

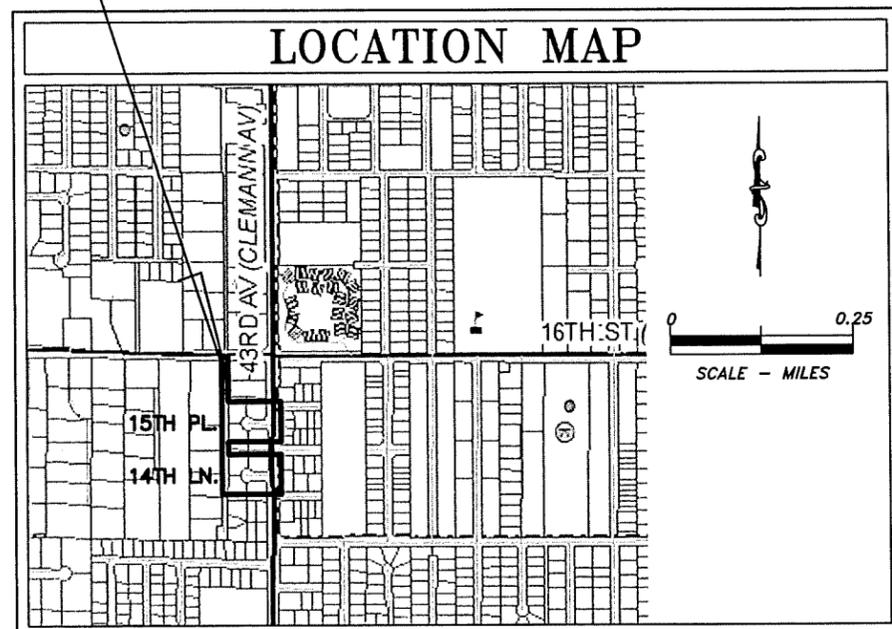
INDIAN RIVER COUNTY

BOARD OF COUNTY COMMISSIONERS

43RD AVE. BICYCLE AND PEDESTRIAN IMPROVEMENTS 14TH LN. AND 15TH PL. RESURFACING

COUNTY PROJECT IRC-1818A

LOCATION OF PROJECT



SEC 9, TWP 33S, RGE 39E



PREPARED BY
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

1801 27TH STREET, VERO BEACH, FLORIDA 32960

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GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
"FY 2023-2024 STANDARD PLANS FOR ROAD
CONSTRUCTION" AND "STANDARDS
SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION" (FY 2023-24 EDITION), AS
AMENDED BY CONTRACT DOCUMENTS.

SUSAN ADAMS, CHAIRMAN
JOSEPH E. FLESCHER, VICE-CHAIRMAN
COMMISSIONER JOE EARMAN
COMMISSIONER DERYL LOAR
COMMISSIONER LAURA MOSS
COUNTY ADMINISTRATOR, JOHN A. TITKANICH, JR.
ACTING PUBLIC WORKS DIRECTOR, KIRSTIN LEIENDECKER, P.E.



GENERAL NOTES

1. GOVERNING SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", DATED FY 2023-24 AND THE INDIAN RIVER COUNTY SPECIFICATIONS.
2. CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FY 2023-24.
3. ALL STATIONS AND OFFSETS ARE REFERENCED TO THE BASELINE OF CONSTRUCTION.
4. ALL GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE SHOWN.
5. THE FINISHED ROADWAY SECTIONS SHALL BE SMOOTH AND SET TO DRAIN.
6. ANY MAILBOX WITHIN THE LIMITS OF CONSTRUCTION IS TO BE TAKEN DOWN AND RESET IN ACCORDANCE WITH POSTAL REQUIREMENTS BY THE CONTRACTOR.
7. THE EXACT LOCATIONS OF PROPOSED SWALES, BACK SLOPE LINES AND LIMITS OF CONSTRUCTION WILL BE IN ACCORDANCE WITH THE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SODDED WITHIN THREE DAYS OF FINAL GRADING.
9. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THIS CONSTRUCTION TO A CONDITION EQUAL TO, OR BETTER THAN EXISTING.
10. ITEMS IN CONFLICT WITH CONSTRUCTION SUCH AS EXISTING CURBS AND GUTTERS, SIDEWALKS, DRAINAGE STRUCTURES, GRATES, PIPE, PAVEMENT, BASE, VEGETATION, AND EXCESS EXCAVATIONS ARE TO BE REMOVED BY THE CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER AWAY FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE UNLESS THE ITEMS ARE SPECIFIED TO BE REUSED ON THE PROJECT. THE COUNTY RESERVES THE RIGHT TO TAKE POSSESSION OF DEMOLISHED ITEMS, AND SHALL BE DELIVERED TO THE INDIAN RIVER COUNTY PUBLIC WORKS, ROAD AND BRIDGE DIVISION AT 4550 41ST STREET. CALL (772) 226-3460 PRIOR TO DELIVERY.
11. EXISTING TREES WITHIN THE PROJECT LIMITS ARE INTENDED TO REMAIN, UNLESS THEY ARE IN DIRECT CONFLICT WITH THE PROPOSED IMPROVEMENTS OR INDICATED TO BE REMOVED. THE CONTRACTOR SHALL TAKE DUE CARE TO PROTECT EXISTING TREES WITHIN THE PROJECT LIMITS THAT ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS. THE CONTRACTOR SHALL REMOVE ALL EXOTIC VEGETATION LOCATED WITHIN THE PROJECT LIMITS OR WITHIN PUBLIC RIGHT-OF-WAY. COST OF THE TREE PRESERVATION AND EXOTIC VEGETATION REMOVAL SHALL BE INCLUDED WITHIN PAY ITEM 0110 1 1, CLEARING & GRUBBING.
12. ALL EXISTING INDIAN RIVER COUNTY SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH ARE TO BE RELOCATED OR REMOVED BY THE CONTRACTOR SHALL BE DELIVERED TO THE INDIAN RIVER COUNTY TRAFFIC OPERATIONS AT 4548 41ST STREET. CALL (772) 226-3820 PRIOR TO DELIVERY.
13. DRIVEWAY TURNOUTS TO BE CONSTRUCTED AS PER FDOT STANDARD PLANS INDEX 522-033, OR AS NOTED ON THE PLANS.
14. DRIVEWAY SLOPES MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MATCH EXISTING CONDITIONS.
15. THE SEQUENCE OF CONSTRUCTION SHALL BE THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND THAT ARE BENEATH THE PAVEMENT SHALL BE IN PLACE AND HAVE PROPER DENSITY PRIOR TO PAVEMENT CONSTRUCTION.
16. NO EXISTING BASE MATERIAL REMOVED IN EXCAVATION SHALL BE REUSED AS PROPOSED BASE MATERIAL.
17. ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND IF ANY DISCREPANCIES ARE DISCOVERED, INDIAN RIVER COUNTY PUBLIC WORKS, ENGINEERING DIVISION SHALL BE NOTIFIED IMMEDIATELY.
18. ALL CHANGES SHALL BE APPROVED IN WRITING BY INDIAN RIVER COUNTY PUBLIC WORKS, ENGINEERING DIVISION.
19. THE CONTRACTOR SHALL MAINTAIN ALL GRASSED AND LANDSCAPED AREAS WITHIN THE PROJECT LIMITS IN A SATISFACTORY CONDITION UNTIL FINAL ACCEPTANCE OF THE PROJECT. MAINTENANCE SHALL INCLUDE MOWING OF ALL EXISTING GRASSED AREAS WITH THE RIGHT-OF-WAY, REMOVAL OF ALL TRASH AND DEBRIS ON A WEEKLY BASIS. GRASS HEIGHT SHALL NOT EXCEED 6 INCHES.
20. THE CONTRACTOR SHALL COORDINATE STAGING AREAS WITH THE INDIAN RIVER COUNTY PUBLIC WORKS, ENGINEERING DIVISION AT (772) 226-1431 AT LEAST SEVENTY TWO (72) HOURS PRIOR TO USE. UPON COMPLETION OF THIS PROJECT THE STAGING AREA SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COST TO THE COUNTY.
21. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED PLAN DATA.

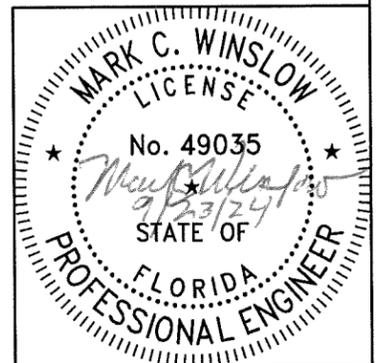
22. THE BASELINE AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. THE COORDINATES AS SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT, AND PROJECTED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE.

DRAINAGE NOTES

1. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHOWN TO NOT REMAIN IN SERVICE SHALL BE REMOVED FROM THE RIGHT-OF-WAY IN THEIR ENTIRETY, UNLESS OTHERWISE NOTED.
2. DURING CONSTRUCTION, SHOULD ANY DRAINAGE STRUCTURES OR PIPES BE FOUND THAT ARE NOT SHOWN ON THE PLANS, NOTIFY INDIAN RIVER COUNTY PUBLIC WORKS, ENGINEERING DIVISION, IMMEDIATELY.
3. REINFORCED CONCRETE PIPE CULVERT SHALL BE CLASS III, WALL B UNLESS OTHERWISE NOTED.
4. ALL DRAINAGE GRATES SHALL BE CAST IRON, UNLESS OTHERWISE SPECIFIED.
5. ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC PER FDOT STANDARD PLANS INDEX 430-001.
6. DITCH BOTTOM INLETS SHALL BE HAVE AN EYEBOLT AND CHAIN IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 425-001.
7. CURB INLET RIM ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS.
8. ALL OF THE BASELINE OFFSET DISTANCES SHOWN ON THE SUMMARY OF DRAINAGE STRUCTURES SHEET FOR THE INLETS AND MANHOLES ARE MEASURED TO THE CENTER OF THE STRUCTURE.
9. THE CONTRACTOR SHALL SUBMIT TO THE COUNTY A VIDEO RECORDING OF THE NEWLY INSTALLED CULVERTS AS PER FDOT SPECIFICATION 430-4.8 PIPE INSPECTIONS. THE CONTRACTOR SHALL DE-WATER INSTALLED PIPE, REMOVE ALL SILT, DEBRIS, ETC. AND SCHEDULE A VISUAL INSPECTION TO BE PERFORMED BY THE COUNTY. THE COST OF VIDEO INSPECTION SHALL BE INCLUDED WITHIN THE COST OF THE ASSOCIATED CULVERT INSTALLATION.
10. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES, TO INCLUDE THE USE OF TEMPORARY BY-PASS PUMPING, PIPING AND/OR SWALES.

UTILITY NOTES

1. THE CONTRACTOR SHALL ADJUST ALL UTILITY LIDS AND COVERS TO FINISHED GRADE AS REQUIRED.
2. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES, AND SHALL COMPLY WITH FLORIDA STATUTE 556, UNDERGROUND FACILITY DAMAGE AND PREVENTION AND SAFETY.
3. THE CONTRACTOR SHALL USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES, UNDERGROUND UTILITIES, OR NEAR CANAL BANKS.
4. EXISTING UTILITIES ARE TO REMAIN IN PLACE AND MAINTAINED THROUGHOUT CONSTRUCTION UNLESS OTHERWISE NOTED.
5. THE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR TWO (2) BUSINESS DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES TO REMAIN IN PLACE.
7. THE CONTRACTOR SHALL CALL SUNSHINE 811 (1-800-432-4770) FOR FIELD LOCATIONS THREE (3) BUSINESS DAYS BEFORE DIGGING. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NOTIFYING ANY UTILITY OWNER(S) THAT MAY NOT BE A "SUNSHINE 811" MEMBER.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		Department of Public Works Engineering Division	DESIGNED BY: M. WINSLOW, P.E.	SECTION 9 TOWNSHIP 33S	DATE: 8/16/2024	COUNTY PROJECT NO.	14TH LN. & 15TH PL. RESURFACING GENERAL NOTES & ABBREVIATIONS	SHEET 2 OF 23
							DRAWN BY: K. HANSEN	RANGE 39E		IRC-1818A		
							APPROVED BY: M. WINSLOW, P.E.	FIELD BOOK NO. STANTON 12	PAGE 13-33			

UTILITY NOTES CONTINUED

8. KNOWN UTILITIES:

COMPANY	CONTACT	TELEPHONE NUMBER
FLORIDA POWER & LIGHT - EMERGENCY		1-800-468-8243
FLORIDA POWER & LIGHT - DISTRIBUTION	MARTIN MIKHAIL	(561) 993-6825
FLORIDA POWER & LIGHT - TRANSMISSION	BEAU BENTLEY	(972) 989-1058
AT&T	MARK LINSCOTT	(321) 419-9875
COMCAST	TIM HENES	(561) 325-2963
INDIAN RIVER FARMS WATER CONTROL DISTRICT	DAVID GUNTER	(772) 562-2141
INDIAN RIVER COUNTY (TRAFFIC)	ERIK FERGUSON	(772) 226-1568
INDIAN RIVER COUNTY (UTILITIES)	HARRISON YOUNGBLOOD	(772) 226-4343

9. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS AS REQUIRED.

10. WATER AND SANITARY SEWER UTILITY WORK SHALL BE IN CONFORMANCE WITH ALL CODES, STANDARDS, ORDINANCES, AND THE LOCAL UTILITY DEPARTMENT OWNING THE FACILITIES.

SURVEY NOTES

- BENCHMARKS AND ELEVATIONS SHOWN ON THE PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88). PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE BENCHMARK ELEVATIONS SHOWN ON THESE PLANS.
- ANY GEODETIC MONUMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY: GEODETIC INFORMATION CENTER ATTN: N/CG-162
MARK MAINTENANCE SECTION
6001 EXECUTIVE BLVD., ROCKVILLE, MD 20852
TELEPHONE: (301) 443-8319
- ANY EXISTING SECTION CORNER, QUARTER SECTION CORNER, AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND RE-SET AFTER CONSTRUCTION USING A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.

MAINTENANCE OF TRAFFIC NOTES

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES DURING CONSTRUCTION IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 102-600 THRU 102-680, AND SHALL PROVIDE ALL BARRICADES, LIGHTING, CHANNELIZING DEVICES, TEMPORARY PAVEMENTS, TEMPORARY SIGNALS, ATTENUATORS, VARIABLE MESSAGE SIGNS, SIGNAGE AND FLAG MEN AS NECESSARY OR ANYTHING ELSE THAT MAY BE REQUIRED TO PROVIDE FOR THE SAFETY OF THE PUBLIC IN THE AREA OF THE WORK. THE CONTRACTOR SHALL PREPARE AND SUBMIT SIGNED AND SEALED MAINTENANCE OF TRAFFIC PLANS TO THE INDIAN RIVER COUNTY TRAFFIC DIVISION FOR APPROVAL PRIOR TO THE BEGINNING OF CONSTRUCTION.
- ALL LANE CLOSURES SHALL BE APPROVED SEVENTY TWO (72) HOURS IN ADVANCE, AND ROAD CLOSURES TEN (10) DAYS IN ADVANCE BY INDIAN RIVER COUNTY TRAFFIC ENGINEERING. ALL LANES, INCLUDING TEMPORARY/SHORT-TERM CLOSURES, MUST BE OPEN IN THE EVENT OF AN EVACUATION.
- TEMPORARY LANES CLOSURES PROPOSED BY THE CONTRACTOR SHALL BE INITIATED NO EARLIER THAN 9:00 AM AND MUST BE REMOVED NO LATER THAN 4:00 PM.
- ACCESS TO RESIDENTIAL NEIGHBORHOODS AND DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION.

SOD NOTES

- ON SLOPES OF 3:1 OR GREATER, OR WHEREVER EROSION IS OBSERVED, SOD SHALL BE LAID WITH STAGGERED JOINTS AND SECURED BY PINNING OR OTHER APPROVED METHODS. SOD SHALL BE INSTALLED WITH THE LENGTH PERPENDICULAR TO THE SLOPE (ON THE CONTOUR). BEGIN LAYING SOD AT THE BOTTOM OF THE SLOPE AND WORK UPHILL.

ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials	S	South
ACI	American Concrete Institute	S/CD	Storm/Cross Drain
Approx.	Approximate	SD	Side Drain
AS	Assembly	SP	Superpave
		Sq. Ft., SF or S.F.	Square Foot
		Sq. Yd., SY or S.Y.	Square Yard
@	Baseline	SS	Sanitary Sewer
BE	Buried Electric	Std	Standard
BFO	Buried Fiber Optic	S.W.	Southwest
BM	Benchmark		
Bot	Bottom	TBM	Temporary Bench Mark
		Tn	Ton
		Typ.	Typical
CL, C/L or C	Center Line		
CMP	Corrugated Metal Pipe		
Conc.	Concrete	U.O.N.	Unless Otherwise Noted
Const.	Construct or Construction		
Cont.	Continuous	WM	Water Main
CY	Cubic Yard		
DT	Ditch		
DIP	Ductile Iron Pipe		
Ea	Each		
El. or Elev.	Elevation		
Embed.	Embedment		
Exist.	Existing		
FDOT	Florida Department of Transportation		
FH	Fire Hydrant		
F&I	Furnish & Install		
FM	Force Main		
HDPE	High-density polyethylene		
I.R.F.W.C.D.	Indian River Farms Water Control District		
Inv.	Invert		
L	Length, Length of Curve, Left		
LBR	Limerock Bearing Ratio		
LF	Linear Foot/Feet		
Loc	Location		
LS	Lump Sum		
LT.	Left		
Mat.	Material		
Max.	Maximum		
Min.	Minimum		
Misc.	Miscellaneous		
N	North		
NAVD-88	North American Vertical Datum-88		
NTS	Not to Scale		
OC or O.C.	On Center		
OD	Outside Diameter		
OE	Overhead Electric		
PE	Professional Engineer		
Prop.	Proposed		
PVC	Polyvinyl Chloride		
R or Rad.	Radius		
RCP	Reinforced Concrete Pipe		
RT	Right		
R/W, ROW	Right of Way		

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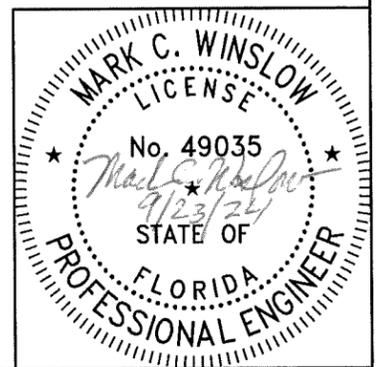


Department of Public Works
Engineering Division

DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/16/2024
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APPROVED BY: M. WINSLOW, P.E.	RANGE 39E	IRC-1818A
	FIELD BOOK NO. STANTON 12	PAGE 13-33

14TH LN. & 15TH PL. RESURFACING
GENERAL NOTES & ABBREVIATIONS

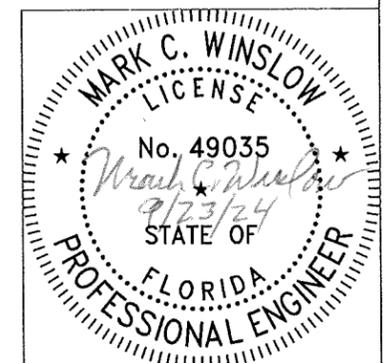
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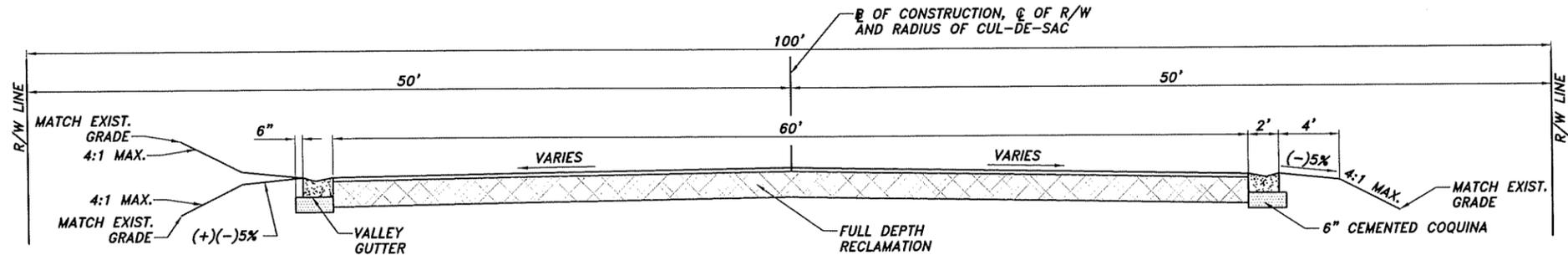
SUMMARY OF PAY ITEMS			
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
101-1	MOBILIZATION/DEMobilIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-2	PREVENTION, CONTROL, & ABATEMENT OF EROSION & WATER POLLUTION	LS	1
110-1-1A	CLEARING AND GRUBBING (RIGHT OF WAY)	LS	1
110-1-1B	CLEARING, TREE AND STUMP REMOVAL (DRAINAGE EASEMENT)	LS	1
110-7-1	MAILBOX (REMOVE AND RESET, SINGLE)	EA	10
110-23	TREE AND STUMP REMOVAL (RIGHT OF WAY)	EA	2
120-1	REGULAR EXCAVATION	CY	80
120-6	EMBANKMENT	CY	80
283-1	ASPHALT EMULSION TYPE CSS-1H	GAL	2,240
283-2	PORTLAND CEMENT TYPE 1	TN	12
283-7	FULL DEPTH RECLAMATION (10" MIXING DEPTH)	SY	1,120
285-704	OPTIONAL BASE GROUP 04 (CEMENTED COQUINA, LBR 100, 6")	SY	1,300
286-2	REPLACE ASPHALT DRIVEWAY (1-1/2" SP-9.5 ASPHALT CONCRETE)	SY	70
334-1-53	SUPERPAVE ASPHALT CONCRETE, TRAFFIC C (PG76-22) (SP-9.5) (1-1/2")	TN	100
430-94-1	CLEAR AND DESILT DRAINAGE PIPE, 0-24"	LF	22
430-94-2	CLEAR AND DESILT DRAINAGE PIPE, 25-36"	LF	6
430-175-115	PIPE CULVERT, ROUND, 15" S/CD (POLYPROPYLENE)	LF	20
520-1	CONCRETE FLUME	EA	2
520-3	CONCRETE VALLEY GUTTER (2' WIDE, 3,000 PSI MIN.)	LF	775
522-2	REPLACE CONCRETE DRIVEWAY (6" THICK, 3,000 PSI MIN.)	SY	135
526-1-101	REMOVE AND REPLACE BRICK PAVERS	SF	98
530-3-4	RIPRAP, RUBBLE, F&I, (CULVERT INSTALLATION)	TN	6
570-1-1A	PERFORMANCE TURF (SOD) (BAHIA)	SY	800
570-1-1B	PERFORMANCE TURF (SOD) (ST. AUGUSTINE)	SY	600
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	12
711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	200
999-1	AS-BUILT SURVEYING AND RECORD DRAWING PREPARATION (BY REGISTERED SURVEYOR)	LS	1

PAY ITEM FOOTNOTES

- 101-1 COST TO INCLUDE CONSTRUCTION LAYOUT SURVEY.
- 102-1 COST TO INCLUDE BUT NOT BE LIMITED TO CONSTRUCTION SIGNS, TEMPORARY STRIPING, TEMPORARY REFLECTIVE PAVEMENT MARKERS, INCIDENTAL TEMPORARY PAVEMENT, AND ALL OTHER TRAFFIC CONTROL DEVICES REQUIRED TO MEET THE MAINTENANCE OF TRAFFIC AS PRESCRIBED IN THE FDOT STANDARD PLANS INDEX 102.
- 104-2 COST TO INCLUDE, BUT NOT LIMITED TO ALL MATERIAL, LABOR, MAINTENANCE AND REMOVAL NECESSARY TO PREVENT DUST CONTROL AND SEDIMENT TRANSPORT BEYOND THE PROJECT LIMITS INCLUDING SILT FENCE AND INLET PROTECTION.
- 110-1-1 COST TO INCLUDE REMOVAL AND DISPOSAL OF ASPHALT DRIVEWAYS AND BASE, CONCRETE DRIVEWAYS INCLUDING SAWCUTTING, VEGETATION, GRASS, LANDSCAPING, ROCKS, BOULDERS, BACKFILLING THE REMOVED EXCAVATIONS, PLUS ALL OTHER ITEMS NECESSARY TO BE REMOVED TO CONSTRUCT THE PROJECT.
- 120-1 COST TO INCLUDE EXCAVATION, SHAPING AND GRADING OF CONVEYANCE SWALES.
- 283-7 COST TO INCLUDE DEVELOPMENT OF FDR MIX DESIGN, MIXING, SAMPLING, WATER, TESTING OF THE INSTALLED FDR BASE INCLUDING LBR, DENSITY AND MARSHALL STABILITY AS NECESSARY TO VERIFY THE MIX DESIGN AND COMPLIANCE WITH THE SPECIFICATIONS.
- 286-2 COST TO INCLUDE 1-1/2" TYPE SP-9.5 ASPHALTIC CONCRETE, 6" BASE, PRIME COAT, EARTHWORK, GRADING, DENSITY TESTING, AND ALL INCIDENTAL WORK NECESSARY FOR CONSTRUCTION.
- 334-1-53 COST TO INCLUDE PRIME COAT.
- 430-175-115 COST TO INCLUDE REMOVAL OF EXISTING PIPE, FENCE, EXCAVATION, FILL, FILTER FABRIC, AND #57 STONE BEDDING, REMOVAL OF EXISTING PIPE, FENCE, CONCRETE AND BRICK PAVER SIDEWALK.
- 522-2 COST TO INCLUDE 6" CONCRETE, EARTHWORK, FORM WORK, GRADING, DENSITY TESTING, AND ALL INCIDENTAL WORK NECESSARY FOR CONSTRUCTION.
- 570-1-1X COST TO INCLUDE FINAL GRADING, WATERING, FERTILIZER, MOWING, STAKING/PINNING ON EMBANKMENTS, TOOLS, EQUIPMENT, LABOR, AND ALL INCIDENTAL ITEMS NECESSARY TO ESTABLISH THE SOD. BAHIA SOD SHALL BE PLACED ON ALL DISTURBED, NON-IRRIGATED AREAS.
- 711-11-221 COST TO INCLUDE TEMPORARY STRIPING.

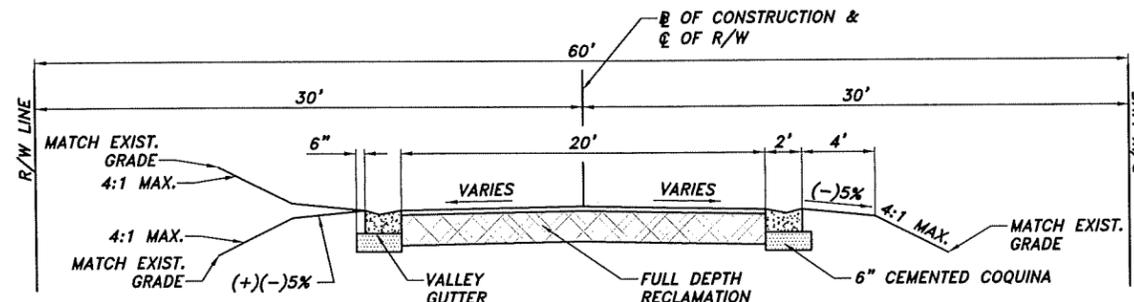


14TH LANE ROAD SLOPE (-)0.67%
15TH PLACE ROAD SLOPE (-)1%



TYPICAL SECTIONS THROUGH CUL-DE-SAC
ON 14TH LANE AND 15TH PLACE
SCALE: H:1"=10'
V:1"=5'

14TH LANE STA. 12+42.43 TO
STA. 12+82.76 ROAD SLOPE (-)1%
15TH PLACE STA. 14+42.43 TO
STA. 12+85.98 ROAD SLOPE (-)2%



TYPICAL SECTIONS ON 14TH LANE AND 15TH PLACE
SCALE: H:1"=10'
V:1"=5'

PAVEMENT DESIGN

1-1/2" SP-9.5 ASPHALT SURFACE COURSE (PG76-22) (TRAFFIC LEVEL C).
FDR 10" (FULL DEPTH RECLAMATION)

THE CONTRACTOR SHALL PROVIDE AND SUBMIT THE FDR MIX DESIGN TO THE COUNTY FOR APPROVAL.

FULL DEPTH RECLAMATION

MATERIAL GRADATION - 100% PASSING 2" SIEVE AND NO MORE THAN 20% PASSING NO. 2 SIEVE

BITUMINOUS STABILIZING AGENT - ASPHALT EMULSION CSS-1H. (MINIMUM SPREAD RATE (GAL./S.Y.) TO BE DETERMINED FROM THE FDR MIX DESIGN).

CHEMICAL STABILIZING AGENT - PORTLAND CEMENT TYPE 1. (MINIMUM SPREAD RATE (LBS./S.Y.) TO BE DETERMINED FROM THE FDR MIX DESIGN).

WATER CONTENT - OPTIMUM WATER CONTENT TO BE DETERMINED FROM THE FDR MIX DESIGN.



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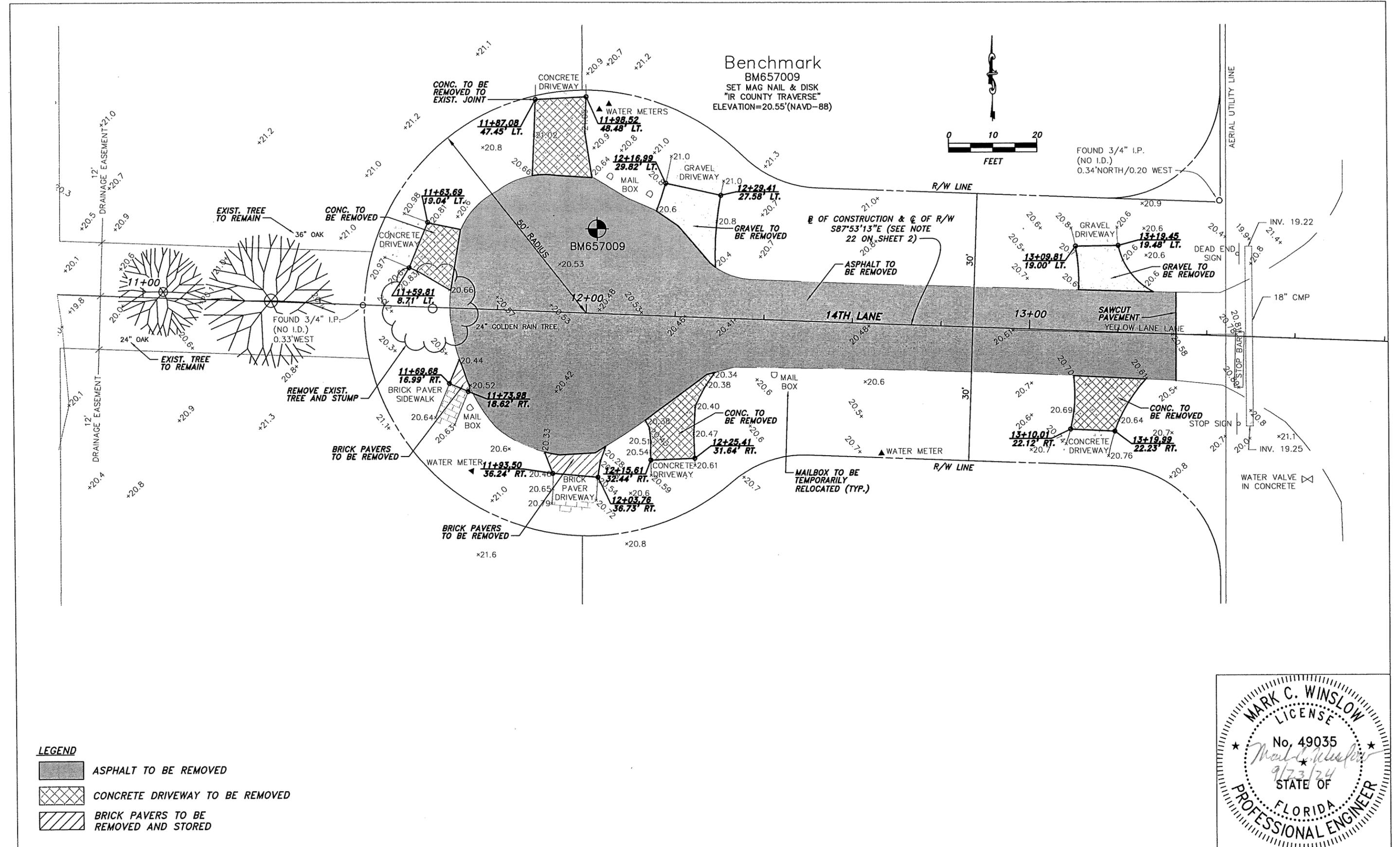


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14TH LN. & 15TH PL. RESURFACING
TYPICAL SECTIONS

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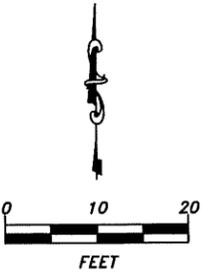
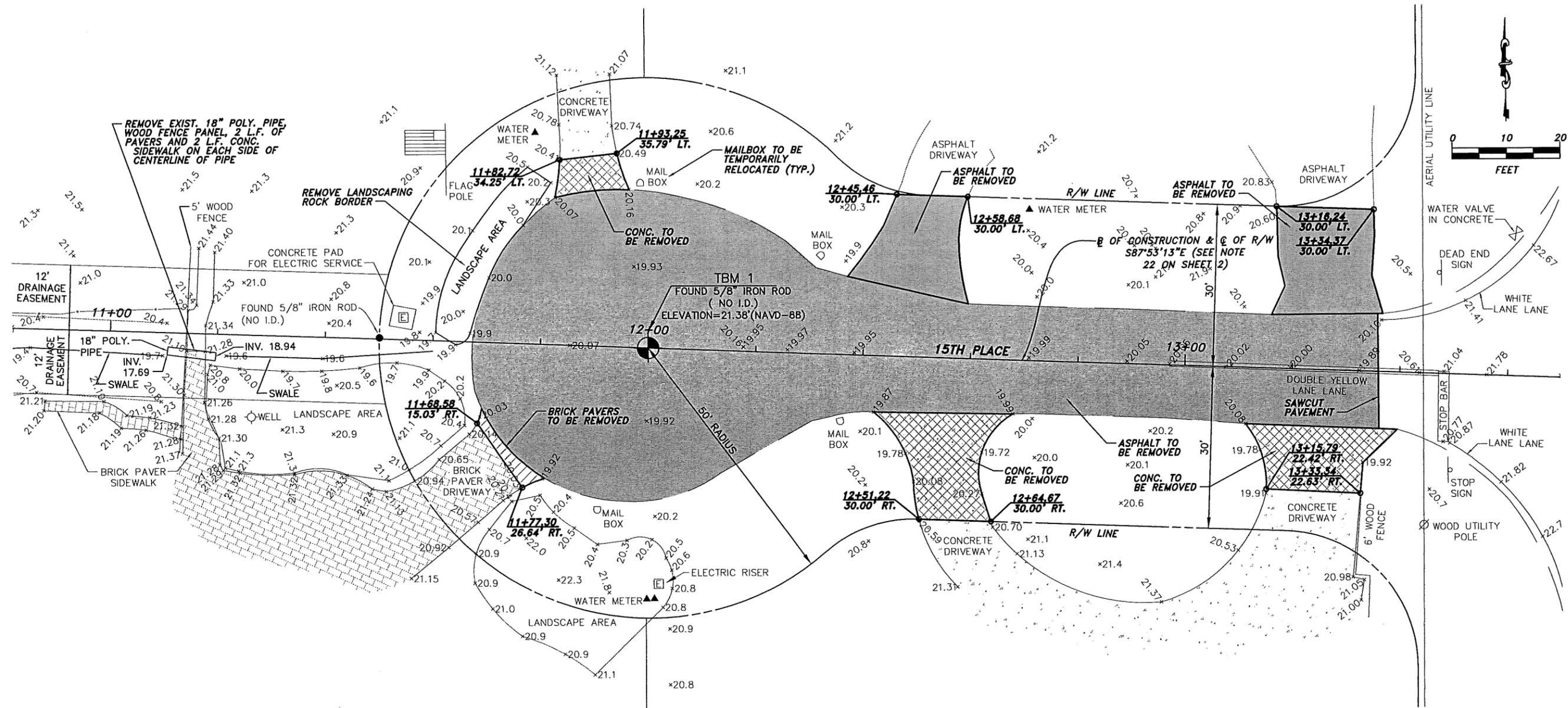


LEGEND

- ASPHALT TO BE REMOVED
- CONCRETE DRIVEWAY TO BE REMOVED
- BRICK PAVERS TO BE REMOVED AND STORED

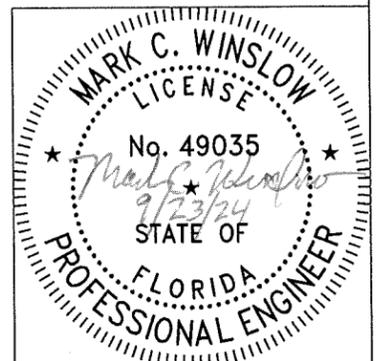


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: M. WINSLOW, P.E.	SECTION 9 TOWNSHIP 33S	DATE: 8/16/2024	14TH LN. & 15TH PL. RESURFACING EXISTING CONDITIONS & DEMOLITION PLAN	SHEET
						DRAWN BY: K. HANSEN	RANGE 39E	COUNTY PROJECT NO.		6
						APPROVED BY: M. WINSLOW, P.E.	FIELD BOOK NO. STANTON 12	PAGE 13-33		of 23



LEGEND

- ASPHALT TO BE REMOVED
- CONCRETE DRIVEWAY TO BE REMOVED
- BRICK PAVERS TO BE REMOVED AND STORED



No.	Revision	Date	By

INDIAN RIVER COUNTY
1801 27th STREET
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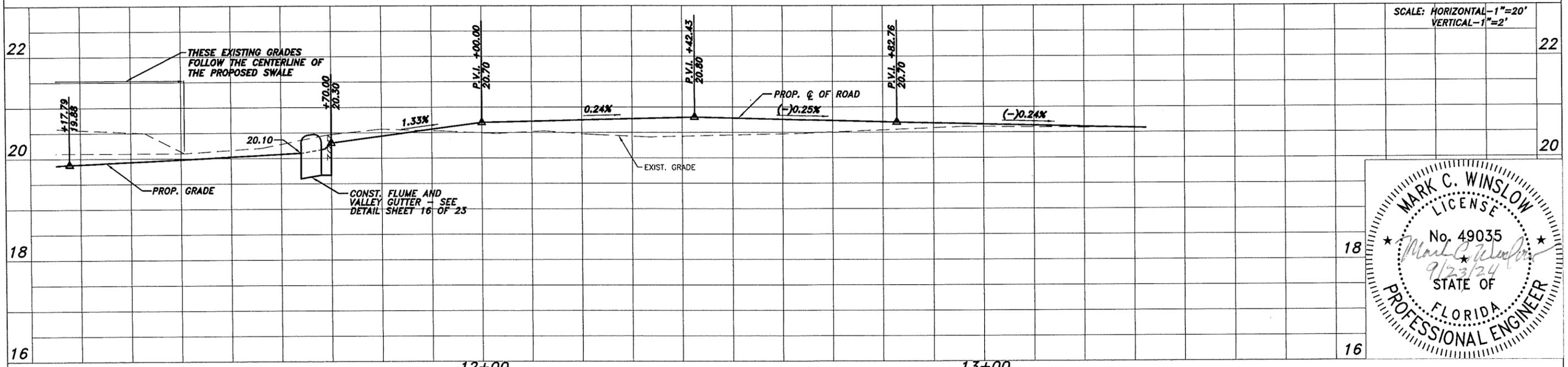
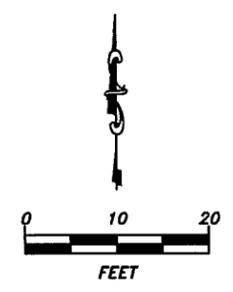
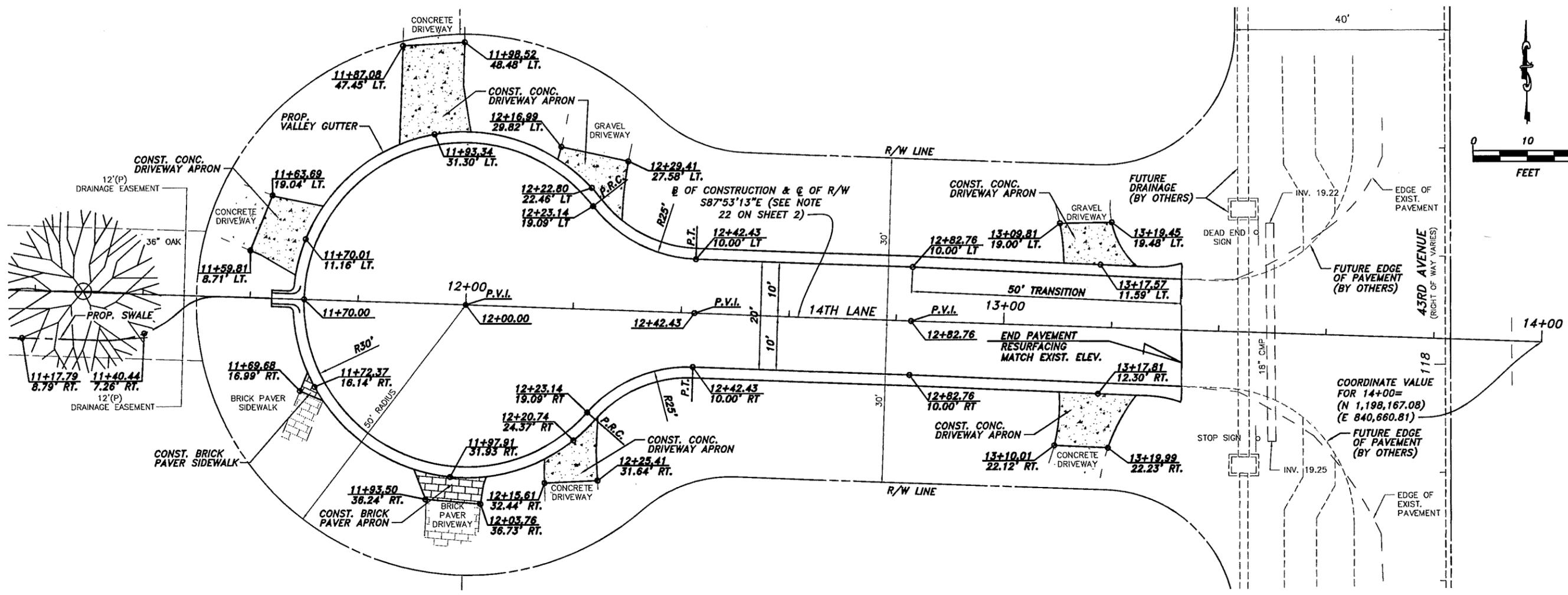


Department of Public Works
Engineering Division

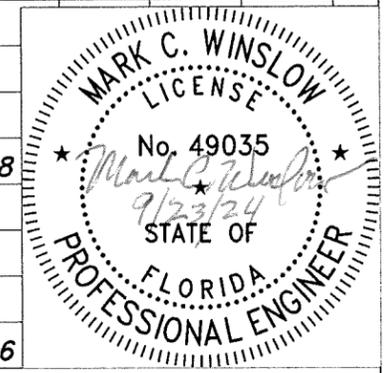
DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/16/2024
DRAWN BY: K. HANSEN	TOWNSHIP 33S	COUNTY PROJECT NO.
APPROVED BY: M. WINSLOW, P.E.	RANGE 39E	IRC-1818A
	FIELD BOOK NO. STANTON 12	PAGE 13-33

14TH LN. & 15TH PL. RESURFACING
EXISTING CONDITIONS & DEMOLITION PLAN

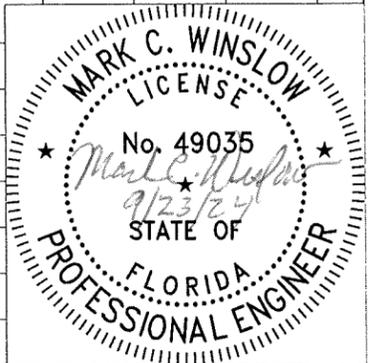
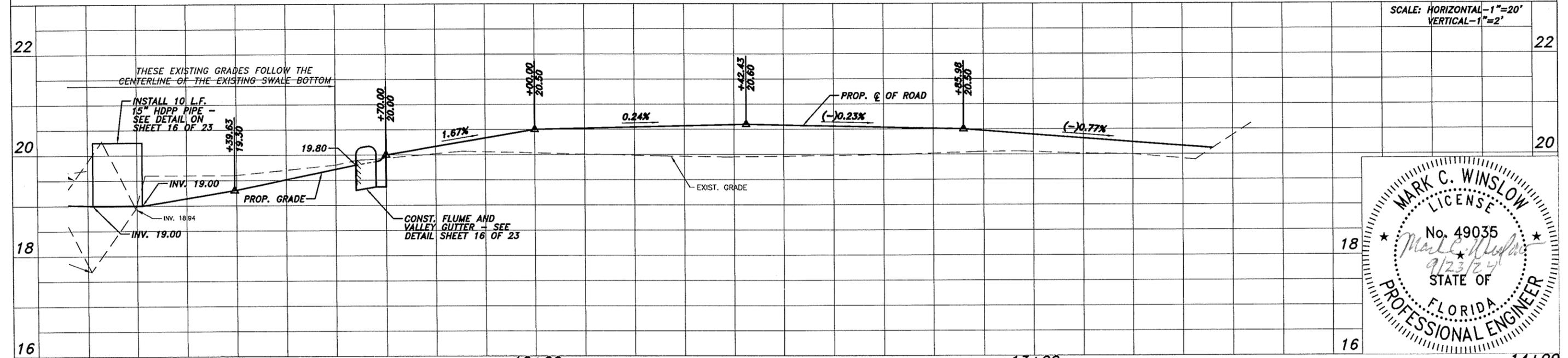
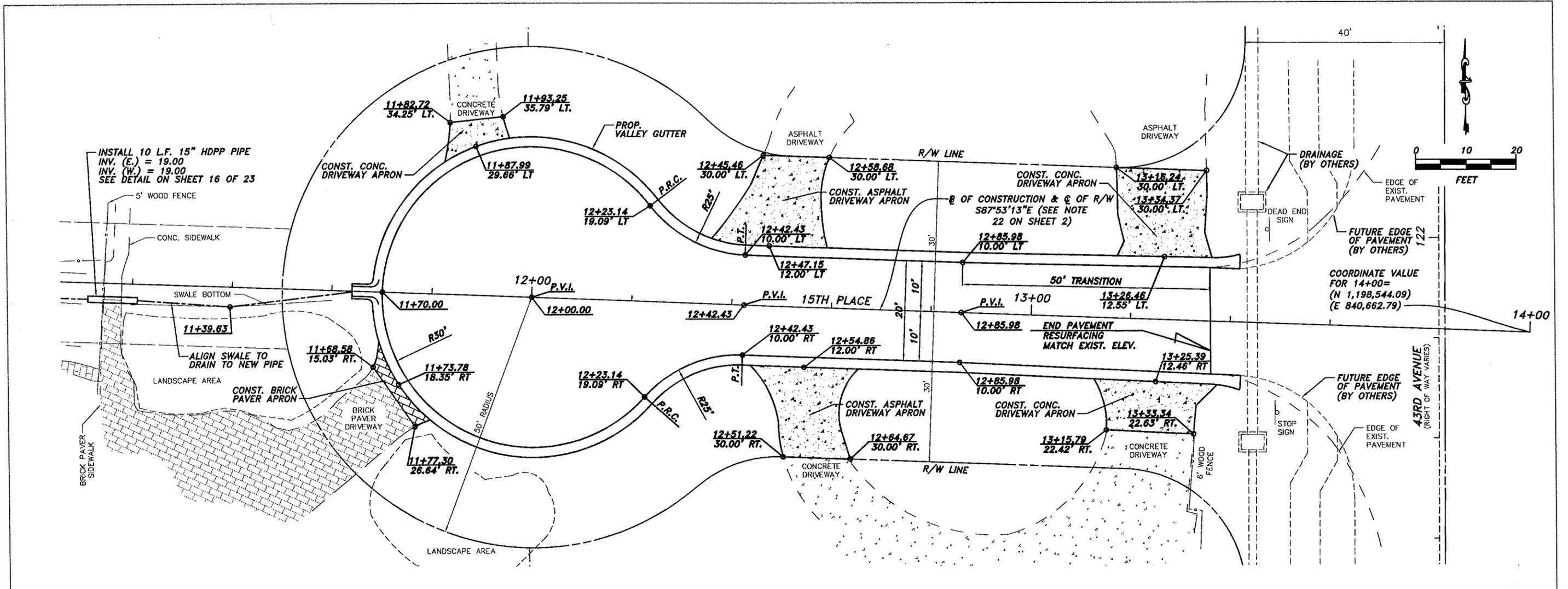
SHEET 7
of 23



SCALE: HORIZONTAL-1"=20'
VERTICAL-1"=2'

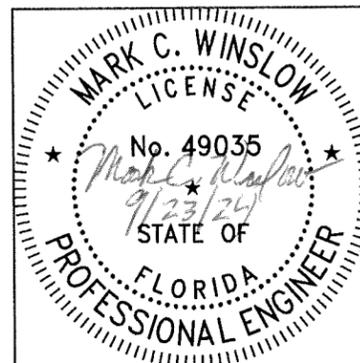
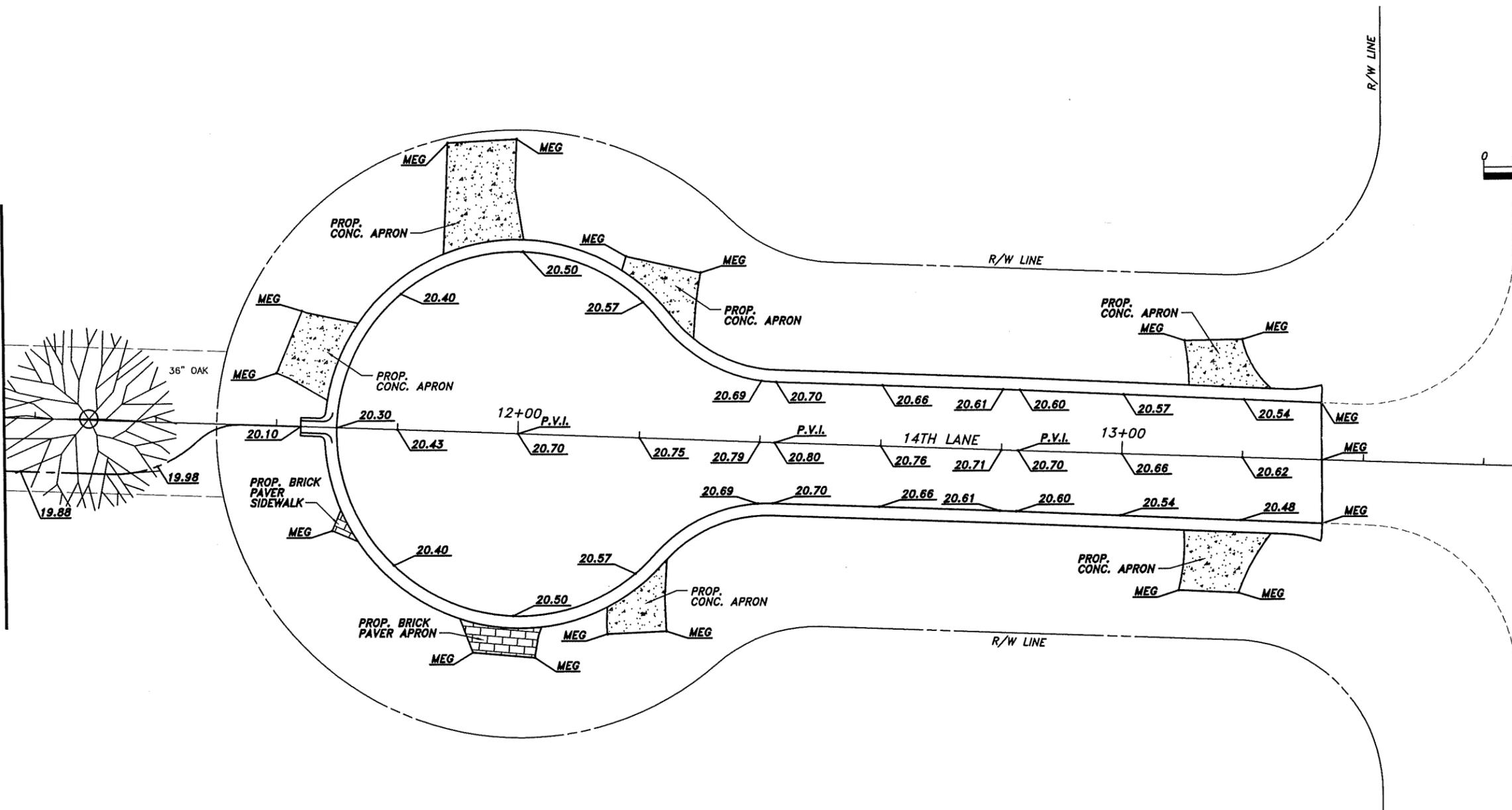


No. Revision Date By			INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		Department of Public Works Engineering Division		DESIGNED BY: M. WINSLOW, P.E. DRAWN BY: K. HANSEN APPROVED BY: M. WINSLOW, P.E.		SECTION 9 TOWNSHIP 33S RANGE 39E FIELD BOOK NO. STANTON 12 PAGE 13-33		DATE: 8/16/2024 COUNTY PROJECT NO. IRC-1818A		14TH LN. & 15TH PL. RESURFACING PLAN & PROFILE		SHEET 8 OF 23
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No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/16/2024	14TH LN. & 15TH PL. RESURFACING PLAN & PROFILE	SHEET 9 of 23
				Department of Public Works Engineering Division	DRAWN BY: K. HANSEN	TOWNSHIP 33S	COUNTY PROJECT NO.		
					APPROVED BY: M. WINSLOW, P.E.	RANGE 39E FIELD BOOK NO. STANTON 12	IRC-1818A		

MATCH LINE A-A SHEET 12 OF 23



No.	Revision	Date	By

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 VERO BEACH, FL 32960
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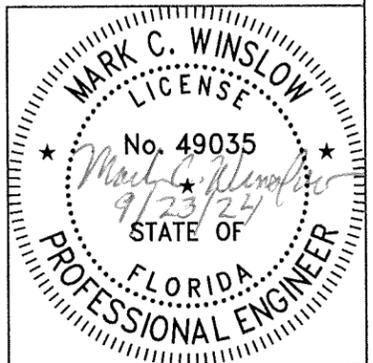
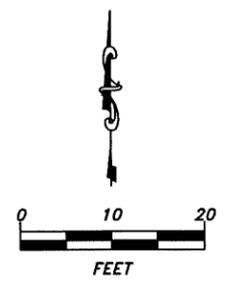
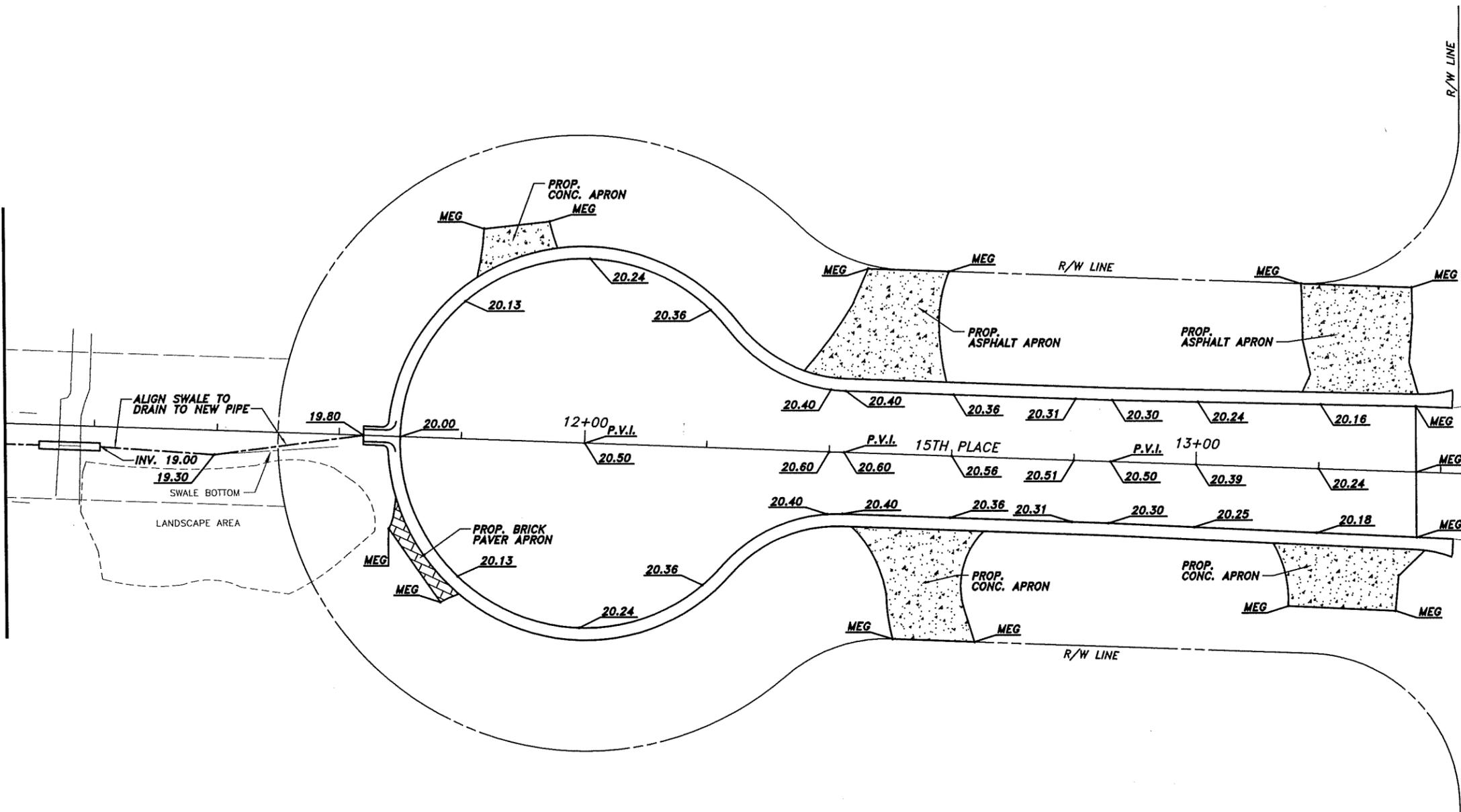
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 Engineering Division

DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/16/2024
DRAWN BY: K. HANSEN	TOWNSHIP 33S	COUNTY PROJECT NO.
APPROVED BY: M. WINSLOW, P.E.	RANGE 39E	IRC-1818A
	FIELD BOOK NO. STANTON 12	PAGE 13-33

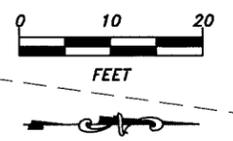
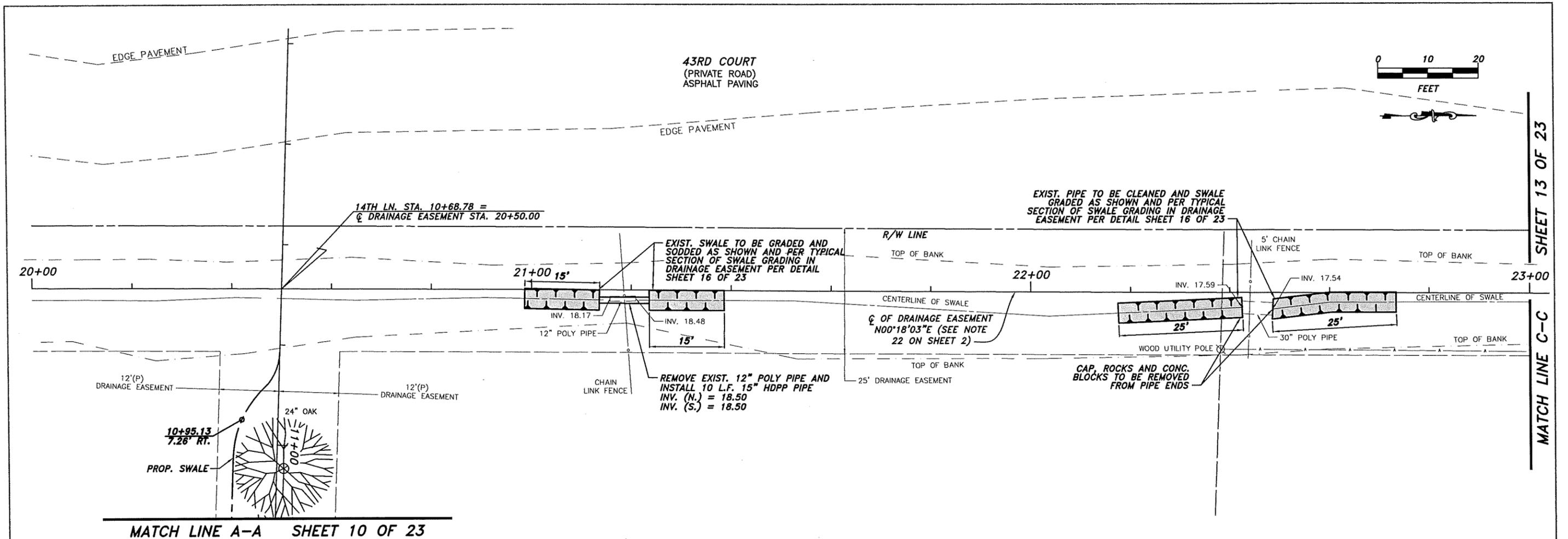
14TH LN. & 15TH PL. RESURFACING
 GRADING PLAN - 14TH LANE

SHEET 10 OF 23

MATCH LINE B-B SHEET 13 OF 23

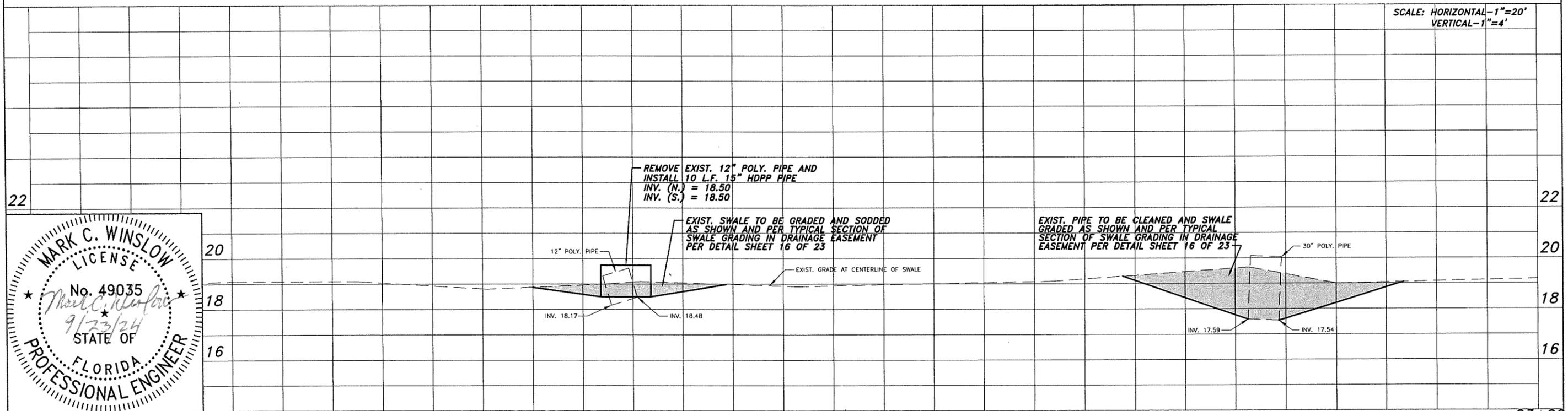


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/16/2024	14TH LN. & 15TH PL. RESURFACING GRADING PLAN - 15TH PLACE	SHEET 11 OF 23
						DRAWN BY: K. HANSEN	TOWNSHIP 33S RANGE 39E FIELD BOOK NO. STANTON 12	PAGE 39F PAGE 13-33		

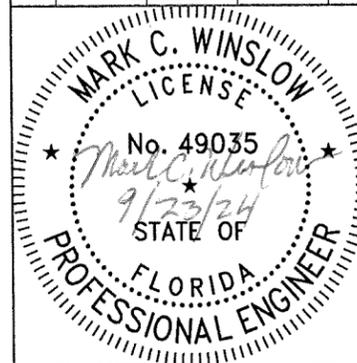


SHEET 13 OF 23
MATCH LINE C-C

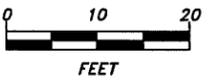
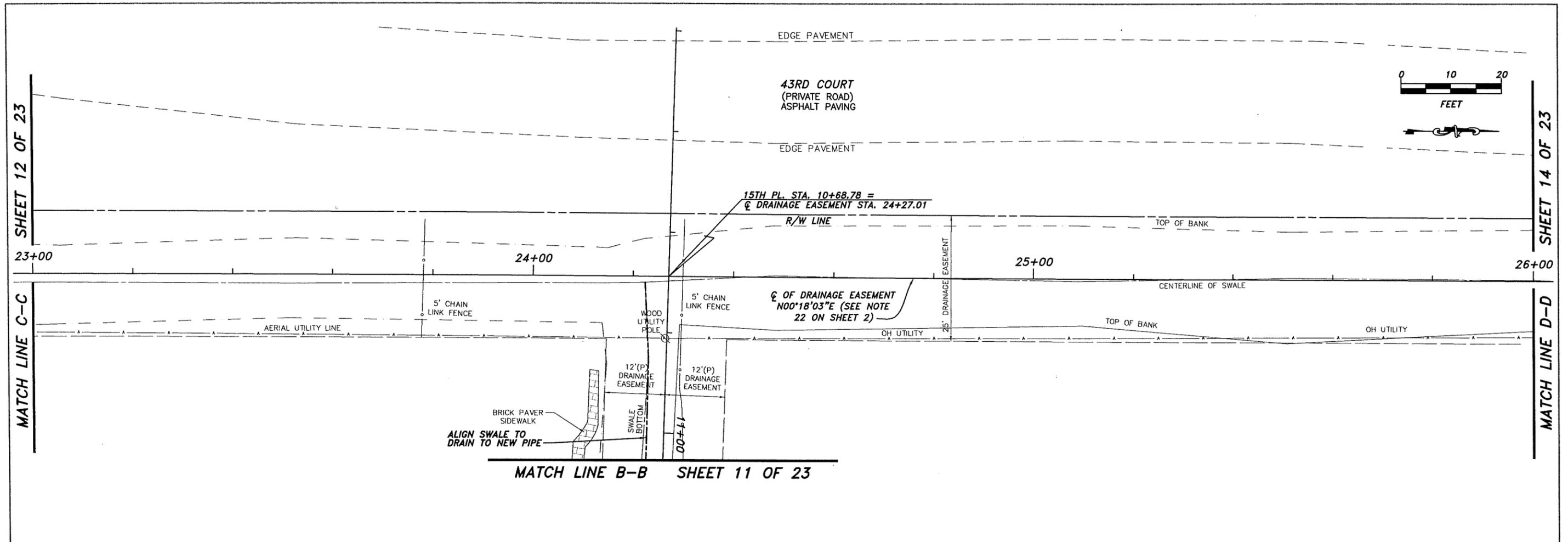
MATCH LINE A-A SHEET 10 OF 23



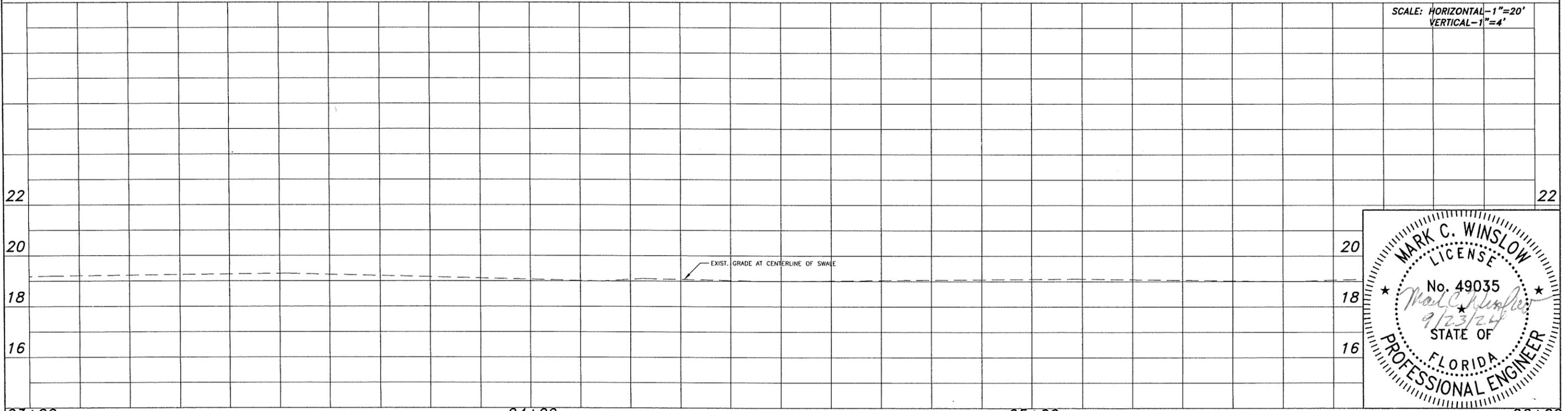
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VERTICAL-1"=4'



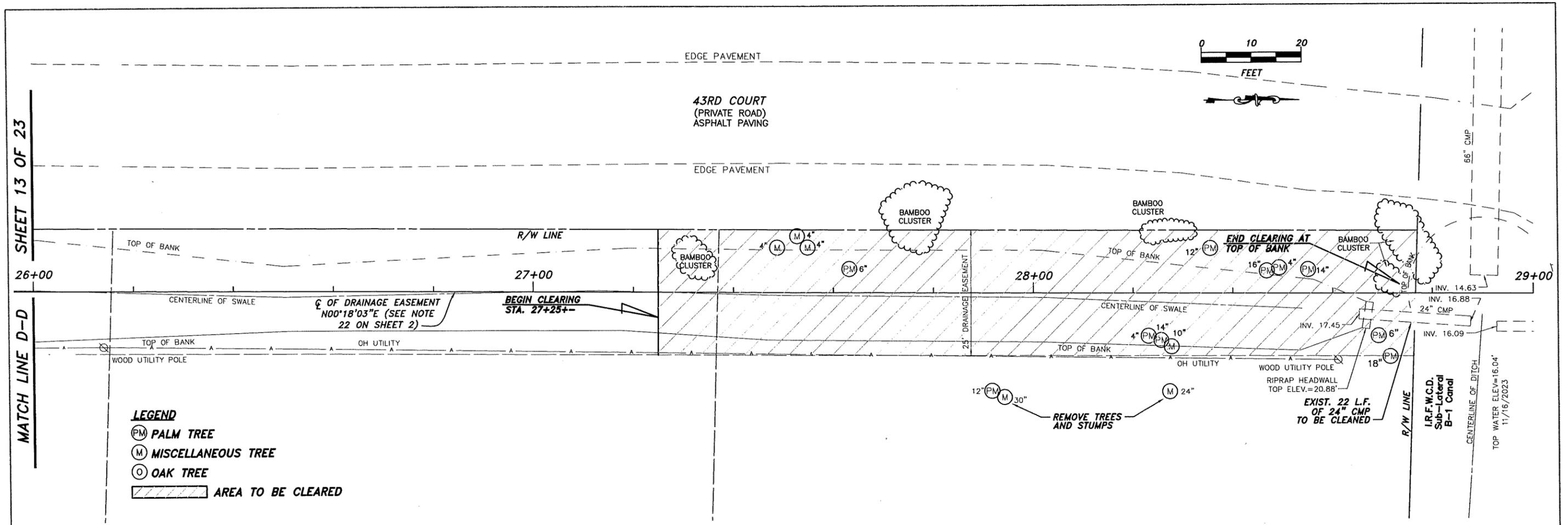
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No.	Revision	Date	By	DESIGNED BY: M. WINSLOW, P.E.	SECTION 9 TOWNSHIP 33S	DATE: 8/16/2024	14TH LN. & 15TH PL. RESURFACING EASEMENT CLEARING & GRADING PLAN
				DRAWN BY: K. HANSEN	RANGE 39E	COUNTY PROJECT NO.	
				APPROVED BY: M. WINSLOW, P.E.	FIELD BOOK NO. STANTON 12	PAGE 13-33	



SCALE: HORIZONTAL - 1"=20'
VERTICAL - 1"=4'

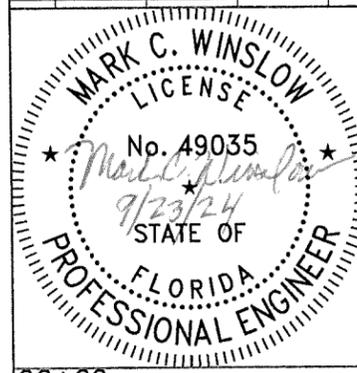
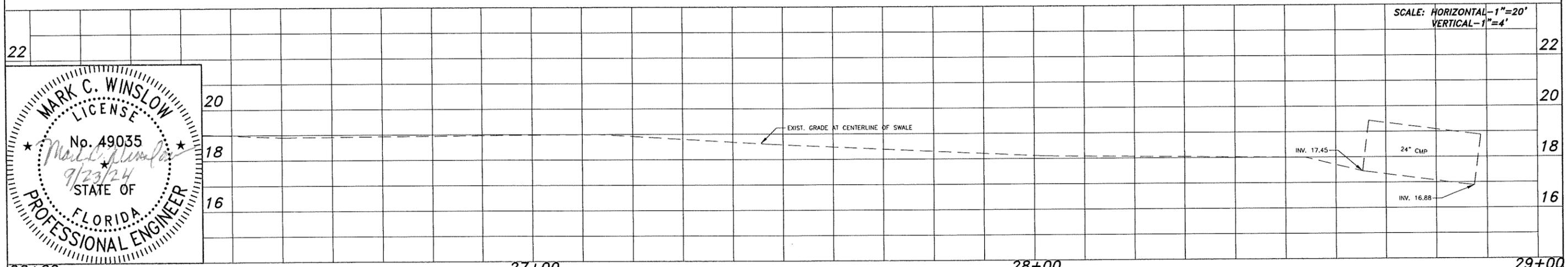


23+00			24+00			25+00			26+00		
No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY:	SECTION 9	DATE:	14TH LN. & 15TH PL. RESURFACING	SHEET		
				1801 27th STREET	M. WINSLOW, P.E.	TOWNSHIP 33S	8/16/2024	EASEMENT CLEARING & GRADING PLAN	13		
				VERO BEACH, FL 32960	DRAWN BY:	RANGE 39E	COUNTY PROJECT NO.				
				(772) 567-8000	K. HANSEN	FIELD BOOK NO. PAGE	IRC-1818A				
					APPROVED BY:	STANTON 12 13-33					
					M. WINSLOW, P.E.						

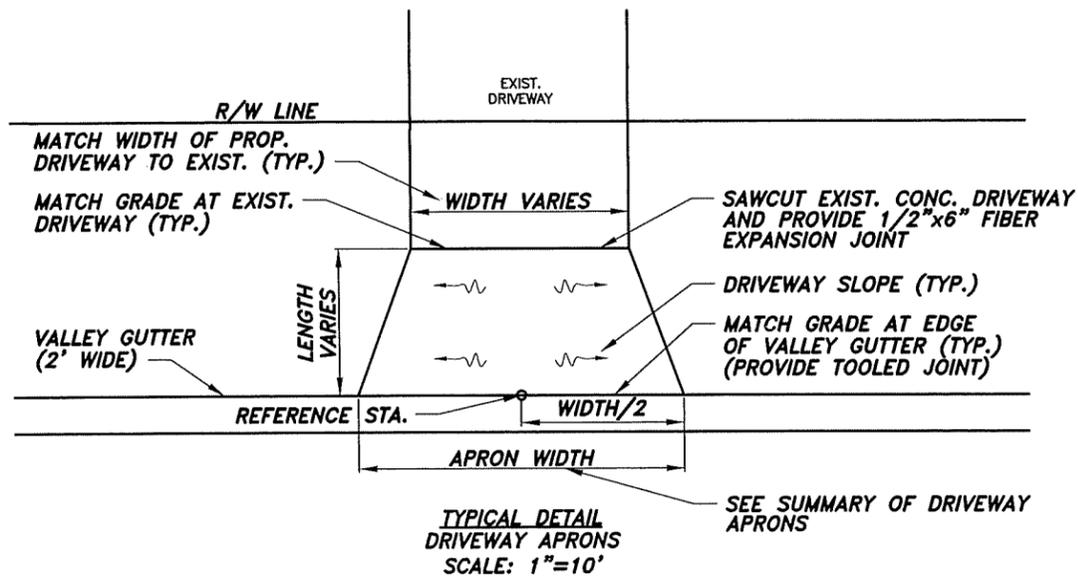


- LEGEND**
- (PM) PALM TREE
 - (M) MISCELLANEOUS TREE
 - (O) OAK TREE
 - [Hatched Area] AREA TO BE CLEARED

- NOTES:**
1. THE CONTRACTOR SHALL STAKE THE EASEMENT BOUNDARY TO ESTABLISH THE LIMITS OF CLEARING.
 2. REMOVE AND DISPOSE OF TREES, STUMPS AND BAMBOO WITHIN DRAINAGE EASEMENT LIMITS AS SHOWN AND NOTED.
 3. REMOVE AND DISPOSE OF FALLEN BRANCHES AND LOOSE VEGETATION AND CLEAR TO EXISTING GRADES WITHIN THE EASEMENT LIMITS AS SHOWN AND NOTED.
 4. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDERS FOR REMOVAL OF LIMBS OR VINES ON OVERHEAD UTILITY WIRES.
 5. CONTRACTOR TO BACKFILL AND SOD ALL EXCAVATED AND DISTURBED AREAS.



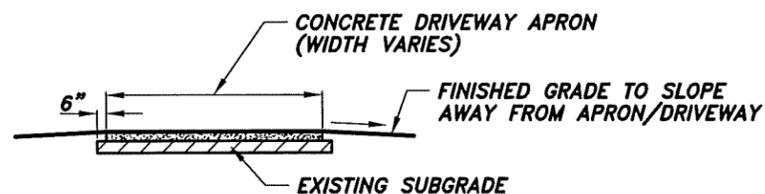
26+00		27+00		28+00		29+00	
No.	Revision	Date	By	DESIGNED BY: M. WINSLOW, P.E.	SECTION 9 TOWNSHIP 33S RANGE 39E	DATE: 8/16/2024	COUNTY PROJECT NO. IRC-1818A
INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000				Department of Public Works Engineering Division		14TH LN. & 15TH PL. RESURFACING EASEMENT CLEARING & GRADING PLAN	
				APPROVED BY: M. WINSLOW, P.E.		FIELD BOOK NO. STANTON 12 PAGE 13-33	



SUMMARY OF DRIVEWAY APRONS						
STREET	STATION	SIDE	APRON WIDTH (FT)	CONCRETE AREA (SY)	ASPHALT AREA (SY)	BRICK PAVER (SF)
14TH LN.	13+17.57	LT.	13.5'	9.3		
14TH LN.	12+22.80	LT.	16.5'	8.9		
14TH LN.	11+93.34	LT.	13.5'	22.4		
14TH LN.	11+70.01	LT.	14.0'	12.1		
14TH LN.	11+72.37	RT.	6.0'			8.0 (SIDEWALK)
14TH LN.	11+97.91	RT.	13.5'			55.1
14TH LN.	12+20.74	RT.	13.0'	8.1		
14TH LN.	13+17.81	RT.	14.5'	12.8		
15TH PL.	13+26.46	LT.	19.0'		34.3	
15TH PL.	12+47.15	LT.	23.5'		33.5	
15TH PL.	11+87.99	LT.	14.0'	7.1		
15TH PL.	11+73.78	RT.	19.0'			42.0
15TH PL.	12+54.86	RT.	22.0'	28.7		
15TH PL.	13+25.39	RT.	25.0'	21.9		

CONCRETE DRIVEWAY APRON
6" FIBER REINFORCED CONCRETE (MIN. 3,000 PSI)

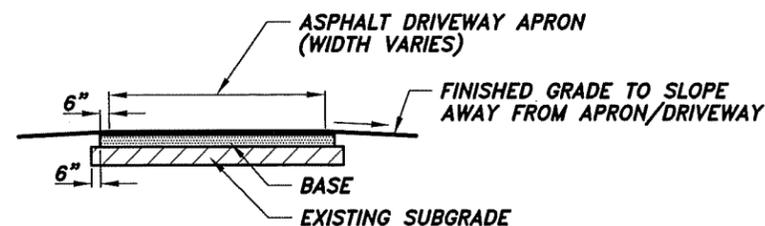
SUBGRADE
COMPACT TO 98% PER AASHTO PROCEDURE T-180 (LBR 40)



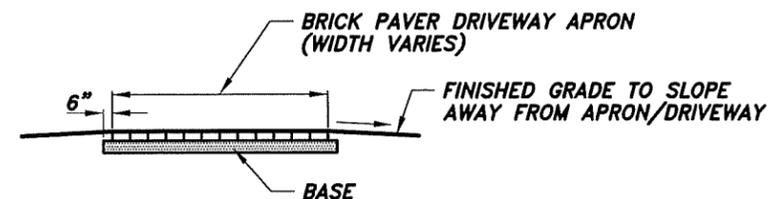
ASPHALT DRIVEWAY APRON
1-1/2" SP-9.5 ASPHALT COURSE

BASE
OPTIONAL BASE GROUP 04 (CEMENTED COQUINA, LBR 100) (6") COMPACTED TO 98% PER AASHTO PROCEDURE T-180

SUBGRADE
COMPACT TO 98% PER AASHTO PROCEDURE T-180 (LBR 40)



BASE
OPTIONAL BASE GROUP 04 (CEMENTED COQUINA, LBR 100) (6") COMPACTED TO 98% PER AASHTO PROCEDURE T-180

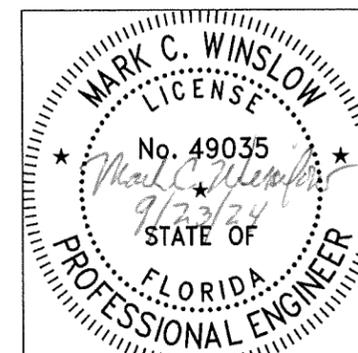


NOTES:

1. SUBGRADE MATERIAL UNDER EXISTING DRIVEWAYS DEEMED UNSUITABLE BY THE ENGINEER OR COUNTY SHALL BE REPLACED WITH 12" STABILIZED SUBGRADE WITH A MINIMUM LBR 40, COMPACTED TO 98% PER AASHTO PROCEDURE T-180.

2. RIGHT OF WAY RESTORATION:

A. REQUIREMENT: AS GOOD OR BETTER THAN CONDITION PRIOR TO CONSTRUCTION (INCLUDES ADJACENT AREAS). SOD MUST BE PLACED 1" BELOW THE ELEVATION AT EDGE OF APRONS AND CURB. ANY SOD PLACED ABOVE EDGE OF APRON OR CURB ELEVATION WILL NOT BE APPROVED AT FINAL INSPECTION.



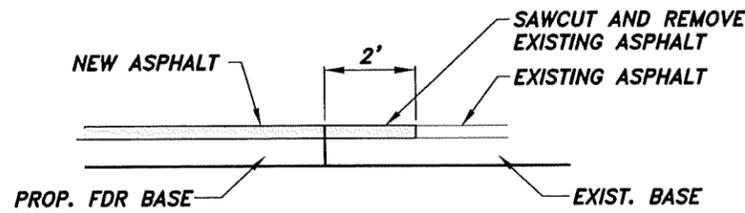
No.	Revision	Date	By

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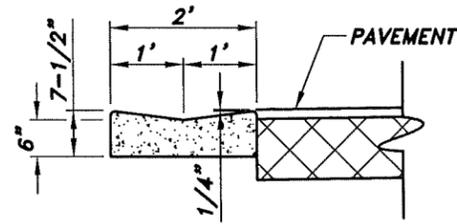
Department of Public Works
Engineering Division

DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/16/2024
DRAWN BY: K. HANSEN	TOWNSHIP 33S	COUNTY PROJECT NO.
APPROVED BY: M. WINSLOW, P.E.	RANGE 39E	FIELD BOOK NO. PAGE
	STANTON 12	13-33

14TH LN. & 15TH PL. RESURFACING
SUMMARY OF DRIVEWAY APRONS & DETAILS

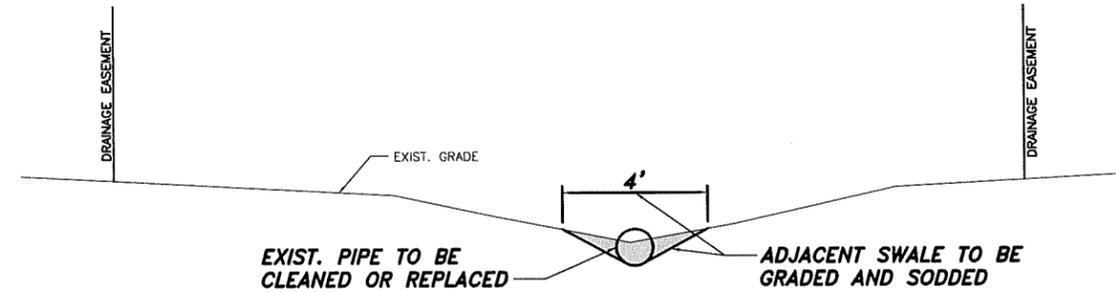


BUTT JOINT DETAIL
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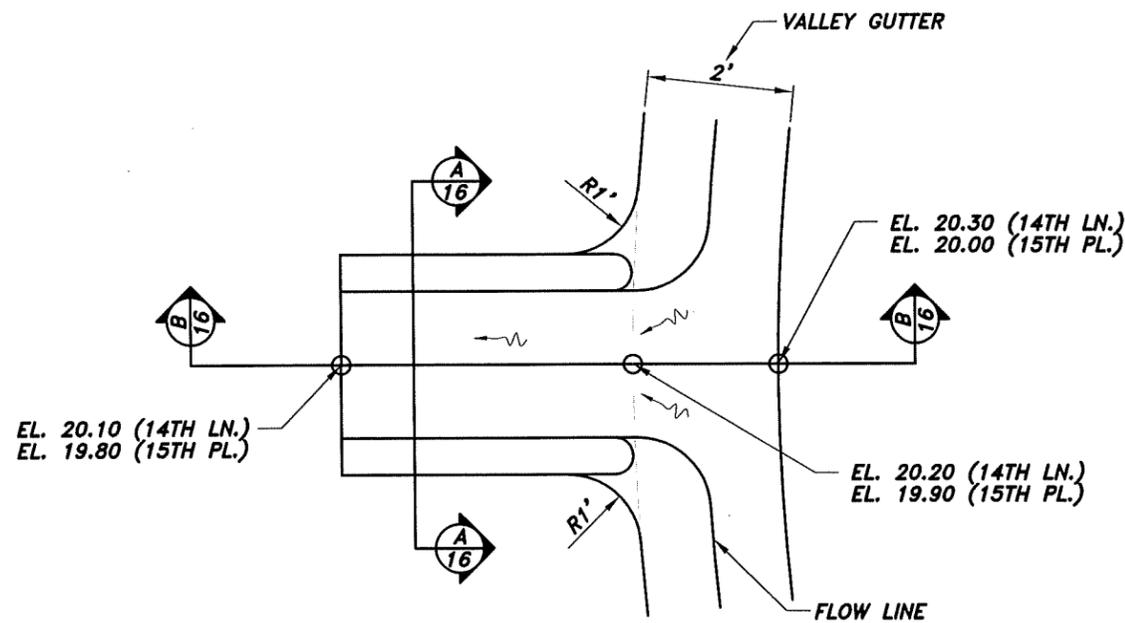


NOTE: PROVIDE 3/16" WIDE (SAWCUT) CONTRACTION JOINTS, MIN. 1-1/2" DEPTH, AT MAXIMUM 10' SPACING BETWEEN JOINTS, 8-12 HOURS AFTER PLACEMENT

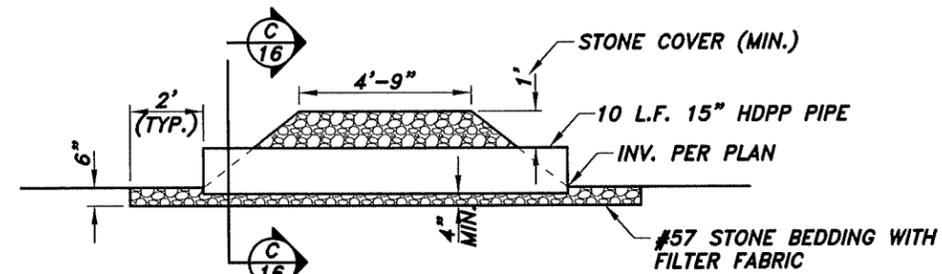
CONCRETE VALLEY GUTTER DETAIL
SCALE: N.T.S.



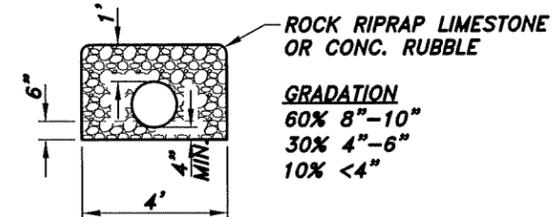
TYPICAL SECTION OF SWALE GRADING IN DRAINAGE EASEMENT
SCALE: 1"=5'



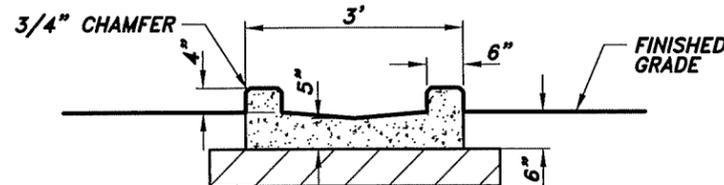
CONCRETE FLUME DETAIL
SCALE: N.T.S.



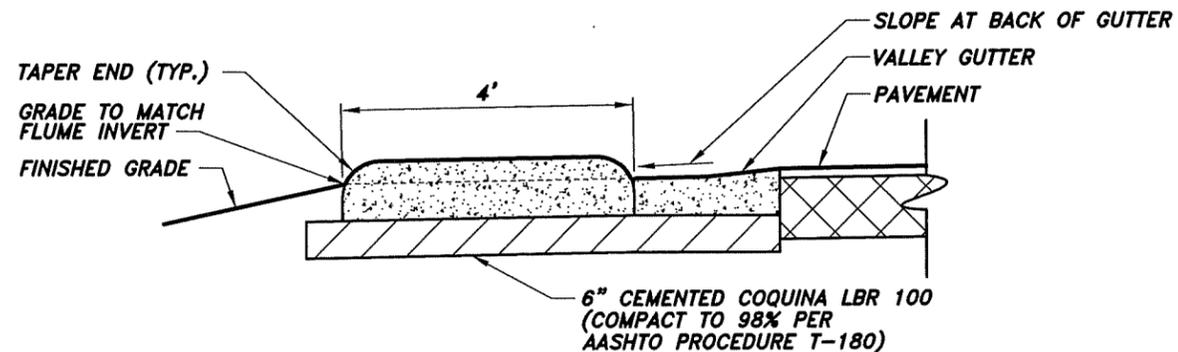
CULVERT INSTALLATION DETAIL
SCALE: 1"=5'



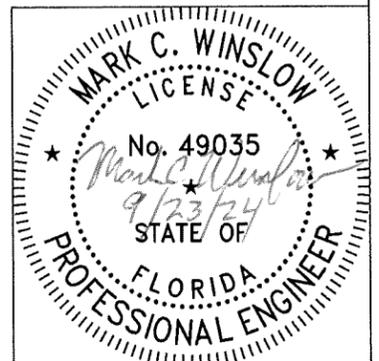
SECTION CULVERT INSTALLATION
SCALE: 1"=5'



SECTION: CONCRETE FLUME
SCALE: N.T.S.



SECTION: CONCRETE FLUME
SCALE: N.T.S.



No.	Revision	Date	By

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1801 27th STREET
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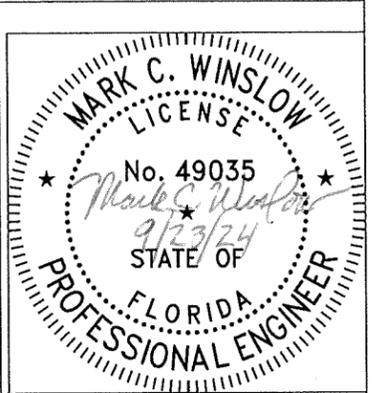
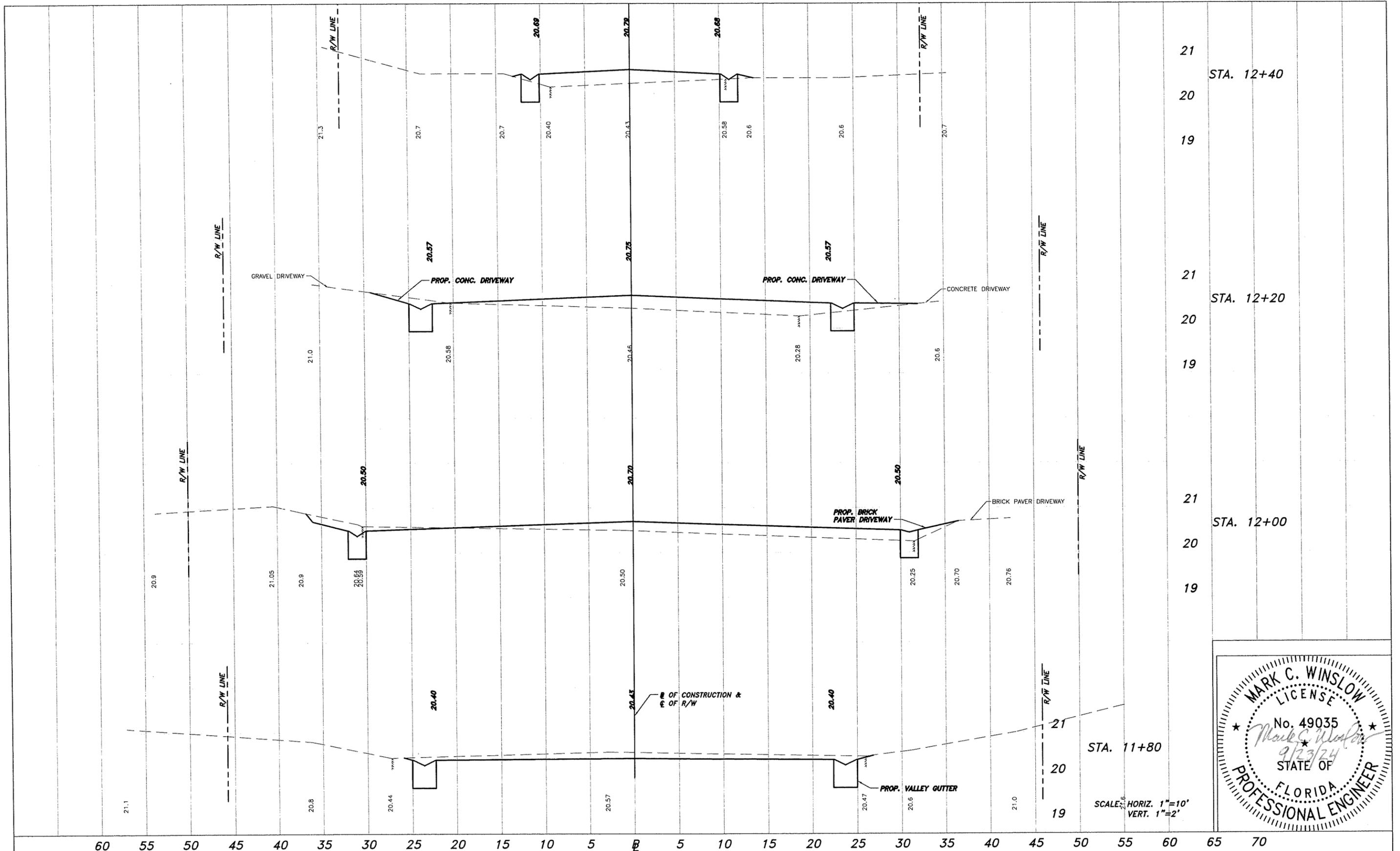
DESIGNED BY: M. WINSLOW, P.E.
DRAWN BY: K. HANSEN
APPROVED BY: M. WINSLOW, P.E.

SECTION 9
TOWNSHIP 33S
RANGE 39E
FIELD BOOK NO. STANTON 12
PAGE 13-33

DATE: 8/16/2024
COUNTY PROJECT NO. IRC-1818A

14TH LN. & 15TH PL. RESURFACING
MISCELLANEOUS DETAILS

SHEET 16 OF 23



SCALE: HORIZ. 1"=10'
VERT. 1"=2'

No.	Revision	Date	By

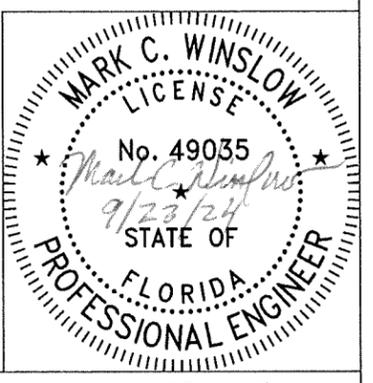
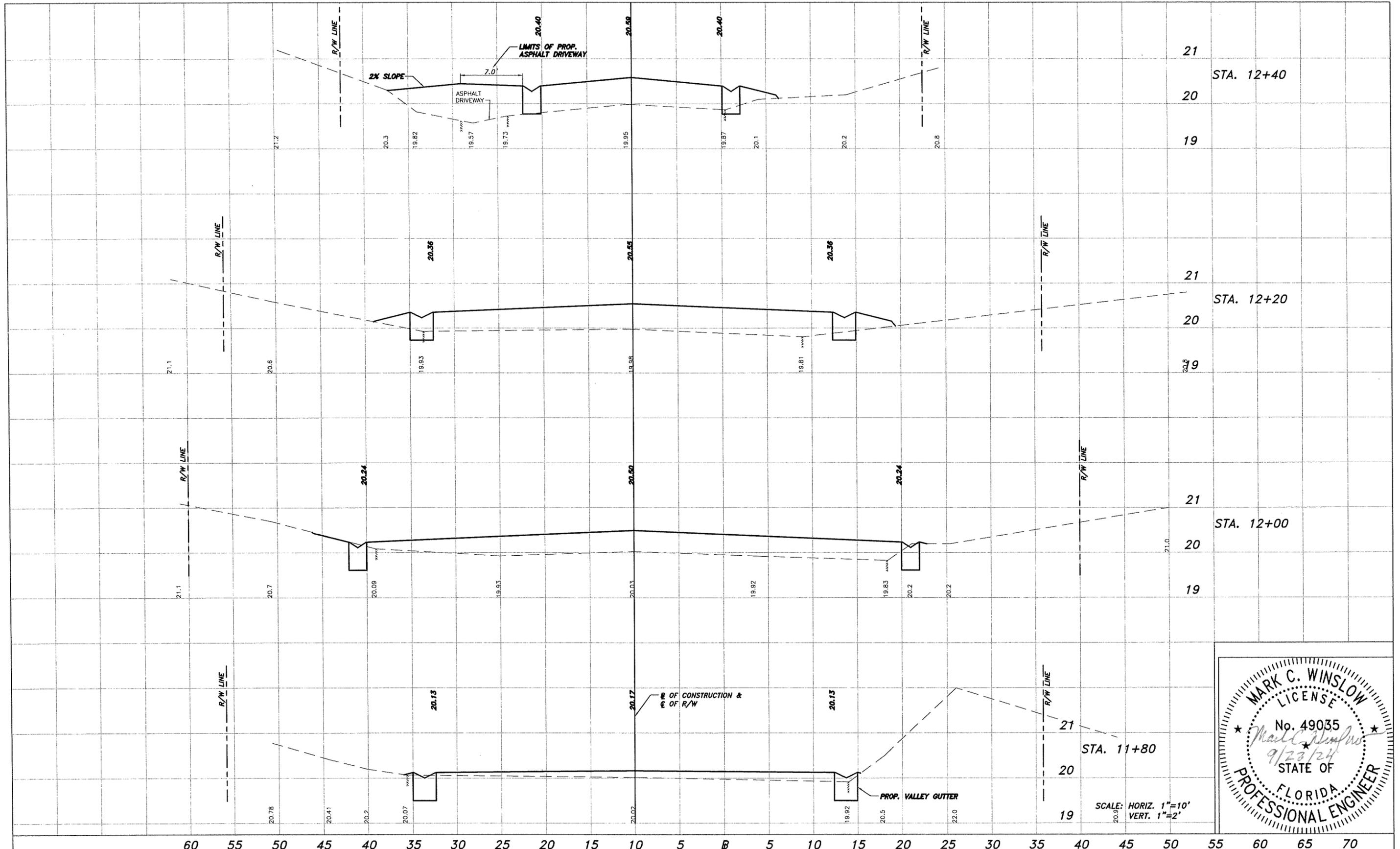
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1801 27th STREET
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 Engineering Division

DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/1/2024
DRAWN BY: K. HANSEN	TOWNSHIP 33S	COUNTY PROJECT NO.
APPROVED BY: M. WINSLOW, P.E.	RANGE 39E	FIELD BOOK NO. 13-33
	STANTON 12	PAGE 13-33

14TH LN. & 15TH PL. RESURFACING
 CROSS SECTIONS - 14TH LANE

SHEET 17 OF 23



SCALE: HORIZ. 1"=10'
VERT. 1"=2'

No.	Revision	Date	By

INDIAN RIVER COUNTY
1801 27th STREET
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Department of Public Works
Engineering Division

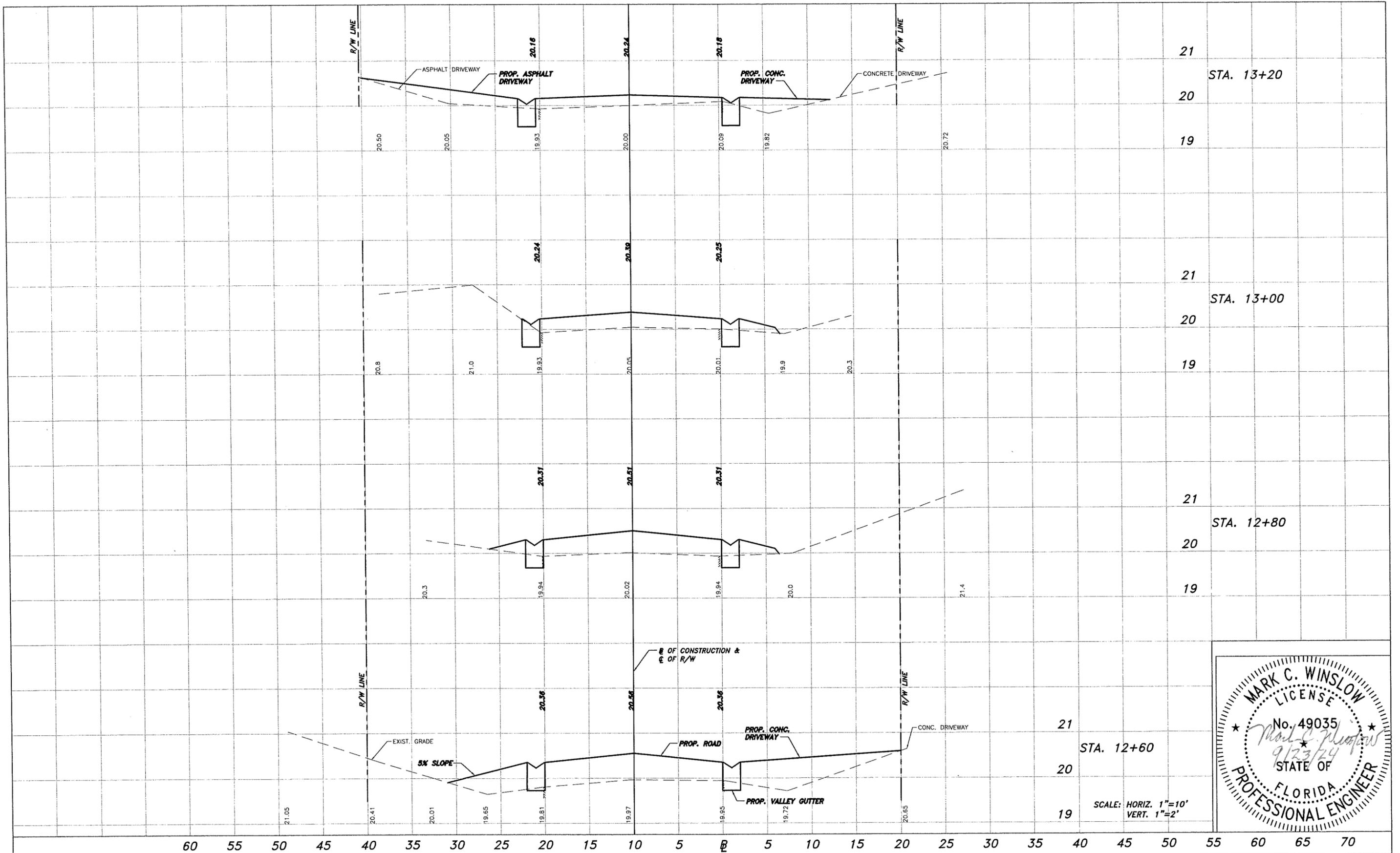
DESIGNED BY: M. WINSLOW, P.E.
DRAWN BY: K. HANSEN
APPROVED BY: M. WINSLOW, P.E.

SECTION 9
TOWNSHIP 33S
RANGE 39E
FIELD BOOK NO. STANTON 12
PAGE 13-33

DATE: 8/1/2024
COUNTY PROJECT NO. IRC-1818A

14TH LN. & 15TH PL. RESURFACING
CROSS SECTIONS - 15TH PLACE

SHEET 19 OF 23



21
20
19
SCALE: HORIZ. 1"=10'
VERT. 1"=2'

No.	Revision	Date	By

INDIAN RIVER COUNTY
1801 27th STREET
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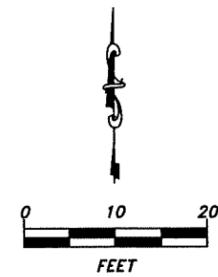
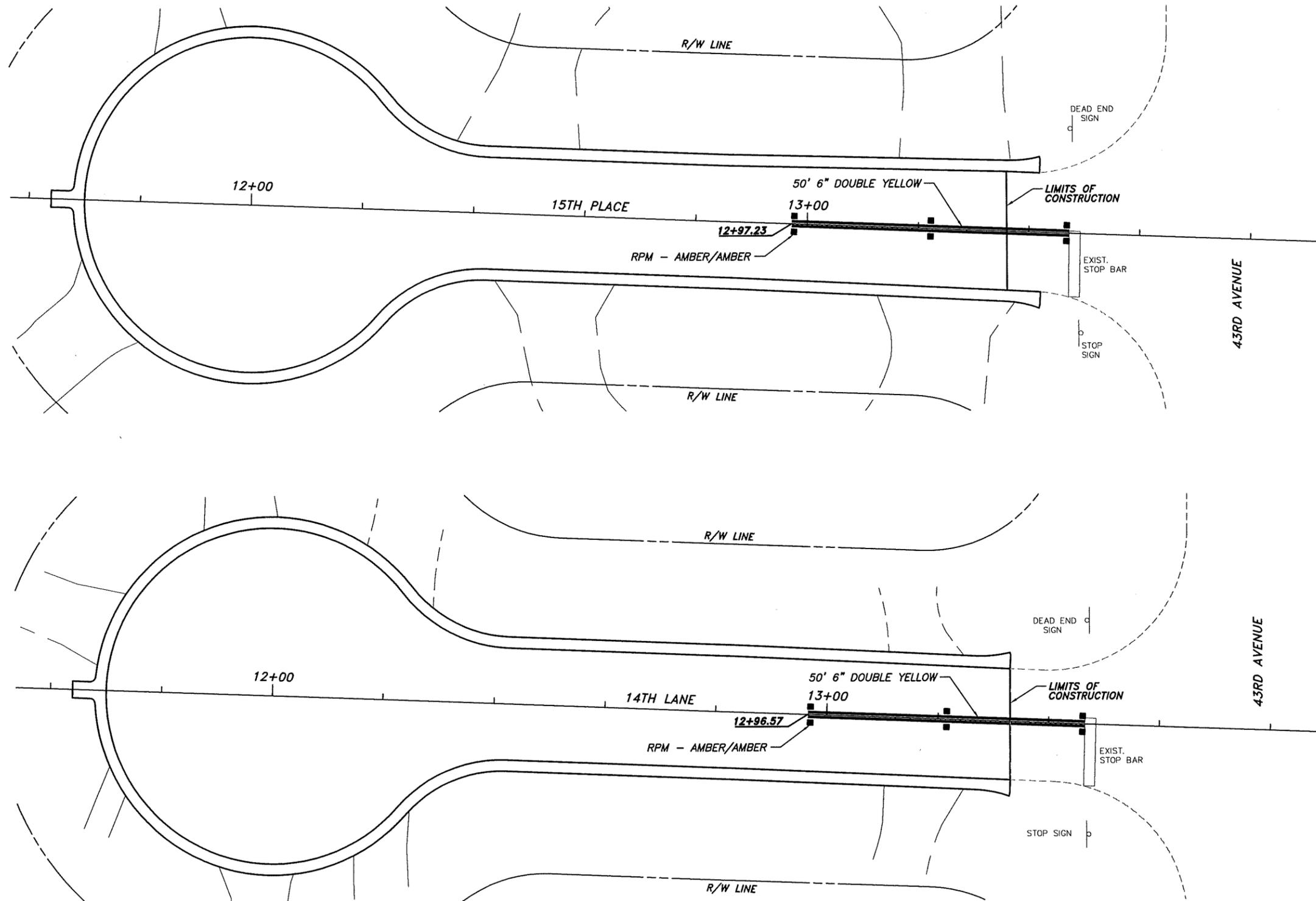


Department of Public Works
Engineering Division

DESIGNED BY: M. WINSLOW, P.E.	SECTION 9	DATE: 8/1/2024
DRAWN BY: K. HANSEN	TOWNSHIP 33S	COUNTY PROJECT NO.
APPROVED BY: M. WINSLOW, P.E.	RANGE 39E	FIELD BOOK NO. STANTON 12
	PAGE 13-33	IRC-1818A

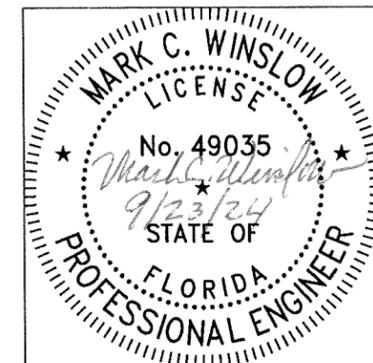
14TH LN. & 15TH PL. RESURFACING
CROSS SECTIONS - 15TH PLACE

SHEET 20 OF 23

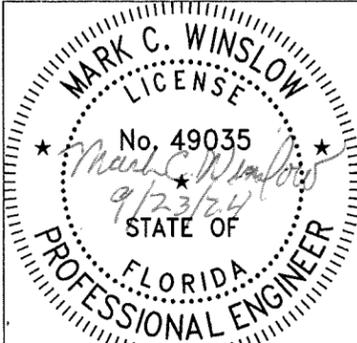
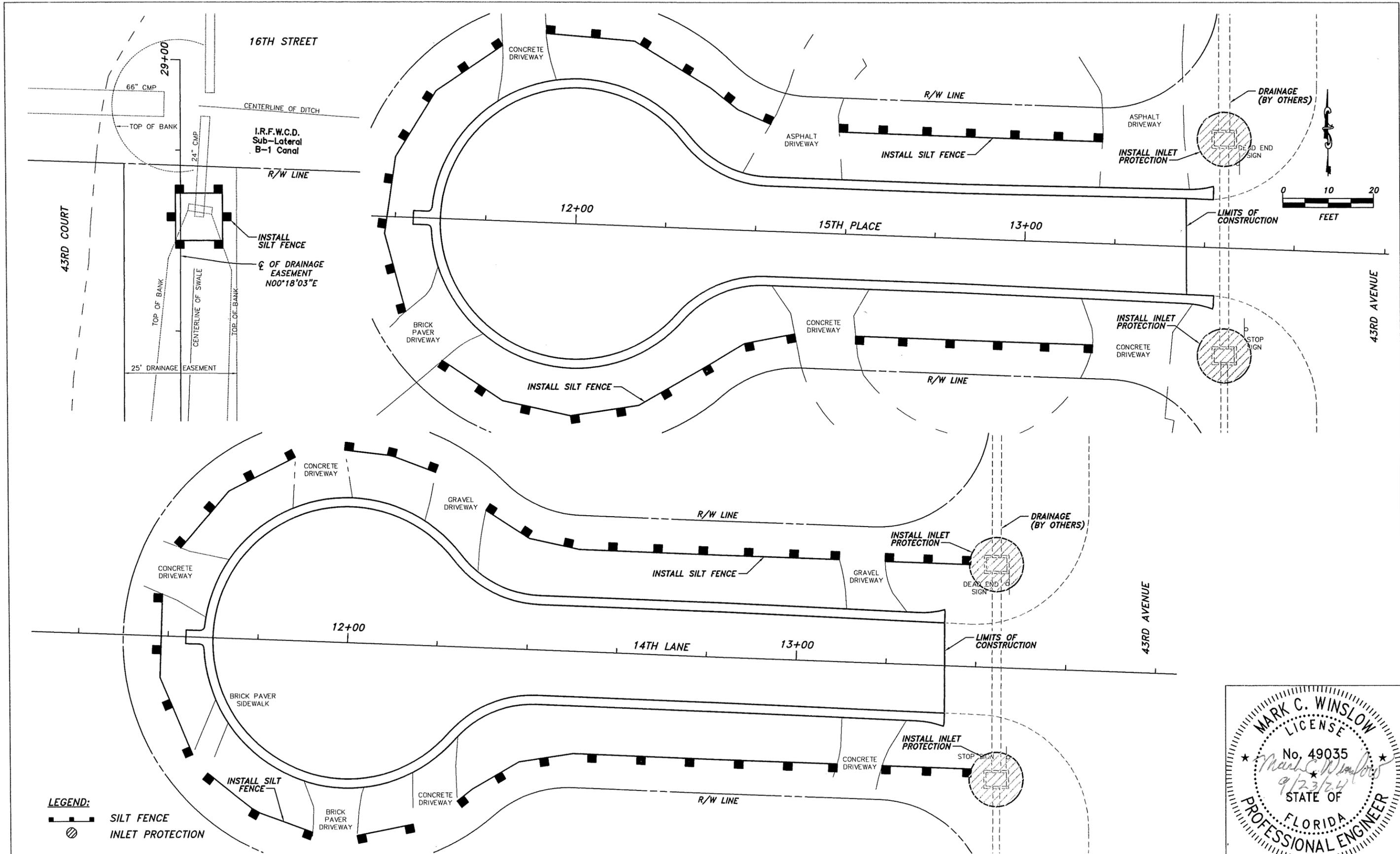


NOTES:

1. ALL PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE INDIAN RIVER COUNTY TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING AND GEOMETRICS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPMs) ARE TO CONSIST OF 4 INCH SQUARE BI-DIRECTIONAL YELLOW AND SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 706-001 AND THIS PLAN.



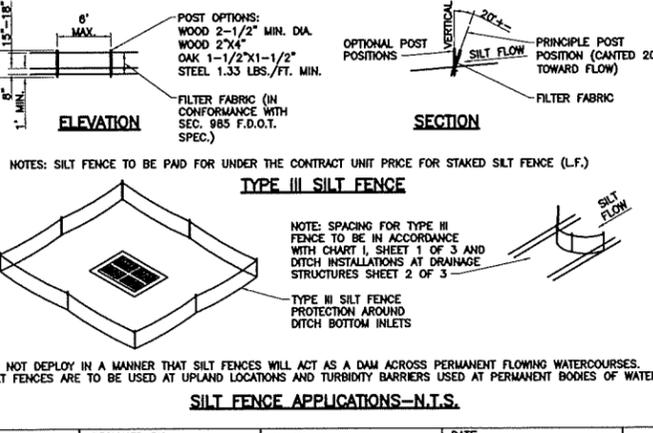
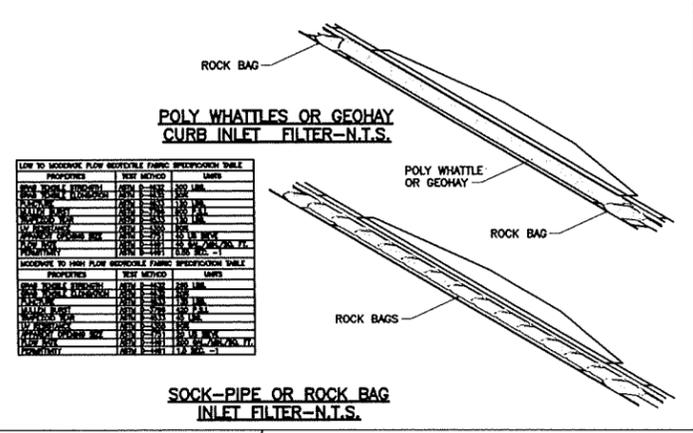
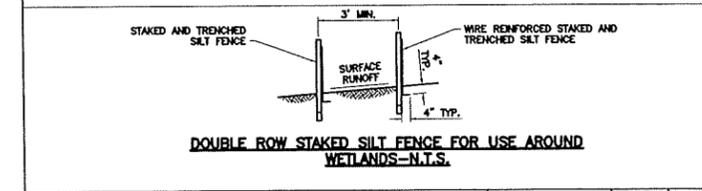
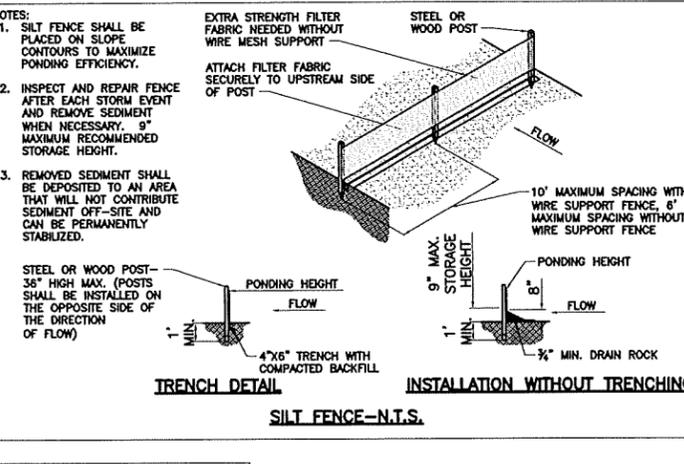
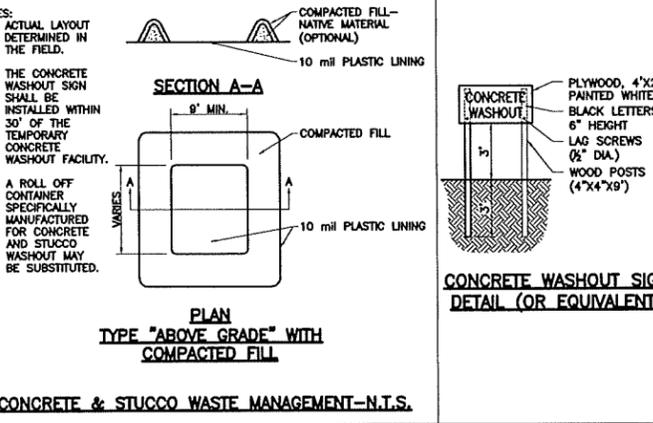
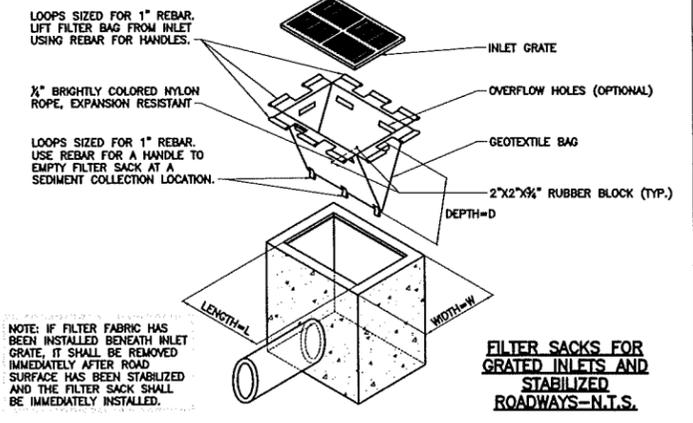
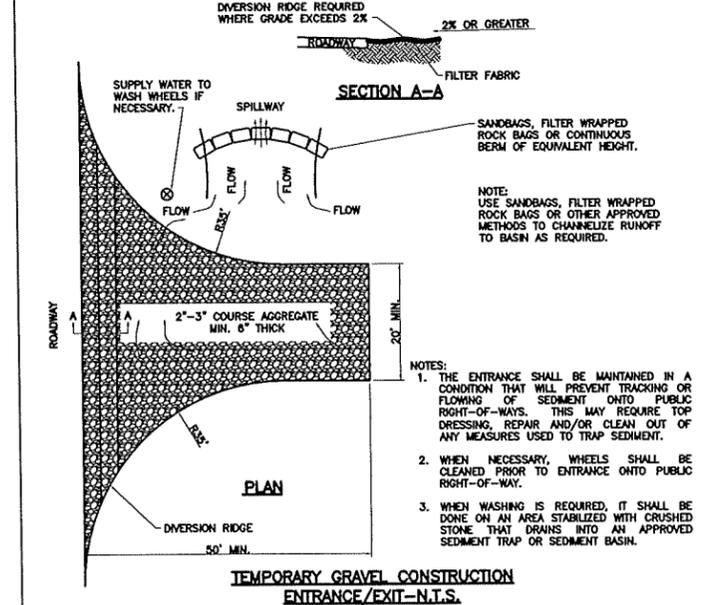
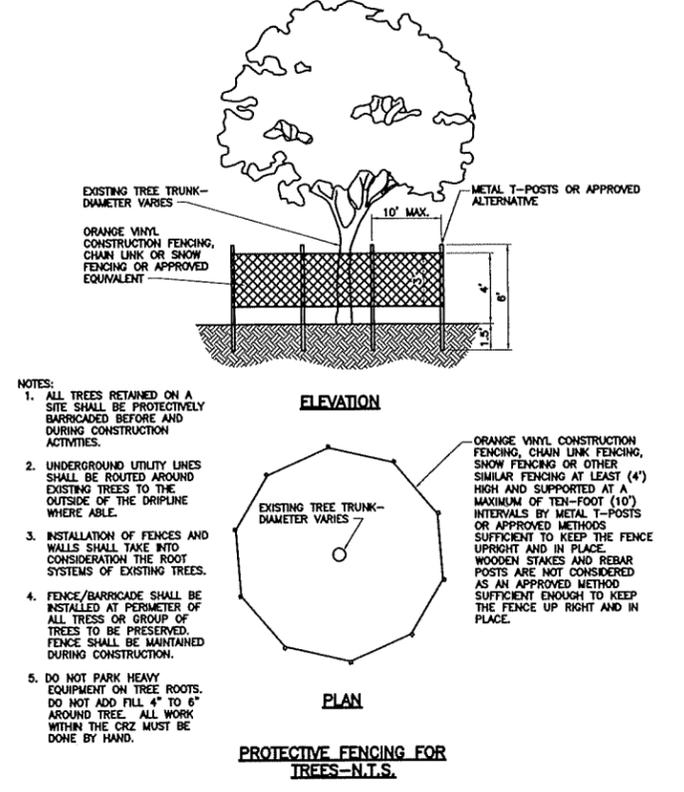
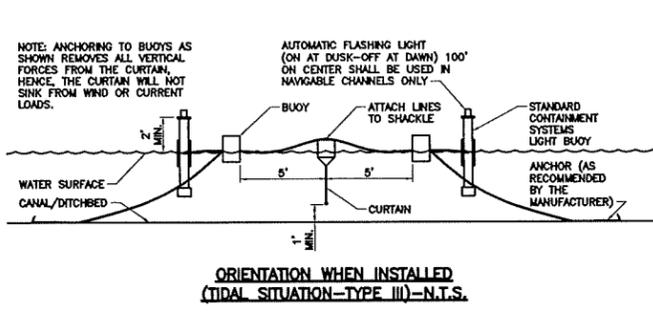
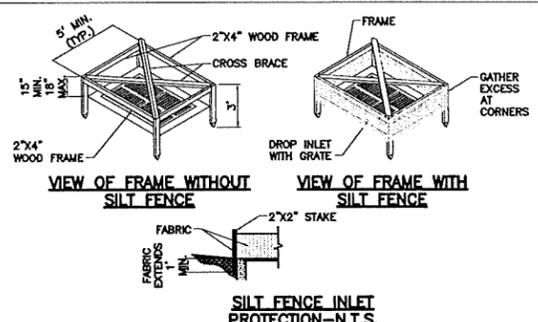
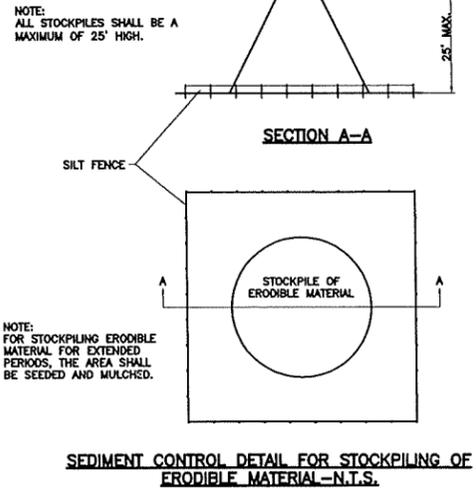
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: M. WINSLOW, P.E. DRAWN BY: K. HANSEN APPROVED BY: M. WINSLOW, P.E.	SECTION 9 TOWNSHIP 33S RANGE 39E FIELD BOOK NO. STANTON 12 PAGE 13-33	DATE: 8/16/2024 COUNTY PROJECT NO. IRC-1818A	14TH LN. & 15TH PL. RESURFACING PAVEMENT MARKING PLAN	SHEET 21 OF 23
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EROSION CONTROL NOTES

- Sediment basins and traps, perimeter dikes, sediment barriers and other measures intended to trap sediment shall be constructed as a first step in any land disturbing activity and shall be made functional before up-slope land disturbance takes place.
- All sediment control measures are to be adjusted to meet field conditions at the time of construction and be constructed prior to any grading or disturbance of existing surface material on balance of site. Perimeter sediment barriers shall be constructed to prevent sediment or trash from flowing or floating on to adjacent properties.
- Permanent or temporary soil stabilization shall be applied to denuded areas within seven (7) days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven (7) days to denuded areas that may not be at final grade but will remain undisturbed for longer than 30 days. Permanent stabilization shall be applied to areas that are to be left undisturbed for more than one year.
- During construction of the project, soil stock piles shall be stabilized, covered or contained with sediment trapping measures. The applicant is responsible for the temporary protection and permanent stabilization of all soil stockpiles on site as well as soil intentionally transported from the project site.
- A permanent vegetative cover shall be established on denuded areas not otherwise permanently stabilized.
- After any significant rainfall, sediment control structures will be inspected for integrity. Any damaged devices shall be corrected immediately.
- Concentrated runoff shall not flow down cut or fill slopes unless contained within an adequate temporary or permanent channel, flume, slope drain structure or approved control.
- Sediment will be prevented from entering any storm water system, ditch or channel. All storm water inlets that are made operable during construction shall be protected so that sediment-laden water cannot enter the conveyance system without first being filtered or otherwise treated to remove sediment.
- When work in a live watercourse is performed, precautions shall be taken to minimize encroachment, control sediment transport and stabilize the work area to the greatest extent possible during construction.
- Periodic inspection and maintenance of all sediment control structures must be provided to ensure intended purpose is accomplished. The developer, owner and/or contractor shall be continuously responsible for all sediment control. Sediment control measures shall be in working condition at the end of each working day.
- Where construction vehicle access routes intersect paved public roads, provisions shall be made to minimize the transport of sediment by tracking onto the paved surface. Where sediment is transported onto a public road surface with curbs and gutters, the road shall be cleaned thoroughly at the end of each day. Sediment shall be removed from the roads by sweeping or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner. This provision shall apply to individual subdivision lots as well as to larger land disturbing activities.
- All temporary erosion and sediment control measures shall be removed within 30 days after final site stabilization or after the temporary measures are no longer needed.
- Properties and waterways downstream from construction sites shall be protected from sediment deposition and erosion at all times during construction.
- Erosion control design and construction shall follow the applicable requirements of the "State of Florida Erosion and Sediment Control Design and Review Manual", Latest Update: July 2013, or current edition and as may be modified by the Project Engineer of Record via a signed and sealed drawing and as required by Indian River County permits and other regulatory agency permits.
- Contractor is responsible for all surface water discharges, rainfall run off or dewatering activities.
- Contractor must incorporate all BMP's necessary to meet or exceed state water quality and SWPPP requirements.
- The Pollution Prevention Plan is a minimum guideline only. Additional BMP's may be necessary at contractor's expense.
- NOI to be posted on site.
- Dewatering activities:
 - A - Discharge must not exceed state water quality standards.
 - B - Contractor must have a transferable SRWMD Consumptive Use permit known as a "Noticed General Permit For Short Term Construction De-Watering".
 - C - No hydraulic pumps may be used for dewatering unless approved by the water management district for that area.
 - D - No turbid discharge. Turbidity readings are required once a week and must be reported to the project Engineer.
- Failure to develop and implement a certified stormwater pollution prevention plan shall be deemed a violation of the permit and the permit shall be subject to enforcement action. The plan shall be completed prior to the submittal of an NOI (Notice of Intent) to be covered under the permit and updated as appropriate. The plan shall also provide for compliance with the terms and schedule of the plan beginning with the initiation of the construction activities.



NOTE

- THIS PLAN SHEET SHALL NOT BE CONSIDERED A SWPPP (STORMWATER POLLUTION PREVENTION PLAN) BUT IS A PLAN REPRESENTATIVE OF THE MINIMUM REQUIRED BMP'S (BEST MANAGEMENT PRACTICES).
- THE SWPPP SHALL BE COMPLETED PRIOR TO THE SUBMITTAL OF THE NOTICE OF INTENT (NOI) TO BE COVERED UNDER THE DEPARTMENT'S GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.

MARK C. WINSLOW
LICENSE
No. 49035
9/23/24
STATE OF
FLORIDA
PROFESSIONAL ENGINEER