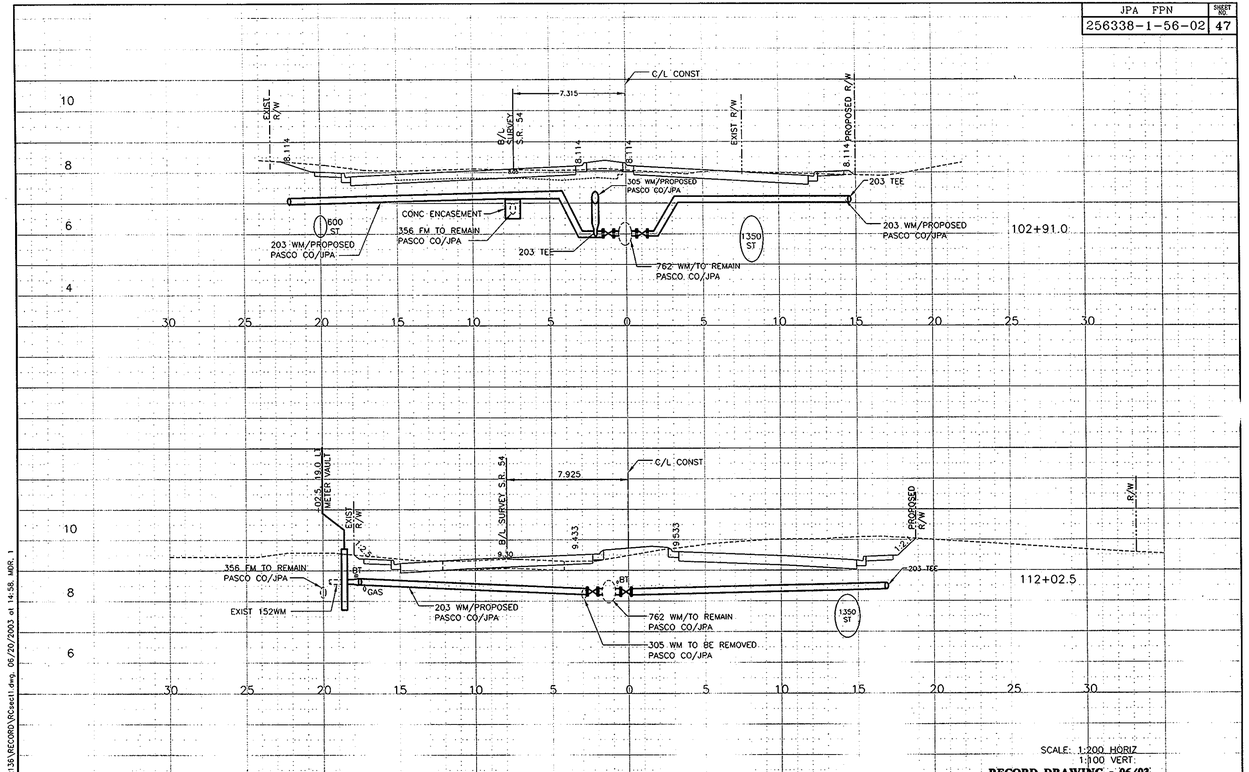
JPA FPN	SHEET NO.
256338-1-56-02	47



SCALE: 1:200 HORIZ
1:100 VERT.

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JEL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED BY	J.BURBY	2/98	TRAVS BY	D.BURNHAM	2/98
REVIEWED BY	J.LOWE	11/00	CHECKED BY	F.DeSANTIS	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No.: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
5500 BAYMEADOWS ROAD
JACKSONVILLE, FL 32256
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 8731 OLD PASCO ROAD NEW PORT RICHEY, FLORIDA 34654

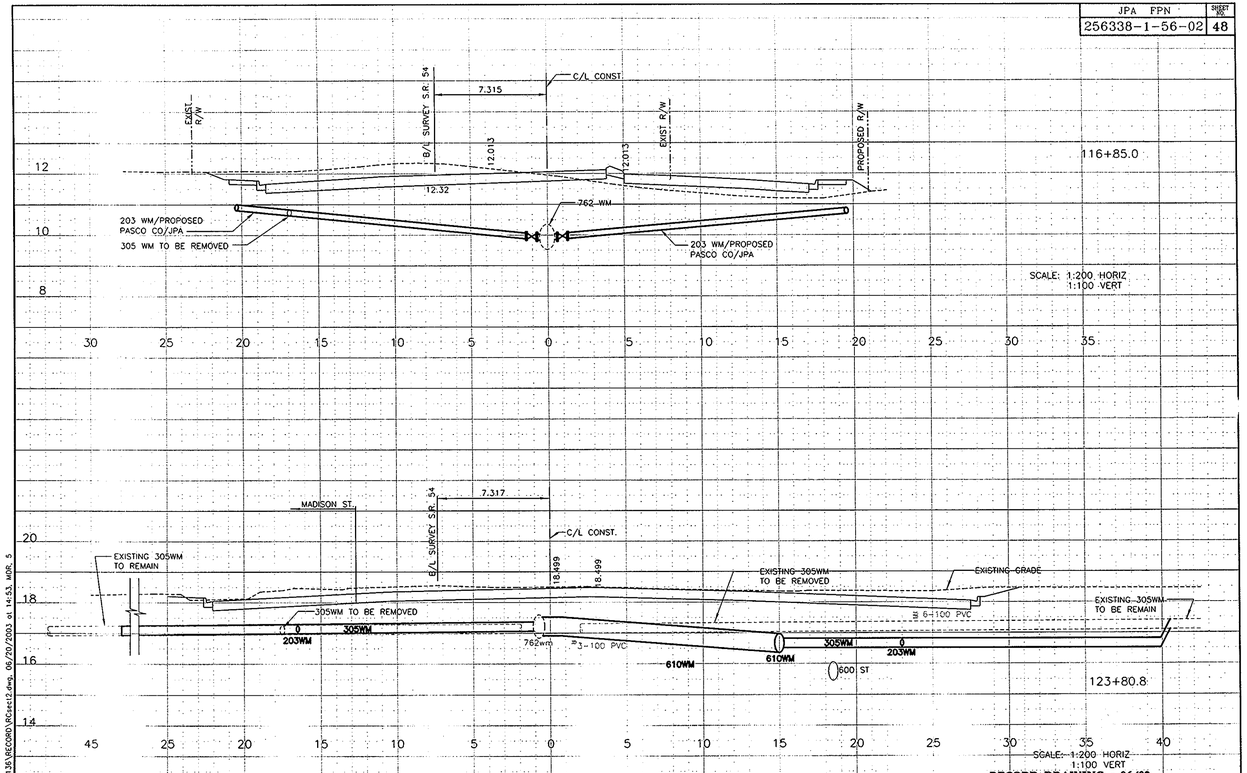
STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

CROSS SECTIONS

SHEET NO. CS-1

No. 0000
J:\CADD\12213S\RECORD\RCsec11.dwg, 06/20/2003 at 14:58, MDR, 1

JPA FPN	SHEET NO.
256338-1-56-02	48



RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED BY	J.BURDY	2/98	DRAWN BY	D.BURNHAM	2/98
REVIEWED BY	J.LOWE	11/00	CHECKED BY	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. — REC No.: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

CROSS SECTIONS

SHEET NO. CS-2

No. 16874
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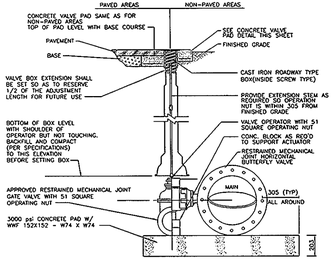
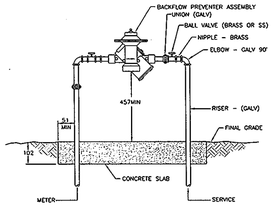
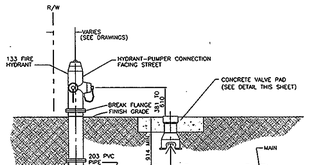


1 VALVE AND BOX DETAIL
NOT TO SCALE



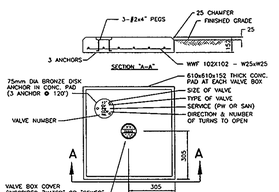
NOTE:
1. MIN CLEARANCE OF 102 TO BE MAINTAINED AROUND DEVICE FOR TESTING
2. ENTIRE ASSEMBLY TO BE PAINTED AWWA BLUE
3. CONCRETE TO EXTEND 51 MIN AROUND ENTIRE DEVICE
4. DEVICE MUST BE LISTED WITH THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH

RELOCATED DOUBLE CHECK OR BACKFLOW PREVENTER
2 19mm - 51mm SERVICES
NOT TO SCALE

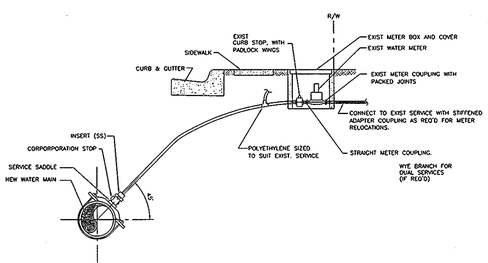


NOTES
1. FIRE HYDRANT ASSEMBLY SHALL INCLUDE RESTRAINED JOINT BENDS IF NECCESSARY
2. ANCHOR TEE ON MAIN LINE. RESTRAINED JOINTS (MEGALUG) ON SPOOL PIECE.

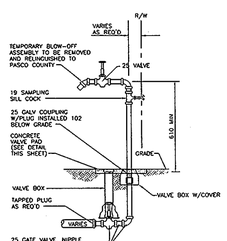
3 STANDARD FIRE HYDRANT ASSEMBLY
NOT TO SCALE



4 VALVE PAD DETAIL
NOT TO SCALE



5 TYPICAL 19mm - 51mm METER SERVICE
NOT TO SCALE



6 TEMPORARY FLUSHING & SAMPLING AND BLOWOFF DETAIL
NOT TO SCALE

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
6/03	JSL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASE FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J.BURBY	2/00	DRAWN	D.BURNHAM	2/00
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.				REG No.: 52017	

Issue Certification: /

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

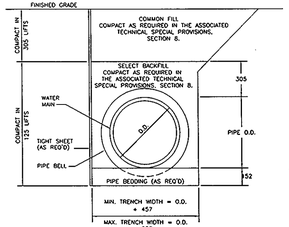
PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON WATER & FORCE MAIN UTILITY ADJUSTMENTS

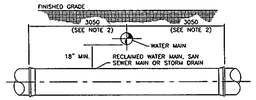
MISCELLANEOUS DETAILS

SHEET NO. D-1

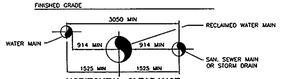
No. XREFS: J:\CADD\23235\RECORD\F213500E11.dwg, 06/20/2003 at 14:08, MDR, 1



1 BACKFILL DETAIL
NOT TO SCALE



VERTICAL CLEARANCE

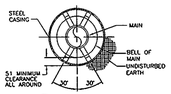


HORIZONTAL CLEARANCE

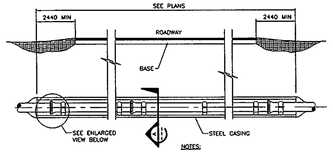
NOTES:

1. THE GREATER HORIZONTAL CLEARANCE DIMENSION SHALL GOVERN.
2. WHEN THE VERTICAL CLEARANCE BETWEEN WATER MAINS AND OTHER UTILITIES IS 457 OR LESS, O.D.P. JOINTS SHALL BE A MIN. OF 3050 EACH WAY FROM CENTERLINE OF WATER MAIN, UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS.
3. WHEN THE VERTICAL CLEARANCE BETWEEN WATER MAINS AND OTHER UTILITIES IS 457 OR LESS, VCP AND/OR PVC PIPE SHALL BE REPLACED FOR A MIN. OF 3050 EACH WAY FROM CENTERLINE OF WATER MAIN, UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS.
4. CONCRETE ENCASEMENT IS NOT PERMITTED UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS OR APPROVED BY THE ENGINEER OF RECORD OR PASCO COUNTY FOR EACH SPECIFIC CASE.
5. ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF (914) BELOW FINAL GRADE OR AS SHOWN ON THE PLANS. WATER MAINS THAT CROSS UNDER EXISTING DITCHES SHALL HAVE A MINIMUM COVER OF (762) TO FINAL GRADE.

2 WATER MAIN CLEARANCES
NOT TO SCALE

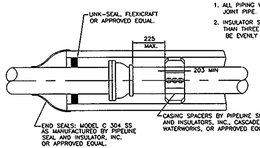


A SECTION
NOT TO SCALE

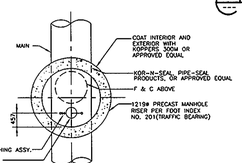


NOTES:

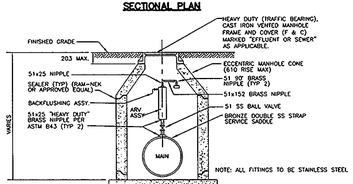
1. ALL PIPING WITHIN THE CASING SHALL BE RESTRAINED JOINT PIPE.
2. INSULATOR SPACING SHALL NOT EXCEED 3050 OR BE LESS THAN THREE (3) PER STANDARD PIPE SECTION AND SHALL BE EVENLY SPACED.



3 STEEL CASING DETAIL
NOT TO SCALE

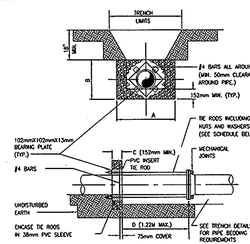


SECTIONAL PLAN



SECTIONAL ELEVATION

4 AIR RELIEF VALVE DETAIL
NOT TO SCALE



NOTES:

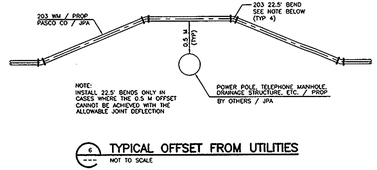
1. ADDITIONAL REINFORCEMENTS SHALL BE AS SPECIFIED BY THE ENGINEER.
2. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE 17.3MPa.
3. BEDDING, BACKFILL AND COMPACTION SHALL BE AS SPECIFIED ELSEWHERE IN THE STANDARD DRAWINGS.
4. ALL FORM BOARDS SHALL BE REMOVED PRIOR TO BACKFILL.
5. NO ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
6. TEST PRESSURE: 1034kPa

SCHEDULE OF DIMENSIONS AND MATERIALS

PIPE SIZE (mm)	DIMENSIONS (M)				TIE RODS REQ'D	
	A	B	C	D	DIA. (mm)	QUANT.
203	0.840	0.840	0.305	0.305	19.1	2
305	1.37	1.22	0.305	0.610	22.2	4
610	2.13	2.13	0.457	1.22	25.4	6

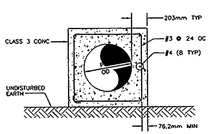
NOTE: THRUST BLOCK AREAS TO BE COMPUTED ON BASE OF 7224 KG PER SQ. METER SOIL BEARING (SEE NOTE 3) BEARING.

5 THRUST COLLAR DETAIL
NOT TO SCALE



NOTE:
INSTALL 22.5° BENDS ONLY IN CASES WHERE THE 0.5 M OFFSET CANNOT BE ACHIEVED WITH THE ALLOWABLE JOINT DEFLECTION

6 TYPICAL OFFSET FROM UTILITIES
NOT TO SCALE



7 CONCRETE ENCASMENT DETAIL
NOT TO SCALE

RECORD DRAWING - 06/03

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
6/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
12/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED BY	J.BURBY	2/98	DRAWN BY	D.BURNHAM	2/98
REVIEWED BY			CHECKED BY		
APPROVED BY					

Issue Certification: NOT FOR BIDDING OR CONSTRUCTION

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
MISCELLANEOUS DETAILS

SHEET NO. D-2

No. 38EE4
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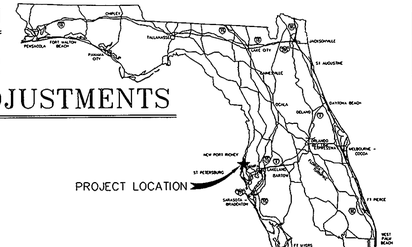
97-005.00.

JPA FPN	SHEET NO.
256338-1-56-02	01

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PASCO COUNTY UTILITIES
WATER AND FORCE MAIN UTILITY ADJUSTMENTS

JPA FPN 256338-1-56-02
STATE PROJECT NO. 14570-3519
PASCO COUNTY
STATE ROAD NO. 54
US 19 TO MADISON ST.



INDEX OF UTILITY PLANS

SHEET NO.	SHEET DESCRIPTION
G-1	COVER SHEET
G-2	SUMMARY OF QUANTITIES/GENERAL NOTES
P-1 - P-19A	SR 54 - PLAN AND PROFILE
P-20 - P-22	CR 595 - PLAN AND PROFILE
P-23 - P-24	MADISON STREET - PLAN AND PROFILE
P-25	US 19 OUTFALL - PLAN AND PROFILE
CS-1	CROSS SECTIONS
CS-2	CROSS SECTIONS
D-1	MISCELLANEOUS DETAILS
D-2	MISCELLANEOUS DETAILS

NOTES CONCERNING THESE RECORD DRAWINGS:

1. THESE RECORD DRAWINGS HAVE BEEN PREPARED USING INFORMATION COMPILED BY OTHERS DURING CONSTRUCTION OF THESE FACILITIES. CONSTRUCTION OF THESE FACILITIES WAS NOT UNDER THE ENGINEER'S RESPONSIBLE SUPERVISION, DIRECTION, OR CONTROL. THESE RECORD DRAWINGS DO NOT NECESSARILY REPRESENT, IN DETAIL, EXACT LOCATIONS, OR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT HAVE BEEN INCORPORATED INTO THESE RECORD DRAWINGS.

2. THE ENGINEER'S CERTIFICATION OF RECORD DRAWINGS (IF PROVIDED BY SIGNATURE AND SEAL HEREON) IS ONLY INTENDED TO REPRESENT THAT:

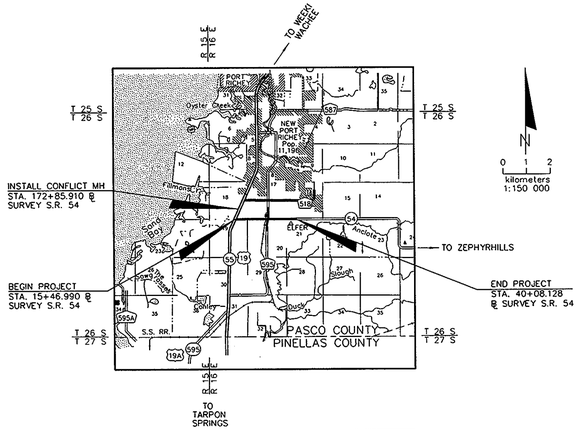
A) THE ENGINEER WAS IN RESPONSIBLE CHARGE OF INSPECTING THE CONSTRUCTION OF THE PROJECT.

B) CONSTRUCTION HAS BEEN COMPLETED TO THE POINT WHERE PERMITTED FACILITIES ARE FUNCTIONALLY COMPLETE.

C) TO THE BEST OF THE ENGINEER'S KNOWLEDGE AND BELIEF, ANY DEVIATIONS FROM THE CONSTRUCTION PERMIT AND APPROVED PLANS AND SPECIFICATIONS WILL NOT PREVENT THE PROJECT FROM FUNCTIONING IN ACCORDANCE WITH FAC 62-550 AND FAC 62-604.

D) THE RECORD DRAWINGS FOR THE PROJECT ARE, IN THE ENGINEER'S OPINION, ADEQUATE FOR THE PURPOSES OF CONSTRUCTION PERMITTING AND FACILITIES OPERATION AND INDICATE ALL DEVIATIONS KNOWN TO THE ENGINEER FROM THE CONSTRUCTION PERMIT AND APPROVED ENGINEERING PLANS AND SPECIFICATIONS.

GOVERNING STANDARDS AND SPECIFICATIONS: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, ROADWAY & TRAFFIC DESIGN STANDARD, DATED JANUARY 2000, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2000, AS AMENDED BY CONTRACT DOCUMENTS.



INSTALL CONFLICT MH
STA. 172+85.910 ℄
SURVEY S.R. 54

BEGIN PROJECT
STA. 15+46.990 ℄
SURVEY S.R. 54

END PROJECT
STA. 40+08.128
℄ SURVEY S.R. 54

REVISIONS		
DATE	BY	DESCRIPTION
12/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION
06/03		RECORD DRAWINGS

PLANS PREPARED BY

PARSONS ENGINEERING SCIENCE, INC.
3450 BUSCHWOOD PARK DR., SUITE 345
TAMPA, FLORIDA 33618
PH: (813) 933-4650 FAX: (813) 930-7332

ENGINEER OF RECORD

JEFFREY S. LOWE, P.E.
FL LICENSE NO. 52017

NOTES

1. THESE PLANS ONLY REFLECT PROPOSED UTILITY CONSTRUCTION FOR 256338-1-56-02 (PASCO COUNTY UTILITIES). REFER TO STATE PROJECT 14570-3519 FOR INFORMATION ON ROAD AND DRAINAGE DESIGN.
2. THIS UTILITY CONTRACT PLAN SET TO BE LET IN THE SAME CONTRACT WITH STATE PROJECT NO. 14570-3519
3. WORK IDENTIFIED IN THIS UTILITY CONTRACT PLAN SET IS INCLUDED IN THE ENVIRONMENTAL RESOURCE PERMIT FOR STATE PROJECT NO. 14570-3519
4. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

NOTE:
THIS IS A METRIC UNIT PROJECT.

SHEET NO.
G-1

No XREFs
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JPA	FPN	SHEET NO
256338-1	-56-02	02

SUMMARY OF QUANTITIES

ITEM NO.	ALT	DESCRIPTION	UNIT	QUANTITY
		ALTERNATIVE AA		
2425-2-71	AA	MANIHOLE, J-7 BOT<3M, STANDARD INDEX 201	EA	2
2425-2-72	AA	MANIHOLE, J-7 BOT>3M, STANDARD INDEX 201	EA	3
2730-76-108	AA	STEEL CASING, FURNISH & INSTALL, 356mm	M1	124
2730-76-110	AA	STEEL CASING, FURNISH & INSTALL, 457mm	M1	46
3020-1	AA	PIPE REMOVAL, 457mm OR LESS	M1	3997
3020-2	AA	PIPE REMOVAL, 508mm OR MORE	M1	323
3637-111-100	AA	VALVE BOX, TAP CROSS & VALVE TAP SLEEVE & VALVE FURNISH & INSTALL, SCREW TYPE-2 PCS, W/ SLEEVE & VALVE, DIP, 762mmX203mm, 203mm VALVE	EA	1
3637-111-100	AA	VALVE BOX, TAP CROSS & VALVE TAP SLEEVE & VALVE FURNISH & INSTALL, SCREW TYPE-2 PCS, W/ SLEEVE & VALVE, DIP, 762mmX203mm, 203mm VALVE	EA	6
3070-111-205	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 51mm	EA	4
3070-111-206	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 76mm	EA	1
3070-111-207	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 102mm	EA	4
3070-111-208	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 152mm	EA	5
3070-111-209	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 203mm	EA	30
3070-111-210	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 254mm	EA	1
3070-111-211	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 305mm	EA	3
3070-111-216	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 610mm	EA	2
3070-115-116	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, BFV W/ BOX, 1034kPA, 610mm	EA	1
3070-118-110	AA	VALVE ASS'Y, FURNISH & INSTALL, CI, AIR RELEASE ASS'Y,1034kPA, 254mm	EA	1
3070-515-117	AA	VALVE ASS'Y, ADJ. & MOD., CI, BFV, 1034kPA, 762 mm	EA	1
3100-111-907	AA	PIPE (DI/CI), FURNISH & INSTALL, PUSH-ON, CEMENT,2413kPA, 102mm	M1	58
3100-111-909	AA	PIPE (DI/CI), FURNISH & INSTALL, PUSH-ON, CEMENT,2413kPA, 203mm	M1	3824
3100-111-910	AA	PIPE (DI/CI), FURNISH & INSTALL, PUSH-ON, CEMENT,2413kPA, 254mm	M1	102
3100-111-911	AA	PIPE (DI/CI), FURNISH & INSTALL, PUSH-ON, CEMENT,2413kPA, 305mm	M1	30
3100-111-816	AA	PIPE (DI/CI), FURNISH & INSTALL, PUSH-ON, CEMENT,1724kPA, 610mm	M1	226
3140-141-907	AA	PIPE (DI/CI), FURNISH & INSTALL,MFD RESTR., CEMENT,2413kPA, 102mm	M1	18
3100-141-909	AA	PIPE (DI/CI), FURNISH & INSTALL,MFD RESTR., CEMENT,2413kPA, 203mm	M1	800
3100-141-910	AA	PIPE (DI/CI), FURNISH & INSTALL,MFD RESTR., CEMENT,2413kPA, 254mm	M1	36
3100-141-911	AA	PIPE (DI/CI), FURNISH & INSTALL,MFD RESTR., CEMENT,2413kPA, 305mm	M1	93
3100-141-816	AA	PIPE (DI/CI), FURNISH & INSTALL,MFD RESTR., CEMENT,1724kPA, 610mm	M1	176
3510-120	AA	SANITARY SEWER FITTINGS, FURNISH & INSTALL, DI	MT	1
3610-140	AA	WATER FITTINGS, FURNISH & INSTALL, DI	MT	15
3698-190-305	AA	SERVICE-WATER, FURNISH & INSTALL, POLYETH.,CL150, LINEAR, 51mm	EA	3
3698-130-309	AA	SERVICE-WATER, FURNISH & INSTALL, PVC., LINEAR, CL150, 203mm	EA	1
3698-790-305	AA	SERVICE-WATER, ADJ. & MOD., POLYETH., LINEAR, CL150, 51mm	EA	3
3698-830-308	AA	SERVICE-WATER, RELOCATE, PVC., LINEAR, CL150, 152mm	EA	1
3644-113-01	AA	HYDRANT, FURNISH & INSTALL, STD., TWO HOSE ONE PUMPER, 135mm	EA	16
3644-413-01	AA	HYDRANT, SALVAGE & STORE, STD., TWO HOSE ONE PUMPER, 135mm	EA	10

SUMMARY OF QUANTITIES

ITEM NO.	ALT	DESCRIPTION	UNIT	QUANTITY
		ALTERNATIVE AB		
2425-2-71	AB	MANIHOLE, J-7 BOT<3M, STANDARD INDEX 201	EA	2
2425-2-72	AB	MANIHOLE, J-7 BOT>3M, STANDARD INDEX 201	EA	3
2730-76-108	AB	STEEL CASING, FURNISH & INSTALL, 356mm	M1	124
2730-76-110	AB	STEEL CASING, FURNISH & INSTALL, 457mm	M1	46
3020-1	AB	PIPE REMOVAL, 457mm OR LESS	M1	3997
3020-2	AB	PIPE REMOVAL, 508mm OR MORE	M1	323
3637-111-100	AB	VALVE BOX, TAP CROSS & VALVE TAP SLEEVE & VALVE FURNISH & INSTALL, SCREW TYPE-2 PCS, W/ SLEEVE & VALVE, DIP, 762mmX203mm, 203mm VALVE	EA	1
3637-111-100	AB	VALVE BOX, TAP CROSS & VALVE TAP SLEEVE & VALVE FURNISH & INSTALL, SCREW TYPE-2 PCS, W/ SLEEVE & VALVE, DIP, 762mmX203mm, 203mm VALVE	EA	6
3070-111-205	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 51mm	EA	4
3070-111-206	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 76mm	EA	1
3070-111-207	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 102mm	EA	4
3070-111-208	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 152mm	EA	5
3070-111-209	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 203mm	EA	30
3070-111-210	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 254mm	EA	1
3070-111-211	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 305mm	EA	3
3070-111-216	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, GV W/ BOX, 1724kPA, 610mm	EA	2
3070-115-116	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, BFV W/ BOX, 1034kPA, 610mm	EA	1
3070-118-110	AB	VALVE ASS'Y, FURNISH & INSTALL, CI, AIR RELEASE ASS'Y,1034kPA, 254mm	EA	1
3070-515-117	AB	VALVE ASS'Y, ADJ. & MOD., CI, BFV, 1034kPA, 762 mm	EA	1
3090-133-07	AB	PIPE (PVC), FURNISH & INSTALL, PUSH-ON, CLASS 150, 102mm	M1	58
3090-133-09	AB	PIPE (PVC), FURNISH & INSTALL, PUSH-ON, CLASS 150, 203mm	M1	3824
3090-133-10	AB	PIPE (PVC), FURNISH & INSTALL, PUSH-ON, CLASS 150, 254mm	M1	102
3090-133-11	AB	PIPE (PVC), FURNISH & INSTALL, PUSH-ON, CLASS 150, 305mm	M1	30
3100-111-816	AB	PIPE (DI/CI), FURNISH & INSTALL, PUSH-ON, CEMENT,1724kPA, 610mm	M1	226
3090-153-07	AB	PIPE (PVC), FURNISH & INSTALL, MFD RESTR., CLASS 150, 102mm	M1	18
3090-153-09	AB	PIPE (PVC), FURNISH & INSTALL, MFD RESTR., CLASS 150, 203mm	M1	800
3090-153-10	AB	PIPE (PVC), FURNISH & INSTALL, MFD RESTR., CLASS 150, 254mm	M1	36
3090-153-11	AB	PIPE (PVC), FURNISH & INSTALL, MFD RESTR., CLASS 150, 305mm	M1	93
3100-141-816	AB	PIPE (DI/CI), FURNISH & INSTALL,MFD RESTR., CEMENT,1724kPA, 610mm	M1	176
3510-120	AB	SANITARY SEWER FITTINGS, FURNISH & INSTALL, DI	MT	1
3610-140	AB	WATER FITTINGS, FURNISH & INSTALL, DI	MT	15
3698-190-305	AB	SERVICE-WATER, FURNISH & INSTALL, POLYETH.,CL150, LINEAR, 51mm	EA	3
3698-130-309	AB	SERVICE-WATER, FURNISH & INSTALL, PVC., LINEAR, CL150, 203mm	EA	1
3698-790-305	AB	SERVICE-WATER, ADJ. & MOD., POLYETH., LINEAR, CL150, 51mm	EA	3
3698-830-308	AB	SERVICE-WATER, RELOCATE, PVC., LINEAR, CL150, 152mm	EA	1
3644-113-01	AB	HYDRANT, FURNISH & INSTALL, STD., TWO HOSE ONE PUMPER, 135mm	EA	16
3644-413-01	AB	HYDRANT, SALVAGE & STORE, STD., TWO HOSE ONE PUMPER, 135mm	EA	10

TO CONVERT	Multiply By	TO OBTAIN
centimeters	3.281×10^{-2}	feet
centimeters	0.3937	inches
centimeters	10^{-5}	kilometers
centimeters	0.01	meters
centimeters	6.214×10^{-6}	miles
centimeters	10.0	millimeters
cubic centimeters	3.531×10^{-5}	cu feet
cubic centimeters	0.06102	cu inches
cubic centimeters	10^{-6}	cu meters
cubic centimeters	1.308×10^{-6}	cu yards
cubic feet	1,728.0	cu inches
cubic feet	0.02832	cu meters
cubic feet	0.03704	cu yards
cubic meters	35.31	cu feet
cubic meters	61,023.0	cu inches
cubic meters	1.308	cu yards
feet	30.48	centimeters
feet	3.048×10^{-4}	kilometers
feet	0.3048	meters
feet	1.645×10^{-4}	miles (naut)
feet	1.894×10^{-4}	miles (stat)
feet	304.8	millimeters
feet/sec	30.48	cm/sec
inches	25.4×10^{3}	µm
inches	2.540	centimeters
inches	2.540×10^{-2}	meters
inches	1.578×10^{-5}	miles
inches	25.4	millimeters
kilograms	0.001	metric ton
kilograms	2.205	pounds
kilograms/meter	0.6720	pounds/ft
kilograms/cu meter	6.24×10^{-2}	pounds/cu ft
kPa	0.145	psi
MPa	145	psi
meters	100.0	centimeters
meters	3.281	feet
meters	39.37	inches
meters	0.001	kilometers
meters	1000.0	millimeters
mils	0.001	inches
mils	25.4×10^{-3}	millimeters
pounds	0.4536	kilograms
pounds/cu ft	16.02	kgs/cu meter
pounds/sq in	703.1	kgs/sq meter
tons (metric)	1,000.0	kilograms
tons (metric)	2,205.0	pounds

Temperature Conversions: $°F = 32 + (\frac{9}{5})°C$

$°C = \frac{5}{9}(°F - 32)$

GENERAL NOTES

1. B.M. DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD-' 29).
2. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE ONE CALL" 48 HRS PRIOR TO OPERATIONS AT 1-800-432-4770.
3. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ON THE DRAWINGS IN ACCORDANCE WITH THE BEST INFORMATION AVAILABLE. THESE PLANS, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. ALSO THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND/OR WHICH MAY HAVE BEEN INSTALLED AND CONSTRUCTED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND THE ABSENCE OF OTHER STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THESE PLANS) AFFECTING HIS WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH WORKING AROUND UTILITIES NOT SHOWN ON DRAWINGS. MINOR UTILITIES (SPRINKLER AND HOUSE SERVICE CONNECTIONS) ARE NOT SHOWN, COSTS ASSOCIATED WITH RELOCATING THESE MINOR UTILITIES WILL BE PAID BY THE CONTRACTOR. COMPANIES THAT HAVE UTILITIES ALONG THE SELECTED ALIGNMENT INCLUDE THE FOLLOWING:

PASCO COUNTY UTILITIES BRUCE YOUNGS 5530 GALL STREET NEW PORT RICHEY, FL 34653 TELEPHONE (727) 847-8140	PASCO COUNTY UTILITIES JERRY VAQUIN CEDAR & CLEVELAND STREET DADE CITY, FL 33525 TELEPHONE (727) 567-1128	TIME WARNER COMM. RICK WILLIAMS 4811 GULF & LAKE ROAD NEW PORT RICHEY, FL 34654 TELEPHONE (727) 378-3854	LINDRICK SERVICE CORP. STEVEN MINER PO BOX 179 NEW PORT RICHEY, FL 34656 TELEPHONE (727) 848-1166
FLORIDA POWER CO. ROSEMARY GRUNDHAUM 3348 ANCLOTE DR. HUDSON, FL 33334 TELEPHONE (407) 475-2471	CLEARWATER GAS SYSTEM TOM ROBERTSON 400 S. ALDEN CLEARWATER, FL 33755 TELEPHONE (727) 462-6630	CITY OF NEW PORT RICHEY THOMAS O'NEILL 5939 MARINE ROAD PORT RICHEY, FL 33568 TELEPHONE (727) 841-4637	

4. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED. (e.g. GROUNDWATER CONDITIONS, PROPOSED WORK BY OTHERS, ETC.) AND UPON WHICH THEIR BIDS WILL BE BASED.

NOTE:

1. ALTERNATIVE "AA" PROVIDES DIP FOR BOTH THE FORCE MAINS AND WATER MAINS.
2. ALTERNATIVE "AB" PROVIDES DIP FOR BOTH THE FORCE MAINS AND WATER MAINS GREATER THAN 300mm AND PVC FOR BOTH THE FORCE MAINS AND WATER MAINS 305mm AND LESS.
5. FIELD CONDITIONS MAY NECESSITATE SLIGHT ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS ORDERED BY THE ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE AT LEAST FORTY-EIGHT (48) HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDER TO PERMIT THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.
8. ANY PERMANENT RELOCATION OF EXISTING UTILITIES NOT SHOWN ON THE DRAWINGS, SHALL BE APPROVED BY THE ENGINEER, AND/OR PASCO COUNTY PRIOR TO RELOCATION AND SHALL CONFORM TO APPLICABLE STANDARDS AND SPECIFICATIONS OF PASCO COUNTY AND FLORIDA DEPARTMENT OF TRANSPORTATION.
9. PORTIONS OF CONSTRUCTION OF THIS PROJECT, AUTHORIZED BY PERMIT OR LICENSE AGREEMENT, WILL BE SUBJECT TO INSPECTION AND TESTS AS MAY BE NECESSARY BY THE PERMIT GRANTING AUTHORITY. ALL CONTRACTOR SUPERVISORY PERSONNEL SHALL FURNISH INFORMATION TO AND COOPERATE WITH THESE AUTHORITIES.
10. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHOUT DELAY BY TELEPHONE.
11. ALL DIMENSIONS ARE FROM C/L CONSTRUCTION UNLESS OTHERWISE NOTED.
12. ABBREVIATIONS AND SYMBOLS ARE PER FDOT ROADWAY AND TRAFFIC STANDARDS DATED JANUARY 2000. ABBREVIATIONS AND SYMBOLS NOT IDENTIFIED IN THESE STANDARDS ARE INDICATED BELOW.
13. FOR EXACT PIPE SIZES REFER TO CONTRACT ITEM DESCRIPTIONS OF THE SPECIFICATIONS.

LEGEND

RELOCATED WATER METER (3/4" SERVICE)

AIR RELIEF VALVE

+SS, OO RT.

RESTRAINED JOINT PIPE

RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	JEL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
12/00	JEL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J.BURBY	2/98	DRAWN BY	D.BURNHAM	2/98
REVIEWED	J.LUKE	11/00	CHECKED BY	F.DeSANTO	11/00
APPROVED BY	JEFFERY S. LOWE, P.E.			REG No.: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
(formerly Camp Dresser & McKee Inc.)
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 8731 RIDGE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
SUMMARY OF QUANTITIES/GENERAL NOTES

SHEET NO. G-2

NS_SHEET
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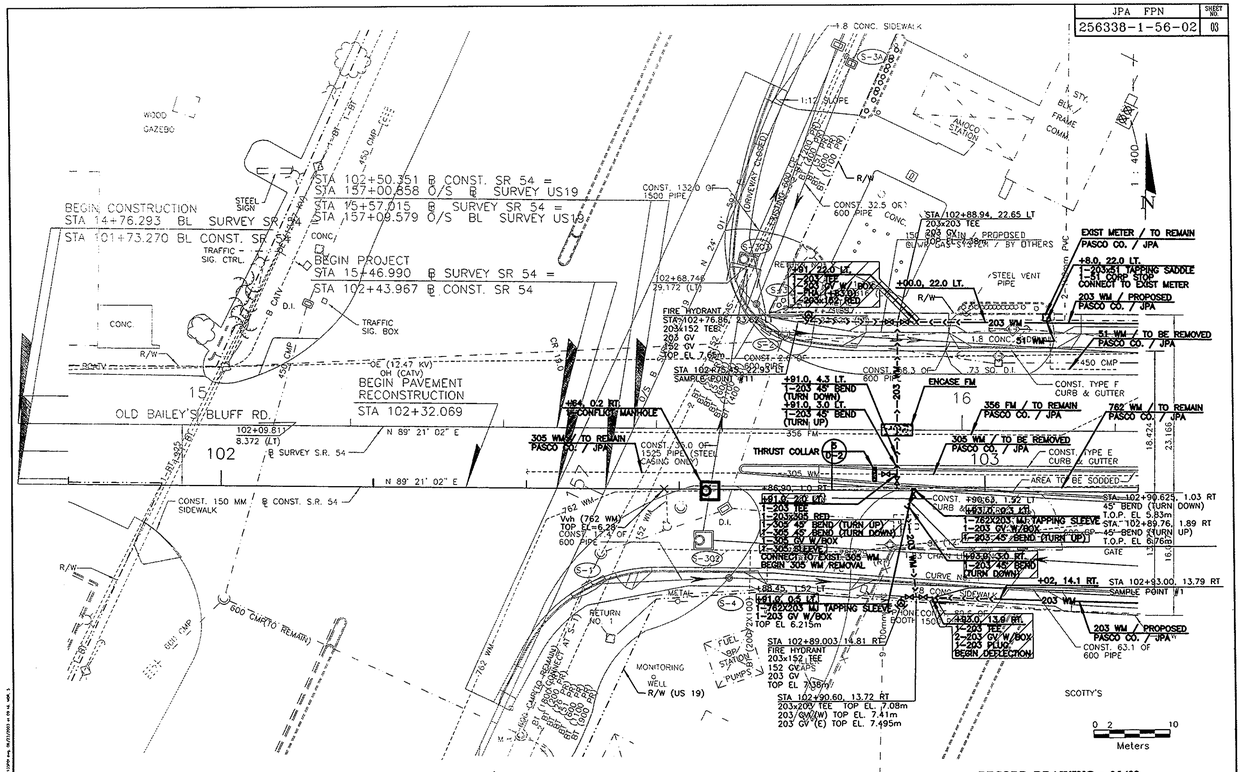
JPA FPN	SHEET NO.
256336-1-56-02	03



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00		RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/99	DRAWN	D.BURNHAM	2/99
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.					

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 101+80 TO STA 103+20

SHEET NO.
P-1

SEC No.: 52017

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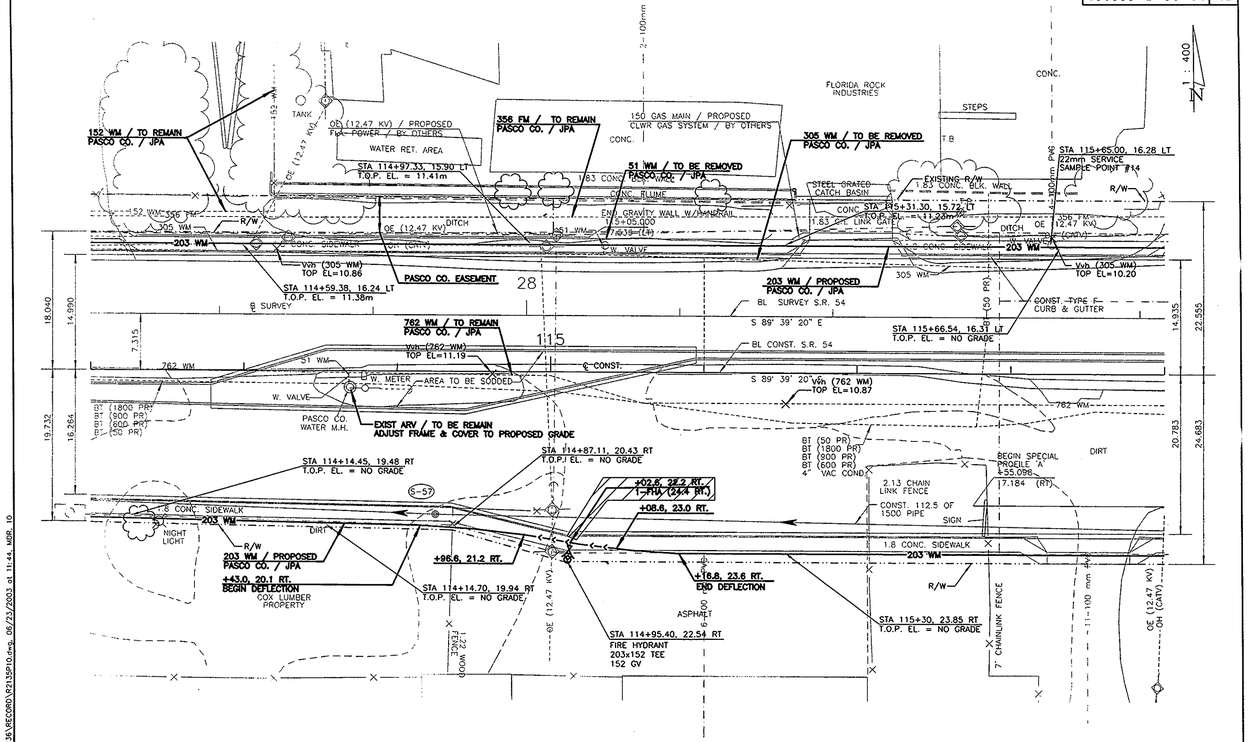

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00		RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/99	SHEET CHECKED	D.BURNHAM	2/99
DRAWN	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY. JEFFERY S. LOWE, P.E. REG No.: 52017					

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 114+40 TO STA 115+80

SHEET NO. P-10

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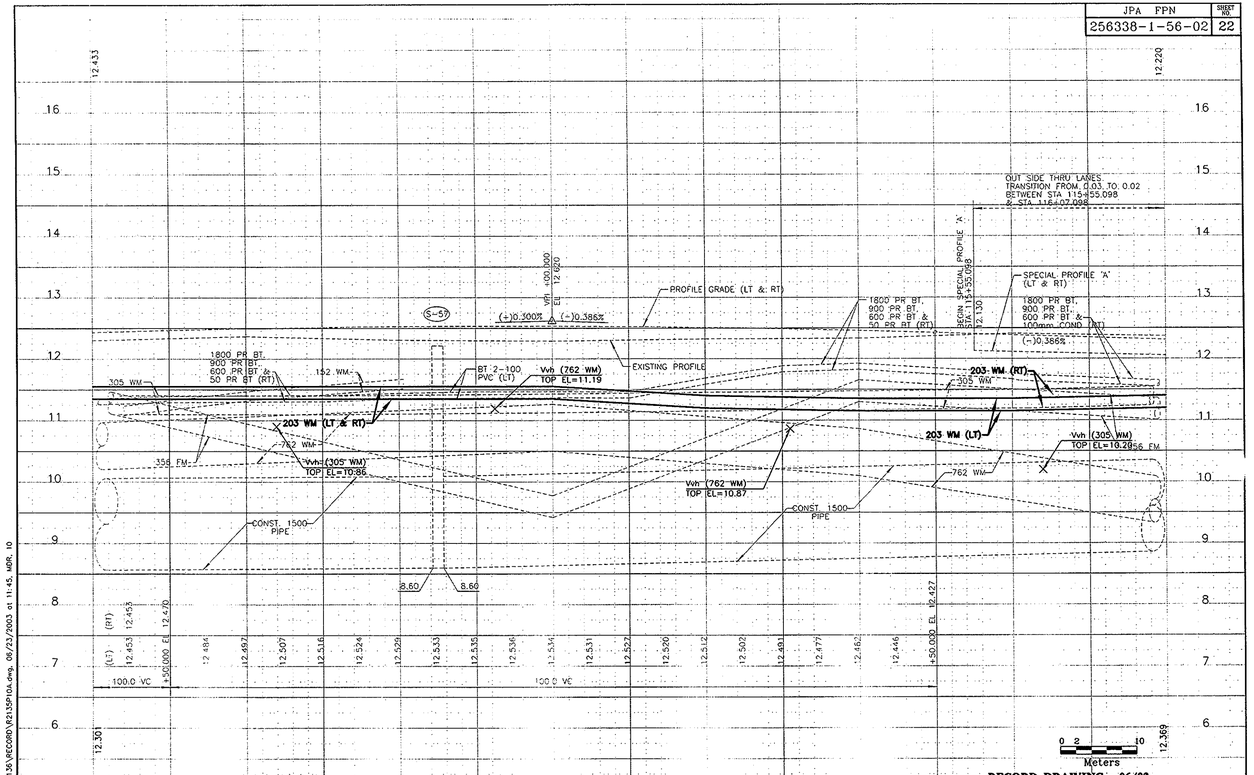

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE
DESIGNED	J. BURDY	2/00
REVIEWED BY	J.LOWE	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.		REG No.: 52017

	NAME	DATE
DRAWN	D.BURNHAM	2/00
CHECKED	F.DeSANTO	11/00

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 114+40 TO STA 115+80

SHEET NO. P-10A

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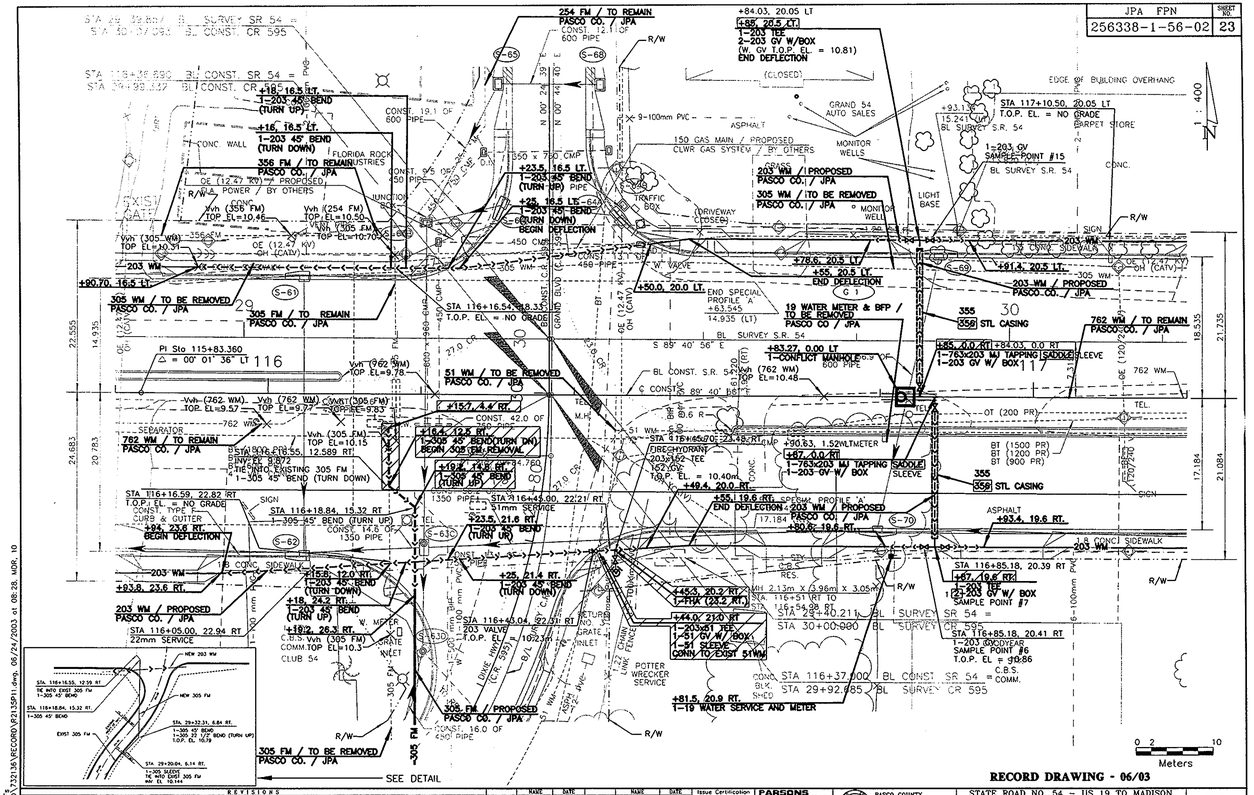

DATE	REV	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE
DESIGNED	J. BURBY	2/99
DRAWN	J.LOWE	11/00
REVIEWED		
APPROVED BY: JEFFERY S. LOWE, P.E.		

	NAME	DATE
DESIGN ENGINEER	D.BURNHAM	2/99
CHECKED	F.DeSANTO	11/00

SEC No: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
3200 Tech Drive
Tampa, Florida 33624
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PLAN SHEET - STA 115+80 TO STA 117+20

SHEET NO. P-11

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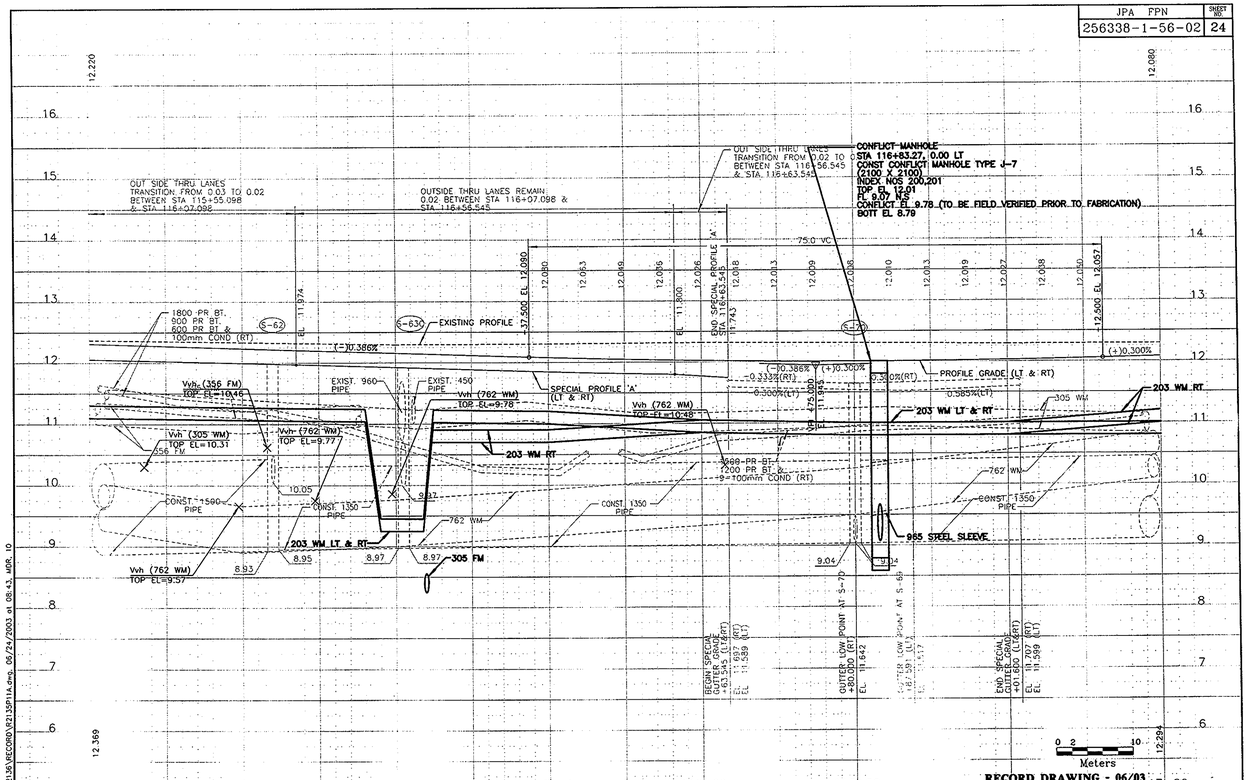

RECORD DRAWING - 06/03

DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)
11/00	TSL	RELEASED FOR BIDDING/CONSTRUCTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REC No.: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 115+80 TO STA 117+20

SHEET NO. P-11A

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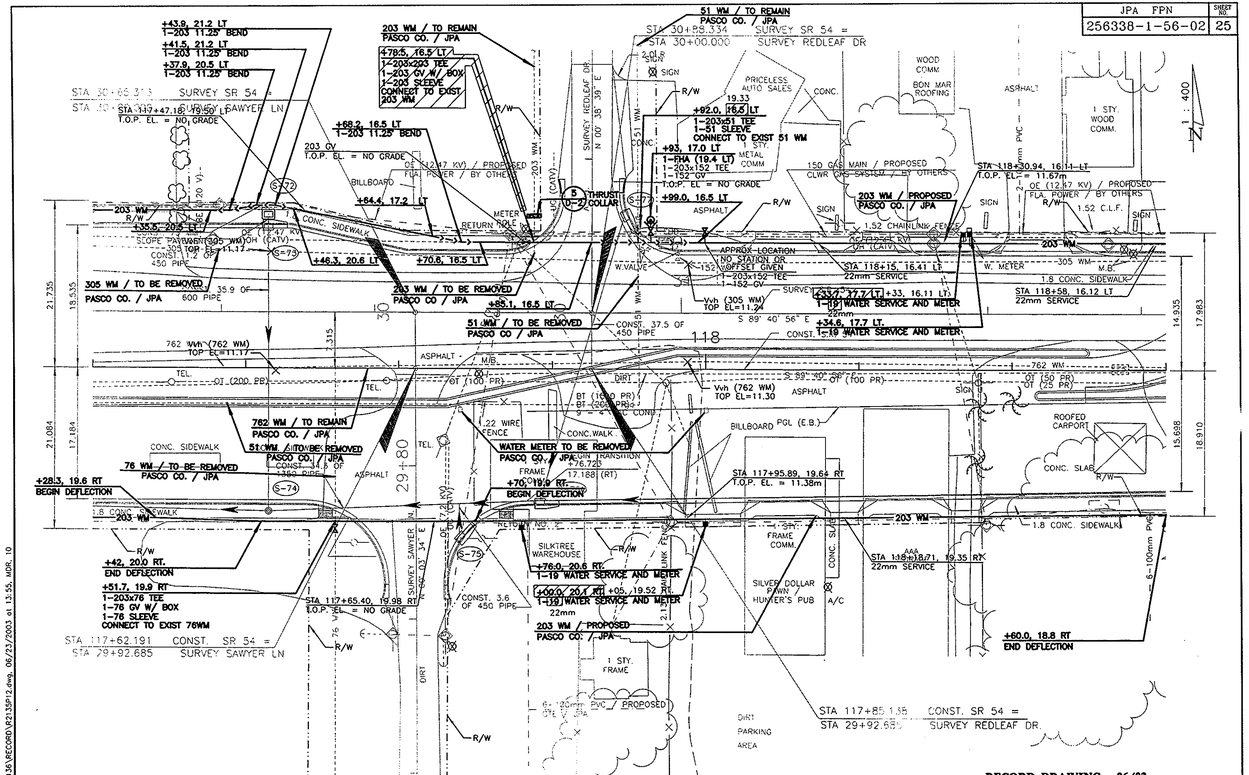

RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	JEL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JEL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/00	DRAWN	D.BURNHAM	2/00
REVIEWED BY	J.LOWE	11/00	VERIFIED	F.DeSANTO	11/00
APPROVED BY	JEFFERY S. LOWE, P.E.			REG No.: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4050

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PLAN SHEET - STA 117+20 TO STA 118+60

SHEET NO. P-12

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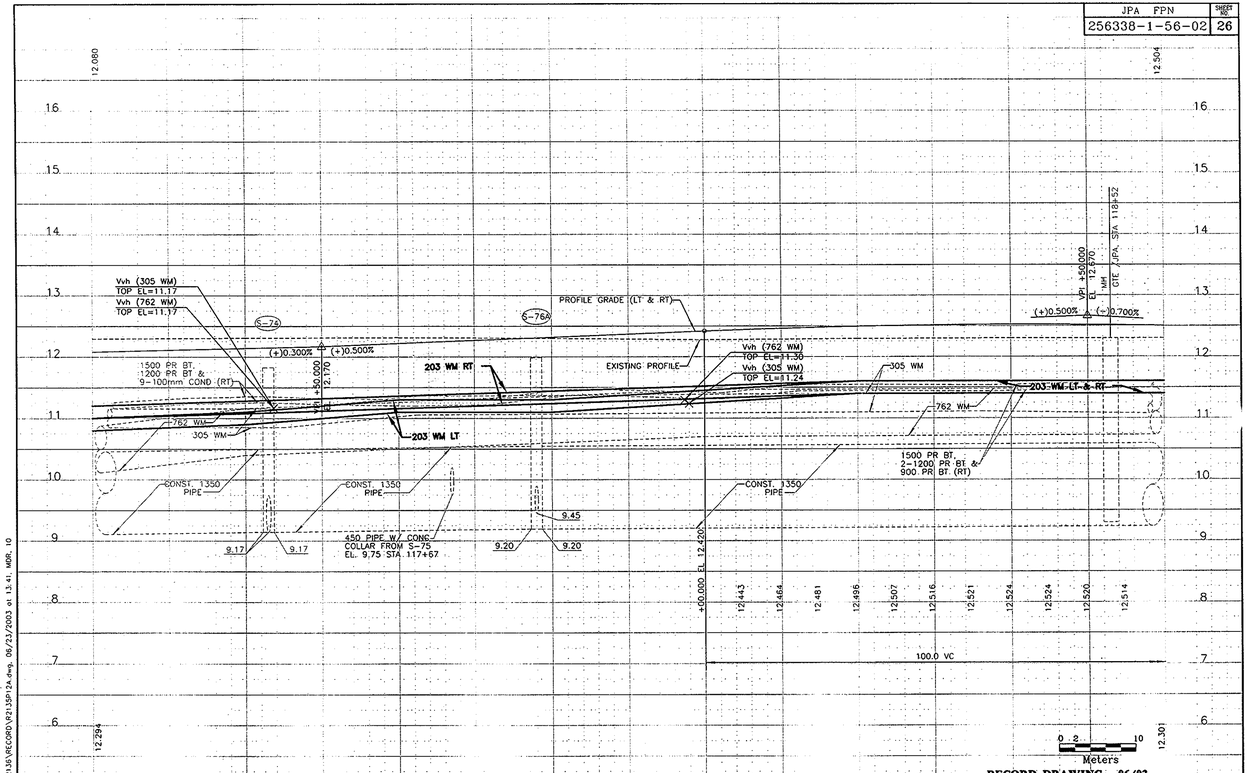

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JDL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURDY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No. 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 117+20 TO STA 118+60

SHEET NO. P-12A

No. XREF's
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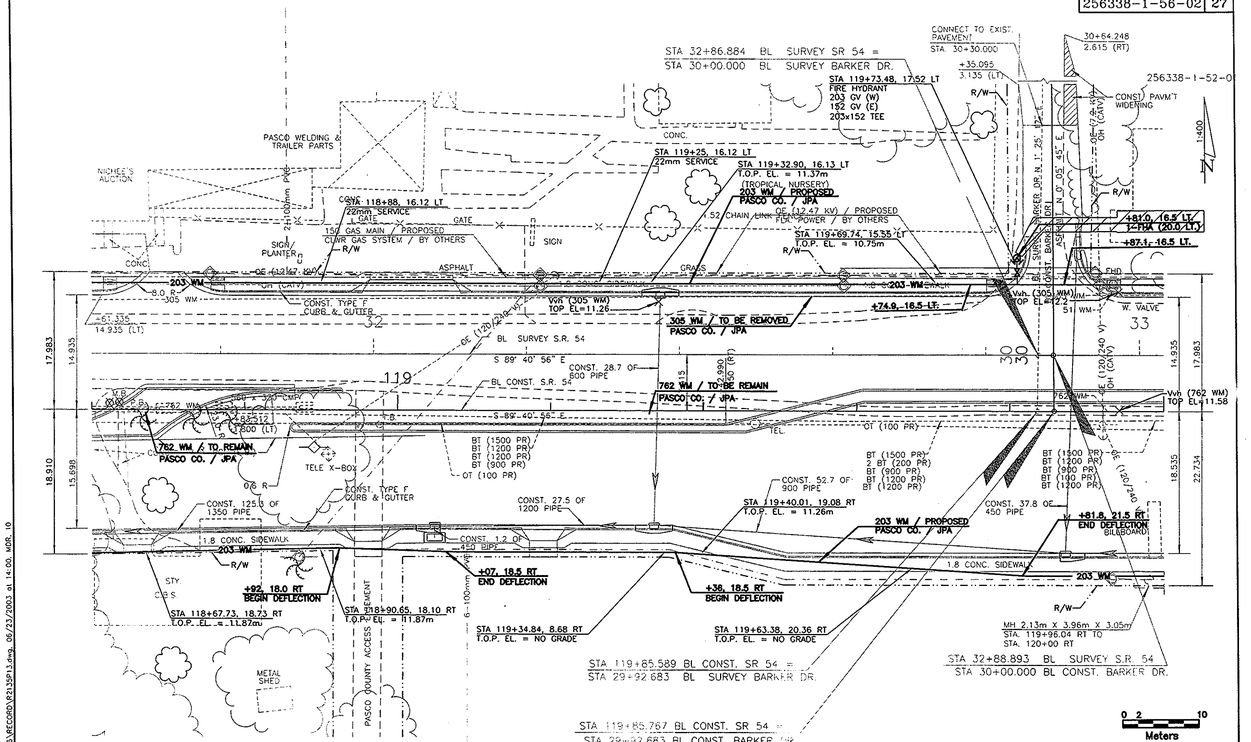
JPA FPN	SHEET NO.
256338-1-56-02	27



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/98	SURV CHIEF	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTIS	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No.: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

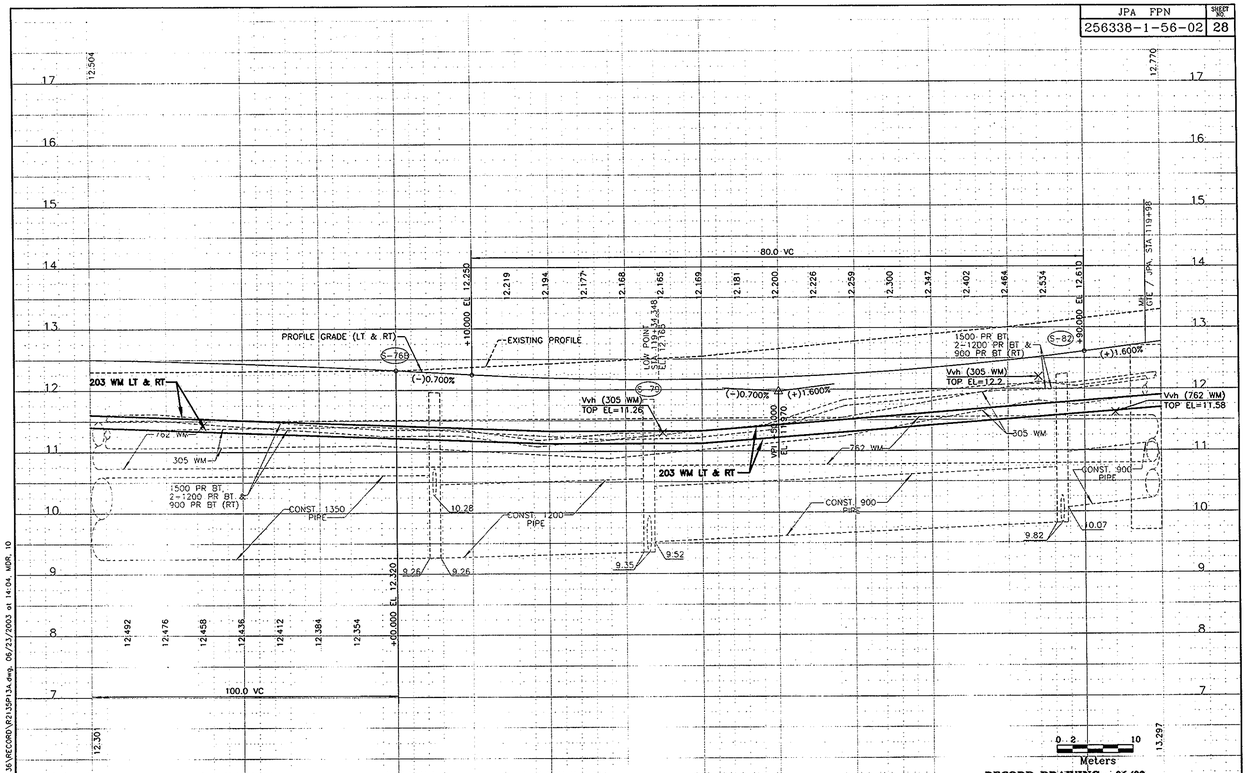
PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 118+60 TO STA 120+00

SHEET NO. P-13

PW DIRECT
W:\CADD\23238\RECORD\P23238P13.dwg, 06/23/2003 at 14:00, MOR, 10

JPA FPN	SHEET NO.
256338-1-56-02	28



RECORD DRAWING - 06/03

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JBL	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED	J. BURDY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No. 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 8731 RIDGE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 118+50 TO STA 120+00

SHEET NO. P-13A

No. 3/SEE
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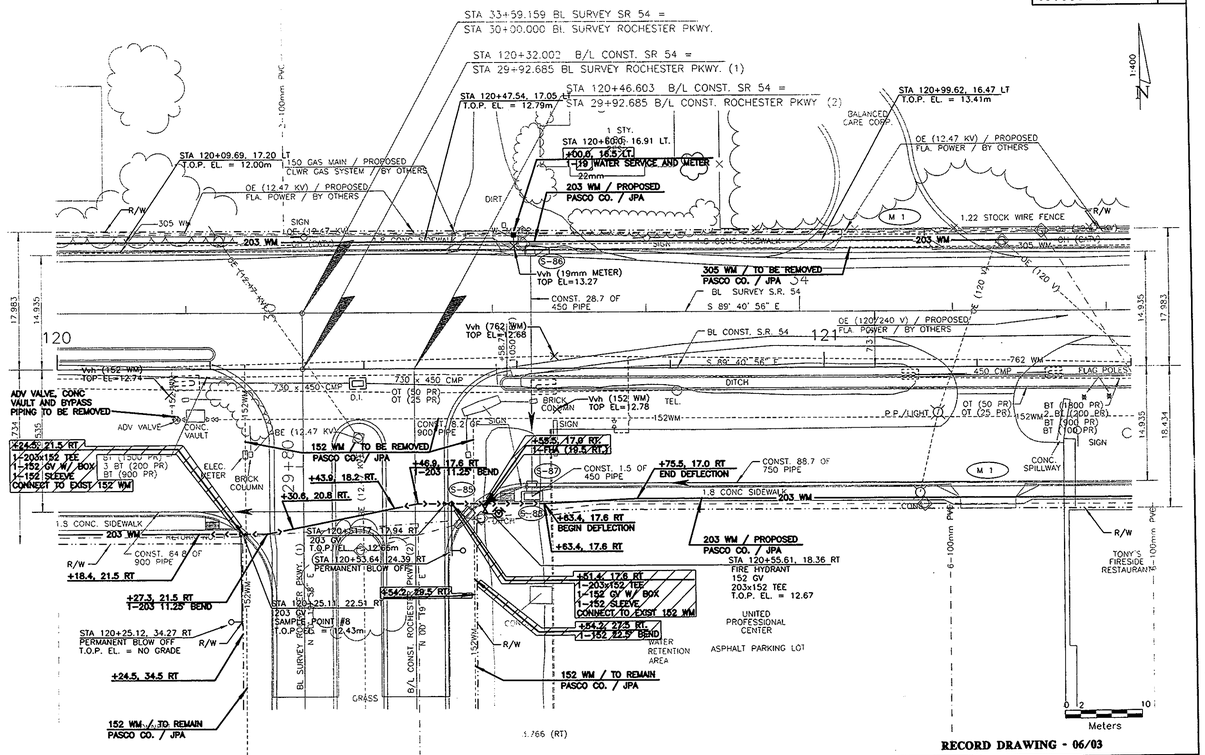
JPA FPN	SHEET NO.
256338-1-56-02	29



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	JSL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/99	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No.: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 120+00 TO STA 121+40

SHEET NO.
P-14

No. 26E0
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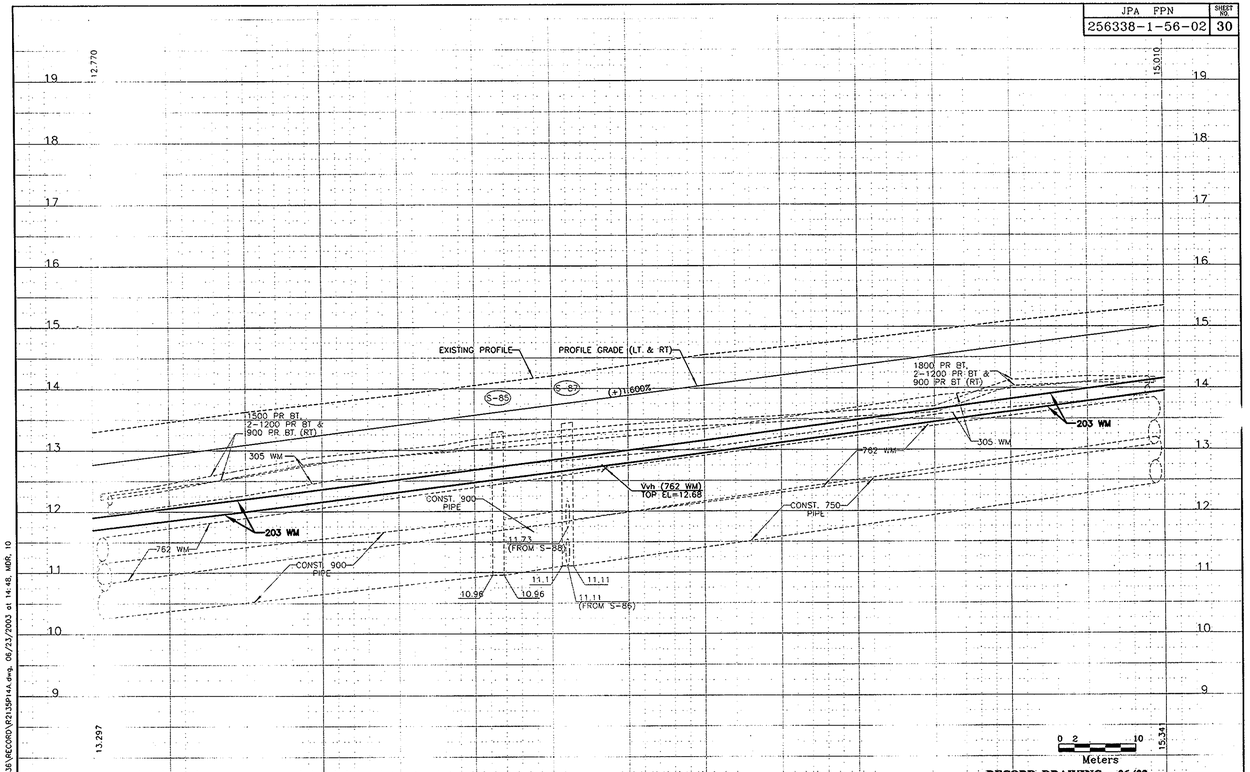
256338-1-56-02	30



RECORD DRAWING - 06/03

DATE	NO.	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	30	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	25	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED BY	J. BURBY	2/98	DRAWN BY	D.BURNHAM	2/98
REVIEWED BY	J.LOWE	11/00	CHECKED BY	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No.: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
PUBLIC WORKS CONSTRUCTION
5530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 120+00 TO STA 121+40

SHEET NO
P-14A

No. 2457
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JPA FPN	SHEET NO.
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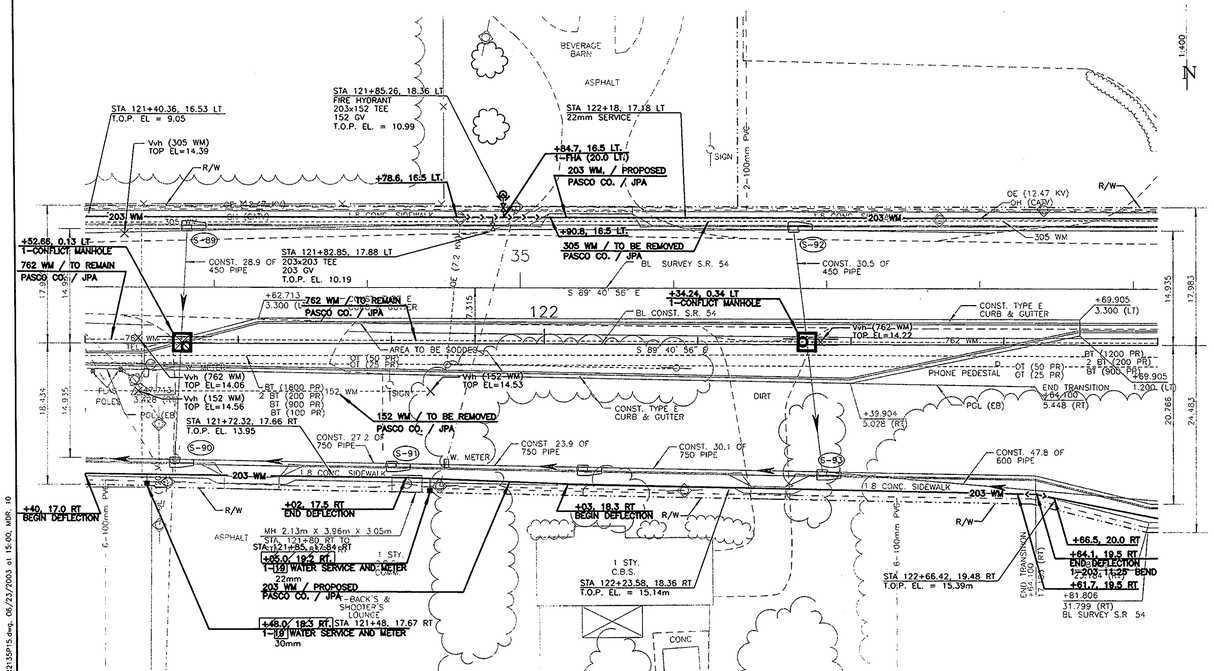

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JOL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURDY	2/00	DRAWN	D.BURNHAM	2/00
REVIEWED	J.LOWE	11/00	CHECKED	R.DeSANTO	11/00
APPROVED BY JEFFERY S. LOWE, P.E.			REG No: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PLAN SHEET - STA 121+40 TO STA 122+80

SHEET NO. P-15

No XREFs
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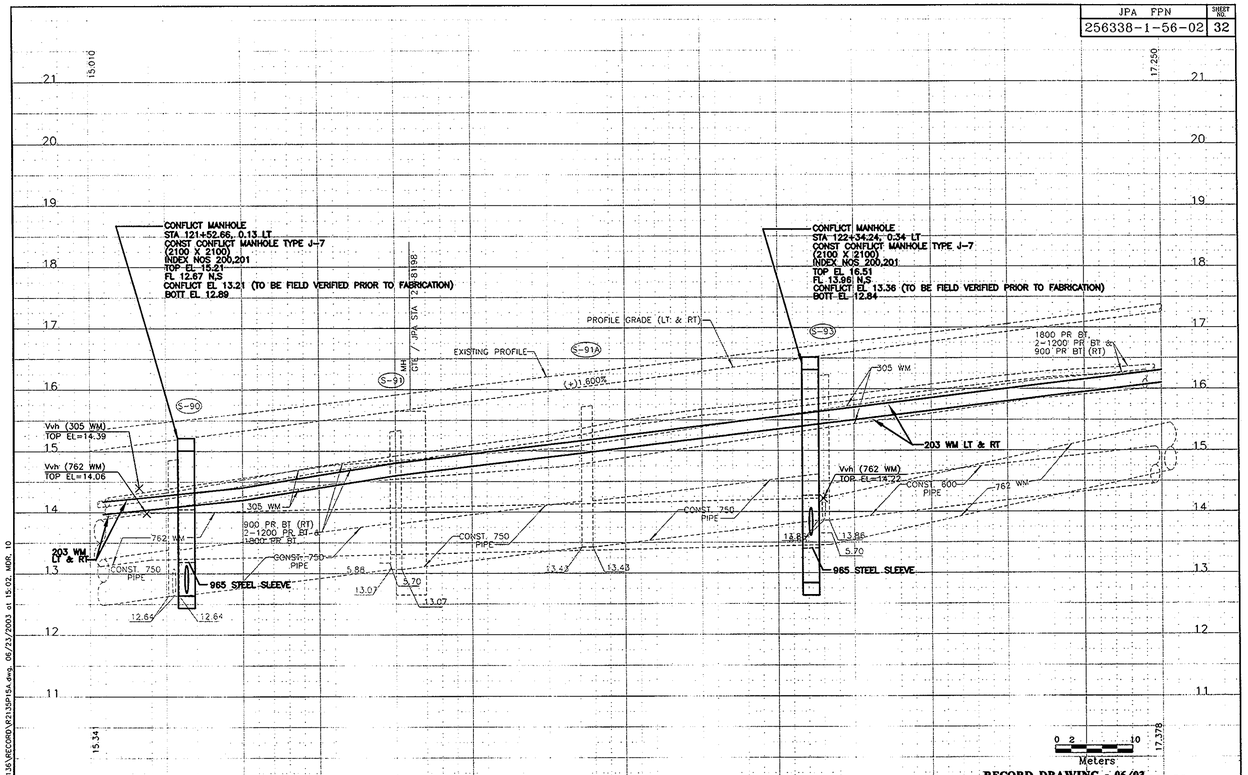

RECORD DRAWING - 06/03

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED BY	J. BURBY	2/99	DRAWN BY	D.BURNHAM	2/99
REVIEWED BY	J.LOWE	11/00	CHECKED BY	F.DeSANTO	11/00

APPROVED BY JEFFERY S. LOWE, P.E. REG No: 50017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PROFILE SHEET - STA 121+40 TO STA 122+80

SHEET NO. P-15A

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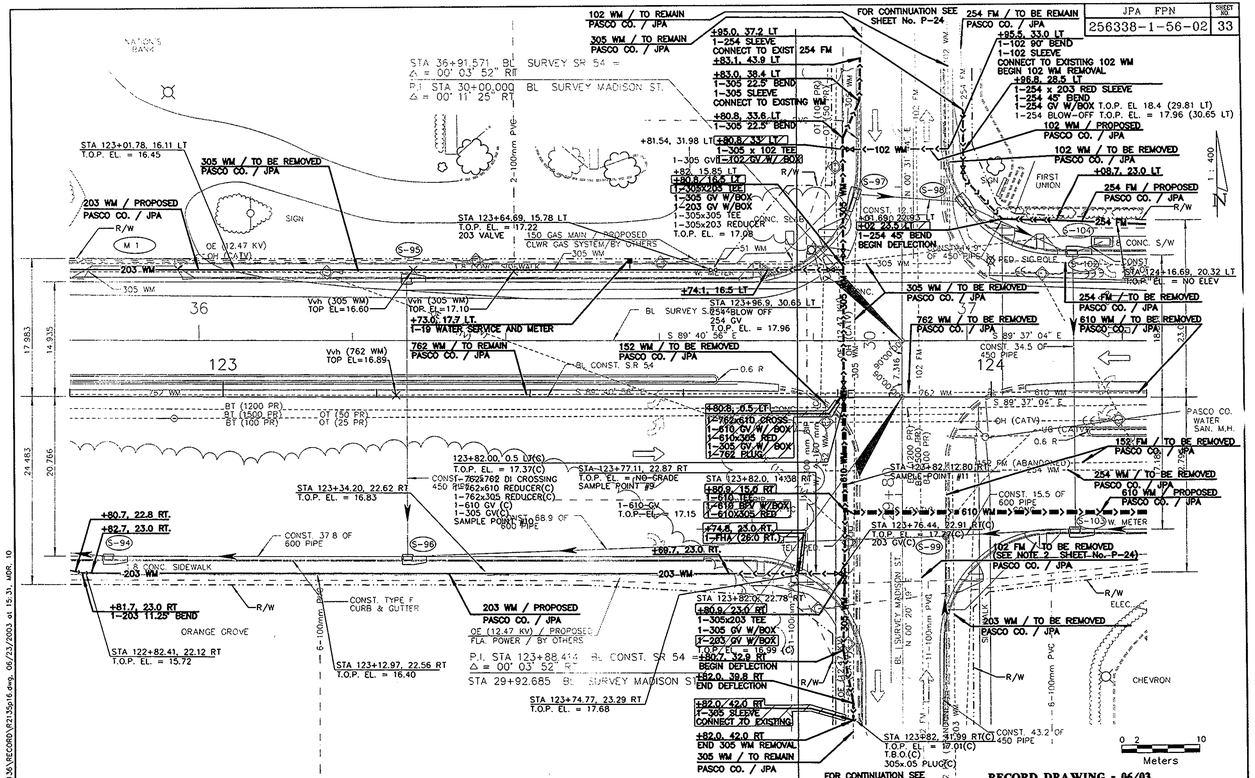


REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE	SIGN	NAME	DATE
DESIGNED	J. BURBY	2/00	SIGN	D.BURNHAM	2/00
DRAWN	J.LOWE	11/00	CHECKED	T.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E. REG No: 52017					

Issue Certification

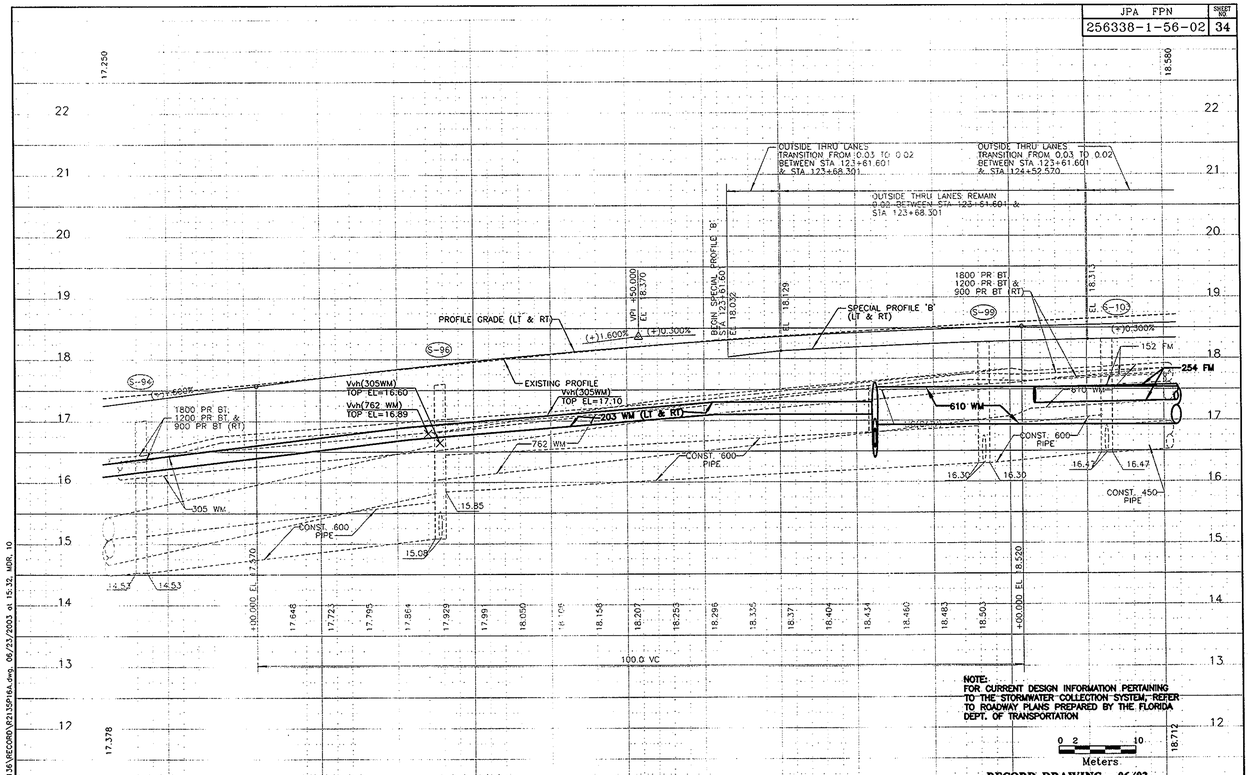
PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 122+80 TO STA 124+20

SHEET NO. P-16

No. JOBS\256338\232\VA\RECORD\8235s16.dwg, 06/23/2003 at 15:31, MDR, 10



NOTE:
FOR CURRENT DESIGN INFORMATION PERTAINING TO THE STORMWATER COLLECTION SYSTEM, REFER TO ROADWAY PLANS PREPARED BY THE FLORIDA DEPT. OF TRANSPORTATION

0 2 10
Meters

RECORD DRAWING - 06/03

DATE	BY	REVISIONS DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/98	DRAWN	S.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.				REG No: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
3010 N. MILITARY TRAIL
BOCA RATON, FLORIDA 33431
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 8731 OLD PASCO ROAD NEW RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 122+80 TO STA 124+20

SHEET NO. P-16A

No. 25654
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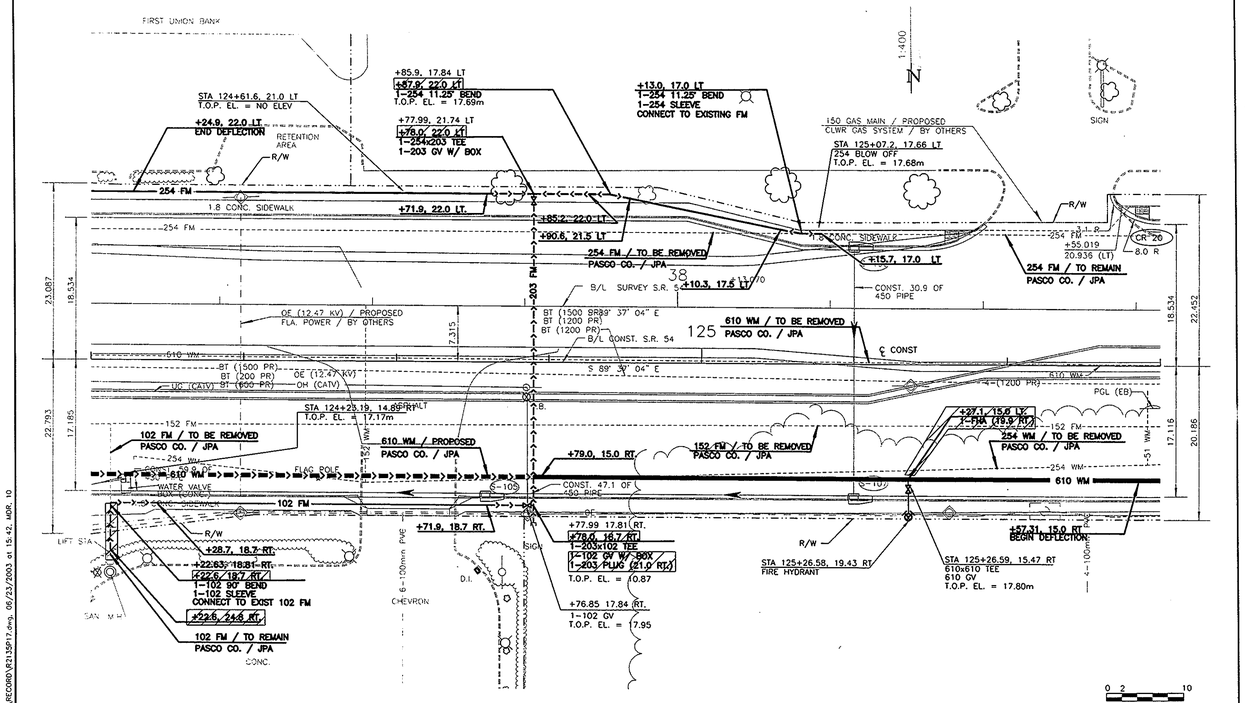
256338-1-56-02		35



RECORD DRAWING - 06/03

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JEL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE	NAME	DATE
DESIGNED	J. BUSBY	2/00	D.BURNHAM	2/00
REVIEWED	J.LOWE	11/00	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Gainesville, Florida 32601
(813) 533-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PLAN SHEET - STA 124+20 TO STA 125+60

SHEET NO
P-17

No. XREFs: 1 232136\RECORD\B2125P17.dwg, 06/23/2003 at 15:42, MOR, 10

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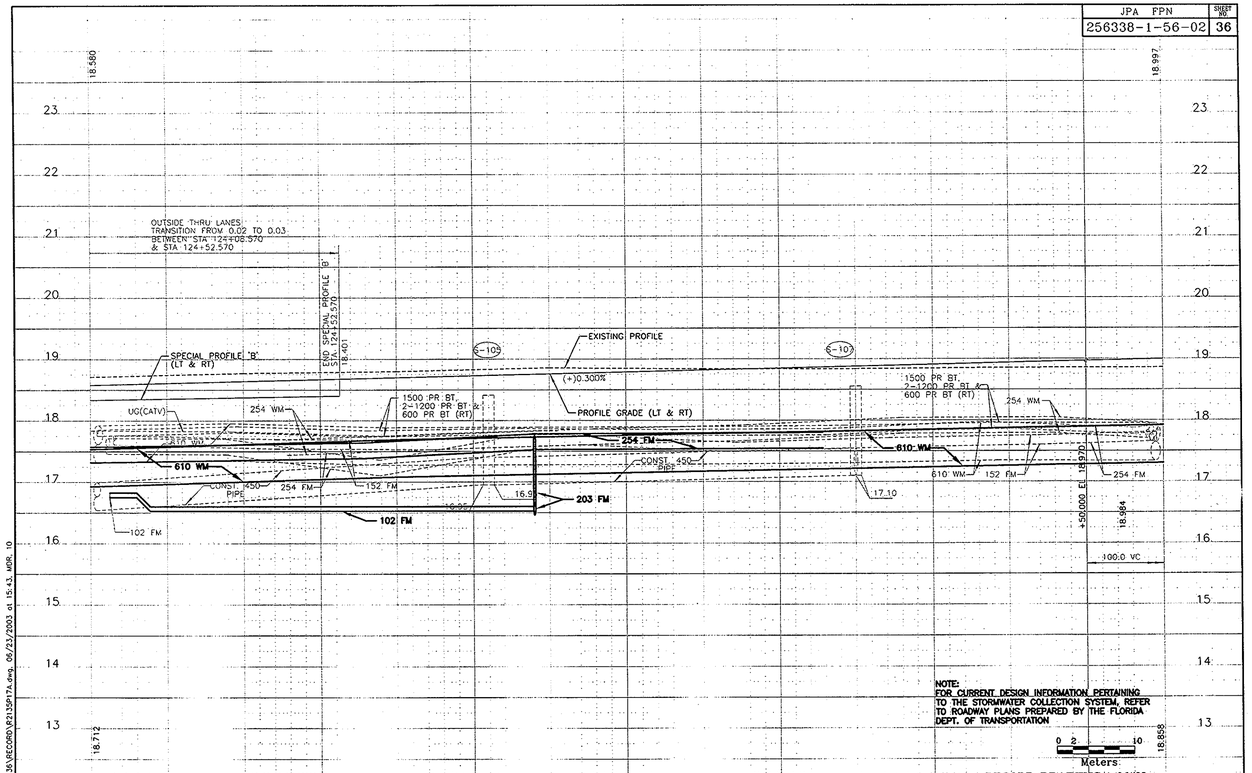
256338-1-56-02	36



DATE	REV	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	1	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	0	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4500

PASCO COUNTY UTILITIES CONSTRUCTION 8530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PROFILE SHEET - STA 124+20 TO STA 125+60

SHEET NO. P-17A

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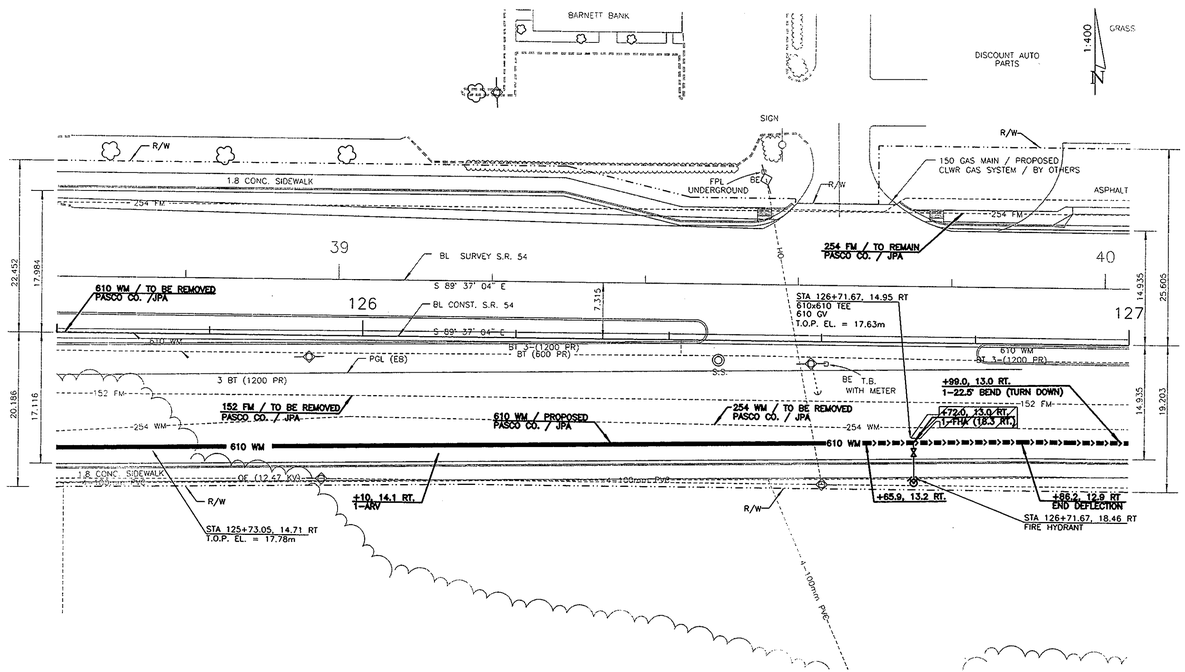
256338-1-56-02	37



RECORD DRAWING - 06/03

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	DSL	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED	J. BURDY	2/99	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No.: 50017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4600

PASCO COUNTY UTILITIES CONSTRUCTION 8731 OLD PASCO ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 125+60 TO STA 127+00

SHEET NO. P-18

No XREFs
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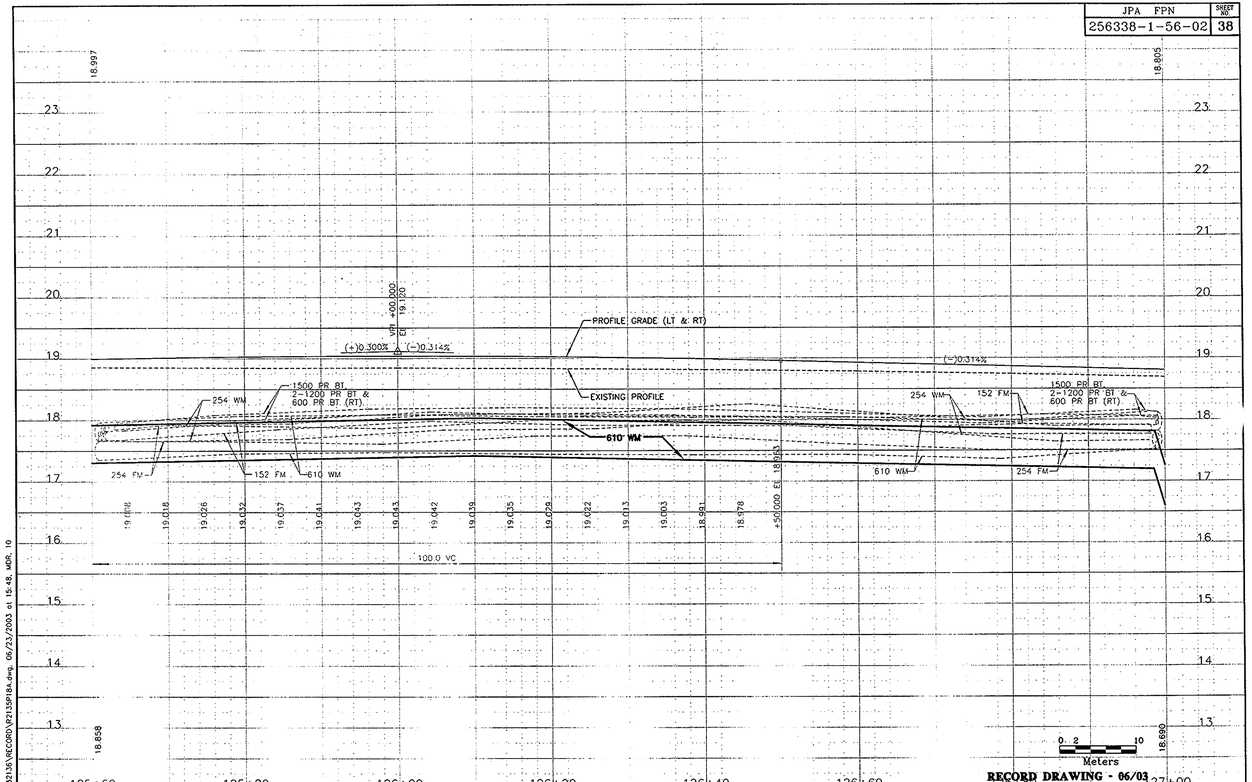
JPA	FPN	SHEET NO.
256338	1-56-02	38



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	JSL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
RECORD DRAWING	J. BURBY	2/98	DESIGN CHECKER	D.BURNHAM	2/98
REVIEWER	J.LOWE	11/00	CHECKER	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No. 52017

Issue Correspondence

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PROFILE SHEET - STA 125+60 TO STA 127+00

SHEET NO. P-18A

N:\ JOBS\ 23213\ RECORD\ P2135P18A.dwg, 06/23/2003 at 15:48, MDR, 10

JPA FPN	SHEET NO.
256338-1-56-02	39

END PROJECT
STA 40+08.128 BL SURVEY SR 54

STA 40+35.216 BL SURVEY SR 54 =
STA 30+00.000 BL SURVEY CHESAM DR.

STA 127+32.032 BL CONST. SR 54 =
STA 29+92.684 BL SURVEY CHESAM DR.

1:400

R/W

DISCOUNT AUTO PARTS

BL SURVEY CHESAM DR.
N 00° 32' 41" E

UNION PLANTERS BANK

ASPHALT

254 FM / TO REMAIN
PASCO CO. / JPA

305 FM / TO REMAIN
PASCO CO. / JPA

152 GM

254 GM

305 FM

OH (CATV)

EXIST. 1.8 CONC. SIDEWALK

610 WM / TO BE REMOVED
PASCO CO. / JPA

25.60
14.93

127

30

BL SURVEY S.R. 54

S 89° 37' 04" E

BL CONST. S.R. 54

90°00'00"
90°00'00"
7.315

41

BT

128

610 WM

BT 1=(1200 PR)

S 89° 37' 04" E

S 89° 55' 24" E

152 FM / TO BE REMOVED
PASCO CO. / JPA

254 WM / TO BE REMOVED
PASCO CO. / JPA

610 WM / TO BE REMOVED
PASCO CO. / JPA

203 WM

9.203
14.935

610 WM / PROPOSED
PASCO CO. / JPA

152 FM

S THRUST (D-2) COLLAR

610 WM / TO REMAIN
PASCO CO. / JPA

P.I. STA. 134+00.00 BL CONST. S.R.54 (ENGLISH) S.P.N. 14570-3517=
STA. 127+81.165 BL CONST. S.R.54 (METRIC) S.P.N. 14570-3519
Δ = 00° 18' 20" LT

610 WM

+2.0, 12.8 RT.
1-22.5° BEND
(TURN UP)

4-100mm PVC

S-INLET

4-100mm PVC

EXIST. 1.8 CONC. SIDEWALK

OE (12.47 KV)

STA 127+02.84, 13.85 RT
T.O.P. EL. = NO GRADE

R/W

END STATE PROJECT NO. 14570-3519
BEGIN STATE PROJECT NO. 14570-3517
BEGIN MILLING AND RESURFACING

+8.4, 12.8 RT.

BL CONST. SR 54 STA 127+04.965
CONNECT TO EXIST. PAVT.

+8.0, 12.8 RT
REMOVE 610X254 REDUCER
1-610 PLUG (IN BRANCH)
CONNECT TO EXISTING WM

STA 127+08.67, 13.85 RT
SAMPLE POINT #12

4-100mm PVC

LIMITS OF MILLING AND RESURFACING
MATCH EXISTING PAVEMENT

0 2 10

RECORD DRAWING 06/03/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00		RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED BY	J. BURBY	2/98	DRAWN BY	D.BURNHAM	2/98
REVIEWED BY	J.LOWE	11/00	CHECKED BY	P.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.				REG. No.: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PLAN SHEET - STA 127+00 TO STA 128+40

SHEET NO. P-19

No XREFs
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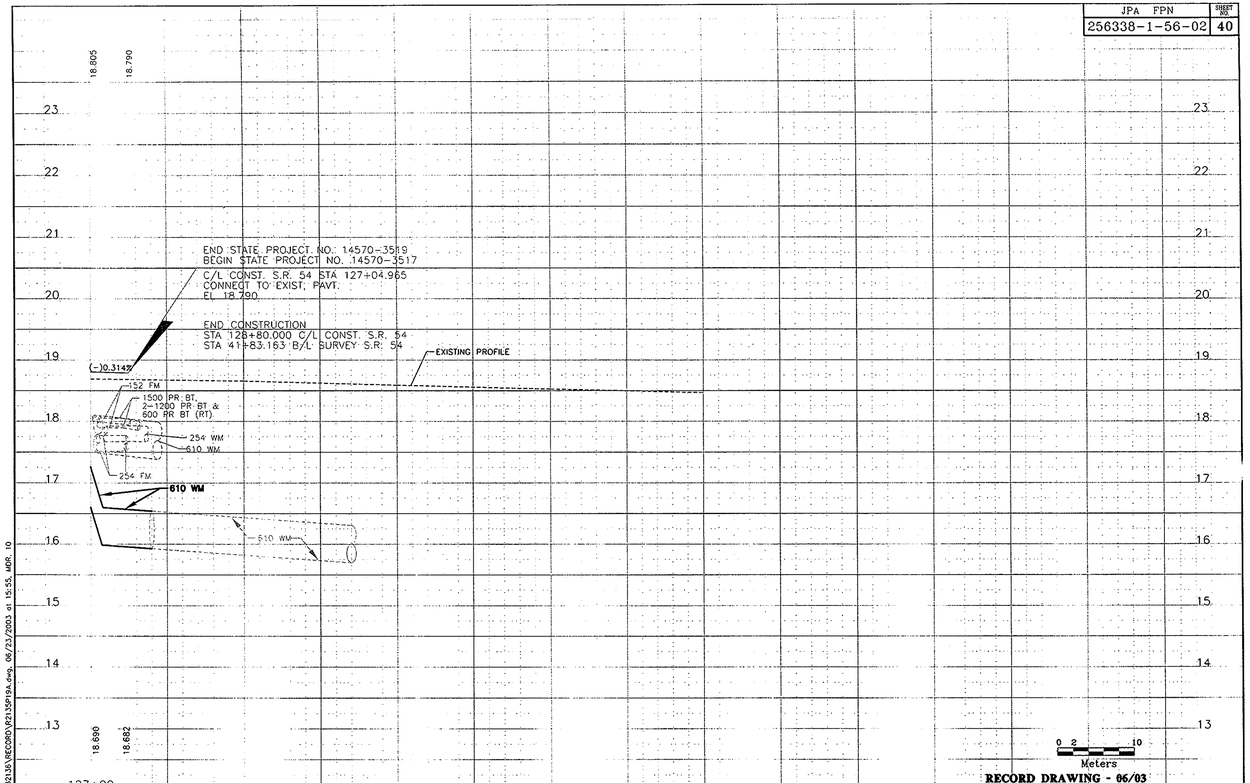
JPA FPN	SHEET NO
256338-1-56-02	40



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00		RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/99	DRAWN	D.BURNHAM	2/99
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			MFS No.: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 127+00 TO STA 127+80

SHEET NO
P-19A

No. VREF's
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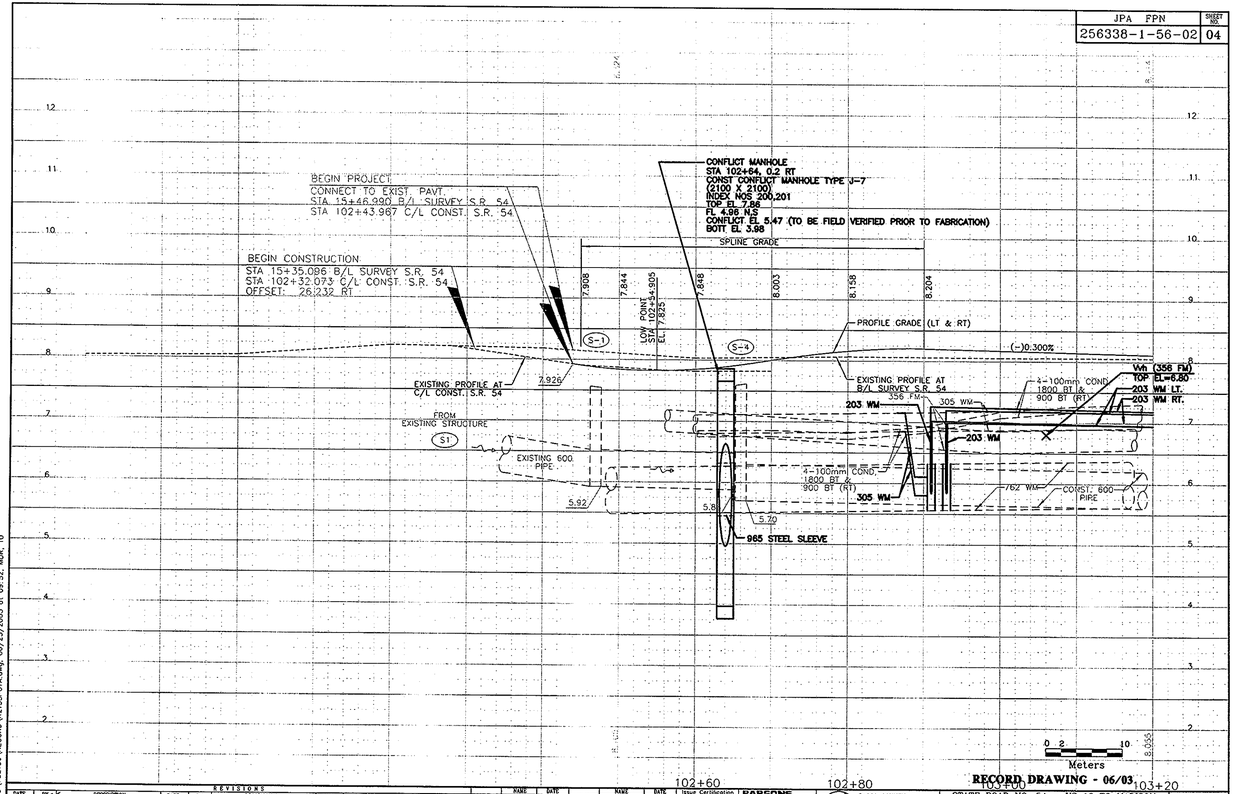
JPA FPN	SHEET NO.
256338-1-56-02	04



RECORD DRAWING - 06/03

DATE	BY	DESCRIPTION
06/03	JSL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)
11/00	JSL	ISSUED FOR BIDDING/CONSTRUCTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

	NAME	DATE		NAME	DATE
DESIGNED BY	J. BURBY	2/98	DRAWN BY	D.BURNHAM	2/98
REVIEWED BY	J.LOWE	11/00	CHECKED BY	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.				REG No: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
5400 Lakewood
Tampa, Florida
(813) 933-4650

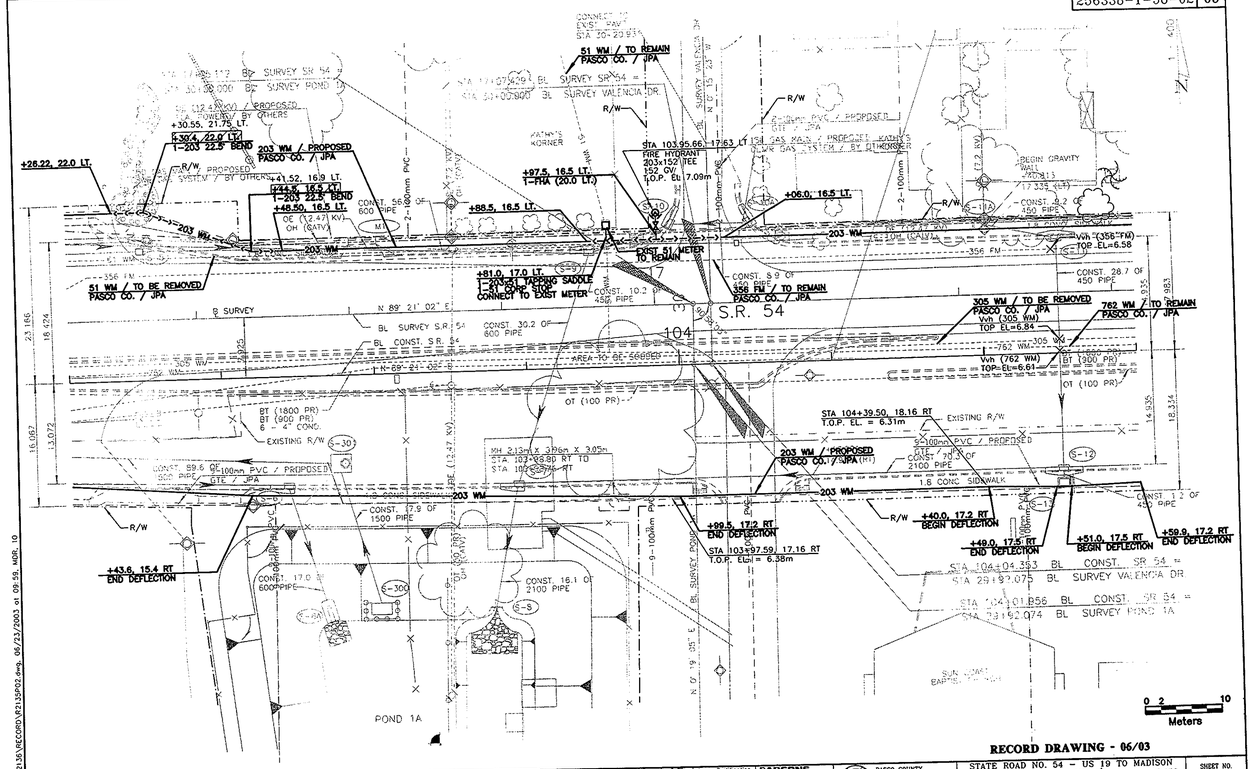
PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 102+00 TO STA 105+20

SHEET NO. P-1A

No. 25E5
J:\CAD\73235\RECORD\P2135P01A.dwg, 06/23/2003 at 09:52, MDR, 10

JPA PPN	SHEET NO.
256338-1-56-02	05



RECORD DRAWING - 06/03

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE
DESIGNED	J. BUSBY	2/98
REVIEWED	J.LOWE	11/00
APPROVED		
DRAWN BY	D.BURNHAM	2/98
CHECKED BY	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
2500 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 103+20 TO STA 104+60

SHEET NO. P-2

PW, WRET
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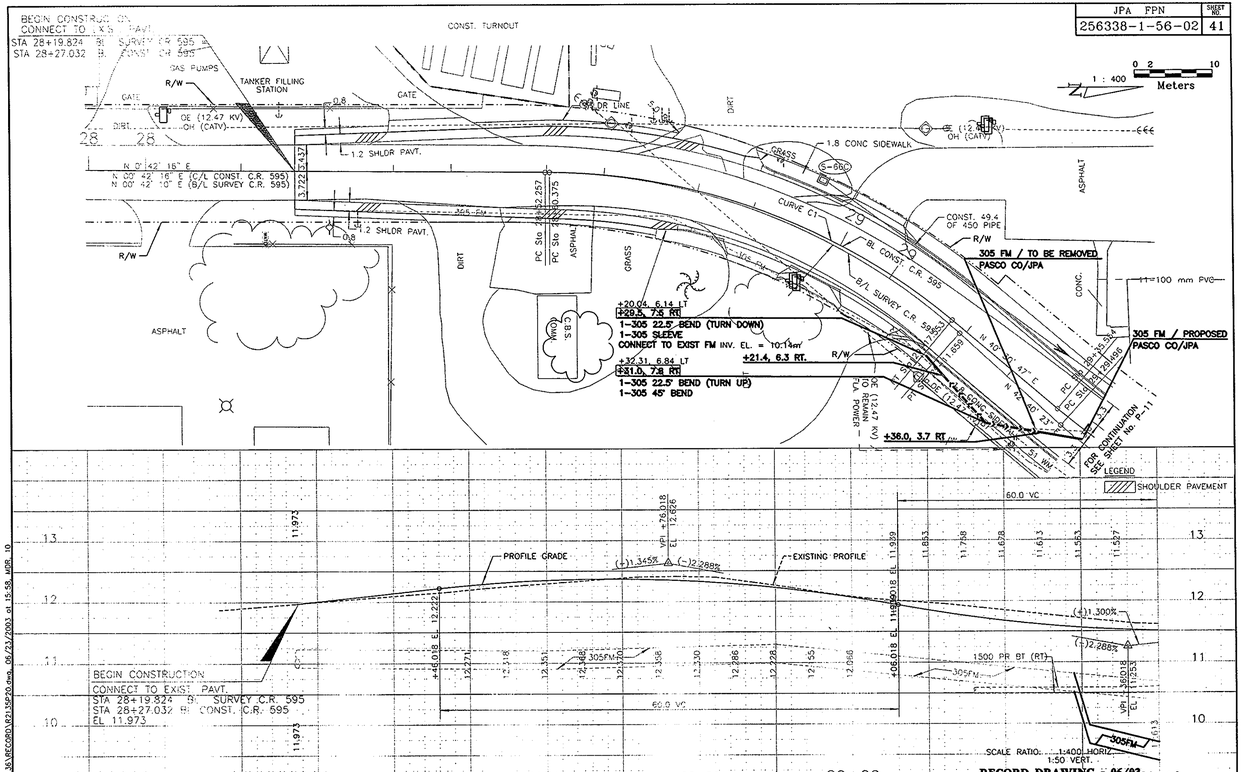
JPA FPN	SHEET NO.
256338-1-56-02	41



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00		RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE
DESIGNED	J.BURDRY	5/98
REVIEWED	J.LOWE	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.		

	NAME	DATE
DRAWN	D.BURNHAM	5/98
CHECKED	F.DeSANTO	11/00
REG No: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
CR 595 - PLAN & PROFILE SHEET
STA 28+00 TO STA 29+40

SHEET NO
P-20

No. 39EFA
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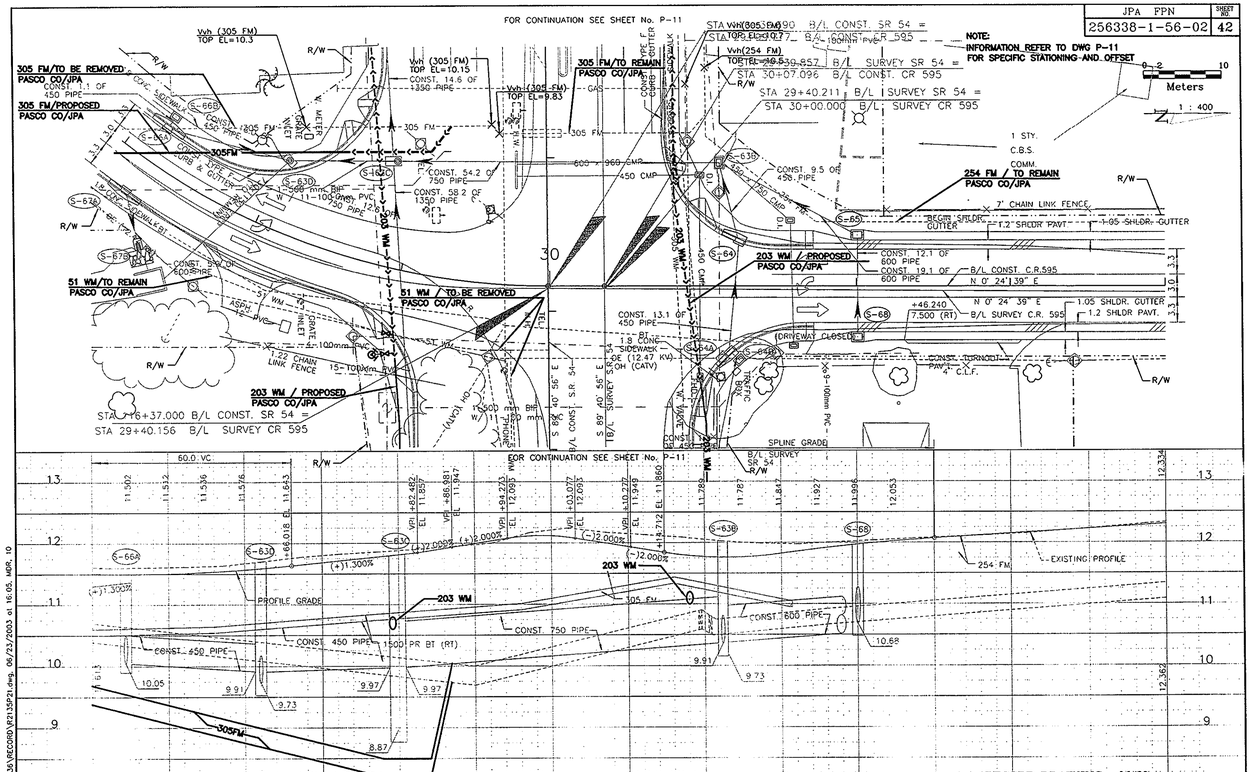
JPA PPN	SHEET NO
256338-1-56-02	42



RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/02		RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J.BRIMBRY	2/00	DRAWN	D.BURNHAM	2/00
REVISED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.					

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
CR 595 - PLAN & PROFILE SHEET
STA 29+40 TO STA 30+80

SHEET NO
P-21

No XREFs
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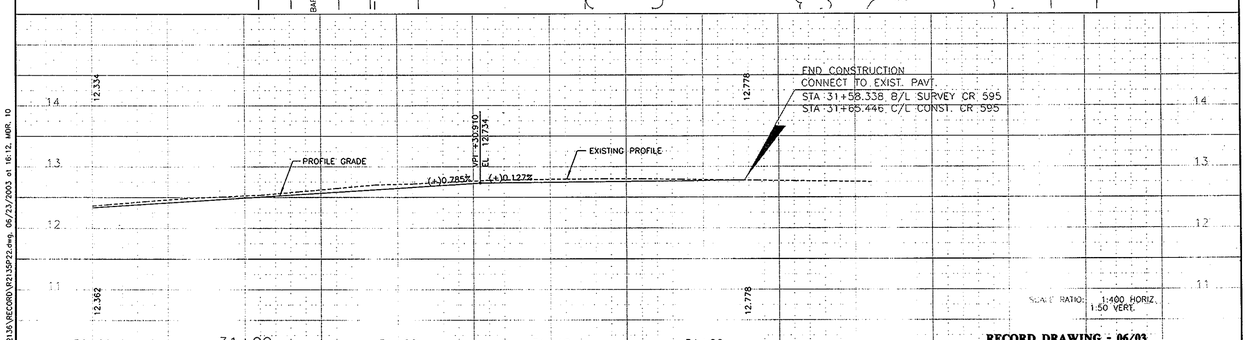
JPA FPN	SHEET NO.
256338-1-56-02	43

END CONSTRUCTION
CONNECT TO EXIST. PAVT.
STA 31+58.338 B/L SURVEY CR 595
STA 31+65.446 B/L CONST. CR 595

0 2 10
Meters

1 : 400

ASPHALT
R/W
1.2' SHLDR PAVT.
CONC. 10.720
8.779 (L1)
ASPHALT
CATE
GATE
CONC.
DIRT
POT Sta 31+82.880
254 FM
B/L CONST. C.R. 595
N 10° 24' 39" E
N 2° 00' 35" E
1.2' SHLDR PAVT.
N 00° 44' 40" E
B/L SURVEY C.R. 595
3.662
3.988
OE (12.47 LV)
OH (CATV)
254 FM / TO REMAIN
PASCO CO/JPA
ABANDONED HOME SITE
CONC.
BARTON ST.



RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD BEARING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE
DESIGNED BY	J.BURBY	2/98
REVIEWED BY	J.LOWE	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.		

	NAME	DATE
DRAWN BY	B.BURNHAM	2/98
CHECKED BY	F.DeSANTO	11/00
REG No: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
CR 595 - PLAN & PROFILE SHEET
STA 30+80 TO STA 31+82.88

SHEET NO. P-22

No. XREFs:
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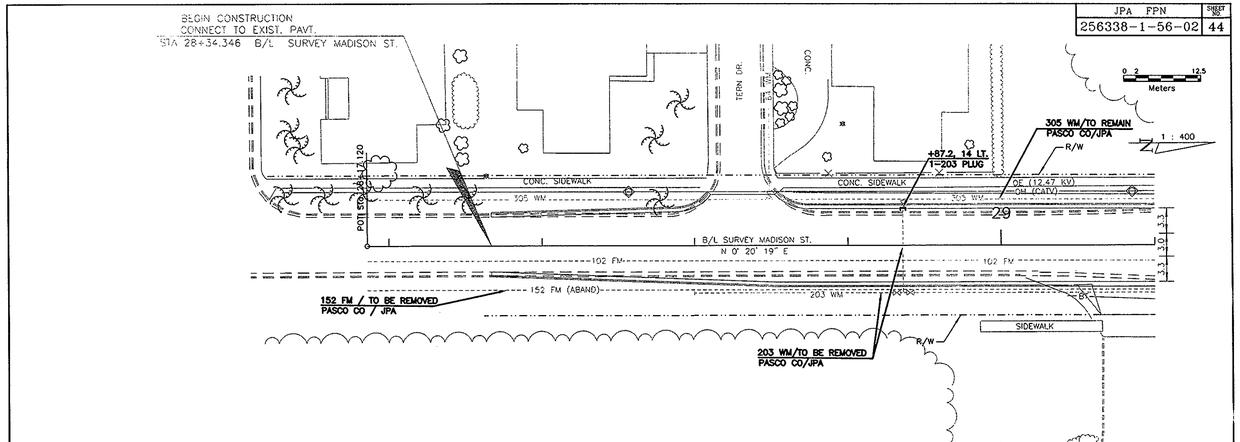
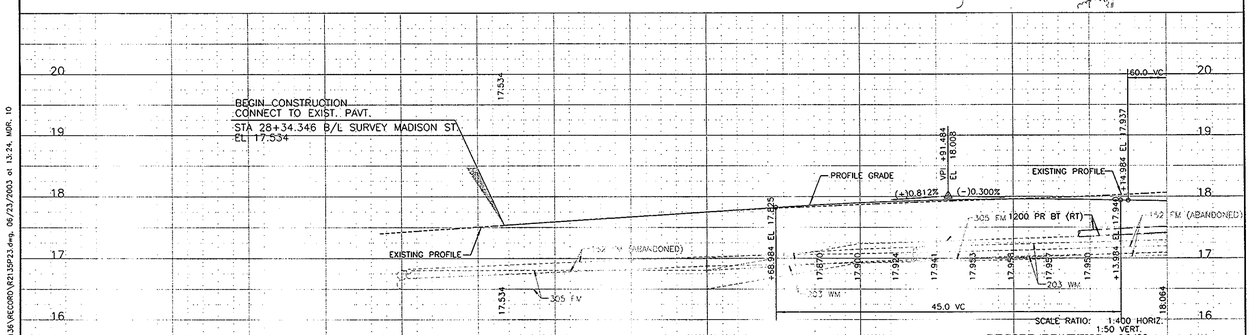
JPA FPN	SHEET NO.
256338-1-56-02	44





RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE
DESIGNED	J.BURSKY	2/98
REVIEWED	J.LOWE	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.		

	NAME	DATE
DRAWN	D.BURNHAM	2/98
CHECKED	F.DeSANTO	11/00
REG No: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 932-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
MADISON STREET - PLAN & PROFILE SHEET
STA 28+20 TO STA 29+20

SHEET NO. P-23

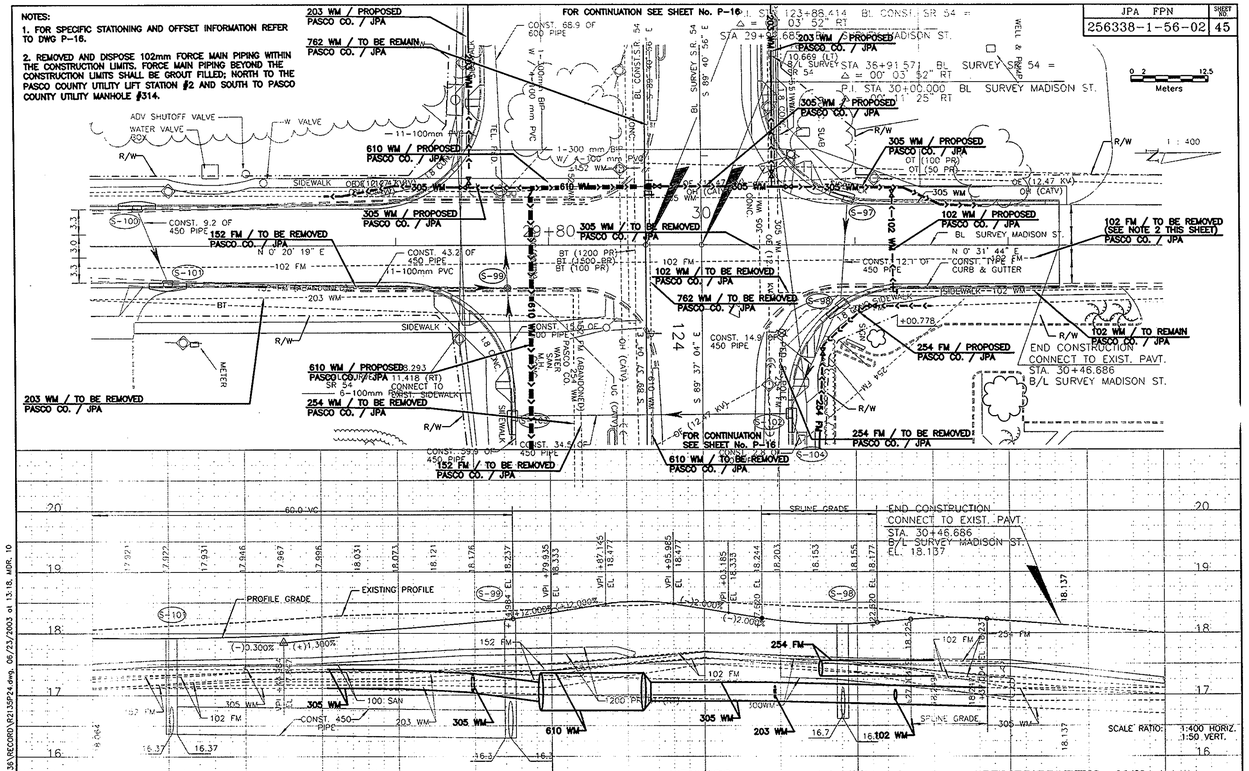
No. XREFs 2 (CADD\132135\RECORD\R21SP23.dwg, 06/23/2003 at 13:24, WOR. 10

NOTES:

1. FOR SPECIFIC STATIONING AND OFFSET INFORMATION REFER TO DWG P-16.

2. REMOVED AND DISPOSE 102mm FORCE MAIN PIPING WITHIN THE CONSTRUCTION LIMITS. FORCE MAIN PIPING BEYOND THE CONSTRUCTION LIMITS SHALL BE GROUT FILLED; NORTH TO THE PASCO COUNTY UTILITY LIFT STATION #2 AND SOUTH TO PASCO COUNTY UTILITY MANHOLE #314.

JPA FPN	SHEET NO.
256338-1-56-02	45



REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)					
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION					

	NAME	DATE		NAME	DATE
DESIGNED	J.BUSBY	5/99	DRAWN	D.BURNHAM	5/99
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.					

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

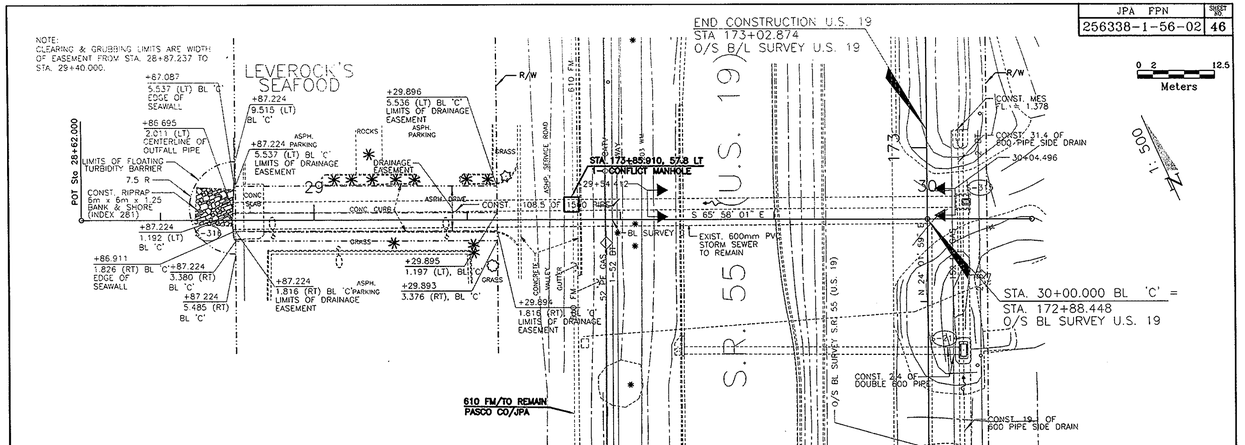
STATE ROAD NO. 54 – US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
MADISON STREET – PLAN & PROFILE SHEET
STA 29+20 TO STA 30+46.686

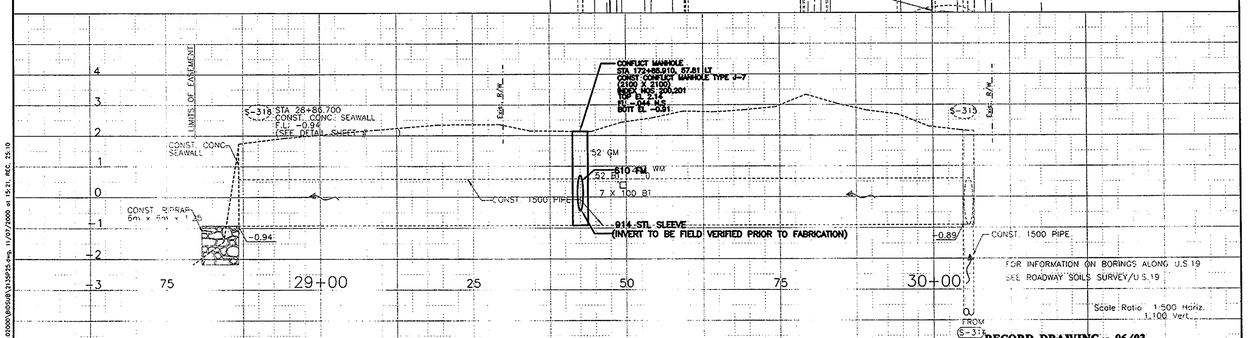
SHEET NO. P-24

RE: 10FEB 2003 CADD\1232135\RECORD\R2135P24.dwg, 06/23/2003 at 13:18, WDR, 10

JPA FPN	SHEET NO.
256338-1-56-02	46

NOTE:
CLEARING & GRUBBING LIMITS ARE WIDTH OF EASEMENT FROM STA. 28+87.237 TO STA. 29+40.000.





RECORD DRAWING - 06/03

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JDL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE	NAME	DATE
DESIGNED	J.BURBY	2/98	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4500

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
US 19 OUTFALL - PLAN & PROFILE SHEET
STA 28+86.896 TO STA 30+00

SHEET NO. P-25

No. 30874
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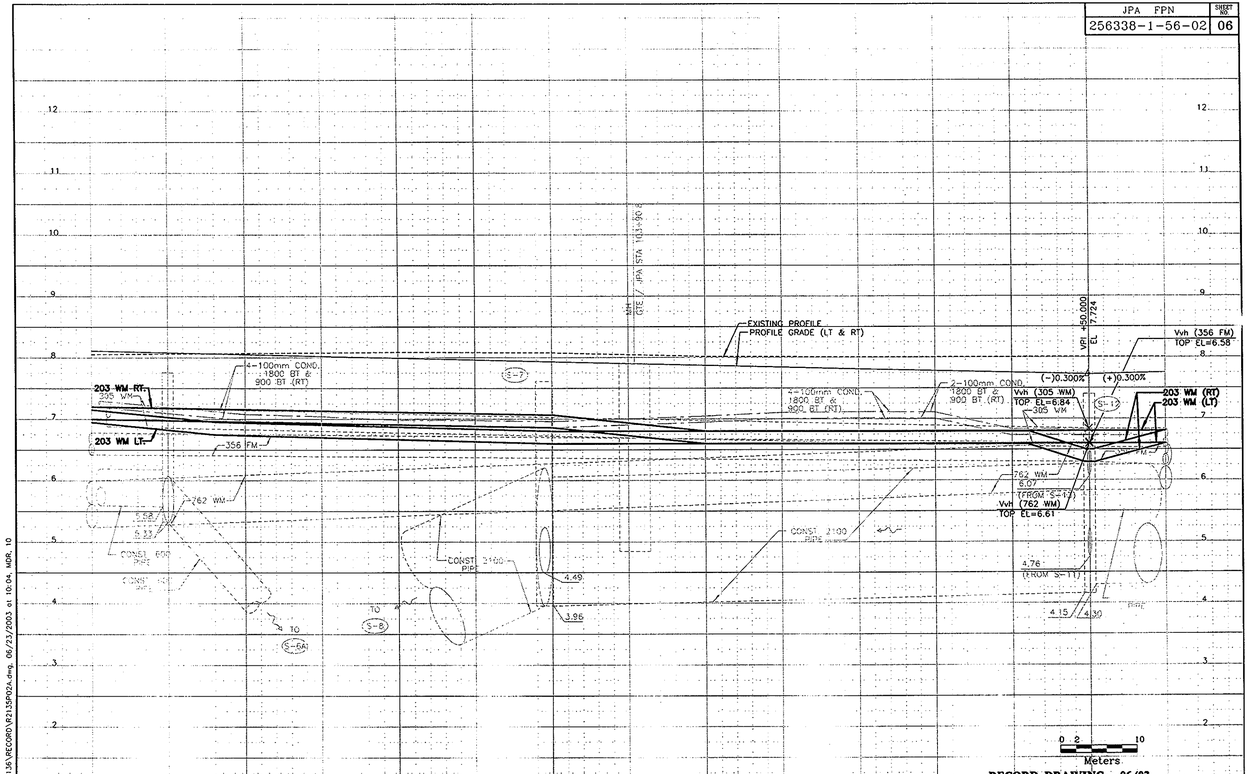
JPA FPN	SHEET NO.
256338-1-56-02	06



RECORD DRAWING - 06/03

DATE	BY	REVISIONS DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03	JBL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JBL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE
DESIGNED	J. BURBY	2/98
DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00
CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.		REG No: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Parsons Place
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 8731 RIDGE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 103+20 TO STA 104+60

SHEET NO. P-2A

No XREFs
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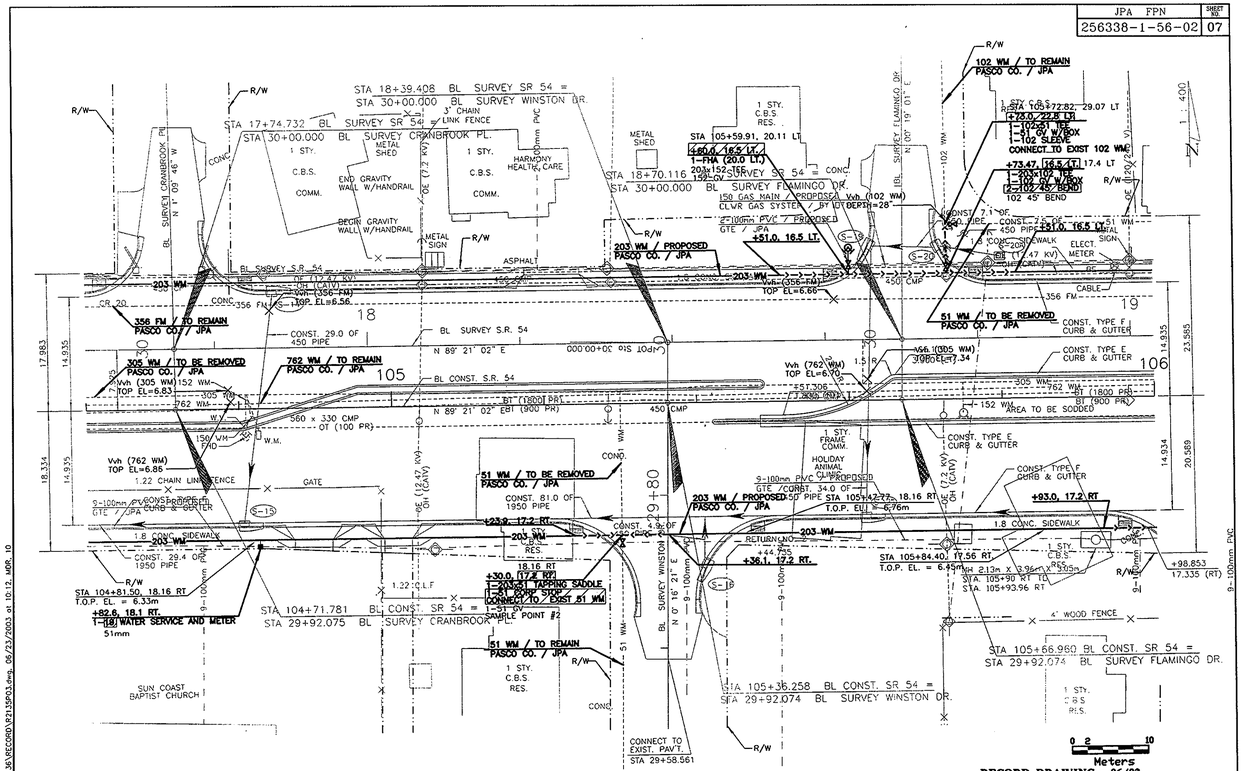
256338-1-56-02	07



RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	
06/03	JDL	RECORD DRAWING (SEE NOTES ON TITLE SHEET)							
11/00	JDL	RELEASED FOR BIDDING/CONSTRUCTION							

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/00	DRAWN	D.BURNHAM	2/00
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No.: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 104+60 TO STA 106+00

SHEET NO. P-3

No XREFs
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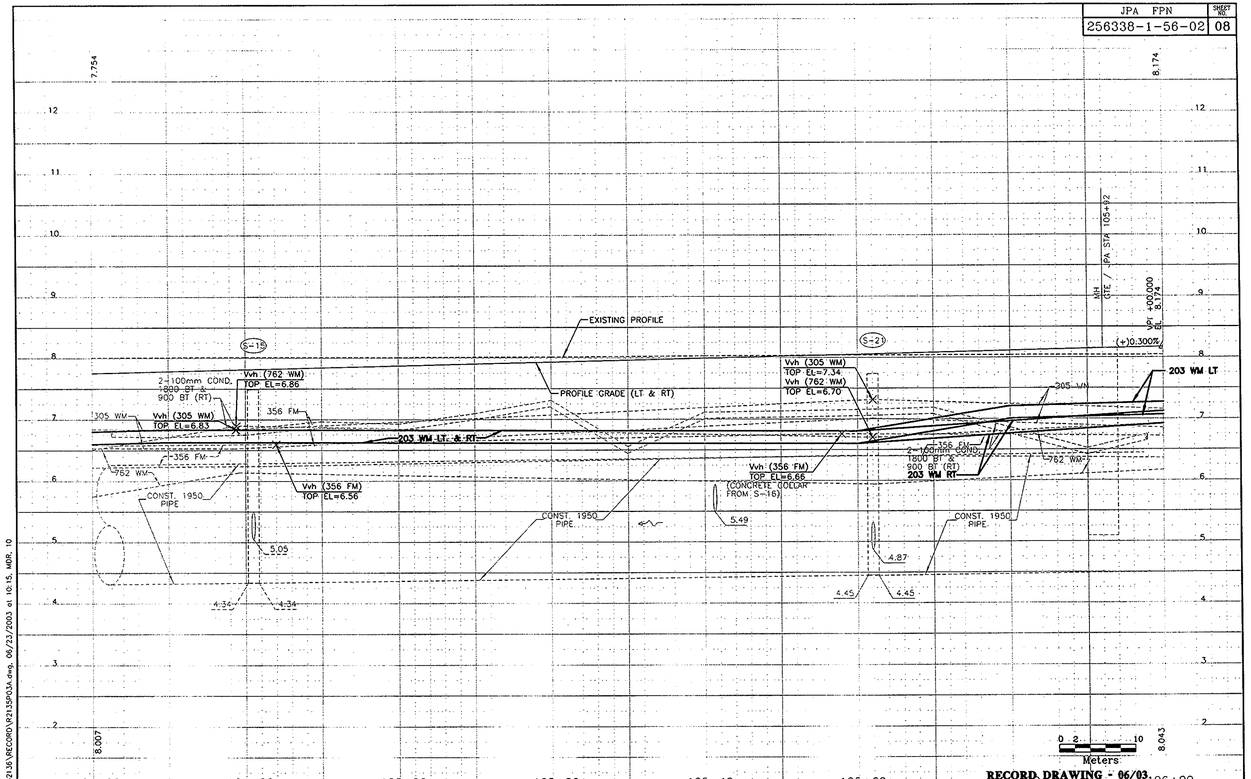

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	S. BURDY	2/99	DRAWN	D.BURNHAM	2/99
TECHNICAL REVIEW	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY	JEFFERY S. LOWE, P.E.		REG No. 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 104+60 TO STA 106+00

SHEET NO.
P-3A

No. 25E5
No. 25E6

72215\RECORD\P21SPD3A.dwg, 06/23/2003 at 10:15, MDR, 10

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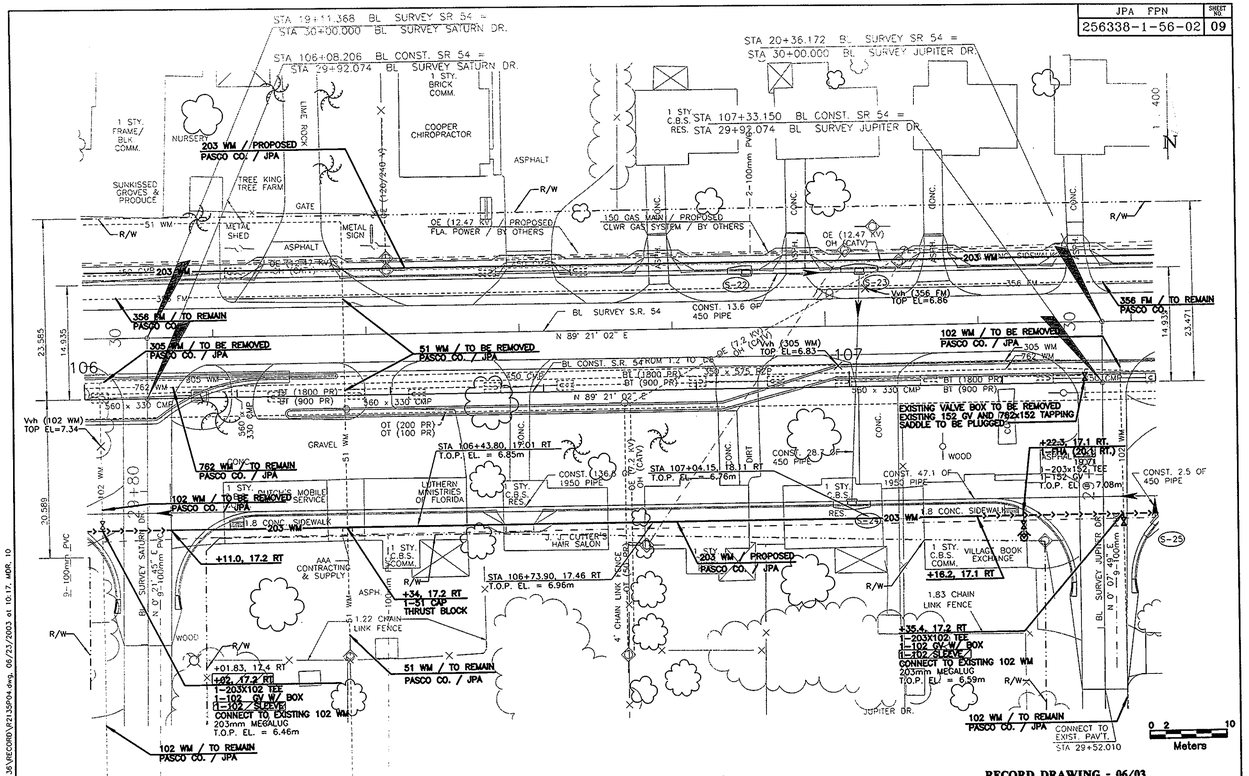
256338-1-56-02	09



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JBL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/99	TRAVS	D.BURNHAM	2/99
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No: 52017		

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 106+00 TO STA 107+40

SHEET NO.
P-4

No. 24525
Date: 06/23/2003 12:21:50 VRECORD\V2\13S904.dwg, 06/23/2003 at 10:17, MDR, 10

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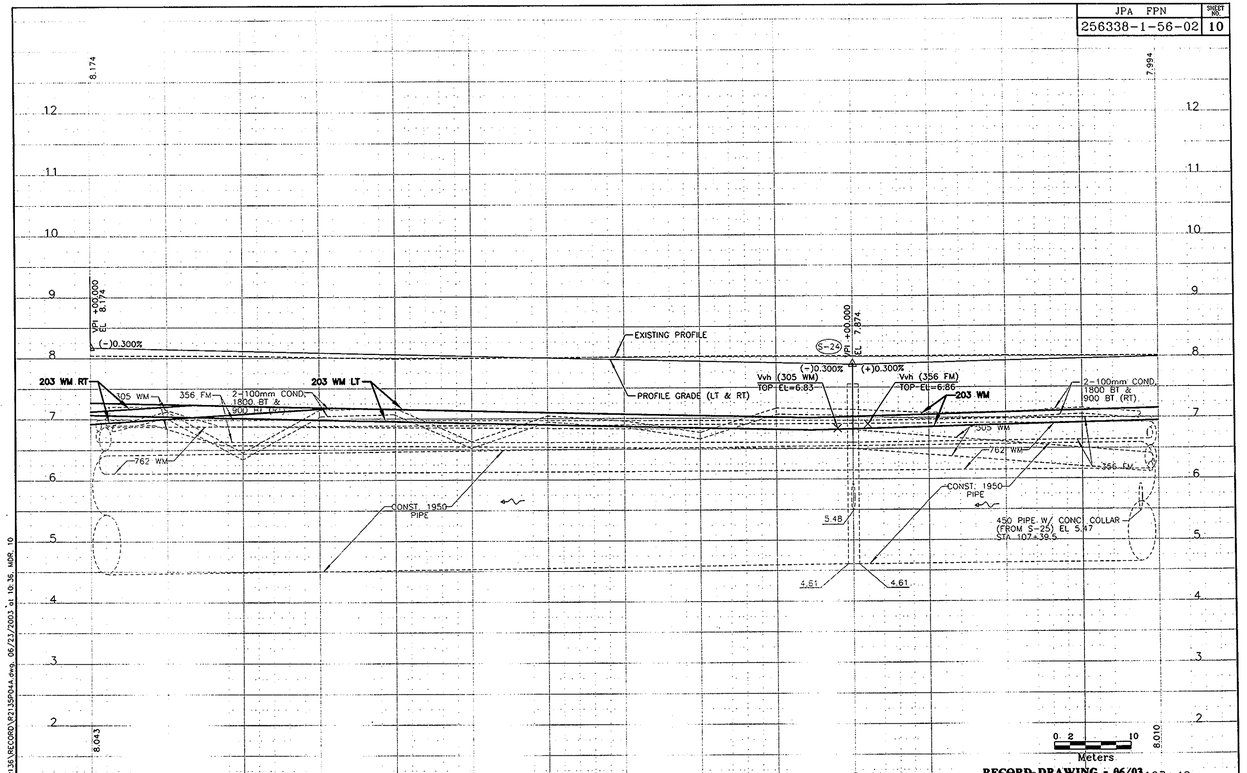
256338-1-56-02	10



RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		(1) RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED BY	J.LOWE	11/00	CHECKED BY	F.DeSANTIS	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No.: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 106+00 TO STA 107+40

SHEET NO. P-4A

No. REF:
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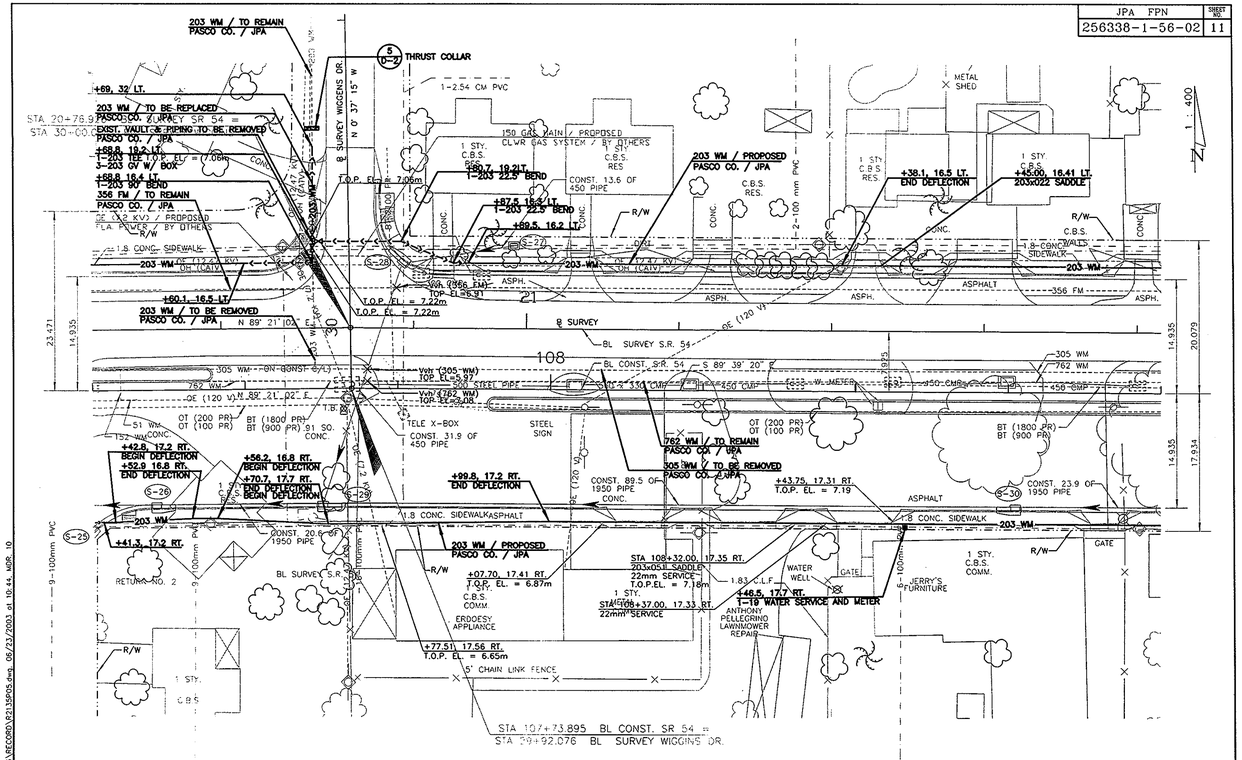
256338-1-56-02	11



RECORD DRAWING - 06/03

REVISIONS											
NO.	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		
	06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)								
	11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION								

DESIGNED	NAME	DATE	DRAWN	NAME	DATE
	J. BURBY	2/98		D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No: 50017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS

PLAN SHEET - STA 107+40 TO STA 108+80

SHEET NO. P-5

NO. XREF's
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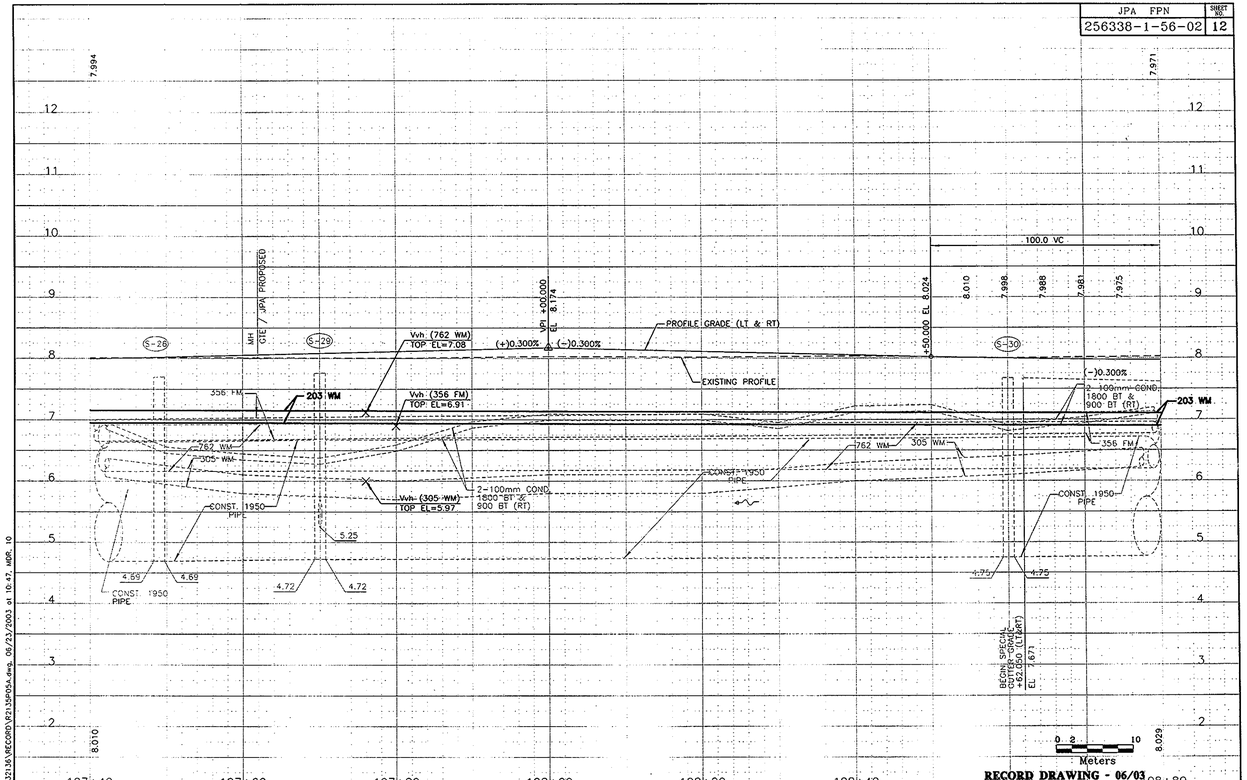
JPA FPN	SHEET NO.
256338-1-56-02	12



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JBL	RELEASE FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED BY	J. BURBY	2/00	REVIEW BY	D.BURNHAM	2/00
REVISED BY	J.LOWE	11/00	CHECKED BY	T.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG. No: 50017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET -STA 107+40 TO STA 108+80

SHEET NO. P-5A

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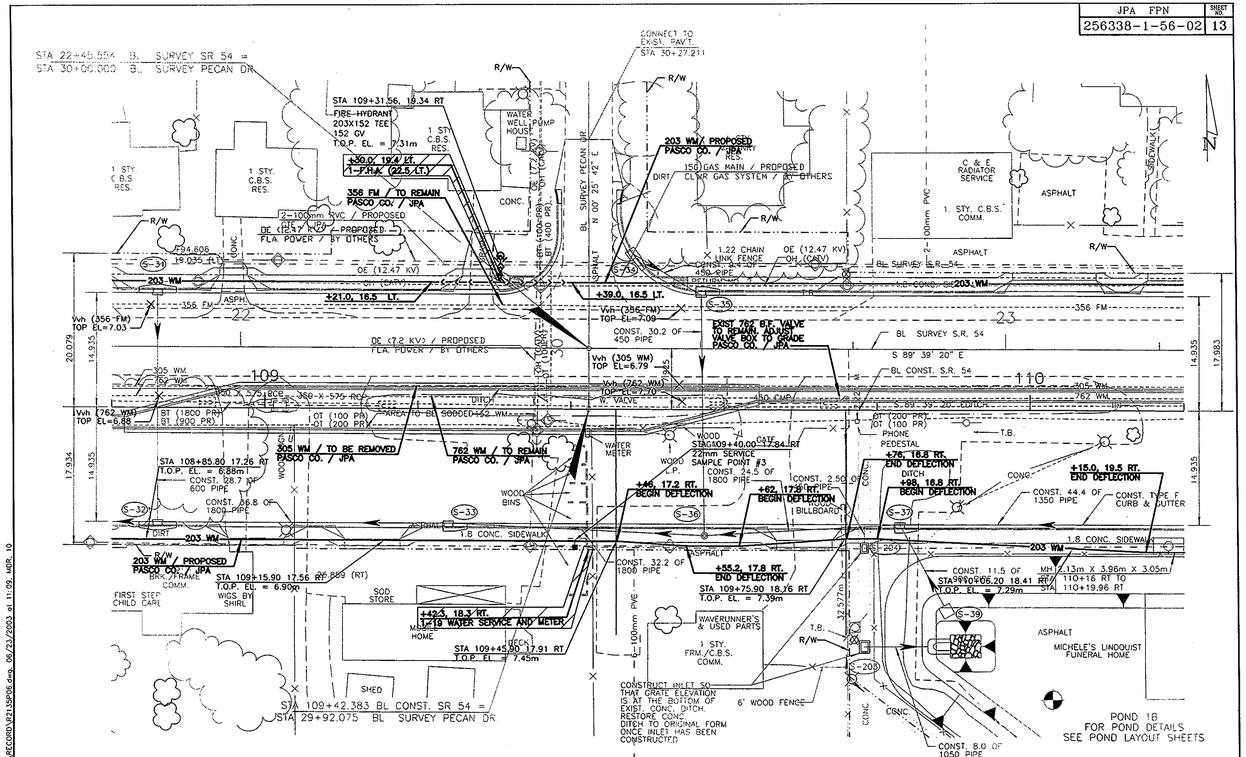

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/00	MGR OF PROJ.	D.BURNHAM	2/00
REVISED BY	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY	JEFFERY S. LOWE, P.E.			REG No.: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
1 Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 108+80 TO STA 110+20

SHEET NO. P-6

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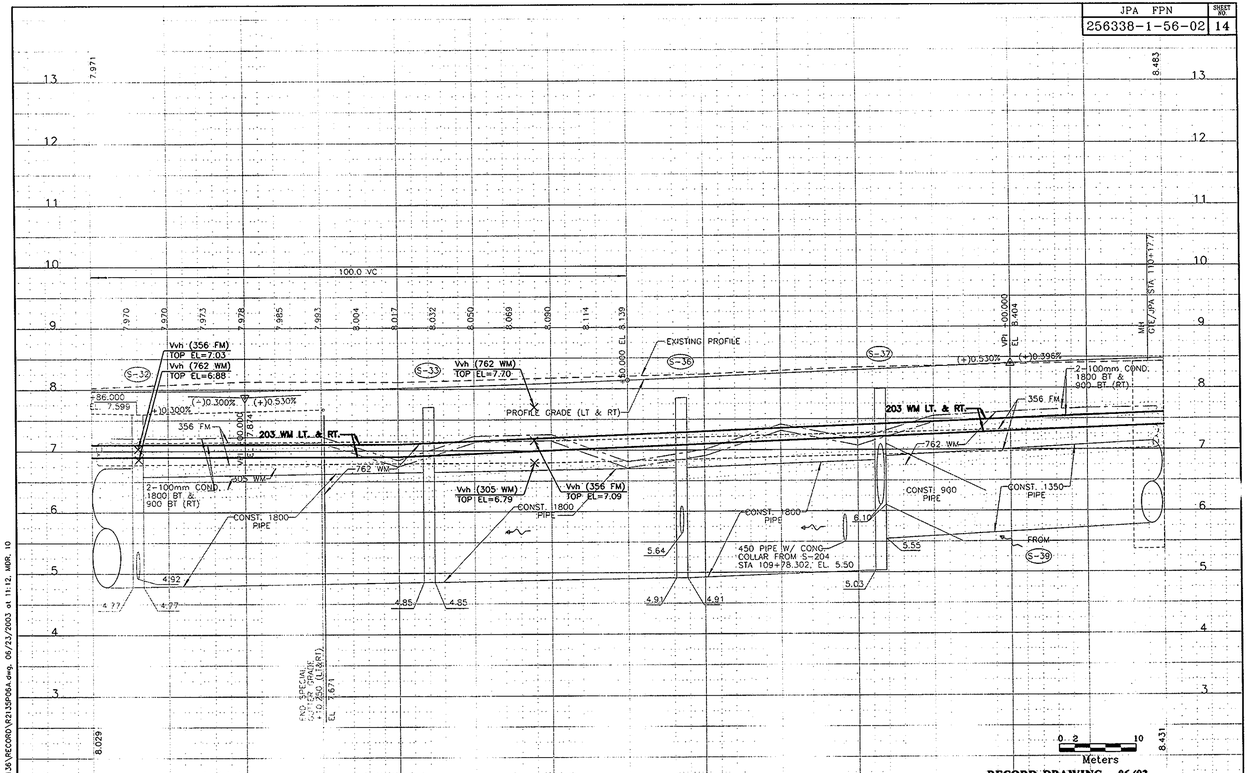

RECORD DRAWING - 06/03

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURDY	2/99	DRAWN	D.BURNHAM	2/99
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFREY S. LOWE, P.E.				REG No.: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4550

PASCO COUNTY UTILITIES CONSTRUCTION 8731 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 108+80 TO STA 110+20

SHEET NO. P-6A

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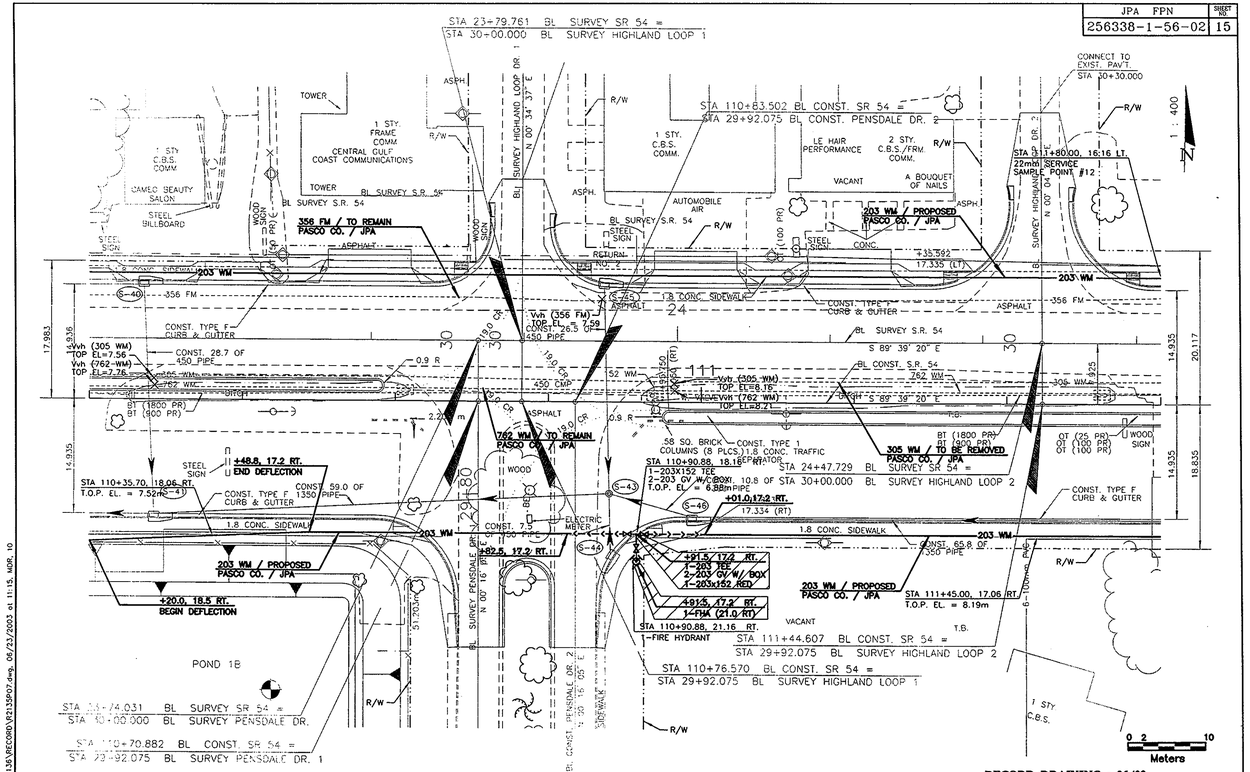

RECORD DRAWING - 06/03

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)							
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION							

	NAME	DATE	NAME	DATE
DESIGNED	J. BURDY	2/00	D.BURNHAM	2/00
REVIEWED	J.LOWE	11/00	F.DeGANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			RGE No: 52017	

Issue Certification

PARSONS ENGINEERING SCIENCE, INC. Tampa, Florida (813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION 7530 LITTLE ROAD NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 110+20 TO STA 111+60

SHEET NO. P-7

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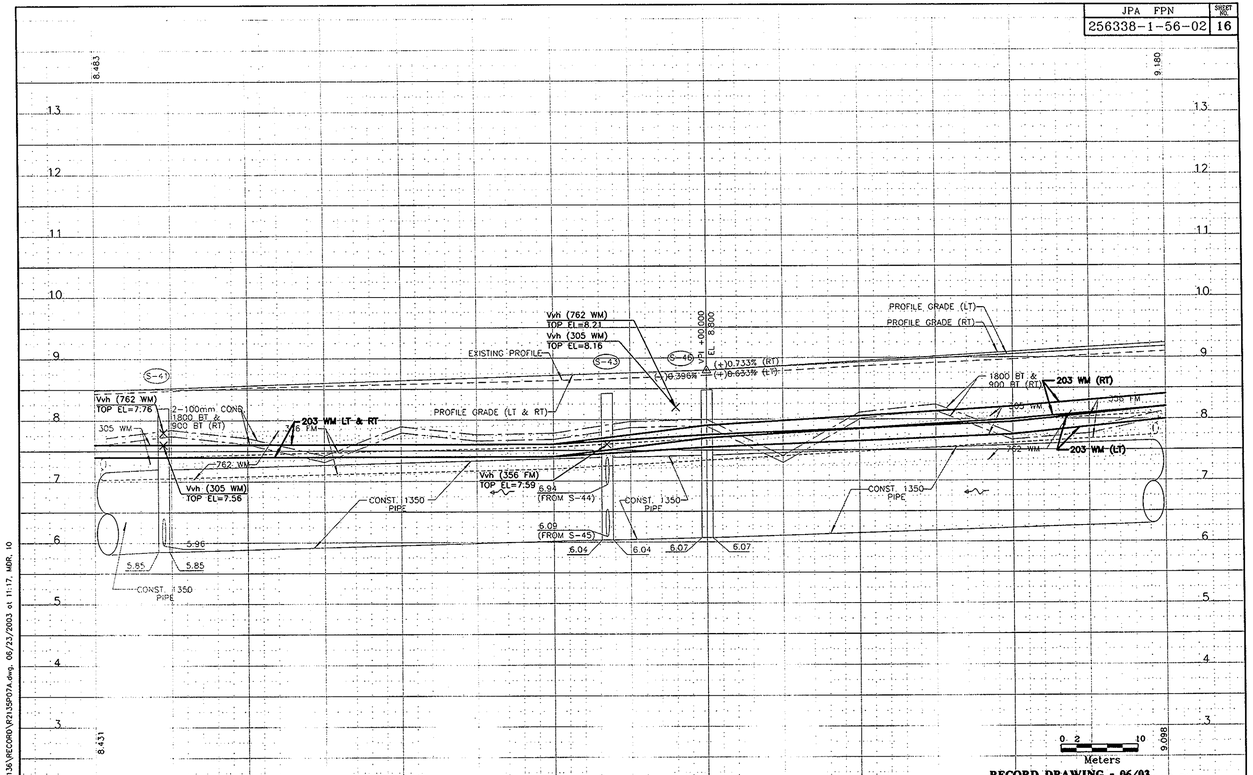

RECORD DRAWING - 06/03

REVISIONS								
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06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JDL	RELEASED FOR BIDDING/CONSTRUCTION						

	NAME	DATE		NAME	DATE
DESIGNED	J. BURBY	2/00	DRAWN	D.BURNHAM	2/00
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.			REG No.: 52017		

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Tampa, Florida
(813) 933-4650

PASCO COUNTY
UTILITIES CONSTRUCTION
8731 RIDGE ROAD
NEW PORT RICHEY,
FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 110+20 TO STA 111+60

SHEET NO.
P-7A

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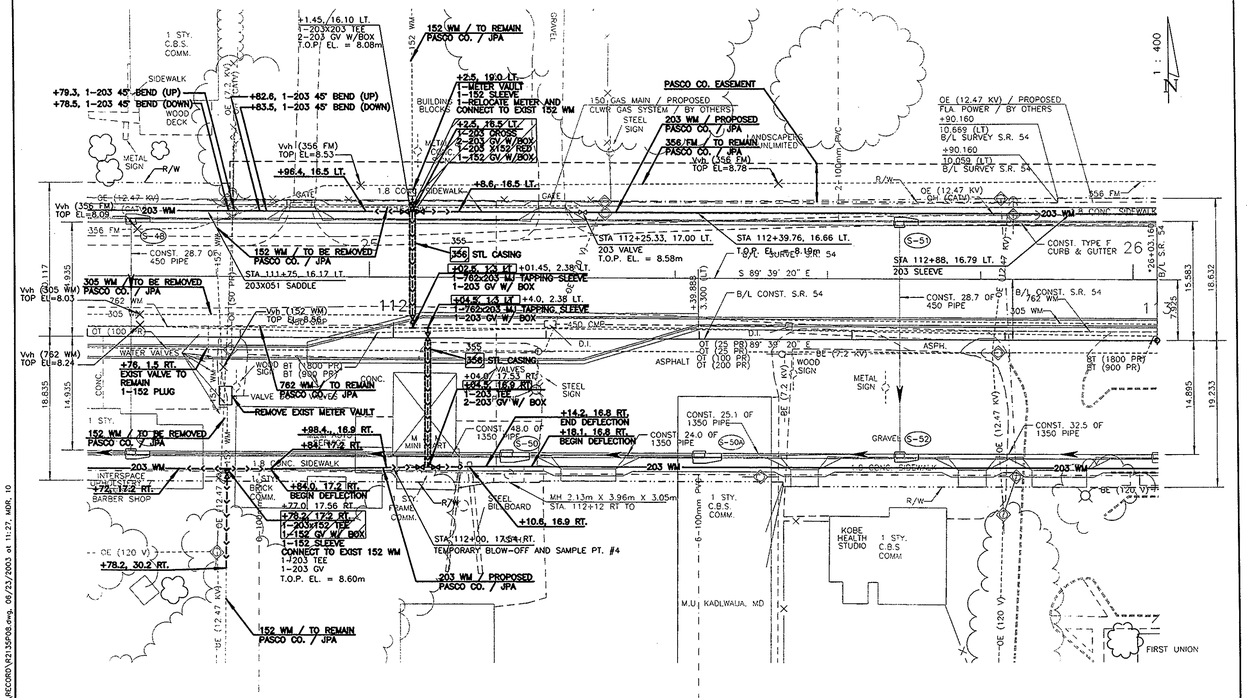

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00	JSL	RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

	NAME	DATE		NAME	DATE
DESIGNED	J. BUSBY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00

APPROVED BY: JEFFERY S. LOWE, P.E. REG No.: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 111+00 TO STA 113+00

SHEET NO.
P-8

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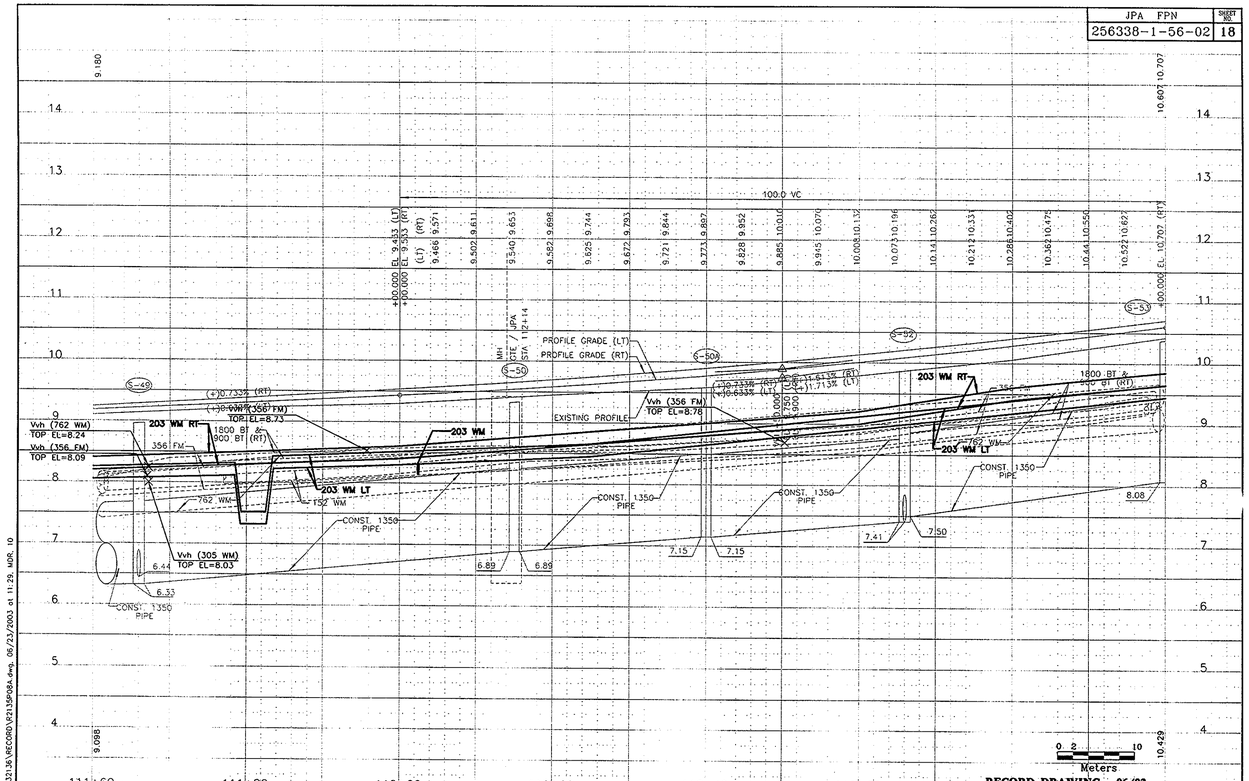

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06/03		RECORD DRAWING (SEE NOTES ON TITLE SHEET)						
11/00		RELEASED FOR BIDDING/CONSTRUCTION						

REVISIONS

DESIGNED BY	NAME	DATE	REVIEW BY	NAME	DATE
J. BURDY		2/98	D.BURNHAM		2/98
REVIEWED BY			CHECKED BY		2/98
SUPERVISED BY:					

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4650

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 111+60 TO STA 113+00

SHEET NO. P-8A

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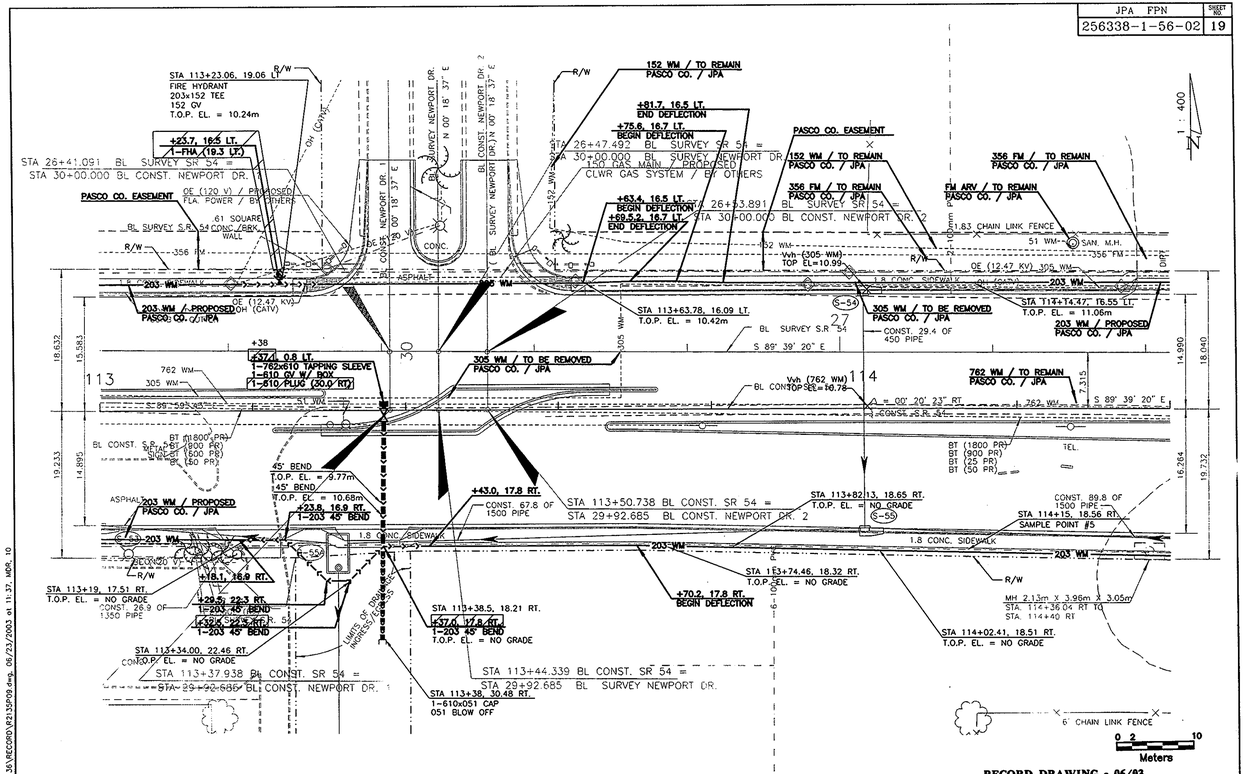

RECORD DRAWING - 06/03

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DESIGNED	J. BURBY	2/98	DRAWN	D.BURNHAM	2/98
REVIEWED	J.LOWE	11/00	CHECKED	F.DeSANTO	11/00
APPROVED BY: JEFFERY S. LOWE, P.E.					

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
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PASCO COUNTY
DIVISION OF CONSTRUCTION
7530 LITTLE ROAD
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FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PLAN SHEET - STA 113+00 TO STA 114+40

SHEET NO
P-9

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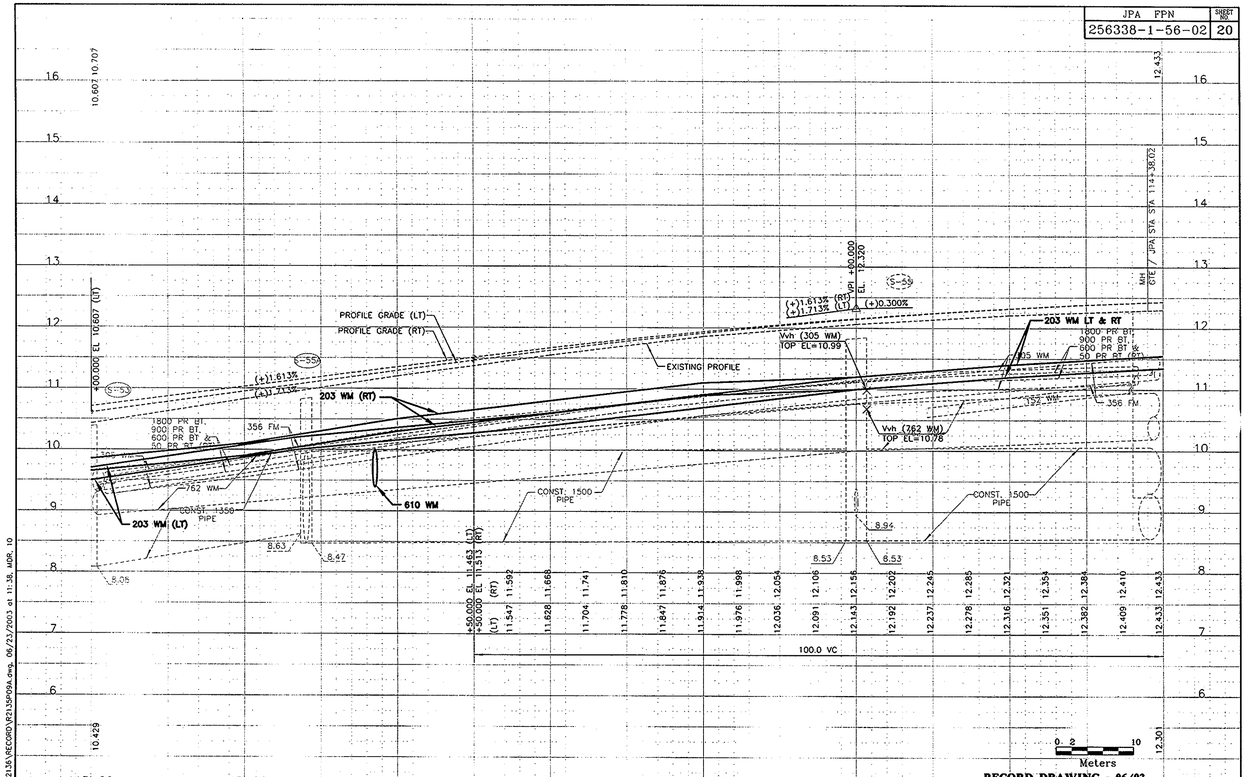

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DATE	BY	REVISIONS DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
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APPROVED BY: JEFFERY S. LOWE, P.E.					REG No: 52017

Issue Certification

PARSONS ENGINEERING SCIENCE, INC.
Tampa, Florida
(813) 933-4500

PASCO COUNTY UTILITIES CONSTRUCTION
7530 LITTLE ROAD
NEW PORT RICHEY, FLORIDA 34654

STATE ROAD NO. 54 - US 19 TO MADISON
WATER & FORCE MAIN UTILITY ADJUSTMENTS
PROFILE SHEET - STA 113+00 TO STA 114+40

SHEET NO. P-9A

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