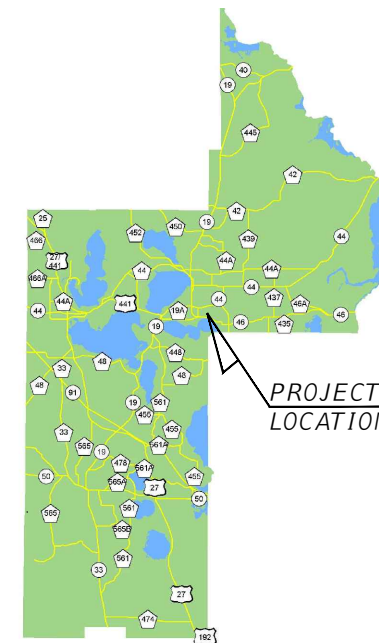


SHEET INDEX

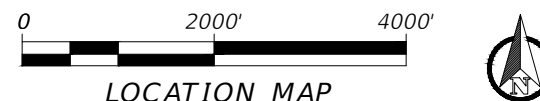
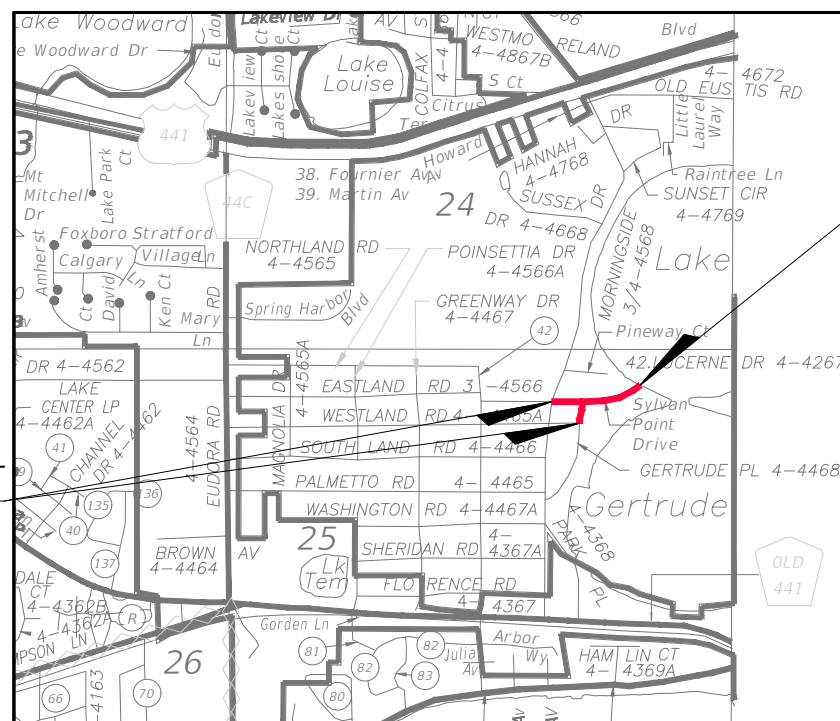
SHEET NO.	SHEET DESCRIPTION
C1	COVER SHEET
C2	AERIAL PLAN
C3	GENERAL NOTES
C4	GENERAL NOTES
C6	LEGENDS
C7	TYPICAL DETAILS
C8	STORM STRUCTURE TABLE
C9-C14	PLAN & PROFILE



**SYLVAN POINT DRIVE
DRAINAGE IMPROVEMENTS**
PROJECT NO. 18029
August, 2019



VICINITY MAP
SEC. 25, TWP. 19 S, RNG. 26 E



LOCATION MAP

LAKE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVENUE
TAVARES, FLORIDA 32778
PHONE: (352) 253-6000

GOVERNING DESIGN STANDARDS:
Florida Department of Transportation, FY2016-17 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website: <http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm>

APPLICABLE DSRs:

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, JAN, 2017 Standard Specifications for Road and Bridge Construction at the following website: <http://www.dot.state.fl.us/programmanagement/Implemented/SpecBooks>

PROJECT LENGTH IS BASED ON CL OF CONSTRUCTION

	LENGTH OF PROJECT		KEY SHEET REVISIONS		
	LINEAR FEET	MILES	DATE	BY	DESCRIPTION
ROADWAY	3000	0.57			
BRIDGES SIDEWALKS	0	0.000			
NET LENGTH OF PROJECT	3000	0.57			
EXCEPTIONS	0	0.000			
GROSS LENGTH OF PROJECT	3000	0.57			

Know what's below.
Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA



STATE OF FLORIDA
PROFESSIONAL ENGINEER

DATE

SIGNATURE				
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION 350 N. SINCLAIR AVENUE, TAVARES, FLORIDA 32778				
REVISION:	DATE:	R. - 206	T. - 195	S. - 25
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MORNINGSIDE & SYLVAN POINT DRAINAGE IMPROVEMENTS COVER SHEET				
JOB NO.: 18029				
SHEET: C1				

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GENERAL NOTES

- A. ALL MATERIALS, INSTALLATION, TESTING, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF LAKE COUNTY, FLORIDA AND THE FDOT UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" COMMONLY KNOWN AS THE "FLORIDA GREENBOOK" 2011 EDITION AND THE DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, 2015 EDITION. WHERE THE SPECIFICATIONS CONFLICT, THE MAXIMUM REQUIREMENTS OF EITHER SPECIFICATION SHALL APPLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.
- B. ALL PROPOSED ELEVATIONS ARE SHOWN WITH A BORDER. (i.e.: XX.XX). ALL OTHER SPOT ELEVATIONS SHOWN ARE EXISTING. ALL VERTICAL DATUM IS N.A.V.D. 1988 DATUM.
- C. PAVEMENT SHALL MEAN ALL ASPHALT AND BASE ASSOCIATED WITH A DRIVING SURFACE AS SHOWN ON THE CONSTRUCTION PLANS.
- D. PAVEMENT REMOVAL SHALL BE REQUIRED ON ALL SIDE STREETS AND DRIVEWAYS THAT ARE WITHIN THE LIMITS OF THE RIGHT OF WAY OF THE COUNTY ROAD, AND CONSTRUCTED PER THE CROSS SECTION SHOWN ON THE CONSTRUCTION PLANS MATCHING EXISTING WIDTH AND ELEVATION UNLESS OTHERWISE NOTED.
- E. A CONSTANT SLOPE SHALL BE MAINTAINED BETWEEN DESIGNATED AREAS OF CUT AND FILL.
- F. ALL FILL INCLUDING SUB GRADE AND/OR SUBBASE PLACED WITHIN PROPOSED ROAD RIGHT-OF-WAY OR EASEMENT SHALL BE COMPACTED AS FOLLOWS:
- ROADWAY AREAS (UNDER PAVEMENT AND PAVED SHOULDERS) SHALL BE 98% MAXIMUM DENSITY, AASHTO T-180, MINIMUM LBR 40 FOR EACH LIFT. EACH LIFT SHALL BE A MAXIMUM OF 6".
- STABILIZED SHOULDERS SHALL BE TWELVE (12) INCHES DEEP, 98% MAXIMUM DENSITY, AASHTO T-180, MINIMUM LBR 40.
- BEYOND THE STABILIZED SHOULDER, ALL FILL SHALL BE COMPACTED TO 95% MINIMUM DENSITY.
- FILL VOLUMES SHOWN DO NOT HAVE A COMPACTION MULTIPLIER FACTORED. THE CONTRACTOR SHALL DETERMINE A COMPACTION FACTOR AND APPLY IT FOR FINAL FILL PLACEMENT VOLUMES. FOR SUBGRADE AND/OR SUBBASE REQUIREMENTS, PLEASE REFER TO SPECIFIC CROSS SECTION.
- G. UNLESS OTHERWISE NOTED, THE ESTABLISHED CLEAR ZONE IS (4) FEET FROM NEW EDGE OF TRAVEL WAY. ALL ABOVE GROUND STRUCTURES SUCH AS MAIL BOXES, TRAFFIC CONTROL SIGNS, STREET SIGNS, FENCES, ETC., ARE TO BE REMOVED AND REPLACED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF REMOVAL AND REPLACEMENT OF THESE STRUCTURES. DAILY ACCESS TO MAILBOXES SHALL BE MAINTAINED. ALL FENCES ARE TO BE RELOCATED TO THE RIGHT-OF-WAY LINE. THE ENGINEER OF RECORD MAY WAIVE SOME OF THESE REQUIREMENTS, IF NECESSARY.
- H. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER THAT WILL SUCCESSFULLY ACCOMPLISH THE INTENDED DESIGN WITH MINIMAL IMPACT TO EXISTING CONDITIONS. ANY CONSTRUCTION ACTIVITY PERFORMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER OF RECORD THAT IS DEEMED EXCESSIVELY DISRUPTIVE TO EXISTING CONDITIONS OF THE SURROUNDING AREA AND/OR SIGNIFICANTLY DEVIATES FROM THE LIMITS OF CONSTRUCTION AS SET FORTH BY THESE CONSTRUCTION PLANS SHALL BE CONSIDERED AS PART OF THE ORIGINAL WORK AND NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO RESTORE THE DISTURBED AREA(S).
- I. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ENGINEER OF RECORD'S ATTENTION WITHIN A REASONABLE TIME FRAME, LESS THAN 48 HOURS AFTER DISCOVERED. ADVANTAGE WILL NOT BE TAKEN OF APPARENT ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE DESIGN.
- J. CONTRACTOR SHALL VERIFY ALL EXISTING ROADWAY CROSS-SLOPES.
- K. DETECTABLE WARNING ON SIDEWALK TERMINATIONS SHALL BE CAST IN PLACE THERMOPLASTIC OR LIQUID APPLIED ADA SYSTEMS" OR COUNTY APPROVED EQUAL THAT IS LISTED ON THE FDOT APPROVED PRODUCTS LIST (APL). THE COLOR SHALL BE SAFETY YELLOW OR BRICK RED.
- L. ALL CHAIN LINK FENCE (CLF) WHEN PROPOSED SHALL BE FDOT TYPE B FENCING, BLACK VINYL COATED PER FDOT INDEX 802.

PUBLIC NOTIFICATION

- A. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO ALL RESIDENCES ADJACENT TO THE PROJECT LIMITS. WITHIN A MINIMUM OF 14 CALENDAR DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE TO THE COUNTY A COPY OF THE NOTIFICATION WITH A LIST OF THE PARTIES CONTACTED. THIS NOTICE SHALL INCLUDE, AT A MINIMUM, THE ANTICIPATED CONSTRUCTION SCHEDULE, MAINTENANCE OF TRAFFIC PLAN AND ANY IMPACTS, PERMANENT OR TEMPORARY, TO THE SUBJECT RESIDENCE AND ITS ADJACENT AREA. CONTRACTOR SHALL PROVIDE CONTACT INFO INCLUDING NAME OF PROJECT MANAGER AND TELEPHONE NUMBER.
- B. CONTRACTOR SHALL ALSO INSTALL PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS, F.D.O.T. INDEX 670) ON COUNTY ROAD IF IMPACTED BY CONSTRUCTION, ONE (1) WEEK PRIOR TO CONSTRUCTION IN ORDER TO INFORM RESIDENTS AND ROADWAY USERS OF THE IMPENDING CONSTRUCTION. THE PCMS SHALL DISPLAY LANE CLOSURE INFORMATION INCLUDING BUT NOT LIMITED TO ANTICIPATED LANES TO BE CLOSED, EXTENT OF LANE CLOSURE (I.E. "NEXT 3 MILES"), DAILY HOURS OF CLOSURE, AND TEMPORARY SPEED RESTRICTIONS.
- ## STRIPING & SIGNING
- A. ALL PAVEMENT MARKING SHALL BE LEAD AND SOLVENT FREE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- B. ALL PAVEMENT MARKING SHALL CONFORM TO THE LATEST EDITION OF F.D.O.T. STANDARDS, THE M.U.T.C.D., 2009 R1&R2, AND LAKE COUNTY SPECIFICATIONS. WHERE THE SPECIFICATIONS CONFLICT, THE MAXIMUM REQUIREMENTS SHALL APPLY UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.
- C. STRIPING SHALL BE REFLECTORIZED.
- D. ALL CENTERLINE STRIPING SHALL HAVE REFLECTIVE RAISED PAVEMENT MARKINGS (RPM'S) PER F.D.O.T. STANDARDS INDEX 17352, UNLESS OTHERWISE NOTED.
- E. ALL TRAFFIC CONTROL SIGNS THAT ARE DISTURBED SHALL BE REPLACED.
- F. ALL STRIPING, SIGNING, AND SIGNAL WORK SHALL BE COORDINATED WITH LAKE COUNTY TRAFFIC OPERATIONS. CONTRACTOR SHALL NOTIFY LAKE COUNTY TRAFFIC OPERATIONS (352) 742-1766 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY STRIPING, SIGNING, OR SIGNAL WORK.
- G. THE CONTRACTOR SHALL SELF INSPECT ALL ROAD MARKINGS USING THE JANUARY 26, 2011 FLORIDA METHOD OF TEST FOR TRAFFIC STRIPING RETRO REFLECTIVITY DESIGNATION: FM 5-541 OR THE LATEST EDITIONS NOW IN FORCE OR HEREAFTER ADOPTED; TO TEST AND CERTIFY WIDTH, THICKNESS, COLOR AND RETRO REFLECTIVITY. THE RESULTS SHALL BE SUBMITTED TO THE COUNTY BY THE CONTRACTOR, AND COUNTY RESERVES THE RIGHT TO VERIFY ALL TEST RESULTS. THE COUNTY'S TEST SHALL BE FINAL AND BINDING.
- H. ALL SIGNS AND SIGNAL EQUIPMENT TO BE REMOVED ARE THE PROPERTY OF LAKE COUNTY. THESE ITEMS SHALL BE RETURNED TO LAKE COUNTY TRAFFIC OPERATIONS OR DISPOSED OF BY THE CONTRACTOR AT LAKE COUNTY TRAFFIC OPERATIONS' DIRECTION.
- I. ALL MATERIALS AND HARDWARE SHALL BE F.D.O.T. APPROVED AND PRE-APPROVED BY LAKE COUNTY TRAFFIC OPERATIONS PRIOR TO INSTALLATION.
- J. EXISTING STRIPING DESIGNATED FOR REMOVAL SHALL BE MILLED AND RESURFACED IN ACCORDANCE WITH FDOT REQUIREMENTS AND SPECIFICATIONS, SECTION A711-7.
- K. ALL PAVEMENT MARKING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE F.D.O.T. STANDARDS INCLUDING BUT NOT LIMITED TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "DESIGN STANDARDS" AND THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

SIGNATURE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION



350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 25	
T. - 195	
R. - 206	
SURVEYED: CM	DATE: 8/19/19
FIELD BOOK:	PAGE:
DESIGNED:	DATE: 8/19/19
DRAWN: DD	DATE: 8/19/19
APPROVED:	DATE: 8/19/19

MORNINGSIDE & SYLVAN POINT
DRAINAGE IMPROVEMENTS
GENERAL NOTES

JOB NO.:
18029

SHEET:
C3

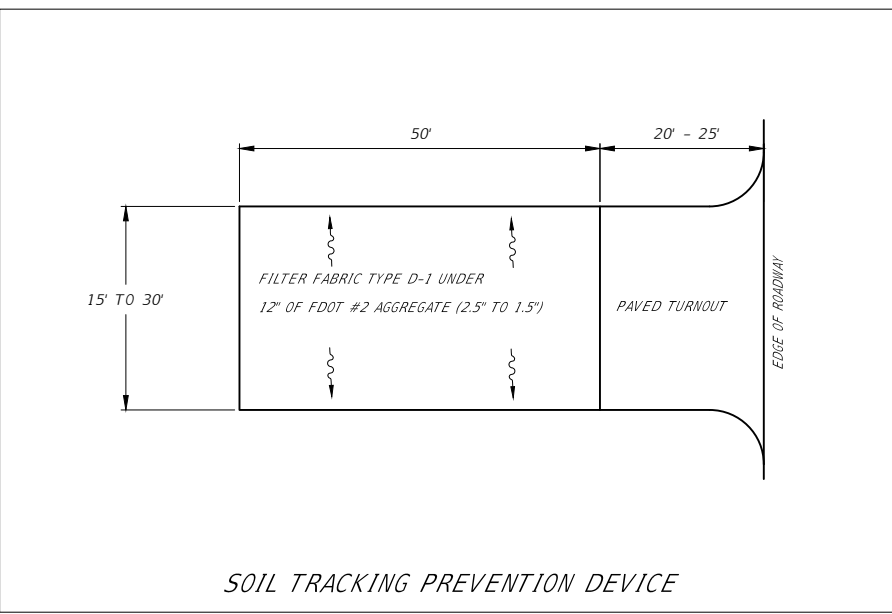
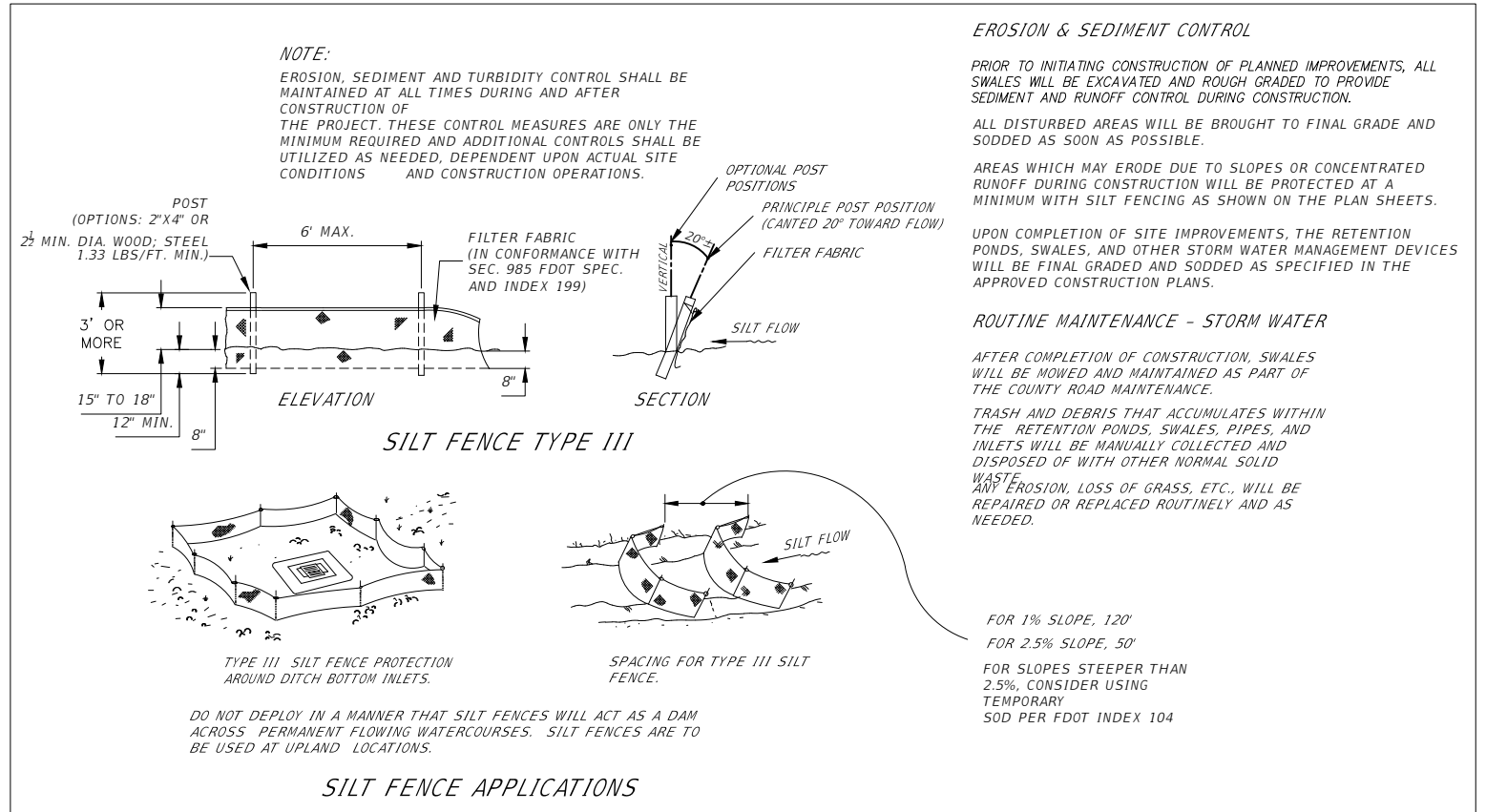
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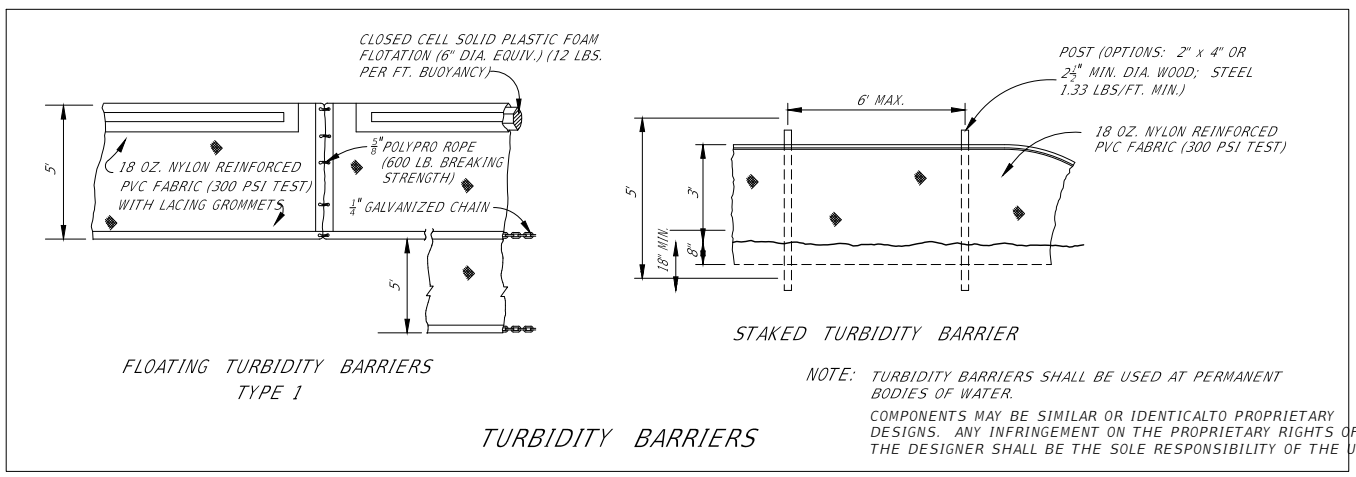
STANDARD ABBREVIATIONS

A AC. ACRE ALT. ALTERNATE ASPH. ASPHALT A/U AERIAL UTILITIES	E EOT EDGE OF TRAVEL ESMT. EASEMENT EXIST. EXISTING	L LT LEFT L.W. LOW WATER	P P.R.L.C.F PUBLIC RECORDS OF LAKE COUNTY, FLORIDA	T T&B TOP & BOTTOM TBM TEMPORARY BENCH MARK TAN. TANGENT TEL. TELEPHONE TOB TOP OF BANK TOS TOE OF SLOPE T.P. TELEPHONE POLE TYP TYPICAL
B BL BASE LINE BM BENCH MARK BOC BACK OF CURB BOT. BOTTOM BW BARBED WIRE	F F.G. FINISHED GRADE FDOT FL DEPT OF TRANSPORTATION FT. FEET/FOOT FND FOUND FUT FUTURE	M MATL. MATERIAL MAX. MAXIMUM (M) MEASURED DIMENSION NEG MATCH EXIST. GRADE MES. MITERED END SECTION MFR. MANUFACTURER M.H. MANHOLE MIN. MINIMUM MISC. MISCELLANEOUS MON. MONUMENT MHW MEAN HIGH WATER	Q Q FLOW RATE QTY. QUANTITY	U U.G. UNDERGROUND U.G.P. UNDERGROUND POWER U.O.N. UNLESS OTHERWISE NOTED U.T.C. UNDERGROUND TELEPHONE CABLE UTIL. UTILITY
C (C) CALCULATED DIMENSION CCR CERTIFIED CORNER RECORD CL CENTER LINE CLR. CLEAR / CLEARANCE CM CONCRETE MONUMENT CMP CORRUGATED METAL PIPE CL CHAIN LINK FENCE CP COMBINATION POLE CPP CORRUGATED PLASTIC PIPE CONST. CONSTRUCT / CONSTRUCTION CULV. CULVERT	G GND. GROUND GP GRADE POINT GW GUY WIRE	N N NORTH N&D NAIL & DISK N/A NOT APPLICABLE NIC NOT IN CONTRACT N.T.S. NOT TO SCALE	R R RADIUS R/W RIGHT OF WAY R.C. REINFORCED CONCRETE RCP REINFORCED CONCRETE PIPE RCPA REINFORCED CONCRETE PIPE ARCH RD. ROAD RLS REGISTERED LAND SURVEYOR REF. REFERENCE REV. REVISION RPM REFLECTIVE PAVEMENT	V VAR. VARIES
D DET. DETAIL DIA. DIAMETER D/W DRIVEWAY	H HORIZ HORIZONTAL HOG HOG WIRE H.W. HIGH WATER	O O.C. ON CENTER	S S SOUTH SHT. SHEET SQ. SQUARE STA. STATION STD. STANDARD SS STORM SEWER	W W WEST W/O WITH OUT WATER'S EDGE WATER MAIN W.R.A. WATER RETENTION AREA W.S. WATER SURFACE W.S.E.L. WATER SURFACE ELEVATION
E E EAST EA. EACH EL OR ELEV. ELEVATION ELLIP. ELLIPTICAL ENGR. ENGINEER EOC EDGE OF CONCRETE EOM EDGE OF MAINTENANCE EOP EDGE OF PAVEMENT	JT. JOINT L L LENGTH L.F. LINEAR FEET LMRK LIME ROCK L.P. LIGHT POLE LTD. LIGHTED	OPNG. OPENING OPT. OPTION ORB OFFICIAL RECORD BOOK P PC POINT OF CURVE PCC POINT OF COMPOUND CURVE P.C.M. PERMANENT CONTROL MONUMENT	RND ROUND RR RAIL ROAD S S SOUTH SHT. SHEET SQ. SQUARE STA. STATION STD. STANDARD SS STORM SEWER	Y YD(S) YARDS



UTILITY LEGEND

EXISTING	POWER POLE
LIGHTPOLE	AERIAL UTILITIES
GUY WIRE AND ANCHOR PIN	TOWER
GAS MAIN	WATER MAIN
SANITARY SEWER	BURIED TELEPHONE
BURIED FIBER OPTIC	



TREE LEGEND

CITRUS TREE	DAK TREE
CYPRESS TREE	MISC TREE
PINE TREE	BAY TREE
CEDAR TREE	PALM TREE

NOTE: TREE SIZE SHOWN IS THE TRUNK DIAMETER.

MONUMENTATION LEGEND

CALC. POINT	IRON PIN	ETCHED X
ANGLE IRON	SURVEY NAIL	SQUARE C.M.
IRON PIPE	OCTANGULAR C.M.	ROUND C.M.
AXLE	NAIL & DISK	WOOD POST
PK NAIL	RAIL ROAD SPIKE	METAL PLATE
PK NAIL & DISK	BENCH MARK	HUB & TACK

SIZE & RLS NUMBER AS SHOWN. ALL MONUMENTS ARE FOUND UNLESS OTHERWISE NOTED.

LOCATIONS LEGEND

CATCH BASIN	MANHOLE
TYPE II INLET	TRANSFORMER
GATE	VALVE
CURB INLET	TELEPHONE BOX
CABLE TV BOX	UTILITY MARKER
MITERED END SECTION	WATER METER
FIRE HYDRANT	GUY WIRE
ROAD SIGN	MAIL BOX
LIGHTPOLE	POWER POLE
SPRINKLER	SWALE CHECK

SIGNATURE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

LAKE COUNTY, FL

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

DATE: _____

REVISION: _____

R - 26E

T - 195

S - 25

SURVEYED: CM

FIELD BOOK: _____

DESIGNED: _____

DRAWN: DD

APPROVED: _____

MORNINGSIDE & SYLVAN POINT
DRAINAGE IMPROVEMENTS
LEGENDS

JOB NO.: 18029

SHEET: C5

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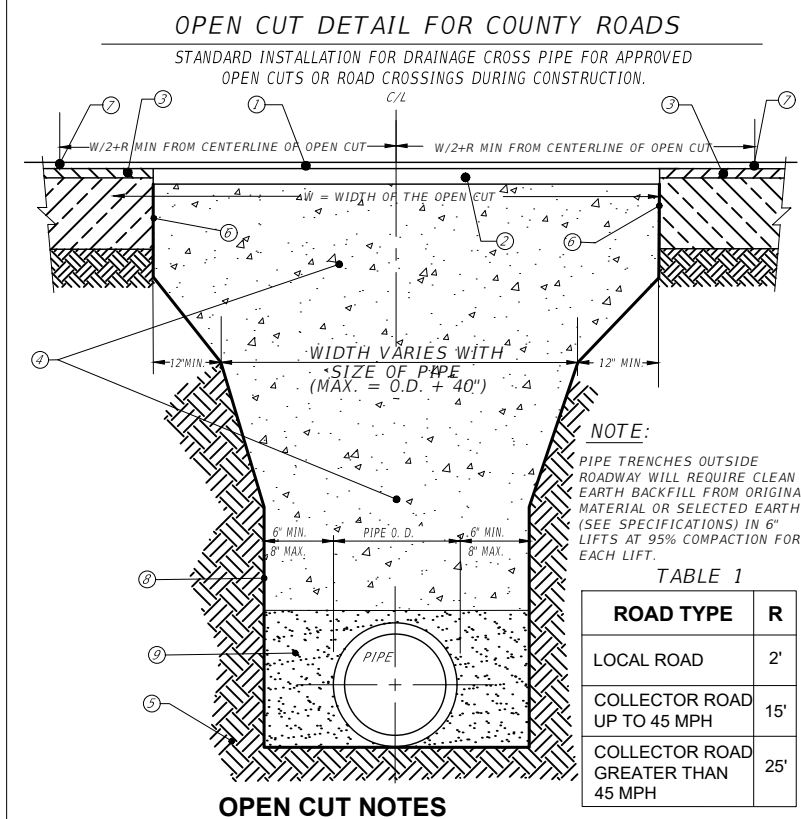
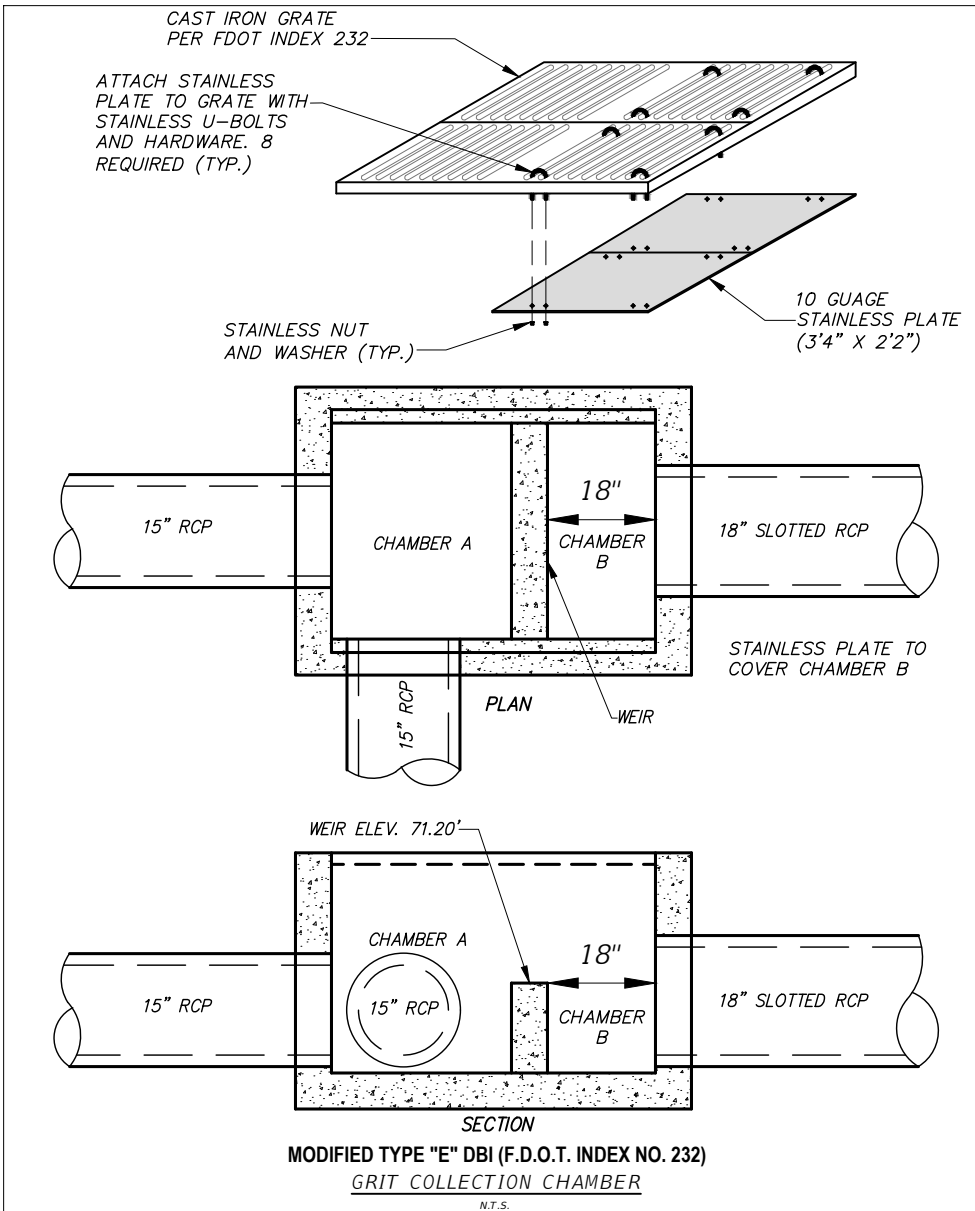
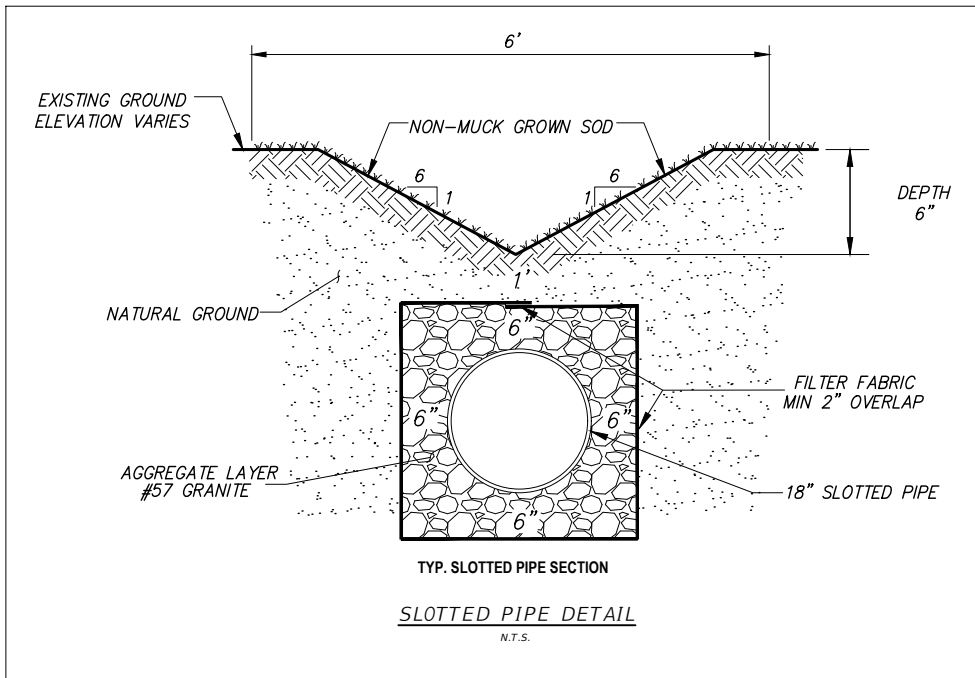


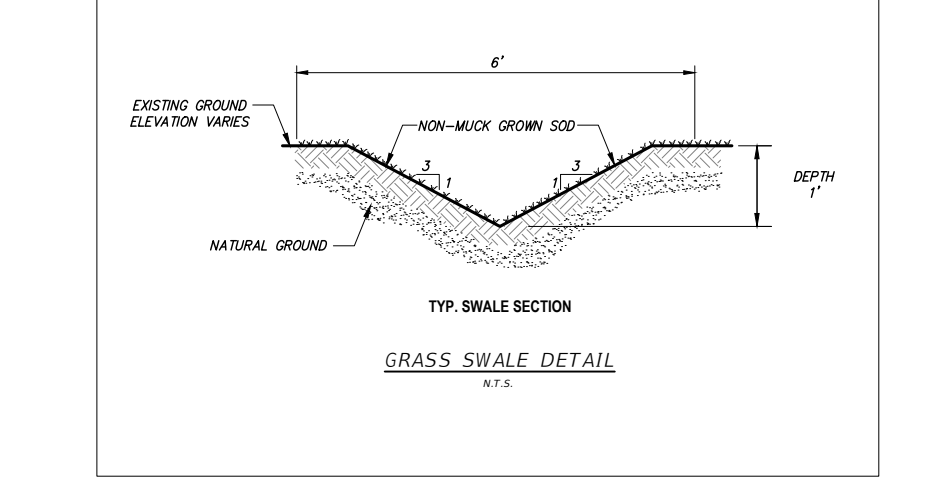
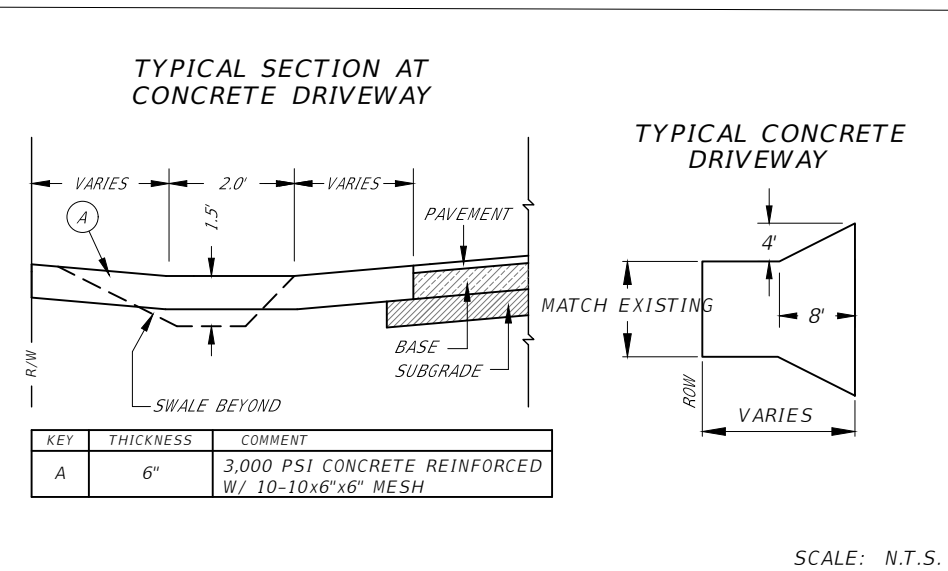
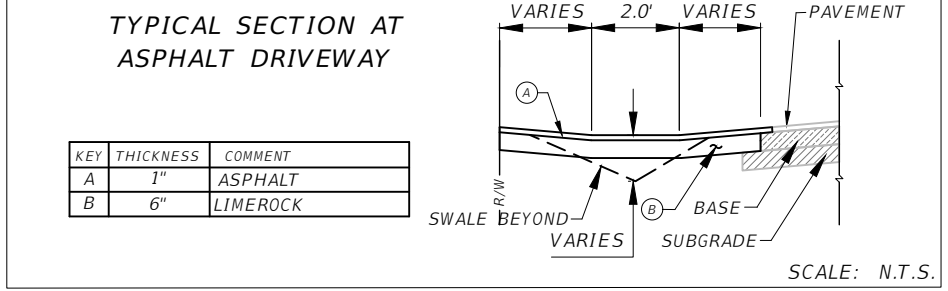
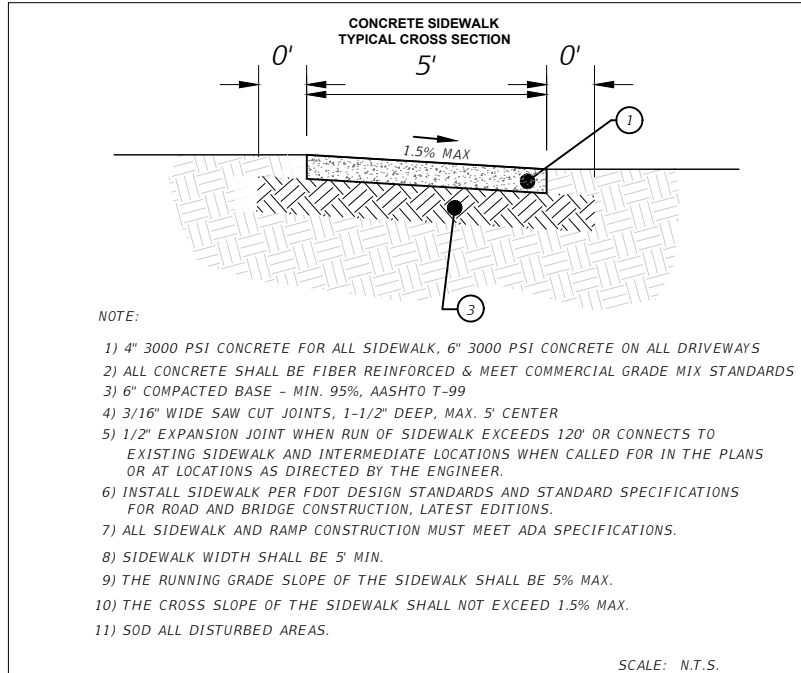
TABLE 1

ROAD TYPE	R
LOCAL ROAD	2'
COLLECTOR ROAD UP TO 45 MPH	15'
COLLECTOR ROAD GREATER THAN 45 MPH	25'

OPEN CUT NOTES

- 1" MIN. SP-9.5 OR FC-9.5 OVERLAY, MIN OF "R" FROM TABLE 1 EACH WAY FROM C/L OF PIPE, MATCHING EXISTING ASPHALT GRADE AND TO SUIT THE COUNTY ENGINEER.
- 2" ASPHALTIC CONCRETE STRUCTURAL COURSE.
- EXISTING ASPHALT.
- FLOWABLE FILL (EXCAVATABLE) MAX. 100 PSI.
- UNDISTURBED EARTH.
- EXISTING SURFACE AND BASE TO BE SAW CUT SQUARE.
- SURFACE JOINT.
- TRENCH WALL.
- CLEAN EARTH BACKFILL FROM ORIGINAL MATERIAL OR SELECTED EARTH (PER FDOT INDEX 505) FLUSH WITH TOP OF PIPE, IN 6" LIFTS TO 98% COMPACTION EACH LIFT IN EACH LANE.

OPEN CUTS ARE NOT ALLOWED UNLESS SPECIFICALLY AUTHORIZED BY LAKE COUNTY PUBLIC WORKS DEPARTMENT
 SCALE: N.T.S.



DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
LAKE COUNTY, FL
 350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION: R - 206
 T - 195
 S - 25

DATE: 8/19/19
 DATE: 8/19/19
 DATE: 8/19/19

PAGE: 1
 FIELD BOOK:
 DESIGNED: DD
 DRAWN: DD
 APPROVED: DD

MORNINGSIDE & SYLVAN POINT
 DRAINAGE IMPROVEMENTS
 TYPICAL DETAILS

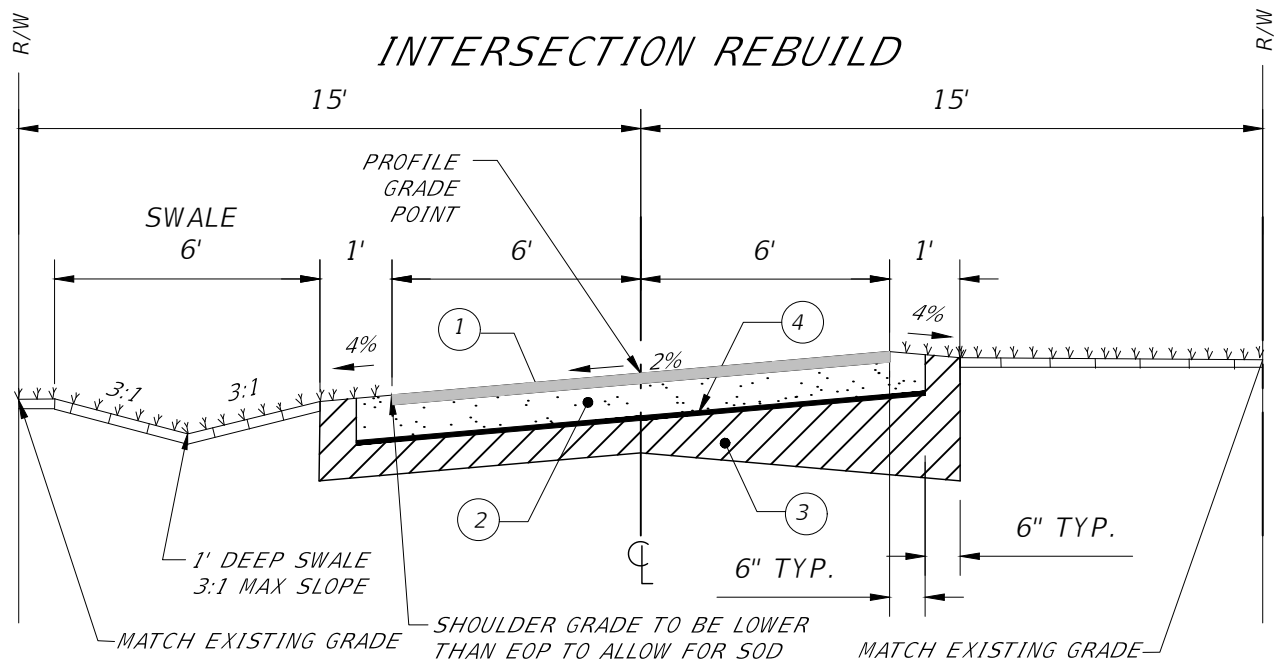
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SYLVAN POINT DRIVE

INTERSECTION REBUILD



NOTE:

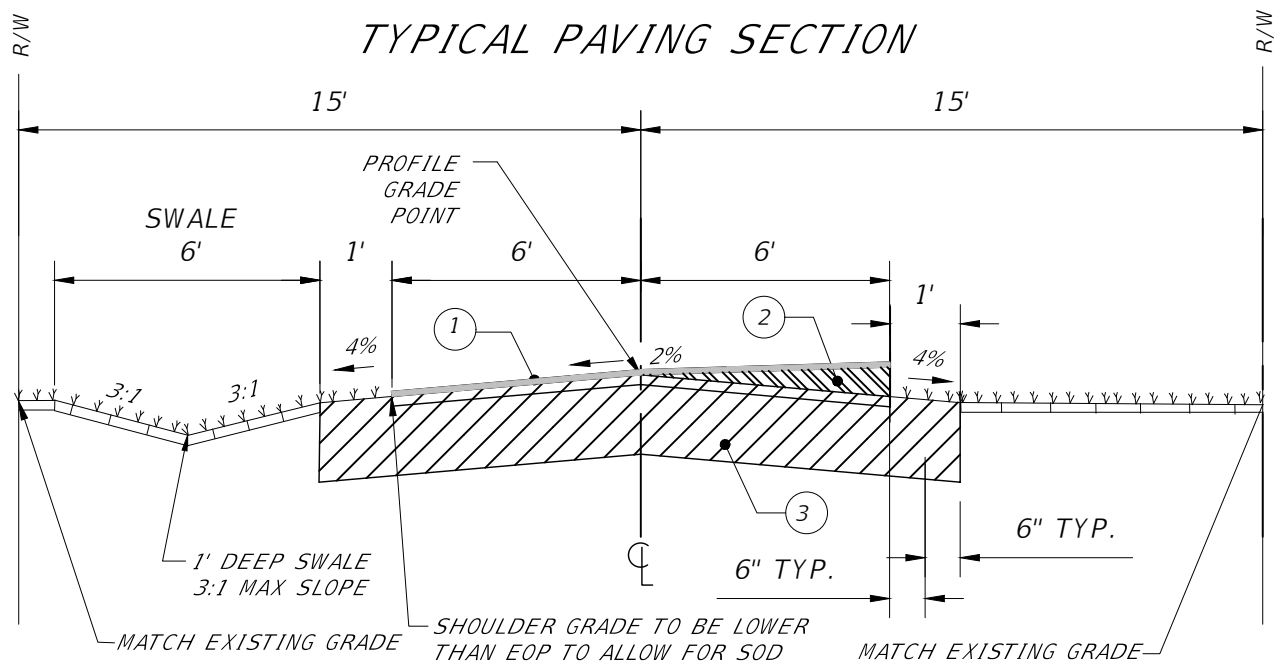
1. ALL STRIPING TO BE LEAD & SOLVENT FREE THERMOPLASTIC.
2. SOD ALL DISTURBED AREAS.
3. POSTED SPEED IS 25 MPH.

KEY:

- 1 2" MIN. SP-9.5 ASPHALT.
- 2 6" CRUSHED CONCRETE BASE MATERIAL - 98% STATIC COMPACTION, A.A.S.H.T.O. T-180, PRIMED & SANDED.
- 3 MIX EXISTING BASE AND SUBBASE IN PLACE TO A DEPTH OF 20 INCHES TO CREATE THE 12" TYPE B STABILIZED SUBGRADE MIN. LBR 40, 98% COMPACTION, A.A.S.H.T.O. T-180. THEN REMOVE APPROXIMATELY 7.5 INCHES TO ACCOMMODATE THE PLACEMENT OF THE GEO-TEXTILE MAT.
- 4 GEO-TEXTILE PRODUCT: MIRAFLI HP 370 OR APPROVED EQUAL.

SYLVAN POINT DRIVE

TYPICAL PAVING SECTION



NOTE:

1. ALL STRIPING TO BE LEAD & SOLVENT FREE THERMOPLASTIC.
2. SOD ALL DISTURBED AREAS.
3. POSTED SPEED IS 25 MPH.

KEY:

- 1 1" MIN. SP-9.5 ASPHALT OVERLAY.
- 2 1" MIN. SP 9.5 LEVELING COURSE.
- 3 EXISTING ASPHALT & BASE

SIGNATURE	
 DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION LAKE COUNTY, FL 350 N. SINCLAIR AVE., TAVERNES, FLORIDA 32778	
REVISION:	DATE:
R - 20E	DATE: 8/19/19
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S - 25	DESIGNED: DD
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JOB NO.: 18029	
SHEET: C7	

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Storm Structure Table

Structure #	Structure Type	Top Elev.	Inverts		
D14	Type C DBI With Open Bottom	78.85	76.12 - 15" (S)	STA:50+51.54 OFF:-13.51L	N:1629101.1970 E:443367.5560
D15	Type C DBI With Open Bottom	78.90	76.00 - 15" (N) 76.00 - 15" (E)	STA:50+31.03 OFF:42.61R	N:1629045.1260 E:443346.9240
D16	Type C DBI With Open Bottom	78.65	75.93 - 15" (W) 75.93 - 15" (NE)	STA:50+68.12 OFF:46.08R	N:1629041.5682 E:443384.0034
D17	Type C DBI With Open Bottom	78.50	75.82 - 15" (SW) 75.82 - 15" (E)	STA:51+00.00 OFF:0.00	N:1629087.5826 E:443415.9827
D18	Modified Type E DBI With Open Bottom, See Detail	73.15	70.34 - 15" (W) 70.34 - 15" (S) 70.34 - 18" (E)	STA:53+77.82 OFF:0.00	N:1629087.2668 E:443693.7998
D19	Type C DBI With Open Bottom	73.05	70.34 - 18" (W) 70.20 - 18" (E)	STA:55+73.06 OFF:0.00	N:1629087.5311 E:443889.0400
D20	Modified Type E DBI With Open Bottom, See Detail	72.91	70.20 - 18" (W) 70.20 - 18" (NE)	STA:56+69.51 OFF:0.00	N:1629088.6178 E:443985.4853
D21	Type C DBI With Open Bottom	72.44	69.73 - 18" (W) 69.72 - 18" (E)	STA:59+76.71 OFF:0.00	N:1629206.0702 E:444269.3297
D22	U-Type Concrete Endwall with Baffels & Grate - 18 in. Dia.Pipe (1 : 3 Slope)	71.90	69.57 - 18" (W)	STA:60+81.47 OFF:0.00	N:1629243.9529 E:444366.9933

Storm Structure Table

Structure #	Structure Type	Top Elev.	Inverts		
D23	Type C DBI With Open Bottom	74.14	71.52 - 15" (N)	STA:200+08.61 OFF:0.00	N:1628808.2743 E:443595.5423
D24	Type C DBI With Open Bottom	74.32	71.44 - 15" (S) 71.44 - 15" (E)	STA:200+48.34 OFF:0.00L	N:1628848.0027 E:443595.6660
D25	Precast Type J7 Manhole (1-Piece 24 in. Dia. Cover (Center)) with 48" Dia. J Bottom	75.11	71.39 - 15" (W) 71.39 - 15" (N)	STA:200+71.92 OFF:0.00	N:1628847.9256 E:443619.2449
D26	Type C DBI With Open Bottom	74.68	71.34 - 15" (S) 71.34 - 15" (N)	STA:200+95.87 OFF:0.00	N:1628870.1452 E:443628.1868
D27	Type C DBI With Open Bottom	73.90	70.43 - 15" (S) 70.43 - 15" (E) 70.43 - 15" (N)	STA:202+81.67 OFF:0.00	N:1629044.2505 E:443693.0511
D28	Type C DBI With Open Bottom	73.50	70.49 - 15" (W)	STA:202+81.67 OFF:28.53R	N:1629041.8022 E:443721.4727
D29	Type C DBI With Open Bottom	72.80	70.07 - 18" (SW) 70.07 - 18" (NE)	STA:57+51.92 OFF:0.00	N:1629120.5272 E:444061.4619
D30	Type C DBI With Open Bottom	72.65	69.91 - 18" (SW) 69.91 - 18" (E)	STA:58+56.63 OFF:0.00	N:1629161.0737 E:444158.0035

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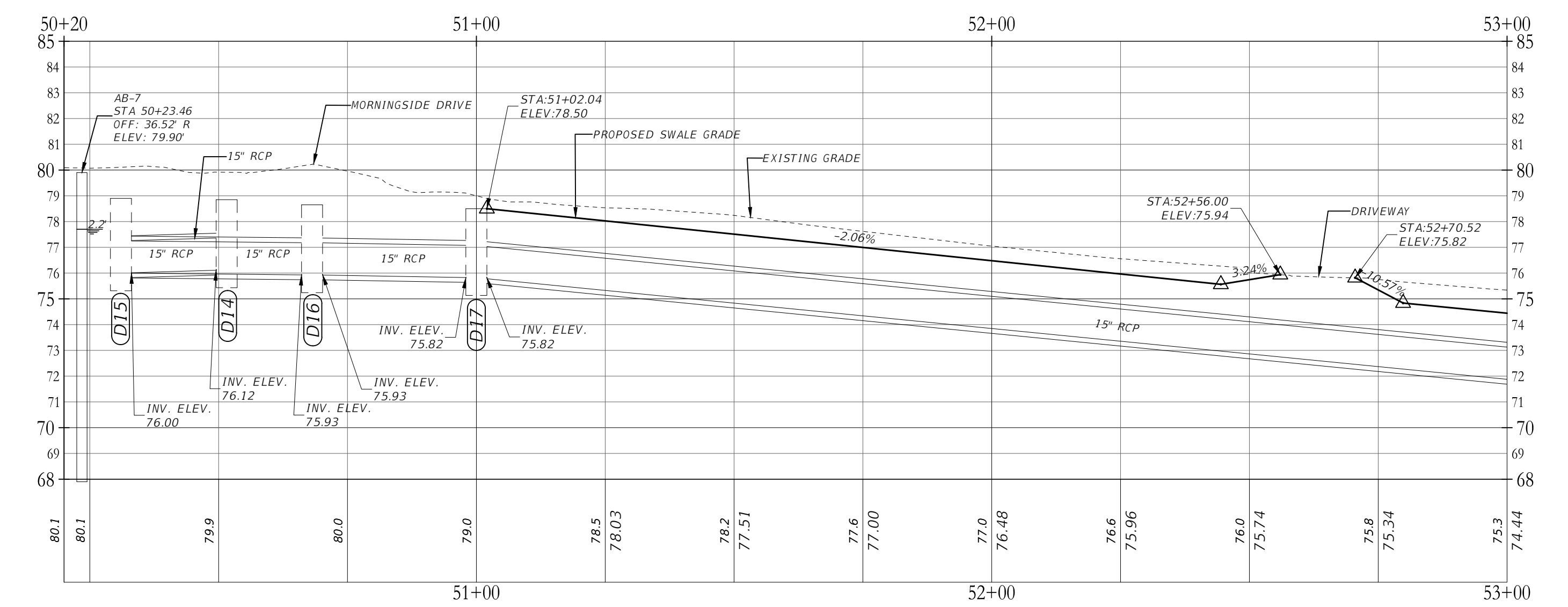
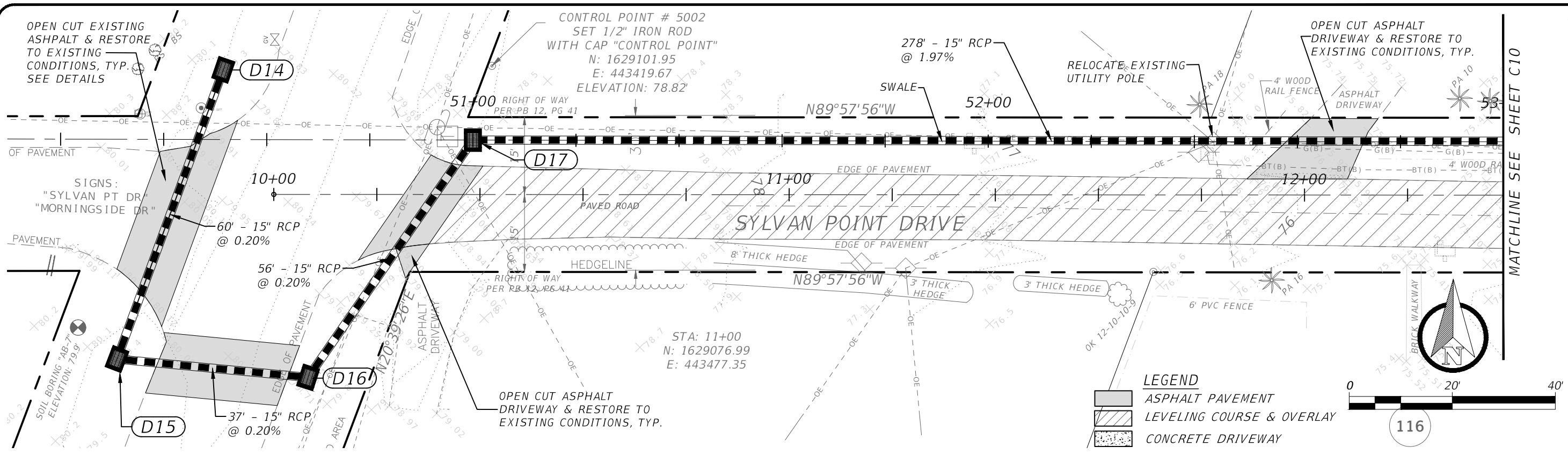


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S - 25	8/19/19
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MORNINGSIDE & SYLVAN POINT
DRAINAGE IMPROVEMENTS
STORM STRUCTURE TABLE

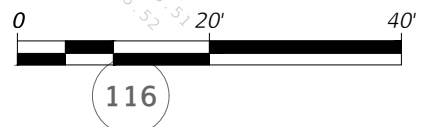
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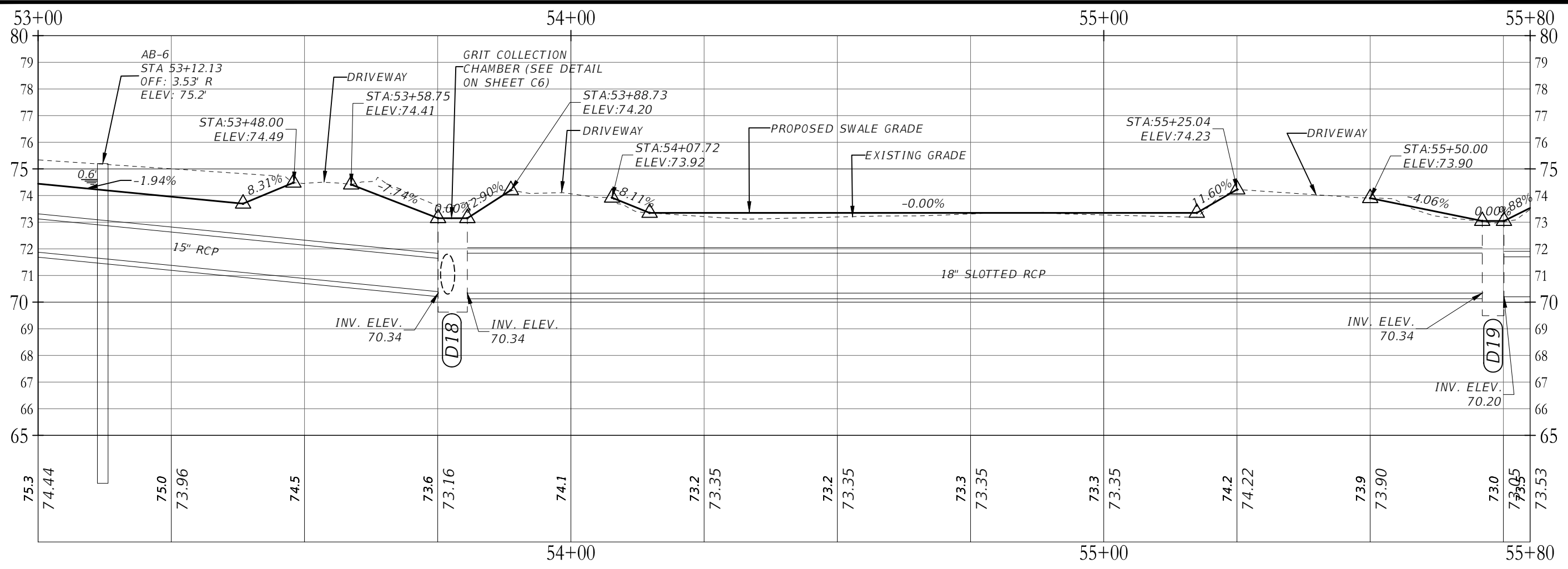
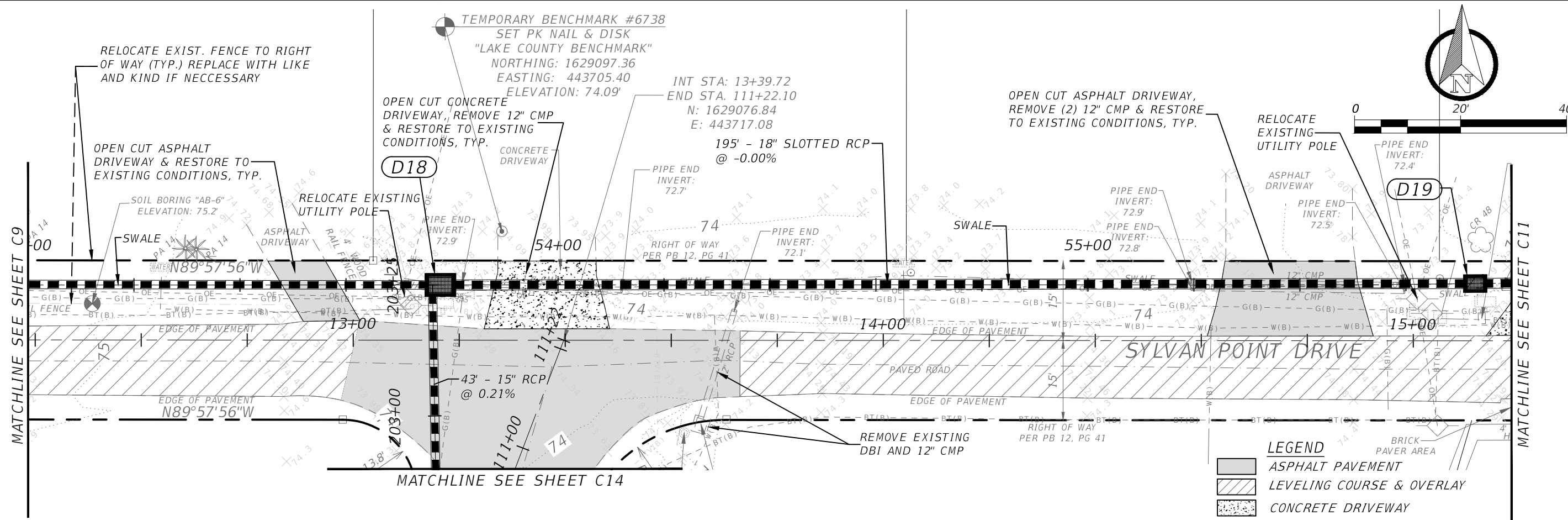


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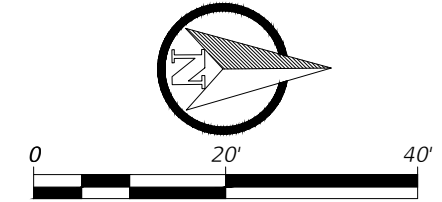
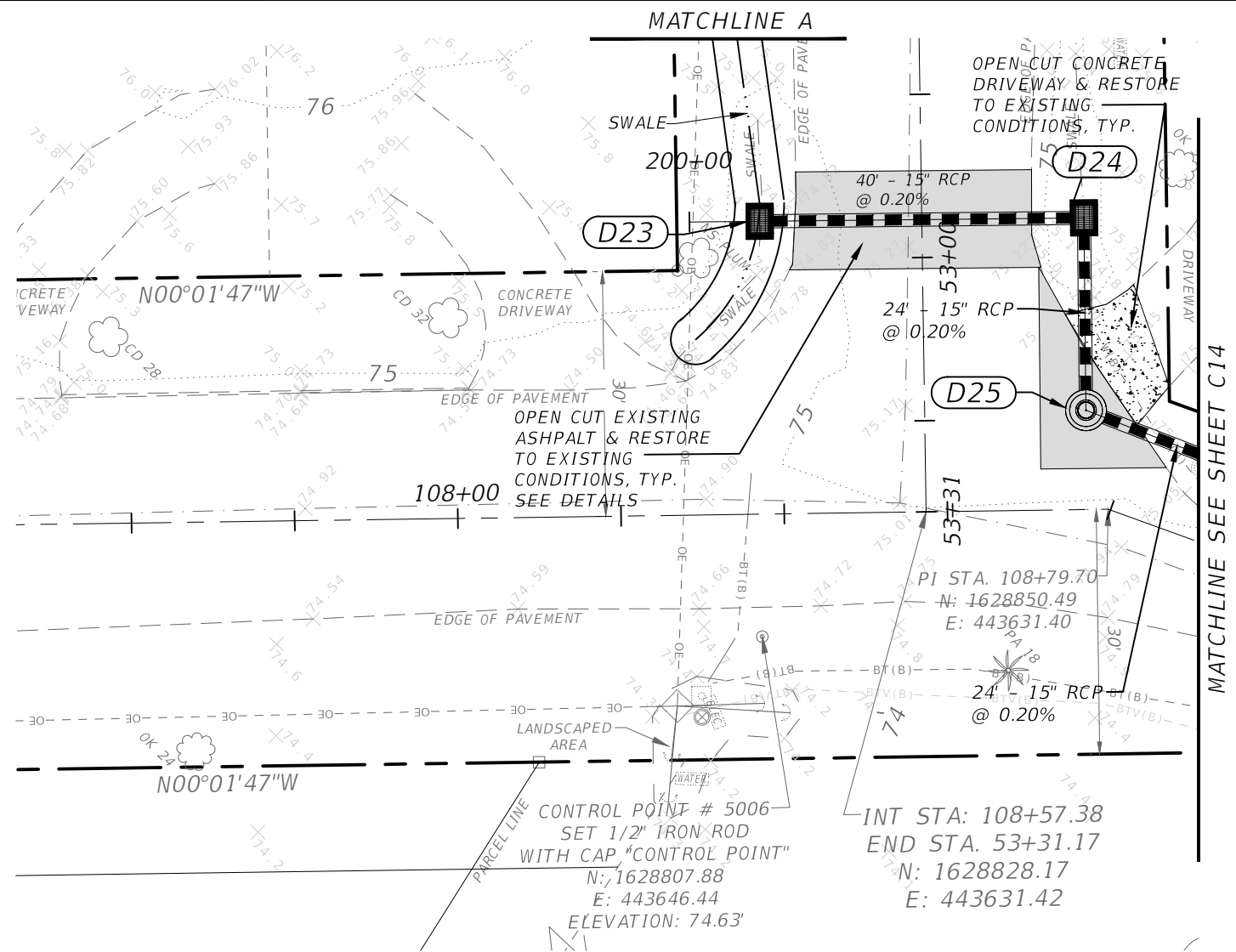


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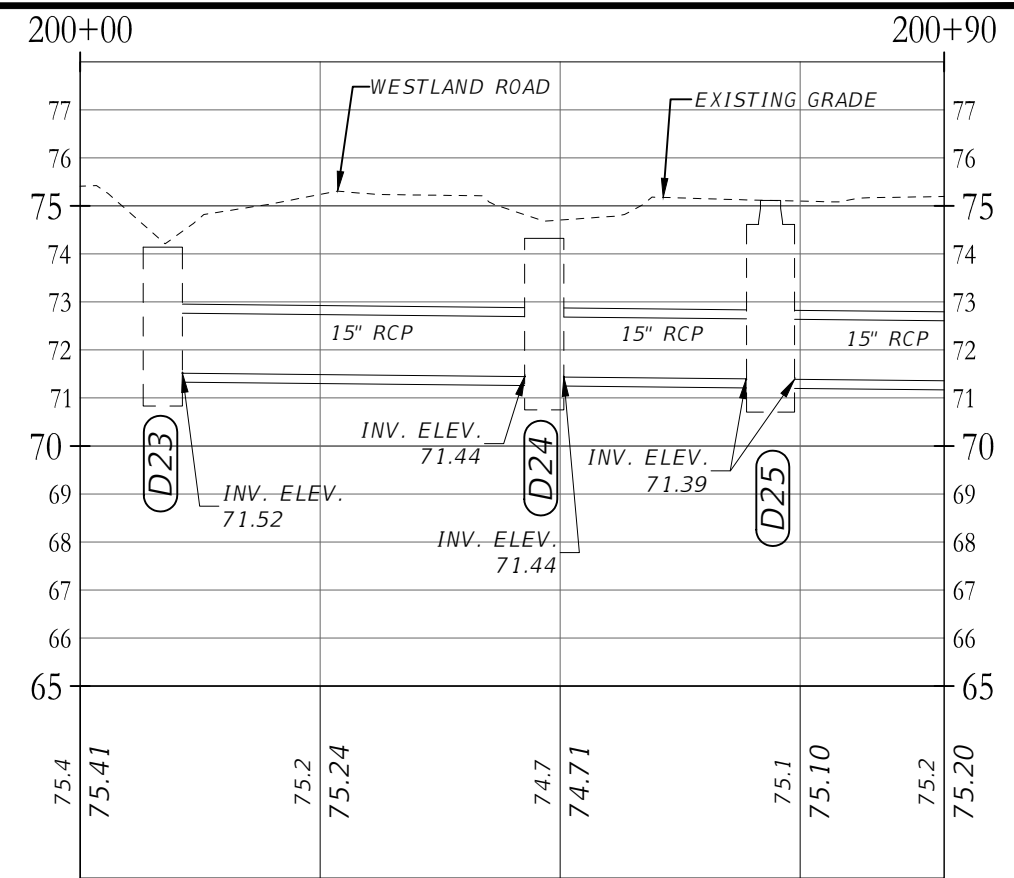
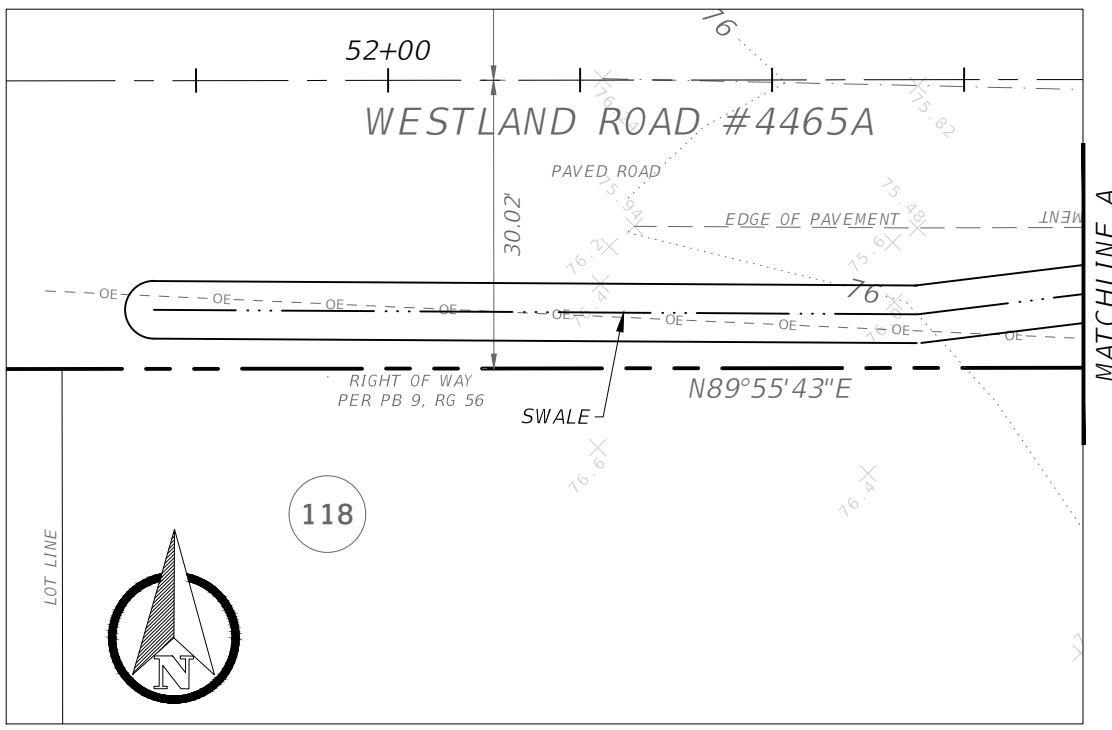
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LEGEND

ASPHALT PAVEMENT

CONCRETE DRIVEWAY



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**MORNINGSIDE & SYLVAN POINT
DRAINAGE IMPROVEMENTS
PLAN & PROFILE**

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