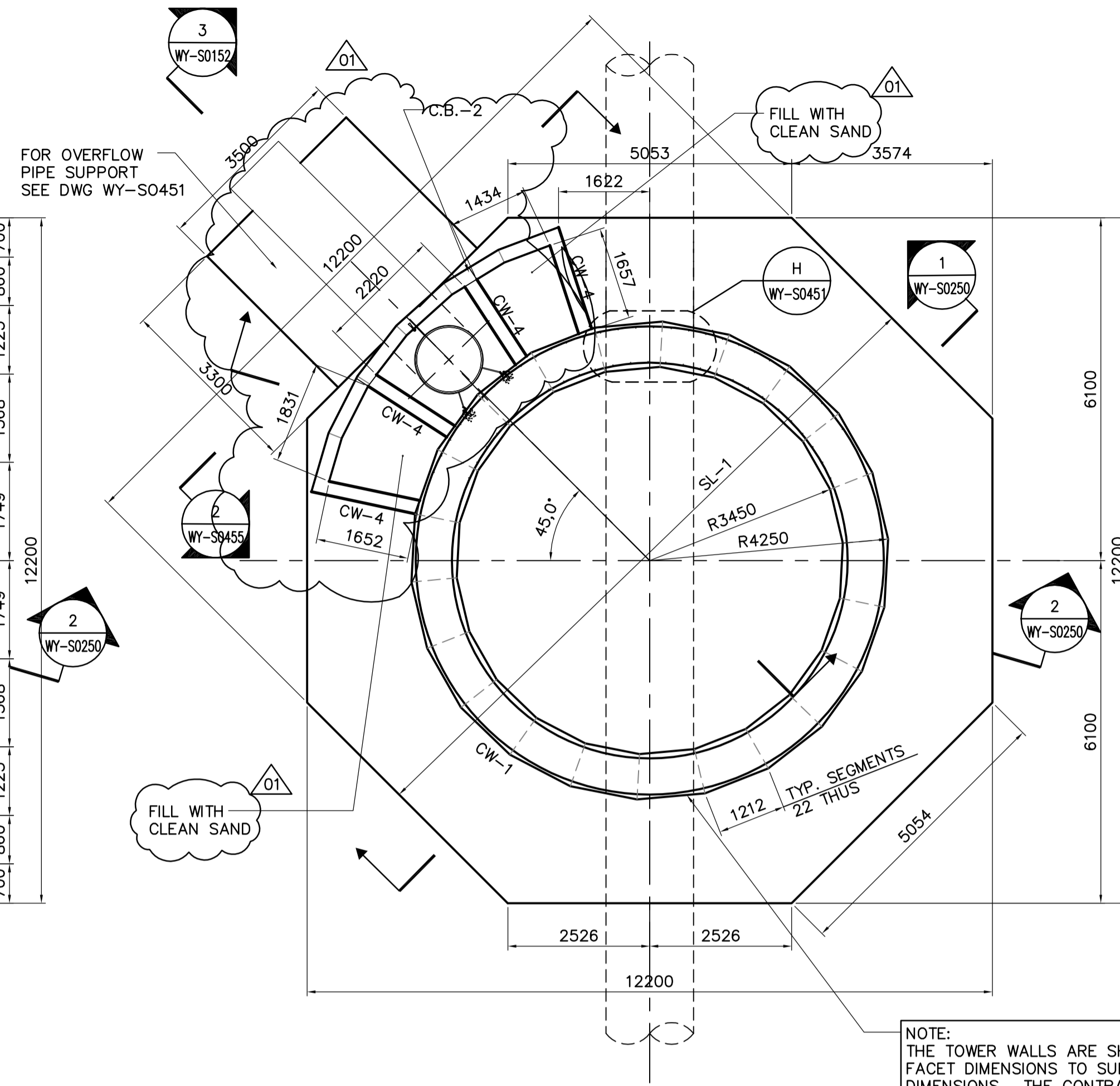
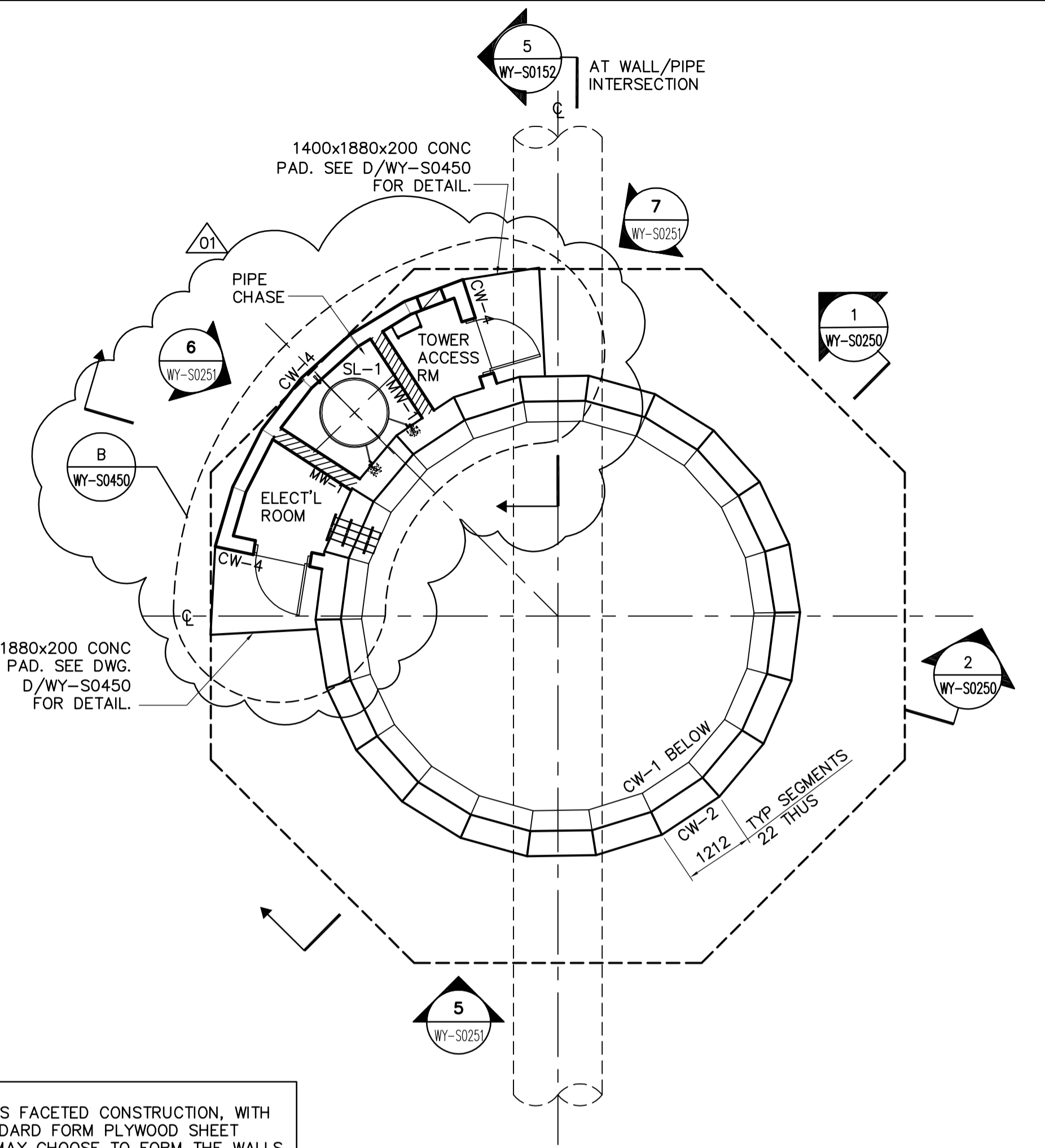


PILING AND FOOTING PLAN
1:75



FOUNDATION PLAN
1:75

NOTE:
THE TOWER WALLS ARE SHOWN AS FACETED CONSTRUCTION, WITH FACET DIMENSIONS TO SUIT STANDARD FORM PLYWOOD SHEET DIMENSIONS. THE CONTRACTOR MAY CHOOSE TO FORM THE WALLS AS A SMOOTH CURVE AT NO ADDITIONAL COST. METHODS FOR SMOOTH CURVE CONSTRUCTION TO BE REVIEWED BY CONTRACT ADMINISTRATOR PRIOR TO PROCEEDING.

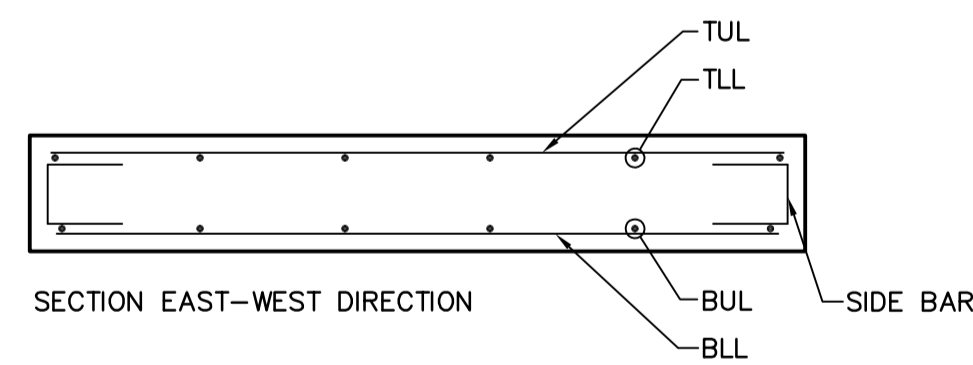


MAIN ENTRY PLAN @ EL. 236.500
1:75

NOTE:
1. ALL RADIUS MEASURED TO CHORD POINTS

CONCRETE SLAB SCHEDULE					
MARK	DEPTH	REINFORCING			REMARKS
		TOP	BOTTOM	ADDITIONAL	
SL-1	1000	25M @ 200 o.c. E.W.	25M @ 200 o.c. E.W.	25M @ 300 DWLS 15M SIDE	SEE A/WY-S0450
SL-2	250	15M @ 300 o.c. E.W.	15M @ 300 o.c. E.W.		
SL-3	400	25M @ 300 o/c E.W.	25M @ 300 o/c E.W.	REFER TO PLAN & DETAIL	
SL-4	350	20M @ 300 o/c E.W.	20M @ 300 o/c E.W.	REFER TO PLAN & DETAIL	

LEGEND:
TUL - TOP UPPER LAYER
TLL - TOP LOWER LAYER
BUL - BOTTOM UPPER LAYER
BLL - BOTTOM LOWER LAYER



MASONRY WALL SCHEDULE				
MARK	SIZE	REINFORCING	TYPE	REMARKS
MW-1	200	15M VERT. EACH CORE	CONC.	FILL ALL CORES w/ 25 MPA CONC.

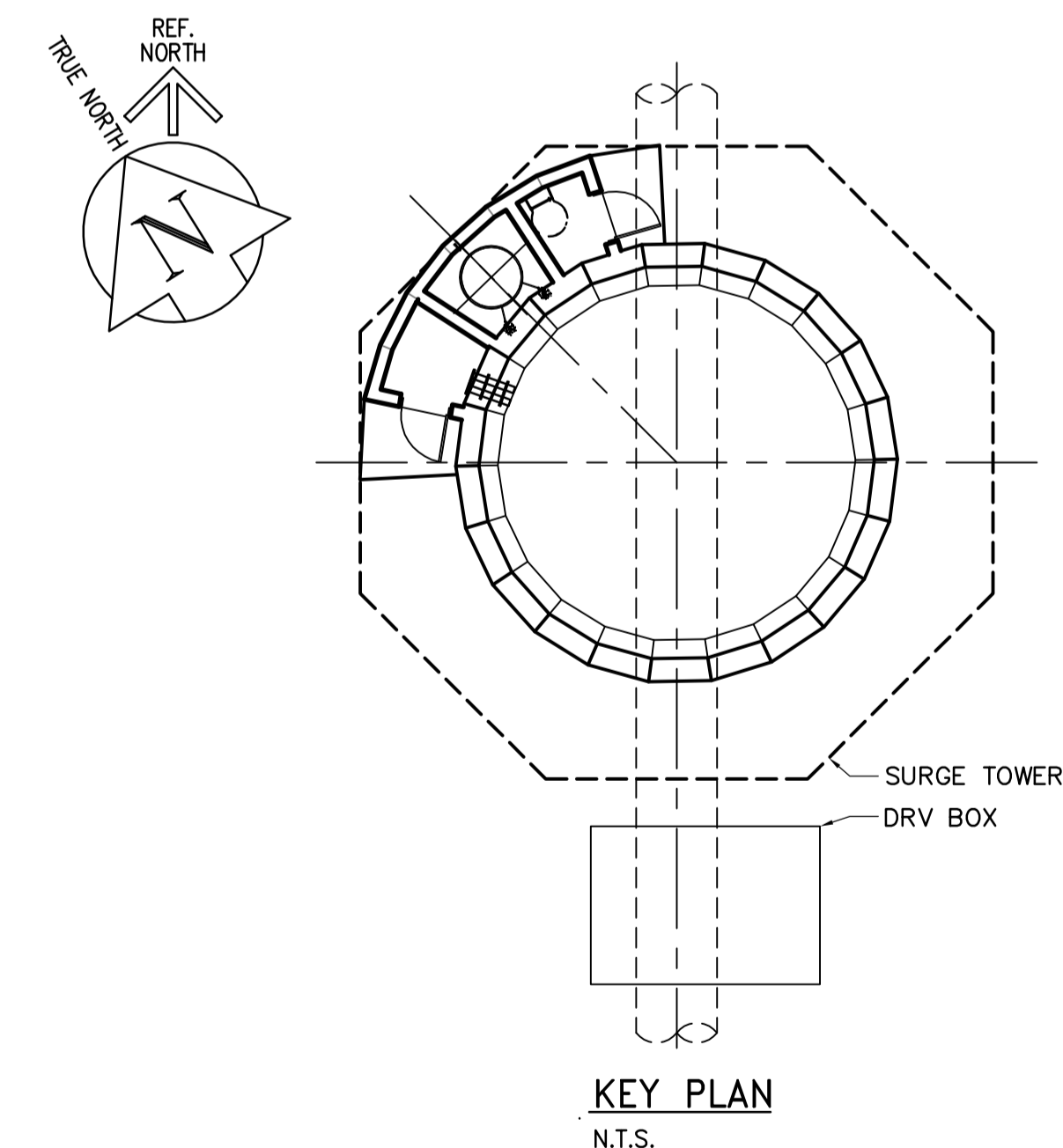
PRE-CAST PILE SCHEDULE							
MARK	DIAMETER	REINFORCING			LENGTH	CUT-OFF	REMARKS
		VERTICAL	TIES	DOWELS			
P-1	400				230.575	TYPICAL UNLESS NOTED OTHERWISE	
P-2	400				230.900		

CONCRETE COLUMN SCHEDULE					
MARK	SIZE	REINFORCING			REMARKS
		VERT.	TIES	ADDITIONAL	
CC-1	440x1110	10-25M	15M @ 300 E.W.		
CC-2	440x2200	10-25M	15M @ 300 E.W.		

NOTE:
1. OFFSET OR ALTERNATE INSIDE VERTICAL REINF WITH OUTSIDE REINF BY 125.
2. 3-REINF SPLICES ALLOW ON HORIZONTAL REINF. ROTATE SPLICE SO THAT OFFSET WILL OCCUR.

CONCRETE WALL SCHEDULE						
MARK	WIDTH	HEIGHT	REINFORCING			REMARKS
			VERTICAL	HORIZONTAL	ADDITIONAL	
CW-1	800		25M @ 300 E.F.	25M @ 300 E.F.		SEE NOTE 1 & 2
CW-2	440		25M @ 300 E.F.	25M @ 300 E.F.		SEE NOTE 2
CW-3	300		20M @ 300 E.F.	20M @ 300 E.F.		
CW-4	250		15M @ 300 E.F.	15M @ 300 E.F.	2-15M @ 300 o.c. DOWELS	

CONCRETE BEAM SCHEDULE								
MARK	WIDTH	DEPTH	REINFORCING				ADDITIONAL	REMARKS
			TOP	MIDDLE	BOTTOM	STIRRUPS		
CB-1	400	600	6-25M	2-25M	3-25M	10M @ 400 o/c		
CB-2	350	600	3-25M	-	3-25M	15M @ 200 o/c	15M DOWELS @ 300	



NOTE:
1. SEE CIVIL DRAWINGS FOR SITE LOCATION

<p>APEGM Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007</p>	B.M. ELEV.	<p>Frederickson Cooper ARCHITECTS</p>	<p>A Type International Ltd. Company</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>				
	DESIGNED BY: FK			CHECKED BY: GGP		ORIGINAL SIGNED BY: F.A. KEMP			
	DRAWN BY: WDB/KK			APPROVED BY: AHL		2006/05/03			
	SCALE: AS NOTED			RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI		CONSULTANT DRAWING NO. WY-S0150			
<p>02 37-2006 ADDENDUM 2 06/05/31 GGP</p> <p>01 37-2006 ADDENDUM 1 06/05/24 NS</p> <p>00 ISSUED FOR TENDER 06/05/03 WDB</p>	NO. REVISIONS	DATE	BY	DATE	2006/01/13	DATE	2006/05/03	<p>WATER TREATMENT PLANT YARD PIPING AND VALVE CHAMBERS SURGE TOWER CONSTRUCTION</p>	<p>CITY FILE NUMBER</p> <p>SHEET OF</p> <p>CITY DRAWING NUMBER</p> <p>1-0601Y-A-S0150-001-020</p>