OLD DIXIE SEPTIC TO SEWER TOWN OF LAKE PARK, FL GRAVITY AND LOW PRESSURE FORCE MAIN PLANS

PREPARED FOR

TOWN OF LAKE PARK

10/25/2023 PROJECT LOCATION Dyer Park Winding Palm Beach Waters Shores Natural Area Peanut Riviera Beach Island Park Window Do PROJE Conflice Substati Horizon D **VICINITY MAP** NTS U.S. Army Reserve North Lake Care Center

My Precious Lillie's Home Childcare Facility

LOCATION MAP

NTS

Alamanda Way

SHEET INDEX:

COVER SHEET
I-15 ENGINEERING PLANS

-17 DETAILS

TOTAL NO. OF SHEETS - 17

NOT FOR CONSTRUCTION

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REVISIONS

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ADAM SWANEY, P.E. NO. 72235

TOWN OF LAKE PARK, FL D LOW PRESSURE FORCE MAIN PLAN

so N CONGRESS AVE, SUITE 101
IT PALM BEACH, FLORIDA 33409

 E
 9/1/2023

 MN
 STAFF

 ECT
 MK

 ECT
 ACS

and Projects R2/18187.27 Lake Park

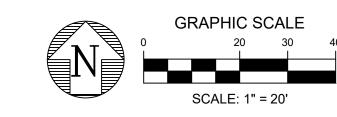
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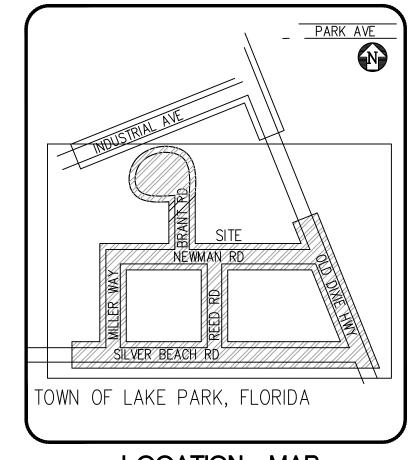
OZ

DRAWN

PROJECT

ENGINEER





LEGEND

0 PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION 00 PROPOSED OIL/GRIT SEPERATOR EXISTING SEPTIC TANK — FM — EXISTING FORCE MAIN — — WM— — EXISTING WATER MAIN ———— PROPERTY LINE

SANITARY MANHOLE

SANITARY CLEANOUT

CONFLICT TABLE SEPERATION CONFLICT # **BOTTOM OF PIPE** TOP OF PIPE EXST. 3" LPFM EL.=22.88' PROP. 6" SAN SRV EL.=21.47' EXST. 8" DIP WM EL.=22.23' | PROP. 6" SAN SRV EL.=21.23' EXST. 3" LPFM EL.=22.48' PROP. 6" SAN SRV EL.=21.47' 1'-0" EXST. 8" DIP WM EL.=22.30' | PROP. 6" SAN SRV EL.=21.30' 1'-0"

PROP. 8" DIP GSM EL.=19.56' EXST. 18" RCP STM EL.=17.17'

GENERAL NOTES:

- 1. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD.88) AND REFERENCE THE FOLLOWING PALM BEACH COUNTY BENCHMARK 'FRIDGE' HAVING AN ELEVATION OF 18.023 (NAVD88) AS PUBLISHED BY PALM BEACH COUNTY ENGINEERING. CONVERSION FACTOR FRIDGE: 13.103(NAVD88) + 1.524 = 14.627(NGVD29)
- 2. ALL AREAS DISTURBED BY CONSTRUCTION WHICH INCLUDES ALL DRIVEWAYS, PAVERS, ASPHALT, CONCRETE AND VEGETATION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 3. TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY GROUP, INC DATED AUGUST 4, 2023.
- 4. ALL REMOVED DEBRIS & DEMOLISHED MATERIAL TO BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
- 5. CONTRACTOR TO FIELD VERIFY LOCATION OF SEPTIC TANK PRIOR TO CONSTRUCTION. SEPTIC TANK ABANDONMENT AND CONNECTION TO PROPOSED SYSTEM SHALL OCCUR AFTER PBC HEALTH DEPARTMENT CLEARANCE OF THE NEW SEWER SYSTEM.

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1 STORY CE FFE=LOCKE	 INTERCEPT EXIST	APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED PER PBC HEALTH DEPT REQUIREMEN	6 CLF	A SPH. A SPH. BUIL
CONTRACTOR TO FIELD LOCATE SEPTIC TANK, INTERCEPT EXIST. SANITARY LINE TO SEPTIC SYSTEM & INSTALL CLEANOUT		RIM=22. S.INV.=17.06' (18"RC E.INV.=17.10' (18"RC BOTTOM=15.0	(P) \	EDGE OF PAVEMENT
APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED PER PBC HEALTH DEPT REQUIREMENTS	6" PVC SRV LINE 32 LF @ 1% CONFLICT #3	ASPHALT PARKING SAN C/O INV EL.=21.44' NOT A PART F THIS SURVEY CONFLICT #4 GRAVITY SE AND LPFM F		GRASS GRASS GRASS
CONFLICT #1 GATE SAN C/O	R/W LINE GATE GLE STATE R/W LINE GATE TYPE "F" CURB	SAN WYE SH INV EL.=19.96'		SURFACE ETM EATH OF THE PARTY O
INV EL.=21.85' - E-WM	E-WM E-WM E-WM E-WM E-WM O+50	EDGE OF PAVEMENT 2.3 PRN E-WM	1+50	RIM=22.83' INACCESSIBLE
INV EL.=20.26' (E)	SILVER BEACH ROAD 60' WIDE RIGHT-OF-WAY PB 28, PG 100 TYPE	SILVER BEACH RD	1+82	N.INV.=15.07' (18"RCP) W.INV.=15.50' (24"RCP) E.INV.=15.54' (18"RCP) BOTTOM=13.51'
V LINE	8" PVC SEWER 162 LF @ 0.42%	CONFLICT #5 INSTALL 8" DIP SEWER, CENTERED AROUND EXIST. DRAINAGE AND CONNECT TO PROP. MH 20 LF @ 0.42%	SEWER MH #2 RIM EL.=23.50' NAVD INV EL.=19.50' (W) INV EL.=19.40' (N)	DEN
ALESTATE HOLDINGS LLC W 37TH CT A1 -42-29-12-000-1290	1203 SILVER BEACH RD SILVER E	SAWPE REACH CITY OF LVER BEACH CITY OF 12-40-12-000-1240 R/W LINE	SHANNAE BANCEY 1234 W 37TH CT PCN 56-43-42-29-12-000-1220	POE BARKLEY 1224 W 37TH CT PCN 56-43-42-29-12-000-1200
	_,			

FIRESIDE DISTRIBUTORS INC

PCN 36-43-42-20-07-003-0080

SILVER BEACH COMMERCIAL LLC 1129 SILVER BEACH RD

PCN 36-43-42-20-07-003-0070

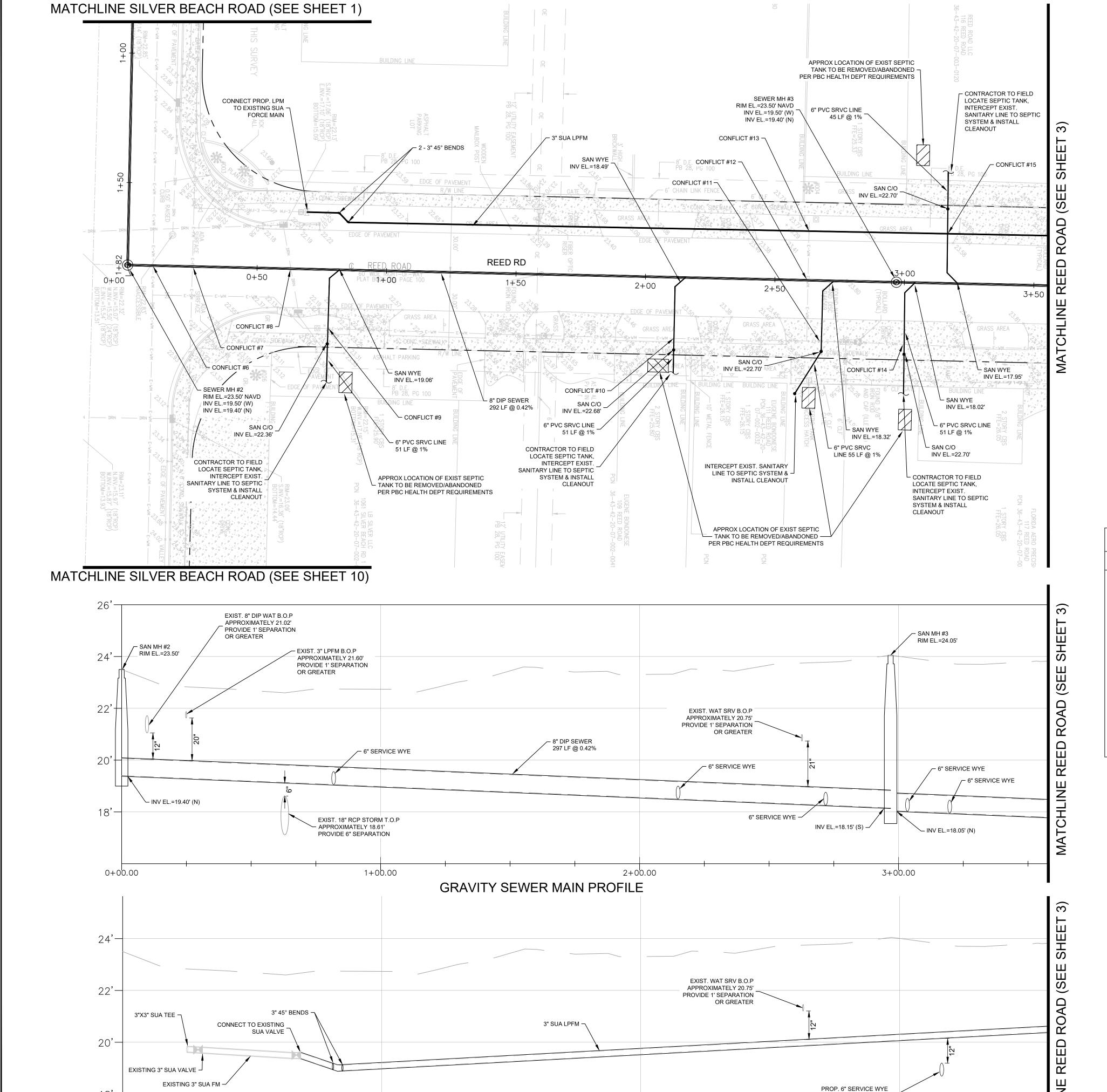
MATCHLINE REED ROAD (SEE SHEET 2)

			28
			26
SAN MH #1 RIM EL.=24.27'	- EXISTING SURFACE	SAN MH #2 RIM EL.=23.50'	24 Z
6" SERVICE WYE	8" PVC SEWER 162 LF @ 0.42%	8" DIS SEMER 7	MAICHLINE REED ROAD (SEE
	6" SERVICE WYE	20 LF @ 0.42%	N 1 1
INV EL.=20.26' (E)		EXIST. 18" RCP STORM T.O.P APPROXIMATELY 17.17' PROVIDE 1' SEPARATION	INV EL.=19.50' (W)
-00.00	1+00.00	OR GREATER	<u>+</u> 81.86

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CONSTRUCTION, NOT FOR

RE FORCE MAIN PLANS - SILVER BEACH ROAD



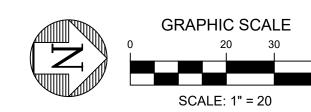
FORCE MAIN PROFILE

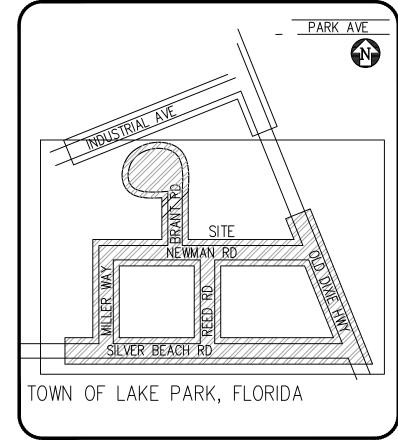
1+00.00

PROVIDE 12" VERTICAL -

SEPARATION

3+00.00





LOCATION MAP

LEGEND

PROPOSED GRINDER PUMP STATION
PROPOSED PRIVATE GRINDER PUMP STATION
PROPOSED OIL/GRIT SEPERATOR
EXISTING SEPTIC TANK
EXISTING FORCE MAIN
EXISTING WATER MAIN
PROPERTY LINE
SANITARY MANHOLE

SANITARY CLEANOUT

	CONFLICT TABLE				
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION		
6	EXST. 8" DIP WM EL.=21.02'	PROP. 8" DIP GSM EL.=20.02'	1'-0"		
7	EXST. 3" LPFM EL.=21.60'	PROP. 8" DIP GSM EL.=19.96'	1'-0''		
8	PROP. 8" DIP GSM EL.=19.14'	EXST. 18" RCP STM EL.=18.61'	0'-6"		
9	EXST. 6" AC WM EL.=20.08'	PROP. 6" SAN SRV EL.=19.31'	0'-9"		
10	EXST. 6" AC WM EL.=20.75'	PROP. 6" SAN SRV EL.=19.08"	1'-0''		
11	EXST. 6" AC WM EL.=20.50'	PROP. 6" SAN SRV EL.=19.00'	1'-6"		
12	EXST. (") WAT SRV EL.=20.75'	PROP. 8" DIP GSM EL.=18.98'	1'-9"		
13	EXST. (") WAT SRV EL.=20.75'	PROP. 3" LPFM EL.=19.75'	1'-0''		
14	EXST. 6" AC WM EL.=20.50'	PROP. 6" SAN SRV EL.=19.00'	1'-6"		
15	PROP. 3" LPFM EL.=21.40'	PROP. 6" SAN SRV EL.=18.90'	1'-6''		

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AAIN PLANS

ADAM SWANEY, P.E.

ROAD

ADAM SWANEY, P.E.

ENGENUIT

ENGENUIT

ADAM SWANEY, P.E.

ENGENUIT

GRAVITY AND LOW PRESSURE FORCE MAIN
TRI CITY INDUSTRIAL PARK - REED RO

A Higher Standard of Excellence - Control of Excellenc

Land Projects RZ/1818/27 Lake Park Septic to Sewer/1818/27 Sewe

TIMITIA DATE 06/19/2023

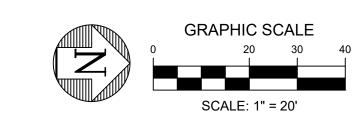
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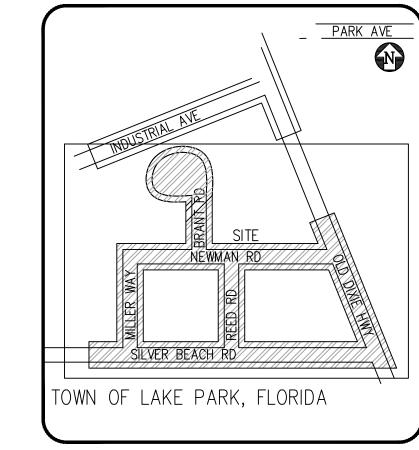
ENGINEER PARK Septic to Sewer/1818/27 Sewe

CONSTRUCTION, NOT FOR

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0+0'0.00





LEGEND PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION 00 PROPOSED OIL/GRIT SEPERATOR EXISTING SEPTIC TANK — FM — EXISTING FORCE MAIN — — WM— — EXISTING WATER MAIN — — — PROPERTY LINE SANITARY MANHOLE SANITARY CLEANOUT

CONFLICT TABLE				
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION	
16	EXST. (") WAT SRV EL.=21.25'	PROP. 8" PVC GSM EL.=18.45'	2'-10"	
17	EXST. (") WAT SRV EL.=21.25'	PROP. 3" LPFM EL.=20.25'	1'-0"	
18	EXST. (") WAT SRV EL.=21.25'	PROP. 8" PVC GSM EL.=18.33'	2'-11"	
19	EXST. (") WAT SRV EL.=21.25'	PROP. 3" LPFM EL.=20.25'	1'-0"	
28	PROP. 3" LPFM EL.=21.93'	EXST. (") LPFM EL.=20.79'	1'-2"	
31	PROP. 3" LPFM EL.=20.48'	PROP. 8" PVC GSM EL.=17.48'	3'-0"	

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INTERCEPT EXIST. SANITARY
LINE TO SEPTIC SYSTEM & ¬
INSTALL CLEANOUT

6" PVC SRVC LINE

INV EL.=22.70'

4+50 ROV

292 LF @ 0.42%

- 8" PVC SEWER 270 LF @ 0.42%

GRAVITY SEWER MAIN PROFILE

DESIGNED HIGHPOINT OF

PROP. 6" SERVICE WYE PROVIDE 12" VERTICAL -

SEPARATION

FORCE MAIN PROFILE

LPFM, CONSTRUCT AIR -

RELEASE

APPROX LOCATION OF EXIST SEPTIC

2)

ED

2)

CONFLICT #17

CONFLICT #16

TANK TO BE REMOVED/ABANDONED -PER PBC HEALTH DEPT REQUIREMENTS

CONFLICT #19

EXIST. WAT SRV B.O.P

OR GREATER

4+00.00

4+00.00

EXIST. WAT SRV B.O.P

OR GREATER

APPROXIMATELY 20.75'

PROVIDE 1' SEPARATION

APPROXIMATELY 21.25'

EXIST. WAT SRV B.O.P APPROXIMATELY 21.25' PROVIDE 1' SEPARATION

EXIST. WAT SRV B.O.P

OR GREATER

APPROXIMATELY 20.75'

PROVIDE 1' SEPARATION

OR GREATER

3" SUA LPFM -

LPFM AND GSM 🕏

SEE SHEET 7

HIGHPOINT OF SUA LPFM CONSTRUCT AIR RELEASE

┌─ 6" SERVICE WYE

5+50

SAN MH #4 RIM EL.=24.90'

3" 45° BEND LPFM CONTINUES —

PROP. 8" PVC GSM PROVIDE 12" MINIMUM -VERTICAL SEPARATION

ON SHEET 7

CONFLICT #31

CONFLICT #28

SEWER MH #4

RIM EL.=24.90' NAVD

INV EL.=16.91' (S) -INV EL.=20.53' (E)

INV EL.=16.81' (W)

5+00

- SAN WYE INV EL.=17.20'

EDGE OF PAVEMENT

REED RD

OGE OF PAVEMENT

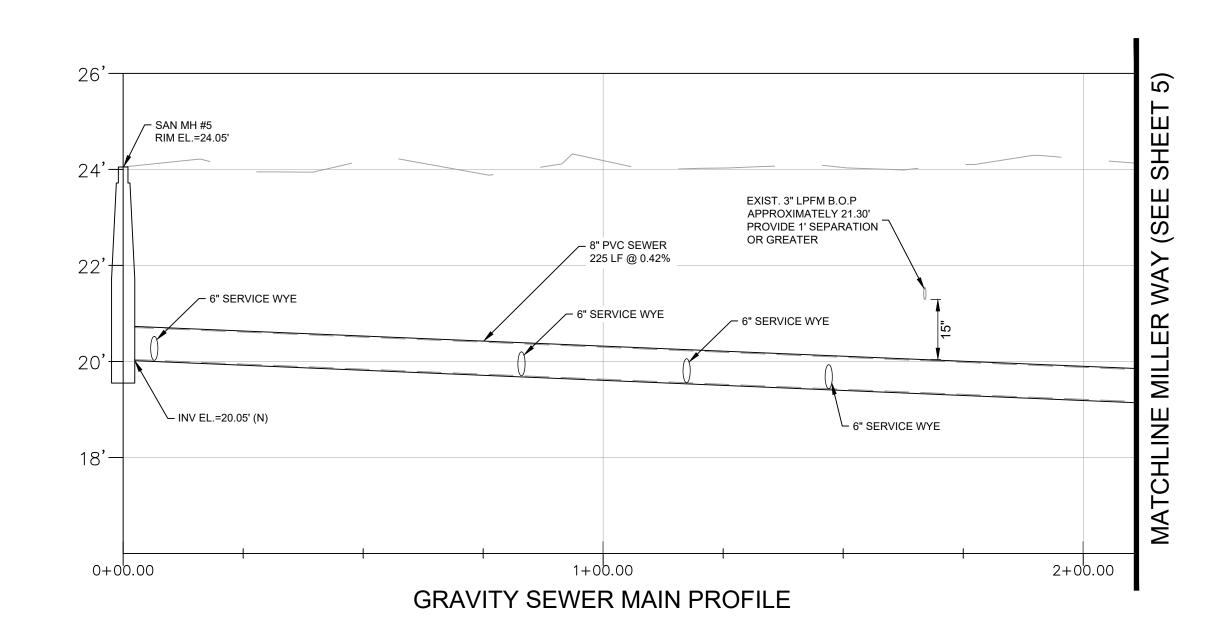
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MAIN

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED —
PER PBC HEALTH DEPT REQUIREMENTS

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- CONTRACTOR TO FIELD -LOCATE SEPTIC TANK, INTERCEPT EXIST.

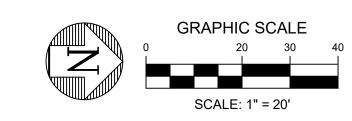
SANITARY LINE TO SEPTIC

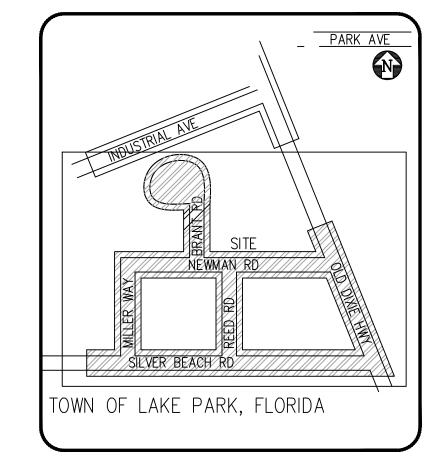
SYSTEM & INSTALL

APPROX LOCATION OF EXIST SEPTIC

PER PBC HEALTH DEPT REQUIREMENTS

└ TANK TO BE REMOVED/ABANDONED





LOCATION MAP

LEGEND

	PROPOSED GRINDER PUMP STATION
	PROPOSED PRIVATE GRINDER PUMP STATION
00	PROPOSED OIL/GRIT SEPERATOR
	EXISTING SEPTIC TANK
— — FM — —	EXISTING FORCE MAIN
WM	EXISTING WATER MAIN
	PROPERTY LINE
(S)	SANITARY MANHOLE

SANITARY CLEANOUT

CONFLICT TABLE				
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION	
20	EXST. 4" AC WM EL.=22.50'	PROP. 6" SAN SRV EL.=21.50'	1'-0"	
21	EXST. 6" FIRE EL.=22.33'	PROP. 8" PVC GSM EL.=20.02'	2'-4"	
22	EXST. 4" AC WM EL.=21.67'	PROP. 6" SAN SRV EL.=20.67'	1'-0"	

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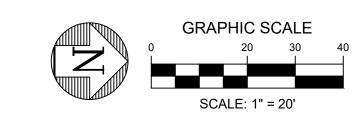
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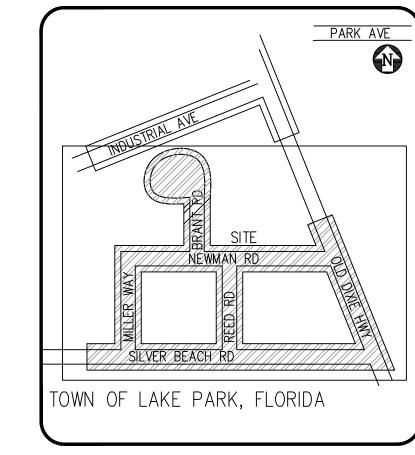
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LEGEND

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	CONFLIC	CT TABLE	
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION
23	EXST. 4" AC WM EL.=20.70'	PROP. 6" SAN SRV EL.=19.70'	1'-0"
24	EXST. (") WAT SRV EL.=21.30'	PROP. 8" PVC GSM EL.=19.53'	1'-9"
25	EXST. 4" AC WM EL.=22.00'	PROP. 6" SAN SRV EL.=21.00'	1'-0"

EXST. (") WAT SRV EL.=21.60' PROP. 8" PVC GSM EL.=18.98'

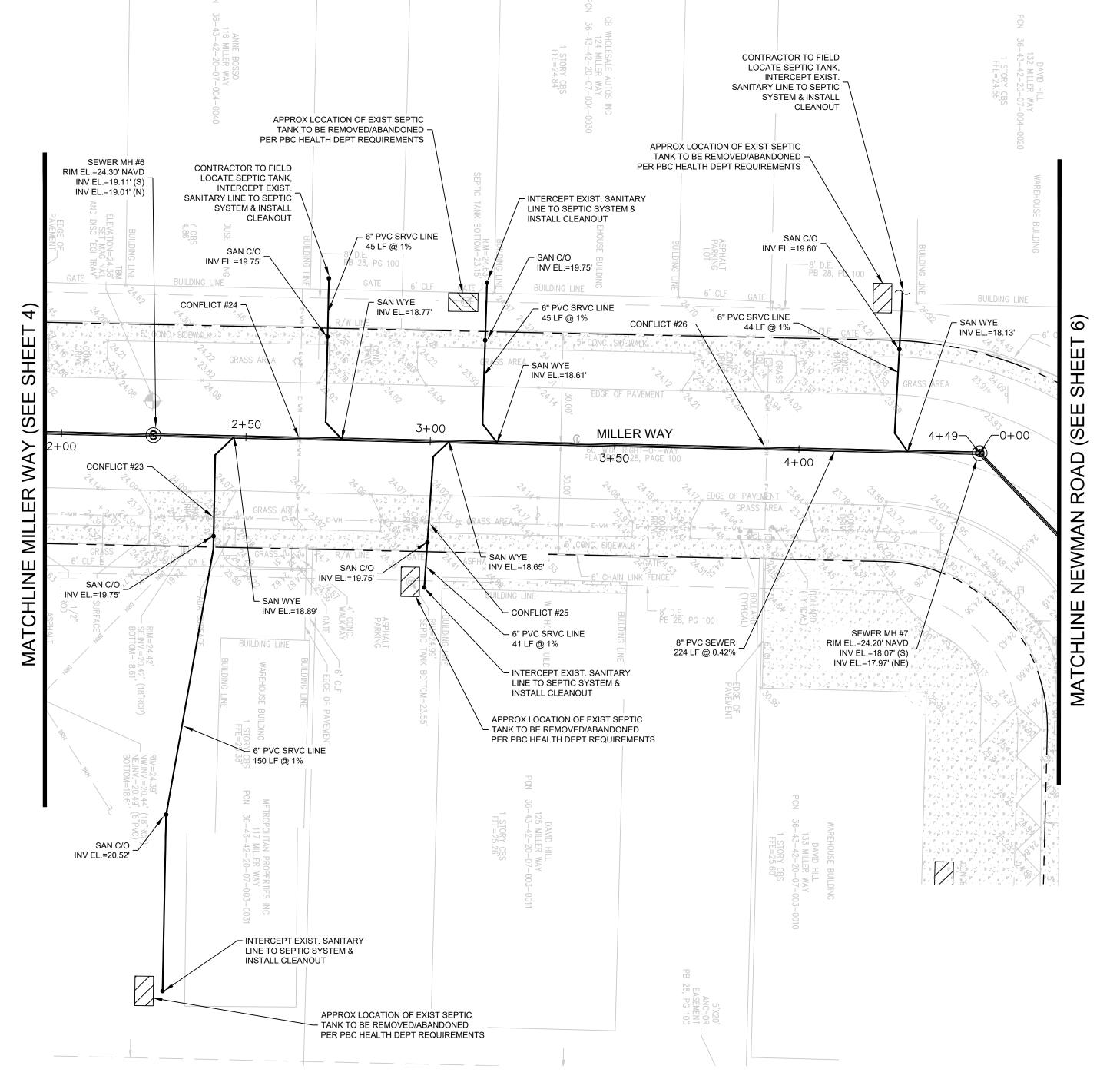
GENERAL NOTES:

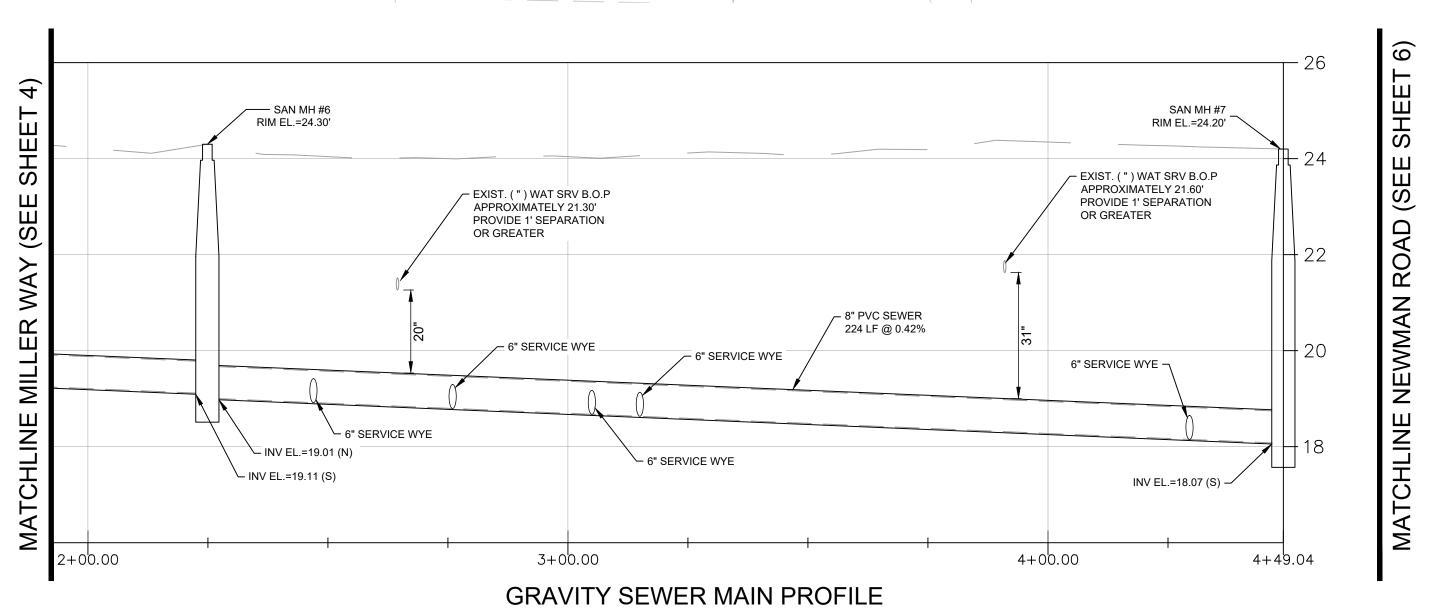
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Call before you dig.	J:\La			B N 87	o. .27	7
Know what's below.	nd Projects R2\7	NTWWH		5	1	17
m	J:\Land Projects R2\18187.27 Lake Park Septic	DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	
	ark Septic	0				





CONSTRUCTION, NOT FOR

ANS

7

FLORIDA AERO PRECISION 210 NEWMAN ROAD PCN 36-43-42-20-07-005-0120

8" PVC SEWER

184 LF @ 0.42% ⁻

2+00

2+50

1 STORY CBS FFF=25 29'

SAN MH #9 RIM EL.=25.00'

INV EL.=16.63' (W) -

INV EL.=16.50' (E) -

HLINE

SEWER MH #9 RIM EL.=25.00' NAVD INV EL.=16.63' (W) -

INV EL.=16.50' (E)

INV EL.=16.40' (N)

~ 8" PVC SEWER 190 LF @ 0.42%

2+00.00

FLORIDA AERO PRECISION 210 NEWMAN ROAD PCN 36-43-42-20-07-005-0120

ASPHALT PARKING LOT

- CONFLICT #35

INV EL.=17.24'

- INTERCEPT EXIST. SANITARY LINE TO SEPTIC SYSTEM &

INSTALL CLEANOUT

- 6" SERVICE WYE

GRAVITY SEWER MAIN PROFILE

← 6" SERVICE WYE

- SAN WYE

INV EL.=17.26'

CONTRACTOR TO FIELD LOCATE SEPTIC TANK, INTERCEPT EXIST SANITARY LINE TO SEPTIC SYSTEM & INSTALL CLEANOUT

6" PVC SRVC LINE

INV EL.=22.25'

CONFLICT #27

SAN C/O

133 MILLER WAY PCN 36-43-42-20-07-003-0010

> EXIST. 4" AC WM B.O.P APPROXIMATELY 21.22'

OR GREATER

- 8" DIP SEWER 35 LF @ 0.42%

1+00.00

PROVIDE 1' SEPARATION

INV EL.=22.25'

6" PVC SRVC LINE

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED ~

– SAN MH #8 RIM EL.=24.40'

/- 8" PVC SEWER

└─ INV EL.=17.97' (NE) INV EL.=17.67' (SW) —

71 LF @ 0.42%

PER PBC HEALTH DEPT REQUIREMENTS

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED -PER PBC HEALTH DEPT REQUIREMENTS

INSTALL 40 LF 8" DIP SEWER @0.42%, CONNECT TO PROP.

MH AND EXTEND 10' PAST

SEWER MH #8

RIM EL.=24.40' NAVD INV EL.=17.67' (SW)

_ 71 LF @ 0.42% [¯]

MATCHLINE MILLER WAY (SEE SHEET 5)

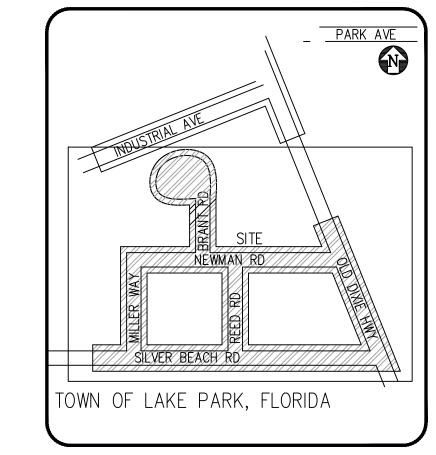
─ SAN MH #7 RIM EL.=24.20'

SEWER MH #7 RIM EL.=24.20' NAVD INV EL.=18.07' (S) INV EL.=17.97' (NE)

SEE SHEET 5 FOR MILLER WAY -

GSM AND LATERALS

INV EL.=17.57' (E)



LOCATION MAP
N.T.S.

LEGEND

PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION 00 PROPOSED OIL/GRIT SEPERATOR **EXISTING SEPTIC TANK** EXISTING FORCE MAIN

— - FM — —	EXISTING FORCE MAIN
WM	EXISTING WATER MAIN
	PROPERTY LINE
S	SANITARY MANHOLE
•	SANITARY CLEANOUT

CONFLICT TABLE BOTTOM OF PIPE TOP OF PIPE SEPERATION CONFLICT # EXST. 4" WAT SRV EL.=21.22' | PROP. 8" PVC GSM EL.=18.13' 3'-1" EXST. 4" AC WM EL.=21.30' PROP. 6" SAN SRV EL.=20.05' 1'-3"

GENERAL NOTES:

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- 2. ALL AREAS DISTURBED BY CONSTRUCTION WHICH INCLUDES ALL DRIVEWAYS, PAVERS, ASPHALT, CONCRETE

FRIDGE: 13.103(NAVD88) + 1.524 = 14.627(NGVD29)

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NOT FOR CONSTRUCTION

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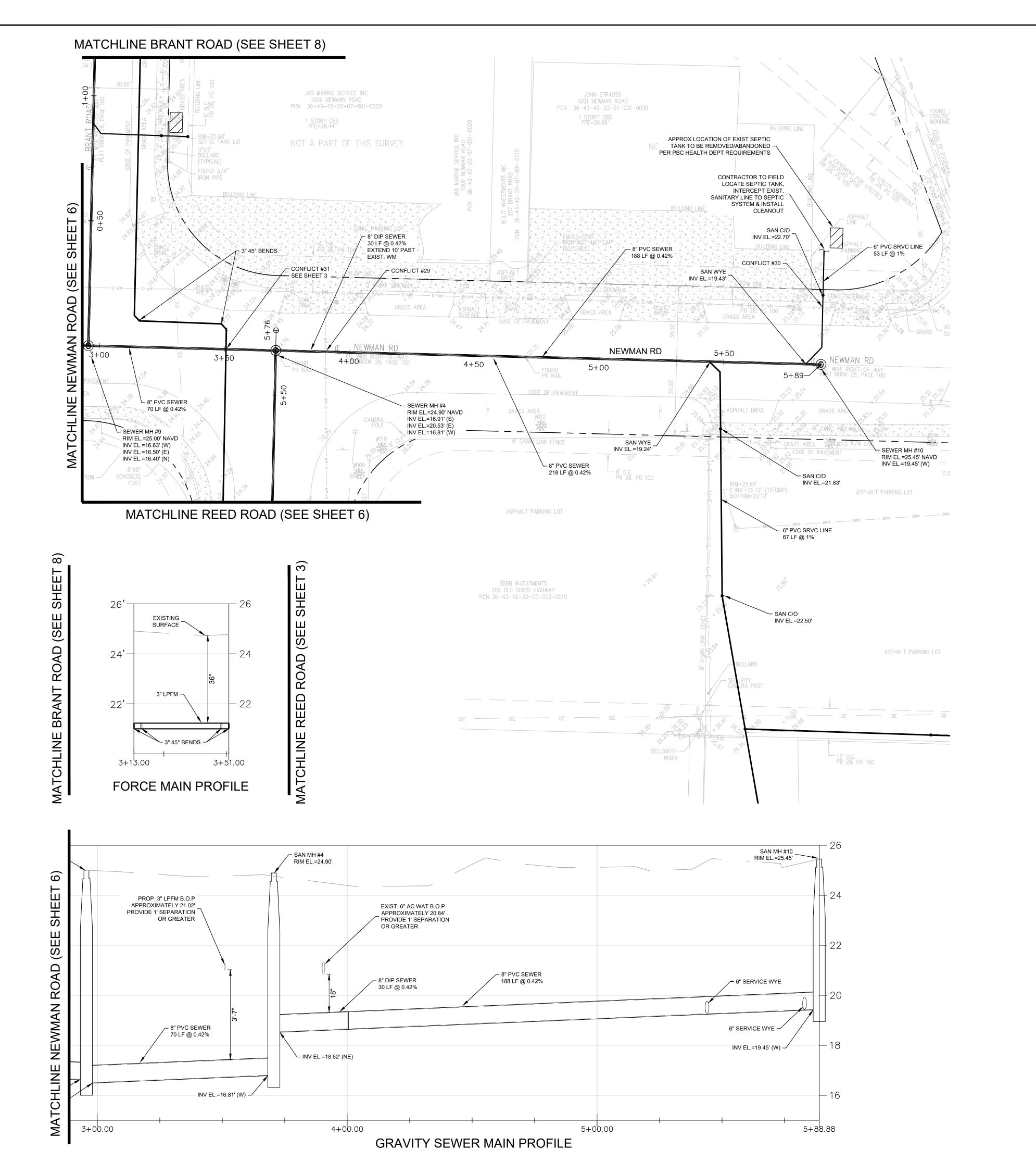
Call before you dig. 18187.27 CONSTRUCTION, NOT FOR

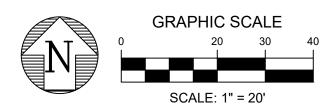
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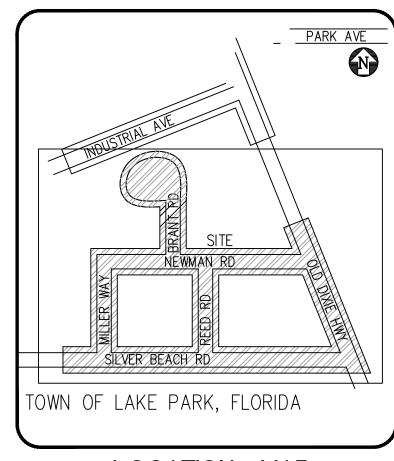
REAL ESTATE INC MAN ROAD

REAL ESTATE INC

MAN ROAD

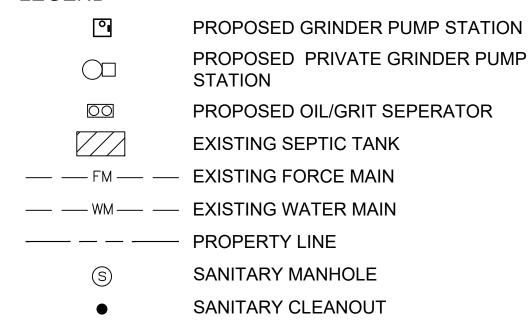






PLANS

LEGEND



CONFLICT TABLE				
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION	
29	EXST. 6" AC WM EL.=20.84'	PROP. 8" DIP GSM EL.=19.34'	1'-6"	
30	EXST. 8" DIP WM EL.=22.23'	PROP. 6" SAN SRV EL.=19.43'	1'-10"	

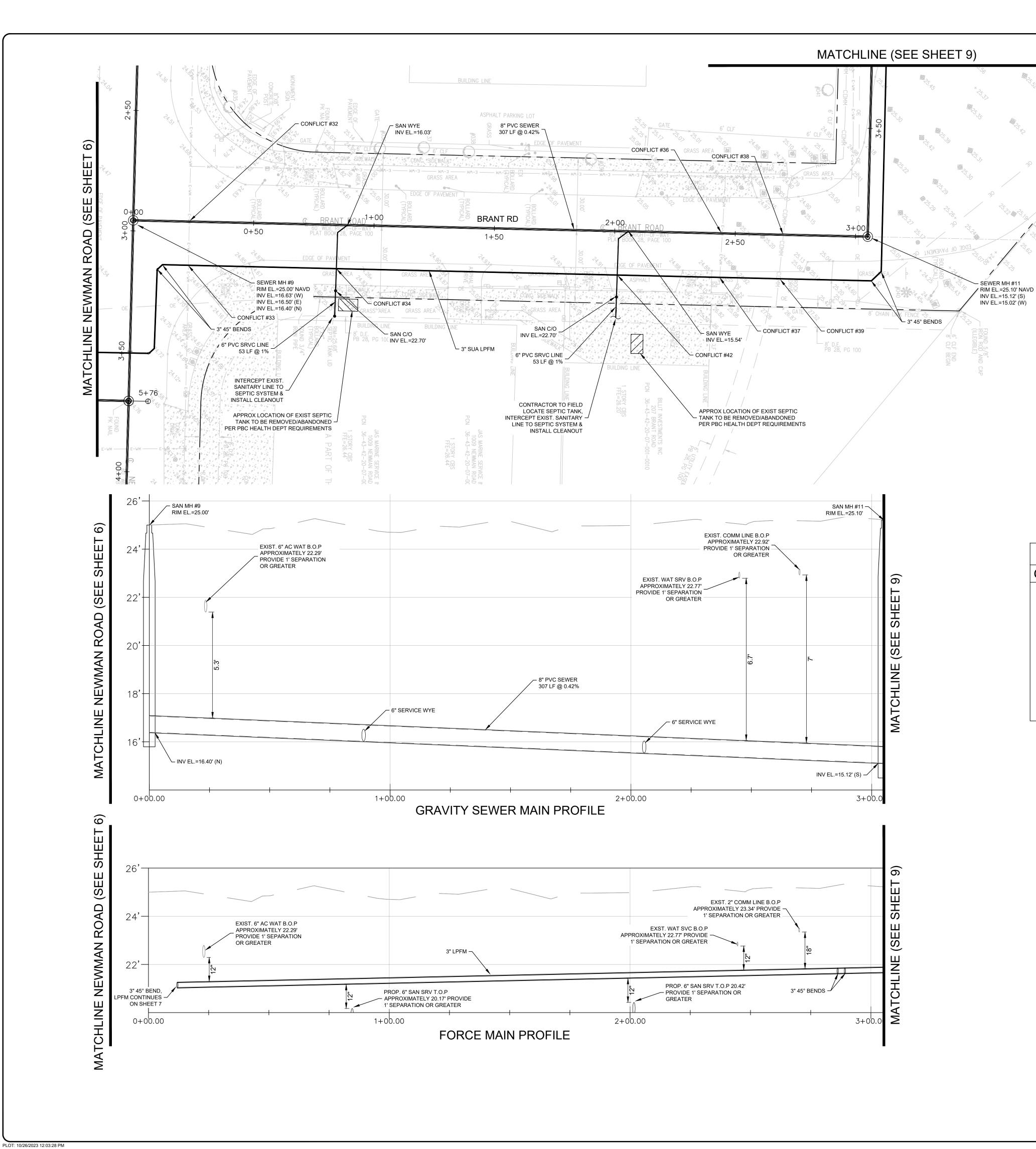
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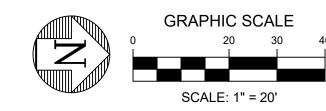
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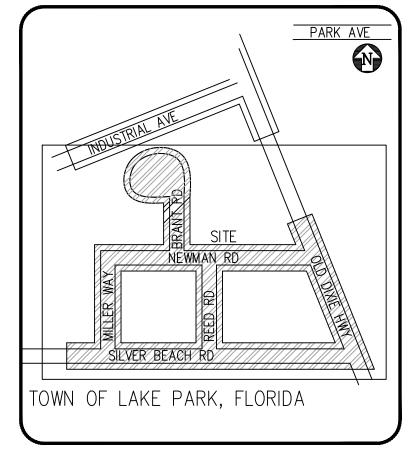
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LEGEND PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION 00 PROPOSED OIL/GRIT SEPERATOR **EXISTING SEPTIC TANK** — FM — EXISTING FORCE MAIN — — WM— — EXISTING WATER MAIN

SANITARY MANHOLE SANITARY CLEANOUT

----- PROPERTY LINE

	CONFLICT TABLE				
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION		
32	EXST. 6" AC WM EL.=22.29'	PROP. 8" PVC GSM EL.=21.47'	5'-4"		
33	EXST. 6" AC WM EL.=22.29'	PROP. 3" LPFM EL.=21.23'	1'-0"		
34	EXST. 3" LPFM EL.=20.17'	PROP. 6" SAN SRV EL.=21.17'	1'-0"		
36	EXST. (") WAT SRV EL.=22.77'	PROP. 8" PVC GSM EL.=16.06'	6'-9"		
37	EXST. (") WAT SRV EL.=22.77'	PROP. 3" LPFM EL.=21.77'	1'-0"		
38	EXST. COMM LINE EL.=22.92'	PROP. 8" PVC GSM EL.=15.96'	7'-0"		
39	EXST. COMM LINE EL.=22.92'	PROP. 3" LPFM EL.=21.82'	1'-1"		
42	PROP. 3" LPFM EL.=21.42'	PROP. 6" SAN SRV EL.=20.42'	1'-0"		

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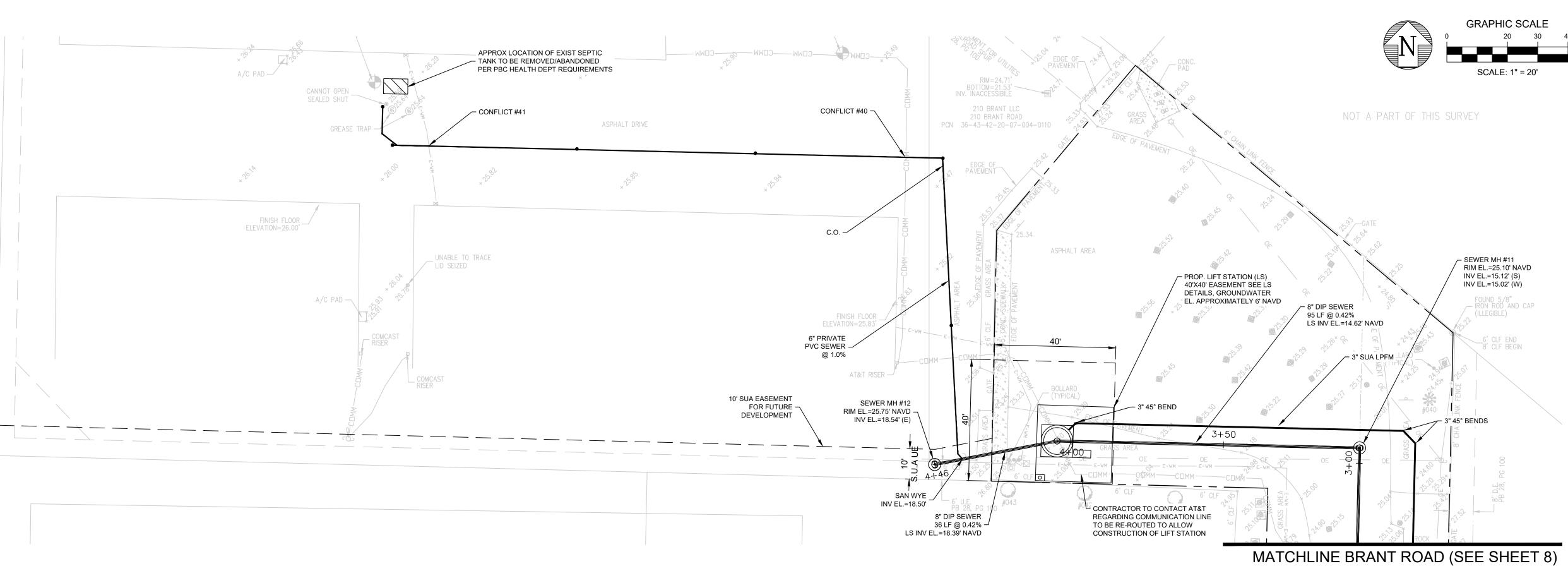
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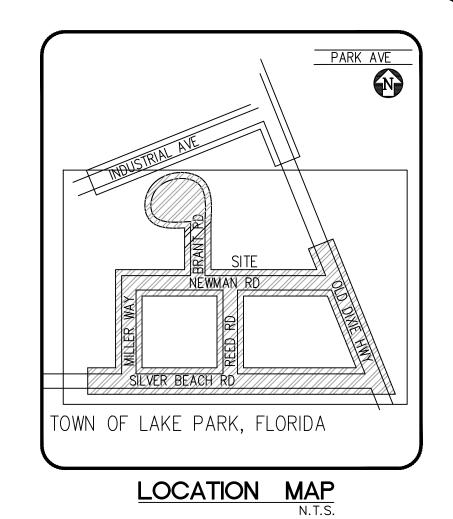
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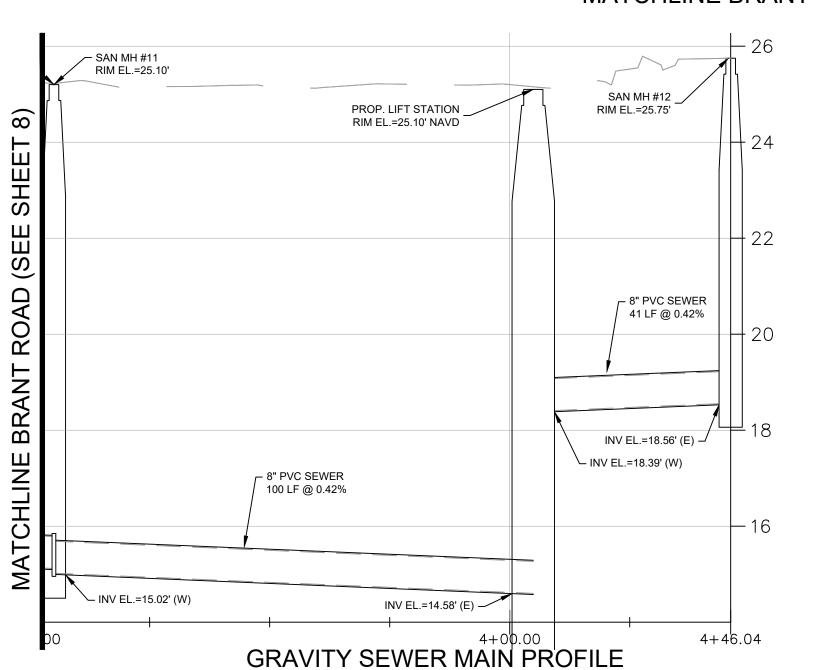
CONFLICT TABLE			
CONFLICT #	BOTTOM OF PIPE	TOP OF PIPE	SEPERATION
40	EXST. 3" LPFM EL.=22.88'	PROP. 6" SAN SRV EL.=21.47"	1'-5"
41	EXST. WAT SRV EL.=23.26'	PROP. 6" SAN SRV EL.=22.26'	1'-0"

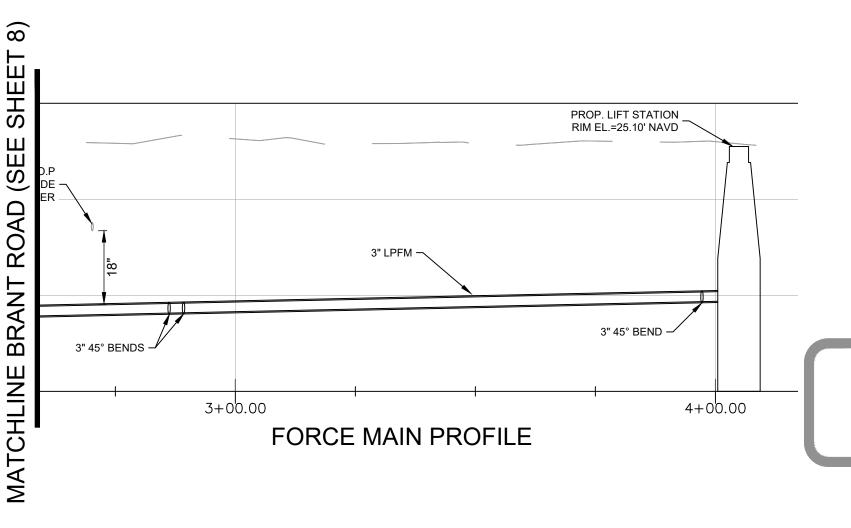
LEGEND

PLOT: 10/26/2023 12:03:33 PM

PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION 00 PROPOSED OIL/GRIT SEPERATOR EXISTING SEPTIC TANK — FM — EXISTING FORCE MAIN — — WM — EXISTING WATER MAIN PROPERTY LINE SANITARY MANHOLE

SANITARY CLEANOUT





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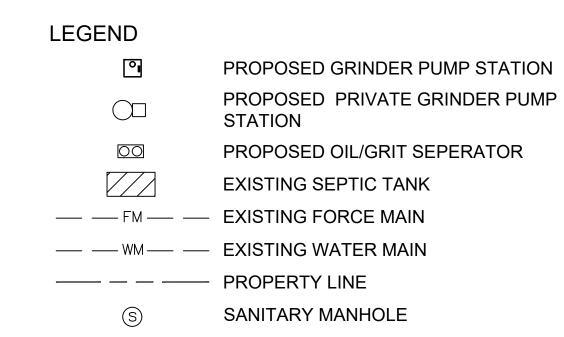
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PROP. PRIVATE GRINDER ¬ LIFT STATION TO CONNECT TO EXISTING FORCE MAIN

2" PRIVATE LPM -

- SW.INV.=8.65' (18"RCP)

BOTTOM=6.96'

APPROX LOCATION OF EXIST SEPTIC

PER PBC HEALTH DEPT REQUIREMENTS

TANK TO BE REMOVED/ABANDONED

SANITARY CLEANOUT

GENERAL NOTES:

AACURATE ORGANIZATION 1211 1129

FCN 36-43-42-20-07-004-0060

1 STORY CBS FFE=INACCESABILE(GATE LOCKED)

CONSTRUCT 45° DOUBLE

WYE AND CONNECT TO EXISTING SUA FORCE

PROP. PRIVATE GRINDER -

LIFT STATION TO CONNECT

2" PRIVATE LPM -

CONFLICT

APPROX LOCATION OF EXIST SEPTIC

NOT A P PER PBC HEALTH DEPT REQUIREMENTS

CONTRACTOR TO FIELD LOCATE

WAT SERVICE LINE AND PROVIDE

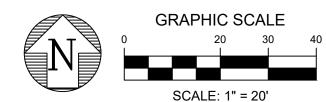
12" VERTICAL SEPARATION

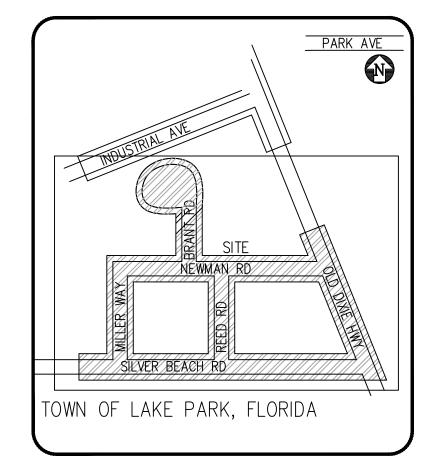
SILVER BEACH RD

TANK TO BE REMOVED/ABANDONED -

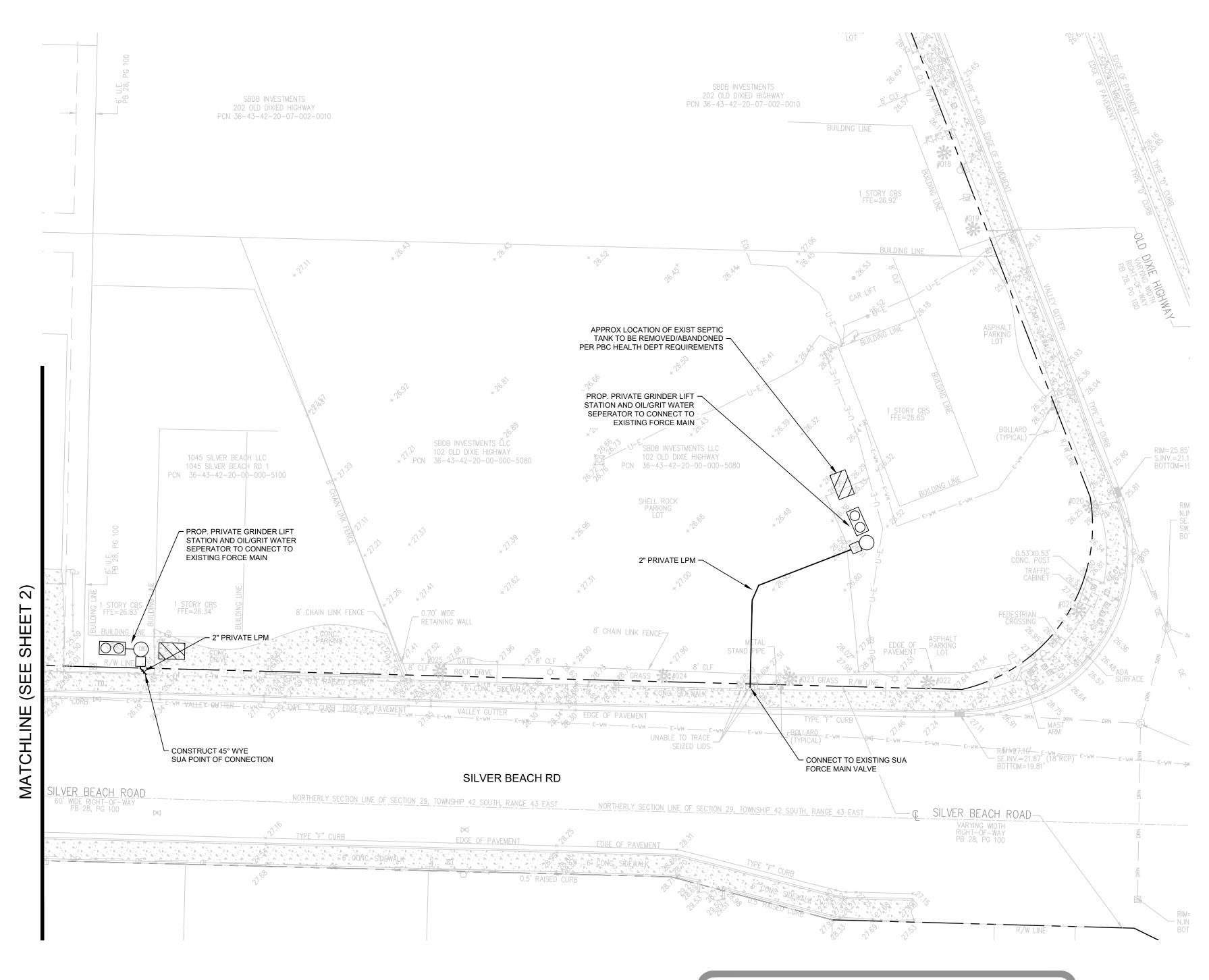
TO EXISTING FORCE MAIN

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LOCATION MAP



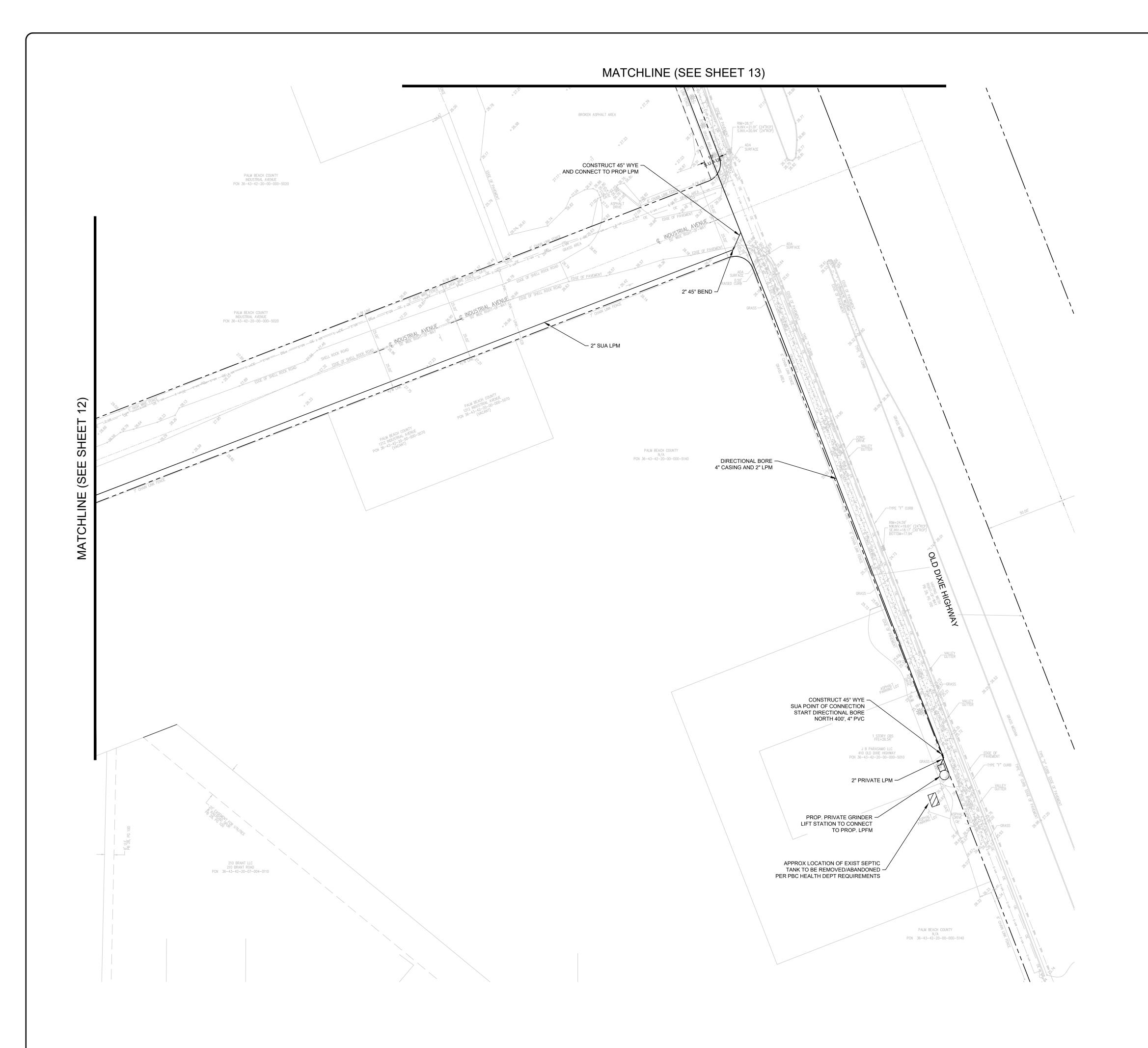
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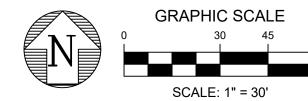
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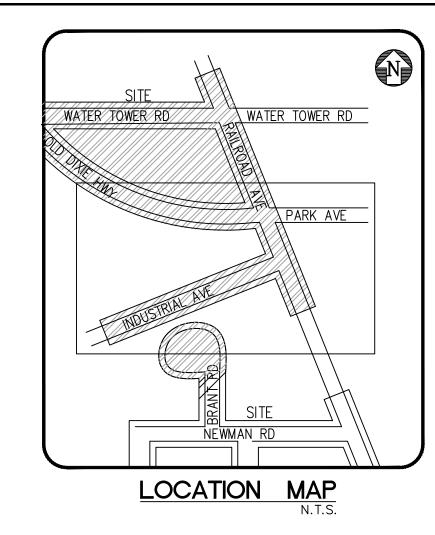
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CONSTRUCTION, NOT FOR



PLOT: 10/26/2023 12:03:42 PM





LEGEND

PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION 00 PROPOSED OIL/GRIT SEPERATOR EXISTING SEPTIC TANK — — FM — — EXISTING FORCE MAIN — — WM— — EXISTING WATER MAIN — — — PROPERTY LINE SANITARY MANHOLE SANITARY CLEANOUT

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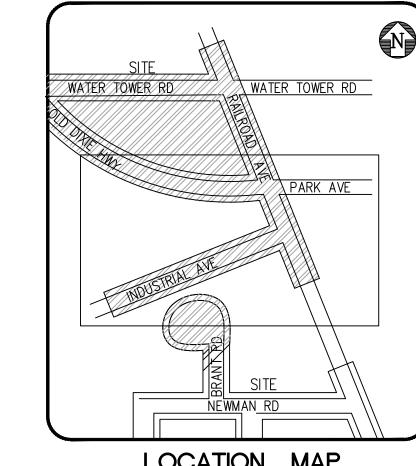
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PALM BEACH COUNTY INDUSTRIAL AVENUE PCN 36-43-42-20-00-000-502

NOT A PART OF THIS SURVEY

PALM BEACH COUNTY N/A PCN 36-43-42-20-00-000-5130

NOT A PART OF THIS SURVEY



LOCATION MAP

LEGEND PROPOSED GRINDER PUMP STATION STATION 00 PROPOSED OIL/GRIT SEPERATOR **EXISTING SEPTIC TANK** — — FM — EXISTING FORCE MAIN — — WM — EXISTING WATER MAIN ----- PROPERTY LINE SANITARY MANHOLE

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PLOT: 10/26/2023 12:03:47 PM

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED

PROP. PRIVATE GRINDER LIFT STATION TO CONNECT TO PROP. LPM

2" PRIVATE LPM -

CONSTRUCT 45° WYE SUA POINT OF CONNECTION

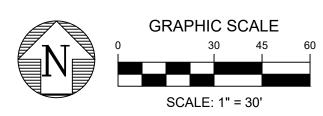
PER PBC HEALTH DEPT REQUIREMENTS

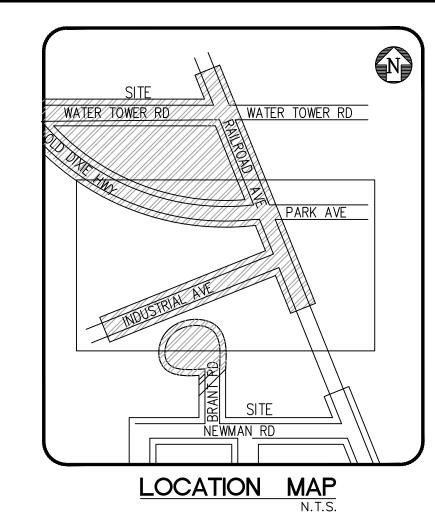
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CONSTRUCTION, NOT FOR

PROPOSED PRIVATE GRINDER PUMP SANITARY CLEANOUT

PLOT: 10/26/2023 12:03:52 PM





LEGEND

PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION PROPOSED OIL/GRIT SEPERATOR 00 **EXISTING SEPTIC TANK** — FM — EXISTING FORCE MAIN — — WM — EXISTING WATER MAIN —— — PROPERTY LINE SANITARY MANHOLE

SANITARY CLEANOUT

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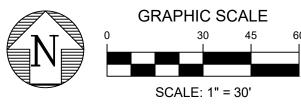
NOT FOR CONSTRUCTION

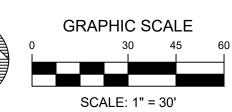
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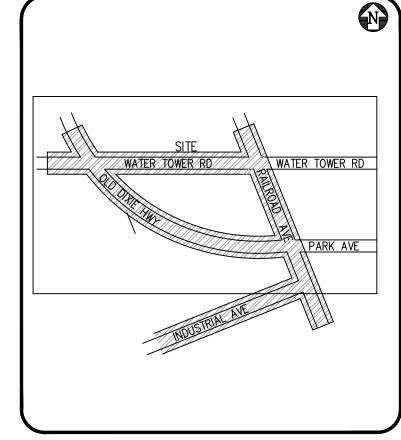
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LEGEND

PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP

STATION

00 PROPOSED OIL/GRIT SEPERATOR EXISTING SEPTIC TANK

— — WM — EXISTING WATER MAIN

SANITARY MANHOLE

—— — — PROPERTY LINE

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JOB NO. Call before you dig. 18187.27

PLOT: 10/26/2023 12:03:57 PM

MATCHLINE (SEE SHEET 15)

2" SUA LPM -

8" DIP WM

FINE LINE CONSTRUCTION CONTRACTORS INC 1125 OLD DIXIE HIGHWAY ORB 5236, PG 1023

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED —

> PROP. PRIVATE GRINDER LIFT -STATION TO CONNECT TO

CONSTRUCT 45° WYE
SUA POINT OF CONNECTION

CONSTRUCT 8"X6" TEE —

2 - 8" GATE VALVE

1 - 6" GATE VALVE

6 LF 6" DIP FIRE LINE 🚽

INSTALL FIRE HYDRANT

PROP. LPM

PER PBC HEALTH DEPT REQUIREMENTS

NOT A PART OF THIS SURVEY

NOT A PART OF THIS SURVEY

WATER TOWER ROAD \
30' WIDE RIGHT-OF-WAY
RPB 5, PG 34

CONSTRUCT 45° WYE

CONFLICT CONTRACTOR TO PROVIDE

12" VERTICAL SEPARATION -BETWEEN BOTTOM OF WM

AND TOP OF PRIVATE FM

SUA POINT OF CONNECTION

AND PLUG AT PROPERTY LINE

FOR FUTURE DEVELOPMENT

3.4' RETAINING__/ CBS WALL

VARYING HEIGHT. RETAINING CBS WALL ASPHALT PARKING

VARYING HEIGHT. RETAINING CBS WALL

CONTRACTOR TO FIELD LOCATE COMMUNICATION LINE AND

CONNECT 8" DIP TO EXISTING SUA

- WM AND CONSTRUCT 8" GATE

CONNECT PROP. LPM

TO EXIST. STRUCTURE

VALVE

PROVIDE 12" VERTICAL SEPARATION

APPROX LOCATION OF EXIST SEPTIC - TANK TO BE REMOVED/ABANDONED

PROP. PRIVATE GRINDER LIFT - STATION TO CONNECT TO

PROP. LPM

– 2" PRIVATE LPM

CONSTRUCT 45° WYE

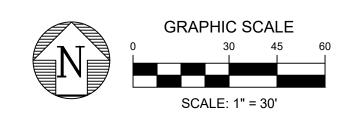
SUA POINT OF CONNECTION

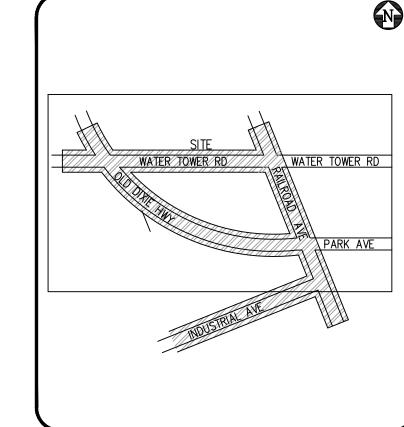
PER PBC HEALTH DEPT REQUIREMENTS

1133 DIXIE HOLDINGS LLC 1133 OLD DIXIE HIGHWAY ORB 28539, PG 1948

PARKIN 2" 45° BENDS

— FM — EXISTING FORCE MAIN SANITARY CLEANOUT





LOCATION MAP

LEGEND

00

PROPOSED GRINDER PUMP STATION PROPOSED PRIVATE GRINDER PUMP STATION PROPOSED OIL/GRIT SEPERATOR

SANITARY CLEANOUT

EXISTING SEPTIC TANK — — FM — — EXISTING FORCE MAIN

— — WM — EXISTING WATER MAIN

---- PROPERTY LINE SANITARY MANHOLE

GENERAL NOTES:

- 1. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD.88) AND REFERENCE THE FOLLOWING PALM BEACH COUNTY BENCHMARK 'FRIDGE' HAVING AN ELEVATION OF 18.023 (NAVD88) AS PUBLISHED BY PALM BEACH COUNTY ENGINEERING. CONVERSION FACTOR
- 2. ALL AREAS DISTURBED BY CONSTRUCTION WHICH INCLUDES ALL DRIVEWAYS, PAVERS, ASPHALT, CONCRETE AND VEGETATION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 3. TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY GROUP, INC DATED AUGUST 4, 2023.

FRIDGE: 13.103(NAVD88) + 1.524 = 14.627(NGVD29)

- 4. ALL REMOVED DEBRIS & DEMOLISHED MATERIAL TO BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
- 5. CONTRACTOR TO FIELD VERIFY LOCATION OF SEPTIC TANK PRIOR TO CONSTRUCTION. SEPTIC TANK ABANDONMENT AND CONNECTION TO PROPOSED SYSTEM SHALL OCCUR AFTER PBC HEALTH DEPARTMENT CLEARANCE OF THE NEW SEWER SYSTEM.

NOT FOR CONSTRUCTION

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CONSTRUCTION, NOT FOR

18187.27

PLOT: 10/26/2023 12:04:02 PM

1 STORY CBS FFE=33.90'

BUILDING LINE

CONNECT TO EXISTING

CONSTRUCT 45° WYE 2" PRIVATE LPM -SUA POINT OF CONNECTION

PROP. PRIVATE GRINDER LIFT - STATION TO CONNECT TO

PROP. LPM

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED PER PBC HEALTH DEPT REQUIREMENTS

APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED — PER PBC HEALTH DEPT REQUIREMENTS PROP. PRIVATE GRINDER LIFT -STATION TO CONNECT TO PROP. LPM CONSTRUCT 45° WYE SUA POINT OF CONNECTION 2" PRIVATE LPM -FOUND 5/8"

IRON ROD & CAP
LB#4569

1 STORY CBS FFE=29.89' CONSTRUCT 45° WYE SUA POINT OF CONNECTION APPROX LOCATION OF EXIST SEPTIC TANK TO BE REMOVED/ABANDONED -PER PBC HEALTH DEPT REQUIREMENTS

PROP. PRIVATE GRINDER LIFT -

STATION AND OIL/GRIT WATER SEPERATOR TO

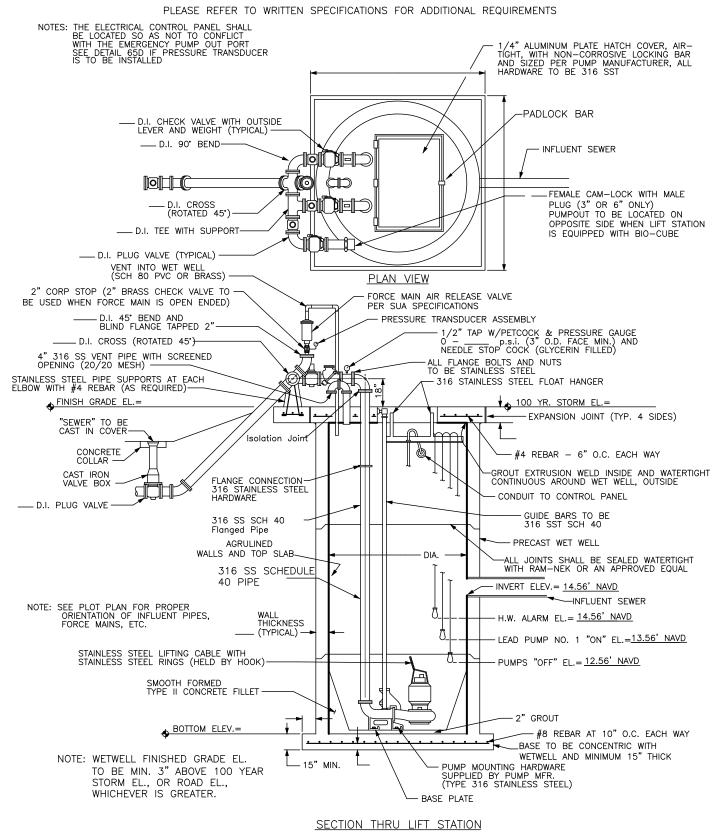
CONNECT TO PROP. LPM CONSTRUCT 45° WYE SUA POINT OF CONNECTION ← 2" SUA LPFM

APPROX LOCATION OF EXIST SEPTIC CONSTRUCT 45° WYE TANK TO BE REMOVED/ABANDONED -1 STORY CBS FFE=33.95'

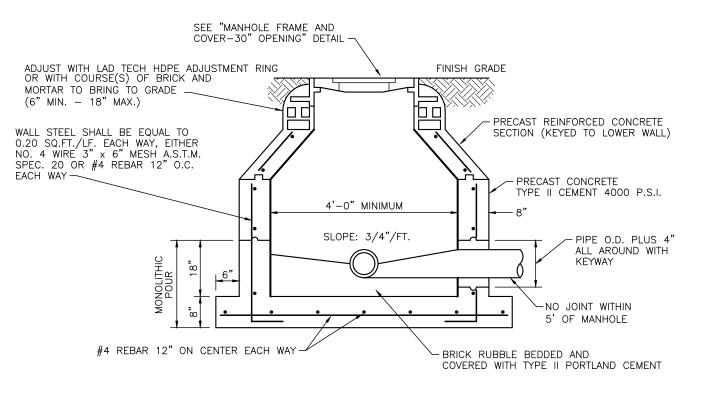
2" PRIVATE LPM SUA POINT OF CONNECTION PER PBC HEALTH DEPT REQUIREMENTS PROP. PRIVATE GRINDER LIFT -STATION TO CONNECT TO

MATCHLINE (SEE SHEET 14)

PROP. LPM



Lift Station Detail



AUGUST 26, 2020 (Rev E-23)

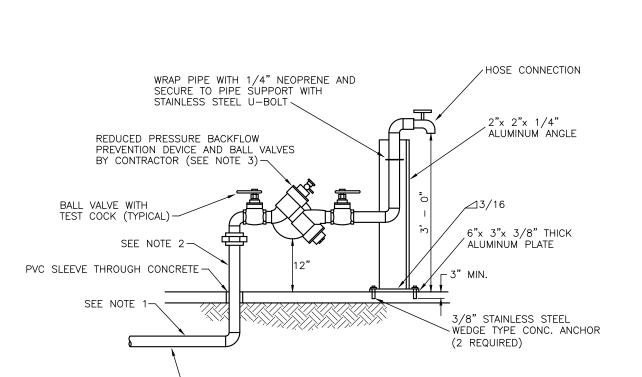
NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

- 1. MANHOLES SHALL CONFORM TO A.S.T.M. C478.(MIN.)
- 2. WALL REINFORCEMENTS A.S.T.M. DESIGNATION A185-64.(LATEST REVISION)(MIN.)
- 3. IF TWO CAGES OF WIRE MESH ARE USED, ONE SHALL BE POSITIONED 3" FROM THE INSIDE SURFACE AND ONE 3" FROM THE OUTSIDE SURFACE. IF A SINGLE CAGE OR REBAR IS USED, IT SHALL BE CENTERED WITHIN WALL THICKNESS. NO EXPOSED STEEL SHALL BE PERMITTED.
- 4. LIFT HOLES THROUGH PRECAST STRUCTURE ARE PERMITTED.
- 5. A MINIMUM OF SEVEN DAYS CURE TIME IS REQUIRED PRIOR TO DELIVERY.
- 6. ALL PIPE HOLES SHALL BE PRECAST OR CORE DRILLED. OVERSIZED HOLES WILL BE REJECTED.
- 7. ANY VISIBLE REINFORCING WIRE, STEEL OR HONEYCOMBS SHALL BE CAUSE FOR REJECTION.
- 8. SEE TECHNICAL SPECIFICATIONS FOR BEDDING REQUIREMENTS.
- 9. "RAM-NEK" OR APPROVED EQUAL AT ALL RISER JOINTS (1/2" THICK WITH WIDTH AT LEAST 1/2 THE WALL THICKNESS) WITH GROUT ON INSIDE AND OUTSIDE.
- 10. ALL OPENINGS SHALL BE SEALED USING ONLY TYPE II PORTLAND CEMENT/SAND MORTAR AND POTABLE WATER FOR MUD WORK ON JOINTS, LIFTING HOLES, INVERTS, ETC. WHEN AN ACCELERATOR IS NECESSARY, "ANTI HYDRO" IS THE ONLY
- 11. BRICK MASONRY CONSTRUCTION TO BE STUCCOED WITH 3/4" TYPE II CEMENT INSIDE AND OUTSIDE, AND INSIDE TO BE COATED WITH TWO COATS OF KOPPERS 300 OR APPROVED EQUAL.
- 12. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO FLOW STREAM, AND COATED WITH TWO COATS OF KOPPERS 300 OR APPROVED EQUAL
- 13. INTERIOR OF ALL SANITARY MANHOLES SHALL HAVE AGRU SURE GRIP CONCRETE PROTECTIVE LINER INSTALLED AT THE TIME OF MANUFACTURING. SEE "AGRU SURE GRIP LINER DETAILS" DRAWING FOR ADDITIONAL AGRU SURE GRIP REQUIREMENTS.

AUGUST 26, 2020 (Rev B-18)

Standard Precast Manhole

Sewer Service Connection (Wye Branch) AUGUST 26, 2020 (Rev A-15)



NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

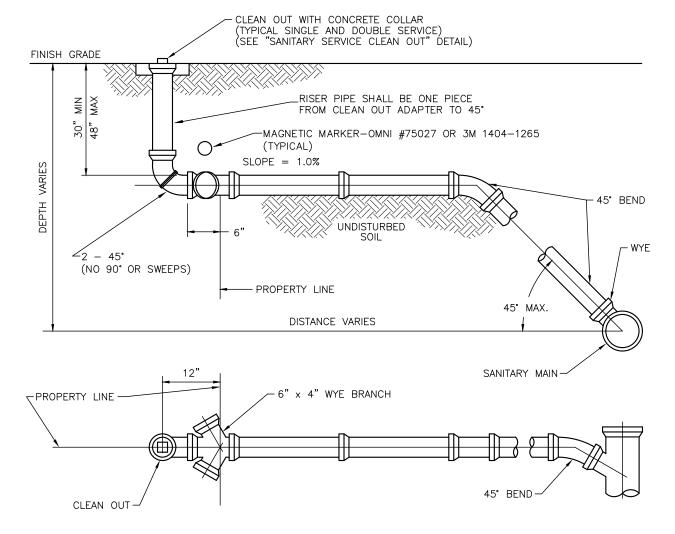
- 1. TYPE "K" COPPER TUBING (SOFT DRAWN).
- 2. BOTH RISERS SHALL BE TYPE "K" COPPER TUBING (HARD DRAWN) WITH COPPER/BRASS SOLDER FITTINGS AND ADAPTERS. ONLY LEAD FREE PIPE, FITTINGS, VALVES, SOLDER AND FLUX SHALL BE PERMITTED.

-TO METER LOCATED IN GREEN

AREA OUTSIDE FENCED AREA

- . APPROVED BACKFLOW PREVENTION DEVICES WITH SILICONE RUBBER SEAL RINGS OR DISCS: A.) WATTS MODEL LF919 3/4" TO 2" B.) AMES MODEL LF4000B 3/4" TO 2' C.) WILKINS 975 XL2 3/4" TO 2"
- D.) APOLLO MODEL RPLF4A 3/4" TO 2" 4. BACKFLOW PREVENTION DEVICE SHALL BE EQUIPPED WITH BALL VALVES.
- 5. FOR PLACEMENT OF BACKFLOW ASSEMBLY WITHIN FENCED AREA SEE "TYPICAL LIFT STATION SITE PLAN" DETAIL.
- 6. BACKFLOW PREVENTION DEVICE SHALL BE SUPPORTED AT BOTH RISERS WITH ALUMINUM ANGLE AS SHOWN ABOVE. RISERS TO BE SECURED TO ANGLE WITH TYPE 304 SST MOUNTING HARDWARE AND NEOPRENE INSULATORS.

Lift Station Backflow Preventer Assembly AUGUST 26, 2020 (Rev D-23)



NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

- 1. THE END OF EACH SERVICE CONNECTION SHALL BE MARKED WITH A 2" x 2" TREATED WOOD STAKE AND AN E.M.S.
- 2. EACH SERVICE CONNECTION SHALL BE PLUGGED WATERTIGHT WITH AN APPROVED CAP OR PLUG.
- 3. CUT OFF BELL END WHEN USING FERNCO COUPLING FOR VCP (FOR EXISTING SERVICES ONLY)
- 4. FOR PVC INSTALLATIONS, CONNECT TO EXISTING "BELL END" AND CONNECT OPPOSITE END WITH PVC TO PVC KNOCK ON
- 5. SOLIDLY TAMP BACKFILL AT LEAST ONE FOOT ABOVE TOP OF PIPE. SERVICES UNDER PAVED AREAS SHALL BE BACKFILLED TO THE SAME SPECIFICATIONS AS SHOWN ON "PAVEMENT REPLACEMENT" DETAIL.
- 6. CONTRACTOR SHALL MARK ON A CLEAN SET OF PLANS THE FINAL STATIONING OR DISTANCE AND DIRECTION FROM MANHOLE
- TO EACH SERVICE LATERAL AND GIVE TO ENGINEER FOR RECORD DRAWING PURPOSES. 7. ANY DEVIATION FROM THESE METHODS MUST BE APPROVED BY SUA.
- 8. THE USE OF UNNECESSARY FITTINGS ON THE CUSTOMERS LINE TO REDUCE EXCAVATION EFFORTS WILL BE CAUSE FOR
- 9. THE USE OF 90' SWEEPS ON THE CUSTOMERS LINE IN LIEU OF 45' BENDS WILL REQUIRE AN ADDITIONAL CLEAN OUT AS SHOWN ON "SANITARY SERVICE CLEAN OUT DETAIL". THE CLEAN OUT SHALL BE ON THE HOUSE SIDE OF THE TOP SWEEP

- CONCRETE COLLAR (SEE "SANITARY SERVICE CLEAN OUT" DETAIL) AÚGUST 26, 2020 (Rev A-15) - WORDS "OIL SEPARATOR" OR "OIL

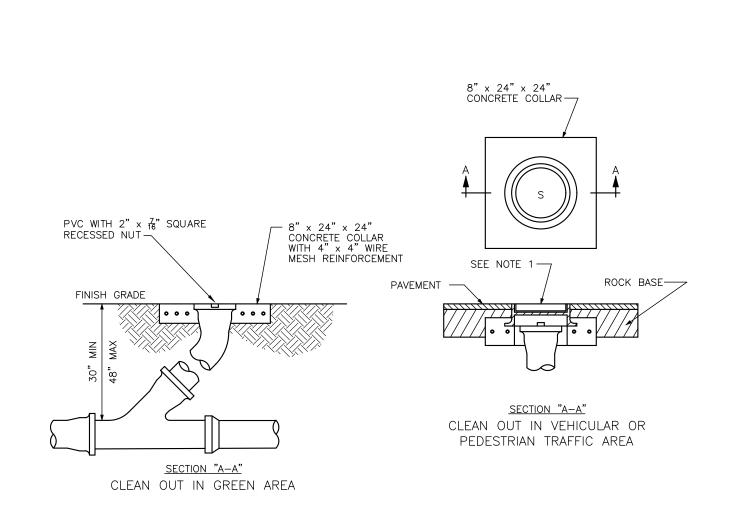
INTERCEPTOR" TO BE CAST IN COVER

ADJUST WITH LAD TECH HDPE -- BRING CLEAN OUT TO GRADE ADJUSTMENT RING OR WITH COURSE(S) (TYPICAL BOTH INFLUENT - RING AND COVER (HEAVY DUTY) OF BRICK AND MORTAR TO BRING TO AND EFFLUENT LINES) GRADE (6" MIN. - 18" MAX.) D (SEE NOTE 2) \neg \leftarrow BRICK MASONRY(TYPICAL) ∠2 WAY CLEAN OUT OUTLET OPENING WITH LID TO BE GROUTED—/ INSIDE AND OUT WITH TYPE II PORTLAND WATER LEVEL RUBBER BOOT (FILL OPENING AROUND BOOT INSIDE & OUT WITH TYPE II PORTLAND CEMENT/SAND MORTAR CEMENT/SAND MORTAR 60% OF TOTAL WIDTH ─ 4" CONCRETE BAFFLE

NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

- 1. SHOP DRAWINGS FOR PRECAST TANKS SHALL BEAR THE FOLLOWING STATEMENT: "THIS CONCRETE STRUCTURE MEETS OR EXCEEDS ALL THE REQUIREMENTS FOR GREASE INTERCEPTORS/SEPTIC TANKS AS IN THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 10D-6 AND 64E-6, AND SUA "SPECIFICATIONS AND STANDARDS". THE SHOP DRAWINGS (3 COPIES MINIMUM) SHALL THEN BE SIGNED AND SEALED BY THE ENGINEER OF RECORD AND FORWARDED TO SUA FOR APPROVAL.
- LID TYPES: A) 4" REGULAR LID B) 8" TRAFFIC BEARING LID
- 3. INTERIOR PIPING SHALL BE SOLVENT WELD PVC PIPE.
- 4. ALL TANKS IN TRAFFIC AREA SHALL BE H20 WHEEL LOAD BEARING.
- 5. INSPECTION OF TANK REQUIRED BY SUA PRIOR TO PLACEMENT.
- 6. INSPECTION OF TANK REQUIRED BY SUA AFTER TANK IS PIPED.

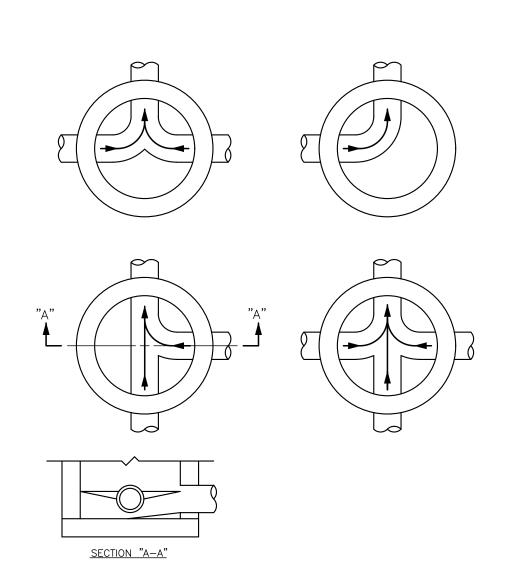
Oil Separator AUGUST 26, 2020 (Rev B-18)



NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

- 1. U.S. FOUNDRY NO. 7621 REVERSIBLE HANDHOLE RING AND COVER OR APPROVED EQUAL SHALL BE USED, COVER TO BE CAST WITH "S" IN THE CENTER.
- 2. CLEAN OUT REQUIRED ON ALL SERVICES AT PROPERTY LINE OR EASEMENT LINE WHERE APPLICABLE.
- 3. STANDARD WYE SHALL BE USED AT CLEAN OUT.

Sanitary Service Clean Out
AUGUST 26, 2020 (Rev C-20)



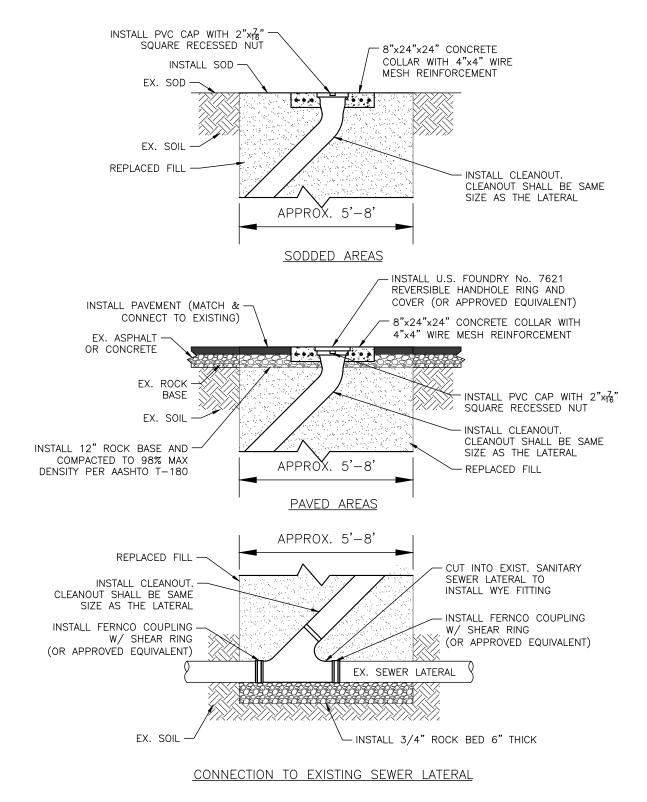
NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

- 1. INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS.
- 2. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING FOR SMOOTH FLOWS. 3. CHANNELS FOR FUTURE CONSTRUCTIONS (STUBS) SHALL BE CONSTRUCTED, FILLED WITH SAND, AND COVERED WITH 1" OF
- 4. SLOPE MANHOLE ITSELF WITH A 1:2 SLOPE FROM MANHOLE WALL TO CHANNEL.
- 5. INVERT SHALL BE A MINIMUM OF 1/2 THE DIAMETER OF THE LARGEST PIPE OR 4" DEEP, WHICHEVER IS GREATER.

Flow Patterns for Invert Channels AUGUST 26, 2020 (Rev B-23)

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JOB NO. 18187.27

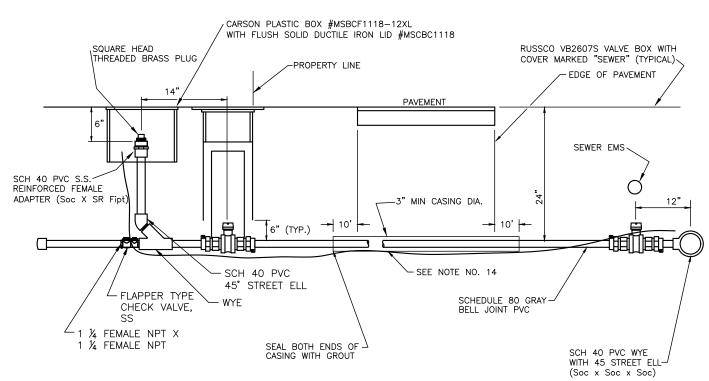


1. EXCAVATION DEPTH VARIES WITH DEPTH OF EXISTING SEWER LATERAL AND EXISTING SURFACE ELEVATIONS. 2. CONCRETE COLLARS SHALL BE MATCHED TO EXISTING GRADES IN WORK AREA.

Clean Out Connection to Existing Lateral

AUGUST 26, 2020 (Rev A-20)

PLOT: 10/26/2023 12:04:16 PM CONSTRUCTION, NOT FOR



NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

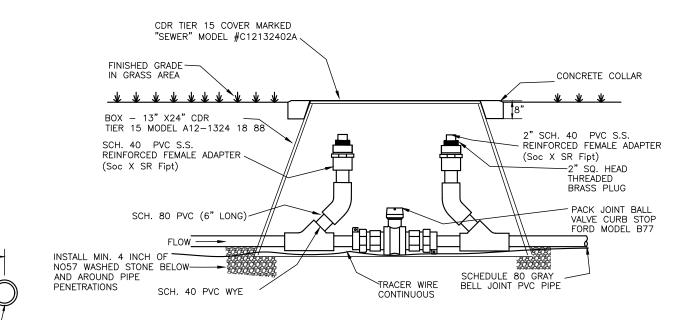
- CASINGS SHALL BE REQUIRED FOR ALL LONG SIDE SERVICES.
- 2. SUCCESSIVE SERVICE LINES OFF THE LOW PRESSURE FORCE MAIN SHALL BE SPACED A MINIMUM OF 18" APART.
- 3. WHERE NO SIDEWALK EXISTS, VALVE BOXES SHALL BE SET TO CONFORM TO FINISH GRADE.
- SERVICE PIPE SHALL BE SCHEDULE 80 GRAY BELL JOINT PVC, 400 PSI (CHARLOTTE PIPE). NO SLIP X SLIP COUPLINGS ALLOWED.
 SERVICE FITTINGS SHALL BE SPEARS MANUFACTURING COMPANY ONLY, SCHEDULE 40 PVC. NO DWV FITTINGS, SCHEDULE 40 MALE ADAPTERS, SLIP COUPLINGS, SLIP BUSHINGS, OR SCHEDULE 80 PVC FITTINGS ARE ALLOWED.
- 6. VALVE BOXES NOT REQUIRED FOR BALL VALVE AT TEE NEXT TO MAIN ON LONG SIDE SERVICES UNLESS SPECIFICALLY INDICATED AND NOTED ON THE PLANS.
- 7. CONTRACTOR SHALL UTILIZE FULL LENGTHS OF BELL JOINT PIPE WHENEVER POSSIBLE UNDER ROAD CROSSINGS.
- 8. PLUGS SHALL BE SCHEDULE 40 RED BRASS, SOLID TYPE WITH SQUARE HEAD.
- 9. TRACER WIRE TO BE #6 AWG, STRANDED COPPER, TYPE THHN WITH GREEN INSULATION. USE 11" CABLE TIES TO CONNECT TO PVC PIPE AND FITTINGS. TRACER WIRE SHALL WRAP AROUND AND TERMINATE INSIDE CLEANOUT BOX WITH ENOUGH SLACK TO EXTEND 2-3' ABOVE GRADE.
- 10. PVC PRIMER AND CEMENT SHALL BE OATEY MEDIUM BODIED.
- 11. THREAD SEALING COMPOUND PTFE PASTE SHALL BE LA-CO SLIC-TITE OR HERCULES REAL-TUFF.
- 12. CURB STOPS SHALL BE FULL PORT BALL VALVES WITH PACK JOINT FOR PVC PIPE BOTH ENDS, FORD METER BOX COMPANY MODEL B77-555.

 13. SERVICE CASING SHALL NOT BE INSTALLED BY WATER JETTING UNDER ROADWAY.
- 14. GALVANIZED CASING REQUIRED FOR ANY INSTALLATION REQUIRING A JACK AND BORE, SCHEDULE 40 PVC MAY BE USED FOR AN OPEN CUT INSTALLATION WITH THE APPROVAL OF SUA, CASING SHOULD EXTEND TEN (10) FEET BEYOND EDGE OF PAVEMENT AND SIZED AS FOLLOWS:

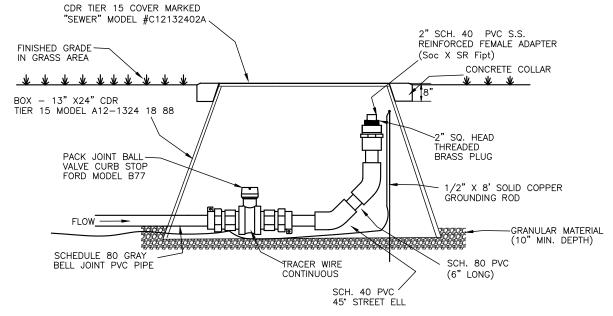
 A.) 2" MAIN USE 4" CASING
- 15. ALL OTHER UTILITIES SHALL BE LOCATED 4' MINIMUM CLEAR OF ALL LOW PRESSURE MAINS AND SERVICES.
- 16. ZIP TIE TRACER WIRE TO PIPE EVERY 5'.

Low Pressure Sewer Service Installation

AUGUST 26, 2020 (Rev B-18)



In-Line Cleanout Port and Main Line Valve



Terminal Cleanout Port and Main Line Valve

NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

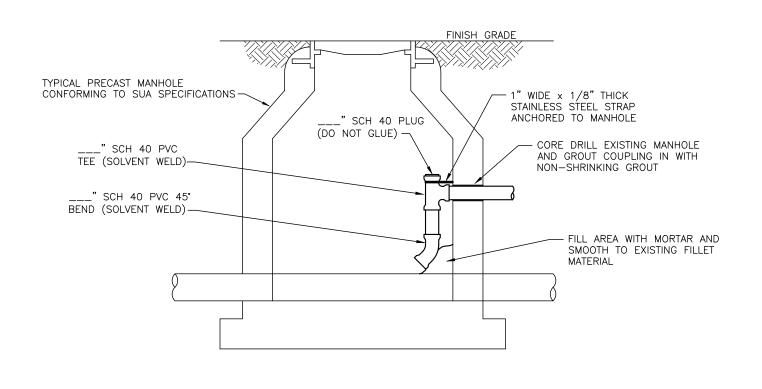
1. MAINLINE VALVES SHALL BE FULL PORT BALL VALVES WITH PACK JOINT FOR PVC PIPE BOTH ENDS, FORD METER BOX B77

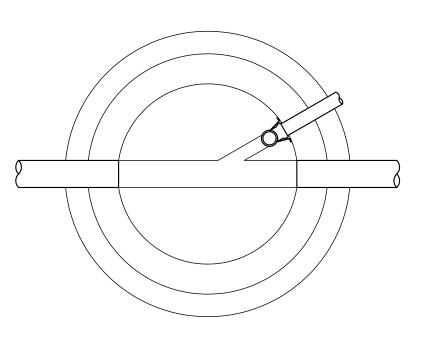
2. PIPE AND FITTING SIZE WILL BE DETERMINED BY PROJECT FLOW CALCULATIONS.

3. DEPTH SHALL BE 24" UNLESS OTHERWISE REQUIRED BY ROAD PERMITTING AGENCY.

4. ZIP TRACER WIRE TO PIPE EVERY 10'.

Low Pressure Sewer Cleanout Port with Valve





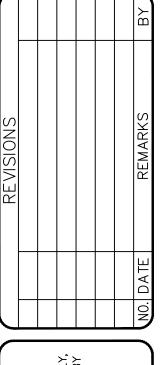
NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

1. NO INSIDE DROP IS PERMITTED IN A MANHOLE WITH MORE THAN TWO INVERTS.

2. INTERIOR OF MANHOLE SHALL BE COATED IN ACCORDANCE WITH THE AUTHORITY'S MINIMUM CONSTRUCTION STANDARDS AND SPECIFICATIONS.

Low Pressure Force Main into Manhole Connection

AUGUST 26, 2020 (Rev A-15)



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ADAM SWANEY, P.E. NO. 72235

TOWN OF LAKE PARK, FL
D LOW PRESSURE FORCE MAIN

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1280 N CONGRESS AVE, SUITE 101

WEST PALM BEACH, FLORIDA 33409
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