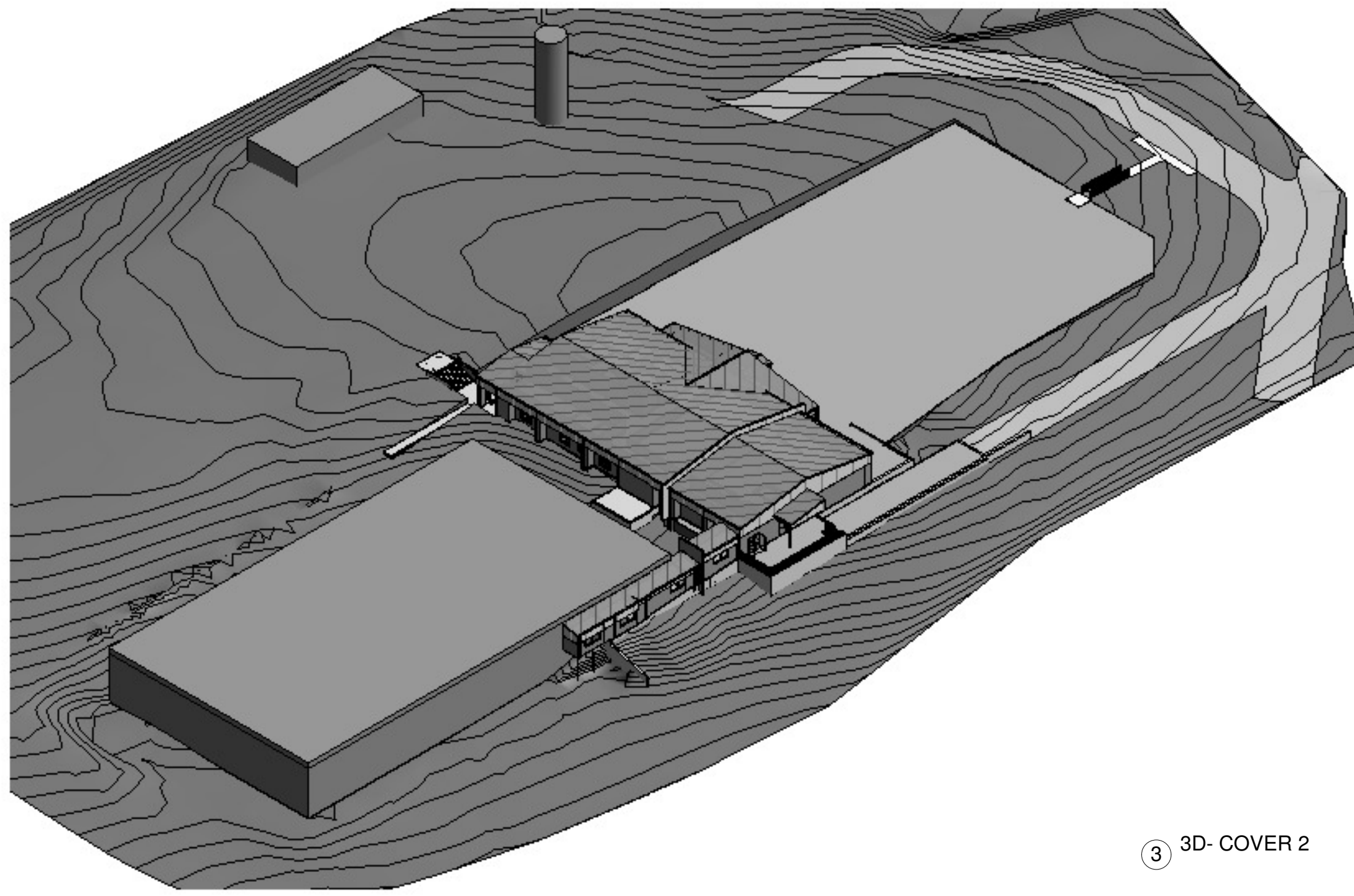
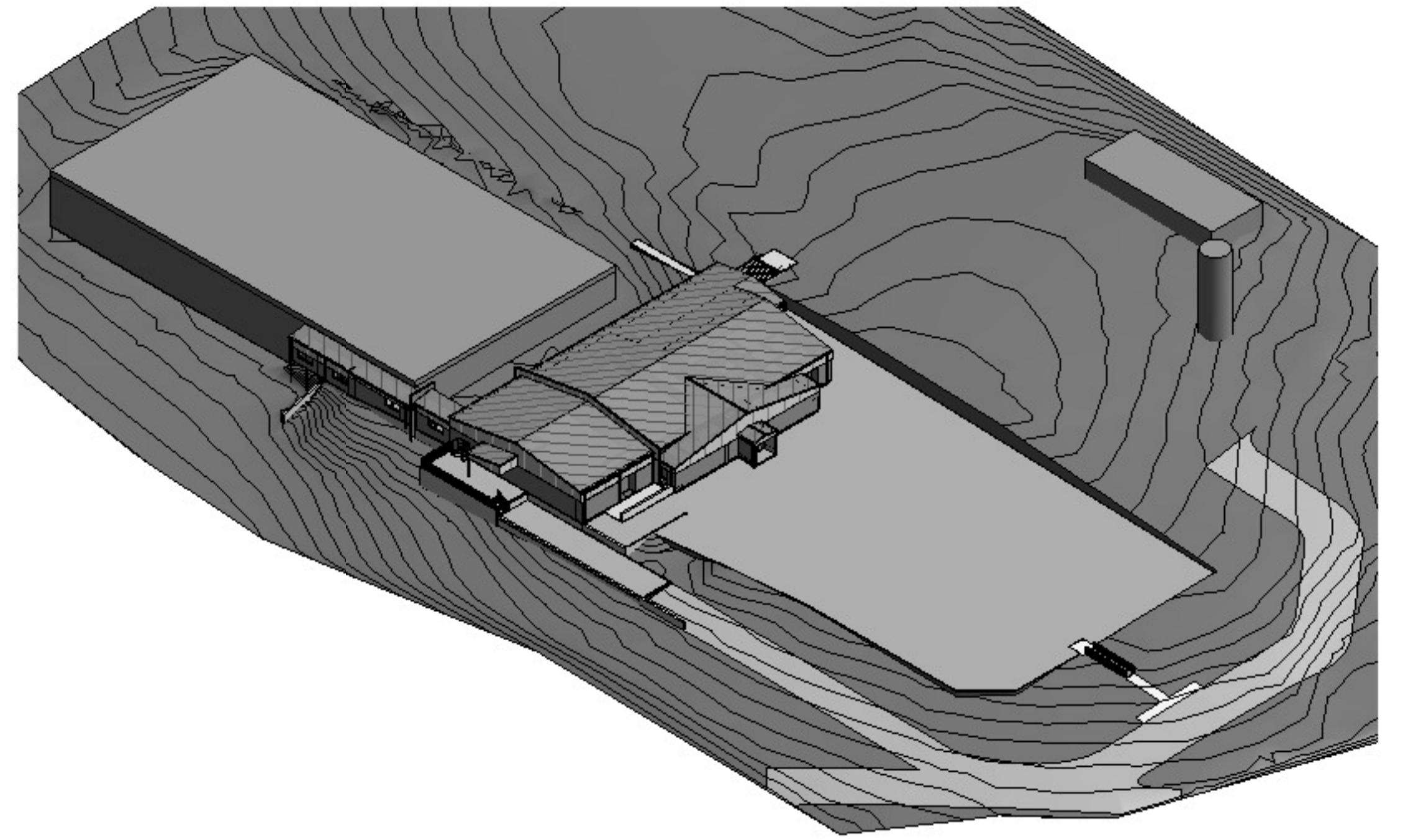


① 3D- COVER 1



③ 3D- COVER 2



④ 3D- COVER 3



CAMPUS MAP

NEW
BUILDING
SITE



LYNN, AR AREA MAP

APPROXIMATE PROJECT
AREA



STATE MAP

A NEW CAFETERIA AND OFFICE ADDITION HILLCREST SCHOOL DISTRICT-

LYNN SCHOOL CAMPUS, LYNN ARKANSAS

ISSUED 12-27-2020

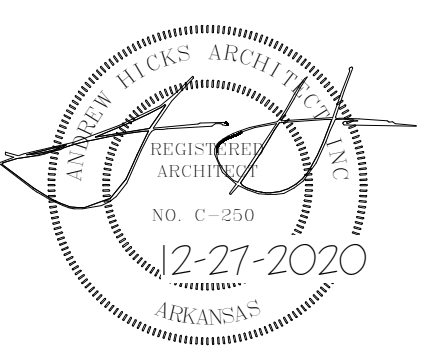
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I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

ANDREW F. HICKS, ARCHITECT INC
ARKANSAS REGISTRATION NO. C-250



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A002	ADA GUIDELINES & DETAILS
AC01	ARCH SITE PLAN
C1.0	EXISTING SURVEY AND CONDITIONS
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M101	MECH NOTES LEGENDS ABBREV AND DETAILS
M201	MECHANICAL PLAN
M301	MECHANICAL SCHEDULES

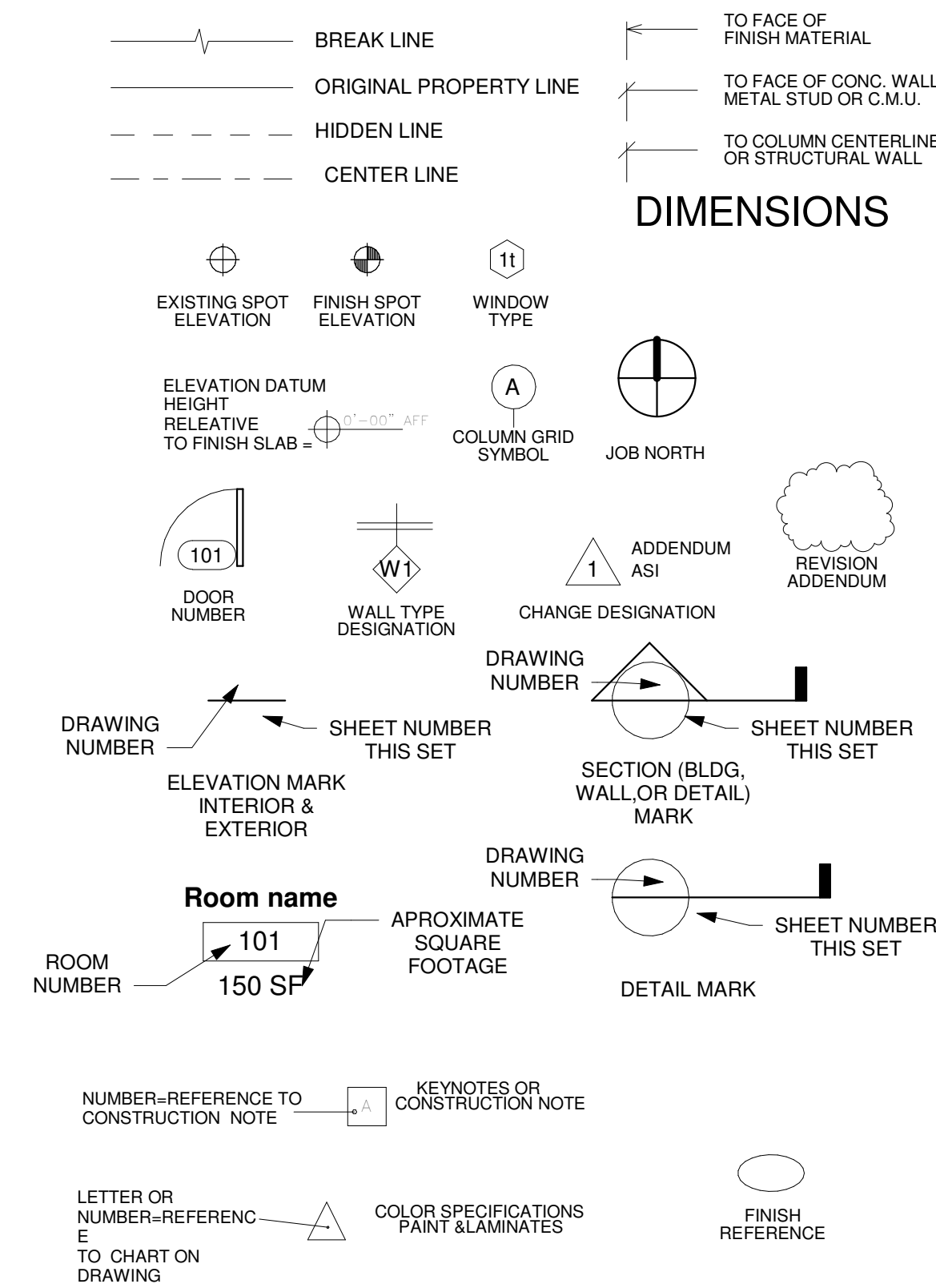
SHEET INDEX	
SHEET	SHEET NAME
M401	KITCHEN HOOD DETAILS
M402	KITCHEN HOOD DETAILS
M403	KITCHEN HOOD DETAILS
M404	KITCHEN HOOD DETAILS
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P101	PLUMBING NOTES LEGENDS ABBREV AND DETAILS
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P601	PLUMBING SCHEDULES AND DETAILS
E1.1	ELECTRICAL NOTES AND LEGENDS
E2.1	LIGHTING PLAN
E3.1	POWER PLAN
E4.1	LOW VOLTAGE PLAN
E5.1	ENLARGED KITCHEN PLAN-POWER
E6.1	ELECTRICAL DETAILS
E7.1	ELECTRICAL RISER DIAGRAMS
E7.2	ELECTRICAL PANELBOARD SCHEDULES

ABBREVIATIONS

A/C	AIR CONDITIONING	JST	JOIST
ADDL	ADDITIONAL	JT	JOINT
ADJ	ADJACENT	K.E.S.	KITCHEN EQUIPMENT SUPPLIER
AFB	ABOVE FINISH FLOOR	KW	KILOWATT
ASF	ABOVE SUBFLOOR	LAV	LAVATORY
ATS	ABOVE TOP OF SLAB	LN	LINEAR
ALT	ALTERNATE	LPC	LOW POINT
ALUM	ALUMINUM	LAM	LAMINATED
AMP	AMPERES	LMBR	LUMBER
APPROX	APPROXIMATE	MAX	MAXIMUM
A.W.S.	AMERICAN WELDING SOCIETY	THOUSAND	
ARCH	ARCHITECT	MACH	MACHINE
BD	BOARD	MC	MECHANICAL CONTRACTOR
BLDG	BUILDING	MECH	MECHANICAL
BLK	BLACK	MFR	MANUFACTURER
BM	BEAM	MN	MINIMUM
BOTT	BOTTOM	MSC	MISCELLANEOUS
BRG	BEARING	MCO	MASONRY OPENING
BTM	BOTTOM	MTD	MOUNTED
BTU/H	BTU PER HOUR	METAL	
CEM	CEMENT	N	NORTH
C/C	CENTER TO CENTER	NORM	NORMALLY
CER	CERAMIC	NIC	NOT IN CONTRACT
CT	CERAMIC TILE	NO	NOMINAL
CF	COLD FILTERED WATER CONSTRUCTION	NSPS	NEAR SIDE AND FAR SIDE
CJ	JOINT	NTS	NOT TO SCALE
CLG	CEILING	OC	ON CENTER
CLR	CLEAR	OD	OUTSIDE DIAMETER
C.A.	CLEAR ANODIZED	OPN	OPEN
CLSD	CLOSED	OPN	OPENING
CCTV	CLOSE CIRCUIT	OPP	OPPOSITE
CAMTV	TELEVISION CAMERA	ORD	OVERFLOW ROOF DRAIN
CNT	CENTER	OW	OWNER
CMU	CONCRETE MASONRY UNIT	PC	PIECE
CORR	CORNER GUARD	PCC	PATTERNED COLORED CONCRETE
CO	CLEANOUT	PLB CNT	PLUMBING CONTRACTOR
COL	COLUMN	PH	PHASE
CONC	CONCRETE	P.LAM	PLASTIC LAMINATE
CONSTR	CONSTRUCTION	PMB	PLUMBING
CONTR	CONTRACTOR	PLYWD	PLYWOOD
CONT	CONTINUOUS	PNT	PANES
OW	COLD WATER	PNT	PAINT
DET	DETAIL	PREFAB	PREFABRICATED
DIA	DIAMETER	PROJ	PROJECT
DN	DOWN	PR TTY	PRESSURE TREATED
DS	DOWNSPOUT	PT	POINT
DW	DRYWALL	PVC	POLYVINYL CHLORIDE
DWG	DRAWING	QTY	QUANTITY
EA	EACH WAY	R	RADIUS
EW	ELECTRIC CONTRACTOR	RD	ROOF DRAIN
EC	ELECTRIC	RDR	ROOF DRAIN LEADER
EL	ELEVATION	RECIP	RECEPTACLE
ELEC	ELECTRIC OR ELECTRICAL	REINP	REINFORCING
ELEV	ELEVATION	REQD	REQUIRED
EQ	EQUAL	RES	RESILIENT
EWC	ELECTRIC WATER COOLER	REV	REVISION
EXST	EXISTING	RM	ROOM
EPS	EXPANDED POLYSTYRENE	RO	ROUGH OPENING
EXP	EXPANSION	SAC	SUSPENDED ACOUSTICAL CEILING
EXP-JT	EXPANSION JOINT	SAC-1	SUSPENDED ACOUSTICAL CEILING, 1-HOUR FIRE RATED
EXT	EXTERIOR	S.C.	SOLID CORE
EIRS	EXTERIOR INSULATION AND FINISH SYSTEM	SCC	SMOOTH COLORED CONCRETE
FD	FIRE FIGHTER	SCH	SCHEDULE
FIN	FINISH	SECT	SECTION
FW FLR	FIRE FIGHTER FLOOR	S.F.	SQUARE FEET
FEC	FIRE EXTINGUISHER CABINET	SHT	SHEET
FND	FOUNDATION	SIM	SIMILAR
FHC	FIRE HOSE CABINET	SPEC	SPECIFICATIONS
FL	FLOOR	SSM	SOLID SURFACE MATERIAL
FOR	FACE OF BRICK	STD	STANDARD
FPP	FACE OF STUD	ST	STEEL
FPS	FIBER REINFORCED PLASTIC	STG	STAGGER
FT	FEET	STOR	STORAGE
FTG	FOOTING	SUSP	SUSPENDED
GALV	GALVANIZED	SYNTH	SYNTHETIC
GC	GENERAL CONTRACTOR	STRUC	STRUCTURAL
GYP	GYPSUM	TEL	TELEPHONE
GYP BD	GYPSUM BOARD	TH	THICKNESS
HR	HOUR	T&B	TOP AND BOTTOM
HD	HUB DRAIN	T&G	TONGUE AND GROOVE
HW	HARDWARE	THRD	THREAD
HGT	HEIGHT	TOS	TOP OF STEEL
HM	HOLLOW METAL	TP	THREADS PER INCH
HORIZ	HORIZONTAL	TYP	TYPICAL
HP	HORSEPOWER	UN	UNLESS OTHERWISE NOTED
HRTL	HOT ROLLED	UTL	UTILITY
HOT	HOT	VCT	VINYL COMPOSITION TILE
HVAC	HEATING VENTILATING/AIR CONDITIONING	VEN	VENEER
HW	HOT WATER	VERT	VERTICAL
IN	INSIDE DIAMETER	VWC	VINYL WALL COVERING
INCH	INCH	W/C	WATER CLOSET
INFO	INFORMATION	WD	WOOD
INSUL	INSULATION	WGT	WEIGHT
INT	INTERIOR	WH	WATER HEATER
INV	INVERT	W/	WITH
		W/O	WITHOUT
		WP	WATER PROOFING
		WWF	WELDED WIRE FABRIC
		XTG	EXISTING

1 ABBREVIATIONS
12" = 1'-0"

GRAPHIC SYMBOL LEGEND



CODE DATA

NEW ELEMENTARY CAFETERIA AND ADMINISTRATION BUILDING
LOCATED IN LYNN, AR CAMPUS OF HILLCREST SCHOOL DISTRICT
DISTRICT OFFICE, 146 S MAIN ST, STRAWBERRY, AR 72469

DESIGN DATA
BUILDING CODES
INTERNATIONAL BUILDING CODE (IBC) 2012
ARKANSAS FIRE PREVENTION CODE (AFPC) 2012 EDITION

GENERAL CODES
SEISMIC USE GROUP 2 2012 IBC
SEISMIC DESIGN CATEGORY "C" AFPC REVISIONS

LAWRENCE COUNTY - BUILDING LOCATION
LAWRENCE COUNTY - SCHOOL DISTRICT MAIN OFFICE

HANDICAPPED GUIDELINES AND CODES
AMERICAN DISABILITIES ACT (ADA) 2010 EDITION
ARKANSAS ARCHITECTURAL BARRIERS ACT ACT 122-1967
ARKANSAS STATE BUILDING AUTHORITY SECTION 3-600
1979 HANDICAPPED ACCESSIBILITY STANDARDS

BUILDING CRITERIA / OCCUPANCY CLASSIFICATION

GROUP "E" EDUCATIONAL	13,168 SQUARE FEET TOTAL
EDUCATIONAL	888 SQUARE FEET
DINING ROOM	2,344 SQUARE FEET
KITCHEN	2,921 SQUARE FEET
MECHANICAL TOTAL SF	550 SQUARE FEET
CORRIDOR TOTAL SF	2,218 SQUARE FEET
CORRIDOR/ LINK TOTAL SF	520 SQUARE FEET
TOILETS/ STORAGE/ JANITOR	600 SQUARE FEET
MISC, WALLS ETC	BALANCE

ALLOWABLE OCCUPANCY

1. OCCUPANCY LOAD (NORMAL)	
GROUP E EDUCATIONAL	500 PERSONS
EDUCATIONAL 1/20 SF NET	144 PERSONS
DINING - FIXED SEATS	10 PERSONS
KITCHEN/ 1/300 GROSS	7 PERSONS
TOILETS STORAGE & JANITOR 1/300	651 PERSONS
TOTAL NORMAL OCCUPANCY	

CONSTRUCTION TYPE CLASSIFICATION

TYPE 2-B CONSTRUCTION	IBC TABLE 601
ALLOWABLE BUILDING HEIGHT - 55'	IBC TABLE 503
ALLOWABLE SQUARE FOOTAGE - 14,500 SF	IBC TABLE 503
ACTUAL BUILDING AREA FROM EXTERIOR WALL FACE	13,168 SF

2. BUILDING HEIGHT
ACTUAL - 20'-3"
ALLOWED - 55'-0"

3. NUMBER OF STORIES
ACTUAL (1) ONE
ALLOWED (2) TWO

4. HORIZONTAL SEPARATION - OPEN SPACE DISTANCE TO PROPERTY LINE OR ADJACENT BUILDING
NORTH - VARIES TO UNLIMITED
WEST - VARIES TO UNLIMITED
SOUTH - 32' AND CONNECTED TO ADJACENT BUILDING AT LINK
EAST - VARIES TO UNLIMITED

5. ALLOWABLE AREA
GROUP E - ALLOWED = 14,500 PER FLOOR

AREA MOD FRONTAGE INCREASE PER IBC SECTION 506.1 NOT REQUIRED

6. ACTUAL BUILDING AREA
13,168 SF

MEANS OF EGRESS	*CODE REQUIREMENT	PROVIDED
NUMBER OF EXITS	2 MIN.	3 FROM MAIN
CORRIDOR		
TRAVEL DISTANCE	200 FEET MAXIMUM	110 FEET
DEAD END CORRIDOR	20 FEET MAXIMUM	DOES NOT EXCEED
CORRIDOR WIDTH	144 INCH MAXIMUM	DOES NOT EXCEED
STAIR WIDTH	44 INCH WIDE MINIMUM	NO STAIRS

FIRE PROTECTION PORTABLE FIRE EXTINGUISHERS

BUILDING DESCRIPTION

1. A 1 STORY METAL RIGID FRAME ROOF STRUCTURE WITH NON-COMBUSTIBLE MASONRY & METAL STUD WALLS
2. THE BUILDING IS NOT FIRE PROTECTED
3. THE BUILDING IS NOT FIRE SPRINKLED
4. THE BUILDING SHALL BE SEPARATED INTO AREAS LESS THAN 12,000 SF BY THE USE OF 4 HOUR FIREWALLS
5. THE BUILDING SHALL BE USED AS A EDUCATIONAL/ CAFETERIA AND ADMINISTRATIVE OFFICE BUILDING
5. BUILDING TO BE CONSTRUCTED BY A GENERAL CONTRACTOR

THIS BUILDING IS CONSTRUCTED WITH THE FOLLOWING FIRE RATED ASSEMBLIES:

1. A 1 HOUR FIRE RATED CORRIDOR SHALL PROVIDE 2 EXITS TO THE EXTERIOR AND 1 EXIT TO THE ADJOINING EXISTING BUILDING THRU A FOUR (4) HOUR FIRE WALL SEPARATION.

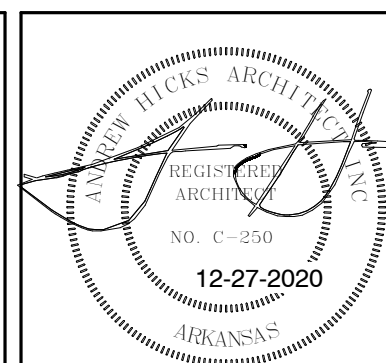
1A: THE NORTH/SOUTH 1 HOUR CORRIDOR ENCLOSURE SHALL BE CONSTRUCTED OF AN 8" CMU WALL .

1B. THE 1 HOUR CORRIDOR ENCLOSURE THAT CONNECTS TO THE EXISTING BUILDING THRU A NEW 4 HOUR FIREWALL SHALL BE CONSTRUCTED OF AN 8" CMU WALL WITH ONE (1) HOUR RATED STEEL STUD AND FIRE RATED GYP BD WALLS THAT EXTEND TO THE ROOF DECK AND CONSTRUCTED ABOVE THE TOP OF THE CMU WALLS.

1C. ANY DUCT PENETRATIONS THRU THE 1 HOUR CORRIDOR ENCLOSURE SHALL HAVE A FIRE DAMPER AT THE LOCATION OF THE PENETRATION.

2. TWO (2) FOUR (4) HOUR FIREWALLS SHALL BE CONSTRUCTED TO PROVIDE A SEPARATION BETWEEN THE NEW ADDITION AND THE EXISTING BUILDING TO SATISFY THE TOTAL AREA REQUIREMENTS OF THE CODE.

2A. THE FOUR (4) HOUR FIREWALL SHALL BE CONSTRUCTED OF REINFORCED 8" CMU WALL, GROUTED SOLID, TO A HEIGHT 3' ABOVE THE ADJOINING ROOFS AND 18" BEYOND THE ADJOINING WALLS. A DOUBLE 3 HOUR FIRE DOOR WITH FULL PANIC HARDWARE SHALL BE INSTALLED IN THE FIRE WALL WITH AUTOMATIC HOLD-OPEN DEVICES ACTIVATED TO RELEASE BY THE FIRE ALARM SYSTEM.



ARCHITECT OF RECORD
ANDREW F. HICKS

A NEW CAFETERIA AND OFFICE ADDITION

Project Number: 1920-09-002
FOR
HILLCREST SCHOOL DISTRICT.

LYNN SCHOOL CAMPUS, LYNN ARKANSAS

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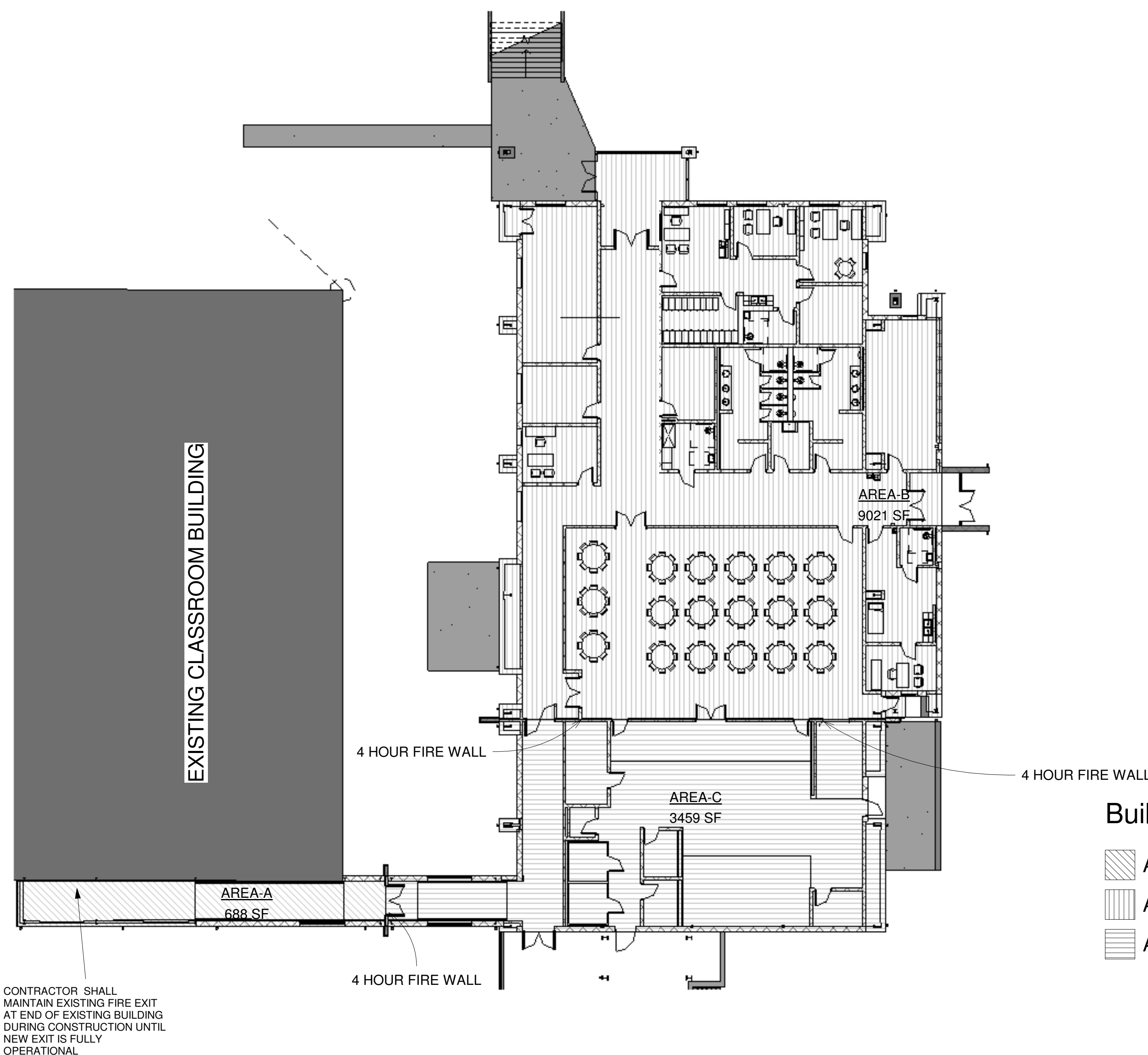
ISSUE DATE: 12-27-2020

REVISIONS

NO.	DATE

CODE DATA AND LIFE SAFETY AREA PLAN

CD-1



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12-27-2020

ARCHITECT OF RECORD
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A NEW CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

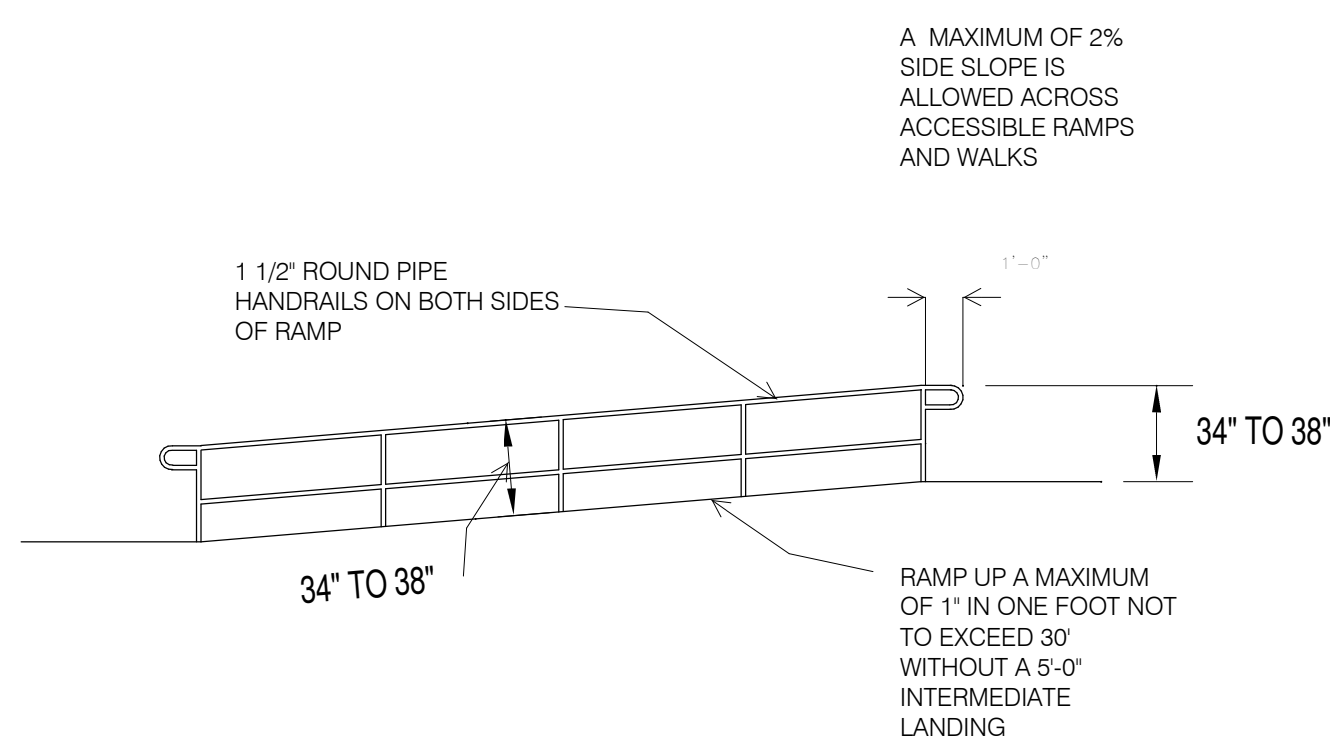
FOR
HILLCREST SCHOOL DISTRICT-
LYNN SCHOOL CAMPUS, LYNN ARKANSAS

ISSUE DATE: 12-27-2020

REVISIONS	
NO.	DATE
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NO.	
NO.	
NO.	
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NO.	

ADA GUIDELINES & DETAILS

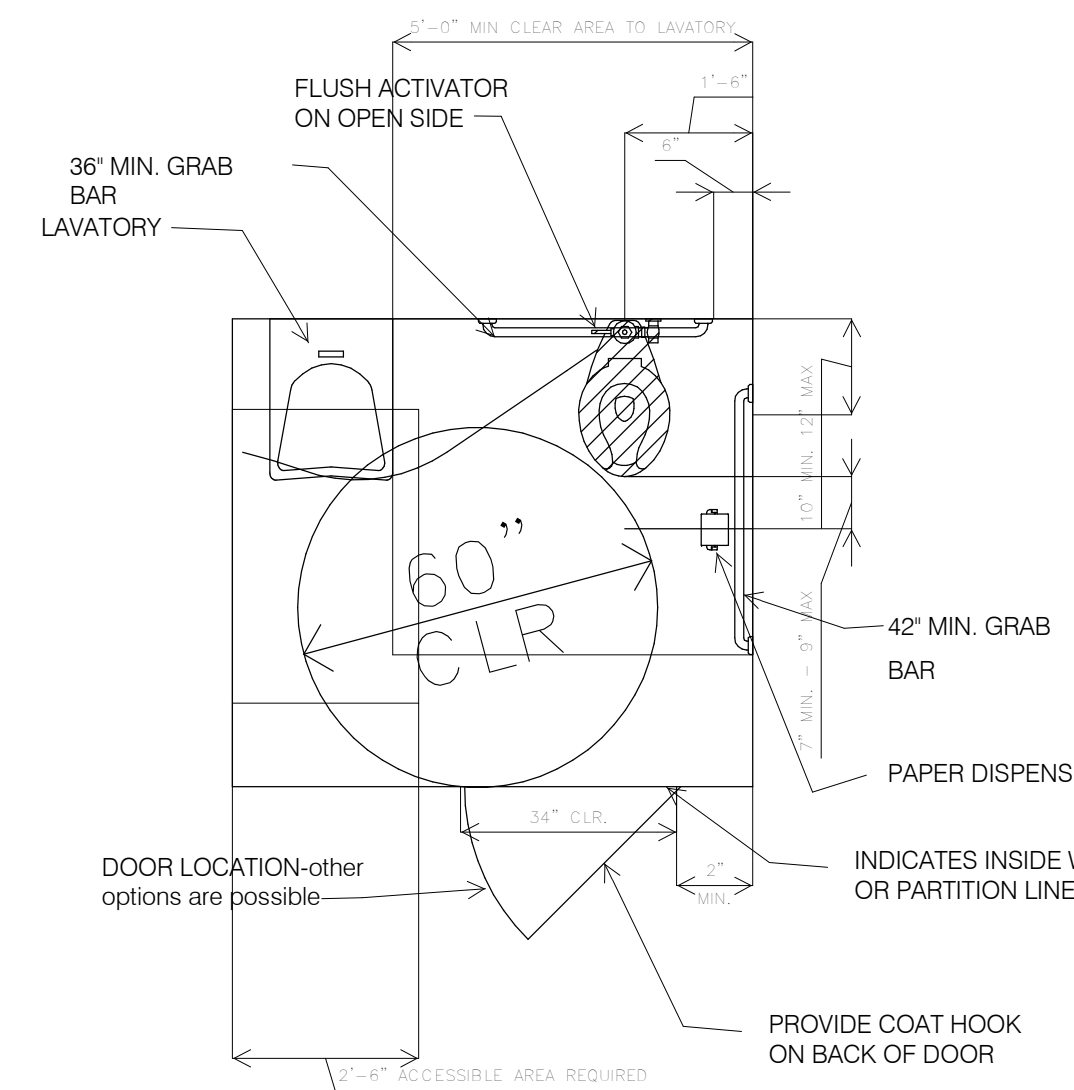
A001



(5) ALL DOOR HARDWARE TO COMPLY WITH THE 2010 AMERICAN DISABILITIES ACT REQUIREMENTS.

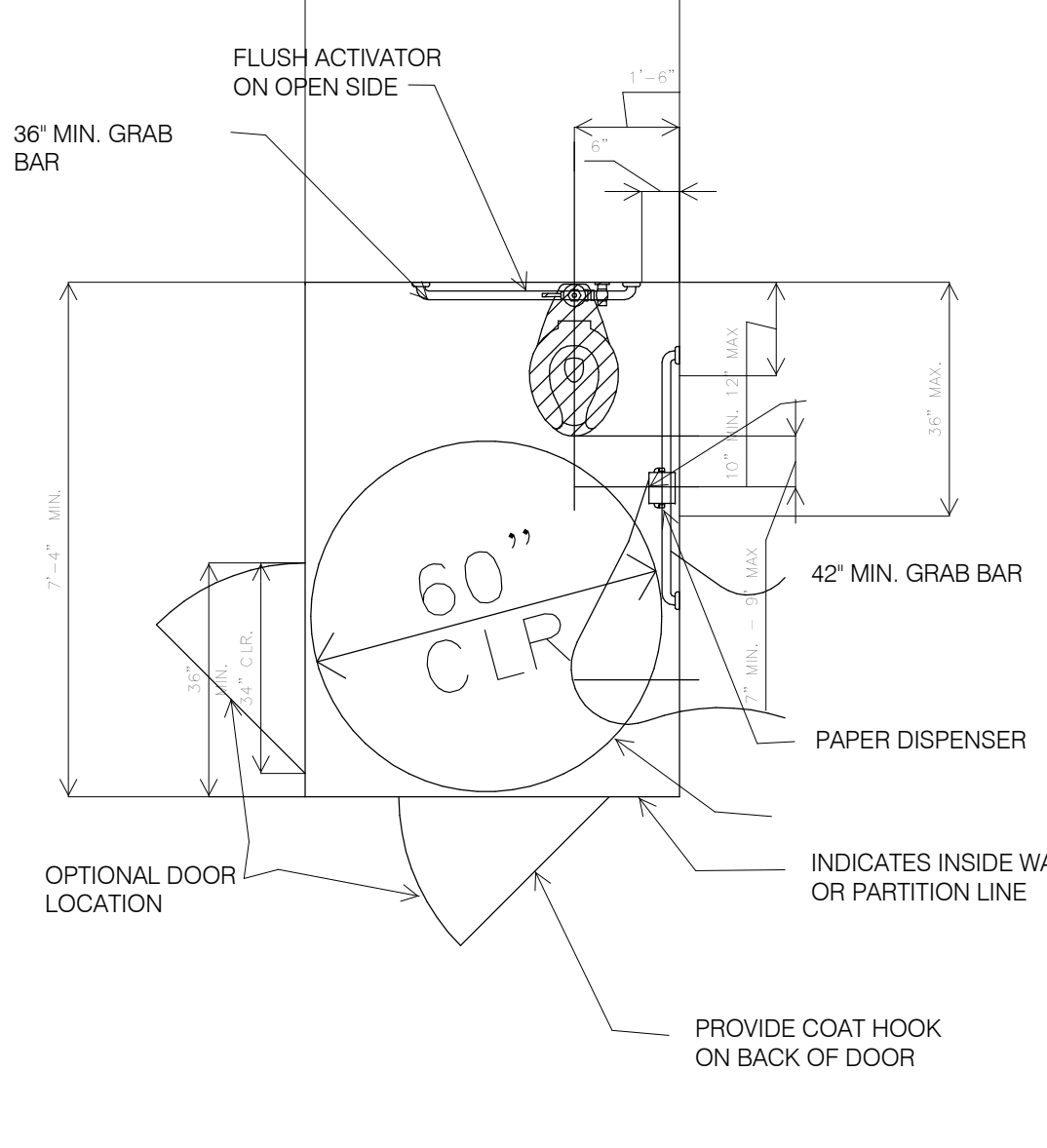
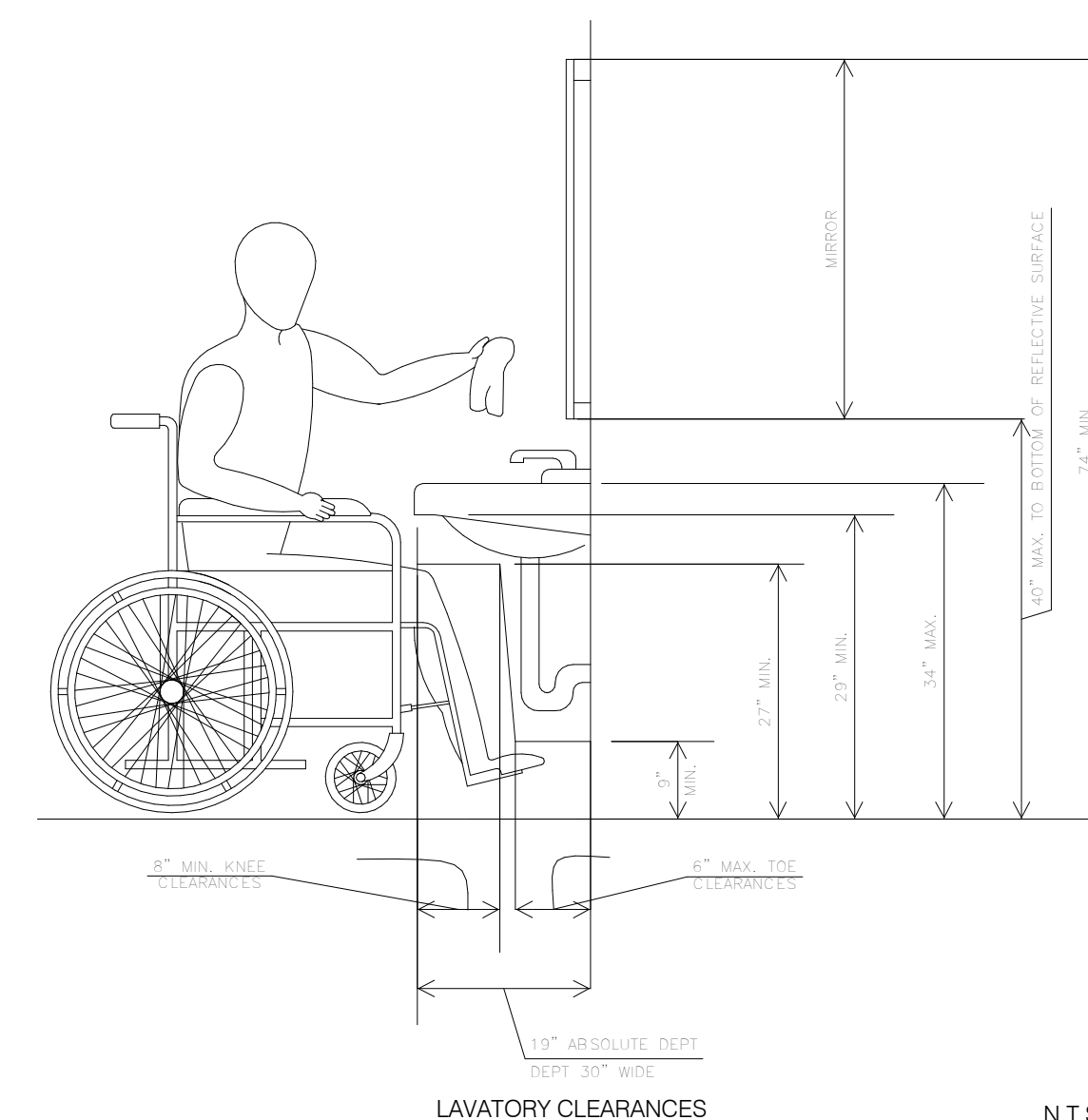
THE FOLLOWING TABLE PROVIDES GUIDANCE ON REACH RANGES FOR CHILDREN ACCORDING TO AGE WHERE BUILDING ELEMENTS SUCH AS COAT HOOKS, LOCKERS, OR OPERABLE PARTS ARE DESIGNED FOR USE PRIMARILY BY CHILDREN. THESE DIMENSIONS APPLY TO EITHER FORWARD OR SIDE REACHES. ACCESSIBLE ELEMENTS AND OPERABLE PARTS DESIGNED FOR ADULT USE OR CHILDREN OVER AGE 12 CAN BE LOCATED OUTSIDE THESE RANGES BUT MUST BE WITHIN THE ADULT REACH RANGES REQUIRED BY 308.

MOUNTING SPECIFICATIONS FOR WATER CLOSETS SERVING CHILDREN AGES 3 THRU 12



2. IF ANY FURTHER QUESTIONS MAY ARISE CONTRACTOR IS TO CONSULT WITH THE FULL 2010 ADA GUIDELINES, AVAILABLE ONLINE, AND THE ARCHITECT BEFORE CONSTRUCTING ANY FEATURE THAT MAY HAVE ACCESSIBILITY ISSUES.

TYPICAL ACCESSIBLE SINGLE USER TOILET



HANDICAPPED COMPARTMENT DOOR	
1. EQUIPPED WITH AN AUTOMATIC CLOSING DEVICE (3 SECOND MINIMUM SWEEP TIME FROM OPEN POSITION OF 70 DEGREES TO A POINT 3'	N
2. COMPARTMENT DOOR PROVIDES A MINIMUM 9" CLEARANCE FOR FOOTRESTS UNDERMEATH DOOR.	N
3. INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR IS EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH IS A FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING TIGHT GRASPING OR TWISTING.	N

THIS DRAWING IS FOR

1 1/2" PIPE HANDRAILS WITH 1" PICKETS AT 4" ON CENTER. MUST HAVE 1 1/2" MINIMUM CLEARANCE BETWEEN WALL SURFACE WHERE WALLS ARE NEXT TO HANDRAILS.

12"

HANDRAILS ARE REQUIRED AT BOTH SIDE OF WALKS OR RAMPS-TYPICAL

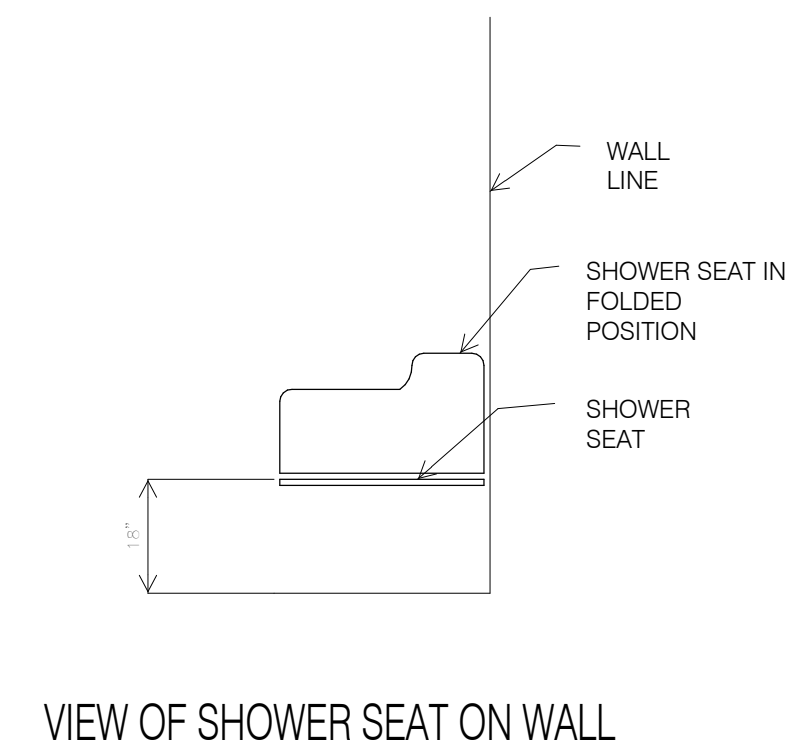
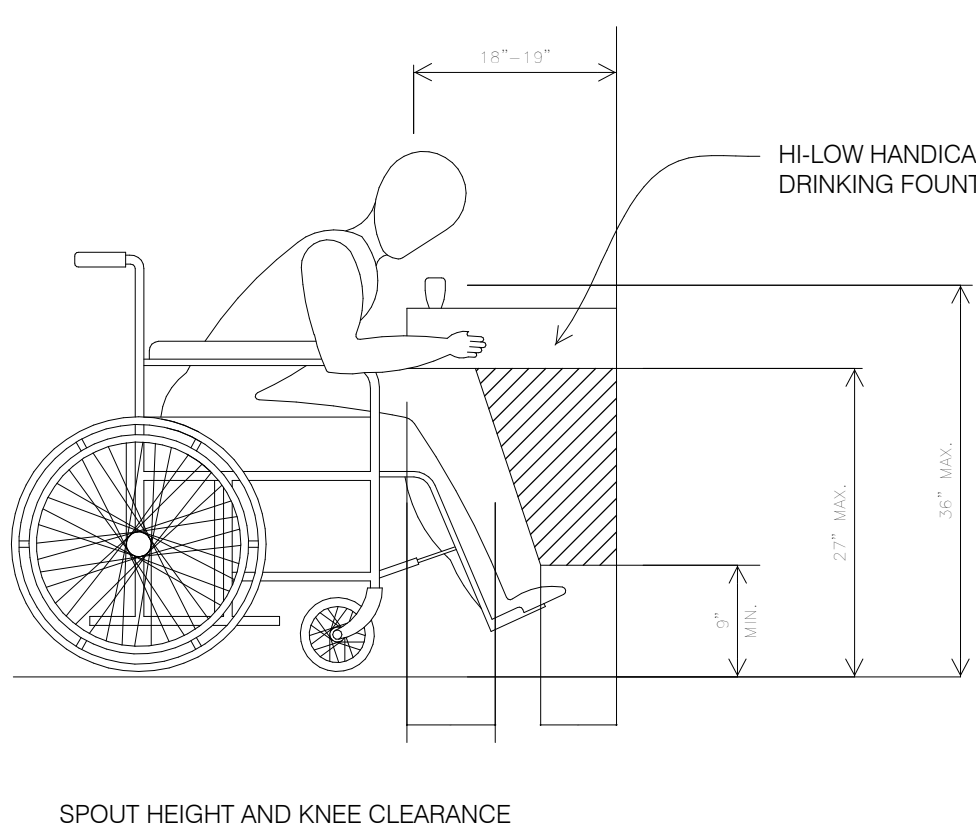


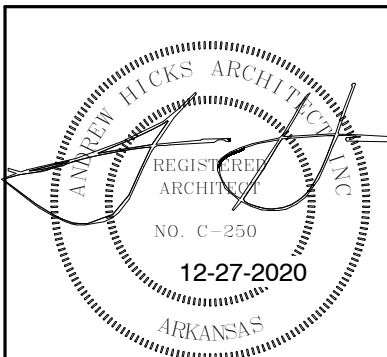
Diagram illustrating the cross-section of a handrail. The handrail has a diameter of 1 1/2" MIN TO 1 1/2" MAX. The distance from the wall to the center of the handrail is 1/2". The diagram is labeled "HAND RAIL SECTION".

NOTES:

- A. LOCATED IN AN ALCOVE NOT LESS THAN 32" WIDE X 18" DEEP.
- B. 18"-19" DEPTH OF THE FOUNTAIN.
- C. CLEAR AND UNOBSTRUCTED KNEE SPACE A MINIMUM OF 27" HIGH BY 8" DEEP UNDER THE FOUNTAIN. (MEASURED FROM FRONT EDGE)
- D. TO CLEARANCE A MINIMUM OF 9" HIGH BY 17" DEEP
- E. LEVER OF PUSH BAR TYPE CONTROL IS LOCATED 6" MAXIMUM FROM FRONT EDGE.
- F. BUBBLER OUTLET IS LOCATED 6" MAXIMUM FROM FRONT EDGE
- G. BUBBLER OUTLET IS LOCATED 36" MAXIMUM HEIGHT FROM FLOOR.
- H. STREAM FROM BUBBLER IS SUBSTANTIALLY PARALLEL TO FRONT EDGE.
- I. SREAM FROM BUBBLER IS A MINIMUM OF 4" HIGH.



ACCESSIBLE STALL



ARCHITECT OF RECORD
ANDREW F. HICKS

CATERIA AND OFFICE ADDITION

Project Number
FOR

HILLCREST SCHOOL DISTRICT

LYNN CAMPUS, LYNN AR

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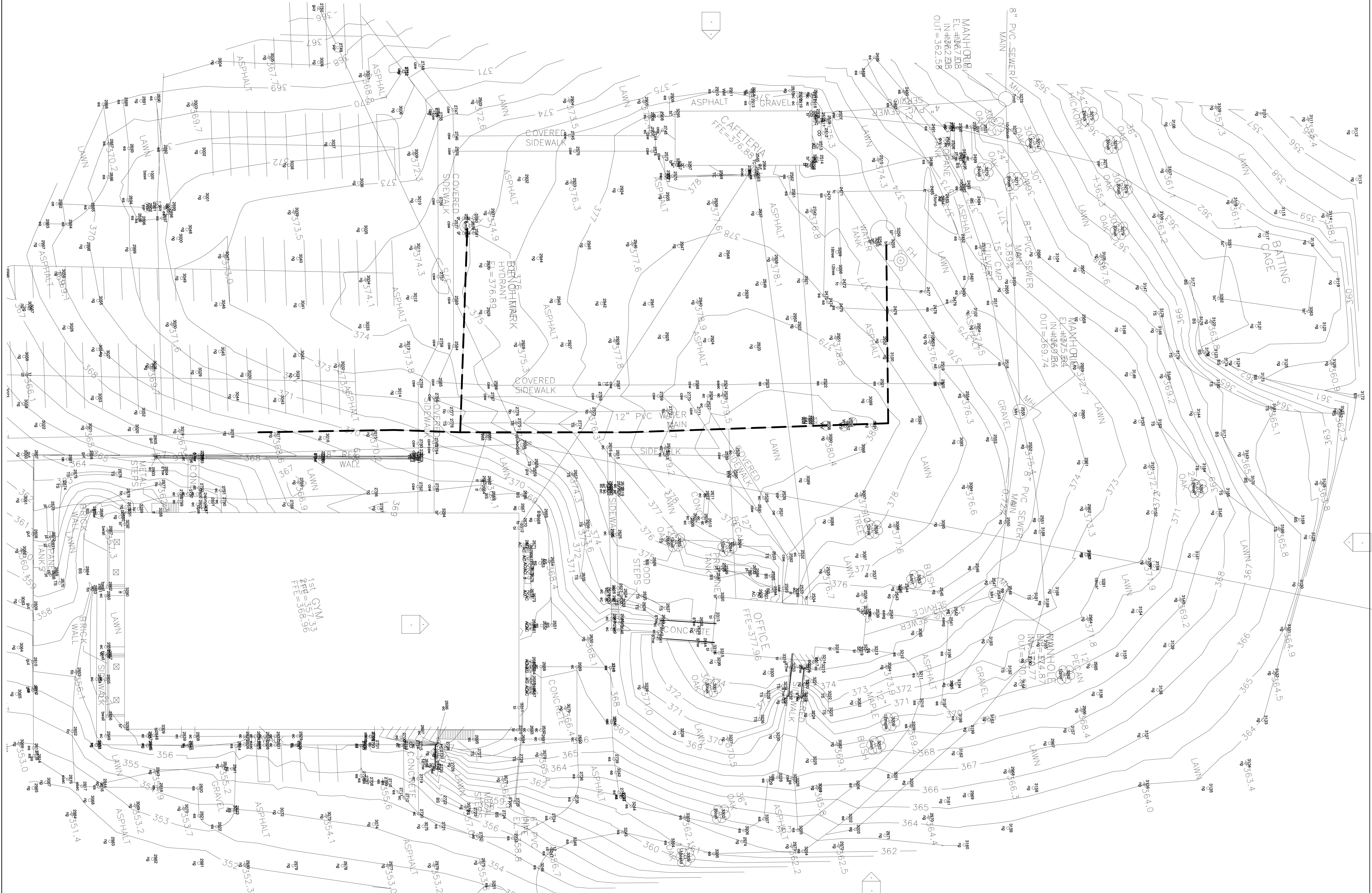
ISSUE DATE: 12-27-2020

REVISIONS

NO.	DATE

EXISTING SURVEY

C1.0



FOUNDATION/SOIL BEARING NOTES

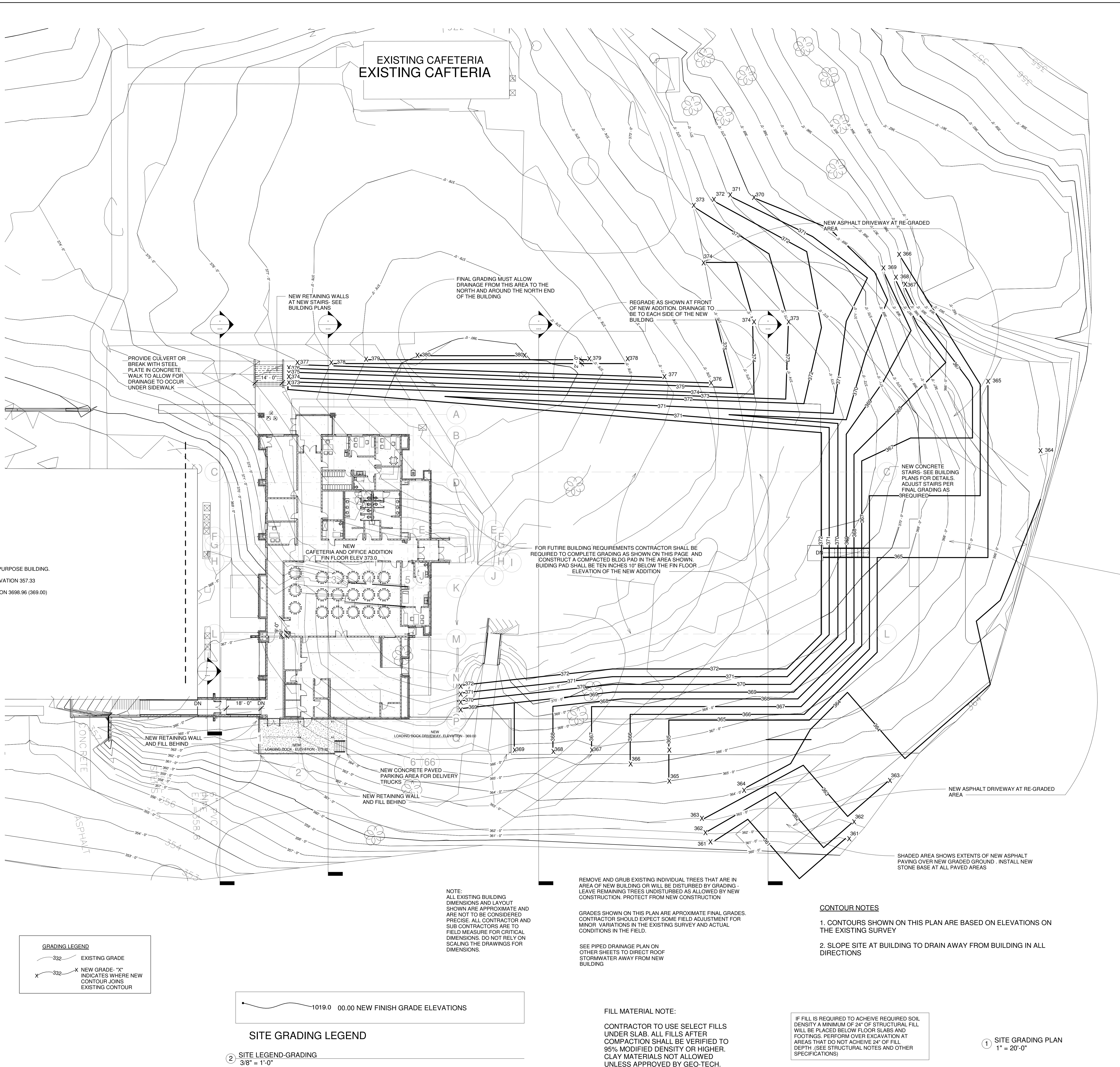
1. FOUNDATIONS ARE DESIGNED TO BEAR ON UNDISTURBED NATURAL GRADE OR FILL, THAT HAS BEEN COMPACTED OR MODIFIED IN A PROFESSIONAL MANNER TO ACHIEVE THE SOIL BEARING CAPACITIES AS INDICATED IN THESE PLAN DOCUMENTS.
2. A CERTIFIED TESTING LABORATORY SHALL BE ENGAGED BY THE CONTRACTOR TO PERFORM SOIL TESTING ON ALL MATERIAL UNDER THE NEW FOOTINGS AND BUILDING AND VERIFY THAT THE REQUIRED MINIMUM BEARING CAPACITY HAS BEEN OBTAINED.
3. SAID SOIL CAPACITY SHALL BE CERTIFIED AND TESTED BY A REGISTERED SOILS ENGINEER, PRIOR TO CASTING OF CONCRETE IN THE FOOTINGS.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO TEST THE ACTUAL SOIL BEARING CAPACITY PRIOR TO FOUNDATION CONSTRUCTION. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO TEST THE ACTUAL SOIL FOR QUALITIES THAT ARE UNSUITABLE FOR CONSTRUCTION, (EXPANSIVE SOILS ETC.), PRIOR TO CONSTRUCTION.
5. IF IT IS DETERMINED THAT THE ACTUAL SOIL BEARING CAPACITIES ARE LESS THAN THAT REQUIRED BY THE SOILS AND STRUCTURAL ENGINEER, OR THAT THE ACTUAL SOIL QUALITIES ARE UNSUITABLE FOR THIS FOUNDATION THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY TO DETERMINE THE CHANGES THAT WILL BE REQUIRED IN THE FOUNDATION DESIGN.
7. NO FOUNDATION CONSTRUCTION SHALL OCCUR UNTIL TESTING HAS DETERMINED THE ACTUAL SOIL BEARING CAPACITY.

SPECIAL SOILS AND CONSTRUCTION NOTES:

- (1) ALL SOIL TESTING, CONCRETE TESTING ETC. SHALL BE DONE BY TESTING LABORATORY INDICATED IN BOUND SPECIFICATIONS AND INCLUDED IN THE BID PRICE.
- (2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE AREA OUTSIDE THE GENERAL CONSTRUCTION AREA FROM DAMAGE TO THE FILL MATERIAL DURING BAD WEATHER CAUSED FROM CONSTRUCTION EQUIPMENT BEING USED ON THE PROJECT. DAMAGE TO THE FILL MATERIAL IN THE FUTURE PARKING LOT AND OTHER AREAS OUTSIDE OF THE BUILDING CONSTRUCTION AREA SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- (3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING REASONABLY STABLE ROAD ACCESS IN AND OUT OF THE PROJECT FOR EQUIPMENT, TRUCKS AND OTHER VEHICLES DURING THE WET MONTHS AND DURING THE WINTER MONTHS SO THE PROJECT CAN PROCEED WITHOUT UNNECESSARY DELAYS DUE TO WEATHER.
- (4) PLUMBING NOTE: THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING EXISTING PROPANE LINES TO EXTERIOR OF EXISTING BUILDINGS. VERIFY EXISTING ENTRY POINTS TO EXISTING BUILDINGS.
- (5) SITE IS DIRECTLY ADJACENT TO AN ACTIVE SCHOOL AREA. CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PREVENT CHILDREN FROM ENTERING THE CONSTRUCTION AREAS. THIS INCLUDES, BUT IS NOT LIMITED TO FENCING AND OTHER BARRIERS. COORDINATE SECURITY WITH SCHOOL ADMINISTRATION.
- (6) HYDRO SEED ENTIRE REGRADED AREA.

GENERAL FILL NOTES:

- (1.) EARTHWORK AND EXCAVATION CONTRACTOR IS TO REGRADE AND IMPORT OR EXPORT FILL AS REQUIRED TO ACHIEVE THE FINISH GRADE ELEVATIONS AS SHOWN ON THE CONTOUR PLAN AND SPOT ELEVATIONS. SUITABLE FILL AS APPROVED BY THE SOILS ENGINEER IS TO BE USED TO FILL THE SITE AS REQUIRED. ALL FILL TO BE PLACED PER SPECIFICATIONS CONTRACTOR TO REMOVE ALL EXISTING RETAINING WALL, RETAINING WALL FOOTINGS, VEGETATION, AND OTHER EXISTING FEATURES THAT WILL CONFLICT WITH THE NEW BUILDING
- (2). THE GENERAL CONTRACTOR AND SUB CONTRACTORS SHALL VERIFY ALL EXISTING ELEVATIONS GRADES THAT MAY AFFECT THE WORK BEFORE BIDDING. IF ANY DISCREPANCIES FROM THE PLANS AND SPECIFICATIONS ARE FOUND THEY SHALL BE REPORTED TO THE ARCHITECT BEFORE BIDDING.



ANDREW HICKS ARCHITECT
ARCHITECT
NO. C-150
12-27-2020
ARKANSAS

ARCHITECT OF RECORD
ANDREW F. HICKS

CAETERIA AND OFFICE ADDITION
Project Number
FOR
HILLCREST SCHOOL DISTRICT
LYNN CAMPUS, LYNN AR

andrew hicks | architect
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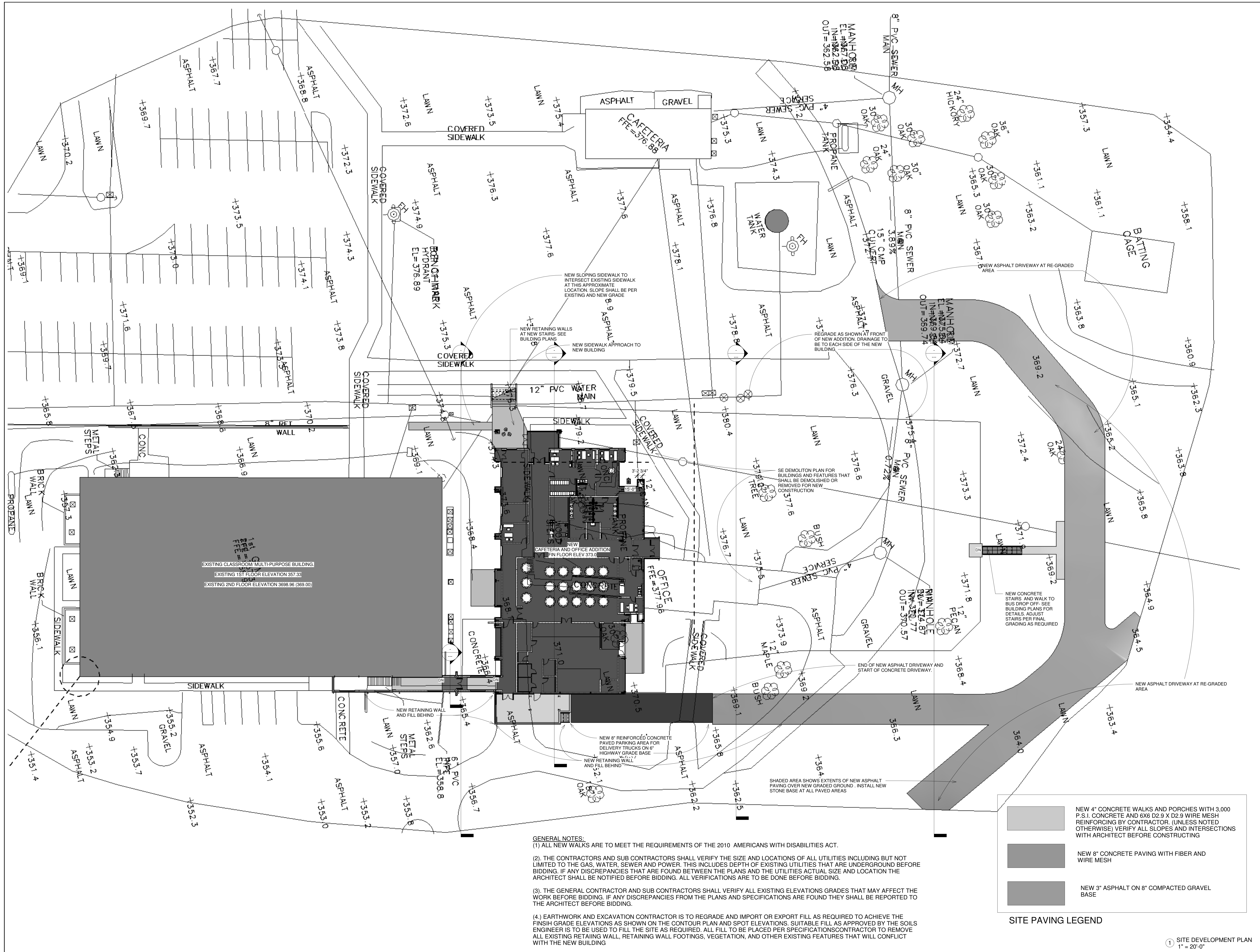
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GRADING PLAN

C1.2



ARCHITECT OF RECORD
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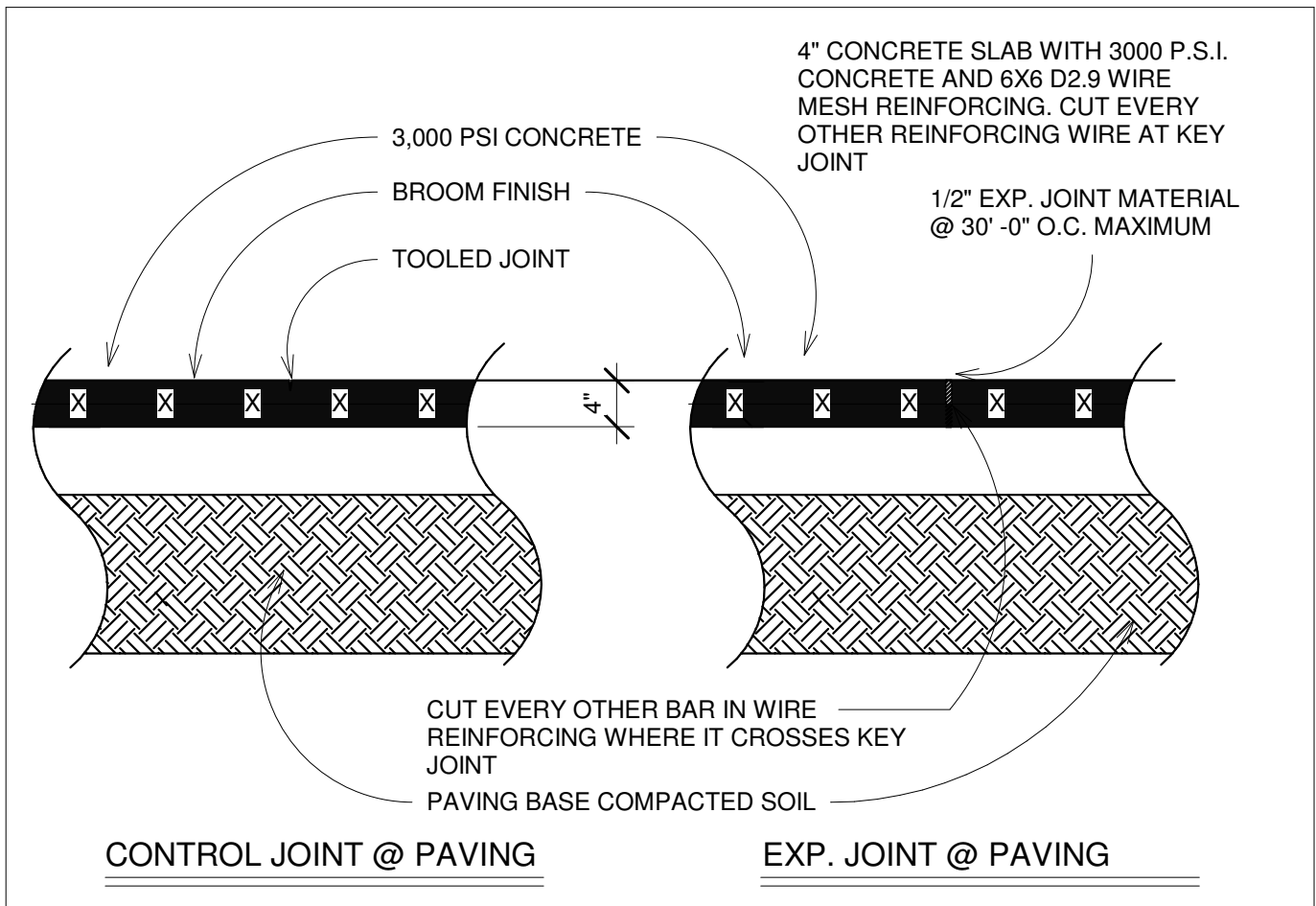
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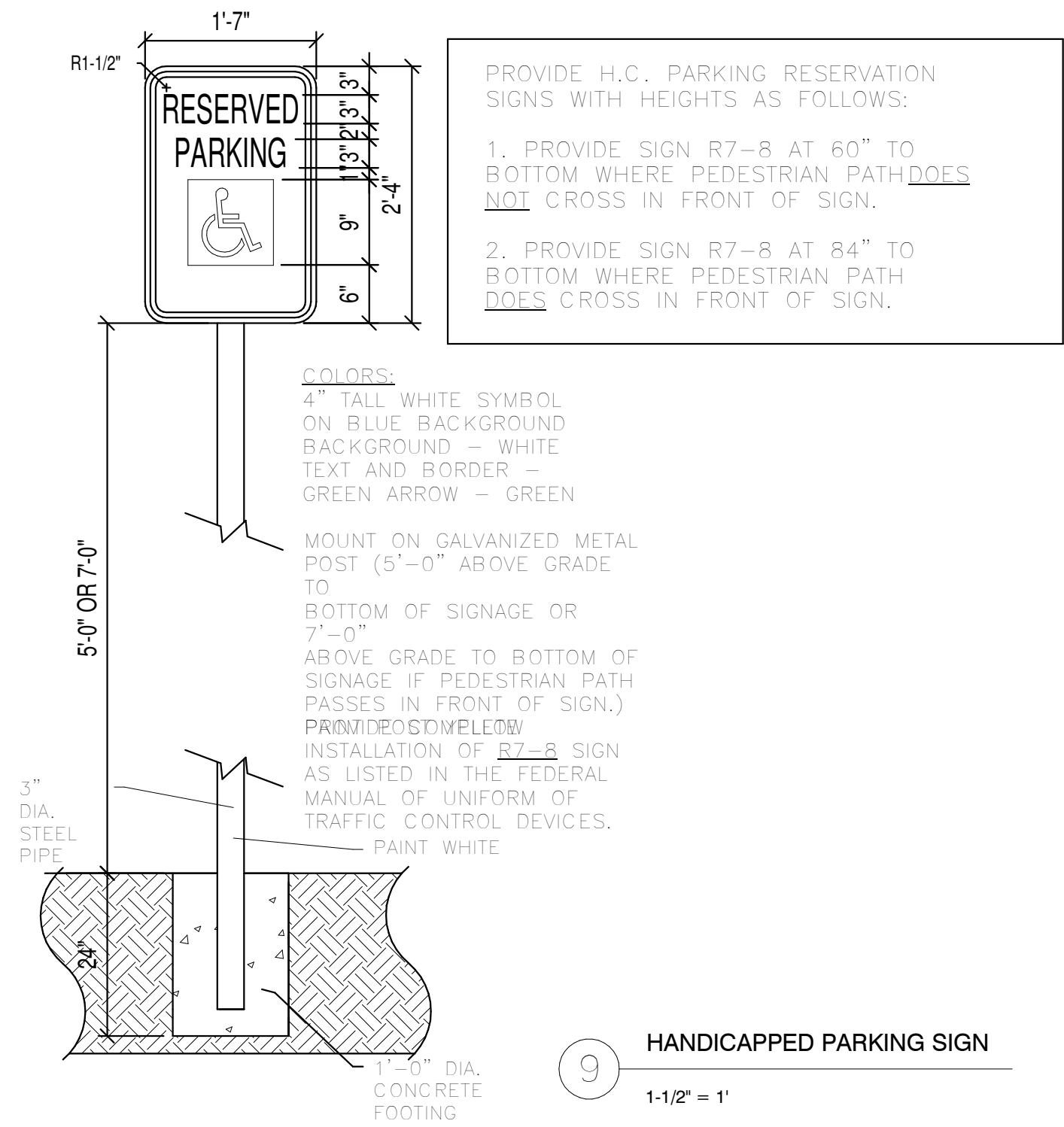
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SITE DEVELOPMENT PLAN

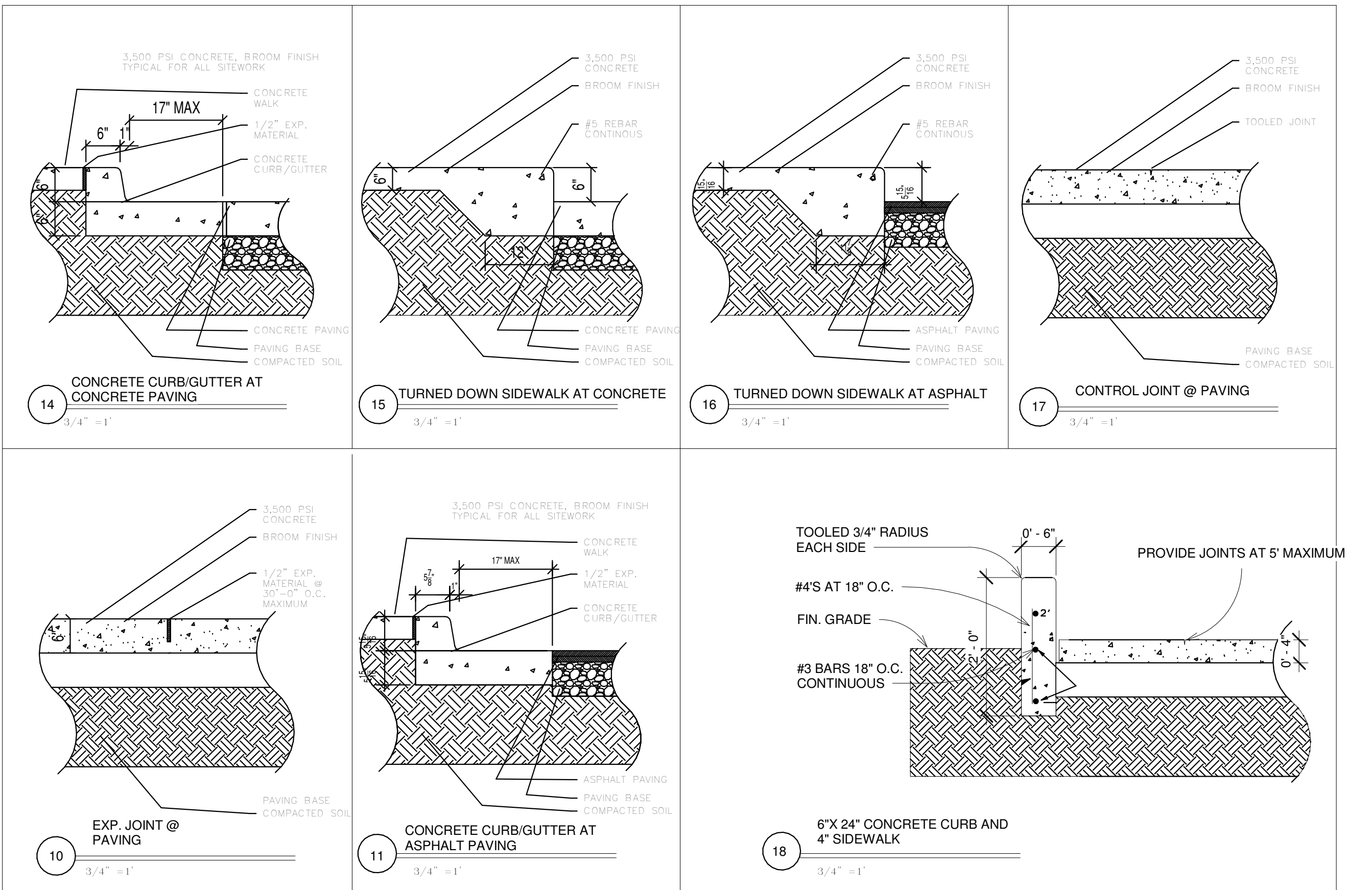
C1.3



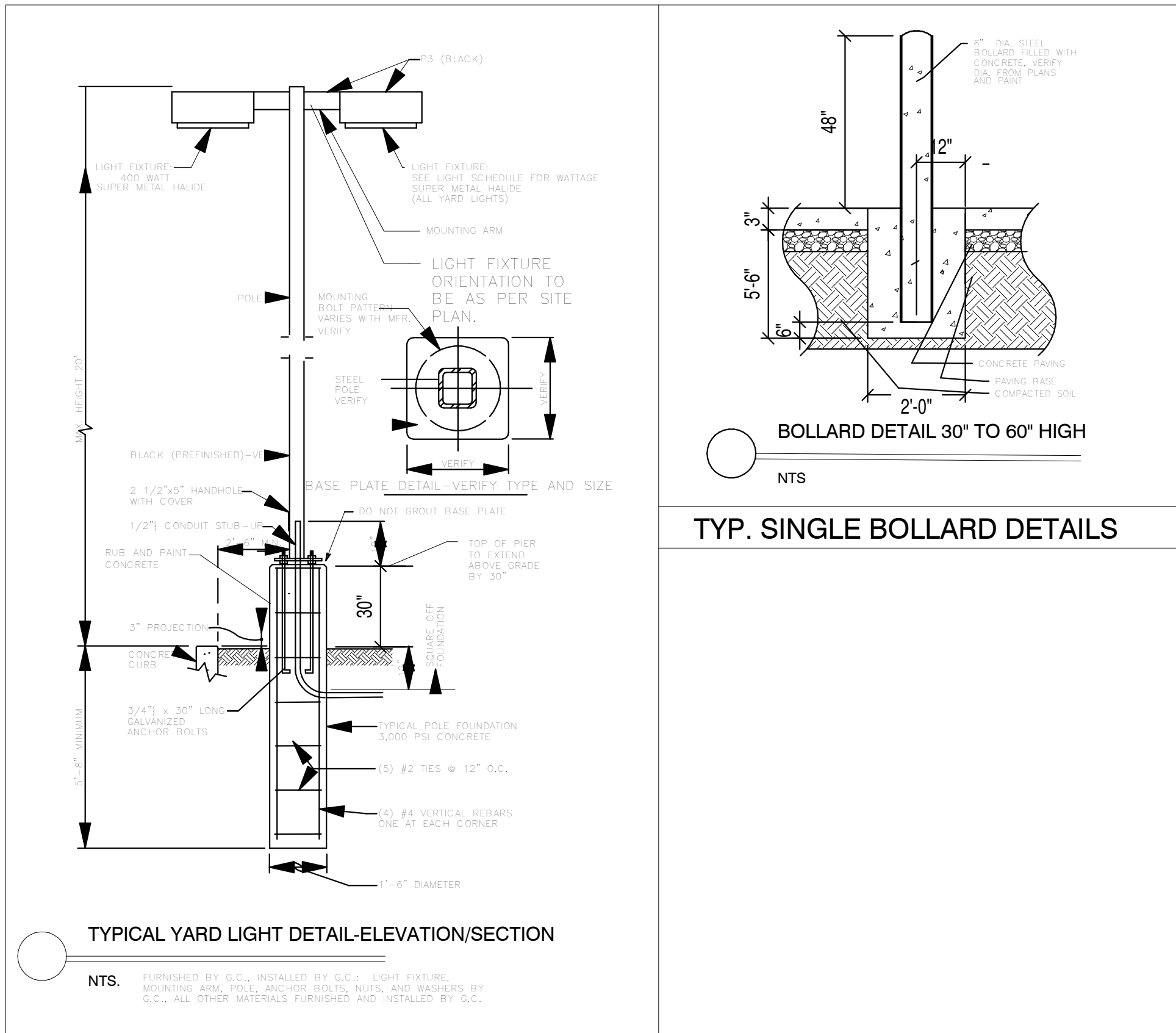
1 SITE DETAILS-CONCRETE WALKS
3/4" = 1'-0"



3 SITE DETAILS-HANDICAPPED PARKING SIGN
3/4" = 1'-0"



4 SITE DETAILS-PAVING AND CURB
1/2" = 1'-0"



2 SITE DETAILS-TYPICAL LIGHT POLE AND BUMPER BOLLARD DETAIL
3/4" = 1'-0"

GENERAL SITE NOTES:

- ALL SOIL TESTING, CONCRETE TESTING ETC. SHALL BE DONE BY TESTING LABORATORY INDICATED IN BOUND SPECIFICATIONS AND THE COSTS FOR SUCH SHALL BE INCLUDED IN THE BID PRICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE AREA OUTSIDE THE GENERAL CONSTRUCTION AREA FROM DAMAGE TO EXISTING BUILDINGS AND OTHER FEATURES. DAMAGE IN THESE AREAS OUTSIDE OF THE BUILDING CONSTRUCTION AREA SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING REASONABLY STABLE ROAD ACCESS IN AND OUT OF THE PROJECT FOR EQUIPMENT, TRUCKS AND OTHER VEHICLES DURING THE WET MONTHS AND DURING THE WINTER MONTHS SO THE PROJECT CAN PROCEED WITHOUT UNNECESSARY DELAYS DUE TO WEATHER.
- UTILITY NOTE: THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING NEW AND/OR RE-LOCATING EXISTING UTILITY LINES, INCLUDING NATURAL GAS, SEWER, WATER, ELECTRIC POWER, AND COMMUNICATION, TO NEW OR EXISTING BUILDINGS AS REQUIRED BY THE CONSTRUCTION ON THIS BUILDING-VERIFY EXISTING UTILITY ENTRY POINTS TO EXISTING BUILDINGS.
- THE CONTRACTORS AND SUB CONTRACTORS SHALL VERIFY THE SIZE AND LOCATIONS OF ALL UTILITIES INCLUDING BUT NOT LIMITED TO THE GAS, WATER, SEWER AND POWER. THIS INCLUDES DEPTH OF EXISTING UTILITIES THAT ARE UNDERGROUND BEFORE BIDDING. IF ANY DISCREPANCIES THAT ARE FOUND BETWEEN THE PLANS AND THE UTILITIES ACTUAL SIZE AND LOCATION THE ARCHITECT SHALL BE NOTIFIED BEFORE BIDDING. ALL VERIFICATIONS ARE TO BE DONE BEFORE BIDDING.
- SITE IS DIRECTLY ADJACENT TO AN ACTIVE SCHOOL AREA. CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PREVENT CHILDREN FROM ENTERING THE CONSTRUCTION AREAS. THIS INCLUDES, BUT IS NOT LIMITED TO FENCING AND OTHER BARRIERS. COORDINATE SECURITY WITH SCHOOL ADMINISTRATION.
- ALL NEW WALKS ARE TO MEET THE REQUIREMENTS OF THE 2010 AMERICANS WITH DISABILITIES ACT.
- PROVIDE TOPSOIL AND HYDRO SEED ENTIRE REGRADED AREA AROUND NEW BUILDING THAT IS NOT PAVED OR HARD SURFACED IN OTHER WAY.

8 SITE NOTES-GENERAL
12" = 1'-0"

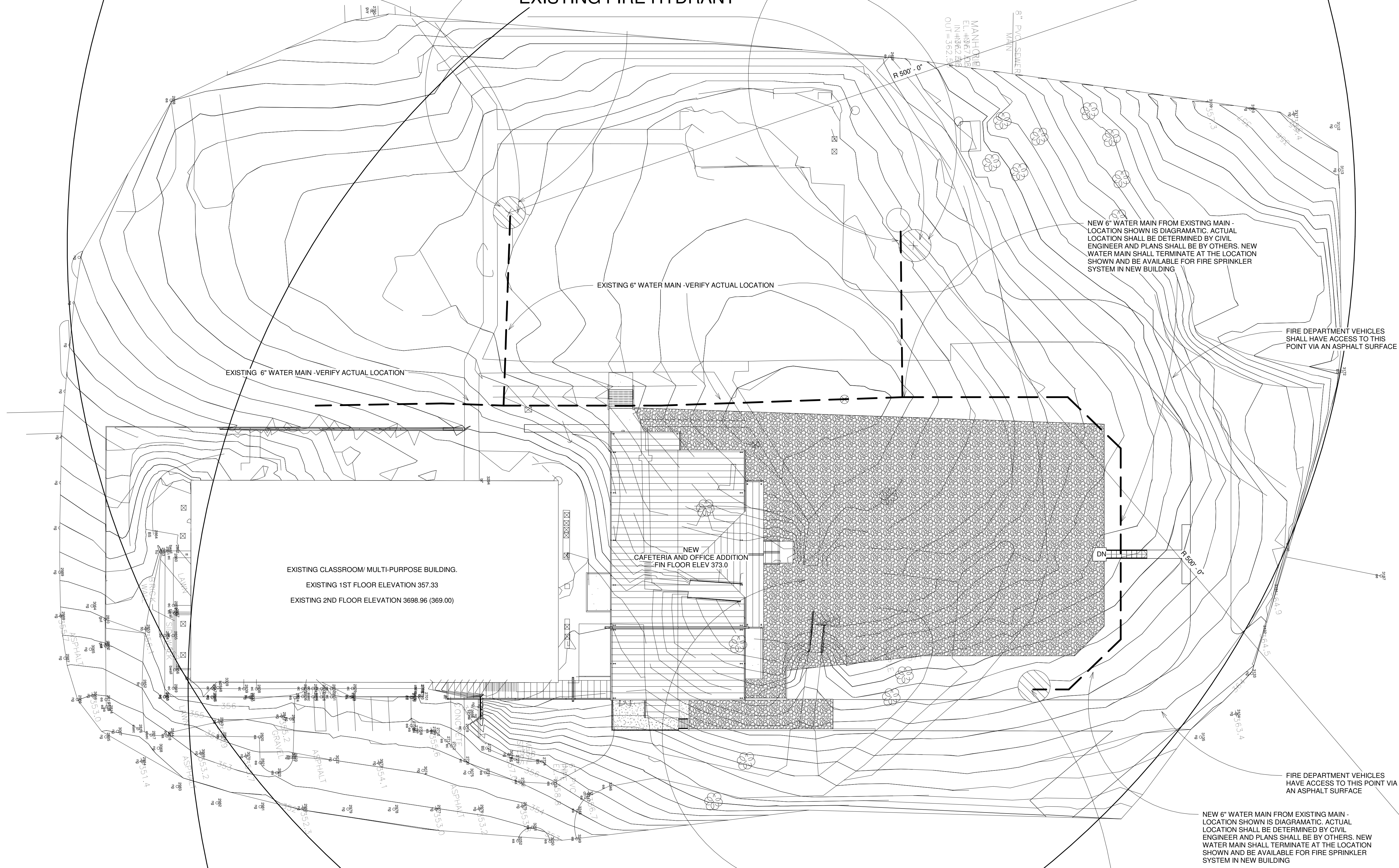
GENERAL SITE DEVELOPMENT AND CONSTRUCTION NOTES

- REMOVE ALL VEGETATION, DEBRIS, UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM OF FILLS SURFACE PRIOR TO PLACEMENT
 - PROVIDE 4" DRAINAGE FILL BELOW FLOOR SLAB AS INDICATED. WASHED, EVENLY GRADED MIXTURE OF CRUSHED STONE, OR CRUSHED OR UNCRUSHED GRAVEL, WITH 100 PERCENT PASSING A 1-1/2 INCH SIEVE AND NOT MORE THAN 5 PERCENT PASSING A NO. 4 SIEVE.
 - THE CONTRACTOR SHALL PROVIDE NEW FOOTINGS FOR NEW YARD LIGHTS, INCLUDING ELECTRICAL CONNECTIONS. POLE AND LIGHT FIXTURE INSTALLATION BY BLDG. ELECTRICAL SUBCONTRACTOR.
 - THE CONTRACTOR SHALL FURNISH AND INSTALL NEW CONCRETE CURBS, SIDEWALKS, AND ASPHALT PATCH PAVING AT AREAS AS SHOWN AND AS REQUIRED.
 - ALL WALKS SHALL BE MINIMUM 3,500 PSI READY-MIX CONCRETE, SLOPED TO DRAIN, WITH A LIGHT BROOM FINISH. WEAKENED PLANE JOINTS SHALL BE A MINIMUM OF 1/5 THE DEPTH OF THE PAVING AND IN PATTERNS INDICATED. PROVIDE ASPHALT IMPREGNATED EXPANSION JOINT FILLERS AT 20-25 FT. O.C. AND WHERE INDICATED AND SEAL ALL JOINTS PER MFG. SPECS.
 - CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL DEPOSITS, FEES AND OTHER CHARGES AS REQUIRED TO CONSTRUCT THE BUILDING AND SITE IMPROVEMENTS.
 - THE CONTRACTOR SHALL PROVIDE FIELD ENGINEERING FOR SITE GRADING (AND ALL) AS REQUIRED TO PERFORM THIS WORK. THE CONTRACTOR SHALL PROVIDE ALL QUALITY CONTROL, INCLUDING BUT NOT LIMITED TO COMPACTION TESTING, PLUMBING TESTING, ELECTRICAL SYSTEMS TESTING, AND HVAC TESTING AND BALANCING.
 - ALL MATERIALS SHALL BE NEW. PRODUCT SUBSTITUTIONS ARE ALLOWED ONLY AFTER PRIOR APPROVAL BY THE OWNER.
 - ITEMS FURNISHED BY THE OWNER ARE INDICATED ON THE DRAWINGS.
 - CONTRACTOR SHALL ASSIST OWNER IN THE INSTALLATION OF ALL N.I.C. ITEMS UNLESS NOTED OTHERWISE.
 - THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE LOCATION, DETERMINATION OR REMOVAL OF ANY HAZARDOUS OR TOXIC MATERIALS
 - PROVIDE TEMPORARY FACILITIES, INCLUDING ELECTRICAL POWER FOR CONSTRUCTION, TOILET, AND TELEPHONE. A JOB OFFICE SHALL BE REQUIRED, FOR THE STORAGE AND REVIEW OF PLANS, SHOP DRAWINGS AND OTHER DOCUMENTS AS REQUIRED.
 - TERMITE TREATMENT: PROVIDE A CERTIFIED TERMITE APPLICATION TO ALL AREAS OF NEW BUILDING CONSTRUCTION. METHODS OF TERMITE TREATMENT FOR SHALL BE DETERMINED BY THE TREATER. CERTIFICATE SHALL GUARANTEE AGAINST INFESTATION FOR A PERIOD OF THREE (3) YEARS.
 - CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL DEPOSITS, FEES AND OTHER CHARGES AS REQUIRED TO CONSTRUCT THE BUILDING AND SITE IMPROVEMENTS. SEE SPECIFICATIONS FOR ELECTRIC ALLOWANCE, IF ANY. TO PROVIDE IN BID PRICE
 - THE CONTRACTOR AND THE OWNER SHALL CONSULT WITH THE LOCAL POWER COMPANY TO DETERMINE THE BEST LOCATION FOR INCOMING POWER POLES OR UNDERGROUND POWER LINES. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE INCOMING SERVICE WITH THE INFORMATION AS SHOWN ON THE ELECTRICAL SHEETS AND MAKE ADJUSTMENTS AS REQUIRED.
 - PROVIDE A ONE-YEAR GENERAL CONTRACTOR'S WARRANTY ON ALL MATERIAL AND LABOR.
- SITE NOTES-GENERAL SITE AND CONSTRUCTION
3/4" = 1'-0"

EXISTING FIRE HYDRANT- THE
CIRCLES SHOWN AROUND EACH
FIRE HYDRANT LOCATION
INDICATE A 500' RADIUS

EXISTING FIRE HYDRANTS
AT THIS LOCATION
EXISTING FIRE HYDRANT

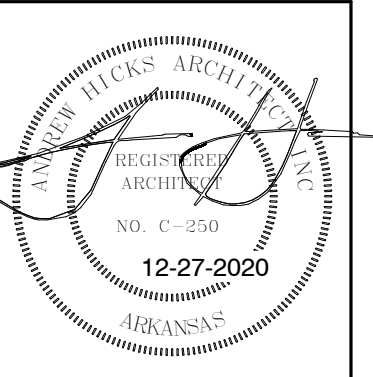
EXISTING FIRE HYDRANTS- THE
CIRCLES SHOWN AROUND EACH
FIRE HYDRANT INDICATE A 500'
RADIUS



NEW CAFETERIA/CLASSROOM
ADDITION

A NEW FIRE HYDRANT-INSTALLED BY
OTHERS-APPROXIMATE LOCATION

FIRE HYDRANT AND WATER MAIN
LOCATION PLAN-EXISTING AND NEW
③ 1" = 30'-0"



ARCHITECT OF RECORD
ANDREW F. HICKS

CAFETERIA AND OFFICE ADDITION

Project Number

FOR
HILLCREST SCHOOL DISTRICT

LYNN CAMPUS, LYNN AR

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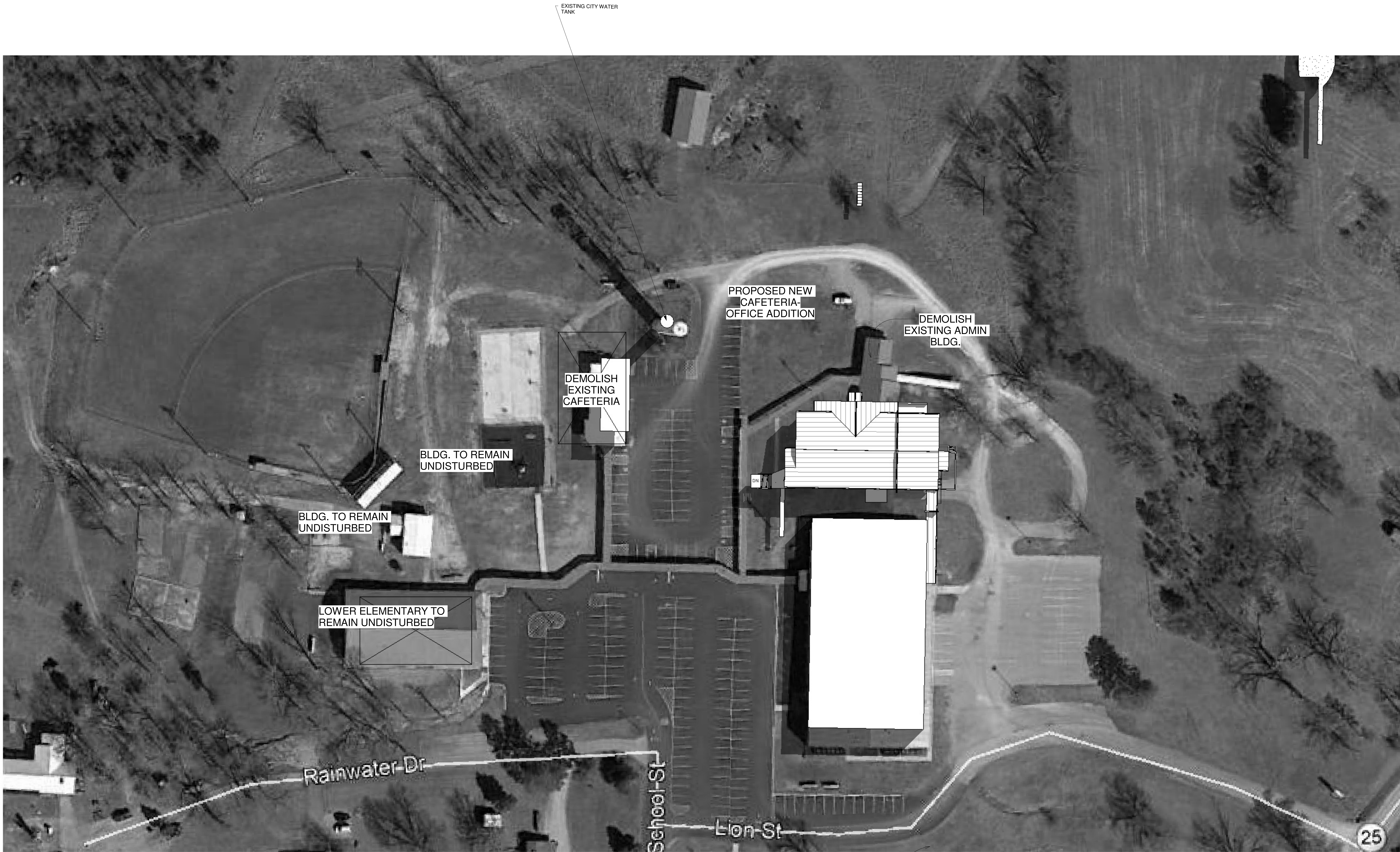
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CAMPUS FIRE HYDRANT LOCATION PLAN

C1.5



THE PROJECT VIEW ON THIS SHEET IS FOR GENERAL PROJECT CONCEPT INFORMATION ONLY AND IS NOT INTENDED TO CONVEY PRECISE OR THOROUGH INFORMATION

AERIAL PHOTO MAP SHOWING EXISTING FEATURES

① SITE PHOTO W/ BUILDING
1" = 40'-0"

ARCHITECT OF RECORD
ANDREW F. HICKS

12-27-2020

NO. C-250

ARKANSAS

ARCHITECT OF RECORD
ANDREW F. HICKS

12-27-2020

NO. C-250

ARKANSAS

A NEW CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

FOR
HILLCREST SCHOOL DISTRICT.

LYNN SCHOOL CAMPUS, LYNN ARKANSAS

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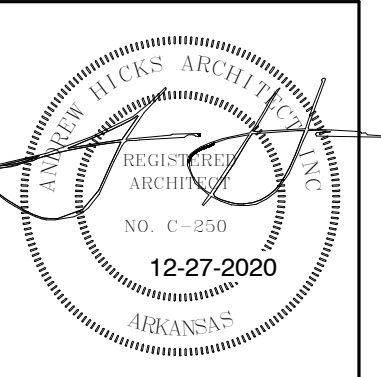
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SITE PLAN - OVERLAY ON SITE PHOTO: LYNN CAMPUS

A096



ARCHITECT OF RECORD
ANDREW F. HICKS

A NEW CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3803-002
FOR
HILLCREST SCHOOL DISTRICT.

LYNN SCHOOL CAMPUS, LYNN, ARKANSAS

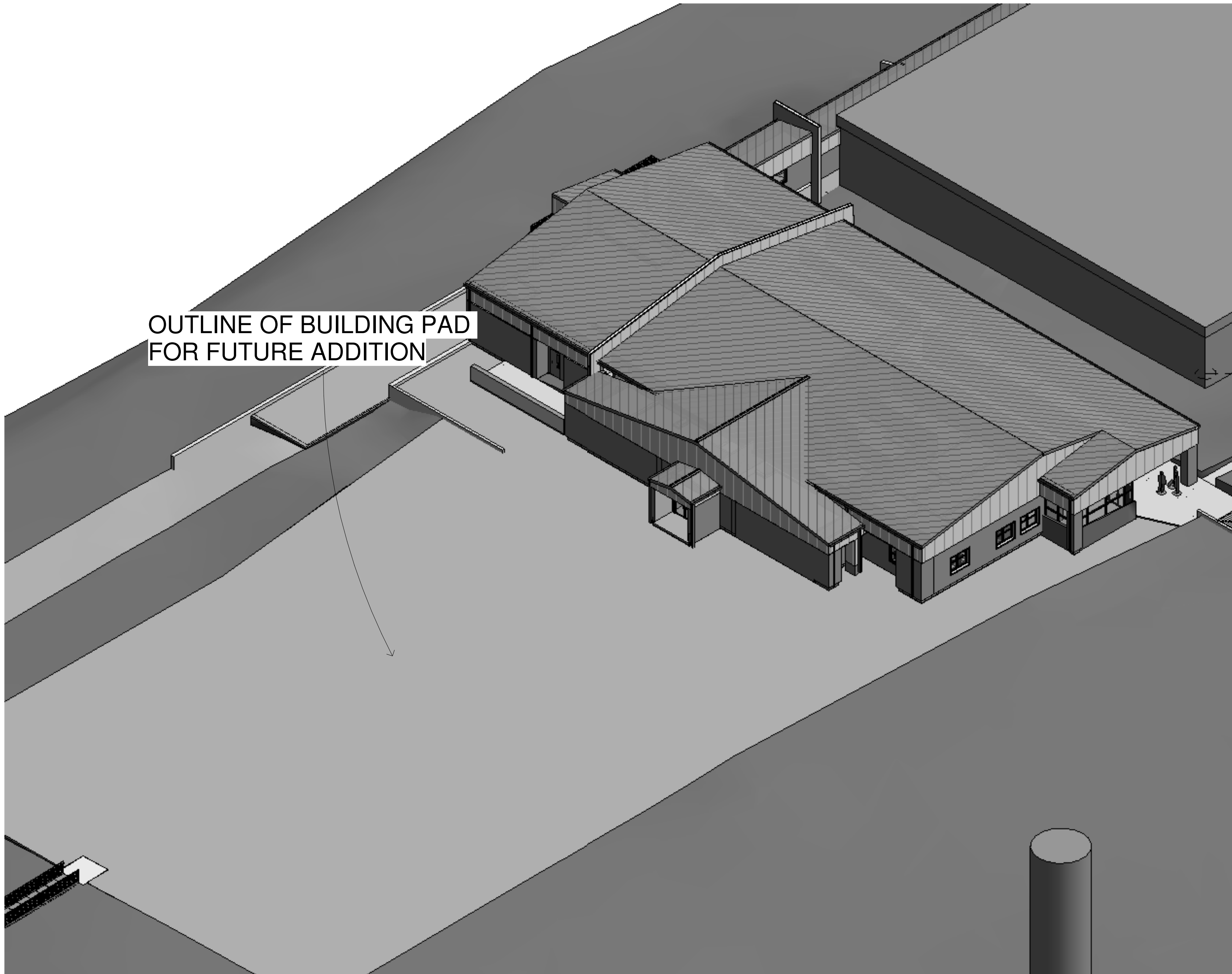
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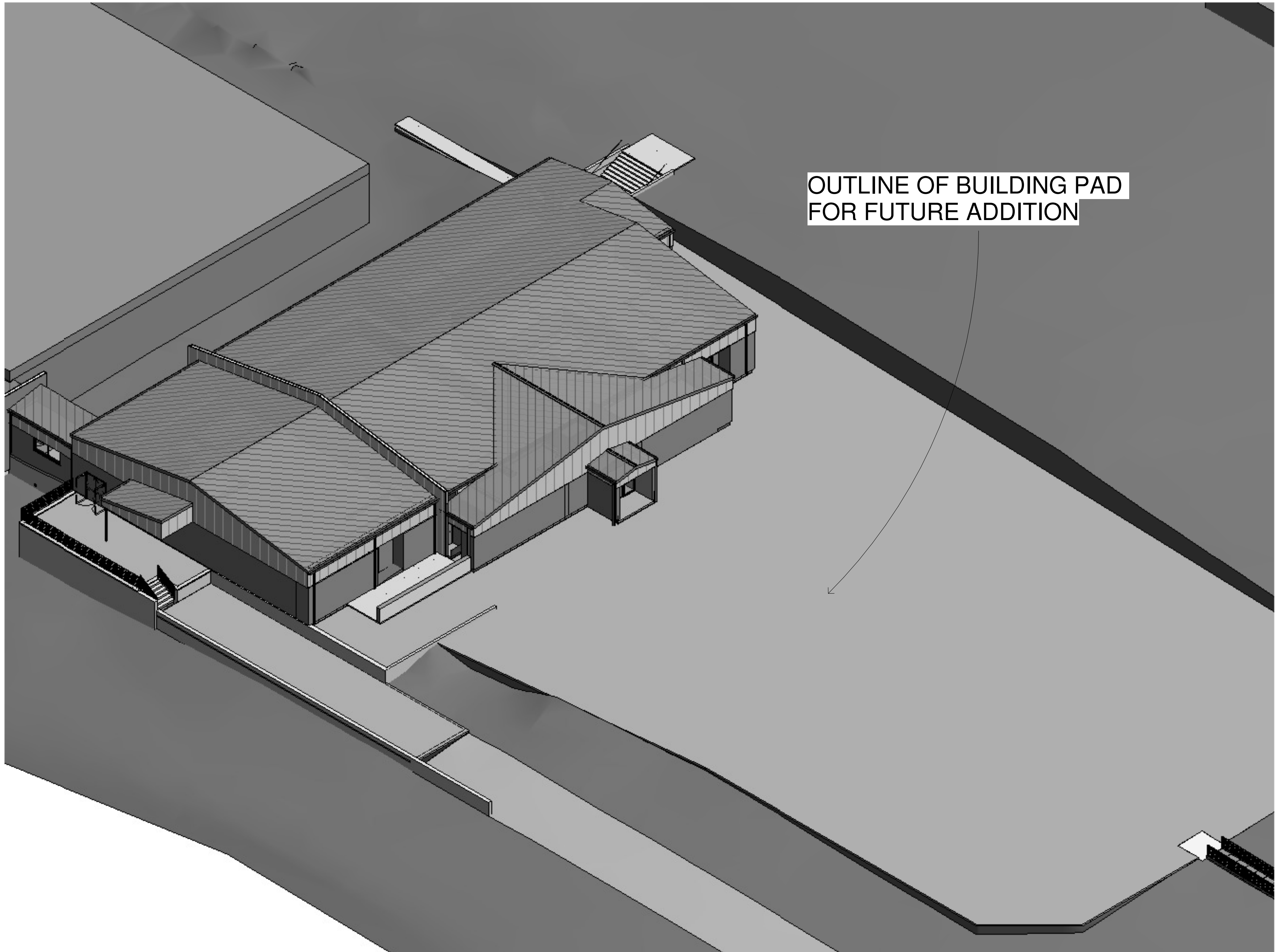
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3D VIEWS- LYNN CAMPUS

A097



② 3D- FROM NORTHEAST



① 3D- FROM SOUTHWEST

WALL CONSTRUCTION AND INSULATION NOTES
1. ALL DIMENSIONS ARE FROM EDGE OF NOMINAL CMU BLOCK OR STRUCTURAL GRID CENTERLINE OR OUTSIDE OF STRUCTURAL STEEL, OR EDGE OF LIGHT GAUGE ROUGH FRAMING, UNLESS OTHERWISE INDICATED.

2. CONTRACTOR TO ALLOW FOR ACTUAL BLOCK WIDTH OF 3/8" LESS THAN THE NOMINAL WIDTH

INSULATION NOTES

1. ALL EXTERIOR AND INTERIOR CMU BLOCK WALLS ARE TO BE INSULATED TO TOP OF WALL IN ALL CELLS THAT ARE NOT GROUTED FULL.

2. NO INSULATION IS TO BE INSTALLED DIRECTLY ABOVE THE CEILINGS. ALL HORIZONTAL INSULATION ABOVE CEILINGS IS TO BE INSTALLED AT THE ROOF LEVEL AS A FABRIC AND LINER SYSTEM WITH UN-FACED FIBERGLASS INSULATION INSTALLED IN A THICKNESS TO MATCH THE ROOF FURLIN DEPTH. (A SIMPLE SAVER SYSTEM OR EQUAL).

3. INSULATE ALL WALLS ABOVE CEILINGS INCLUDING REST ROOM & OFFICE WALLS AND SMOKE PARTITIONS W/FIBERGLASS BATT INSULATION (SOUND BATTS) AS REQUIRED BY STUD THICKNESS.

FURNITURE NOTE:
1. ALL COMPUTERS, COMPUTER DESK, TEACHERS DESK, STUDENT DESK AND FURNISHINGS BY SCHOOL.
2. ALL MILLWORK FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
3. CONTRACTOR TO FURNISH AND INSTALL ALL "WHITE BOARDS" AS SHOWN IN 10 CLASSROOMS. WHITE BOARDS TO BE 4'-0" X 3'-6" LONG AND TO MATCH THE "WHITEBOARDS" CURRENTLY IN USE BY THE SCHOOL.

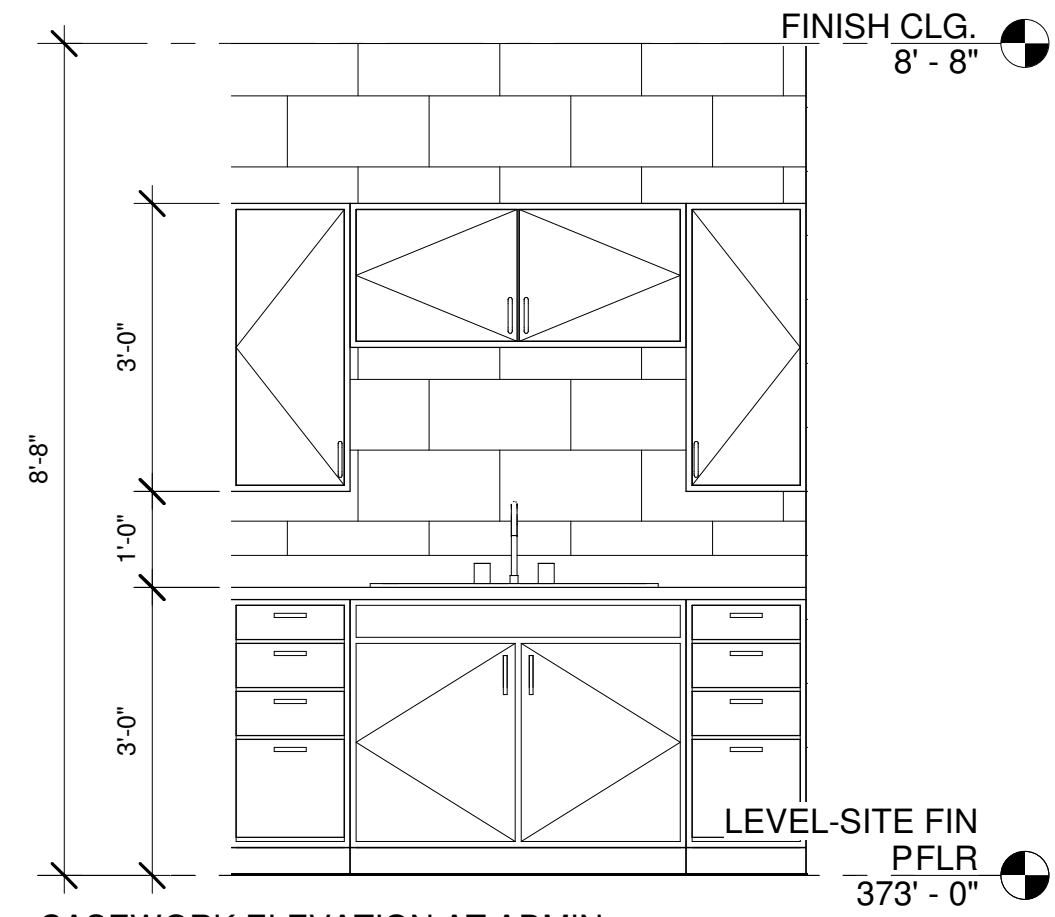
NOTE:
ALL CORRIDOR WALLS ARE TO BE 1 HOUR FIRE RATED WALLS. ARE TO BE CONSTRUCTED WITH 8" AND/OR 4" WIDE CMU AS PER PLANS. SEE FINISH SCHEDULE

EXISTING 2ND FLOOR ELEV 369.00

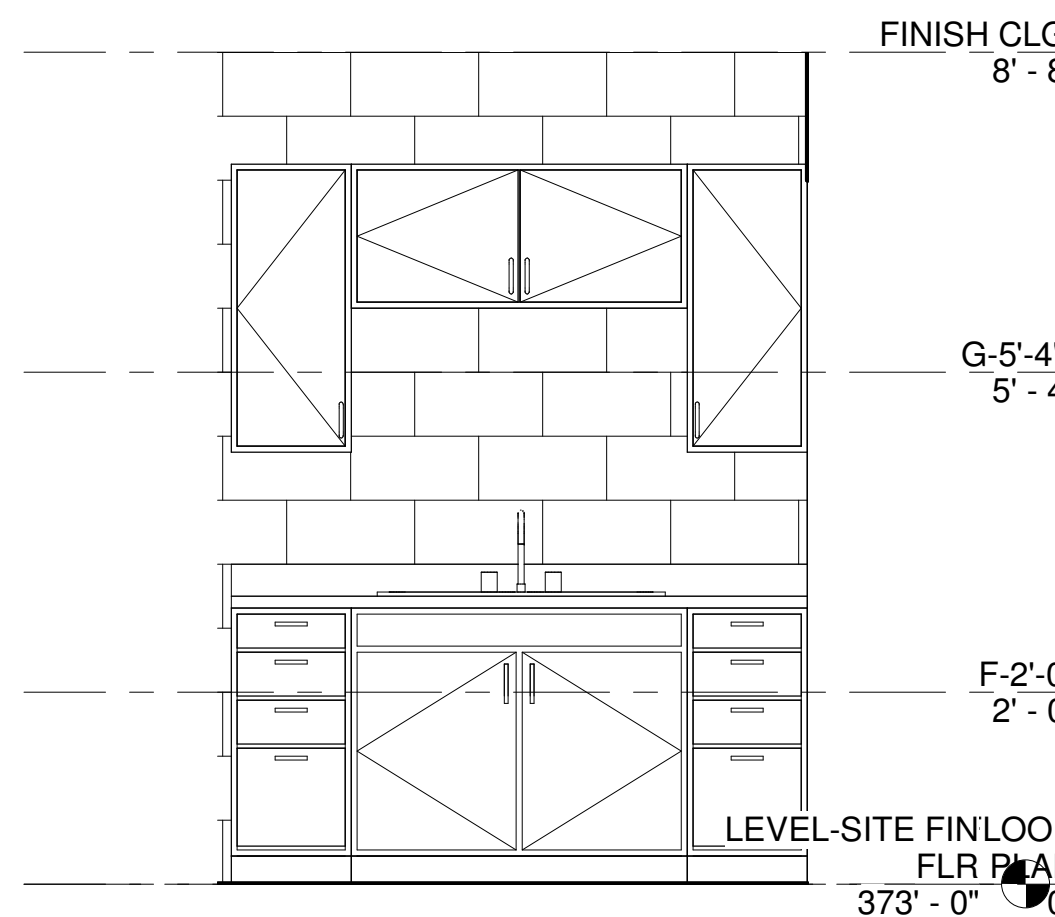
NEW FLOOR ELEV 373.00

TRUCK DELIVERY ELEV 369.00

13,168 SF GROSS FLOOR AREA



CASEWORK ELEVATION AT ADMIN AREA - RM 119
1/2" = 1'-0"

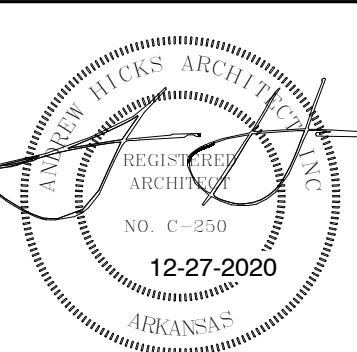


CASEWORK ELEVATION AT NURSES STATION - RM 119
1/2" = 1'-0"

ROOM SCHEDULE

Number	Name	Area
100	SECURITY VESTIBULE FRONT	291 SF
101	CORRIDOR	1670 SF
101A	HVAC	65 SF
102	CORRIDOR	548 SF
103	CORRIDOR	520 SF
104	CLERICAL	356 SF
105	ASSIST PRINCIPAL	129 SF
106	PRINCIPAL	194 SF
107	FILE ROOM	150 SF
108	TOILET	72 SF
109	MECH ROOM	150 SF
110	SPEECH THERAPY	477 SF
110A	HVAC	19 SF
111	READING SPECIALIST	172 SF
112	GUID. CNSLR	171 SF
113	MECH / ELEC	157 SF
114	WOMEN'S RR	292 SF
115	JANITOR	72 SF
116	MEN'S RR	296 SF
117	OPTP	411 SF
118	SECURITY VESTIBULE-SIDE	109 SF
119	HEALTH	253 SF
119A	HEALTH RR	50 SF
120	NURSE OFFICE	131 SF
121	DINING	2288 SF
122	SERVING	326 SF
123	KITCHEN	1024 SF
124	FOOD PREP	364 SF
124A	HVAC CHASE	19 SF
125	KITCH. STORAGE	140 SF
126	DISHWASH	147 SF
126A	HVAC CHASE	31 SF
127	KITCHEN RR	32 SF
128	DIETICIAN OFFICE	66 SF
129	UTILITYWASH DRYER	66 SF
130	KITCH. ELEC / MECH	71 SF
130A	HVAC CHASE	64 SF
131	COOLER	61 SF
132	FREEZER	63 SF
133	SPED- RR AND SHWR	100 SF

1 FLOOR PLAN-OVERALL
1/8" = 1'-0"



ARCHITECT OF RECORD
ANDREW F. HICKS

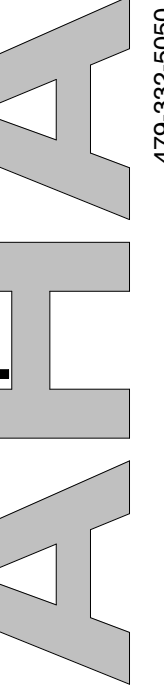
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FLOOR PLAN - OVERALL

A098

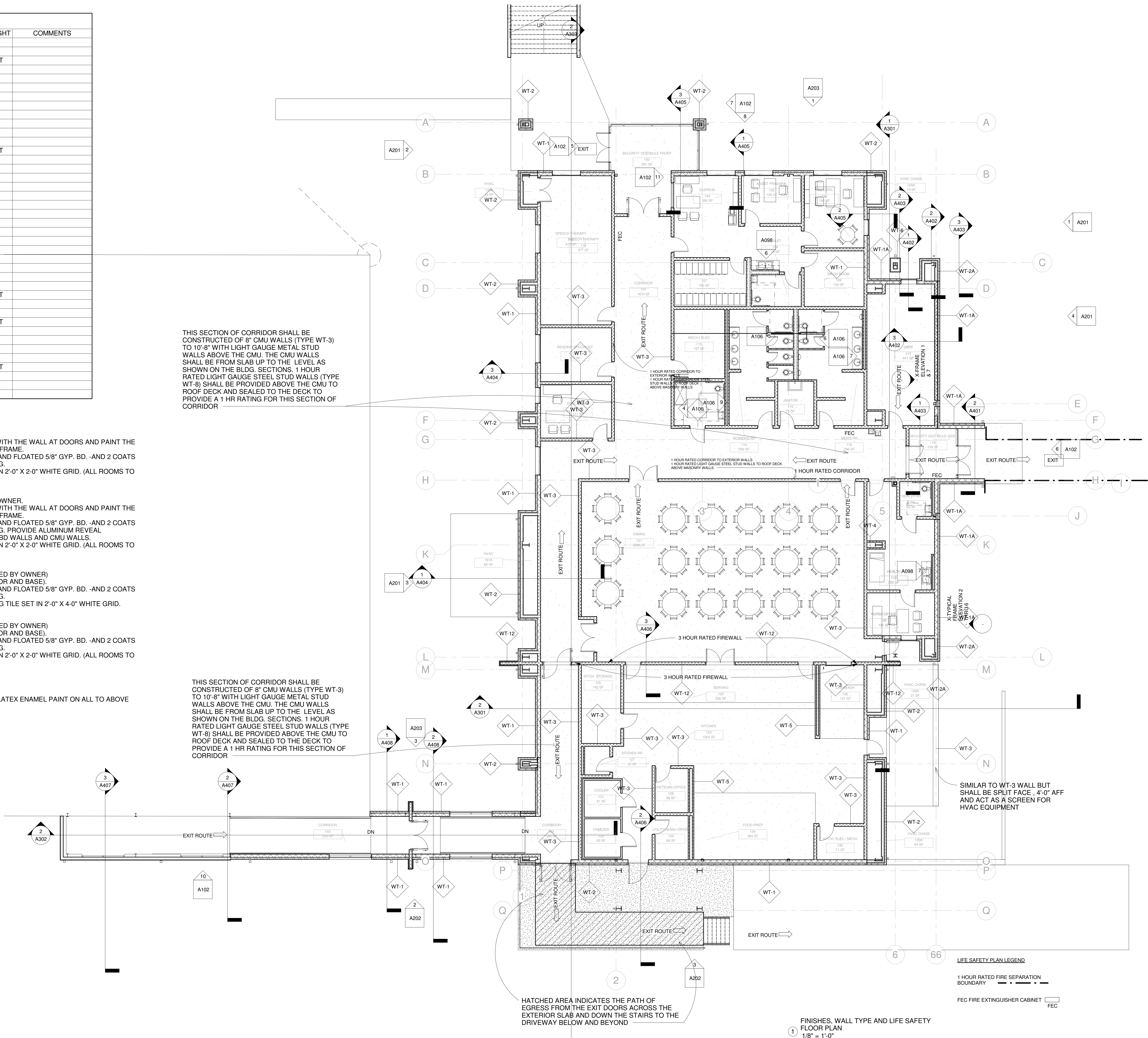
ROOM FINISH SCHEDULE				
NO.	NAME	FINISH KEY	CEILING HEIGHT	COMMENTS
100	SECURITY VESTIBULE FRONT	B	10'-8"	
101	CORRIDOR	A	10'-0"	
101A	HVAC	E	TO STRUCT	
102	CORRIDOR	A	10'-0"	
103	CORRIDOR	A	10'-0"	
104	CLERICAL	A	8'-8"	
105	ASSIST PRINCIPAL	A	8'-8"	
106	PRINCIPAL	A	8'-8"	
107	FILE ROOM	A	8'-8"	
108	TOILET	D	8'-8"	
109	MECH ROOM	A	8'-8"	
110	SPEECH THERAPY	A	8'-8"	
110A	HVAC	E	TO STRUCT	
111	READING SPECIALIST	A	8'-8"	
112	GUID. CNSLR	C	8'-8"	
113	MECH / ELEC	A	9'-4"	
114	WOMEN'S RR	D	8'-8"	
115	JANITOR	D	8'-8"	
116	MEN'S RR	D	8'-8"	
117	OTTP	A	8'-8"	
118	SECURITY VESTIBULE-SIDE	A	8'-8"	
119	HEALTH	D	8'-8"	
119A	HEALTH RR	D	8'-8"	
120	NURSE OFFICE	A	8'-8"	
121	DINING	A	10'-0"	
122	SERVING	C	9'-4"	
123	KITCHEN	C	9'-4"	
124	FOOD PREP	C	9'-4"	
124A	HVAC CHASE	E	TO STRUCT	
125	KITCH. STORAGE	C	8'-8"	
126	DISHWASH	C	9'-4"	
126A	HVAC CHASE	E	TO STRUCT	
127	KITCHEN RR	D	8'-8"	
128	DIETICIAN OFFICE	C	8'-8"	
129	UTILITY/WASH DRYER	C	9'-4"	
130	KITCH. ELEC / MECH	C	9'-4"	
130A	HVAC CHASE	E	TO STRUCT	
131	COOLER	PER MFR	PER MFR	
132	FREEZER	PER MFR	PER MFR	
133	SPED- RR AND SHWR	C	8'-8"	

FINISH LEGEND

A	FLOOR: BASE: WALLS: CEILING:	POLISHED CONCRETE- SEE SPECIFICATIONS. 4" RUBBER BASE 1/8" THICK. CUT BASE FLUSH WITH THE WALL AT DOORS AND PAINT THE BLOCK RETURN TO MATCH THE BASE AT DOOR FRAME. CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING. 2'-0" X 2'-0" SUSPENDED ACOUSTICAL TILE SET IN 2'-0" X 2'-0" WHITE GRID. (ALL ROOMS TO HAVE FLAT CEILINGS-SEE BUILDING SECTIONS)
B	FLOOR: BASE: WALLS: CEILING:	12" SQUARE VCT-COLOR TO BE SELECTED BY OWNER. 4" RUBBER BASE 1/8" THICK. CUT BASE FLUSH WITH THE WALL AT DOORS AND PAINT THE BLOCK RETURN TO MATCH THE BASE AT DOOR FRAME. CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING. PROVIDE ALUMINUM REVEAL TRANSITION STRIPS AT INTERSECTION OF GYP BD WALLS AND CMU WALLS. 2'-0" X 2'-0" SUSPENDED ACOUSTICAL TILE SET IN 2'-0" X 2'-0" WHITE GRID. (ALL ROOMS TO HAVE FLAT CEILINGS-SEE BUILDING SECTIONS)
C	FLOOR: BASE: WALLS: CEILING:	POURED EPOXY FLOOR - COLOR TO BE SELECTED BY OWNER) 8" EPOXY BASE (SEE SPECIFICATIONS FOR FLOOR AND BASE). CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING. 2'-0" X 4'-0" SUSPENDED VINYL COVERED CEILING TILE SET IN 2'-0" X 4'-0" WHITE GRID.
D	FLOOR: BASE: WALLS: CEILING:	POURED EPOXY FLOOR - COLOR TO BE SELECTED BY OWNER) 8" EPOXY BASE (SEE SPECIFICATIONS FOR FLOOR AND BASE). CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING. 2'-0" X 2'-0" SUSPENDED ACOUSTICAL TILE SET IN 2'-0" X 2'-0" WHITE GRID. (ALL ROOMS TO HAVE FLAT CEILINGS-SEE BUILDING SECTIONS)
E	FLOOR: BASE: WALLS: CEILING:	CONCRETE, SMOOTH FINISH- NOT POLISHED NO BASE CMU BLOCK WITH BLOCK FILLER AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING. NO CEILING

THIS SECTION OF CORRIDOR SHALL BE CONSTRUCTED OF 8" CMU WALLS (TYPE WT-3) TO 10'-8" WITH LIGHT GAUGE METAL STUD WALLS ABOVE THE CMU. THE CMU WALLS SHALL BE FROM SLAB UP TO THE LEVEL AS SHOWN ON THE BLDG. SECTIONS. 1 HOUR RATED LIGHT GAUGE STEEL STUD WALLS (TYPE WT-8) SHALL BE PROVIDED ABOVE THE CMU TO ROOF DECK AND SEALED TO THE DECK TO PROVIDE A 1 HR RATING FOR THIS SECTION OF CORRIDOR

THIS SECTION OF CORRIDOR SHALL BE CONSTRUCTED OF 8" CMU WALLS (TYPE WT-3) TO 10'-8" WITH LIGHT GAUGE METAL STUD WALLS ABOVE THE CMU. THE CMU WALLS SHALL BE FROM SLAB UP TO THE LEVEL AS SHOWN ON THE BLDG. SECTIONS. 1 HOUR RATED LIGHT GAUGE STEEL STUD WALLS (TYPE WT-8) SHALL BE PROVIDED ABOVE THE CMU TO ROOF DECK AND SEALED TO THE DECK TO PROVIDE A 1 HR RATING FOR THIS SECTION OF CORRIDOR



ANDREW HICKS ARCHITECT
ARCHITECTS
NO. C-1500
12-27-2020
ARKANSAS

ARCHITECT OF RECORD
ANDREW F. HICKS

A NEW CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3803-002
FOR
HILLCREST SCHOOL DISTRICT.
LYNN SCHOOL CAMPUS, LYNN ARKANSAS

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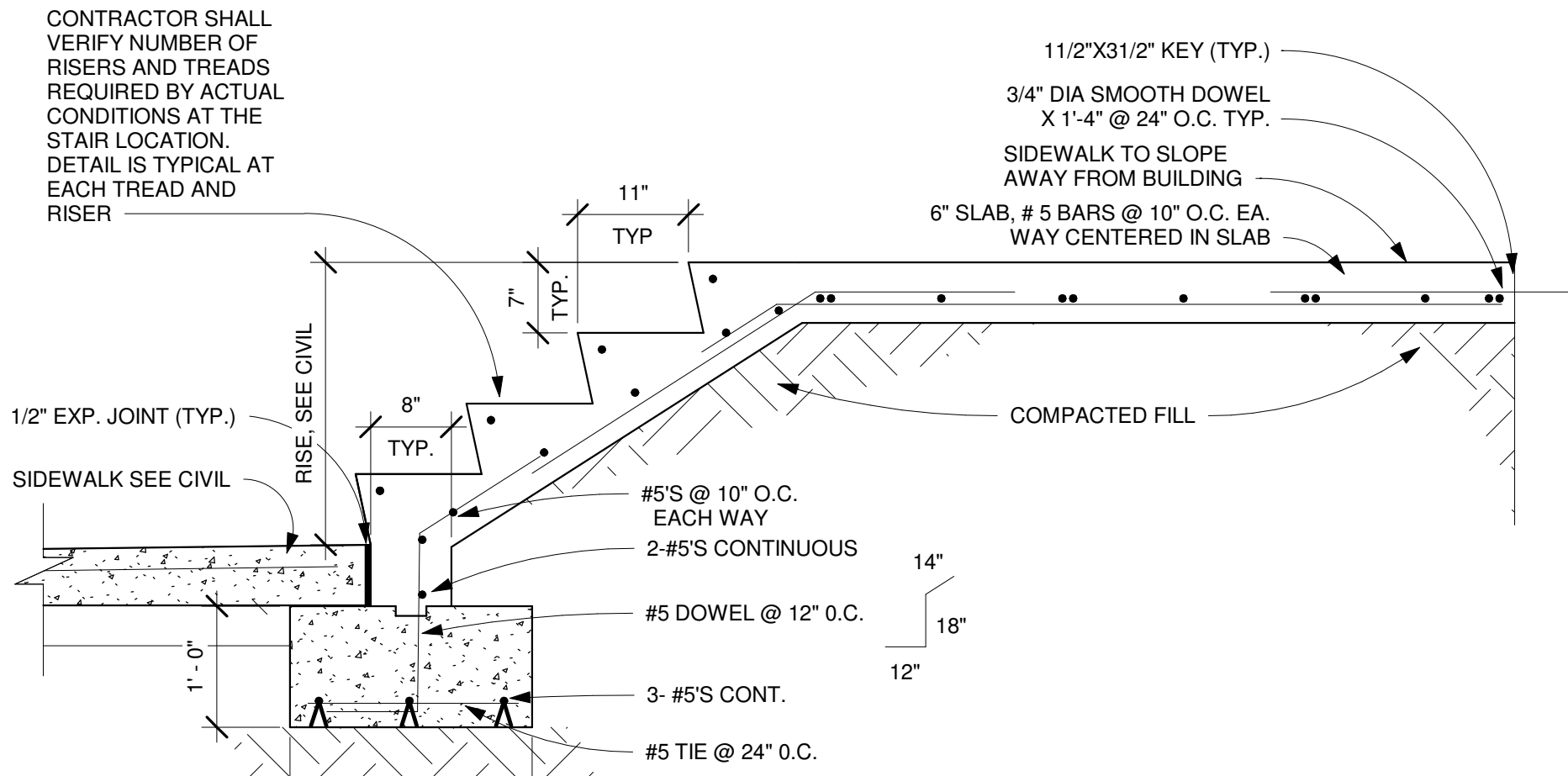
ISSUE DATE: 12-27-2020

REVISIONS

NO.	DATE

WALL TYPE / ROOM FINISH AND LIFE SAFETY PLAN

A100



3 CONCRETE STAIR DETAIL, TYPICAL
3/4" = 1'-0"

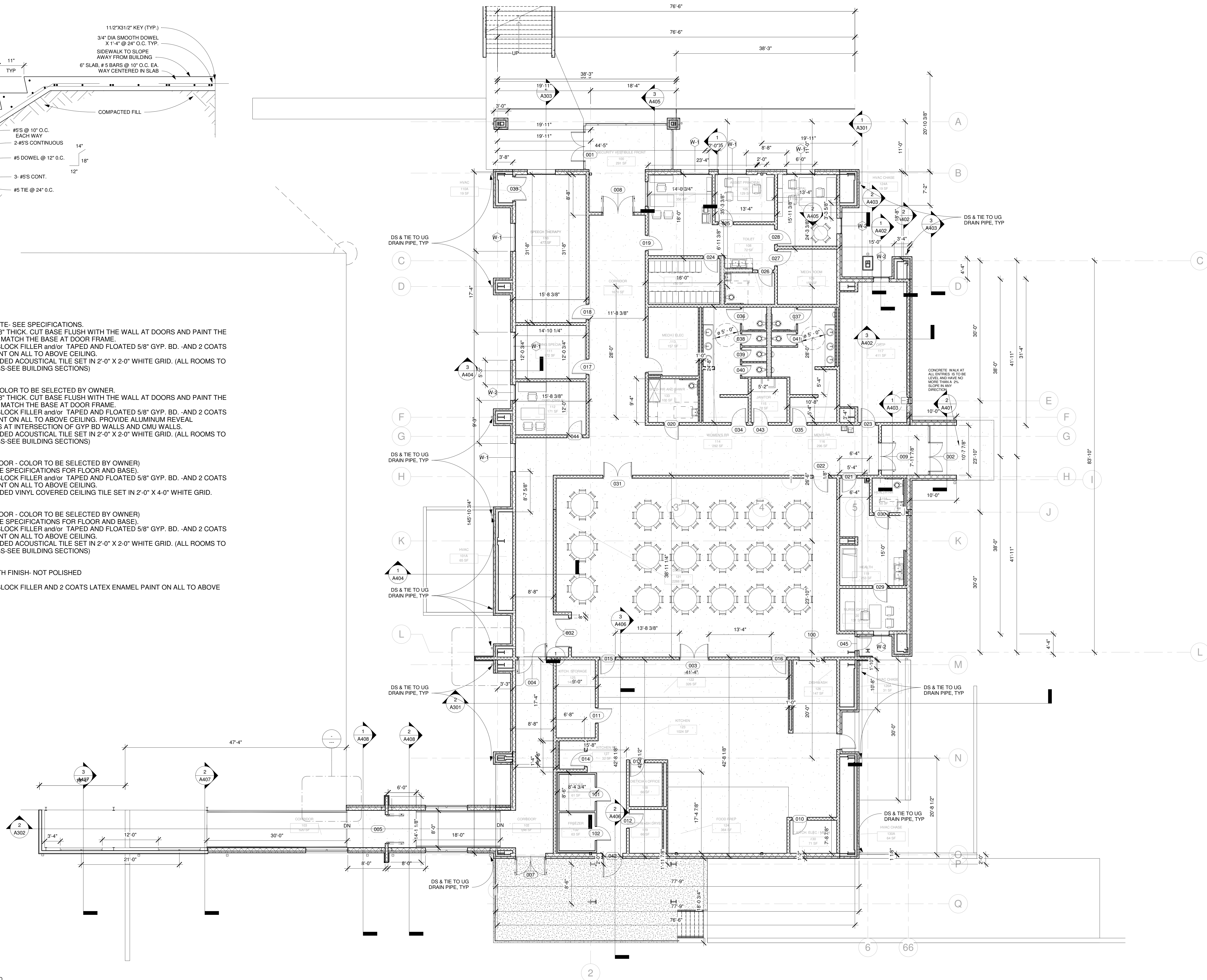
FINISH LEGEND

- A** FLOOR: POLISHED CONCRETE- SEE SPECIFICATIONS.
BASE: 4" RUBBER BASE 1/8" THICK. CUT BASE FLUSH WITH THE WALL AT DOORS AND PAINT THE BLOCK RETURN TO MATCH THE BASE AT DOOR FRAME.
WALLS: CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING.
CEILING: 2'-0" X 2'-0" SUSPENDED ACOUSTICAL TILE SET IN 2'-0" X 2'-0" WHITE GRID. (ALL ROOMS TO HAVE FLAT CEILINGS-SEE BUILDING SECTIONS)
- B** FLOOR: 12" SQUARE VCT-COLOR TO BE SELECTED BY OWNER.
BASE: 4" RUBBER BASE 1/8" THICK. CUT BASE FLUSH WITH THE WALL AT DOORS AND PAINT THE BLOCK RETURN TO MATCH THE BASE AT DOOR FRAME.
WALLS: CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING. PROVIDE ALUMINUM REVEAL TRANSITION STRIPS AT INTERSECTION OF GYP BD WALLS AND CMU WALLS.
CEILING: 2'-0" X 2'-0" SUSPENDED ACOUSTICAL TILE SET IN 2'-0" X 2'-0" WHITE GRID. (ALL ROOMS TO HAVE FLAT CEILINGS-SEE BUILDING SECTIONS)
- C** FLOOR: POURED EPOXY FLOOR - COLOR TO BE SELECTED BY OWNER)
BASE: 6" EPOXY BASE (SEE SPECIFICATIONS FOR FLOOR AND BASE).
WALLS: CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING.
CEILING: 2'-0" X 4'-0" SUSPENDED VINYL COVERED CEILING TILE SET IN 2'-0" X 4'-0" WHITE GRID.
- D** FLOOR: POURED EPOXY FLOOR - COLOR TO BE SELECTED BY OWNER)
BASE: 6" EPOXY BASE (SEE SPECIFICATIONS FOR FLOOR AND BASE).
WALLS: CMU BLOCK WITH BLOCK FILLER and/or TAPED AND FLOATED 5/8" GYP. BD. -AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING.
CEILING: 2'-0" X 2'-0" SUSPENDED ACOUSTICAL TILE SET IN 2'-0" X 2'-0" WHITE GRID. (ALL ROOMS TO HAVE FLAT CEILINGS-SEE BUILDING SECTIONS)
- E** FLOOR: CONCRETE, SMOOTH FINISH- NOT POLISHED
BASE: NO BASE
WALLS: CMU BLOCK WITH BLOCK FILLER AND 2 COATS LATEX ENAMEL PAINT ON ALL TO ABOVE CEILING.
CEILING: NO CEILING

FINISH LEGEND
12" = 1'-0"

- FINISH NOTES**
1. CMU INTERIOR WALLS THAT ARE INDICATED TO BE PAINTED ON FINISH SCHEDULE ARE TO BE BLOCK FILLED AND PRIMED AND PAINTED (MIN. TWO COATS) WITH LATEX ENAMEL FINISH.
2. GYP BD. WALLS THAT ARE INDICATED TO BE PAINTED ON FINISH SCHEDULE ARE TO BE TAPED, FLOATED, PRIMED AND PAINTED (MIN. TWO COATS) WITH LATEX EGGSHELL FINISH.
3. SEE REFLECTED CEILING PLAN FOR CEILING GRID LAYOUT AND CEILING HEIGHTS IN EACH ROOM
4. ALL COLORS WILL BE SELECTED BY THE OWNER UNLESS OTHERWISE NOTED ON PLANS OR SPECIFIED IN THE SPECIFICATIONS. ALL HEAT CLOSETS, UTILITY CLOSETS ETC. WILL RECEIVE THE SAME ROOM FINISH AS THE ROOM THEY ARE LOCATED IN UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR WILL PROVIDE CURRENT MATERIAL SAMPLES AND COLOR CHARTS TO THE OWNER FOR THEIR SELECTION. DO NOT PROVIDE OUTDATED SAMPLES AND OR COLOR CHARTS FOR SELECTIONS.

2 FINISH NOTES
12" = 1'-0"



1 DIMENSIONED FLOOR PLAN
1/8" = 1'-0"

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12-27-2020
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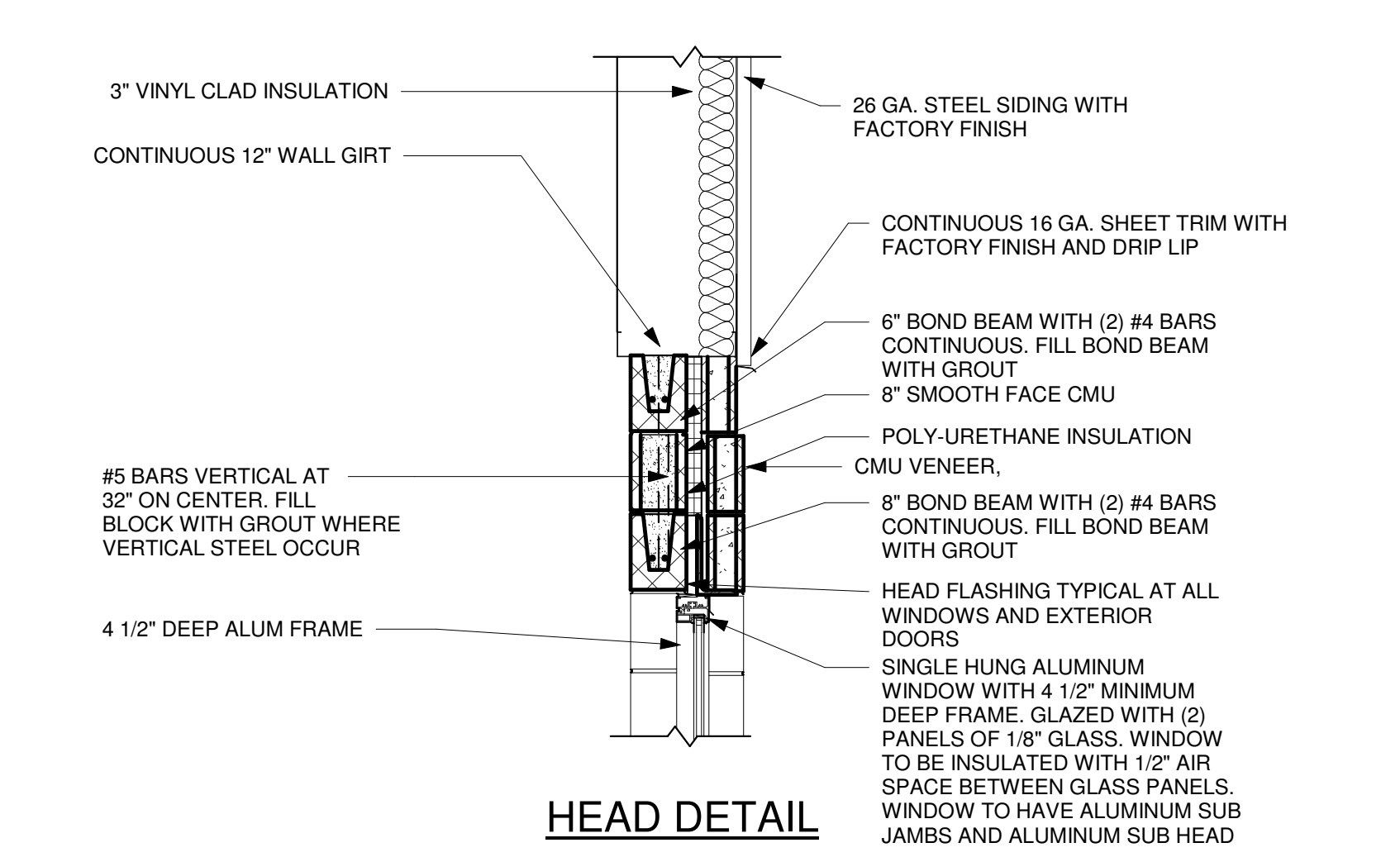
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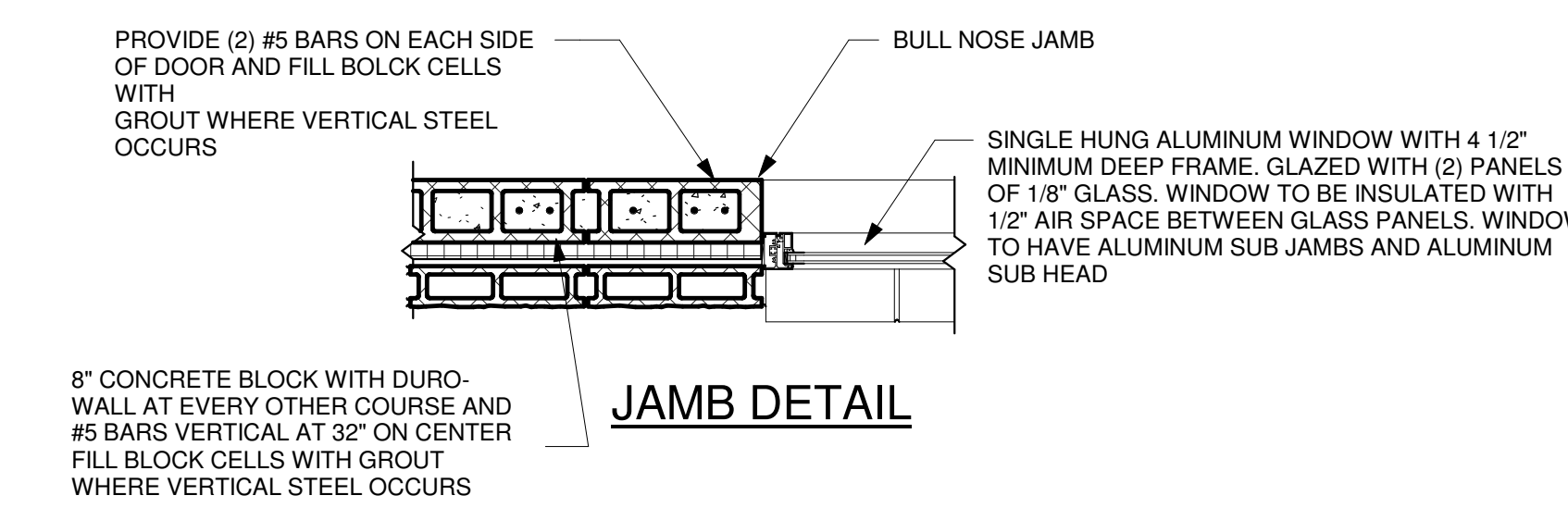
NO.	DATE

FLOOR PLAN-DIMENSIONS DOORS AND WINDOWS

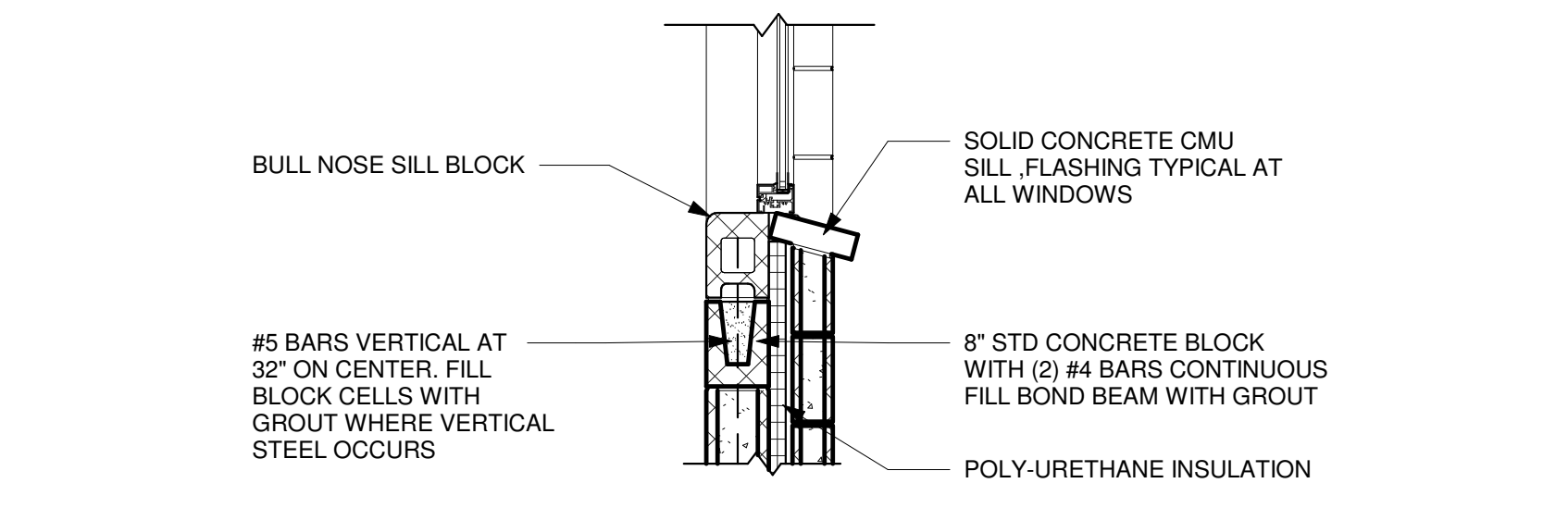
A101



HEAD DETAIL

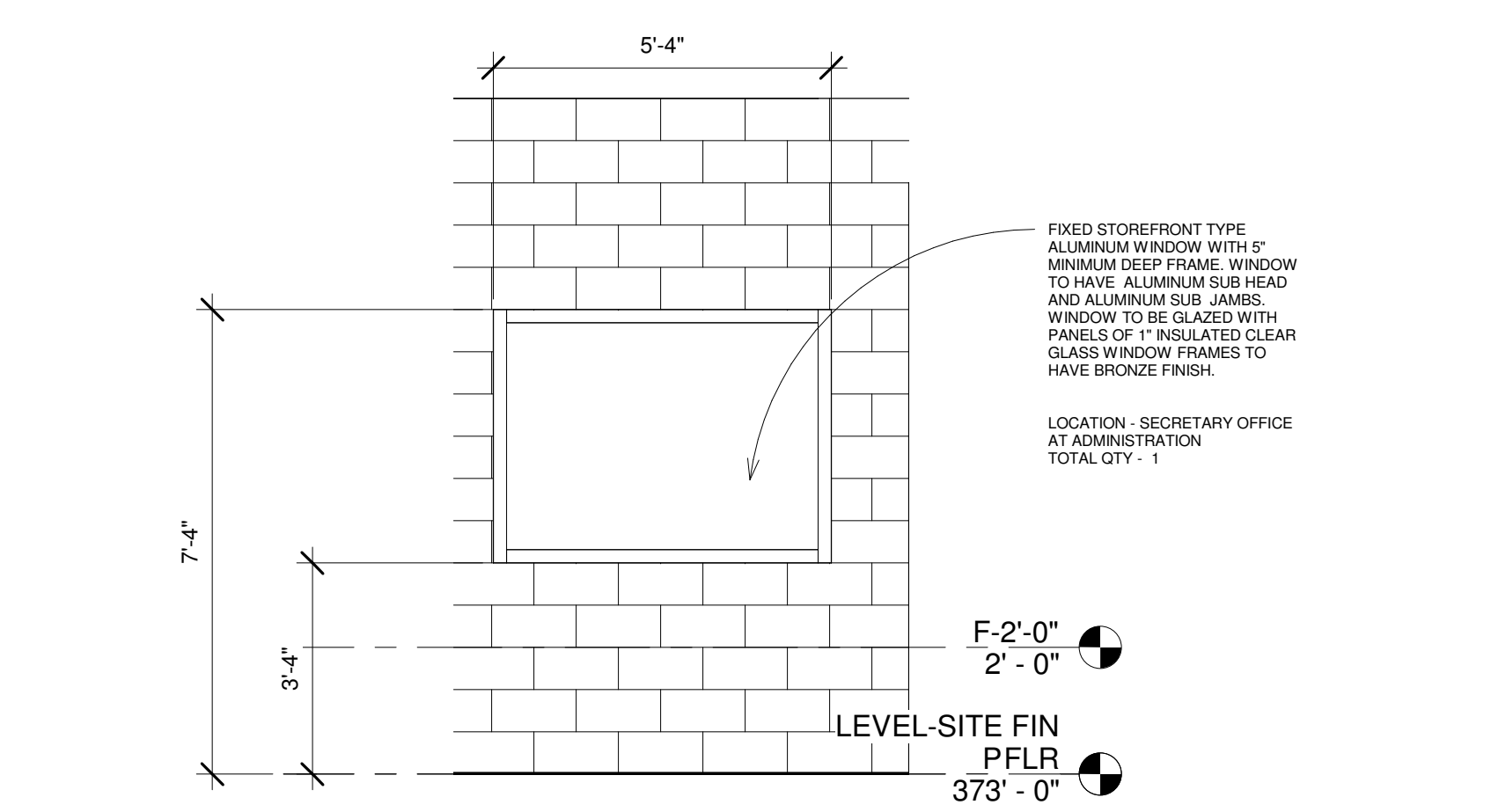


JAMB DETAIL

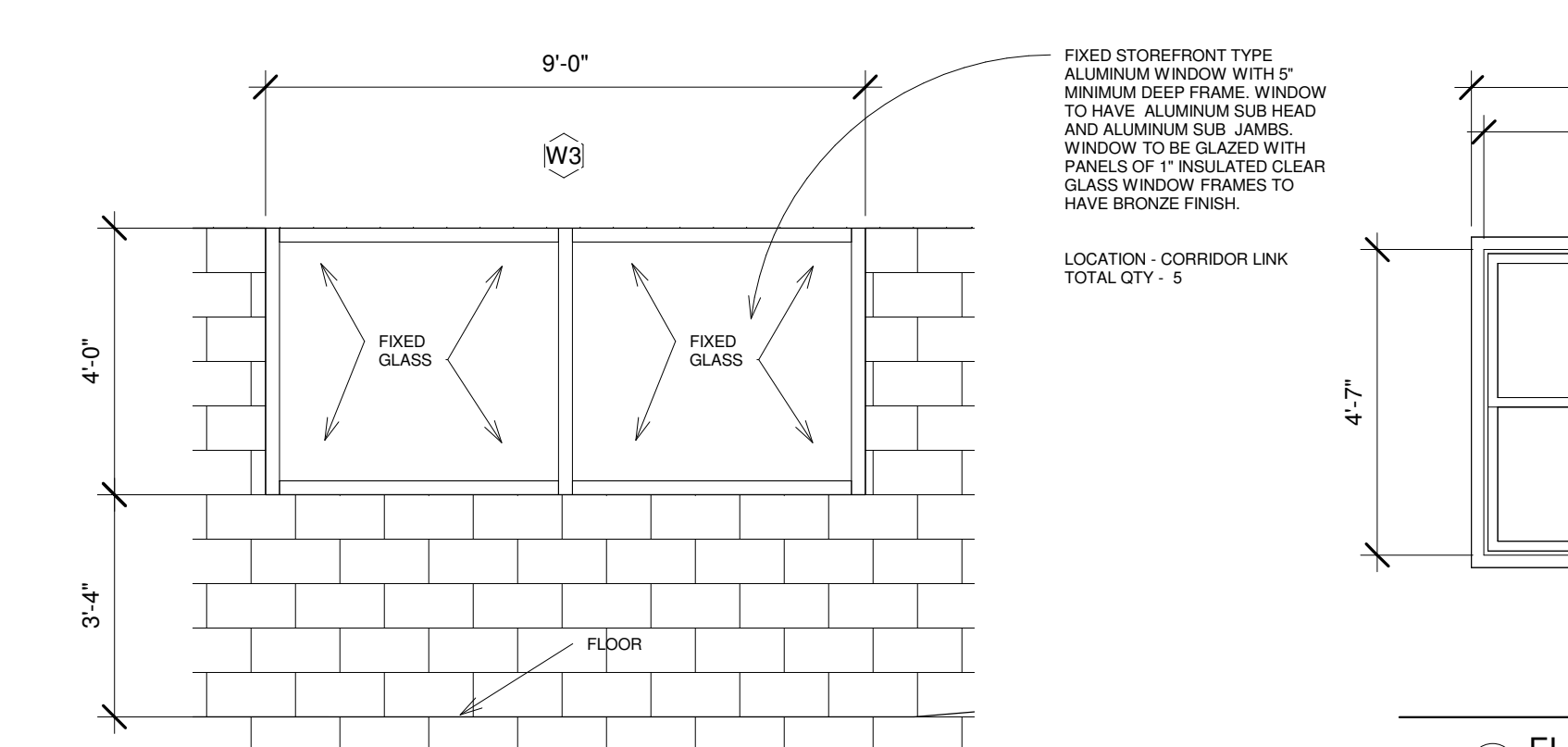


SILL DETAIL

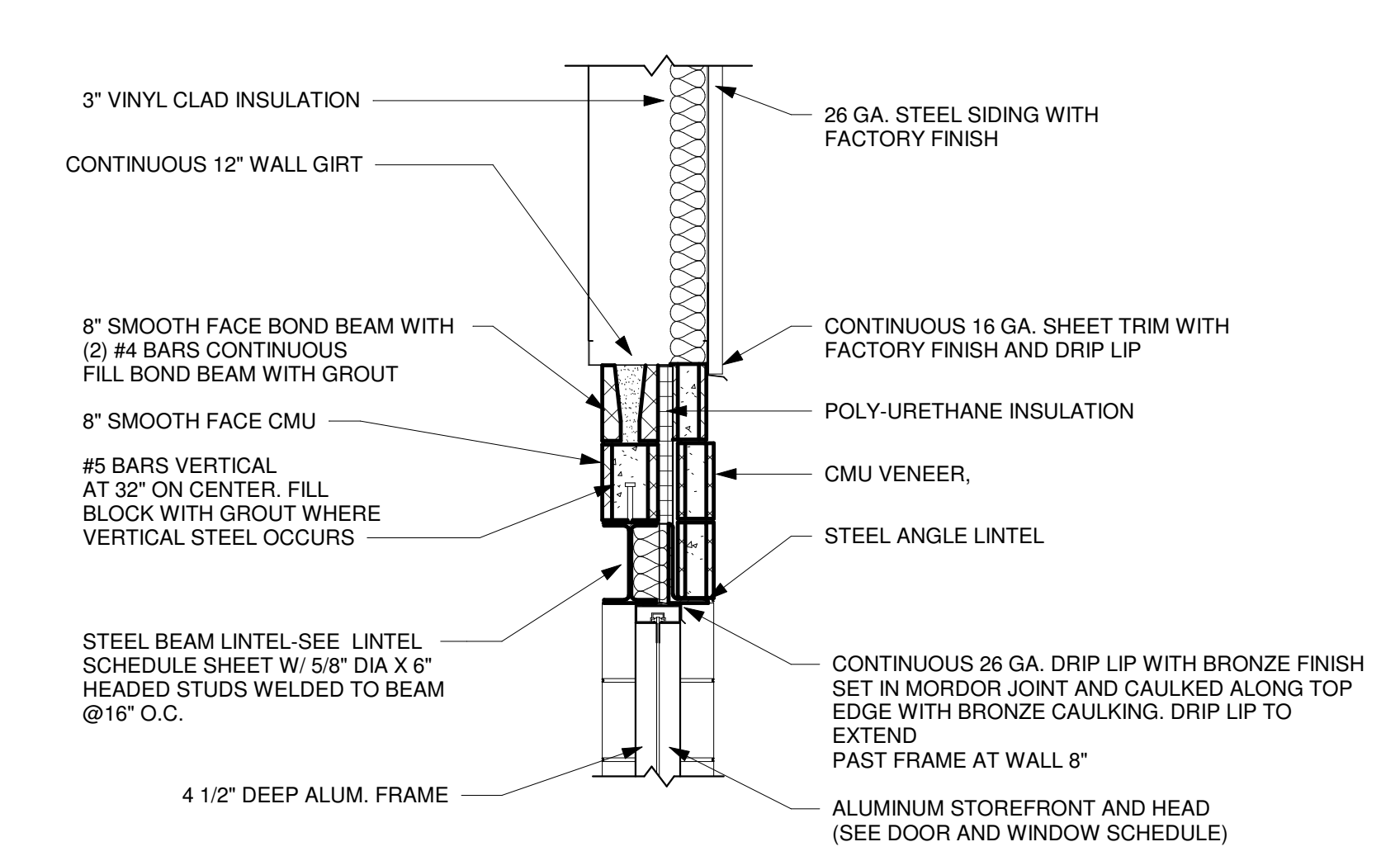
A-HEAD/JAMB DETAIL TYP. SINGLE HUNG ALUMINUM WINDOW IN 8" CMU WALL WITH CMU VENEER
3/4" = 1'-0"



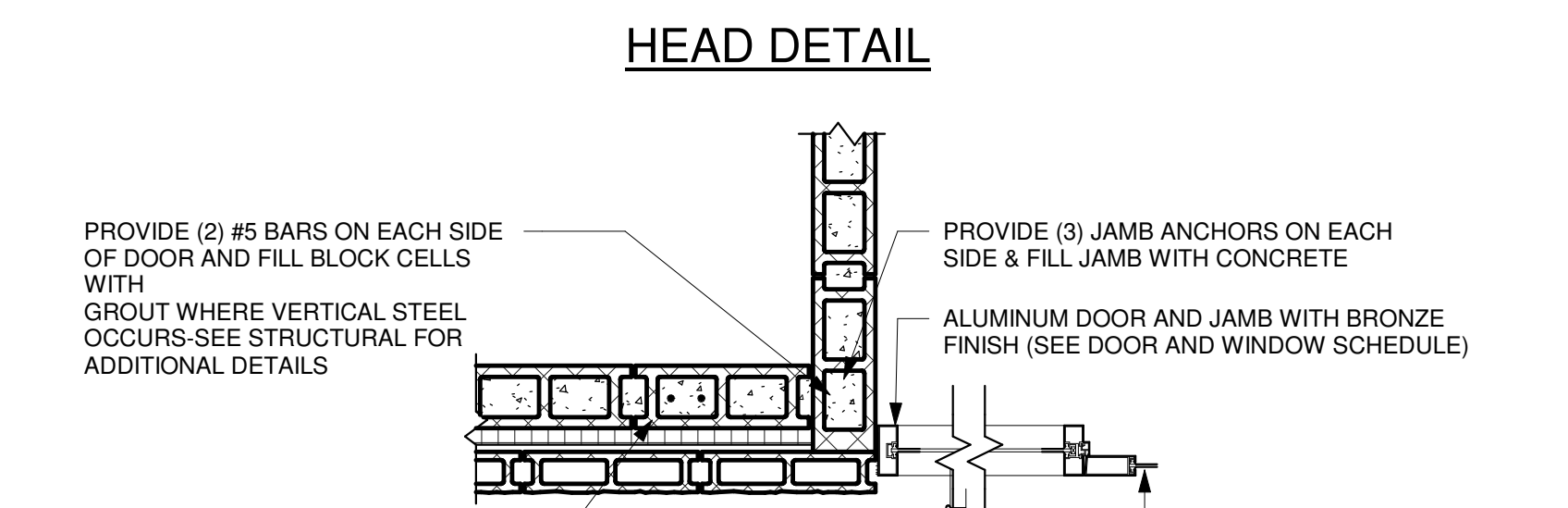
ELEVATION- INTERIOR SECURITY WINDOW AT ADMINISTRATION
3/8" = 1'-0"



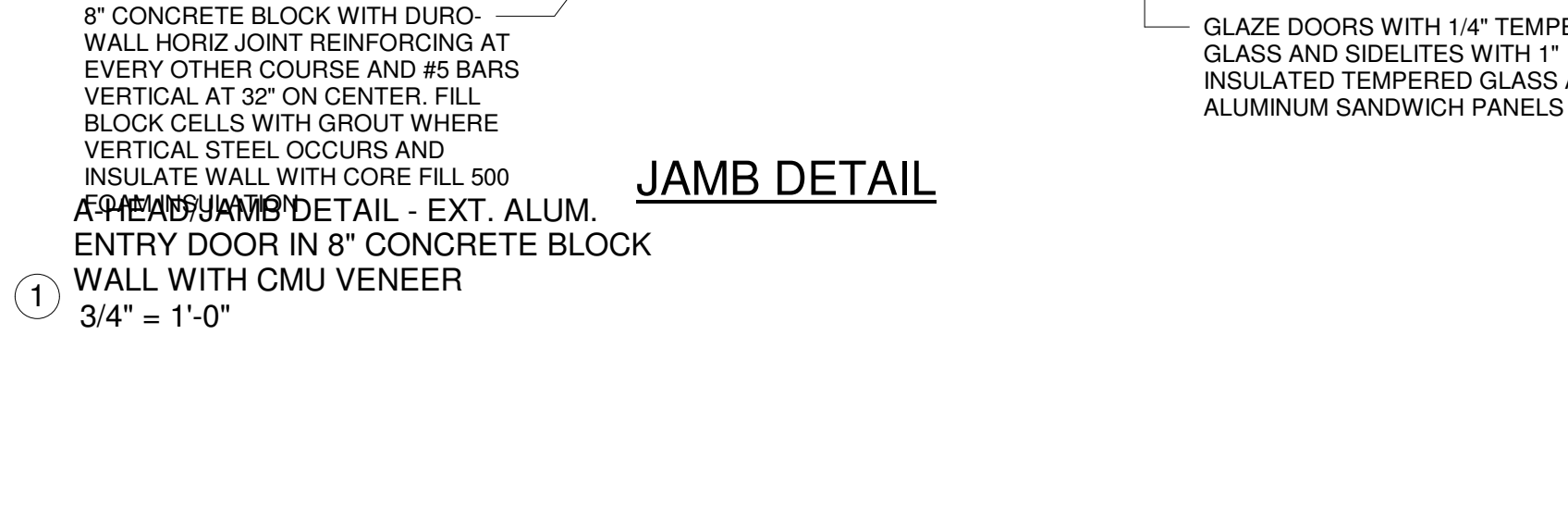
ELEVATION-TYPICAL FIXED WINDOW AT LINK
3/8" = 1'-0"



HEAD DETAIL

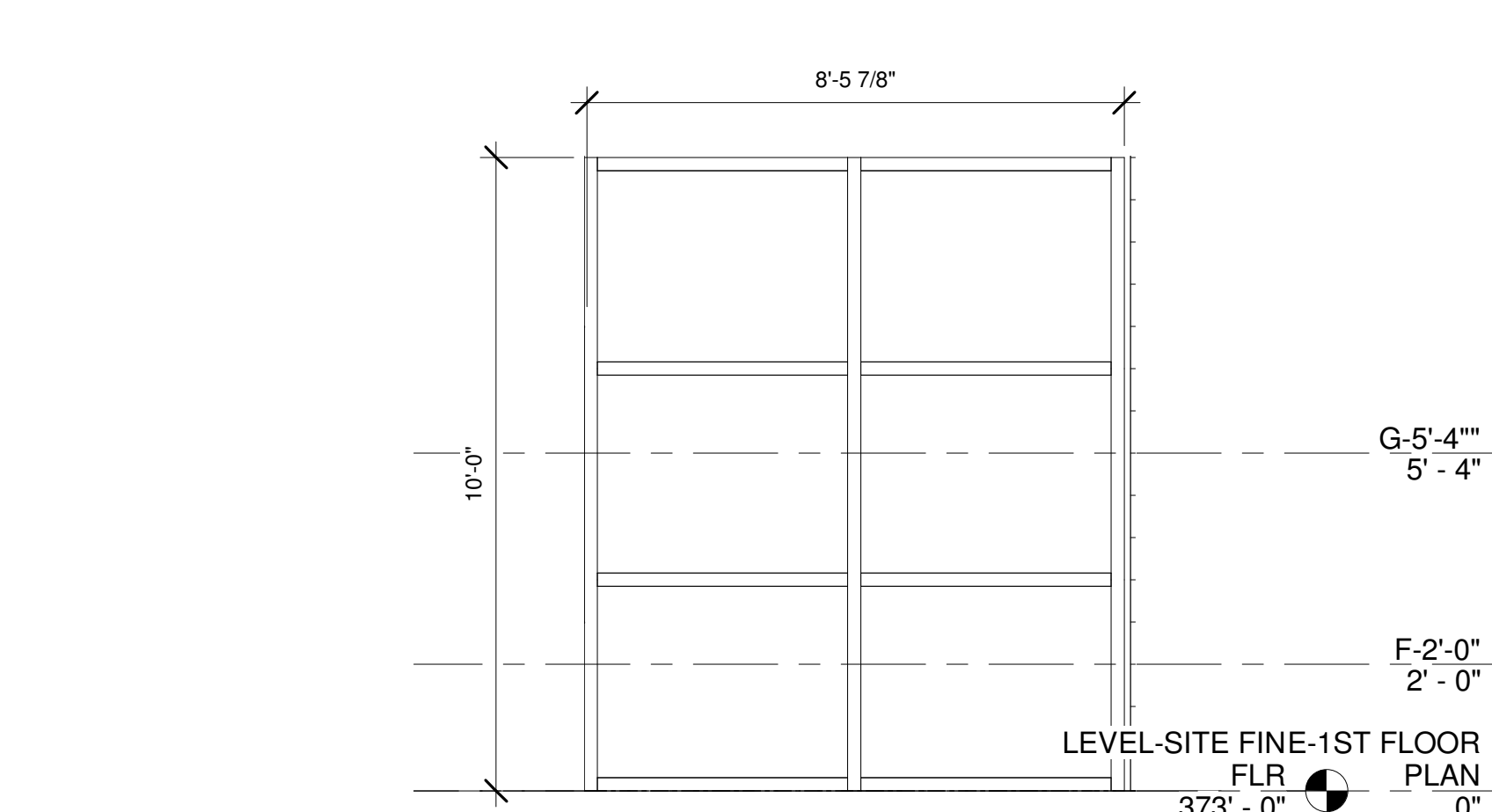


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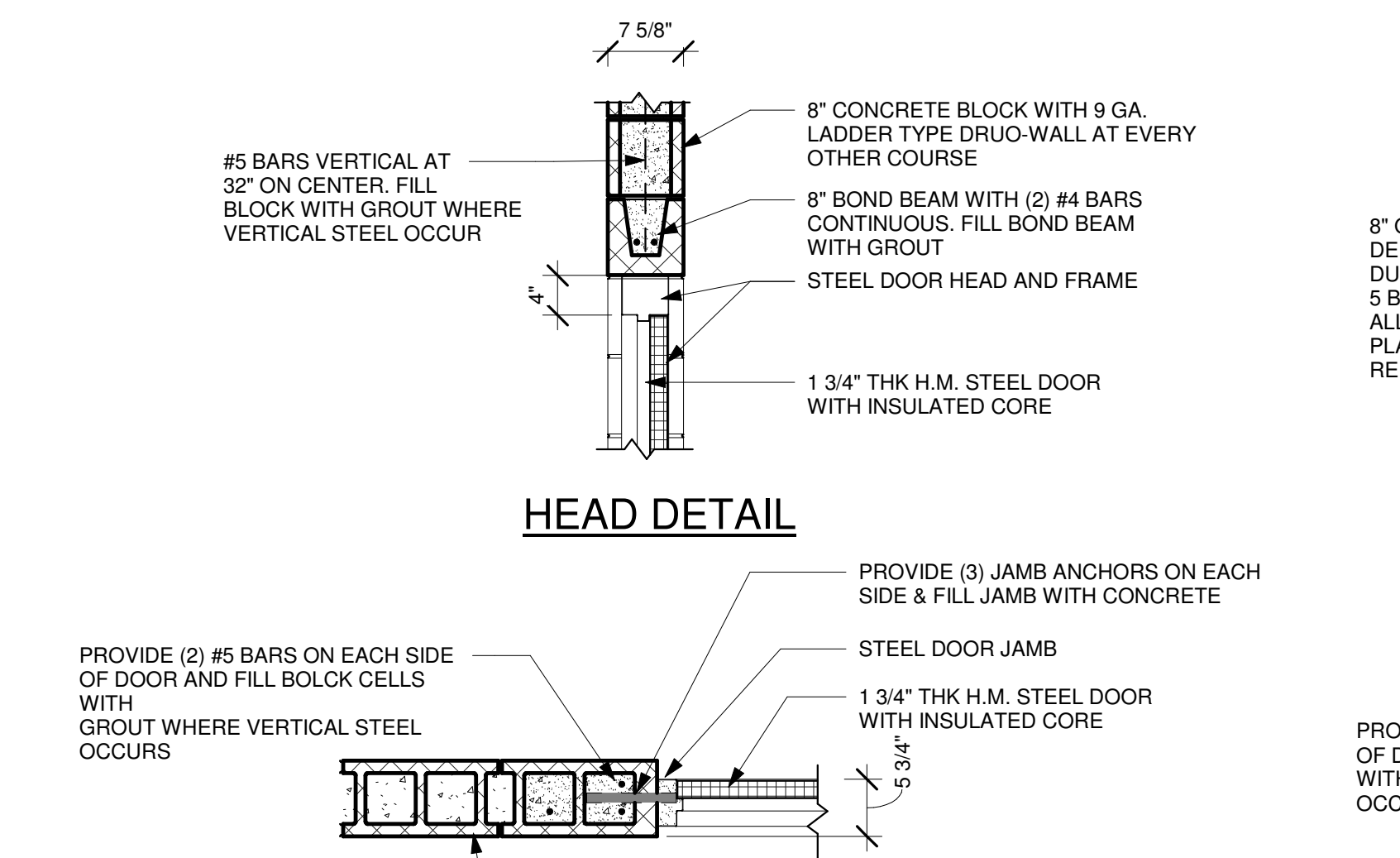


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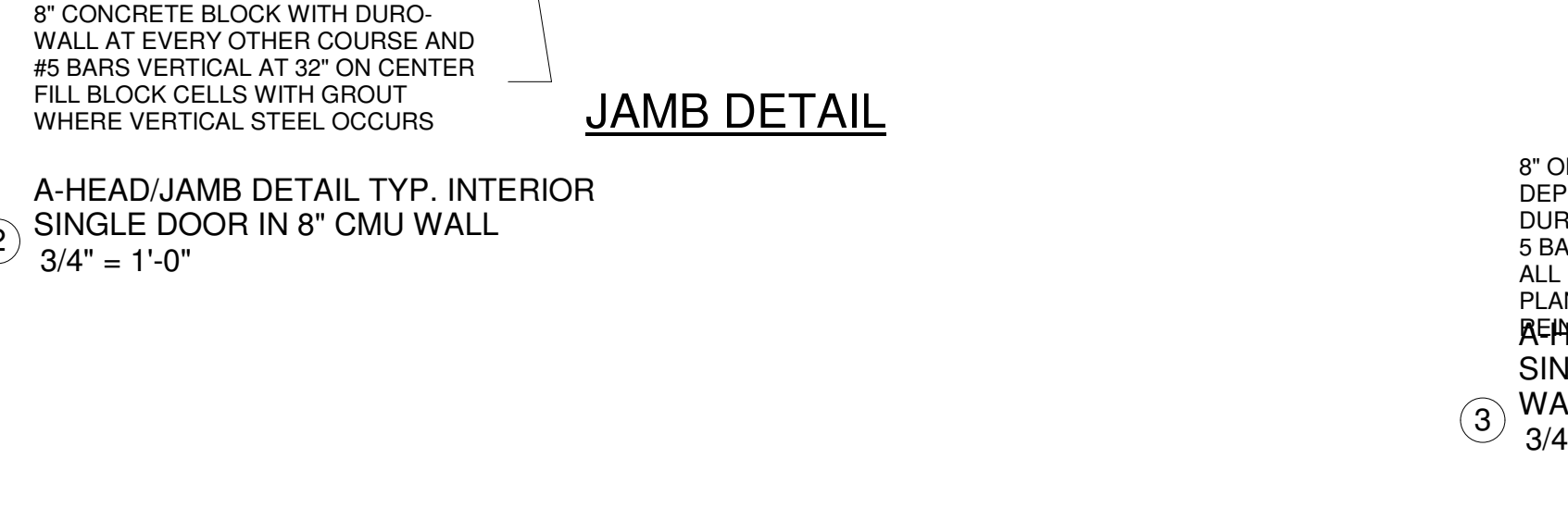
A-HEAD/JAMB DETAIL - EXT. ALUM. ENTRY DOOR IN 8" CONCRETE BLOCK WALL WITH CMU VENEER
3/4" = 1'-0"



ELEVATION-FRONT ENTRY C
3/8" = 1'-0"



HEAD DETAIL

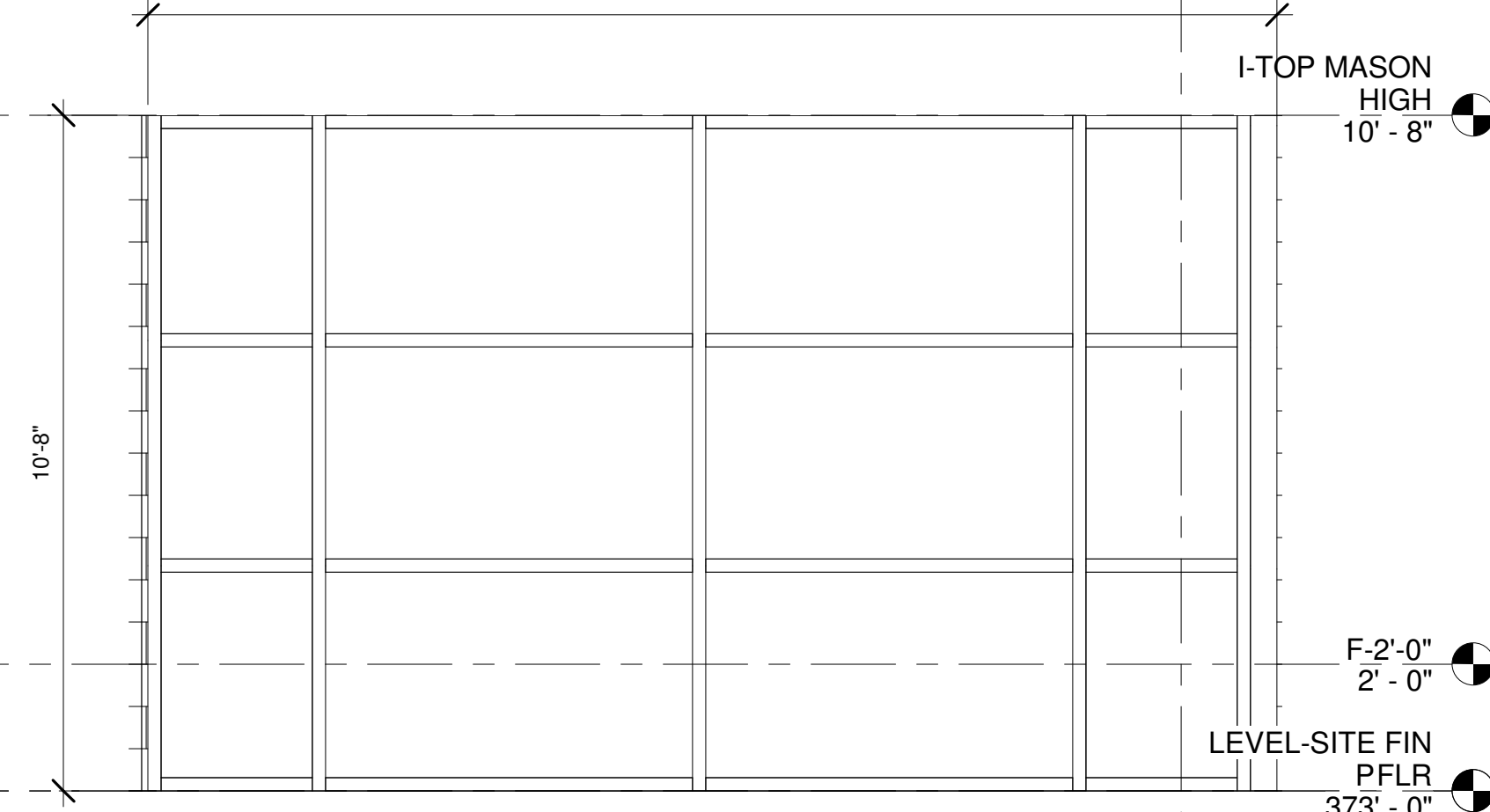


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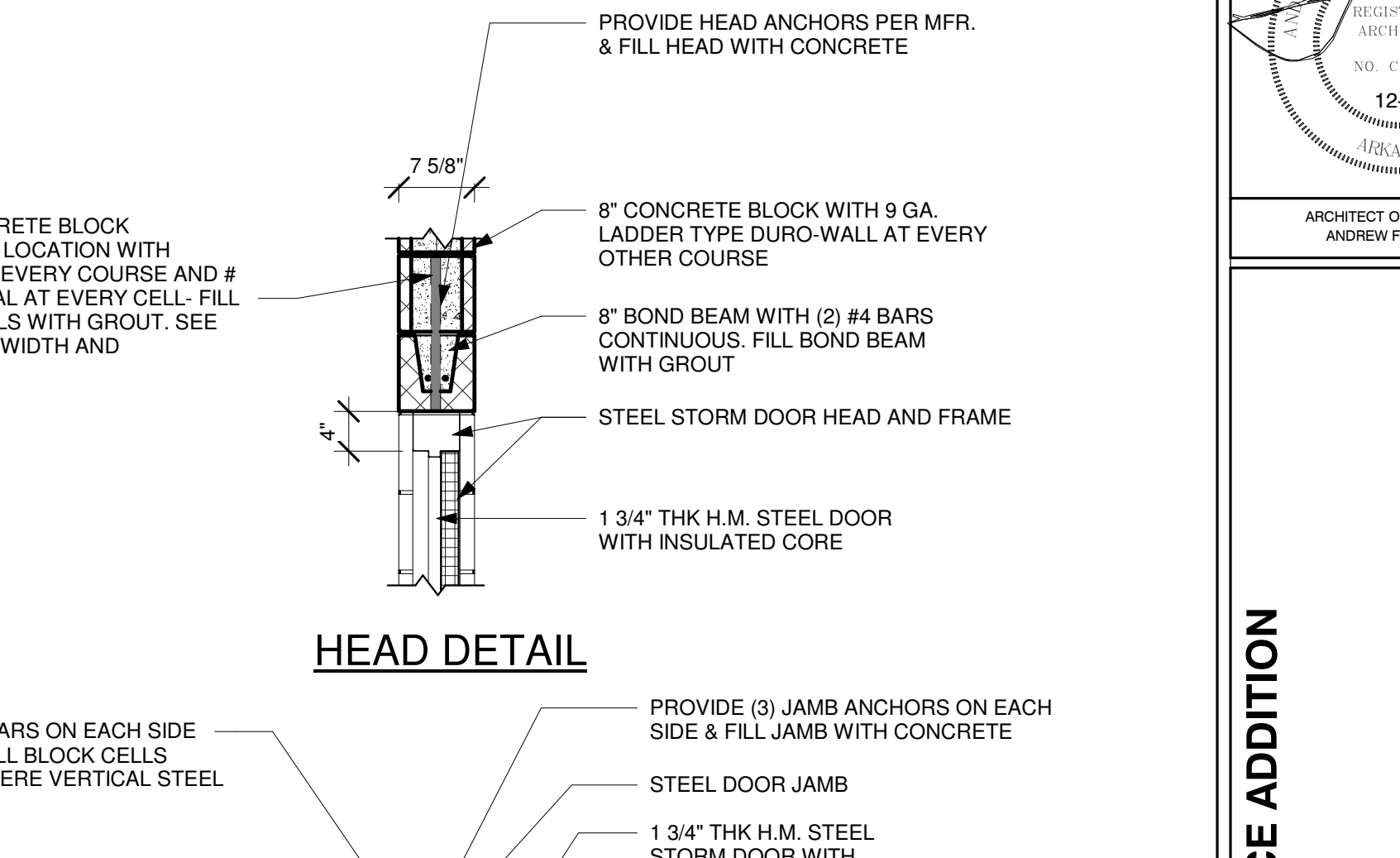


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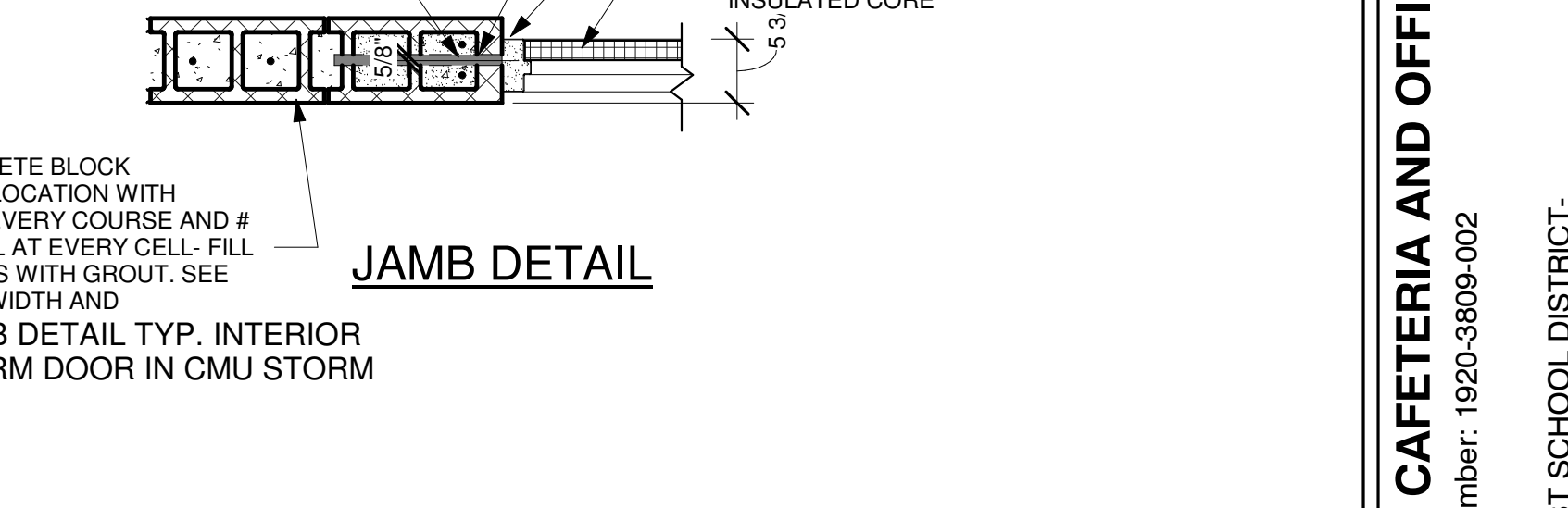
A-HEAD/JAMB DETAIL TYP. INTERIOR SINGLE DOOR IN 8" CMU WALL
3/4" = 1'-0"



ELEVATION-FRONT ENTRY-B
3/8" = 1'-0"



HEAD DETAIL

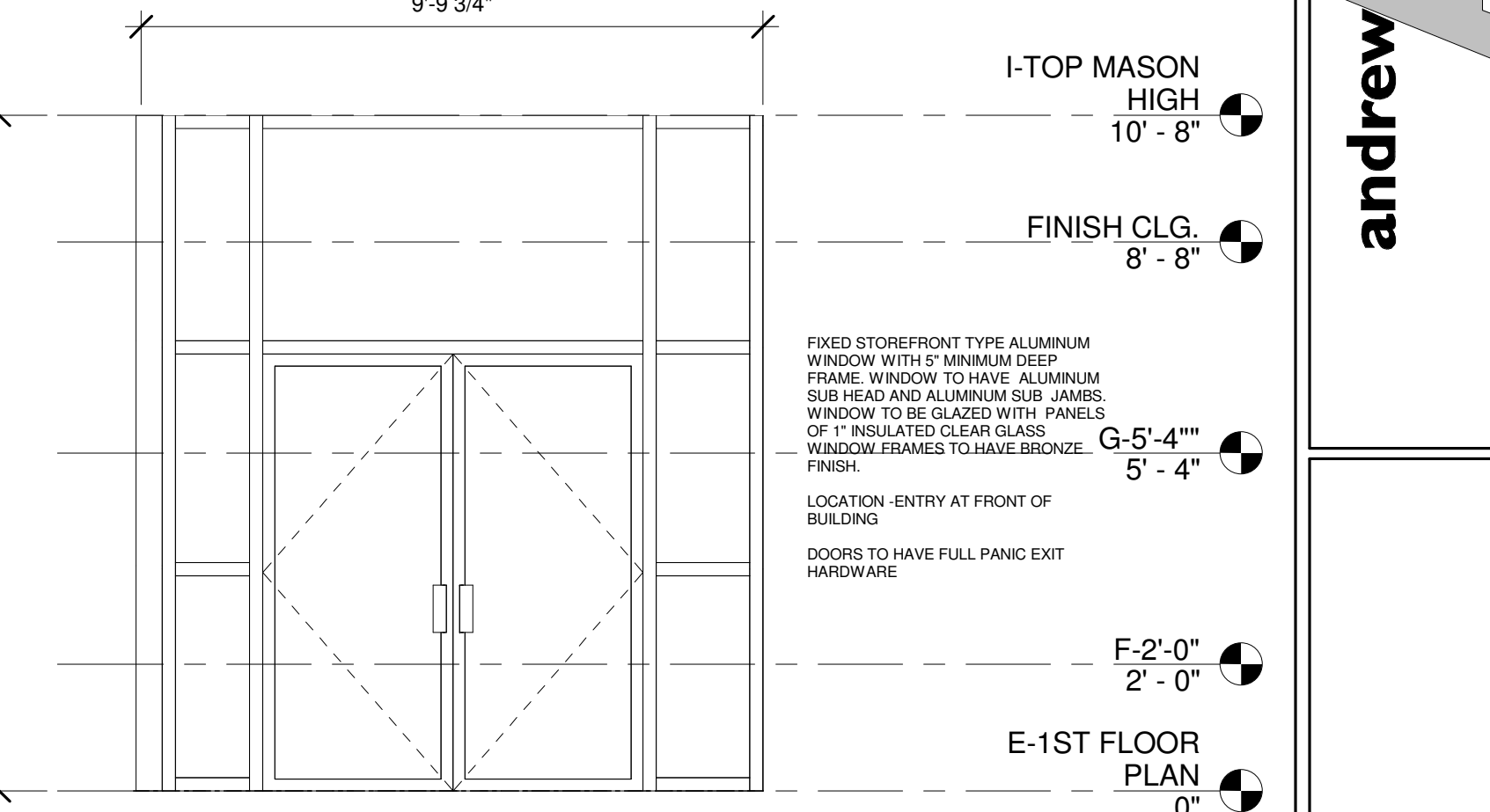


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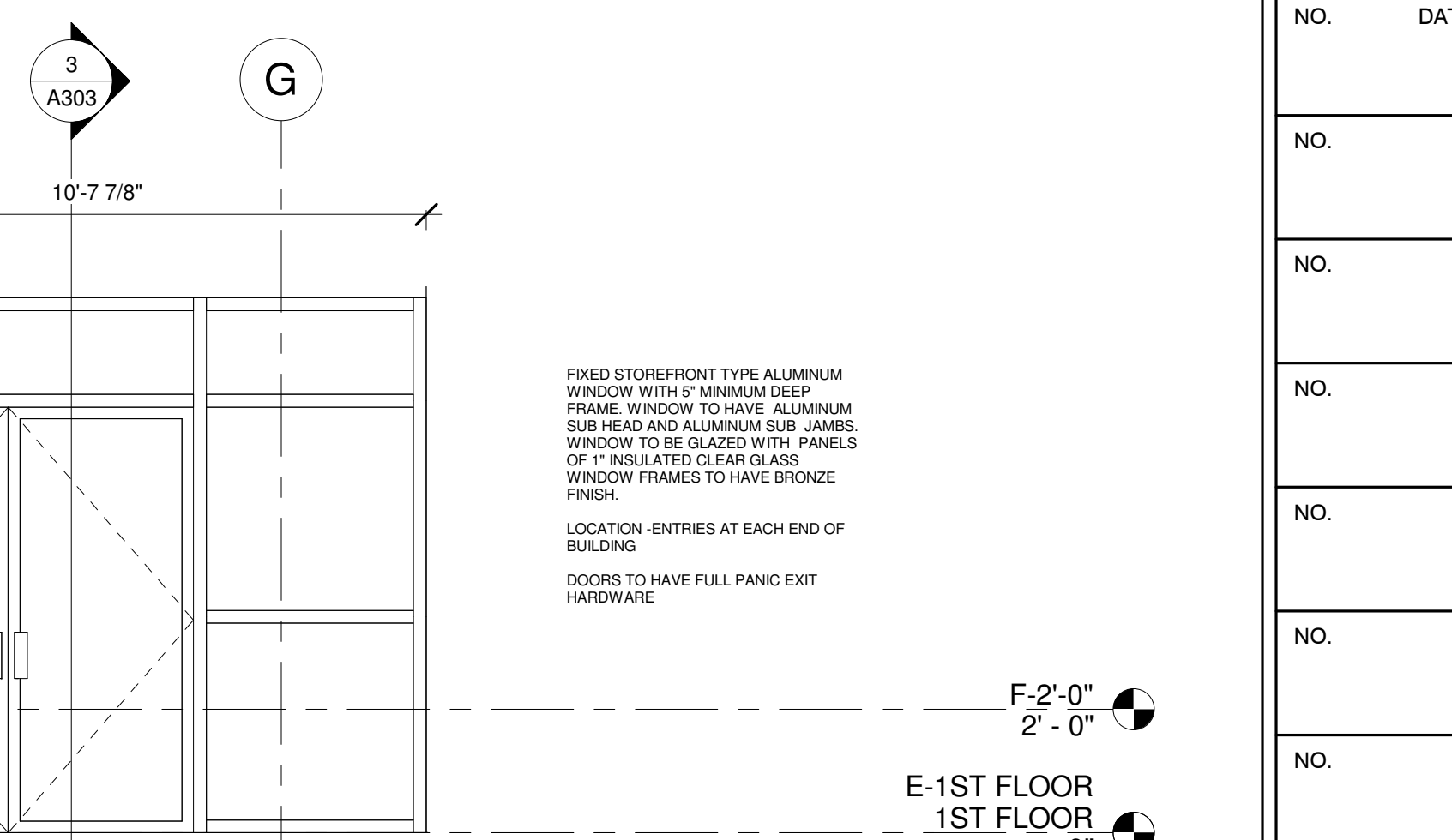


JAMB DETAIL

A-HEAD/JAMB DETAIL TYP. INTERIOR SINGLE STORM DOOR IN CMU STORM WALL
3/4" = 1'-0"



ELEVATION-FRONT ENTRY DOOR-A
3/8" = 1'-0"



ELEVATION- SIDE ENTRY DOOR-A
3/8" = 1'-0"

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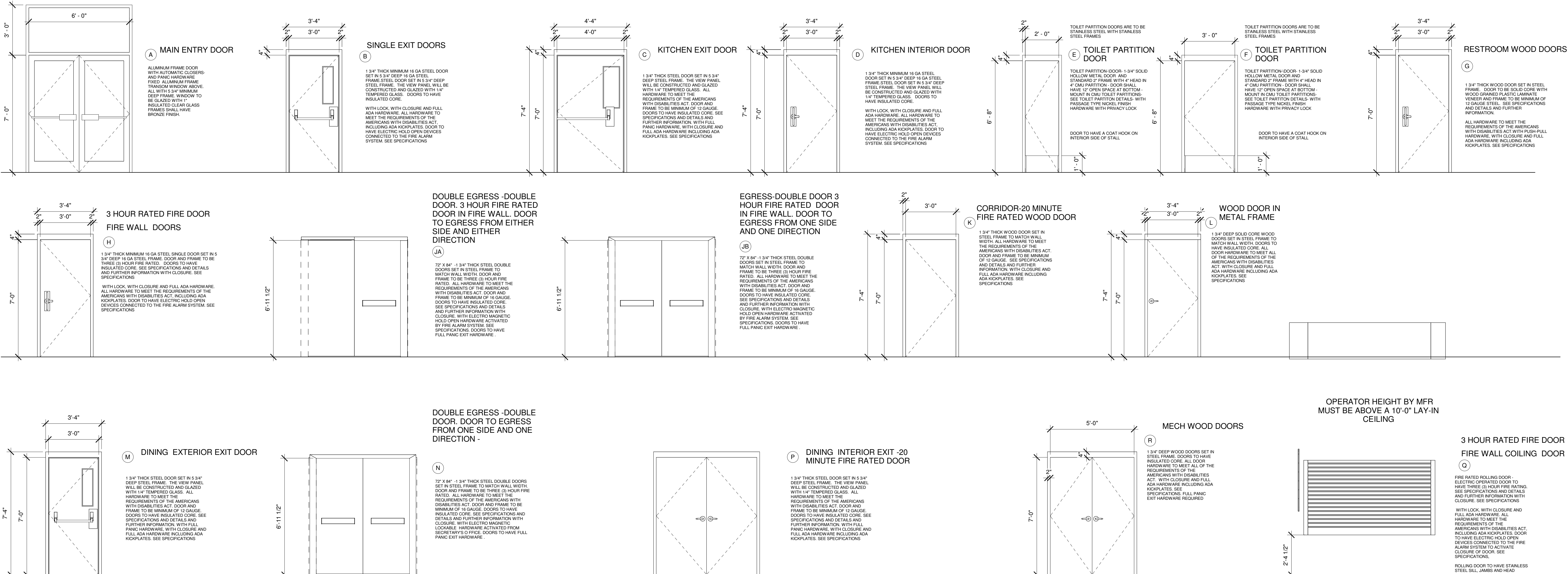
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NO.	DATE

WINDOW LEGEND AND OPENING DETAILS

A102

DOOR SCHEDULE- ALL DOORS TO HAVE AUTOMATIC CLOSERS						
TYPE	NO.	Type	WIDTH	HEIGHT	THK	FIRE RATING
A	001	STORE FRONT DOUBLE DOOR	6'-0"	6'-10 3/4"	1 3/4"	NONE
A	002	STORE FRONT DOUBLE DOOR	6'-0"	6'-10 3/4"	1 3/4"	NONE
J	003	6'-0" x 7'-0" INTERIOR METAL 3 HOUR FIRE RATED DOUBLE DOOR WITH 3 HOUR RATED FRAME	6'-0"	7'-0"	1 3/4"	3 HR
JA	004	HOLLOW METAL DOUBLE EGRESS-OPPOSING SWING- 3 HR RATED FIRE DOORS WITH AUTOMATIC HOLD OPEN DEVICES AND AUTOMATIC CLOSERS	0"	0"	0"	3 HR
JB	005	HOLLOW METAL EGRESS 3 HR RATED DOUBLE FIRE DOORS WITH AUTOMATIC HOLD OPEN DEVICES AND AUTOMATIC CLOSERS	0"	0"	0"	3 HR
B	006	U-EXTERIOR 36" X 84" HOLLOW METAL W/ METAL FRAME AND VISION PANEL AND PANIC HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
N	007	SECURE ENTRY DOOR WITH AUTOMATIC LOCKS CONTROLLED FROM SECRETARY OFFICE	0"	0"	0"	NONE
N	008	SECURE ENTRY DOOR WITH AUTOMATIC LOCKS CONTROLLED FROM SECRETARY OFFICE	0"	0"	0"	NONE
N	009	SECURE ENTRY DOOR WITH AUTOMATIC LOCKS CONTROLLED FROM SECRETARY OFFICE	0"	0"	0"	NONE
D	010	U-INTERIOR 36" X 84" HOLLOW METAL W/ METAL FRAME AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
D	011	U-INTERIOR 36" X 84" HOLLOW METAL W/ METAL FRAME AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
D	012	U-INTERIOR 36" X 84" HOLLOW METAL W/ METAL FRAME AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
D	013	U-INTERIOR 36" X 84" HOLLOW METAL W/ METAL FRAME AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
D	014	U-INTERIOR 36" X 84" HOLLOW METAL W/ METAL FRAME AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
H	015	INTERIOR 36" X 84" 3 HR FIRE RATED HOLLOW METAL W/ METAL FRAME AND WITH LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	3 HR
H	016	INTERIOR 36" X 84" 3 HR FIRE RATED HOLLOW METAL W/ METAL FRAME AND WITH LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	3 HR
K	017	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
K	018	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
K	019	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
K	020	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
K	021	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
K	022	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
K	023	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
L	024	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
L	025	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
L	026	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
L	027	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
L	028	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
L	029	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
L	030	3'-0" x 7'-0" - WOOD DOOR WITH METAL FRAME IN 8" CMU WALL	3'-0"	7'-0"	1 3/4"	NONE
P	031	INTERIOR DOUBLE WOOD DOOR 6'-0" x 7'-0" WITH HM FRAME TO MATCH WALL THICKNESS- WITH 20 MINUTE FIRE RATING AND WITH LOCKABLE HARDWARE 2	6'-0"	7'-0"	1 3/4"	
P	032	INTERIOR DOUBLE WOOD DOOR 6'-0" x 7'-0" WITH HM FRAME TO MATCH WALL THICKNESS- WITH 20 MINUTE FIRE RATING AND WITH LOCKABLE HARDWARE 2	6'-0"	7'-0"	1 3/4"	
R	033	INTERIOR DOUBLE WOOD DOOR 5'-0" x 7'-0" WITH HM FRAME TO MATCH WALL THICKNESS- WITH LOCKABLE HARDWARE	5'-0"	7'-0"	1 3/4"	NONE
G	034	INTERIOR 36" X 84" SOLID CORE WOOD W/ METAL FRAME -20 MINUTE FIRE RATED AND PUSH PULL HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
G	035	INTERIOR 36" X 84" SOLID CORE WOOD W/ METAL FRAME -20 MINUTE FIRE RATED AND PUSH PULL HARDWARE	3'-0"	7'-0"	1 3/4"	NONE
F	036	36" x 80" TOILET STALL DOOR	3'-0"	6'-8"	1 3/4"	NONE
F	037	36" x 80" TOILET STALL DOOR	3'-0"	6'-8"	1 3/4"	NONE
E	038	24" x 80" TOILET STALL DOOR	2'-0"	6'-8"	1 3/4"	NONE
E	039	24" x 80" TOILET STALL DOOR	2'-0"	6'-8"	1 3/4"	NONE
E	040	24" x 80" TOILET STALL DOOR	2'-0"	6'-8"	1 3/4"	NONE
E	041	24" x 80" TOILET STALL DOOR	2'-0"	6'-8"	1 3/4"	NONE
C	042	EXTERIOR 48" X 84" HOLLOW METAL W/ METAL FRAME, VISION PANEL, AND PANIC HARDWARE	4'-0"	7'-0"	1 3/4"	NONE
K	043	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE

DOOR SCHEDULE- ALL DOORS TO HAVE AUTOMATIC CLOSERS						
TYPE	NO.	Type	WIDTH	HEIGHT	THK	FIRE RATING
K	044	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE
M	045	EXTERIOR 32" X 84" HOLLOW METAL W/ METAL FRAME AND VISION PANEL AND PANIC HARDWARE	2'-8"	7'-0"	1 3/4"	
O	100	COILING FIRE DOOR- 5'-4" WIDTH	5'-4"	4'-5 1/2"	2"	3 HR
NA	101	NEW COOLER DOOR	3'-0"	7'-0"	1 3/4"	NONE
NA	102	NEW FREEZER DOOR	3'-0"	7'-0"	1 3/4"	NONE
K	103	INTERIOR 36" X 84" 20 MINUTE FIRE RATED-SOLID CORE WOOD W/ METAL FRAME AND CLOSER AND LOCKABLE HARDWARE	3'-0"	7'-0"	1 3/4"	20 MINUTE



ELEVATIONS- DOORS
3/8" = 1'-0"

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12-27-2020
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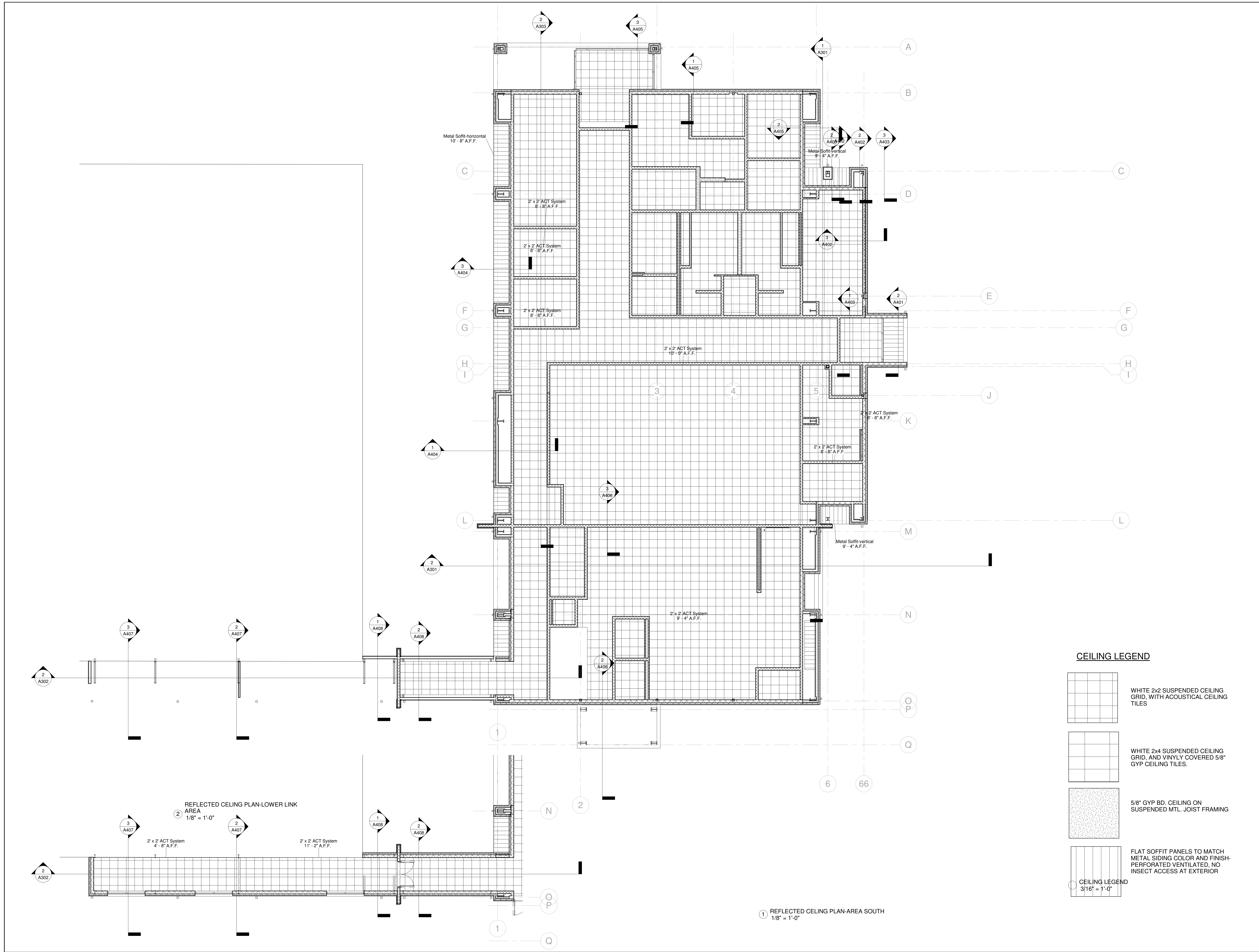
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NO.	DATE

DOORS SCHEDULE AND ELEVATIONS

A103



CEILING LEGEND

- WHITE 2x2 SUSPENDED CEILING GRID, WITH ACOUSTICAL CEILING TILES
 - WHITE 2x4 SUSPENDED CEILING GRID, AND VINYL COVERED 5/8" GYP CEILING TILES.
 - 5/8" GYP BD. CEILING ON SUSPENDED MTL. JOIST FRAMING
 - FLAT SOFFIT PANELS TO MATCH METAL SIDING COLOR AND FINISH. PERFORATED VENTILATED, NO INSECT ACCESS AT EXTERIOR
- CEILING LEGEND
3/16" = 1'-0"

ANDREW HICKS ARCHITECT

ARCHITECT

NO. C-250

12-27-2020

ARKANSAS

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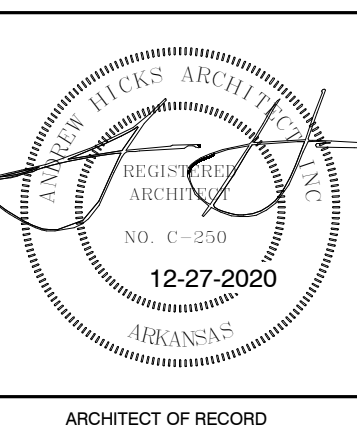
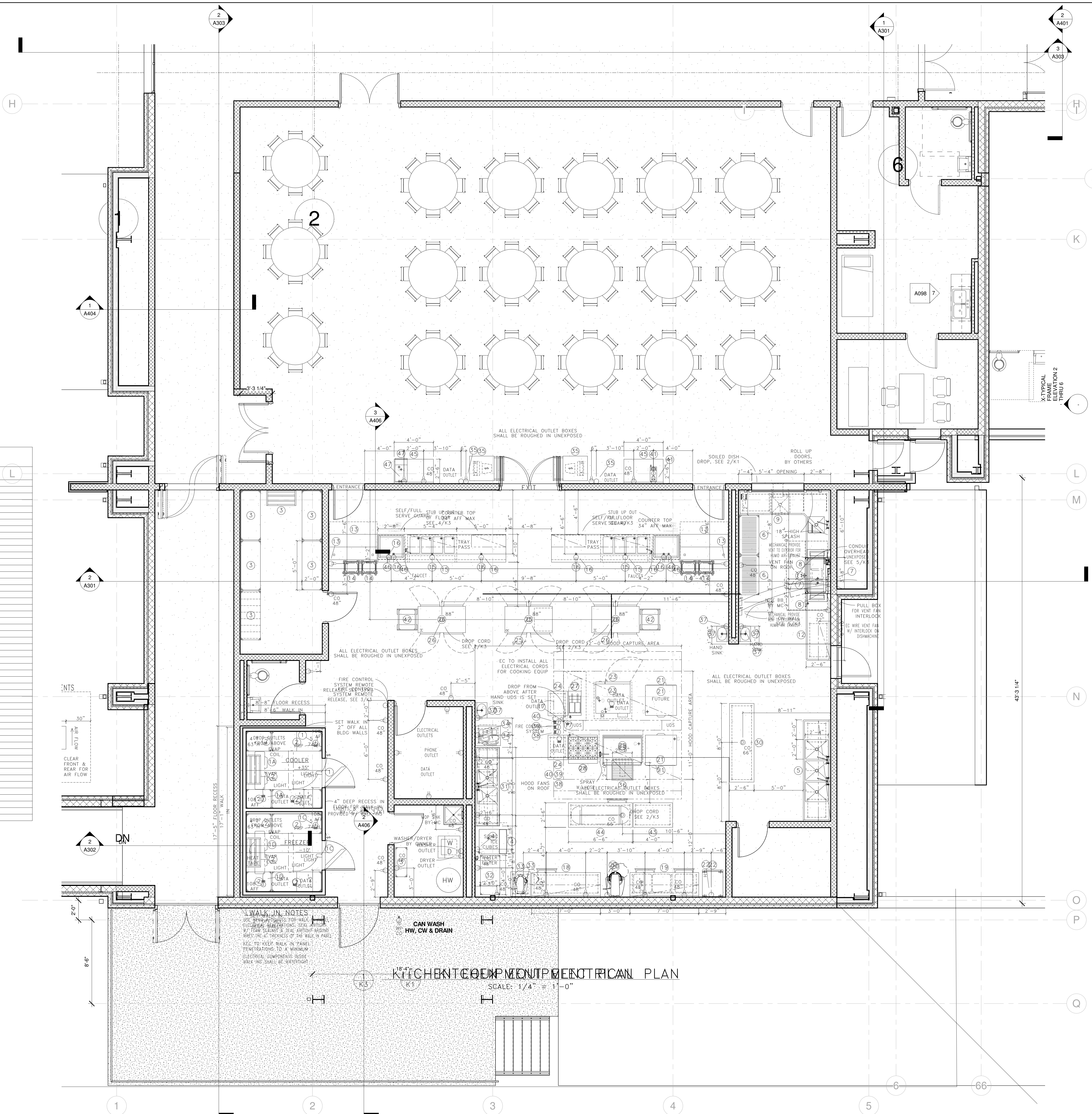
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REFLECTED CEILING PLAN-SOUTH AREA

A104

KITCHEN EQUIPMENT LIST			
NO	QTY	ITEM	REMARKS
1	1	WALK IN COOLER	SEE 3/K1
1A	1	WALK IN COOLER EVAPORATOR COIL	SEE 3/K1
1B	1	WALK IN COOLER CONDENSER	100° AMBIENT TEMPERATURE RATED
1C	1	WALK IN FREEZER	SEE 3/K1
10	1	WALK IN FREEZER EVAPORATOR COIL	SEE 3/K1
1E	1	WALK IN FREEZER CONDENSER	100° AMBIENT TEMPERATURE RATED
2	10	WALK IN SHELVING	
3	7	DRY STORAGE SHELVING	
4	1	ICE MAKER - SONIC ICE CUBES	W/ WATER FILTER - SONIC ICE CUBES
5	1	POT & PAN SINK	W/ OVERSHELF
6	2	DISH DRYING RACK	PORTABLE
7	1	BOOSTER HEATER	BUILT INTO DISHWASHER
8	1	DISHWASHER VENT	SEE 4/K1
9	1	SOILED DISHTABLE	W/ PRE RINSE FAUCET, SILVER CHUTE & SOAK SINK - SEE 2/K1
10	-	OMIT	
11	1	DISHWASHER	180° HOT WATER RINSE & TALL TANK
12	1	CLEAN DISHTABLE	W/ OVERSHELF
13	2	MILK COOLER	BY VENDOR
14	4	TRAY CART	PORTABLE
15	2	HOT FOOD COUNTER	W/ SNEEZE GUARD
16	4	FLAT TOP COUNTER	
17	1	UDS	BY MECHANICAL CONTRACTOR
18	1	TABLE	W/ DRAWER & OVERSHELF
19	1	BAKERS TABLE	W/ BINS, DRAWERS & OVERSHELF
20	1	40 QUART MIXER	
21	2	CONVECTION OVEN	DOUBLE STACK & PORTABLE - ONE FUTURE
22	1	HEATER/PROOFER CABINET	PORTABLE
23	1	COMB OVEN	
24	2	WORK TABLE	PORTABLE
25	1	REFRIGERATOR	PASS THRU & PORTABLE
26	2	HEATED CABINET	PASS THRU & PORTABLE
27	1	FRYER	
28	1	RANGE	W/ OVEN
29	1	BRAISING PAN	W/ SPRAY HOSE
30	1	WORK TABLE	
31	1	PREPARATION TABLE	W/ OVERSHELF
32	1	SHELF	PORTABLE
33	1	20 QUART MIXER	W/ PORTABLE STAND
34	1	SLICER	W/ PORTABLE STAND
35	2	CASHIER'S COUNTER	W/ TRAY SLIDE & PORTABLE
36	1	FLOOR TROUGH	SEE 3/K2
37	3	HAND SINK	BY MECHANICAL CONTRACTOR
38	1	HOOD	BY MECHANICAL CONTRACTOR
39	1	FIRE CONTROL SYSTEM	BY MECHANICAL CONTRACTOR
40	1	HOOD FANS	BY MECHANICAL CONTRACTOR
41	1	COFFEE BREWER	FUTURE
42	2	BUN PAN RACK	PORTABLE
43	1	TABLE	
44	1	COOK'S TABLE	W/ DRAWER & POT RACK
45	2	BEVERAGE TABLE	
46	2	HEATED MERCHANDISER	
47	1	ICE/WATER DISPENSER	FUTURE

2 KITCHEN-EQUIPMENT SCHEDULE
1/4" = 1'-0"



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Project Number: 1920-3809-002

FOR HILLCREST SCHOOL DISTRICT.

LYNN SCHOOL CAMPUS, LYNN, ARKANSAS

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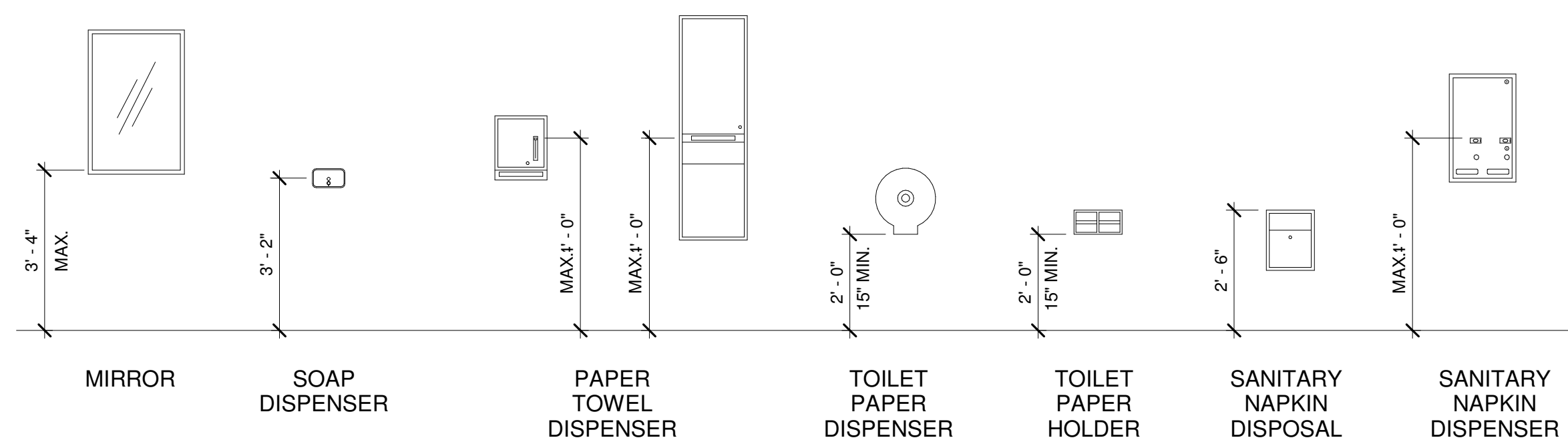
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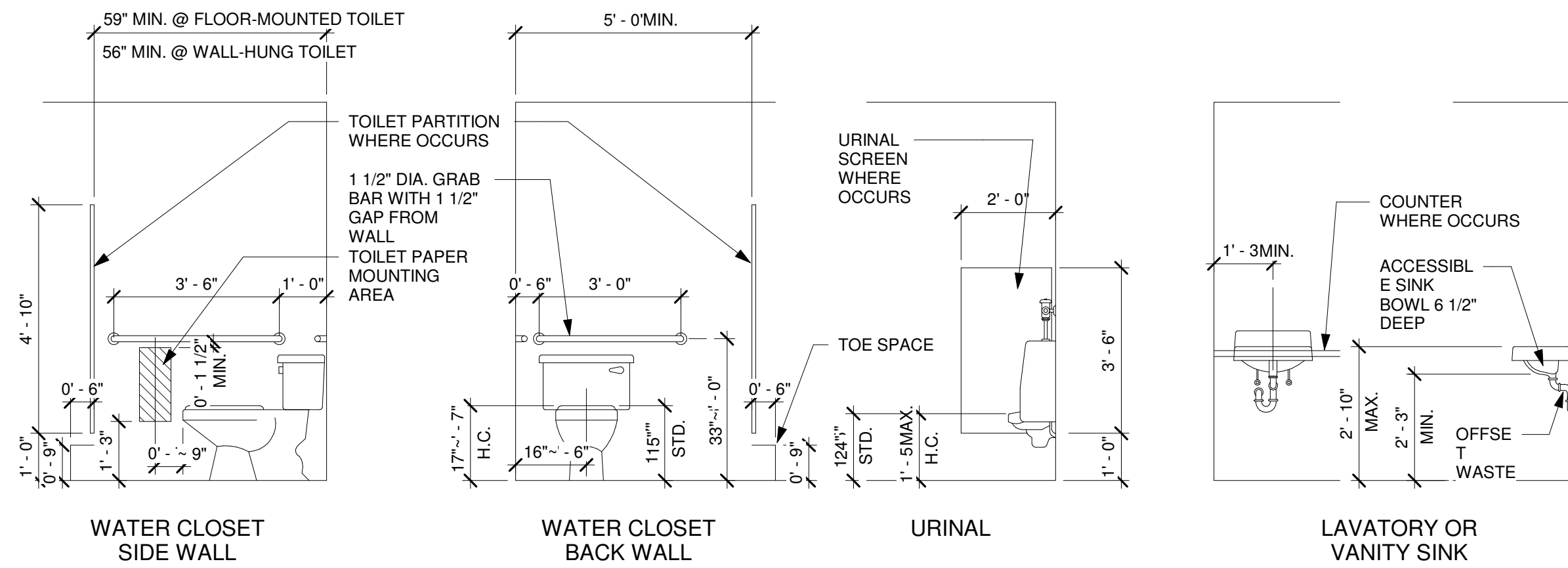
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ENLARGED KITCHEN AND NURSING PLAN

A105

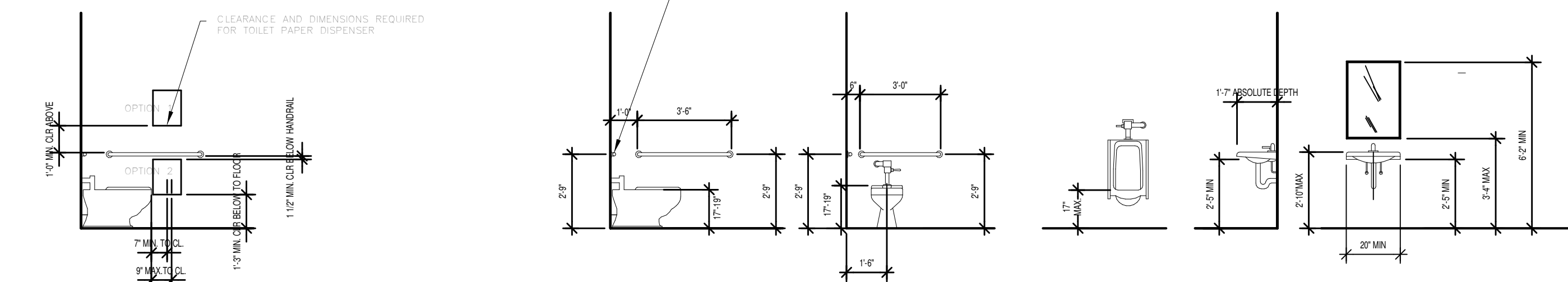


TYPICAL TOILET ACCESSORIES MOUNTING HEIGHTS

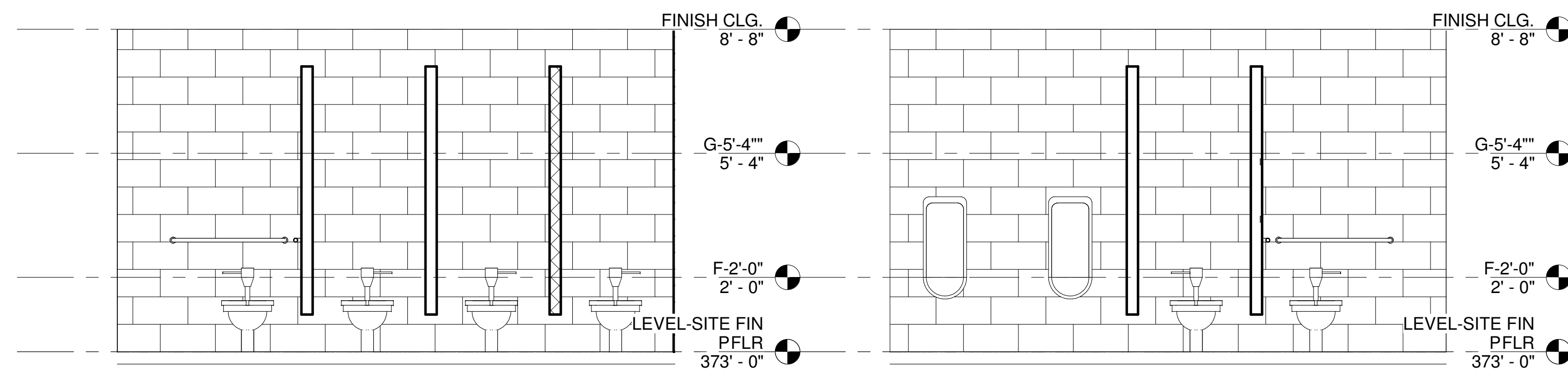


TYPICAL PLUMBING FIXTURES AND ACCESSORIES MOUNTING HEIGHTS

3 TYPICAL ADA MOUNTING HEIGHTS
3/8" = 1'-0"

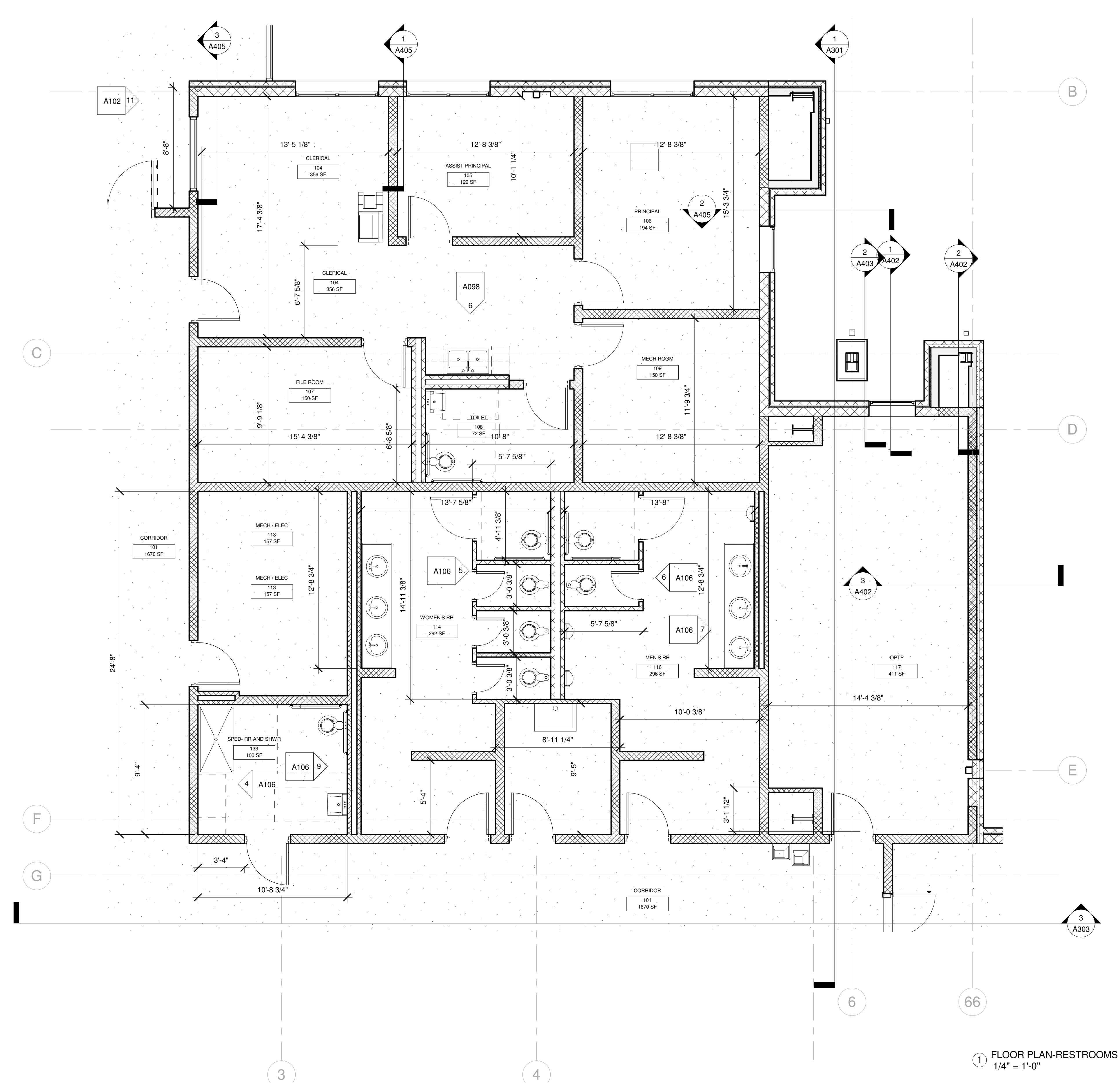


2 TOILET ELEV. GO. BY
1/4" = 1'-0"

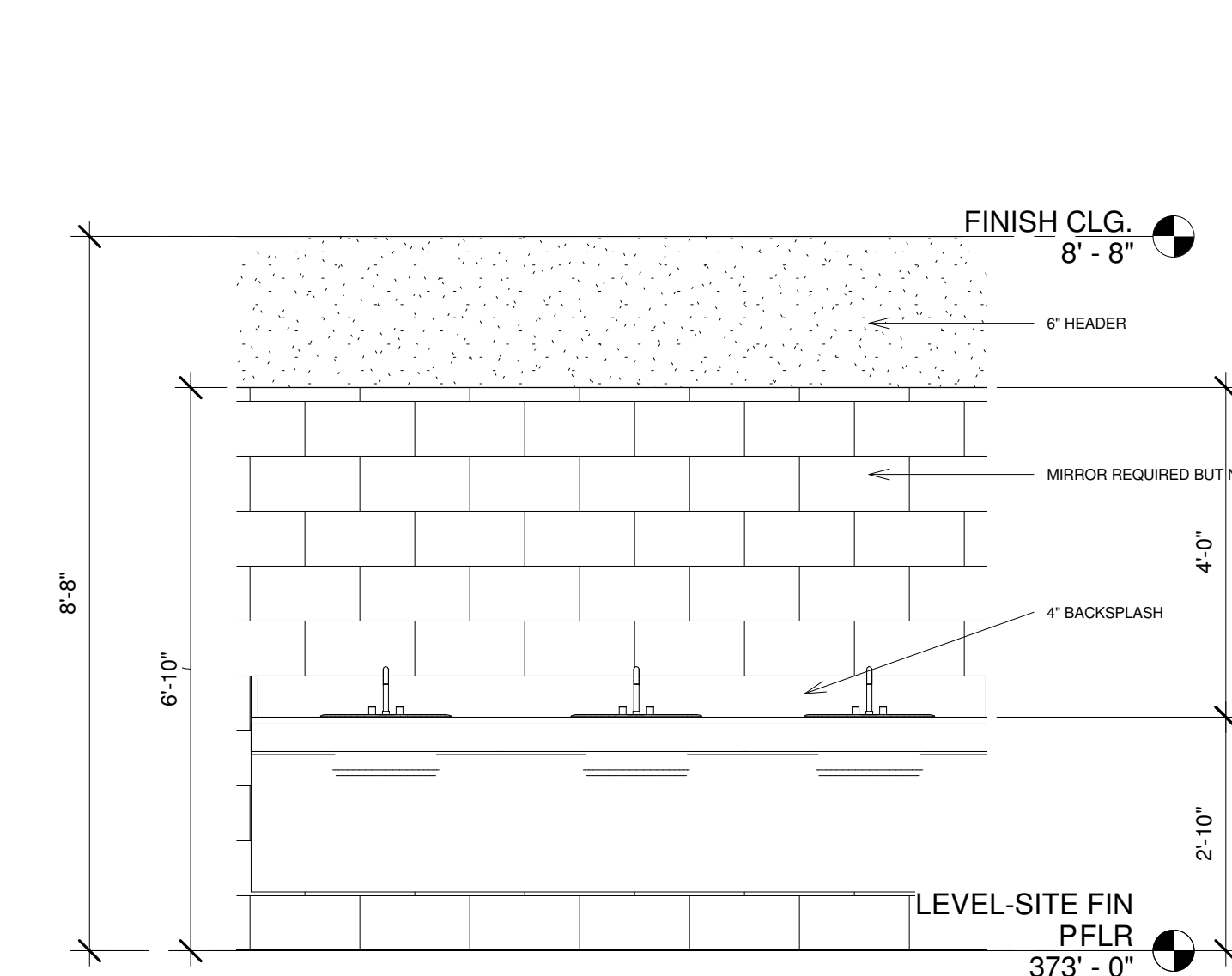


5 INT. ELEVATION-GIRL'S TOILETS
3/8" = 1'-0"

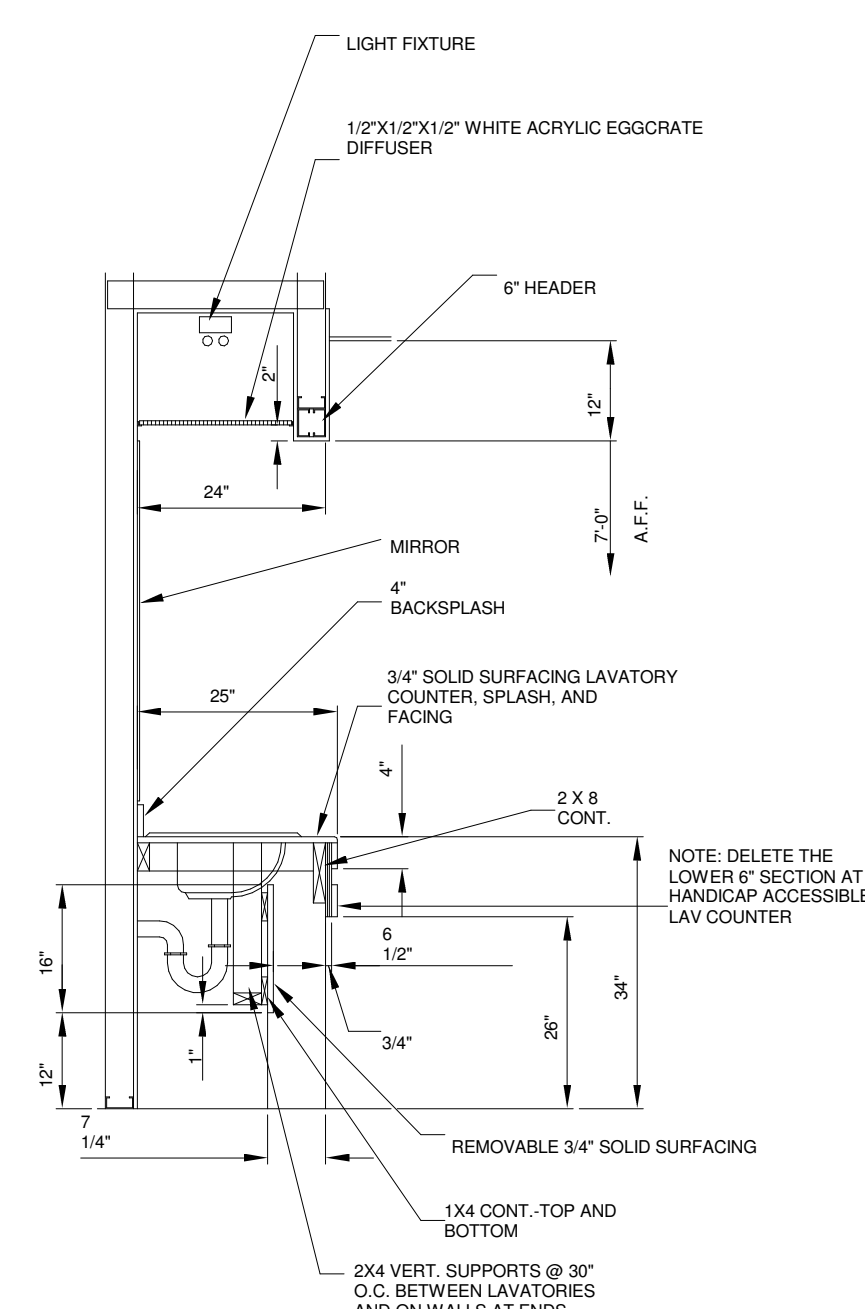
6 INT. ELEVATION-BOY'S TOILETS
3/8" = 1'-0"



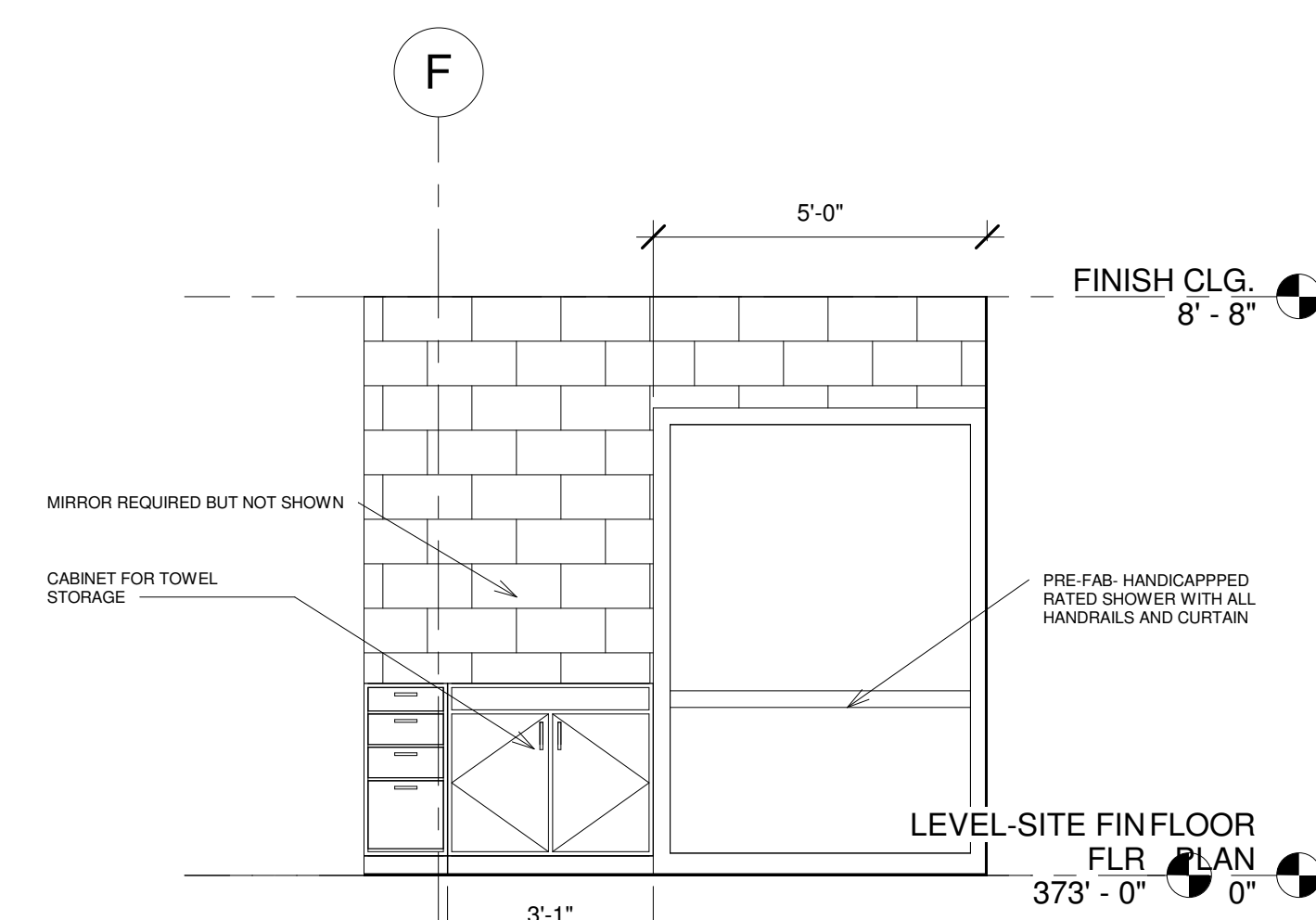
1 FLOOR PLAN-RESTROOMS
1/4" = 1'-0"



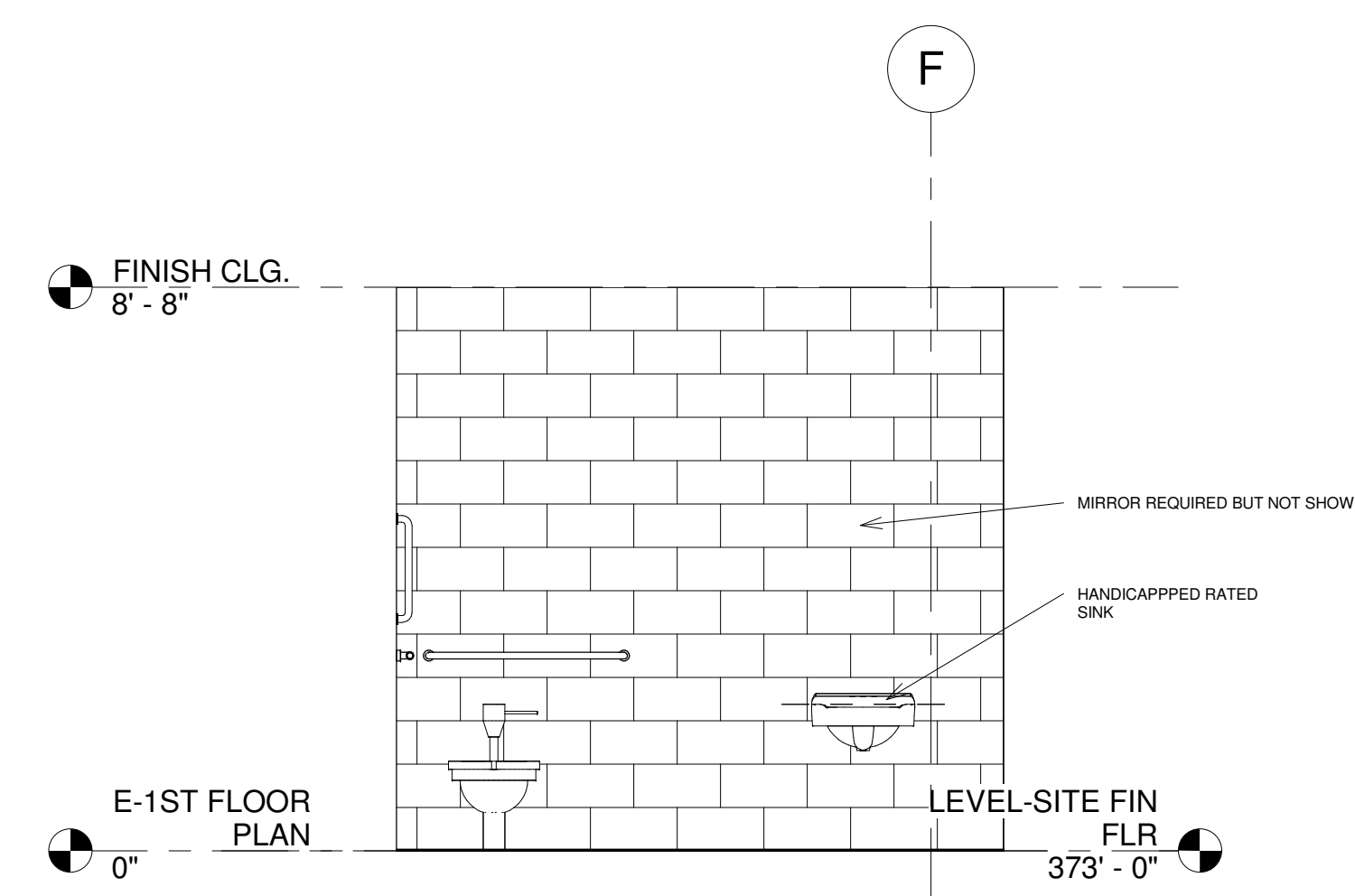
7 CASEWORK RESTROOM-VANITY
ELEVATION-TYPICAL AT BOYS AND
GIRLS' GANG BATHROOM
1/2" = 1'-0"



8 RESTROOM VANITY TYPICAL SECTION
1/2" = 1'-0"



4 INT ELEVATION - SPEC ED
RESTROOM-SHOWER
3/8" = 1'-0"



9 INT ELEVATION - SPEC ED
RESTROOM-SHOWER-2
3/8" = 1'-0"

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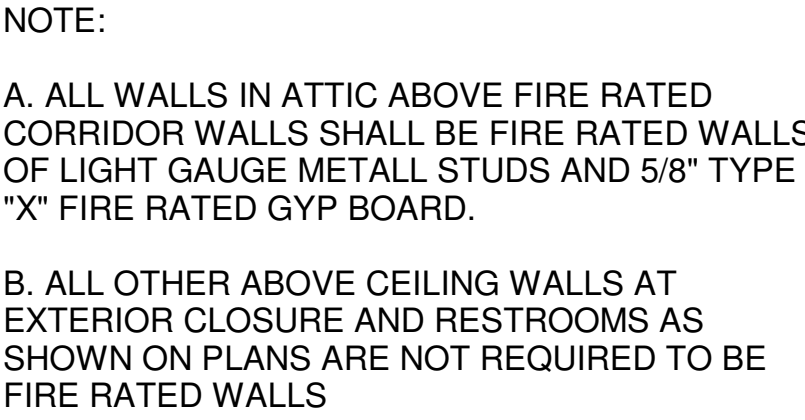
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ENLARGED RESTROOM PLAN AND INT ELEVATIONS

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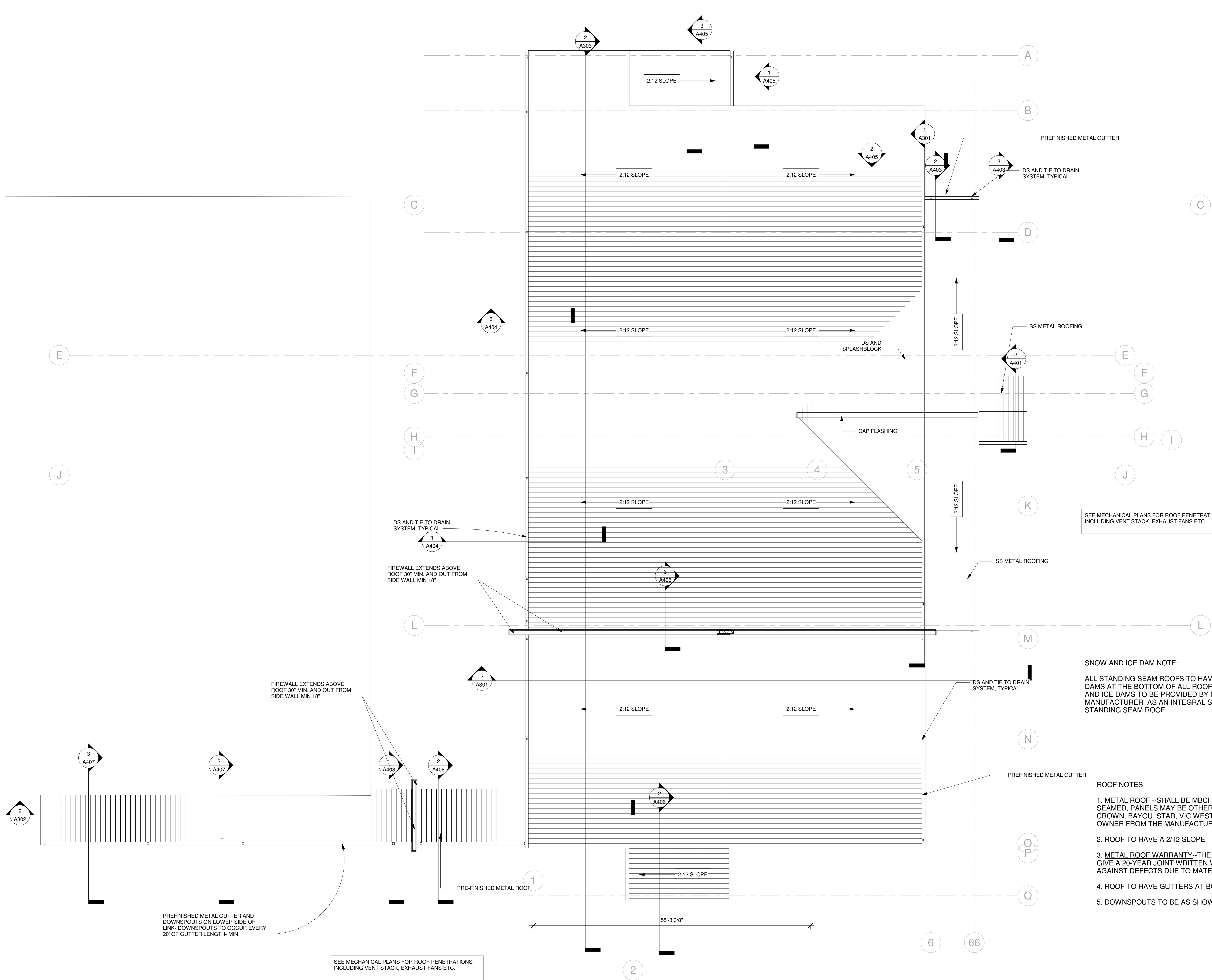
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A107



SNOW AND ICE DAM NOTE:
ALL STANDING SEAM ROOFS TO HAVE SNOW AND ICE DAMS AT THE BOTTOM OF ALL ROOF SLOPES. SNOW AND ICE DAMS TO BE PROVIDED BY METAL ROOF MANUFACTURER AS AN INTEGRAL SYSTEM WITH THE STANDING SEAM ROOF

- ROOF NOTES**
1. METAL ROOF --SHALL BE MBCI OR EQUAL ULTRA-DECK-124PANELS. MECHANICALLY SEAMED, PANELS MAY BE OTHER MANUFACTURER'S PRODUCT SUCH AS VARCO, CROWN, BAYOU, STAR, VIC WEST, ETC. ROOF SHALL BE A COLOR AS SELECTED BY OWNER FROM THE MANUFACTURERS STANDARD COLORS.
 2. ROOF TO HAVE A 2/12 SLOPE
 3. METAL ROOF WARRANTY--THE CONTRACTOR AND METAL ROOF INSTALLER SHALL GIVE A 20-YEAR JOINT WRITTEN WATER TIGHT WARRANTY FOR MAINTENANCE AGAINST DEFECTS DUE TO MATERIAL AND WORKMANSHIP.
 4. ROOF TO HAVE GUTTERS AT BOTTOM OF ALL SLOPES.
 5. DOWNSPOUTS TO BE AS SHOWN ON PLANS OR A MINIMUM OF EVERY 24'

1 ROOF PLAN
1/8" = 1'-0"

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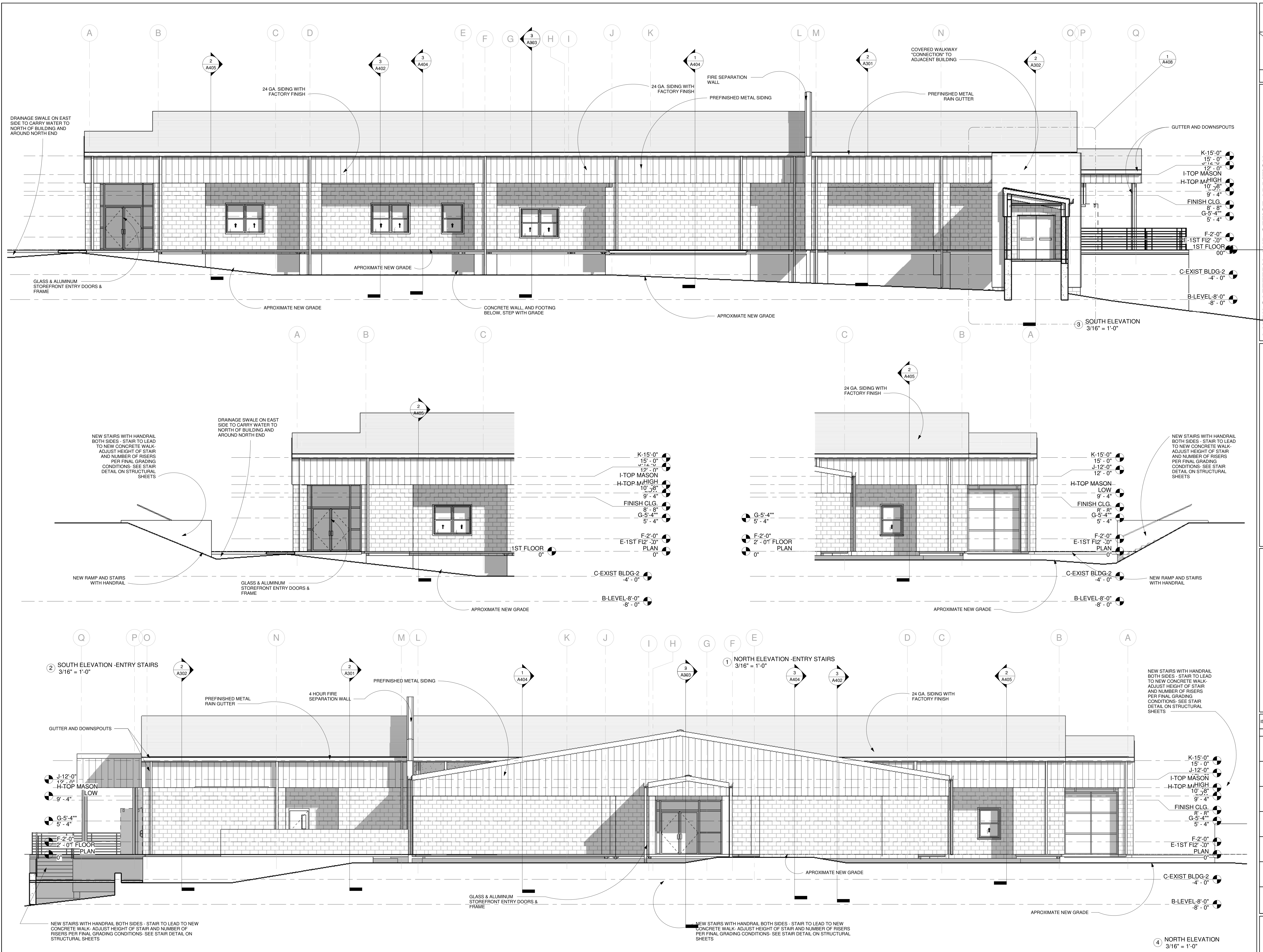
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ROOF PLAN

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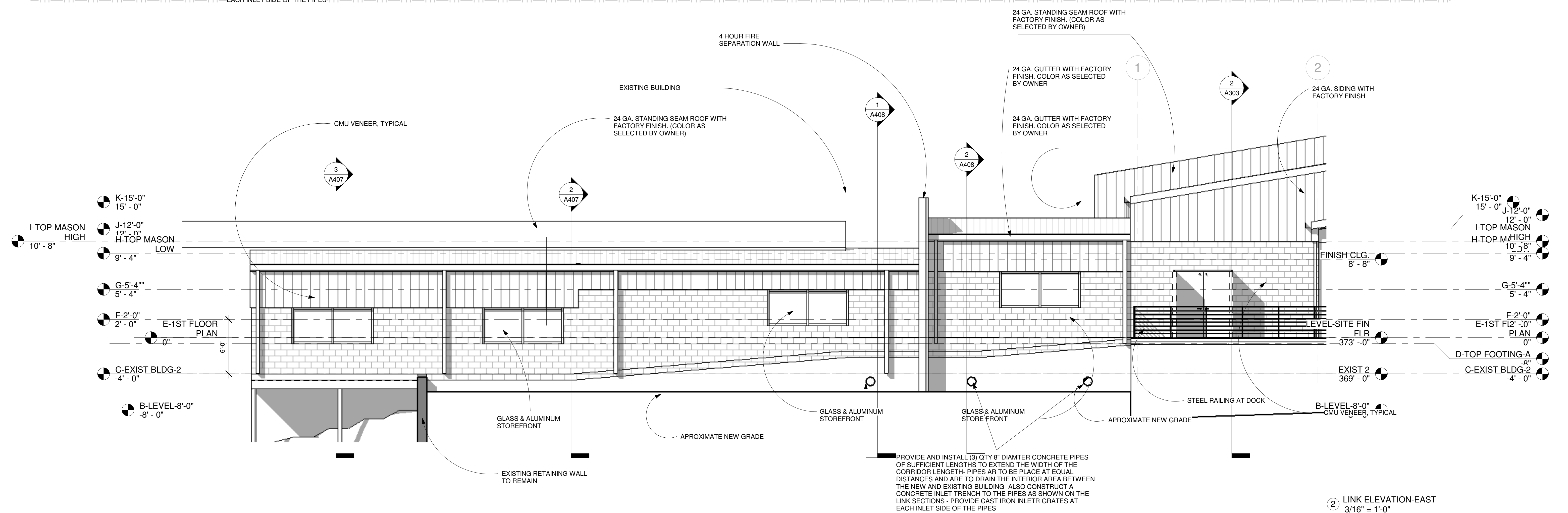
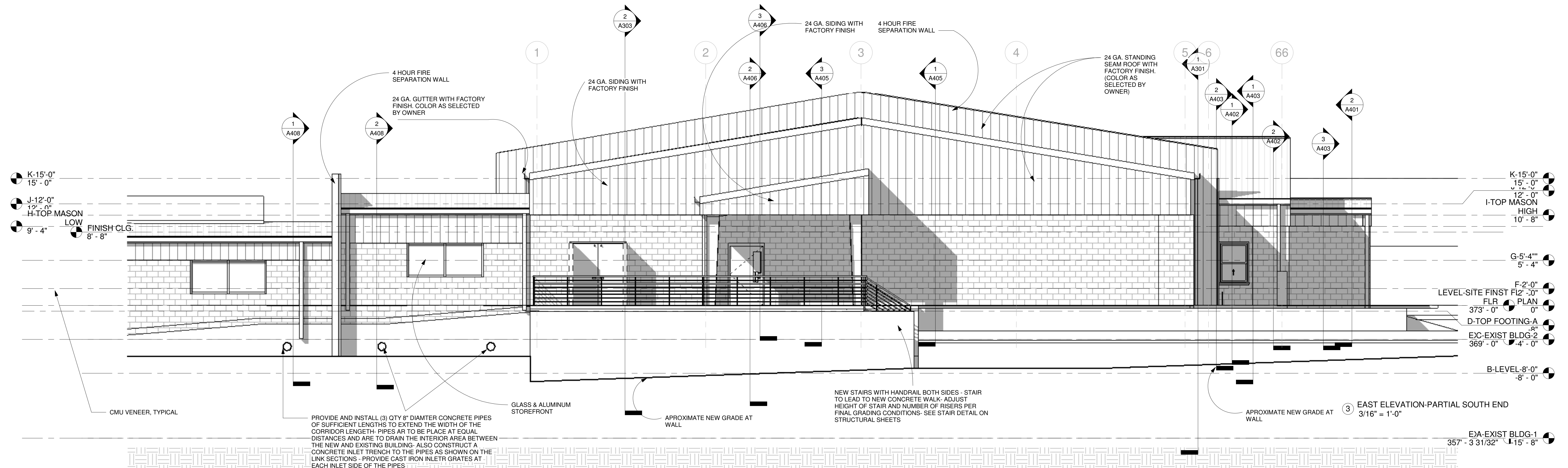
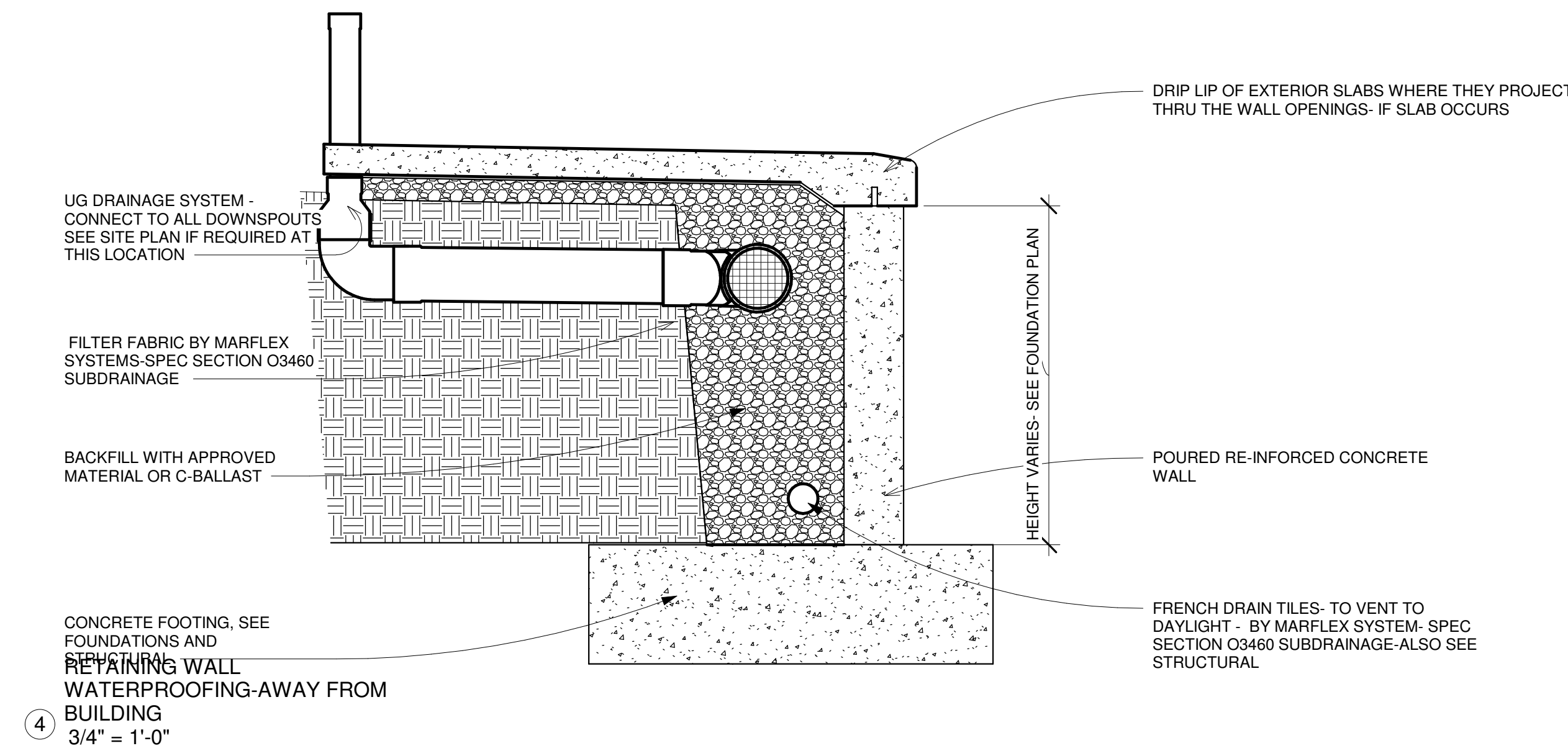
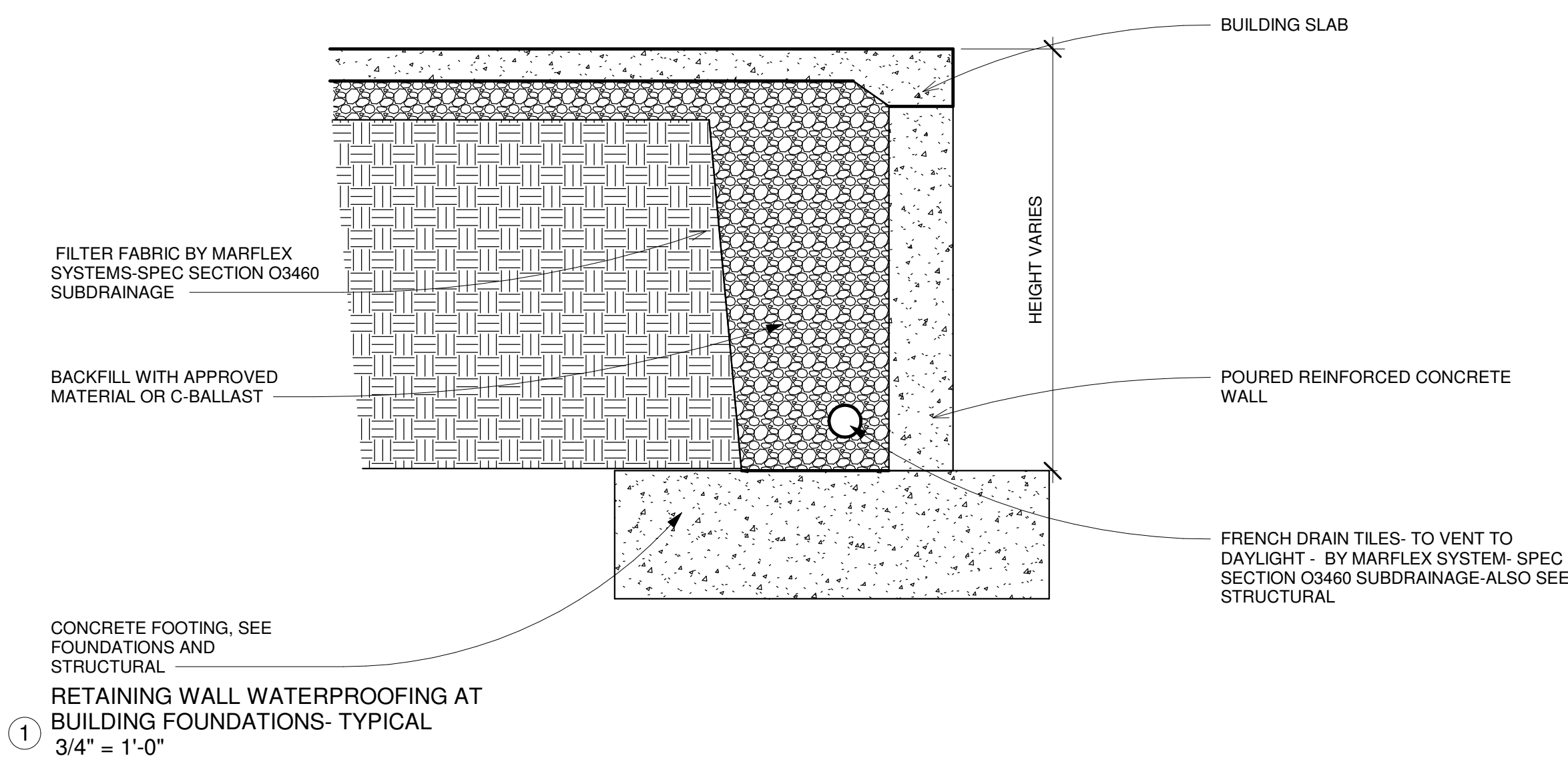
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EXTERIOR ELEVATIONS

A201



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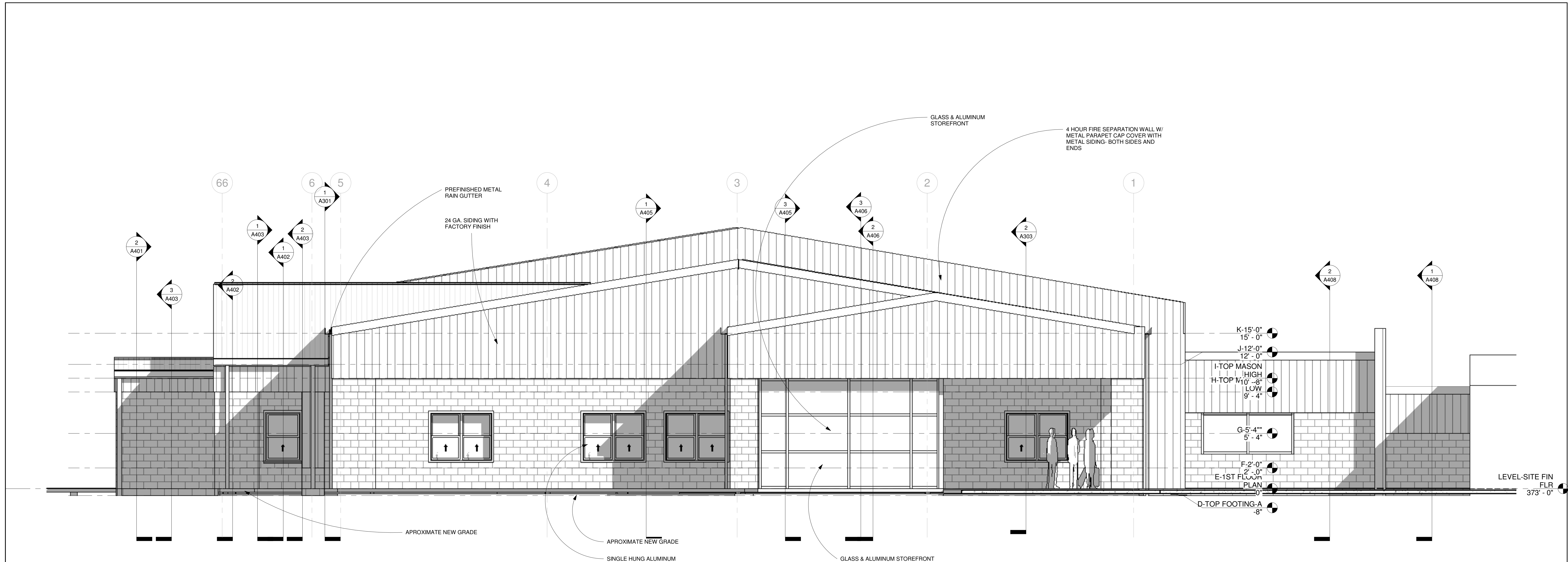
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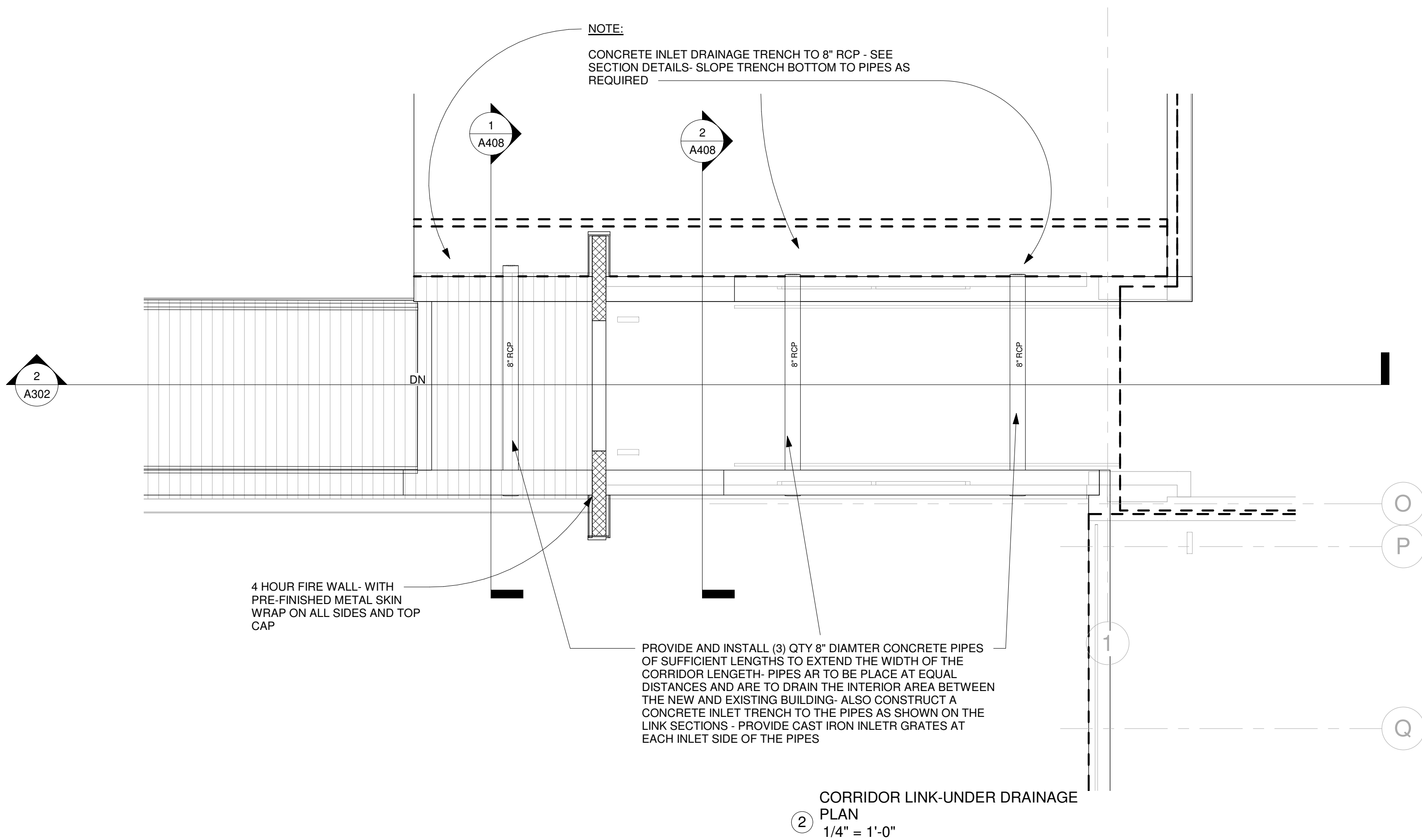
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EXTERIOR ELEVATIONS

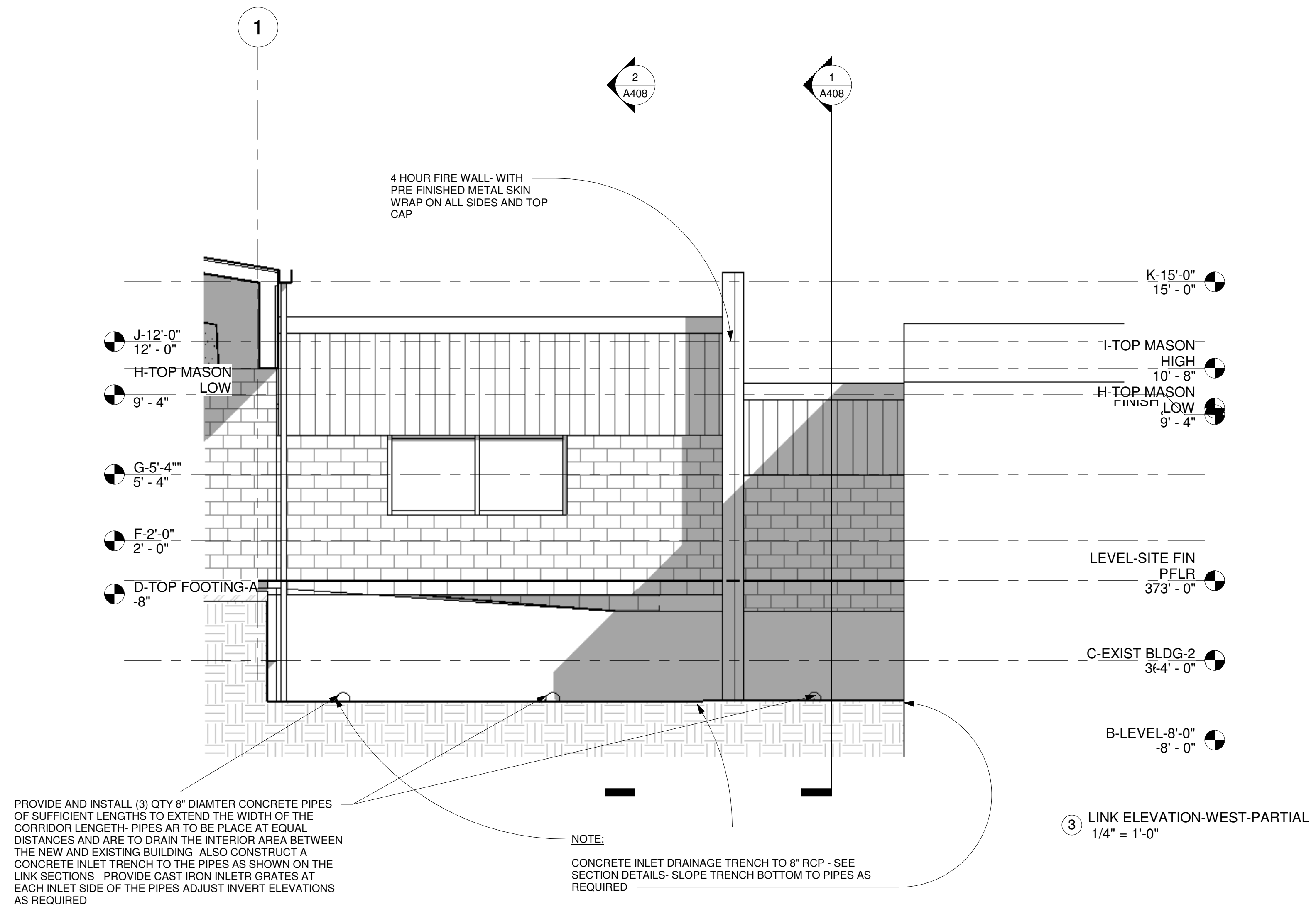
A202



① WEST ELEVATION - PARTIAL SOUTH END
1/4" = 1'-0"



② CORRIDOR LINK-UNDER DRAINAGE
PLAN
1/4" = 1'-0"



③ LINK ELEVATION - WEST-PARTIAL
1/4" = 1'-0"

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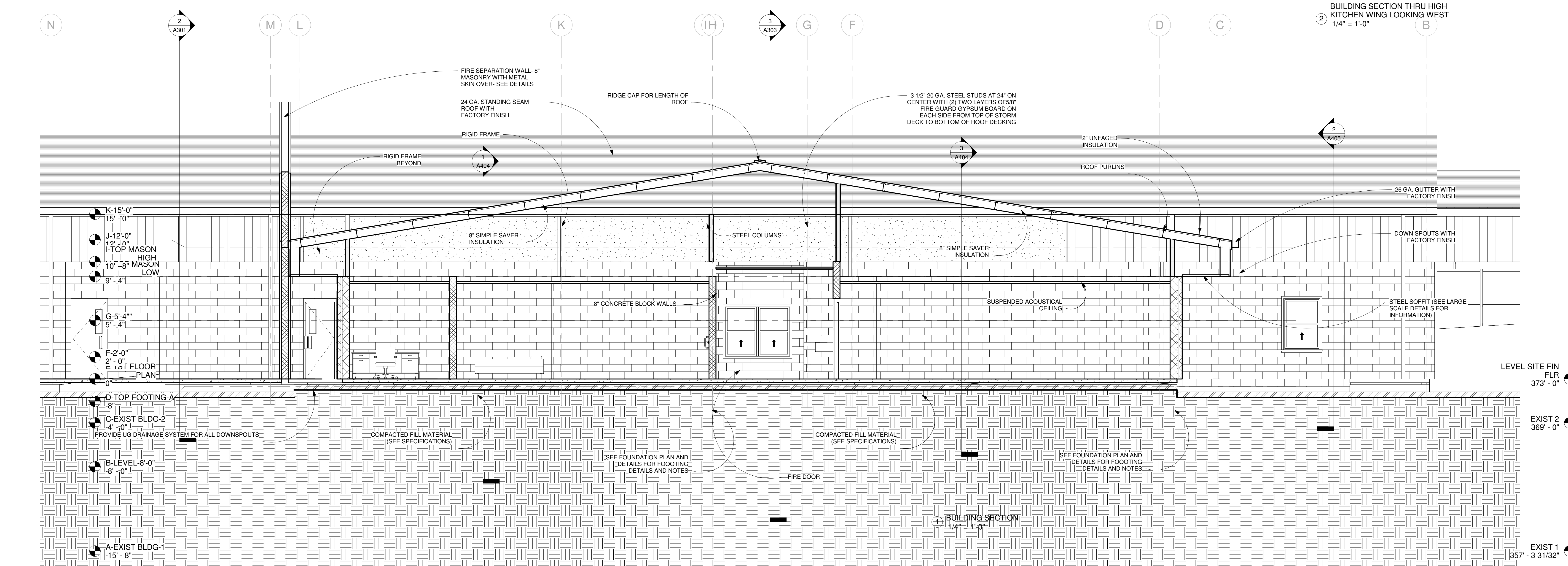
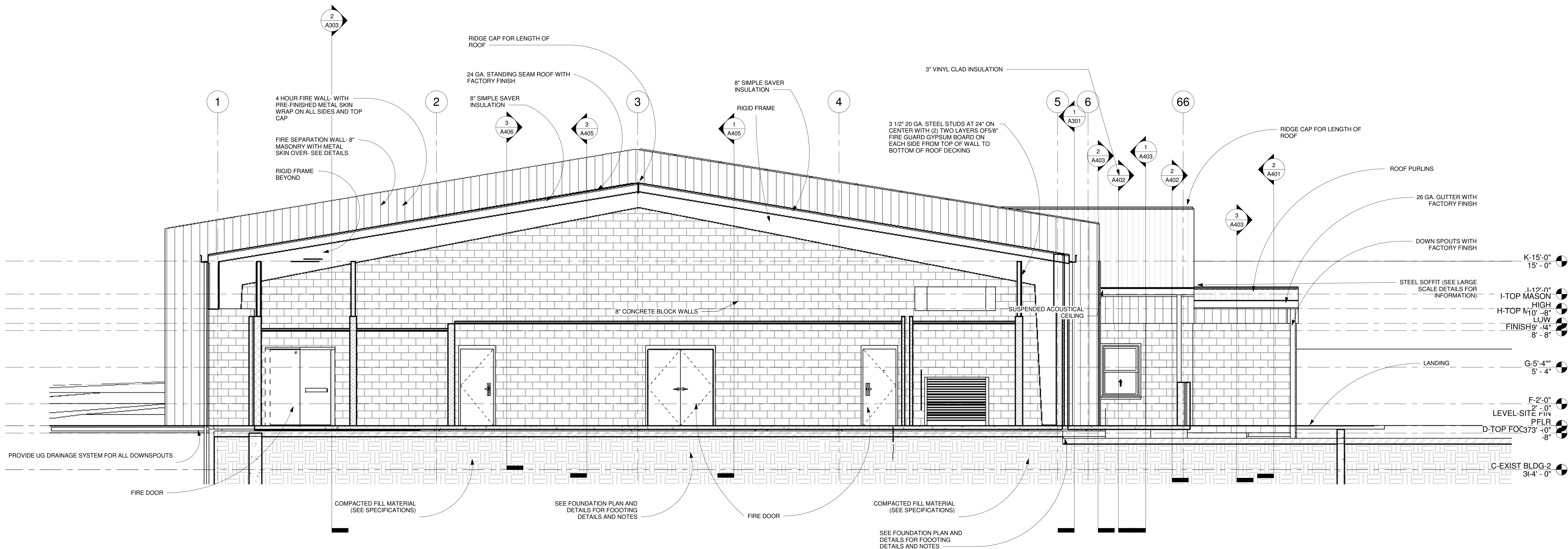
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EXTERIOR ELEVATIONS AND CORRIDOR LINK DETAILS

A203



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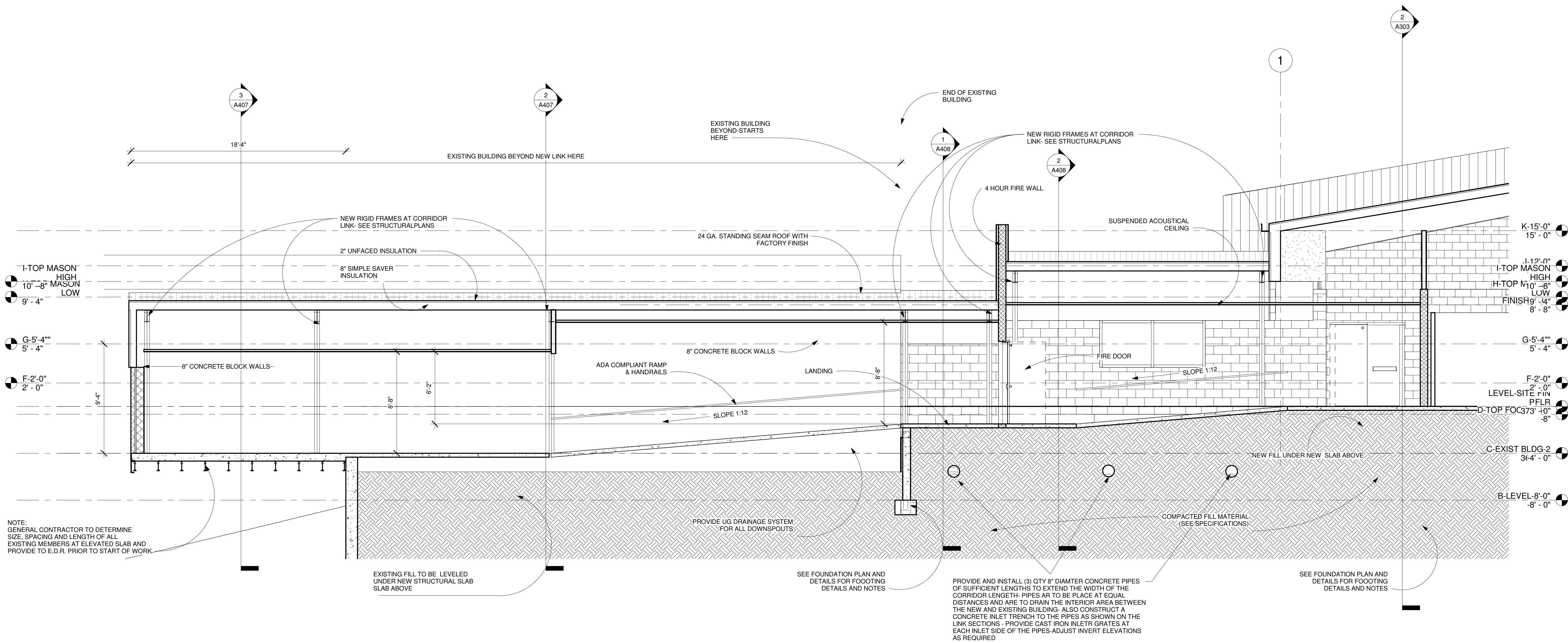
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BUILDING SECTIONS

A301



BUILDING SECTION THRU
LINK-LONGITUDINAL
1/4" = 1'-0"



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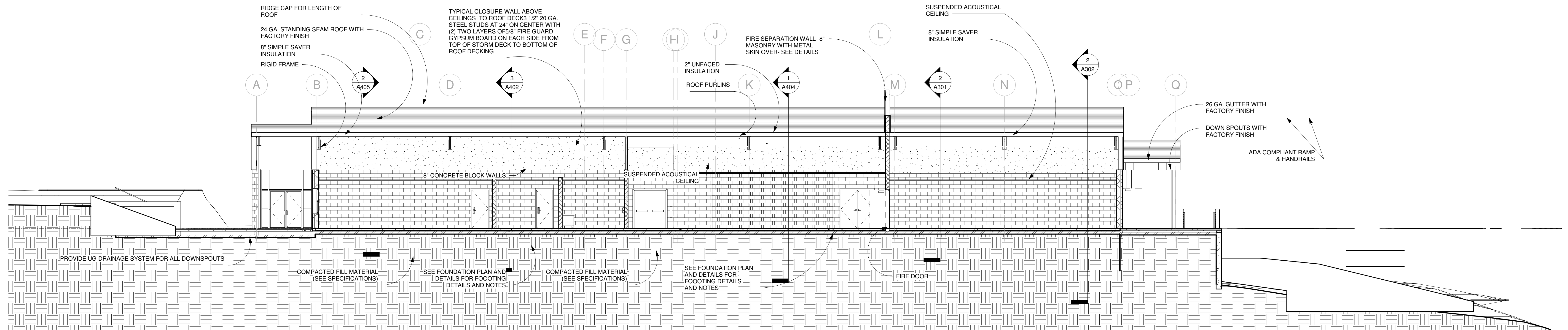
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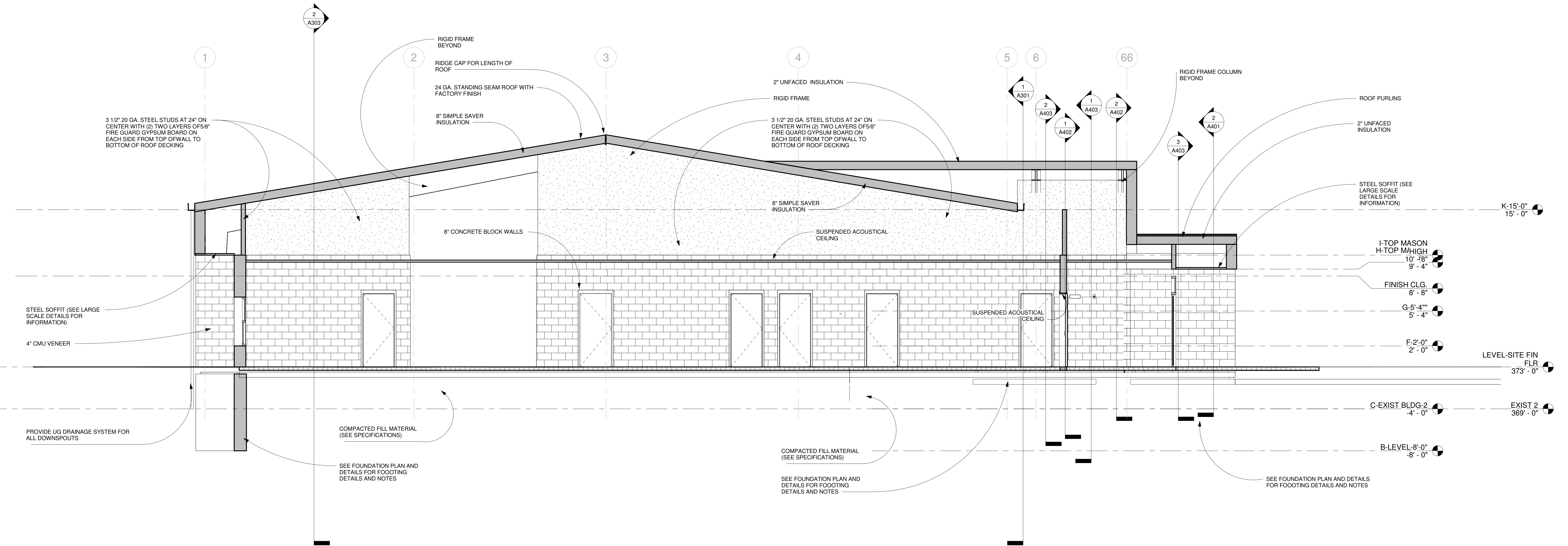
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BUILDING SECTION

A302



BUILDING SECTION THRU HIGH SOUTH WING
 ② 1/8" = 1'-0"



BUILDING SECTION LONGITUDINAL - SOUTH END
 ③ 1/4" = 1'-0"

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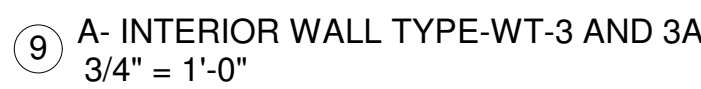
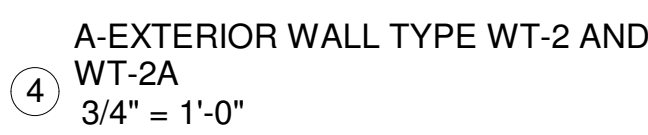
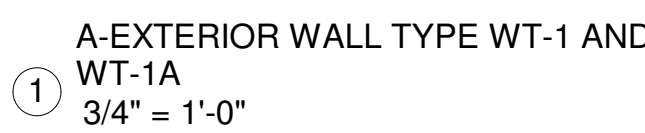
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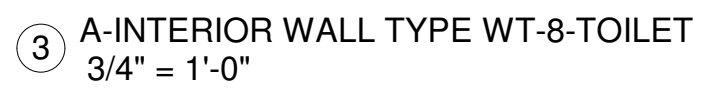
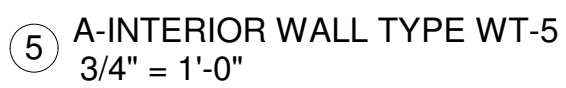
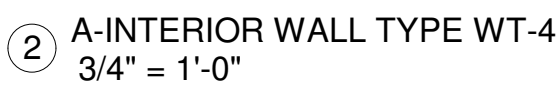
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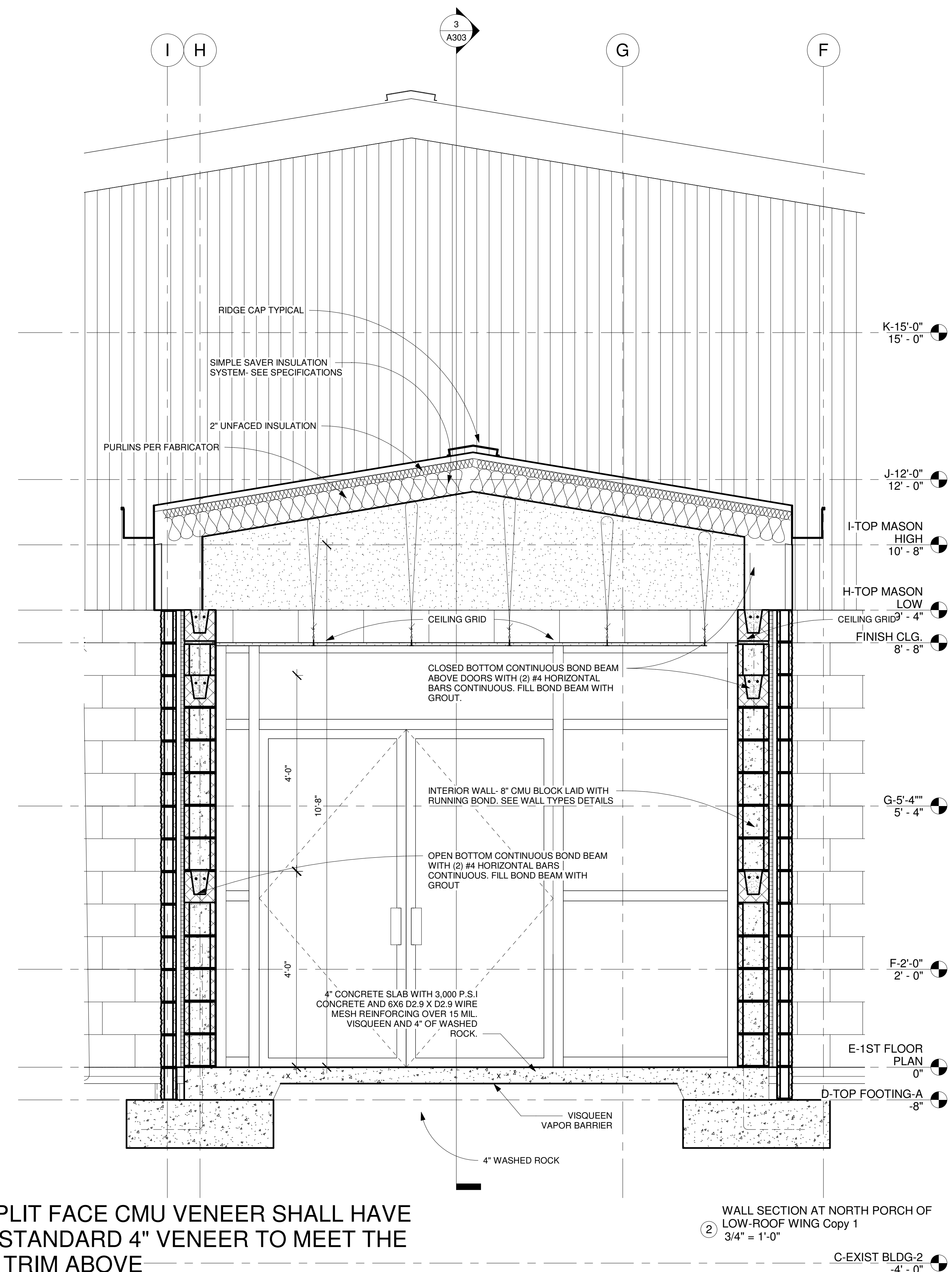
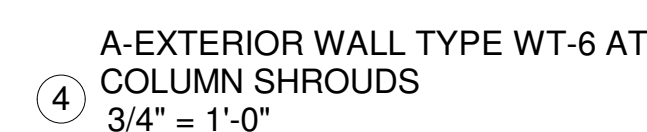
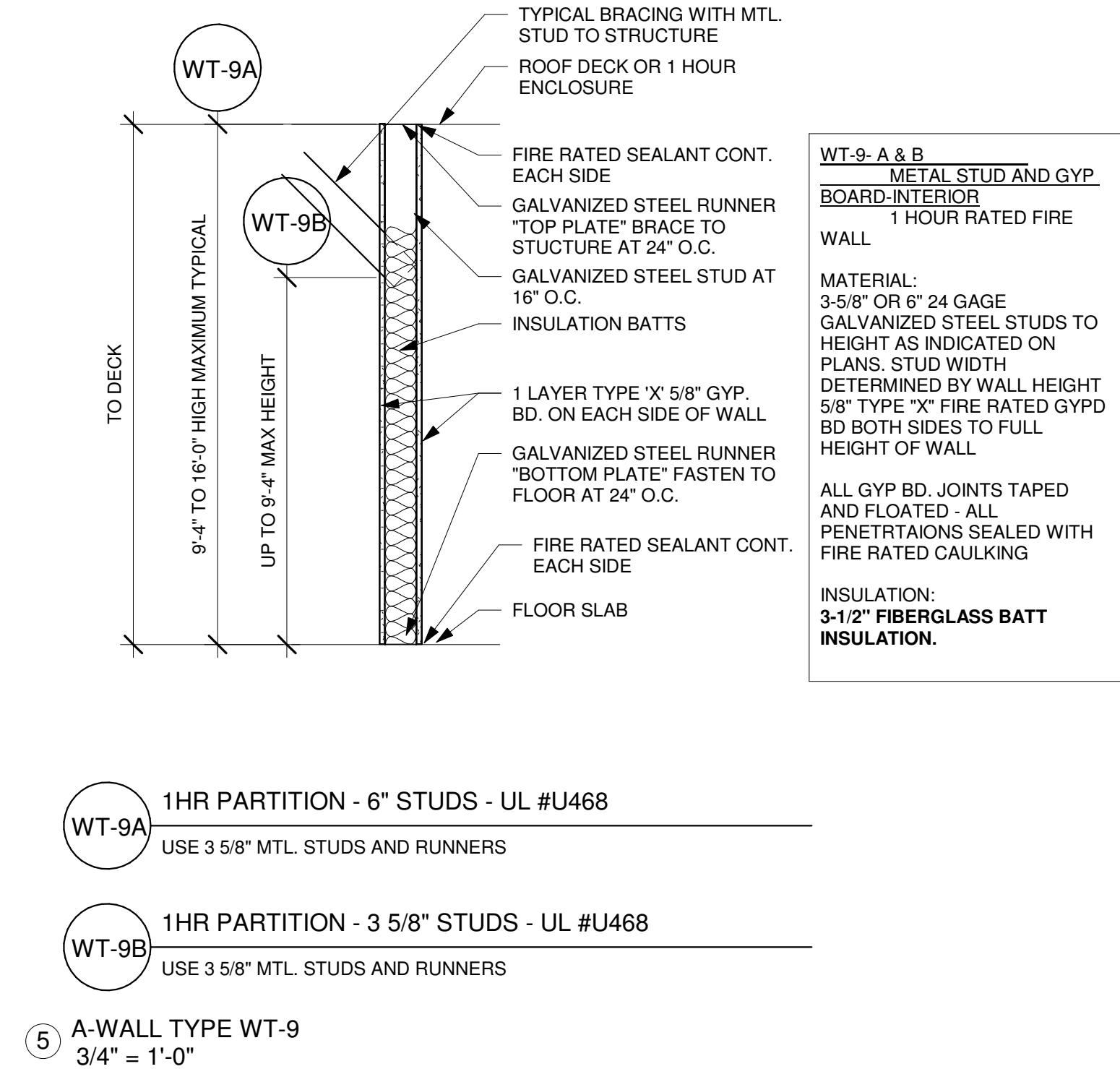


BOND BEAM GENERAL NOTE:
BOND BEAMS THAT CHANGE COURSE ARE
TO OVERLAP A MINIMUM 8'-0"

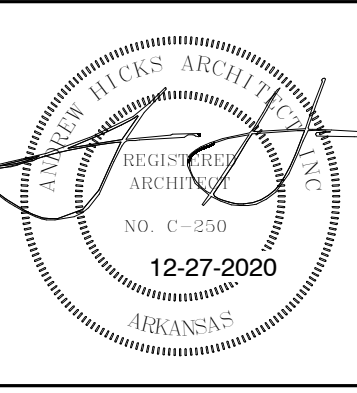
CMU GENERAL NOTE:
ALL CMU- BLOCK ARE TO HAVE ROUNDES
CORNERS AND EGES AT WINDOW AND
DOOR OPENINGS AND CORNERS

CONCRETE/MASONRY-REINFORCING
BAR SPLICE TABLE
12" = 1'-0"





ALL EXTERIOR 4" SPLIT FACE CMU VENEER SHALL HAVE
A TOP COURSE OF STANDARD 4" VENEER TO MEET THE
METAL SIDING AND TRIM ABOVE _____



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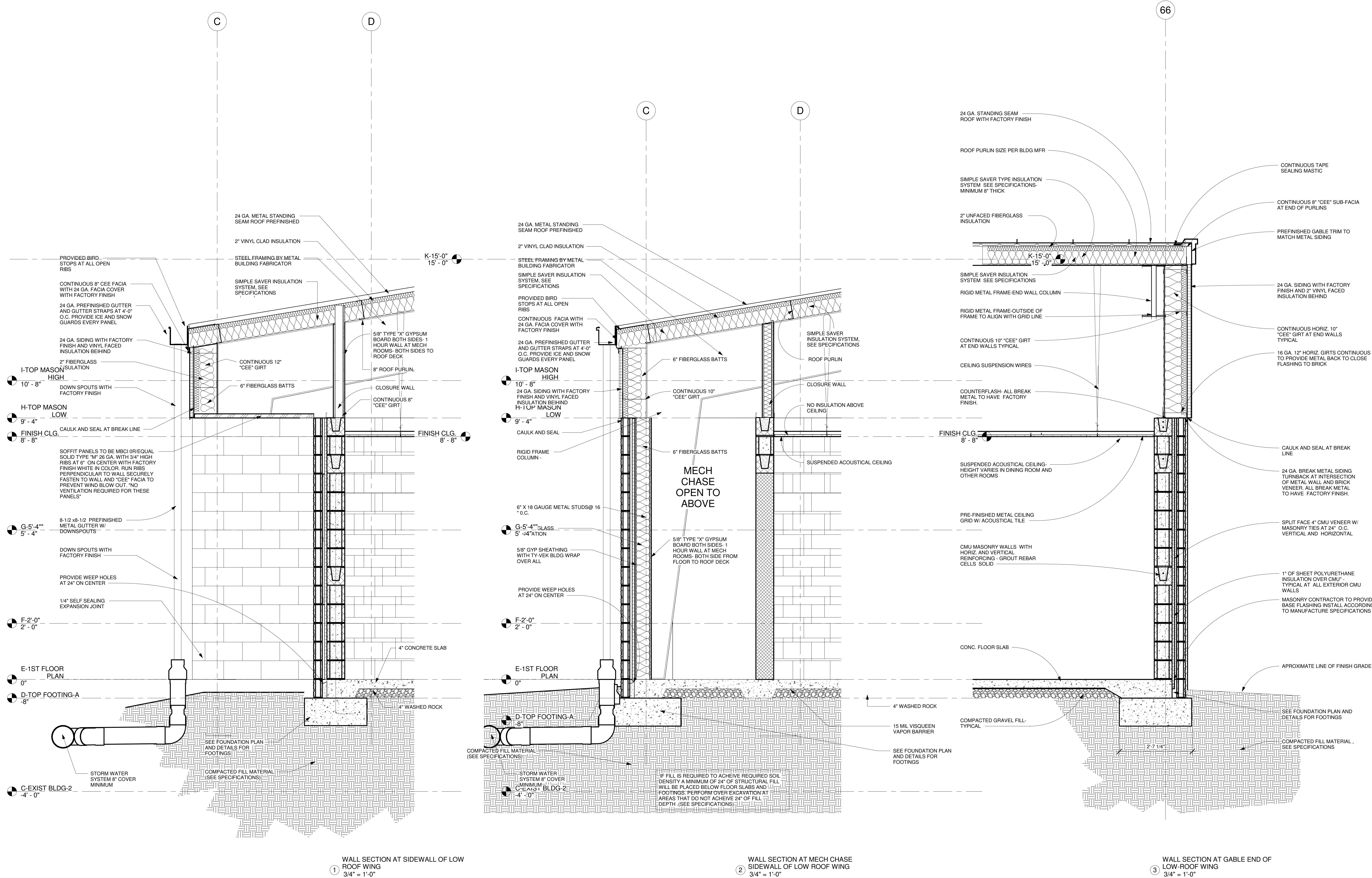
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WALL SECTIONS

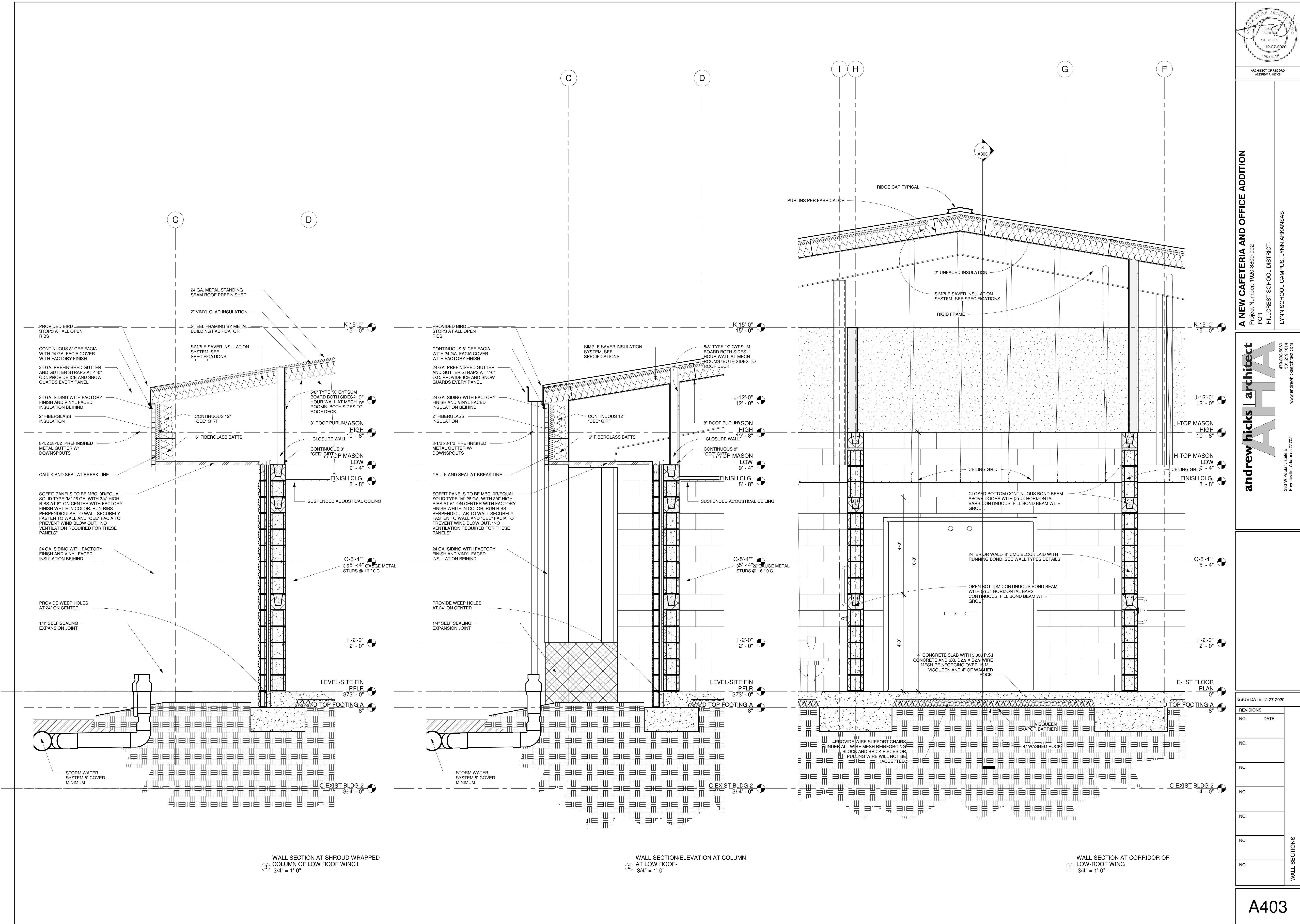
A402



1 WALL SECTION AT SIDEWALL OF LOW
ROOF WING
3/4" = 1'-0"

2 WALL SECTION AT MECH CHASE
SIDEWALL OF LOW ROOF WING
3/4" = 1'-0"

3 WALL SECTION AT GABLE END OF
LOW-ROOF WING
3/4" = 1'-0"



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LYNN SCHOOL CAMPUS, LYNN, ARKANSAS

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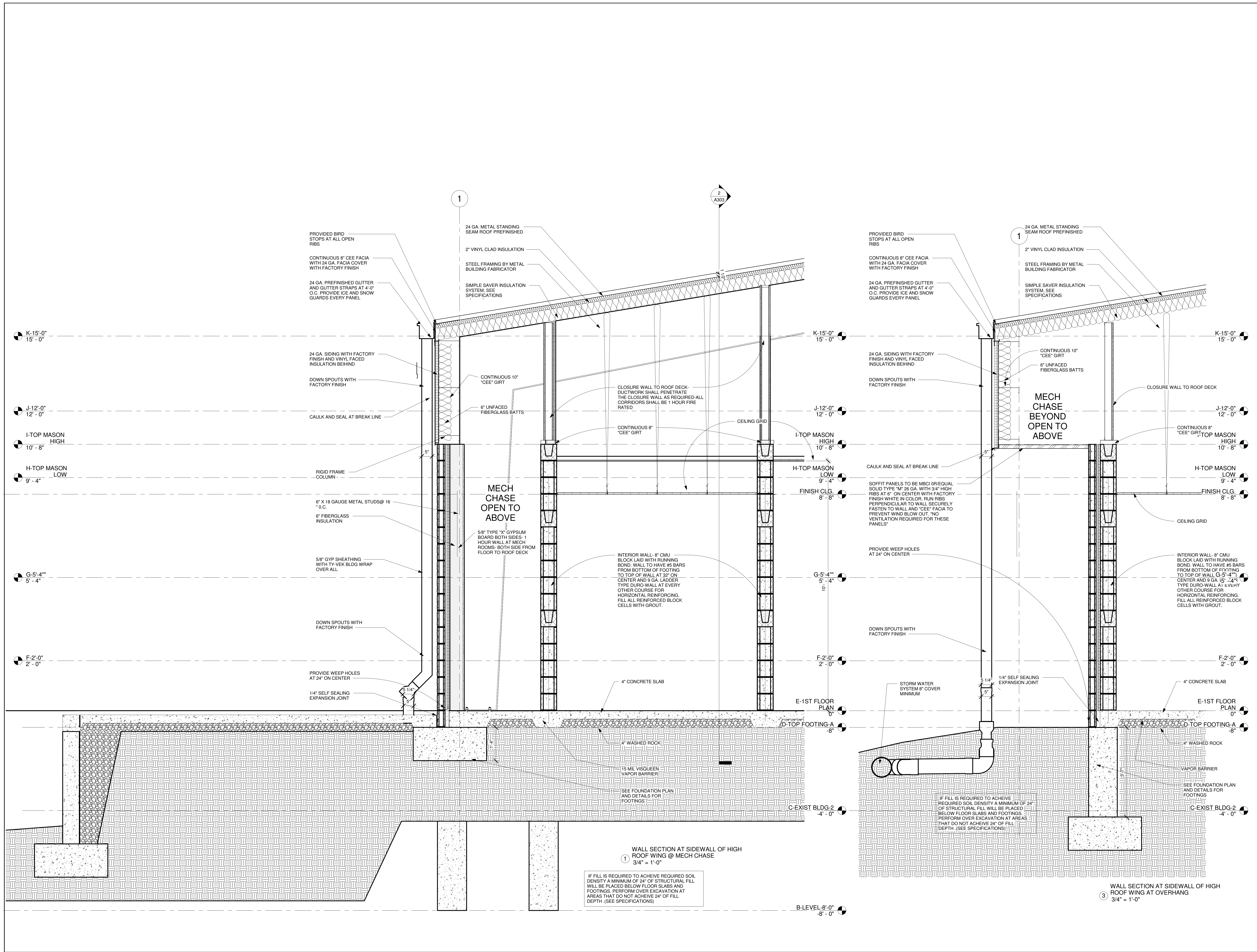
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WALL SECTIONS

A403



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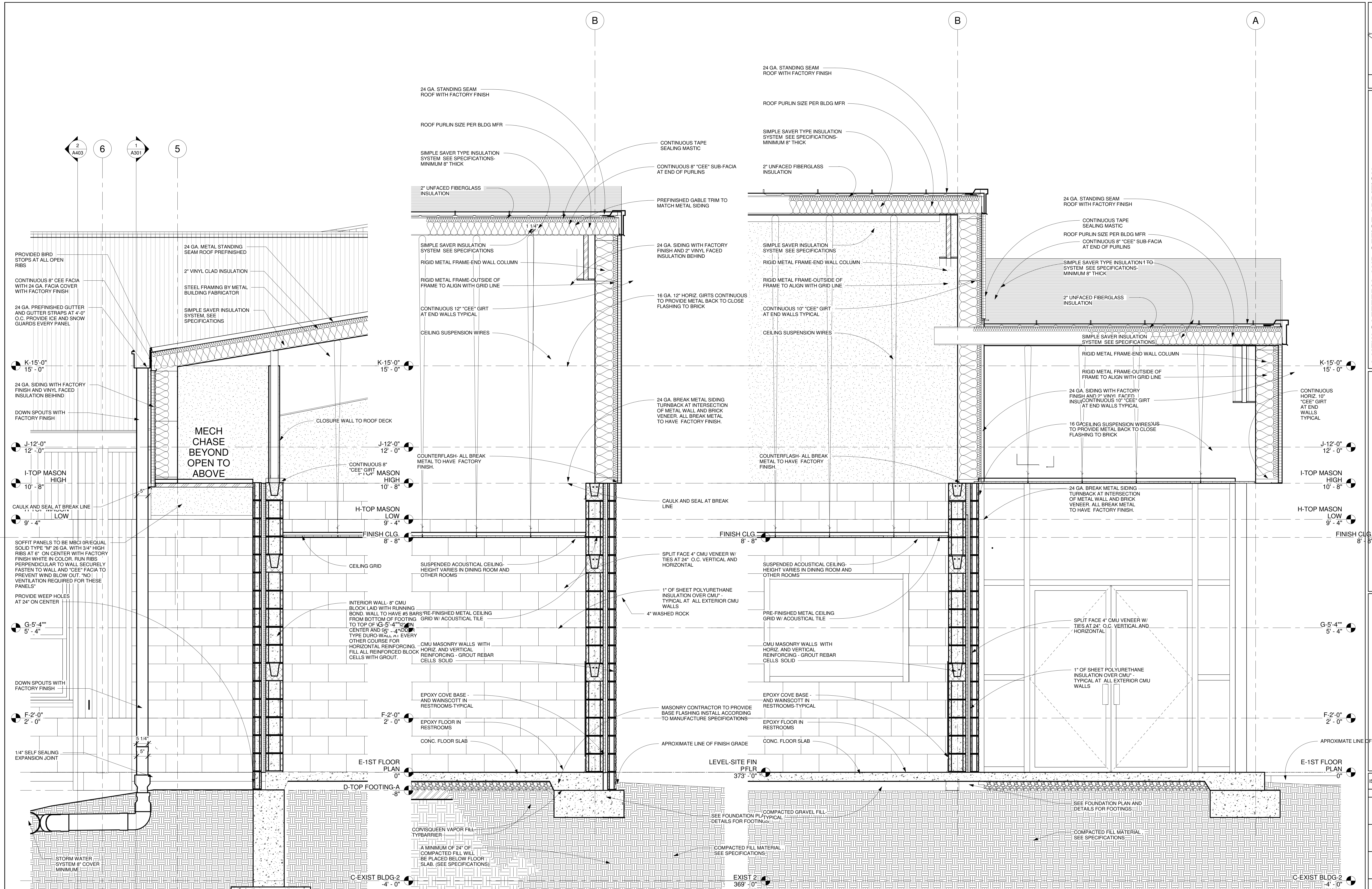
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WALL SECTIONS

A404



2 WALL SECTION AT NORTH SIDEWALL OF HIGH-ROOF WING
3/4" = 1'-0"

1 WALL SECTION AT GABLE END WALL OF HIGH-ROOF WING
3/4" = 1'-0"

3 WALL SECTION AT ENTRY END OF HIGH-ROOF WING
3/4" = 1'-0"

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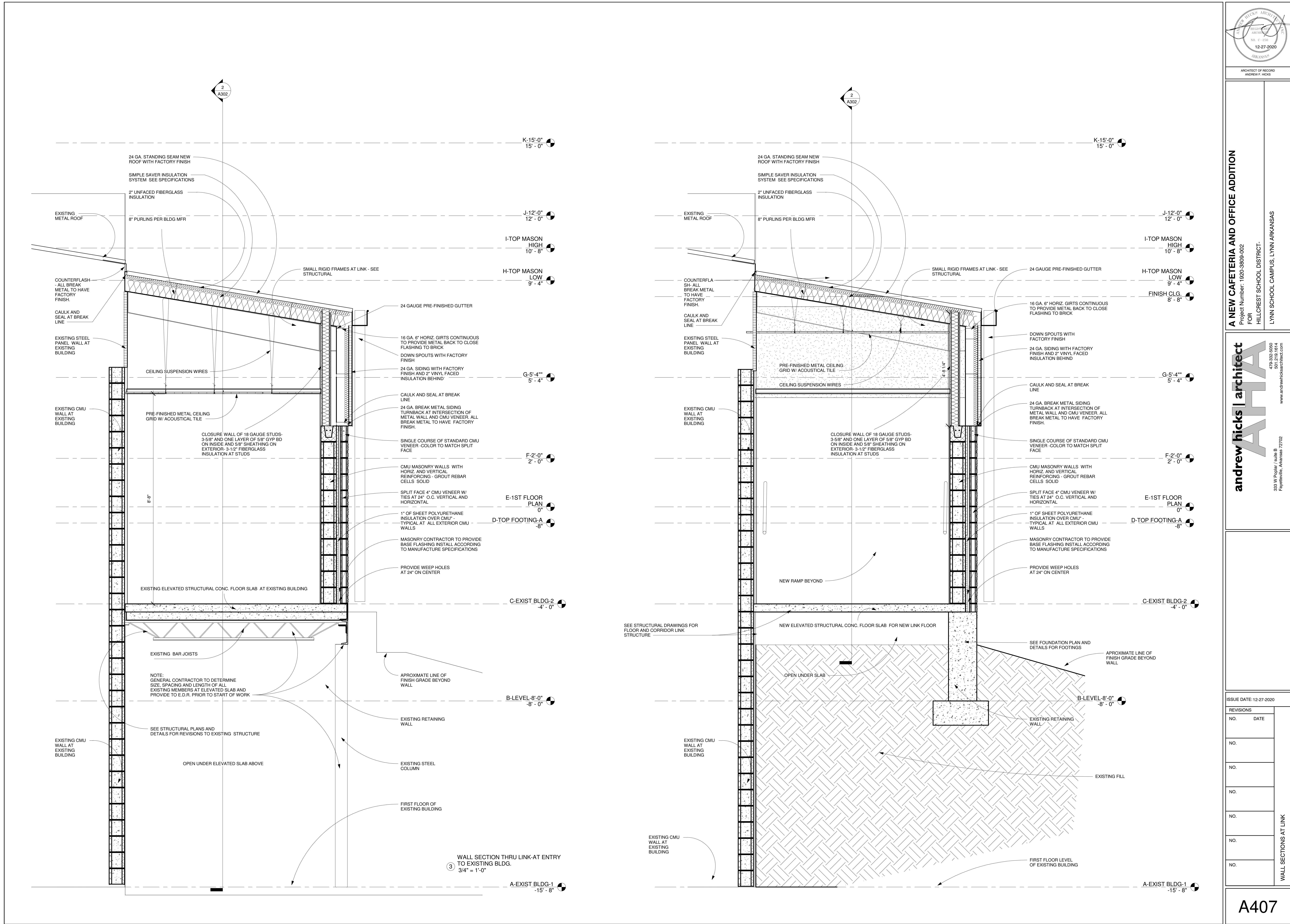
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WALL SECTIONS

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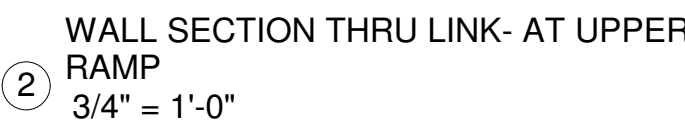
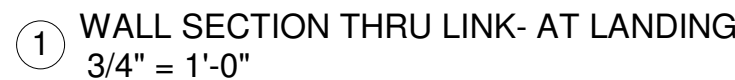
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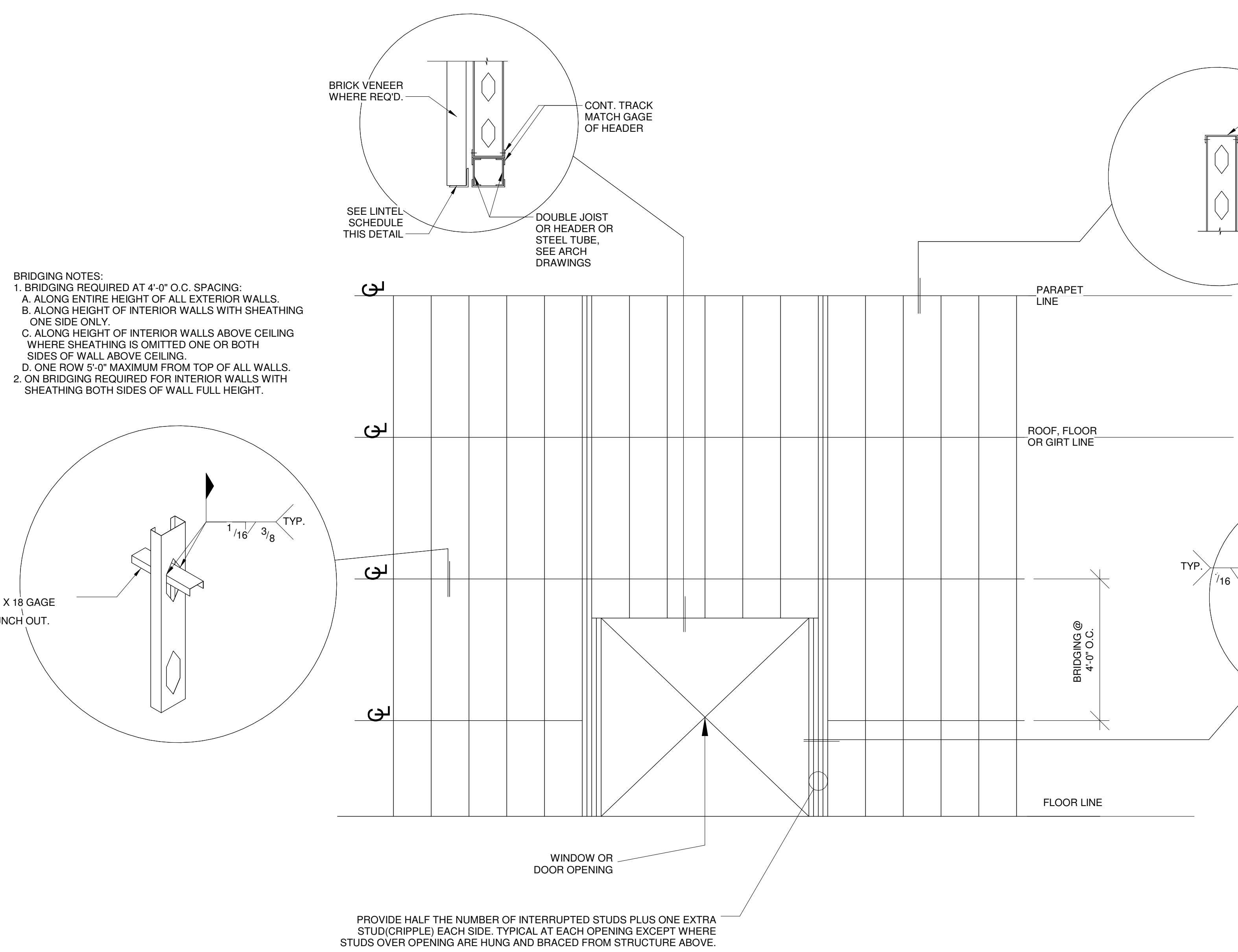
WALL SECTIONS AT LINK

A407



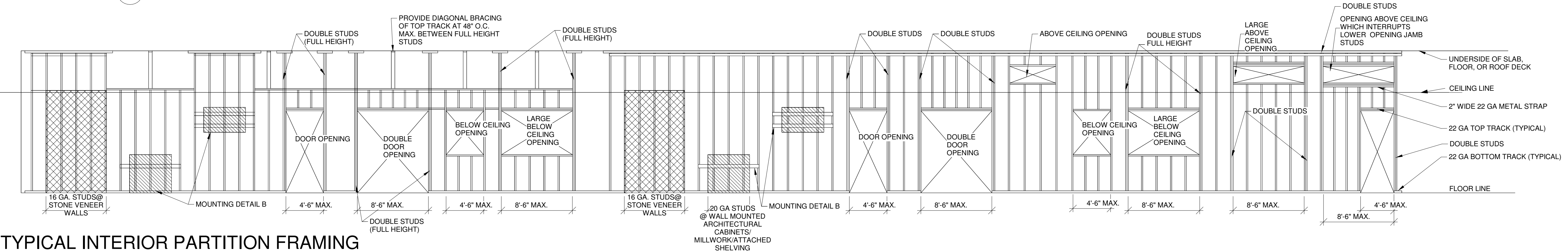
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REVISIONS	
NO.	DATE



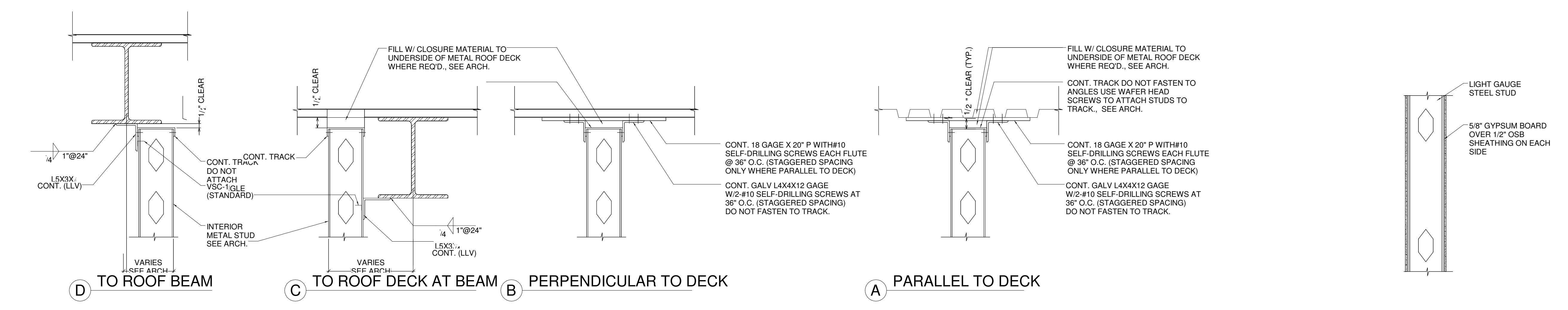
A TYPICAL WALL CONSTRUCTION

- GENERAL NOTES:**
1. ALL STUDS ARE SPACED 16" O.C. MAX.
2. ALL STUDS SHALL BE "C" STUDS WITH 1" FLANGE MIN.
3. DIAGONAL HATCH DENOTES SHELVING OR CABINETRY.
4. CROSS HATCH DENOTES STONE.
5. IN NO CASE SHALL DOUBLE STUDS AT SIDES OF OPENING BE CUT FOR DUCTWORK OR OTHER MECHANICAL SYSTEMS.
6. IN PROJECTS IN SEISMIC ZONES, MINIMUM STUD GAGE IS 20 GA. DETAILS TO BE MODIFIED ACCORDINGLY.
7. STONE SHOULD NOT BE ATTACHED DIRECTLY TO SHAFT WALLS. PROVIDE ADDITIONAL FURRING FOR STONEBACK-UP.
8. AT STONE WALLS, WHERE STONE EXCEEDS 10'-0" IN HEIGHT, OR IF THE SELECTED STONE IS GRAVITY SUPPORTED BY THE STUDS, THEY SHOULD BE ENGINEERED.



D TYPICAL INTERIOR PARTITION FRAMING

1 TYPICAL CURTAIN WALL CONSTRUCTION
S5.0 NOT TO SCALE



2 TYPICAL INTERIOR STUD WALL ANCHORAGE TO ROOF & FLOOR STRUCTURE
S5.0 NOT TO SCALE

3 INTERIOR LOAD BEARING WALL
S5.0 NOT TO SCALE

NOTE PROPANE GAS

KITCHEN EQUIPMENT PLUMBING REQUIREMENTS

NO	QTY	ITEM	WATER			DRAIN			GAS			REMARKS
			CW	HW	AFT	DR	IFR	SIZE	MBH			
1A	1	WALK IN COOLER										
1B	1	WALK IN COOLER CONDENSER						1"				SEE 2/1/2
1C	1	WALK IN FREEZER										
1D	1	WALK IN FREEZER CONDENSER						1"				SEE 2/1/2
1E	1	WALK IN FREEZER										
2	10	WALK IN SHELVING										
3	7	DRY STORAGE SHELVING						1/2"				
4	1	POT & PAN SINK						3/4"				BIC - CW THRU FILTER - DR TO FD
5	1	POT & PAN SINK						3/4"				BIC - IE TO TWO FAUCETS - DR TO FS
6	2	DISH DRINKING BACK						2"				SEE ITEM 11
7	1	DISH DRINKING BACK						1/2"				SEE ITEM 11
8	1	SOLID DISPENSER						2"				BIC - FAUCET - DR TO FS
9	1	UNIT						2"				BIC - 128 GPH, 140 MIN HW - DR TO FS
10	1	CLEAN DISPENSER						2"				BIC - 128 GPH, 140 MIN HW - DR TO FS
11	1	WALK IN COOLER						1"				BIC - DR TO FD
12	1	WALK IN COOLER						1"				BIC - DR TO FD
13	1	WALK IN COOLER						1"				BIC - DR TO FD
14	1	WALK IN COOLER						1"				BIC - DR TO FD
15	1	WALK IN COOLER						1"				BIC - DR TO FD
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KITCHEN EQUIPMENT PLUMBING GENERAL NOTES

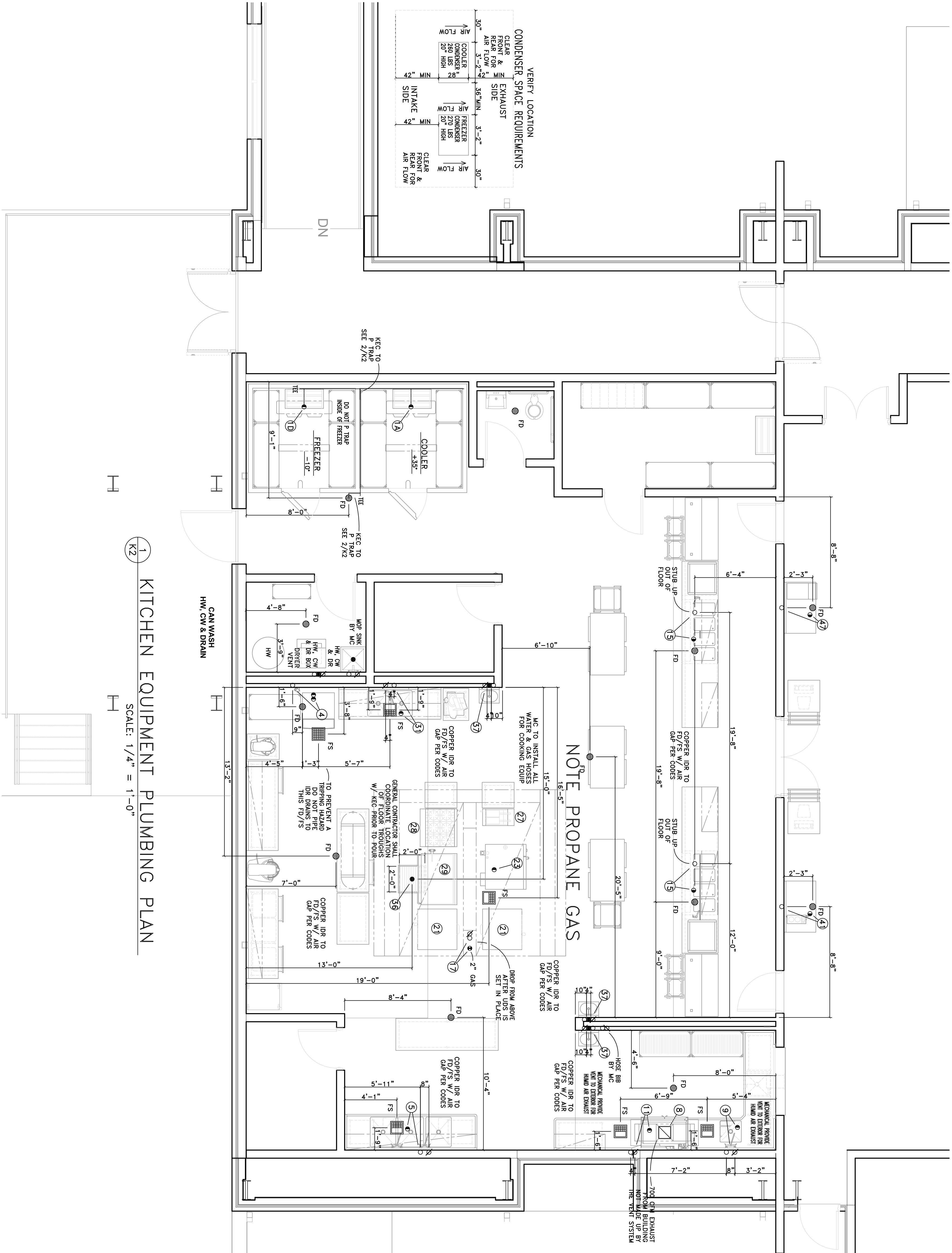
- 01 MC TO PROVIDE FINAL CONNECTIONS TO ALL KITCHEN EQUIPMENT ITEMS PER LOCAL, STATE, & NATIONAL PLUMBING CODES
- 02 MC TO VERIFY REQUIREMENTS OF ALL KITCHEN EQUIPMENT ITEMS PROVIDED BY OTHERS AND/OR EXISTING BEFORE ROUGHING IN AND MAKING FINAL CONNECTIONS
- 03 MC TO FURNISH & INSTALL ALL SHUTOFF VALVES, SHOCK ABSORBERS, SNAP ACTION VALVES, ETC FOR ALL KITCHEN EQUIPMENT ITEMS
- 04 MC TO FURNISH, INSTALL & CONNECT ALL WATER, DRAIN, INDIRECT DRAIN LINES, ETC FOR ALL KITCHEN EQUIPMENT ITEMS
- 05 MC TO FLUSH ALL LINES BEFORE MAKING FINAL CONNECTIONS
- 06 SEE ARCHITECT DRAWINGS FOR CONTINUATION OF PLUMBING OUTLETS
- 07 ROUGH IN REQUIREMENTS FOR OTHER ITEMS ARE TO BE SET FORTH BY OTHERS
- 08 ALL ROUGH IN MATERIAL SHALL BE RUN UNDEPOSED
- 09 KEC TO FURNISH & INSTALL 3/4" TYPE "K" COPPER DRAIN LINE FOR WALK-IN COOLER & FREEZER BLOWER COIL - SLOPE DRAIN LINES TO LOWEST POINT
- 10 KEC TO BEGIN UP IN TO FREEZER & COOLER COMPARTMENTS
- 11 KEC TO PROVIDE & SEAL ALL PENETRATIONS THRU BUILDING ROOF, WALLS, ETC
- 12 MC TO INSTALL ALL HAND SINKS & MOP SINKS
- 13 MECHANICAL ENGINEER TO DETERMINE GAS FEEDER SIZE FROM METER AND DELIVER 5.0" W.C. PRESSURE AT SERVICE FOR KITCHEN EQUIPMENT.

PLUMBING LEGEND

o	CW	COLD WATER
d	HW	HOT WATER
g	G	GAS
•	DR	DRAIN
•	IDR	INDIRECT DRAIN, MC EXTEND TO FD/FS
•	FD	FLOOR DRAIN
•	FFD	FINNEL FLOOR DRAIN
■	FS	FLOOR SINK W/ GRATE TOP SIZE SHOWN
■	AFF	ABOVE FINISHED FLOOR
■	BTC	BRANCH TO CONNECTION
■	DFA	DROP FROM ABOVE
■	KEC	KITCHEN EQUIPMENT CONTRACTOR
■	MBH	000'S BRITISH THERMAL UNIT PER HOUR
■	MC	MECHANICAL CONTRACTOR
■	SV	SOLVED VALVE
■	VIB	VACUUM BREAKER
■	GT	GREASE TRAP

KITCHEN EQUIPMENT PLUMBING PLAN

SCALE: 1/4" = 1'-0"



1

2

3

4

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ADDL

ADDITIONAL

AF

ABOVE FINISHED FLOOR

AR

ANCHOR ROD

ARCH

ARCHITECTURAL

BL

BASE PLATE

BT

BOTTOM OF FOOTING

BFF

BELOW FINISHED FLOOR

BUILD

BUILDING

BOS

BOTTOM OF STEEL

BOT

BOTTOM

BP

BOTTOM OF PIER

BRG

BEARING

BTW

BETWEEN

C

CHANNEL SHAPE (i.e. C8x11.5)

C

COLD-FORMED SHAPE

C.G.

CENTER OF GRAVITY

CJ

CENTER-TO-CENTER JOINT

CL

CENTERLINE

CLG

CEILING

CLR

CLEAR

CMU

CONCRETE MASONRY UNIT

COL

COLUMN

CONC

CONCRETE

CONC

CONNECTION

CONST

CONSTRUCTION

CONT

CONTINUOUS

DBL

DOUBLE

DIG

DEGREES

DIAM

DIAMETER

DM

DIMENSION

DLH

DEEP LONGSPAN JOIST (i.e. 600x112)

DTL

DETAIL

DWLS

DOWELS

EA

EACH

ERC

EXTENDED BOTTOM CHORD

EJ

EXPANSION JOINT

EL

ELEVATION

ELEV

ELEVATION

EMBED

EMBEDMENT LENGTH

EOB

EDGE OF SLAB

ERECT

ERECT

EW

EACH WAY, EACH FACE

EXIST

EXISTING

EXP

EXPANSION

EXT

EXTERIOR

FAS

FROM ADJACENT SPAN

FD

FLOOR DEBRIS

FF

FINISHED FLOOR

FPE

FINISHED FLOOR ELEVATION

FIN FTR EL

FINISHED FLOOR ELEVATION

FS

FACE SIDE

FTG

FOOTING

FV

FIELD VISION

FV

FIELD YIELD STRENGTH

G

JOIST GIRDER (i.e. 24G87K)

GA

GAUGE

GBR

GRADE BEAM

H

HORIZONTAL

HP

H-PILE SHAPE (i.e. HP806)

HS

HEADED STUD

HSS

HOLLOW STRUCTURAL SECTION (STEEL)

IS

INSIDE

INFO

INFORMATION

INT

INTERIOR

JRE

JOIST BEARING ELEVATION

JT

JOINT

K

K-JOIST (i.e. 12K 5.2)

KR

KR-PIER BRIDGE

KR

KRFS PER FOOT

KCS

CONCRETE BEAR, JOIST (i.e. 19G32 S-1)

ND

NAIL-BED

KCS

KRFS PER SQUARE FOOT

KSI

KRFS PER SQUARE INCH

LLH

LONG-LEG HORIZONTAL

LV

LONG-LEG VERTICAL

LW

LONG-WAY

LWB

LAM. WOOD BEAM (i.e. LW3x11)

NB

NAIL-BED

NATL

NATURAL

NAX

NAIL-MAXIMUM

NC

NAIL, CHANNEL SHAPE (i.e. MC12x10.8)

NC

NAIL, MOMENT CONNECTION

MECH

MECHANICAL

MFR

MANUFACTURER

MN

MISCELLANEOUS

MN

MILES PER HOUR

MTL

METAL

N

JOIST SPACES ON GIRDER

N.S.

NON-SHOWN

NO

NUMBER

NS

NEAR-SIDE

NTS

NOT TO SCALE

O.C.

ON-CENTER

OS

OUTSIDE

OD

OUTSIDE DIAMETER

OPND

OPENING

OPP

OPPOSITE

OSB

ORIENTED STRAN BOARD

PR

DRILLED PIER (18" DIA. IN INCHES)

PT

POST-TENSIONED

PR

FACE FOOTING (18" DIA. IN INCHES)

PL

PLATE

PSF

POUNDS PER SQUARE FOOT

PSI

POUNDS PER SQUARE INCH

R

RADIUS

REF

REFERENCE

REF

REINFORCING

REQD

REQUIRED

RTU

ROOF TOP UNIT

S

STANDARD STEEL SHAPE (i.e. S10x30)

TYP

STEEL JOIST (i.e. 10K 5.1)

SCHED

SCHEDULE

SECT

SECTION

SH

COLD-FORMED HAT SHAPE

SM

SMALL

SJ

SEAM-CONTROL JOINT

SO

SPOTTER

STIFF

STIFF

SW

SHORT WAY

T&B

TOP AND BOTTOM

T&G

TONGUE AND GROOVE

TEMP

TEMPERATURE

TF

TOP OF FOOTING

TOC

TOP OF COLUMN

TOC

TOP OF CONCRETE

TOM

TOP OF MASONRY

TOS

TOP OF STEEL

TP

TOP OF PIER

TS

TUBE STEEL SHAPE (i.e. TS6x4x14)

UNO

UNLESS NOTED OTHERWISE

VER

VERTICAL

VST

VERTICAL

VS

VS JOIST (i.e. 2 VS1)

W

WIDE FLANGE SHAPE (i.e. W8x10)

W

WITH

WP

WORK POINT

WT

WELDED (i.e. WT6x13)

WVF

WELDED WIRE FABRIC

Z

COLD-FORMED Z SHAPE

ABBREVIATIONS

GENERAL NOTES

1. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND INFORM THE ARCHITECT OF CONFLICTS OR DISCREPANCIES PRIOR TO BIDDING, FABRICATION, AND CONSTRUCTION.

2. IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.

3. THE CONTRACTOR SHALL COORDINATE THE FIELD VERIFICATION OF ALL EXISTING SITE CONDITIONS SUCH AS EXISTING UTILITIES, ETC. WHETHER NOTED OR NOT IN THE CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS, DISCREPANCIES OR UNKNOWN CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.

4. REPRODUCTION OF CONTRACT DRAWINGS, IN ANY FORM, WILL NOT BE ACCEPTED AS SHOP DRAWINGS.

5. REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER-OF-RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL. FOR REVIEW, THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION.

6. CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING IS IN PLACE.

7. ACI, AISC, AITC AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.

CONCRETE NOTES

CONCRETE REINFORCEMENT

1. CONCRETE REINFORCEMENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.

2. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.

3. PROVIDE THE FOLLOWING PROTECTIVE COVERING FOR ALL REINFORCING BARS UNLESS DETAILED OR NOTED OTHERWISE:

SLAB-ON-GRADE BARS (BOTTOM) 3" CLEAR

BELOW GRADE (CAST AGAINST EARTH) 3" CLEAR

INSIDE BELOW GRADE (FORMED EDGE) 2" CLEAR

WALLS 2" CLEAR

4. DO NOT CUT TIES OR CONTINUOUS BARS TO PROVIDE CLEARANCE FOR EMBEDDED ITEMS OR OTHER OBSTRUCTIONS. INDIVIDUAL BARS AND TIES MAY BE MOVED VERTICALLY UP TO 1" AS REQUIRED TO PROVIDE CLEARANCE FOR EMBEDS, HOOKS, ETC. DO NOT HEAT REINFORCING TO BEND IT.

5. IF DOWELS OR VERTICAL REINFORCING ARE CUT OR SEVERELY BENT, CONTRACTOR MAY BE REQUIRED TO REMOVE THE CONCRETE BACK TO THE PREVIOUS POUR JOINT AND REPLACE THE DAMAGED BARS AND CONCRETE AT THE CONTRACTOR'S EXPENSE.

6. REINFORCEMENT SHALL BE SPLICED ONLY AS SHOWN OR NOTED IN THE CONTRACT DOCUMENTS. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER-OF-RECORD PRIOR TO FABRICATION.

7. REINFORCING BARS MARKED AS CONTINUOUS SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPLICES ONLY.

8. ALL TENSION LAP SPLICES SHALL BE CLASS "B" UNLESS NOTED OTHERWISE.

9. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185. LAP REINFORCEMENT 8 INCHES ON SIDES AND ENDS. MAINTAIN WIRE 1 TO 2 INCHES BELOW TOP SURFACE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE. WELDED WIRE REINFORCEMENT MUST BE PLACED ON CHAIRS OR BOLSTERS AS REQUIRED TO MAINTAIN POSITION IN THE SLAB.

10. ONCE SHOP DRAWINGS HAVE BEEN REVIEWED, DO NOT ADD REINFORCING OR INFORMATION TO PREVIOUSLY SUBMITTED SHEETS FOR SUBSEQUENT SUBMITTALS UNLESS SHOP DRAWINGS ARE BEING RESUBMITTED AFTER BEING RETURNED "NOT REVIEWED".

11. WHERE ANCHOR RODS ARE CAST INTO CONCRETE, PROVIDE SUPPLEMENTAL REINFORCING EACH WAY, TIED NEAR THE TOP AND BOTTOM OF ALL ANCHOR RODS TO THE ADJACENT REBAR TO SECURE RODS DURING CONCRETE PLACEMENT. (MINIMUM SIZE #4)

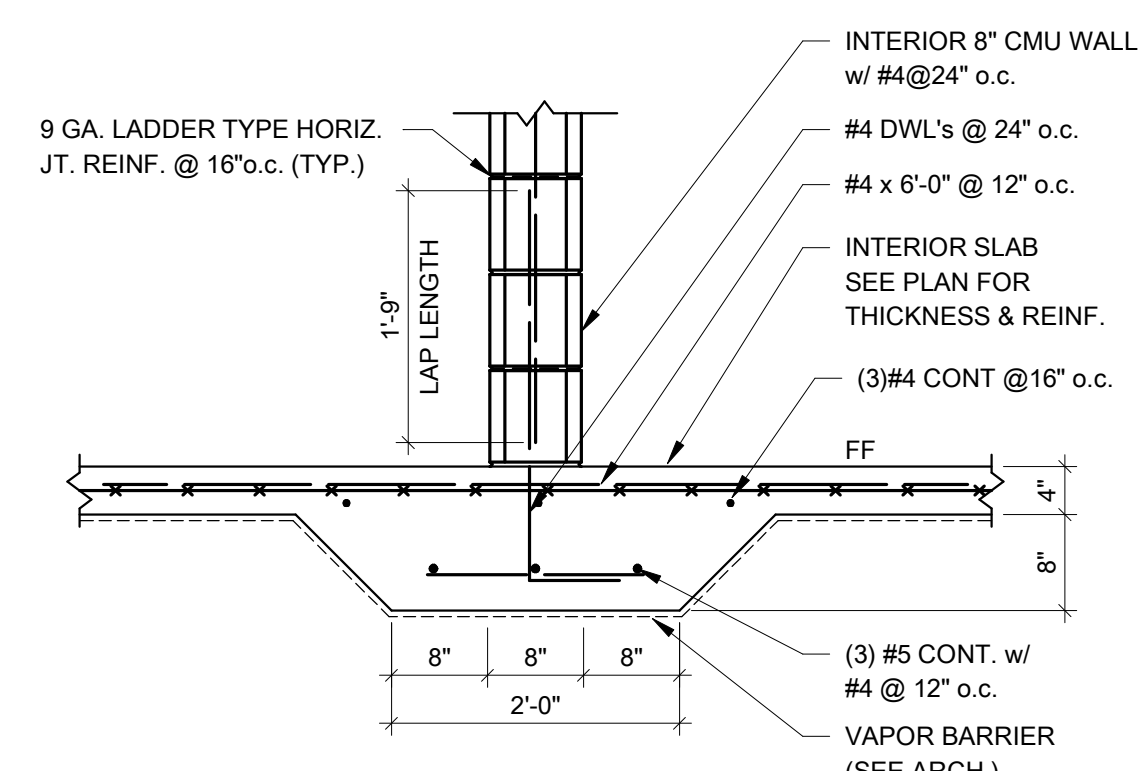
CAST-IN-PLACE CONCRETE

1. CONCRETE SUPPLIER SHALL SUBMIT CONCRETE MIX DESIGN DATA TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.

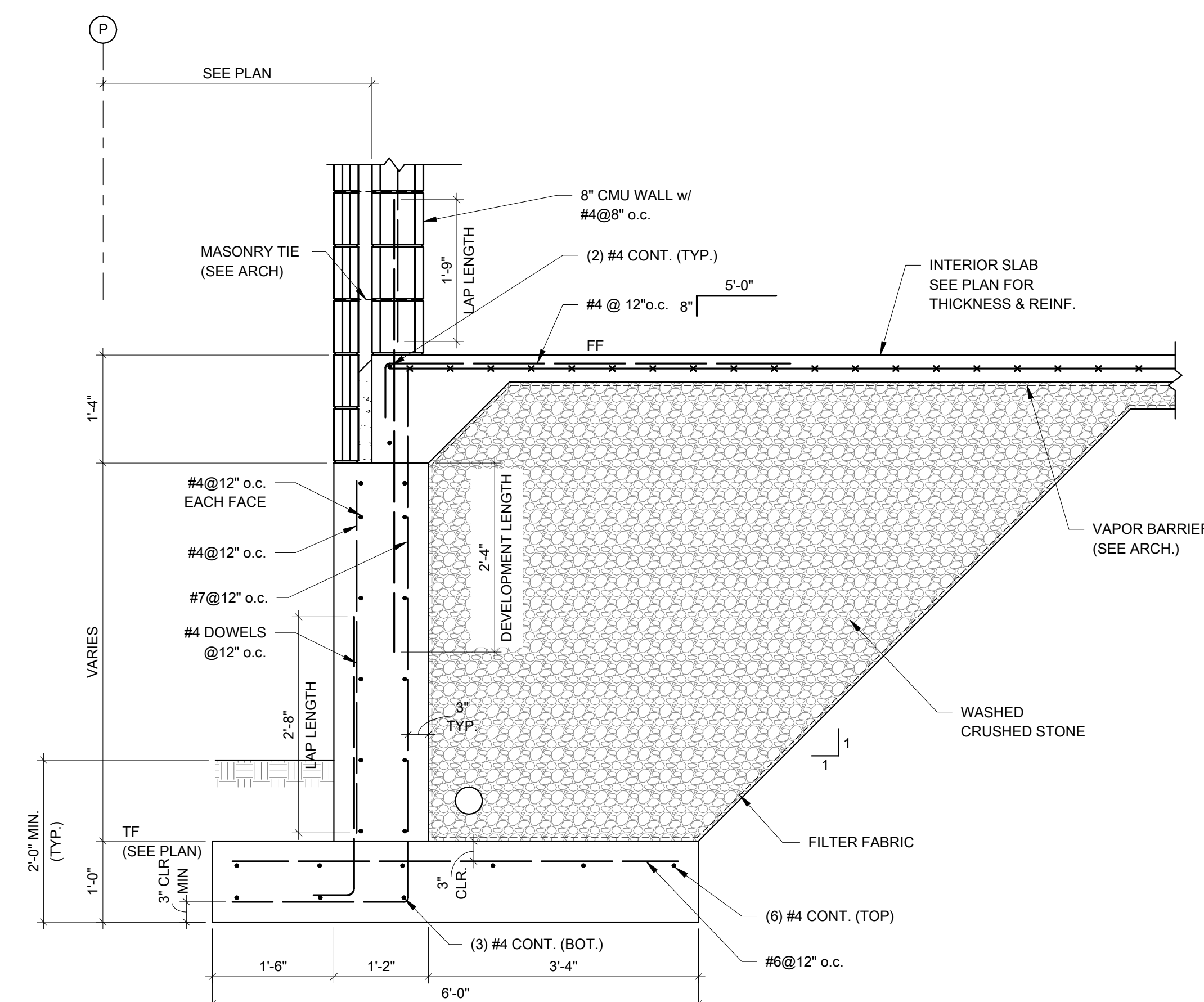
2. CONCRETE SHALL HAVE AT LEAST THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:

A. FOOTINGS, GRADE BEAMS & DRILLED PIERS 3000 PSI

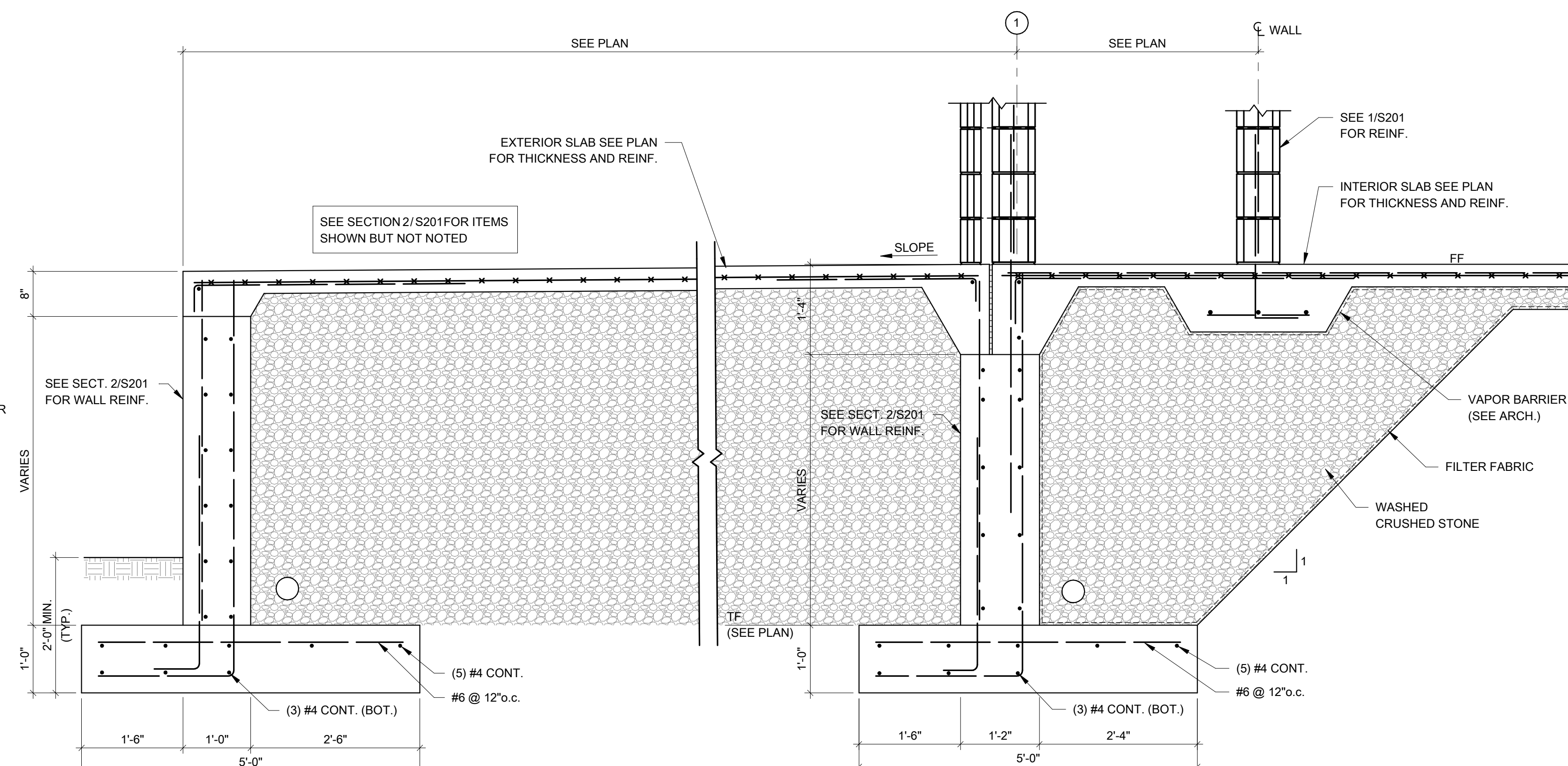
B. REINFORCED



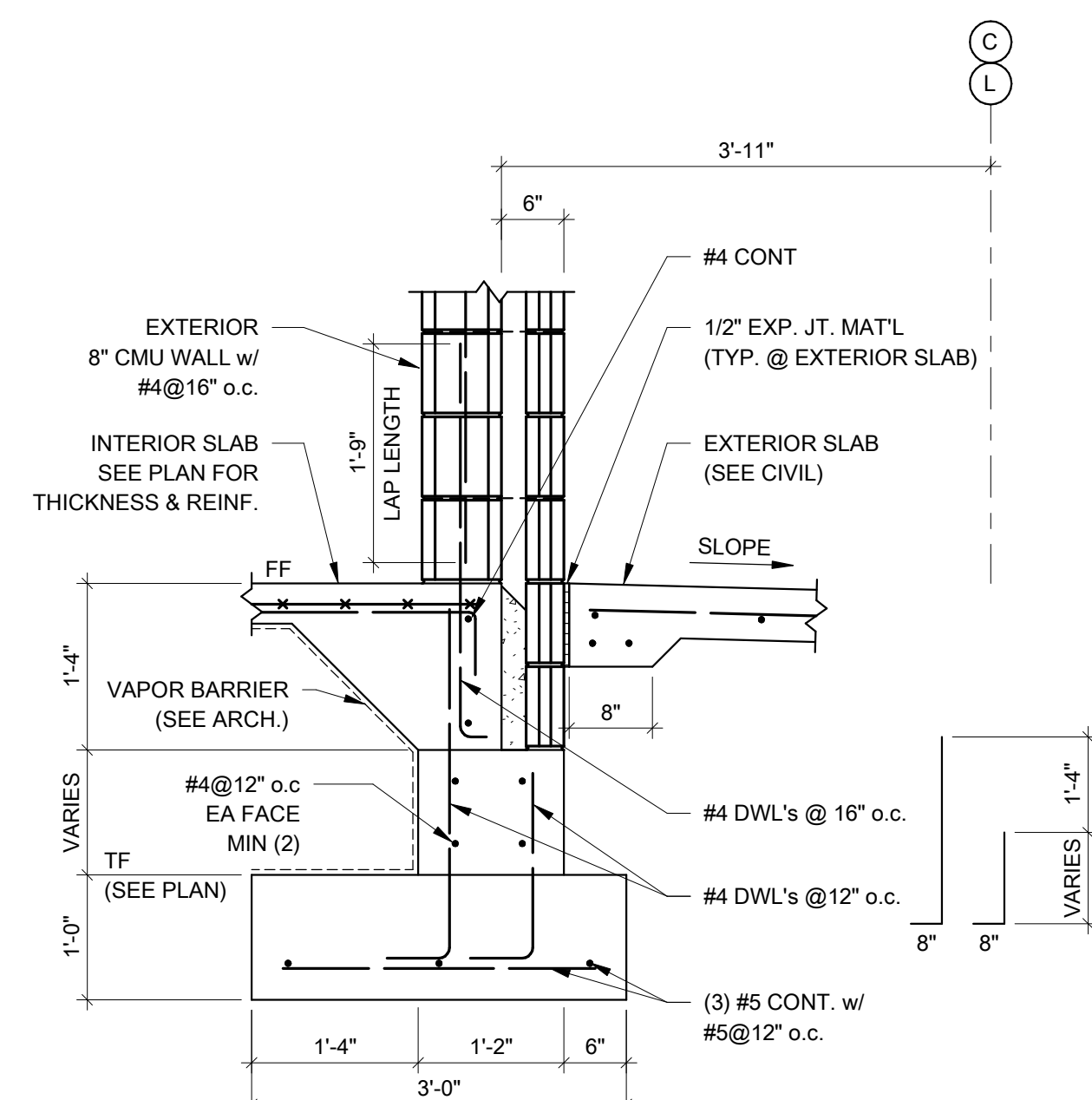
1 SECTION
3/4" = 1'-0"



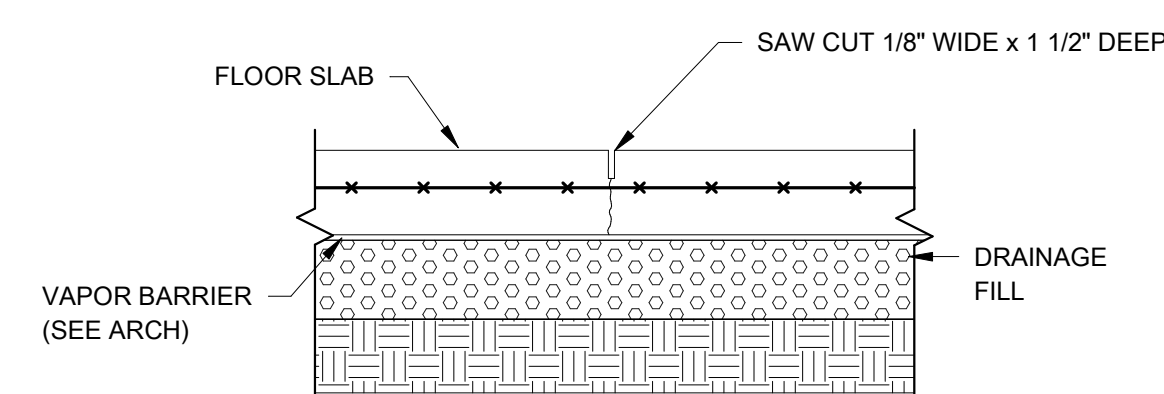
2 SECTION
3/4" = 1'-0"



3 SECTION
3/4" = 1'-0"

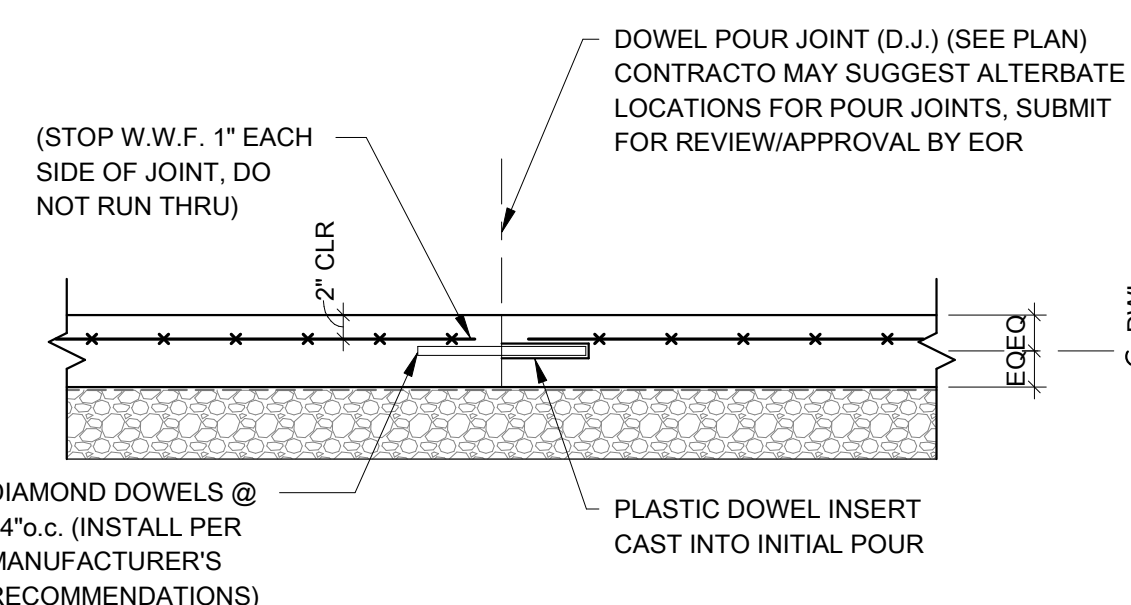


4 SECTION
3/4" = 1'-0"



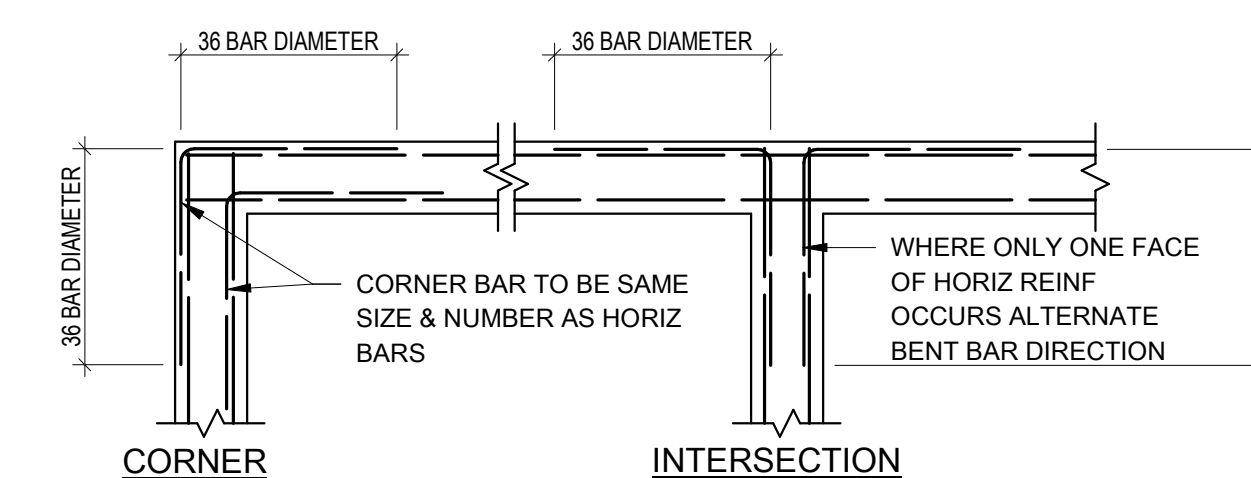
CONTR:
IF SAW JOINTS ARE USED, CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY SLAB IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING.

A CONTROL JOINT DETAIL
3/4" = 1'-0"



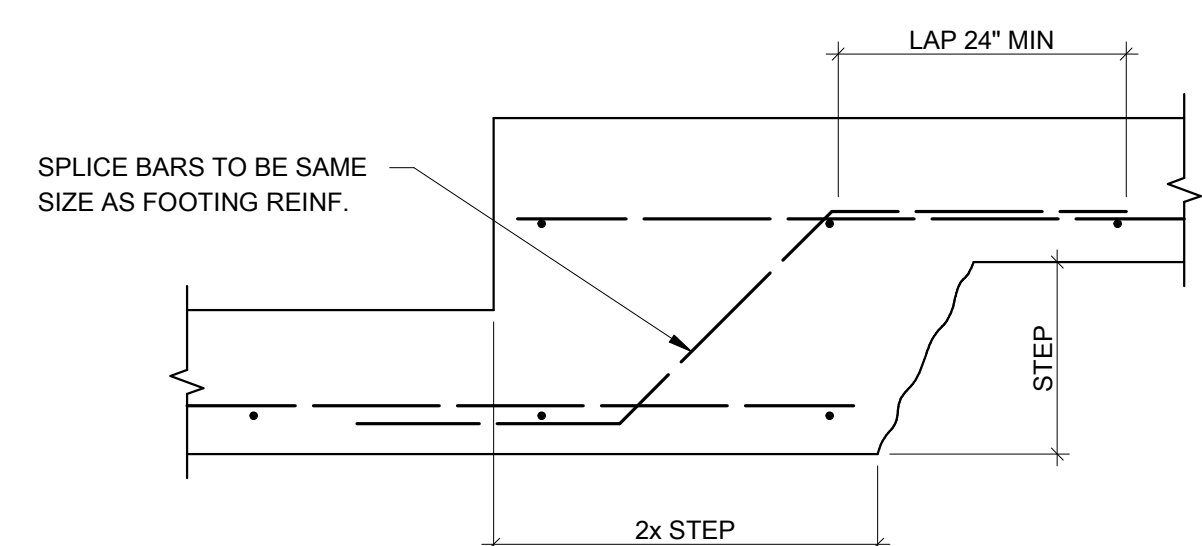
CONTRACTOR:
IF SAW JOINTS ARE USED, CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING.

(B) TYP. CONTROL JOINT w/ DOWELS
3/4" = 1'-0"

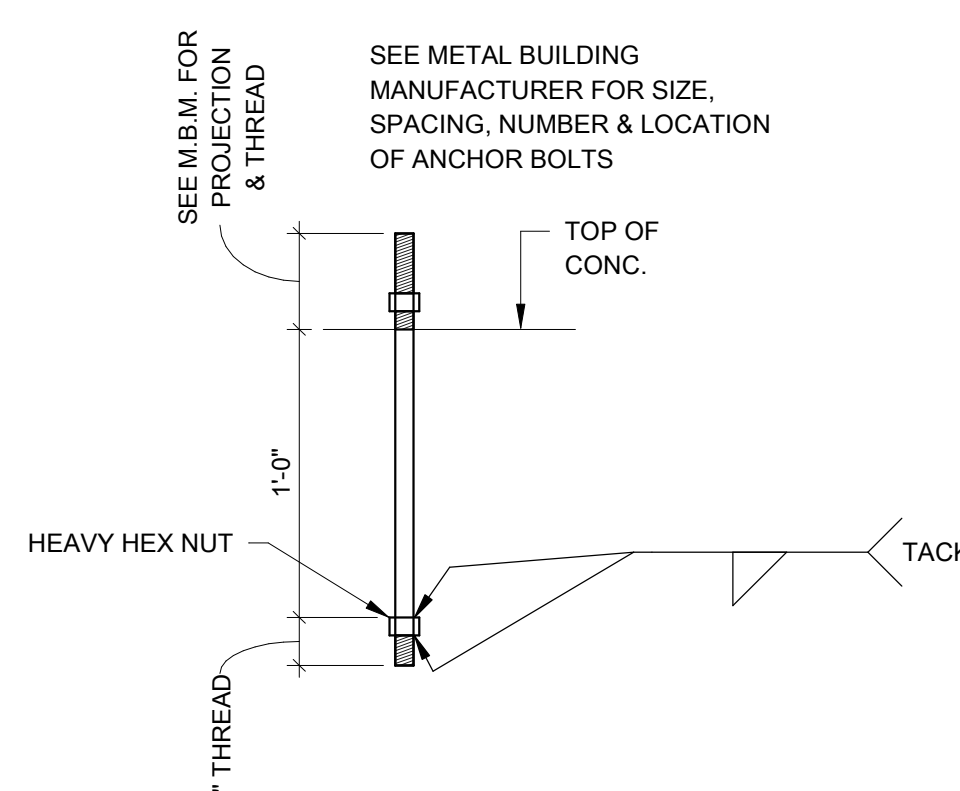


TYPICAL FOR: CONC WALLS
CONC FOOTINGS
THICKENED SLABS
BOND BEAMS
CONC TURNDOWNS

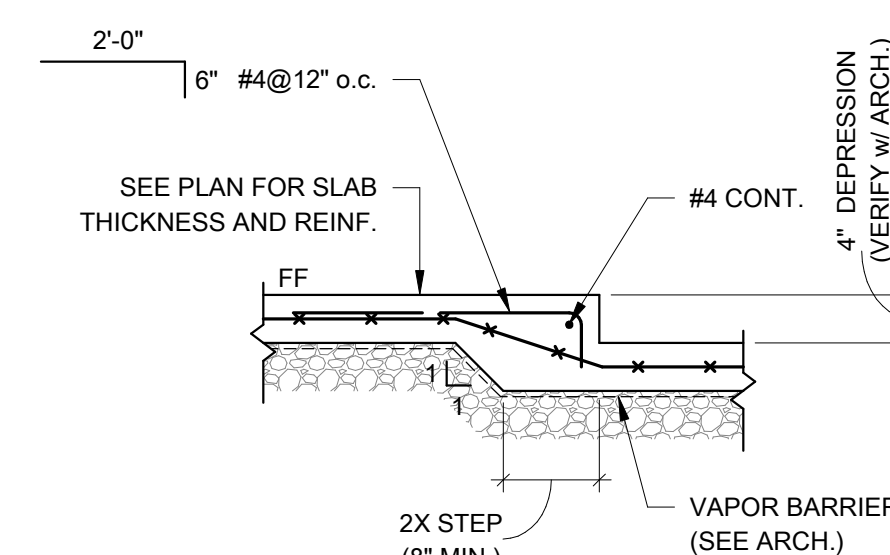
C TYP. CORNER BAR DETAIL
3/4" = 1'-0"



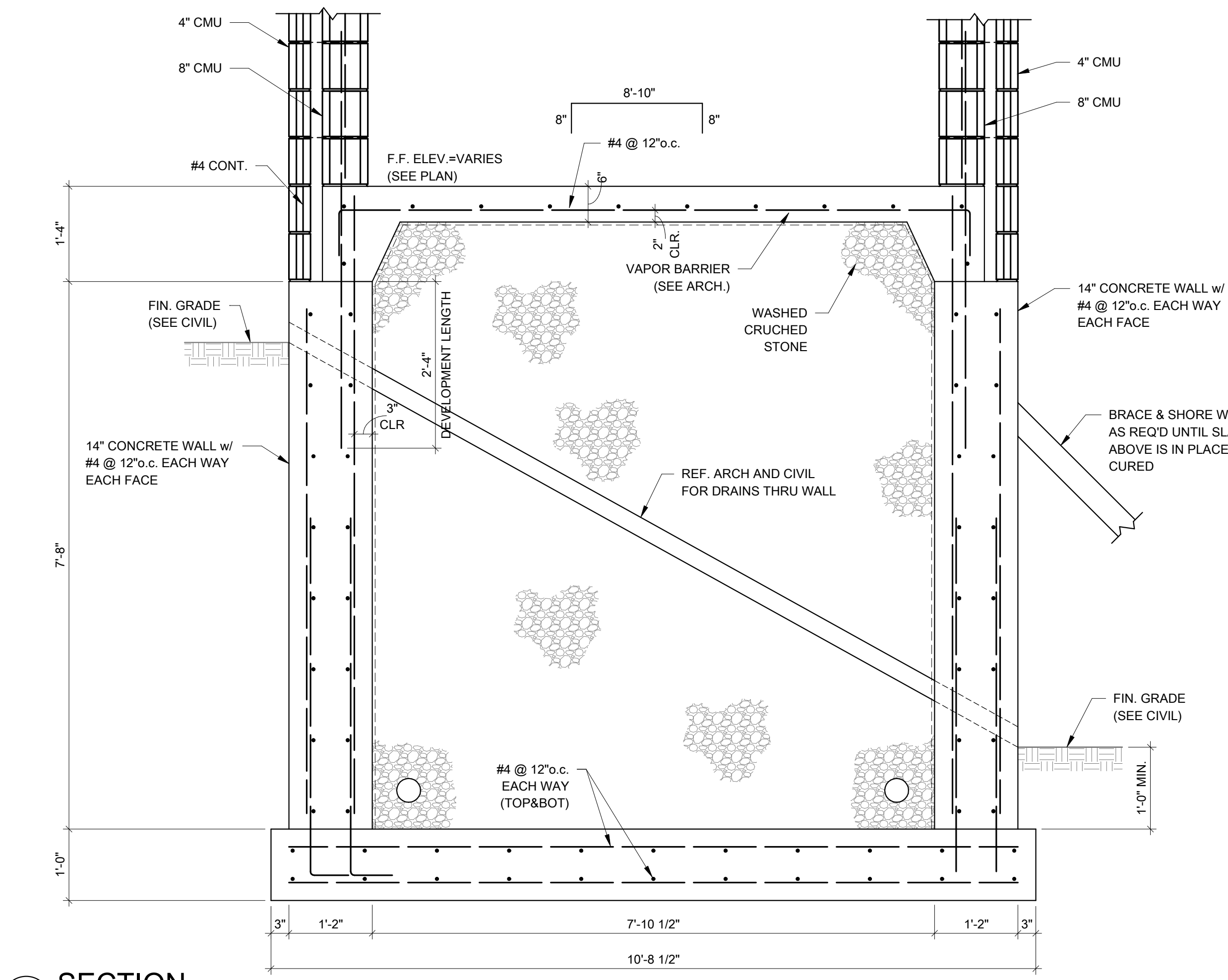
(D) CONT FOOTING STEP DETAIL
3/4" = 1'-0"



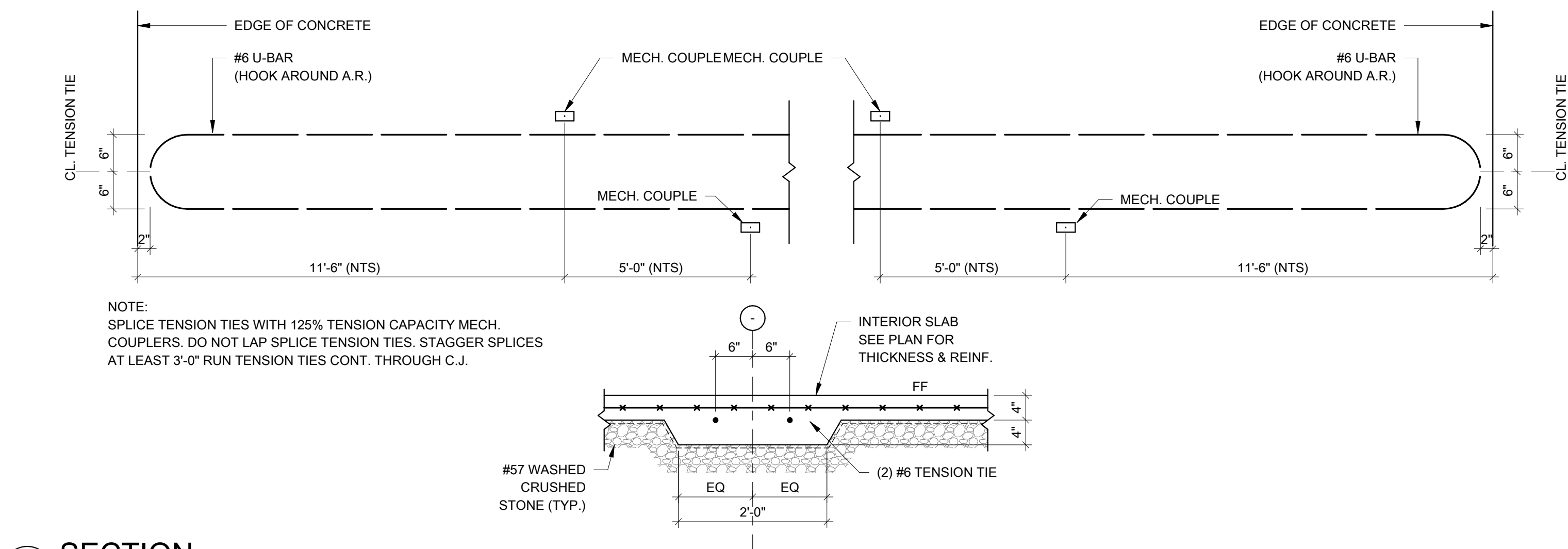
(E) TYP. METAL BLDG. ANCHOR BOLT DETAIL
1 1/2" = 1'-0"



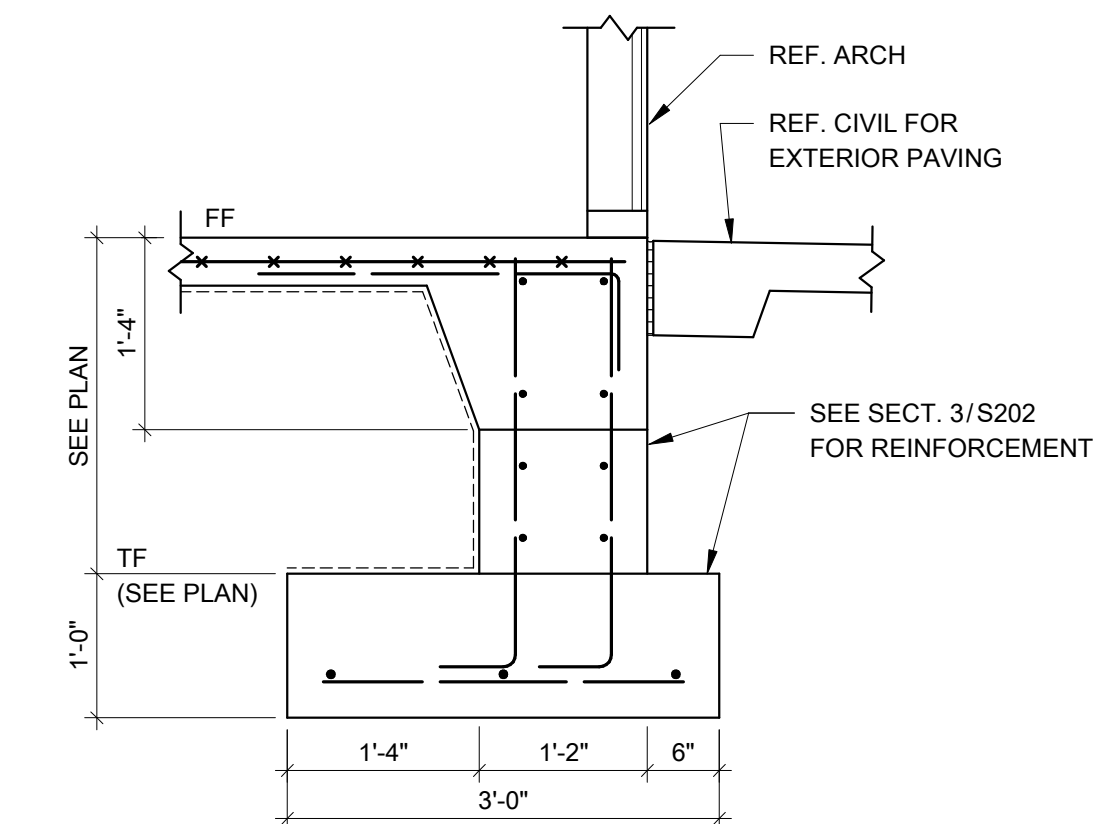
SECTION
3/4" = 1'-0"



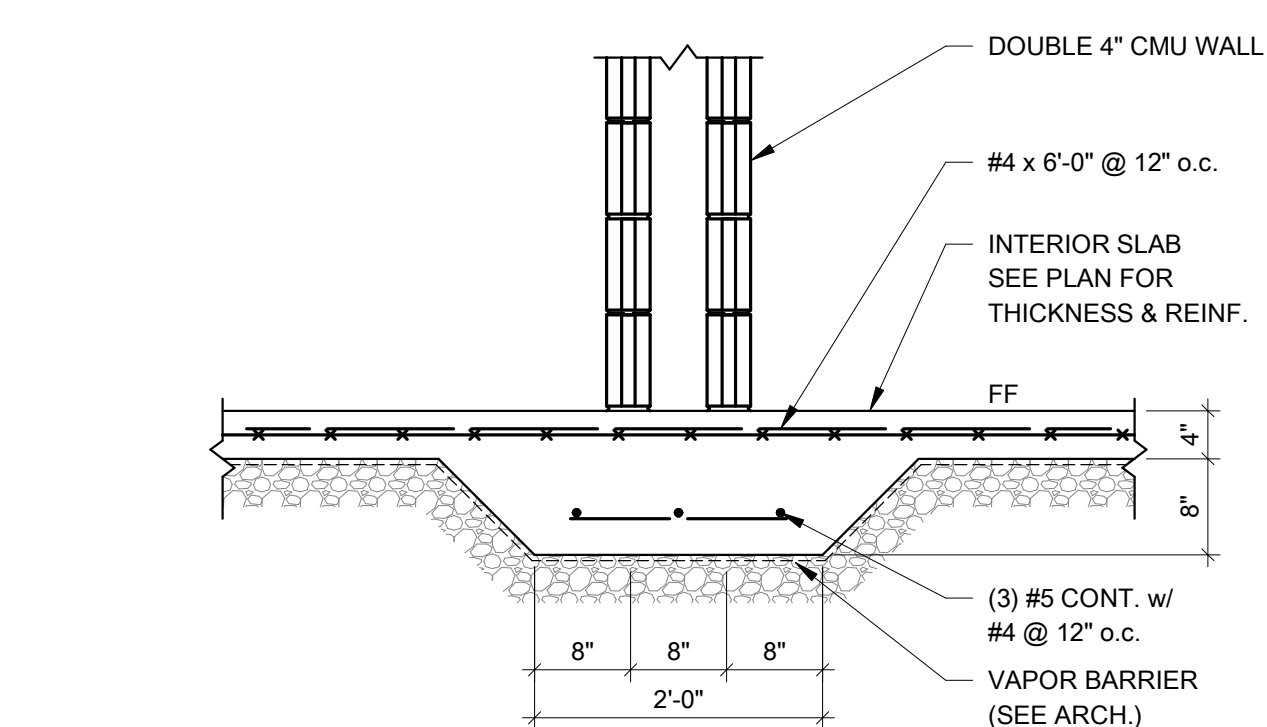
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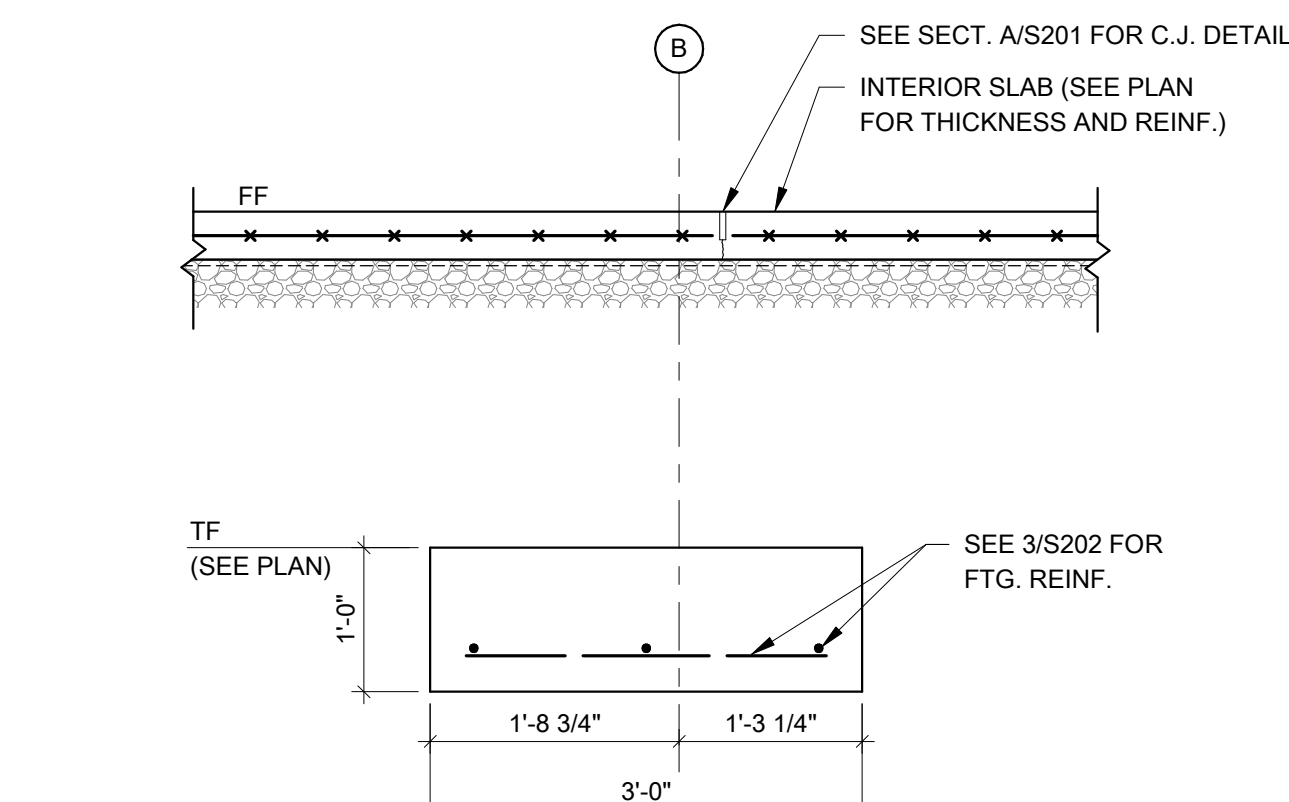
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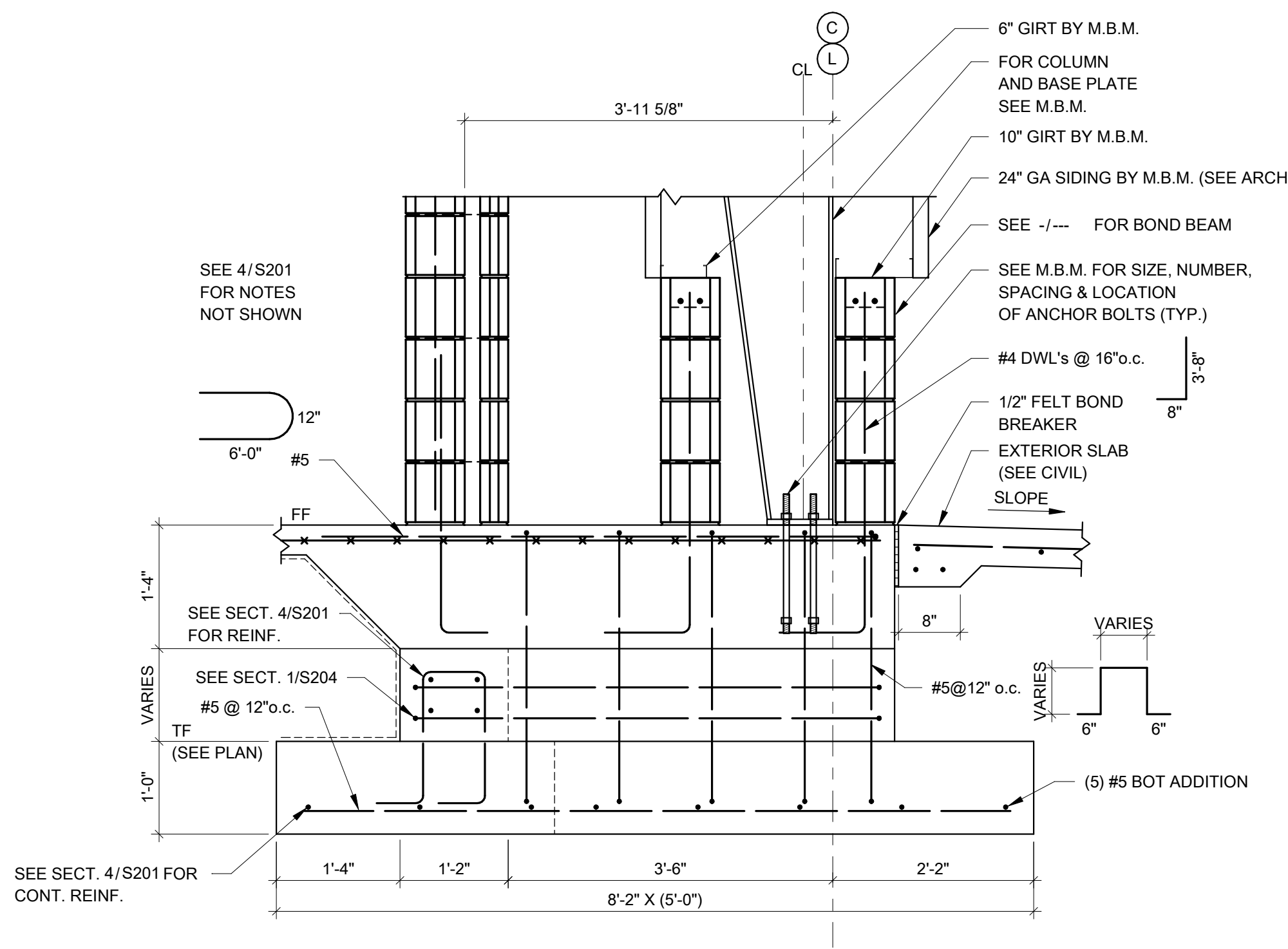
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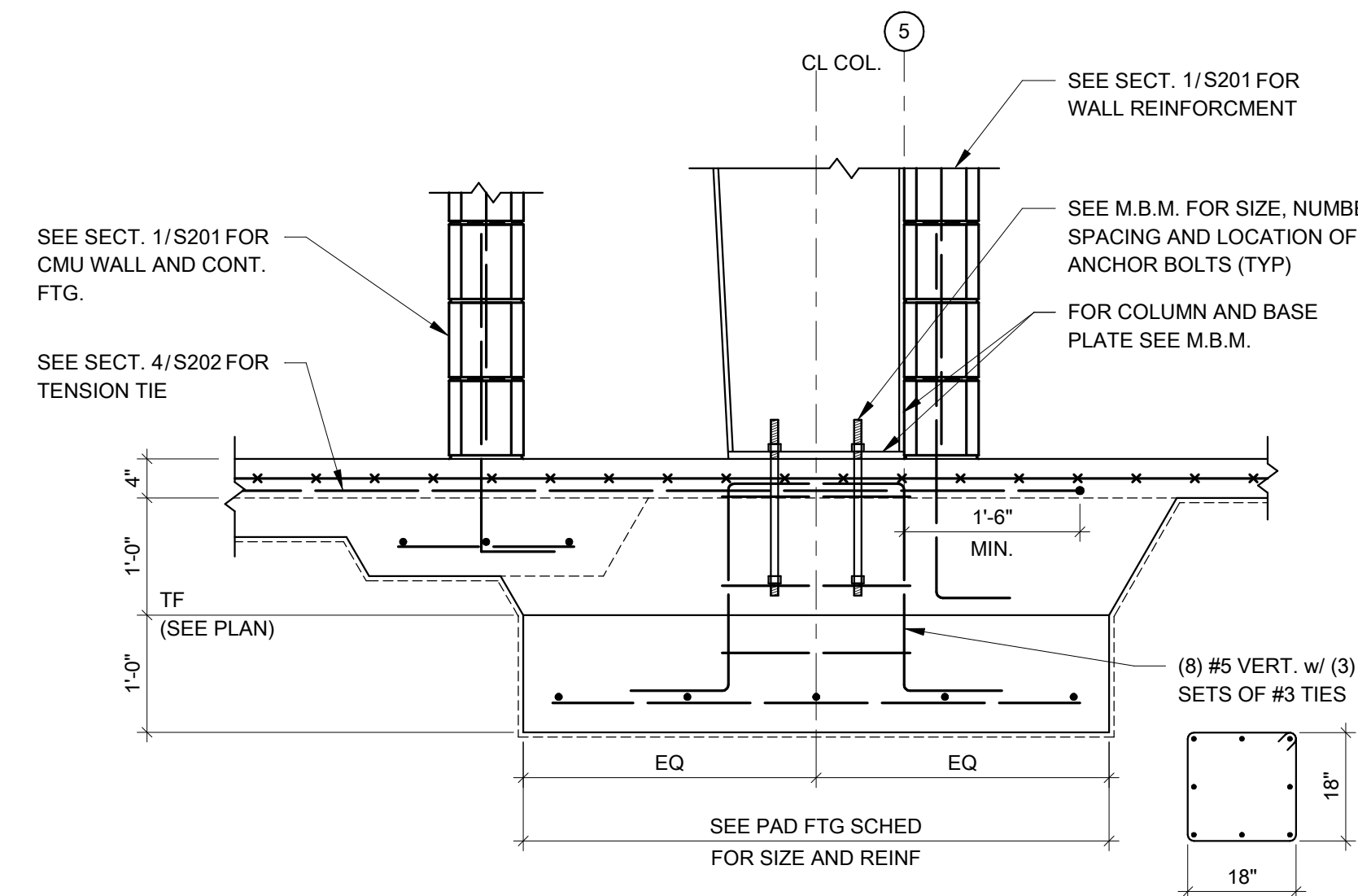
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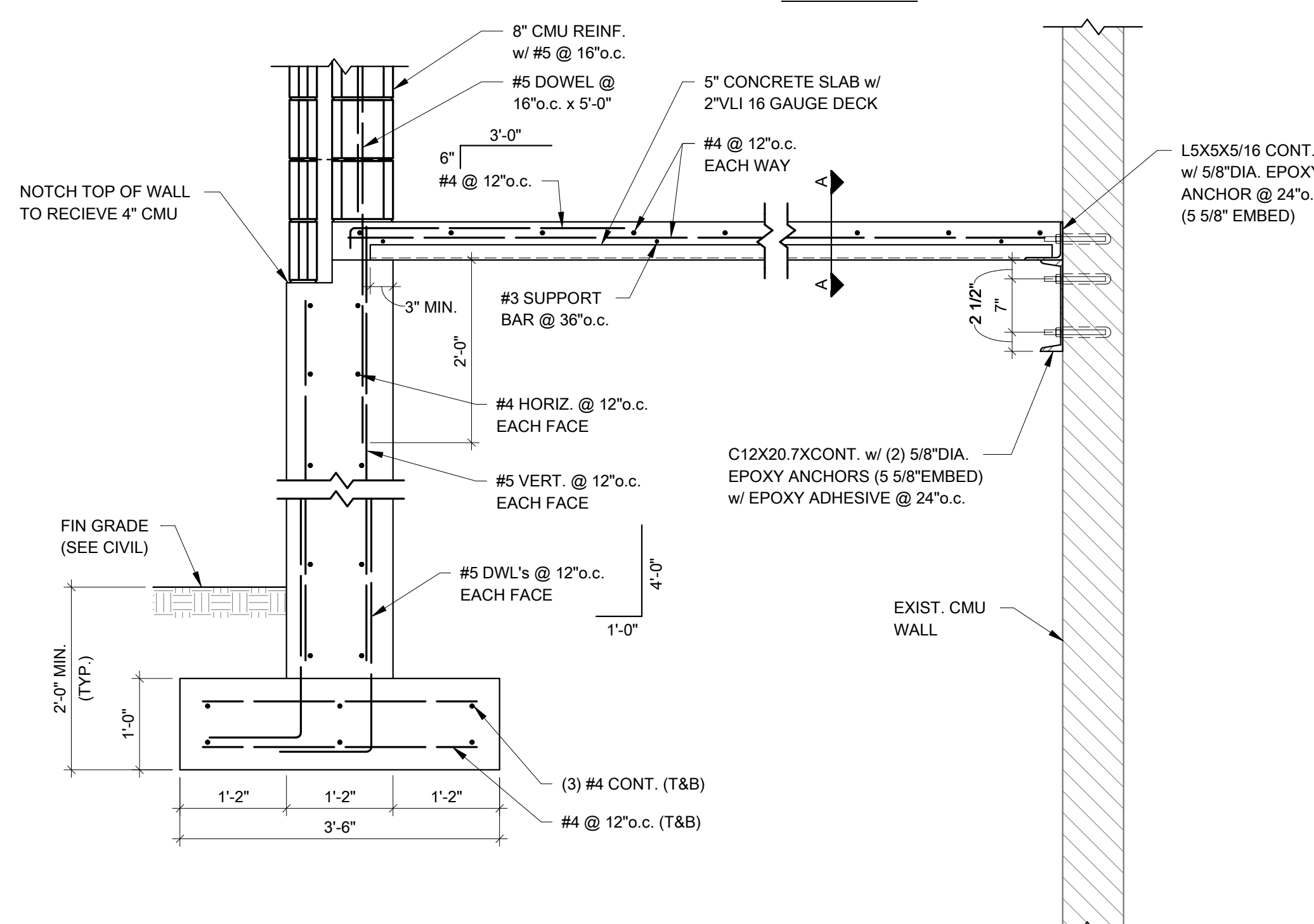
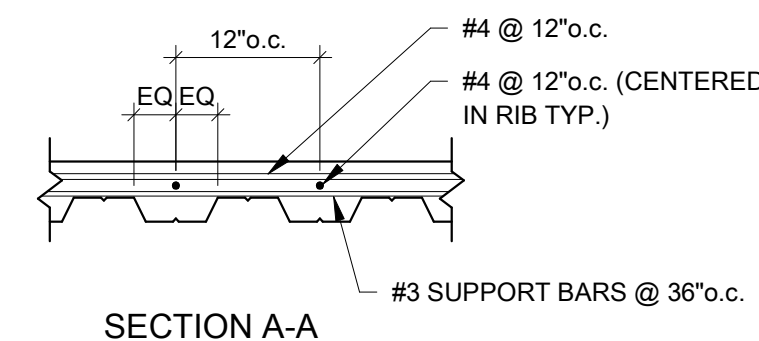
9 SECTION
3/4" = 1'-0"



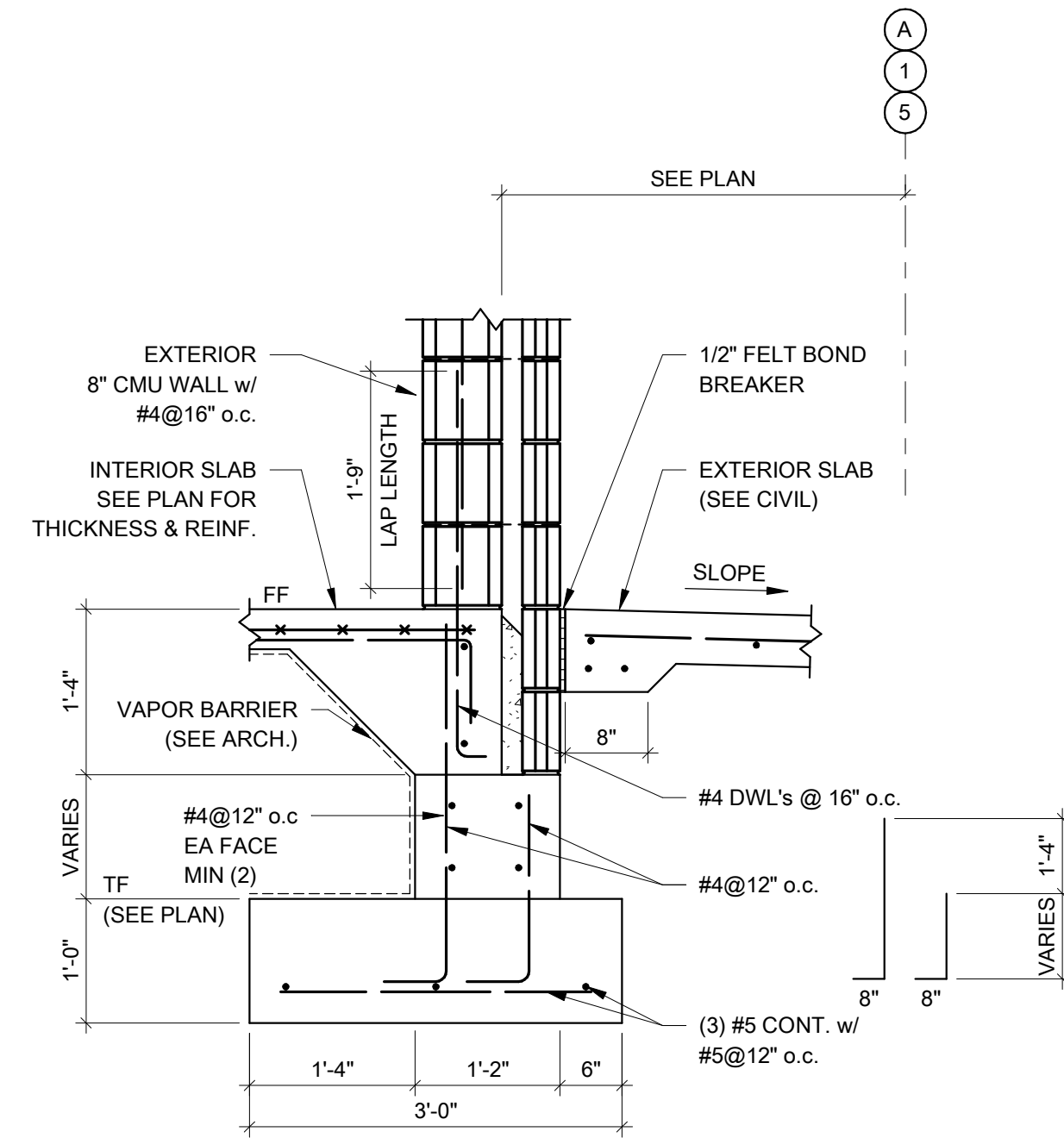
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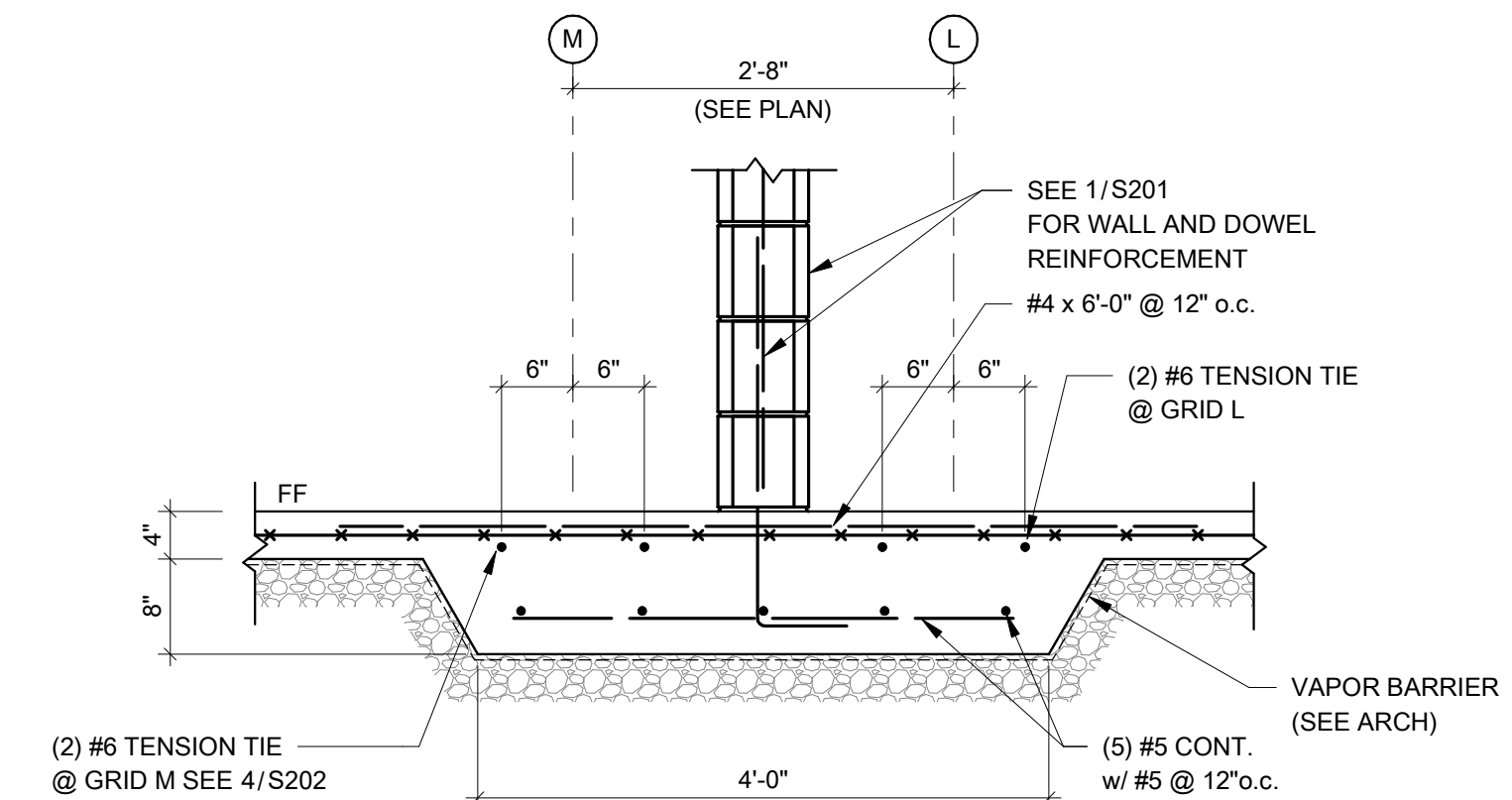
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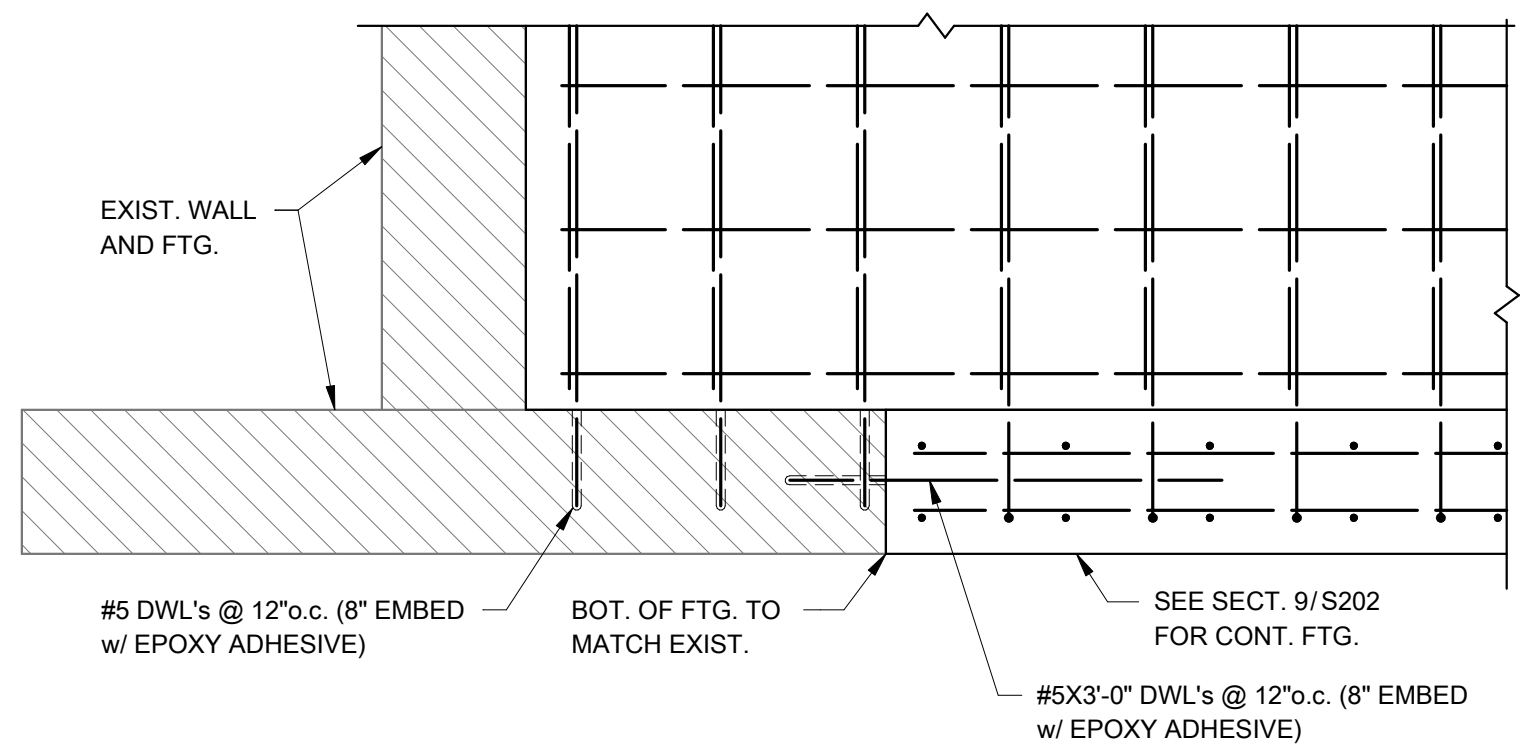
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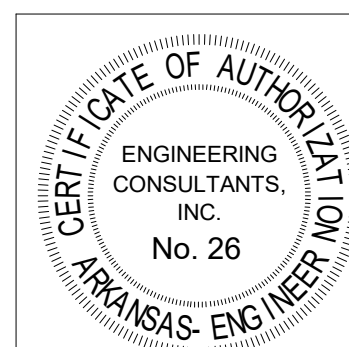
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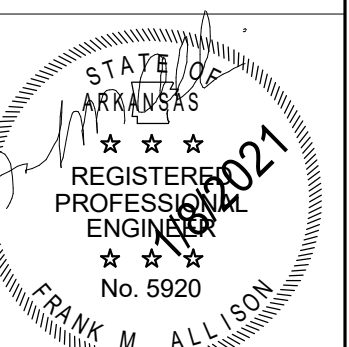
6 SECTION
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"



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CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

FOR HILLCREST SCHOOL DISTRICT.

LYNN SCHOOL CAMPUS, LYNN ARKANSAS

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ISSUE DATE: 12-27-2020

REVISIONS:

NO. DATE

NO.

NO.

NO.

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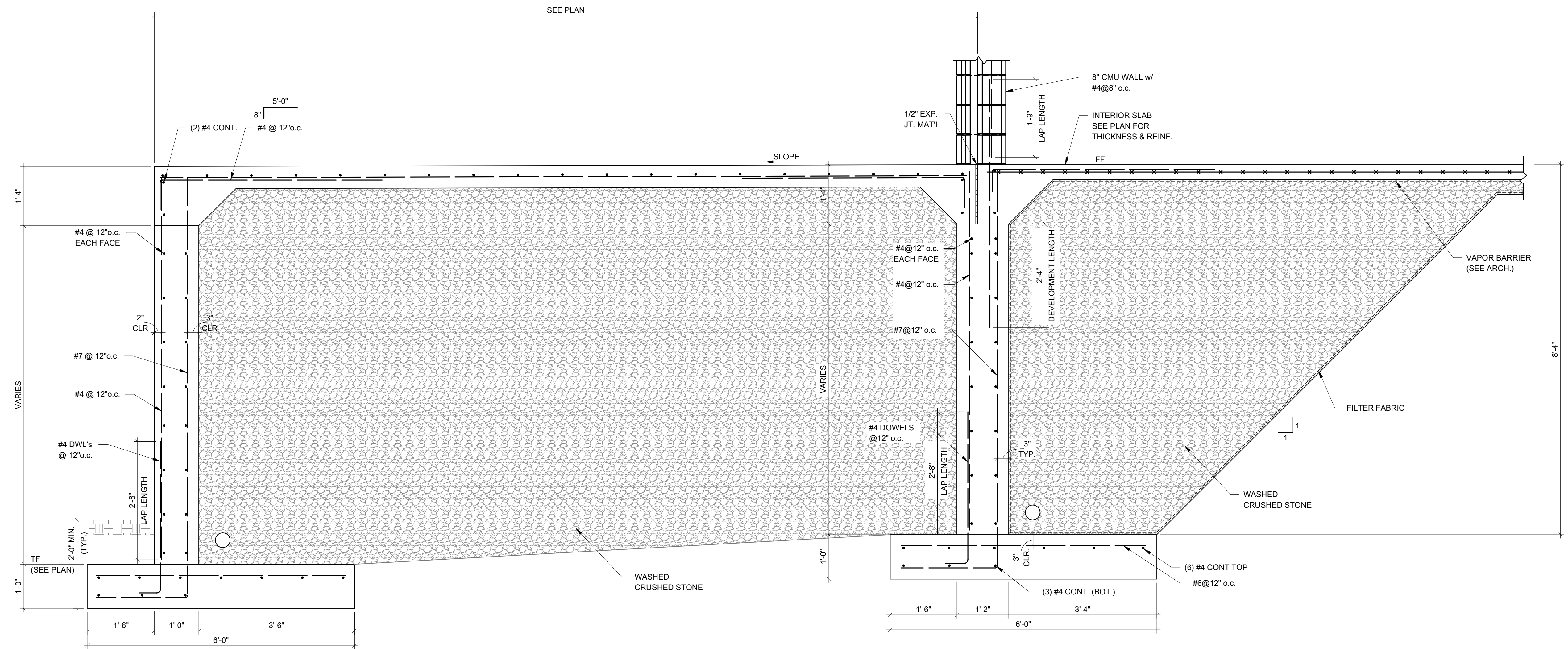
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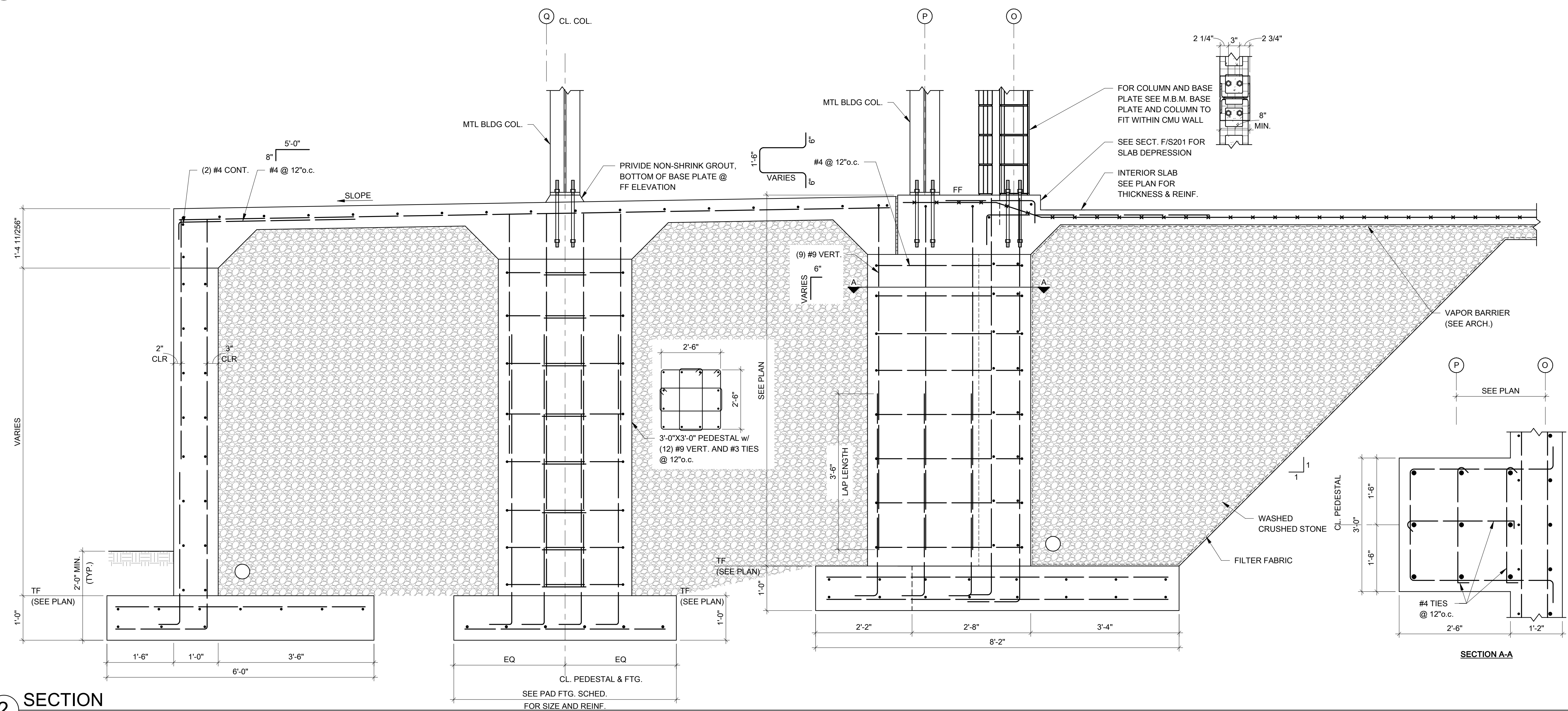
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S202

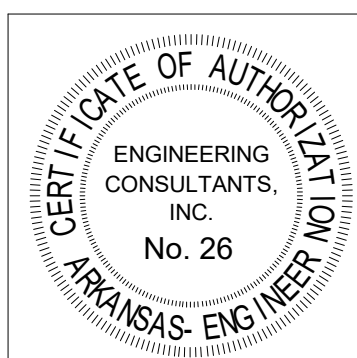
FOUNDATION DETAILS



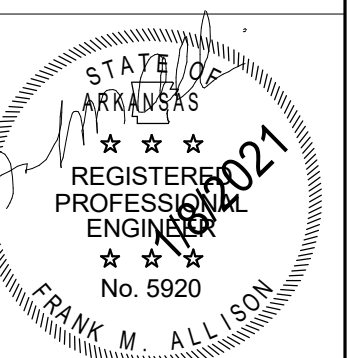
1 SECTION
3/4" = 1'-0"



2 SECTION
3/4" = 1'-0"



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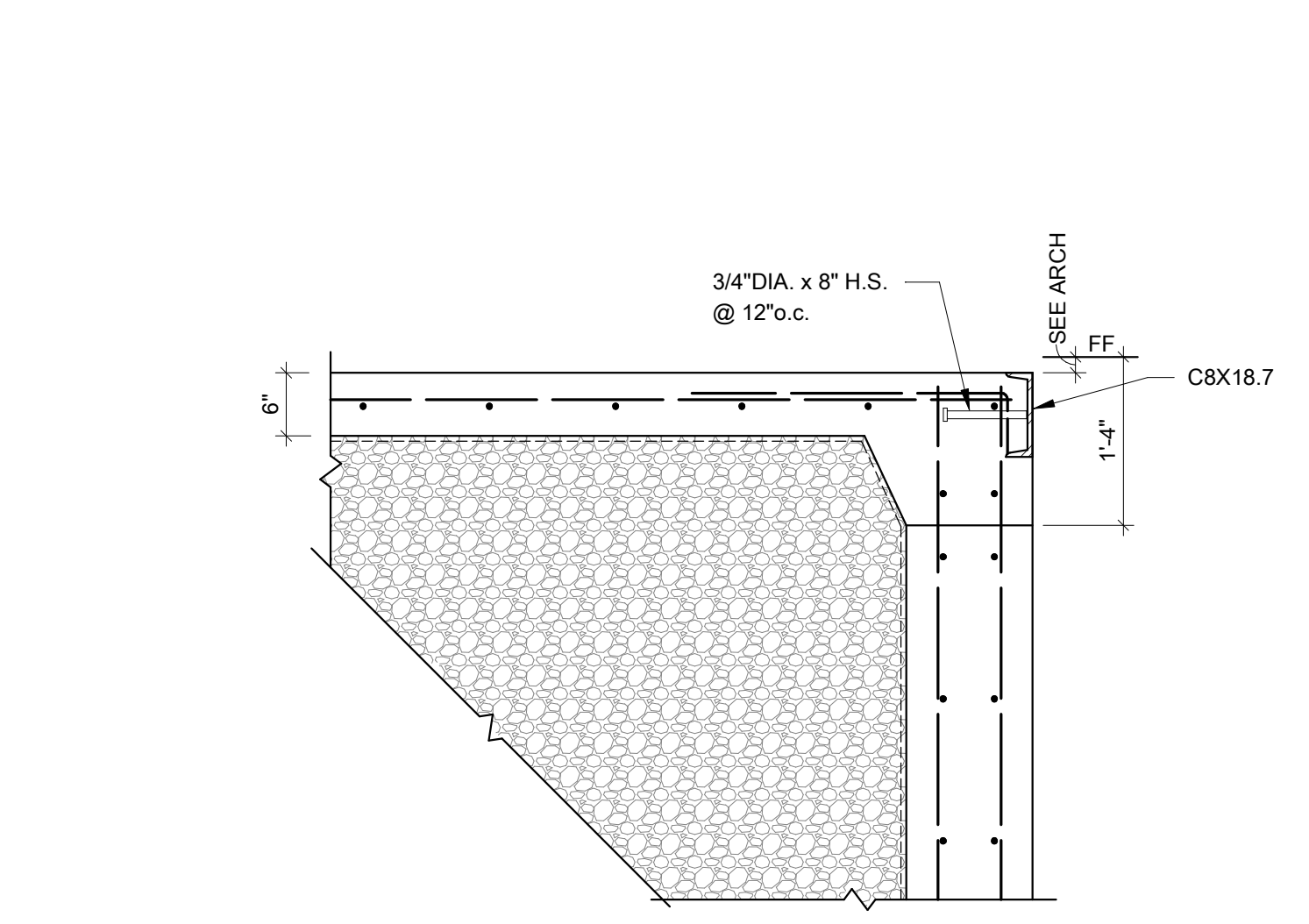
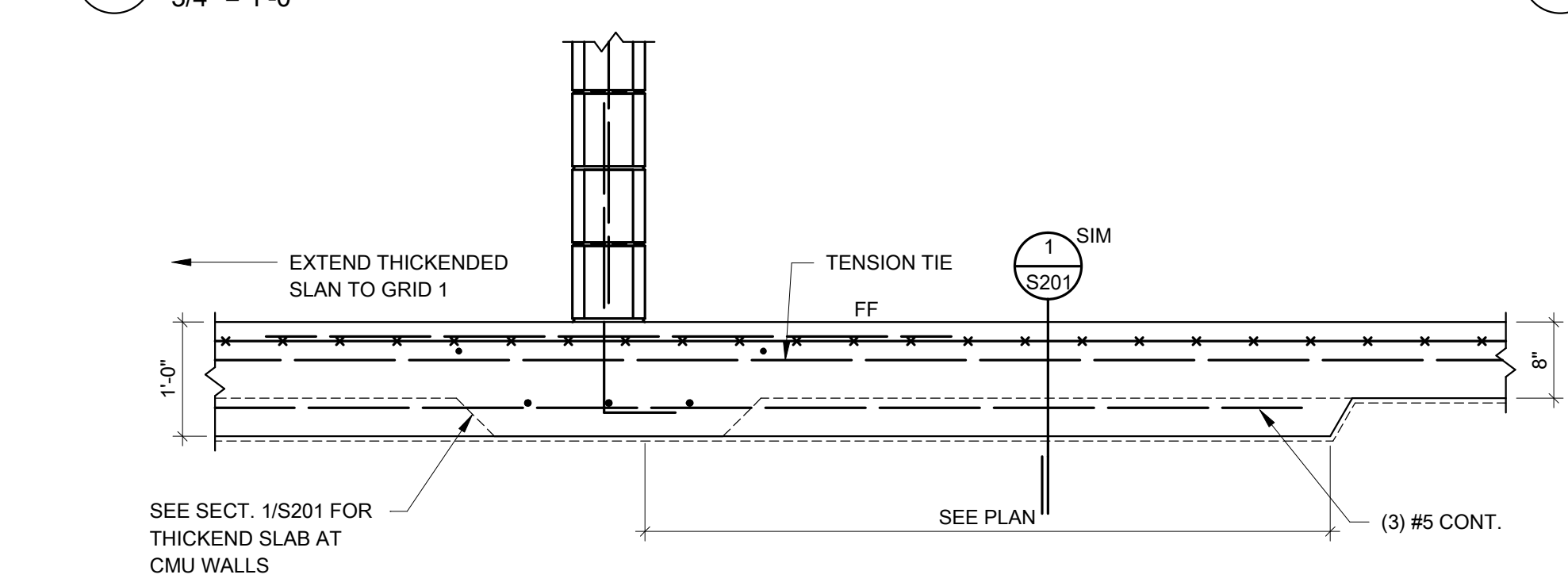
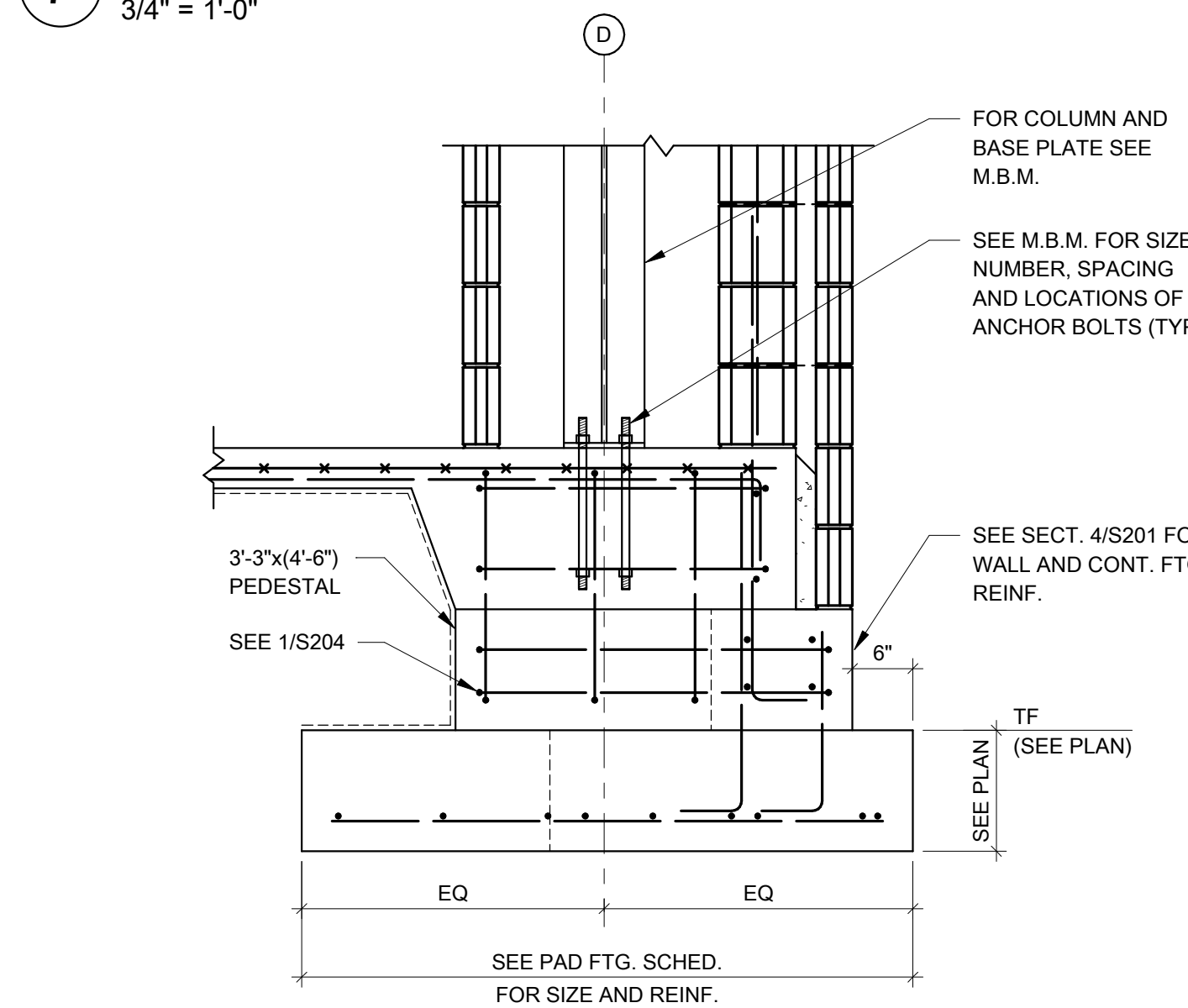
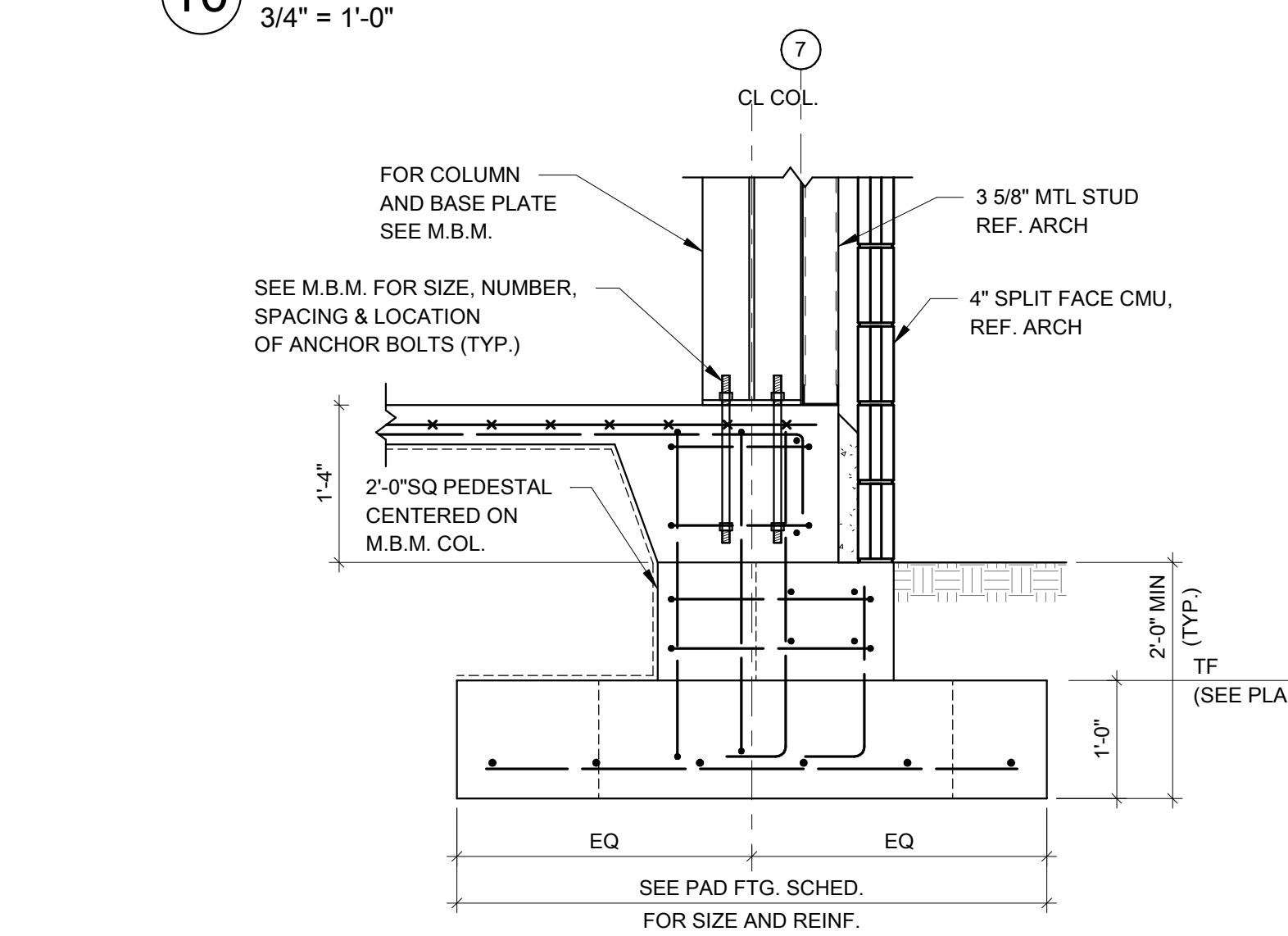
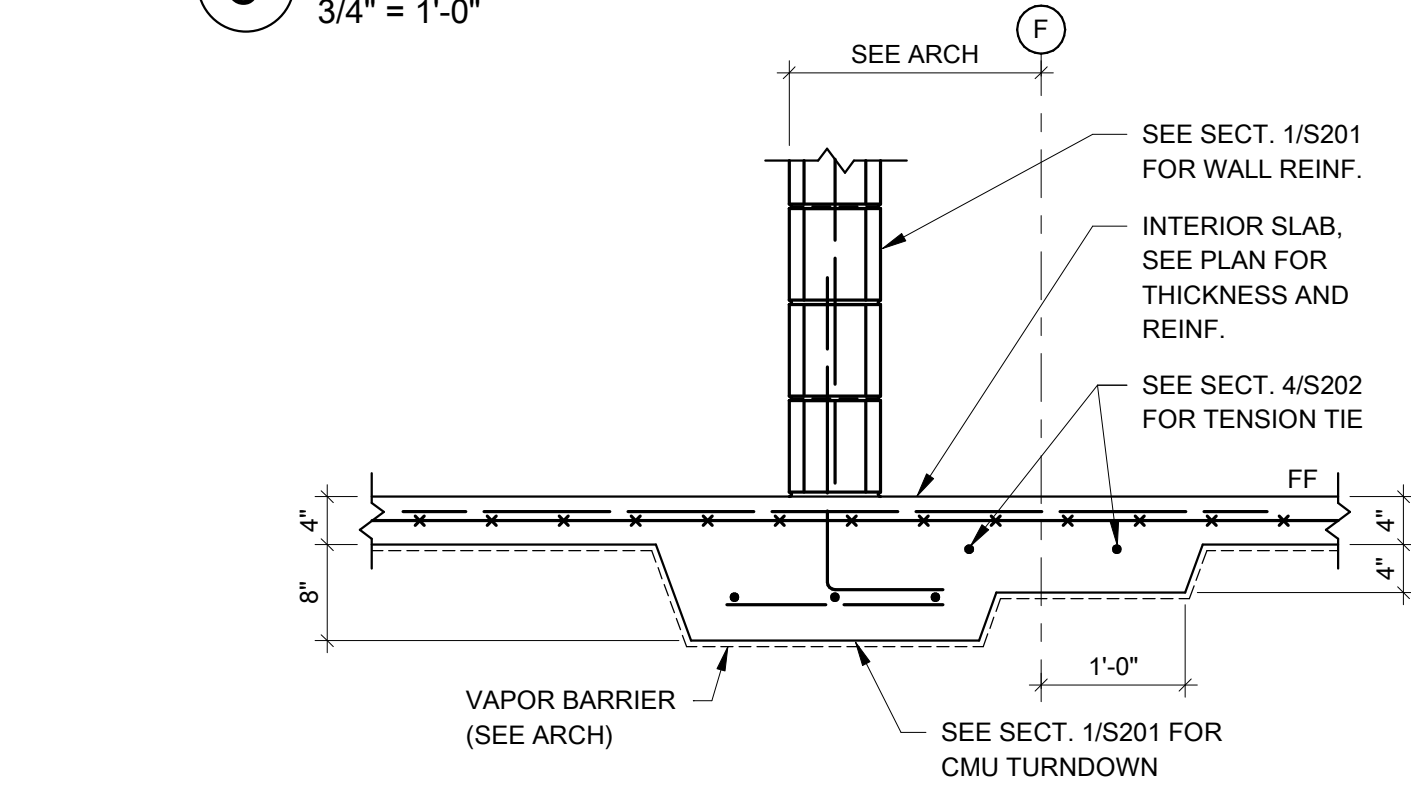
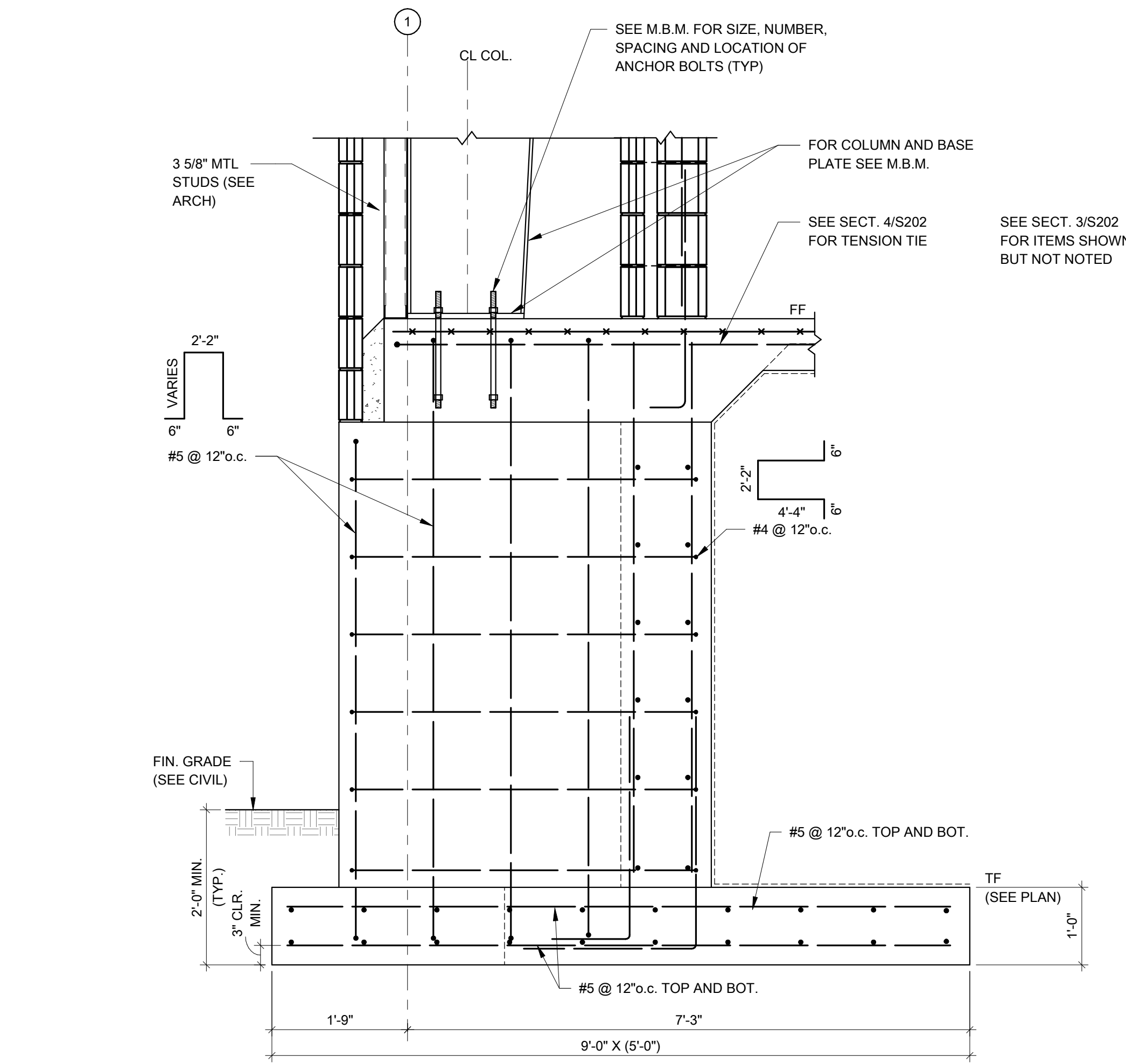
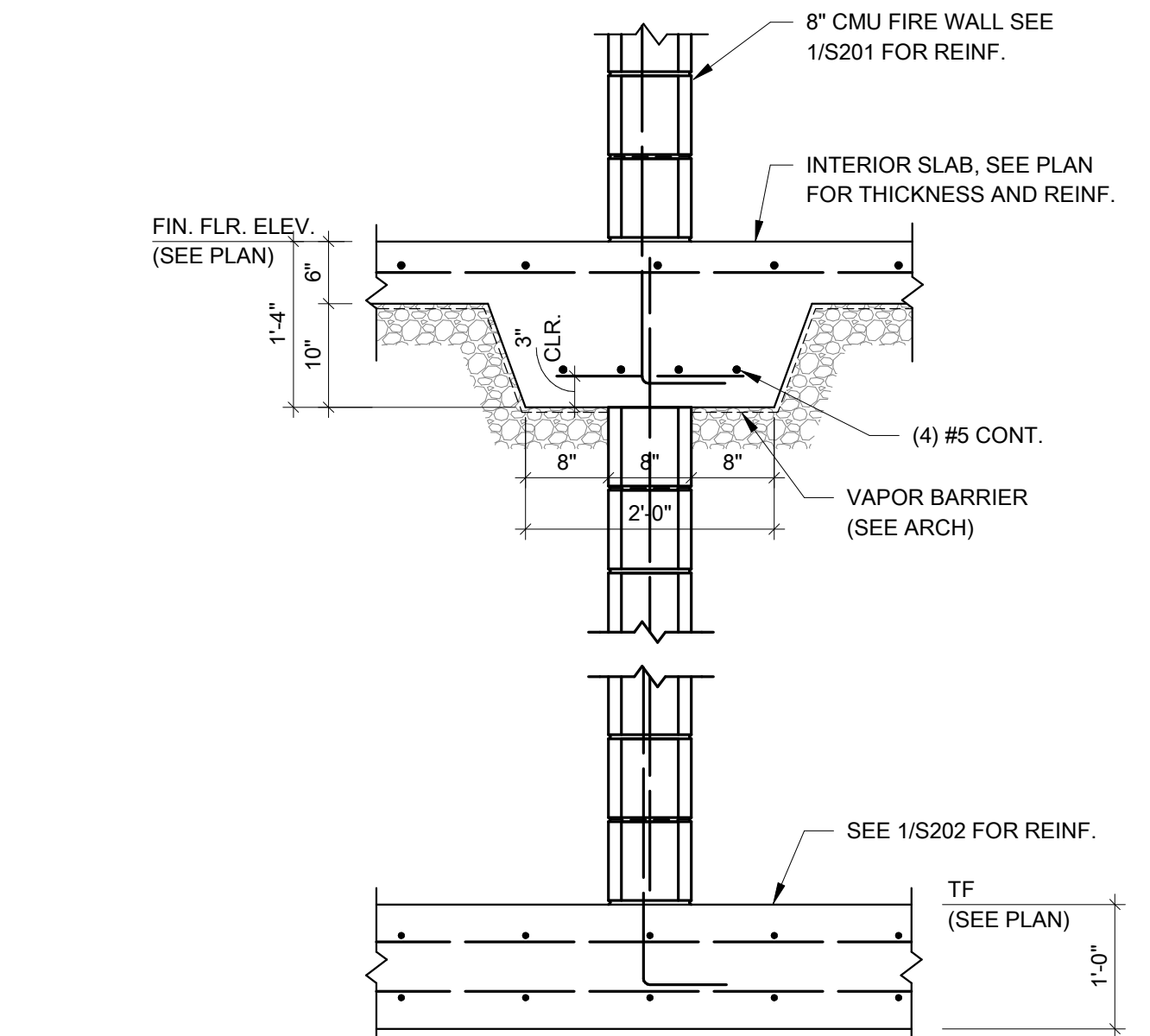
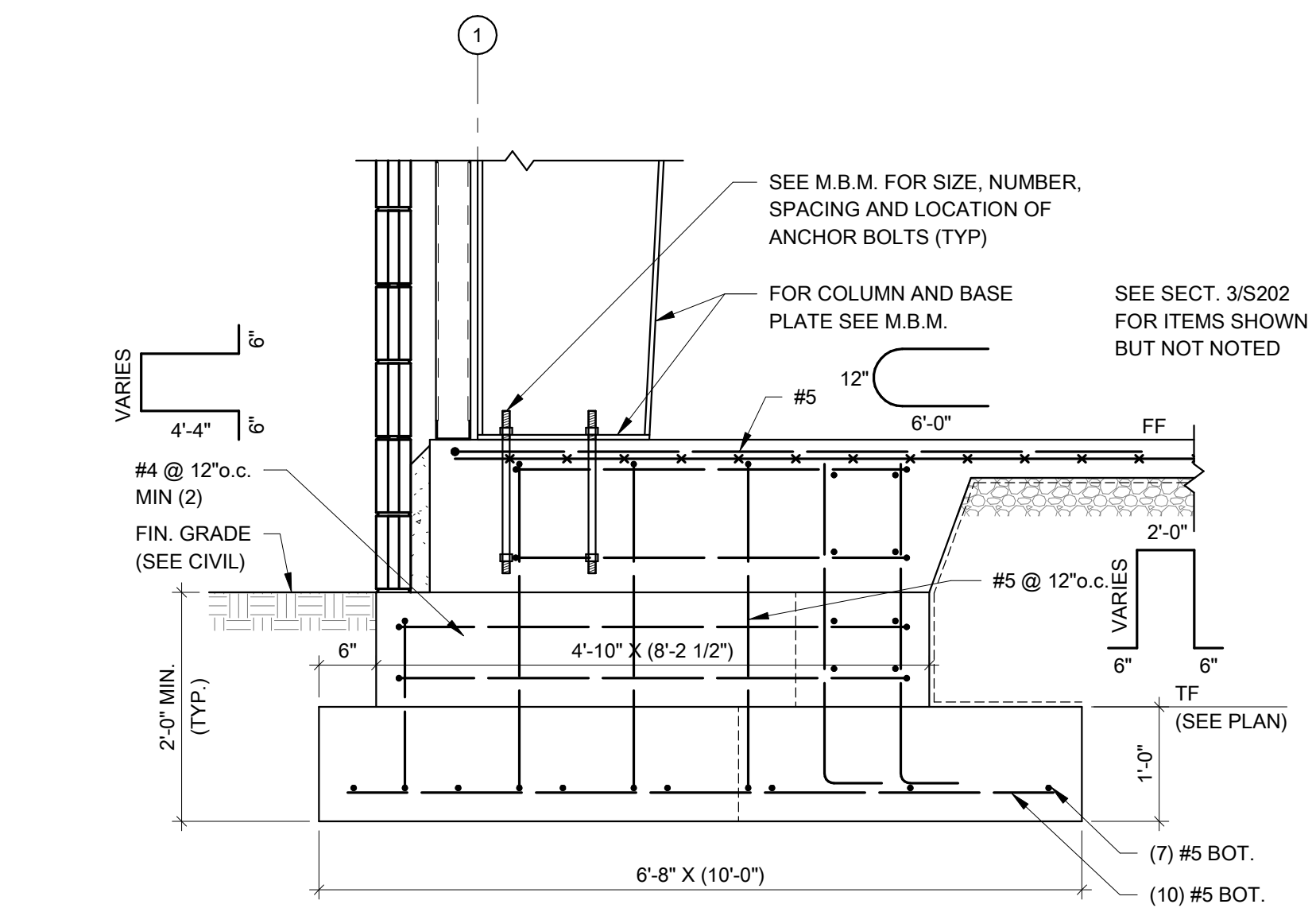
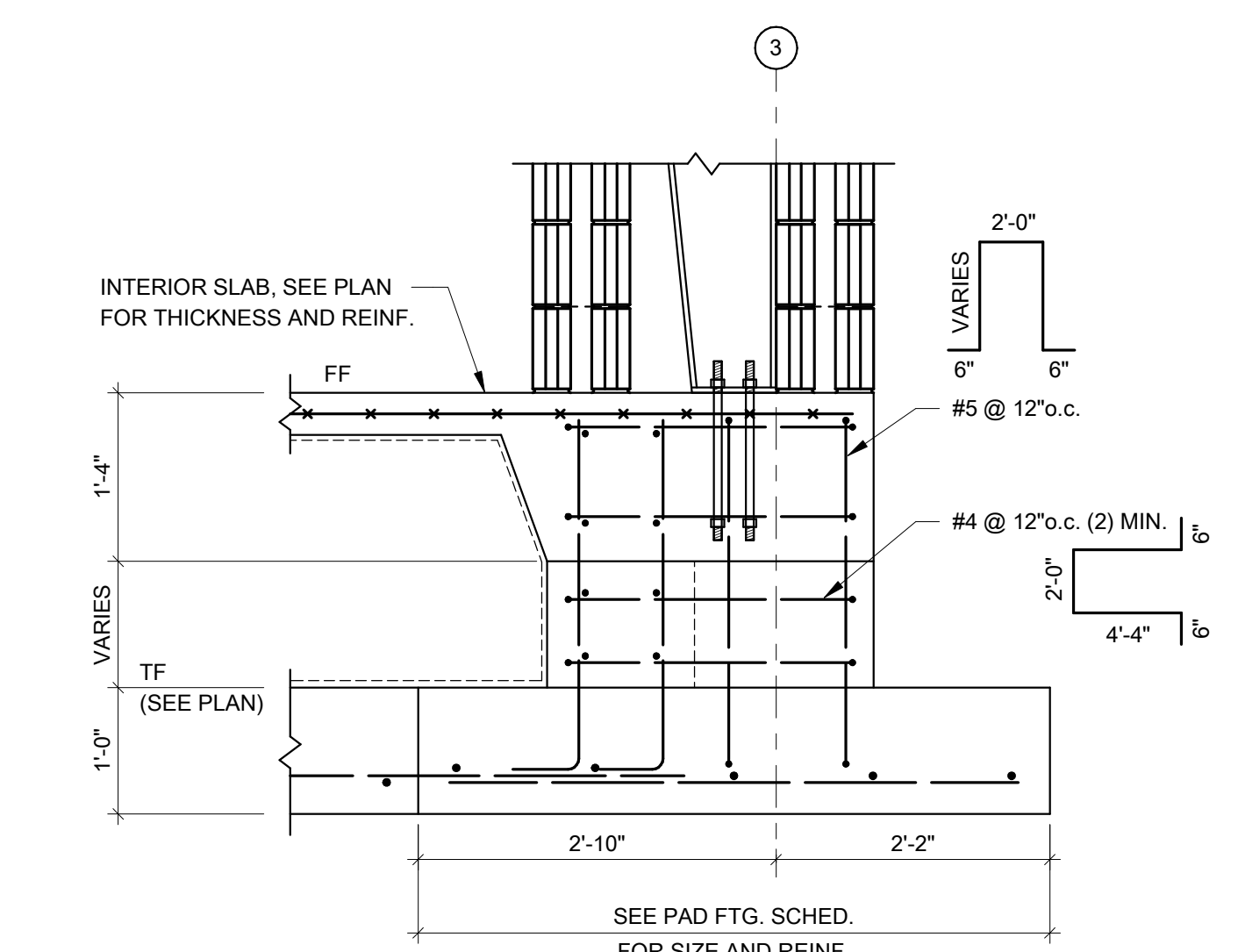
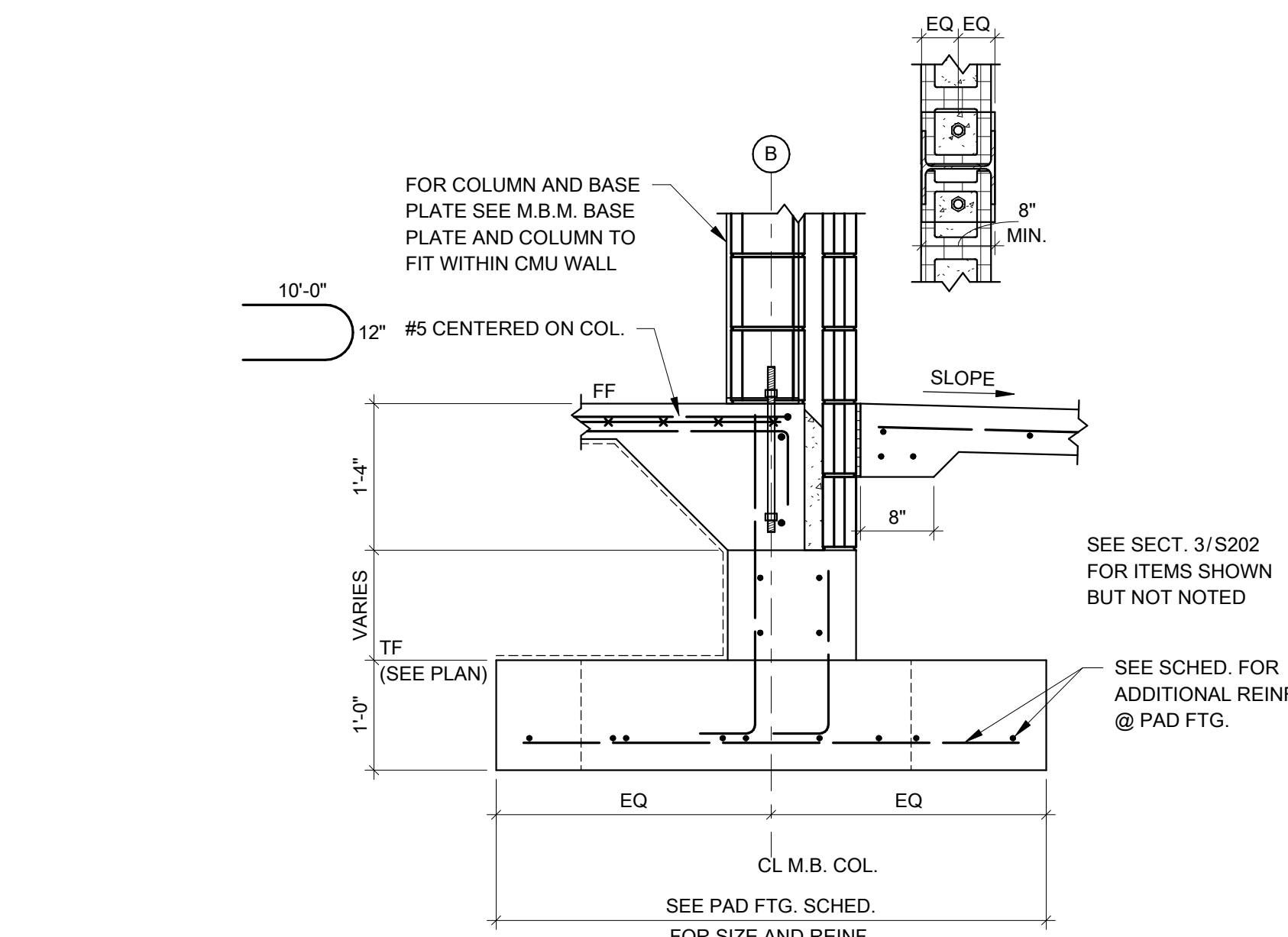
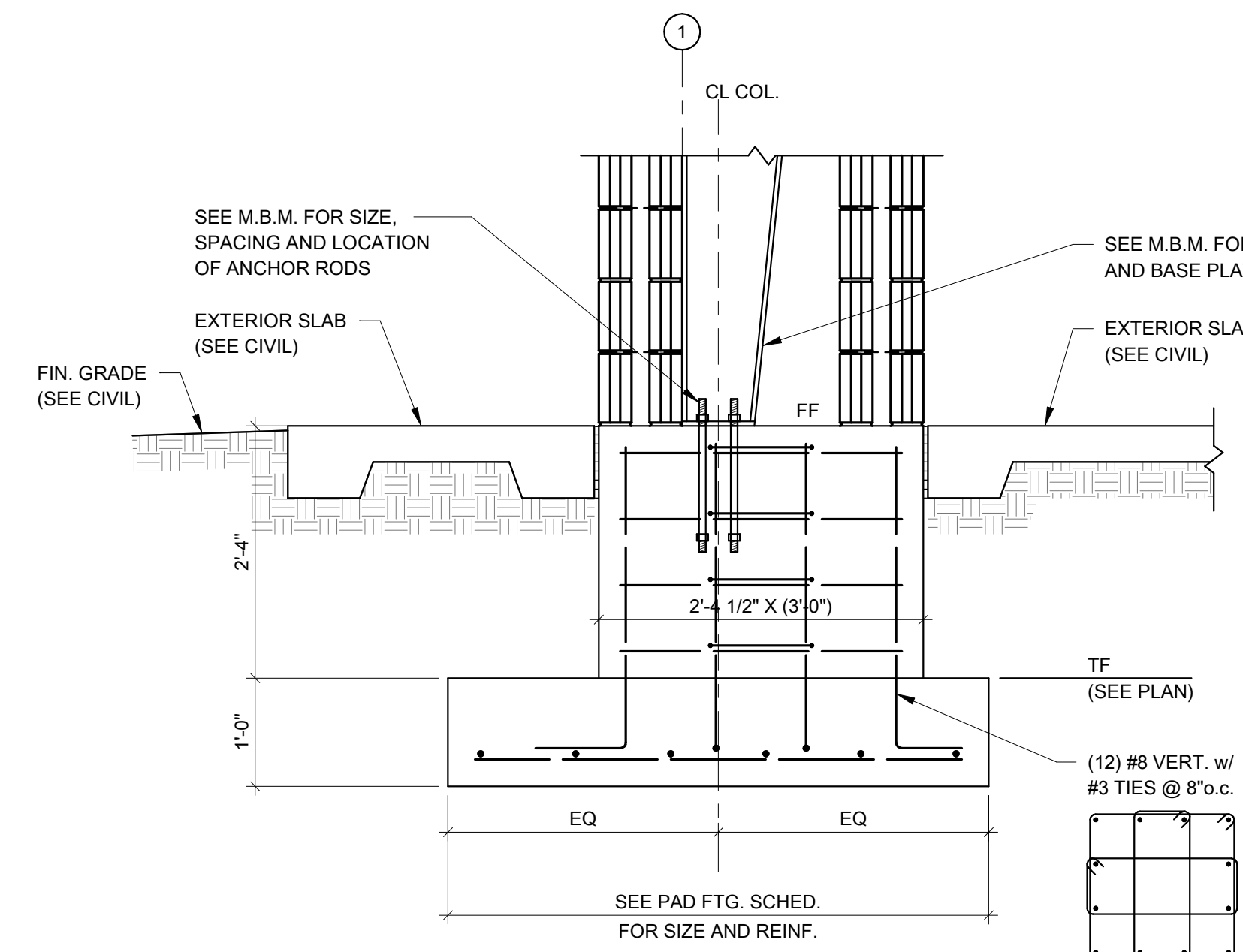
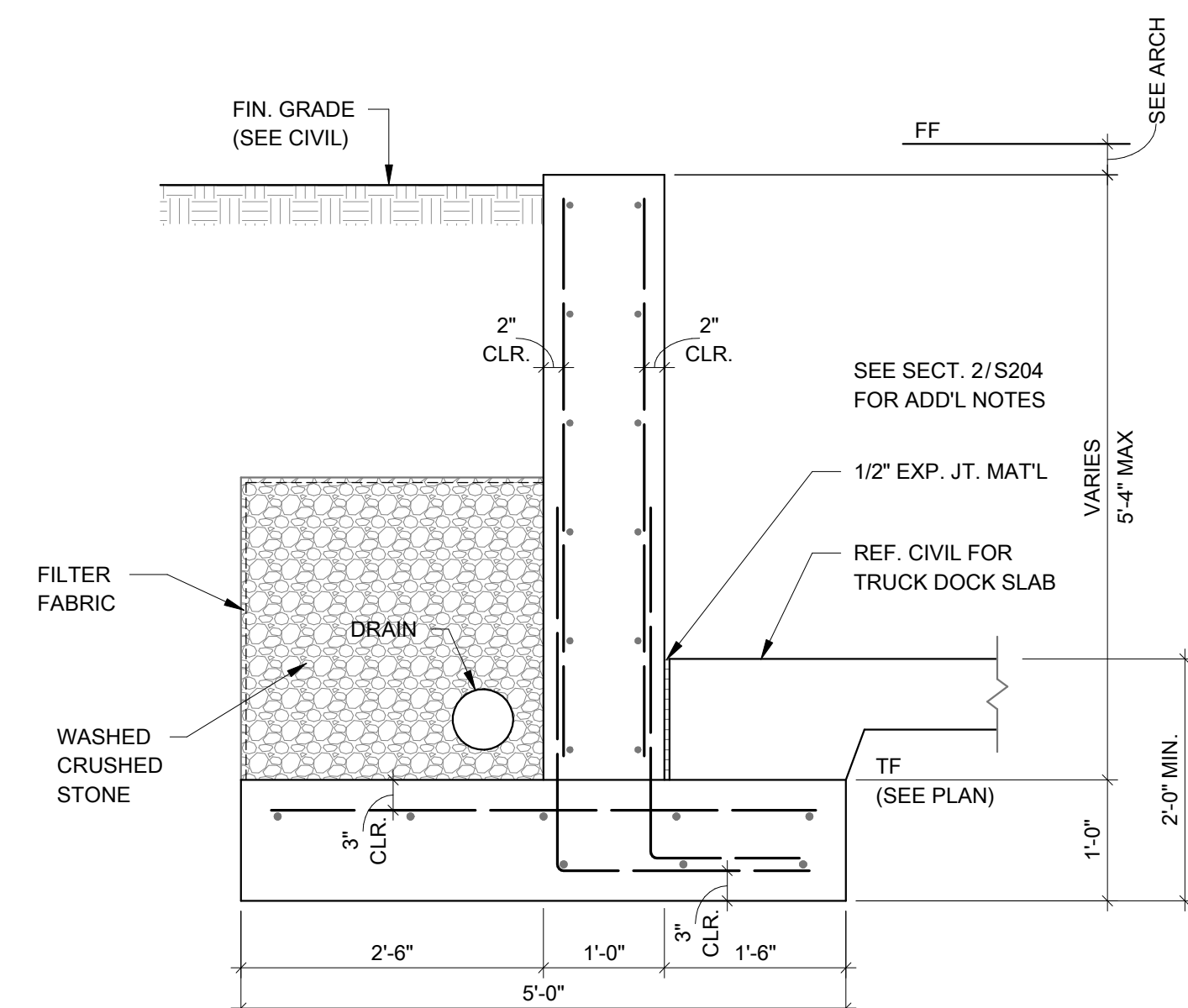
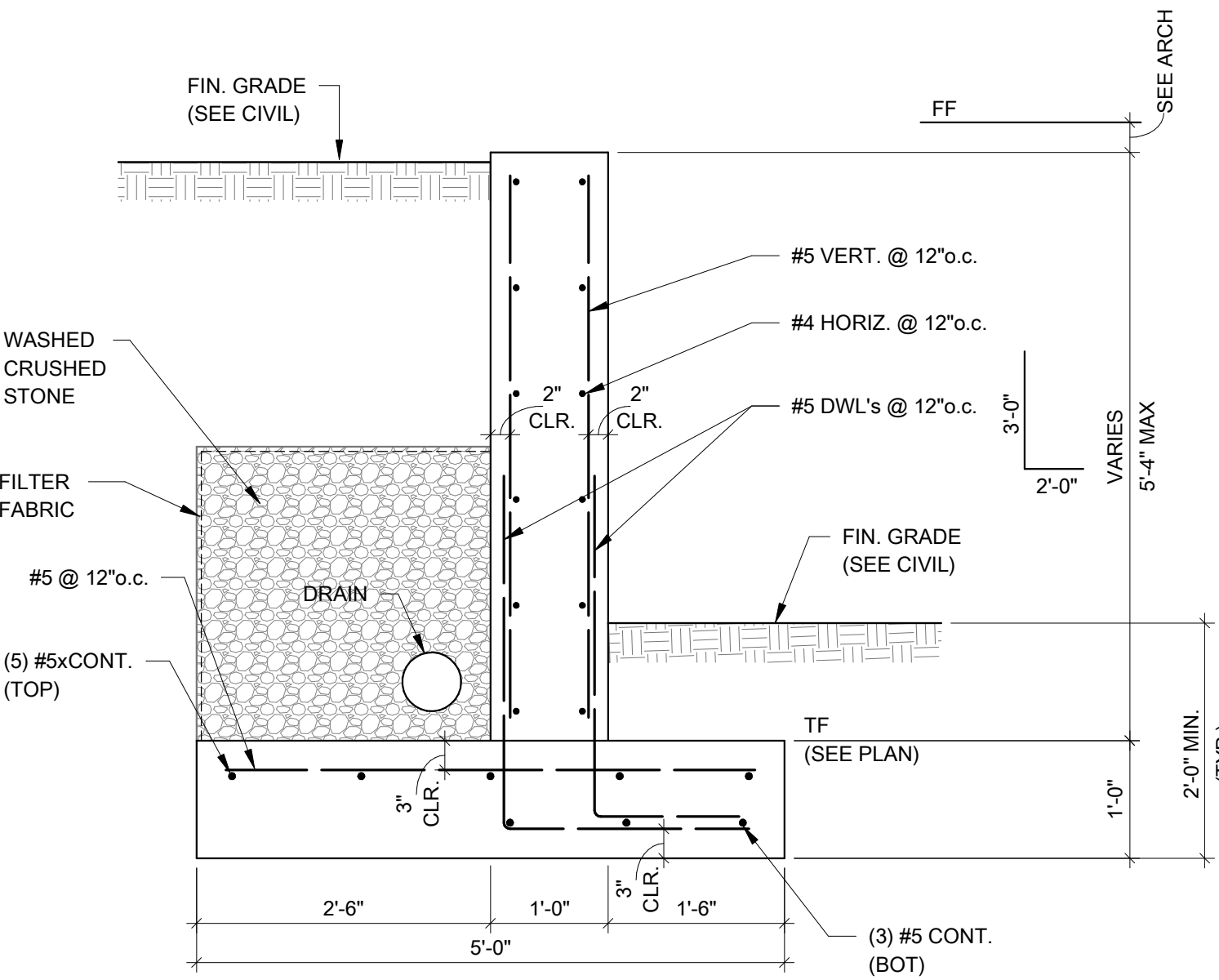
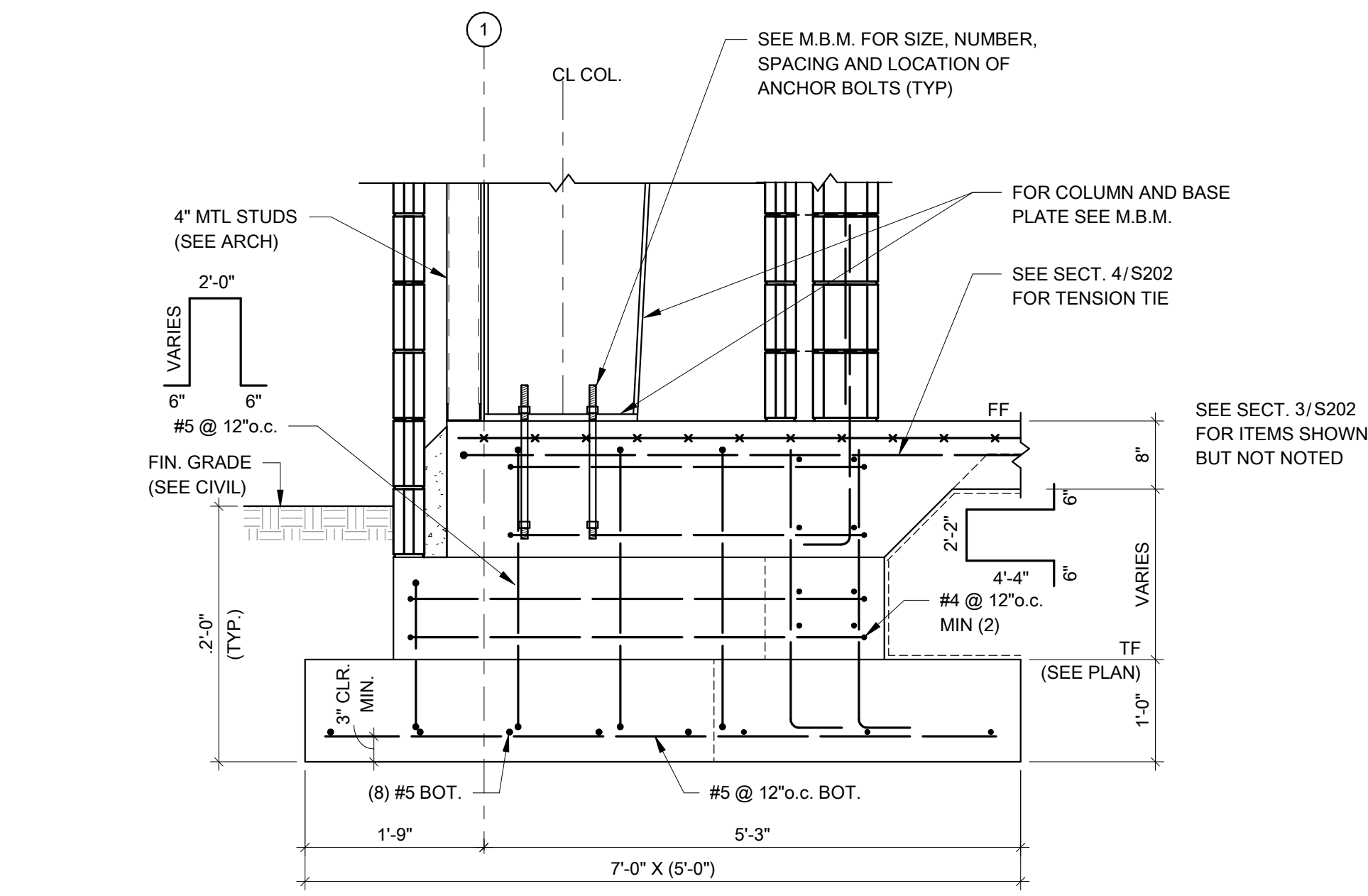
ISSUE DATE: 12-27-2020

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FOUNDATION DETAILS

S203



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Engineering Consultants, Inc.
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Arkansas-Engineer No. 5920
Frank M. Allison

12-27-2020

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CAFETERIA AND OFFICE ADDITION
FOR
HILLCREST SCHOOL DISTRICT.
LYNN SCHOOL CAMPUS, LYNN ARKANSAS

Project Number: 1920-3809-002

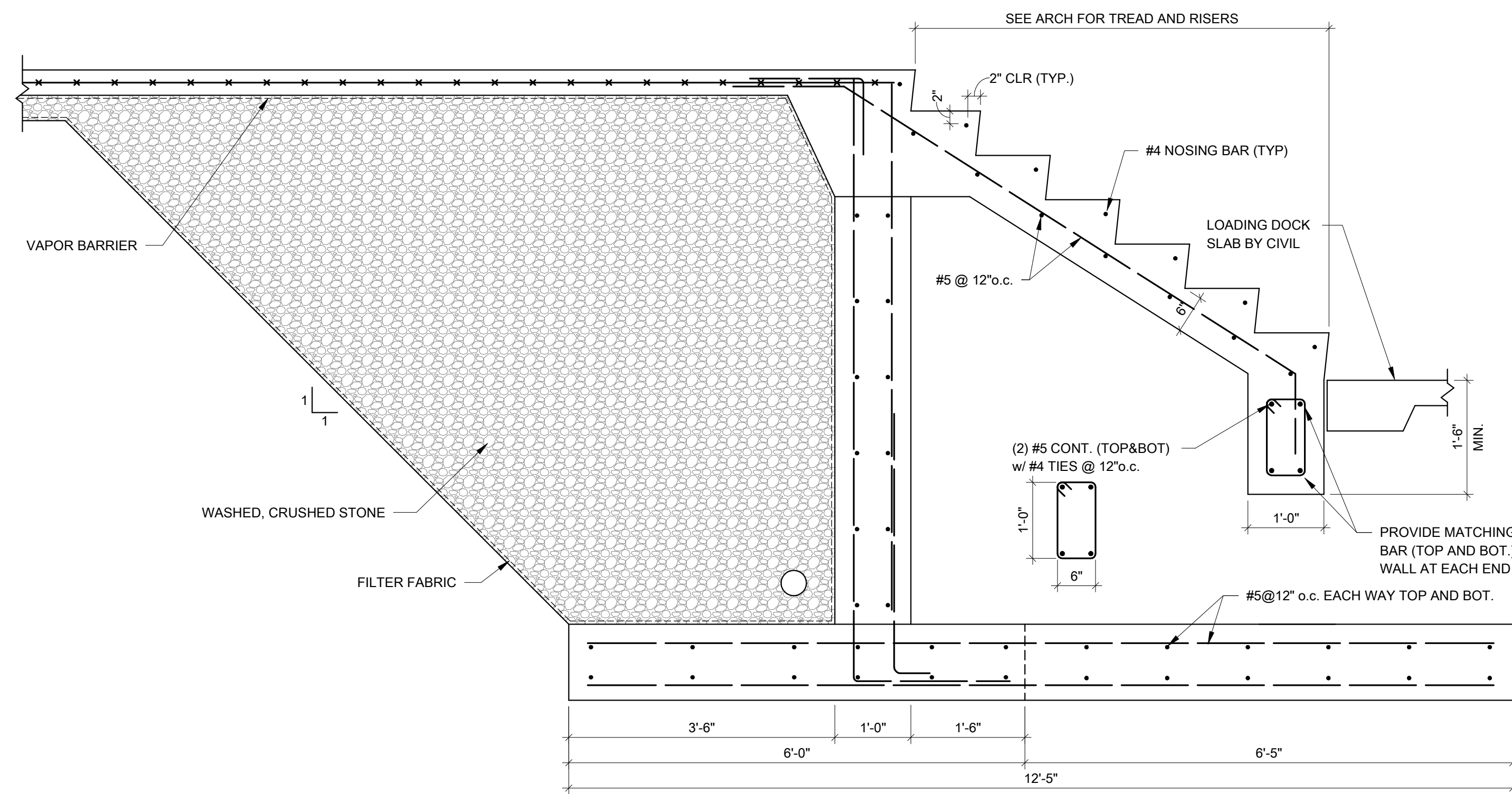
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ISSUE DATE: 12-27-2020

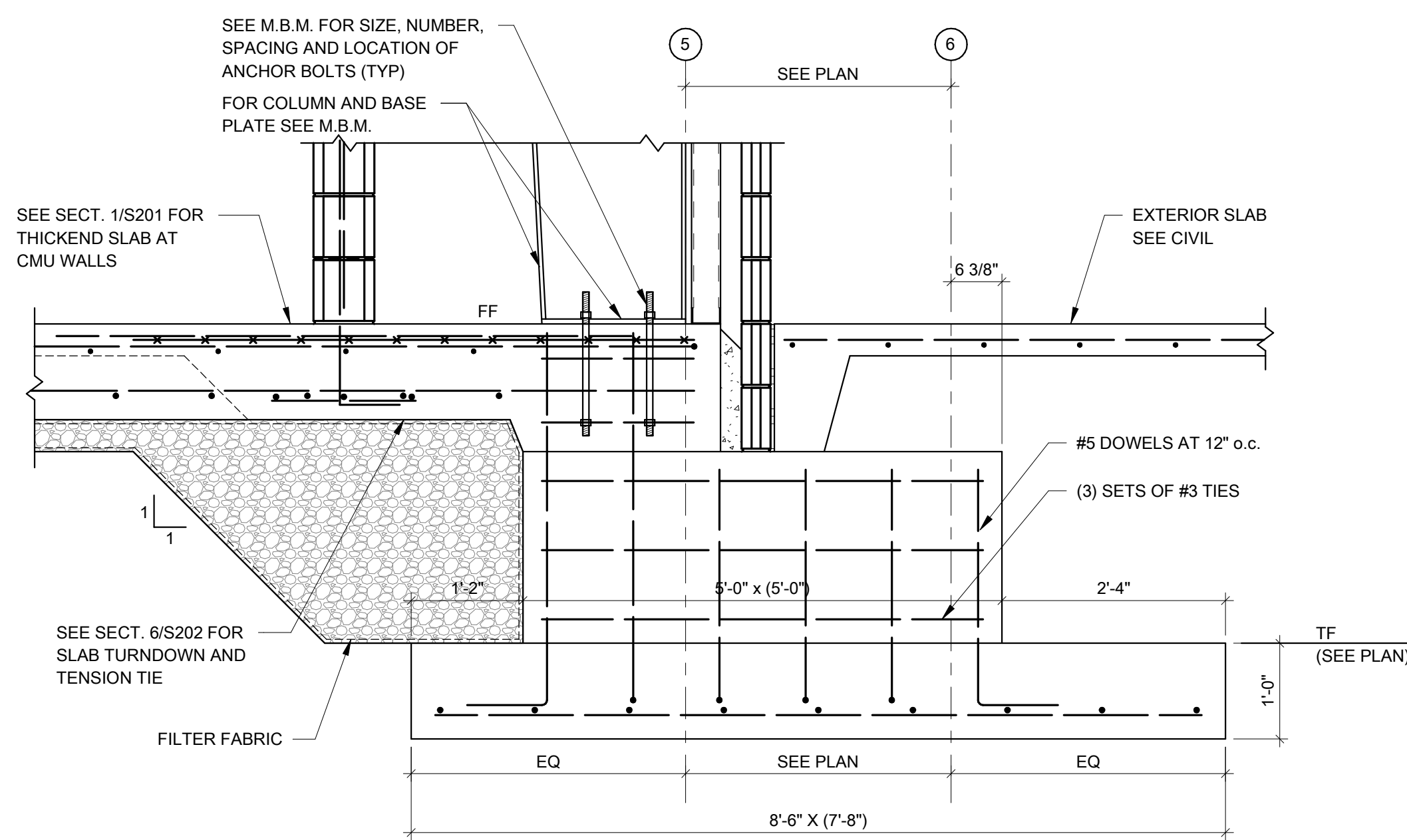
REVISIONS	
NO.	DATE

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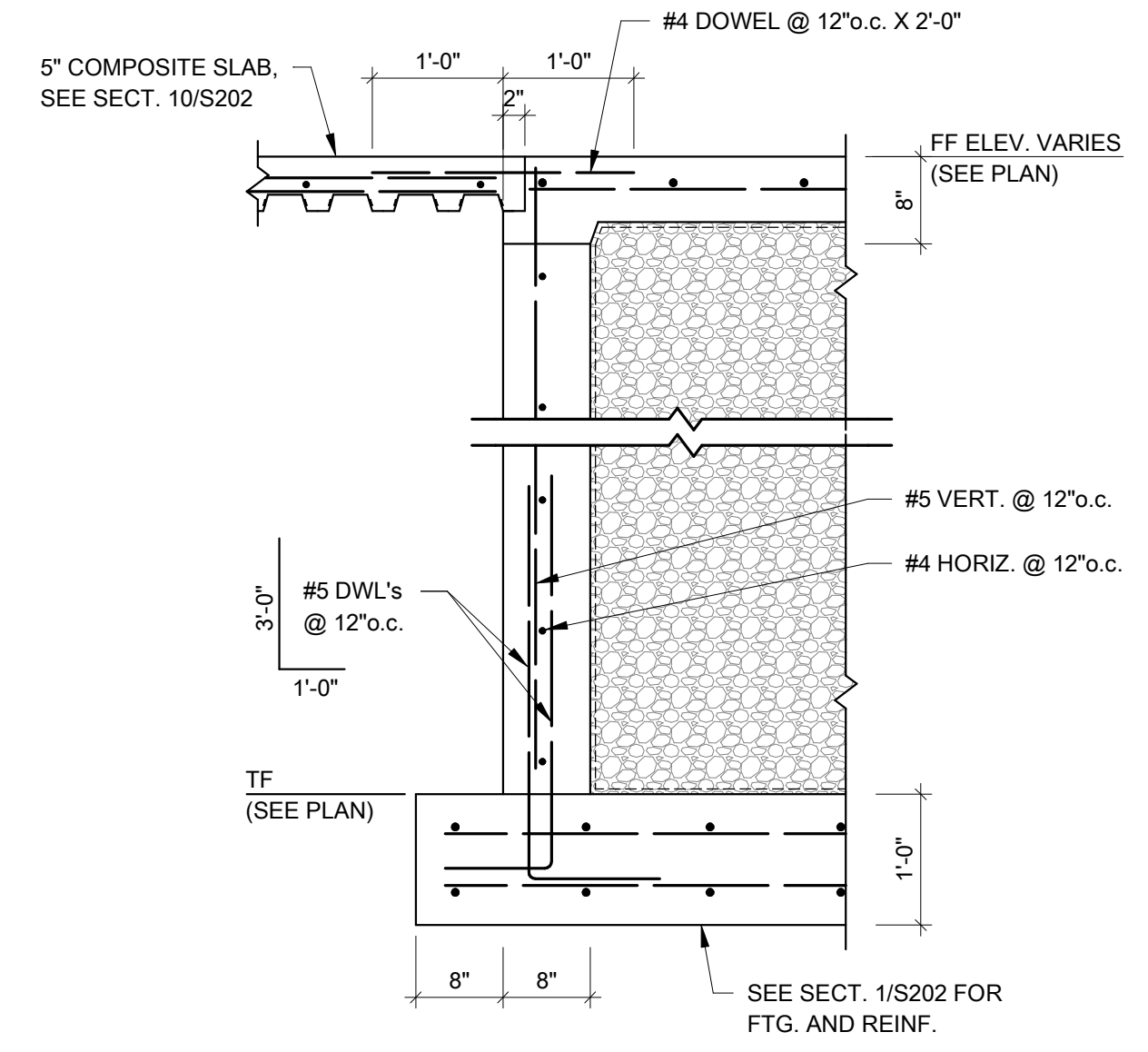
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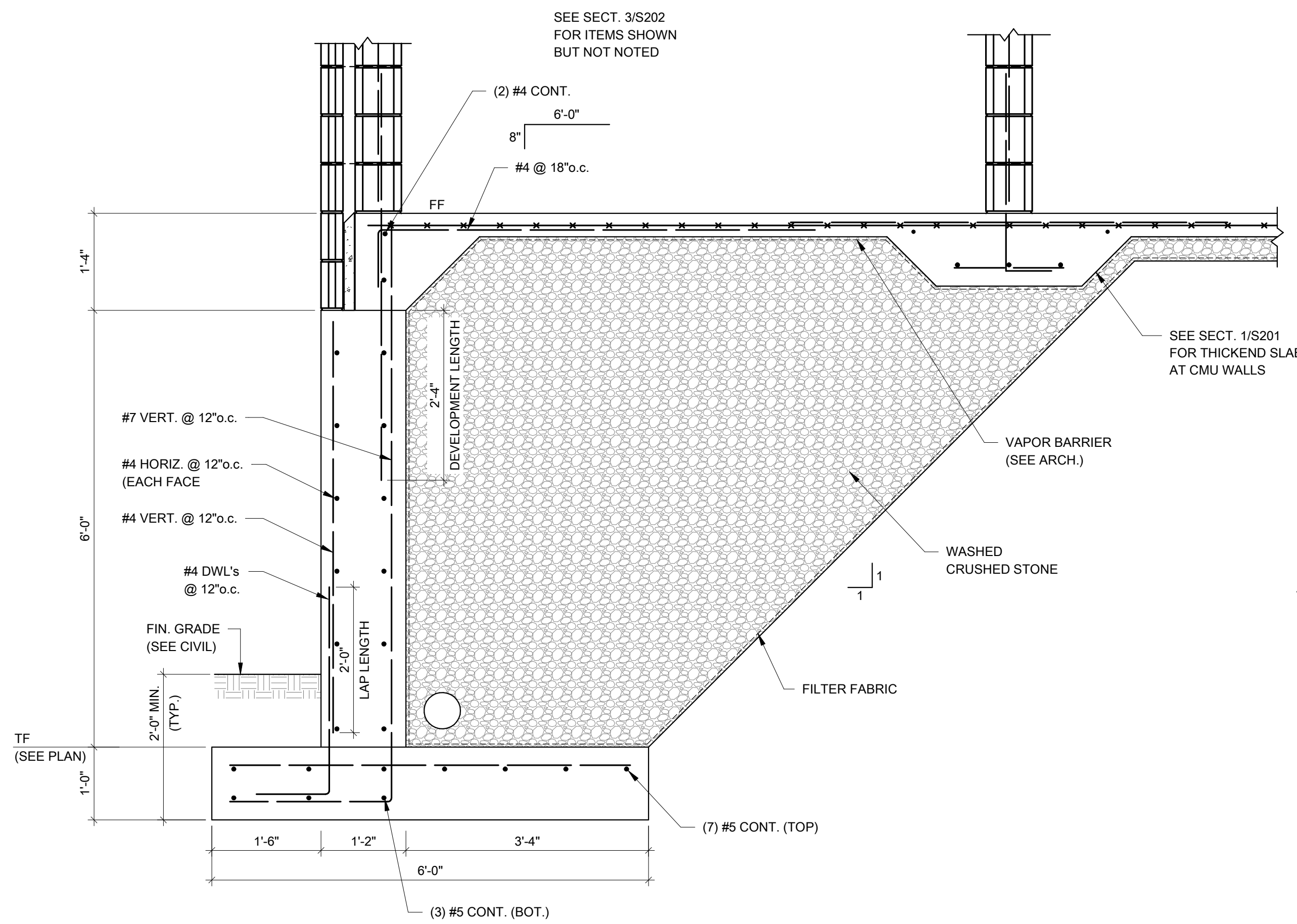
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3/4" = 1'-0"



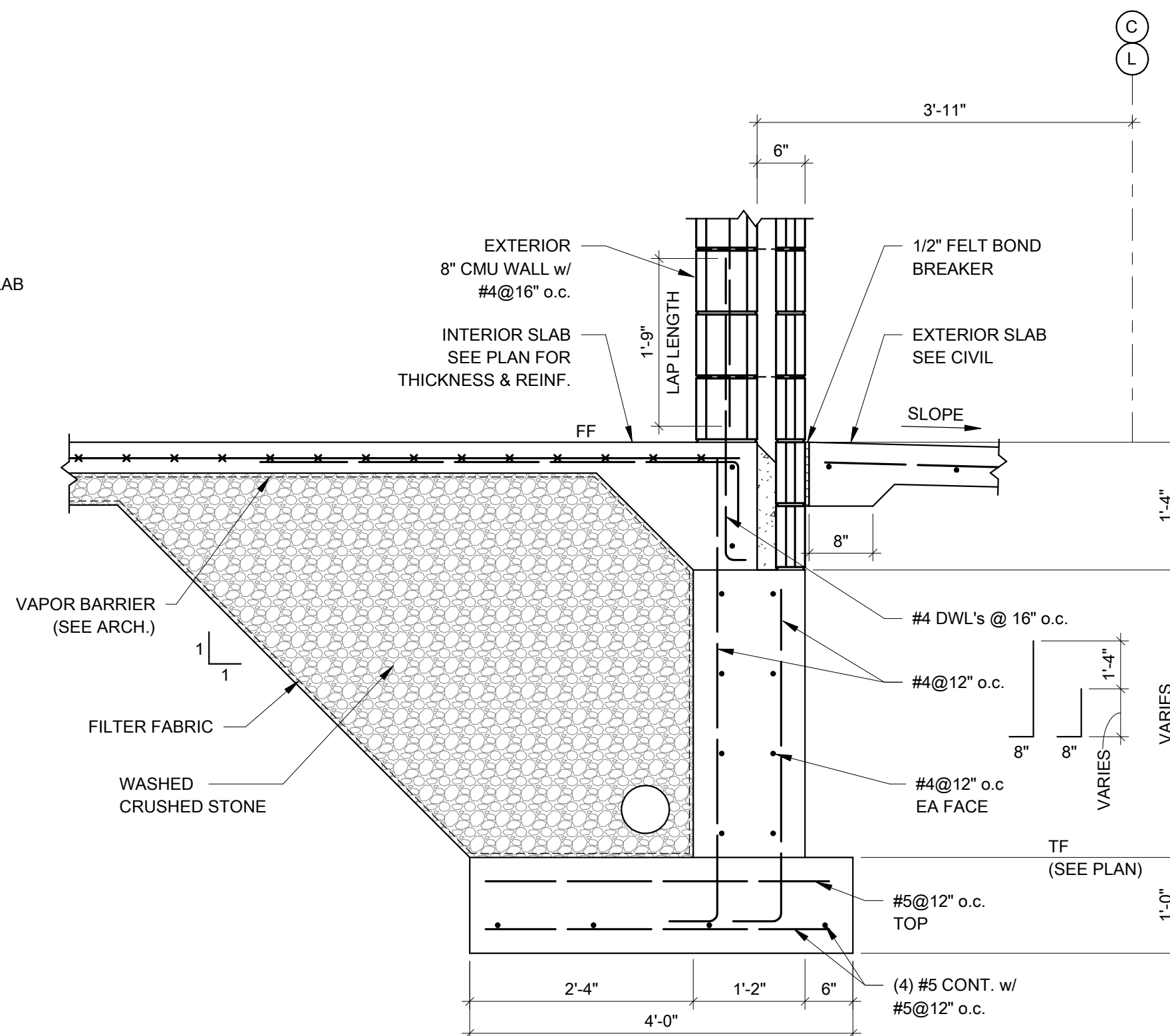
2 SECTION
3/4" = 1'-0"



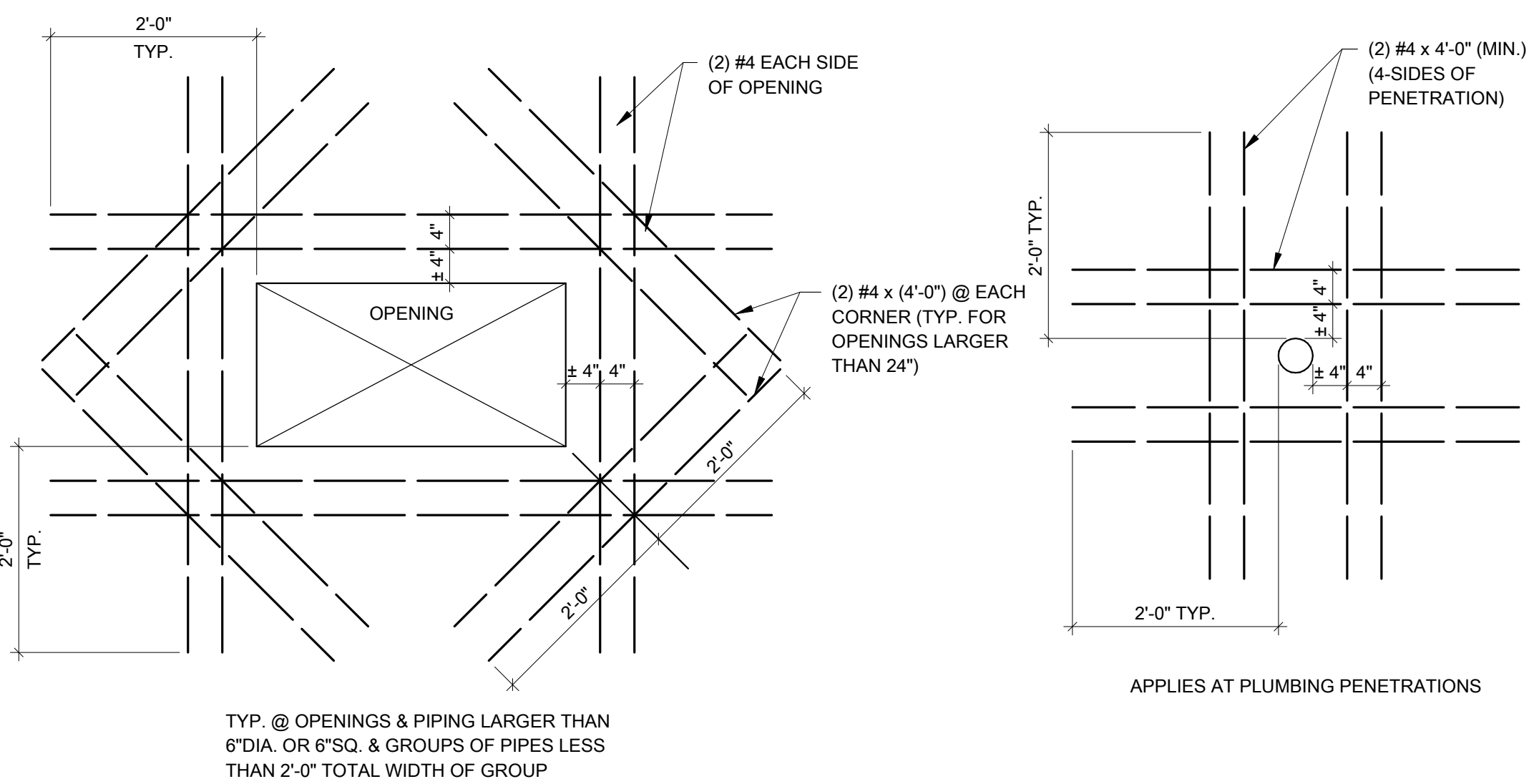
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3/4" = 1'-0"



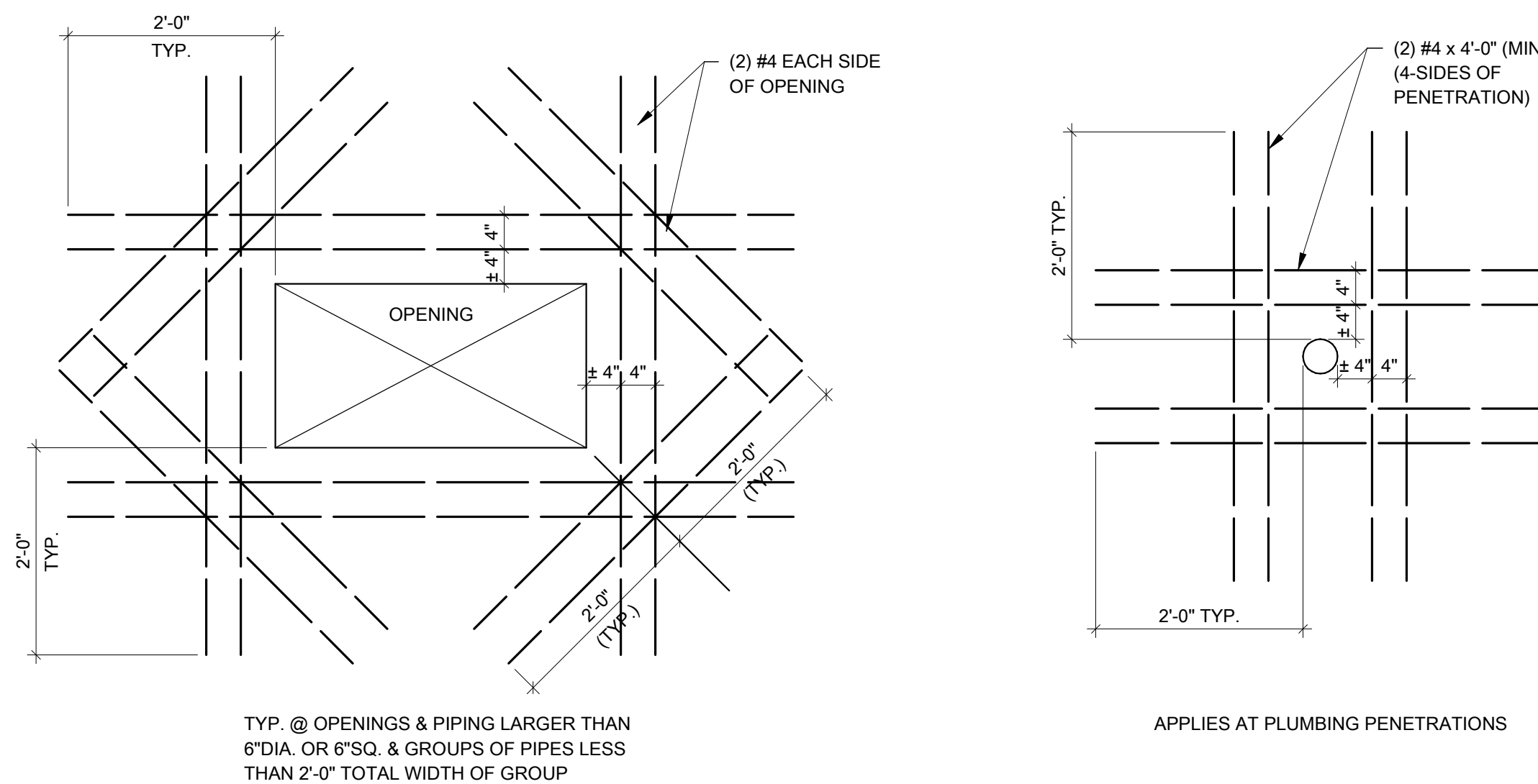
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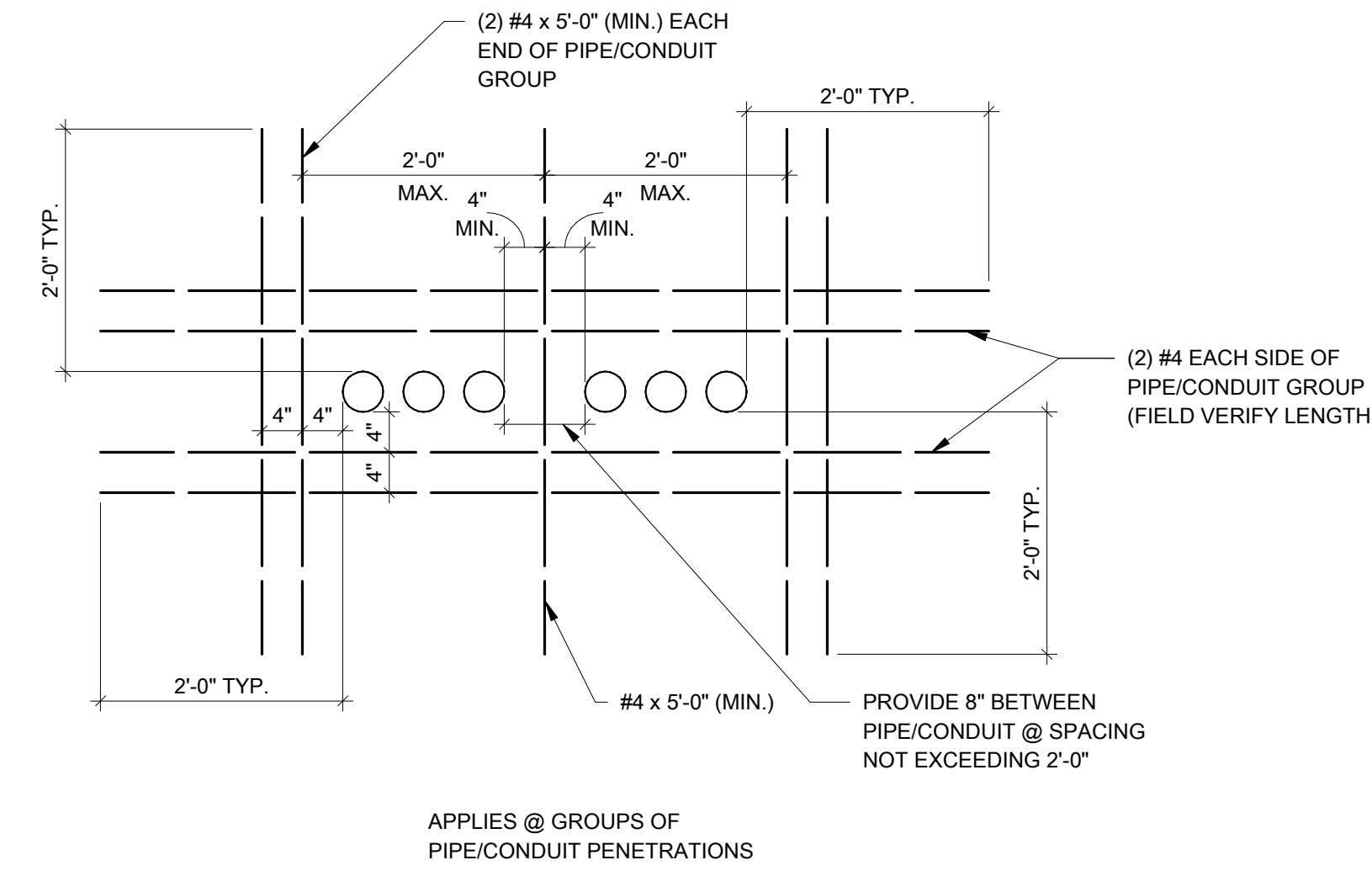
5 SECTION
3/4" = 1'-0"



6 ELEVATED SLAB OPENING & PIPE PENETRATION REINFORCEMENT DETAIL
N.T.S.



7 SLAB OPENING & PIPE PENETRATION REINFORCEMENT DETAIL
N.T.S.



APPLIES @ GROUPS OF
PIPE/CONDUIT PENETRATIONS

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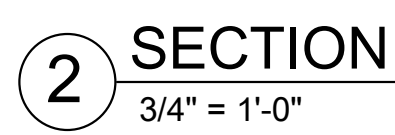
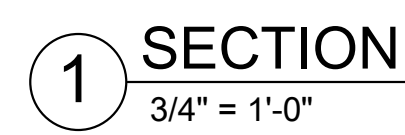
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 5920
FRANK M. ALLISON

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REVISIONS	
NO.	DATE

S205





1 ROOF FRAMING PLAN - AREA SOUTH
1/8" = 1'-0"

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INC.
No. 26
ARKANSAS - ENGINEER NO.

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ENGINEER
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FRANK M. ALLISON

12-27-2020

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CAFETERIA AND OFFICE ADDITION
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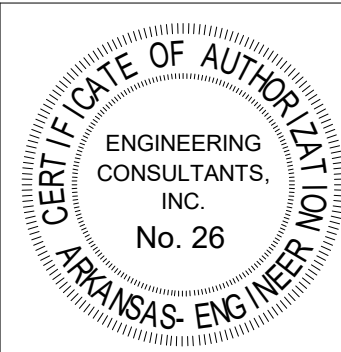
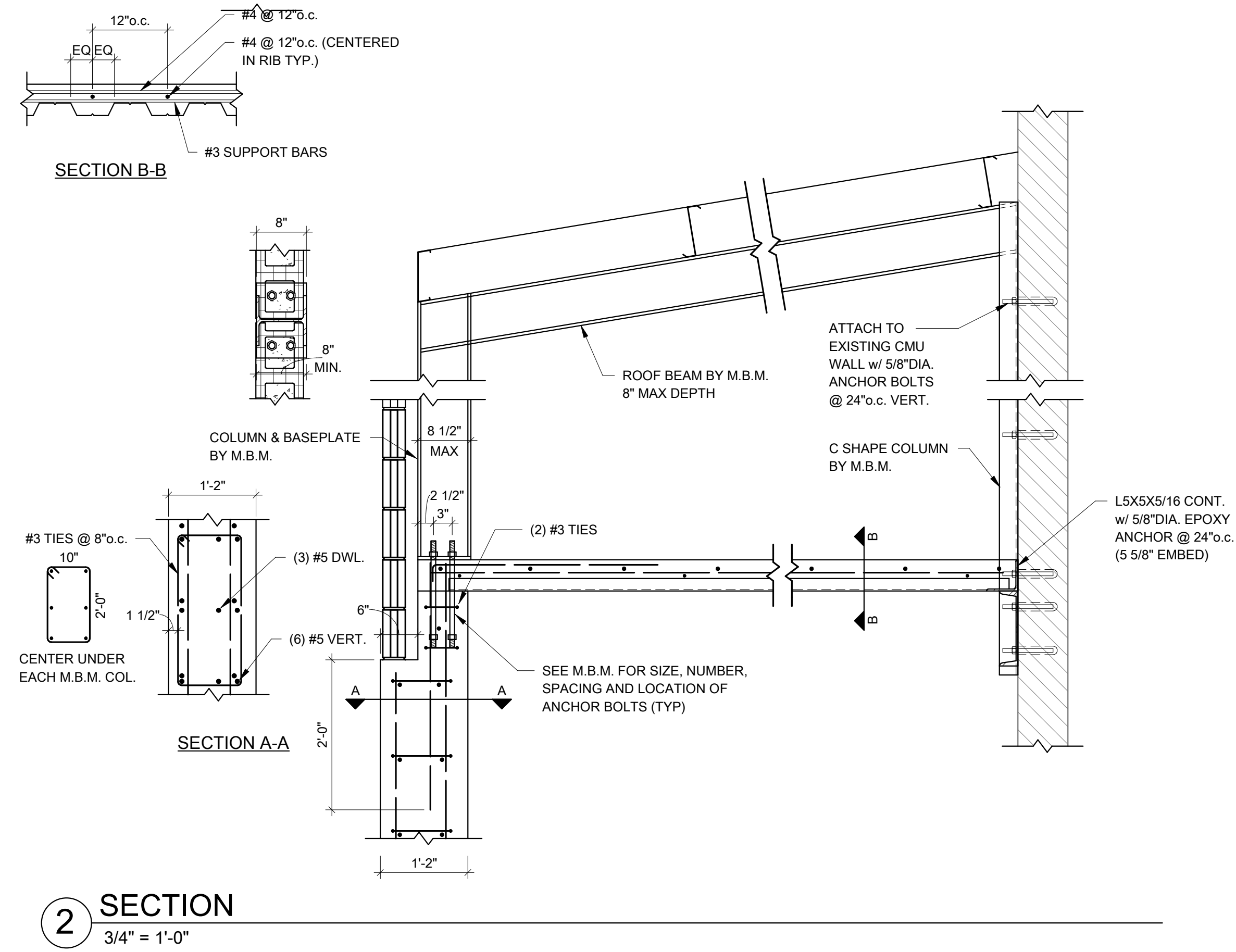
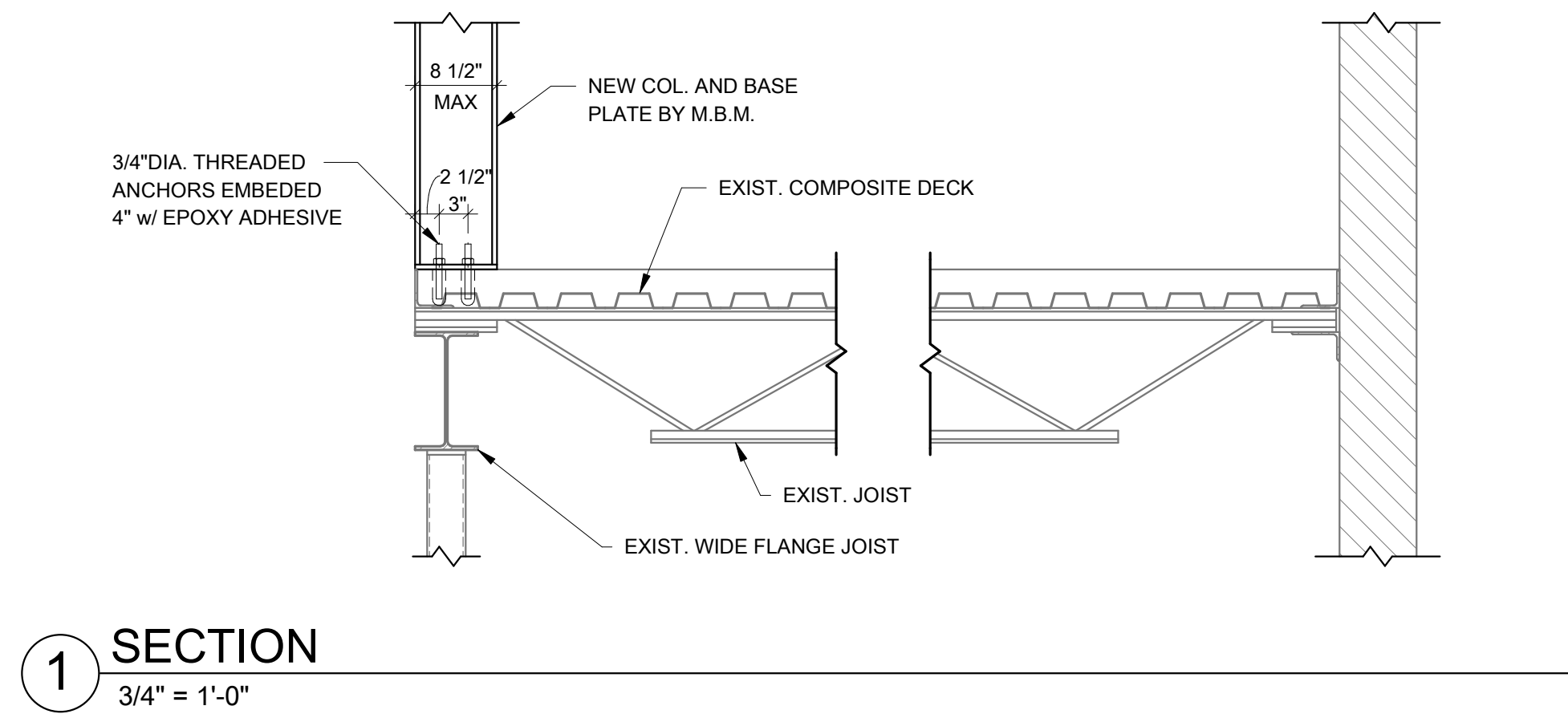
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ISSUE DATE: 12-27-2020

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ROOF FRAMING PLAN

S301



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12-27-2020

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FOR
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ISSUE DATE: 12-27-2020

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FRAMING DETAILS

S401

ROOFTOP AIR CONDITIONING (PKG. SYS.)						COOLING							HEATING (GAS)								
ID	REFERENCE PRODUCT	SUPPLY AIR FLOW RATE CFM	OUTSIDE AIR FLOW RATE CFM	EXT. STAT. PRESSURE IN. of H ₂ O	FILTER	RA SMOKE DETECTOR YES/NO	TOTAL CAPACITY MBH	SENSIBLE CAPACITY MBH	AIR TEMP. EDB/ENB °F	AIR TEMP. LDB/LNB °F	EER MIN.	AMBIENT TEMP °F	CAPACITY MBH	INPUT MBH	AIR TEMP. SAT °F	AIR TEMP. LAT °F	ELECTRICAL DATA			REMARKS :	
																	VOLTS	PHASE	MCA	MOCP	
RTU1	TEMPMASTER ZY04S2B1A1A224A3	1,350	160	0.8	2"	NO	41.5	28.1	74.5/62.5	55.3/51.8	15 SEER	100	90	112	65.3	126.6	208	3	19.6	30	PROVIDE ROOFCURB, FACTORY DISCONNECT, NON-POWERED GFCI CONVENIENCE OUTLET, DUAL ENTHALPY BASED ECONOMIZER WITH DEMAND CONTROL VENTILATION AND CO SENSOR, 7-DAY PROGRAMMABLE THERMOSTAT, BAROMETRIC RELIEF DAMPER, AND CONDENSER HAIL GUARDS.
RTU2	TEMPMASTER ZY06S2B1A1A224A3	2,195	200	0.8	2"	YES	64.5	49.9	74/61.8	53/51.4	15.2 SEER	100	90	112	66.9	104.9	208	3	29.2	45	PROVIDE ROOFCURB, FACTORY DISCONNECT, NON-POWERED GFCI CONVENIENCE OUTLET, DUAL ENTHALPY BASED ECONOMIZER WITH DEMAND CONTROL VENTILATION AND CO SENSOR, 7-DAY PROGRAMMABLE THERMOSTAT, BAROMETRIC RELIEF DAMPER, AND CONDENSER HAIL GUARDS.
RTU3	TEMPMASTER ZWT1B1N30Z2DAE12BA3	5,285	1575	0.8	2"	YES	194.1	133.9	78.4/65.7	54.9/53.6	12.1	100	240	300	55	97.1	208	3	83.5	90	PROVIDE ROOFCURB, FACTORY DISCONNECT, NON-POWERED GFCI CONVENIENCE OUTLET, DUAL ENTHALPY BASED ECONOMIZER WITH DEMAND CONTROL VENTILATION AND CO SENSOR, 7-DAY PROGRAMMABLE THERMOSTAT, BAROMETRIC RELIEF DAMPER, CONDENSER HAIL GUARDS, AND GLOBAL PLASMA SOLUTIONS MODEL GPS-DM48-AC BIPOLAR IONIZATION UNIT.

ID	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	DRIVE	AIR FLOW RATE CFM	SOUND SONES	TOT. STAT. PRESSURE IN. of H ₂ O	ROTATION REV./MIN.	MOTOR POWER BHP	MBP	ELECTRICAL DATA VOLTS / PHASE	REMARKS :
EF1, EF2	COOK GC-622	CEILING	MENS BR12000, WOMENS BR120LL	CENTR	DIRECT	280	1.1	0.25	998	87w	103w	115 1	PROVIDE WITH DISCONNECT, FACTORY MOUNTED FAN SPEED CONTROLLER, BACKDRAFT DAMPER, RUBBER-IN-SHEAR ISOLATION HANGERS, INTERLOCK WITH LIGHTS.
EF3	COOK GC-148	CEILING	JAN 120EEE	CENTR	DIRECT	75	0.7	0.2	717	30w	30w	115 1	PROVIDE WITH DISCONNECT, FACTORY MOUNTED FAN SPEED CONTROLLER, BACKDRAFT DAMPER, RUBBER-IN-SHEAR ISOLATION HANGERS, INTERLOCK WITH LIGHTS.
EF4	COOK GC-148	CEILING	TOILET 120KKK	CENTR	DIRECT	75	0.7	0.2	717	30w	30w	115 1	PROVIDE WITH DISCONNECT, FACTORY MOUNTED FAN SPEED CONTROLLER, BACKDRAFT DAMPER, RUBBER-IN-SHEAR ISOLATION HANGERS, INTERLOCK WITH LIGHTS.
EF5	COOK GC-148	CEILING	RR 1200	CENTR	DIRECT	75	0.7	0.2	717	30w	30w	115 1	PROVIDE WITH DISCONNECT, FACTORY MOUNTED FAN SPEED CONTROLLER, BACKDRAFT DAMPER, RUBBER-IN-SHEAR ISOLATION HANGERS, INTERLOCK WITH LIGHTS.
EF6	COOK GC-148	CEILING	UTILITY/WASH/DRYER 120U	CENTR	DIRECT	110	1.5	0.2	914	39w	39w	115 1	PROVIDE WITH DISCONNECT, FACTORY MOUNTED FAN SPEED CONTROLLER, BACKDRAFT DAMPER, RUBBER-IN-SHEAR ISOLATION HANGERS, INTERLOCK WITH LIGHTS.

ID	REFERENCE PRODUCT	ENERGY INPUT MBH	HEATING CAPACITY MBH	AIR FLOW RATE CFM	EXT. STAT. PRESSURE IN. of H ₂ O	AIR TEMP. EDB/LDB °F	FILTER	FUEL	SEER	FAN MOTOR DATA				ELECTRICAL DATA VOLTS/PHASE/MBP	REMARKS :
										MBP	HPW	HPK	SPKPS		
F1	FRASER-JOHNSTON TMS060B012MDP12	60	57	1,150	0.63	65.7/111	1"	NAT GAS	15.5	0.5	HIGH	DIRECT	FIXED	115/1/10.4/15	PROVIDE DISCONNECT, CONCENTRIC VENT KIT, 7-DAY PROGRAMMABLE THERMOSTAT, HINGED FILTER RACK, GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC, AND HEAT TRACING FOR CONDENSATE PIPING.
F2	FRASER-JOHNSTON TMS100D02MDP12	60	57	1,925	0.62	67.9/122	1"	NAT GAS	15.5	0.5	HIGH	DIRECT	FIXED	115/1/14.5/20	PROVIDE DISCONNECT, CONCENTRIC VENT KIT, 7-DAY PROGRAMMABLE THERMOSTAT, HINGED FILTER RACK, GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC, AND HEAT TRACING FOR CONDENSATE PIPING.
F3	FRASER-JOHNSTON TMS100D02MDP12	60	57	1,350	0.6	60/125	1"	NAT GAS	15.5	0.5	HIGH	DIRECT	FIXED	115/1/14.5/20	PROVIDE DISCONNECT, CONCENTRIC VENT KIT, 7-DAY PROGRAMMABLE THERMOSTAT, HINGED FILTER RACK, GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC, AND HEAT TRACING FOR CONDENSATE PIPING.

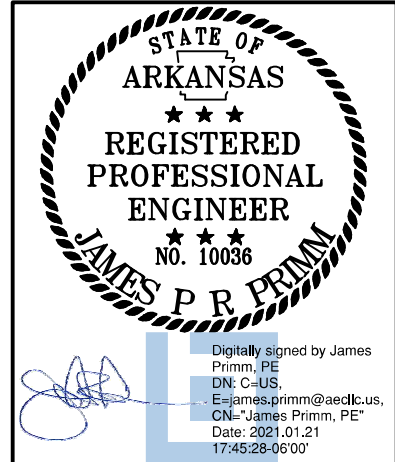
ID	REFERENCE PRODUCT	EVAPORATOR MODEL	CONDENSING UNIT MODEL	COOL. CAP. (MBH)				EVAPORATOR DATA				CONDENSING UNIT DATA				REMARKS:
				TOTAL	SENSIBLE	SA CFM	ISA CFM	EDB/ENB	LDB/LNB	AMBIENT °F		VOLTS/PH/MBP/MOCP/SEER				
CU1	FRASER-JOHNSTON	CM36BXA1	TC7B3621S	34.1	21.6	1,150	120	75.9/65.6	58.5/56	100"		208V/19/22/35/15.0				PROVIDE DISCONNECT, LOUVERED HAIL GUARDS, 4" CONCRETE PAD, SHRADEr SERVICE VALVES, LOW PRESSURE SWITCH KIT, COMPRESSOR START KIT, 5 MINUTE TIME DELAY.
CU2	FRASER-JOHNSTON	CM640DXA1	TC7B6021S	55.2	35.9	1,925	180	75.9/65.6	58.6/56.3	100"		208V/19/32.4/50/15.0				PROVIDE DISCONNECT, LOUVERED HAIL GUARDS, 4" CONCRETE PAD, SHRADEr SERVICE VALVES, LOW PRESSURE SWITCH KIT, COMPRESSOR START KIT, 5 MINUTE TIME DELAY.
CU3	FRASER-JOHNSTON	CM480BCA1	TC7B4821S	42.3	26.2	1,350	200	75.9/65.6	57.9/55.4	100"		208V/19/25.9/40/16				PROVIDE DISCONNECT, LOUVERED HAIL GUARDS, 4" CONCRETE PAD, SHRADEr SERVICE VALVES, LOW PRESSURE SWITCH KIT, COMPRESSOR START KIT, 5 MINUTE TIME DELAY.

AIR TO AIR HEAT PUMP (SPLIT SYSTEM)						COOLING						HEATING						REMARKS :
ID	REFERENCE PRODUCT	FAN COIL	HEAT PUMP	SUPPLY AIR FLOW RATE CFM	OUTSIDE AIR FLOW RATE CFM	EXT. STAT. PRESSURE IN. of H ₂ O	FILTER	AIR TEMP. LDB/LNB °F	TOTAL CAPACITY MBH	AMBIENT TEMP °F	SEER	AIR TEMP. LDB °F	TOTAL CAPACITY MBH	AMBIENT TEMP °F	COP	INDOOR FAN MOTOR DATA HP	ELECTRICAL DATA VOLTS / PHASE / MOCP / MOCP	
FHP1/HP1	SAMSUNG	AC018NNDCH/AA	AC018ANDDCH/AA	275	30	0.6	1"	80/67	18.0	95	20.1	68	20.0	47	2.92	1/3	208-230/1/9.4A/15A	PROVIDE DISCONNECT, LOUVERED HAIL GUARDS, 4" CONCRETE PAD, SHRADEr SERVICE VALVES, LOW PRESSURE SWITCH KIT, COMPRESSOR START KIT, 5 MINUTE TIME DELAY.

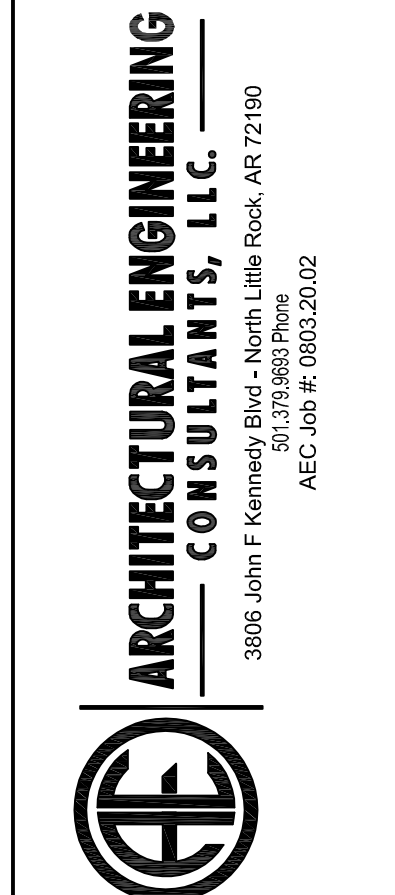
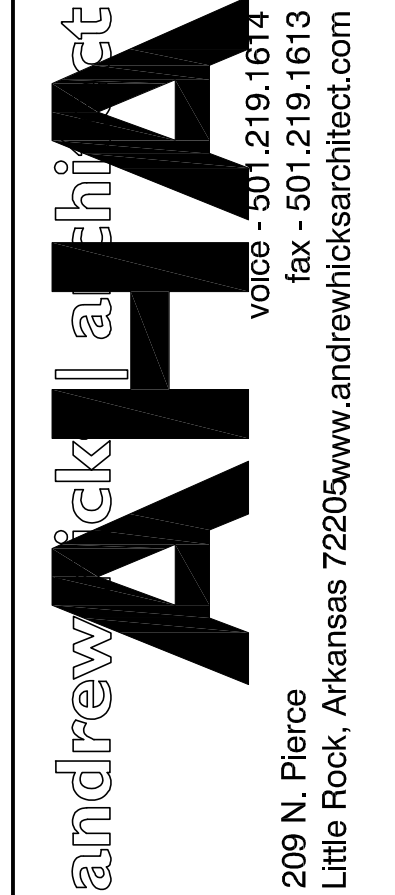
DESIGNATION	MANUFACTURE/ MODEL NO.	MAX CFM	USE	TYPE	STYLE	NECK	FACE SIZE	MAX. APD INCHES	MAX N.C.	MATERIAL	FINISH	OBD YES/NO	REMARKS
A	TITUS OMNI-AA	90	SUPPLY	LAY-IN	LOUVERED	6"Ø	12/12	0.12	28	ALUM.	WHITE	Y	PROVIDE FULL SIZE LOUVER FACE
B	TITUS OMNI-AA	200	SUPPLY	LAY-IN	LOUVERED	8"Ø	24/24	0.12	28	ALUM.	WHITE	Y	PROVIDE FULL SIZE LOUVER FACE
C	TITUS OMNI-AA	350	SUPPLY	LAY-IN	LOUVERED	10"Ø	24/24	0.13	30	ALUM.	WHITE	N	PROVIDE FULL SIZE LOUVER FACE
1	TITUS 50 F	280	RETURN	LAY-IN	EGGGRATE	10"Ø OR 10x10	24/24	0.12	30	ALUM.	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
2	TITUS 50 F	360	RETURN	LAY-IN	EGGGRATE	12"Ø OR 12x12	24/24	0.12	30	ALUM.	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
3	TITUS 50 F	1100	RETURN	LAY-IN	EGGGRATE	18x18	24x24	0.12	24	ALUM.	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
4	TITUS 50 F	1400	RETURN	LAY-IN	EGGGRATE	20x20	24x24	0.12	24	ALUM.	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
5	TITUS 50 F	1800	RETURN	LAY-IN	EGGGRATE	22x22	24x24	0.12	24	ALUM.	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
NOTES: 1. ACCEPTABLE MANUFACTURERS: TITUS, TUTTLE & BAILEY, METALAIR & PRICE. 2. ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS INDICATED OTHERWISE. PROVIDE ADAPTERS WHERE REQUIRED. 3. GRILLES NECK SIZE SHALL BE SAME AS BRANCH DUCT SHOWN ON DRAWINGS UNLESS INDICATED OTHERWISE. PROVIDE ADAPTERS WHERE REQUIRED. 4. COORDINATE WITH ARCHITECTURAL ROOM FINISH SCHEDULES FOR DEVICE FRAMING REQUIREMENTS. 5. PROVIDE OPPOSED BLADE DAMPERS AT ALL BRANCH TAKE-OFFS EVEN IF OBD'S ARE INDICATED FOR AIR DEVICES. 6. PROVIDE FIRE DAMPERS WITH AIR DEVICES WHERE FIRE DAMPERS ARE SHOWN IN CONJUNCTION WITH DEVICES ON PLANS. 7. PROVIDE FACTORY FABRICATED, MOLDED INSULATION BLANKETS ON ALL SUPPLY DIFFUSERS. FIELD INSTALLED INSULATION ON THE BACKS OF GRILLES IS UNACCEPTABLE.													

DESIGNATION	REFERENCE PRODUCT	TYPE	MAXIMUM AIRFLOW (CFM)	PRESSURE DROP (IN. WATER)	MINIMUM FREE AREA (SQ. FT.)	SIZE W x H x D (INCHES)	REMARKS
LVR3	POTTORFF EXA-645	DRAINABLE BLADE	4,760	0.077	5.7	36 x 54 x 6	PROVIDE ALUMINUM COMBINATION LOUVER WITH STATIONARY DRAINABLE BLADES AND INTEGRAL AIRFOIL BLADE CONTROL DAMPER. COLOR BY ARCHITECT.
1. ACCEPTABLE MANUFACTURERS: RUSKIN, POTTORFF, GREENHECK, OR APPROVED EQUAL. 2. ALL LOUVERS SHALL BE OF ALUMINUM CONSTRUCTION.							

CEILING CASSETTE DUCTLESS SPLIT SYSTEM UNITS													
ID	MFR / MODEL	MODEL NUMBERS		AIRFLOW DATA		COOLING DATA		HEATING DATA		ELECTRICAL DATA			
		INDOOR UNIT	OUTDOOR UNIT	CFM	QSA VENT.	NOM. TONS	TOTAL MBH	NOM. TONS	TOTAL MBH	V/ø	MCA	MOCP	SEER
DS1/DSOU1-DS3/DSOU3	SAMSUNG AC018NN4DCH/AA	AC018NN4DCH/AA	AC018JX4DCH/AA	430	-	1.5	18.0	1.5	20.0	208/230/1	8.1	15	20.1
NOTES:													
1. ACCEPTABLE MANUFACTURERS: SAMSUNG FROM POWERS OF ARKANSAS, MITSUBISHI FROM TRANE ARKANSAS, OR APPROVED EQUAL.													
2. DISCONNECT SWITCHES BY DIV. 16. (FIELD COORDINATE SIZE WITH DIV 16.)													
3. PROVIDE UNIT WITH 5 YEAR WARRANTY ON COMPRESSORS.													
4. FIELD ROUTE REFRIGERANT LINES SIZED PER MANUFACTURER'S RECOMMENDATIONS.													
5. PROVIDE REMOTE DIGITAL THERMOSTAT. MOUNT AT 54" A.F.F.													
6. FURNISH OWNER WITH 2 SETS OF EXTRA FILTERS. (INSTALL ONE SET AT END OF PROJECT).													
7. PROVIDE CONDENSATE PUMP. FIELD ROUTE INSULATED CONDENSATE DRAIN AS INDICATED ON PLANS.													
8. PROVIDE UNIT WITH COMPRESSOR SHORT CYCLE PROTECTOR, HIGH & LOW PRESSURE CUTOFF SWITCHES, LOW AMBIENT CONTROL, TXV.													



CAFETERIA AND OFFICE ADDITION
Project Number: 1920-3609-002
FOR
HILLCREST SCHOOL DISTRICT.
LYNN SCHOOL CAMPUS, LYNN ARKANSAS



ISSUE DATE:	12-27-2020
REVISIONS	
NO.	DATE
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

MECHANICAL SCHEDULES
M301

HOOD INFORMATION - Job#4306598

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TYPE	APPLIANCE DUTY	DESIGN CFM/ft	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)				MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CAPRATES END TO END	CAPRATES FRONT	CAPRATES BACK
									WIDTH	LENG.	HEIGHT	DIA.	CFM	VEL.	S.P.			
1		6024 ND-2-ACPSP-F	12' 0"	450 Deg.	I	Medium	200	2400			4'	16'	2400	1719	-0.797"	1920	756	430 SS Where Exposed
2		6024 ND-2-ACPSP-F	12' 0"	450 Deg.	I	Medium	200	2400			4'	16'	2400	1719	-0.797"	1920	756	430 SS Where Exposed

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S)				LIGHT(S)			UTILITY CABINET(S)					FIRE SYSTEM PIPING	HOOD HANGING W/GHT		
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY.	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM				ELECTRICAL	SWITCHES
												TYPE	SIZE			MODEL #	QUANTITY
1		Captrate Solo Filter	9	20'	16'	85% See Filter Spec.	6	Recessed	NO	Right	12"x60"x24"	Ansul R102	3.0/3.0/3.0	DCV-2111	1 Light 1 Fan	YES	1182 LBS
2		Captrate Solo Filter	9	20'	16'	85% See Filter Spec.	6	Recessed	NO	Left	12"x60"x24"					YES	1032 LBS

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG.	DIA.	S.P.
1	Front	157'	24'	6'		MUA	12"	24"		0.183'
						MUA	12"	24"		0.183'
						MUA	12"	24"		0.183'
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
2	Front	157'	24'	6'		MUA	12"	24"		0.183'
						MUA	12"	24"		0.183'
						MUA	12"	24"		0.183'
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"
						AC		8"	108	0.037"

HOOD OPTIONS

HOOD NO.	TAG	OPTION			
		FIELD WRAPPER	18.00' High	Front, Left, Right	
1		LEFT END STANDOFF (FINISHED)	1' Wide	60' Long	Insulated
		BACK STANDOFF (FLAT)	12' Wide	157' Long	
		INSULATION FOR TOP OF HOOD			
		INSULATION FOR BACK OF HOOD			
		FIELD WRAPPER	18.00' High	Front, Left, Right	
		RIGHT END STANDOFF (FINISHED)	1' Wide	60' Long	Insulated
2		FIELD WRAPPER	18.00' High	Front, Left, Right	
		RIGHT END STANDOFF (FINISHED)	1' Wide	60' Long	Insulated
		INSULATION FOR TOP OF HOOD			
		INSULATION FOR BACK OF HOOD			
		FIELD WRAPPER	18.00' High	Front, Left, Right	
		LEFT END STANDOFF (FINISHED)	1' Wide	60' Long	Insulated

PATENT NUMBERS

AC-PSP (United States) - US Patent 7963830 B2
AC-PSP Wall (Canada) - CA Patent 2820509
AC-PSP Island (Canada) - CA Patent 2520330

SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-Baffle DESIGN IN CONJUNCTION WITH A SLOTTED REAR Baffle DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

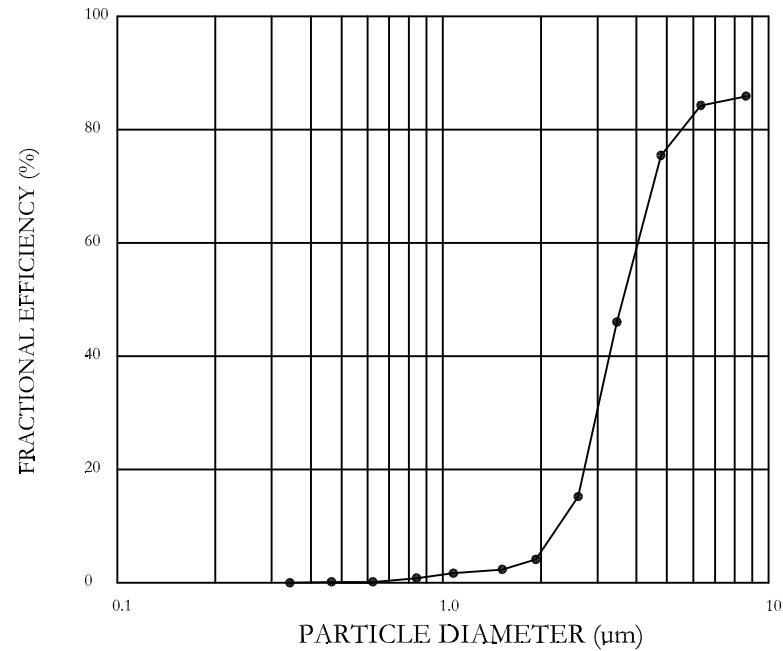
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

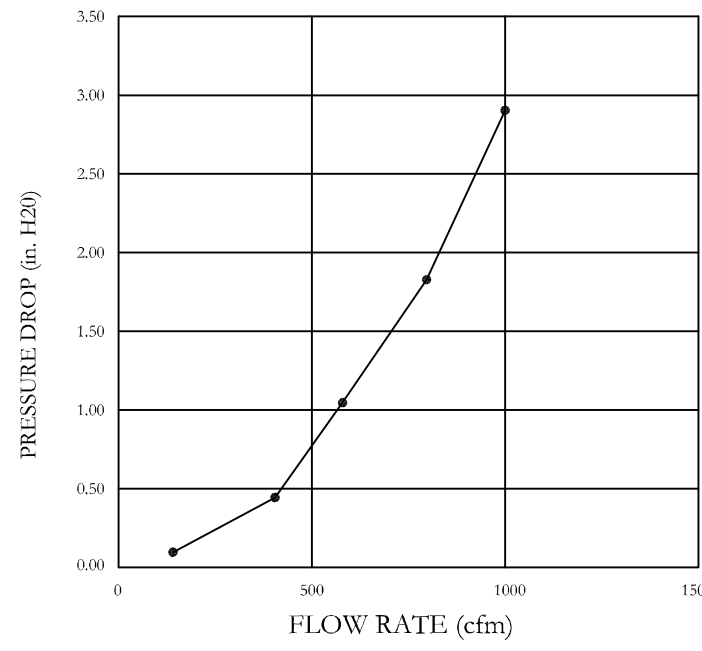
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 10 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

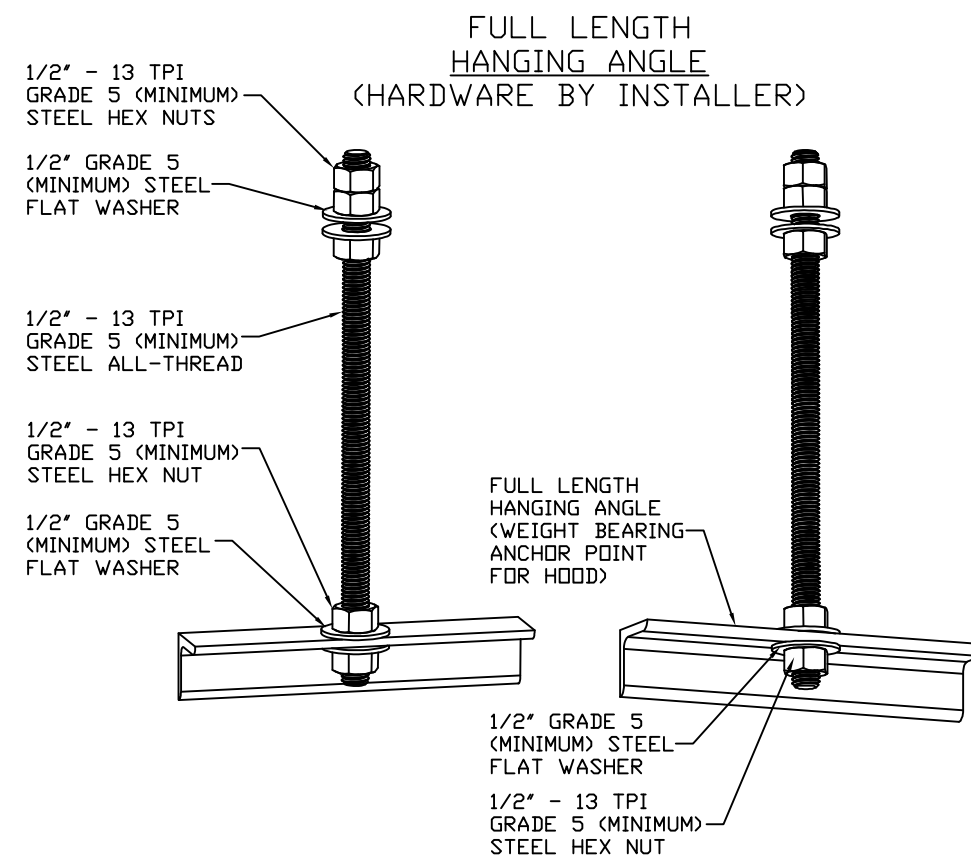
EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE

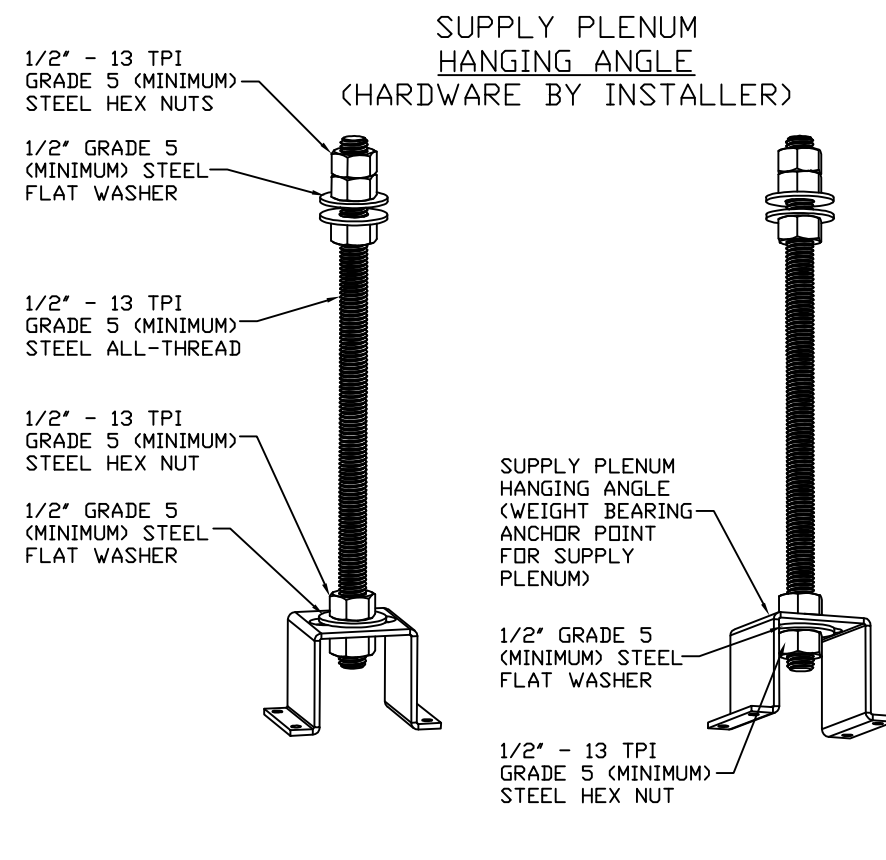


CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96
NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-S649



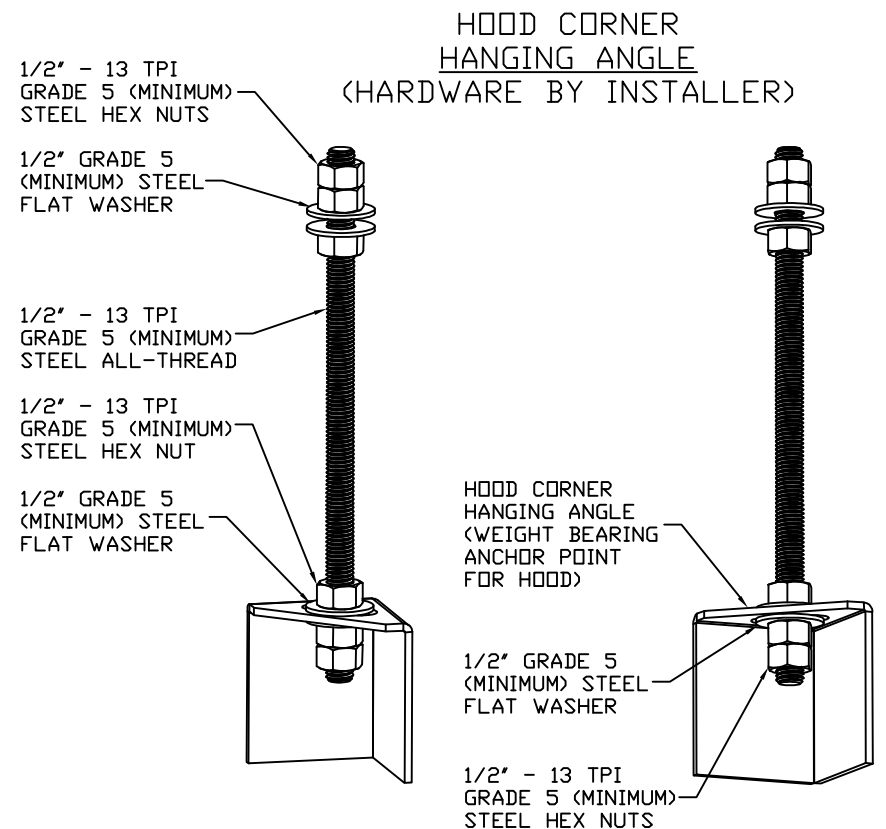
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



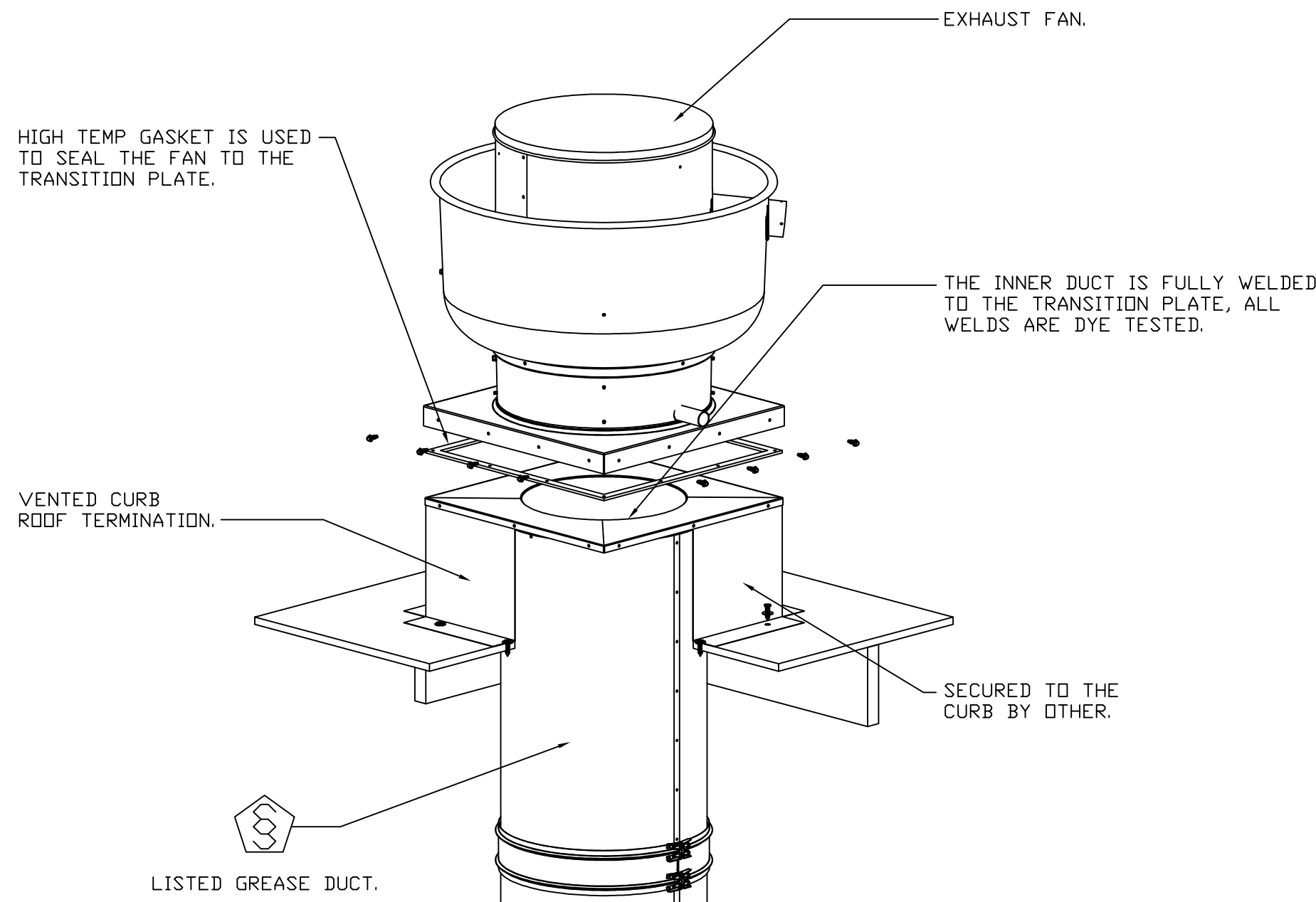
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

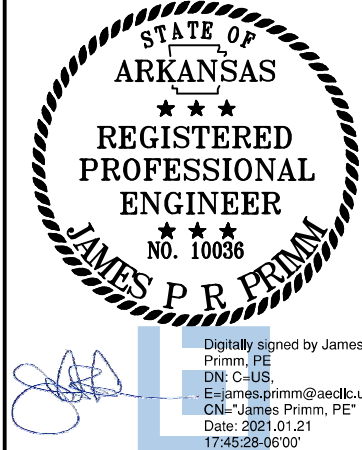
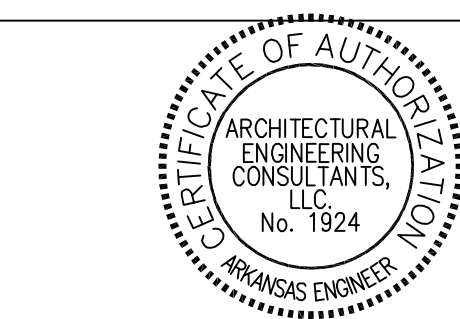


System Design Verification (SDV)

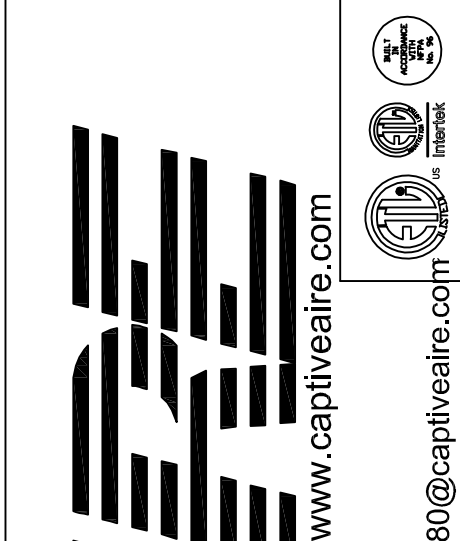
If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.



REVISIONS	
DESCRIPTION	DATE



CAPTIVEAIRE
Tulsa Office
1201 East 51st Street, Suite 101A, Tulsa, OK 74116
PHONE: (918) 268-0281 FAX: (918) 227-5947 EMAIL: reg80@captiveaire.com
Project Number: 1920-3809-002
FOR HILLCREST SCHOOL DISTRICT
LYNN SCHOOL CAMPUS, LYNN ARKANSAS

STRAWBERRY SCHOOL
LYNN, AR, 72440

DATE: 3/25/2020	
DWG.#: 4306598	
DRAWN BY: CWL	
SCALE: 3/4" = 1'-0"	
MASTER DRAWING	
SHEET NO. 1	

CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002
FOR HILLCREST SCHOOL DISTRICT
LYNN SCHOOL CAMPUS, LYNN ARKANSAS

ARCHITECTURAL ENGINEERING CONSULTANTS, LLC
3000 John F Kennedy Blvd - North Little Rock, AR 72110
AEC JOB #: 0803.20.02

ISSUE DATE: 12-27-2020	
REVISIONS	
NO.	DATE

KITCHEN HOOD DETAILS

M401

PLAN VIEW - Hood #2
12' 0.00" LONG 6024ND-2-ACPSP-F

ACPSP ships loose for field installation

ER WITH DAMPER

S

24"

18"

6"

3/4"

24"

60"

12"

72"

60"

HANGING ANGLE

EXHAUST RISER

SEE HOOD TABLE

80" CAPRATE SOLID FILTER WITH HOOD

12.00" BACK STANDOFF

GREASE DRAIN WITH REMOVABLE CUP

1" LAYER OF INSULATION FACTORY INSTALLED IN 3" INTERNAL STANDOFF. MEETS 0 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES.

24"

18"

24"

6"

6"

23.5% OPEN STAINLESS STEEL PERFORATED PANEL

SUPPLY RISER WITH VOLUME DAMPER

2 3/4"

6"

24"

18"

48.0" MAX

80"

12"

UTILITY DISTRIBUTION SYSTEM SEE DRAWINGS

EQUIPMENT BY OTHERS

EQUIPMENT BY OTHERS

80"

48.0" MAX

FIELD WRAPPER 18.00" HIGH (SEE HOOD OPTIONS TABLE)

SECTION VIEW - MODEL 6024ND-2-ACPSP-F
HOOD - #1

DO NOT INSTALL
HVAC RETURNS ☒
OR 4-WAY DIFFUSERS ☒
WITHIN TEN (10) FEET OF HOOD

CAPTIVE

STRAWBERRY SCHOOL
LYNN, AR, 72440

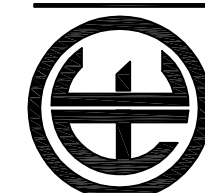
SHEET NO.
2



FOR
HILLCREST SCHOOL DISTRICT-
LYNN SCHOOL CAMPUS | LYNN ARKANSAS

andrew hicks | architect
AHA
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209 N. Pierce
Little Rock, Arkansas 72205 www.andrewhicksarchitect.com

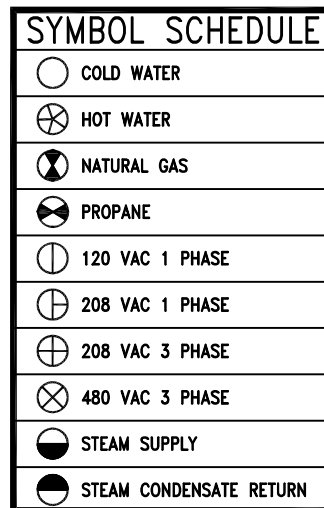
ARCHITECTURAL ENGINEERING
— CONSULTANTS, LLC. —



NO.	
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KITCHEN HOOD DETAILS

M402




FLAG NOTES




1	120V/200V/3PH/100AMP ELECTRICAL SERVICE FROM ABOVE. PROVIDED BY ELECTRICAL CONTRACTOR.
2	120V/PH/15A DEDICATED ELECTRICAL CIRCUIT INTO UDS TERMINALS "H, N1" FOR FUEL/SHUNT CONTROL. PROVIDED BY ELECTRICAL CONTRACTORS SEE SHEET 2.
3	3-WIRE ELECTRICAL CIRCUIT FROM HOID CONTROL PACKAGE TERMINALS "GAS, ST & KTS" TO UDS TERMINALS "GAS, ST & KTS" FOR UDS SHUT DOWN IN A FIRE CONDITION. PROVIDED BY ELECTRICAL CONTRACTORS SEE SHEET 2.
4	2" SINGLE GAS SERVICE FROM ABOVE PROVIDED BY PLUMBING CONTRACTOR
5	3/4" COLD WATER SERVICE FROM ABOVE (PROVIDED BY PLUMBING CONTRACTOR)
6	3/4" HOT WATER SERVICE FROM ABOVE (PROVIDED BY PLUMBING CONTRACTOR)
7	120V/200V/3PH/100A SERVICE MAIN BREAKER W/SHUNT TRIP AND RESET HANDLE.
8	STATUS INDICATOR LIGHTS.
9	EMERGENCY KILL SWITCH.
10	DCD RECEPTACLE W/ BREAKER & WEATHERPROOF COVER.
11	ELECTRICAL LOAD CENTER WITH INDIVIDUAL CIRCUIT BREAKERS.
12	ELECTRICAL WIRING TO APPLIANCES.
13	ELECTRICAL CONNECTION W/WEATHERPROOF COVER AS SPECIFIED ON THE EQUIPMENT SCHEDULE. SEE SHEET
14	PLUMBING CONNECTION AS SPECIFIED IN THE EQUIPMENT SCHEDULE. SEE THIS SHEET.
15	MANUAL SHUT OFF VALVE.
16	2" 120V ELECTRICAL GAS VALVE.
17	REMOVABLE ACCESS DOORS.
18	NEOPRENE BUMPERS



UTILITY ELECTRICAL SYSTEM EQUIPMENT SCHEDULE																							
EQUIPMENT		ELECTRICAL										GAS				STEAM		CONNECTION		NOTES			
CONJ/L	ITEM	DESCRIPTION	MANUFACTURER	MODEL #	KW	AMPS	1P	3P	1P/1L	PH	20	15	3P/2	SIZE	MBH	HOT	COLD	SUPPLY (QW)	RETURN (UR)	TYPE	LENGTH		
10	21	DBL CONV OVEN	BLODGETT	DFG-100	0.7	6.0	-	-	-	-	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	2087 REQUIRED	
10	21	DBL CONV OVEN	BLODGETT	DFG-100	0.7	6.0	-	-	-	-	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	2087 REQUIRED	
10	21	DBL CONV OVEN	BLODGETT	DFG-100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	QUICK DISCONNECT	-	-	
2	21	DBL COMB OVEN	RATIONAL	SC6262/620	0.8	3.7	-	-	-	-	208	1	15	2	3/4"	110	-	-	-	-	DIRECT	8'	CONDUIT & WIRE
26	23	DBL COMB OVEN	RATIONAL	SC6262/620	0.8	3.7	-	-	-	-	208	1	15	2	-	-	-	-	-	-	DIRECT	8'	CONDUIT & WIRE
23	23	DBL COMB OVEN	RATIONAL	SC6262/620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	QUICK DISCONNECT	5'	-
20	23	DBL COMB OVEN	RATIONAL	SC6262/620	-	-	-	-	-	-	-	-	-	-	3/4"	212	-	-	-	-	QUICK DISCONNECT	5'	-
3	27	FRYER	FRAMSTER	MJCF	0.1	1.0	-	-	-	-	100	1	20	36352	-	-	-	-	-	-	SUPPLIED	-	GF BREAKER
3	27	FRYER	FRAMSTER	MJCF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	QUICK DISCONNECT	5'	-
46	28	SW EYE RANGE	US RANGE	LSH-4R	-	-	-	-	-	-	-	-	-	-	3/4"	230	-	-	-	-	QUICK DISCONNECT	5'	-
46	28	SW EYE RANGE	US RANGE	LSH-4R	0.4	3.4	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	GF BREAKER
50	29	TLT SKILLET	CLEVELAND	SEL-40-TR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	QUICK DISCONNECT	5'	-
50	29	TLT SKILLET	CLEVELAND	SEL-40-TR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	QUICK DISCONNECT	5'	-
50	29	TLT SKILLET	CLEVELAND	SEL-40-TR	0.2	1.8	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	CORD & PLUG	6'	GF BREAKER
50	29	TLT SKILLET	CLEVELAND	SEL-40-TR	-	-	-	-	-	-	-	-	-	-	3/4"	200	-	-	-	-	QUICK DISCONNECT	5'	-
66	21	DBL CONV OVEN	BLODGETT	DFG-100	0.7	6.0	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	2087 REQUIRED
66	21	DBL CONV OVEN	BLODGETT	DFG-100	0.7	6.0	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	2087 REQUIRED
66	21	DBL CONV OVEN	BLODGETT	DFG-100	-	-	-	-	-	-	-	-	-	-	3/4"	110	-	-	-	-	QUICK DISCONNECT	5'	-
ES1	-	ELECTRICAL SHAPE	-	-	-	16.0	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	GF BREAKER
DI	-	DUPLEX OUTLET	-	-	-	-	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	GF BREAKER
DI	-	DUPLEX OUTLET	-	-	-	-	-	-	-	-	120	1	20	1	26352	-	-	-	-	-	SUPPLIED	-	GF BREAKER
TOTAL CONNECTED LOAD:					51 KW	142 AMPS	-	-	-	-	-	-	-	-	102.0 MBH	H.W.	-	STEAM SUPPLY		LOADS	-	-	
FUTURE AVAILABLE LOAD CAPACITY:					237 KW	658 AMPS	-	-	-	-	-	-	-	-	688.0 MBH	H.W.	-	STEAM SUPPLY		LOADS	-	-	
SYSTEM CAPACITY:					288 KW	802 AMPS	-	-	-	-	-	-	-	-	170.0 MBH	C.W.	-	COND. RETURN		LOADS	-	-	
SERVICE SIZE:					120/208 V/3 PH	65/100 AMPS	-	-	-	-	-	-	-	-	2" IPS	3/4"	-	COND. RETURN		LOADS	-	-	
S = 30 PSI RISK 10000 B = 300 PSI RISK 10000 COP = 2.0 COND. CONNECTION RISK BY COODING COMPANY MANUFACTURE																							
SB = STRAIGHT BLACK FLUOS = TEE/ELB FLUOS PS = PIPE & FITTEE FLUOS = COND. CONNECTION RISK																							

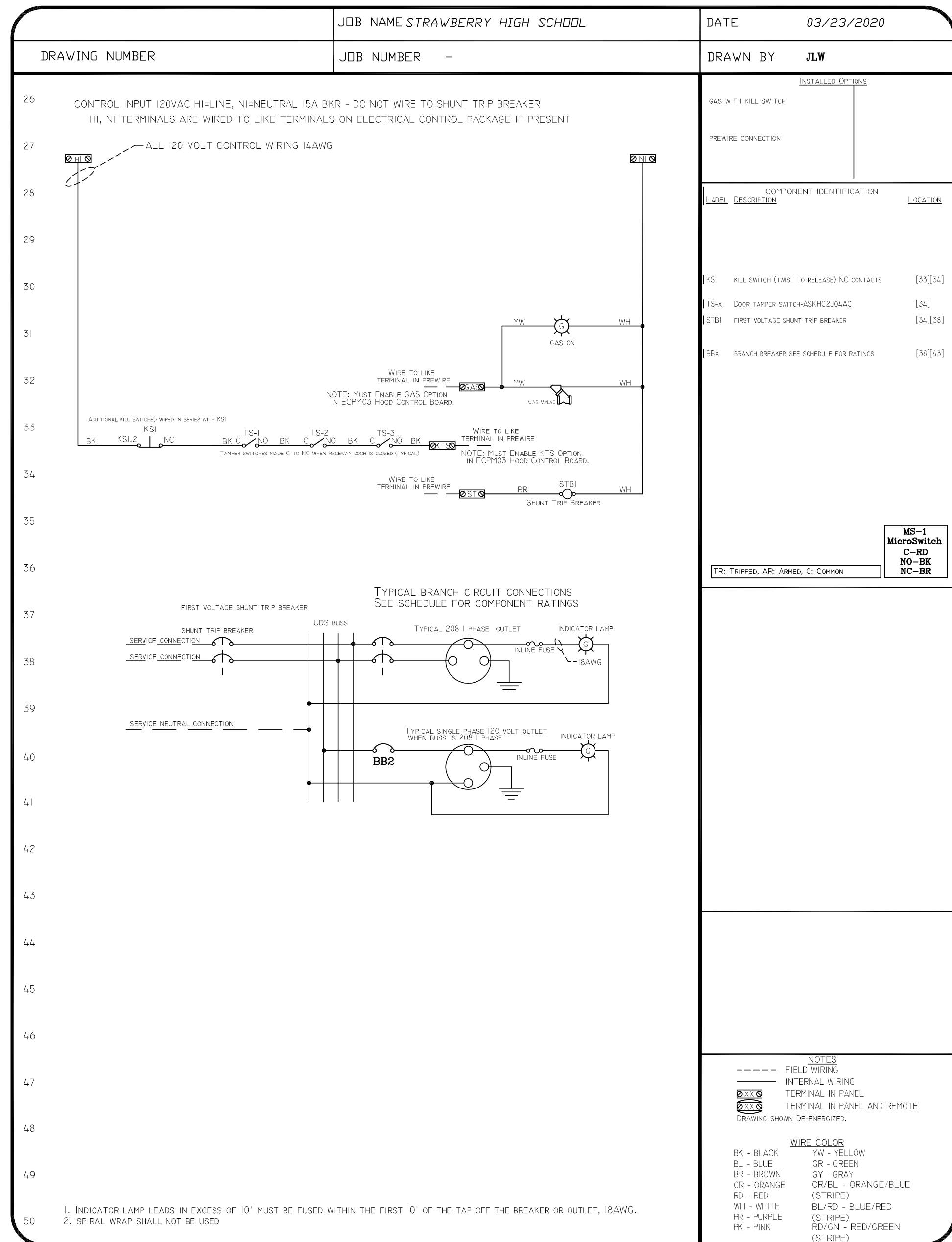
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www.captivaire.com

EMAIL: regbu@captivaire.com



4



Project Number: 1920-3809-002

| YNN SCHOOL CAMPUS | YNN ARKANSAS

Walmart

209 N. Pierce
voice - 501.219.1614
fax - 501.219.1613

3806 JOHN F. KENNEDY BLVD - NORTH LITTLE ROCK, AR 72110
501.378.9653 Phone

ISSUE DATE: 12/37

NO

NO

NO

1

NO

NO

NO

KITCHEN HOOD DETAILS

M404

EXHAUST FAN INFORMATION – Job#4306598

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SDNES
1		DU180HFA	2400	1.000	1094	1.000	0.6320	3	208	3.8	554 FPM	153	13
2		DU180HFA	2400	1.000	1094	1.000	0.6320	3	208	3.8	554 FPM	153	13
3		DU33HFA	600	0.500	1336	0.333	0.1470	1	115	4.3	297 FPM	67	12.1

MUA FAN INFORMATION – Job#4306598

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	ø	VOLT	FLA	MCA	MOCF	WEIGHT (LBS.)	SDNES
4		A2-D250-20D	20MF-2-MOD	A2-D250	2000	3840	0.500	1490	3.000	1.9020	3	208	9.5	11.9A	20A	806	14.4

GAS FIRED MAKE-UP AIR UNIT(S)

FAN UNIT NO.	TAG	INPUT BTUs	OUTPUT BTUs	TEMP. RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
4		246920	227166	56 deg F	7 in. w.c. – 14 in. w.c.	Natural	92

FAN OPTIONS

FAN UNIT NO.	TAG	OPTION (Qty. – Descr.)
1		1 – Grease Box 1 – Hinge Kit – Ships Loose for Curb Supplied by Others
2		1 – Grease Box 1 – Hinge Kit – Ships Loose for Curb Supplied by Others
3		1 – ECM Wiring Package – Manual or 0-10VDC Reference Speed Control (TELCO Motor), CCW Rotation 1 – 1 15-BDD Damper 1 – SCR-11 Bird Screen 1 – AC Interlock Relay – 24VAC Coil 1 – Motorized Backdraft Damper for A2-D Housing 1 – Low Fire Start 1 – Inlet Pressure Gauge, 0-35" 1 – Manifold Pressure Gauge, -5 to 15" wc 1 – Insulation Option for VBank Filter section
4		1 – DF 2 Indoor Hanging Option – Includes 2 HSA125 Hanging Spring Isolators per Uni-Strut 1 – Separate 120V Wiring Package (Required and used only for DCV or Prewire with VFD) – Three Phase Only 1 – Size 2 Direct Fired Heater Low CFM Profile Package. Used on Heaters under 2500 CFM.

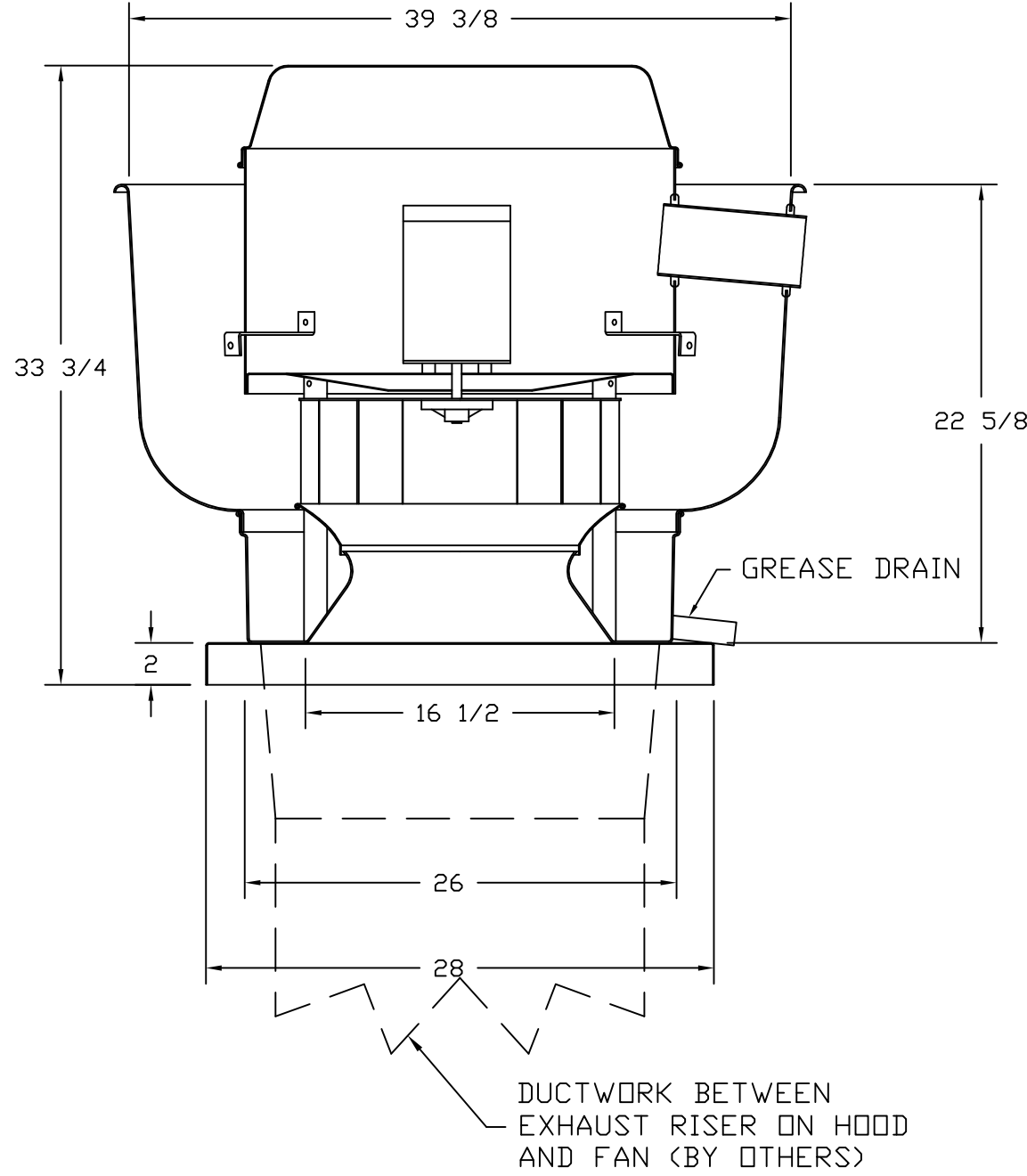
FAN ACCESSORIES

FAN UNIT NO.	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1			YES					
2		YES						
3			YES					
4					YES		YES	

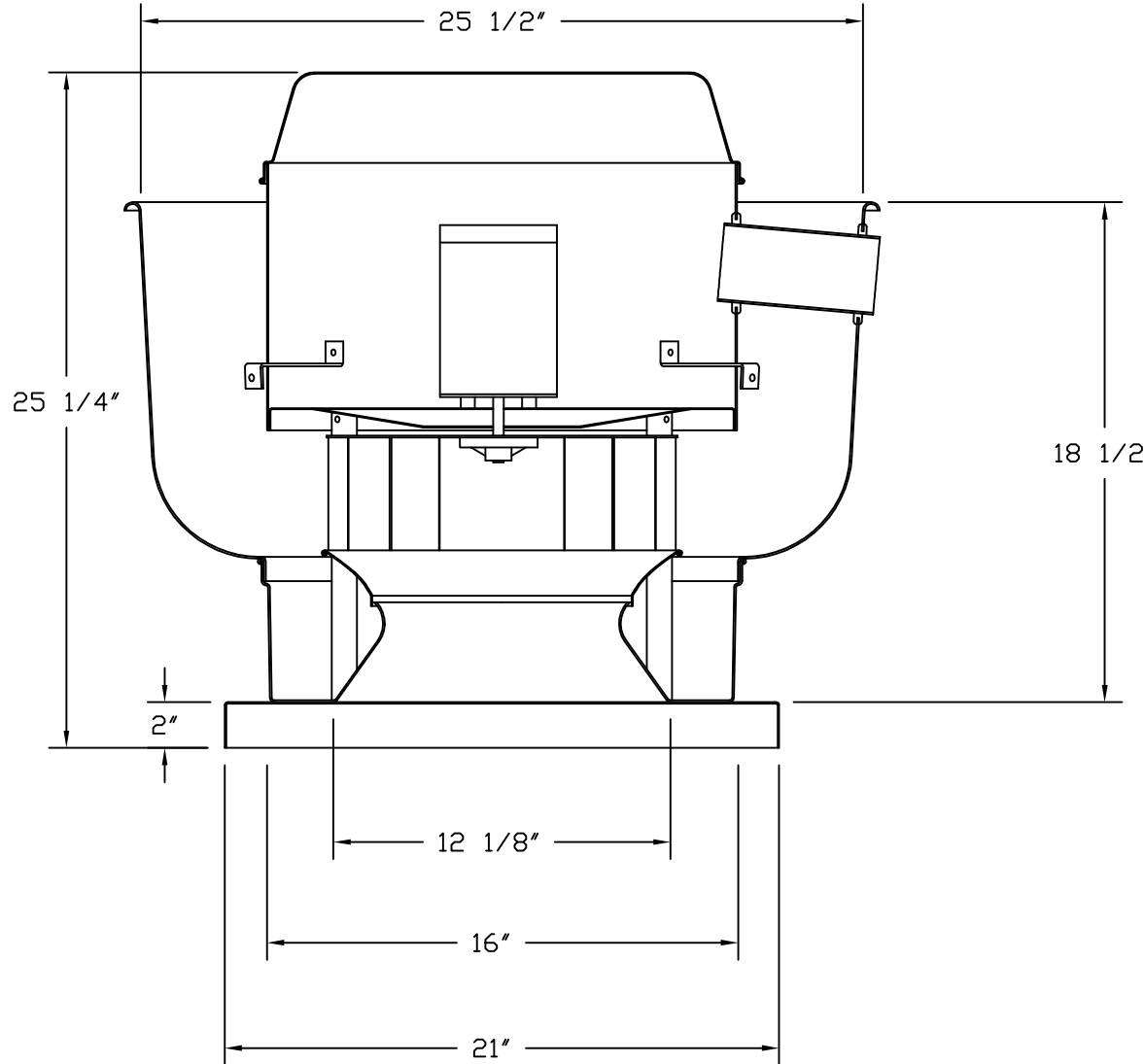
CURB ASSEMBLIES

NO.	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	34 LBS	Curb	26.500"W x 26.500"L x 24.000"H Vented
2	# 2	34 LBS	Curb	26.500"W x 26.500"L x 24.000"H Vented
3	# 3	30 LBS	Curb	19.500"W x 19.500"L x 24.000"H
4	# 4	90 LBS	Curb	31.000"W x 79.000"L x 20.000"H Insulated
	# 4		Rail	4.000"W x 4.000"L x 36.000"H

FANS #1, #2 – DU180HFA EXHAUST FAN



FAN #3 DU33HFA – EXHAUST FAN



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

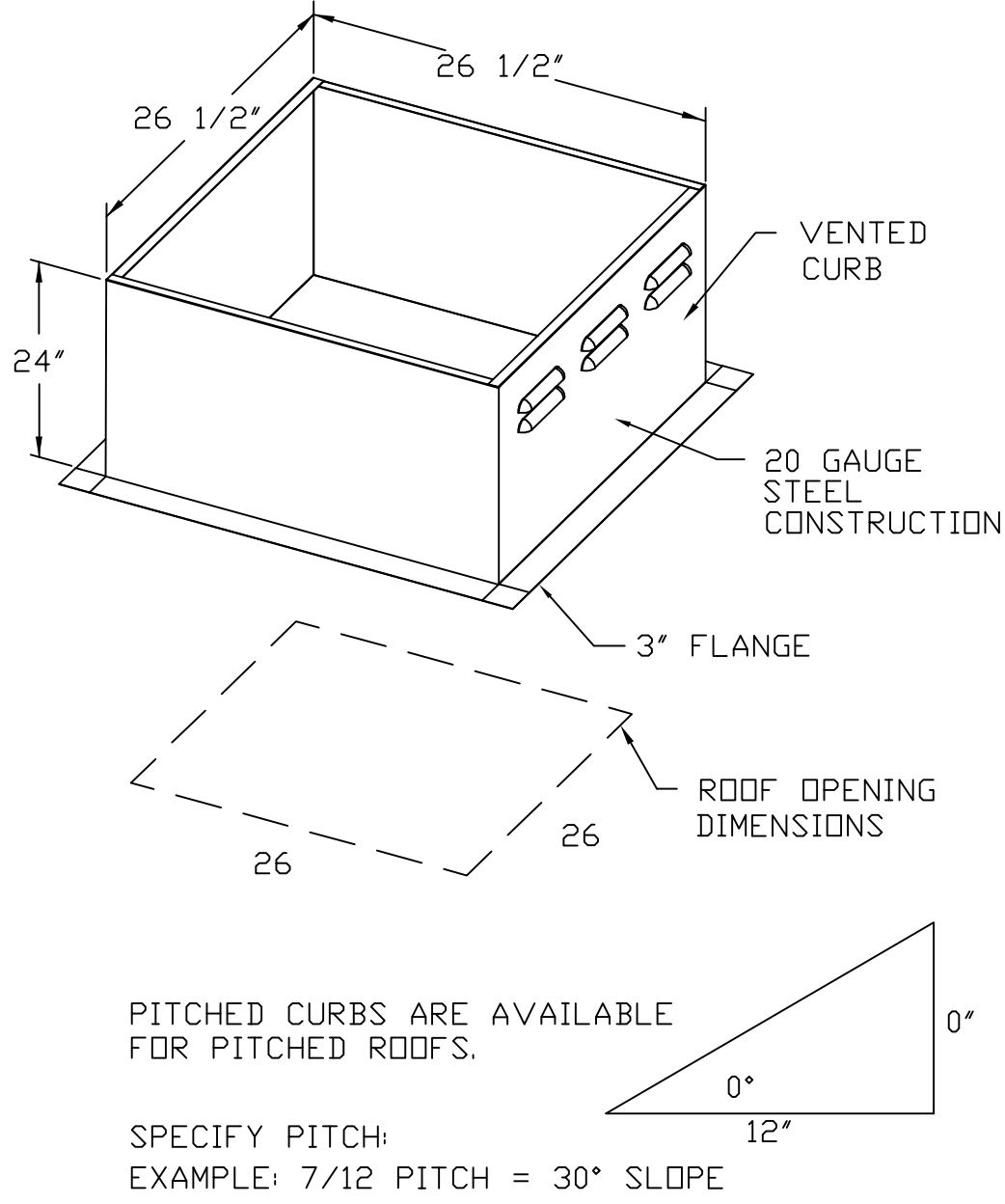
GREASE BOX
HINGE KIT – SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS.

FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- UL705
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)

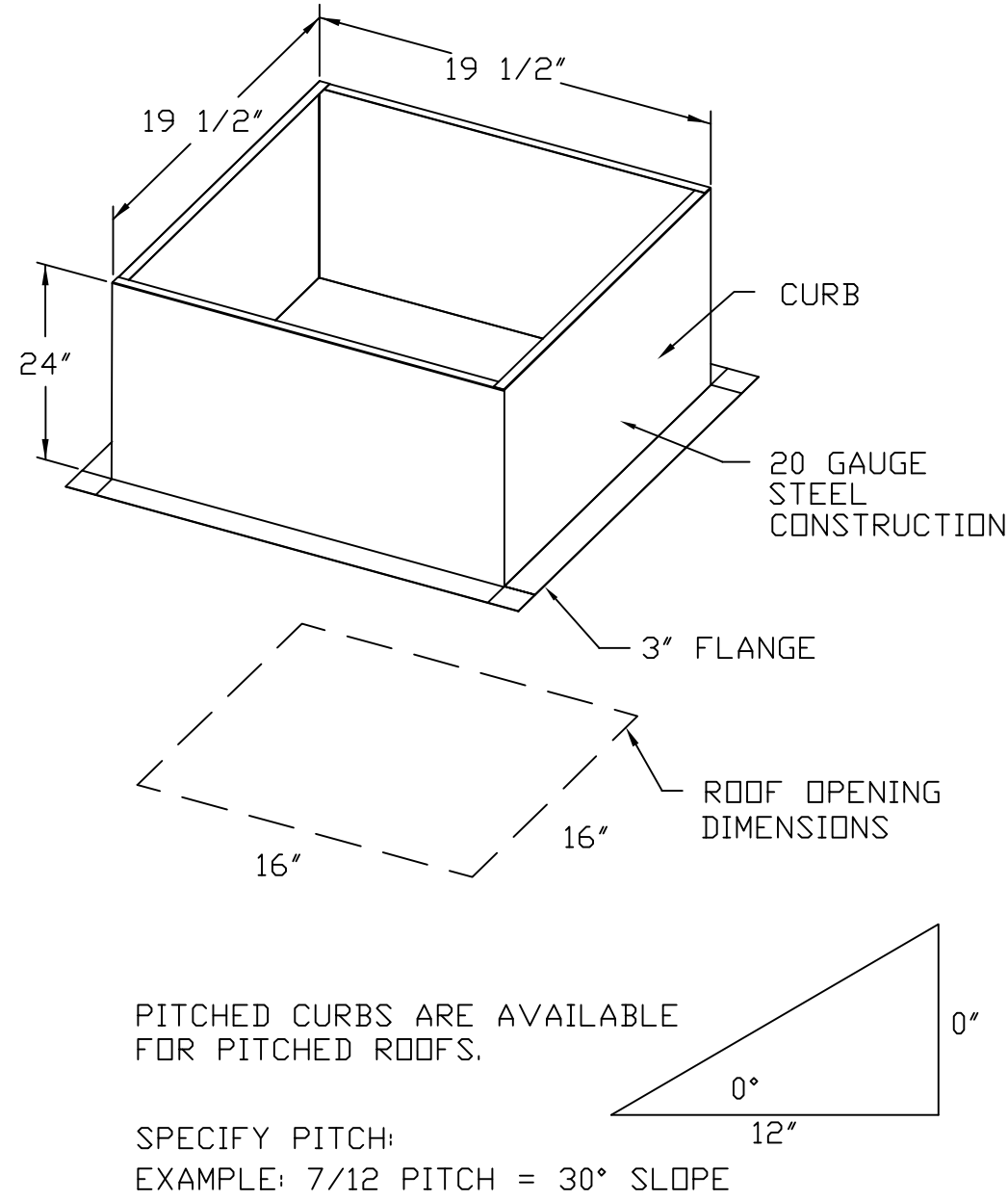
OPTIONS

ECM WIRING PACKAGE – MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELCO MOTOR), CCW ROTATION.
1 15-BDD DAMPER.
SCR-11 BIRD SCREEN.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

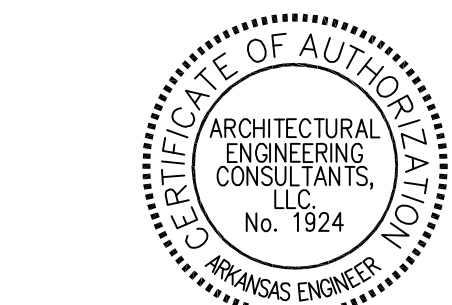
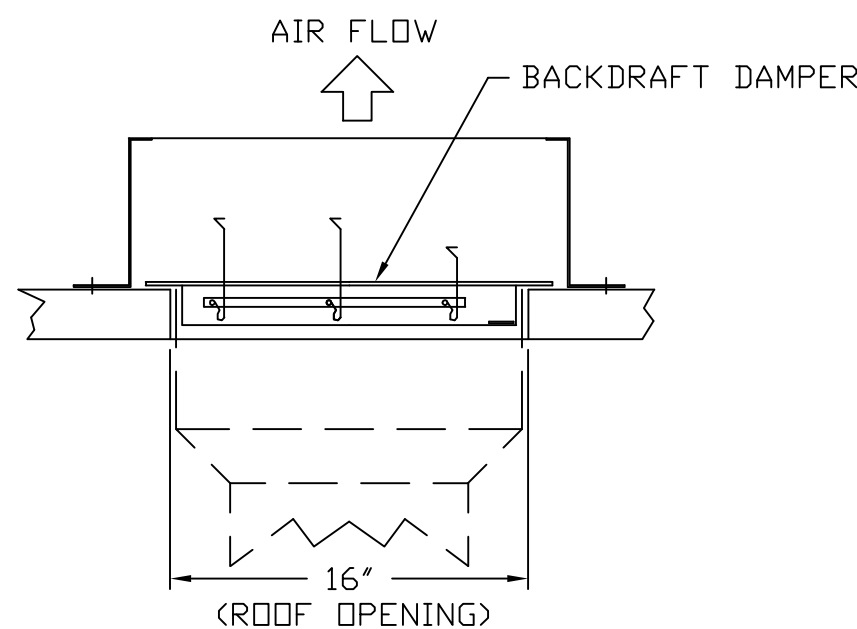
SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE

BACKDRAFT DAMPER INSTALLATION



REVISIONS		
	DESCRIPTION	DATE:
△		
△		
△		
△		

CAPTIVE AIR

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Tulsa Office
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CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

FOR HILLCREST SCHOOL DISTRICT.

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3006 John F Kennedy Blvd - North Little Rock, AR 72190
AEC Job #: 0803.20.02

ISSUE DATE:	12-27-2020
REVISIONS	
NO.	DATE
NO.	
NO.	
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NO.	
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KITCHEN HOOD DETAILS

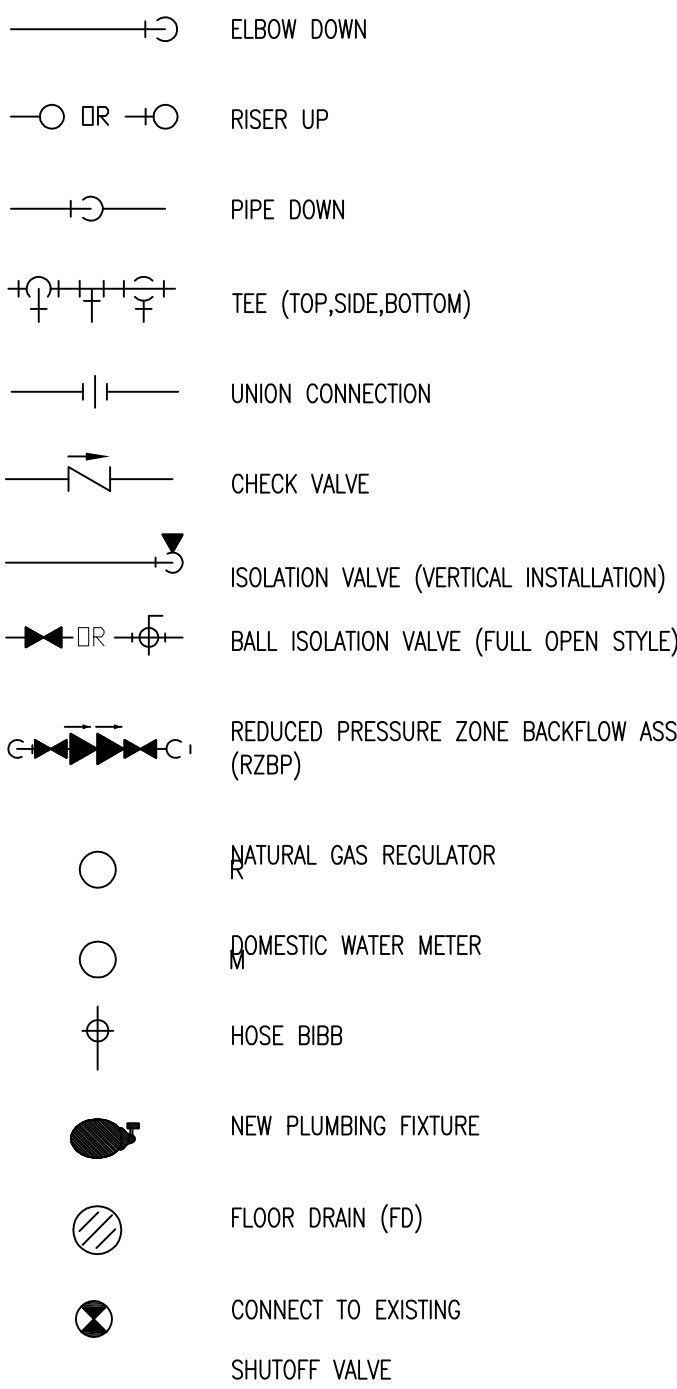
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ABBREVIATIONS

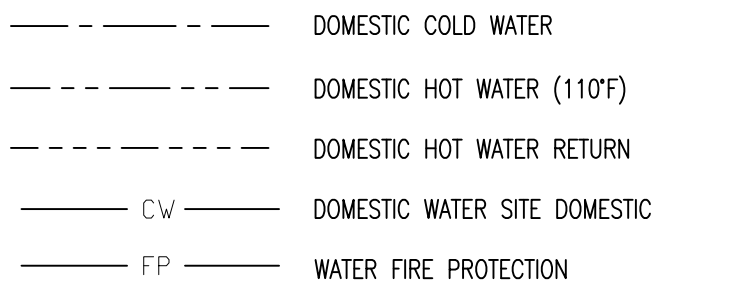
- 1) ALL ABBREVIATIONS SHOWN MAY NOT BE APPLICABLE TO THIS PROJECT.
2) REFER TO EQUIPMENT SCHEDULES FOR EQUIPMENT DESIGNATIONS.
3) REFER TO PIPING DESIGNATIONS AND TYPES FOR PIPE ABBREVIATIONS.

A ABV ABOVE AFF ABOVE FINISHED FLOOR AFS ABOVE FINISHED GRADE AMP AMPERES ANSI AMERICAN NAT'L STANDARDS INSTITUTE APD AIR PRESSURE DROP ARCH ARCHITECT, ARCHITECTURAL ARI AIR CONDITIONING & REFRIG INSTITUTE ASTM AMERICAN SOCIETY OF TESTING & MATLS AUX AUXILIARY AWG AMERICAN WIRE GAUGE AWW AMERICAN WATER WORKS ASSOC.	B BLDG BUILDING BOD BOTTOM OF DUCT BOP BOTTOM OF PIPE BDS BOTTOM OF STRUCTURE BTU BRITISH THERMAL UNIT	C CONN CONNECT, CONNECTION CFH CUBIC FEET PER HOUR CFM CUBIC FEET PER MINUTE CFS CUBIC FEET PER SECOND CIRC CIRCULATING CKT CIRCUIT CL CENTERLINE CLG CEILING CMU CONCRETE MASONRY UNIT CO CLEANOUT COTG CLEANOUT TO GRADE COL COLUMN CPVC CHLORINATED POLYVINYL CHLORIDE COPPER COPPER CW COLD WATER	D DB DRY BULB DB DEGREE DEG DEGREES DESIG DESIGNATION DIA (OR Ø) DIAMETER DIM DIMENSION DISC DISCONNECT DN DOWN DX DIRECT EXPANSION	E EA EACH EAT ENTERING AIR TEMPERATURE EAB ENTERING DRY BULB EA EXHAUST AIR ELEV ELEVATION ELEC ELECTRICAL EQP,EQUIP EQUIPMENT ESP EXTERNAL STATIC PRESSURE EWG ELECTRICAL WATER COOLER EXH EXHAUST	F FA FIRE ALARM FACP FIRE ALARM CONTROL PANEL FCO FLOOR CLEANOUT FLA FULL LOAD AMPS FLEX FLEXIBLE FPM FEET PER MINUTE FT FOOT, FEET °F DEGREES FAHRENHEIT	G GRND GROUND GA GAUGE GAL GALLON GALV GALVANIZED GC GENERAL CONTRACTOR GFI, GFC GROUND FAULT INTERRUPTER GPH GALLONS PER HOUR GPM GALLONS PER MINUTE	H H HEIGHT HD HEAD, HUB DRAIN HORIZ HORIZONTAL HP HORSEPOWER HTG HEATING HTR HEATER HVAC HEATING, VENTILATING & A/C HW HOT WATER HYD HYDRANT HZ HERTZ	I ID INSIDE DIAMETER IE INVERT ELEVATION IN INCH, INCHES IN WC INCHES OF WATER COLUMN	J J-BOX JUNCTION BOX	K KW KILOWATTS KWH KILOWATT-HOUR	L LENGTH LAT LEAVING AIR TEMPERATURE LBS POUNDS LDB LEAVING DRY BULB LF LINEAR FEET LP LOW PRESSURE LRA LOCKED ROTOR AMPS LTO LIGHTING LWB LEAVING WET BULB LWT LEAVING WATER TEMPERATURE	M MAX MAXIMUM MBTU,MBH 1000 BTU PER HOUR MCA MINIMUM CIRCUIT AMPACITY MECH MECHANICAL MFR MANUFACTURER MOP MAXIMUM OVER CURRENT PROTECTION MH MANHOLE, METAL HALIDE MIN MINIMUM MTO MOUNTED	N N/A NOT APPLICABLE NC NOISE CRITICAL, NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MFR'S ASSOC. NFA NATIONAL FIRE PROTECTION ASSOC. NTS NOT TO SCALE	O OA OUTSIDE AIR OBD OPPOSED BLADE DAMPER OD OUTSIDE DIAMETER OH OVERHEAD	P PD PRESSURE DROP PH PHASE PLBG PLUMBING PNL PANEL PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PVC POLYVINYL CHLORIDE	Q QTY QUANTITY	R RA RETURN AIR RCP REFLECTED CEILING PLAN, RD ROOF DRAIN RE REFERENCE, REFER RECIRC RECIRCULATE RENF REINFORCING, REINFORCED REQD REQUIRED REV REVISION, REVISE RH RELATIVE HUMIDITY RLA RUNNING LOAD AMPS RPM REVOLUTIONS PER MINUTE	S SA SUPPLY AIR SD SMOKE DAMPER, STORM DRAIN SECT SECTION SF SQUARE FEET, SQUARE FOOT SM SHEET METAL SMACNA SHEET METAL & A/C CONT. NAT'L ASSOC. SP STATIC PRESSURE SPEC SPECIFICATION SQ SQUARE SS STAINLESS STEEL, SANITARY SEWER STANDARD STD	T THRU THROUGH TP TOTAL PRESSURE TSP TOTAL STATIC PRESSURE TSTAT THERMOSTAT TYPICAL	U U/G UNDERGROUND U/S UNDER SLAB UL UNDERWRITERS LABORATORIES, INC.	V V VOLT VA VOLT-AMPERE VAC VACUUM VERT VERTICAL VTR VENT THROUGH ROOF	W W WATT, WIDTH W/ WITH W/O WITHOUT WB WET BULB WC WATER COLUMN WPD WATER PRESSURE DROP WT WATERTIGHT, WEIGHT	X XFRMR TRANSFORMER
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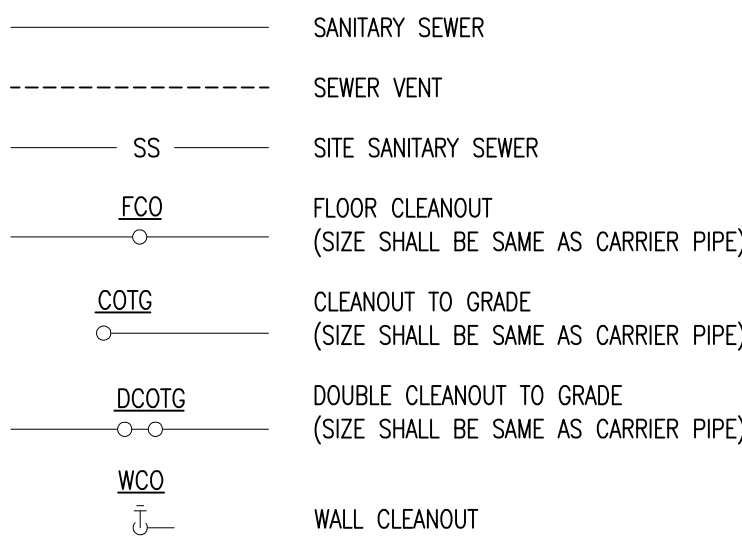
PLUMBING SYMBOLS



DOMESTIC WATER & FIRE PROTECTION



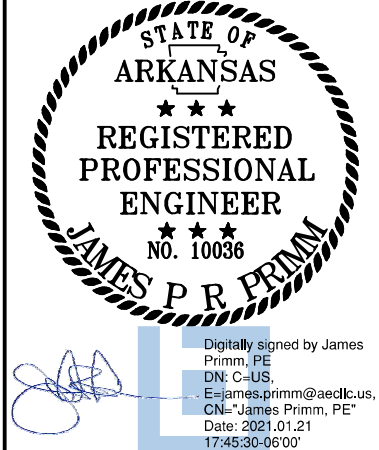
DOMESTIC SEWER



PLUMBING GENERAL NOTES

- 1) REFER TO DRAWINGS AND PROJECT SPECIFICATIONS FOR ADDITIONAL PROJECT INFORMATION AND REQUIREMENTS.
2) REFER TO GENERAL NOTES FOR OTHER DISCIPLINES FOR ADDITIONAL PROJECT INFORMATION AND REQUIREMENTS.
3) NOTIFY ENGINEER OF CONFLICTS BETWEEN REQUIREMENTS OF THESE NOTES, DMS, SPECS, AND FIELD CONDITIONS.

- ALL PLUMBING AND NATURAL GAS WORK SHALL BE INSTALLED AND COMPLY WITH THE REQUIREMENTS OF THE "2006 ARKANSAS PLUMBING CODE", "2006 ARKANSAS FUEL GAS CODE", ALL LOCAL AMENDMENTS AND ORDINANCES GOVERNED BY AUTHORITY HAVING JURISDICTION (AHJ) AND DIVISION 15 SPECIFICATION.
- ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE-VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) IF INFORMATION CONFLICTS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL AND OTHER DRAWINGS FOR COMPLETE INFORMATION.
- EXCEPT WHERE MODIFIED BY SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS OR BOTH, CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM, REGARDLESS OF WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED AS PART OF THE INDICATION OR DESCRIPTION.
- CONTRACTOR SHALL PAY ALL UTILITY FEES & CHARGES AS PART OF BASE BID IN THE CONTRACT.
- THE CONTRACTOR SHALL VISIT SITE AND VERIFY EXISTING CONDITIONS, INCLUDING SITE UTILITY CONDITION AND ROUTING PRIOR TO BIDDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES, i.e., ARCHITECTURAL, HVAC, ELECTRICAL, STRUCTURAL, AND CIVIL PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE UTILITY LOCATIONS, SIZES AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION; i.e., SANITARY SEWER, STORM DRAIN, DOMESTIC WATER AND NATURAL GAS. ALL SERVICES SHALL TERMINATE 5 FEET OUTSIDE THE BUILDING, EXCEPT WHERE SHOWN OTHERWISE. SEE SITE CIVIL DRAWINGS FOR CONTINUATION OF ALL SERVICE LINES.
- PROVIDE ISOLATION VALVES AT EACH FIXTURE GROUP OR BATTERY OF FIXTURES IN THE DOMESTIC CW, HW, HWR AND GAS PIPING. VALVES SHALL BE EASILY ACCESSIBLE. WHERE HARD CEILINGS ARE LOCATED, VALVES SHALL BE ACCESSED THROUGH ACCESS PANELS. ACCESS PANELS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO CONSTRUCTION. WHERE ATTIC WALKS ARE PROVIDED, THE ISOLATION VALVES SHALL BE LOCATED NOT MORE THAN 3 FEET FROM WALKS.
- PROVIDE STOP VALVES AT ALL PLUMBING FIXTURES ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC. SHALL BE CHROME PLATED AND INSTALLED TIGHT TO WALL. WHERE PIPING IS EXPOSED, CHROME PLATED PIPE SHALL BE USED. ALL SHUTOFF VALVES SHALL UTILIZE METAL VALVE STEMS, PLASTIC VALVE STEMS NOT ALLOWED.
- SLOPE 2½" AND SMALLER SANITARY SEWER LINES AT MIN. (2½) K" FALL PER FT. AND 3" AND LARGER SANITARY SEWER LINES AT MIN. (1½) ½" FALL PER FT. SANITARY SEWER AND WATER SHALL BE A MINIMUM OF 10' APART OR THE DOMESTIC WATER SERVICE SHALL BE 12" ABOVE THE TOP OF THE SEWER LINE, AT ITS HIGHEST POINT, IF PLACED IN SAME TRENCH.
- PROVIDE ALL FITTINGS, TRANSITIONS, COUPLINGS, ADAPTERS, UNIONS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROPER OPERATIONS OF PLUMBING FIXTURES AND PLUMBING EQUIPMENT.
- REFER TO SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS OF PLUMBING FIXTURES AND EQUIPMENT, AND PROPER APPLICATIONS OF SAME.
- PROVIDE CLEANOUTS IN ALL SEWERS, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 100 FEET, AT EACH CHANGE OF DIRECTION GREATER THAN 45 DEGREES, AND AT THE BASE OF ON ALL VERTICAL RISER STACKS (APPROX 24" ABOVE FINISH FLOOR).
- WHERE WATER PRESSURES EXCEED 80 PSI, PROVIDE WATER PRESSURE REDUCING VALVES (PRV) WITH STRAINER IN WATER SUPPLY LINES, SETTING AT 80 PSI. SEE CODE AND MANUFACTURER INFORMATION FOR ACCEPTABLE PRESSURE REQUIREMENTS.
- ALL PIPING PENETRATIONS OF THE RATED CEILING AND WALL MUST BE MADE WITH METAL PIPE OR UL LISTED APPROVED DEVICES. FIRE STOP ALL PIPE PENETRATIONS THRU RATED WALLS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS, RATINGS AND FIRE STOPPING DETAILS.
- DO NOT ROUTE ANY PIPING OVER ELECTRICAL PANELS.
- MAINTAIN 10'-0" MINIMUM CLEARANCE BETWEEN FRESH AIR INTAKES, OPERABLE WINDOWS AND FLUES, PLUMBING VENTS AND GAS REGULATORS.
- ALL STORM DRAIN, CONDENSATE DRAIN, SEWER & VENT PIPING SHALL BE RODDED AND CLEANED AT END OF CONSTRUCTION. ALL TRAPS SHALL BE CLEANED AND PRIMED AT END OF CONSTRUCTION.
- ALL PIPE DROPS FROM CEILING PLENUM TO FLOOR SHALL BE MADE IN FURROUTS AT COLUMNS, IN WEB OF BEAMS AT COLUMNS OR IN WALLS. PIPING SHALL BE CONCEALED UNLESS APPROVED BY ARCHITECT.
- PROVIDE WATER HAMMER ARRESTORS IN FIXTURE BRANCHES WHERE QUICK CLOSING VALVES ARE INSTALLED; i.e., FLUSH VALVES, ICE MAKERS, DISHWASHERS, ETC.
- BELOW SLAB WATER PIPE TO BE TYPE K SOFT DRAINING COPPER WITHOUT FITTINGS OR JOINTS. SLEEVE IN ENTIRETY WITH ARMAFLEX OR APPROPRIATE POLYETHYLENE SLEEVE MATERIAL.
- PROVIDE APPROVED BACKFLOW PREVENTION OR ANTI-SIPHON DEVICES AT ALL FIXTURES THAT COULD CONTAMINATE THE POTABLE WATER SYSTEM.
- INSULATE ALL WATER PIPING ABOVE FINISH FLOOR. INSULATION SHALL MEET LOCAL ENERGY CODE REQUIREMENTS IN THICKNESS AND U-VALUE.
- INSULATE ALL EXPOSED HOT WATER & DRAIN PIPING FOR ACCESSIBLE FIXTURES PER ANSI A117.1 AND ADA REQUIREMENTS.

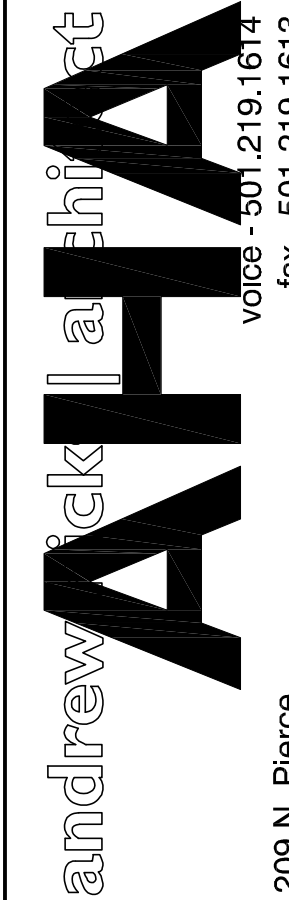


CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

FOR HILLCREST SCHOOL DISTRICT-

LYNN SCHOOL CAMPUS, LYNN ARKANSAS

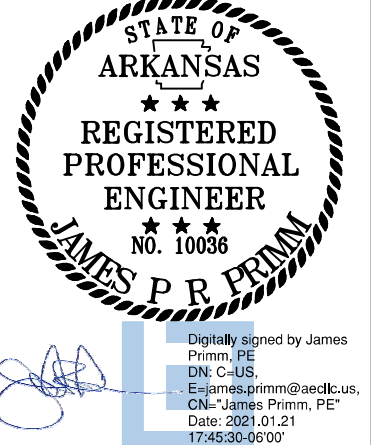
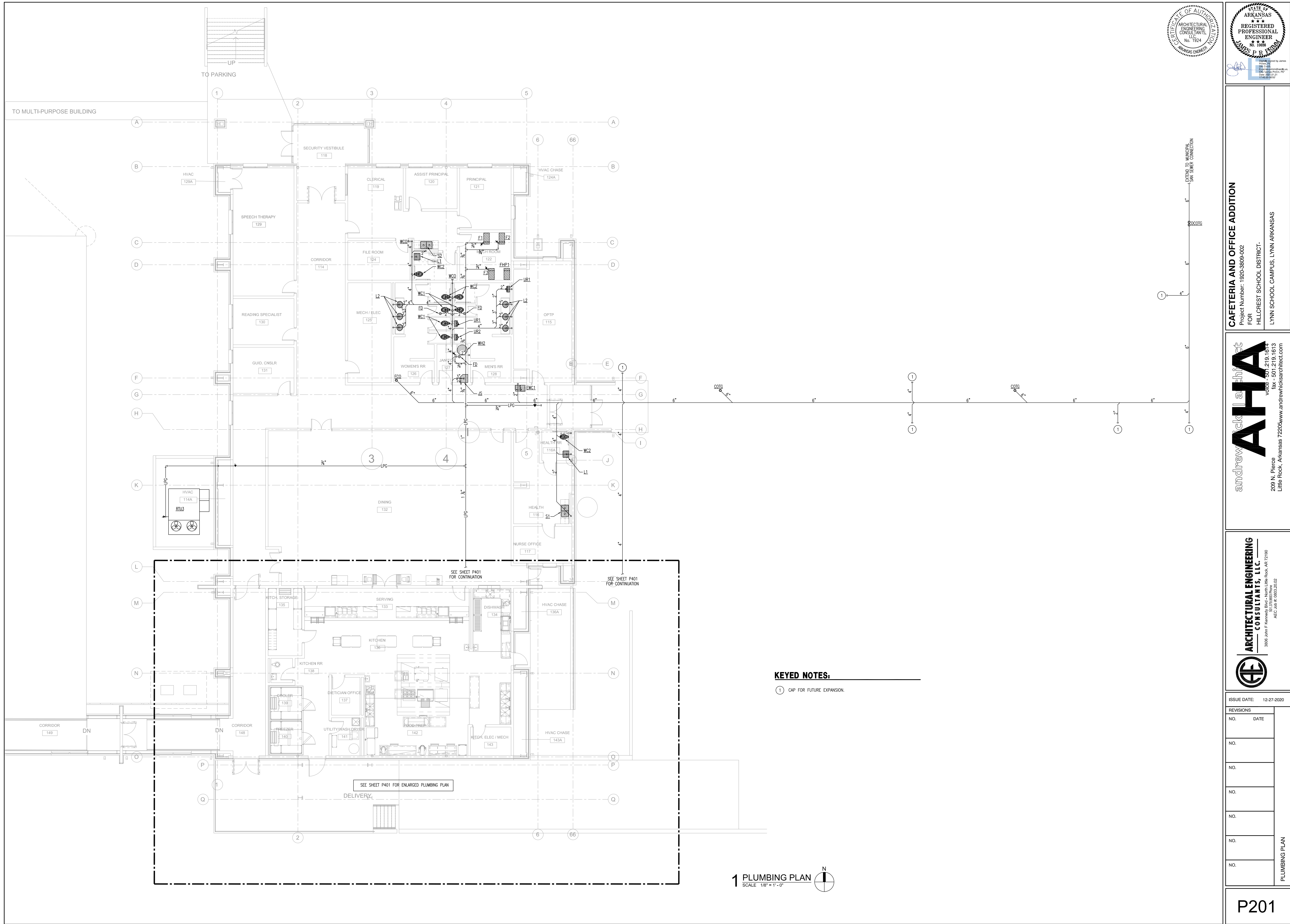


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PLUMBING NOTES, LEGEND, ETC.

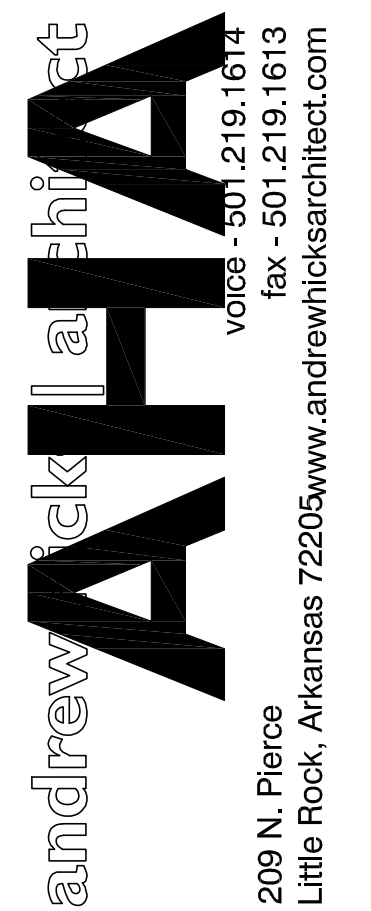


CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

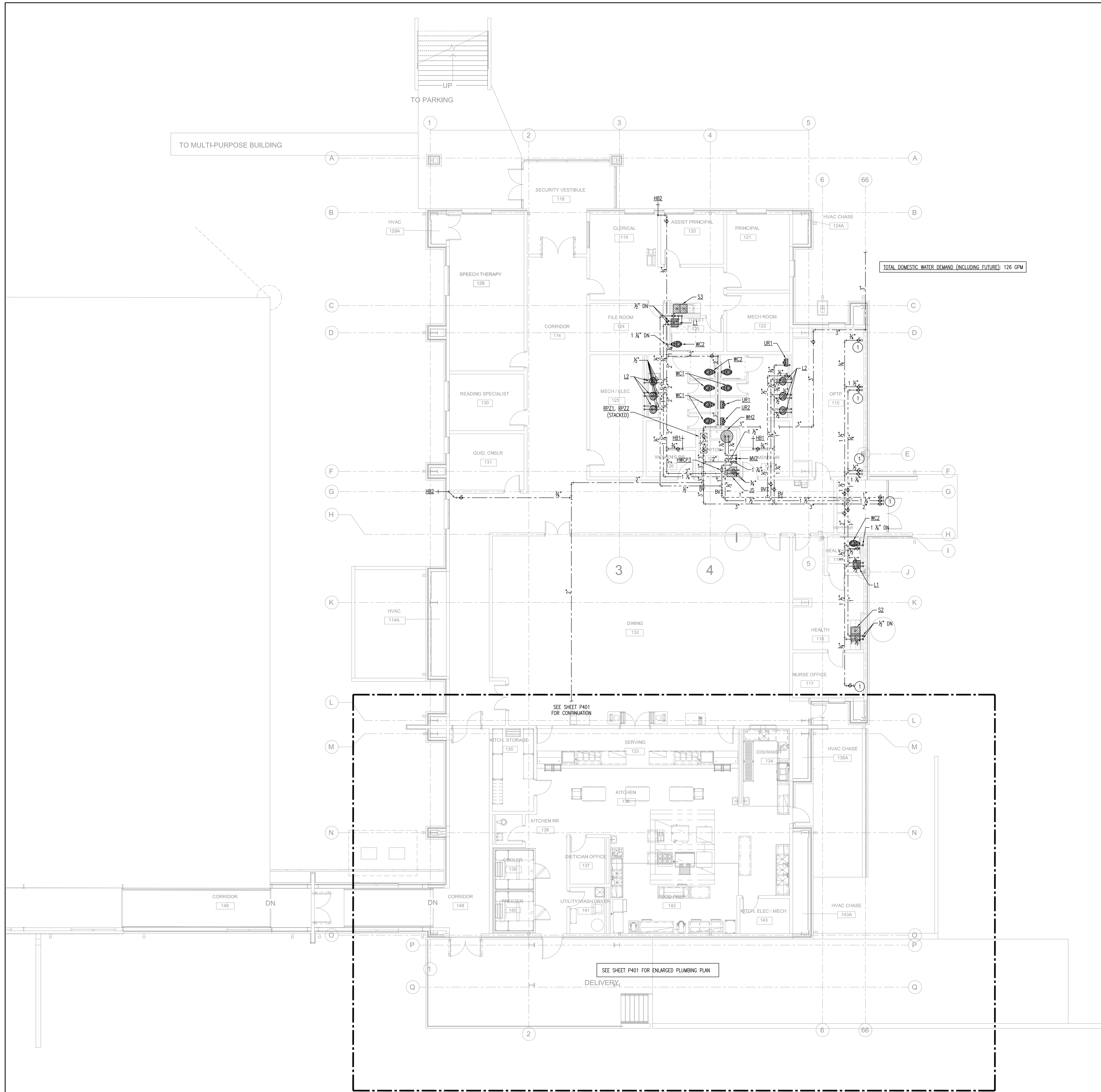
FOR HILLCREST SCHOOL DISTRICT

LYNN SCHOOL CAMPUS, LYNN, ARKANSAS



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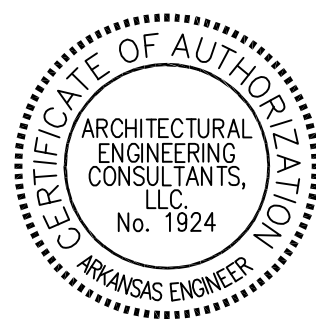
PLUMBING PLAN



KEYED NOTES:

- ① PIPING, CAP AND VALVE FOR FUTURE EXPANSION.

1 PLUMBING PLAN
SCALE 1/8" = 1'-0"

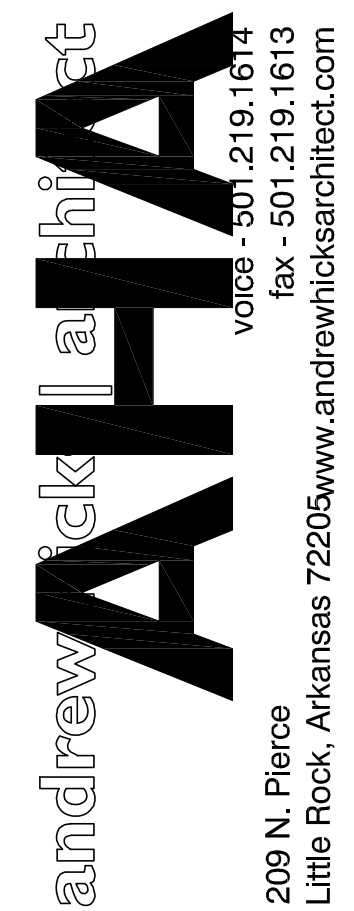


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FOR HILLCREST SCHOOL DISTRICT

LYNN SCHOOL CAMPUS, LYNN, ARKANSAS

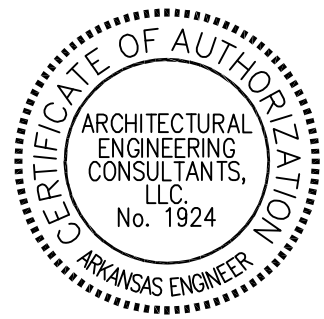


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PLUMBING PLAN

P301

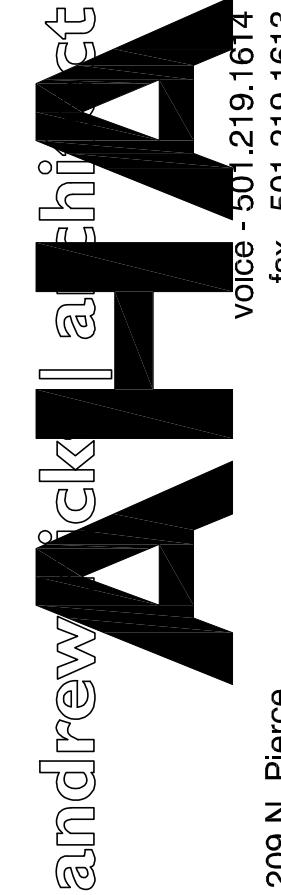


CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002

FOR HILLCREST SCHOOL DISTRICT

LYNN SCHOOL CAMPUS, LYNN, ARKANSAS



ARCHITECTURAL ENGINEERING CONSULTANTS, LLC.

3000 John F. Kennedy Blvd., North Little Rock, AR 72110
AEC Job #: 0803.20.02

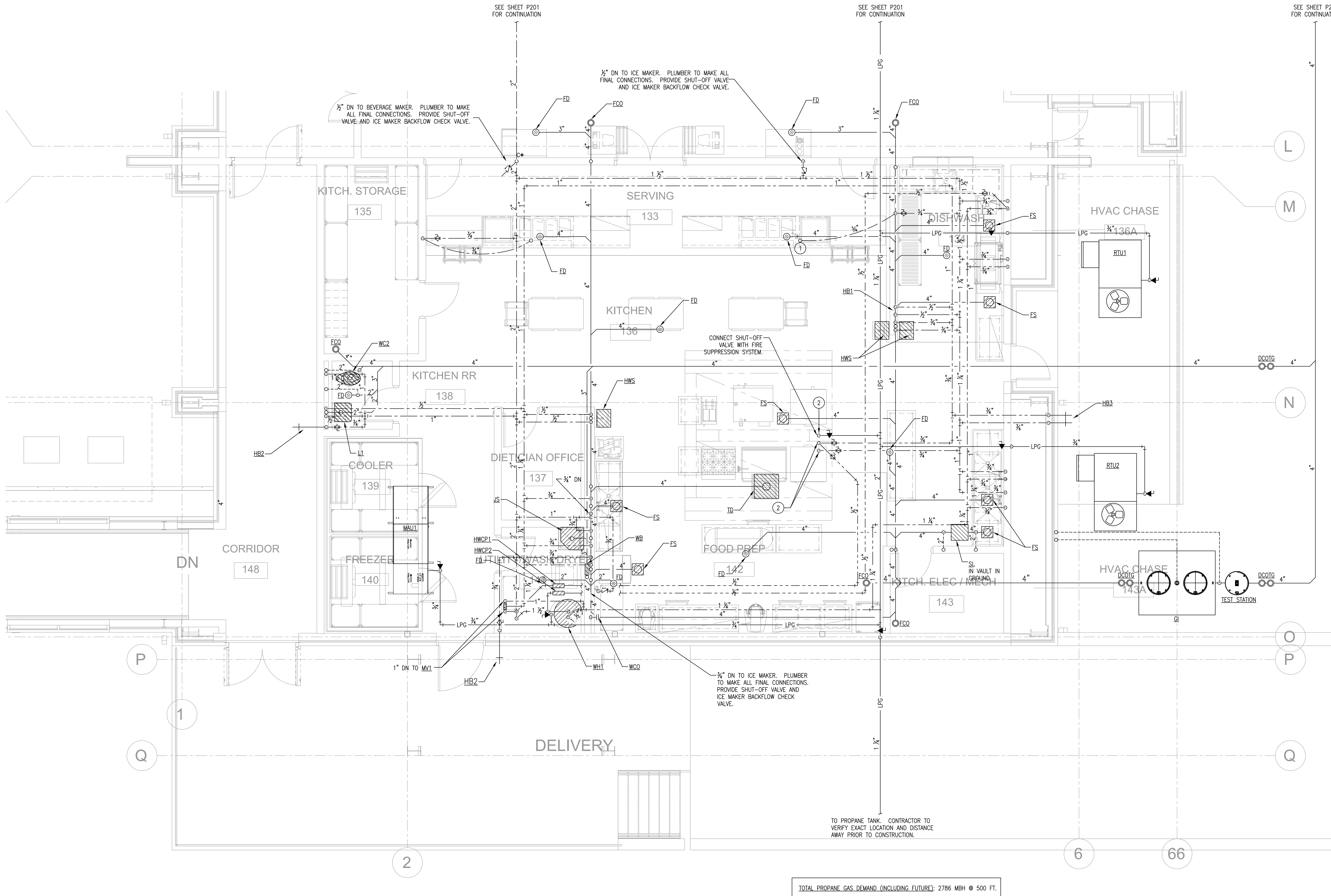
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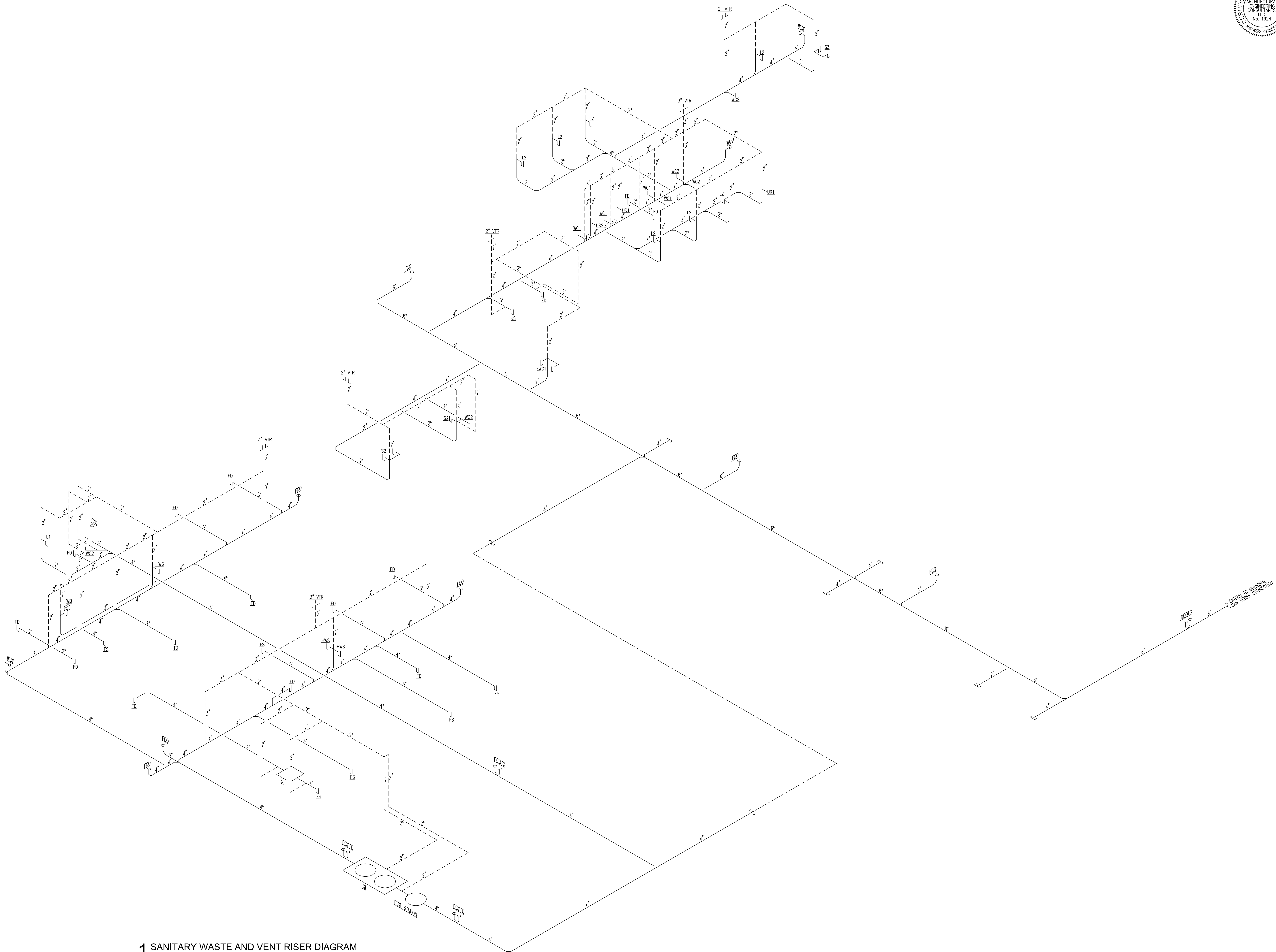
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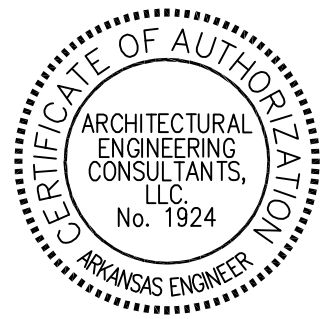
1 ENLARGED PLUMBING PLAN
SCALE: 1/4" = 1'-0"

KEYED NOTES:

- CONNECT TO KITCHEN EQUIPMENT. PROVIDE SHUT-OFF VALVES. PLUMBER TO MAKE ALL FINAL CONNECTIONS IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS.
- ROUTE PIPING INTO UDS AND ROUTE TO ALL EQUIPMENT IN AREA. PLUMBER TO MAKE ALL FINAL CONNECTIONS IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS.

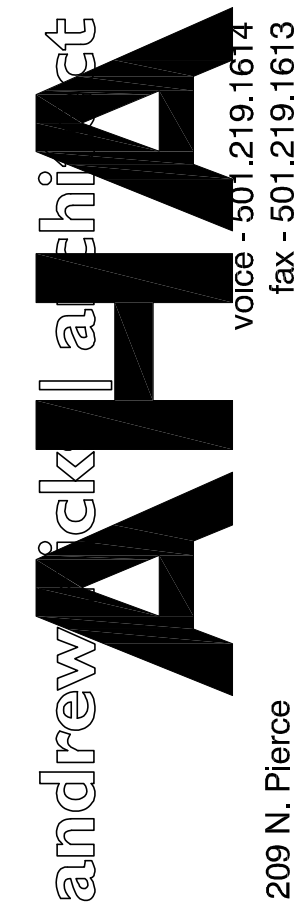


1 SANITARY WASTE AND VENT RISER DIAGRAM
SCALE: NONE



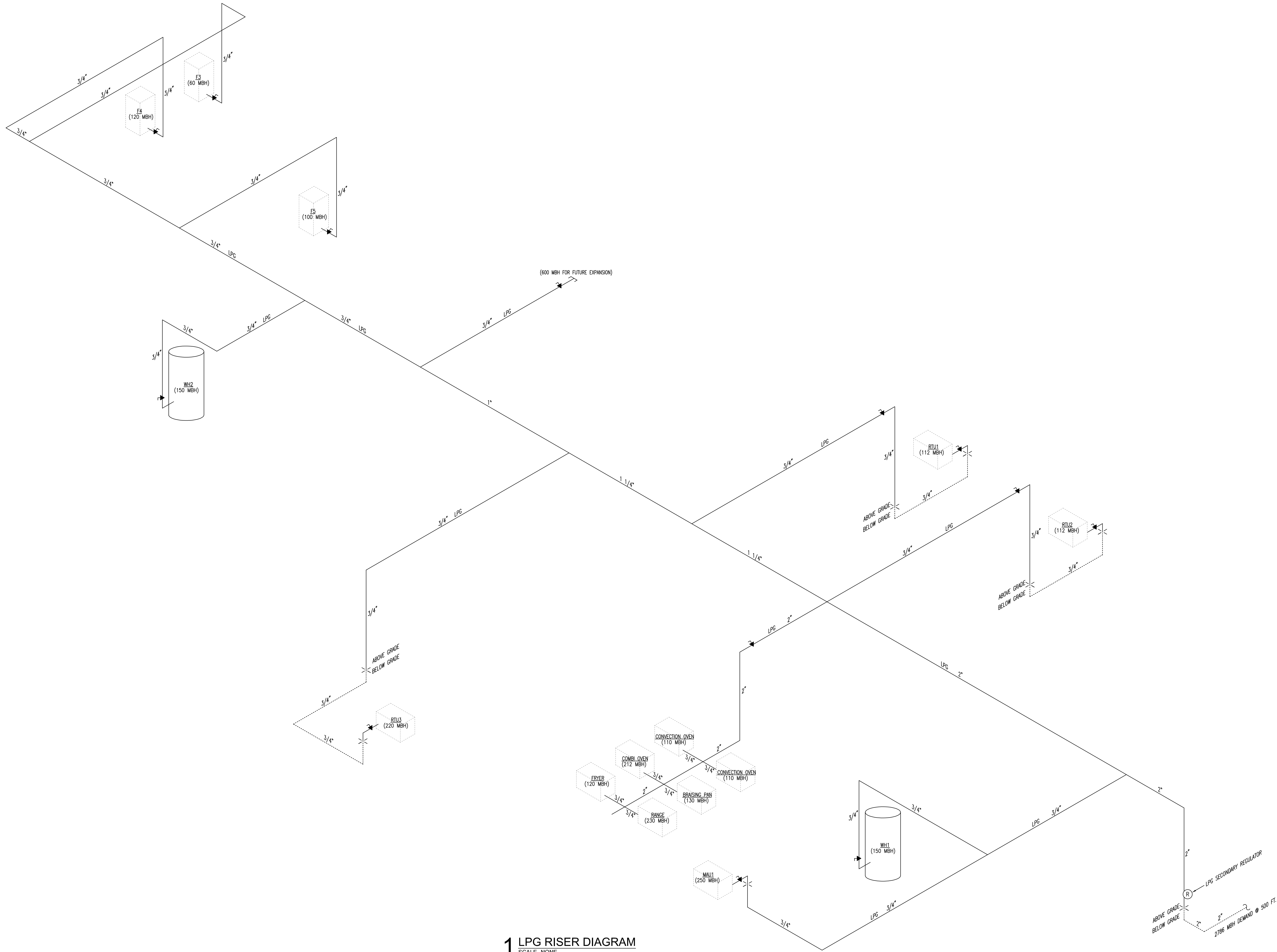
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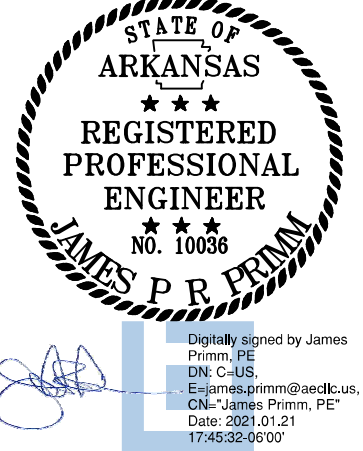
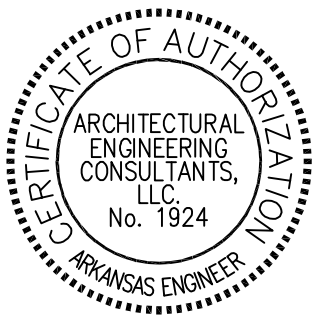


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PLUMBING RISERS



1 LPG RISER DIAGRAM
SCALE: NONE

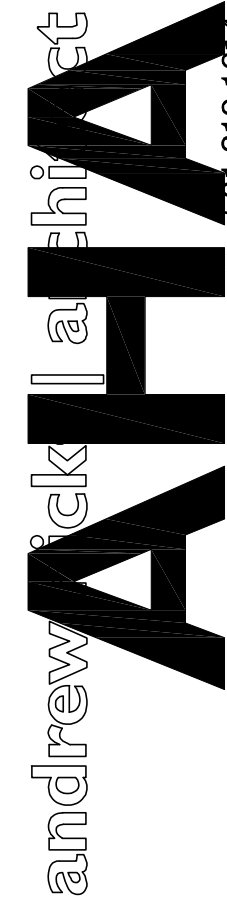


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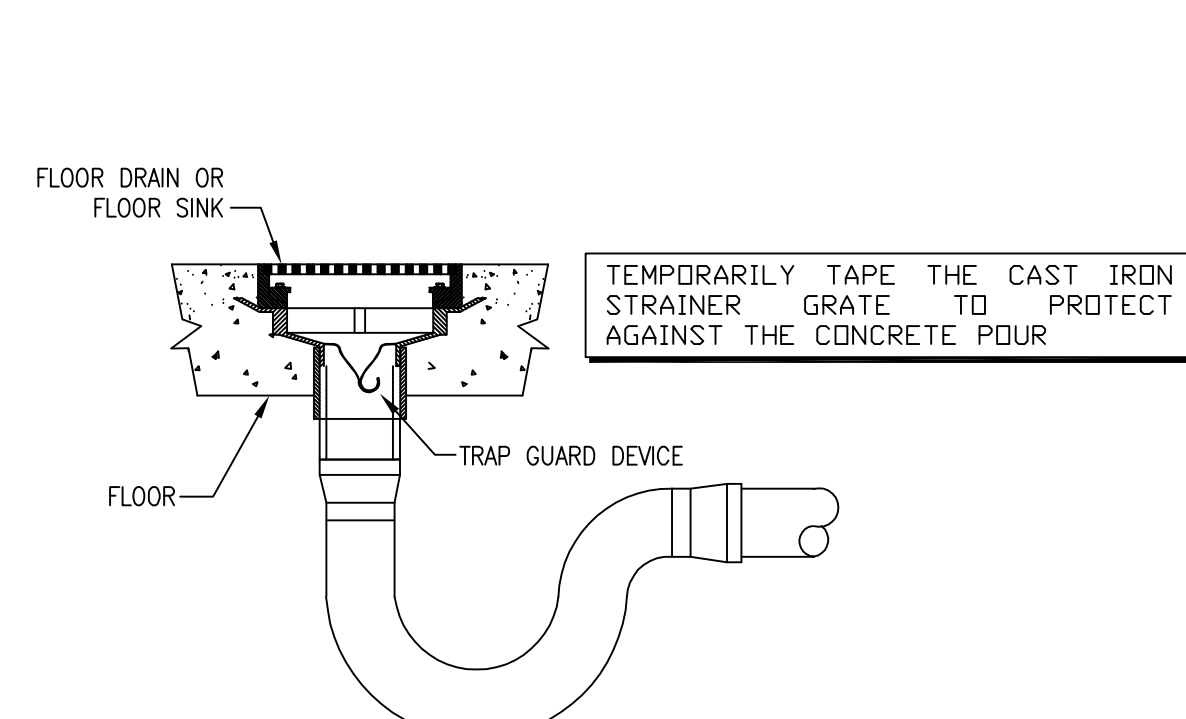
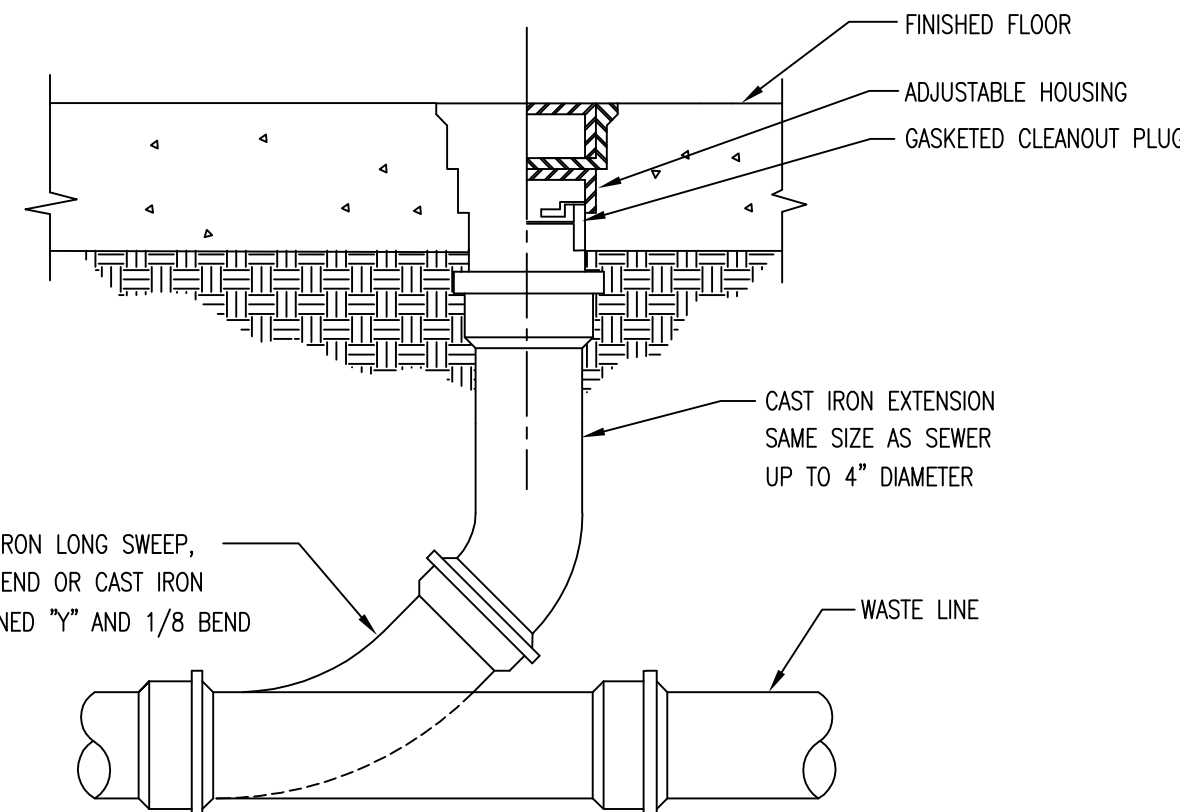
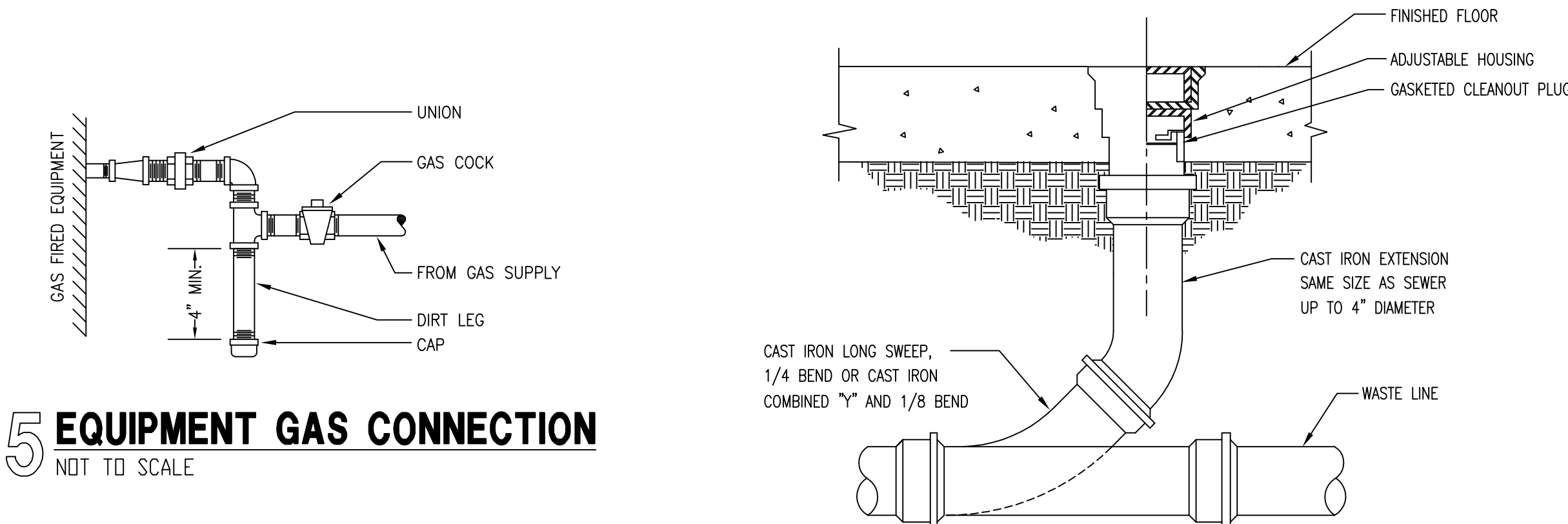
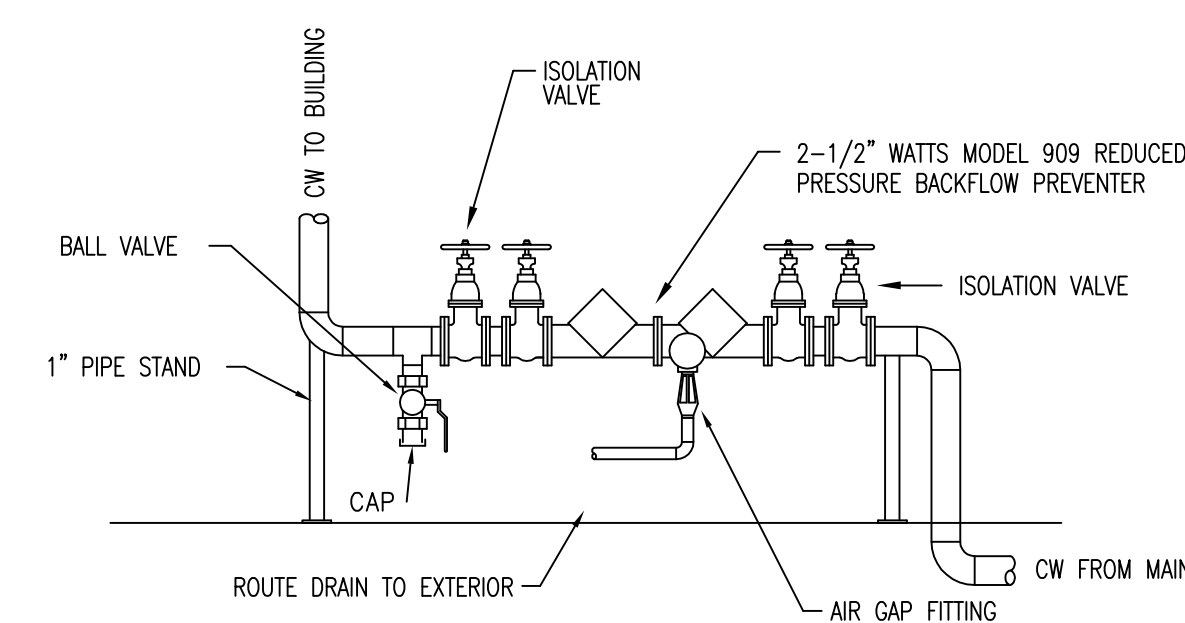
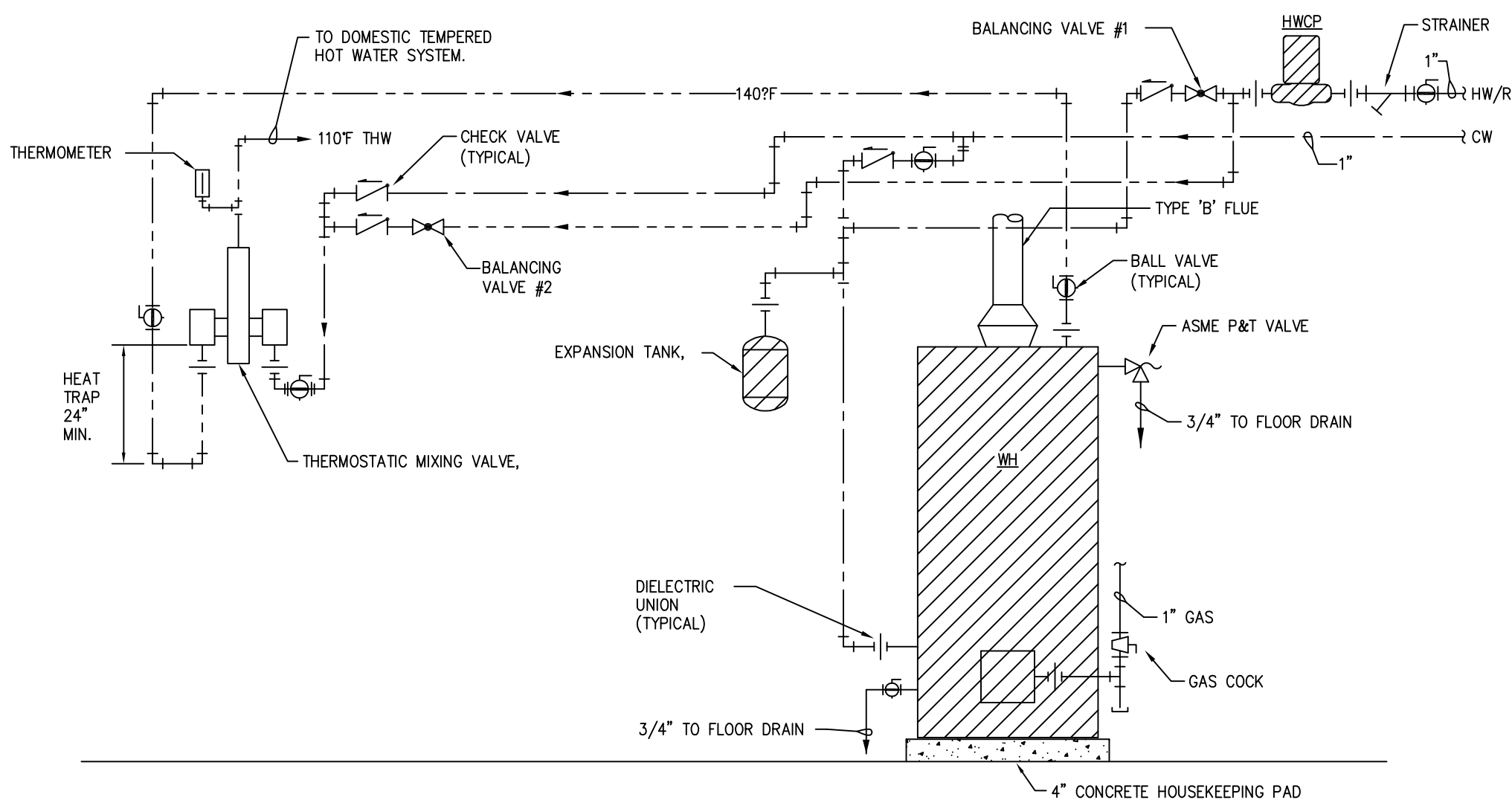
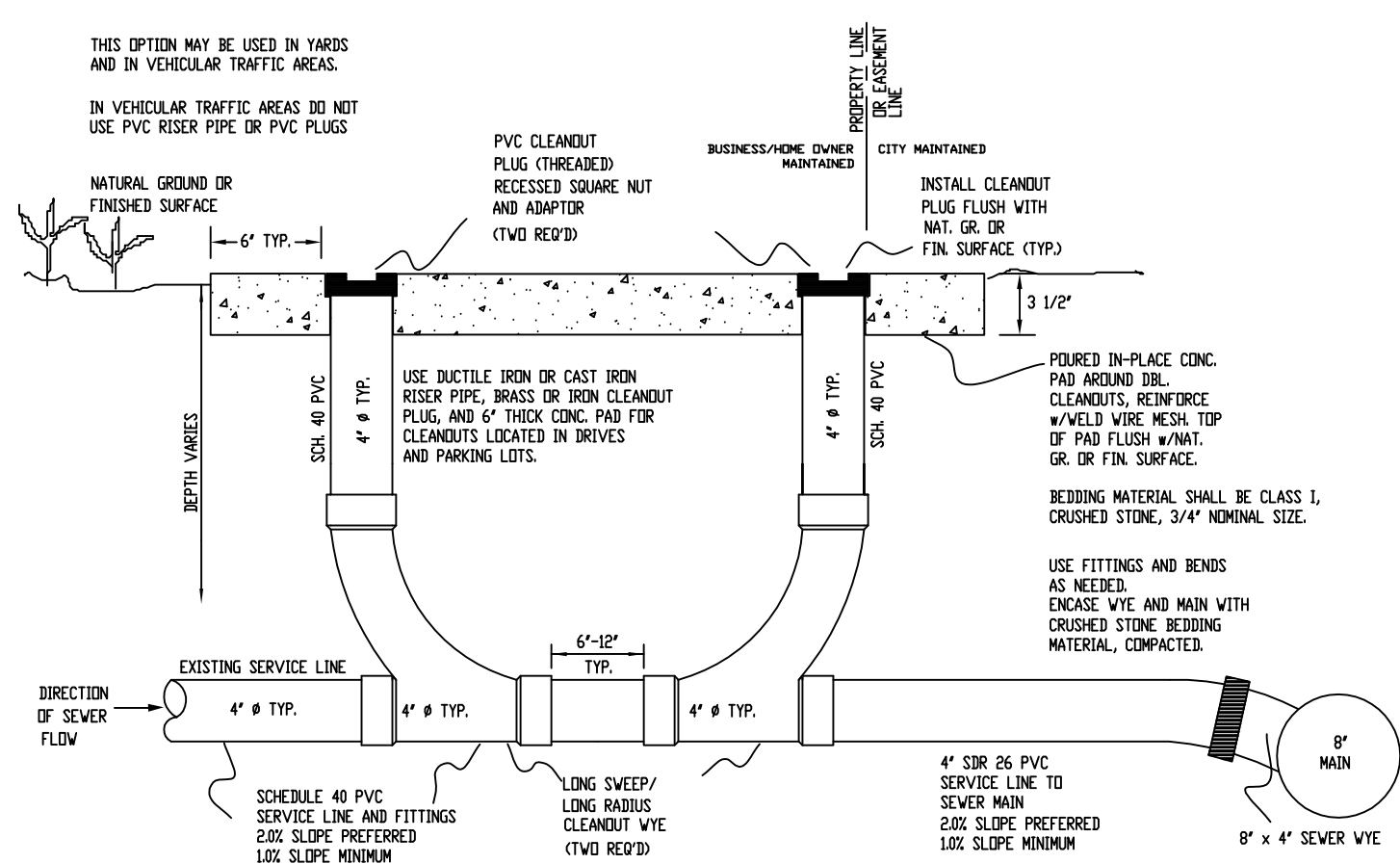
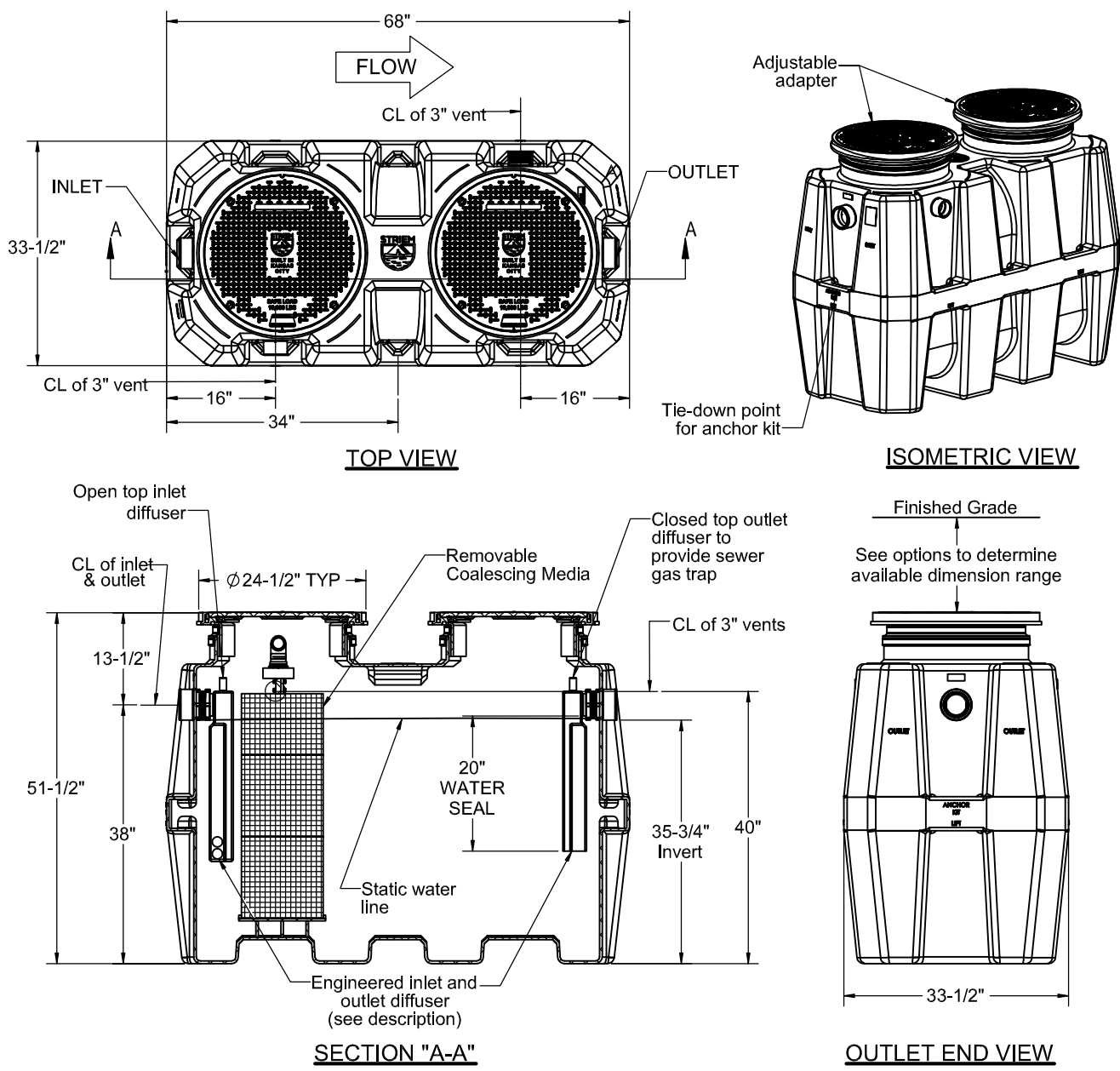
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PLUMBING RISERS



PLUMBING FIXTURES											
MARK	DESCRIPTION	MFR. & MDL.	ACCESSORIES	FAUCET & FITTINGS	STOPS	TRAP	WASTE ROUGH-IN	VENT ROUGH-IN	WATER ROUGH-IN		REMARKS
									HOT	COLD	
WC1	WATER CLOSET, FLOOR MOUNT, VITREOUS CHINA, FLUSH VALVE	AMERICAN STANDARD "MADERA" 3451.001	CHURCH #950N5SC, ELONGATED OPEN FRONT SEAT, BOLT CAPS	SLOAN ROYAL 111-1.28 FLUSH VALVE	INTEGRAL	INTEGRAL	4"	2"	--	1"	
WC2	WATER CLOSET, A.D.A., FLOOR MOUNT, VITREOUS CHINA, FLUSH VALVE	AMERICAN STANDARD "MADERA" 3043.001	CHURCH #950N5SC, ELONGATED OPEN FRONT SEAT, BOLT CAPS	SLOAN ROYAL 111-1.28 FLUSH VALVE	INTEGRAL	INTEGRAL	4"	2"	--	1"	INSTALL TO A.D.A. HEIGHT.
UR1	URINAL, WALL HUNG, VITREOUS CHINA, WHITE COLOR	AMERICAN STANDARD "LYNBROOK" 6601.012	WADE #400-AM11 CARRIER	SLOAN ROYAL 186-1.0 FLUSH VALVE	INTEGRAL	INTEGRAL	2"	2"	--	3/4"	
UR2	URINAL, A.D.A., WALL HUNG, VITREOUS CHINA, WHITE COLOR	AMERICAN STANDARD "LYNBROOK" 6601.012	WADE #400-AM11 CARRIER	SLOAN ROYAL 186-1.0 FLUSH VALVE	INTEGRAL	INTEGRAL	2"	2"	--	3/4"	INSTALL TO A.D.A. HEIGHT.
L1	LAVATORY, WALL MOUNT, WHITE VITREOUS CHINA, A.D.A.	AMERICAN STANDARD "LUCERNE" 0355.012	FLAT GRID STRAINER, WATTS THERMOSTATIC MIXING VALVE	DELTA 501LF-HGMHDF (0.5 GPM)	McGUIRE #872	McGUIRE #8872	2"	2"	1/2"	1/2"	PROVIDE WALL CARRIER. MOUNT TO A.D.A. REQUIREMENTS, MAX. RIM HEIGHT 34" A.F.F. SHIELD DRAIN AND SUPPLY PIPING WITH TRUBRO LAV GUARD OR EQUAL IN EXPOSED LOCATIONS.
L2	LAVATORY, OVAL, COUNTER MOUNT, WHITE VITREOUS CHINA, A.D.A.	AMERICAN STANDARD "AQUALYN" 0476.028	FLAT GRID STRAINER, WATTS THERMOSTATIC MIXING VALVE	DELTA 501LF-HGMHDF (0.5 GPM)	McGUIRE #872	McGUIRE #8872	2"	2"	1/2"	1/2"	MOUNT TO A.D.A. REQUIREMENTS IN ARCHITECTURAL COUNTERTOP. SHIELD DRAIN AND SUPPLY PIPING WITH TRUBRO LAV GUARD OR EQUAL IN EXPOSED LOCATIONS.
JS	JANITOR'S SINK 24" x 24" x 12"	STERN-WILLIAMS SBC1500	STAINLESS STEEL CAP, CAST BRASS DRAIN BODY, STAINLESS STEEL STRAINER, AND LINT BASKET, STAINLESS STEEL SPLASH PANELS, PAT. 10" FLEX HOSE, HOSE HOOKS, AND MOP HANGER W/ 3 RUBER GRIPS.	N/A	N/A	N/A	3"	2"	3/4"	3/4"	
HWS	HAND WASH SINK	JUST MANUFACTURING MODEL #A-544-912	20 GAUGE TYPE 304 STAINLESS STEEL, CENTER OUTLET, W/ CHROME P-TRAP	JUST MANUFACTURING JS-45-TGA GOOSENECK FAUCET WITH AERATOR	McGUIRE #177 STOPS	McGUIRE #8904	2"	2"	1/2"	1/2"	
EW	ELECTRIC WATER COOLER DUAL LEVEL, ALL STAINLESS STEEL FINISH, WITH ELECTRONIC BOTTLE FILLER	OASIS #PC8BFSL	PROVIDE DUAL LEVEL WALL CARRIER	N/A	McGUIRE #872	McGUIRE #8872	1 1/4"	2"	N/A	1/2"	INSTALL ELECTRIC WATER COOLER WITH UP OF UPPER BOWL AT 37" A.F.F. TO MEET A.D.A.
WB	WASHER BOX	GUY GRAY FB-200	PROVIDE W/ TWO 1/2" HOSE BIBB, 2" TRAP, AND DRAIN WITH EXTENDED TAILPIECE.	N/A	N/A	2" TRAP	3"	2"	3/4"	3/4"	CONTRACTOR TO MAKE ALL CONNECTIONS. APPLANCE BY OTHERS.
GI	100 GPM GREASE INTERCEPTOR WITH 128 GAL SOLID CAPACITY / 510 GAL LIQUID CAPACITY.	SCHER GB-500	N/A	N/A	N/A	N/A	4"	2"	N/A	N/A	DETERMINE FINAL INLET ELEVATION BASED ON PLUMBING SYSTEM LAYOUT. INSTALL TRAFFIC GRADE MANHOLE LIDS SLIGHTLY ABOVE PAVEMENT / GRADE TO MINIMIZE RAINWATER ENTRY. PROVIDE WATERTIGHT GASKETS.
SI	SOLIDS INTERCEPTOR, BELOW SLAB	ZURN Z1181-R FOR BELOW SLAB INSTALLATION.	N/A	N/A	N/A	N/A	2"	2"	N/A	N/A	
HB1	HOSE BIBB HOT AND COLD	WOODFORD #B74 WITH FLUSH MOUNT CHROME PLATED BRASS BOX AND KEY OPERATOR.	N/A	N/A	N/A	N/A	4"	2"	3/4"	3/4"	
HB2	FREEZELESS WALL HYDRANT	WOODFORD #65	INTEGRAL BACKFLOW PREVENTER, ALL BRONZE INTERNALS, STAINLESS STEEL FACE, AND OPERATING KEY	N/A	N/A	N/A	4"	2"	N/A	3/4"	
HB3	FREEZELESS EXTERIOR HOSE BIBB HOT / COLD IN BOX.	WOODFORD #HC867	N/A	N/A	N/A	N/A	4"	2"	3/4"	3/4"	
FD	CAST IRON DRAIN BODY, 5" DIAMETER NICKEL BRONZE STRAINER W/ SECURED SQUARE HOLE GRATE.	WADE #1100STD-5	PROSET TRAP GUARD AND DEEP SEAL TRAP	N/A	N/A	C.I./PVC	AS SHOWN	AS SHOWN	N/A	N/A	INSTALL DRAIN SO THAT TOP OF RM IS FLUSH WITH FLOOR
FS	CAST IRON FLOOR SINK, 12x12x8.5 3/4 GRATE	WADE #9044-1-16	3/4 GRATE, PROSET TRAP GUARD	N/A	N/A	C.I./PVC	AS SHOWN	AS SHOWN	N/A	N/A	INSTALL DRAIN SO THAT TOP OF RM IS FLUSH WITH FLOOR
CB1	STAINLESS STEEL 24"x24" TROUGH	REGENCY 600FT2424SS	PROSET TRAP GUARD AND DEEP SEAL TRAP	N/A	N/A	C.I./PVC	AS SHOWN	AS SHOWN	N/A	N/A	INSTALL SO THAT TOP OF GRATE IS FLUSH WITH FLOOR
CB2	FLOOR DRAIN W/ FIXED TOP AND CAN WASH FEATURE, PERFORATED SS SEDIMENT BUCKET AND HEAVY DUTY REINFORCED GRATE AND VANDAL PROOF.	WADE 19700SS	PROSET TRAP GUARD AND DEEP SEAL TRAP	N/A	N/A	C.I./PVC	AS SHOWN	AS SHOWN	N/A	N/A	INSTALL SO THAT TOP OF GRATE IS FLUSH WITH FLOOR
WH1, WH2	GAS WATER HEATER (PROPANE), 80 GALLON	RHEEM SPIDERFIRE CHEBOS-150(A), 80 GALLON, PROPANE 150 MBH, 190 GPH RECOVERY AT 90 DEG. RISE	PROVIDE AUXILIARY PAN AND EQUIPMENT PAD, MANUFACTURER'S INTAKE AND COMBUSTION AIR VENT PIPING CONCENTRIC KIT, AND THERMOMETER W/ BRASS THERMOMETER WELL	PROVIDE AMTROL ST-5 EXPANSION TANK.	N/A	N/A	N/A	N/A	2"	2"	EXTEND T&P TO FLOOR DRAIN AS SHOWN. VENT ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
RPZ1, RPZ2	LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTERS (STACKED)	TWO (2) WATTS MODEL LF919 (ONE 1" AND ONE 2")	PROVIDE INLET STRAINER, ISOLATION BALL VALVES, AND 4 TEST PORTS.	N/A	N/A	N/A	N/A	N/A	N/A	AS SHOWN	MOUNT IN DOMESTIC WATER SERVICE LINE, MINIMUM 18" AFF. ROUTE FULL SIZE DISCHARGE THRU AIR GAP FITTING TO EXTERIOR.
HWC1	CIRCULATING PUMP, STAINLESS STEEL VOLUTE, 120V, 1/8 HP, 3/4" FLANGED CONNECTIONS. 3 GPM AT 17 FEET HEAD.	TACO MODEL 0014-SF1	PROVIDE ISOLATION VALVES, PLUG SET, TIMER, AND AQUASTAT PACKAGE.	N/A	N/A	N/A	N/A	N/A	N/A	AS SHOWN	INSTALL VERTICALLY IN PIPING RISER.
HWC2	CIRCULATING PUMP, STAINLESS STEEL VOLUTE, 120V, 1/25 HP, 3/4" FLANGED CONNECTIONS. 2 GPM AT 10 FEET HEAD.	TACO MODEL 007-SF5	PROVIDE ISOLATION VALVES, PLUG SET, TIMER, AND AQUASTAT PACKAGE.	N/A	N/A	N/A	N/A	N/A	N/A	AS SHOWN	INSTALL VERTICALLY IN PIPING RISER.
HWC3	CIRCULATING PUMP, STAINLESS STEEL VOLUTE, 120V, 1/8 HP, 1" FLANGED CONNECTIONS. 9 GPM AT 17 FEET HEAD.	TACO MODEL 009-SF5-IFC	PROVIDE ISOLATION VALVES, PLUG SET, TIMER, AND AQUASTAT PACKAGE.	N/A	N/A	N/A	N/A	N/A	N/A	AS SHOWN	INSTALL VERTICALLY IN PIPING RISER.
WV1	LEAD FREE THERMOSTATIC WATER MIXING VALVE, 28 GPM FLOW AT 10 PSI PRESSURE DROP.	LEONARD MODEL TM-820-LF	SOLID BI-METAL THERMOSTAT, COLOR-CODED DIALS, LOCKING TEMPERATURE REGULATOR HANDLES, ADJUSTABLE LIMIT STOPS, INTEGRAL HOT AND COLD SUPPLY CHECKSTOPS, OUTLET BALL VALVE SHUTOFFS, COLOR-CODED DIAL THERMOMETER, INLET PIPING MANIFOLD, ROUGH BRONZE FINISH, ASSE 1017 LISTED.	N/A	N/A	N/A	N/A	N/A	AS SHOWN	AS SHOWN	FACTORY PRE-ASSEMBLED AND TESTED. SET TO 120°F DISCHARGE.
S1	DOUBLE COMPARTMENT SINK, ADA	ELKAY LRAD-3321 - OVERALL 33"L x 21 1/4"W (13 1/2" x 16" x 4" BOWLS)	18 GAUGE STAINLESS STEEL, CENTER OUTLET, W/ CHROME P-TRAP, WATTS THERMOSTATIC MIXING VALVE	DELTA 100LF-HDF SINGLE LEVER FAUCET WITH 8" SWING SPOUT.	McGUIRE #177 STOPS	McGUIRE #8904	2"	2"	1/2"	1/2"	MOUNT TO A.D.A. REQUIREMENTS IN ARCHITECTURAL COUNTERTOP. SHIELD DRAIN AND SUPPLY PIPING WITH TRUBRO LAV GUARD OR EQUAL IN EXPOSED LOCATIONS. PROVIDE GARBAGE DISPOSAL SYSTEM, 3/4 HP WITH STAINLESS STEEL ELEMENTS. PROVIDE WITH REMOVABLE STRAINER BASKET.
S2	DOUBLE COMPARTMENT SINK	ELKAY LR-3321 - OVERALL 33"L x 21 1/4"W (16" x 16" x 7 7/8" BOWLS) DOUBLE COMPARTMENT SINK	18 GAUGE STAINLESS STEEL, CENTER OUTLET, W/ CHROME P-TRAP, WATTS THERMOSTATIC MIXING VALVE	DELTA 100LF-HDF SINGLE LEVER FAUCET WITH 8" SWING SPOUT.	McGUIRE #177 STOPS	McGUIRE #8904	2"	2"	1/2"	1/2"	MOUNT IN ARCHITECTURAL COUNTERTOP. PROVIDE WITH REMOVABLE STRAINER BASKET.

CAFETERIA AND OFFICE ADDITION

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FOR HILLCREST SCHOOL DISTRICT.

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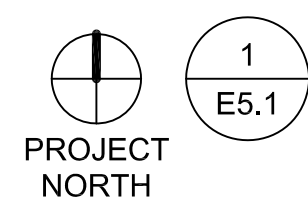
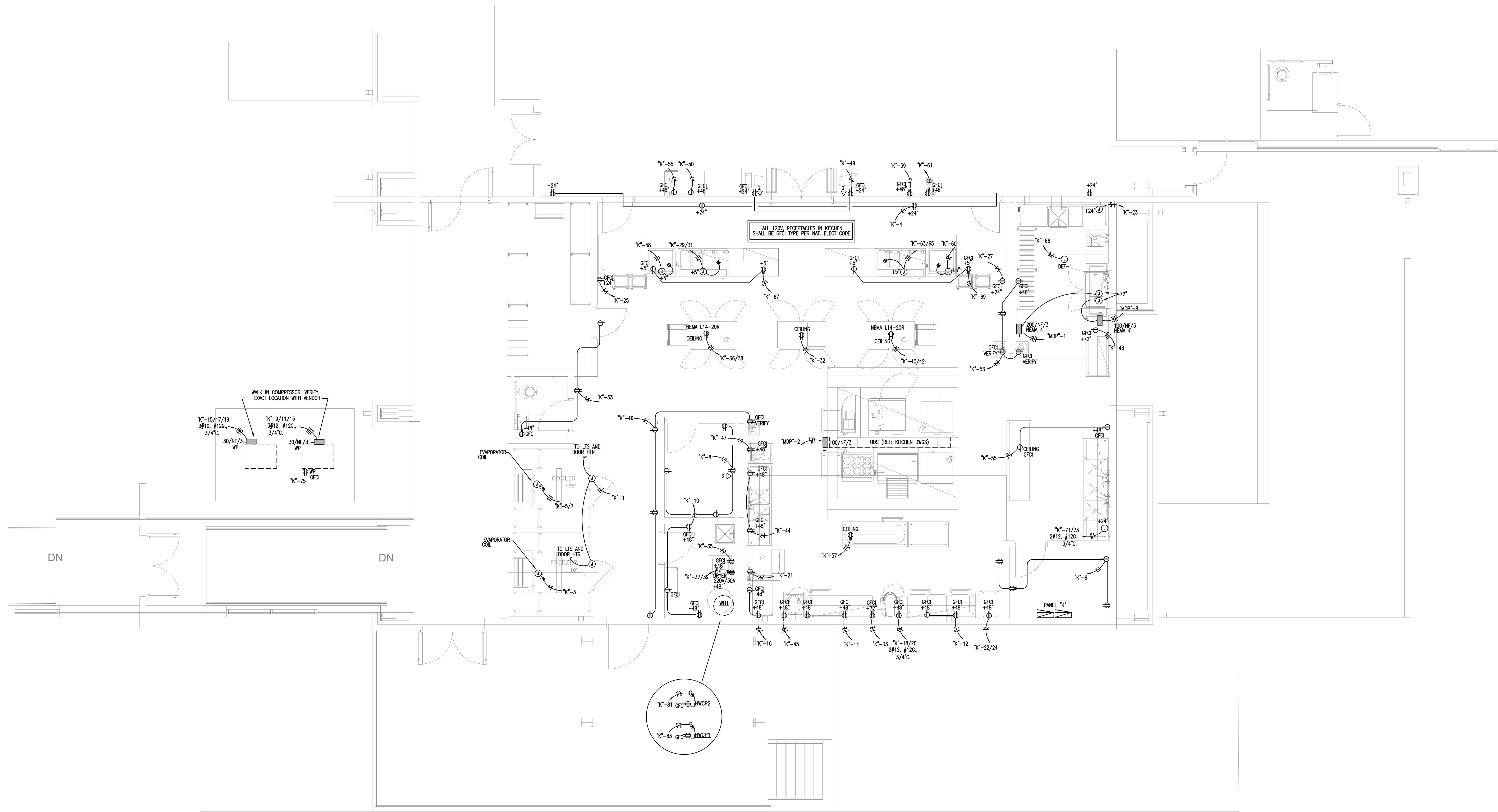
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NO.	
NO.	

PLUMBING SCHEDULE AND DETAILS

P601



ENLARGED KITCHEN PLAN - POWER

SCALE: 1/4" = 1'-0"



ENGINEER OF RECORD
STANLEY R. CURTIS

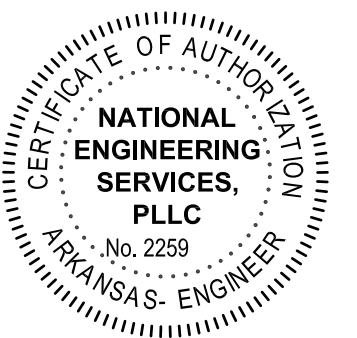
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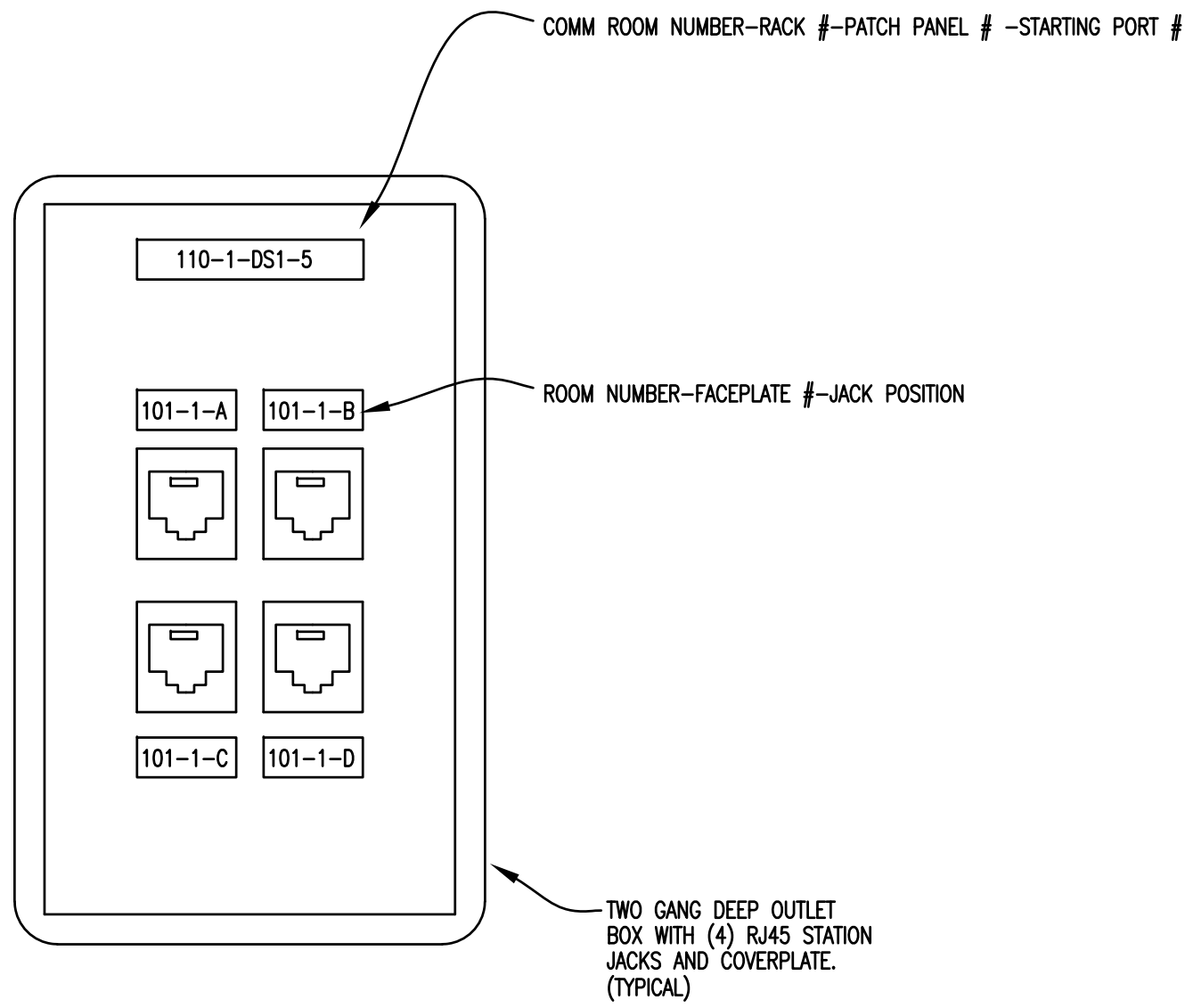


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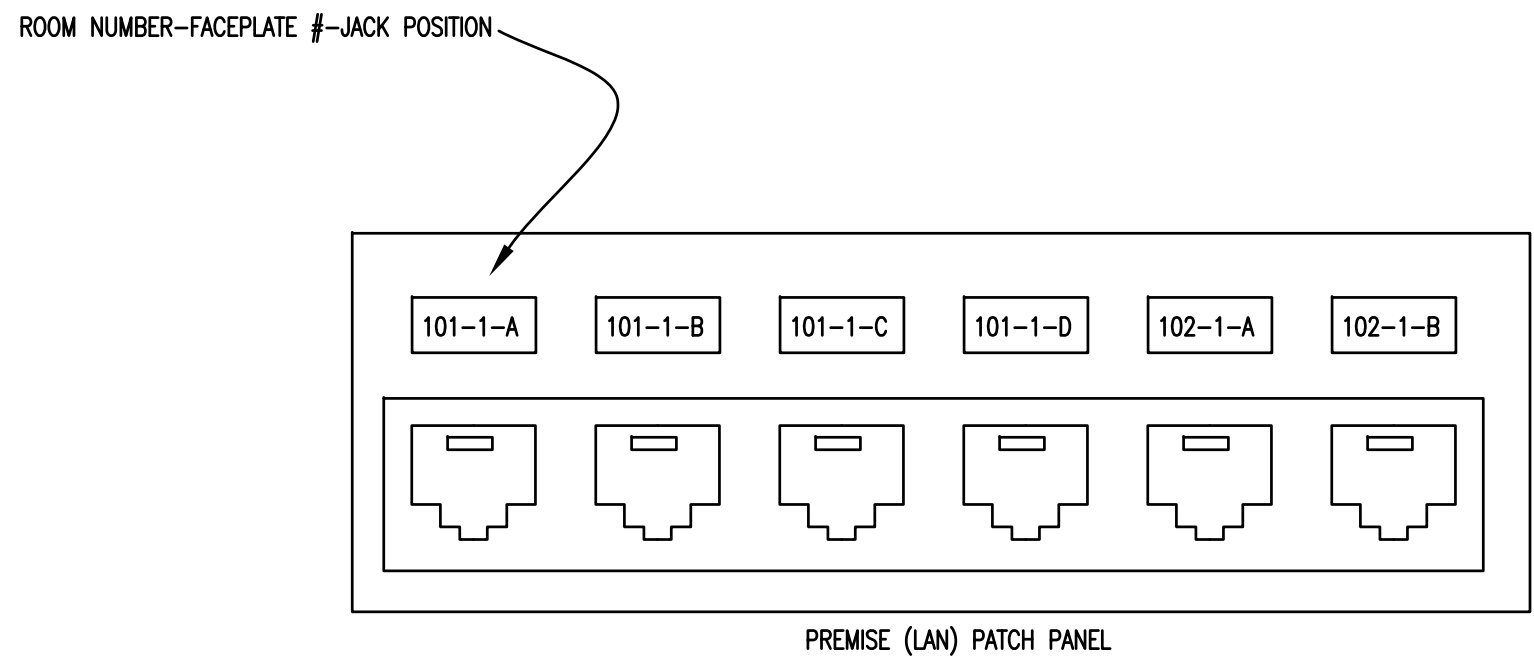
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ENLARGED KITCHEN PLAN - POWER

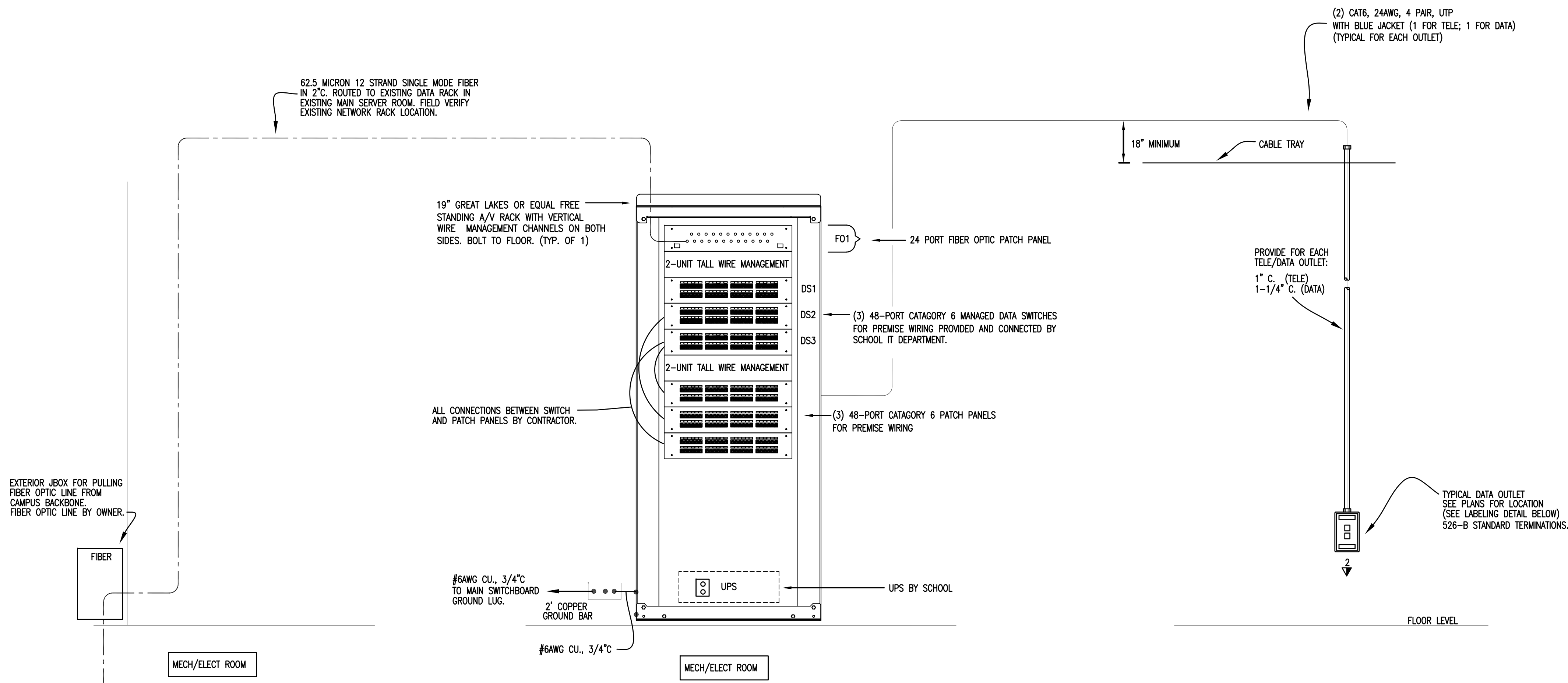
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2 STATION JACK AND OUTLET BOX LABELING
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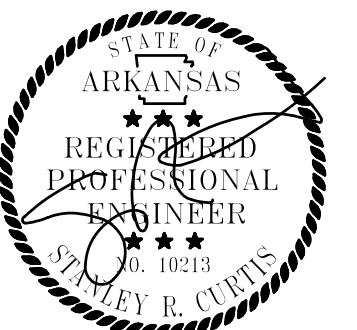


3 PATCH PANEL LABELING
N.T.S.



1 COMMUNICATIONS RISER DIAGRAM
N.T.S.

- NOTE:
1. PROVIDE ALL EQUIPMENT RACKS, TERMINATION PATCH PANELS, STATION JACKS, GROUNDING, INTERIOR CABLES, OUTLET BOXES, POWER SUPPLIES, CONDUIT AND OTHER SUCH MATERIAL AND EQUIPMENT AS REQUIRED FOR A COMPLETE VOIP/LAN SYSTEM. USER SHALL PROVIDE FIBER OPTIC WIRING AND DATA SWITCHES.
 2. EXISTING COMMUNICATIONS FIBER OPTIC LINE TO BE EXTENDED TO DATA RACK BY SCHOOL DISTRICT. TERMINATIONS TO FIBER SHELF BY SCHOOL.
 3. SEE LABELING REQUIREMENTS AT STATION JACKS, OUTLET BOXES AND PATCH PANELS BELOW.
 4. ALL CABLING, TERMINATIONS, TESTING AND LABELING BETWEEN DEVICE AND DATA SWITCH ARE THE RESPONSIBILITY OF THE BIDDING CONTRACTOR. PROVIDE COMPLETE.



ENGINEER OF RECORD
STANLEY R. CURTIS

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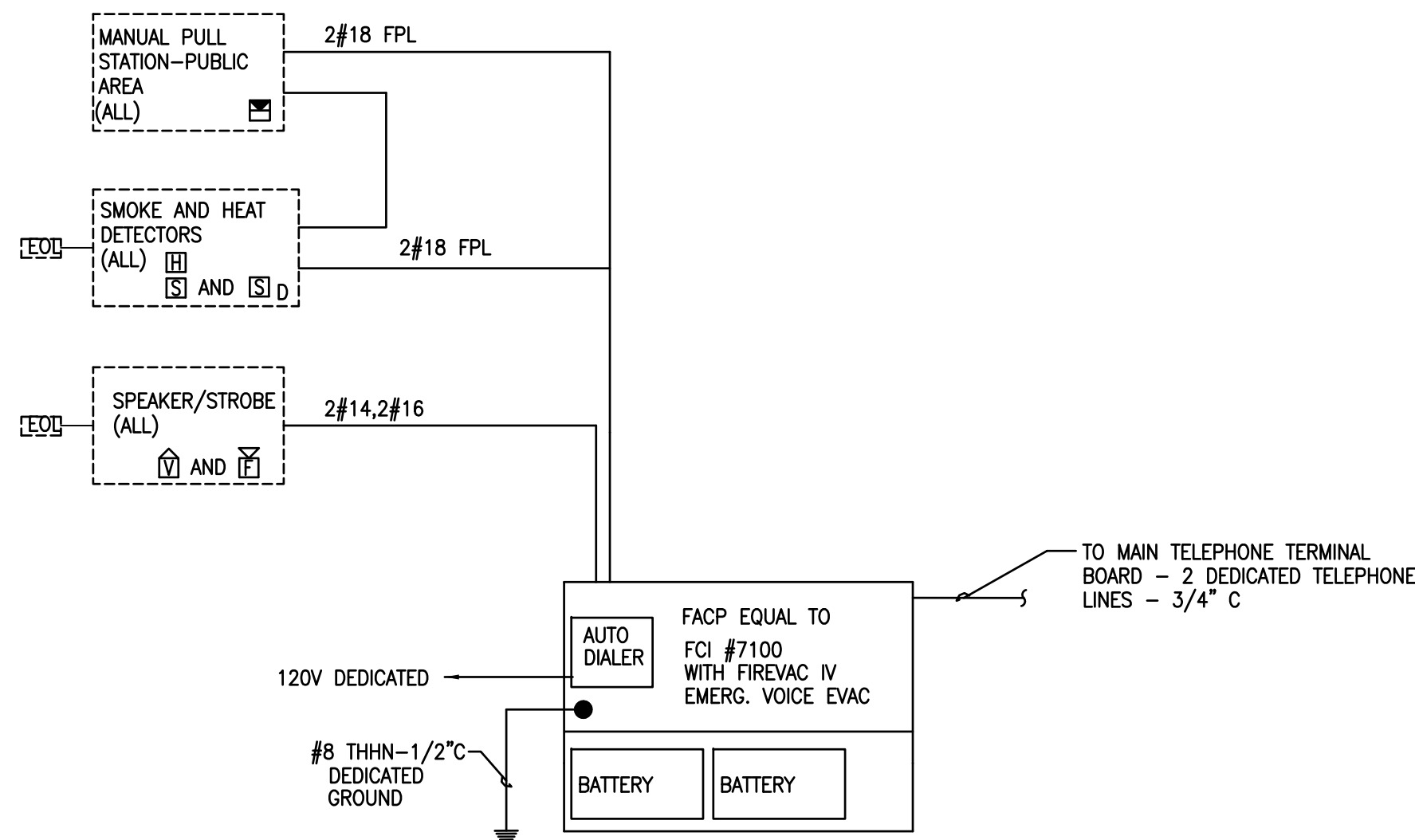
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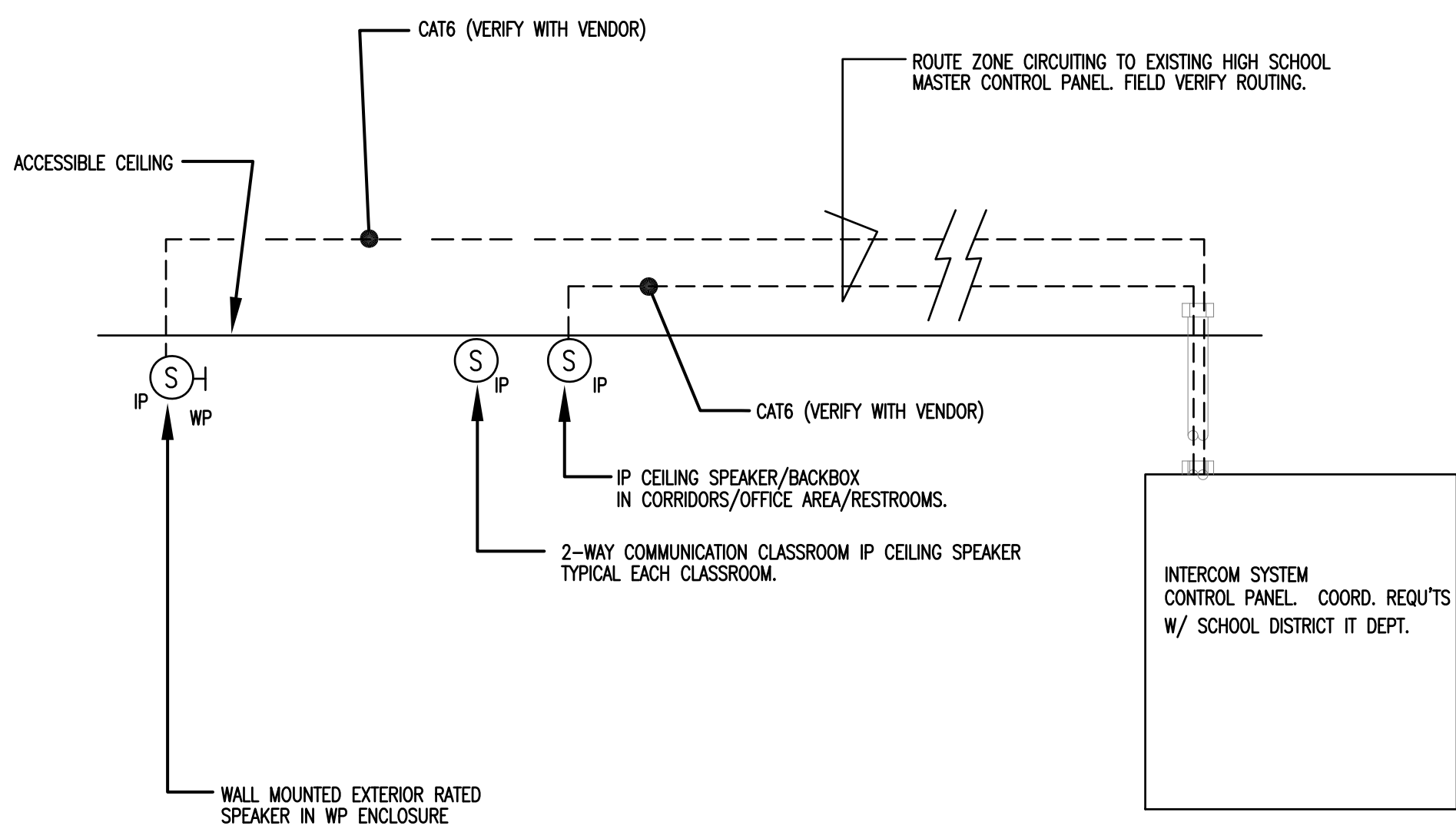
ELECTRICAL DETAILS



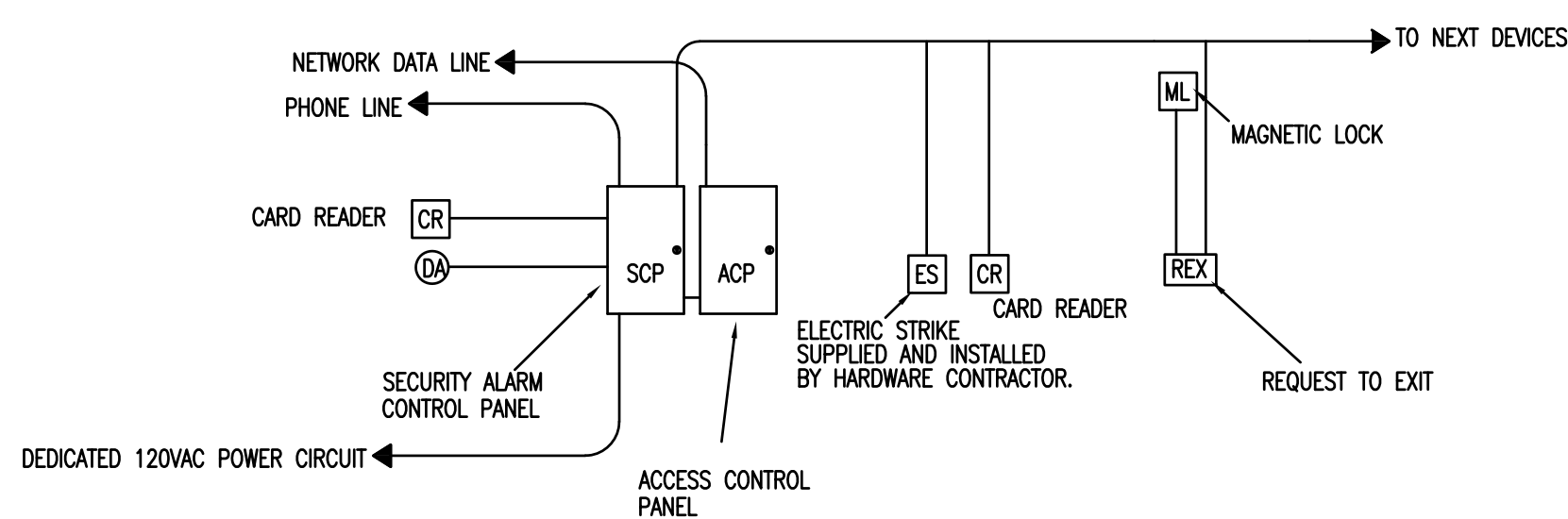
NOTES:

- FPL MEANS FIRE PROTECTION POWER LIMITED
- CL-2 MEANS LOW VOLTAGE WIRING LESS THAN 50 VOLTS
- (EACH) MEANS EACH DEVICE IN THE SYSTEM
- (ALL) MEANS ALL DEVICES IN THE SYSTEM POWER LIMITED.

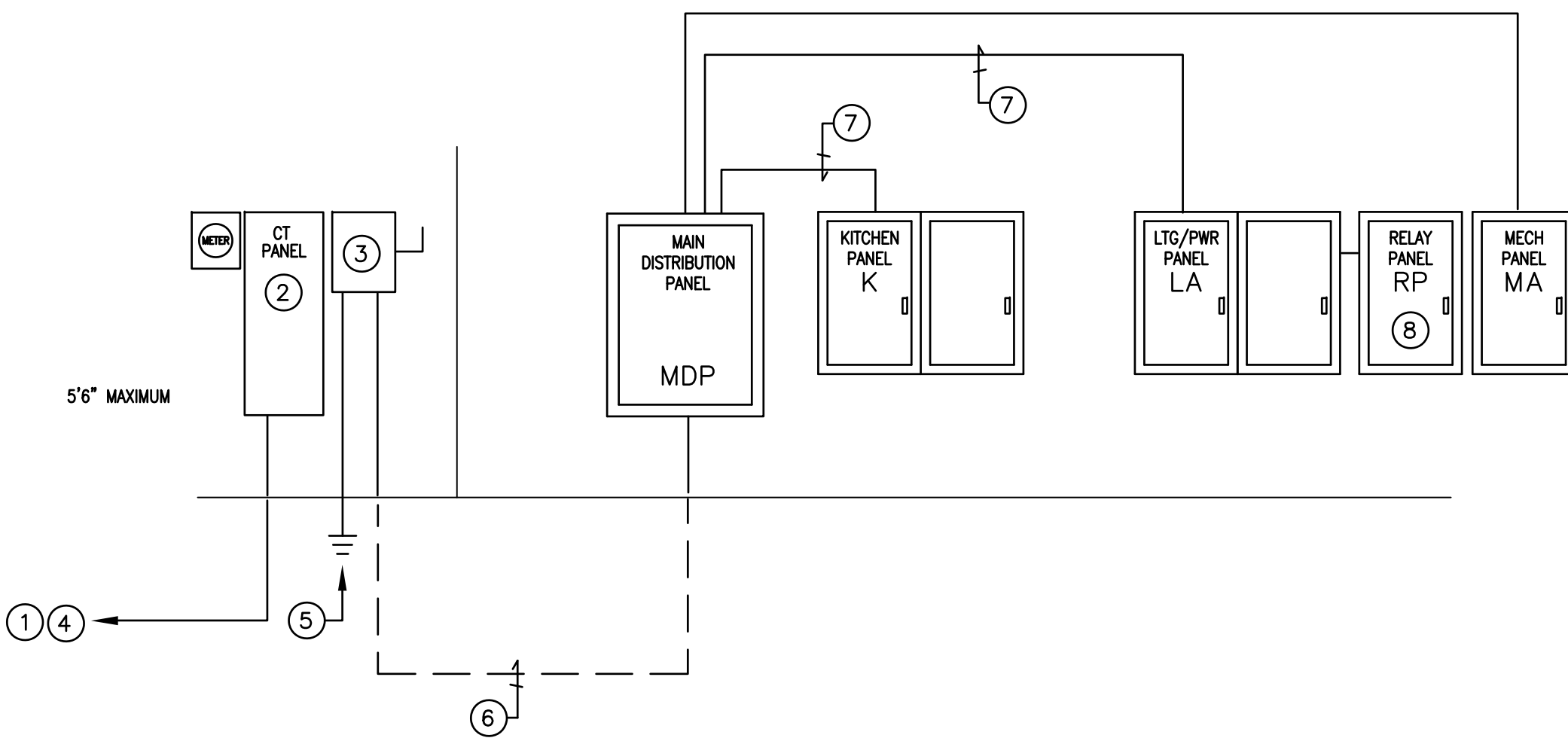
1 FIRE RISER DIAGRAM
NOT TO SCALE



2 INTERCOM/BELL SYSTEM RISER
NOT TO SCALE

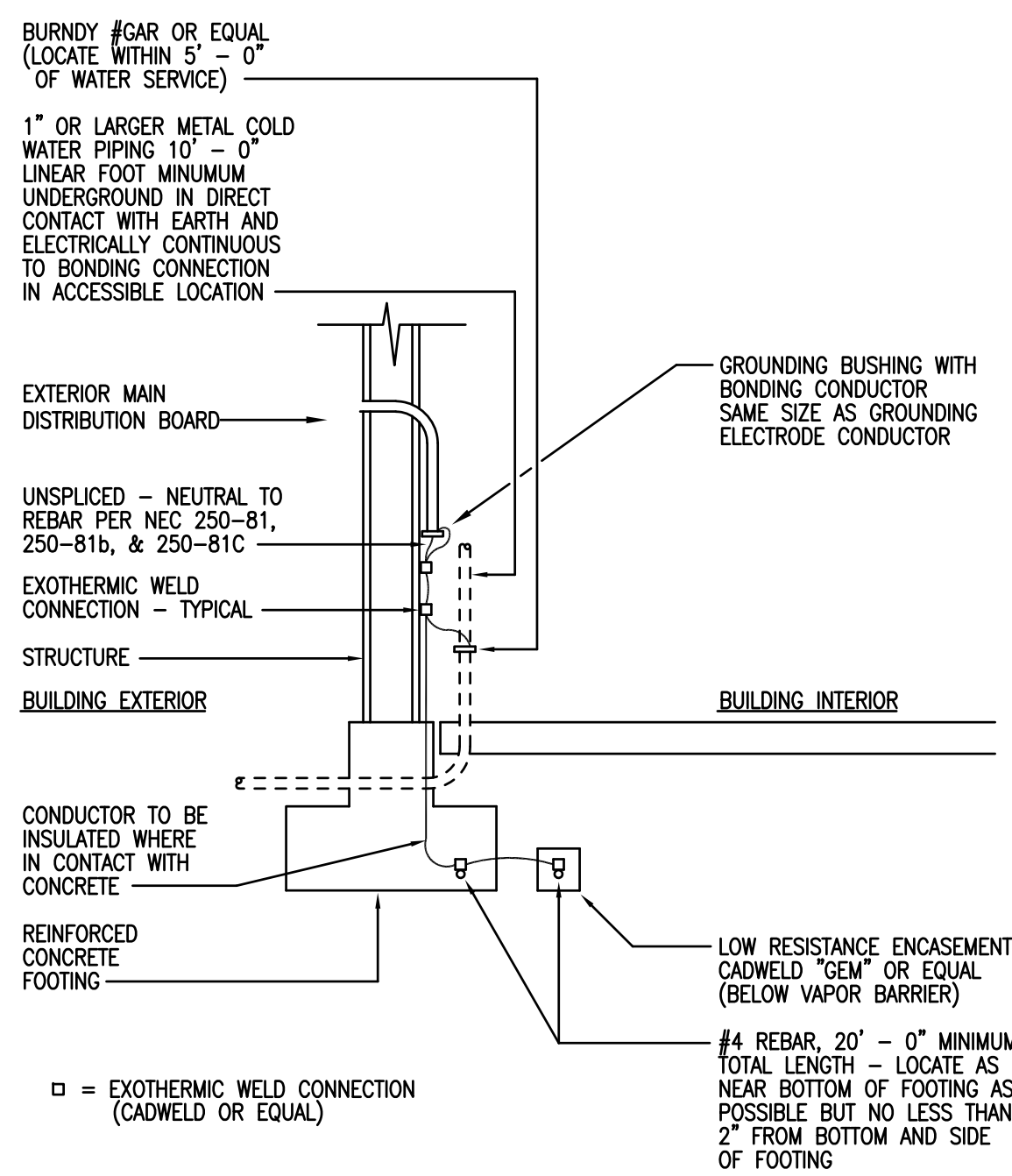


3 SECURITY/ACCESS CONTROL RISER DIAGRAM
NOT TO SCALE



- TO PAD MOUNTED UTILITY TRANSFORMER. COORDINATE WITH SERVICE PROVIDER. ADDITIONAL SECONDARY ENCLOSURE MAY BE REQUIRED AT THE TRANSFORMER.
- CT'S AND CABINET PER UTILITY STANDARDS. COORDINATE WITH PROVIDER.
- 1200A, 208V, 3 PHASE SERVICE ENTRANCE RATED, LOCKABLE, WEATHERPROOF, FUSED DISCONNECT SWITCH FUSED AT 1200A.
- 3 SETS: (4) #600 KCMIL, 1#4/0G IN 4" CONDUIT. TRENCH PER UTILITY STANDARDS.
- #4/0 SERVICE ENTRANCE GROUND - REFER TO SERVICE ENTRANCE GROUNDING DETAILS THIS SHEET.
- 4 SETS: (4) #600 KCMIL, 1#3/0G IN 4" CONDUIT
- SEE SCHEDULE FOR MDP THIS SHEET
- WATTSTOPPER #LMCP8 RELAY PANEL FOR CONTROL OF EXTERIOR LIGHTING. SEE VENDOR DRAWINGS FOR CONNECTION REQUIREMENTS.

1 ELECTRICAL RISER DIAGRAM
SCALE: NONE



3 SERVICE ENTRANCE GROUNDING DETAIL
SCALE: NONE

MAIN DISTRIBUTION PANEL "MDP"						
DESCRIPTION:						
1200 AMP BUS, 208Y/120V, 3-PHASE, 4-WIRE WITH SOLID NEUTRAL, EQUIPMENT GROUND BUS, 1200 AMP MAIN LUGS ONLY WITH INTEGRAL 360K TVSS MOUNTED IN NEMA 1 ENCLOSURE WITH A MINIMUM SHORT CIRCUIT RATING OF PANEL & BREAKERS OF 35,000 AMPS RMS SYMMETRICAL. SQUARE D QEDZ SERIES W/ POWER LOGIC METER.						
CIRC.	SERVES	POLE	FRAME	TRIP	WIRE & CONDUIT SIZES	
1	DISHWASHER AUX. HEATER	30	3	200A	110A	3#1, #6, 1-1/4"
2	UTILITY DISTRIBUTION UNIT	25	3	100A	100A	4#1, #6G, 1-1/2"
3	PANEL "K"	105	3	400	400A	2 SETS: 4#3/0, #3G, 2" (EA)
4	PANEL "LA"	40	3	200	225A	4#4/0, #4G, 2-1/2"
5	FUTURE PANEL "LB"	50	3	200	225A	-
6	PANEL "MA"	70	3	200	225A	4#4/0, #4G, 2-1/2"
7	FUTURE PANEL "MB"	65	3	200	225A	-
8	DISHWASHER	20	3	100	80A	3#4, #8, 1"
9	SPARE					
10	SPARE					
TOTAL CONNECTED LOAD (KVA)		410	plot			

** - COORDINATE WITH VENDOR WHICH CIRCUITS REQUIRE SHUNT TRIP CIRCUIT BREAKERS CONTROLLED BY ANSUL SYSTEM. PROVIDE COMPLETE.



CAFETERIA AND OFFICE ADDITION

Project Number: 1920-3809-002
FOR
HILLCREST SCHOOL DISTRICT-

LYNN SCHOOL CAMPUS, LYNN ARKANSAS

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ISSUE DATE: 12/27/2020

REVISIONS

NO.	DATE

ELECTRICAL RISER DIAGRAMS

"K" ** SECT 1 OF 2												SERVICE: 120/208 VOLTS 3 PHASE 4 WIRE 60 HZ		MAINS: 400A MLO		FEED FROM: MDP	
MOUNTED: SURFACE BRACED: 22 KVAIC														REMARKS: W/ SEPERATE GROUND BUS			
CKT#	SERVES	CONTROL FUNCTION (WHERE REQUIRED)	LOAD (VA)			CIRCUIT BRKR. TRIP/ POLES	LOAD (VA)			CONTROL FUNCTION (WHERE REQUIRED)	SERVES	CKT#					
			PH A	PH B	PH C		PH A	PH B	PH C								
1	WALK IN DOOR/LTS	---	1680			20/1	20/1	1200			KITCHEN LIGHTING	2					
3	COOLER EVAP	---		240		20/1	20/1		900	---	MISC. CONV. RECEPTACLES	4					
5	FREEZER EVAP	---			1080	20/2	20/1			900	MISC. CONV. RECEPTACLES	6					
7	2#12, #12G., 3/4"C	---	1080			20/1	20/1	900			MISC. CONV. RECEPTACLES	8					
9	COOLER COMPRESSOR	---		840		20/3	20/1		900	---	MISC. CONV. RECEPTACLES	10					
11	3#12, #12G., 3/4"C	---		840		20/1	20/1		900	900	MISC. CONV. RECEPTACLES	12					
13		---	840			20/1	20/1	900			MISC. CONV. RECEPTACLES	14					
15	FREEZER COMPRESSOR	---		1680		20/3	20/1		900	---	MISC. CONV. RECEPTACLES	16					
17	3#10, #12G., 3/4"C	---		1680		20/2	20/1		1200	---	MIXER	18					
19	---	---	1680			---	---	1200			2#12, #12G., 3/4"C	20					
21	ICE MAKER	---		1800		20/1	20/2		1920	---	PROOFER	22					
23	DISPOSAL	---			1320	20/1	20/1			1920	2#10, #12G., 3/4"C	24					
25	MILK COOLER	---	1000			20/1	20/1	1200		---	HOOD LIGHTS	26					
27	MILK COOLER	---		1000		20/1	20/1			---	SPARE	28					
29	HOT FOOD	---			2400	40/2	20/1			---	SPARE	30					
31	2#8, #10G., 3/4"C	---	2400			20/1	20/1	1000		---	REFRIGERATOR	32					
33	MICROWAVE	---		1900		20/1	20/2			---	SPARE	34					
35	WASHER	---			1200	20/1	20/2		1500	---	HEATED CABINET	36					
37	DRYER	---	2550			30/2	20/2			---	2#12, #12G., 3/4"C	38					
39	3#10, #12G., 3/4"C	---		2550		20/2	20/2		1500	---	HEATED CABINET	40					
41	SPARE	---				20/1	---		1500	---	2#12, #12G., 3/4"C	42					

"K" ** SECT 2 OF 2												SERVICE: 120/208 VOLTS 3 PHASE 4 WIRE 60 HZ				MAINS: 400A MLO		FEED FROM: SECT 1	
MOUNTED: SURFACE BRACED: 22 KAIC												REMARKS: W/ SEPERATE GROUND BUS							
CKT#	SERVES	CONTROL FUNCTION (WHERE REQUIRED)	LOAD (VA)			CIRCUIT BRKR. TRIP / POLES	LOAD (VA)			CONTROL FUNCTION (WHERE REQUIRED)	SERVES	CKT#							
			PH A	PH B	PH C		PH A	PH B	PH C										
43	FRYER/RANGE/BRASING PAN	-	1440			20/1	20/1	900			MISC. CONV RECEPTABLES	44							
45	MIXER	-		1000		20/1	20/1		900	-	MISC. CONV RECEPTABLES	46							
47	SLICER	-			1000	20/1	20/1			900	-	MISC. CONV RECEPTABLES	48						
49	CASHER	-	1200			20/1	20/1	900			MISC. CONV RECEPTABLES	50							
51	SPARE	-				20/1	20/1				SPARE	52							
53	HAND SINKS	-			1500	20/1	20/1				SPARE	54							
55	COFFEE	-	1920			20/1	20/1				SPARE	56							
57	REFRIGERATOR	-		1500		20/1	20/1		1440		HEATED MERCHANDISER	58							
59	JUICE	-			1200	20/1	20/1		1440		HEATED MERCHANDISER	60							
61	ICE MACHINE	-	1200			20/1	30/2	2000			HEATED MERCHANDISER	62							
63	HOT FOOD WELL	-		2400		40/2	20/1		2000		2#10, #12G, 3/4"C	64							
65	2#8, #12G, 3/4"C	-		2400		20/1	20/3			528	DEF-1	66							
67	JUICE	-	1200			20/1	20/3	732			KEF-1	68							
69	JUICE	-		1200		20/1	---		732		3#12, #12G, 3/4"C	70							
71	DISPOSAL	-			1200	20/2	---			732	---	72							
73	2#12, #12G, 3/4"C	-	1200			---	20/3	732			KEF-2	74							
75	EXTERIOR RECEPTABLES	-		900		20/1	---		732		3#12, #12G, 3/4"C	76							
77	FACP	-			400	20/1	---			732	---	78							
79	SPARE	-				20/1	30/3	1800			MUA-1	80							
81	HWCP-1	-		750		20/1	---			1800	---	82							
83	HWCP-2	-			750	20/1	---			1800	---	84							

** - COORDINATE WITH VENDOR WHICH CIRCUITS REQUIRE SHUNT TRIP CIRCUIT BREAKERS CONTROLLED BY ANSUL SYSTEM. PROVIDE COMPLETE.

"LA" SECT 1 OF 2												SERVICE: 120/208 VOLTS 3 PHASE 4 WIRE 60 HZ		MAINS: 225A MLO		FEED FROM: MDP	
MOUNTED: SURFACE BRACED: 22 KAIC												REMARKS: W/ SEPERATE GROUND BUS					
CKT#	SERVES	CONTROL FUNCTION (WHERE REQUIRED)	LOAD (VA)			CIRCUIT BRKR. TRIP/ POLES	LOAD (VA)			CONTROL FUNCTION (WHERE REQUIRED)	SERVES	CKT#					
			PH A	PH B	PH C		PH A	PH B	PH C								
1	CORRIDOR LIGHTING	-	1320			20/1	20/1	500			SCP	2					
3	OFFICE LIGHTING	-		1200		20/1	20/1	500			ICP	4					
5	OFFICE LIGHTING	-			1200	20/1	20/1		500		FA	6					
7	CAFETERIA LIGHTING	*	1200			20/1	20/1	500			ACP	8					
9	CAFETERIA LIGHTING	*		1200		20/1	20/1				SPARE	10					
11	EXIT/NIGHT LTG	-			400	20/1	20/1				SPARE	12					
13	EXTERIOR LTG	-				20/1	20/1				SPARE	14					
15	EXTERIOR LTG	*	1200			20/1	20/1				SPARE	16					
17	SPARE	-				20/1	20/1				SPARE	18					
19	SPARE	-				20/1	20/1	900			MISC. RECEPTACLES	20					
21	SPARE	-				20/1	20/1		900		MISC. RECEPTACLES	22					
23	SPARE	-				20/1	20/1			900	MISC. RECEPTACLES	24					
25	EXTERIOR RECEPITS	-	900			20/1	20/1	900			MISC. RECEPTACLES	26					
27	EXTERIOR RECEPITS	-		900		20/1	20/1		900		MISC. RECEPTACLES	28					
29	EXTERIOR RECEPITS	-			900	20/1	20/1			900	MISC. RECEPTACLES	30					
31	SPARE	-				20/1	20/1	900			MISC. RECEPTACLES	32					
33	MISC RECEPITS	-			900	20/1	20/1		900		MISC. RECEPTACLES	34					
35	MISC RECEPITS	-			900	20/1	20/1			900	MISC. RECEPTACLES	36					
37	MISC RECEPITS	-	900			20/1	20/1	900			MISC. RECEPTACLES	38					
39	MISC RECEPITS	-			900	20/1	20/1				MISC. RECEPTACLES	40					
41	MISC RECEPITS	-			900	20/1	20/1		900		MISC. RECEPTACLES	42					

"LA" SECT 2 OF 2												SERVICE: 120/208 VOLTS 3 PHASE 4 WIRE 60 HZ				MAINS: 225A MLO		FEED FROM: SECT 1	
MOUNTED: SURFACE BRACED: 22 KAIC												REMARKS: W/ SEPERATE GROUND BUS							
CKT#	SERVES	CONTROL FUNCTION (WHERE REQUIRED)	LOAD (VA)			CIRCUIT BRKR. TRIP/ POLES	LOAD (VA)			CONTROL FUNCTION (WHERE REQUIRED)	SERVES	CKT#							
			PH A	PH B	PH C		PH A	PH B	PH C										
43	SPARE	-	-	-	-	20/1	20/1	1500	1500	-	DATA RACK	44							
45	SPARE	-	-	-	-	20/1	20/1	-	-	-	DATA RCK	46							
47	SPARE	-	-	-	-	20/1	20/1	-	900	-	MISC. RECEPITS	48							
49	SPARE	-	-	-	-	20/1	20/1	900	-	-	MISC. RECEPITS	50							
51	SPARE	-	-	-	-	20/1	20/1	-	900	-	MISC. RECEPITS	52							
53	SPARE	-	-	-	-	20/1	20/1	-	-	900	MISC. RECEPITS	54							
55	SPARE	-	-	-	-	20/1	20/1	900	-	-	MISC. RECEPITS	56							
57	SPARE	-	-	-	-	20/1	20/1	-	900	-	MISC. RECEPITS	58							
59	SPARE	-	-	-	-	20/1	20/1	-	900	-	MISC. RECEPITS	60							
61	SPARE	-	-	-	-	20/1	20/1	900	-	-	MISC. RECEPITS	62							
63	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	64							
65	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	66							
67	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	68							
69	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	70							
71	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	72							
73	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	74							
75	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	76							
77	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	78							
79	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	80							
81	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	82							
83	SPARE	-	-	-	-	20/1	20/1	-	-	-	SPARE	84							

"MA" SECT 1 OF 1												SERVICE: 120/208 VOLTS 3 PHASE 4 WIRE 60 HZ		MAINS: 225A MLO		FEED FROM: MDP	
MOUNTED: SURFACE BRACED: 22 KAIC												REMARKS: W/ SEPERATE GROUND BUS					
CKT#	SERVES	CONTROL FUNCTION (WHERE REQUIRED)	LOAD (VA)			CIRCUIT BRKR. TRIP/ POLES	LOAD (VA)			CONTROL FUNCTION (WHERE REQUIRED)	SERVES	CKT#					
			PH A	PH B	PH C		PH A	PH B	PH C								
1	CU-1	-	2640			35/2	20/1	1200			F-1	2					
3	2#8, #10G., 3/4"C	-		2640		----	20/1				F-2	4					
5	CU-2	-			3900	50/2	20/1	1200	1200		F-3	6					
7	2#8, #10G., 3/4"C	-	3900			----	20/1	1200			F-HP1	8					
9	CU-3	-		3100		40/2	20/1				SPARE	10					
11	2#8, #10G., 3/4"C	-			3100	----	20/1				SPARE	12					
13	HP-1	-	1200			15/2	20/1				SPARE	14					
15	2#8, #10G., 3/4"C	-		1200		----	20/1				SPARE	16					
17	DSCU1	-			1500	15/2	30/3		2500		RTU1	18					
19	2#10, #12G., 3/4"C	-	1500			----	----	2500			3#8, #10G., 3/4"C	20					
21	DSCU2	-			1500	15/2	----		2500		RTU2	22					
23	2#10, #12G., 3/4"C	-			1500	----	45/3		3000		3#8, #10G., 3/4"C	24					
25	DSCU3	-	1500			15/2	----	3000			----	26					
27	2#10, #12G., 3/4"C	-			1500	----	----	3000			----	28					
29	SPARE	-				20/1	90/3		6000		RTU3	30					
31	SPARE	-				20/1	----	6000			3#1, #8G., 1-1/4"C	32					
33	SPARE	-				20/1	----	6000			----	34					
35	SPARE	-				20/1	20/1		900		RTU RECEPTACLES	36					
37	SPARE	-				20/1	20/1				----	38					
39	SPARE	-				20/1	20/1				SPARE	40					
41	SPARE	-				20/1	20/1				SPARE	42					