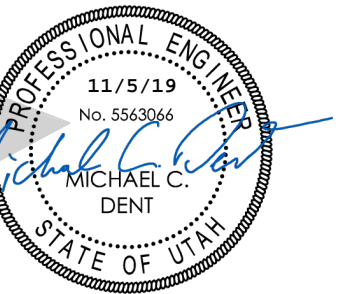


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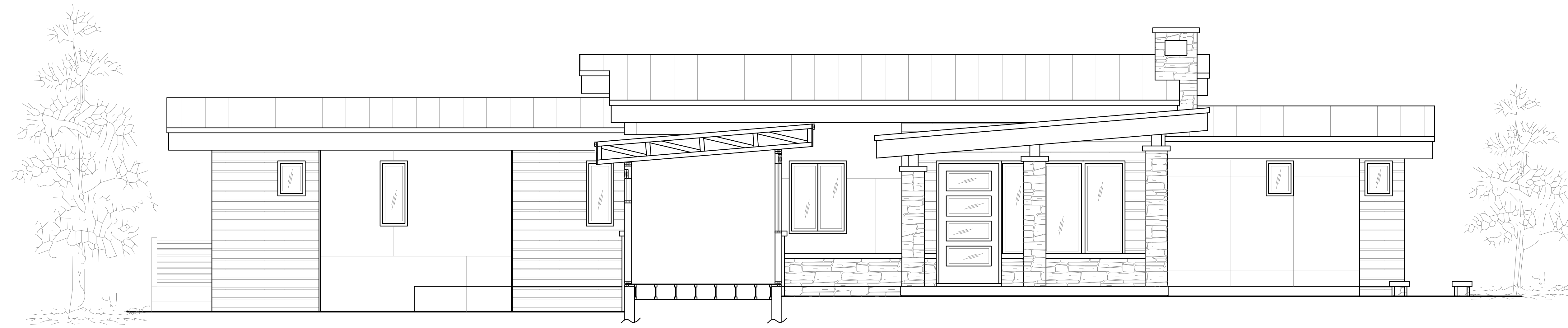
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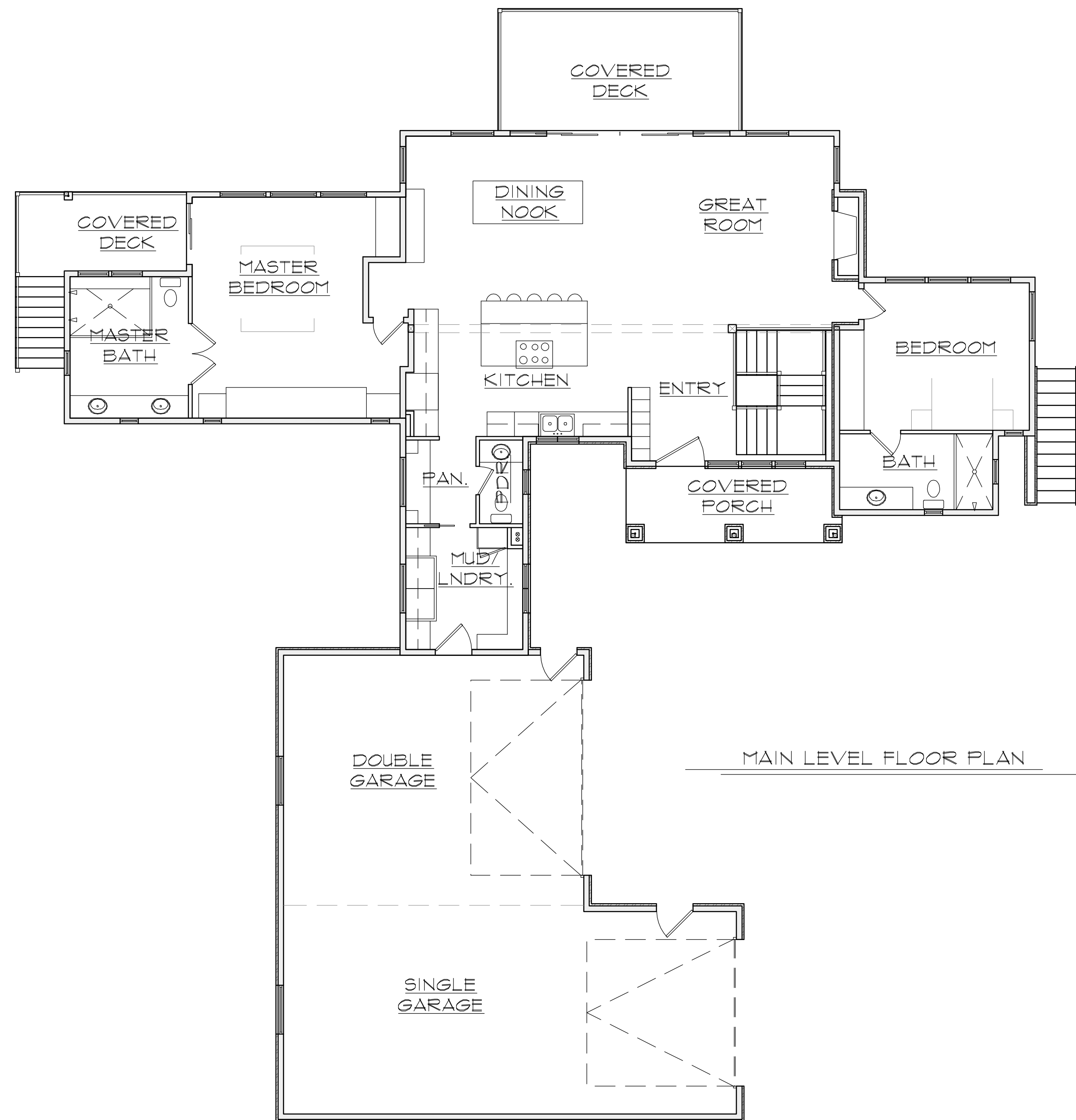
FRONT ELEVATION

CONTRACTOR:

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DEFERRED SUBMITTALS
THE CONTRACTOR SHALL SUBMIT DEFERRED SUBMITTALS TO AUTHORITY HAVING JURISDICTION FOR APPROVAL PRIOR TO PERFORMING MANUFACTURE OR INSTALLATION.
1. FIRE SUPPRESSION SYSTEM/DESIGN/ENGINEERING (TYPE NFPA IS) SHALL BE SUBMITTED TO THE FIRE MARSHAL'S OFFICE FOR APPROVAL.



MAIN LEVEL FLOOR PLAN

PROJECT INFORMATION

SQUARE FOOTAGE CALCULATIONS	CLIENT:	RANDY & DEANNA AADLAND
MAIN FLOOR 1889 SQ. FT.	ISSUE DATE:	10/29/2019
LOWER FLOOR 1691 SQ. FT.	REV. DATE:	
GARAGE 1192 SQ. FT.	1088 NORTH MAPLE DRIVE LOT #107 GREEN HILL COUNTRY ESTATES PH. 2 HUNTSVILLE CITY, WEBER COUNTY, UTAH	
COVERED DECK 243 SQ. FT.		
COVERED PORCH 108 SQ. FT.		

DISCLAIMERS AND CONSTRUCTION WARNINGS.
THESE PLANS HAVE BEEN PREPARED TO MEET GENERALLY ACCEPTED PROFESSIONAL STANDARDS AND PRACTICES IN EFFECT AT THE TIME THEY WERE CREATED. BECAUSE LOCAL AND STATE BUILDING REGULATIONS VARY WIDELY AND ARE SUBJECT TO CHANGE, CONFORMANCE TO THE PLANS WITH THE REQUIREMENTS OF EACH SPECIFIC JURISDICTION IS IMPOSSIBLE. THEREFORE, SUPPLEMENTAL TO THESE DOCUMENTS, IT IS THE PURCHASER'S AND HIS/HER BUILDER'S RESPONSIBILITY TO KNOW AND BUILD WITH CURRENT CODES AND REGULATIONS IN THE JURISDICTION GOVERNING THE PROJECT. THE USE OF THESE PLANS IS EXPRESSLY CONDITIONED UPON THE PURCHASER'S OBLIGATION AND AGREEMENT TO STRICTLY COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, REGULATIONS AND REQUIREMENTS INCLUDING, IF MANDATED BY THE STATE, THE SEAL OF AN ENGINEER REGISTERED IN THAT STATE. BEFORE STARTING CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE PURCHASER TO CHECK AND BE RESPONSIBLE FOR ALL DIMENSIONS AND OTHER DETAILS. IT IS THE RESPONSIBILITY OF THE PLAN PURCHASER TO OBTAIN ANY STRUCTURAL, LAND USE, ENERGY OR OTHER REQUIRED ANALYSIS, ENGINEERING CALCULATIONS AND ANY OTHER SPECIFICATIONS THAT MAY BE REQUIRED IN THE JURISDICTION IN WHICH THE PROJECT IS TO BE BUILT. TOPOGRAPHIC AND SUBSURFACE CONDITIONS SHOULD BE VERIFIED AND FOUNDATION PLANS ADAPTED ACCORDINGLY, AND THE MATERIAL AND EQUIPMENT MANUFACTURER'S INSTRUCTIONS MUST BE FOLLOWED. CODE GOVERN OVER DRAWINGS AND DIMENSIONS GOVERN OVER SCALE. ANY USE OF THIS INFORMATION WITHOUT ADAPTATION TO CHANGES AND CODES, STANDARDS, SITE CONDITIONS AND OTHER FACTORS IS AT THE PURCHASER'S SOLE RISK. HABITATIONS HOME PLANS, ITS PARENT COMPANY, OFFICERS, EMPLOYEES, AND AGENTS DISCLAIM ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS OF PURPOSE. PLAN PURCHASER AGREES THAT HABITATIONS HOME PLANS SHALL NOT BE LIABLE FOR DIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL, OR INDIRECT DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO, LOSS OF ANTICIPATED PROFITS, BUSINESS OPPORTUNITY, OR OTHER ECONOMIC LOSS ARISING OUT OF THE USE OF THE PLANS. HABITATIONS HOME PLANS ASSUME NO RESPONSIBILITY FOR CHANGES MADE TO THESE PLANS BY OTHERS. THE PURCHASER AGREES TO DEFEND AND INDEMNIFY HABITATIONS HOME PLANS FOR ALL CLAIMS, COSTS, LOSSES OR DAMAGES RESULTING FROM THE USE OF THIS INFORMATION.

WARNING: ELECTRONIC FILES INCLUDING THOSE IN PDF FORMAT ARE TO BE USED FOR BIDDING PURPOSES ONLY. ANY CONSTRUCTION WORK THAT IS TO BE DONE ON THE HOME INCLUDING SITE WORK SHALL BE BASED ON APPROVED, STAMPED HARD COPY DRAWINGS OF THE MOST CURRENT REVISION ONLY.
THE ABOVE MENTIONED CONTRACTOR/ CUSTOMER IS AUTHORIZED BY HABITATIONS TO UTILIZE THIS PLAN TO CONSTRUCT ONE (1) HOME ONLY ON THE PROPERTY LOCATED AT THE ADDRESS INDICATED IN "PROJECT INFORMATION". THE CONSTRUCTING OF MULTIPLE HOMES UTILIZING THIS SET OF PLANS IS NOT AUTHORIZED WITHOUT WRITTEN PERMISSION FROM HABITATIONS AND IS A VIOLATION OF HABITATIONS PROPERTY PROTECTION RIGHTS UNDER LAW.
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CODE: IRC 2015

PLAN NUMBER: R1889
SHEET NUMBER: 1 OF 17

GENERAL MATERIALS SPECIFICATIONS:

(THE FOLLOWING GENERAL MATERIALS SPECIFICATIONS ARE PRESENTED FOR INFORMATION ONLY. THE GENERAL CONTRACTOR/ OWNER/ STRUCTURAL ENGINEER/ PROFESSIONAL TRADE CONTRACTORS/ GOVERNING JURISDICTIONS SHALL BE RESPONSIBLE FOR THE SELECTIONS AND APPLICATION OF ACTUAL MATERIALS UTILIZED. HABITATIONS MAKES NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF OR CODE COMPLIANCE OF THESE GENERAL MATERIALS.)

- 1. EXCAVATION:
A. CONTRACTOR TO VERIFY SOIL CONDITION AND PROVIDE STABILIZATION AS REQUIRED (SEE SITE PLAN).
B. ALL EARTH UNDER STRUCTURE OR SLAB SHALL BE STERILIZED.
2. CONCRETE
A. FOOTINGS AND FOUNDATIONS SHALL BE ON UNDISTURBED SOIL...
3. EXTERIOR WALLS
A. STUDS: 2X6 #2 OR BTR HEMLOCK OR DOUGLAS FIR, 16" O.C.
4. FLOOR FRAMING
A. JOIST: TJI FLOOR JOISTS AS SHOWN ON PLANS BY TRUSS JOIST CORP.
5. INTERIOR WALLS
A. STUDS: 2X4 (2X6 WHERE NOTED) #2 OR BTR HEMLOCK OR DOUGLAS FIR, 16" O.C.
6. ROOF/CEILING FRAMING
A. TRUSSES: #2 OR BTR HEMLOCK OR DOUGLAS FIR
7. ROOF
A. UNDERLAY: 30 # FELT PAPER
8. INSULATION
A. WALLS: FIBERGLASS BATT W/ FOIL FACE
9. EXTERIOR TRIM
A. FASCI: SEE ELEVATIONS
10. INTERIOR DETAILS
A. TRIM: DOOR/WINDOW CASINGS, BASEBOARDS, CHAIR RAIL
11. ELECTRICAL
A. PANEL: MINIMUM 200 AMP SERVICE
12. HEATING/AIR CONDITIONING
A. HEATING: MINIMUM 90% ENERGY EFFICIENT GAS FIRED FORCED AIR HEATERS
13. PLUMBING
A. SEWER/DRAIN: PLASTIC ABS TYPE- BACKWATER VALVE

Table with 6 columns: WINDOW & DOORS U-FACTORS, SKYLIGHT U-FACTOR, CEILING R-VALUES, WALL R-VALUES, FLOOR R-VALUES, BASEMENT/ GRADE SPACE WALL R-VALUES. Values: 0.28, 60, 48, 18, 30, 13.

- 14. DOORS
A. EXTERIOR: SOLID CORE WOOD WITH WEATHER-STRIPPING
B. INTERIOR: HOLLOW CORE MASONITE
15. WINDOWS/SKYLIGHTS
A. MARVIN, ANDERSON OR EQUAL
B. GLAZING TO BE DOUBLE ARGON GAS FILLED
16. WALL FINISH
A. WALL PAINT SHALL BE LATEX BASED SEALER, PRIMER AND 1 COAT OF ALK'D FINISH
17. FIREPLACES/ STOVES
A. FIREPLACES SHALL CONSIST OF NATURAL GAS, DIRECT VENT, SEALED COMBUSTION
18. HANDRAILINGS
A. REQUIRED GUARDS ON OPEN SIDES OF STAIRWAYS
19. FINISH COLORS
A. CARPET: AREAS TO BE CARPETED SHALL BE SHOWN ON PLANS
20. APPLIANCES
A. ALL APPLIANCES SHALL BE SELECTED BY OWNER

GENERAL DRAINING NOTES - HABITATIONS MAKES EVERY EFFORT TO PRESENT ACCURATE & RELIABLE INFORMATION HOWEVER IT DOES NOT ENDORSE, APPROVE, OR CERTIFY THE INFORMATION PROVIDED BY OTHERS...

- 1. FLOOR PLAN INTERIOR DIMENSIONS ARE TO INSIDE OF UNFINISHED (STUD) WALLS
2. SQUARE FOOTAGE IS DETERMINED TO THE OUTSIDE OF ALL EXTERIOR WALLS
3. FLOOR PLAN EXTERIOR DIMENSIONS ARE TO THE OUTSIDE FACE OF THE STUDS
4. ELECTRICAL, PLUMBING AND HVAC DETAILS ARE NOT SHOWN

NOMENCLATURE table with columns: ABBREVIATION, DESCRIPTION, ABBREVIATION, DESCRIPTION. Includes rows for ALUM, A/R, AV, BSMNT, BRG, BTR, BKS, BI, CAB, CLG, CV, CONC, CTR, DSH, DBL, DF, DN, ELEV, EQ, FF, FB, FTG, FDN, FT, FURN, GYP, HVAC, HT/HT, IRC, LAUN.

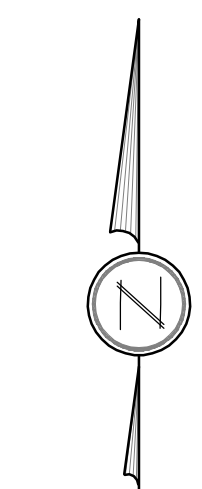
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GENERAL NOTES & SPECIFICATIONS
CLIENT: AADLAND
DRAWN BY: N. COOMBS
CHECKED BY: M. STEELE
ISSUE DATE: 10/29/2019
PLAN NUMBER: R1889
SHEET NUMBER: 2 OF 17

FOUND REBAR & CAP
ELEV=5429.43

WATER VALVE
LID=5422.67
HYDRANT



PRELIMINARY ARCHITECTURAL SITE PLAN
1088 MAPLE DRIVE
LOT #107
GREEN HILL ESTATES PH. 2
HUNTSVILLE CITY, WEBER COUNTY, UTAH
SCALE: 1" = 20'-0"

(S76°57'24"E 647.57)

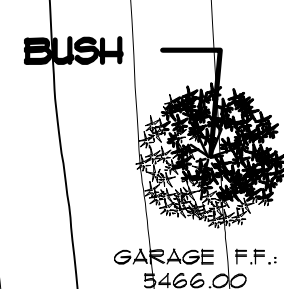
SEWER MANHOLE
RIM=5411.69

MAPLE DRIVE

ARC=130.70
RADIUS=377.33
DELTA=195°50'48"

FOUND REBAR & CAP
ELEV=5404.56

LATH PLACED BY JOE



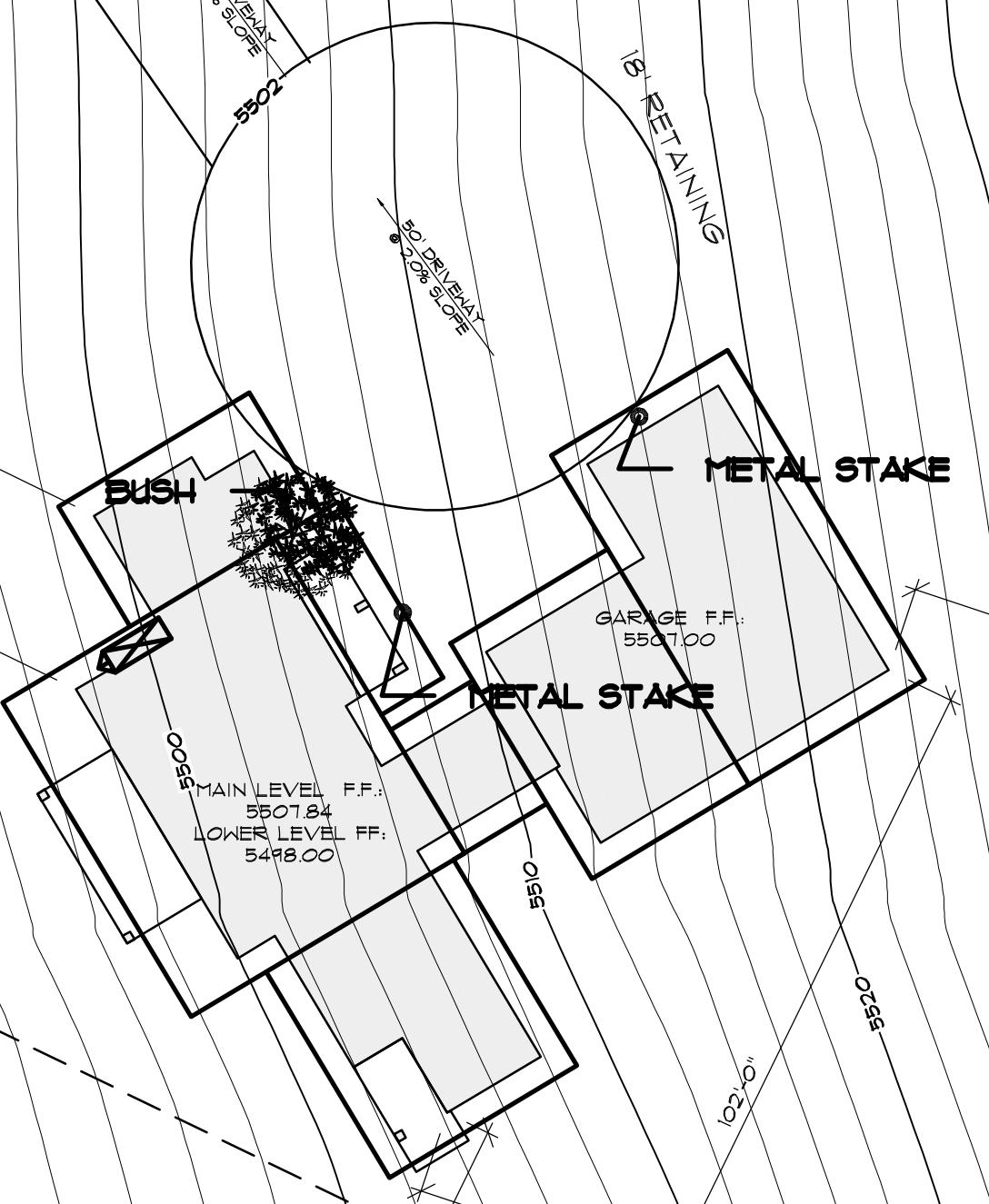
BUSH

GARAGE F.F.
5466.00

FOUND REBAR & CAP
ELEV=5557.50

LOT 107
CONTAINS 205,972.07 SQ/FT
OR 4.728 ACRES

DRIVEWAY SPECS:
TOTAL LENGTH - 785'
AVERAGE SLOPE - 10.4%
AVERAGE SLOPE (BETWEEN APRONS) - 11.2%



(N63°57'28"W 649.64)

(S18°24'11"W 395.96)

PLEASE NOTE:

1. SITE PLAN IS SHOWN FOR INFORMATION ONLY. OWNER/CONTRACTOR SHALL HAVE RESPONSIBILITY TO DETERMINE GRADES AND FINAL PLACEMENT AND ELEVATIONS OF FOOTINGS/FOUNDATIONS AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL STATE, NATIONAL, AND LOCAL BUILDING CODES & ORDINANCES.
2. THIS SITE PLAN IS A REPRESENTATION OF CONCRETE FOUNDATIONAL BUILDING FOOTPRINT ONLY. ALL SETBACK INFORMATION SHOWN IS TO CONCRETE FOUNDATION WALLS ONLY. SITE PLAN DOES NOT INDICATE THE LOCATION OF ROOF OVERHANGS OR CANTILEVERS (WALL, PORCHES OR FLOOR OVERHANGS) OR OTHER ARCHITECTURAL ELEMENTS THAT MAY PENETRATE THE PROPERTY SETBACKS OR EASEMENTS. THE PLAN COUNTY, CITY OR OTHER JURISDICTION REVIEWER, CONTRACTOR AND OWNER SHALL REVIEW ALL PLAN SUBMITTAL DRAWINGS (FLOOR PLANS, ELEVATIONS, DETAILS, ETC.) IN CONJUNCTION WITH THE SITE PLAN TO IDENTIFY ANY PROPOSED WALL, CANTILEVERS OR OTHER FEATURES THAT MAY ENDOUR INTO SETBACKS AND SHALL REPORT ANY CONCERNS TO THE DESIGNER PRIOR TO EXCAVATION AND/OR CONSTRUCTION.

LINETYPE LEGEND

---	PROPERTY LINE
---	SETBACK LINE
---	EASEMENT LINE
---	HOME FOOTPRINT
---	PROPOSED CONT.
---	10' CONT. LINE
---	2' CONT. LINE
---	DIRECTIONAL DRAINAGE ARROWS

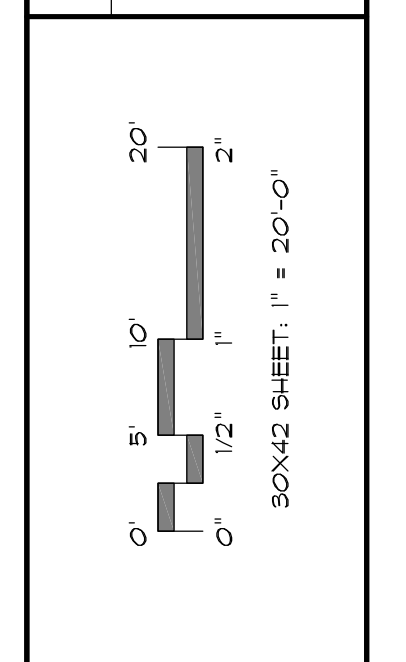
1. ALL STORM WATER AND DIRT WILL BE KEPT ON SITE DURING CONSTRUCTION UNTIL FINAL LANDSCAPING IS DONE.
2. THE GRADE ANY FRONT FOUNDATION WALLS SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET (3M) DIRECT DRAINAGE WATER TO THE STREET OR TO AN APPROVED DRAINAGE COURSE, BUT NOT ONTO NEIGHBORING PROPERTIES.
3. STREET CURB AND GUTTER WILL BE INSPECTED AND CLEANED OF ALL MUD AND DIRT AT THE END OF EVERY DAY.
4. STREAK HATTLES (OR EQUIVALENT) TO BE PLACED AND MAINTAINED AROUND ANY STORM DRAIN INLET ADJACENT TO OR IMMEDIATELY DOWNSTREAM FROM SITE DURING CONSTRUCTION.
5. BERMS OR SHALES MAY BE REQUIRED ALONG PROPERTY LINES TO PREVENT STORM WATER FLOW ONTO ADJACENT LOTS. FINAL GRADING SHALL BLEND WITH ADJACENT LOTS.
6. ALL REAR DRAINAGE TO BE RETAINED ON THE PROPERTY.
7. FIGURES THAT HAVE FLOOD LEVEL RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE PUBLIC SEWER SERVICE SHALL BE PROTECTED FROM BACK FLOW OR SEWAGE BY INSTALLING AN APPROVED BACKWATER VALVE. FIGURES HAVING FLOOD LEVEL RIMS ABOVE THE ELEVATION OF THE NEXT UPSTREAM MANHOLE SHALL NOT DISCHARGE THROUGH THE BACKWATER VALVE. BACKWATER VALVES SHALL BE PROVIDED WITH ACCESS.
8. LONG-TERM DRAINAGE CONTROL BY STANDARD RESIDENTIAL LANDSCAPING, INCLUDING GRASS, TREES AND BUSHES AND AN AUTOMATIC SPRINKLER SYSTEM.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS AND MEASUREMENTS AT THE JOB PRIOR TO CONSTRUCTION. THIS PLAN IS THE EXCLUSIVE PROPERTY OF HABITATIONS AND SHALL BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF HABITATIONS. ANY VIOLATION OF THE LAW AND VIOLATORS ALL BE HELD RESPONSIBLE FOR ANY DAMAGES AND COSTS INCURRED. THIS IS AN UNAUTHORIZED COPY AND SHOULD BE DESTROYED IMMEDIATELY UPON RECEIPT. ANY CONSTRUCTION WORK THAT IS TO BE DONE ON THE JOB MUST BE DONE IN ACCORDANCE WITH THE APPROVED, STAMPED AND SIGNED DRAWINGS OF THE PROJECT CURRENT REVIEW ONLY.

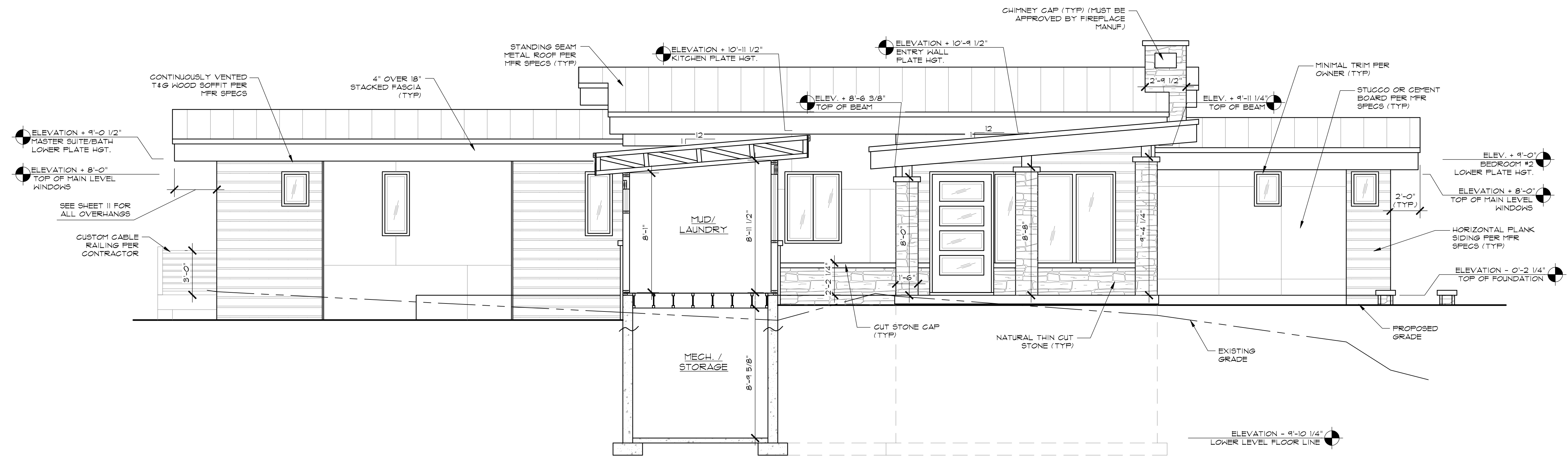
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SHEET TITLE
PRELIMINARY ARCHITECTURAL
SITE PLAN

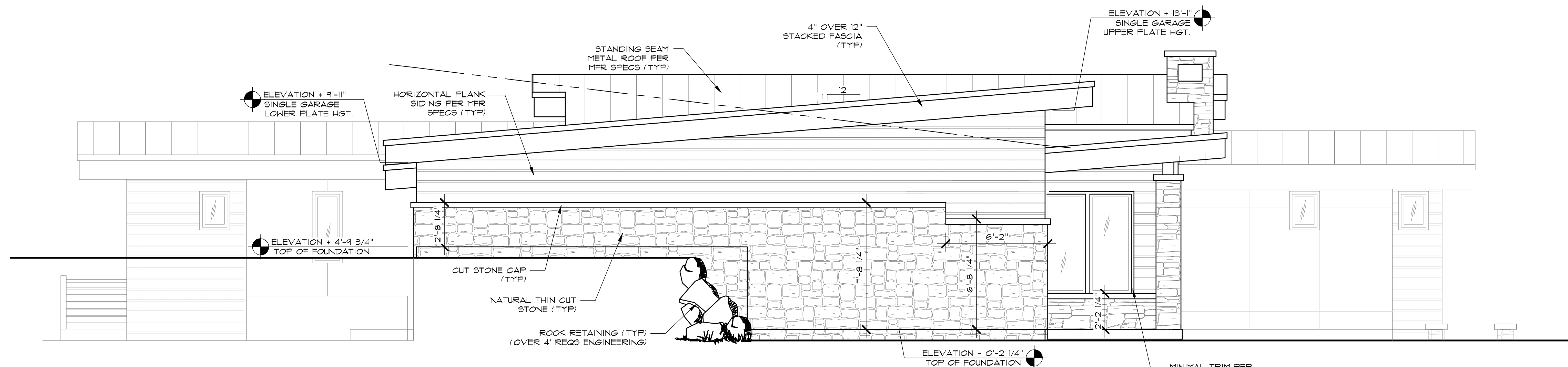


CLIENT: AADLAND
DRAWN BY: N. COOMBS
CHECKED BY: M. STEELE
ISSUE DATE: 10/29/2019
PLAN NUMBER: R1889
SHEET NUMBER: 3 OF 17



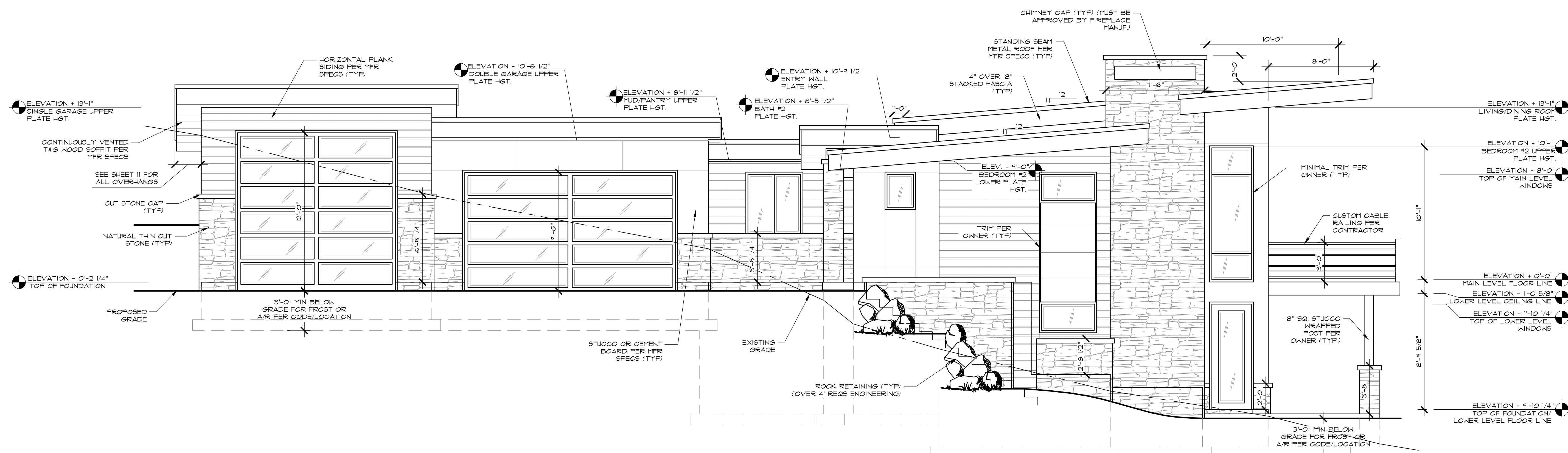
FRONT ELEVATION

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



GARAGE FRONT ELEVATION

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



RIGHT SIDE ELEVATION

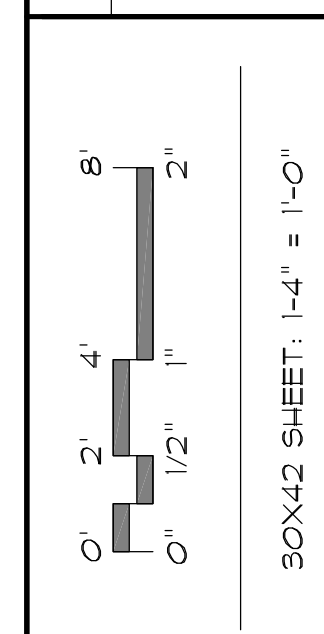
SCALE: 1/4"=1'-0"

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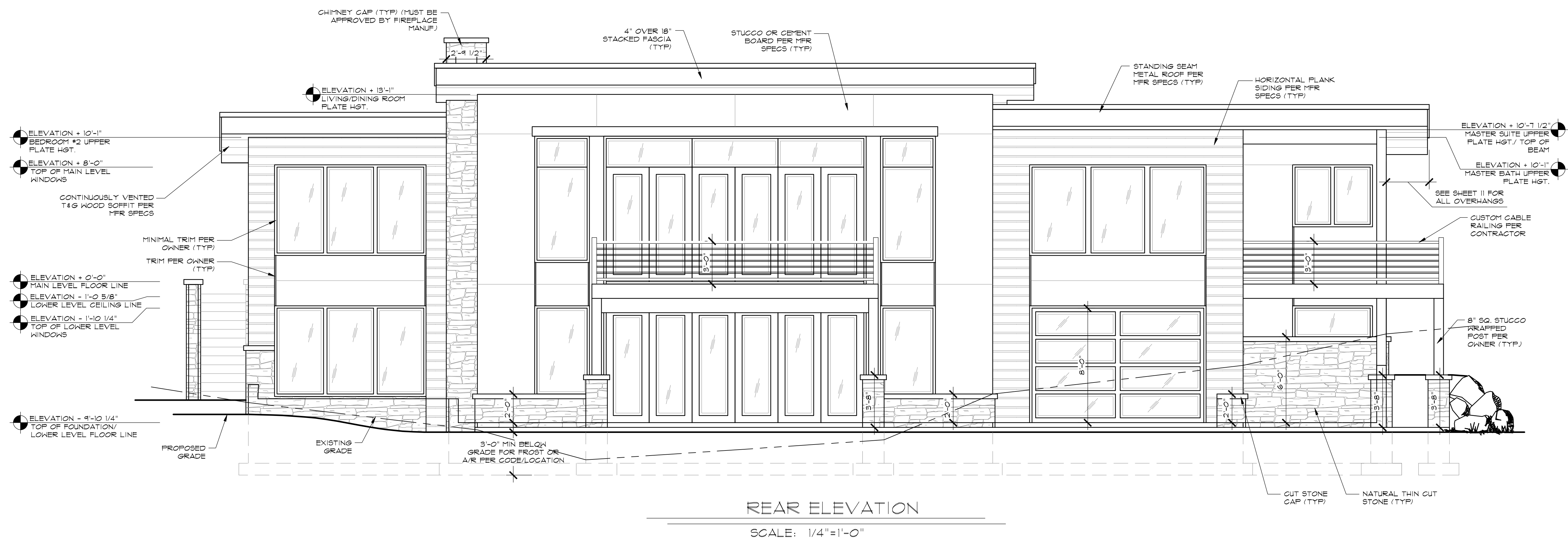
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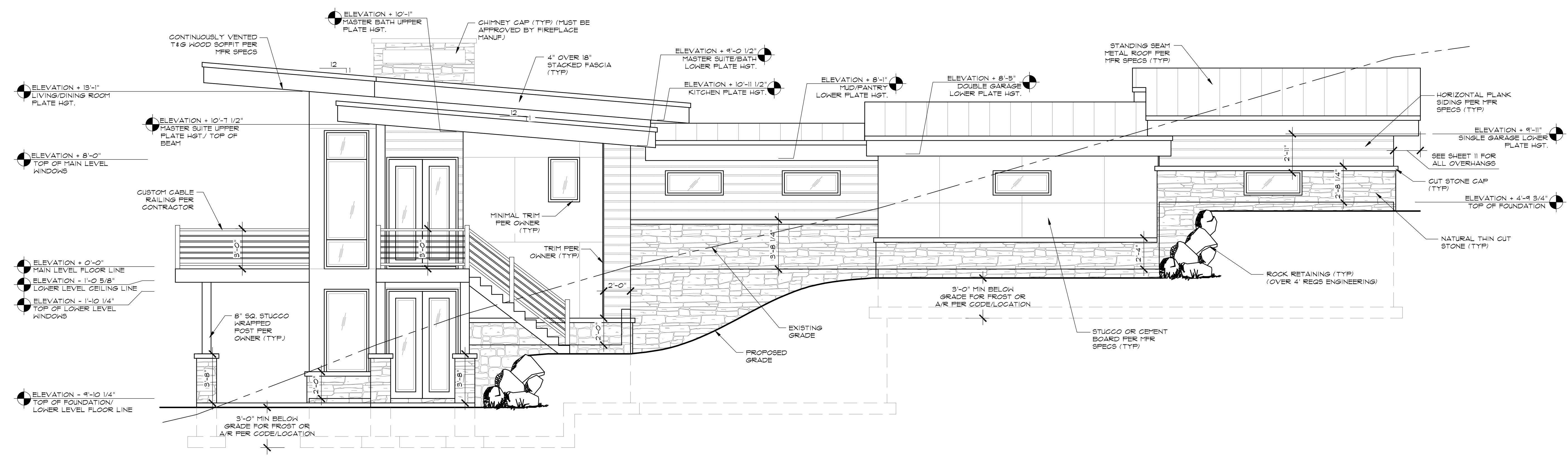
SHEET TITLE
FRONT / RIGHT SIDE ELEVATIONS



CLIENT: AADLAND
DRAWN BY: N. COOMBS
CHK'D BY: M. STEELE
ISSUE DATE: 10/29/2019
PLAN NUMBER: R1889
SHEET NUMBER: 4 OF 17



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



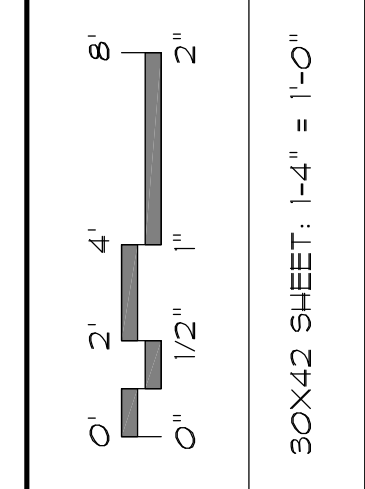
LEFT ELEVATION
SCALE: 1/4"=1'-0"

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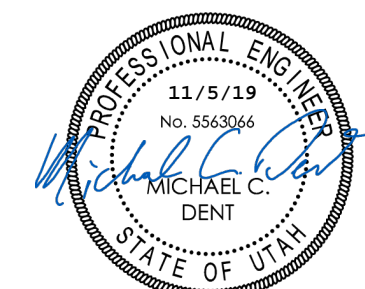
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SHEET TITLE:
REAR / LEFT SIDE
ELEVATIONS



CLIENT:
AADLAND
DRAWN BY:
N. COOMBS
CHK'D BY:
M. STEELE
ISSUE DATE:
10/29/2019
PLAN NUMBER:
R1889
SHEET NUMBER:
5 OF 17



3,000 PSI CONCRETE				FOUNDATION SCHEDULE				40,000 PSI STEEL			
MAXIMUM WALL HEIGHT FROM T.O. FOOTING	TOP EDGE SUPPORT	MIN. WALL WIDTH	MIN. WALL REINFORC.	HORIZONTAL WALL REINFORC.	MIN. WALL FOOTING SIZE AND REINFORC.	NOTES	SILL PLATE J-BOLTS UNO, SEE PLAN (7" EMBEDMENT)				
2'-0" TO 4'-0"	NONE	8"	#4 @ 24" O.C.	#4 @ 18" O.C.	SEE PLAN		1/2" x 10" @ 24" O.C.				
4'-0" TO 6'-0"	NONE	8"	#4 @ 18" O.C.	#4 @ 12" O.C.	14" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
6'-0" TO 8'-0"	NONE	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
8'-0" TO 10'-0"	FLOOR	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
10'-0" TO 12'-0"	FLOOR	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
12'-0" TO 14'-0"	FLOOR	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
14'-0" TO 16'-0"	FLOOR	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
16'-0" TO 18'-0"	FLOOR	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
18'-0" TO 20'-0"	FLOOR	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	18" x 12" CONT.	SEE NOTE #4 BELOW	1/2" x 10" @ 24" O.C.				
> 20'-0"	REG. ENG.	-	-	-	-	-	CONTACT YORK ENGR. REQUIRES ENG.				

NOTE: THIS ENGINEERING ASSUMES THAT THE SITE IS STABLE HAVING NO GLOBAL STABILITY CONCERNS OR HAZARDS. IF THIS IS NOT TRUE, CONTACT SOILS ENGINEER AND PROVIDE SOILS/SLOPE STABILITY REPORT TO YORK ENGINEERING FOR REVIEW AND FURTHER DESIGN.

1. REBAR TO BE PLACED IN THE CENTER OF THE WALL UNO. SEE PLAN.
 2. FOOTING DOWELS SHALL EXTEND 48 BAR DIAMETERS INTO THE FOUNDATION WALL AND MATCH WALL VERTICAL STEEL SIZE AND SPACING. DOWELS SHALL HAVE A 90 STANDARD HOOK AT BOTTOM AND SHALL BE PLACED PER DETAILS.
 3. USE 3" x 3" x 1/2" WASHERS ON J-BOLTS. IF SLOTTED WASHER IS USED, ADD CUT WASHER.
 4. LARGER FOOTING SPACING ON 4" TO 6" WALLS WITH NO TOP EDGE SUPPORT MAY BE REDUCED TO SIZE SPECIFIED ON PLANS, AND VERTICAL REBAR SPACING OF 24" O.C. FOR FOUNDATION WALLS MAY BE USED PROVIDED ONE OF THE FOLLOWING CONDITIONS EXIST:
 a. 4" TO 6" WALL LENGTH DOES NOT EXCEED 10'-0" AND HAS PERPENDICULAR CONCRETE RETURN WALL AT EACH END.
 b. UNBALANCED BACKFILL DOES NOT EXCEED 4'-0".
 5. TITEN HD BOLTS OR EPOXY THREADED RODS MAY BE SUBSTITUTED FOR J-BOLTS OF SAME SIZE AND SPACING. USE #7 TITEN FOR SINGLE SILL PL. USE #7 FOR DBL PLATE.
 6. ATTACH SILL PLATE TO FLOOR JOISTS/BOLDS WITH ASK CAP PER DETAILS.
 7. PERIODIC SPECIAL INSPECTIONS REQUIRED ON 18" TO 20" FOUNDATION WALLS.

TYPE	WIDTH	LENGTH	THICK	REINFORCEMENT
F-16	16"	CONT.	10"	(2) # 4 BARS CONT.
F-18	18"	CONT.	10"	(2) # 4 BARS CONT.
F-20	20"	CONT.	10"	(2) # 4 BARS CONT.
F-24	24"	CONT.	10"	(3) # 4 BARS CONT.
F-30	30"	CONT.	10"	(3) # 4 BARS CONT.
F-36	36"	CONT.	10"	(4) # 4 BARS CONT.
S-24	24"	24"	10"	(3) # 4 BARS EACH WAY
S-30	30"	30"	10"	(3) # 4 BARS EACH WAY
S-36	36"	36"	10"	(4) # 4 BARS EACH WAY
S-42	42"	42"	12"	(5) # 4 BARS EACH WAY
S-48	48"	48"	12"	(6) # 4 BARS EACH WAY
S-60	60"	60"	12"	(7) # 4 BARS EACH WAY

NOTE: FOOTING REINFORCEMENT IN THIS SCHEDULE AND NOTED ON PLANS IS BOTTOM REINFORCING UNO, AND SHALL BE PLACED IN BOTTOM 1/2 OF FOOTING THICKNESS, WITH 3" CONCRETE CLEAR COVER, MIN.

HOLDOWN	MIN. POST SIZE (FULL HT. KING POST)	MIN. BOLT SIZE	STEM WALL	SLAB ON GRADE
LSTD8/ LSTD8R	4X4 OR (2) 2X4	NA	(EMBED STRAP 8")	NA (EMBED STRAP 8")
STD10/ STD10R	4X4 OR (2) 2X4	NA	(EMBED STRAP 10")	NA (EMBED STRAP 10")
STD14/ STD14R	4X4 OR (2) 2X4	NA	(EMBED STRAP 14")	USE HTTS OR HDUS W/ PASS
HTTS AND HDUS	4X4 OR (2) 2X4	SB5/8X24	PAB5	
HD8	4X6 OR (2) 2X6	SB7/8X24	SSTB28	
HDU11	6X6	SBTX30 OR PAB8 (SEE PLAN)	SBTX30 OR PAB8 (SEE PLAN)	
HDU14	6X6	SBTX30 OR PAB8 (SEE PLAN)	SBTX30 OR PAB8 (SEE PLAN)	

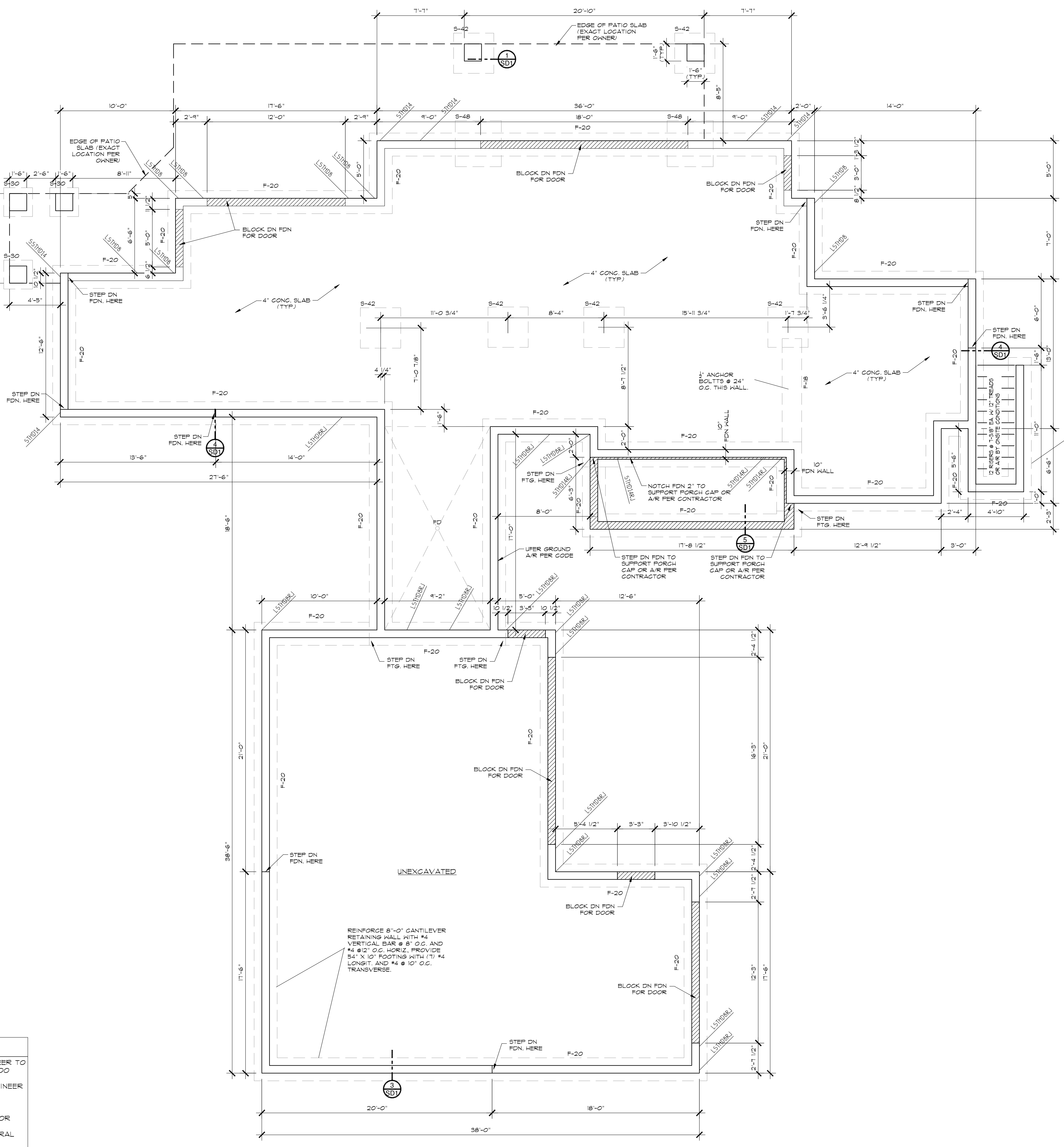
NOTE: THE REQUIREMENTS SHOWN IN THIS TABLE ARE MIN. UNO. SEE PLAN.
 1. AT INTERLEVEL HTT AND HDU HOLDOWNS, USE THREADED ROD OF SAME DIAMETER AS FOUNDATION BOLT.
 2. ALIGN HOLDOWNS AT FOUNDATIONS WITH INTERLEVEL HOLDOWNS/STRAPS ABOVE UNO. SEE PLAN.
 3. DIMENSIONS TO HOLDOWN LOCATIONS MUST BE FIELD VERIFIED.
 4. EDGE NAIL SHEATHING TO POSTS AT HOLDOWNS WITH (2) ROUS EDGE NAILING & USE #7 HOLDOWNS WHERE RIM JOIST OR SUSPENDED SLAB OCCURS ON WALL.

FOOTING FOUNDATION AND CONCRETE

- FOOTING DESIGN IS BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF UNO. SEE PLAN. IF A PROJECT SOILS REPORT HAS BEEN COMPLETED, FOLLOW ALL REPORT RECOMMENDATIONS. FOOTINGS SHALL BEAR ON UNGRAVELLED SOIL OR GRANULAR FILL COMPACTED TO 95% OF MAXIMUM DENSITY. NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND. ALL FOOTINGS TO BE PLACED AT MIN. BELOW LOCAL FROST DEPTH, AND BE CONTINUOUS AND MONOLITHIC FOUR.
- CHANGES IN ELEV. SHALL BE STEPPED WITH STEP HEIGHT NOT HIGHER THAN 1/2 THE STEP LENGTH AND NOT GREATER THAN 5". NOTIFY ENGINEER IF GRADE DROPS OVER 5" IN 24' (GREATER THAN 1/3 SLOPE) SO THAT APPROPRIATE DESIGN CHANGES MAY BE MADE TO FOUNDATION AND FOOTINGS.
- ALL FOOTINGS, FOUNDATIONS, AND INTERIOR SLABS SHALL BE NORMAL WT. CONCRETE WITH A COMPRESSIVE STRENGTH OF 2,500 PSI MIN. UNO, TO MEET STRENGTH REQUIREMENTS (SEE CALC.). NO SPECIAL INSPECTIONS REQUIRED UNO. SEE PLAN HOWEVER, PER RC 402.2 USE 3,000 PSI CONCRETE FOR DURABILITY PURPOSES. THE WATER/CEMENT RATIO SHALL BE NO GREATER THAN .50 WITH A MINIMUM CEMENT CONTENT OF 504 LBS. PER CUBIC YARD.
- ALL CONC. WORK SHALL BE PLACED, CURED, STRIPPED, AND PROTECTED AS REQUIRED BY ACI STANDARDS AND PRACTICES.
- ALL REINFORCING SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI STANDARD 318. REINFORCEMENT SHALL BE FREE FROM MUD AND OIL AND OTHER NON-METALLIC COATINGS THAT HAMPER BONDING CAPACITY.
- OWNER/CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS LISTED ON THE DRAWING. VERIFICATION OF ALL SITE CONDITIONS INCLUDING SITE STABILITY IS THE RESPONSIBILITY OF OTHERS.
- ALLOW 14 DAYS FOR CONCRETE TO CURE PRIOR TO BACKFILL.
- STRUCTURAL CONCRETE EXPOSED TO FREEZE THAW CYCLES SHALL HAVE 5% ENTRAINMENT, MN.
- RUN FOOTINGS CONTINUOUS UNDER ALL DOOR OPENINGS. SEE PLAN.
- SILL PLATE J-BOLTS SHALL BE A307 WITH 7" MIN. EMBEDMENT IN CONCRETE UNO. SEE PLAN.
- TITEN HD BOLTS OR EPOXY THREADED RODS MAY BE USED AS SUBSTITUTION FOR SILL PLATE J-BOLTS AT SAME SIZE AND SPACING AS J-BOLTS. USE #6 TITEN HD FOR SINGLE SILL PLATE AND #8 TITEN HD FOR DBL PLATE.
- ALL FOUNDATION HOLDOWN STRAPS/ANCHORS SHALL BE ALIGNED WITH END OF SHEAR WALL ABOVE AND SHALL ATTACH TO FULL HEIGHT KING STUDS UNO. SEE PLAN. PROVIDE WOOD POST AT EACH HOLDOWN PER THE HOLDOWN SCHEDULE. DIMENSIONS TO HOLDOWN LOCATIONS MUST BE FIELD VERIFIED.
- FOOTINGS TO BE CENTERED ON WALLS AND COLUMNS/POSTS UNO. SEE PLAN.
- USE SMP50N SET-XP EPOXY FOR CONCRETE ANCHORS UNO. SEE PLAN. CONTINUOUS SPECIAL INSPECTIONS REQUIRED ON ALL EPOXY OPERATIONS UNLESS WAIVED BY ENGINEER AND THE BUILDING OFFICIAL.
- LAP REBAR 48 BAR DIAMETERS UNO. SEE PLAN. REINFORCING IN SLABS ON GRADE MAY BE LAPPED 24". SPLICES IN BOTTOM STEEL IN CONCRETE BEAMS AND CAST IN PLACE SUSPENDED SLABS SHALL BE STAGGERED 48 BAR DIAMETERS.
- LINTELS IN CONCRETE WALLS MAY BE AS FOLLOWS UNO. SEE PLAN FOR 3'-0" MAX SPAN. 8" DEEP WITH (2) #4 BOTT. BARS. FOR 6'-0" MAX SPAN. 12" DEEP WITH (2) #4 BOTT. BARS.
- PROVIDE (2) EDGE BARS ABOVE CONCRETE WALL OPENINGS AND (1) BAR EACH SIDE AND BELOW OPENINGS UNO. SEE PLAN. MATCH SIZE OF EDGE BARS WITH TYPICAL WALL REINFORCING AND PLACE WITHIN 4" OF OPENING EDGE. EXTEND BARS 48 BAR DIAMETERS PAST EDGE OF OPENING OR BELOW AS FAR AS POSSIBLE AND PROVIDE 90 STANDARD HOOK AT END.
- PROVIDE HORIZONTAL BAR WITHIN 3" OF TOP AND BOTT. OF WALL AND PROVIDE VERTICAL BAR AT ALL WALL CORNERS AND ENDS.

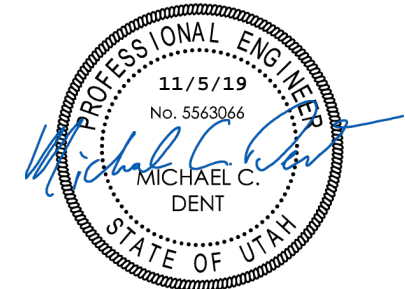
IMPORTANT NOTE:

- THE CONTRACTOR IS REQUIRED TO CONSULT WITH A GEO-TECHNICAL ENGINEER TO VERIFY ALLOWABLE SOIL BEARING PRESSURE AND THAT EXPANSIVE SOILS DO NOT EXIST IN THE VICINITY OF CONSTRUCTION PRIOR TO INSTALLING THE FOUNDATION. ALL FINDINGS ARE TO BE REPORTED TO THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING.
- THE FOOTING/ FOUNDATION PLAN INFORMATION PRESENTED HEREIN IS "FOR INFORMATION ONLY." THE STRUCTURAL ENGINEER SHALL BE RESPONSIBLE FOR FOOTING/ FOUNDATION PLAN DETAILS AND REQUIREMENTS. ELEVATIONS OF FOOTINGS OR TOP OF FOUNDATIONS SHOULD BE DETERMINED BY THE GENERAL CONTRACTOR BASED ON SITE CONDITIONS AND OWNER DESIRES.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION
- FOUNDATION MUST BE INSULATED WITH A MIN. OF R-10 RIGID INSULATION.

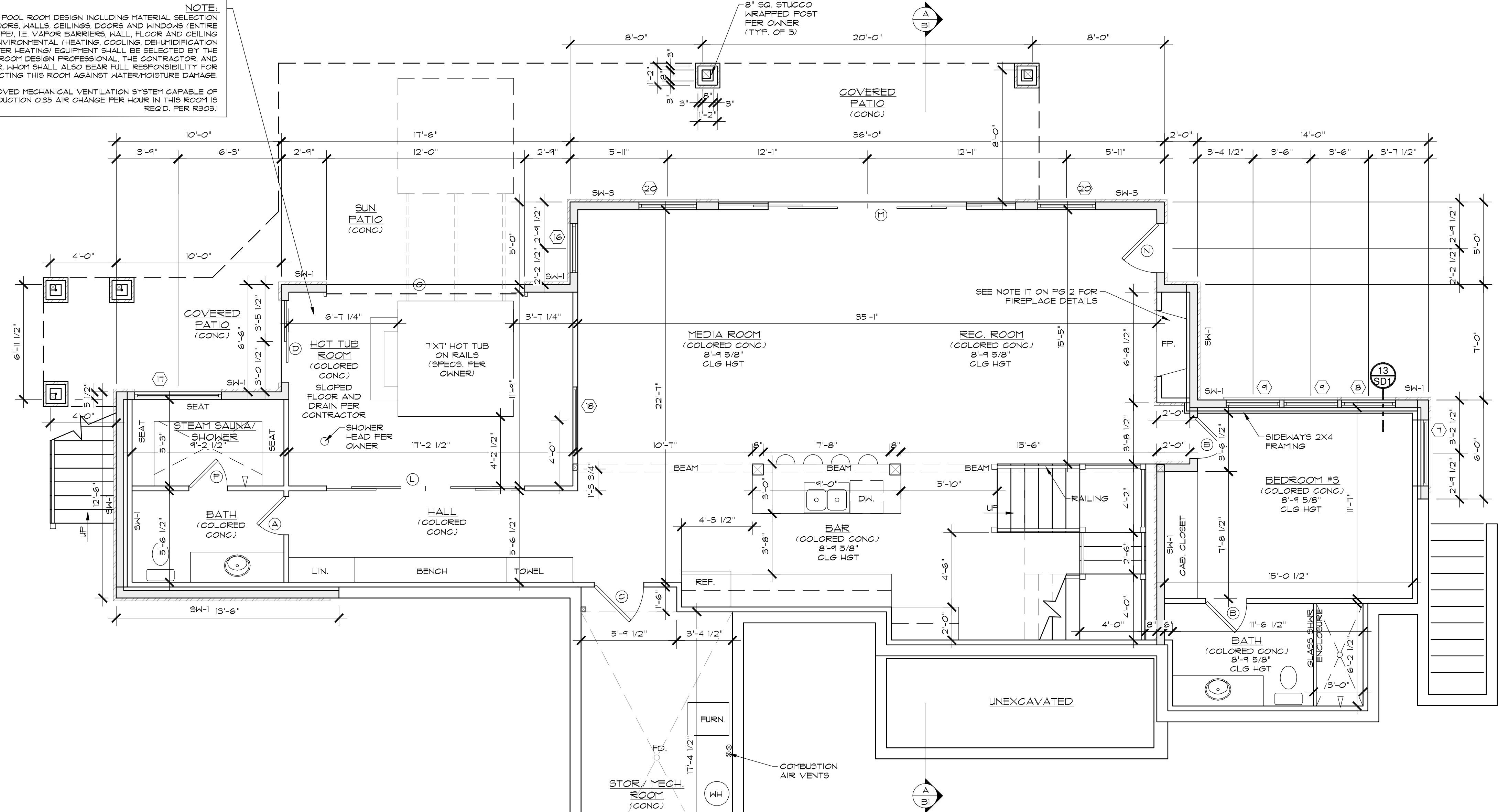


SEE PAGE 7 FOR WINDOW AND DOOR SCHEDULE

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 SHEET TITLE: FOOTING / FOUNDATION PLAN
 CLIENT: AADLAND
 DRAWN BY: N. COOMBS
 CHECK BY: M. STEELE
 ISSUE DATE: 10/29/2019
 PLAN NUMBER: R1889
 SHEET NUMBER: 6 OF 17



NOTE:
ENTIRE POOL ROOM DESIGN INCLUDING MATERIAL SELECTION FOR FLOORS, WALLS, CEILING, DOORS AND WINDOWS (ENTIRE ENVELOPE), I.E. VAPOR BARRIERS, WALL, FLOOR AND CEILING FINISHES, ENVIRONMENTAL HEATING, COOLING, DEHUMIDIFICATION AND WATER HEATING EQUIPMENT SHALL BE SELECTED BY THE POOL ROOM DESIGN PROFESSIONAL. THE CONTRACTOR AND OWNER MUST ALSO BEAR FULL RESPONSIBILITY FOR PROTECTING THIS ROOM AGAINST WATER/MOISTURE DAMAGE.
AN APPROVED MECHANICAL VENTILATION SYSTEM CAPABLE OF PRODUCTION 0.39 AIR CHANGE PER HOUR IN THIS ROOM IS REQ'D. PER R303.



DOOR SCHEDULE		
ID	QTY	DESCRIPTIONS
A	2	2'-4" X 8'-0" INTERIOR 2 PANEL
B	5	2'-6" X 8'-0" INTERIOR 2 PANEL DOOR
C	1	3'-0" X 8'-0" INTERIOR 2 PANEL DOOR
D	2	5'-0" X 8'-0" EXTERIOR FULL GLASS SLIDING DOOR
E	1	18'-0" X 8'-0" EXTERIOR FULL GLASS 6 UNIT BIPARTING SLIDING DOOR W/ 2'-0" TRANSOM
F	1	4'-0" X 8'-0" ENTRY DOOR
G	1	3'-0" X 8'-0" 20 MIN FIRE RATED W/ SELF CLOSER
H	2	3'-0" X 8'-0" EXTERIOR HALF GLASS DOOR
I	1	12'-0" X 12'-0" INSULATED OVERHEAD DOOR
J	1	16'-0" X 9'-0" INSULATED OVERHEAD DOOR
K	1	2'-6" X 8'-0" INTERIOR 2 PANEL POCKET DOOR
L	1	12'-0" X 8'-0" INTERIOR FULL GLASS BIPARTING SLIDING DOOR
M	1	18'-0" X 8'-0" EXTERIOR FULL GLASS 6 UNIT BIPARTING SLIDING DOOR
N	1	3'-0" X 8'-0" EXTERIOR FULL GLASS DOOR
O	1	12'-0" X 8'-0" INSULATED OVERHEAD DOOR
P	1	2'-4" X 8'-0" DBL. INSULATED METAL GLASS DOOR
Q	1	5'-0" X 8'-0" INTERIOR 2 PANEL DBL. DOOR

NOTE: UNLESS OTHERWISE SPECIFIED ALL INTERIOR DOORS SHALL HAVE PINE JAMBES. ALL EXTERIOR DOORS SHALL HAVE PINE JAMBES, DEAD BOLTS AND WEATHER-STRIPPING. ALL GLASS ENTRY & PATIO DOORS SHALL HAVE LOW-E, DOUBLE GLAZED, TEMPERED SAFETY GLASS.

WINDOW SCHEDULE		
ID	QTY	DESCRIPTIONS
1	4	4'-0" X 1'-6" FIXED
2	2	2'-0" X 3'-0" CASEMENT
3	1	3'-6" X 4'-6" CASEMENT 2 UNIT
4	3	2'-6" X 6'-0" FIXED
5	3	1'-6" X 2'-0" CASEMENT
6	1	2'-0" X 2'-6" CASEMENT
7	2	4'-0" X 2'-0" FIXED
8	2	3'-3" X 6'-0" CASEMENT
9	4	3'-3" X 6'-0" FIXED
10	2	3'-0" X 6'-0" FIXED W/ 2'-0" TRANSOM & 2'-0" AWNING BELOW (TEMP)
11	2	3'-6" X 6'-6" FIXED W/ 2'-0" TRANSOM
12	2	3'-9" X 6'-0" FIXED
13	1	3'-9" X 6'-0" CASEMENT
14	2	2'-6" X 4'-0" FIXED (TEMP)
15	2	1'-6" X 4'-0" CASEMENT
16	1	3'-0" X 6'-0" CASEMENT
17	1	5'-3" X 2'-0" TRANSOM
18	1	4'-0" X 6'-0" INTERIOR FIXED (TEMP)
19	1	4'-0" X 4'-6" CASEMENT 2 UNIT
20	2	3'-6" X 6'-0" CASEMENT

NOTE: UNLESS OTHERWISE NOTED ALL WINDOWS SHALL BE VINYL OR FIBERGLASS PER OWNER. MANUFACTURERS DIRECTIONS SHALL BE FOLLOWED FOR INSTALLATION AND FRAMING DIMENSIONS. ALL WINDOWS SHALL BE DOUBLE GLAZED AND LOW E GLASS. SEE ELEVATIONS TO DETERMINE STYLE AND CONFIGURATION.

IMPORTANT NOTE:
• MECHANICAL ROOM DOOR MUST BE SOLID CORE AND GASKETED
• MECHANICAL ROOM MUST BE INSULATED WITH A MINIMUM OF R19 IN ALL WALLS AND R30 IN THE FLOOR SPACE ABOVE

WALL SCHEDULE	
	2'x4" FRAMED WALL
	2'x6" FRAMED WALL
	2'x10" FRAMED WALL
	THIN CUT NATURAL STONE

NOTE:
1. UNLESS OTHERWISE SPECIFIED ALL ANGLED WALLS SHALL BE IN 45° INCREMENTS.
2. WALL SIZES SHALL BE GOVERNED IN ALL CASES BY THE WALL HEIGHT SCHEDULE (SEE FRAMING SHEETS).

NOTE:
VERIFY ALL FIELD DIMENSIONS PRIOR TO CONSTRUCTION.
BUILT-IN CABINETRY SHALL BE SELECTED BY OWNER.

SEAL WALL NOTES

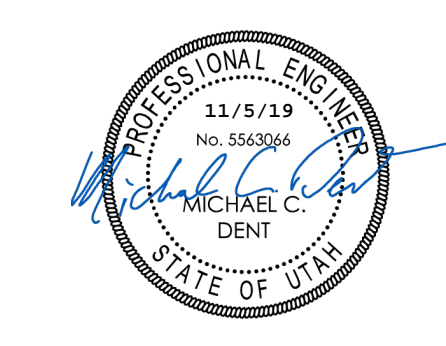
ALL EXTERIOR WALLS AND VERTICAL SURFACES SHALL BE SHEATHED PER TYPICAL SEAL WALL REQUIREMENTS MIN. UNO. WITH SHEATHING MANUFACTURED WITH EXTERIOR GLUE. SHEATHING SHALL BE APA RATED 24/16 MIN. NAILS SHALL BE SPACED 12" MIN. FROM PANEL EDGE AND DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING. BLOCK AND EDGE NAIL ALL HORIZONTAL SHEATHING JOINTS.

SEAL WALL SCHEDULE						
TYPE	SHEATHING	NAIL SIZE	NAIL SPACING	STAPLE EQ	BOTT. FL. TO RIM ATTACHMENT	RIM/BLOCK TO FL. ATTACHMENT BELOW DBL SIDED SHEAR WALLS
TYPICAL	7/16" ONE SIDE	8d	6" O.C. 12" O.C.	16G @ 3" O.C.	16d @ 6" O.C.	LTP4 OR A35 @ 16" O.C.
SW-1	7/16" ONE SIDE	8d	4" O.C. 12" O.C.	16G @ 2" O.C.	16d @ 6" O.C.	LTP4 OR A35 @ 16" O.C.
SW-2	7/16" ONE SIDE	8d	3" O.C. 12" O.C.	NOT ALLOWED	4" SDS SCREWS @ 8" O.C. ^{1,2}	LTP4 OR A35 @ 12" O.C.
SW-3	7/16" ONE SIDE	8d	2" O.C. 12" O.C.	NOT ALLOWED	4" SDS SCREWS @ 8" O.C. ^{1,2}	LTP4 OR A35 @ 9" O.C.

NOTES:
1. 16 GAGE X 1-1/2" STAPLES MAY BE SUBSTITUTED FOR 8d NAILS AT 1/2 SPACING ON TYPICAL AND SW-1 WALLS.
2. WHERE SHEAR WALLS ARE INDICATED ON PLANS AT BOTH SIDES OF WALL, PROVIDE SHEATHING BOTH SIDES OF WALL (DBL SIDED SHEAR WALL) AND STAGGER EDGE NAILS.
3. PROVIDE 3X OR DBL 2X MEMBERS AT ADJOINING PANEL EDGES AT SW-2 AND SW-3 AND LAP SHEATHING 1/4" MIN. ON FRAMING MEMBERS AT PANEL EDGES.
4. AT TYPICAL AND SW-1 WALLS, LAP SHEATHING 3/4" ONTO FRAMING MEMBERS AT PANEL EDGES.
5. LAP SHEATHING 1/4" MIN. ONTO SILL PLATES ON FOUNDATIONS.
6. NAILS TO BE COMMON OR GALVANIZED BOX.
7. AT SINGLE SIDED SHEAR WALLS WHERE SHEATHING IS LAPPED TO CENTER OF RIM, WALL TOP FL OR TO SILL PLATE BELOW 16d @ 6" O.C. MAY BE USED FOR WALL BOTTOM FLATE TO RIM ATTACHMENT.
8. USE 1" SCREWS FOR WALL PLATE TO RIM ATTACHMENT IF FLOOR SHEATHING IS GREATER THAN 3/4" THICK.
9. EDGE NAIL SHEATHING TO POSTS AT HOLDINGS WITH (2) ROUS EDGE NAILING.

LOWER FLOOR (FINISHED) 1691 SQ. FT.
LOWER FLOOR (UNFINISHED) 213 SQ. FT.

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 SHEET TITLE: LOWER LEVEL FLOOR PLAN
 SHEET NUMBER: 7 OF 17
 SCALE: 1/4" = 1'-0"



SHEATHING NOTES

1. STAGGER ROOF AND FLOOR SHEATHING JOINTS. SEE ROOF SHEATHING LAYOUT DETAIL.
2. INSTALL ROOF AND FLOOR SHEATHING WITH LONG DIMENSION PERPENDICULAR TO TRUSSES/JOISTS U.N.O. SEE PLAN. SHEATHING INSTALLED WITH LONG DIMENSION PARALLEL TO JOISTS/TRUSSES SHALL BE 5 PLY PLYWOOD CONFORMING TO APA STANDARD PS-1.
3. NAILS SHALL BE 7 MN FROM SHEATHING EDGE.
4. ALL FLOOR AND ROOF SHEATHING PIECES SHALL BE 48" X 48" MN.
5. PROVIDE EDGE NAILING AT ALL SUPPORTED AND BLOCKED PANEL EDGES AND PER DETAILS.

WALL SHEATHING: 7/16" APA RATED 24/16 MN. U.N.O. SEE PLAN. ALL EXTERIOR WALLS AND VERTICAL SURFACES SHALL BE SHEATHED WITH SHEATHING MANUFACTURED WITH EXTERIOR GLUE. SEE PLANS AND SHEAR WALL SCHEDULE FOR NAILING REQUIREMENTS.

ROOF SHEATHING: 7/16" APA RATED 24/16 MN. WITH 8d NAILS AT 6" O.C. EDGE NAILING AND 12" O.C. FIELD NAILING FOR ROOF SNOW LOAD LESS THAN OR EQUAL TO 40 PSF. FOR ROOF SNOW LOAD GREATER THAN 40 PSF USE 5/8" APA RATED 40/20 MN. WITH 10d NAILS AT 6" O.C. EDGE NAILING AND 12" O.C. FIELD NAILING U.N.O. SEE PLAN.

FLOOR SHEATHING: 3/4" T+G APA RATED 40/20 MN. 48/24 WHEN FLOOR TRUSSES/JOISTS ARE AT 24" O.C. WITH 8d NAILS AT 6" O.C. EDGE NAILING AND 12" O.C. FIELD NAILING U.N.O. SEE PLAN. GLUE SHEATHING TO JOISTS/TRUSSES WITH ADHESIVE CONFORMING TO APA SPECIFICATIONS.

FRAMING NOTES

1. SILL PLATE J-BOLTS SHALL HAVE A 3"x3"x1/4" WASHER AT EACH BOLT. F SLOTTED WASHER IS USED. ADD OUT WASHER.
2. ALL FOUNDATION HOLDOWN STRAPS/ANCHORS SHALL BE ALIGNED WITH END OF SHEAR WALL AND/OR INTER LEVEL STRAP ABOVE (WHERE OCCURS) AND SHALL ATTACH TO FULL HEIGHT KING STUDS U.N.O. SEE PLAN. PROVIDE WOOD POST AT EACH HOLDOWN PER THE HOLDOWN SCHEDULE.
3. STRAPS CALLED OUT ON FLOOR AND FLOOR FRAMING PLANS ARE VERTICAL INTER LEVEL STRAPS AND SHALL BE CENTERED ON RIM BOARD AND ALIGNED WITH END OF SHEAR WALL ABOVE AND ATTACHED TO FULL HEIGHT KING STUDS UNLESS NOTED OR SHOWN OTHERWISE. SEE PLANS.
4. WALL DBL TOP PLATES SHALL BE 2X MN. AND SHALL LAP 36" AT ALL SPLICES WITH (12) 16d NAILS STAGGERED EACH SIDE OF SPLICE U.N.O. SEE PLAN. WHERE PLATES DO NOT LAP. PROVIDE CS16X32' STRAP TO SPLICE PLATES. ALIGN WALL STUD WITH PLATE JOINTS.
5. PROVIDE DBL CANTILEVER FLOOR JOISTS BELOW (2) PLY (OR MORE) TRIMMERS/POSTS AND WHERE SHEAR WALL HOLDOWN STRAPS ARE INDICATED.
6. ATTACH (2) PLY HEADERS TOGETHER WITH (3) 16d AT 12" O.C. (2) 16d OR FOR 2XG HEADERS USE (3) 16d AT 12" O.C. EACH SIDE FOR (3) PLY HEADERS. USE (4) 16d AT (2) AND (3) PLY HEADERS WHEN HEADER HEIGHT IS GREATER THAN 11". ATTACH (4) PLY HEADERS TOGETHER WITH (2) THROUGH BOLTS AT 16" O.C. OR (2) SDS 1/4" X 6" SCREWS AT 16" O.C. EACH SIDE OF HEADER U.N.O. SEE PLAN.
7. SEE BEARING WALL CONSTRUCTION TABLE FOR WALL FRAMING REQUIREMENTS.
8. EDGE NAIL SHEATHING TO ALL DRAG MEMBERS.
9. WHEN CHIMNEY IS SUPPORTED BY ROOF/FLOOR FRAMING. TRUSS/JOIST MFR TO DESIGN TRUSSES/JOISTS TO SUPPORT CHIMNEY HEIGHT INCLUDING VENEER WHERE OCCURS. CHIMNEYS CANTILEVERING MORE THAN 4' ABOVE ROOF SHALL BE FRAMED WITH 2X6 @ 12" O.C. USE LSL 2X6 @ 12" O.C. FOR CHIMNEYS EXTENDING MORE THAN 8' ABOVE THE ROOF. CHIMNEYS EXTENDING MORE THAN 10' ABOVE THE ROOF SHALL BE LATERALLY BRACED (WITHIN 4' OF CHIMNEY TOP) TO THE ROOF FRAMING WITH CABLES OR RODS ANCHORED TO RESIST SEISMIC AND WIND LOADS. CHIMNEYS THAT EXTEND MORE THAN 6' ABOVE THE ROOF AND ARE SUPPORTED BY ROOF FRAMING (FRAMING DOES NOT EXTEND CONTINUOUS THROUGH ROOF) SHALL HAVE A HSTC48B3 ANCHOR AT EACH CORNER CROOKED UNDER ROOF JOIST OR TRUSS TOP CHORD.
10. ATTACH STEEL BEAMS TO WOOD POSTS PER BEAM POCKET N WOOD WALL DETAIL.

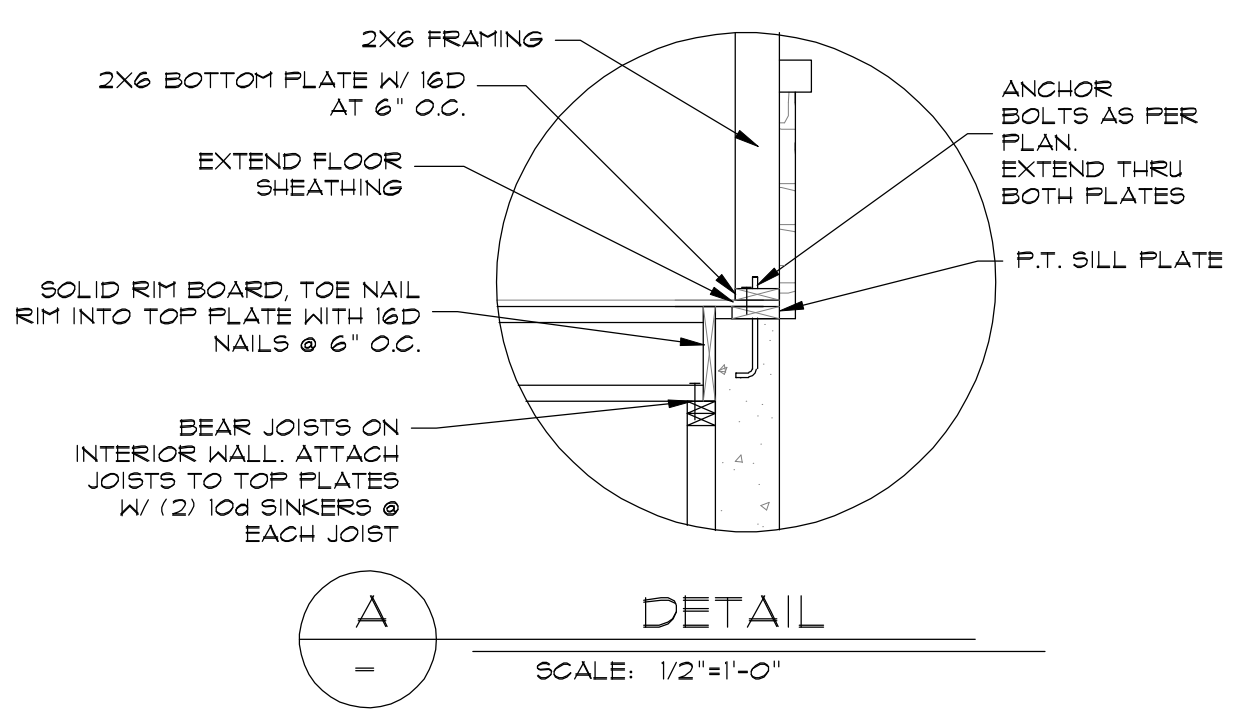
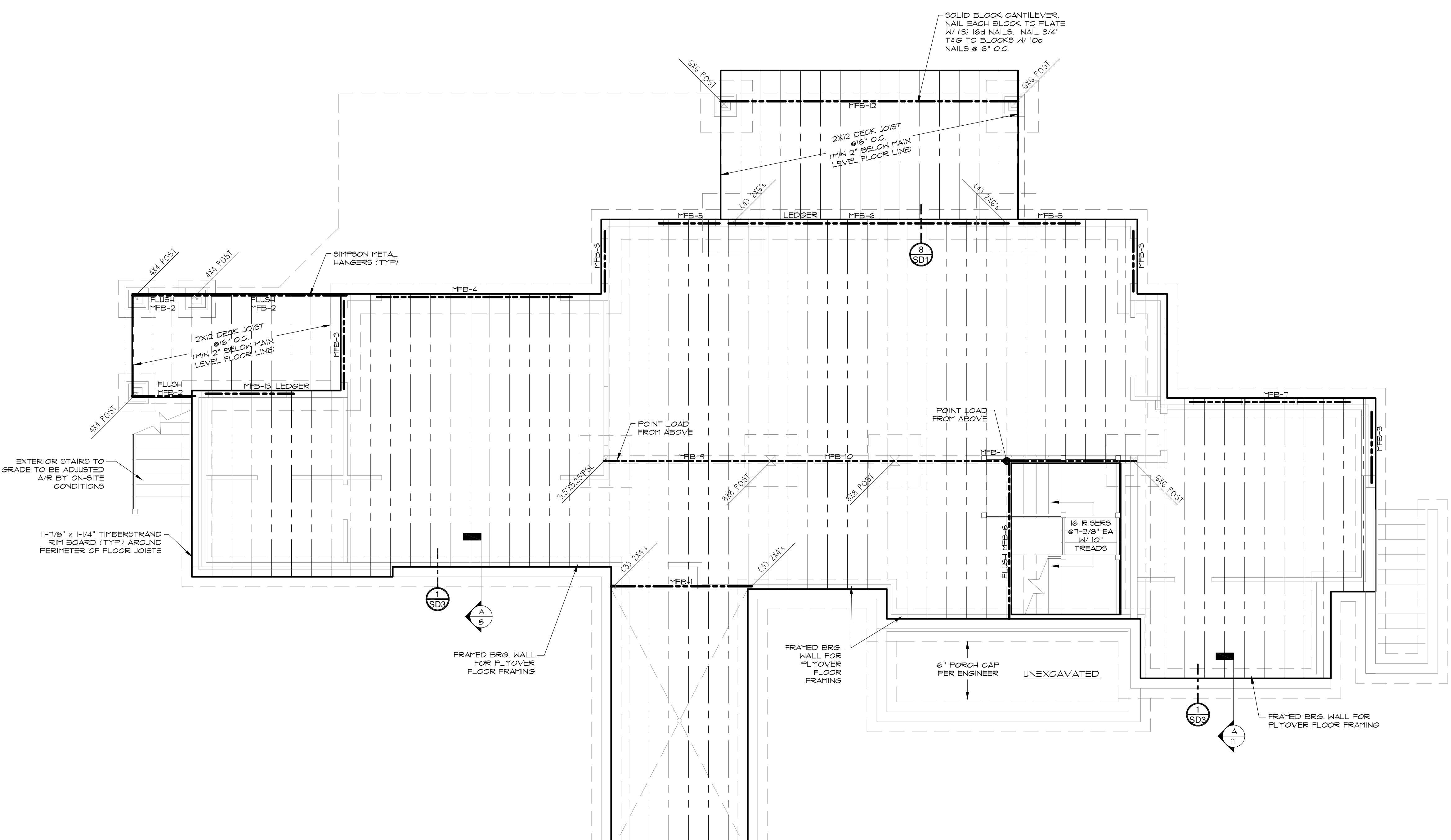
CS16 FLOOR TIE STRAPS

LAP UPPER LEVEL WALL SHEATHING TO CENTER OF RIM OR WALL DBL TOP PL. BELOW OR INSTALL VERTICAL CS16X32' STRAPS AT 32" O.C. CENTERED ON RIM.

LAP LOWER AND MAIN LEVEL WALL SHEATHING TO CENTER OF RIM OR ONTO SILL PLATE BELOW OR INSTALL VERTICAL CS16X32' STRAPS AT 32" O.C. CENTERED ON WALL BOTT. PLATE.

AT SW-1 WALLS. CS16 STRAPS NOT NEEDED IF SHEATHING IS BROKE AT CENTER OF WALL BOTT. PLATE.

AT DBL SIDED SHEAR WALLS EXTERIOR SHEATHING MUST LAP TO LOWER RIM OR WALL SILL PLATE AS DESCRIBED ABOVE (CS16 STRAP RETROFIT NOT ALLOWED).



IMPORTANT NOTE:
 • ALL FLOOR FRAMING MEMBERS ARE 11-1/8" S&O TJI FLOOR JOISTS @ 16" O.C. UNLESS OTHERWISE SPECIFIED.

FLOOR BEAM SCHEDULE	
MFB-1:	(2) 1 3/4" X 11 1/8" LVL
MFB-2:	(2) 2X12
MFB-3:	(2) 2X6's
MFB-4:	(2) 1 3/4" X 11 1/8" LVL
MFB-5:	(2) 2X8's
MFB-6:	(3) 1 3/4" X 16" LVL or W12X19 STEEL
MFB-7:	(2) 1 3/4" X 11 1/8" LVL
MFB-8:	(2) 1 3/4" X 11 1/8" LVL
MFB-9:	W10X33 STEEL
MFB-10:	W10X30 STEEL
MFB-11:	W10X30 STEEL
MFB-12:	5 1/8" X 18" GLB or W10X22 STEEL
MFB-13:	(2) 1 3/4" X 9 1/2" LVL

IMPORTANT NOTE:
 • THE FLOOR FRAMING PLAN INFORMATION PRESENTED HEREIN IS "FOR INFORMATION ONLY." THE ACTUAL FLOOR FRAMING PLAN SHALL BE THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. HABITATIONS MAKES NO GUARANTEE TO THE PLAN ACCURACY OR COMPLETENESS AND ASSUMES NO LIABILITY FOR SUCH.

PROFESSIONAL ENGINEER
 11/9/29
 MICHAEL C. DENT
 STATE OF UTAH

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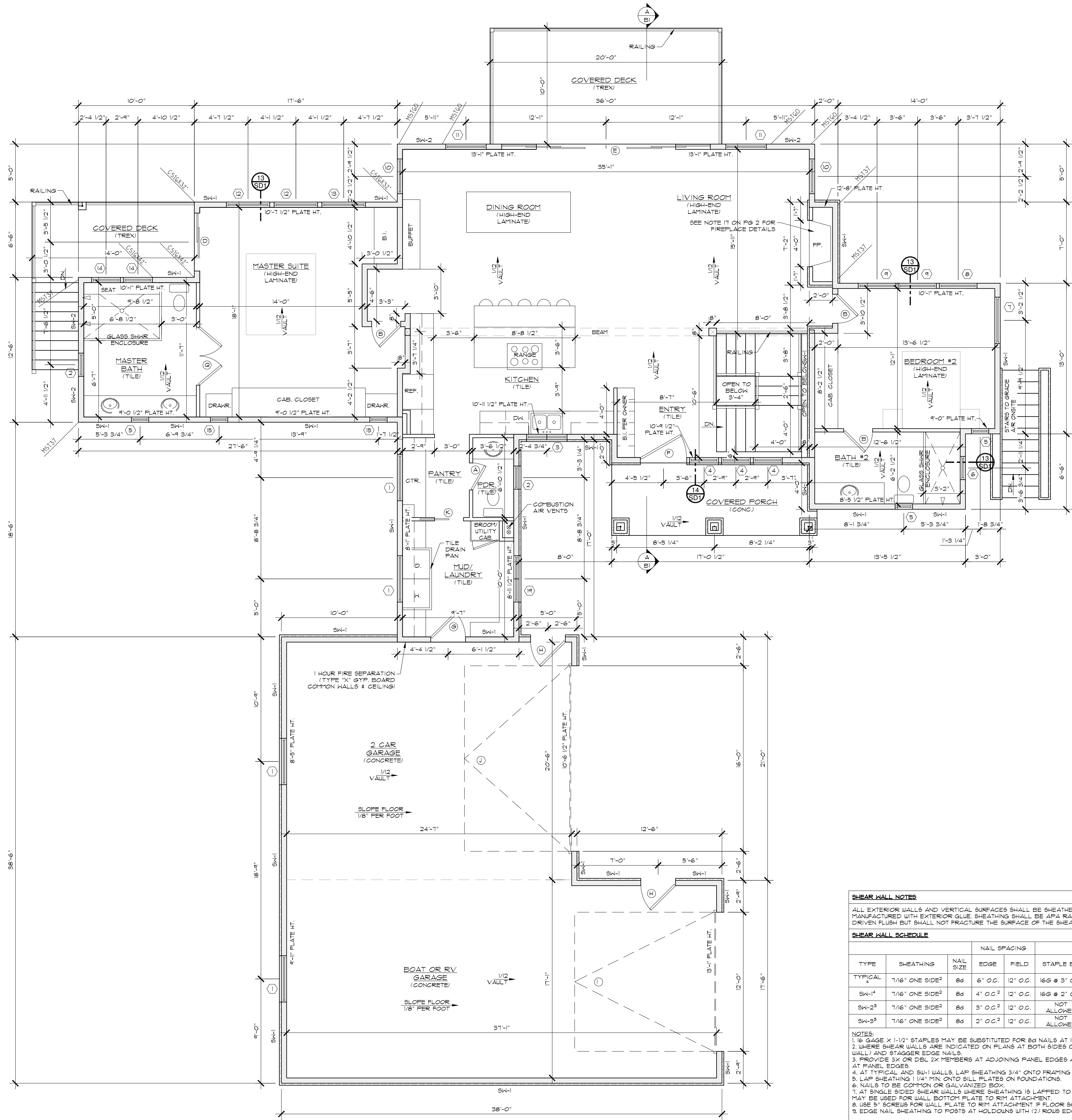
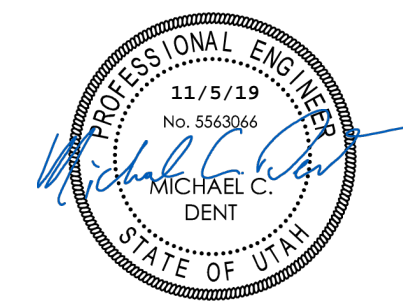
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SHEET TITLE
MAIN LEVEL FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"
 30X42 SHEET: 1-4" = 1'-0"

CLIENT: AADLAND
 DRAWN BY: N. COOMBS
 CHECKED BY: M. STEELE
 ISSUE DATE: 10/29/2019
 PLAN NUMBER: R1889
 SHEET NUMBER: 8 OF 17



DOOR SCHEDULE		
ID	QTY	DESCRIPTIONS
A	2	2'-4" X 8'-0" INTERIOR 2 PANEL
B	5	2'-6" X 8'-0" INTERIOR 2 PANEL DOOR
C	1	3'-0" X 8'-0" INTERIOR 2 PANEL DOOR
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E	1	18'-0" X 8'-0" EXTERIOR FULL GLASS 6 UNIT BIPARTING SLIDING DOOR W/ 2'-0" TRANSOM
F	1	4'-0" X 8'-0" ENTRY DOOR
G	1	3'-0" X 8'-0" 20 MIN FIRE RATED W/ SELF CLOSER
H	2	3'-0" X 8'-0" EXTERIOR HALF GLASS DOOR
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N	1	3'-0" X 8'-0" EXTERIOR FULL GLASS DOOR
O	1	12'-0" X 8'-0" INSULATED OVERHEAD DOOR
P	1	2'-4" X 8'-0" DBL. INSULATED METAL GLASS DOOR
Q	1	5'-0" X 8'-0" INTERIOR 2 PANEL DBL. DOOR

WINDOW SCHEDULE		
ID	QTY	DESCRIPTIONS
1	4	4'-0" X 1'-6" FIXED
2	2	2'-0" X 3'-0" CASEMENT
3	1	3'-6" X 4'-6" CASEMENT 2 UNIT
4	3	2'-6" X 6'-0" FIXED
5	3	1'-6" X 2'-0" CASEMENT
6	1	2'-0" X 2'-6" CASEMENT
7	2	4'-0" X 2'-0" FIXED
8	2	3'-3" X 6'-0" CASEMENT
9	4	3'-3" X 6'-0" FIXED
10	2	3'-0" X 6'-0" FIXED W/ 2'-0" TRANSOM & 2'-0" ANNING BELOW (TEMP)
11	2	3'-6" X 6'-6" FIXED W/ 2'-0" TRANSOM
12	2	3'-9" X 6'-0" FIXED
13	1	3'-9" X 6'-0" CASEMENT
14	2	2'-6" X 4'-0" FIXED (TEMP)
15	2	1'-6" X 4'-0" CASEMENT
16	1	3'-0" X 6'-0" CASEMENT
17	1	5'-3" X 2'-0" TRANSOM
18	1	4'-0" X 6'-0" INTERIOR FIXED (TEMP)
19	1	4'-0" X 4'-6" CASEMENT 2 UNIT
20	2	3'-6" X 6'-0" CASEMENT

WALL SCHEDULE	
[Symbol]	2'X4" FRAMED WALL
[Symbol]	2'X6" FRAMED WALL
[Symbol]	2'X10" FRAMED WALL
[Symbol]	THIN CUT NATURAL STONE

NOTE:
VERIFY ALL FIELD DIMENSIONS PRIOR TO CONSTRUCTION.
BUILT-IN CABINETRY SHALL BE SELECTED BY OWNER.

WALL SCHEDULE NOTES

1. NOTE: UNLESS OTHERWISE NOTED ALL WINDOWS SHALL BE VINYL OR FIBERGLASS PER OWNER. MANUFACTURERS DIRECTIONS SHALL BE FOLLOWED FOR INSTALLATION AND FRAMING DIMENSIONS. ALL WINDOWS SHALL BE DOUBLE GLAZED AND LOW E GLASS. SEE ELEVATIONS TO DETERMINE STYLE AND CONFIGURATION.

DOOR SCHEDULE NOTES

NOTE: UNLESS OTHERWISE SPECIFIED ALL INTERIOR DOORS SHALL HAVE PINE JAMBS. ALL EXTERIOR DOORS SHALL HAVE PINE JAMBS, DEAD BOLTS AND PEATHER-STRIPPING. ALL GLASS ENTRY & PATIO DOORS SHALL HAVE LOW-E DOUBLE GLAZED, TEMPERED SAFETY GLASS.

WINDOW SCHEDULE NOTES

NOTE: UNLESS OTHERWISE NOTED ALL WINDOWS SHALL BE VINYL OR FIBERGLASS PER OWNER. MANUFACTURERS DIRECTIONS SHALL BE FOLLOWED FOR INSTALLATION AND FRAMING DIMENSIONS. ALL WINDOWS SHALL BE DOUBLE GLAZED AND LOW E GLASS. SEE ELEVATIONS TO DETERMINE STYLE AND CONFIGURATION.

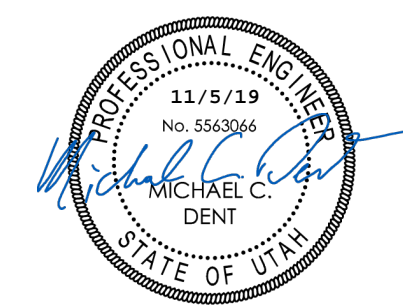
WALL SCHEDULE

TYPE	SHEATHING	NAIL SIZE	NAIL SPACING			STAPLE EQ.	BOTT. PL. TO RIM ATTACHMENT	RIM/BLOCK TO PL. ATTACHMENT BELOW DBL SIDED SHEAR WALLS
			EDGE	FIELD	FIELD			
TYPICAL	1/2" ONE SIDE	8d	6" O.C.	12" O.C.	16" @ 3" O.C.		16" @ 6" O.C.	LTP4 OR A35 @ 16" O.C.
SW-1	1/2" ONE SIDE	8d	4" O.C.	12" O.C.	16" @ 2" O.C.		16" @ 6" O.C.	LTP4 OR A35 @ 16" O.C.
SW-2	1/2" ONE SIDE	8d	3" O.C.	12" O.C.	NOT ALLOWED		4" SDS SCREWS @ 8" O.C. ^{1,2}	LTP4 OR A35 @ 12" O.C.
SW-3	1/2" ONE SIDE	8d	2" O.C.	12" O.C.	NOT ALLOWED		4" SDS SCREWS @ 8" O.C. ^{1,2}	LTP4 OR A35 @ 9" O.C.

NOTES:
1. 1/2" GAGE X 1-1/2" STAPLES MAY BE SUBSTITUTED FOR 8d NAILS AT 1/2" SPACING ON TYPICAL AND SW-1 WALLS.
2. WHERE SHEAR WALLS ARE INDICATED ON PLANS AT BOTH SIDES OF WALL, PROVIDE SHEATHING BOTH SIDES OF WALL (DBL SIDED SHEAR WALL) AND STAGGER EDGE NAILS.
3. PROVIDE 3X OR DBL 2X MEMBERS AT ADJOINING PANEL EDGES AT SW-2 AND SW-3 AND LAP SHEATHING 1/4" MIN. ONTO FRAMING MEMBERS AT PANEL EDGES.
4. AT TYPICAL AND SW-1 WALLS, LAP SHEATHING 3/4" ONTO FRAMING MEMBERS AT PANEL EDGES.
5. LAP SHEATHING 1/4" MIN. ONTO BILL PLATES ON FOUNDATIONS.
6. NAILS TO BE COMMON OR GALVANIZED BOX.
7. AT SINGLE SIDED SHEAR WALLS WHERE SHEATHING IS LAPPED TO CENTER OF RIM, WALL TOP PL. OR TO BILL PLATE BELOW 16" @ 6" O.C. MAY BE USED FOR WALL BOTTOM PLATE TO RIM ATTACHMENT.
8. USE 5" SCREWS FOR WALL PLATE TO RIM ATTACHMENT IF FLOOR SHEATHING IS GREATER THAN 3/4" THICK.
9. EDGE NAIL SHEATHING TO FOIBS AT HOLDDOVS WITH (2) ROUS EDGE NAILING.

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SHEET TITLE: MAIN LEVEL FLOOR PLAN
SHEET NUMBER: 9 OF 17
CLIENT: AADLAND
DRAWN BY: N. COOMBS
CHK'D BY: M. STEELE
ISSUE DATE: 10/29/2019
PLAN NUMBER: R1889
SHEET NUMBER: 9 OF 17

MAIN FLOOR	1889 SQ. FT.
GARAGE	1192 SQ. FT.
COVERED DECK	243 SQ. FT.
COVERED PORCH	108 SQ. FT.



TRUSS / GIRDER CONNECTION

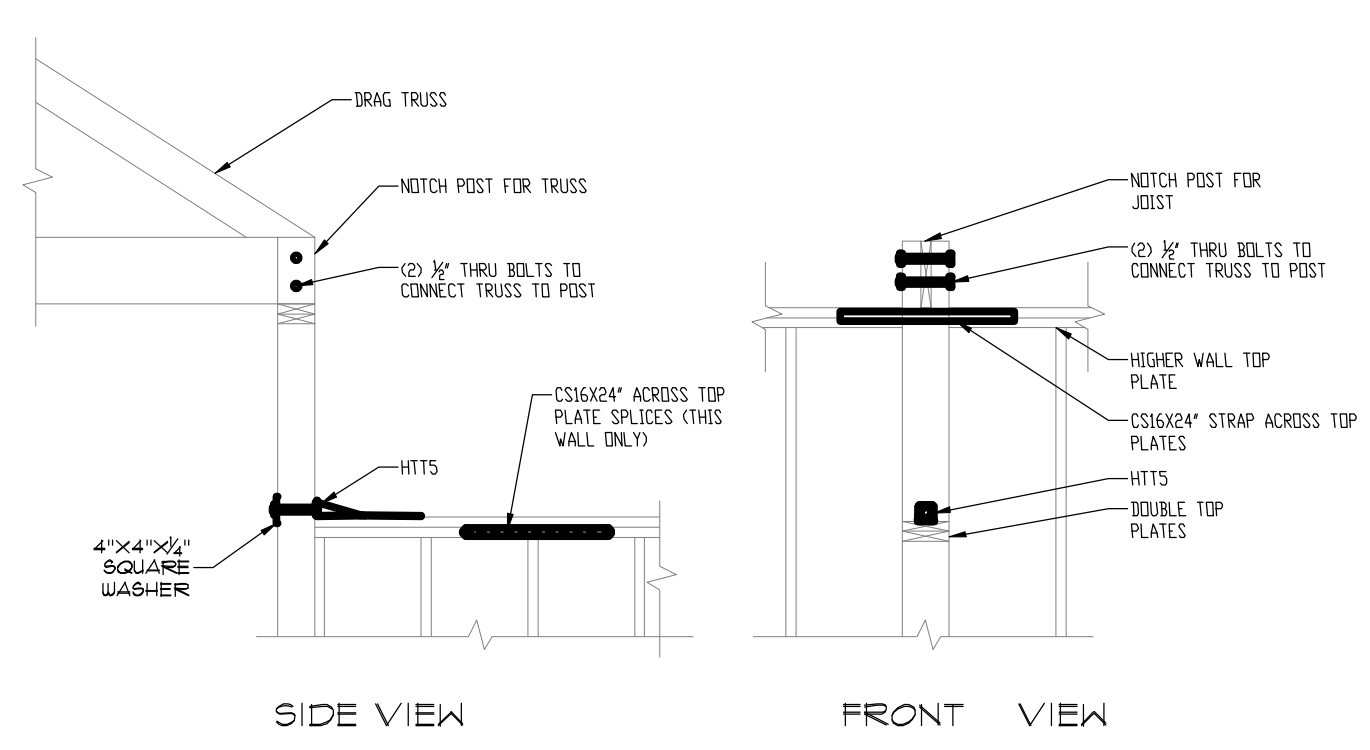
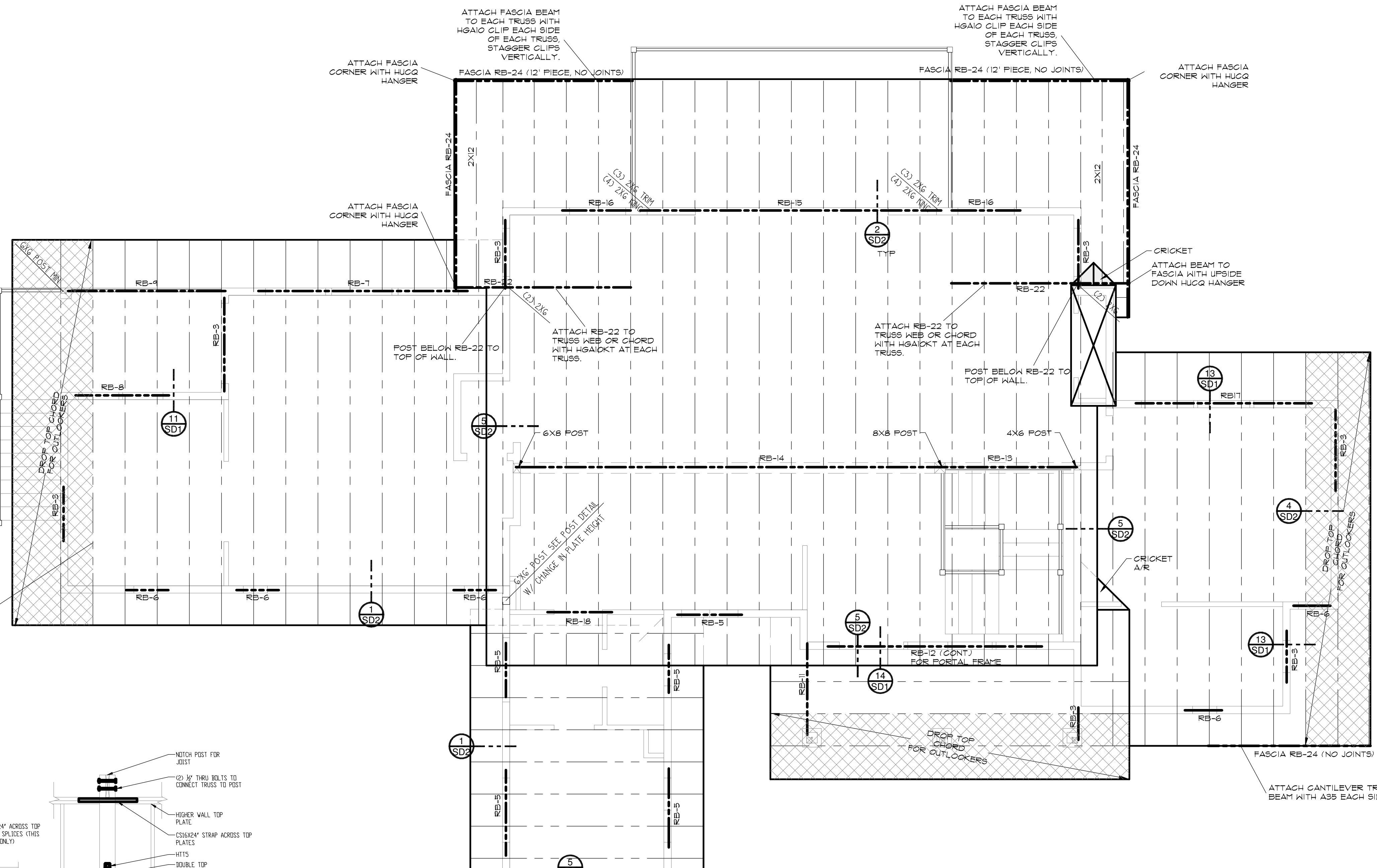
USE SIMPSON H1 OR EQUIVALENT TIES EACH END OF EACH TRUSS/JOIST. SEE ROOF TRUSS AT WOOD WALL DETAIL. AT GIRDERS, INSTALL TIES EACH END AS FOLLOWS:
-FOR UPLIFT UP TO 1060 LBS., USE H10A-2
-FOR UPLIFT UP TO 1665 LBS., USE LG2
-FOR UPLIFT UP TO 4940 LBS., USE VGT

HEADER TO TRIMMER/SIDING STUD CONNECTION

NAIL HEADER TO KING STUDS WITH C63 16d EACH END UNO. SEE PLAN.
-FOR HEADERS GREATER THAN 6" LONG, USE C2 LCE CLIPS OR PGZ OR BG POST CAP EACH END OF HEADER TO TRIMMER CORN. OR USE C516 STRIPS EACH SIDE OF HEADER TO TRIMMERS. SEE HEADER TO TRIMMER CONNECTION DETAIL.

FRAMING NOTES

- 1. SILL PLATE J-BOLTS SHALL HAVE A 3"x3"x1/4" WASHER AT EACH BOLT. IF SLOTTED WASHER IS USED, ADD CUT WASHER.
- 2. ALL FOUNDATION HOLDOWN STRAPS/ANCHORS SHALL BE ALIGNED WITH END OF SHEAR WALL AND/OR INTER LEVEL STRAP ABOVE (WHERE OCCURS) AND SHALL ATTACH TO FULL HEIGHT KING STUDS UNO. SEE PLAN. PROVIDE WOOD POST AT EACH HOLDOWN PER THE HOLDOWN SCHEDULE.
- 3. STRAPS CALLED OUT ON FLOOR AND FLOOR FRAMING PLANS ARE VERTICAL INTER LEVEL STRAPS AND SHALL BE CENTERED ON RM BOARD AND ALIGNED WITH END OF SHEAR WALL ABOVE AND ATTACHED TO FULL HEIGHT KING STUDS UNLESS NOTED OR SHOWN OTHERWISE. SEE PLANS.
- 4. WALL DBL TOP PLATES SHALL BE 2X MIN AND SHALL LAP 36" AT ALL SPLICES WITH C23 16d NAILS STAGGERED EACH SIDE OF SPLICE UNO. SEE PLAN, WHERE PLATES DO NOT LAP, PROVIDE C516K32 STRAP TO SPLICE PLATES, ALIGN WALL STUD WITH PLATE JOINTS.
- 5. PROVIDE DBL CANTILEVER FLOOR JOISTS BELOW C23 PLY COR MORE TRIMMERS/POSTS AND WHERE SHEAR WALL HOLDOWN STRAPS ARE INDICATED.
- 6. ATTACH C23 PLY HEADERS TOGETHER WITH C33 16d AT 12" O.C. (C23 16d OK FOR 2X6 HEADERS). USE C33 16d AT 12" O.C. EACH SIDE FOR C33 PLY HEADERS. USE C43 16d AT C23 AND C33 PLY HEADERS WHEN HEADER HEIGHT IS GREATER THAN 11". ATTACH C43 PLY HEADERS TOGETHER WITH C23 THROUGH BOLTS AT 16" O.C. OR C23 S05 1/4" X 6" SCREWS AT 16" O.C. EACH SIDE OF HEADER UNO. SEE PLAN.
- 7. SEE BEARING WALL CONSTRUCTION TABLE FOR WALL FRAMING REQUIREMENTS.
- 8. EDGE NAIL SHEATHING TO ALL DRAG MEMBERS.
- 9. WHEN CHIMNEY IS SUPPORTED BY ROOF/FLOOR FRAMING TRUSSES/JOIST MFR TO DESIGN TRUSSES/JOISTS TO SUPPORT CHIMNEY WEIGHT INCLUDING VENEER WHERE OCCURS. CHIMNEYS CANTILEVERING MORE THAN 4' ABOVE ROOF SHALL BE FRAMED WITH 2X6 @ 12" O.C. USE 1.5L 2X6 @ 12" O.C. FOR CHIMNEYS EXTENDING MORE THAN 8' ABOVE THE ROOF. CHIMNEYS EXTENDING MORE THAN 10' ABOVE THE ROOF SHALL BE LATERALLY BRACED (WITHIN 4' OF CHIMNEY TOP) TO THE ROOF FRAMING WITH CABLES OR RODS ANCHORED TO RESIST SEISMIC AND WIND LOADS. CHIMNEYS THAT EXTEND MORE THAN 6' ABOVE THE ROOF AND ARE SUPPORTED BY ROOF FRAMING (FRAMING DOES NOT EXTEND CONTINUOUS THROUGH ROOF) SHALL HAVE A MSTC4803 ANCHOR AT EACH CORNER CHOOKED UNDER ROOF JOIST OR TRUSS TOP CHORD.
- 10. ATTACH STEEL BEAMS TO WOOD POSTS PER BEAM POCKET IN WOOD WALL DETAIL.



POST DETAIL W/ CHANGE IN PLATE HEIGHT

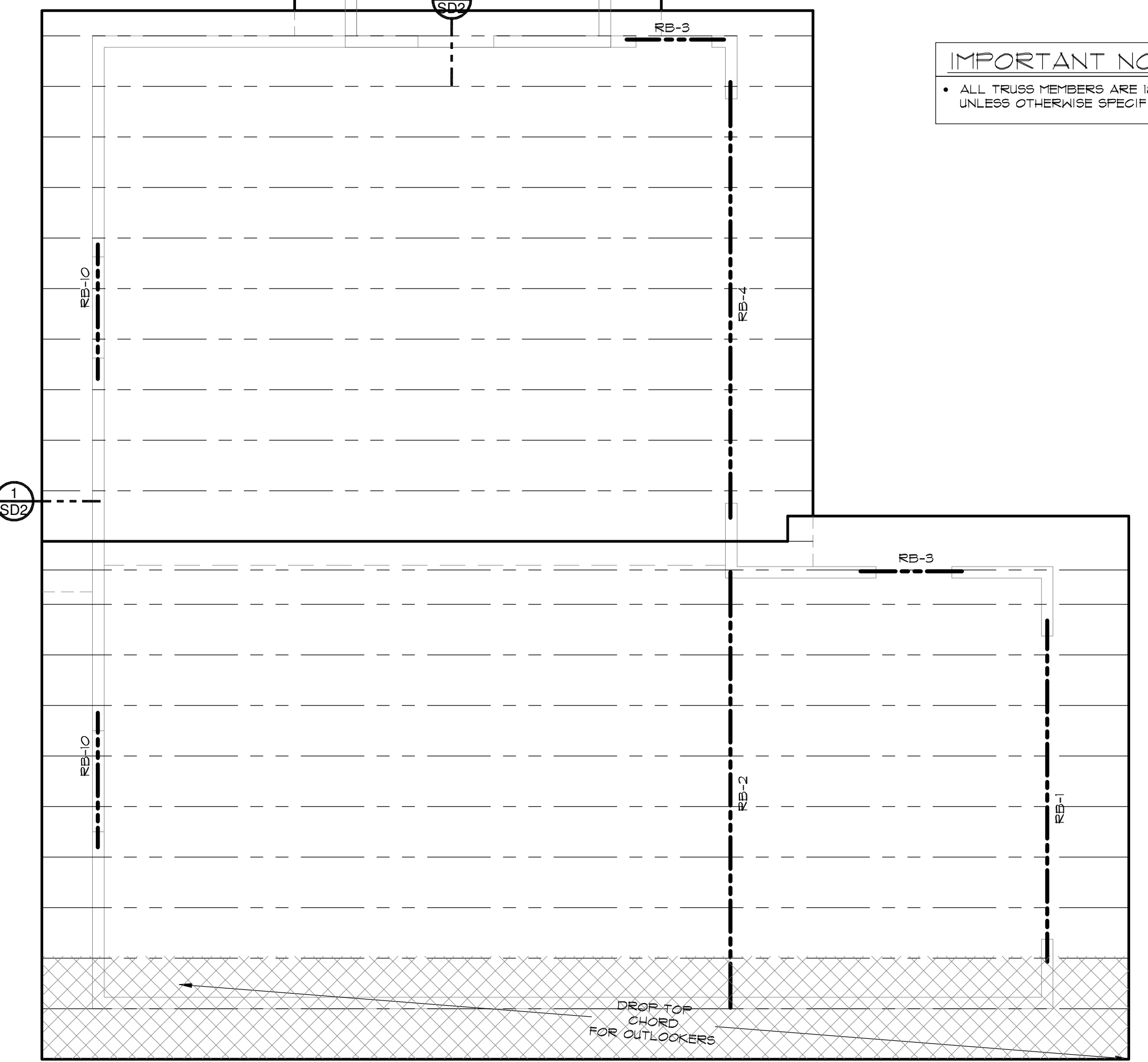
SHEATHING NOTES

- 1. STAGGER ROOF AND FLOOR SHEATHING JOINTS. SEE ROOF SHEATHING LAYOUT DETAIL.
 - 2. INSTALL ROOF AND FLOOR SHEATHING WITH LONG DIMENSION PERPENDICULAR TO TRUSSES/JOISTS UNO. SEE PLAN. SHEATHING INSTALLED WITH LONG DIMENSION PARALLEL TO JOISTS/TRUSSES SHALL BE 5 PLY PLYWOOD CONFORMING TO APA STANDARD PS-1.
 - 3. NAILS SHALL BE * MIN FROM SHEATHING EDGE.
 - 4. ALL FLOOR AND ROOF SHEATHING PEGS SHALL BE 48" X 48" MN.
 - 5. PROVIDE EDGE NAILING AT ALL SUPPORTED AND BLOCKED PANEL EDGES AND PER DETAILS.
- WALL SHEATHING:** 7/16" APA RATED 24/16 MN. UNO. SEE PLAN. ALL EXTERIOR WALLS AND VERTICAL SURFACES SHALL BE SHEATHED WITH SHEATHING MANUFACTURED WITH EXTERIOR GLUE. SEE PLANS AND SHEAR WALL SCHEDULE FOR NAILING REQUIREMENTS.
- ROOF SHEATHING:** 7/16" APA RATED 24/16 MN. WITH 8d NAILS AT 6" O.C. EDGE NAILING AND 12" O.C. FIELD NAILING FOR ROOF SNOW LOAD LESS THAN OR EQUAL TO 40 PSF. FOR ROOF SNOW LOAD GREATER THAN 40 PSF USE 5/8" APA RATED 40/20 MN. WITH 10d NAILS AT 6" O.C. EDGE NAILING AND 12" O.C. FIELD NAILING UNO. SEE PLAN.
- FLOOR SHEATHING:** 3/4" T+G APA RATED 40/20 MN. C48/24 WHEN FLOOR TRUSSES/JOISTS ARE AT 24" O.C. WITH 8d NAILS AT 6" O.C. EDGE NAILING AND 12" O.C. FIELD NAILING UNO. SEE PLAN. GLUE SHEATHING TO JOISTS/TRUSSES WITH ADHESIVE CONFORMING TO APA SPECIFICATIONS.

IMPORTANT NOTE:

- THE ROOF FRAMING PLAN INFORMATION PRESENTED HEREIN IS FOR INFORMATION ONLY. THE ACTUAL ROOF FRAMING PLAN DESIGN SHALL BE THE RESPONSIBILITY OF THE ROOF TRUSS MANUFACTURER AND STRUCTURAL ENGINEER. HABITATIONS MAKES NO GUARANTEE TO THE PLAN ACCURACY OR COMPLETENESS AND ASSUMES NO LIABILITY FOR SUCH. THE GENERAL CONTRACTOR/ROOFING CONTRACTOR SHALL DETERMINE RAIN GUTTERS/ DRAIN SPOUT REQUIREMENTS AND LOCATION OF SUCH AS WELL AS AREAS OF ROOF CRICKETS AND ROOF DRAINAGE/ FLASHING AND MEMBRANE LOCATIONS TO ADDRESS DRAINAGE ISSUES AT THE LOCATIONS.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO TRUSS MANUFACTURING.
- THE TRUSS MANUFACTURER IS REQUIRED TO CONTACT THE OWNER/CONTRACTOR IF THERE ARE ANY ISSUES DISCOVERED ON THE ROOF FRAMING PLAN DURING THE TRUSS DESIGN, PRIOR TO TRUSS MANUFACTURE. NO CHANGES WILL BE ALLOWED TO BE MADE TO THE FOLLOWING: ROOM CEILING HEIGHTS, VAULTS, INTERIOR OR EXTERIOR PITCHES OR FASCIA HEIGHTS WITHOUT RECEIVING APPROVAL.
- TRUSSES SHALL BE DESIGNED FROM APPROVED HARD COPY PLANS WITH THE RED AUTHORIZATION STAMP ONLY. THE OWNER/CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL SUBCONTRACTORS AND SUPPLIERS INCLUDING THE TRUSS MANUFACTURER HAVE THE MOST CURRENT AND UP TO DATE PLANS IN STAMPED AND APPROVED HARD COPY FORMAT PRIOR TO COMMENCING WITH CONSTRUCTION. FIELD MEASUREMENTS SHALL BE MADE AND VERIFIED PRIOR TO THE FINAL TRUSS DESIGN COMPLETION AND MANUFACTURE. TRUSSES SHALL NOT BE DESIGNED OR CONSTRUCTED FROM ELECTRONIC OR PDF TYPE DOCUMENTS.

IMPORTANT NOTE:
ALL TRUSS MEMBERS ARE 16" ROOF TRUSSES (PER MANUFACTURER) @ 24" O.C. UNLESS OTHERWISE SPECIFIED (SEE ROOF TRUSS MANUF. LAYOUT).



ROOF BEAM SCHEDULE

- RB-1: (2) 1 3/4" X 11 7/8" LVL
- RB-2: (3) 1 3/4" X 18" LVL
- RB-3: (2) 2X6s
- RB-4: (3) 1 3/4" X 16" LVL
- RB-5: (2) 2X6s
- RB-6: (2) 2X8s
- RB-7: (2) 1 3/4" X 11 7/8" LVL
- RB-8: (2) 2X10s
- RB-9: (2) 1 3/4" X 9 1/2" LVL
- RB-10: (2) 2X8s
- RB-11: (2) 2X10s
- RB-12: (2) 1 3/4" X 11 7/8" LVL
- RB-13: (3) 1 3/4" X 11 7/8" LVL
- RB-14: 5" X 27" GLB OR W10X88 STEEL OR W14X53 STEEL
- RB-15: 5" X 24" GLB
- RB-16: (2) 2X10S
- RB-17: (2) 1 3/4" X 11 7/8" LVL
- RB-18: (2) 2X10s
- RB-19: (2) 1 3/4" X 11 7/8" LVL
- RB-20: NOT USED
- RB-21: (2) 1 3/4" X 14" LVL
- RB-22: (2) 2X12 - 12' LONG
- RB-23: NOT USED
- RB-24: (2) 2X12, 10' PIECE MIN (UNO, SEE PLAN)

LEGEND



OVERBUILD NOTE:
OVERBUILDS SHALL BE CONSTRUCTED BY SHEATHING THE LOWER ROOF THEN NAILING A 2X10 FLAT WITH (2)16d NAILS @ 24" O.C. IN THE VALLEY OF THE OVERBUILD. THE OVERBUILD SHALL THEN BE FRAMED ON THE 2X10 USING 2X6 ROOF JOISTS @ 24" O.C. AND WITH 2X6 KICKERS AT 4'-0" O.C. FROM EACH 2X6 ROOF JOIST DOWN TO THE TRUSSES OR ROOF JOISTS BELOW.

DESIGN CRITERIA

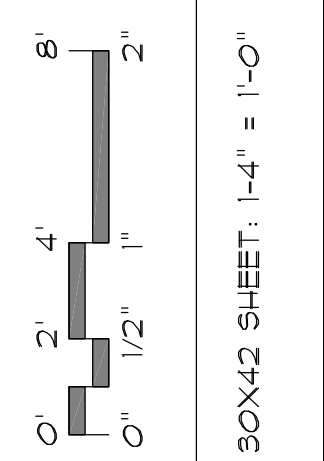
GOVERNING CODE	2018 IBC
SEISMIC	CATEGORY D2
	R = 1.00
	R = 6.5
	R = 1.04
ULT. WIND SPEED (3-SECOND GUST)	15 MPH
	EXPOSURE C
ROOF LOADS	DEAD 15 PSF
	SNOW 55 PSF
	DEFLECTION LL+L/360 TL+L/240
FLOOR LOADS	DEAD 12 PSF
	LIVE 40 PSF
	DEFLECTION LL+L/360 TL+L/240
DECK LOADS	DEAD 12 PSF
	LIVE 40 PSF
SOIL BEARING PRESSURE	1500 PSF
EQUIVALENT FLUID PRESSURE	38 PCF

NOTE: THIS ENGINEERING DESIGN ASSUMES THE LOADS AND CRITERIA LISTED ABOVE. CONTRACTOR SHALL REVIEW THE LOADS AND CONTACT YORK ENGINEERING PRIOR TO CONSTRUCTION IF ANY ADJUSTMENTS ARE REQUIRED. THE LOADS ABOVE ASSUME NO RADIANT HEAT FLOORING. SOIL REPORT, IF AVAILABLE, SHALL BE REVIEWED BY YORK ENGINEERING PRIOR TO CONSTRUCTION. IF NO SOILS REPORT IS AVAILABLE, THIS DESIGN ASSUMES THE SOIL PRESSURE ABOVE AND THAT NO LIQUEFACTION, EXPANSIVE, SLOPE STABILITY OR OTHER ADVERSE CONDITIONS EXIST.

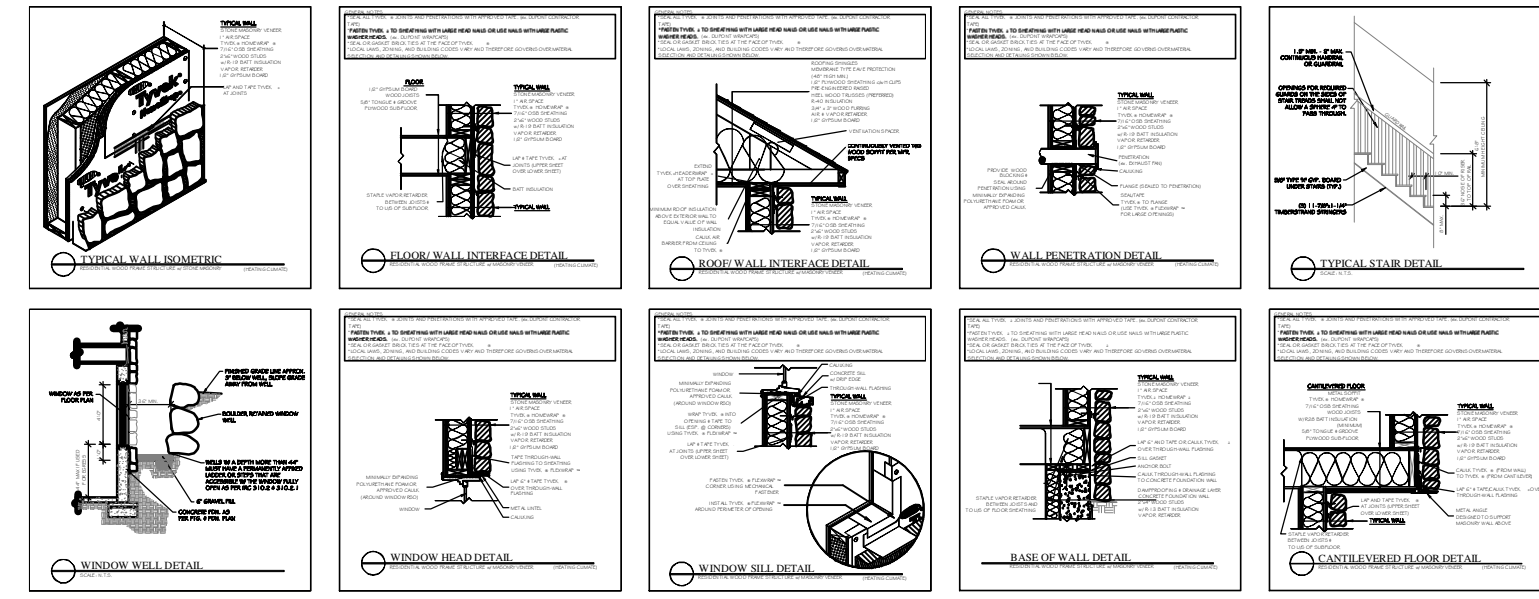
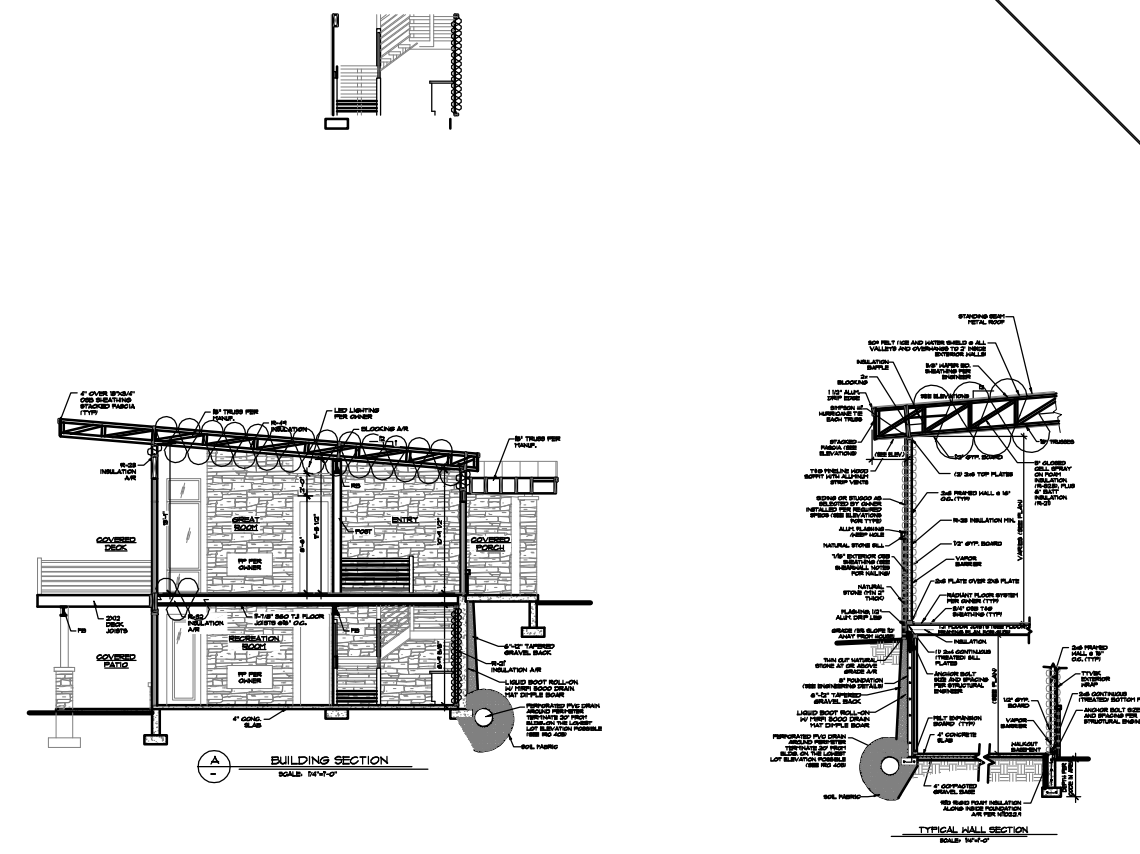
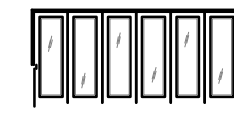
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SHEET TITLE
ROOF FRAMING PLAN



CLIENT: AADLAND
DRAWN BY: N. COOMBS
CHK'D BY: M. STEELE
ISSUE DATE: 10/29/2019
PLAN NUMBER: R1889
SHEET NUMBER: 10 OF 17



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BUILDING SECTIONS / DETAILS

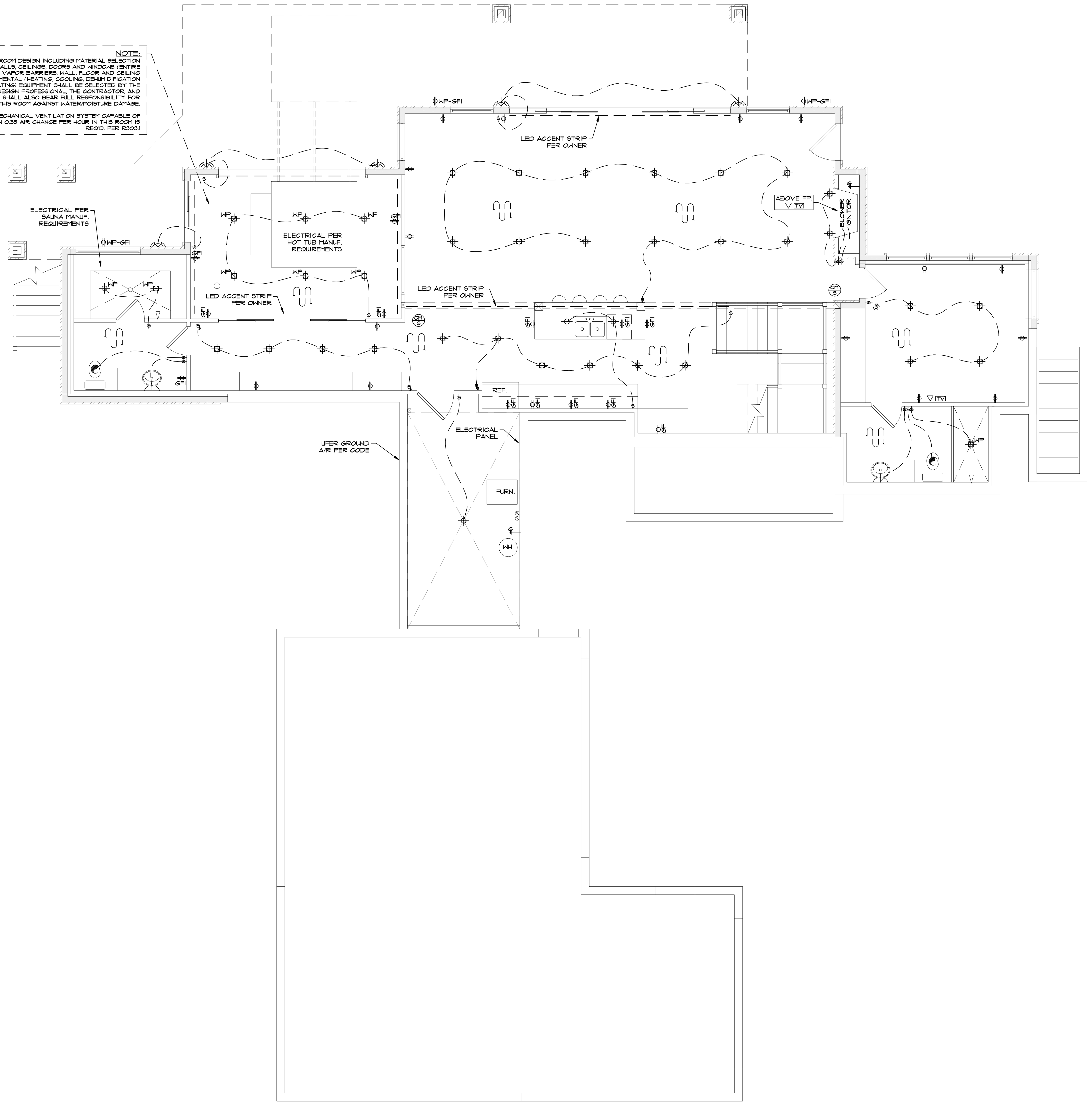
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 DRAWN BY:
 N. COOMBS
 CHECKED BY:
 M. STEELE
 ISSUE DATE:
 10/29/2019
 PLAN NUMBER:
 R1889
 SHEET NUMBER:
 B1 OF 17

ELECTRICAL LEGEND	
ID	DESCRIPTION
	110 VOLT RECEPTACLE
	220 VOLT RECEPTACLE
	110 GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
	110 GROUND FAULT RECEPTACLE (WATER PROOF)
	RECESSED (CAN) LIGHTING
	STD. LIGHTING
	STD. LIGHT EQUIPPED W/ FULL CHAIN
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	SINGLE POLE SWITCH W/DIMMER
	PHONE / DATA RECEPTACLE
	TELEVISION RECEPTACLE (COAXIAL CABLE)
	SMOKE DETECTOR (SEE NOTE AT BOTTOM)
	CARBON MONOXIDE DETECTOR / SMOKE ALARM
	FLOURESCENT FIXTURE (SURFACE MOUNTED)
	FLOURESCENT FIXTURE (RECESSED)
	WALL MOUNTED SCENCE
	MOTION SENSITIVE FLOOD LIGHTS
	ELECTRIC VENT FAN
	CEILING FAN W/ LIGHTS
	IN FLOOR 110 VOLT RECEPTACLE
	STAIR LIGHT FIXTURE
	EXTERIOR RECESSED LIGHTING (WATER PROOF)
	UNDER COUNTER LIGHTS
	EXTERIOR WEATHER PROOF WALL MOUNTED SCENCE

MECHANICAL LEGEND	
ID	DESCRIPTION
	AIR RETURN REGISTER
	AIR SUPPLY REGISTER (14"x4" IN FLOOR)
	AIR SUPPLY REGISTER (14"x4" IN CEILING)
	NATURAL GAS COOK
	POTABLE WATER HOSE BIB (ANTI-SYPHON DEVICE)
	RADIANT HEAT TUBING IN CONCRETE

NOTE: RETURN / DISTRIBUTION DUCTING NOT SHOWN

NOTE:
 ENTIRE POOL ROOM DESIGN INCLUDING MATERIAL SELECTION FOR FLOORS, WALLS, CEILING, DOORS AND WINDOWS (ENTIRE ENVELOPE), IE VAPOR BARRIERS, HALL, FLOOR AND CEILING FINISHES, ENVIRONMENTAL, HEATING, COOLING, DEHUMIDIFICATION AND WATER HEATING EQUIPMENT SHALL BE SELECTED BY THE POOL ROOM DESIGN PROFESSIONAL, THE CONTRACTOR, AND OWNER. WHOEVER SHALL ALSO BEAR FULL RESPONSIBILITY FOR PROTECTING THIS ROOM AGAINST WATER/MOISTURE DAMAGE. AN APPROVED MECHANICAL VENTILATION SYSTEM CAPABLE OF PRODUCTION 0.35 AIR CHANGE PER HOUR IN THIS ROOM IS REQ'D. PER R302.1



- ELECTRICAL NOTES:**
- UNDERGROUND ELECTRICAL SERVICE SHALL BE INSTALLED IN 2" RIGID RISER WITH 2" RIGID ELBOW ATTACHED TO 2" PVC ELECTRICAL DUCT TO WITHIN 1 FOOT OF PEDESTAL AND BURIED A MINIMUM 18" DEEP.
 - SUPPLY DUCTS IN FLOOR MUST BE INSULATED W/ A MIN. OF R-8 INSULATION.
 - ALL RECEPTACLES IN THE DEHELLING UNIT ARE TO BE TAMPER RESISTANT RECEPTACLES.
 - SMOKE DETECTORS SHALL BE WIRED IN SERIES ON SEPARATE CIRCUIT W/ BATTERY BACKUP.
 - CARBON MONOXIDE ALARMS SHALL BE INSTALLED ON EACH HABITABLE LEVEL OF A DEHELLING UNIT EQUIPPED WITH FUEL BURNING APPLIANCES. THESE SHALL COMPLY WITH ANSI/DL 2094-2009 AND INSTALLED IN ACCORDANCE WITH PROVISIONS OF THIS STANDARD.
 - ALL EXTERIOR FIXTURES TO BE DARK SKY COMPLIANT
- ALL GARAGE DOOR & SOFFIT RECEPTACLES SHALL BE GFCI PROTECTED AND BE MADE READILY ACCESSIBLE
 - ALL ELECTRICAL PER THE IRC 2018

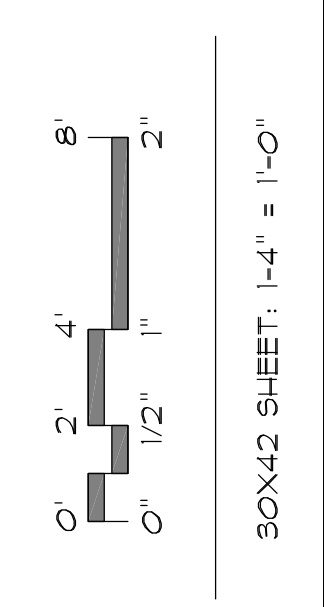
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LOWER LEVEL ELECTRICAL / HVAC PLAN
 50x42 SHEET, 1/4" = 1'-0"
 CLIENT: AADLAND
 DRAWN BY: N. COOMBS
 CHECKED BY: M. STEELE
 ISSUE DATE: 10/29/2019
 PLAN NUMBER: 71889
 SHEET NUMBER: 11 OF 17

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SHEET TITLE
MAIN LEVEL ELECTRICAL / HVAC PLAN



CLIENT:
 AADLAND
 DRAWN BY:
 N. COOMBS
 CHECKED BY:
 M. STEELE
 ISSUE DATE:
 10/29/2019
 PLAN NUMBER:
 71889
 SHEET NUMBER:
 E2 OF 17

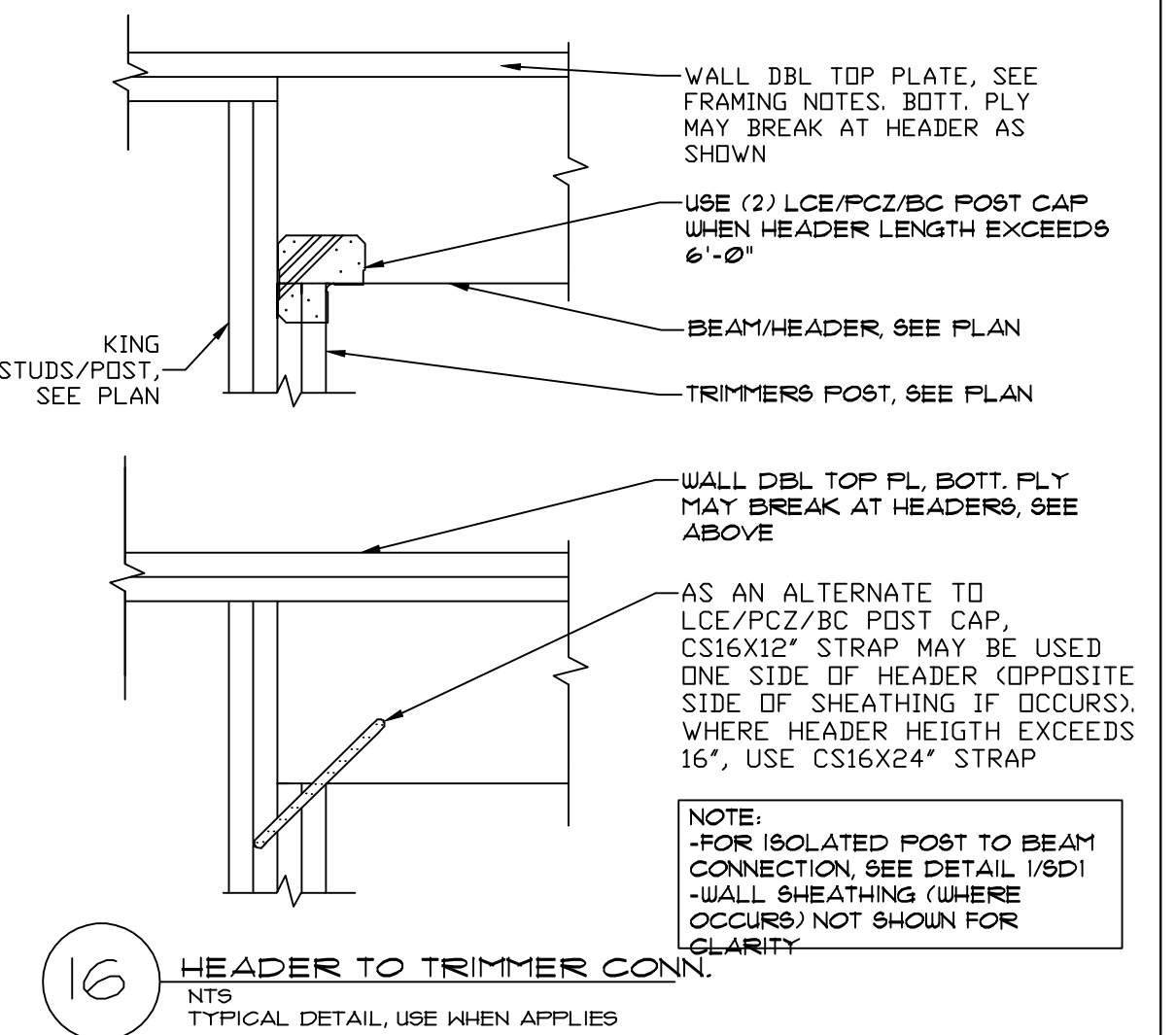
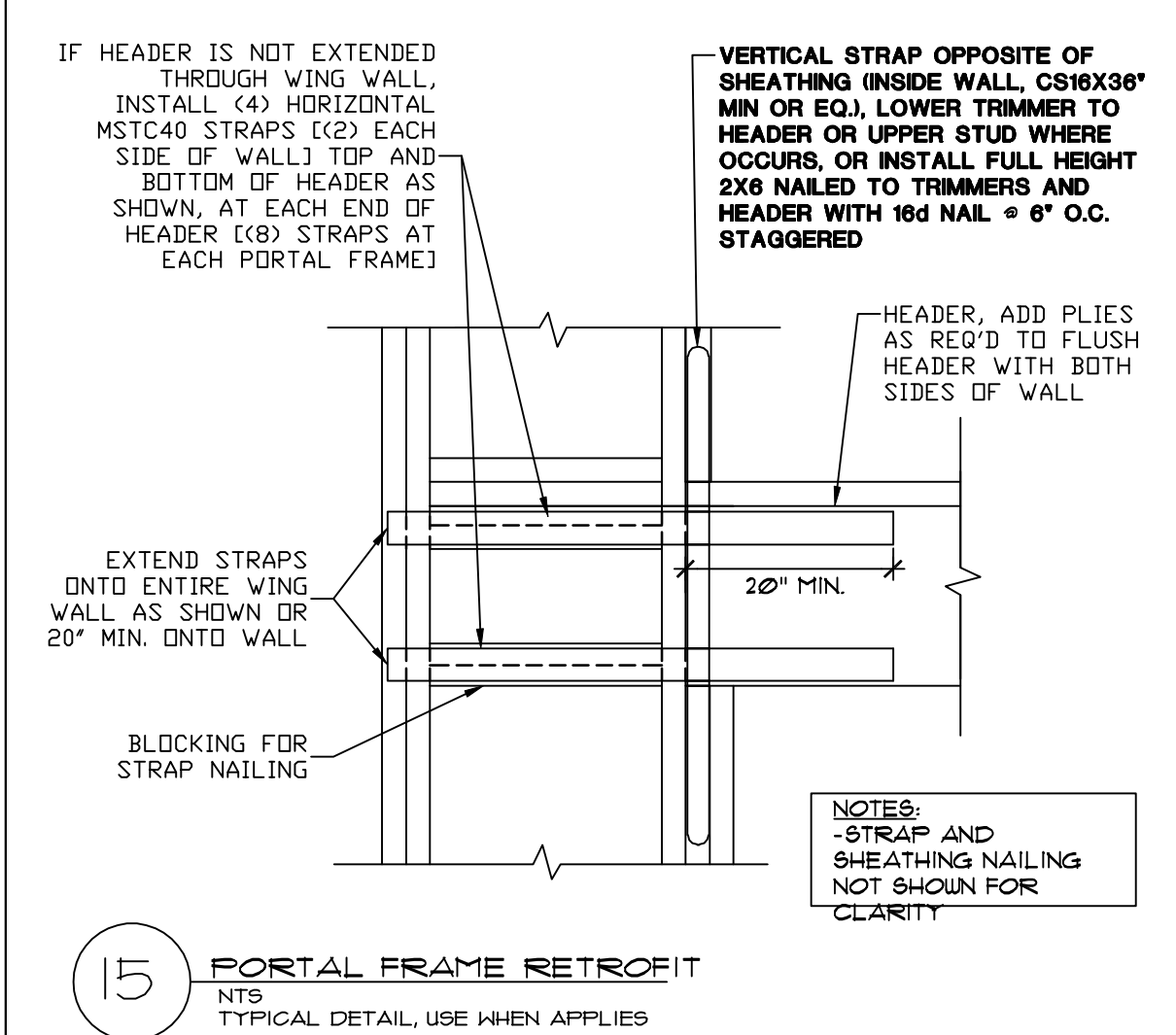
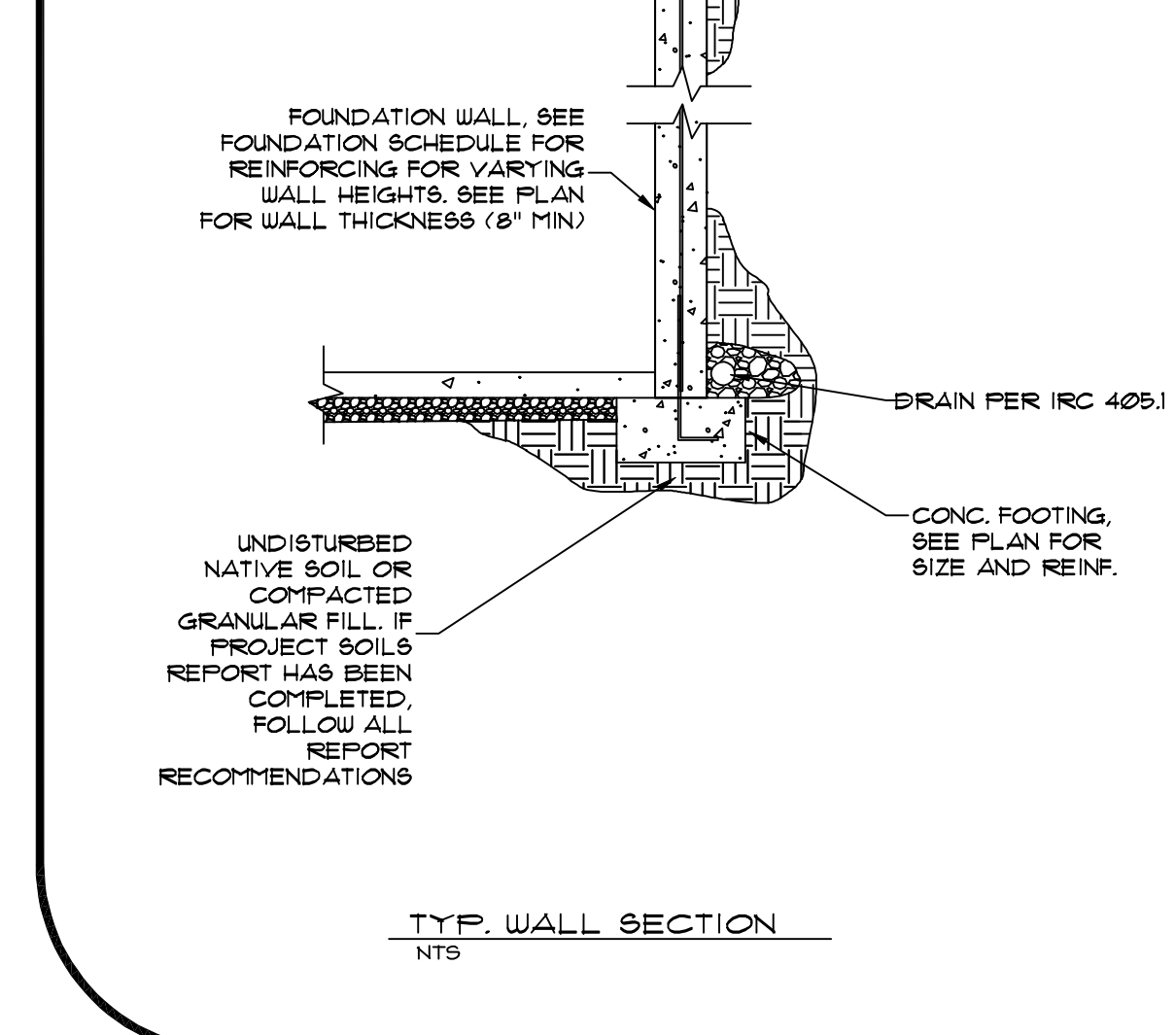
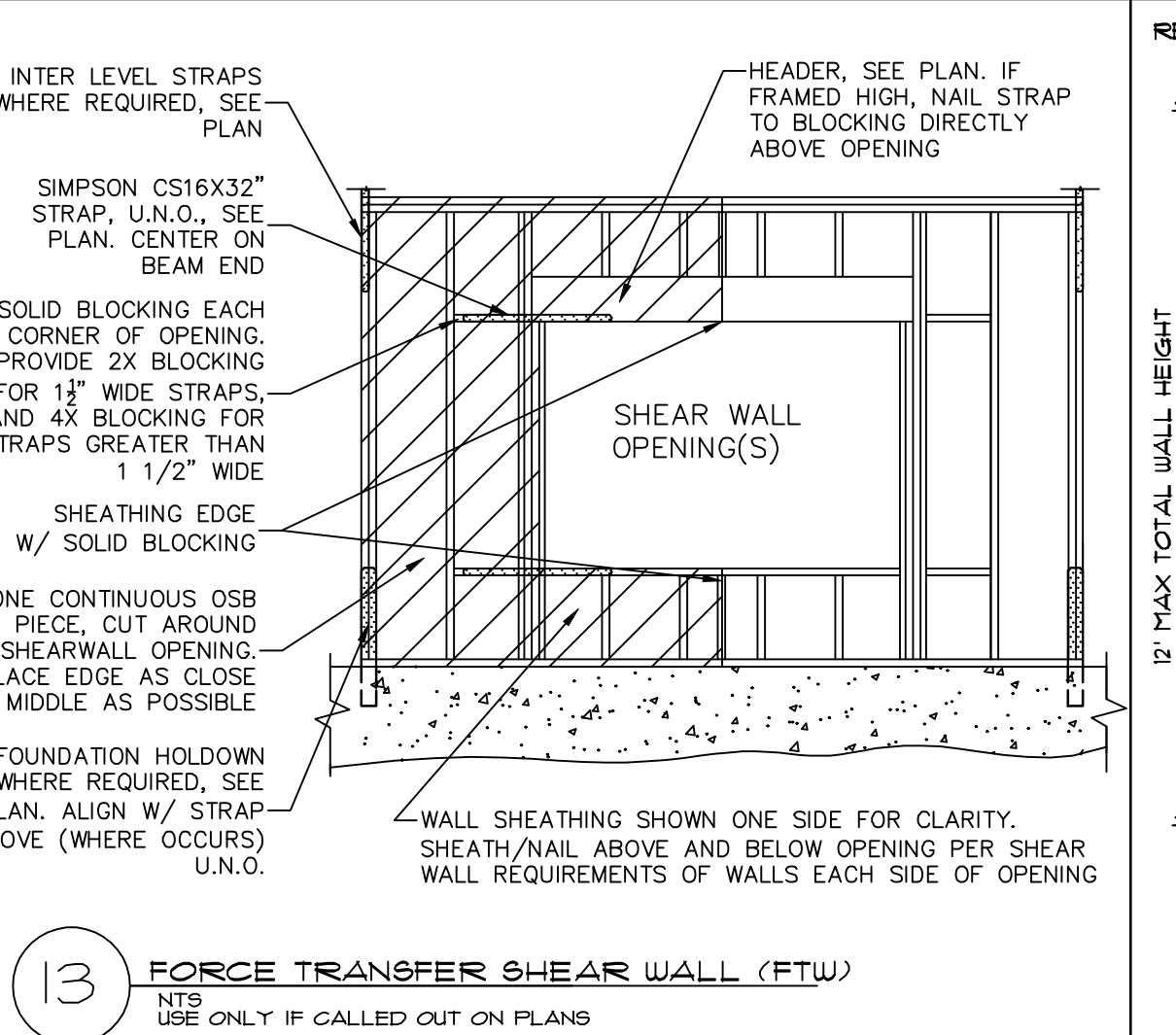
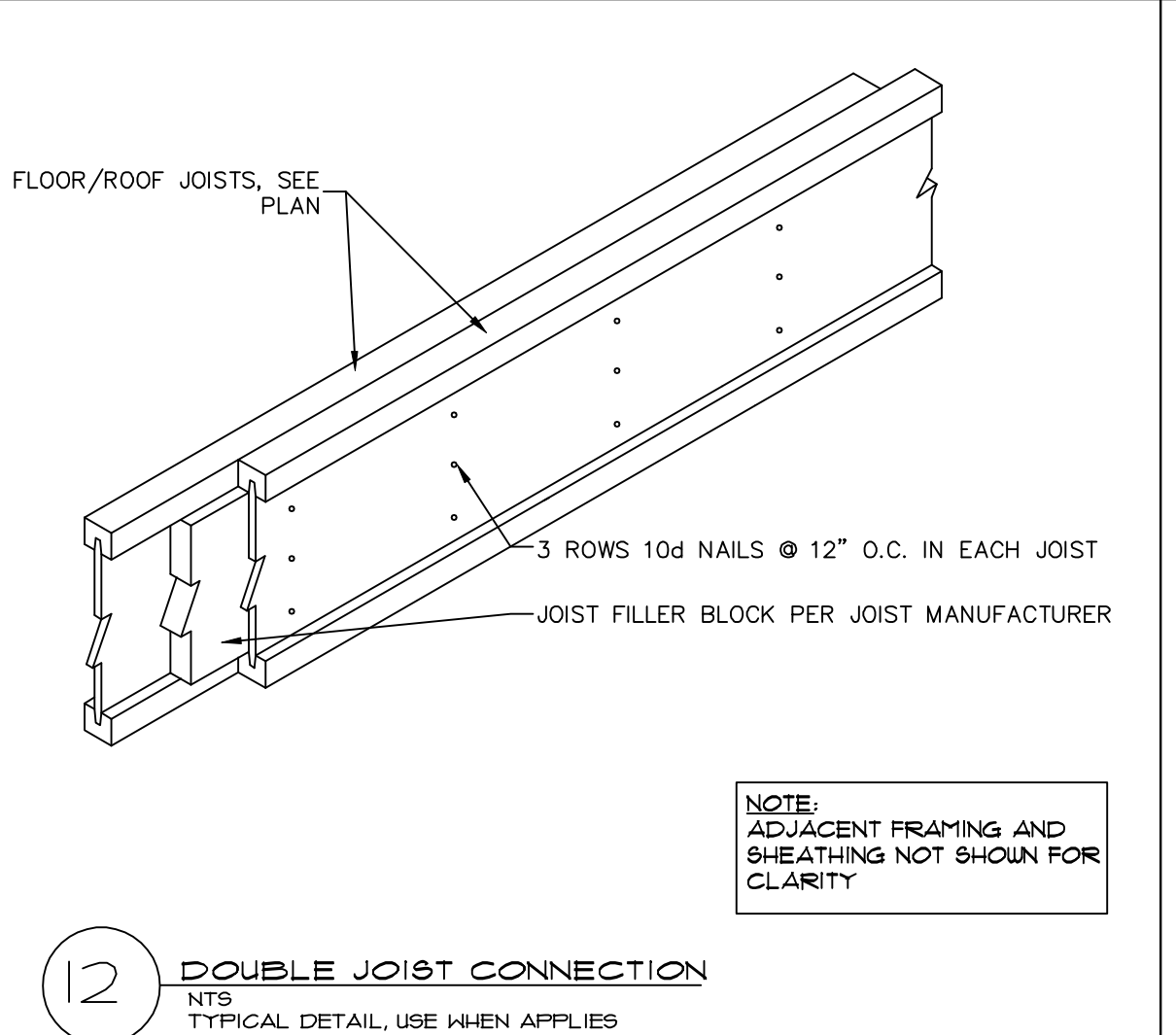
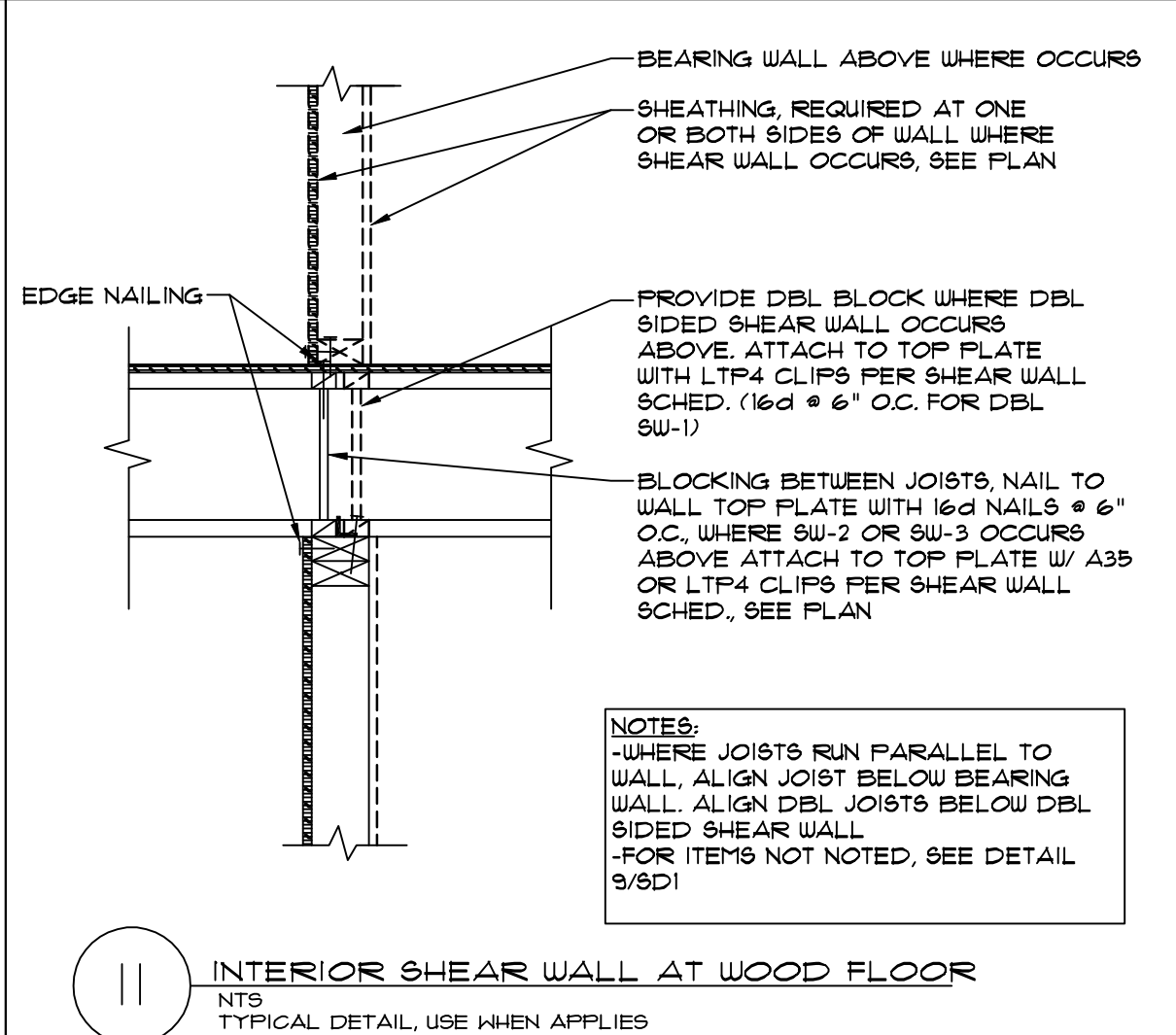
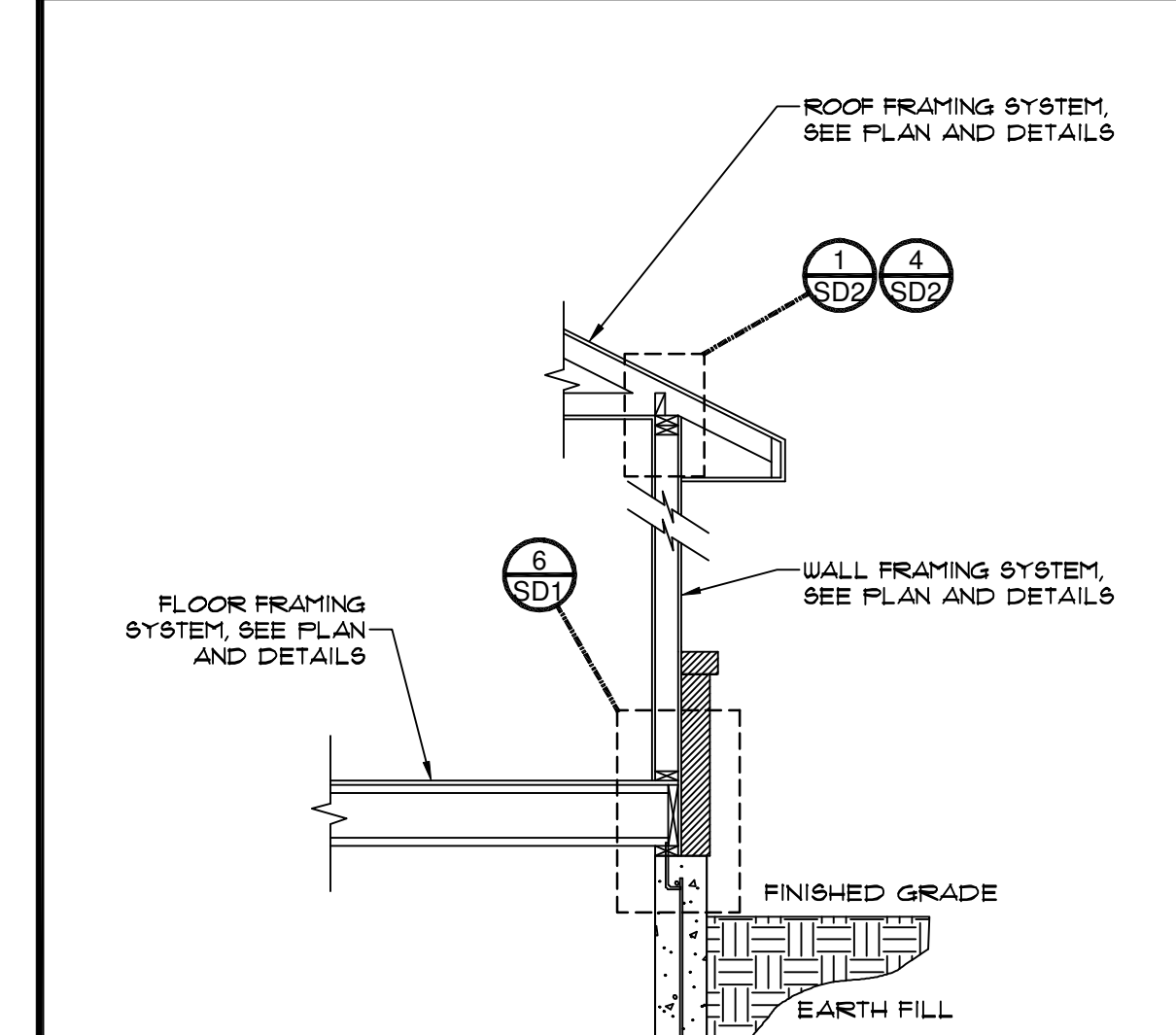
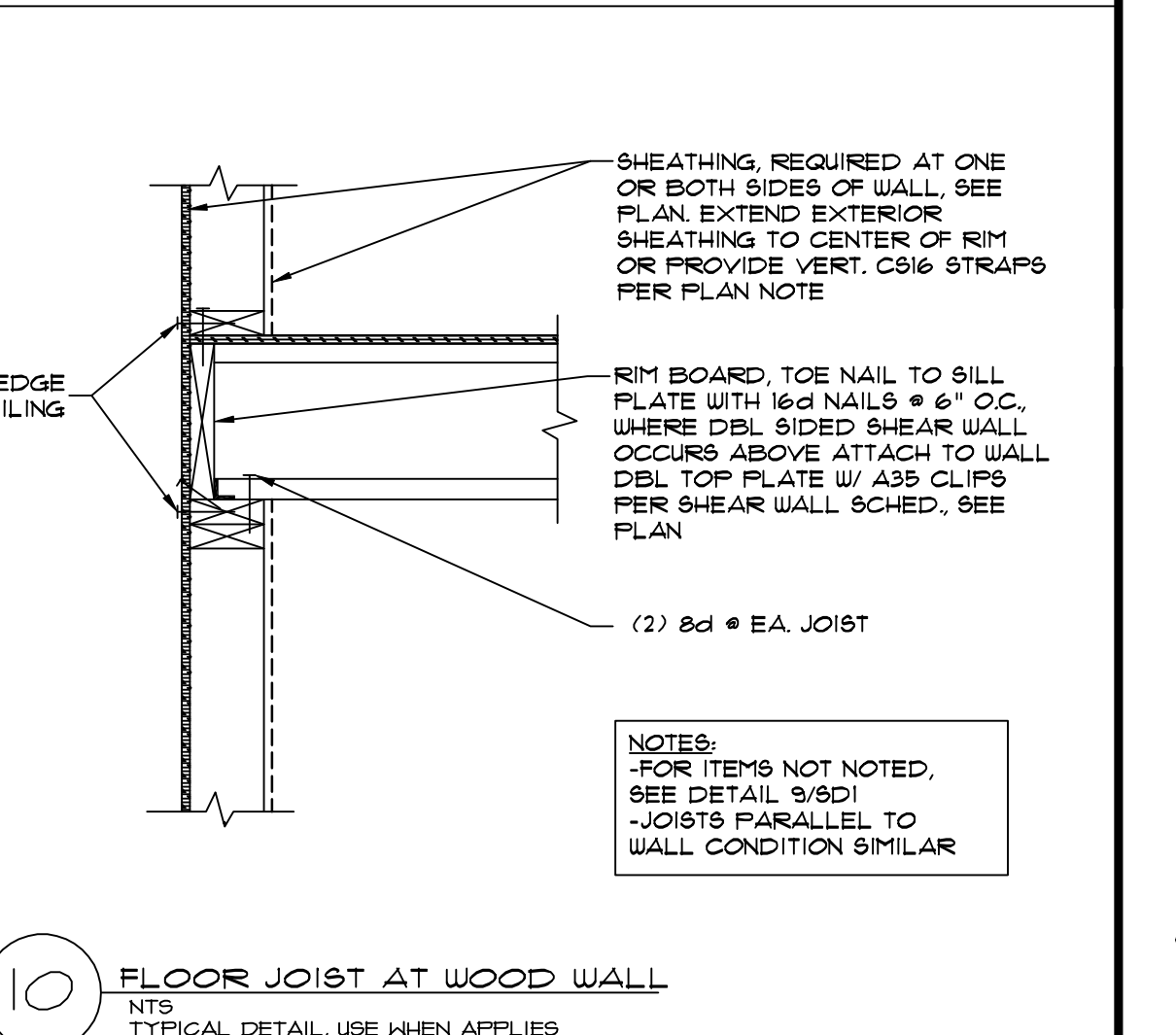
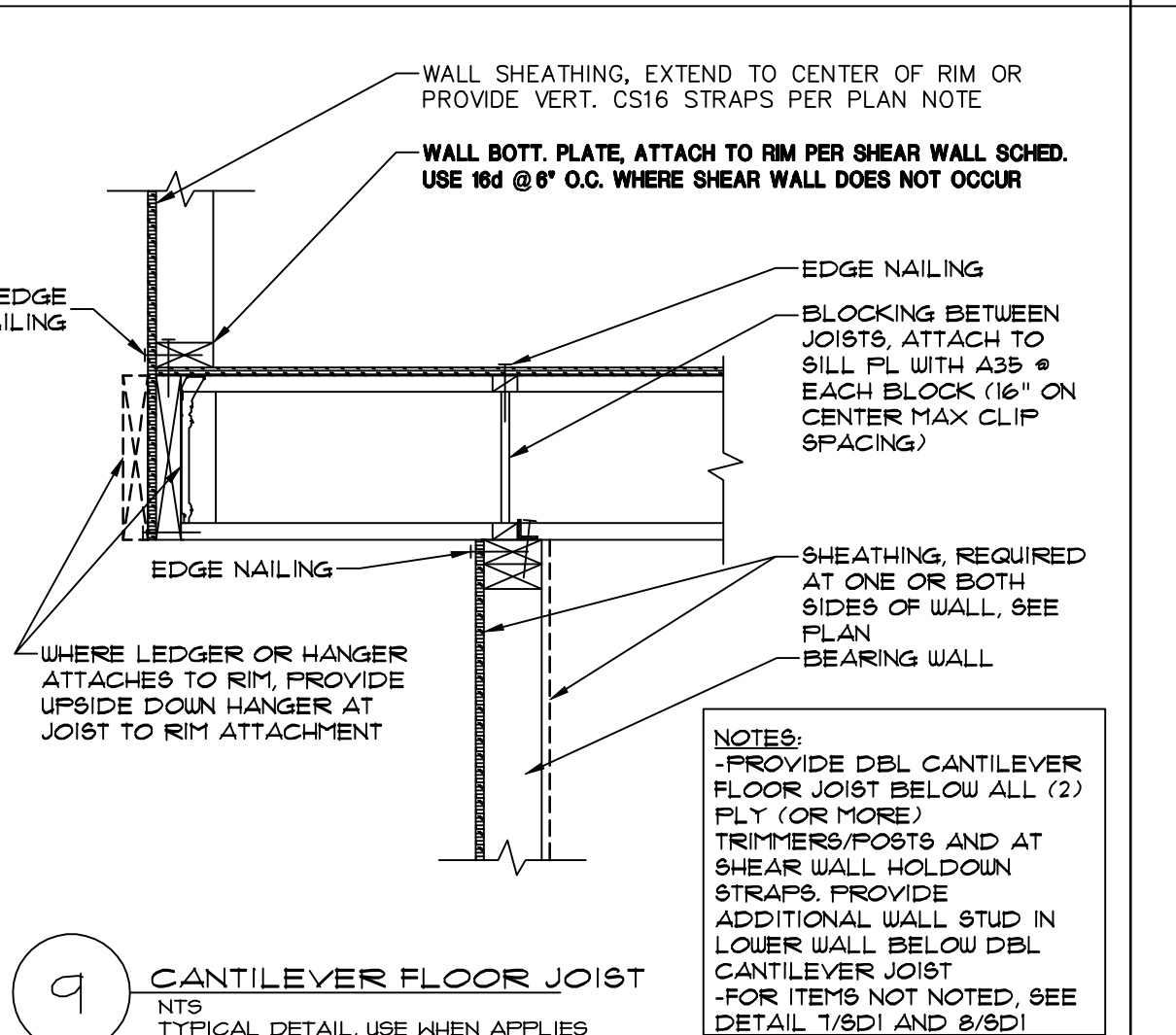
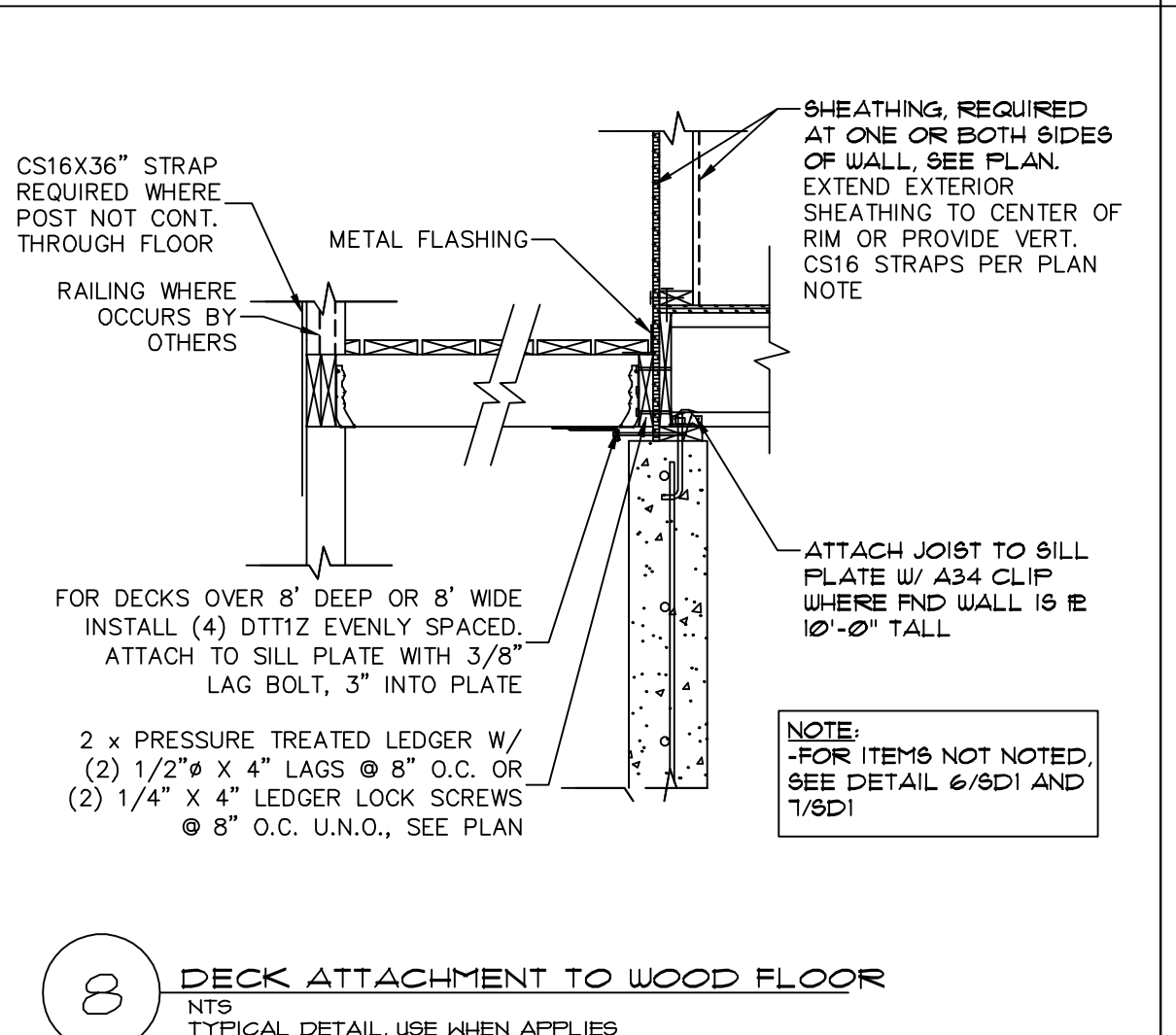
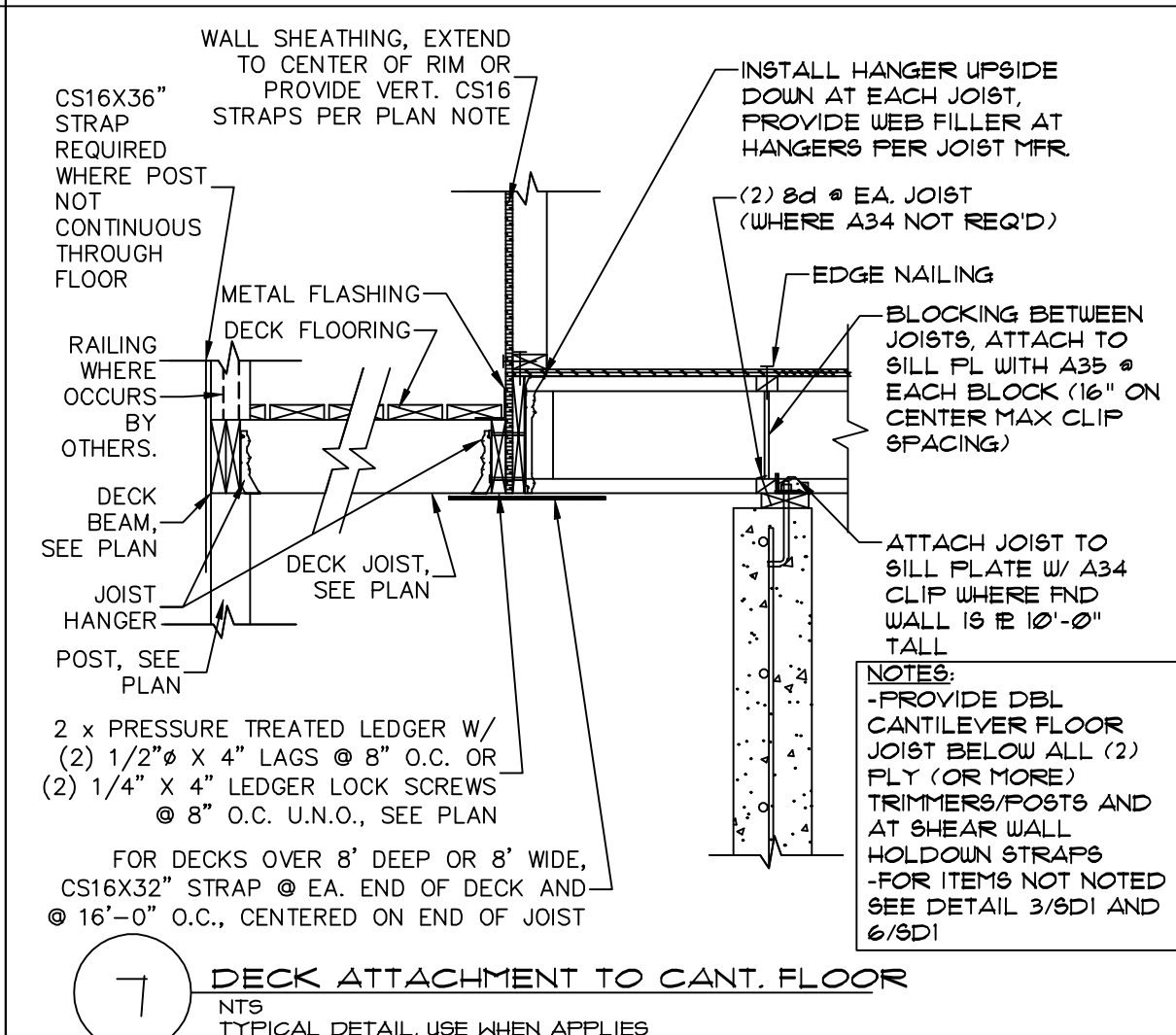
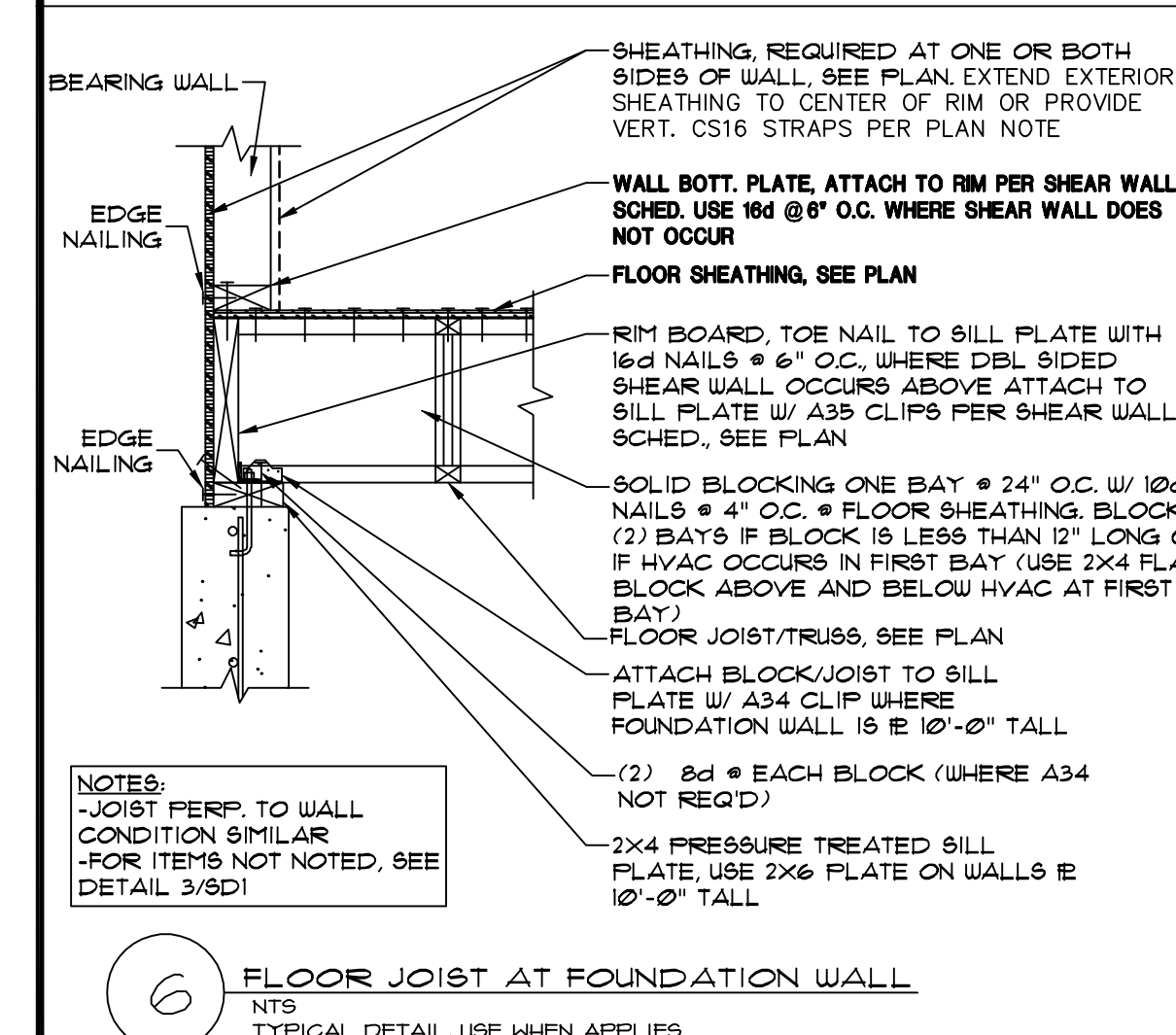
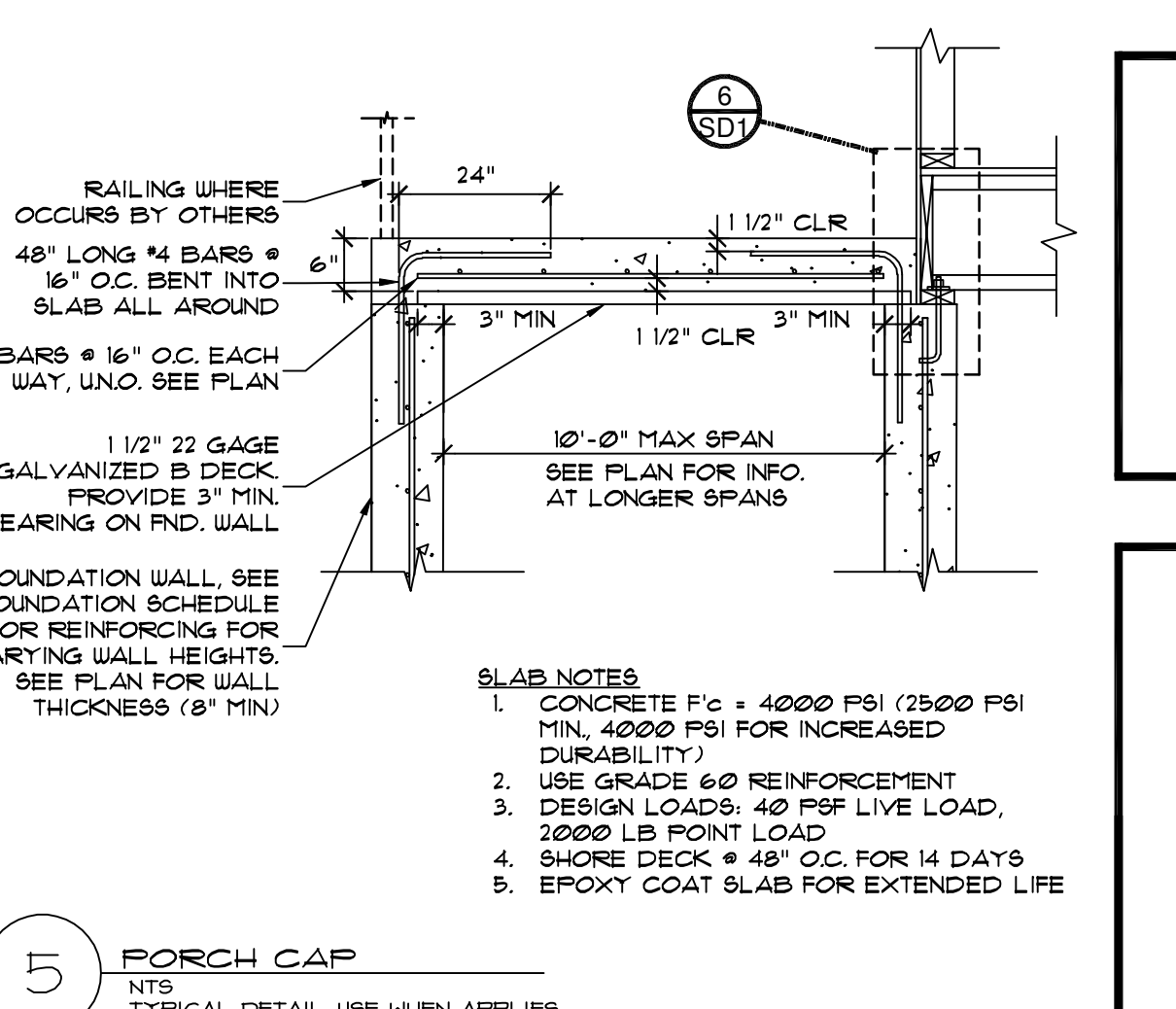
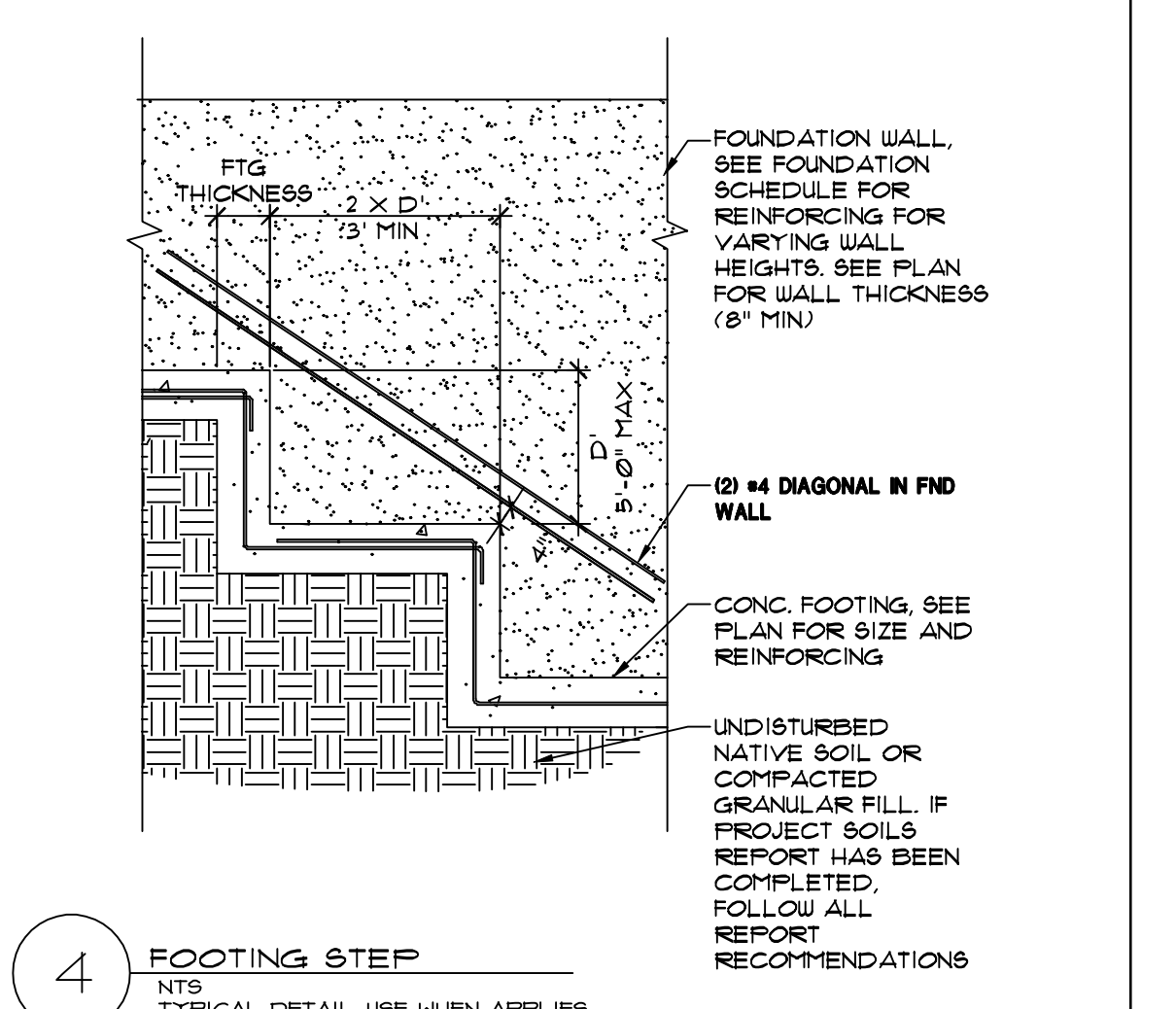
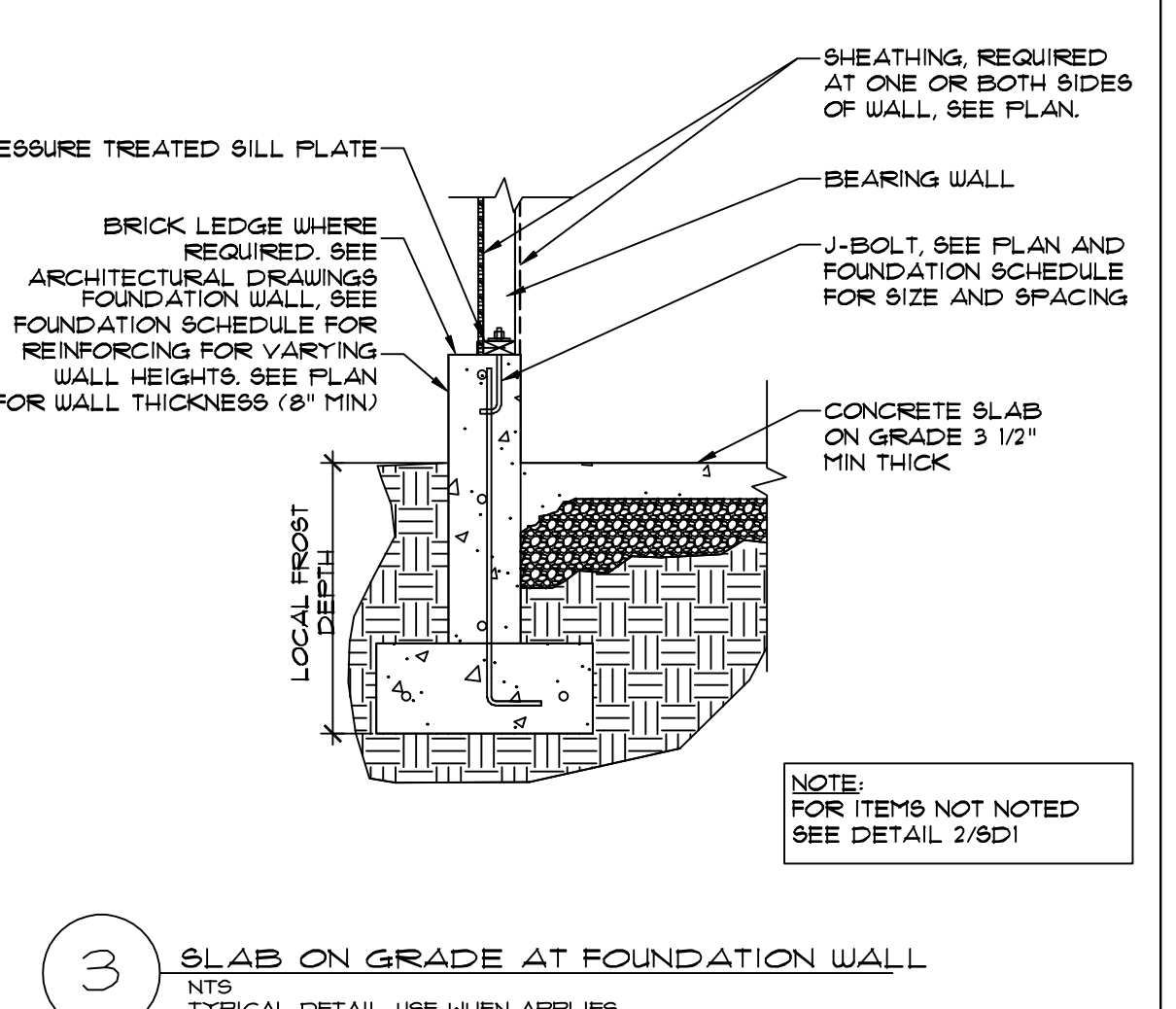
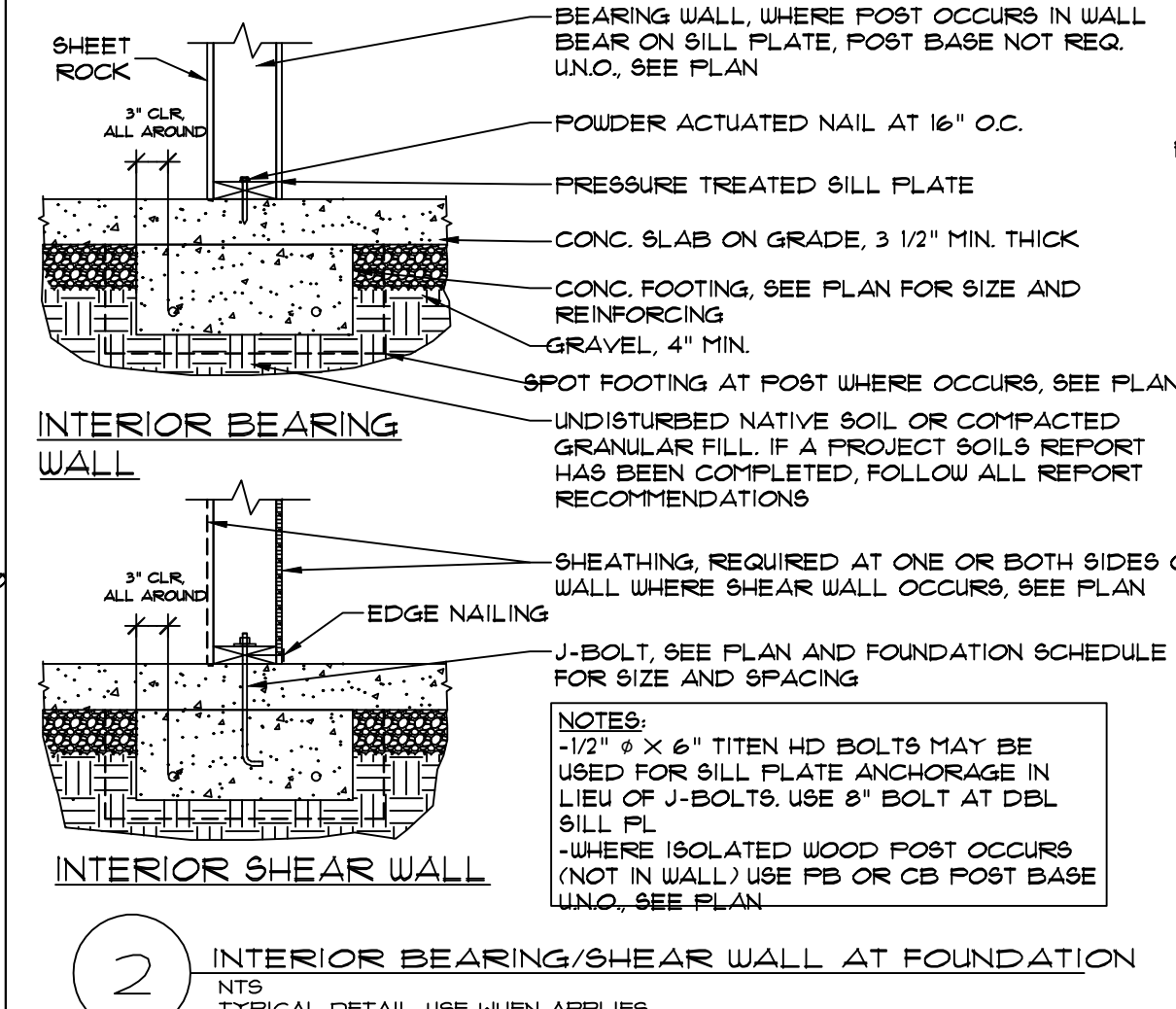
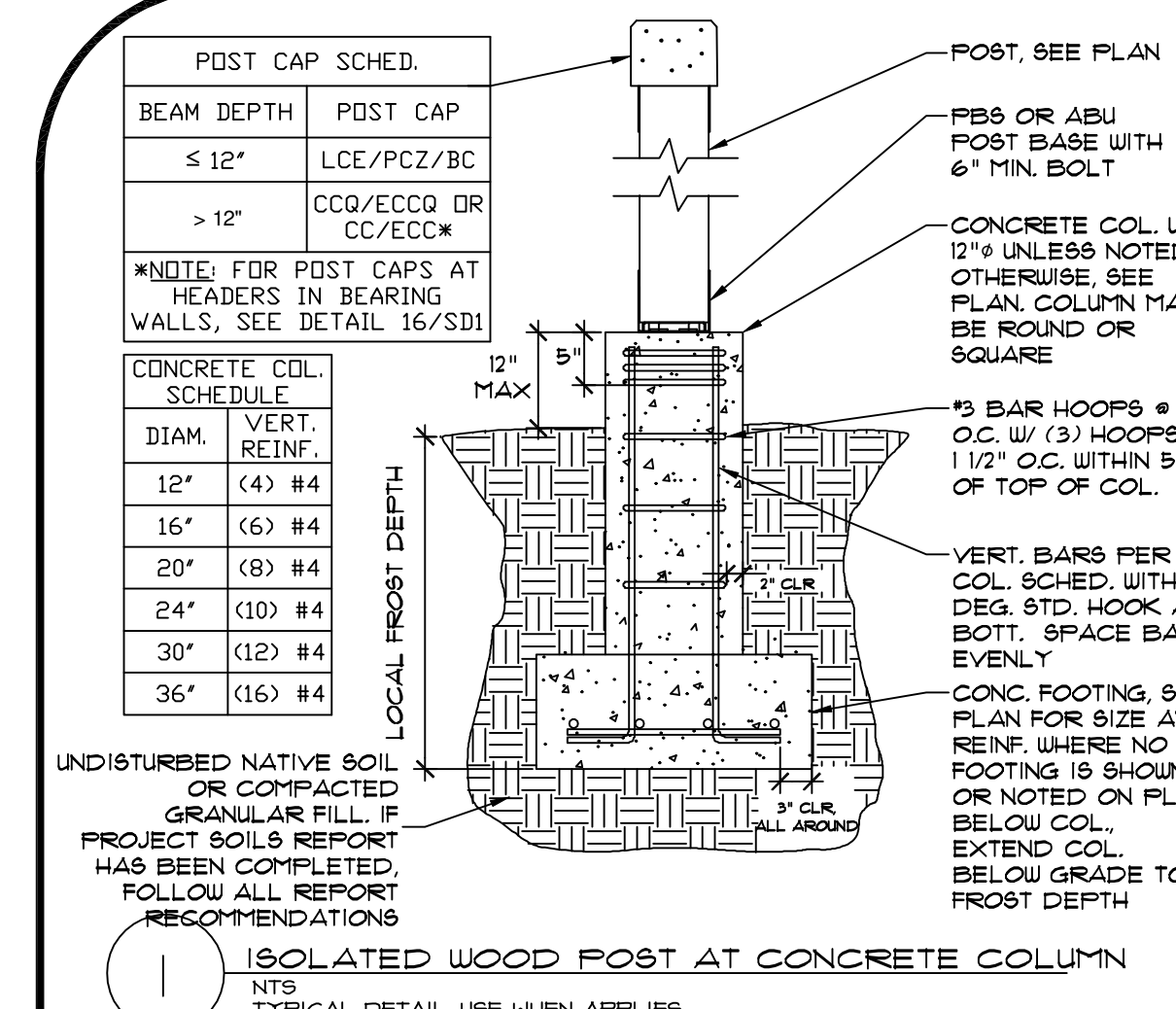


ELECTRICAL LEGEND	
[Symbol]	110 VOLT RECEPTACLE
[Symbol]	220 VOLT RECEPTACLE
[Symbol]	110 GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
[Symbol]	110 GROUND FAULT RECEPTACLE (WATER PROOF)
[Symbol]	RECESSED (CAN) LIGHTING
[Symbol]	STD. LIGHTING
[Symbol]	STD. LIGHT EQUIPPED W/ FULL CHAIN
[Symbol]	SINGLE POLE SWITCH
[Symbol]	THREE WAY SWITCH
[Symbol]	FOUR WAY SWITCH
[Symbol]	SINGLE POLE SWITCH W/DIMMER
[Symbol]	PHONE / DATA RECEPTACLE
[Symbol]	TELEVISION RECEPTACLE (COAXIAL CABLE)
[Symbol]	SMOKE DETECTOR (SEE NOTE AT BOTTOM)
[Symbol]	CARBON MONOXIDE DETECTOR / SMOKE ALARM
[Symbol]	FLOURESCENT FIXTURE (SURFACE MOUNTED)
[Symbol]	FLOURESCENT FIXTURE (RECESSED)
[Symbol]	WALL MOUNTED SCENCE
[Symbol]	MOTION SENSITIVE FLOOD LIGHTS
[Symbol]	ELECTRIC VENT FAN
[Symbol]	CEILING FAN W/ LIGHTS
[Symbol]	IN FLOOR 110 VOLT RECEPTACLE
[Symbol]	STAIR LIGHT FIXTURE
[Symbol]	EXTERIOR RECESSED LIGHTING (WATER PROOF)
[Symbol]	UCL UNDER COUNTER LIGHTS
[Symbol]	EXTERIOR WEATHER PROOF WALL MOUNTED SCENCE

MECHANICAL LEGEND	
[Symbol]	AIR RETURN REGISTER
[Symbol]	AIR SUPPLY REGISTER (14"x4" IN FLOOR)
[Symbol]	AIR SUPPLY REGISTER (14"x4" IN CEILING)
[Symbol]	NATURAL GAS COOK
[Symbol]	POTABLE WATER HOSE BIB/WANTI-SYPHON DEVICE
[Symbol]	RADIANT HEAT TUBING IN CONCRETE

NOTE: RETURN / DISTRIBUTION DUCTING NOT SHOWN

- ELECTRICAL NOTES:**
- UNDERGROUND ELECTRICAL SERVICE SHALL BE INSTALLED IN 2" RIGID RISER WITH 2" RIGID ELBOW ATTACHED TO 2" PVC ELECTRICAL DUCT TO WITHIN 1 FOOT OF PEDESTAL AND BURIED A MINIMUM 18" DEEP.
 - SUPPLY DUCTS IN FLOOR MUST BE INSULATED W/ A MIN. OF R-8 INSULATION.
 - ALL RECEPTICALS IN THE DRILLING UNIT ARE TO BE TAMPER RESISTANT RECEPTICALS.
 - SMOKE DETECTORS SHALL BE WIRED IN SERIES ON SEPARATE CIRCUIT W/ BATTERY BACKUP.
 - CARBON MONOXIDE ALARMS SHALL BE INSTALLED ON EACH HABITABLE LEVEL OF A DRILLING UNIT EQUIPPED WITH FUEL BURNING APPLIANCES. THESE SHALL COMPLY WITH ANSI/UL 2094-2009 AND INSTALLED IN ACCORDANCE WITH PROVISIONS OF THIS STANDARD.
 - ALL EXTERIOR FIXTURES TO BE DARK SKY COMPLIANT.
- ALL GARAGE DOOR / SOFFIT RECEPTACLES SHALL BE GFCI PROTECTED AND BE MADE READILY ACCESSIBLE.
 - ALL ELECTRICAL PER THE IRC 2015.

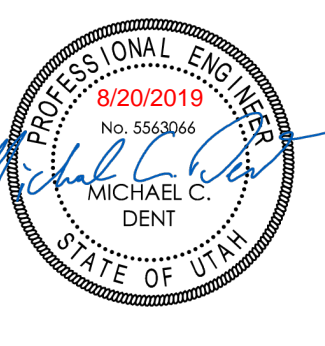
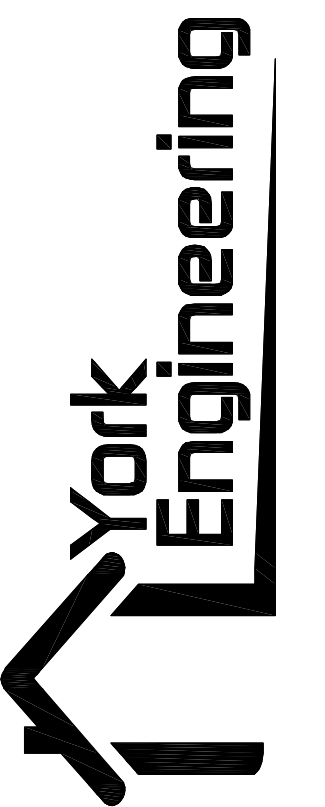


BEARING WALL CONSTRUCTION TABLE		KING STUDS (KV) TRIMMERS (T) BASED ON WALL OPENING WIDTH (UNO, SEE PLAN)									
WALL HEIGHT	STUD FRAMING	2'-6"	2'-7"-5'-0"	5'-1" - 8'-0"	8'-1" - 10'-0"	10'-1" - 12'-0"	12'-1" - 14'-0"	14'-1" - 16'-0"	16'-1" - 18'-0"	18'-1" - 20'-0"	20'-1" - 22'-0"
0'-10"	2x4's @ 16" O.C.	1 K/1 T	1 K/2 T	1 K/3 T	2 K/3 T	2 K/4 T	2 K/4 T	2 K/5 T	3 K/5 T	3 K/6 T	3 K/6 T
0'-11" - 12"	2x4's @ 12" O.C.	1 K/2 T	1 K/3 T	2 K/4 T	2 K/4 T	3 K/5 T	3 K/5 T	3 K/6 T	4 K/6 T	4 K/6 T	4 K/6 T
0'-12"	2x6's @ 24" O.C.	1 K/1 T	1 K/2 T	2 K/2 T	2 K/2 T	2 K/2 T	2 K/2 T	3 K/3 T	3 K/3 T	3 K/3 T	3 K/3 T
12'-1" - 14'	2x6's @ 16" O.C.	1 K/1 T	1 K/2 T	2 K/2 T	2 K/2 T	2 K/3 T	3 K/4 T	3 K/4 T	3 K/4 T	3 K/4 T	3 K/4 T
14'-1" - 16'	2x6's @ 12" O.C.	1 K/2 T	1 K/2 T	2 K/3 T	2 K/4 T	3 K/4 T	3 K/4 T	4 K/5 T	4 K/5 T	4 K/5 T	4 K/5 T
16'-1" - 20'	2x6 L&L's @ 12" O.C.	2 K/2 T	2 K/2 T	2 K/4 T	2 K/4 T	3 K/5 T	3 K/5 T	4 K/6 T	4 K/6 T	4 K/6 T	4 K/6 T

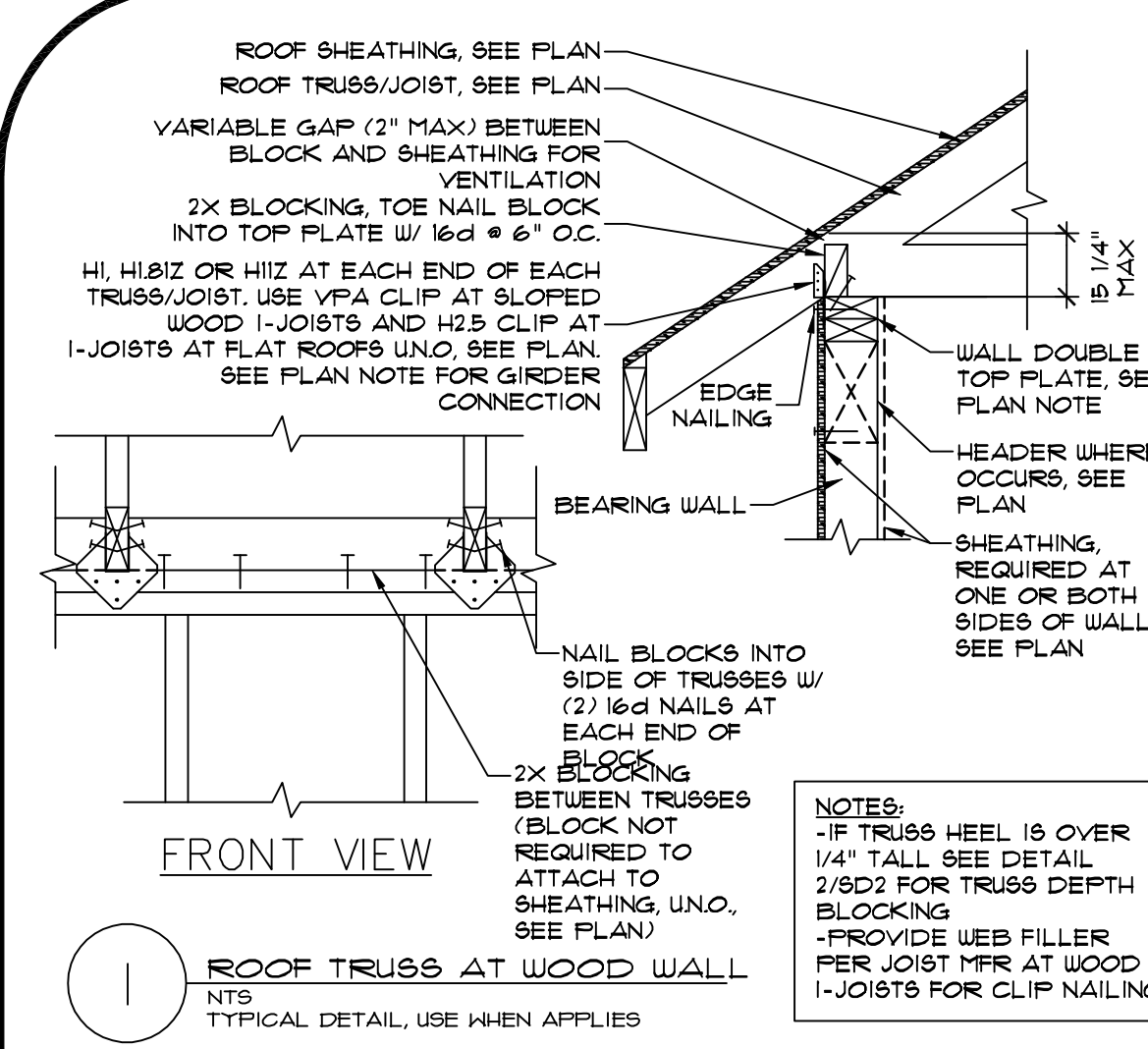
NOTES:
1. FOR WALLS TALLER THAN 20' AND/OR OPENINGS GREATER THAN 18' WIDE, SEE PLAN.
2. USE 2x6 STUDS FOR ALL WALLS SUPPORTING 3 OR MORE FLOOR/ROOF LOADS.
3. KING STUDS/TRIMMERS NOTED REQUIRED AT EACH END OF WALL OPENING.
4. NAIL KING/TRIMMER PLYS TOGETHER W/ (2) 16d NAILS @ 9" O.C.

ALL DETAILS MAY NOT BE APPLICABLE TO YOUR PLANS IF MARKED TYPICAL, USE AT ALL APPLICABLE LOCATIONS

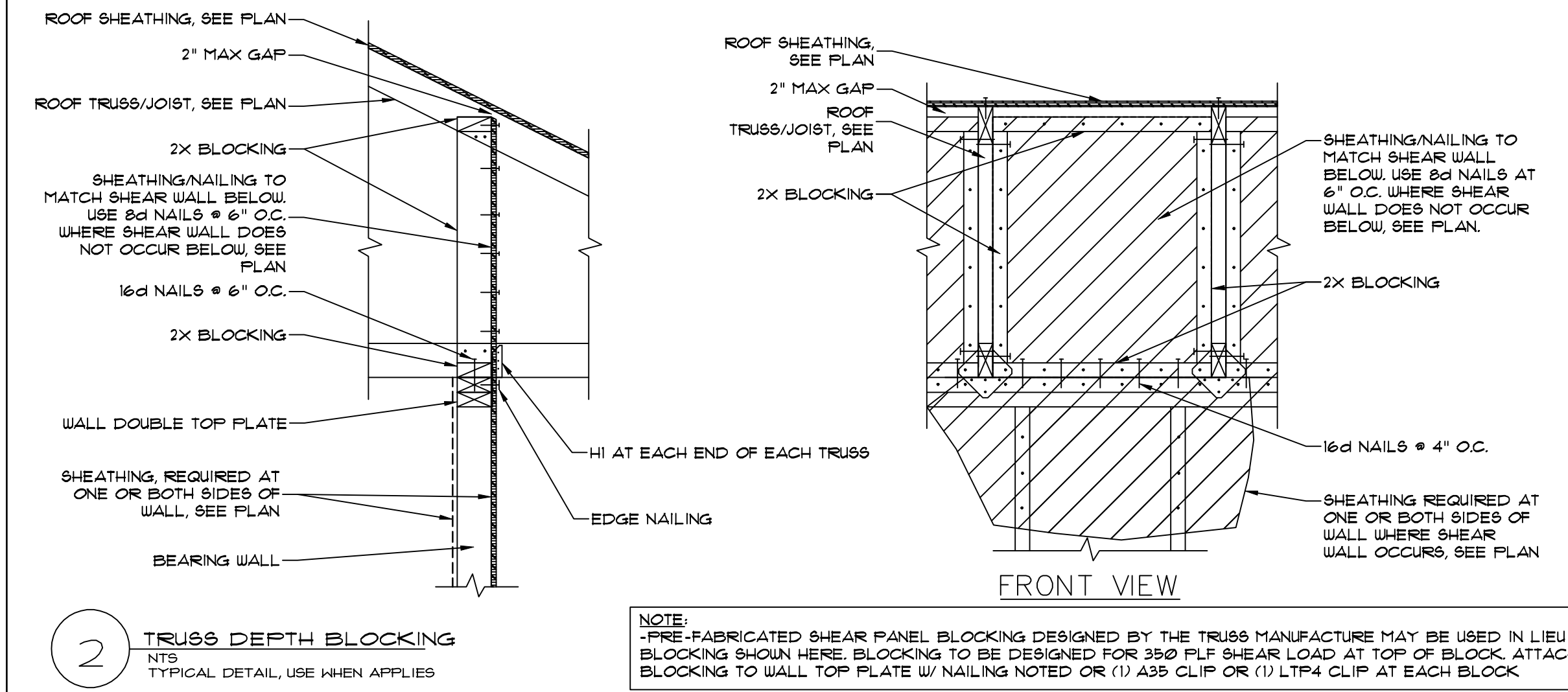
Structural Design and Analysis
4883 Old Highway, Rt. Suite A
P.O. Box 100
Pawling, NY 12561
Phone: 845-876-3501
Fax: 845-876-3501



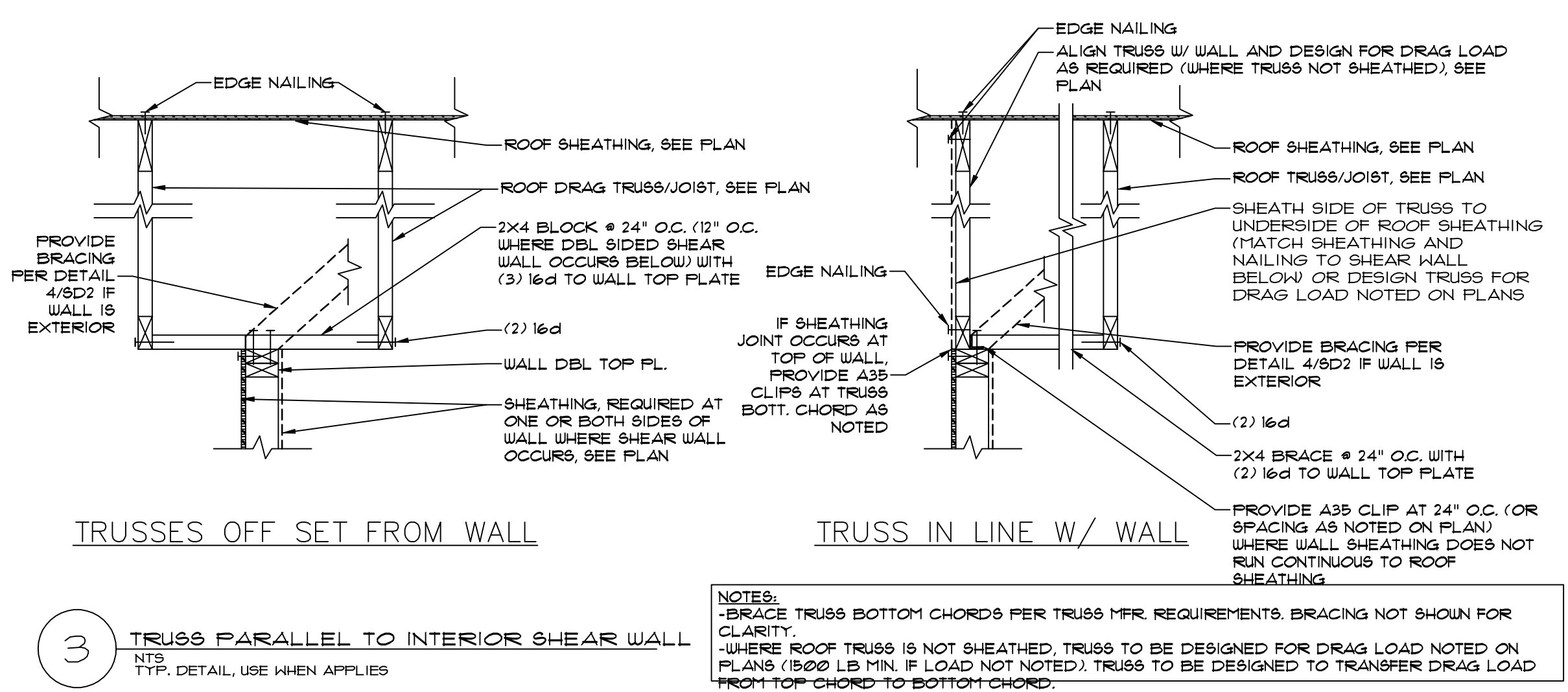
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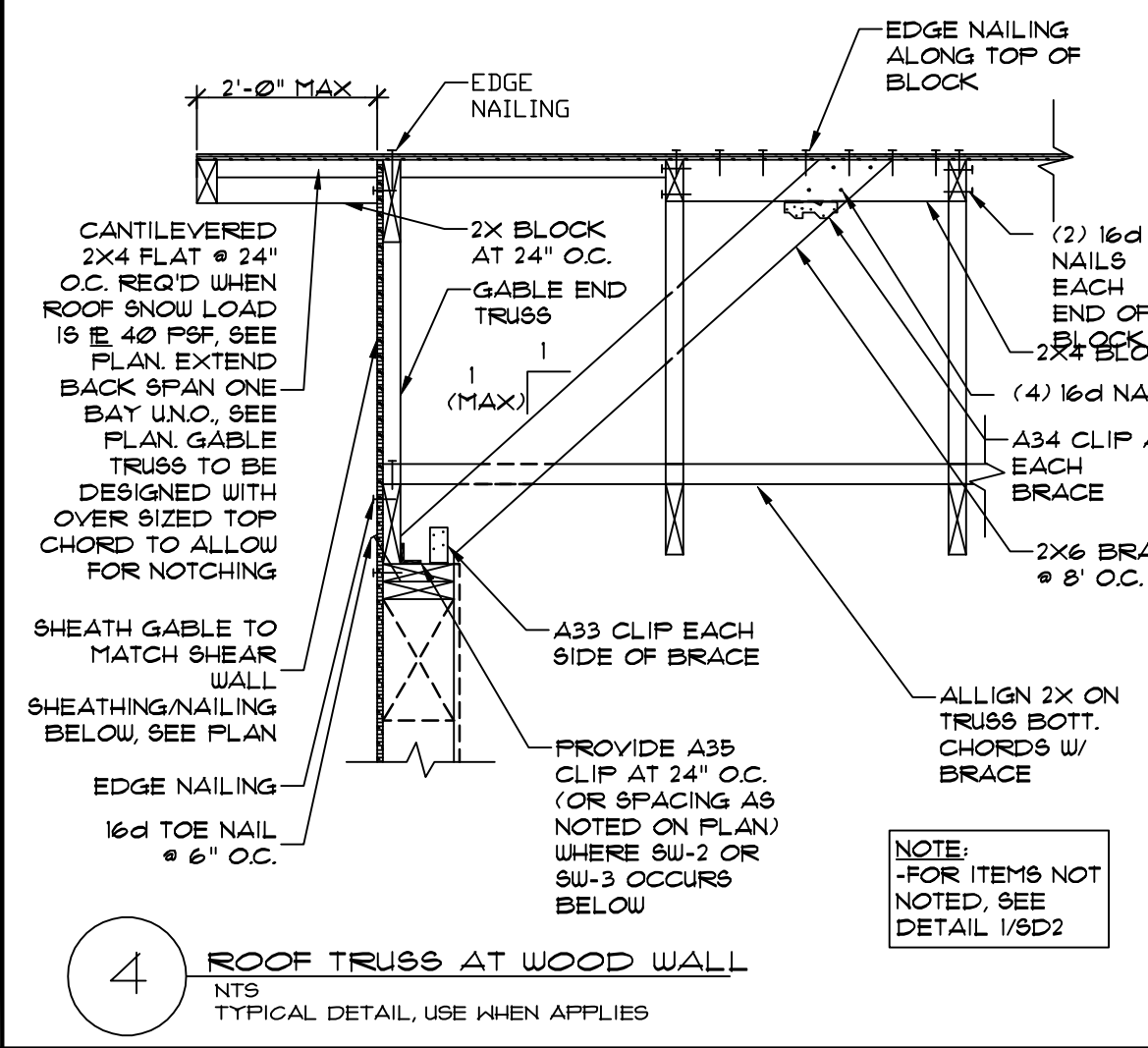
1 ROOF TRUSS AT WOOD WALL
 NTS TYPICAL DETAIL, USE WHEN APPLIES



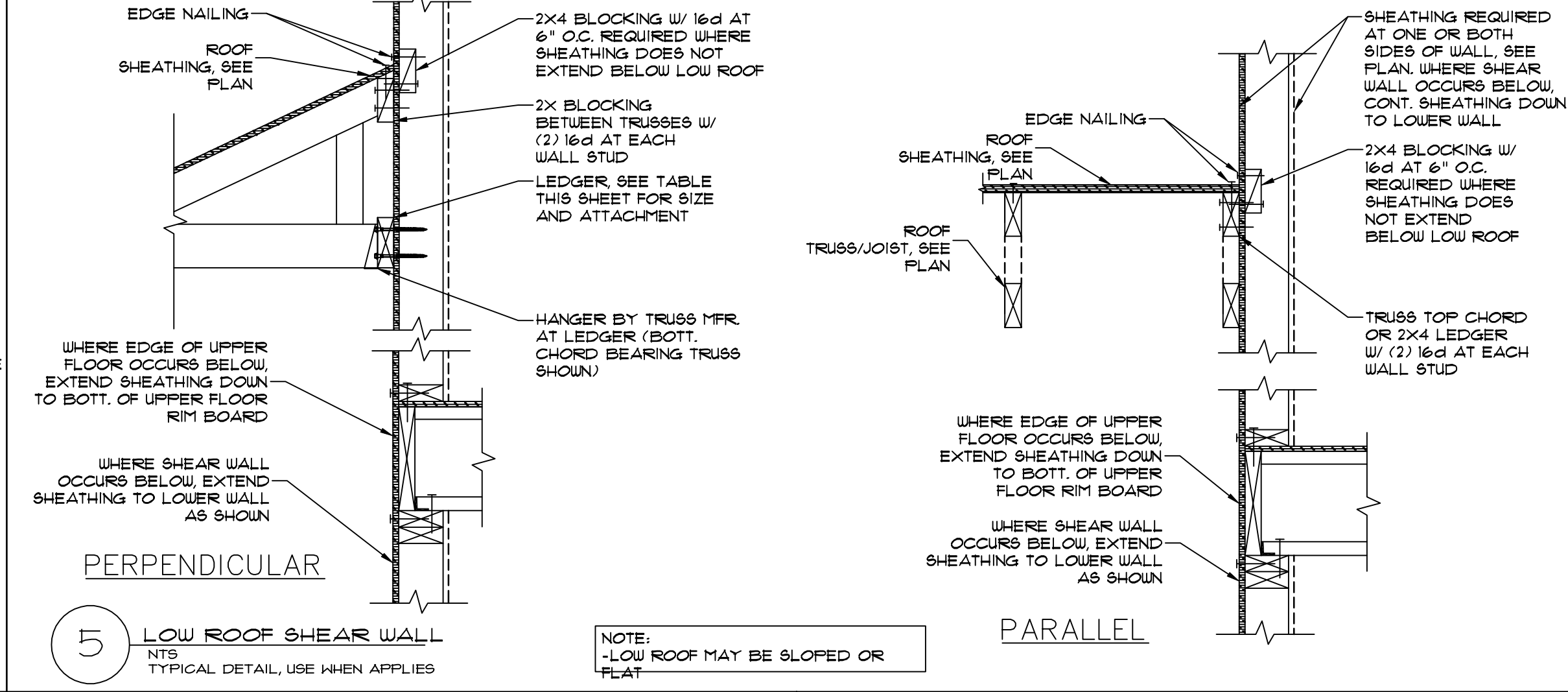
2 TRUSS DEPTH BLOCKING
 NTS TYPICAL DETAIL, USE WHEN APPLIES



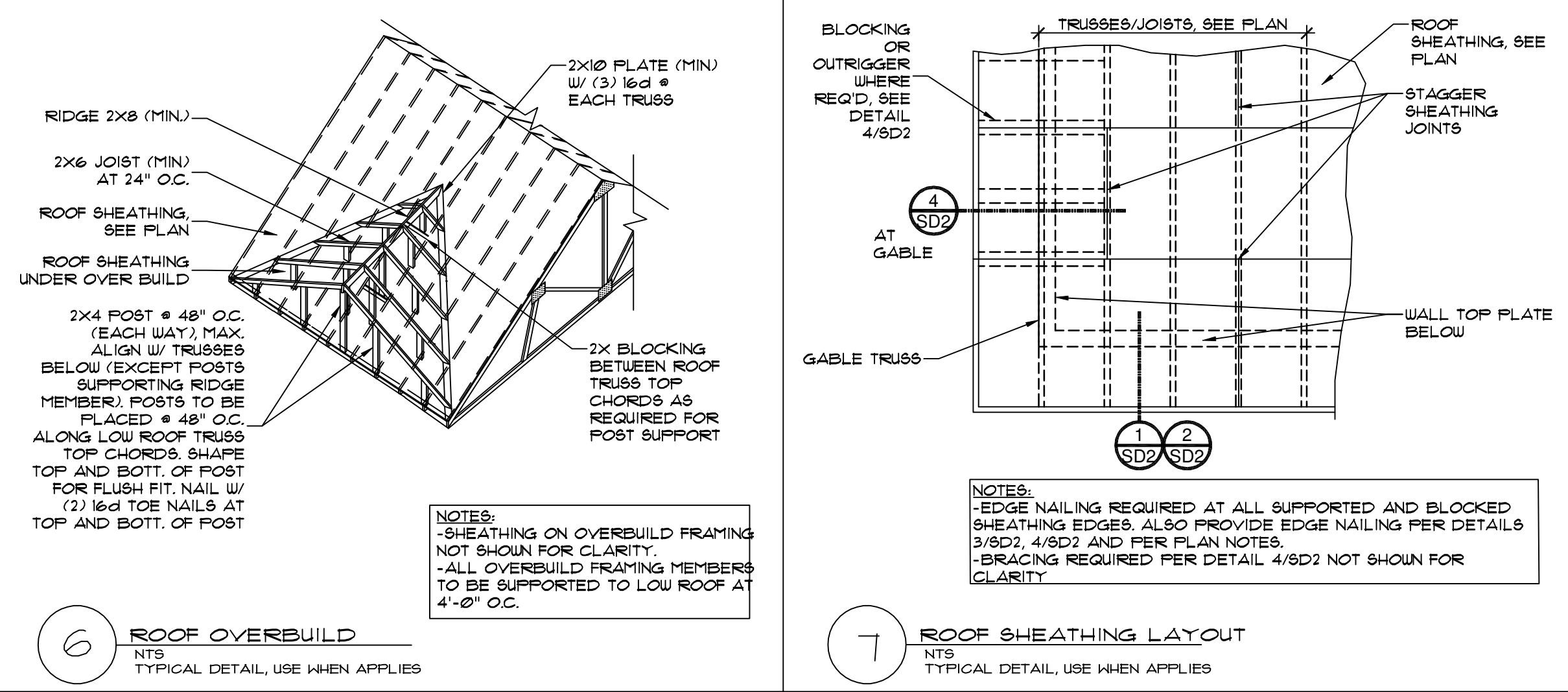
3 TRUSS PARALLEL TO INTERIOR SHEAR WALL
 NTS TYP. DETAIL, USE WHEN APPLIES



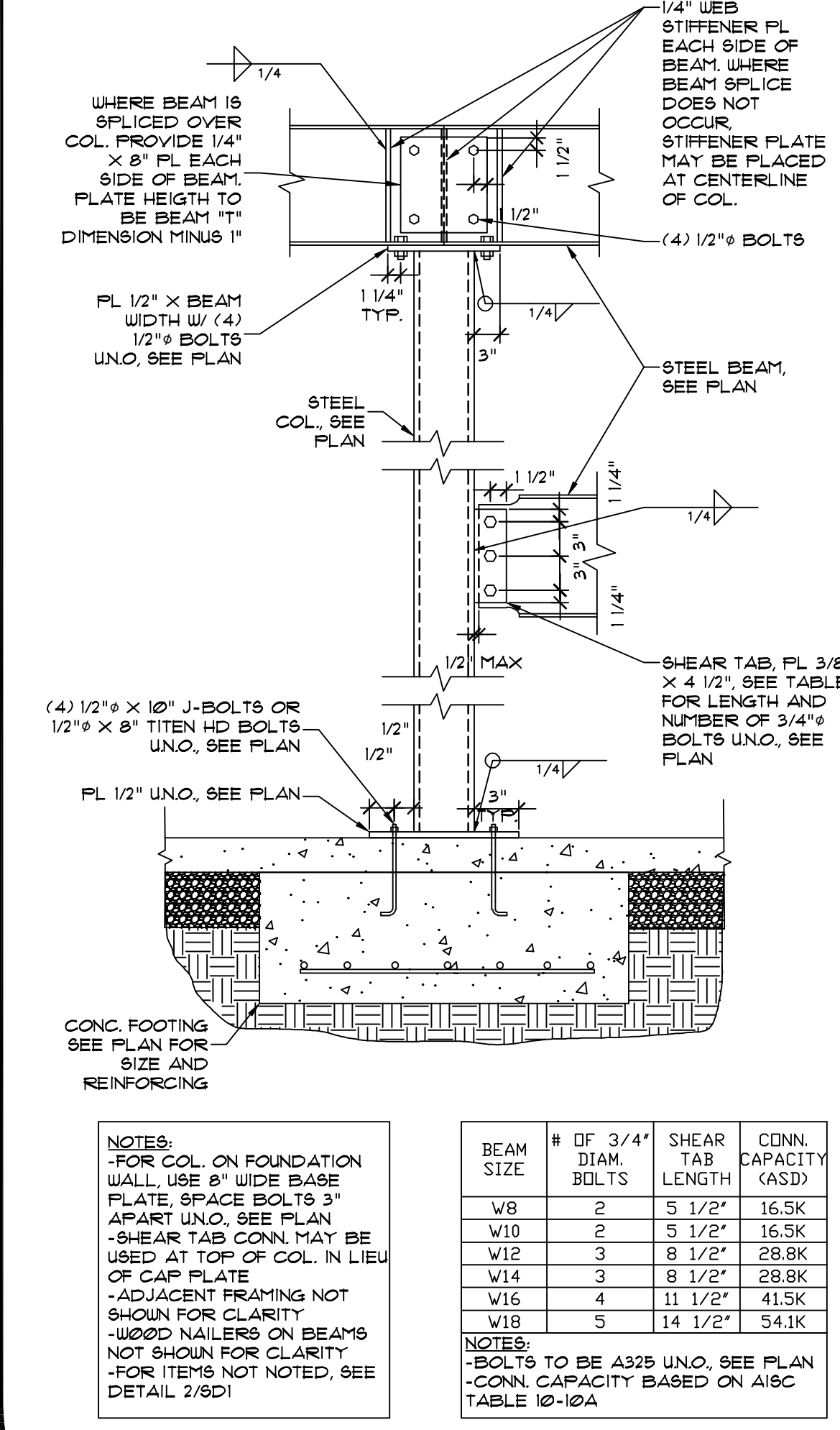
4 ROOF TRUSS AT WOOD WALL
 NTS TYPICAL DETAIL, USE WHEN APPLIES



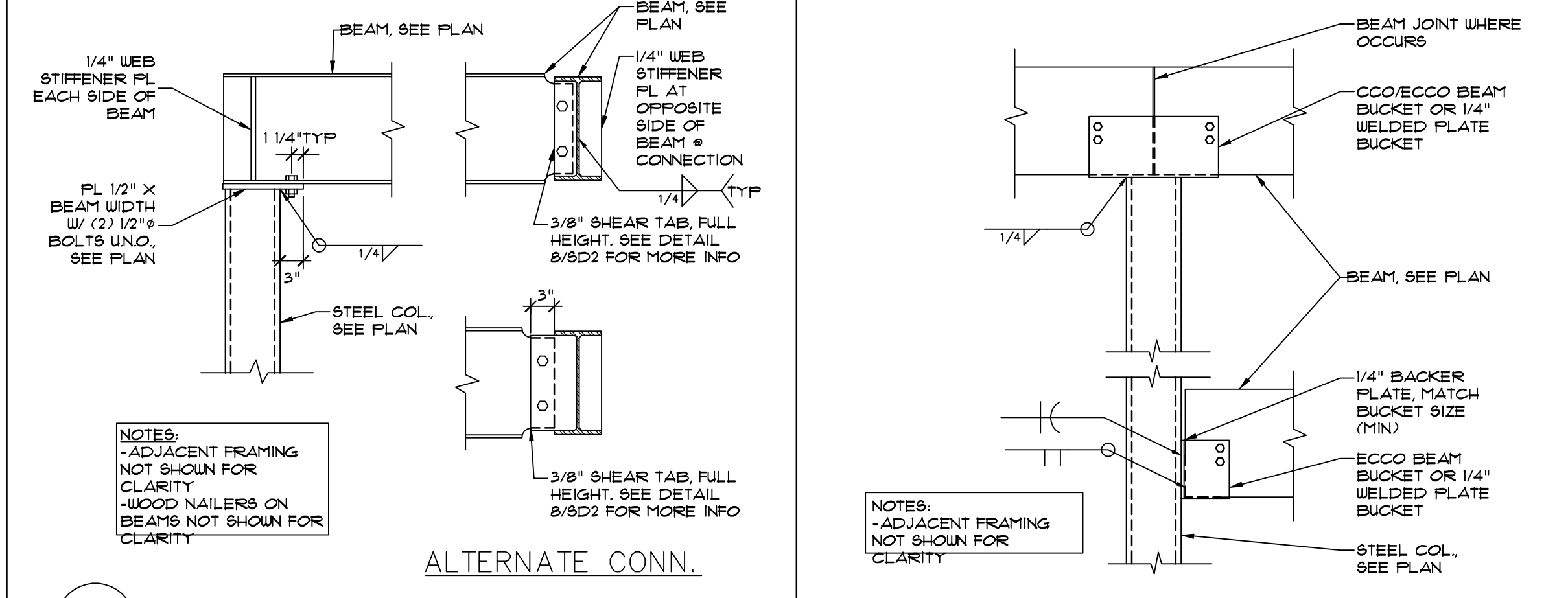
5 LOW ROOF SHEAR WALL
 NTS TYPICAL DETAIL, USE WHEN APPLIES



6 ROOF OVERBUILD
 NTS TYPICAL DETAIL, USE WHEN APPLIES



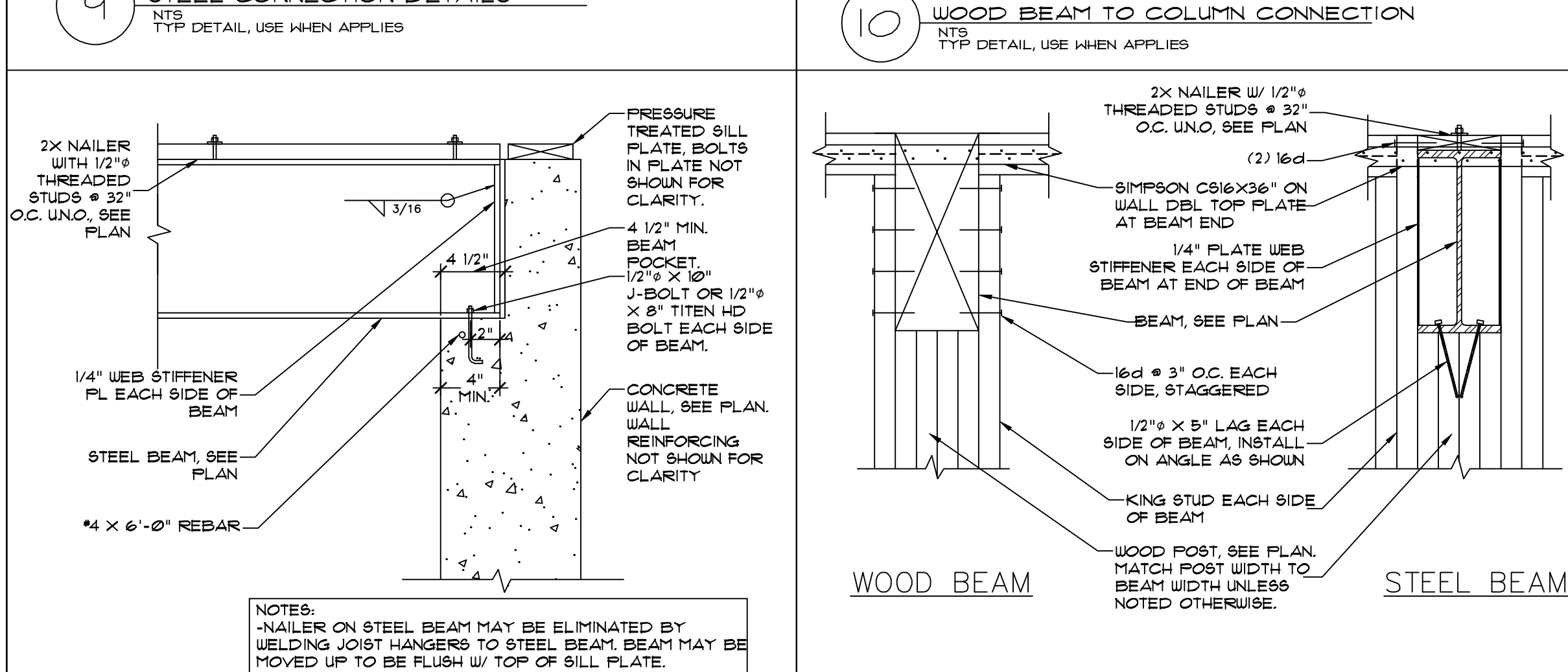
8 STEEL BEAM TO COLUMN CONNECTION
 NTS TYPICAL DETAIL, USE WHEN APPLIES



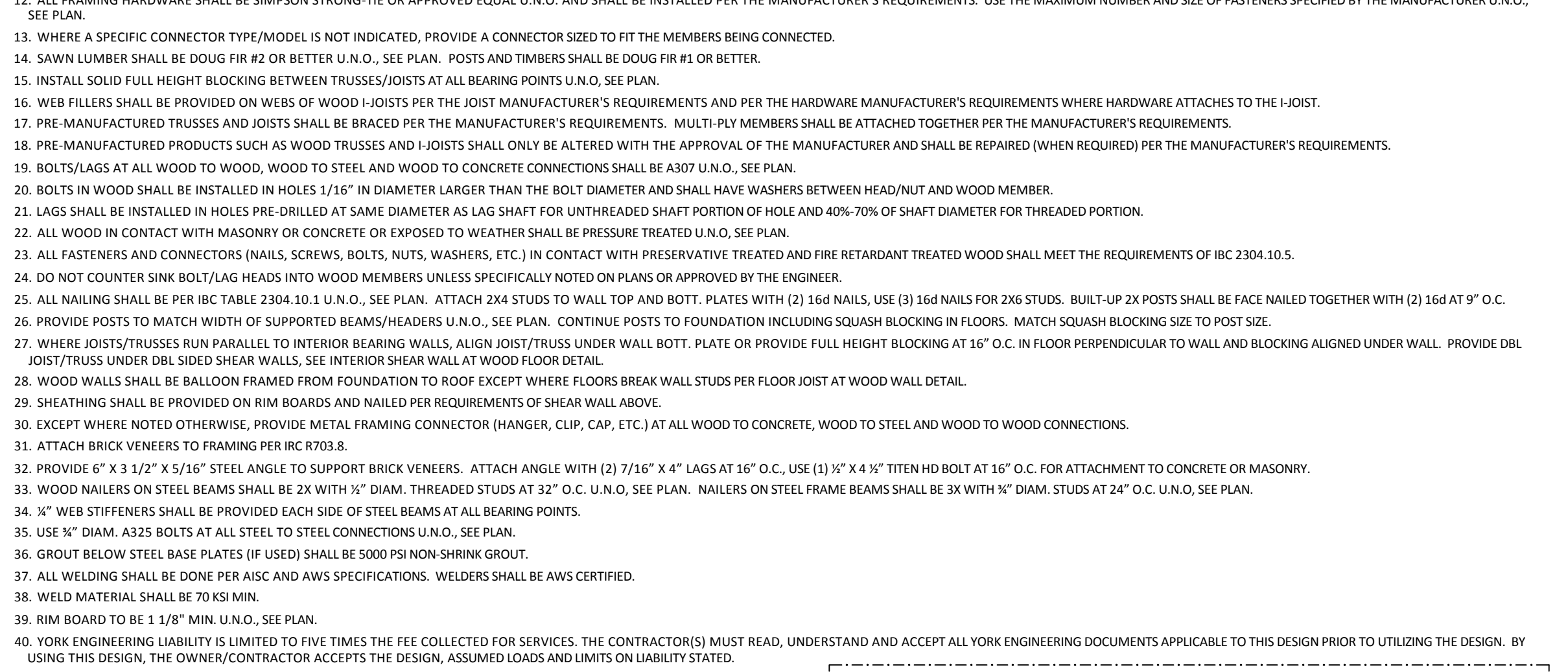
9 STEEL CONNECTION DETAILS
 NTS TYP DETAIL, USE WHEN APPLIES

MAX TRUSS/JOIST SPAN (FT)	MIN. LEDGER SIZE AND ATTACHMENT TO WALL STUDS AT 16" O.C. (UNO, SEE PLAN)			TABLE NOTES
	40-50 PSF	50-55 PSF	60-65 PSF	
8'	2x6, (3) 16d	2x8, (4) 16d	2x8, (4) 16d	1. LEDGER NAILS TO BE 16d - 148" x 3 1/2". MIN. 2. SCS SCREWS TO BE SPACED 3' O.C. 1/2" FROM LEDGER EDGE 3. WHERE LEDGER IS NOT INSTALLED DIRECTLY ON WALL STUDS (NOT ON WALL SHEATHING) 3 1/2" SCREWS MAY BE USED 4. CENTER LEDGER SCREWS/NAILS IN WALL STUDS
12'	2x8, (4) 16d	2x10, (3) SCS 1/4" x 4 1/2"	2x10, (3) SCS 1/4" x 4 1/2"	
16'	2x10, (3) SCS 1/4" x 4 1/2"	2x10, (3) SCS 1/4" x 4 1/2"	1 3/4" x 11 7/8" LVL, (4) SCS 1/4" x 4 1/2"	
20'	1 3/4" x 11 7/8" LVL, SCS 1/4" x 4 1/2"	1 3/4" x 11 7/8" LVL, SCS 1/4" x 4 1/2"	1 3/4" x 16" LVL, SCS 1/4" x 4 1/2"	
			(B) 1 3/4" x 16" LVL, SCS 1/4" x 4 1/2"	
			(3)	

10 WOOD BEAM TO COLUMN CONNECTION
 NTS TYP DETAIL, USE WHEN APPLIES



11 STEEL BEAM POCKET IN CONCRETE WALL
 NTS TYPICAL DETAIL, USE WHEN APPLIES



12 BEAM POCKET IN WOOD WALL
 NTS TYPICAL DETAIL, USE WHEN APPLIES

GENERAL STRUCTURAL NOTES

- CONTRACTOR (INCLUDING SUB-CONTRACTORS) SHALL FOLLOW ALL REQUIREMENTS STATED IN THESE DOCUMENTS AND ALL APPLICABLE BUILDING CODES AND STANDARDS AND SHALL BE QUALIFIED TO PERFORM AND EXPERIENCED IN PERFORMING THE WORK REQUIRED FOR THE PROJECT.
- CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS STATED IN ALL OTHER DOCUMENTS APPLICABLE TO THE PROJECT. IF ANY DISCREPANCIES OCCUR BETWEEN THE STRUCTURAL DOCUMENTS AND OTHER PROJECT DOCUMENTS, NOTIFY YORK ENGINEERING OF THE DISCREPANCY PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC., PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION AND SHALL PROVIDE SHORING AND BRACING AS REQUIRED TO PROVIDE STRUCTURAL STABILITY AT ALL TIMES DURING CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE PROTECTION OF ALL STRUCTURAL ELEMENTS.
- ALL MATERIALS/PRODUCTS SHALL BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS.
- SPECIFIC NOTES AND DETAILS SHALL GOVERN OVER TYPICAL NOTES AND DETAILS.
- TYPICAL NOTES AND DETAILS APPLY WHERE SPECIFIC NOTES AND DETAILS ARE NOT INDICATED.
- MATERIALS SHALL BE PLACED ON THE STRUCTURE SUCH THAT THE DESIGN LOADS STATED IN THE DESIGN CRITERIA TABLE ARE NOT EXCEEDED AND THE LOAD BEARING CAPACITY OF TEMPORARY SHORING AND BRACING IS NOT EXCEEDED.
- EACH PIECE OF STRUCTURAL LUMBER (AND SHEATHING) SHALL BE MARKED BY A COMPETENT AND RELIABLE ORGANIZATION WHOSE REGULAR BUSINESS IS TO ESTABLISH LUMBER GRADES. THE ORGANIZATION, GRADING AND GRADE MARKINGS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
- THE SIZING AND SURFACING OF ALL LUMBER SHALL BE MILL SIZED AND SURFACED ON ALL 4 SIDES UNO, SEE PLAN. ALL LUMBER SHALL BE FREE OF HOLEY CENTER. SPICES SHALL NOT BE PERMITTED EXCEPT WHERE NOTED OR APPROVED BY THE ENGINEER.
- ALL FRAMING HARDWARE SHALL BE SIMPSON STRONG-TIE OR APPROVED EQUAL U.O. AND SHALL BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS. USE THE MAXIMUM NUMBER AND SIZE OF FASTENERS SPECIFIED BY THE MANUFACTURER U.O.
- WHERE A SPECIFIC CONNECTION TYPE/MODEL IS NOT INDICATED, PROVIDE A CONNECTION SIZED TO FIT THE MEMBERS BEING CONNECTED.
- SAWN LUMBER SHALL BE DOUG FIR #2 OR BETTER U.O., SEE PLAN. POSTS AND TIMBERS SHALL BE DOUG FIR #1 OR BETTER.
- INSTALL SOLID FULL HEIGHT BLOCKING BETWEEN TRUSSES/JOISTS AT ALL BEARING POINTS UNO, SEE PLAN.
- WEB FILLERS SHALL BE PROVIDED ON WEBS OF WOOD JOISTS PER THE JOIST MANUFACTURER'S REQUIREMENTS AND PER THE HARDWARE MANUFACTURER'S REQUIREMENTS WHERE HARDWARE ATTACHES TO THE JOIST.
- PRE-MANUFACTURED TRUSSES AND JOISTS SHALL BE BRACED PER THE MANUFACTURER'S REQUIREMENTS. MULTI-PLY MEMBERS SHALL BE ATTACHED TOGETHER PER THE MANUFACTURER'S REQUIREMENTS.
- PRE-MANUFACTURED PRODUCTS SUCH AS WOOD TRUSSES AND JOISTS SHALL ONLY BE ALTERED WITH THE APPROVAL OF THE MANUFACTURER AND SHALL BE REPAIRED (WHEN REQUIRED) PER THE MANUFACTURER'S REQUIREMENTS.
- BOLTS/LAGS AT ALL WOOD TO WOOD, WOOD TO STEEL AND WOOD TO CONCRETE CONNECTIONS SHALL BE A307 UNO, SEE PLAN.
- BOLTS IN WOOD SHALL BE INSTALLED IN HOLES 1/16" IN DIAMETER LARGER THAN THE BOLT DIAMETER AND SHALL HAVE WASHERS BETWEEN HEAD/NUT AND WOOD MEMBER.
- LAGS SHALL BE INSTALLED IN HOLES PER DRILLED AT SAME DIAMETER AS LAG SHAFTS FOR UNTHREADED SHAFTS (PORTION OF HOLE AND 40% OF SHAFTS PORTION FOR THREADED PORTION).
- ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED UNO, SEE PLAN.
- ALL FASTENERS AND CONNECTORS (NAILS, SCREWS, BOLTS, NUTS, WASHERS, ETC.) IN CONTACT WITH PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL MEET THE REQUIREMENTS OF 2018-2019.
- DO NOT CUTTER SINK BOLT/LAG HEADS INTO WOOD MEMBERS UNLESS SPECIFICALLY NOTED ON PLANS OR APPROVED BY THE ENGINEER.
- ALL NAILING SHALL BE PER IRC TABLE 2306.2.1 UNO, SEE PLAN. ATTACH 2x6 STUDS TO WALL TOP AND BOTTOM PLATES WITH (2) 16d NAILS, USE (3) 16d NAILS FOR 2x6 STUDS. BUILD UP 2x POSTS SHALL BE FACE NAILED TOGETHER WITH (2) 16d AT 9" O.C.
- PROVIDE POSTS TO MATCH WIDTH OF SUPPORTED BEAMS/HEADERS UNO, SEE PLAN. CONTINUE POSTS TO FOUNDATION INCLUDING SQUASH BLOCKING IN FLOORS. MATCH SQUASH BLOCKING SIZE TO POST SIZE.
- WHERE JOISTS/TRUSSES RUN PARALLEL TO INTERIOR BEARING WALLS, ALIGN JOIST/TRUSS UNDER WALL BOTT. PLATE OR PROVIDE FULL HEIGHT BLOCKING AT 16" O.C. IN FLOOR PERPENDICULAR TO WALL AND BLOCKING ALIGNED UNDER WALL. PROVIDE FULL JOIST/TRUSS UNDER DEL. SIDED SHEAR WALLS. SEE INTERIOR SHEAR WALL AT WOOD FLOOR DETAIL.
- WOOD WALLS SHALL BE BALCONY FRAMED FROM FOUNDATION TO ROOF EXCEPT WHERE FLOORS BREAK WALL STUDS PER FLOOR JOIST AT WOOD WALL DETAIL.
- SHEATHING SHALL BE PROVIDED ON RIM BORDERS AND NAILED PER REQUIREMENTS OF SHEAR WALL ABOVE.
- EXCEPT WHERE NOTED OTHERWISE, PROVIDE METAL FRAMING CONNECTOR (HANGERS, CLIP, CAP, ETC.) AT ALL WOOD TO CONCRETE, WOOD TO STEEL AND WOOD TO WOOD CONNECTIONS.
- ATTACH BRICK VENEERS TO FRAMING PER IRC R703.8.
- PROVIDE 4" x 12" x 1/4" STEEL ANGLE TO SUPPORT BRICK VENEERS. ATTACH ANGLE WITH (2) 7/16" x 4" LAGS AT 4' O.C. USE (3) 3" x 4" x 3/8" TITEN HD BOLT AT 4' O.C. FOR ATTACHMENT TO CONCRETE OR MASONRY.
- WOOD WALLS SHALL BE 3X WITH "S" DIAM. THREADED STUDS AT 32" O.C. UNO, SEE PLAN. NAILERS ON STEEL FRAME BEAMS SHALL BE 3X WITH "S" DIAM. STUDS AT 24" O.C. UNO, SEE PLAN.
- "S" WEB STIFFENERS SHALL BE PROVIDED EACH SIDE OF STEEL BEAMS AT ALL BEARING POINTS.
- USE "N" DIAM. A325 BOLTS AT ALL STEEL TO STEEL CONNECTIONS UNO, SEE PLAN.
- SHOULDER BELOW STEEL BASE PLATES IF USED SHALL BE 5000 PSI NON-SHIM GROUT.
- ALL WELDING SHALL BE DONE PER AISC AND AWS SPECIFICATIONS. WELDERS SHALL BE AWS CERTIFIED.
- WELD MATERIAL SHALL BE 70 KS MIN.
- RIM BOARD TO BE 1 1/8" MIN. UNO, SEE PLAN.
- YORK ENGINEERING LIABILITY IS LIMITED TO FIVE TIMES THE FEE COLLECTED FOR SERVICES. THE CONTRACTOR(S) MUST READ, UNDERSTAND AND ACCEPT ALL YORK ENGINEERING DOCUMENTS APPLICABLE TO THIS DESIGN PRIOR TO UTILIZING THE DESIGN. BY USING THIS DESIGN, THE OWNER/CONTRACTOR ACCEPTS THE DESIGN, ASSUMED LOADS AND LIMITS ON LIABILITY STATED.
- PERIODIC SPECIAL INSPECTIONS REQUIRED ON TRUSS BRACING AT TRUSSES OVER 5'-0" TALL UNLESS WAIVED BY BUILDING OFFICIAL.
- PRE-FABRICATED TRUSS LAYOUT PLAN AND CALCULATIONS MUST BE PROVIDED TO YORK ENGINEERING FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

SD2

ALL DETAILS MAY NOT BE APPLICABLE TO YOUR PLANS IF MARKED TYPICAL, USE AT ALL APPLICABLE LOCATIONS

