<u>GENE</u>	RAL	NO	<u>TES</u>

THE STRUCTURE HAS BEEN DESIGNED TO RESIST CODE SPECIFIED VERTICAL AND LATERAL FORCES AFTER THE CONSTRUCTION OF ALL STRUCTURAL ELEMENTS HAS BEEN COMPLETED. STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THIS RESPONSIBILITY INCLUDES BUT IS NOT LIMITED TO JOB SITE SAFETY; ERECTION MEANS, METHODS, AND SEQUENCES; TEMPORARY SHORING, FORMWORK, BRACING; USE OF EQUIPMENT AND CONSTRUCTION PROCEDURES. PROVIDE ADEQUATE RESISTANCE TO LOADS ON THE STRUCTURES DURING CONSTRUCTION PER SEI/ASCE STANDARD NO. 37-14 "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION."

CONSTRUCTION OBSERVATION BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH DESIGN ASPECTS ONLY AND IS NOT INTENDED IN ANY WAY TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES

STANDARDS

ALL METHODS, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION.

DESIGN CRITERIA

VERTICAL LOADS

AREA	DESIGN DEAD LOAD	LIVE LOAD	PARTITION LOAD	CONCENTRATED LOADS
MECHANICAL PLATFORM	ACTUAL	40 PSF	+EQUIPMENT	

SNOW: (MINIMUM ROOF SNOW LOAD = 25 PSF)

LATERAL FORCES

SEISMIC: (ASCE 7-16)

 $Fp = \frac{0.4a_p S_{DS}W_p}{D} (1+2\frac{z}{b})$ MINIMUM = 0.044 $S_{DS} I_E \ge 0.01$

COMPONENT IMPORTANCE FACTOR lp = 1.5

COMPONENT RESPONSE MODIFICATION FACTOR Rp = 6 COMPONENT AMPLIFICATION FACTOR ap = 2.5

COMPONENT OPERATING WEIGHT Wp = 30k HEIGHT OF ATTACHMENT z = 52.5ft

AVERAGE ROOF HEIGHT h = 52.5ft

DESIGN SPECTRAL RESPONSE ACCELERATIONS S_{DS} = 1.013 Fp = 0.76Wp

HORIZONTAL FORCE, Fp = 22.8k

PIPES, DUCTS AND MECHANICAL EQUIPMENT SUPPORTED OR BRACED FROM STRUCTURE. CONFORM TO SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC. PUBLICATION "SEISMIC RESTRAINT MANUAL: GUIDELINES FOR MECHANICAL SYSTEMS". SPRINKLER LINE ATTACHMENTS SHALL CONFORM TO NFPA PAMPHLET 13.

STRUCTURAL STEEL

DETAILING, FABRICATION AND ERECTION

ALL WORKMANSHIP SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION, 15TH EDITION, THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS JULY 7, 2016, THE AISC CODE OF STANDARD PRACTICE, JUNE 15, 2016 AND THE AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, JULY 12, 2016.

STEEL MEMBERS ARE EQUALLY SPACED BETWEEN COLUMNS AND/OR DIMENSION POINTS UNLESS NOTED OTHERWISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDES AND JOINT PREPARATIONS THAT INCLUDE BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES, AND OTHER AIDES, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, WELD EXTENSION TABS, COPES, SURFACE ROUGHNESS VALUES AND TAPERS OF UNEQUAL PARTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLIANCE WITH ALL CURRENT OSHA REQUIREMENTS.

HOLES, COPES OR OTHER CUTS OR MODIFICATIONS OF THE STRUCTURAL STEEL MEMBERS SHALL NOT BE MADE IN THE FIELD WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

STEEL FABRICATORS

NON-AISC CERTIFIED STEEL FABRICATORS SHALL HAVE FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

STEEL ERECTORS

NON-AISC CERTIFIED STEEL ERECTORS SHALL HAVE FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

STEEL DETAILERS

ALL STEEL DETAILING SHALL BE PERFORMED BY A DETAILER WITH FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

MATERIAL PROPERTIES

WIDE FLANGE SECTIONS: ASTM A992 (Fy = 50 KSI)

OTHER SHAPES AND PLATES: ASTM A36 (Fy = 36 KSI) TYP. U.N.O.; ASTM A572 (Fy = 50 KSI) WHERE INDICATED HOLLOW STRUCTURAL SECTIONS: RECTANGULAR & SQUARE - ASTM A500 GRADE C (Fy = 50 KSI) ROUND - ASTM $\overline{\text{A500 GRADE C}}$ (Fy = 46 KSI)

STRUCTURAL STEEL PIPES: ASTM A53, GRADE B, TYPE E OR S (Fy = 35 KSI)

MACHINE BOLTS (M.B.): ASTM A307, GRADE A

HIGH-STRENGTH BOLTS: ASTM F3125, GRADE F1852, UNLESS NOTED OTHERWISE, ASTM F3125, GRADE F2280 WHERE INDICATED

WELDING

STRUCTURAL STEEL: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE" AWS D1.1

CERTIFICATION: ALL WELDING SHALL BE PERFORMED BY WABO/AWS CERTIFIED WELDERS. WELDERS SHALL BE PREQUALIFIED FOR EACH POSITION AND WELD TYPE WHICH THE WELDER WILL BE PERFORMING.

WELD TABS (ALSO KNOWN AS WELD "EXTENSION" TABS OR "RUN OFF" TABS) SHALL BE USED. AFTER THE WELD HAS BEEN COMPLETED THE WELD TABS SHALL BE REMOVED AND THE WELD END GROUND TO A SMOOTH CONTOUR. WELD "DAMS" OR "END DAMS" SHALL NOT BE USED.

THE PROCESS CONSUMABLES FOR ALL WELD FILLER METAL INCLUDING TACK WELDS, ROOT PASS AND SUBSEQUENT PASSES DEPOSITED IN A JOINT SHALL BE COMPATIBLE.

ALL WELD FILLER METAL AND WELD PROCESS SHALL PROVIDE THE TENSILE STRENGTH AND CHARPY V-NOTCH RATINGS AS FOLLOWS:

WELD TYPE	FILLER METAL TENSILE STRENGTH	CHARPY V-NOTCH (CVN) RATING
FILLET	70 KSI	
PARTIAL PENETRATION	70 KSI	
COMPLETE PENETRATION	70 KSI	20 FT-LBS @ 40 DEG F

BAR GRATING: SHALL BE RYERSON "RY-WELD" STEEL GRATING OR PRE-APPROVED EQUAL AND DESIGNED TO OSHA STANDARDS. GRATING SHALL BE DESIGNED TO CARRY THE LOADS LISTED IN THE DESIGN CRITERION AND ANY ADDITIONAL LOADS INDICATED ON THE FRAMING PLAN. PROVIDE SHOP AND INSTALLATION DRAWINGS PRODUCED UNDER THE SUPERVISION OF AND BE STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. DETAIL DRAWINGS TO INDICATE TYPES, SIZE, SPACING, CONNECTIONS, ANCHORING AND OTHER PERTINENT DETAILS.

1. STRI CON

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CONSTR

WITH IBC 1704.6.

WELDED CONNECTIONS INSPECTION:

1. ALL WELDING SHALL BE CHECKED BY VISUAL MEANS AND BY OTHER METHODS DEEMED NECESSARY BY THE WELDING INSPECTOR.

2. ALL FULL PENETRATION WELDS TO MEMBERS WHICH FORM A PORTION OF THE LATERAL FORCE-RESISTING SYSTEM SHALL BE CHECKED 100 PERCENT BY ULTRASONIC TESTING.

THE STANDARDS OF ACCEPTANCE FOR WELDS TESTED BY ULTRASONIC METHODS SHALL CONFORM TO AWS D1.1.

ALL WELDS FOUND TO BE DEFECTIVE SHALL BE REPAIRED AND REINSPECTED BY THE SAME METHODS ORIGINALLY USED. AND THIS REPAIR AND REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR

GENERAL REQUIREMENTS

HIGH-STRENGTH BOLTS: ALL A325 HIGH-STRENGTH BOLTS (HSB) SHALL BE ASTM F3125, GRADE F1852, UNLES OTHERWISE DESIGNATED AS A490. ALL HSB DESIGNATED AS A490 SHALL BE ASTM F3125, GRADE F2280. ALL HSB Construction Review Services has authorized SHALL BE BY "LEJEUNE BOLT COMPANY" OR PRE-APPROVED EQUAL AND SHALL BE INSTALLED PER SECTION OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS", AUGUST 2014 BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC SPECIFICATION). ALL BOLT HOLES SHALL BE STANDARD ROUND HOLES UNLESS NOTED OTHERWISE. THE FAYING SURFACES OF ALL PLIES WITHIN THE GR OF SLIP-CRITICAL BOLTS (A325SC OR A490SC) SHALL MEET THE REQUIREMENTS FOR A CLASS A SURFACE PER SECTION 3.2 OF THE RCSC SPECIFICATION.

BOLTED CONNECTIONS INSPECTION: CONNECTIONS MADE WITH BEARING TYPE BOLTS SHALL BE INSPECTED PER SECTION 9.1 AND CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL BE INSPECTED PER SECTION 9.3 OF RCSC SPECIFICATION.

FINISH: WHERE STRUCTURAL STEEL IS NOTED TO BE GALVANIZED, IT SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123, A384, AND A385. ALL SURFACES WITHIN TWO INCHES OF ANY FIELD WELD LOCATION SHALL BE FREE OF MATERIALS THAT WOULD PREVENT PROPER WELDING OR PRODUCE OBJECTIONABLE FUMES. FIELD TOUCH-UP OF PRIMED, PAINTED, AND GALVANIZED SURFACES SHALL BE PERFORMED TO REPAIR COATING ABRASIONS, AS WELL AS TO PROTECT ALL AREAS AT CONNECTIONS.

SHOP DRAWINGS/SUBMITTALS

THE FOLLOWING SHOP DRAWINGS/SUBMITTALS SHALL BE PROVIDED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR DELIVERY.

JCTURAL STEELXXTRACTOR'S STATEMENT OF RESPONSIBILITYXX		STRUCTURAL ENGR.	BLDG. DEPT.
TRACTOR'S STATEMENT OF RESPONSIBILITY X X	JCTURAL STEEL	Х	Х
	TRACTOR'S STATEMENT OF RESPONSIBILITY	Х	Х

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING LABORATORY PER THE REQUIREMENTS OF IBC CHAPTER 17 AND THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION AND THE CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS AND A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL FOR THE ITEMS LISTED IN THE QUALITY ASSURANCE/SPECIAL **INSPECTION SECTION:**

STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND 1705 AND AS NOTED HEREIN.

JRAL	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
UCTION	MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS		Х		AISC 360 CHAPTER N5
	HIGH-STRENGTH BOLTING A. SNUG-TIGHT JOINTS B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST OFF BOLTS OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION		X X		AISC 360 CHAPTER N5 AISC 341 CHAPTER J7
	MATERIAL VERIFICATION OF STRUCTURAL STEEL A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360 B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS		X X	MANUFACTURER TO PROVIDE CERTIFIED MILL TEST REPORTS	AISC 360 CHAPTER N5 AISC 341 CHAPTER J6
	MATERIAL VERIFICATION OF WELD FILLER MATERIALS A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATIONS LISTED IN GENERAL NOTES B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE		X X	MANUFACTURER TO PROVIDE CERTIFICATE OF COMPLIANCE	AISC 360 CHAPTER N5
	INSPECTION OF WELDING A. COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	X		SPECIAL INSPECTIONS IN THIS SECTION ARE WAIVED WHERE FABRICATION IS PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5	AISC 360 CHAPTER N5 AISC 341 CHAPTER J6 AWS D1.1

TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.

STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:

» PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.

» REVIEW OF TESTING AND INSPECTION REPORTS.

» REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.

GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

Reviewed for Buildin Code Compliance By David Leahy Building Permit No. B-21-0700 Date of Approval 1/12/2022

Authorized to Begin Construction

this project to begin construction.

- See accompanying project comment form for review status and corrections.
- This is not a building permit, check with your local building department.

11/16/2021 6:06:18 PM

APPROVED

FRM'G	FRAMING	TRT'D
F.R.T.	FIRE RETARDANT TREATED	TYP.
F.S.	FAR SIDE	U.N.O.
FTG	FOOTING	U.T.
GA.	GAGE/GAUGE	VERT.
GALV.	GALVANIZED	M/
GL.	GLULAM	W.P.
GR.	GRADE	MT
GWB	GYPSUM WALL BOARD	W.W.R.
	STRUCTURAL D	RAWING INDEX

SHEET NUMBER

S0.00

S1.00

Grand total: 2

			HORIZONTAL
A.F.F.	ADUVE FINISH FLUUR	HSS	HULLOW STRUCTURAL SECTION
ALT.	ALTERNATE	HT	HEIGHT
ARCH.	ARCHITECTURAL	INT.	INTERIOR
BLD'G	BUILDING	JST	JOIST
BLK'G	BLOCKING	TL	JOINT
BM	BEAM	L	ANGLE
B.O.F.	BOTTOM OF FOOTING	I.F.R.S.	LATERAL FORCE-RESISTING SYSTEM
BOT	BOTTOM		
		L.L.	
BRB	BUCKLING RESTRAINED BRACE		LONG LEG HORIZONTAL
BRG	BEARING	LLV	LONG LEG VERTICAL
BTWN	BETWEEN	LOC.	LOCATION
B.U.	BUILT UP	LSL	LAMINATED STRAND LUMBER
(C=)	CAMBER	LVL	LAMINATED VENEER LUMBER
CANT.	CANTILEVER	MAX.	MAXIMUM
CFS	COLD-FORMED STEEL	M.B.	MACHINE BOLT
C. I	CONTROL/CONSTRUCTION JOINT	MECH	MECHANICAL
<u>с.</u>			
Ψ		MEZZ.	
CLR.	CLEARANCE	MFR	MANUFACTURER
CMU	CONCRETE MASONRY UNIT	MIN.	MINIMUM
COL.	COLUMN	MISC.	MISCELLANEOUS
CONC.	CONCRETE	MTL	METAL
CONN.	CONNECTION	N.F.	NEAR FACE
CONST	CONSTRUCTION	NG	NEAR SIDE
		NTG	
CONT.		N15	
CONTR.	CONTRACTOR	0.C.	ON CENTER
COORD.	COORDINATE	OPN'G	OPENING
C.P.	COMPLETE PENETRATION	OPP.	OPPOSITE
CTR'D	CENTERED	P.A.F.	POWDER ACTUATED FASTENER
C.Y.	CUBIC YARD	PERP.	PERPENDICULAR
DBL.	DOUBLE	fP	PLATE
DCW	DEMAND CRITICAL WELD	4q	PARTIAL PENETRATION
	DOUGLAS FIR	таа	
	DUUULAJIIK	F.F.I.	
DIA. UR Ø	DIAMETER	P.5.F.	POUNDS PER SQUARE FOOT
DIAG.	DIAGONAL	PSL	PARALLAM
DIM.	DIMENSION	P.T.	POST TENSION
D.L.	DEAD LOAD	PW.	PLYWOOD
DWG	DRAWING	REINF.	REINFORCEMENT
DWL	DOWEL	REQ'D	REQUIRED
(E)	EXISTING	SCHED	SCHEDULE
(E) EA	EXISTING	SCHED.	SCHEDULE
(E) EA.	EXISTING EACH	SCHED. SCL	SCHEDULE STRUCTURAL COMPOSITE LUMBER
(E) EA. E.F.	EXISTING EACH EACH FACE	SCHED. SCL SHT'G	SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING
(E) EA. E.F. EL.	EXISTING EACH EACH FACE ELEVATION	SCHED. SCL SHT'G SIM.	SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SIMILAR
(E) EA. E.F. EL. ELEV.	EXISTING EACH EACH FACE ELEVATION ELEVATOR	SCHED. SCL SHT'G SIM. S.O.G.	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSLAB ON GRADE
(E) EA. E.F. EL. ELEV. ENGR	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER	SCHED. SCL SHT'G SIM. S.O.G. SQ.	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSLAB ON GRADESQUARE
(E) EA. E.F. EL. ELEV. ENGR EQ.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSLAB ON GRADESQUARESTANDARD
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF.	 SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SIMILAR SLAB ON GRADE SQUARE STANDARD STIFFENER
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STI	 SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SIMILAR SLAB ON GRADE SQUARE STANDARD STIFFENER STEEL
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STL	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSLAB ON GRADESQUARESTANDARDSTIFFENERSTEELSTRUCTURAL
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR EQUINDATION	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STL STRUCT.	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSLAB ON GRADESQUARESTANDARDSTIFFENERSTEELSTRUCTURALLOR & BOTTOM
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT. FDN	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STL STRUCT. T& B	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSLAB ON GRADESQUARESTANDARDSTIFFENERSTEELSTRUCTURALTOP & BOTTOM
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT. FDN F.F.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION FAR FACE	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STL STRUCT. T&B T&G	 SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SIMILAR SLAB ON GRADE SQUARE SQUARE STANDARD STIFFENER STEEL STRUCTURAL TOP & BOTTOM TONGUE AND GROOVE
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT. FDN F.F. FLR	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION FAR FACE FLOOR	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STL STRUCT. T&B T&G THR'D	 SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SIMILAR SLAB ON GRADE SQUARE SQUARE STIFFENER STIEEL STRUCTURAL TOP & BOTTOM TONGUE AND GROOVE THREADED
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT. FDN F.F. FLR F.O.M.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION FAR FACE FLOOR FACE OF MASONRY	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STL STRUCT. T&B T&G THR'D T.O.F.	 SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SHEATHING SIMILAR SIMILAR SLAB ON GRADE SQUARE SQUARE STANDARD STIFFENER STEEL STRUCTURAL TOP & BOTTOM TONGUE AND GROOVE THREADED TOP OF FOOTING
(E) EA. E.F. EL. ELEV. ENGR EQ. E.W. EXP. EXT. FDN F.F. FLR F.O.M. F.O.S.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION FAR FACE FLOOR FACE OF MASONRY FACE OF STUD	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STIFF. STIL STRUCT. T&B T&G THR'D T.O.F. T.O.S.	 SCHEDULE STRUCTURAL COMPOSITE LUMBER SHEATHING SIMILAR SIMILAR SLAB ON GRADE SQUARE SQUARE STANDARD STIFFENER STEEL STRUCTURAL TOP & BOTTOM TONGUE AND GROOVE THREADED TOP OF FOOTING TOP OF STEEL
(E) EA. E.F. EL. ELEV. ENGR EQ. EXP. EXP. EXT. FDN F.F. FLR F.O.M. F.O.S. FRM'G	EXISTING EACH EACH FACE ELEVATION ELEVATOR ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION FAR FACE FLOOR FACE OF MASONRY FACE OF STUD FRAMING	SCHED. SCL SHT'G SIM. SIM. S.O.G. SQ. STD STIFF. STIFF. STIL STRUCT. T&B T&G THR'D T.O.F. T.O.S. TRT'D	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSIMILARSLAB ON GRADESQUARESQUARESTANDARDSTIFFENERSTEELSTRUCTURALTOP & BOTTOMTONGUE AND GROOVETHREADEDTOP OF FOOTINGTOP OF STEELTREATED
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(E) EA. E.F. EL. ELEV. ENGR EQ. EQ. EXT. EXT. FDN F.F. FLR F.C.M. F.O.S. FRM'G F.R.T. E.C.	EXISTING EACH EACH FACE ELEVATION ELEVATOR ELEVATOR ENGINEER EQUAL EACH WAY EXPANSION EXTERIOR FOUNDATION FAR FACE FLOOR FACE OF MASONRY FACE OF STUD FRAMING FIRE RETARDANT TREATED EAR SIDE	SCHED. SCL SHT'G SIM. S.O.G. SQ. STD STIFF. STIFF. STIFF. STIFF. STIFF. STRUCT. T&B T&G THR'D T.O.F. T.O.S. TRT'D TYP.	SCHEDULESTRUCTURAL COMPOSITE LUMBERSHEATHINGSIMILARSIMILARSLAB ON GRADESQUARESQUARESTANDARDSTIFFENERSTEELSTRUCTURALTOP & BOTTOMTONGUE AND GROOVETHREADEDTOP OF FOOTINGTOP OF STEELTREATEDTYPICALUNLESS NOTED OTHERMISE
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SHEET DESCRIPTION

ROOF FRAMING PLAN AND DETAILS

GENERAL NOTES

ABBREVIATION LIST

HDR

HGR

ANCHOR BOLT

A.B.

HEADER

HANGER









