



ITB 2026-04-01
NE 93rd St. and North Bay Shore Dr. Stormwater Pump Station Hardening Project

ADDENDUM NO. 1

Issued: April 23, 2026

This Addendum No. 1 to the above referenced Invitation to Bid (“ITB”) is issued in response to questions from prospective bidders, or other clarifications and revisions issued by the Village. The ITB is amended in the following particulars only.

The bid due date has been extended from Monday, May 4, 2026, until **Wednesday, May 20, 2026 no later than 2:30 p.m.**

All bids must be signed, sealed, and delivered to the Office of the Village Clerk, Miami Shores Village, 10050 N.E. 2nd Avenue, Miami Shores, FL 33138, and clearly marked: “ITB # 2026-04-01 – NE 93rd Street and North Bayshore Drive Stormwater Pump Station Hardening Project.” clearly marked in the lower left-hand corner on the outside of the envelope. Facsimile or emailed bids shall be rejected and will not be accepted.

- 1. Question: What is the minimum flood zone elevation for the electrical equipment?**

Response: The flood zone elevation is 9.00’, the target elevation for the bottom of the electrical equipment shall be 9.50’ with the control switches at a maximum of 6’-6” from the existing slab.

- 2. Question: What is the existing slab elevation?**

Response: The existing slab elevation is at approximately elevation 4.50’

- 3. Question: Who will be providing the generator & ATS package? Please provide BOM if Miami Shores will be providing it.**

Response: The Village will be providing the generator and the existing ATS will be reused. The new generator specifications are shown on sheet 6. Contractor is to construct the concrete platform and coordinate installation with Village staff as noted on the plans.

4. **Question: Will the existing control panel be reused? Who is the existing pump control panel manufacturer?**

Response: Yes, the existing control panel and pumps will be reused. The pump control panel was manufactured by ITT Flygt in 2009. See attached as-built for the project.

5. **Question: Who is the existing pump manufacturer?**

Response: ITT Flygt

6. **Question: Generator platform structure shows the top slab elevation at +10.5 & showing finished grade 6.5 ft below that. Who will be providing the stairs, platform to access the generator pad?**

Response: The Village does not intend to install stairs or a platform due to the limited space, the generator will be serviced by Village forces using temporary scaffolding equipment at the time of maintenance.

7. **Clarification: Please provide a detail for the new electrical equipment pad & elevations.**

Response: Refer to plans, this is detailed throughout the package.

8. **Question: Will an RTU be required for this project?**

Response: No, the intention is to utilize the existing system as is, and simply elevate and replace the existing equipment that is excessively corroded.

9. **Question: What is the budget estimate?**

Response: This is a match grant. FDEP will fund \$400,000. The Village matches.

Any questions regarding this Addendum should be submitted in writing to the Procurement Administrator at bids@msvfl.gov.

Bidders are reminded to acknowledge receipt of this addendum as part of your bid submission.

Sincerely,



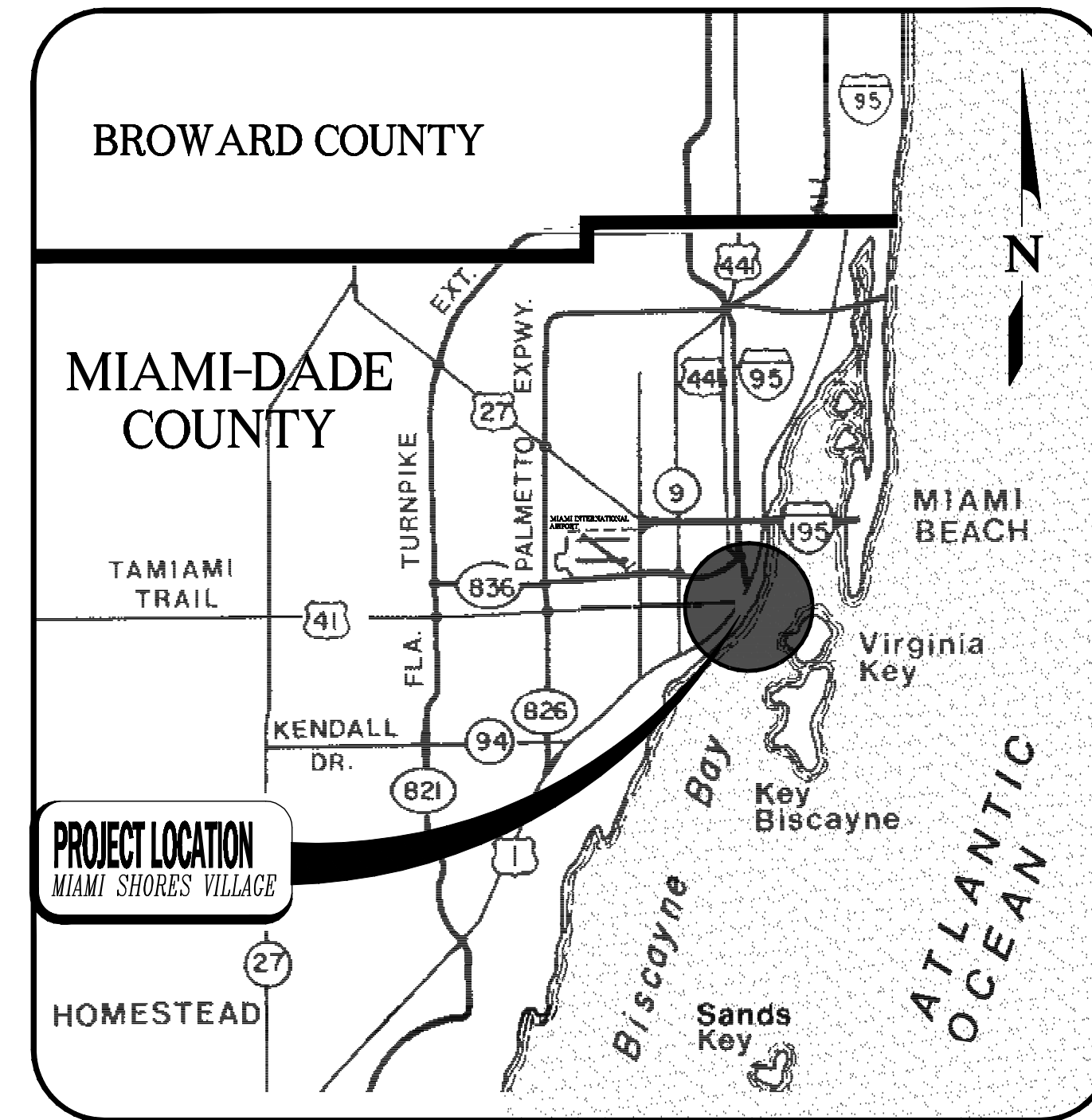
Donna Rockfeld, Procurement Administrator

MIAMI SHORES VILLAGE

BISCAYNE BAY FLOOD RELIEF PROJECT

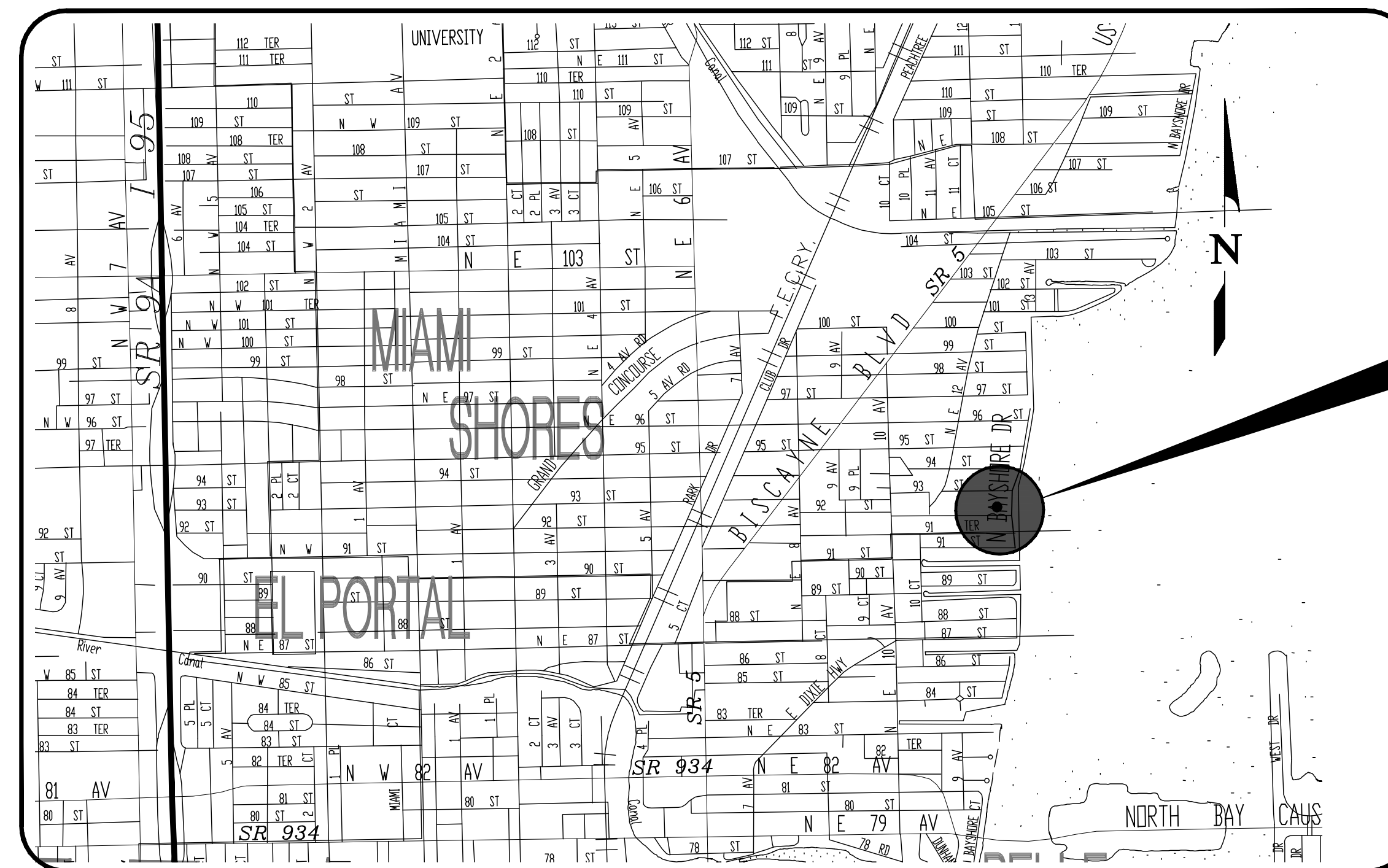
INDEX OF DRAWINGS

SHEET NO	DESCRIPTION:
1	COVER SHEET
2	PLAN AND PROFILE (NORTH BAYSHORE DRIVE)
3	PLAN AND PROFILE (NORTH BAYSHORE DRIVE)
4	PLAN (N.E.91st TERRACE AND N.E.92nd STREET)
5	PUMP STATION SITE PLAN
6	PUMP STATION MECHANICAL DETAILS
7	RISER AND WIRING DIAGRAM AND DETAILS



VICINITY MAP

N.T.S.



LOCATION MAP

N.T.S.

MIAMI SHORES VILLAGE
 NORTH BAYSHORE DRIVE,
 N.W. 91st TERRACE, AND
 N.W. 92nd STREET

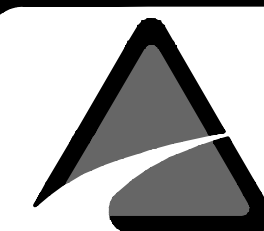
Surveyor's Notes

1. This is an As-built Survey.
2. If shown, bearings are based on an Assumed Meridian.
3. If shown elevations are referred to N.G.V.D 1929, based on a MD County benchmark.
4. This survey has been prepared for the exclusive use of the entities named hereon.
5. Not valid unless sealed with an embossed surveyor's seal.
6. Field work was performed on: October/2005

Surveyor's Certification

I hereby certify, that the attached as built survey, was recently surveyed under my direction and that this survey meets the M.T.S. set forth by the F.B.P.S.M., pursuant to chapter 472.027 and 61G17-6 F.A.C.

Jose C. Porta, P.L.S.
 Certificate N° : 4794
 State of Florida



JOSE C. PORTA PLS
 6157 NW 167 St. Suite F15
 Miami, FL. 33015
 PH: 305 796 1836 FAX: 305 364 4338

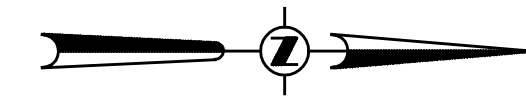
FINAL AS BUILT SURVEY

Prepared for:

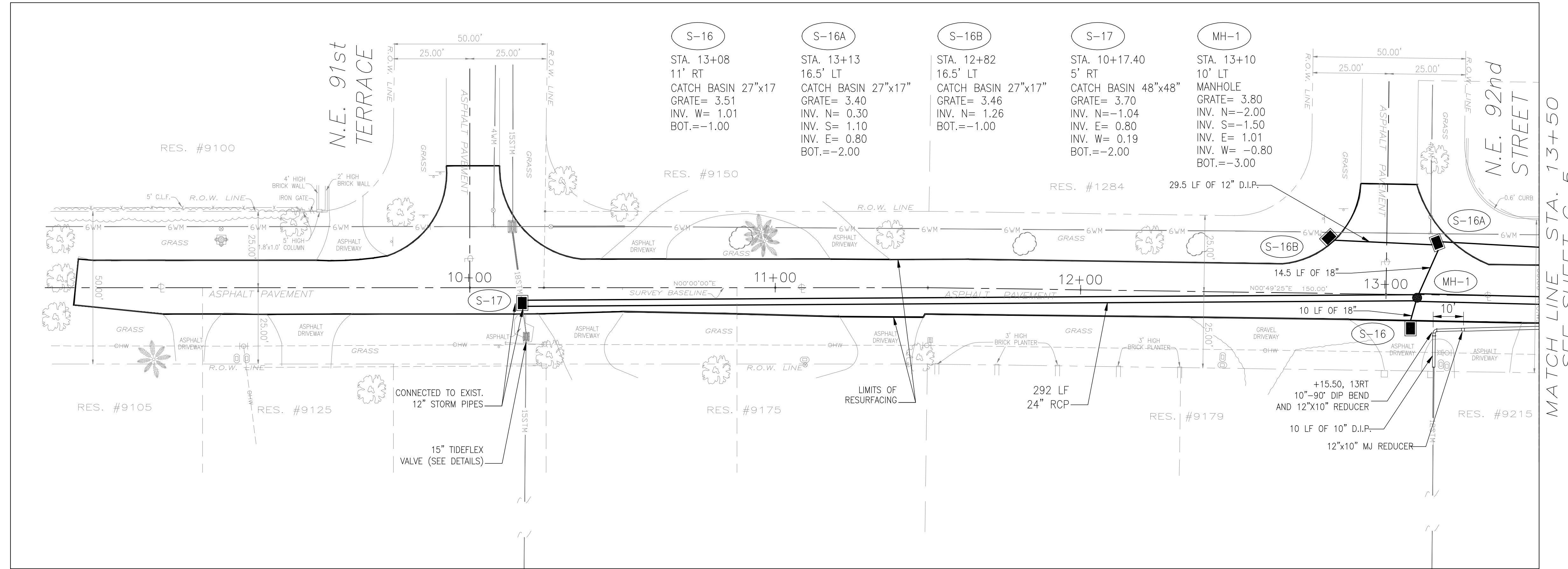
LEON'S ENGINEERING CORP.
 15124 SW 63 ST.
 MIAMI, FLORIDA 33193

revisions	date	job number: 09-12
		field book:
		date: 10/15/09
		drawn by: DP
		checked by: J.P
		scale: Indicated
		Sheet 1 of 7

NORTH BAYSHORE DRIVE



PLAN



9 + 00

10 + 00

11 + 00

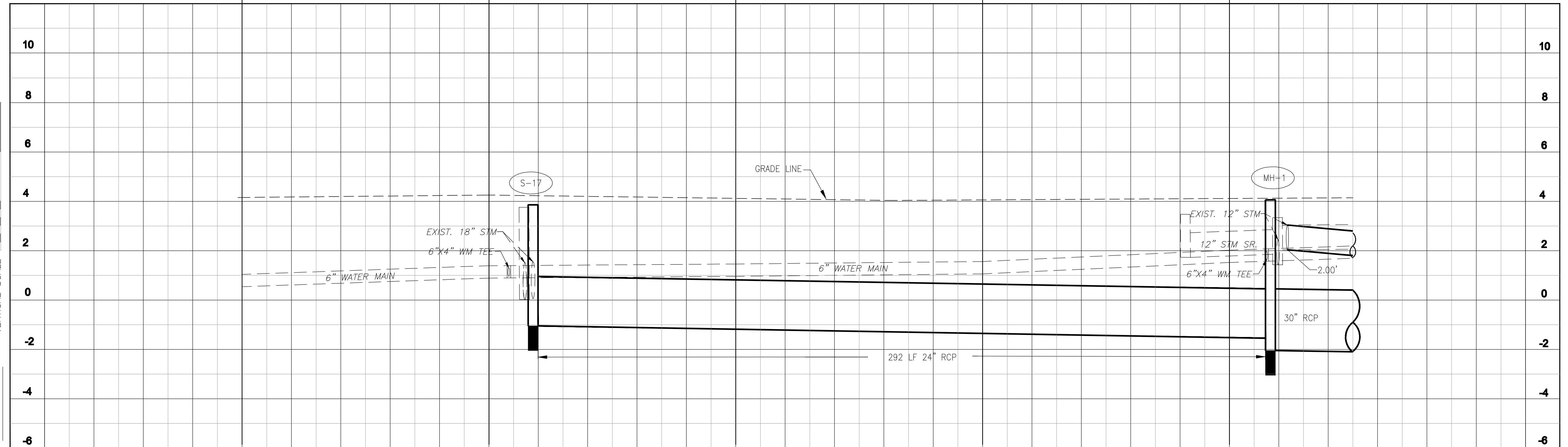
12 + 00

13 + 00

SCALE IN FEET
HORIZONTAL SCALE 0 20 40 60

SCALE IN FEET
VERTICAL SCALE 0 2 4 6

PROFILE



Jose C. Porta, P.L.S.
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State of Florida

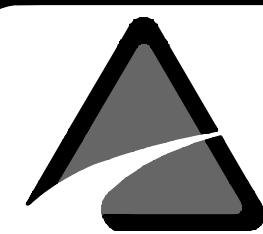
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MIAMI, FLORIDA 33193

revisions

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scale:indicated
Sheet 2 of 7

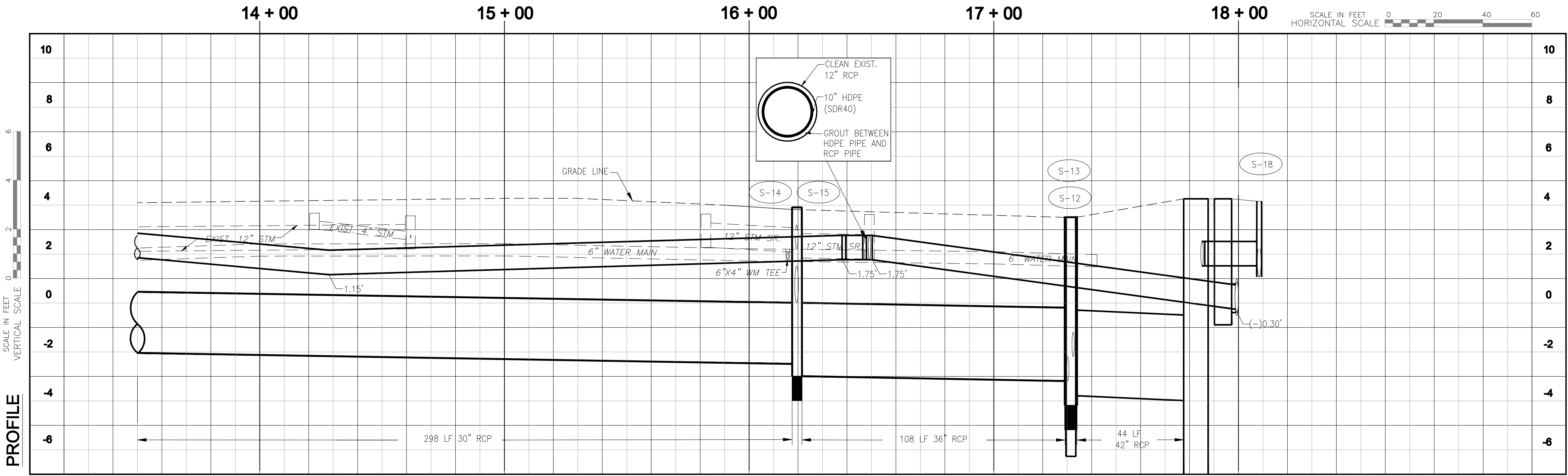
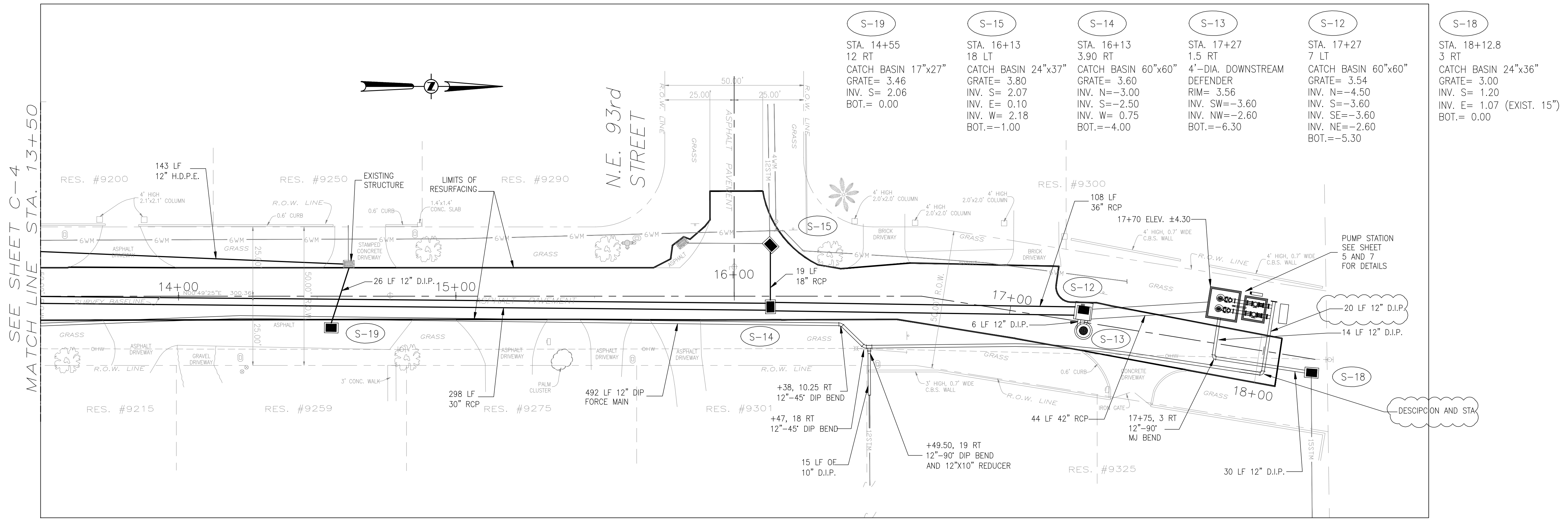


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FINAL AS BUILT SURVEY

NORTH BAYSHORE DRIVE

PLAN



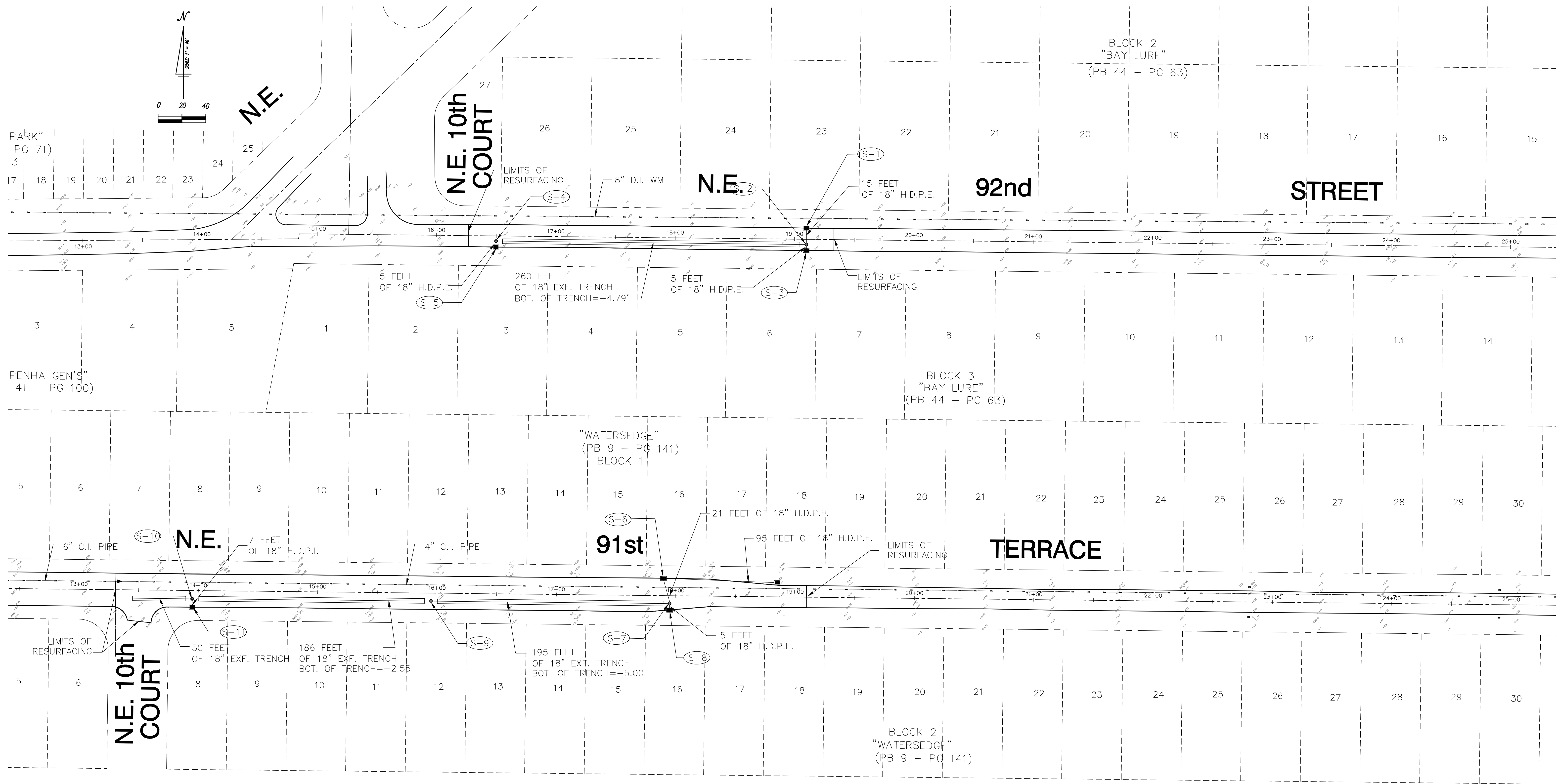
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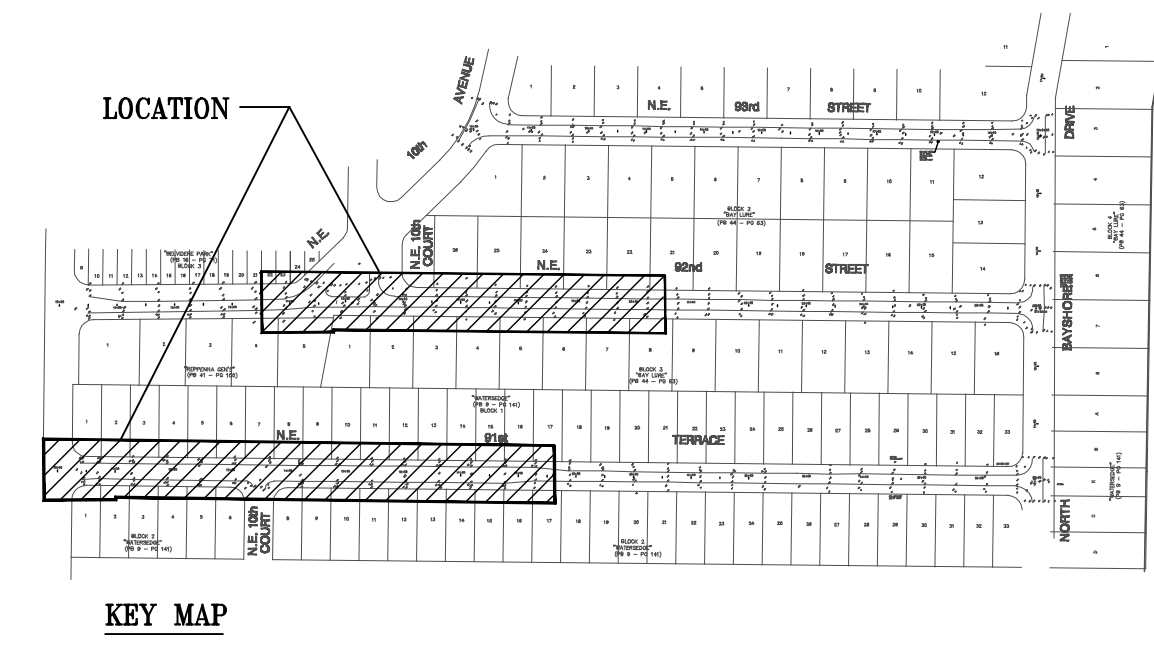
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MIAMI, FLORIDA 33193

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		Sheet 3 of 7



STRUCTURE	TYPE	Inside Dimensions	Street	Location			Rim Elevation	Bottom Elevation	Pipe Inverts			
				Station	Offset	Side			N	S	E	W
S-1	C. BASIN	42" DIAM.	92 St.	19+10	11	L	4.95	-0.50	1.25			
S-2	P7-T	42" x 42"	92 St.	19+10	11	R	5.33	-0.50	0.62	1.07		0.78
S-3	C. BASIN	42" DIAM.	92 St.	19+10	11	R	4.93	-0.50	1.12			
S-4	P7-T	42" DIAM.	92 St.	16+50	11	R	6.40	-0.50	2.47	1.04		
S-5	C. BASIN	42" DIAM.	92 St.	17+90	11	R	6.70	1.00	3.15			
S-6	C. BASIN	42" DIAM.	91 TE.	17+95	11	R	5.10	-2.75	0.75			
S-7	P7-T	42" x 42"	91 TE.	17+95	11	L	5.42	-2.75	0.75	1.44		1.50
S-8	C. BASIN	42" DIAM.	91 TE.	15+95	11	R	5.00	-0.50	1.42			
S-9	P7-T	42" DIAM.	91 TE.	13+95	11	R	7.25	-0.50		1.50	2.90	
S-10	P7-T	42" x 42"	91 TE.	13+95	11	R	8.10	1.00	4.50	2.80	2.80	
S-11	C. BASIN	42" DIAM.	91 TE.	13+95	11	R	7.80	2.50	4.20			
S-11A	C. BASIN	42" DIAM.	91 TE.	18+85	11	L	4.10	-2.50				-0.75



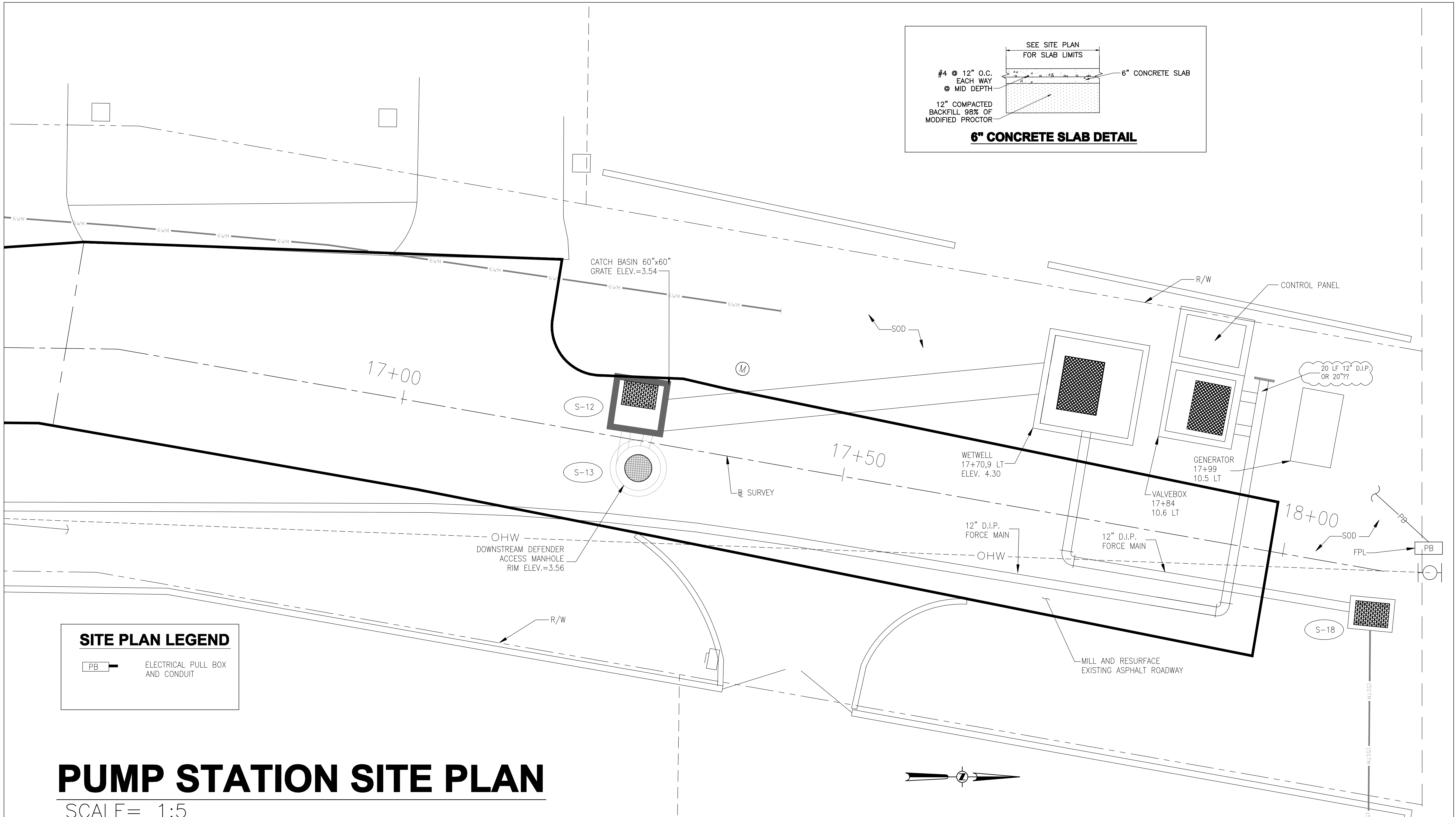
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		Sheet 4 of 7



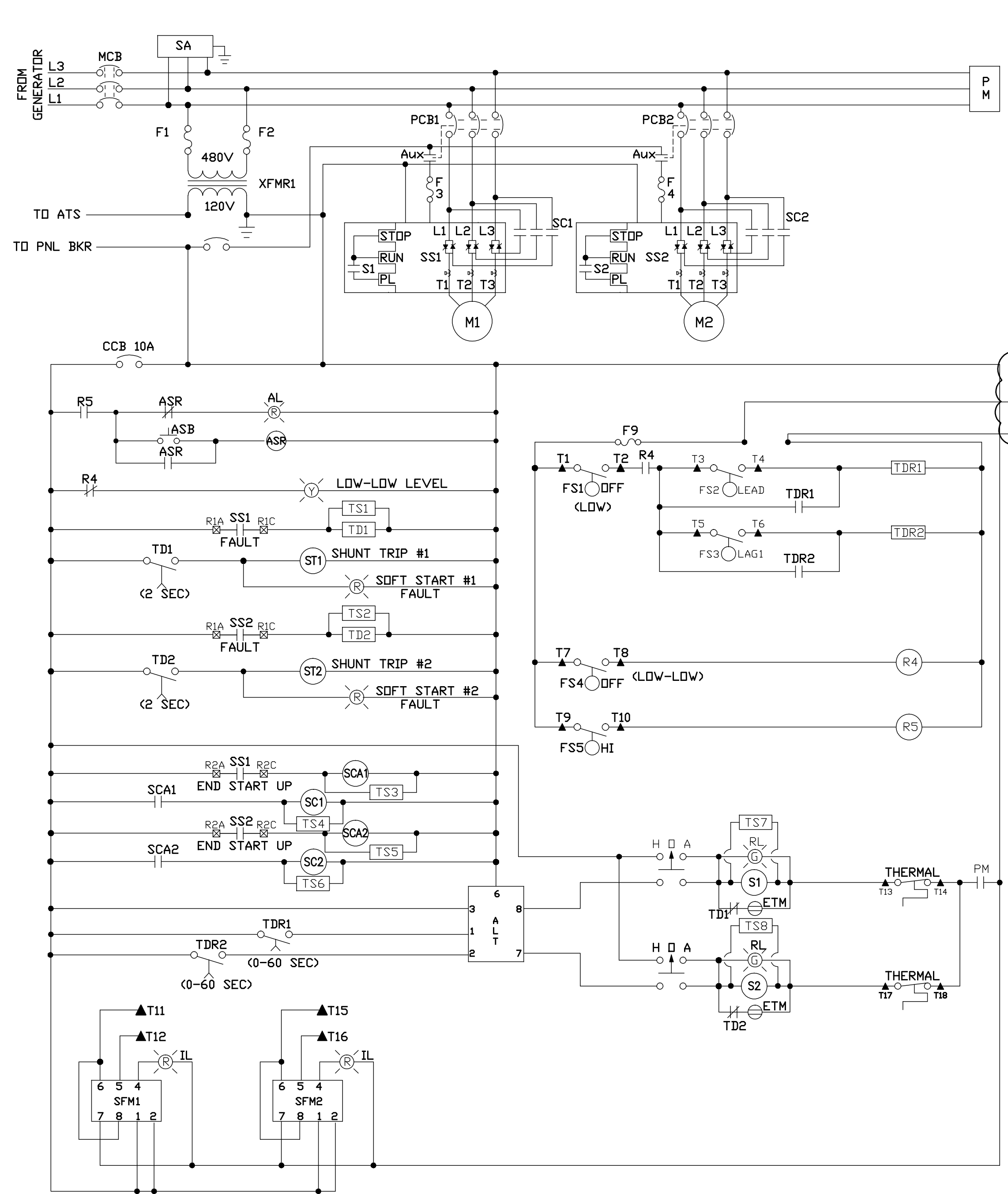
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 15124 SW 63 ST.
 MIAMI, FLORIDA 33183

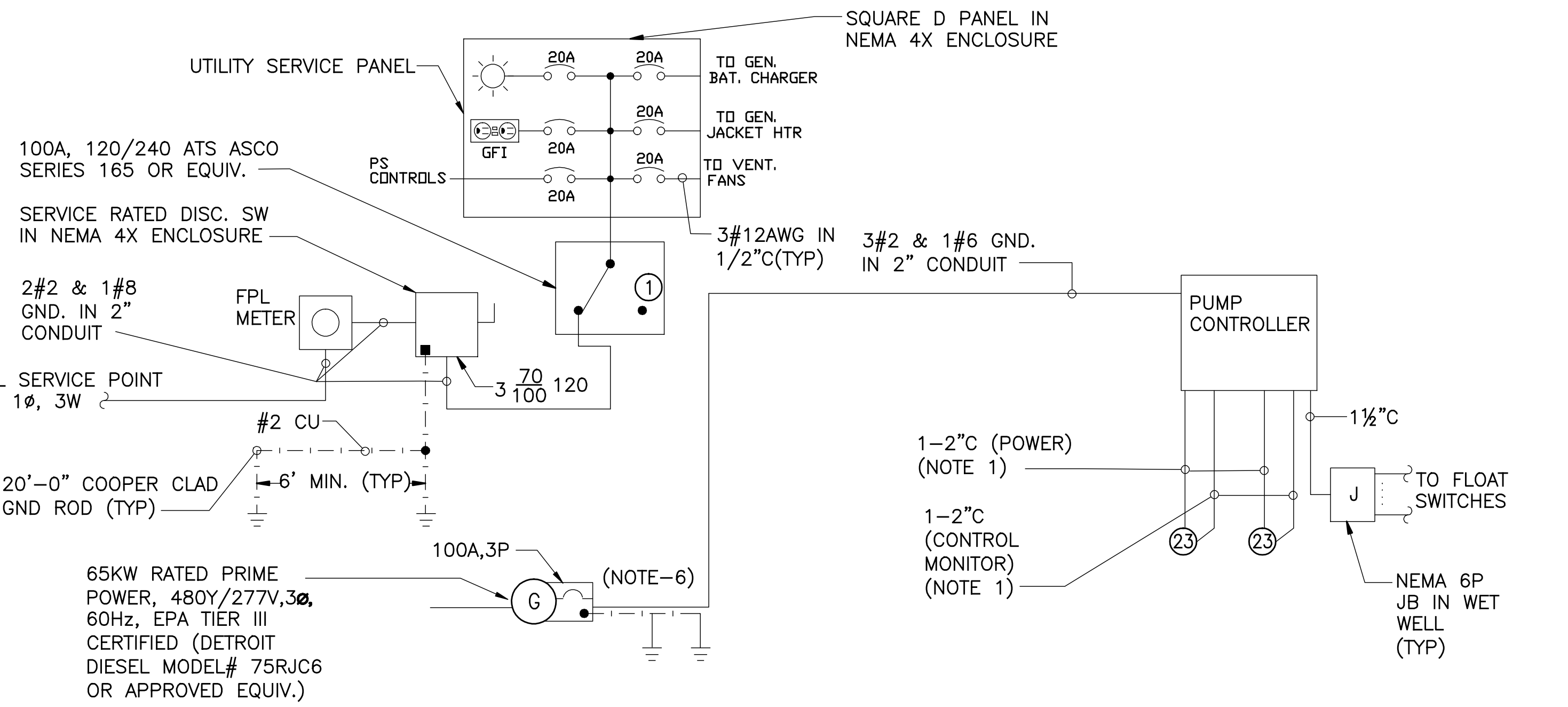
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		checked by:J.P
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		Sheet 5 of 7



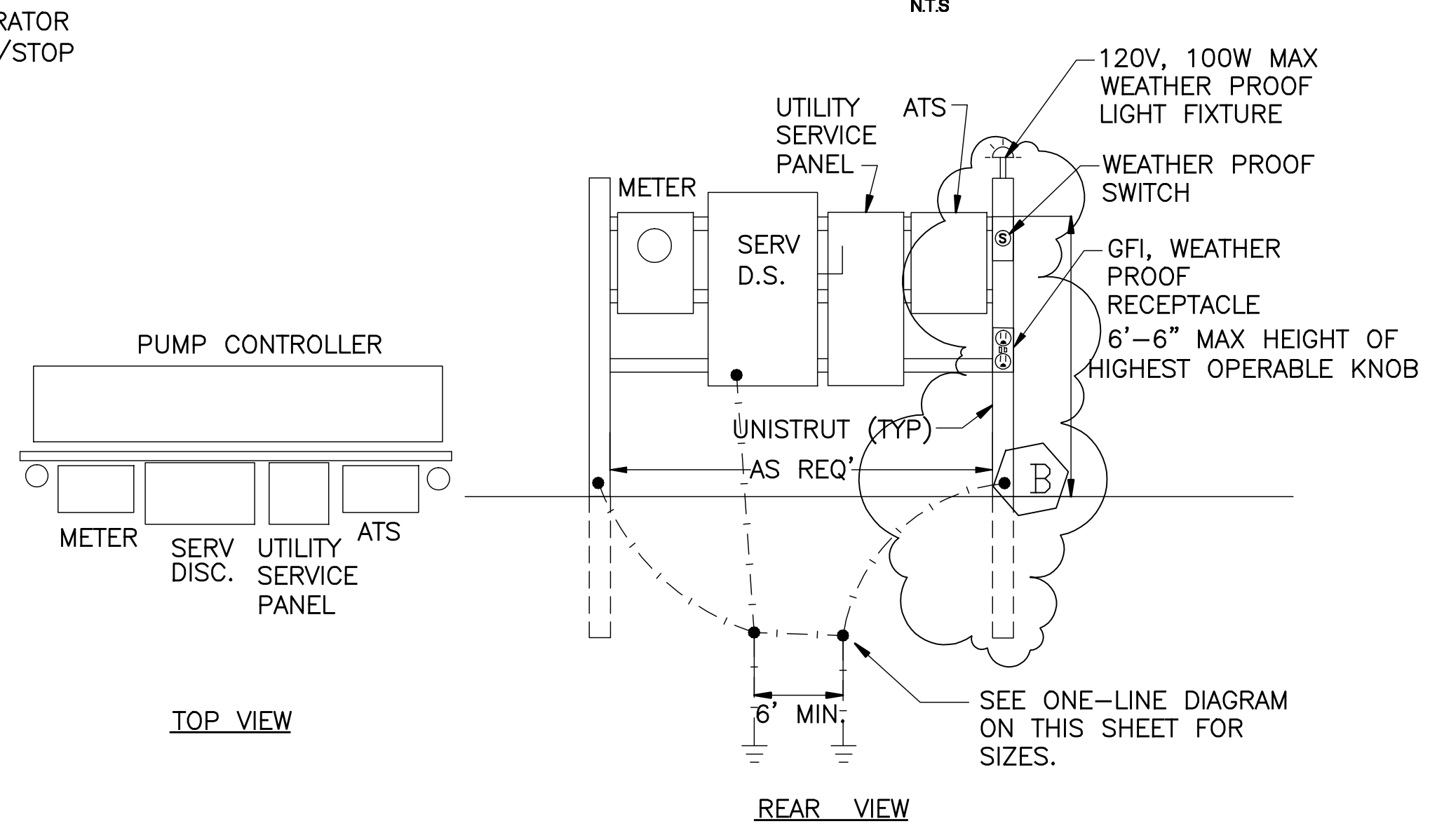
PUMP STATION WIRING DIAGRAM
NTS

SEQUENCE OF OPERATIONS:

1. WHEN WATER LEVEL RISES ABOVE LEAD FLOW SWITCH THE LEAD PUMP, AS DETERMINED BY ALTERNATOR, WILL START.
2. IF WATER LEVEL CONTINUES TO RISES ABOVE THE LAG1 FLOW SWITCH THE 1ST LAG PUMP, AS DETERMINED BY ALTERNATOR, WILL START.
3. ALL RUNNING PUMPS WILL SHUT OFF SIMULTANEOUSLY AS THE LOW LEVEL FALLS BELOW THE LOW LEVEL FLOW SWITCH.
4. THE LOW-LOW LEVEL FLOW SWITCH WILL SHUT-OFF THE PUMPS IF THE LOW LEVEL SWITCH WERE TO FAIL (STUCK CLOSED).
5. ADJUSTABLE LAG DELAY RELAYS WOULD PREVENT ALL PUMPS TO RE-START SIMULTEOUSLY FOLLOWING A TEMPORARY LOSS OF POWER WITH THE WATER LEVEL PAST THE LEAD FLOW SWITCH.
6. ADDITIONAL SYSTEM PROTECTION PROVIDED INCLUDES THERMAL OVERLOAD PROTECTION, SEAL FAILURE INDICATION, AND SOLID STATE SOFT STARTER ARE SHUNTED OUT IN CASE OF A STARTER FAILURE.

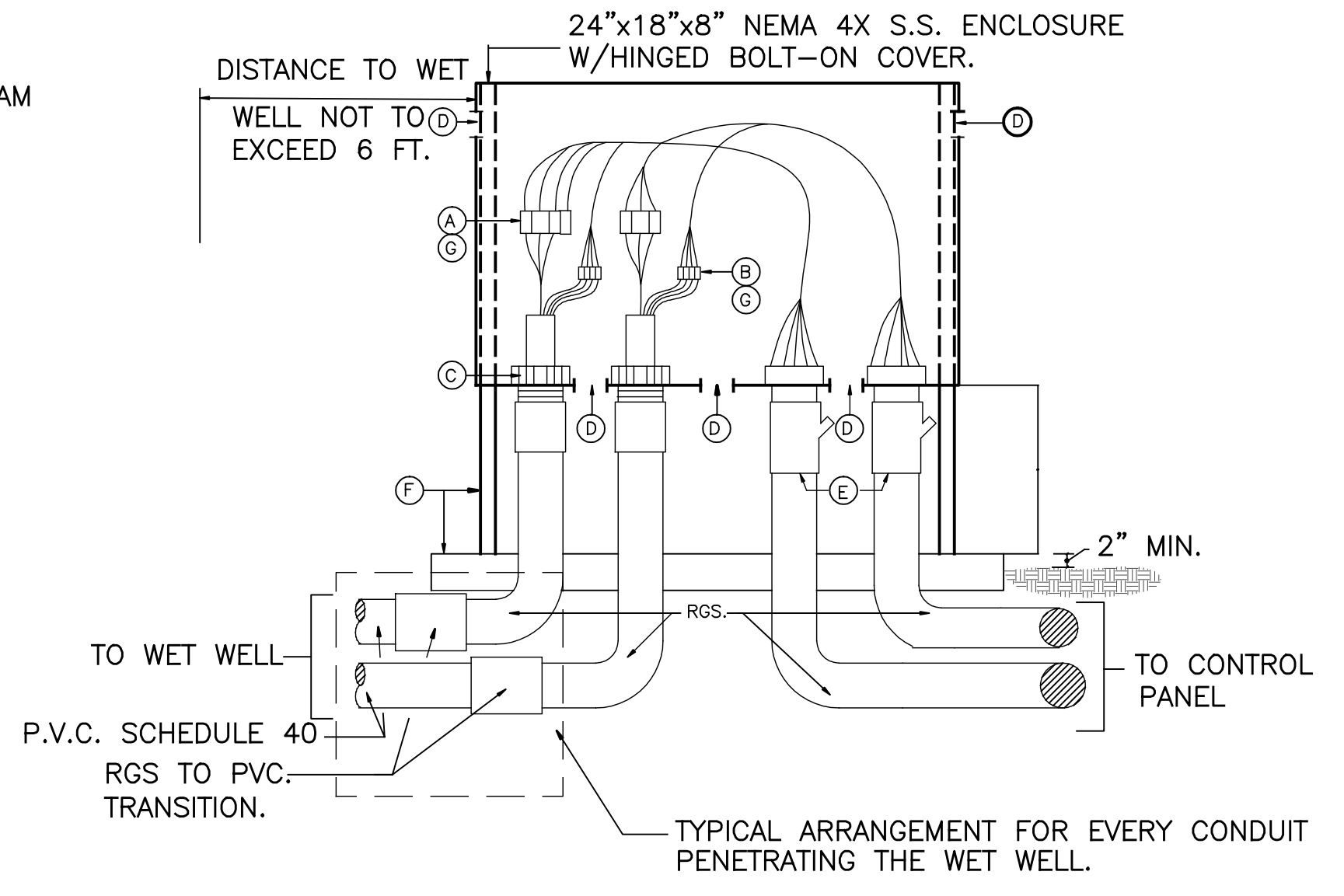


ONE - LINE DIAGRAM
NTS



CONTROLLER RACK DETAIL
NTS

- (A) 6-POLE POWER INSULATED TERM BLOCK PANEL MOUNT ALLEN BRADLEY BULLETIN 1492 SIZED AS REQUIRED.
- (B) 6-CIRCUIT CONTROL INSULATED TERM BLOCK PANEL MOUNT ALLEN BRADLEY BULLETIN 1492
- (C) GLAND NUT AND NEOPRENE BUSHING EQUAL TO GROUSE HINDS CGK SIZE AS REQUIRED FOR CABLE O.D.
- (D) 1/4" DRAIN AND VENTILATION HOLES
- (E) CONDUIT SEAL
- (F) 3' x 3' x 6" CONCRETE SLAB AND 1 5/8" x 1 5/8" S.S. UNISTRUT SUPPORT FOR ENCLOSURE.
- (G) COAT WITH CLEAR URETHANE SEAL ELECTRICAL-ELECTRONIC INSULATOR AS CRC 'U' 02049



PUMPS MOTOR CONNECTION BOX
(USE IN SUBMERSIBLE WET WELL APPLICATIONS ONLY)

RISER AND WIRING DIAGRAM AND DETAILS

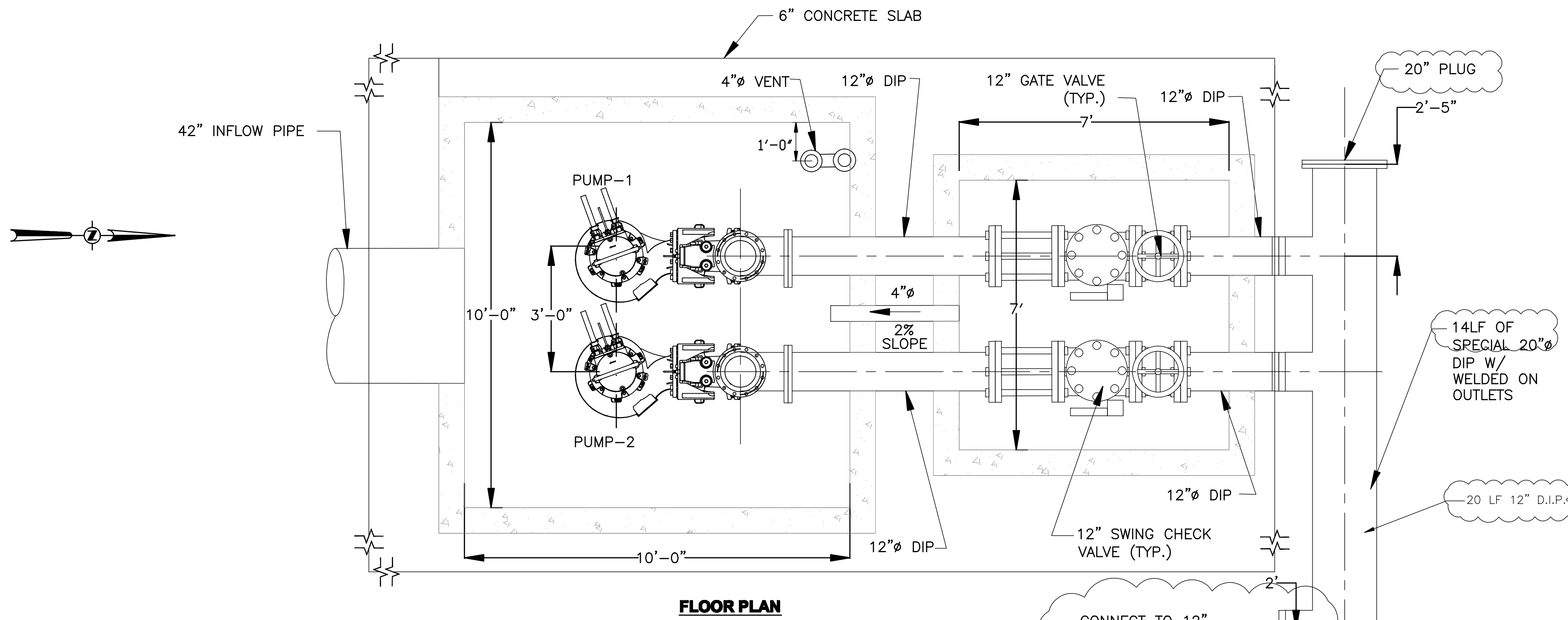
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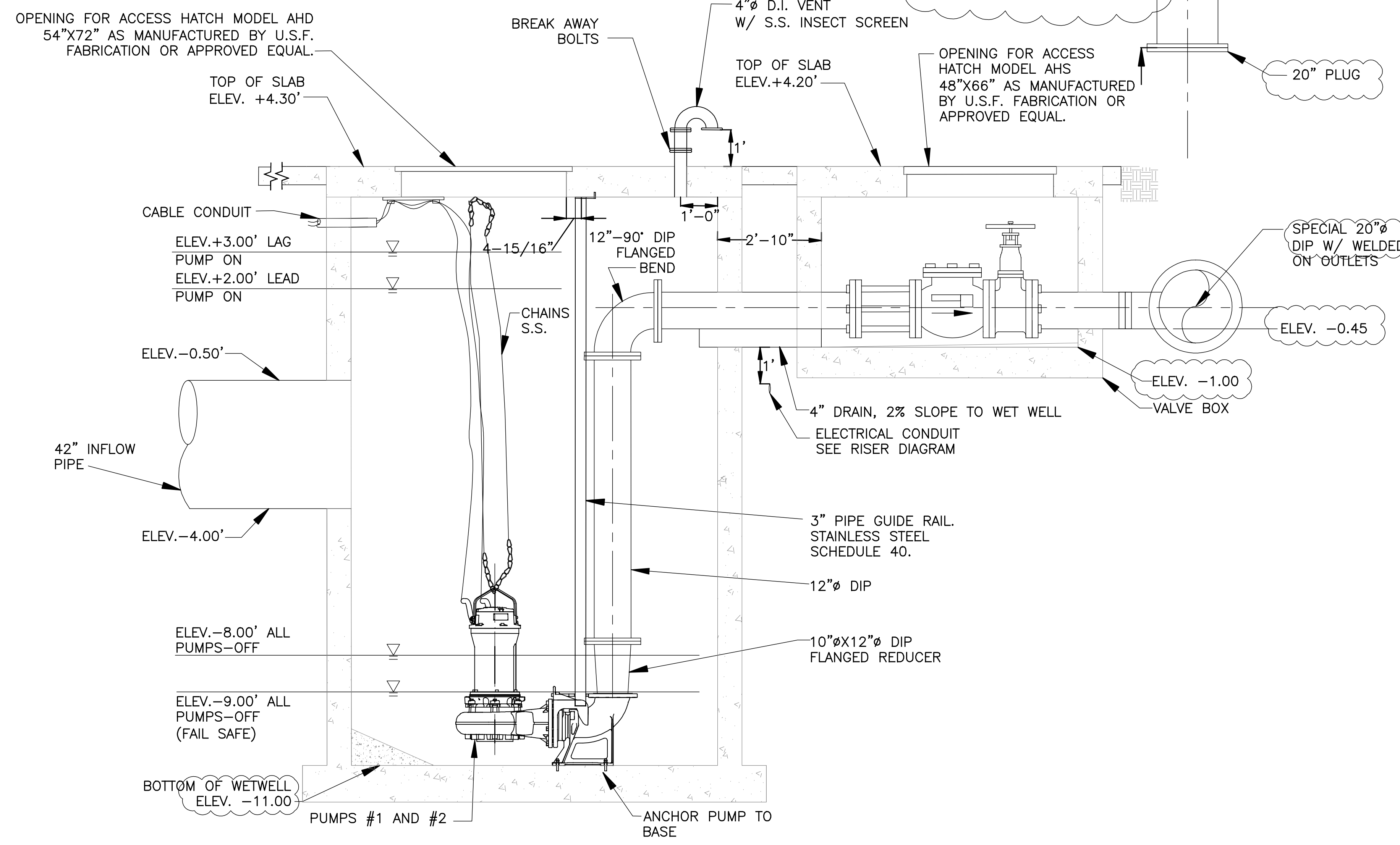
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LEON'S ENGINEERING CORP.
15124 SW 83 ST.
MIAMI, FLORIDA 33183

revisions	date	job number:09-12
		field book:
		date:10/15/09
		drawn by: DP
		checked by: J.P
		scale:indicated
		Sheet 6 of 7



FLOOR PLAN

PUMP STATION DATA TABLE		
PUMP #1 CAPACITY	G.P.M.	2886
PUMP #2 CAPACITY	G.P.M.	2886
TDH (BOTH PUMPS ON)	FEET OF HEAD	11.1
PUMP CYCLE TIME	MINUTES	10
WET WELL DIMENSIONS	FEET	10' X 10' X 15.25'
PUMP MFG. & MODEL	PUMPEX	K250F-CG7350
IMPELLER	MM	350
PUMP EFFICIENCY	--	56%
PUMP DISCHARGE	INCHES	10"
MOTOR SIZE	H.P.	23
PUMP SPEED	R.P.M.	885
TOP OF SLAB	ELEV.	+4.25'
DISCHARGE PIPE INVERT	ELEV.	-0.45'
INFLUENT PIPE INVERT	ELEV.	-4.00'
LAG PUMP ON	ELEV.	+3.00'
LEAD PUMP ON	ELEV.	+2.00'
ALL PUMPS OFF	ELEV.	-8.00'
PUMP OFF (FAIL SAFE)	ELEV.	-9.00'
WET WELL BOTTOM	ELEV.	-11.00'
VALVE BOX BOTTOM	ELEV.	-1.00'
ELECTRICAL SERVICE		480V/3Ø/60Hz
PEAK FLOW (BOTH PUMPS ON)	G.P.M.	5772



ELEVATION PLAN

TYPICAL PUMP STATION
N.T.S.

PUMP STATION MECHANICAL DETAILS

Jose C. Porta, P.L.S.
Certificate N°:4794
State of Florida

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FINAL AS BUILT SURVEY

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LEON'S ENGINEERING CORP.
15124 SW 63 ST.
MIAMI, FLORIDA 33193

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		scale: indicated
		Sheet 7 of 7

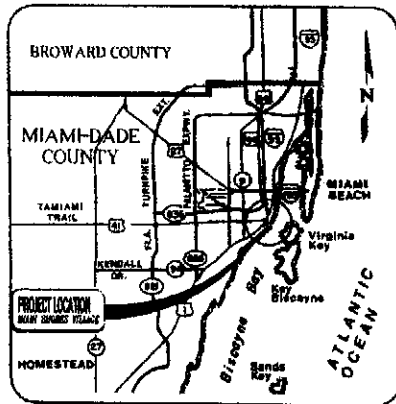


MIAMI SHORES VILLAGE

BAYSHORE DRIVE PUMP STATION ELECTRICAL MODIFICATIONS

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	ELECTRICAL MODIFICATIONS SITE PLAN AND DETAILS
3	ELECTRICAL LEGEND, ABBREVIATIONS, AND NOTES RISER DIAGRAM AND DETAILS



VICINITY MAP
N.T.S.

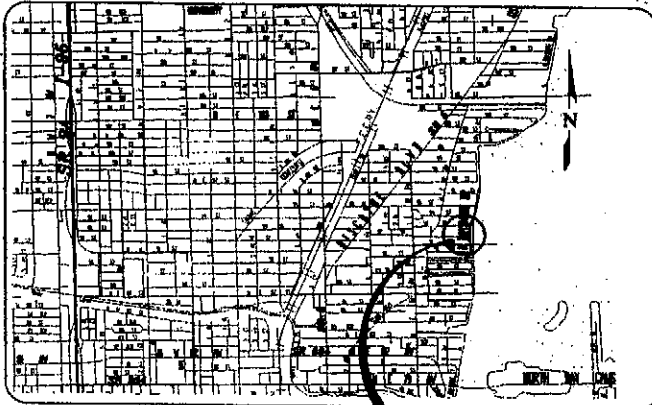
PREPARED BY:

T.Y.LIN INTERNATIONAL / H.J. ROSS

201 ALHAMBRA CIRCLE • SUITE 900 • CORAL GABLES, FLORIDA 33134
PHONE: (305)-567-1888 • FAX: (305)-567-1771
EB00000407

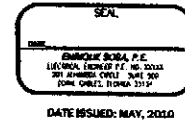
PW

Miami Shores Village		
APPROVED	BY	DATE
ZONING DEPT	<i>[Signature]</i>	6-2-10
BLDG DEPT		
SUBJECT TO COMPLIANCE WITH ALL FEDERAL STATE AND COUNTY RULES AND REGULATIONS		



LOCATION MAP
N.T.S.

MIAMI SHORES VILLAGE
NORTH BAYSHORE DRIVE
AND N.W. 93rd STREET



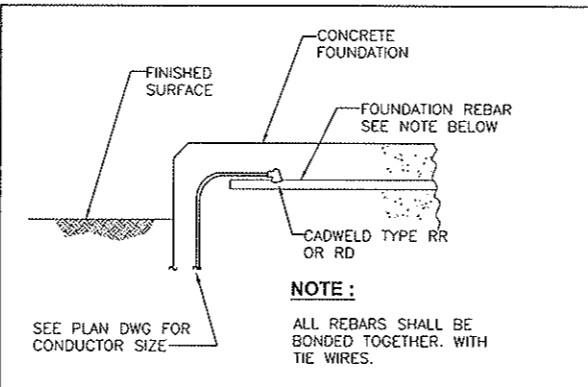
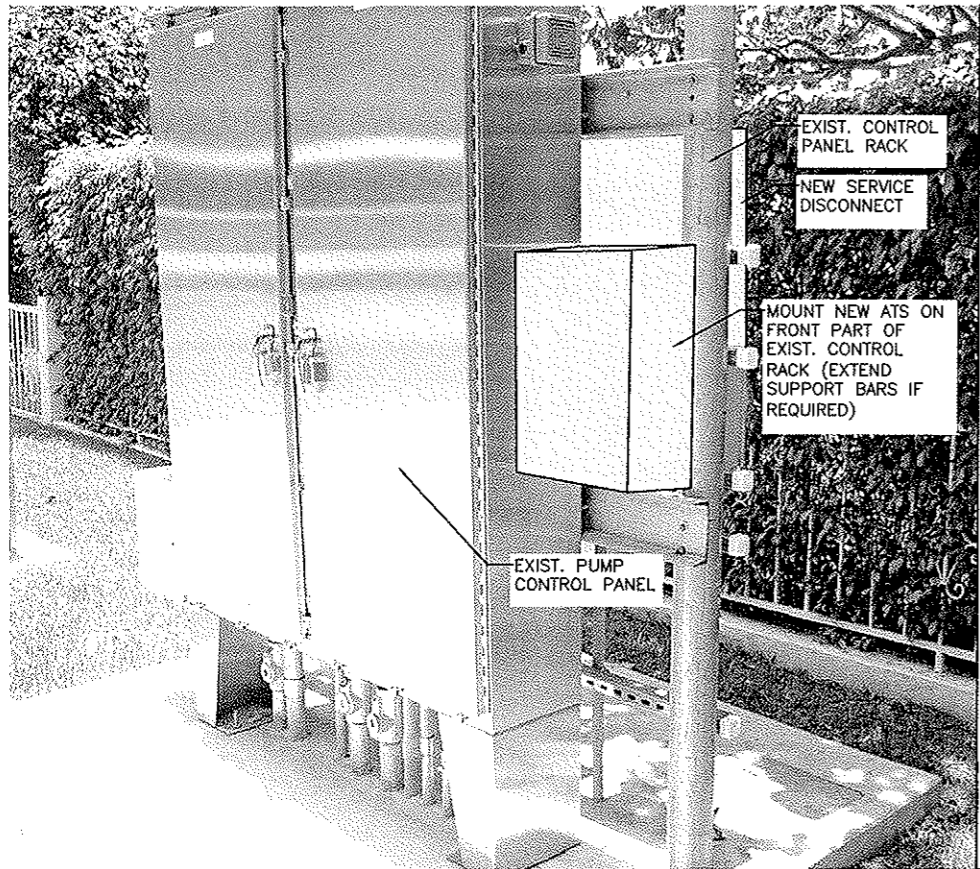
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JUN 02 2010

Public Utility

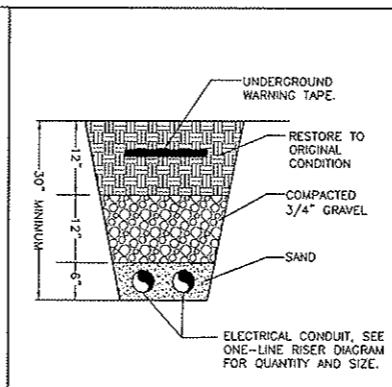
BY: *ed*

FIELD COPY

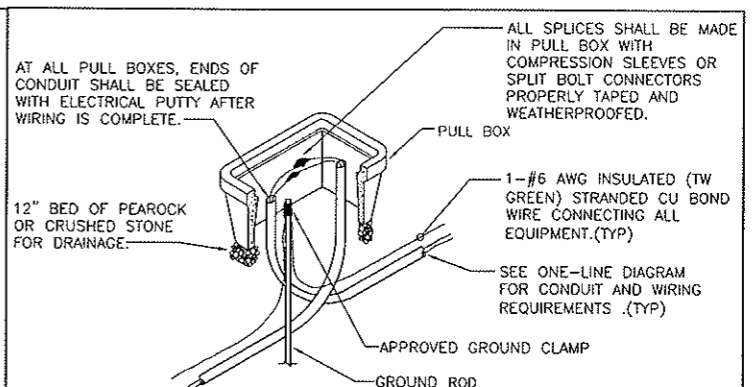
**THIS MUST BE ON
JOB AT TIME OF
INSPECTION**



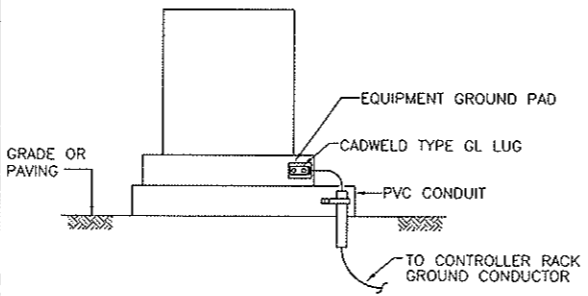
TYP. FOUNDATION REBAR-GROUND CONNECTION
N.T.S



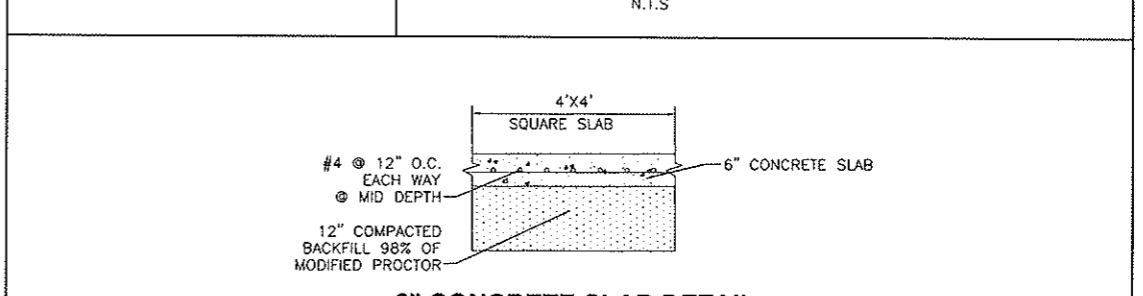
BURIED CABLE TRENCH
N.T.S



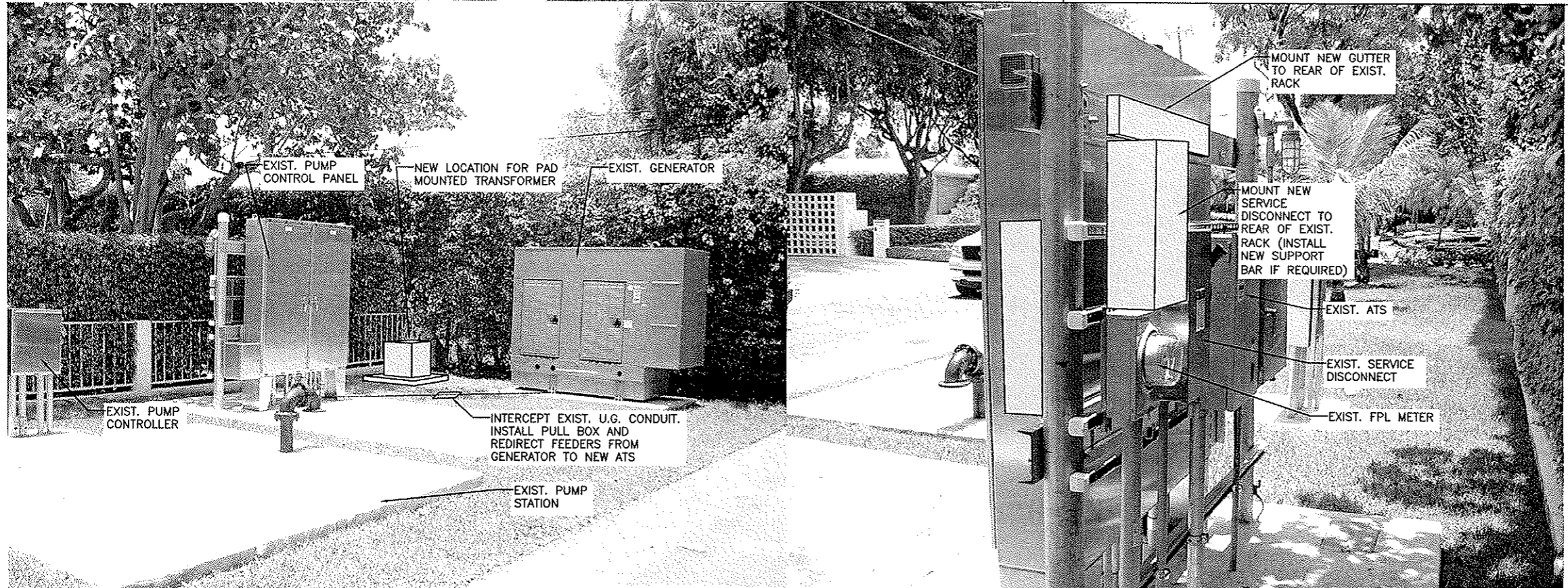
PULL BOX WIRING DETAIL
N.T.S



TYP. PAD MOUNTED EQUIPMENT GROUND
N.T.S



6\"/>



PUMP STATION ELECTRICAL MODIFICATIONS

No.	Date	Revision	By
7			
6			
5			
4			
3			
2			
1			

T.Y. LIN INTERNATIONAL / H.J. ROSS
 201 ALHAMBRA CIRCLE • SUITE 900 • CORAL GABLES, FLORIDA 33134
 PHONE: (305) 567-1888 • FAX: (305) 567-1771
 EID00000407

MIAMI SHORES VILLAGE
 BAYSHORE DRIVE PUMP STATION
 ELECTRICAL MODIFICATIONS
 SITE PLAN AND DETAILS



SEAL
ENRIQUE SOSA, P.E.
 CENTRAL ENERGY P.L. NO. 3008
 13150 SW 10TH ST.
 CORAL GABLES, FLORIDA 33134

Date: SEPTEMBER 2006
 Drawn: F.A.
 Checked: E.S.
 Scale: AS SHOWN
 CAD File: 2

CONTRACT No.

PROJECT No.
550208.01

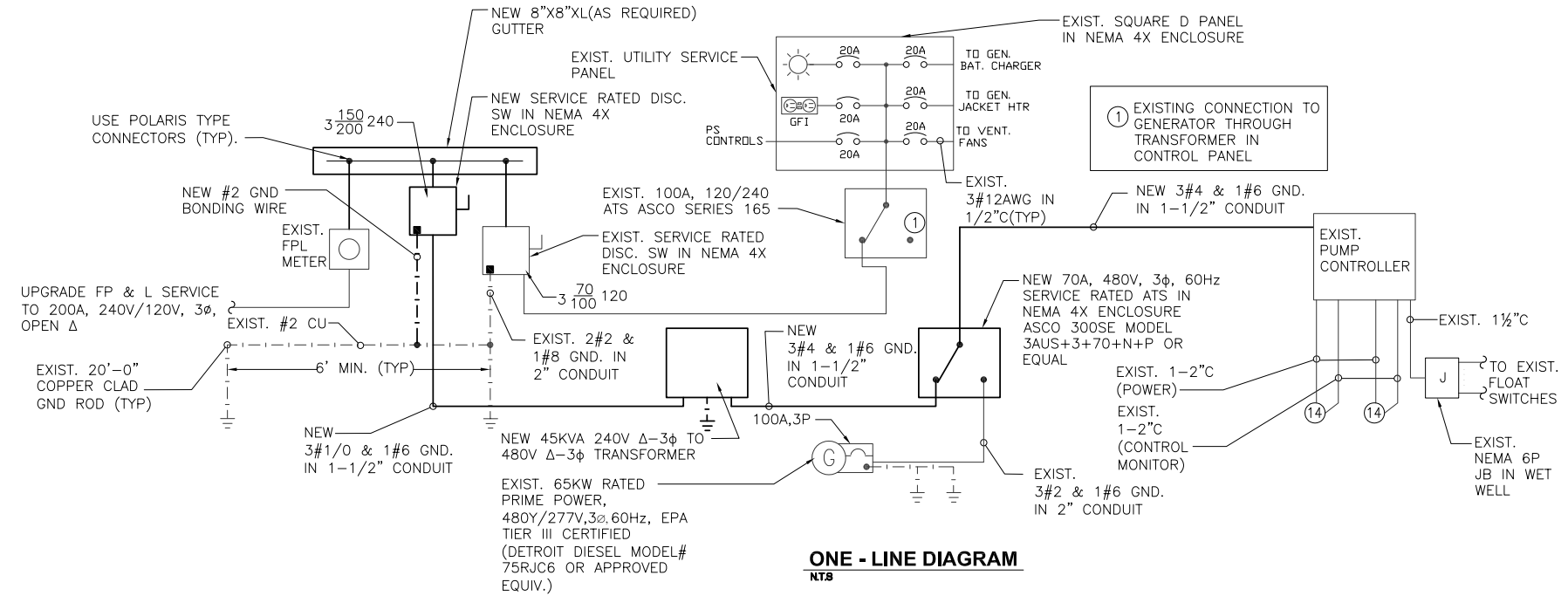
SHEET
2

ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
- THE CONTRACTOR WILL EXAMINE THE JOB SITE AND DETERMINE FOR HIMSELF PRIOR TO SUBMISSION OF BID, EXISTING CONDITIONS.
- ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. IT WILL BE HIS RESPONSIBILITY TO SECURE AND PAY FOR ANY PERMITS, CERTIFICATES OF INSPECTION, ETC.
- SUBSTITUTE MATERIALS, EQUIPMENT OR METHODS SHALL NOT BE MADE WITHOUT APPROVAL OF THE ENGINEER. IF THE USE OF A SUBSTITUTE REQUIRES ANY CHANGE IN WORK, THE NECESSITY FOR SUCH CHANGE WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND IF APPROVED, SHALL BE MADE AT NO COST TO THE OWNER.
- CLEAN UP SUCH TRASH AND DEBRIS GENERATED BY THE WORK AND LEAVE COMPLETED WORK IN A CLEAN, UNDAMAGED, AND FINISHED CONDITION READY TO RECEIVE WITHOUT FURTHER PREPARATION, UNLESS SO SPECIFIED IN OTHER SECTIONS, ANY ADJACENT OR ABUTTING WORK TO BE PERFORMED BY OTHERS.
- MATERIALS, APPLIANCES, DEVICES AND EQUIPMENT SHALL MEET WITH THE REQUIREMENTS OF UNDERWRITERS' LABORATORIES AND SHALL BE NEW AND THE LATEST STANDARD PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF THE ITEM, UNLESS OTHERWISE INDICATED. LIKE ITEMS SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER.
- ALL CONDUCTORS SHALL BE COPPER AND RUN IN CONDUIT. WIRE SIZE SHALL BE #12 AWG MIN., THWN, UNLESS OTHERWISE NOTED ON PLANS. PROVIDE GROUND CONDUCTOR PER NEC 250-95. DO NOT SHARE NEUTRALS, RUN A NEUTRAL WIRE FOR EACH CIRCUIT.
- PROVIDE TYPEWRITTEN SCHEDULES FOR ALL PANELBOARDS. PROVIDE NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT.
- THE INTENT OF THESE PLANS IS TO PROVIDE A COMPLETE AND USABLE PROJECT. THESE PLANS ARE DIAGRAMMATIC IN CHARACTER AND ANY ITEMS WHICH ARE CLEARLY NECESSARY FOR THE COMPLETION OF THE WORK SHALL BE CONSIDERED A PORTION OF THE WORK EVEN THOUGH NOT DIRECTLY SPECIFIED OR SHOWN ON THIS DRAWING AND SHALL BE PROVIDED.
- ELECTRICAL INSTALLER OR SUBCONTRACTOR SHALL VERIFY THE EXACT LOCATION AND CONNECTION TO ALL EQUIPMENT FURNISHED BY OTHERS, PRIOR TO INSTALLING THE ELECTRICAL SYSTEM.
- ELECTRICAL INSTALLER OR SUBCONTRACTOR SHALL BE RESPONSIBLE FOR FULL COORDINATION OF HIS WORK WITH GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS.
- ALL CONTROL WIRING SHALL BE THE RESPONSIBILITY OF THE MECHANICAL SUBCONTRACTOR. MECHANICAL SUBCONTRACTOR TO PUMP CONTROL PANELS AND PUMP CABLES.
- FINAL CONNECTIONS TO EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS.
- SUBMIT SHOP DRAWINGS OF ALL ELECTRICAL EQUIPMENT TO ENGINEER.

POWER EQUIPMENT LEGEND

- | | |
|--|--|
| | ELECTRICAL METER |
| | CAST JUNCTION BOX. |
| | FUSED SAFETY SWITCH--3POLE, 30AMP FRAME
20 AMP FUSE INDICATED
-0 FUSE SIZE INDICATES NON-FUSED
-* FUSE SIZE INDICATES FUSE BY MANUF.
480 VOLTS INDICATED
NAME PLATE OR AS NOTED |
| | STARTER, SIZE INDICATED |
| | MOTOR--H.P. INDICATED |
| | PULL BOX |
| | TRANSFORMER--DESIGNATION SHOWN |
| | TRANSIENT VOLTAGE SUPPRESSOR |
| | ELECTRICAL EQUIPMENT.
AS ON PLANS DESCRIBED. |
| | DUPLEX RECEPTACLE |
| | FLEXIBLE CONDUIT |
| | CONCEALED CONDUIT |
| | EXPOSED CONDUIT |
| | UNDERGROUND CONDUIT |
| | GROUNDING WIRE. |
| | CAPPED CONDUIT |
| | GROUND CONNECTION |



LOAD CALCULATION NOTE:

2-14HP MOTORS @ 21 FLA, 480V:
 $21 \times 480\sqrt{3} + 1.25 \times 21 \times 480\sqrt{3} = 39.3 \text{ KVA}$
 5 KVA MISC. LOADS = $\pm 5 \text{ KVA}$
 44.3 KVA

$\frac{44,300}{240\sqrt{3}} = 107 \text{ AMPS @ } 240V, 3\phi$

ABBREVIATIONS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	EM	EMERGENCY
AIC	AMPERES INTERRUPTING CURRENT	EW	EXOTHERMIC WELD
ATS	AUTOMATIC TRANSFER SWITCH	EXIST	EXISTING
C	CONDUIT	FS	FLOW SWITCH
CB	CIRCUIT BREAKER	GFI	GROUND FAULT INTERRUPTER
CKT	CIRCUIT	GND	GROUND
CONN	CONNECT OR CONNECTION	GRS	GALVANIZED RIGID STEEL
CU	COPPER	HOA	HAND-OFF-AUTOMATIC
DISC	DISCONNECT	T	TRANSFORMER
EC	EMPTY CONDUIT	V	VOLT
ELEC	ELECTRICAL	UG	UNDER GROUND
HP	HORSE POWER	VA	VOLT-AMPERE
JB	JUNCTION BOX	WP	WEATHER PROOF
KVA	KILO VOLT-AMPERE	NEUT	NEUTRAL
MCC	MOTOR CONTROL CENTER	OCPD	OVER CURRENT PROTECTIVE DEVICE
MH	MANHOLE	PB	PUSH BUTTON, PULLBOX
MTD	MOUNTED	PE	PHOTOELECTRIC CELL
		PH	PHASE
		PL	PILOT LIGHT
		PNL	PANEL
		SW	SWITCH
		SFWM	SOUTH FLORIDA WATER MANAGEMENT

MIAMI SHORES VILLAGE		BISCAYNE BAY FLOOD RELIEF PROJECT		RISER AND WIRING DIAGRAM AND DETAILS	
T.Y. LIN INTERNATIONAL / H.J. ROSS 201 ALHAMBRA CIRCLE • SUITE 900 • CORAL GABLES, FLORIDA 33134 PHONE: (305) 467-1888 • FAX: (305) 467-1771 EB00000407		Date: SEPTEMBER 2006		Scale: AS SHOWN	
Drawn: FA		Checked: EB		CAD File: 3	
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