

# THE AMALGAMATED SUGAR COMPANY

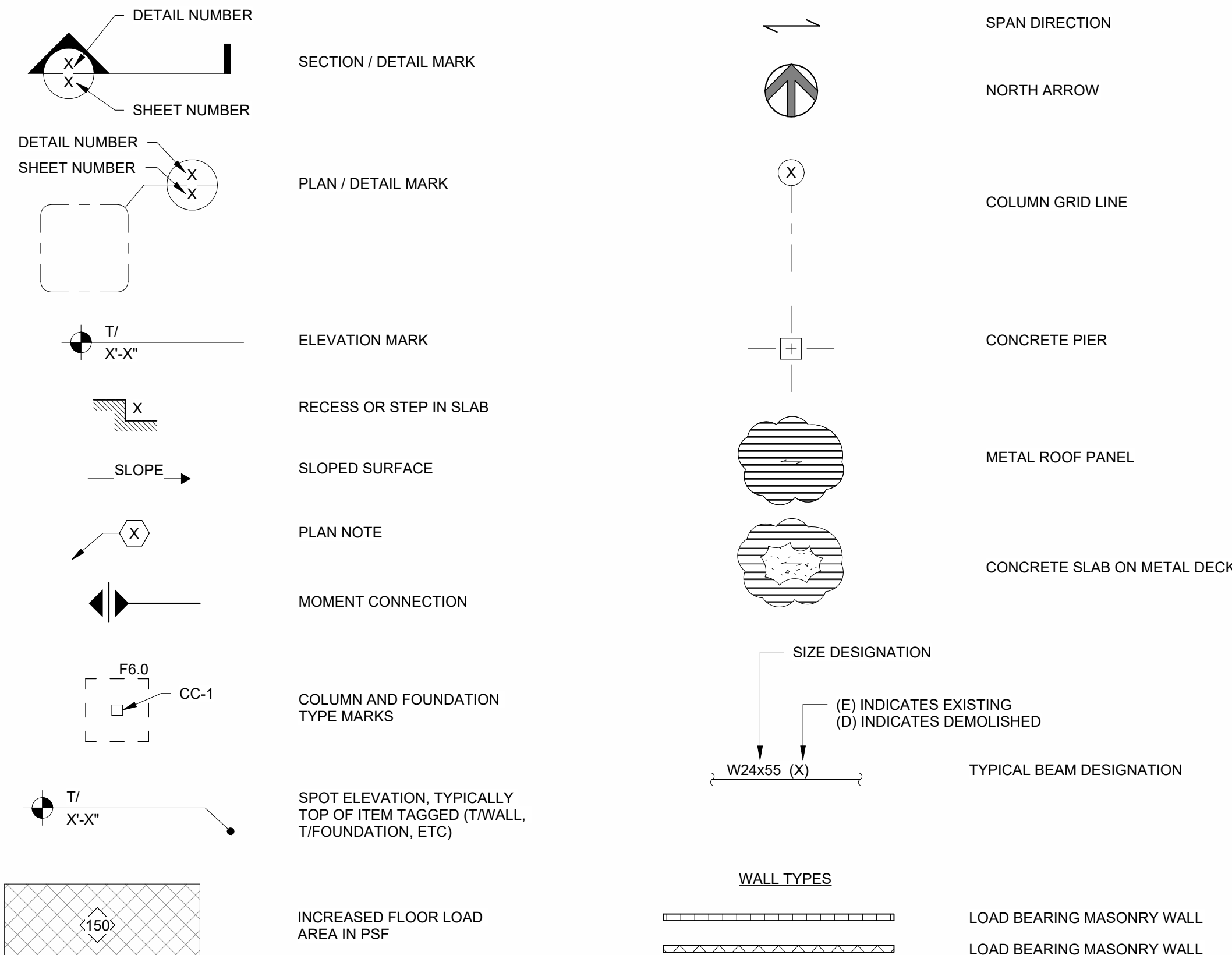
## EVAPORATOR EXPANSION PROJECT

### VEI PROJECT E24140

#### STRUCTURAL ABBREVIATIONS

ABBREV	ABBREVIATION	LB	POUND
ACI	AMERICAN CONCRETE INSTITUTE	LGTH	LENGTH
ADD	ADDITIVE	LL	LIVE LOAD
ADDL	ADDITIONAL	LLH	LONG LEG HORIZONTAL
AFF	ABOVE FINISHED FLOOR	LLV	LONG LEG VERTICAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LONG.	LONGITUDINAL
AIISI	AMERICAN IRON AND STEEL INSTITUTE	LSL	LAMINATED STRAND LUMBER
ALT	ALTERNATE/ALTERNATIVE	LT WT	LIGHT WEIGHT
ALUM	ALUMINUM	LVL	LAMINATED VENEER LUMBER
ARCH	ARCHITECTURE/ARCHITECTURAL		
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	MATL	MATERIAL
AWS	AMERICAN WELDING SOCIETY	MAX	MAXIMUM
		MB	MASONRY BEAM
B/	BOTTOM OF	MC	MISCELLANEOUS CHANNEL/MASONRY COLUMN
BLDG	BUILDING	MECH	MECHANICAL
BLK	BLOCK	MET	METAL
BM	BEAM	MFR	MANUFACTURE/MANUFACTURER
BOT	BOTTOM	MID	MIDDLE
BP	BASE PLATE/BEARING PLATE	MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
BTWN	BETWEEN	MO	MASONRY OPENING
		MPH	MILES PER HOUR
C.	CHANNEL	NGVD	NATIONAL GEODETIC VERTICAL DATUM
CB	CONCRETE BEAM	NIC	NOT IN CONTRACT
CC	CONCRETE COLUMN	NO	NUMBER
CF	CUBIC FEET (FOOT)	NS	NEAR SIDE
CIP	CAST IN PLACE	NTS	NOT TO SCALE
CJ	CONSTRUCTION JOINT		
CLR	CENTERLINE	OC	ON CENTERS
CLR	CLEAR/CLEARANCE	OD	OUTSIDE DIAMETER
CM	CONCRETE MASONRY	O.F.	OUTSIDE FACE
CMU	CONCRETE MASONRY UNIT	OPNG	OPENING
CO	COMPANY	OPP	OPPOSITE
COL	COLUMN	OSB	ORIENTED STRAND BOARD
CONC	CONCRETE		
CONT	CONTINUOUS	P/C	PRECAST CONCRETE/PILE CAP
CONN	CONNECTION	P/T	POST TENSIONED
CONST	CONSTRUCTION	PAR	PARALLEL
COORD	COORDINATE	PCB	PRECAST CONCRETE BEAM
CSJ	CONSTRUCTION JOINT	PCC	PRECAST CONCRETE COLUMN
CTR	CENTER	PCF	POUNDS PER CUBIC FEET
CTRD	CENTERED	PCE	PRE-ENGINEERED METAL BUILDING
CY	CUBIC YARD	PEN	PENETRATION
		P.J.	PANEL JOINT CENTERLINE
DEPT	DEPARTMENT	PL	PLATE
DET	DETAIL	PLF	POUNDS PER LINEAR FOOT
DIA	DIAMETER	PLMG	PLUMBING
DIAG	DIAGONAL	PLY	PLYWOOD
DIM	DIMENSION	PREFAB	PREFABRICATED
DIST	DISTANCE	PSF	POUNDS PER SQUARE FOOT
DL	DEAD LOAD	PSI	POUNDS PER SQUARE INCH
DN	DOWN	PSL	PARALLEL STRAND LUMBER
DWG	DRAWING	PT	PRESSURE TREATED
EA	EACH	R/W	REINFORCED WITH
EE	EACH END	RCMDS	RECOMMENDATIONS
EF	EACH FACE	RD	ROOF DRAIN
EHPA	EMERGENCY HURRICANE PROTECTION AREA	REF	REFERENCE
EJ	EXPANSION JOINT	REINF	REINFORCING
ELEC	ELECTRICAL	REQD	REQUIRED
EL ELEV	ELEVATION	REV	REVISION
ENGR	ENGINEER	RTU	ROOF TOP UNIT
EOD	EDGE OF DECK		
EOR	ENGINEER OF RECORD	SB	SOFFIT BEAM
EQ SP	EQUAL SPACED	SCHED	SCHEDULE
ES	EACH SIDE	S.F.	SQUARE FEET
EW	EACH WAY	SF	STRIP FOUNDATION
EXIST	EXISTING	SIM	SIMILAR
EXP	EXPANSION	SPC	SPACE/SPACES
EXT	EXTERIOR	SPECS	SPECIFICATIONS
		SQ	SQUARE
F	FOUNDATION	SS	STAINLESS STEEL
FD	FLOOR DRAIN	STD	STANDARD
FDN	FOUNDATION	STIFF	STIFFENER
FF	FINISHED FLOOR	STL	STRUCTURAL
FIN	FINISH	SYN	SYMMETRICAL
FIN GR	FINISH GRADE		
FLR	FLOOR	T/	TOP OF
FS	FAR SIDE	TB	TIE BEAM
FT	FEET/FOOT	T&B	TOP AND BOTTOM
FTG	FOOTING	TDS	TURN DOWN SLAB
FV	FIELD VERIFY	TE	THICKENED EDGE
		TEMP	TEMPERATURE
GA	GAGE/GAUGE	TENS	TENSION
GALV	GALVANIZED	THD	THREAD/THREADED
GB	GRADE BEAM	THK	THICK
GC	GENERAL CONTRACTOR	TOL	TOLERANCE
GEN	GENERAL	TRANS	TRANSVERSE
GL	GRID LINE	TS	TUBE STEEL
GS	GALVANIZED STEEL	TS	THICKENED SLAB
		TWF	THICKENED WALL FOUNDATION
HD	HOT DIPPED	TYP	TYPICAL
HDG	HOT DIPPED GALVANIZED		
HORIZ	HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
HSA	HEADED STUD ANCHOR	VERT	VERTICAL
HSS	HOLLOW STRUCTURAL SECTION	VOL	VOLUME
HT	HEIGHT		
		W	WIDE FLANGE SECTION
I	MOMENT OF INERTIA	W/	WITH
ID	INSIDE DIAMETER	W/O	WITHOUT
IF	INSIDE FACE	WD	WOOD
IN	INCH	WF	WALL FOOTING
INT	INTERIOR	WP	WORKING POINT
		WS	WELDED STUD
JST	JOIST	WT	WEIGHT/STRUCTURAL TEE SECTION
JT	JOINT	WWF	WELDED WIRE FABRIC
K	KIP (1000 LB)	@	AT DESIGNATION
KLF	KIPS PER LINEAL FOOT	#	POUNDS / REBAR SIZE NUMBER
KSI	KIPS PER SQUARE INCH	+/-	PLUS OR MINUS, FIELD VERIFY QUANTITY
KWY	KEYWAY	L	ANGLE
		&	AND

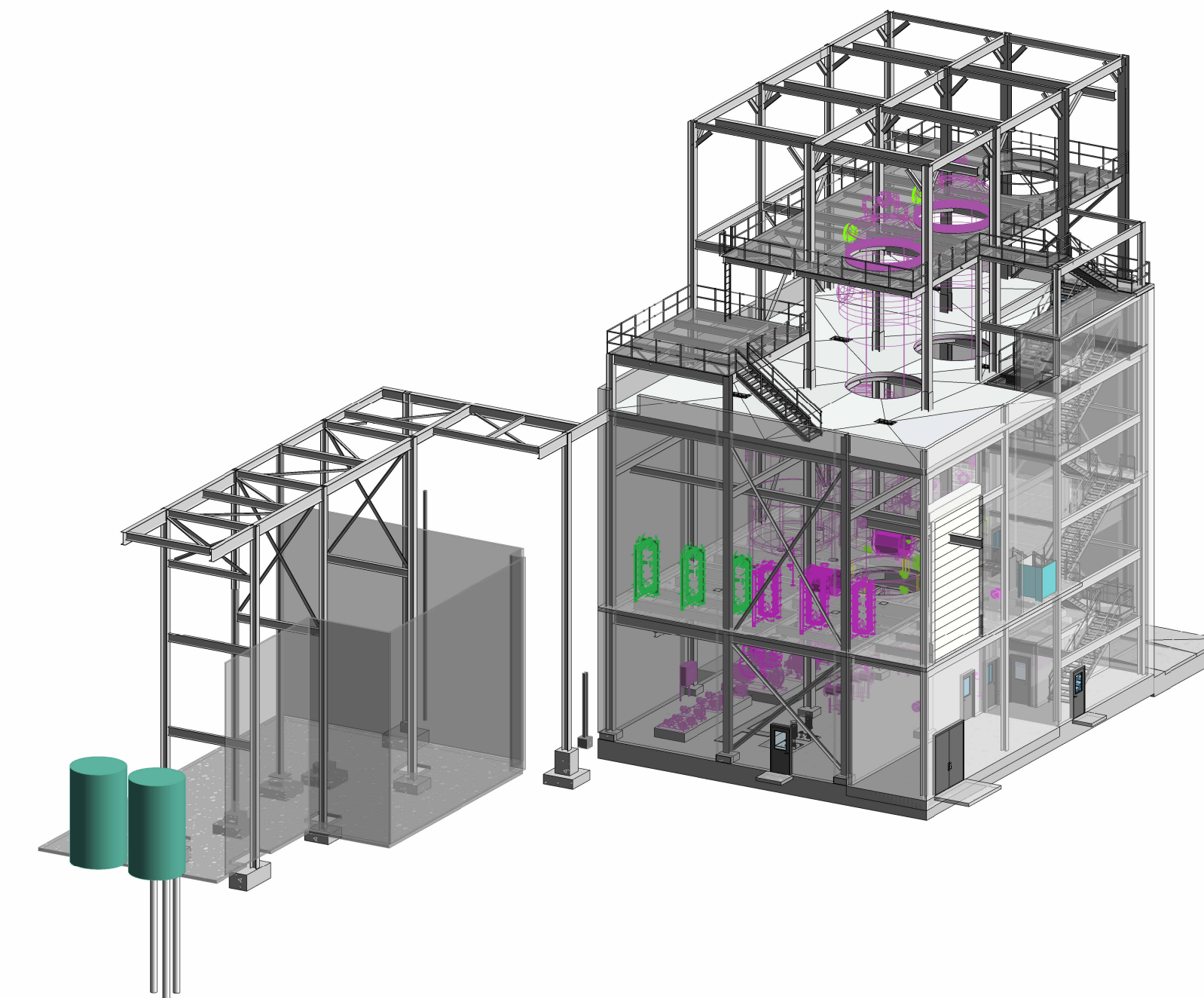
#### STRUCTURAL SYMBOLS AND LEGEND



NOTE: SYMBOLS AND LEGEND SHOWN ARE GENERIC AND DO NOT NECESSARILY INDICATE ACTUAL OCCURRENCES IN THESE DRAWINGS.



1 SITE LOCATION PLAN  
NTS



2 PROJECT ISOMETRIC VIEW

STRUCTURAL SHEET INDEX	
SHEET #	SHEET TITLE
S0.00	STRUCTURAL ABBREVIATIONS, SYMBOLS AND LEGEND, AND STRUCTURAL SHEET INDEX
S0.01	GENERAL STRUCTURAL NOTES AND SPECIFICATIONS
S0.02	GENERAL STRUCTURAL NOTES AND SPECIFICATIONS
S0.03	GENERAL STRUCTURAL NOTES AND SPECIFICATIONS
S0.04	GENERAL STRUCTURAL NOTES AND SPECIFICATIONS
S0.11	COMPONENT AND CLADDING DIAGRAM AND TABLES
LS1.11	FOUNDATION AND SLAB ON GRADE PLAN
SD1.01	FOUNDATION AND SLAB DEMOLITION PLAN
S1.01	FOUNDATION AND SLAB ON GRADE PLAN
S1.02	COLUMN, PIER, AND BASEPLATE SCHEDULE
S2.01	STRUCTURAL STEEL FRAMING PLANS
S2.02	STRUCTURAL STEEL FRAMING PLANS
S2.03	STRUCTURAL STEEL FRAMING PLANS
S2.12	ROOFING AND DRAINAGE PLAN
S3.01	CONCRETE DETAILS AND SECTIONS
S3.02	CONCRETE DETAILS AND SECTIONS

STRUCTURAL SHEET INDEX	
SHEET #	SHEET TITLE
S3.03	CONCRETE DETAILS AND SECTIONS
S4.11	BUILDING ELEVATIONS
S4.01	BRACED FRAME ELEVATIONS
S4.02	BRACED FRAME ELEVATIONS
S4.12	BUILDING ELEVATIONS
S5.01	STRUCTURAL STEEL FRAMING DETAILS AND SECTIONS
S5.02	STRUCTURAL STEEL FRAMING DETAILS AND SECTIONS
S5.03	STRUCTURAL STEEL FRAMING DETAILS AND SECTIONS
S5.05	STRUCTURAL STEEL FRAMING DETAILS AND SECTIONS
S5.04	STRUCTURAL STEEL FRAMING DETAILS AND SECTIONS
S5.11	STAIR DIAGRAMS AND DETAILS
S5.12	STAIR DIAGRAMS AND DETAILS
S6.01	TYPICAL MASONRY DETAILS AND SECTIONS
S7.01	ROOFING AND PARAPET DETAILS
S7.02	WALL PANEL DETAILS
S7.03	DOOR OPENING DETAILS AND SECTIONS

D	2025.07.02	DV	ADDENDUM 1		
C	2025.06.20	DV	OWNER COMMENTS		
B	2025.04.25	DV	ISSUED FOR BID		
A	2025.04.11	DV	ISSUED FOR APPROVAL (70% CHECKSET)		
No.	Date	By	Revision	Ad. No.	

**PRELIMINARY  
NOT FOR  
CONSTRUCTION  
2 JULY 2025**

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Title: AMALGAMATED SUGAR COMPANY EVAPORATOR PROJECT  
STRUCTURAL ABBREVIATIONS, SYMBOLS AND LEGEND, AND STRUCTURAL SHEET INDEX



AMALGAMATED SUGAR COMPANY  
2320 ORCHARD DRIVE EAST  
TWIN FALLS, ID 83301

Date: 07/01/2025  
Chkd By: S. WILSON  
Dsgn By: D. VIELE

Dwg Size:  
24X36

Project: E24140  
Dwg: S0.00

Revision:  
1