GENERAL:

THE CONTRACTOR SHALL SUBMIT ALL PROPOSED ALTERNATE DETAILS TO THOSE PROVIDED WITH RELATED CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (IBC), 2006 EDITION, AND ALL BUILDING CODES REFERENCED BY THE IBC. IN THE CASE OF CONFLICTING REQUIREMENTS, THE IBC SHALL GOVERN.

THE PROJECT GEOTECHNICAL REPORT SHALL BE CONSIDERED PART OF THE PROJECT CONSTRUCTION DOCUMENTS. ALL REQUIREMENTS AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT SHALL BE FOLLOWED. IN THE CASE OF A CONFLICT BETWEEN THE STRUCTURAL DRAWINGS AND THE GEOTECHNICAL REPORT, THE GOETECHNICAL REPORT SHALL GOVERN.

STRUCTURAL DESIGN CRITERIA NOTES:

LATERAL FORCES ARE CARRIED BY THE ROOF & FLOOR DIAPHRAGMS TO THE SHEAR WALLS. MOMENTS, SHEARS AND ROTATIONAL FORCES ARE DELIVERED TO THE FOUNDATION BY THE SHEAR WALLS. FOR ANALYSIS PURPOSES, THE ROOF DIAPHRAGM IS CONSIDERED FLEXIBLE.

STRUCTURAL DESIGN CRITERIA

BUILDING CODE:	2006 IBC	AND ALL CODES REFERENCED BY IBC
LOCATION:	RICO, CO	DOLORES COUNTY

GEOTECHNICAL PARAMETERS

SOIL ENGINEER	YEH AND ASSOCIATES, INC.
REPORT NUMBER:	222-434
DATE:	OCTOBER 28, 2022
NOTES:	-
ALLOWABLE SOIL BEARING PRESSURE	2500 PSF

ROOF SNOW LOAD DATA

GROUND SNOW LOAD, Pg:	100 psf	CITY OF RICO
FLAT ROOF SNOW LOAD, Pf:	77 psf	CITY OF RICO
SNOW EXPOSURE FACTOR, Ce:	1.0	
SNOW LOAD IMPORTANCE FACTOR, I:	1.0	
THERMAL FACTOR, Ct:	1.1	

WIND DESIGN PARAMETERS

BUILDING CODE:	2006 IBC
DESIGN SPEED (3s GUST):	90 MPH
EXPOSURE CATEGORY:	B
RISK CATEGORY	II
INTERNAL PRESSURE COEFFICIENT	+/- 0.18

SEISMIC DESIGN PARAMETERS

RISK CATEGORY:	II	
IMPORTANCE FACTOR, I:	1.0	
Ss:	0.307	
S1:	0.075	
SITE CLASS:	D	
SDS:	0.319	
SD1	0.119	
SEISMIC DESIGN CATEGORY:	B	
BASIC SEISMIC FORCE-RESISTING SYSTEM:	LIGHT-FRAME WOOD	
DESIGN BASE SHEAR:	1.38 K	
Cs:	0.046	
R:	7	
PROCEDURE USED:	EQUIVALENT LATERAL FORCE	

GRAVITY DESIGN CRITERIA (PSF, SERVICE LOADS)

	DEAD	ROOF LIVE	SNOW	LIVE	TOTAL
ROOF:	15	-	77	-	92
FLOOR:	20	-	-	40	60
EXTERIOR WALL:	10	-	-	-	10
INTERIOR WALL:	10	-	-	-	10

FOUNDATIONS, STRUCTURAL FILL, & BACKFILL:

-FOUNDATIONS

AREAS SUPPORTING FOOTINGS SHALL BE OVEREXCAVATED THROUGH LEAN CLAY INTO THE UNDERLYING SAND AND GRAVEL PER GEOTECHNICAL REPORT. THE NATIVE SOILS SHALL BE SCARIFIED TO A MINIMUM DEPTH OF EIGHT INCHES (8"), MOISTURE CONDITIONED AND COMPACTED. COMPACTED STRUCTURAL FILL SHALL BE PLACED IN LIFTS TO THE DESIGN FOUNDATION BEARING ELEVATIONS.

PROVIDE A MINIMUM OF FORTY EIGHT INCHES (48") OF SOIL COVER ABOVE THE BEARING ELEVATION OF ALL EXTERIOR FOOTINGS AND FOOTINGS BENEATH UNHEATED AREAS.

-SLABS ON GRADE

SOILS SUPPORTING INTERIOR SLABS-ON-GRADE SHALL BE CLEARED, GRUBBED AND EXCAVATED TO UNDISTURBED NATIVE SOILS. NATIVE SOILS SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED. INTERIOR SLABS ON GRADE SHALL BE PLACED ON A HIGH DENSITY RIGID INSULATION (PER ARCHITECT) OVER A 12 MIL VAPOR BARRIER OVER A SIX INCH (6") LAYER OF AIR PERMEABLE GRAVEL OVER GEOTEXTILE FABRIC UNDERLAIN BY STRUCTURAL FILL AND SCARIFIED, MOISTURE CONDITIONED, AND COMPACTED NATIVE SOILS. THE EXPOSED NATIVE SOILS SHALL BE PREPARED PER GEOTECHNICAL REPORT.

IMPORTED STRUCTURAL FILL SHALL BE PLACED IN LIFTS AND COMPACTED PER GEOTECHNICAL REPORT.

6" GRAVEL LAYER SHALL HAVE PERFORATED PIPING FOR RADON MITIGATION BY OTHERS. AIR PERMEABLE GRAVEL SHALL BE 3/4" TO 1" CRUSHED ROCK WITH LESS THAN 5% PASSING THE #4 SCREEN. CONTACT RADON SYSTEM INSTALLER FOR ADDITIONAL INFORMATION.

-STRUCTURAL FILL

ALL FILL SUPPORTING FOUNDATIONS, SLABS-ON-GRADE AND LOAD-BEARING ELEMENTS SHALL BE AN IMPORTED GRANULAR STRUCTURAL FILL PRODUCT IN CONFORMANCE WITH THE PROJECT GEOTECHNICAL REPORT. CDOT CLASS 6 AGGREGATE ROAD BASE IS AN ACCEPTABLE GRANULAR FILL MATERIAL.

STRUCTURAL FILL SUPPORTING FOUNDATIONS, SLABS-ON-GRADE AND LOAD-BEARING ELEMENTS SHALL BE PLACED IN LIFTS AND COMPACTED TO A DENSITY OF NOT LESS THAN NINETY FIVE PERCENT (95%) OF MAXIMUM DRY DENSITY AS DEFINED BY ASTM D1557, MODIFIED PROCTOR TEST. REFER TO THE GEOTECHNICAL REPORT.

-BACKFILL

FOUNDATION BACKFILL SHALL CONSIST OF APPROVED GRANULAR MATERIALS UNIFORMLY DISTRIBUTED IN LAYERS BROUGHT UP EQUALLY ON ALL SIDES OF THE STRUCTURE. EACH LAYER OF BACKFILL SHALL NOT EXCEED EIGHT INCHES (8") BEFORE COMPACTING TO THE REQUIRED DENSITY AND BEFORE SUCCESSIVE LAYERS ARE PLACED. BACKFILL NOT DIRECTLY SUPPORTING STRUCTURAL FOUNDATIONS SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN EIGHTY FIVE PERCENT (85%) OF MAXIMUM DRY DENSITY AS DEFINED BY ASTM D1557, MODIFIED PROCTOR TEST.

BACKFILL SHALL NOT BEGIN UNTIL CONC BASEMENT WALLS OR CONC STEM WALLS HAVE BEEN LATERALLY FASTENED TO FIRST FLOOR FRAMING SYSTEM.

-NON-COMPRESSIBLE FILL

IN AREAS OF FILL GREATER THAN 3'-0" DEEP OR AS INDICATED ON PLAN, AN APPROVED NON-COMPRESSIBLE FILL SHALL BE USED FOR FILL BELOW SLABS ON GRADE AND FOUNDATIONS. NON COMPRESSIBLE FILL SHALL BE REMOVABLE LOW STRENGTH MATERIAL (CLSM) WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 50 PSI OR APPROVED EQUAL. ALL CLSM SHALL BE REMOVABLE (DIGABLE) AFTER FULLY HARDENING.

CONCRETE:

MIXING, BATCHING, TRANSPORTING, PLACING, AND CURING OF ALL CONCRETE, AND SELECTION OF CONCRETE MATERIALS, SHALL CONFORM TO ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS NOTED BELOW. PROPORTIONS OF AGGREGATE TO CEMENTITIOUS PASTE SHALL BE SUCH AS TO PRODUCE A DENSE, WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATIONS OR EXCESS FREE SURFACE WATER.

ALL CONCRETE USED IN HORIZONTAL SURFACES EXPOSED TO THE WEATHER SHALL CONTAIN AN ACCEPTABLE ADMIXTURE TO PRODUCE AIR-ENTRAINED CONCRETE WITH TOTAL AIR CONTENT, AS NOTED IN THE CONCRETE MIX SPECIFICATION TABLE. TOLERANCE FOR AIR CONTENT SHALL BE + / - 1 PERCENT.

MIX DESIGNS LISTED BELOW SHALL BE SUBMITTED TO THE ARCHITECT AND APPROVED PRIOR TO USE. SELECTION OF CONCRETE MIX PROPORTIONS SHALL BE IN ACCORDANCE WITH ACI 301. MIX PROPORTIONS SHALL MEET OR EXCEED THE REQUIREMENTS LISTED BELOW FOR THE LOCATIONS NOTED. THE MORE STRINGENT OF THE REQUIREMENTS LISTED SHALL GOVERN.

MAXIMUM SIZE OF AGGREGATE SHALL BE AS LISTED BELOW. MAXIMUM FLY ASH AS A PERCENTAGE OF TOTAL WEIGHT OF CEMENTITIOUS MATERIAL SHALL BE 30 PERCENT. FLY ASH SHALL BE CLASS F, MEETING ASTM C618 REQUIREMENTS. WATER/CEMENT RATIO SHALL BE BASED ON TOTAL CEMENTITIOUS MATERIAL, INCLUDING FLY ASH AND OTHER POZZOLANIC MATERIALS.

THE CONTRACTOR SHALL DETERMINE SLUMP. EACH CONCRETE MIX SUBMITTED SHALL HAVE THE SLUMP SPECIFIED. SLUMP SHALL BE MEASURED AT THE DISCHARGE OF THE TRUCK. IF CONCRETE IS PUMPED, SLUMP SHALL BE MEASURED AT THE DISCHARGE END OF THE PUMP LINE. SLUMPS SHALL BE WITHIN + 1 INCH AND - 2 INCHES OF THE SPECIFIED SLUMP.

THE USE OF SUPER PLASTICIZERS AND WATER REDUCERS IS ALLOWED, BUT NOT REQUIRED. ALL ADMIXTURES SHALL BE CHLORIDE FREE UNLESS OTHERWISE APPROVED BY THE ENGINEER.

CONCRETE SPECIFICATIONS

LOCATION	f'c MIN (PSI)	TEST AGE (DAYS)	W/C RATIO	MAX AIR CONTENT PERCENT	MAX AGGREGATE SIZE
FOOTINGS, STEM WALLS, MAT FOUNDATION	4000	28	0.5	6	1"
INTERIOR SLABS ON GRADE	4000	28	0.5		1"
EXTERIOR EXPOSED SLABS ON GRADE	4000	28	0.5	6	1"

REINFORCING STEEL:

ALL REINFORCING SHALL BE NEW BILLET STOCK ASTM A615, GRADE 60. BARS SHALL BE SECURELY TIED IN PLACE WITH #16 DOUBLE-ANNEALED IRON WIRE. BARS SHALL BE SUPPORTED ON ACCEPTABLE CHAIRS. LAP ALL REINFORCING 2'-0" UNLESS NOTED OTHERWISE. CONTINUE ALL HORIZONTAL BARS AROUND CORNERS OF EQUAL SIZE AND SPACING. LENGTH OF EACH LEG OF CORNER BAR IS 2'-0".

NAIL SCHEDULE:

THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THE MINIMUM NOTED IN THE NAIL SCHEDULE. ALL NAILS ARE COMMON UNLESS NOTED OTHERWISE.

NAIL SCHEDULE NOTES:

1. THIS NAILING SCHEDULE IS BASED ON 2021 IBC TABLE 2304.10.2.
2. ROOF, EXTERIOR FLOOR, AND WALL SHEATHING NAILS SHALL BE CORROSION RESISTANT.
3. FLOOR SHEATHING SHALL BE GLUED TO FLOOR JOIST AND/0R BEAMS PRIOR TO NAILING.
4. ALL NAILS PENETRATING PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM G185 SPECIFICATIONS.
5. ALL BUILT UP BEAMS, GIRDERS, AND/OR COLUMNS MADE OF EITHER DIMENSIONAL LUMBER OR LAMINATED VENEER LUMBER SHALL HAVE EACH LAMINATION GLUED PRIOR TO NAILING.

NAIL SCHEDULE

FRAMING	NAILING
FLOOR FRAMING:	
JOIST TO SILL, TOP PLATE, OR GIRDER	(3) 10d BOX - TOENAIL (3) 16d BOX - TOENAIL
JOIST TO RIMBOARD OR RIM JOIST	(1) 10d BOX - FACENAIL EA FLANGE (1) 16d BOX - FACENAIL EA FLANGE
WALL FRAMING:	
BEARING WALL BOTTOM PLATE TO JOIST, RIM JOIST, OR BEAM	(2) 10d BOX @ 12" - FACENAIL (2) 16d BOX @ 12" OC - FACENAIL (2) 16d SINKER @ 16" OC - FACENAIL
PARTITION WALL BOTTOM PLATE TO JOIST, RIM JOIST, OR BEAM	(1) 16D BOX @ 16" OC, FACENAIL (1) 10d BOX @ 12" - FACENAIL
TOP & BOTTOM PLATE TO STUD: 2x6 OR SMALLER 2x8 OR LARGER	: (2) 16d BOX - FACENAIL (3) 16d BOX - FACENAIL
DOUBLE STUDS, BUILT-UP CORNER STUDS, TRIM STUDS TO KING STUDS	16d SINKER @ 16" OC - FACENAIL 10d BOX @ 12" OC - FACENAIL
DOUBLE TOP PLATES	16d SINKER @ 16" OC - FACENAIL 10d BOX @12" OC - FACENAIL
TOP PLATES, LAPS, & INTERSECTIONS	(8) 16d SINKER - FACENAIL EA SIDE (12) 10d BOX - FACENAIL EA SIDE
RIM JOISTS TO TOP PLATE OR SILL PLATE	10d BOX @ 6" OC - TOENAIL
HEADERS, TWO OR MULTIPLE PIECES	16d SINKER @16" OC - ALL EDGES EA FACE 10d BOX @ 12" OC - ALL EDGES EA FACE
HEADER TO KING STUD	(4) 10d BOX - FACENAIL EACH END
ROOF FRAMING:	
TRUSS OR RAFTER TO DOUBLE TOP	(3) 16d BOX - TOENAIL (4) 10d BOX - TOENAIL
OUTRIGGER TO DOUBLE TOP PLATE	(3) 10d BOX - TOENAIL
OUTRIGGER TO TRUSS OR RAFTER	(3) 10d BOX - FACENAIL
SUBFACIA TO TRUSS, RAFTER, OR OUTRIGGER: 2x6 OR SMALLER 2x8 OR LARGER	: (2) 3"x0.131" - FACENAIL (3) 3"x0.131" - FACENAIL
BLOCKING BETWEEN TRUSS OR RAFTERS TO TOP PLATE	(3) 10d BOX - TOENAIL
MISCELLANEOUS:	
BLOCKING BETWEEN JOIST OR RAFTERS TO TOP PLATE	(3) 10d BOX - TOENAIL
BUILT UP 2x GLUED AND NAILED	10d BOX @ 24" OC - FACENAIL ALL PIECES AND (3) 10d BOX - FACENAIL EA SIDE
BUILT UP LSL AND LVL	2 PLY: (3)10d BOX @ 12" OC - FACENAIL 3 PLY: (3) 10d BOX @ 12" OC - FACENAIL EA PLY 4 PLY: (3) 5" SDS SCREWS @ 24" OC - EA SIDE
2" DECKING TO EACH JOIST OR BEAM	(2) 16d SINKER - FACENAIL EA BEARING

STANDARD NAIL SCHEDULE

PENNYWEIGHT	DIMENSIONS
6d COMMON	0.113" x 2"
8d BOX	0.113" x 2 1/2"
10d BOX	0.131" x 3"
16d BOX	0.135" x 3 1/2"
16d SINKER	0.162" x 3 1/2"

WOOD FRAMING DETAILS:

THE FOLLOWING APPLY UNLESS OTHERWISE SHOWN ON THE PLANS.

1. AT JOIST AREAS: PROVIDE SOLID BLOCKING OR CONTINUOUS RIM AT ALL BEARING POINTS. PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS ABOVE.
2. PROVIDE SOLID BLOCKING AT FLOORS FOR WOOD COLUMNS AND MULTIPLE STUD POSTS AND TRIMMERS TO PASS THROUGH.
3. PROVIDE CONTINUOUS SOLID BLOCKING AT MID-HEIGHT OF ALL STUD WALLS OVER 10'-0" IN HEIGHT.

FRAMING LUMBER:

FRAMING LUMBER SHALL BE KILN DRIED OR MC-15, AND GRADED AND MARKED IN CONFORMANCE WITH WEST COAST LUMBER INSPECTION BUREAU STANDARD GRADING RULES FOR WEST COAST LUMBER NO.16, LATEST EDITION. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

FRAMING LUMBER

2x JOISTS & BULIT-UP MEMBERS	HEM-FIR No.2
3x AND 4x BEAMS & POSTS	DOUGLAS FIR-LARCH No.2
6x & LARGER BEAMS, POSTS & TIMBERS	DOUGLAS FIR-LARCH No.1
STUDS, PLATES & MISCELLANEOUS LIGHT FRAMING	DOUGLAS FIR-LARCH OR HEM-FIR STANDARD GRADE
TOP & BOTTOM PLATES AT BEARING WALLS	DOUGLAS FIR-LARCH CONSTRUCTION GRADE
BOLTED STUDS, LEDGERS & PLATES	DOUGLAS FIR-LARCH OR HEM-FIR STANDARD GRADE

LAMINATED VENEER LUMBER (LVL):

LAMINATED VENEER LUMBER SHALL BE MANUFACTURED UNDER A PROCESS APPROVED BY THE NATIONAL RESEARCH BOARD. EACH PIECE SHALL BEAR A STAMP OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NATIONAL RESEARCH BOARD NUMBER AND THE QUALITY CONTROL AGENCY. ALL LAMINATED VENEER LUMBER SHALL BE MANUFACTURED USING DOUGLAS FIR VENEER GLUED WITH A WATERPROOF ADHESIVE MEETING THE REQUIREMENTS OF ASTM D2559 WITH ALL GRAIN PARALLEL WITH THE LENGTH OF THE MEMBER.

DESIGN SHOWN ON PLANS IS BASED ON BOISE ENGINEERED WOOD PRODUCTS "VERSA-LAM". ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER.

PREFABRICATED PLYWOOD WEB JOISTS:

DESIGN SHOWN ON PLANS IS BASED ON JOISTS MANUFACTURED BY BOISE ENGINEERED WOOD PRODUCTS "BCI". ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER. PERMANENT AND TEMPORARY BRACING AND BRIDGING SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S PUBLISHED SPECIFICATIONS.

1 1/4" RIMBOARD	GRADE 1.4 Fb = 1800 PSI, Fv = 225 PSI
1 3/4" & 2 5/8" WIDE MEMBERS	GRADE 2.0 Fb = 2800 PSI, Fv = 285 PSI
6x & LARGER BEAMS, POSTS & TIMBERS	GRADE 2.0 Fb = 3100 PSI, Fv = 285 PSI

FLOOR SHEATHING:

PROVIDE 3/4" TONGUE AND GROOVE CDX PLYWOOD, INDEX 40/20, UNBLOCKED, LAID UP WITH FACE GRAIN PERPENDICULAR TO FRAMING BELOW. STAGGER PANEL END JOINTS. PROVIDE 1/8" GAP BETWEEN ALL ABUTTING PANEL EDGES. ORIENTED STRAND BOARD (OSB) OF EQUIVALENT THICKNESS, EXPOSURE RATING AND PANEL INDEX MAY BE USED IN LIEU OF PLYWOOD. PROVIDE THE FOLLOWING MINIMUM NAILING UNLESS NOTED OTHERWISE ON PLANS:

ALL SUPPORTED PANEL EDGES, DIAPHRAGM BOUNDARIES AND OVER EXTERIOR WALLS AND SHEAR WALLS	8d @ 6" OC
FIELD NAILING	8d @ 12" OC

ROOF SHEATHING:

PROVIDE 5/8" CDX PLYWOOD, INDEX 40/20, UNBLOCKED, LAID UP WITH FACE GRAIN PERPENDICULAR TO FRAMING BELOW. STAGGER PANEL END JOINTS. PROVIDE APPROVED EDGE CLIPS AT 24 INCHES ON CENTER AT UNBLOCKED ROOF SHEATHING EDGES. PROVIDE 1/8" GAP BETWEEN ALL ABUTTING PANEL EDGES. ORIENTED STRAND BOARD (OSB) OF EQUIVALENT THICKNESS, EXPOSURE RATING AND PANEL INDEX MAY BE USED IN LIEU OF PLYWOOD. PROVIDE THE FOLLOWING MINIMUM NAILING UNLESS NOTED OTHERWISE ON PLANS:

ALL SUPPORTING PANEL EDGES, WALL BOUNDARIES AND AT WALL ENDS AND INTERSECTIONS	8d @ 6" OC
FIELD NAILING	8d @ 12" OC

WALL SHEATHING:

WALL SHEATHING FOR EXTERIOR WALLS AND SHEAR WALLS SHALL BE ZIP SYSTEMS R-6 INSULATED SHEATHING MANUFACTURED BY HUBER ENGINEERED WOOD, LLC. ALL EDGE AND SIDE PANEL SHEATHING JOINTS SHALL OCCUR OVER STUDS OR BLOCKING. ORIENTED STRAND BOARD (OSB) OF EQUIVALENT THICKNESS, EXPOSURE RATING AND PANEL INDEX MAY BE USED IN LIEU OF ZIP SYSTEM SHEATHING. PROVIDE THE FOLLOWING MINIMUM NAILING UNLESS NOTED OTHERWISE ON PLANS:

ALL SUPPORTED PANEL EDGES, DIAPHRAGM BOUNDARIES AND OVER EXTERIOR WALLS AND SHEAR WALLS	0.131" x 3" @ 4" OC
FIELD NAILING	0.131" x 3" @ 12" OC

INTERIOR FACES OF EXTERIOR SHEAR WALLS AND INTERIOR BEARING WALLS SHALL BE SHEATHED WITH MINIMUM 1/2" THICK GYPSUM WALL BOARD. PROVIDE THE FOLLOWING MINIMUM FASTENING UNLESS OTHERWISE NOTED ON PLANS:

1/2" GYPSUM WALL BOARD	
EDGE NAILING	1 1/2" GALV. ROOFING NAIL OR 1 1/4" SCREW (TYPE W OR S) @ 7" OC
FIELD NAILING	1 1/2" GALV. ROOFING NAIL OR 1 1/4" SCREW (TYPE W OR S) @ 7" OC

5/8" GYPSUM WALLBOARD	
EDGE NAILING	1 3/4" GALV. ROOFING NAIL OR 1 5/8" SCREW (TYPE W OR S) @ 7" OC
FIELD NAILING	1 3/4" GALV. ROOFING NAIL OR 1 5/8" SCREW (TYPE W OR S) @ 7" OC

TREATED WOOD:

ALL WOOD PLATES, LEDGERS AND BLOCKING IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH AN AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) APPROVED PRESERVATIVE.

TIMBER CONNECTORS:

TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE BY SIMPSON STRONG-TIE COMPANY, INC., AS SPECIFIED IN THE LATEST EDITION OF THEIR CATALOG. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED SPECIFICATIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE HALF OF THE NAILS OR BOLTS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED. ALL SINGLE JOISTS, DOUBLE JOISTS AND TRIPLE JOISTS SHALL BE CONNECTED TO FLUSH BEAMS WITH "U" SERIES JOIST HANGERS.

GLUED-LAMINATED FRAMING LUMBER (GL):

GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH ANSI/AITC A190.1 AND ASTM D3737. EACH MEMBER SHALL BEAR AN AITC IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY AN AITC CERTIFICATE OF CONFORMANCE. ALL SIMPLE SPAN BEAMS SHALL BE SOUTHERN PINE COMBINATION 24F-V3, Fb = 2,400 PSI, Fv = 270 PSI. ALL BEAMS CONTINUOUS OVER SUPPORTS AND CANTILEVER BEAMS SHALL BE SOUTHERN PINE COMBINATION 24F-E4, Fb= 2400 PSI, Fv = 270 PSI. CAMBER ALL GLULAM ROOF BEAMS TO A 2,000 FOOT RADIUS UNLESS NOTED OTHERWISE ON THE PLANS.

PREFABRICATED ROOF TRUSSES:

THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF PREFABRICATED ROOF TRUSSES. THESE MEMBERS SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES", TPI LATEST EDITION, BY THE TRUSS PLATE INSTITUTE FOR THE SPANS AND CONDITIONS SHOWN ON THE PLANS. THE TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING LOADING, UNLESS NOTED OTHERWISE.

TOP CHORD LIVE LOAD (SNOW)	77 PSF
TOP CHORD DEAD LOAD	10 PSF
BOTTOM CHORD DEAD LOAD	5 PSF
TOTAL LOAD	92 PSF
MAXIMUM LIVE LOAD DEFLECTION	LESSER OF SPAN/360 AND 3/4"
MAXIMUM TOTAL LOAD DEFLECTION	SPAN/240

ROOF TRUSSES SUPPORTING SNOW LOADS SHALL BE DESIGNED TO RESIST THE STRUCTURAL FORCES SET FORTH IN ICBO APPENDIX CHAPTER 16, DIVISION 1, ROOF TRUSS DEFLECTION SHALL MEET THE MINIMUM ICBO REQUIREMENTS UNLESS A MORE STRINGENT CRITERIA IS NOTED ON THE PLANS.

WOOD TRUSSES SHALL UTILIZE APPROVED CONNECTOR PLATES (GANGNAIL OR APPROVED EQUAL). SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS COMPLETE WITH STRESS DIAGRAMS FOR REVIEW PRIOR TO FABRICATION. SUBMITTED DOCUMENT SHALL BEAR THE STAMP AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF COLORADO. PROVIDE FOR SHAPES, BEARING POINTS, GIRDER TRUSSES, INTERSECTIONS, HIPS, VALLEYS, ETC, SHOWN ON THE DRAWINGS. EXACT COMPOSITION OF SPECIAL HIP, VALLEY, AND INTERSECTION AREAS (USE OF GIRDER TRUSSES, JACK TRUSSES, STEP-DOWN TRUSSES, ETC), SHALL BE DETERMINED BY THE CONTRACTOR UNLESS SPECIFICALLY INDICATED ON THE PLANS. PROVIDE FOR ALL TRUSS-TO-TRUSS AND TRUSS-TO-GIRDER CONNECTION DETAILS AND REQUIRED CONNECTION MATERIALS. PROVIDE FOR ALL TEMPORARY AND PERMANENT TRUSS BRACING AND BRIDGING.

STRUCTURAL INSULATED ROOF PANELS (SIPS):

CONSIST OF ORIENTED STRAND BOARD (OSB) LAMINATED WITH A STRUCTURAL ADHESIVE TO AN EXPANDED POLYSTYRENE INSULATION CORE AND SIP MANUFACTURER-SUPPLIED ACCESSORIES. SIPS SHALL CONFORM TO DOC PS 2 – PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS. DESIGN CALCULATIONS OR DESIGN TABLES PREPARED BY A LICENSED PROFESSIONAL ENGINEER SHALL BE PROVIDED FOR REVIEW. THE SIPS SHALL BE ABLE TO RESIST FORCES FROM THE FOLLOWING LOADING, UNLESS NOTED OTHERWISE.

LIVE LOAD (SNOW)	77 PSF
SUPERIMPOSED DEAD LOAD	10 PSF
TOTAL LOAD	87 PSF

LIVE LOAD (SNOW)	77 PSF
SLIDING SNOW	53 PSF
SUPERIMPOSED DEAD LOAD	10 PSF
TOTAL LOAD	140 PSF

ROOF SUBJECTED TO SLIDING SNOW LOAD (LOWER ROOF, SEE PLAN FOR EXTENTS)

SPLINE TYPES SHALL BE DETERMINED BY THE SIPS SUPPLIER PER THE LOADS INDICATED.

SHEET INDEX

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PRELIMINARY NOT FOR CONSTRUCTION

RICO ROAD AND BRIDGE MAINTENANCE BUILDING

PICKER STREET
RICO, CO

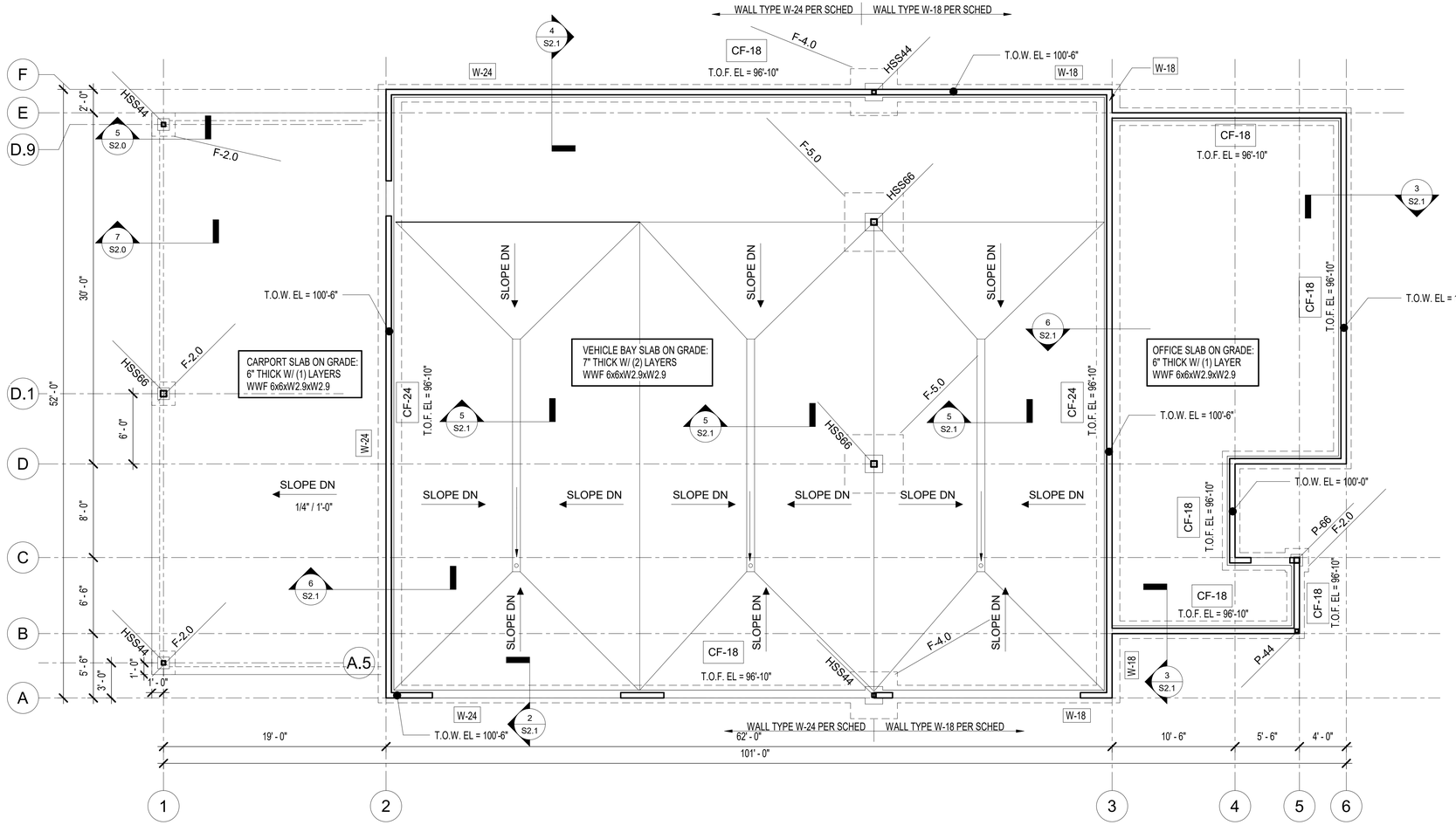
Issue Record:

Revisions:

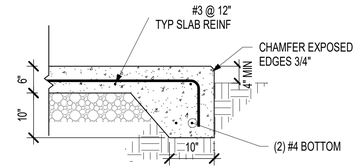
Project Number: 22-154
Drawn By: KLR
Designed By: KLR/WHH
Checked By: WHH

Sheet
S0.0

GENERAL NOTES



1 FOUNDATION/FLOOR PLAN
3/16" = 1'-0"



NOTES:
1. SEE PLANS FOR LOCATION AND SIZE.
2. LOCATE SOG REINFORCING AT ONE-THIRD THE SLAB THICKNESS FROM TOP OF SLAB.
3. OVER EXCAVATE AND BACKFILL SHALL BE PER RECOMMENDATIONS FOR FOUNDATIONS.

4 EXTERIOR EQUIPMENT PAD
3/4" = 1'-0"

WALL SCHEDULE

MARK	WALL MAX HT	SCHEDULE STUDS	SPACING
W-18	18'-0"	1 1/2" x 5 1/2" 1.3E LSL	16"
W-24	24'-0"	1 3/4" x 5 1/2" 1.55E LSL	16"

FIRST FLOOR FRAMING NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND DIMENSIONS NOT SHOWN.
2. EXTERIOR WALLS SHALL BE SHEATHED WITH WOOD SHEATHING PER THE GENERAL NOTES AND SHALL BE CONSIDERED SHEAR WALLS, UNLESS NOTED OTHERWISE.
3. ALL BEAMS SHALL HAVE A MINIMUM OF (2) 2x STUDS DIRECTLY BELOW THEM. STUDS SHALL MATCH THE DEPTH OF THE WALL.
4. ALL 4x AND 6x POSTS SHALL BEAR DIRECTLY ON THE POST BELOW, WITH NO TOP OR BOTTOM PLATE BETWEEN POSTS.
5. TYPICAL EXTERIOR WALL FRAMING SHALL BE 2x6 HEM-FIR #2 OR BETTER @ 16" OC.

COLUMN SCHEDULE

HSS44	HSS4X4X1/4	
HSS66	HSS6X6X1/4	
P-44	4X4	
P-66	6x6	

NOTES:
1. LAP SPLICES ARE FOR CONCRETE STRENGTHS EQUAL TO OR GREATER THAN 4000 PSI @ 28 DAYS.
2. COVER TO REINFORCING MUST BE AT LEAST (1.0 x BAR DIAMETER) AND CENTER-TO-CENTER SPACING MUST BE AT LEAST (3.0 x BAR DIAMETER)
3. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
4. LAP SPLICE INFORMATION APPLIES TO SLAB, BEAM, WALL AND FOOTING REINFORCING BARS.
5. IF SPLICES ARE REQUIRED THAT DO NOT MEET THE ABOVE REQUIRMENTS, THE ENGINEER OF RECORD SHALL BE CONTACTED TO DETERMINE THE REQUIRED LAP LENGTH.

TENSION LAP SPLICES (O.N.O. ON DRAWINGS)		
BAR SIZE	TOP BARS	OTHER BARS
#3	2'-2"	1'-8"
#4	2'-10"	2'-2"
#5	3'-6"	2'-8"
#6	4'-2"	3'-2"
#7	6'-0"	4'-8"
#8	6'-10"	5'-2"

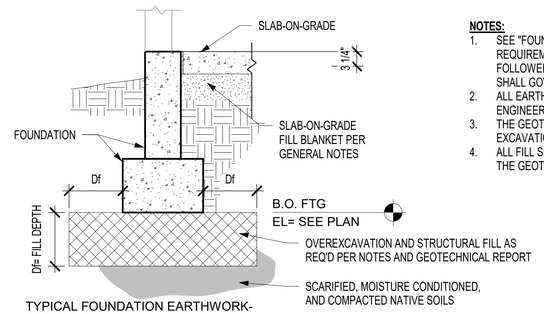
2 LAP SPLICE SCHEDULE
3/4" = 1'-0"

FOOTING SCHEDULE

CF-18	1'-6" x 8" THICK	(2) #4 LONG WAY, BOT; ALT HOOKS SHORT WAY
CF-24	2'-0" x 10" THICK	(2) #4 LONG WAY, BOT; ALT HOOKS SHORT WAY
F-2.0	2'-0" x 2'-0" x 10" THICK	(3)#4 EA WAY, BOT
F-4.0	4'-0" x 4'-0" x 10" THICK	
F-5.0	5'-0" x 5'-0" x 10" THICK	

FOUNDATION PLAN NOTES:

1. SEE GENERAL NOTES ON S0.0 AND DETAILS ON S2.0 FOR ADDITIONAL INFORMATION AND REQUIREMENTS FOR FOUNDATION EXCAVATION AND PREPARATION.
2. PROJECT REFERENCE ELEVATION 100'-0" = TOP OF SLAB ON GRADE ELEVATION, REFER TO SITE AND ARCHITECTURAL PLANS (ARCHITECTURAL REFERENCE ELEVATION 0'-0").
3. FOOTING BEARING ELEVATIONS SHALL BE A MINIMUM OF 48" BELOW ADJACENT EXTERIOR FINISH GRADE.
4. FOOTINGS EXCAVATION SHALL EXTEND THROUGH LEAN CLAY INTO THE UNDERLYING SAND AND GRAVEL LAYER PER GEOTECHNICAL REPORT. THE NATIVE SOILS SHALL BE SCARIFIED AND COMPACTED. MOISTURE CONDITIONED AND COMPACTED STRUCTURAL FILL SHALL BE PLACED IN LIFTS TO THE FOUNDATION BEARING ELEVATION. SEE THE GEOTECHNICAL REPORT.
5. INTERIOR SLABS-ON-GRADE SHALL VARY PER LOCATION. SEE 1/S2.1
6. EXTERIOR SLABS-ON-GRADE SHALL BE 5" THICK, REINFORCED WITH #4 @ 16" OC EACH WAY, BOTTOM, OVER STRUCTURAL FILL PER GEOTECHNICAL REPORT.
7. "CJ" INDICATES SLAB-ON-GRADE CONTROL JOINT, SEE 1/S2.0.
8. TYPICAL TOP OF FOOTING ELEVATION SHALL BE 96'-10" UNLESS OTHERWISE NOTED.
9. TYPICAL TOP OF STEM WALL ELEVATION SHALL BE 100'-0" UNLESS OTHERWISE NOTED.
10. IN ADDITION TO THE REQUIREMENTS IN THE GENERAL NOTES, ALL CONCRETE WITH HORIZONTAL SURFACES EXPOSED TO THE ELEMENTS SHALL HAVE AIR ENTRAINMENT OF BETWEEN 5 AND 7 PER CENT. AIR ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260.



3 TYPICAL FOUNDATION EARTHWORK-FORMATIONAL
3/4" = 1'-0"

NOTES:
1. SEE "FOUNDATIONS" SECTION OF GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS. ALL RECOMMENDATIONS IN THE GEOTECHNICAL REPORT SHALL BE FOLLOWED. IN THE CASE OF CONFLICTING INFORMATION, THE GEOTECHNICAL REPORT SHALL GOVERN.
2. ALL EARTHWORK SHALL BE MONITORED AND TESTED BY THE GEOTECHNICAL ENGINEER.
3. THE GEOTECHNICAL ENGINEER SHALL OBSERVE THE BOTTOM OF FOUNDATION EXCAVATIONS AND EXPOSED MATERIAL PRIOR TO PLACEMENT OF FILL.
4. ALL FILL SHALL BE MOISTURE CONDITIONED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL RECOMMENDATIONS AND THE GENERAL NOTES.

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PRELIMINARY NOT FOR CONSTRUCTION

RICO ROAD AND BRIDGE MAINTENANCE BUILDING

PICKER STREET
RICO, CO

Issue Record:

Revisions:

Project Number: 22-154
Drawn By: KLR
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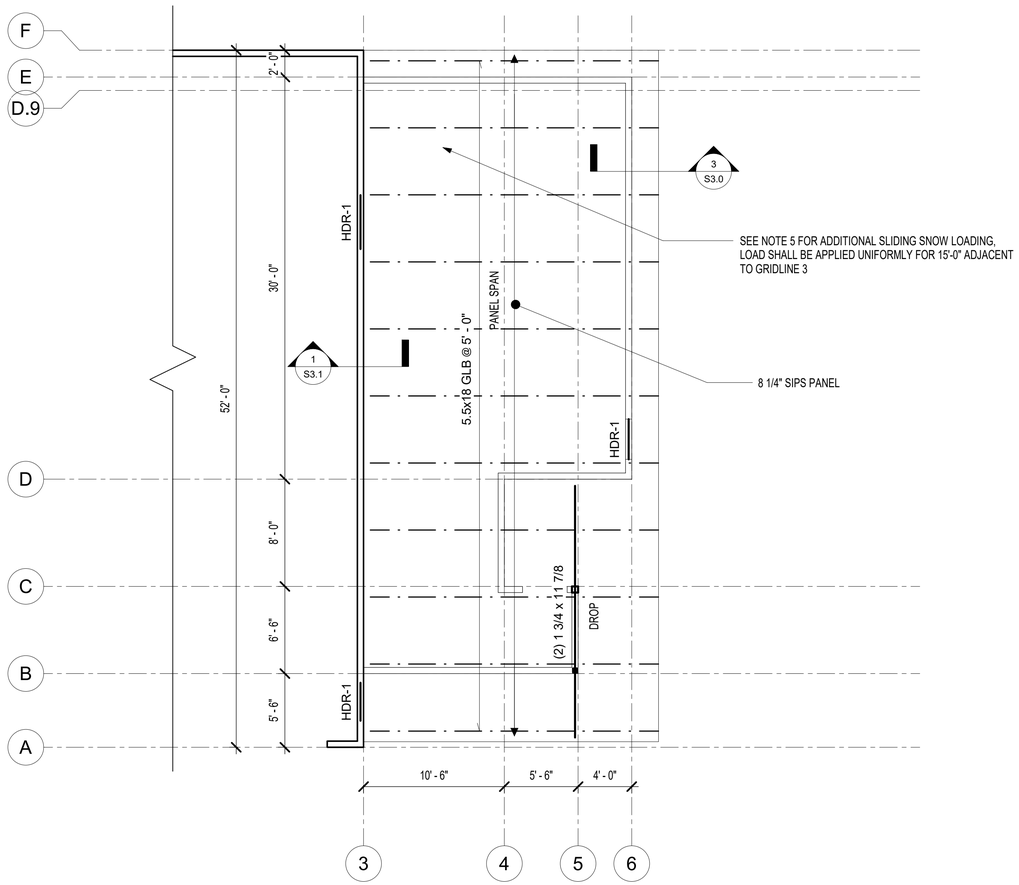
Checked By: WHH

Sheet
S1.0

FOUNDATION PLAN



1 LOWER ROOF LEVEL PARTIAL PLAN
3/16" = 1'-0"

HEADER SCHEDULE			
HDR-1	(2) 2x8		
HDR-LVL-1	(2) 1 3/4 x 14 LVL		

LOWER ROOF FRAMING NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR THE TOP OF WALL PLATE ELEVATIONS BELOW ROOF FRAMING AND FOR DIMENSIONS, ELEVATIONS AND ROOF SLOPES NOT SHOWN.
2. BEAMS SHALL BEAR ON POSTS WITH SIMPSON COLUMN CAPS.
3. TYPICAL CONNECTIONS SHALL BE AS FOLLOWS:
   - ROOF RAFTERS TO BEAMS: LSU SERIES ADJUSTABLE RAFTER HANGERS
   - ROOF BEAMS TO BEAMS: HHUS SERIES, SLOPED AS REQ'D
   - BEAMS TO POSTS: SEE DETAILS
4. ROOF RAFTER FRAMING IS SHOWN ON PLAN, SEE SCHEDULE FOR ROOF JOIST SIZES.
5. "HDR" INDICATES HEADER ABOVE WINDOW OR DOOR. SEE DETAIL 2/S3.0 FOR HEADER DETAIL.
6. LOW ROOF SHALL BE DESIGNED FOR ADDITIONAL 53 PSF SLIDING SNOW LOAD.
7. SIPS PANELS SHALL HAVE MANUFACTURER-APPROVED SCREWS @ 12" OC AT ALL SUPPORTS.
8. INTERIOR FACES OF SIPS PANEL SHALL BE FINISH GRADE.
9. SIPS PANELS SHALL BE 8 1/4" THICK, RATED FOR THE FOLLOWING LOADING CRITERIA:
   - SUPERIMPOSED DEAD LOADS 10 PSF
   - SNOW LOAD 77 PSF + SLIDING SNOW
   - MAXIMUM SPAN 5'-0"

LOWER ROOF FRAMING NOTES
1/4" = 1'-0"

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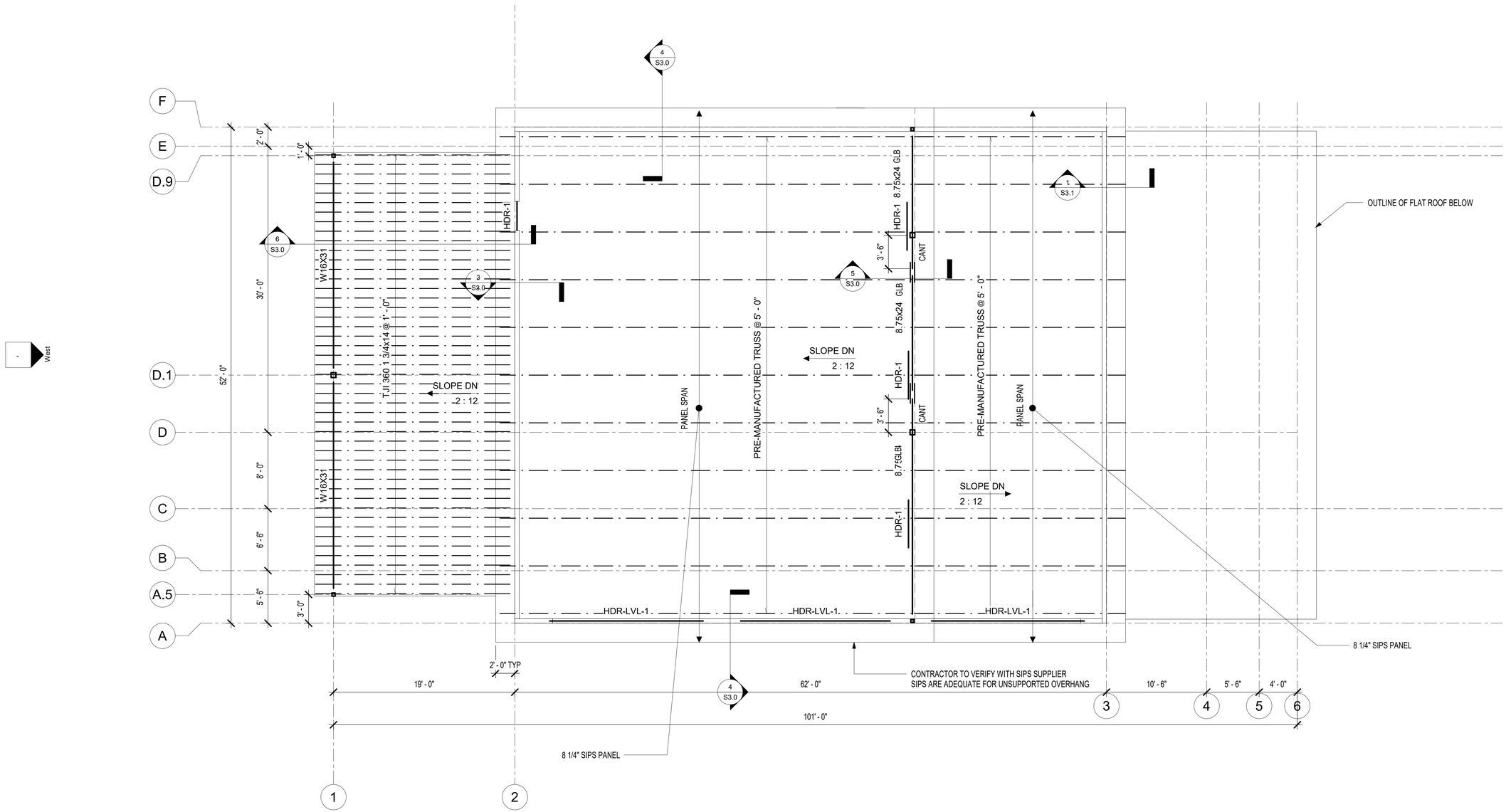
LOWER ROOF PLAN



1 HIGHER ROOF LEVEL PLAN
3/16" = 1'-0"

HEADER SCHEDULE			
HDR-1	(2) 2x8		
HDR-LVL-1	(2) 1 3/4 x 14 LVL		

ROOF FRAMING NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR THE TOP OF WALL PLATE ELEVATIONS BELOW ROOF FRAMING AND FOR DIMENSIONS, ELEVATIONS AND ROOF SLOPES NOT SHOWN.
2. TYPICAL ROOF FRAMING SHALL BE PRE-MANUFACTURED TRUSSES @ 24" OC, UNLESS NOTED OTHERWISE ON PLAN.
3. BEAMS SHALL BEAR ON POSTS WITH SIMPSON COLUMN CAPS.
4. TYPICAL CONNECTIONS SHALL BE AS FOLLOWS:
   ROOF RAFTERS TO BEAMS: LSU SERIES ADJUSTABLE RAFTER HANGERS
   ROOF BEAMS TO BEAMS: HHUS SERIES, SLOPED AS REQ'D
   BEAMS TO POSTS: SEE DETAILS
5. "HDR" INDICATES HEADER ABOVE WINDOW OR DOOR. SEE DETAIL x/S3.0 FOR HEADER DETAIL.
6. SIPS PANELS SHALL HAVE MANUFACTURER-APPROVED SCREWS @ 12" OC AT ALL SUPPORTS.
7. INTERIOR FACES OF SIPS PANEL SHALL BE FINISH GRADE.
8. SIPS PANELS SHALL BE 8 1/4" THICK, RATED FOR THE FOLLOWING LOADING CRITERIA:
   SUPERIMPOSED DEAD LOADS 10 PSF
   SNOW LOAD 77 PSF
   MAXIMUM SPAN 5'-0"

ROOF FRAMING NOTES
1/4" = 1'-0"

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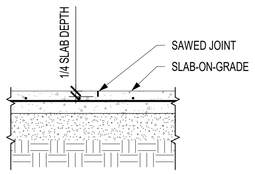
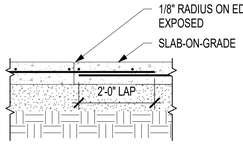
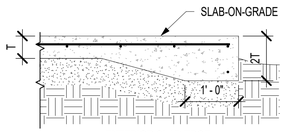
MAIN ROOF LEVEL PLAN



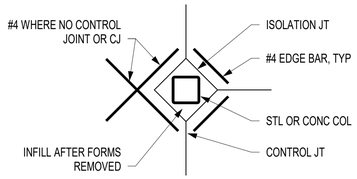
CONTROL JOINT IN SLAB



CONSTRUCTION JOIN IN SLAB



EXTERIOR SLAB EDGE

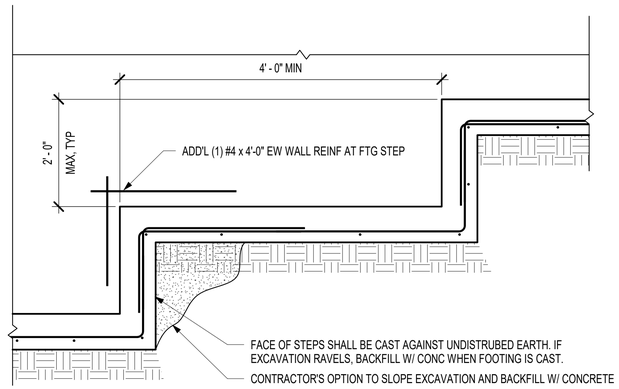


ISOLATION JOINT AT COLUMN

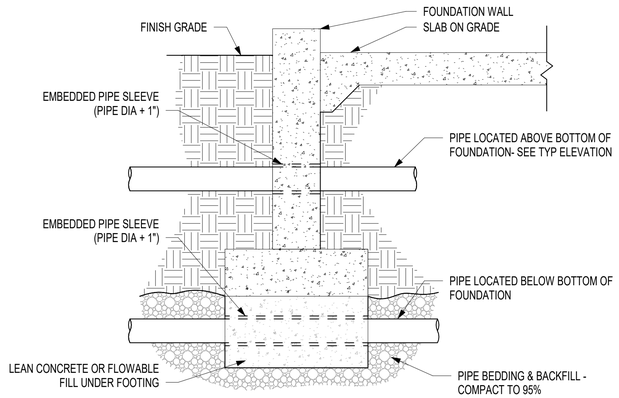
SLAB-ON-GRADE NOTES:

1. SLAB-ON-GRADE SHALL BE PER PLAN AND NOTES.
2. SEE GENERAL NOTES FOR SLAB-ON-GRADE SUBGRADE PREPARATION.
3. LOCATE CONSTRUCTION JOINTS UNDER PARTITIONS OR ON COLUMN LINES. PROVIDE CONTROL JOINTS AT ALL COLUMN LINES AND AT A MAXIMUM SPACING OF 30 x SLAB THICKNESS EACH WAY IN BETWEEN COLUMNS. PROVIDE CONTROL JOINTS AT ALL RE-ENTRANT CORNERS. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ARCHITECT FOR REVIEW.
4. SAWED JOINTS SHALL BE MADE AS SOON AS THE JOINT CAN BE CUT WITHOUT EDGES RAVELING AND WITHIN 24 HOURS OF SLAB PLACEMENT. SAWED JOINTS SHALL BE FILLED WITH SEALANT AS COORDINATED WITH THE ARCHITECT.
5. LOCATE REINFORCING AT ONE-THIRD DEPTH FROM TOP OF SLAB. U.N.O.
6. TYPICAL REINFORCING: U.N.O.
   5" THICK SLAB: #4 @ 18" OC EA WAY

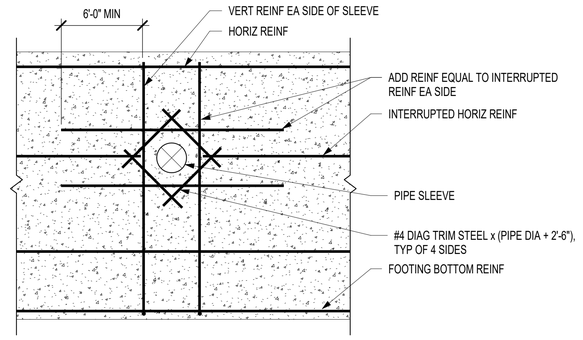
1 TYPICAL SLAB-ON-GRADE DETAILS
3/4" = 1'-0"



2 TYPICAL FOOTING STEP @ EXTERIOR WALLS
3/4" = 1'-0"

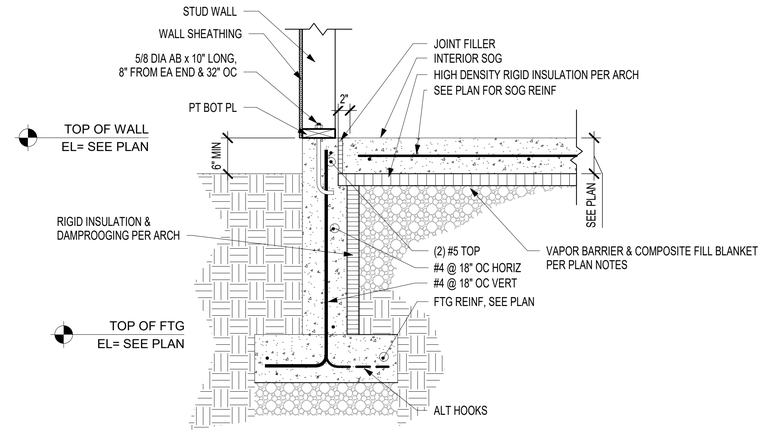


SECTION - TYPICAL PIPING AT FOUNDATION



ELEVATION - TYPICAL PIPE PENETRATION THROUGH STEM WALL

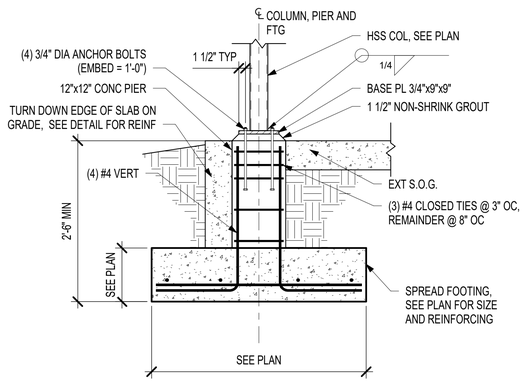
3 TYPICAL PENETRATION THROUGH STEM WALL
1" = 1'-0"



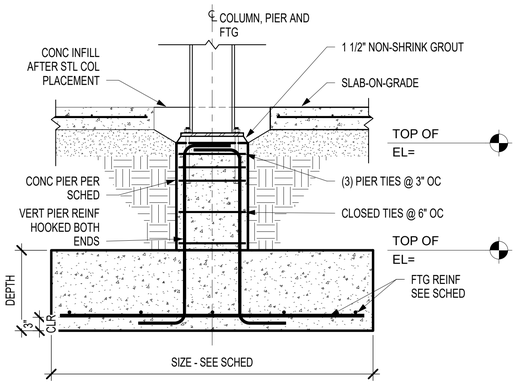
NOTES:

1. HIGH DENSITY RIGID INSULATION BENEATH SLAB-ON-GRADE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 PSI.

4 TYP STEM WALL
1" = 1'-0"



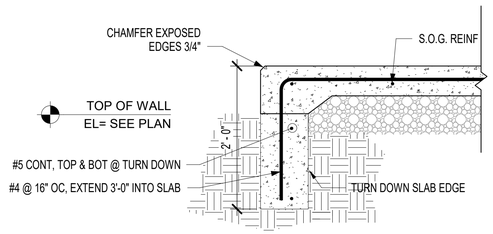
5 TYP ISOLATED FOOTING @ CARPORT
3/4" = 1'-0"



NOTES:

1. STEEL BELOW TOP OF SLAB TO RECEIVE 2 COATS OF BITUMINOUS PAINT OR 3" MIN CONCRETE COVER.
2. SEE SCHEDULE FOR SIZES DIMENSIONS AND REINFORCEMENT.

6 TYP SPREAD FTG W/ PIER
3/4" = 1'-0"



7 TURN DOWN @ CARPORT
1" = 1'-0"

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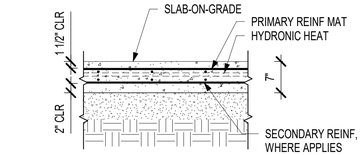
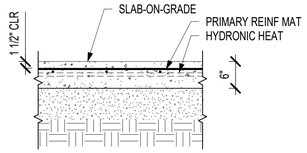


VEHICLE BAYS

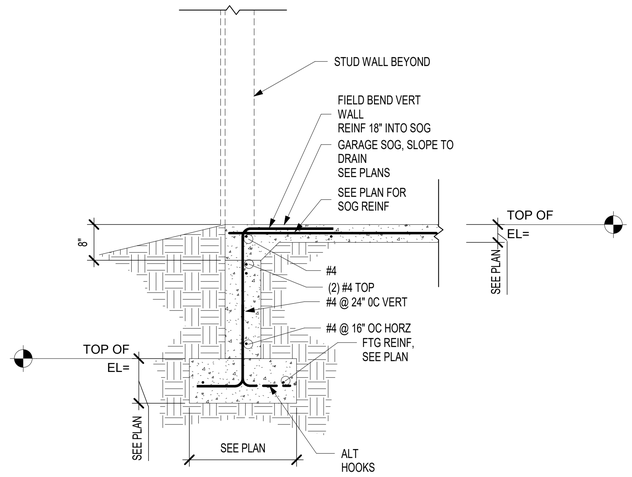


OFFICE/STORAGE SPACE

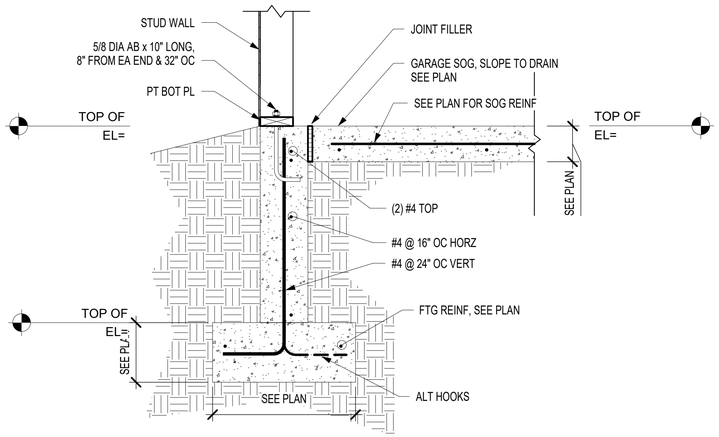
1 TYPICAL SLAB-ON-GRADE DETAILS W/ IN-FLOOR HEAT
3/4" = 1'-0"

SLAB-ON-GRADE NOTES:

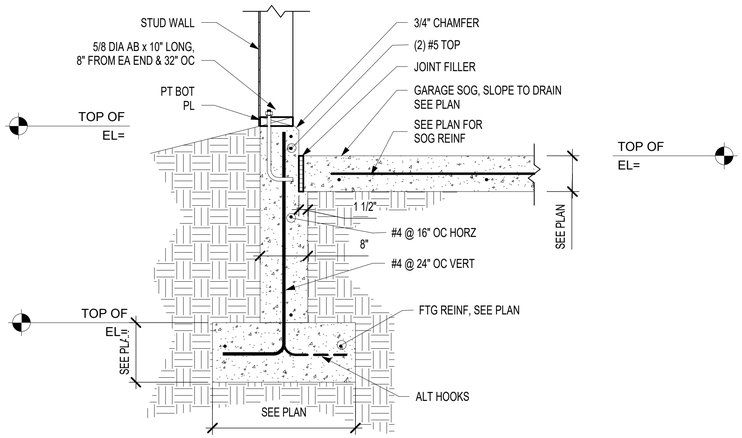
1. SLAB-ON-GRADE SHALL BE PER PLAN AND NOTES.
2. SEE GENERAL NOTES FOR SLAB-ON-GRADE SUBGRADE PREPARATION.
3. TYPICAL REINFORCING: U.N.O.
   - 7" THICK SLAB: (2) LAYERS WWF 6x6xW2.9xW2.9, SEE DETAIL
   - 6" THICK SLAB: (1) LAYER WWF 6x6xW2.9xW2.9, SEE DETAIL



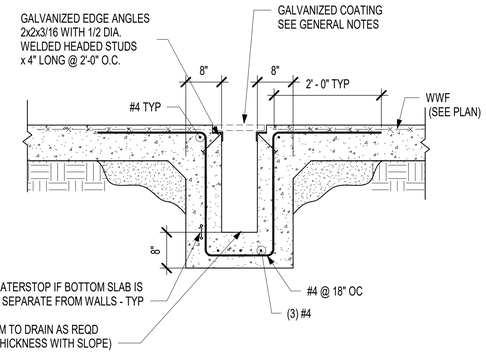
2 STEM WALL @ GARAGE THRESHOLD
3/4" = 1'-0"



3 GARAGE STEM WALL
1" = 1'-0"

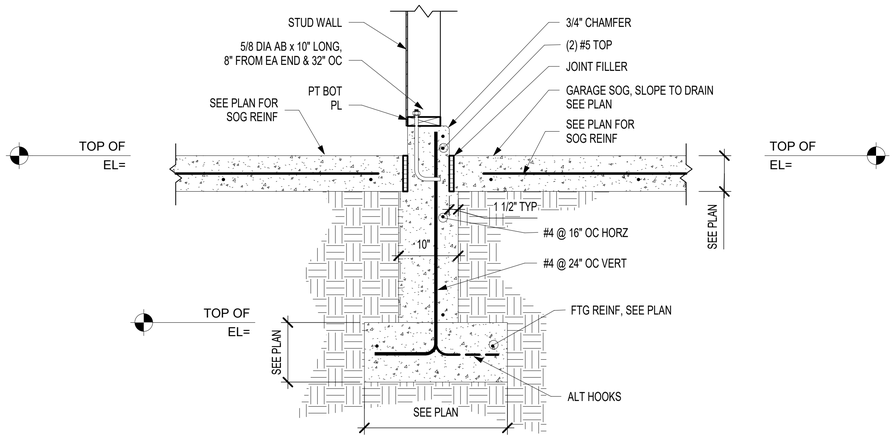


4 GARAGE STEM WALL W/ CURB
1" = 1'-0"



5 FLOOR TRENCH WITH SLAB ON GRADE
3/4" = 1'-0"

ENGINEER NOTE: COORDINATE GRATING SIZE WITH LOADING REQUIREMENTS AND GENERAL NOTES.



6 CURB @ SLAB ON GRADE
1" = 1'-0"

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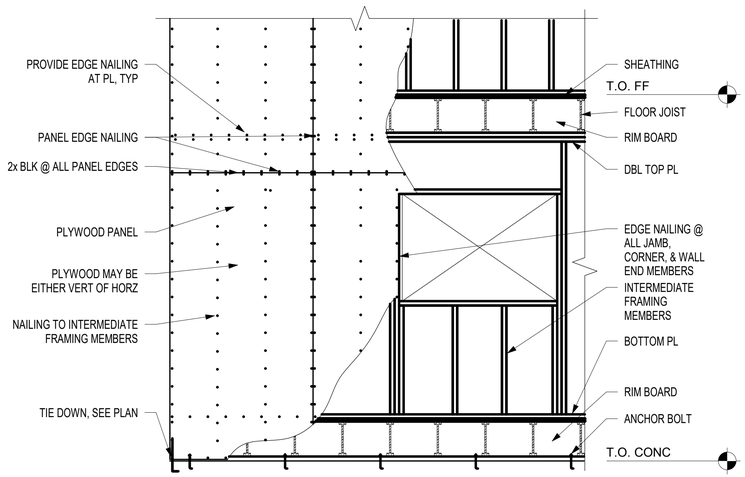
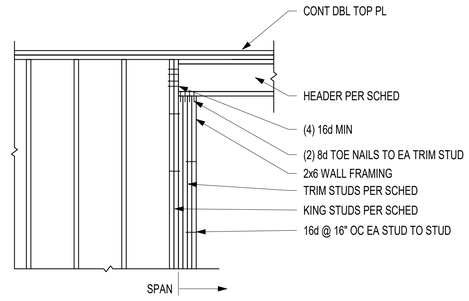
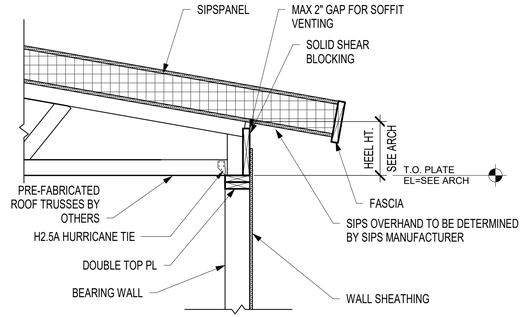


1 TYPICAL WALL ELEVATION
1/2" = 1'-0"



2 TYPICAL HEADER
1/2" = 1'-0"



3 TYPICAL TRUSS BEARING
3/4" = 1'-0"

4 TYPICAL TRUSS RAKE
3/4" = 1'-0"

5 SECTION
1/2" = 1'-0"

6 CARPORT RAFTER @ LEDGER
1" = 1'-0"

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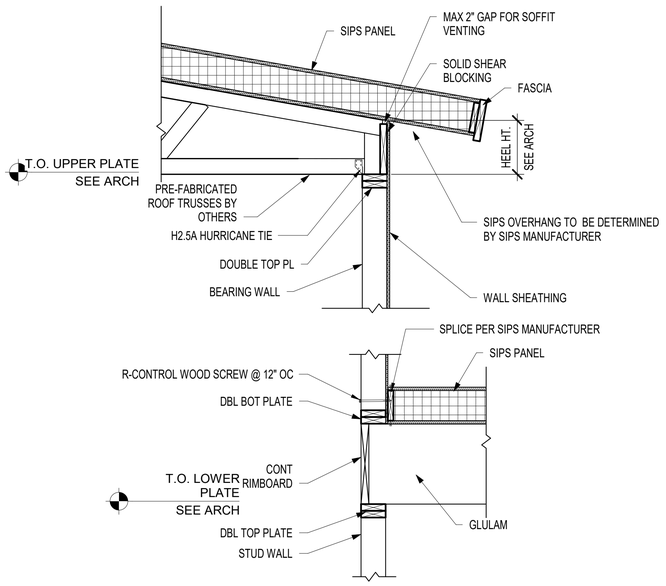

1 SECTION @ LOWER ROOF
3/4" = 1'-0"

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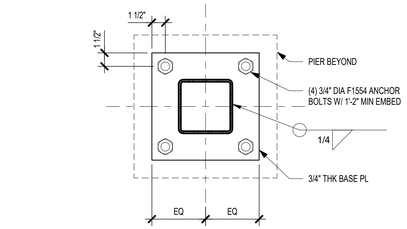
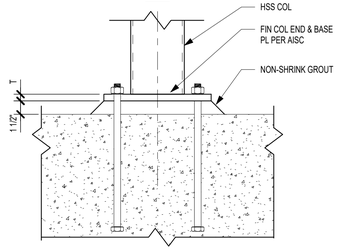
S3.1

SECTIONS & DETAILS



PLAN

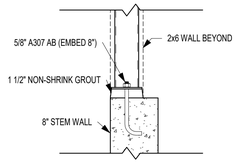


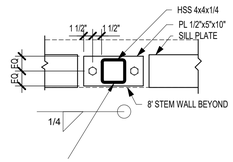
ELEVATION

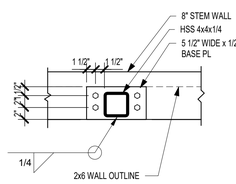
NOTES:
1. CONTRACTOR SHALL HOLD BASEPLATE RIGIDLY IN PLACE WHILE GROUTING

BASE PLATE SIZES, U.N.O.	
HSS COL	BASE PLATE (W x L)
2x2	7" x 7"
3x3	8" x 8"
4x4	9" x 9"
5x5	10" x 10"
6x6	11" x 11"
8x8	1'-1" x 1'-1"

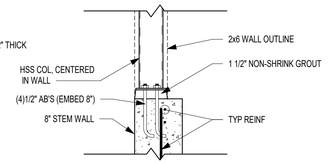
1 TYP BASEPLATE PLAN
1 1/2" = 1'-0"





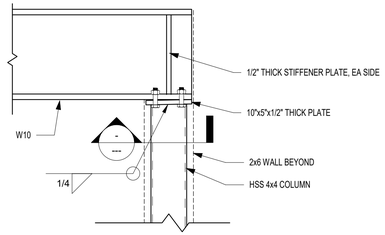


PLAN VIEW

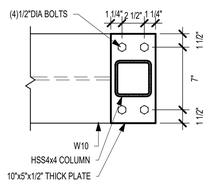


SECTION

2 HSS POST BASE PLATE
1" = 1'-0"



ELEVATION



SECTION

3 HSS POST TO BEAM CONNECTION
1 1/2" = 1'-0"

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PRELIMINARY NOT FOR CONSTRUCTION

RICO ROAD AND BRIDGE MAINTENANCE BUILDING

PICKER STREET
RICO, CO

Issue Record:

Revisions:

Project Number: 22-154
Drawn By: KLR
Designed By: KLR/WHH
Checked By: WHH

Sheet
S4.0

SECTIONS & DETAILS