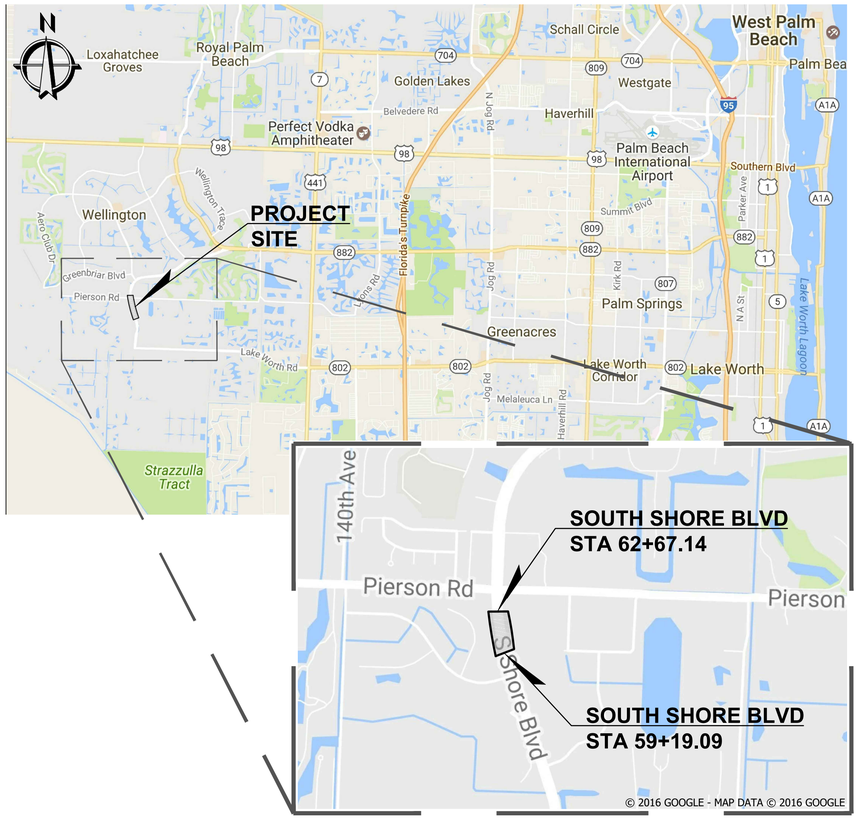
SOUTH SHORE BLVD NORTH BOUND RIGHT TURN LANE EXTENSION AT PIERSON RD

PREPARED FOR

THE VILLAGE OF WELLINGTON

PALM BEACH COUNTY, FLORIDA

FEBRUARY 2017



VICINITY MAP

N.T.S.

SECTION 21, TOWNSHIP 44 SOUTH, RANGE 41 EAST

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
C0-1	COVER
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C0-3	TYPICAL SECTION
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C3-1	ROADWAY PAVEMENT MARKINGS & SIGNAGE PLAN
C4-1	RECLAIMED WATERMAIN RELOCATION
C5-1	DETAILS
C5-2	DETAILS
C6-1	ROADWAY CROSS SECTIONS

VILLAGE COUNCIL

ANNE GERWIG, MAYOR
JOHN T. MCGOVERN, VICE MAYOR
MICHAEL J. NAPOLEONE, COUNCILMAN
MICHAEL DRAHOS, COUNCILMAN
TANYA SISKIND, COUNCILWOMAN

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS (2016) AND SUPPLEMENTS THERETO.

GOVERNING SPECIFICATIONS:
THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED 2016. SUPPLEMENTS THERETO, AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THE PROJECT.

LENGTH OF PROJECT		
	LINEAR FT.	MILES
ROADWAY	348.05	0.07
BRIDGES	0.00	0.00
NET LENGTH OF PROJECT	348.05	0.07
EXCEPTION	-	-
GROSS LENGTH OF PROJECT	348.05	0.07

I HEREBY CERTIFY THAT THE ATTACHED PLANS AND DESIGN ARE IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN STANDARDS AND CRITERIA IN EFFECT ON THIS DATE FOR VILLAGE OF WELLINGTON ENGINEERING DEPARTMENT AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DATE: _____

DENNIS J. THOMAS, P.E.
FL. REGISTER NO. 23934

BID SET
FEBRUARY 2017

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NO.	DATE	BY	REVISION

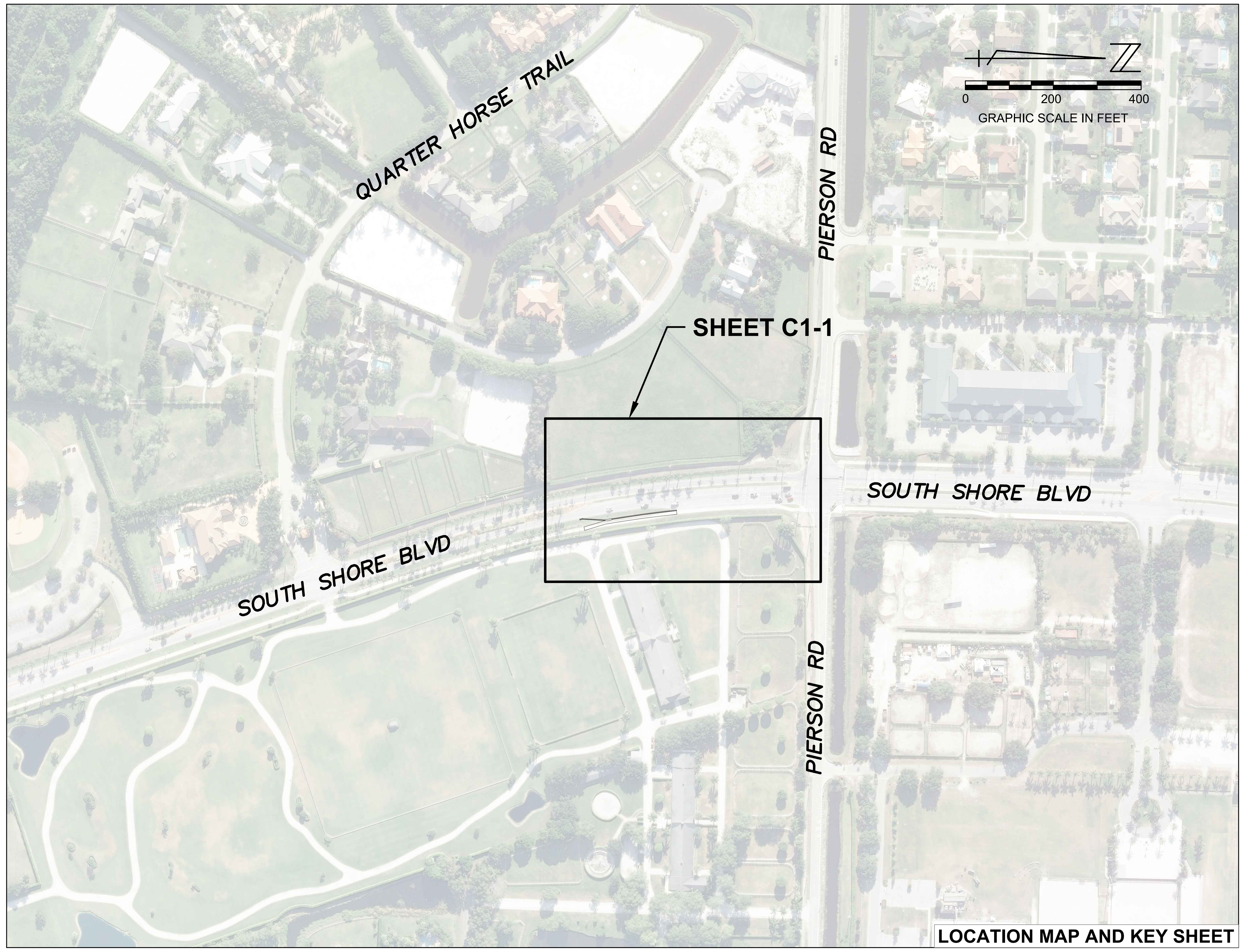
SEAL
DENNIS J THOMAS
FLORIDA P.E. NO. 23934
DATE

FLORIDA E.B. NO. 48 — MOCK•ROOS — FLORIDA L.B. NO. 48
CONSULTING ENGINEERS
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com

FIELD: KESHAVARZ
DRAWN: TET/YM
DESIGN: DJT
APPR: GGG
SCALE: AS SHOWN

SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

DATE: FEBRUARY 2017
P.A. NO. B6703.00
DWG. NO. 44-41-21-22
SHEET: C0-1



LOCATION MAP AND KEY SHEET

GENERAL NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
2. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL SLOPE FINISHED GRADES UNIFORMLY BETWEEN OTHER FINISHED AND EXISTING GRADES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL, DISPOSAL, ABANDONMENT, AND RELOCATIONS NECESSARY TO COMPLETE THE WORK WHETHER SHOWN ON THE DRAWINGS OR NOT. CONTRACTOR SHALL COORDINATE RELOCATIONS WITH THE NECESSARY UTILITY COMPANIES.
4. CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THE CONTRACTOR'S ACTIVITIES INVOLVING CONSTRUCTION, STAGING AREAS, AND ACCESS ROADS IN KIND. ALL DISTURBED NON-PAVED AREAS SHALL BE PLANTED WITH "IN-KIND" VEGETATION.
5. CONTRACTOR SHALL SUBMIT AN M.O.T. PLAN CONFORMING TO FDOT INDEX NO. 600 AND AS REQUIRED IN THE PROJECT SPECIFICATIONS. THE PLAN SHALL PROVIDE FOR TWO-WAY TRAFFIC FLOW AT ALL TIMES. CONTRACTOR SHALL FOLLOW THE APPROVED PLAN THROUGHOUT PROJECT DURATION. ACCESS TO PRIVATE PROPERTIES AND PUBLIC SIDE STREETS SHALL BE PROVIDED AT ALL TIMES.
6. CONTRACTOR SHALL COORDINATE WITH THE NECESSARY UTILITY COMPANIES AND SUNSHINE 811 (811 OR 1-800-432-4770) FOR ALL UTILITY LOCATES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH CHAPTER 556 OF THE FLORIDA STATUTES: THE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT.
8. CONTRACTOR SHALL MAINTAIN A NEAT, ORDERLY, AND SAFE SITE AT ALL TIMES.
9. ALL SURVEY MONUMENTS WITHIN LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. IF IN DANGER OF DAMAGE THE CONTRACTOR SHALL NOTIFY: NATIONAL GEODETIC INFORMATION SERVICES CENTER NOAA NATIONAL GEODETIC SURVEY, N/CG 17 SSMC 3, STATION 09202 SILVER SPRING, MARYLAND 20910 TELEPHONE NO. (301) 713-3242.
10. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.
11. CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS SILT FENCES AND INLET PROTECTION WHERE NECESSARY IN ORDER TO COMPLY WITH THE STATE AND LOCAL WATER QUALITY STANDARDS AND NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (N.P.D.E.S.) REQUIREMENTS
12. ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF THE VILLAGE OF WELLINGTON, ALL INVOLVED UTILITY COMPANIES, THE PROJECT ENGINEER AND ALL REGULATORY AGENCIES.
13. WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5') ARE REQUIRED, THE CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
    A. REFERENCE TO THE TRENCH SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
    B. WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXCAVATION THAT SUCH CONTRACTOR WILL COMPLY WITH THE FLORIDA TRENCH SAFETY ACT.
14. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. NO TRENCHES OR HOLES NEAR WALKWAYS OR IN ROADWAYS OR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS.
15. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE DEPICTING EACH PHASE OF THE WORK.
16. CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES DUE TO CONSTRUCTION.
17. ALL EXCESS FILL AND DEBRIS FROM THE SITE SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
18. ALL UTILITIES (MANHOLE, VALVE, ELECTRIC RINGS AND TOPS) SHALL BE ADJUSTED TO NEW FINISH GRADES AND PROPERLY SET TO PAVEMENT CROSS SLOPE AS REQUIRED.
19. CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF WELLINGTON FOR THE SELECTION OF PROPOSED CONSTRUCTION STAGING AREAS AND/OR STOCKPILING OF MATERIALS.
20. CONTRACTOR SHALL COORDINATE ALL SITE WORK FOR PEDESTRIAN AND TRAFFIC CONTROL WITH THE VILLAGE OF WELLINGTON ENGINEERING DEPARTMENT: JONATHAN REINSVOLD, P.E. OFFICE: 561-791-4052.
21. CONTRACTOR SHALL LIMIT ACCESS AND CONSTRUCTION OPERATIONS TO WITHIN LIMITS OF THE PUBLIC ROAD RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGES OUTSIDE THE LIMITS OF THE ROAD RIGHTS-OF-WAY.
22. AREAS FOR THE STORAGE OF EXCAVATED MATERIAL ARE LIMITED. SUCH MATERIAL MAY BE REMOVED AND STORED OFFSITE AND RETURNED FOR BACKFILLING.
23. CONTRACTOR SHALL HAVE NO TRENCHES OPEN AT THE END OF EACH WORK DAY. IF NECESSARY, TRENCHES SHALL BE TEMPORARILY BACKFILLED AND BARRICADED.
24. THE AERIAL PHOTOGRAPH USED FOR THIS PROJECT WAS PREPARED FROM THE PALM BEACH COUNTY DATA BASE AND AS SUCH SHOULD BE USED ONLY AS SCHEMATICS.
25. SOURCE AND DATE OF AERIAL PHOTOGRAPHY: PBC GIS DATED 2015.
26. CONTRACTOR SHALL USE CAUTION AND TAKE THE NECESSARY SAFETY PRECAUTIONS WHILE WORKING ADJACENT TO OVERHEAD AND UNDERGROUND ELECTRIC.
27. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH FDOT SPECIFICATIONS 2016 EDITION, EXCEPT TYPE 'S' ASPHALT WHICH SHALL MEET FDOT SPECIFICATIONS, 2000 EDITION.
28. REFER TO FDOT DESIGN STANDARDS, LATEST EDITION, FOR DETAILS. INCLUDING BUT NOT LIMITED TO THE FOLLOWING FDOT INDEX NUMBERS:
    - FDOT INDEX NO. 200 - STRUCTURE BOTTOMS - TYPE J & P
    - FDOT INDEX NO. 201 - SUPPLEMENTARY DETAILS FOR MANHOLES & INLETS
    - FDOT INDEX NO. 211 - CURB INLET TOPS - TYPES 5 & 6
    - FDOT INDEX NO. 280 - MISCELLANEOUS DRAINAGE DETAILS
    - FDOT INDEX NO. 300 - CURB & CURB AND GUTTER
    - FDOT INDEX NO. 310 - CONCRETE SIDEWALK
    - FDOT INDEX NO. 414 - TYPE K CONCRETE BARRIER SYSTEM
    - FDOT INDEX NO. 415 - TEMPORARY CONCRETE BARRIER
    - FDOT INDEX NO. 600 - GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES
    - FDOT INDEX NO. 11862 - ROADSIDE FLASHING BEACON ASSEMBLY
29. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND DOCUMENT THE LOCATIONS OF THE EXISTING IRRIGATION SYSTEM WITHIN THE PROJECT BOUNDARIES. THE CONTRACTOR WILL BE RESPONSIBLE AS PART OF THIS CONTRACT TO RESTORE THE EXISTING IRRIGATION SYSTEM TO ORIGINAL OR BETTER CONDITIONS WITHIN THE NEWLY ALIGNED SWALE. PLEASE COORDINATE YOUR EFFORTS WITH CHRIS CUMSTON @ 561-791-4117 OR BRIAN HOPPER @ 561-791-4126.

ENGINEERING LEGEND:

AASHTO	ASSOCIATION OF AMERICAN STATE HIGHWAY TRANSPORTATION OFFICIALS
℞	BASELINE
BTM	BOTTOM
— — bE — —	BURIED ELECTRIC (EXISTING UTILITY LOCATION)
— — BFO — —	BURIED FIBER OPTIC CABLE (EXISTING UTILITY LOCATION)
℄	CENTERLINE
CIP	CAST IRON PIPE
CONC	CONCRETE
CONST.	CONSTRUCTION
STA:59+75.16 OFF:28.50'R EL: 16.46	CONTROL POINT
DIA.	DIAMETER
DIP	DUCTILE IRON PIPE
E	EAST
E:	EASTING
EL	ELEVATION
EXIST	EXISTING
FLG	FLANGE
FM	FORCEMAIN
INV	INVERT
L.F.	LINEAR FEET
MH	MANHOLE
NGVD	NATIONAL GEODETIC VERTICAL DATUM
N	NORTH
N:	NORTHING
NO.	NUMBER
PVC	POLYVINYL CHLORIDE PIPE
PI	POINT OF INTERSECTION
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RJ	RESTRAIN JOINT
SS	SANITARY SEWER
(sign symbol)	SIGN
STA	STATION
— — sd — —	STORM DRAIN (EXISTING UTILITY LOCATION)
ST	STORM SEWER
STR	STRUCTURE
S	SOUTH
TH	TEST HOLE
T.O.P.	TOP OF PIPE
TYP	TYPICAL
VCP	VITRIFIED CLAY PIPE
WM	WATERMAIN
— — W — —	WATERMAIN (EXISTING UTILITY LOCATION)
W	WIDTH; WEST

CIVIL DETAIL, CALL OUT SYMBOLS

DETAIL SECTION NUMBER — 1 / C5-1 — SHEET WHERE SECTION IS LOCATED

PAVEMENT CORE LOCATION

PC-1

NOTE:
PAVEMENT CORE DATA IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND IS BASED ON REPORT OF GEOTECHNICAL EXPLORATION AND PAVEMENT EVALUATION DATED DECEMBER 2016 PROVIDED BY TERRACON CONSULTANTS, INC.

SURVEY NOTES:
(AS PREPARED BY KESHAVARZ & ASSOCIATES)

1. THIS IS A TOPOGRAPHIC SURVEY AS DEFINED IN CHAPTER 5J-17.050 FLORIDA ADMINISTRATIVE CODE.
2. THE LIMITS OF THIS TOPOGRAPHIC SURVEY IS FROM THE WEST TOP OF CURB OF THE NORTHBOUND LANE OF SOUTH SHORE BOULEVARD TO THE APPROXIMATE EAST RIGHT-OF-WAY LINE; FROM ± 1000 FEET SOUTH OF PIERSON ROAD TO THE NORTH SIDE OF THE INTERSECTION OF SOUTH SHORE BOULEVARD AND PIERSON ROAD; FROM THE CENTERLINE OF PIERSON ROAD SOUTH TO THE APPROXIMATE SOUTH RIGHT-OF-WAY LINE OF PIERSON ROAD FOR THAT STRETCH OF PIERSON ROAD BEING ± 200 FEET EAST OF THE CENTERLINE OF SOUTH SHORE BOULEVARD.
3. THE CENTERLINE OF SOUTH SHORE BOULEVARD, SHOWN HEREON, WAS CALCULATED BASED ON MALLET HILL OF WELLINGTON COUNTRYPLACE - P.U.D., RECORDED IN PLAT BOOK 37, PAGES 123 THROUGH 124, PUBLIC RECORDS, PALM BEACH COUNTY, FLORIDA. THE SAID PLAT STATED THAT BEARINGS SHOWN THEREON "ARE RELATIVE TO AN ASSUMED MERIDIAN USED THROUGH OUT WELLINGTON". FOR THE PURPOSES OF THIS SURVEY THE ASSUMED BEARING FOR THE NORTH LINE OF THE PLAT, BEING THE NORTH LINE OF SECTION 21, TOWNSHIP 44 SOUTH, RANGE 41 EAST AND THE SAID NORTH SECTION LINE'S RELATIONSHIP TO THE CENTERLINE AND RIGHT-OF-WAY LINES FOR SOUTH SHORE BOULEVARD WERE ROTATED ONTO THE PALM BEACH COUNTY STATE PLANE GRID BEARING AND COORDINATE SYSTEM BASED ON THE GRID BEARING FOR THE SAID NORTH SECTION LINE AS PUBLISHED BY PALM BEACH COUNTY ENGINEERING DEPARTMENT.
4. STATE PLANE COORDINATES SHOWN HEREON ARE IN THE NORTH AMERICAN DATUM OF 1983, 2007 ADJUSTMENT (SPCS NAD 83-2007). PUBLISHED CONTROL POINTS, SHOWN HEREON, WERE OBSERVED A MINIMUM OF TWO TIMES WITH OUR TOPCON HYPER V GPS UNIT IN CONJUNCTION WITH THE LENGEMANN OF FLORIDA STATE WIDE NETWORK WITH THE AVERAGE OF THE OBSERVATIONS BEING DEPICTED HEREON.
5. ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND ARE REFERENCED TO PALM BEACH COUNTY BENCHMARK 'MARSHALL' WITH AN ELEVATION OF 17.867 (NGVD29). THE PUBLISHED ELEVATION OF THE SAID BENCHMARK 'MARSHALL' IS 16.420 NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS PUBLISHED BY PALM BEACH COUNTY ENGINEERING. A CONVERSION FACTOR OF 1.447 WAS APPLIED TO THE PUBLISHED ELEVATION PER THE BELOW EQUATION TO CONVERT THE ELEVATION FROM NAVD88 TO NGVD29. THE CONVERSION FACTOR WAS DETERMINED BY CALCULATING THE DIFFERENCE BETWEEN THE PUBLISHED NGVD29 ELEVATION AND THE NAVD88 ELEVATION FOR THE CLOSEST PALM BEACH COUNTY BENCHMARK DEPICTING THE ELEVATION IN BOTH DATUMS AS PUBLISHED BY PALM BEACH COUNTY ENGINEERING DEPARTMENT. THE CLOSEST BENCHMARK 'AC-CLUB' IS LOCATED APPROXIMATELY ONE-HALF MILE WEST OF THE CENTERLINE INTERSECTION OF SOUTH SHORE BOULEVARD AND PIERSON ROAD. THE BENCHMARK 'AC-CLUB' HAS PUBLISHED ELEVATIONS OF 16.353 NAVD88 AND 17.800 NGVD29.

   CONVERSION FACTOR: NAVD88 + 1.447 = NGVD29
6. FOUNDATIONS, FOOTERS AND OTHER UNDERGROUND FACILITIES THAT MAY EXIST HAVE NOT BEEN LOCATED UNLESS OTHERWISE SHOWN. UNDERGROUND UTILITIES LOCATED AND SHOWN HEREON ARE AS DELINEATED AND MARKED BY OTHERS. KESHAVARZ & ASSOCIATES AND / OR THE SIGNING SURVEYOR DO NOT TAKE RESPONSIBILITY FOR POTENTIAL ERRORS IN THE SHOWN ALIGNMENT OR THE STATED UTILITY TYPE.
7. THERE MAY BE ADDITIONAL EASEMENTS AND / OR RESTRICTIONS AFFECTING THE SURVEYED AREA THAT WOULD BE DISCLOSED BY A SEARCH OF THE PUBLIC RECORD. NO SEARCH OF THE PUBLIC RECORDS BY KESHAVARZ & ASSOCIATES, INC.
8. THE EXPECTED USE OF THE SUBJECT PROPERTY FALLS WITHIN THE SUBURBAN CATEGORY AS CLASSIFIED IN CHAPTER 5J-17.051, FLORIDA ADMINISTRATIVE CODE. ALL FIELD- MEASURED CONTROL MEASUREMENTS EXCEEDED THE ACCURACY REQUIREMENTS FOR THIS CLASSIFICATION.
9. THE CONTRACTED USE OF THIS SURVEY IS FOR THE ENGINEERING DESIGN FOR THE SOUTHERLY EXTENSION OF THE EXISTING TURN LANE TO ACCESS EAST BOUND TRAFFIC ALONG PIERSON ROAD LOCATED ALONG THE EAST SIDE OF SOUTH SHORE BOULEVARD OF THE SURVEYED AREA AND IS NOT VALID FOR ANY OTHER USE.
10. THIS SURVEY IS PREPARED ONLY FOR THE PARTIES LISTED BELOW.

    PREPARED FOR:
    VILLAGE OF WELLINGTON
11. COPYRIGHT 2016 BY KESHAVARZ & ASSOCIATES, INC. THE SKETCH OF SURVEY AND SURVEY REPORT COMPRISE THE COMPLETE SURVEY. THIS SURVEY IS NOT VALID UNLESS THE SKETCH AND REPORT ACCOMPANY EACH OTHER. REPRODUCTIONS OF THIS SURVEY ARE NOT VALID WITHOUT THE ORIGINAL RAISED SEAL OF A FLORIDA SURVEYOR AND MAPPER EMPLOYED BY KESHAVARZ & ASSOCIATES, INC.

DATE OF SURVEY: SEPTEMBER 08, 2016
SCOTT F. BRYSON
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE No. 5991

LOCATION AND KEY SHEET MAP, GENERAL NOTES, AND LEGENDS

BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING
ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

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NO.	DATE	BY	REVISION

SEAL
DENNIS J THOMAS
FLORIDA P.E. NO. 23934
DATE

FLORIDA E.B. NO. 48 — MOCK • ROOS CONSULTING ENGINEERS — FLORIDA L.B. NO. 48
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com

FIELD:	KESHAVARZ
DRAWN:	TET/YM
DESIGN:	DJT
APPR:	GGG
SCALE:	AS SHOWN

SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

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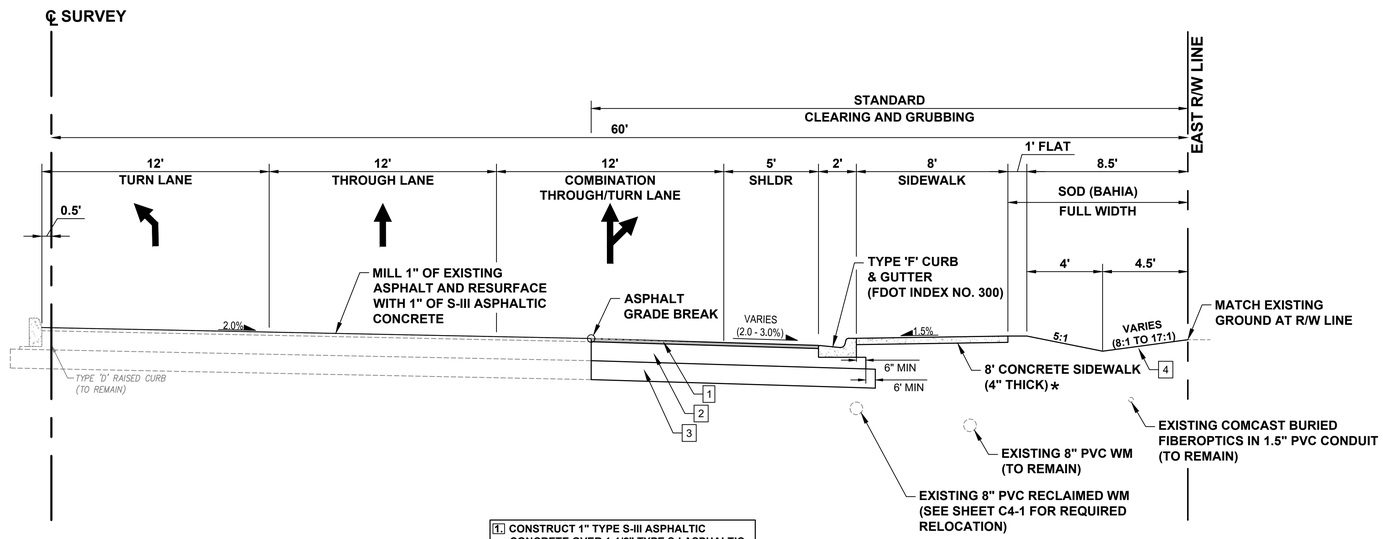

1. CONSTRUCT 1" TYPE S-III ASPHALTIC CONCRETE OVER 1-1/2" TYPE S-I ASPHALTIC CONCRETE.
2. CONSTRUCT 10" CRUSHED CONCRETE BASE.
3. CONSTRUCT 12" STABILIZED SUBGRADE (MIN LBR = 40)
4. PLACE SOD (BAHIA) WITH 1" TOP SOIL.

PAVEMENT CORE DATA

PAVEMENT CORE NO.	ASPHALT DEPTH (INCHES)	BASE COURSE DEPTH (INCHES)
PC-1	0" - 2 3/4"	2 3/4" - 13"
PC-2	0" - 2 3/4"	2 3/4" - 12"
SEE PLAN SHEET FOR PAVEMENT CORE LOCATIONS		

SOUTH SHORE BOULEVARD PROPOSED TYPICAL SECTION W/ RIGHT TURN LANE

DESIGN SPEED 35 MPH
CURRENT POSTED SPEED 35 MPH

ASPHALT PAVEMENT SECTION:

LAYER	COEF.	TOTAL
1" TYPE S-III A.C.S.C.	0.44	0.44
1-1/2" TYPE S-I A.C.S.C.	0.44	0.66
10" BASE COURSE	0.18	1.80
12" STABILIZED SUBGRADE	0.08	0.96
TOTAL STRUCTURAL NUMBER:		3.86

NOTES:

1. SEE PLAN SHEET FOR TYPE 'F' CURB & GUTTER ELEVATIONS. CONSTRUCT TURN LANE EXTENSION BY MATCHING EXISTING EDGE OF PAVEMENT AND PROPOSED CURB & GUTTER ELEVATIONS.
2. TYPE S ASPHALTIC CONCRETE SERIES TO CONFORM TO FDOT SPECIFICATIONS, 2000 EDITION.
3. CRUSHED CONCRETE BASE TO MEET OR EXCEED THE REQUIREMENTS FOR BASE STABILIZATION SPECIFICATIONS OF THE FDOT SPECIFICATIONS MANUAL, SECTION 200.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND DOCUMENT THE LOCATIONS OF THE EXISTING IRRIGATION SYSTEM WITHIN THE PROJECT BOUNDARIES. THE CONTRACTOR WILL BE RESPONSIBLE AS PART OF THIS CONTRACT TO RESTORE THE EXISTING IRRIGATION SYSTEM TO ORIGINAL OR BETTER CONDITIONS WITHIN THE NEWLY ALIGNED SWALE. PLEASE COORDINATE YOUR EFFORTS WITH CHRIS CUMSTON @ 561-791-4117 OR BRIAN HOPPER @ 561-791-4126.
5. TWO (2) ASPHALT CORES REQUIRED IN PROPOSED TURN LANE, ONE FOR EACH LIFT. UPON ACCEPTANCE OF RESULT, ENGINEER TO AUTHORIZE PLACEMENT OF SECOND LIFT. CONTRACTOR TO FACTOR THIS COST INTO THEIR BID.

* COMPACT SIDEWALK SUBGRADE TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY DETERMINED BY AASHTO T-180. CONTRACTOR TO REMOVE TOP LAYER OF SOIL PRIOR TO COMPACTION OF SIDEWALK SUBGRADE SECTION.

BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING
ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

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FIELD: KESHAVARZ
DRAWN: TET/YM
DESIGN: DJT
APPR: GGG
SCALE: 1" = 8'

TYPICAL SECTION
SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
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PALM BEACH COUNTY, FLORIDA

DATE: FEBRUARY 2017
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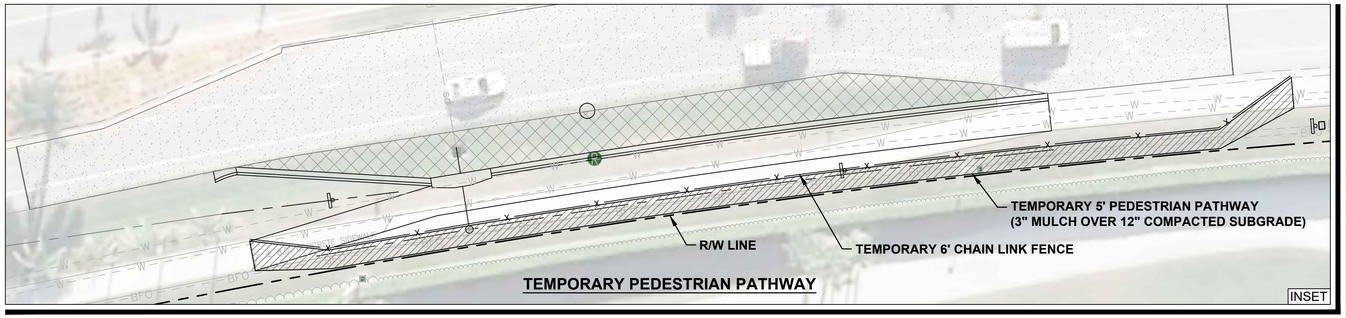

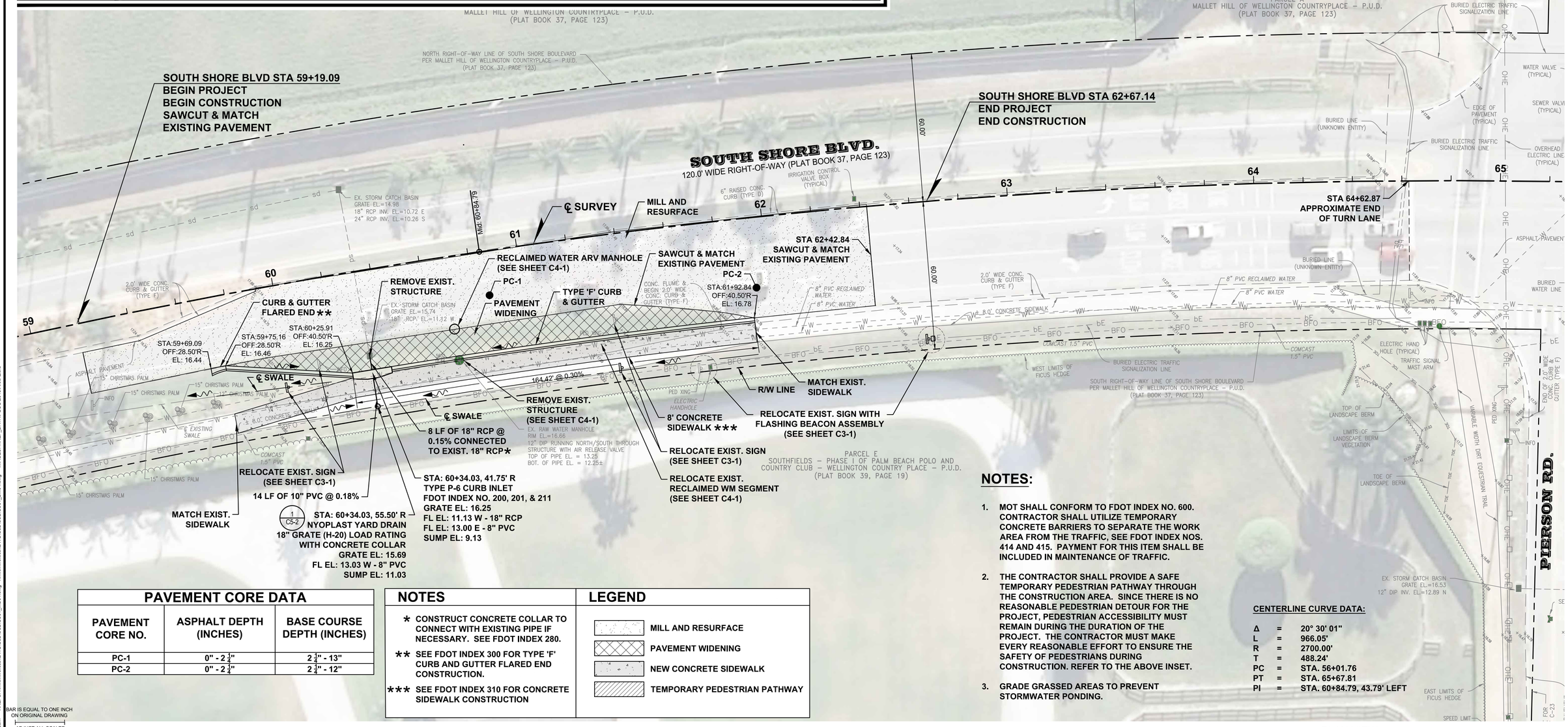

NOTES:

1. MOT SHALL CONFORM TO FDOT INDEX NO. 600. CONTRACTOR SHALL UTILIZE TEMPORARY CONCRETE BARRIERS TO SEPARATE THE WORK AREA FROM THE TRAFFIC, SEE FDOT INDEX NOS. 414 AND 415. PAYMENT FOR THIS ITEM SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.

2. THE CONTRACTOR SHALL PROVIDE A SAFE TEMPORARY PEDESTRIAN PATHWAY THROUGH THE CONSTRUCTION AREA. SINCE THERE IS NO REASONABLE PEDESTRIAN DETOUR FOR THE PROJECT, PEDESTRIAN ACCESSIBILITY MUST REMAIN DURING THE DURATION OF THE PROJECT. THE CONTRACTOR MUST MAKE EVERY REASONABLE EFFORT TO ENSURE THE SAFETY OF PEDESTRIANS DURING CONSTRUCTION. REFER TO THE ABOVE INSET.

3. GRADE GRASSED AREAS TO PREVENT STORMWATER PONDING.

CENTERLINE CURVE DATA:

Δ	=	20° 30' 01"
L	=	966.05'
R	=	2700.00'
T	=	488.24'
PC	=	STA. 56+01.76
PT	=	STA. 65+67.81
PI	=	STA. 60+84.79, 43.79' LEFT

PAVEMENT CORE DATA

PAVEMENT CORE NO.	ASPHALT DEPTH (INCHES)	BASE COURSE DEPTH (INCHES)
PC-1	0" - 2 1/4"	2 1/4" - 13"
PC-2	0" - 2 1/4"	2 1/4" - 12"

NOTES

* CONSTRUCT CONCRETE COLLAR TO CONNECT WITH EXISTING PIPE IF NECESSARY. SEE FDOT INDEX 280.

** SEE FDOT INDEX 300 FOR TYPE 'F' CURB AND GUTTER FLARED END CONSTRUCTION.

*** SEE FDOT INDEX 310 FOR CONCRETE SIDEWALK CONSTRUCTION

LEGEND

- MILL AND RESURFACE
- PAVEMENT WIDENING
- NEW CONCRETE SIDEWALK
- TEMPORARY PEDESTRIAN PATHWAY

BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING
ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

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NO.	DATE	BY	REVISION

SEAL
DENNIS J THOMAS
FLORIDA P.E. NO. 23934
DATE

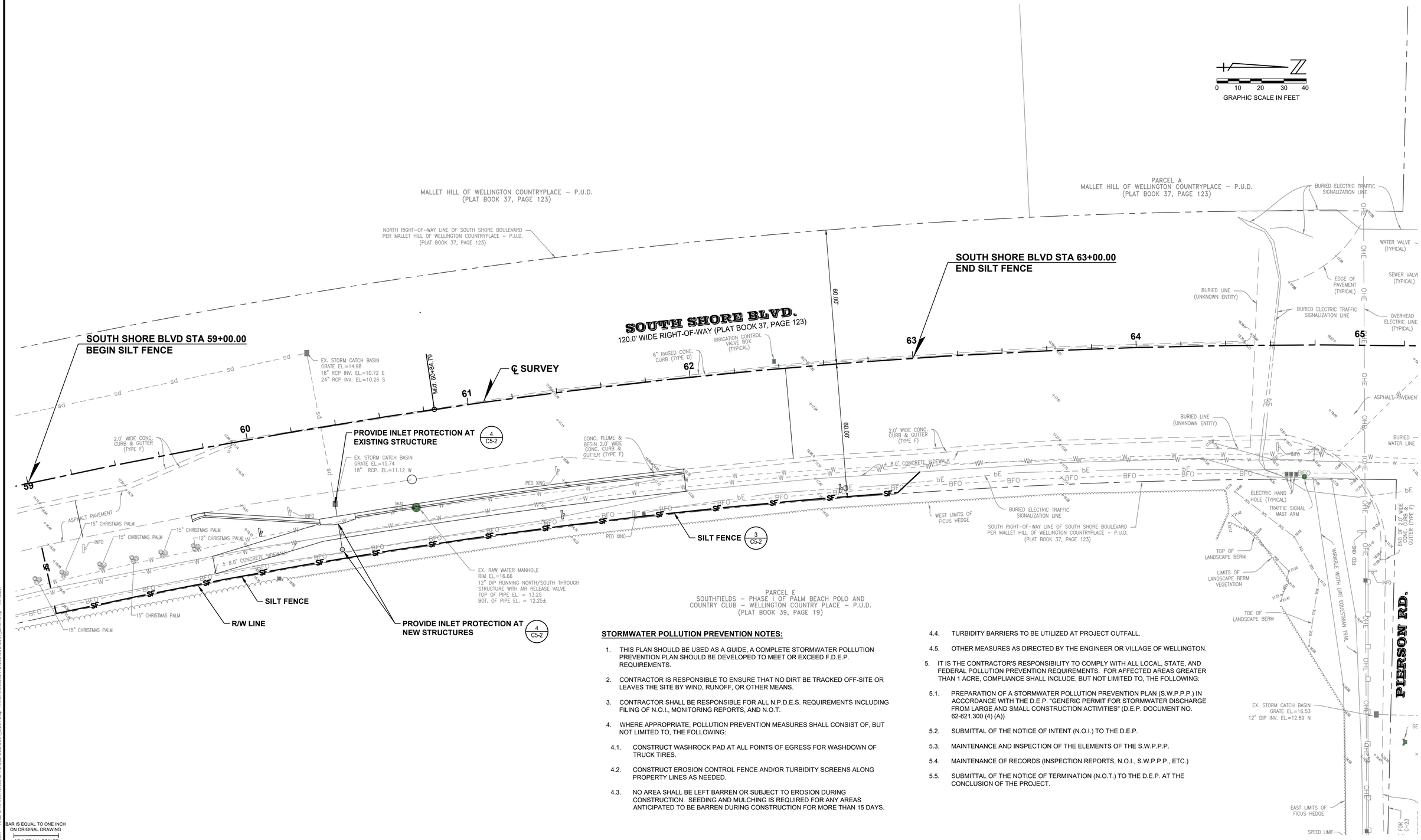
FLORIDA E.B. NO. 48 — FLORIDA L.B. NO. 48

MOCK • ROOS
CONSULTING ENGINEERS
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com

FIELD: KESHAVARZ
DRAWN: TET/YM
DESIGN: DJT
APPR: GGG
SCALE: AS SHOWN

PLAN VIEW
SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

DATE: FEBRUARY 2017
P.A. NO. B6703.00
DWG. NO. 44-41-21-22
SHEET: C1-1



STORMWATER POLLUTION PREVENTION NOTES:

1. THIS PLAN SHOULD BE USED AS A GUIDE, A COMPLETE STORMWATER POLLUTION PREVENTION PLAN SHOULD BE DEVELOPED TO MEET OR EXCEED F.D.E.P. REQUIREMENTS.

2. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO DIRT BE TRACKED OFF-SITE OR LEAVES THE SITE BY WIND, RUNOFF, OR OTHER MEANS.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL N.P.D.E.S. REQUIREMENTS INCLUDING FILING OF N.O.I., MONITORING REPORTS, AND N.O.T.

4. WHERE APPROPRIATE, POLLUTION PREVENTION MEASURES SHALL CONSIST OF, BUT NOT LIMITED TO, THE FOLLOWING:

   4.1. CONSTRUCT WASHROCK PAD AT ALL POINTS OF EGRESS FOR WASHDOWN OF TRUCK TIRES.

   4.2. CONSTRUCT EROSION CONTROL FENCE AND/OR TURBIDITY SCREENS ALONG PROPERTY LINES AS NEEDED.

   4.3. NO AREA SHALL BE LEFT BARREN OR SUBJECT TO EROSION DURING CONSTRUCTION. SEEDING AND MULCHING IS REQUIRED FOR ANY AREAS ANTICIPATED TO BE BARREN DURING CONSTRUCTION FOR MORE THAN 15 DAYS.

   4.4. TURBIDITY BARRIERS TO BE UTILIZED AT PROJECT OUTFALL.

   4.5. OTHER MEASURES AS DIRECTED BY THE ENGINEER OR VILLAGE OF WELLINGTON.

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL POLLUTION PREVENTION REQUIREMENTS. FOR AFFECTED AREAS GREATER THAN 1 ACRE, COMPLIANCE SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:

   5.1. PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.) IN ACCORDANCE WITH THE D.E.P. "GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES" (D.E.P. DOCUMENT NO. 62-621.300 (4) (A))

   5.2. SUBMITTAL OF THE NOTICE OF INTENT (N.O.I.) TO THE D.E.P.

   5.3. MAINTENANCE AND INSPECTION OF THE ELEMENTS OF THE S.W.P.P.P.

   5.4. MAINTENANCE OF RECORDS (INSPECTION REPORTS, N.O.I., S.W.P.P.P., ETC.)

   5.5. SUBMITTAL OF THE NOTICE OF TERMINATION (N.O.T.) TO THE D.E.P. AT THE CONCLUSION OF THE PROJECT.

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STORMWATER POLLUTION PREVENTION PLAN

SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

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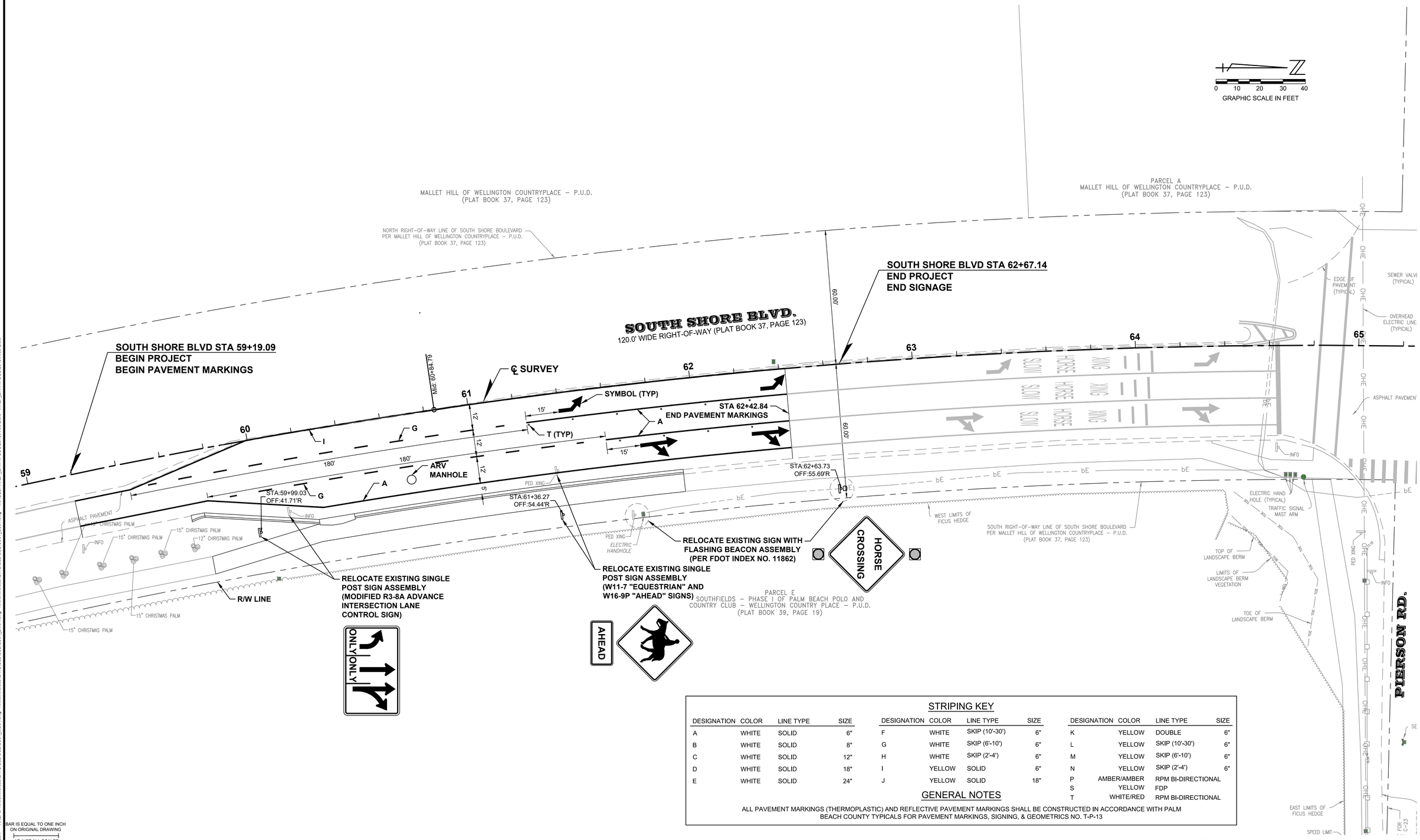

STRIPING KEY

DESIGNATION	COLOR	LINE TYPE	SIZE	DESIGNATION	COLOR	LINE TYPE	SIZE	DESIGNATION	COLOR	LINE TYPE	SIZE
A	WHITE	SOLID	6"	F	WHITE	SKIP (10'-30')	6"	K	YELLOW	DOUBLE	6"
B	WHITE	SOLID	8"	G	WHITE	SKIP (6'-10')	6"	L	YELLOW	SKIP (10'-30')	6"
C	WHITE	SOLID	12"	H	WHITE	SKIP (2'-4')	6"	M	YELLOW	SKIP (6'-10')	6"
D	WHITE	SOLID	18"	I	YELLOW	SOLID	6"	N	YELLOW	SKIP (2'-4')	6"
E	WHITE	SOLID	24"	J	YELLOW	SOLID	18"	P	AMBER/AMBER	RPM BI-DIRECTIONAL	
								S	YELLOW	FDP	
								T	WHITE/RED	RPM BI-DIRECTIONAL	

GENERAL NOTES

ALL PAVEMENT MARKINGS (THERMOPLASTIC) AND REFLECTIVE PAVEMENT MARKINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH PALM BEACH COUNTY TYPICALS FOR PAVEMENT MARKINGS, SIGNING, & GEOMETRICS NO. T-P-13

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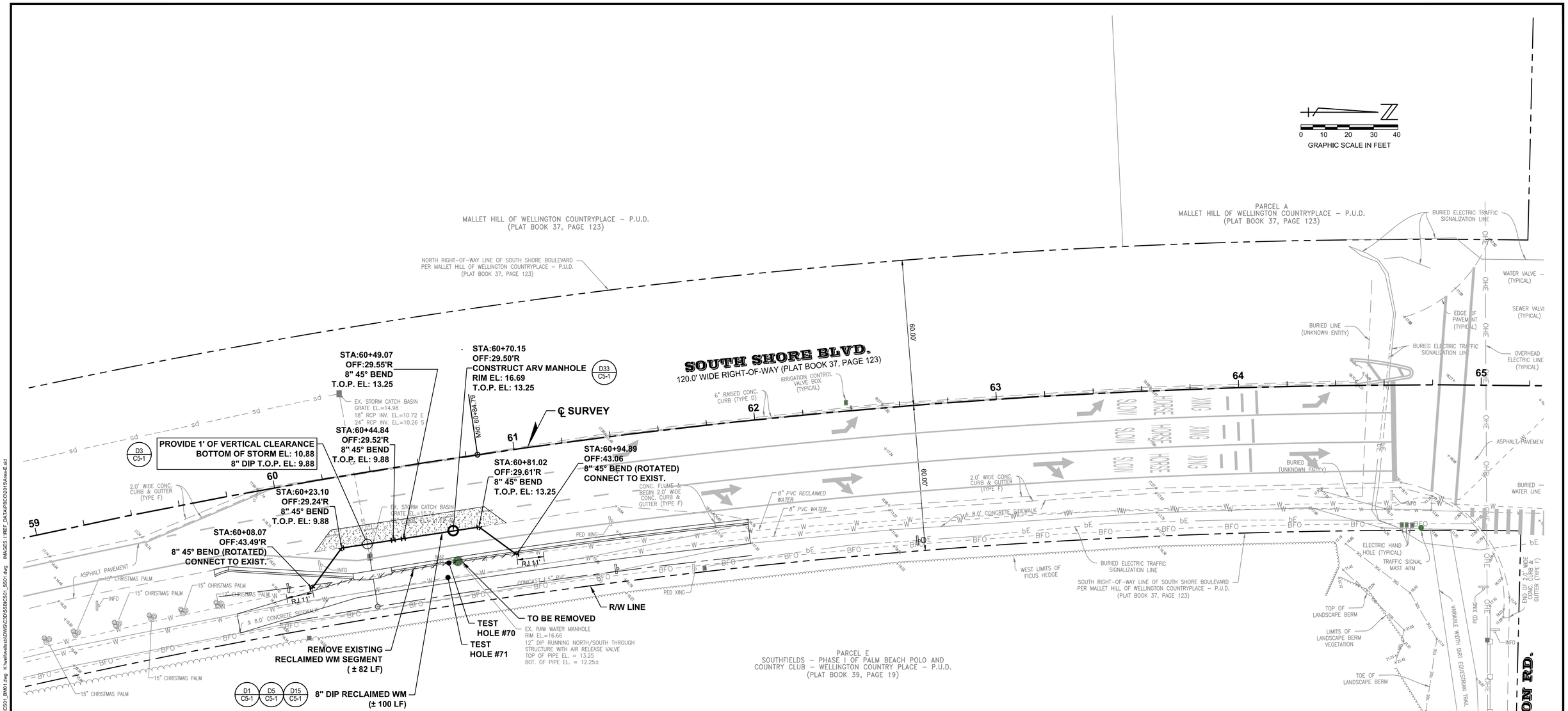
ROADWAY PAVEMENT MARKINGS & SIGNAGE PLAN

SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

DATE: FEBRUARY 2017
P.A. NO. B6703.00
DWG. NO. 44-41-21-22
SHEET: C3-1



NOTES:

1. CONSTRUCT RECLAIMED WATER ARV MANHOLE IN THE CENTER OF THE PROPOSED 12' LANE.
2. CONTRACTOR TO COORDINATE WITH VILLAGE OF WELLINGTON'S UTILITY DEPARTMENT FOR RECLAIMED WATERMAIN SERVICE INTERRUPTIONS.
3. ALL PIPES AND FITTINGS ARE TO BE RESTRAINED.
4. THERE ARE TWO EXISTING 8" IN LINE GATE VALVES ON THE RECLAIMED MAIN THAT CAN BE USED TO ISOLATE THE MAIN FOR THE ARV RELOCATION. ONE VALVE IS AT THE NORTH WEST CORNER OF THE INTERSECTION OF SOUTH SHORE BLVD AND GREENVIEW SHORES BLVD. THE OTHER VALVE IS LOCATED IN THE SIDEWALK ACROSS THE STREET FROM PALM BEACH COUNTY'S FIRE RESCUE STATION LOCATED AT 3411 SOUTH SHORE BLVD.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF WELLINGTON UTILITIES DEPARTMENT A MINIMUM OF 48 HOURS BEFORE COMMENCEMENT OF WORK. CONTACT PERSON FOR UTILITIES RELATED WORK IS SAL SANTORE (PHONE NO. (561) 791 - 4145)

UTILITY TEST HOLE DATA

TEST HOLE NO.	STATION/OFFSET	UTILITY TYPE	PIPE SIZE	PIPE MATERIAL	TOP OF PIPE ELEVATION
70	60+66.35, 42.42' RIGHT	RECLAIMED WATER	8"	PVC	13.44
71	60+65.03, 48.26' RIGHT	WATER	8"	PVC	12.23
TEST HOLE DATA IS FROM THE VILLAGE OF WELLINGTON'S SOUTH SHORE BOULEVARD RECONSTRUCTION PHASE II PROJECT (YEAR 2010)					

LEGEND

- PAVEMENT REPLACEMENT
- PROPOSED 8" DIP
- PIPE TO BE REMOVED

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RECLAIMED WATERMAIN RELOCATION

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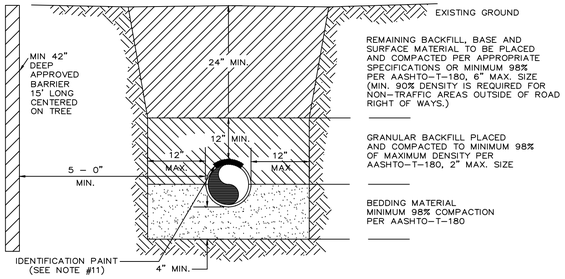
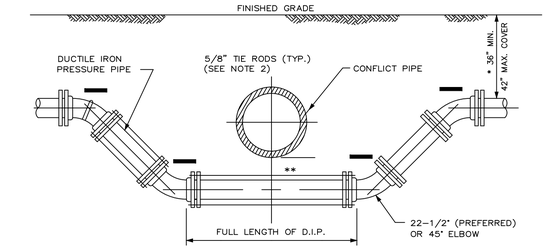


NOTES:

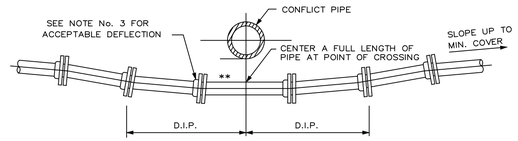
1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" TO 6" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, ROOTS AND DEBRIS.
5. DENSITY TESTS ARE REQUIRED IN 2 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM. MINIMUM 1 SET SET OF TESTS FOR EACH WASTELAND GRAVITY MAIN RUN, OR AS DIRECTED BY THE INSPECTOR.
6. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
7. SEE SEPERATE DETAIL FOR "PIPE INSTALLATION UNDER EXISTING PAVEMENT - OPEN CUT."
8. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
9. APPROVED MAGNETIC TAPE IS REQUIRED FOR: ALL PVC MAINS. THE TAPE SHALL BE INSTALLED 12" ABOVE PIPE.
10. ROOT BARRIER IS REQUIRED FOR APPROVED TREE INSTALLATION CLOSER THAN 10 FEET FROM UTILITY FACILITIES.
11. CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE) AND DIP RECLAIMED WATER MAINS (PURPLE).

D1 / C5-1 TYPICAL TRENCH DETAIL (RECLAIMED WATER MAIN ONLY)



FITTING TYPE

ELECTRONIC MARKERS (TYP)



DEFLECTION TYPE

NOTES:

1. THESE METHODS ARE TO BE USED WHEN INSUFFICIENT COVER EXISTS TO ALLOW PRESSURE PIPE TO CROSS ABOVE CONFLICT PIPE WITH 6" VERTICAL SEPARATION AND MAINTAIN 30" COVER TO FINISHED GRADE AND MEET CURRENT FDEP SEPARATION STANDARDS.
2. THE DEFLECTION TYPE CROSSING IS PREFERRED.
3. DO NOT EXCEED 75% OF MANUFACTURERS RECOMMENDED MAXIMUM JOINT DEFLECTION.
4. MECHANICALLY RESTRAIN ALL FITTINGS, AS PER MANUFACTURERS RECOMMENDATION. AND APPROVED CONSTRUCTION PLANS.
5. LOCATOR DISCS MUST BE PLACED ON ALL FITTING TYPE DEFLECTIONS.

* 36" MIN IN STATE ROAD R/W AND UNDER ASPHALT

** SEPARATION TO CONFORM WITH LATEST FDEP SEPERATION REQUIREMENTS.

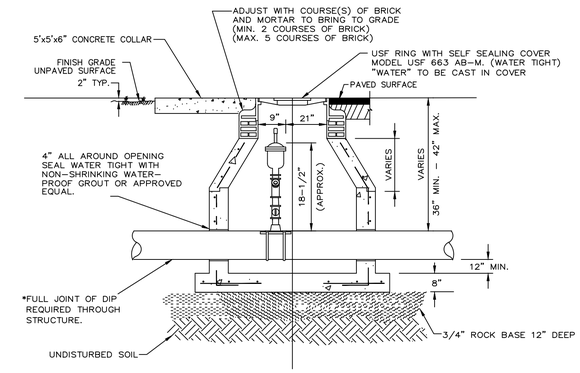
D3 / C5-1 PRESSURE PIPE CONFLICT DETAIL

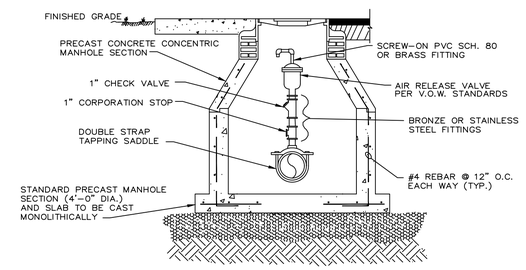
MIN. LENGTH OF PIPE (FEET) TO BE RESTRAINED
(SOURCES: EBAA IRON RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE, RELEASE 3.1, AND DIPRA THRUST RESTRAINT FOR DUCTILE IRON PIPE, RELEASE 3.2)

FITTING TYPE		PIPE SIZE 4"	6"	8"	10"	12"	16"	20"	24"	200psi 30"	36"	42"	48"
90° HORIZ. BEND		14	20	25	30	35	45	54	62	98	112	124	135
45° HORIZ. BEND		6	8	11	13	15	19	22	26	41	46	51	56
22.5° HORIZ. BEND		3	4	5	6	7	9	11	12	19	22	25	27
11.25° HORIZ. BEND		1	2	3	3	4	4	5	6	10	11	12	13
90° VERT. OFFSET	UPPER BEND	29	41	53	64	74	95	115	134	214	246	276	304
	LOWER BEND	7	10	13	16	19	25	30	35	57	66	74	83
45° VERT. OFFSET	UPPER BEND	12	19	24	29	34	39	48	56	89	102	114	126
	LOWER BEND	3	4	6	7	8	10	12	15	23	27	31	34
22.5° VERT. OFFSET	UPPER BEND	6	9	12	14	17	19	23	27	43	49	55	60
	LOWER BEND	1	2	4	4	4	5	6	7	11	13	15	16
11.25° VERT. OFFSET	UPPER BEND	3	4	6	7	8	9	11	13	21	24	27	30
	LOWER BEND	1	1	1	2	2	2	3	3	6	6	7	8
PLUG (DEAD END)		32	45	59	70	83	107	129	151	214	246	276	304
IN-LINE VALVE		32	45	45	45	45	55	65	80	110	125	140	155
TEE (BRANCH RESTRAINT)	4"X ø	23	–	–	–	–	–	–	–	–	–	–	–
	6"X ø	21	35	–	–	–	–	–	–	–	–	–	–
	8"X ø	18	34	47	–	–	–	–	–	–	–	–	–
	10"X ø	16	32	46	58	–	–	–	–	–	–	–	–
	12"X ø	13	30	44	57	69	–	–	–	–	–	–	–
	16"X ø	7	26	41	55	67	90	–	–	–	–	–	–
	20"X ø	1	21	38	52	65	88	109	–	–	–	–	–
	24"X ø	1	16	34	49	62	86	108	129	–	–	–	–
	30"X ø	1	8	28	44	58	83	106	127	208	–	–	–
	36"X ø	1	1	22	39	54	80	103	124	206	240	–	–
	42"X ø	1	1	15	33	49	77	100	122	205	239	270	–
	48"X ø	1	1	7	27	44	73	97	120	203	238	269	298
REDUCER (LARGER PIPE RESTRAINT)	6"X ø	23	–	–	–	–	–	–	–	–	–	–	–
	8"X ø	38	25	–	–	–	–	–	–	–	–	–	–
	10"X ø	57	43	24	–	–	–	–	–	–	–	–	–
	12"X ø	72	60	44	41	–	–	–	–	–	–	–	–
	16"X ø	99	90	78	75	45	–	–	–	–	–	–	–
	20"X ø	123	116	107	105	81	45	–	–	–	–	–	–
	24"X ø	146	140	132	131	111	82	45	–	–	–	–	–
200psi	30"X ø	209	204	197	188	177	153	116	75	–	–	–	–
	36"X ø	243	236	233	226	217	196	168	135	74	–	–	–
	42"X ø	273	270	265	259	252	234	211	183	133	72	–	–
	48"X ø	301	298	294	289	283	268	249	226	183	131	71	–

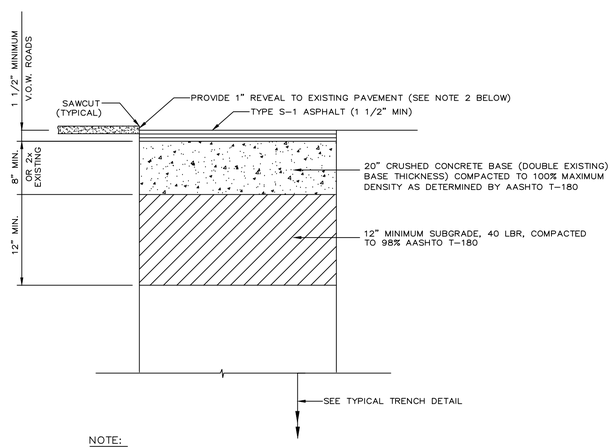
NOTES:
1. THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:
   SOIL TYPE-SAND TEST PRESSURE-150 PSI/200 PSI DEPTH OF BURY-3'
   TRENCH TYPE-3 SAFETY FACTOR- 1.5 VERTICAL OFFSET-3'
   MINIMUM PIPE LENGTH ALONG TEE RUN-5'
2. THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON AND PVC PIPE.
3. ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
4. RESTRAINED PIPE LENGTHS APPLY TO PIPE ON BOTH SIDES OF VALVES AND FITTINGS.

D5 / C5-1 MECHANICAL JOINT RESTRAINT REQUIREMENTS





D33 / C5-1 AIR RELEASE VALVE (UNDERGROUND RECLAIMED WATER MAIN)



NOTE:

1. FOR ASPHALT DRIVEWAYS, THE SUBBASE SHALL BE 8" MIN.
2. FINAL ASPHALT COURSE SHALL BE INCLUDED WITH THE 1" S-III ASPHALT LIFT FOR ROADWAY RESURFACING.

D15 / C5-1 PAVEMENT REPLACEMENT DETAIL

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DETAILS

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RIGHT TURN LANE EXTENSION
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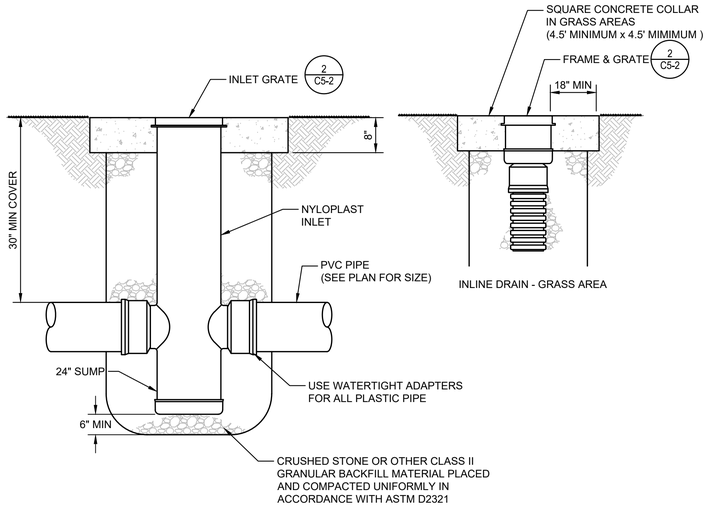
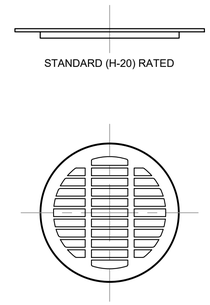
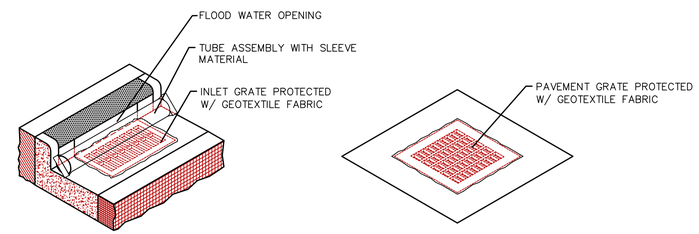


1 / C5-2 NYLOPLAST STRUCTURE
N.T.S.



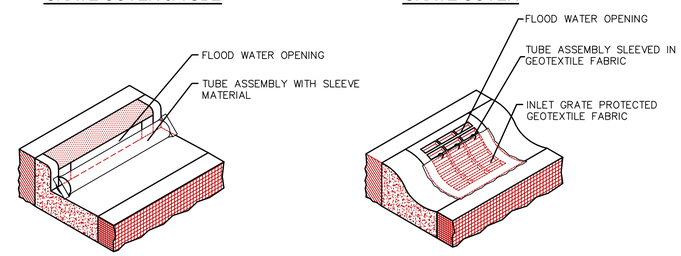
STANDARD GRATE

2 / C5-2 GRATE FOR NYLOPLAST STRUCTURES
N.T.S.



GRATE COVER & TUBE

GRATE COVER



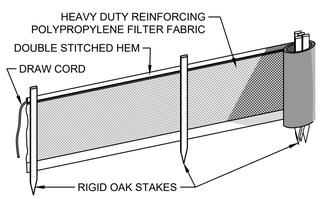
TUBE INLET PROTECTION

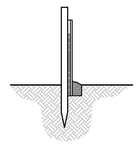
GRATE COVER

NOTES:

1. SLEEVE MATERIAL AND GEOTEXTILE FABRIC SHALL BE SedCatch, OR APPROVED EQUAL.
2. INLET PROTECTION SHOULD BE INSTALLED AT THE TIME THE STRUCTURE IS SET.
3. INSPECT AFTER EACH RAIN OR AS DIRECTED BY ENGINEER OR INSPECTOR.
4. REMOVE ANY ACCUMULATED SEDIMENT AFTER EACH RAIN.
5. GRATE COVER INSTALLATION; CUT A PIECE OF GEOTEXTILE 1 FOOT LARGER THAN GRATE. PLACE GRATE UPSIDE DOWN ON GEOTEXTILE. FOLD SIDES IN TOWARD AND SECURE. REPLACE GRATE.
6. TUBE ASSEMBLY AND INSTALLATION; CUT A PIECE OF SLEEVE MATERIAL 2 FEET LONGER THAN OPENING. CUT A CORRUGATED DRAIN PIPE ONE FOOT LONGER THAN OPENING. INSERT PIPE IN SLEEVE AND CLOSE ONE END WITH HOG RINGS OR OTHER METHOD. INSERT SCHEDULE 40, CONDUIT, OR TUBING THAT WILL KEEP THE PIPE STRAIGHT. FILL WITH TWO POUNDS OF GRAVEL PER LINEAL FOOT. CLOSE END. SECURE TO GRATE OR TO STAKES IN THE GRASS TO PREVENT TUBE FROM BEOMING A TRAFFIC HAZARD.
7. AS WITH ALL INLET PROTECTION DEVICES, CHECK TO SEE HOW DEEP THE WATER COULD RISE IF THE INLET WERE TO BE BLOCKED ENTIRELY. DO NOT INSTALL IF IT COULD CASUE PROPERTY DAMAGE OR POSE A SAFETY HAZARD TO TRAFFIC.

4 / C5-2 STORM INLET SEDIMENT PROTECTION
N.T.S.



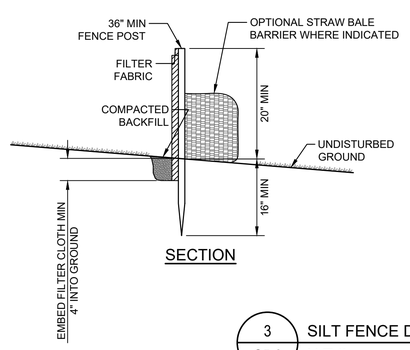


POSTS:

STEEL, EITHER "T" OR "U" TYPE OR 2" HARDWOOD

FILTER FABRIC: PER FDOT STANDARD SPECIFICATION PER FDOT INDEX 102

PREFABRICATED UNIT: GEOFAB, ENVIRO-FENCE, OR APPROVED EQUAL



SECTION

3 / C5-2 SILT FENCE DETAIL
N.T.S.

NOTES

1. FILTER FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS WITH TIES SPACED EVERY 24 INCHES AT TOP AND MID. SECTION. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE OR DEPTH OF ACCUMULATED SEDIMENT REACHES 6 INCHES.
4. SILT FENCE SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL CONSTRUCTION IS COMPLETE.
5. THE CONTRACTOR SHALL INSPECT AND REPAIR THE SILT FENCE AFTER EACH RAIN EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
6. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFFSITE AND CAN BE PERMANENTLY STABILIZED.
7. THE SILT FENCE SHALL BE PLACED ON SLOPE CONTOUR TO MAXIMIZE ITS PONDING EFFICIENCY.
8. IF DITCH LEVEL IS DEEPER THAN 30", THEN A FLOATING SILT SCREEN SHALL BE USED.

BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING
ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

PLOT DATE: Feb 23, 2017 - 10:56am XREFS: IMAGES:

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NO.	DATE	BY	REVISION

SEAL
DENNIS J THOMAS
FLORIDA P.E. NO. 23934
DATE

FLORIDA E.B. NO. 48 — FLORIDA L.B. NO. 48

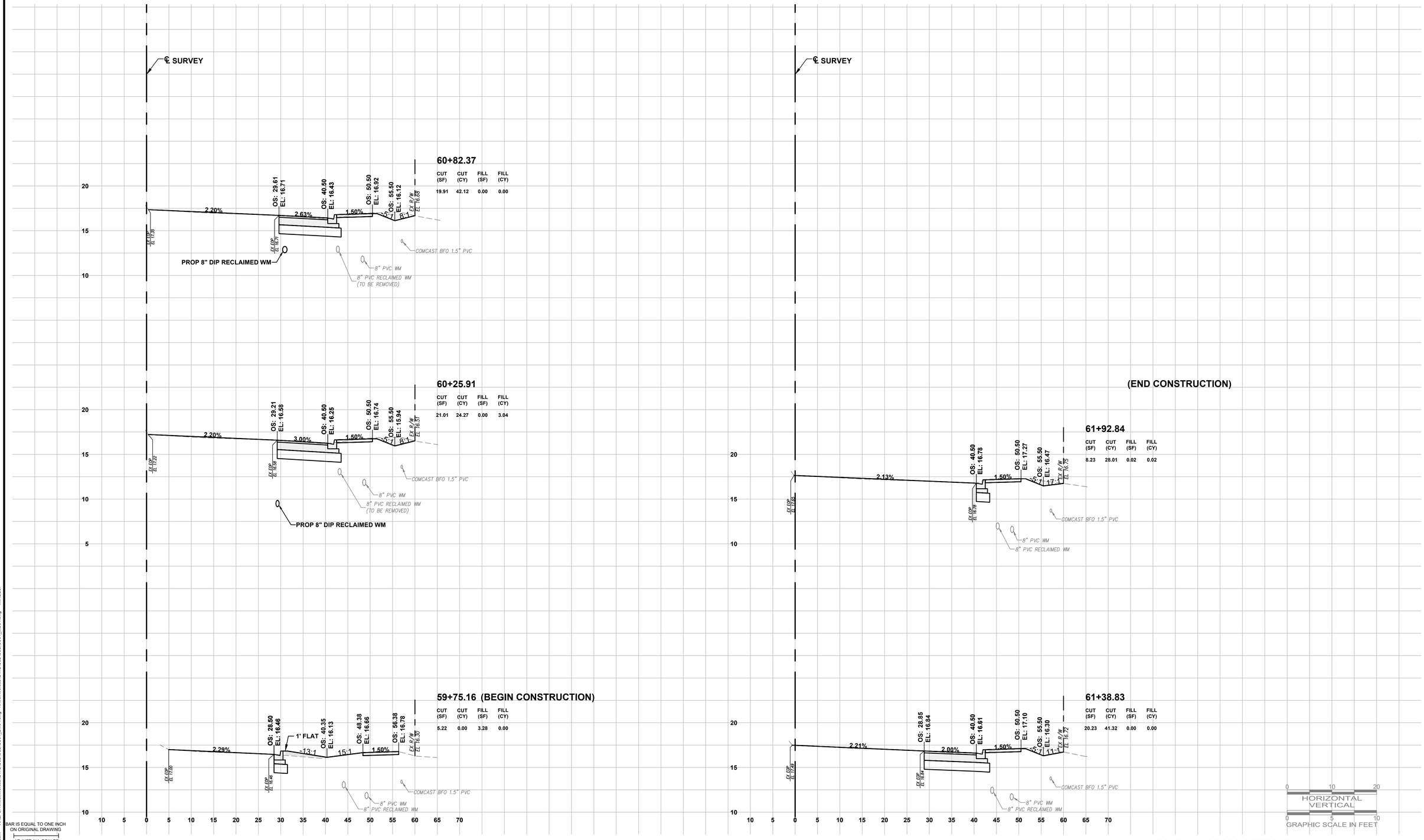
MOCK•ROOS
CONSULTING ENGINEERS
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com

FIELD: KESHAVARZ
DRAWN: TET/YM
DESIGN: DJT
APPR: GGG
SCALE: AS SHOWN

DETAILS

SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

DATE: FEBRUARY 2017
P.A. NO. B6703.00
DWG. NO. 44-41-21-22
SHEET: C5-2



BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING
ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

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SEAL

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FIELD: KESHAVARZ
DRAWN: TET/YM
DESIGN: DJT
APPR: GGG
SCALE: AS SHOWN

ROADWAY CROSS SECTIONS

SOUTH SHORE BLVD NORTH BOUND
RIGHT TURN LANE EXTENSION
AT PIERSON RD
VILLAGE OF WELLINGTON
PALM BEACH COUNTY, FLORIDA

DATE: FEBRUARY 2017
P.A. NO. B6703.00
DWG. NO. 44-41-21-22
SHEET: C6-1