



DRAWING INDEX

SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION DATE
TITLE SHEET	COVER SHEET – DRAWING INDEX	12/8/2025	—
CIVIL			
C100	SITE PLAN	12/8/2025	
C200	SITE DETAILS	12/8/2025	
ARCHITECTURAL			
A100	FLOOR PLAN	12/8/2025	
A101	LIFE SAFETY PLAN	12/8/2025	—
A200	ELEVATIONS	12/8/2025	—
A300	SECTIONS	12/8/2025	—
STRUCTURE			
S100	FOUNDATION PLAN	12/8/2025	—
S101	ROOF FRAMING PLAN	12/8/2025	—

CODE INFORMATION:

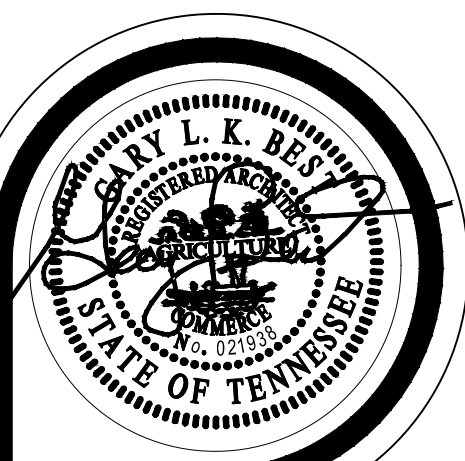
BUILDING CODE	2018 INTERNATIONAL BUILDING CODE		
FUEL GAS CODE	2018 INTERNATIONAL FUEL GAS CODE		
ELECTRICAL CODE	2008 NATIONAL ELECTRICAL CODE		
MECHANICAL CODE	2018 INTERNATIONAL MECHANICAL CODE		
ENERGY CONSERVATION CODE	2018 INTERNATIONAL ENERGY CONSERVATION CODE		
FIRE CODE	2018 INTERNATIONAL FIRE CODE		
PLUMBING CODE	2018 INTERNATIONAL PLUMBING CODE		
ENERGY CODE	2018 INTERNATIONAL ENERGY CODE		
LIFE SAFETY CODE	NFPA 101 2018		
	ANSI 2009 117.1		
	DOJ STANDARD FOR ACCESSIBLE DESIGN 2012		
	OCCUPANCY GROUP PER CHAPTER 3, IBC 2018		
CODE REQUIREMENTS	INTERNATIONAL BUILDING CODE (2018 EDITION)		
	REFERENCE	ALLOWABLE OR REQUIRED	
OCCUPANCY GROUP(S)			
PRIMARY USE GROUP		CHAPTER 3, MERCANTILE	
CONSTRUCTION TYPE	IBC	VB UNPROTECTED/UNSPRINKLERED	
	NFPA 101	TYPE VB UNSPRINKLERED	
BASE ALLOWABLE BUILDING HEIGHT IN FEET	TABLE 504.3	40' FT	
BASE ALLOWABLE BUILDING HEIGHT IN STORIES	TABLE 504.4	1 STORY	
BASE ALLOWABLE BUILDING AREA	TABLE 506.2	9,000 SQ FT	
ACTUAL BUILDING HEIGHT AND AREA		15' 1 STORIES,	
AUTOMATIC SPRINKLER INCREASE PER IBC 504.2	HEIGHT	NOT NECESSARY	
AUTOMATIC SPRINKLER INCREASE PER IBC 506	AREA	NOT NECESSARY	
ACTUAL FLOOR AREAS			
1ST LEVEL		1901	S.F.
TOTAL		1901	S.F.
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)		UL NUMBER	
STRUCTURAL FRAME	TABLE 601	0 HOUR	
LOAD BEARING WALLS – EXTERIOR	TABLE 601	0 HOUR	
LOAD BEARING WALLS – INTERIOR	TABLE 601	0 HOUR	
NON-LOADBEARING WALLS & PARTITIONS EXTERIOR	TABLE 602	0 HOUR	
NON-LOADBEARING WALLS & PARTITIONS INTERIOR	TABLE 601	0 HOUR	
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS – FIRE PUMP ROOM ONLY	TABLE 601	0 HOUR	
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	TABLE 601	0 HOUR	
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	TABLE 601	0 HOUR	
OCCUPANT LOAD	SQUARE FEET	SF/OCCUPANT	# OF PEOPLE
PRIMARY OCCUPANTS: MERCANTILE	1901		27 PEOPLE
TOTAL			27 PEOPLE
MEANS OF EGRESS			
NUMBER OF EXITS	3 WITH A TOTAL OF 12' WIDTH		
STAIRWAY WIDTH	47 OCCUPANT LOAD/FLOOR		36" CLEAR MIN.
COMMON PATH OF TRAVEL		75"–0" MAXIMUM	
TRAVEL DISTANCE LIMIT		200'–0" MAXIMUM	
CORRIDOR WIDTH		36" MINIMUM	36" CLEAR MIN.
CLIMATE ZONE PER IECC	ZONE 4A		

SYMBOLS

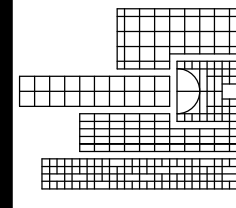
	SECTION NUMBER ON SHEET NUMBER
	DIRECTION OF CUT
	DIRECTION OF VIEW ELEVATION NUMBER ON SHEET NUMBER
	SPACE NUMBER
	FINISH LEGEND (SEE SCHEDULE)
	OFFICE — SPACE NAME
	WINDOW TYPE

MATERIAL LEGEND

	EARTH		WOOD – ROUGH
	CRUSHED STONE		WOOD – FINISH
	CONCRETE		PLYWOOD
	MASONRY BLOCK		GLASS
	BRICK		ASPHALT
	FIRE BRICK		STRUCTURAL TILE
	NATURAL STONE		STEEL – LG. SCALE
	PRECAST CONCRETE		RIGID INSULATION
	PLASTER		BATT INSULATION
	MARBLE		CAULK
	TERRAZZO		STEEL – SM. SCALE
	CERAMIC TILE		



Best & Associates Architects



MCCARTHY
FARM BUILDINGS
LOUISVILLE, TN

REVISIONS

NO.	DESCRIPTION
1	ISSUED FOR PERMIT

DRAWN BY:

GP

CHECKED BY:

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DATE:

12/8/2025

SCALE:

NTS

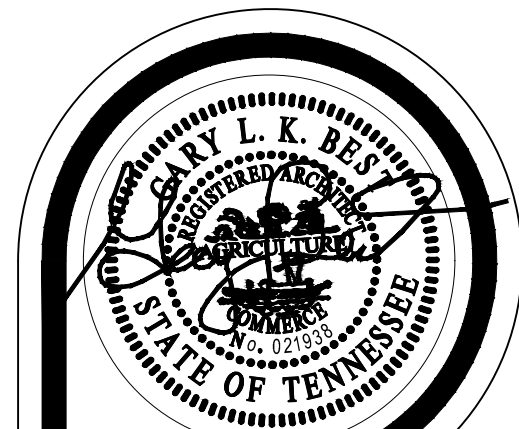
DESCRIPTION:

TITLE SHEET

SHEET

TS

PHONE 865-977-1600 1604 MIDDLESETTLEMENTS RD,
MARYVILLE, TN 37801 Website zbestarchitecture.com



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PHONE 865-977-1610 1604 MIDDLESETTLEMENTS RD,
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MCCARTHY
FARM BUILDING
LOUISVILLE, TN

REVISIONS	
1	ISSUED FOR PERMIT
2	ISSUED FOR PERMIT
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10	ISSUED FOR PERMIT
DRAWN BY GP	
CHECKED BY GP	
DATE 12/18/2015	
SCALE 1"=30'-0"	
DESCRIPTION SITE PLAN	

SHEET
C100

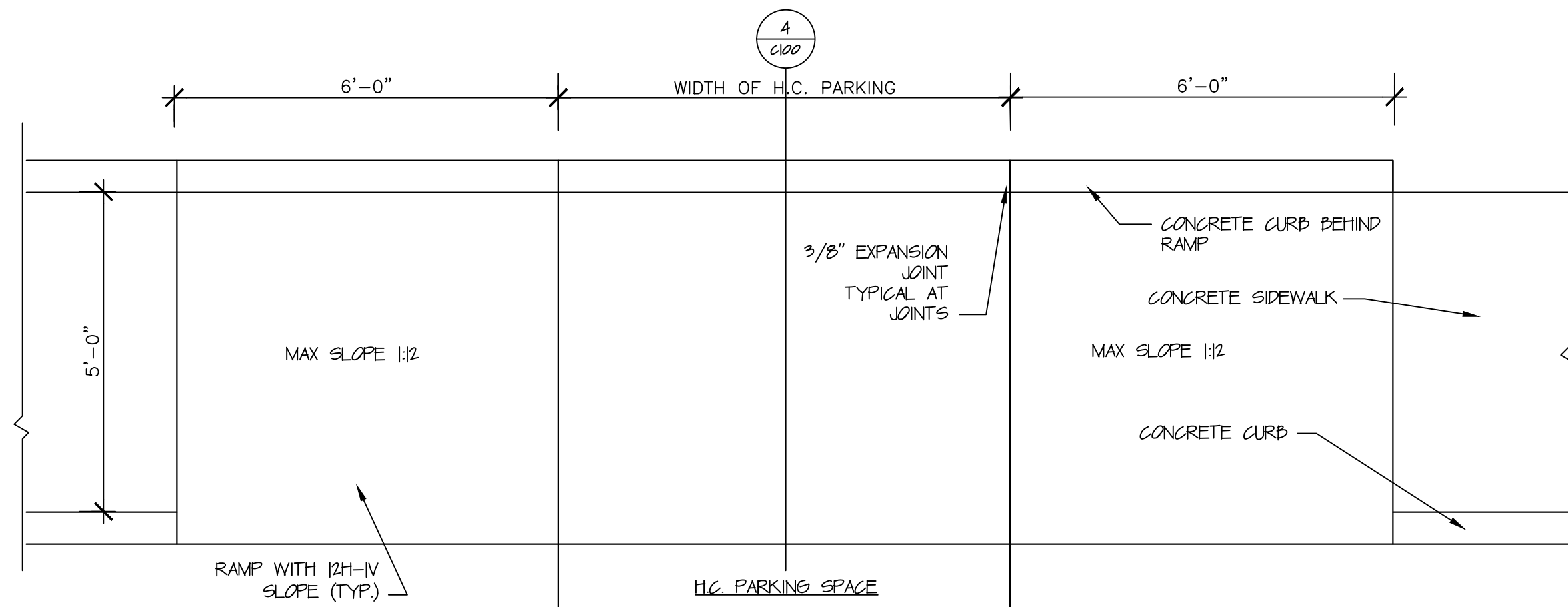
PARCEL 0250 B 021.00
LUTTRELL, J. & HOLT, S. R. HOLT
WD BOOK 2486 PAGE 855
LIBERTY HILL SUBDIVISION, LOT 21
PLAT BOOK 911A

N:548294.70
E:2554885.93

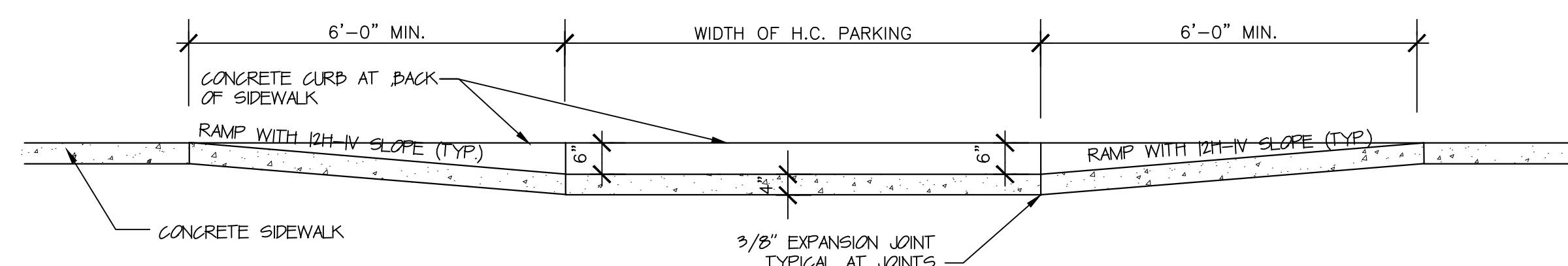
TRACT 2
0.934 ACRES

TRACT 1
1.880 ACRES

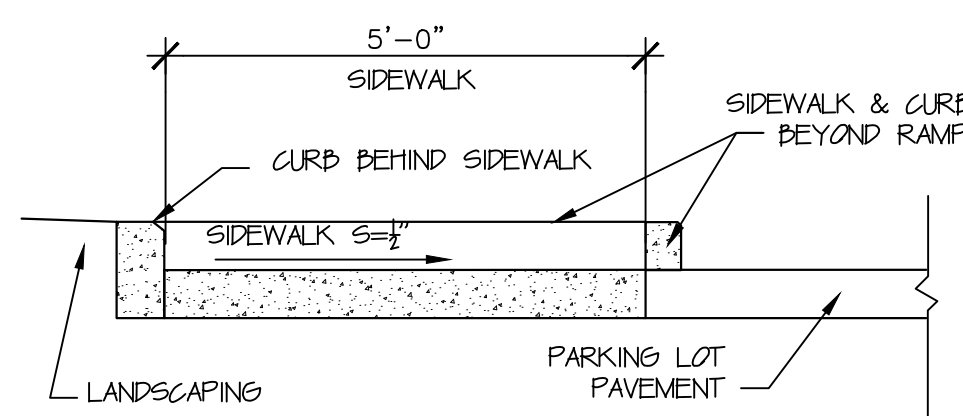
NOTE:
TDOT MAPS SHOW NEW TOPSIDE RD BISECTING THE HF SAMPLES PROPERTY AND LEAVING THIS 1911 SQ. FT. TRIANGLE OF LAND BETWEEN THE NEW RIGHT-OF-WAY AND THE HF SAMPLES TRACT. THIS LAND IS NOT DESCRIBED IN PRIOR DEED DESCRIPTIONS OF THE SUBJECT PROPERTY (WD BK 173 PG 567 AND DOC BK 247 PG 291).
SEE TDOT MAPS: FRO508996 (PAGE 4) & FRO503107 (PAGE 7)
THIS IS PART OF THE LAND DESCRIBED IN WD BK 124 PG 75 (CF & MABLE SAMPLES).
MOST LIKELY OWNERSHIP IS C.F. & MABLE SAMPLES, THEIR HEIRS, OR THEIR ASSIGNS.



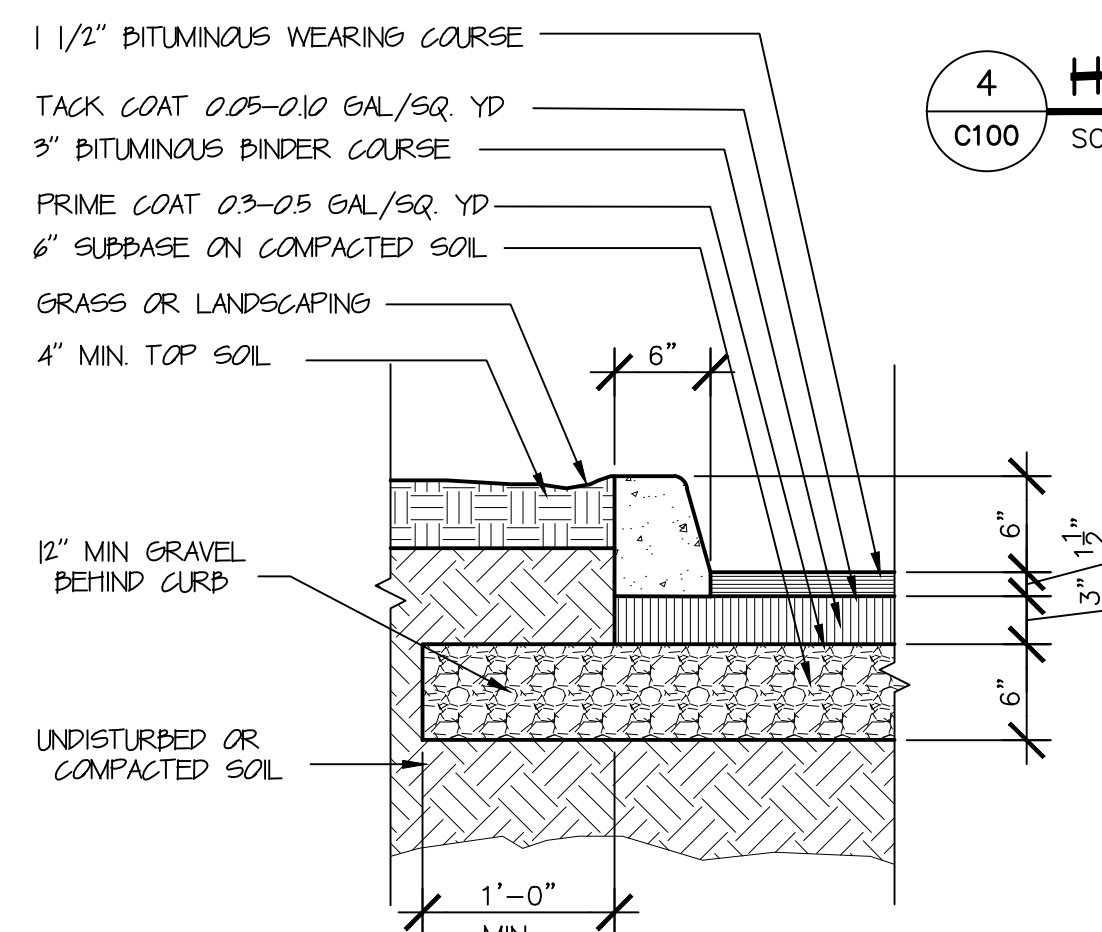
7 H.C. RAMP AT PARKING PLAN
SCALE: 1/2" = 1'-0"



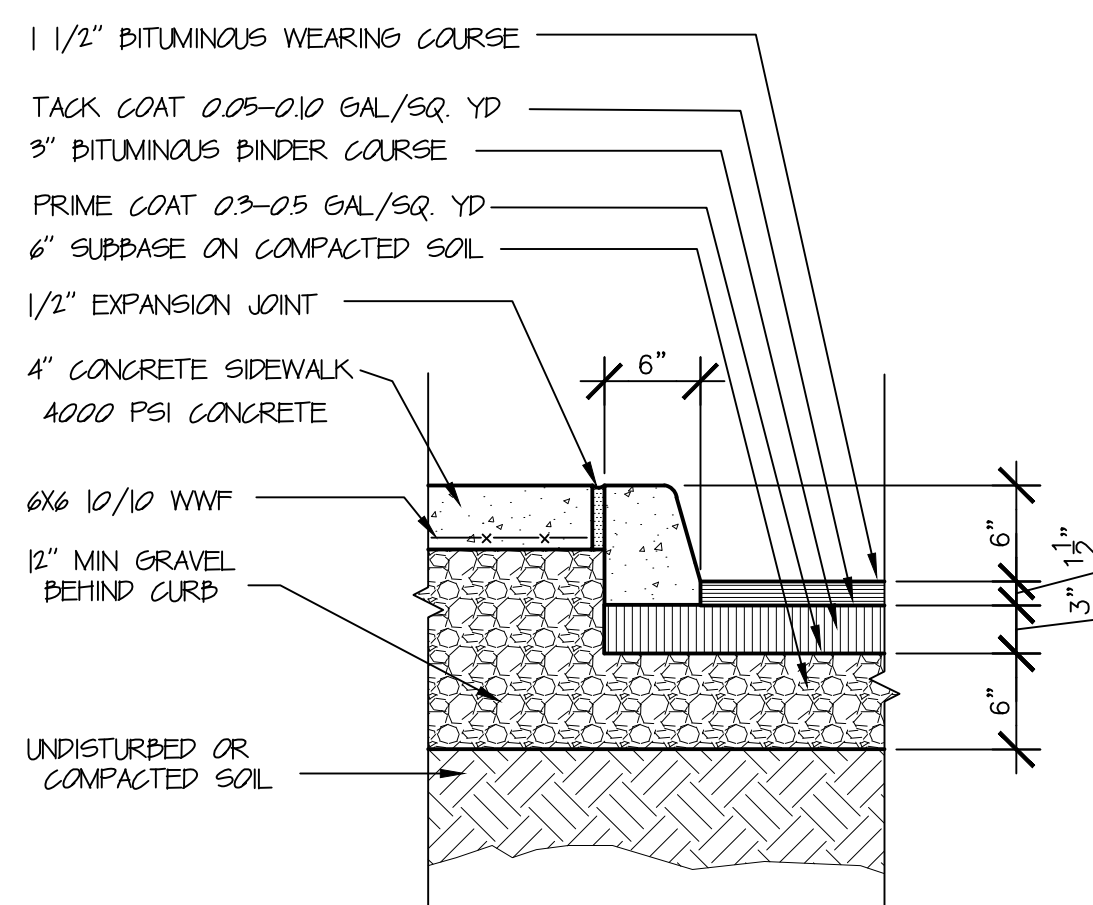
5 H.C. RAMP AT PARKING SECTION "A"
SCALE: 1/2" = 1'-0"



4 H.C. RAMP AT PARKING - SECTION "B"
SCALE: 1/2" = 1'-0"

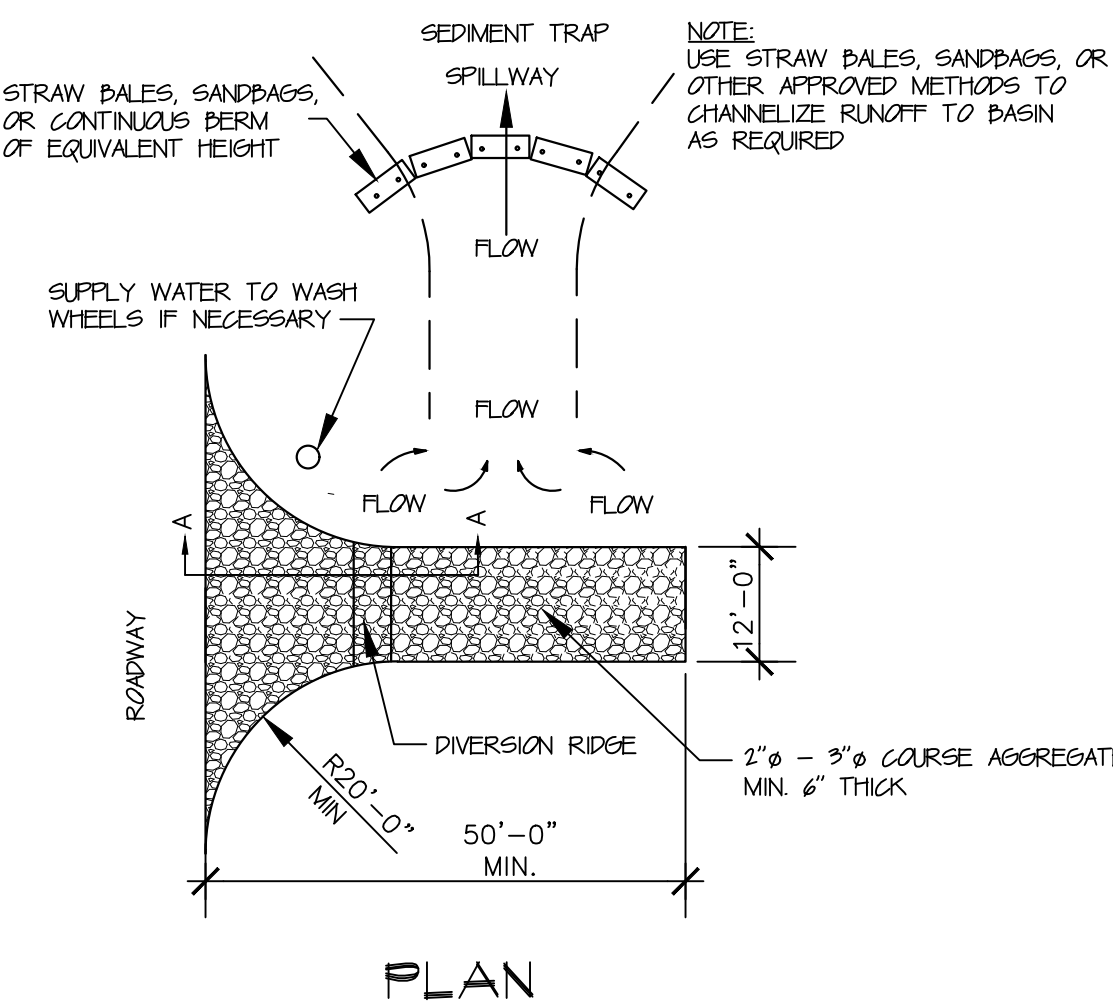
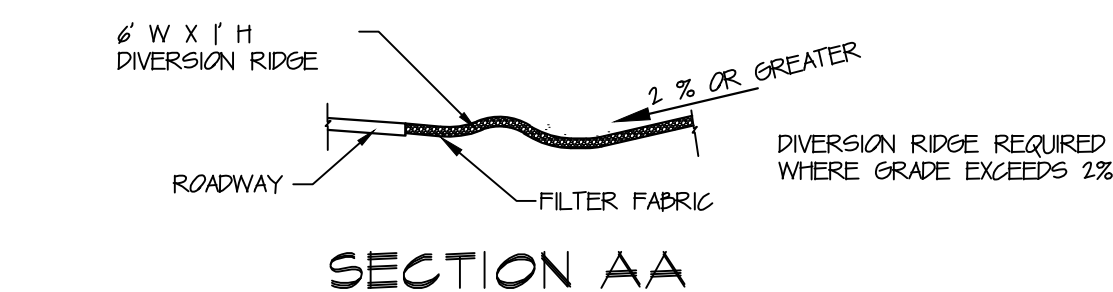


3 CURB DETAIL @ PLANTING
SCALE: 1" = 1'-0"



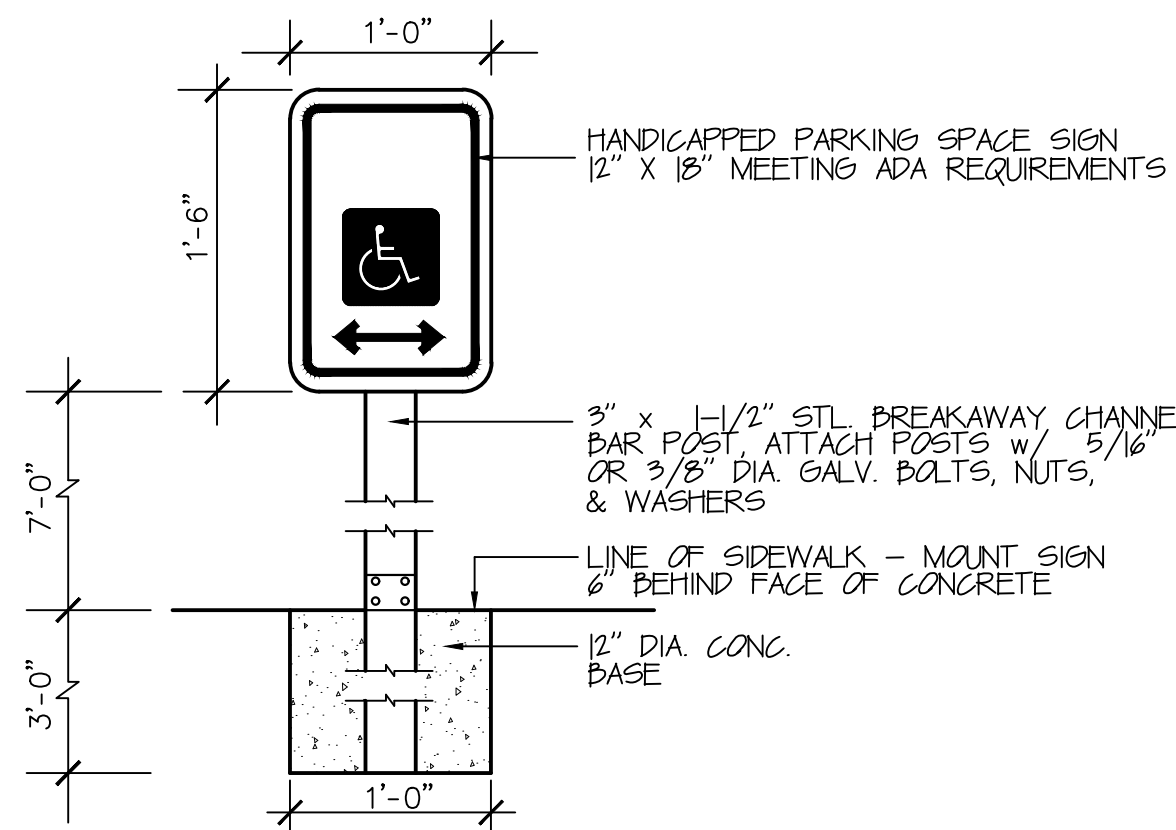
2 CURB DETAIL @ SIDEWALK
SCALE: 1" = 1'-0"

1 SITE PLAN
SCALE: 1"=30'-0"

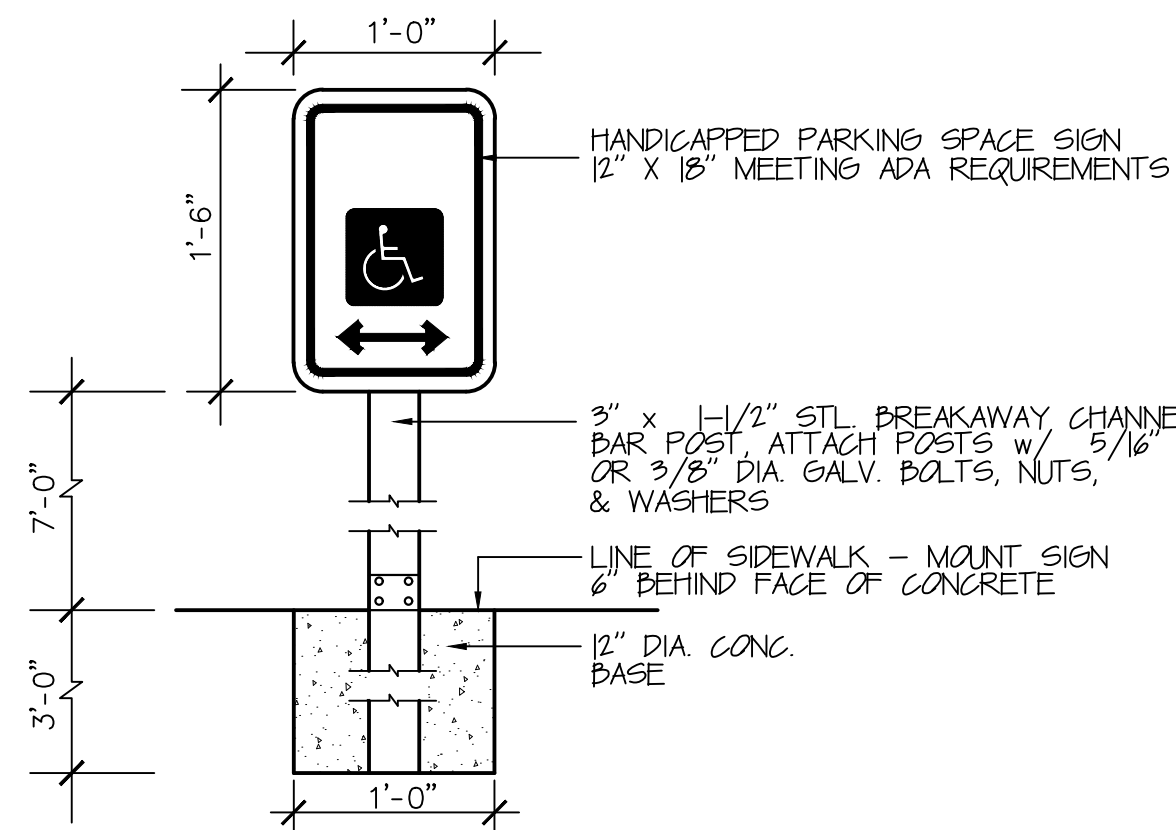


NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR BASIN.

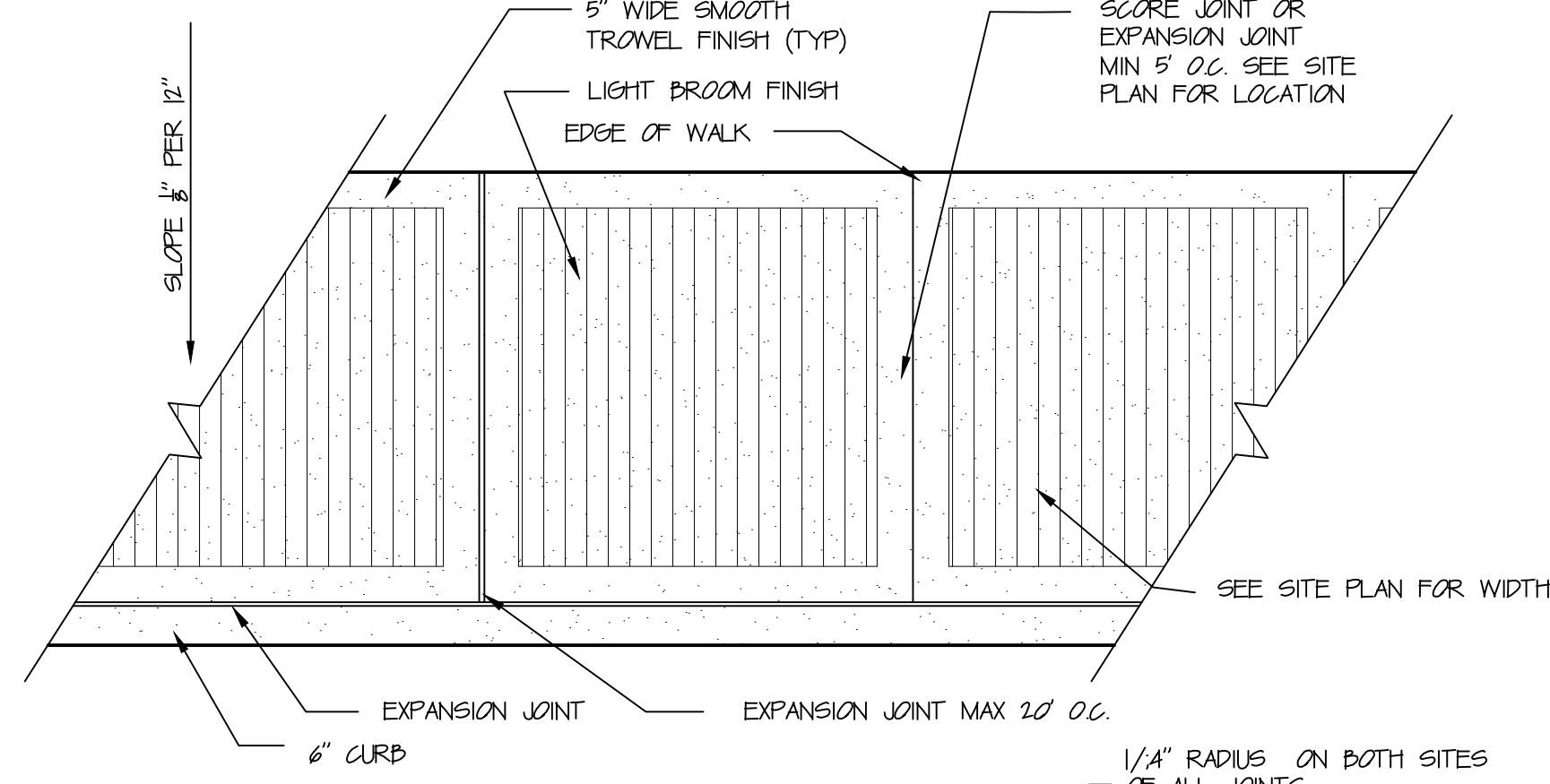
6 TEMP. CONSTRUCTION ENTRANCE
SCALE: 1" = 20'-0"



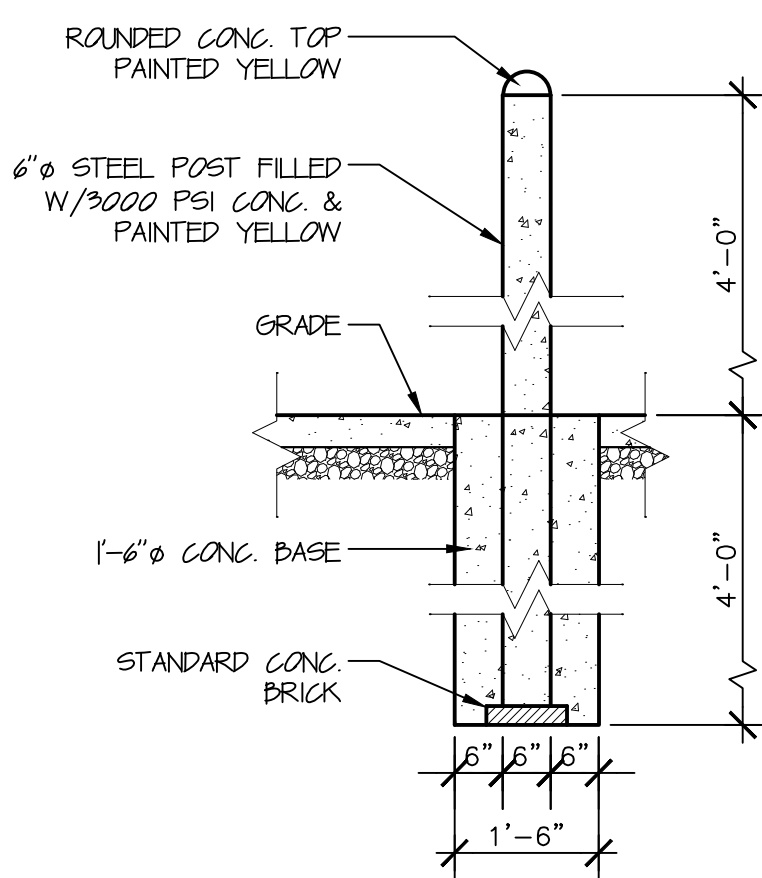
8 H. C. SIGN DETAILS
SCALE: 1"=1'-0"



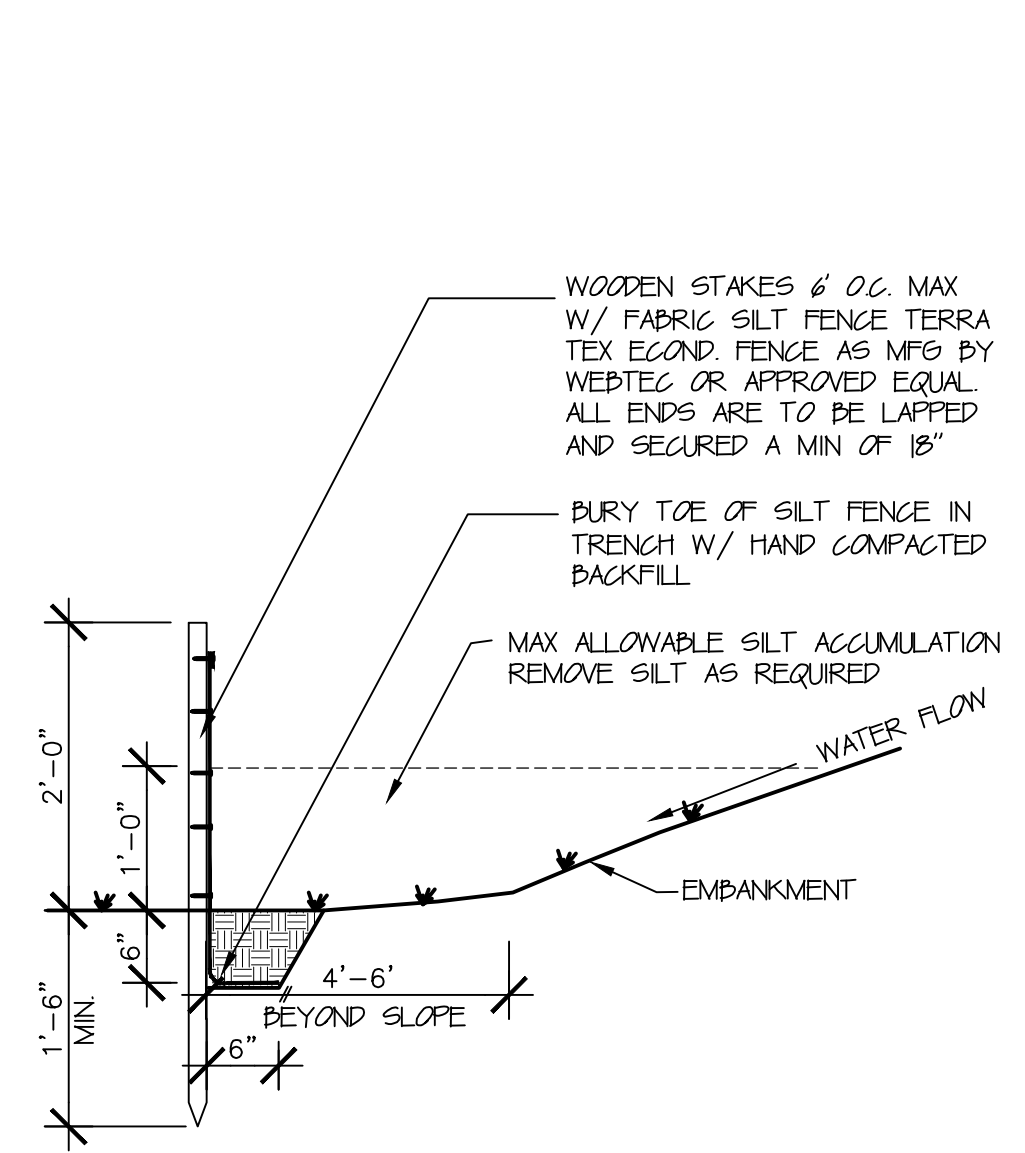
7 TEMPORARY SEDIMENT FENCE
SCALE: 3/4" = 1'-0"



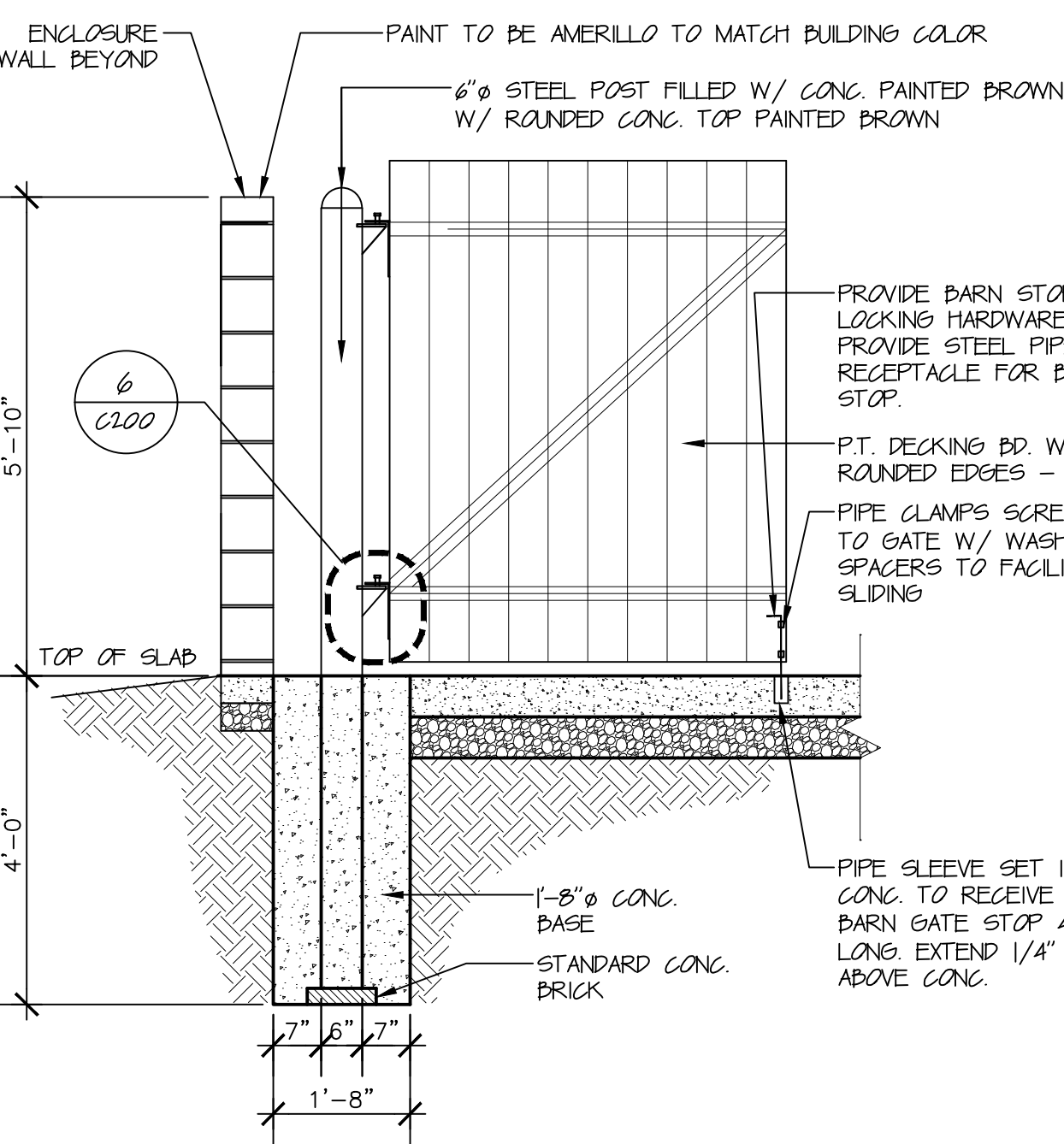
4 SIDEWALK DETAIL
SCALE: 1/2"=1'-0"



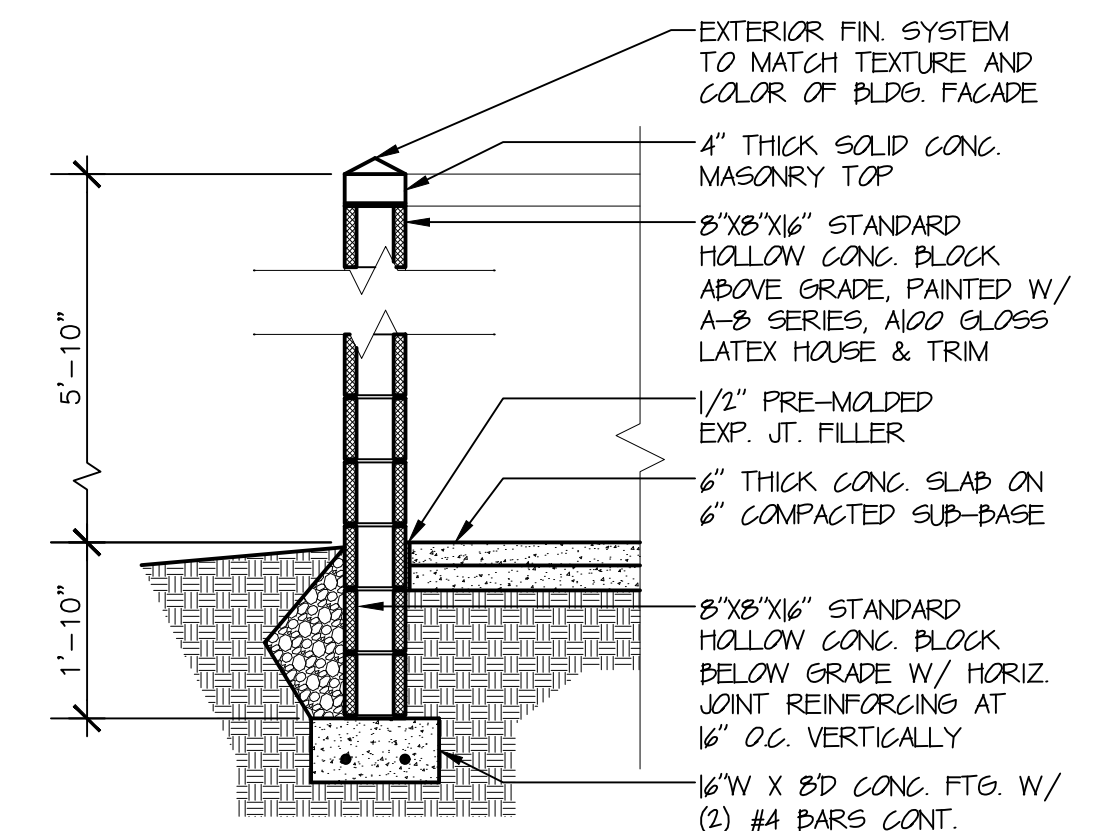
3 BOLLARD DETAIL
SCALE: 1/2" = 1'-0"



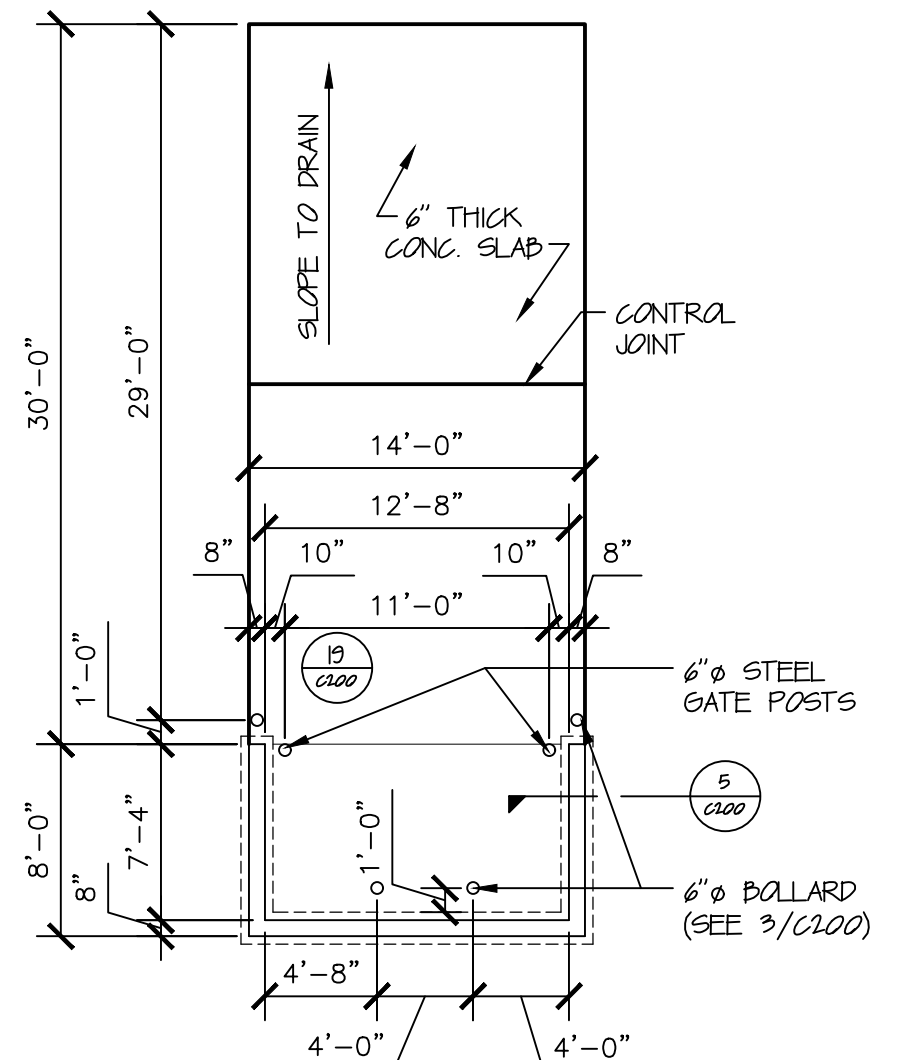
6 GATE HINGE
NOT TO SCALE



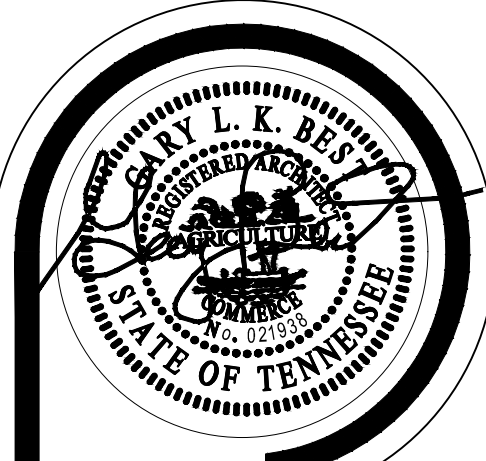
2 TRASH ENCLOSURE GATE
SCALE: 1/2" = 1'-0"



5 TRASH ENCLOSURE WALL DETAIL
SCALE: 1/2" = 1'-0"



1 TRASH ENCLOSURE PLAN
SCALE: 1/8" = 1'-0"



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MCCARTHY
FARM BUILDING
LOUISVILLE, TN

REVISIONS	
1	12/8/2015
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99	12/8/2015
100	12/8/2015

SITE DETAILS

SHEET

C200

CONTRACTOR SHALL FURNISH ALL NECESSARY LABOR, MATERIALS, PERMITS, TAP FEES AND TESTING TO COMPLETE THE WORK.

ALL WORK IS TO BE PERFORMED BY QUALIFIED JOURNEYMEN AND SHALL COMPLY WITH ALL STATE AND LOCAL CODES. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR SHALL COORDINATE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL WORK TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

CONTRACTOR IS TO PROVIDE THE ARCHITECT ALL SHOP DRAWINGS AND SAMPLES FOR APPROVAL PRIOR TO BEGINNING THE WORK. THAT AREA 6 COPIES WILL BE REQUIRED FOR ALL SUBMITTALS.

CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS. LACK OF KNOWLEDGE OF EXISTING CONDITIONS WILL NOT CONSTITUTE A CHANGE ORDER.

ANY CHANGES IN THE MATERIALS SPECIFIED WILL HAVE TO BE APPROVED PRIOR TO THE BID AND WILL NOT BE ALLOWED AFTER CONSTRUCTION BEGINS.

FOR EXPEDIENCE ALL QUESTIONS SHOULD BE DIRECTED TO THE ARCHITECT VIA PHONE AT 866-977-1610 OR VIA EMAIL: TESTASTAR@GOLDFORD.COM.

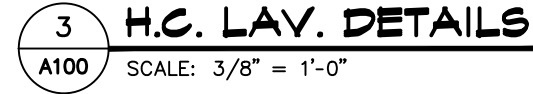
THE AIA GENERAL CONDITIONS FOR CONSTRUCTION ARE A PART OF THIS SET OF DOCUMENTS AND COPIES MAY BE OBTAINED FROM THE ARCHITECT.

PRATER WINDOW INSTALLATION IS CRUCIAL TO ENSURE FUNCTIONALITY, SAFETY, AND ENERGY EFFICIENCY. IT MUST COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL BUILDING CODES, INCORPORATING STANDARDS FROM ASTM.

TO PREVENT WATER INfiltration, FLASHING MUST BE PROPERLY INSTALLED AROUND WINDOW PERIMETER. SEALANTS OR HOUSE WRAPS MUST FOLLOW MANUFACTURER'S INSTRUCTIONS.

WINDOWS MUST BE SECURELY ANCHORED TO THE BUILDING STRUCTURE. FASTENERS MUST BE OF THE APPROPRIATE TYPE, MATERIAL, AND SPACING AS SPECIFIED BY THE WINDOW MANUFACTURER.

GLAZING IN THIS HAZARDOUS LOCATION IS REQUIRED TO BE GLAZED WITH A SAFETY MATERIAL PER IRC SECTIONS 2406.1 AND 2406.8. SEE WINDOW SCHEDULE FOR SPECIFIED TEMPERED GLASS.



ALL PAINTING AND STAINING SHALL BE PERFORMED BY QUALIFIED
JOURN PAINTERS AND SHALL BE FREE OF DUST AND DEBRIS.
ALL PAINTING SHALL BE A 3 COAT PROCESS WITH A PRIMER COAT
AND 2 FINISH COATS. PAINT TO BE SHERWIN WILLIAMS PRIMAIR SERIES
ALL STAINING SHALL BE A 3 COAT PROCESS WITH EACH COAT Sanded
PRIOR TO THE APPLICATION OF THE NEXT COAT.
ALL INTERIOR AND EXTERIOR WOOD TRIM PAINT WITH ALL
DOORS AND TRIM TO RECEIVE A SEMI GLOSS LATEX ENAMEL.
ALL SURFACES SHALL BE REASONABLY FREE OF BRUSH
MARKS AND ORANGE PEEL.
ALL COLORS WILL BE CHOSEN BY THE OWNER. SAMPLES OF STAIN
AND FINISHES FROM THE PROJECT WOOD WILL BE REQUIRED.
ARCHITECT RESERVES THE RIGHT TO REQUEST SAMPLE WALL
BE PAINTED TO SHOW COLOR CHOICES.

- 1 - ALL GYPSUM TO BE INSTALLED BY QUALIFIED JOURNEYMEN AND
INSTALLED TO MANUFACTURER SPECIFICATIONS.
- 2 - ALL HIGH TRAFFIC AREAS TO RECEIVE GOLD BOND FIRE-SHIELD HI-
IMPACT WALL BOARD PANELS OR EQUAL (SEE PLANS FOR THICKNESS)
- 3 - ALL OTHER AREAS ARE TO RECEIVE GOLD BOND FIRE SHIELD (SEE
PLANS FOR THICKNESS REQUIRED)
- 4 - ALL BATHROOMS AND RESTROOMS TO RECEIVE MOISTURE RESISTANT GYP.
BY G-P GYPSUM CORP. OR EQUAL
- 5 - ALL GYP. PRODUCTS MUST MEET ASTM C36 STANDARDS.
- 7 - ALL ACCESSORY PIECES SHALL BE MANUFACTURE BY UNITED STATES
GYPSUM COMPANY OR EQUAL



SET #1 ENTRY DOORS
9 PARS HAGER DD0179 4-1/2" X A-1/2"
1 YALE EXT DEVICE 160 (PANG) 700 YALE EXTERIOR TRIM
1 PASSAGE BLANK PLATE
2 CLOSERS 4400DF
2 SWEET NATIONAL GUARD 300M
2 SETS OF WEATHER STRIPPING

SET #2 OUTSIDE EXITS
1 1/2 PARS HAGER DD0179 4 1/2" X A 1/2"
1 LOCKSET YALE A540A W/YALE 700
1 CLOSER YALCE 4400DF
1 SWEET NATIONAL GUARD 300M
1 STOP HAGER 136N *
1 SET OF WEATHER STRIPPING

ACCENTRA (FORMERLY YALE) 7000 X AU-NIT440-NR PANG RM EX
DEVICE WITH NEXT/HIGH PUSH/BUTTON LEVER COULD BE AN OPTION

SET #3 RESTROOM
1 1/2 PAR HAGER BUTTS 1279 4 1/2" X A 1/2"
1 PRIVACY YALE A540L
1 STOP HAGER 136N *

SET #4 JANITOR
1 1/2 PARS HAGER DD0179 4 -1/2" X A-1/2"
1 LOCK SET YALE AU 160L
1 CLOSER YALCE 4400DF

SET #5 INTERIOR LOCKABLE
1 1/2 PAR HAGER DD0179 4 1/2" X A 1/2"
1 LOCKSET YALE A540A
1 CLOSER YALCE 4400DF
1 STOP HAGER 136N

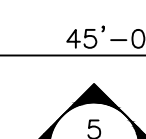
SET #6 COOLER DOOR
BY MANUFACTURER
BARN DOORS
BY MANUFACTURE

- ALL MECH ROOMS ARE TO HAVE KNULED SURFACES
- ALL RATED & EXTERIOR DOORS ARE TO BE POSITIVE LATCH1
- ALL RATED DOORS TO HAVE RATED HARDWARE
- ALL HARDWARE TO MEET ADA

1. ALL MIRRORS TO BE BOBRICK STAINLESS STEEL FRAME
P-290 SERIES.
2. ALL SURFACE MOUNTED PAPER TOWEL DISPENSERS TO
BE BOBRICK P-2621.
3. ALL SWING TOP WASTE CANS TO BE BOBRICK P-2250.
4. ALL SURFACE MOUNTED MULTI-ROLL TOILET PAPER
DISPENSERS TO BE BOBRICK P-288.
5. ALL LAVATORY MOUNTED SOAP DISPENSERS TO BE
BOBRICK P-8225.

DOOR AND FRAME SCHEDULE								
Number	DOOR					FRAME	HARDWARE	NOTES
	WD	HGT	THK	MATL	GLAZING			
100A	3'-0"	6'-8"	1 3/4"	WOOD	--	WOOD	SET #6	--
101A	4'-0"	7'-0"	NA	SOLID WOOD	--	WOOD	SET #7	--
101B	4'-0"	6'-8"	NA	SOLID WOOD	--	WOOD	SET #7	--
102A	4'-0"	6'-8"	NA	--	--	WOOD	--	--
102B	4'-0"	6'-8"	NA	--	--	WOOD	--	--
102C	9'-0"	8'-0"	1 3/4"	WOOD	--	WOOD	--	--
102D	3'-0"	6'-8"	1 3/4"	WOOD	--	WOOD	SET #2	--
104A	3'-0"	7'-0"	1 3/4"	WOOD	--	WOOD	SET #3	--
105A	3'-0"	7'-0"	1 3/4"	WOOD	--	WOOD	SET #3	--
106A	3'-0"	6'-8"	1 3/4"	WOOD	--	WOOD	SET #5	--
107A	3'-0"	7'-0"	1 3/4"	WOOD	--	WOOD	SET #4	--
110A	6'-0"	6'-8"	1 3/4"	WOOD	FULL GLASS	WOOD	SET #1	--
110B	3'-0"	6'-8"	1 3/4"	WOOD	--	WOOD	SET #2	--

1. ALL FIRE EXTINGUISHER CABINETS TO BE MANUFACTURED BY UL INDUSTRIES, INC. OR APPROVED EQUAL.
2. FLUSH FRONT CABINET WITH FIRE-EX OPTION AND UBC OPTION TO MEET ALL ADA AND NFPA CODES.
3. CABINET TO BE FABRICATED IN ACCORDANCE WITH THE WARNICK HERSEY CERTIFIED DESIGN AND SHALL CARRY WARNICK HERSEY LABEL FOR 1- AND 2- HOUR COMBUSTIBLE AND NON-COMBUSTIBLE WALLS.
4. CABINET TO BE FABRICATED IN ACCORDANCE WITH UBC A3-6 (ASTM E814-88) TO MEASURE FIRE RESISTIVE PERFORMANCE.
5. CABINET TO BE ACADEMY 0271010 WITH COSMIC LITE EXTINGUISHER WALL DIMENSION (11-3/4" X 29 1/2" X 3 3/8")



REVISIONS

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DRAWN BY: GB

CHECKED BY: GB

DATE: 12/08/2015

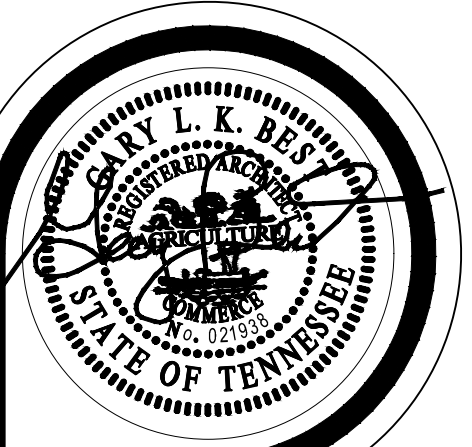
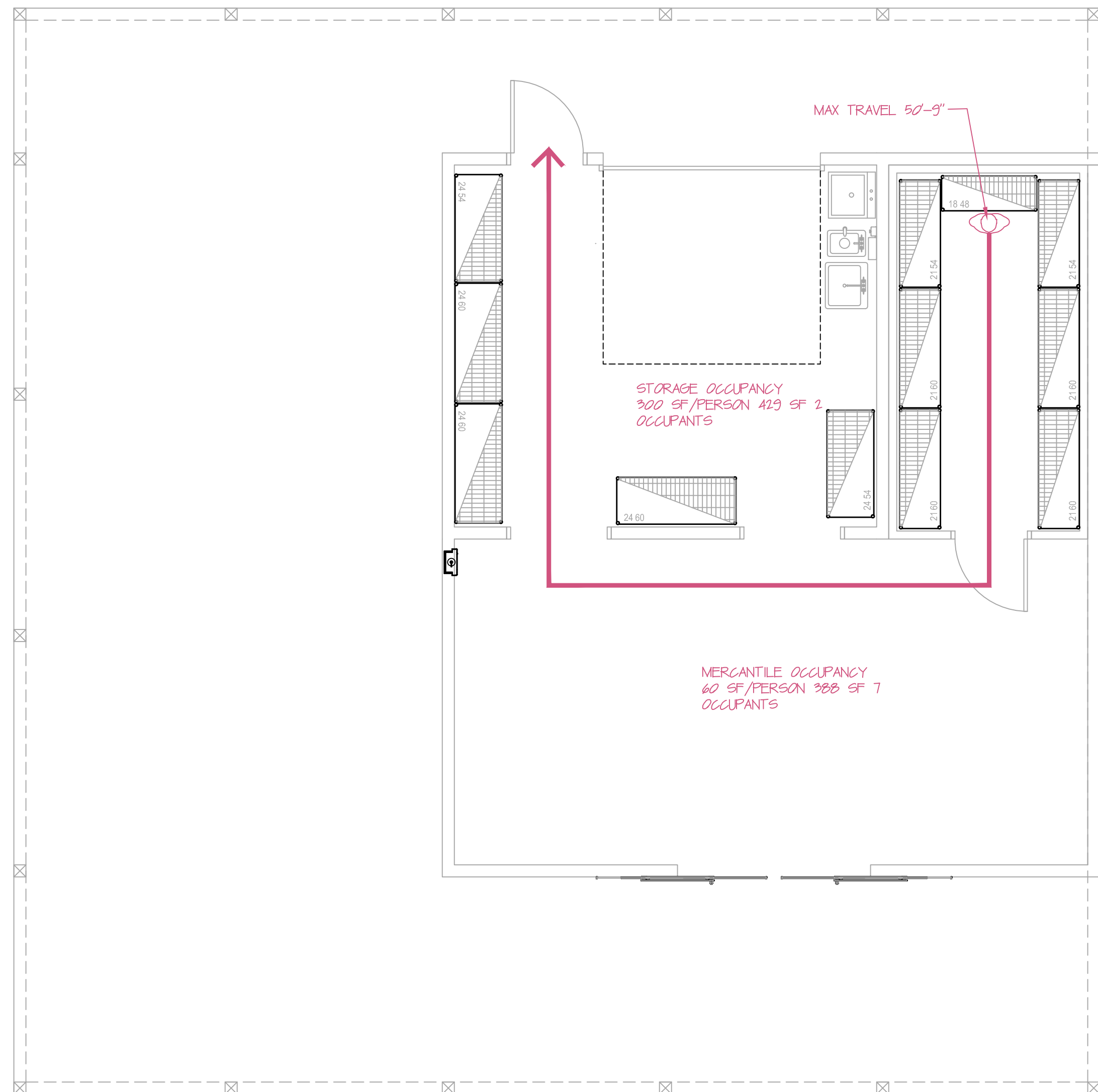
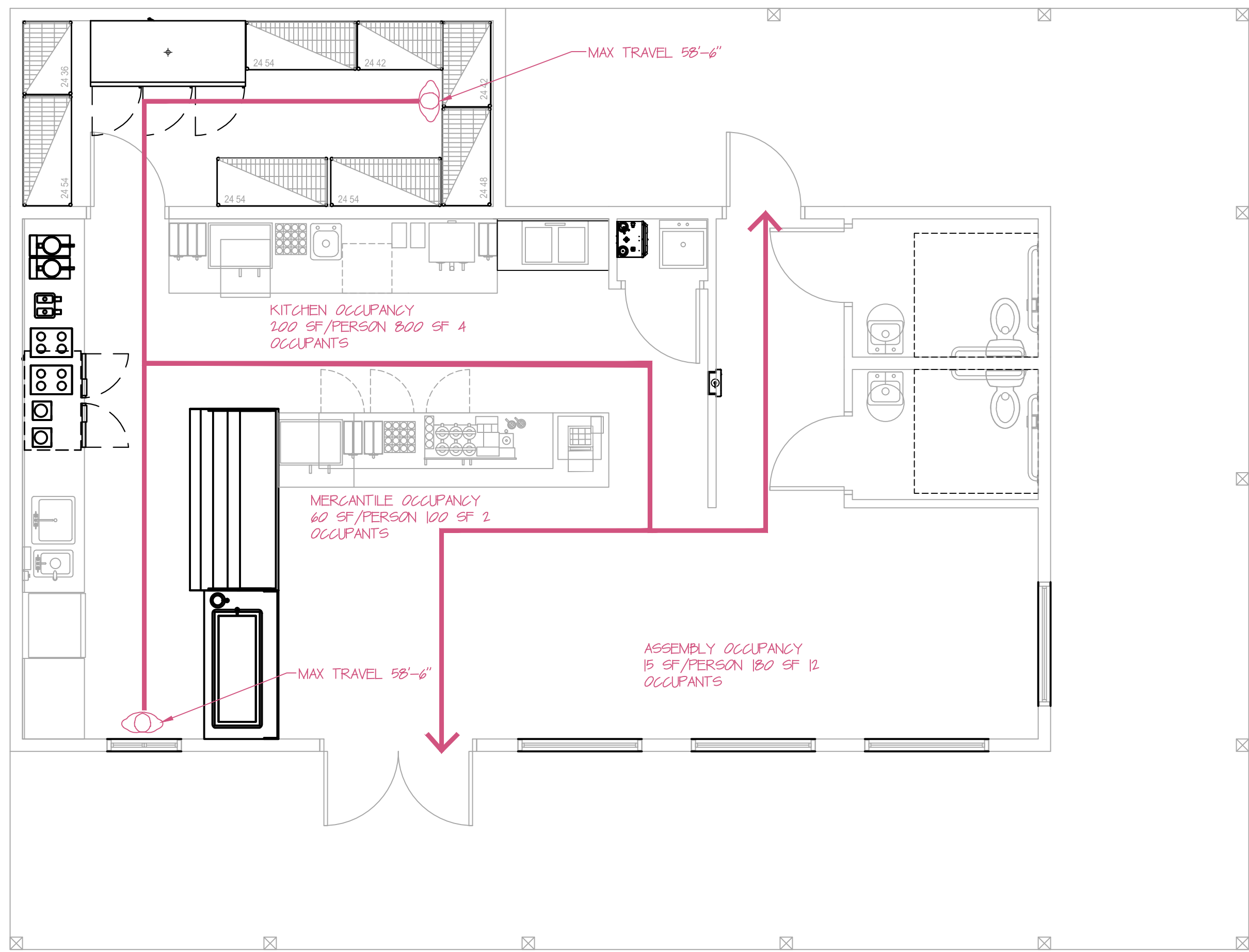
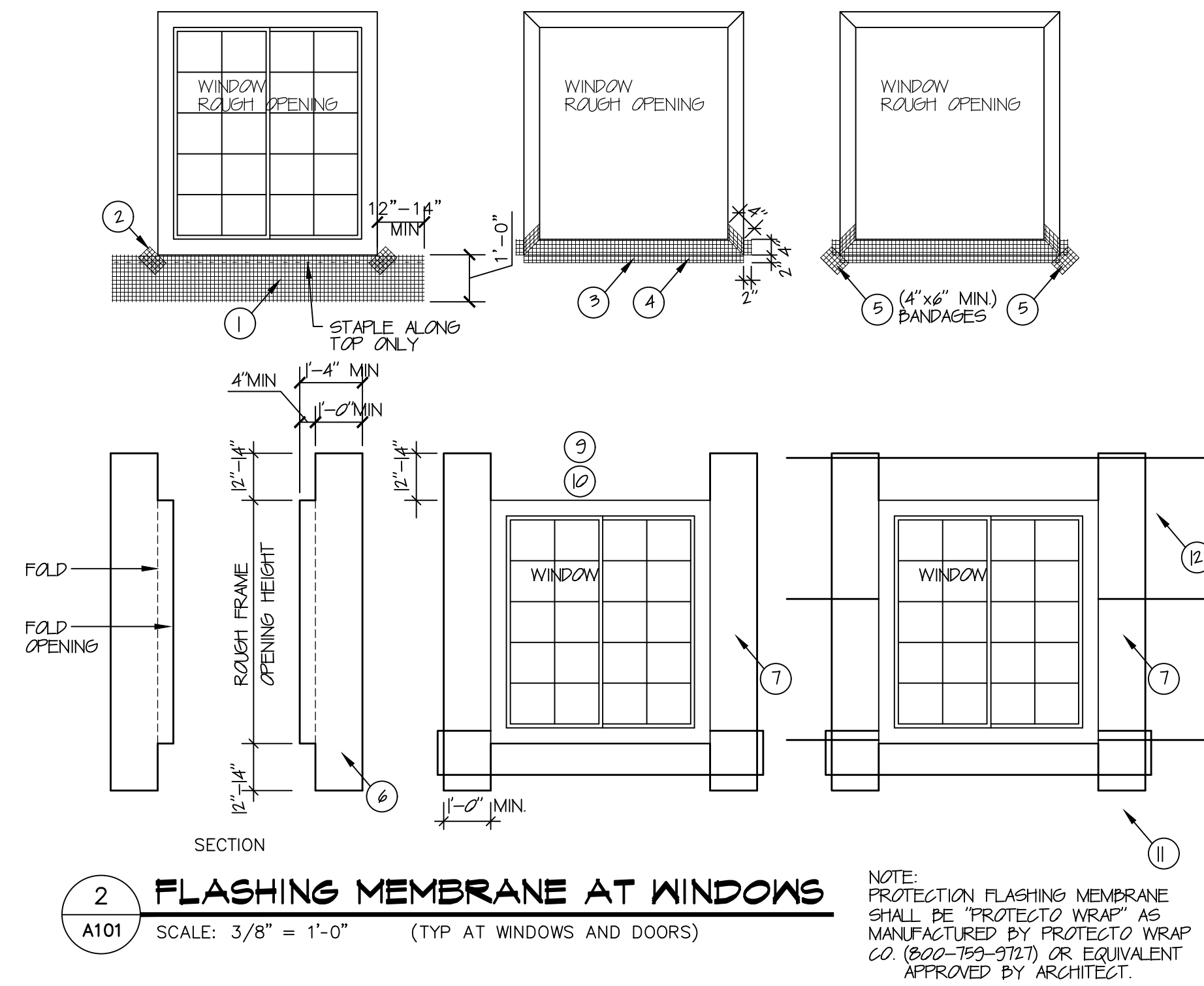
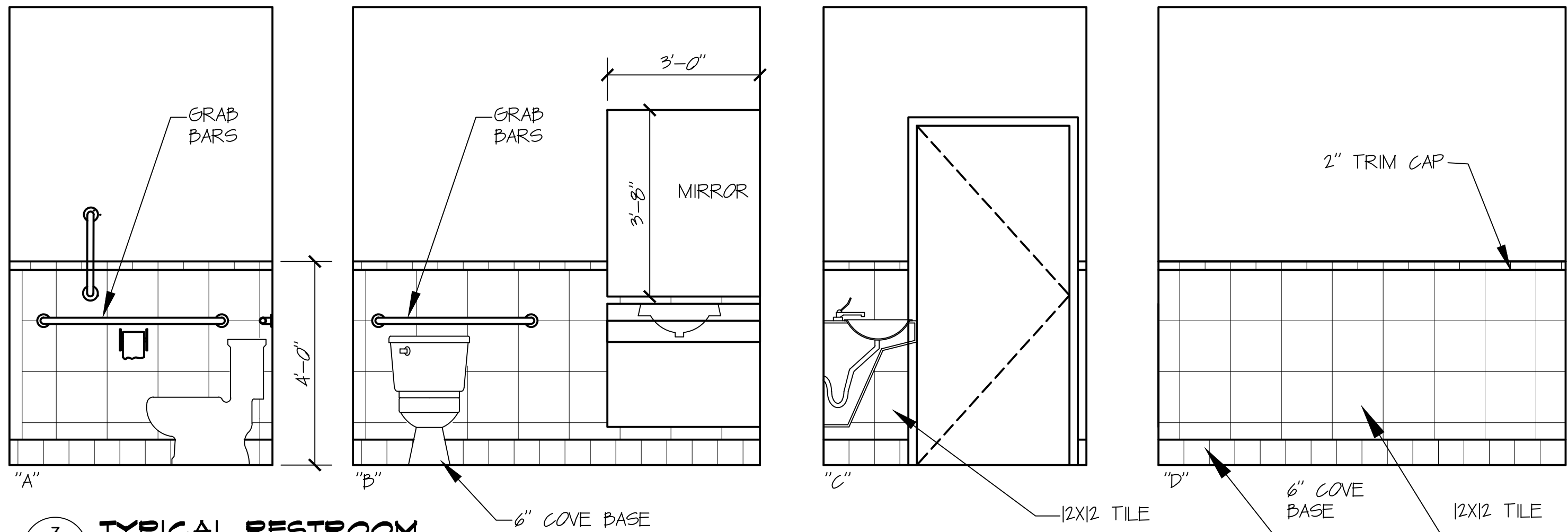
SCALE: 1/4" = 1'-0"

DESCRIPTION: FLOOR PLAN

SHEET

A100

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FARM BUILDINGS
LOUISVILLE, TN

REVISIONS

DRAWN BY: GP

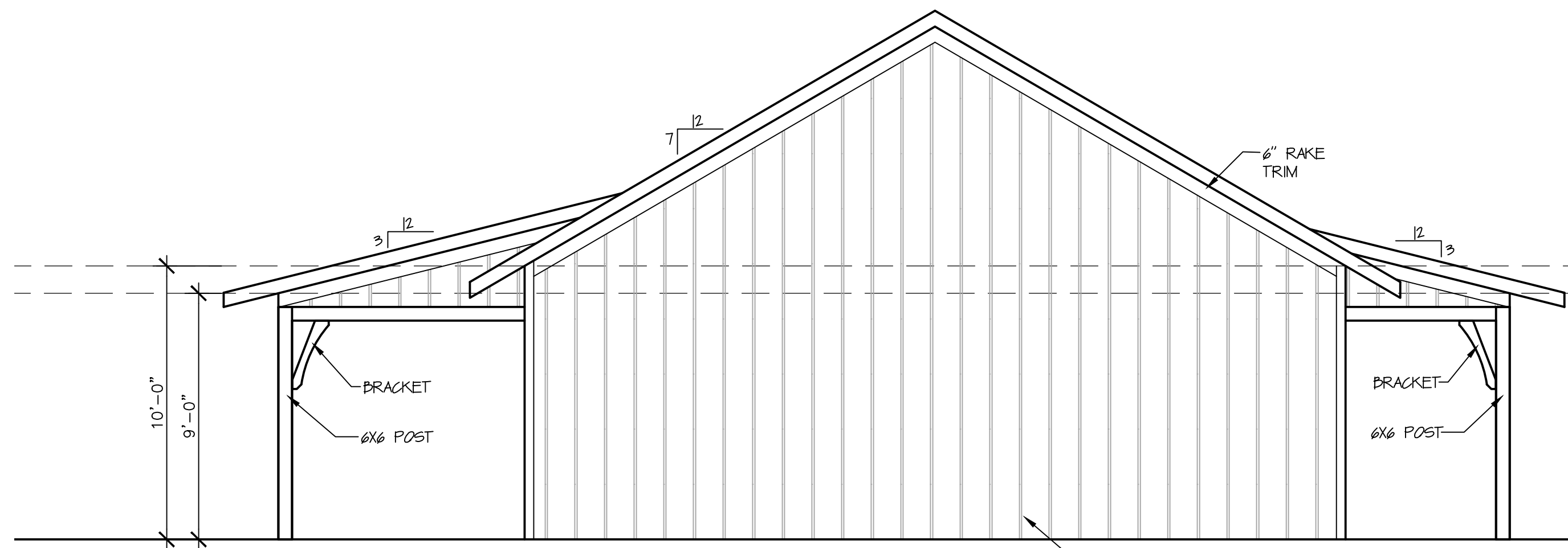
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DATE: 12/8/2015

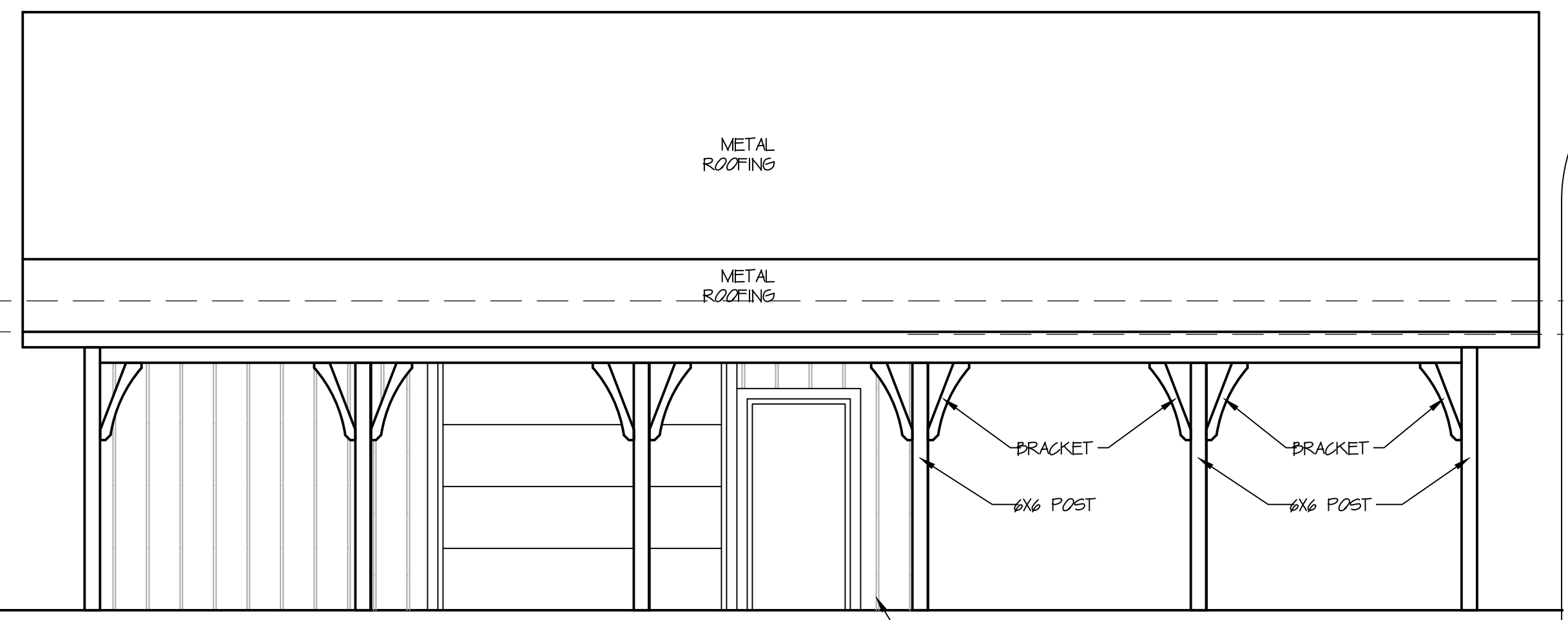
SCALE: 1/4"=1'-0"

DESCRIPTION: LIFE SAFETY FLOOR PLAN

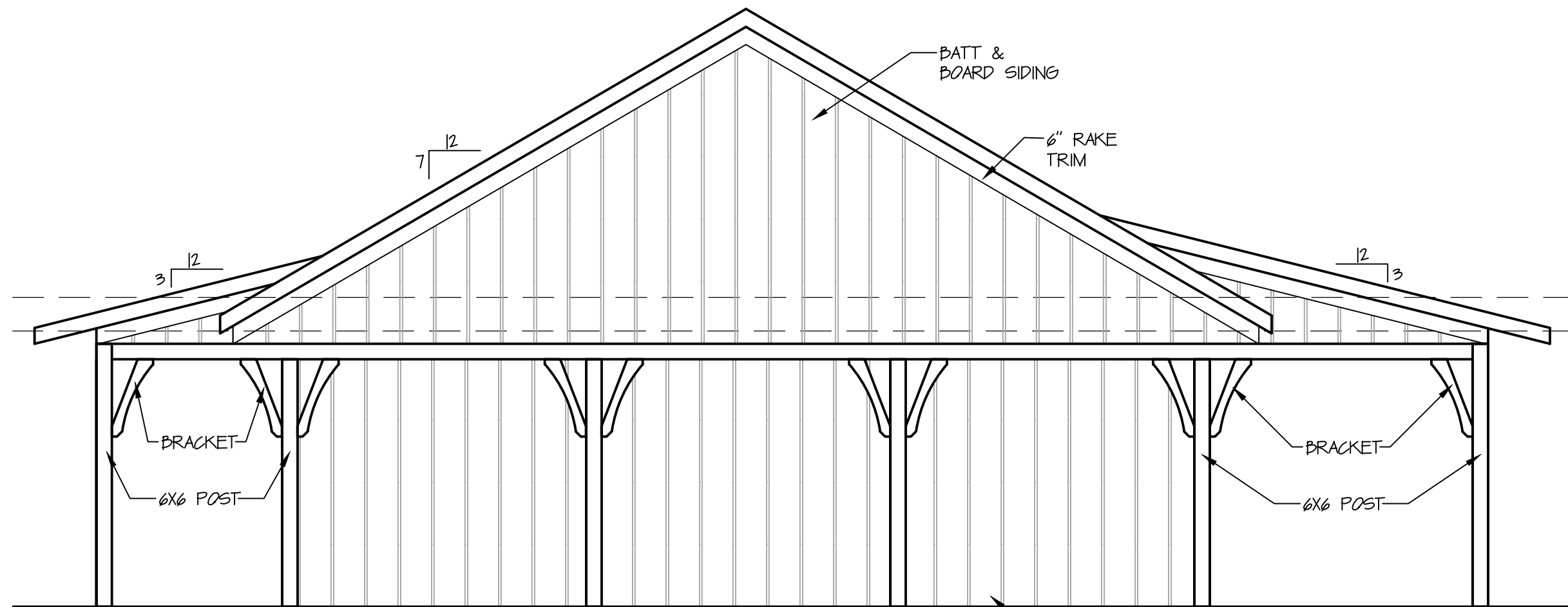
A101



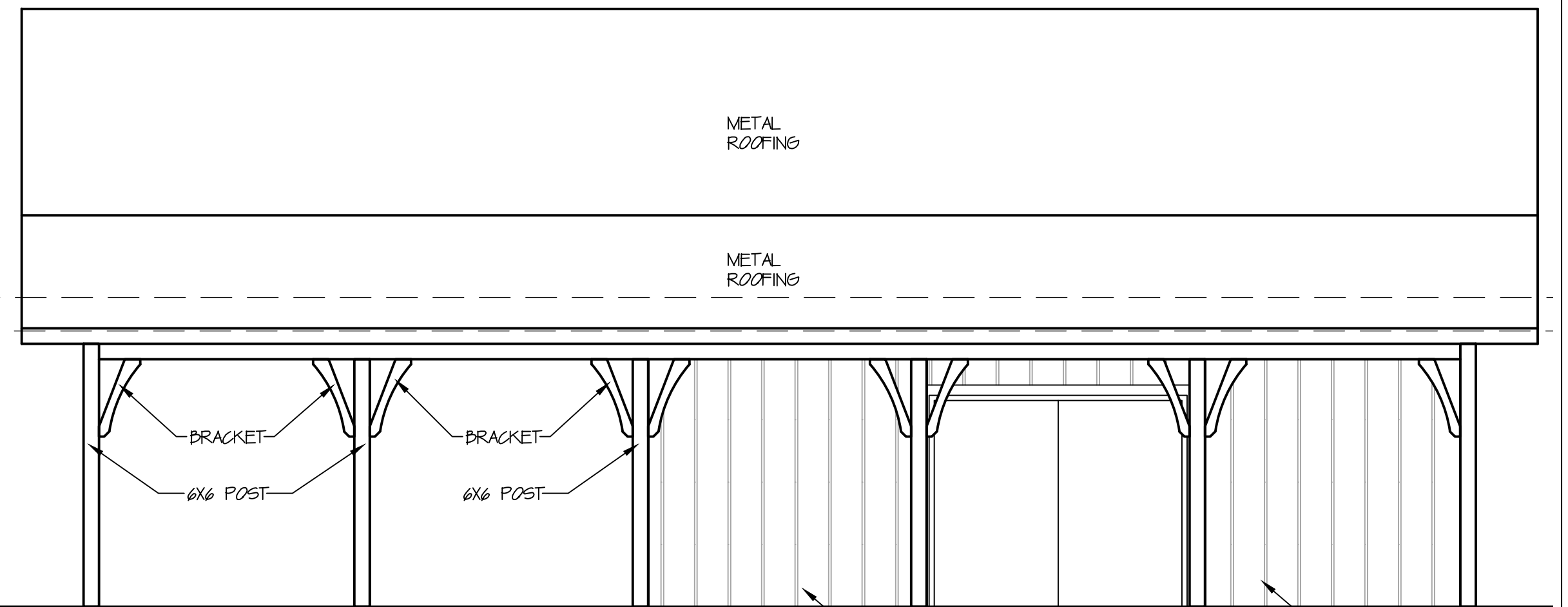
8 **RIGHT ELEVATION BUILDING "B"**
A200 SCALE: 1/4" = 1'-0"



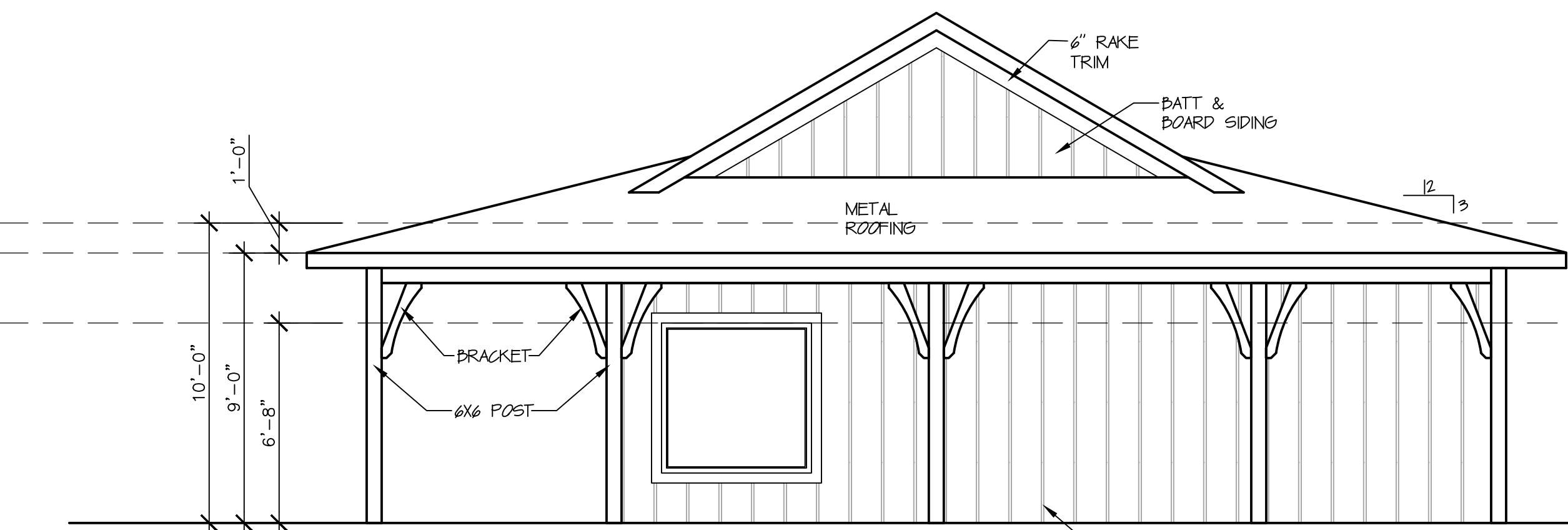
7 **REAR ELEVATION BUILDING "B"**
A200 SCALE: 1/4" = 1'-0"



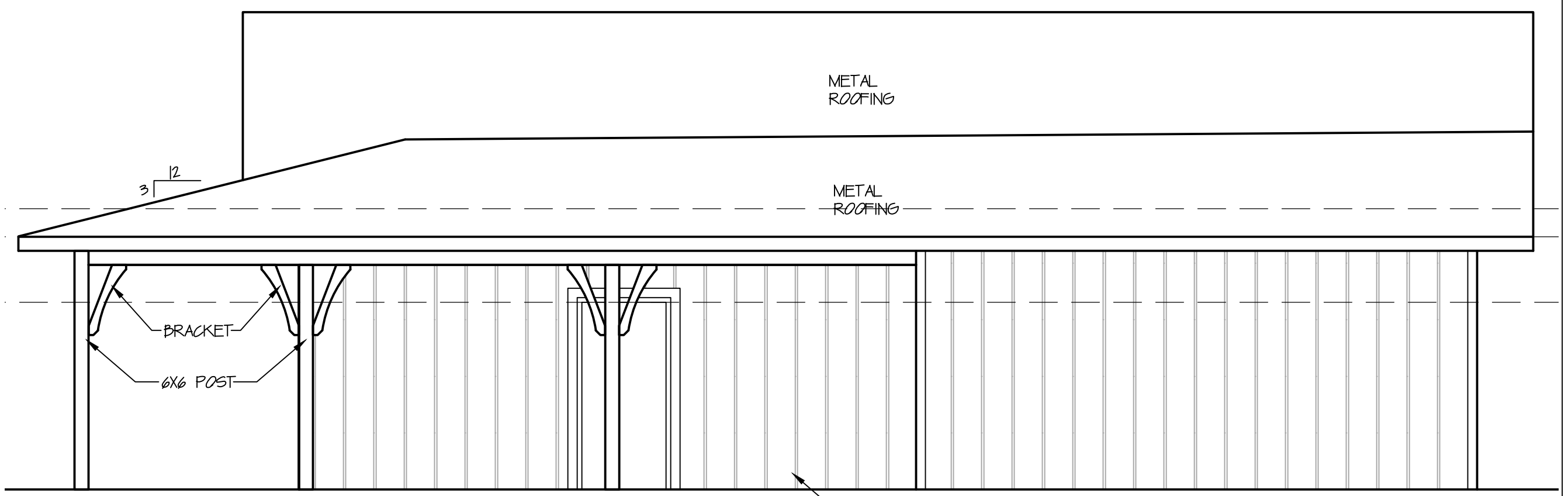
6 **LEFT ELEVATION BUILDING "B"**
A200 SCALE: 1/4" = 1'-0"



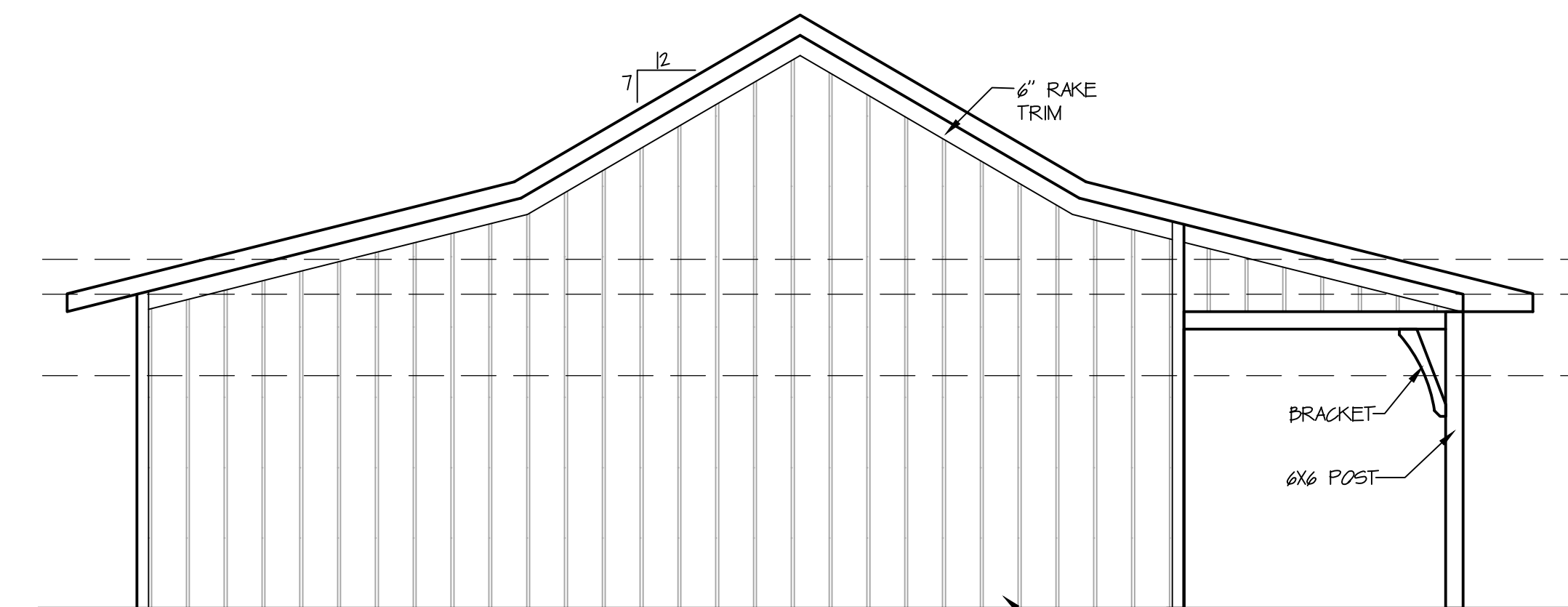
5 **FRONT ELEVATION BUILDING "B"**
A200 SCALE: 1/4" = 1'-0"



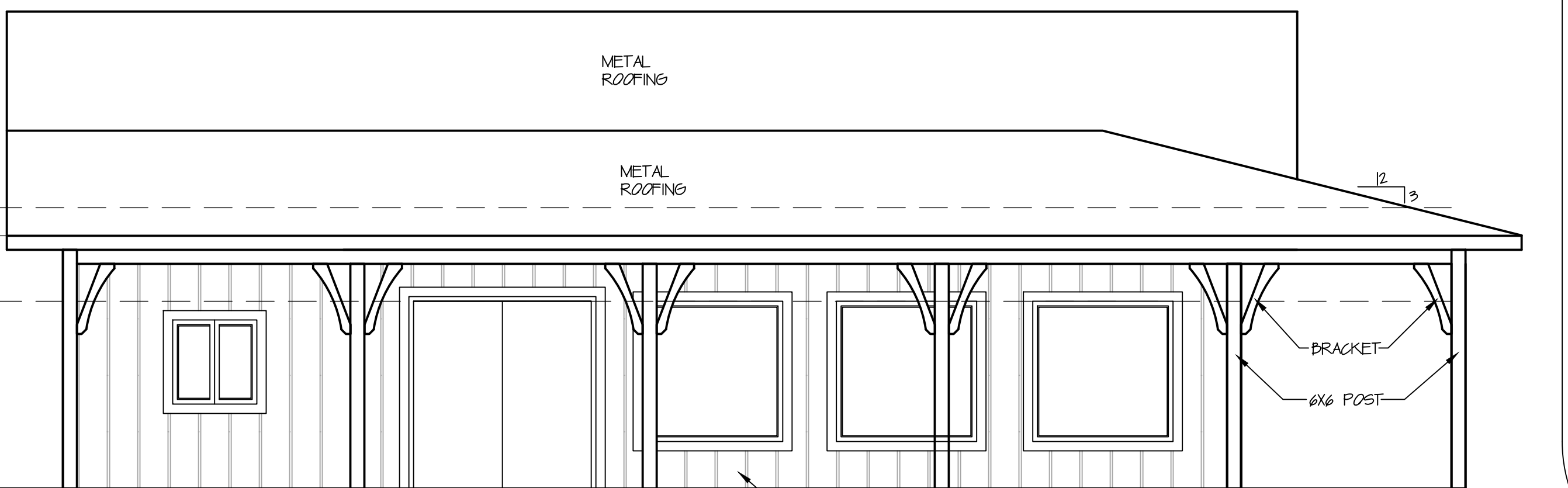
4 **RIGHT ELEVATION BUILDING "A"**
A200 SCALE: 1/4" = 1'-0"



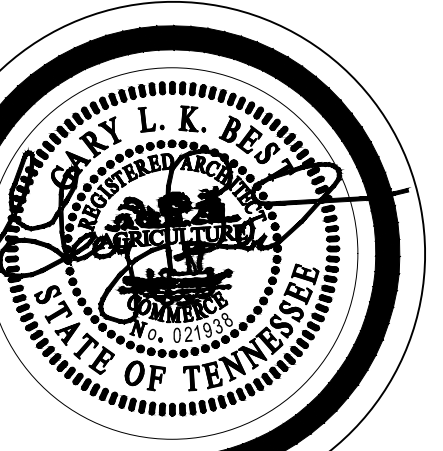
3 **REAR ELEVATION BUILDING "A"**
A200 SCALE: 1/4" = 1'-0"



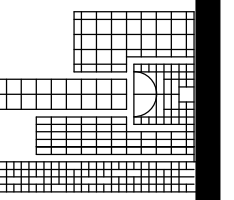
2 **LEFT ELEVATION BUILDING "A"**
A200 SCALE: 1/4" = 1'-0"



1 **FRONT ELEVATION BUILDING "A"**
A200 SCALE: 1/4" = 1'-0"



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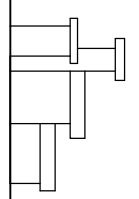


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REVISIONS	
1	12/8/2015
2	1/4"=1'-0"
3	ELEVATIONS

A200



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REVISIONS

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12/8/2015

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1"=30'0"

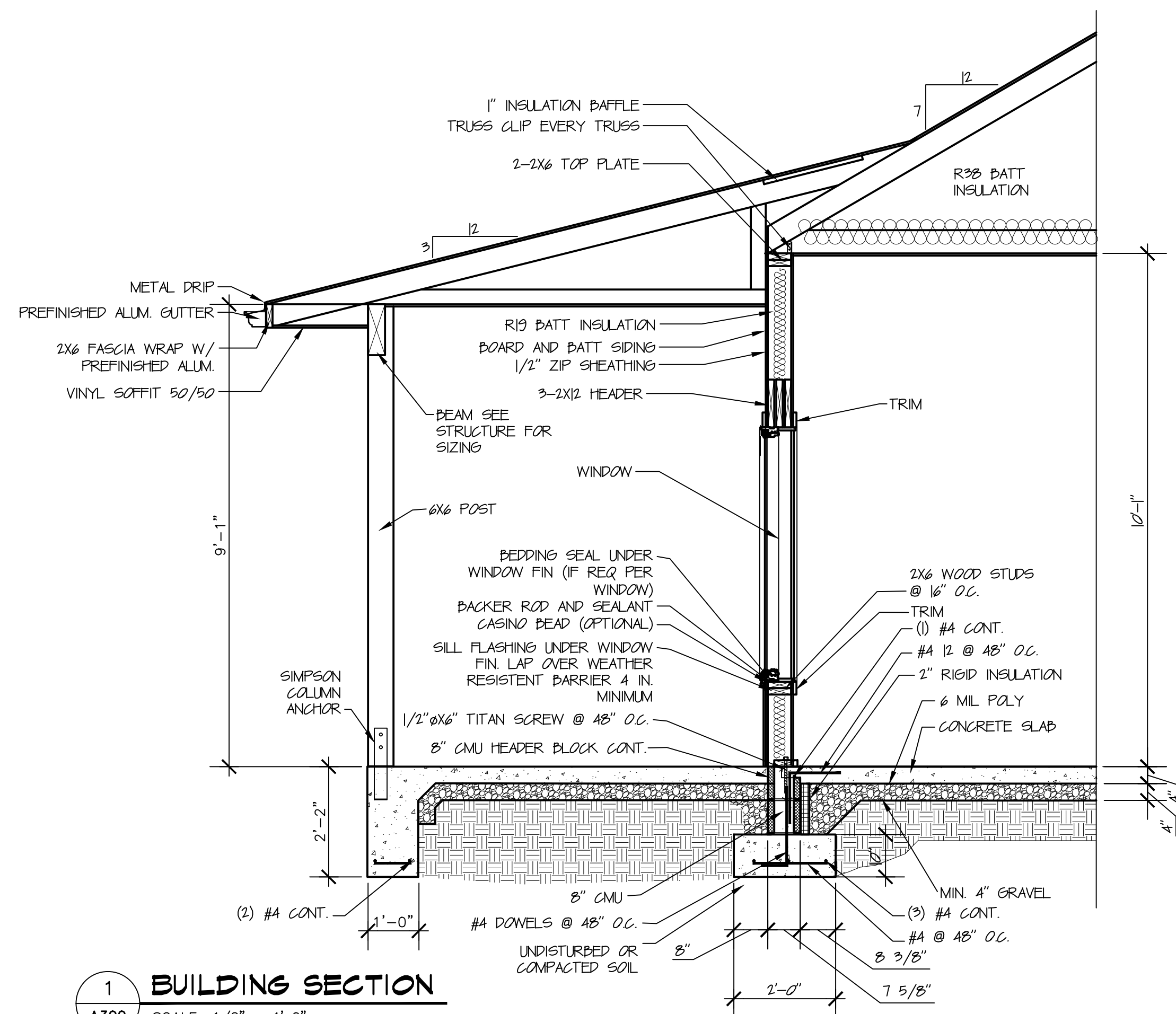
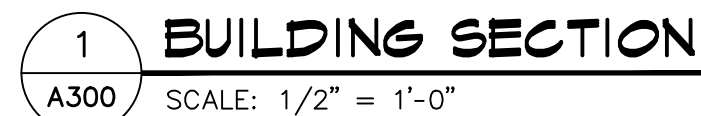
DESCRIPTION:

SECTION

SECTION

SHEET

A300



STRUCTURAL NOTES

1. ALL EXCAVATION IS TO BE TO UNDISTURBED CLAY OR SUITABLE SOIL WITH A MINIMUM BEARING CAPACITY OF 1000 LB / SQ. FT.
2. SHOULD SOL BE UNSUITABLE OWNER SHALL EMPLOY SOIL TESTING SERVICE AND NOTIFY THE ARCHITECT IF INADEQUATE BEARING CONDITIONS EXIST.
3. ALL CONCRETE IS TO BE 3000 PSI AT 28 DAYS. CONTRACTOR TO PROVIDE TESTING FOR ALL POURED IN PLACE CONCRETE.
4. ALL REBAR IS TO CONFORM TO ASTM STANDARDS AND IS TO HAVE A MINIMUM COVERAGE OF 3" CONTINUOUS PIECES ARE TO BE LAPPED A MINIMUM OF 2' AND TIED.
5. SAFE ERECTION OF THE TRUSSES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. DESIGN LOADS ARE AS FOLLOWS:
FLOORS 50 PSF
ROOF 25 PSF LIVE
WIND 20 PSF LIVE
SEISMIC ZONE 2
(200 LB. CONCENTRATED)
250 LB.
GRAB BARS
7. FOOTINGS ARE NOT TO BE POURED UNDER FREEZING CONDITIONS WITHOUT WRITTEN CONSENT FROM THE ARCHITECT.
8. ARCHITECT IS TO BE NOTIFIED AT LEAST TWO DAYS BEFORE FOOTINGS ARE TO BE POURED FOR INSPECTION.

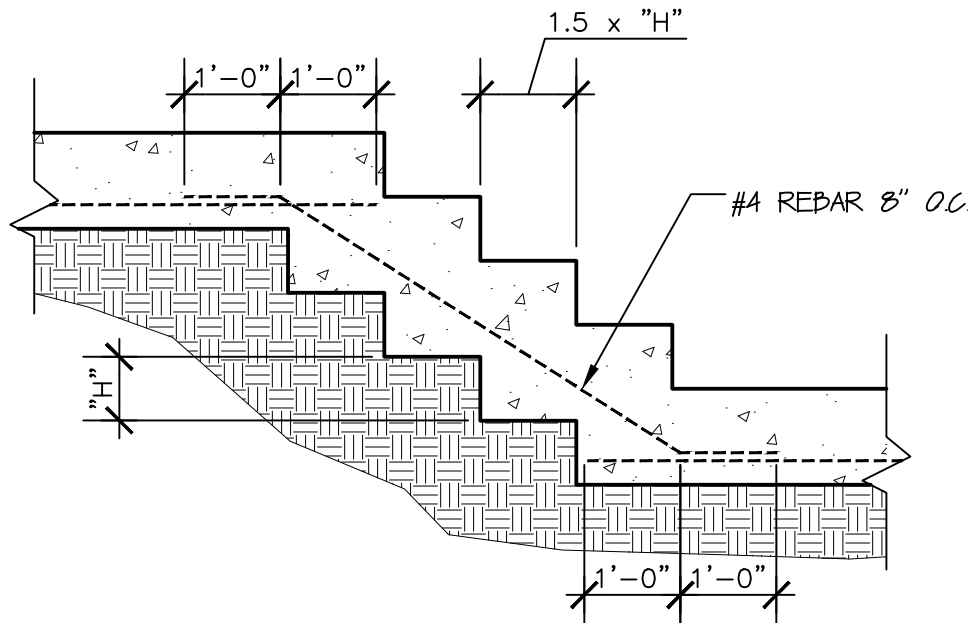
CONCRETE NOTES

1. ALL CONCRETE TO BE AT COMPRESSIVE STRENGTH NOTED ON DRAWINGS AT 28 DAYS WITH WATER-CEMENT RATIO 0.45 MAX.
2. PORTLAND CEMENT TO MEET ASTM C 150 TYPE I
3. FLY ASH TO MEET ASTM C 618 TYPE F
4. AGGREGATES TO MEET ASTM C 33
5. LIGHTWEIGHT AGGREGATES TO MEET ASTM C 330
6. AIR-ENTRAINING ADMIXTURES TO MEET ASTM C 160
7. VAPOR BARRIER TO MEET ASTM E 154
8. FIBER REINFORCEMENT TO BE POLYPROPYLENE FIBERS ENGINEERED AND DESIGNED FOR CONCRETE SLAB COMPLYING WITH ASTM C 1116 TYPE III
9. ALL SLABS TO RECEIVE CURING AND SEAL TO MEET ASTM C 309 TYPE I CLASS B. MASTERKURE BY MASTER BUILDERS, INC. OR EQUAL.
10. ALL SURFACES TO BE TROWELED SMOOTH WITH THE EXCEPTION OF SIDEWALKS WHICH ARE TO RECEIVE A LIGHT BROOM FINISH.

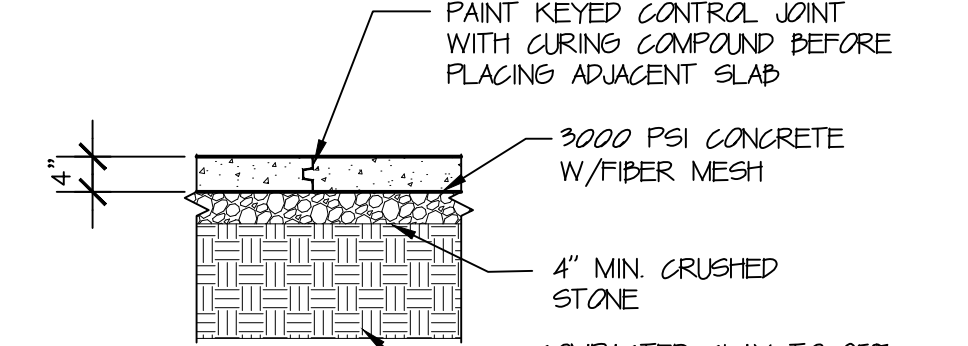
7 TYP. CONT. FOOTING STEP
S100 SCALE: 1/2" = 1'-0"

MASONRY NOTES

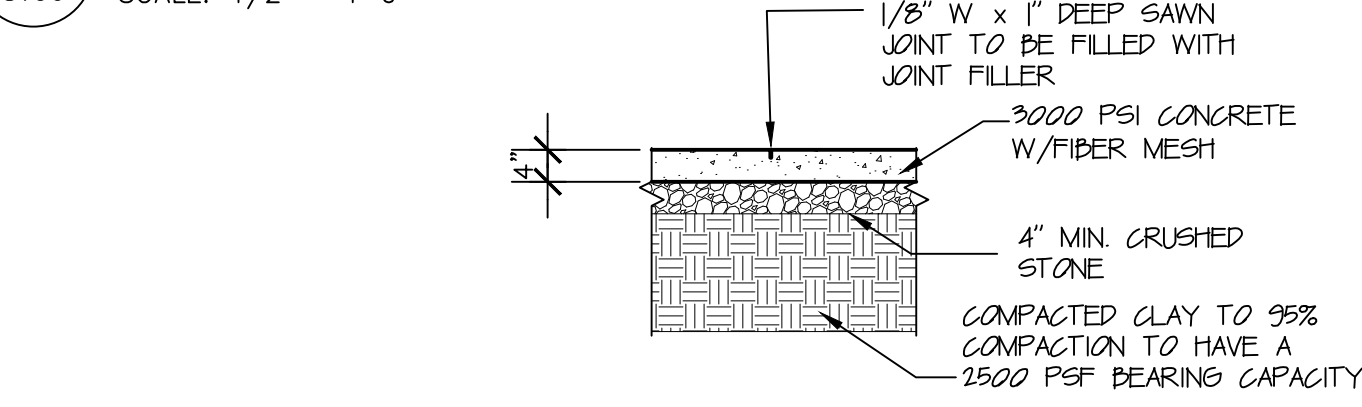
1. ALL HOLLOW LOAD BEARING MASONRY UNITS ARE TO MEET ASTM C 90
2. ALL SOLID LOAD BEARING MASONRY UNITS ARE TO MEET ASTM C 145
3. PORTLAND CEMENT IS TO MEET ASTM C 150
4. MASONRY CEMENT IS TO MEET ASTM C 91
5. AGGREGATE FOR MORTAR TO MEET ASTM C 144
6. AGGREGATE FOR GROUT IS TO MEET ASTM C 404
7. TRUSS TYPE REINFORCING IS TO MEET ASTM A62 & A153
8. USE TYPE S MORTAR ON ALL MASONRY UNITS BELOW GRADE OR IN CONTACT WITH THE EARTH
9. USE TYPE N MORTAR ON ALL MASONRY UNITS ABOVE GRADE
10. NO BLOCK IS TO BE LAID WET OR UNDER FREEZING CONDITIONS
11. FOUNDATION VENTS ARE TO BE THERMOSTATICALLY CONTROLLED AND ARE TO MEET SBC 1804.6.31



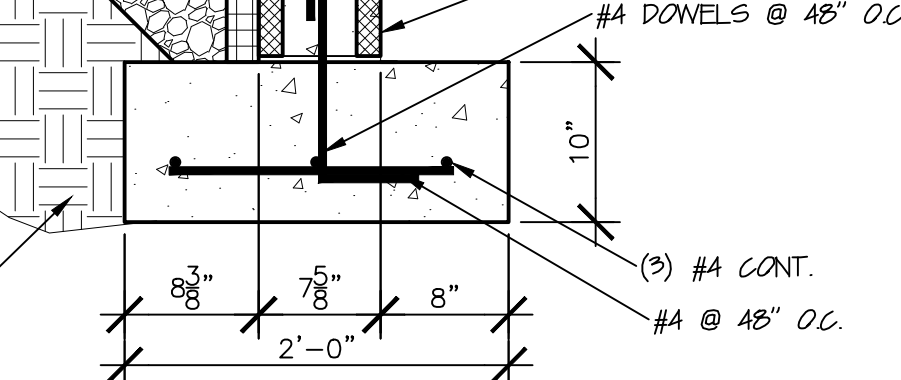
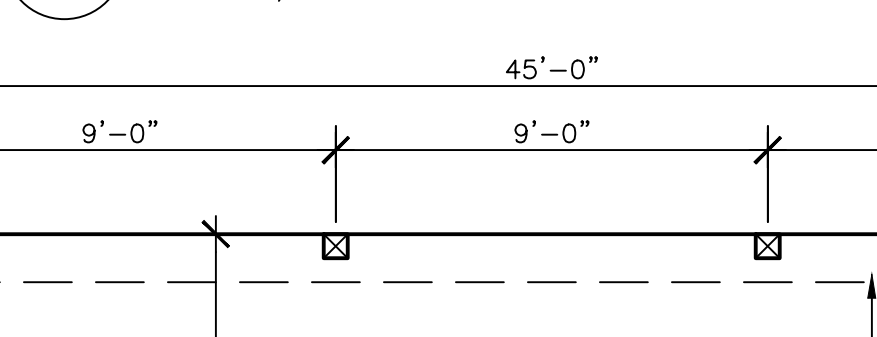
6 FOOTING SECTION
S100 SCALE: 1" = 1'-0"



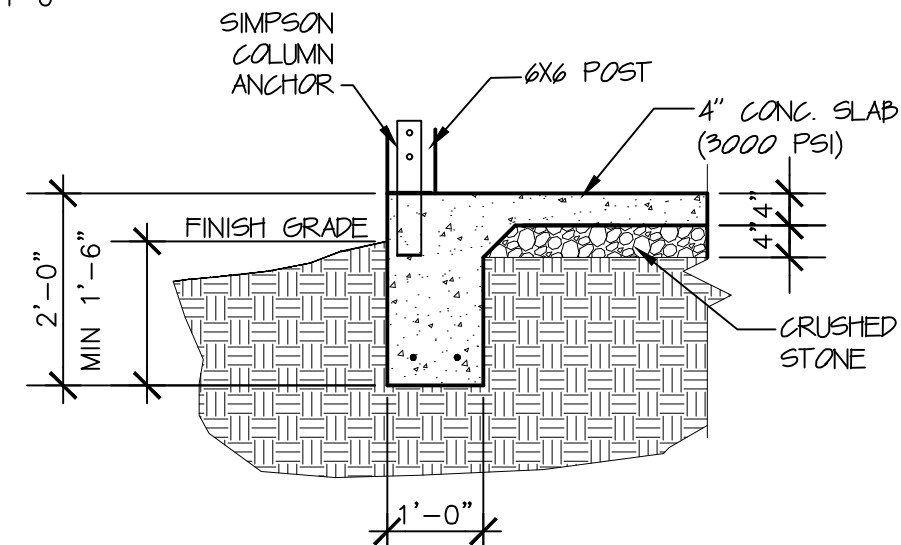
5 CONSTRUCTION JOINT DETAIL
S100 SCALE: 1/2" = 1'-0"



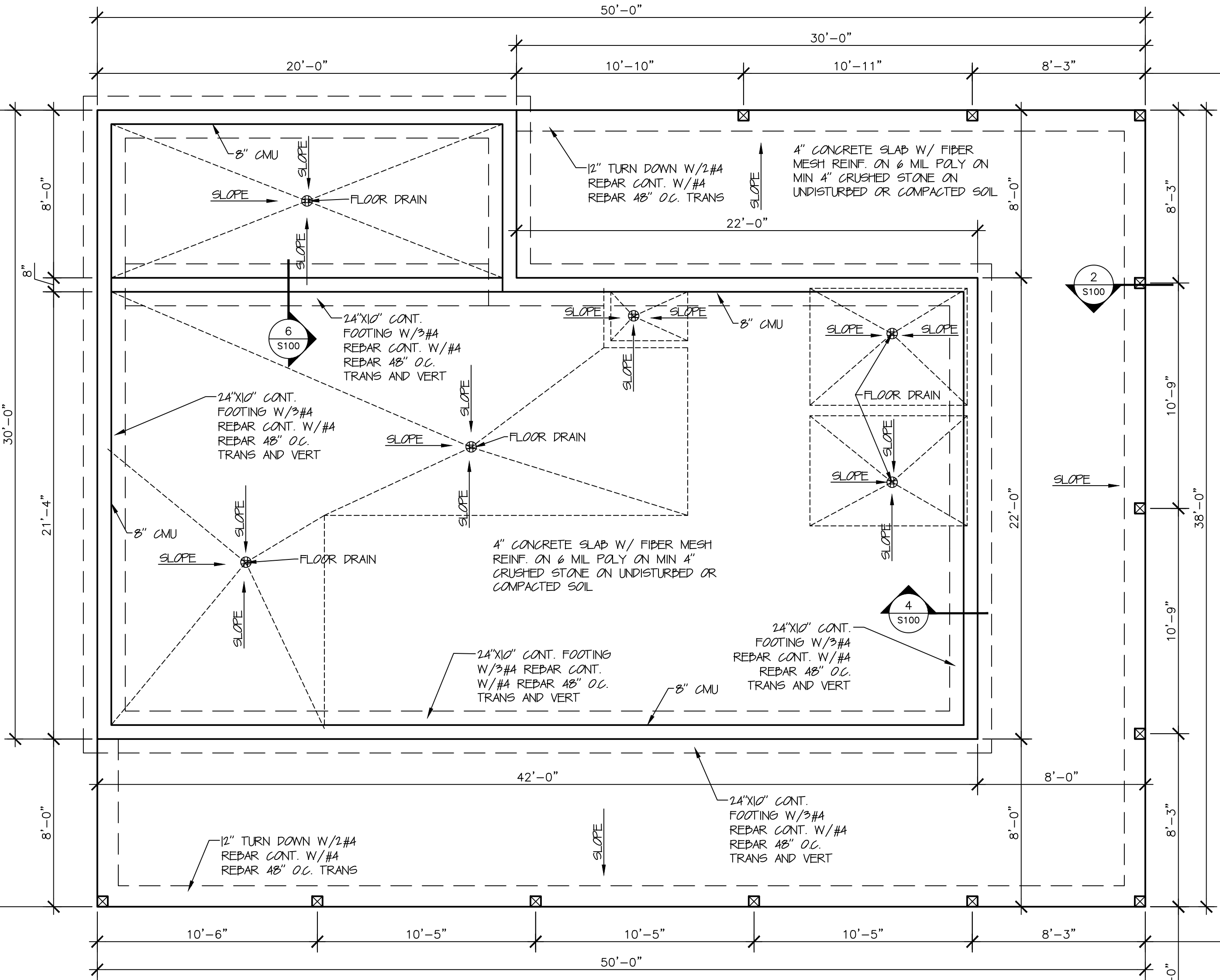
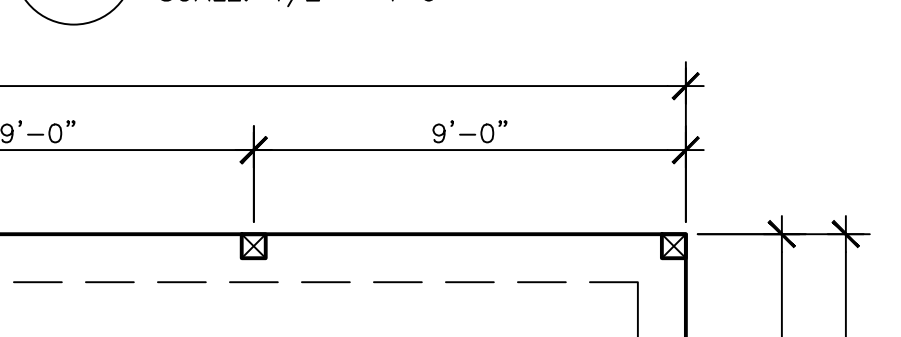
3 CONTROL JOINT DETAIL
S100 SCALE: 1/2" = 1'-0"



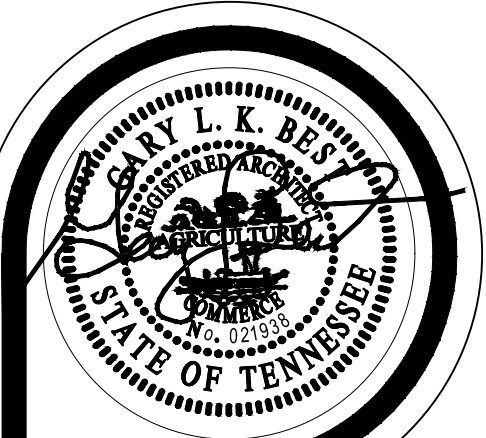
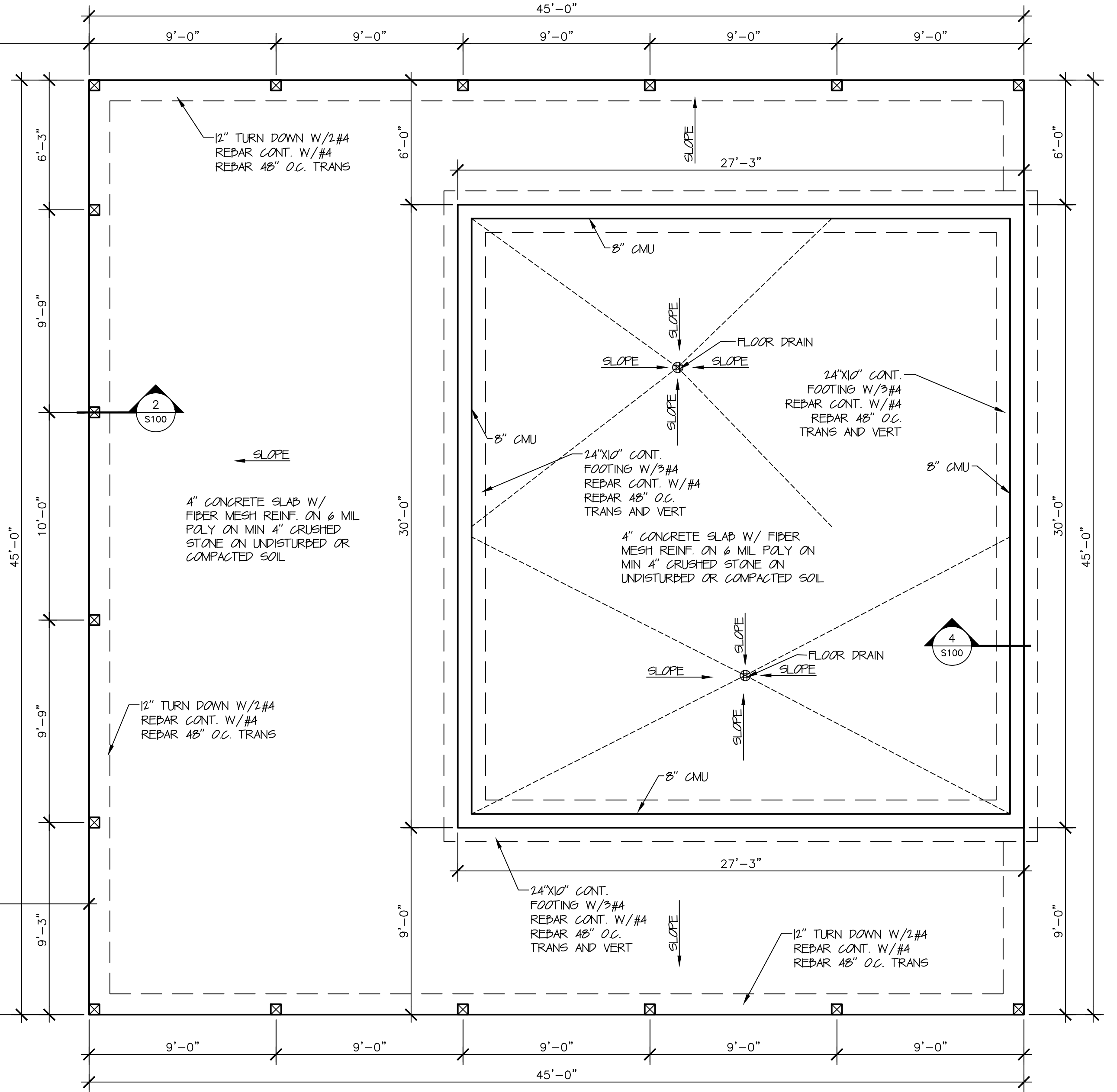
4 PERIMETER FOOTING DETAIL
S100 SCALE: 1" = 1'-0"



2 TURNDOWN SECTION
S100 SCALE: 1/2" = 1'-0"



1 FOUNDATION PLAN
S100 SCALE: 1/4" = 1'-0"

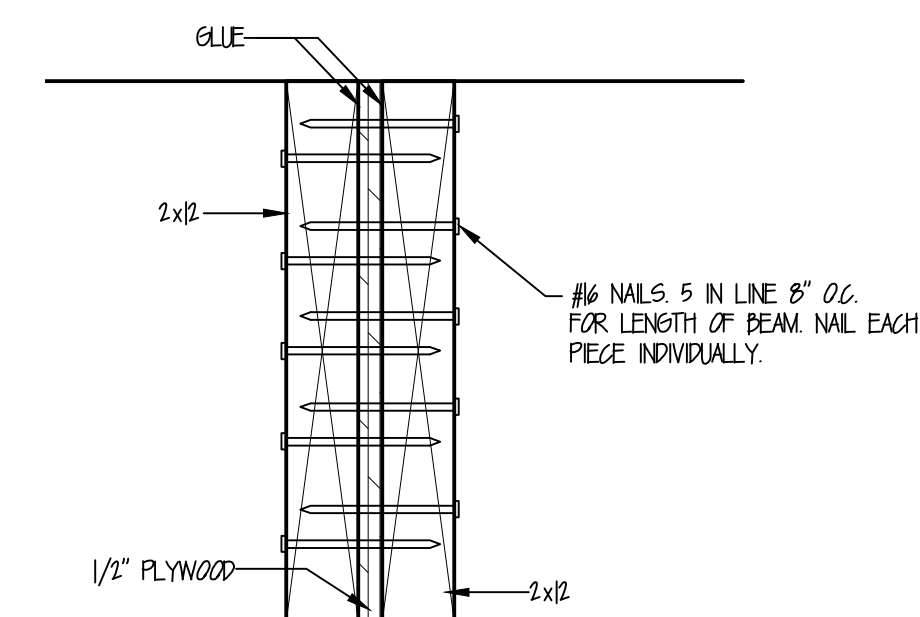


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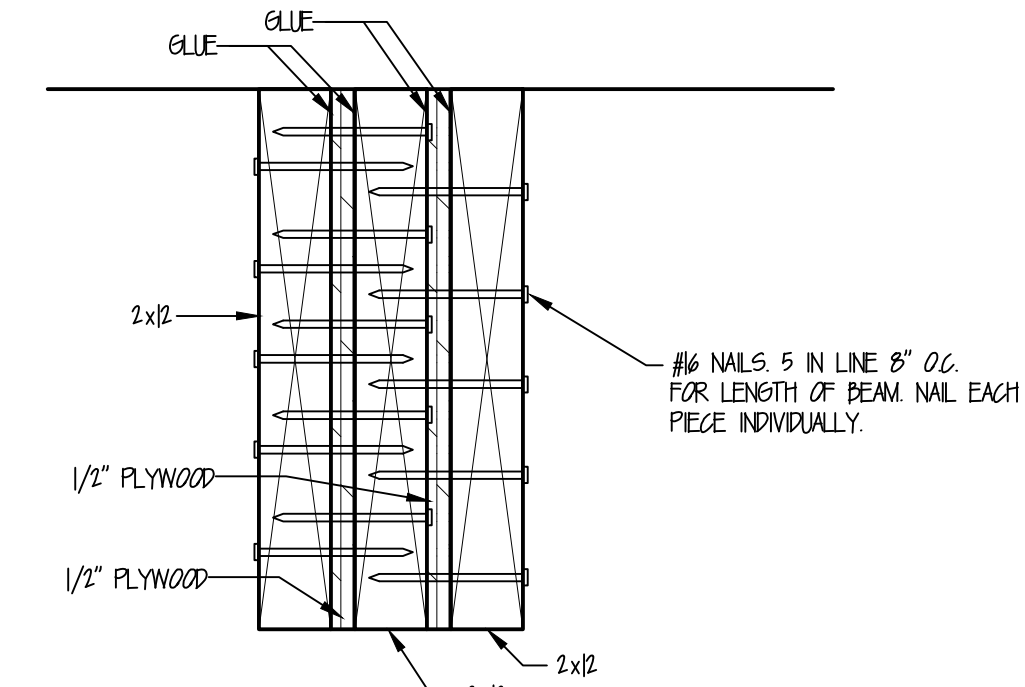
MCCARTHY
FARM BUILDINGS
LOUISVILLE, TN

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CHECKED BY: GP
DATE: 12/8/2015
SCALE: 1/4" = 1'-0"
DESCRIPTION: FOUNDATION PLAN
SHEET: S100



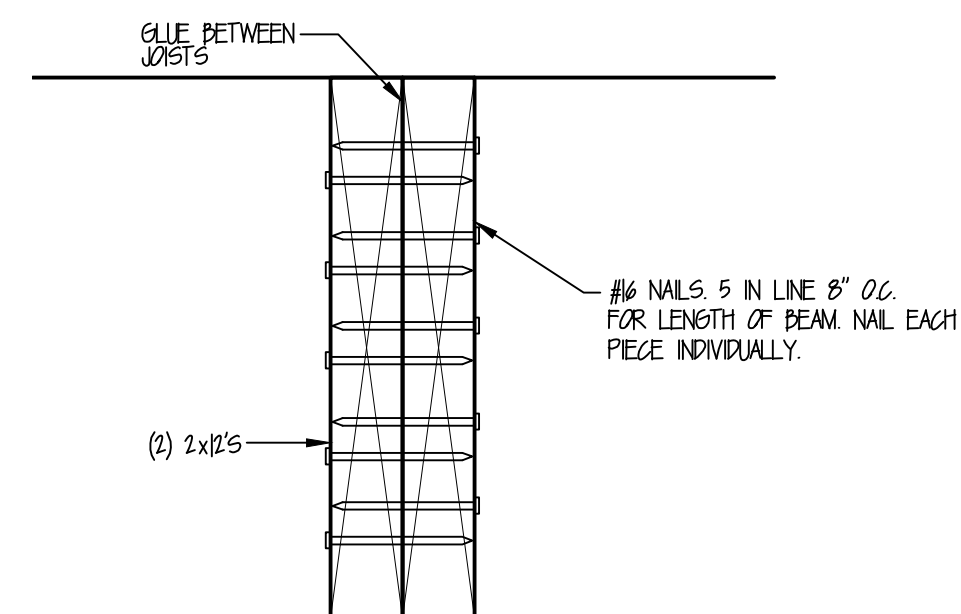
5 DOUBLE HEADER
S101 SCALE: 3" = 1'-0"



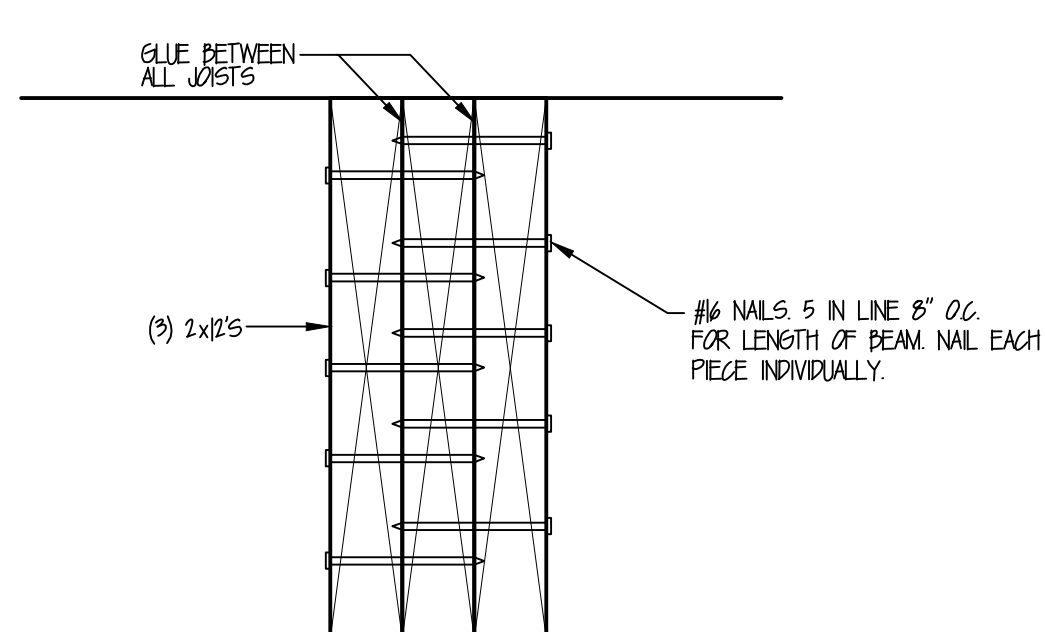
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S101

TRIPLE HEADER

SCALE: 3" = 1'-0"



3 DOUBLE BEAM DETAIL
S101 SCALE: 3" = 1'-0"



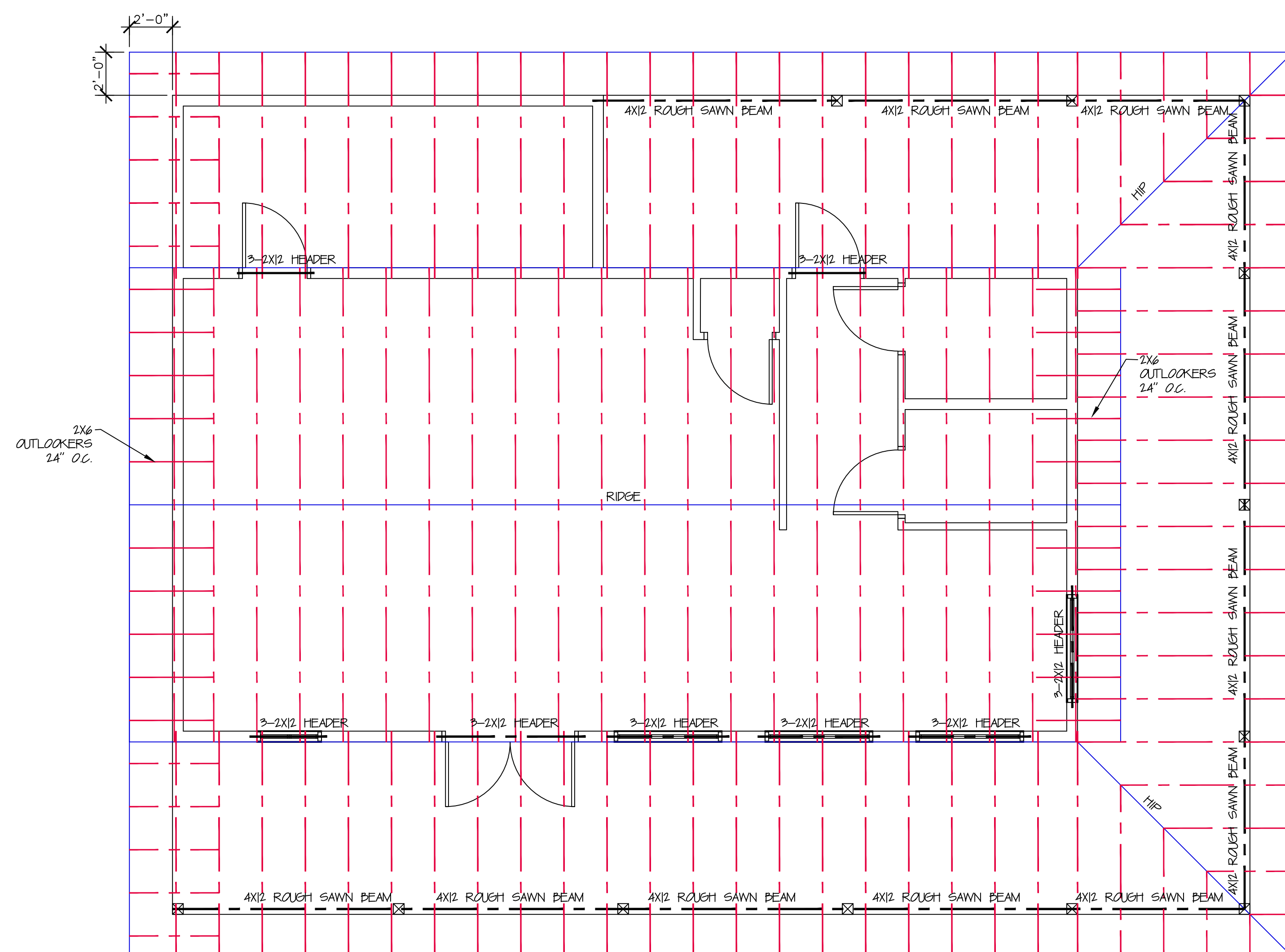
2 **TRIPLE BEAM DETAIL**
S101 SCALE: 3" = 1'-0"

- ## LUMBER NOTES

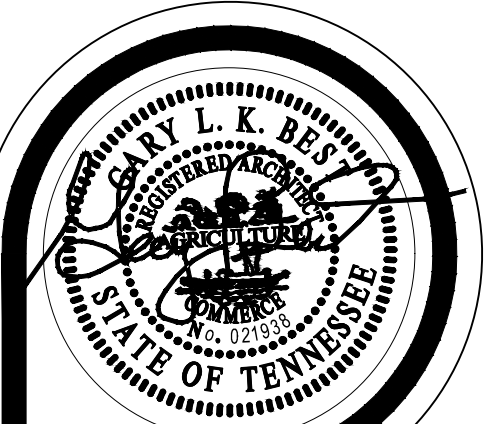
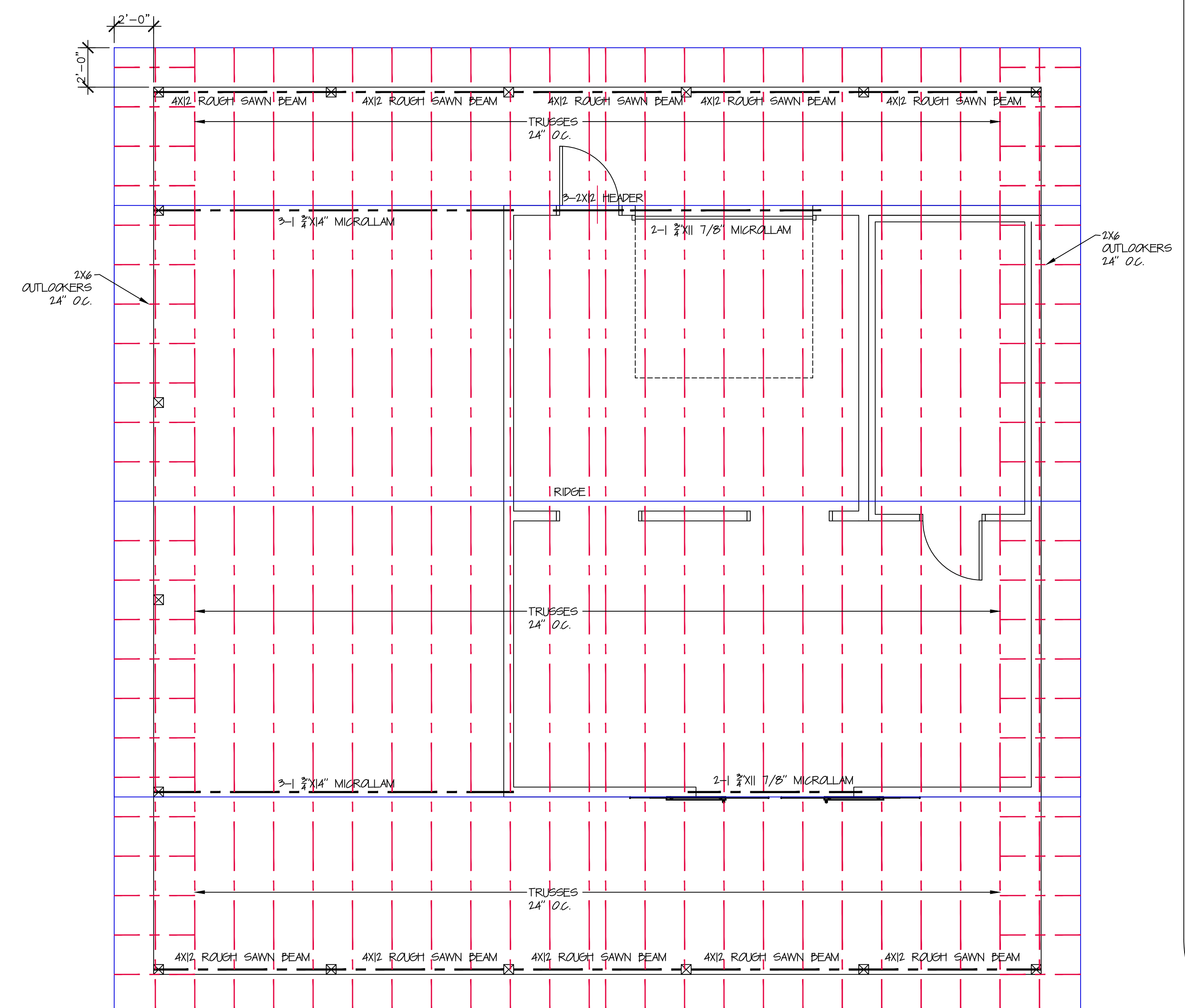
1. ALL LUMBER TO COMPLY WITH DOC FS 10 "AMERICAN SOFTWOOD LUMBER STANDARD"
2. ALL LUMBER TO BE GRADE 2 OR BETTER WITH MOISTURE CONTENT NOT TO EXCEED 19 PERCENT
3. PRESSURE TREATED LUMBER TO MEET AWPA STANDARDS C1
4. ALL NAILS, WIRES, BRADS, AND STAPLES ARE TO MEET FS FF-N-105
5. ALL POWER DRIVEN FASTENERS TO MEET CABO NER-272
6. SHEATHING FASTENERS TO MEET ASTM C994
7. ALL JOIST TO HAVE A MINIMUM OF 1/4" BEARING AND LIMIT NOTCHES TO 1/8" DEPTH. JOIST, DO NOT NAT ENDS, DO NOT BORE HOLES LARGER THAN 1/8" OF THE JOIST. DO NOT LOCATE CLOSER THAN 2 INCHES FROM TOP OR BOTTOM.
8. PROVIDE BRIDGING AT INTERVALS OF NOT GREATER THAN 36" O.C. BETWEEN SPAN OF JOISTS
9. ALL FLOOR DECKING IS TO BE GULLED AND SCREWED

TRUSS NOTES

1. ALL TRUSSES ARE TO BE ENGINEERED BY A REGISTERED ENGINEER AND SEALED
2. ALL TRUSSES ARE TO BE PROPERLY BRACED FROM END TO END AND ARE TO HAVE TRUSS CLIPS AT BEARING POINTS
3. ALL CONNECTOR PLATES SHALL BE GALVANIZED WITH MIN. THICKNESS AND GRADE MEETING THE REQUIREMENTS OF ASTM A693 GRADE 33 OR HIGHER
4. ERECTION BRACING SHALL HOLD TRUSSES STRAIGHT AND PLUMB UNTIL PERMANENTLY FASTENED AND DECKING APPLIED
5. SAFE ERECTION OF THE TRUSSES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR
6. TRUSSES ARE TO BE DESIGNED TO ACCEPT LOADS SHOWN ON DRAWINGS AND IN ACCORDANCE WITH ALL CODES APPROVED BY THE LOCAL AUTHORITY



1 ROOF FRAMING PLAN
S101 SCALE: 1/4" = 1'-0"



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GP

CHECKED BY:
GP

DATE:
12/3/2015

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

DESCRIPTION:
**ROOF FRAMING
PLAN**

SHEET

S101