

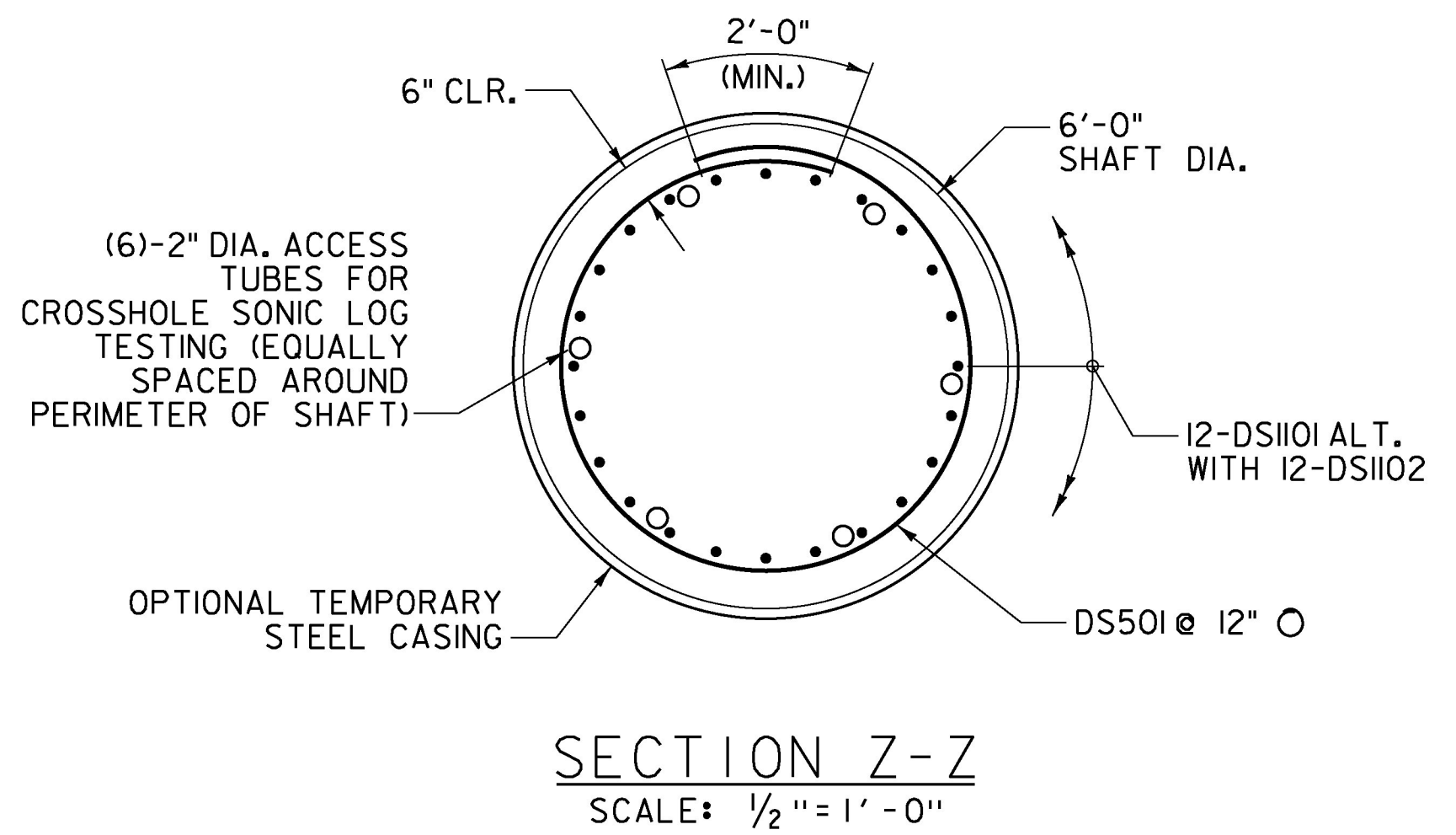
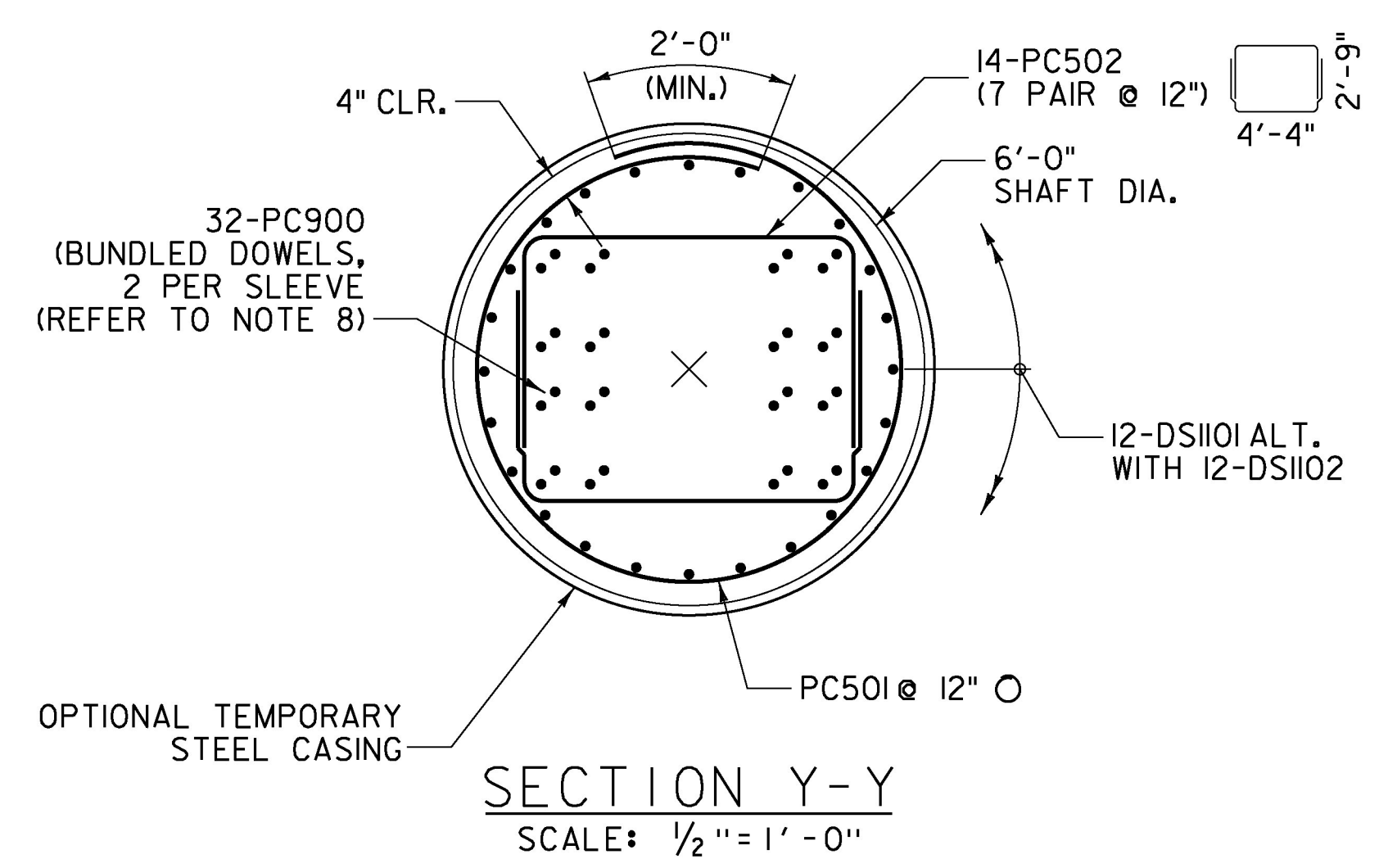
PIER 1 EL. 661.40
 PIER 2 EL. 661.60
 PIER 2 EL. 662.17
 PIER 2 EL. 661.97

DS1: 654.00
 DS2: 654.00
 DS3: 652.40
 DS4: 654.00

APPROX. ELEVATION OF BOTTOM OF CASING LEFT IN PLACE:
 DS1: 643.20
 DS2: 643.00
 DS3: 640.40
 DS4: 645.30

SHAFT BOTTOM ELEVATION:
 DS1: 580.11
 DS2: 580.64
 DS3: 578.94
 DS4: 579.80

DRILLED SHAFT REINFORCEMENT
 SCALE: 1/4" = 1' - 0"



FINISHED GRADE		
PIER NO.	LOCATION	ELEVATION
1	UPSTREAM	EL. 650
1	DOWNSTREAM	EL. 653
2	UPSTREAM	EL. 651
2	DOWNSTREAM	EL. 651

DS2
 DS1
 DS4
 DS3

REINFORCING STEEL SCHEDULE (SEE NOTE 6)					
EACH	SIZE	LENGTH	MARK	BEND TYPE	
96	II	53'	DS1101	STR.	
96	II	35'	DS1102	STR.	
288	5	17'-9"	DS501	T3	

DRILLED SHAFT NOTES

- SEE SPECIAL PROVISIONS SECTION 900 FOR CONSTRUCTION REQUIREMENTS RELATED TO THE INSTALLATION OF DRILLED SHAFTS.
- VERTICAL REINFORCEMENT AND TIE REINFORCEMENT (INCLUDING SPLICES) IN THE DRILLED SHAFT SHALL BE INCLUDED IN THE COST OF ITEM 900.640 SPECIAL PROVISION (DRILLED SHAFT IN EARTH).
- ALL CONCRETE BELOW THE TOP OF THE DRILLED SHAFT SHALL BE INCLUDED IN THE COST OF ITEM 900.640 SPECIAL PROVISION (DRILLED SHAFT IN EARTH).
- THE CONTRACTOR SHALL PROVIDE THE AGENCY ONE EXTRA #11 BAR PER SHAFT FOR TESTING PURPOSES. COST SHALL BE INCLUDED IN DRILLED SHAFT ITEMS.
- ANY TEMPORARY CASING SHALL BE EXTRACTED DURING CONCRETE PLACEMENT. THE CASING MUST BE REMOVED BELOW ELEVATION 627.2 AND ABOVE FINISHED GRADE. ABOVE ELEVATION 627.2 AND BELOW FINISHED GRADE, THE CASING MAY BE REMOVED OR LEFT IN PLACE.
- THE REINFORCING STEEL SCHEDULE SHOWN IS SOLELY FOR THE PURPOSE OF ESTIMATING. A BAR LIST, BENDING SCHEDULE AND REINFORCING STEEL PLACEMENT DRAWINGS SHALL BE PREPARED BY THE VENDOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE VENDOR'S BAR LISTS AND SCHEDULES FOR QUANTITY, SIZE AND SHAPE OF BAR REINFORCEMENT FOR CONSTRUCTING THE DRILLED SHAFTS. COST OF DETAILING THE REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO ITEM 900.645 MOBILIZATION OF DRILLED SHAFT EQUIPMENT.
- THE CONTRACTOR MAY PROPOSE ALTERNATE CONSTRUCTION JOINT ELEVATIONS, HOWEVER PAY LIMITS WILL BE BASED ON ELEVATION 652.00.
- THE CONTRACTOR SHALL UTILIZE A TEMPLATE OF THE PRECAST PIER CAP SLEEVES FOR LAYOUT OF BUNDLED DOWELS.

PROJECT NAME:	EAST MONTEPELIER
PROJECT NUMBER:	BRF 037-(17)
FILE NAME:	z98b252pier.dgn
PROJECT LEADER:	T. KNIGHT
DESIGNED BY:	N. TIRK
PIER DETAILS 3	
PLOT DATE:	2/17/2017
DRAWN BY:	J. SOTER
CHECKED BY:	T. KNIGHT
SHEET	96 OF 158

