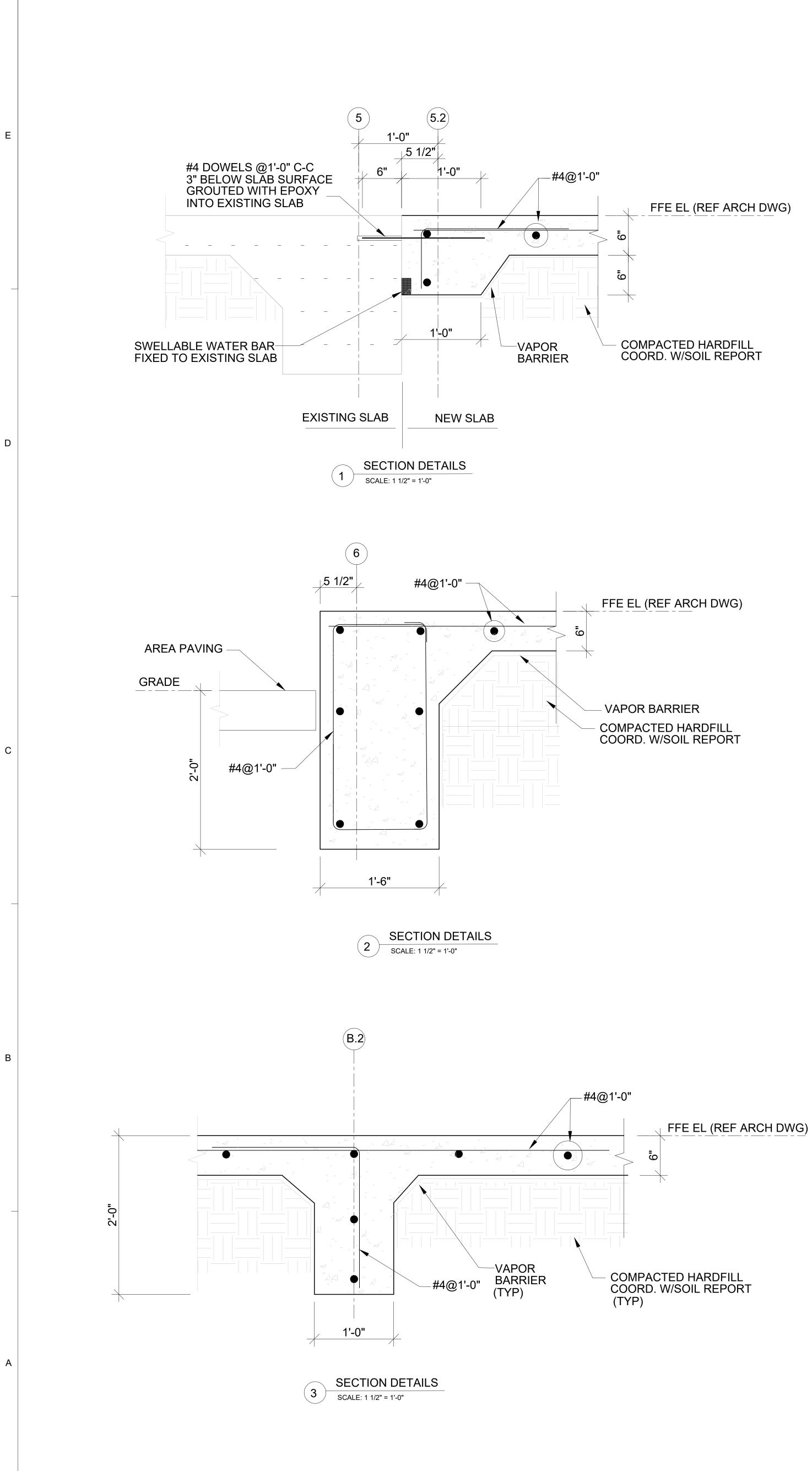
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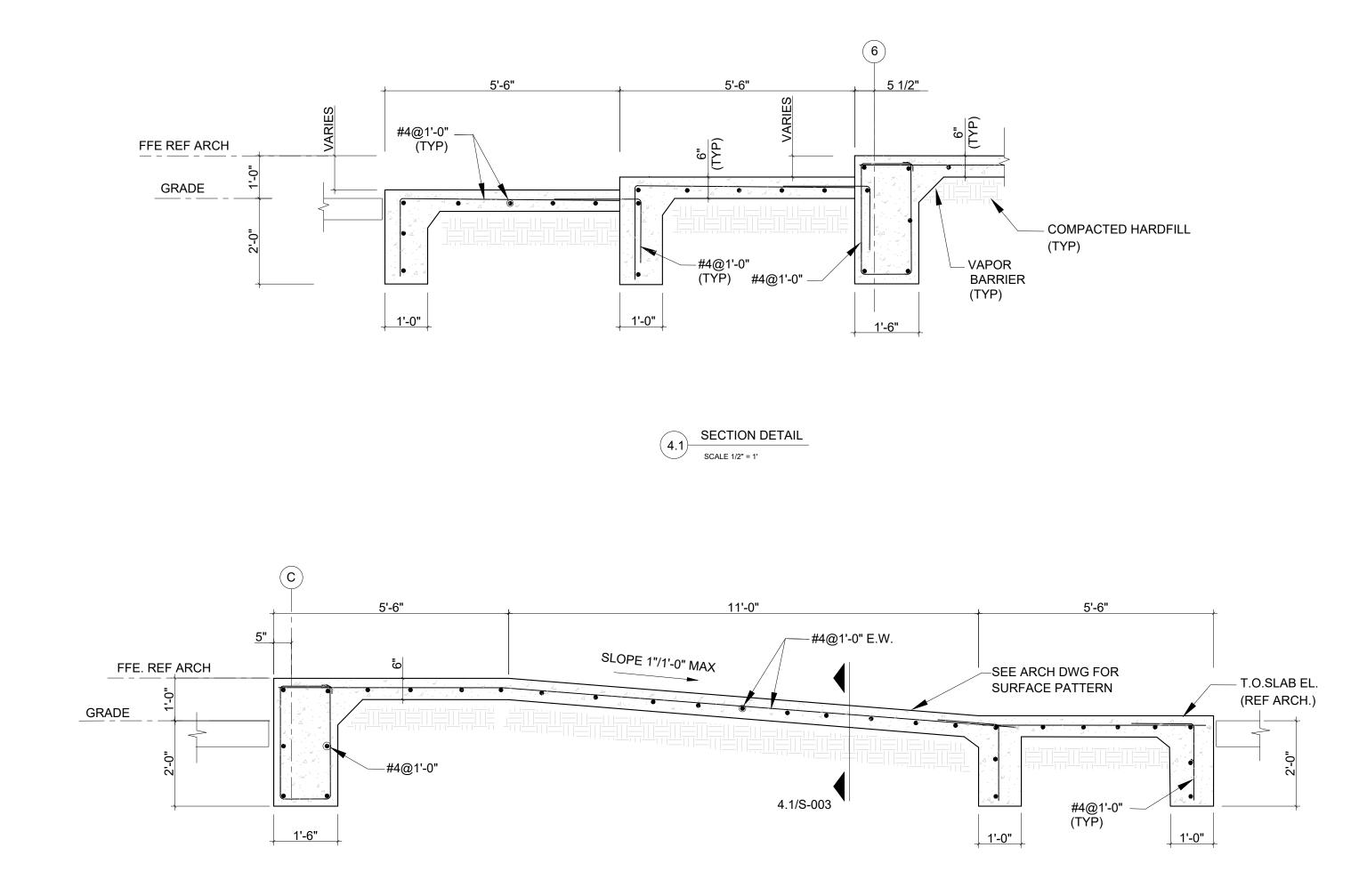
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FFE EL (REF ARCH DWG)

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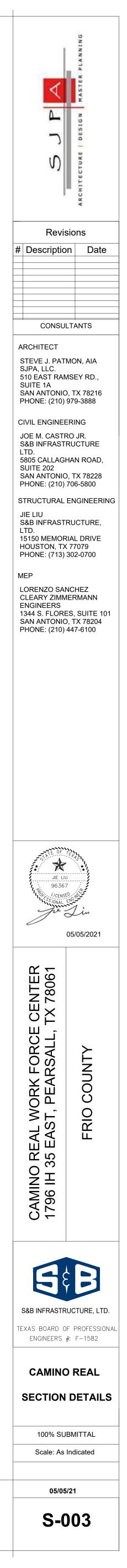


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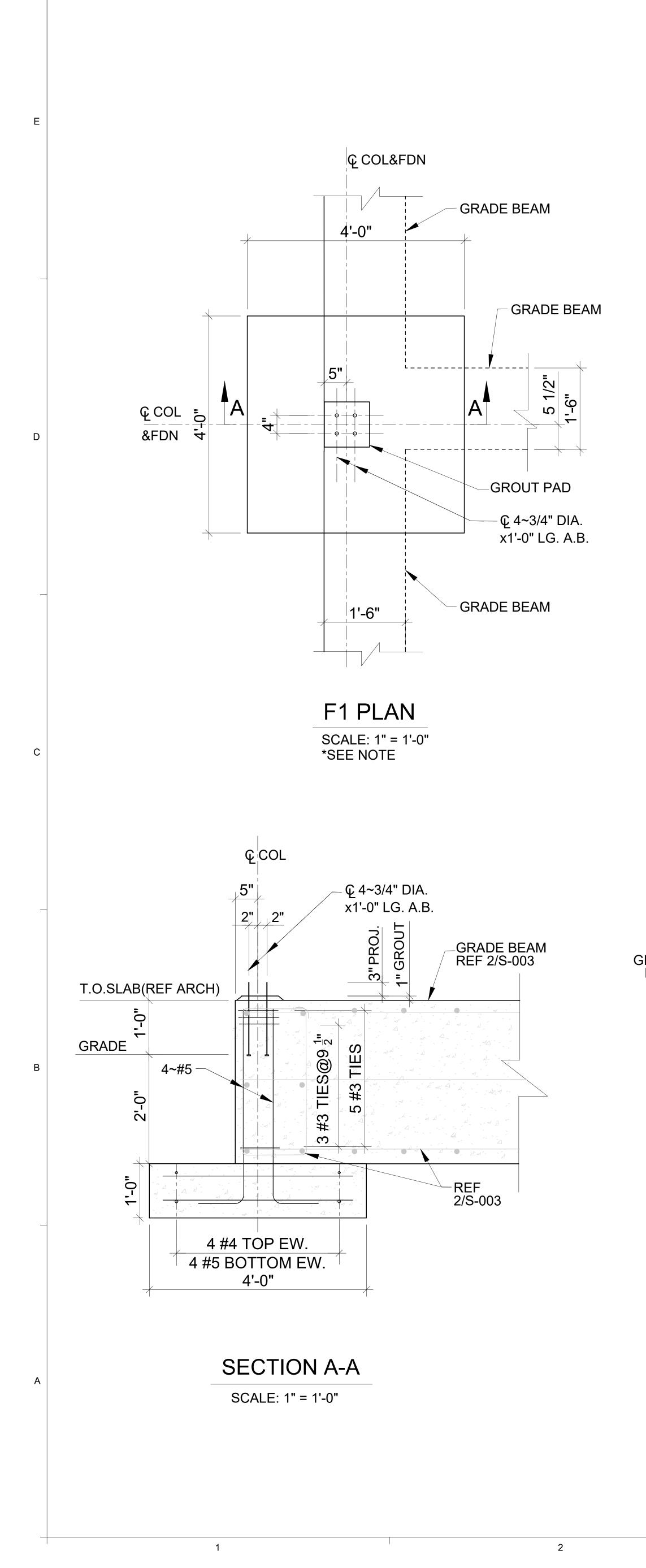
NOTE: SEE S-001 FOR GENERAL NOTES & TYPICAL DETAILS 6

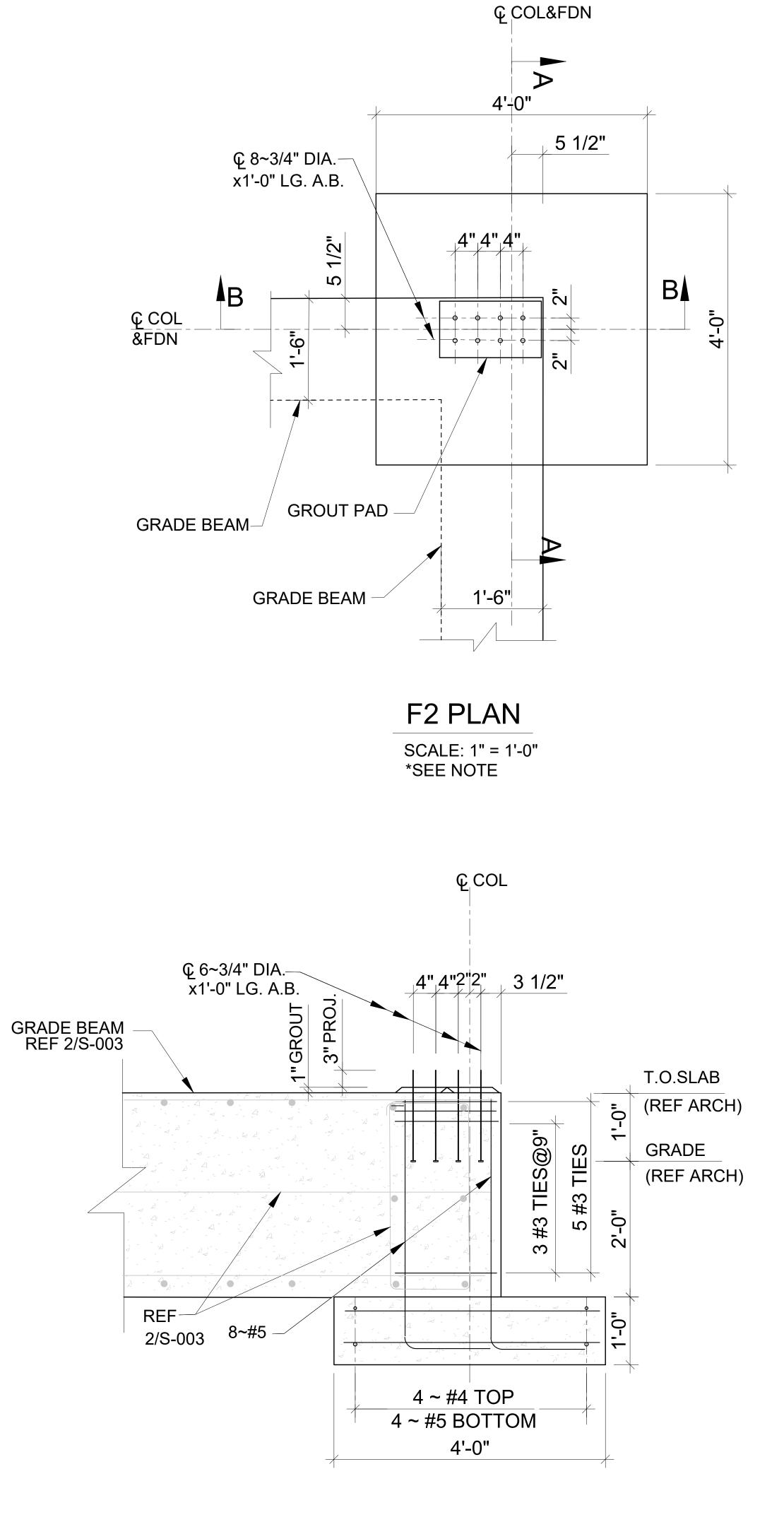
4 RAMP SECTION SCALE 1/2" = 1'-0"

4



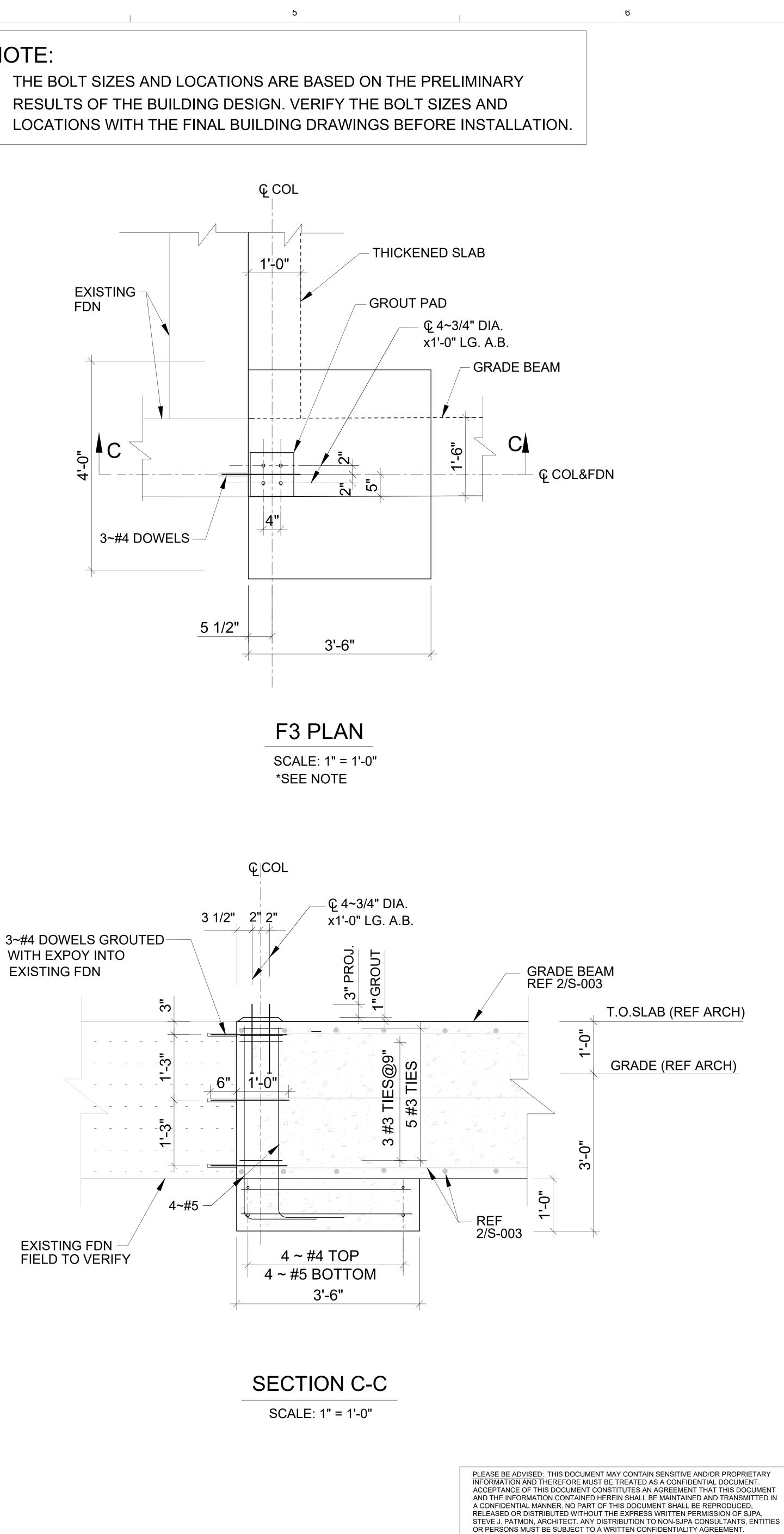
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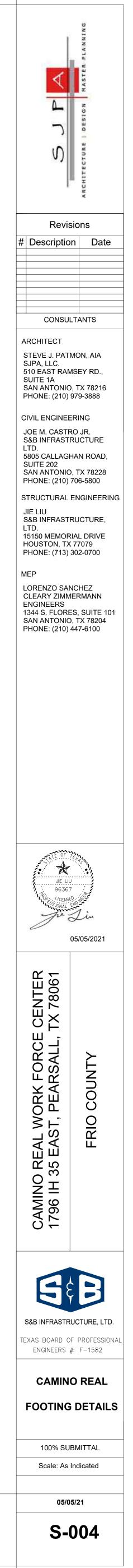




SECTION B-B

SCALE: 1" = 1'-0"





	DUCTWORK S	SYMBOLS	DUCTWOR	<u> (SYMBOLS</u>
	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
Е		FLAT OVAL DUCT SECTION		ROOF HOOD
		ROUND DUCT SECTION		FAN COIL (2 OR 4 PIPE)
	30x24	DUCT SECTION, POSITIVE PRESSURE, FIRST FIGURE IS TOP		IN-LINE CENTRIFUGAL FAN
	30x24	DUCT SECTION, NEGATIVE PRESSURE, FIRST FIGURE IS TOP	CONTE	ROLS
_	30x24	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN.	SYMBOL	DESCRIPTION
	30x24ø	FLAT OVAL DUCTWORK, FIRST FIGURE IS SIDE SHOWN	()	
		CHANGE OF ELEVATION - UP OR DOWN	T	THERMOSTAT, REMOTE BULB
			Τ	TEMPERATURE SENSOR
	A.D.	ACCESS DOORS, VERTICAL OR HORIZONTAL	(\mathbb{H})	HUMIDISTAT
D		ACOUSTICAL LINING (INSULATION)	H	HUMIDITY SENSOR
		DEMOLITION DUCTWORK	F	FIRESTAT
		EXISTING DUCT	<u>PIPING G</u> SYMBOL	ENERAL DESCRIPTION
		EXISTING UNDERGROUND RETURN AIR DUCT	<u></u>	
		FLEXIBLE CONNECTION	F.S.	FLOW SWITCH PRESSURE SWITCH
		FLEXIBLE DUCT (SINGLE LINE REPRESENTATION)		STRAINER, WYE WITH
		FLEXIBLE DUCT (DOUBLE LINE REPRESENTATION)	Bij	DRAIN VALVE
		MANUAL VOLUME DAMPER	-+ □ +-	STRAINER - VERTICAL BASKET TYPE
С	V.D.		© F.D.	FLOOR DRAIN
	F.D.	MOTORIZED VOLUME DAMPER		AUTOMATIC AIR VENT PIPED TO DRAIN
		FIRE DAMPER (WITH ACCESS DOOR)		MANUAL AIR VENT PIPED TO DRAIN
	S.F.D.	SMOKE/FIRE DAMPER (WITH ACCESS DOOR) (OPTIONAL DSD AS INDICATED)		GAUGE COCK
		REFRIGERANT SIGHT GLASS	Q ,‡	PRESSURE GAUGE WITH GAUGE COCK
	FD, SD, S	DETECTORS, FIRE AND / OR SMOKE		FLOW VENTURI
		DIRECTION OF AIR FLOW	\mathbf{Y}	FLOW METER (PITOT OR ORIFICE)
	24/8	DUCT TRANSITION		NEW PIPING
		ELBOWS WITHOUT TURNING VANES		EXISTING PIPING
В		ELBOWS WITH TURNING VANES	 D	PIPING TO BE DEMOLISHED
		BRANCH DUCT WITH HEEL TAP AND DAMPERS (RETURN DUCT FLOW IS REVERSE)		PIPE RISE (R) OR DROP (D) FLOW - IN DIRECTION OF ARROW
	$r \frac{A}{300}$ V.D.	AIR DEVICE TYPE "A", 300 CFM	SUPPLY	WATER SUPPLY PIPING (2 PIPE)
		LINEAR SLOT DEVICE TYPE "A", 200 CFM	RETURN	WATER RETURN PIPING (2 PIPE)
		SUPPLY GRILLE OR REGISTER, SIDEWALL	C+	RISER DOWN (ELBOW)
		TYPE "A", 200 CFM.	+ 0	RISER UP (ELBOW)
		RETURN/EXHAUST AIR DEVICE, TYPE "RA"	+C+	RISE OR DROP
		RETURN/EXHAUST GRILLE OR REGISTER, SIDEWALL, DEVICE TYPE "A"	t	BRANCH CONNECTION OUT OF TOP
Α	(\boxtimes)	ROOF VENTILATOR, SUPPLY		
		ROOF VENTILATOR, EXHAUST		

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PIPING GENERAL		VAL	VES
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
\	BRANCH CONNECTION OUT OF BOTTOM	Ka	SOLENOID VALVE
,ł,	BRANCH CONNECTION OUT OF SIDE		HOSE VALVE (UTILITY PURPOSES)
]	CAP ON END OF PIPE	₩ 0	THERMOSTATIC EXPANSION VALVE
	PLUGGED TEE	→	SWING CHECK VALVE
	PUMP	8	VALVE IN RISER (TYPE AS SPEC'D OR NOTED)
	CONCENTRIC REDUCER	—I⊽I—	PLUG VALVE
	ECCENTRIC REDUCER	COO	LING
-	UNION (SCREWED)	SYMBOL	DESCRIPTION
	UNION (FLANGED)	CHWS	CHILLED WATER SUPPLY
——————————————————————————————————————	PIPE ANCHOR		CHILLED WATER RETURN
o	BLADDER TYPE TEMP. OR PRESS. TEST PORT (WITH COVER)	CWS	CONDENSOR WATER SUPPLY
<i></i>	MECHANICAL GROOVED PIPE COUPLING	CWR	CONDENSOR WATER RETURN
	FLEXIBLE PIPE CONNECTOR	RL	REFRIGERANT LIQUID
Π	THERMOMETER (STRAIGHT SCALE)	RS	REFRIGERANT SUCTION
<u> </u>		RHG	REFRIGERANT HOT GAS
	THERMOMETER OR CONTROL TEST BULB WELL	HGB	HOT GAS BYPASS
0	THERMOSTAT	MUW	MAKE-UP WATER

— D —

3

<u>VALVES</u>

SYMBOL	DESCRIPTION	
$\neg \nabla \vdash$	AUTOMATIC FLOW CONTROL VALVE	SYMBC
	CALIBRATED BALANCING VALVE	
F.M.	COMBINATION BALANCING AND FLOW METER	HWR-
	EXPANSION VALVE	HPS-
	VALVE, SELF-OPERATING	LPS-
\bowtie	PRESSURE REDUCING VALVE	PCR-
	PRESSURE RELIEF VALVE	S15-
T&P	TEMPERATURE AND PRESSURE RELIEF VALVE	BFW-
	THREE WAY VALVE (AUTOMATIC)	
\mathbb{X}	TWO WAY VALVE (AUTOMATIC)	
$\overline{\mathbf{A}}$	NON-SLAM CHECK VALVE	<u>DR</u>
ເ⊗ົ່າ M.S. ເ⊗ົ່າ	BALL VALVE	SYMBC
	BALL VALVE (MEMORY STOP) OUTSIDE STEM AND	٢
大	YOKE GATE VALVE	\mathbf{C}
R	GATE VALVE	\bigcirc
Å	FLOAT VALVE	
\bowtie	GLOBE VALVE	(

HEATI	NG
SYMBOL	DESCRIPTION
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
HPS	HIGH PRESSURE STEAM CONDENSATE
LPS	LOW PRESSURE STEAM CONDENSATE
PCR	PUMPED CONDENSATE RETURN
S15	STEAM SUPPLY (PRESSURE AS INDICATED)
BFW	BOILER FEED WATER
⊗	THERMOSTATIC TRAP
⊗	FLOAT AND THERMOSTATIC TRAP

DRAIN LINE

DRAWING SYMBOLS	

SYMBOL	DESCRIPTION
٢	NEW TO EXISTING CONNECTION
\bigcirc	SECTION ARROW - SECTION 1, SHEET M100
	DETAIL OR PLAN NUMBER 1, SHEET M500 (SCALE AS INDICATED)
	EQUIPMENT MARK
	ROOM NUMBERS

KEY NOTES

BUTTERFLY VALVE

 \bowtie

ABBREVIATIONS

4

MECH

MECHANICAL

5

4

ABBREVIATIONS

5

ABBREVI	<u>ATIONS</u>	ABBRE	<u>VIATIONS</u>
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
ABV	ABOVE	MIN	MINIMUM
AC	ABOVE CEILING	MOBD	MOTORIZED OPP
ACC	AIR COOLED CHILLER	MTD	MOUNTED
AD	ACCESS DOOR	NA	NOT APPLICABLE
AFF	ABOVE FINISHED FLOOR	NC	NORMALLY CLOS
AHU	AIR HANDLING UNIT	NIC	NOT IN CONTRAC
APPROX.	APPROXIMATE	NO	NORMALLY OPEN
AV		NTS	NOT TO SCALE
ARCH. B	ARCHITECTURAL BOILER	OA OBD	OUTSIDE AIR OPPOSED BLADE
BDD	BACK DRAFT DAMPER	ОН	OVERHEAD
BF	BELOW FLOOR	PD	PRESSURE DROF
BLDG.	BUILDING	PLBG	PLUMBING
BHP	BRAKE HORSEPOWER	PRESS	PRESSURE
BTU	BRITISH THERMAL UNIT	PSI	POUNDS PER SQ
CFM	CUBIC FEET PER MINUTE	PTAC	PACKAGE TERMI
СН	CHILLER	PVC	POLYVINYL CHLO
CI	CAST IRON	RA	RETURN AIR
CLG	CEILING	REFRIG.	REFRIGERATION
CO	CLEANOUT	RHD	RELIEF HOOD
	CONDENSATE	RH	
COND CONNX/CONX.	CONDENSATE	RTU SA	ROOF TOP UNIT SUPPLY AIR
CONNA/CONA.	CONTINUATION	SCH	SCHEDULE
ÊP	CENTRAL PLANT	SCH	SCHEDULE SMOKE DAMPER
	CENTERLINE	SF	SQUARE FOOT
СТ	COOLING TOWER	SHT	SHEET
CU	CONDENSING UNIT	SP	STATIC PRESSUF
снw	CHILLED WATER	SPEC	SPECIFICATION
CWP	CHILLED WATER PUMP	STD	STANDARD
DDC	DIRECT DIGITAL CONTROLS	STL	STEEL
DG	DOOR GRILLE	SW	SWITCH
DI	DUCTILE IRON	T/A	THROW AWAY (FI
DIA	DIAMETER	T-STAT	THERMOSTAT
DB	DRYBULB	TEMP	TEMPERATURE
DN	DOWN	TSH	TOTAL SENSIBLE
DSD	DUCT SMOKE DETECTOR	TXV	THERMOSTATIC E
DWG	DRAWING	ТҮР	TYPICAL
DX	DIRECT EXPANSION	UF	UNDER FLOOR
EA	EXHAUST AIR	UG	UNDERGROUND
EAT	ENTERING AIR TEMPERATURE	UH	UNIT HEATER
EDH	ELECTRIC DUCT HEATER	UL	UNDERWRITER'S
EF	EXHAUST FAN	V	VENT
EG ELECT	EXHAUST GRILLE ELECTRICAL	VB VCP	VALVE BOX VITRIFIED CLAY P
ELECT	ELEVATION	VEL	VELOCITY
EMCS	REFRIGERANT MONITORING CONTROL SYSTEM	VEL	VENTILATE
ENT	ENTERING	VOL	VOLUME
EQUIP.	EQUIPMENT	VOLT	VOLTAGE
ERV	ENERGY RECOVERY VENTILATOR	VTR	VENT THRU ROO
ESP	EXTERNAL STATIC PRESSURE	W	WIDE, WIDTH
EWT	ENTERING WATER TEMPERATURE	WB	WET BULB
EXH	EXHAUST	W.C.	WATER COLUMN
EXIST	EXISTING	W/	WITH
F	FAHRENHEIT	W/O	WITHOUT
FA	FRESH AIR	<i>Д</i>	ANGLE IRON
FC	FAN COIL		
FD	FIRE DAMPER		
FPM	FEET PER MINUTE		
FS	FLOW SWITCH		
FT	FEET		
GAL	GALLON(S)		
GALV	GALVANIZED		ISSIONING
GPM	GALLONS PER MINUTE		IS EXEMPT FR
HB	HOSE BIBB		IONING PER 40
HD	HEAD	EXEMPTIC	
HDT			
HP HTR	HORSEPOWER	THE TOTA	L MECHANICA
H2O	WATER	EQUIPMEI	NT COOLING C
H2O HW	HOT WATER		HAN 480,000 B
HZ	HERTZ		N 600,000 BTU
ID		HEATING	CAPACITY.
INV	INVERT	L	
IN	INCHES		
IN WG	INCHES OF WATER		
JST	JOIST		
KW	KILOWATT		
L	LENGTH		
LAT	LEAVING AIR TEMPERATURE		
LVR	LOUVER		
MAX	MAXIMUM		
MD	MANUAL DAMPER		PLEASE BE ADV
MECH	MECHANICAL		INFORMATION A

MINIMUM MOTORIZED OPPOSED BLADE DAMPER MOUNTED NOT APPLICABLE NORMALLY CLOSED NOT IN CONTRACT NORMALLY OPEN NOT TO SCALE OUTSIDE AIR OPPOSED BLADE DAMPER OVERHEAD PRESSURE DROP PLUMBING PRESSURE POUNDS PER SQUARE INCH, GAUGE PACKAGE TERMINAL AIR CONDITIONER POLYVINYL CHLORIDE **RETURN AIR** REFRIGERATION RELIEF HOOD RELATIVE HUMIDITY ROOF TOP UNIT SUPPLY AIR SCHEDULE SMOKE DAMPER SQUARE FOOT SHEET STATIC PRESSURE SPECIFICATION STANDARD STEEL SWITCH THROW AWAY (FILTERS) THERMOSTAT TEMPERATURE TOTAL SENSIBLE HEAT THERMOSTATIC EXPANSION VALVE TYPICAL UNDER FLOOR UNDERGROUND UNIT HEATER UNDERWRITER'S LABORATORIES VENT VALVE BOX VITRIFIED CLAY PIPE VELOCITY VENTILATE VOLUME VOLTAGE VENT THRU ROOF WIDE, WIDTH WET BULB WATER COLUMN WITH WITHOUT ANGLE IRON

COMMISSIONING PLAN

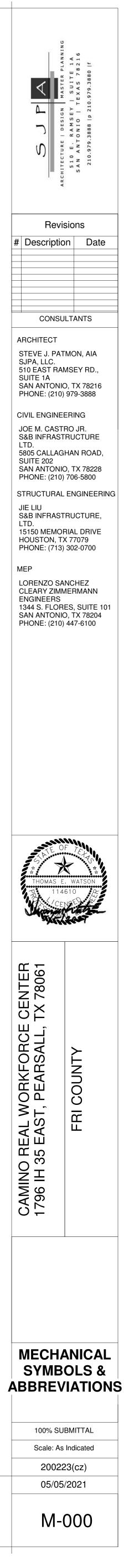
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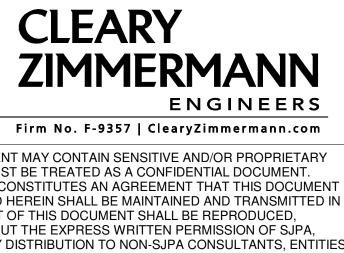
HE TOTAL MECHANICAL EQUIPMENT COOLING CAPACITY S LESS THAN 480,000 BTUH AND ESS THAN 600,000 BTUH IEATING CAPACITY.

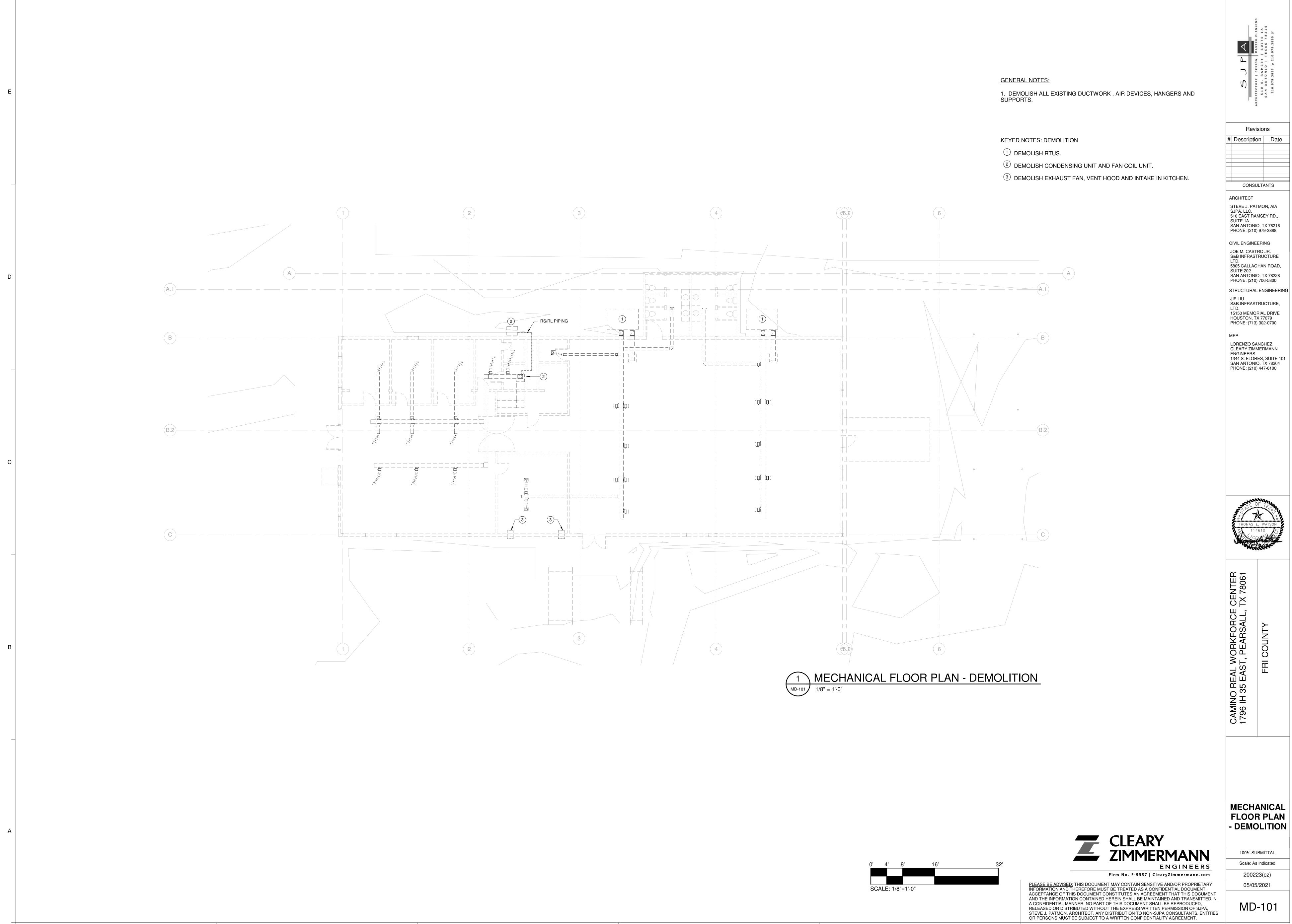


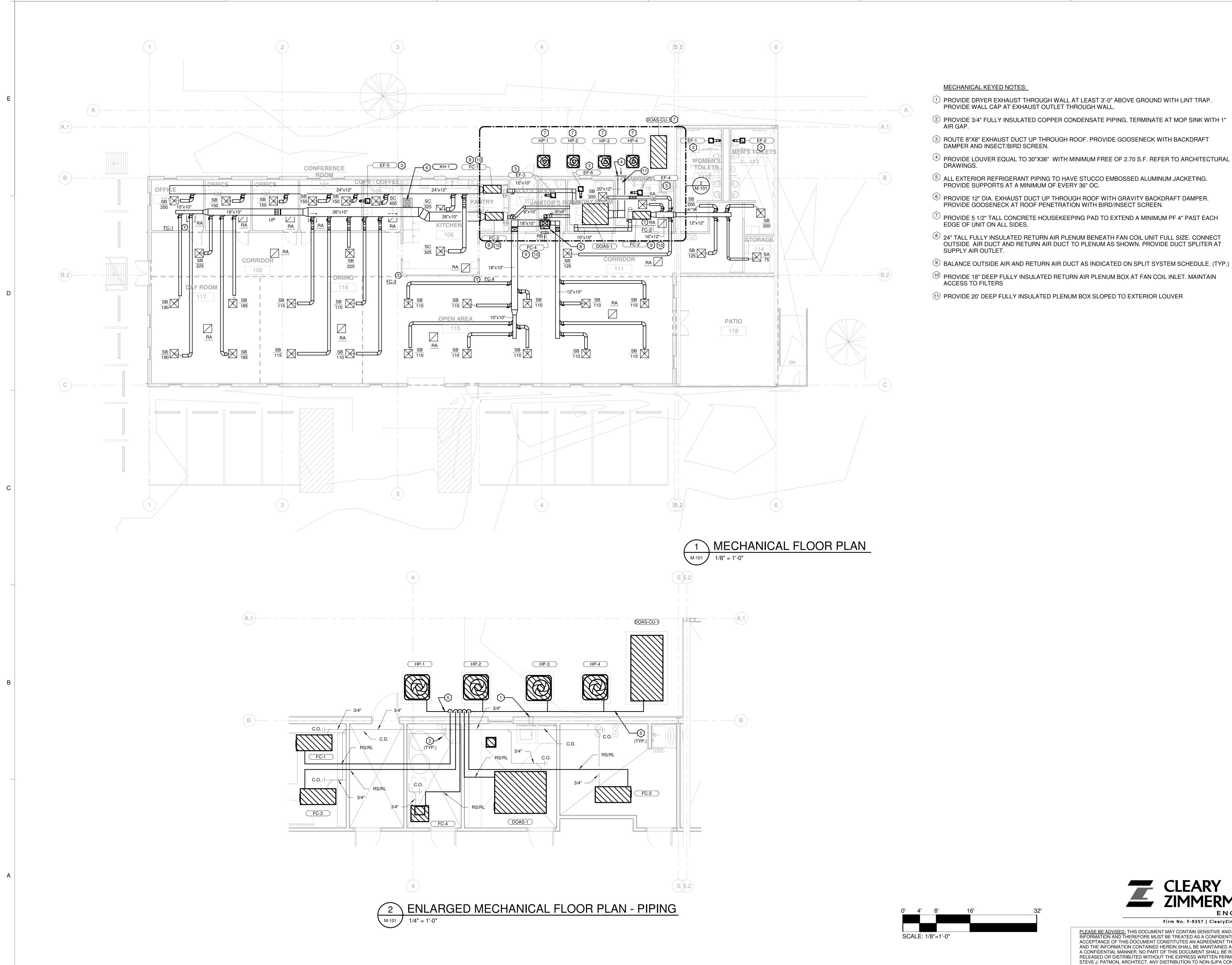
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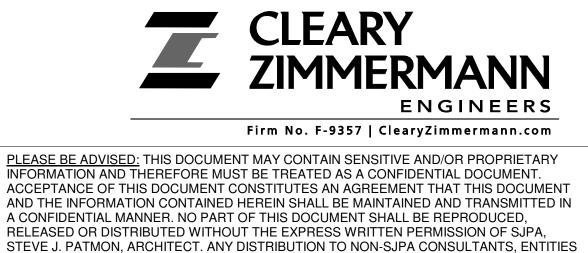








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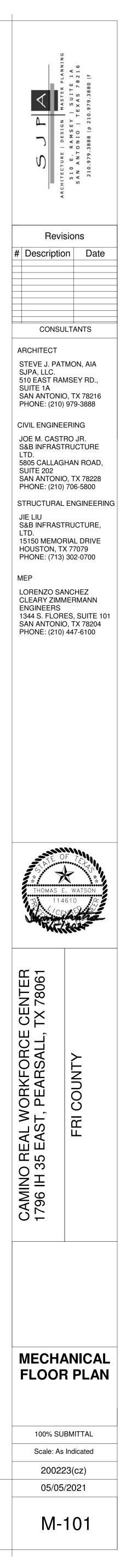


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OR PERSONS MUST BE SUBJECT TO A WRITTEN CONFIDENTIALITY AGREEMENT.

- 9 BALANCE OUTSIDE AIR AND RETURN AIR DUCT AS INDICATED ON SPLIT SYSTEM SCHEDULE. (TYP.)
- 10 PROVIDE 18" DEEP FULLY INSULATED RETURN AIR PLENUM BOX AT FAN COIL INLET. MAINTAIN

- $\widehat{(1)}$ PROVIDE 20' DEEP FULLY INSULATED PLENUM BOX SLOPED TO EXTERIOR LOUVER



KITCHEN HOOD SCHEDULE

2

MARK	LENGTH	WIDTH	
KH-1	30	24	
PROVIDE WITH EXTERNAL MOUNTED INLINE FAN			

2. NFPA 101 COMPLIANT.

3. UL 300A LABELED.

1

4. PROVIDE WITH ANSUL SYSTEM. 5. PROVIDE SINGLE POINT POWER CONNECTION.

6. PROVIDE ELECTRIC DISCONNECT

7. UNIT TO BE WALL MOUNTED.

DOAS SCHEDULE	
MARK	DOAS/CU-1
SYSTEM QUANTITY (REFER TO DRAWINGS)	1
TOTAL CAPACITY/SENS CAP (MBtu/hr)	106.2 / 70.5
E.E.R. (AHU / CU)	9.7 / 10.1
OUTSIDE AIR (CFM)	1350
FAN COIL UNIT	
ENT. AIR(DB/WB)	105 / 78
LEAVING AIR (DB/WB)	53.8
CFM	1350
FAN (NO./HP)	1 / 1.34
FAN BHP	.34
FAN RPM	2580
EXTERNAL STATIC PRESSURE (IN. W.G.)	0.5
ELECTRICAL SERVICE (V/PH/MCA/MOCP)	230 / 3 / 46 / 50
CONDENSING UNIT	
REGRIGERANT TYPE	R-410A
ABMIENT T	105
ELECTRICAL SERVICE (V/PH/MCA/MOCP)	230 / 3 / 44 / 60
ELECTRIC HEAT	
ENT. AIR (DB)	30
LEAVING AIR (DB)	62.8
HEATER SIZE(KW)	14
TOTAL CAPACITY(MBtu/hr)	47.8
REFERENCE	
MANUFACTURER INDOOR/OUTDOOR SECTION	AAON
AIR HANDLING UNIT MODEL	H3-CRB-2-0-162C-3BS
CONDENSING UNIT MODEL	CFA-011-B-A-2-DC00L
NOTES	1-4

NOTES(DOAS SCHEDULE)

1.MANUFACTURE TO SIZE REFRIGERANT LINES 2. PROVIDE WITH DOUBLE WALL CONTRUCTION

3. PROVIDE WITH STAINLESS STEEL DRAIN PAN

4. PROVIDE ELECTRIC HEAT WITH SCR CONTROL 5. UNIT TO BE PROGRAMMED TO RUN CONTINUOUSLY

DURING OCCUPIED HOURS

6. PROVIDE MERV 8 FILTERS

7. PROVIDE WITH CONTRILS SYSTEM TO MAINTAIN 50% RH FOR LEAVING AIR

FLEX DUCT SCHEDULE		
CFM RANGE	SIZE (DIAMETER) *	
<50 - 100	6	
101 - 250	8	
251 - 400	10	
401 - 650	12	
651 - 900	14	
901 - 1300	16	
1301 - 1800	18	
1801 - 2300	20	

* ALL FLEX DUCT SHALL BE SIZED IN ACCORDANCE W/ FLEX DUCT SCHEDULE. PROVIDE RIGID REDUCER AT NECK OF AIR DEVICE, VAV INLET DUCT, ETC. TO TRANSITION FROM FLEX DUCT SIZE TO DIFFUSER INLET AND/OR EQUIPMENT CONNECTION SIZE. FLEX

DUCT NOT TO EXCEED 6FT LENGTH.

HEIGHT	EXHAUST CFM	S.P. INCHES WC	TOTAL WEIGHT	MANUF./MODEL	NOTES
12.5	500	0.56	86.00	GREENHECK/GRRS	1-7

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MARK	FCU/HP-1	FCU/HP-2	FCU/HP-3	
SERVICE	OFFICES	LAUNDRY/CHANGING	DINING AND DAY ROOM	
SYSTEM QUANTITY (REFER TO DRAWINGS)	1	1	1	
TOTAL CAPACITY/SENS CAP (MBtu/hr)	47 / 35.3	33.4 / 25.4	40.9 / 31.6	
S.E.E.R.	14.25	15.75	14	
OUTSIDE AIR (CFM)	375	375	350	
FAN/COIL UNIT				
ENT. AIR (DB/WB)	73 / 59.3	73 / 58.8	73 / 59.5	
LEV. AIR (DB/WB)	54.8 / 49.6	54.5 / 49	55.3 / 50.4	
CFM	1800	1275	1650	
FAN MOTOR (HP)	.25	.25	.25	
EXTERNAL STATIC PRESSURE (IN. W.G.)	0.4	0.55	0.4	
ELECTRIC HEAT (KW)	8.8	8.8	8.8	
ELECTRICAL SERVICE (V/PH/MCA/MOCP)	230 / 3 / 21.2 / 35	230 / 3 / 15.8 / 25	230 / 3 / 18.4 / 30	23
HEAT PUMP				
ENT / LAT	60 / 75.5	60 / 81.9	60 / 76.9	
TOTAL CAPACITY(MBtu/hr)	30	30	30	
ELECTRICAL SERVICE (V/PH/MCA/MOCP)	230 / 3 / 21.2 / 35	230 / 3 / 15.8 / 25	230 / 3 / 18.4 / 30	23
REFERENCE				
MANUFACTURER INDOOR/OUTDOOR SECTION	FRASER-JOHNSTON	FRASER-JOHNSTON	FRASER-JOHNSTON	FRA
FAN COIL UNIT MODEL	THE60B31S	THE36B32S	THE48B31S	

AE60DX21

1-8

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1. PROVIDE STARTERS AS REQUIRED. 2. MANUFACTURER TO SIZE REFRIGERANT LINES.

3. SECURE FCU TO STRUCTURE WITH ALL THREAD AND SPRING ISOLATORS.

4. PROVIDE WITH MANUFACTURER'S PROGRAMMABLE T-STAT WITH AUTOMATIC CHANGE OVER.

5. PROVIDE WITH APR VALVE

NOTES (SPLIT-SYSTEM SCHEDULE):

CONDENSING UNIT MODEL

NOTES

6. PROVIDE WITH LOW AMBIENT CONTROL KIT 7. PROVIDE WITH AUXILIARY DRAIN PAN AND EMERGENCY OVERFLOW CUT OFF SWITCH

8. PROVIDE WITH HAIL GAURDS

	AIR DEVICE SCHEDULE										
MARK	MODEL	SIZE	THROW (@ 100 FPM)	CFM RANGE	INLET	# SLOTS	O.B.D. REQ'D. ?	P.D. ("WG) *	MAX. NC	REFERENCE	NOTES
SA	TMS-AA	12"x12"	3-FT	0-100	6"Ø	N/A	NO	0.04	20	TITUS	1,5,7
SB	TMS-AA	24"x24"	5-FT	105-250	8"Ø	N/A	NO	0.06	20	TITUS	1,5
SC	TMS-AA	24"x24"	6-FT	251-400	10"Ø	N/A	NO	0.06	25	TITUS	1,5
RA	50F	24"x24"	-	0-2,000	22"x22"	N/A	NOTE #4	0.06	20	TITUS	6
RB	301FL	20"X18"	-	0-950	18"X16"	N/A	NO	0.05	20	TITUS	6
EA	50F	12"x12"	-	0-400	10"x10"	N/A	NOTE #4	0.07	20	TITUS	6,7
EB	50F	24"x12"	-	0-900	22"x10"	N/A	NOTE #4	0.06	20	TITUS	6,7
EC	350RL	38"x20"	-	0-2,250	36"x18"	N/A	NOTE #4	0.07	25	TITUS	6,7

* AT MAX. CFM

KEYED NOTES (AIR DEVICE SCHEDULE): 1. FIELD INSULATE PLENUM BOX OR BACKSIDE OF DIFFUSER.

2. 22.5 DEGREE DEFLECTION, 3/4" BLADE SPACING. 3. STEEL CONSTRUCTION.

4. O.B.D. REQUIRED AT DUCTED EXHAUST LOCATION WHERE AIR DEVICE IS USED IN A GYP. CEILING.

5. 2-WAY SQUARE DISCHARGE PATTERN.

6. ANGLE AT 30 DEGREE BELOW HORIZONTAL CENTERLINE. 7. 24x24" MODULE SIZE FOR LAY-IN CEILING INSTALLATION.

GENERAL NOTES (AIR DEVICE SCHEDULE): 1. ALL AIR DEVICES TO BE ALUMINUM, WHITE FINISH UNLESS NOTED OTHERWISE. 2. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES. ALL AIR DEVICES MOUNTED IN A DRYWALL CEILING SHALL HAVE A MOUNTING FRAME. 3. FOR 2-WAY DISCHARGE, THROWS LISTED REFLECT AIRFLOW IN A SINGLE DIRECTION. 4. P.D. ("WG) REFLECTS "TOTAL" PRESSURE (STATIC AND DYNAMIC).

5. REFER TO FLEX DUCT SCHEDULE FOR DUCT SIZES. 6. TRANSITION AS REQUIRED TO CONNECT DUCT TO AIR DEVICE.

AE42CX21

1-8

AE48CX21

1-8

FAN SCHEDULE

MARK	TYPE	MANUFACTURER & MODEL	SERVICE	CFM	ESP	BHP	V/PH	SONES	DRIVE	
EF-1	CEILING	GREENHECK SP-A390	RESTROOM	300	.7	0.07	115/1	5.5	DIRECT	
EF-2	CEILING	GREENHECK SP-A390	RESTROOM	300	.7	0.07	115/1	5.5	DIRECT	
EF-3	CEILING	GREENHECK SP-A70	JANITOR	75	.06	0.01	115/1	0.3	DIRECT	
EF-4	CEILING	GREENHECK SP-A70	CHANGING	100	.06	0.01	115/1	0.3	DIRECT	
EF-5	CEILING	GREENHECK SP-A70	COPY/COFFEE	75	.06	0.01	115/1	0.3	DIRECT	
EF-6	CEILING	GREENHECK SP-A70	LAUNDRY	100	.06	0.01	115/1	0.3	DIRECT	
1		•								

NOTES (FAN SCHEDULE):

1. PROVIDE MANUFACTURER'S STANDARD MOTOR-RATED SWITCH.

2. PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.

3. PROVIDE WITH SPEED CONTROL.

4. FURNISH WITH MOTOR GUARD, WALL HOUSING, BACKDRAFT DAMPER AND 45 DEGREE WEATHER HOOD WITH BIRDSCREEN. 5. FURNISH WITH WALL MTD ON/OFF SPEED CONTROLLER, VARIABLE FREQUENCY DRIVE, FIRE ALARM CONTROL RELAY, UNIVERSAL OVERHEAD MOUNTING KIT AND DISCONNECT.

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6. INTERLOCK EXHAUST FAN WITH DOAS UNIT

7. FAN TO OPERATE CONTINUOUSLY

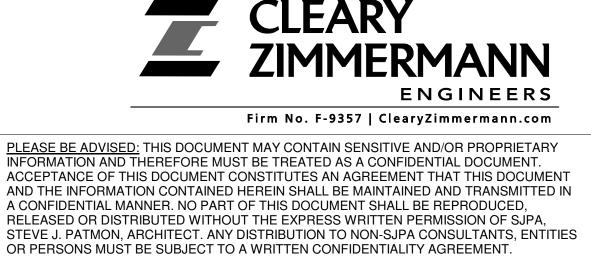


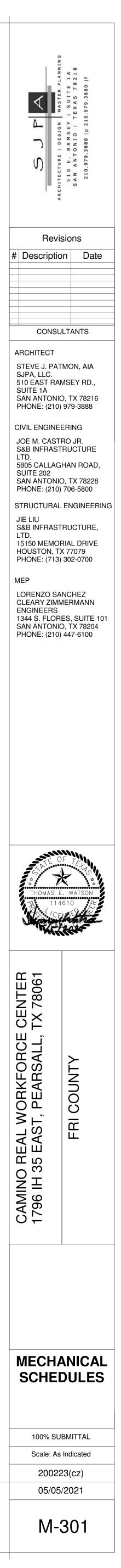
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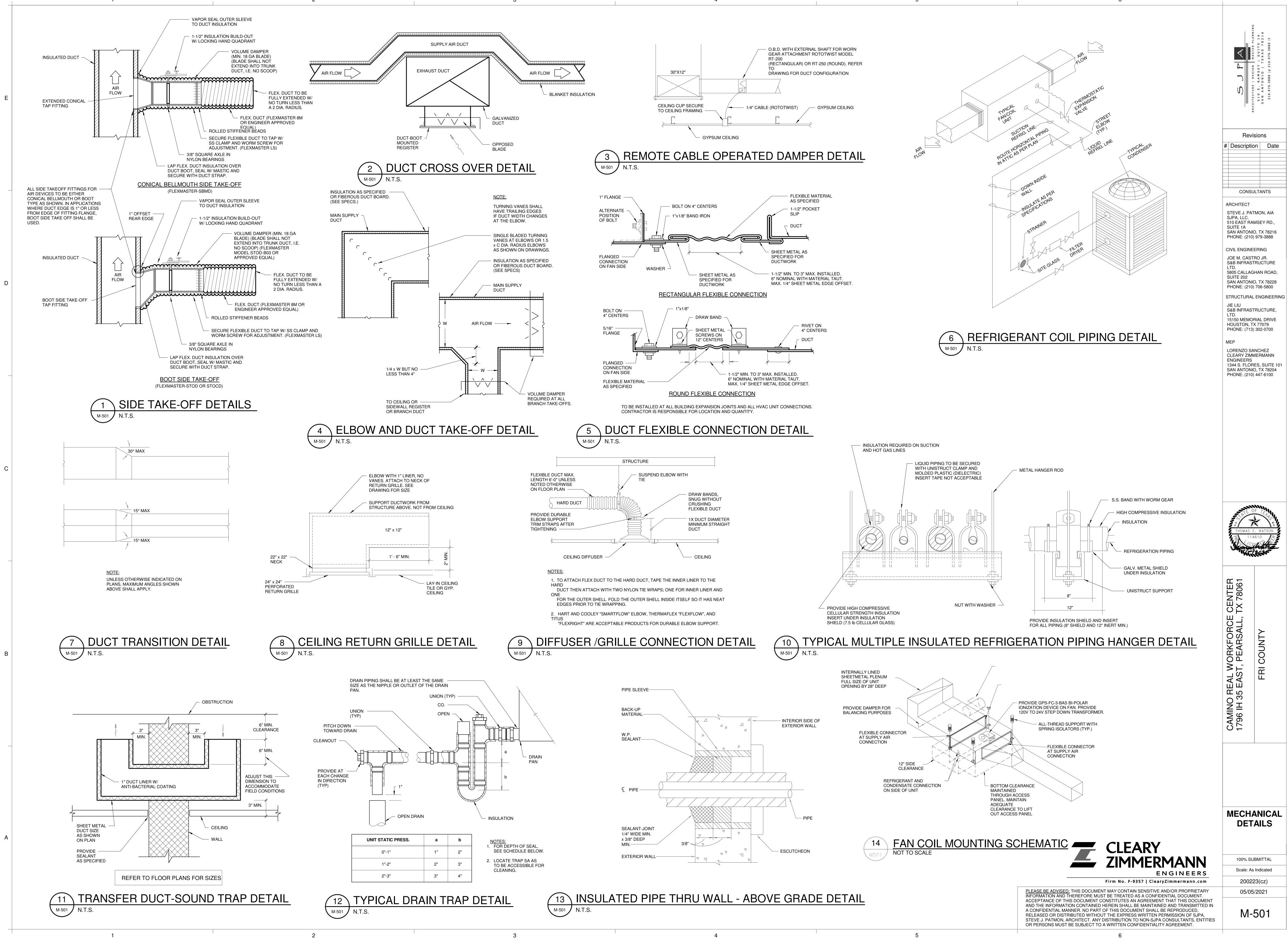
FCU/HP-4
OPEN AREA
1
32.3 / 23.7
14.55
250
73 / 59.7
53.1 / 48.8
1100
.25
0.47
8.8
230 / 3 / 15.8 / 25
60 / 85.3
30
230 / 3 / 15.8 / 25
FRASER-JOHNSTON
THE36B32S
AE42CX21

1	-8

NOTES
1-4,6
1-4,6
1-4,7
1-4,6
1-4,6
1-4,6







SYMBOL	DESCRIPTION	SYMBOL
$\neg \neg \neg \neg \neg$	GAS COCK OR PLUG VALVE	YCO Ø
	PRESSURE RELIEF VALVE	₿, ₿
	TEMPERATURE AND PRESSURE RELIEF VALVE	
F.S.	FLOW SWITCH	
O <u>FD-#</u>	FLOOR DRAIN, (TYPE)	
<u>FS-#</u>	FLOOR SINK, (TYPE)	(#)
P.S.	PRESSURE SWITCH	HW-#
	GATE VALVE	<u>P-4A</u>
T.S. (TAMPER SWITCH	$\begin{pmatrix} CW \\ 1 \end{pmatrix} \begin{pmatrix} RD \\ 2 \end{pmatrix}$
	O.S.&Y VALVE	G
	BUTTERFLY VALVE	
	SOLENOID VALVE] co
	POST INDICATOR VALVE -	FCO
	SWING CHECK VALVE	
	NON-SLAM CHECK VALVE	
— ⊗	BALL VALVE	
	PIPE RISE (R) OR DROP (D)	
	FLOW - IN DIRECTION OF ARROW	<u>4" RD-1</u>
]	CAP ON END OF PIPE	Ø

CONCENTRIC REDUCER

Q)

<u>6" EOD-1</u>

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С	

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PLUMBING SYMBOLS AND ABBREVIATIONS NOTE: SELDOM ARE ALL SYMBOLS AND ABBREVIATIONS USED IN THE DRAWINGS; REFERENCE ONLY THOSE THAT ARE APPLICABLE.

DESCRIPTION	SYMBOL	DESCRIPTION
YARD CLEANOUT OR CLEANOUT TO GRADE	= = x" cw	COLD WATER PIPING
VALVE IN RISER (TYPE AS SPEC'D OR NOTED)	— = = • = = = = —	HOT WATER PIPING
PLUMBING FIXTURES	======================================	HOT WATER RETURN PIPING
	= = = • = = = = = = = = = = = = = = = = = = =	VENT PIPING
NOTES (NEW CONSTRUCTION)	= = • • = = X" 120 HW	120° HOT WATER PIPING
DEMOLITION NOTES	= = • = = X" 140 HW	140° HOT WATER PIPING
EQUIPMENT IDENTIFICATION	= = = = X" 160 HW	160° HOT WATER PIPING
PLUMBING FIXTURE AND EQUIPMENT MARK	= = = = X" 190 HW	190° HOT WATER PIPING
PLUMBING RISER	2 = = X" 120 HWR	120° HOT WATER RETURN PIPING
GAS METER	¬_ = X" 140 HWR	140° HOT WATER RETURN PIPING
UNION (FLANGED)	 	160° HOT WATER RETURN PIPING
CLEANOUT PLUG	 X" 190 HWR	190° HOT WATER RETURN PIPING
FLOOR CLEANOUT	 X" CA	COMPRESSED AIR PIPING
EXISTING (PROVIDE AND INSTALL ALL NECESSARY	 Х" МА	MEDICAL AIR PIPING
TRANSITION FITTINGS) DETAIL REFERENCE	 X" MV	
NUMBER ON SHEET	X" O2	MEDICAL OXYGEN PIPING MED NITROUS OXIDE PIPING
SHEET NUMBER	× NO	MED NITROGEN PIPING
PRIMARY ROOF DRAIN (OUTLET SIZE)	X" N	WASTE ANESTHETIC GAS
SECONDARY (EMERGENCY OVERFLOW DRAIN) ROOF DRAIN (OUTLET SIZE)	X" WAGD	DISPOSAL PIPING COMBUSTION AIR EXHAUST
	L X" A-EX	

∟ x" a-in

3

COMBUSTION AIR INTAKE

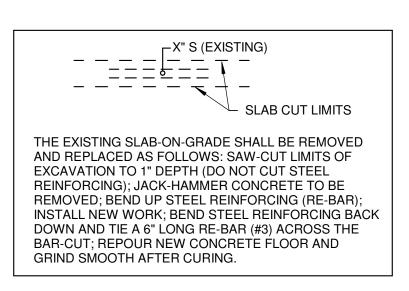
SYMBOL
X" AW ======= X" AV
X" F
X" AS
L x" sw
L <u>Х" DI</u>
L <u>x" gw</u>
= = = = = = = = = = = = = = = = = = =
 X" HT
¢ X" TP
 X" PD
 L x" TW
L x" s
 X" D
= = = = = = = = = = = = = = = = = = =
 X" G
L X" G MP
X" RD
L X"EOD
L x" sd

DESCRIPTION
WASTE PIPING (ACID RESISTANT)
FIRE PROTECTION PIPING
AUTOMATIC SPRINKLER
SOFT WATER PIPING
DEIONIZED WATER PIPING
GREASE WASTE PIPING
GREASE VENT PIPING
HEAT TRACED (115° F) HOT WATER PIPING
TRAP-PRIMER PIPING (1/2" COPPER)
PUMPED DRAIN PIPING
TEMPERED WATER PIPING
SANITARY SEWER PIPING (WASTE)
DRAIN PIPING
DRAIN VENT PIPING
NATURAL GAS PIPING
NATURAL GAS PIPING (MED PRESS)
ROOF DRAIN PIPING (PRIMARY SYSTEM)
ROOF DRAIN PIPING (SECONDARY "EMERGENCY OVERFLOW DRAIN" SYSTEM)

SITE STORM DRAIN PIPING

4

NOTE: EXISTING PIPING, FITTINGS AND EQUIPMENT WILL BE INDICATED WITH A LIGHTER LINE WEIGHT THAN NEW WORK.



	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ABV	ABOVE	HB	HOSE BIBB
EMICAL- STE PIPING"	AC	ABOVE CEILING	HC	HANDICAPPED
	AD	ACCESS DOOR	HD	HUB DRAIN
	ADA	AMERICANS WITH DISABILITIES ACT	HTR	HEATER
	ADJUST	ADJUSTABLE	H.W.B.F.	NOT WATER PIPING BELOW FLOOR
	AFF	ABOVE FINISHED FLOOR	H.W.O.H.	HOT WATER PIPING OVERHEAD
	AFG	ABOVE FINISHED GRADE	INV	INVERT
	AP	ACCESS PANEL	IN	INCHES
	ASSY	ASSEMBLY	MAX	MAXIMUM
	AV	AIR VENT	MECH	MECHANICAL
	AVTR	ACID VENT THRU ROOF	MIN	MINIMUM
	BF	BELOW FLOOR	MTD	MOUNTED
G	BV	BALL VALVE	NC	NORMALLY CLOSED
ŭ	CI	CAST IRON	NIC	NOT IN CONTRACT
	CLG	CEILING	NO	NORMALLY OPEN
	CO	CLEANOUT	NTS	NOT TO SCALE
	CONG	CONCRETE	OFD	OVERFLOW ROOF DRAIN
	COND	CONDENSATE	ОН	OVERHEAD
	CONNX	CONNECTION	PA	PIPE ANCHOR
	CONT	CONTINUATION	PD	PRESSURE DROP
	C.W.B.F.	COLD WATER PIPING BELOW FLOOR	PLBG	PLUMBING
	C.W.O.H.	COLD WATER PIPING OVERHEAD	PRESS	PRESSURE
	DEMO	DEMOLISH	PSI	POUNDS PER SQUARE INCH, GAUGE
	DIAG	DIAGRAM	PVC	POLYVINYL CHLORIDE
	D	DRAIN	REC	RECEIVED
	D.I.	DUCTILE IRON	REQ	REQUIRED
	DN	DOWN	RD	ROOF DRAIN
	DV	DRAIN VENT	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
	DWG, DRWG	DRAWING	SA	SHOCK ARRESTER
M)	EWH	ELECTRIC WATER HEATER	SHT	SHEET
	ELECT	ELECTRICAL	SPEC(S)	SPECIFICATION(S)
	ELEV	ELEVATION	S	SANITARY WASTE
	EOD	EMERGENCY OVERFLOW DRAIN	SS	SANITARY SEWER
	EXIST	EXISTING	STAT	STATIC
	EXT	EXTENTION	TEMP	TEMPERATURE
	FCO	FLOOR CLEANOUT	TMV	THERMOSTATIC MIXING VALVE
	FD	FLOOR DRAIN	TP	TRAP PRIMER OR T.P. SUPPLY
	F.F.	FINISHED FLOOR	TYP	TYPICAL
	FIN	FINISHED	UG	UNDERGROUND
	FLR	FLOOR	V	VENT
	FS	FLOOR SINK	VCP	VITRIFIED CLAY PIPE
	FT	FEET	VIR	VALVE IN RISER
	GAL(S)	GALLON(S)	VTR	VENT THROUGH ROOF
	GALV	GALVANIZED	WA	WATER HAMMER ARRESTER
	GPM	GALLONS PER MINUTE	WH	WALL HYDRANT
	GTRV	GREASE VENT THRU ROOF	W/	WITH
	GWH	GAS WATER HEATER	W/O	WITHOUT
	GV	GREASE VENT	WCO	WALL CLEANOUT
			YCO	

5

PLUMBING GENERAL NOTES (APPLY TO ALL SHEETS):

1. ALL MATERIALS AND CONSTRUCTION PROCEDURES PERTAINING TO THE WORK DESCRIBED IN THESE DRAWINGS SHALL CONFORM TO THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.

2. CONTRACTORS SHALL OBTAIN AND MAKE PROVISION FOR ALL PERMITS, INSPECTIONS, AND TESTS REQUIRED BY AUTHORITIES HAVING JURISDICTION.

YCO

YARD CLEANOUT

3. CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AT THE SITE AND NOTING ALL DISCREPANCIES TO THE OWNER PRIOR TO WORK COMMENCEMENT; THEREAFTER, THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ALL EXISTING CONDITIONS AND SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL SUITABLE ADJUSTMENTS NECESSARY TO ACCOMMODATE NEW WORK AT NO ADDITIONAL COST TO THE OWNER; ANY SUCH ADJUSTMENTS SHALL BE COORDINATED WITH THE OWNER AND ARCHITECT.

4. CONTRACTORS SHALL INCORPORATE ALL DISCREPANCIES AND ADJUSTMENTS INTO THE CONSTRUCTION DOCUMENTS.

5. CONTRACTORS SHALL COORDINATE ALL WORK WITH OTHER TRADES AND INCLUDE ALL NECESSARY MODIFICATIONS TO ACCOMMODATE THEIR WORK.

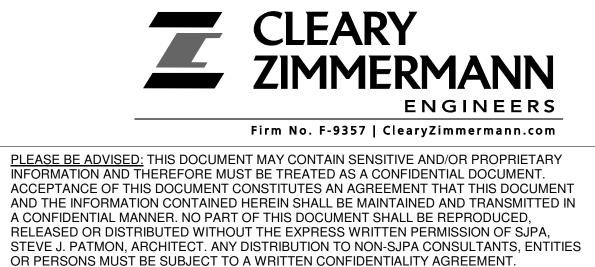
6. CONTRACTORS SHALL COORDINATE ALL WORK WITH THE OWNER.

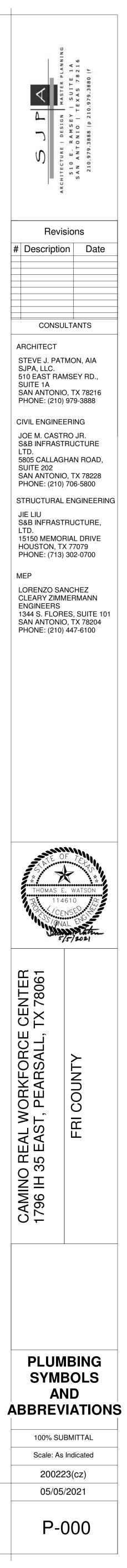
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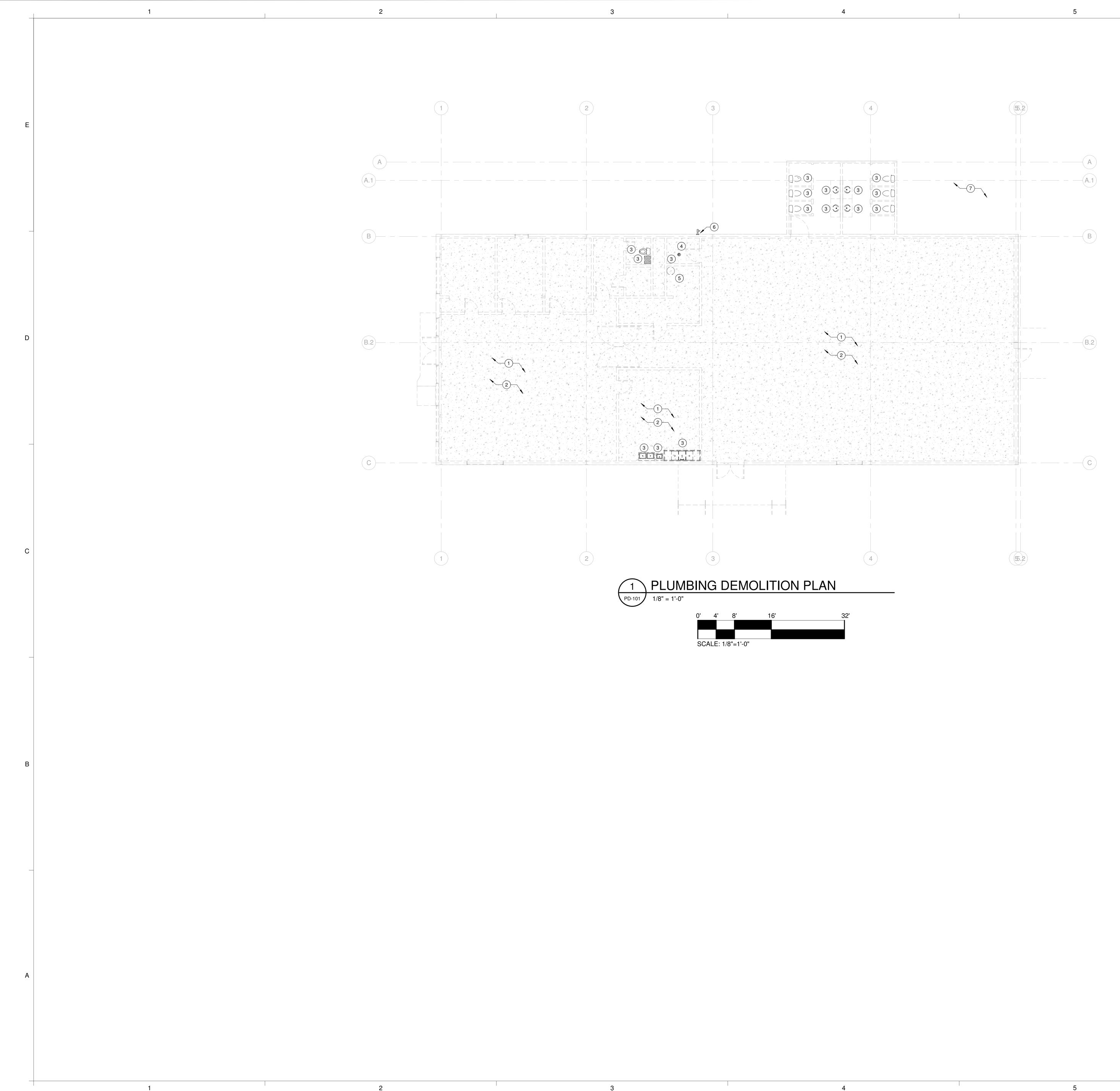
7. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR FROM THE DATE OF INSTALLATION.

8. CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES AND SUBCONTRACTORS AND ALL OTHER PERSONS IN THE AREAS OF CONSTRUCTION. CONTRACTORS SHALL ALSO BE RESPONSIBLE FOR THE SAFETY OF ALL PROPERTY BEING ERECTED.

9. PLUMBING SERVICES THAT INTERFERE WITH ANY NEW ARCHITECTURAL WORK SHALL BE RELOCATED AS NECESSARY.



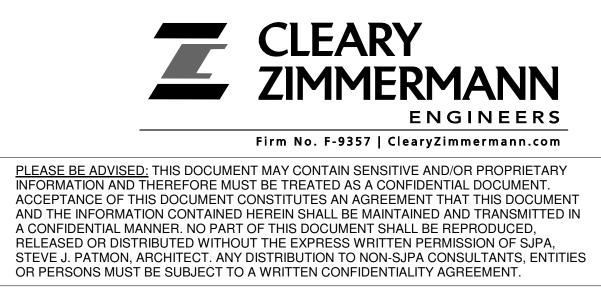




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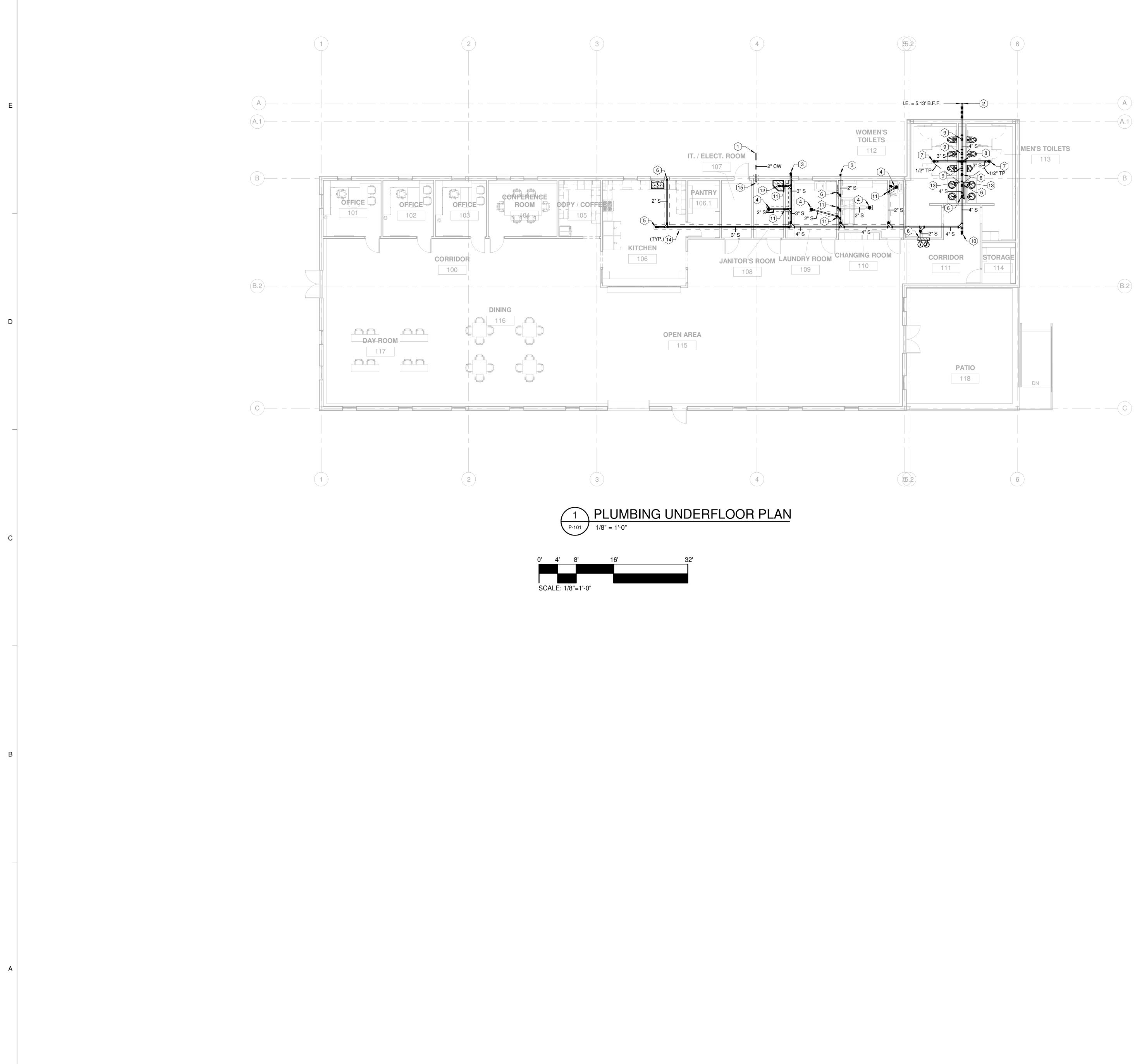
PLUMBING DEMOLITION KEYED NOTES (RE:1/PD-101):

- 1 DEMO ALL EXISTING PVC DOMESTIC WATER PIPING.
- ⁽²⁾ DEMO ALL INTERIOR NATURAL GAS PIPING.
- ③ DEMO EXISTING PLUMBING FIXTURE AND ALL ASSOCIATED PIPING..
- DEMO EXISTING FLOOR DRAIN AND CAP AND SEAL WASTE PIPING BELOW FLOOR.
- ⁵ DEMO EXISTING ELECTRIC WATER HEATER AND ALL ASSOCIATED PIPIING.
- 6 DEMO EXISTING GAS REGULATOR AND ALL ASSOCIATED EXTERIOR GAS PIPING.
- DEMO EXISTING SEPTIC TANK IN THIS AREA. FEILD VERIFY EXACT LOCATION. REFER TO CIVIL.









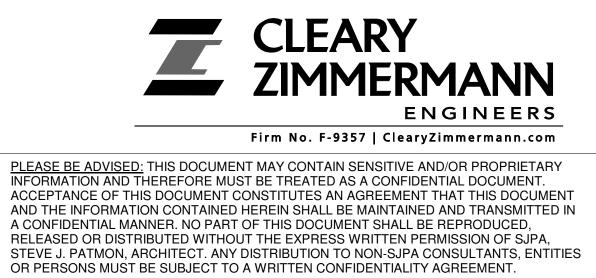
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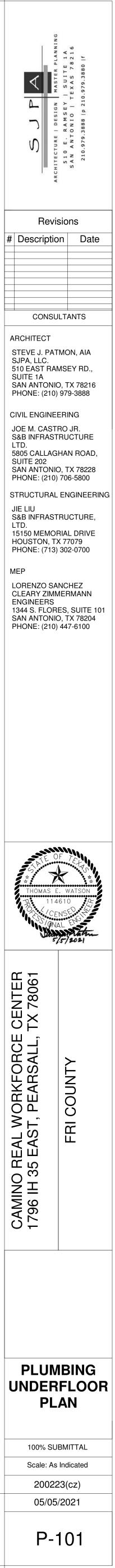
PLUMBING KEYED NOTES:

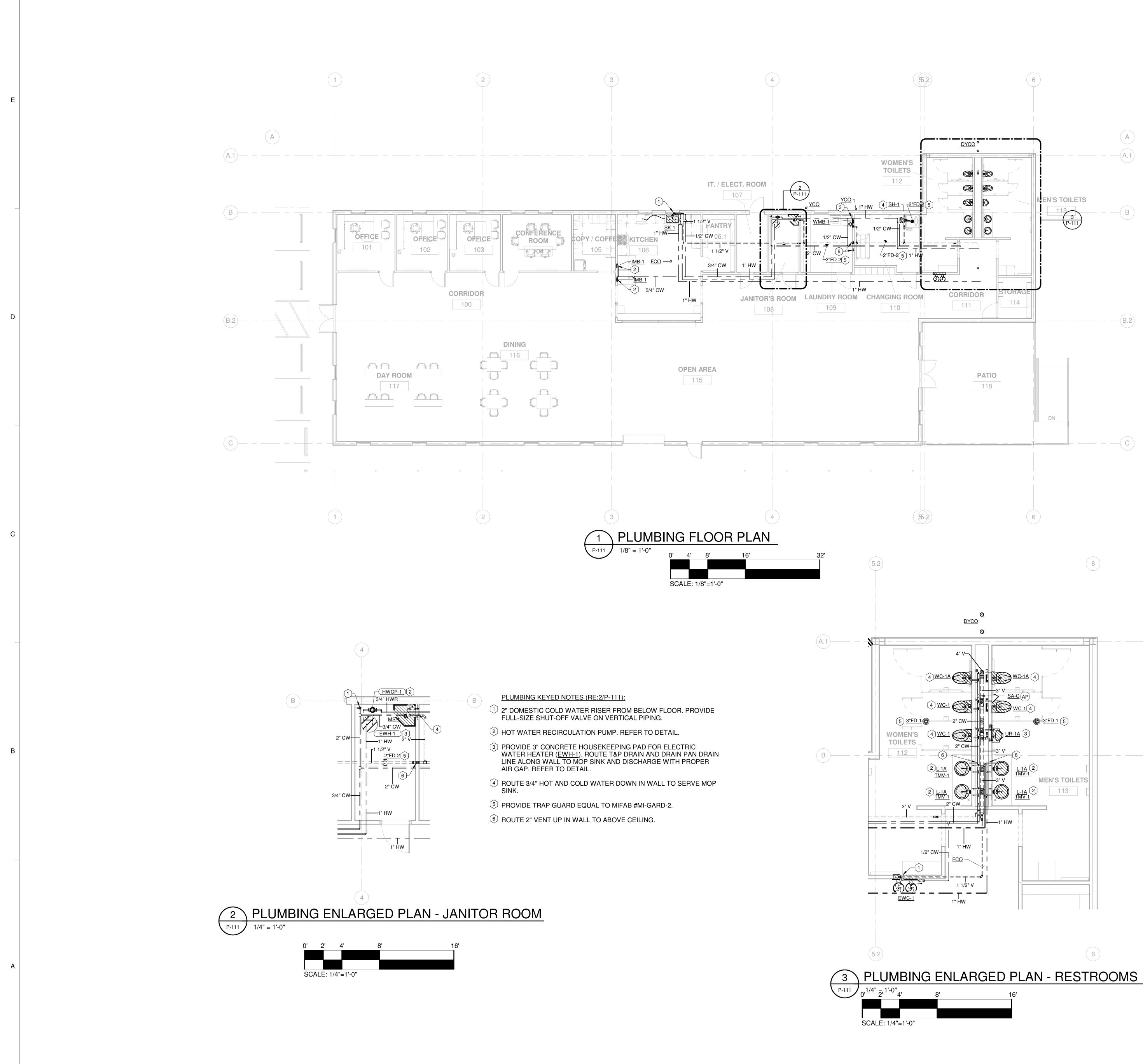
- 1 2" DOMESTIC WATER STUB-OUT (48GPM). REFER TO CIVIL FOR CONTINUATION.
- ² 4" SANITARY SEWER STUB-OUT (30.5 DFU'S) (I.E. = 5.13' B.F.F.). REFER TO CIVIL FOR CONTINUATION.
- 3 3" WASTE FROM YARD CLEANOUT ABOVE.
- (4) 2" WASTE FROOM FLOOR DRAIN ABOVE.
- 5 3" WASTE FROM FLOOR CLEANOUT ABOVE.
- (6) 2" WASTE FROM FLOOR ABOVE.
- (7) 3" WASTE FROM FLOOR DRAIN ABOVE. CONNECT 1/2' TRAP PRIMER LINE FROM LAVATORY TAILPIECE TO P-TRAP.
- (8) OFFSET 2" VENT IN CHASE TO ABOVE CEILING.
- (9) 4" WASTE FROM ABOVE.
- (10) 4" WASTE FROM FLOOR CLEANOUT ABOVE.
- (1) 1-1/2" VENT UP TO ABOVE CEILING.
- (12) 3" WASTE FROM MOP SINK ABOVE.
- (13) 1/2" TRAP PRIMER LINE FROM LAVATORY TAILPIECE ABOVE.
- (14) SAW-CUT EXISTING SLAB FOR INSTALLATION OF NEW PIPING. REFER TO P-000 FIR SPECIFIC REQUIREMENTS.
- (15) 2" DOMESTIC COLD WATER RISER UP TO ABOVE.



6

5





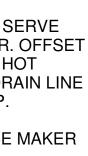
PLUMBING KEYED NOTES (RE:1/P-111):

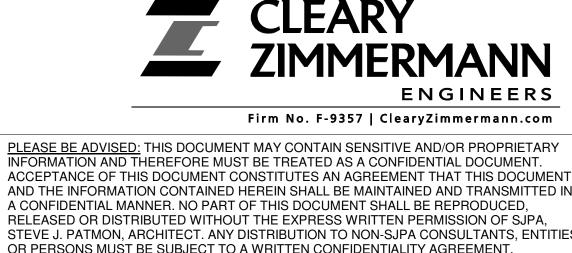
- 1 ROUTE 1/2" COLD AND HOT WATER DOWN IN WALL TO SERVE SINK (<u>SK-1</u>). ROUTE 2" WASTE DOWN TO BELOW FLOOR. OFFSET 1-1/2" VENT IN WALL TO ABOVE CEILING. PROVIDE 1/2" HOT WATER LINE TO DISHWASHER. ROUTE 1/2" FLEXIBLE DRAIN LINE FROM DISHWASHER TO P-TRAP AND PROVIDE AIR GAP.
- 2 ROUTE 1/2" COLD WATER DOWN IN WALL TO SERVE ICE MAKER BOX (<u>IMB-1)</u>.
- (3) ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL TO WASHER/DRAIN BOX. ROUTE 2" WASTE DOWN TO BELOW FLOOR. OFFSET 1-1/2" VENT ABOVE CEILING. REFER TO DETAIL.
- 4 ROUTE 1/2" COLD AND HOT WATER DOWN IN WALL TO SERVE SHOWER MIXING VALVE (SH-1).
- 5 PROVIDE TRAP GUARD EQUAL TO MIFAB #MI-GARD-2.
- 6 ROUTE 1-1/2" VENT UP IN WALL TO ABOVE CEILING.

PLUMBING KEYED NOTES (RE:3/P-111):

- 1 ROUTE 1/2" COLD WATER DOWN IN WALL TO SERVE ELECTRONIC WATER COOLER (EWC-1). ROUTE 2" WASTE DOWN TO BELOW FLOOR. OFFSET 1-1/2" VENT UP IN WALL TO ABOVE CEILING.
- ROUTE 1/2" HOT AND COLD WATER IN CHASE TO SERVE LAVATORY (<u>L-1</u>) AND PROVIDE MIXING VALVE (<u>TMV-1</u>). ROUTE 2" WASTE DOWN TO FLOOR BELOW. OFFSET 2" VENT TO ABOVE CEILING.
- ③ ROUTE 3/4" COLD WATER IN CHASE TO SERVE URINAL (UR-1A). ROUTE 2" WASTE DOWN TO BELOW FLOOR. OFFSET 1-1/2" VENT IN CHASE.
- ROUTE 1" COLD WATER IN CHASE TO SERVE WATER CLOSET (WC-1). ROUTE 4" WASTE DOWN TO BELOW FLOOR. OFFSET 2" VENT IN CHASE.
- ⁵ INSTALL FLOOR DRAIN 1" BELOW FINISHED FLOOR AND FLOAT TILE TO DRAIN ASSEMBLY. PROVIDE TRAP PRIMER CONNECTION FROM LAVATORY TAILPIECE.
- 6 ROUTE 1/2" TRAP PRIMER LINE FROM LAVATORY TAILPIECE DOWN IN CHASE AND CONNECT TO FLOOR DRAIN. REFER TO DETAIL.









1

FLOOR DRAIN/SINK SCHEDULE							
MARK	DESCRIPTION	SERVICE	GRATE DIMENSION	OUTLET DI			
FD-1	ROUND CAST-IRON FLOOR DRAIN WITH ANCHOR FLANGE; WEEPHOLES; MEMBRANE CLAMP; STANDARD HEAVY DUTY;	RESTROOM	6" Ø	3"			
	STAINLESS STEEL STRAINER; NO HUB; PROVIDE WITH 1/2" NPS TRAP PRIMER CONNECTION						
FD-2	ROUND CAST-IRON FLOOR DRAIN WITH ANCHOR FLANGE; WEEPHOLES; MEMBRANE CLAMP; STANDARD HEAVY DUTY;	GENERAL SERVICE	6" Ø	2"			
	STAINLESS STEEL STRAINER; NO HUB; PROVIDE WITH TRAP GUARD EQUAL TO MIFAB #MI-GARD						

3

GENERAL NOTES (FLOOR DRAIN/SINK SCHEDULE):

1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. 2. ALL FLOOR DRAINS AND FLOOR SINKS SHALL BE MONOLITHICALLY POURED IN SLAB.

RK	DESCRIPTION	WASTE	VENT	TRAP	WATER (COLD)	WATER (HOT)	NOTES
WC-1 WAT	ER CLOSET (WALL MOUNTED)	4"	2"	INTEGRAL	1"		KOHLER "KINGSTON" #K-84325-0; 1.28 GPF; WALL HUNG; WHITE VITREOUS CHINA;
(STA	NDARD)	(C.I.)	(C.I.)	(N/A)	("L" COPPER)		FLUSH VALVE: SLOAN "ROYAL" MODEL #111 ESS HARDWIRE 1.28-YO-TMO-HW; 1.28 GPF
							SEAT: KOHLER "STRONG HOLD" #K-4731-C; WHITE; WITH OPEN-FRONT SEAT
VC-1A WAT	ER CLOSET (WALL MOUNTED, ADA)	4"	2"	INTEGRAL	1"		KOHLER "KINGSTON" #K-84325-0; 1.28 GPF; WALL HUNG; WHITE VITREOUS CHINA; MOUNT 17" TO RIM;
		(C.I.)	(C.I.)	(N/A)	("L" COPPER)		FLUSH VALVE: SLOAN "ROYAL" MODEL #111 ESS HARDWIRE 1.28-YO-TMO-HW; 1.28 GPF
							SEAT: KOHLER "STRONG HOLD" #K-4731-C; WHITE; WITH OPEN-FRONT SEAT
L-1A LAVA	ATORY (SELF-RIMMING; ADA)	2"	1 1/2"	1 1/4"	1/2"	1/2"	KOHLER "CAXTON" #K-2210-0; VITREOUS CHINA; FRONT OVERFLOW; FAUCET: SLOAN #EAF100-HLT-ISM-CP-0.5 GPM-AER-IR-IQ-FCT;
(WIT	H TMV-1)	(C.I.)	(C.I.)	(BRASS)	("L" COPPER)	("L" COPPER)	WITH GVDC PLUG-IN ADAPTER 0.5GPM; STRAINER: McGUIRE #155AWC; OFFSET GRID STRAINER; STOPS: McGUIRE LF2166CCLK;
							P-TRAP: JAY R. SMITH 2698-CP POLISHED CHROME WITH 1/2" NPS TRAP PRIMER CONNECTION WHERE INDICATED ON DRAWINGS.
							INSULATION: TRUEBRO "LAVGUARD 2" #103 EZ; IF NO APRON IS PROVIDED.
JR-1A URIN	IAL (WALL-HUNG, ADA)	2"	1 1/2"	1 1/4"	3/4"		KOHLER "BARDON" K-4991-ETSS; 3/4" TOP SPUD; 1.0 GPF; WHITE VITREOUS CHINA
					("L" COPPER)		FLUSH VALVE: SLOAN "ROYAL" 186-ESS-1.0-TMO-HW; 1.0GPF; POLISHED CHROME; 3/4" TOP SPUD CONNECTION
SK-1 DOU	BLE COMPARTMENT SINK (SELF RIMMING, ADA)	2"	1 1/2"	1 1/2"	1/2"	1/2"	DAYTON STAINLESS STEEL #D23319; DOUBLE COMPARTMENT; DROP-IN; 3-FAUCET HOLE ON 4" CENTERS
		(C.I.)	(C.I.)	(BRASS)	("L" COPPER)	("L" COPPER)	FAUCET: T&S BRASS B-1111; 4" DECK MOUNT; 8" SWING NOZZLE; 2.2GPM AERATOR; LEVER HANDLES;
							PROVIDE WITH GARBAGE DISPOSAL EQUAL TO INSINKERATOR BADGER 5; WITH FACTORY INSTALLED PLUG-IN CORD.
MS-1 MOP	SINK (FLOOR-MOUNT; TERRAZO)	3"	2"	3"	3/4"	3/4"	STERN-WILLIAMS MTB-2424 SQUARE BASIN; 24"x24"x10"; HOSE AND WALL HOOK: #T-35; SPLASH CATCHER PANELS #BP
		(C.I.)	(C.I.)		("L" COPPER)	("L" COPPER)	FAUCET: CHICAGO #897-CP; WITH 1.5 GPM AERATOR; WITH VACUUM BREAKER
WC-1 ELEC	CTRONIC WATER COOLER	2"	1 1/2"	1 1/4"	1/2"		HASLEY-TAYLOR #HAC8FSBL-Q ADA; BI-LEVEL; STAINLESS STEEL CABINETS; PUSH BAR ACTIVATION; PROVIDE HALSEY TAYLOR 98312C APRON KIT
(ADA	x; BI-LEVEL)				("L" COPPER)		PROVIDE WITH FILTER KIT #HWF172; P-TRAP: McGUIRE #8902CBECO; STOPS: McGUIRE #LF2165LK;
SH-1 SHO	WER VALVE (HAND-HELD, ADA)				3/4"	3/4"	SYMMONS "ORIGINS" #9306-PLR-VP; 2.5GPM; HANDHELD SHOWER SYSTEM; 36" SLIDE BAR; 2.5 GPM.
					("L" COPPER)	("L" COPPER)	
IMB-1 ICE N	MAKER SUPPLY BOX				1/2"		GUY GRAY #SSMIB6AB; WITH WATER HAMMER ARRESTOR; WITH 48" ANNEALED COPPER TUBING FOR CONNECTION TO REFRIGERATOR;
					("L" COPPER)		REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING ELEVATION.
WMB-1 WAS	HING MACHINE SUPPLY BOX	2"	1 1/2"	2"	1/2"	1/2"	GUY GRAY #SSWB3; WITH WATER HAMMER ARRESTORS; WITH 48" ANNEALED COPPER TUBING FOR CONNECTION TO WASHMING MACHINE;
		(C.I.)	(C.I.)	(C.I.)	("L" COPPER)	("L" COPPER)	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING ELEVATION.

3.PROVIDE 1/2" NPS TRAP PRIMER CONNECTION ON LAVATORY TAILPIECE WHERE INDICATED ON DRAWINGS.

IARK	TMV-1
OCATION	LAVATORIES
ALVE OPERATION	THERMOSTATIC
NLET TEMPERATURE	140 DEG F
DUTLET TEMPERATURE	110 DEG F
/IN. GPM	0.25
IAX GPM	5
APM @ 10 PSI DIFFERENTIAL	2.3
APM @ 20 PSI DIFFERENTIAL	3
ILET SIZES	3/8"
UTLET SIZES	3/8"
EFERENCE	
IANUFACTURER	LEONARD
IODEL NO.	170-BRKT
OTES	1, 2
ENERAL NOTES:	
COMPLY WITH ASSE 1070.	
. PROVIDE WITH MOUNTING BRACKET.	

3. ALL RESTROOM AREA FLOOR DRAINS ARE TO BE RECESSED WITH THE SURROUNDING AND SLOPED TOWARD THE DRAIN. REFER TO STRUCTURAL FOR RECESS AND SLOPE REQUIREMENTS.

SHOCK ARRESTOR SCHEDULE

3

MARK	WSFU	P.D.I. CROSS	MANUFACTURER
	RATING	REFERENCE	
SA-A	1-11	А	PRECISION PLUMBING PRODUCTS
SA-B	12-32	В	PRECISION PLUMBING PRODUCTS
SA-C	33-60	С	PRECISION PLUMBING PRODUCTS
SA-D	61-113	D	PRECISION PLUMBING PRODUCTS
SA-E	114-154	E	PRECISION PLUMBING PRODUCTS
SA-F	155-330	F	PRECISION PLUMBING PRODUCTS

WATER HEATER SCHEDULE

WATER HEATER	
MARK	EWH-1
LOCATION	GENERAL SER
SERVICE TEMPERATURE (°F)	140
SIZE (GALLONS)	66
RECOVERY (GPH) (AT 80° RISE)	23
C.W. INLET DIAMETER	3/4"
H.W. OUTLET DIAMETER	3/4"
ELECTRICAL REQUIREMENTS (V/KW/PH)	208V/4.5KW/3
INTERIOR FINISH	GLASS
REFERENCED MANUFACTURER	A.O. SMITH
MODEL NO.	DEN-66
EXPANSION TANK	
REFERENCED MANUFACTURER	WATTS
MODEL NO.	DETA-5
GENERAL NOTES	1

5

NOTES: 1. STANDBY LOSS SHALL COMPLY WITH IECC 2015.

PUMP SCHEDULE

MARK	HWCP-1
SERVICE	140-deg LOOP
DESCRIPTION	CENTRIFUGAL
G.P.M.	5
HEAD (FT.)	5
EFFICIENCY (MIN.)	N/A
SHUT OFF HEAD (FT. W.)	12
MAX. STABLE DELIVERY	14
MOTOR	
W or HP / V / ø	1/6 HP / 115 / 1
R.P.M.	1725
REFERENCE	
MANUFACTURER	BELL & GOSSETT
MODEL NO.	SERIES PR
NOTES	1,2

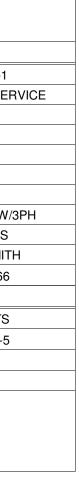
1. PROVIDE MANUFACTURER'S STANDARD TIMER FOR PROGRAMMED START/STOP (WEEKLY SETTINGS); PROVIDE WITH AQUASTAT.

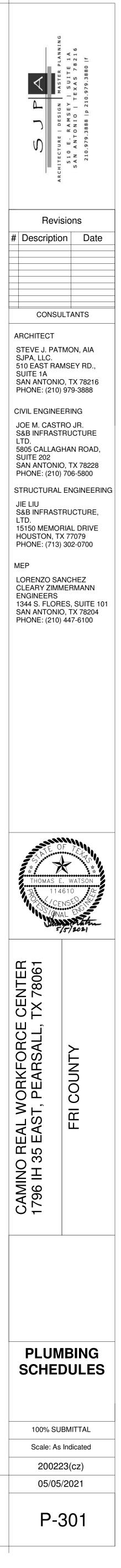
2. ALL BRONZE CONSTRUCTION, 100% LEAD FREE.

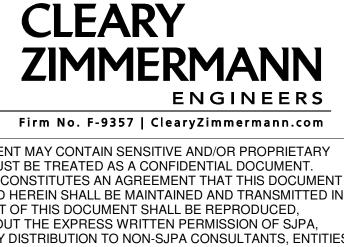


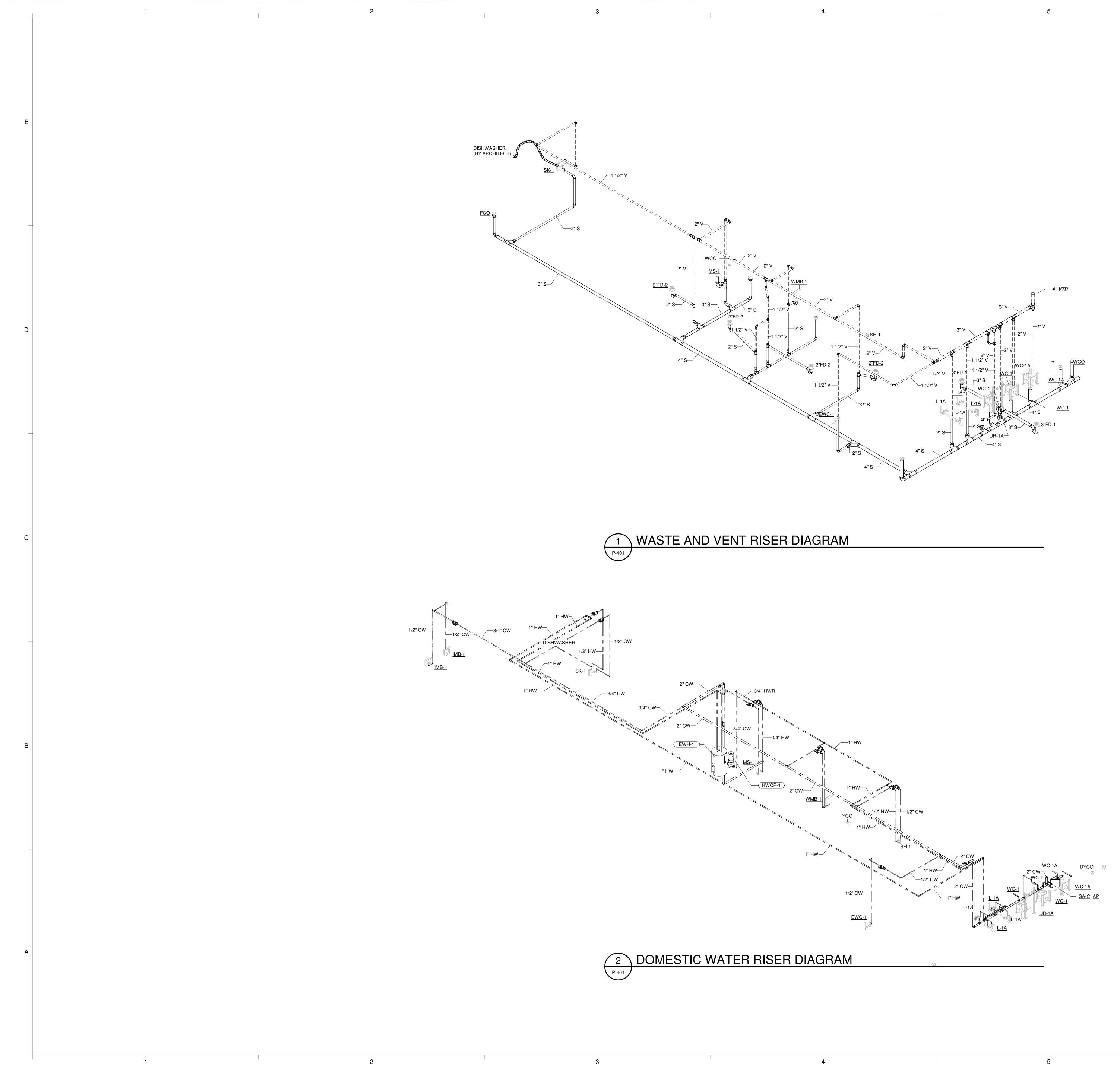
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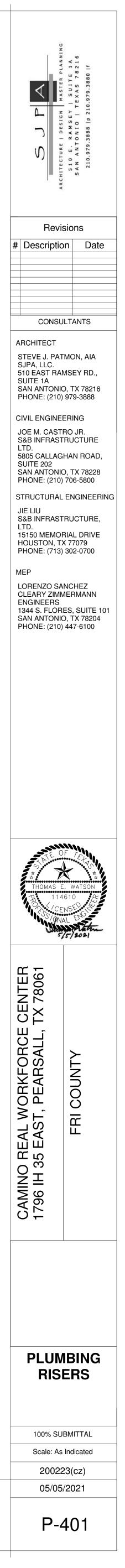


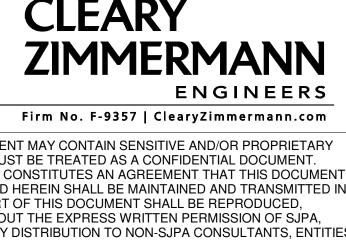


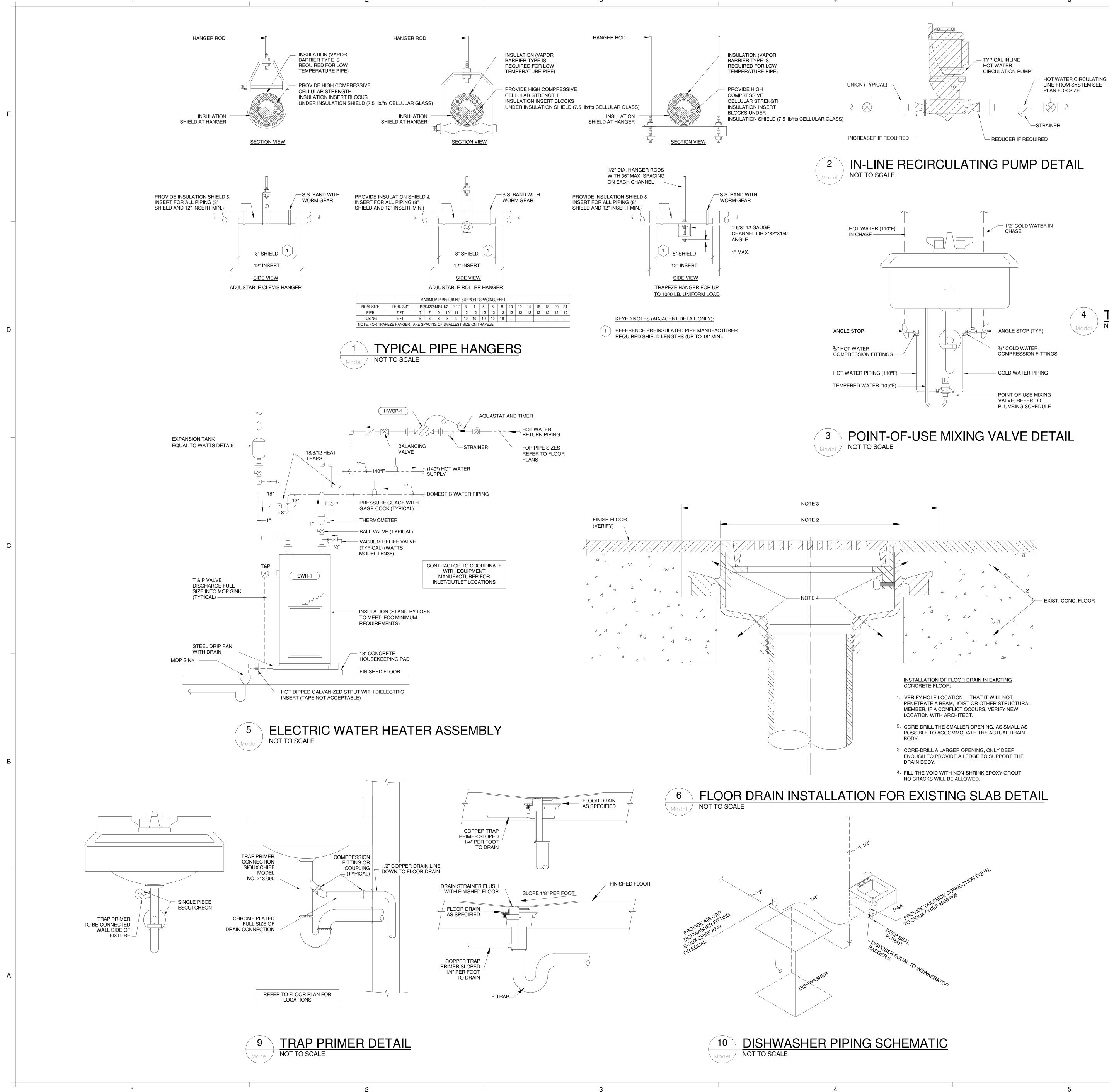


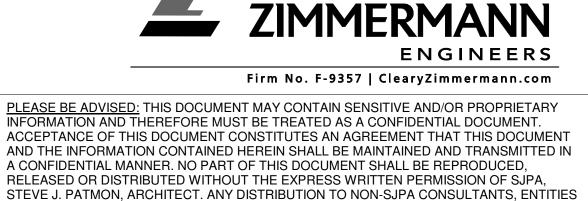
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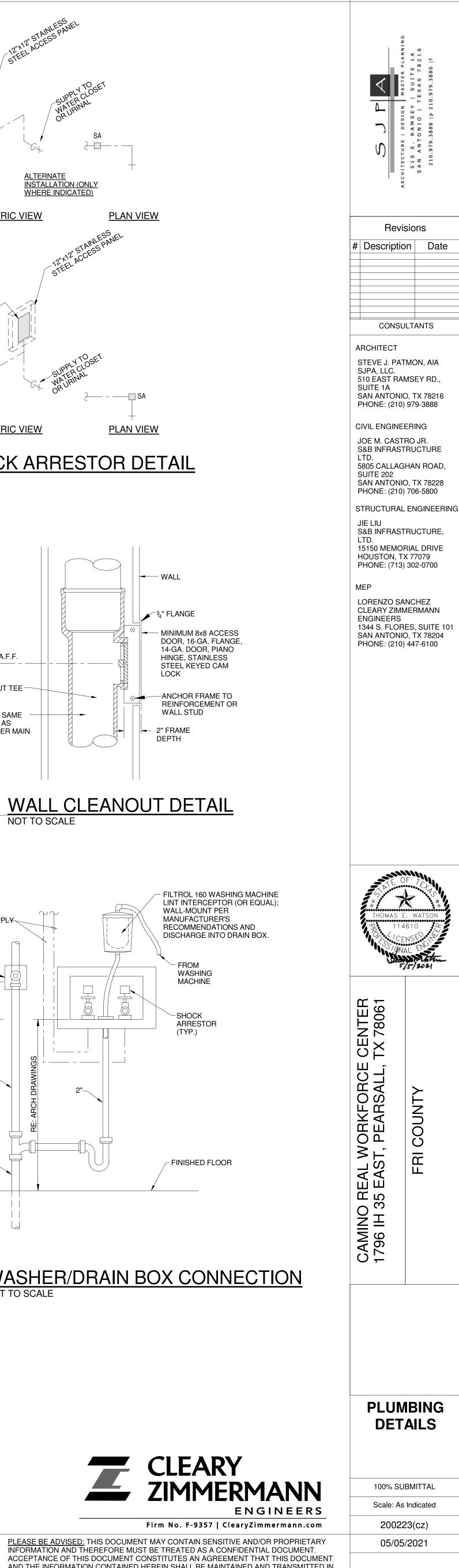








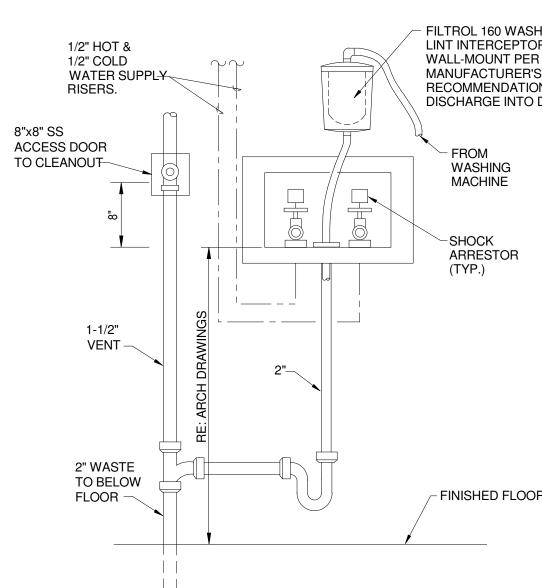
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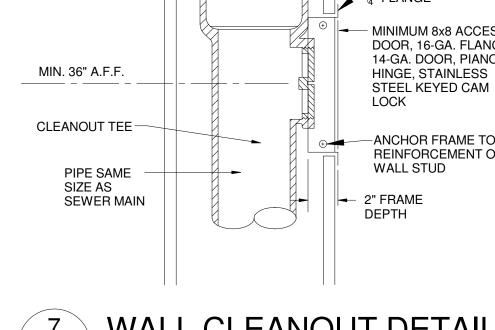


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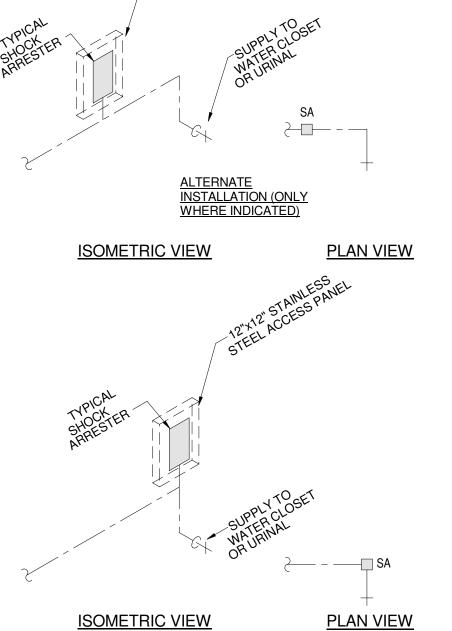


- EXIST. CONC. FLOOR





TYPICAL SHOCK ARRESTOR DETAIL NOT TO SCALE



1

		SYMBOLS					ABBRE
	<u>GENERAL</u>		PANEL AND RELATED ITEMS		<u>FIRE ALARM</u>		
\mathcal{N}	MOTOR, HP AS INDICATED		PANELBOARD (SEE SCHEDULE), SURFACE MOUNTED.	FACP	FIRE ALARM CONTROL PANEL	А	AMPERE(S)
\square	CONTROLLER TO BE FURNISHED UNDER DIVISION 15 AND INSTALLED		PANELBOARD (SEE SCHEDULE), FLUSH MOUNTED.	FAEX	FIRE ALARM EXPANSION PANEL	AC A/C	ABOVE COUNTER
	UNDER DIVISION 16	SWBD	SWITCHBOARD OR DISTRIBUTION BOARD	ANN	REMOTE FIRE ALARM ANNUNCIATOR	A/C AIC	AIR CONDITIONING
D	DISCONNECT SWITCH		SWITCHBOARD OR DISTRIBUTION BOARD	_		AFF	ABOVE FINISHED FLOOR
$\boxtimes^{\!\!\!\!\!}$	COMBINATION MOTOR STARTER/DISCONNECT SWITCH	MCC	MOTOR CONTROL CENTER	F	MANUAL PULL STATION 48" AFF	AFG	ABOVE FINISHED GRADE
J	JUNCTION BOX, CEILING MOUNTED	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR.		SMOKE DETECTOR; DASHED INDICATES BELOW RAISED FLOOR	AHU	AIR HANDLING UNIT
		TELE	PLYWOOD TELEPHONE BACKBOARD: PROVIDE WALL MOUNTED WHITE PAINTED		SMOKE DETECTOR, DUCT MOUNTED	AL , ALUM ATS	ALUMINUM AUTOMATIC TRANSFER SWITCH
ΗŪ	JUNCTION BOX, WALL MOUNTED		4x8' PLYWOOD BACKBOARD, SURGE PROTECTION, SECONDARY GROUND, AND TWO QUAD RECEPTACLES AT THE BASE OF THE BACKBOARD.			AWG	AMERICAN WIRE GAUGE
PC	PHOTO CELL			ΗT	TEST SWITCH	BLDG	BUILDING
R	RELAY		OUTLETS	HD	HEAT DETECTOR	С	CONDUIT
ТС	TIME CLOCK	<i>ф</i>	SIMPLEX RECEPTACLE STAINLESS STEEL COVERPLATE.	FS	FLOW SWITCH	СВ	
		Ψ			TAMPER SWITCH	CCTV CFCI	CLOSED CIRCUIT TELEVISION CONTRACTOR FURNISHED,
C	CONTACTOR	Φ	DUPLEX RECEPTACLE, 20A, 1P, WITH COVER PLATE 5-20R. COLOR BY ARCHITECT/OWNER.	TS			CONTRACTOR INSTALLED
	BELL		DUPLEX RECEPTACLE; GFI=GROUND FAULT INTERRUPTING, WP=WEATHERPROOF,	PS	PRESSURE SWITCH	CKT	CIRCUIT
\Box	BUZZER	$^{WP, T, GFI, C, TV}$	T=TAMPER RESISTANT, IG=ORANGE ISOLATED GROUND, C=CLOCK OUTLET MOUNTED 18" BELOW CEILING, TV=TV RECEPTACLE WITH COMBINATION	AV	FIRE ALARM AUDIO-VISUAL ANNUNCIATOR	COND	CENTRAL PROCESSING UNIT
C	CEILING MOUNTED CLOCK		DUPLEX/COAX PLATE MOUNTED 7'6" AFF	V	VISUAL ANNUNCIATOR	СТ	CURRENT TRANSFORMER
н©		\oplus	DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE, WITH COVER PLATE. COLOR BY ARCHITECT/OWNER.		MAGNETIC DOOR HOLDER	DCP	DATA COLLECTION PANEL
	WALL MOUNTED CLOCK	ц		DH		DIA	DIAMETER
	WALL MOUNTED DOUBLE FACE CLOCK-HEIGHT AS DESIGNATED BY ARCHITECT	\bullet	RED DUPLEX RECEPTACLE WITH COVERPLATE CONNECTED TO STAND-BY POWER BRANCH. COLOR BY ARCHITECT/OWNER.	(PJ)	FIRE FIGHTERS PHONE JACK	DC DIST	DISCONNECT
	TRANSFORMER AS INDICATED	#	RED QUAD RECEPTACLE WITH COVERPLATE, CONNECTED TO STAND-BY POWER			DN	DOWN
		-	BRANCH. COLOR BY ARCHITECT/OWNER.		<u>SITE UTILITY</u>	DWGS	DRAWINGS
ATS	AUTOMATIC TRANSFER SWITCH	\bigcirc	SPECIAL PURPOSE RECEPTACLE. SEE PANEL SCHEDULES AND FLOOR PLAN NOTES FOR TYPE. RECEPTACLE SHALL BE FLUSH MOUNT. PROVIDE TWO GANG BACKBOX,	\bigcirc	MANHOLE NUMBER 1; CMH-INDICATES COMMUNICATIONS MANHOLE.	EC	EMPTY CONDUIT
+	EQUIPMENT CONNECTION		PLASTER RING, AND STAINLESS STEEL PLATE.	✓ MH#1	MANHOLE.	EF	EXHAUST FAN
2	KEYED NOTE NO. 2		ROUND FLUSH FLOOR BOX WITH DUPLEX POWER, AND BRASS COVER PLATE. HUBBELL B2529 WITH SF3925 COVER.	PB	PULLBOX OR HANDHOLE AS SPECIFIED ON DRAWINGS AND SPECIFICATIONS.	EQMT EWC	EQUIPMENT ELECTRIC WATER COOLER
•	MECHANICAL EQUIPMENT DESIGNATION. REFER TO MECHANICAL			o PP,UP	PP = POWER POLE; UP = MIXED-USE UTILITY POLE	EXH	EXHAUST
CH-1	EQUIPMENT SCHEDULES.	\heartsuit	FLOOR BOX HUBBELL LCFBSS (OR EQUIV.). PROVIDE 3/4" CONDUIT FOR POWER AND 1-1" CONDUIT FOR DATA/IT EQUIPMENT. PROVIDE TWO (2) 20A SINGLE POLE DUPLEX RECEPTACLES, AND TWO (2) TWO SPACE MODULAR RJ-45 JACK PLATES. SEE FLOOR	∇		EXP	EXPLOSION PROOF
	LUMINAIRES		PLANS/SPECS FOR DATA FILL AND WHETHER IT CONDUIT IS TO ABOVE ACCESSIBLE CEILING , CABLE TRAY, OR BACK TO IDF/MDF/PHONE BOARD. PROVIDE FLOOR		POLE MOUNTED TRANSFORMERS	EXTG	EXISTING
٨			INSERT.		TELEPHONE TERMINAL BOX	F/A , F.A.	
	LUMINAIRE, CEILING OR WALL MOUNTED (SEE FIXTURE SCHEDULE). SUBSCRIPT INDICATES ASSOCIATED SWITCHING. CAPITAL LETTER INDICATES FIXTURE TYPE. "E" SUFFIX INDICATES CONNECTION TO EMERGENCY GENERATOR SYSTEM.	\boxtimes	POWER POLE	AP	AERIAL PRIMARY	FLUOR FN	FLUORESCENT FULL NEUTRAL
<u> </u>		∇	TELEPHONE OUTLET: TWO GANG BOX, CONDUIT BUSHINGS, PLASTER RING, 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.	AS	AERIAL SECONDARY	FT	FEET, FOOT
0	FIXTURE CEILING MOUNTED (SEE FIXTURE SCHEDULE)			——————————————————————————————————————	AERIAL TELECOM.	GALV	GALVANIZED
Ю	FIXTURE WALL MOUNTED (SEE FIXTURE SCHEDULE)	\mathbf{A}	TELEVISION OUTLET: FEMALE COAX JACK, WALL PLATE, 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.	UP	UNDERGROUND PRIMARY UNDERGROUND SECONDARY	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
$\bigcirc - \succ$	WALLWASH FIXTURE CEILING MOUNTED. ARROW INDICATES DIRECTION OF WASH.	∇	DATA OUTLET: TWO GANG BOX, CONDUIT BUSHINGS, PLASTER RING, 1" CONDUIT TO	UT	UNDERGROUND TELEPHONE/COMMUNICATIONS	GFI GND	GROUND FAULT INTERRUPTER
† ⊗†	EXIT LIGHT, UNSWITCHED, BATTERY BACK-UP, SELF DIAGNOSTICS, CEILING	v	ABOVE ACCESSIBLE CEILING.			GRD	GALVANIZED RIGID STEEL
101	MOUNTED WITH ARROWS AS INDICATED ON DRAWINGS. CONNECT TO EMERGENCY SYSTEM (IF AVAILABLE).	\Box	COMBINATION DATA/POWER 2 GANG SPLIT BOX MOUNTED IN CEILING. PROVIDE 1" CONDUIT FROM BOX TO CABLE TRAY. PROVIDE 3/4" CONDUIT TO DUPLEX.		SECURITY	HID	HIGH INTENSITY DISCHARGE
⊦⊗‡	EXIT LIGHT, UNSWITCHED, WALL MOUNTED, BATTERY BACK-UP, SELF DIAGNOSTICS.					HP	HORSEPOWER
	WITH ARROWS AS INDICATED ON DRAWINGS. CONNECT TO EMERGENCY SYSTEM (IF AVAILABLE).			SEC	SECURITY PANEL	HOA	HAND OFF AUTOMATIC
	FIXTURE IS UNSWITCHED. "E" SUFFIX INDICATES CONNECTION TO EMERGENCY			DC	DOOR CONTACT	HPS HVAC	HIGH PRESSURE SODIUM HEATING/VENTILATING/AIR CONDITIONI
	GENERATOR SYSTEM.		<u>SWITCHES</u>	TV	CCTV CAMERA WITH FIXED WIDE ANGLE LENS WALL	HZ	HERTZ
	FIXTURE WITH ONE BALLAST CONNECTED TO EMERGENCY GENERATOR SYSTEM.	\$ ^a	SINGLE POLE SWITCH, LOWERCASE SUBSCRIPT INDICATES ASSOCIATED CIRCUITRY		MOUNTED TO SET CAMERA 6" BELOW CEILING.	ID	INSIDE DIAMETER
	FIXTURE IS SWITCHED.	\$ ²	DOUBLE POLE SWITCH	TV PTZ	CCTV CAMERA; PT=PAN AND TILT; Z=ZOOM LENS	IG	ISOLATED GROUND
	EMERGENCY LIGHT, WALL MOUNTED, UNSWITCHED. CONNECTED TO EMERGENCY GENERATOR SYSTEM.	Ψ	DOUBLE FOLE SWITCH	TVA WP	EXTERIOR CAMERA IN WEATHERPROOF ENCLOSURE WITH ANTI-FOG HEATERS.	IMC	INTERMEDIATE STEEL CONDUIT
_	POLE MOUNTED LUMINAIRE. SEE SCHEDULE OR NOTES FOR TYPE. ORIENT FIXTURE	\$°	THREE-WAY SWITCH		ANTH OG HEATENS.	IN INCD	INCHES
-	FOR CUT-OFF TOWARDS AREA TO BE LIT. ORIENT HOUSE SHIELD TOWARDS BUILDING. SEE DETAILS FOR POLE BASE. PROVIDE POLE BASE GROUND ROD.	\$ ⁴	FOUR-WAY SWITCH	DL	DOOR LOCK	JB	JUNCTION BOX
		\$ ^ĸ	KEY OPERATED SWITCH	CR	CARD READER ACCESS	KV	KILOVOLT
≪]⊳					DURESS PUSHBUTTON	KVA	KILOVOLT AMPERE
•	FLOOD LIGHT. ARROW INDICATES AIMING DIRECTION.	\$ ^P					
	FLOOD LIGHT. ARROW INDICATES AIMING DIRECTION. TRACK LIGHT WITH HEADS AS INDICATED	\$ ^P	SWITCH WITH PILOT LIGHT IN HANDLE (ON LIGHTED UNLESS OTHERWISE NOTED)			KVAC	
•	TRACK LIGHT WITH HEADS AS INDICATED	\$ ^p \$ ^{wp}	SWITCH WITH PILOT LIGHT IN HANDLE (ON LIGHTED UNLESS OTHERWISE NOTED) WEATHERPROOF SWITCH	KP	KEYPAD	KVAC KVAR	KILOVOLT AMPERE REACTIVE
•		\$ ^p \$ ^{wp} \$ ^M \$ ^{MT}				KVAC	
	TRACK LIGHT WITH HEADS AS INDICATED RACEWAYS CONDUIT CONCEALED IN WALL OR CEILING WITH ONE PHASE, NEUTRAL	φ	WEATHERPROOF SWITCH		KEYPAD	KVAC KVAR KW	KILOVOLT AMPERE REACTIVE KILOWATT
	TRACK LIGHT WITH HEADS AS INDICATED	\$ [™] \$ ^{™⊤} \$ [™]	WEATHERPROOF SWITCH MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR) TIMER SWITCH	КР	KEYPAD DISTRIBUTION	KVAC KVAR KW KWH	KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR
	TRACK LIGHT WITH HEADS AS INDICATED RACEWAYS CONDUIT CONCEALED IN WALL OR CEILING WITH ONE PHASE, NEUTRAL	φ	WEATHERPROOF SWITCH MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR) TIMER SWITCH MULTIPLE SWITCHES, GANGED.	KP	KEYPAD DISTRIBUTION	KVAC KVAR KW KWH	KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR
	TRACK LIGHT WITH HEADS AS INDICATED BACEWAYS CONDUIT CONCEALED IN WALL OR CEILING WITH ONE PHASE, NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED CONDUIT UNDER FLOOR OR CAST IN STRUCTURE WITH ONE PHASE, NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED.	\$ [™] \$ ^{™⊤} \$ [™]	WEATHERPROOF SWITCH MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR) TIMER SWITCH MULTIPLE SWITCHES, GANGED. CEILING MOUNTED DUAL TECHNOLOGY EXTENDED RANGE 360 DEGREE MOTION SENSOR. PC=INTERGATED PHOTOCELL; BMS= INTERGATED AUX CONTACT. PROVIDE	КР	KEYPAD DISTRIBUTION MOLDED CASE CIRCUIT BREAKER DRAWOUT POWER CIRCUIT BREAKER	KVAC KVAR KW KWH	KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR
	TRACK LIGHT WITH HEADS AS INDICATED BACEWAYS CONDUIT CONCEALED IN WALL OR CEILING WITH ONE PHASE, NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED CONDUIT UNDER FLOOR OR CAST IN STRUCTURE WITH ONE PHASE, EUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED. SWITCH LEG	\$ [™] \$ ^{™⊤} \$ [™]	WEATHERPROOF SWITCH MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR) TIMER SWITCH MULTIPLE SWITCHES, GANGED. CEILING MOUNTED DUAL TECHNOLOGY EXTENDED RANGE 360 DEGREE MOTION	КР	KEYPAD DISTRIBUTION MOLDED CASE CIRCUIT BREAKER DRAWOUT POWER CIRCUIT BREAKER	KVAC KVAR KW KWH LPS	KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR LOW PRESSURE SODIUM
ΔΔΔ 	TRACK LIGHT WITH HEADS AS INDICATED BACEWAYS CONDUIT CONCEALED IN WALL OR CEILING WITH ONE PHASE, NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED CONDUIT UNDER FLOOR OR CAST IN STRUCTURE WITH ONE PHASE, NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED.	\$ \$ ^M \$ ^{MT} \$ ^T \$ ^a \$ ^b \$ ^d	WEATHERPROOF SWITCH MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR) TIMER SWITCH MULTIPLE SWITCHES, GANGED. CEILING MOUNTED DUAL TECHNOLOGY EXTENDED RANGE 360 DEGREE MOTION SENSOR. PC=INTERGATED PHOTOCELL; BMS= INTERGATED AUX CONTACT. PROVIDE WITH A nPP20 POWER PACK FOR NON-DIMMING AND nPP16D POWER PACK FOR DIMMING WALL SWITCH DUAL TECHNOLOGY SENSOR WITH PUSH BUTTON OVERRIDE AND	КР	KEYPAD DISTRIBUTION MOLDED CASE CIRCUIT BREAKER DRAWOUT POWER CIRCUIT BREAKER AIR, VACUUM OR SF AS SPECIFIED	KVAC KVAR KW KWH LPS	KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR LOW PRESSURE SODIUM
<u>∆∆∆</u> 1A-2,4,6	<section-header></section-header>	\$ [™] \$ ^{™⊤} \$ [™]	WEATHERPROOF SWITCH MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR) TIMER SWITCH MULTIPLE SWITCHES, GANGED. CEILING MOUNTED DUAL TECHNOLOGY EXTENDED RANGE 360 DEGREE MOTION SENSOR. PC=INTERGATED PHOTOCELL; BMS= INTERGATED AUX CONTACT. PROVIDE WITH A nPP20 POWER PACK FOR NON-DIMMING AND nPP16D POWER PACK FOR DIMMING WALL SWITCH DUAL TECHNOLOGY SENSOR WITH PUSH BUTTON OVERRIDE AND ADJUSTABLE FIELD OF VIEW (COLOR BY ARCHITECT). "D" INDICATES DIMMING. "OS" DEVICE SHALL BE PROGRAMMED TO AUTO-ON, AUTO-OFF WITHIN 20 MINS (ADJ) OF ROOM BEING VACANT. "VS" DEVICE SHALL BE PROGRAMMED TO MANUAL-ON,	КР	KEYPAD DISTRIBUTION MOLDED CASE CIRCUIT BREAKER DRAWOUT POWER CIRCUIT BREAKER AIR, VACUUM OR SF AS SPECIFIED	KVAC KVAR KWH LPS COMI A THIRD	KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR LOW PRESSURE SODIUM
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3

VOLUME CONTROL SWITCH FOR PA SPEAKER. WALL MOUNTED.

1

ELECTRICAL SYMBOLS AND ABBREVIATIONS

(SOME SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT)

IONS

MAX

MCB

MCC

MDP

MECH

MLO

MTD

MTG

NO

OC

OFCI

P/C

PDP

PH.Ø

PWF

QUAD

S.C.

SCC

SQFT

TELE

TSTAT

TVSS

UON

UPS

5

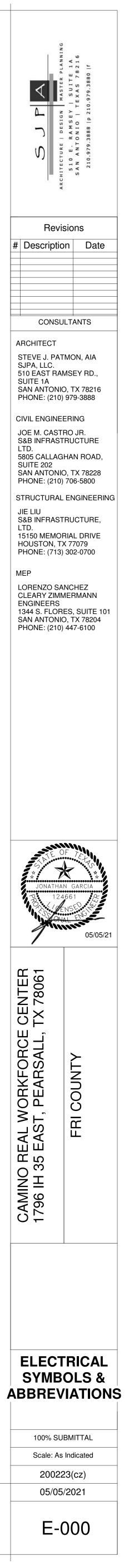
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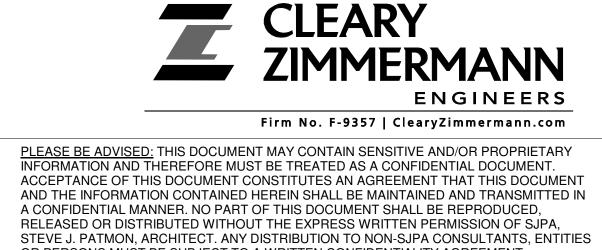
MAXIMUM
MAIN CIRCUIT BREAKER
MOTOR CONTROL CENTER
MAIN DISTRIBUTION PANEL
MECHANICAL
METAL HALIDE
MINIMUM
MAIN LUGS ONLY
MOUNTED
MOUNTING
MERCURY VAPOR
MICROWAVE
NOT APPLICABLE
NORMALLY CLOSED
NONFUSIBLE
NIGHT LIGHT
NORMALLY OPEN
ON CENTER
OWNER FURNISHED CONTRACTOR INSTALLED
OVERHEAD
POLE
PUBLIC ADDRESS
PUSHBUTTON
PRIVATE BUILDING EXCHANGE
PULL CHAIN
PHOTO CELL
POWER DISTRIBUTION PANEL
PHASE
PANELBOARD
POUNDS PER SQUARE INCH
QUAD RECEPTACLE
REFRIGERATOR
SECURITY
SPLIT CIRCUIT
STATUS COMMAND CENTER
SOLID NEUTRAL
SQUARE FOOT
SWITCH
SWITCHBOARD
TIME CLOCK
TELEPHONE
THERMOSTAT
TELEVISION
TRANSIENT VOLTAGE SURGE SUPPRESSOR
UNLESS OTHERWISE NOTED
UNINTERRUPTABLE POWER SUPPLY
VOLT(S)
VENDING
VAPOR PROOF
WIRE , WATT(S)
WEATHERPROOF
TRANSFORMER
TRANSPONDER
WYE
IMPEDANCE
DELTA
ONE POLE
TWO POLE
THREE POLE

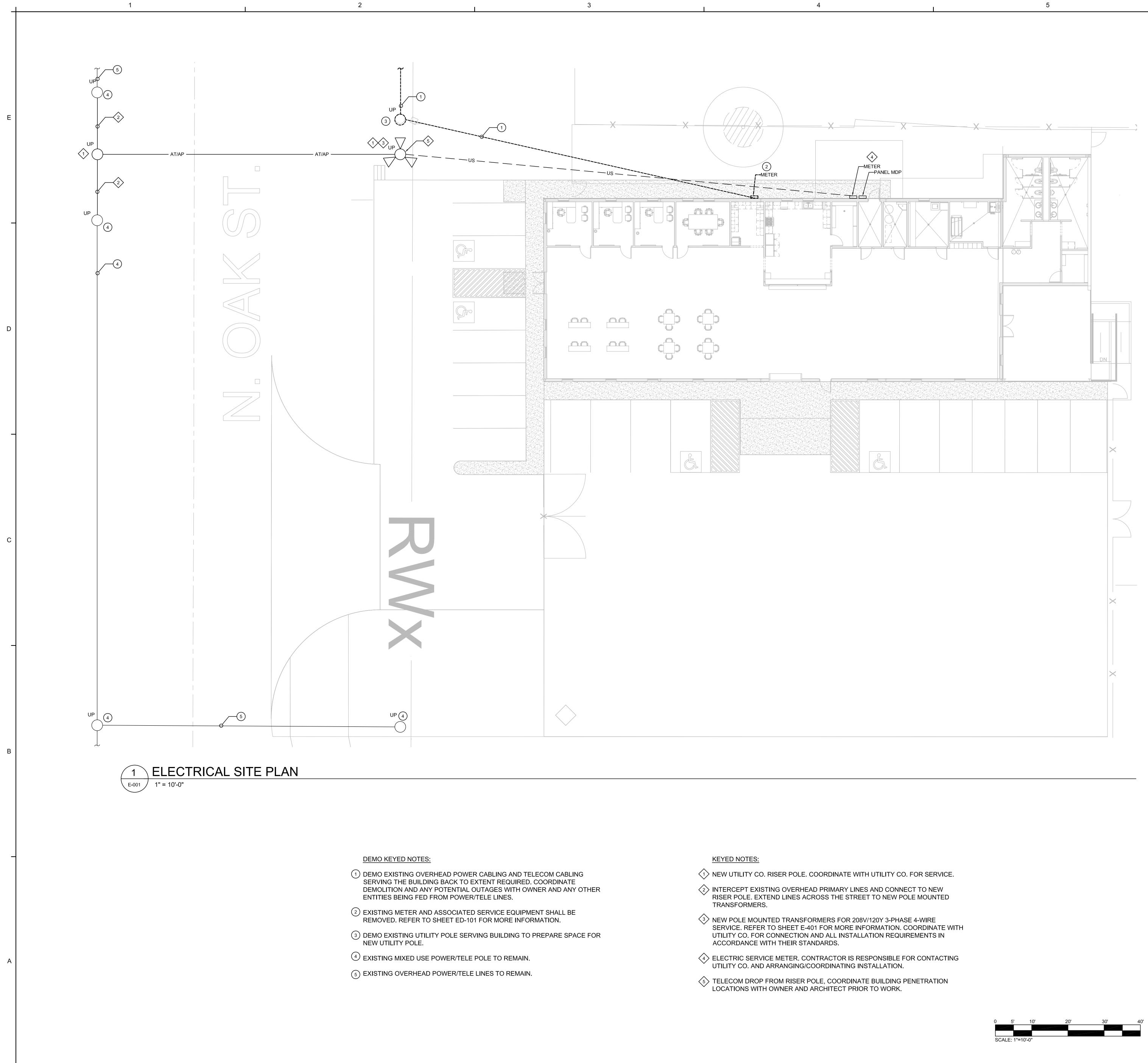


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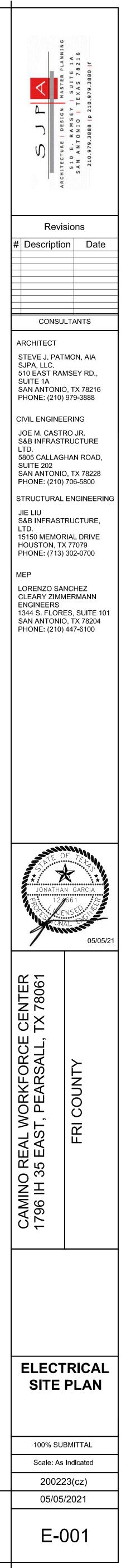
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1. SEE OTHER SHEETS FOR ADDITIONAL DEVICES

(A.1)-

(B.2)-

2. GENERAL: EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE REMOVE FROM OWNER OCCUPIED AREAS DAILY. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.

3. TRACE CIRCUITS FEEDING EXISTING TO-REMAIN PORTIONS OF THE BUILDING. DO NOT DEMOLISH CIRCUITS IN THESE AREAS. IF CIRCUITS ARE IN BOTH "TO REMAIN" AND "TO BE REMOVED" AREAS, DEMOLISH BACK TO NEAREST TO-REMAIN J-BOX.

4. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. COMPLETE SELECTIVE DEMOLITION OPERATIONS ABOVE EACH FLOOR OR TIER BEFORE DISTURBING SUPPORTING MEMBERS ON THE NEXT LOWER LEVEL.

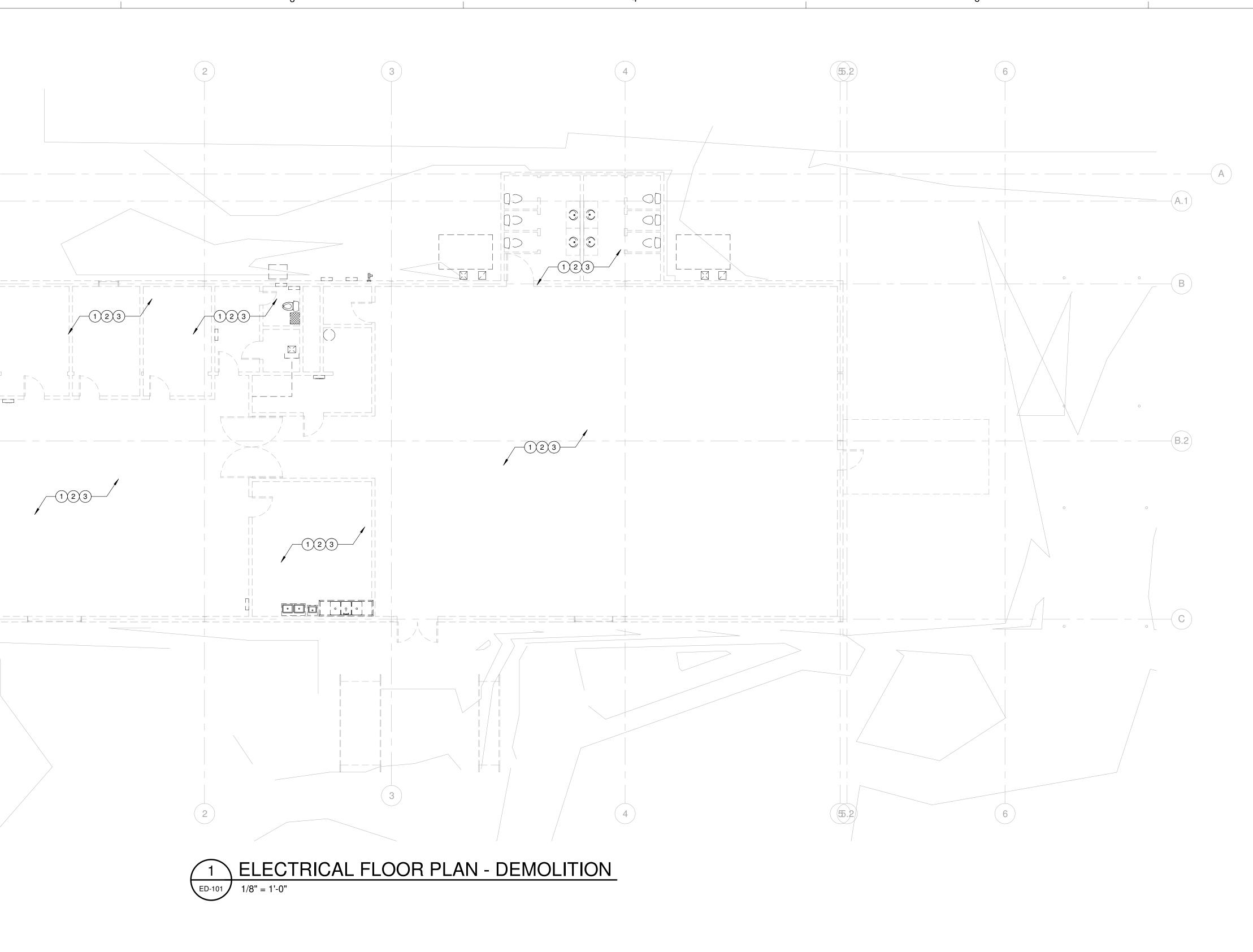
5. REMOVED AND SALVAGED ITEMS: CLEAN SALVAGED ITEMS, PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER. TRANSPORT ITEMS TO OWNER'S STORAGE AREA DESIGNATED BY OWNER. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE.

6. REMOVED AND REINSTALLED ITEMS: CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. PAINT EQUIPMENT TO MATCH NEW EQUIPMENT. PACK OR CRATE ITEMS AFTER CLEANING AND REPAIRING. IDENTIFY CONTENTS OF CONTAINERS. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED.

7. EXISTING ITEMS TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.

8. COORDINATE ALL DEMO ACTIVITIES WITH OWNER AND ARCHITECT AND PROVIDE 10 DAYS NOTICE FOR ANY POWER OUTAGES.

1

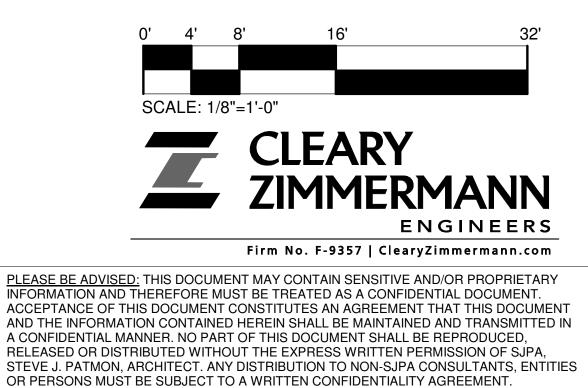


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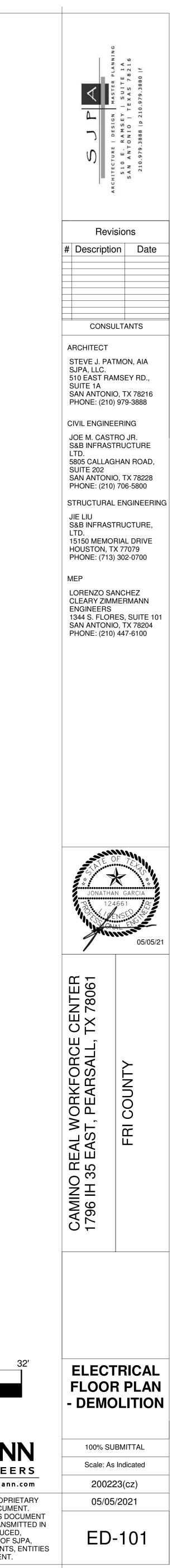
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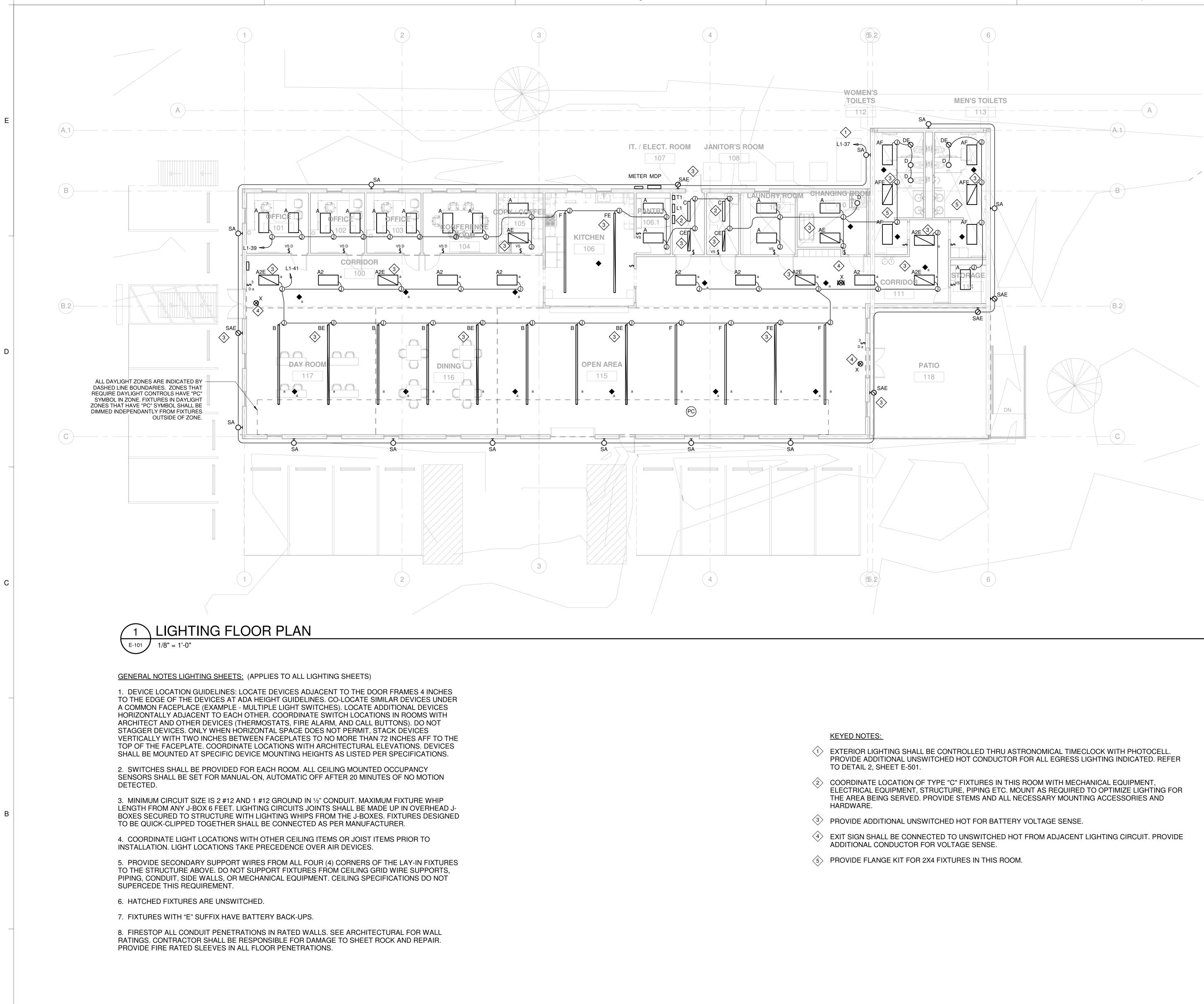
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- 1 DEMOLISH ALL EXISTING CONDUIT, CONDUCTORS, RECEPTACLES, AND ALL EQUIPMENT FROM BUILDING. REMOVE EXISTING SERVICE PANEL AND METER.
- DEMOLISH ALL EXISTING LIGHTING FIXTURE, CONTROLS AND ASSOCIATED WIRING AND CONDUIT.
- ③ DEMOLISH ALL EXISTING FIRE ALARM EQUIPMENT, WIRING AND DEVICES. DEMOLISH ALL EXISTING CAMERA EQUIPMENT AND WIRING. DEMOLISH ALL EXISTING DATA CONDUIT, WIRING, AND INFRASTRUCTURE.



6



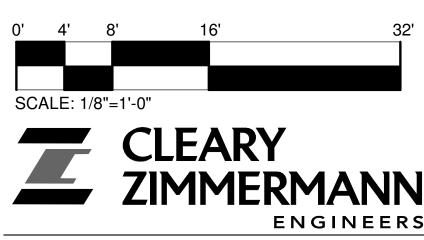


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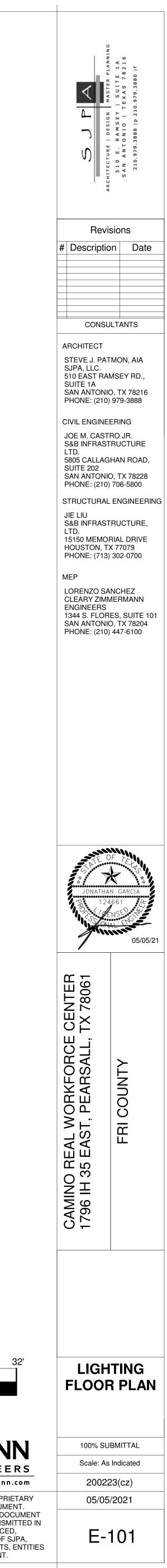
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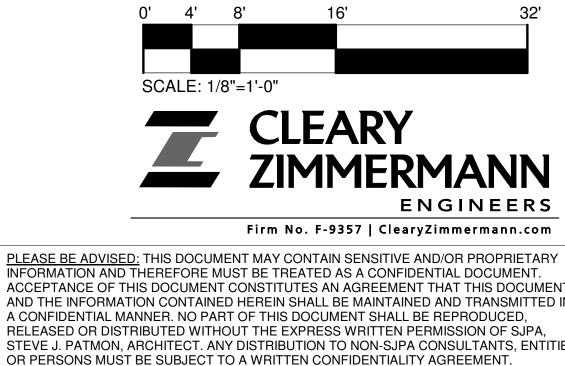


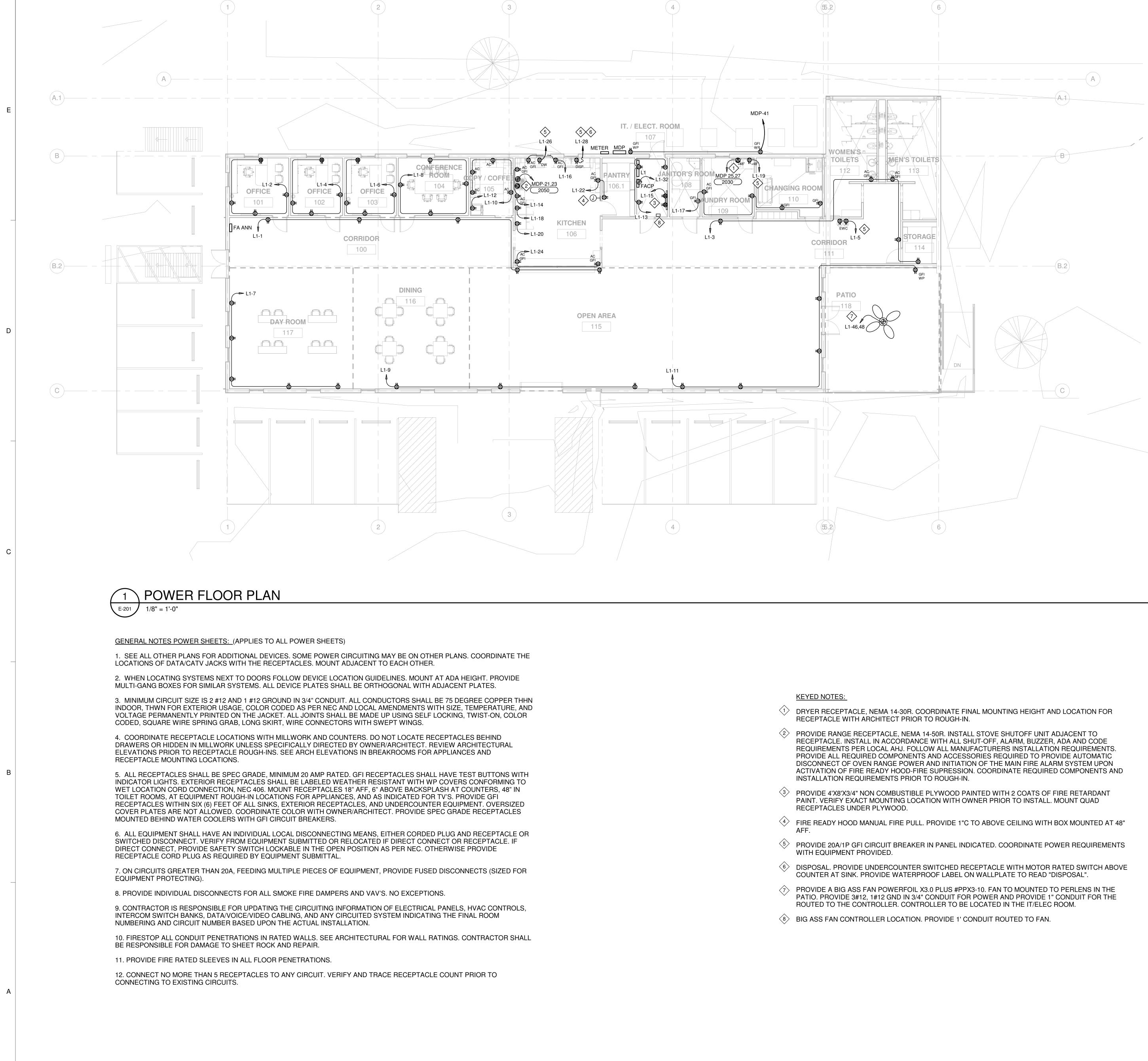
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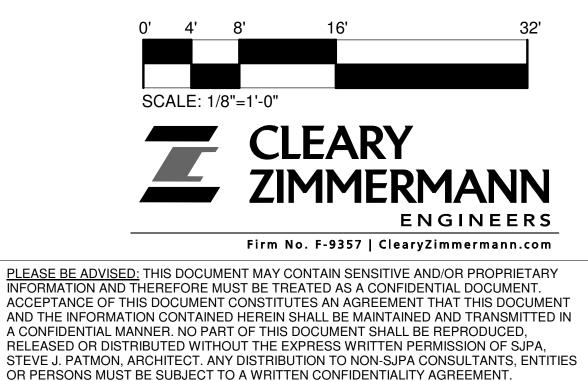
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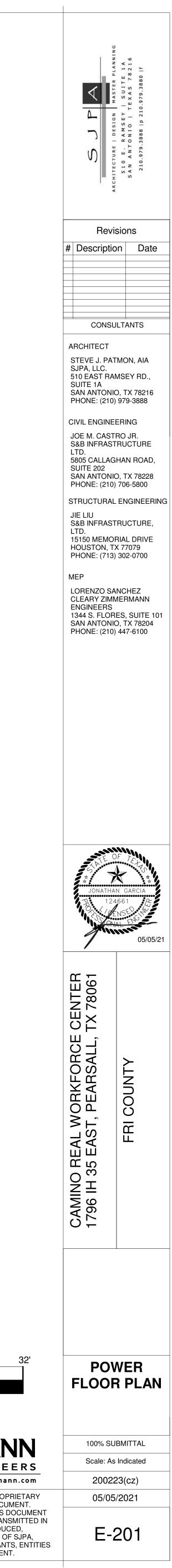


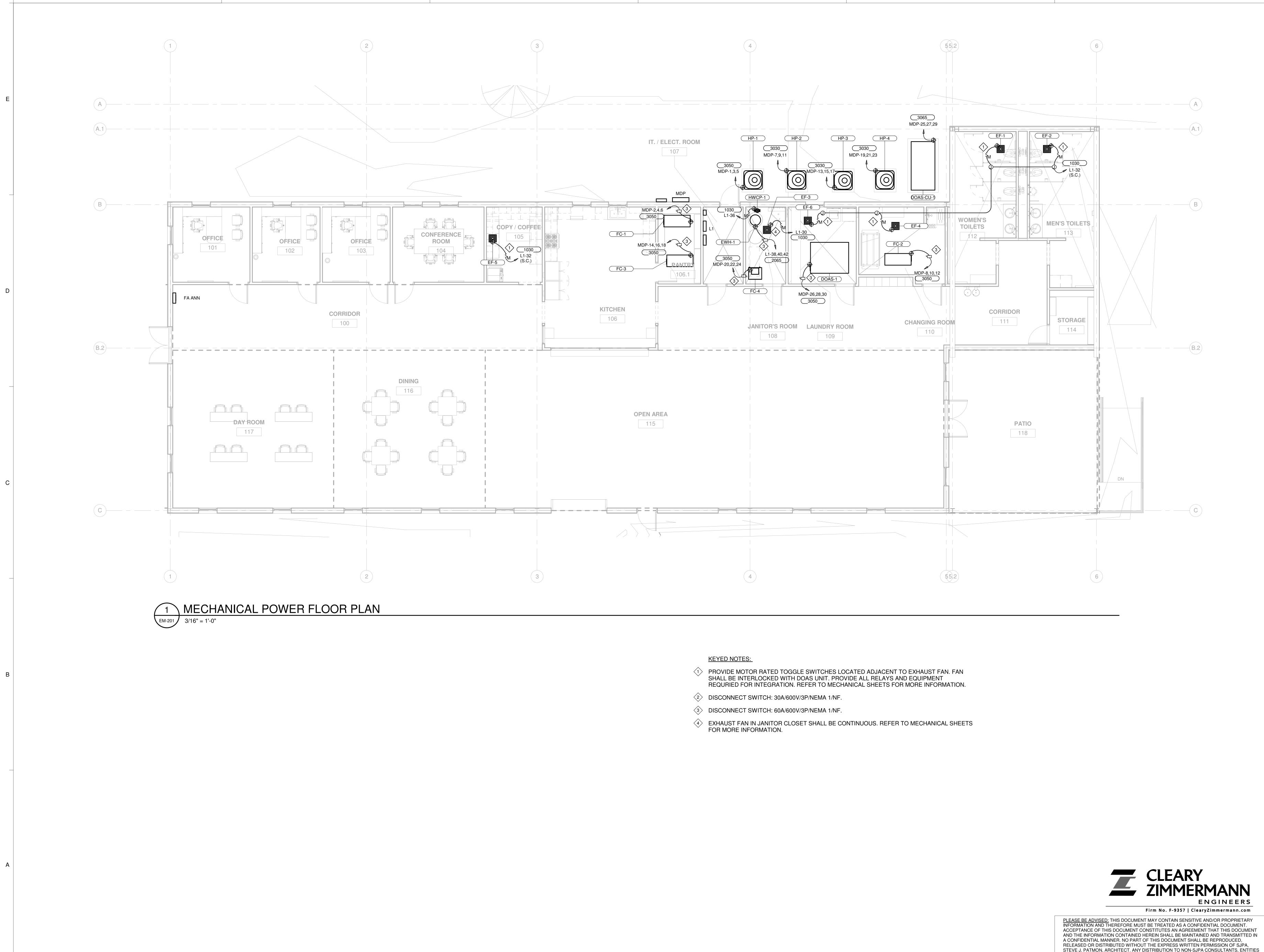




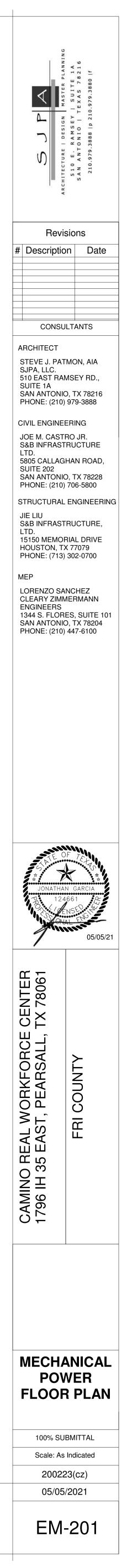


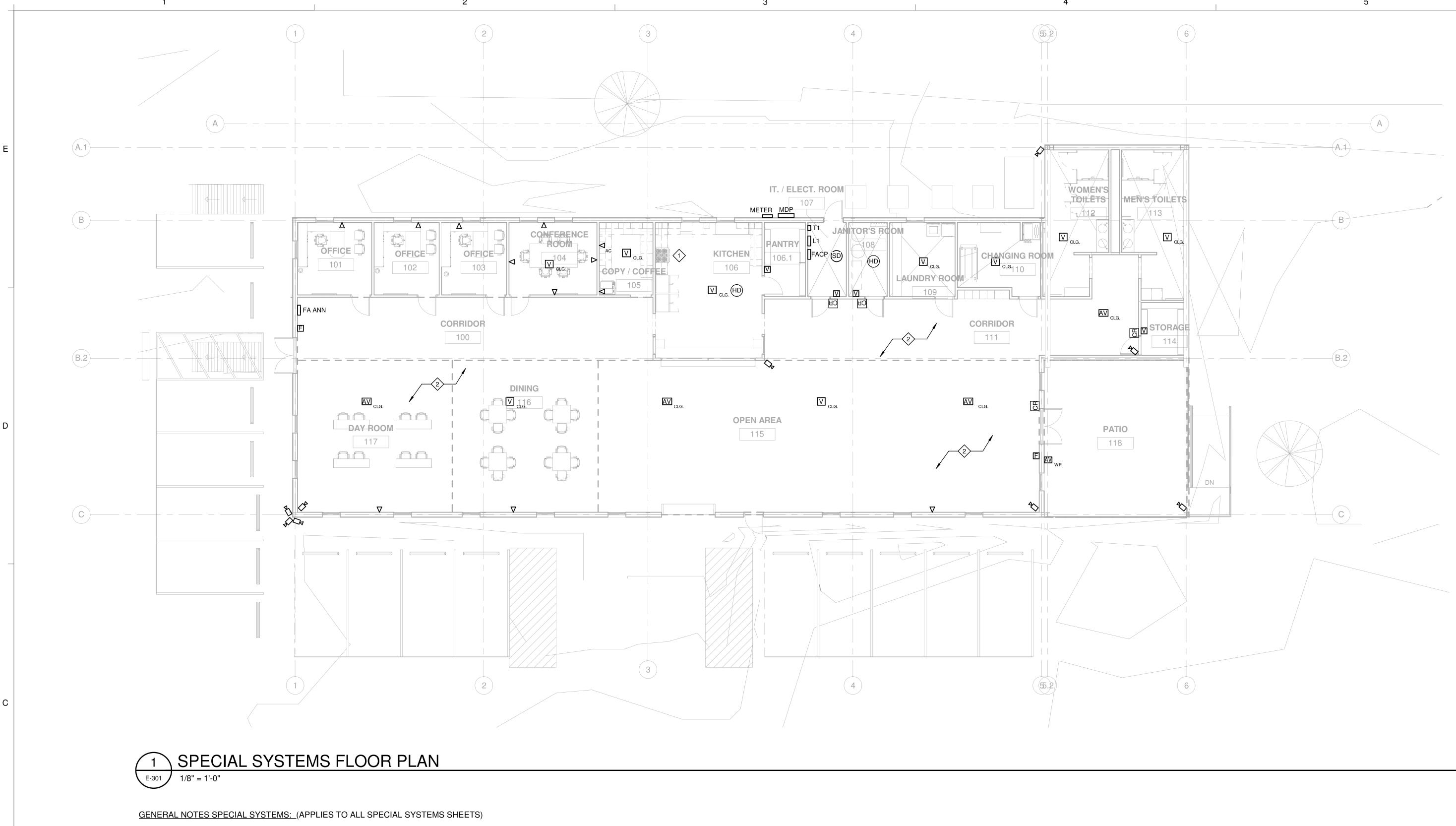






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1. SEE ALL OTHER PLANS FOR ADDITIONAL DEVICES.

2. WHEN LOCATING SYSTEMS NEXT TO DOORS, FOLLOW DEVICE LOCATION GUIDELINES.

3. ALL CABLING SHALL BE IN CONDUIT IN EXPOSED SPACES REGARDLESS IF ALLOWED NOT TO BE IN CONDUIT BY OTHER SPECIFICATIONS UNLESS DIRECTED OTHERWISE BY THE ENGINEER. ALL CABLING TO BE SUPPORTED BY J-HOOKS WHEN NOT IN CONDUIT OR CABLE TRAY. DO NOT STRAP TO STRUCTURE. SEPARATE CABLING AND PROVIDE SEPARATE J-HOOKS FOR DATA, CONTROLS, PA, SECURITY, AND FIRE ALARM IF NOT IN CONDUIT. TIE WRAP CABLING TOGETHER EVERY 4-6 FEET. PROVIDE SERVICE LOOPS IN CABLING, TIE WRAPPED TOGETHER. SERVICE LOOP SHALL BE 24" MINIMUM.

4. PROVIDE CONDUIT SLEEVES THROUGH WALLS. ALL CONDUITS SHALL HAVE NYLON BUSHINGS ON THE ENDS. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS UNDER TWO (2) INCHES. PROVIDE MULE TAPE IN ALL EMPTY CONDUITS TWO (2) INCHES AND LARGER OR ANY CONDUIT RUNS LONGER THAN 100 FEET WITHOUT INTERMEDIATE PULL BOXES. SLEEVES LESS THAN 36 INCHES DO NOT REQUIRE PULL STRINGS.

5. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. PROVIDE INTUMESCENT FILL IN WALL CONDUIT SLEEVES IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR.

6. PROVIDE FIRE RATED SLEEVES WITH INTUMESCENT FILL IN ALL FLOOR PENETRATIONS.

7. ALL CABLING SHALL BE PLENUM RATED. ALL UNDERGROUND CABLING SHALL BE OUTDOOR RATED AS WELL AS PLENUM RATED. NO EXCEPTIONS.

8. PROVIDE TUBE TYPE DUCT SMOKE DETECTORS FOR ALL SMOKE FIRE DAMPERS. PROVIDE TUBE TYPE DUCT SMOKE DETECTORS IN EACH AIR HANDLING UNIT IN THE SUPPLY AND RETURN. ALL DUCT SMOKE DETECTORS SHALL HAVE THE FOLLOWING CHARACTERISTICS; MOUNTED IN THE DIRECTION OF AIR FLOW, ADDRESSABLE WITH SELF SENSITIVITY, RATED FOR THE AIR SPEED, AND HAVE REMOTE INDICATOR LIGHT TEST STATIONS. FIRE ALARM CONTRACTOR SHALL PROVIDE INTERFACE OF DUCT SMOKE DETECTORS AND FIRE ALARM PANEL. PROVIDE 24V POWER FROM FIRE ALARM PANEL.

9. PROVIDE LEXAN COVERS FOR ALL FIRE ALARM PULL STATIONS.

10. SEE SPECIFICATIONS FOR ADDITIONAL FIRE ALARM DEVICES AND MOUNTING HEIGHTS. MOUNT DEVICES IN ACCORDANCE WITH NFPA 72.

11. ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED BY THE FIRE ALARM PANEL.

12. THE FIRE ALARM CONTROL PANEL SHALL SHUNT ALL AIR HANDLERS AND CLOSE ALL SMOKE FIRE DAMPERS IN THE EVENT OF A FIRE ALARM. PROVIDE RELAYS FOR ALL AIR HANDLERS AND SMOKE FIRE DAMPER CIRCUITS AND CONNECT TO FIRE ALARM SYSTEM.

2

13. PROVIDE CLOCK STYLE RECEPTACLE FOR ALL WALL MOUNTED TV'S. LOCATE RECEPTACLE CENTERED IN TV. COORDINATE WITH OWNER EQUIPMENT.

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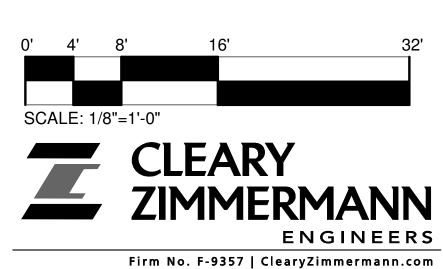
- LOCATIONS AND REQUIREMENTS.



FIRE ALARM SHALL ACTIVATE UPON FIRE READY HOOD FIRE SUPRESSION SYSTEM. FIRE READY HOOD SHALL BE A DEDICATED ADDRESS ON THE FIRE ALARM SYSTEM.

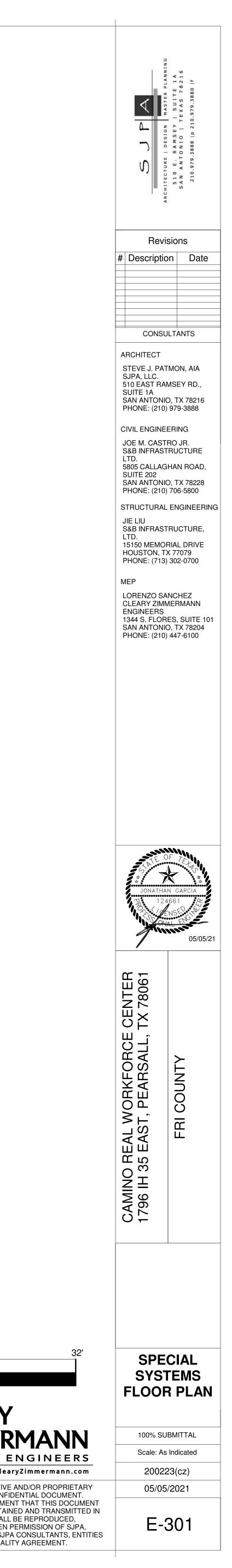
CONTRACTOR SHALL PROVIDE ALL CONDUIT, BACKBOXES, AND INFRASTRUCTURE REQUIRED FOR CAMERAS (INTERIOR/EXTERIOR), ACCESS HARDWARE, CARD READERS AND ASSOCIATED EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR

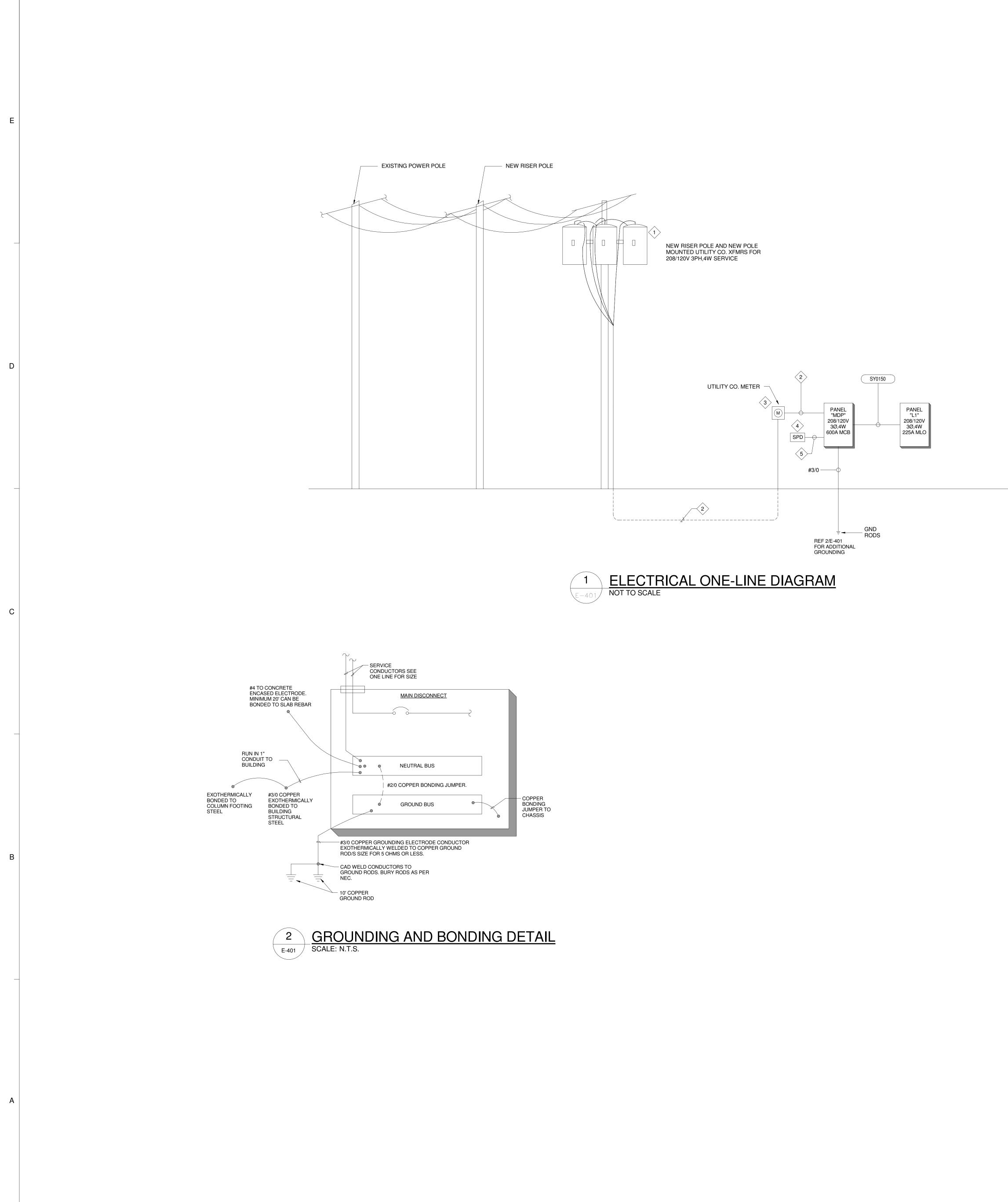
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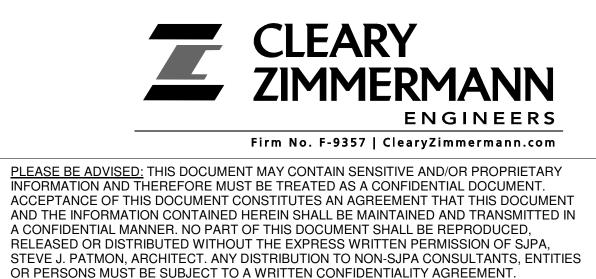
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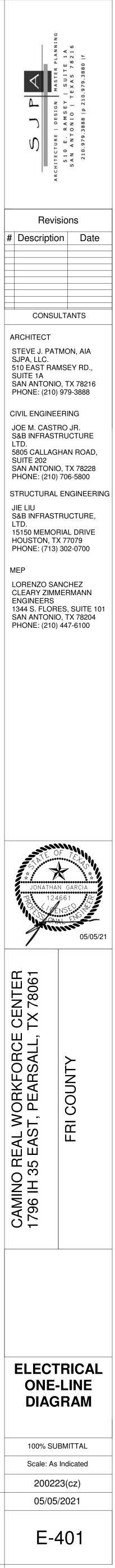
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- 1 COORDINATE WITH UTILITY CO. FOR ALL PRIMARY ELECTRICAL REQUIREMENTS, INCLUDING POLE LOCATION, POLE MOUNTED TRANSFORMER REQUIREMENTS, CONDUIT QUANTITIES AND SIZES, METER REQUIREMENTS, AND ALL OTHER EQUIPMENT NEEDED FOR A COMPLETE SERVICE.
- ² PROVIDE 2 SETS OF 4-#350KCMIL, EACH SET TO ROUTE INSIDE 3"C. COORDINATE WITH UTILITY CO. FOR CONNECTION AND ALL INSTALLATION REQUIREMENTS IN ACCORDANCE WITH THEIR STANDARDS.
- ³ ELECTRIC SERVICE METER. CONTRACTOR IS RESPONSIBLE FOR CONTACTING UTILITY CO. AND ARRANGING/COORDINATING INSTALLATION.
- 4 PROVIDE AND INSTALL SPD. REFER TO SPECIFICATIONS FOR REQUIREMENTS. COORDINATE BREAKER SIZE WITH MANUFACTURER AND PROVIDE CONDUCTORS TO ACCOMMODATE BREAKER SIZE PER NEC.
- 5 3 #10 AND 1#10GND IN 3/4"C IN 2" LONG NIPPLE TO MINIMIZE WIRE LENGTH.

PROJECT: PROJECT NUMBER: SQUARE FOOTAGE:	CAMINO REAL RENOVATION 200223cz			
NEW DISTRIBUTION:			208	VOLT
TYPE		NEW <u>CONNECTED</u>	NEW <u>DEMAND</u>	
EQUIPMENT:		29	29	Amps
RECEPTACLES:		107	67	Amps
LIGHTING:		6	8	Amps
AC/HEATING:		281	281	Amps
CONTINUOUS MOTORS:		2	2	Amps
OTHERS:		0	0	Amps
TOTAL		425	388	Amps
SERV	ICE VOLTAGE:	208	VOLT	
SCHEDULED SERV	CE AMPACITY:	600	AMP	

5





		E FEEDER SCHEDULE
MARK	CONDUIT	CONDUCTORS
1020	1 - 1/2" Conduit	2 - #12 and 1 - #12 Ground
1030	1 - 3/4" Conduit	2 - #10 and 1 - #10 Ground
1050	1 - 3/4" Conduit	2 - #8 and 1 - #8 Ground
1065	1 - 3/4" Conduit	2 - #6 and 1 - #8 Ground
1085	1 - 1" Conduit	2 - #4 and 1 - #8 Ground
1100	1 - 1" Conduit	2 - #3 and 1 - #6 Ground
1115	1 - 1-1/4" Conduit	2 - #2 and 1 - #6 Ground
2020	1 - 1/2" Conduit	3 - #12 and 1 - #12 Ground
2030	1 - 3/4" Conduit	3 - #10 and 1 - #10 Ground
2050	1 - 3/4" Conduit	3 - #8 and 1 - #8 Ground
2065	1 - 3/4" Conduit	3 - #6 and 1 - #8 Ground
2085	1 - 1" Conduit	3 - #4 and 1 - #8 Ground
2100	1 - 1-1/4" Conduit	3 - #3 and 1 - #6 Ground
2115	1 - 1-1/4" Conduit	3 - #2 and 1 - #6 Ground
3020	1 - 3/4" Conduit	4 - #12 and 1 - #12 Ground
3030	1 - 3/4" Conduit	4 - #10 and 1 - #10 Ground
3050	1 - 3/4" Conduit	4 - #8 and 1 - #8 Ground
3065	1 - 1" Conduit	4 - #6 and 1 - #8 Ground
3085	1 - 1-1/4" Conduit	4 - #4 and 1 - #8 Ground
3100	1 - 1-1/4" Conduit	4 - #3 and 1 - #6 Ground
3115	1 - 1-1/4" Conduit	4 - #2 and 1 - #6 Ground
SY0020	1 - 3/4" Conduit	4 - #12 and 1 - #8 Ground
SY0030	1 - 3/4" Conduit	4 - #10 and 1 - #8 Ground
SY0050	1 - 3/4" Conduit	4 - #8 and 1 - #8 Ground
SY0065	1 - 1" Conduit	4 - #6 and 1 - #8 Ground
SY0085	1 - 1-1/4" Conduit	4 - #4 and 1 - #8 Ground
SY0100	1 - 1-1/4" Conduit	4 - #3 and 1 - #6 Ground
SY0115	1 - 1-1/4" Conduit	4 - #2 and 1 - #6 Ground
SY0130	1 - 1-1/2" Conduit	4 - #1 and 1 - #6 Ground
SY0150	1 - 2" Conduit	4 - #1/0 and 1 - #6 Ground
SY0175	1 - 2" Conduit	4 - #2/0 and 1 - #4 Ground
SY0200	1 - 2" Conduit	4 - #3/0 and 1 - #4 Ground
SY0570	2 - 2-1/2" Conduits	EACH with 4 - #300 kcmil and 1 - #1 Ground
SY0620	2 - 3" Conduits	EACH with 4 - #350 kcmil and 1 - #1/0 Ground
SY0670	2 - 3" Conduits	EACH with 4 - #400 kcmil and 1 - #1/0 Ground
050000		0 1140 14 1100 1
SD0020	1 - 3/4" Conduit	3 - #12 and 1 - #8 Ground
SD0030	1 - 3/4" Conduit	3 - #10 and 1 - #8 Ground
SD0050	1 - 3/4" Conduit	3 - #8 and 1 - #8 Ground
SD0065	1 - 3/4" Conduit	3 - #6 and 1 - #8 Ground
SD0085	1 - 1" Conduit	3 - #4 and 1 - #8 Ground
SD0100	1 - 1-1/4" Conduit	3 - #3 and 1 - #6 Ground
SD0115	1 - 1-1/4" Conduit	3 - #2 and 1 - #6 Ground
SD0130	1 - 1-1/2" Conduit	3 - #1 and 1 - #6 Ground
SD0150	1 - 1-1/2" Conduit	3 - #1/0 and 1 - #6 Ground

Notes:

SD0175

SD0200

SD0230

1. Wet location (underground or outdoors) use THWN. Otherwise THHN.

1 - 2" Conduit

1 - 2" Conduit

1 - 2" Conduit

2. Conduit Types; underground - schedule 40 PVC; indoors - EMT; outdoor exposed - IMC. Utility - riser poles (follow Utility guidelines or minimum schedule 80).

3. Provide transitions to conduit changes prior to different environment (ex. Transition from

EMT to IMC prior to penetrating walls to the exterior).

4. Motor Connections shall be flexible non-metallic conduit for water equipment

5. All conduit penetrations in rated walls shall be firestopped.

6. See drawings for any special requirements.

1

							PANE	EL	N	IDP				
LOCAT	ION:	OUTDOOR			VOL	TAGE:	208/120	V			KAIC:	42	BUSSING SHA	
		SURFACE				PHASE:	3		/ .					2=LTG, 3=A/C, 4=
	SURE:	NEMA 3R	STYLE:	I-LINE		SING:	600	A				5=CONTINUOUS MOTORS, 6=LI		
BRKR N		BOLT-ON		(REF: SQUAR	MCB:	600	А	ACCESSORIE			: GROUND BUS, 54 SPACE			
BREAK	ERS:	SERIES RATED			,	MLO:		А				SERVICE RATE		
CODE	BRKR		CIRCUIT USE			СКТ	LOAD	A	в	C LOAD	СКТ		CIRCUIT USE	
3						1	2,548	X		4,130	2			
3	35/3	HP-1				3	2,548		Х	4,130	4	FCU-1		
3						5	2,548		2	K 4,130	6			
3						7	1,897	X		3,890	8			
3	25/3	HP-2				9	1,897		Х	3,890	10	FCU-2		
3						11	1,897		2	X 3,890	12			
3						13	2,212	X		4,130	14			
3	30/3	HP-3				15	2,212		Х	4,130	16	FCU-3		
3						17	2,212		2	K 4,130	18			
3						19	1,897	X		3,890	20			
3	25/3	HP-4				21	1,897		Х	3,890	22	FCU-4		
3						23	1,897		2	X 3,890	24			
3						25	4,683	X		4,407	26			
3	60/3	DOAS CU				27	4,683		Х	4,407	28	DOAS AHU		
3						29	4,683		2	K 4,407	30			
		SPACE				31		X			32			
1	50/2	RECEPT - KITC	HEN STOVE			33	9,000		Х		34			
1	GFI					35	9,000		2	×	36			
1	30/2	RECEPT - DRY	ER			37	1,000	Х			38			
1						39	1,000		Х		40			
1	20/1	SERVICE RECE	EPT			41	180			×		SPACE		
		SPACE				43		Х			44	SPACE		
		SPACE				45			Х		46			
		SPACE				47				<	48	SPACE		
						49		Х			50	_		
	150/3	PANEL L1				51			Х		52	SPD		
					1	53				X	54	SIZE CB PER MF		
		EQPT VA	RCPT VA	LTG VA	AC/HEAT VA		MOTORS			CONN VA		FTL VA	PANEL VA	
PHAS		4090	8340	250	33684		0			46364			43337	
PHAS		3890	15496	1083	33684		176			54329			48903	
PHAS		2592	14760	1000	33684		528			52564			47478	
TOTA		10572	38596	2333	101052		704			153257			139718	
_		DESIGN KVA:	139.72									NEL SUBTOTAL:	388	A
RE	SERVE C	CAPACITY KVA:	27.94									ERVE CAPACITY:	58	A
		TOTAL KVA:	167.66							PANE	EL DE	SIGN CURRENT:	446	A

3 - #2/0 and 1 - #4 Ground

3 - #3/0 and 1 - #4 Ground

3 - #4/0 and 1 - #2 Ground

2

		LIGHTING FIXT	FURE SCHEDU	ILE				
MANUFACTURER/MODEL	DIMENSION	MOUNTING	FIXTURE VA	VOLTAGE	LUMENS	TEMP	DESCRIPTION	NOTES
LITHONIA #BLC-2X4-4000-80CRI-35K-ADSM-MIN10-ZT-MVOLT	2' x 4'	RECESSED	32	120	4034	3500	TROFFER	PROVIDE BATTERY PACK AS INDICATED. #EL14L
LITHONIA #BLC-2X4-4000-80CRI-35K-ADSM-MIN10-ZT-MVOLT-DGA24	2' x 4'	RECESSED	32	120	4034	3500	TROFFER - FLANGE KIT	PROVIDE BATTERY PACK AS INDICATED. #EL14L
LITHONIA #BLC-2X4-5000-80CRI-35K-ADSM-MIN10-ZT-MVOLT	2' x 4'	RECESSED	43	120	4920	3500	TROFFER	PROVIDE BATTERY PACK AS INDICATED. #EL14L
FINELITE #S-19-P-ID-16'-2E-H-835-OPEN-120-SC-FC10%-FA50-C1-FE-SW	16' x 9"	SUSPENDED	68.8	120	9600	3500	LINEAR PENDANT	PROVIDE BATTERY PACK AS INDICATED. #FAC-CHO.
LITHONIA #CLX-L48-300LM-SEF-FDL-120-VZ10-35K-80CRI-WH-THCLXWH	4' x 4"	SURFACE	20.3	120	2737	3500	UTILITY STRIP LIGHT	PROVIDE BATTERY PACK AS INDICATED. #PS1050
LITHONIA #LDN6-35/15-LO6-AR-LSS-MVOLT-GZ10	6" DIA	RECESSED	17.5	120	1514	3500	RECESSED DOWNLIGHT	PROVIDE BATTERY PACK AS INDICATED. #EL
FINELITE #HP4-R-D-16'-H-835-F-96LG-120-SC-FC10%-MOUNT-FE-SW	16' X 4"	RECESSED	72	120	7748	3500	RECESSED LINEAR	PROVIDE BATTERY PACK AS INDICATED. #FAC-CHO.
LITHONIA #LQM-S-W-3-R-MVOLT-EL N-SD	12" x 19"	UNIVERSAL	1	120	1	-	RED LETTER EXIT SIGN	
LITHONIA #WPX1 LED P1-30K-MVOLT	12" x 8"	SURFACE	11	120	1537	3000	SURFACE MOUNT	PROVIDE BATTERY PACK AS INDICATED. #E4WH
						•		

NOTES: 1. ALL FIXTURES SHALL BE SPEC GRADE UNLESS OTHERWISE NOTED. 2. ALL TOGGLE SWITCHES TO BE MOUNTED AT HEIGHTS TO COMPLY WITH ADA GUIDELINES UNLESS OTHERWISE NOTED.

3. LIGHTING FIXTURES SHALL BE COORDINATED WITH THE CEILING TYPE PRIOR TO ORDERING. ALL FIXTURES SHALL BE SUPPLIED WITH APPROVED MOUNTING DEVICES, HANGERS, MOUNTING FRAMES, AND TRIM FOR PROPER INSTALLATION IN THE CEILING OR SOFFIT SYSTEM BEING PROVIDED ON THIS PROJECT REGARDLESS OF THE CATALOG NUMBER. REFER TO ARCHITECTURAL REFLECTIVE CEILING PLAN/ELEVATIONS FOR ADDITIONAL MOUNTING INFORMATION.

4. ALL FIXTURES THAT HAVE A "E" SUFFIX ARE BATTERY BACK-UP. (EXAMPLE 'C1E'). ALL EMERGENCY BATTERY PACKS TO BE 1100 LUMEN FULL OUTPUT. 5. PROVIDE REMOTE BATTERY PACKS FOR FIXTURES IN HARD OR NON-ACCESSIBLE CEILINGS. MOUNT PACKS OVER ACCESSIBLE SPACES. REMOTE MOUNT DRIVERS/BATTERY PACKS ABOVE ACCESSIBLE

3

CEILINGS FOR FIXTURES IN THE TOP OF STAIRWELLS. 6. ALL REMOTE BATTERY PACKS AND DRIVERS TO BE MOUNTED ON PLYWOOD BACKBOARD SECURED TO METAL WALL CHANNEL RACK. DO NOT MOUNT DIRECTLY TO WALL. GROUP TOGETHER. 7. MOUNT TYPE "B" 18" BELOW CEILING.

8. SURFACE MOUNT TYPE "C". 9. MOUNT TYPE "SA" AT 10' AFF.

2

MARK

A AF A2

SA

SING SHALL BE FULLY RATE	 ר		LOCAT		ELEC ROOM				TAGE:	120/208	V		KAIC:	20		L BE FULLY RATE	ה: ח:	
LTG, 3=A/C, 4=HEAT			MOUNT		SURFACE				HASE:		• P/4	w c		0=EQPT, 1=RCP			.0	
ORS, 6=LRGST MOTOR			ENCLO		NEMA 1	STYLE.	NQOD		SING:		A			5=CONTINUOUS				
ACE			BRKR		BOLT-ON		(REF: SQUAF		MCB:		A	ACCESS		GROUND BUS, S				
			BREAK		SERIES RATED		•	,	MLO:		A							
CUIT USE	BRKR	CODE	CODE	BRKR		CIRCUIT USE			СКТ	LOAD	A B C	LOAD	СКТ		CIRCUIT USE		BRKR	CODE
		4	1	20/1	RECEPT - COF	RIDOR			1	900	X	720	2	RECEPT - OFFIC	CE 101		20/1	1
	35/3	4	1	20/1	RECEPT - COF	RIDOR/TR/STO	DR		3	900	X	720	4	RECEPT - OFFIC	CE 102		20/1	1
		4	1	20/1GFI	ELECTRIC WA	TER FOUNTAIN	١		5	500	X	720	6	RECEPT - OFFIC	CE 103		20/1	1
		4	1	20/1	RECEPT - DAY	ROOM			7	900	X			8 RECEPT - CONF 104 0 RECEPT - COPY/COFFEE				1
	35/3	4	1	20/1	RECEPT - DINI	NG			9	540	X							1
		4	1	20/1	RECEPT - OPE	N AREA			11	900	X	1,200	12	RECEPT - COPY	/ MACHINE		20/1	1
		4	1	20/1	RECEPT - ELE	C ROOM			13	540	X	360	14	RECEPT - KITCH	HEN COUNTER		20/1	1
	35/3	4	1	20/1	RECEPT - ELE	C ROOM			15	720	X	360	16	RECEPT - KITCH	HEN COUNTER		20/1	1
		4	1	20/1	RECEPT - JAN	ITOR/LAUNDR`	Y/CHANGING		17	900	X	1,000	18	RECEPT - KITCH	HEN FRIDGE		20/1	1
4			1	20/1GFI	RECEPT - WAS	SHER			19	1,200	X	1,000	20	RECEPT - KITCH	HEN FRIDGE		20/1	1
	35/3	4		20/1	SPARE				21		X	360	22	RECEPT - KITCH	HEN/PANTRY		20/1	1
		4		20/1	SPARE				23		X	360	24	RECEPT - KITCH	HEN COUNTER V	VINDOW	20/1	1
		4		20/1	SPARE				25		X	1,000	26	RECEPT - KITCH	HEN DISHWASH	ER	20/1GFI	1
	50/3	4		20/1	SPARE				27		X	1,176	28	RECEPT - KITCH	HEN DISPOSAL		20/1GFI	1
		4		20/1	SPARE				29		X	,	30	SPARE			20/1	
				20/1	SPARE				31		X	200	32	FACP - PROVIDI	E RED LOCKABL	E HANDLE	20/1	0
				20/1	SPARE				33		X	176	34	EF-1,2,3,4,5,6			20/1	5
				20/1	SPARE				35		X	528	36	HWCP-1			20/1	5
			2	20/1	EXTERIOR LIG	HTING / TIMEC	LOCK		37	250	X	3,890	38					0
			2	20/1	LIGHTING - OF	FICE/KITCHEN	/ELEC/JAN		39	1,083	X	3,890	40	EWH-1			50/3	0
			2	20/1	LIGHTING - OP	EN AREA			41	1,000	X	2,592	42					0
				20/1	SPARE				43		X	375	44	EXTERIOR FAN			20/2	5
				20/1	SPARE				45		X	375	46					5
				20/1	SPARE				47		X		48	SPARE			20/1	
				20/1	SPARE				49		X			SPARE			20/1	
	30/3			20/1	SPARE				51		X		52	SPARE			20/1	
				20/1	SPARE				53		X		54	SPARE			20/1	
ANEL VA PHASE AMP					EQPT VA	RCPT VA	LTG VA	AC/HEAT VA		MOTORS		CONN VA	\	FTL VA	PANEL VA	PHASE AMP		
43337 361			PHAS	ΕA	4090	7340	250	0		0		11680			10065	84		
48903 408			PHAS	ЕB	3890	5496	1083	0		176		10645			9704	81		
47478 396			PHAS	EC	2592	5580	1000	0		528		9700			8807	73		
39718			TOTAI	L	10572	18416	2333	0		704		32025			28576			
388 AMPS				PANE	L DESIGN KVA:	28.58							PA	NEL SUBTOTAL:	79	AMPS		
58 AMPS			RE	ESERVE (CAPACITY KVA:	5.72							RESE	RVE CAPACITY:	12	AMPS		
446 AMPS					TOTAL KVA:	34.29						PAI	NEL DES	SIGN CURRENT:	91	AMPS		

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