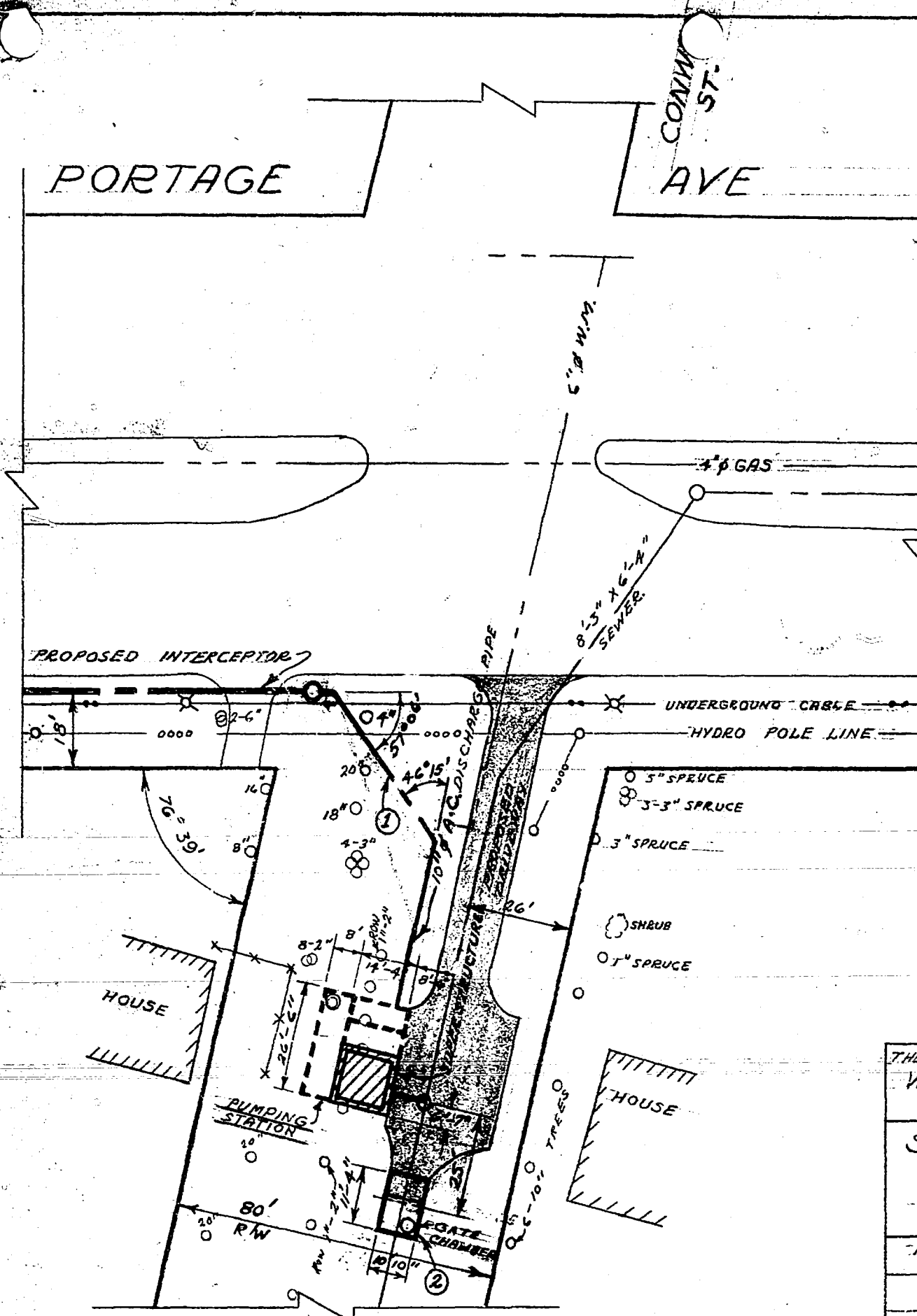


APPENDIX 'F'

RECORD DRAWINGS



LEGEND
 0 12" = 12' TREE

REVISIONS
 ① 10" Ø DISCHARGE PIPE RELOCATED JUNE 14/63 V.D.
 ② GATE CHAMBER DIMENSIONS CHANGED " 26/63 V.D.

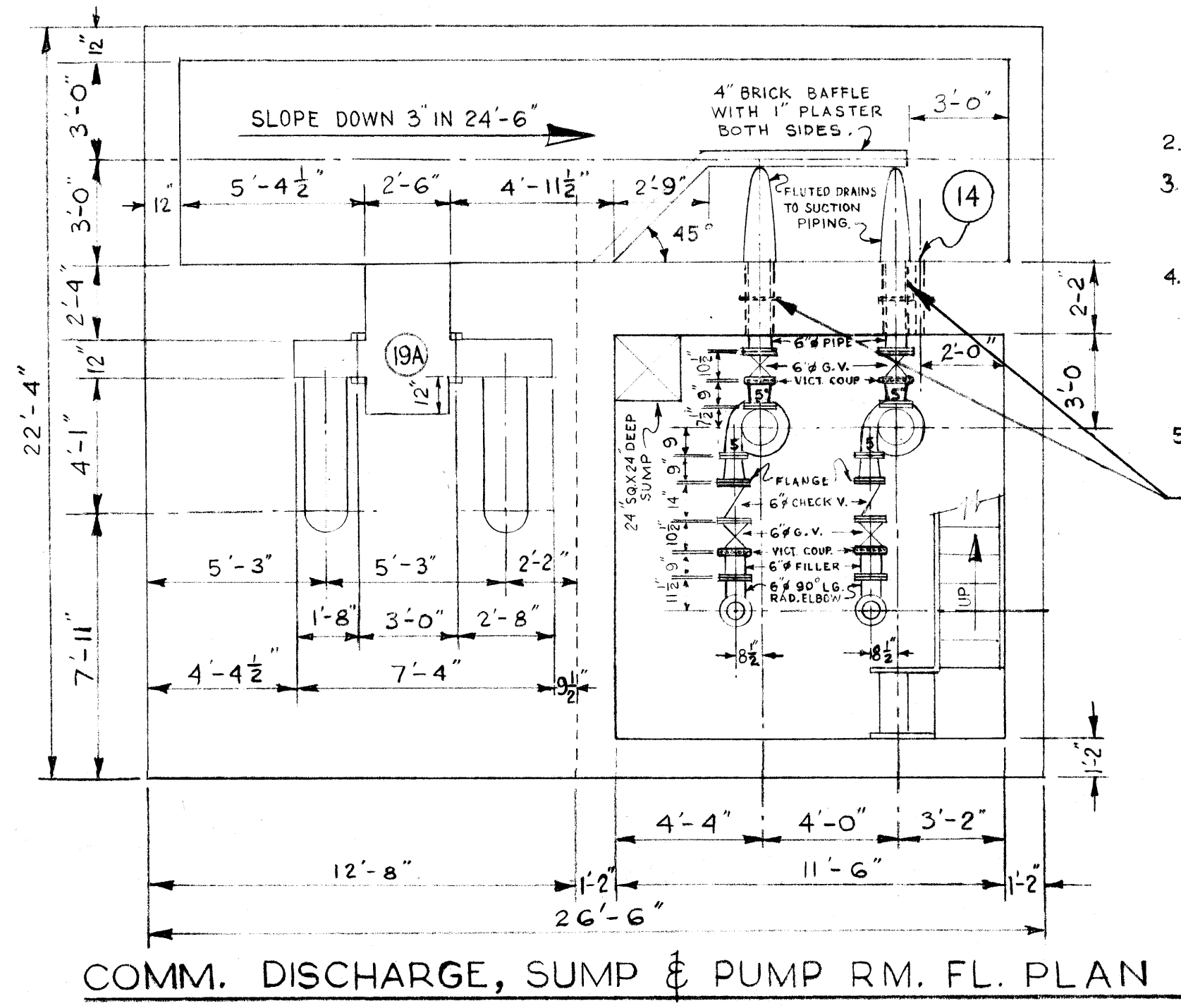
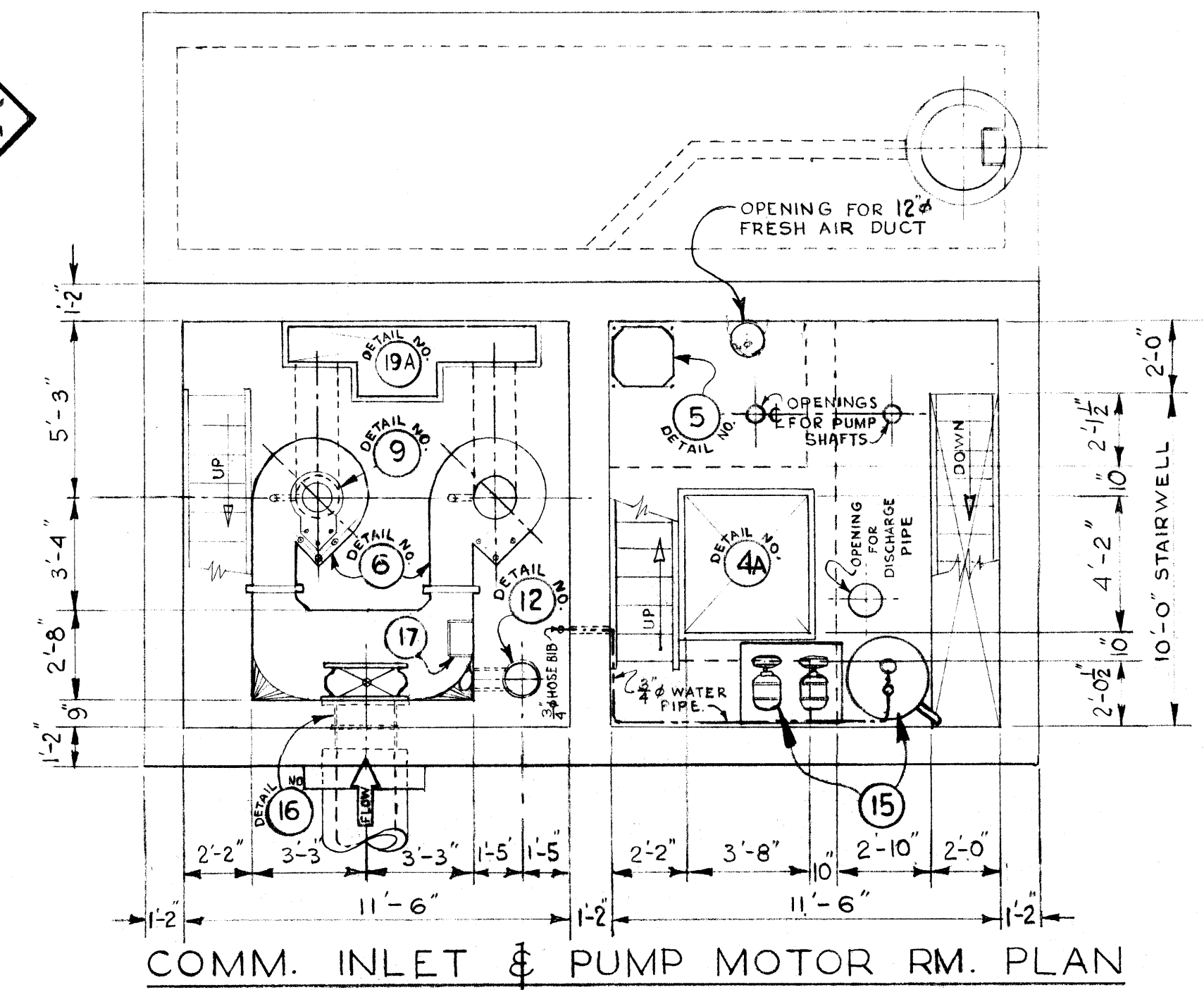
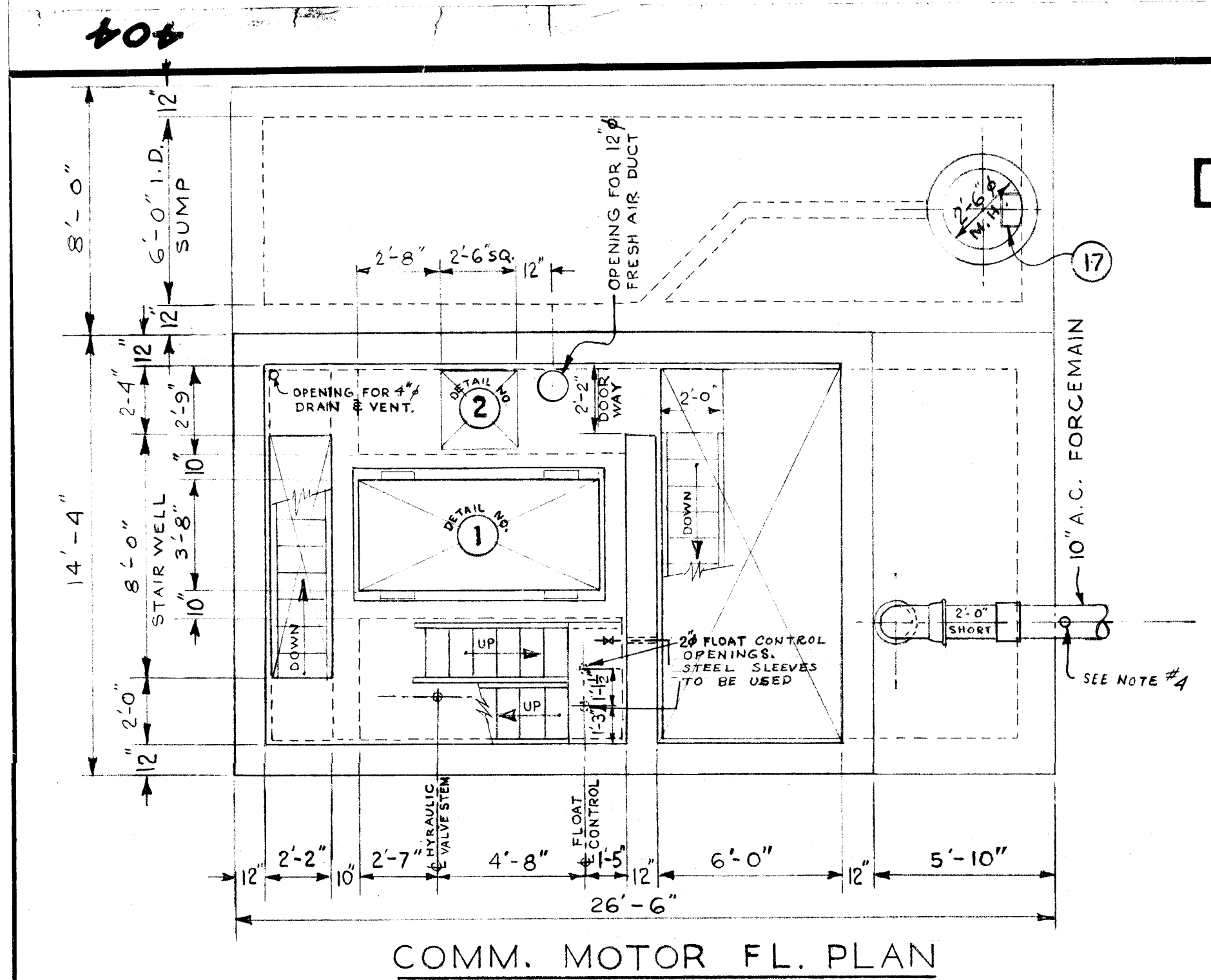
THE METROPOLITAN CORPORATION OF GREATER WPG			
WATERWORKS & WASTE DISPOSAL DIVISION			
SEWAGE DISPOSAL BRANCH			
ST. JAMES INTERCEPTOR			
SITE PLAN			
CONWAY PUMPING STATION			
APPROVED BY	DESIGNED BY	CHECKED BY	DWG. No. S-267
	DRAWN BY V.D.	DATE 11/3/63	
SCALE 1" = 40'			

404 file # SP 10095

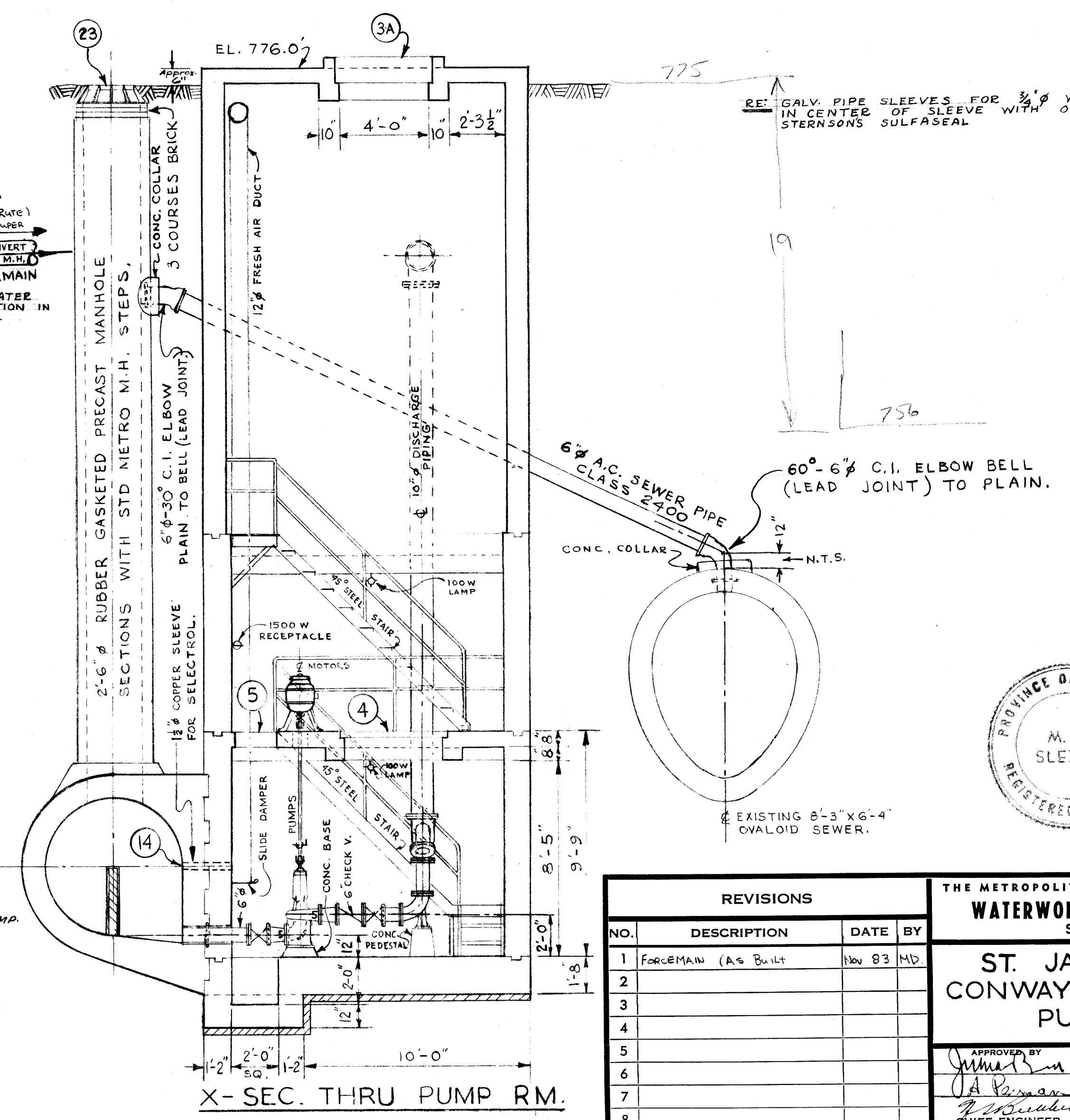
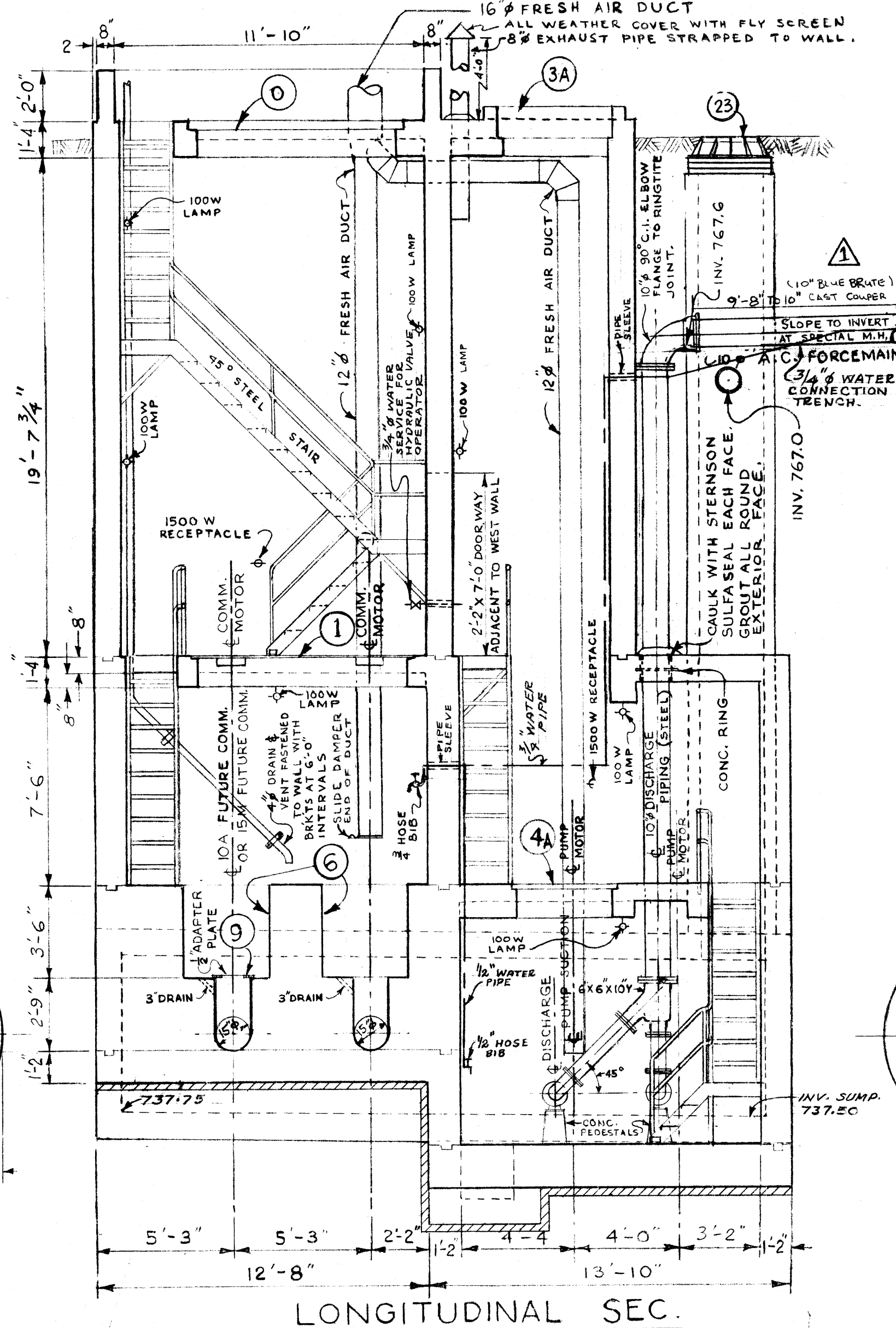
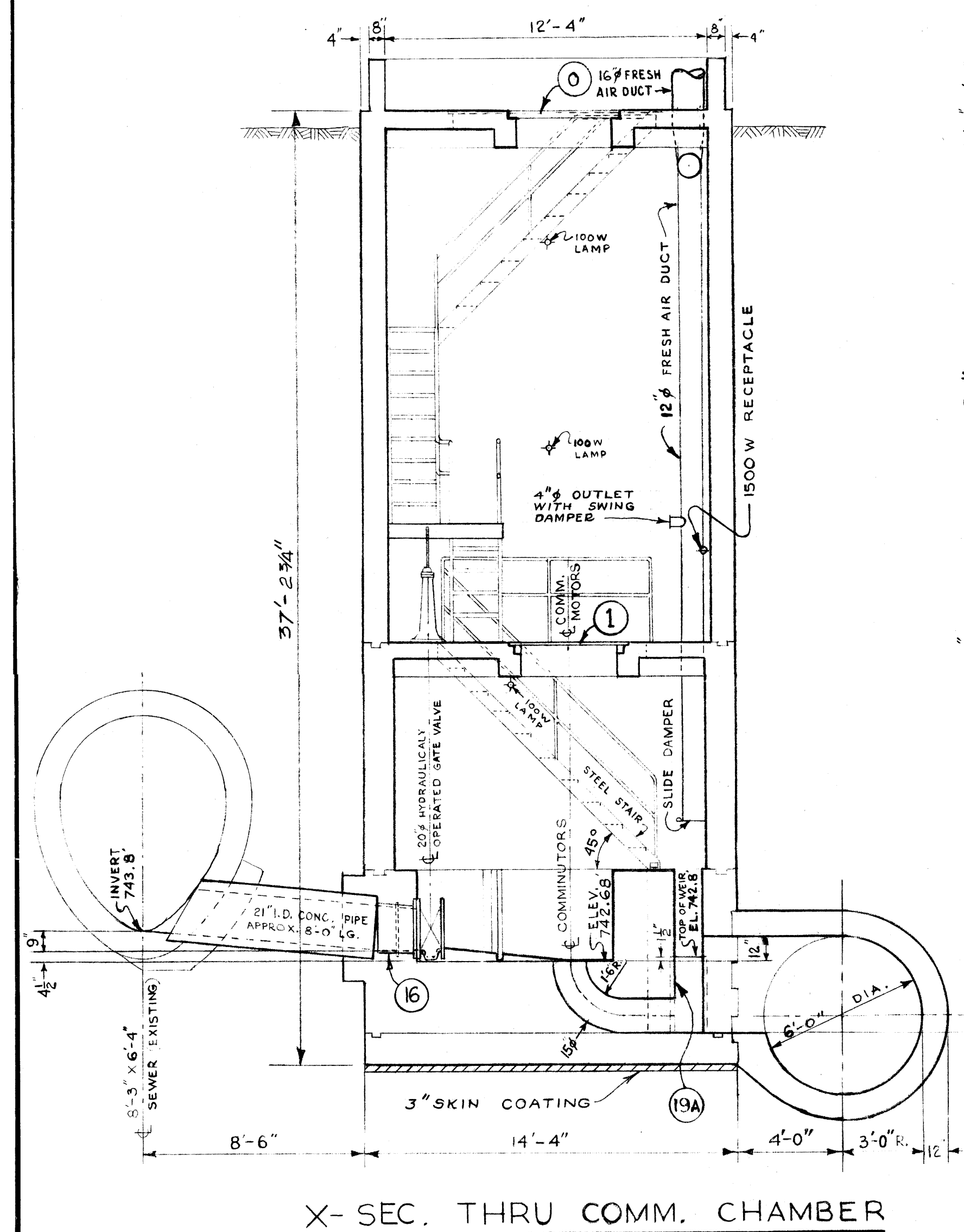
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Ref. or Drawing No.

DETAILS



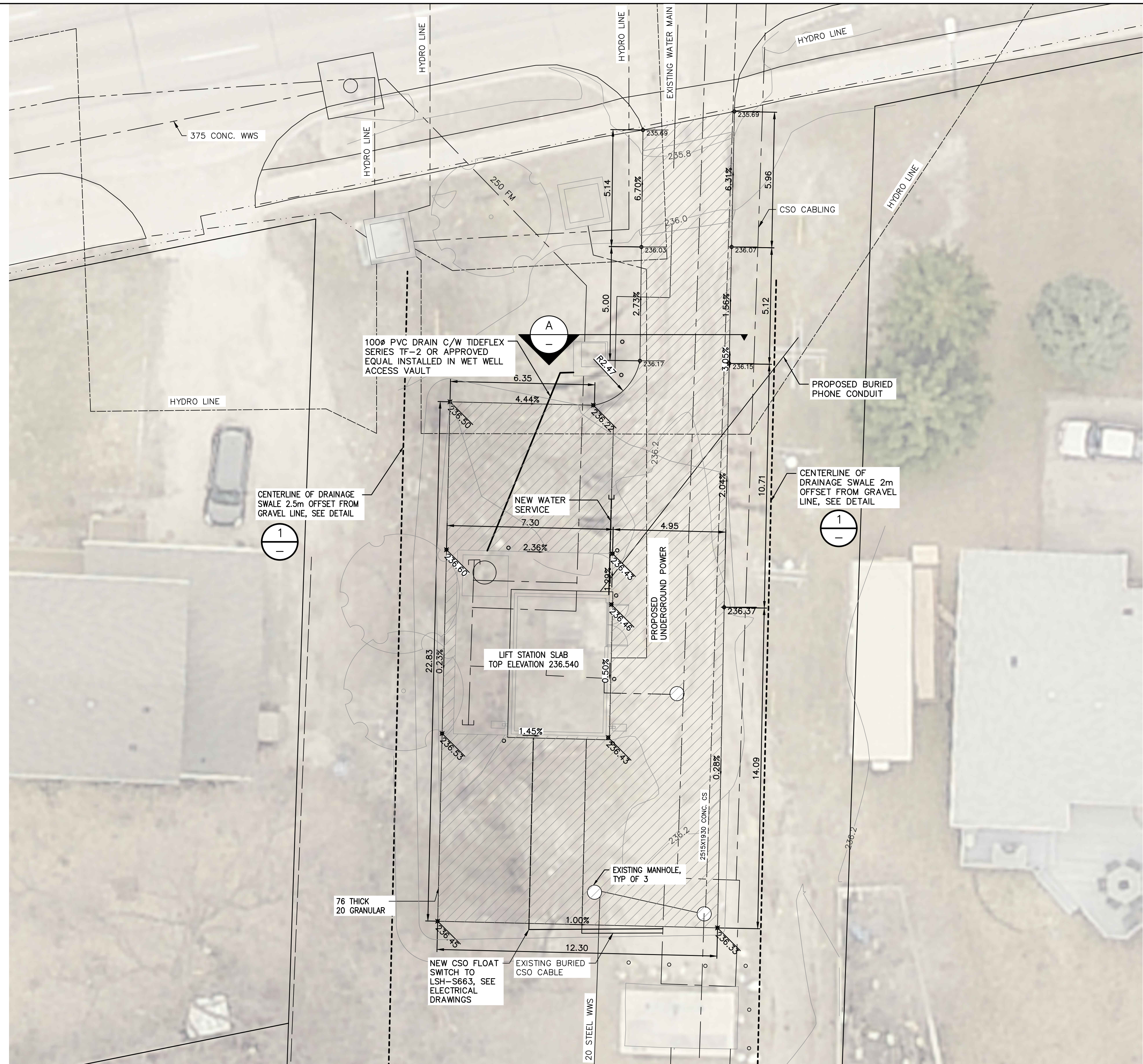
- 2- HOT GALV. ALL MISC. METAL WORK.
- 3- A SHORT LENGTH OF PIPE (4' OR LESS), SHALL BE INSTALLED ADJACENT TO ALL C.I. PIPE OR RIGID FITTINGS.
- 4- CONTRACTOR TO SUPPLY SERVICE CLAMP WITH 1" OUTLET, 1/2" GALV. STEEL NIPPLE, 1/2" LONG, ONE RIGHT ANGLE, BRASS GLOBE & ANGLE VALVE, (SCREWED FITTINGS). VALVE TO TURN LEFT TO OPEN. SUPPLY SUITABLE EXTENSION STEM FOR OPERATING VALVE.
- 5- ALL VICTAULIC COUPLINGS TO BE STYLE #44.
- 6- PIPE SLEEVES WITH CONC. RING, CAULKED WITH OAKUM IN CENTRE OF SLEEVE & FINISHED WITH STERNSON'S SULFASEAL OR EQUAL AT EA. FACE.
- 6- SUMP PUMP TO DISCHARGE INTO COMM. CHAMBER. (DISCHARGE TO PASS TROUGH WALL AT COMM. MOTOR FL. LEVEL.)



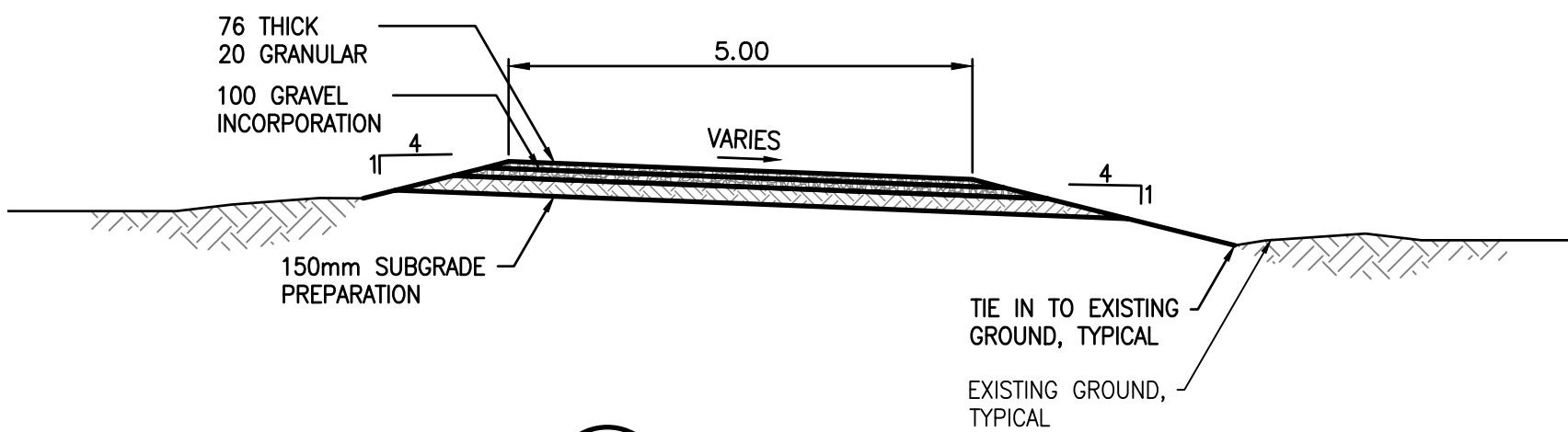
AS BUILT MAR. 1971 V.D.



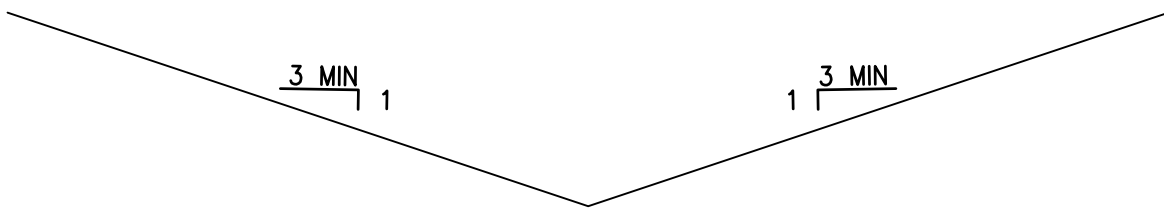
REVISIONS				THE METROPOLITAN CORPORATION OF GREATER WINNIPEG			
				WATERWORKS & WASTE DISPOSAL DIVISION			
				SEWAGE DISPOSAL BRANCH			
				ST. JAMES INTERCEPTOR			
				CONWAY COMMUNICATOR AND PUMPING STATION			
NO.	DESCRIPTION	DATE	BY	APPROVED BY	DESIGNED BY	CHECKED BY	DRAWING NO.
1	FORCEMAN (A/C BUILT)	NOV 83	MD				404
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1. FOR INFORMATION REGARDING GENERAL NOTES, UTILITIES SYMBOLS, AND ABBREVIATIONS, REFER TO THE LEGEND AND ABBREVIATIONS DRAWING.
2. READ THE CIVIL DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. COORDINATE TIE-INS AND OTHER ITEMS OF WORK. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DESIGN VARIANCES.
3. ALL WORK TO BE COMPLETED TO THE LATEST CITY OF WINNIPEG DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.
4. ALL FILL MATERIAL TO BE COMPACTED TO 98% SPD WITHIN -1% TO +2% OF OPTIMUM MOISTURE.
5. GRADE TO SLOPE 2% AWAY FROM CONCRETE SLAB UNLESS NOTED OTHERWISE.
6. GRAVEL DRIVEWAY TO BE CONSTRUCTED TO THE REQUIREMENTS OF CW 3150 AT MINIMUM.



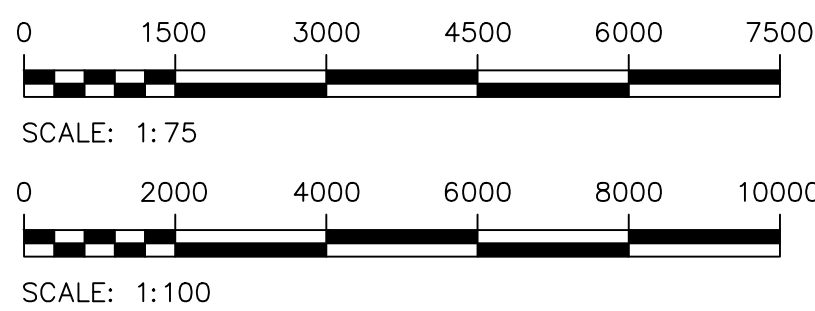
A ROAD SECTION
— SCALE: 1:75



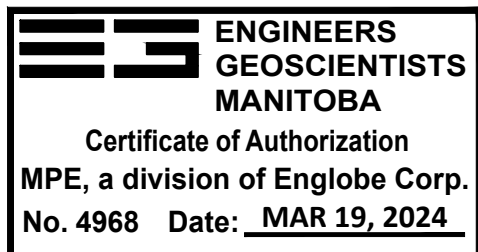
1 DRAINAGE SWALE SECTION
— SCALE: N.T.S.

LOT GRADING PLAN
SCALE: 1:100

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NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
UNLESS OTHERWISE NOTED



B.M.			
ELEV.			
0	ISSUED FOR CONSTRUCTION	2024—03—19	
NO.	REVISIONS	DATE	BY



DESIGNED BY	M. BAKER	CHECKED BY	
DRAWN BY	D. MCMILLAN	APPROVED BY	
SCALE: HORIZONTAL VERTICAL	AS SHOWN	RELEASED FOR CONSTRUCTION	
DATE	2024-03-19	DATE	



MARCH 21, 2024

CONSULTANT DRAWING NUMBER



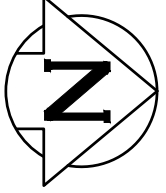
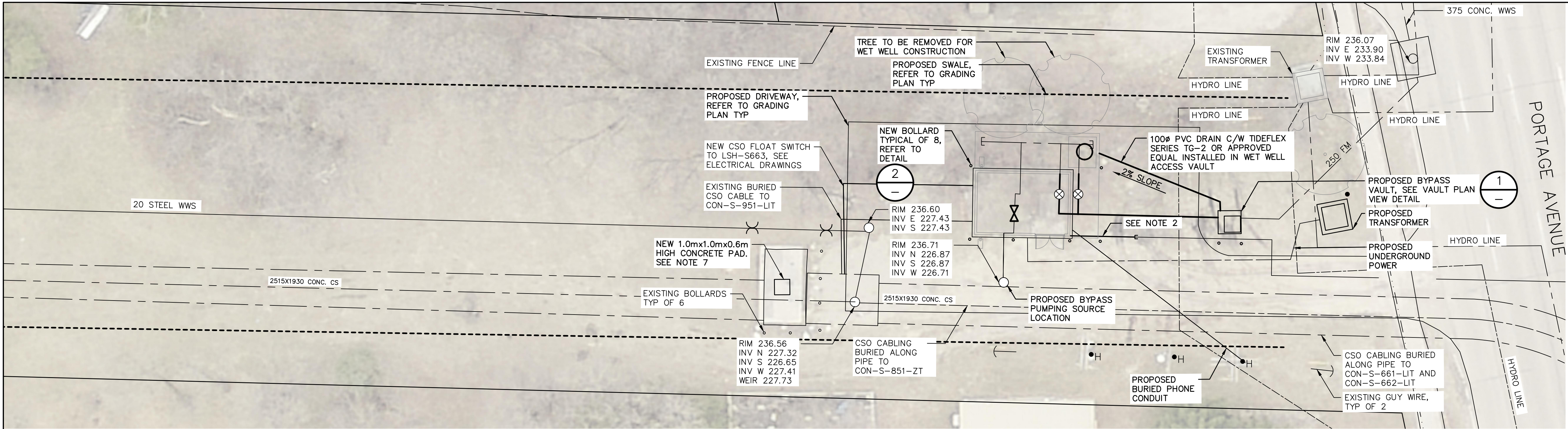
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION 2024 UPGRADES

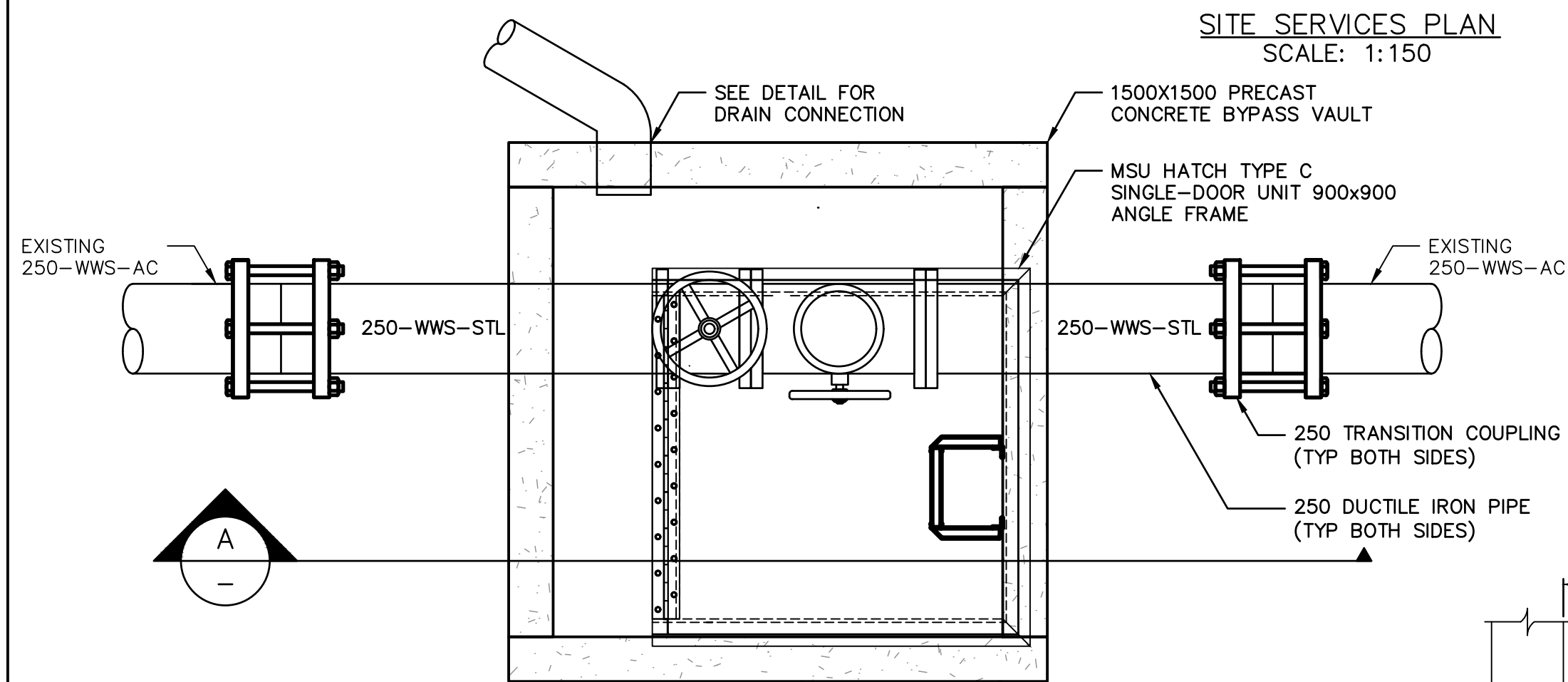
CIVIL
LOT GRADING PLAN AND SITE DRAINAGE

CITY DRAWING NUMBER	1-0131L-C0002-001-00	SHEET 5 OF 102
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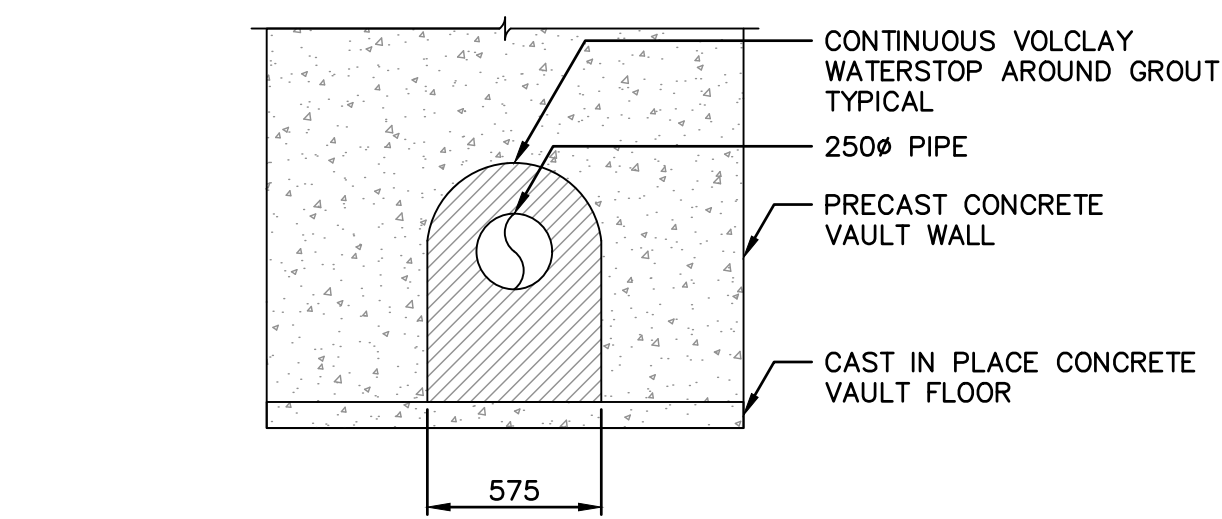
THE INFORMATION CONTAINED IN
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ORIENTED IN THE SAME DATUM AS
THE GIS, NAD 1983 JUNE 1990.



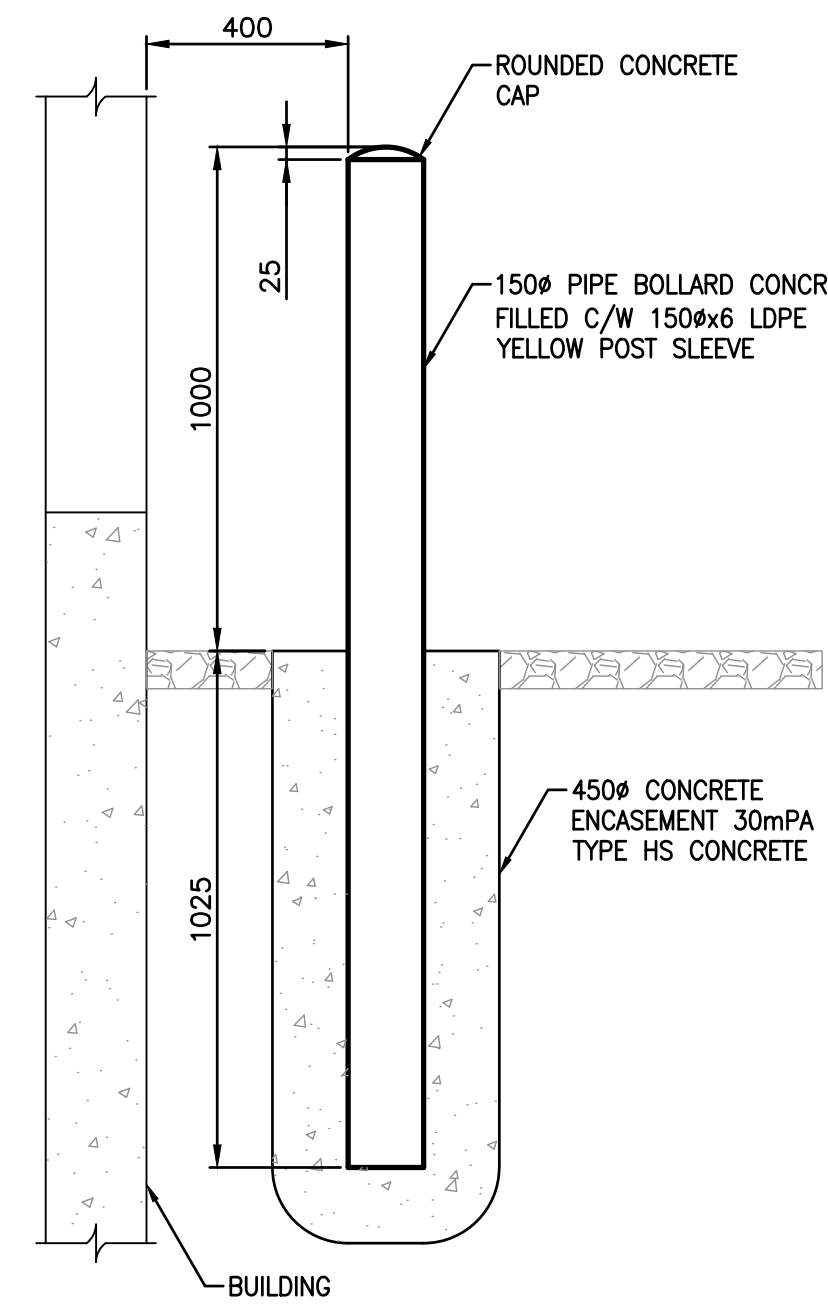
- GENERAL NOTES:
1. CONFIRM LOCATIONS, SIZE, TYPE, AND ELEVATIONS OF EXISTING UTILITY TIE-INS, CROSSINGS, AND PROXIMITY PRIOR TO CONSTRUCTION.
 2. 20" WATER SUPPLY TO BE REPLACED FROM CURBSTOP/150" WATERMAIN TO LIFT STATION. SEAL PENETRATION THROUGH EXISTING PIPE SLEEVE W/ SIKAFLEX 1A.
 3. CONTRACTOR TO EXPOSE EXISTING UTILITY LINES BY HYDROVAC EXCAVATION AND CONFIRM ELEVATIONS.
 4. CONTRACTOR TO CONFIRM LOCATION AND TIE IN OF SWALES PRIOR TO CONSTRUCTION.
 5. APPLY VOLCLAY WATERSTOPS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 6. CONTRACTOR TO EXPOSE FORCE MAIN AND VERIFY FORCE MAIN ELEVATION AT THE LOCATION OF THE BYPASS VAULT PRIOR TO ORDERING THE PRECAST VAULT.
 7. NEW PAD FOR OPERATOR ACCESS TO GATE CHAMBER RISING STEM ACTUATOR NUT. SEE S0006-001 DETAIL O.
- TEMPORARY BYPASS PUMPING NOTES:
1. BYPASS VAULT TO BE INSTALLED IN DRY WEATHER OUTSIDE OF THE SPRING RUNOFF SEASON. VAULT IS TO BE INSTALLED BETWEEN THE HOURS OF 1:00 AM AND 5:00 AM TO MAXIMIZE WET WELL STORAGE TIME.
 2. DURING THE INSTALLATION OF THE BYPASS VAULT, THE CSO GATES ARE TO BE CLOSED. CONTRACTOR TO CONSTRUCT A SANDBAG WEIR IN THE GATE STRUCTURE DOWNSTREAM OF THE GATES TO CONTAIN SEEPAGE THROUGH THE GATES. SEEPAGE CONTAINED BY THE SANDBAG WEIR IS TO BE REMOVED BY VACUUM TRUCK OR SUBMERSIBLE PUMPS. NO DISCHARGE TO THE RIVER IS PERMITTED DURING THIS OPERATION.
 3. CONTRACTOR TO CREATE A BYPASS PUMPING SUMP IN THE SEWER USING A SANDBAG WEIR AND BY CLOSING THE GATE VALVE IN THE COMMUNICATOR CHAMBER. SEE PLAN FOR PROPOSED LOCATION. SEE NOTE 5 FOR PUMP DETAILS. PUMPING IS TO DISCHARGE TO THE BYPASS VAULT FORCE MAIN CONNECTION.
 4. FOLLOWING INSTALLATION OF THE BYPASS VAULT AND SOURCE SUMP, CONTRACTOR TO PROVIDE TEMPORARY BYPASS PUMPING OF FLOWS THROUGHOUT THE PROJECT AS REQUIRED. CONTRACTOR TO PROVIDE BYPASS PUMPING PLAN AND ONSITE SEWAGE SYSTEM TO CONTRACT ADMINISTRATOR FOR REVIEW A MINIMUM OF TWO (2) WEEKS PRIOR TO COMMENCEMENT OF ANY WORK.
 5. FOR TEMPORARY BYPASS PUMPING, TWO (2) ELECTRIC PUMPS SHALL BE PROVIDED WITH ONLY ONE (1) PUMPS EVER NEEDED TO RUN. EACH BYPASS PUMP SHALL PROVIDE 70-80 L/S AT A TOTAL DYNAMIC HEAD TO BE DETERMINED BY THE BYPASS PUMPING SYSTEM DESIGNER.
 6. PUMPS MAY BE SUBMERSIBLE WITHIN THE SEWER OR SELF-PRIMING. A PLATFORM MAY BE EXCAVATED AND THE MANHOLE DISASSEMBLED AS NEEDED TO ACHIEVE ACCEPTABLE STATIC LIFT FOR SELF-PRIMING PUMPS.
 7. TEMPORARY FITTINGS, WEIRS, PUMPS, OR APPURTENANCES INSTALLED TO SUPPORT INITIAL BYPASS PUMPING OPERATIONS SHALL BE REMOVED UPON THE INITIATION OF THE PERMANENT BYPASS PUMPING STRATEGY FROM THE MANHOLE TO THE BYPASS VAULT.
 8. CONTRACTOR TO PROVIDE FULL-TIME AVAILABILITY TO ADDRESS, MINIMIZE, AND MITIGATE INTERRUPTIONS IN BYPASS PUMPING.
 9. A BACKUP GENERATOR SUITABLE FOR POWERING ANY ONE OF THE BACKUP PUMPS, ALONG WITH TEMPORARY RTU PANEL AND CSO PANEL, MUST BE ONSITE AT ALL TIMES DURING BYPASS PUMPING OPERATIONS.



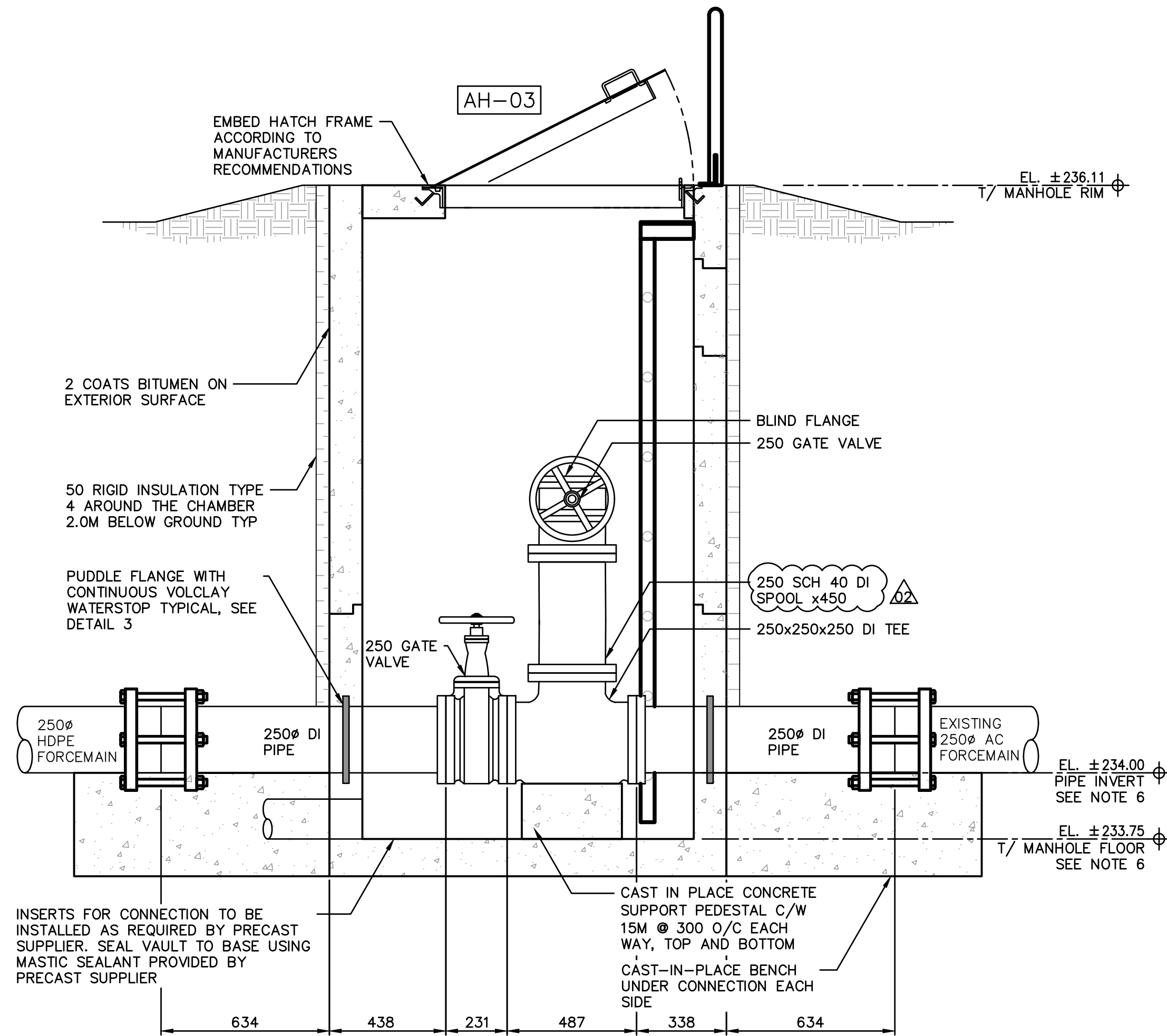
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SCALE: 1:15



3 PIPE PENETRATION THROUGH PRECAST VAULT
SCALE: 1:25



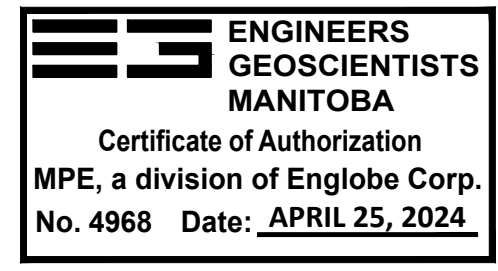
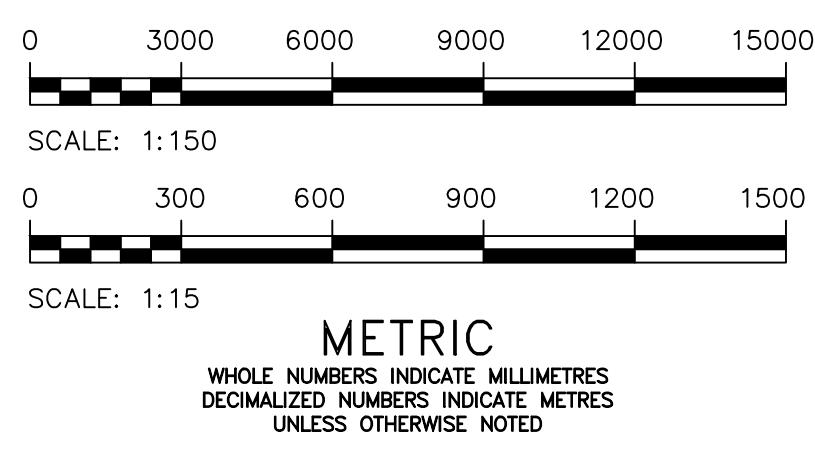
2 TYPICAL BOLLARD DETAIL
SCALE: 1:15



A SECTION
SCALE: 1:15

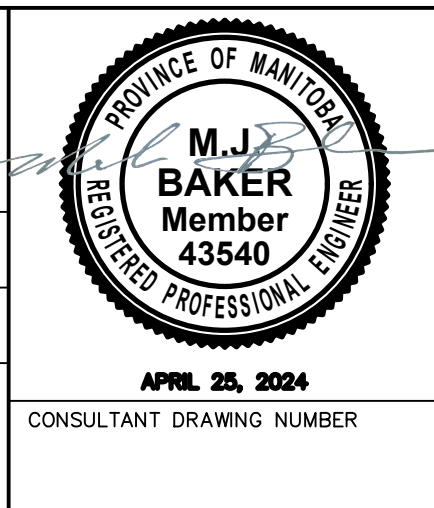
THE INFORMATION CONTAINED IN THESE DRAWINGS SHALL BE ORIENTED IN THE SAME DATUM AS THE GIS, NAD 1983 JUNE 1990.

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NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
		REFERENCE DRAWINGS



NO.	REVISIONS	DATE	BY
2	ADDENDUM 03, RE-ISSUED FOR CONSTRUCTION	2024-04-25	
1	ADDENDUM 01, RE-ISSUED FOR CONSTRUCTION	2024-04-17	
0	ISSUED FOR CONSTRUCTION	2024-03-22	

DESIGNED BY M. BAKER		CHECKED BY
DRAWN BY D. MCMILLAN		APPROVED BY
SCALE: 1:150		RELEASED FOR CONSTRUCTION
DATE 2024-03-19		DATE
PLOT DATE: 2024 04 25		



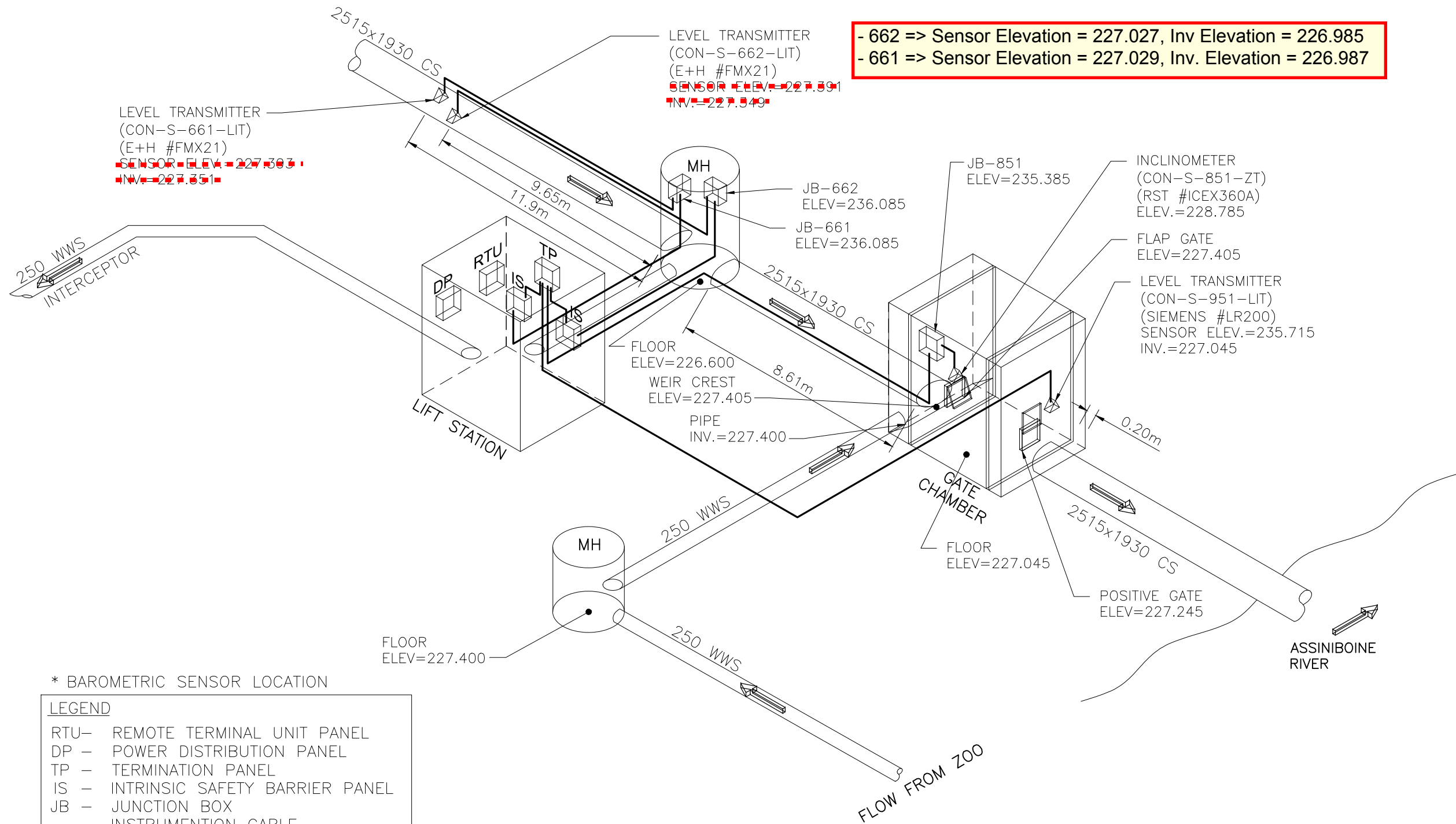
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION
2024 UPGRADES
CIVIL
SITE SERVICES PLAN AND BYPASS DETAILS

CITY DRAWING NUMBER 1-0131L-C0001-001-02

SHEET 4 OF 102

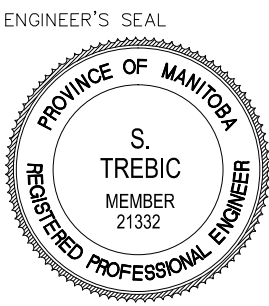
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2013/08/22 9:35 AM By: Bekker, Kyle



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



CONSTRUCTION COMPLETION DATE - FEBRUARY 2013

LOCATION APPROVED UNDERGROUND STRUCTURES				B.M. ELEV.				Stantec Consulting Ltd. 905 Waverley Street, Winnipeg, Manitoba Tel 204-489-5900 Fax 204-453-9012				ENGINEER'S SEAL  CONSULTANT DRAWING NO. E-1701				THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT CSO OUTFALL MONITORING CONWAY STREET 3D ISOMETRIC PLAN								SHEET 1 OF 2			
SUPV. U/G STRUCTURES COMMITTEE				DATE								CAD FILE DRAWING NUMBER I3650e-1701-con.dwg															
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.												CITY DRAWING NUMBER I-0131-A-A0202-001-00															