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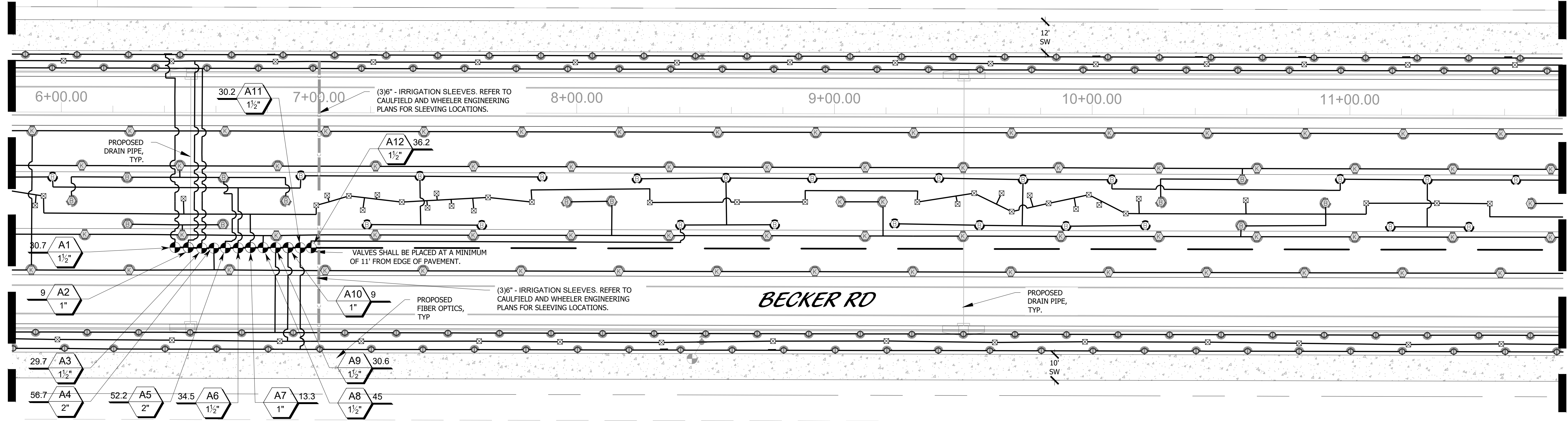
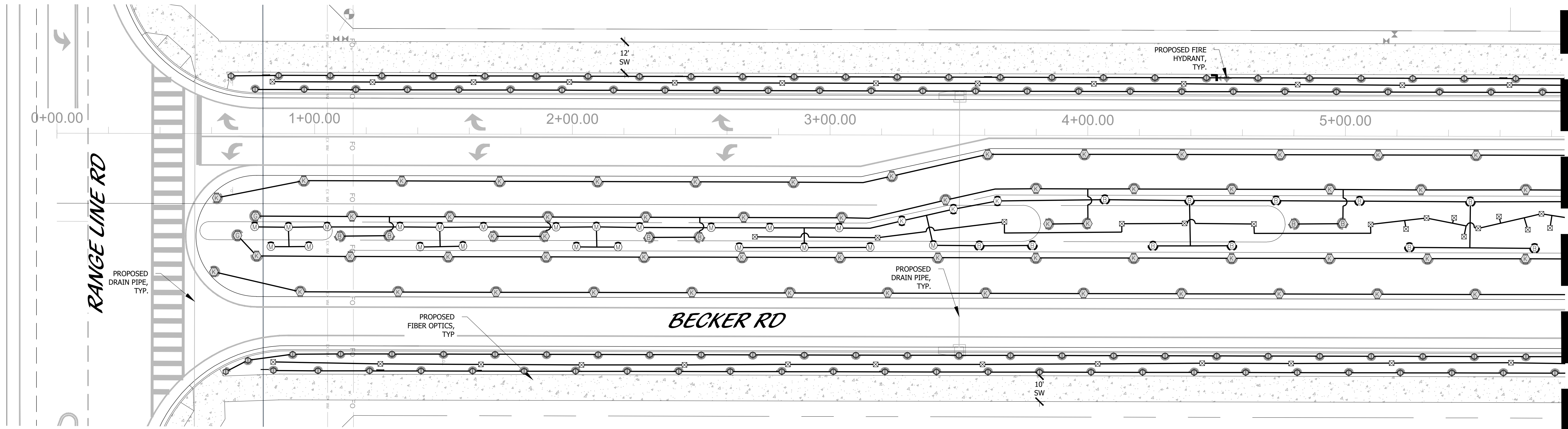
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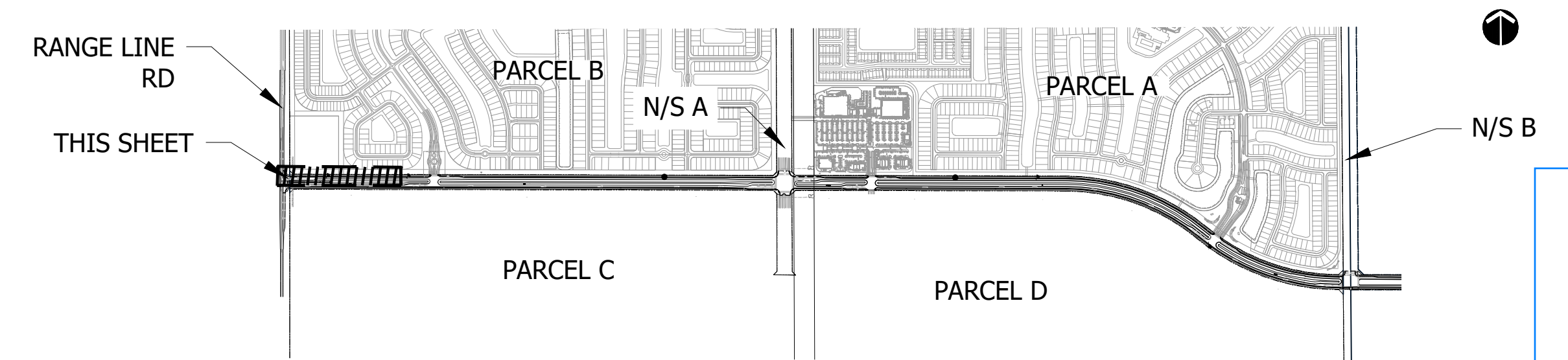
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# BECKER ROAD IRRIGATION PLAN

Port Saint Lucie, Florida



### KEY MAP



All issues from May 29th 2023 submittal comments  
have been corrected in this June 29th re-submittal  
-see pages 7 of 16 and 14 of 16 with their corrections



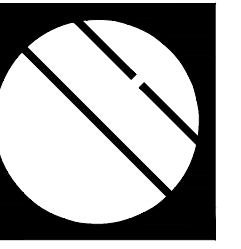
PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**

Scale: 1" = 20'-0"

DESIGNED	JCO
DRAWN	JCO
APPROVED	DTS
JOB NUMBER	20-0518
DATE	12-17-22
REVISIONS	02-09-23
	05-01-23

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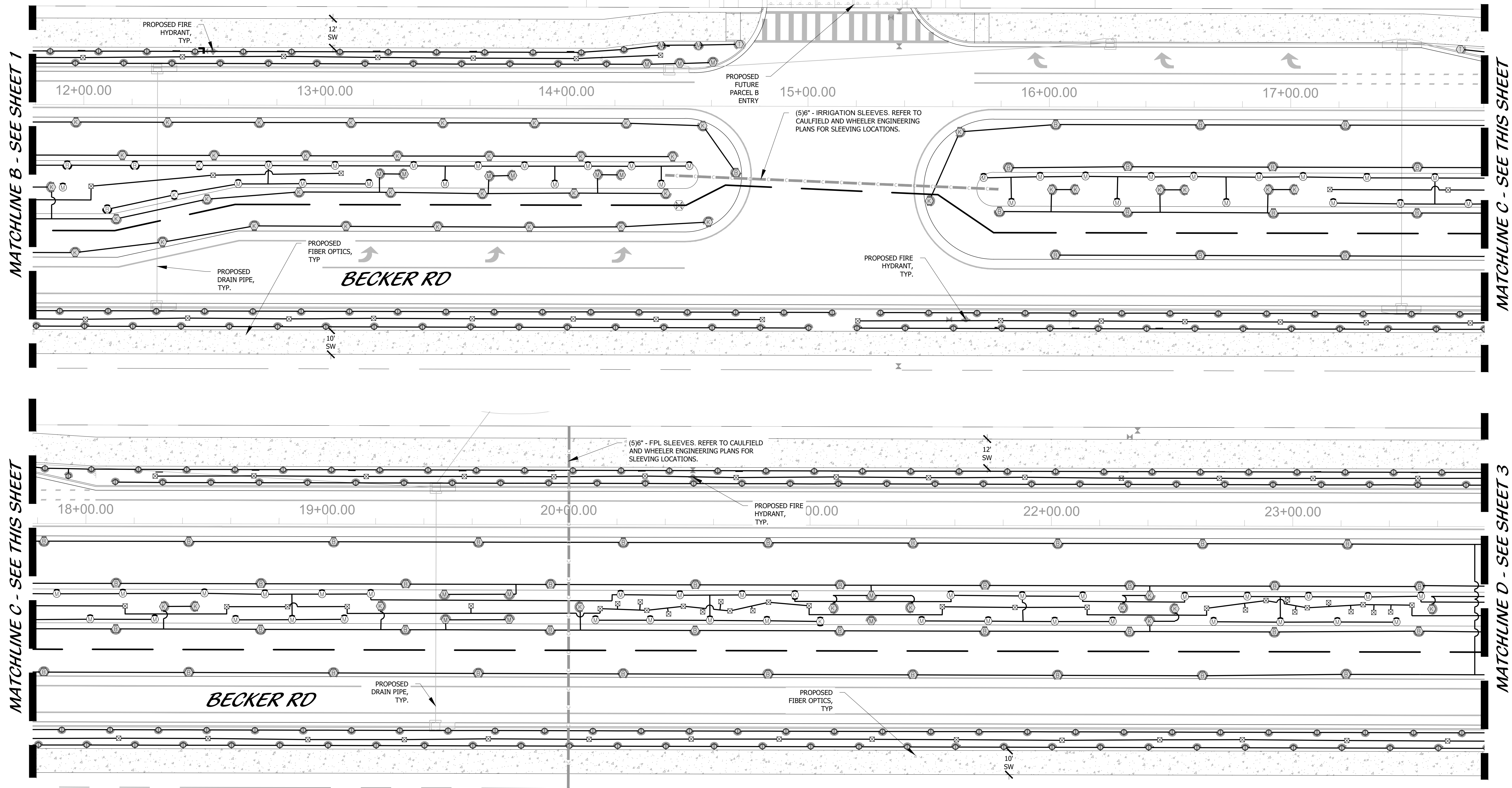
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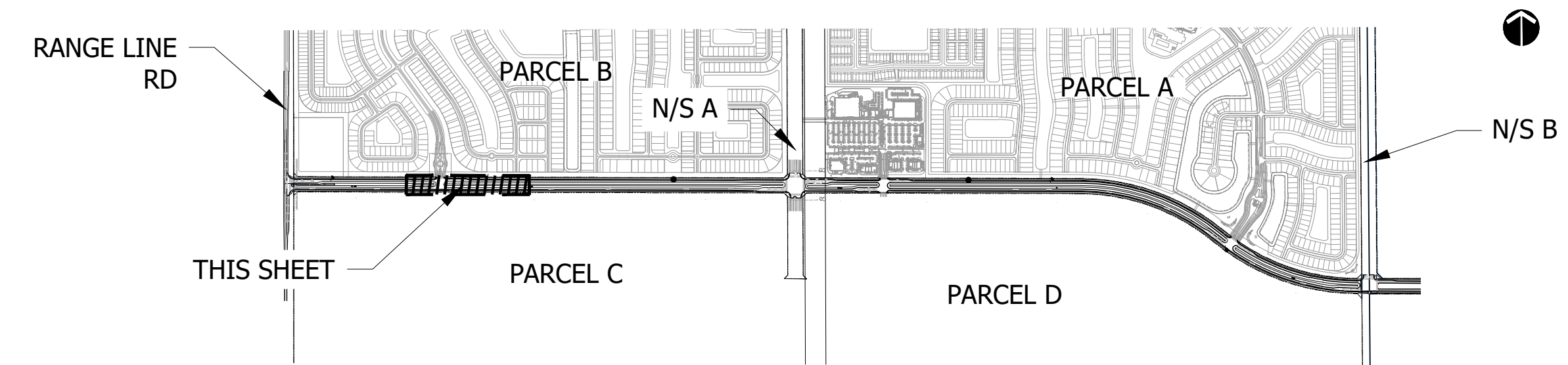
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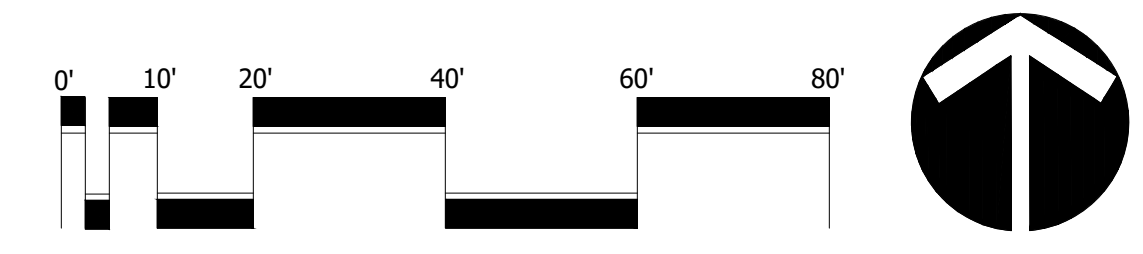
Port Saint Lucie, Florida



**KEY MAP**



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



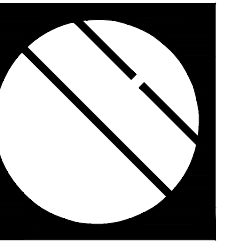
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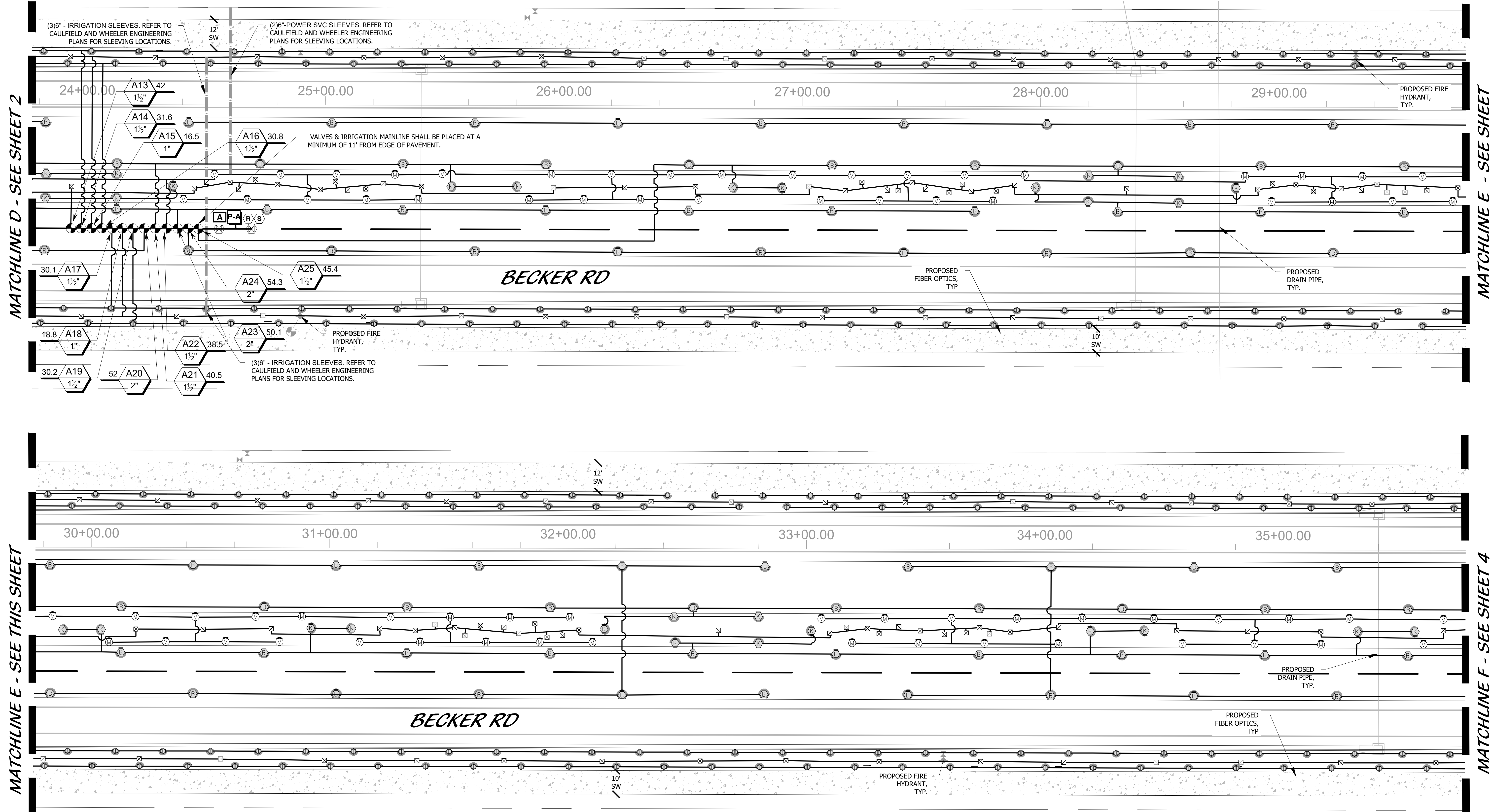
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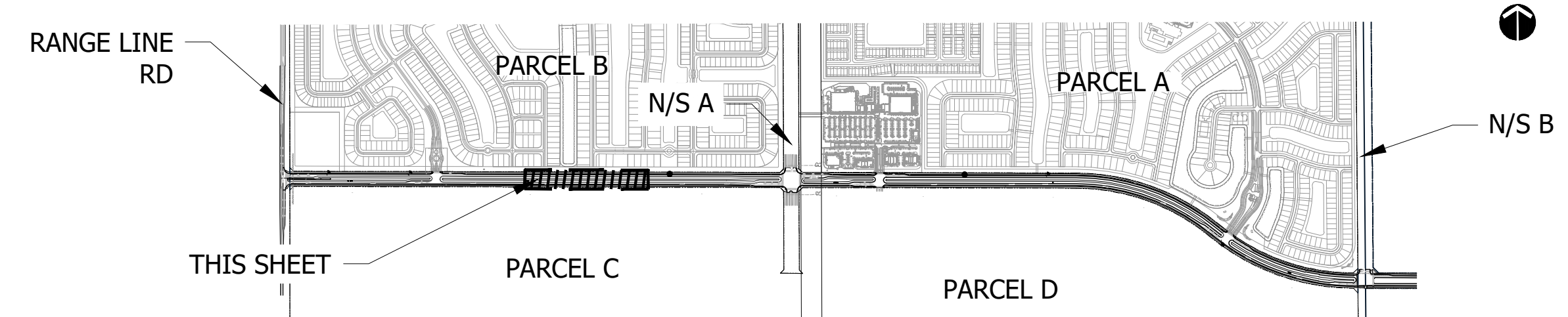
Port Saint Lucie, Florida



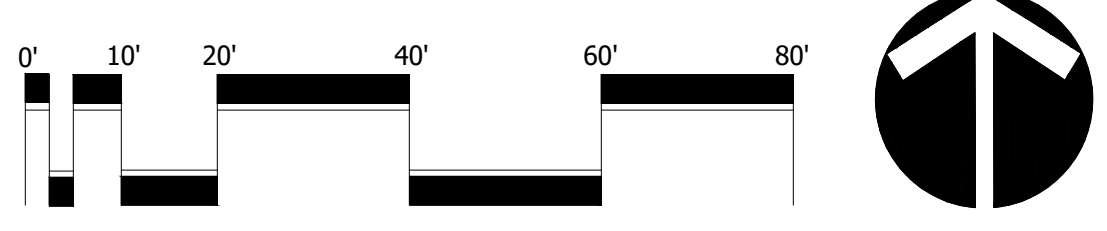
MATCHLINE E - SEE THIS SHEET

MATCHLINE F - SEE SHEET 4

**KEY MAP**



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



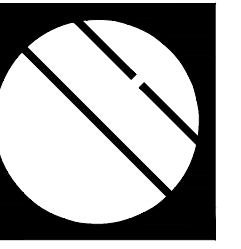
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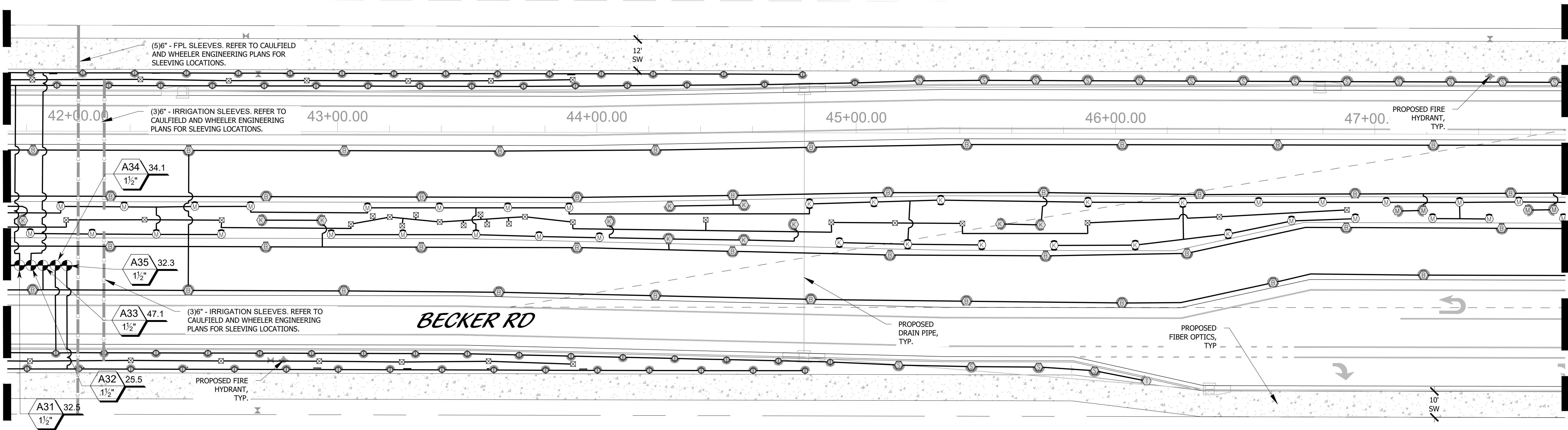
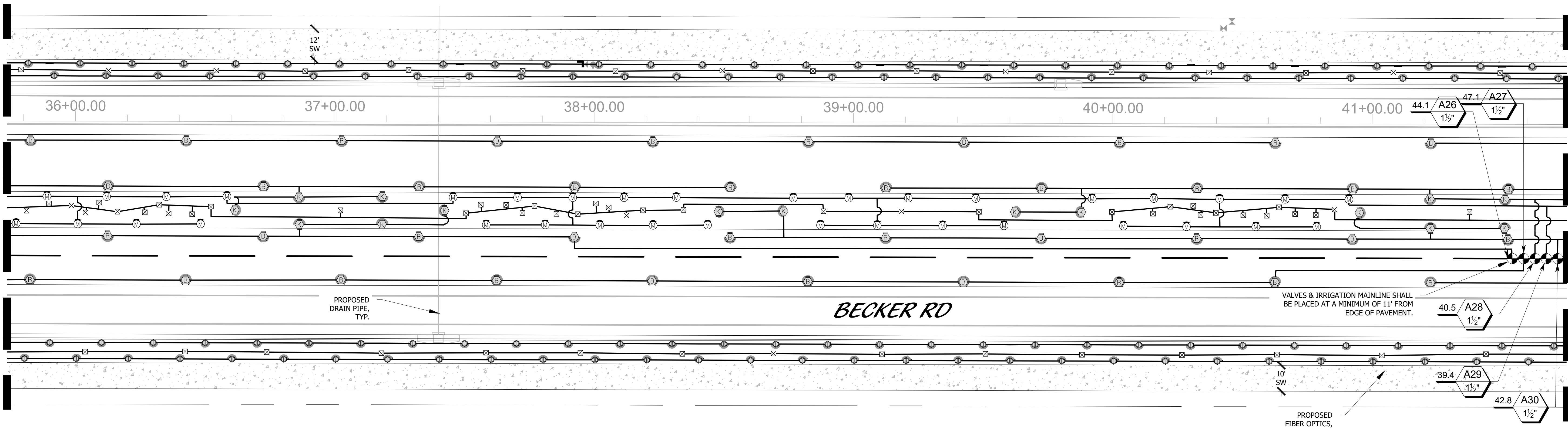
Port Saint Lucie, Florida

MATCHLINE F - SEE SHEET 3

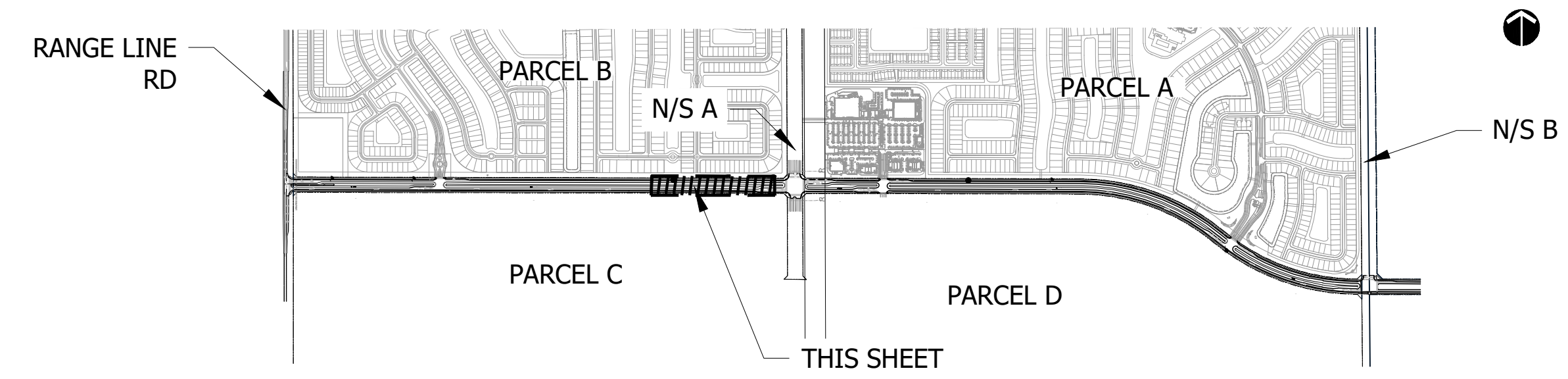
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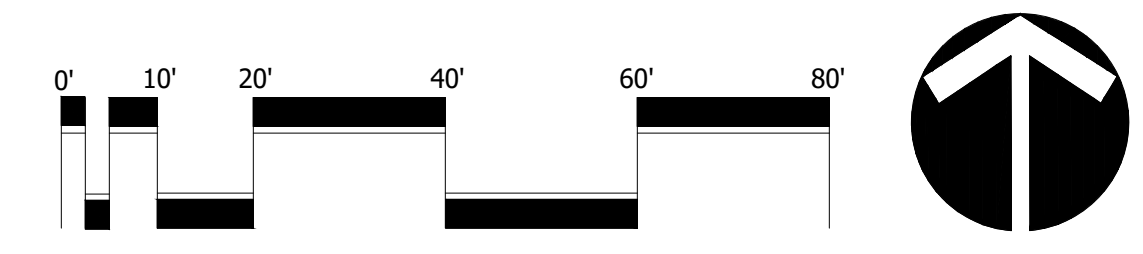
MATCHLINE H - SEE SHEET 5



### KEY MAP



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PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



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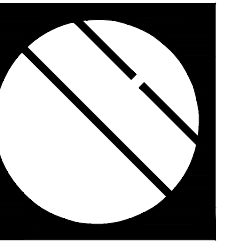
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SHEET 4 OF 16

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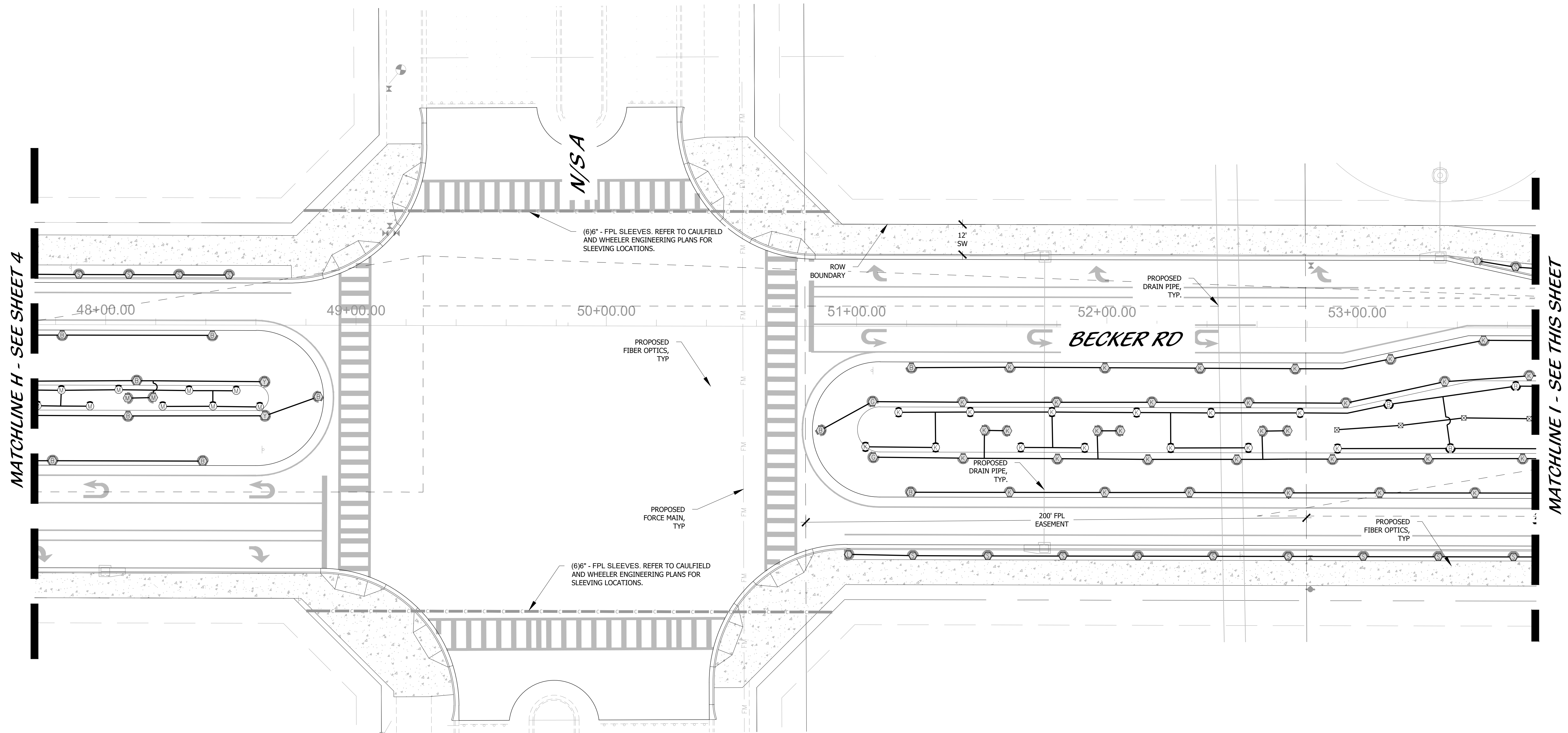
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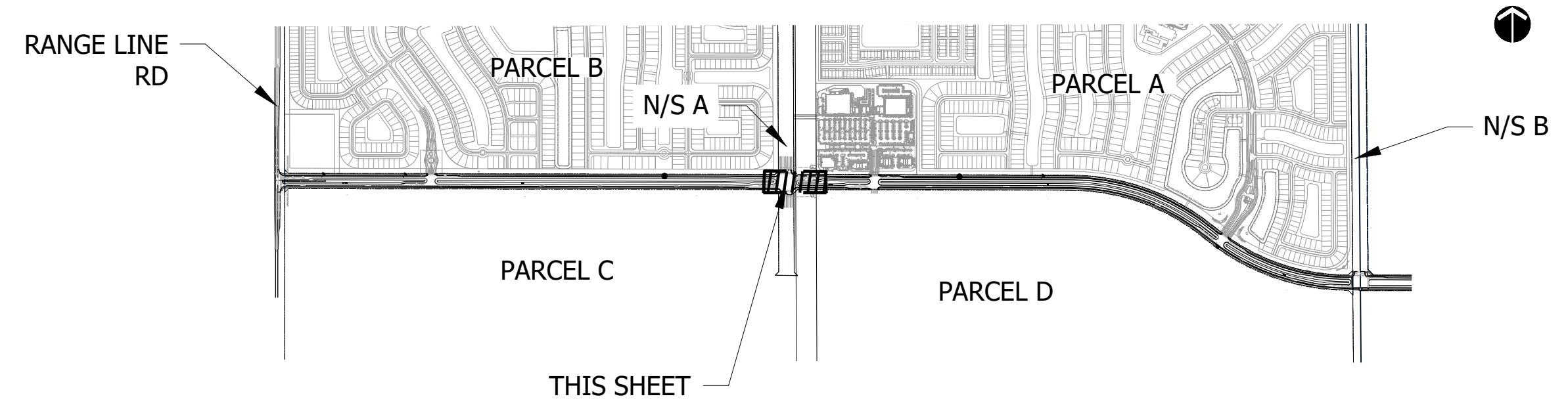
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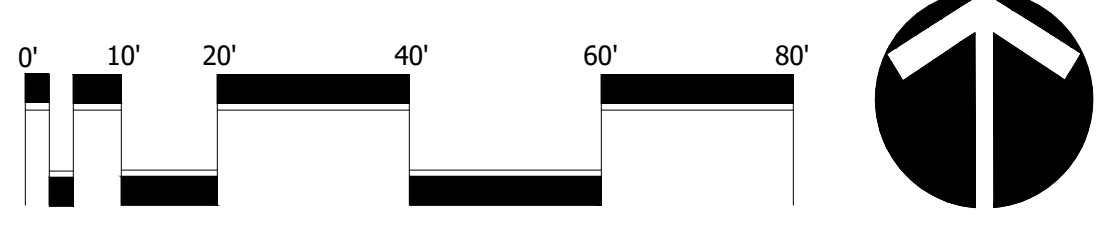
Port Saint Lucie, Florida



### KEY MAP



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



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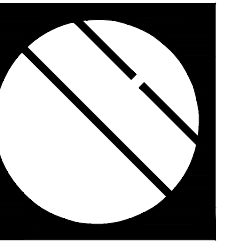
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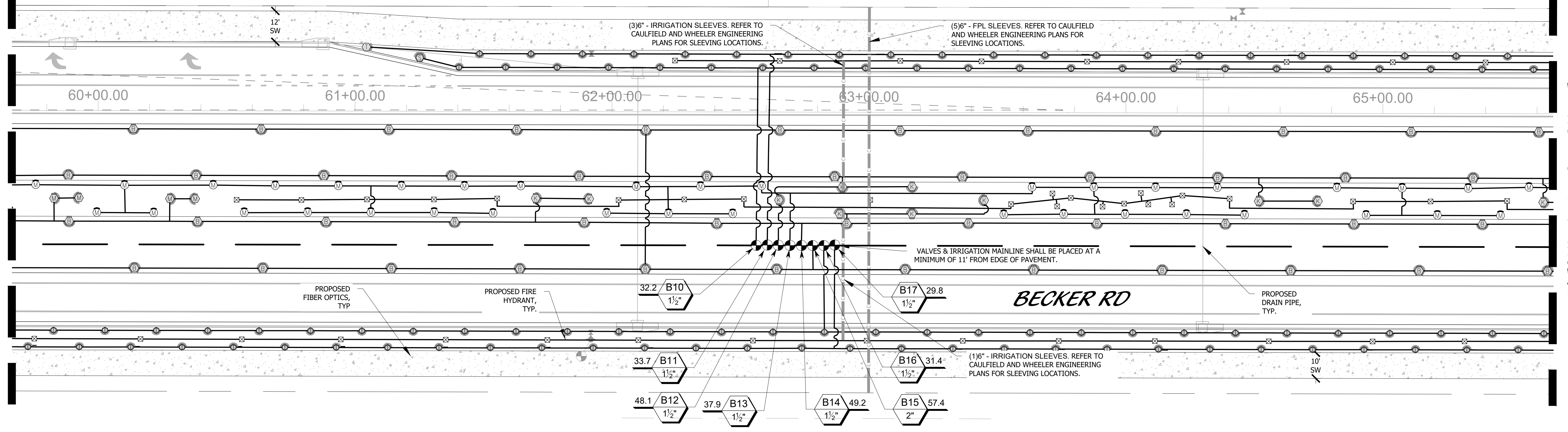
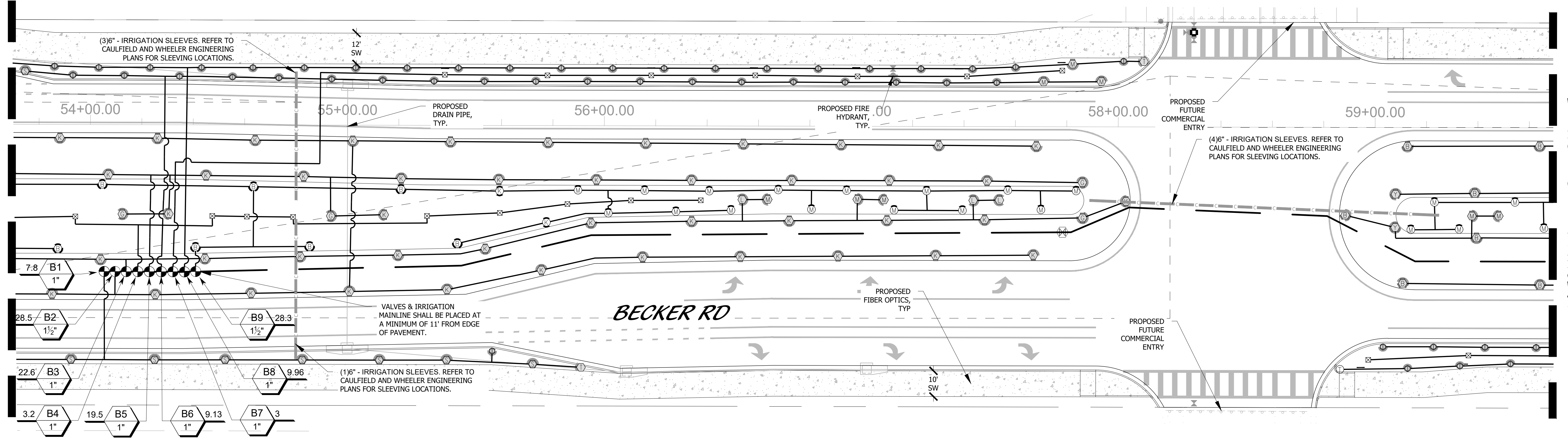
Port Saint Lucie, Florida

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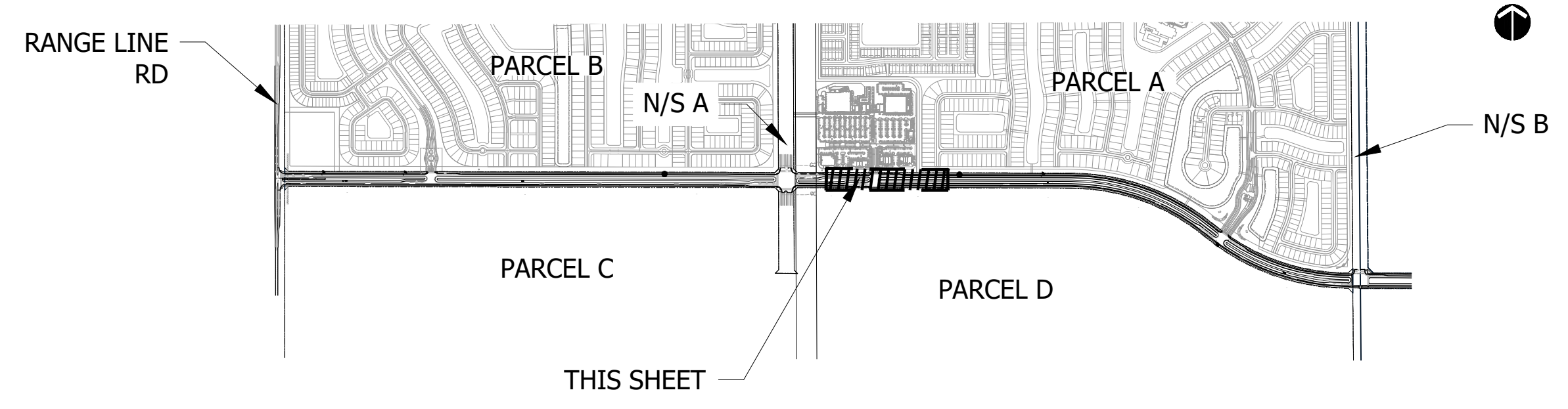
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MATCHLINE J - SEE THIS SHEET

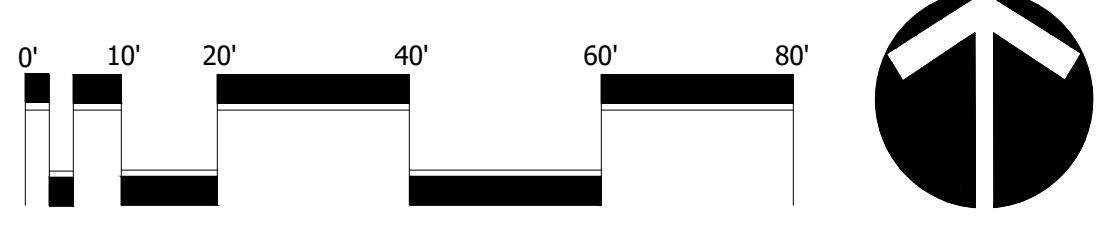
MATCHLINE K - SEE SHEET 7



### KEY MAP



PSLUSD# 5405  
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**BECKER ROAD  
IRRIGATION PLAN**



Scale: 1" = 20'-0"

North

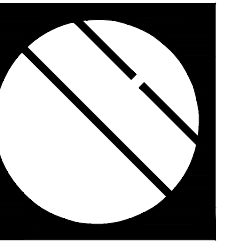
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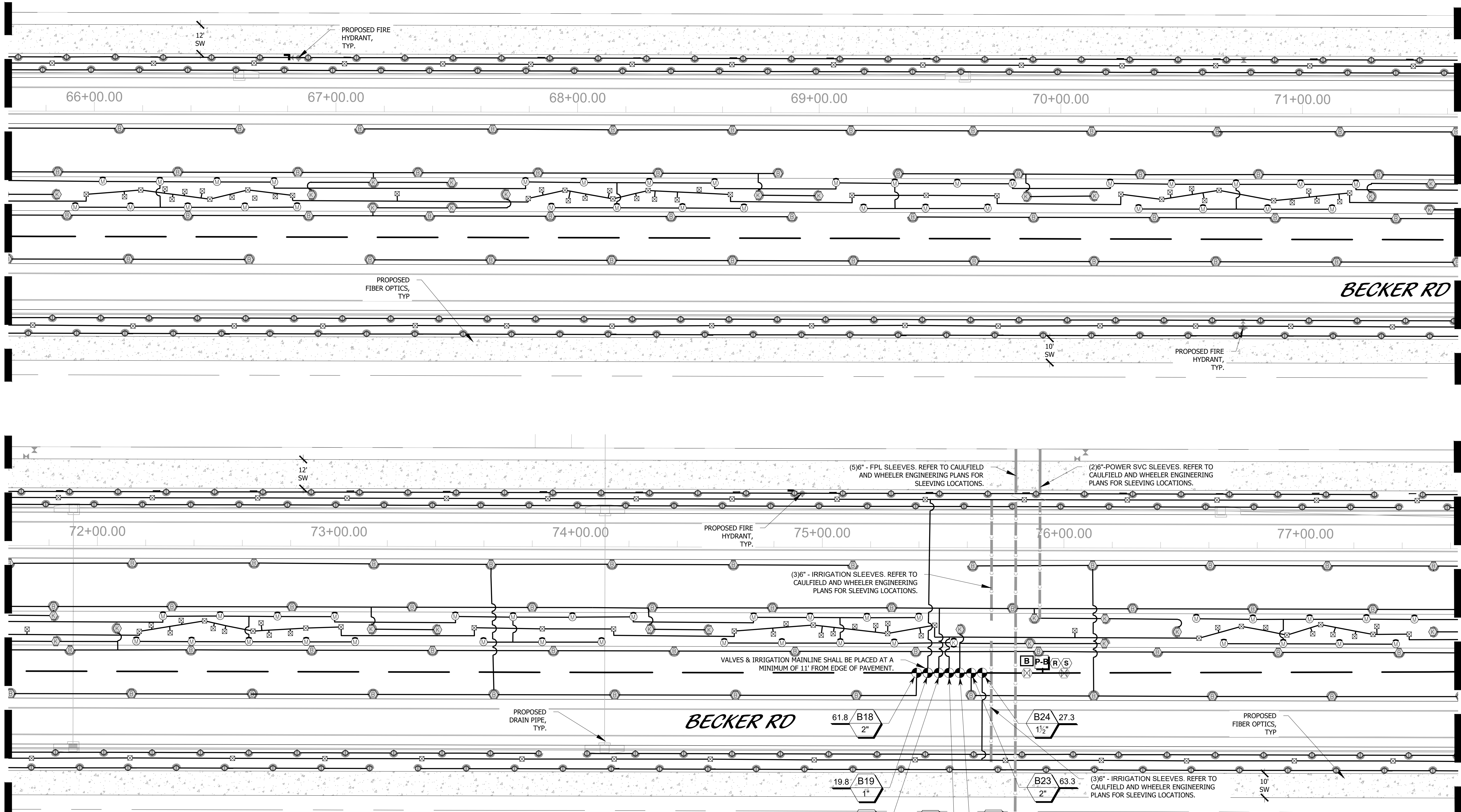
Port Saint Lucie, Florida

MATCHLINE K - SEE SHEET 6

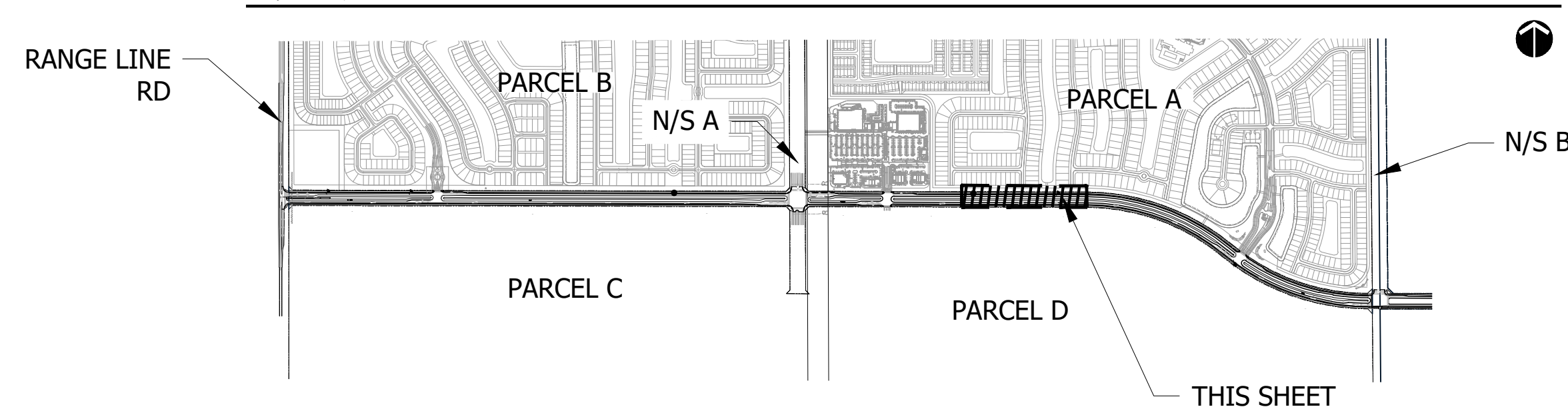
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MATCHLINE L - SEE THIS SHEET

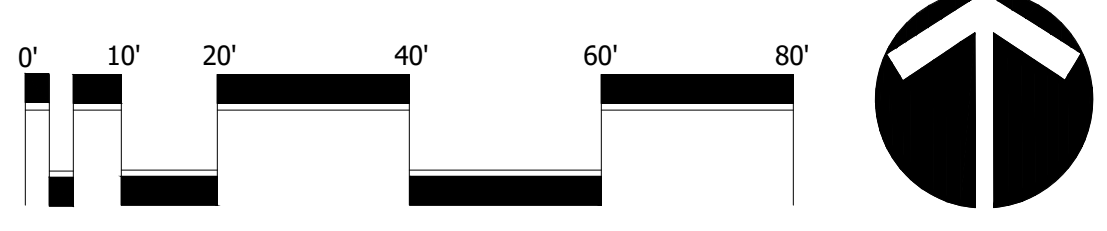
MATCHLINE M - SEE SHEET 8



### KEY MAP



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



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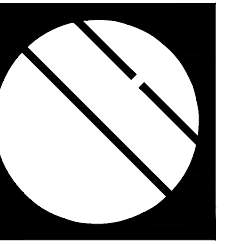
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APPROVED	DTs
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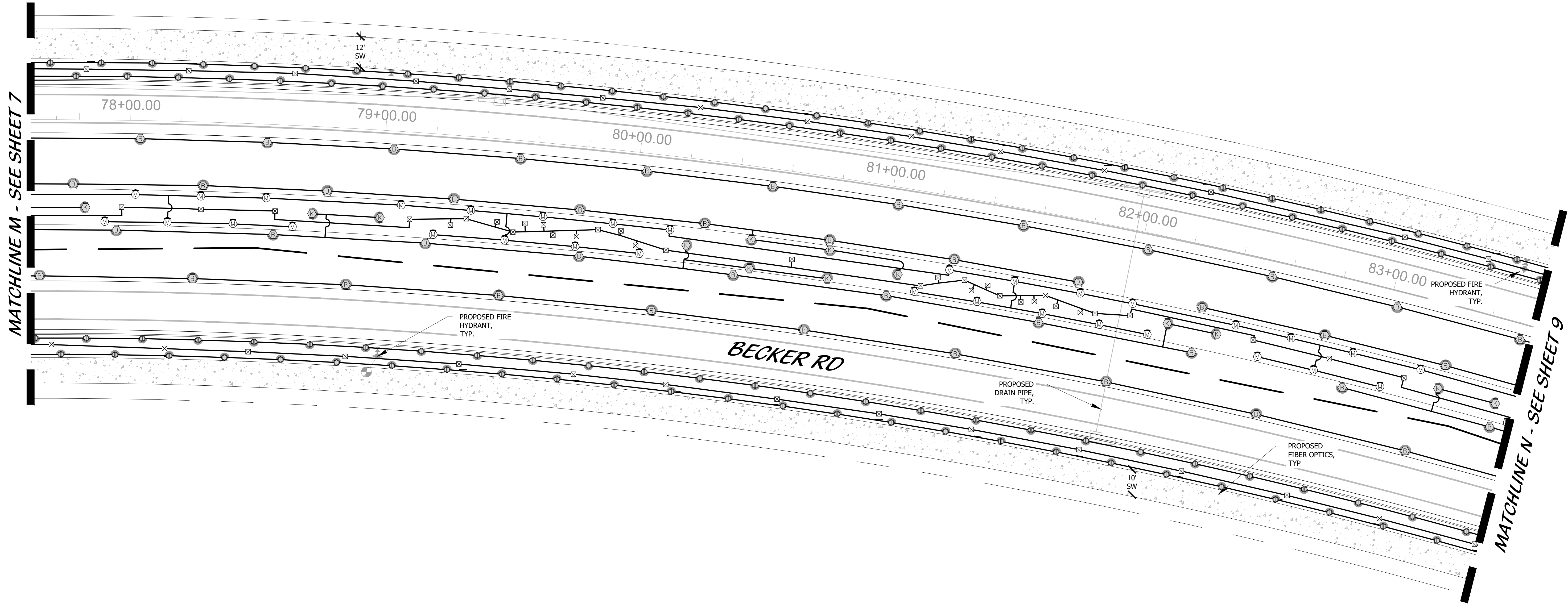


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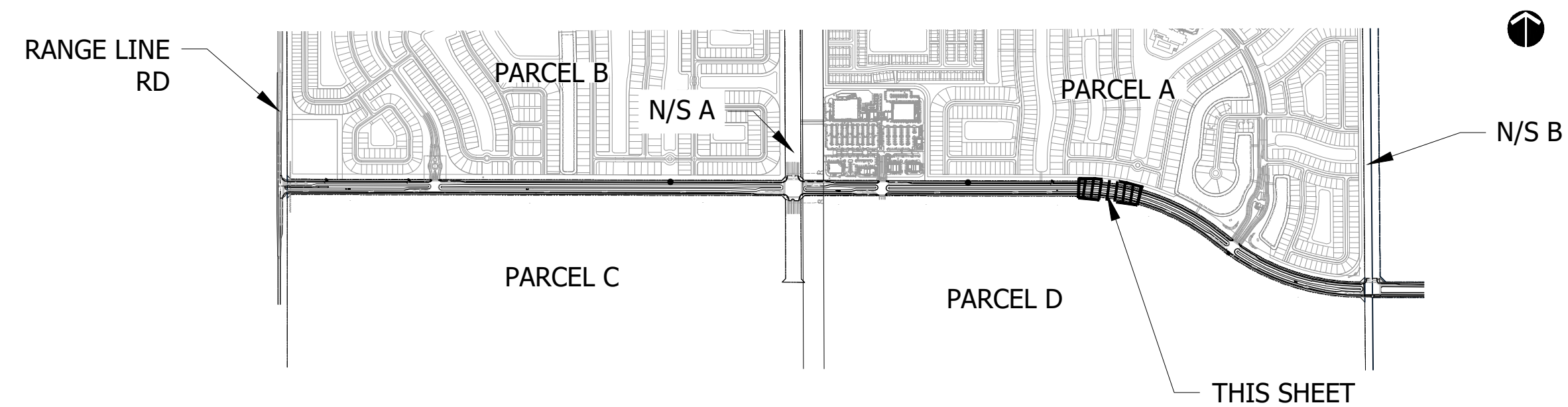
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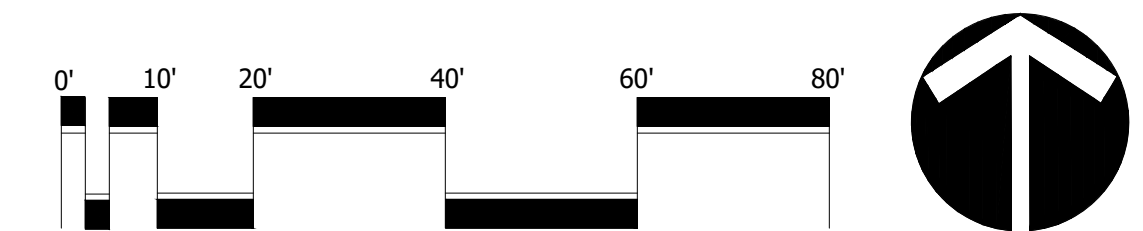
**BECKER ROAD  
IRRIGATION PLAN**  
Port Saint Lucie, Florida



**KEY MAP**



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



Scale: 1" = 20'-0"

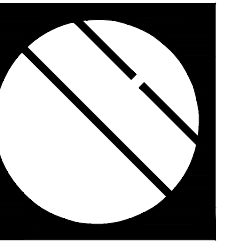
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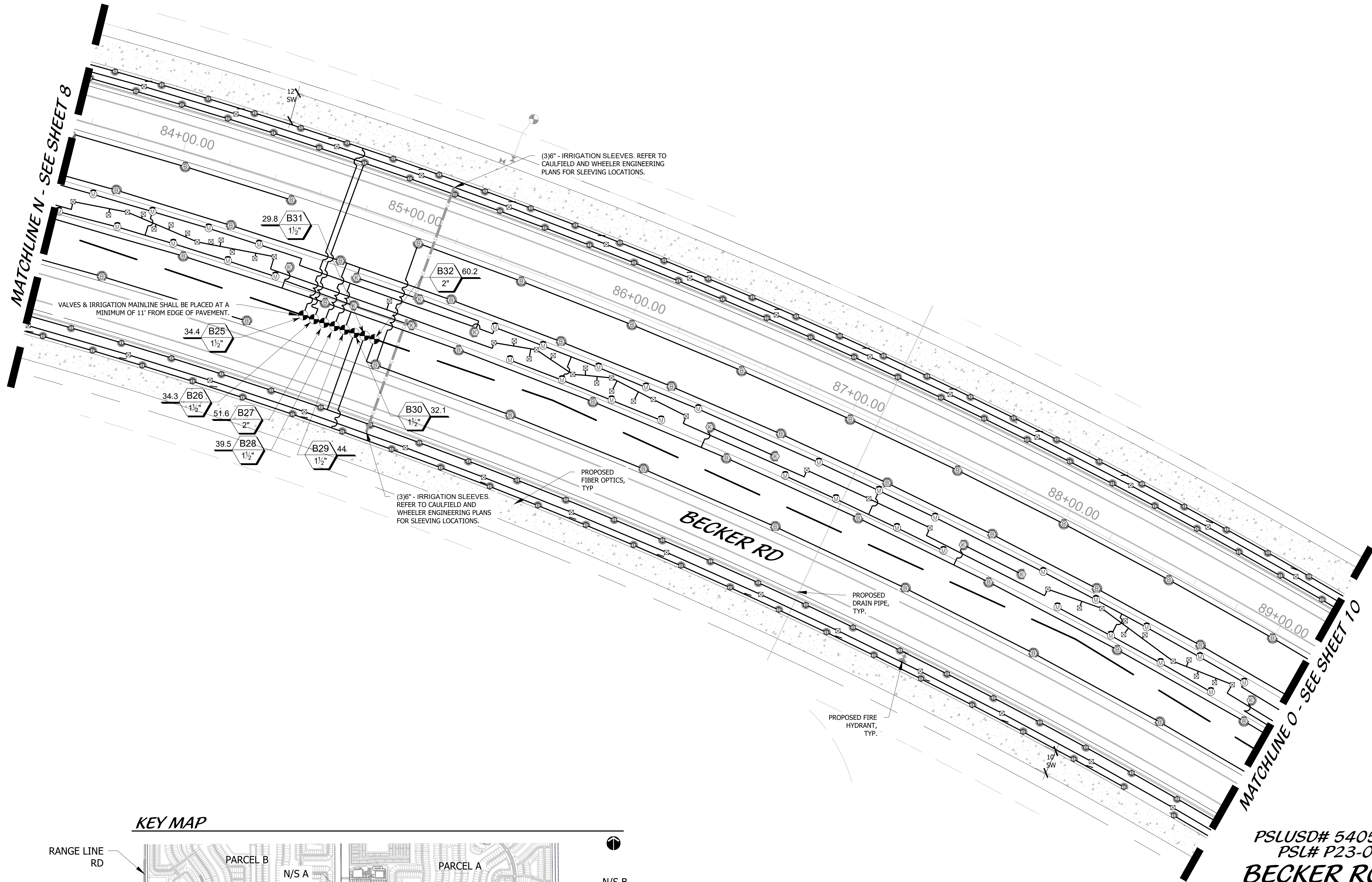
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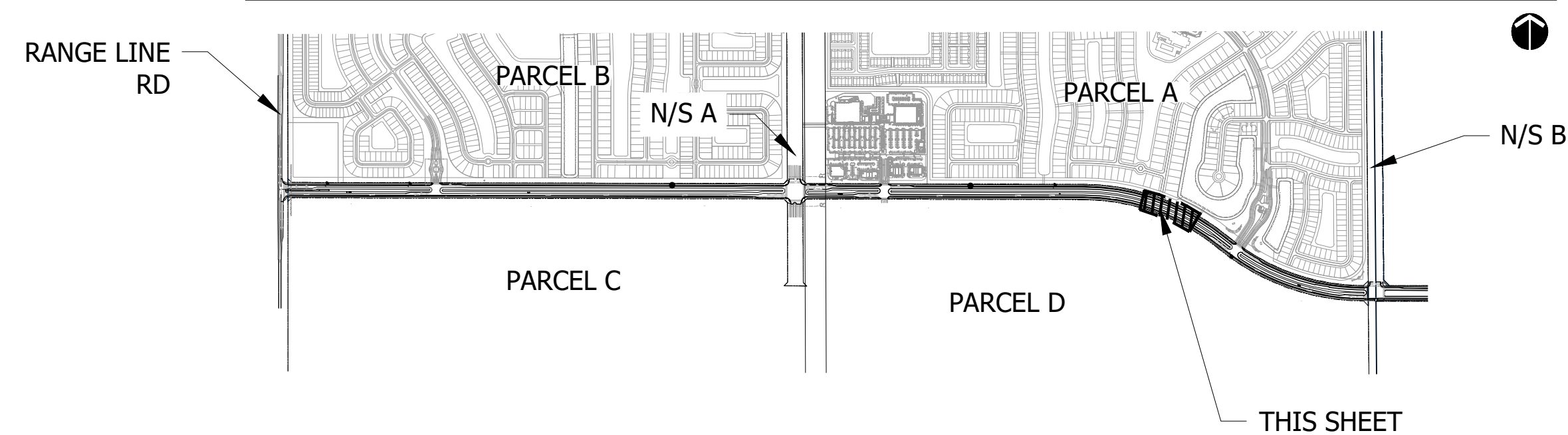
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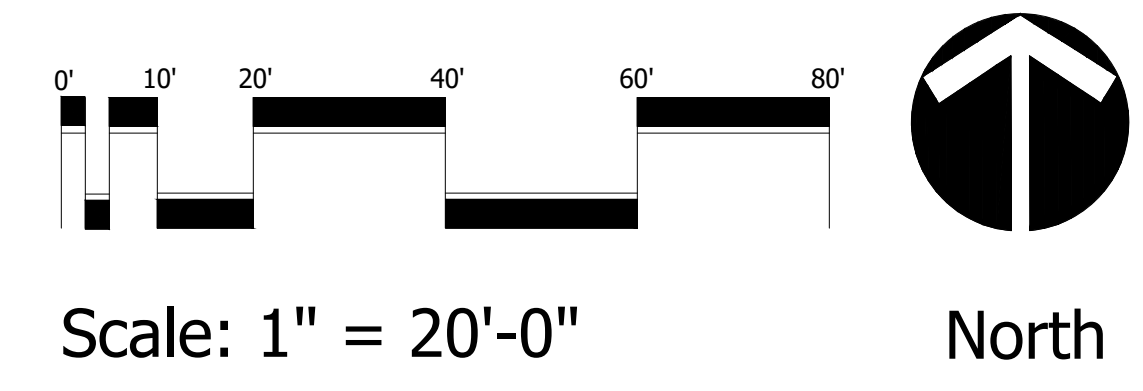
Port Saint Lucie, Florida



### KEY MAP



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**



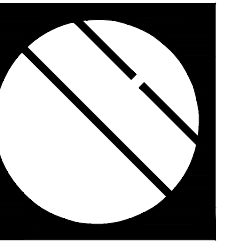
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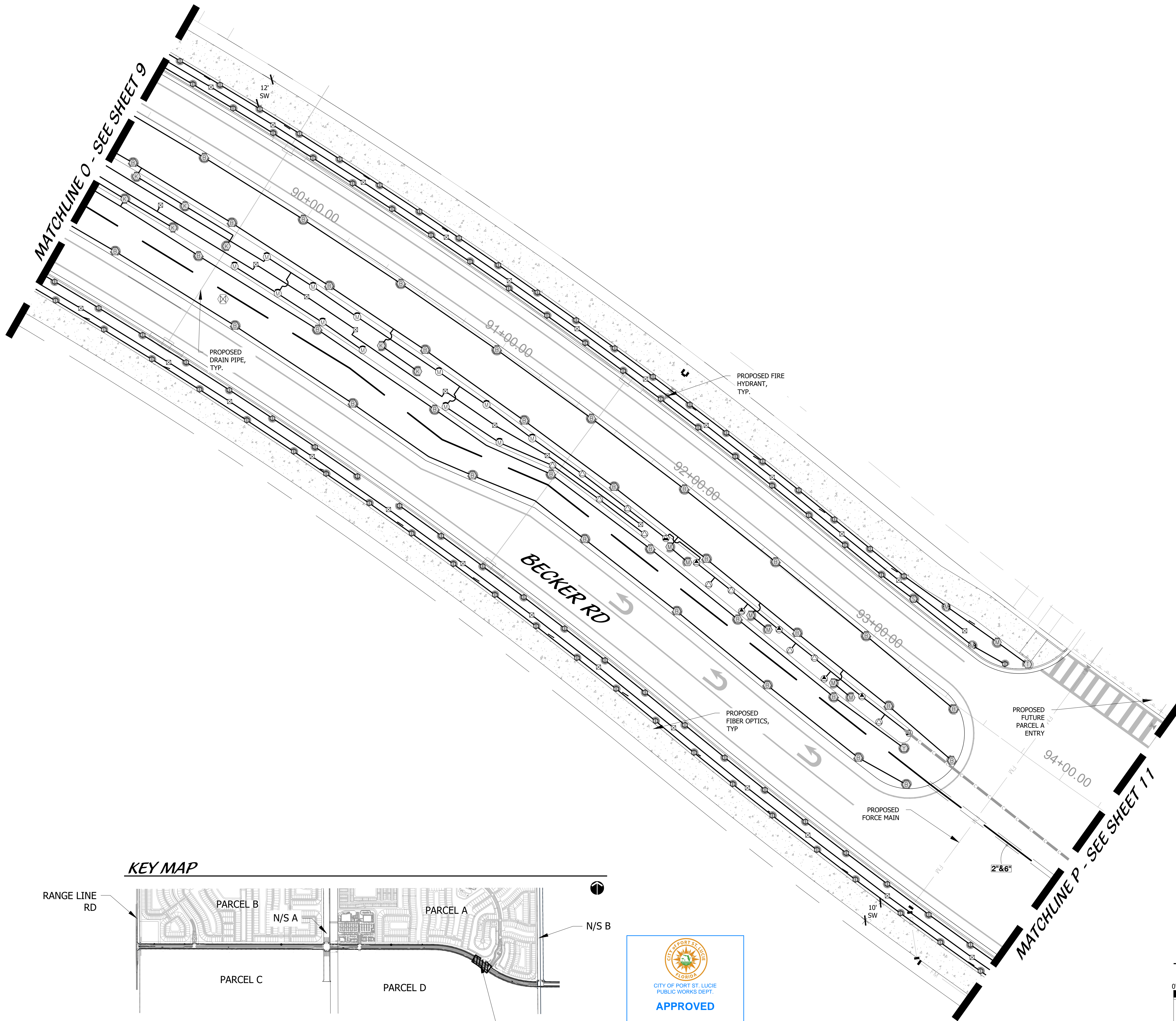
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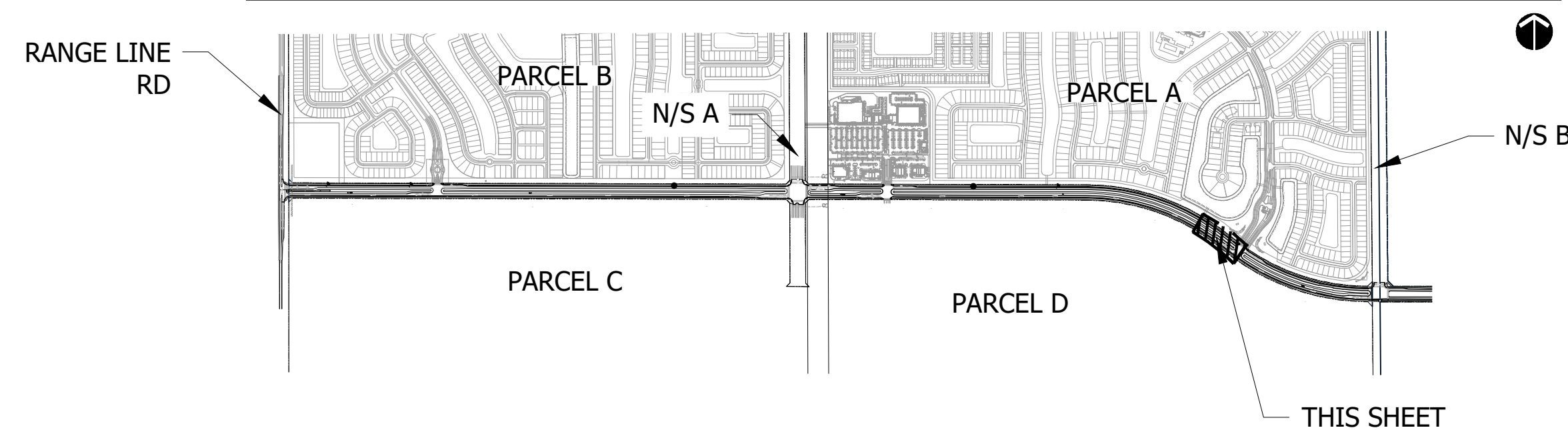
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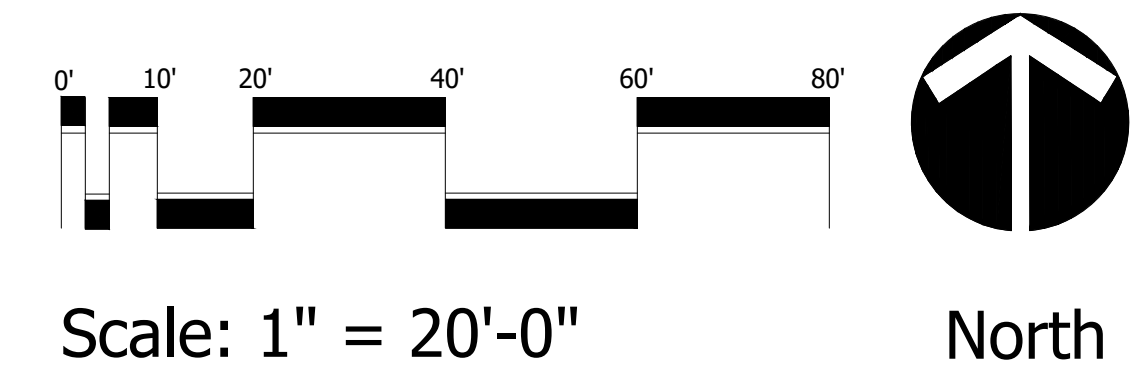
Port Saint Lucie, Florida



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PSLUSD# 5405  
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**BECKER ROAD  
IRRIGATION PLAN**

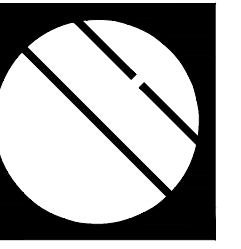


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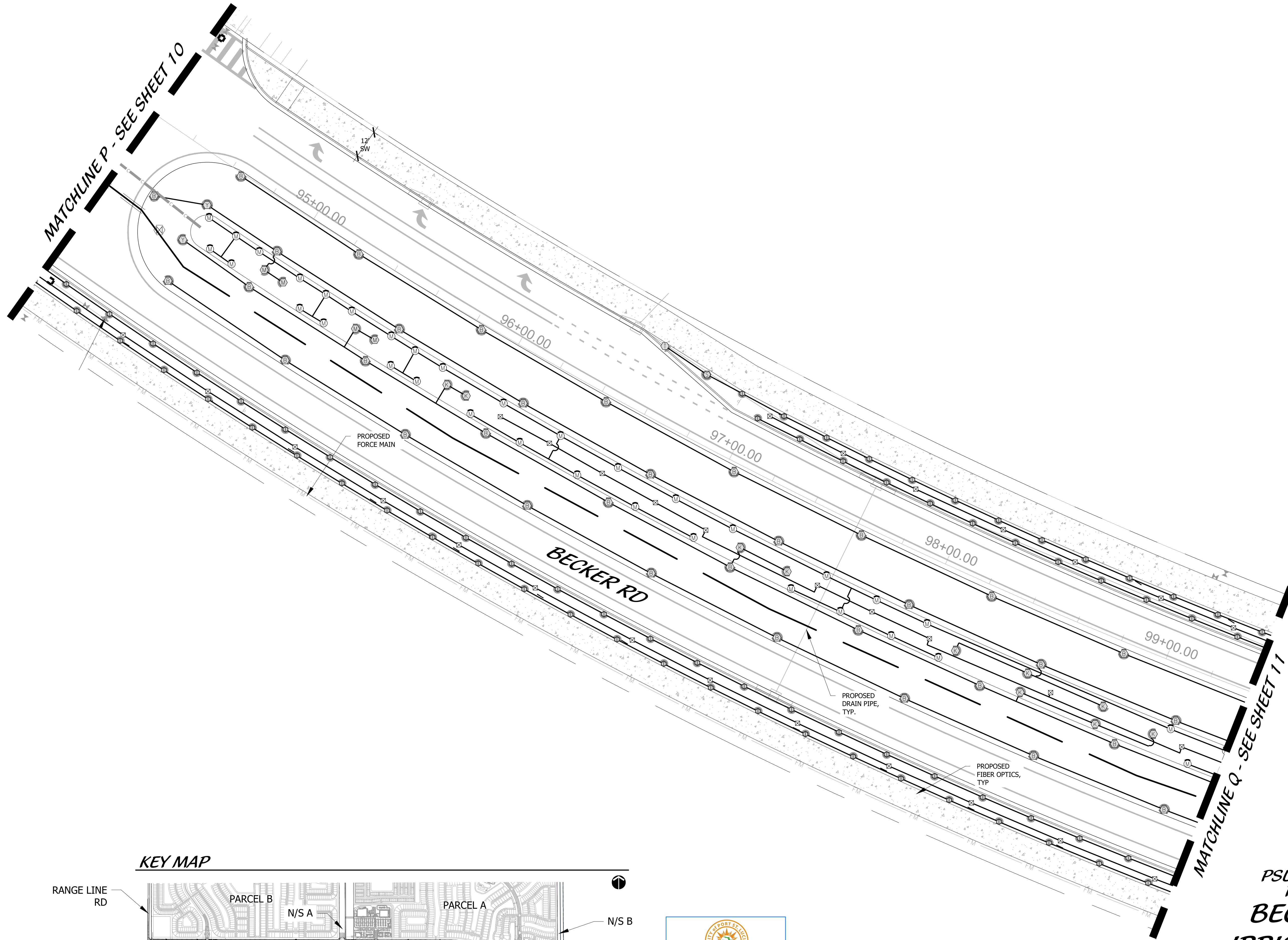


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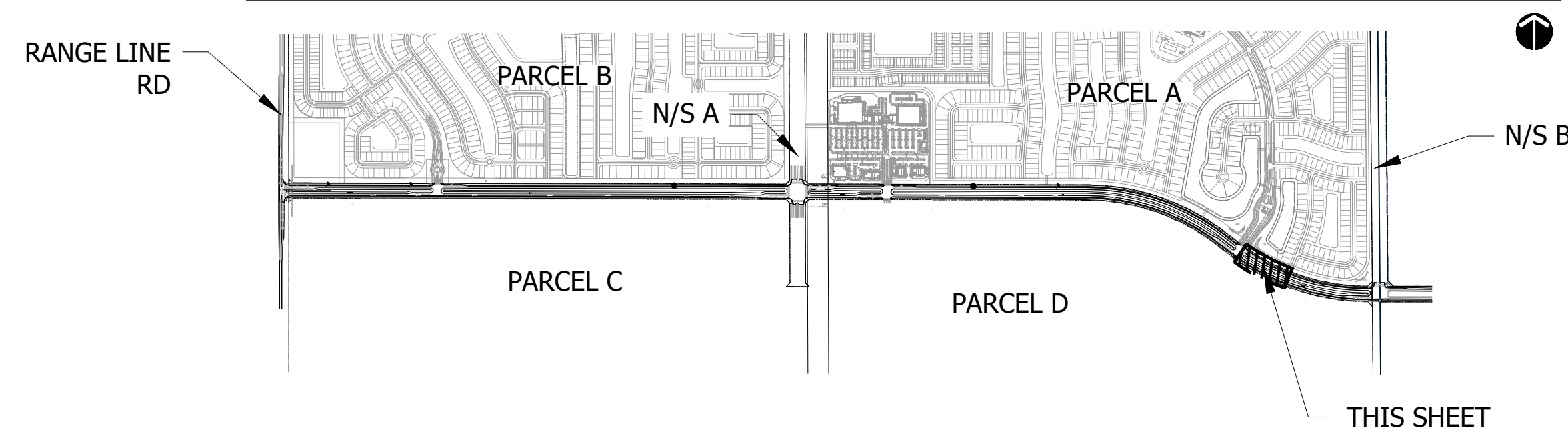
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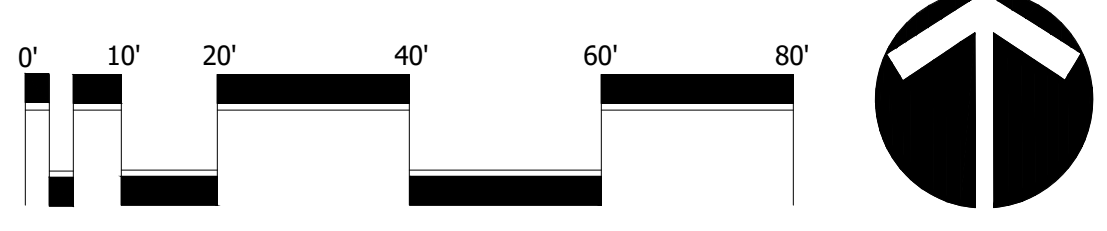
**BECKER ROAD  
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PSLUSD# 5405  
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**BECKER ROAD  
IRRIGATION PLAN**



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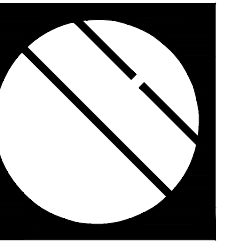
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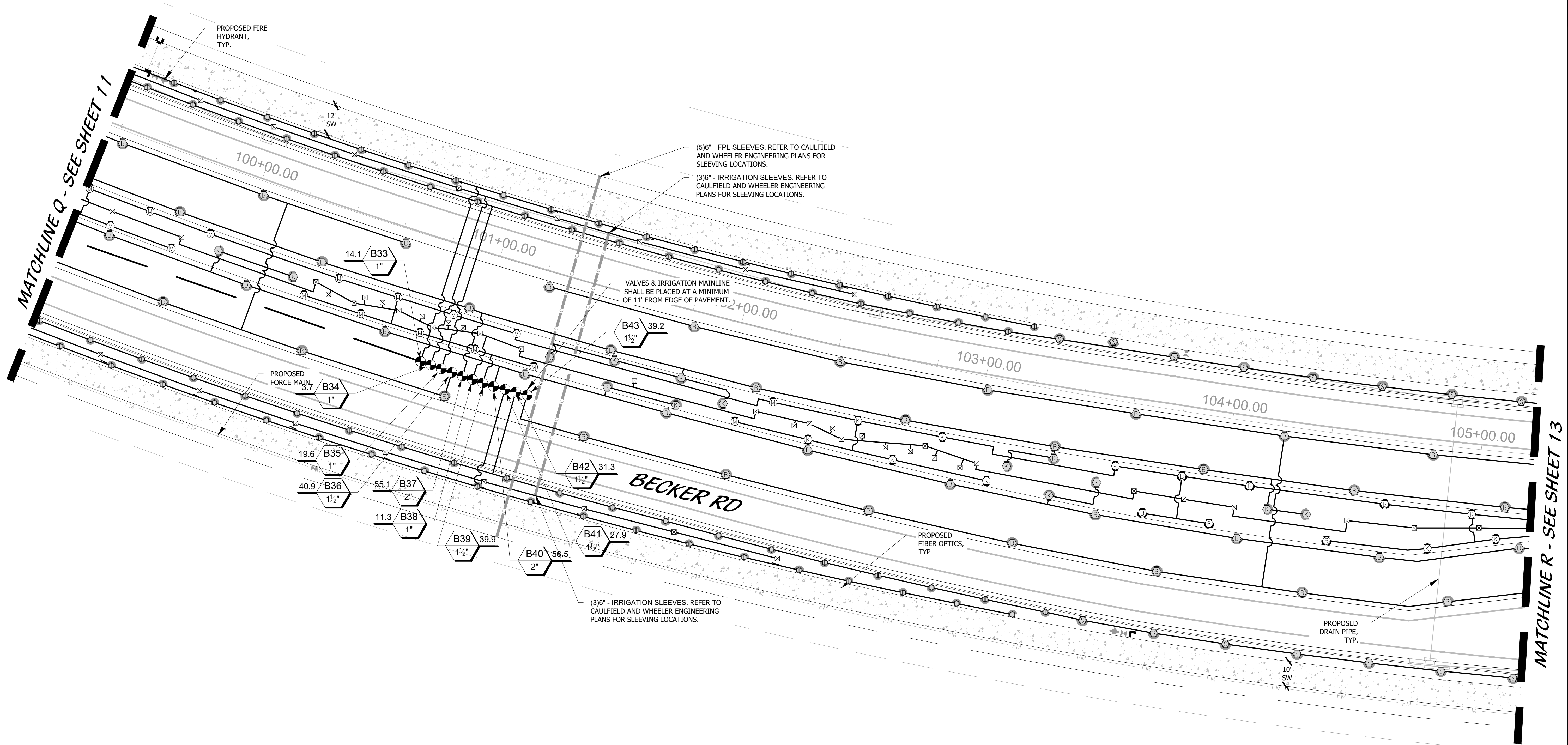
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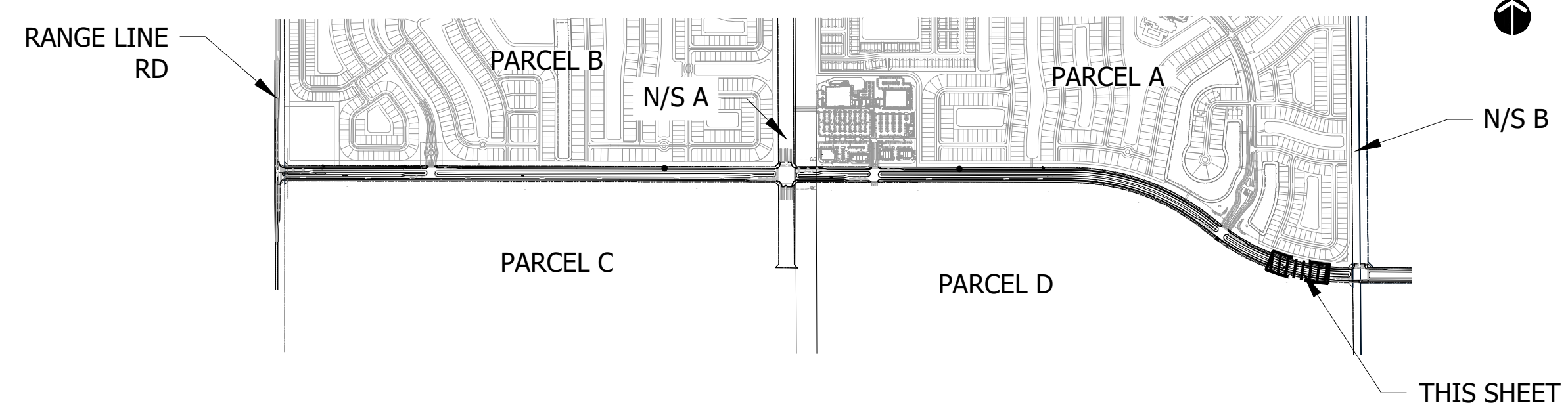
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# BECKER ROAD IRRIGATION PLAN

Port Saint Lucie, Florida



### KEY MAP



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PLAN**

0' 10' 20' 40' 60' 80'

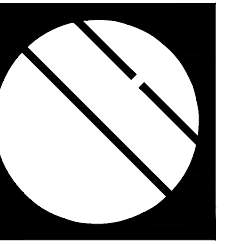
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North

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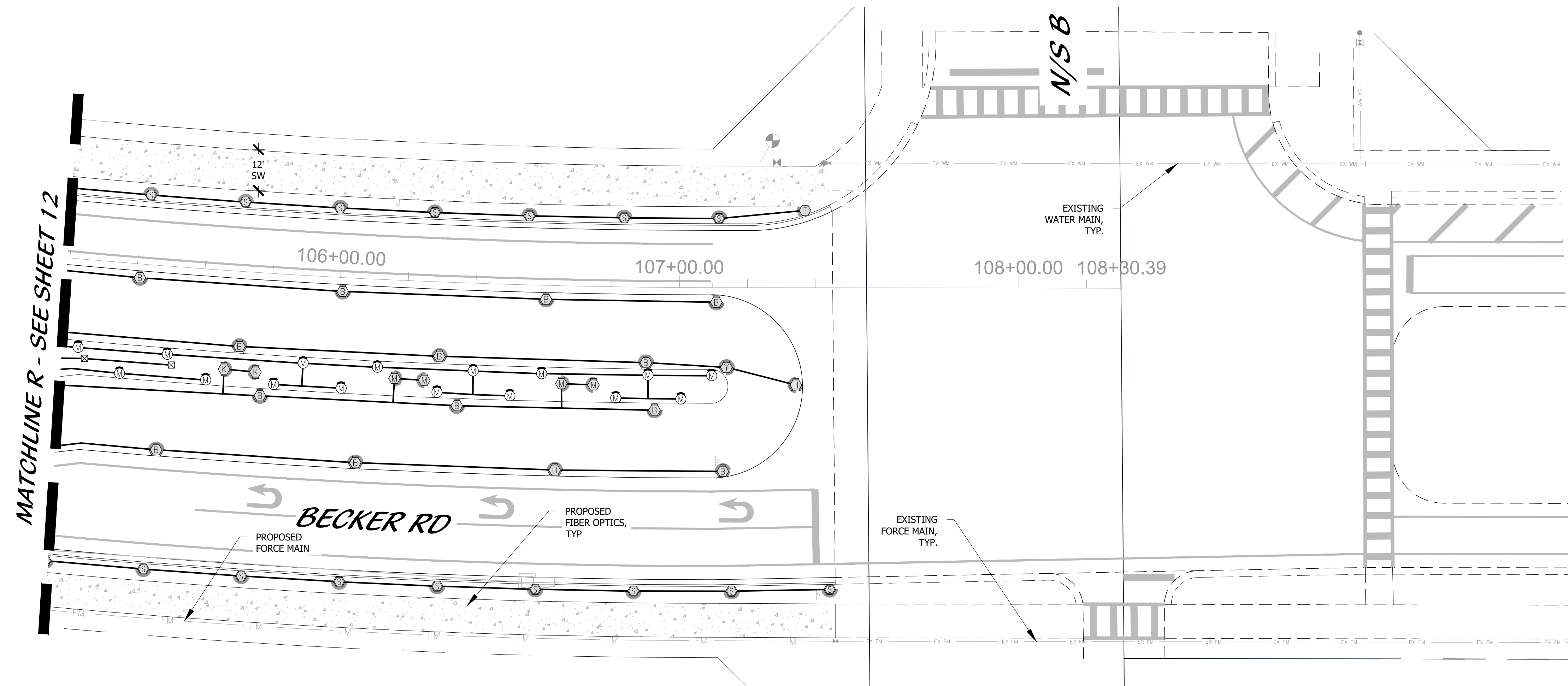
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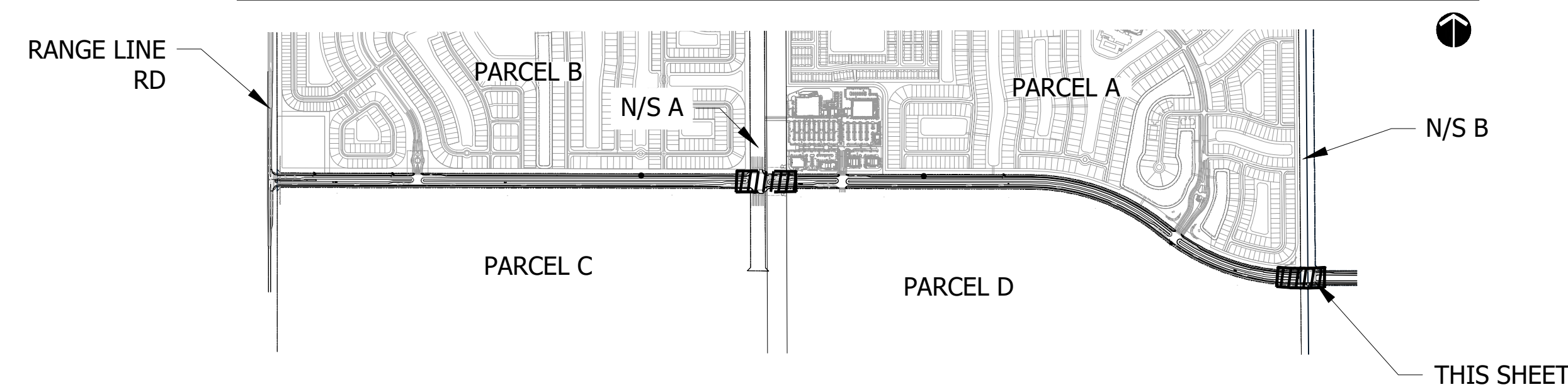
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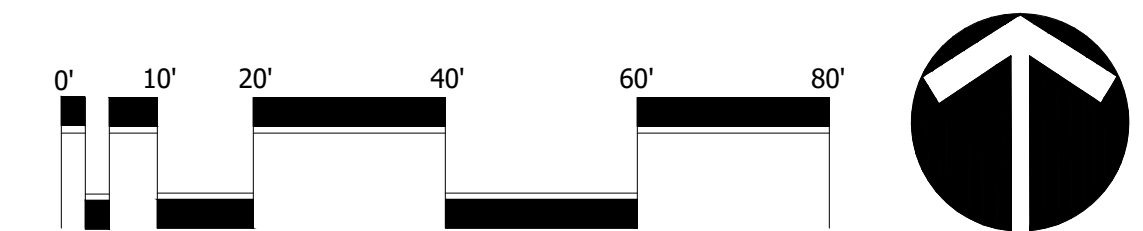
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Drawing: 20-0518 LP.DWG

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## IRRIGATION SCHEDULE

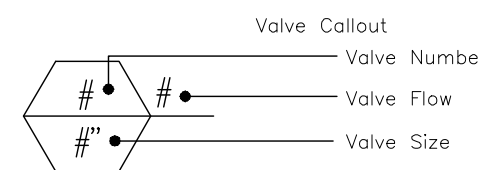
SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	GPM	RADIUS
①	RAIN BIRD 1806 SAM-PRS WITH HUNTER MP CORNER	10	Adj	40		14'
②	RAIN BIRD 1806 SAM-PRS WITH HUNTER MP STRIP	1	LCS	40	0.22	5'x15'
③	RAIN BIRD 1806 SAM-PRS WITH HUNTER MP STRIP	72	SST	40	0.44	5'x30'
④	RAIN BIRD 1806 SAM-PRS WITH MP1000	3	210-270	40		14'
⑤	RAIN BIRD 1806 SAM-PRS WITH MP1000	48	90-210	40		14'
⑥	RAIN BIRD 1806 SAM-PRS WITH MP2000	8	210-270	40		19'
⑦	RAIN BIRD 1806 SAM-PRS WITH MP2000	404	90-210	40		19'
⑧	RAIN BIRD 1806 SAM-PRS WITH MP3000	602	90-210	40		30'
⑨	RAIN BIRD 1806 SAM-PRS WITH MP3000	8	210-270	40		30'
⑩	RAIN BIRD 1806 SAM-PRS WITH MP800	1,696	Adj	40		10'
⑪	RAIN BIRD 1806 SAM-PRS WITH MP815	4	90-210	40		15'
⑫	RAIN BIRD 1812 SAM-PRS WITH HUNTER MP CORNER	1	Adj	40		14'
⑬	RAIN BIRD 1812 SAM-PRS WITH HUNTER MP STRIP ON RISER	2	LCS	40	0.22	5'x15'
⑭	RAIN BIRD 1812 SAM-PRS WITH HUNTER MP STRIP ON RISER	5	RCS	40	0.22	5'x15'
⑮	RAIN BIRD 1812 SAM-PRS WITH HUNTER MP STRIP ON RISER	10	SST	40	0.44	5'x30'
⑯	RAIN BIRD 1812 SAM-PRS WITH MP1000 ON RISER	494	90-210	40		14'
⑰	RAIN BIRD 1812 SAM-PRS WITH MP2000 ON RISER	43	90-210	40		19'
⑱	RAIN BIRD 1812 SAM-PRS WITH MP3000 ON RISER	53	90-210	40		30'
⑲	RAIN BIRD 1800-1400 FLOOD 1401(2 PER TREE)	1,784	360	30	1	3'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊙	Rain Bird PESB w/ Nibco T113 isolation valve installed in a Carson 1220 Jumbo Series Valve Box w/ bolt down lid and Netafim Manual Disk filter assembly and PVC ball valve installed in separate Carson 1220 Jumbo Series Valve Box with bolt down lid.	77
⊗	Aquatuse 2-1/2" Mainline Isolation Valve installed in a Carson 12" Rectangular Valve Box with bolt down lid.	9
A B	Rain Bird ESP-SAT-4-CCU-28-W Station Maxicom Controller included in each pump station.	2
S	Control system shall include Duplex Surge Receptacle, PT-322 Pulse Transmitter and One Irrrometer Watermark Moisture Sensor and control module WEM-DC-T. Utilize Lectra Shield LS-120 series surge protection device for primary controller protection.	
S	Watermark Moisture Sensor wired per manufacture specifications.	2
R	Rain Bird Tipping RAINCAN (RAINGAUGE) installed on a 2" galvanized steel pipe to be connected to Site-Sat-Sensor input. Wire Rain Can per manufacture specifications.	2
P-A P-B	Sullivan 10 HP Pump and Pump Station. Pump and well shall be capable of 150 gpm @ 70 200 TDH. Approximate operating pressure: 70. Power to pump shall be supplied by owner to be 460/480v three phase. Pump to be 10hp submersible.	2

———— Irrigation Lateral Line: PVC Class 200 Solvent Weld 125,838 l.f.

----- Irrigation Mainline: HDPE Class 4710 DR11 3" 8,278 l.f.

IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN TAKE OFF



## IRRIGATION NOTES

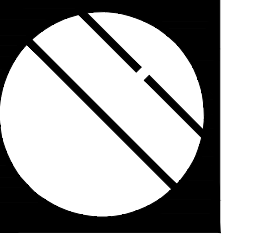
- THE PLANS AND DRAWINGS ARE DIAGRAMMATIC OF THE WORK TO BE PERFORMED. SOME COMPONENTS MAY BE SHOWN OUTSIDE THE WORK AREA FOR CLARITY. THE WORK SHALL BE EXECUTED IN A MANNER TO AVOID CONFLICTS WITH UTILITIES AND OTHER ELEMENTS OF CONSTRUCTION, INCLUDING LANDSCAPE MATERIALS. ALL DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE BEING INSTALLED. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY ASPECT OF THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS AND DRAWINGS, WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DISCREPANCIES EXIST THAT MIGHT NOT HAVE BEEN KNOWN DURING THE DESIGN OF THE IRRIGATION SYSTEM. IN THE EVENT THAT NOTIFICATION OF THE CONFLICT IS NOT APPROVED BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR WILL ASSUME FULL RESPONSIBILITY FOR ALL REVISIONS.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS, IRRIGATION SYSTEM SPECIFICATIONS AND ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COMPLY WITH ALL PREVAILING LOCAL CODES, ORDINANCES, AND REGULATIONS.
- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, INCLUDING UTILITY LOCATIONS, BEFORE INSTALLATION OF THE IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THE PLANS - CONTRACTOR TO VERIFY. COORDINATE ALL IRRIGATION SYSTEM CONSTRUCTION WITH EXISTING AND NEW PLANTINGS TO AVOID CONFLICT OR INTERFERENCE WITH LOCATION OF PIPING, SLEEVING, CABLES, AND SERVICE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION WITH ALL OTHER CONSTRUCTION ON SITE, ESPECIALLY LANDSCAPE INSTALLATION. IRRIGATION SYSTEM SHALL BE RELOCATED AT NO ADDITIONAL COST FOR ANY CONFLICT WITH LANDSCAPE INSTALLATION OR ANY OTHER SITE CONSTRUCTION OR EXISTING CONDITIONS. ALL COMPONENTS THAT ARE NOT CONTAINED WITHIN THE SPECIFIC AREAS SHOWN OR CALLED OUT ON THE DRAWINGS WILL NOT BE ACCEPTED. ALL PIPING AND OTHER COMPONENTS ARE TO REMAIN WITHIN THE PROPERTY OF THE OWNER.
- WHERE EXISTING OR NEW TREES, LIGHT STANDARDS, SIGNS, ELECTRONIC CONTROLLERS AND/OR OTHER OBJECTS ARE AN OBSTRUCTION TO AN IRRIGATION SPRINKLER'S PATTERN, THE COMPONENT AND PIPING SHALL BE RELOCATED AS NECESSARY TO OBTAIN PROPER COVERAGE OF AN IRRIGATION SPRINKLER'S PATTERN. THE COMPONENT AND PIPING SHALL BE RELOCATED AS NECESSARY TO OBTAIN THE PROPER COVERAGE WITHOUT DAMAGING THE OBSTRUCTION. OWNER'S REPRESENTATIVE SHALL DETERMINE WHETHER AN OBSTRUCTION OCCURS OR NOT.
- COMPONENT SPACING ARE MAXIMUM. DO NOT EXCEED SPACING SHOWN OR NOTED ON THE PLANS. COMPONENT SPACING MAY BE ADJUSTED TO ACCOMMODATE CHANGES IN TERRAIN AND PLANTING LAYOUT AS LONG AS THE MODIFIED SPACING DO NOT EXCEED THE SPACING SHOWN IN THE PLANS. UNLESS SHOWN OTHERWISE, CONTRACTOR SHALL PROVIDE 100% COVERAGE.
- ALL MATERIALS AND EQUIPMENT SHOWN SHALL BE NEW AND INSTALLED AS DETAILED ON THE PLANS. IF THE DRAWINGS DO NOT THOROUGHLY DESCRIBE THE TECHNIQUES TO BE USED, THE INSTALLER SHALL FOLLOW THE INSTALLATION METHODS AND INSTRUCTIONS RECOMMENDED BY THEIR MANUFACTURER.
- THE LOCATION OF THE IRRIGATION MAINLINE SHALL BE IDENTIFIED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION.
- IRRIGATION CONTRACTOR SHALL ADJUST ALL SPRINKLERS, CONTROLLER AND OTHER DEVICES TO OBTAIN SPECIFIED OPERATING PARAMETERS, INCLUDING COVERAGE, OPERATING PRESSURE, FLOW RATES AND OPERATION TIME, AS INDICATED ON THE DRAWINGS AND IN THE IRRIGATION SYSTEM SPECIFICATIONS.
- CONTRACTOR TO PROVIDE INSTALLATION SHOP DRAWINGS AND MANUFACTURER PRODUCT INFORMATION FOR ALL IRRIGATION COMPONENTS. ALL INSTALLATIONS SHALL BE AS RECOMMENDED BY MANUFACTURERS. THE QUANTITIES SHOWN IN THE LEGENDS AND SYMBOL SHEETS SHALL NOT BE USED FOR BIDDING PURPOSES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONDUCTING A COMPREHENSIVE MATERIALS TAKEOFF TO DETERMINE THE ACTUAL QUANTITIES OF MATERIAL NECESSARY TO EXECUTE THE WORK DESCRIBED IN THE DOCUMENTS.
- ALL TRENCHES SHALL BE BACKFILLED WITH CLEAN, DEBRIS-FREE MATERIALS. CLEAN SAND SHALL BE USED FOR BEDDING MATERIAL IF PARENT SOIL CANNOT BE ADEQUATELY RID OF ROCK AND OTHER EXTRANEOUS DEBRIS. PULLING PIPE SHALL BE PROHIBITED.
- ALL SOLVENT WELDING SHALL BE PRECEDED BY PRIMING OF THE FITTINGS AND PIPE AS RECOMMENDED BY THE MANUFACTURER.
- IRRIGATION CONTRACTOR TO INSTALL CHRISTY ZONE TAGS WITH THE CORRESPONDING CONTROLLER ZONE NUMBER.
- ALL IRRIGATION LINES UNDER PAVEMENT SHALL BE INSTALLED AS NOTED. IRRIGATION COMMUNICATION CABLE SHALL HAVE ITS OWN SEPARATE SLEEVE UNLESS NOTED OTHERWISE.
- THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR ALL SLEEVING.
- ALL UNSIZED PIPE SHALL BE 3/4".
- IRRIGATION LATERAL LINES TO BE BURIED AT A DEPTH OF 18" FOR PIPES UP TO 3" AND 24" FOR PIPES LARGER THAN 3".
- IRRIGATION MAINLINES TO BE BURIED AT A DEPTH OF 36".
- "AS-BUILT" DRAWINGS SHALL BE PROVIDED BY UTILIZING A SUB-METER GLOBAL POSITIONING SYSTEM (GPS) TO ACCURATELY LOCATE ALL MAINLINES, SLEEVES, REMOTE CONTROL VALVES, GATE VALVES, WIRE SPLICE BOXES, CONTROLLERS, AND P.O.C.'S.
- IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE LANDSCAPE SUPERVISOR.
- THE CONTROL WIRE SHALL BE SINGLE STRAND UL LISTED FOR DIRECT BURIAL. THE ZONE WIRES SHALL BE 14 GAUGE. THE ZONE WIRES TO ZONES B12-B14 SHALL BE 12 GAUGE. ZONE WIRES SHALL BE RED IN COLOR. THE COMMON WIRE SHALL BE 12 GAUGE WHITE IN COLOR. ALL WIRE SPLICES SHALL BE MADE WITH 3M-DBY WIRE AND DBR CONNECTORS.
- A PARTICLE SIZE ANALYSIS AND WATER QUALITY TEST MUST BE PERFORMED AND SUBMITTED TO PUBLIC WORKS FOR REVIEW AND APPROVAL. THIS PARTICLE SIZE ANALYSIS AND WATER QUALITY TEST WILL BE USED BY PUBLIC WORKS TO DETERMINE IF A FILTRATION SYSTEM IS NEEDED AS PER THE IRRIGATION STANDARDS.
- THE WELLS SHALL BE CAPABLE OF PROVIDING REQUIRED WATER QUANTITY WITH FOLLOWING WATER QUALITY:
  - AT THE REQUIRED FLOW WATER SHALL BE CLEAR AND FREE OF SAND AND OTHER DEBRIS LARGER THAN .030" IN DIAMETER.
  - WATER SHALL BE CONSIDERED SAND FREE WHEN NO SAMPLE, TAKEN DURING TEST PUMPING, CONTAINS MORE THAN 2 PARTS PER MILLION OF SUSPENDED SOLID WEIGHT.
  - MAXIMUM IRON ALLOWED IN THE WELL WATER SHALL BE LESS THAN 0.3 PARTS PER MILLION.
  - MAXIMUM SALT CONTENT SHALL BE LESS THAN 300 PARTS PER MILLION.
  - PER CITY CODE FOR IRRIGATION WELLS: ANY PROPERTY WHICH IS CURRENTLY UTILIZING A WELL FOR IRRIGATION PURPOSES SHALL BE ABLE TO CONTINUE TO UTILIZE SUCH WELL NOTWITHSTANDING EXISTING OR FUTURE CONNECTION TO THE CITY'S WATER SYSTEM. NO CROSS CONNECTION BETWEEN POTABLE AND NONPOTABLE SYSTEMS WILL BE ALLOWED.
- THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE WELL AND PUMP STATION. THE IRRIGATION CONTRACTOR SHALL VERIFY ELECTRICAL SERVICE PROVIDED PRIOR TO ORDERING THE PUMP STATION.

## WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	GPM	NUMBER	MODEL	TYPE	PRECIP	GPM
A1	RAINBIRD	TURF ROTARY	0.42 IN/H	30.7	B1	RAINBIRD	TURF ROTARY	0.42 IN/H	7.82
A2	RAINBIRD	TREE BUBBLER	0.42 IN/H	9	B2	RAINBIRD	TURF ROTARY	0.42 IN/H	28.5
A3	RAINBIRD	TURF ROTARY	0.42 IN/H	29.7	B3	RAINBIRD	TURF ROTARY	0.42 IN/H	22.6
A4	RAINBIRD	TURF ROTARY	0.42 IN/H	57.6	B4	RAINBIRD	TREE BUBBLER	0.42 IN/H	3.2
A5	RAINBIRD	TURF ROTARY	0.42 IN/H	52.2	B5	RAINBIRD	TURF ROTARY	0.42 IN/H	19.5
A6	RAINBIRD	SHRUB ROTARY	0.42 IN/H	34.5	B6	RAINBIRD	TURF ROTARY	0.42 IN/H	34.5
A7	RAINBIRD	TREE BUBBLER	0.42 IN/H	13.3	B7	RAINBIRD	TREE BUBBLER	0.42 IN/H	3
A8	RAINBIRD	TURF ROTARY	0.42 IN/H	45.0	B8	RAINBIRD	TURF ROTARY	0.42 IN/H	9.96
A9	RAINBIRD	TURF ROTARY	0.42 IN/H	30.6	B9	RAINBIRD	SHRUB ROTARY	0.42 IN/H	28.3
A10	RAINBIRD	TREE BUBBLER	0.42 IN/H	9	B10	RAINBIRD	TURF ROTARY	0.42 IN/H	34.2
A11	RAINBIRD	TURF ROTARY	0.42 IN/H	30.2	B11	RAINBIRD	TURF ROTARY	0.42 IN/H	37.7
A12	RAINBIRD	SHRUB ROTARY	0.42 IN/H	36.2	B12	RAINBIRD	TURF ROTARY	0.42 IN/H	48.1
A13	RAINBIRD	TREE BUBBLER	0.42 IN/H	42	B13	RAINBIRD	SHRUB ROTARY	0.42 IN/H	37.9
A14	RAINBIRD	TURF ROTARY	0.42 IN/H	31.6	B14	RAINBIRD	TURF ROTARY	0.42 IN/H	49.2
A15	RAINBIRD	TURF ROTARY	0.42 IN/H	48.5	B15	RAINBIRD	TURF ROTARY	0.42 IN/H	57.4
A16	RAINBIRD	TREE BUBBLER	0.42 IN/H	16.5	B16	RAINBIRD	TURF ROTARY	0.42 IN/H	31.4
A17	RAINBIRD	TURF ROTARY	0.42 IN/H	30.1	B17	RAINBIRD	TURF ROTARY	0.42 IN/H	29.8
A18	RAINBIRD	TREE BUBBLER	0.42 IN/H	18.8	B18	RAINBIRD	TURF ROTARY	0.42 IN/H	61.8
A19	RAINBIRD	TURF ROTARY	0.42 IN/H	30.2	B19	RAINBIRD	TREE BUBBLER	0.42 IN/H	19.8
A20	RAINBIRD	TURF ROTARY	0.42 IN/H	52.0	B20	RAINBIRD	TURF ROTARY	0.42 IN/H	57.8
A21	RAINBIRD	TURF ROTARY	0.42 IN/H	40.5	B21	RAINBIRD	TREE BUBBLER	0.42 IN/H	46.5
A22	RAINBIRD	SHRUB ROTARY	0.42 IN/H	35.5	B22	RAINBIRD	TURF ROTARY	0.42 IN/H	54.4
A23	RAINBIRD	TURF ROTARY	0.42 IN/H	50.1	B23	RAINBIRD	TURF ROTARY	0.42 IN/H	63.3
A24	RAINBIRD	TURF ROTARY	0.42 IN/H	54.3	B24	RAINBIRD	TREE BUBBLER	0.42 IN/H	27.3
A25	RAINBIRD	TURF ROTARY	0.42 IN/H	45.4	B25	RAINBIRD	TURF ROTARY	0.42 IN/H	34.4
A26	RAINBIRD	TURF ROTARY	0.42 IN/H	44.1	B26	RAINBIRD	TURF ROTARY	0.42 IN/H	34.3
A27	RAINBIRD	TURF ROTARY	0.42 IN/H	47.1	B27	RAINBIRD	TURF ROTARY	0.42 IN/H	51.6
A28	RAINBIRD	TURF ROTARY	0.42 IN/H	40.5	B28	RAINBIRD	SHRUB ROTARY	0.42 IN/H	40.5
A29	RAINBIRD	SHRUB ROTARY	0.42 IN/H	39.4	B29	RAINBIRD	TURF ROTARY	0.42 IN/H	44
A30	RAINBIRD	TURF ROTARY	0.42 IN/H	42.8	B30	RAINBIRD	TREE BUBBLER	0.42 IN/H	32.1
A31	RAINBIRD	TURF ROTARY	0.42 IN/H	32.5	B31	RAINBIRD	TURF ROTARY	0.42 IN/H	29.8
A32	RAINBIRD	TURF ROTARY	0.42 IN/H	25.1	B32	RAINBIRD	TURF ROTARY	0.42 IN/H	60.2
A33	RAINBIRD	TURF ROTARY	0.42 IN/H	47.1	B33	RAINBIRD	TURF ROTARY	0.42 IN/H	14.1
A34	RAINBIRD	TURF ROTARY	0.42 IN/H	34.1	B34	RAINBIRD	TREE BUBBLER	0.42 IN/H	3.75
A35	RAINBIRD	TURF ROTARY	0.42 IN/H	32.3	B35	RAINBIRD	TURF ROTARY	0.42 IN/H	19.6
					B36	RAINBIRD	TURF ROTARY	0.42 IN/H	40.9
					B37	RAINBIRD	TURF ROTARY	0.42 IN/H	55.1
					B38	RAINBIRD	TREE BUBBLER	0.42 IN/H	11.3
					B39	RAINBIRD	TURF ROTARY	0.42 IN/H	55.1
					B40	RAINBIRD	TURF ROTARY	0.42 IN/H	56.5
					B41	RAINBIRD	TURF ROTARY	0.42 IN/H	27.9
					B42	RAINBIRD	TURF ROTARY	0.42 IN/H	31.3
					B43	RAINBIRD	TURF ROTARY	0.42 IN/H	39.2



## PSLUSD# 5405 PSL# P23-067 BECKER ROAD IRRIGATION SCHEDULE & NOTES



**Cotleur & Hearing**

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**BECKER ROAD  
IRRIGATION PLAN**  
Port Saint Lucie, Florida

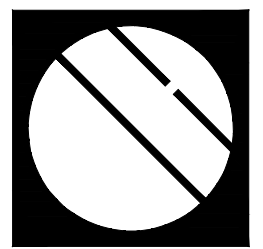
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DRAWN	JCO
APPROVED	DTS
JOB NUMBER	20-0518
DATE	12-17-22
REVISIONS	02-09-23
	05-01-23

May 01, 2023 2:39:12 a.m.  
Drawing: 20--0518 LP.DWG

SHEET 14 OF 16

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# Cotleur & Hearing

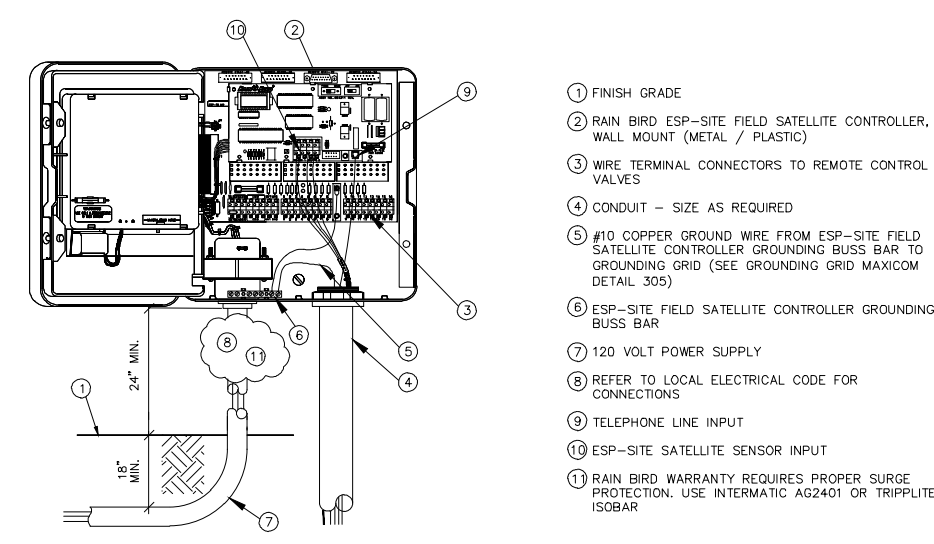
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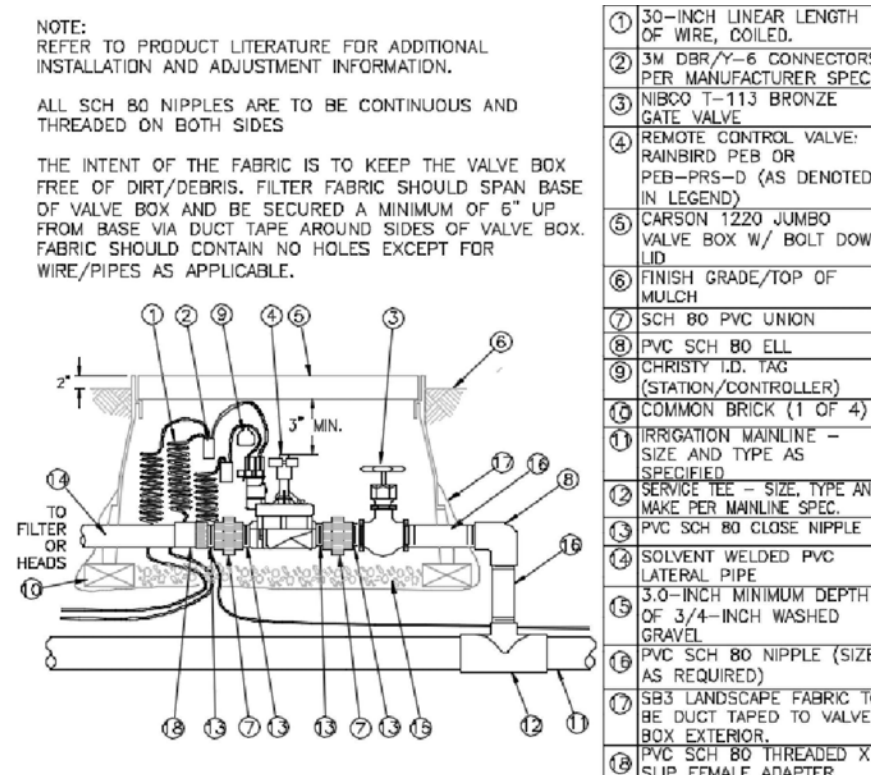
# BECKER ROAD IRRIGATION PLAN

Port Saint Lucie, Florida



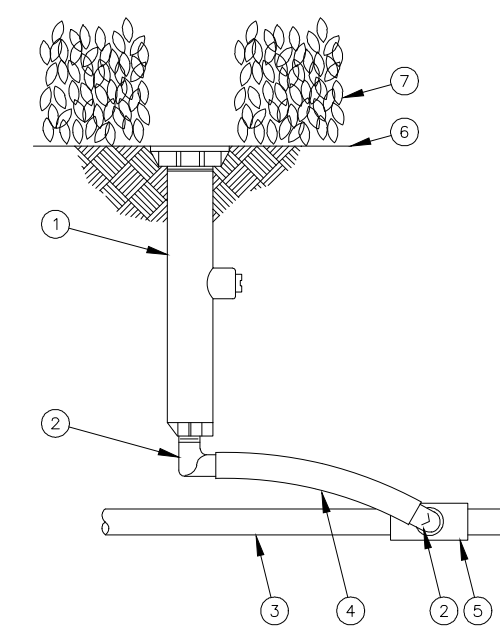
- FINISH GRADE
- RAIN BIRD ESP-SITE FIELD SATELLITE CONTROLLER, WALL MOUNT (METAL / PLASTIC)
- WIRE TERMINAL CONNECTORS TO REMOTE CONTROL VALVES
- CONDUIT - SIZE AS REQUIRED
- SP POWER SUPPLY WIRE FROM ESP-SITE FIELD SATELLITE CONTROLLER (GROUNDING BUS BAR TO GROUNDING GRID USE APPROXIMATE 3/8" MINIMUM DETAIL 305)
- ESP-SITE FIELD SATELLITE CONTROLLER GROUNDING BUS BAR
- 120 VOLT POWER SUPPLY
- REFER TO LOCAL ELECTRICAL CODE FOR CONNECTIONS
- TELEPHONE LINE INPUT
- ESP-SITE SATELLITE SENSOR INPUT
- RAIN BIRD WARRANTY REQUIRES PROPER SURGE PROTECTION. USE INTERMATIC AG2401 OR TRIPPLITE ISOBAR

1 RAINBIRD ESP-SAT SATELLITE CONTROLLER



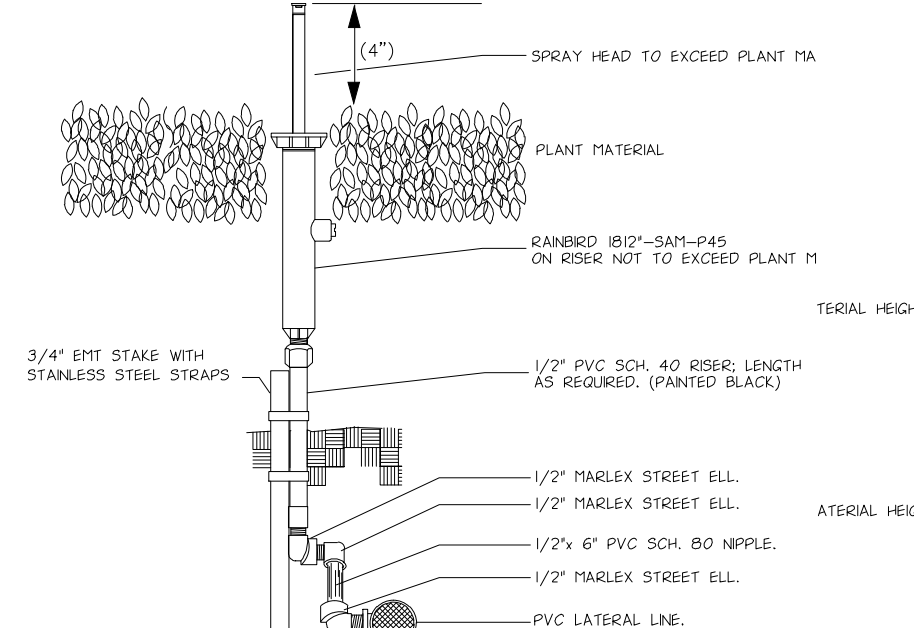
- NOTE: REFER TO PRODUCT LITERATURE FOR ADDITIONAL INSTALLATION AND ADJUSTMENT INFORMATION.  
ALL SCH 80 NIPPLES ARE TO BE CONTINUOUS AND THREADED ON BOTH SIDES.  
THE INTENT OF THE FABRIC IS TO KEEP THE VALVE BOX FREE OF DIRT/DEBRIS. FILTER FABRIC SHOULD SPAN BASE OF VALVE BOX AND BE SECURED A MINIMUM OF 6" UP FROM BASE VIA DUCT TAPE AROUND SIDES OF VALVE BOX. FABRIC SHOULD CONTAIN NO HOLES EXCEPT FOR WIRE/PIPES AS APPLICABLE.
- 30-INCH LINEAR LENGTH OF WIRE, COILED
  - 1/2" DIA. #4 CONNECTORS PER MANUFACTURER SPEC
  - NEEDLE VALVE
  - REMOTE CONTROL VALVE: RAINBIRD PER DR. PIP-BIRD-0 (AS DENOTED IN LEGEND)
  - CARBON 1230 JUBBO VALVE BOX W/ BOLT DOWN VALVE W/ BOLT DOWN VALVE
  - FINISH GRADE/TOP OF MULCH
  - SCH 80 PVC LINK
  - PVC SCH 80 ELL
  - DIAPHRAGM
  - DIAPHRAGM BRIDGE (1 OF 4)
  - REGULATOR MAINLINE - SIZE AND TYPE AS SPECIFIED
  - REGULATOR - SIZE AND TYPE AND MAKE PER MAINLINE SPEC
  - PVC SCH 80 ELBOW AS APPLICABLE
  - SOLVENT WETTED PVC LATERAL PIPE
  - 3/4" MINIMUM DEPTH OF 3/4" INCH WASHED GRAVEL
  - PVC SCH 80 NIPPLE (SIZE AS REQUIRED)
  - NETAM FILTER FABRIC TO BE DUCT TAPED TO VALVE BOX EXTERIOR
  - PVC SCH 80 THREADED X FEMALE ADAPTER

2 CONTROL VALVE DETAIL



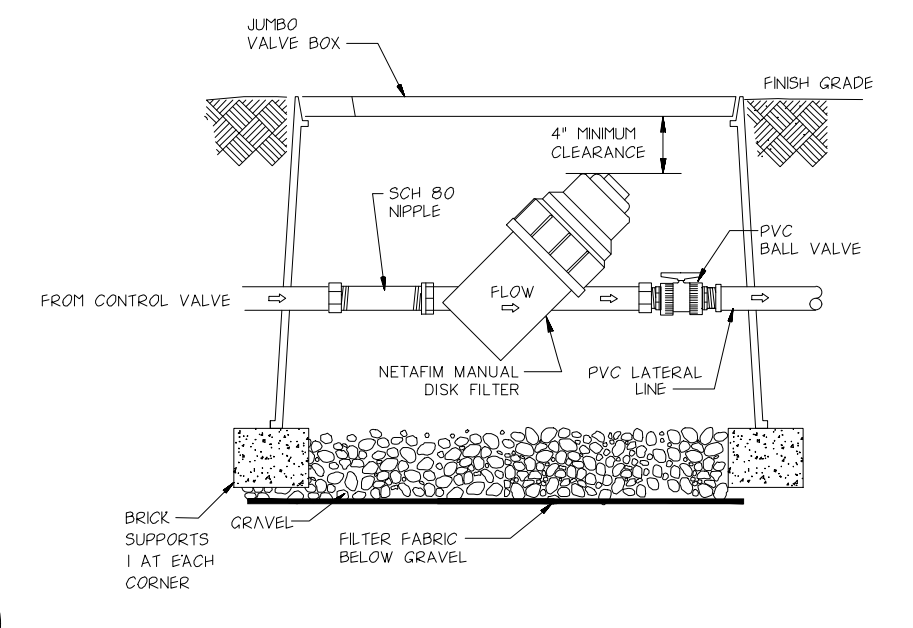
- POP-UP SPRAY SPRINKLER: RAIN BIRD 1806/1812-SAM-P45
- 1/2-INCH MALE NPT x 490 INCH BARB ELBOW, RAIN BIRD MODEL SBE-050
- PVC LATERAL PIPE
- SWING PIPE, 12-INCH LENGTH: RAIN BIRD MODEL SPX-FLEX-100
- PVC SCH 40 TEE OR ELL
- FINISH GRADE/TOP OF MULCH
- PLANT MATERIAL

3 RAINBIRD 1806/1812-SAM-P45 SERIES SPRAYS



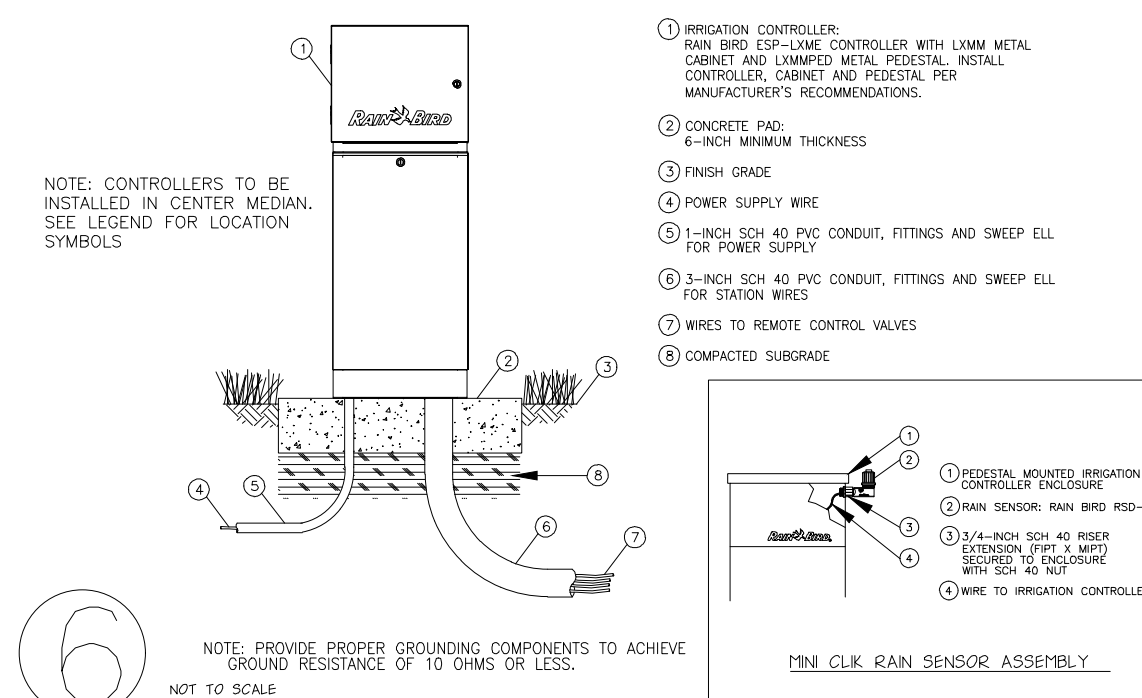
- POP-UP SPRAY SPRINKLER: RAIN BIRD 1806/1812-SAM-P45
- 1/2-INCH MALE NPT x 490 INCH BARB ELBOW, RAIN BIRD MODEL SBE-050
- PVC LATERAL PIPE
- SWING PIPE, 12-INCH LENGTH: RAIN BIRD MODEL SPX-FLEX-100
- PVC SCH 40 TEE OR ELL
- FINISH GRADE/TOP OF MULCH
- PLANT MATERIAL
- 3/4" EMT STAKE WITH STAINLESS STEEL STRAPS
- 1/2" MARLEX STREET ELL
- 1/2" MARLEX STREET ELL
- 1/2" 6" PVC SCH. 80 NIPPLE
- 1/2" MARLEX STREET ELL
- PVC LATERAL LINE
- PVC SCH 40 TEE

4 RAINBIRD RISER MOUNTED 1812-SAM-P45



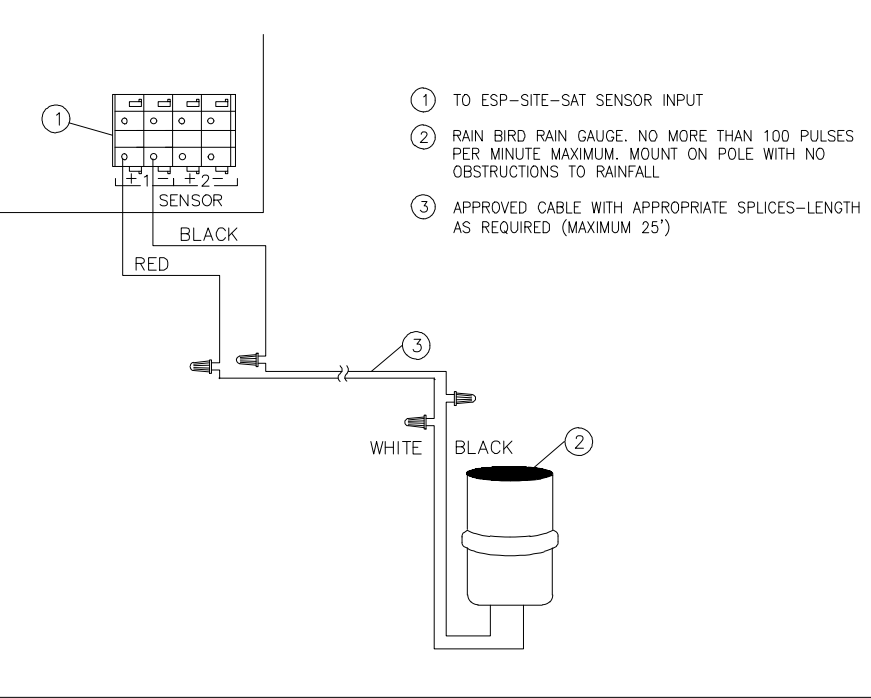
- NETAM MANUAL DISK FILTER
- PVC LATERAL LINE
- PVC BALL VALVE
- 4" FIBERGLASS CLEARANCE
- FINISH GRADE
- 3/4" EMT STAKE WITH STAINLESS STEEL STRAPS
- 1/2" MARLEX STREET ELL
- 1/2" MARLEX STREET ELL
- 1/2" 6" PVC SCH. 80 NIPPLE
- 1/2" MARLEX STREET ELL
- PVC LATERAL LINE
- PVC SCH 40 TEE
- FINISH GRADE/TOP OF MULCH
- 1/2" MARLEX STREET ELL
- 1/2" MARLEX STREET ELL
- 1/2" 6" PVC SCH. 80 NIPPLE
- 1/2" MARLEX STREET ELL
- PVC LATERAL LINE
- PVC SCH 40 TEE

5 FILTER ASSEMBLY DETAIL



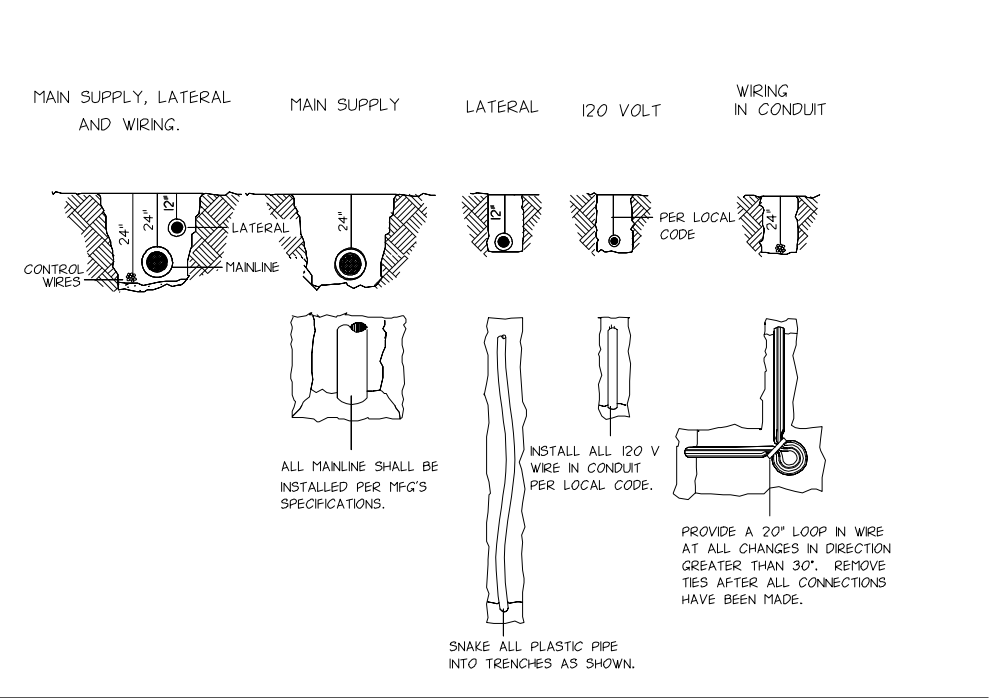
- NOTE: CONTROLLERS TO BE INSTALLED IN CENTER MEDIAN. SEE LEGEND FOR LOCATION SYMBOLS.
- IRRIGATION CONTROLLER: RAIN BIRD ESP-LXME CONTROLLER WITH LOW VOLT METAL CASE. RAIN BIRD W/ LOW VOLT CONTROLLER, CABINET AND PRECISE PER MANUFACTURER'S RECOMMENDATIONS.
  - CONCRETE, 6-INCH MINIMUM THICKNESS
  - FINISH GRADE
  - COMMON SUPPLY WIRE
  - 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR POWER SUPPLY
  - 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR SIGNAL WIRE
  - WIRES TO REMOTE CONTROL VALVES
  - COMPACTED SUBGRADE
  - ESPECIAL MOUNTED IRRIGATION CONTROLLER PROTECTION
  - RAIN SENSOR: RAIN BIRD RSI-SE
  - 1/4" AND 1/2" SCH 40 WIRE SENSOR TO FIELD UNIT WITH SCH 40 NPT WIRE TO IRRIGATION CONTROLLER
  - WIRE TO IRRIGATION CONTROLLER
  - ESPECIAL MOUNTED IRRIGATION CONTROLLER PROTECTION
  - RAIN SENSOR: RAIN BIRD RSI-SE
  - 1/4" AND 1/2" SCH 40 WIRE SENSOR TO FIELD UNIT WITH SCH 40 NPT WIRE TO IRRIGATION CONTROLLER
  - WIRE TO IRRIGATION CONTROLLER

6 RAINBIRD ESP-LXME MODULAR CONTROLLER FOR TEMPORARY REMOTE POTABLE SYSTEM



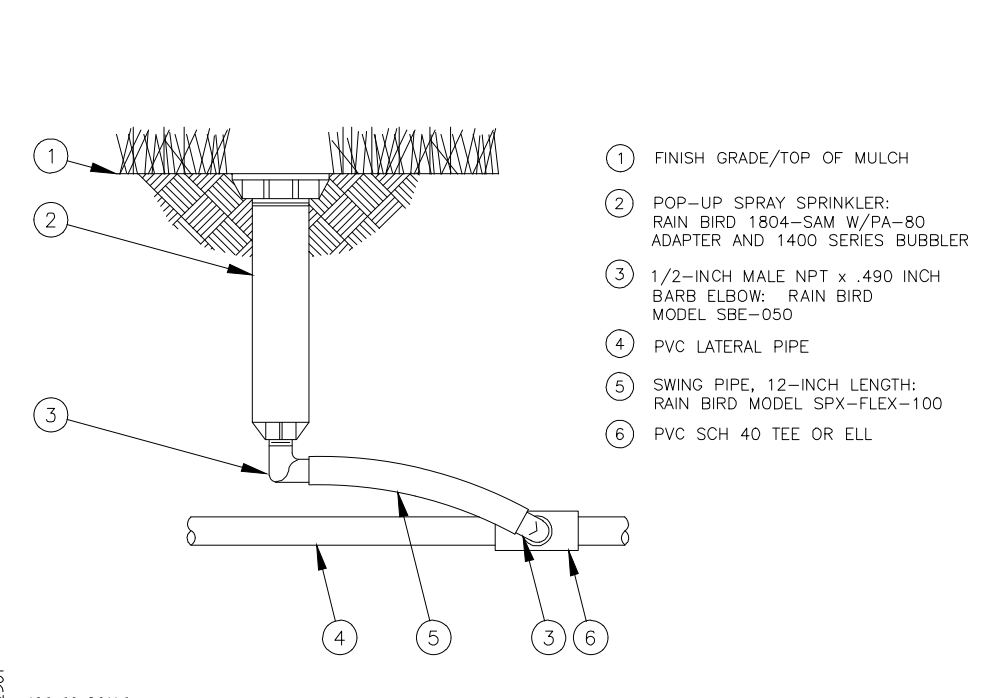
- TO ESP-SITE-SAT SENSOR INPUT
- RAIN BIRD RAIN GAUGE, NO MORE THAN 100 PULSES PER MINUTE. MOUNT ON POLE WITH NO OBSTRUCTIONS TO RAINFALL.
- APPROVED CABLE WITH APPROPRIATE SPICES-LENGTH AS REQUIRED (MAXIMUM 2')

7 MAXICOM VARIABLE RAIN SHUT-DOWN



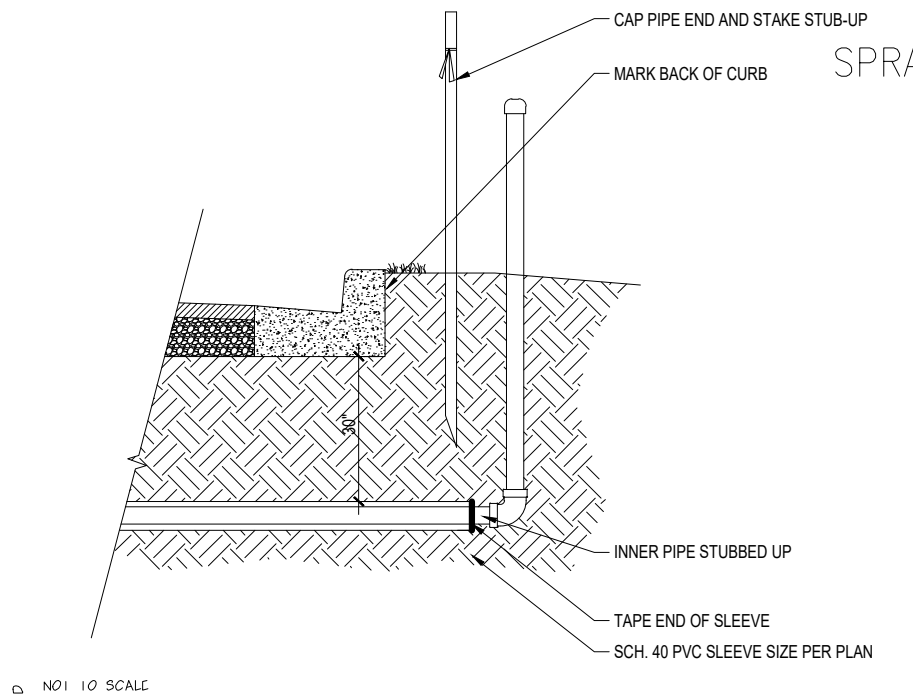
- MAIN SUPPLY, LATERAL AND WRENG
- MAIN SUPPLY
- LATERAL
- 120 VOLT
- WRENG IN CONDUIT
- PER LOCAL CODE
- INSTALL ALL 120 V WIRE IN CONDUIT PER LOCAL CODE.
- PROVIDE A 3" LOOP IN WIRE AT ALL CHANGES IN DIRECTION GREATER THAN 90°. SERVICE TESTED AFTER ALL CONNECTIONS HAVE BEEN MADE.
- SHAVE ALL PLASTIC PIPE WIRE TRENCHES AS SHOWN.

8 TRENCH DETAIL



- FINISH GRADE/TOP OF MULCH
- POP-UP SPRAY SPRINKLER: RAIN BIRD 1804-SAM W/PA-80 ADAPTER AND 1400 SERIES BUBBLER
- 1/2-INCH MALE NPT x 490 INCH BARB ELBOW, RAIN BIRD MODEL SBE-050
- PVC LATERAL PIPE
- SWING PIPE, 12-INCH LENGTH: RAIN BIRD MODEL SPX-FLEX-100
- PVC SCH 40 TEE OR ELL

9 RAINBIRD 1804-SAM SERIES SPRAY



- CAP PIPE END AND STAKE STUB-UP
- MARK BACK OF CURB
- INNER PIPE STUBBED UP
- TAPE END OF SLEEVE
- SCH 40 PVC SLEEVE SIZE PER PLAN

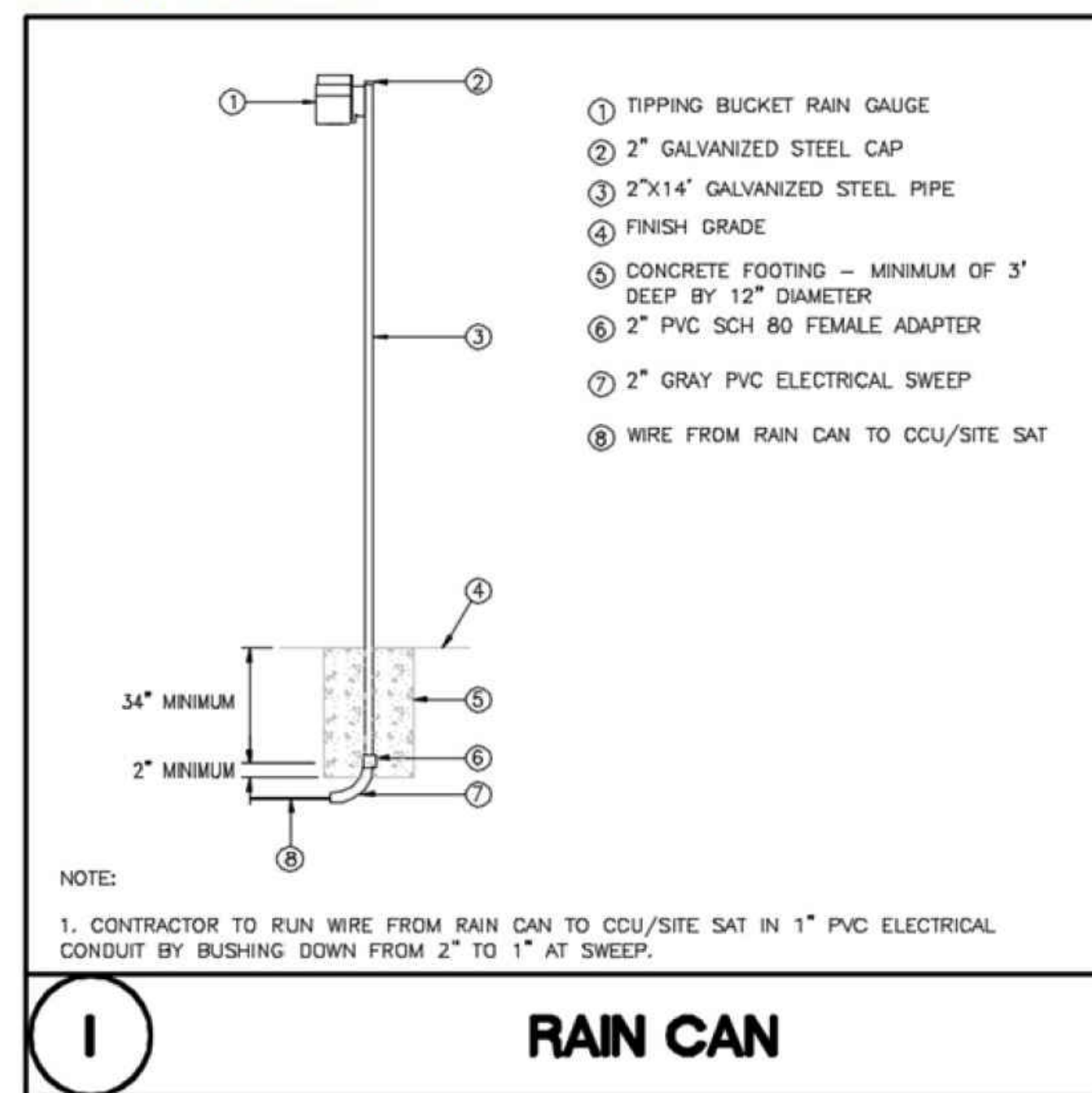
10 SLEEVE

## SYSTEM DESIGN CRITERIA FOR LATERAL PIPE SIZES

Pipe Size	Flow Range (GPM)
3/4"	0 - 8
1"	8 - 15
1-1/4"	15 - 22
1-1/2"	22 - 32
2"	32 - 50
3"	50 - 68

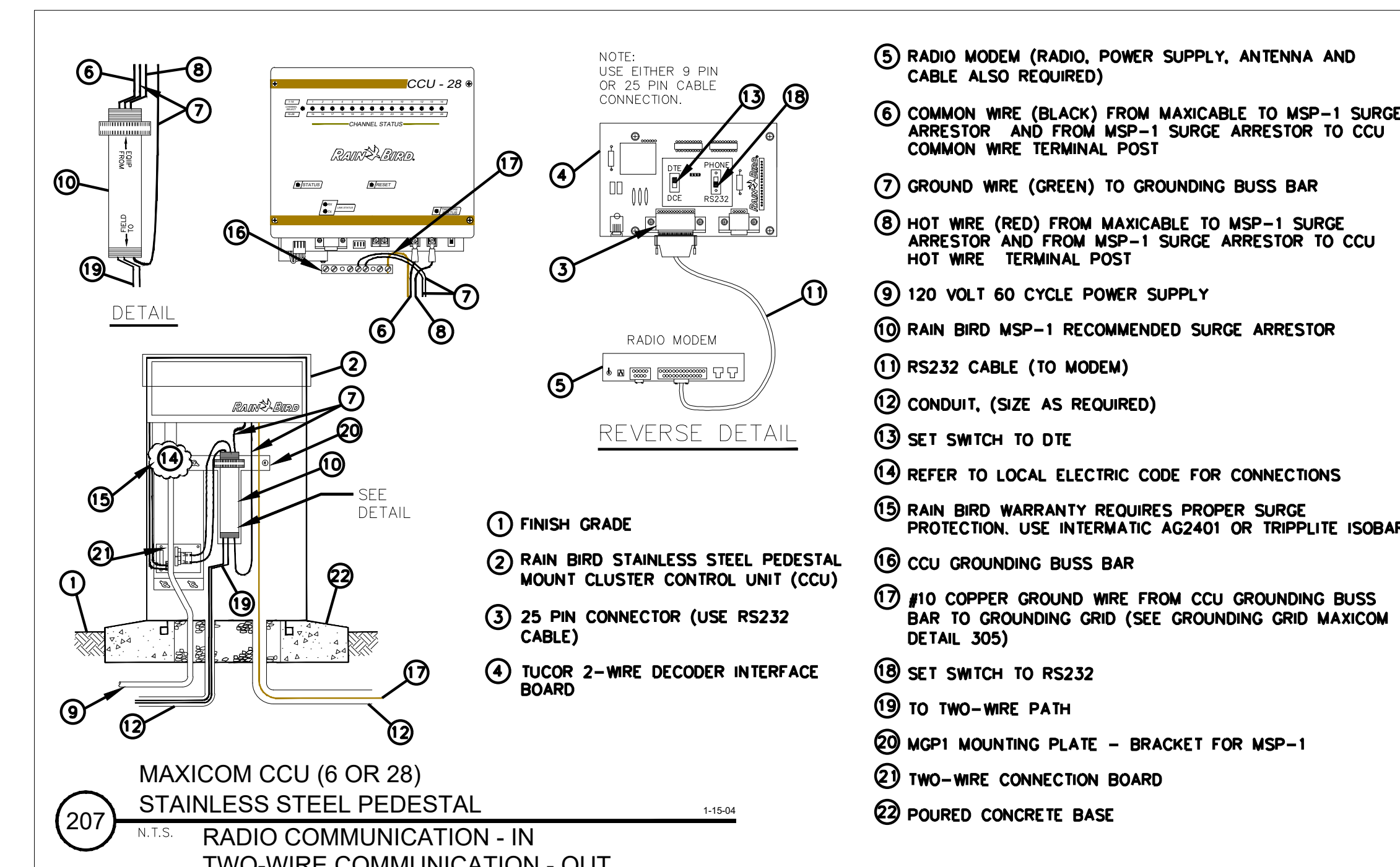
\*ALL SLEEVING IS TO BE AT LEAST TWICE THE SIZE OF PIPE TRAVELING THROUGH  
\*ALL PIPE SHALL BE SIZED IN ACCORDANCE WITH THE ABOVE CRITERIA UNLESS SPECIFICALLY NOTED.

## Rain Can on Galvanized Pole



- TIPPING BUCKET RAIN GAUGE
  - 2" GALVANIZED STEEL CAP
  - 2"x14" GALVANIZED STEEL PIPE
  - FINISH GRADE
  - CONCRETE FOOTING - MINIMUM OF 3' DEEP BY 12" DIAMETER
  - 2" PVC SCH 80 FEMALE ADAPTER
  - 2" GRAY PVC ELECTRICAL SWEEP
  - WIRE FROM RAIN CAN TO CCU/SITE SAT
- NOTE:  
1. CONTRACTOR TO RUN WIRE FROM RAIN CAN TO CCU/SITE SAT IN 1" PVC ELECTRICAL CONDUIT BY BUSHING DOWN FROM 2" TO 1" AT SWEEP.

1 RAIN CAN



- NOTE: EITHER 9 PIN OR 25 PIN CABLE CONNECTION.
- FINISH GRADE
  - RAIN BIRD STAINLESS STEEL PEDESTAL MOUNT CLUSTER CONTROL UNIT (CCU)
  - 25 PIN CONNECTOR (USE RS232 CABLE)
  - TUCOR 2-WIRE DECODER INTERFACE BOARD
  - RADIO MODEM (RADIO, POWER SUPPLY, ANTENNA AND CABLE ALSO REQUIRED)
  - COMMON WIRE (BLACK) FROM MAXICABLE TO MSP-1 SURGE ARRESTOR TO CCU COMMON WIRE TERMINAL POST
  - GROUND WIRE (GREEN) TO GROUNDING BUSS BAR
  - HOT WIRE (RED) FROM MAXICABLE TO MSP-1 SURGE ARRESTOR TO CCU HOT WIRE TERMINAL POST
  - 120 VOLT 60 CYCLE POWER SUPPLY
  - RAIN BIRD MSP-1 RECOMMENDED SURGE ARRESTOR
  - RS232 CABLE (TO MODEM)
  - CONDUIT, (SIZE AS REQUIRED)
  - SET SWITCH TO DTE
  - REFER TO LOCAL ELECTRIC CODE FOR CONNECTIONS
  - RAIN BIRD WARRANTY REQUIRES PROPER SURGE PROTECTION. USE INTERMATIC AG2401 OR TRIPPLITE ISOBAR
  - CCU GROUNDING BUSS BAR
  - #10 COPPER GROUND WIRE FROM CCU GROUNDING BUSS BAR TO GROUNDING GRID (SEE GROUNDING GRID MAXICOM DETAIL 305)
  - SET SWITCH TO RS232
  - TO TWO-WIRE PATH
  - MGP1 MOUNTING PLATE - BRACKET FOR MSP-1
  - TWO-WIRE CONNECTION BOARD
  - POURED CONCRETE BASE

207 MAXICOM CCU (6 OR 28) STAINLESS STEEL PEDESTAL RADIO COMMUNICATION - IN TWO-WIRE COMMUNICATION - OUT

## CHOOSING OPTIONS

CHOOSE EITHER CCU-6 OR CCU-28 BY TURNING ON THE APPROPRIATE LAYER:  
CCU-6 OPTION-CCU-6  
CCU-28 OPTION-CCU-28

TO TURN OFF THIS INSTRUCTION BOX, TURN OFF LAYER "INSTRUCT-OPTION".

## PSLUSD# 5405 PSL# P23-067 BECKER ROAD IRRIGATION DETAILS

DESIGNED	JCO
DRAWN	JCO
APPROVED	DTS
JOB NUMBER	20-0518
DATE	12-17-22
REVISIONS	02-09-23
	05-01-23

May 01, 2023 2:39:12 p.m.  
Drawing: 20-0518 LP.DWG

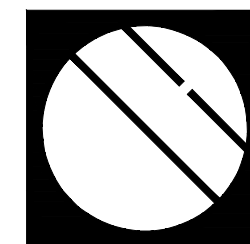


APPROVED

By: dspriggs

Date: 11/16/2023 Time: 3:40:44 PM





**Cotleur & Hearing**

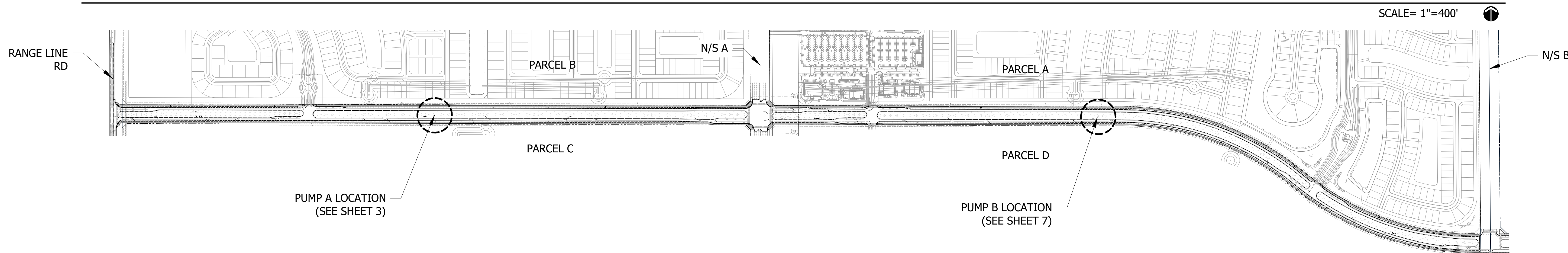
Landscape Architects  
Land Planners  
Environmental Consultants

1934 Commerce Lane  
Suite 1  
Jupiter, Florida 33458

www.cotleurhearing.com  
Lic# LC-C000239

**BECKER ROAD  
IRRIGATION PLAN**  
Port Saint Lucie, Florida

**IRRIGATION PUMP KEY MAP**



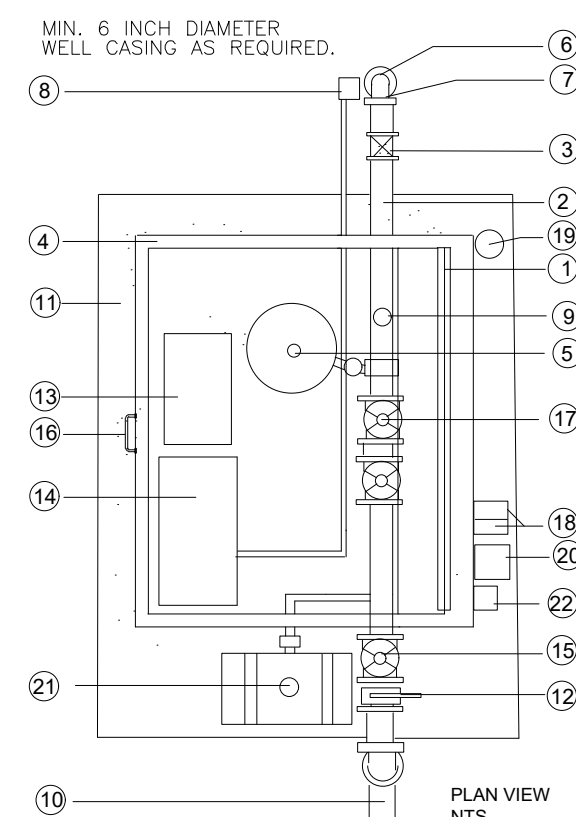
NOTE: DISCHARGE PIPES & HEADER TO IRRIGATION MAIN SHALL BE SCHED 40 GALVANIZED STEEL PIPE WITH GALV. ROLL GROOVE FITTINGS. PUMP DROP PIPE SHALL BE HDPE HEAT FUSED OR SCHED 40 GALV. STEEL. SET PUMP 60" ON 3" PIPE. INSTALL MOTOR CABLE SPLICE BETWEEN MOTOR AND CONTROL PANEL IN NEMA 4X JUNCTION BOX ADJACENT TO WELL IN ACCORDANCE WITH ELECTRICAL CODES.  
WELL DRILLER SHALL NOTIFY THE PUMP SYSTEM MANUFACTURER IN WRITING WITHIN 24 HOURS OF DEVELOPING THE WELL IF THE WELL PUMPING LEVEL IS GREATER THAN 40' BELOW FINISHED GRADE AFTER 8 HOURS OF CONTINUOUS PUMPING AT 125% OF THE DESIGN FLOW BELOW.

PROVIDE MINIMUM OF 4' CLEARANCE ON ALL SIDES OF PUMP SYSTEM

HOOVER FLOWGUARD WELL SYSTEM REMOTE CONTROL, COMMUNICATION AND FEATURES:  
COMMUNICATION VIA CELLULAR MODEM CONNECTION PROVIDED BY HOOVER.  
USER DEFINED INTERNET BASED CONTROL PARAMETERS USING STANDARD WEB BROWSER WITH EVENT LOGGING AND EMAIL ALERTS FOR WARNINGS AND ALARMS AS FOLLOWS:

- X HMI CONTROL INTERFACE AND DISPLAY ON CONTROL PANEL
- X MAXIMUM GALLON PER MINUTE USAGE WITH ADJUSTABLE TIME DELAY AND NUMBER OF RESTART ATTEMPTS
- X MINIMUM TOTAL DAILY WATER USAGE
- X DAILY, MONTHLY AND ANNUAL WATER USAGE BUDGETS
- X GRAPHING OF REAL TIME AND HISTORICAL FLOW, INCOMING AND DISCHARGE PRESSURE
- X SYSTEM EVENTS WITH TIME AND DATE SHOWN
- X RAIN GAUGE, PRECIPITATION REPORTING, ADJUSTABLE SHUTDOWN
- X HISTORIC WATER USAGE BY DAY AND MONTH
- X VFD FAULT/STARTER OVERLOAD FAULT SHUTDOWN
- X POWER OFF/ON ALERT
- X PUMP RAMP CYCLE
- X PUMP LOSS OF PRIME

**SAFETY FEATURES:**  
-PRESSURE DEMAND  
-TRANSIENT SURGE  
-LOSS OF PRIME  
-HIGH FLOW



- 1 4' X 4' FIBERGLASS REINFORCED ENCLOSURE WITH FOREST GREEN GELCOAT FINISH
- 2 GALV. STEEL DISCHARGE HEADER PIPE WITH GALV. ROLL GROOVE FITTINGS
- 3 CHECK VALVE
- 4 4' X 4' ALUMINUM SKID BOLTED TO CONCRETE PAD
- 5 PRESSURE TANK
- 6 8" SUBMERSIBLE PUMP/MOTOR IN WELL 10 HP
- 7 WELL SEAL
- 8 J-BOX WITH UL PVC CONDUIT TO CONTROL PANEL
- 9 PRESSURE TRANSDUCER
- 10 3" X 36" PVC SCHED 40 GROOVED END PIPE FOR CONNECTION TO IRRIGATION MAIN
- 11 4' X 4' X 4' PRECAST REINFORCED CONCRETE PAD 4,000 PSI STRENGTH AT 28 DAYS
- 12 DISCHARGE BUTTERFLY VALVE
- 13 VARIABLE FREQUENCY DRIVE
- 14 CONTROL PANEL ASSEMBLY UL LISTED 304 STAINLESS STEEL ENCLOSURE MAINTAIN 42" CLEARANCE
- 15 MASTER/SHUTOFF VALVE CONNECTED TO HOOVER FLOWGUARD & IRRIGATION CONTROLLER
- 16 LOCKABLE HANDLE
- 17 MAGNETIC FLOW METER
- 18 JUNCTION BOXES WITH 110VAC POWER AND MV CIRCUIT FOR IRRIGATION CONTRACTORS FURNISHED AND INSTALLED IRRIGATION CONTROLLER
- 19 FLOWGUARD RAIN GAUGE ON 8' POLE
- 20 ELECTRIC SERVICE CHASEWAY TO CONTROL PANEL FOR CONNECTION TO ELECTRIC SERVICE BY ELECTRICIAN
- 21 35 GALLON INJECTOR TANK AND PUMP STRAPPED & ANCHOR BOLTED TO UPSIZE 5' X 7' X 4" THICK PAD - OPTION
- 22 2ND MAG METER AS FLOW SENSOR OUTPUT IN JUNCTION BOX OUTSIDE ENCLOSURE FOR MAXI CONTROLLER CONNECTION BY IRRIGATION CONTRACTOR

ELECTRIC SERVICE TO BE IN ORDER OF PREFERENCE:  
480V 3-PHASE, 200V CLOSED-DELTA 3-PHASE,  
208 WYE 3-PHASE, 230 OPEN-DELTA 3-PHASE,  
230 1-PHASE, 208V 1-PHASE

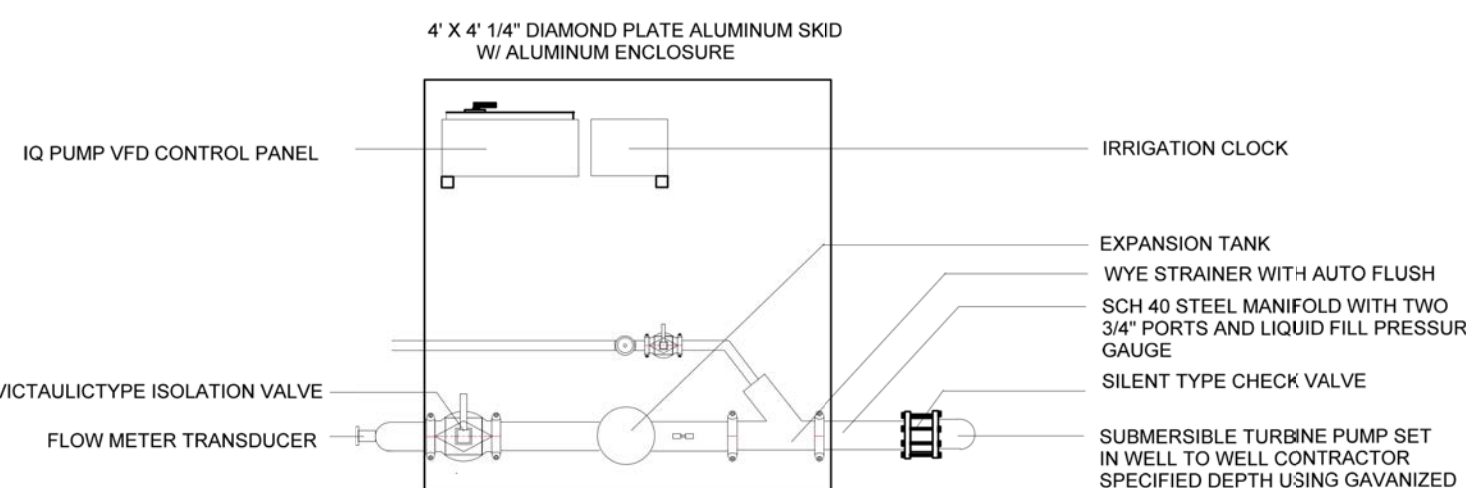
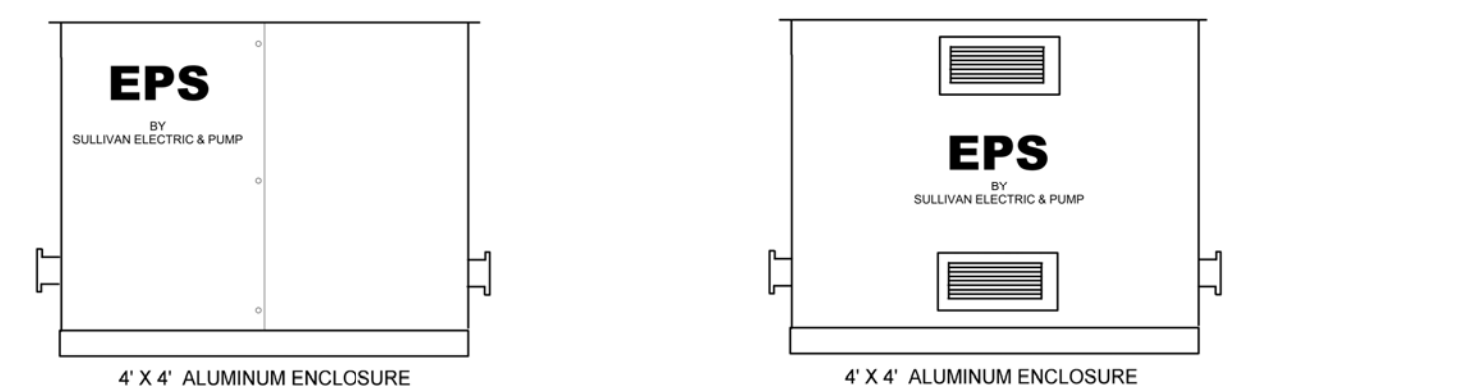
PUMP PERFORMANCE  
110 GPM @ 150 TDH, 65 PSI

NOTE: CITY OF PORT ST. LUCIE REQUIRES A 6 FT HT CHAIN LINK FENCE AROUND PUMP SYSTEM

HOOVER PUMPING MODEL: HSF-10PDV-230/3-M,R3,W,Z  
Pompano Beach, Florida, Tel. 954-971-7350  
FILE: PN16573.DWG 0123

**CITY OF PORT ST. LUCIE BECKER ROAD PUMP 1 & PUMP 2 PARCEL B AND C (RANGE LINE RD) SUBMERSIBLE PUMP SYSTEM DETAIL FIBERGLASS ENCLOSED WELL SUCTION VARIABLE FREQUENCY DRIVE (VFD) PRESSURE DEMAND HOOVER FLOWGUARD**

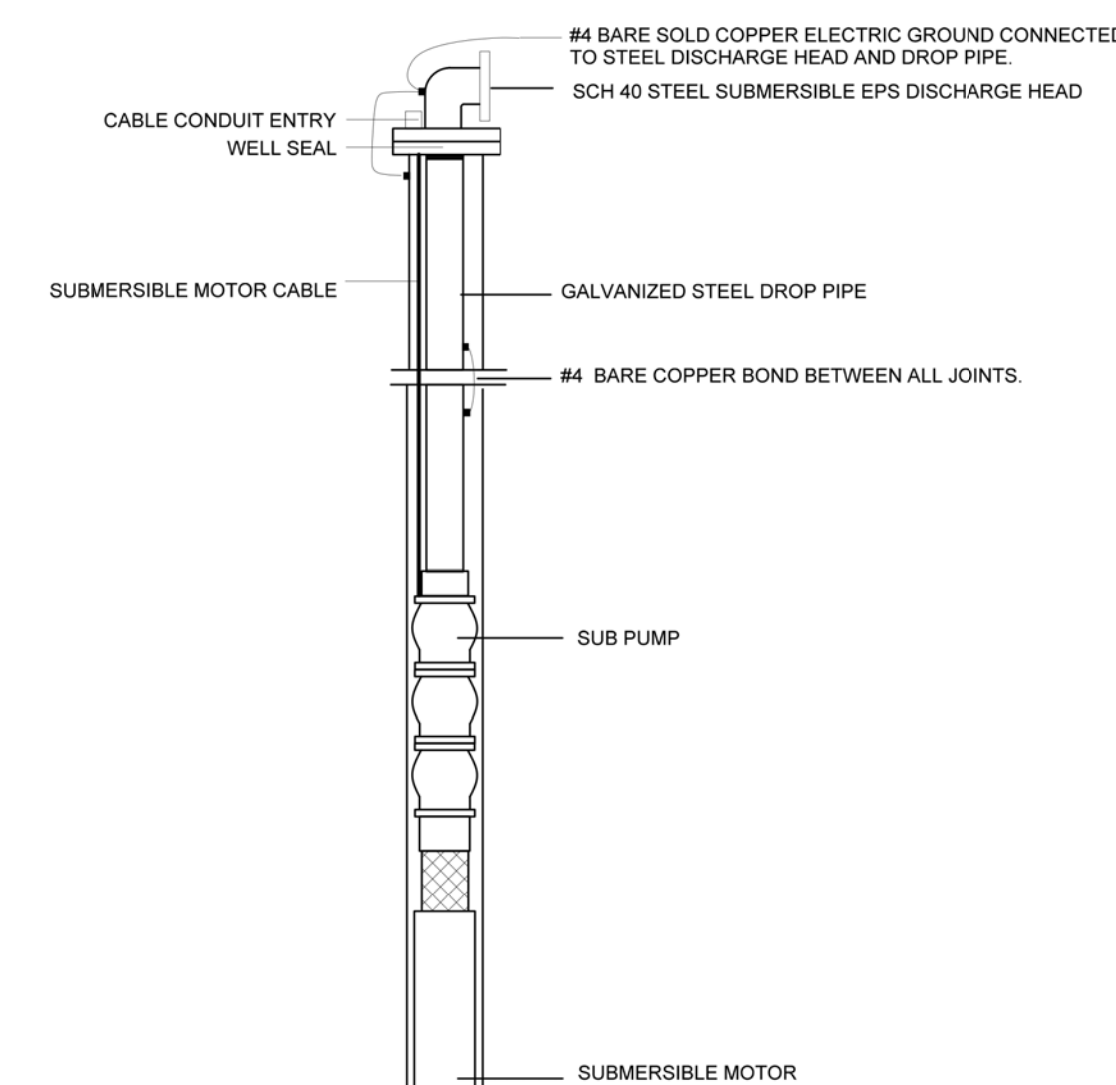
NOTE: HOOVER DOES NOT SUPPORT DISC FILTRATION FOR THIS APPLICATION.



EFFICIENT PUMP SYSTEM AS MANUFACTURED BY SULLIVAN ELECTRIC AND PUMP, INC. PHONE (800) 991-2770

PUMP CONDITIONS ARE: 150 GPM @ 200 TDH APPROXIMATE OPERATING PRESSURE : 70

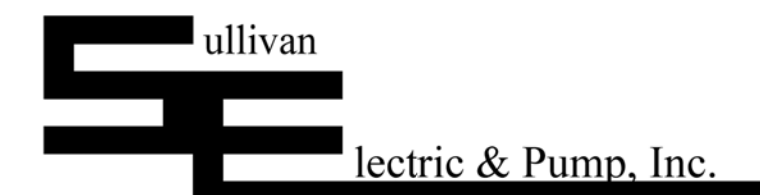
- HP : 10
- VOLTAGE : 480
- PHASE : 3 PHASE
- MINIMUM CIRCUIT AMPERAGE : 30
- WATER SOURCE: WELL MINIMUM 6"
- DROP PIPE: 3"
- CHECK VALVE: 3" IN LINE SILENT TYPE
- PUMP: GRUNDFOS SUBMERSIBLE TURBINE
- MOTOR: GRUNDFOS SUBMERSIBLE
- STATION DISCHARGE MANIFOLD: 3" SCH 40 STEEL VICTUALIC CONNECTED.
- FILTER: 3" WYE STRAINER WITH AUTOMATIC FLUSH.
- TANK: 2 GALLON EXPANSION TANK.
- DISCHARGE ISOLATION VALVE: 3" VICTUALIC.
- DISCHARGE: 3" STEEL BELOW GRADE WITH SMOOTH END PVC BELOW GRADE
- CONTROL: IQ PUMP VARIABLE FREQUENCY DRIVE
- CONTROL PANEL: ETL LISTED BUILT TO UL 508A SPECIFICATIONS.
- FLOW METER: 2208 BADGER TRANSDUCER.
- PUMP STATION ENCLOSURE: 4' X 4' X 50" ALUMINUM
- LOCKABLE HINGED DOOR ACCESS.
- PUMP STATION CONCRETE PAD: 5' X 5' X 4" STEEL RE-ENFORCED
- ETL LISTED AS PACKAGE PUMP STATION



**Industrial Control Panel**



**Sullivan Electric & Pump, Inc.**



**HOOVER SUBMERSIBLE PUMP STATION DETAIL (OR APPROVED EQUAL)**

**SULLIVAN 10HP PUMP (ALTERNATIVE PUMP STATION)**



PSLUSD# 5405  
PSL# P23-067  
**BECKER ROAD  
IRRIGATION PUMP  
DETAILS**

DESIGNED	JCO
DRAWN	DTS
APPROVED	JCO
JOB NUMBER	20-0518
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REVISIONS	02-09-23
	05-01-23

May 01, 2023 2:39:12 p.m.  
Drawing: 20-0518.LP.DWG

SHEET 16 OF 16

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