

SCHEDULE OF SPECIAL INSPECTIONS

PROJECT:	TIGER COMMISSARY				
MATERIAL / ACTIVITY	SERVICE	Y / N	EXTENT	AGENT	DATE COMPLETED
1704.4 CONCRETE CONSTRUCTION					
Inspect reinf steel installation	Field inspection	Y	Periodic	2,3,4	
Verification of reinf design mix	Review submittals		Periodic	3,4	
Fresh concrete sampling	Field testing		Continuous	2,3	
Concrete curing operations	Field review		Periodic	2,3	
Evaluation of concrete strength	Field testing & review of laboratory reports		Periodic	3,4	
Inspection of formwork for shape, lines, location, & stresses	Field inspection	Y	Periodic	2,3	
1704.5 MASONRY CONSTRUCTION (LEVEL I)					
Verify proportions of site prepared mortar	Field & submittal review		Periodic	2,3	
Verify construction of mortar joints	Field inspection		Periodic	2,3	
Verify size, grade, & type of reinforcement	Field inspection		Periodic	2,3,4	
Verify protection of masonry during hot/cold weather	Field inspection		Periodic	2,3	
Verify compliance w/ reinf inspection provisions of construction documents & approved submittals	Field inspection	Y	Periodic	2,3,4	
1704.6 WOOD CONSTRUCTION					
Inspection of the fabrication process of wood structural members & assemblies in accordance with Sec. 1704.2	In plant review		Periodic	5	
Inspection of firewalls & sheenwalls	Field inspection	Y	Periodic	2,3,4	
1704.7 SOILS					
Verify materials below shallow foundations are adequate to achieve the design bearing capacity	Field inspection		Periodic	1	
Perform classification & testing of controlled fill materials	Field inspection		Periodic	1	
Verify use of proper materials, densities, & lift thicknesses during placement & compaction of controlled fill	Field inspection		Continuous	1	
Verify dry-density of compacted fill complies with approved soils report	Review field testing		Periodic	1	
1707.1 ARCHITECTURAL COMPONENTS SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE					
Inspection during the erection & fastening of exterior cladding & interior & exterior veneer	Field inspection	Y	Periodic	2,3	
Inspection during the erection & fastening of interior & exterior non load bearing masonry	Field inspection		Periodic	2,3	
1707.2 MECHANICAL & ELECTRICAL COMPONENTS SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE					
Inspection during the anchorage of other electrical equipment	Field inspection		Periodic	5,6	
Inspection during installation of piping systems intended to contain flammable, combustible or highly toxic contents & their associated mechanical units	Field inspection		Periodic	5,6	
Inspection during the installation of HVAC ductwork that will contain hazardous materials	Field inspection		Periodic	5,6	
Inspection during the installation of vibration isolation systems	Field inspection		Periodic	5,6	
1708.5 REINFORCING STEEL TESTING FOR SEISMIC RESISTANCE					
Review certified mill test reports	Field review		Each Submittal	3,4	
1708.5 SEISMIC QUALIFICATION OF MECHANICAL & ELECTRICAL EQUIPMENT					
Review certificate of compliance for designated seismic system components	Certificate of compliance review		Each Submittal	5,6	
INSPECTION AGENT					
1 Testing Agency	NONE				
2 Testing Agency	NONE				
3 Architect	JAMES MCFADDEN				
4 Structural Engineer	MIKE SMITH				
5 Mechanical Engineer	TODD SINGLETON				
6 Electrical Engineer	TODD SINGLETON				
7 Steel Fabricator	NONE				
8 Laminated Wood Mfg	NONE				
Notes:					
1. The inspection & testing agent(s) shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work. The qualifications of the Special Inspectors and/or testing agencies are subject to the approval of the Building Official and/or the Design Professional.					
2. The list of Special Inspectors may be submitted as a separate document if noted so above.					
Statement of Special Inspections					
INSPECTION OF SEISMIC ELEMENTS INCLUDING BUT NOT LIMITED TO FOUNDATION STEEL & PEMB FRAMING TO BE MADE AND DOCUMENTED. FIREWALLS CONSTRUCTION ALSO TO BE INSPECTED.					

New Facility for:

TIGER COMMISSARY

2508 W. Washington Ave • Jonesboro, Arkansas 72401



811

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PROJECT VICINITY / LOCATION MAP

PROJECT VICINITY MAP

N.T.S.

NOTE: THIS MAP IN NO WAY REPRESENTS THE ACTUAL LEGAL DESCRIPTION OF THE PROPERTY BUT IS A DIRECTIONAL REFERENCE ONLY FOR PLAN REVIEWERS AND THOSE VISITING THE PROJECT.

AFPC, VOL II, SECT 106.4 VERIFICATION:

WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REVIEWED CONSTRUCTION DOCUMENTS, AND ANY CHANGES MADE DURING CONSTRUCTION THAT ARE NOT IN COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS SHALL BE RESUBMITTED FOR APPROVAL AS AN AMENDED SET OF CONSTRUCTION DOCUMENTS.

(OWNER'S SIGNATURE)

(OWNER'S PRINTED NAME)

(GENERAL CONTRACTOR SIGNATURE)

(GENERAL CONTRACTOR PRINTED NAME)

AFPC 2012 CODE ANALYSIS

A) OCCUPANCY CLASSIFICATION: BUSINESS (B) SECTION 504

B) OCCUPANT LOAD: OFFICE SPACE - 14,942/100 = 150 STORAGE - 1/88/300 = 4 TOTAL - 16,180 SF=154 T 1004.1.2

C) FIRE EXITS: 2 REQUIRED, 5 PROVIDED SECTION 1005/1007

D) FIRE PROTECTION SYSTEM: 6 FIRE EXTINGUISHERS PROVIDED SECTION 1016.1 TABLE 1016.2

E) TYPE OF CONSTRUCTION - TYPE V SECTION 602.3 TABLE 601

F) ALLOWABLE HEIGHT AND BUILDING AREA PER FLOOR: MAX = 5 STORIES, 50' BLDG AREA PER FLOOR: MAX = 18,000 SQ.FT. PROPOSED: 2 STORIES, 26'4" 12,500 SF 1ST FLOOR 5,600 SF 2ND FLOOR 16,180 SF TOTAL TABLE 503

506.3 AUTOMATIC SPRINKLER SYSTEM INCREASE, WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 403.3.1, THE BUILDING AREA LIMITATION IN TABLE 503 IS PERMITTED TO BE INCREASED BY AN ADDITIONAL 200 PERCENT (1.5 = 2) FOR BUILDINGS WITH MORE THAN ONE STORY ABOVE GRADE PLANE AND AN ADDITIONAL 300 PERCENT (1.5 = 3) FOR BUILDINGS WITH NO MORE THAN ONE STORY ABOVE GRADE PLANE.

CODE REVIEW

2010 ADA STANDARDS FOR ACCESSIBILITY
2012 EXISTING BUILDING CODE
2012 ARKANSAS FIRE PREVENTION CODE VOL. II: FIRE
2012 ARKANSAS FIRE PREVENTION CODE VOL. III: BUILDINGS
2012 ARKANSAS FIRE PREVENTION CODE VOL. III: RESIDENTIAL
2006 APG: ARKANSAS PLUMBING CODES
2010 AMG: ARKANSAS MECHANICAL CODES
2017 NEG: NATIONAL; ELECTRICAL CODES
2006 AFAS: ARKANSAS FUEL AND GAS CODES
2014 ARKANSAS ENERGY CODE (2009 IECG W SUPPLEMENTS & AMENDMENTS)
2012 INTERNATIONAL BUILDING CODES
2012 INTERNATIONAL RESIDENTIAL CODES
2003 ICC/ANSI A117.1: AMERICAN NATIONAL STANDARDS (ADA REQUIREMENTS)
AFPC CERTIFICATION
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.

JAMES MCFADDEN
License Number
9547

REGISTERED ARCHITECT
STATE OF ARKANSAS

ABBREVIATIONS	
1	FOOT
2	INCHES
3	NUMBER
4	DOLLARS
5	PERCENT
6	AND
7	AT
8	ANCHOR BOLT
9	ANCHOR BOLTS
10	AMERICAN CONCRETE INSTITUTE
11	ACOUSTICAL
12	ACOVE FINISHED FLOOR
13	AHTD AIR HIGHWAY & TRANSPORTATION
14	ALUM ALUMINUM
15	BD BOARD
16	BFE BUILDING FLOOR ELEVATION
17	BLDG BUILDING
18	BTUH BRITISH THERMAL UNITS PER HOUR
19	C
20	CRITERIA
21	CAPGAL CAPACITY IN GALLONS
22	CFM CUBIC FEET PER MINUTE
23	CERT CERTIFIED
24	CLG CEILING
25	CLG GLOUSE
26	CMP CORRUGATED METAL PIPE
27	CO COMPANY
28	COL COLUMN
29	CON CONNECTION
30	CONC CONCRETE
31	CONC CONTINUOUS
32	CONC CONCRETE
33	CONC CONCRETE
34	CONC CONCRETE
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100	CONC CONCRETE

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C005	UTILITY PLAN
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C009	LANDSCAPE PLAN
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MATERIAL LEGEND	
	FACEBRICK
	MASONRY BLOCK
	PLYWOOD
	WOOD (FINISH OR STUD WALL)
	WOOD (BLOCKING)
	INSULATION (BATT)
	INSULATION (RIGID)
	GYP, BOARD OR PLASTER
	METAL
	METAL STUDS
	CONCRETE

SYMBOL LEGEND	
	SECTION SHEET
	DETAIL SHEET
	OPENING
	GENERAL NOTE
	LEVEL CHANGE
	NORTH ARROW
	WALL
	WALL ELEVATION SHEET
	FIXTURE

COVER SHEET

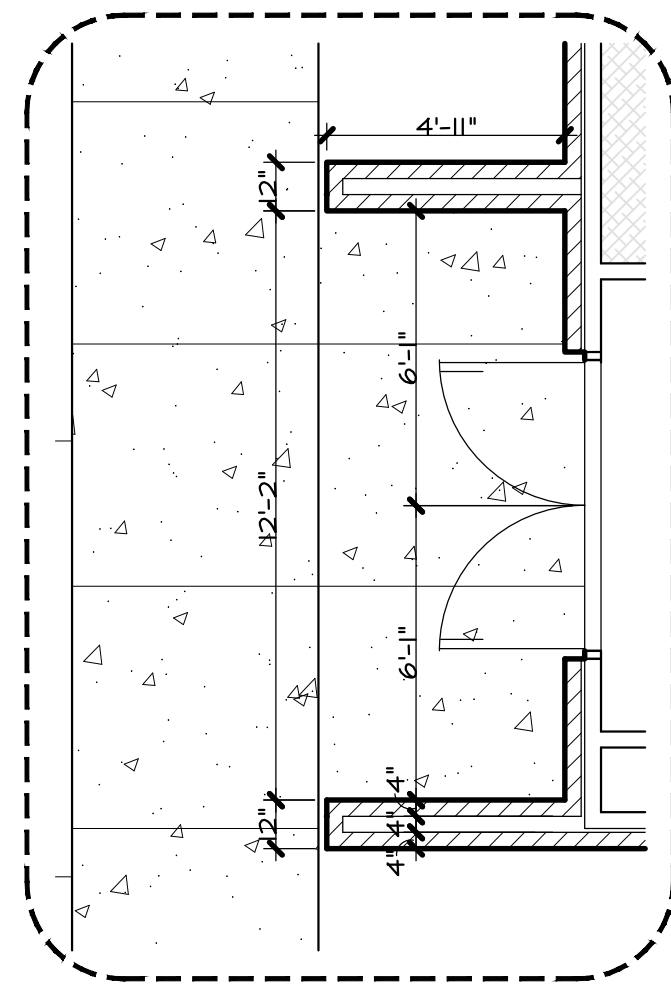
NEW FACILITY FOR
TIGER COMMISSARY
2508 W. Washington Ave
JONESBORO, AR 72401

COMM. NO. 1952
DATE: 3/11/2022
FILE:

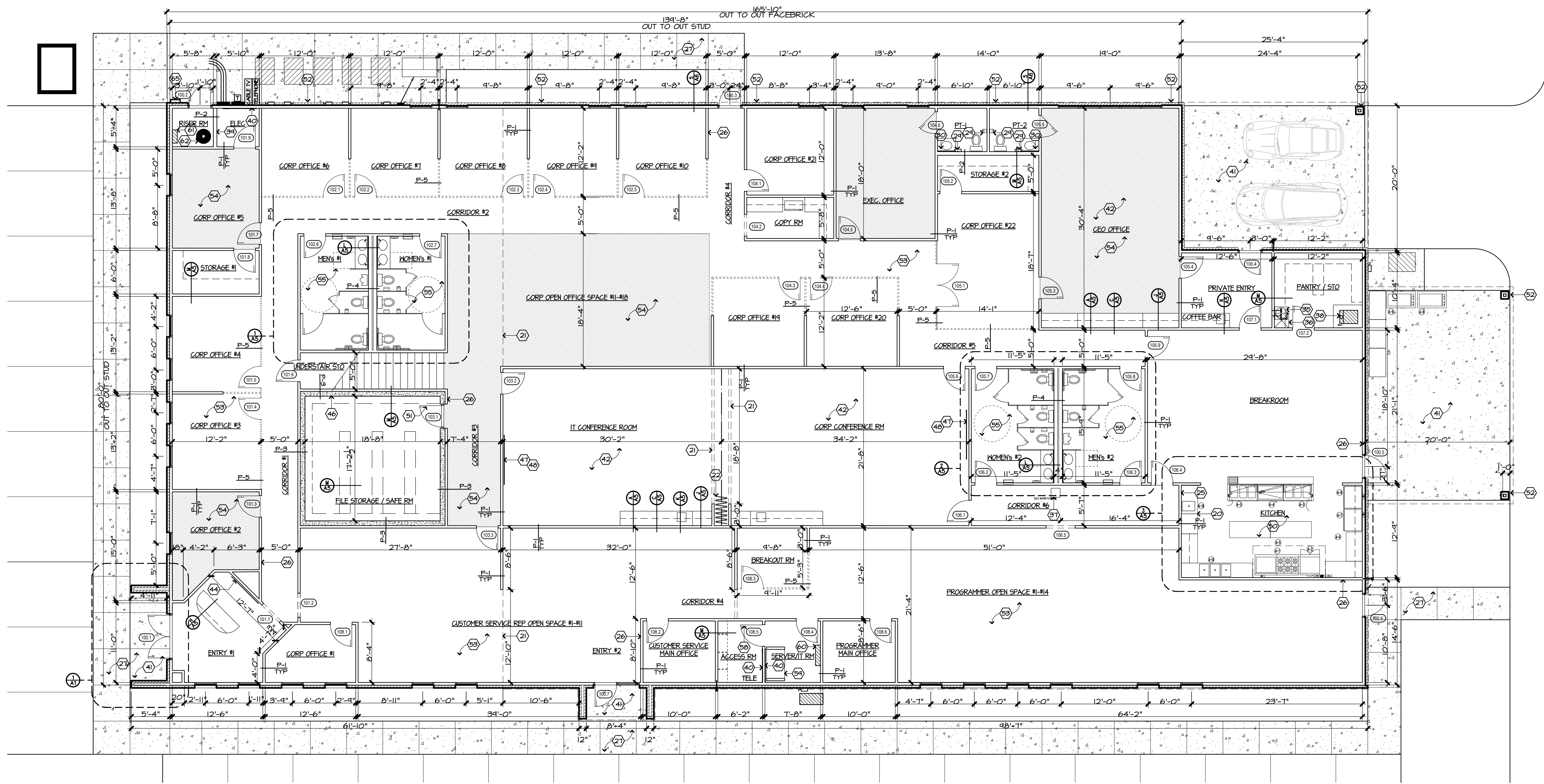
MORTIN DESIGN SERVICES, LLC
Commercial & Residential Design Consultant
817-244-4054
bmortin.mds@gmail.com

MDS

C

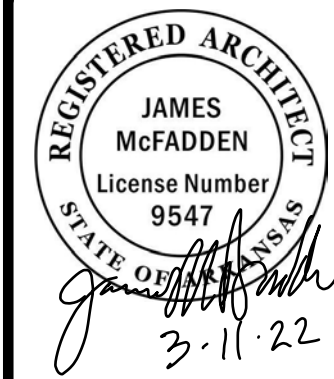
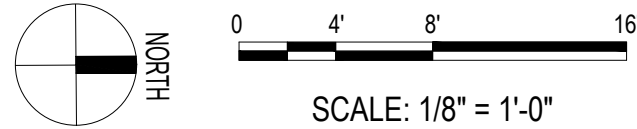


ENLARGED – AREA 1 – ENTRY #1
N.T.S.
NOTE: SEE GENERAL NOTES SHEET A3



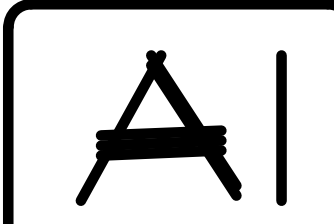
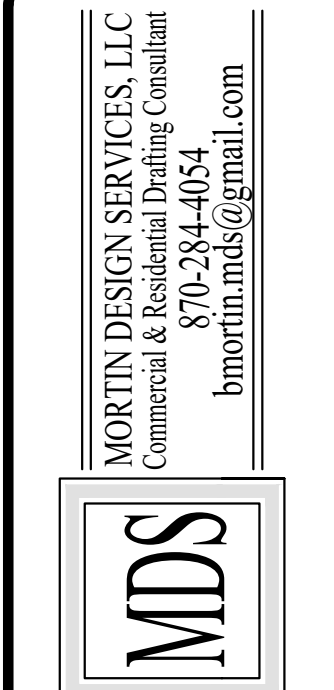
1 OVERALL FIRST FLOOR PLAN
1/8" = 1'-0"

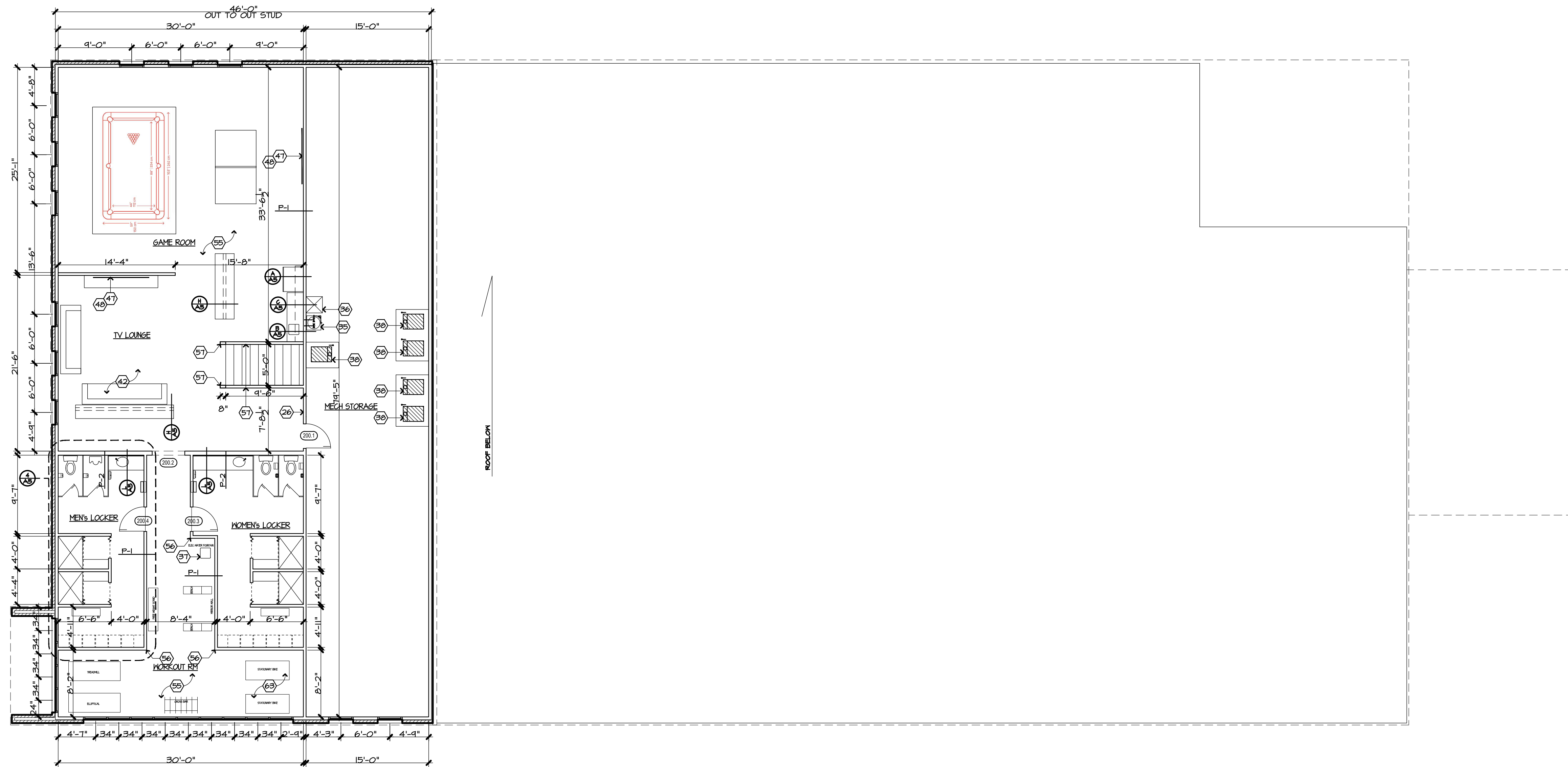
NOTE: SEE GENERAL NOTES SHEET A3



OVERALL FIRST FLOOR PLAN

NEW FACILITY FOR:
TIGER COMMISSARY
JONESBORO, AR 72401
COMM. NO.: 91521
DATE: 3/11/2022
FILE:
PLOT:

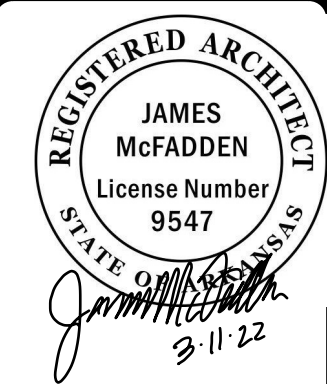
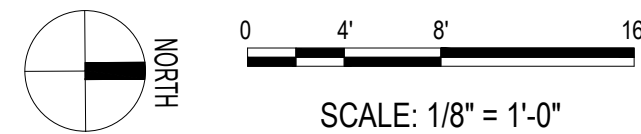




1 OVERALL SECOND FLOOR PLAN
1/8"=1'-0"

NOTE: SEE GENERAL NOTES SHEET A3

43 45 49

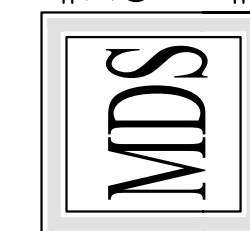


OVERALL SECOND FLOOR PLAN

NEW FACILITY FOR
TIGER COMMISSARY
14 WASHINGTON AVE
JONESBORO, AR 72401

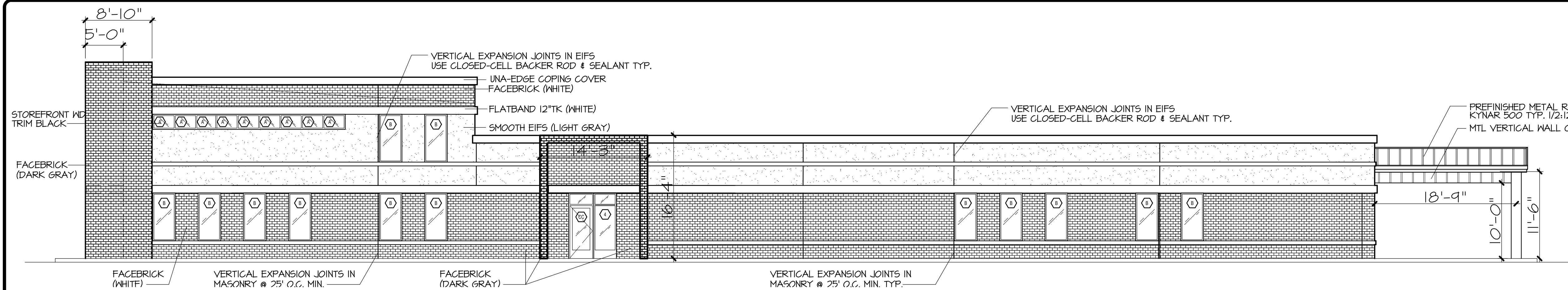
COMM. NO.: 41521
DATE: 3/11/2022
FILE:
PLOT:

MORTIN DESIGN SERVICES, LLC
Commercial & Residential Drafting Consultant
870-284-4054
bmortin.mds@gmail.com

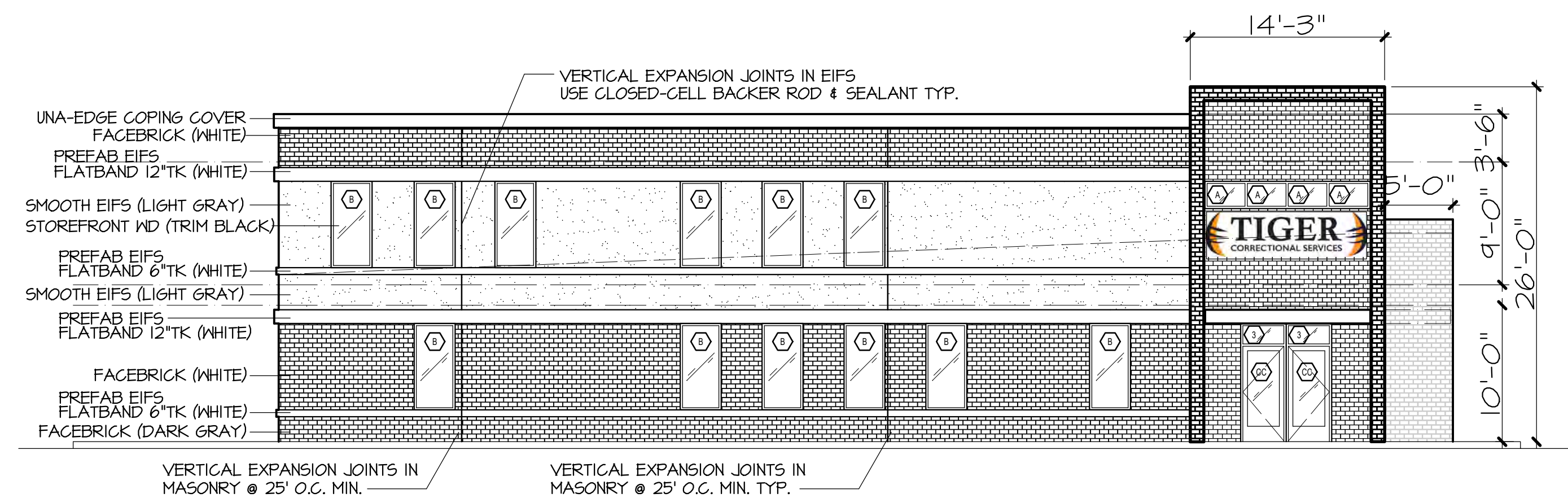


A2

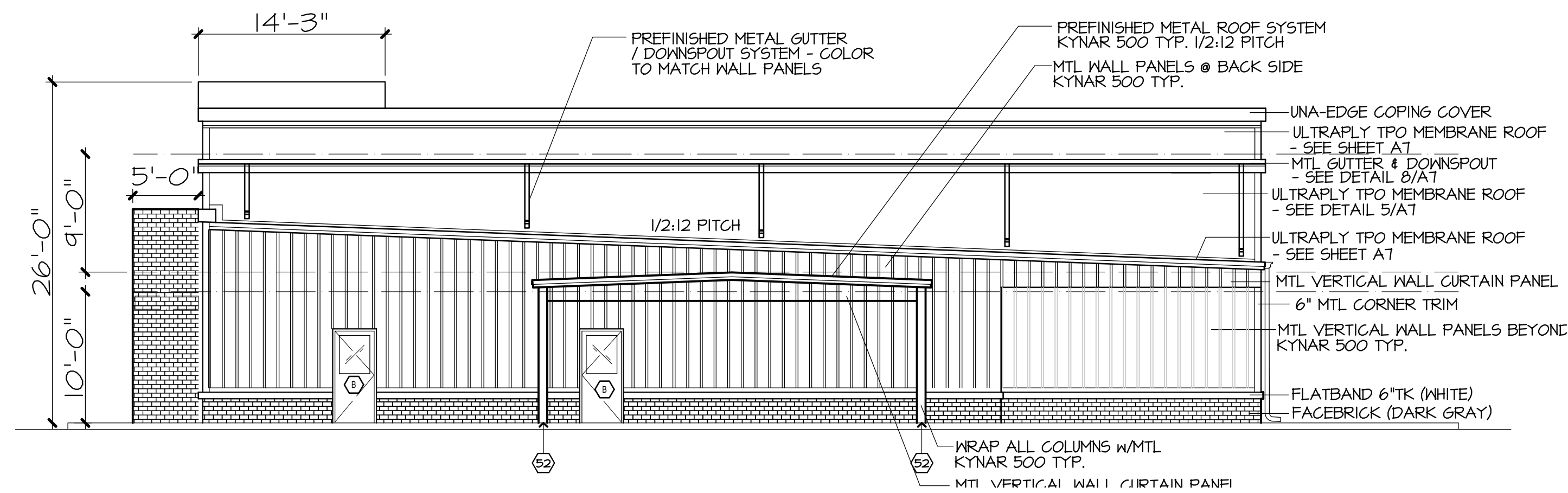




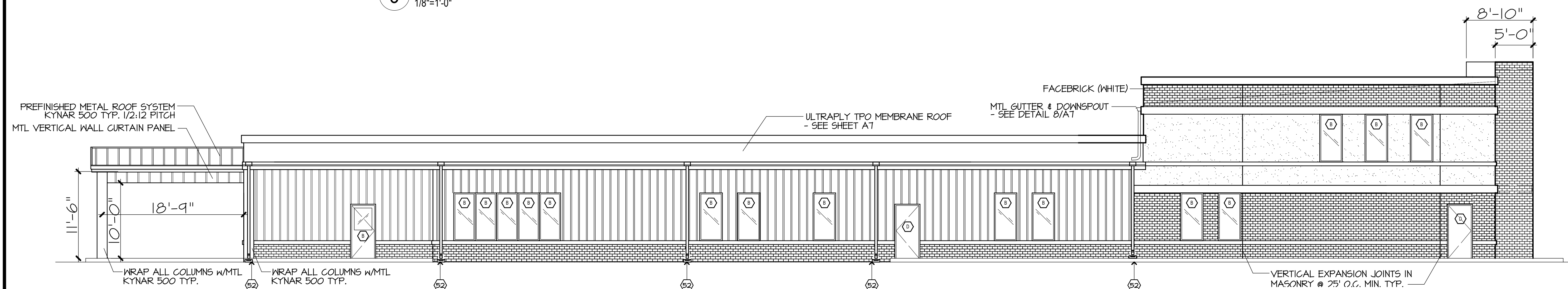
1 EAST ELEVATION
1/8"=1'-0"



2 SOUTH ELEVATION
1/8"=1'-0"

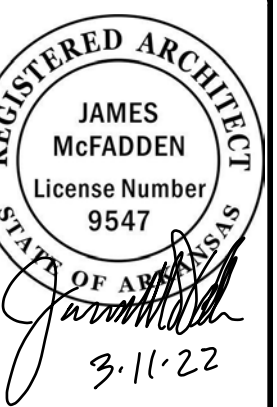
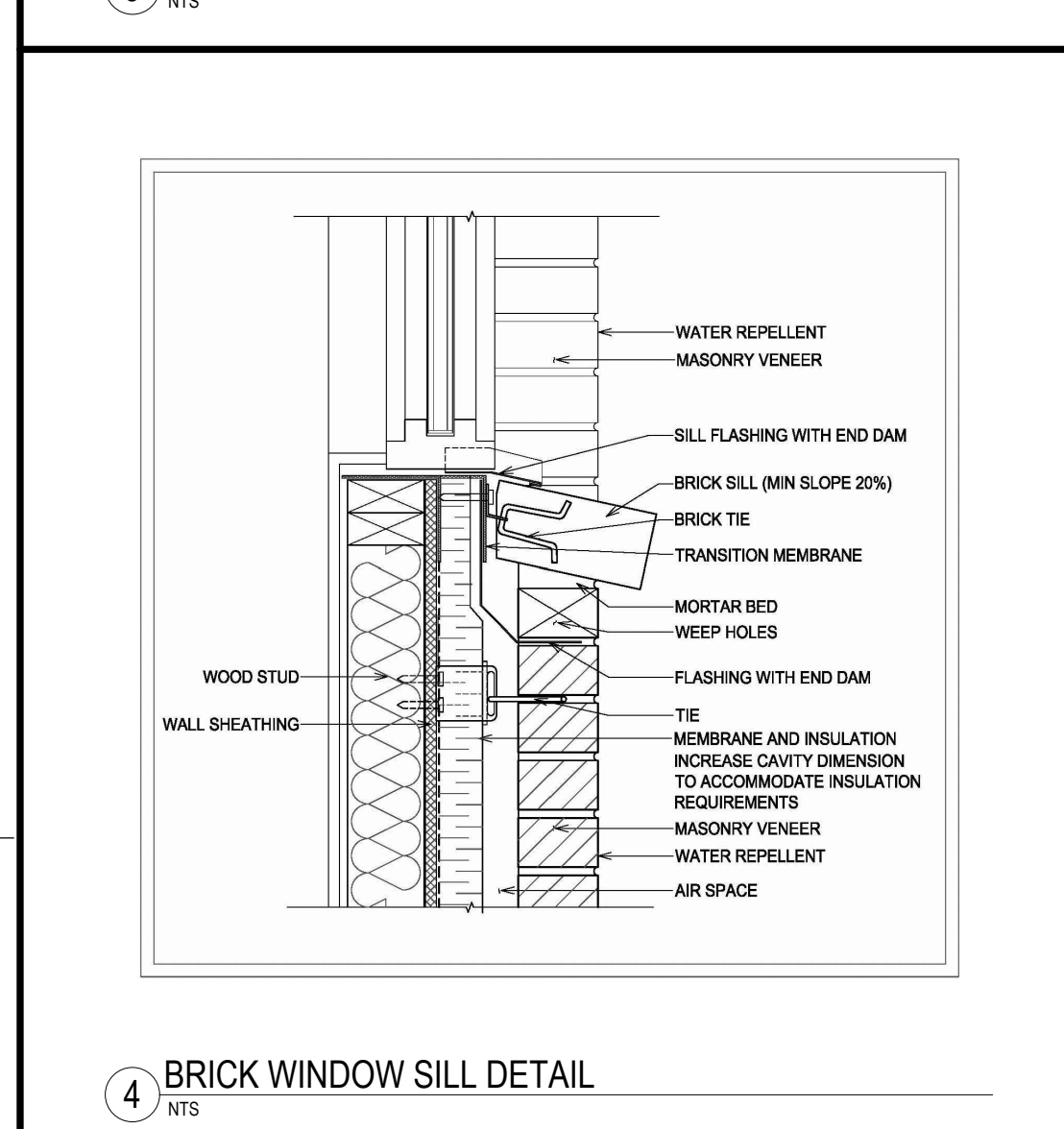
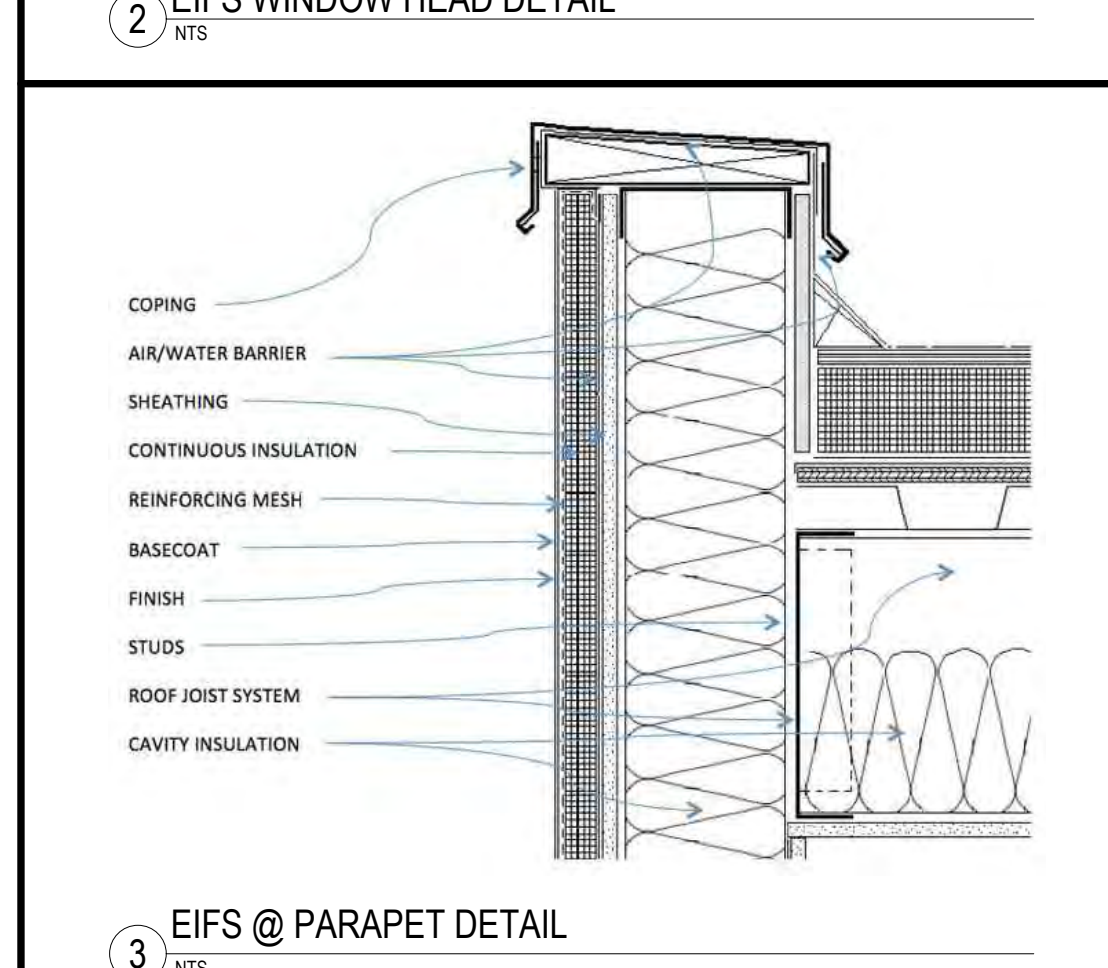
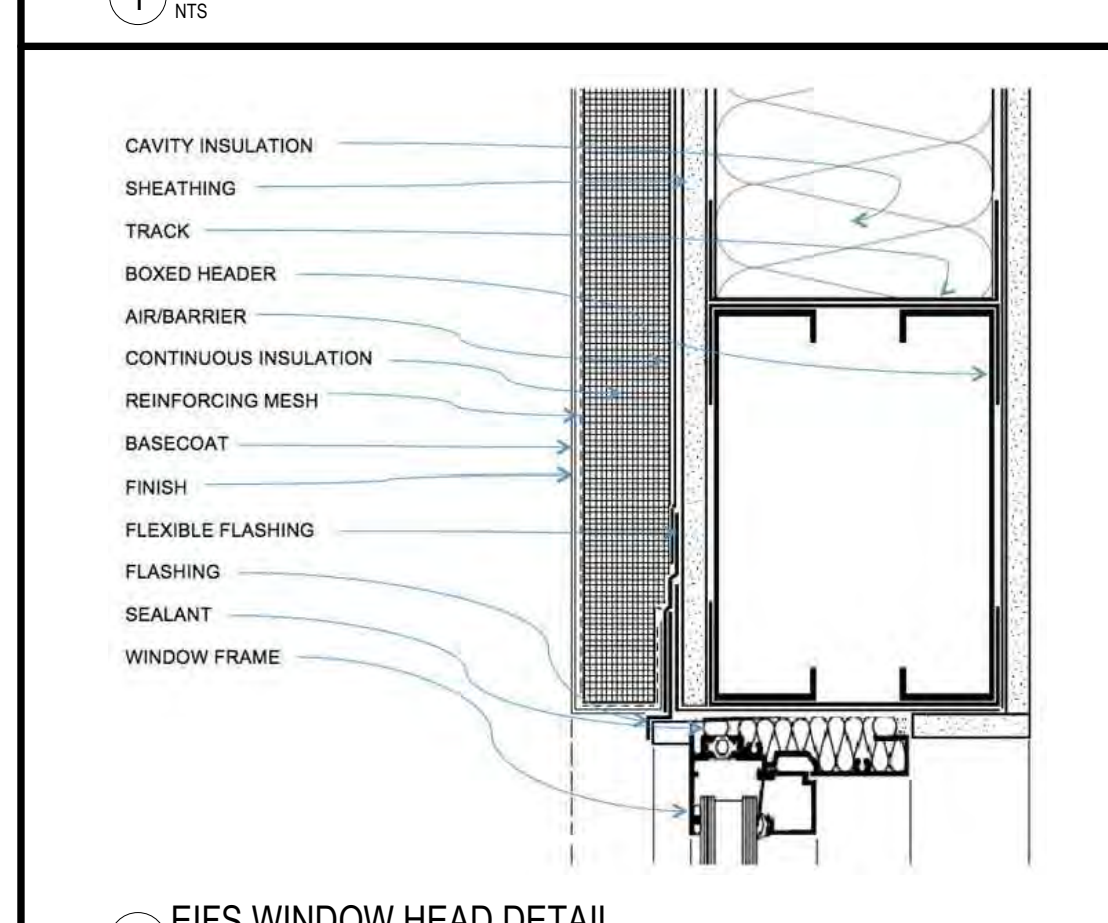
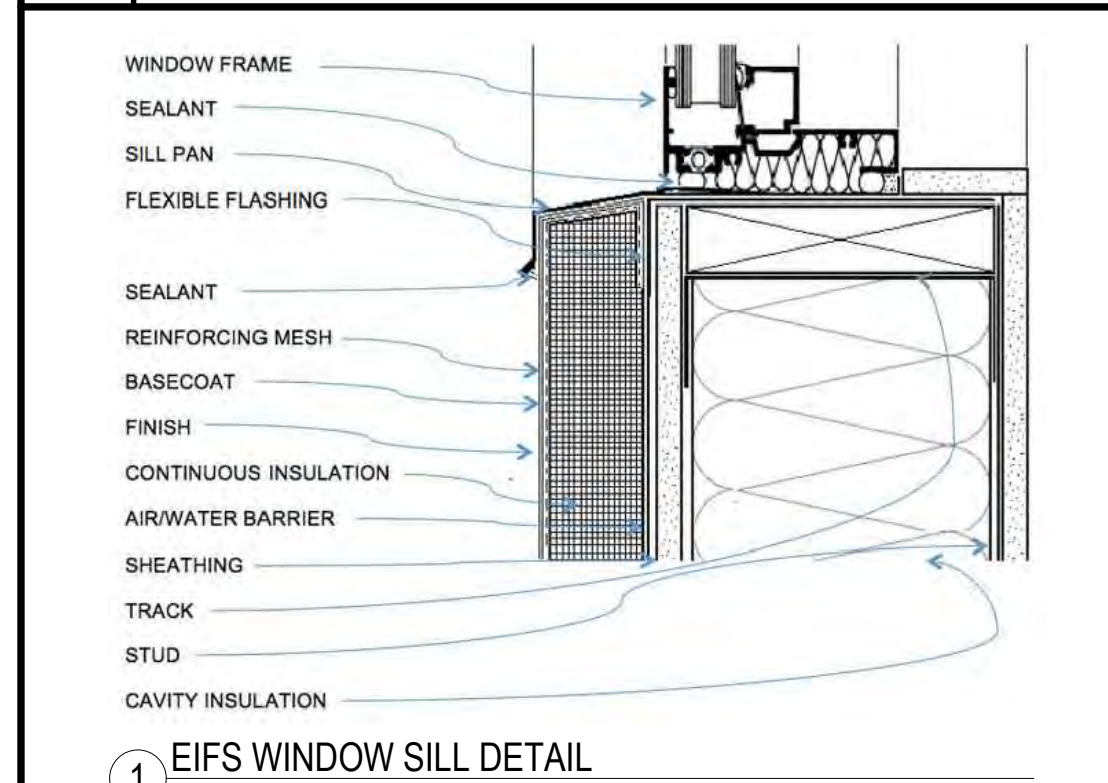


3 NORTH ELEVATION
1/8"=1'-0"



4 WEST ELEVATION
1/8"=1'-0"
NOTE: SEE GENERAL NOTES SHEET A3

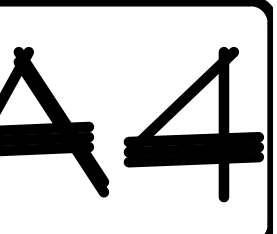
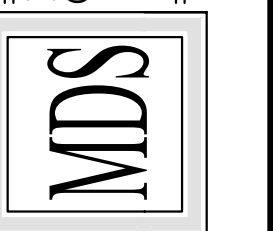
GENERAL NOTES		EXTERIOR ELEVATIONS
MARK	DESCRIPTION	
1	SEE MECHANICAL, PLUMBING, ELECTRICAL, AND KITCHEN EQUIPMENT PLANS FOR ROOF MOUNTED EQUIPMENT AND ROOF PENETRATIONS RELATED TO RESPECTIVE DISCIPLINES	
2	SEE ELECTRICAL LIGHTING PLANS FOR EXTERIOR LIGHTING TYPES AND LOCATIONS	

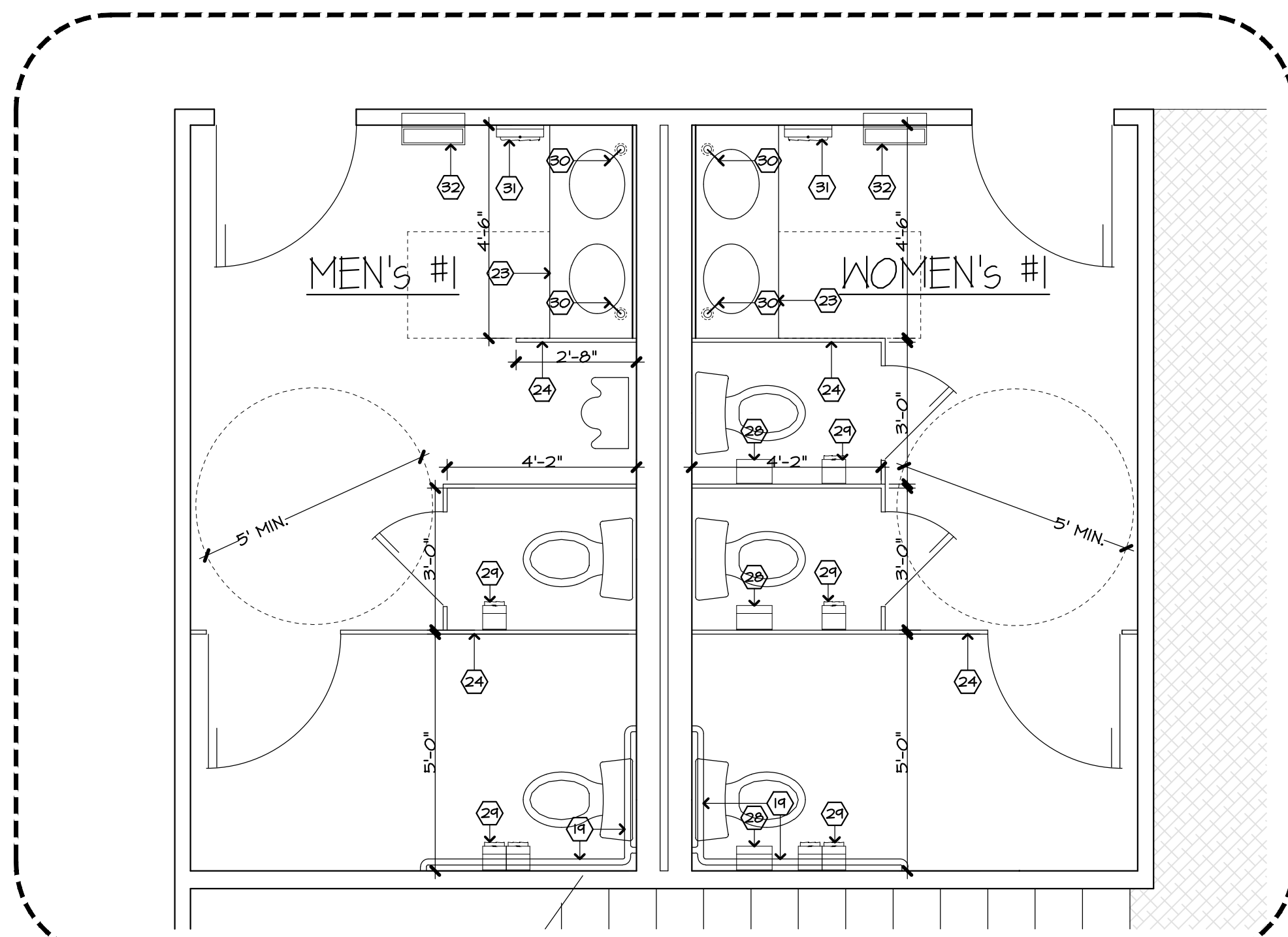


EXTERIOR ELEVATIONS
SCHEDULES, NOTES, & DETAILS

NEW FACILITY FOR
TIGER COMMISSARY
K. WASHINGTON AVE
JONESBORO, AR 72401
COMM. NO.: 41521
DATE: 5/11/2022
FILE: PLOT:

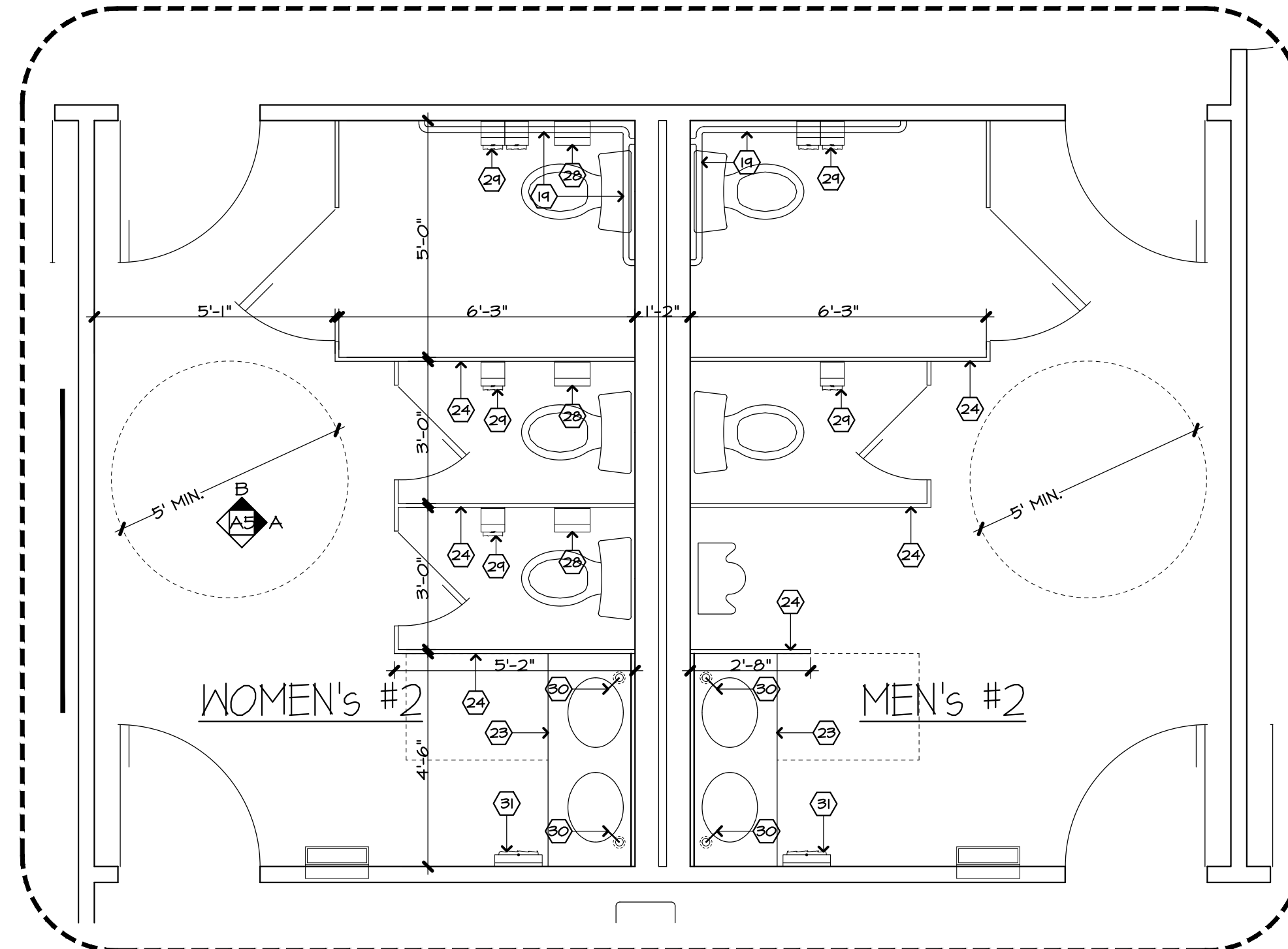
MORTIN DESIGN SERVICES, LLC
Commercial & Residential Drafting Consultant
870-284-4054
bmortin.mds@gmail.com





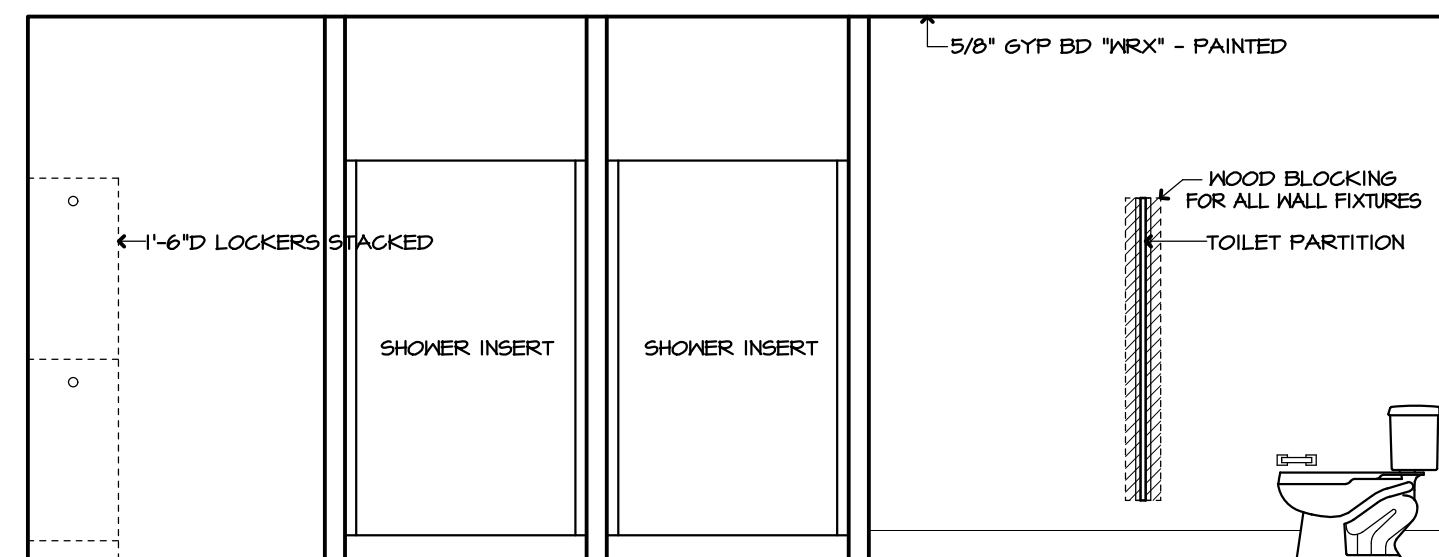
ENLARGED - AREA 1 - BATHROOM

N.T.S.
NOTE: SEE GENERAL NOTES SHEET A3

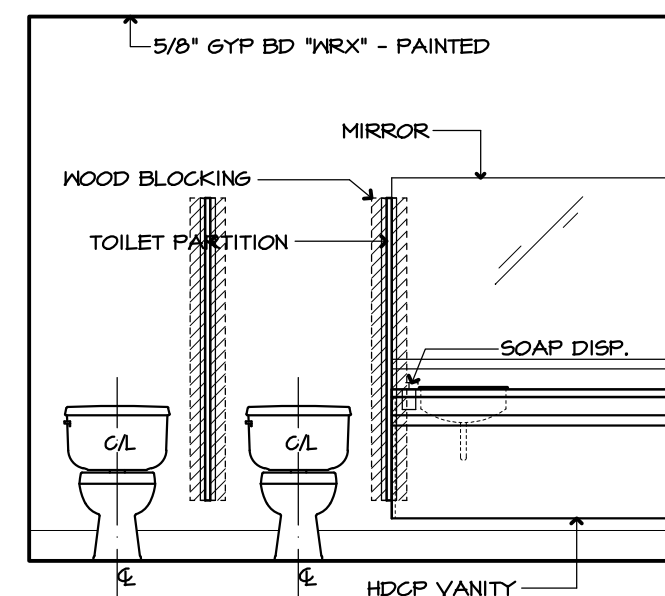


ENLARGED - AREA 2 - BATHROOM

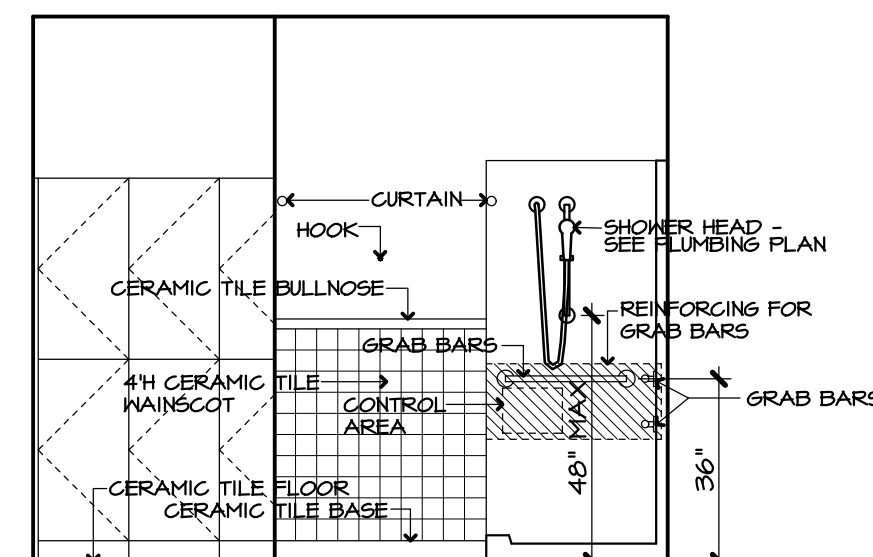
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NOTE: SEE GENERAL NOTES SHEET A3



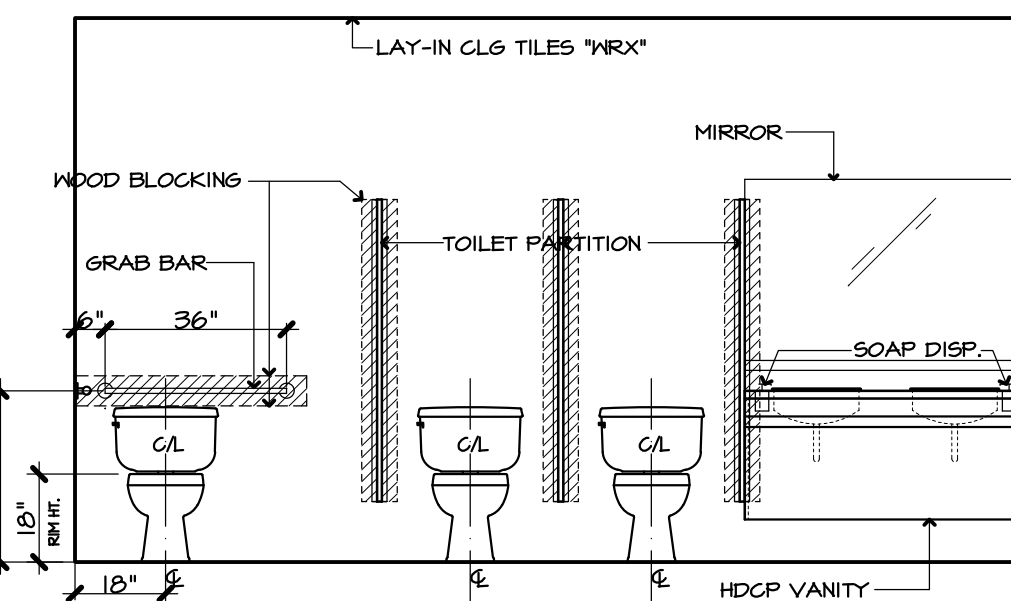
ELEVATION 'A'
LOCKER ROOM TYP.



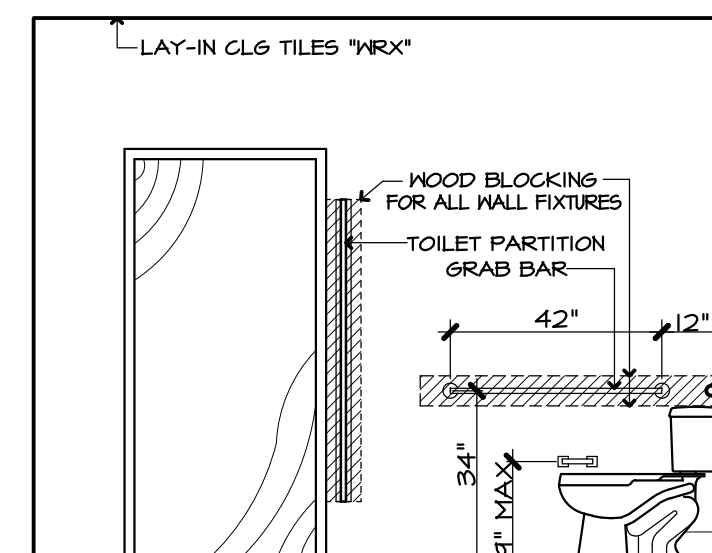
ELEVATION 'B'



ELEVATION 'C'



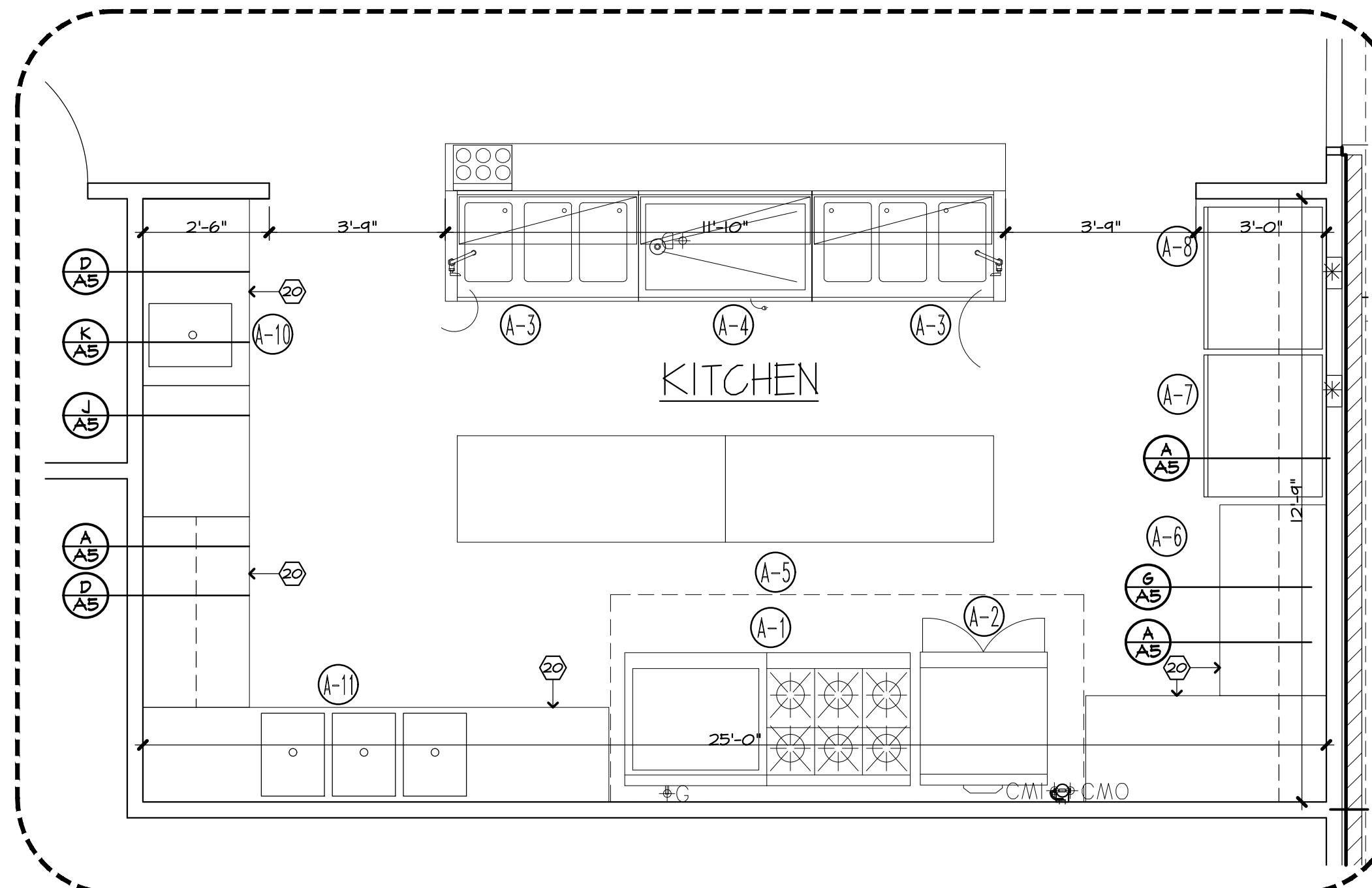
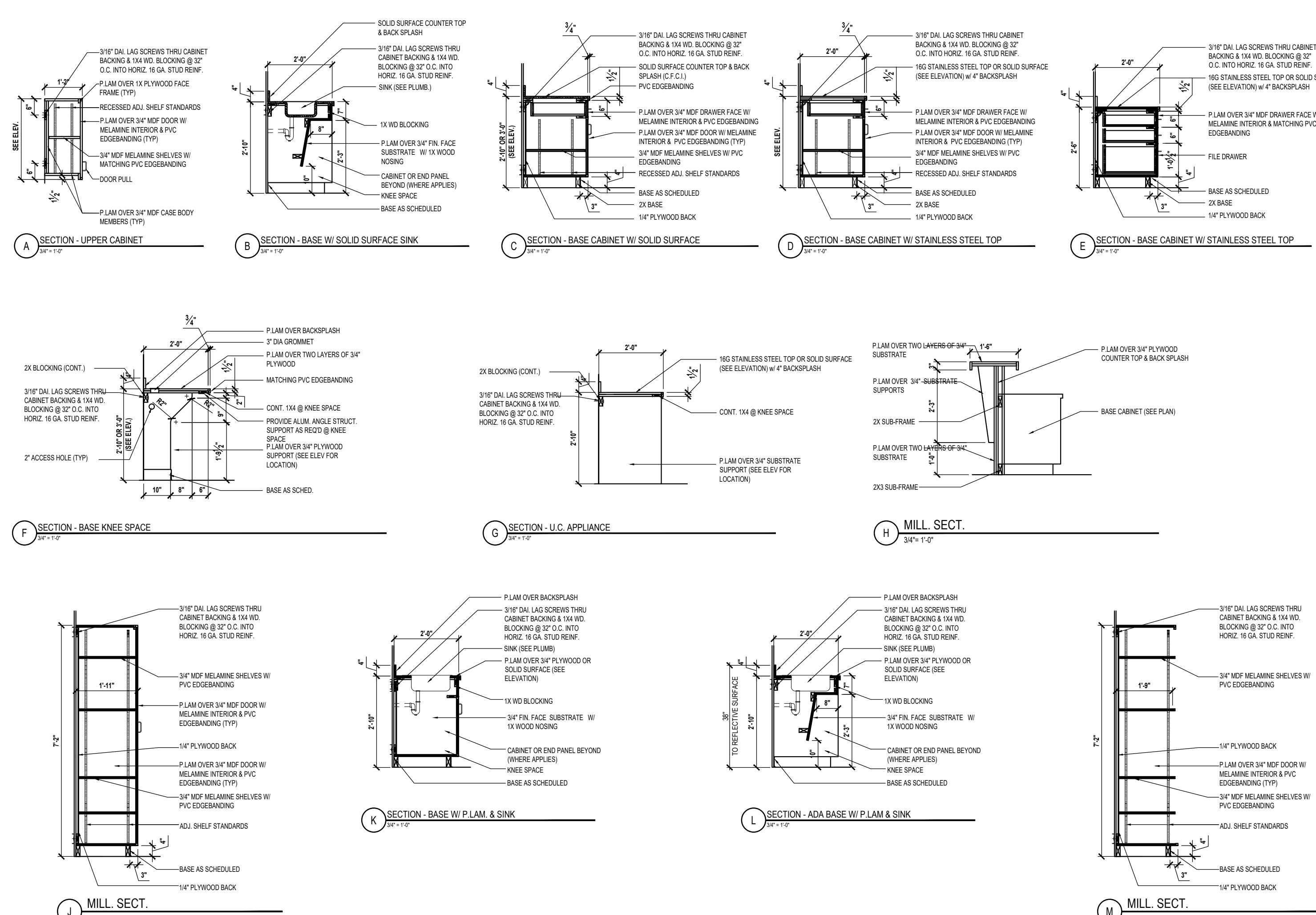
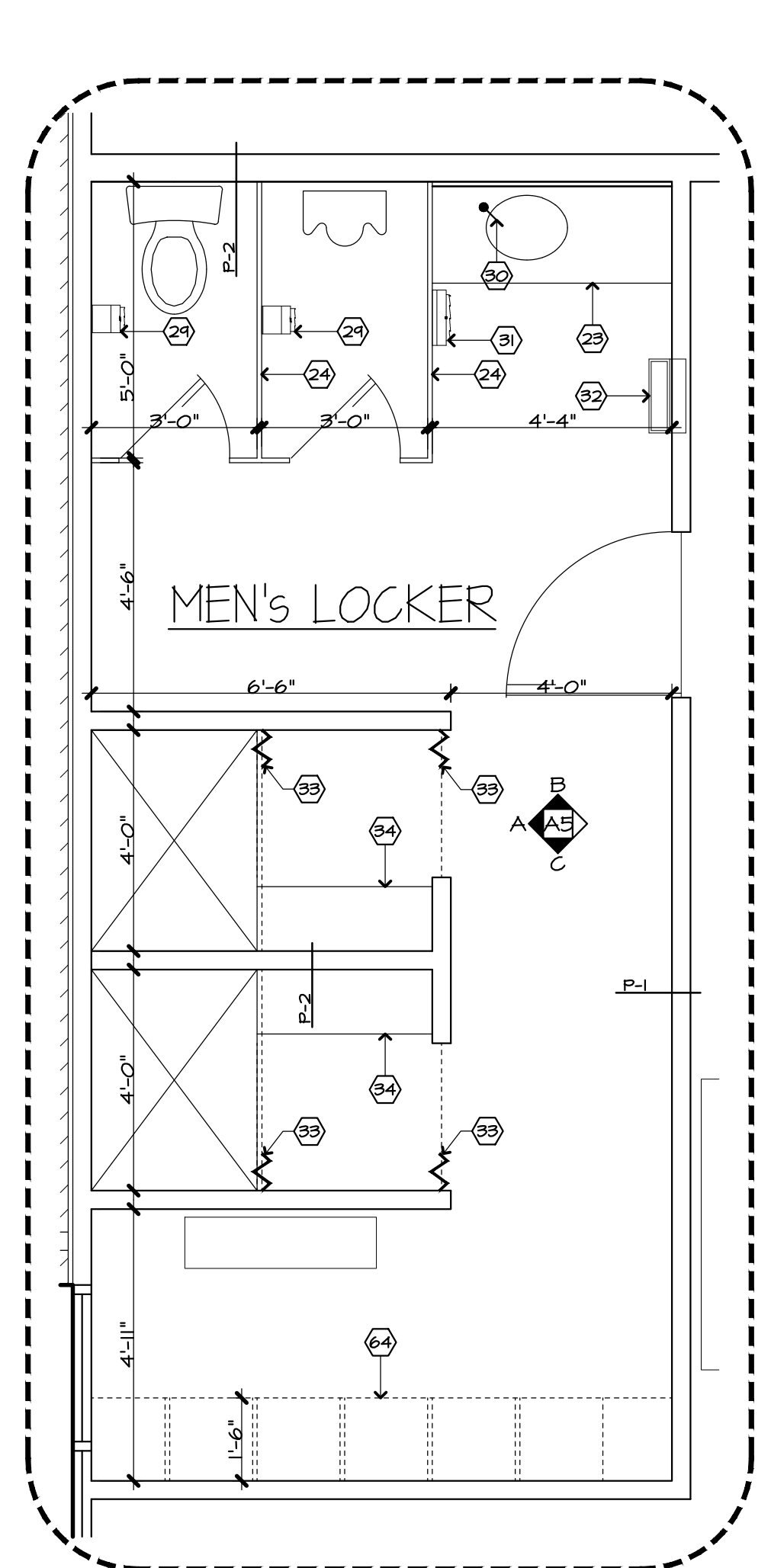
ELEVATION 'A'
WOMEN'S TYP.



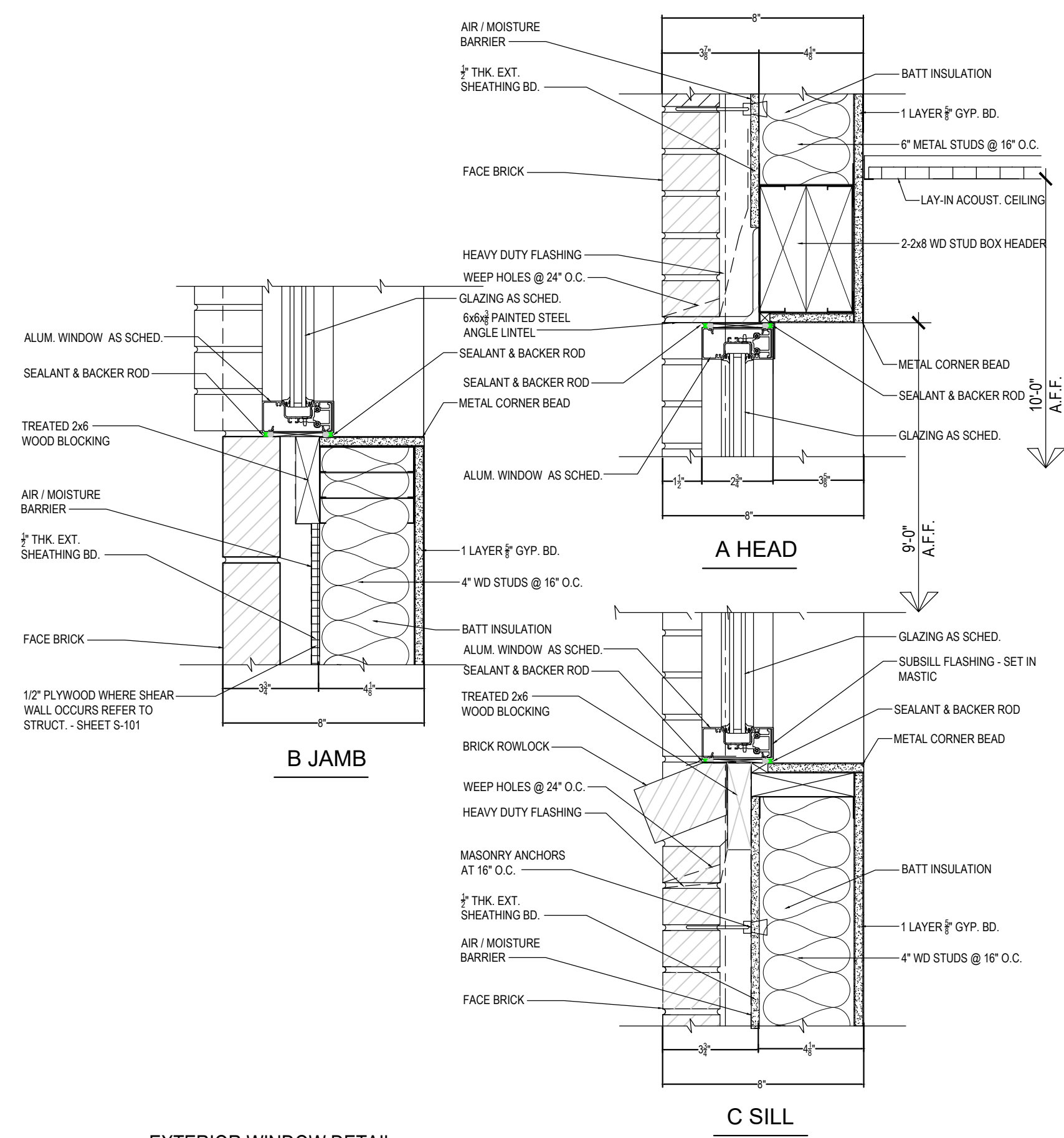
ELEVATION 'B'

ENLARGED - AREA 4 - LOCKER ROOM

N.T.S.
NOTE: SEE GENERAL NOTES SHEET A3

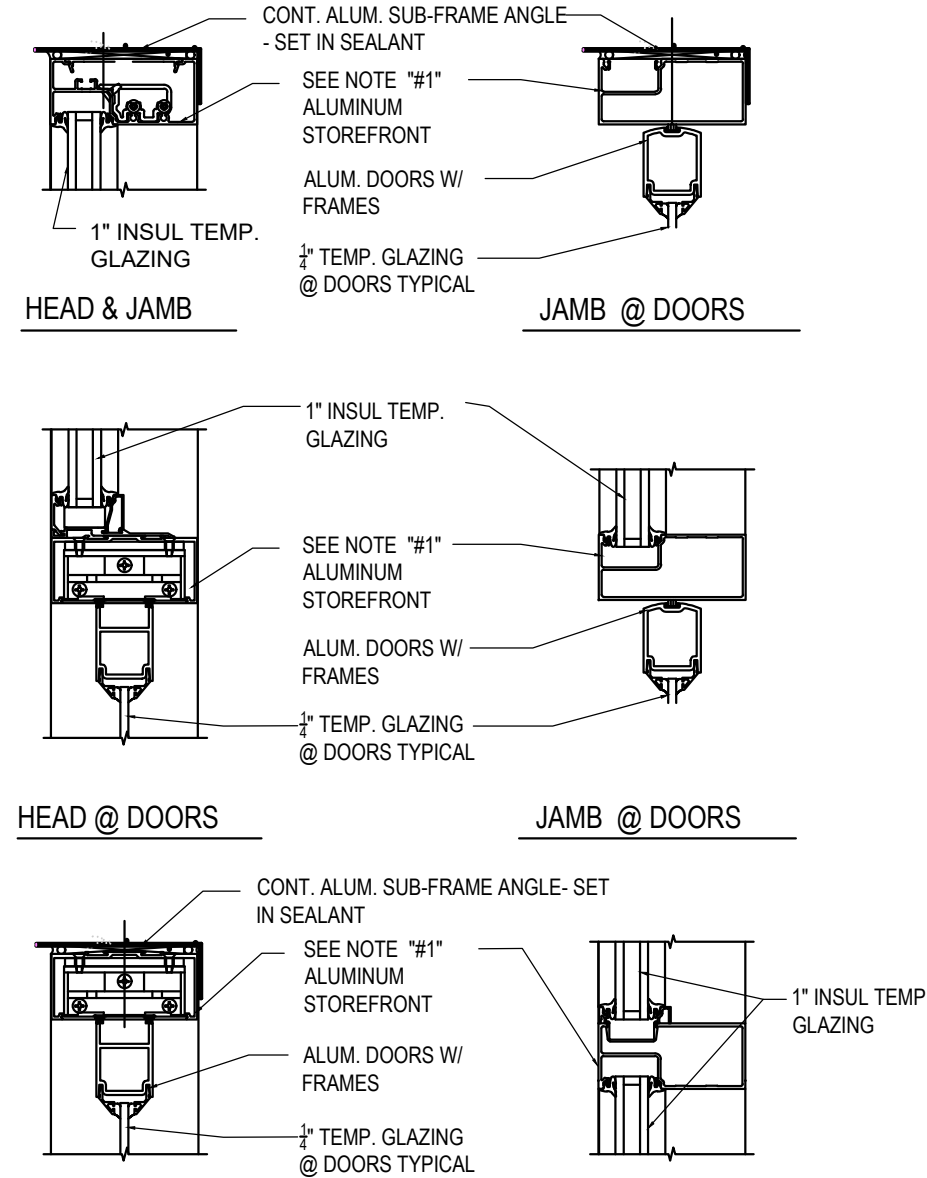


ENLARGED - AREA 3 - KITCHEN
N.T.S.

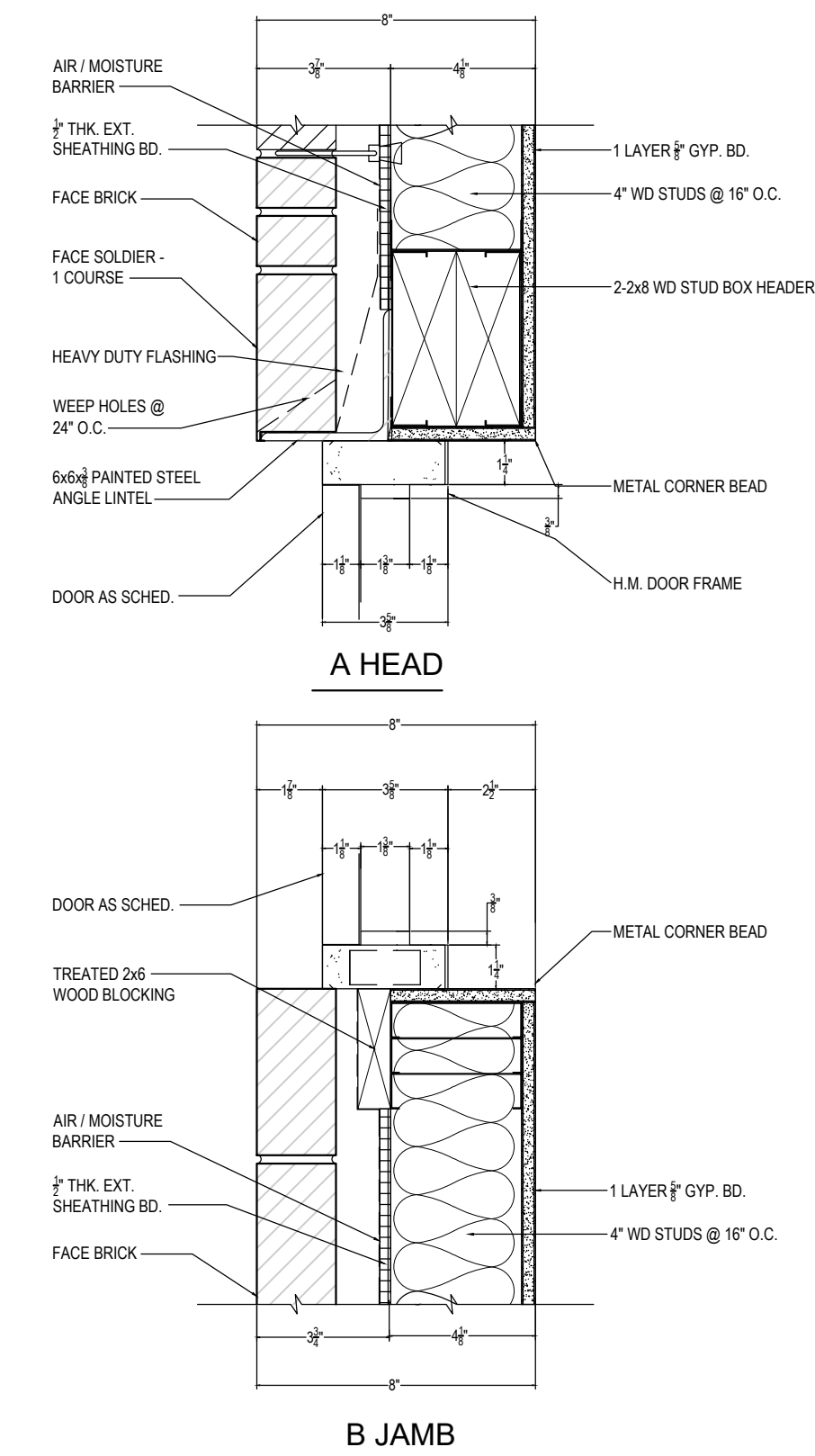


4 EXTERIOR WINDOW DETAIL
3'-11"0"

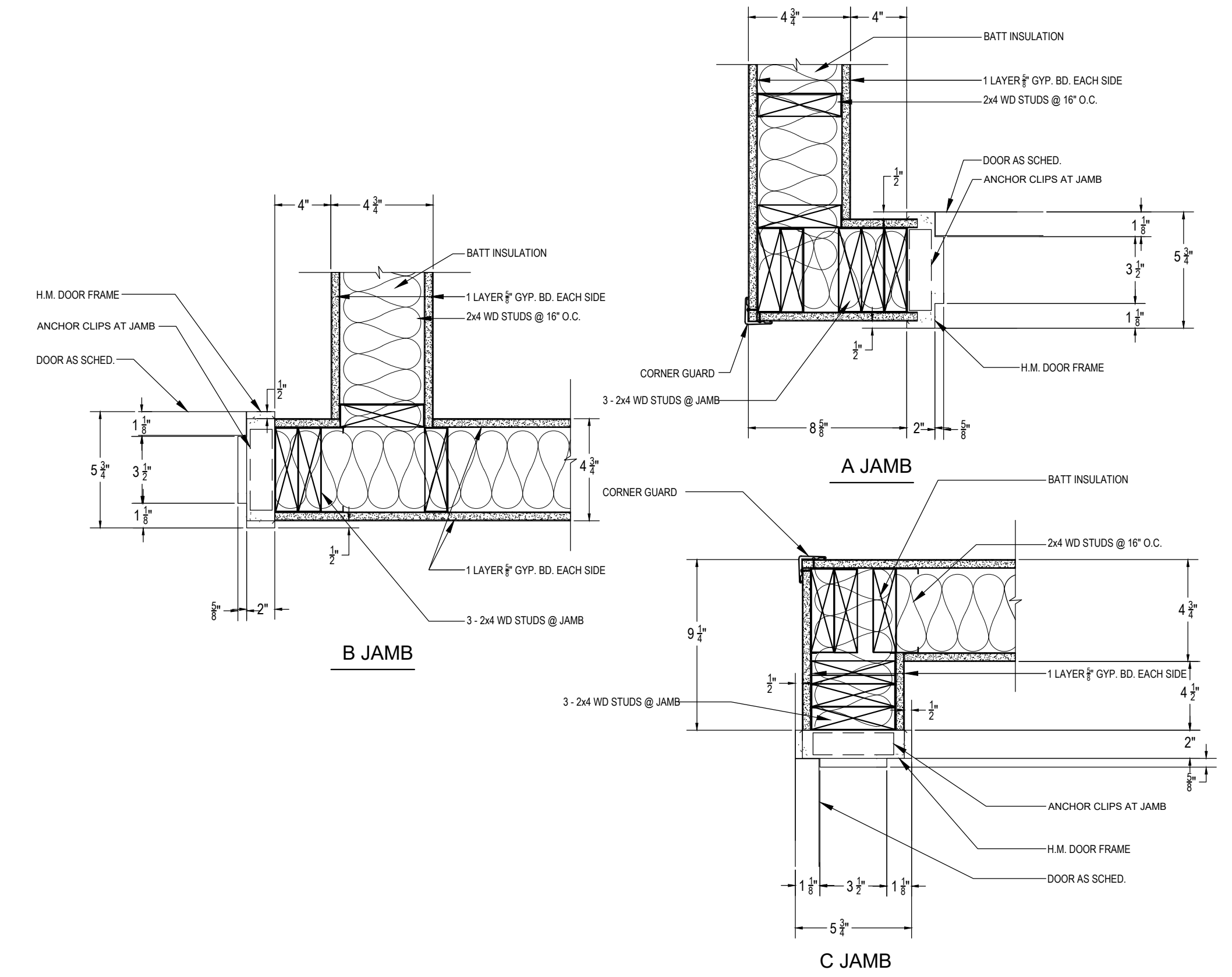
NOTE #11" ALUMINUM STOREFRONT EQUAL TO KAWNEER #451 (2" X 4 1 1/2" FRAME) V SUB-SILL @ SILLS & SUB-FRAME @ JAMBS & HEADS SET IN SEALANT W/ PLASTIC SHIMS BETWEEN STL. & ALUM. TYPICAL



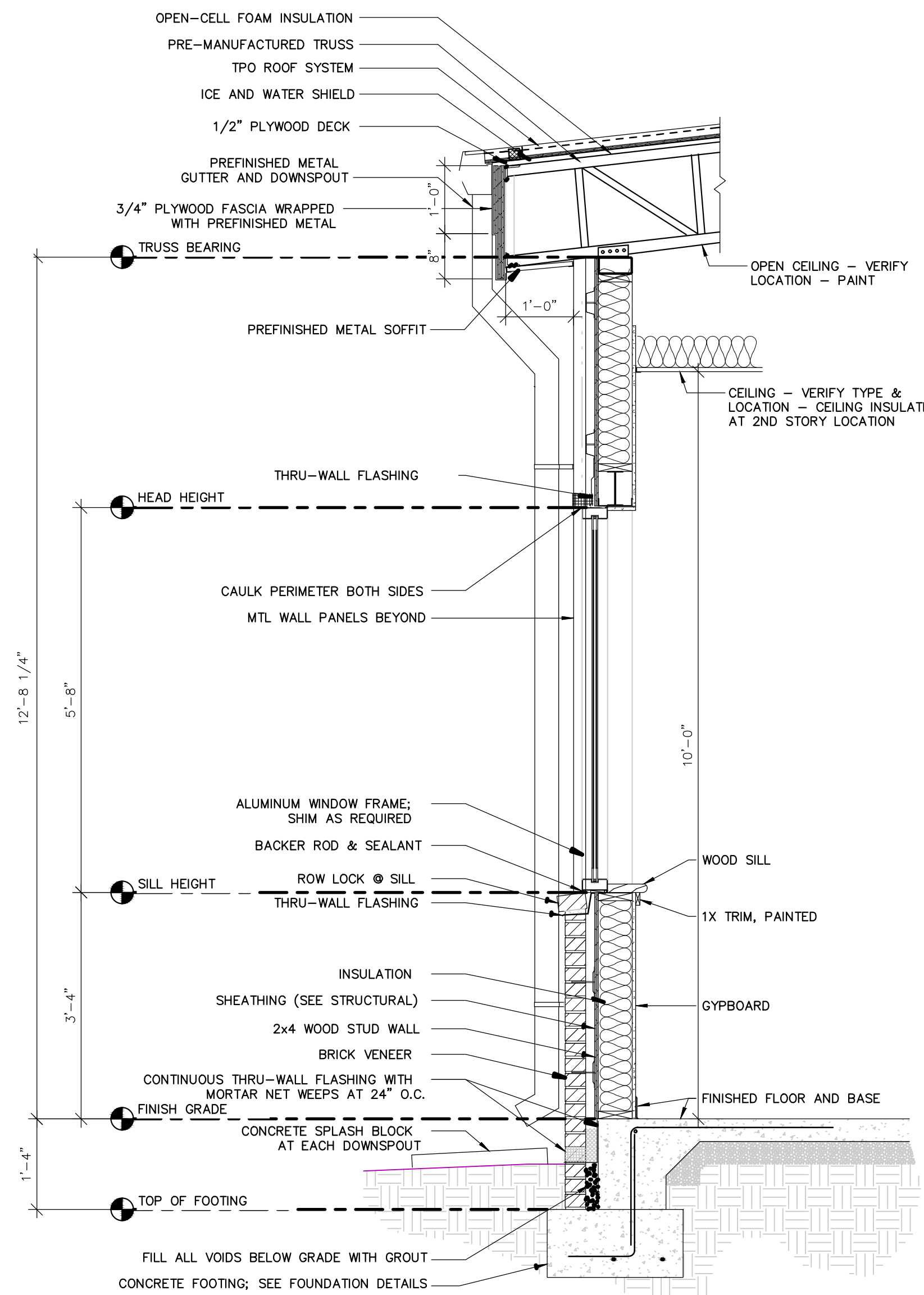
3 EXTERIOR STOREFRONT DETAILS
7'-11"0"



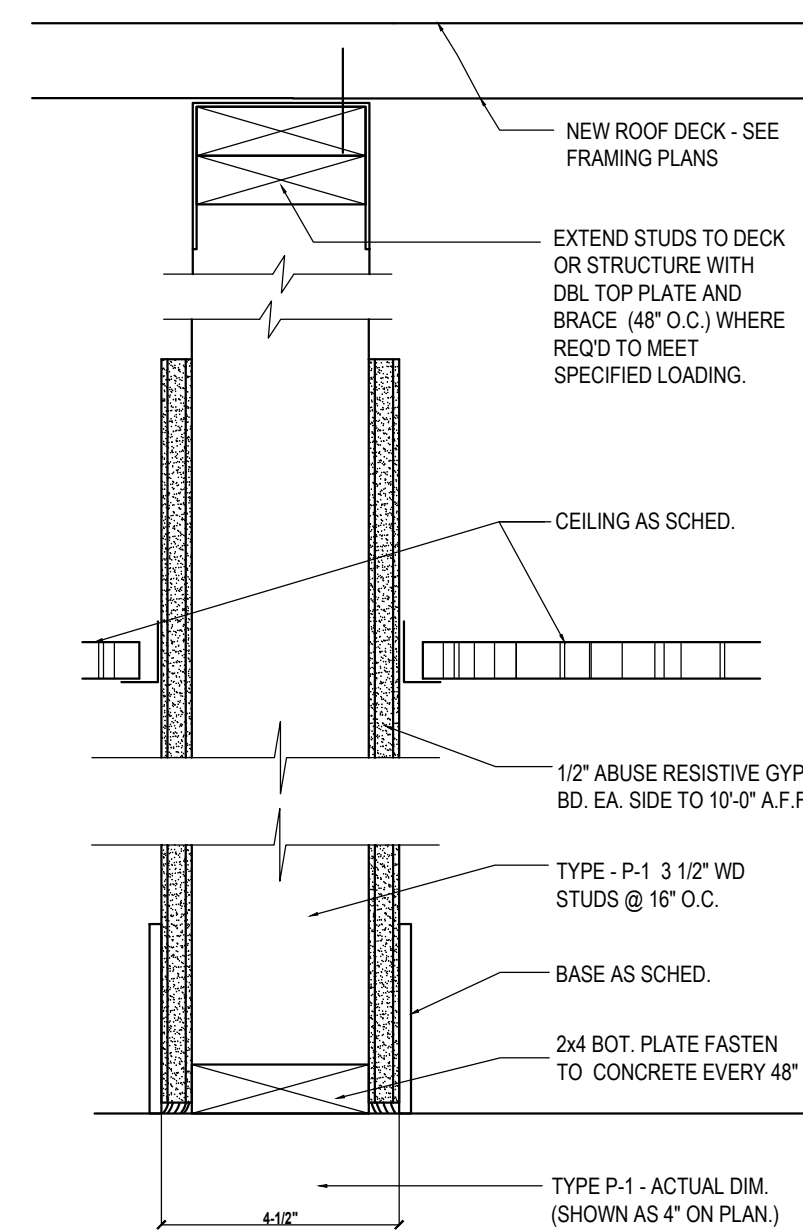
2 EXTERIOR DOOR DETAIL
7'-11"0"



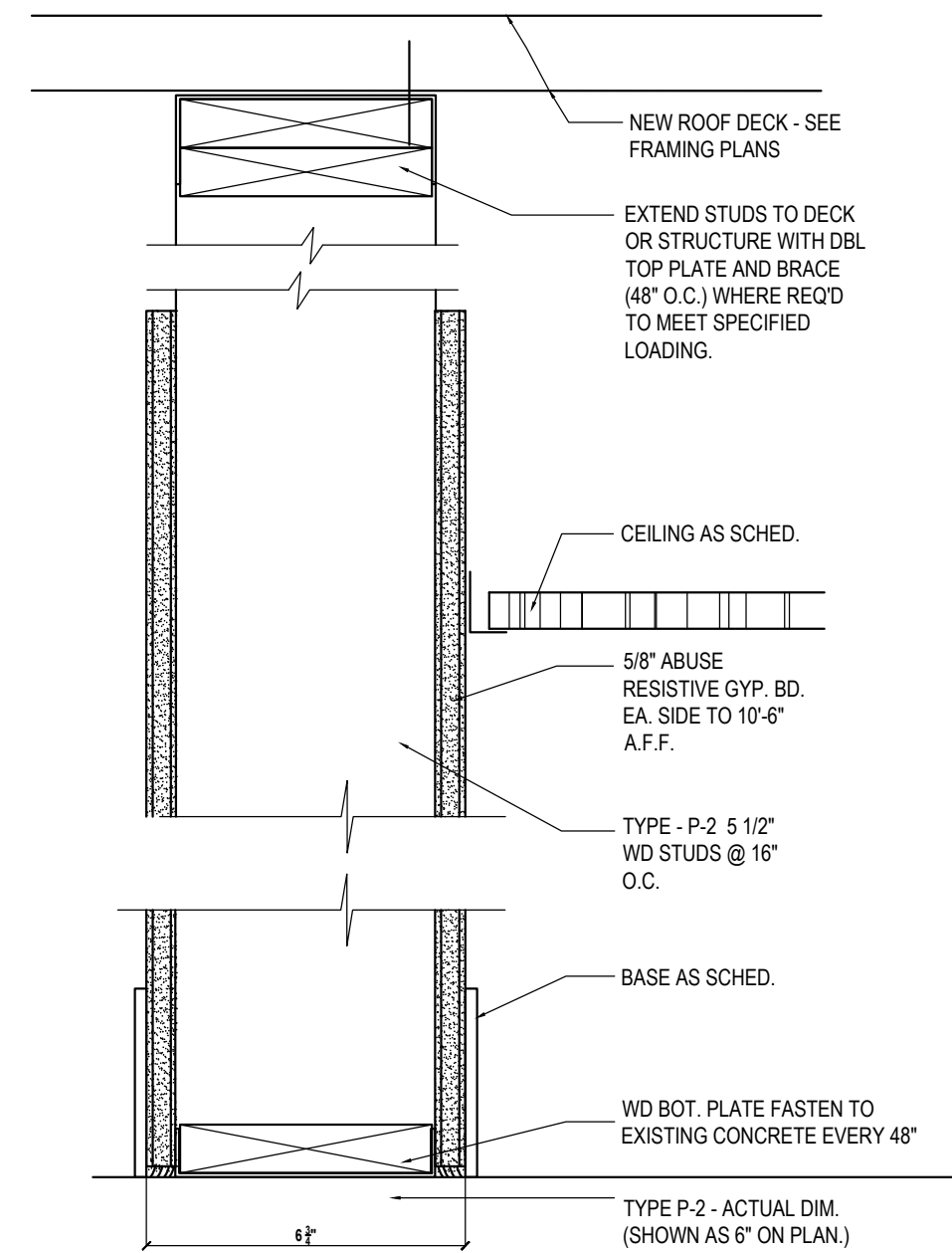
1 INTERIOR DOOR DETAIL
7'-11"0"



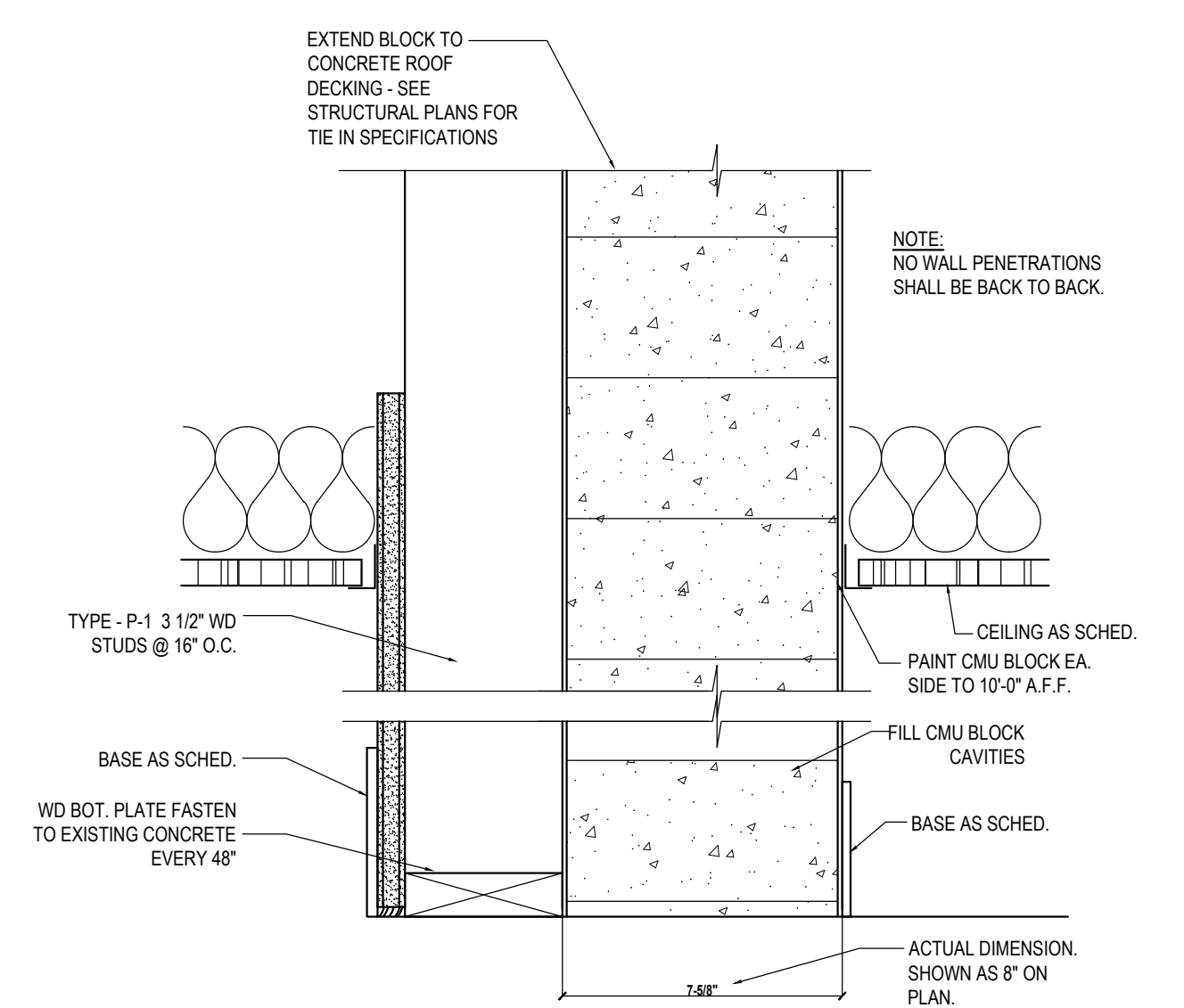
5 TYP. WALL SECTION
NTS



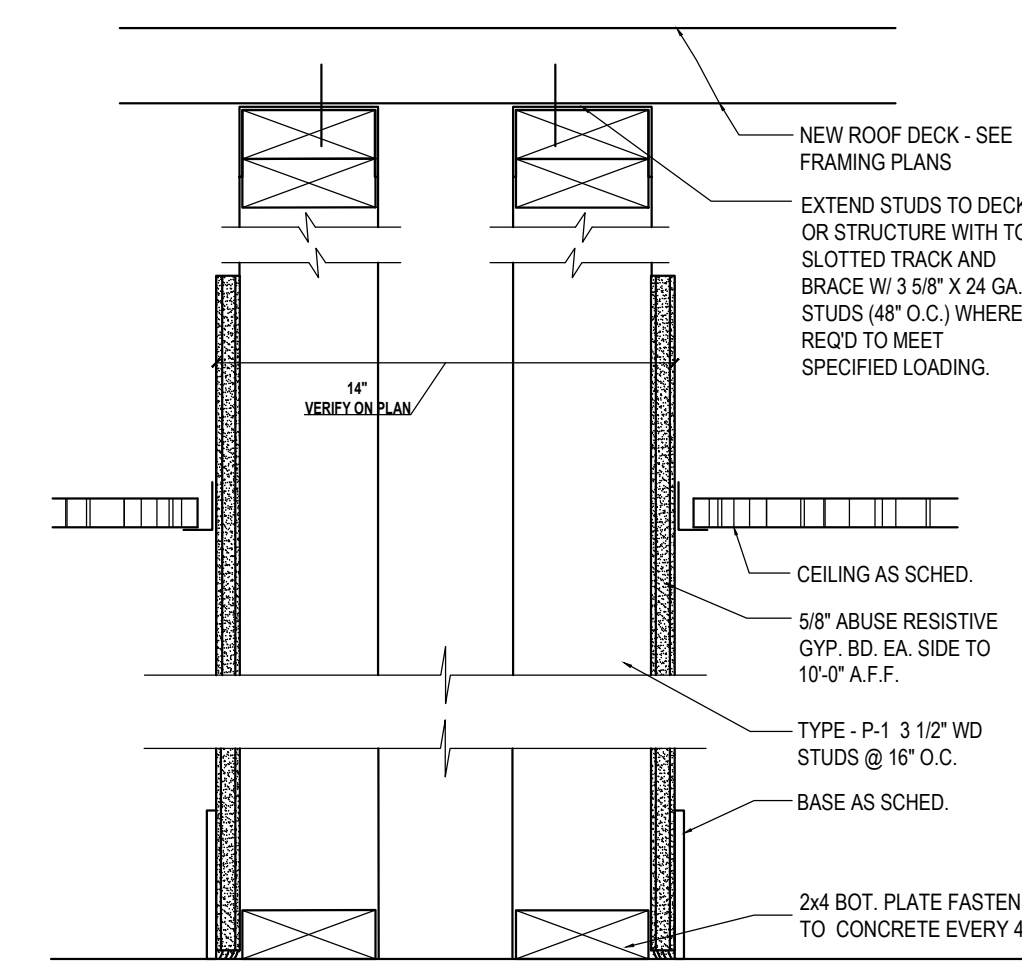
P-4: PLUMBING PARTITION
NTS



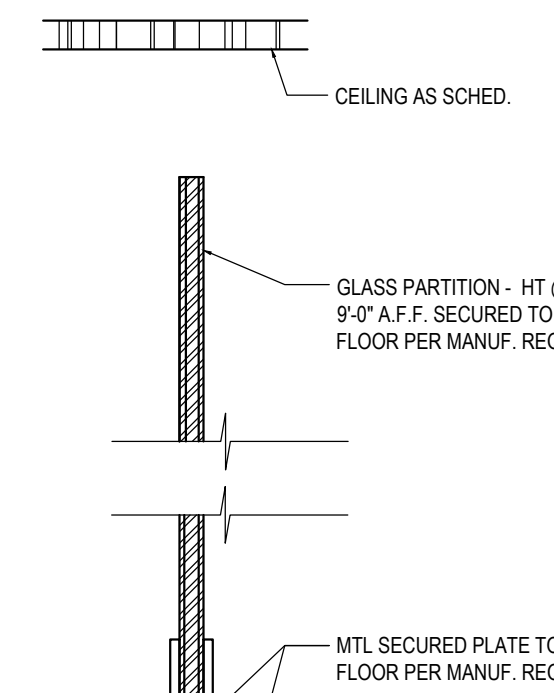
P-2: PARTITION
NTS

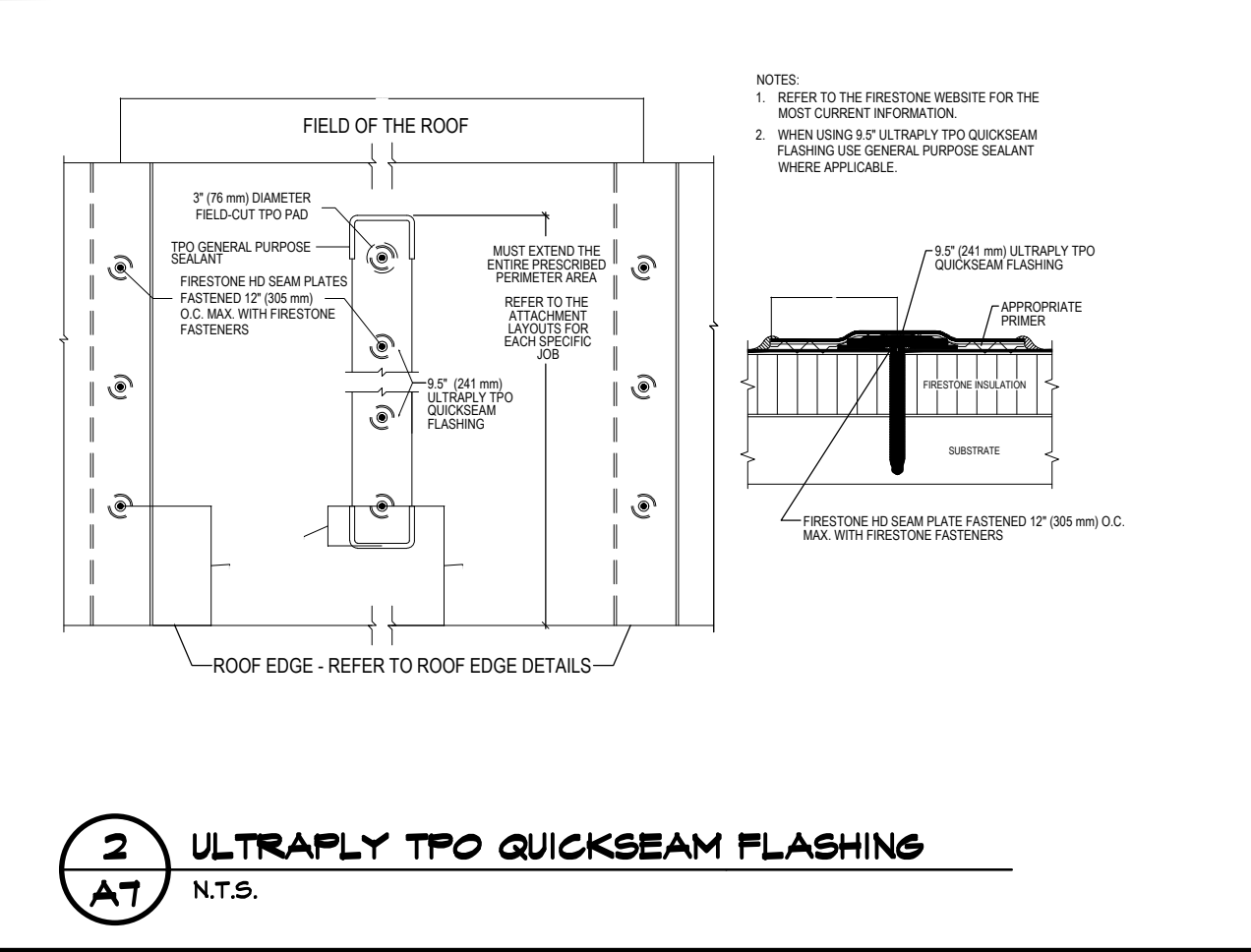
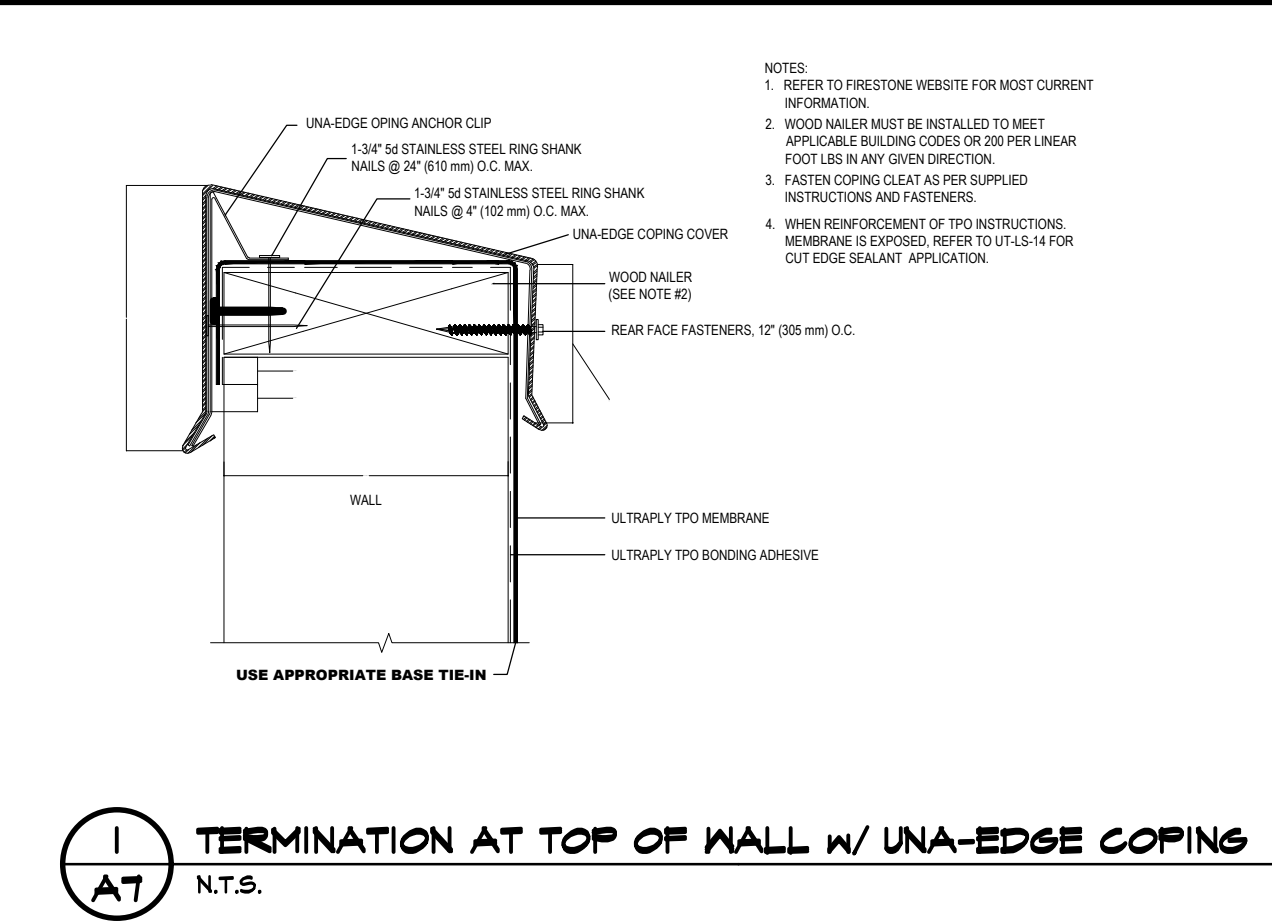
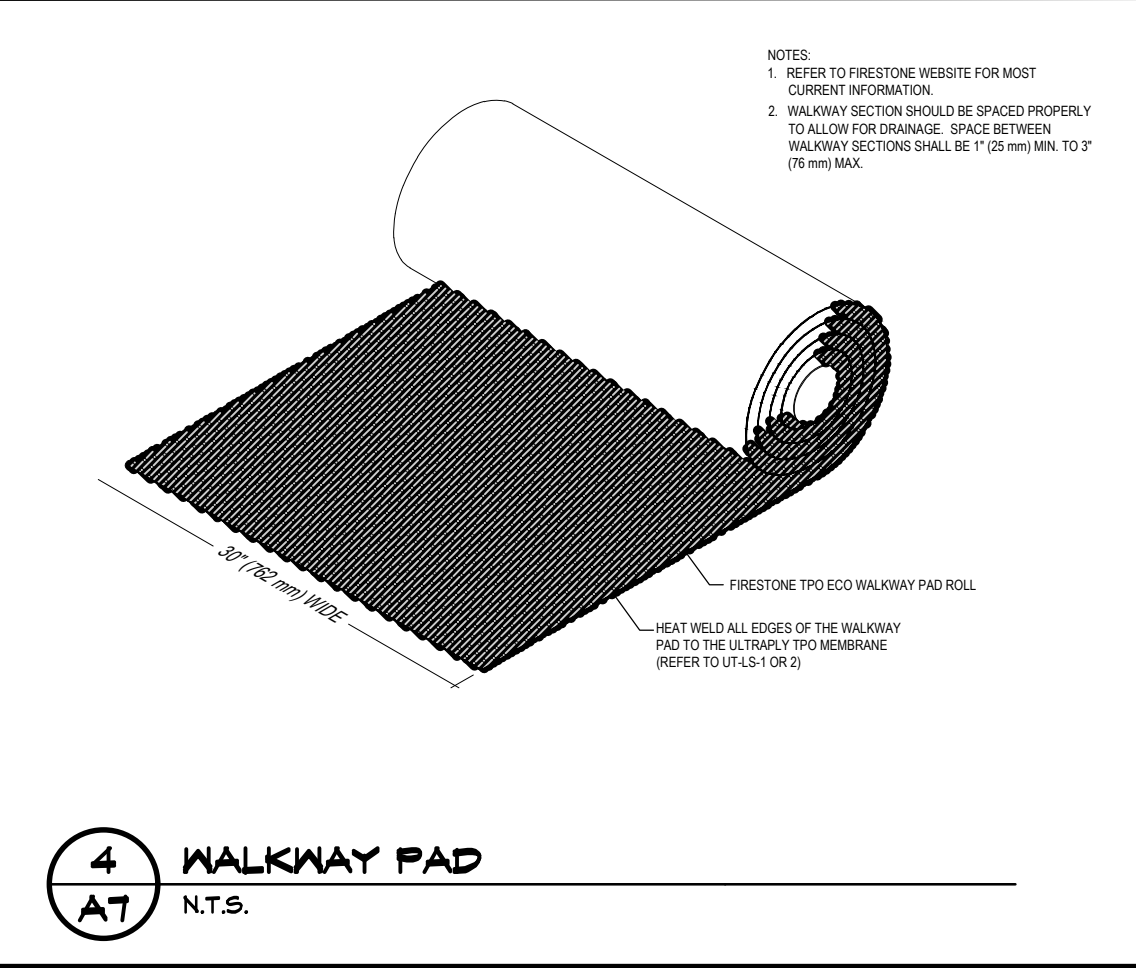
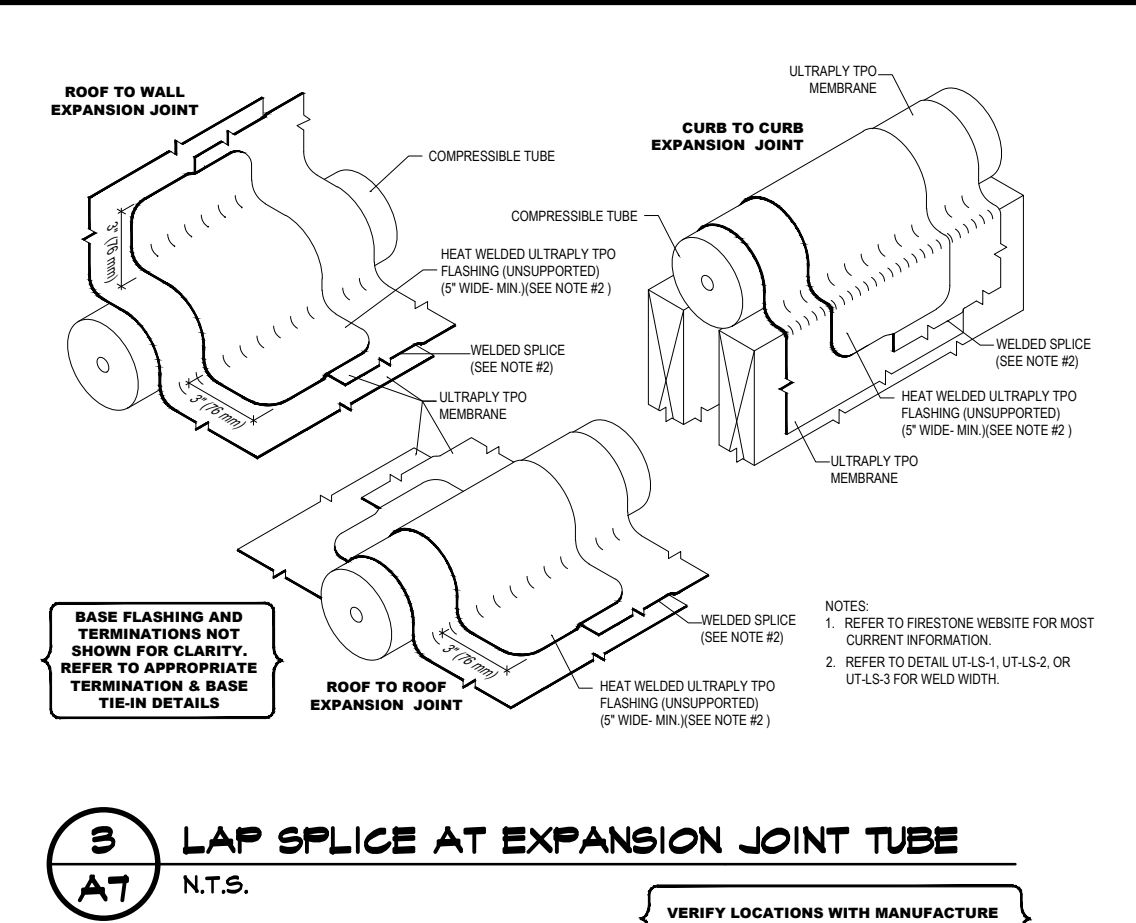
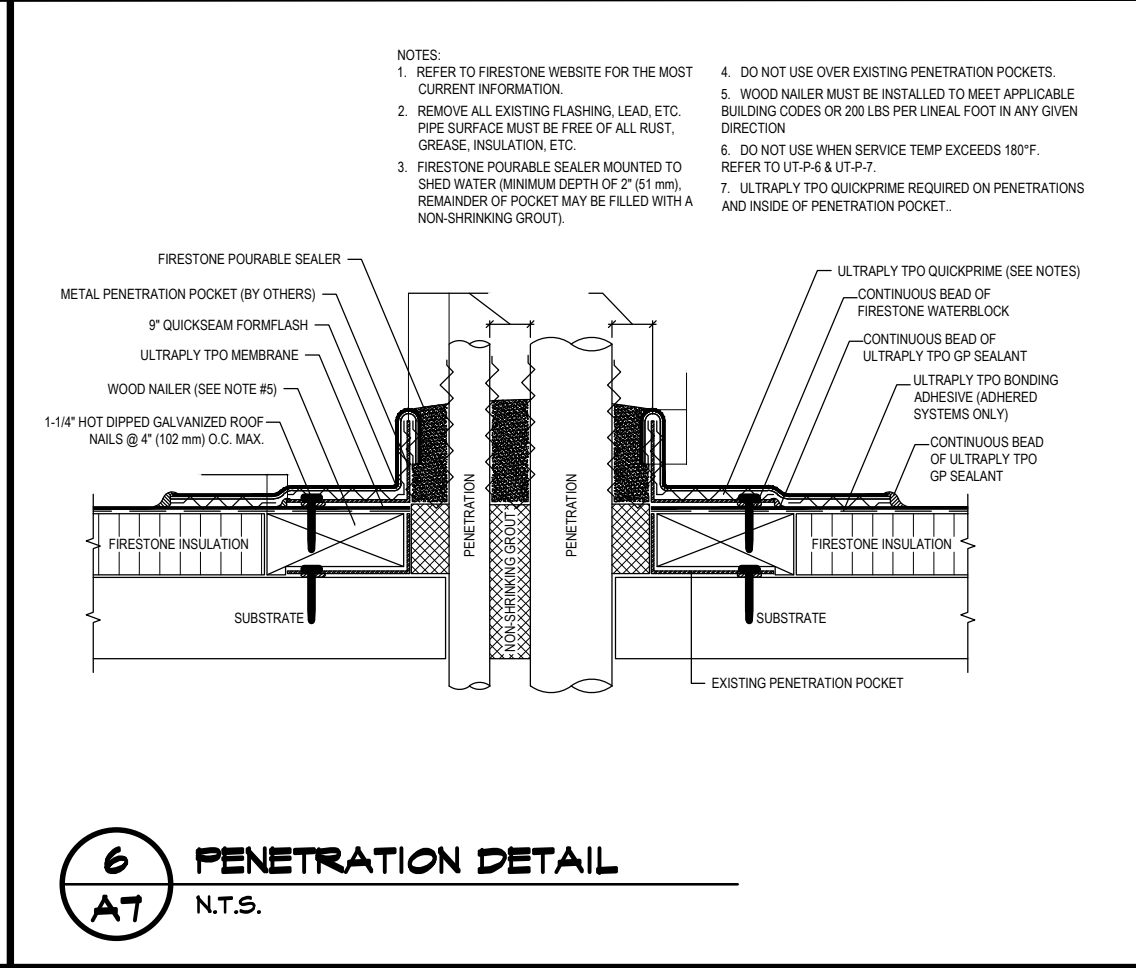
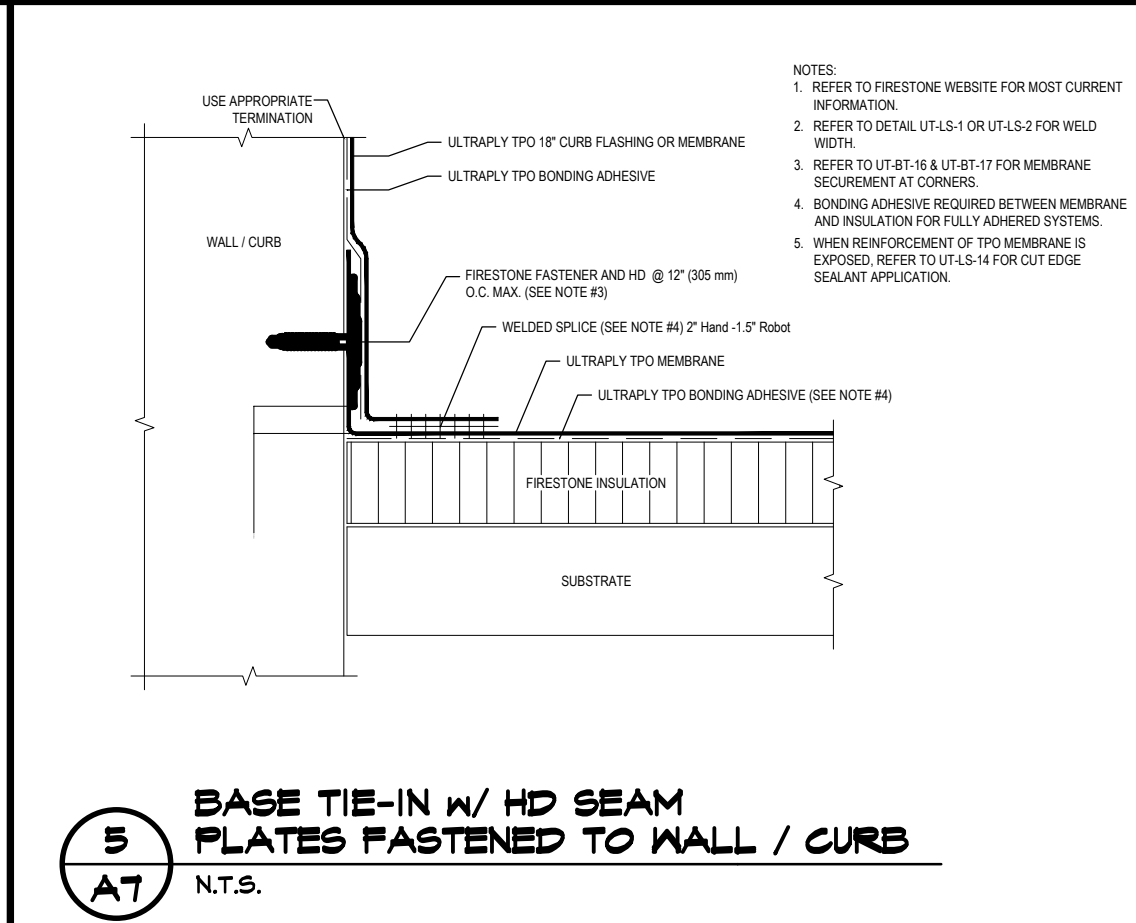
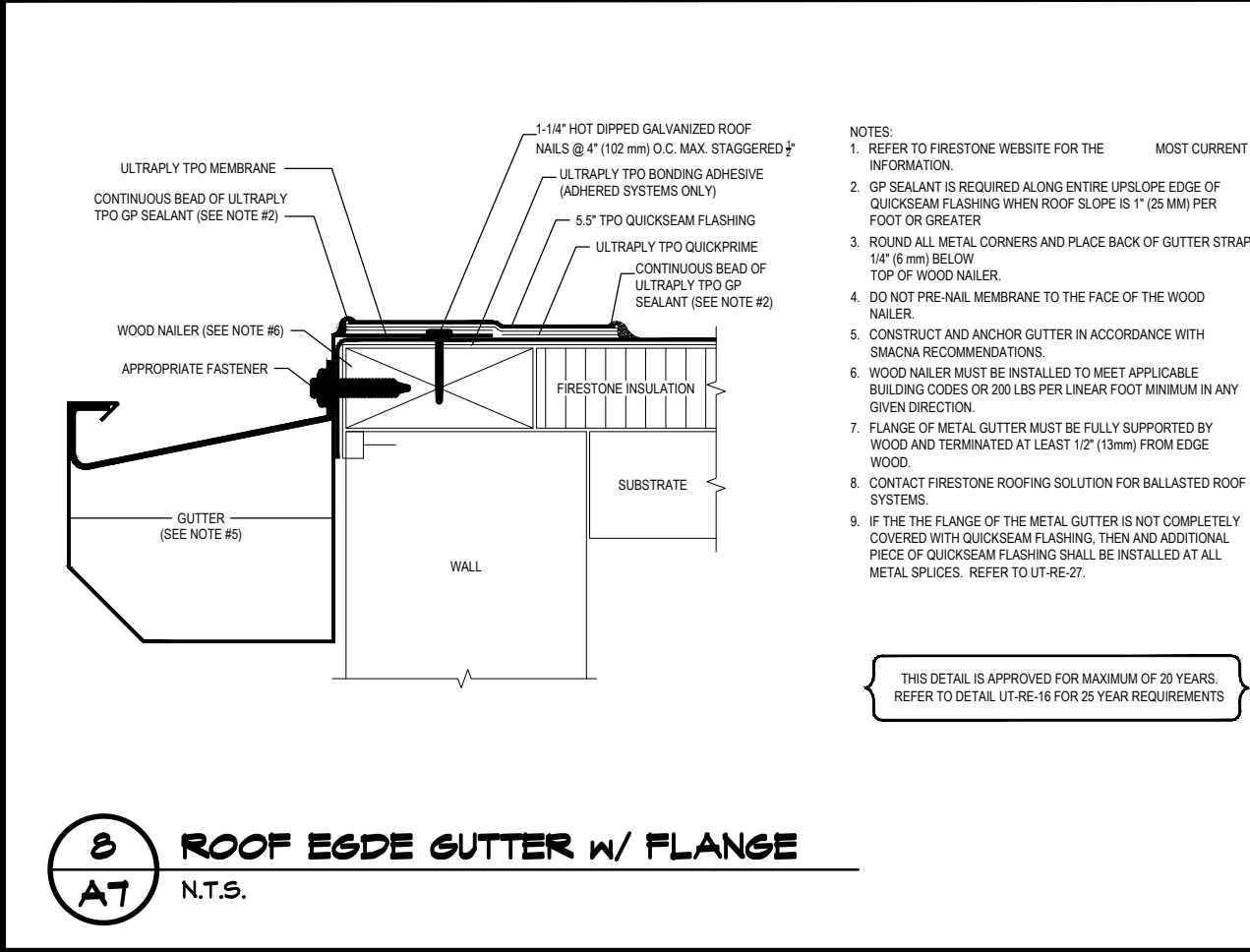
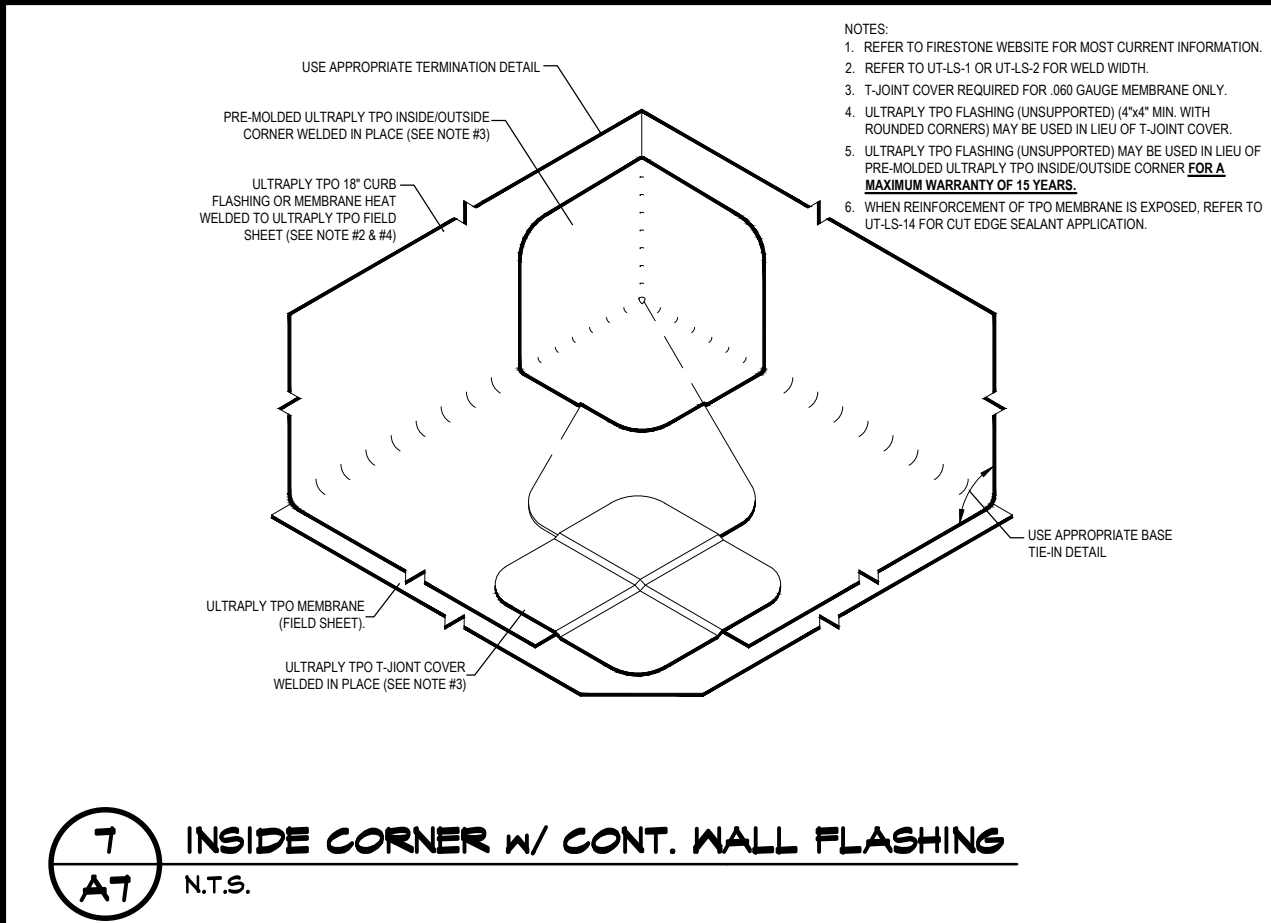


P-3: SAFEROOM PARTITION
NTS

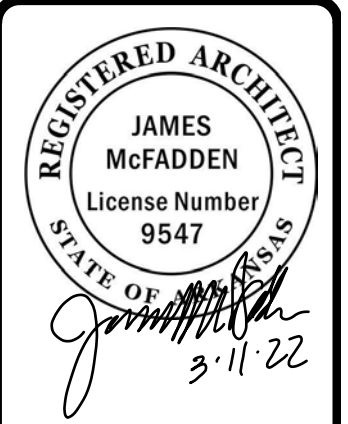
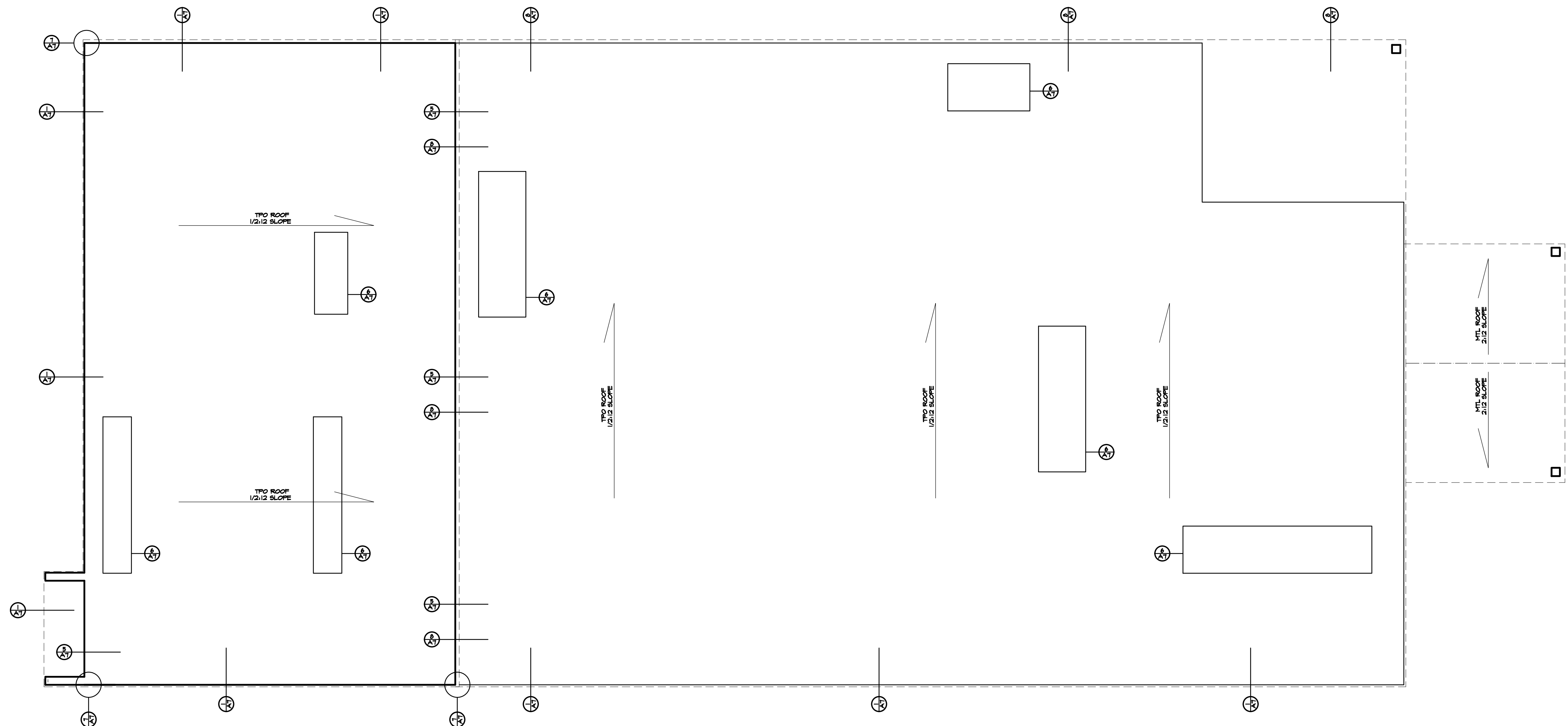


P-5: GLASS PREFAB PARTITION
NTS





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

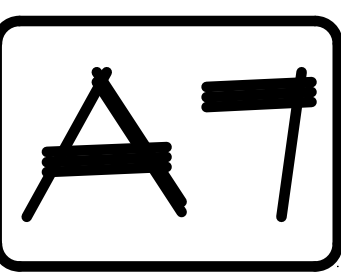


ROOF PLAN / TPO DETAILS

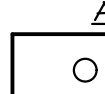
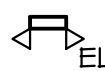
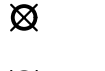
NEW FACILITY FOR
TIGER COMMISSARY
111 WASHINGTON AVE
JONESBORO, AR 72401

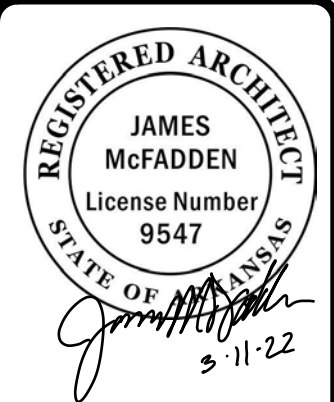
COMM. NO.: 91521
DATE: 9/11/2022
FILE:
PLOT:

MORTIN DESIGN SERVICES, LLC
Commercial & Residential Design Consultant
870-234-4054
bmortin.mds@gmail.com



GENERAL NOTES EGRESS PLAN	
MARK	DESCRIPTION
1.	"LARSEN" MODEL NO. G-2404-6R RATED SEMI-RECESSED CABINET w/ MP10 DRY CHEMICAL FIRE EXTINGUISHER - MOUNT 48" AFF TO HANDLE - 75' MAX TRAVEL DISTANCE BETWEEN EXTINGUISHERS - SEE DETAIL 1/A1
2.	ALL EXTERIOR DOORS TO BE 3'-0"x1'-0" UNLESS OTHERWISE NOTED
3.	EXTERIOR FIRE KNOCK BOX - LOCATION VERIFY w/ FIRE MARSHALL
4.	FIRE ALARM SYSTEM - DESIGNED BY OTHERS IN ACCORDANCE w/ AFPC 2012 - TURNED IN SEPARATELY TO FIRE MARSHALL
5.	SPRINKLER SYSTEM - DESIGNED BY OTHERS IN ACCORDANCE w/ AFPC 2012 - TURNED IN SEPARATELY TO FIRE MARSHALL
6.	"LARSEN" MODEL NO. G-2712-RM RATED SEMI-RECESSED CABINET w/ C1010 CARBON DIOXIDE FIRE EXTINGUISHER- HANDLE TO BE 48" AFF - SEE DETAIL 1/A1

SYMBOL LEGEND	
	EMER. LIGHT FIXTURE
	EMERGENCY LIGHT
	EXIT LIGHT
	EXIT LIGHT w/ DIRECTION
	FIRE EXTINGUISHER - SEE NOTES FOR TYPE

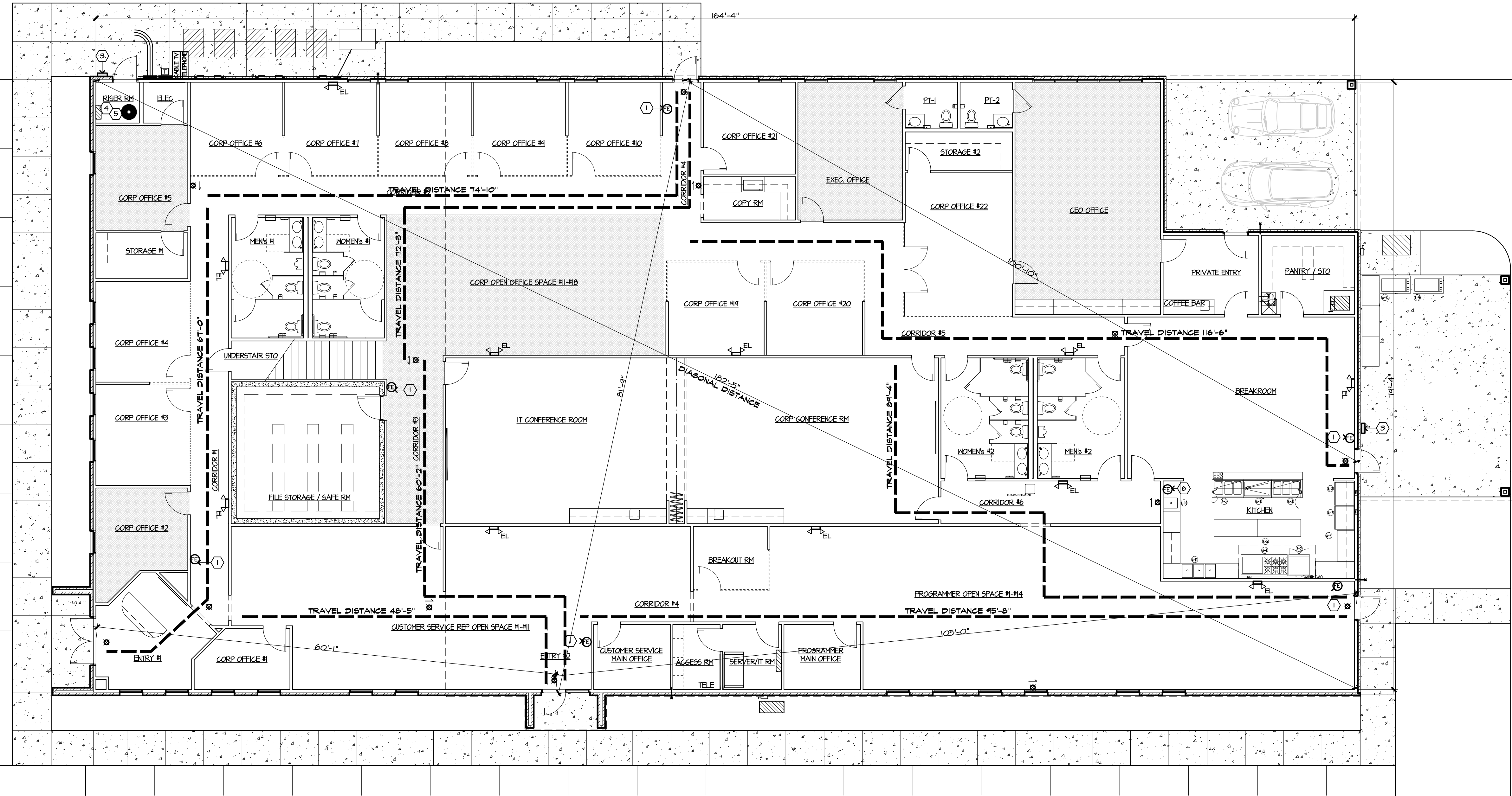
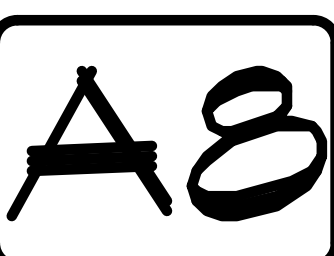
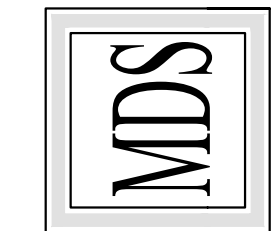


FIRE EGRESS PLAN - FIRST FLOOR
NOTES, SCHEDULES, & DETAILS

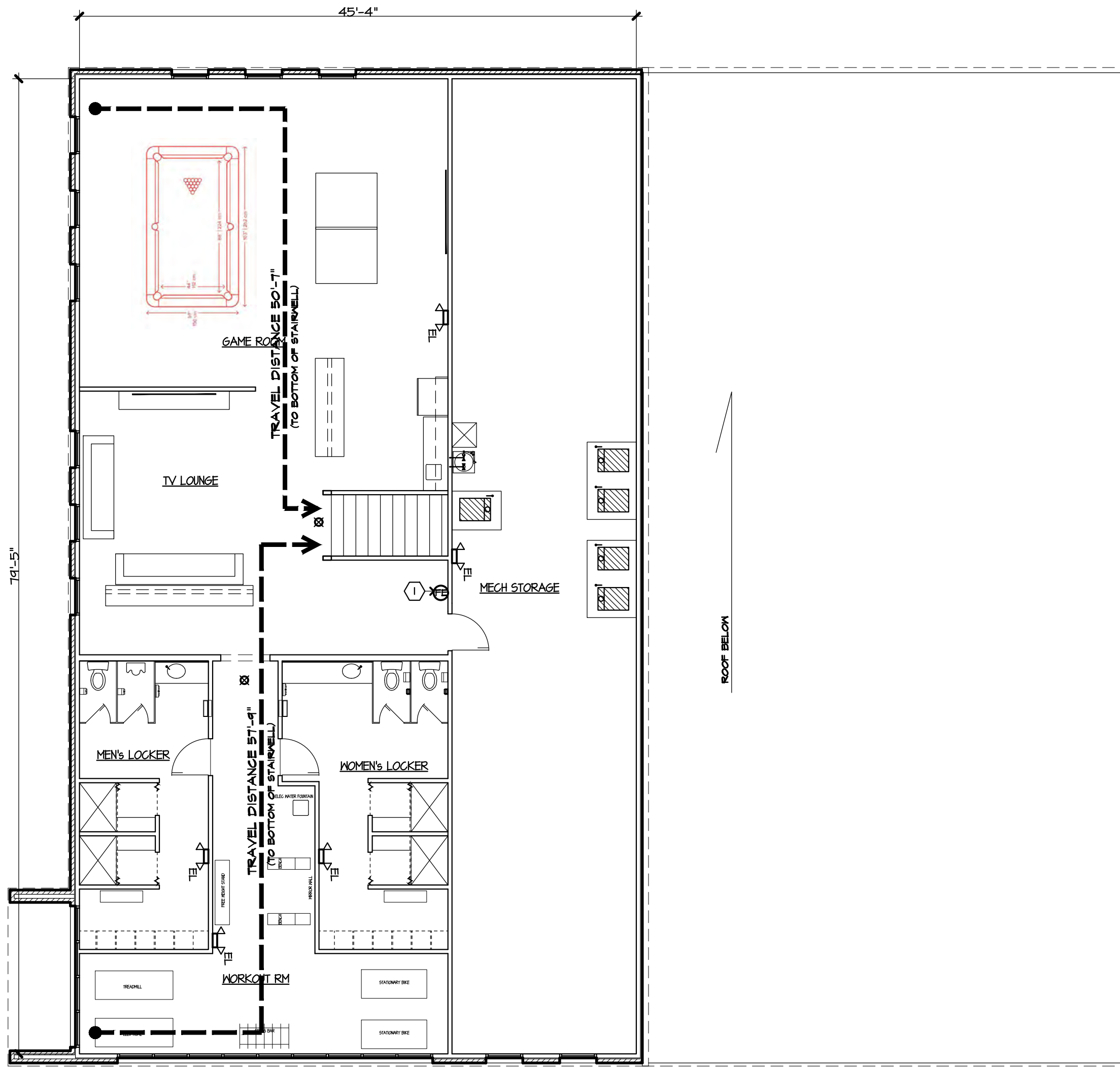
NEW FACILITY FOR:
TIGER COMMISSARY
111 WASHINGTON AVE
JONESBORO, AR 72401

COMM. NO.: 91521
DATE: 3/11/2022
FILE:
PLOT:

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Commercial & Residential Drafting Consultant
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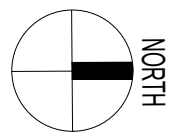


1 FIRE EGRESS PLAN - FIRST FLOOR
1/8"=1'-0"



1 FIRE EGRESS PLAN - SECOND FLOOR
1/8"=1'-0"

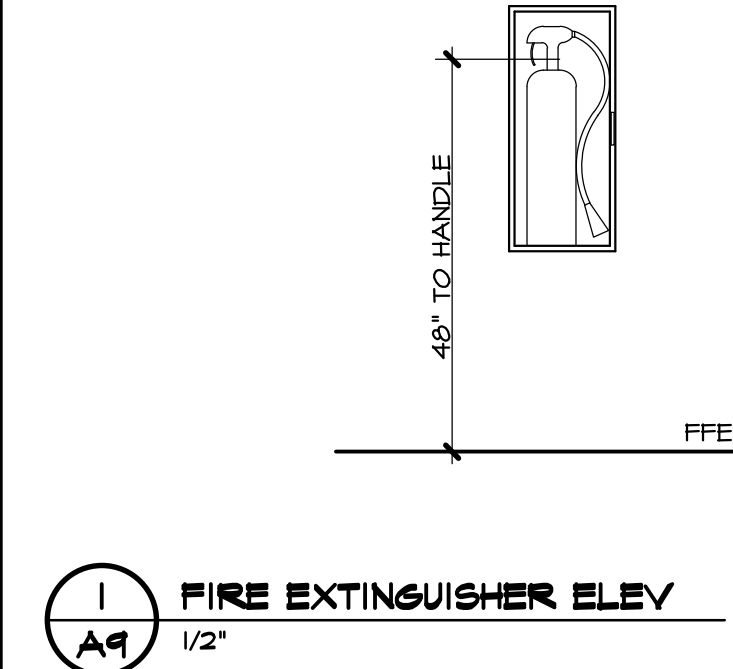
2 4 5



0 4' 8' 16'
SCALE: 1/8" = 1'-0"

GENERAL NOTES EGRESS PLAN	
MARK	DESCRIPTION
1.	"LARSEN" MODEL NO. 6-2404-6R RATED SEMI-RECESSED CABINET w/ MF10 DRY CHEMICAL FIRE EXTINGUISHER - MOUNT 48" AFF TO HANDLE - 75' MAX TRAVEL DISTANCE BETWEEN EXTINGUISHERS - SEE DETAIL 1/A9
2.	ALL EXTERIOR DOORS TO BE 3'-0"x7'-0" UNLESS OTHERWISE NOTED
3.	EXTERIOR FIRE KNOCK BOX - LOCATION VERIFY w/ FIRE MARSHALL
4.	FIRE ALARM SYSTEM - DESIGNED BY OTHERS IN ACCORDANCE w/ AFPC 2012 - TURNED IN SEPARATELY TO FIRE MARSHALL
5.	SPRINKLER SYSTEM - DESIGNED BY OTHERS IN ACCORDANCE w/ AFPC 2012 - TURNED IN SEPARATELY TO FIRE MARSHALL
6.	"LARSEN" MODEL NO. 6-2712-RM RATED SEMI-RECESSED CABINET w/ CO10 CARBON DIOXIDE FIRE EXTINGUISHER- HANDLE TO BE 48" AFF - SEE DETAIL 1/A9

SYMBOL LEGEND	
	EMER. LIGHT FIXTURE
	FIRE EXTINGUISHER - SEE NOTES FOR TYPE
	EMERGENCY LIGHT
	EXIT LIGHT
	EXIT LIGHT w/ DIRECTION



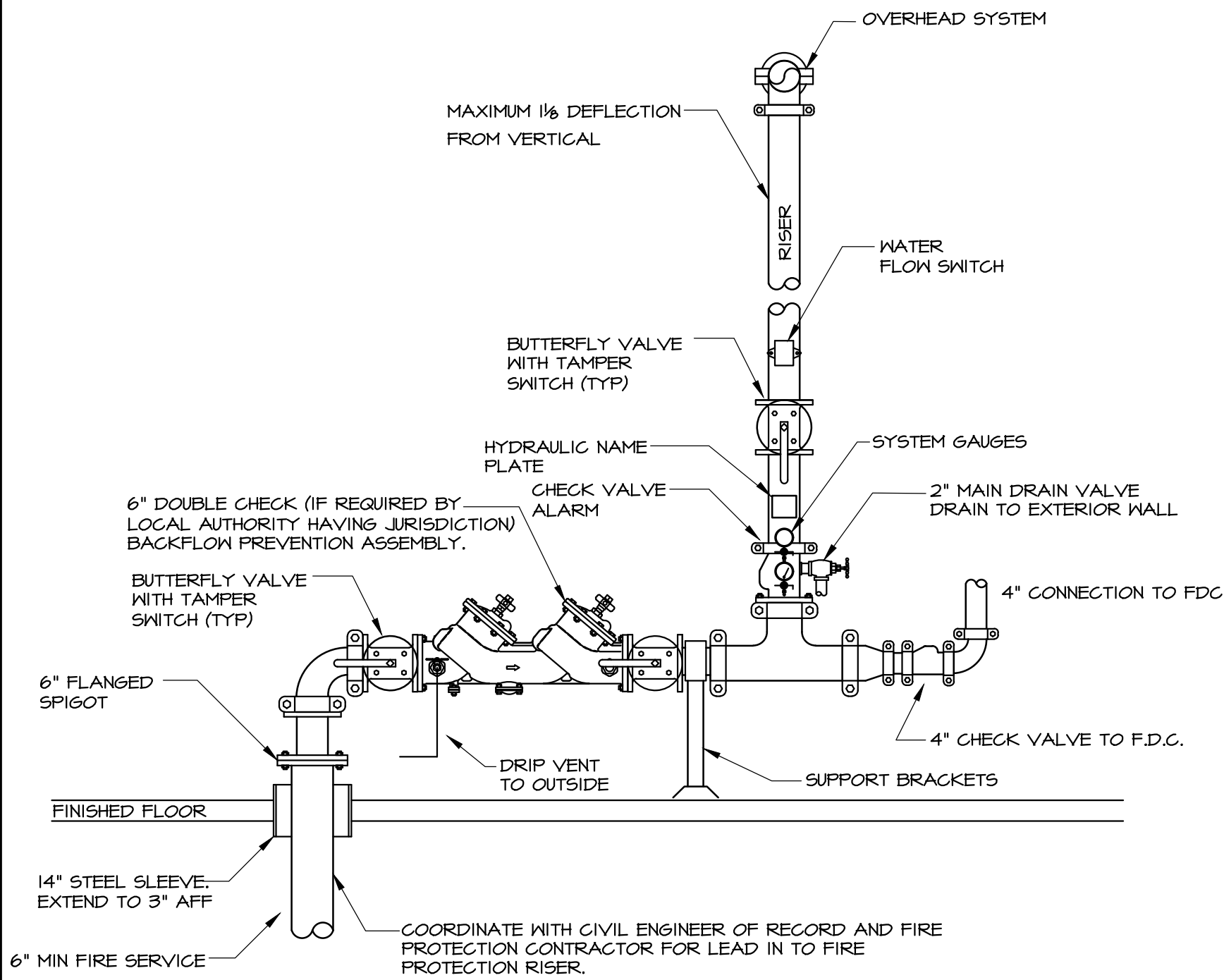
GENERAL NOTES:

THE CONTRACTOR FOR THE FIRE PROTECTION WORK SHALL BE A RECOGNIZED, QUALIFIED AND LICENSED FIRE PROTECTION CONTRACTOR. THE FIRE PROTECTION WORKING DRAWINGS SHALL BE SUBMITTED TO THE STATE INSPECTION SERVICE, LOCAL GOVERNING AUTHORITIES, HAVING JURISDICTION AND TO THE OWNER'S FIRE INSURANCE UNDER WRITER'S FOR REVIEW, APPROVALS AND PERMITS.

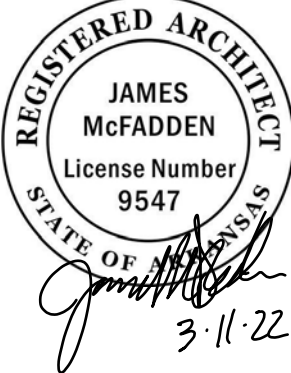
THIS DRAWING IS FOR REFERENCES PURPOSE ONLY. THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL DESIGN OF THE SPRINKLER SYSTEM AND ITS CONFORMANCE TO NFPA 13 AND ANY LOCAL CODE REQUIREMENTS. THE FIRE PROTECTION CONTRACTOR SHALL INCLUDE ALL NEEDED OFFSETS, CHANGES IN DIRECTION, TRANSITIONS, ETC., NEEDED FOR COMPLETE AND OPERATIONAL SYSTEMS.

THE CONTRACTOR WILL VISIT THE SITE AND BE FAMILIAR WITH SITE CONDITIONS. NO EQUIPMENT OR MATERIAL IS TO BE ORDERED OR FABRICATED PRIOR TO FIELD VERIFICATION OF ALL MEASUREMENTS, CLEARANCES, POTENTIAL CONFLICTS WITH EXISTING CONDITIONS OR THAT OF OTHER TRADES ON THE JOB.

PERFORM ALL WORK IN ACCORDANCE WITH THE RULES & REGULATIONS OF THE APPROPRIATE STATE AND LOCAL BUILDING CODES AND SUBTITLES.



2 NET-PIPE FIRE SPRINKLER RISER DETAIL
N.T.S.

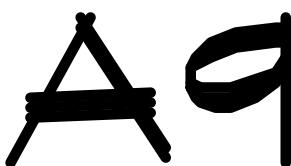


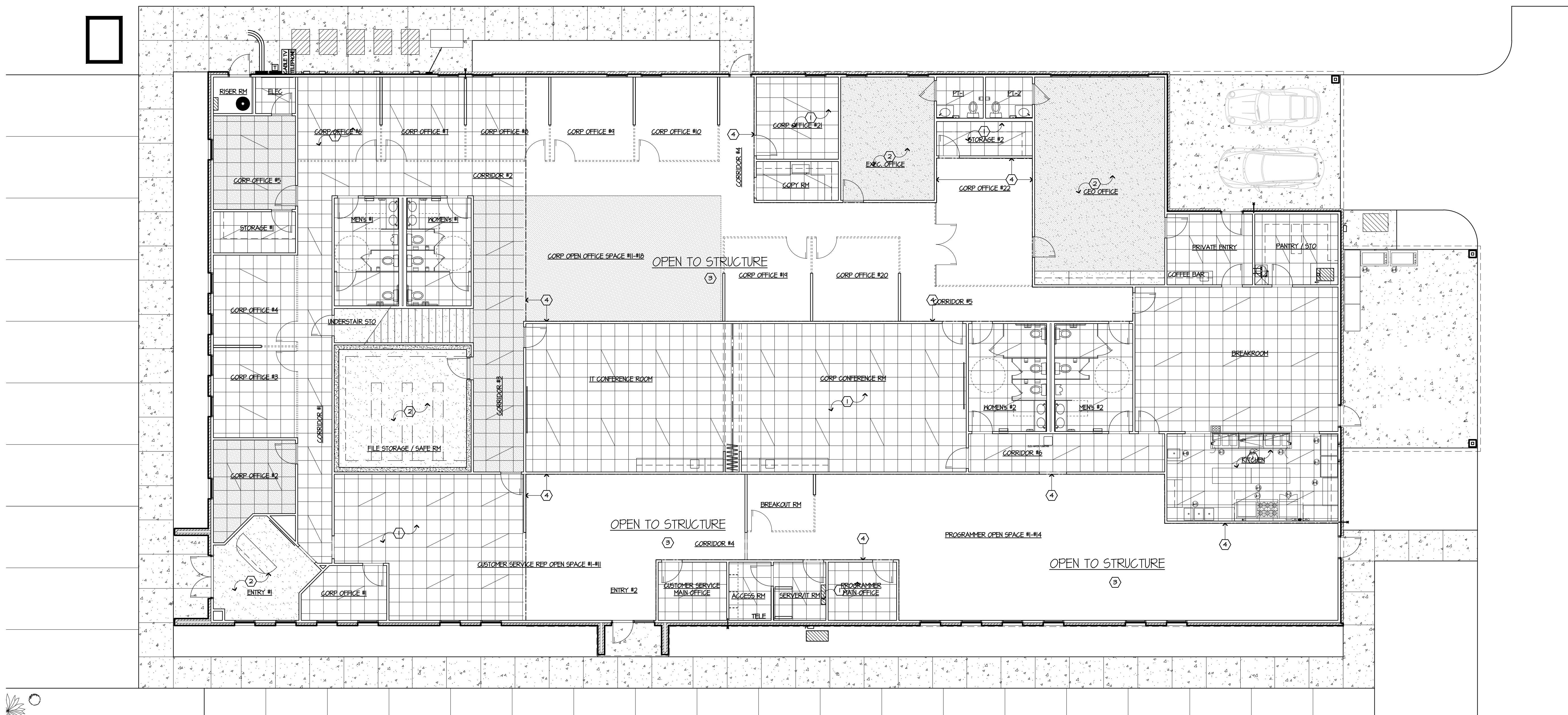
FIRE EGRESS PLAN - SECOND FLOOR
NOTES, SCHEDULES, & DETAILS

NEW FACILITY FOR:
TIGER COMMISSARY
N. WASHINGTON AVE
JONESBORO, AR 72401
COMM. NO.: 41521
DATE: 3/11/2022
FILE:
PLOT:

MORTIN DESIGN SERVICES, LLC
Commercial & Residential Drafting Consultant
870-284-4054
bmortin.mds@gmail.com

MDS

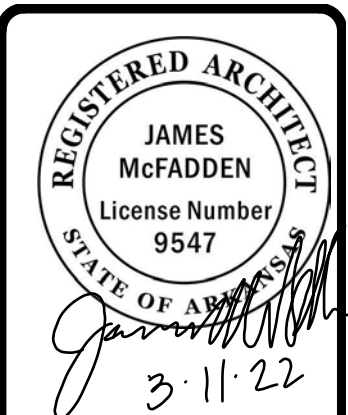




1 REFLECTED CEILING PLAN - FIRST FLOOR
1/8"=1'-0"



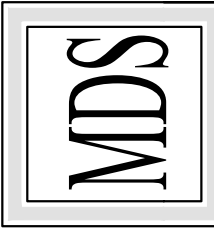
GENERAL NOTES CEILING PLAN	
MARK	DESCRIPTION
1	ACOUSTICAL CEILING TO MEET REQ OF "SEISMIC" DESIGN CRITERIA"
2	SHEETROCK CEILING VERIFY TYPE WILL ROOM FINISHES
3	CEILING OPEN TO ROOF DECK - TO BE PAINTED - VERIFY COLOR W/ OWNER
4	THIS WALL EXTEND TO ROOF DECK
5	SEE MECHANICAL, PLUMBING, ELECTRICAL, AND KITCHEN EQUIPMENT PLANS FOR ROOF PENETRATIONS RELATED TO RESPECTIVE DISCIPLINES
6	VERIFY LIGHTING LAYOUT - COORDINATE W/ HVAC PLANS & ELECTRICAL LIGHTING PLANS
SYMBOL LEGEND	
----- EXTEND WALL CONSTRUCTION TO OVERHEAD CEILING STRUCTURE	



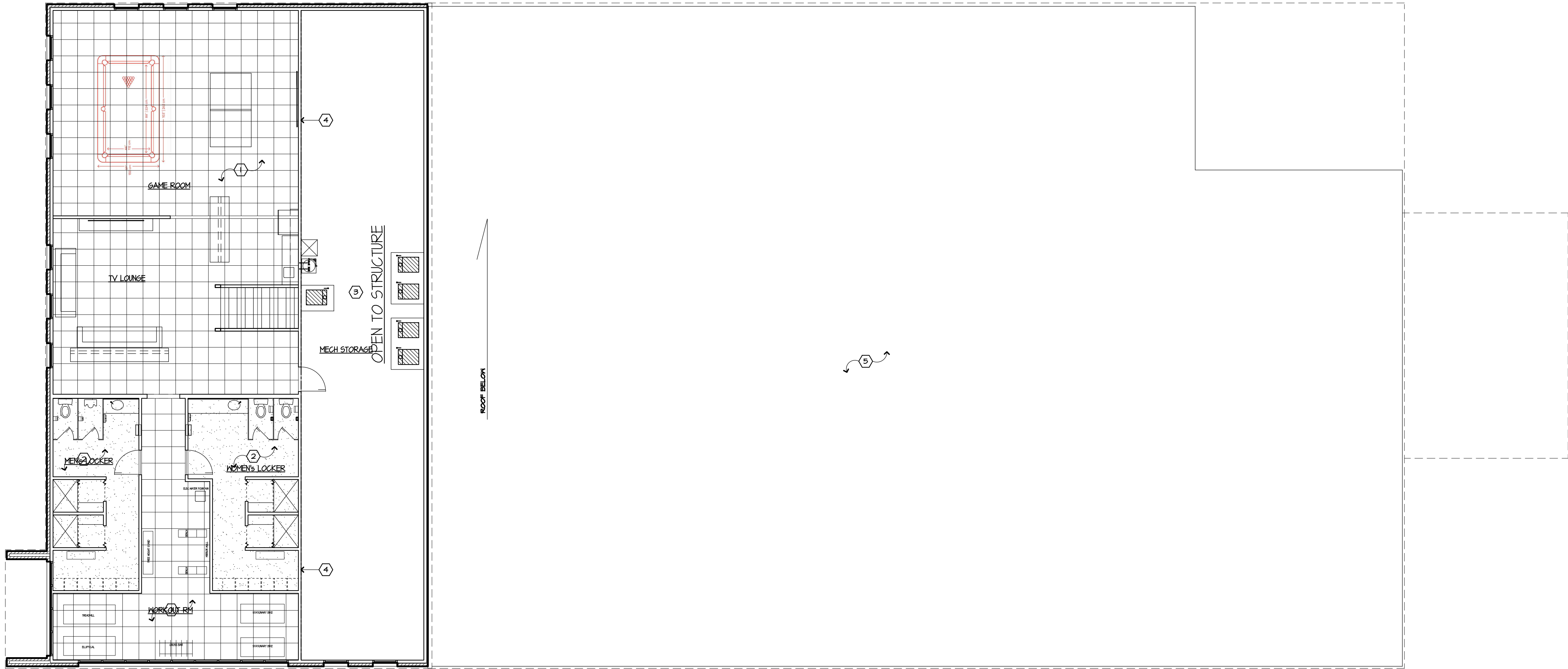
REFLECTED CEILING PLAN - FIRST FLOOR
NOTES, SCHEDULES, & DETAILS

NEW FACILITY FOR:
TIGER COMMISSARY
11 WASHINGTON AVE
JONESBORO, AR 72401
COMM. NO.: 91521
DATE: 3/11/2022
FILE:
PLOT:

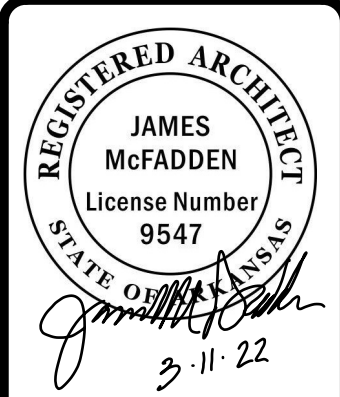
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870-284-4054
bmortin.mds@gmail.com



1 REFLECTED CEILING PLAN - SECOND FLOOR
1/8"=1'-0"



GENERAL NOTES CEILING PLAN	
MARK	DESCRIPTION
1	ACOUSTICAL CEILING TO MEET REQ OF "SEISMIC DESIGN CRITERIA"
2	SHEETROCK CEILING VERIFY LIGHTING LOCATION & TYPE W/ ELECTRICAL LIGHTING PLANS
3	VERIFY LIGHTING LAYOUT - COORDINATE W/ HVAC PLANS & ELECTRICAL LIGHTING PLANS
4	THIS WALL EXTEND TO ROOF DECK
5	SEE MECHANICAL, PLUMBING, ELECTRICAL, AND KITCHEN EQUIPMENT PLANS FOR ROOF PENETRATIONS RELATED TO RESPECTIVE DISCIPLINES
SYMBOL LEGEND	
----- EXTEND WALL CONSTRUCTION TO OVERHEAD CEILING STRUCTURE	



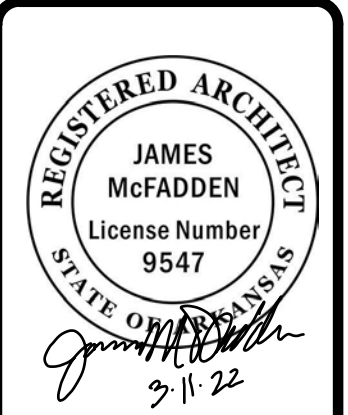
REFLECTED CEILING PLAN - SECOND FLOOR
NOTES, SCHEDULES, & DETAILS

NEW FACILITY FOR:
TIGER COMMISSARY
N. WASHINGTON AVE
JONESBORO, AR 72401
COMM. NO.: 41521
DATE: 3/11/2022
FILE:
PLOT:

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bmortin.mds@gmail.com
MDS



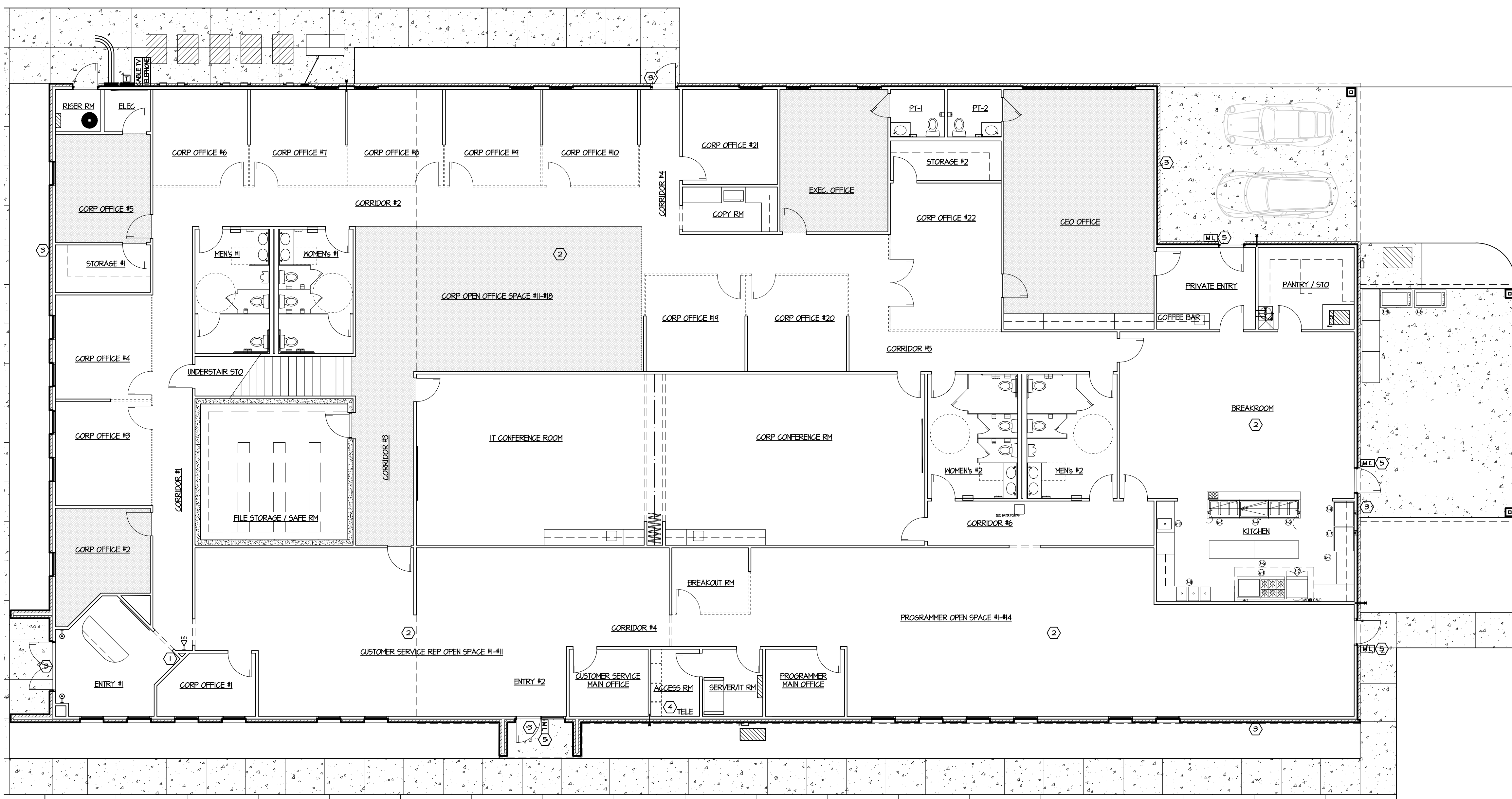
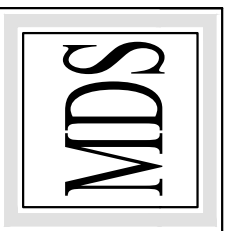
GENERAL NOTES LOW VOLTAGE	
MARK	DESCRIPTION
1	180 DEG CAMERA LOCATION - VERIFY TYP W/ OWNER PROVIDE WIRING & EQUIPMENT THIS CONTRACT
2	360 DEG CEILING MOUNTED CAMERA LOCATION - VERIFY TYP W/ OWNER PROVIDE WIRING & EQUIPMENT THIS CONTRACT
3	180 DEG EXTERIOR CAMERA LOCATION - DAYLIGHT/NIGHT - VERIFY TYPE W/ OWNER - PROVIDE WIRING & EQUIPMENT THIS CONTRACT
4	LOCATION FOR ON-SITE VIDEO STORAGE DEVICE OR NETWORK VIDEO RECORDER - VERIFY EQUIPMENT W/ OWNER
5	SEE ELECTRICAL POWER PLANS FOR REF - PROVIDE WIRING & EQUIPMENT AT MARKED DOORS THIS CONTRACT
SYMBOL LEGEND	
ML	MAGLOCK
MB	BELL / CHIME
MB	CHIME MOTION SENSOR



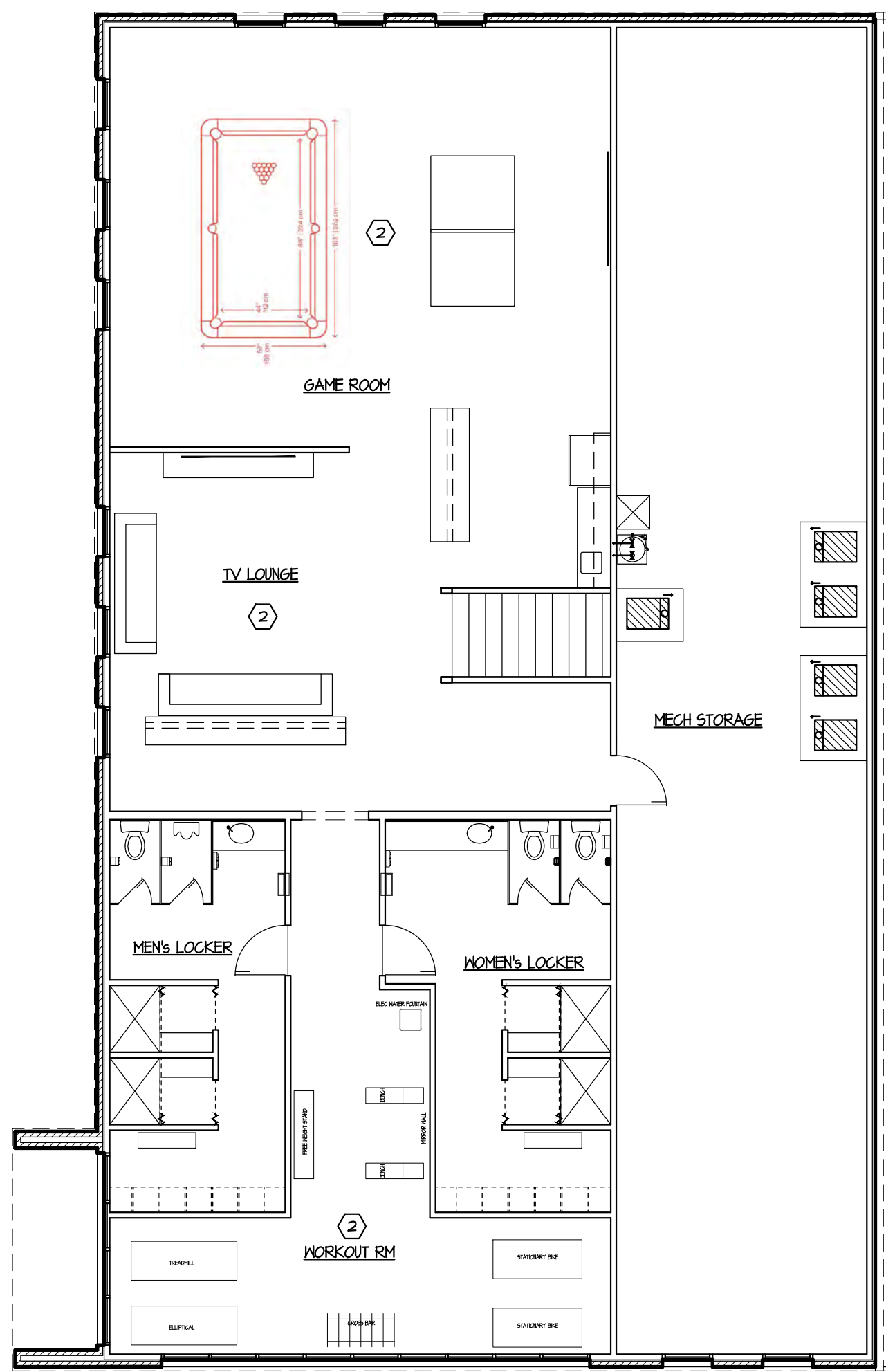
SECURITY EQUIPMENT PLAN
NOTES, SCHEDULES, & DETAILS

NEW FACILITY FOR
TIGER COMMISSARY
11 WASHINGTON AVE
JONESBORO, AR 72401
COMM. NO.: 91521
DATE: 3/11/2022
FILE:
PLOT:

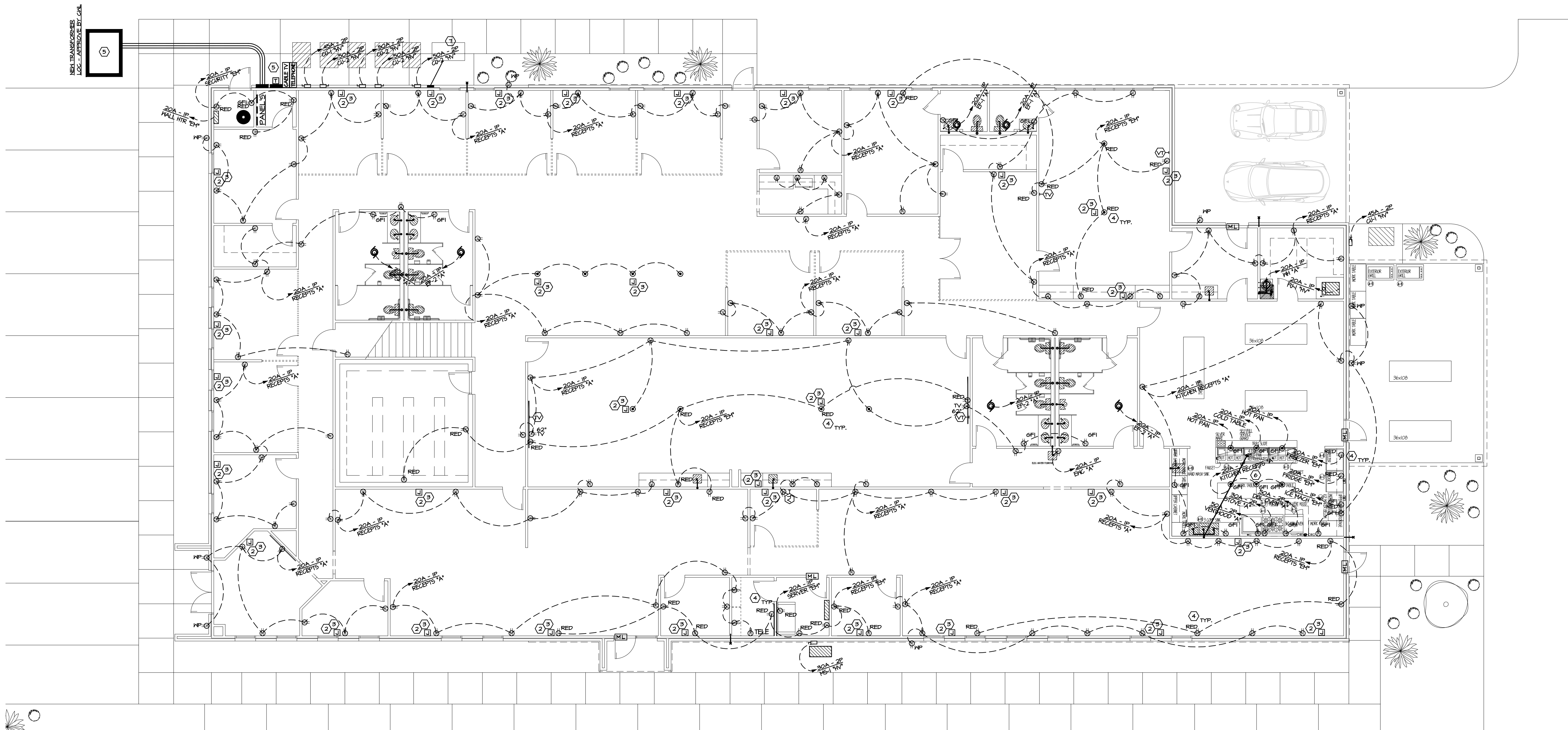
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Commercial & Residential Drafting Consultant
870-284-4454
bmortin.mds@gmail.com



1 SECURITY PLAN - FIRST FLOOR
1/8"=1'-0"

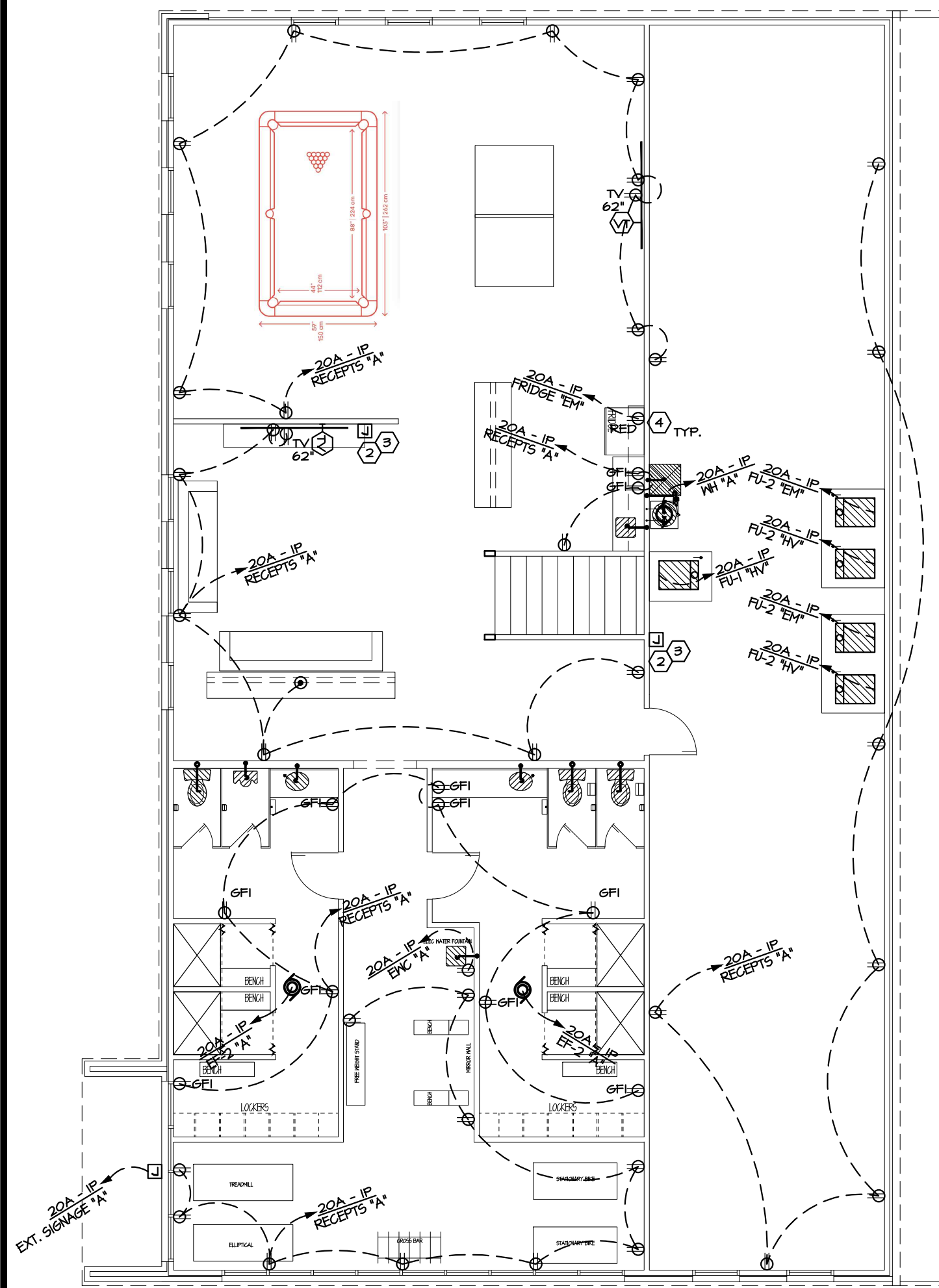


2 SECURITY PLAN - SECOND FLOOR
1/8"=1'-0"

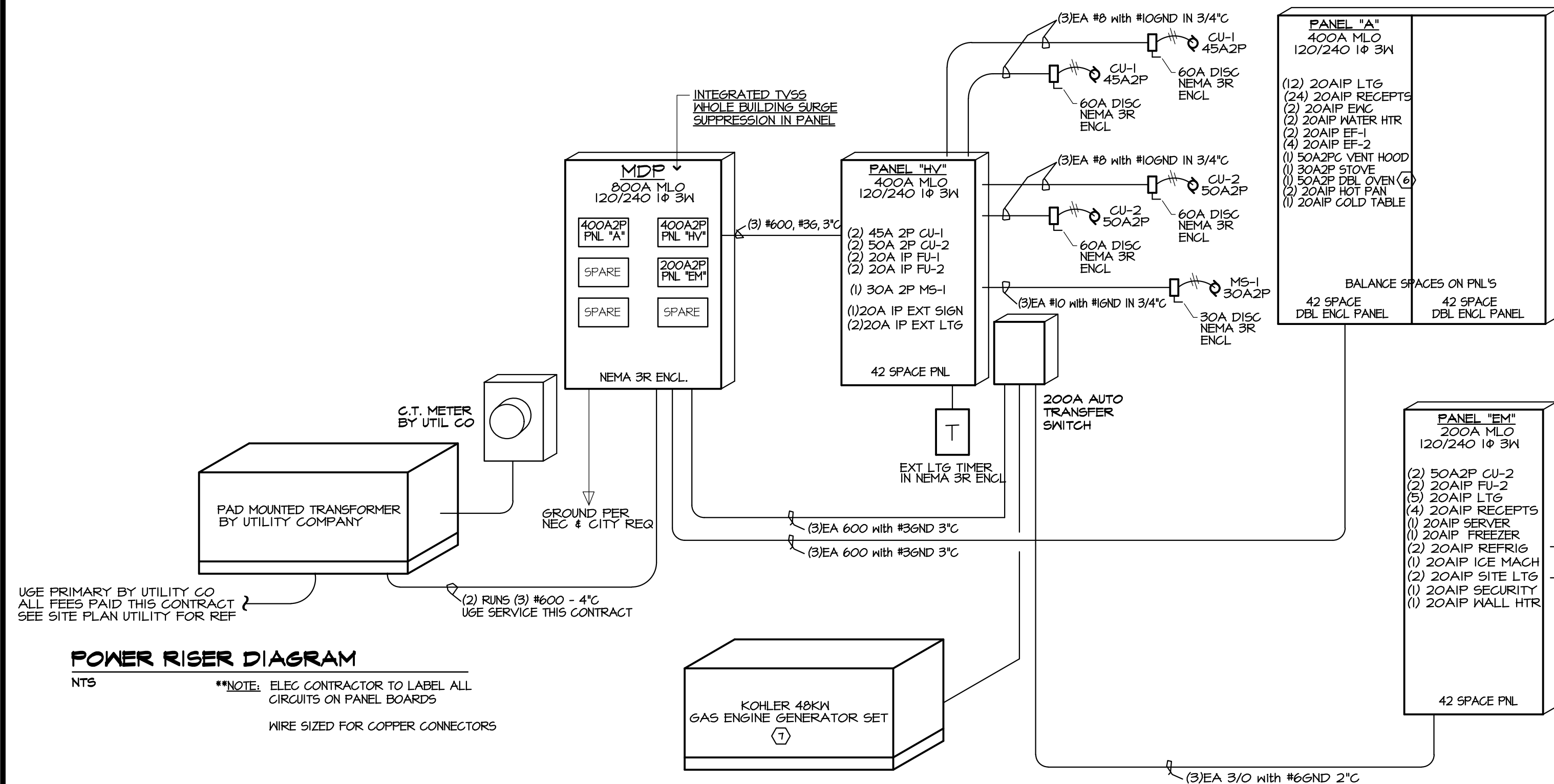
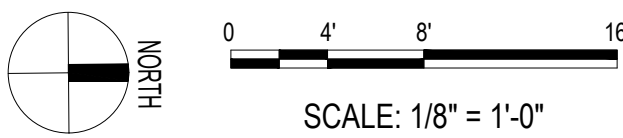


1 ELECTRICAL POWER PLAN - FIRST FLOOR
1/8"=1'-0"





2 ELECTRICAL POWER PLAN - SECOND FLOOR



ELECTRICAL SYMBOL LEGEND

	DUPLEX RECEPTACLE		PANEL BOARD
	DUPLEX RECEPTACLE - WATER PROOF		DISCONNECT SWITCH
	DUPLEX RECEPTACLE - GROUND FAULT		JUNCTION BOX
	DUPLEX RECEPTACLE - WIRED TO GENERATOR		MOTOR
	220 V. RECEPTACLE		MOTOR STARTER
	FLOOR MOUNTED RECEPTACLE		TIMER
	SINGLE POLE SWITCH		OVERHEAD DOOR ENTRANCE CODE KEYPAD
	3 WAY SWITCH		MAGLOCK
	4 WAY SWITCH		
	SINGLE POLE SWITCH - LOCK TYPE		FLUORESCENT LIGHT
	3 WAY SWITCH - LOCK TYPE		FLUORESCENT LIGHT - STRIP
	4 WAY SWITCH - LOCK TYPE		TRACK LIGHT
	FAN CONTROL, INTEGRATION SWITCH, SPEED & LIGHTING		INCANDESCENT LIGHT - CLS. SURFACE
	OCCUPANCY SENSOR - SIZE PER ROOM REG. PROGRAMMABLE TIMER OFF		INCANDESCENT LIGHT - WALL
	VIDEO OUTLET		INCANDESCENT LIGHT - VENT
	VIDEO AMPLIFIER & CONTROL CENTER		EMERGENCY LIGHT
	MICROPHONE OUTLET		EXIT LIGHT
	COMPUTER OUTLET		INTERCOM MASTER
	T.V. OUTLET		INTERCOM PAGING HORN
	TELEPHONE JACK		CLS. MOUNTED INTERCOM SPEAKER
	TELEPHONE JACK - FLOOR MOUNTED		INTERCOM PUSH TO CALL SWITCH
	BELL / CHIME		MASTER CLOCK
	CHIME PUSH BUTTON		CLOCK OUTLET
	THERMOSTAT		
	EXHAUST		

0 GENERAL NOTES ELECTRICAL POWER PLANS

- SEE SECOND FLOOR ELECTRICAL POWER PLAN FOR POWER RISER DIAGRAM
- PHONE JACK LOCATIONS & RUNS FROM JUNCTION BOX @ BLDG TO DROPS BY ELECTRICIAN
- CABLE OUTLET LOCATIONS & RUNS FROM JUNCTION BOX @ BLDG TO DROPS BY ELECTRICIAN
- ALL RECEPTACLES CONNECTED TO GENERATOR TO BE RED
- SEE SITE PLAN UTILITY FOR ALL UTILITY REFERENCES
- ROUGH-IN ELECTRIC PER KITCHEN EQUIP MF6 SPECIFICATIONS - COORDINATE W/APPLIANCE SUPPLIER
- 48KH KJOLER NATURAL GAS ENGINE GENERATOR SET, DIGITAL CONTROL PANEL, VIBRATION ISOLATED MOUNTING BASE, AUTO TRANSFER SWITCHES, SOUND ATTENUATED ENCLOSURE, LOW NOISE EXHAUST, AND ALL NECESSARY INSTALLATION COMPONENTS
- SEE FIRE EGRESS PLAN FOR ALL SMOKE/HEAT SENSORS & EMERGENCY EXIT LOCATIONS - VERIFY W/ SPRINKLER & FIRE ALARM DESIGN (BY OTHERS)
- EXTERIOR SITE LIGHTING TO BE CIRCUITED TO "EM" PANEL - SEE SITE PLANS FOR REFERENCE

PANELBOARD SCHEDULE

PANEL "HV"									
VOLTS:		120/240 1Ø 4W							
MAINS:		400A							
X	LUGS		COPPER BUS		BREAKER	X	GROUND BAR	X	BOTTOM
FED FROM:		MDP							
TYPE:		FLUG IN							
	FLUSH MTD.	X	SURFACE MTD.						
FEEDER:		TOP		FEEDER SIZE: (3) #600, #36					
INTERRUPTING RATING: 10,000 AIC									

ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD (KVA)			LOAD (KVA)			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
A/C	2F45	1	4,000			120			2	IP20	FU 1
A/C		3		4,000			120		4	IP20	FU 1
A/C	2F45	5	4,000			1260			6	IP20	FU 2
A/C		7		4,000			1260		8	IP20	FU 2
A/C	2F50	9	4,200			1260			10	IP20	EXT SIGNAGE
A/C		11		4,200			964		12	IP20	EXT LT6
A/C	2F50	13	4,200						14	IP20	EXT LT6
A/C		15		4,200					16		SPACE
MS I	2F30	17	4,000						18		SPACE
MS I		19		4,000					20		SPACE
SPACE		21							22		SPACE
SPACE		23							24		SPACE
SPACE		25							26		SPACE
SPACE		27							28		SPACE
SPACE		29							30		SPACE
SPACE		31							32		SPACE
SPACE		33							34		SPACE
SPACE		35							36		SPACE
SPACE		37							38		SPACE
SPACE		39							40		SPACE
SPACE		41							42		SPACE
			16,200	16,200		4,204	2,944				
			-	-				TOTALS			
			20,404	19,144		TOTAL CONN. LOAD VA					

PANELBOARD SCHEDULE

PANEL "EM"									
VOLTS: 120/240 1Ø 4W									
MAINS: 200A									
X	LUGS		COPPER BUS		BREAKER	X	GROUND BAR	X	BOTTOM
FED FROM: MDP									
TYPE: PLUG IN									
	FLUSH MTD.		X	SURFACE MTD.					
FEEDER: TOP FEEDER SIZE: (3) 3/0, #6									
INTERRUPTING RATING: 10,000 AIC									

ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD (KVA)			LOAD (KVA)			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
A/C	2F50	1	4,200			1,500			2	IP20	FREEZER
A/C		3		4,200			1,042		4	IP20	REFRIG
A/C	2F50	5	4,200				1,042		6	IP20	REFRIG
A/C		7		4,200			1,260		8	IP20	RECEPT
SERVER	IP20	9	1,042				1,260		10	IP20	RECEPT
FU 2	IP20	11		120			1,260		12	IP20	RECEPT
FU 2	IP20	13	120				1,260		14	IP20	RECEPT
SITE LTS	IP20	15		101			964		16	IP20	LTS
SITE LTS	IP20	17		101			964		18	IP20	LTS
SECURITY	IP20	19		101			964		20	IP20	LTS
ICE MACH	IP20	21	960				964		22	IP20	LTS
WALL HTR	IP20	23		1,260			964		24	IP20	LTS
SPACE		25							26		SPACE
SPACE		27							28		SPACE
SPACE		29							30		SPACE
SPACE		31							32		SPACE
SPACE		33							34		SPACE
SPACE		35							36		SPACE
SPACE		37							38		SPACE
SPACE		39							40		SPACE
SPACE		41							42		SPACE
			12,418	12,322		1,040	5,604				
			-	-				TOTALS			
			19,453	17,926		TOTAL CONN. LOAD VA					

PANELBOARD SCHEDULE

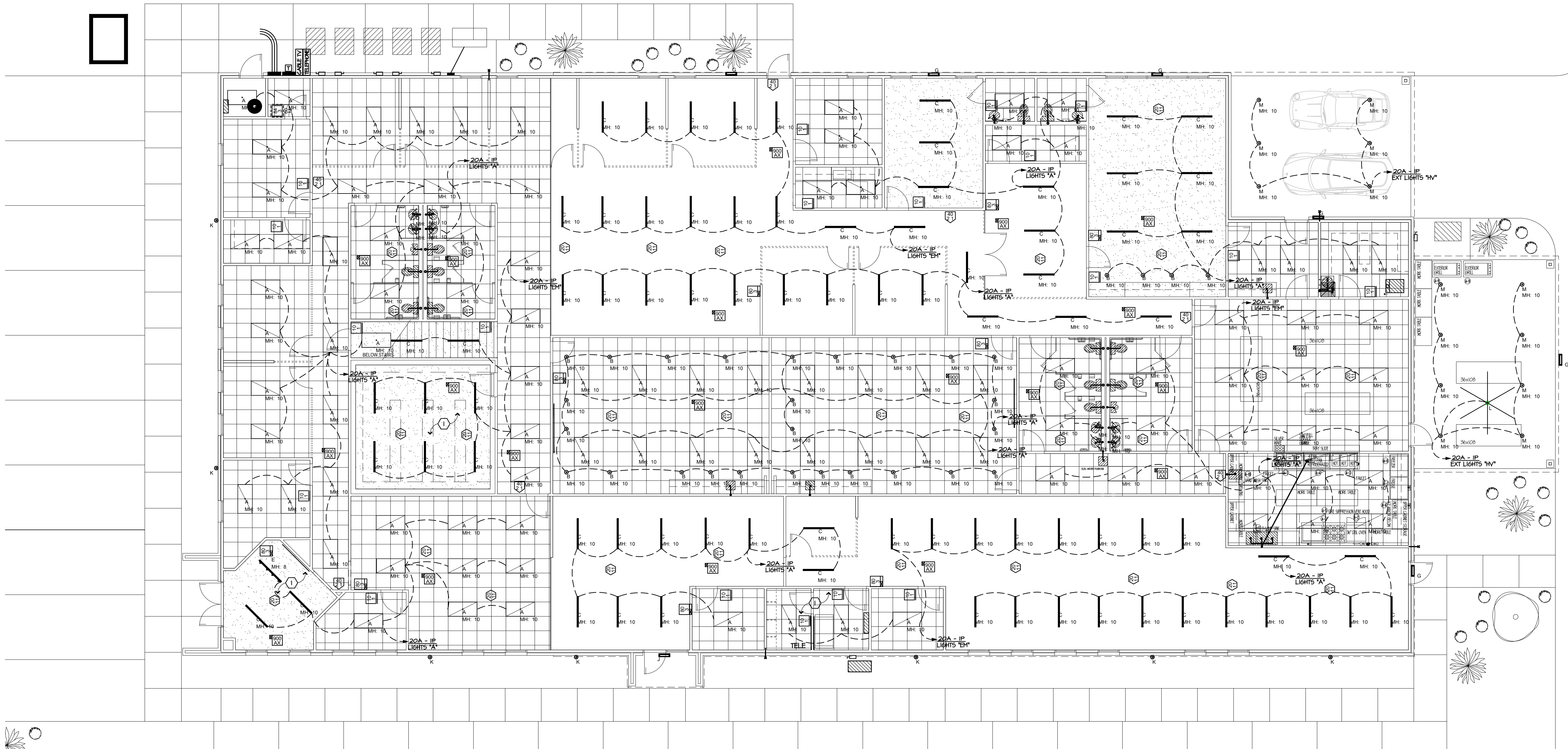
PANEL "MDP"									
VOLTS: 120/240 1Ø 4W									
MAINS: 800A MLO									
X	LUGS	X	COPPER BUS	BREAKER	X	GROUND BAR	X	BOTTOM	
FED FROM: TRANSFORMER									
TYPE: FLUG IN									
	FLUSH MTD.	X	SURFACE MTD.						
FEEDER: TOP FEEDER SIZE: PARALLEL 2 RUNS (3) #600									
INTERRUPTING RATINGS: 22,000 AIC									

ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD (KVA)			LOAD (KVA)			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
PANEL "HV"	2P400	1	36,422			10,024			2	2P600	PANEL "A"
PANEL "HV"	2P400	3		33,415			68,880		4	2P600	PANEL "A"
PANEL "EM"	2P400	5							6		SPACE
PANEL "EM"	2P400	7							8		SPACE
SPACE		9							10		SPACE
SPACE		11							12		SPACE
SPACE		13							14		SPACE
SPACE		15							16		SPACE
SPACE		17							18		SPACE
SPACE		19							20		SPACE
SPACE		21							22		SPACE
SPACE		23							24		SPACE
SPACE		25							26		SPACE
SPACE		27							28		SPACE
SPACE		29							30		SPACE
			36,422	33,415		10,024	68,880				
			-	-				TOTALS			
			106,459	102,245		TOTAL CONN. LOAD VA					

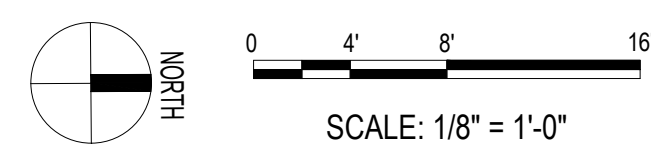
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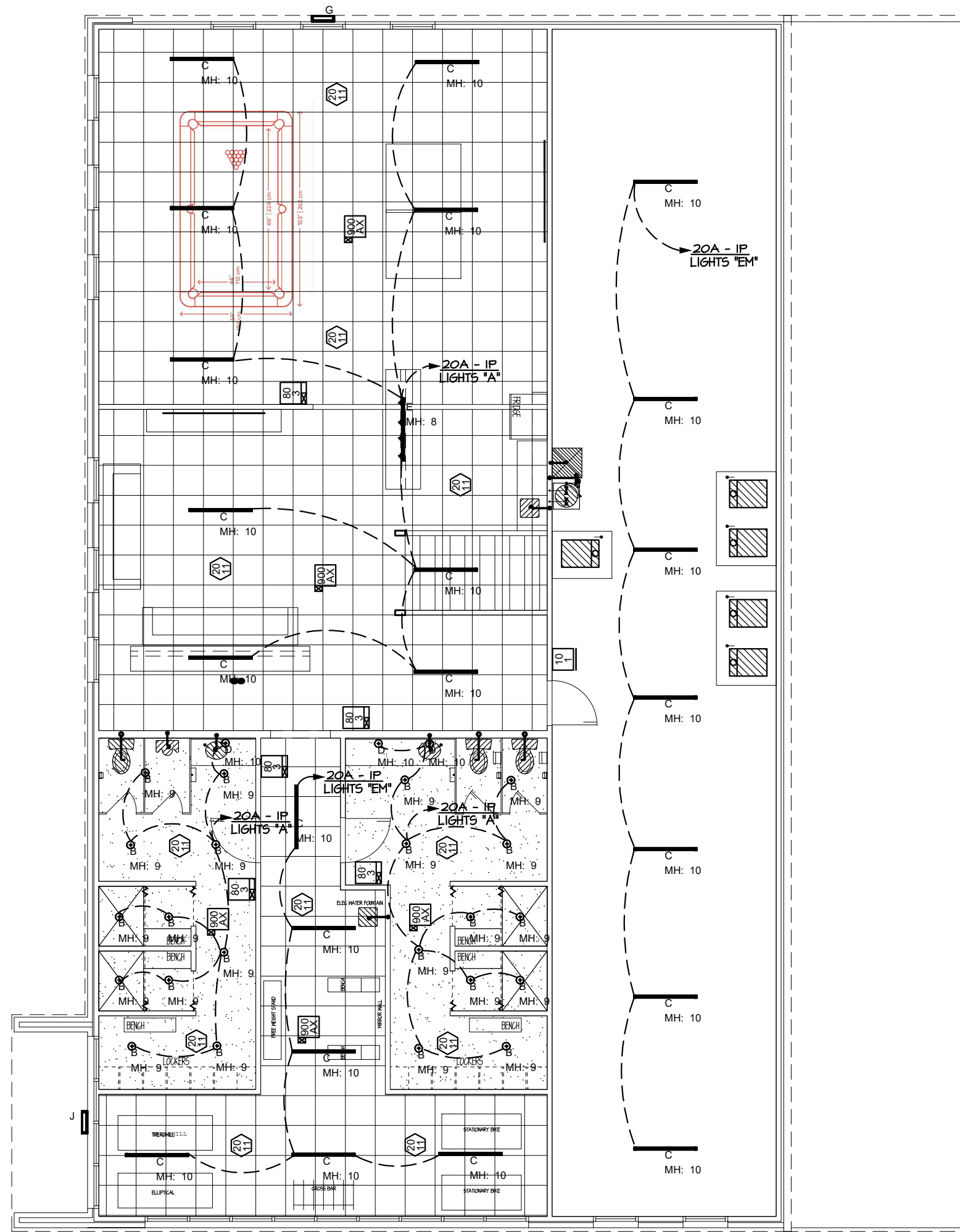
PANEL "A"									
VOLTS:		120/240 1Ø 4W							
MAINS:		400A							
X	LUGS	X	COPPER BUS		BREAKER	X	GROUND BAR		
FED FROM: MDP									
TYPE:		PLUG IN							
	FLUSH MTD.	X	SURFACE MTD.						
FEEDER:		TOP		FEEDER SIZE: (3) #600, #36					
INTERRUPTING RATING: 10,000 AIC									

BRANCH BREAKERS									
ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD (KVA)			LOAD (KVA)			CIRCUIT NUMBER
			A	B	C	A	B	C	
KITCHEN RECEPT	IP20	1	1,440			1,440			2
KITCHEN RECEPT	IP20	3		1,440			1,440		4
RECEPT	IP20	5	1,440				1,440		6
RECEPT	IP20	7		1,440			1,440		8
RECEPT	IP20	9	1,260				1,260		10
RECEPT	IP20	11		1,260			1,260		12
RECEPT	IP20	13	1,260				1,260		14
RECEPT	IP20	15		1,260			1,260		16
RECEPT	IP20	17	1,260				1,260		18
RECEPT	IP20			1,260			1,260		20
RECEPT	IP20	21	1,260				1,260		22
RECEPT	IP20	23		1,260			1,260		24
LIGHTS	IP20	25	816				701		26
LIGHTS	IP20	27		816			701		28
LIGHTS	IP20	29	816				701		30
LIGHTS	IP20	31		816			701		32
LIGHTS	IP20	33	816				701		34
LIGHTS	IP20	35		816			701		36
WATER HTR	IP20	37	1,260				701		38
WATER HTR	IP20	39		1,260			701		40
EF - 1	IP20	41	816				964		42
EF - 1	IP20	43		816			964		44
EF - 2	IP20	45	964				2000		46
EF - 2	IP20	47		964			2000		48
HOT PAN (6)	IP20	49	1,260				1200		50
HOT PAN (6)	IP20	51		1,260			1200		52
COLD TABLE (6)	IP20	53	1,260				1600		54
SPACE		55					1600		56
SPACE		57							58
SPACE		59							60
SPACE		61							62
SPACE		63							64
SPACE		65							66
SPACE		67							68
SPACE		69							70
SPACE		71							72
SPACE		73							74
SPACE		75							76
SPACE		77							78
SPACE		79							80
SPACE		81							82
			16,160	14,908		16,488	16,488		
			-	-		TOTALS			
			32,656	31,346		TOTAL CONN. LOAD VA			

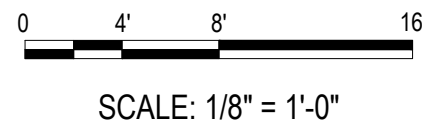
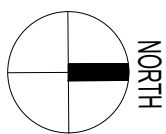


1 ELECTRICAL LIGHTING PLAN - FIRST FLOOR
1/8"=1'-0"





2 ELECTRICAL LIGHTING PLAN - SECOND FLOOR
1/8"=1'-0"



GENERAL NOTES ELECTRICAL LIGHTINGS PLANS				
MARK	DESCRIPTION			
1	LIGHTING THIS AREA TO BE CIRCUITED TO BACKUP GENERATOR - SEE POWER RISER DIAGRAM			
2	LIGHT FIXTURE TO BE CIRCUITED TO BACKUP GENERATOR - SEE POWER RISER DIAGRAM			

LIGHTING FIXTURE SCHEDULE				
Type	Manufacture	Specified	Qty	Notes
Type A	Elite	24-FPL1-LED-5000L-DIM10-MVOLT-30K-85	SEE PLAN	2 X 4 Flat
Type B	Elite	HH61C-LED-2000L-DIM10-MVOLT-WD-30K-9-HH6-6501-CL-WH	SEE PLAN	Downlight
Type C	Elite	OLS-DI-LED-2-8-D1000L-DIM10-MVOLT-30-90-WH	SEE PLAN	High Bays
Type D	Kuzco	VL60624	SEE PLAN	Vanity
Type E	Elite	ET-LED-328-600L-DIMTR-120-30K-90-SP-AWH	SEE PLAN	Track Lighting
Type F		Owner to select	SEE PLAN	Pendants
Type G (2)	Elite	OWP-FC-201-LED-6000L-MVOLT-40K-BZ-PHC	SEE PLAN	Wall Pack
Type H	US Arch	SNTS/204-11/QSR/4850/PLED-III/(X)/(CX)/RAL-8019/DBZ	SEE SITE PLAN	Pole
Type I (2)	Smart Lighting	HB3014-12-41K-20-ACD	SEE PLAN	Wall Wash
Type K	SPI Lighting	AEW9904-L29W-84L-120-277V-3000K-ACC-CG02	SEE EXT ELEV	Ext. Wall
Type L		Exterior 62" MTL FAN	SEE PLAN	Ext. Fan
Type M		Exterior Can Light	SEE PLAN	Ext. Angled Recessed
Type X	Lightalrms	C6UENRM2HO	SEE SHEET A9 A10	Exit
Type EM	Lightalrms	LCA-2RHL-1D	SEE SHEET A9 A10	Egress

CONTROL SCHEDULE				
Key	Manufacture	Specified	Qty	Description
	SensorWork	SWX-101-XX	26	Wall switch occupant sensor
	SensorWork	SWX-201-1	32	Ceiling mount occupant sensor
	SensorWork	SWX-402-1	8	Wide view & hallway occupany sensor
	SensorWork	SWX-803-XX	10	Décor switch W/ dimmer
	SensorWork	SWX-843-60M-XX	1	Interval timer switch
	SensorWork	SWX-900-AX	20	Power pack controller

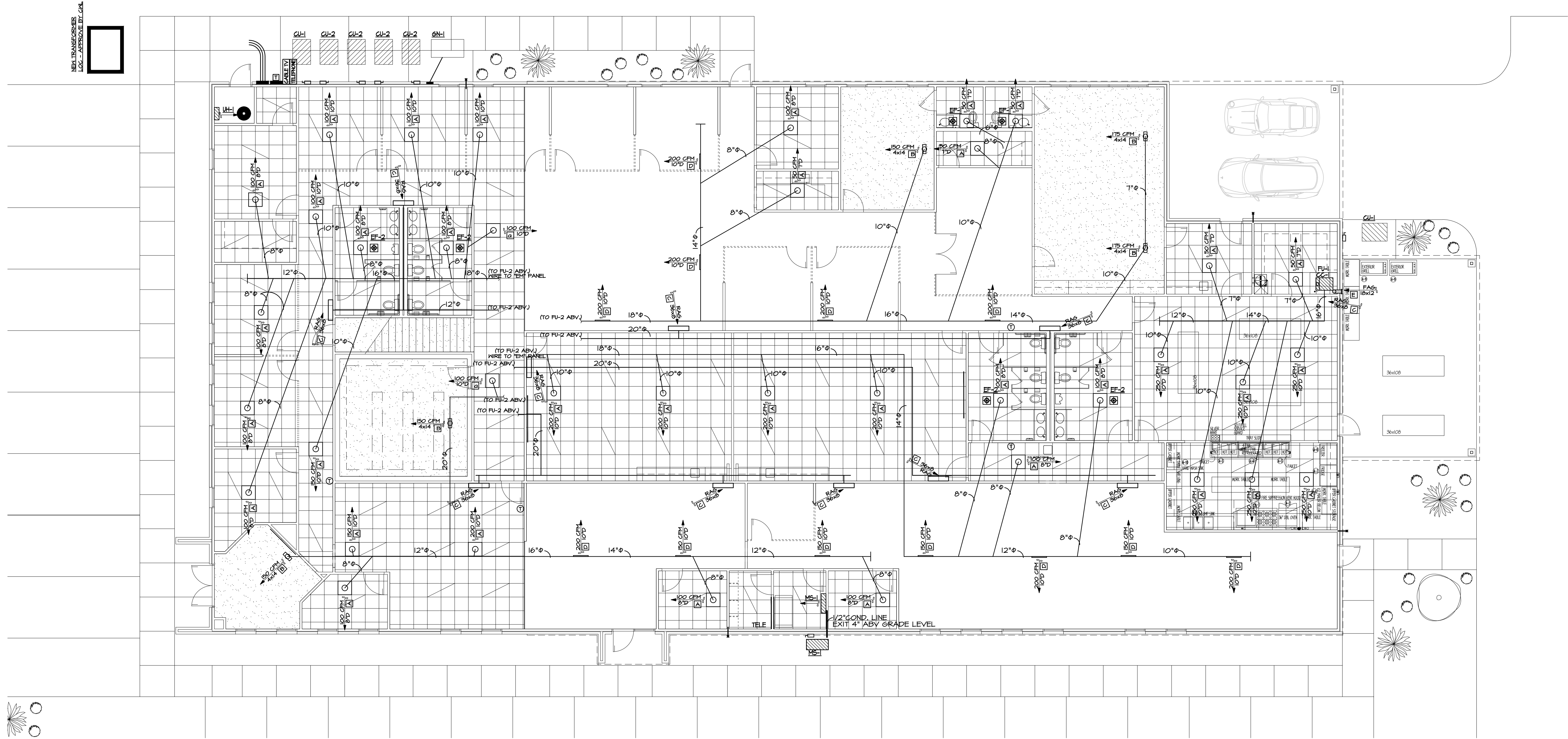
STATE OF
ARKANSAS
LICENSED
PROFESSIONAL
ENGINEER
No. 12041
TODD SINGLTON
Mar 4, 2022

ELECTRICAL LIGHTING PLAN - SECOND FLOOR
NOTES, SCHEDULES, & DETAILS

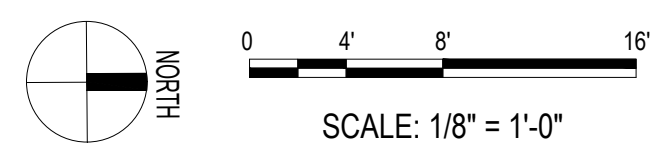
NEW FACILITY FOR
TIGER COMMISSARY
N. WASHINGTON AVE
JONESBORO, AR 72401
COMM. NO. : 41521
DATE : 2/15/2021
FILE:
PLOT:

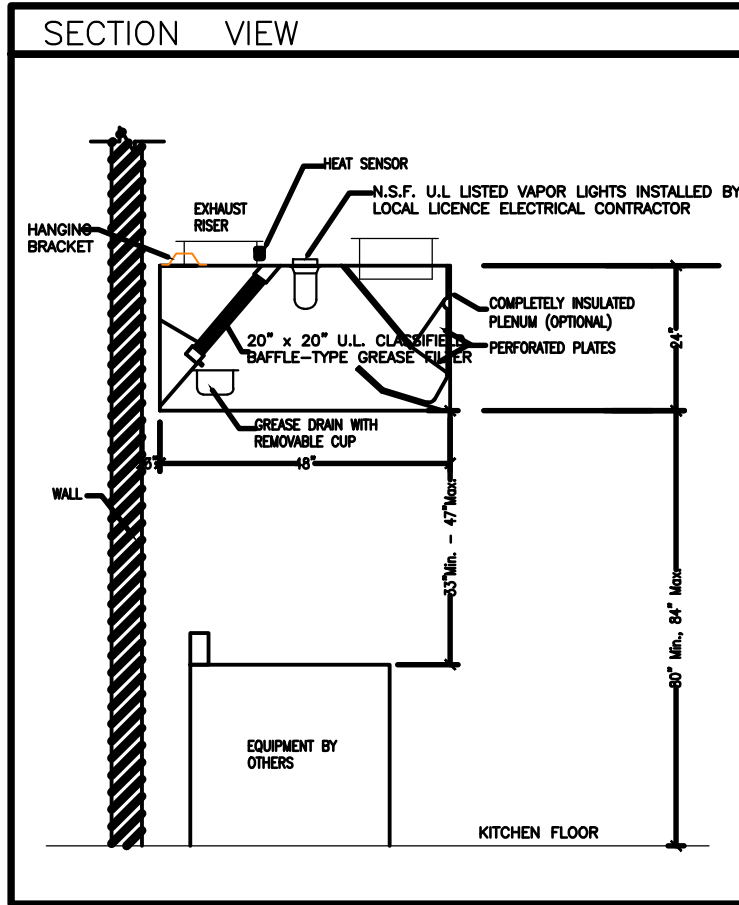
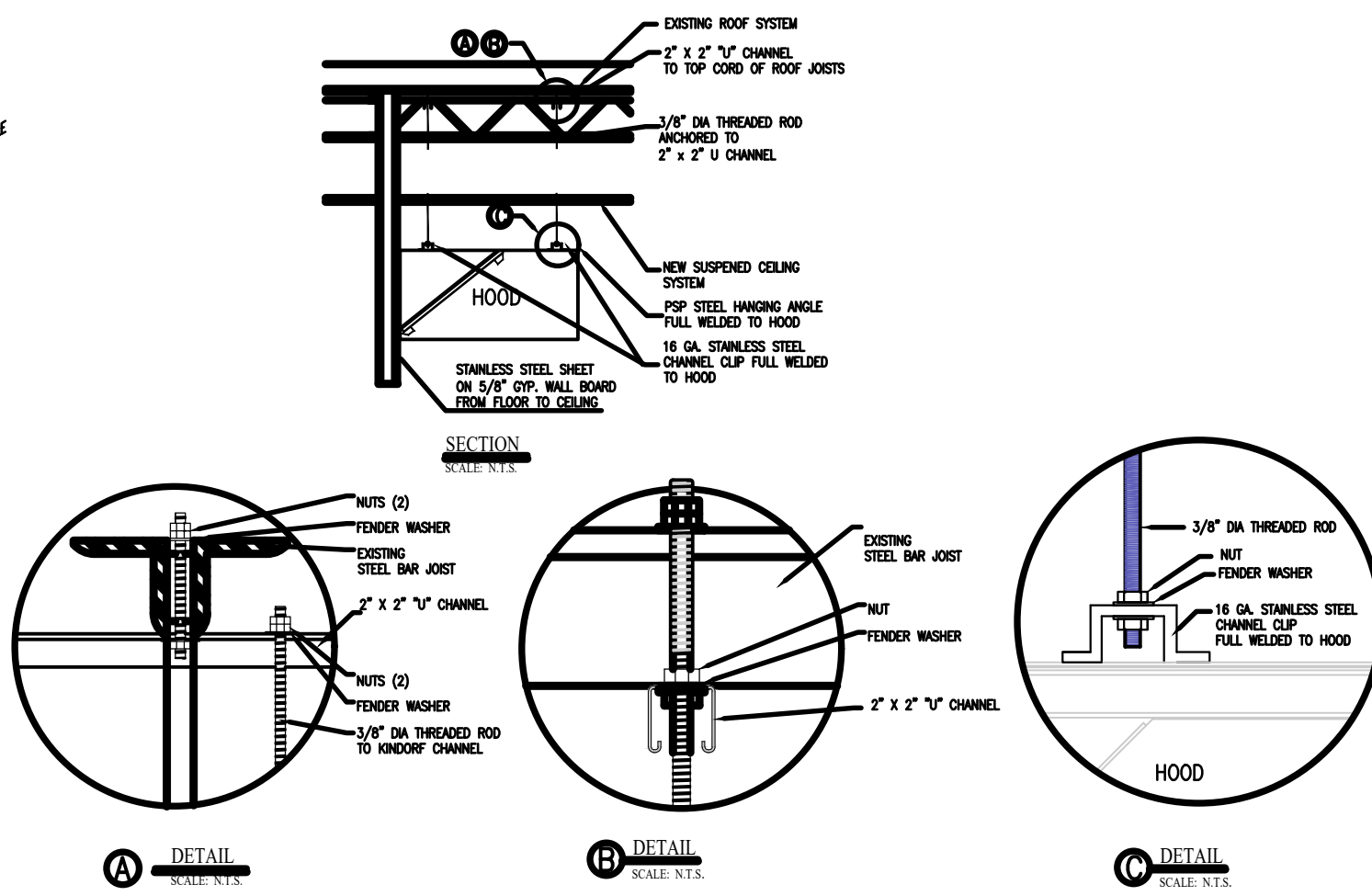
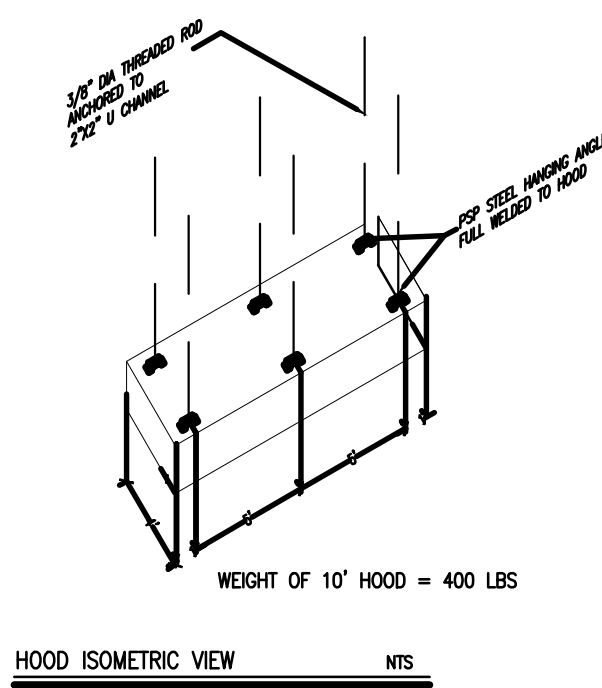
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Commercial & Residential Drafting Consultant
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bmortin.mds@gmail.com
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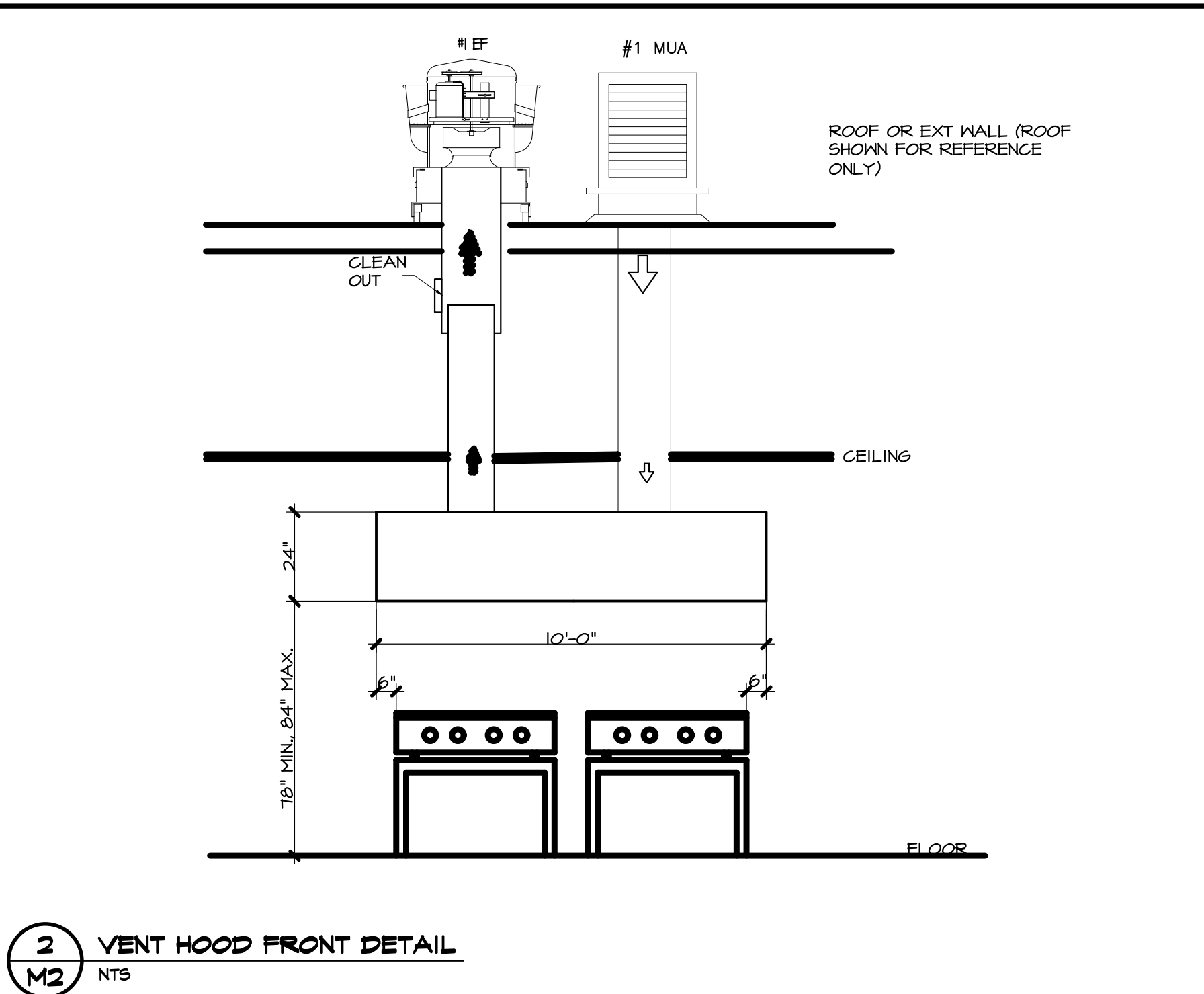
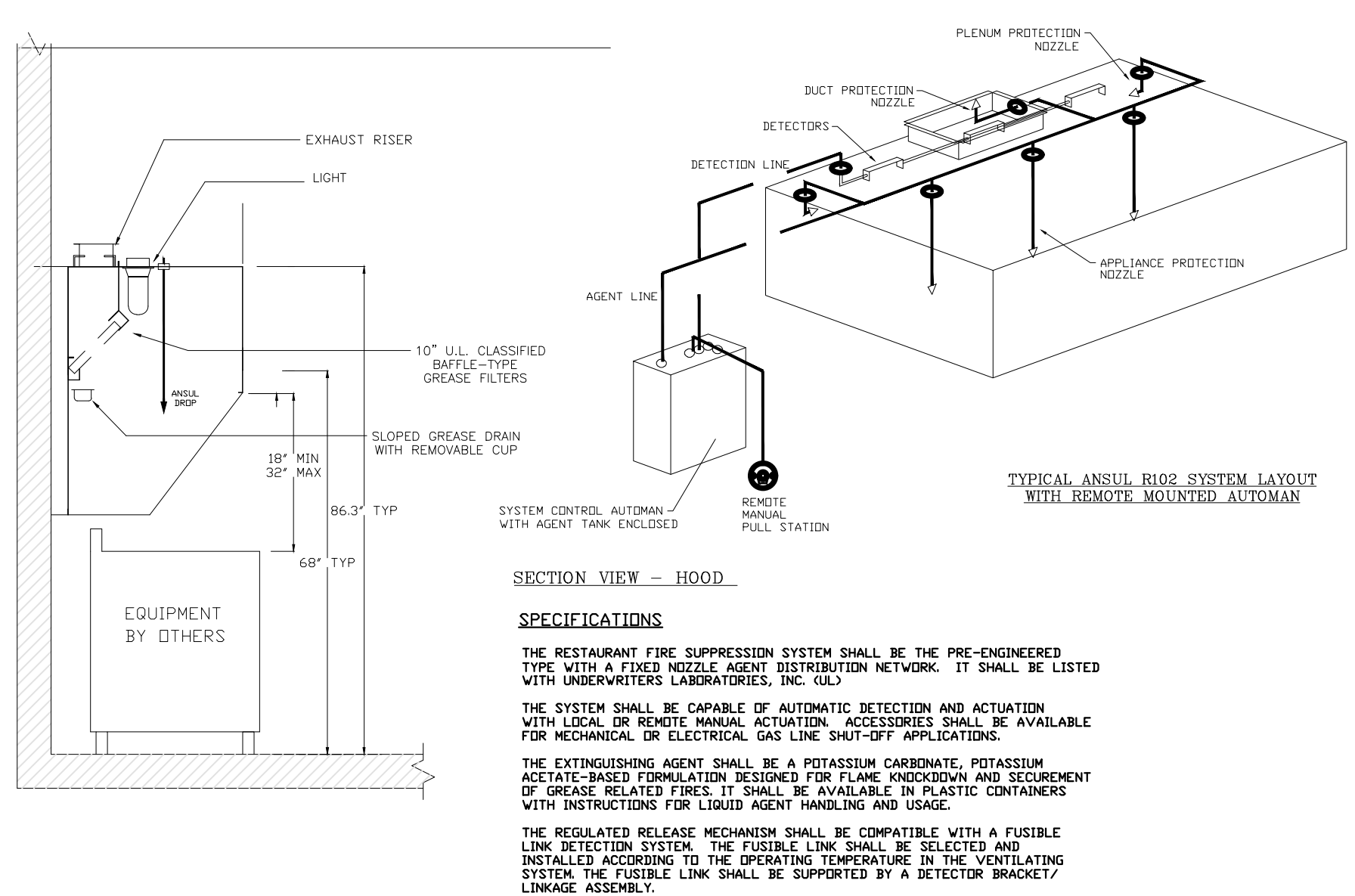
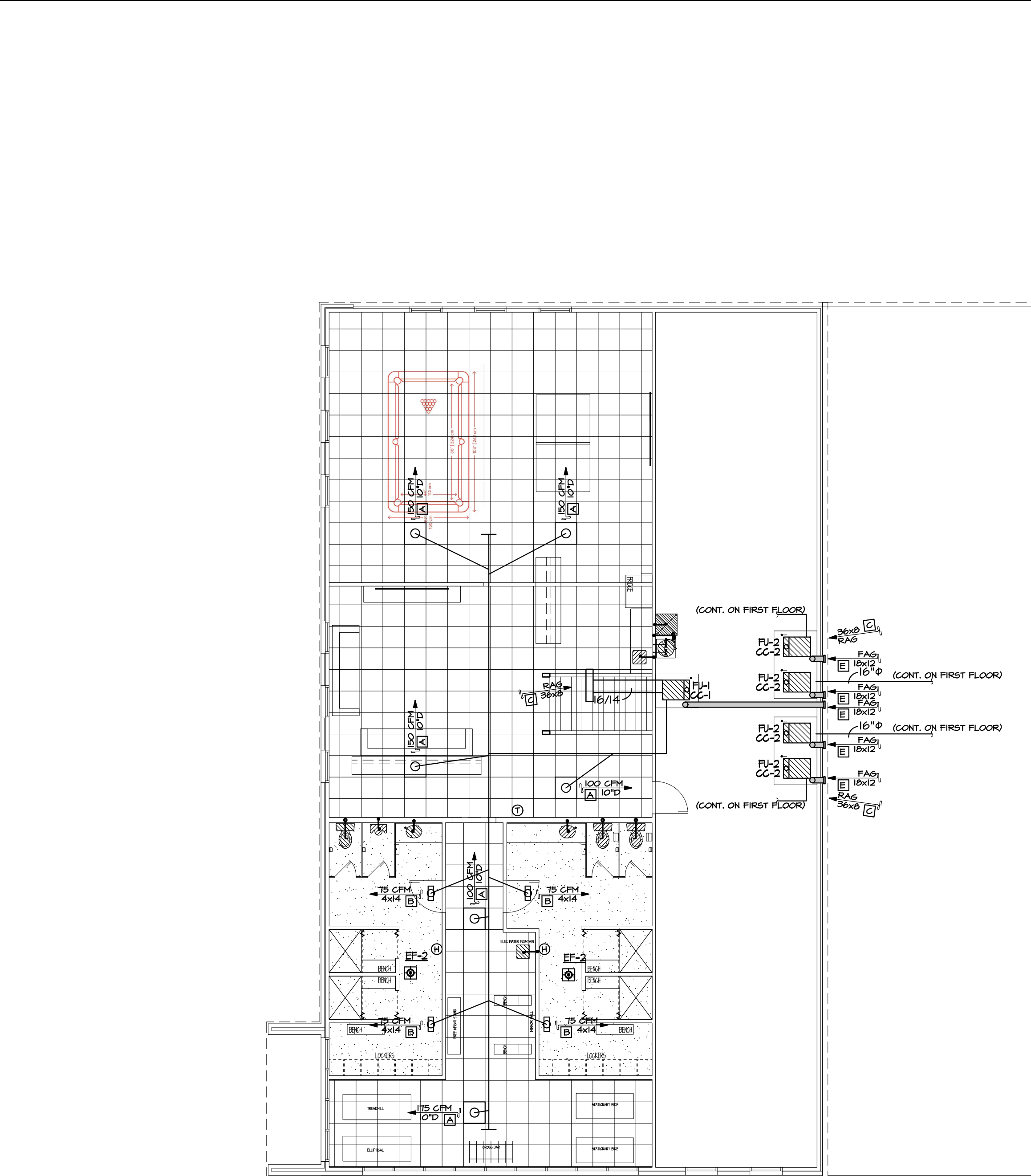
1 HVAC PLAN - FIRST FLOOR
1/8"=1'-0"





EXHAUST FAN SCHEDULE									
#	EF	MAKE & MODEL NO.	VOLUME CFM	HP (W/ MC)	FAN RPM	WATER U/L	WIRE SIZE	REMARKS	
		K-TECH 2000R	2500	0.25	1170	---	1 1/2	120/60/1	1.2, 384
1. UL 821 BAFFLE TYPE GREASE FILTER 2. GALVANIZED VENTER PREMANUFACTURED ROOF CURB 3. GREASE TRAP WITH DRAIN CONNECT 4. HINGING KIT - FIELD INSTALLED									
MAKE-UP AIR FAN SCHEDULE									
#	MUA	MAKE & MODEL NO.	VOLUME CFM	HP (W/ MC)	FAN RPM	WATER U/L	WIRE SIZE	REMARKS	
		K TCH	1800	0.25	618	---	2	120/60/1	1M2
1. CONTROL CENTER-COMBINED SWITCHING 2. UL LISTED FIRE DAMPER									
HOOD INFORMATION - PROVIDED BY KITCHEN EQUIPMENT SUPPLIER									
HOOD NO.	LENGTH	EXHAUST PERFORMANCE			HOOD CONSTRUCTION		HOOD CONFIG.	FIRE SYSTEM PIPING	
1.	120"	TOTAL EXH. CFM	DIA.	S.P.	S.P.	W/ MC			
		2500	18"	2500	0.25HP	430 SS	WALL MOUNT	YES	
(Where Exposed)									

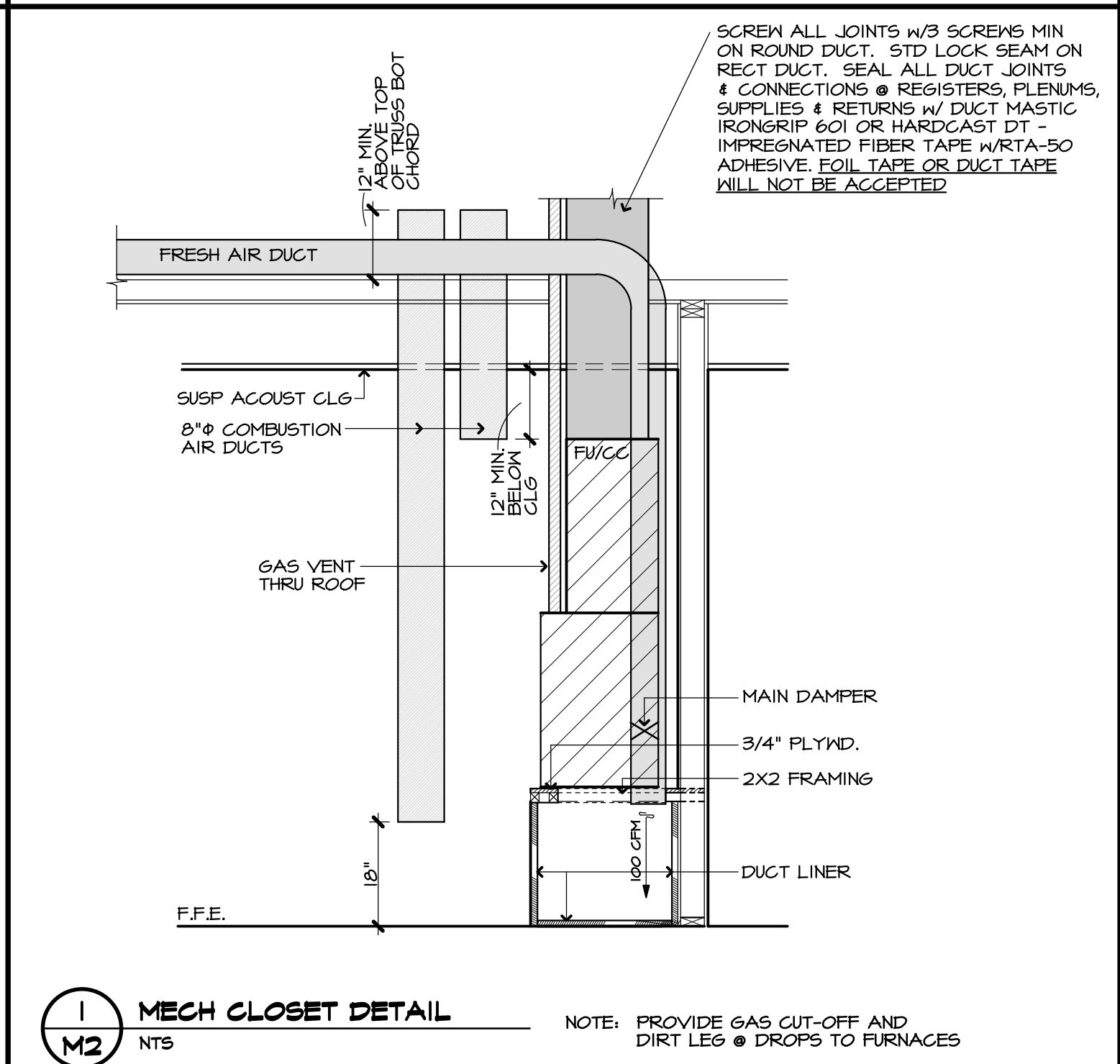
REMARKS:									
A. REMOVABLE GREASE CHASER B. UL LISTED VAPOR LIGHTS W/ WIRE SAFETY GUARD. C. BAFFLE FILTER SET 40 DEGREE. UL LISTED. FILTER SIZE: 25 1/2" X 20" X 2 1/2". D. DUCTS CONSTRUCTED OF NO. 16 MSG STEEL WITH LUGS-TOOTH AS PER NFPA CODE 96. E. HOOD CONSTRUCTED OF 16 MSG. THINWALL STEEL TYPE 304 WITH FRESH AIR RETURN, ALL CONNECTIONS AND VENTS WERE WELDED AS REQUIRED TO MEET NFPA CODE 96 STANDARD. JET LISTED NO. 1496. F. FIRE SUPPRESSION NOZZLE. G. ROOF CURB.									
CALCULATIONS:									
PER 2010 IMC, 507.13.4 WALL MOUNT CANOPY: 250 CFM PER LINEAR FOOT KITCHEN HOOD: 10'0" X 25'0" = 2500 CFM EXHAUST DUCT SIZE: 14" EXHAUST DUCT AIR VELOCITY: 2034 FPM MAKE-UP AIR: 80% x 2500 = 2000 CFM MAKE-UP AIR DUCT SIZE: 18"									
NOTE: EXHAUST DUCT SHALL BE 18" AWAY FROM ANY COMBUSTIBLE MATERIAL. SYSTEM INTERCONNECTION (ING. 50224.1.1) EXHAUST FAN SHALL BE AUTOMATICALLY OPERATE DURING COOKING OPERATIONS IN COMMERCIAL KITCHEN BY MEANS OF AN ELECTRICAL INTERLOCK OR HIGH SENSORS OR OTHER APPROVED MEANS. SYSTEM ELECTRICALLY INTERLOCKED THE EXHAUST AND MAKE-UP AIR SYSTEM SHALL BE ELECTRICALLY INTERLOCKED TO INSURE THAT MAKE-UP AIR IS PROVIDED WHENEVER THE EXHAUST SYSTEM IS IN OPERATION									



H.V.A.C. EQUIPMENT SCHEDULE				
MARK	ITEM	DESCRIPTION	CAPACITY	REMARKS
FU-1	FURNACE	RHEEM R96TA0852424M5	84,000 BTUH OUTPUT 1600 CFM @ 0.2 S.P. (MED-L.O.) 3/4\"/>	80% AFUE
CG-1	COIL	RHEEM RCLFHM4821AC	4 TON NOMINAL - 210CFM	
CU-1	COND UNIT	RHEEM RAI448CJIN	48,000 BTUH COOLING @ ARI COND	14 SEER
FU-2	FURNACE	RHEEM R96TA1002524M5	98,000 BTUH OUTPUT 2000 CFM @ 0.2 S.P. (MED-HI) 3/4\"/>	80% AFUE
CG-2	COIL	RHEEM R96TA1002524M5	5 TON NOMINAL - 260CFM	
CU-2	COND UNIT	RHEEM RAI460CJIN	60,000 BTUH COOLING @ ARI COND	13.00 SEER
MS-1	MINI-SPLIT	MITSUBISHI PKA-A24KA7 W/ PUY-A2NHAT(-B5)	24,000 BTUH COOLING AIR FLOW RATE 635-105-TT5	MCA 19.0
GN-1	GENERATOR	KOHLER 48KW - NATURAL GAS 120/240V SINGLE PHASE W/ 240V 200A AUTOMATIC TRANSFER SWITCH		
UH-1	UNIT HEATER	QMARK C4NH202DSF	240V - 2,000/1,000W 6.826-3.413 BTU/HR	
①	THERMOSTAT	WHITE ROGERS IF95 - 12TT	ELECTRONIC PROGRAMMABLE	
②	HUMIDISTAT	RANCO J10-804 & WHITE ROGERS 90-380 RELAYS		(3)
EF-1	EXHAUST FAN	FANTECH PRO80	4\"/>	
EF-2	EXHAUST FAN	FANTECH PB310-2	6\"/>	
A	CLG DIFFUSER	HART & COOLEY ARE-4	SEE PLAN	
B	SUPPLY REGISTER	HART & COOLEY L53000W	SEE PLAN	
C	RETURN AIR GRILLE	HART & COOLEY RH45	SEE PLAN	
D	SUPPLY GRILLE	HART & COOLEY 92VHO	SEE PLAN	
E	FRESH AIR GRILLE	HART & COOLEY I545ZC	SEE PLAN	
O	TAKE OFF DAMPER	AIRTITE HETD HIGH EFFICIENCY TAKE-OFF W/BALANCING	SEE PLAN	w/ INSECT SCREEN

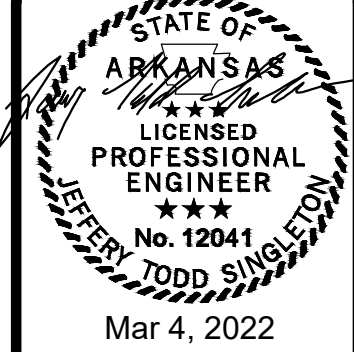
REMARKS HVAC SCHEDULE

1. PROVIDE RHEEM RXIE-A20A ELECTRONIC AIR CLEANER, WHITE ROGERS H5P2000 HUMIDIFIER W/ REMOTE HUMIDISTAT, AND RHEEM RXIU-A02A ULTRAVIOLET TREATMENT SYSTEM
2. PROVIDE RHEEM RXIE-A14A ELECTRONIC AIR CLEANER/WHITE ROGERS H5P2000 HUMIDIFIER W/ REMOTE HUMIDISTAT, AND RHEEM RXIU-A03A ULTRAVIOLET TREATMENT SYSTEM
3. USE WITH WHITE ROGERS 90-380 RELAYS (3) TO RUN COOLING & ELECTRIC HEATING AT THE SAME TIME FOR DEHUMIDIFICATION - AH-1 & HP-1 ONLY



LEGEND

CFM	CUBIC FEET PER MINUTE
CAD	COMBUSTION AIR DUCT
FAG	FRESH AIR GRILLE
T.V.	TURNING VALVE
RAG	RETURN AIR GRILLE
G	GAS

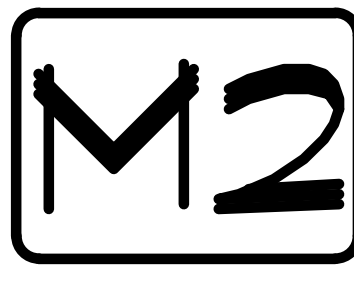


HVAC PLAN - SECOND FLOOR
NOTES, SCHEDULES, & DETAILS

NEW FACILITY FOR:
TIGER COMMISSARY
WASHINGTON AVE
JONESBORO, AR 72401

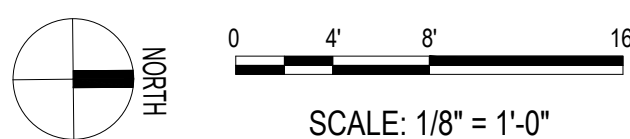
COMM. NO.: 91521
DATE: 2/15/2021
FILE:
FLOT.

MORTIN DESIGN SERVICES, LLC
Commercial & Residential Drafting Consultant
870-294-4054
bmortin.mds@gmail.com

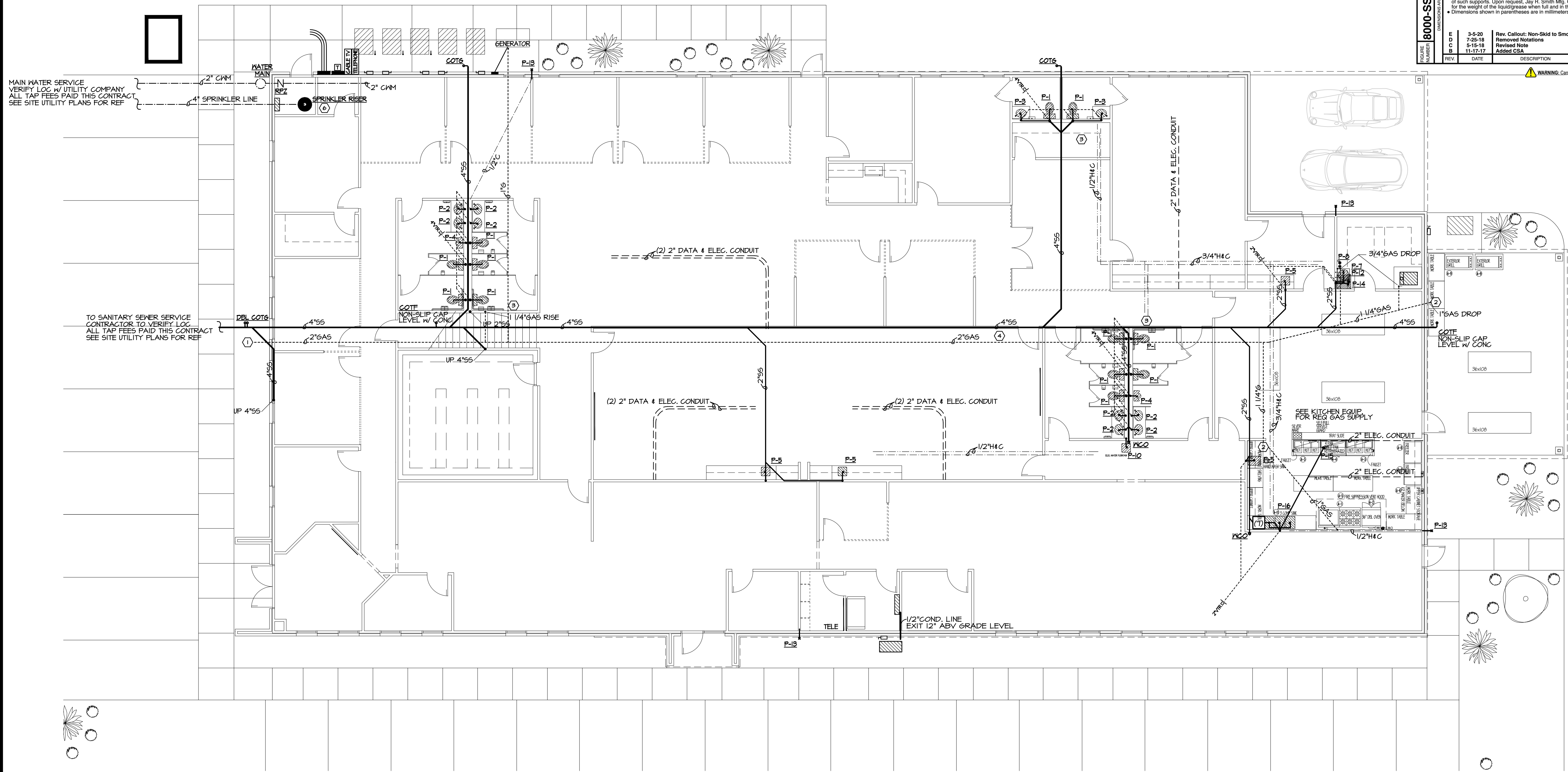


2 HVAC PLAN - SECOND FLOOR

1/8"=1'-0"



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



SMITH JAY R. SMITH MFG. CO.
PORT OFFICE: 800-850-8500
MEMBER OF: ASPE, ASPE, ASPE

LOCATION

STAINLESS STEEL GREASE INTERCEPTORS

STAINLESS STEEL GREASE INTERCEPTOR WARRANTY:

Smith stainless steel grease interceptors are warranted against defective materials and workmanship for a period of ten years from the date of purchase. We will replace, free of charge, any Smith stainless steel grease interceptors proven defective that was properly installed, properly maintained, and used in accordance with recommended instructions. We shall not be responsible for any labor charges or any loss, injury or damages whatsoever, including incidental or consequential damages, or for the replacement of gasolene and hardware. We also are not responsible for damage caused by the use of caustic cleaning solutions, such as chlorinated cleansers, sanitizers or bleach of any kind.

THE FOREGOING EXPRESS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED IN FACT OR IMPLIED BY LAW.

FIG. NO.

GPM FLOW RATE (L/M)

GREASE CAP LBS (KG)

A

B

C

D

E

F (WIDTH)

G (Plug Size)

8004Y02-SS	4(15)	6(3.6)	02(50)	6.78(1.75)	2.34(70)	12.14(51)	9.58(245)	1.1(2/38)
8007Y02-SS	7(28)	14(6)	02(50)	7.34(195)	3.14(83)	13.58(346)	11(280)	1.1(2/38)
8010Y02-SS	10(38)	20(9)	02(50)	8.34(220)	3.58(92)	15.38(1)	12.38(315)	1.1(2/38)
8015Y02-SS	15(57)	30(13.6)	02(50)	11.14(280)	5.12(389)	17.38(441)	14.34(373)	1.1(2/38)
8020Y03-SS	20(75)	40(18)	03(75)	12.34(325)	4.1(100)	19.38(492)	16.34(425)	1.1(2/38)
8025Y03-SS	25(95)	50(22.6)	03(75)	14.14(360)	4.18(115)	21(53)	18.34(468)	1.1(2/38)
8035Y03-SS	35(132)	70(32)	03(75)	14.12(370)	4.12(115)	22.38(568)	19(485)	1.1(2/38)
8050Y03-SS	50(189)	100(45)	03(75)	14.12(370)	5.14(135)	31.58(803)	19.34(500)	1.1(2/38)
LOW TYPE								
8120Y03-SS	20(75)	40(18)	03(75)	7(180)	3.34(85)	39.12(1010)	10.12(265)	1.1(2/38)
8150Y03-SS	50(189)	100(45)	03(75)	7(180)	4.34(120)	52.14(1327)	11.34(290)	1.1(2/38)
8150Y03-SS	50(189)	100(45)	03(75)	10(254)	5.15(131)	50.14(1276)	15.15(384)	1.1(2/38)

REGULARLY FURNISHED:

Fabricated Type 304 Stainless Steel Interceptor with Cast Iron External Flow Control Fitting and NO-HUB Inlet & Outlet Connections.

GENERAL NOTES:

- It is the responsibility of the installer to check all parts (internal and external) to verify they are in their proper operating order and location.
- Whenever an interceptor is to be installed suspended in a floor slab with a cradle or independently, proper support is essential for safety and functional integrity of the installation. Support system shall be of sufficient strength and proper design for the purposes intended and meet the approval of the architect and structural engineer. Jay R. Smith Mfg. Co. is not responsible for the design or recommendation of such supports. Upon request, Jay R. Smith Mfg. Co. will provide the weight of the specific unit. Additional weight must be added to compensate for the weight of the liquid/grease when full and in the flowing mode of operation.
- Dimensions shown in parentheses are in millimeters.

FIGURE NUMBER

8000-SS SERIES

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 12041
TODD SINGLOTT

Mar 4, 2022

PLUMBING PLAN - FIRST FLOOR

NEW FACILITY FOR:
TIGER COMMISSARY
K. WASHINGTON AVE
JONESBORO, AR 72401

COMM. NO.: 41521
DATE: 2/5/2021
FILE:
PLOT:

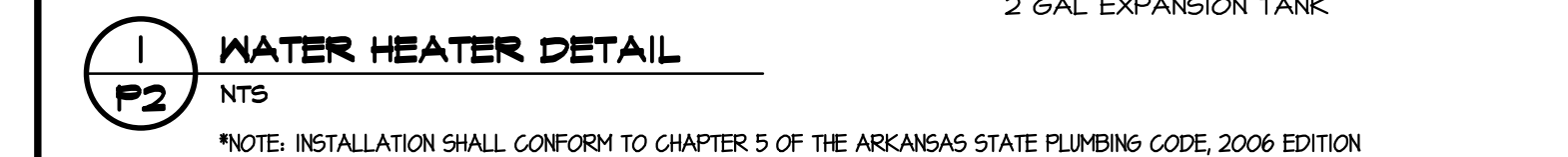
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bmortin.mds@gmail.com

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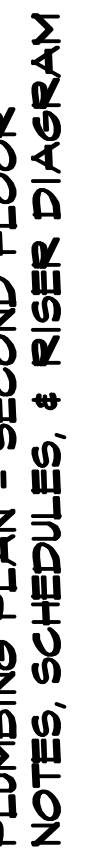
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REMARKS	PLUMBING FIXTURE SCHEDULE
(1)	WHITE
(2)	FIXTURE SUPPLIES & DRAIN SHALL EXTEND NO MORE THAN 6" OUT FROM WALL. SHALL PROVIDE 24" MIN. FLOOR TO BOTTOM - 24" CLEAR UNDER MIN., SINK RIM 34" MAX - SEE MILLWORK FOR REF
(3)	FLUSH HANDLES ON TANKS TO FACE OPEN PART OF STALL
(4)	MOUNT ORIFICE @ 34" A.F.F. FOR HDPC
(5)	HUB DRAINS @ MECHANICAL UNITS SHALL NOT BE INSTALLED IN RETURN AIR SPACE - EXTEND ABOVE MECH PLATFORM WHERE APPLICABLE
(6)	PROSET TRAP SEAL PRODUCTS ARE AN ALTERNATIVE TO TRAP PRIMERS - ARKANSAS HEALTH DEPT. APPROVED
(7)	PROVIDE STAINLESS STEEL GREASE INTERCEPTOR - SMITH 8020Y03-55 20GPM FLOW RATE PER ASPC 1003.3.1



GENERAL NOTES		ELECTRICAL POWER PLANS	LEGEND
MARK	DESCRIPTION		
1	NATURAL GAS REGULATOR, REDUCE PRESSURE FROM 2 PSI TO 11"WC - ORIENT VENT IN DOWNWARD DIRECTION - CONNECT NGAS PIPING TO HVAC UNITS AS REQUIRED TO SERVE EQUIPMENT - SEE HVAC PLANS FOR EQUIPMENT INFORMATION		----- HOT WATER ----- GOLD WATER
2	PROVIDE EMERGENCY SHUT-OFF VALVE FOR NATURAL GAS SERVICE TO KITCHEN EQUIPMENT - LOCATE ELECTRONICALLY ACTIVATED VALVE AS SHOWN ON PLANS - COORDINATE W/ OWNER PRIOR TO INSTALLATION OF EMERGENCY SHUT-OFF SWITCH - SEE ELEC PLANS FOR POWER SUPPLY INFORMATION		----- SANITARY SEWER ----- VENTS
3	PROVIDE THERMO-OMEGA-TECH ICS SERIES CIRCUIT SOLVER THERMOSTATIC CIRCUIT SETTER BALANCING VALVE (SAME SIZE AS LINE, 1/4" HHR, 5" DELTA T) PROVIDE FULL PORT BALL VALVE AND UNION IMMEDIATELY UPSTREAM & DOWNSTREAM OF BALANCING VALVE. DEVICE SHALL CONFORM TO ASSE 1070 AND ASPE 416.5, 6071		----- GAS
4	GAS LINE & WATER LINES TO BE RUN OVER HARD CEILING ONLY - NOT AT OPEN CEILING		
5	TEMPERING VALVE REQUIRED THIS FIXTURE		
6	SPRINKLER RISER DESIGNED BY OTHERS - PLANS TO BE SUBMITTED FOR CITY APPROVAL PRIOR TO INSTALL BY LICENSED INSTALLER - LICENSES TO BE ON FILE W/ FIRE MARSHALL		



COMM. NO.: 91521
DATE: 2/28/2021
FILE:
LOT:

MDS

P2



Arkansas Department of Health

4815 West Markham Street • Little Rock, Arkansas 72205-3867 • Telephone (501) 661-2000

Governor Asa Hutchinson

José R. Romero, MD, Secretary of Health

March 15, 2022

Brittany Mortin
Mortin Design Services
131 Vernon Harvey Rd
Beebe, AR 72012
(870) 284-4054
bmortin.mds@gmail.com

RE: Project # 118641 PD# 22-0368
Tiger Commissary
2508 W Washington Avenue
Jonesboro, AR

The plans and specifications for the above referenced project have been reviewed and approved by the Plumbing and Natural Gas Section of the Arkansas Department of Health. No deviations from the accepted plans, specifications, and/or addenda will be permitted during construction except by prior written acceptance. This approval is valid for one (1) year from the date on this letter or this acceptance must be re-validated by contacting this office referring to the above referenced file numbers. **Note:** Plans & specifications will be discarded after completion of the review and in no case be retained for more than a six (6) month period.

This approval letter is for the plumbing portion of this project only. The architect, engineer, designer, or agent of the owner shall provide all contractors a copy of this letter. Swimming pools, public water/sewer extensions, fire protection systems, sewage disposal systems, and water wells are regulated by other sections of the Arkansas Department of Health, and are subject to plan review approval before construction begins; and furthermore, this letter shall serve as a provisional approval for food service until an official review is completed, if applicable. For more information for food service requirements, please contact Environmental Health Protection at (501) 661-2171.

All plumbing and gas work shall meet minimum state plumbing code standards and be performed by a duly licensed master plumber. While every effort is made to ensure these plans and specifications meet the plumbing & gas codes, the final approval for this project rests with the onsite inspection of the plumbing & gas systems by the certified plumbing inspector. Please refer to any attached comments with this letter regarding required changes or the need for additional plumbing.

For more information regarding this approval, please contact us at (501) 661-2642.

Sincerely,

Josh Hazlewood, Plan Review Examiner
Plumbing & Natural Gas Section
Protective Health Codes

CC: Matt Myers, State Plumbing Inspector
Municipal Plumbing Inspector

Project Comments and / or Needed Corrections

Project ID: 118641

PD # 22-0368

Project Name: Tiger Commissary

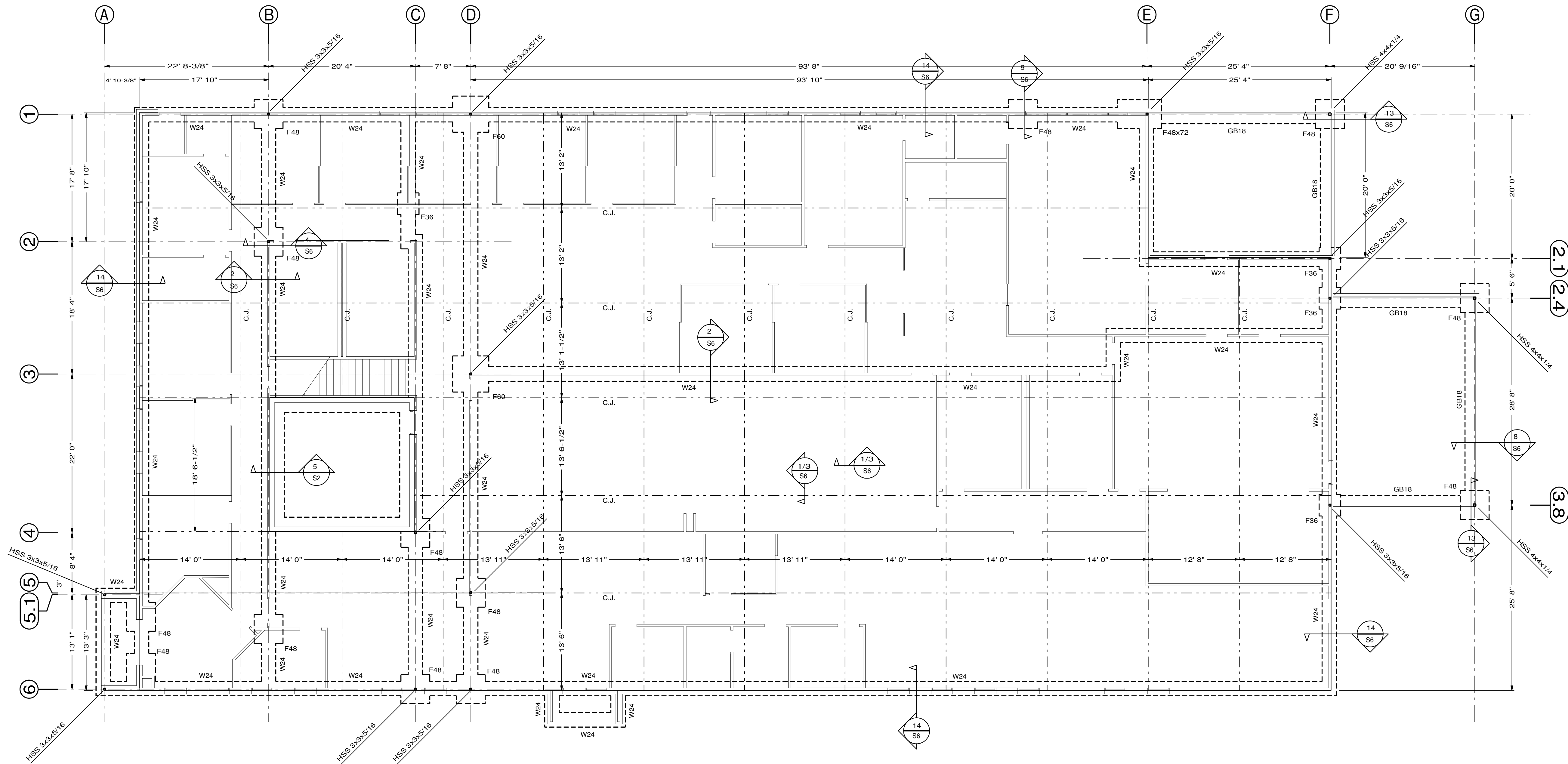
1. **ASPC 901.2.1 Venting required.** Traps and trapped fixtures shall be vented in accordance with one of the venting methods specified in this chapter.
2. **ASPC 802.1 Where required.** Food-handling equipment, dishwashing machines and dishwashing sinks shall discharge through an indirect waste pipe by means of an air gap as specified in Sections 802.1.1 through 802.1.8. (**3-Compartment Sink**)

FOUNDATION PLAN

NEW FACILITY FOR:
TIGER COMMISSARY
JONESBORO, AR

COMM. NO.:
DATE: 12/06/2021
FILE:
PLOT:

SI



FOUNDATION PLAN

SCALE 1/8"=1'

BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE

GRAVITY LOADS:

LIVE LOADS:
FLOOR.....100 psf
2nd FLOOR.....50 psf
ROOF.....20 psf

DEAD LOADS:

MISC.....ACTUAL WEIGHTS OF MATERIALS
ROOF.....10 psf

LATERAL LOADS:

WIND:
BASIC WIND SPEED.....115 mph
EXPOSURE CATEGORY.....C

SEISMIC:

SEISMIC USE GROUP.....Group I
SEISMIC IMPORTANCE FACTOR.....1.0
SPECTRAL RESPONSE COEFFICIENTS..... $S_{DS} = 0.926$
..... $S_{D1} = 0.489$
SITE CLASS.....D (ASSUMED)
SEISMIC DESIGN CATEGORY.....D
BASIC SEISMIC FORCE RESISTING SYSTEM.....PLYWOOD SHEAR WALLS W/ LOAD BEARING WOOD STUDS
DESIGN BASE SHEAR.....0.143 W
ANALYSIS PROCEDURE.....EQUIVALENT LATERAL FORCE (SIMPLIFIED)

STRUCTURAL DESIGN APPROACH

FOUNDATION SYSTEM:

THE FOUNDATION CONSISTS OF REINFORCED CONCRETE CONTINUOUS FOOTINGS WITH REINFORCED CONCRETE SPREAD FOOTINGS AT HEAVY POINT LOADS.

WALLS:

THE STRUCTURE UTILIZES WOOD FRAMING WITH LOAD BEARING STUD WALLS.

LATERAL STABILITY:

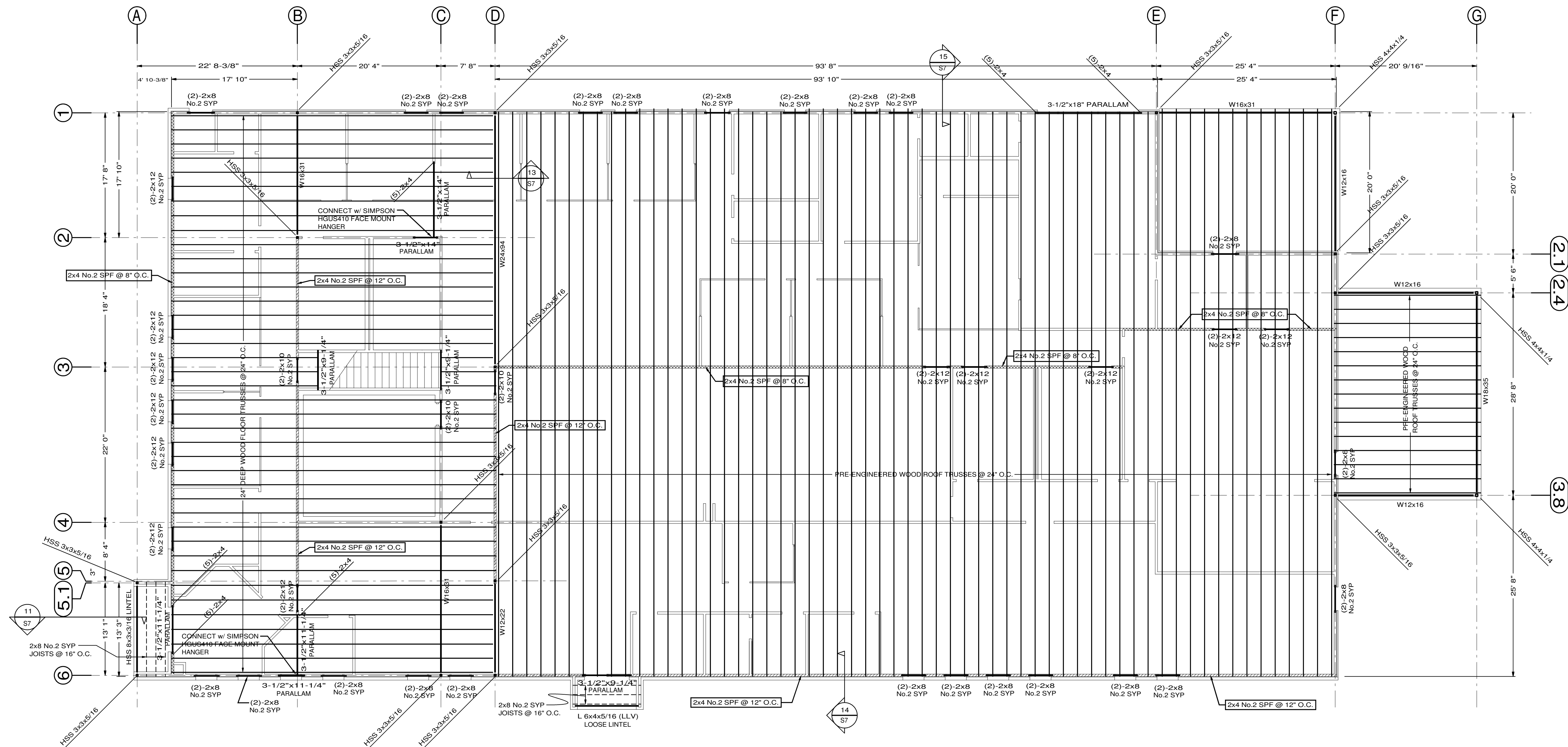
LATERAL STABILITY IS PROVIDED BY THE ROOF DECK ACTING AS A DIAPHRAGM SPANNING BETWEEN SHEAR TRANSFER ELEMENTS WITH PLYWOOD SHEAR WALLS.

SPREAD FOOTING SCHEDULE

FOOTING	DIMENSIONS	REINFORCEMENT DETAILS
F36	3'x3'x12"	(6) - #4 BARS @ 6" O.C. EACH WAY
F48	4'x4'x12"	(8) - #4 BARS @ 6" O.C. EACH WAY
F60	5'x5'x12"	(10) - #4 BARS @ 6" O.C. EACH WAY
F48x72	4'x6'x12"	(8) x (12) - #4 BARS @ 6" O.C. EACH WAY



SMITH ENGINEERING CO.
CIVIL & STRUCTURAL
P.O. BOX 299 • MARION, AR 72364 • (870) 739-5533



FRAMING PLAN

SCALE 1/8"=1'

WALL FRAMING SCHEDULE

EXTERIOR
2x4 SPF No.2 @ 16" O.C. U.N.O.
FULLY SHEATHED w/ BLOCKING
@ 1/3 POINTS

INTERIOR LOAD BEARING
2x4 SPF No.2. SEE PLAN FOR SPACING
@ 16" O.C. IF NOT NOTED, w/ BLOCKING
@ 1/3 POINTS

ROOF DECKING SCHEDULE

DECKING
5/8" O.S.B. RATED DECKING
EDGE NAILS = 10d (3"x0.148") @ 4" O.C.
FIELD NAILS = 10d (3"x0.148") @ 12" O.C.
PROVIDE BLOCKING @ ALL PANEL EDGES

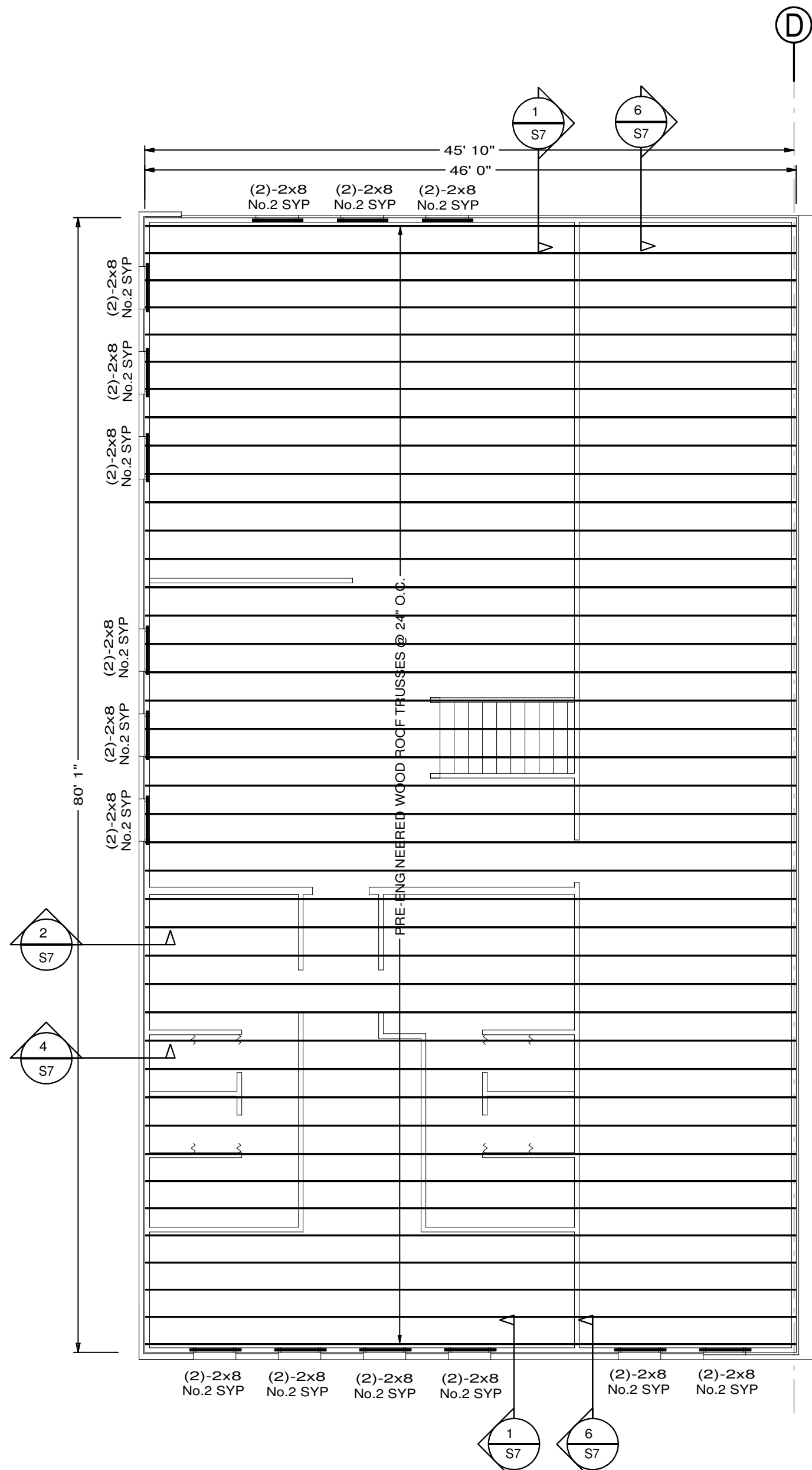
RAFTER TIES
(2)-SIMPSON STRONG TIE H2.5A
OR (2) USP CONNECTORS RT7A
@ EACH RAFTER TRUSS

FLOOR TRUSS DESIGN LOADING

Top Chord Live Load = 50 psf
Top Chord Dead Load = 15 psf
Bottom Chord Live Load = 0 psf
Bottom Chord Dead Load = 10 psf

ROOF TRUSS DESIGN GRAVITY LOADING

Top Chord Live Load = 20 psf
Top Chord Dead Load = 15 psf
Bottom Chord Live Load = 10 psf
Bottom Chord Dead Load = 10 psf



HIGH ROOF FRAMING PLAN
SCALE 1/8"=1'

WALL FRAMING SCHEDULE

EXTERIOR
2x4 SPF No.2 @ 16" O.C. U.N.O.
FULLY SHEATHED w/ BLOCKING
@ 1/3 POINTS

INTERIOR LOAD BEARING
2x4 SPF No.2, SEE PLAN FOR SPACING
@ 16" O.C. IF NOT NOTED, w/ BLOCKING
@ 1/3 POINTS

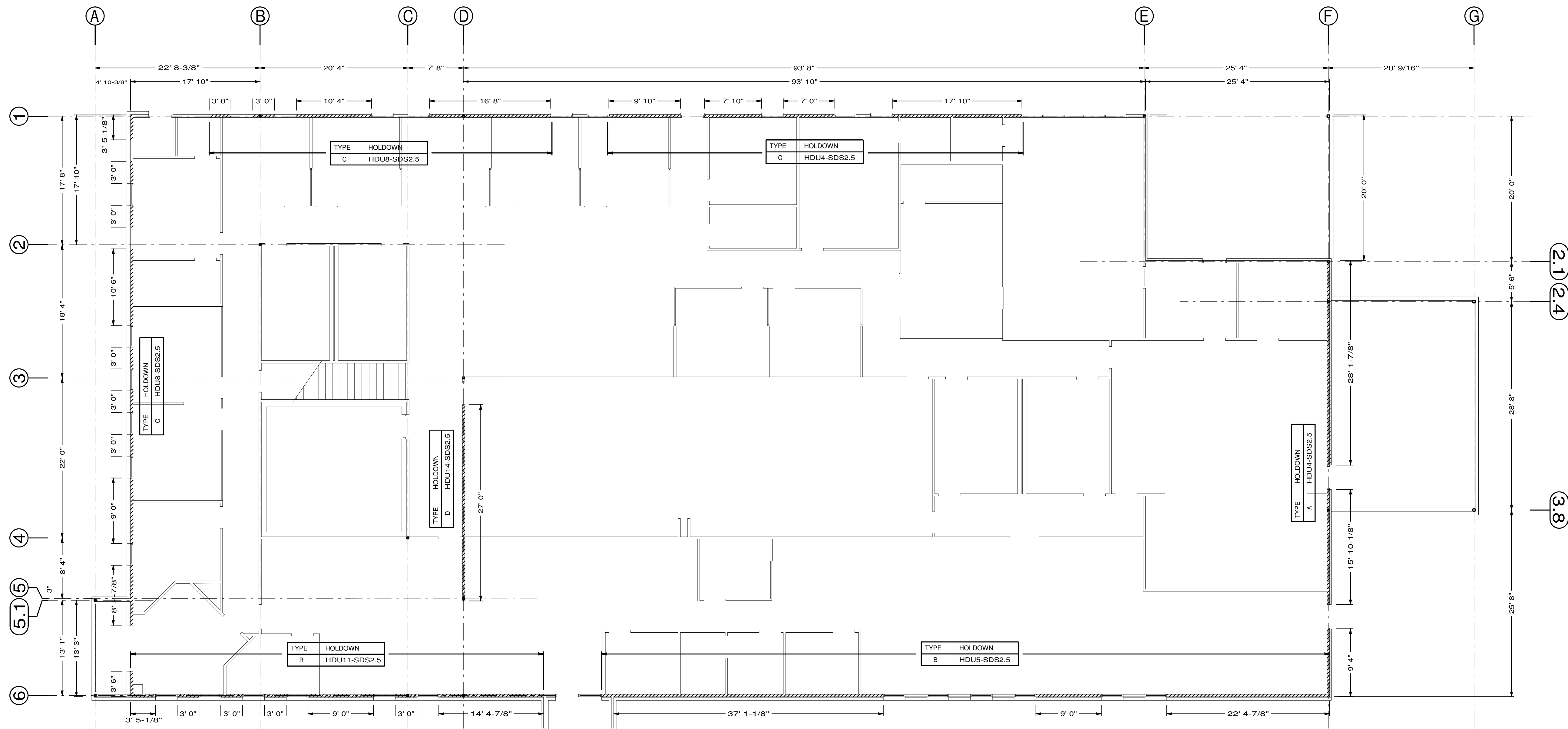
ROOF DECKING SCHEDULE

DECKING
5/8" O.S.B. RATED DECKING
EDGE NAILS = 10d (3"x0.148") @ 4" O.C.
FIELD NAILS = 10d (3"x0.148") @ 12" O.C.
PROVIDE BLOCKING @ ALL PANEL EDGES

RAFTER TIES
(2)-SIMPSON STRONG TIE H2.5A
OR (2) USP CONNECTORS RT7A
@ EACH RAFTER TRUSS

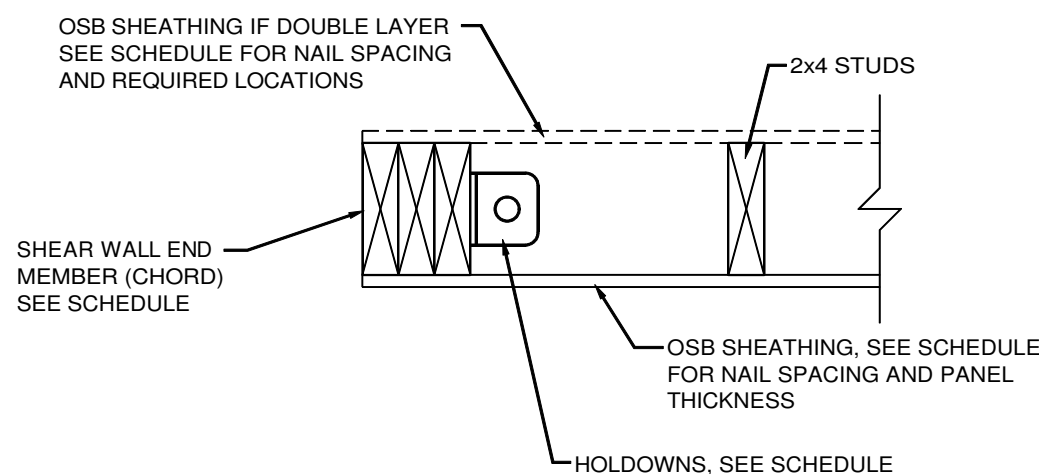
ROOF TRUSS DESIGN GRAVITY LOADING

Top Chord Live Load = 20 psf
Top Chord Dead Load = 15 psf
Bottom Chord Live Load = 10 psf
Bottom Chord Dead Load = 10 psf



FIRST FLOOR LATERAL FORCE RESISTANCE SYSTEM PLAN

SCALE 1/8"=1'



1 SHEAR WALL CHORD DETAIL

SCALE 1-1/2"=1'

NOTE:
INTERIOR SHEAR WALL HOLDOWN
ANCHOR BOLTS MAY BE EITHER
CAST-IN-PLACE OR POST-INSTALLED
w/ SIMPSON STRONG-TIE SET-3G
EPOXY, EMBEDMENT AS FOLLOWS:
1-1/4" DIAM - 14" EMBED
1" DIAM - 10" EMBED
3/4" DIAM - 8" EMBED
5/8" DIAM - 8" EMBED

HOLDOWN SCHEDULE

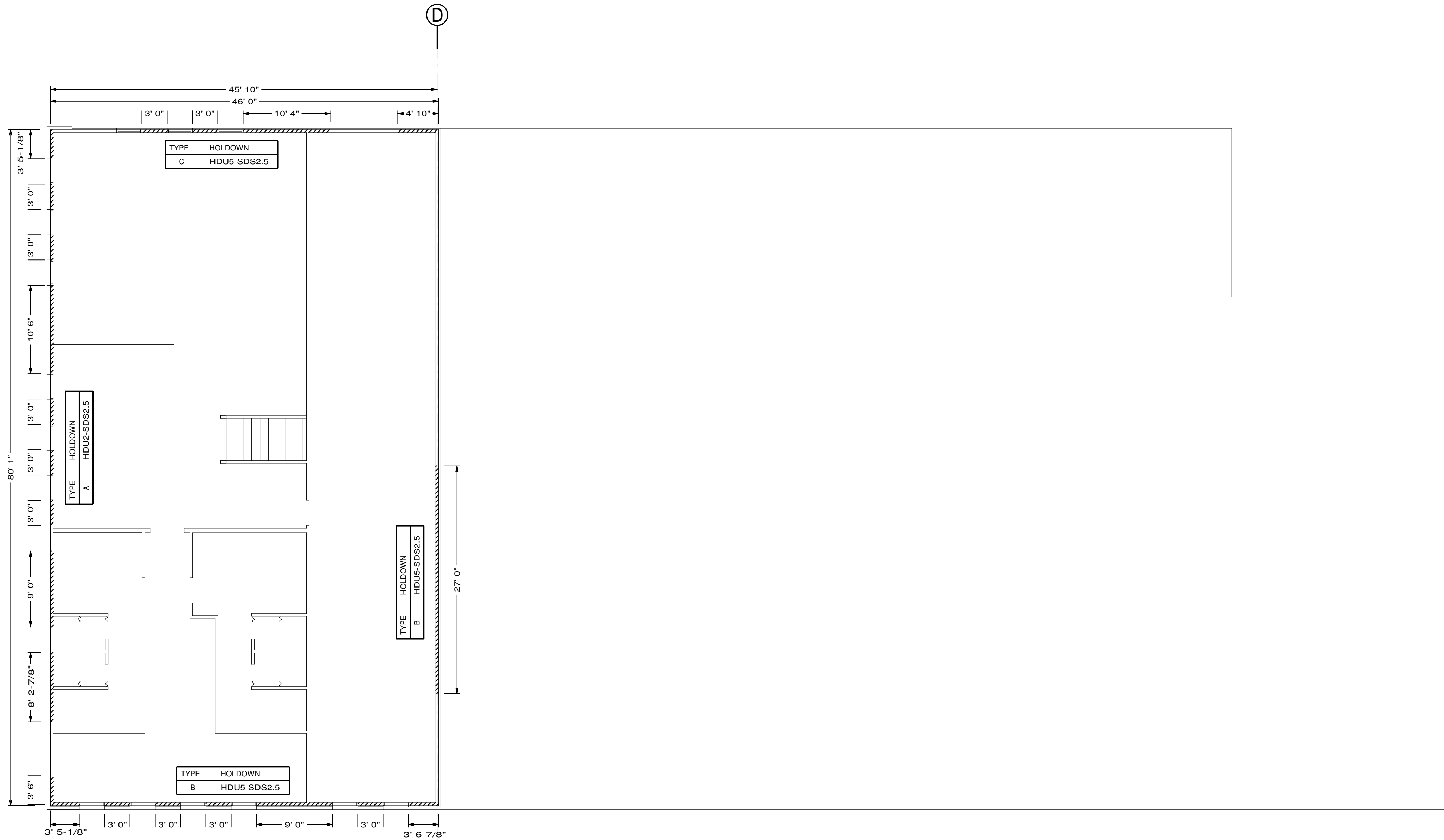
- HDU2-SDS2.5**
SIMPSON STRONG-TIE HDU2-SDS2.5
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU4-SDS2.5**
SIMPSON STRONG-TIE HDU4-SDS2.5
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU5-SDS2.5**
SIMPSON STRONG-TIE HDU5-SDS2.5
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU8-SDS2.5**
SIMPSON STRONG-TIE HDU8-SDS2.5
HOLDOWNS WITH 7/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU11-SDS2.5**
SIMPSON STRONG-TIE HDU11-SDS2.5
HOLDOWNS WITH 1" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (4) STUDS
- HDU14-SDS2.5**
SIMPSON STRONG-TIE HDU14-SDS2.5
HOLDOWNS WITH 1" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (5) STUDS

SHEATHING SCHEDULE

- TYPE A SHEATHING**
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 4" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"
- TYPE B SHEATHING**
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 3" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"
- TYPE C SHEATHING**
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 2" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"
MUST UTILIZE DOUBLED STUDS
AT ALL PANEL EDGES
- TYPE D SHEATHING**
(2)-LAYERS 19/32" O.S.B. SHEATHING
(1 LAYER ON EACH FACE, STAGGER JOINTS)
EDGE NAILS = 10d @ 2" O.C.
FIELD NAILS = 10d @ 6" O.C.
MIN FASTNER PENETRATION = 1-1/2"
MUST UTILIZE DOUBLED STUDS
AT ALL PANEL EDGES

DECKING SCHEDULE

- DECKING**
3/4" RATED DECKING
EDGE NAILS = 10d @ 6" O.C.
FIELD NAILS = 10d @ 12" O.C.
(3" x 0.148")



SECOND FLOOR LATERAL FORCE RESISTANCE SYSTEM PLAN

SCALE 1/8"=1'

HOLDOWN SCHEDULE

- HDU2-SDS2.5**
SIMPSON STRONG-TIE HDU2-SDS2.5
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU4-SDS2.5**
SIMPSON STRONG-TIE HDU4-SDS2.5
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU5-SDS2.5**
SIMPSON STRONG-TIE HDU5-SDS2.5
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU8-SDS2.5**
SIMPSON STRONG-TIE HDU8-SDS2.5
HOLDOWNS WITH 7/8" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (2) STUDS
- HDU11-SDS2.5**
SIMPSON STRONG-TIE HDU11-SDS2.5
HOLDOWNS WITH 1" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (4) STUDS
- HDU14-SDS2.5**
SIMPSON STRONG-TIE HDU14-SDS2.5
HOLDOWNS WITH 1" DIAM. ANCHOR BOLTS
MUST BE INSTALLED WITH MIN. (5) STUDS

SHEATHING SCHEDULE

- TYPE A SHEATHING**
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 4" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"
- TYPE B SHEATHING**
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 3" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"
- TYPE C SHEATHING**
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 2" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"
MUST UTILIZE DOUBLED STUDS
AT ALL PANEL EDGES
- TYPE D SHEATHING**
(2) LAYERS 19/32" O.S.B. SHEATHING
(1 LAYER ON EACH FACE, STAGGER JOINTS)
EDGE NAILS = 10d @ 2" O.C.
FIELD NAILS = 10d @ 6" O.C.
MIN FASTNER PENETRATION = 1-1/2"
MUST UTILIZE DOUBLED STUDS
AT ALL PANEL EDGES

DECKING SCHEDULE

- DECKING**
3/4" RATED DECKING
EDGE NAILS = 10d @ 6" O.C.
FIELD NAILS = 10d @ 12" O.C.
(3" x 0.148")

WOOD NOTES:

GENERAL:

- All framing lumber shall be No.2 Southern Pine unless noted otherwise.
- All plywood shall be structural APA rated panels, Exposure I, conforming to Product Standard PS-1.
- Standard cut washers shall be used under head and nuts against wood.
- The anchors for plates shall be placed 8" from the end of a plate and at intervals noted on the plans.
- Do not notch bottoms of wood members. Obtain architect/engineer approval for any holes in all wood members other than those required for structural assembly. Holes through sills, plates, studs, and double plates in interior bearing and shear walls shall not exceed 1/3 of the plate width and shall be bored holes placed in the center of the stud or plate. Notching is not permitted.
- Nailed connections shall conform to Table 2304.9.1 of the International Building Code.
- End distance, edge distance and spacing of nails shall be such to avoid splitting of the wood.
- Nailing not noted shall be at least two nails at all contact points.
- When headers are not shown, Table 2308.9.5 through 2308.9.6 of the International Building Code shall apply.

BEAMS:

- Beams shall be comprised of solid sawn Southern Pine lumber unless noted otherwise. The size and grade of each beam shall be as shown on the plan.
- Individual members comprising beams shall be adequately bonded together to act as a single unit.
- All beams shall be supported by (3) - 2x4 No.2 or better Douglas Fir studs unless noted otherwise.
- All beams shall be adequately anchored to prevent lateral and/or in-plane displacement.

STUD WALLS:

- Studs shall be 2X4 No.2 SPF or better unless noted otherwise.
- Stud spacing shall be 16" O.C. unless noted otherwise.
- All studs shall have blocking at the midpoint unless noted otherwise. Blocking shall consist of solid sawn lumber of the same size as the studs being blocked.

PLYWOOD SHEAR WALLS:

- OSB panels shall be placed with long dimensions parallel to wall studs.
- Nailing schedule: (unless otherwise noted)
 - 8d @ 3" O.C. at panel edges and framed openings.
 - 8d @ 6" O.C. at intermediate studs and blocking.
- Shear wall locations shall be as shown on the plan.

PLYWOOD ROOF DECK:

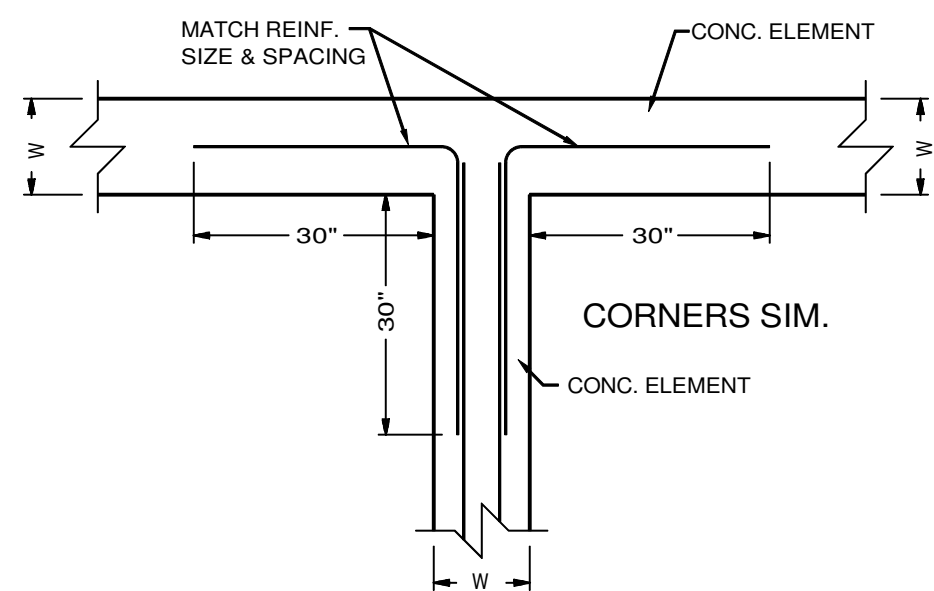
- OSB panels to be placed with long dimensions perpendicular to supports.
- Provide double 2x shaped blocking along main ridge lines, valleys and all hip ridges.
- Nailing schedule:
 - 8d @ 8" O.C. around roof perimeter at eave, gable ends, and at each side of main ridge lines and valleys.
 - 8d @ 6" O.C. at all other panel edges.
 - 8d @ 12" O.C. in panel field @ each rafter.

PARALLAM BEAMS:

- All members shall be manufactured in accordance with US Department of Commerce voluntary standard PS 56-73, ATC standard 117-79, National Service, Inc. (NCS) report number NER-292, or CC MC report number 111161-R, and other AITC standards.
- Parallam beams shall be manufactured from strands of wood fiber and shall be coated with exterior type adhesive (phenol, formaldehyde) and oriented to the length of the member. Use Parallam beams by Trusjoist/McMillan or equal.
- Parallam shall have the following properties:
 - Flexural Stress, $f_b = 2,900$ psi
 - Tension Parallel to Grain, $f_t = 2,400$ psi
 - Compressive Strength, $f_c = 2,900$ psi
 - Horizontal Shear, $f_v = 210$ psi
 - Modulus of Elasticity, $E = 2,000,000$ psi
- The parallam wood fabricator shall furnish shop drawings, unless noted otherwise, for review by the architect/engineer before fabrication.

ROOF TRUSSES:

- Roof Trusses shall be designed to support the following loads:
 - Top Chord Live Load = 20 psf
 - Top Chord Dead Load = 15 psf
 - Bottom Chord Live Load = 10 psf
 - Bottom Chord Dead Load = 10 psf
- Roof Truss dimensions and spacing shall be per manufacturer's recommendations.
- Roof Truss manufacturer shall provide all bracing requirements for trusses, both temporary and permanent.
- Do not place concentrated loads atop the trusses until all specified bracing has been installed and the sheathing permanently nailed in place. Specifically avoid stacking bundles of plywood atop unshathed trusses. Lift plywood sheets individually onto roof only as required during sheathing.
- Specified mechanical equipment shall be placed in the attic only upon completion of the entire roof structural system.
- Truss manufacturer shall check system design of all members against the net uplift forces created by the basic wind speed as indicated on the structural drawings.



10 REINF. INTERSECTION
SCALE 1/2"=1'

CONCRETE NOTES:

GENERAL:

- All concrete shall have a minimum 28 day compressive strength, (f'_c), of 3,000 psi for footings and 4,000 psi for slabs.
- All concrete work shall conform to the latest ACI Specifications.
- Coarse aggregate for concrete shall not contain lignite, steel, or other materials that may be detrimental to the concrete.
- Fly ash in concrete mix shall not be permitted.
- Horizontal construction joints shall be permitted only where shown on the structural drawings. Horizontal or near horizontal joints shall be prepared by roughening the surface in an approved manner so that the aggregate is exposed uniformly, leaving no balance, loosened particles, or damaged concrete.
- Contractor shall verify dimensions and locations of all openings, pipe sleeves, curbs, etc., as required by other trades before concrete is placed.
- Pipes or conduit placed in foundation and slabs shall not be placed closer than 3 diameters on center. Aluminum conduits shall not be placed in concrete.
- All footings shall bear on firm, undisturbed soil or an approved select fill material compacted to at least 95% of optimum density as determined by the Standard Compaction Test, ASTM D-698.
- The design bearing capacity, $q_u = 1,500$ psf.
- Location of slotted inserts, weld plates and all other items to be embedded in concrete shall be coordinated with architectural and mechanical drawings.

REINFORCEMENT:

- All reinforcing steel shall conform to ASTM-615, Grade 60, $f_y = 60$ ksi.
- Minimum cover on all reinforcing steel shall be 3".
- All reinforcing bars splices shall be lap splices with a minimum overlap of 30".
- All reinforcing steel shall be fabricated and placed per the latest edition of the ACI Building Code (ACI-318).
- All reinforcement shall be securely held in place while placing concrete. If required, additional bars or stirrups shall be provided by the contractor to support all bars.
- Reinforcing bars shall not be welded, unless specifically noted on the drawing, as being welded, welded reinforcement shall conform to ASTM A-706.
- Provide corner bars in all walls and at wall intersections to match size and spacing of horizontal bars in those walls.

WELDED WIRE FABRIC:

- All welded wire fabric shall conform to the latest edition of ASTM-185, Specifications for Welded Wire Fabric for Concrete Reinforcement.
- All laps in welded wire fabric shall be one mesh plus 2 inches at splice.
- Welded wire fabric shall be provided in flat sheets. Roll wire shall not be permitted.

STRUCTURAL STEEL NOTES:

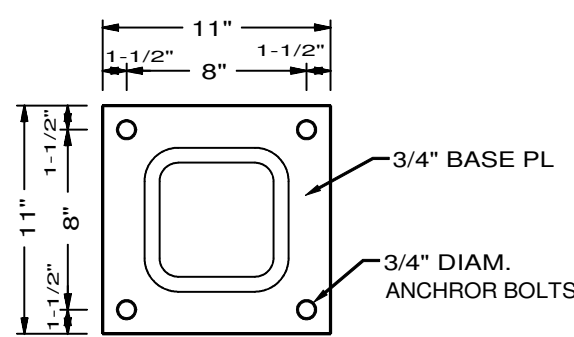
GENERAL:

- All rolled wide flange shapes shall conform to ASTM A-992, $f_y = 50$ ksi.
- All hollow structural shapes (HSS) shall conform to ASTM A-500, Grade B, $f_y = 46$ ksi.
- All plates shall conform to ASTM A-36, $f_y = 36$ ksi.
- All misc. steel shall conform to ASTM A-36, $f_y = 36$ ksi, unless noted otherwise.
- All steel details shall be in accordance with the latest AISC Specifications (including AISC Seismic Provisions when applicable).
- Splicing of structural steel members where not detailed is prohibited without prior approval. If approved, the contractor shall have the connection tested by ultrasound by an independent testing lab.
- No change in size or position of the structural elements shall be made. Holes, slots, cuts, etc., are not permitted through any member unless they are detailed on the approved shop drawings.

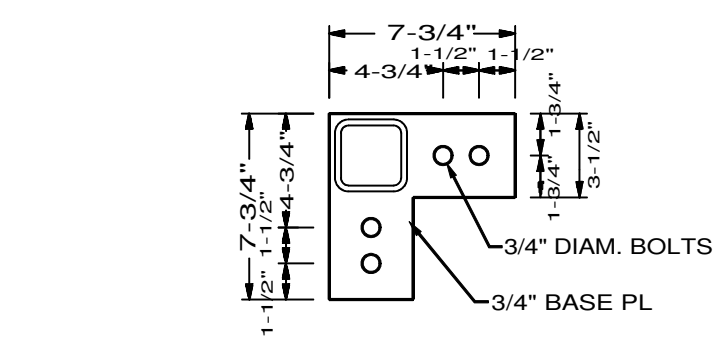
WELDS:

- All welding shall be performed by certified welders in accordance with AWS specifications.
- All welding electrodes shall conform to AWS A5.1 Grade E-70.

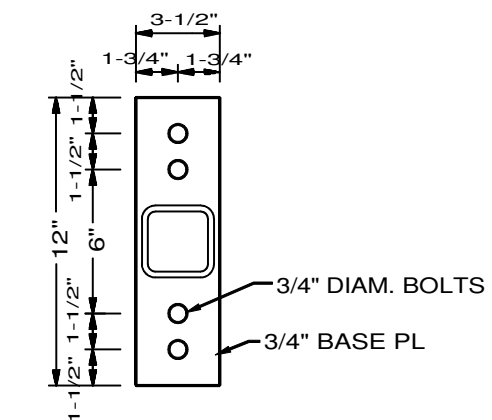
6 HSS INTERIOR BASE PLATE
SCALE 1-1/2"=1'



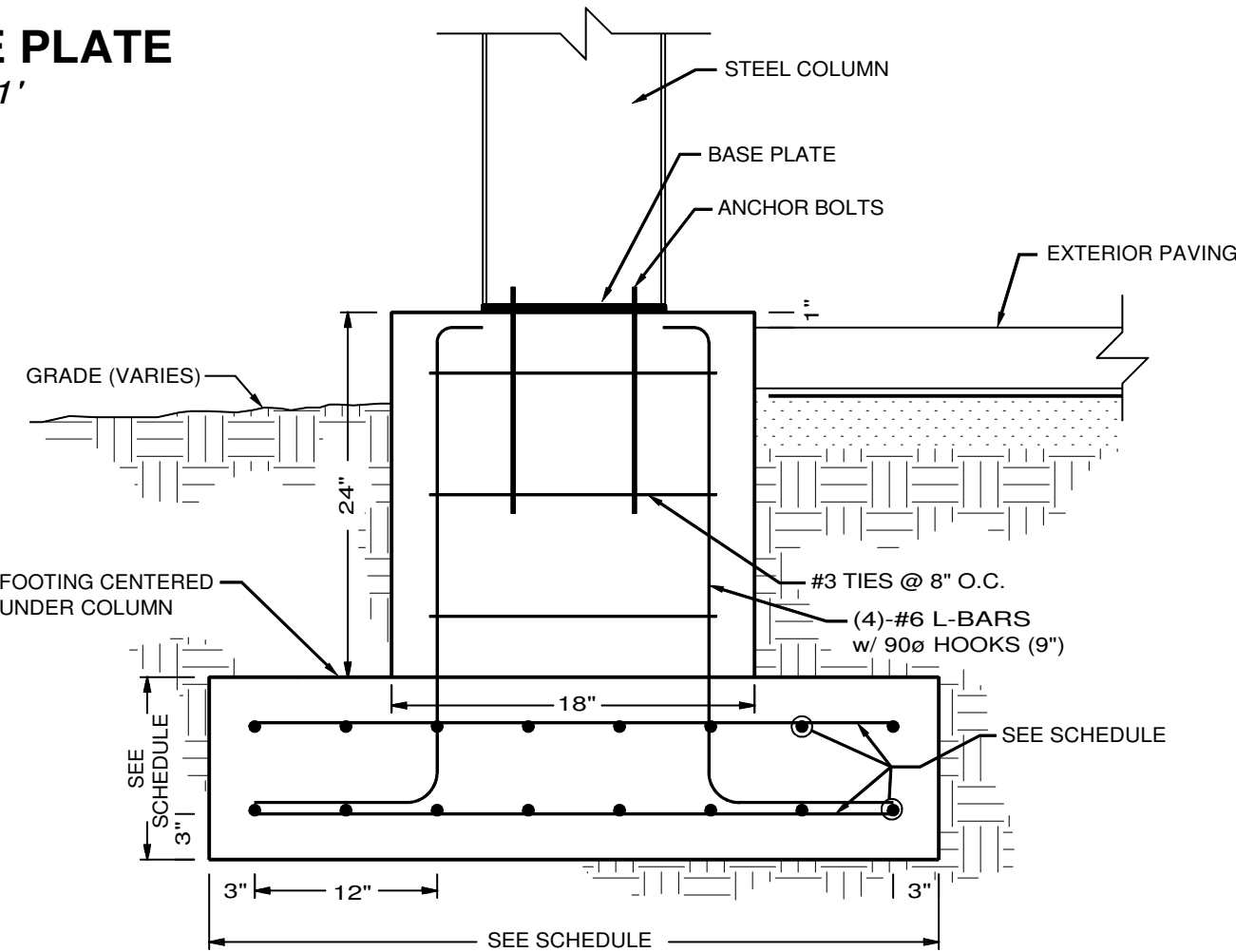
7 HSS CORNER BASE PLATE
SCALE 1-1/2"=1'



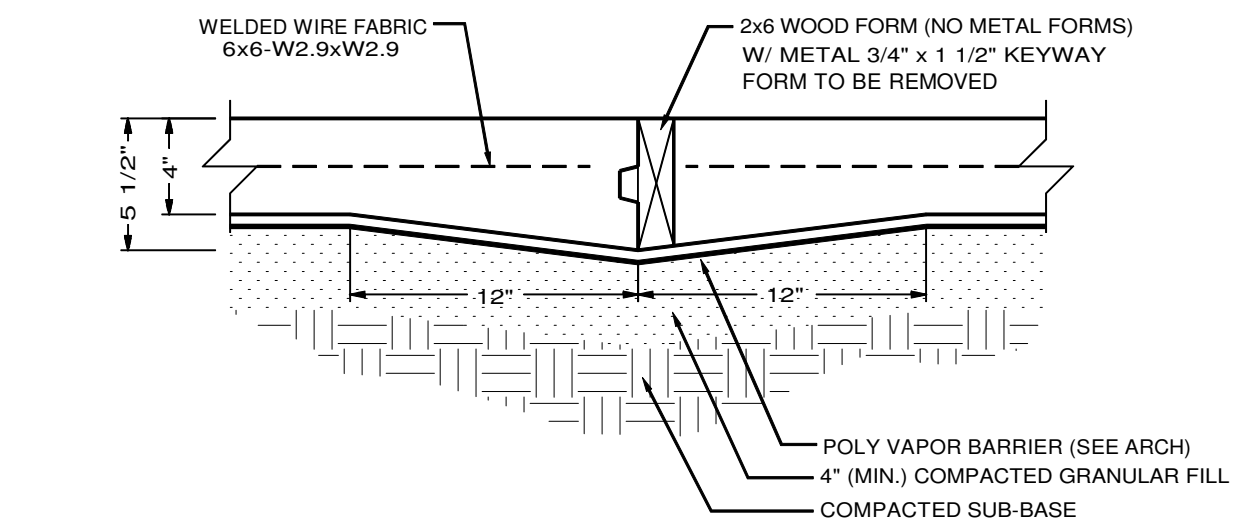
12 HSS BASE PLATE
SCALE 1-1/2"=1'



13 SPREAD FOOTING SECTION
SCALE 1"=1'

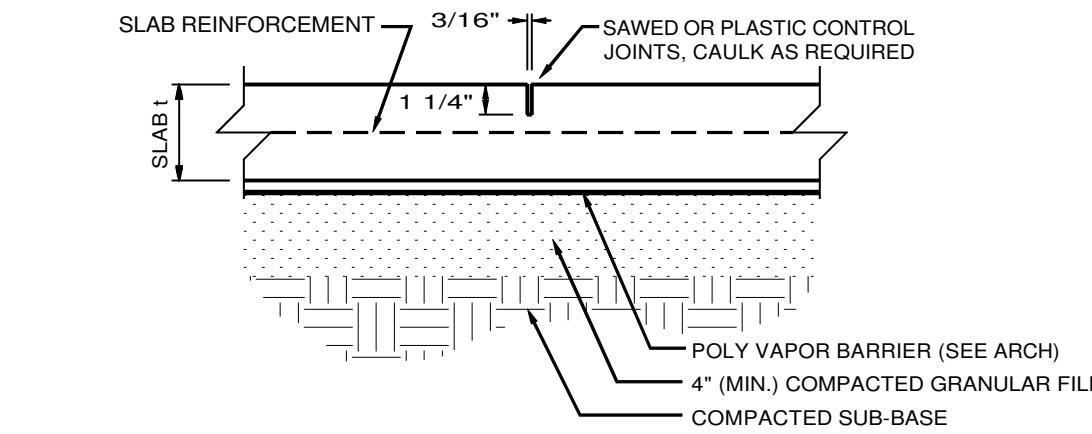


1 SLAB CONSTRUCTION JOINT DETAIL

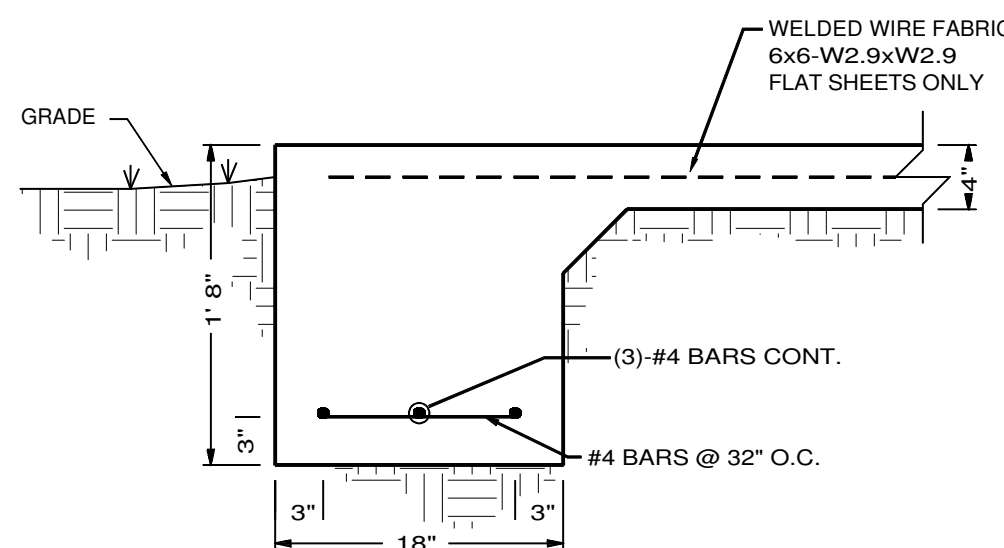


NOTE TO CONTRACTOR:
CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY SLAB IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE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

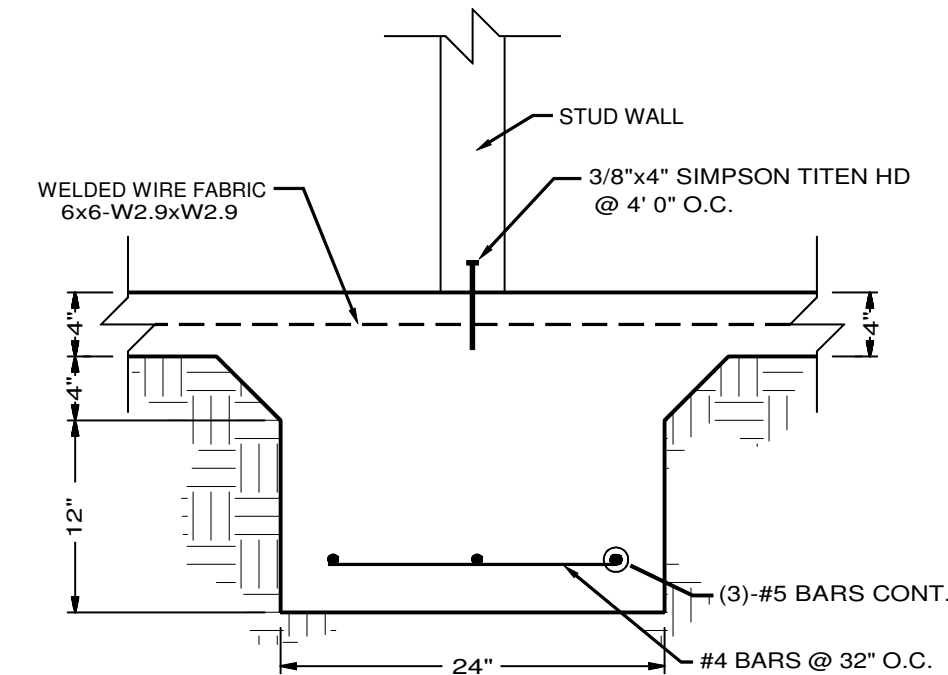
3 SLAB CONTROL JOINT DETAIL



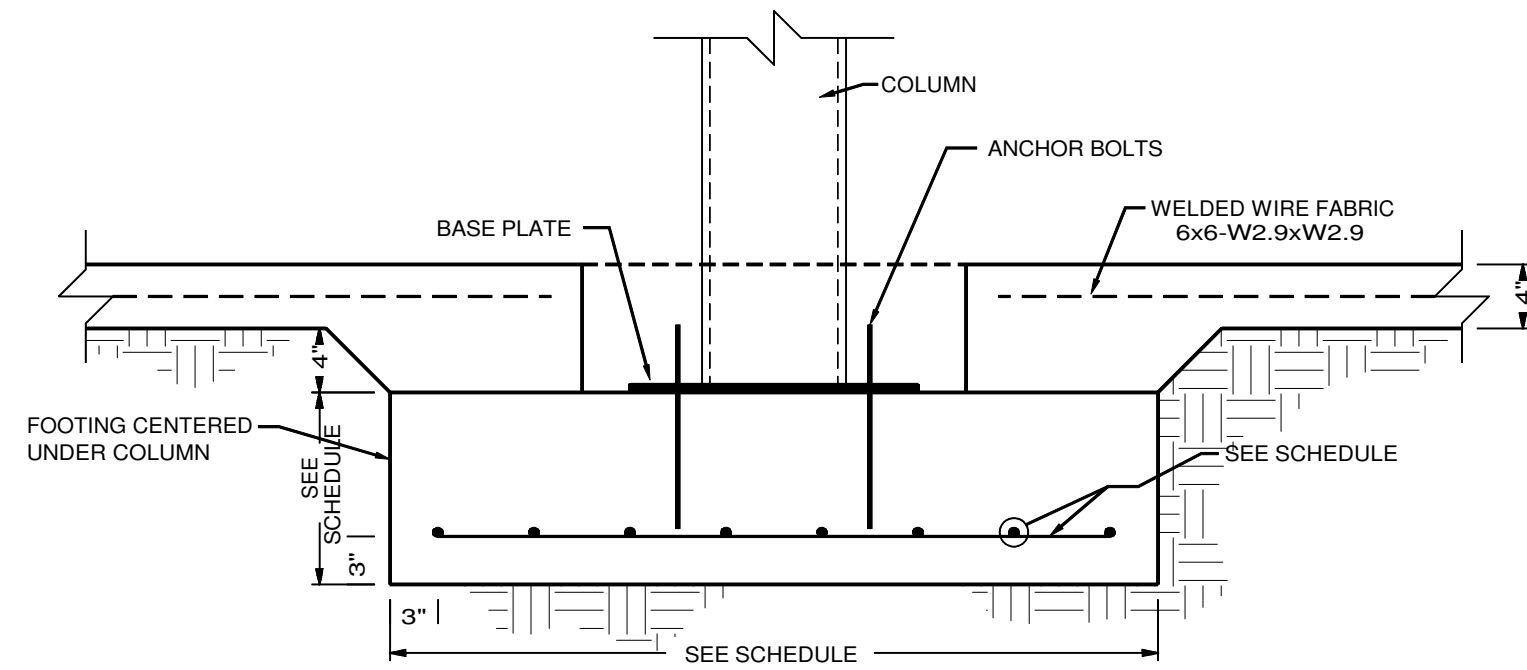
8 PORCH FOOTING (GB18)
SCALE 1"=1'



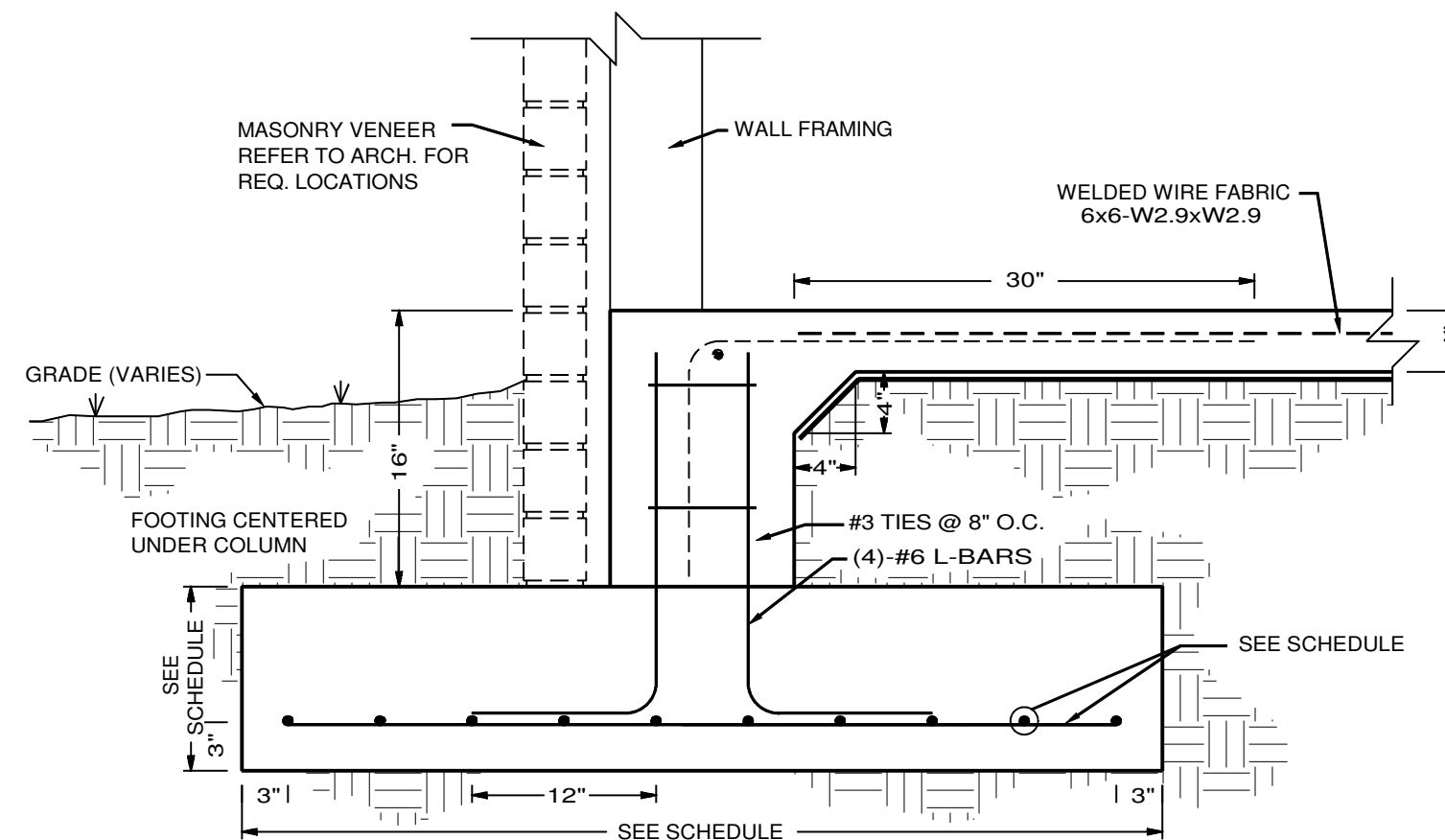
2 INTERIOR FOOTING (W24)
SCALE 1"=1'



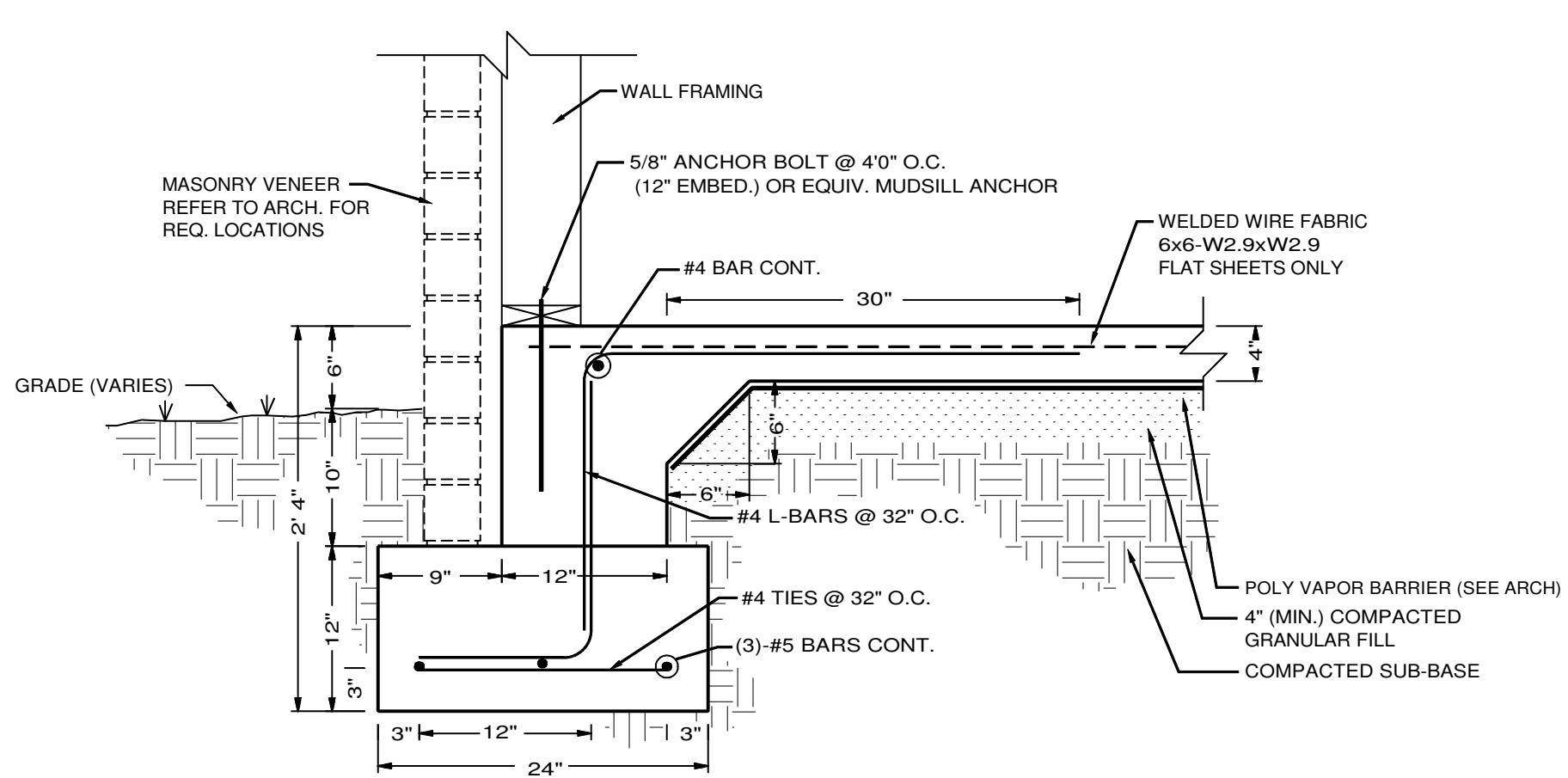
4 SPREAD FOOTING @ INTERIOR COLUMN
SCALE 1"=1'

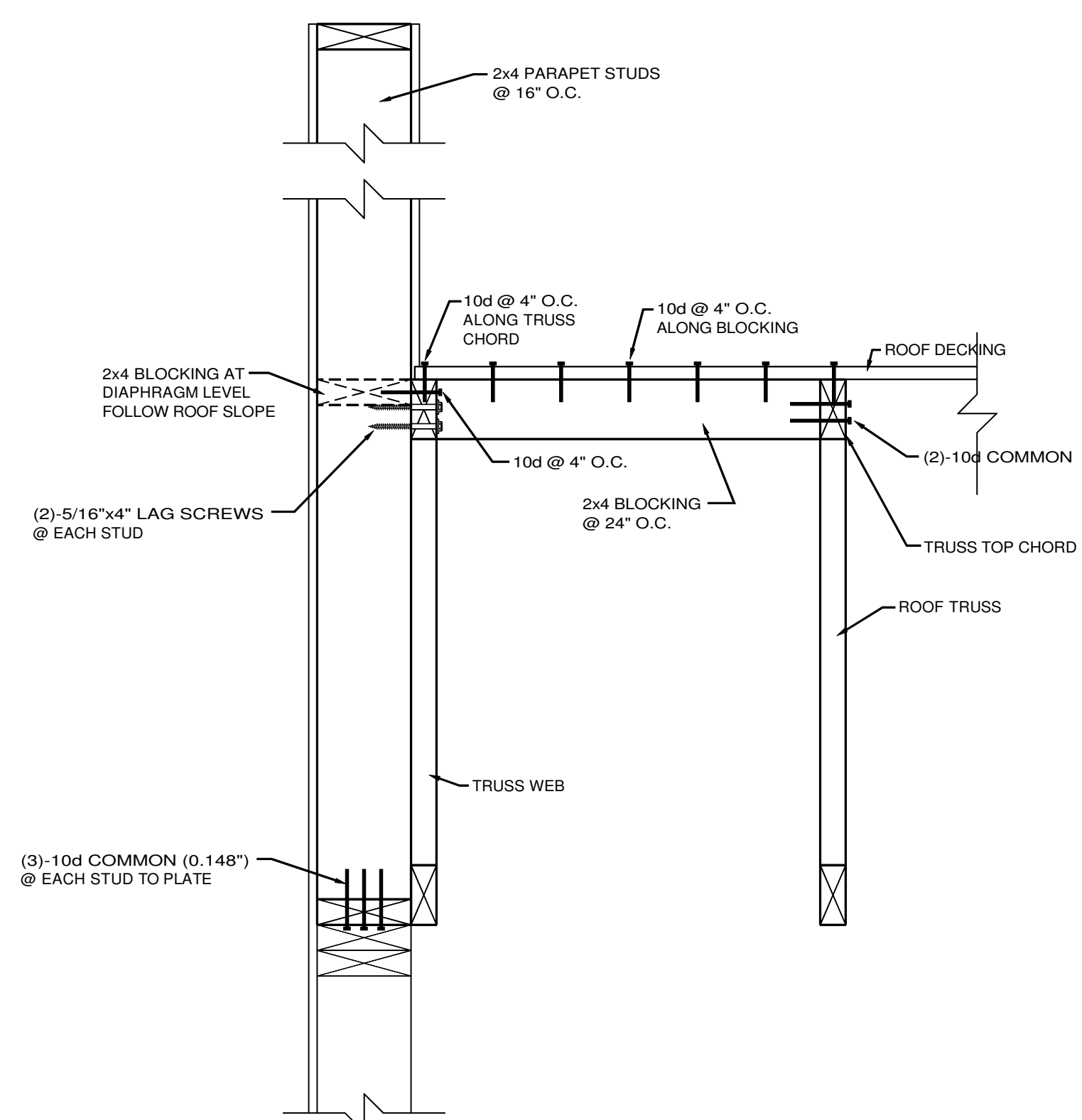


9 EXTERIOR SPREAD FOOTING
SCALE 1"=1'

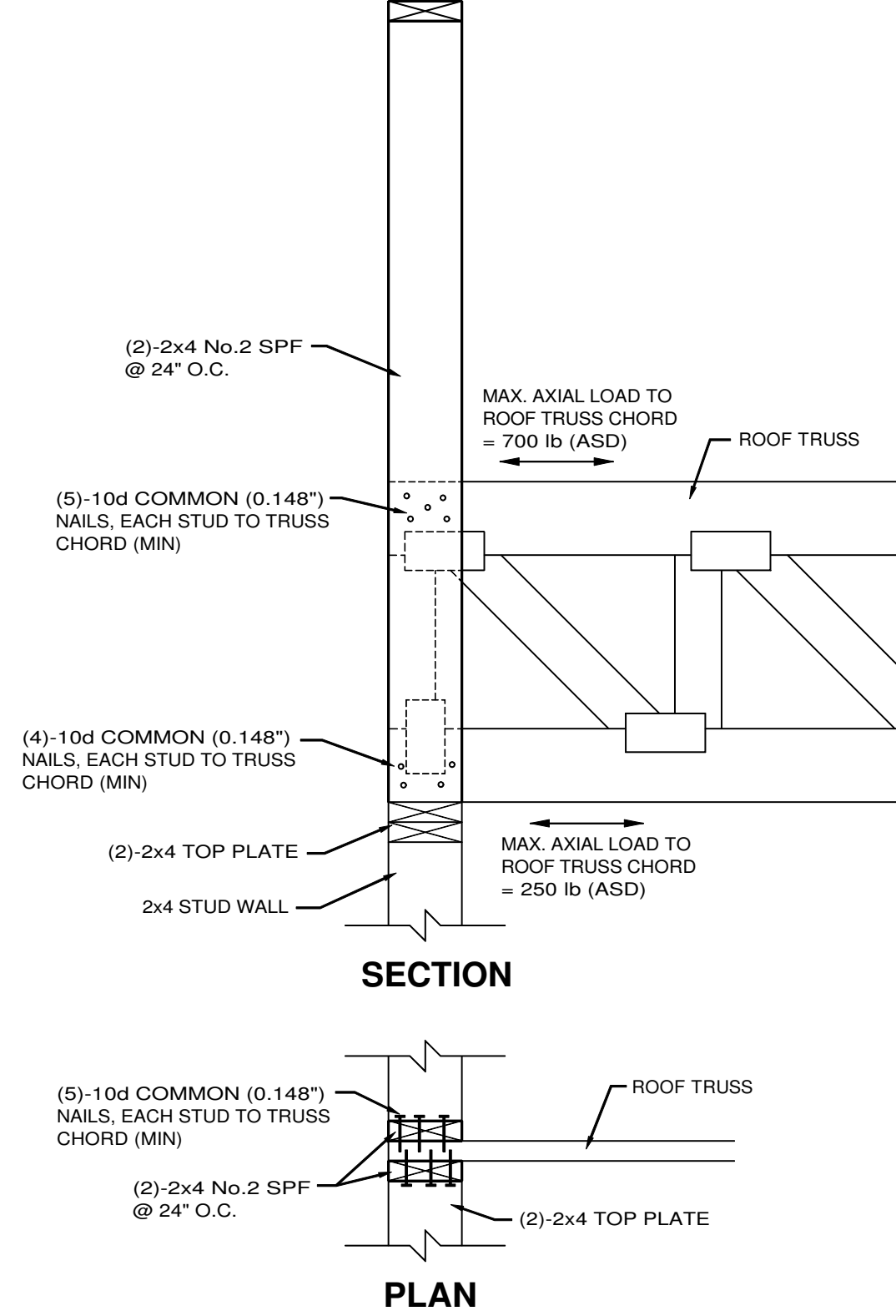


14 EXTERIOR STRIP FOOTING SECTION
SCALE 1"=1'

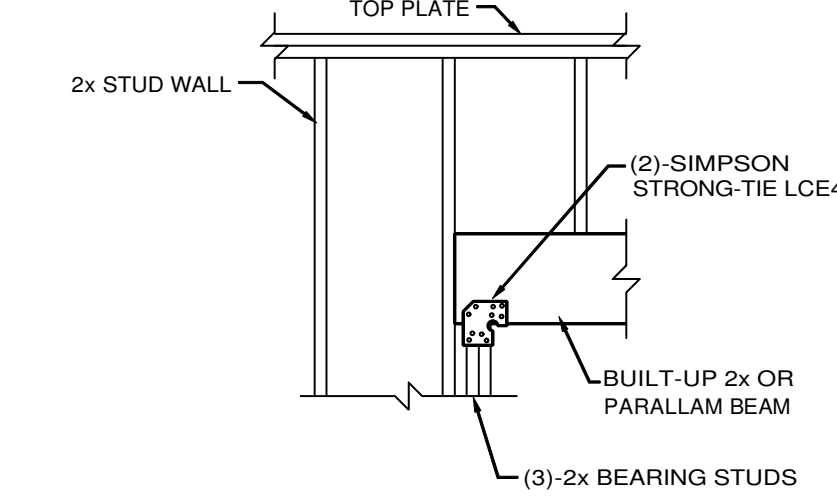




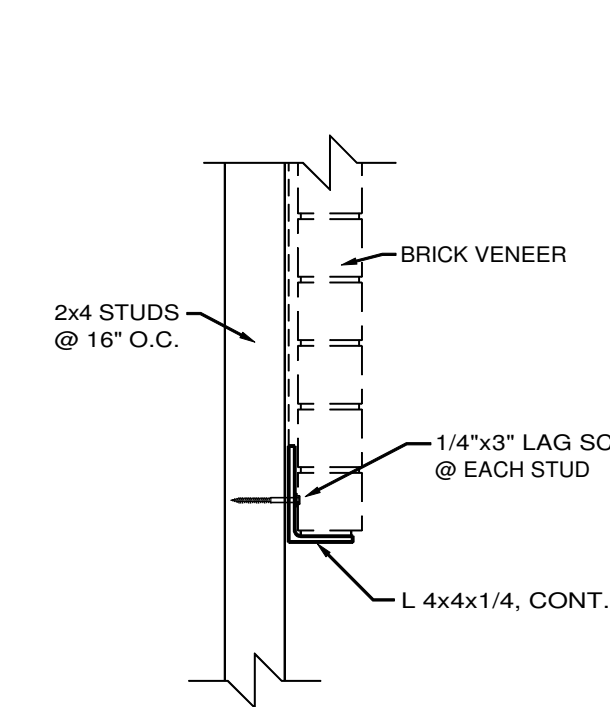
1 SIDE WALL PARAPET FRAMING
SCALE 1-1/2"=1'



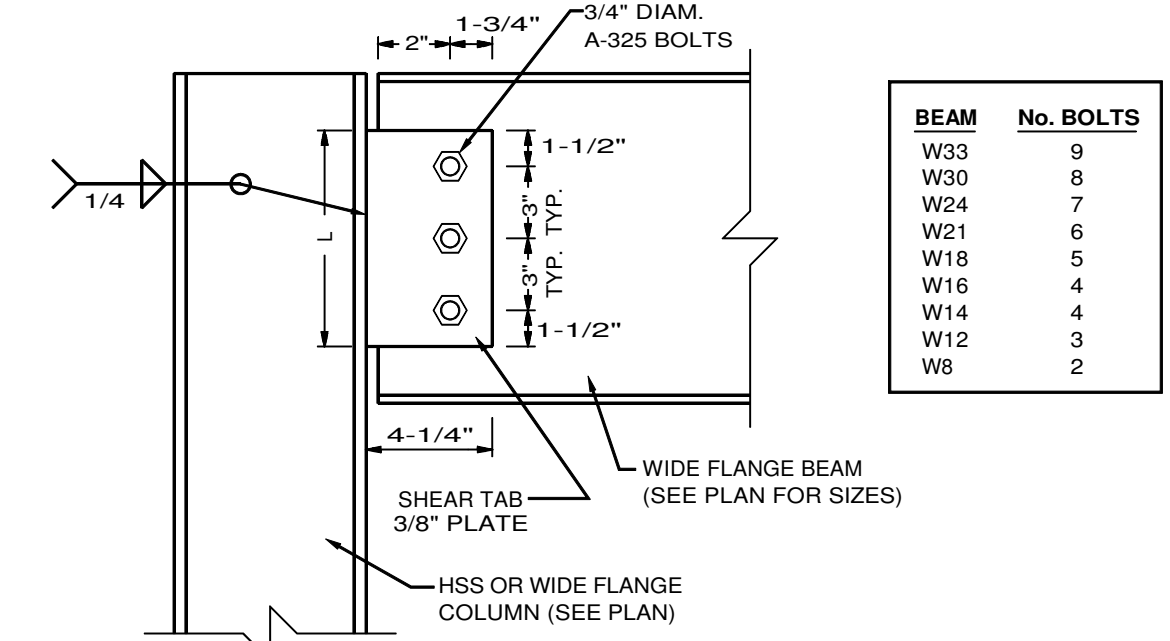
2 PARAPET FRAMING AT TRUSS BEARING
SCALE 1"=1'



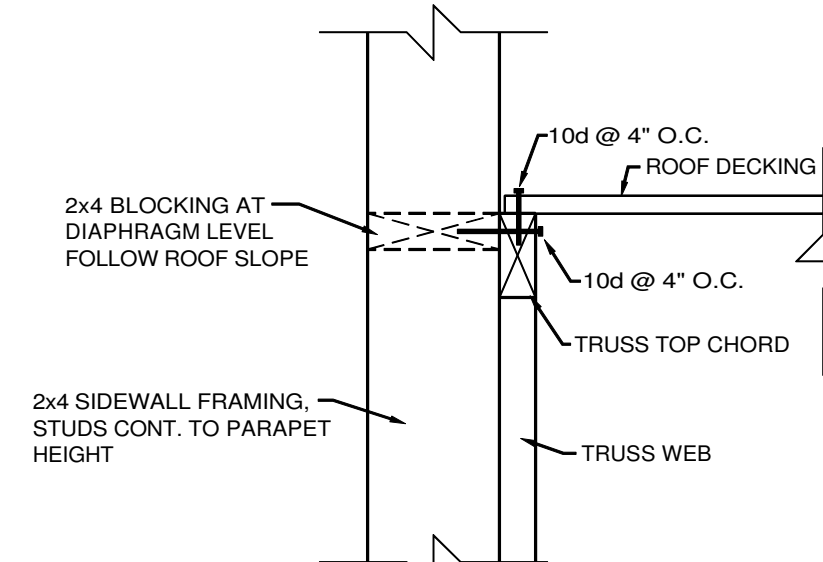
3 WOOD BEAM BEARING DETAIL
SCALE 1/2"=1'



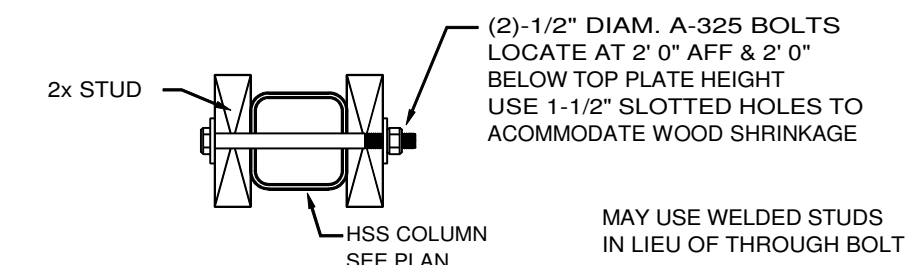
4 BRICK LINTEL AT HIGH BAND
SCALE 1"=1'



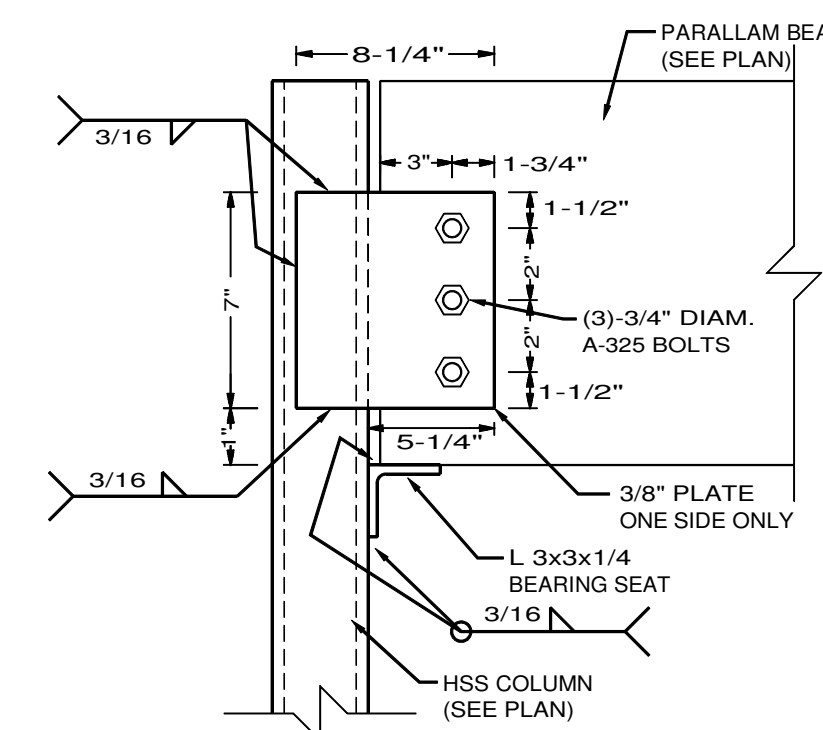
5 BEAM-COLUMN CONNECTION
SCALE 1-1/2"=1'



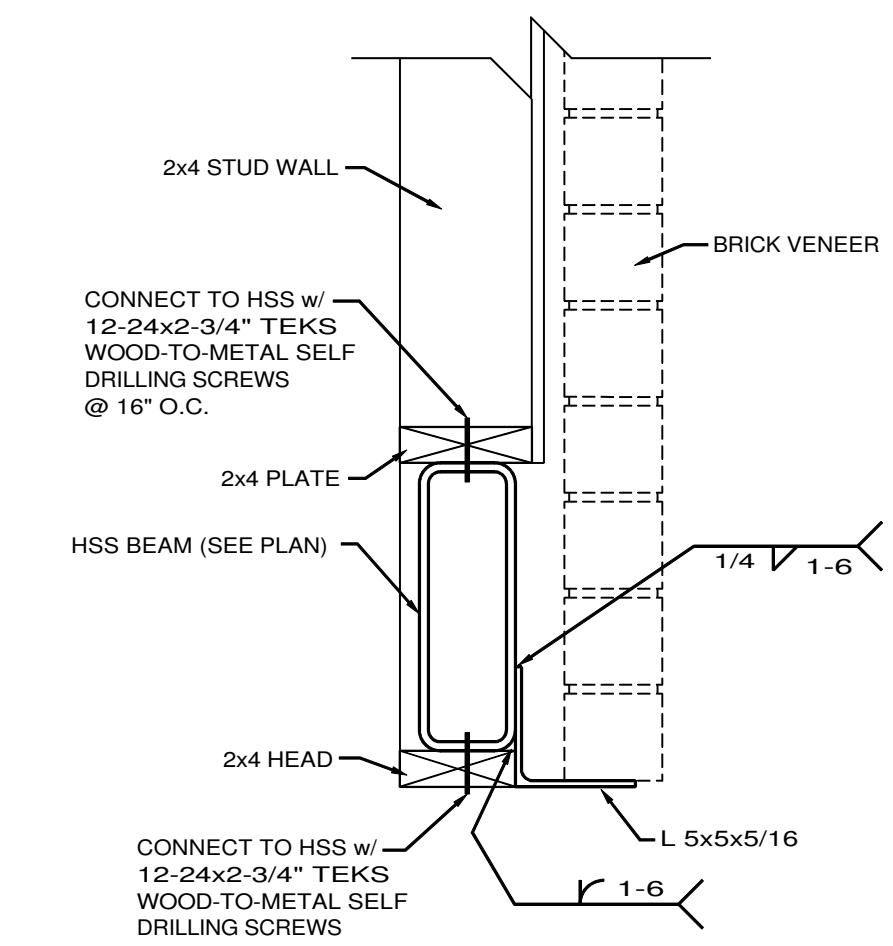
6 DIAPHRAGM ANCHORAGE AT SIDE WALLS
SCALE 1-1/2"=1'



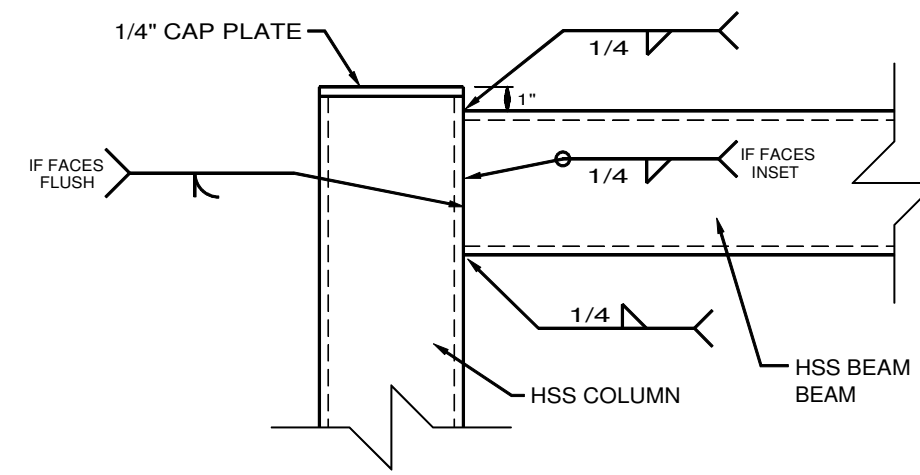
7 STUD WALL/HSS COLUMN CONNECTION DETAIL
SCALE 1-1/2"=1'



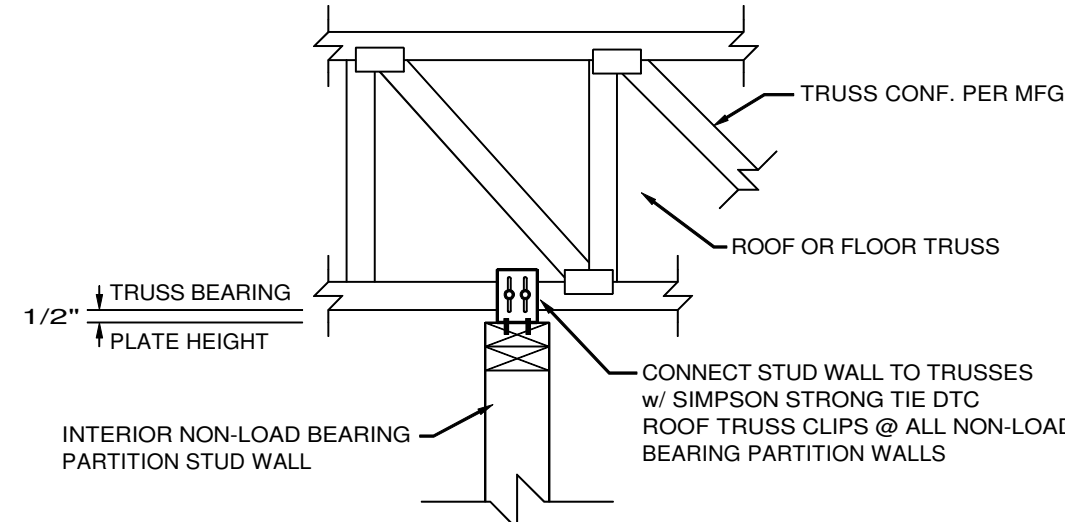
10 LVL/STEEL COLUMN CONNECTION
SCALE 1-1/2"=1'



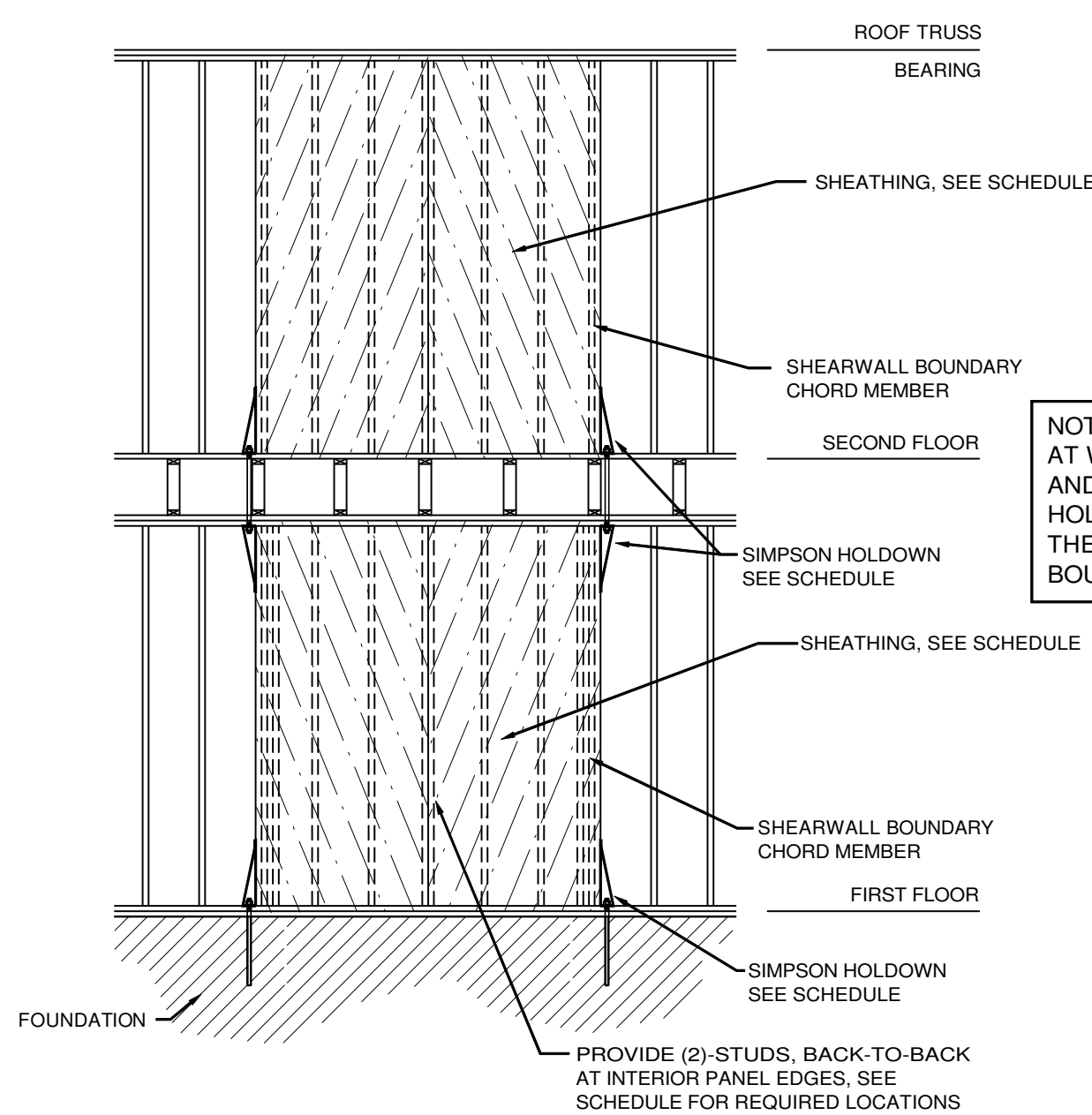
11 HSS LINTEL SECTION
SCALE 1-1/2"=1'



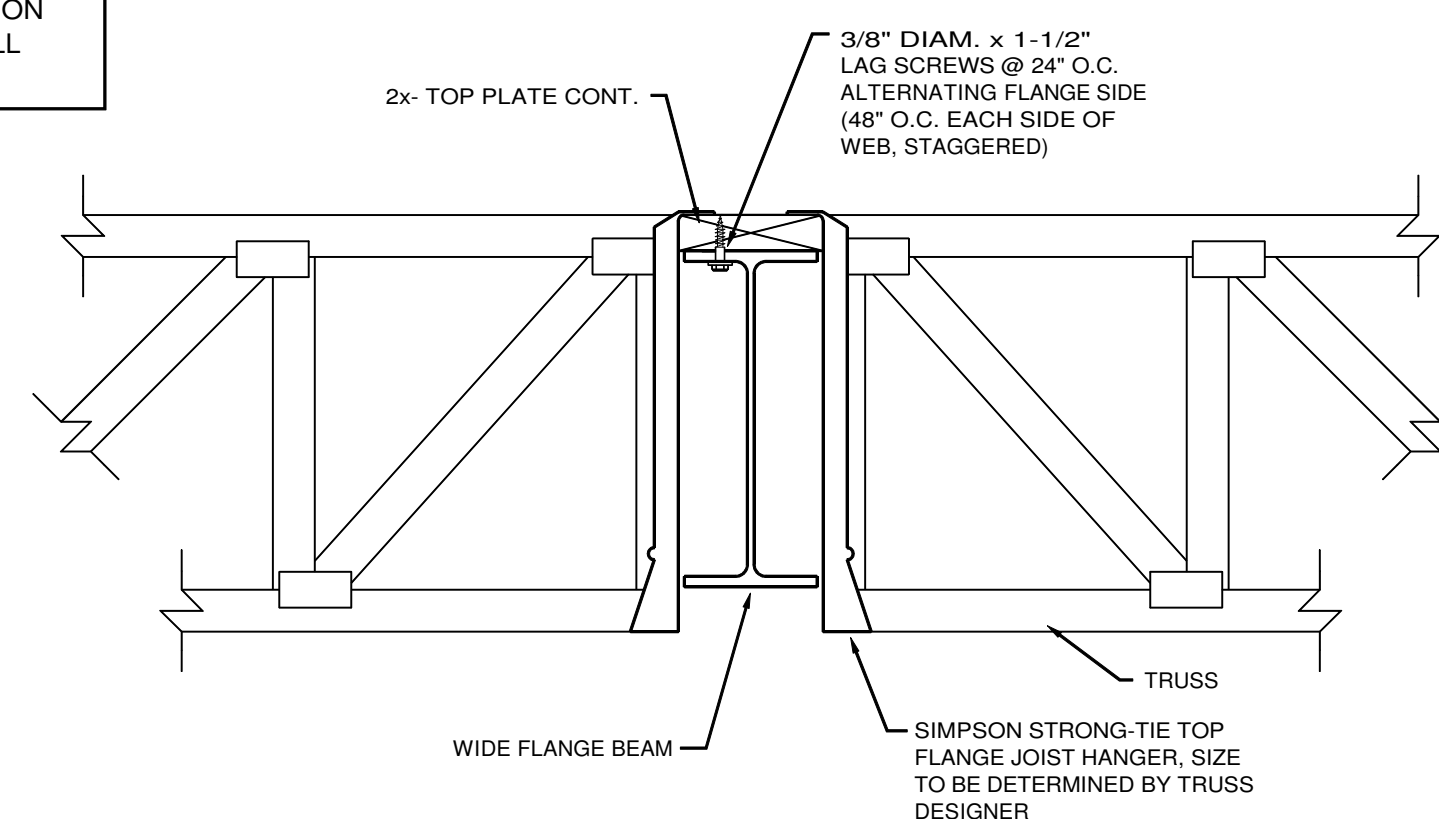
8 BEAM-COLUMN CONNECTION
SCALE 1-1/2"=1'



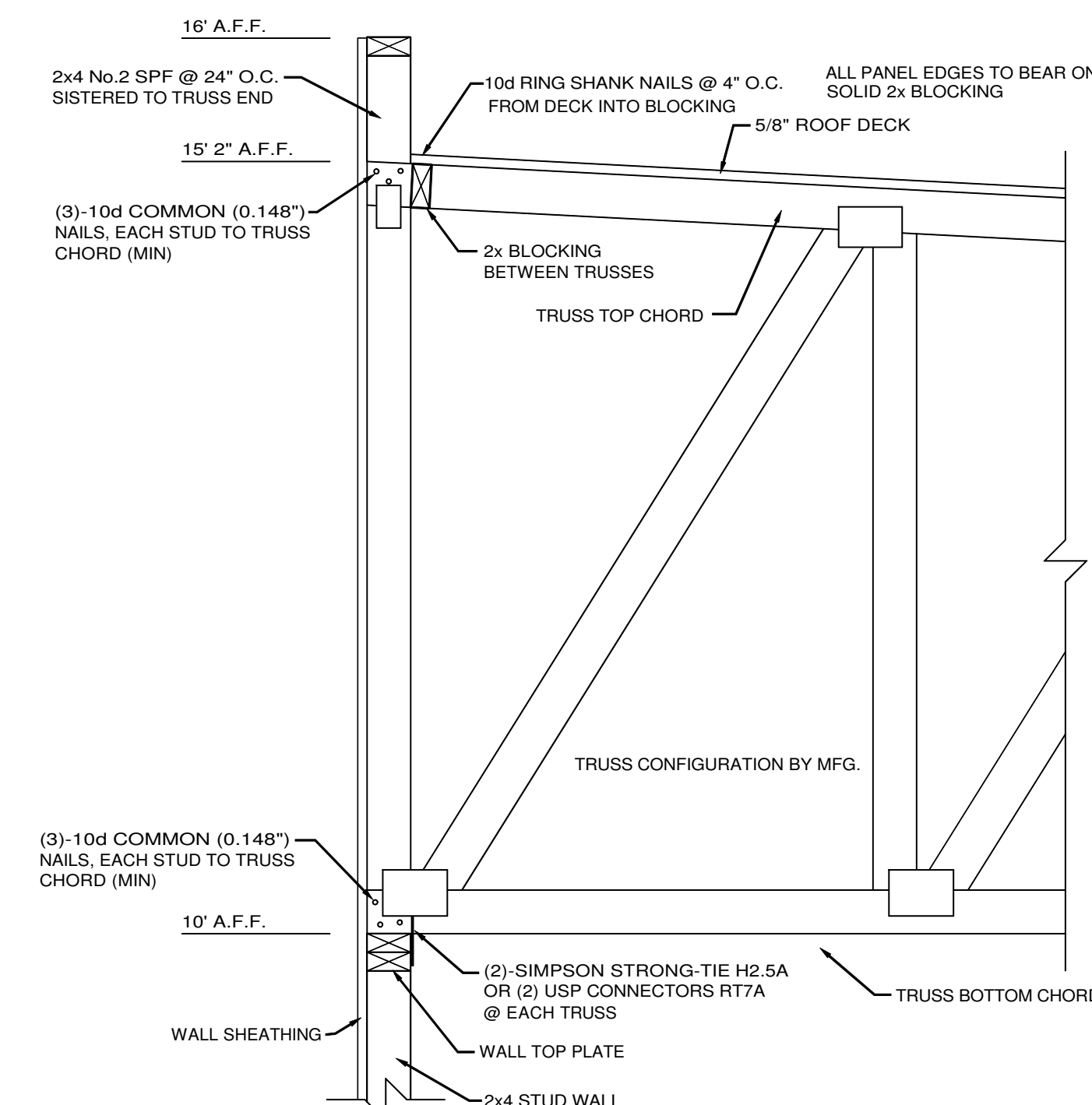
9 PARTITION WALL TO TRUSS CONNECTION
SCALE 1"=1'



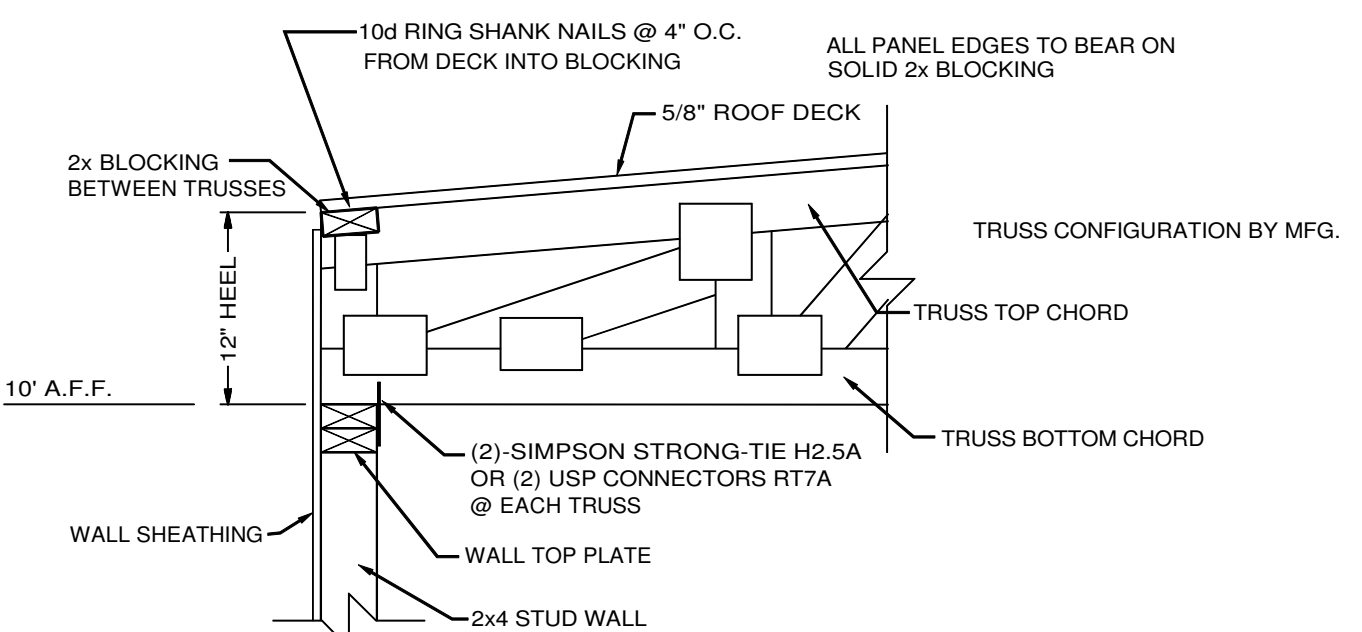
12 WOOD SHEATHED SHEARWALL GENERAL CONFIGURATION DETAIL
SCALE 1/4"=1'



13 TRUSS BEARING AT STEEL BEAM
SCALE 1-1/2"=1'



14 ROOF FRAMING AT LOW ROOF
SCALE 1"=1'



15 ROOF FRAMING AT LOW ROOF
SCALE 1"=1'