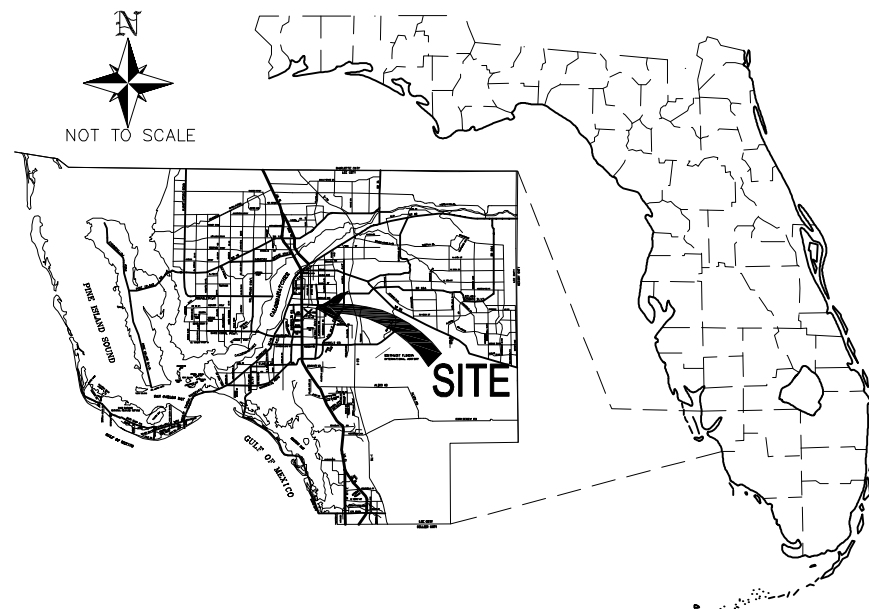


NORTH AIRPORT ROAD EXTENSION



GENERAL LOCATION MAP

PREPARED FOR:
HML PROPERTIES, LLC
 12995 SOUTH CLEVELAND AVENUE, PBS 34
 FORT MYERS, FLORIDA 33907
 PHONE: (239) 000-0000 FAX: (239) 000-0000

PROJECT CONTACTS

CIVIL ENGINEER:
 BANKS ENGINEERING
 CLAYTON W. REBOL, P.E. PROJECT MANAGER
 12653 SW COUNTY ROAD 769, SUITE B
 LAKE SUZY, FLORIDA 34269
 PHONE: (941) 625-1165

SURVEYOR:
 BANKS ENGINEERING
 RICHARD M. RITZ, RLS
 10511 SIX MILE CYPRESS PKWY, SUITE 101
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ENVIRONMENTAL:
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 KIM SCHLACHTA
 11000 METRO PARKWAY, SUITE 4
 FORT MYERS, FL 33966
 PHONE: (239) 418-0671

TRAFFIC ENGINEER:
 JMB TRANSPORTATION ENGINEERING, INC.
 JAMES M. BANKS P.E.
 761 21ST STREET NW
 NAPLES, FL 34120
 PHONE: (239) 919-2767

INDEX OF SHEETS

NORTH AIRPORT ROAD EXTENSION PLANS

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9	PLAN & PROFILE STA 21+00-26+50
10	PLAN & PROFILE STA 26+50-32+00
11	PLAN & PROFILE STA 32+00-37+50
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23	TYPICAL CROSS SECTIONS
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35	GENERAL NOTES AND DETAILS
36	PAVING, GRADING & DRAINAGE DETAILS
37	BEST MANAGEMENT PRACTICE PLAN
38	BEST MANAGEMENT PRACTICE DETAILS

AT LEAST 72 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL CONTACT THE LOCAL MAINTENANCE FDOT ENGINEER'S OFFICE TO SECURE GENERAL USE PERMITS AND/OR OTHER PERMITS AS REQUIRED FOR WORKING WITHIN THE DEPARTMENT'S RIGHT-OF-WAY.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (DATED 2010) AND DESIGN STANDARDS BOOKLET (DATED 2010).

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1/1/2012. FOR DESIGN STANDARDS MODIFICATIONS, CLICK ON "DESIGN STANDARDS" AT THE FOLLOWING WEB SITE: <http://www.dot.state.fl.us/rddesign/>.

SITE INFORMATION

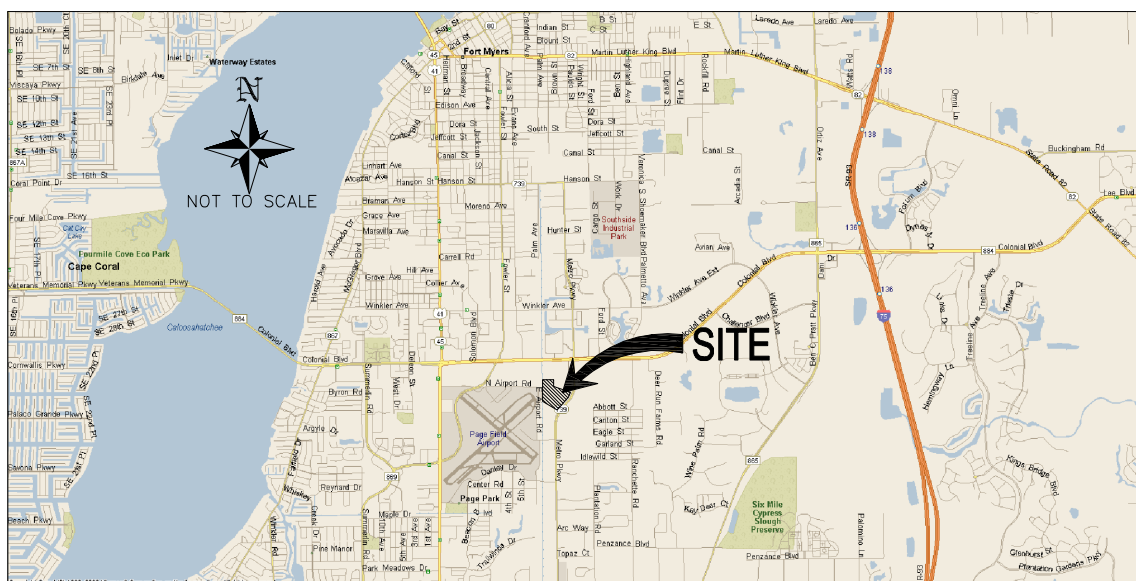
PROJECT AREA: 30.94 ACRES

PARCEL STRAP NO.: 06-45-25-P1-00063-0070

PARCEL ADDRESS: 10500 METRO PARKWAY
FORT MYERS, FL 33936

CURRENT ZONING: PUD

PROPOSED USE: COMMERCIAL SUBDIVISION



LOCATION MAP

SECTION 06, TOWNSHIP 45 SOUTH, RANGE 25 EAST
 LEE COUNTY, FLORIDA

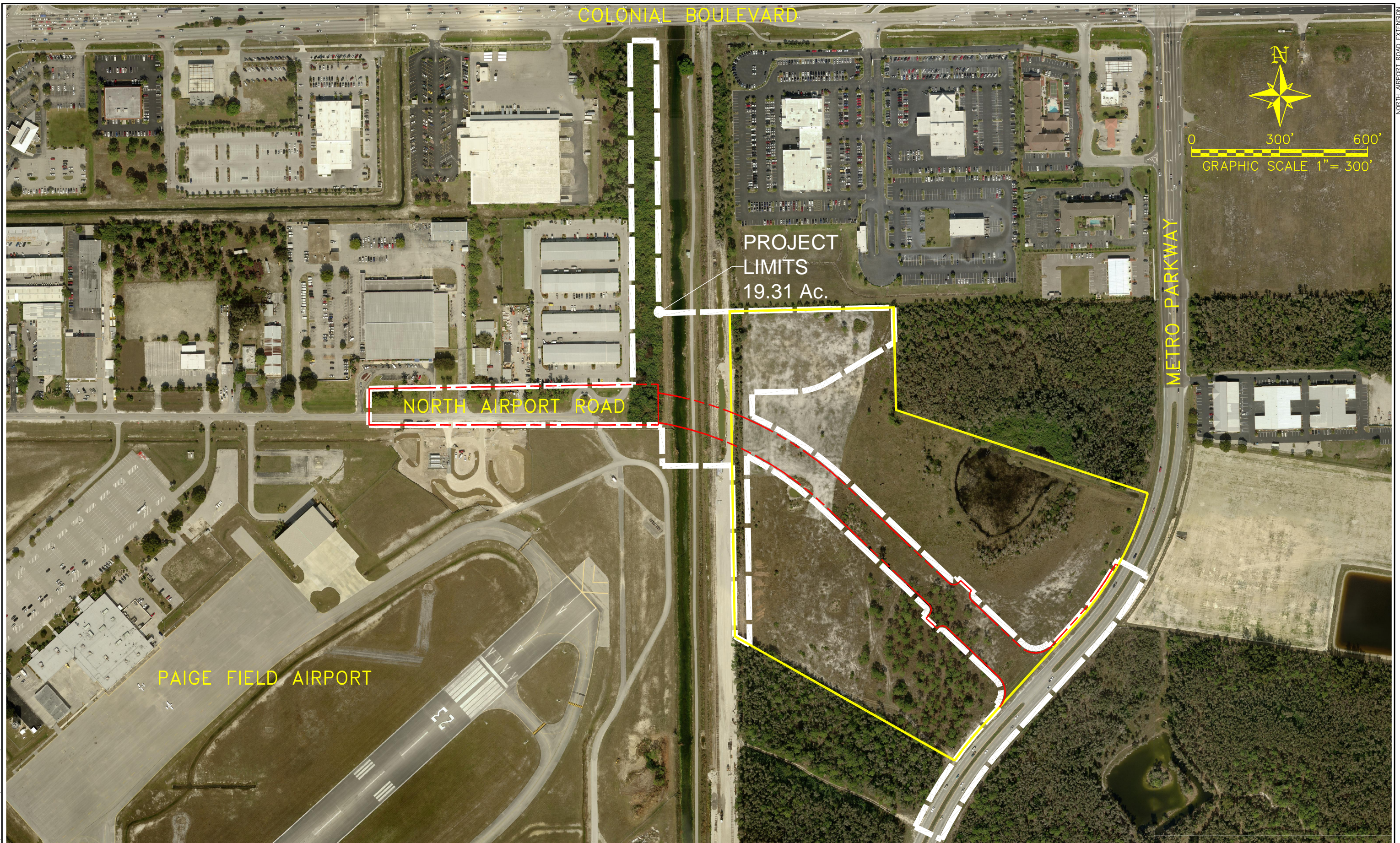
BANKS ENGINEERING

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60% PLANS

CLAYTON W. REBOL, P.E.
 LICENSE # 70173



S:\JOBS\22XX\2257A\ENGINEERING\DEV PLANS\2257A AERIAL.DWG 10/17/2012 3:36 PM CRAIG CROTEAU

NORTH AIRPORT ROAD EXTENSION

PREPARED FOR:
HML PROPERTIES, LLC
 12995 SOUTH CLEVELAND AVENUE, PBS 34
 FORT MYERS, FLORIDA 33907
 PHONE: (239) 000-0000
 FAX: (239) 000-0000

NO.	DATE	REVISION DESCRIPTION	BY

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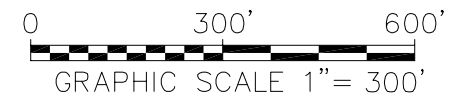
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CLAYTON W. REBOL, P.E.
 LICENSE # 70173

AERIAL					
NORTH AIRPORT ROAD EXTENSION					
LEE COUNTY, FLORIDA					
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED
12-6-2010	2257A	_AER	CDC	CDC	CWR
SCALE	SHEET				
1"=200'	2				

CONSTRUCTION NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH FLORIDA DEPT. OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION.
2. CONTRACTOR TO DETERMINE & VERIFY LOCATION & ELEVATION OF ANY BURIED UTILITY LINES OR CABLES. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR &/OR REPLACEMENT OF ANY UTILITY LINES OR CABLES DISTURBED BY CONSTRUCTION OPERATIONS.
3. SUBGRADE & LIMEROCK BASE COURSES TO BE COMPACTED TO 98% MIN. OF THE MAX. DRY DENSITY AS DETERMINED BY AASHTO T-180 TESTING.
4. THE CONTRACTOR SHALL SUPPLY SATISFACTORY DENSITY TESTS OF SUBGRADE & LIMEROCK BASE MATERIALS TO THE ENGINEER PRIOR TO PAYMENT &/OR FINAL ACCEPTANCE. (ONE TEST PER COURSE PER 400 SQUARE YARDS).
5. CONTRACTOR SHALL PROVIDE & MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS & INDEXES & THE FEDERAL HIGHWAY ADMINISTRATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART IV.
6. CONTRACTOR SHALL SOD ALL DISTURBED AREAS & OTHERWISE RESTORE ALL AREAS TO EXISTING CONDITION OR BETTER.
7. CONTRACTOR TO SECURE AND COMPLY WITH F.D.O.T. RIGHT-OF-WAY USE PERMIT.
8. UPON COMPLETION OF ALL IMPROVEMENTS TO METRO PARKWAY & NORTH THE INITIAL STRIPING SHALL BE ACCOMPLISHED BY PAINT. AFTER A 30 DAY "CURING" PERIOD THE ROADWAY WILL THEN BE RE-STRIPPED IN THERMOPLASTIC ALONG WITH THE PLACEMENT OF ALL REFLECTIVE PAVEMENT MARKERS (RPM'S)
9. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

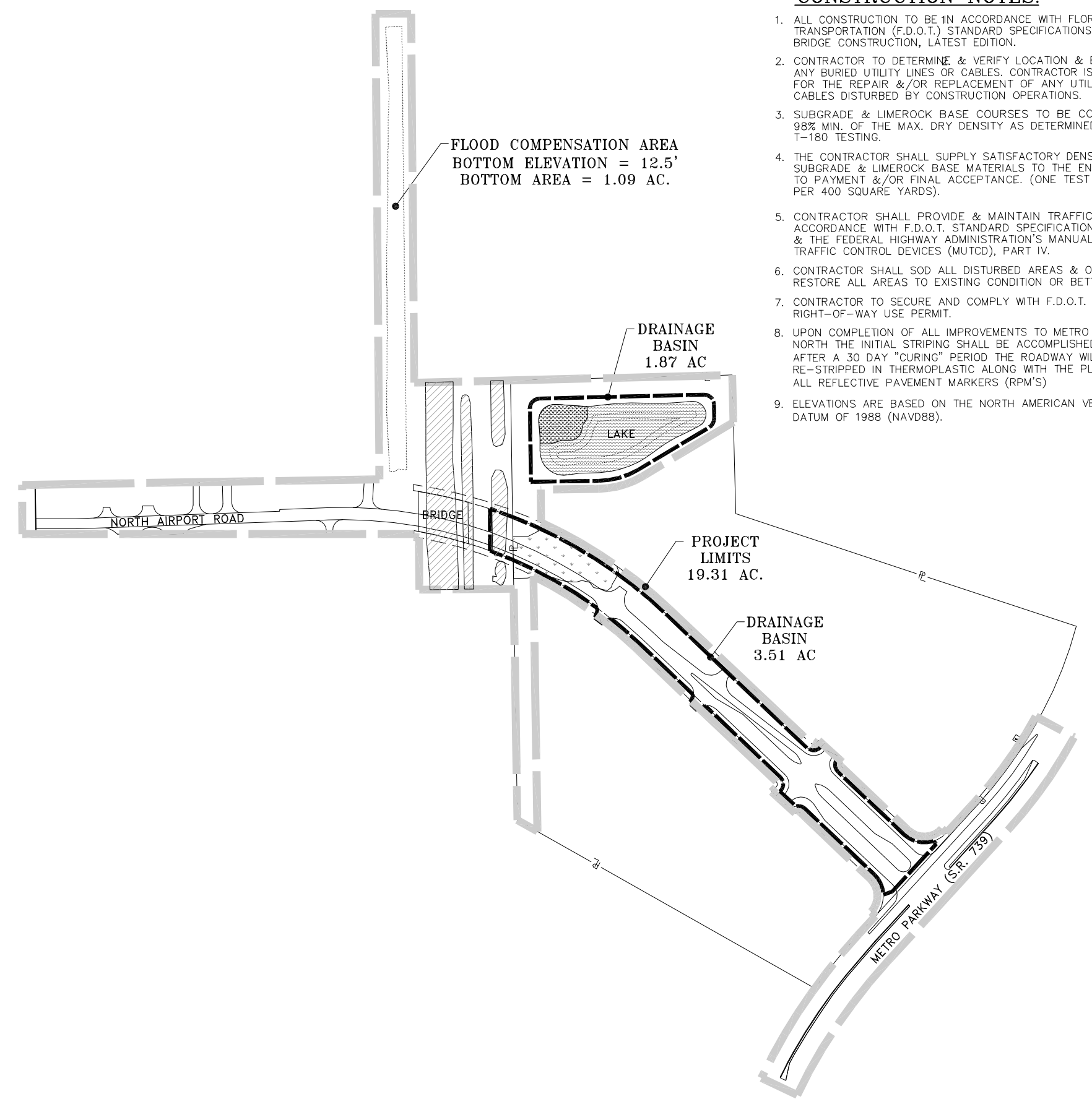


LEGEND:

	PROPERTY LINE
	PROJECT LIMITS LINE
	DRAINAGE BASIN LINE
	WETLANDS
	LAKE
	OSW

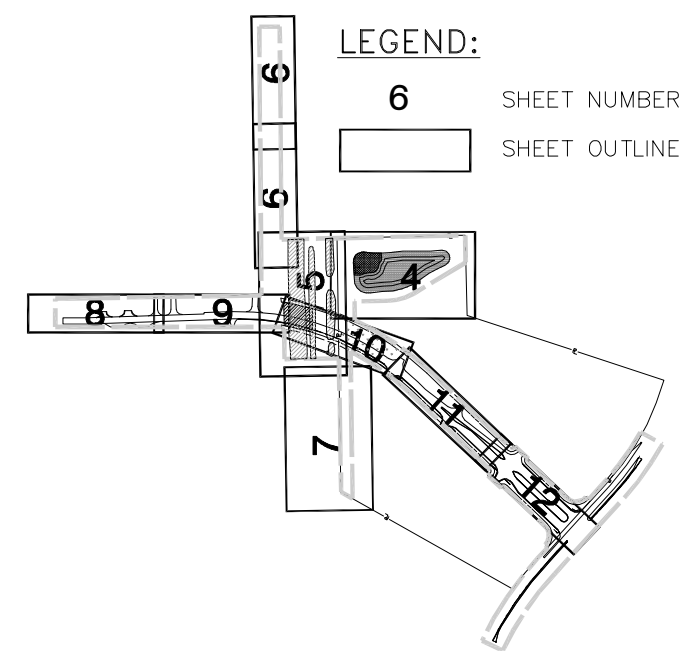
SITE DATA:

PROPERTY AREA	30.74 Ac.
PROJECT AREA	19.31 Ac.
RIGHT-OF-WAY AREA	9.73 Ac.
LAKE AREA	1.32 Ac.
WETLANDS AREA	0.61 Ac.
OSW AREA	1.47 Ac.
FLOOD PLAIN ELEVATION	16.2' NAVD



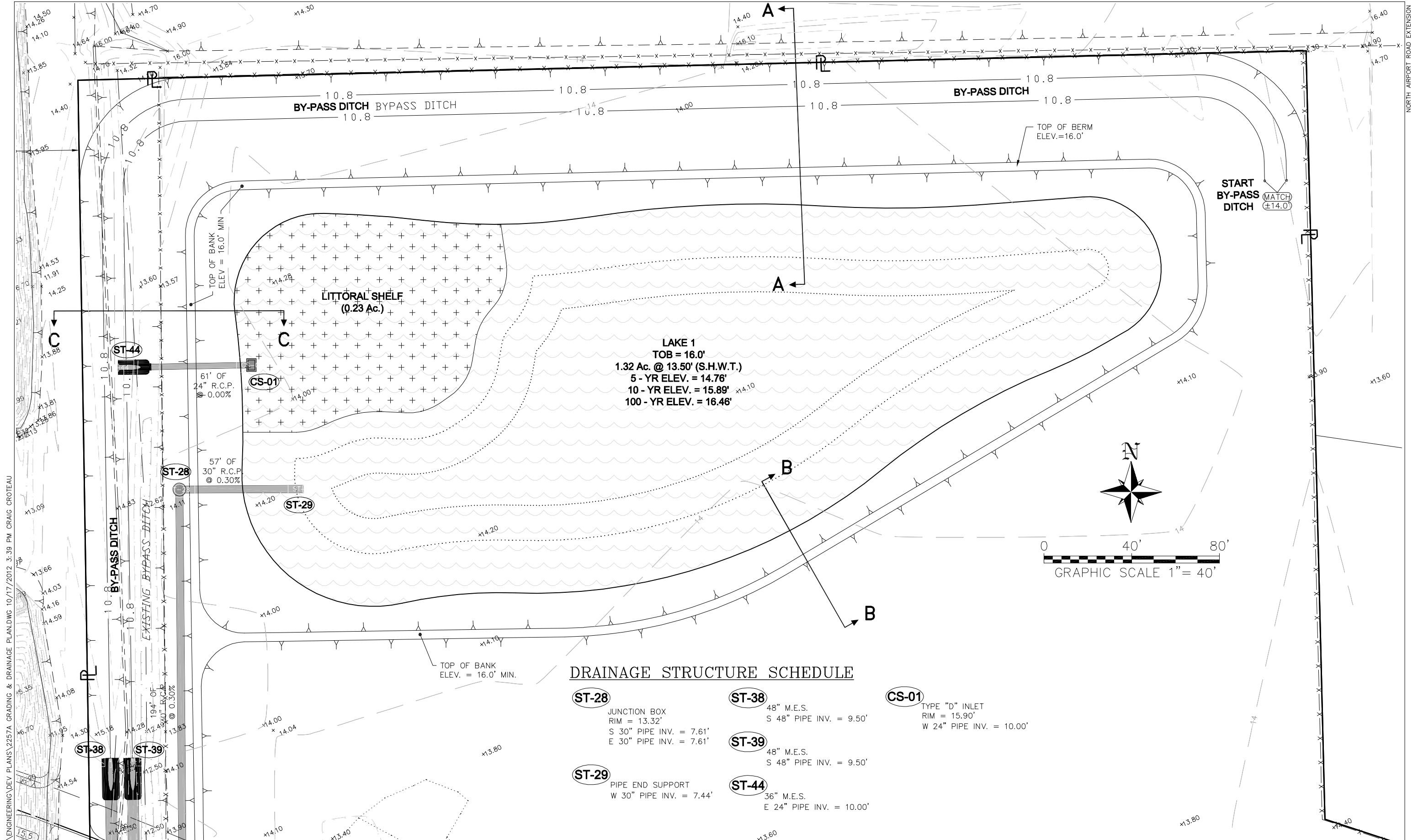
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	SHEET NUMBER
	SHEET OUTLINE



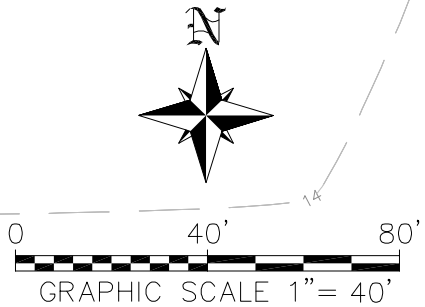
SHEET INDEX
N.T.S.

<p>PREPARED FOR:</p> <p style="text-align: center;">HML PROPERTIES, LLC</p> <p style="text-align: center;">12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">NO.</th> <th style="width: 10%;">DATE</th> <th style="width: 65%;">REVISION DESCRIPTION</th> <th style="width: 20%;">BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION DESCRIPTION	BY																	<p style="text-align: center;">BANKS ENGINEERING</p> <p style="text-align: center;">Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida</p> <p style="font-size: small;">12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM</p>	<p style="text-align: center;">MASTER DRAINAGE PLAN NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>DATE</th> <th>PROJECT</th> <th>DRAWING</th> <th>DESIGN</th> <th>DRAWN</th> <th>CHECKED</th> <th>SCALE</th> <th>SHEET</th> </tr> <tr> <td>12-6-2010</td> <td>2257A</td> <td>_OVERALL PL</td> <td>CDC</td> <td>CDC</td> <td>CWR</td> <td>1"=300'</td> <td>3</td> </tr> </table>	DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET	12-6-2010	2257A	_OVERALL PL	CDC	CDC	CWR	1"=300'	3
NO.	DATE	REVISION DESCRIPTION	BY																																				
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12-6-2010	2257A	_OVERALL PL	CDC	CDC	CWR	1"=300'	3																																



DRAINAGE STRUCTURE SCHEDULE

ST-28 JUNCTION BOX RIM = 13.32' S 30" PIPE INV. = 7.61' E 30" PIPE INV. = 7.61'	ST-38 48" M.E.S. S 48" PIPE INV. = 9.50'	CS-01 TYPE "D" INLET RIM = 15.90' W 24" PIPE INV. = 10.00'
ST-29 PIPE END SUPPORT W 30" PIPE INV. = 7.44'	ST-39 48" M.E.S. S 48" PIPE INV. = 9.50'	
	ST-44 36" M.E.S. E 24" PIPE INV. = 10.00'	



S:\JOBS\22XX\2257A\ENGINEERING\DEV PLANS\2257A GRADING & DRAINAGE PLAN.DWG 10/17/2012 3:39 PM CRAIG GROTEAU

PREPARED FOR:
HML PROPERTIES, LLC
12995 SOUTH CLEVELAND AVENUE, PBS 34
FORT MYERS, FLORIDA 33907
PHONE: (239) 000-0000
FAX: (239) 000-0000

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GRADING & DRAINAGE PLAN						NORTH AIRPORT ROAD EXTENSION		LEE COUNTY, FLORIDA	
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	4		

CLAYTON W. REBOL, P.E.
LICENSE # 70173

DRAINAGE STRUCTURE SCHEDULE

ST-26

TYPE "6" THROAT INLET
EOP ELEV = 16.00'
SE 30" PIPE INV. = 8.43'
N 30" PIPE INV. = 8.43'

ST-32

TYPE "D" INLET
RIM = 15.00'
S 24" PIPE INV. = 11.00'
N 24" PIPE INV. = 11.00'

ST-27

TYPE "D" INLET WITH
ALT "B" BOTTOM
RIM = 15.00'
S 30" PIPE INV. = 8.19'
N 30" PIPE INV. = 8.19'

ST-33

TYPE "5" THROAT INLET
RIM = 16.74'
N 24" PIPE INV. = 11.00'
S 24" PIPE INV. = 11.00'

ST-28

JUNCTION BOX
RIM = 13.32'
S 30" PIPE INV. = 7.61'
E 30" PIPE INV. = 7.61'

ST-29

PIPE END SUPPORT
W 30" PIPE INV. = 7.44'

ST-40

48" M.E.S.
N 48" PIPE INV. = 9.50'

ST-48

48" M.E.S.
S 48" PIPE INV. = 9.50'

ST-38

48" M.E.S.
S 48" PIPE INV. = 9.50'

ST-41

48" M.E.S.
N 48" PIPE INV. = 9.50'

ST-39

48" M.E.S.
S 48" PIPE INV. = 9.50'

ST-44

36" M.E.S.
E 24" PIPE INV. = 10.00'

ST-36

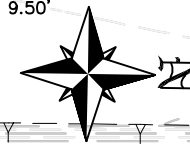
24" M.E.S.
S 24" PIPE INV. = 11.00'

ST-47

24" M.E.S.
N 24" PIPE INV. = 11.00'

ST-37

24" M.E.S.
N 24" PIPE INV. = 11.00'

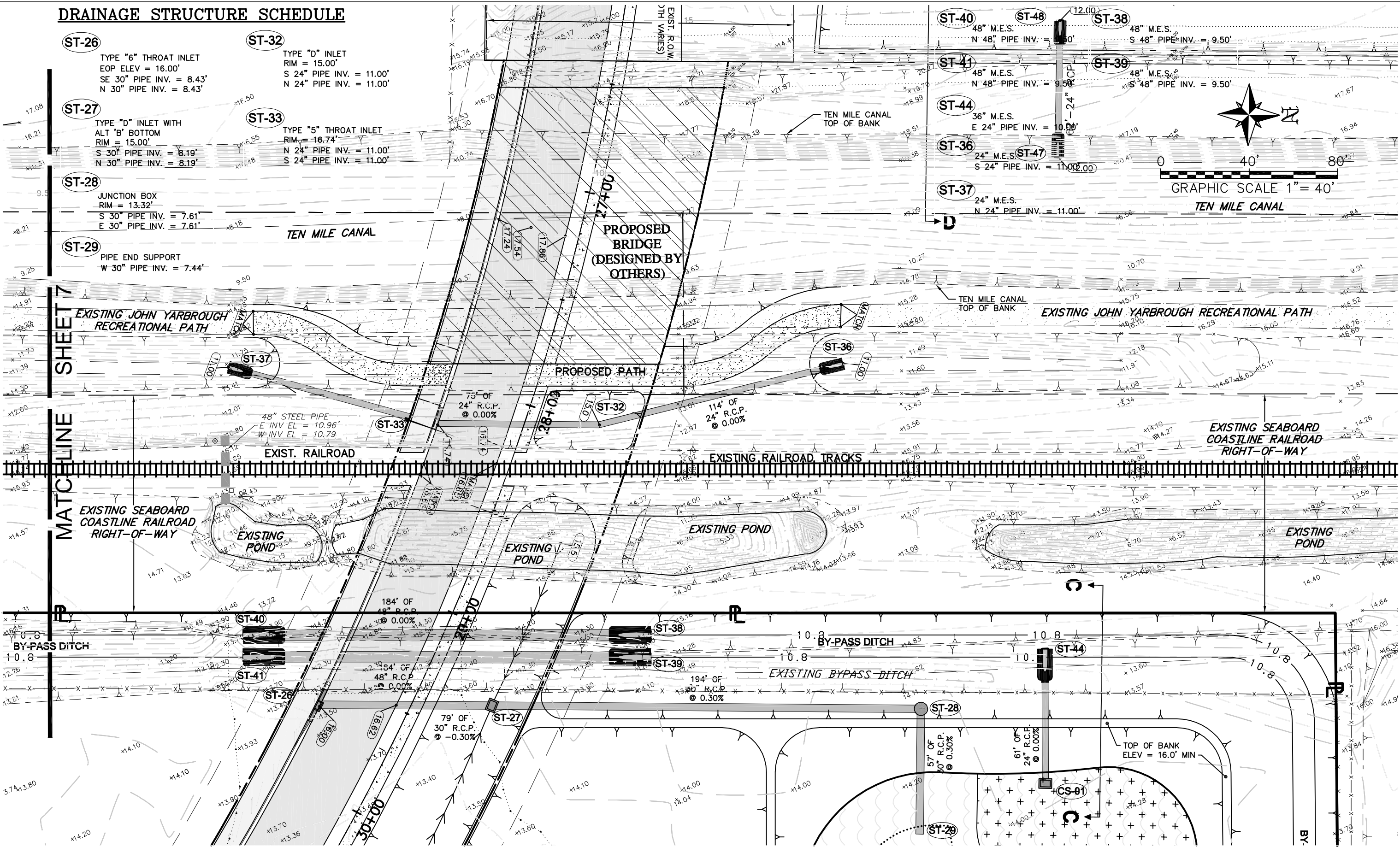


SHEET 7

MATCHLINE

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NORTH AIRPORT ROAD EXTENSION



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FORT MYERS, FLORIDA 33907
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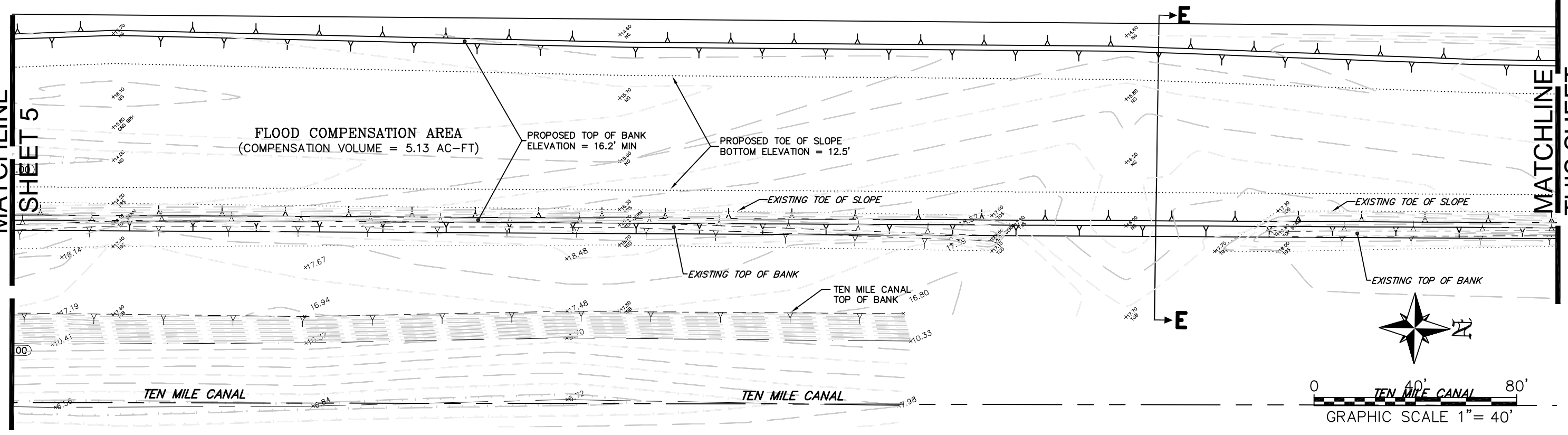
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DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	5		

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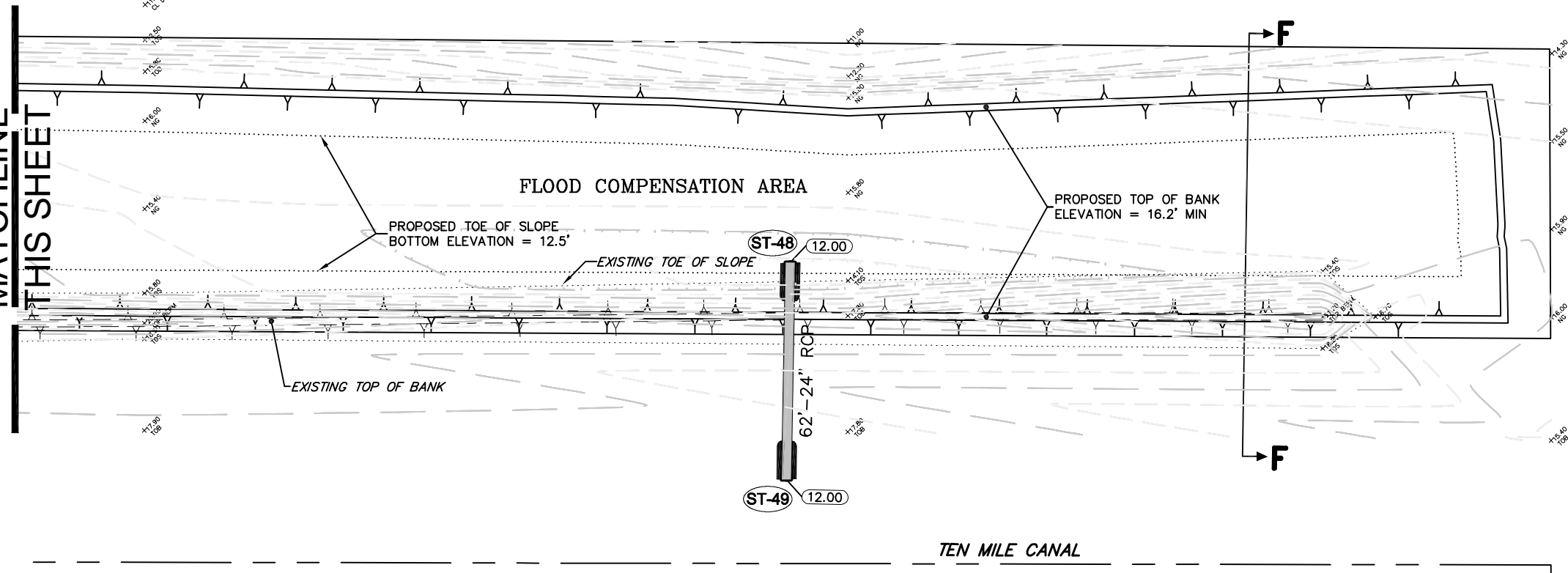
MATCHLINE
SHEET 5

MATCHLINE
THIS SHEET

NORTH AIRPORT ROAD EXTENSION



MATCHLINE
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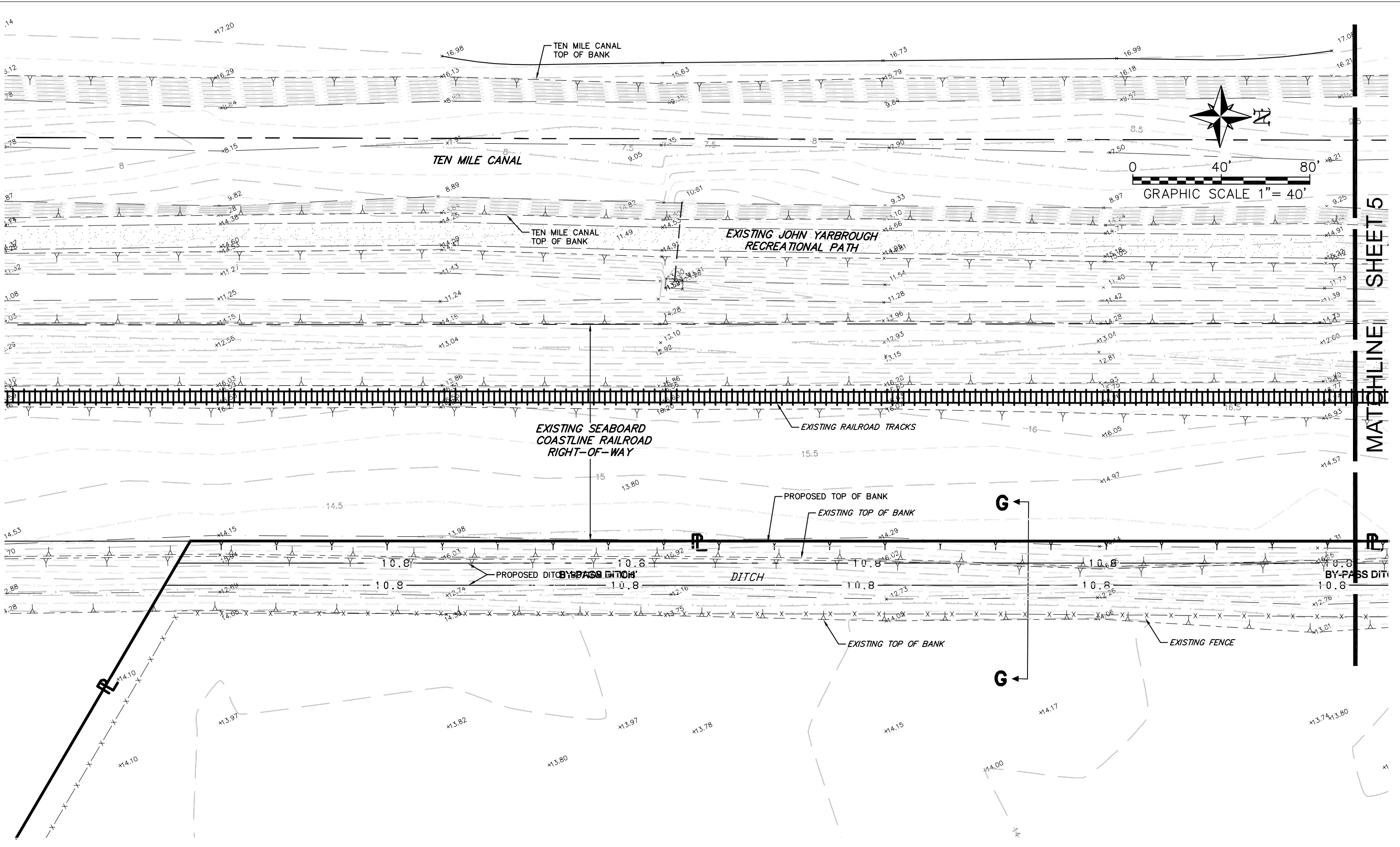
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LICENSE # 70173

GRADING & DRAINAGE PLAN							NORTH AIRPORT ROAD EXTENSION		LEE COUNTY, FLORIDA	
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET			
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	6			

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NORTH AIRPORT ROAD EXTENSION



MATCHLINE SHEET 5

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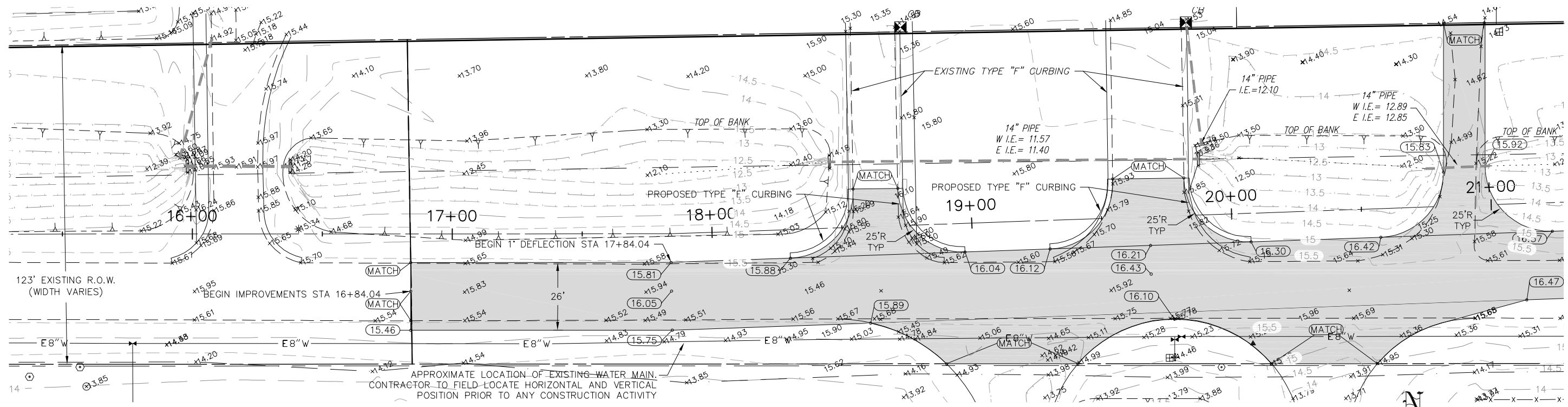
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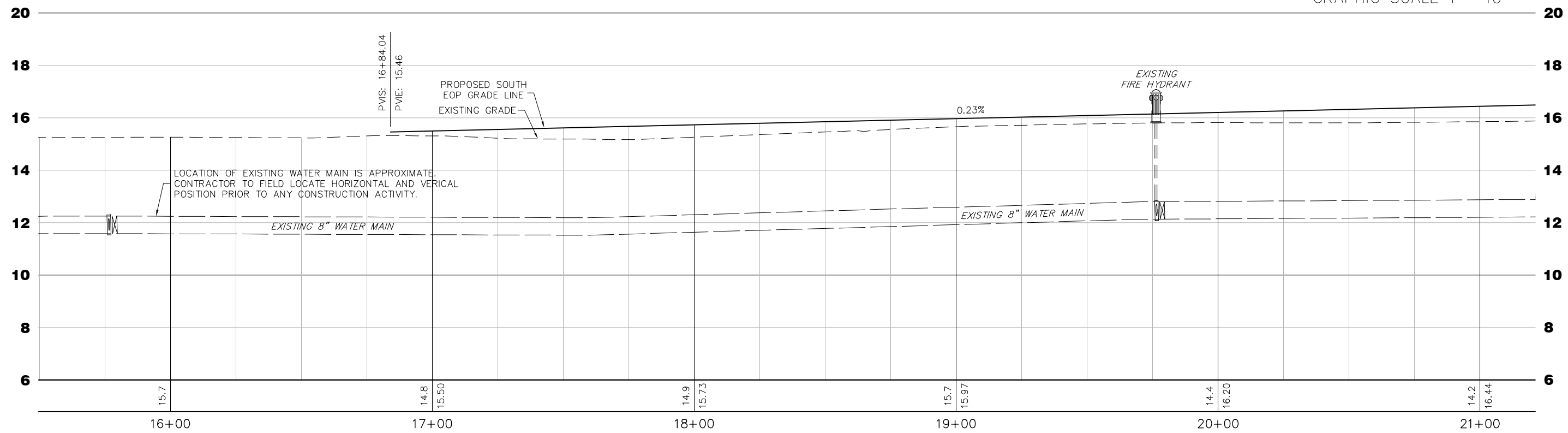
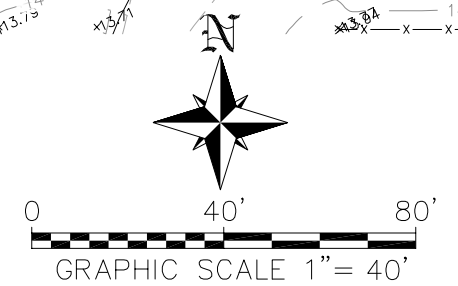
GRADING & DRAINAGE PLAN						
NORTH AIRPORT ROAD EXTENSION						
LEE COUNTY, FLORIDA						
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ
						SHEET 7

CLAYTON W. REBOL, P.E.
 LICENSE # 70173



PLAN VIEW STA 15+50 TO 21+00

SCALE: 1"=40'



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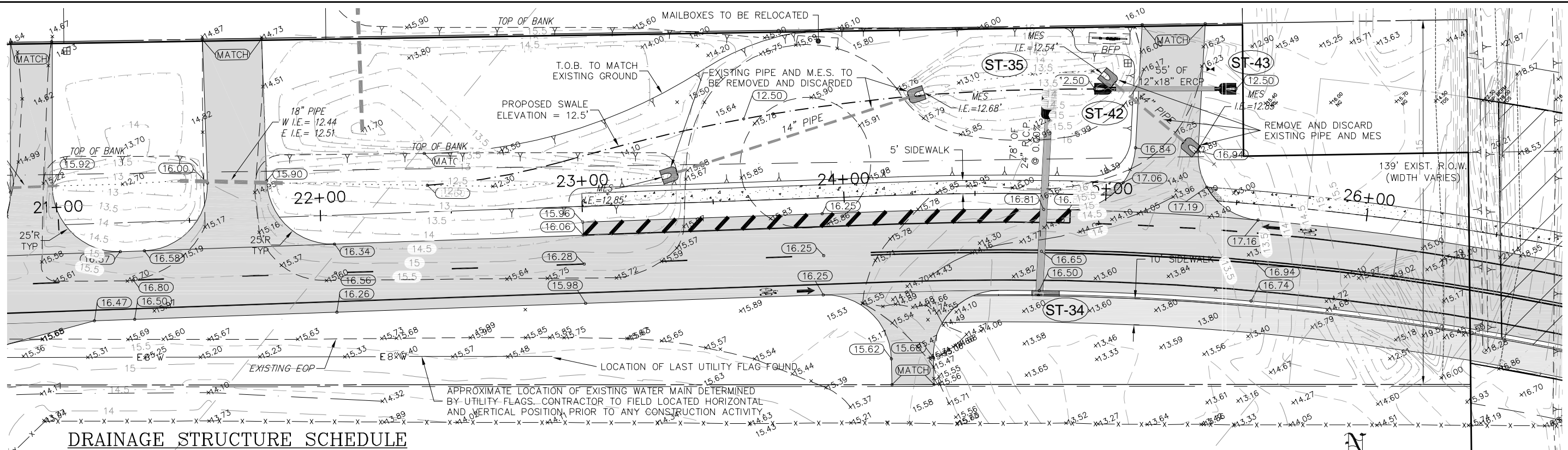
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CLAYTON W. REBOL, P.E. LICENSE # 70173						DATE 12-6-2010	PROJECT 2257A	DRAWING _PP	DESIGN CDC	DRAWN CDC	CHECKED CWR	SCALE 1"=4' VERT 1"=40' HORZ	SHEET 8
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NORTH AIRPORT ROAD EXTENSION

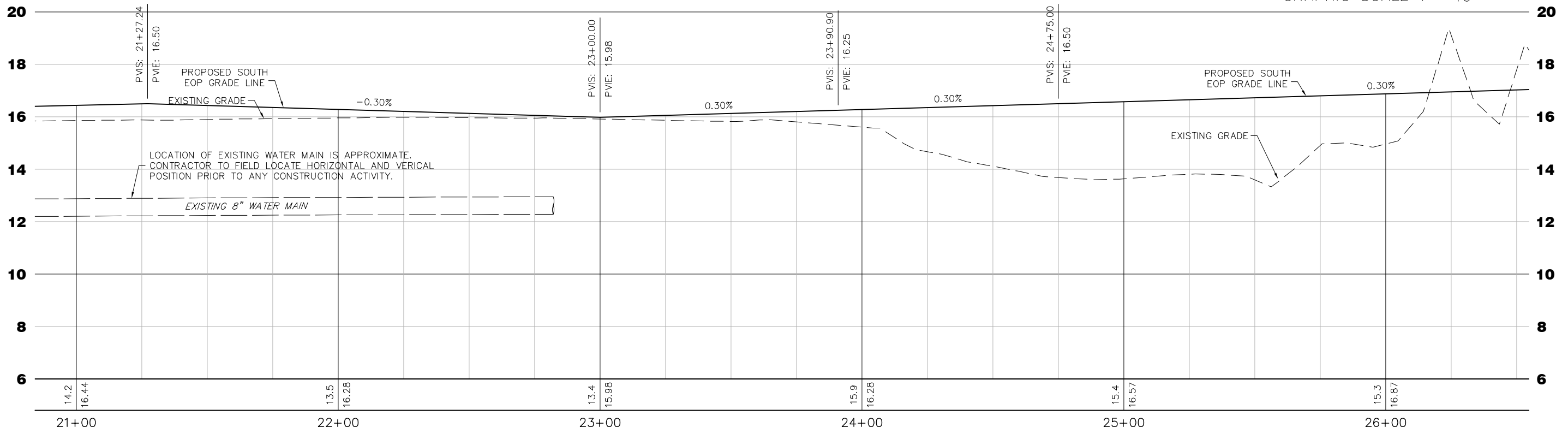
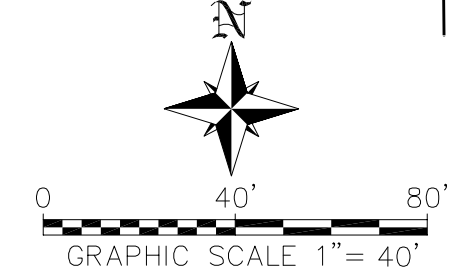


DRAINAGE STRUCTURE SCHEDULE

- ST-34**
TYPE "5" INLET
EOP ELEV = 14.04'
N 24" PIPE INV. = 11.50'
- ST-42**
15" M.E.S.
E 15" PIPE INV. = 12.50'
- ST-35**
PIPE END SUPPORT
S 24" PIPE INV. = 11.50'
- ST-43**
15" M.E.S.
W 15" PIPE INV. = 12.50'

PLAN VIEW STA 21+00 TO 26+50

SCALE: 1"=40'



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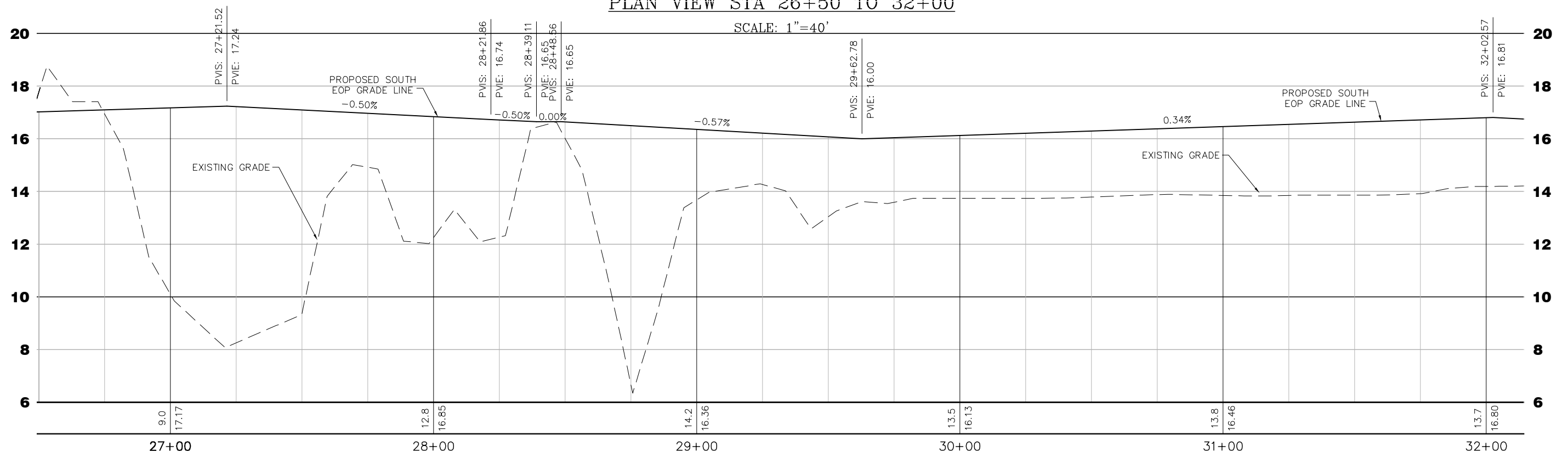
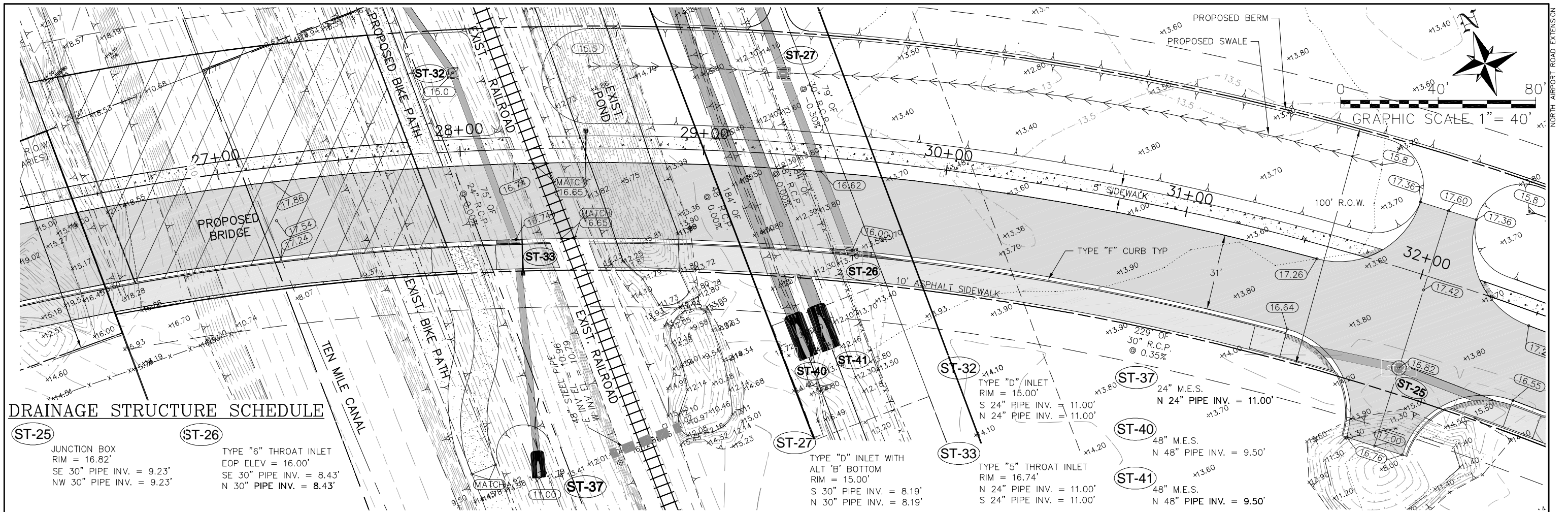
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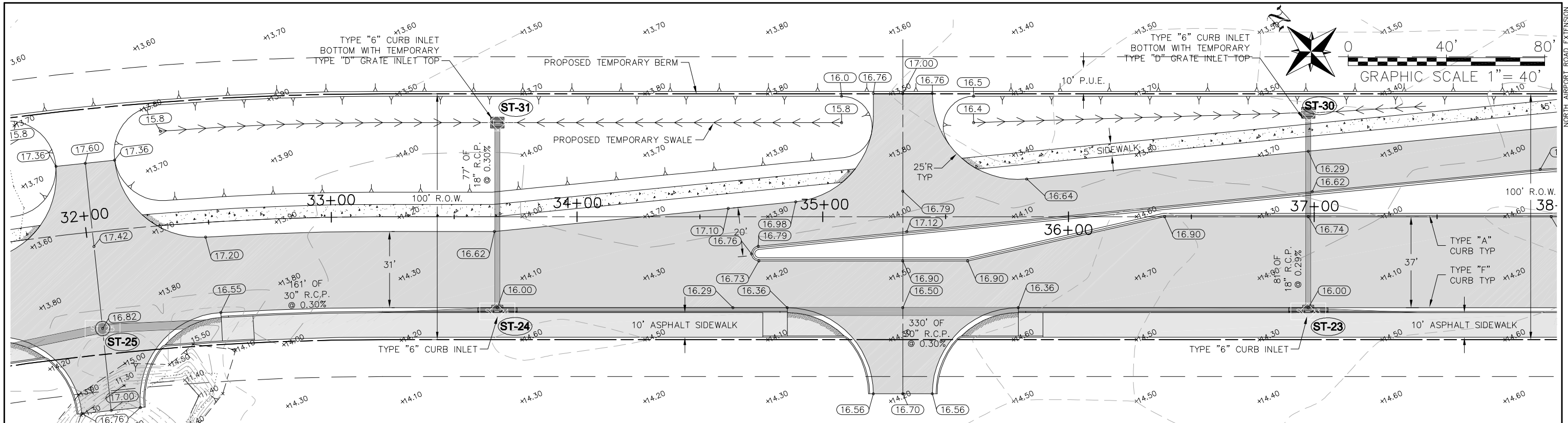
PLAN & PROFILE STA 21+00-26+50
NORTH AIRPORT ROAD EXTENSION
LEE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	9



S:\JOBS\22XX\2257A\ENGINEERING\DEV PLANS\2257A.PLAN PROFILE.DWG 10/17/2010 3:48 PM CRAIG CROTEAU

PREPARED FOR: HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION DESCRIPTION	BY													BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida 12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="5" style="text-align: center;">PLAN & PROFILE STA 26+50-32+00</td> </tr> <tr> <td colspan="5" style="text-align: center;">NORTH AIRPORT ROAD EXTENSION</td> </tr> <tr> <td colspan="5" style="text-align: center;">LEE COUNTY, FLORIDA</td> </tr> <tr> <td>DATE</td> <td>PROJECT</td> <td>DRAWING</td> <td>DESIGN</td> <td>DRAWN</td> </tr> <tr> <td>12-6-2010</td> <td>2257A</td> <td>_PP</td> <td>CDC</td> <td>CDC</td> </tr> <tr> <td>CHECKED</td> <td>SCALE</td> <td colspan="3">SHEET</td> </tr> <tr> <td>CWR</td> <td>1"=4' VERT 1"=40' HORZ</td> <td colspan="3">10</td> </tr> </table>	PLAN & PROFILE STA 26+50-32+00					NORTH AIRPORT ROAD EXTENSION					LEE COUNTY, FLORIDA					DATE	PROJECT	DRAWING	DESIGN	DRAWN	12-6-2010	2257A	_PP	CDC	CDC	CHECKED	SCALE	SHEET			CWR	1"=4' VERT 1"=40' HORZ	10		
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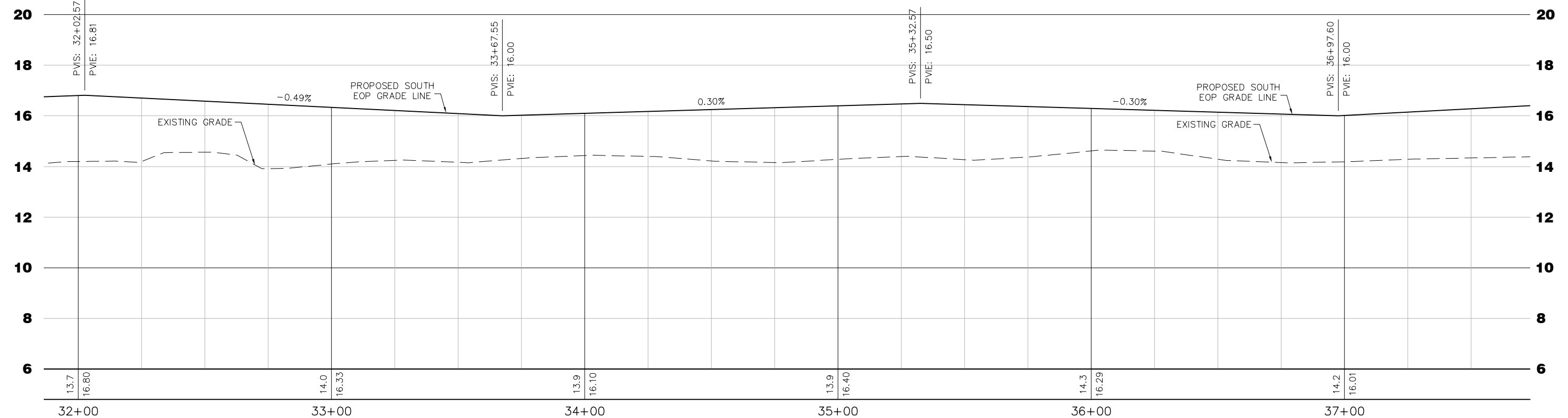


DRAINAGE STRUCTURE SCHEDULE

PLAN VIEW STA 32+00 TO 37+50

SCALE: 1"=40'

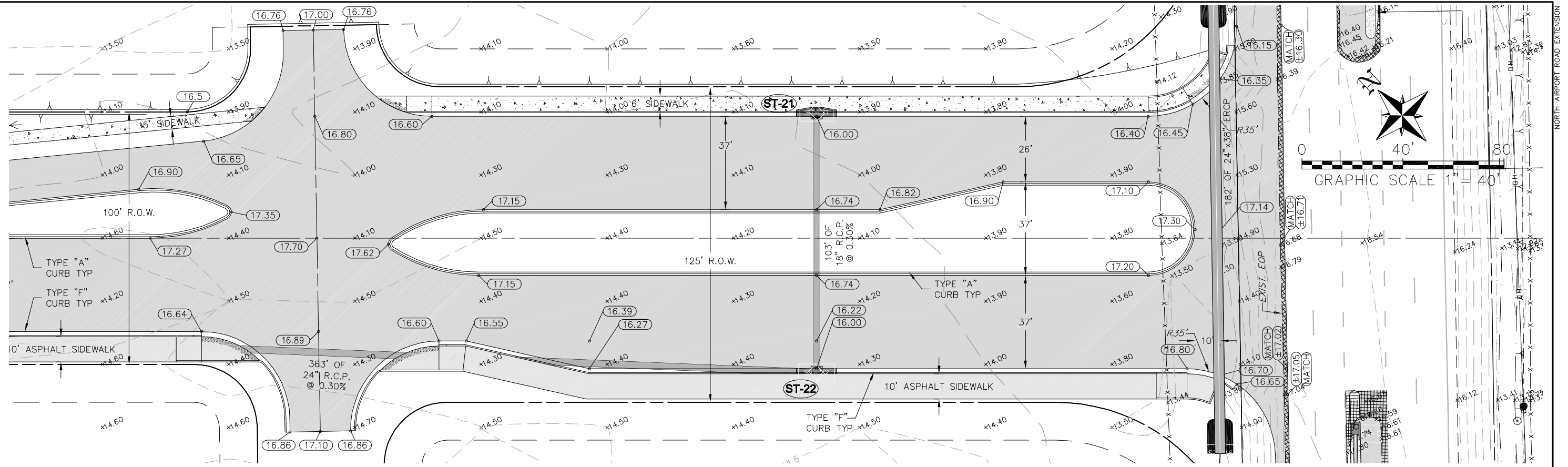
ST-23	ST-24	ST-25	ST-30	ST-31
TYPE "6" THROAT INLET EOP ELEV = 16.00' SE 24" PIPE INV. = 10.21' NW 30" PIPE INV. = 10.70' NE 18" PIPE INV. = 11.57'	TYPE "6" THROAT INLET EOP ELEV = 16.00' SE 30" PIPE INV. = 9.71' NW 30" PIPE INV. = 9.71' NE 18" PIPE INV. = 11.57'	JUNCTION BOX RIM = 16.82' SE 30" PIPE INV. = 9.23' NW 30" PIPE INV. = 9.23'	TYPE "D" INLET WITH ALT 'B' BOTTOM RIM = 16.00' SW 18" PIPE INV. = 11.80'	TYPE "D" INLET WITH ALT 'B' BOTTOM RIM = 15.00' SW 18" PIPE INV. = 11.80'



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PREPARED FOR: HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION DESCRIPTION	BY													BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida <small>12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM</small>	PLAN & PROFILE STA 32+00-37+50 NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>PROJECT</th> <th>DRAWING</th> <th>DESIGN</th> <th>DRAWN</th> <th>CHECKED</th> <th>SCALE</th> <th>SHEET</th> </tr> <tr> <td>12-6-2010</td> <td>2257A</td> <td>_PP</td> <td>CDC</td> <td>CDC</td> <td>CWR</td> <td>1"=4' VERT 1"=40' HORZ</td> <td>11</td> </tr> </table>	DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET	12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	11
NO.	DATE	REVISION DESCRIPTION	BY																																
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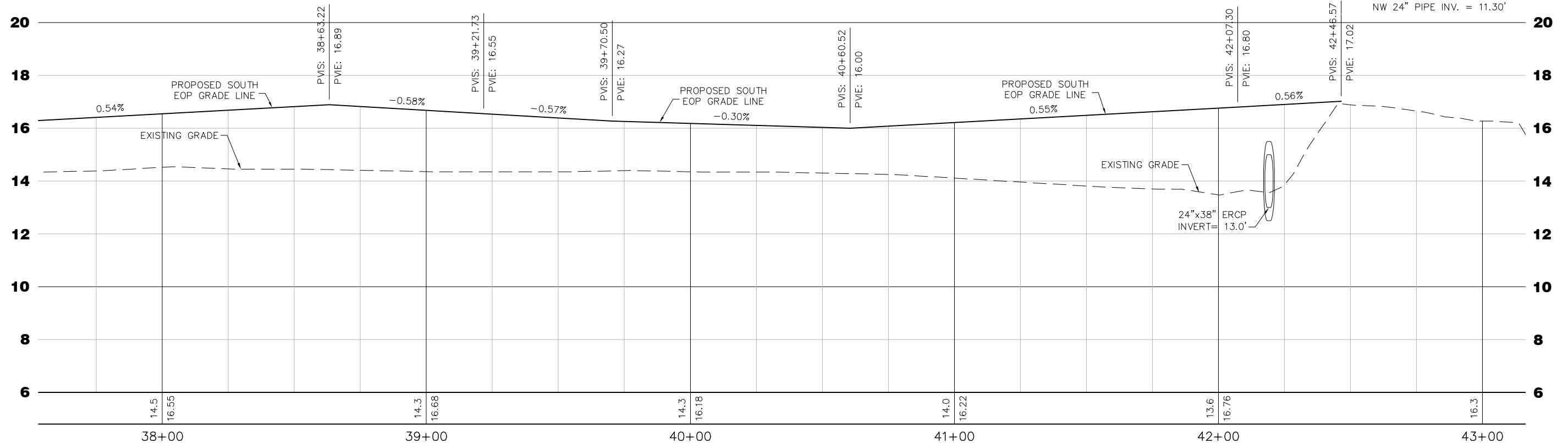


PLAN VIEW STA 37+50 TO 43+00

SCALE: 1"=40'

DRAINAGE STRUCTURE SCHEDULE

Structure	Type	EOP Elev	SW Pipe Inv.	NE Pipe Inv.	NW Pipe Inv.
ST-21	TYPE "6" THROAT INLET	16.00'	11.80'	-	-
ST-22	TYPE "6" THROAT INLET	16.00'	11.49'	11.30'	-



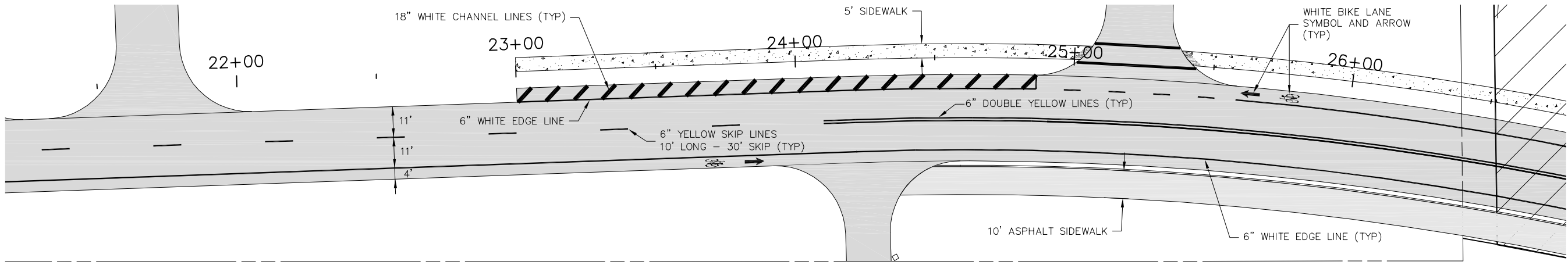
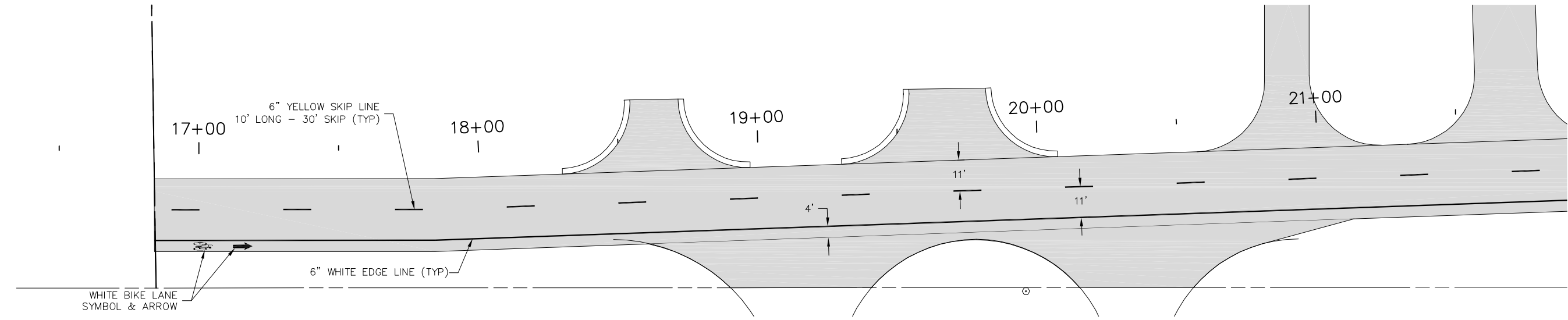
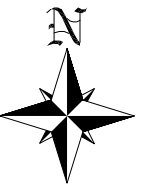
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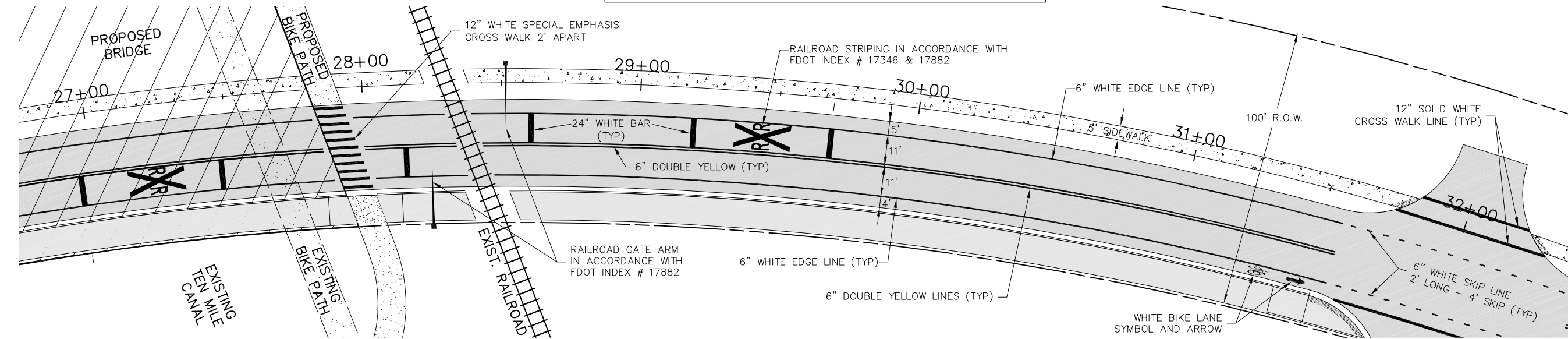
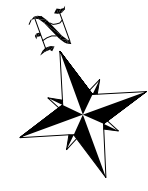
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PLAN & PROFILE STA 37+50-43+00						NORTH AIRPORT ROAD EXTENSION		LEE COUNTY, FLORIDA	
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12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	12		

NORTH AIRPORT ROAD EXTENSION



REFER TO FDOT INDEX # 17352 FOR PLACEMENT, COLOR & STYLE OF LANE RPM'S (REFLECTIVE PAVEMENT MARKERS)



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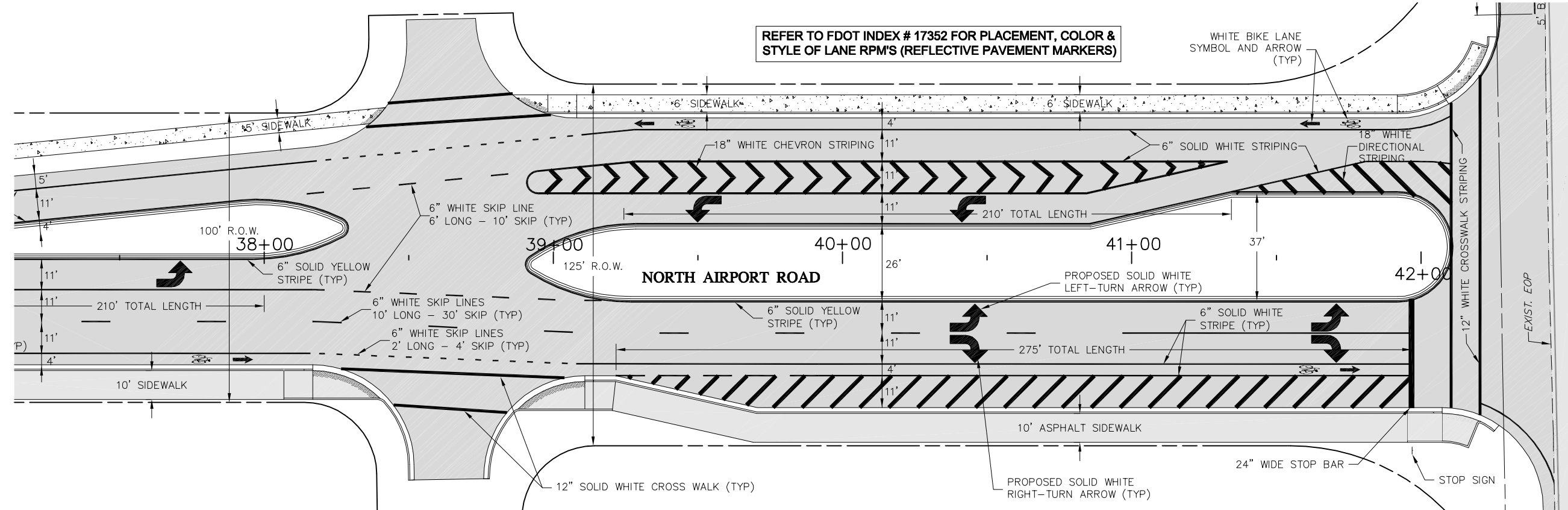
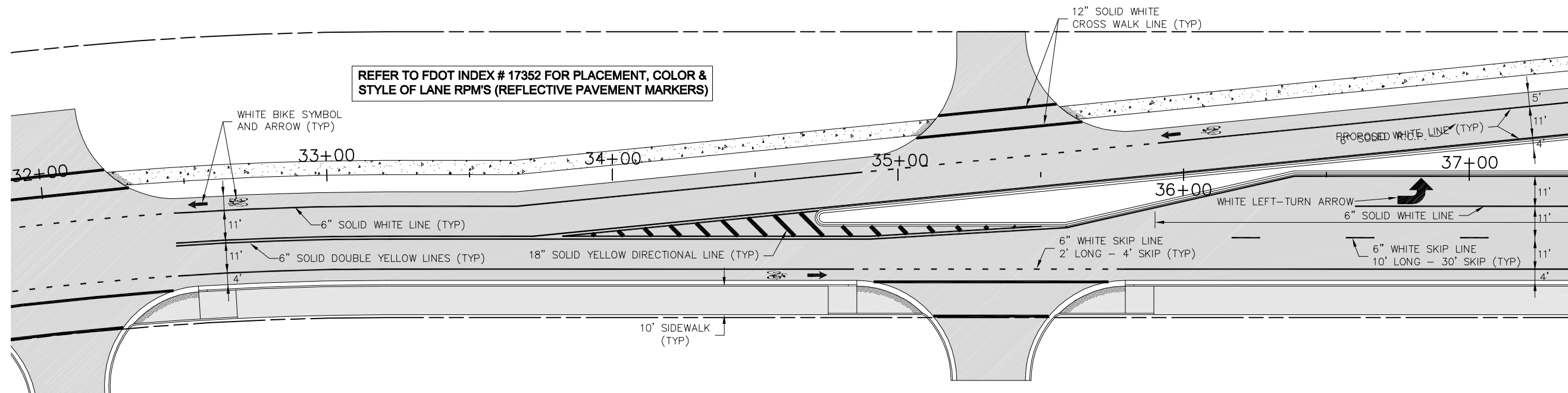
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 LICENSE # 70173

STRIPING & SIGNAGE PLAN						NORTH AIRPORT ROAD EXTENSION		LEE COUNTY, FLORIDA	
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	13		



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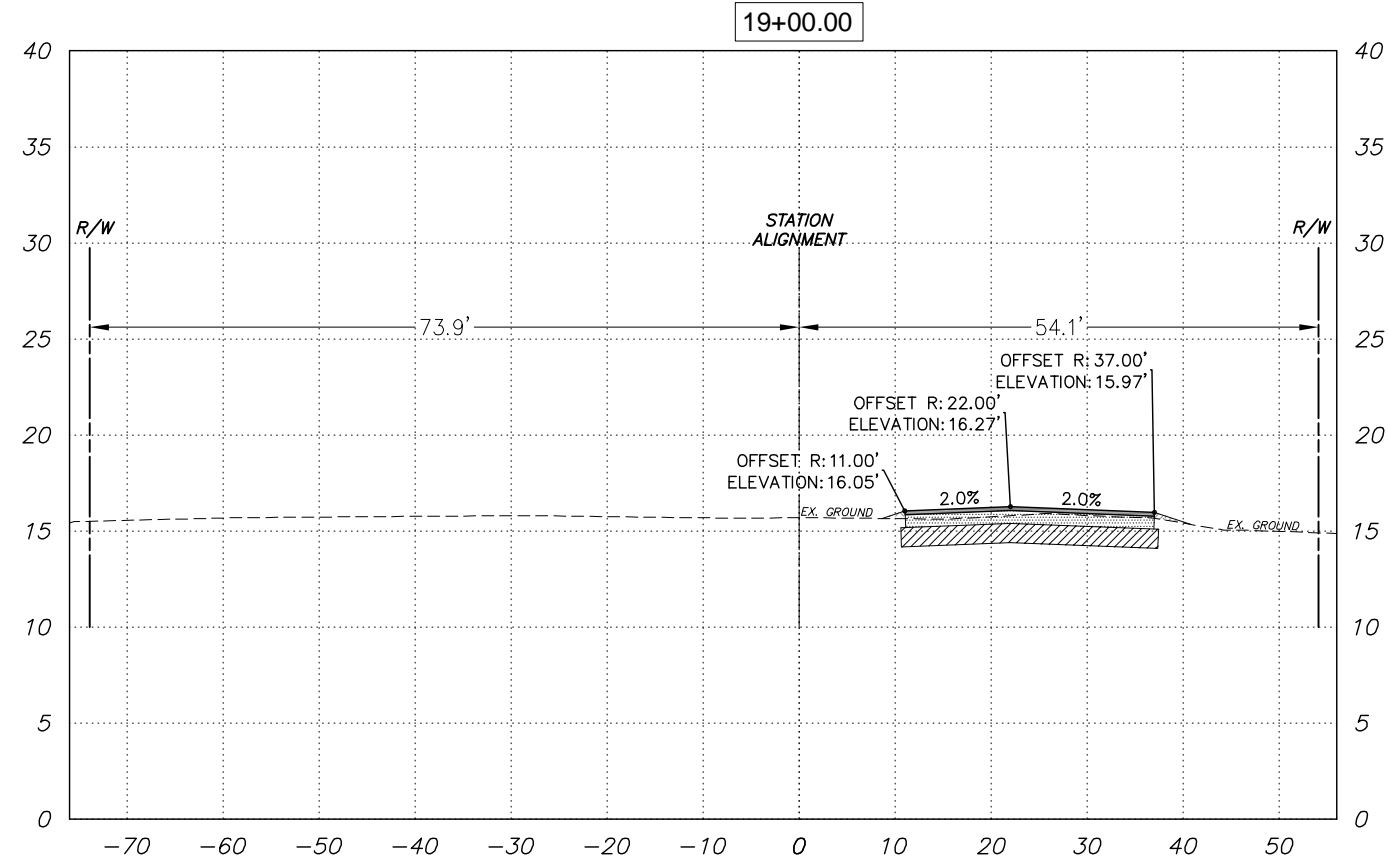
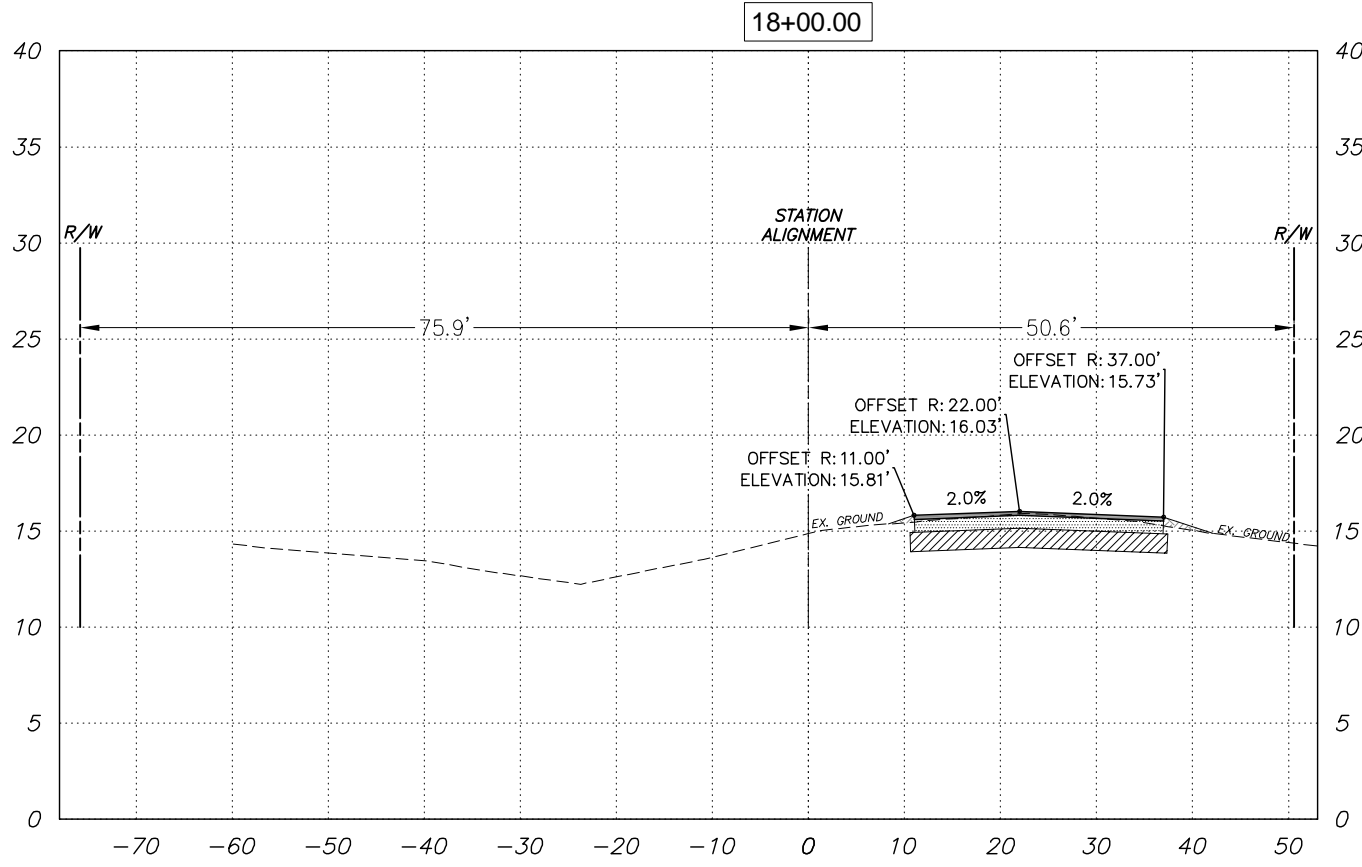
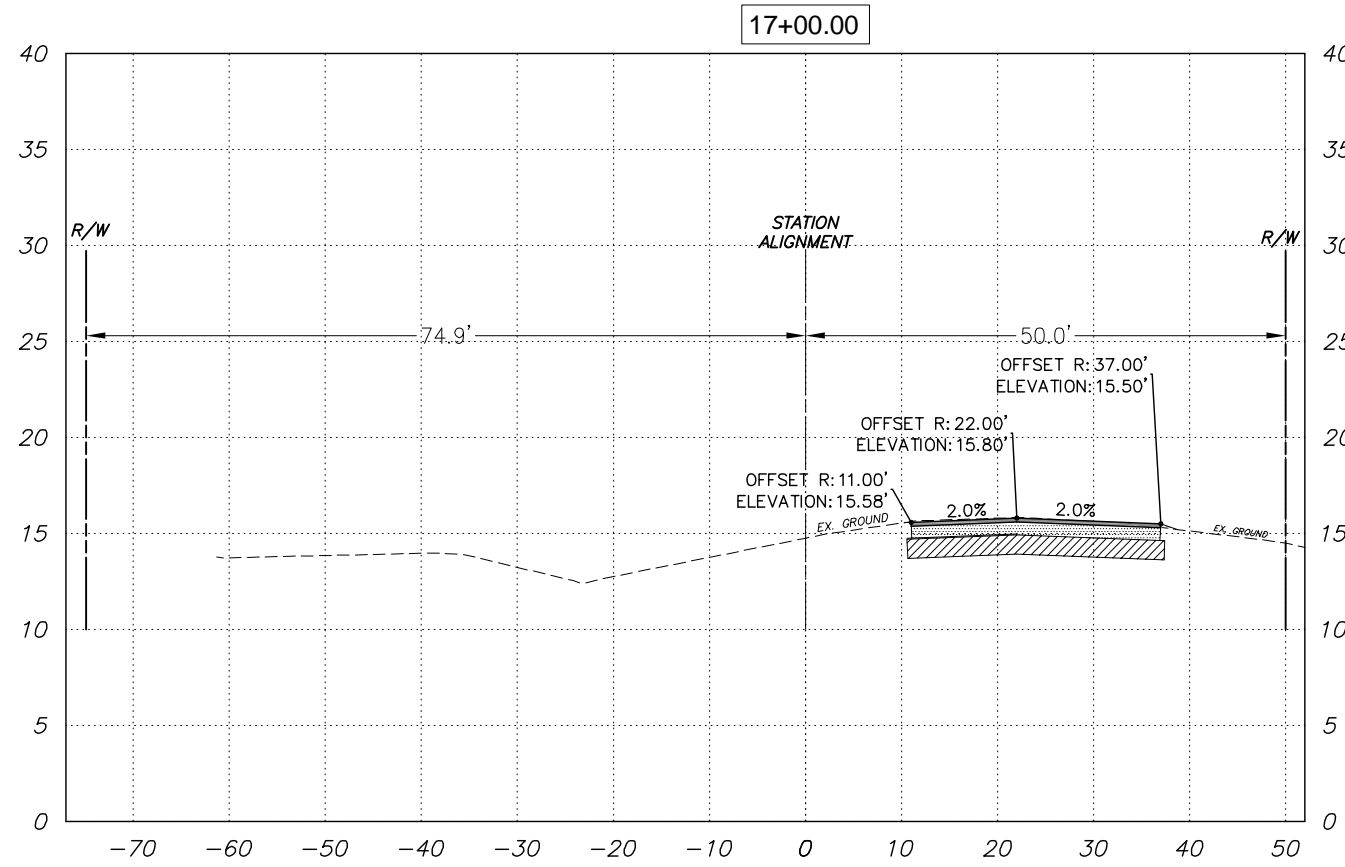
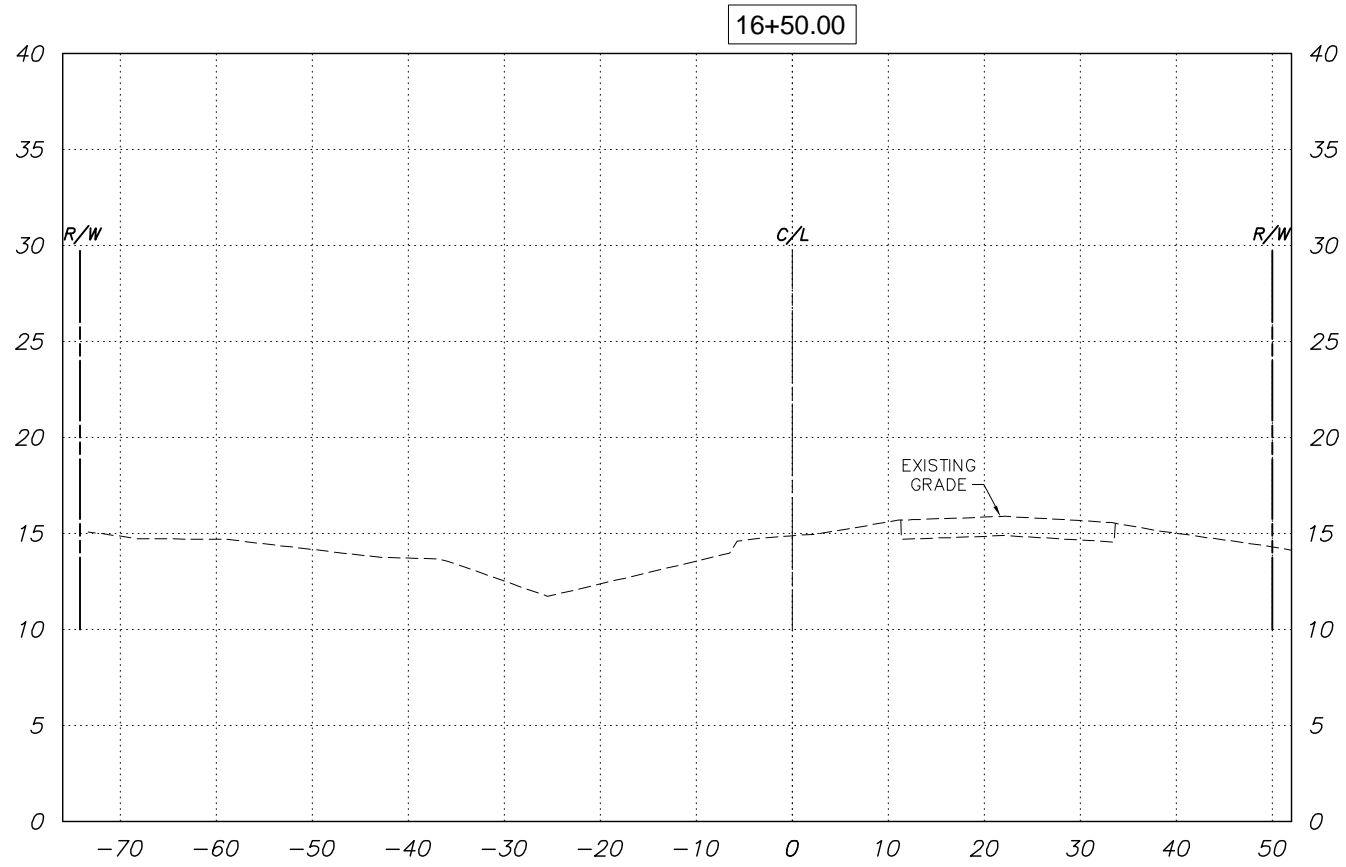
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DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET			
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=4' VERT 1"=40' HORZ	14			



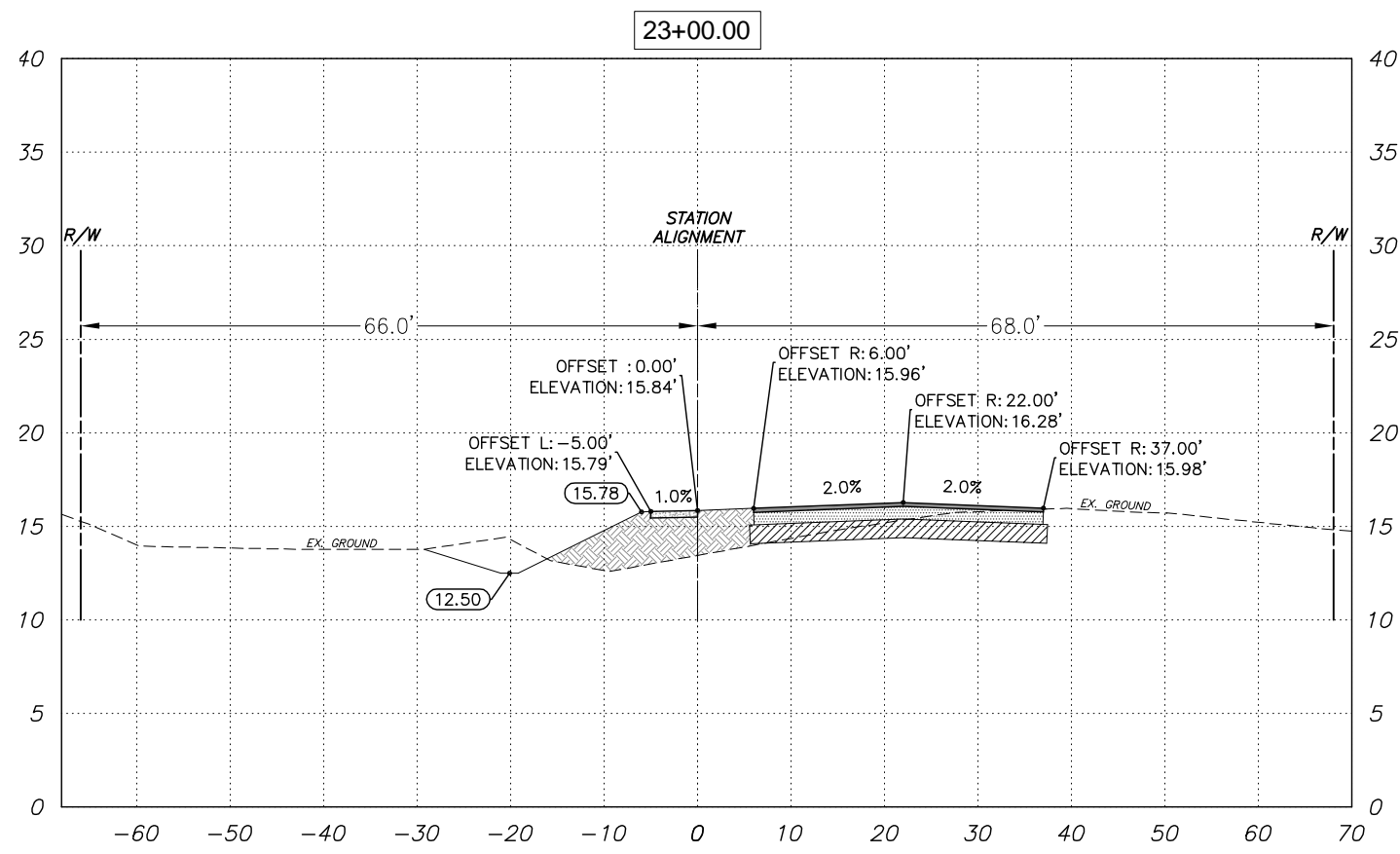
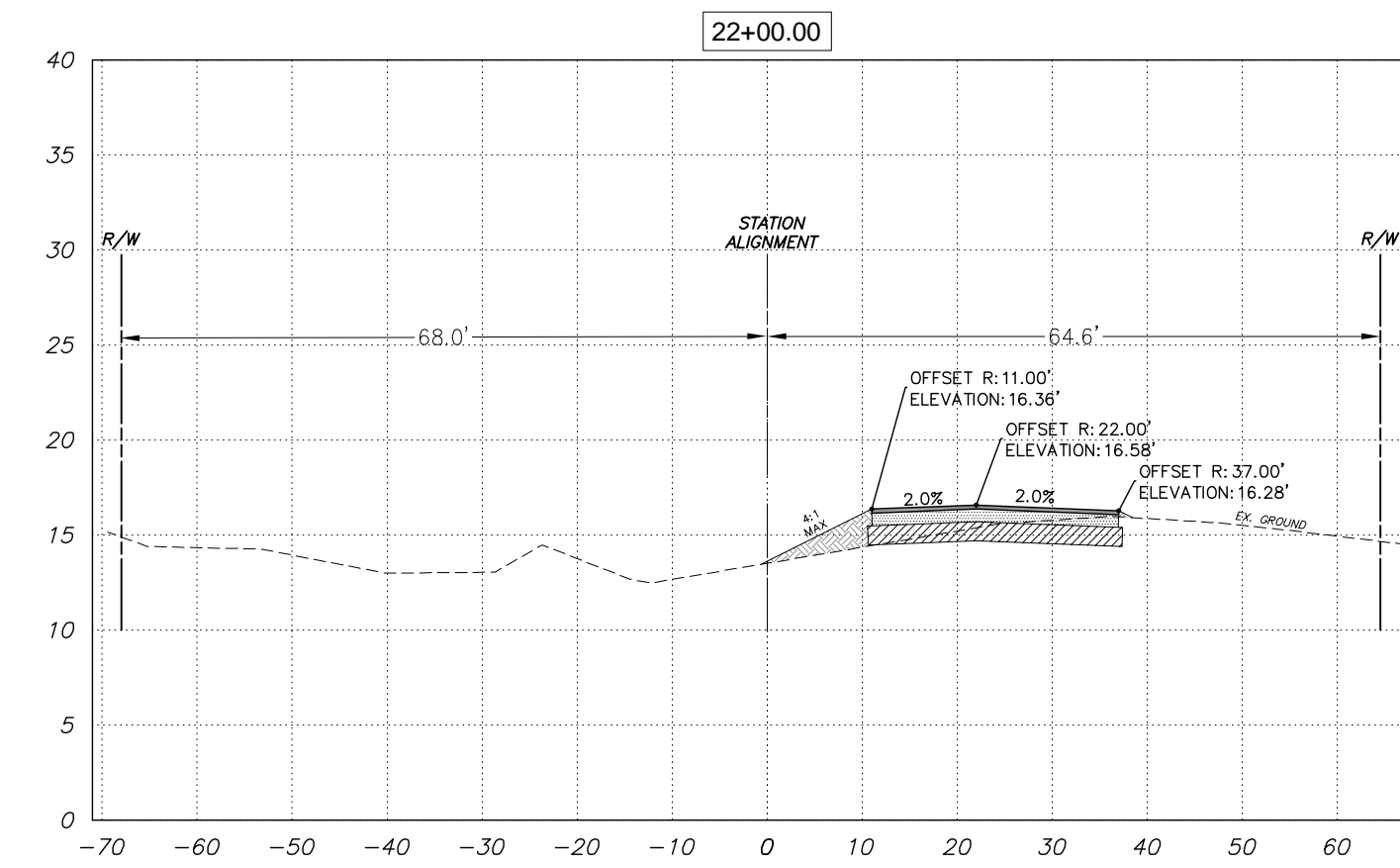
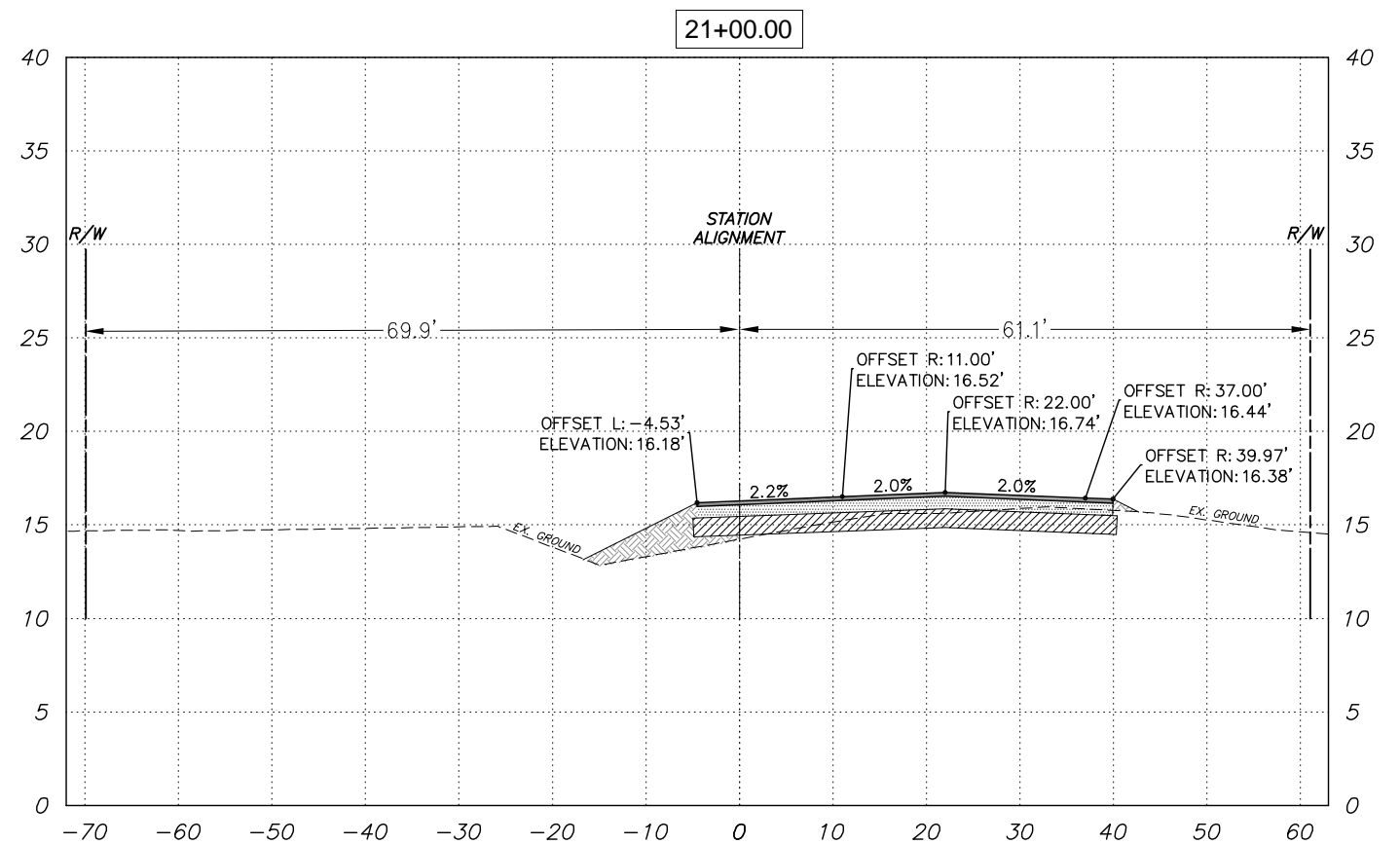
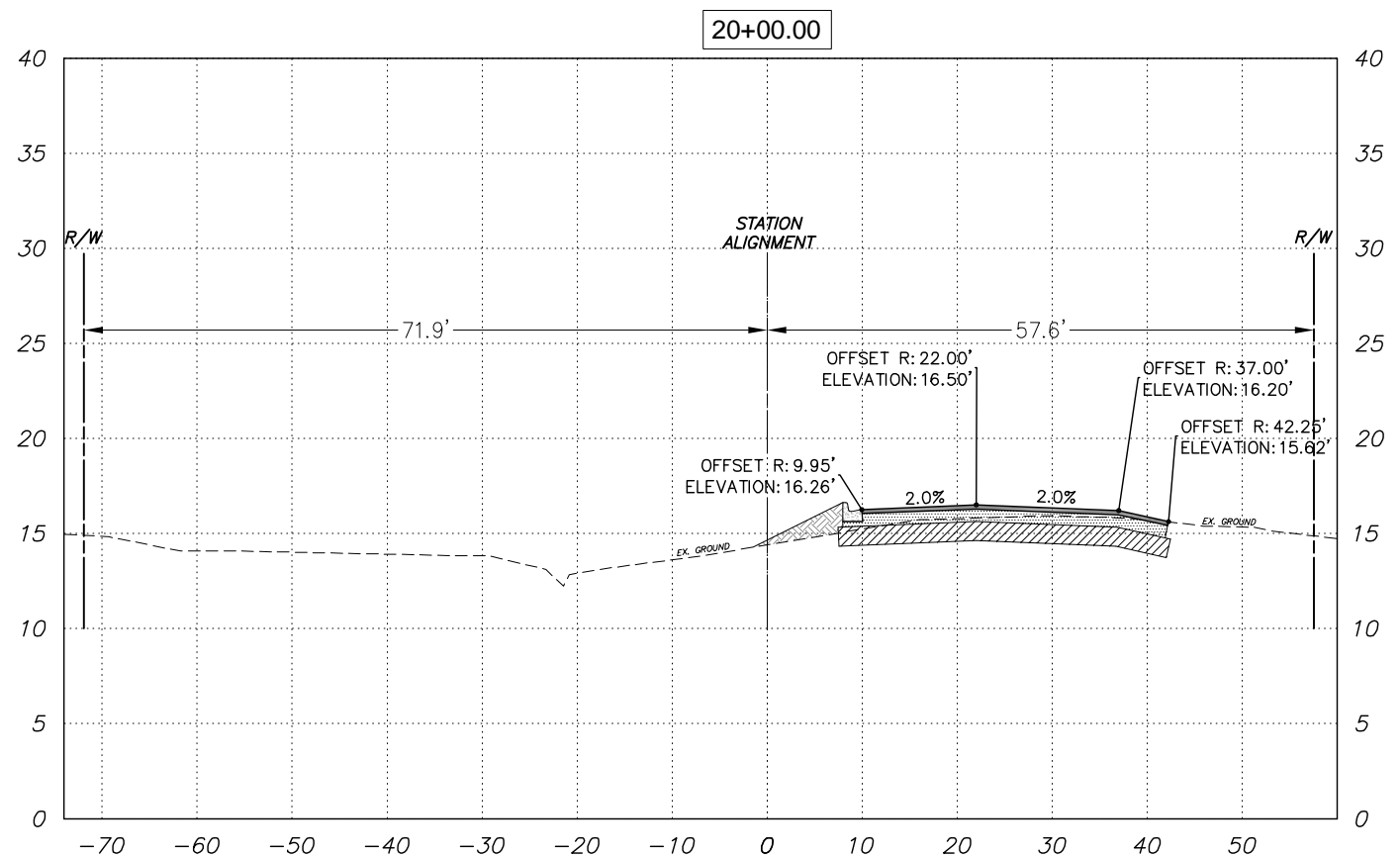
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CROSS SECTIONS 16+50 - 19+00							SCALE 1" = 10' VERT 1" = 20' HORZ	SHEET 15
NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA								
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	CHECKED		
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR			

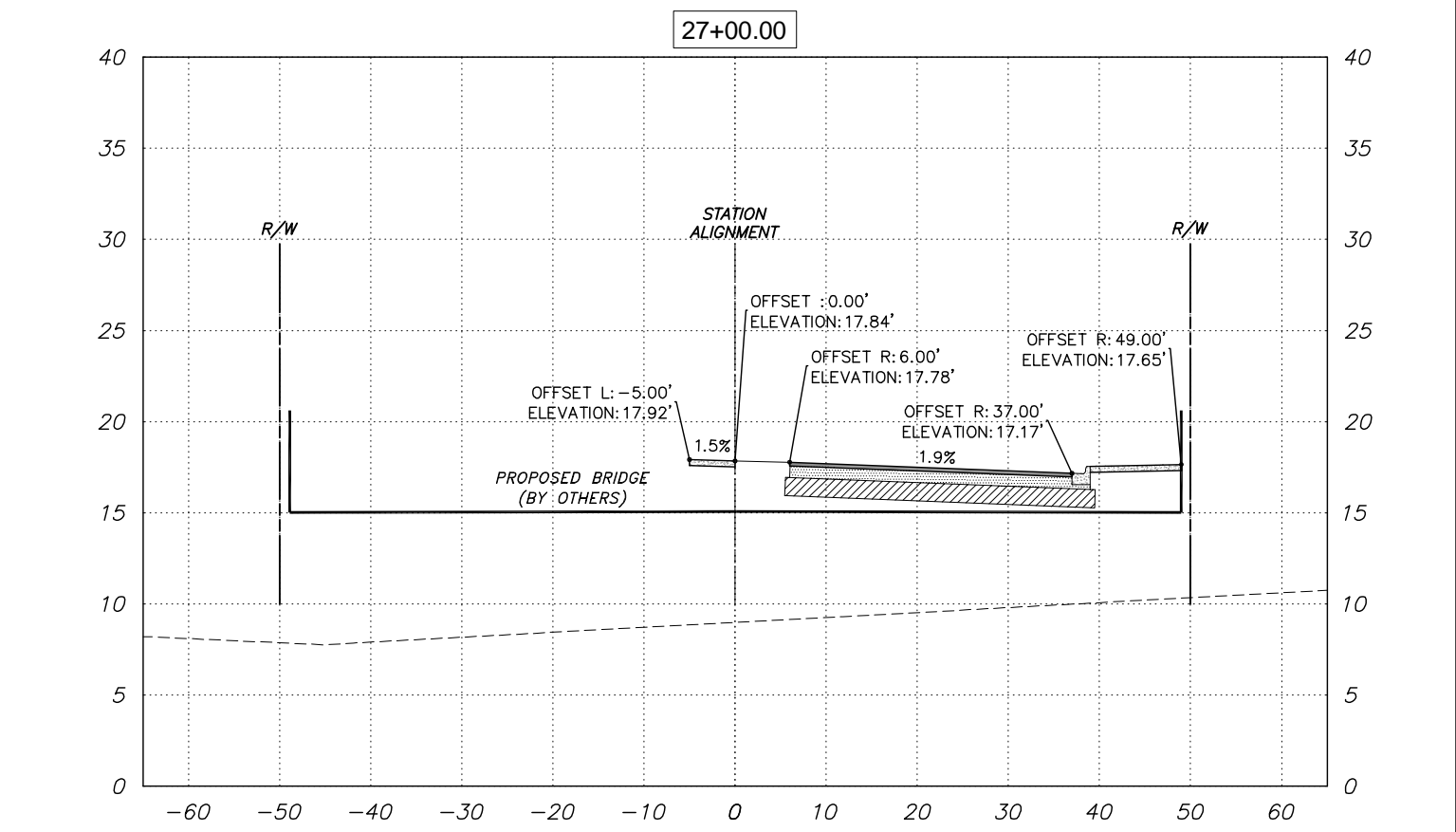
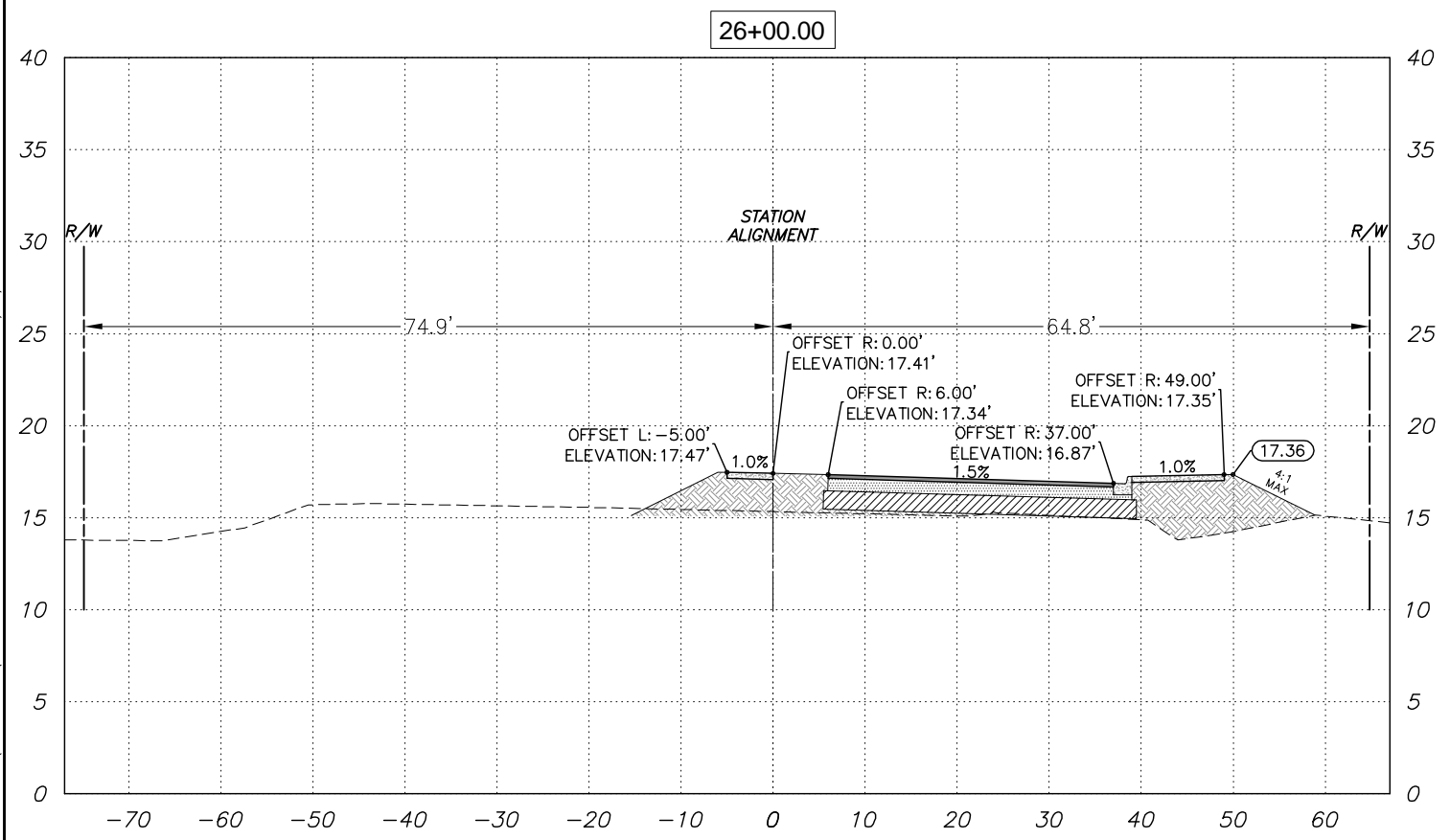
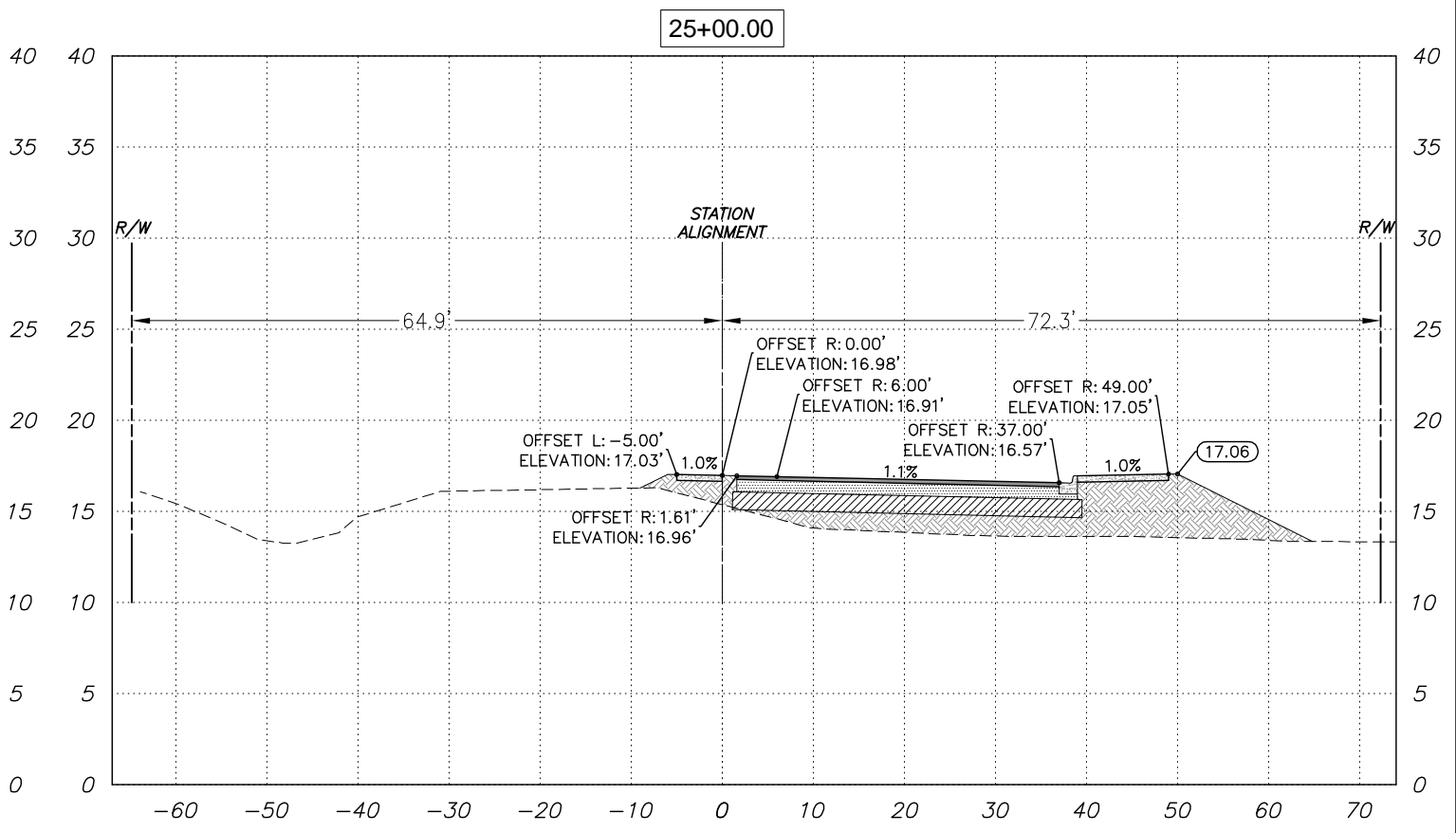
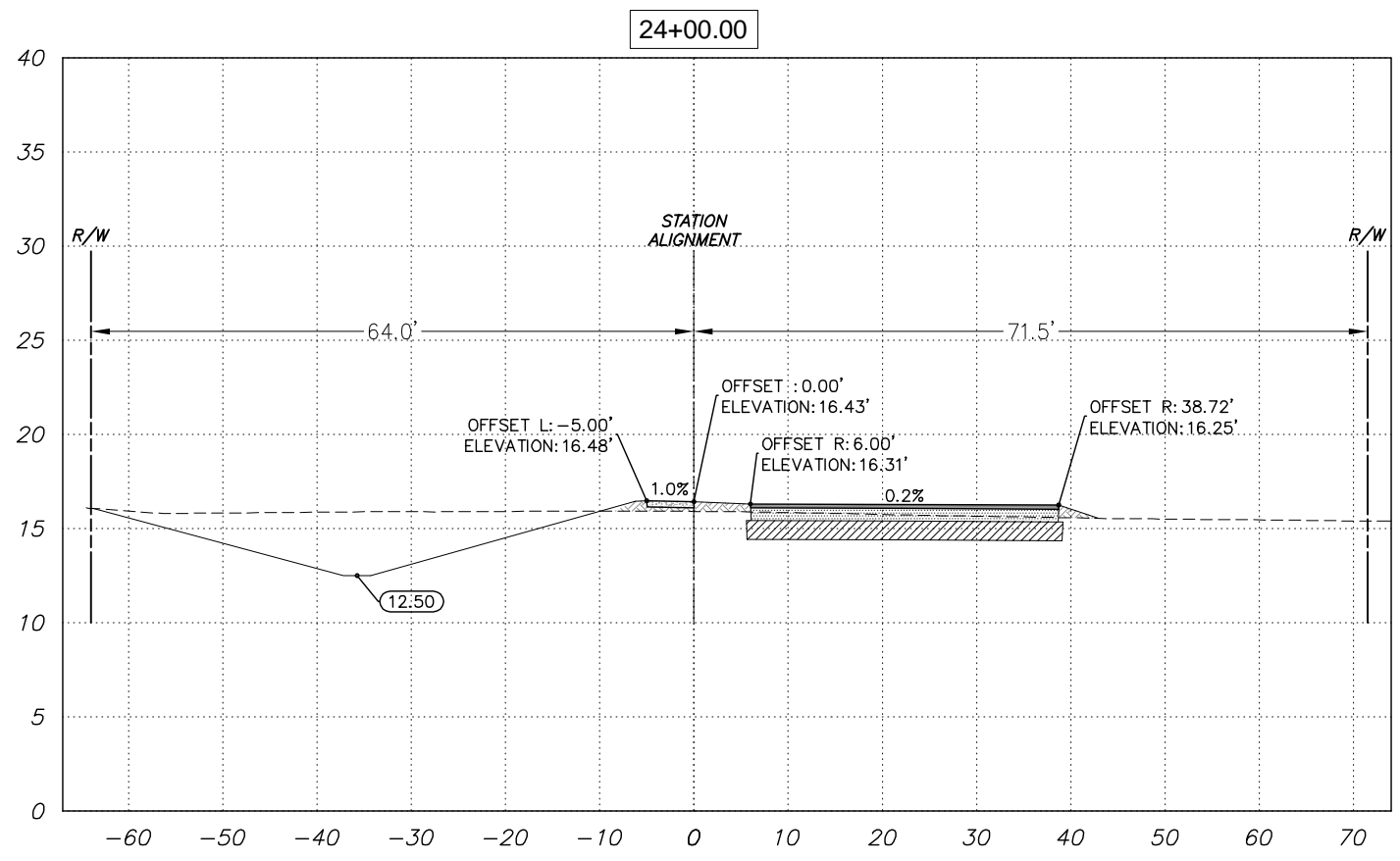


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CROSS SECTIONS 20+00 - 23+00						SCALE 1" = 10' VERT 1" = 20' HORZ		SHEET 16
NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA						DATE 12-6-2010	PROJECT 2257A	DRAWING _SECTIONS
DESIGN CDC	DRAWN CDC	CHECKED CWR	DATE	PROJECT	DRAWING	SCALE	SHEET	

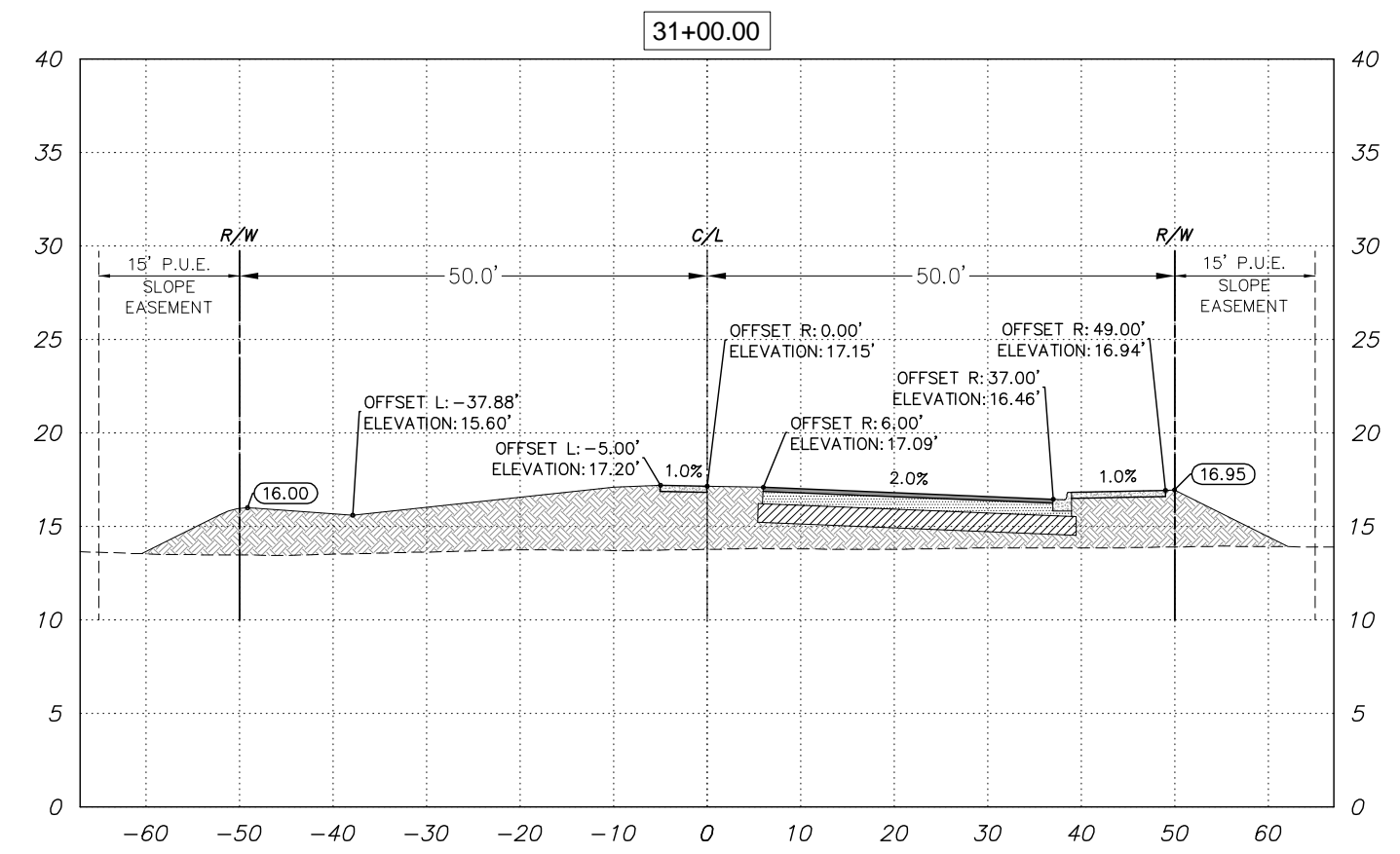
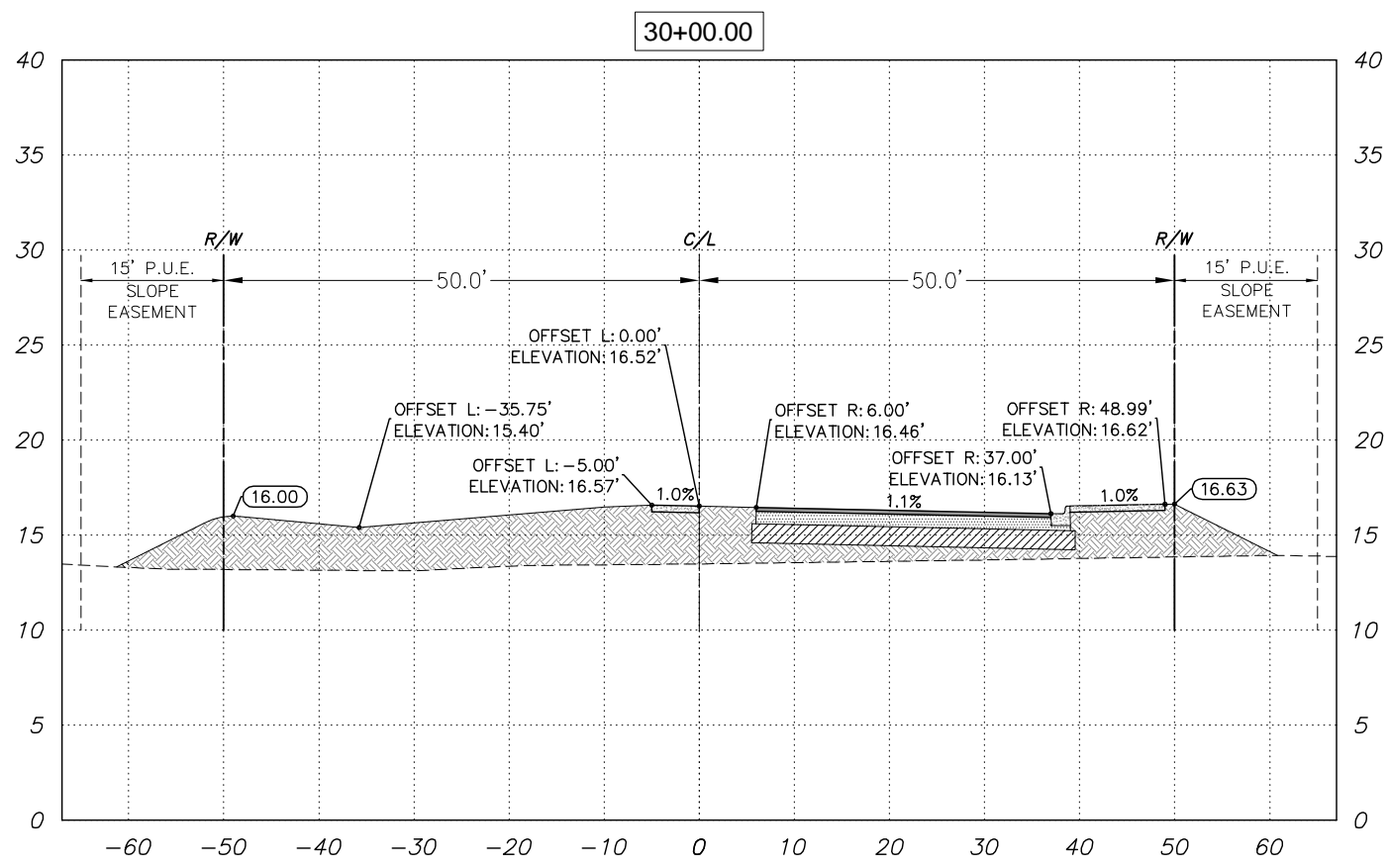
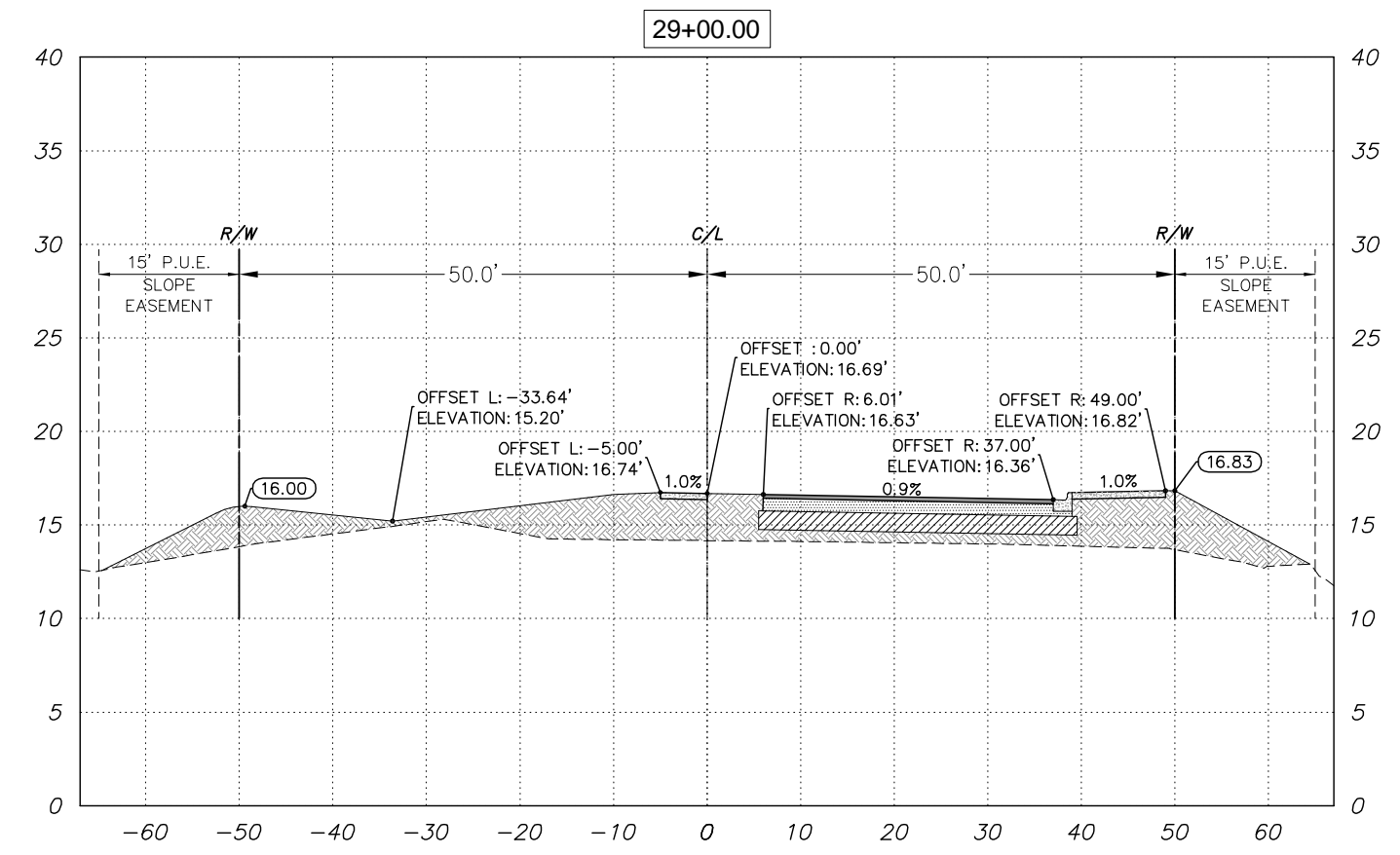
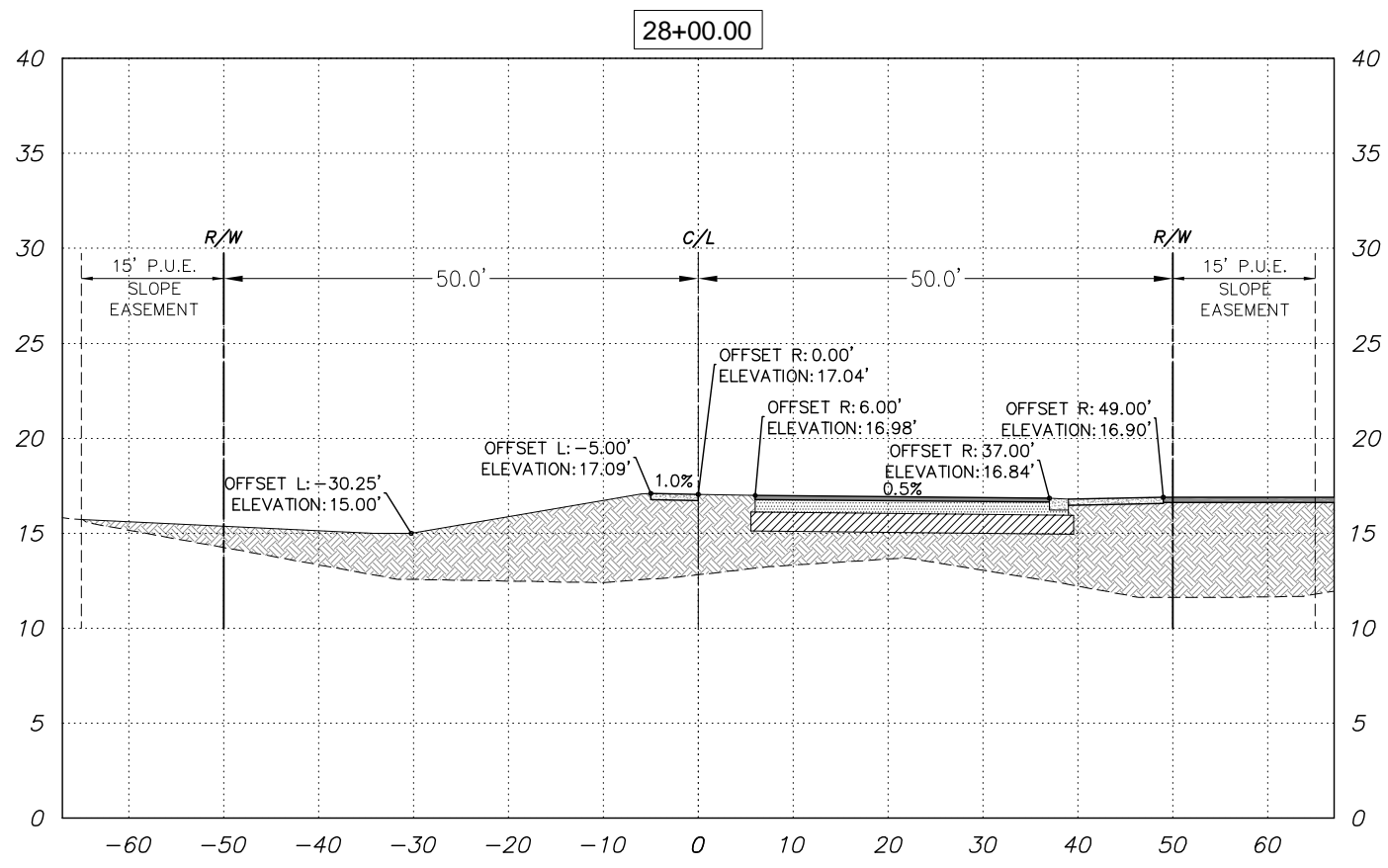


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CROSS SECTIONS 24+00 - 27+00						
NORTH AIRPORT ROAD EXTENSION						
LEE COUNTY, FLORIDA						
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=10' VERT 1"=20' HORIZ
CLAYTON W. REBOL, P.E. LICENSE # 70173						SHEET 17

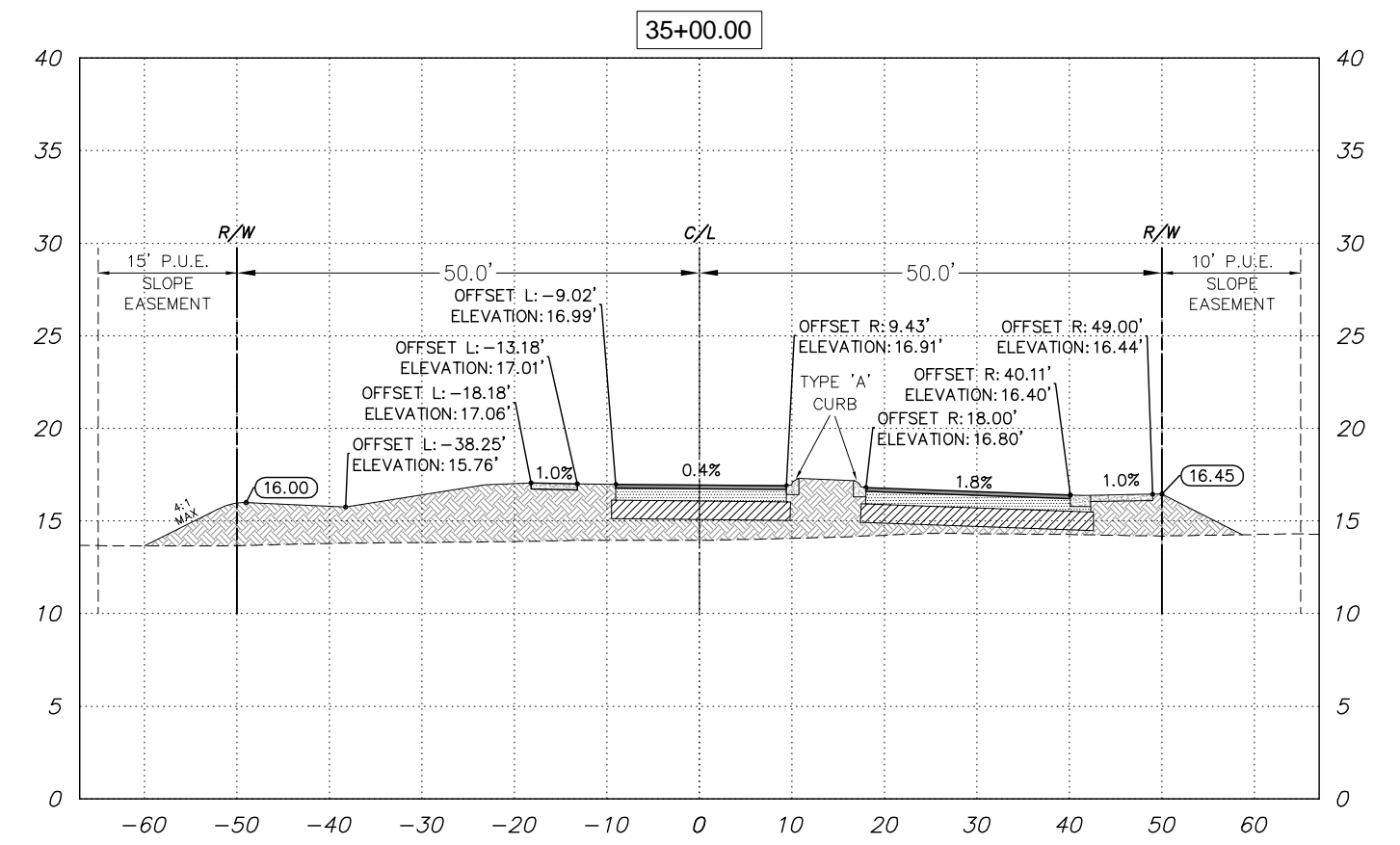
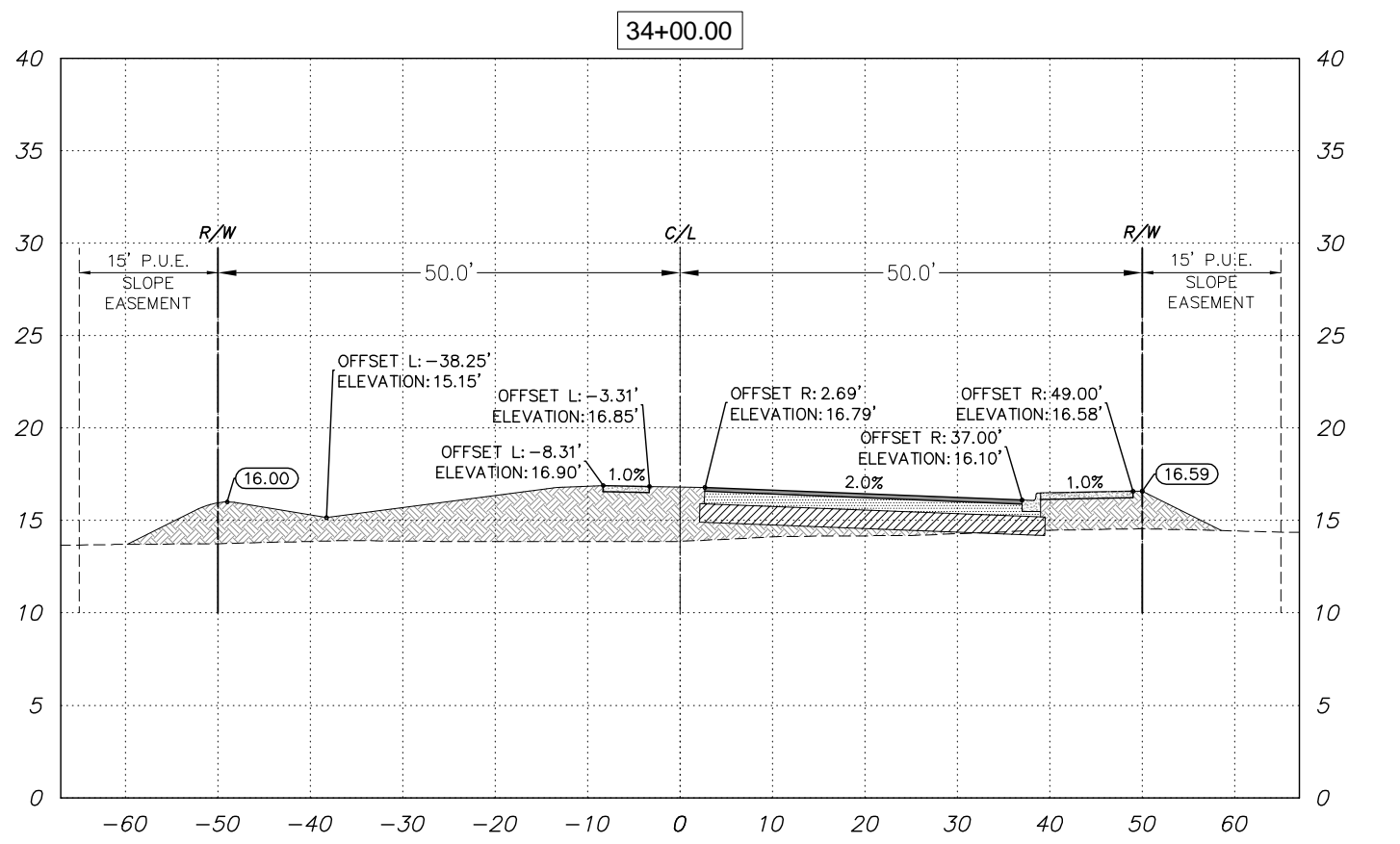
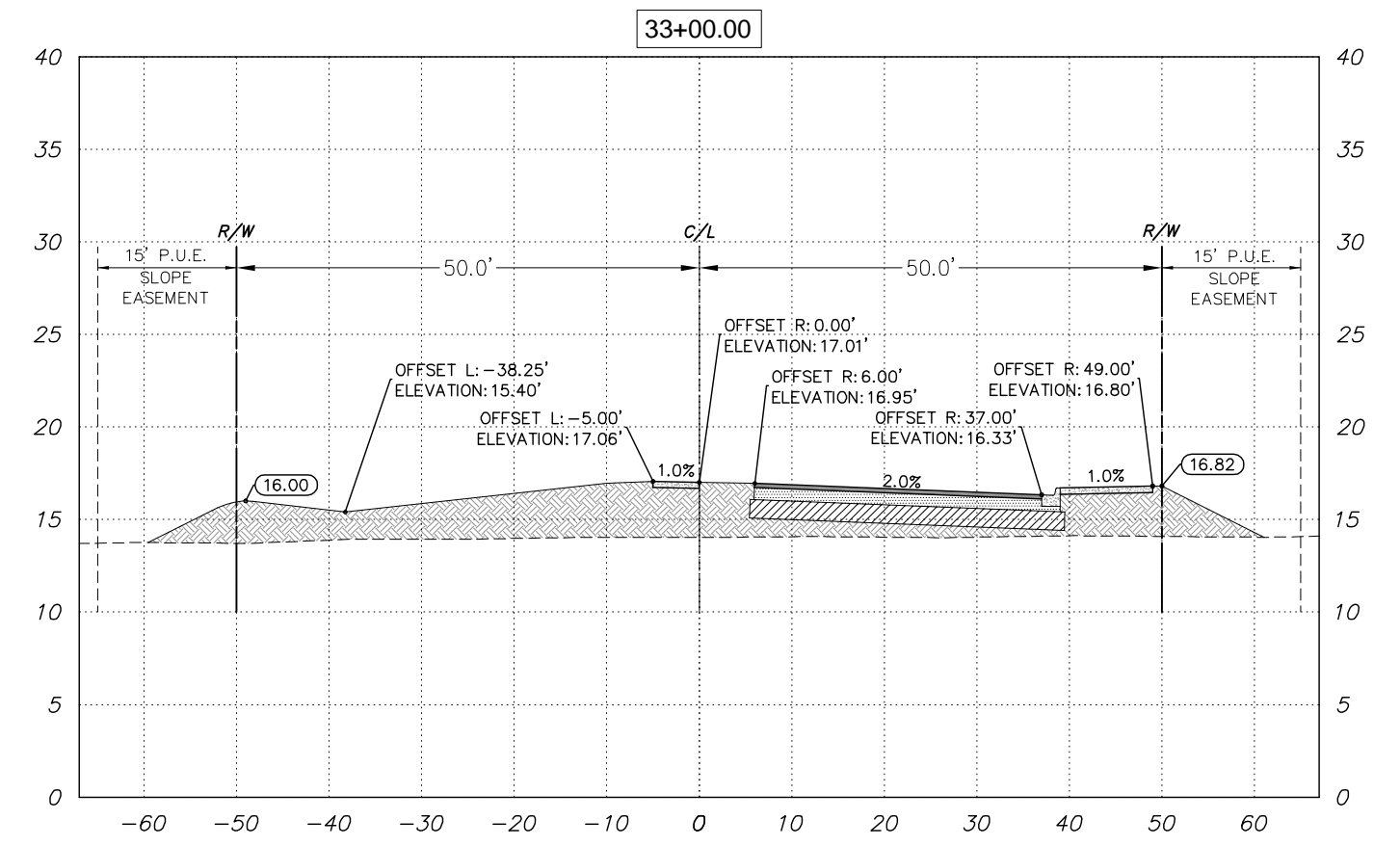
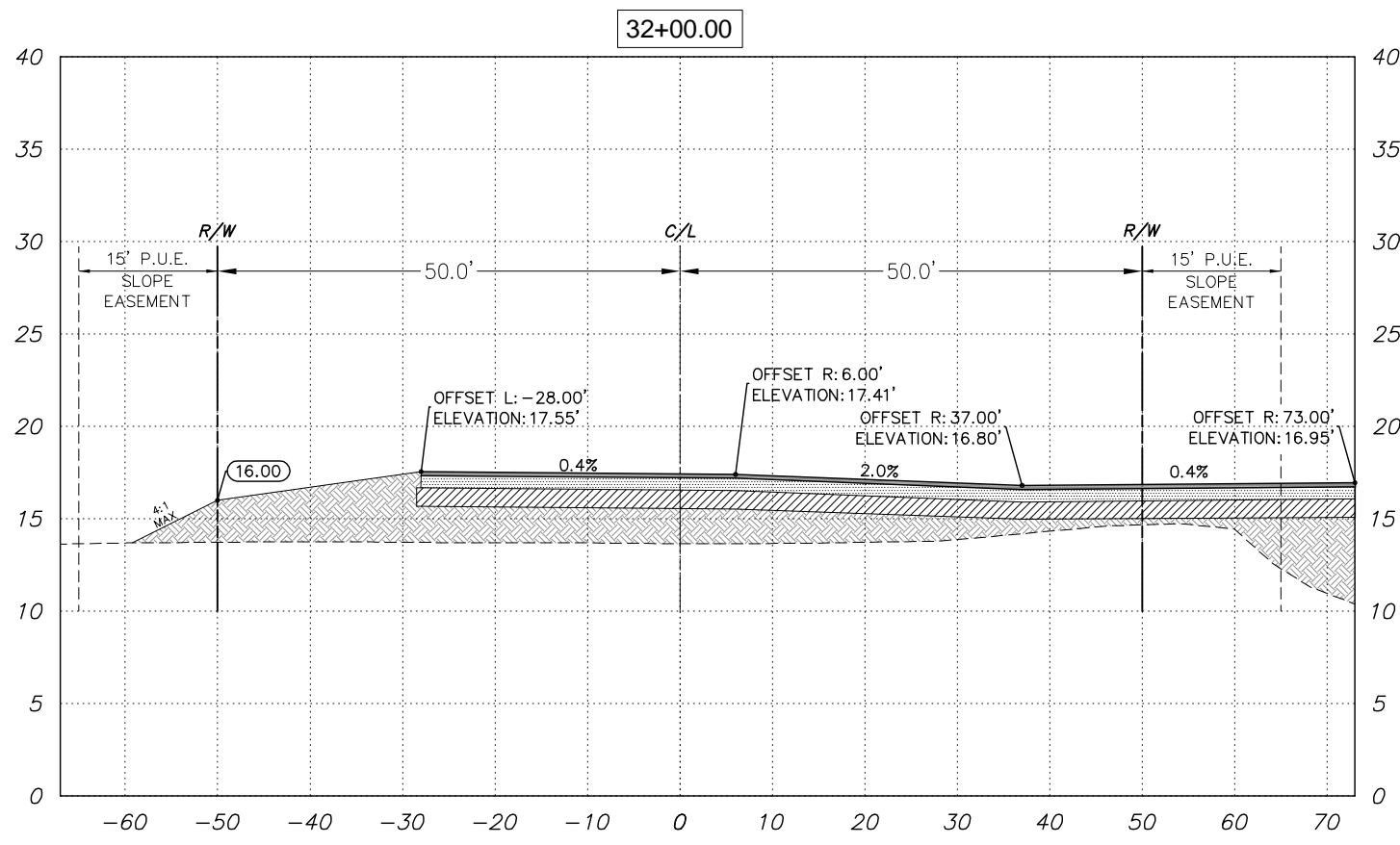


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CROSS SECTIONS 28+00 - 31+00						
NORTH AIRPORT ROAD EXTENSION						
LEE COUNTY, FLORIDA						
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=10' VERT 1"=20' HORZ
						SHEET
						18

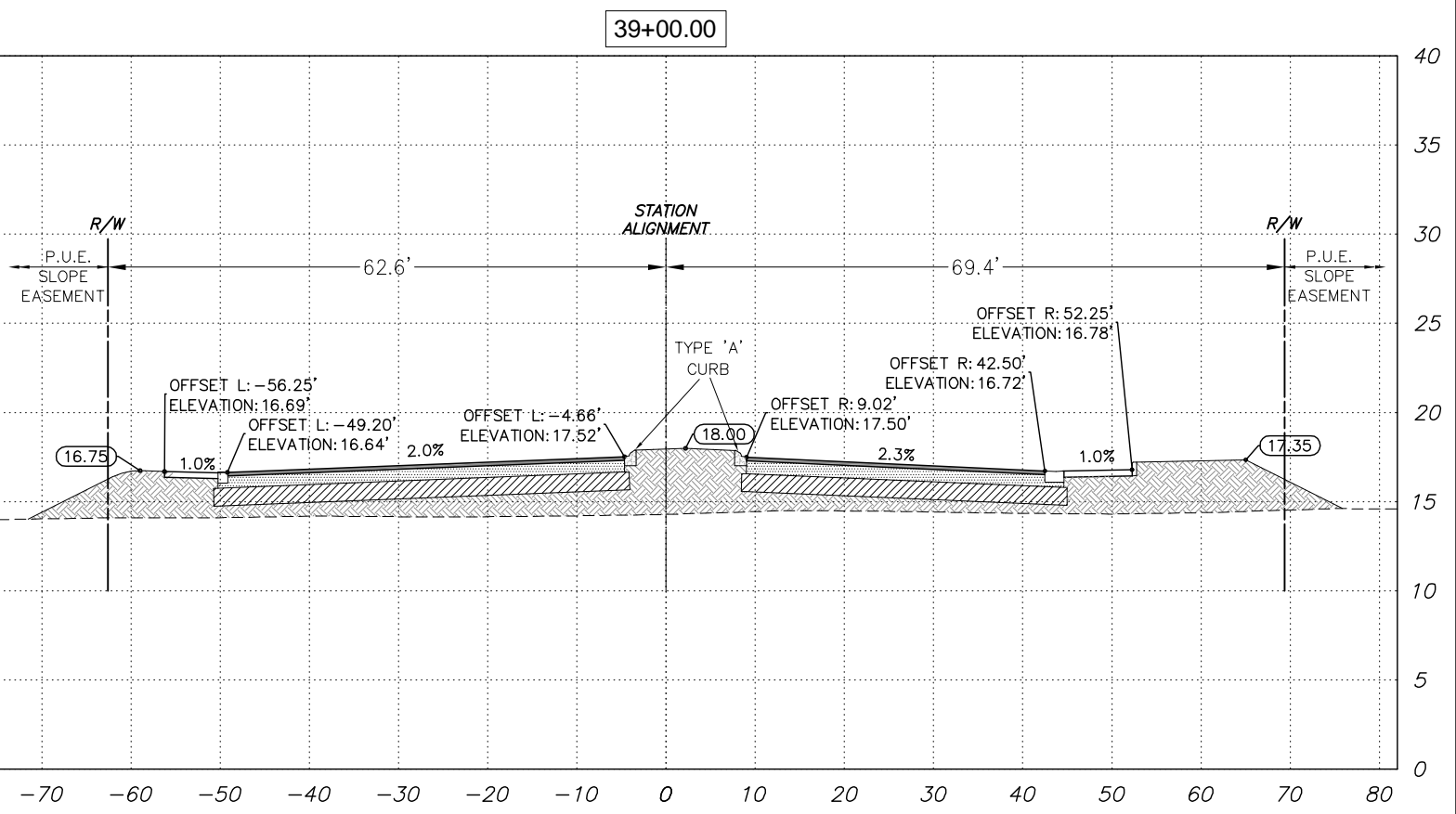
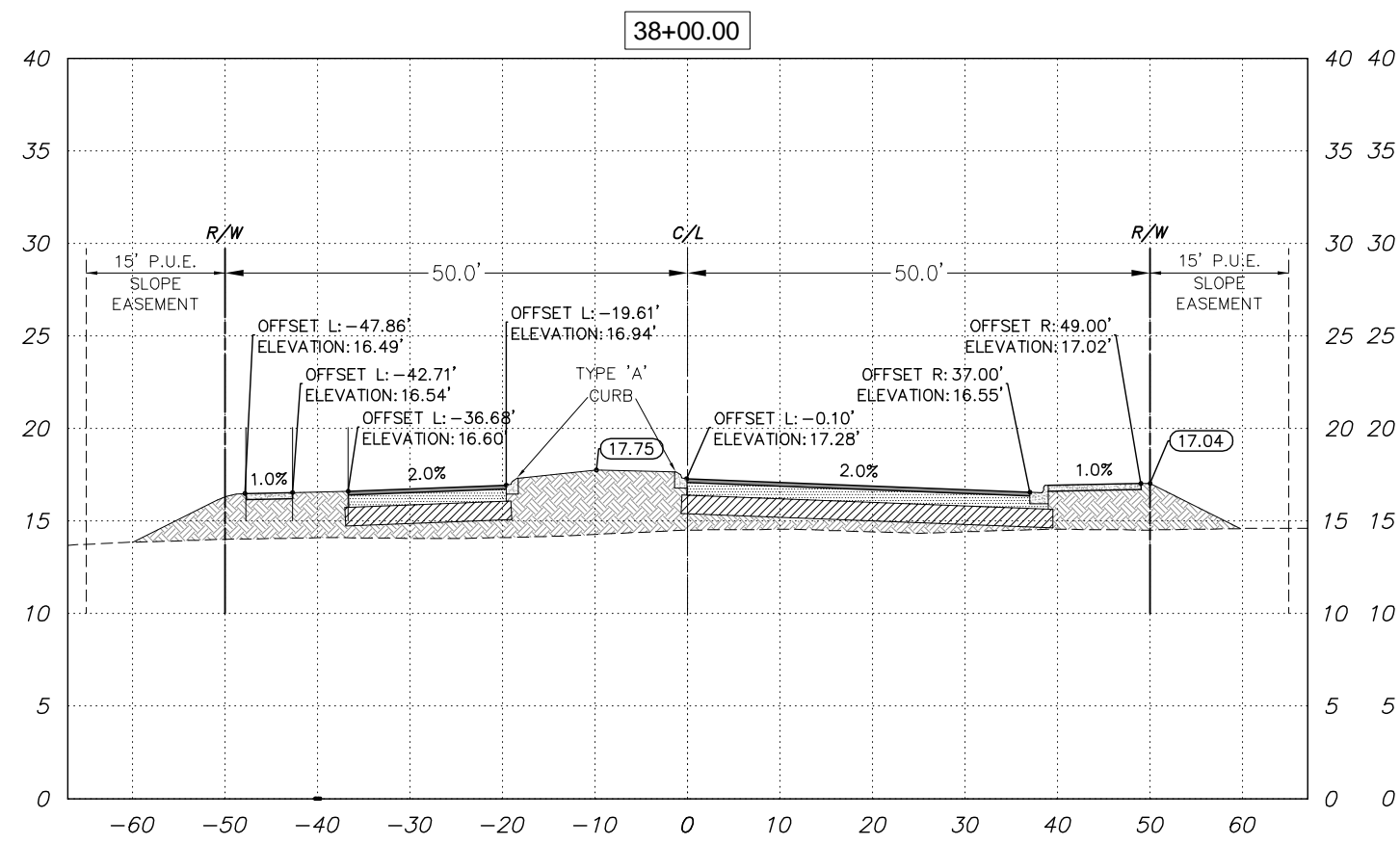
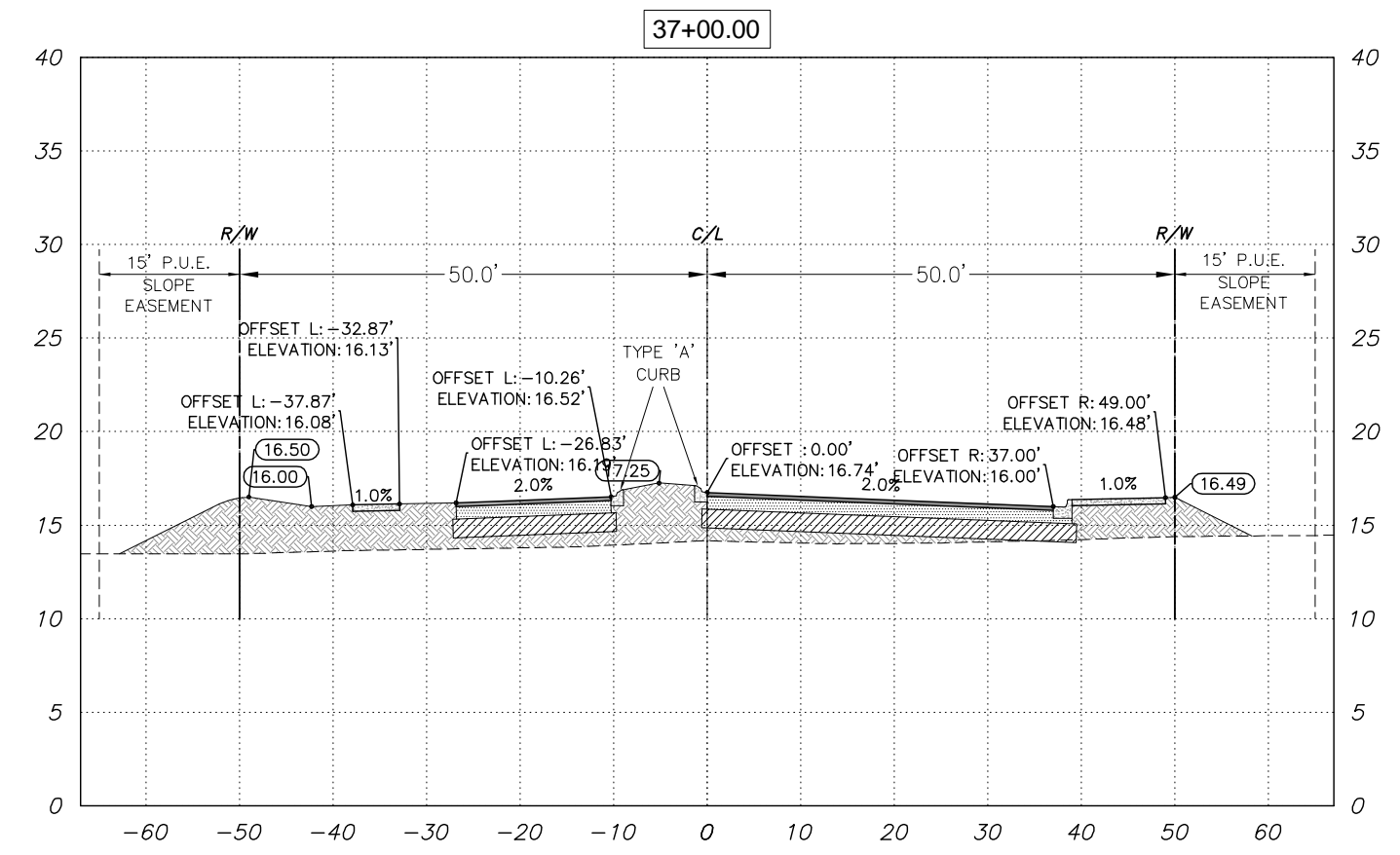
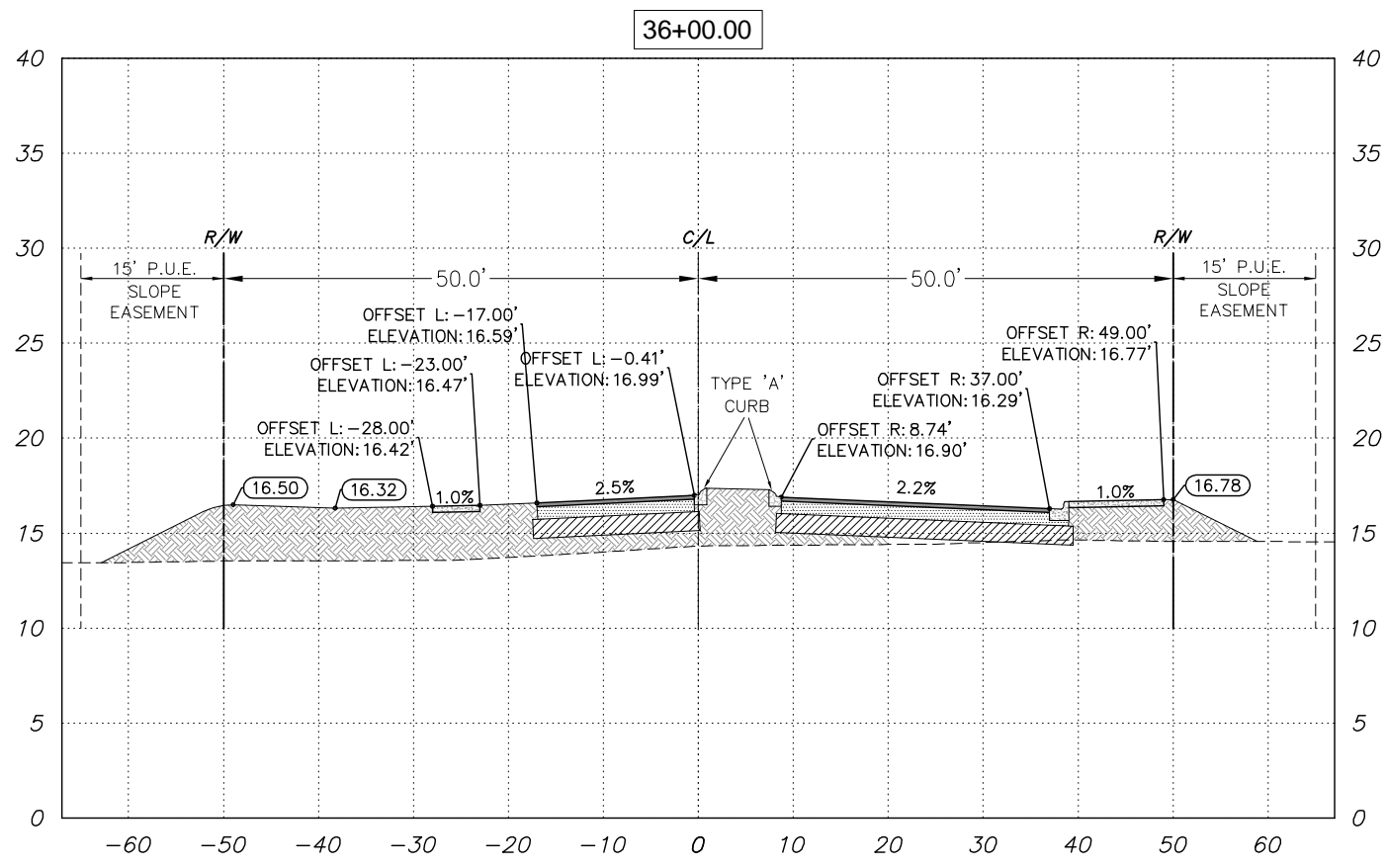


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CROSS SECTIONS 32+00 - 35+00						
NORTH AIRPORT ROAD EXTENSION						
LEE COUNTY, FLORIDA						
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=10' VERT 1"=20' HORZ
						SHEET
						19



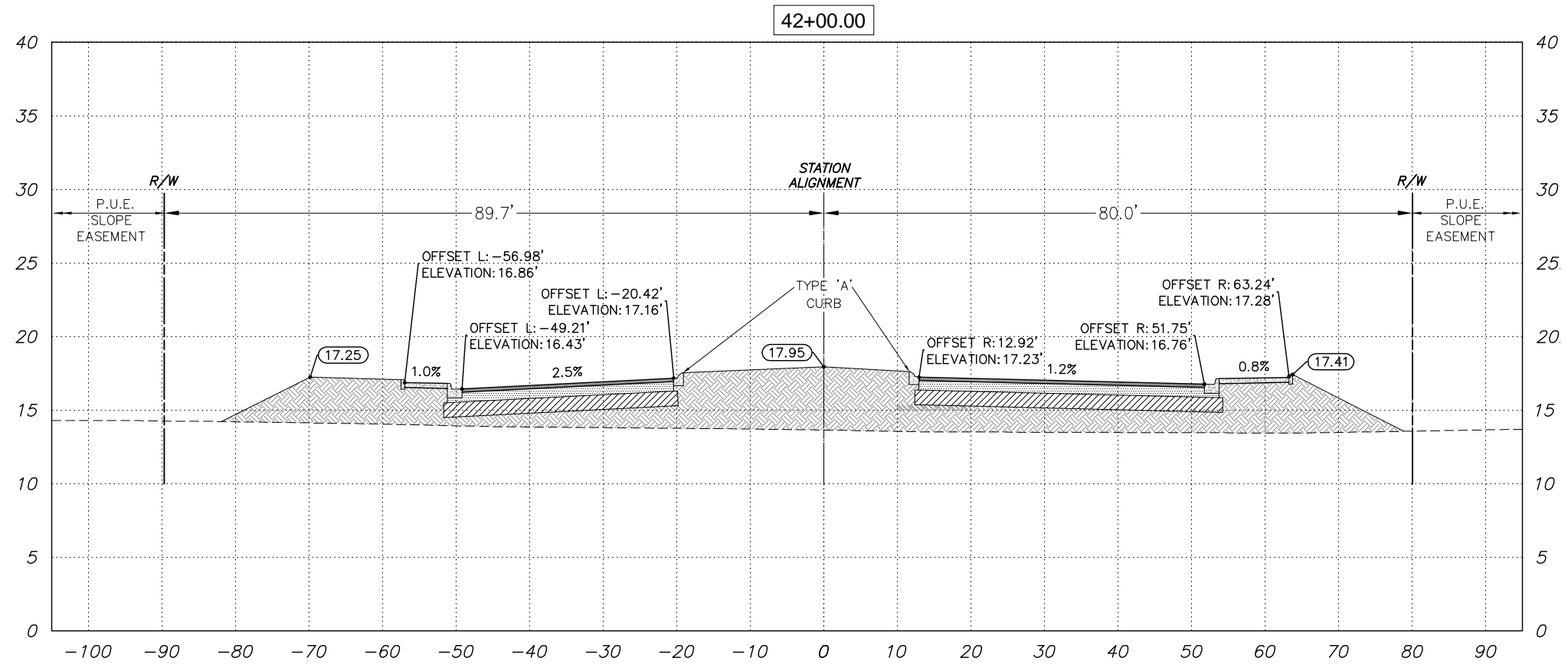
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CROSS SECTIONS 36+00 - 39+00									
NORTH AIRPORT ROAD EXTENSION									
LEE COUNTY, FLORIDA									
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=10' VERT 1"=20' HORZ	20		

CLAYTON W. REBOL, P.E.
 LICENSE # 70173



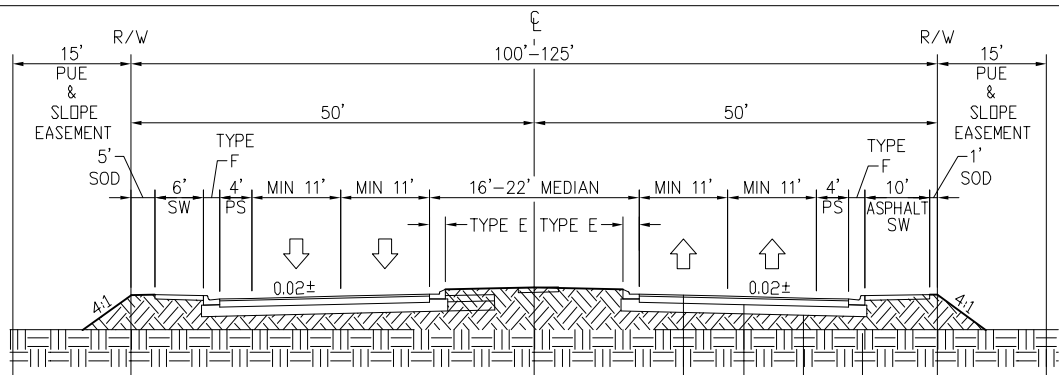
PREPARED FOR:
HML PROPERTIES, LLC
 12995 SOUTH CLEVELAND AVENUE, PBS 34
 FORT MYERS, FLORIDA 33907
 PHONE: (239) 000-0000
 FAX: (239) 000-0000

NO.	DATE	REVISION DESCRIPTION	BY

BANKS ENGINEERING
 Professional Engineers, Planners, & Land Surveyors
 Serving The State Of Florida
 12653 SW COUNTY ROAD 769 - SUITE B
 LAKE SUZY, FLORIDA 34269
 PHONE: (941) 625-1165 FAX: (941) 625-1149
 ENGINEERING LICENSE # EB 6469
 SURVEY LICENSE # LB 6690
 WWW.BANKSENG.COM

CROSS SECTIONS 42+00							SCALE 1" = 10' VERT 1" = 20' HORZ	SHEET 22
NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA								
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED			
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR			

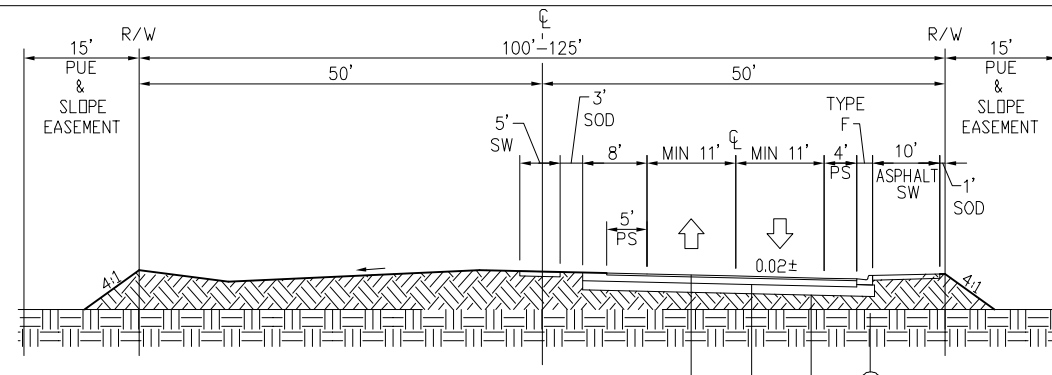
CLAYTON W. REBOL, P.E.
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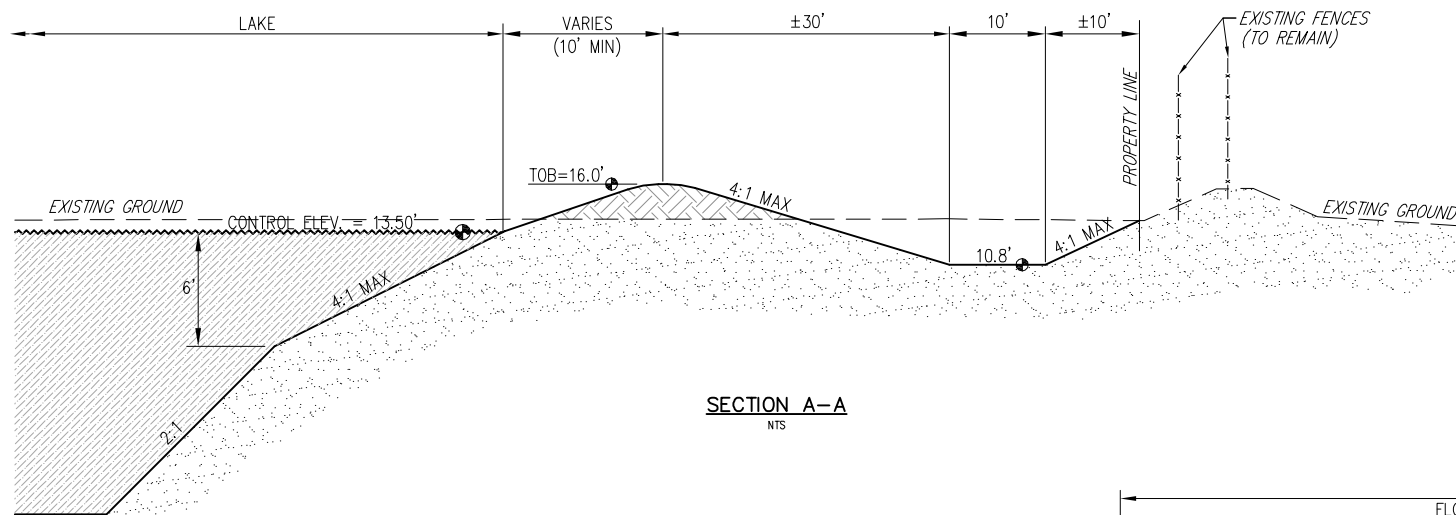
TYPICAL SECTION
 FOUR-LANE SUBURBAN COLLECTOR
 DESIGN SPEED = 35 MPH (MIN)
 N.T.S.

PAVEMENT SECTION:

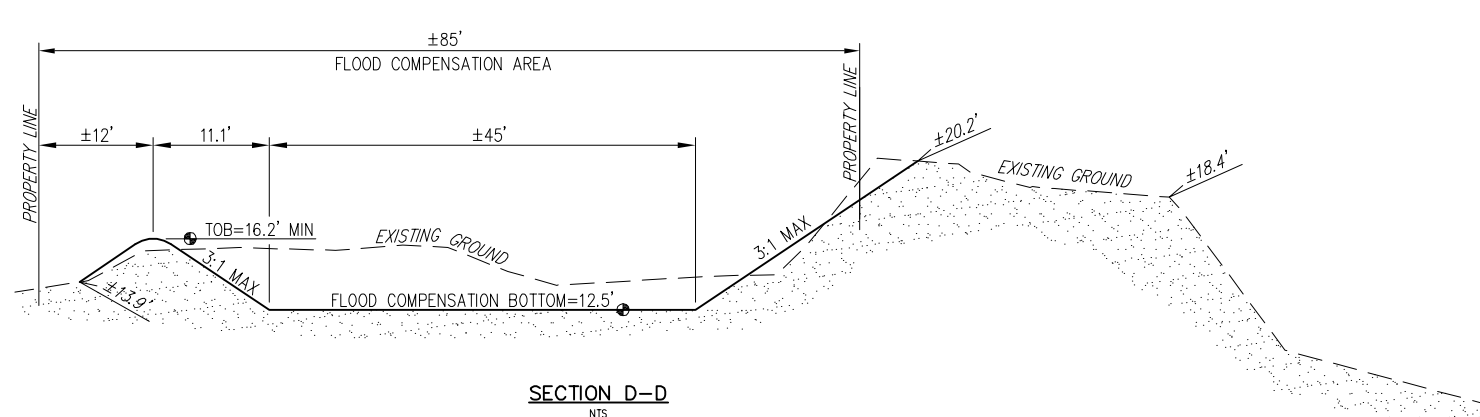
- ① 1" TYPE S-III OVER 1 1/2" TYPE S-I ASPHALTIC CONCRETE
- ② FDOT OPTIONAL BASE GROUP 9 - 8" LIMEROCK BASE (MIN LBR=100) COMPACTED TO 98% OF MAXIMUM DENSITY BY AASHTO T-180.
- ③ 12" STABILIZED SUBGRADE TYPE B STABILIZATION (MIN LBR=40) COMPACTED TO 98% OF MAXIMUM DENSITY BY AASHTO T-180.
- ④ EMBANKMENT PLACED IN 12" LIFTS TO 100% MAXIMUM DENSITY BY AASHTO T-99. (MATERIAL PER F.D.O.T. INDEX NO. 505)



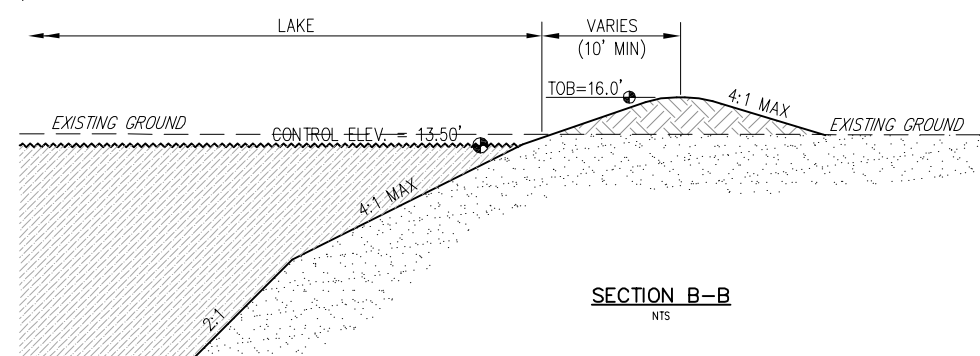
TYPICAL SECTION
 TWO-LANE SUBURBAN COLLECTOR
 DESIGN SPEED = 35 MPH (MIN)
 N.T.S.



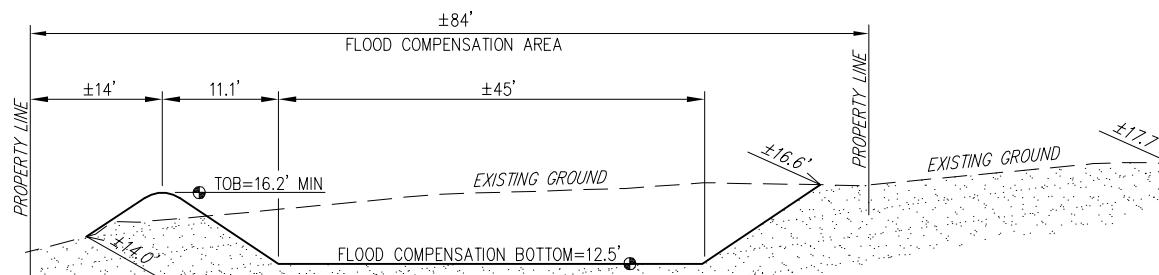
SECTION A-A
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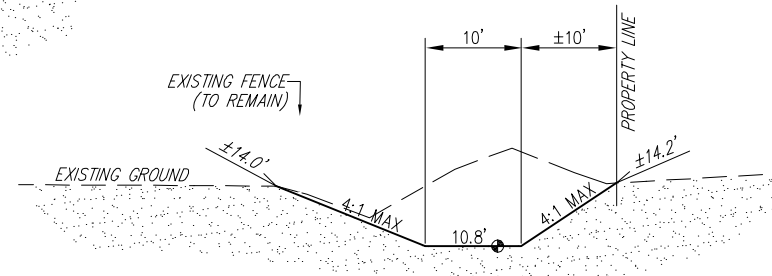
SECTION D-D
 N.T.S.



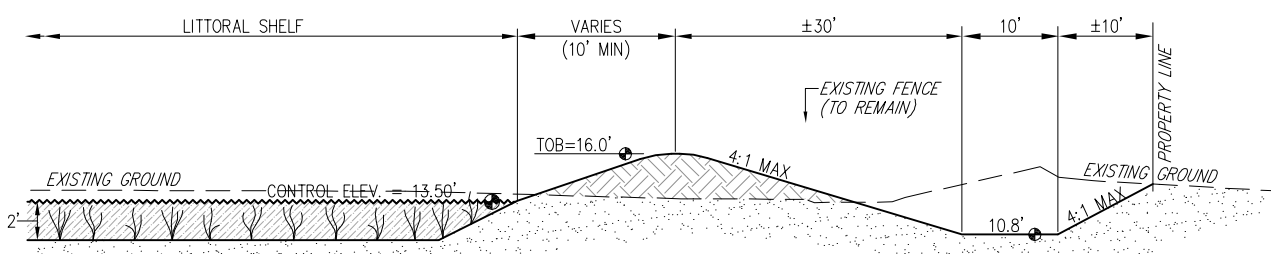
SECTION B-B
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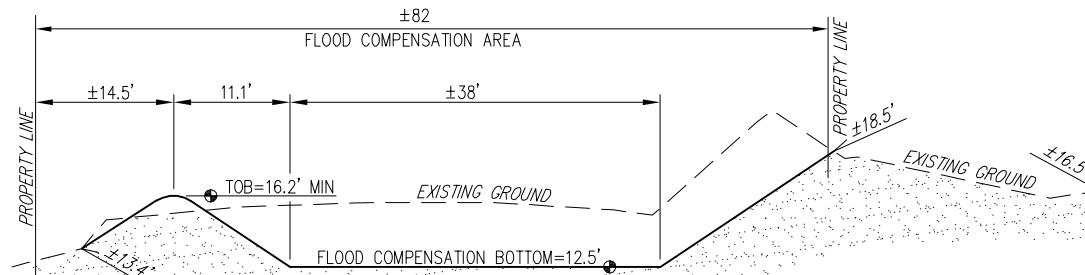
SECTION E-E
 N.T.S.



SECTION G-G
 N.T.S.



SECTION C-C
 N.T.S.



SECTION F-F
 N.T.S.

PREPARED FOR:

HML PROPERTIES, LLC

12995 SOUTH CLEVELAND AVENUE, PBS 34
 FORT MYERS, FLORIDA 33907
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 LAKE SUZY, FLORIDA 34269
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 ENGINEERING LICENSE # EB 6469
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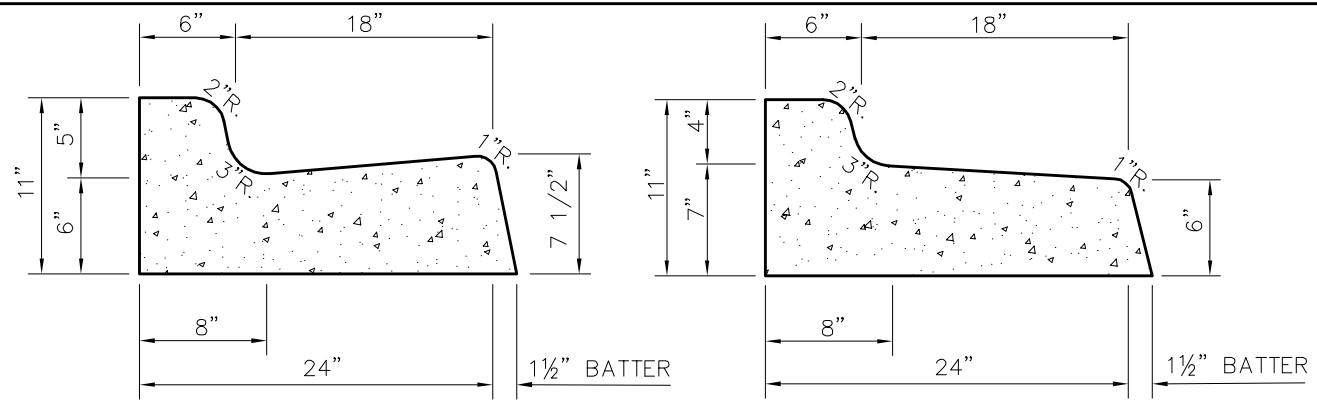
CLAYTON W. REBOL, P.E.
 LICENSE # 70173

TYPICAL CROSS SECTIONS
NORTH AIRPORT ROAD EXTENSION
 LEE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
12-6-2010	2257A	TYP SECTIONS	CDC	CDC	CWR	NONE	23

S:\JOBS\22XX\2257A\ENGINEERING\DEV PLANS\2257A TYPICAL SECTIONS - NORTH AIRPORT ROAD.DWG 10/17/2012 3:57 PM CRAIG CROTEAU

NORTH AIRPORT ROAD EXTENSION



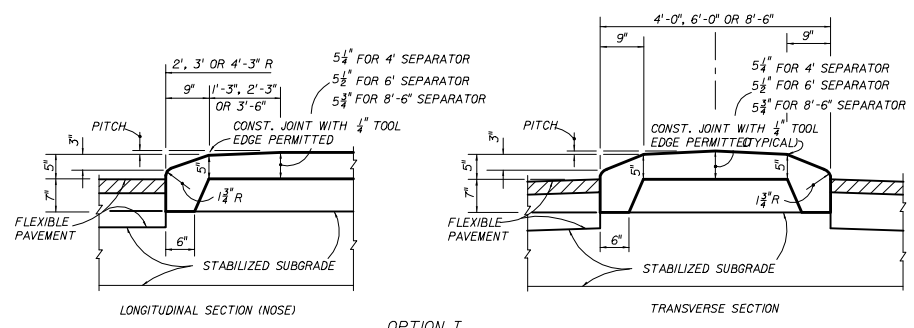
GUTTER APPLICATION

HIGH SIDE APPLICATION

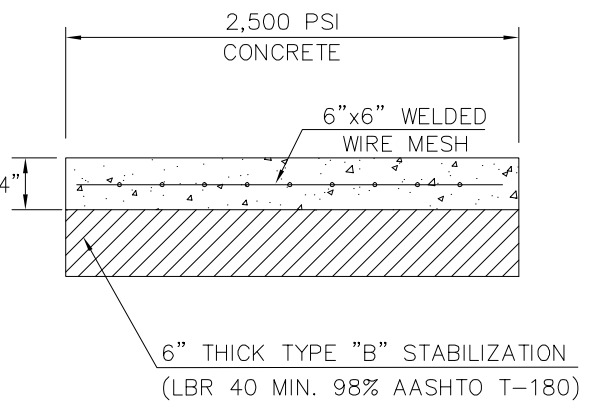
NOTES:

1. CONCRETE TO BE F.D.O.T. CLASS I OR EQUAL. (2,500 P.S.I. MINIMUM STRENGTH)
2. CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 520.
3. WHEN USED ON HIGH SIDE OF PAVEMENTS, THE CROSS SLOPE OF THE GUTTER SHALL SPILL OUT WITH 1" FALL AS SHOWN.

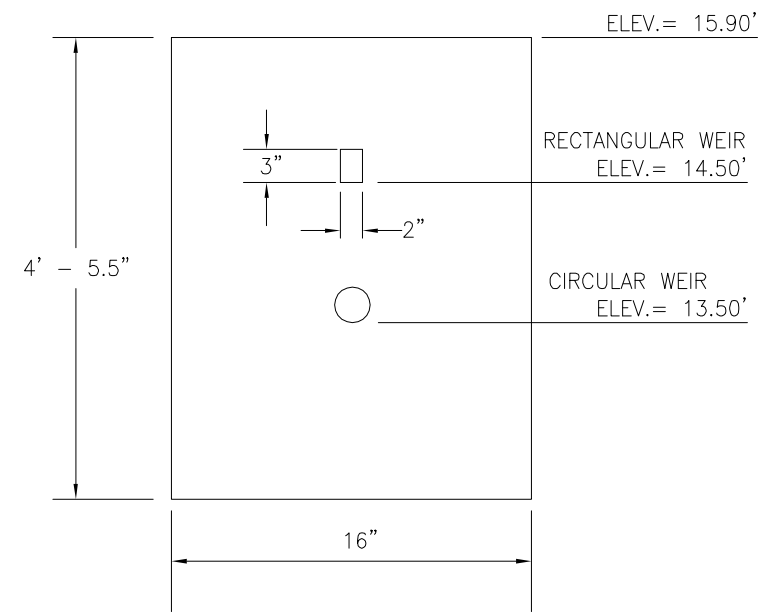
TYPE "F" CURB
NOT TO SCALE



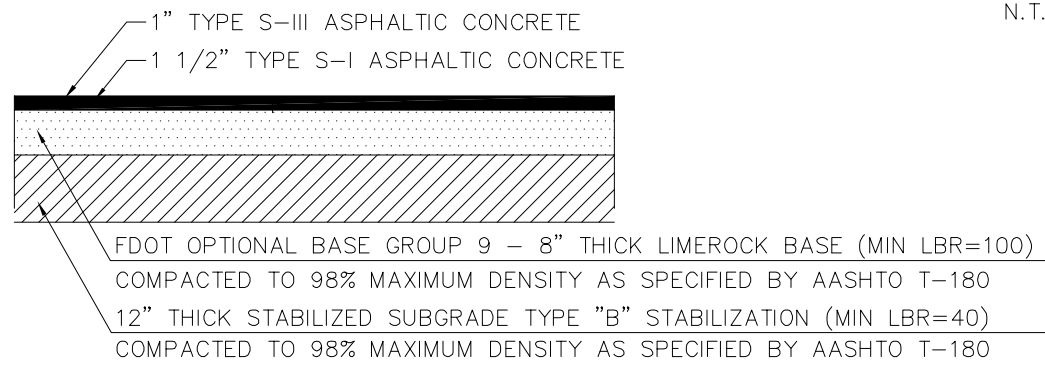
CONCRETE TRAFFIC SEPARATOR
N.T.S.



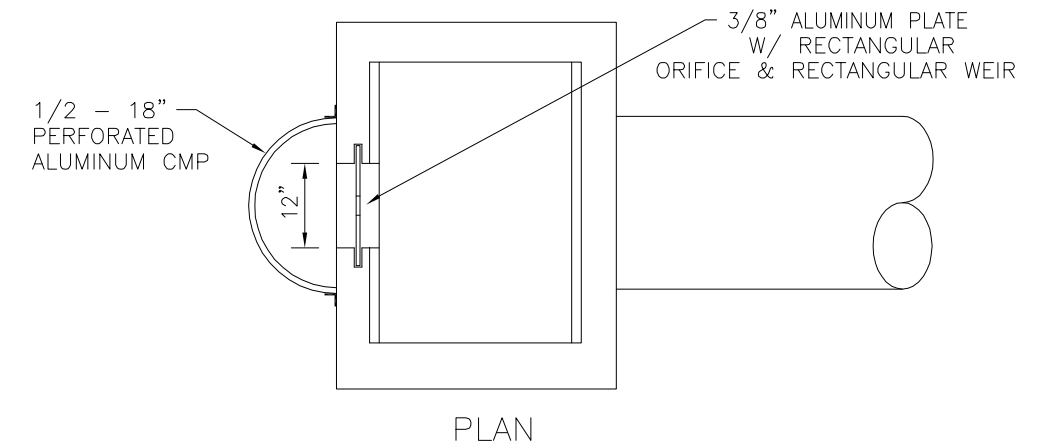
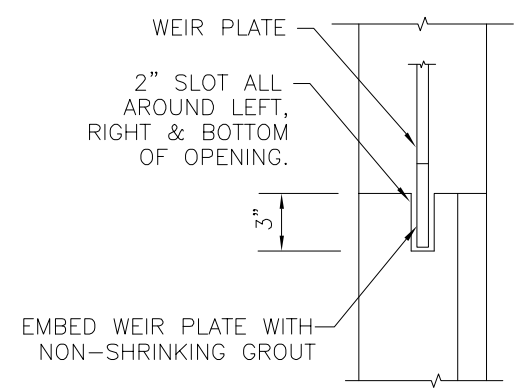
CONCRETE SECTION
N.T.S.



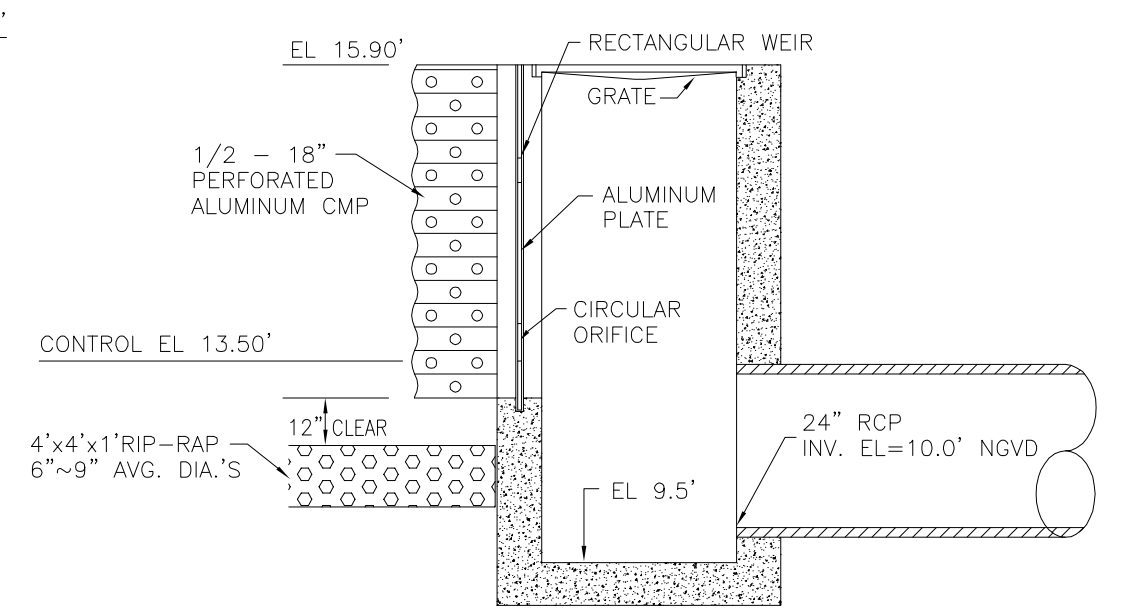
3/8" THK ALUMINUM WEIR PLATE DETAIL



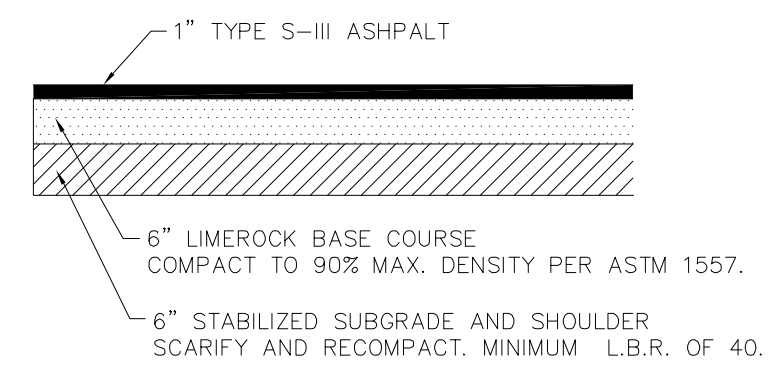
RIGHT-OF-WAY ASPHALT SECTION
N.T.S.



PLAN



CONTROL STRUCTURE (CS-01) DETAIL
MODIFIED TYPE "D"
N.T.S.



TYPICAL SECTION ASPHALT PATHWAY
N.T.S.

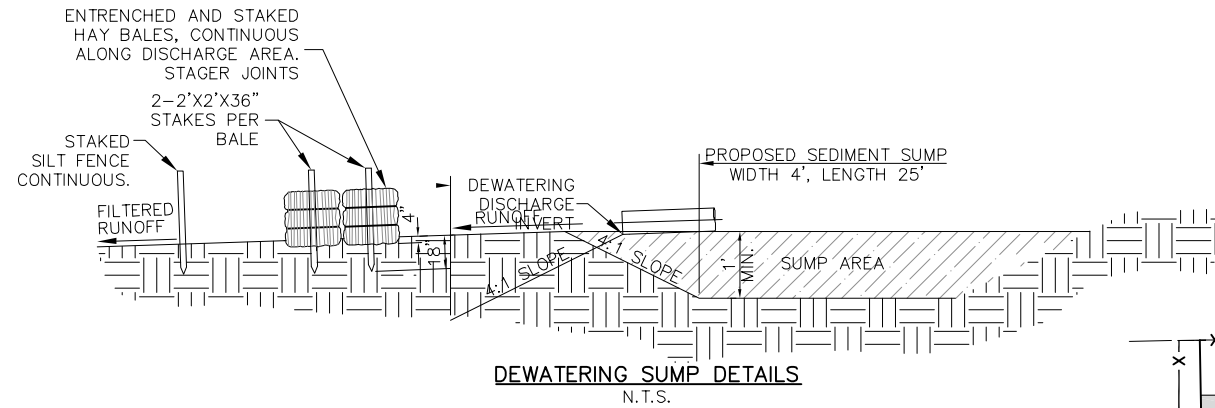
S:\JOBS\22XX\ENGINEERING\DEV PLANS\2257A_PCD DETAILS - NORTH AIRPORT ROAD.DWG 10/17/2012 3:43 PM CRAIG GROTEAU

NORTH AIRPORT ROAD EXTENSION

PREPARED FOR: HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000		<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	REVISION DESCRIPTION	BY					BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida 12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM	CLAYTON W. REBOL, P.E. LICENSE # 70173	PAVING, GRADING & DRAINAGE DETAILS NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA	<table border="1"> <tr> <th>DATE</th> <th>PROJECT</th> <th>DRAWING</th> <th>DESIGN</th> <th>DRAWN</th> <th>CHECKED</th> <th>SCALE</th> <th>SHEET</th> </tr> <tr> <td>12-6-2010</td> <td>2257A</td> <td></td> <td>CDC</td> <td>CDC</td> <td>CWR</td> <td></td> <td>24</td> </tr> </table>	DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET	12-6-2010	2257A		CDC	CDC	CWR		24
NO.	DATE	REVISION DESCRIPTION	BY																											
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET																							
12-6-2010	2257A		CDC	CDC	CWR		24																							

DEWATERING NOTES:

1. CONTRACTOR TO INSURE THAT DEWATERING ACTIVITIES DO NOT CAUSE EROSION AND THAT SUMP IS UTILIZED TO ALLOW FOR PARTICLE SEDIMENTATION.
2. SEDIMENT SUMPS AND DISCHARGE EROSION CONTROL ARE TO BE IMPLEMENTED BEFORE ANY DEWATERING ACTIVITIES OR EARTHWORK CONSTRUCTION.
3. SUMP SIZE BASED UPON AN ASSUMED DEWATERING DISCHARGE OF 900 GPM (2 CFS). CONTRACTOR IS TO NOTIFY ENGINEER IF GREATER DISCHARGE IS PROPOSED SO SUMP SIZE CAN BE RECALCULATED.
4. DEWATERING WITHDRAWALS ARE TO BE FROM THE TOP OF THE WATER AREAS TO ALLOW FOR THE ADEQUATE SETTLING OF PARTICLES AND INSURE WATER QUALITY.
5. CONTRACTOR TO NOTIFY S.W.F.W.M.D. OF ANY MODIFICATIONS PROPOSED BY THE CONTRACTOR TO THE DEWATERING PLAN. CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF ANY REQUIRED PLANS AND PROCESSING OF THE SAME.
6. DISCHARGE FROM SUMPS SHOULD MAXIMIZE OVERLAND FLOW PRIOR TO ENTERING OUTFALL. STAKED HAY BALES WILL BE USED TO MINIMIZE SILTATION RUNOFF. CONTRACTOR IS RESPONSIBLE FOR UTILIZING ADEQUATE HAY BALES AT DISCHARGE LOCATIONS TO PREVENT SCOURING.
7. DEWATERING PERIOD MUST BE LESS THAN 120 DAYS.
8. LOCATION OF DEWATERING SUMPS AND DISCHARGE POINTS AS SHOWN ON BMP PLAN.



EROSION CONTROL NOTES:

GENERAL

THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, TOOLS, MATERIALS AND SERVICES NEEDED TO PROVIDE ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES. THESE MEASURES SHALL CONFORM TO THE PLANS AND SPECIFICATIONS AND ALL STATE AND LOCAL REQUIREMENTS.

EARTH MOVING ACTIVITIES

A. THE CONTRACTOR SHALL EXERCISE CARE TO PRESERVE THE NATURAL LANDSCAPE AND SHALL CONDUCT CONSTRUCTION OPERATIONS SO AS TO PREVENT ANY UNNECESSARY DESTRUCTION, SCARRING OR DEFACING OF THE NATURAL SURROUNDINGS IN THE VICINITY OF THE WORK AREA. EXCEPT WHERE CLEARING IS REQUIRED FOR PERMANENT WORK, FOR APPROVED CONSTRUCTION ROADS OR FOR EXCAVATION OPERATIONS, ALL TREES, NATIVE SHRUBBERY AND VEGETATION TO BE PRESERVED AND PROTECTED FROM DAMAGE WHICH MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OPERATIONS AND EQUIPMENT.

B. GRADED AREAS ARE TO BE SEEDED AND/OR SODDED WITHIN THIRTY (30) DAYS FOLLOWING EARTH MOVING PROCEDURES. IF THE TIME OF YEAR IS NOT CONDUCIVE FOR PERMANENT SEEDING, A TEMPORARY MULCH AND/OR SEEDING SHOULD BE USED.

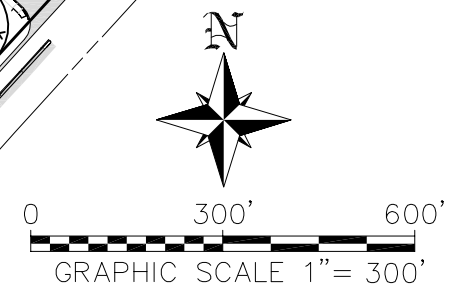
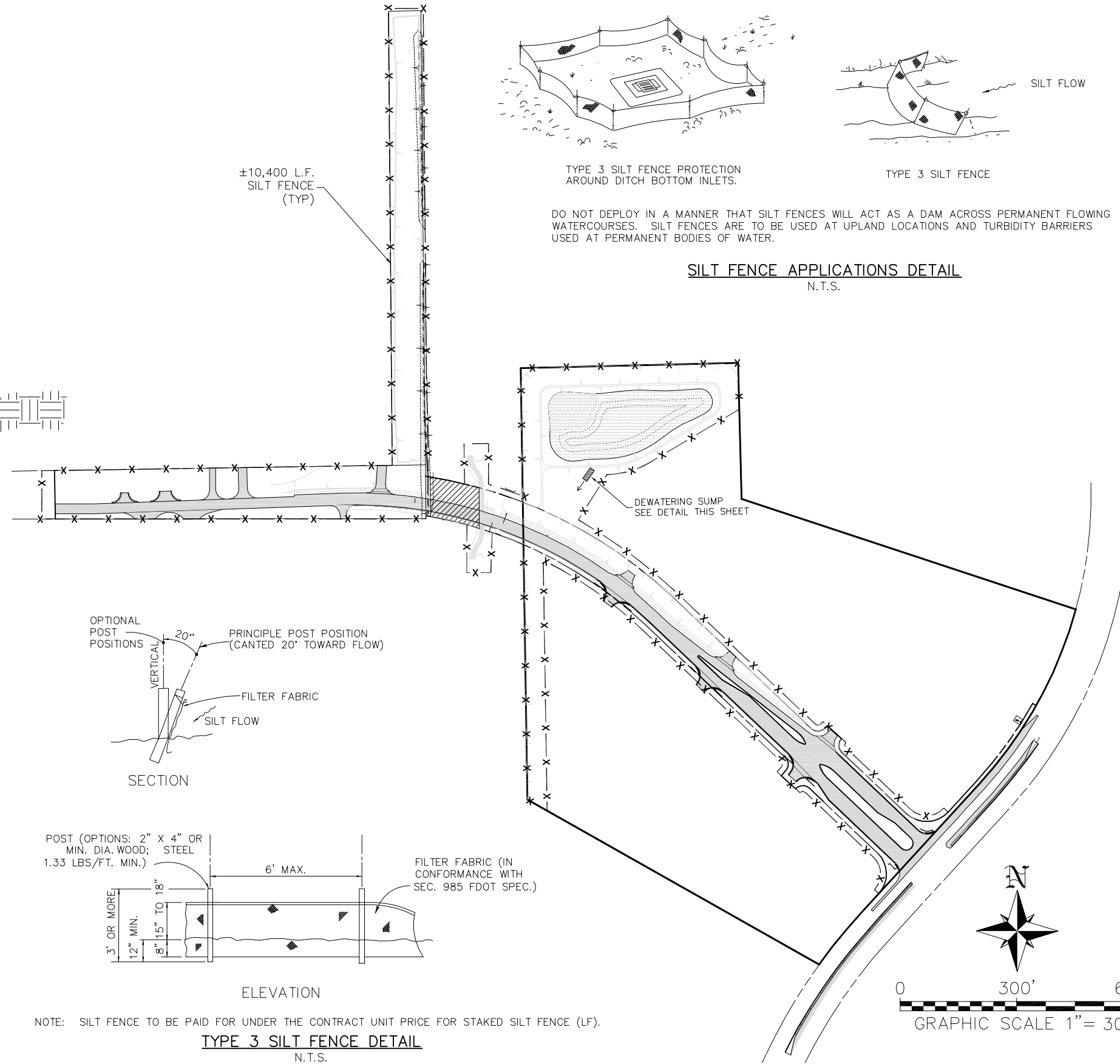
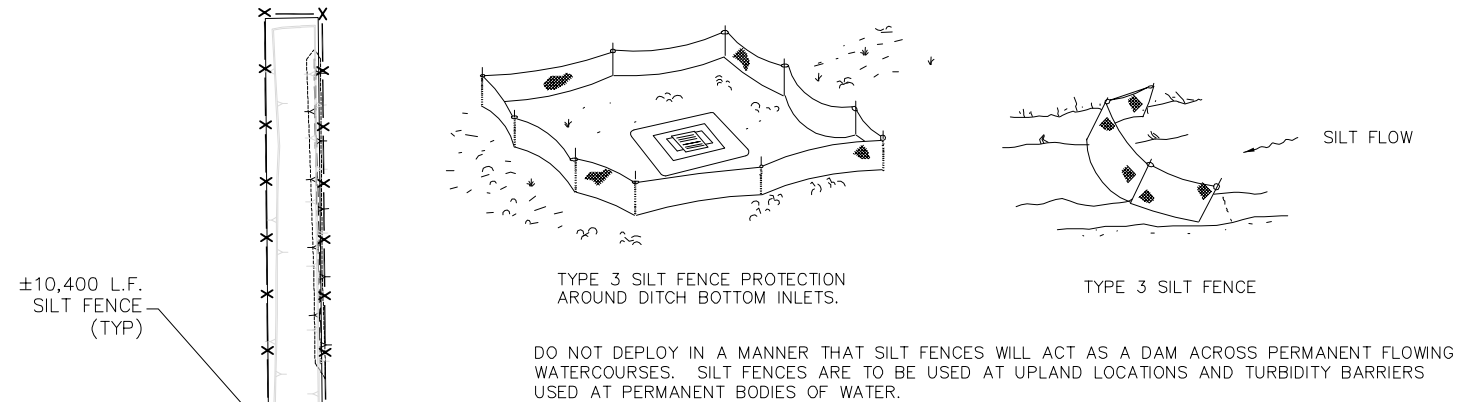
MAINTENANCE

A. REPAIR ALL DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION EQUIPMENT BEFORE THE END OF EACH WORK DAY.

B. SEDIMENT SHALL BE REMOVED FROM SUMP AREAS. THE SEDIMENT SHALL BE PLACED IN SUCH A MANNER THAT IT WILL NOT ERODE FROM THE SITE. THE SEDIMENT SHALL NOT BE DEPOSITED DOWNSTREAM FROM THE EMBANKMENT, IN OR ADJACENT TO A STREAM OR FLOOD PLAIN.

GENERAL NOTES

1. EROSION CONTROL DETAILS ARE APPLICABLE TO NEW CONSTRUCTION, RECONSTRUCTION AND RRR PROJECTS.
2. FOR SODDING ADJACENT TO DITCHES AND AT HEADWALLS, SEE INDEX NO. 281.
3. ALL FRONT SLOPES STEEPER THAN 3:1 ARE TO BE SODDED.

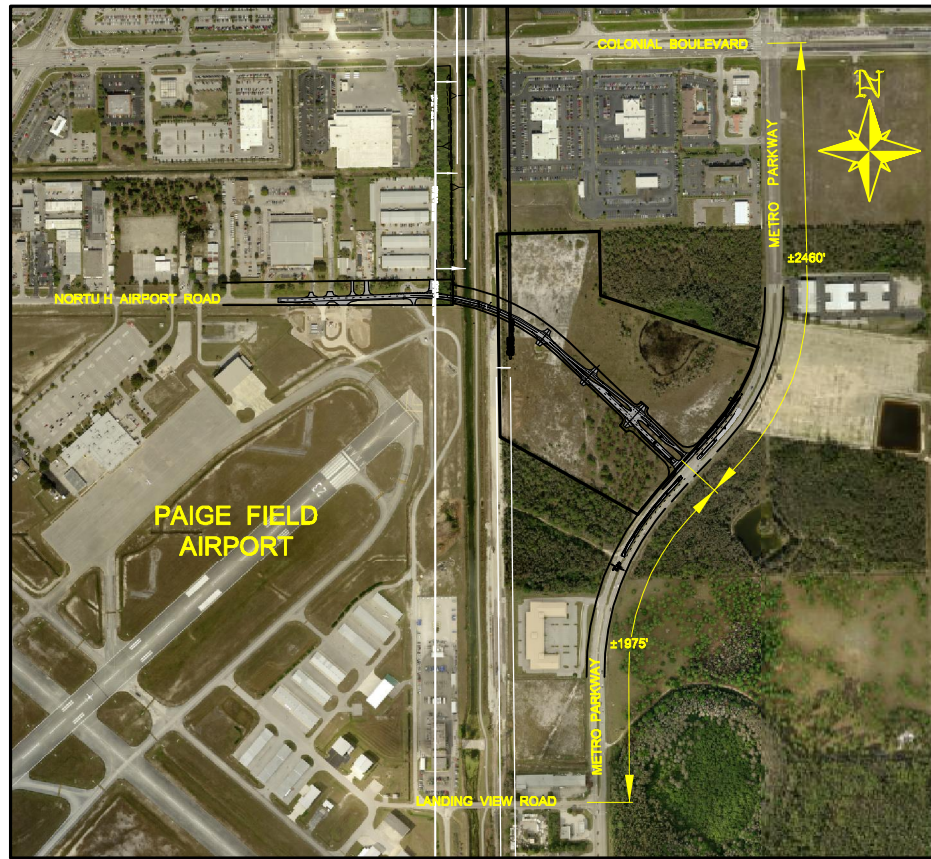


NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).

S:\JOBS\22XX\ENGINEERING\DEV PLANS\2257A BMP PLAN - NORTH AIRPORT ROAD.DWG 10/17/2012 3:37 PM CRAIG GROTEAU

NORTH AIRPORT ROAD EXTENSION

PREPARED FOR: HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000		NO. DATE REVISION DESCRIPTION BY	BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida 12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM	BEST MANAGEMENT PRACTICE PLAN & DETAILS NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA				
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET	
12-6-2010	2257A	_OVERALL PL	CDC	CDC	CWR	1"=300'	25	



OVERALL VIEW OF PROJECT

SCALE : 1" = 1000'



S:\JOBS\22XX\ENGINEERING\DEV PLANS\2257A OVERALL PLAN - METRO PARKWAY.DWG 9/27/2012 3:15 PM CRAIG GROTEAU

NORTH AIRPORT ROAD EXTENSION

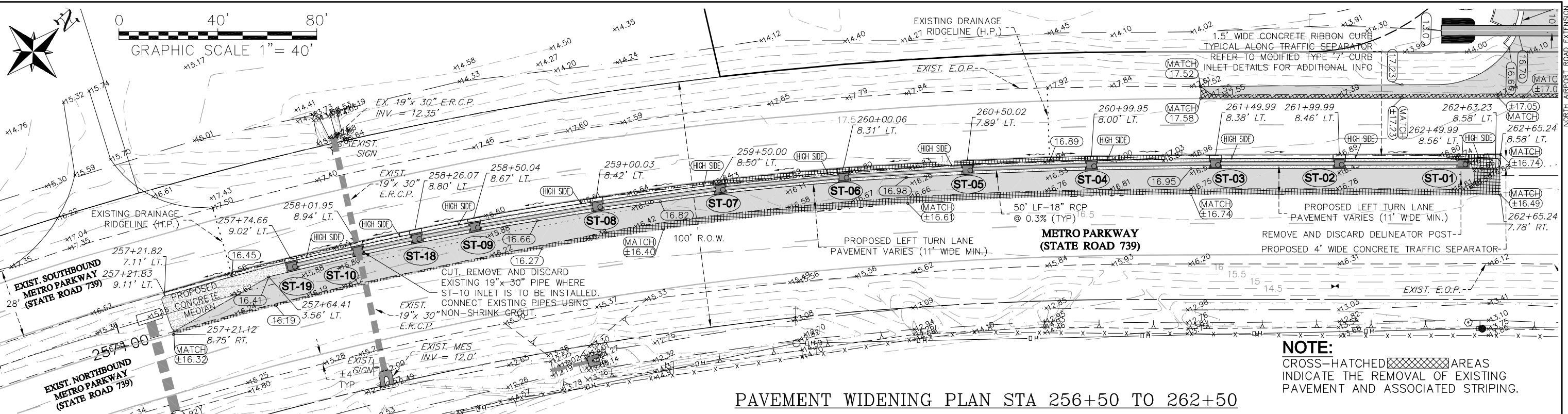
PREPARED FOR:
HML PROPERTIES, LLC
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 ENGINEERING LICENSE # EB 6469
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 WWW.BANKSENG.COM

CLAYTON W. REBOL, P.E.
 LICENSE # 70173

AERIAL OVERALL PLAN					
NORTH AIRPORT ROAD EXTENSION					
LEE COUNTY, FLORIDA					
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED
12-6-2010	2257A	_OVERALL PL	CDC	CDC	CWR
SCALE	SHEET				
1"=100'	26				

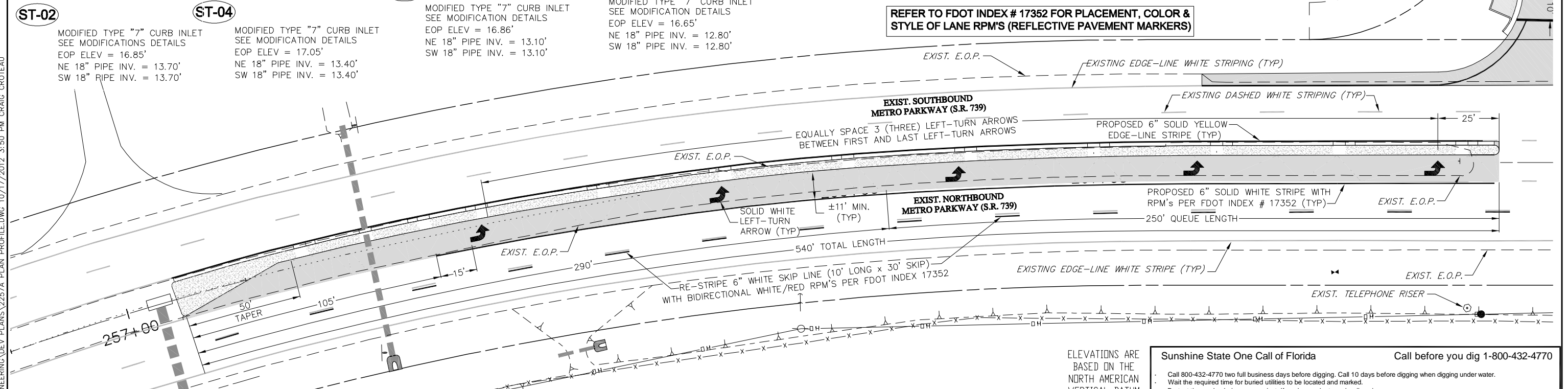


PAVEMENT WIDENING PLAN STA 256+50 TO 262+50

DRAINAGE STRUCTURE SCHEDULE

ST-01 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.79' SW 18" PIPE INV. = 13.85'	ST-03 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.95' NE 18" PIPE INV. = 13.55' SW 18" PIPE INV. = 13.55'	ST-05 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.98' NE 18" PIPE INV. = 13.25' SW 18" PIPE INV. = 13.25'	ST-07 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.75' NE 18" PIPE INV. = 12.95' SW 18" PIPE INV. = 12.95'	ST-09 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.59' NE 18" PIPE INV. = 12.65' SW 18" PIPE INV. = 12.65'	ST-10 MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS) EOP ELEV = 16.56' NE 18" PIPE INV. = 12.50' NW 30" PIPE INV. = 12.20' SE 30" PIPE INV. = 12.20' SW 18" PIPE INV. = 12.50'	ST-18 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.59' NE 18" PIPE INV. = 12.57' SW 18" PIPE INV. = 12.57'	ST-19 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.61' NE 18" PIPE INV. = 12.58'		
ST-02 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.85' NE 18" PIPE INV. = 13.70' SW 18" PIPE INV. = 13.70'	ST-04 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 17.05' NE 18" PIPE INV. = 13.40' SW 18" PIPE INV. = 13.40'	ST-06 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.86' NE 18" PIPE INV. = 13.10' SW 18" PIPE INV. = 13.10'	ST-08 MODIFIED TYPE "7" CURB INLET SEE MODIFICATION DETAILS EOP ELEV = 16.65' NE 18" PIPE INV. = 12.80' SW 18" PIPE INV. = 12.80'	REFER TO FDOT INDEX # 17352 FOR PLACEMENT, COLOR & STYLE OF LANE RPM'S (REFLECTIVE PAVEMENT MARKERS)					

NOTE:
CROSS-HATCHED AREAS INDICATE THE REMOVAL OF EXISTING PAVEMENT AND ASSOCIATED STRIPING.



STRIPING PLAN STA 256+50 TO 262+50

ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

Sunshine State One Call of Florida Call before you dig 1-800-432-4770

- Call 800-432-4770 two full business days before digging. Call 10 days before digging when digging under water.
- Wait the required time for buried utilities to be located and marked.
- Protect the marks during your project. If marks are destroyed, call again.
- Dig safely, using extreme caution when digging within 24 inches on either side of the marks to avoid hitting the buried utility lines.

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PREPARED FOR:
HML PROPERTIES, LLC
12995 SOUTH CLEVELAND AVENUE, PBS 34
FORT MYERS, FLORIDA 33907
PHONE: (239) 000-0000
FAX: (239) 000-0000

NO.	DATE	REVISION DESCRIPTION	BY

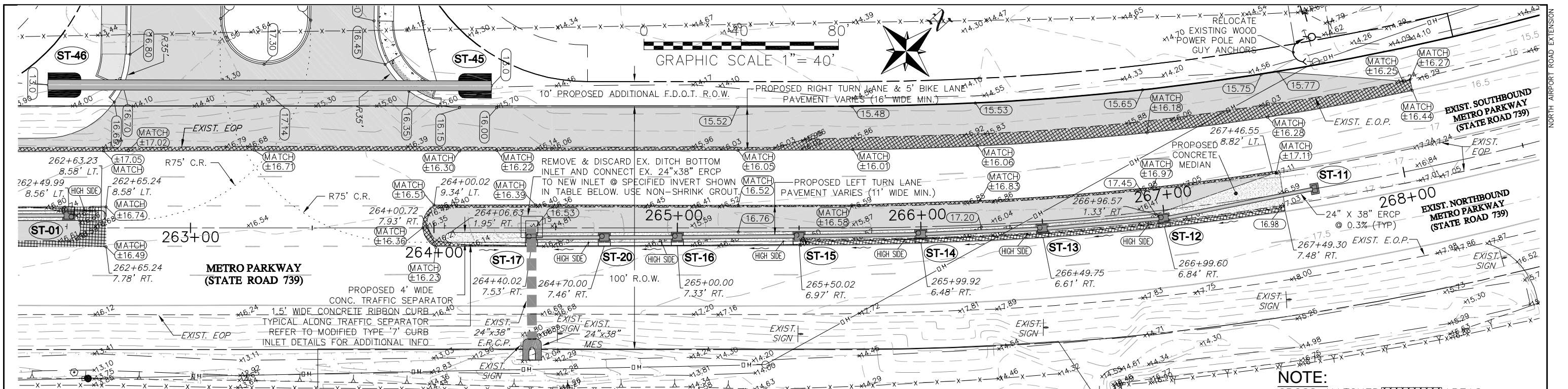
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Serving The State Of Florida

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CLAYTON W. REBOL, P.E. LICENSE # 70173

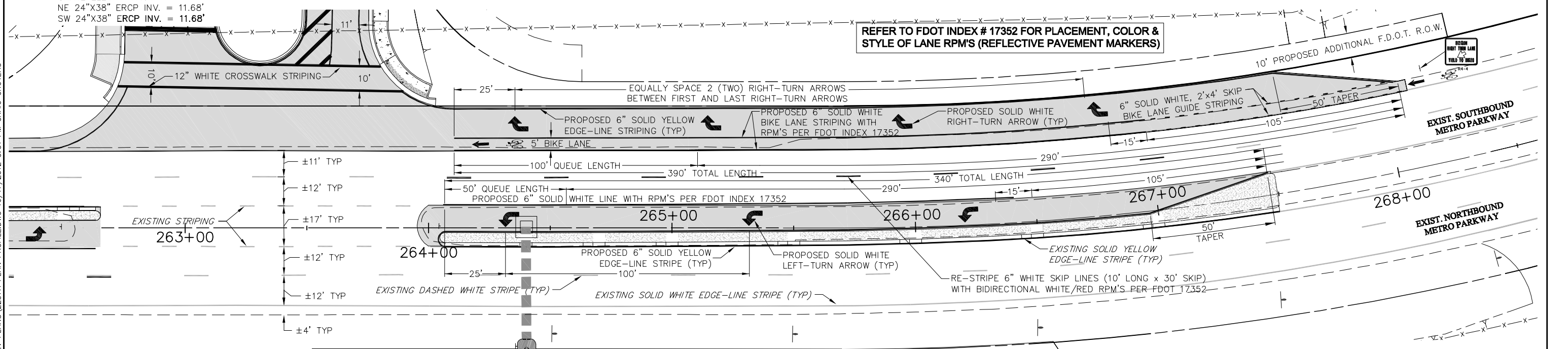
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=40'	27

FDOT - WIDENING & STRIP PLAN - METRO STA 256+50-262+50
NORTH AIRPORT ROAD EXTENSION
LEE COUNTY, FLORIDA



DRAINAGE STRUCTURE SCHEDULE

- ST-11** TYPE "D" INLET w/ALT BOTTOM
GRATE ELEV = 16.68'
SW 24"x38" ERCP INV. = 11.87'
- ST-12** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 17.04'
NE 24"x38" ERCP INV. = 11.68'
SW 24"x38" ERCP INV. = 11.68'
- ST-13** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 16.91'
NE 24"x38" ERCP INV. = 11.53'
SW 24"x38" ERCP INV. = 11.53'
- ST-14** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 16.73'
NE 24"x38" ERCP INV. = 11.38'
SW 24"x38" ERCP INV. = 11.38'
- ST-15** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 16.55'
NE 24"x38" ERCP INV. = 11.23'
SW 24"x38" ERCP INV. = 11.23'
- ST-16** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 16.41'
NE 24"x38" ERCP INV. = 11.08'
SW 24"x38" ERCP INV. = 11.08'
- ST-17** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 16.32'
NE 24"x38" ERCP INV. = 10.90'
SE 24"x38" ERCP INV. = 10.90'
- ST-20** MODIFIED TYPE "7" CURB INLET w/ALT BOTTOM (SEE DETAILS)
GRATE ELEV = 16.37'
NE 24"x38" ERCP INV. = 10.90'
SW 24"x38" ERCP INV. = 10.90'



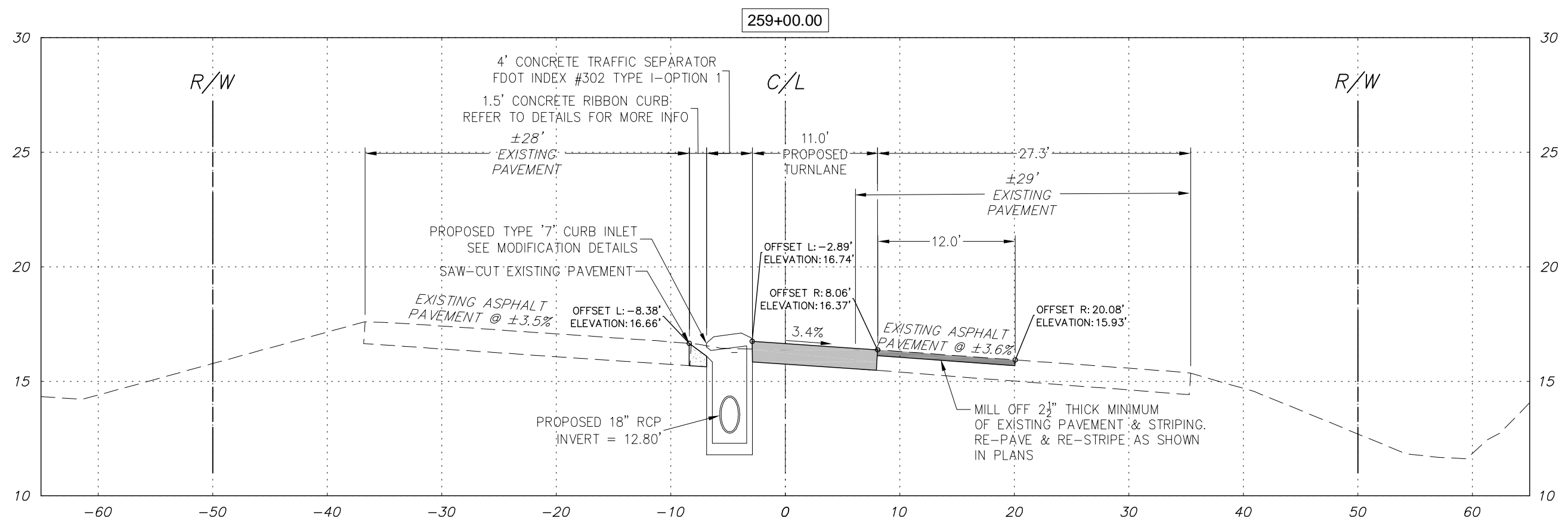
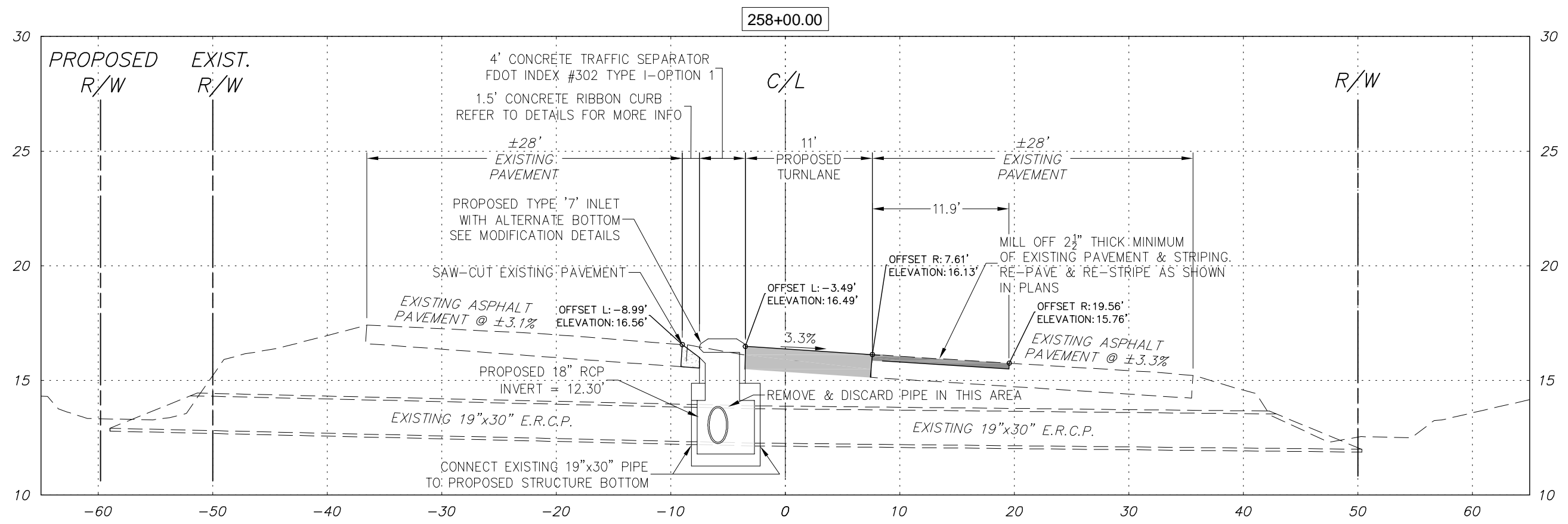
STRIPING PLAN STA 262+50 TO 268+50

ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

Sunshine State One Call of Florida Call before you dig 1-800-432-4770

- Call 800-432-4770 two full business days before digging. Call 10 days before digging when digging under water.
- Wait the required time for buried utilities to be located and marked.
- Protect the marks during your project. If marks are destroyed, call again.
- Dig safely, using extreme caution when digging within 24 inches on either side of the marks to avoid hitting the buried utility lines.

<p>PREPARED FOR:</p> <p>HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000</p>	<p>BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida</p> <p>12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM</p>	<p>FDOT - WIDENING & STRIP PLAN - METRO STA 262+50-268+50 NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>PROJECT</th> <th>DRAWING</th> <th>DESIGN</th> <th>DRAWN</th> <th>CHECKED</th> <th>SCALE</th> <th>SHEET</th> </tr> <tr> <td>12-6-2010</td> <td>2257A</td> <td>_PP</td> <td>CDC</td> <td>CDC</td> <td>CWR</td> <td>1"=40' HORZ</td> <td>28</td> </tr> </table>	DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET	12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=40' HORZ	28
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET											
12-6-2010	2257A	_PP	CDC	CDC	CWR	1"=40' HORZ	28											



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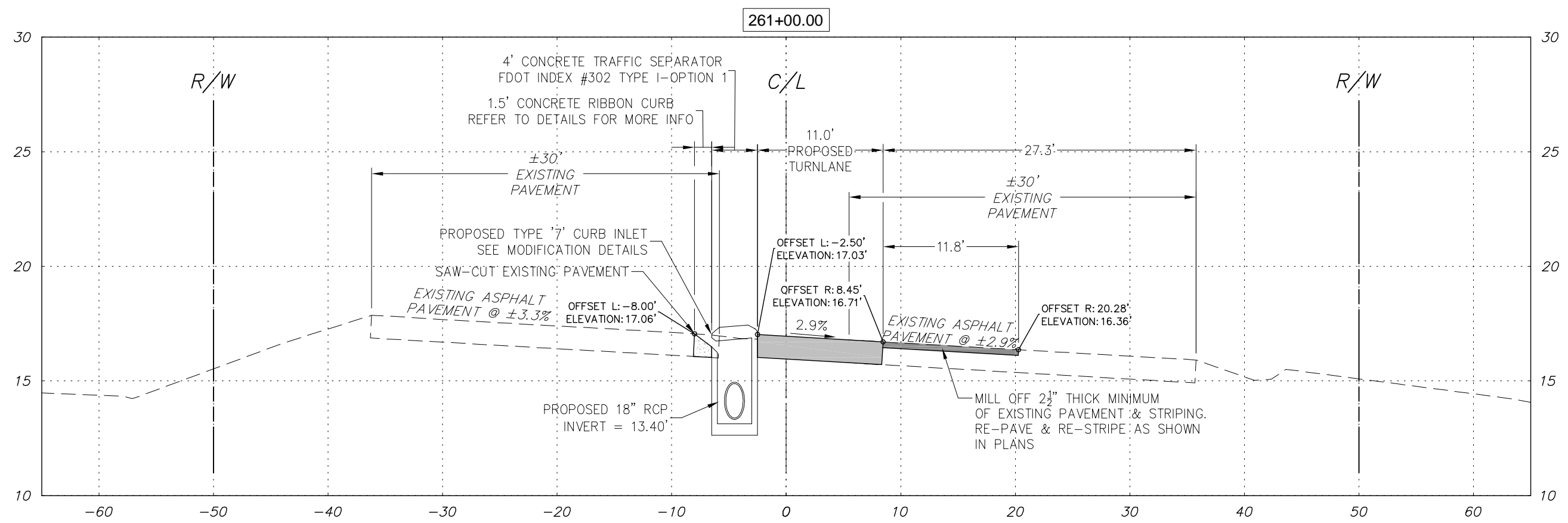
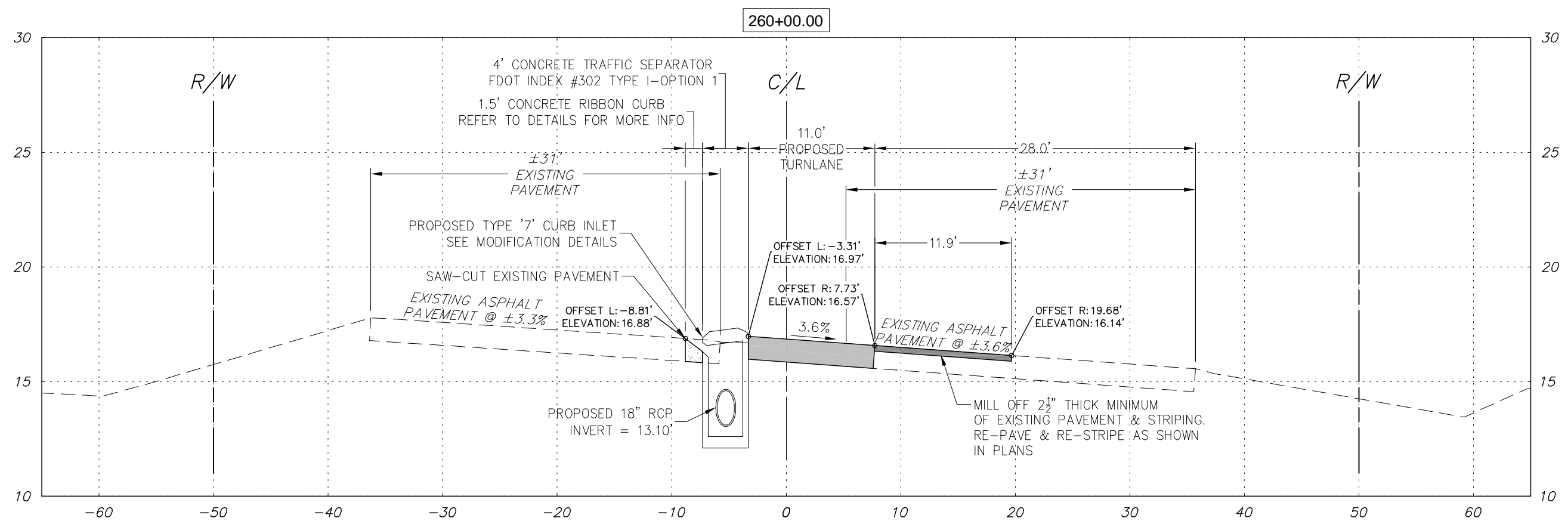
NO.	DATE	REVISION DESCRIPTION	BY

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FDOT - METRO PKWY CROSS SECTIONS 258+00 - 259+00						
NORTH AIRPORT ROAD EXTENSION						
LEE COUNTY, FLORIDA						
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=5' VERT 1"=10' HORZ
						SHEET
						29



PREPARED FOR:

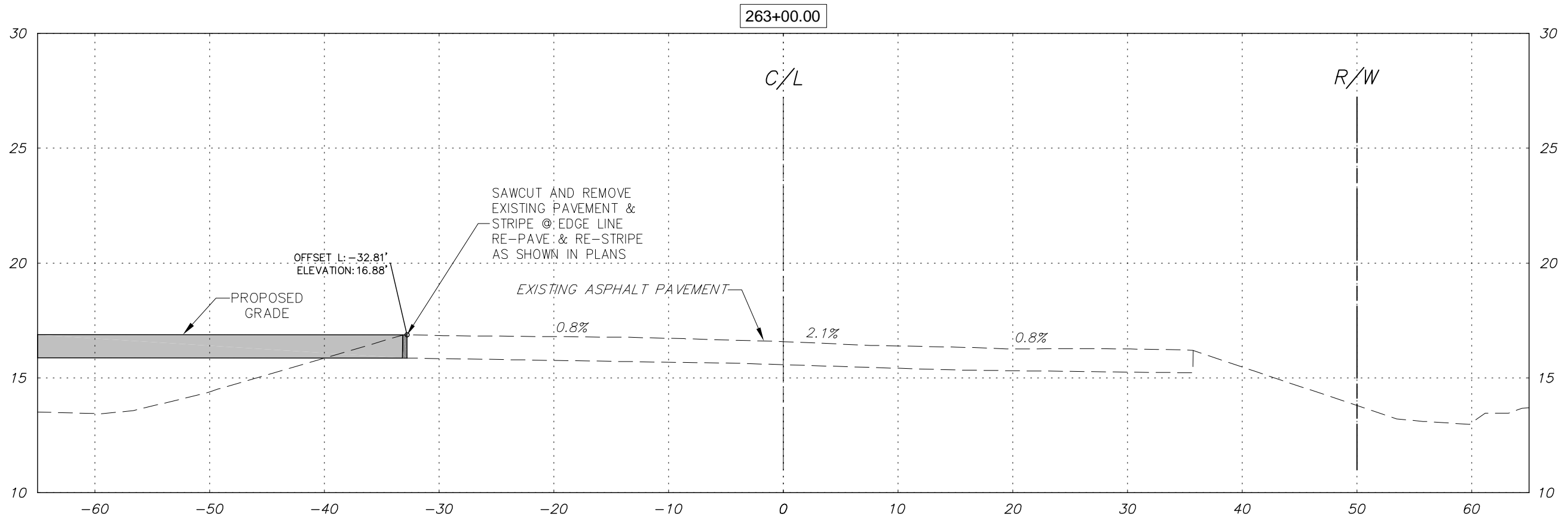
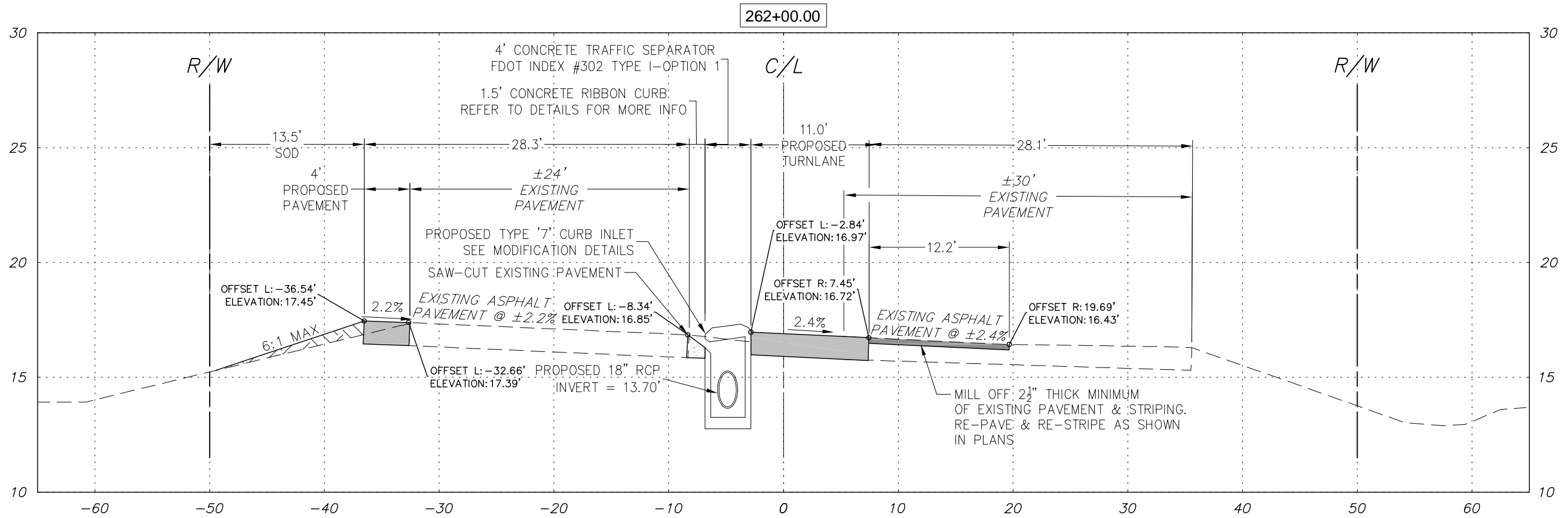
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FDOT - METRO PKWY CROSS SECTIONS 260+00 - 261+00						
NORTH AIRPORT ROAD EXTENSION						
LEE COUNTY, FLORIDA						
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=5' VERT 1"=10' HORZ
						SHEET
						30



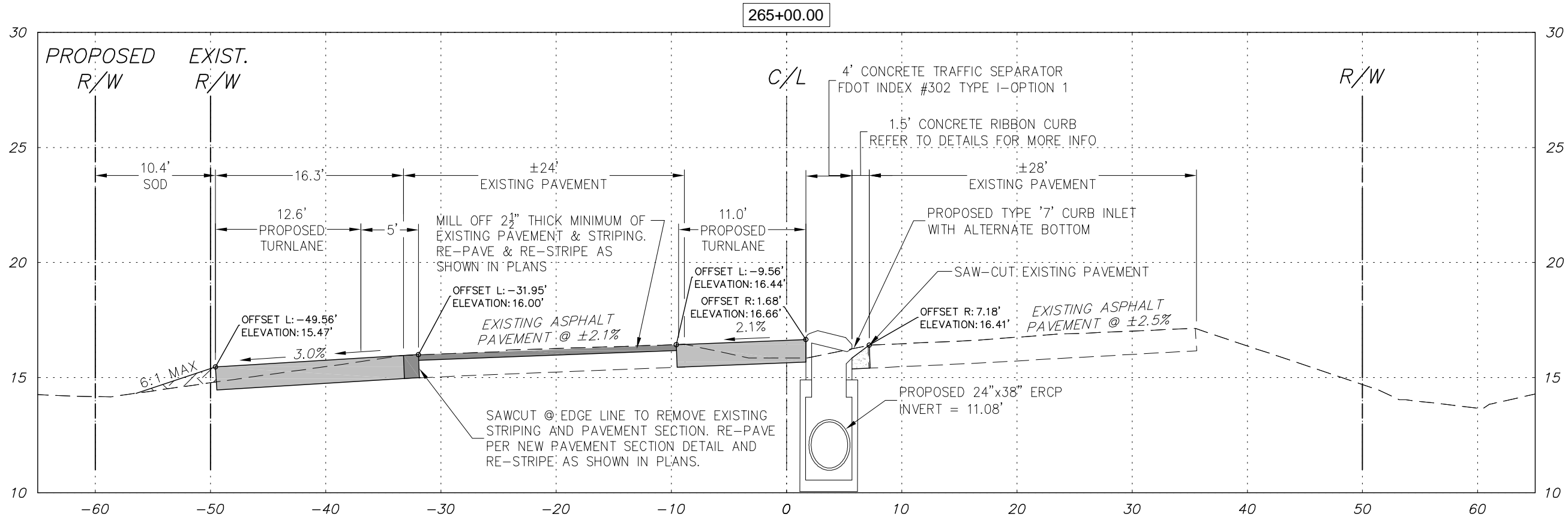
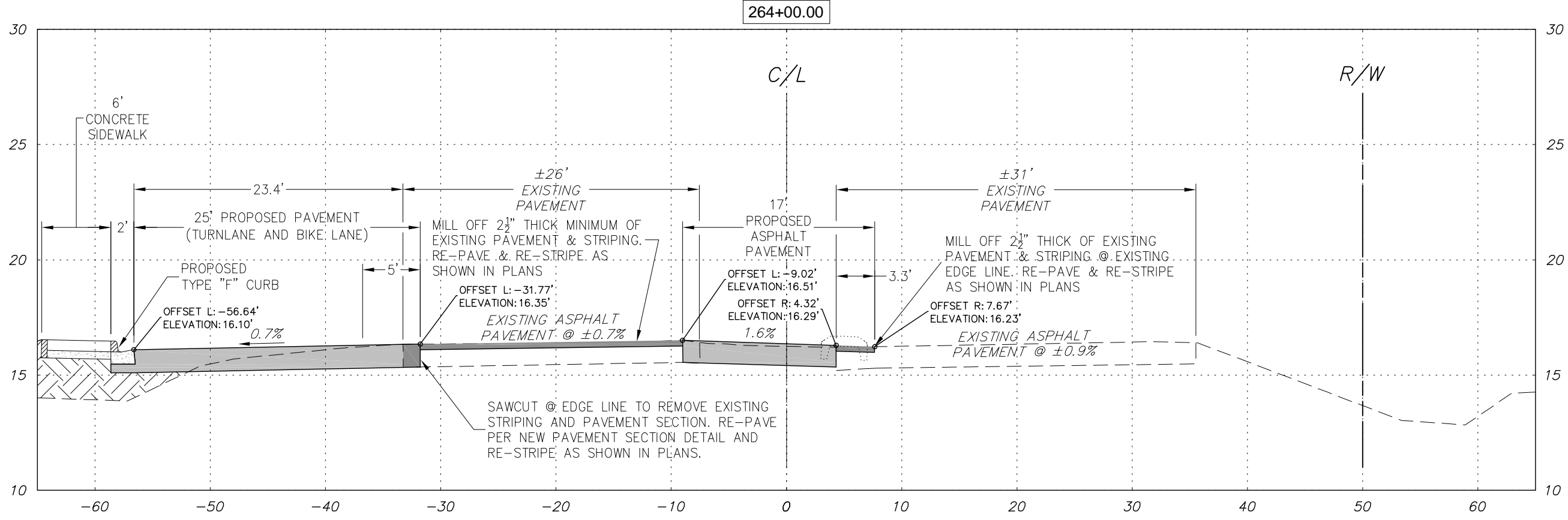
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FDOT - METRO PKWY CROSS SECTIONS 262+00 - 263+00						DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
NORTH AIRPORT ROAD EXTENSION						12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=5' VERT 1"=10' HORZ	31
LEE COUNTY, FLORIDA													



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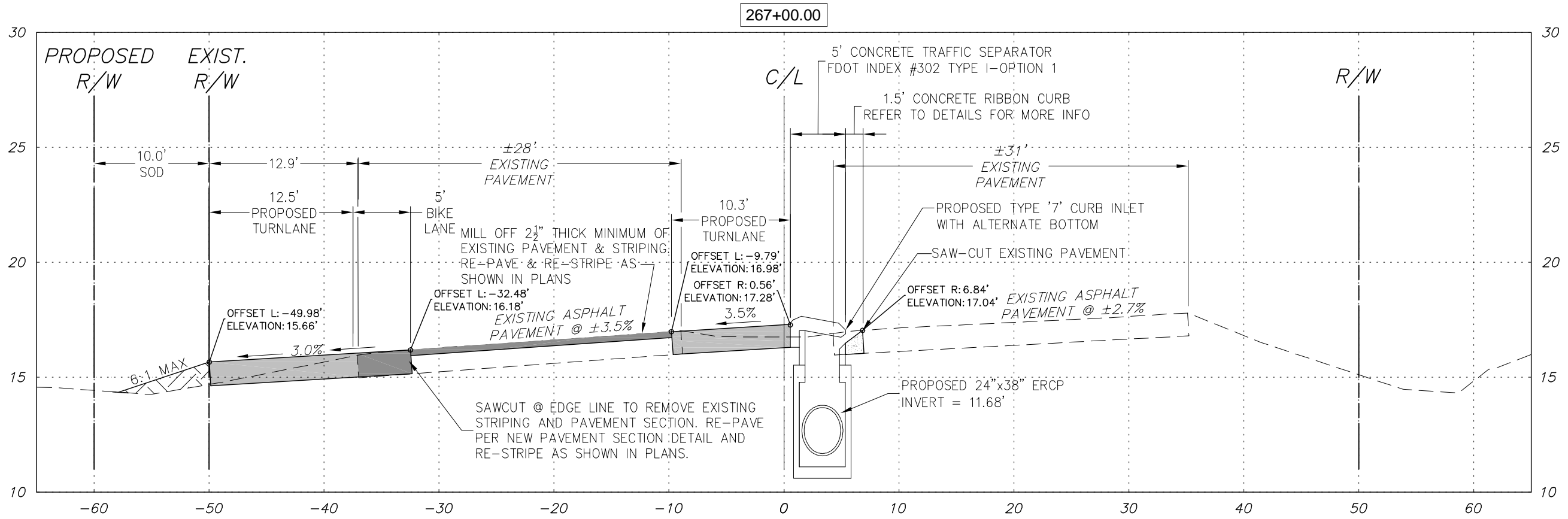
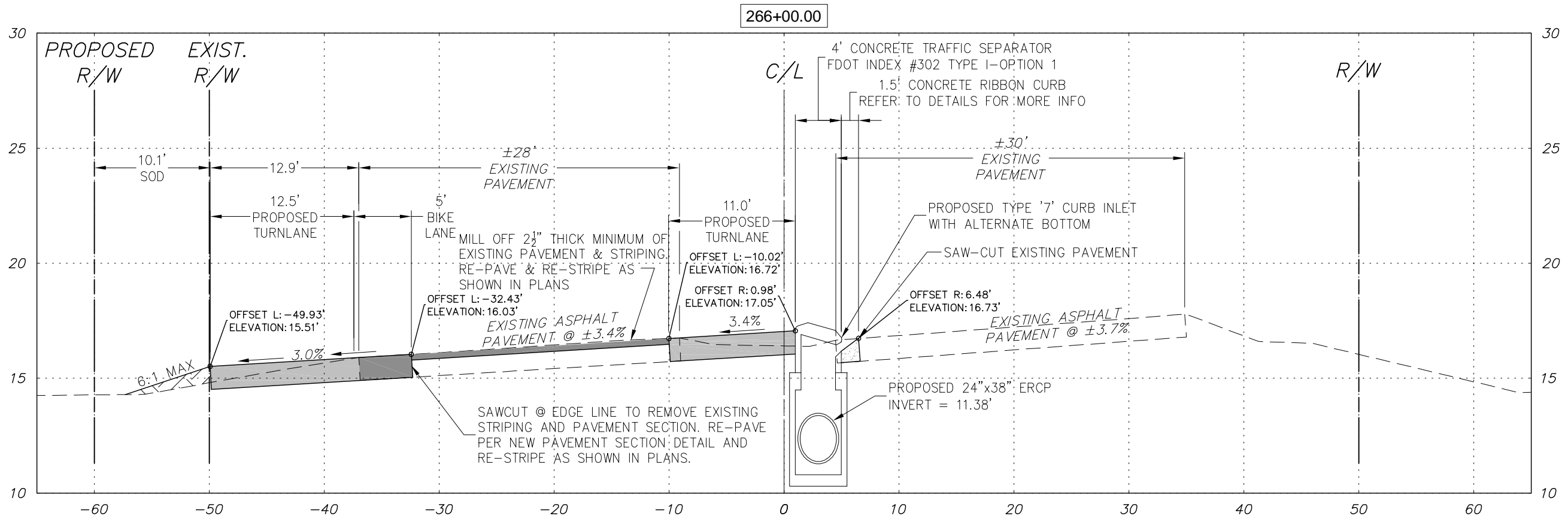
NO.	DATE	REVISION DESCRIPTION	BY

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FDOT - METRO PKWY CROSS SECTIONS 264+00 - 265+00						DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
NORTH AIRPORT ROAD EXTENSION						12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=5' VERT 1"=10' HORZ	32
LEE COUNTY, FLORIDA													



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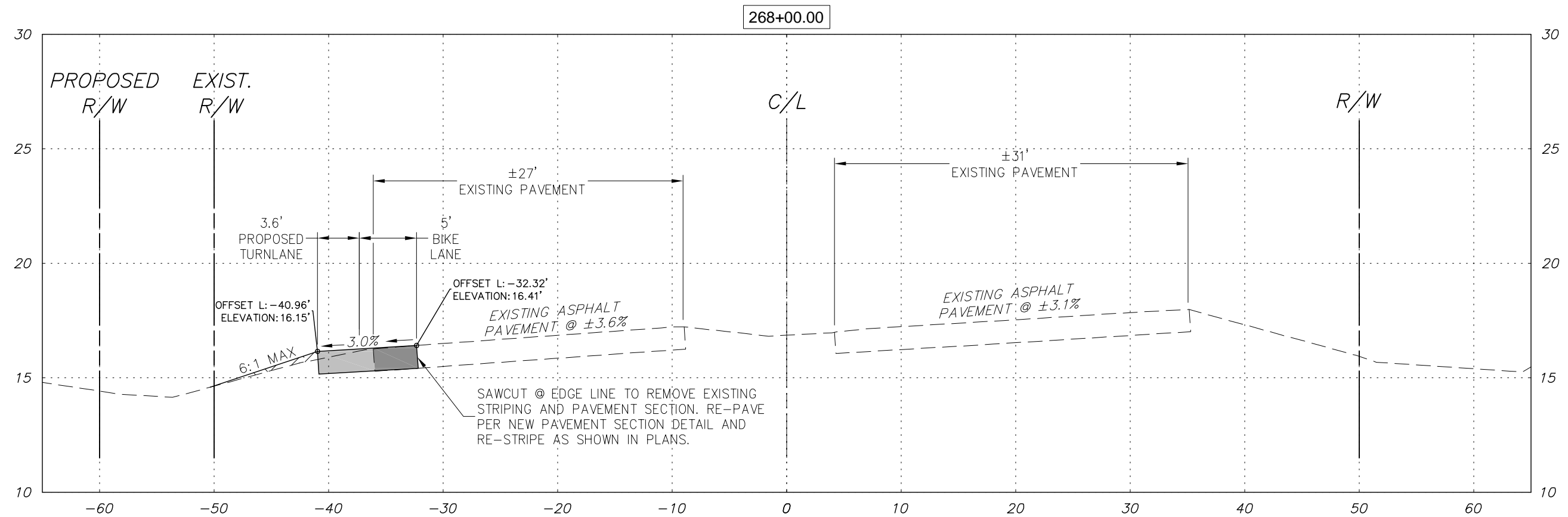
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FDOT - METRO PKWY CROSS SECTIONS 266+00 - 267+00						DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
NORTH AIRPORT ROAD EXTENSION						12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=5' VERT 1"=10' HORZ	33
LEE COUNTY, FLORIDA													



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NO.	DATE	REVISION DESCRIPTION	BY

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FDOT - METRO PKWY CROSS SECTIONS 268+00
NORTH AIRPORT ROAD EXTENSION
 LEE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
12-6-2010	2257A	_SECTIONS	CDC	CDC	CWR	1"=5' VERT 1"=10' HORZ	34

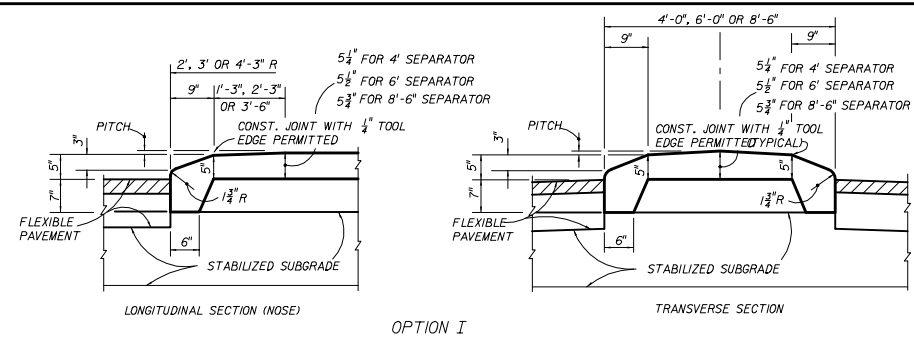
CLAYTON W. REBOL, P.E.
 LICENSE # 70173

SIGNING & PAVEMENT MARKING NOTES:

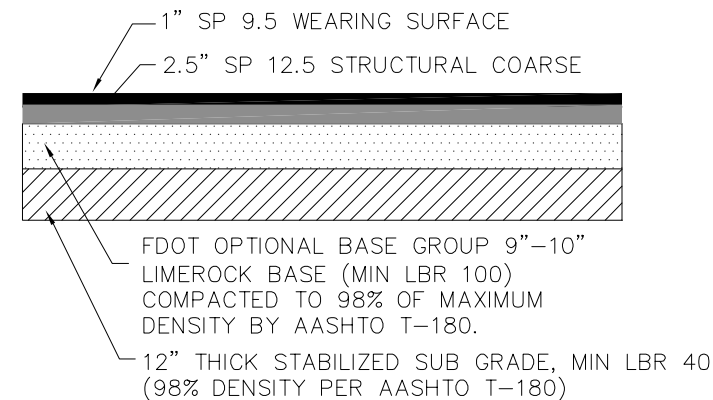
- UPON COMPLETION OF ALL IMPROVEMENTS THE INITIAL STRIPING SHALL BE ACCOMPLISHED BY PAINT. AFTER A 30 DAY "CURING" PERIOD THE ROADWAY WILL THEN BE RE-STRIPED IN PAINT ALONG WITH THE PLACEMENT OF ALL REFLECTIVE PAVEMENT MARKERS (RPM'S).
- ALL SIGNING & STRIPING WITHIN THE F.D.O.T. RIGHT OF WAY IS TO BE THERMOPLASTIC & IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX 17346.
- REFLECTIVE PAVEMENT MARKINGS (R.P.M.'s) TO BE INSTALLED IN ACCORDANCE WITH F.D.O.T. INDEX NO. 17352 AND F.D.O.T STANDARD SPECIFICATIONS SECTION 706.
- ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, & METHOD OF INSTALLATION.
- CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. ANY EXISTING SIGNS TO REMAIN THAT IS DISTURBED, OR RE-LOCATED, SHALL BE RESET TO CURRENT STANDARDS OF HEIGHT, OFFSET, AND METHOD OF INSTALLATION. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY F.D.O.T. OR LEE COUNTY, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER EXPENSE.
- THE POSTED SPEED LIMITS IN THE AREA OF PROPOSED IMPROVEMENTS ARE AS FOLLOWS:
METRO PARKWAY = 45 MPH
NORTH AIRPORT ROAD = 35 MPH
- ALL PAVEMENT MARKINGS TO BE LOCATED IN ACCORDANCE WITH F.D.O.T. INDEX NO. 17346.
- RPM SPACING ON YELLOW SOLID LINES SHALL BE 40 FEET.
- RPM SPACING ON WHITE SOLID LANE LINES (TURN LANES) SHALL BE 20'.
- ALL RPM'S SHALL BE CLASS "B" TYPE AND OFFSET 2" FROM SOLID LINES.
- ALL SIDEWALK CURB RAMPS SHALL BE IN ACCORDANCE WITH F.D.O.T. INDEX 304.

CONSTRUCTION NOTES:

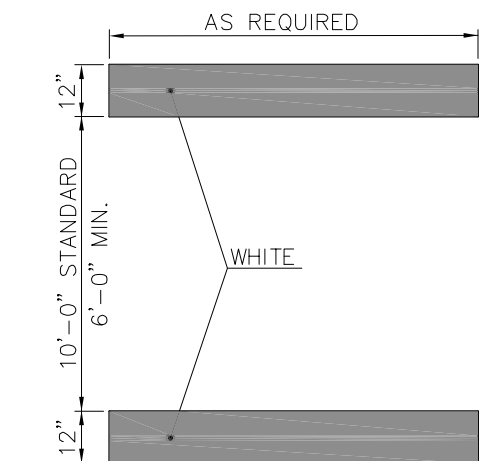
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH FLORIDA DEPT. OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION.
- CONTRACTOR TO DETERMINE & VERIFY LOCATION & ELEVATION OF ANY BURIED UTILITY LINES OR CABLES. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR &/OR REPLACEMENT OF ANY UTILITY LINES OR CABLES DISTURBED BY CONSTRUCTION OPERATIONS.
- SUBGRADE & LIMEROCK BASE COURSES TO BE COMPACTED TO 98% MIN. OF THE MAX. DRY DENSITY AS DETERMINED BY AASHTO T-180 TESTING.
- THE CONTRACTOR SHALL SUPPLY SATISFACTORY DENSITY TESTS OF SUBGRADE & LIMEROCK BASE MATERIALS TO THE ENGINEER PRIOR TO PAYMENT &/OR FINAL ACCEPTANCE. (ONE TEST PER COURSE PER 400 SQUARE YARDS).
- CONTRACTOR SHALL PROVIDE & MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS & INDEXES & THE FEDERAL HIGHWAY ADMINISTRATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART IV.
- CONTRACTOR SHALL SOD ALL DISTURBED AREAS & OTHERWISE RESTORE ALL AREAS TO EXISTING CONDITION OR BETTER.
- CONTRACTOR TO SECURE AND COMPLY WITH F.D.O.T. RIGHT-OF-WAY USE PERMIT.



CONCRETE TRAFFIC SEPARATOR
N.T.S.

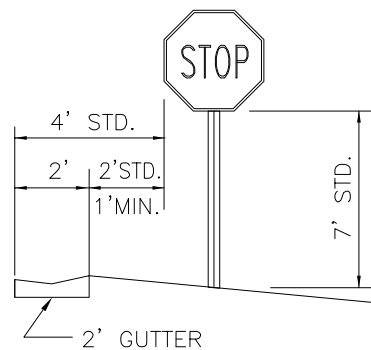


TYPICAL FDOT RIGHT-OF-WAY PAVEMENT SECTION DETAIL
N.T.S.

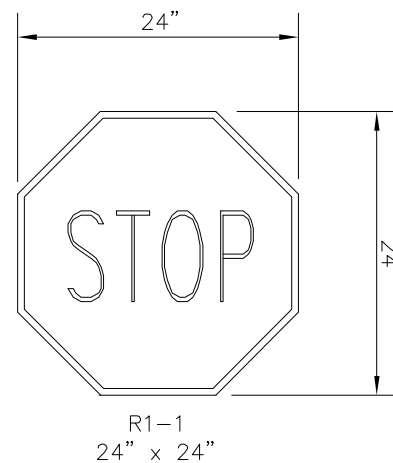


CROSSWALK STRIPING DETAIL
N.T.S.

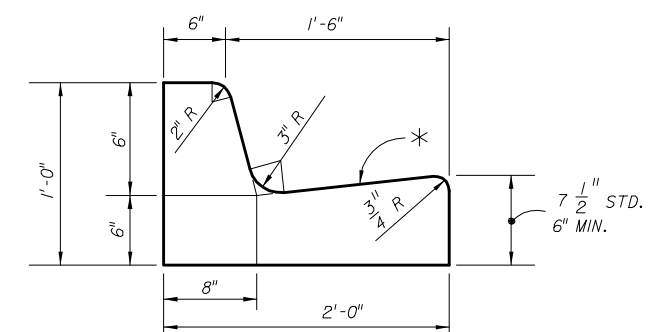
- TRAFFIC STRIPE LOCATION TO BE IN ACCORDANCE WITH F.D.O.T. DETAIL 17346
- TRAFFIC STRIPE MATERIAL TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 710.



TYPICAL SIGN PLACEMENT



24" R1-1 STOP SIGN DETAIL
N.T.S.



*NOTE: WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.

NOTES:

- CONCRETE TO BE F.D.O.T. CLASS I OR EQUAL. (2,500 P.S.I. MINIMUM STRENGTH)
- CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 520.
- WHEN USED ON HIGH SIDE OF PAVEMENTS, THE CROSS SLOPE OF THE GUTTER SHALL SPILL OUT WITH 1" FALL AS SHOWN.

TYPE "F" CURB
N.T.S.

Sunshine State One Call of Florida Call before you dig 1-800-432-4770

- Call 800-432-4770 two full business days before digging. Call 10 days before digging when digging under water.
- Wait the required time for buried utilities to be located and marked.
- Protect the marks during your project. If marks are destroyed, call again.
- Dig safely, using extreme caution when digging within 24 inches on either side of the marks to avoid hitting the buried utility lines.

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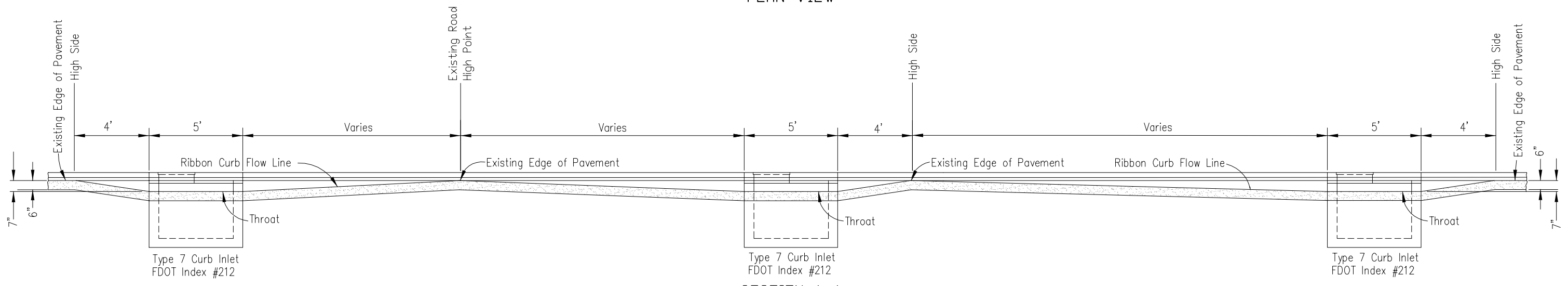
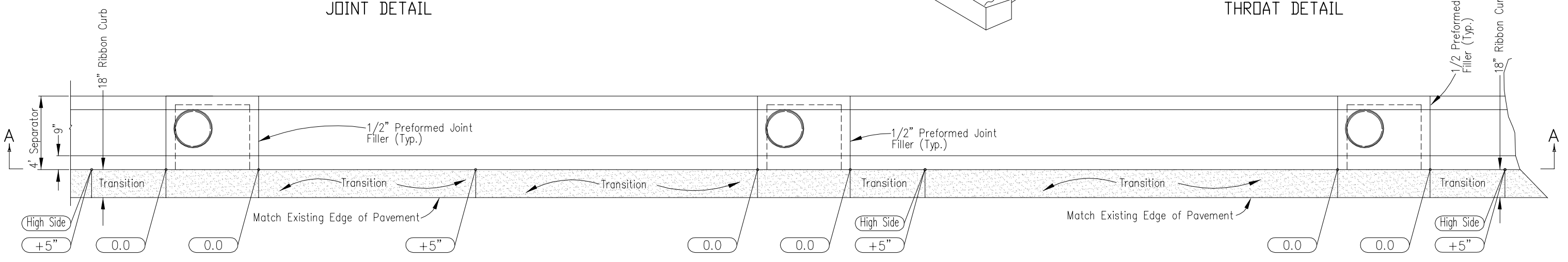
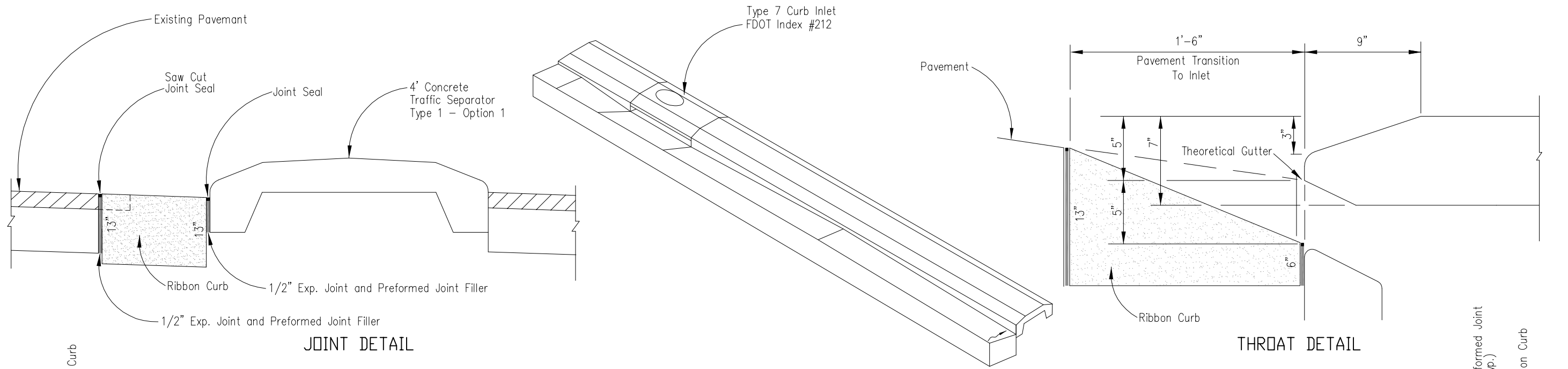
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LICENSE # 70173

PAVING GRADING AND DRAINAGE DETAILS					
NORTH AIRPORT ROAD EXTENSION					
LEE COUNTY, FLORIDA					
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED
12-6-2010	2257A	PGD DTLS	CDC	CDC	CWR
SCALE	SHEET				
NTS	35				

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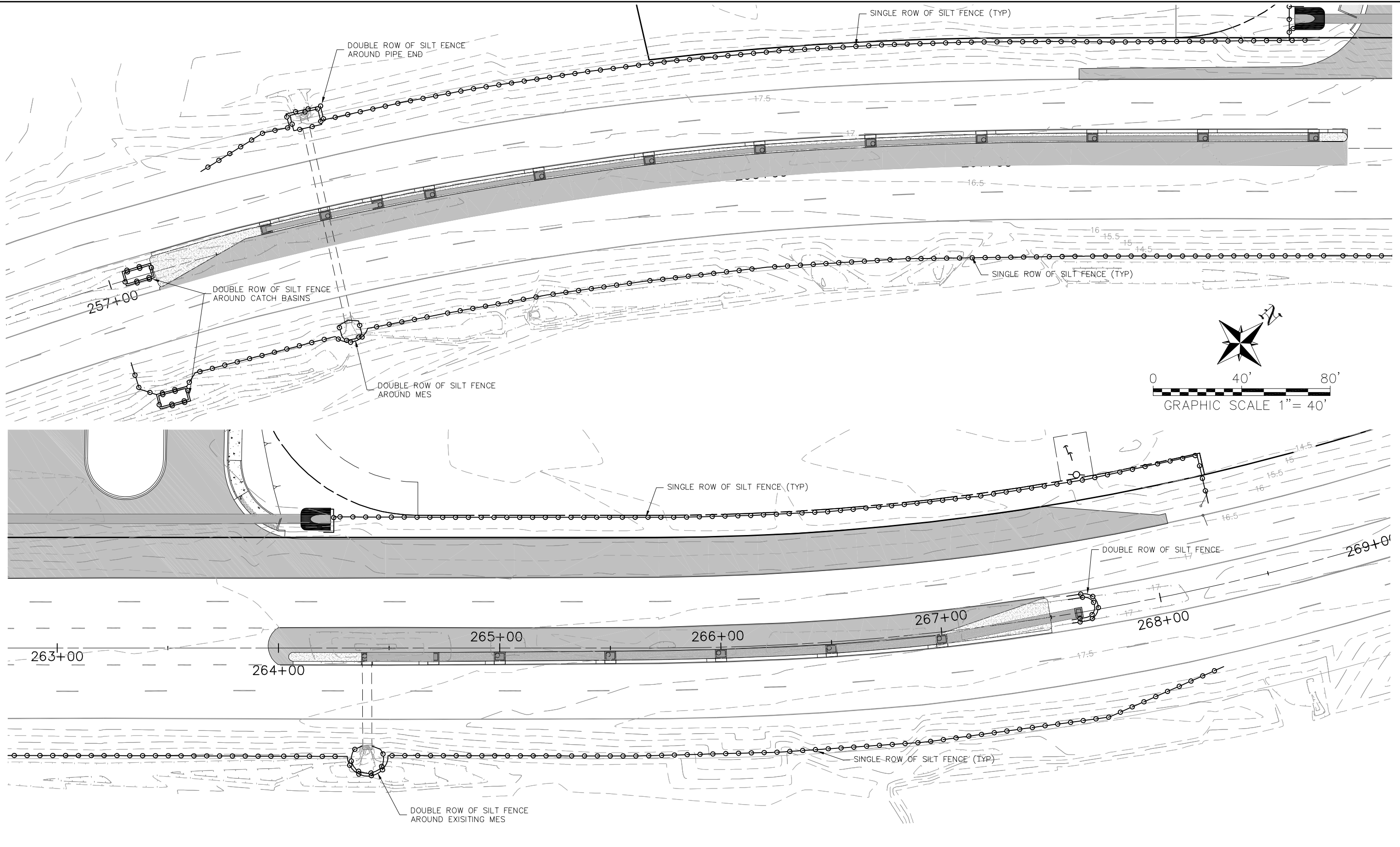
NORTH AIRPORT ROAD EXTENSION



MODIFIED TYPE '7' CURB INLET DETAILS

PREPARED FOR: HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000		NO. DATE REVISION DESCRIPTION BY	BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida 12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM	PAVING GRADING AND DRAINAGE DETAILS NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA					
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
12-6-2010	2257A	PGD DTLs	CDC	CDC	CWR	NTS	36		

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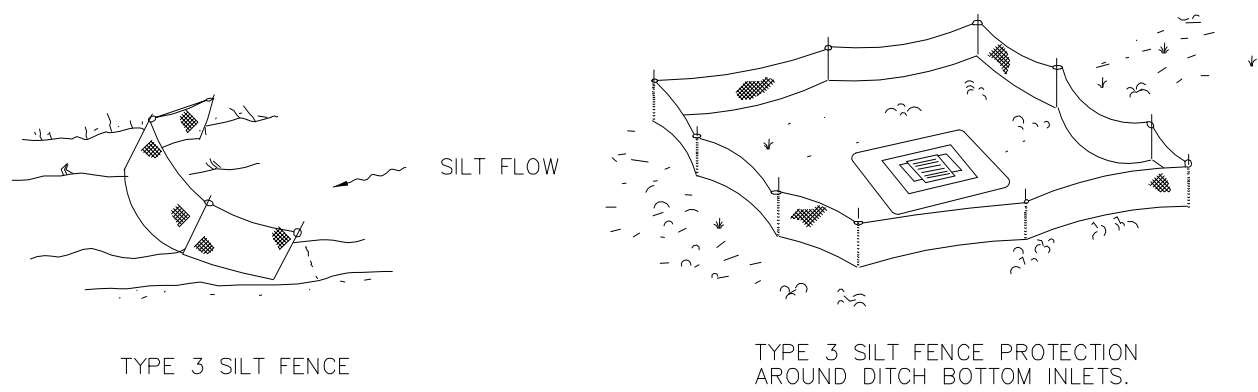
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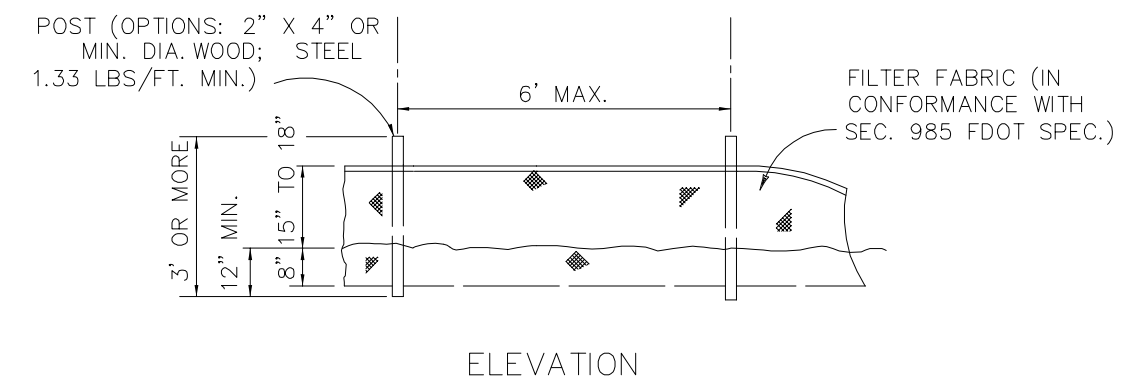
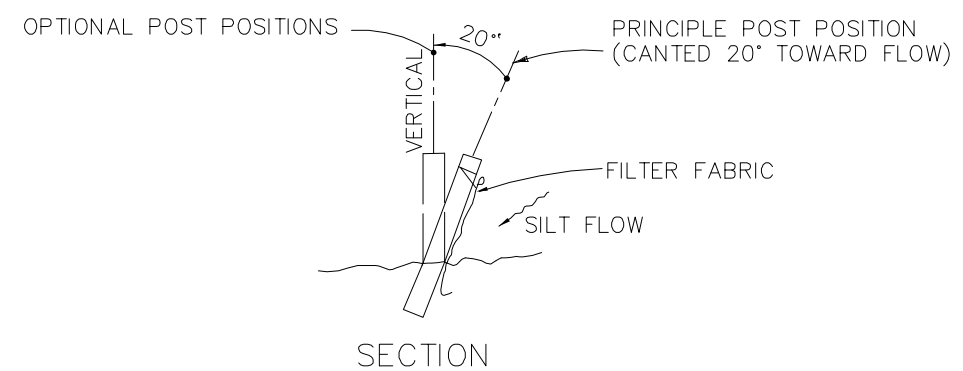
CLAYTON W. REBOL, P.E.
 LICENSE # 70173

BEST MANAGEMENT PRACTICE PLAN					
NORTH AIRPORT ROAD EXTENSION					
LEE COUNTY, FLORIDA					
DATE	PROJECT	DRAWN	DESIGN	DRAWN	CHECKED
12-6-2010	2257A	_PP	CDC	CDC	CWR
SCALE	SHEET				
1"=40'	37				



DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS DETAIL
N.T.S.



NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).
TYPE 3 SILT FENCE DETAIL
N.T.S.

TRAFFIC CONTROL NOTE:
TRAFFIC CONTROL SHALL FOLLOW
FDOT STANDARD INDEX # 613 FOR
MULTI-LANE WORK WITHIN THE
TRAVEL WAY MEDIAN OR OUTSIDE LANE.

S:\JOBS\22XX\2257A\ENGINEERING\DEV PLANS\2257A_BMP_DETAILS.DWG 10/17/2012 3:36 PM CRAIG CROTEAU

PREPARED FOR: HML PROPERTIES, LLC 12995 SOUTH CLEVELAND AVENUE, PBS 34 FORT MYERS, FLORIDA 33907 PHONE: (239) 000-0000 FAX: (239) 000-0000	<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION DESCRIPTION	BY													BANKS ENGINEERING Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida 12653 SW COUNTY ROAD 769 - SUITE B LAKE SUZY, FLORIDA 34269 PHONE: (941) 625-1165 FAX: (941) 625-1149 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM	BEST MANAGEMENT PRACTICE DETAILS NORTH AIRPORT ROAD EXTENSION LEE COUNTY, FLORIDA				
		NO.	DATE	REVISION DESCRIPTION	BY																		
CLAYTON W. REBOL, P.E. LICENSE # 70173	DATE 12-6-2010	PROJECT 2257A	DRAWING _PP	DESIGN CDC	DRAWN CDC	CHECKED CWR	SCALE 1"=40'	SHEET 38															