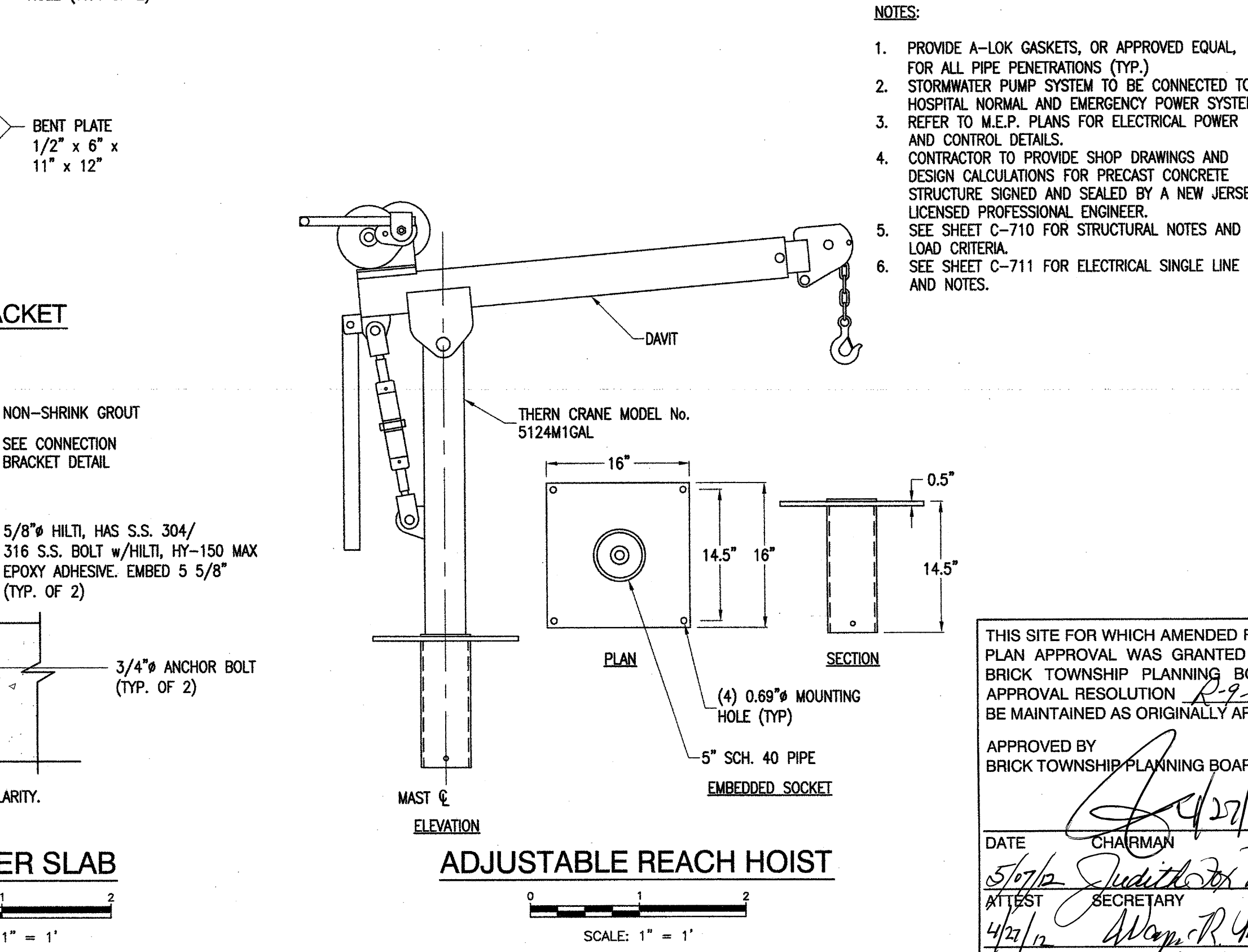
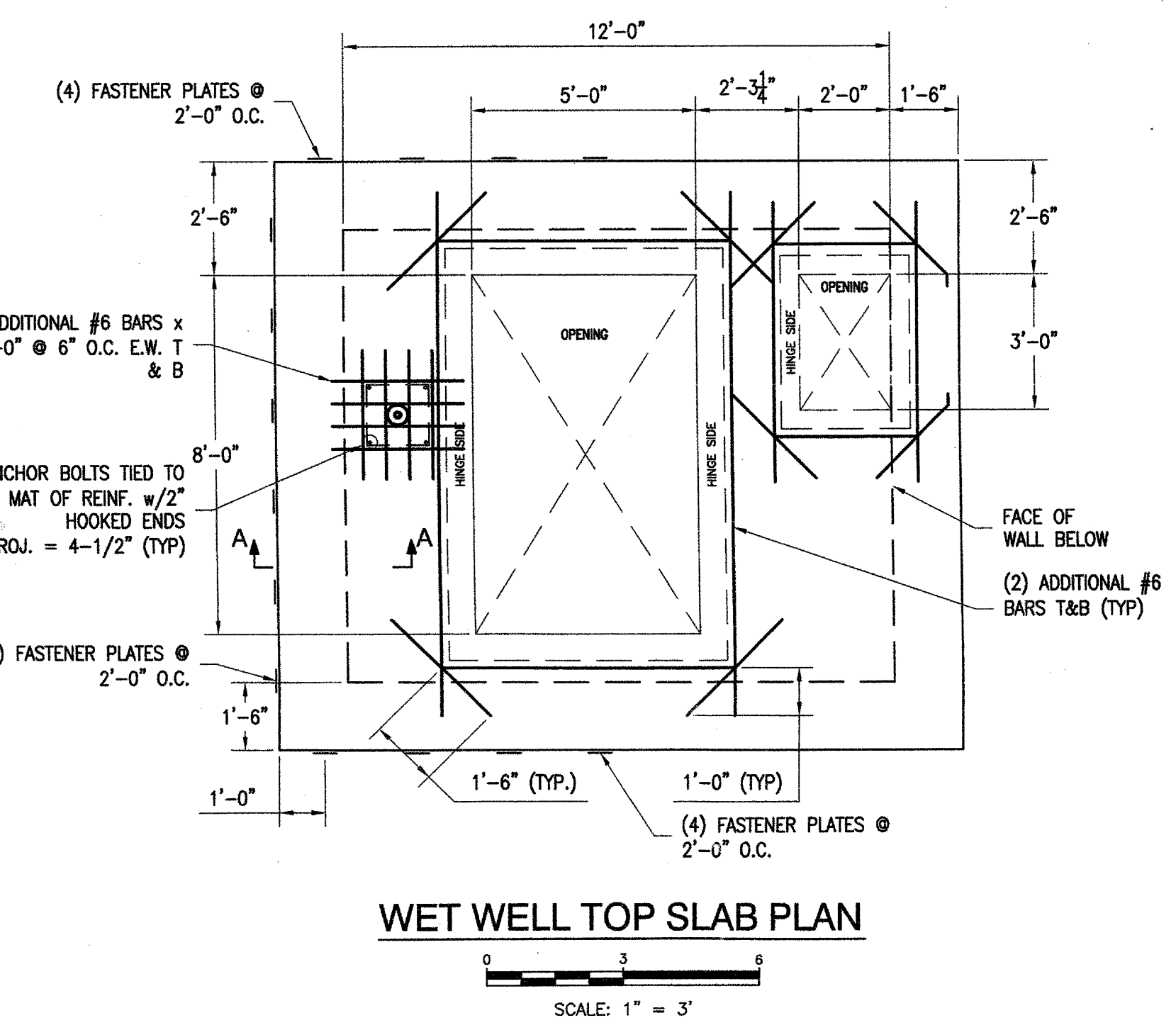
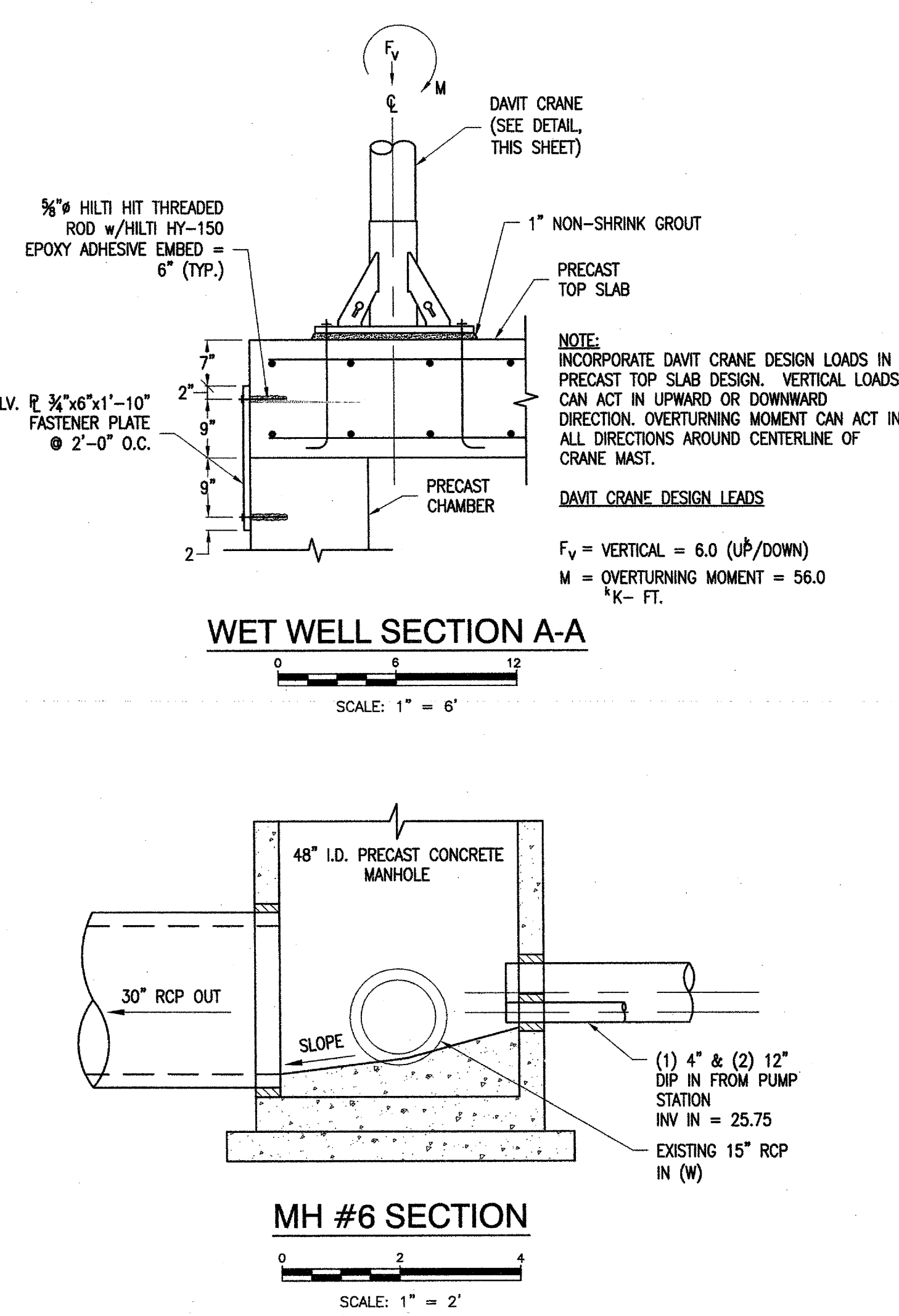
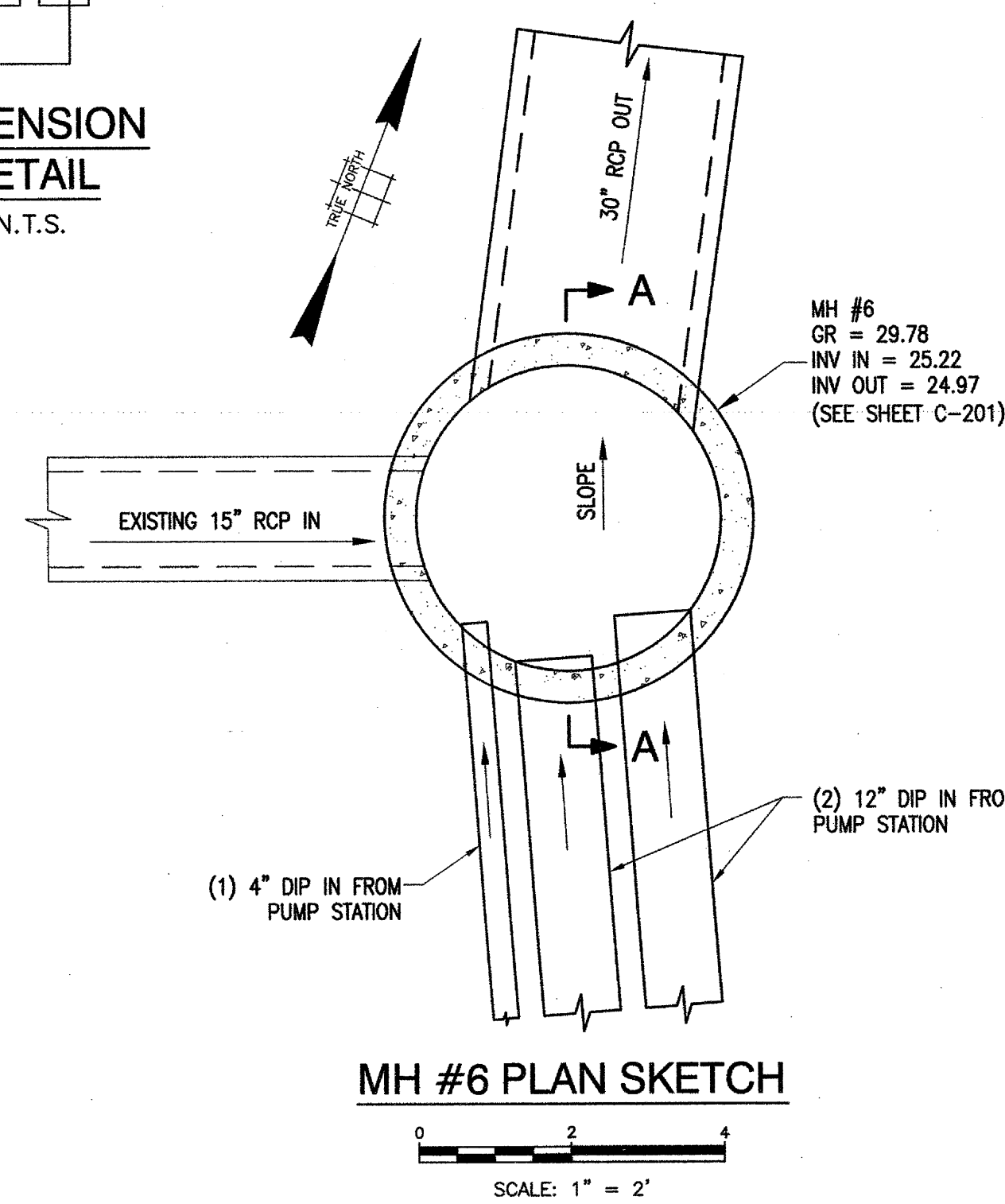
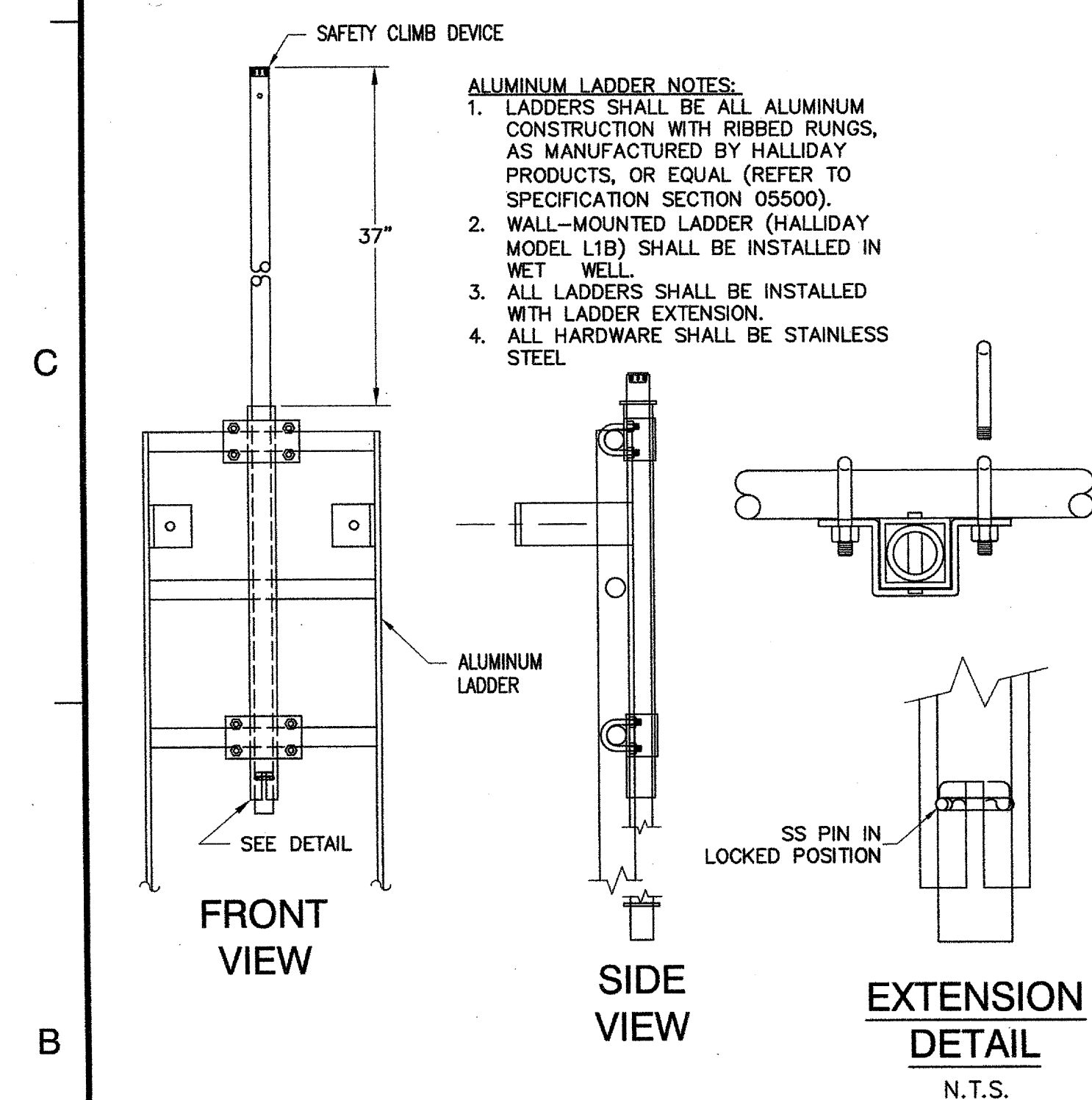


1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE PRECAST CHAMBER FOR REVIEW. STRUCTURAL CALCULATIONS FOR CONCRETE AND FLOTATION DESIGN SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY.
2. PRECAST CHAMBERS SHALL BE DESIGNED FOR FLOTATION AND FOR FULL DEPTH HYDROSTATIC AND EARTH PRESSURE. CHAMBER SHALL BE DESIGNED TO ACCOMMODATE PRESSURE FROM ADJACENT RETAINING WALL, FOOTING AND BACKFILL (REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION). TOP SLABS SHALL BE DESIGNED FOR ASHTO HS22 TRUCK LOADING CONDITIONS. SHOP DRAWINGS AND COMPUTATIONS SHALL BE PREPARED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY.
3. PRECAST CONCRETE CHAMBER SHALL BE COATED WITH TWO SHOP COATS OF EPOXY COATING, MINIMUM DRY FILM THICKNESS OF 4 MILS PER COAT OR APPROVED EQUIVALENT. EXTERIOR COLOR - GREEN. INTERIOR COLOR - WHITE. MANUFACTURER - MAG PAINTS, PLASTIC 650, OR APPROVED EQUAL.
4. ALL PENETRATIONS SHALL BE WATER TIGHT AFTER INSTALLATION OF PIPE.
5. CONCRETE MINIMUM DESIGN STRENGTH - 5,000 PSI @ 28 DAYS
6. STEEL REINFORCEMENT -
ASTM A-615, GRADE 60 REBAR
ASTM A-185, GRADE 65 WELDED WIRE FABRIC,
MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE AS GIVEN IN PARAGRAPH 7.7.1 OF ACI 350.
7. DESIGN LOADING - ASHTO HS25-44.
8. MINIMUM DIMENSION FOR WALL AND SLAB THICKNESS SHOWN.
9. GENERAL CONTRACTOR TO VERIFY ALL OPENINGS SIZES AND LOCATIONS.
10. ALL HARDWARE SHOWN BUT NOT DIMENSIONED IS FOR VISUAL REFERENCE ONLY - DO NOT SCALE FOR PLACEMENT.
11. SLAB TOPS SHALL RECEIVE A NON-SKID BROOM FINISH.



LEVEL CONTROL DATA	
DESCRIPTION	ELEV
LOW LEVEL ALARM	-1.1
JOCKEY PUMP OFF	-1.1
JOCKEY PUMP ON	-0.1
LEAD PUMP OFF	0.1
LEAD PUMP ON	4.1
LAG PUMP ON/ HIGH LEVEL ALARM	5.1

NOTES:

1. PROVIDE A-LOK GASKETS, OR APPROVED EQUAL, FOR ALL PIPE PENETRATIONS (TYP.).
2. STORMWATER PUMP SYSTEM TO BE CONNECTED TO VERTICAL PUMP, AND EMERGENCY POWER SYSTEMS.
3. REFER TO M.E.P. PLANS FOR ELECTRICAL POWER AND CONTROL DETAILS.
4. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND DESIGN CALCULATIONS FOR PRECAST CONCRETE STRUCTURE SIGNED AND SEALED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER.
5. SEE SHEET C-710 FOR STRUCTURAL NOTES AND LOAD CRITERIA.
6. SEE SHEET C-711 FOR ELECTRICAL SINGLE LINE AND NOTES.

8	04.17.12	SLP	TOWNSHIP SIGN OFF
7	03.15.12	SLP	PR #03 ISSUED FOR CONSTRUCTION
6	02.20.12	SLP	DCA REVIEW COMMENTS
5	02.15.12	SLP	PER TWP & BTMJA COMMENTS
4	01.25.12	SLP	PER DEP REVIEW
3	12.21.11	SLP	TOWNSHIP COMMENTS
2	10.28.11	SLP	DCA SUBMISSION
1	09.02.11	SLP	TOWNSHIP COMPLIANCE
No.	DATE	BY	Description

DRAWN BY	SLP
APPROVED BY	CC
CHECKED BY	JM
DATE	07.29.11
TITLE	

CONSTRUCTION
DETAILS
-9-

PROJECT NO. 50045193

C-709

SHEET NO. _____