

GENERAL NOTES

1. BUILDING CLASSIFICATION TYPE: 5b, CONSTRUCTION IN WHICH THE WALLS, PARTITIONS, FLOORS, AND ROOF ARE WHOLLY OR PARTLY OF WOOD OR OTHER COMBUSTIBLE MATERIAL.

2. OCCUPANCY CLASSIFICATION OF BUILDING R - RESIDENTIAL.

3. BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING STRUCTURAL DESIGN LOADS:

GROUND SNOW LOAD:

58.0 PSF
48.7 PSF (SLOPE ROOF LOAD)

WIND LOAD:

115 MPH, EXP. B, $I_w = 1.0$
SIMPLIFIED METHOD/ STEEL FRAME

SEISMIC DESIGN CATEGORY:

B, SOIL CONDITION = D, $I_e = 1.0$
STEEL FRAME

LIVE LOAD:

40 PSF (GARAGE)

4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE EDITION OF THE INTERNATIONAL BUILDING CODE. ANY DISCREPANCIES BETWEEN THE NYS BUILDING CODE AND THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING.

5. THE STRUCTURAL DESIGN OF THIS BUILDING IS BASED ON THE FULL INTERACTION OF ALL OF ITS COMPONENT PARTS, WITH NO PROVISIONS MADE FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THEREFORE IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE BRACING DURING CONSTRUCTION.

6. ALL DIMENSIONS, ELEVATION, AND EXISTING CONDITIONS SHOWN ON PLANS SHALL BE TAKEN AS APPROXIMATE, AND FIELD VERIFIED PRIOR TO CONSTRUCTION.

7. OMISSIONS OR DISCREPANCIES BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

8. ALL DETAILS ARE TYPICAL. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.

9. OPENING IN STRUCTURAL COMPONENTS NOT SHOWN ON STRUCTURAL DRAWINGS SHALL BE REVIEWED BY STRUCTURAL ENGINEER BEFORE PROCEEDING WITH WORK.

10. CONTRACTOR TO VERIFY AND RELOCATE ALL MECHANICAL / ELECTRICAL SYSTEMS THAT INTERFERE WITH THE PROPOSED IMPROVEMENTS. ANY MAJOR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

11. CONSTRUCTION SAFETY PRECAUTIONS SHALL BE CONDUCTED BY THE CONTRACTOR IN ACCORDANCE WITH OSHA STANDARDS AND THE EXISTING BUILDING CODE OF NYS.

12. PROPOSED LIFE SAFETY CONCERNS TO BE ADDRESSED BY OTHER IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS. PLANS HAVE BEEN DESIGNED FOR STRUCTURAL REINFORCEMENT AND STABILIZATION ONLY.
- WOOD NOTES
1. ALL WOOD MEMBERS SHALL CONSIST OF DOUGLAS FIR NO. 1 OR EQUIVALENT STRENGTH MATERIAL, IN ACCORDANCE WITH THE CURRENT NDS LUMBER SPECIFICATIONS; ALLOWABLE GRADING AGENCIES CONSIST OF NELMA, NSLB, WCLB, & WWPA AND MUST BE CLEARLY IDENTIFIED ON THE MEMBER GRADE STAMP; 17% MOISTURE CONTENT MAX.; UNLESS OTHERWISE NOTED.

2. ALL PRESSURE TREATED LUMBER PLACED IN CONTACT WITH SOIL SHALL BE 0.60 ACQ. ALL OTHER PRESSURE TREATED LUMBER TO BE 0.40 ACQ. MOISTURE CONTENT OF P.T. LUMBER TO BE 19% MAX.

3. ALL LAMINATED VENEER LUMBER (LVL) SHALL BE LOUISIANA PACIFIC (2950 Fb-2.0E SOUTHERN PINE) OR AN APPROVED EQUAL.

4. ALL DIMENSIONAL LUMBER SHALL BE KILN DRIED TO MAX. MOISTURE CONTENT OF 17%.

5. ALL WOOD MEMBERS TO BE REJECTED FOR EXCESSIVE AND / OR STRUCTURALLY UNSOUND KNOTS, OR OTHER FLAWS - INCLUDING BUT NOT LIMITED TO BARK, PITCHING, CHECKING, TWISTING, AND YARD DAMAGE.

6. ALL CARPENTRY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL DESIGN STANDARDS FOR WOOD CONSTRUCTION AND THE NEW YORK STATE BUILDING CODE.

7. PROVIDE DOUBLE JOISTS BENEATH ALL PARTITIONS THAT RUN PARALLEL TO JOISTS AND SPAN MORE THAN 1/3 THE JOIST'S SPAN.

8. BLOCKING TO BE PLACED AT ALL BEARING POINTS OF JOISTS. BLOCKING SIZE TO BE EQUIVALENT TO JOIST SIZE UNLESS OTHERWISE SPECIFIED.

9. ALL MULTIPLE PLY LVL MEMBERS TO BE CONNECTED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.

10. ALL METAL CONNECTORS FOR WOOD (SIMPSON STRONG TIE / UPS OR EQUAL) SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL HAVE G 185 HDG COATING PER ASTM A-653, SIMPSON "ZMAX" OR EQUAL.

11. NAILS, SPIKES AND STAPLES, FOR ROUGH CARPENTRY, TO BE DOUBLE HOT DIPPED GALVANIZED CONFORMING TO ASTM A-153, SPIRAL SHANK; SIZE AND TYPE TO SUIT APPLICATION AND MEET ASTM F 1667 SPECIFICATIONS - MAZE NAILS OR EQUAL.

12. ALL LAG BOLTS TO BE HOT DIPPED GALVANIZED CONFORMING TO ASTM A-153 WITH WASHERS UNLESS OTHERWISE SPECIFIED AND TO MEET ANSI/ASME STANDARD B18.2.1-1981 SPECIFICATIONS.

13. ALL THROUGH BOLTS TO BE HOT DIPPED GALVANIZED CONFORMING TO ASTM A-153 WITH WASHERS UNLESS OTHERWISE SPECIFIED AND TO MEET ASTM A307 SPECIFICATIONS.

14. ALL LAG BOLTS WITH DIAMETER GREATER THAN 3/8" TO HAVE PRE-DRILLED LEAD HOLES PRIOR TO INSTALLATION. LEAD HOLE DIAMETER SHALL BE .408 - .70% OF LAG BOLT DIAMETER. LEAD HOLE LENGTH SHALL BE NO LESS THAN THE LENGTH OF THE THREADED PORTION OF THE LAG BOLT.

15. ALL THROUGH BOLT HOLES TO BE DRILLED 1/16" LARGER THAN BOLT DIAMETER.

16. ALL HEADERS AND BEAMS TO BE SUPPORTED BY DOUBLE JACK STUDS, (2) 2x6, UNLESS NOTED.

17. ALL WOOD & ENGINEERED WOOD PRODUCTS SHALL BE PLACED ABOVE GRADE AND COVERED WITH TARPS, OR EQUIVALENT MEANS, TO PREVENT DETERIORATION BY SUNLIGHT, WATER, AND WIND ONCE AT THE SITE. ALL DETERIORATED MEMBERS CAN BE REJECTED BASED ON THE DECISION OF THE ENGINEER.

18. ALL ENGINEERED PLYWOOD AND ORIENTED STRAND BOARD SHALL MEET APA ENGINEERED WOOD PRODUCT ASSOCIATION STANDARDS. ALL EXTERIOR SHEATHING SHALL MEET APA EXPOSURE 1 CLASSIFICATIONS.

19. ALL NAIL SIZES AND SPACING TO BE IN ACCORDANCE W/ PRESCRIPTIVE NYS BUILDING CODE REQUIREMENT, CH. 23 - WOOD, PART 2304.9 - GENERAL CONSTRUCTION REQUIREMENTS FOR CONNECTIONS AND FASTENERS, TABLE 2304.91. STAPLES SHALL NOT BE PERMITTED UNLESS NOTES ON PLANS.
- FOUNDATION NOTES
1. FOUNDATION HAS BEEN DESIGNED TO RESIST UPLIFT AND OVERTURNING FORCES WITH OVERBURDEN RESISTANCE THIS CONTRACTOR SHALL NOT PLACE ROOF STRUCTURE WITHOUT PRIOR COMPLETELY INSTALLING BACKFILL AND / OR FOUNDATION SLAB STRUCTURE.

2. FOOTINGS HAVE BEEN DESIGNED TO REST ON IN-SITU SOIL, WITH AN ALLOWABLE BEARING CAPACITY OF 4,000 P.S.F. IF ACTUAL CONDITIONS DIFFER THAN WHAT ASSUMED, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, PRIOR TO PROCEEDING WITH WORK.

3. ALL SUB BASE MATERIAL SHALL BE COMPACTED TO 95% OF OPTIMUM MODIFIED PROCTOR DRY DENSITY ASTM-D1557, WITH A MOISTURE CONTENT OF $\pm$ 2% OF OPTIMUM.

4. ALL ORGANIC MATERIAL TO BE REMOVED PRIOR TO PLACEMENT OF SUB-BASE / FOUNDATION.

5. ALL SUB GRADE MATERIAL TO BE PROOF ROLLED PRIOR TO PLACEMENT OF FOOTINGS, ANY AREA OBSERVED TO HAVE SPONGY MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PROCEEDING.

6. DO NOT PLACE FOOTINGS IN WATER NOR ON FROZEN GROUND.

7. DO NOT ALLOW GROUND BENEATH FOOTINGS TO FREEZE.

8. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS, PIPING, CONDUIT, AND DUCT PENETRATIONS THROUGH FOUNDATION FOOTINGS, WALLS & SLABS PRIOR TO PLACEMENT OF CONCRETE. ALL PENETRATIONS SHALL BE SLEEVED OR CHASED, NO CORE DRILLING WILL BE PERMITTED, UNLESS APPROVED BY THE ENGINEER.

9. ALL EXCAVATIONS SHALL BE CONDUCTED AND BRACED IN ACCORDANCE WITH THE PROVISION OF THE OCCUPANCY SAFETY AND HEALTH ADMINISTRATION "STANDARDS FOR THE CONSTRUCTION INDUSTRY, 29 CFR PART 1926-SUB PART P - EXCAVATIONS".

10. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY UNSUITABLE MATERIAL IS UNCOVERED DURING EXCAVATION. AT THE DISCRETION OF THE ENGINEER, UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH CONTROLLED FILL CONSISTING OF NYSDOT ITEM # 304.11 OR EQUAL. SUBGRADE SHALL BE COMPACTED IN 10" LIFTS TO 95% OF OPTIMUM MODIFIED PROCTOR DRY DENSITY. ALL LIFTS SHALL BE TESTED AT A RATIO OF 1 PER 500 SF OR AT THE DISCRETION OF THE ENGINEER.

11. AS PER NYS CODE RULE 753, THE CONTRACTOR SHALL PROVIDE DUE AND TIMELY NOTICE TO "DIG SAFELY NEW YORK" AT 1-800-962-7962 AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING DEMOLITION OR EXCAVATION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE NYS CODE RULE 753. UPON DISCOVERY OF UNKNOWN UNDERGROUND FACILITIES, CABLING, ETC. WORK IN THAT AREA SHALL CEASE, NOTIFY UFPO, OWNER AND ENGINEER IMMEDIATELY, DO NOT PROCEED WITH WORK UNTIL RECEIVING WRITTEN DIRECTION TO DO SO FROM THE OWNER'S PROJECT REPRESENTATIVE.
- ADHESIVE ANCHOR NOTES
1. ALL EPOXY TO BE USED IN ADHESIVE ANCHOR ASSEMBLIES SHALL CONSIST OF THE FOLLOWING UNLESS NOTED OTHERWISE:

BASE MATERIAL

CONCRETE

GROUTED CMU

UNGROUTED CMU

STONE / BRICK

EPOXY TYPE

HILTI HIT HY 200

HILTI HIT HY 200

HILTI HIT HY 270

(MESH SLEEVE REQUIRED)

HILTI HIT HY 270

2. ALL THREADED ROD TO BE USED IN ADHESIVE ANCHOR ASSEMBLIES SHALL CONSIST OF HILTI HAS-E THREADED ROD UNLESS NOTED OTHERWISE. IF DRAWING SET DESIGNATES REBAR TO BE USED WITH ADHESIVE ANCHORAGE, REBAR SHALL CONFORM TO ASTM A615.

3. ALL ADHESIVE ANCHORS SHALL BE SUPPLIED AS A COMPLETE SYSTEM INCLUDING A NEW ADHESIVE CARTRIDGE, CLEAN MIXING NOZZLE, EXTENSION TUBE, DISPENSING GUN, AND ALL EQUIPMENT REQUIRED TO INSTALL THE ADHESIVE ANCHOR IN A PROPERLY CLEANED HOLE INCLUDING, BUT NOT LIMITED TO, DRILLS, SETTING TOOLS, CLEAN OUT BRUSHES, BLOW OUT BULBS, OIL FREE COMPRESSED AIR, ETC.

4. NUTS, WASHERS, AND OTHER HARDWARE USED IN CONJUNCTION WITH THE ADHESIVE ANCHOR ASSEMBLY SHALL MATCH THE MATERIAL TYPE OF THE THREADED ROD.

5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI, AND A TEMPERATURE OF AT LEAST 50 DEGREES AT TIME OF ADHESIVE ANCHOR INSTALLATION.

6. ADHESIVES SHALL BE STORED AND INSTALLED IN ACCORDANCE WITH THE SERVICE TEMPERATURE RANGES RECOMMENDED BY THE MANUFACTURER.

7. ADHESIVE ANCHORS SHALL BE INSTALLED ONLY BY QUALIFIED, TRAINED CONTRACTORS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

8. ADHESIVE ANCHORS SHALL NOT BE USED IN OVERHEAD / VERTICALLY INCLINED APPLICATIONS OR UNDER SUSTAINED TENSION LOADING WITHOUT SPECIAL PERMISSION FROM THE ENGINEER.

9. HOLES SHALL BE DRILLED WITH A ROTARY IMPACT DRILL OR ROCK DRILL. HOLES SHALL BE THOROUGHLY CLEANED (BLOW-BRUSH-BLOW METHODOLOGY) IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO ADHESIVE INJECTION. HOLES SHALL BE PROTECTED AFTER CLEANING TO PREVENT CONTAMINATION PRIOR TO INJECTION AND RE-CLEANED IF NECESSARY.

10. UNLESS OTHERWISE INDICATED BY THE MANUFACTURER, ADHESIVE SHALL BE DISPENSED THROUGH A TUBE OR CARTRIDGE EXTENSION, BEGINNING AT THE MAXIMUM DEPTH OF THE HOLE AND WITHDRAWN AS ADHESIVE IS INJECTED, FOLLOWED BY INSERTION AND ROTATION OF THE ANCHOR ROD TO THE SPECIFIED DEPTH.

11. ANCHOR ROD SHALL BE CLEAN AND FREE OF OIL, RUST, PAINT OR OTHER COATINGS PRIOR TO INSTALLATION. ANCHORS SHALL BE SECURELY FIXED IN PLACE TO PREVENT DISPLACEMENT WHILE THE ADHESIVE CURES.
- CONCRETE NOTES
1. ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE: ACI 318-14 & THE NEW YORK STATE BUILDING CODE W/ EMPHASIS ON CH. 19 - CONCRETE.

2. CONCRETE SHALL CONSIST OF THE FOLLOWING:

READY MIX CONCRETE (ASTM C94)

28 DAY COMPRESSIVE STRENGTH - ASTM C 39/C 39M (UNLESS NOTED)

FOOTING

4,000 PSI

WALL/PIER

4,000 PSI

INTERIOR SLAB

3,000 PSI

EXTERIOR SLAB

4,000 PSI

MAX. WATER / CEMENT RATIO

0.50

0.0% AIR CONTENT

MAX. WATER / CEMENT RATIO

0.50

MAX AGGREGATE CONTENT SIZE OF 3/4 INCH (ASTM C33)

MAX SLUMP OF 5" + OR - AN INCH (ASTM C143)

FIBERMESH OR APPROVED EQUAL: 1.5 LBS / CUBIC YARD (WHEN INDICATED)

PORTLAND CEMENT: ASTM-C 150, TYPE 1

CLEAN POTABLE DRINKING WATER

AIR CONTENT TO BE 6% +/- 1.5% (INTERIOR SLABS TO HAVE 0% AIR)

FLY ASH ASTM C-618 (FOR INT. SLAB ONLY WHEN INDICATED)

3. REINFORCING STEEL SHALL CONSIST OF THE FOLLOWING:

REINFORCING BARS: ASTM -A 615 GRADE 60 KSI

WELDED WIRE FABRIC: ASTM-A 185

4. PROVIDE CONTINUOUS REINFORCING WHEREVER POSSIBLE, PLACE ONLY AS SHOWN OR APPROVED, STAGGER SPLICES WHERE POSSIBLE.

5. ALL REINFORCING STEEL AND EMBEDMENT TO BE HELD SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO ALLOW WALKING ON REINFORCEMENT.

6. DETAIL ACCORDING TO ACI STANDARD 315, MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCING CONCRETE STRUCTURES.

7. CONCRETE MEMBERS SHALL NOT BE LOADED UNTIL SATISFACTORY CONCRETE STRENGTH HAS BEEN OBTAINED.

8. NO ADMIXTURES MAY BE USED UNLESS PRIOR APPROVAL BY THE OWNER/ENGINEER.

9. COLD WEATHER REQUIREMENT SHALL BE USED DURING FREEZING OR NEAR FREEZING WEATHER - ACI 306.1-90. COLD WEATHER IS DEFINED AS 3 DAYS WITH AVG. TEMP. BELOW 40F.

10. DURING HOT WEATHER CONCRETE SHALL BE PLACED AND CURED IN ACCORDANCE WITH ACI 305.

11. PROVIDE CORNERS BARS IN ALL WALLS AND FOOTINGS THE SAME SIZE AS ALL CONTINUOUS REINFORCEMENT. CORNERS BARS TO BE LAPPED 2'-2" WITH MAIN REINFORCING BARS FOR #3 THRU #6 BARS.

12. CONCRETE WALLS TO ATTAIN A MINIMUM STRENGTH OF 70% BEFORE BACKFILLING WITH GRAVEL MATERIAL.

13. CONCRETE COVER FOR PLACEMENT OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 3, WHICH IS INDICATED BELOW, UNLESS NOTED ON DRAWINGS.

CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND :

3"

EXPOSED TO WEATHER, OR IN CONTACT WITH GROUND

2"

#6 BARS AND LARGER

#5 BARS AND SMALLER

1 1/2"

NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND FOR BEAMS & COL:

1 1/2"

NOT EXPOSED TO WEATHER FOR SLABS AND WALLS

2"

LIST OF ABBREVIATIONS

ARCH	- ARCHITECT OF RECORD	MIN	- MINIMUM
BLK	- BLOCKING	MISC	- MISCELLANEOUS
BM	- BEAM	NTS	- NOT TO SCALE
BRDG	- BRIDGING	OC	- ON CENTER
BRG	- BEARING	OCBW	- ON CENTER EACH WAY
BTWN	- BETWEEN	OCH	- ON CENTER HORIZONTALLY
BTM	- BOTTOM	OCV	- ON CENTER VERTICALLY
CLG	- CEILING	OWJ	- OPEN WEB JOIST(S)
COL	- COLUMN	PERF	- PERFORATED
CONC	- CONCRETE	PL	- PLATE
CONN	- CONNECTION	PNT	- POINT
CONSTR	- CONSTRUCTION	PRE-ENG	- PRE-ENGINEERED
CONT	- CONTINUOUS	PT	- PRESSURE TREATED
CL	- CENTER LINE	PROP	- PROPOSED
CMU	- CONCRETE MASONRY UNIT	r	- RIPPED
CT	- COLLAR TIE	RC	- ROUGH CUT
DBL	- DOUBLE	REBAR	- REINFORCING BAR
DIA	- DIAMETER	REINF	- REINFORCEMENT
DIAG	- DIAGONAL	REQ	- REQUIRED
DTL	- DETAIL	RFT	- RAFTER(S)
DWG	- DRAWING	SBO	- SELECTED BY OWNER
EA	- EACH	SIM	- SIMILAR
ELEV	- ELEVATION	SP	- SPLICE
EMBED	- EMBEDMENT	SQ	- SQUARE
ENG	- ENGINEER	SST	- SIMPSON STRONG TIE
EQ	- EQUAL	STRCT	- STRUCTURAL
EX	- EXISTING	SW	- SHEAR WALL
EXT	- EXTERIOR	TEMP	- TEMPORARY
EXP	- EXPANSION	TBD	- TO BE DETERMINED
FDN	- FOUNDATION	THK	- THICKNESS
FF	- FINISH FLOOR	T&G	- TONGUE & GROOVE
FLR	- FLOOR	TOP	- TOP OF FOOTING
FS	- FOOTING STEP	TOS	- TOP OF STEEL
FTE	- FOOTING	TOSH	- TOP OF SHELF
GALV	- GALVANIZED	TOSL	- TOP OF SLAB
GA	- GAUGE	TOW	- TOP OF WALL
HD	- HOLD DOWNS	TYP	- TYPICAL
HDR	- HEADER	UN	- UNLESS NOTED
HORZ	- HORIZONTAL	VERT	- VERTICAL
IMPR	- IMPROVEMENTS	VLY	- VALLEY
INT	- INTERIOR	VF	- VERIFY IN FIELD
I-JST	- I - JOIST(S)	VCJ	- VERTICAL CONTROL JOINT
JNT	- JOINT	VWA	- VERIFY WITH ARCHITECT
JST	- JOIST(S)	w/	- WITH
LDGR	- LEDGER	WS	- WALL STEP
LOC	- LOCATION		
LVL	- LAMINATED VENEER LUMBER		
MAX	- MAXIMUM		
MANUF.	- MANUFACTURER		

STEEL NOTES

1. ALL STRUCTURAL STEEL TO BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH CURRENT AISC SPECIFICATIONS.

2. ALL STRUCTURAL STEEL SHALL MEET THE FOLLOWING ASTM STANDARDS & MATERIAL PROPERTIES:

W & WT SHAPES:

HSS SHAPES:

C & MC SHAPES:

L SHAPES:

PIPE:

PLATE STOCK:

ASTM A992 (50 KSI)

ASTM A500 (46 KSI)

ASTM A36 (36 KSI)

ASTM A36 (36 KSI)

ASTM A53, TYPE E OR S, GRADE B (35 KSI)

ASTM A36 (36 KSI)

5. ALL STRUCTURAL STEEL TO HAVE ONE COAT OF STANDARD SHOP PRIMER. TOUCH UP ALL STRUCTURAL STEEL AFTER ERECTION W/ SAME PRIMER.

6. CONTRACTOR / FABRICATOR SHALL NOT DRILL HOLES, CUT NOTCHES, COPE FLANGES, OR OTHERWISE MODIFY STEEL MEMBERS UNLESS DETAILED ON THE STRUCTURAL DRAWING SET OR APPROVED BY THE ENGINEER.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND PREPARATIONS REQUIRED FOR INSTALLATION. CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL CURRENT OSHA STANDARDS.

8. ALL CONNECTION COMPONENTS (FASTENERS, PLATE STOCK, WASHERS, ETC.) USED IN GALVANIZED FRAMING CONNECTIONS TO BE HOT DIP GALVANIZED. ALL CONNECTION COMPONENTS USED IN STAINLESS STEEL FRAMING CONNECTIONS TO BE STAINLESS STEEL.

9. ALL BOLT HOLES TO BE DRILLED 1/16" LARGER THAN THE BOLT DIAMETER.

10. ALL BOLTS TO BE HIGH STRENGTH BOLTS A325X - 3/4" DIAMETER w/ WASHERS, UNLESS NOTED OTHERWISE.

11. ALL EXTERIOR STEEL MEMBERS, COMPONENTS, & BOLTS SHALL BE HOT DIP GALVANIZED, UNLESS NOTED OTHERWISE.

12. ALL WELDS SHALL CONSIST OF E70XX (70 KSI) ELECTRODE AND MEET AISC MIN AND MAX SIZE CRITERIA.

13. ALL WELDING SHALL CONFORM TO CURRENT AWS STANDARDS AND BE PERFORMED BY AN AWS CERTIFIED WELDER.

14. WHERE FILLET WELD SIZES ARE NOTED AS "AISC MIN" ON DRAWINGS, FABRICATOR TO PROVIDE MINIMUM SIZE WELD BASED ON MATERIAL THICKNESS AND FOLLOWING CHART. ACTUAL WELD SIZES TO BE SHOWN ON SHOP DRAWINGS.

MATERIAL THICKNESS OF THINNER PART JOINED (IN)	MINIMUM SIZE OF FILLET WELD (IN)	MAXIMUM SIZE OF FILLET WELD (IN)
TO 1/4 INCLUSIVE	1/8	1/4
OVER 1/4 TO 1/2	3/16	THICKNESS OF MATERIAL - 1/16"
OVER 1/2 TO 3/4	1/4	
OVER 3/4	5/16	

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P&O #: 26010.0

DATE : 05/14/2026

DRAWN BY: CTG | APPROVED BY: MAO

REVISIONS:

DATE	DESCRIPTION
5-14-26	PERMIT SET

HUBER CAR PORT
116 VALLEY VIEW WAY,
LAKE HILL, NY 12448

ULSTER COUNTY, NEW YORK

T/O LAKE HILL

STRUCTURAL
NOTES

S0.0

DRAWING SUMMARY:

S0.0 -

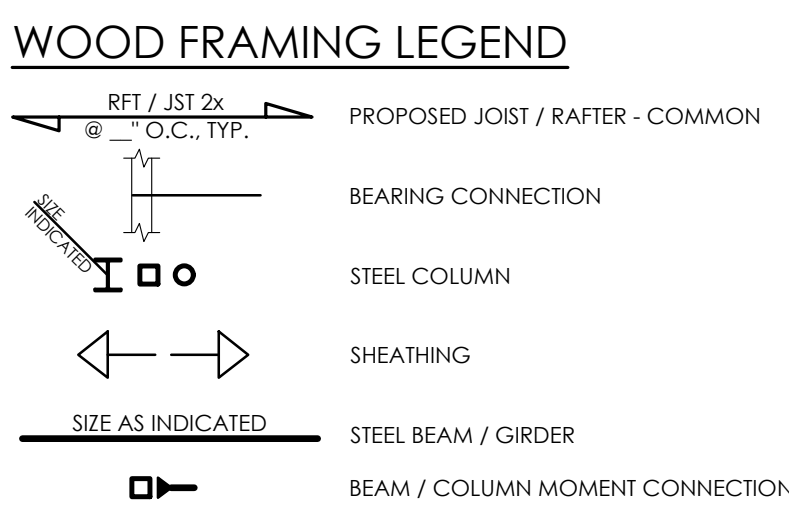
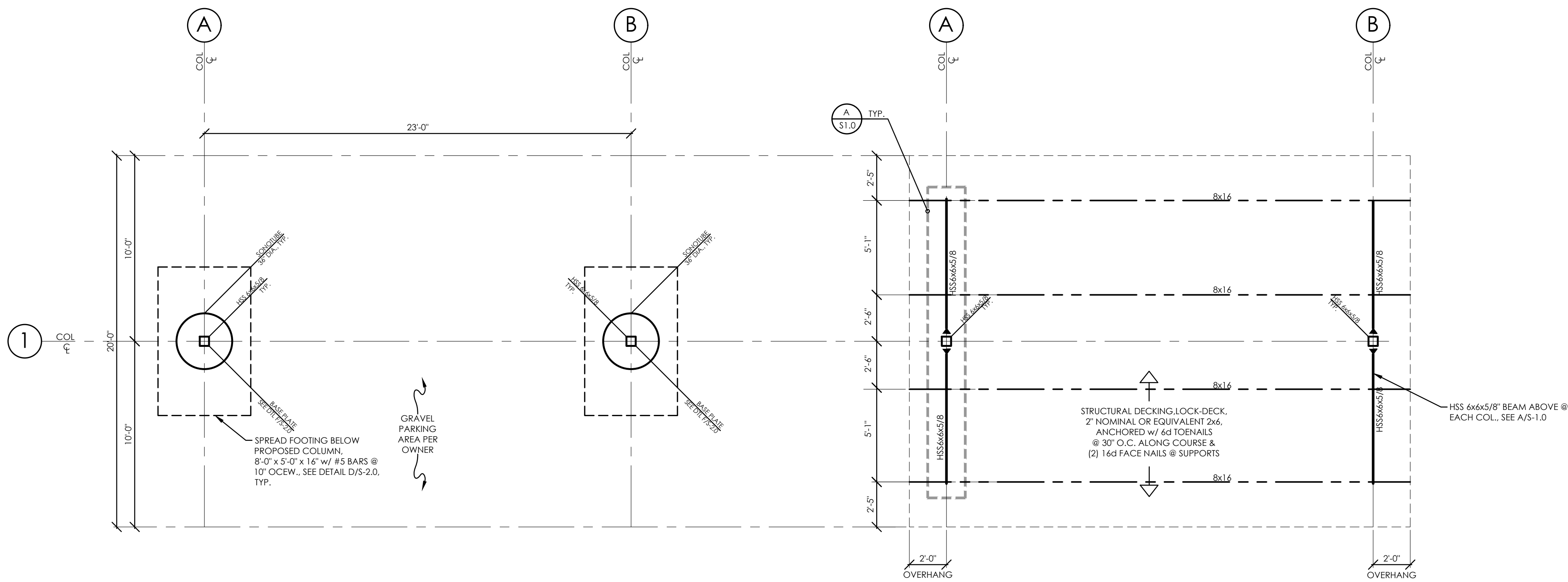
STRUCTURAL NOTES

S1.0 -

PLANS & DETAILS

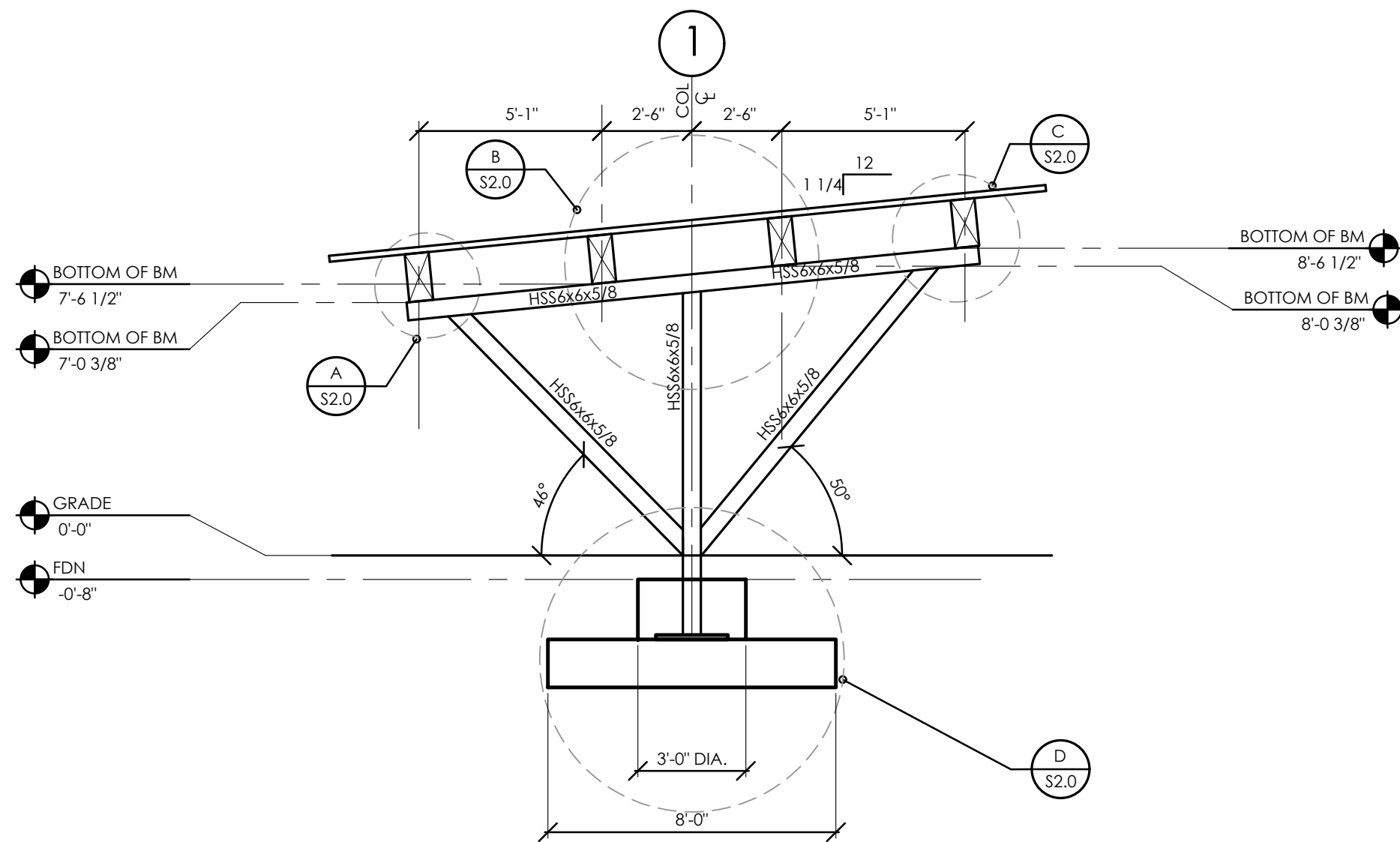
S2.0 -

STRUCTURAL DETAILS



ROOF FRAMING PLAN
SCALE: 1/4" = 1'

NOTE: ALL WOOD SHALL BE
FULL SAWN DOUGLAS FIR NO. 1



ELEVATION VIEW
SCALE: 1/4" = 1'



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PLANS & DETAILS

S1.0



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STRUCTURAL
DETAILS

S2.0

