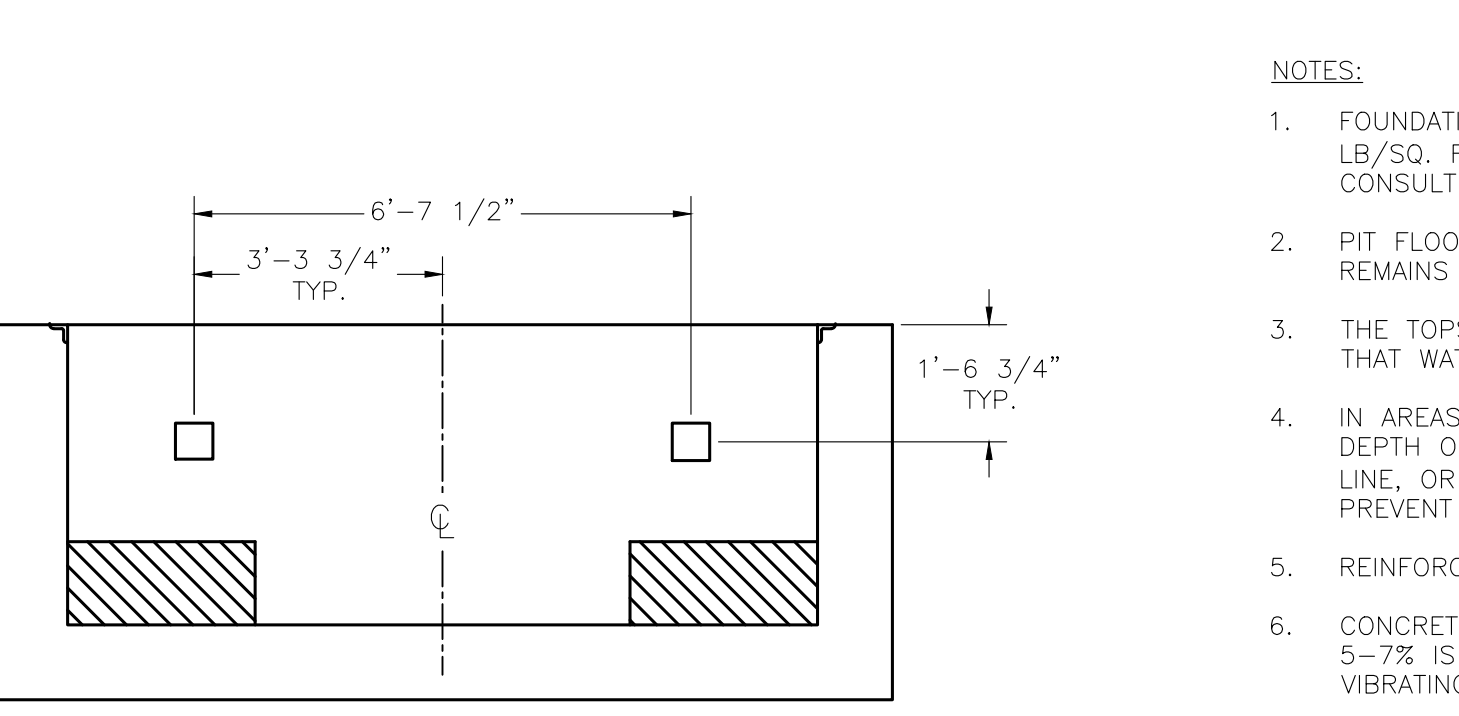
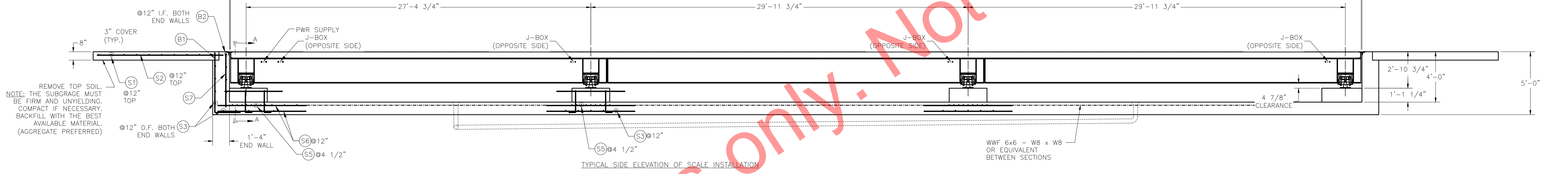
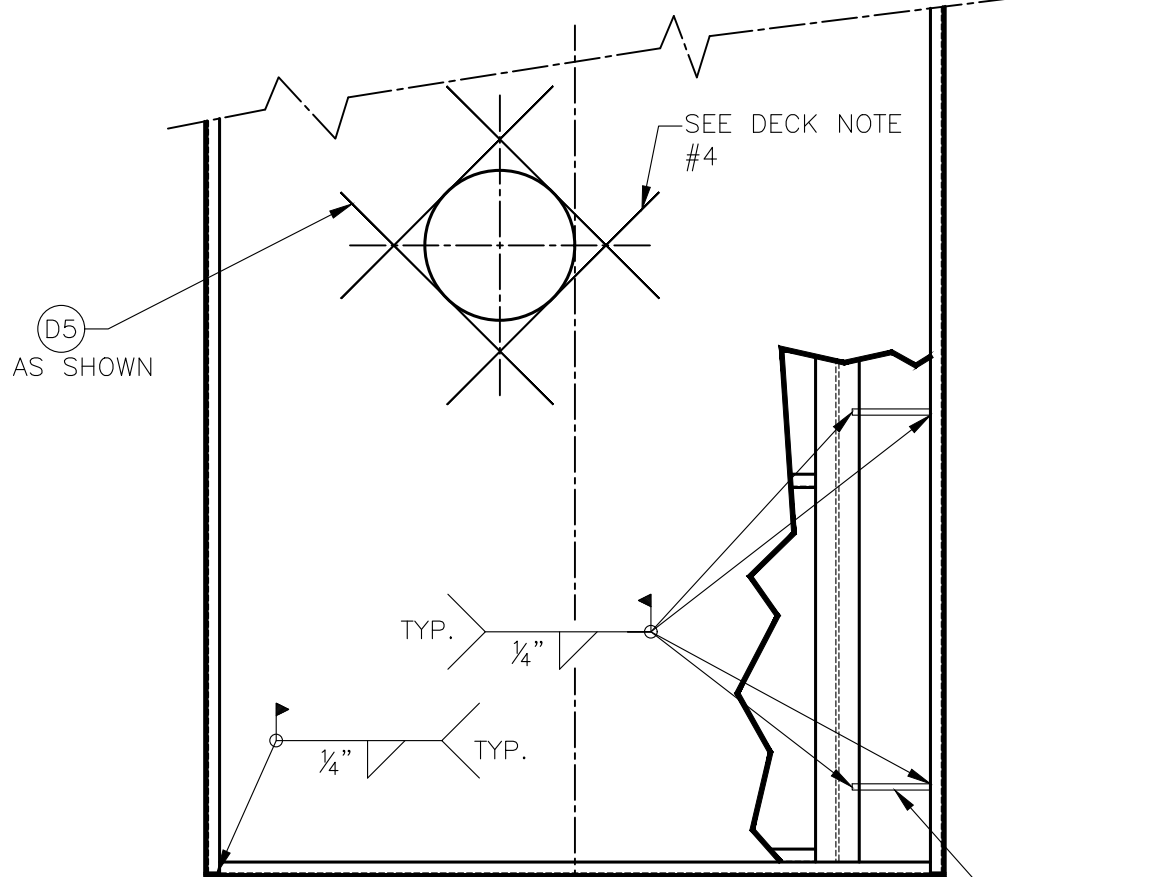


N.I.S.T. H-44 REQUIRES THAT ON THE APPROACH ENDS OF THIS VEHICLE SCALE, THERE SHALL BE A STRAIGHT APPROACH AT LEAST HALF THE LENGTH OF THE PLATFORM BUT NOT REQUIRED TO BE MORE THAN 40 FEET. NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE LEVEL AND CONSTRUCTED OF CONCRETE OR SIMILAR DURABLE MATERIAL. ANY SLOPE IN THE REMAINING PORTION OF THE APPROACH SHALL INSURE EASE OF DRAINAGE AWAY FROM THE SCALE.



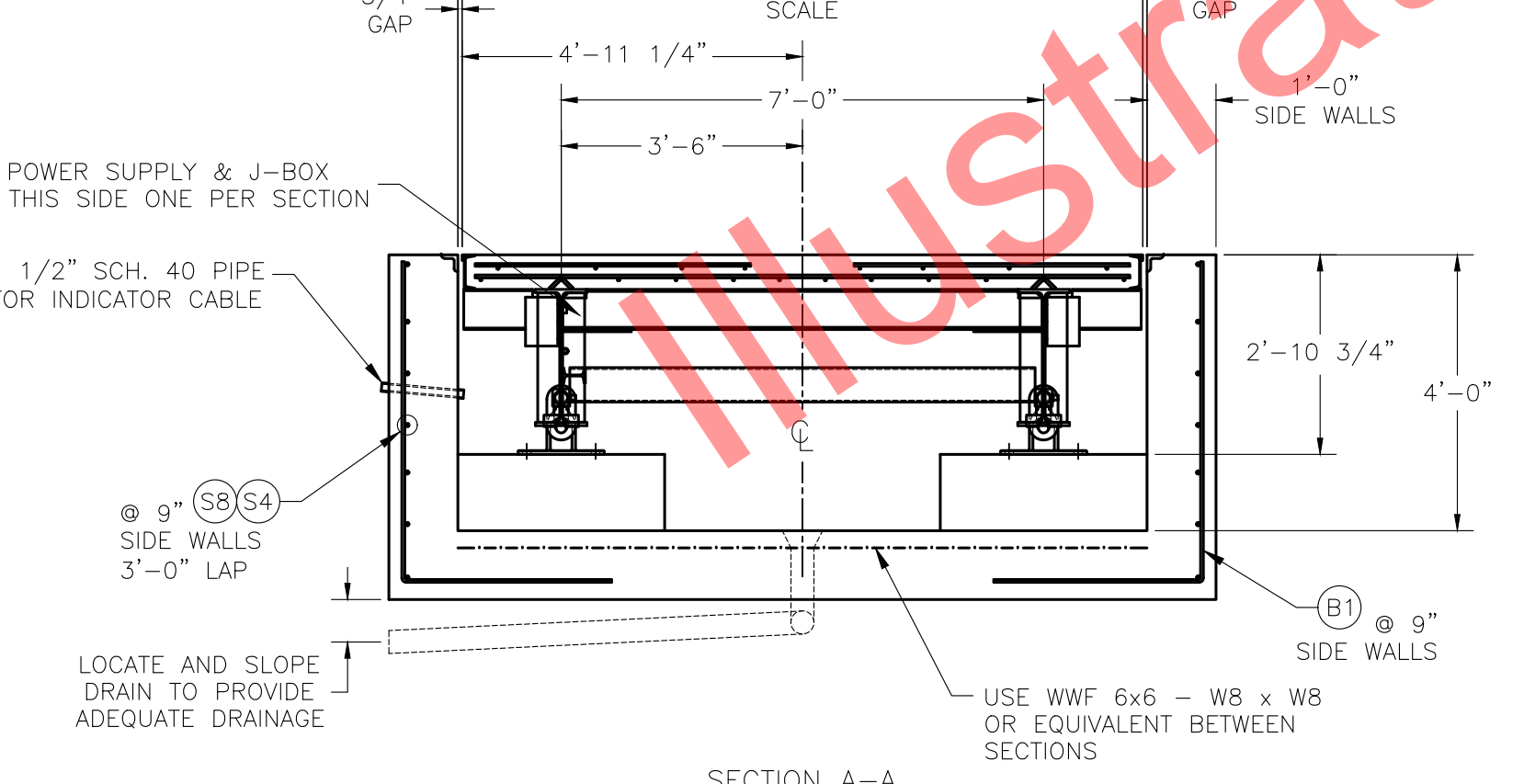
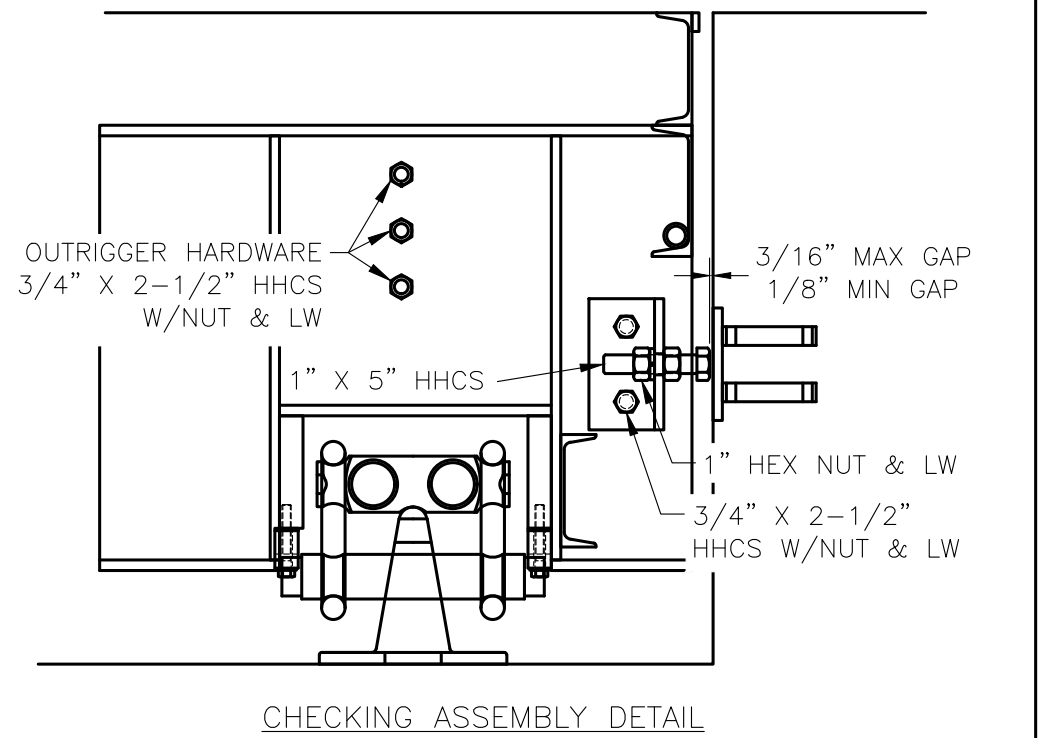
- NOTES:**
- FOUNDATION DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 1500 LB/SQ. FT. FOR SOIL CONDITIONS WHICH DO NOT MEET THIS SPECIFICATION. CONSULT WITH THE THURMAN SCALE COMPANY.
 - PIT FLOOR MUST HAVE AN EFFECTIVE DRAIN SYSTEM SO THAT THE PIT FLOOR REMAINS REASONABLY DRY AND CLEAN.
 - THE 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.



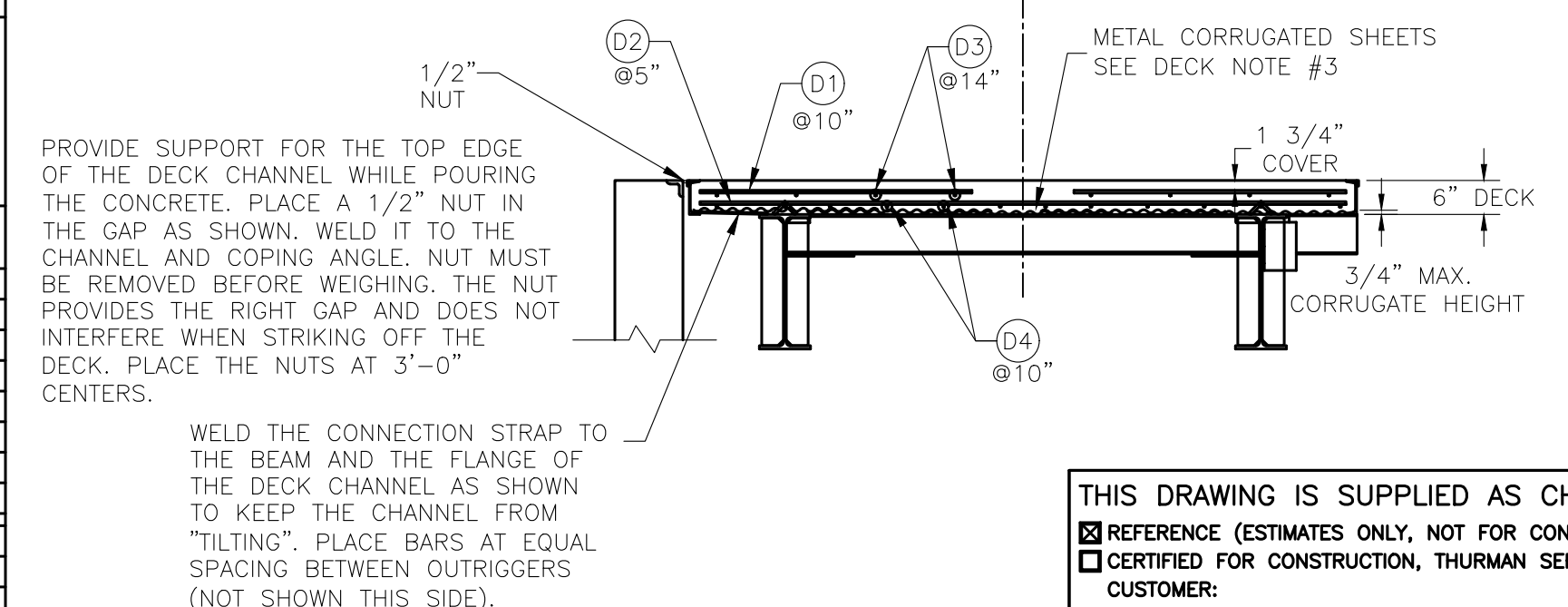
CONCRETE REQUIREMENTS			
LOCATION	QTY.	(CU. YDS.)	
FLOOR (*)	41.5		
APPROACHES/WALLS	28.5		
PIERS	3.0		
DECK	17.0		
TOTAL	90.0		

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

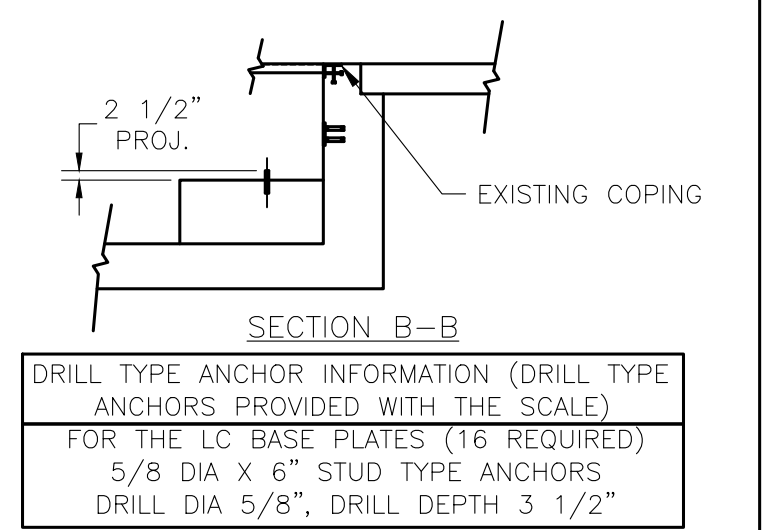


REBAR PLACEMENT SCHEDULE											
BARS B1, B3			BARS B2			BARS B4			BARS B5		
BAR SYM	BAR SIZE	QTY.	BAR LENGTH	A	B	C	WEIGHT (LBS)	REMARKS	A	B	C
S1	#4	20	9'-6"				127	LATERAL APPROACH			
S2	#4	20	9'-6"				127	LONG. APPROACH			
S3	#4	28	11'-6"				216	O.F. END WALL; LAT. BTM. FLR.			
S4	#4	70	20'-0"				936	LONG. SIDE WALL (SPLICE 5-S4 BARS)			
S5	#6	36	11'-6"				277	LAT. TOP FLR. EA. SECTION			
S6	#4	88	7'-0"				412	LONG. FLOOR EA. SECTION			
S7	#4	24	4'-0"				65	VERT. END WALL			
B1	#4	262	7'-6"	4'-6"	3'-0"		1,313	VERT. WALLS			
B2	#4	8	20'-0"	10'-8"	4'-8"		107	IN END WALL			
B3	#4	28	2'-0"	1'-6"	0'-6"		38	(3) EA. END; (4) EA. INT. PIER			
B4	#4	4	12'-6"	2'-6"	3'-0"	2'-0"	34	CENTER PIER/WALL			
B5	#4	4	10'-0"	3'-0"	3'-0"	2'-0"	27	END PIER/WALL			
TOTAL DECK REBAR								3,679			

PLUS APPROX. 700 SQFT. OF WWF 6x6 - W8xW8



DECK REBAR PLACEMENT SCHEDULE				
BAR SYM	BAR SIZE	QTY.	BAR WEIGHT (LBS)	REMARKS
D1	#4	218	4'-0"	583 LATERAL TOP
D2	#4	217	9'-6"	1,378 LATERAL BTM
D3	#4	40	20'-0"	535 LONG. TOP; (SPLICE 5 BARS)
D4	#4	60	20'-0"	802 LONG. BTM; (SPLICE 5 BARS)
D5	#4	8	4'-0"	22 4 PER MH
D6	#4	20	5'-0"	67 LONG. SPLICE
TOTAL REBAR =				3,387 LBS



THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)

CERTIFIED FOR CONSTRUCTION, THURMAN SERIAL#

CUSTOMER P.O.# DATE: (ORDER ON HOLD UNTIL SIGNED COPY IS RETURNED)

APPROVED AS DRAWN, APPROVED BY: DATE:

APPROVED AS NOTED, APPROVED BY: DATE:

REVISIONS

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

8510DB 90K CLC 90' x 10'

4 SECTION DESB

FOUNDATION DRAWING - 4' DEEP PIT

THURMAN SCALE

SCALE: VARIES DRAWN/LDC CHECKED: _____

SHEET: 1 OF 1 DATE: 5/7/13 APPROVED: _____

DRAWING NUMBER: 92553-DP4 REV: 1

MODEL: 8510