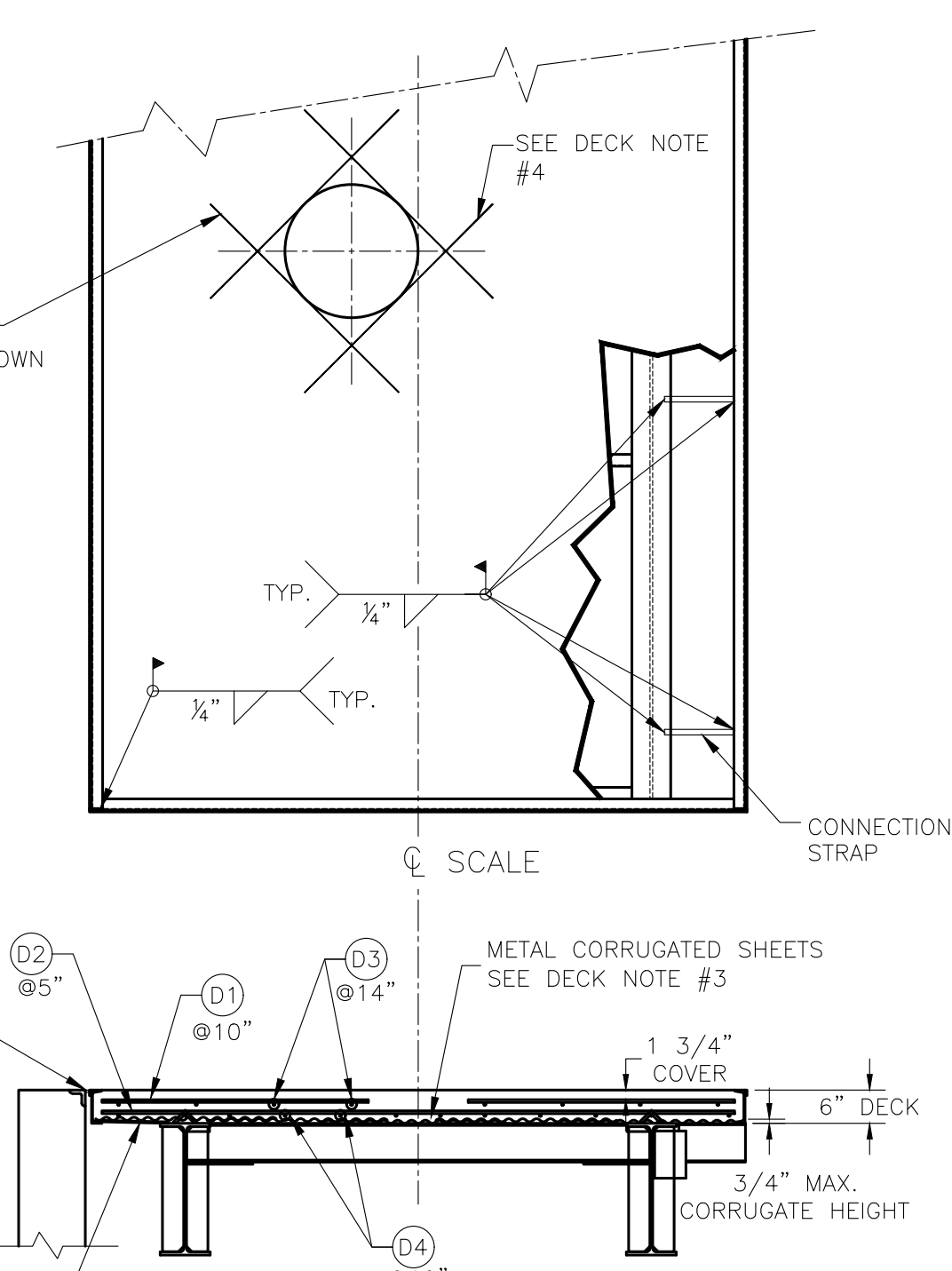


- NOTES:
- FOUNDATION DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 1500 LB/SQ. FT. FOR SOIL CONDITIONS WHICH DO NOT MEET THIS SPECIFICATION, CONSULT WITH THE THURMAN SCALE COMPANY.
 - PIT FLOOR MUST HAVE AN EFFECTIVE DRAIN SYSTEM SO THAT THE PIT FLOOR REMAINS REASONABLY DRY AND CLEAN.
 - THE TOPS OF THE PIT WALLS MUST BE ABOVE THE EXISTING GRADE LEVEL SO THAT WATER WILL DRAIN AWAY FROM THE SCALE.
 - IN AREAS OF THE COUNTRY WHERE THERE IS SEVERE FREEZING, INCREASE THE DEPTH OF THE FOUNDATION SO THAT THE BOTTOM EXTENDS BELOW THE FROST LINE, OR PROVIDE A MINIMUM OF 12" FREE DRAINING GRANULAR MATERIAL TO PREVENT FROST HEAVE.
 - REINFORCING STEEL IS TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.
 - CONCRETE OF 4000 PSI MIN. COMPRESSIVE STRENGTH WITH AIR ENTRAINMENT 5-7% IS REQUIRED FOR PIT. CONSOLIDATE CONCRETE INTO POSITION BY VIBRATING.
 - PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ±1/8 INCH.
 - EXCAVATION, FORMS, REINFORCING STEEL, AND CONCRETE FURNISHED BY OTHERS.
 - DRILL TYPE ANCHOR BOLTS ARE RECOMMENDED. SEE SECTION B-B.
 - FOUNDATION REQUIREMENTS VARY FROM STATE TO STATE. CHECK WITH LOCAL WEIGHTS AND MEASURES DIVISION BEFORE CONSTRUCTION.

- DECK NOTES:
- REINFORCING STEEL IS TO CONFORM TO ASTM A-615 GRADE 60.
 - CONCRETE OF 4000 PSI MINIMUM COMPRESSIVE STRENGTH IS REQUIRED, WITH AIR ENTRAINMENT OF 5-7 PERCENT IF SUBJECTED TO FREEZE/THAW CYCLES. CONSOLIDATE THE CONCRETE INTO PLACE BY USING A VIBRATOR.
 - CORRUGATED SHEET REQUIREMENTS: A 10' WIDE SCALE REQUIRES (5) SHEETS MIN. TO COVER THE DECK WIDTH. SHEET LENGTHS MAY VARY, BUT ENDS MUST REST OVER (OR LAP OVER) A CROSS BEAM. TACK WELD IN PLACE AS NEEDED. RECOMMENDED SHEET SIZE: 28 GA. X 30 INCH WIDE (MIN.), 3/4 INCH MAX. CORRUGATE HEIGHT (MAXIMUM PROFILE) SUPPORT SHEETING DURING POURING AND CURING AS REQUIRED.
 - MANHOLE REQUIREMENTS: MANHOLE RING & COVER (NEENAH #R06044A OR EQUIVALENT) IS REQUIRED TO GAIN ACCESS TO THE PIT, UNLESS OTHER MEANS OF ENTRY ARE PROVIDED. BEND BARS AROUND MANHOLE, DO NOT CUT.
 - REBAR, CONCRETE, CORRUGATED SHEETS AND MANHOLES ARE SUPPLIED BY OTHERS UNLESS SPECIFIED ON THE SALES ORDER.

REBAR PLACEMENT SCHEDULE

				BARS B1, B3			BARS B2			BARS B4			BARS B5				
BAR SYM	BAR SIZE	QTY.	BAR LENGTH	A	B	C	WEIGHT (LBS)	REMARKS	A	B	C	WEIGHT (LBS)	REMARKS	A	B	C	
S1	#4	20	10'-6"				141	LATERAL APPROACH									
S2	#4	22	9'-6"				140	LONG. APPROACH									
S3	#4	18	12'-6"				151	O.F. END WALL; LAT. BTM. FLR.									
S4	#4	14	20'-0"				188	LONG. SIDE WALL (SPlice S4 & S8)									
S5	#6	18	12'-6"				151	LAT. TOP FLR. EA. SECTION									
S6	#4	48	7'-0"				225	LONG. FLOOR EA. SECTION									
S7	#4	26	4'-0"				70	VERT. END WALL									
S8	#4	14	10'-0"				94	LONG. SIDE WALL (SPlice WITH S4 BARS)									
B1	#4	90	7'-6"	4'-6"	3'-0"		451	VERT. WALLS									
B2	#4	8	20'-0"	11'-8"	4'-2"		107	IN END WALL									
B3	#4	12	2'-0"	1'-6"	0'-6"		17	(3) EA. END PIER									
B5	#4	4	10'-6"	3'-0"	3'-6"	2'-0"	29	END PIER/WALL									
			TOTAL DECK REBAR			1,764											
			PLUS APPROX. 165 SQFT. OF WWF 6x6 - W8xW8														



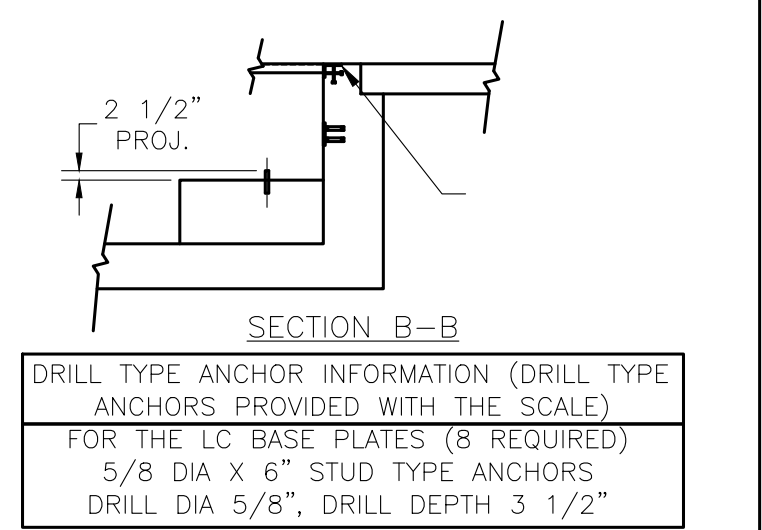
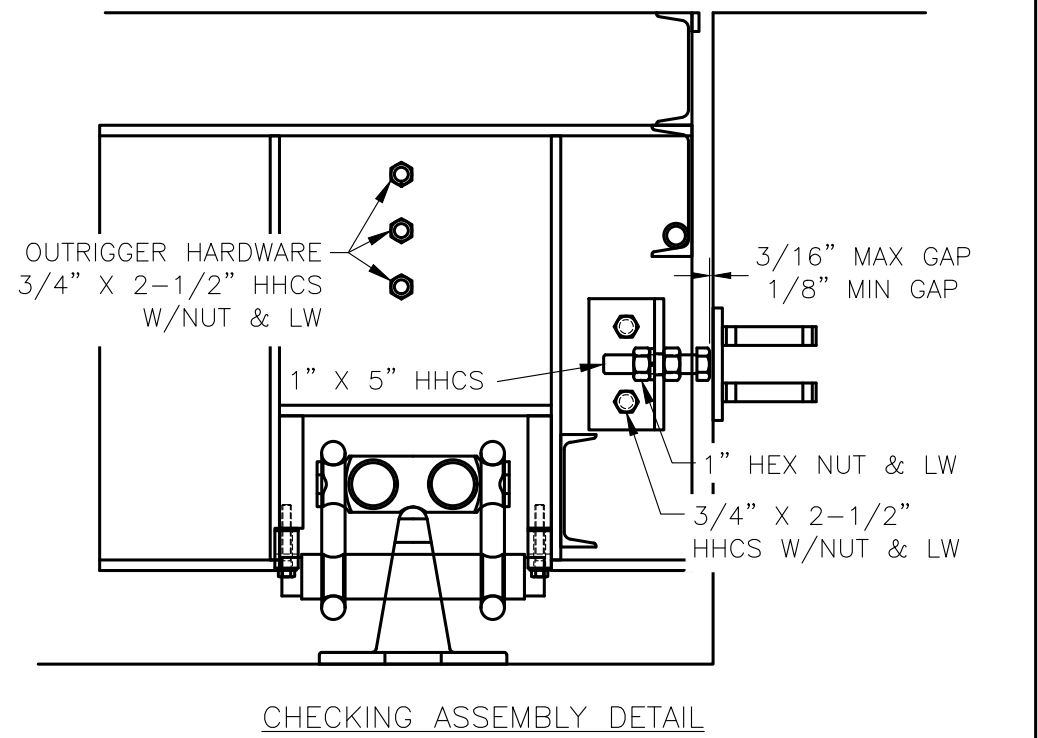
CONCRETE REQUIREMENTS

LOCATION	QTY. (CU. YDS.)
FLOOR (*)	13.5
APPROACHES/WALLS	15.0
PIERS	2.0
DECK	5.5
TOTAL	36.0

(*) CONCRETE QUANTITY FOR FLOOR IS CALCULATED FOR A 12" FLOOR DEPTH

DECK REBAR PLACEMENT SCHEDULE

BAR SYM	BAR SIZE	QTY.	BAR LENGTH	WEIGHT (LBS)	REMARKS
D1	#4	122	4'-6"	367	LATERAL TOP
D2	#4	76	10'-6"	534	LATERAL BTM
D3	#4	8	20'-0"	107	LONG. TOP
D4	#4	13	20'-0"	174	LONG. BTM
D5	#4	4	4'-0"	11	4 PER MH
D6	#4	21	8'-0"	113	LONG. SPLICE
			TOTAL REBAR = 1,306 LBS		



REVISIONS

REV	BY	DATE	DESCRIPTION
1	RD	8/10/2016	REVISED LENGTH DIMENSIONS

8510DB 90K CLC 25' x 11' 2 SECTION DESB FOUNDATION DRAWING - 4' DEEP PIT

THURMAN SCALE

SCALE: VARIES DRAWN: JCR CHECKED: [] DATE: 08/07/13 APPROVED: [] SHEET: 1 OF 1 DRAWING NUMBER: 92555-DP4