

THIS CONTRACT PLAN SET INCLUDES

- ROADWAY PLANS
- SIGNING AND MARKING PLANS
- SIGNALIZATION PLANS
- LIGHTING PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SYMBOLS LEGEND
3	GENERAL NOTES
4	SUMMARY OF PAY ITEMS
5-7	DRAINAGE MAP
8-11	TYPICAL SECTIONS
12	SUMMARY OF QUANTITIES
13-19	SUMMARY OF DRAINAGE STRUCTURES
22-24	PROJECT LAYOUT
23-43	ROADWAY PLAN-PROFILES
44-51	INTERSECTION DETAIL SHEETS
52-80	DRAINAGE STRUCTURES
81-82	DRAINAGE DETAILS
83-90	DETENTION PONDS
91	ROADWAY SOIL SURVEY
92-143	CROSS SECTIONS
144-147	STORM WATER POLLUTION PREVENTION PLANS

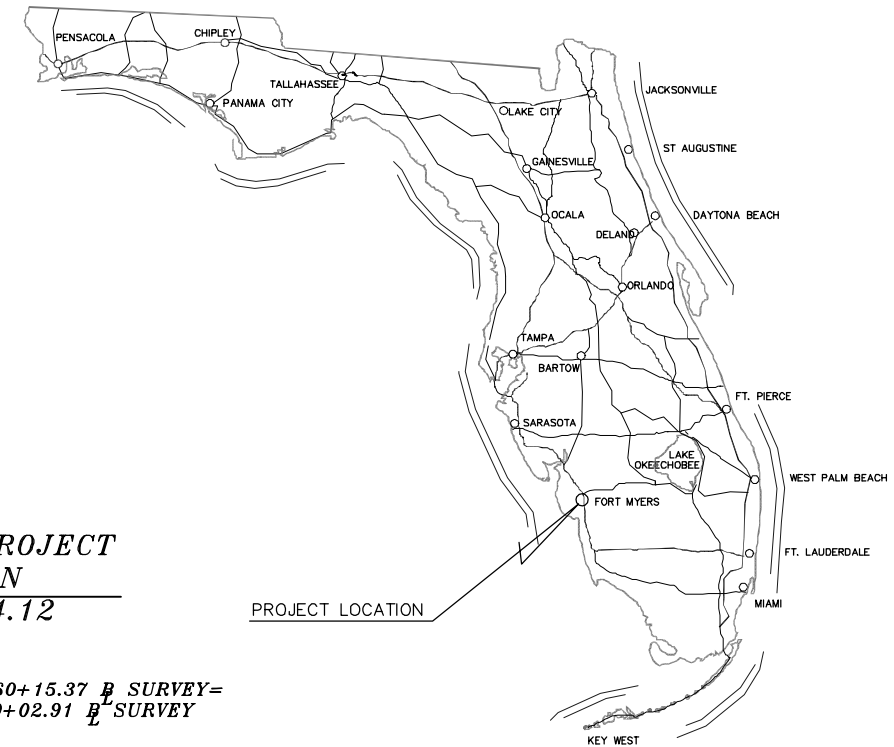
NOTE: THESE ROADWAY PLANS ARE TO BE LET WITH THE PH&A ROADWAY PLANS

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THAT MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

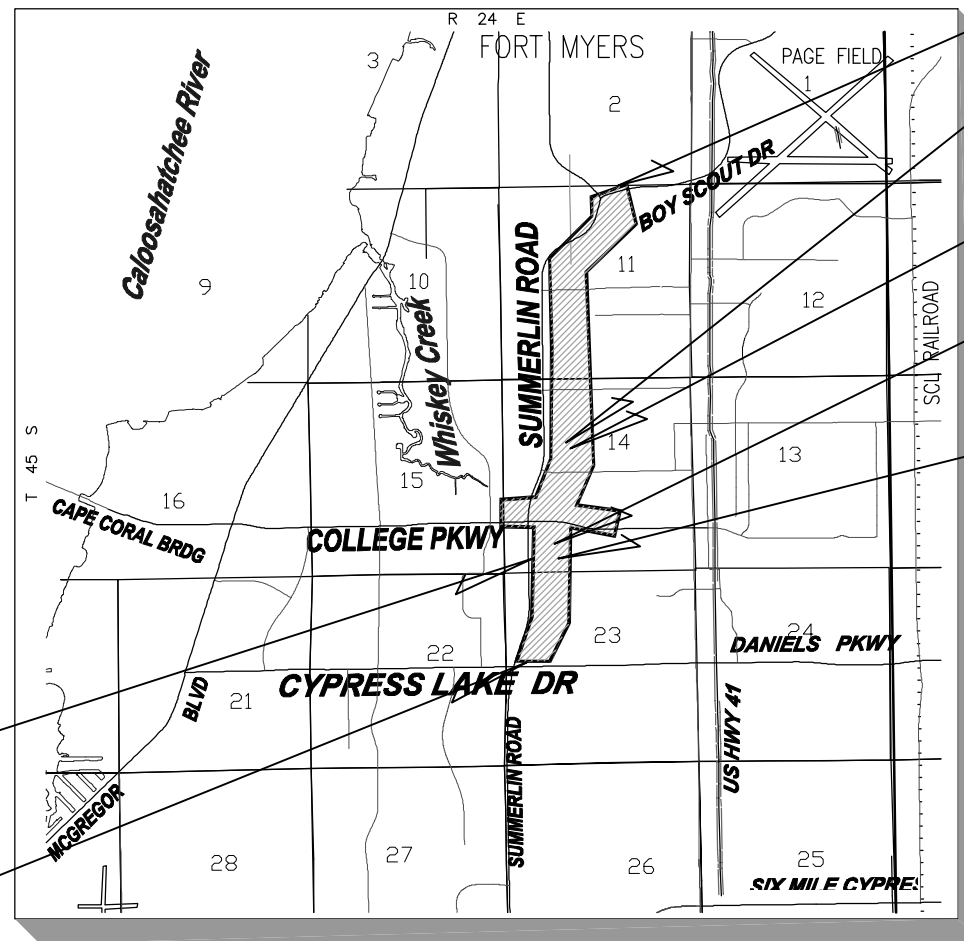
GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2007, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2007, AS AMENDED BY CONTRACT DOCUMENTS.

FOR INTERIM STANDARDS REFER TO THE FOLLOWING WEB SITE:
<http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.htm>

PLANS OF PROPOSED
SUMMERLIN ROAD
SIX LANE IMPROVEMENTS
CYPRESS LAKE DRIVE TO
BOY SCOUT DRIVE
 LEE COUNTY PROJECT No. 6007



PROJECT LOCATION



END PROJECT STATION
335+94.12

EQUATION:
 STA AHEAD 260+15.37 P SURVEY=
 STA BACK 260+02.91 P SURVEY

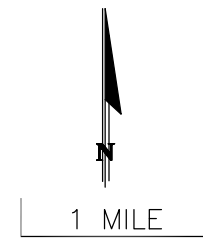
END OVERPASS
258+91.09

EQUATION:
 STA AHEAD 224+15.49 P SURVEY=
 STA BACK 224+15.83 P SURVEY

EQUATION:
 STA AHEAD 218+96.23 P SURVEY=
 STA BACK 218+84.92 P SURVEY

BEGIN OVERPASS
219+84.68

BEGIN PROJECT STATION
197+72.47



PREPARED FOR



COUNTY COMMISSIONERS

- DISTRICT ONE - ROBERT JANES
- DISTRICT TWO - BRIAN BIGELOW
- DISTRICT THREE - RAY JUDAH
- DISTRICT FOUR - TAMMY HALL
- DISTRICT FIVE - FRANK MANN

LEE COUNTY ADMINISTRATOR

DONALD STILWELL

LEE COUNTY DEPARTMENT OF TRANSPORTATION

SCOTT GILBERTSON P.E., DIRECTOR
 SARAH CLARKE, P.E., PROJECT MANAGER

THIS IS TO CERTIFY THAT THESE PLANS AND THE ASSOCIATED CONSTRUCTION PROJECT ARE IN SUBSTANTIAL COMPLIANCE WITH THE LEE COUNTY LAND DEVELOPMENT CODE WITH THE EXCEPTION OF THE FOLLOWING DEVIATIONS WHICH HAVE BEEN APPROVED BY THE DIRECTOR OF PUBLIC WORKS:
 LIST OF DEVIATIONS: NONE

AGNOLI, BARBER & BRUNDAGE, INC.

DEVELOPMENT ORDER APPROVED:
 LEE COUNTY PUBLIC WORKS ADMINISTRATION

PLANS PREPARED BY:



Professional engineers, planners, & land surveyors

Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111
 Lee County: 9990 Coconut Rd., Suite 103, Bonita Springs, FL 34135 (239) 334-1173
 Certificate of Authorization Nos. LB 3664 and EB 3664 Fax: (239) 566-2203

PHASE IV SUBMITTAL
100% PLANS

LENGTH OF PROJECT		
	LIN. FT.	MILES
ROADWAY	9,915.17	1.878
BRIDGES	0	0
NET LENGTH OF PROJECT	9,915.17	1.878
EXCEPTIONS	3,906.41	0.739
GROSS LENGTH OF PROJECT	13,821.65	2.618

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

EDWARD F. TRYKA, III, P.E.

DATE

JIM LAVENDER
 DIRECTOR OF PUBLIC WORKS

DATE

REGISTERED PROFESSIONAL ENGINEER
 FLORIDA CERTIFICATE NO.

DATE

PLAN STAGE: 100%

SYMBOLS LEGEND

MONUMENTATION

- CONCRETE MONUMENT
- EXISTING BENCHMARK
- EXISTING SPOT ELEVATION
- IRON ROD
- NAIL
- SIGN

ABBREVIATIONS

- PROPERTY LINE
- BASE LINE SURVEY
- CENTER LINE
- DELTA ANGLE
- \pm APPROXIMATE
- Abd. ABANDONED
- BE BURIED ELECTRIC
- TBR TO BE REMOVED
- TBA TO BE ABANDON

UTILITIES (ELECTRIC, CABLE, TELEPHONE & GENERAL)

- CONCRETE POLE FOR SIGNAL
- CABLE BOX
- ELEC. BOX
- ELECTRICAL CONTROL PANEL
- ELECTRIC MAN HOLE
- ELECTRIC METER
- ELECTRIC TRANS.
- GUY WIRE
- LAMP POST
- POLELIGHT
- POWER POLE-CONCRETE
- POWER POLE-WOOD
- TELEPHONE RISER
- TELEPHONE SERVICE BOX
- TELEPHONE UTS BOX
- TENSION POLE
- TRAFFIC SIGNAL BOX

UTILITIES (SEWER, WATER & STORM)

- FM VALVE
- WATER HYDRANT
- WATER METER
- WATER VALVE
- SANITARY SEWER MANHOLE
- STORM CATCH BASIN
- STORM DRAIN MANHOLE
- DRAINAGE MANHOLE
- BACKFLOW PREVENTER
- MITERED END SECTION
- DRAINAGE INLET
- MANHOLE
- CLEANOUT
- EXISTING MITERED END SECTION
- LIFT STATION
- SEWER VALVE

EXISTING LINE-TYPE LEGEND

- EXISTING PAVEMENT
- EXISTING BOC
- EXISTING SIDEWALK
- EXISTING RIGHT OF WAY
- EXISTING CONCRETE WALL
- EXISTING CHAINLINK FENCE
- EXISTING SWALE
- EXISTING TREE LINE
- EXISTING EASEMENT LINE
- EXISTING TOP OF BANK

* NUMBER INDICATES PIPE SIZE IN INCHES
24" RCP

- EXISTING STORM SEWER
- EXISTING WATER MAIN
- EXISTING FORCE MAIN
- EXISTING BURIED TELEPHONE LINE
- EXISTING BURIED TELEVISION CABLE
- EXISTING BURIED ELECTRIC
- EXISTING BURIED FIBER OPTIC CABLE
- EXISTING TRANSFORMER LINES
- EXISTING OVERHEAD ELECTRIC

PROPOSED LINE-TYPE LEGEND

- PROPOSED EDGE OF PAVEMENT
- PROPOSED CURB & GUTTER
- PROPOSED SIDEWALK
- PROPOSED PARKING EDGE OF PAVEMENT
- PROPOSED RIGHT OF WAY
- PROPOSED DETENTION POND
- CENTER LINE SWALE

* NUMBER INDICATES PIPE SIZE IN INCHES
24" RCP

- PROPOSED STORM SEWER
- PROPOSED WATER MAIN
- PROPOSED BURIED TELEPHONE LINE
- PROPOSED BURIED TELEVISION CABLE
- PROPOSED BURIED ELECTRIC CABLE

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER & BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: N/A	ACAD DWG: 7508-SYM
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: SYM-1	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: N/A	
	VERT SCALE: N/A	

TITLE:
SUMMERLIN ROAD
SYMBOL LEGEND

SHEET 2
OF 147
FILE NO. 7508


PROJECT GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THE INFORMATION IS NOT GUARANTEED, THEREFORE THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD. A CONTINGENCY ITEM, UTILITY LOCATES, HAS BEEN INCLUDED IN THE ROADWAY PAY ITEMS AND CAN BE USED AT THE DISCRETION OF THE ENGINEER.
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA 48 HOURS MINIMUM PRIOR TO START OF CONSTRUCTION, AND SHALL HAVE ALL SERVICE LINES (UTS, FPL, WATER, CABLE, SANITARY SEWER AND FORCE MAIN) LOCATED AND FLAGGED PRIOR TO EXCAVATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES TO SCHEDULE THE REQUIRED RELOCATIONS. THE LIST WHICH FOLLOWS IS NOT ALL INCLUSIVE:

<u>UTILITY COMPANIES</u>	<u>EMERGENCY PHONE NO.:</u>
LEE COUNTY WATER DISTRIBUTION	(239) 693-1729
LEE COUNTY SEWER LINES, UTILITIES DEPT.	(239) 693-0080
LEE COUNTY UTILITIES ENGINEERS	(239) 479-8176
MEDIAONE	(239) 732-3807
FLORIDA POWER & LIGHT COMPANY	(239) 353-6090
EMBARQ - FLORIDA	(239) 262-6215
SUNSHINE STATE ONE-CALL CENTER	1-800-432-4770
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION, INCLUDING IRRIGATION LINES AND SERVICES. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGED LINES PRIOR TO REPAIR. ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
5. ALL UNITED TELEPHONE CABLES AND POLES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS WILL BE RELOCATED BY UTS.
6. FLORIDA, POWER & LIGHT WILL RELOCATE ALL FPL POWER POLES AND SERVICES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS.
7. ALL EXISTING WATER MAINS AND EXISTING FORCE MAINS THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY THE CONTRACTOR.
8. ALL FINAL FITTINGS AND VALVE LOCATIONS TO BE APPROVED IN THE FIELD BY THE ENGINEER
9. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED.
10. ALL INLINE WATER MAIN VALVES SHALL BE MAIN SIZE.
11. THE CONTRACTOR SHALL COMPLY WITH STANDARDS SET FORTH IN LEE COUNTY ORDINANCE (CONSTRUCTION IN PUBLIC RIGHTS-OF-WAY) AND LEE COUNTY ORDINANCE AS AMENDED (UTILITIES ORDINANCE).
12. THE CONTRACTOR SHALL MINIMIZE THE WORK AREA AND WIDTH OF TRENCHES TO AVOID DISTURBANCES OF NATURAL VEGETATION. SPOIL FROM TRENCHES SHALL BE PLACED ONLY ON PREVIOUSLY CLEARED AREAS OR AS DIRECTED BY THE ENGINEER OR COUNTY. THE CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY TREES OR SHRUBS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A DEWATERING PERMIT FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT AS REQUIRED.
14. THE CONTRACTOR IS REQUIRED TO OBTAIN WRITTEN APPROVAL FROM THE ENGINEER FOR ANY DEVIATIONS FROM THE PLANS AND/OR SPECIFICATIONS.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY REQUIRED PLAN DEVIATIONS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF THE EXISTING STREETS ADJACENT TO THE PROJECT AREA. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH THE FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS AND FDOT STANDARD INDEXES AND WILL OBTAIN APPROVAL OF LCDOT PRIOR TO INSTALLATION. REFER TO OVERPASS PLANS FOR DETAILED TRAFFIC CONTROL PLANS AND NOTES.
17. CONTRACTOR SHALL MARK THE PROPERTY LINE LOCATION AND NOTIFY BUSINESS/HOME OWNERS TO REMOVE ANY EXISTING LANDSCAPING (I.E. SOD, BUSHES, TREES, ETC.) AND/OR SPRINKLER PIPE OR SPRINKLER HEADS AND FENCING THAT IS LOCATED WITHIN THE EXISTING PUBLIC RIGHT-OF-WAY OR EASEMENTS AT LEAST 1 WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
18. ALL EXISTING TREES (UNLESS OTHERWISE NOTED), LANDSCAPING AND PRIVATE SIGNS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED AND/OR RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
19. ALL DRIVEWAYS, LANDSCAPING, SIGNS, GRASS, ETC. SHALL BE RESTORED TO A CONDITION EQUIVALENT TO PRECONSTRUCTION CONDITION UNLESS OTHERWISE APPROVED BY THE ENGINEER.
20. WHERE PROPOSED PIPES CROSS EXISTING PAVEMENT, THE PAVEMENT IS TO BE OPEN CUT UNLESS OTHERWISE NOTED. ALL PAVEMENT CUTS, INCLUDING DRIVEWAY CUTS, SHALL BE PROMPTLY RESTORED PER SPECIFICATIONS TO AVOID UNNECESSARY TRAFFIC DELAYS. TRAFFIC CIRCULATION MUST BE MAINTAINED DURING ALL OPEN CUTS. DETOURS WILL BE ALLOWED IF APPROVED BY LEE COUNTY TRANSPORTATION.
21. CONTRACTOR SHALL NOTIFY RESIDENCES AT LEAST 48 HOURS IN ADVANCE OF ANY DISRUPTION IN SERVICE, INCLUDING DRIVEWAY CUTS.
22. THE CONTRACTOR SHALL PROVIDE 48 HOURS WRITTEN NOTICE TO THE ENGINEER AND COUNTY PRIOR TO THE FOLLOWING ACTIVITIES:
 - A. COMMENCEMENT OF CONSTRUCTION
 - B. CHANGES TO APPROVED SCHEDULES
 - C. CONNECTION TO EXISTING UTILITY SYSTEMS
 - D. WATER MAIN PRESSURE TESTING
 - E. TRENCH AND BACKFILL COMPACTION AND DENSITY TESTING
 - F. FINAL INSPECTIONS
23. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH LEE COUNTY UTILITY DEPARTMENT SPECIFICATIONS.
24. GRADES SHOWN ARE FINISHED GRADES EXCEPT WHERE OTHERWISE SHOWN AND INDICATED AS EXISTING. ELEVATIONS ARE NATIONAL GEODETIC VERTICAL DATUM (NGVD) 1929.
25. ALL REFERENCE POINTS ON PLAN & PROFILE SHEETS ARE AS NOTED. THE BENCH MARK STATIONS AND OFFSETS ARE REFERENCED FROM THE BASELINE OF SURVEY.
26. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED BY THE CONTRACTOR. ALL CORNER MONUMENTS SHALL BE PROPERLY REFERENCED. ANY PUBLIC LAND CORNER THAT HAS BEEN DESTROYED SHALL BE REPLACED BY A REGISTERED SURVEYOR & MAPPER AT THE CONTRACTOR'S EXPENSE.
27. SURVEY BASELINE, BASELINE OF CONSTRUCTION AND STATIONING (INCLUDING STATION EQUATIONS) ARE BASED ON ORIGINAL AGNOLI, BARBER & BRUNDAGE FIELD SURVEY.
28. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER STATUS OF EASEMENTS OR RIGHTS-OF-WAY BEFORE START OF CONSTRUCTION IN AREAS WHERE THERE ARE PROPOSED EASEMENTS OR RIGHT-OF-WAY.
29. PAVEMENT STATIONS AND OFFSET TIES ARE REFERENCED FROM BASELINE OF CONSTRUCTION TO EDGE OF PAVEMENT. WHERE THE CONCRETE SEPARATOR IS SHOWN, THE OFFSET IS TO THE NEAREST EDGE OF THE CONCRETE SEPARATOR.
30. ALL CURB AND GUTTER RADII SHOWN ARE TO THE EDGE OF PAVEMENT.
31. FOR STANDARD ABBREVIATIONS AND SYMBOLS, SEE FDOT INDEX No. 001 & 002 FOR ABB SURVEY SYMBOLS LEGEND REFER TO THE SYMBOLS LEGEND-SHEET 2.
32. MANHOLE FRAMES, COVERS AND VALVE BOXES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE ADJUSTED BY THE CONTRACTOR UNLESS OTHERWISE SHOWN ON THE PLAN.
33. ALL WORK SHALL BE DONE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AS AMENDED BY LEE COUNTY STANDARD SPECIFICATIONS.
34. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL.
35. LEE COUNTY EXPECTS TO HAVE OTHER CONTRACTS UNDER CONSTRUCTION DURING THE LIFE OF THIS CONTRACT. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 8-4.4 OF THE STANDARD SPECIFICATIONS "COORDINATION WITH OTHER CONTRACTORS". THE ENGINEER SHALL COORDINATE THE OTHER INTERFACE AND COOPERATION BETWEEN THE CONTRACTORS IS EXPECTED.
36. THE CONTRACTOR SHALL ENSURE THAT A POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR REGARDING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE IN THE SUMMARY OF ROADWAY PAY ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
37. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
38. ALL OFFSET DISTANCES TO DRAINAGE STRUCTURES SHOWN ON THE PLANS ARE TO THE CENTER OF THE STRUCTURE BOTTOM EXCEPT FOR CURB INLETS OFFSETS WHICH ARE TO THE EDGE OF PAVEMENT.
39. ALL PIPE LENGTHS SHOWN ON THE PLANS ARE INSIDE WALL TO INSIDE WALL OF THE UPSTREAM AND DOWNSTREAM STRUCTURES, ROUNDED UP TO THE NEAREST FOOT.
40. ALL CATCH BASINS AND MANHOLES SHALL HAVE THE APPROPRIATE FDOT TRAFFIC RATED FRAME AND GRATE.
41. WHERE CURB INLET OR MANHOLE TOPS FALL WITHIN THE SIDEWALK, THE RIM SHALL BE CONSTRUCTED FLUSH WITH THE SIDEWALK GRADE.
42. ALL RCP SHALL BE CLASS III, WALL B UNLESS OTHERWISE NOTED.
43. ALL EXISTING WATER MAIN AND FORCE MAIN VALVE RISERS AND OTHER APPURTENANCES SHALL BE EXTENDED TO MATCH PROPOSED GRADES.
44. WHERE SIDEWALK TERMINATES AT THE EDGE OF THE PAVEMENT, A CURB CUT RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 304, JANUARY 2007.
45. DIMENSIONS ARE IN FEET AND DECIMALS UNLESS OTHERWISE NOTED.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION



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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT DATE: AUGUST 2007
DRAWN BY: TAM 24x36 PLOT
CHECKED BY: EFT HORIZ SCALE: N/A
REVIEWED BY: DWB VERT SCALE: N/A
PLOT VIEW/LAYOUT: 11x17 PLOT
GenNotes
CTB NAME: 8000-ROAD HORIZ SCALE: N/A
VERT SCALE: 7508-GenNotes

PLAN STAGE
100%

ABB PROJECT NO.
7993

ACAD DWG:
7508-GenNotes

TITLE:
SUMMERLIN ROAD
GENERAL NOTES

SHEET **3**
OF **147**
FILE NO. **7508**

SUMMARY OF ROADWAY PAY ITEMS

Item No.	Item Description	Unit	Quantity
101-1	Mobilization	LS	1
102-1	Maintenance of Traffic	LS	1
102-3	Commercial Material For Driveway Maintenance	CY	1,000
104-10-1	Baled Hay or Straw	EA	3,448
104-11	Floating Turbidity Barrier	LF	170
104-13-1	Staked Silt Fence (Type III)	LF	44,832
104-15	Soil Tracking Prevention Device	EA	3
104-16	Rock Bags	EA	1,340
110-1-1	Clearing & Grubbing (41.10 Ac)	LS	1
110-4	Removal of Existing Concrete Pavement	SY	9,812
120-1	Regular Excavation	CY	38,171
120-4	Subsoil Excavation	CY	5,000
120-6	Embankment	CY	8,951
121-70	Flowable Fill	CY	100
160-4	Type "B" Stabilization	SY	86,087
162-3-101	Finish Soil Layer (Grassing Operations)(6")	SY	9,795
285-706	Base, Optional (Base Group 6)	SY	1,904
285-709	Base, Optional (Base Group 9)	SY	76,782
285-709A	ABC Base (Base Group 9)	SY	120
285-711A	ABC Base (Base Group 11)	SY	260
327-70-1	Milling Asphalt Pavement (1" Avg. Depth)	SY	16,569
331-2	Asphaltic Concrete Type S (Overbuild - 3" Avg Depth)	TN	86.0
331-2-100	Asphaltic Concrete Type S (100 lb/sy)	SY	95,635
331-2-150	Asphaltic Concrete Type S (150 lb/sy)	SY	1,904
331-2-250	Asphaltic Concrete Type S (250 lb/sy)	SY	76,782
400-1-2	Concrete Class I (Endwalls)	CY	4.48
400-1-11	Concrete Class I (Retaining Walls)	CY	387.6
425-1-351	Inlets (Curb Type P-5)(<10')	EA	27
425-1-361	Inlets (Curb Type P-6)(<10')	EA	21
425-1-362	Inlets (Curb Type P-6)(>10')	EA	1
425-1-451	Inlets (Curb Type J-5)(<10')	EA	9
425-1-452	Inlets (Curb Type J-5)(>10')	EA	1
425-1-461	Inlets (Curb Type J-6)(<10')	EA	5
425-1-462	Inlets (Curb Type J-6)(>10')	EA	1
425-1-521	Inlets (Dt Bot Type C)(<10')	EA	7
425-1-531	Inlets (Dt Bot Type C)(Modified)(<10')	EA	10
425-1-551	Inlets (Dt Bot Type E)(<10')	EA	2
425-1-559	Inlets (Dt Bot Type E)(Modified)(<10')	EA	1
425-1-559	Inlets (Dt Bot Type E)(<10')(Control Structure)	EA	2
425-1-581	Inlets (Dt Bot Type H)(<10')	EA	6
425-1-589	Inlets (Dt Bot Type H)(<10')(Control Structure)	EA	1
425-1-589	Inlets (Dt Bot Type H)(Modified)(<10')(Control Structure)	EA	1
425-1-901	Inlets (Special VG)(<10')	EA	2
425-2-41	Manholes (P-7)(<10')	EA	6
425-2-61	Manholes (P-8)(<10')	EA	15
425-2-91	Manholes (J-8)(<10')	EA	4
425-2-92	Manholes (J-8)(>10')	EA	3

SUMMARY OF ROADWAY PAY ITEMS


Item No.	Item Description	Unit	Quantity
425-4	Adjust Inlets	EA	3
425-5	Adjust Manholes	EA	7
425-5-1	Adjust Manholes (Utilities)	EA	2
430-171-123	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(15")	LF	18
430-171-125	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(18")	LF	3,251
430-171-129	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(24")	LF	2,521
430-171-133	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(30")	LF	221
430-171-138	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(36")	LF	1,831
430-171-140	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(42")	LF	828
430-171-141	Pipe Culvert Optional Material (Storm Sewer)(Round Shape)(48")	LF	168
430-171-233	Pipe Culvert Optional Material (Storm Sewer)(Elip. Shape)(24"x38")	LF	2
430-830	Pipe Filling & Plugging	CY	691.5
430-982-125	Mitered End Section (Cross Drain)(Optional Round)(18")	EA	1
430-982-129	Mitered End Section (Cross Drain)(Optional Round)(24")	EA	13
455-133-3	Sheet Piling, Steel (Furnish & Install Permanent)	SF	1,440
515-2-302	Pedestrian/Bicycle Railing (Aluminum Only)(54" Picket Railing)	LF	1,587
520-1-10	Concrete Curb and Gutter (Type F)	LF	30,093
520-2-1	Concrete Curb (Type A)	LF	83
520-3	Valley Gutter, Concrete	LF	989
520-5-41	Traffic Separators (Concrete)(Type IV)(4' Wide)	LF	500
520-70	Traffic Separators (Concrete)(Special)(Variable Width)	LF	303
522-1	Concrete Sidewalk, 4" Thick	SY	11,147
522-2	Concrete Sidewalk, 6" Thick	SY	29
550-10-9	Remove and Replace Existing Wood Fence (In-Kind)	LF	888
550-10-220	Fencing	LF	1,751
575-1-1	Sodding (Bahia)(Includes Water, Fertilizer and Mowing)	SY	52,514
1090-137-05	Pipe (PVC)(Irrigation Sleeve, 2" Dia.)	LF	202
1090-137-07	Pipe (PVC)(Irrigation Sleeve, 4" Dia.)	LF	121
1090-137-08	Pipe (PVC)(Irrigation Sleeve, 6" Dia.)	LF	194

ROADWAY PAY ITEM NOTES

- 102-1 MAINTENANCE OF TRAFFIC PAY ITEM INCLUDES ALL COSTS, MATERIALS AND LABOR TO MAINTAIN TRAFFIC AND DETOUR NOT SPECIFICALLY SHOWN IN THE TRAFFIC CONTROL PLANS. (I.E. SIGNING & MARKING, BARRIER WALL, BARRICADING, TRAFFIC DIVERSION, SIGNALS, DRAINAGE PIPES/STRUCTURES, ADJUSTING DRAINAGE STRUCTURES, ETC.)
- 104-10 BASED ON REPLACEMENT EVERY 3 MONTHS.
- 104-13-1 BASED ON REPLACEMENT EVERY 12 MONTHS.
- 110-1-1 CLEARING AND GRUBBING SHALL INCLUDE THE REMOVAL OF EXISTING LIGHTING POLES AND RELATED EQUIPMENT.
- 430- THE COST OF RESTORING PAVEMENT (STABILIZATION, BASE AND ASPHALT), CURB & GUTTER, SIDEWALK, ETC., REMOVED ONLY FOR THE PURPOSE OF CONSTRUCTING PIPE CULVERT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PIPE CULVERT.
- 575-1-1 INCLUDES SODDING, WATER FOR GRASS AT A RATE OF ONE INCH OF WATER PER WEEK FOR A MINIMUM OF FOUR CONSECUTIVE WEEKS, FERTILIZER AT A RATE OF 400 LB/AC AND MOWING EVERY SIX WEEKS.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

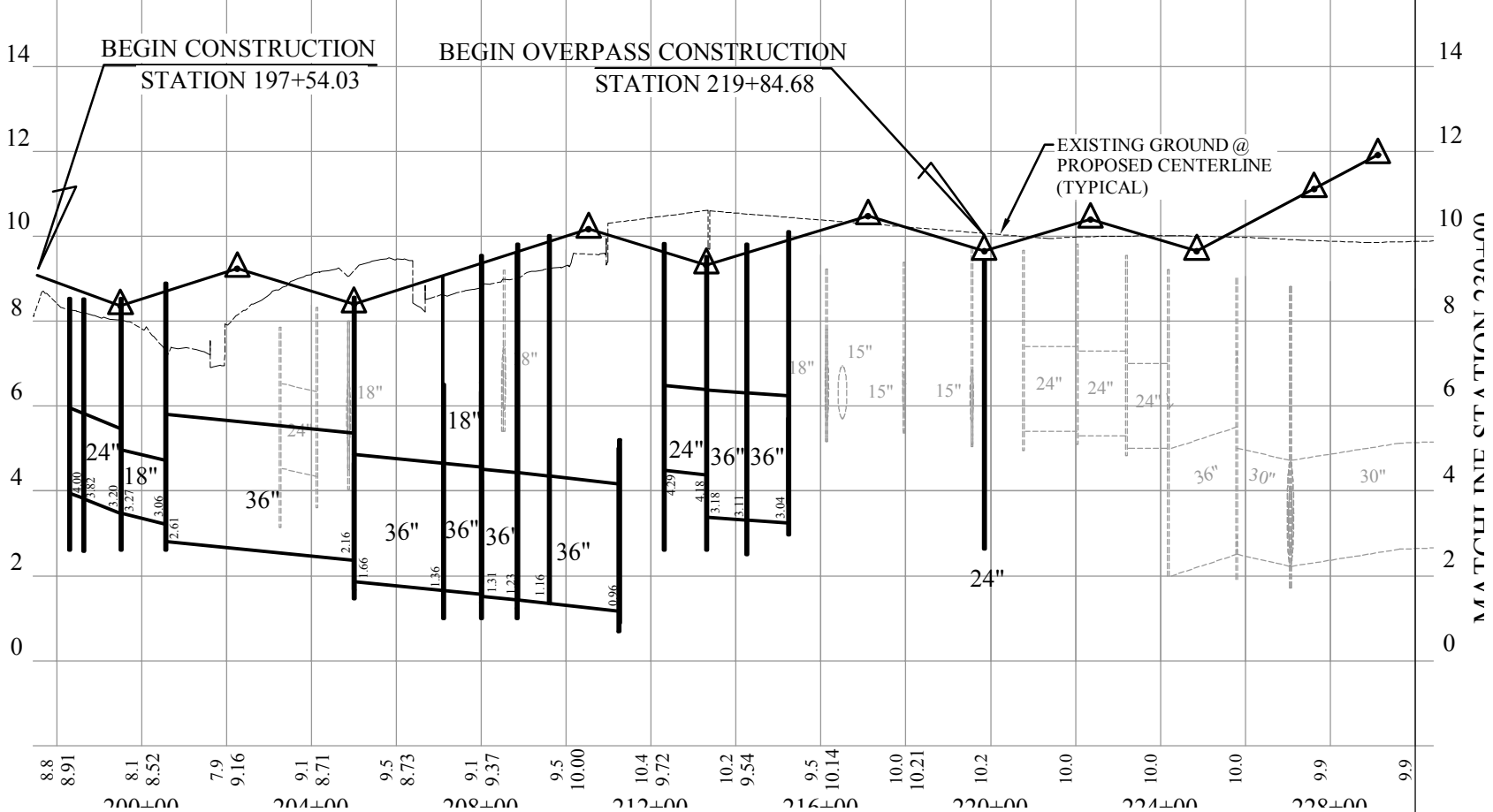
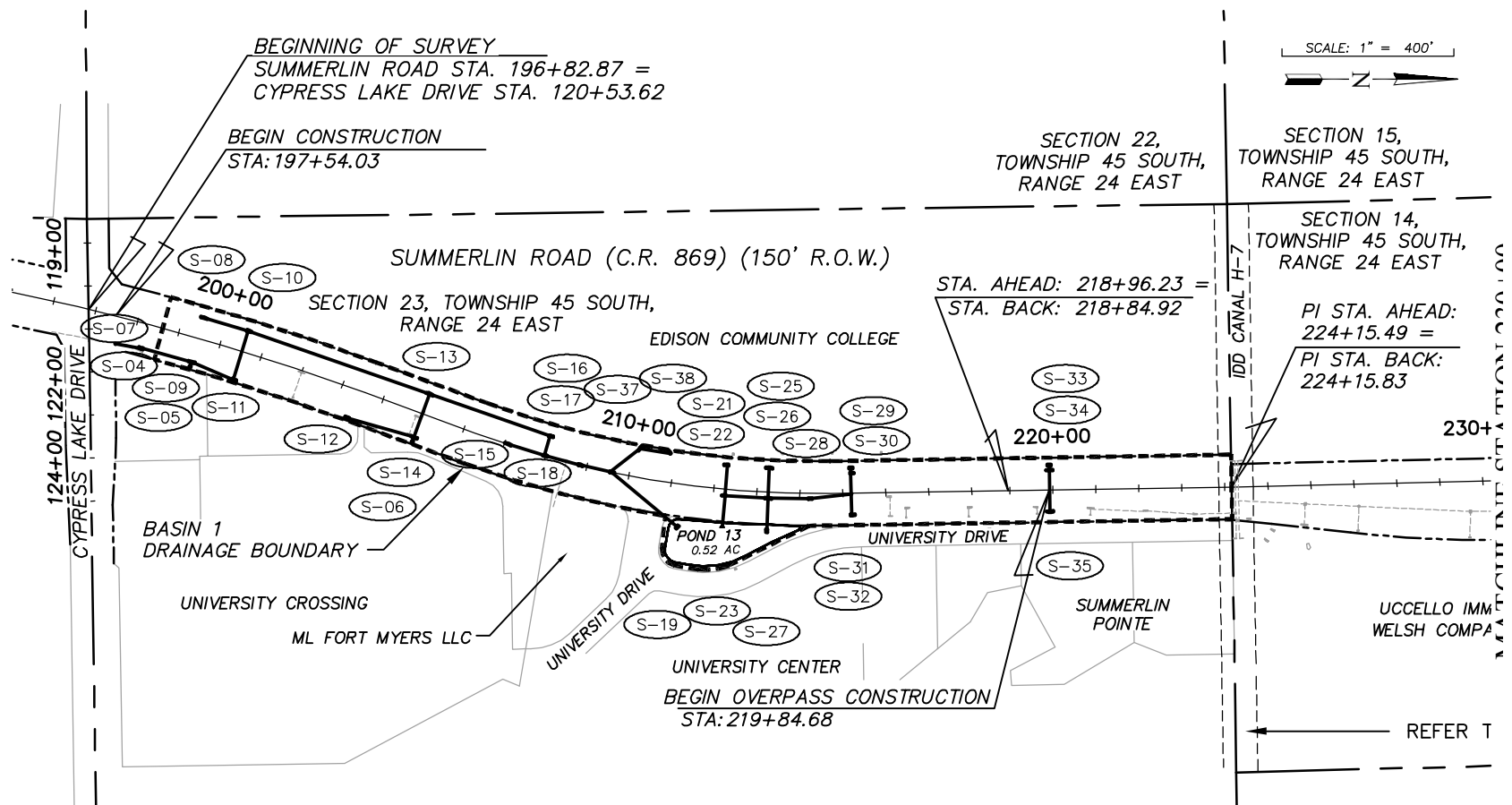
**LEE COUNTY
DEPT. OF TRANSPORTATION**


**AGNOLI
BARBER &
BRUNDAGE, INC.**
 Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: N/A	ACAD DWG: 7508-SOPI
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: SOPI	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: N/A	
	VERT SCALE: N/A	

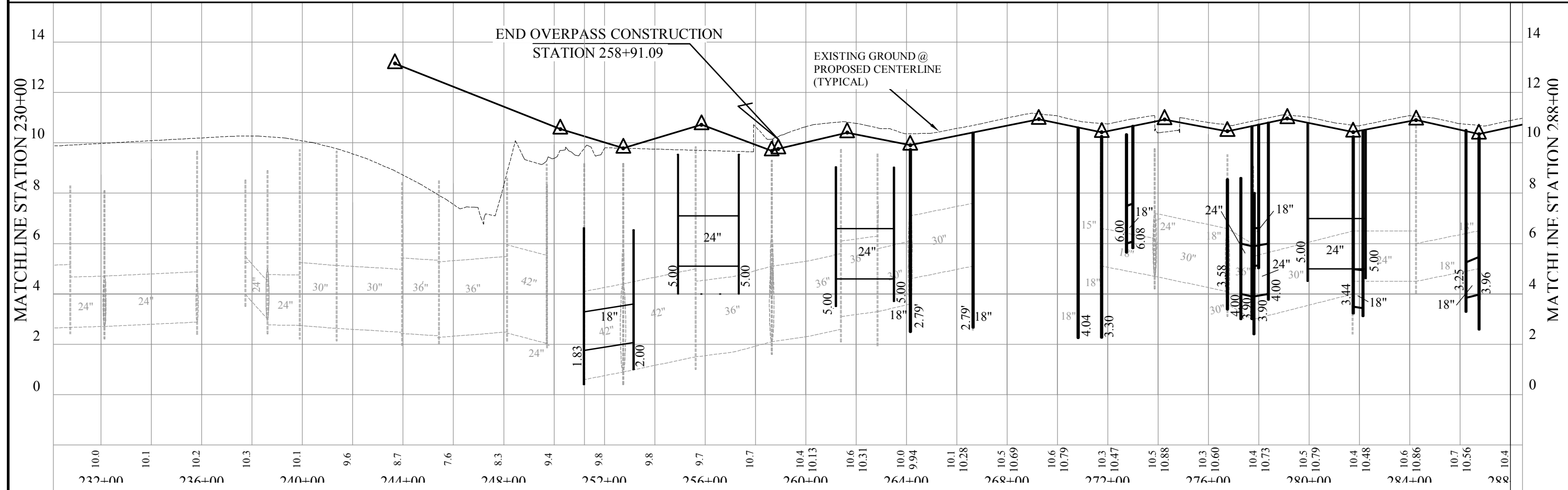
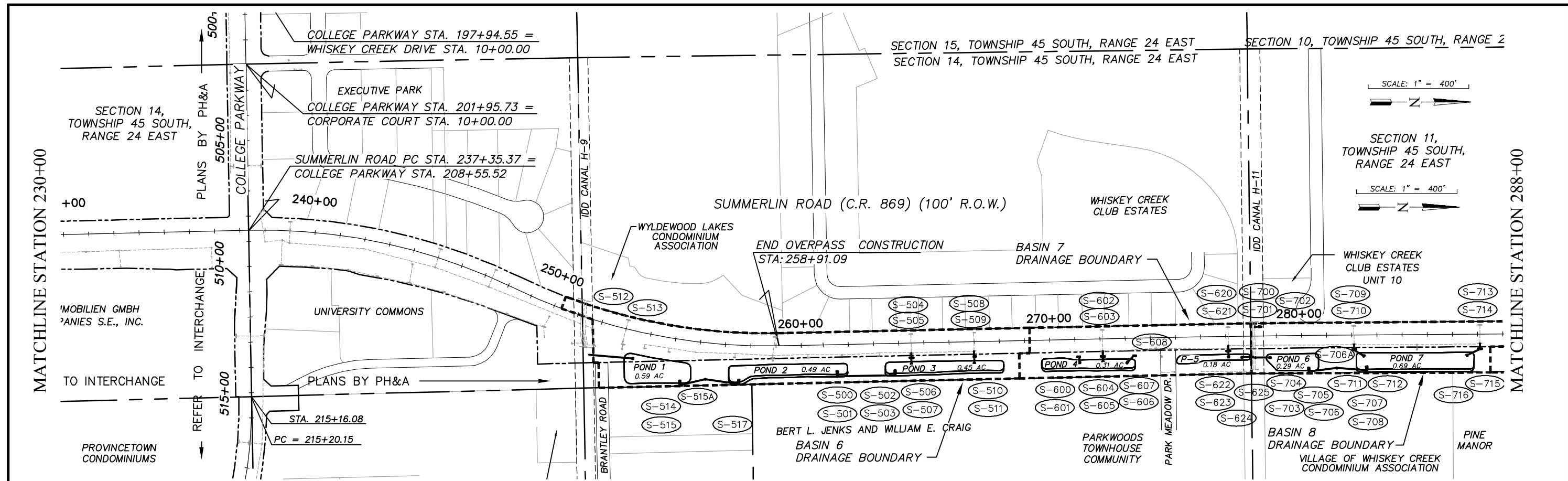
TITLE:
**SUMMERLIN ROAD
SUMMARY OF
PAY ITEMS**

Basin 1 Drainage Areas		Basin 6 Drainage Areas		Basin 7 Drainage Areas		Basin 8 Drainage Areas		Basin 9 Drainage Areas		Basin 10 Drainage Areas	
Structure Number	Area Acres	Structure Number	Area Acres	Number Structure	Area Acres	Number Structure	Area Acres	Number Structure	Area Acres	Number Structure	Area Acres
S-08	0.61	S-504	0.71	S-600	0.22	S-702	0.16	S-717	0.36	S-804	0.23
S-09	0.45	S-506	0.64	S-602	0.71	S-709	0.74	S-719	0.32	S-805	0.10
S-10	0.28	S-508	0.37	S-604	0.34	S-711	0.66	S-725	0.70	S-806	0.31
S-11	0.25	S-510	0.33	S-607	0.20	S-713	0.69	S-727	0.63	S-807	0.87
S-12	0.17			S-620	0.50	S-715	0.62	S-729	0.17	S-811	0.19
S-13	0.87			S-622	0.62			S-735	0.56	S-814	0.19
S-14	0.30							S-737	0.42	S-813	0.41
S-15	0.35							S-738	0.38	S-820	0.19
S-16	0.22							S-739	0.15	S-825	0.15
S-17	0.15									S-826	0.30
S-18	0.14									S-827	0.54
S-21	0.22									S-828	0.30
S-22	0.13									S-829	0.38
S-25	0.48									S-831	0.21
S-26	0.24									S-833	0.26
S-28	0.11									S-834	1.11
S-30	0.26									S-835	0.55
S-32	0.25									S-837	0.49
S-34	0.54									S-841	0.29
S-35	0.52									S-843	0.38
S-36	0.11									S-845	0.54
S-37	0.14									S-846	0.63
S-38	0.16									S-900	0.08
										S-901	0.05
										S-903	0.18
										S-904	0.09



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: MDRN-1 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 200' VERT SCALE: 1" = 2' 11x17 PLOT HORIZ SCALE: 1" = 400' VERT SCALE: 1" = 4'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-MDRN	TITLE: SUMMERLIN ROAD DRAINAGE MAP STATION BEGIN TO 230+00	SHEET 5 OF 147 FILE NO. 7508
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NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

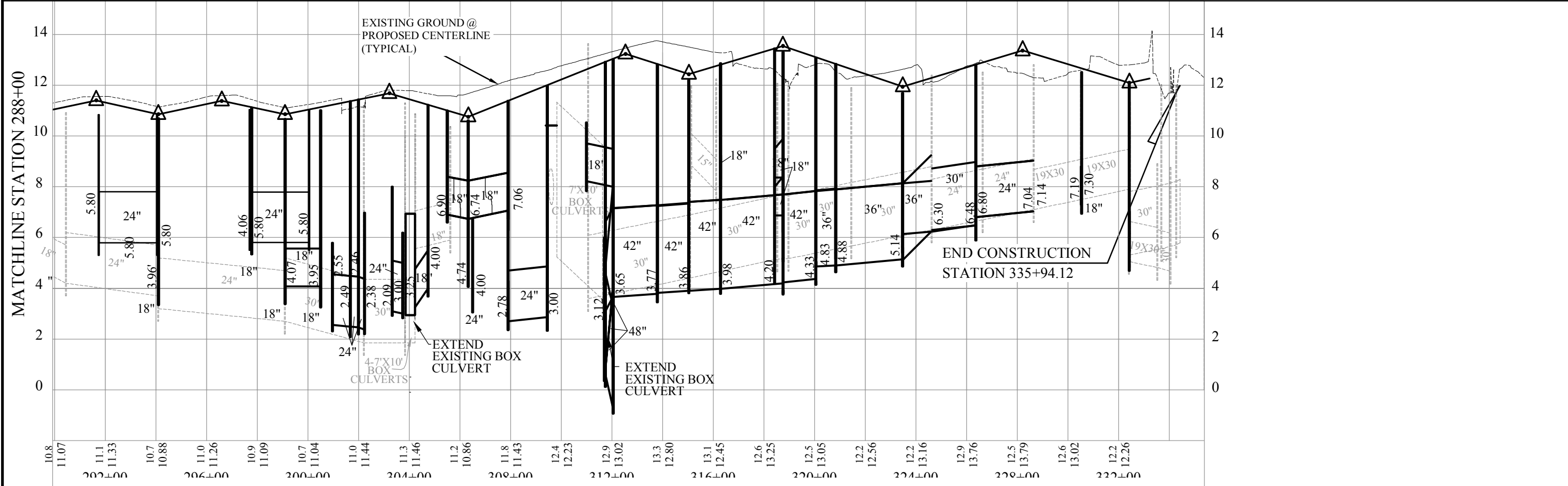
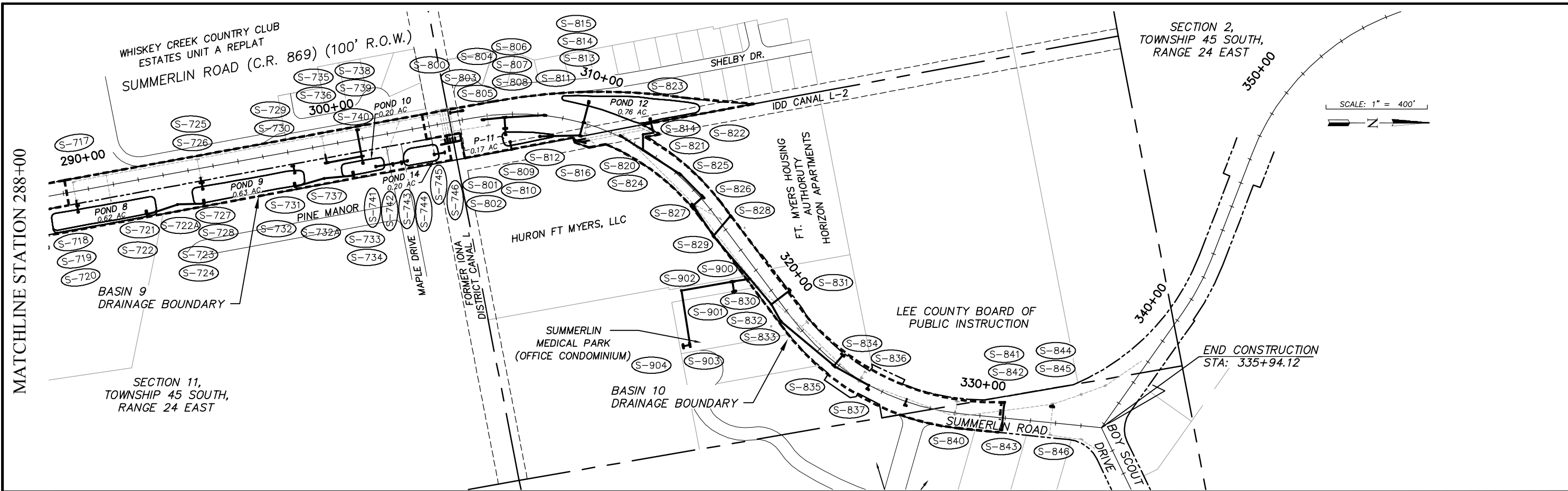
LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT DATE: AUGUST 2007 PLAN STAGE: 100%
 DRAWN BY: TAM 24x36 PLOT ABB PROJECT NO.:
 CHECKED BY: EFT HORIZ SCALE: 1" = 200' 7993
 REVIEWED BY: DWB VERT SCALE: 1" = 2'
 PLOT VIEW/LAYOUT: 11X17 PLOT ACAD DWG:
 MDRN-2 HORIZ SCALE: 1" = 400' 7508-MDRN
 CTB NAME: 8000-ROAD VERT SCALE: 1" = 4'

SUMMERLIN ROAD
DRAINAGE MAP
STATION 230+00 TO 288+00

SHEET **6**
OF **147**
FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

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BRUNDAGE, INC.**
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 200'	ACAD DWG: 7508-MDRN
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: MDRN-3	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 400'	
	VERT SCALE: 1" = 4'	

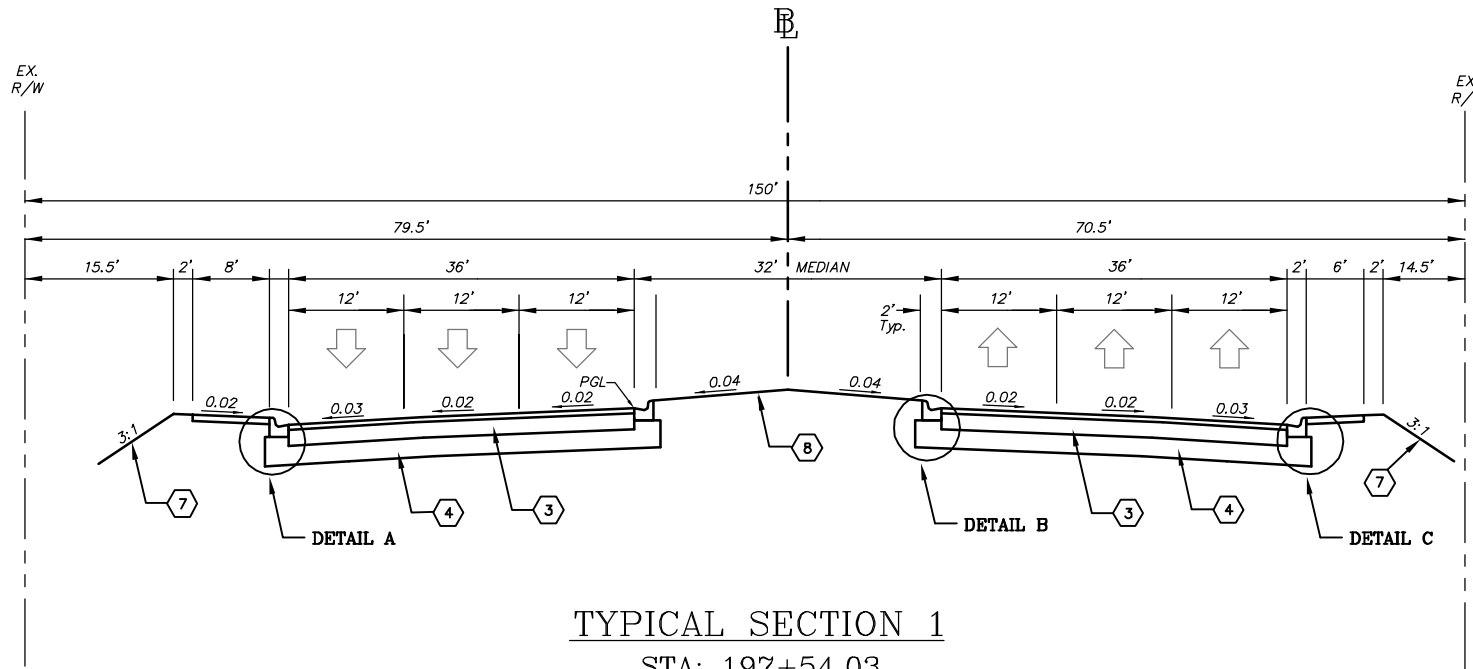
**TITLE: SUMMERLIN ROAD
DRAINAGE MAP
STATION 288+00 TO END**

SHEET **7**
OF **147**
FILE NO. 7508

TRAFFIC DATA
 2000 AADT = 32,190
 2010 AADT = 35,838
 2020 AADT = 44,420
 D = 50.03, T = 0.03 (24 HOURS)
 DESIGN SPEED = 45 MPH

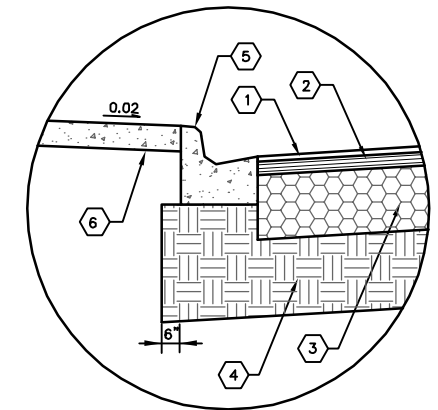
ROADWAY TYPICAL SECTION NOTES:

1. AT SIDE STREETS WHERE PROPOSED PAVEMENT MEETS THE EXISTING PAVEMENT, THE INTERFACE SHALL BE SAW CUT TO PROVIDE A FLUSH FINISH SURFACE.
2. REMOVED LIMEROCK BASE MAY NOT BE REUSED AS BASE. IT MAY BE INCORPORATED AS STABILIZER IN THE STABILIZED SUBGRADE.
3. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM WIDTH BASE WIDENING STRIP AT NO ADDITIONAL COST.

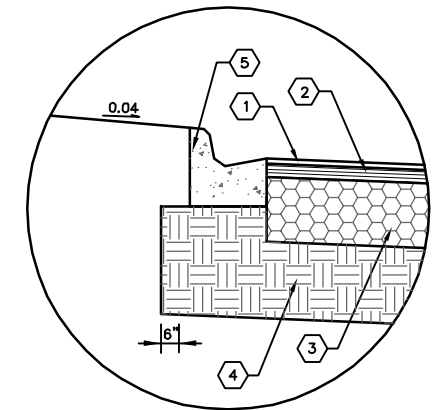


TYPICAL SECTION 1

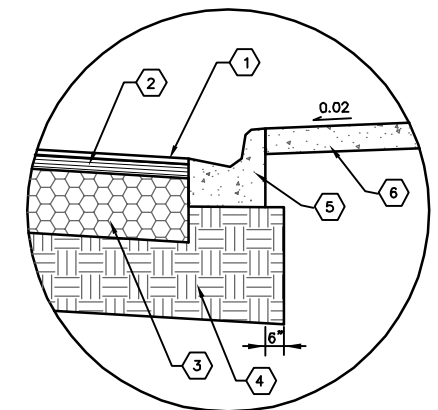
STA: 197+54.03
 TO
 STA: 206+23.02



DETAIL A
N.T.S.



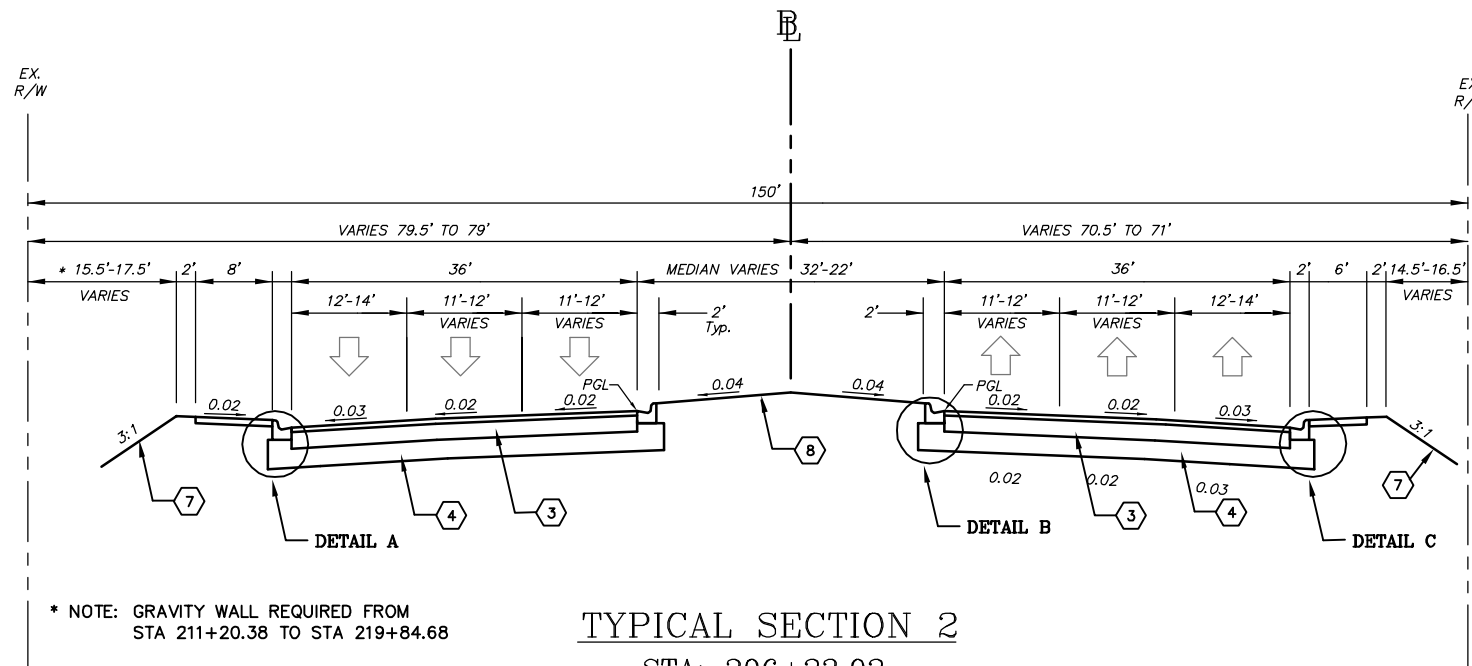
DETAIL B
N.T.S.



DETAIL C
N.T.S.

TYPICAL SECTION LEGEND:

- 1 ASPHALTIC CONCRETE SURFACE COURSE TYPE S-III, 1" THICK (100 LB/SY)
- 2 ASPHALTIC CONCRETE STRUCTURAL COURSE TYPE S-I, 2 1/2" THICK (250 LB/SY)
- 3 LIMEROCK BASE, 10" THICK (PRIMED)
- 4 TYPE B STABILIZATION, LBR 40 (12")
- 5 CONCRETE CURB AND GUTTER, TYPE F (FDOT STANDARD INDEX 300)
- 6 CONCRETE PATHWAY/SIDEWALK 4" THICK (6" THICK AT ALL DRIVEWAYS) (FDOT STANDARD INDEX No.S 304,310,515)
- 7 BAHIA SODDING
- 8 BAHIA SODDING WITH 6" THICK TOPSOIL BASE



TYPICAL SECTION 2

STA: 206+23.02
 TO
 STA: 214.69.48

* NOTE: GRAVITY WALL REQUIRED FROM STA 211+20.38 TO STA 219+84.68

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
 DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
 Professional engineers, planners, & land surveyors
 Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
 (239) 597-3111

DESIGNED BY: EFT
 DRAWN BY: TAM
 CHECKED BY: EFT
 REVIEWED BY: DWB
 PLOT VIEW/LAYOUT: TYP-1
 CTB NAME: 8000-ROAD

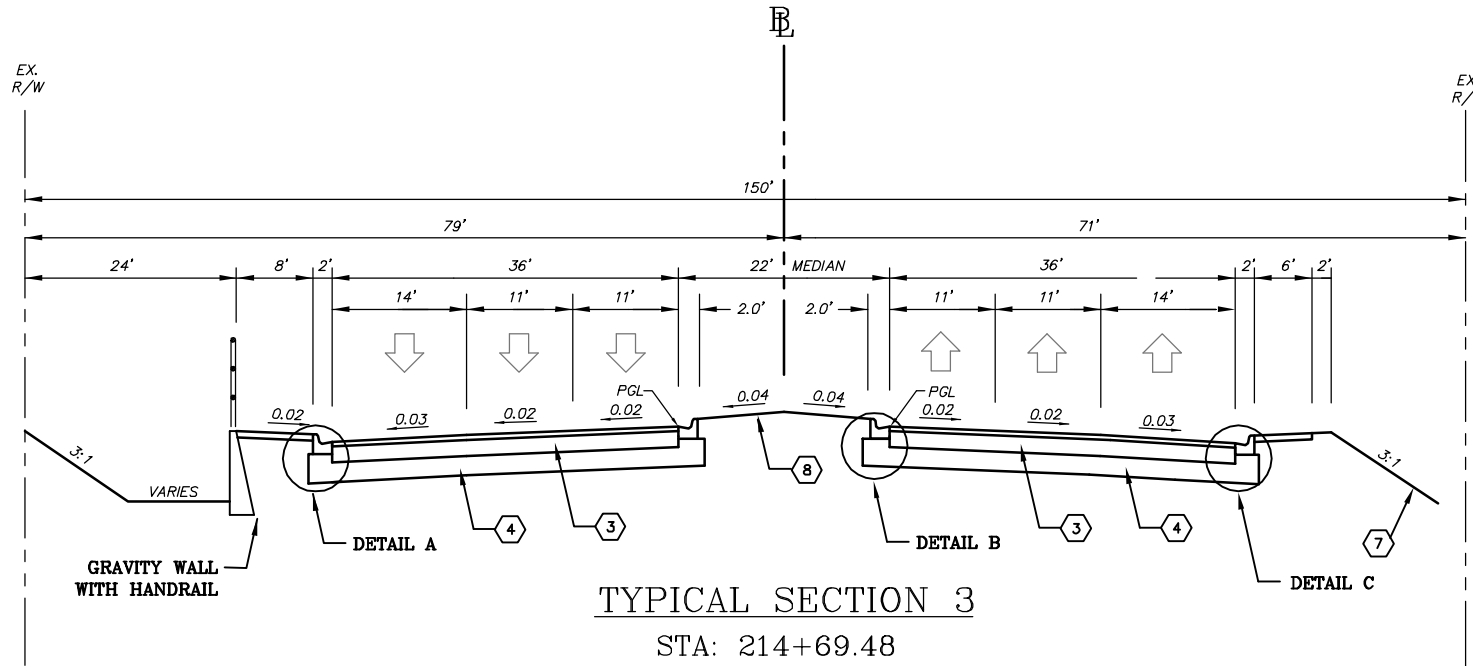
DATE: AUGUST 2007
 24x36 PLOT
 HORIZ SCALE: N/A
 VERT SCALE: N/A
 11X17 PLOT
 HORIZ SCALE: N/A
 VERT SCALE: N/A

PLAN STAGE: 100%
 ABB PROJECT NO.: 7993
 ACAD DWG: 7508-TYP

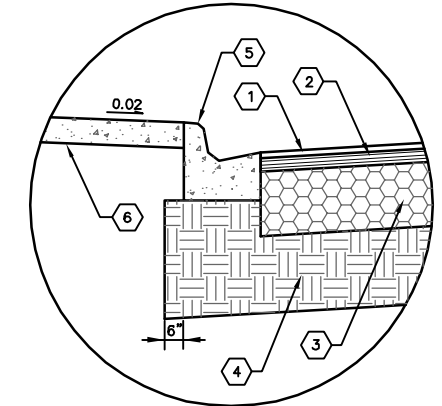
TITLE:
SUMMERLIN ROAD
TYPICAL SECTIONS
197+54.03 TO 214+69.48

SHEET **8**
 OF **147**
 FILE NO. 7508

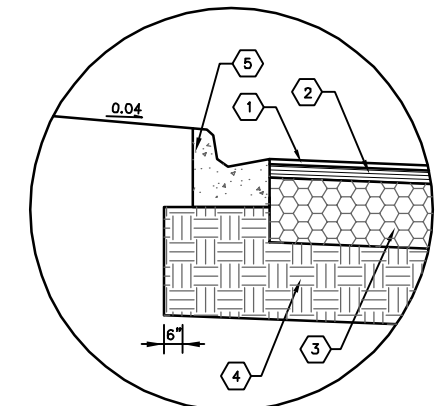
TRAFFIC DATA
 2000 AADT = 32,190
 2010 AADT = 35,838
 2020 AADT = 44,420
 D = 50.03, T = 0.03 (24 HOURS)
 DESIGN SPEED = 45 MPH



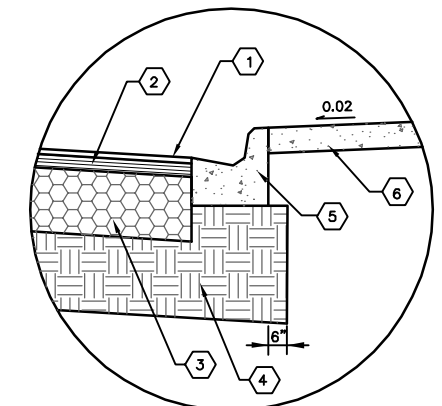
TYPICAL SECTION 3
 STA: 214+69.48
 TO
 STA: 219+84.68
 END ROADWAY PLANS
 BEGIN OVERPASS PLANS



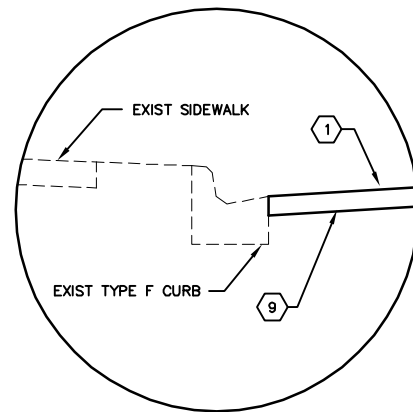
DETAIL A
 N.T.S.



DETAIL B
 N.T.S.



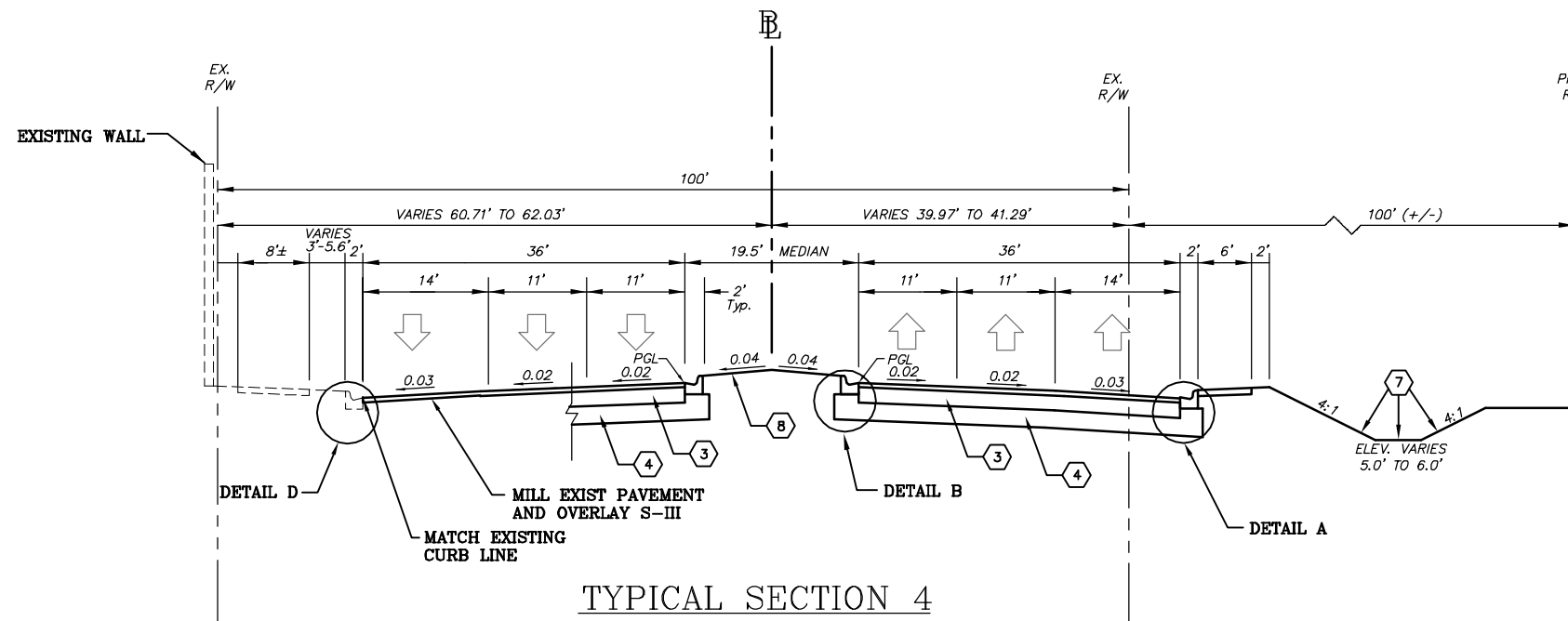
DETAIL C
 N.T.S.



DETAIL D
 N.T.S.

TYPICAL SECTION LEGEND:

- 1 ASPHALTIC CONCRETE SURFACE COURSE TYPE S-III, 1" THICK (100 LB/SY)
- 2 ASPHALTIC CONCRETE STRUCTURAL COURSE TYPE S-I, 2 1/2" THICK (250 LB/SY)
- 3 LIMEROCK BASE, 10" THICK (PRIMED)
- 4 TYPE B STABILIZATION, LBR 40 (12")
- 5 CONCRETE CURB AND GUTTER, TYPE F (FDOT STANDARD INDEX 300)
- 6 CONCRETE PATHWAY/SIDEWALK 4" THICK (6" THICK AT ALL DRIVEWAYS) (FDOT STANDARD INDEX No.S 304,310,515)
- 7 BAHIA SODDING
- 8 BAHIA SODDING WITH 6" THICK TOPSOIL BASE
- 9 MILL 1" OF EXISTING ASPHALT AND OVERLAY WITH ASPHALTIC CONCRETE SURFACE COURSE TYPE S-III, 1" THICK (100 LB/SY)



TYPICAL SECTION 4
 END OVERPASS PLANS
 BEGIN ROADWAY PLANS
 STA: 258+91.09
 TO
 STA: 303+30

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
 DEPT. OF TRANSPORTATION

AGNOLI BARBER & BRUNDAGE, INC.
 Professional engineers, planners, & land surveyors
 Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
 (239) 597-3111

DESIGNED BY: EFT
 DRAWN BY: TAM
 CHECKED BY: EFT
 REVIEWED BY: DWB
 PLOT VIEW/LAYOUT: TYP-2
 CTB NAME: 8000-ROAD

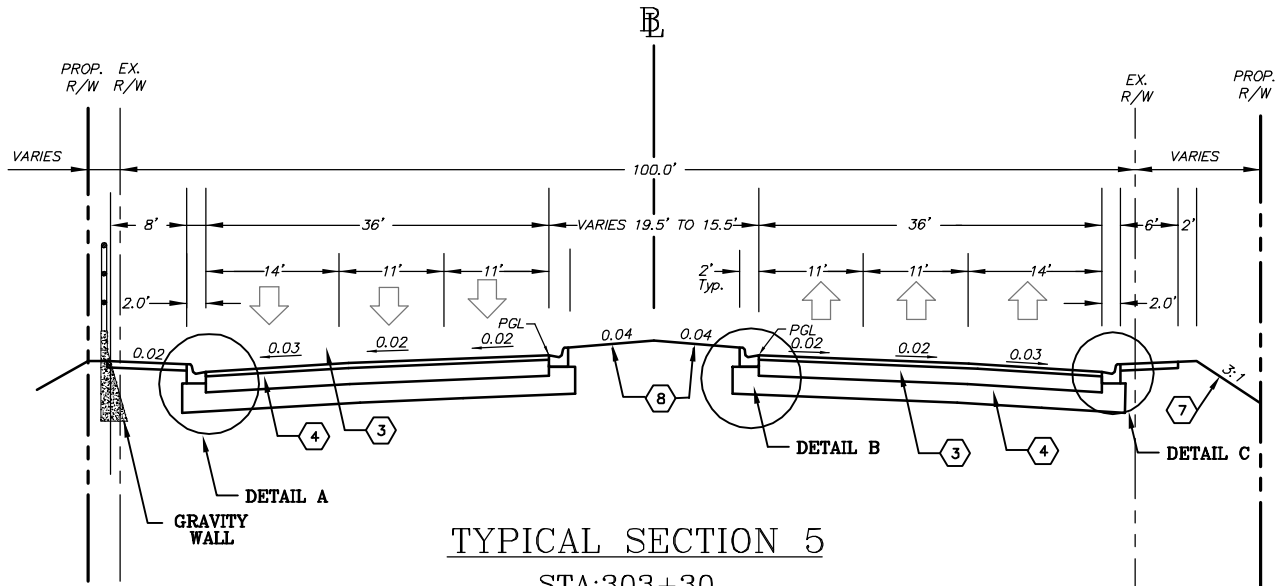
DATE: AUGUST 2007
 24x36 PLOT
 HORIZ SCALE: N/A
 VERT SCALE: N/A
 11X17 PLOT
 HORIZ SCALE: N/A
 VERT SCALE: N/A

PLAN STAGE: 100%
 ABB PROJECT NO.: 7993
 ACAD DWG: 7508-TYP

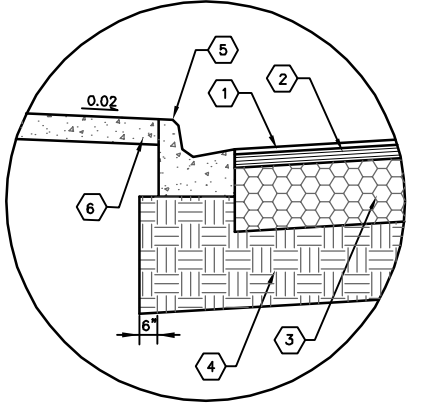
TITLE: **SUMMERLIN ROAD**
TYPICAL SECTIONS
STA: 214+69.48 TO 303+30

SHEET **9**
 OF **147**
 FILE NO. 7508

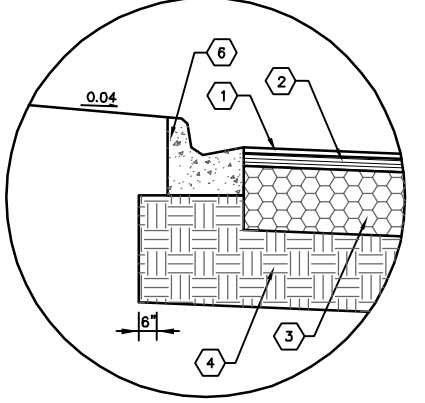
TRAFFIC DATA
 2000 AADT = 32,190
 2010 AADT = 35,838
 2020 AADT = 44,420
 D = 50.03, T = 0.03 (24 HOURS)
 DESIGN SPEED = 45 MPH



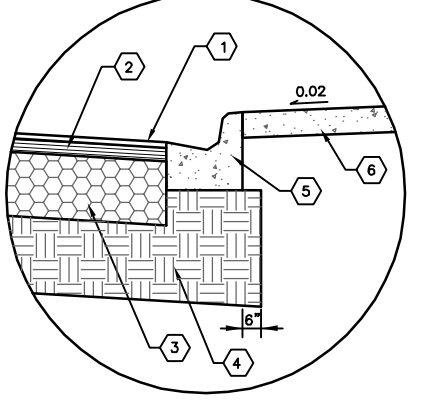
TYPICAL SECTION 5
 STA: 303+30
 TO
 STA: 321+38.32



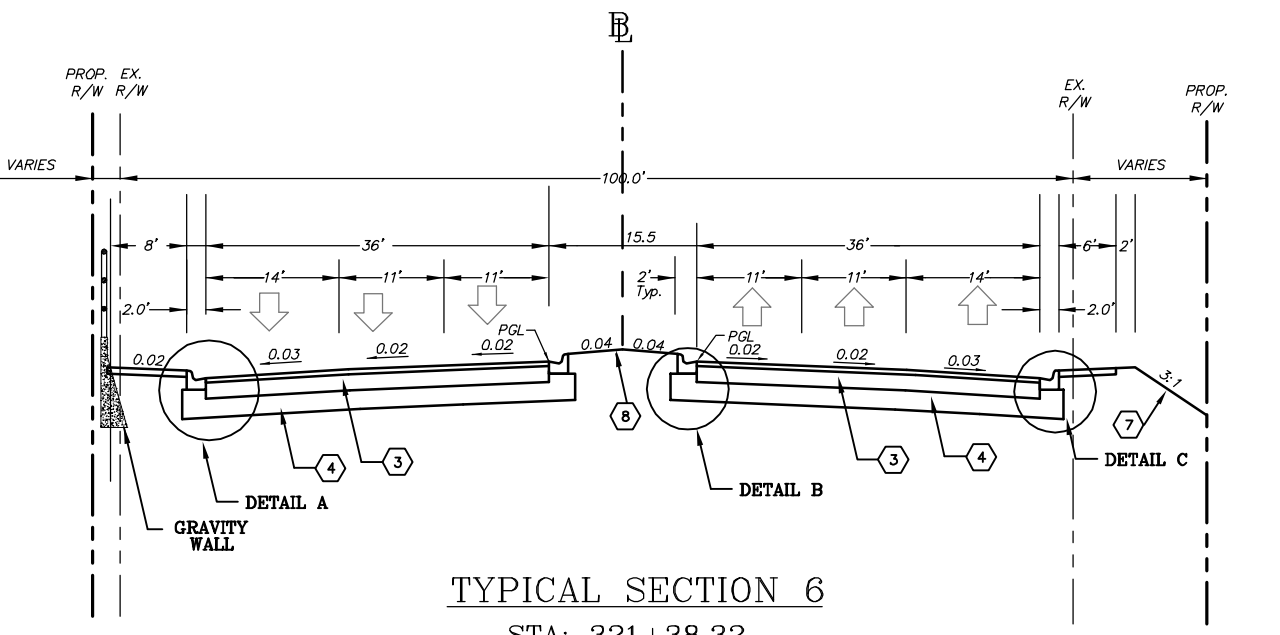
DETAIL A
 N.T.S.



DETAIL B
 N.T.S.



DETAIL C
 N.T.S.



TYPICAL SECTION 6
 STA: 321+38.32
 TO
 STA: 321+38.32

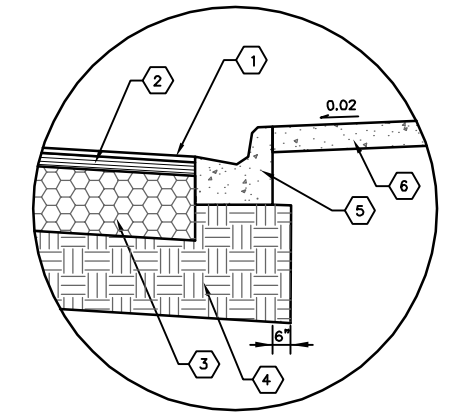
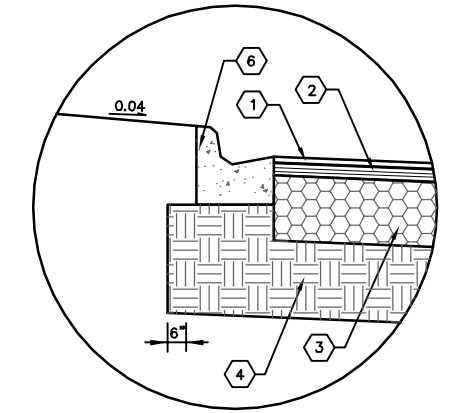
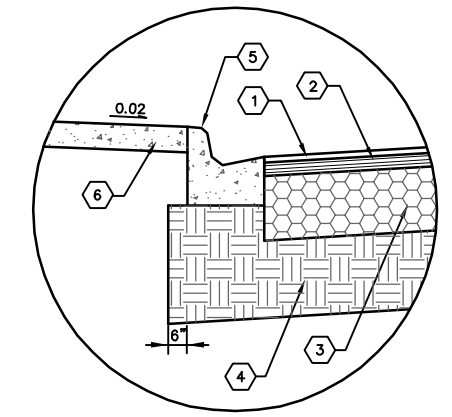
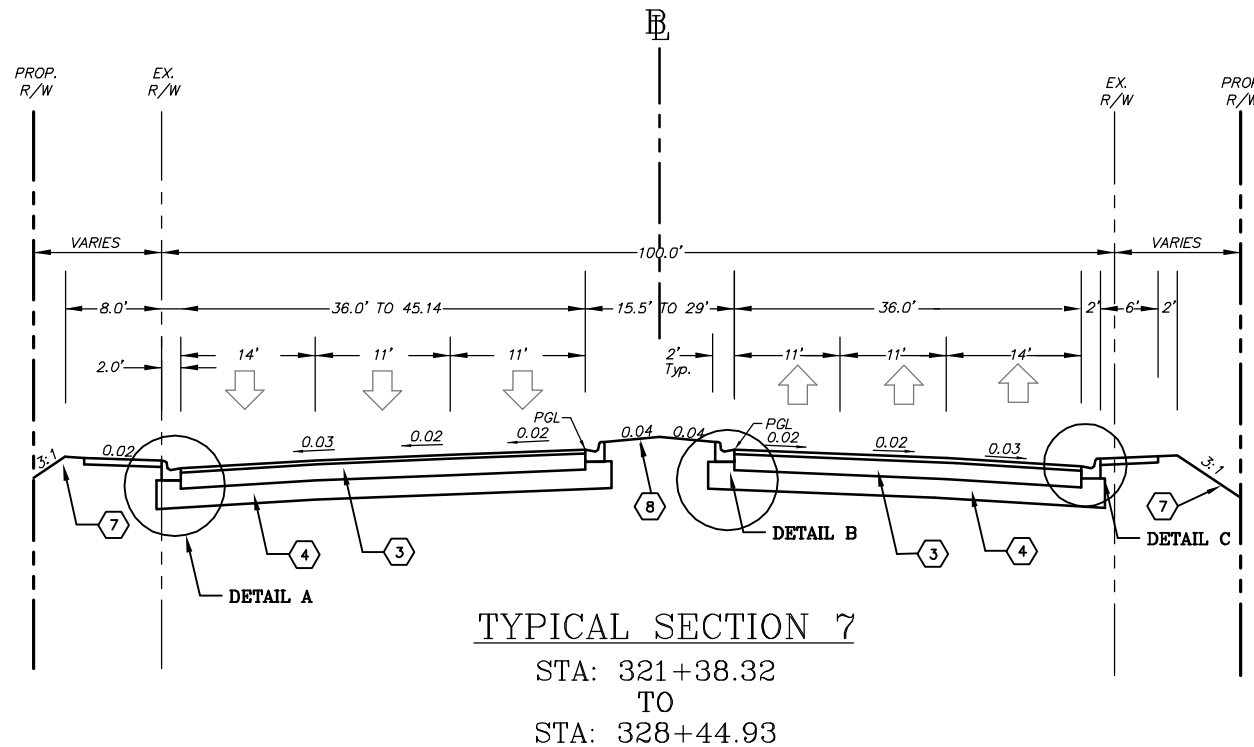
TYPICAL SECTION LEGEND:

- ① ASPHALTIC CONCRETE SURFACE COURSE
TYPE S-III, 1" THICK (100 LB/SY)
- ② ASPHALTIC CONCRETE STRUCTURAL COURSE
TYPE S-I, 2 1/2" THICK (250 LB/SY)
- ③ LIMEROCK BASE, 10" THICK (PRIMED)
- ④ TYPE B STABILIZATION, LBR 40 (12")
- ⑤ CONCRETE CURB AND GUTTER, TYPE F
(FDOT STANDARD INDEX 300)
- ⑥ CONCRETE PATHWAY/SIDEWALK 4" THICK
(6" THICK AT ALL DRIVEWAYS) (FDOT
STANDARD INDEX No.S 304,310,515)
- ⑦ BAHIA SODDING
- ⑧ BAHIA SODDING WITH 6" THICK TOPSOIL
BASE

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

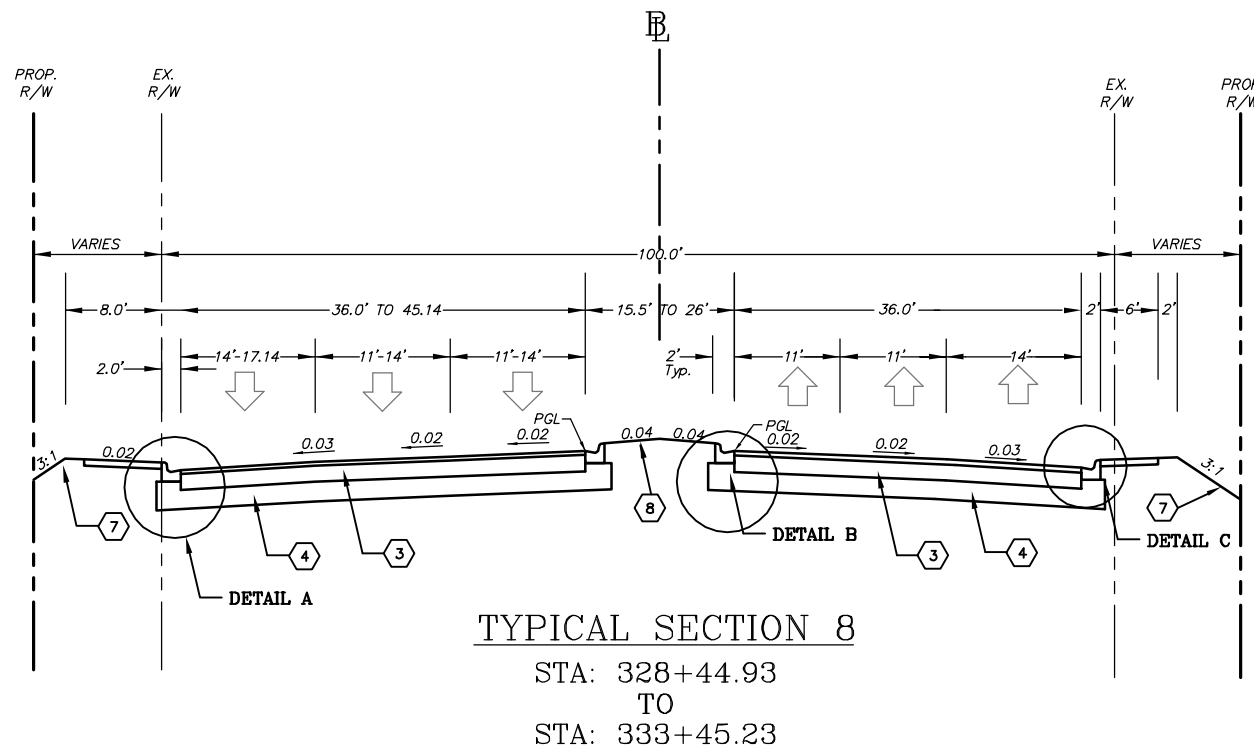
LEE COUNTY DEPT. OF TRANSPORTATION	AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD TYPICAL SECTIONS STA: 303+30 TO 321+38.32
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO.: 7993	
		CHECKED BY: EFT	HORIZ SCALE: N/A	ACAD DWG: 7508-TYP	
		REVIEWED BY: DWB	VERT SCALE: N/A		
		PLOT VIEW/LAYOUT: TYP-3	11X17 PLOT		
		CTB NAME: 8000-ROAD	HORIZ SCALE: N/A		
			VERT SCALE: N/A		

TRAFFIC DATA
 2000 AADT = 32,190
 2010 AADT = 35,838
 2020 AADT = 44,420
 D = 50.03, T = 0.03 (24 HOURS)
 DESIGN SPEED = 45 MPH



TYPICAL SECTION LEGEND:

- ① ASPHALTIC CONCRETE SURFACE COURSE
TYPE S-III, 1" THICK (100 LB/SY)
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- ③ LIMEROCK BASE, 10" THICK (PRIMED)
- ④ TYPE B STABILIZATION, LBR 40 (12")
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(FDOT STANDARD INDEX 300)
- ⑥ CONCRETE PATHWAY/SIDEWALK 4" THICK
(6" THICK AT ALL DRIVEWAYS) (FDOT
STANDARD INDEX No.S 304,310,515)
- ⑦ BAHIA SODDING
- ⑧ BAHIA SODDING WITH 6" THICK TOPSOIL
BASE

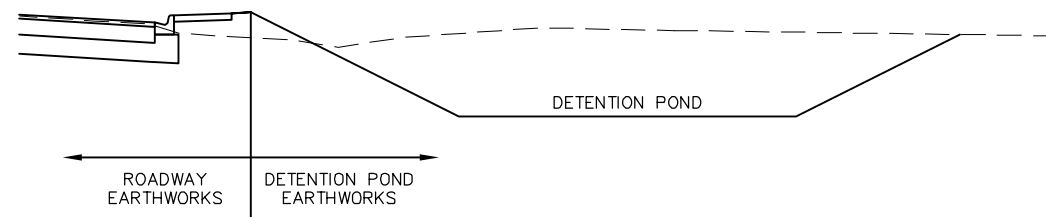


NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 GNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: TYP-4 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: N/A VERT SCALE: N/A 11x17 PLOT HORIZ SCALE: N/A VERT SCALE: N/A	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-TYP	TITLE: SUMMERLIN ROAD TYPICAL SECTIONS STA: 321+38.32 TO 333+45.23	SHEET 11 OF 147 FILE NO. 7508
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SUMMARY OF EARTHWORK		
DESCRIPTION	P	F
	CY	CY
ROADWAY EXCAVATION, MAINLINE	23,880	
REGULAR EXCAVATION, DETENTION POND # 1	1,425	
REGULAR EXCAVATION, DETENTION POND # 2	1,186	
REGULAR EXCAVATION, DETENTION POND # 3	1,089	
REGULAR EXCAVATION, DETENTION POND # 4	740	
REGULAR EXCAVATION, DETENTION POND # 5	437	
REGULAR EXCAVATION, DETENTION POND # 6	702	
REGULAR EXCAVATION, DETENTION POND # 7	1,670	
REGULAR EXCAVATION, DETENTION POND # 8	1,600	
REGULAR EXCAVATION, DETENTION POND # 9	1,626	
REGULAR EXCAVATION, DETENTION POND # 10	516	
REGULAR EXCAVATION, DETENTION POND # 11	411	
REGULAR EXCAVATION, DETENTION POND # 12	1,840	
REGULAR EXCAVATION, DETENTION POND # 13	1,049	
TOTAL REGULAR EXCAVATION	38,171	
TOTAL SUBSOIL EXCAVATION (CONTINGENT ITEM)	5,000	

SUMMARY OF EARTHWORK		
DESCRIPTION	P	F
	CY	CY
EMBANKMENT, MAINLINE	7,487	
EMBANKMENT, MAPLE DRIVE	96	
EMBANKMENT, SUMMERLIN COMMONS	790	
EMBANKMENT, DETENTION POND # 1	15	
EMBANKMENT, DETENTION POND # 2	27	
EMBANKMENT, DETENTION POND # 3	50	
EMBANKMENT, DETENTION POND # 4	251	
EMBANKMENT, DETENTION POND # 5	0	
EMBANKMENT, DETENTION POND # 6	24	
EMBANKMENT, DETENTION POND # 7	185	
EMBANKMENT, DETENTION POND # 8	26	
EMBANKMENT, DETENTION POND # 9	0	
EMBANKMENT, DETENTION POND # 10	0	
EMBANKMENT, DETENTION POND # 11	0	
EMBANKMENT, DETENTION POND # 12	0	
EMBANKMENT, DETENTION POND # 13	0	
TOTAL EMBANKMENT	8,951	



NOTE: ALL EARTHWORK CALCULATIONS ARE BASED UPON "NEAT" NUMBERS. QUANTITIES ARE BASED UPON THE TOPLINE EXISTING GROUND SURFACE AND DO NOT ACCOUNT FOR MATERIAL TYPES SUCH AS ASPHALT, CONCRETE OR SOD. IN ADDITION, THE QUANTITIES DO NOT REFLECT FACTORS SUCH AS CLEARING, GRUBBING, SHRINKAGE, SWELLAGE, LOADING, UNLOADING, ROCK EXCAVATION, HAULING AND/OR ANY OTHER FACTORS ASSOCIATED WITH EARTHWORK OPERATIONS.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239)597-3111

DESIGNED BY: EFT
DRAWN BY: MSK
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: NA
CTB NAME: 8000-ROAD

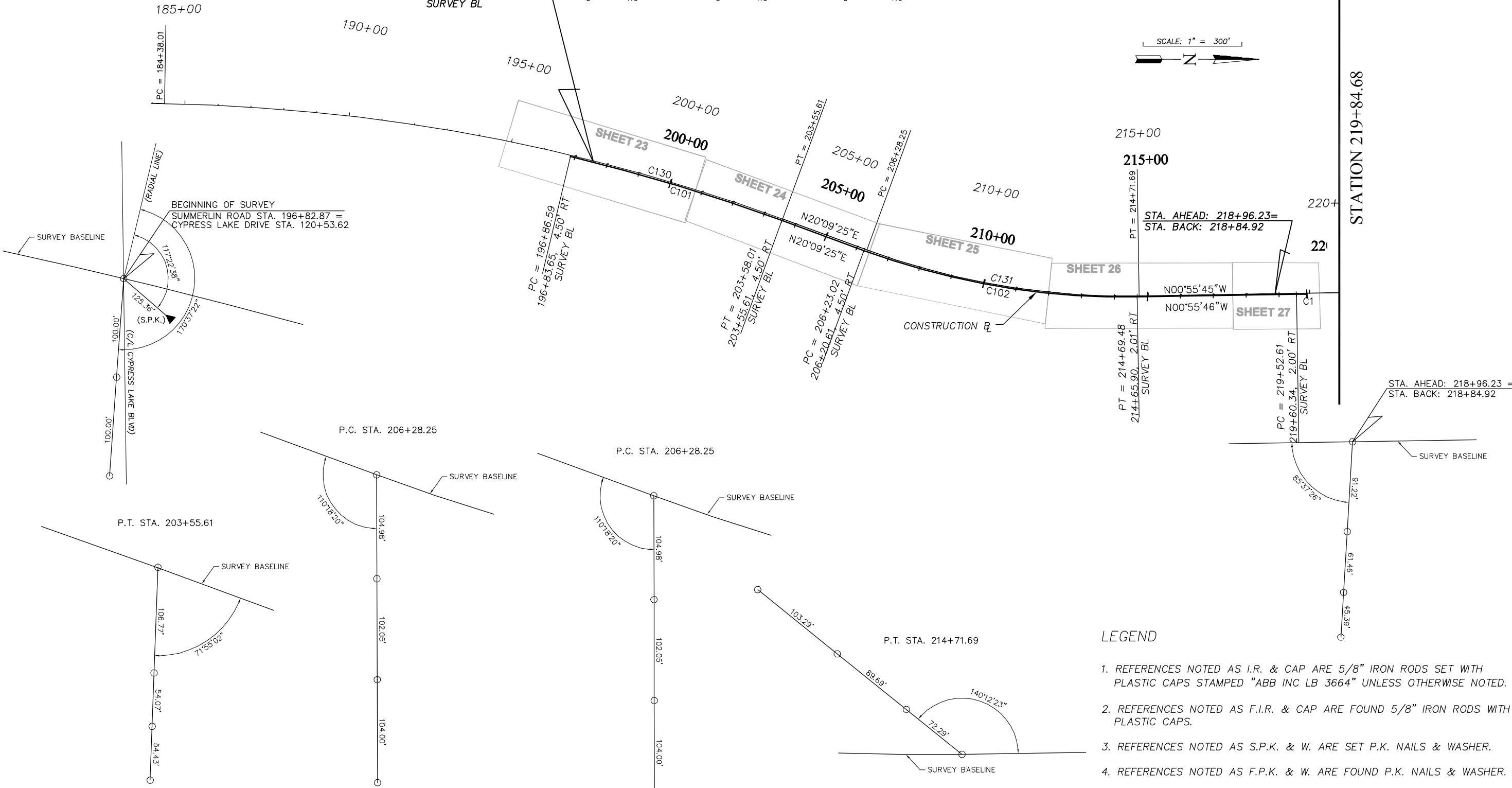
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: N/A
VERT SCALE: N/A

PLAN STAGE: 100% CONST.
ABB PROJECT NO.: 7993
ACAD DWG: 750BERQUAN

TITLE: **SUMMERLIN ROADWAY
SUMMARY OF QUANTITIES**

SHEET 12
OF 147
FILE NO. 7508

CURVE C101 PI Sta. = 200+22.69 Δ = 06° 43' 10" (Rt) D = 01° 00' 03" T = 336.10 L = 671.42 R = 5725.10 PC Sta. = 196+86.59 PT Sta. = 203+58.01 e = NC	CURVE C102 PI Sta. = 210+51.09 Δ = 21° 05' 10" (Lt) D = 02° 29' 28" T = 428.07 L = 846.45 R = 2300.00 PC Sta. = 206+23.02 PT Sta. = 214+69.48 e = RC	CURVE C1 PI Sta. = 223+26.52 Δ = 03° 34' 10" (Rt) D = 00° 28' 39" T = 373.91 L = 747.57 R = 12000.00 PC Sta. = 219+52.61 PRC Sta. = 227+00.18 e = NC	CURVE C130 PI Sta. = 194+05.86 Δ = 19° 10' 33" (Rt) D = 01° 00' 00" T = 967.85 L = 1917.60 R = 5729.60 PC Sta. = 184+38.01 PT Sta. = 203+55.61	CURVE C131 PI Sta. = 210+54.79 Δ = 21° 05' 10" (Lt) D = 02° 30' 00" T = 426.55 L = 843.45 R = 2291.83 PC Sta. = 206+28.25 PT Sta. = 214+71.69
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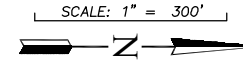


NOTE:
ALL PI'S ARE TAKEN ALONG THE TANGENT LENGTH

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

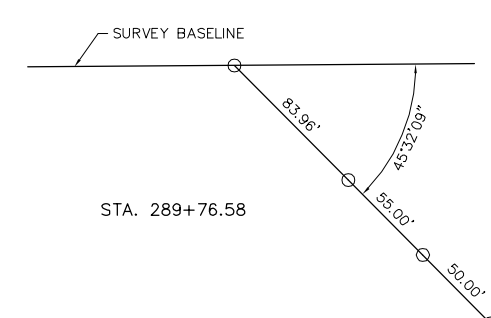
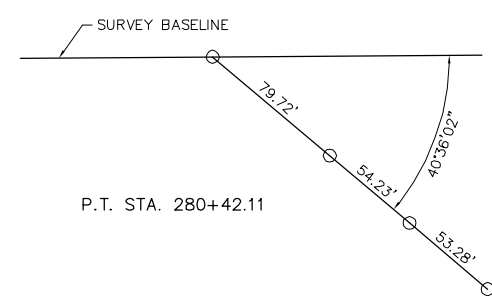
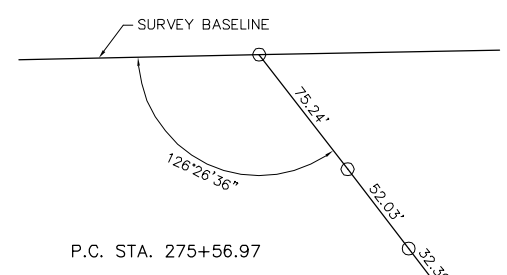
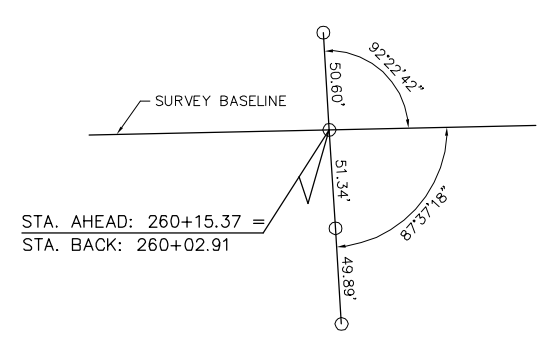
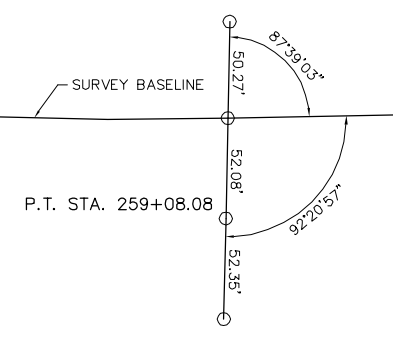
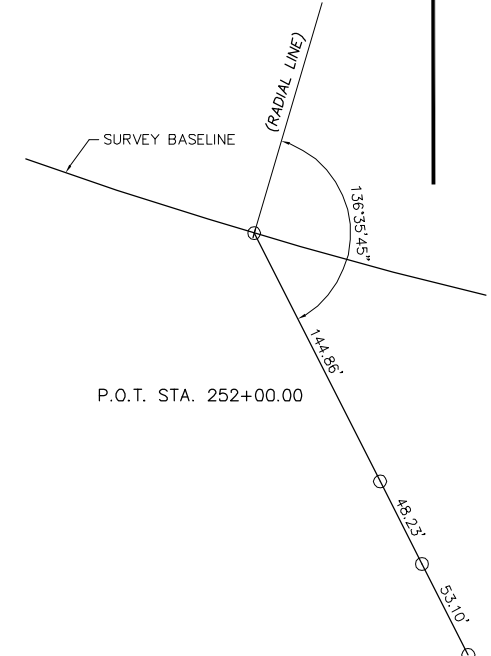
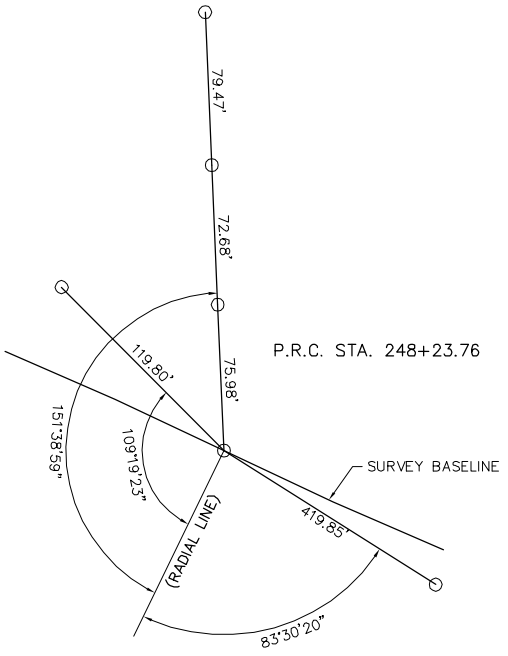
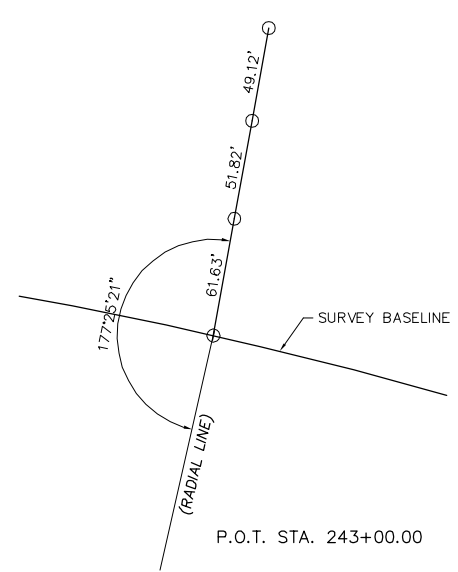
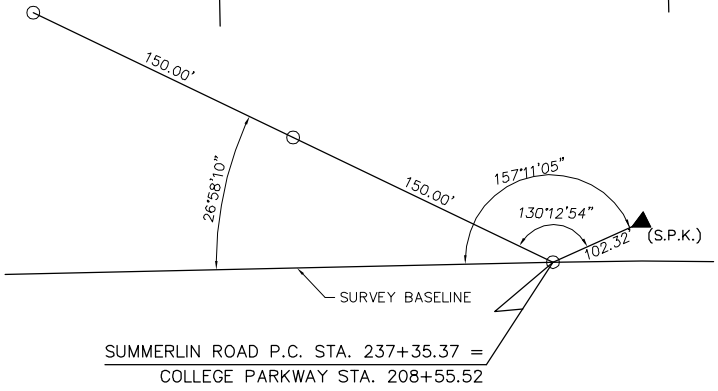
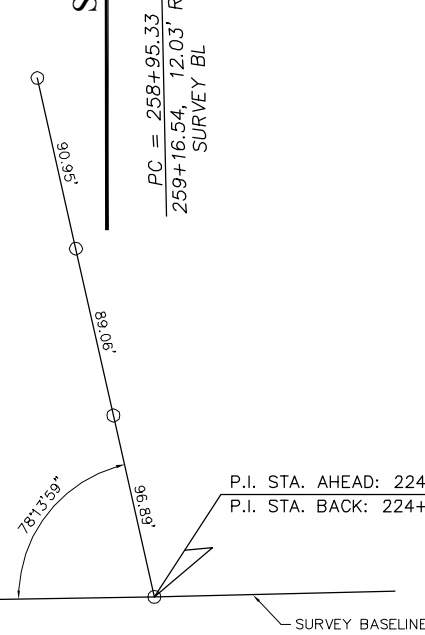
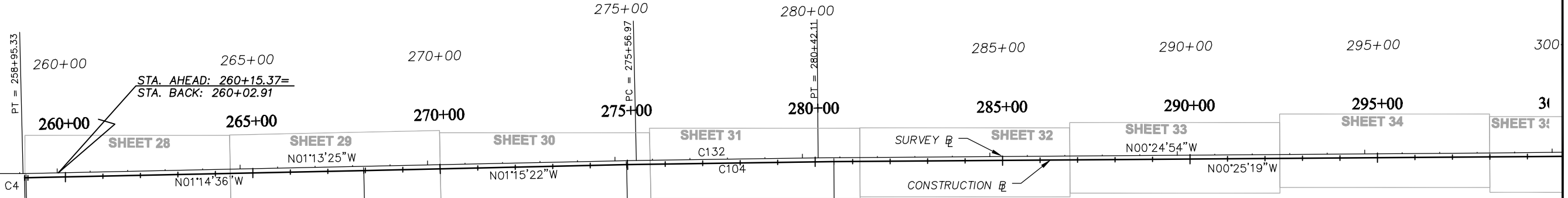
LEE COUNTY DEPT. OF TRANSPORTATION	AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD LAYOUT	SHEET 20 OF 147 FILE NO. 7508
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	STA. 184+38.01 TO 219+85.15	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 150'	ACAD DWG: 7508-LAYOUT		
		REVIEWED BY: DWB	VERT SCALE: 11X17 PLOT			
		PLOT VIEW/LAYOUT: LAY-1	HORIZ SCALE: 1" = 300'			
		CTB NAME: 8000-ROAD	VERT SCALE: 7508-LAYOUT			

CURVE C4	CURVE C104	CURVE C132
PI Sta. = 253+94.84	PI Sta. = 277+73.59	PI Sta. = 277+99.55
Δ = 24° 09' 05" (Lt)	Δ = 00° 50' 03" (Rt)	Δ = 00° 48' 31" (Rt)
D = 02' 22' 35"	D = 00' 09' 03"	D = 00' 10' 00"
T = 515.80	T = 276.60	T = 242.57
L = 1016.29	L = 553.20	L = 485.14
R = 2411.00	R = 37,998.00	R = 34,377.47
PRC Sta. = 248+79.04	PC Sta. = 274+96.99	PC Sta. = 275+56.97
PT Sta. = 258+95.33	PT Sta. = 280+50.19	PT Sta. = 280+42.11
e = NC	e = NC	



STATION 258+91.09

STATION 300+00

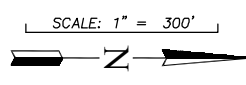
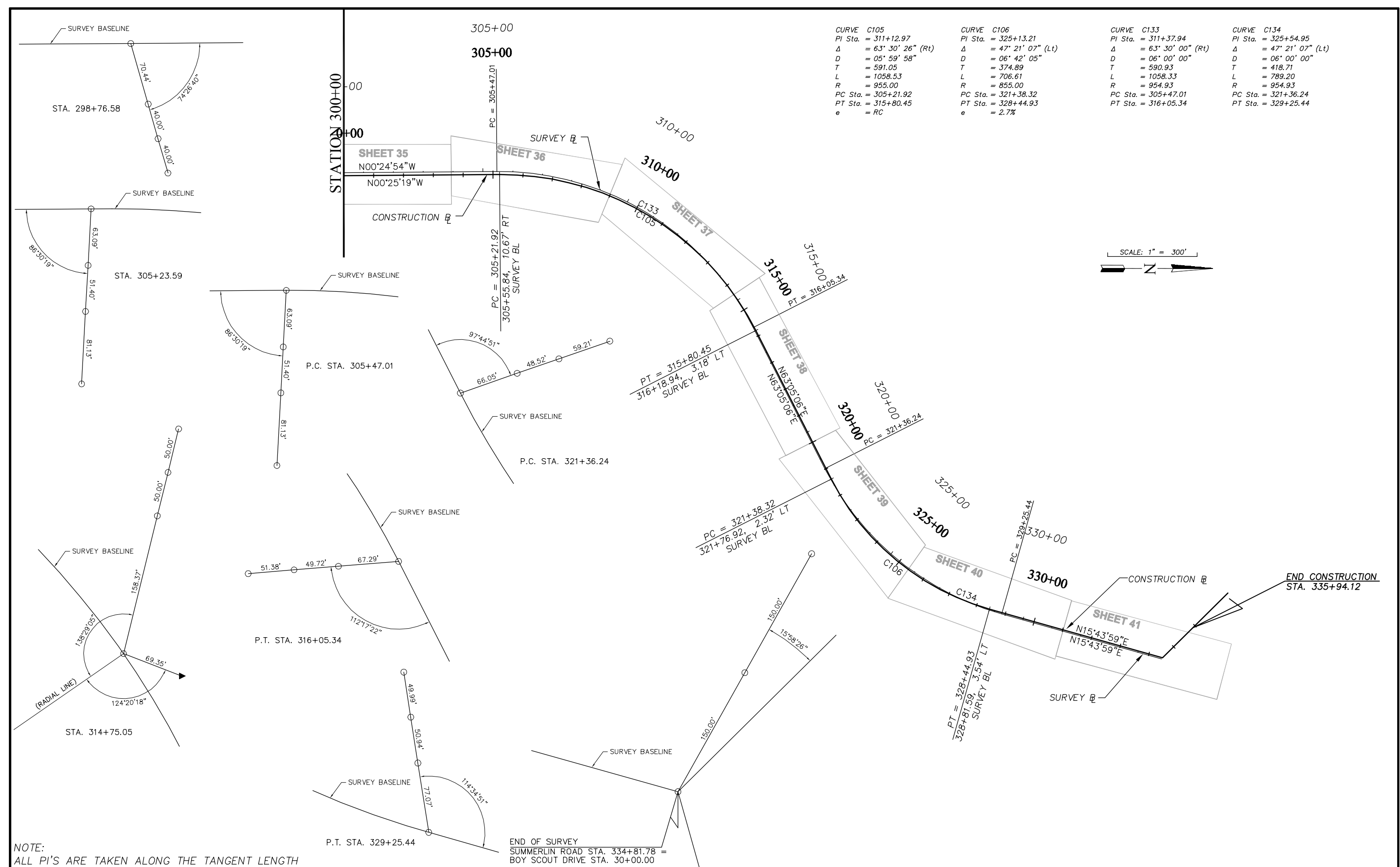


NOTE:
ALL PI'S ARE TAKEN ALONG THE TANGENT LENGTH

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 997-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: LAY-2 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 150' VERT SCALE: 11X17 PLOT HORIZ SCALE: 1" = 300' VERT SCALE:	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-LAYOUT	TITLE: SUMMERLIN ROAD LAYOUT STA 258+91.09 TO 300+00	SHEET 21 OF 147 FILE NO. 7508
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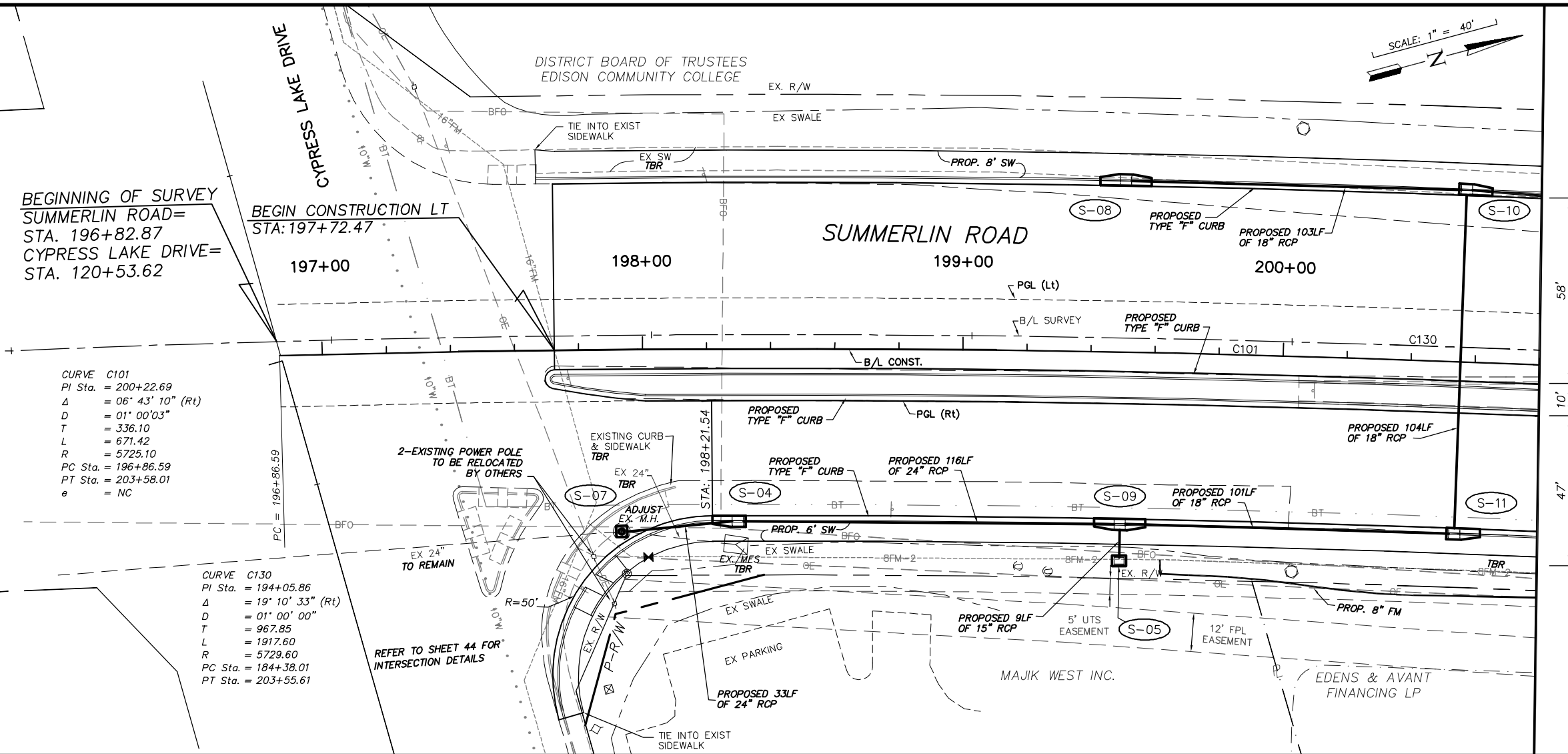
CURVE C105 PI Sta. = 311+12.97 Δ = 63° 30' 26" (Rt) D = 05° 59' 58" T = 591.05 L = 1058.53 R = 955.00 PC Sta. = 305+21.92 PT Sta. = 315+80.45 e = RC	CURVE C106 PI Sta. = 325+13.21 Δ = 47° 21' 07" (Lt) D = 06° 42' 05" T = 374.89 L = 706.61 R = 855.00 PC Sta. = 321+38.32 PT Sta. = 328+44.93 e = 2.7%	CURVE C133 PI Sta. = 311+37.94 Δ = 63° 30' 00" (Rt) D = 06° 00' 00" T = 590.93 L = 1058.33 R = 954.93 PC Sta. = 305+47.01 PT Sta. = 316+05.34	CURVE C134 PI Sta. = 325+54.95 Δ = 47° 21' 07" (Lt) D = 06° 00' 00" T = 418.71 L = 789.20 R = 954.93 PC Sta. = 321+36.24 PT Sta. = 329+25.44
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NOTE:
ALL PI'S ARE TAKEN ALONG THE TANGENT LENGTH

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AB BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 997-3111	DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD LAYOUT STA 300+00 TO 335+94.12
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 150'	ACAD DWG: 7508-LAYOUT	SHEET 22 OF 147 FILE NO. 7508
		REVIEWED BY: DWB	VERT SCALE:		
		PLOT VIEW/LAYOUT: LAY-3	11X17 PLOT		
		CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 300'		
			VERT SCALE:		



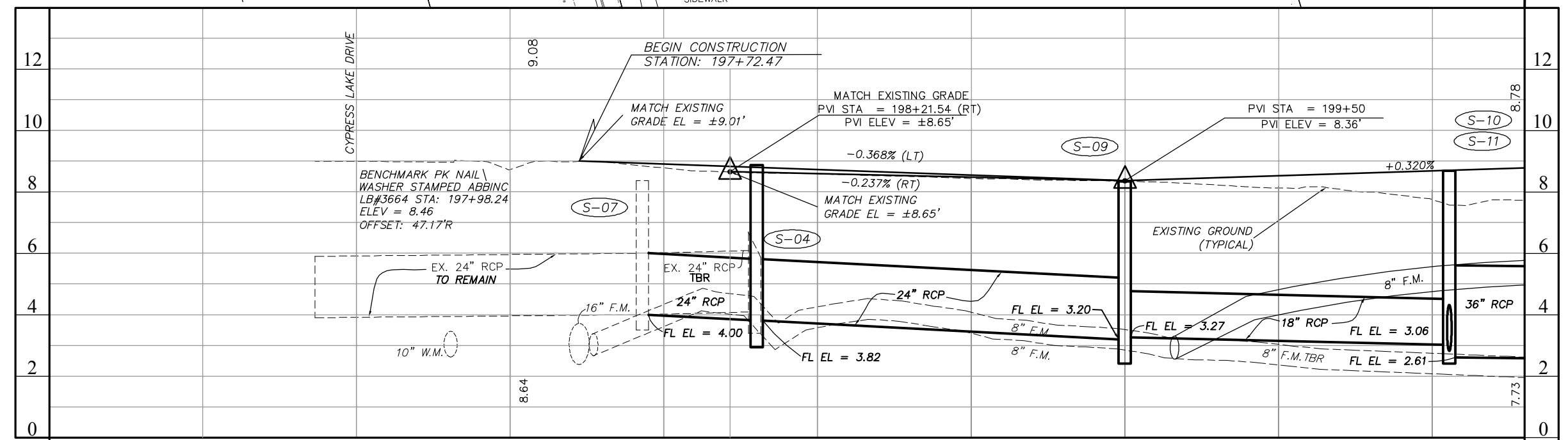
BEGINNING OF SURVEY
 SUMMERLIN ROAD=
 STA. 196+82.87
 CYPRESS LAKE DRIVE=
 STA. 120+53.62

BEGIN CONSTRUCTION LT
 STA: 197+72.47

CURVE C101
 PI Sta. = 200+22.69
 Δ = 06° 43' 10" (Rt)
 D = 01° 00' 03"
 T = 336.10
 L = 671.42
 R = 5725.10
 PC Sta. = 196+86.59
 PT Sta. = 203+58.01
 e = NC

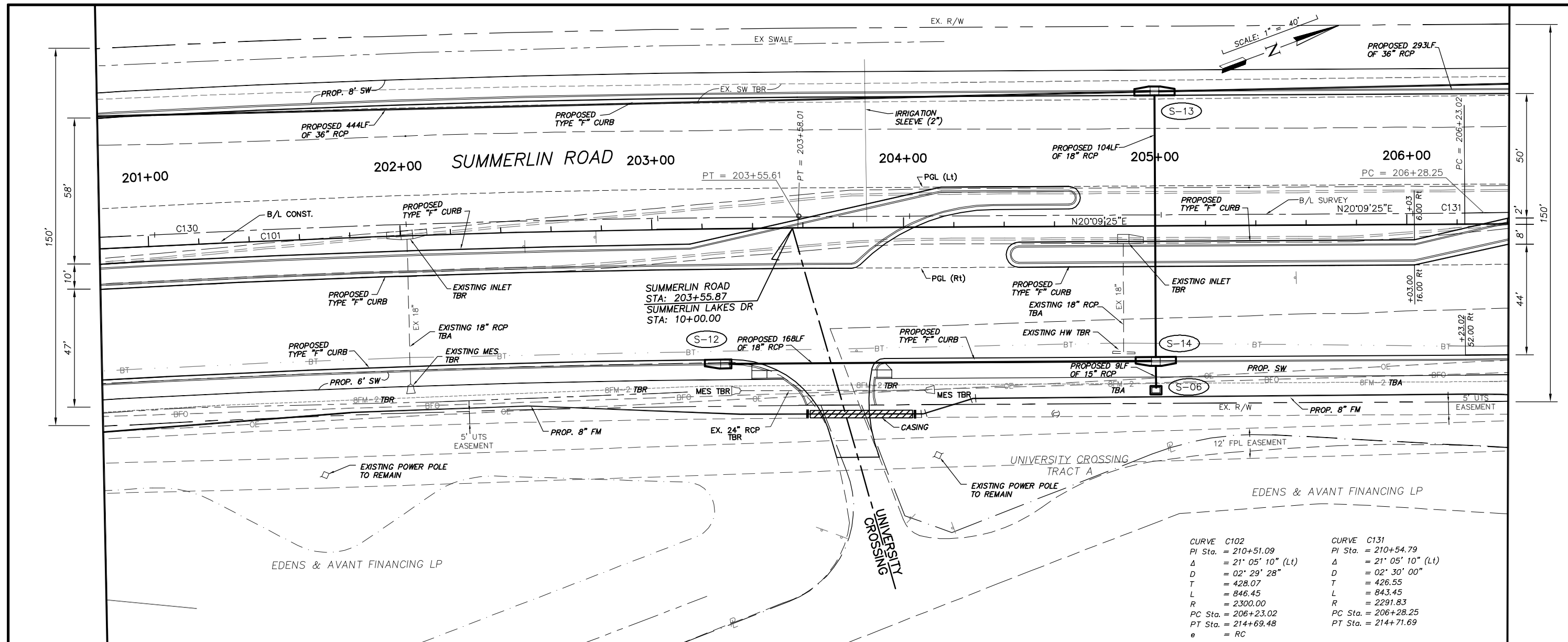
CURVE C130
 PI Sta. = 194+05.86
 Δ = 19° 10' 33" (Rt)
 D = 01° 00' 00"
 T = 967.85
 L = 1917.60
 R = 5729.60
 PC Sta. = 184+38.01
 PT Sta. = 203+55.61

REFER TO SHEET 44 FOR
 INTERSECTION DETAILS

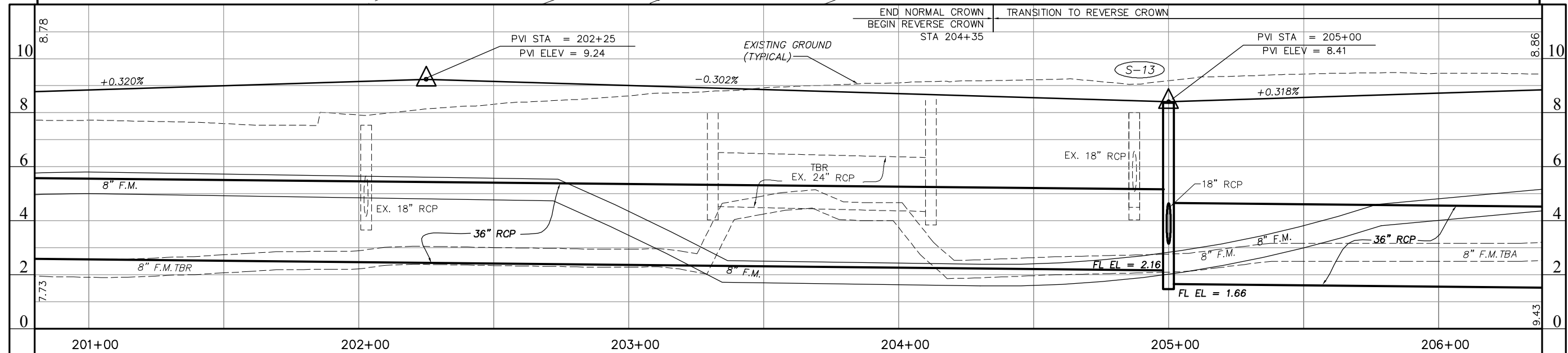


NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD PLAN & PROFILE BEGIN STA 197+54.10 TO 200+80	SHEET 23 OF 147 FILE NO. 7508
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO.: 7993		
		CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME		
		REVIEWED BY: DWB	VERT SCALE: 1" = 2'			
		PLOT VIEW/LAYOUT: P&P-1	HORIZ SCALE: 1" = 40'			
		CTB NAME: 8000-ROAD	VERT SCALE: 1" = 4'			



CURVE	PI STA.	PI ELEV.	DELTA	D	T	L	R	PC STA.	PT STA.	e
C102	210+51.09		21° 05' 10" (Lt)	02' 29' 28"	428.07	846.45	2300.00	206+23.02	214+69.48	RC
C131	210+54.79		21° 05' 10" (Lt)	02' 30' 00"	426.55	843.45	2291.83	206+28.25	214+71.69	



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

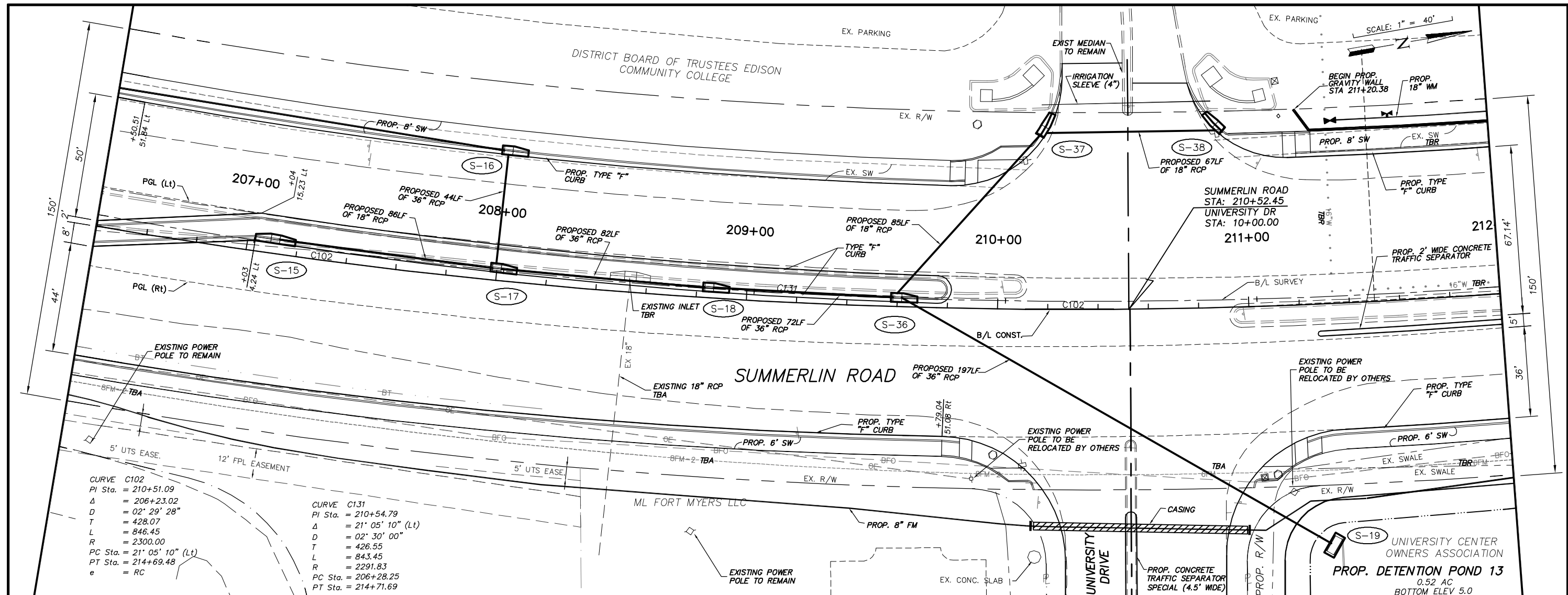
**LEE COUNTY
DEPT. OF TRANSPORTATION**

**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

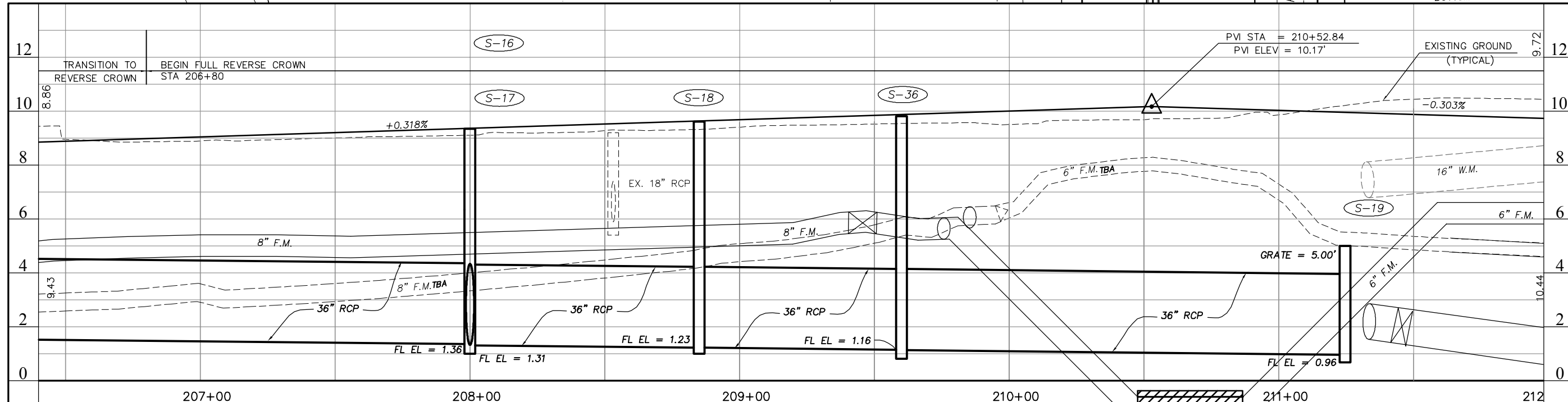
DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-2	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**TITLE:
SUMMERLIN ROAD
PLAN & PROFILE
STATION 200+80 - 206+40**

SHEET **24**
OF **147**
FILE NO. **7508**



<p>CURVE C102 PI Sta. = 210+51.09 Δ = 206°23.02' D = 02°29'28" T = 428.07 L = 846.45 R = 2300.00 PC Sta. = 21°05'10" (Lt) PT Sta. = 214+69.48 e = RC</p>		<p>CURVE C131 PI Sta. = 210+54.79 Δ = 21°05'10" (Lt) D = 02°30'00" T = 426.55 L = 843.45 R = 2291.83 PC Sta. = 206+28.25 PT Sta. = 214+71.69</p>	
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NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI BARBER & BRUNDAGE, INC.
 Professional engineers, planners, & land surveyors
 Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
 (239) 597-3111

DESIGNED BY: EFT
 DRAWN BY: TAM
 CHECKED BY: EFT
 REVIEWED BY: DWB
 PLOT VIEW/LAYOUT: P&P-3
 CTB NAME: 8000-ROAD

DATE: AUGUST 2007
 24x36 PLOT
 HORIZ SCALE: 1" = 20'
 VERT SCALE: 1" = 2'
 11x17 PLOT
 HORIZ SCALE: 1" = 40'
 VERT SCALE: 1" = 4'

PLAN STAGE: 100%
 ABB PROJECT NO.: 7993
 ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD
 PLAN & PROFILE
 STATION 206+40 - 212+00**

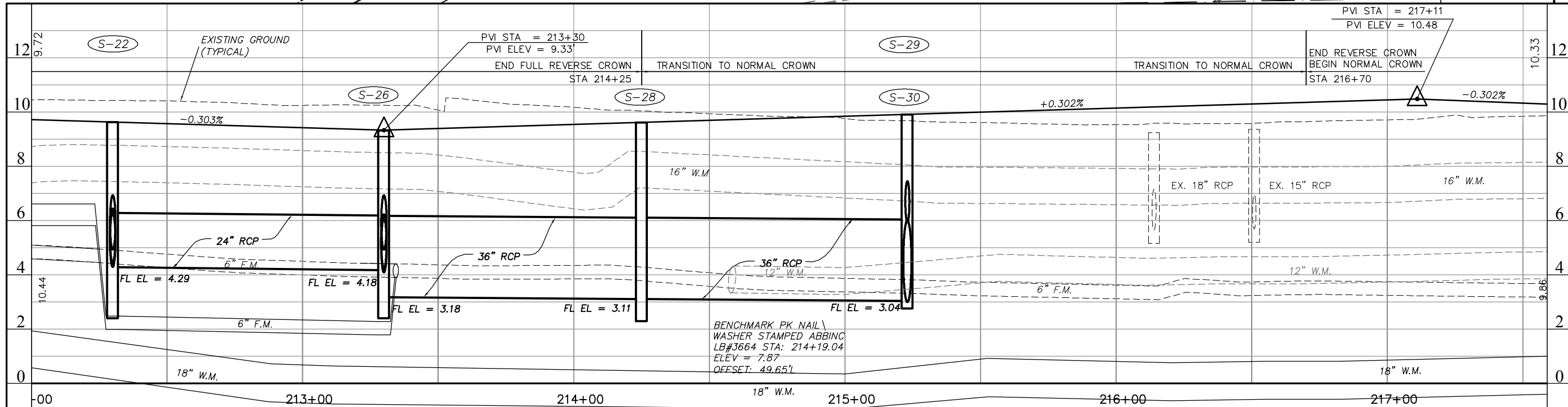
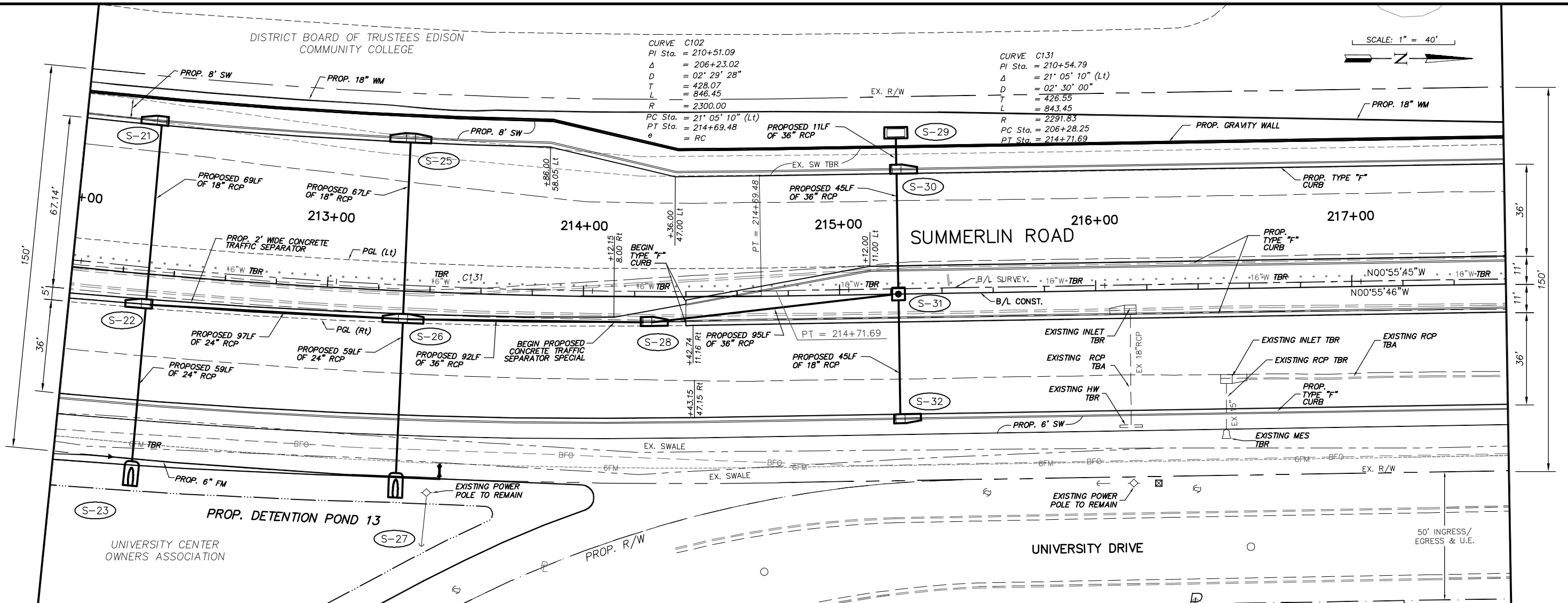
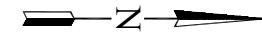
SHEET 25
 OF 147
 FILE NO. 7508

DISTRICT BOARD OF TRUSTEES EDISON
COMMUNITY COLLEGE

CURVE C102
PI Sta. = 210+51.09
Δ = 206+23.02
D = 02° 29' 28"
T = 428.07
L = 846.45
R = 2300.00
PC Sta. = 21° 05' 10" (Lt)
PT Sta. = 214+69.48
e = RC

CURVE C131
PI Sta. = 210+54.79
Δ = 21° 05' 10" (Lt)
D = 02° 30' 00"
T = 426.55
L = 843.45
R = 2291.83
PC Sta. = 206+28.25
PT Sta. = 214+71.69

SCALE: 1" = 40'



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

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BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

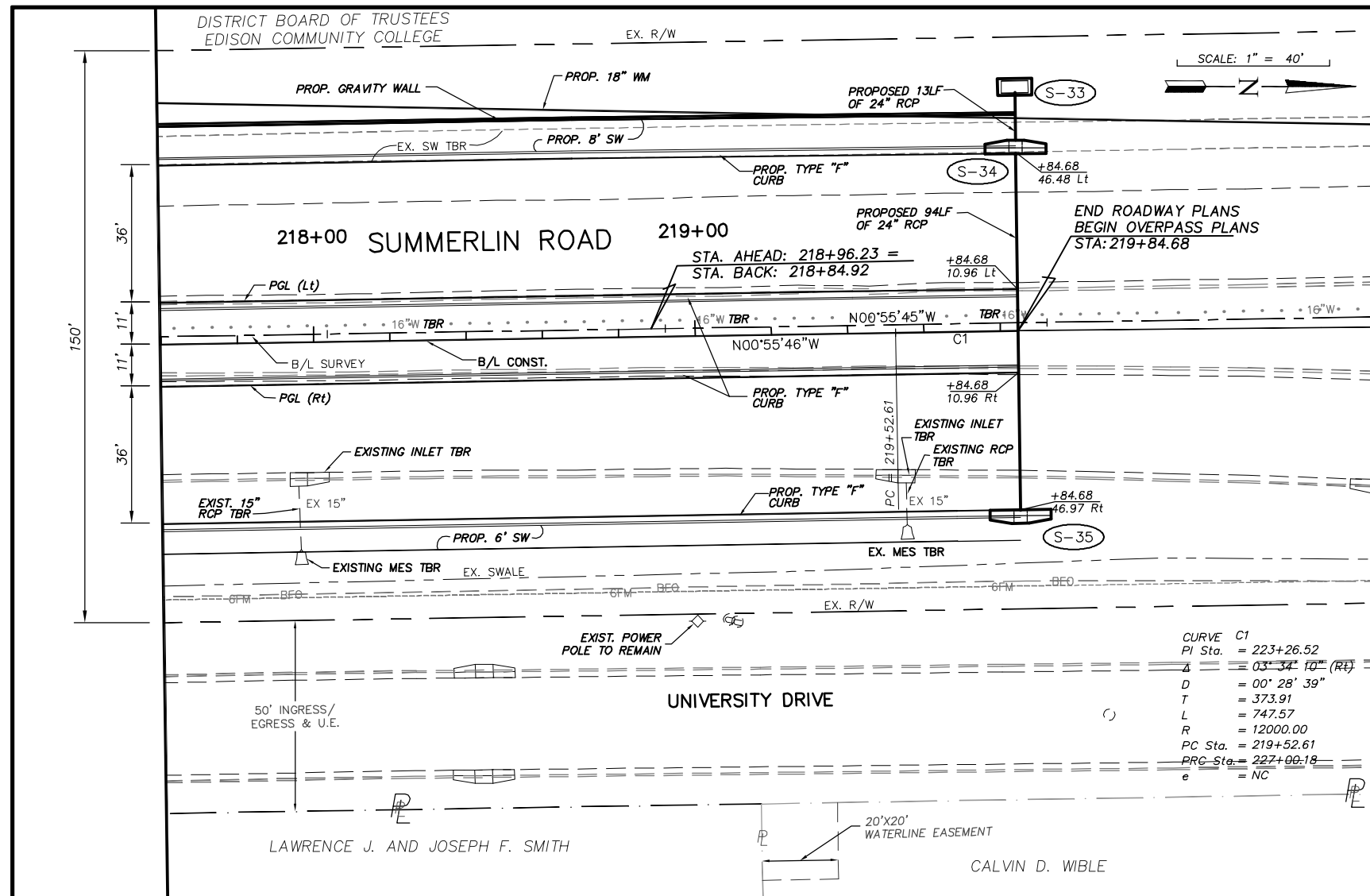
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: P&P-4
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11x17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

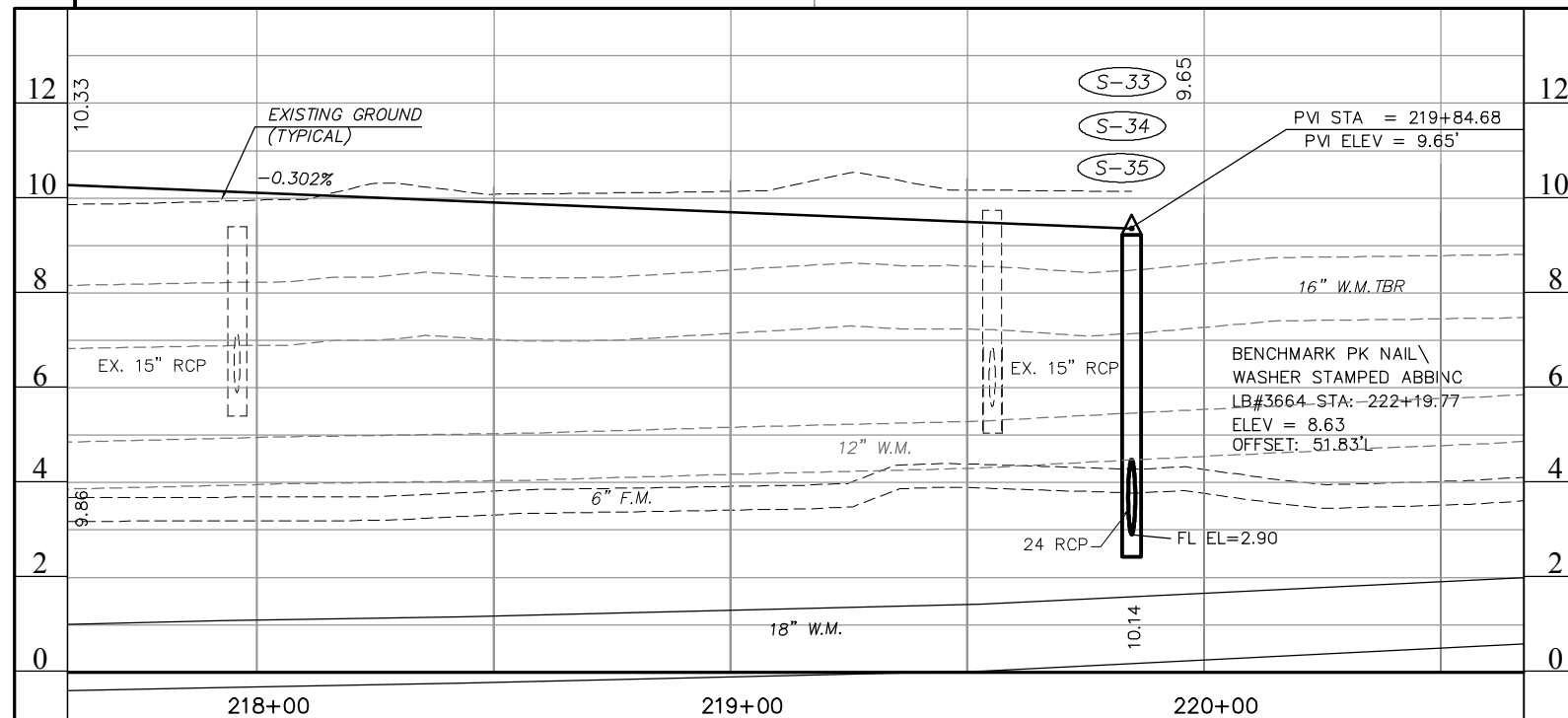
PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD
PLAN & PROFILE
STATION 212+00 - 217+00**

SHEET 26
OF 147
FILE NO. 7508

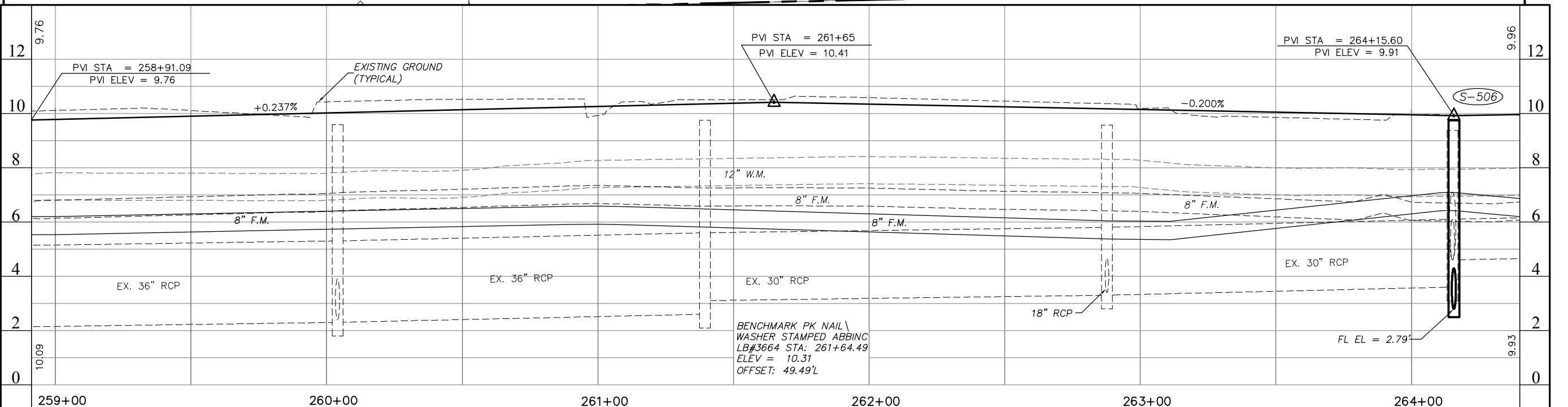
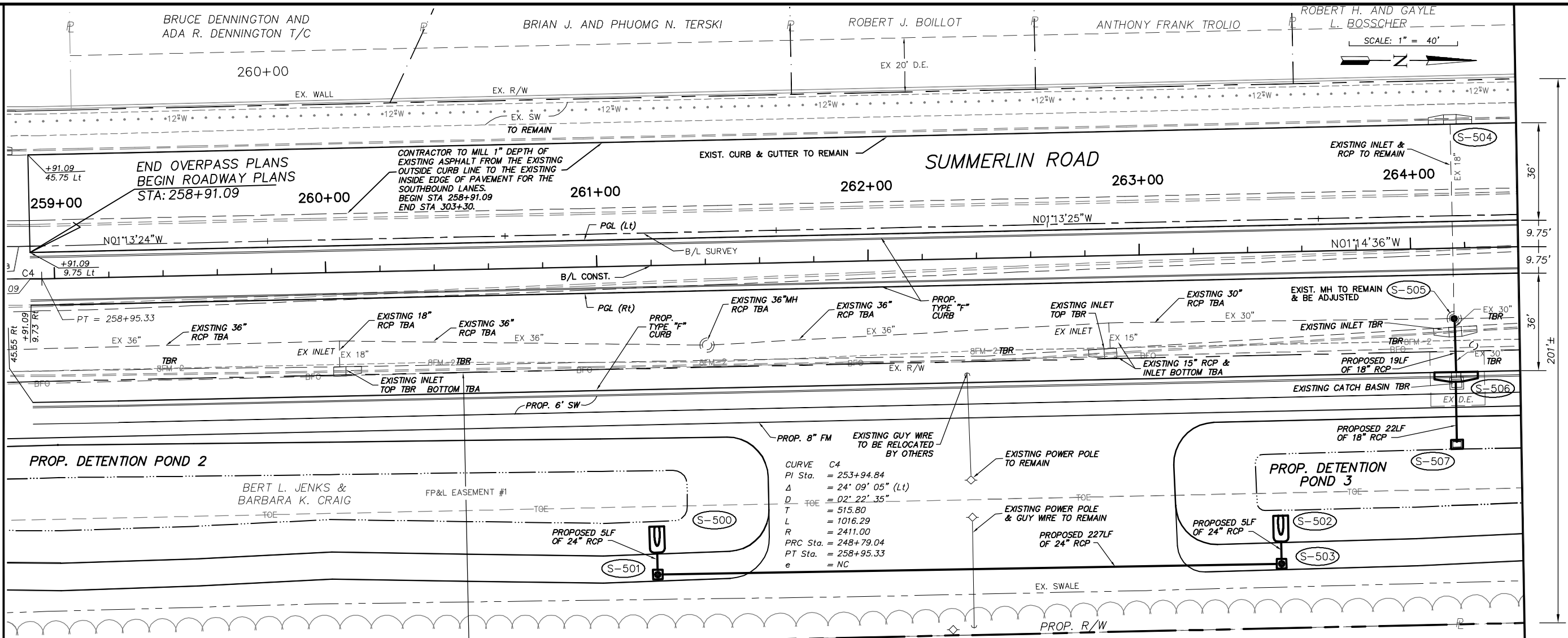


DETENTION POND 1 AND A PORTION OF DETENTION POND 2 FALL WITHIN THE LIMITS OF THE OVERPASS PLANS. REFER TO DETENTION POND SHEETS AND DRAINAGE STRUCTURE SHEETS FOR DETAILS ON DETENTION PONDS 1 AND 2 AS WELL AS ASSOCIATED DRAINAGE.



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD PLAN & PROFILE STATION 217+60 - END
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME	SHEET 27 OF 147 FILE NO. 7508
		REVIEWED BY: DWB	VERT SCALE: 1" = 2'		
		PLOT VIEW/LAYOUT: P&P-5	11x17 PLOT		
		CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'		
			VERT SCALE: 1" = 4'		



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

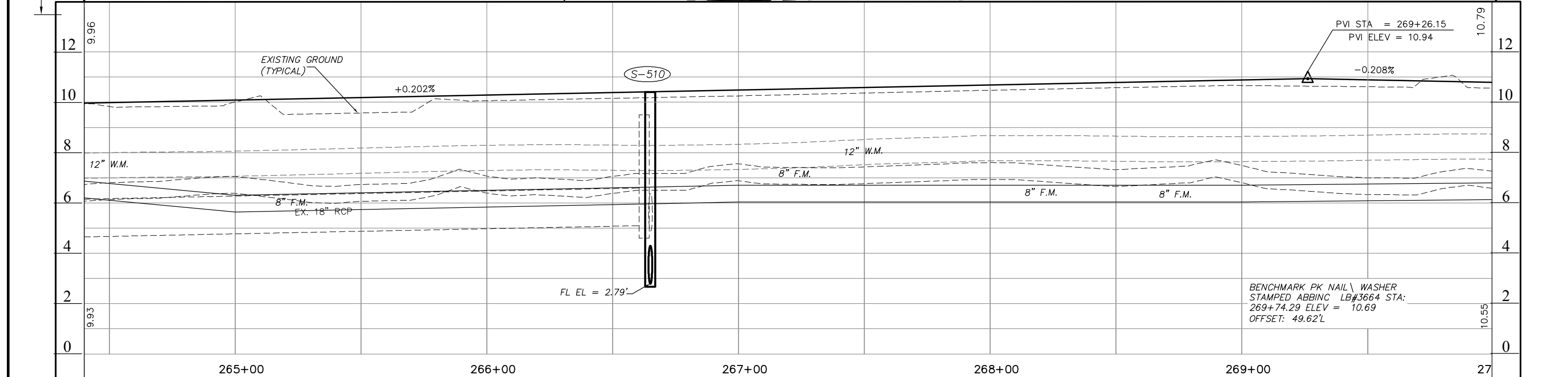
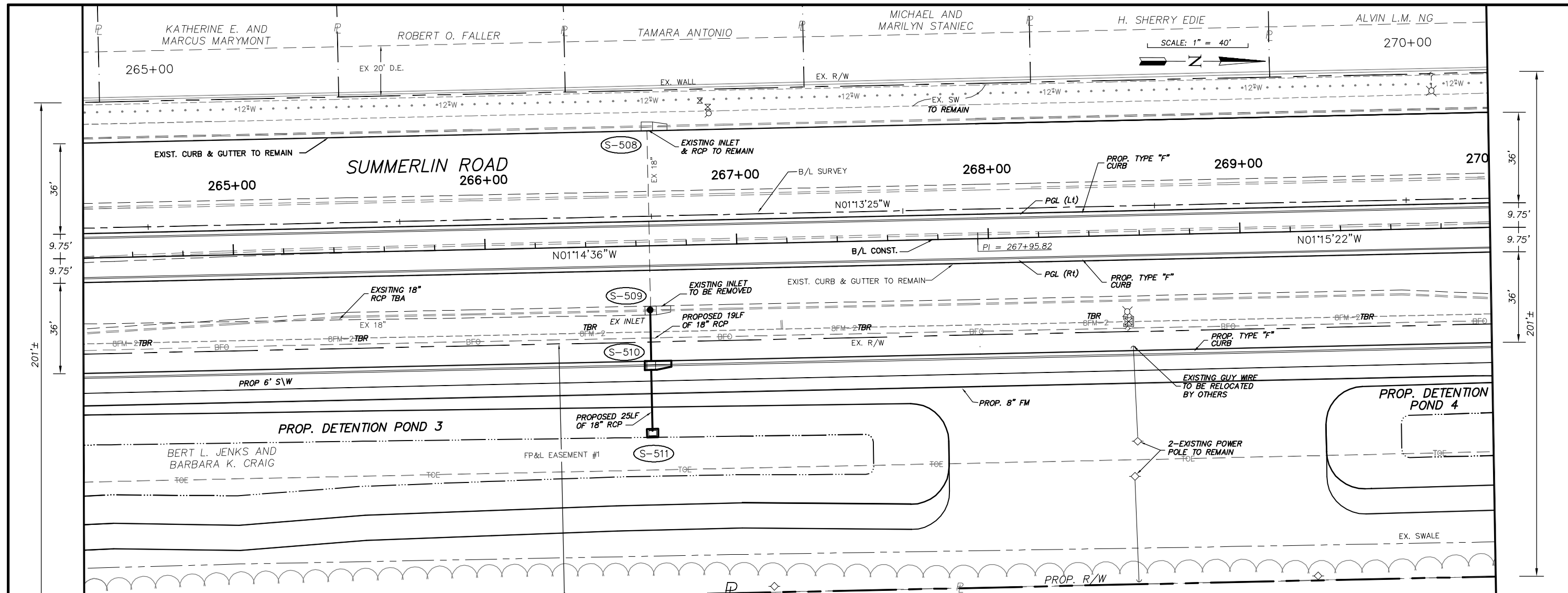
**LEE COUNTY
DEPT. OF TRANSPORTATION**

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BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-6	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**TITLE:
SUMMERLIN ROAD
PLAN & PROFILE
BEGIN STATION - 264+40**

SHEET **28**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

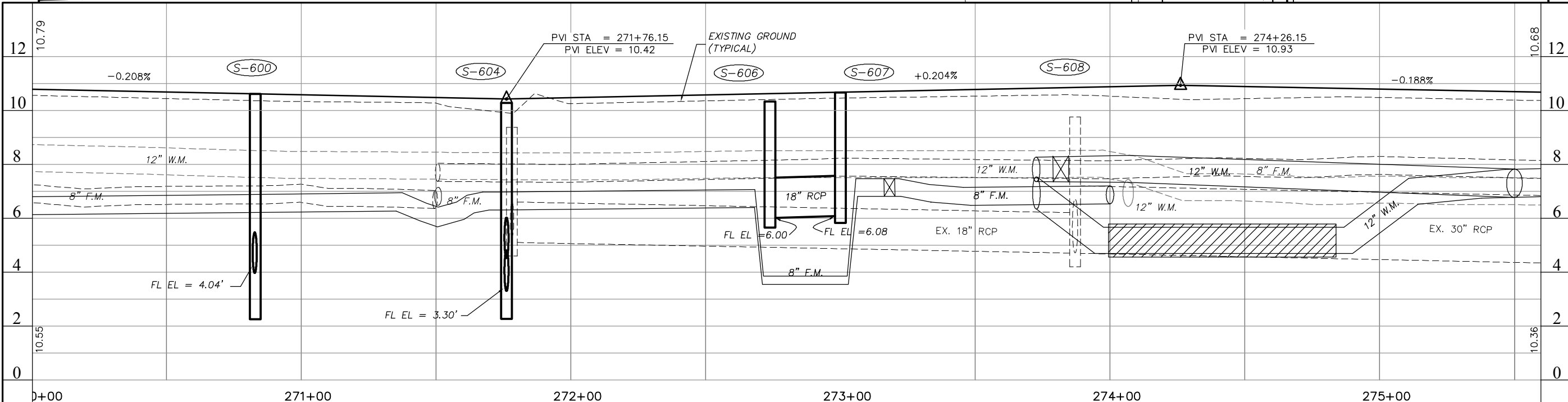
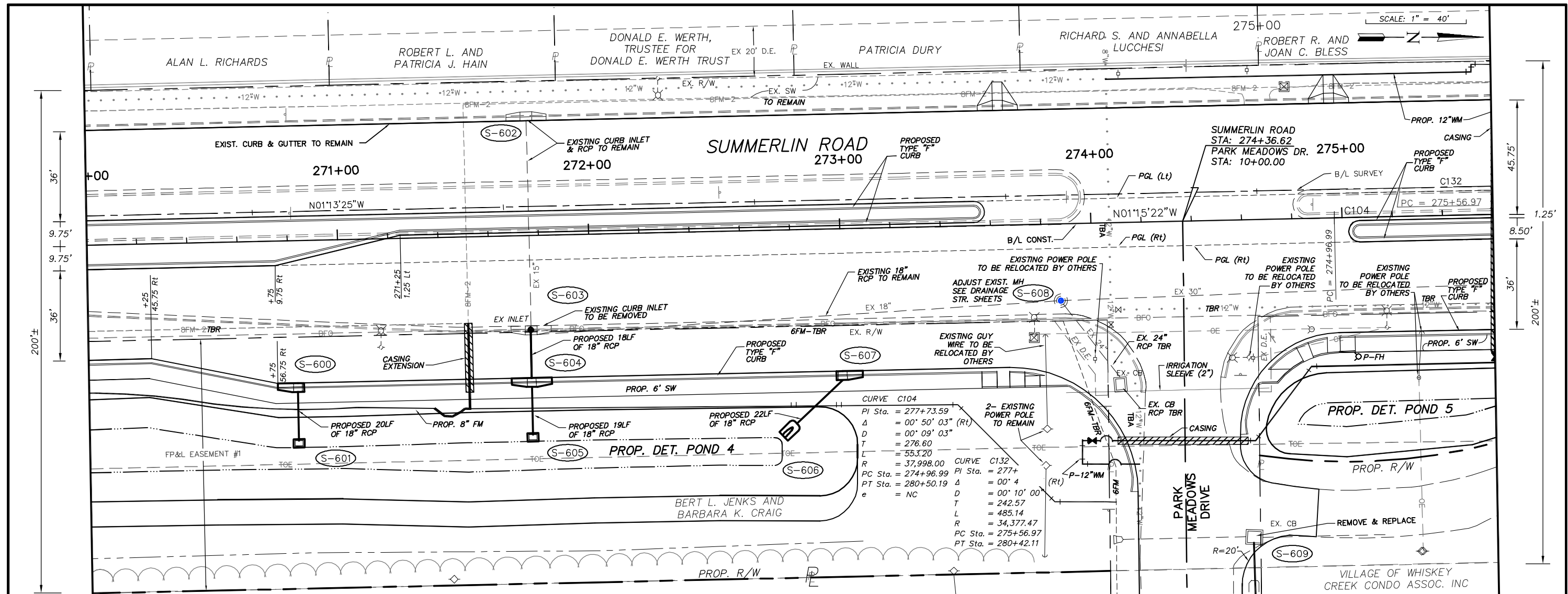
LEE COUNTY
DEPT. OF TRANSPORTATION

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BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-7	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

TITLE: **SUMMERLIN ROAD**
PLAN & PROFILE
STATION 264+40 - 270+00

SHEET **29**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

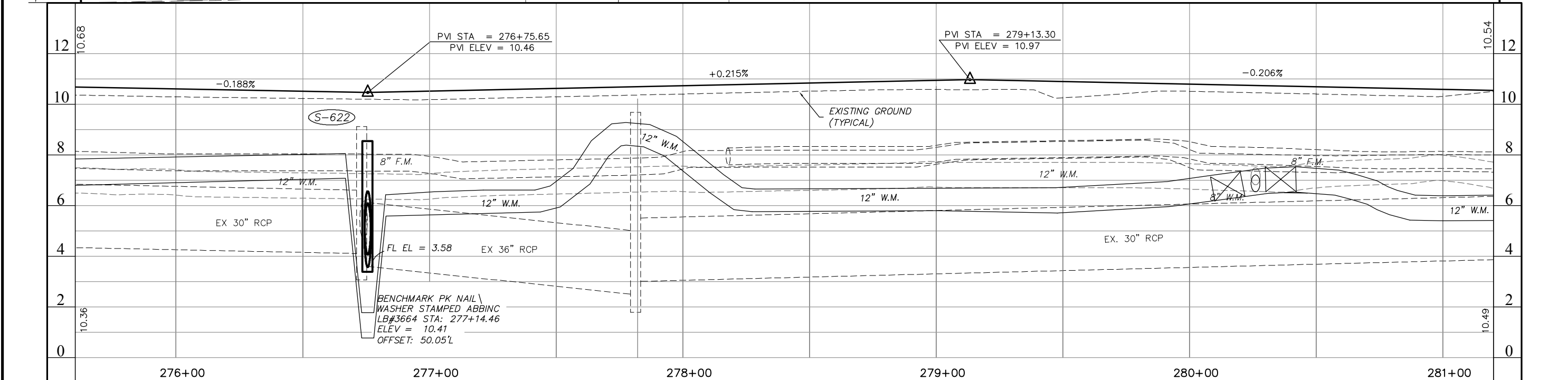
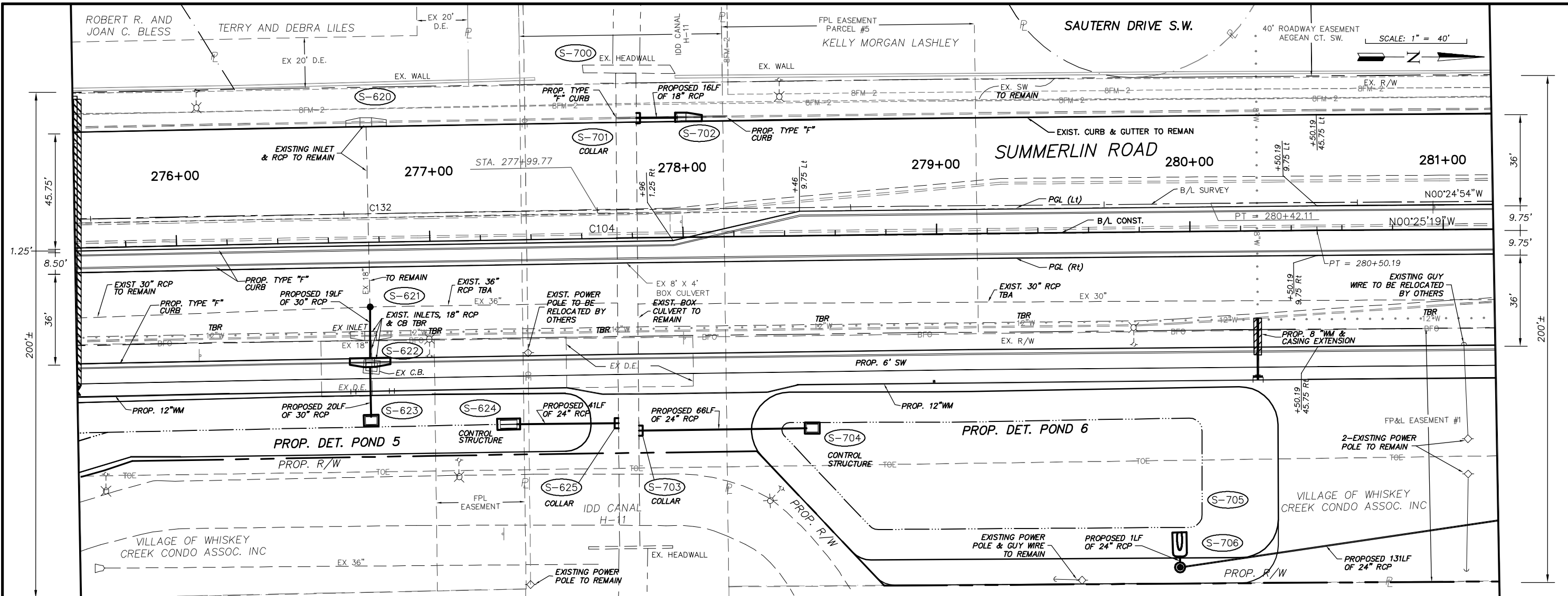
LEE COUNTY
DEPT. OF TRANSPORTATION

**AGNOLI
BARBER &
BRUNDAGE, INC.**
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT DATE: AUGUST 2007 PLAN STAGE: 100%
 DRAWN BY: TAM 24x36 PLOT
 CHECKED BY: EFT HORIZ SCALE: 1" = 20'
 REVIEWED BY: DWB VERT SCALE: 1" = 2'
 PLOT VIEW/LAYOUT: 11x17 PLOT
 P&P-8 HORIZ SCALE: 1" = 40'
 CTB NAME: 8000-ROAD VERT SCALE: 1" = 4' 7508-ME

SUMMERLIN ROAD
PLAN & PROFILE
STATION 270+00 - 275+00

SHEET **30**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-9	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**TITLE: SUMMERLIN ROAD
PLAN & PROFILE
STATION 275+60 - 281+20**

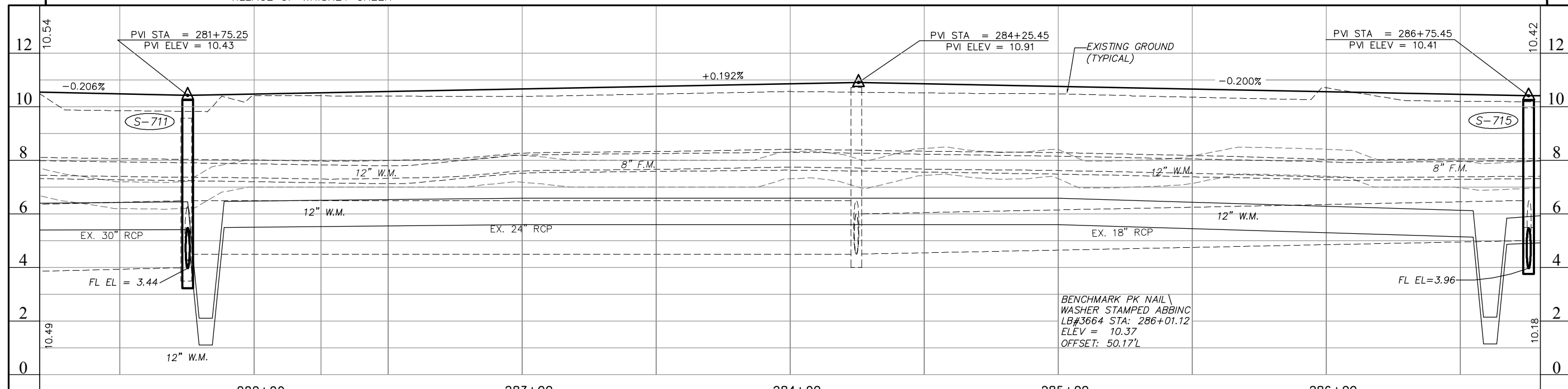
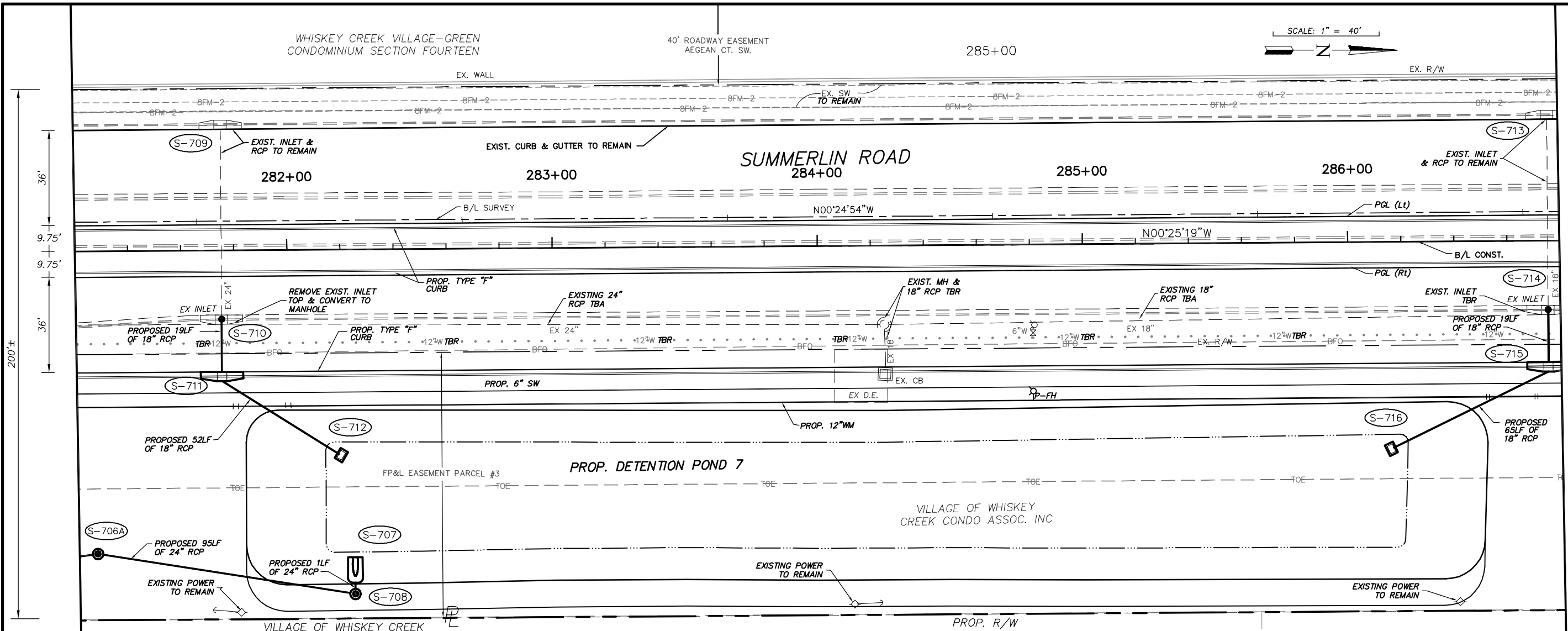
SHEET **31**
OF **147**
FILE NO. **7508**

WHISKEY CREEK VILLAGE-GREEN
CONDOMINIUM SECTION FOURTEEN

40' ROADWAY EASEMENT
AEGEAN CT. SW.

285+00

SCALE: 1" = 40'



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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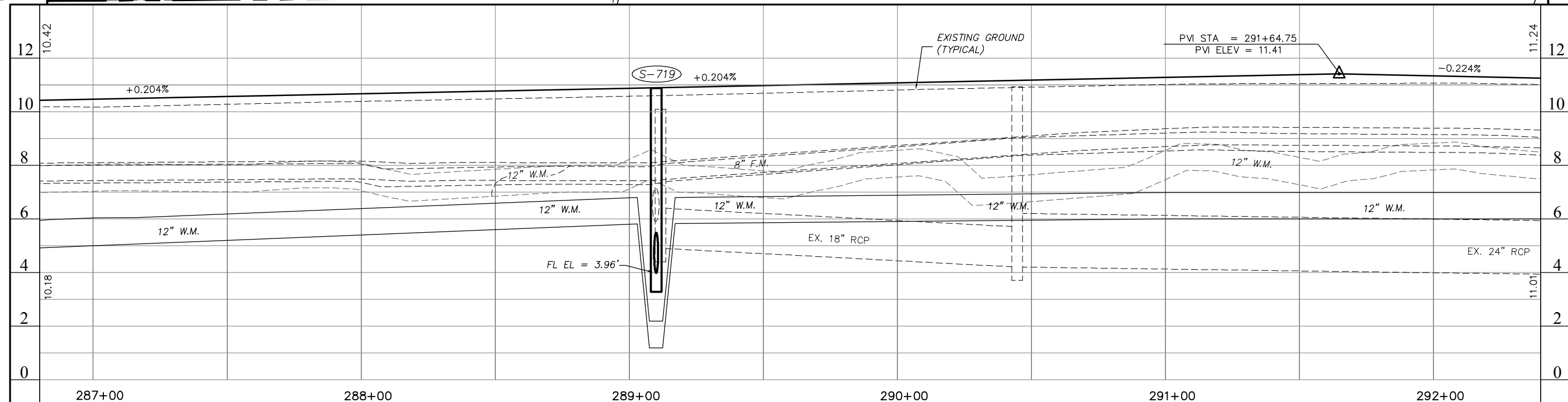
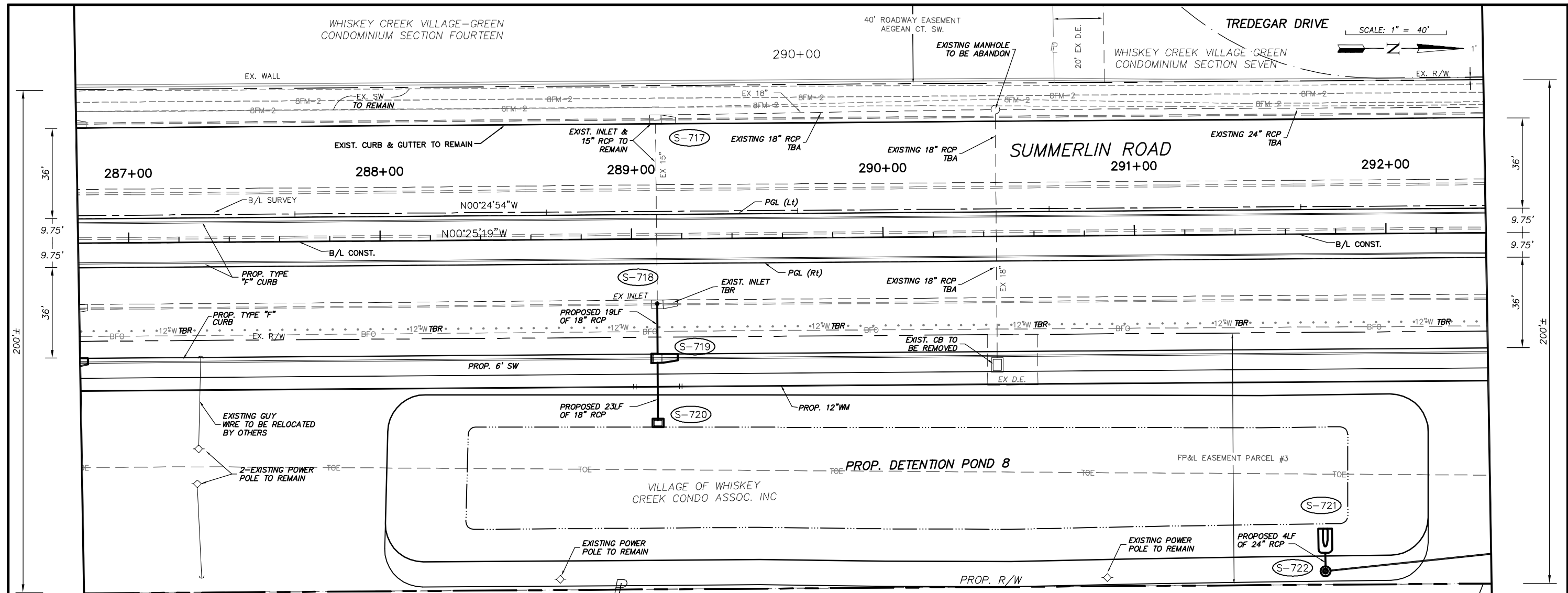
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: P&P-10
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11x17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD
PLAN & PROFILE
STATION 281+20 - 286+80**

SHEET **32**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

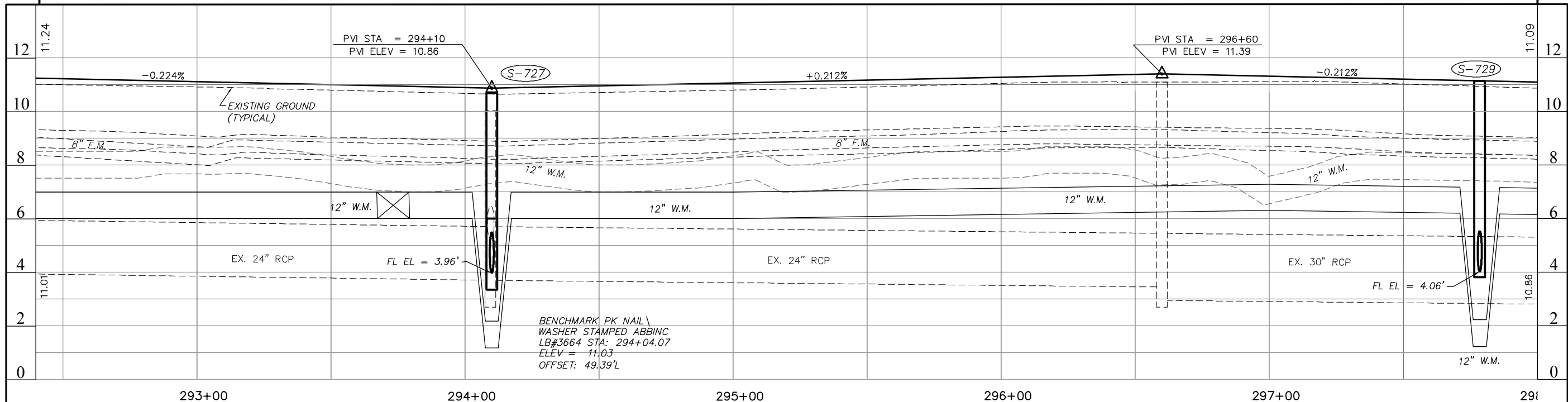
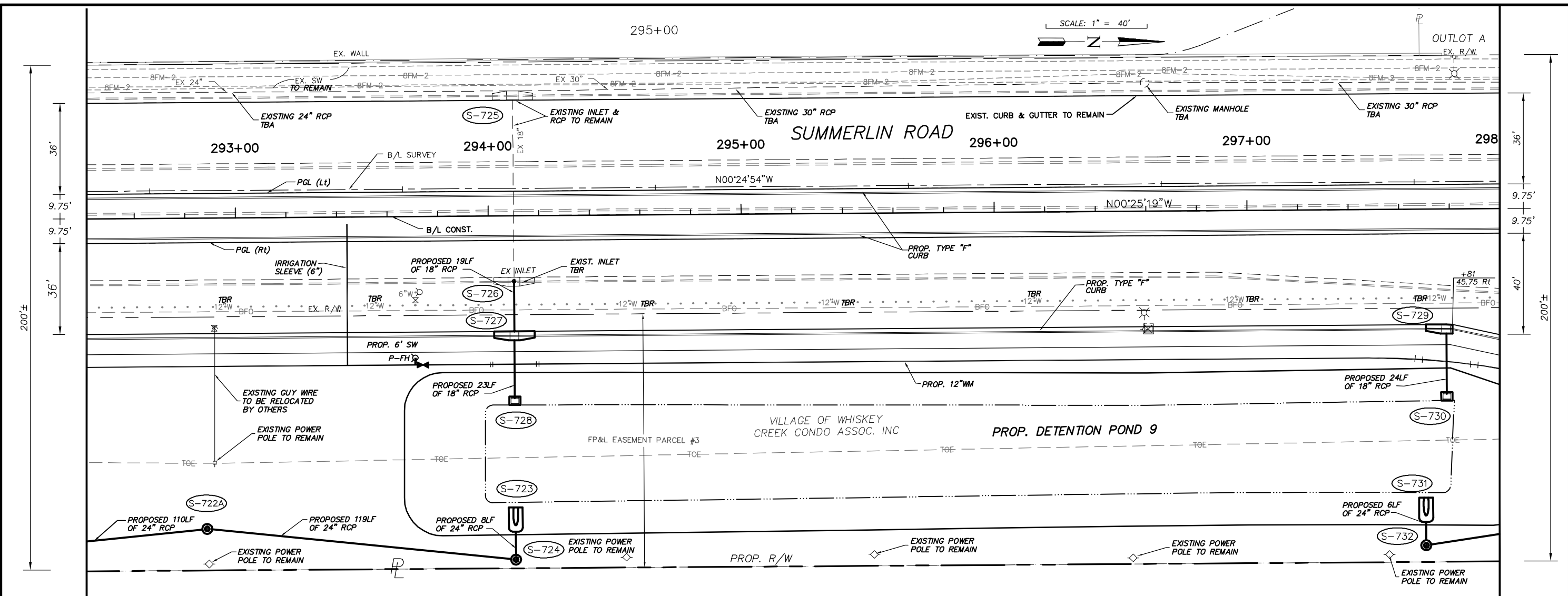
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DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-11	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**TITLE:
SUMMERLIN ROAD
PLAN & PROFILE
STATION 286+80 - 292+40**

SHEET **33**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

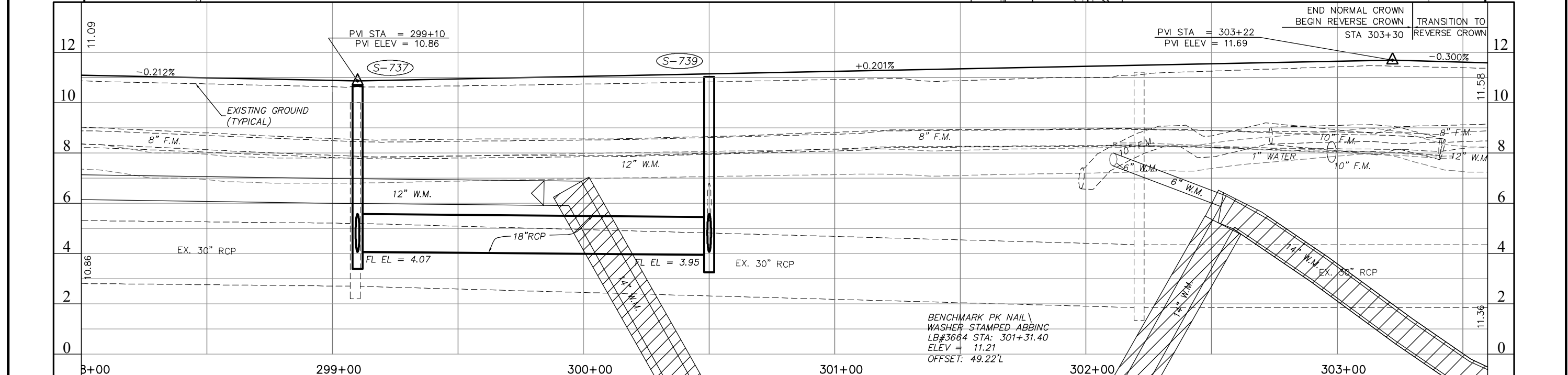
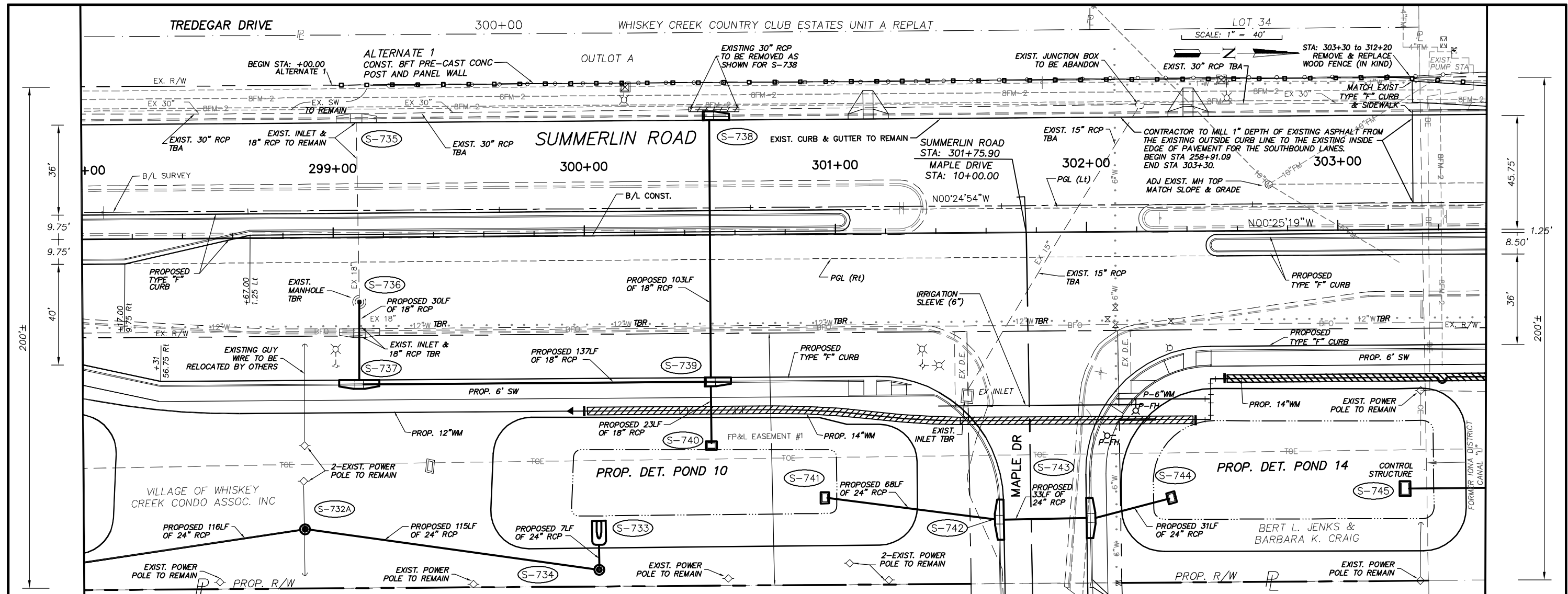
**LEE COUNTY
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Collier County - Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
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DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-12	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**SUMMERLIN ROAD
PLAN & PROFILE
STATION 292+40 - 298+00**

SHEET **34**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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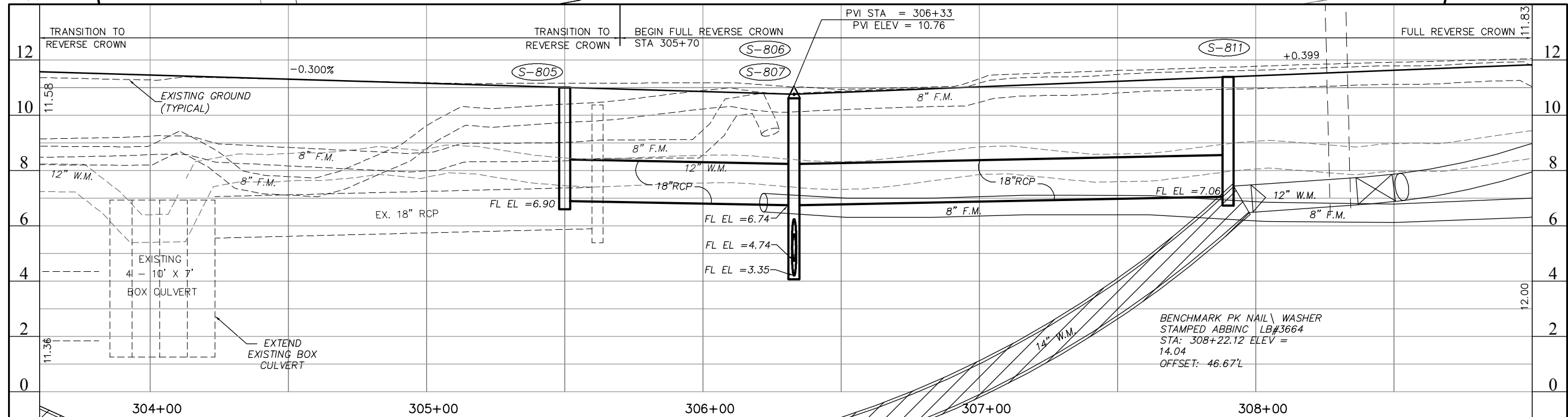
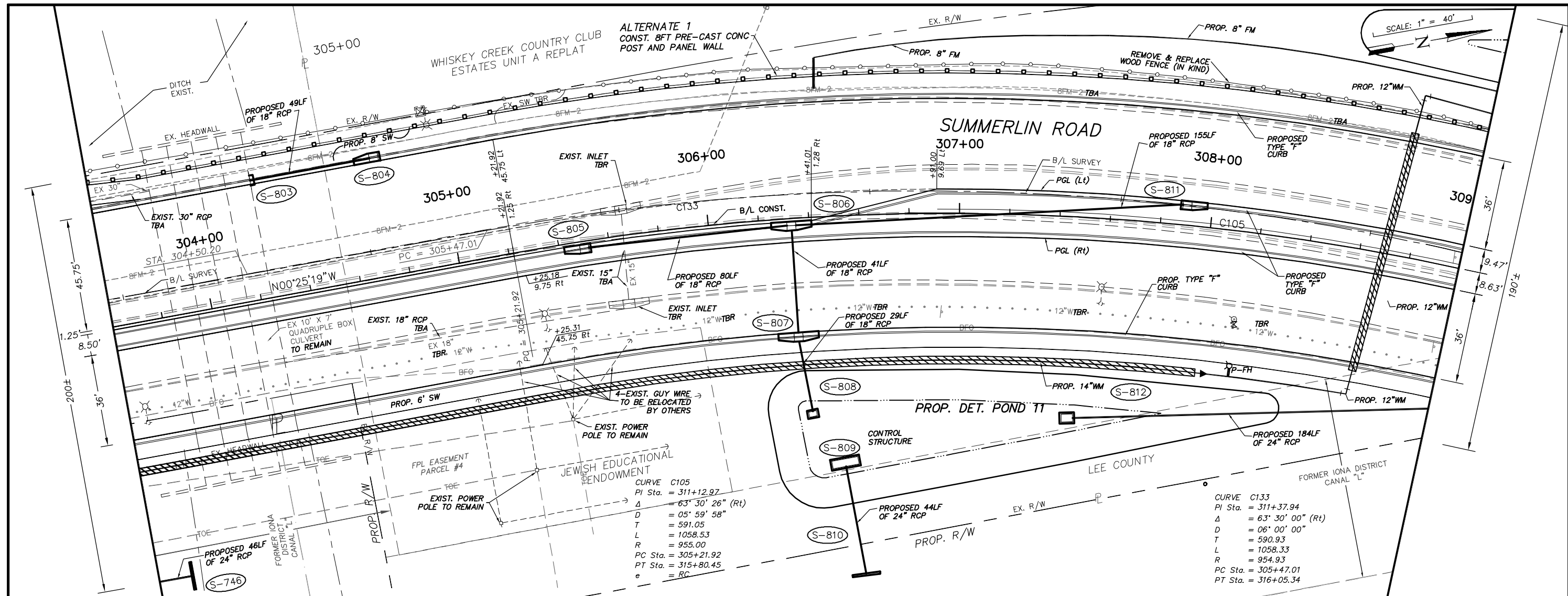
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: P&P-13
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11X17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD**
PLAN & PROFILE
STATION 298+00 - 303+60

SHEET **35**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: P&P-14
CTB NAME: 8000-ROAD

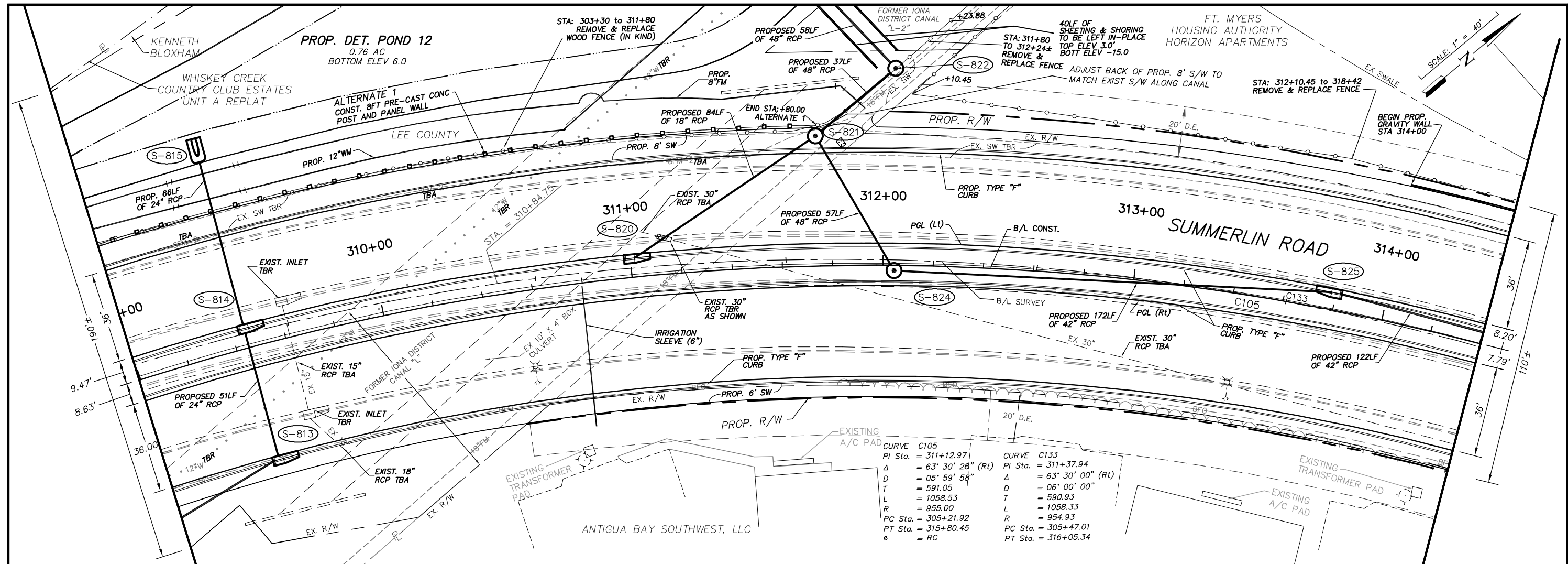
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'

11X17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

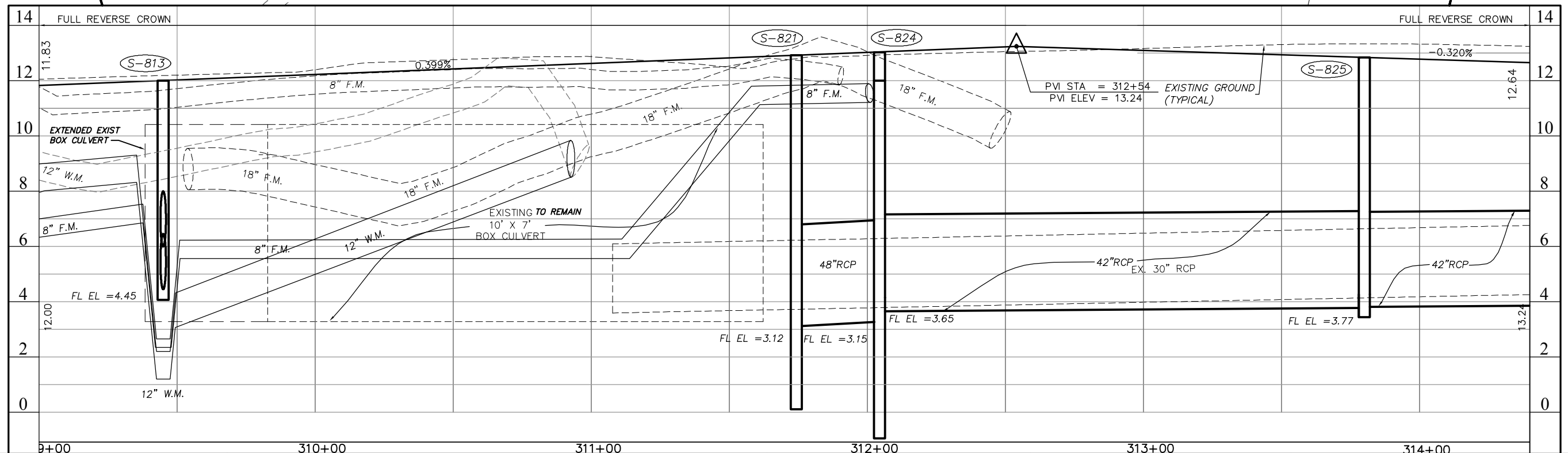
PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD**
PLAN & PROFILE
STATION 303+60 - 309+00

SHEET **36**
OF **147**
FILE NO. **7508**



EXISTING A/C PAD	
CURVE C105	PI Sta. = 311+12.971
	Δ = 63° 30' 26" (Rt)
	D = 05° 59' 58"
	T = 591.05
	L = 1058.53
	R = 955.00
	PC Sta. = 305+21.92
	PT Sta. = 315+80.45
	e = RC
CURVE C133	PI Sta. = 311+37.94
	Δ = 63° 30' 00" (Rt)
	D = 06° 00' 00"
	T = 590.93
	L = 1058.33
	R = 954.93
	PC Sta. = 305+47.01
	PT Sta. = 316+05.34



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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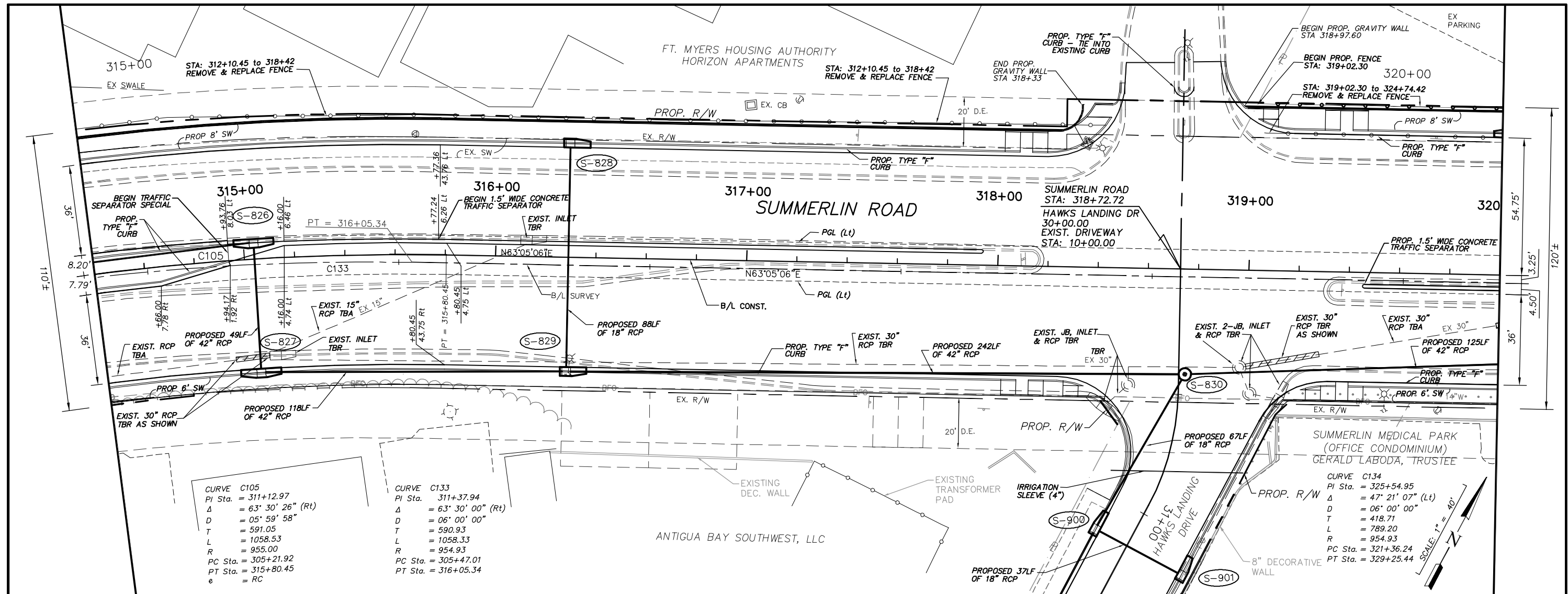
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: P&P-15
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11x17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD
PLAN & PROFILE
STATION 309+00 - 314+00**

SHEET **37**
OF **147**
FILE NO. **7508**



CURVE C105

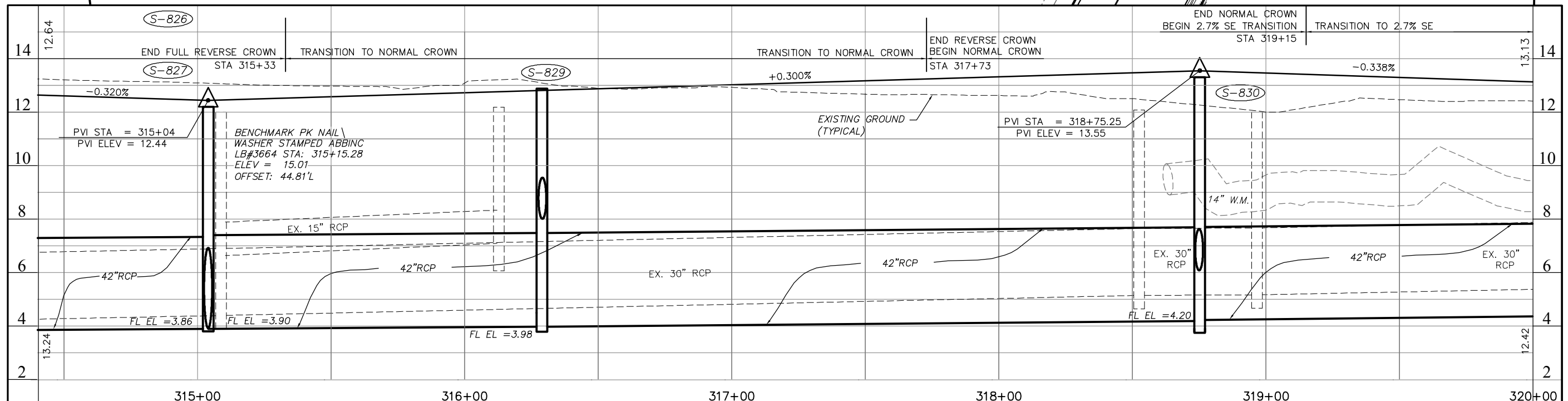
PI Sta. = 311+12.97
 Δ = 63° 30' 26" (Rt)
D = 05° 59' 58"
T = 591.05
L = 1058.53
R = 955.00
PC Sta. = 305+21.92
PT Sta. = 315+80.45
 ϵ = RC

CURVE C133

PI Sta. = 311+37.94
 Δ = 63° 30' 00" (Rt)
D = 06° 00' 00"
T = 590.93
L = 1058.33
R = 954.93
PC Sta. = 305+47.01
PT Sta. = 316+05.34

CURVE C134

PI Sta. = 325+54.95
 Δ = 47° 21' 07" (Lt)
D = 06° 00' 00"
T = 418.71
L = 789.20
R = 954.93
PC Sta. = 321+36.24
PT Sta. = 329+25.44



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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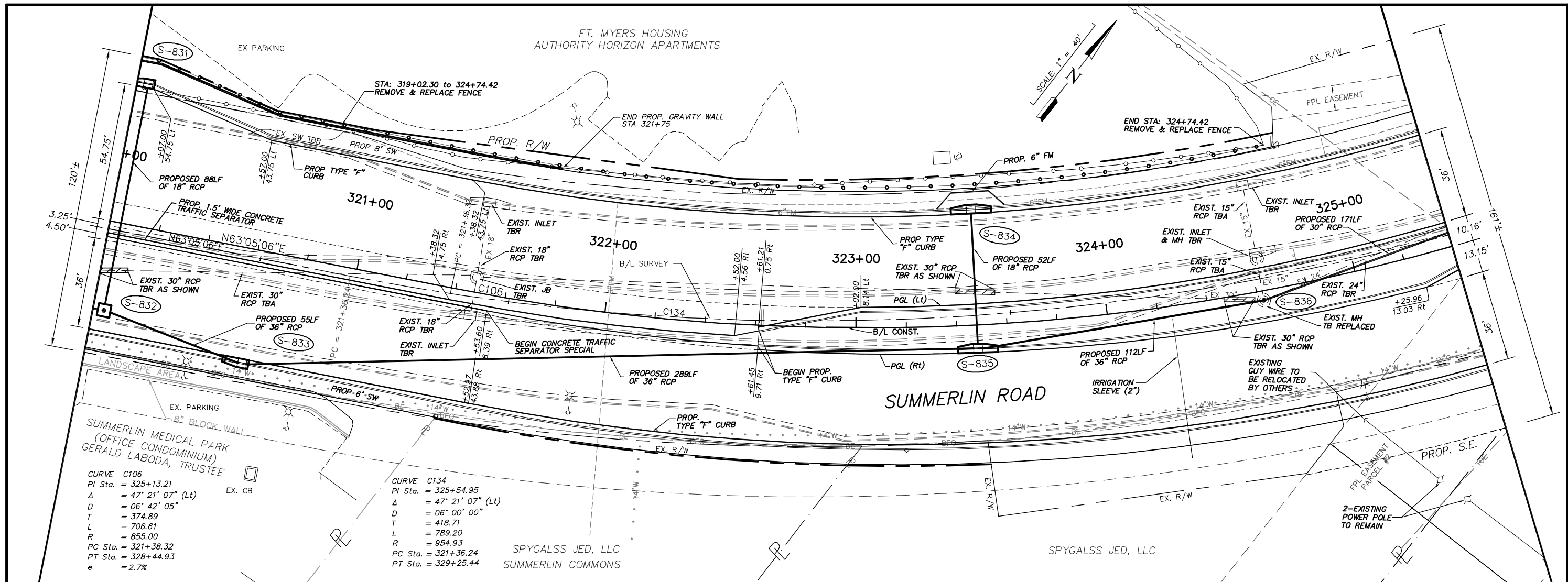
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: P&P-16
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ME

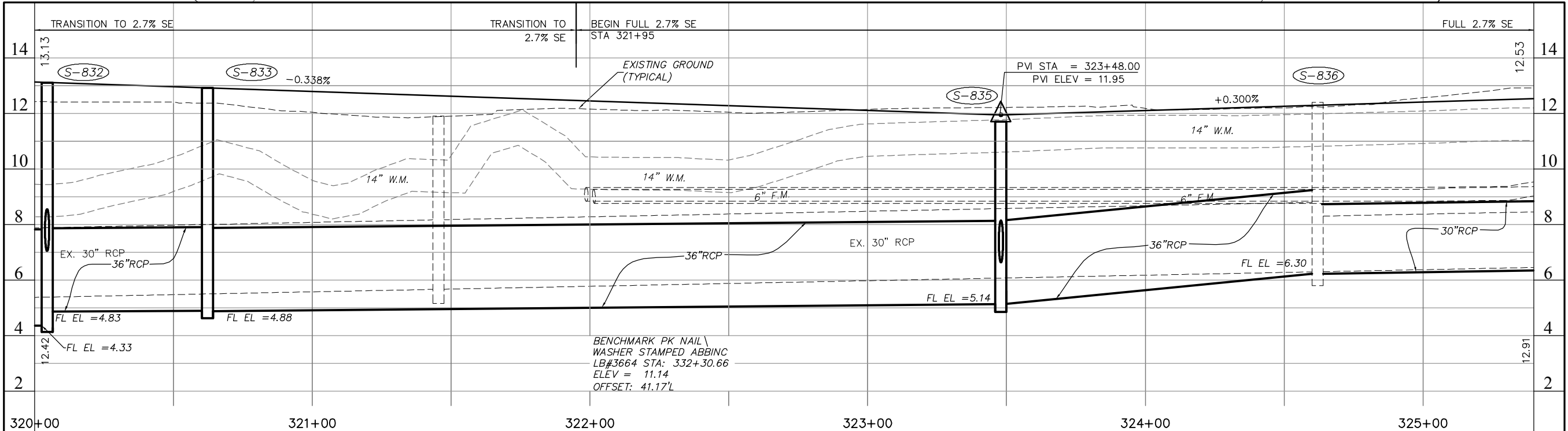
TITLE: **SUMMERLIN ROAD**
PLAN & PROFILE
STATION 314+40 - 320+00

SHEET **38**
OF **147**
FILE NO. **7508**



CURVE C106
 PI Sta. = 325+13.21
 Δ = 47° 21' 07" (Lt)
 D = 06° 42' 05"
 T = 374.89
 L = 706.61
 R = 855.00
 PC Sta. = 321+38.32
 PT Sta. = 328+44.93
 e = 2.7%

CURVE C134
 PI Sta. = 325+54.95
 Δ = 47° 21' 07" (Lt)
 D = 06° 00' 00"
 T = 418.71
 L = 789.20
 R = 954.93
 PC Sta. = 321+36.24
 PT Sta. = 329+25.44



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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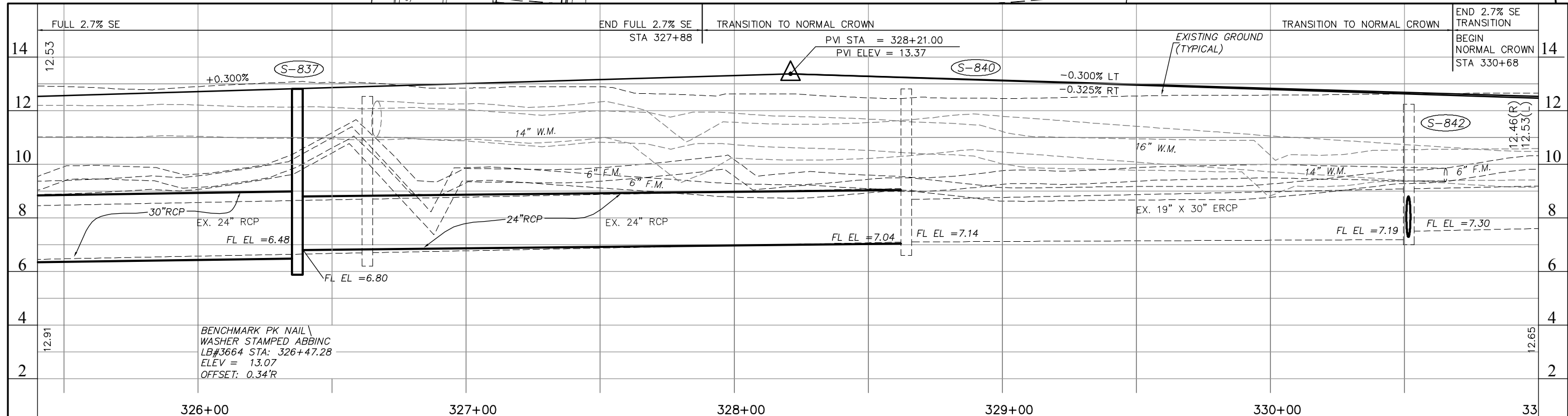
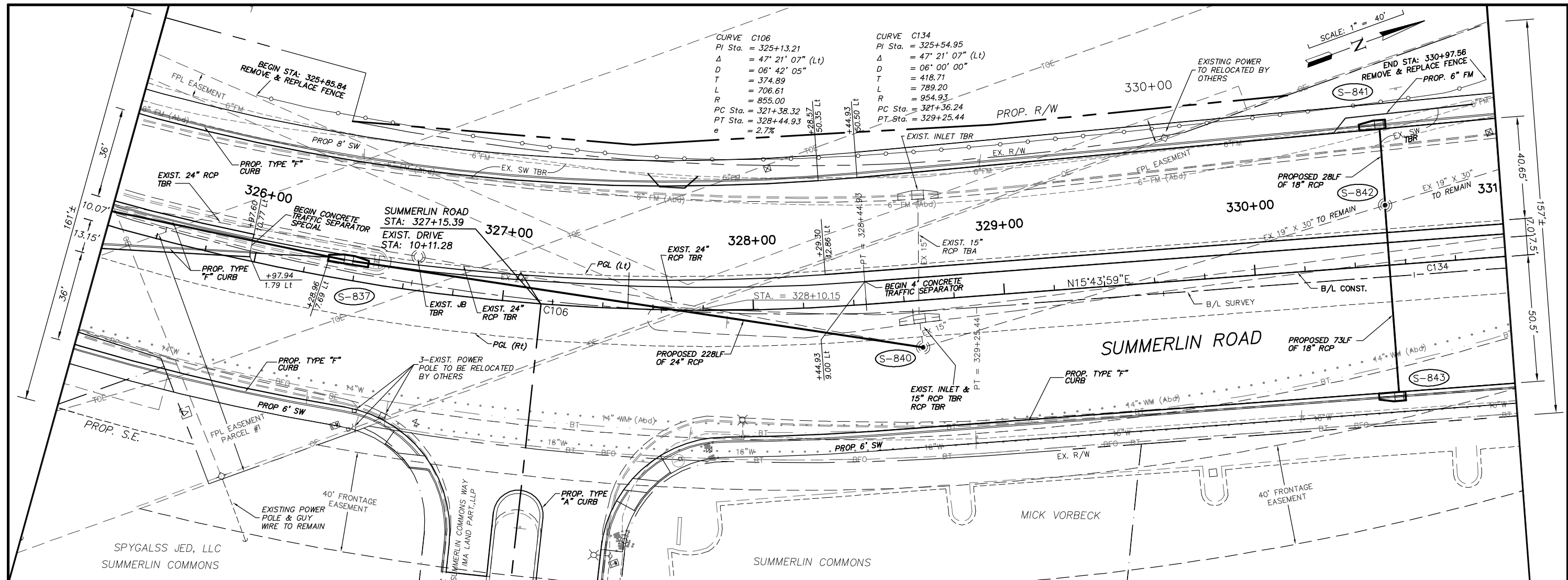
DESIGNED BY: EFT
 DRAWN BY: TAM
 CHECKED BY: EFT
 REVIEWED BY: DWB
 PLOT VIEW/LAYOUT: P&P-17
 CTB NAME: 8000-ROAD

DATE: AUGUST 2007
 24x36 PLOT
 HORIZ SCALE: 1" = 20'
 VERT SCALE: 1" = 2'
 11X17 PLOT
 HORIZ SCALE: 1" = 40'
 VERT SCALE: 1" = 4'

PLAN STAGE: 100%
 ABB PROJECT NO.: 7993
 ACAD DWG: 7508-ME

TITLE: **SUMMERLIN ROAD
 PLAN & PROFILE
 STATION 320+00 - 325+40**

SHEET **39**
 OF **147**
 FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

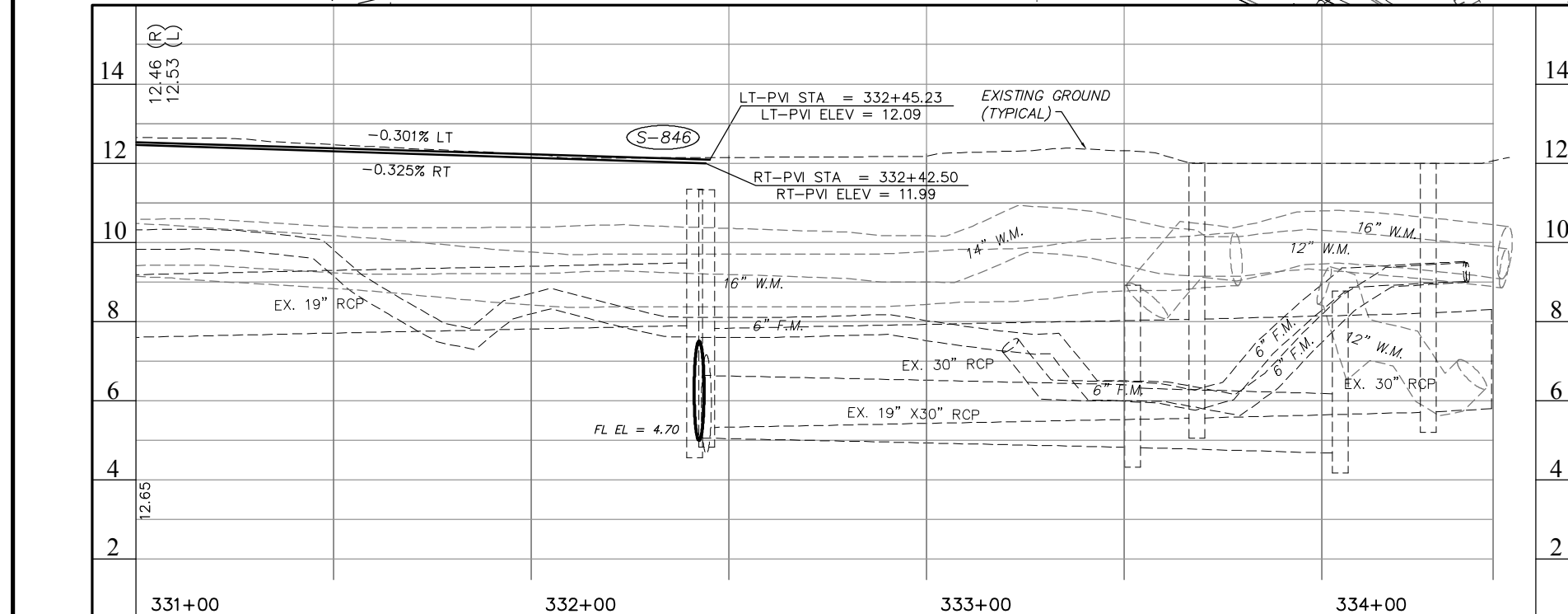
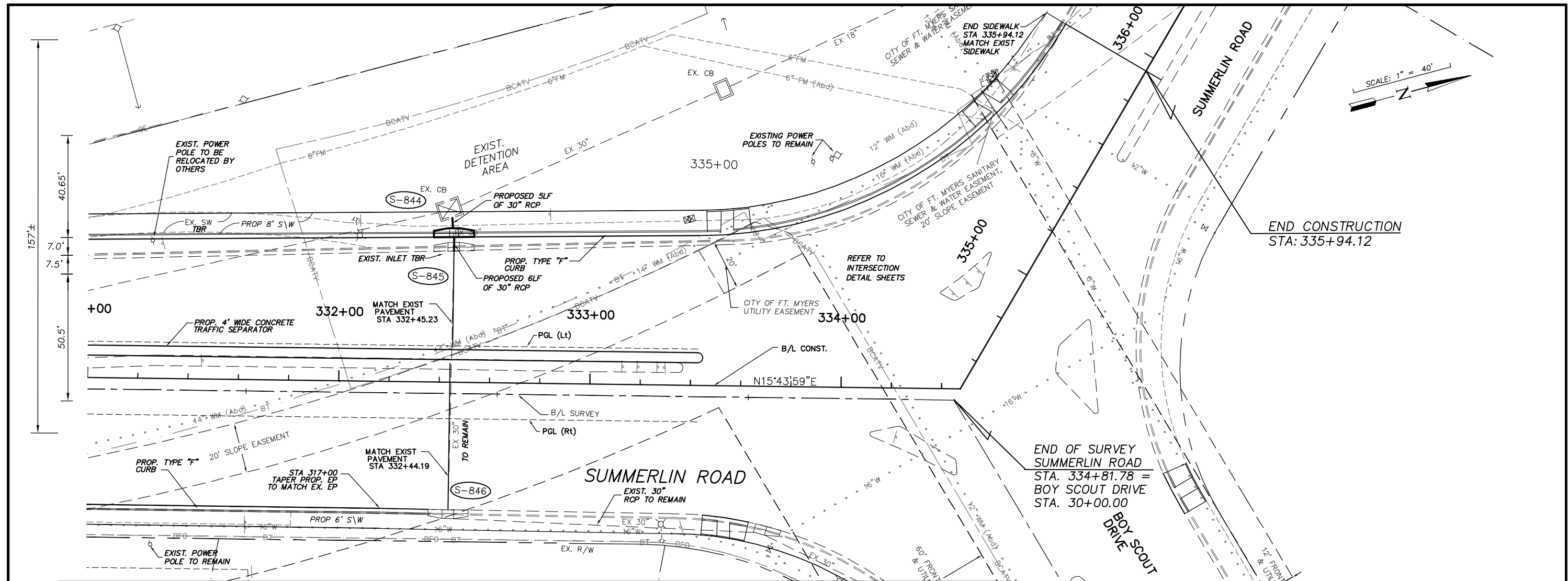
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(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-18	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**SUMMERLIN ROAD
PLAN & PROFILE
STATION 325+40 - 331+00**

SHEET **40**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

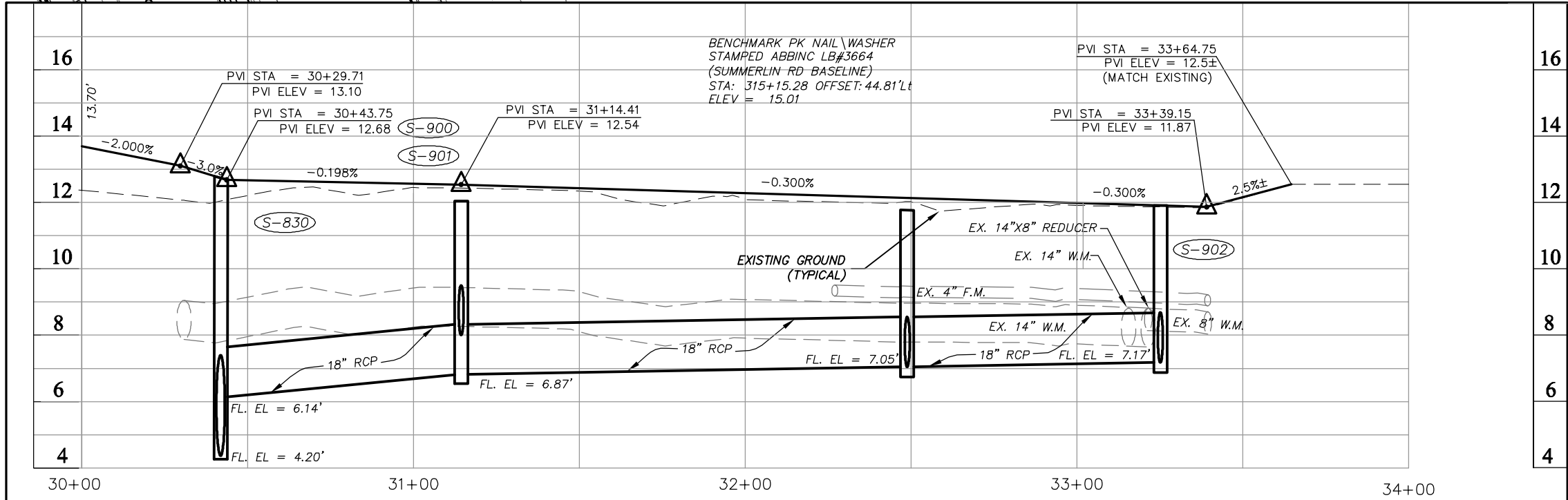
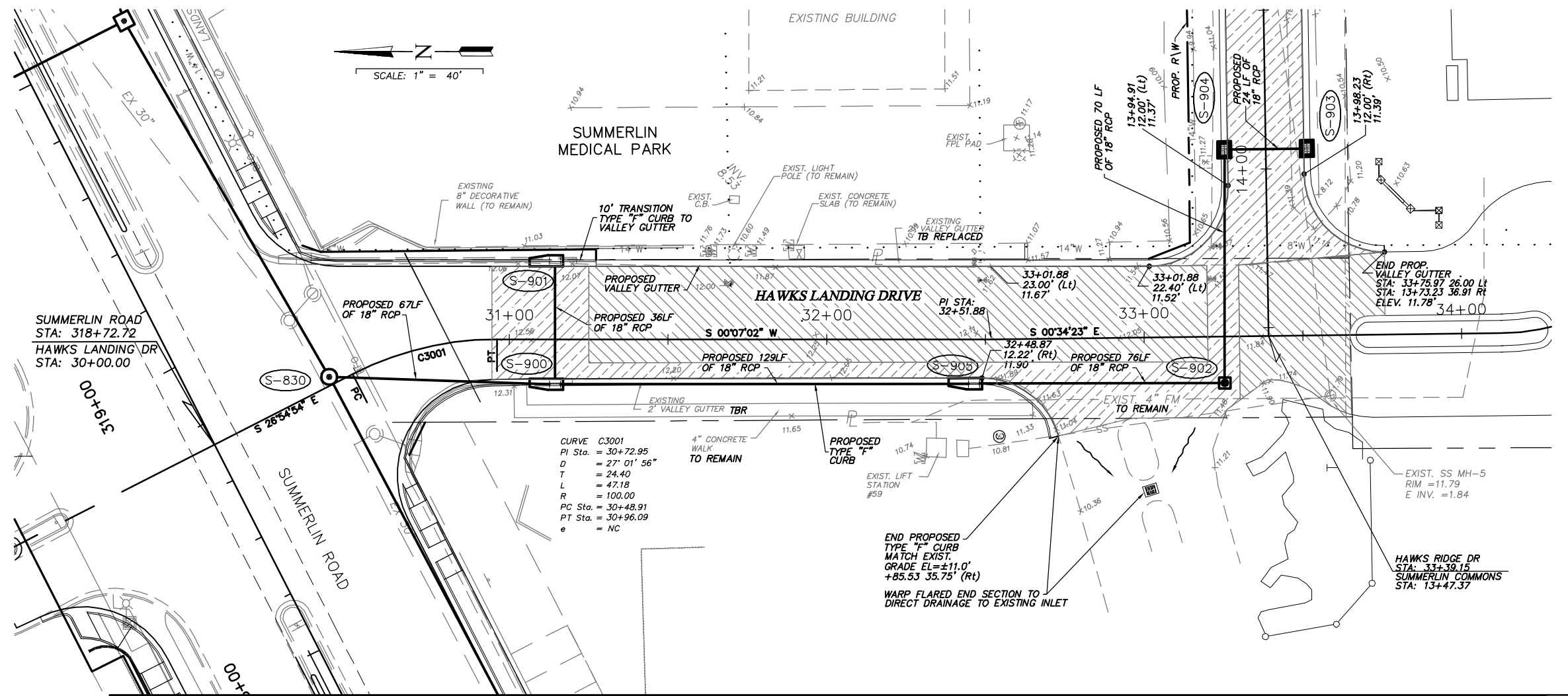
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(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: P&P-19	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**SUMMERLIN ROAD
PLAN & PROFILE
STATION 331+00 - END**

SHEET **41**
OF **147**
FILE NO. **7508**

- 1" MILL AND 1" OVERLAY WITH S-III ASPHALT
- NEW CONSTRUCTION MAPLE DRIVE ASPHALTIC CONCRETE COURSE TYPE S-III, 1" THICK ASPHALTIC CONCRETE COURSE TYPE S-I, 1 1/2" THICK LIMEROCK BASE, 8" THICK (PRIMED) TYPE B STABILIZATION, LBR 40 (12")



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

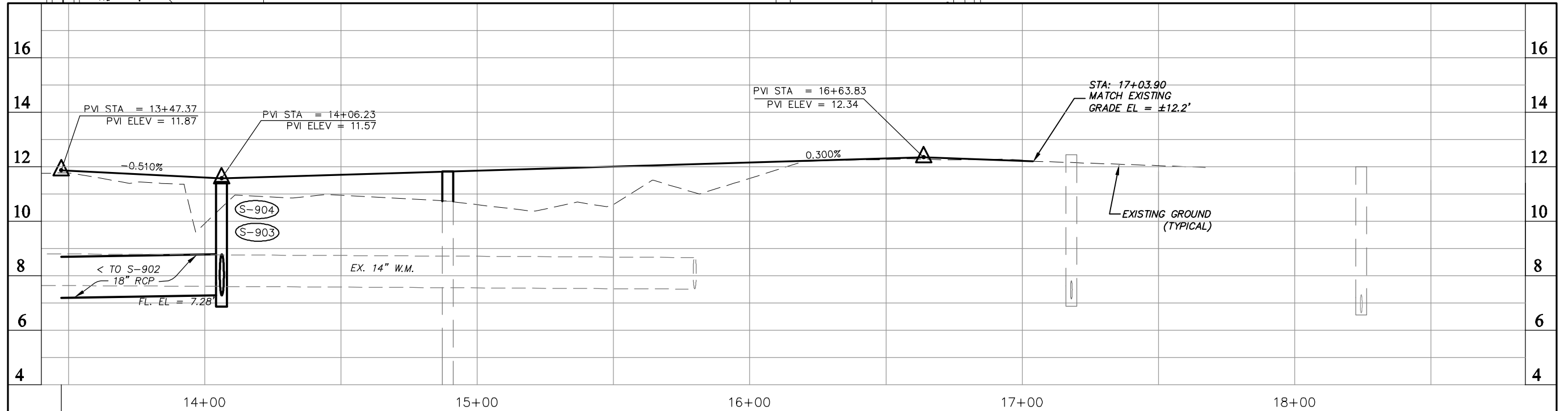
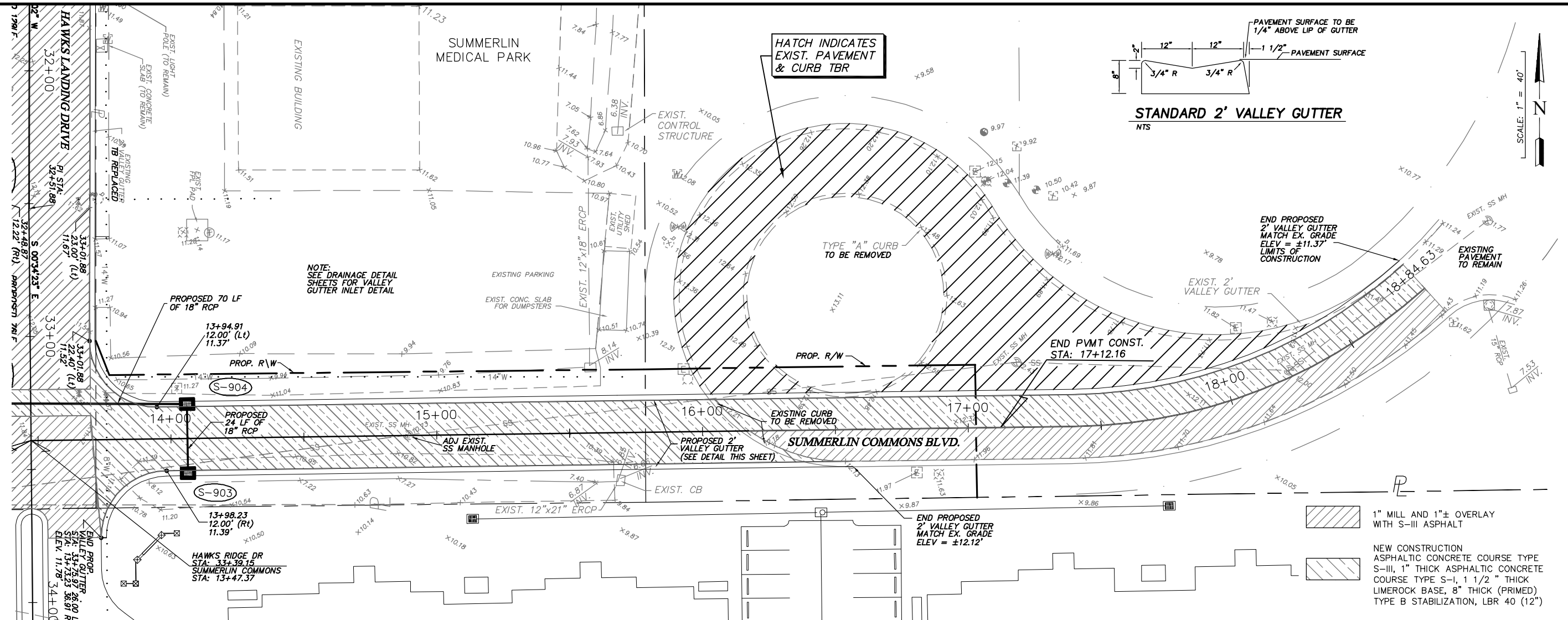
**LEE COUNTY
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: Connector Road	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**HAWKS LANDING DRIVE
PLAN & PROFILE
BEGIN STA 10+11.28 TO 13+51.63**

SHEET **42**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
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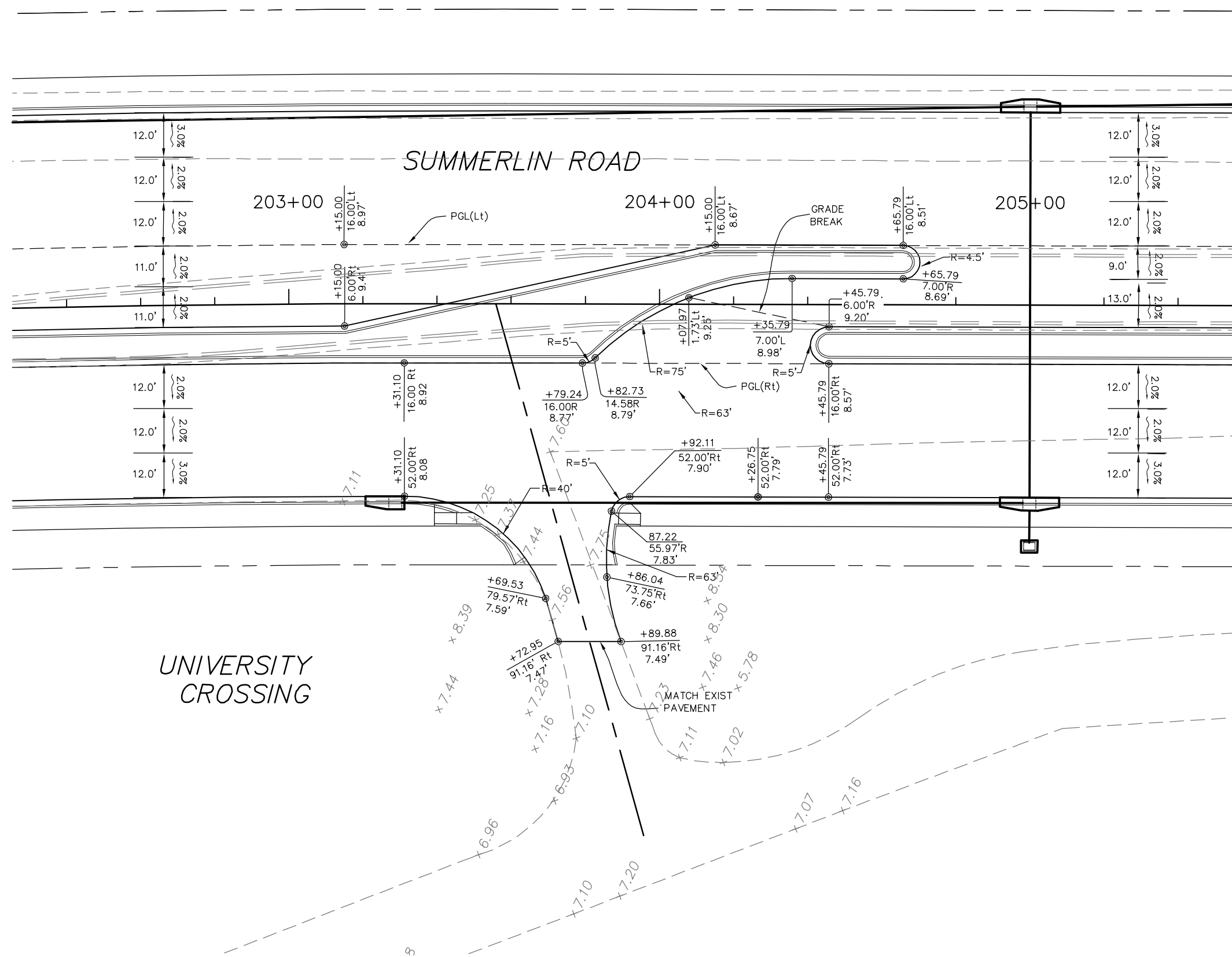
**AGNOLI
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(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 750B-ME
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: CONNECTOR ROAD	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**TITLE: SUMMERLIN COMMONS BLVD.
PLAN & PROFILE
END STA 13+51.63 TO 18+84.64**

SHEET **43**
OF **147**
FILE NO. **7508**

SCALE: 1" = 30'



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

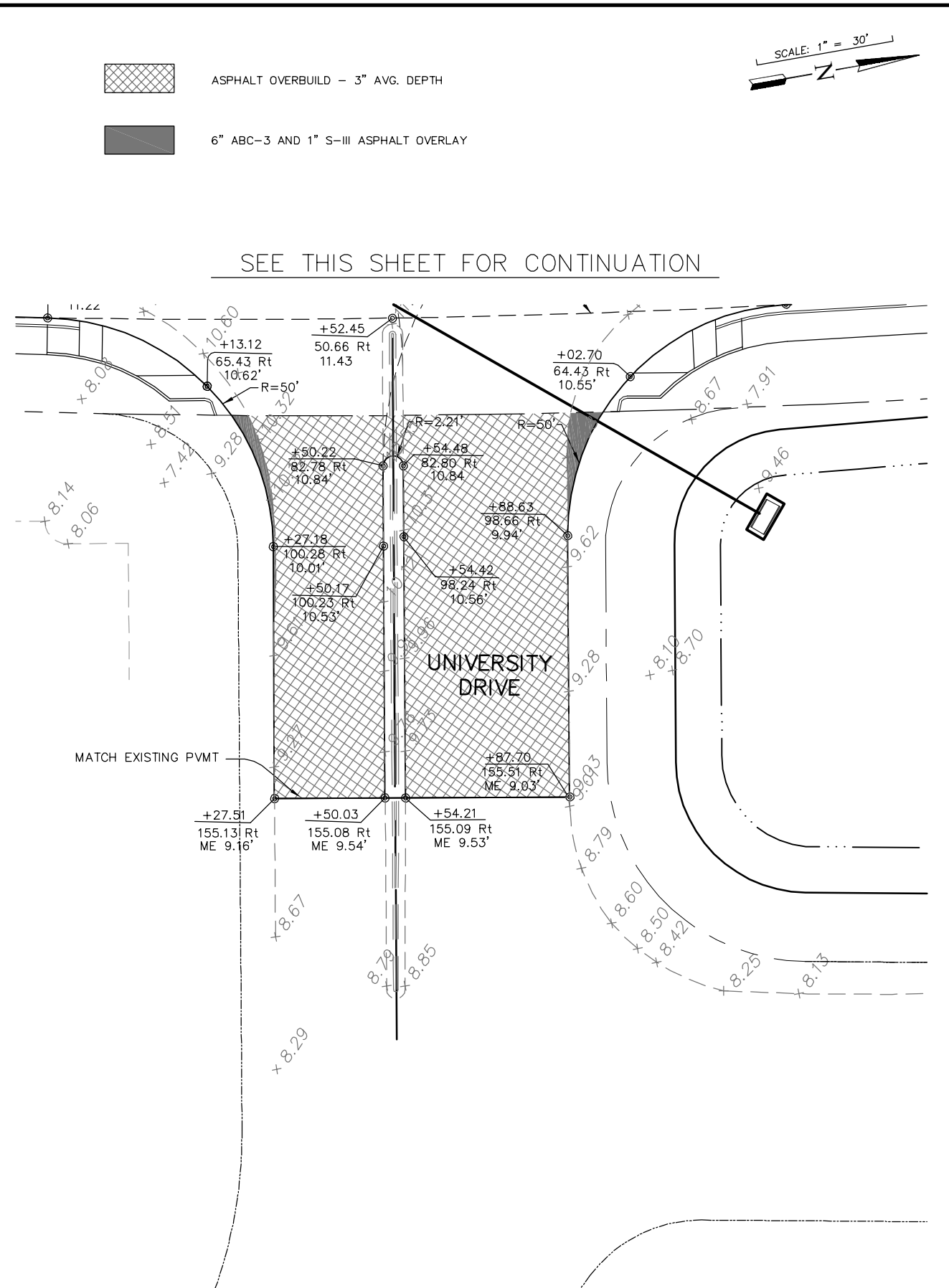
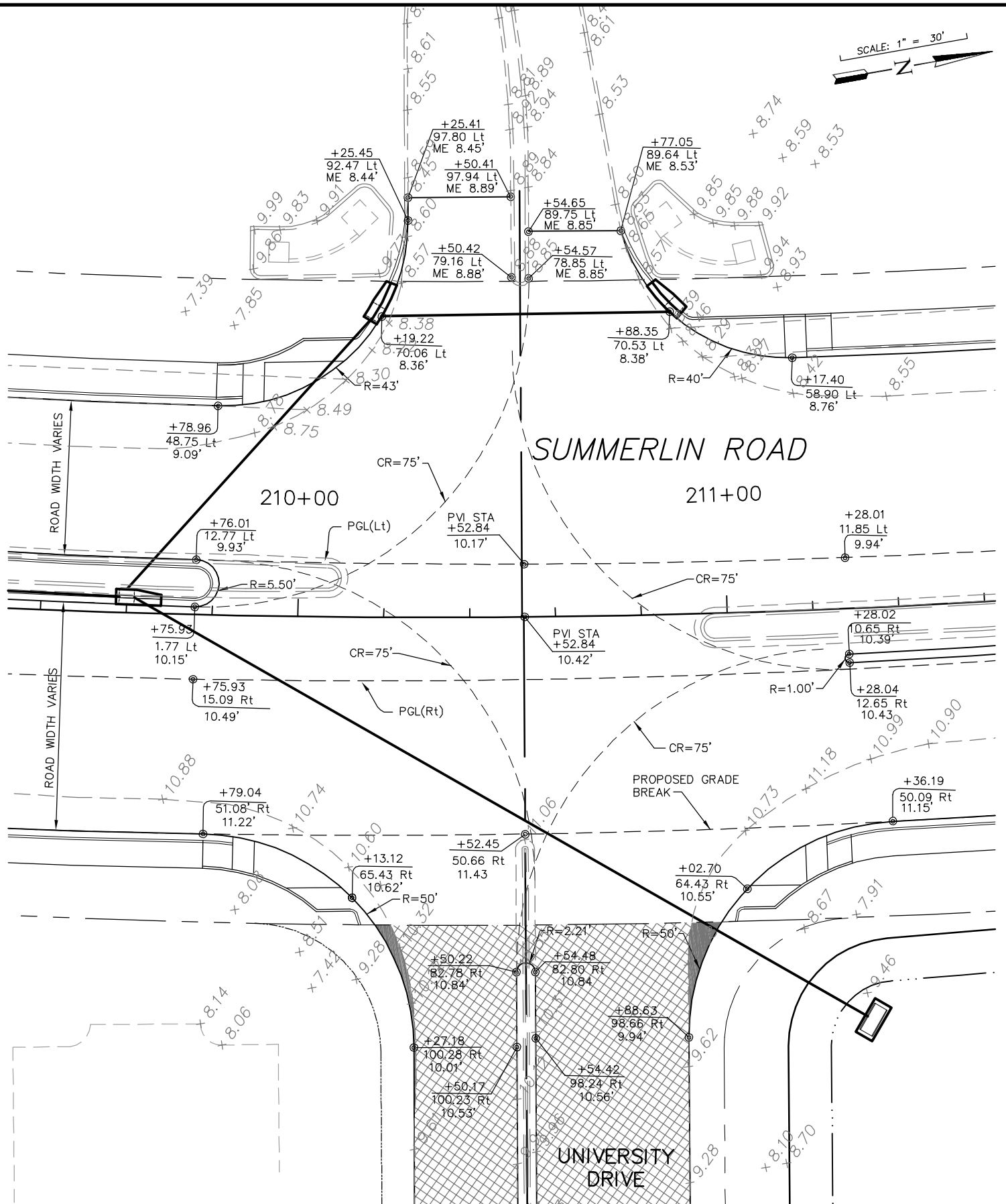
LEE COUNTY
DEPT. OF TRANSPORTATION

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BARBER &
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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 15'	ACAD DWG: 7508-INTERS
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: INTER-2	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 30'	
	VERT SCALE: N/A	

TITLE: **SUMMERLIN ROAD**
INTERSECTION LAYOUTS
ALBERTSON'S PLAZA

SHEET **45**
OF **147**
FILE NO. **7508**



SEE THIS SHEET FOR CONTINUATION

SEE THIS SHEET FOR CONTINUATION

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DEPT. OF TRANSPORTATION

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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111



DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: INTER-3
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 15'
VERT SCALE: N/A
11x17 PLOT
HORIZ SCALE: 1" = 30'
VERT SCALE: N/A


PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG.: 7508-INTERS



TITLE: **SUMMERLIN ROAD**
INTERSECTION LAYOUTS
UNIVERSITY DRIVE

SHEET **46**
OF **147**
FILE NO. **7508**


 1" MILL AND 1" OVERLAY WITH S-III ASPHALT
 6" ABC-3 AND 1" S-III ASPHALT OVERLAY

SCALE: 1" = 30'

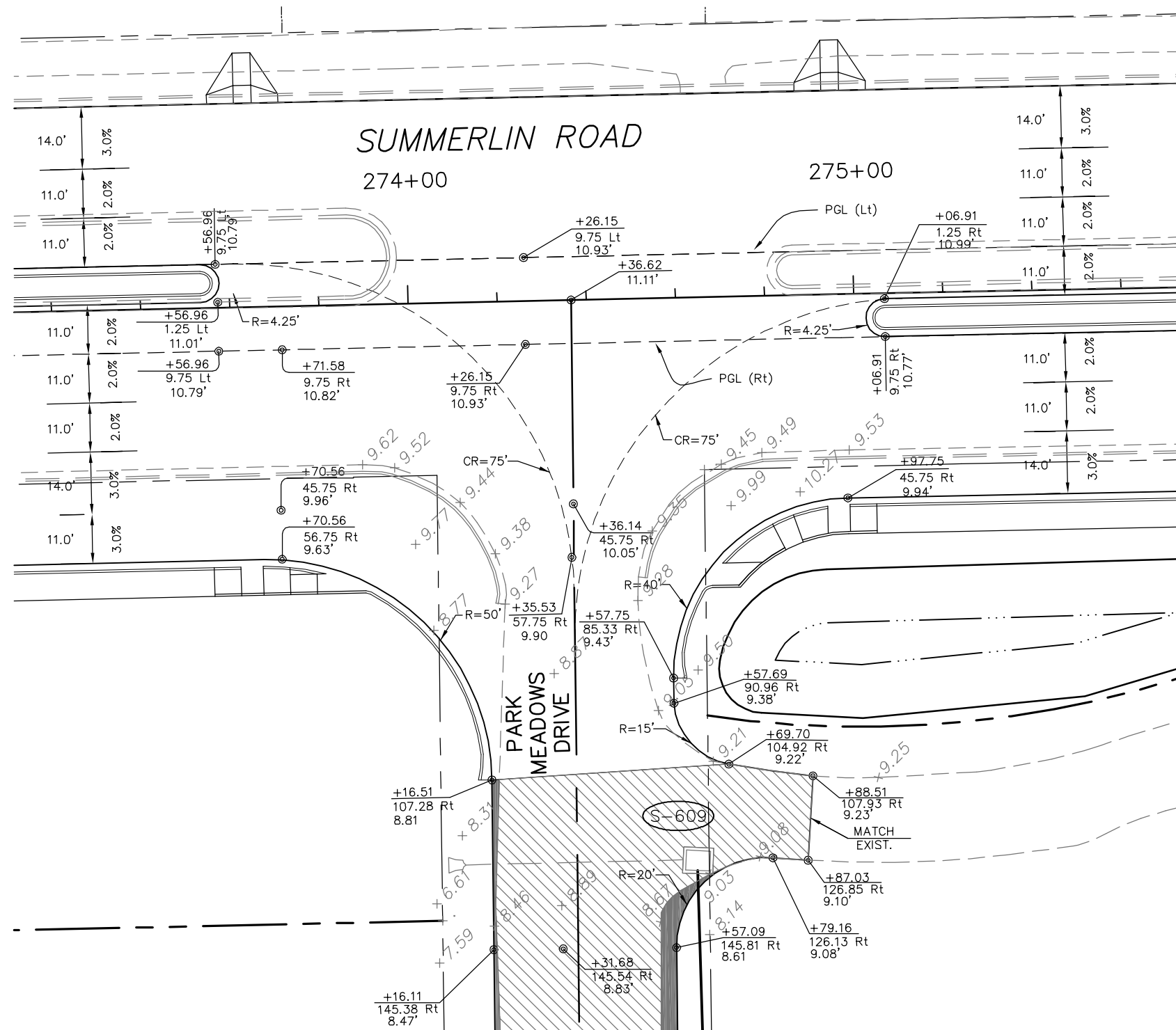


 1" MILL AND 1" OVERLAY WITH S-III ASPHALT
 6" ABC-3 AND 1" S-III ASPHALT OVERLAY

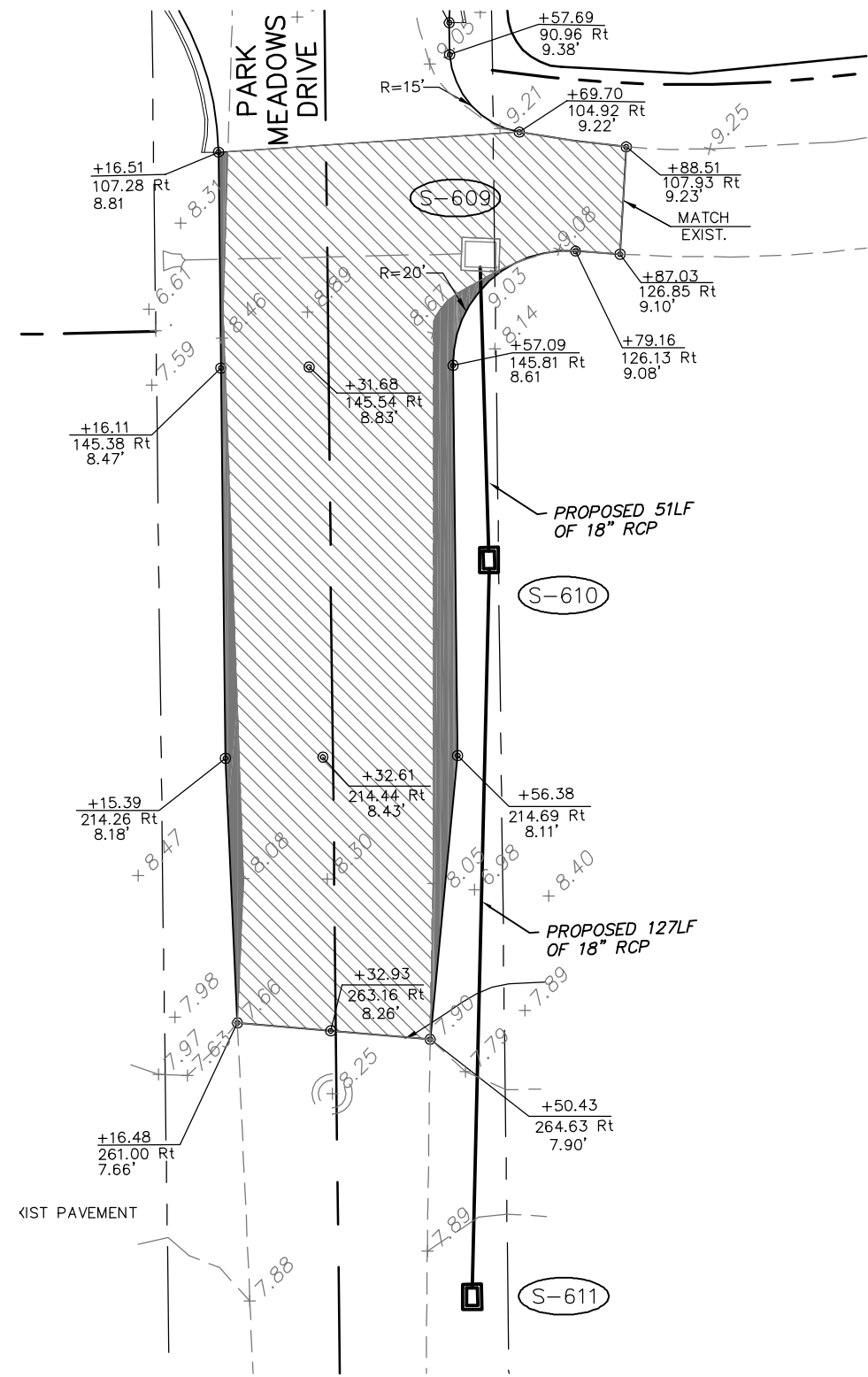
SCALE: 1" = 30'




SEE THIS SHEET FOR CONTINUATION

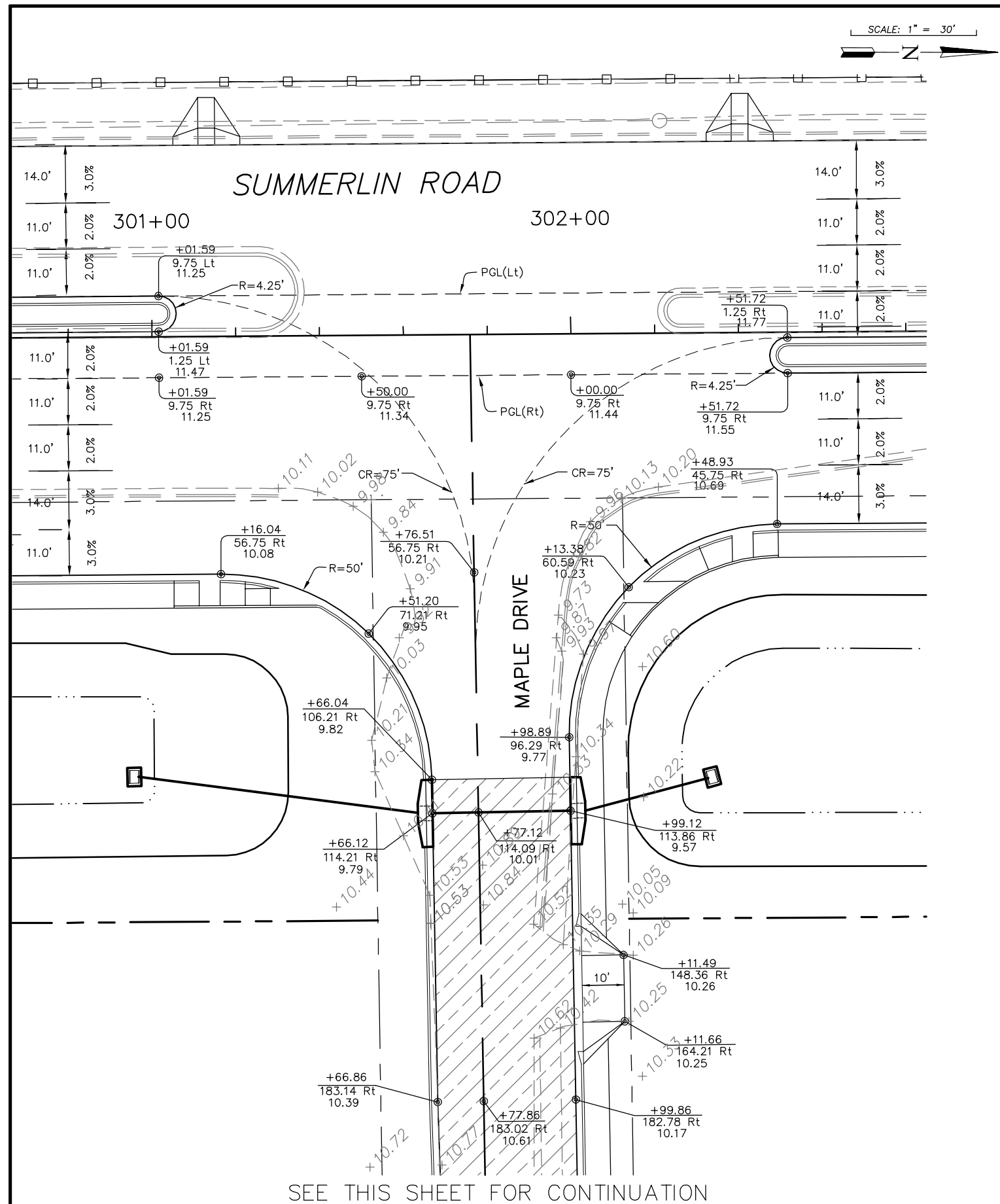


SEE THIS SHEET FOR CONTINUATION



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

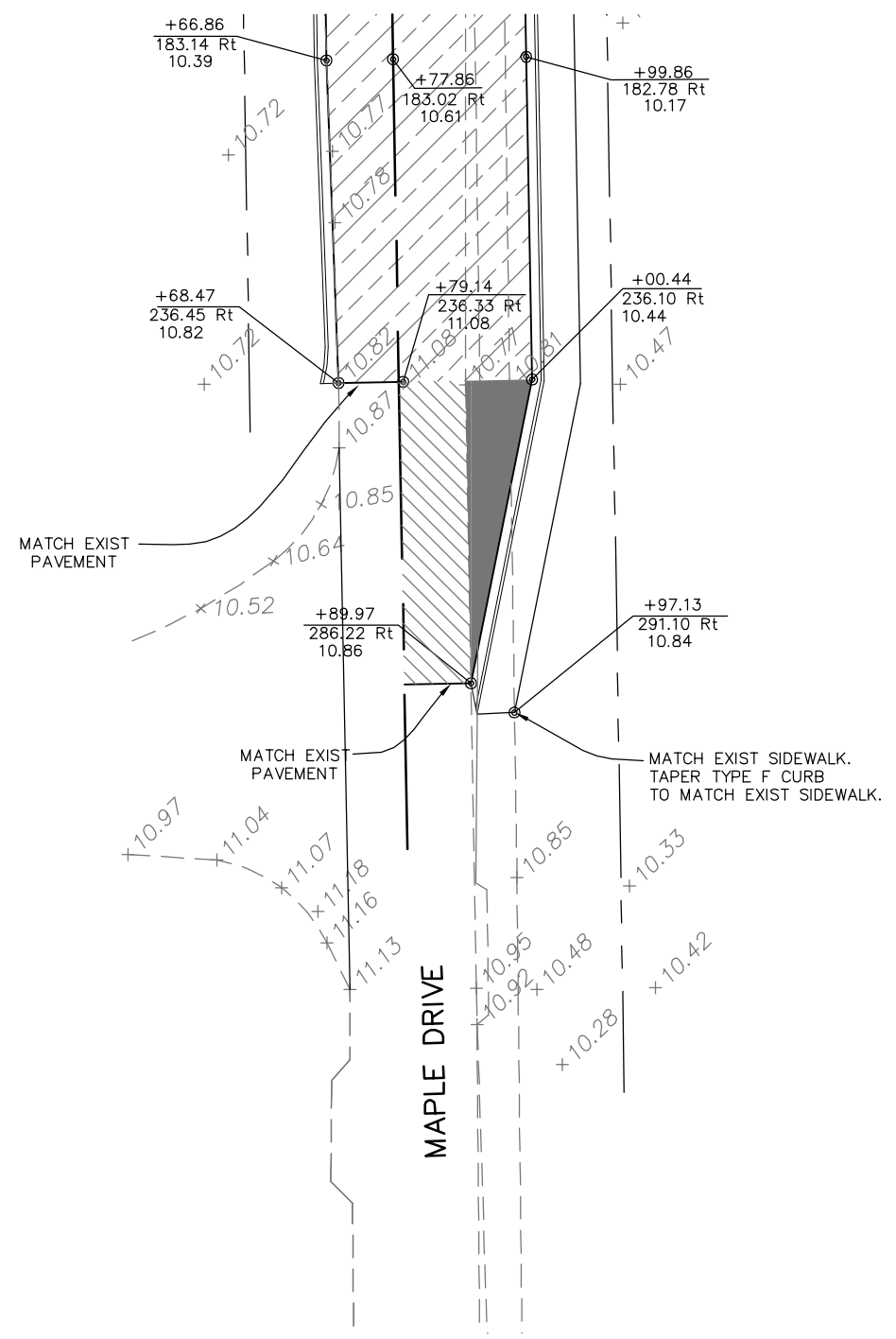
LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: INTER-4 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 15' VERT SCALE: N/A 11x17 PLOT HORIZ SCALE: 1" = 30' VERT SCALE: N/A	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-INTERS	TITLE: SUMMERLIN ROAD INTERSECTION LAYOUTS PARK MEADOWS DRIVE	SHEET 47 OF 147 FILE NO. 7508
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SCALE: 1" = 30'

- 1" MILL AND 1" OVERLAY WITH S-III ASPHALT
- 6" ABC-3 AND 1" S-III ASPHALT OVERLAY
- NEW CONSTRUCTION MAPLE DRIVE
ASPHALTIC CONCRETE COURSE TYPE S-III, 1" THICK
ASPHALTIC CONCRETE COURSE TYPE S-I, 1 1/2" THICK
LIMEROCK BASE, 8" THICK (PRIMED)
TYPE B STABILIZATION, LBR 40 (12")

SEE THIS SHEET FOR CONTINUATION



SCALE: 1" = 30'

SEE THIS SHEET FOR CONTINUATION

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

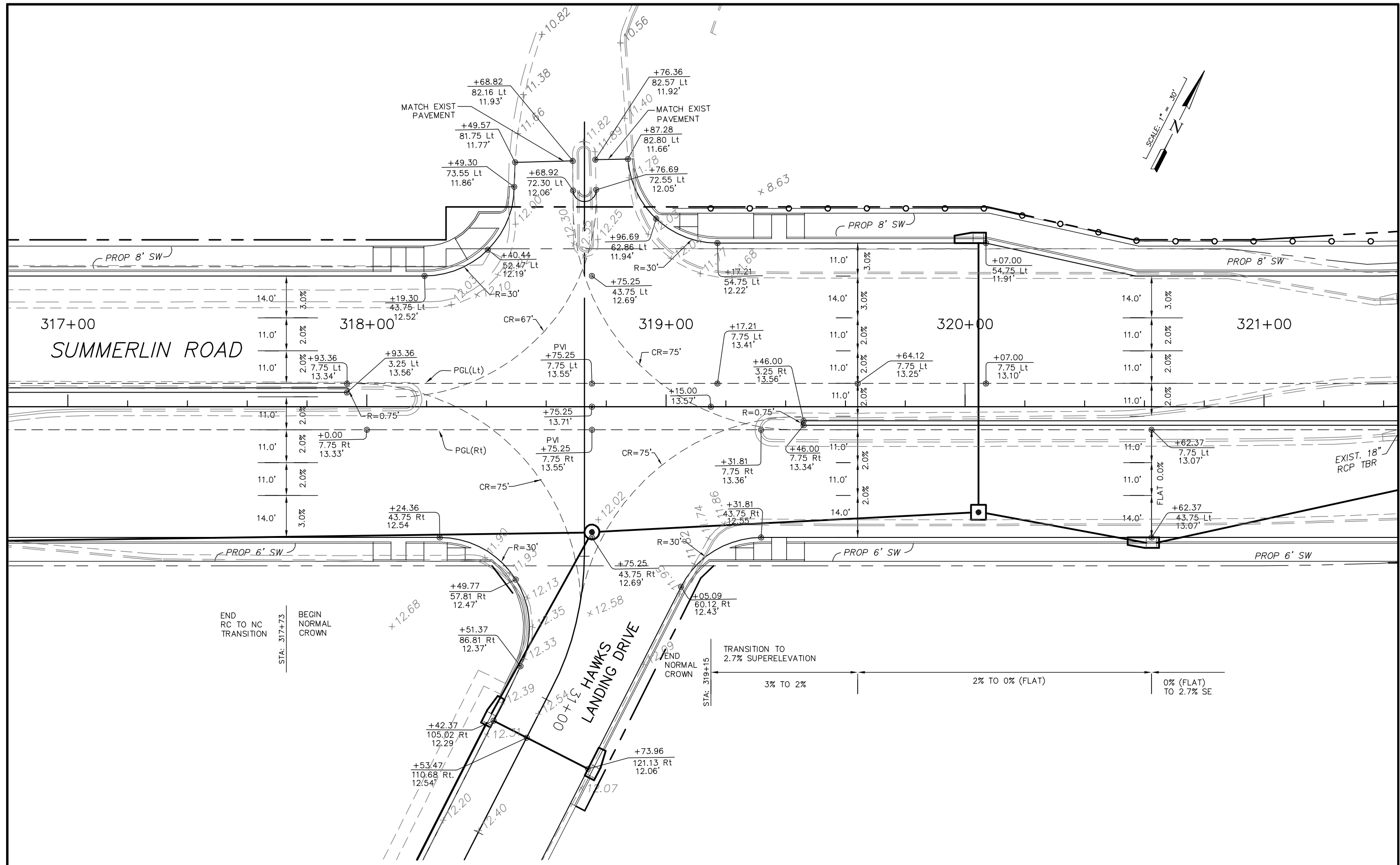
LEE COUNTY
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BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 15'	ACAD DWG: 7508-INTERS
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: INTER-5	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 30'	
	VERT SCALE: N/A	

TITLE: **SUMMERLIN ROAD**
INTERSECTION LAYOUTS
MAPLE DRIVE

SHEET **48**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

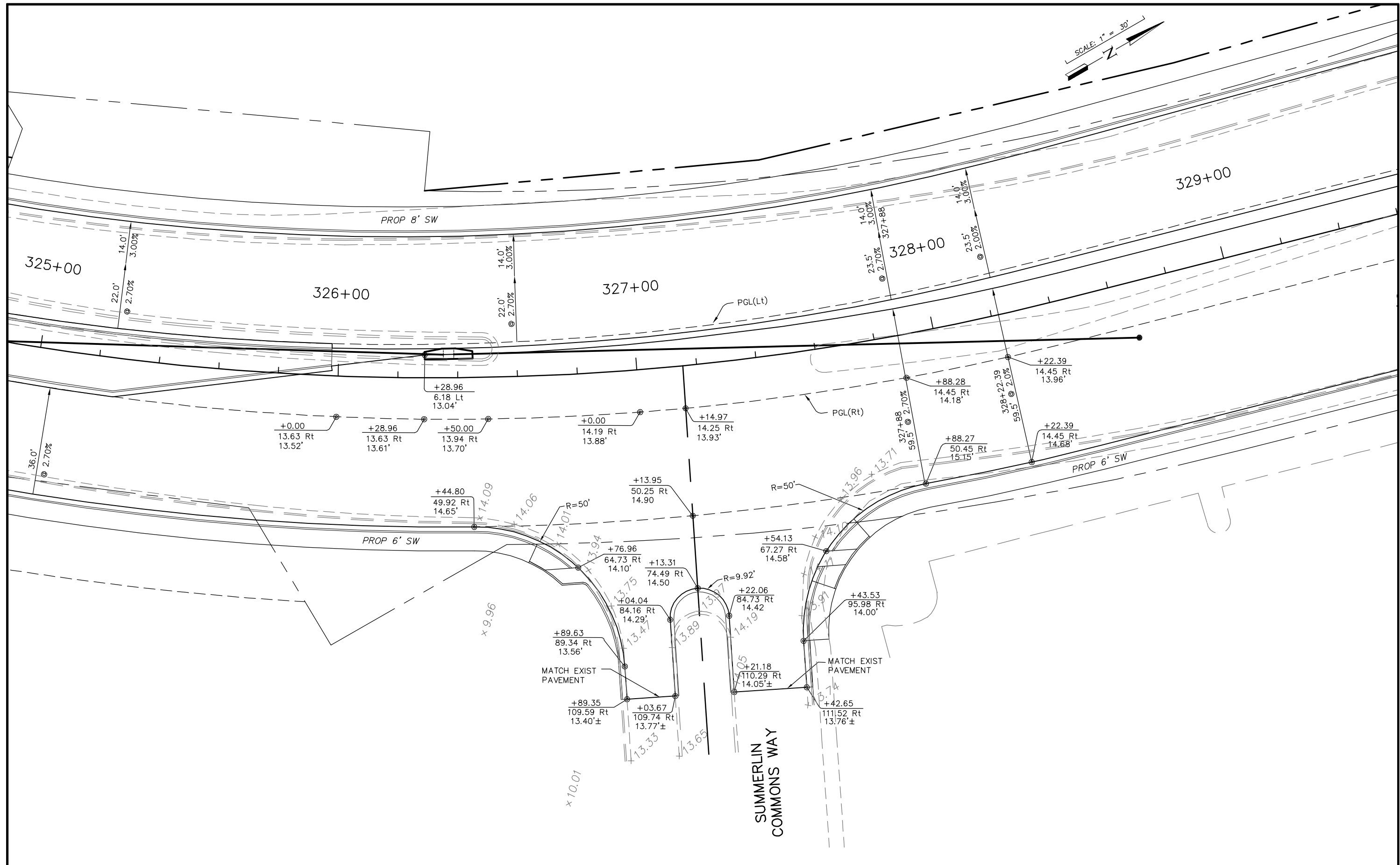
**LEE COUNTY
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**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 15'	ACAD DWG: 7508-INTERS
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: INTER-6	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 30'	
	VERT SCALE: N/A	

TITLE: **SUMMERLIN ROAD
INTERSECTION LAYOUTS
SUMMERLIN MEDICAL PARK**

SHEET **49**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

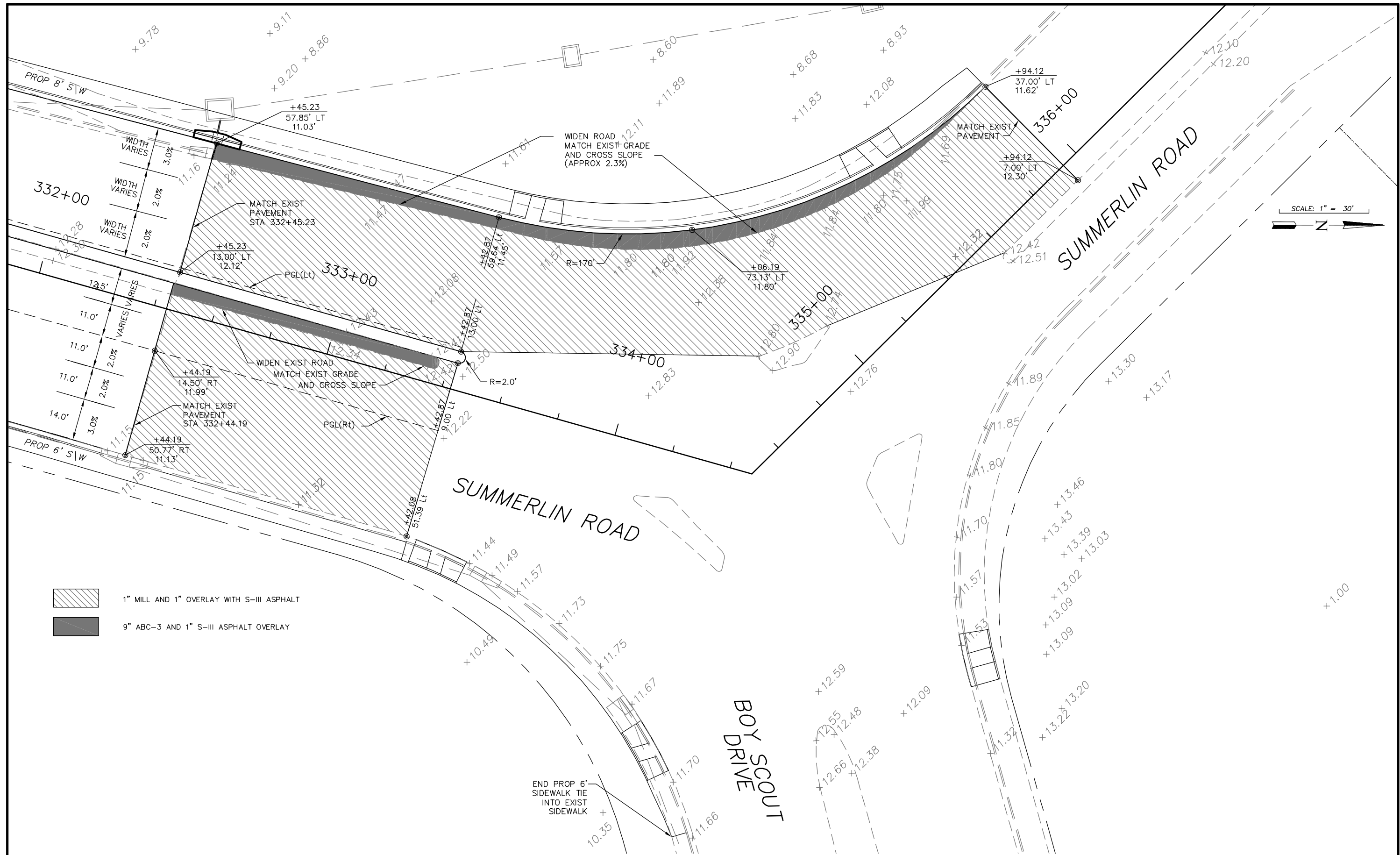
**LEE COUNTY
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**AGNOLI
BARBER &
BRUNDAGE, INC.**
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 15'	ACAD DWG: 7508-INTERS
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: INTER-7	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 30'	
	VERT SCALE: N/A	

TITLE: **SUMMERLIN ROAD
INTERSECTION LAYOUTS
SUMMERLIN COMMONS WAY**

SHEET **50**
OF **147**
FILE NO. **7508**



SCALE: 1" = 30'

- 1" MILL AND 1" OVERLAY WITH S-III ASPHALT
- 9" ABC-3 AND 1" S-III ASPHALT OVERLAY

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

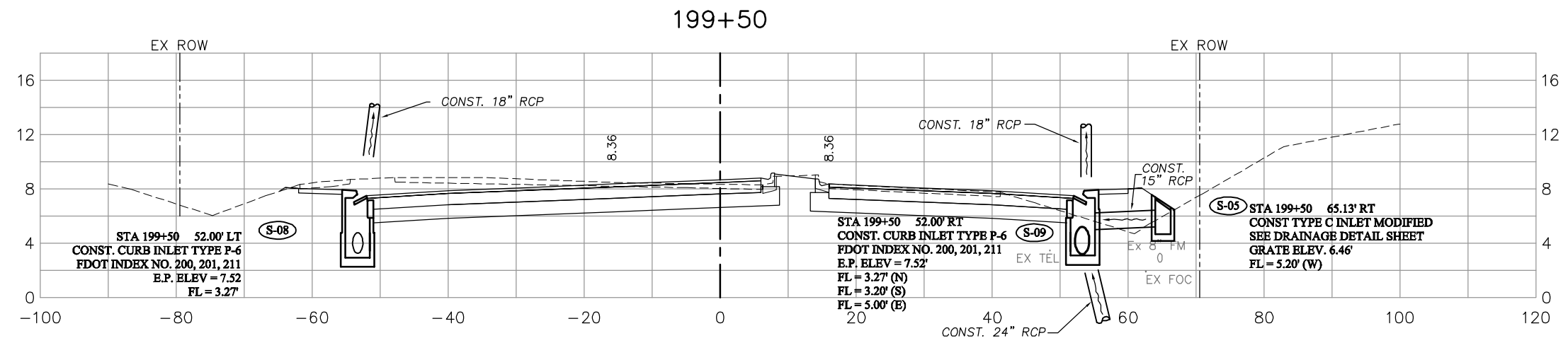
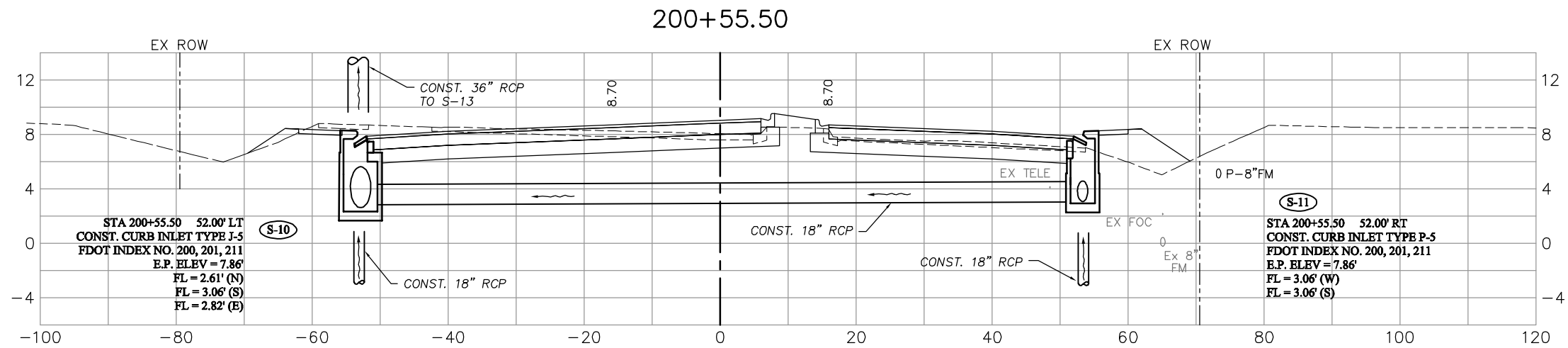
**LEE COUNTY
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BRUNDAGE, INC.**
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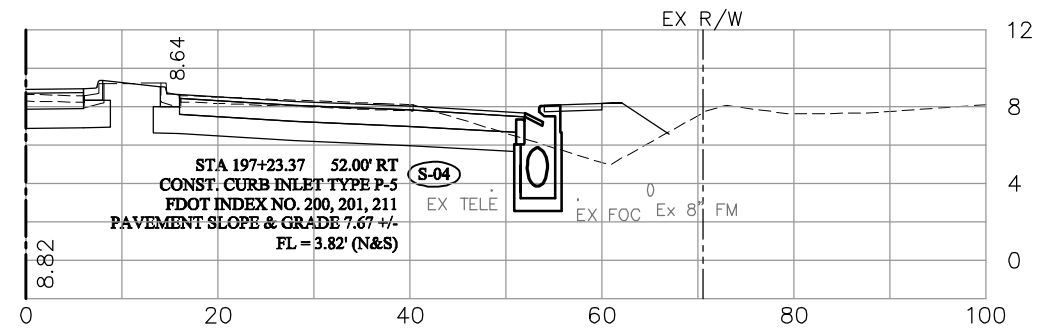
DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 15'	ACAD DWG: 7508-INTERS
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: INTER-8	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 30'	
	VERT SCALE: N/A	

TITLE: **SUMMERLIN ROAD
INTERSECTION LAYOUTS
BOY SCOUT DRIVE**

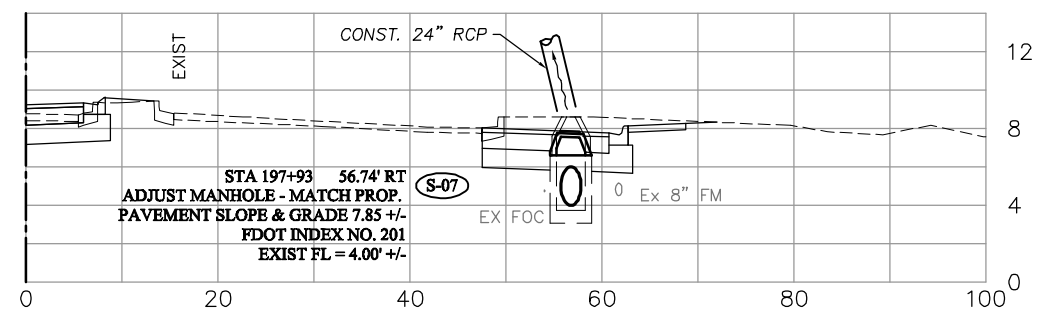
SHEET **51**
OF **147**
FILE NO. **7508**



198+23.37

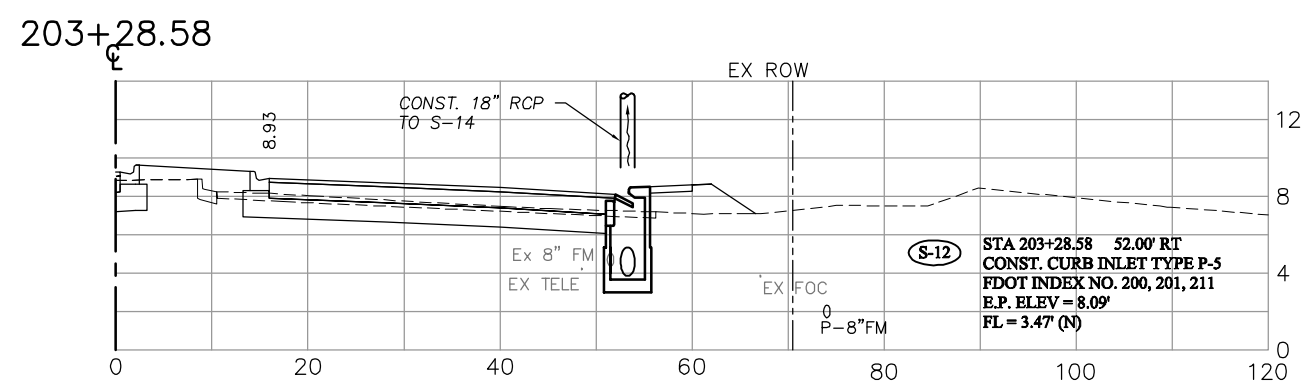
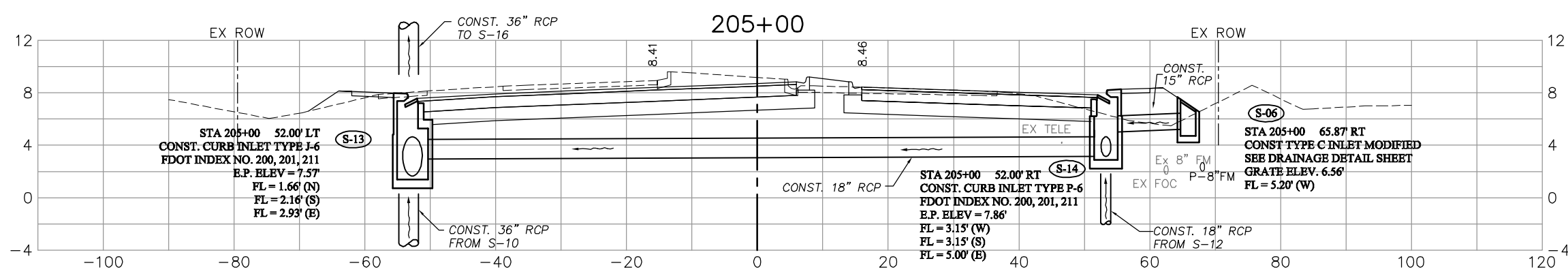
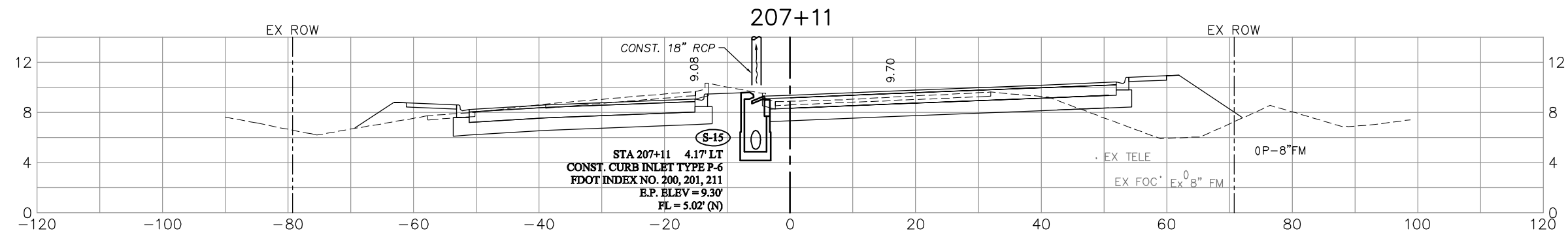
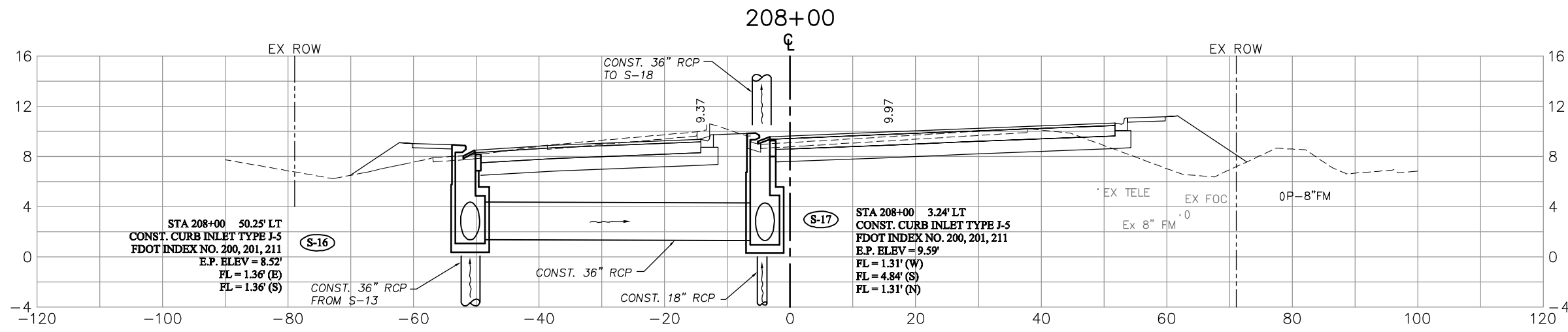


197+93



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

<p>LEE COUNTY DEPT. OF TRANSPORTATION</p>		<p>DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-1 CTB NAME: 8000-ROAD</p>	<p>DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'</p>	<p>PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR</p>	<p>TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 197+93 TO 203+40.66</p>	<p>SHEET 52 OF 147 FILE NO. 7508</p>
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NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-2
CTB NAME: 8000-ROAD

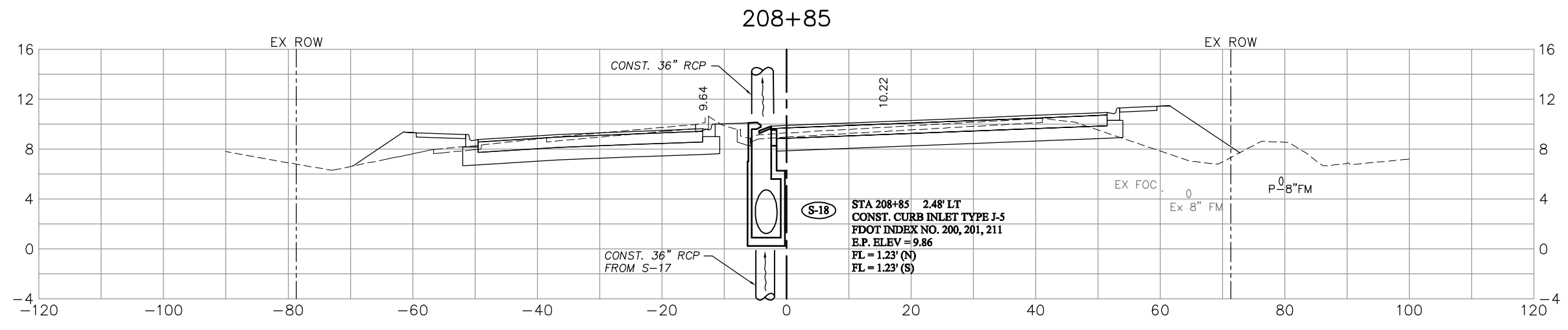
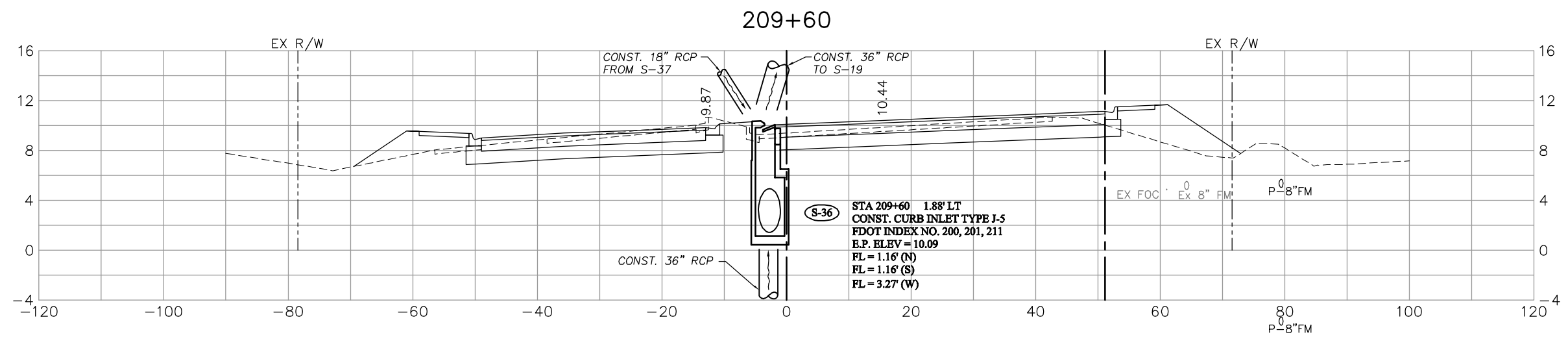
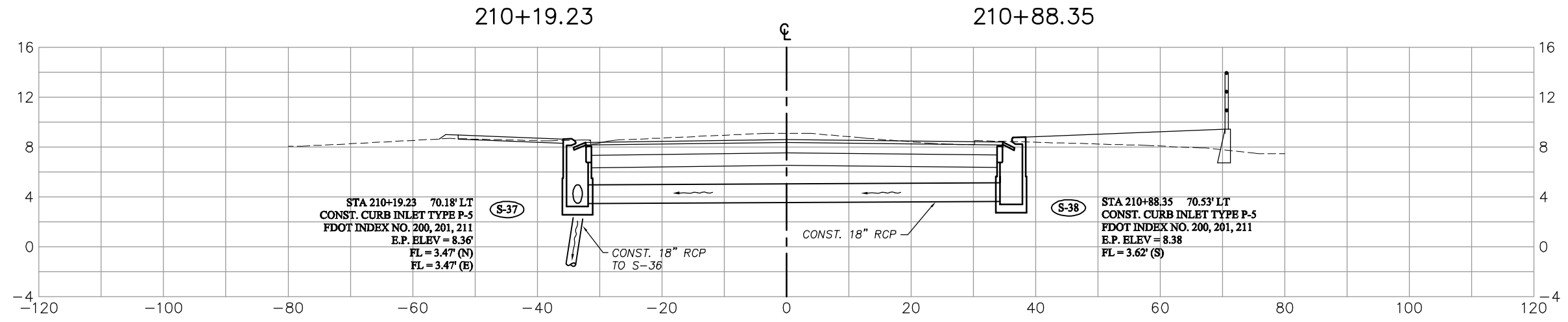
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNSTR

TITLE: **SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 205+00 TO 208+00**

SHEET **53**
OF **147**
FILE NO. 7508

CROSS SECTION CUT AT STA 9+29.40 – UNIVERSITY BLVD.



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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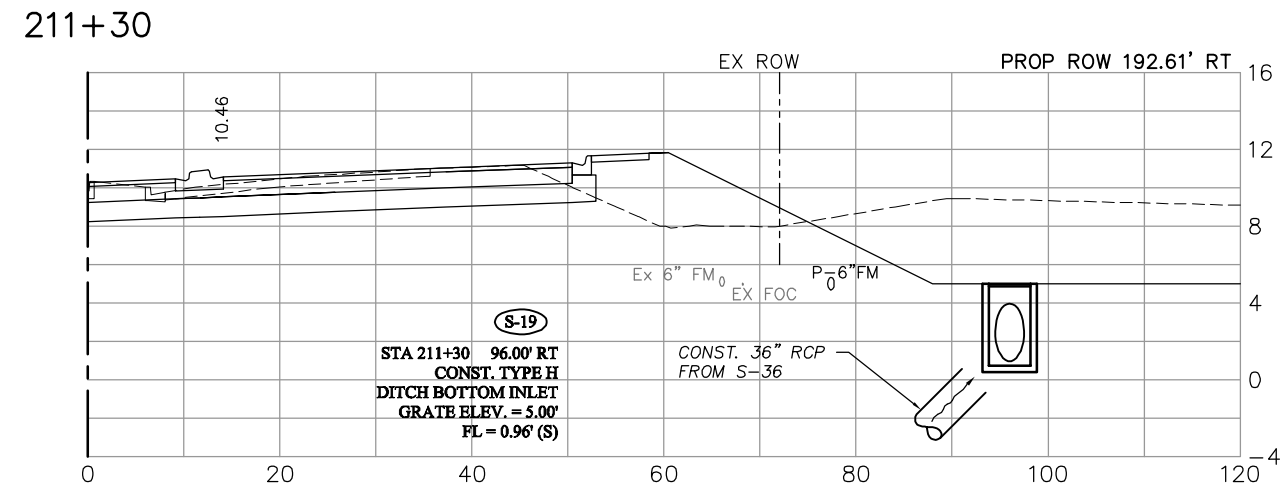
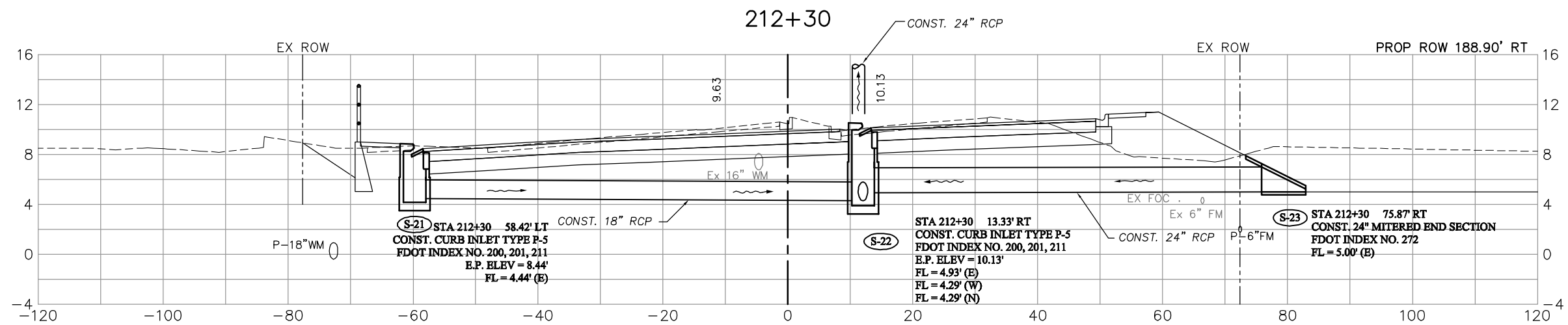
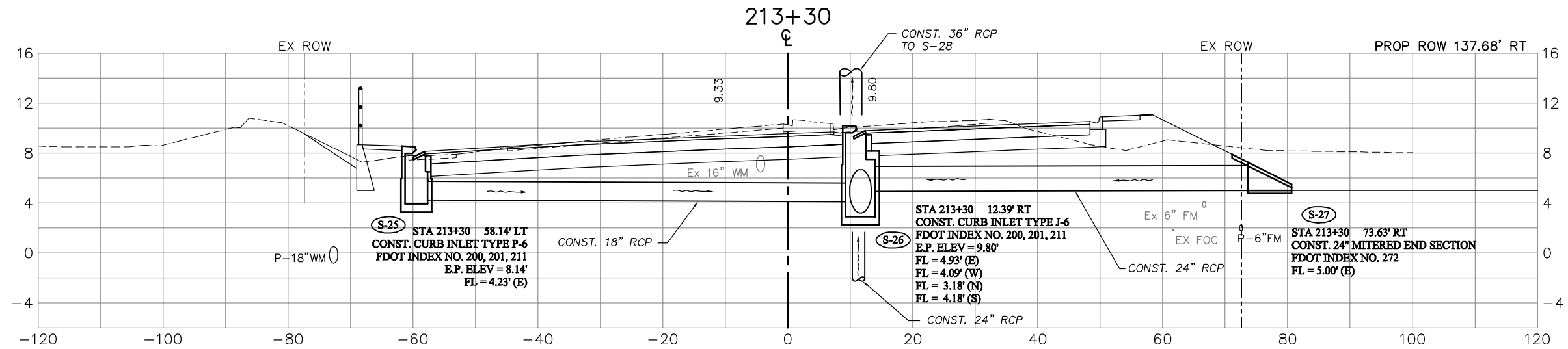
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-3
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNSTR

TITLE: **SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 208+85 TO 210+88.35**

SHEET **54**
OF **147**
FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-4
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

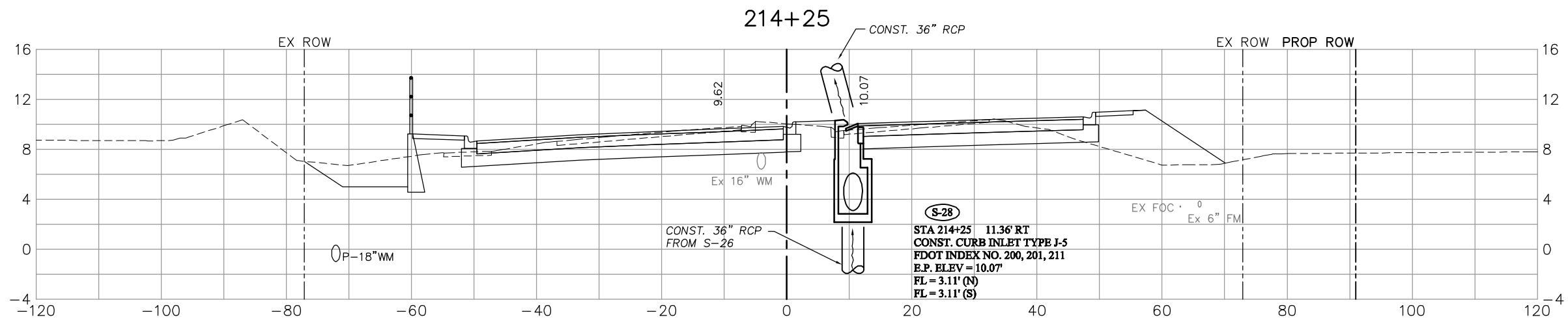
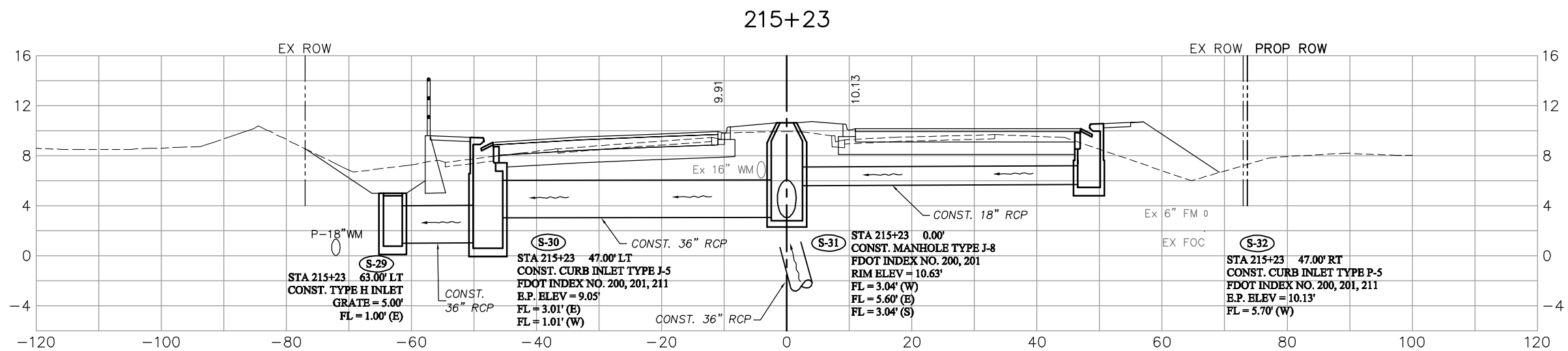
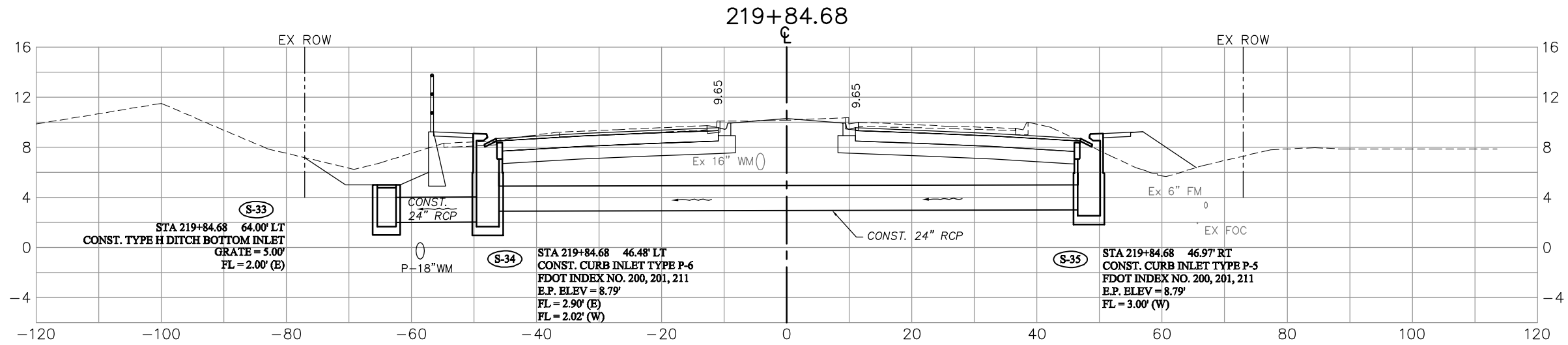
PLAN STAGE
100%

ABB PROJECT NO.
7993

ACAD DWG:
7508-DRNSTR

TITLE:
**SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 211+30 TO 213+30**

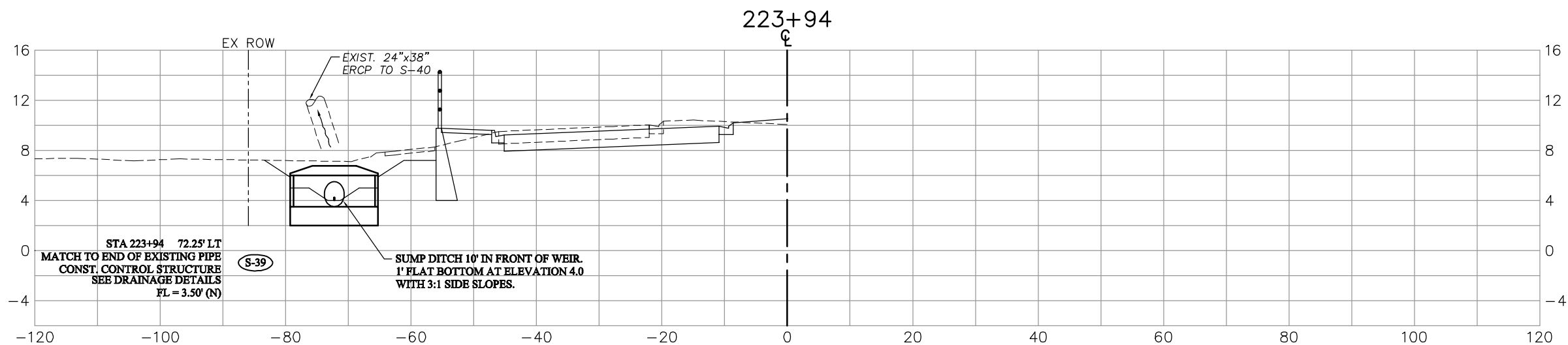
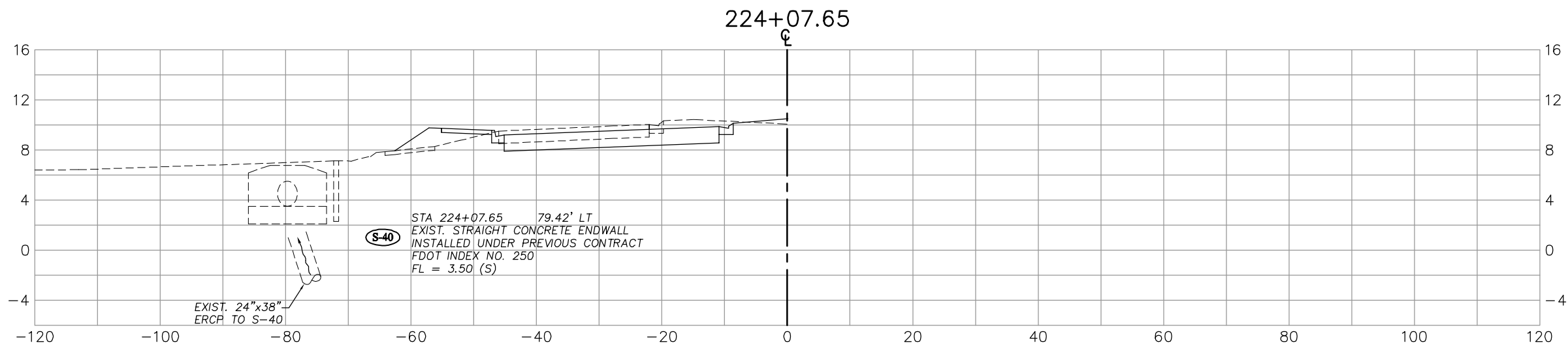
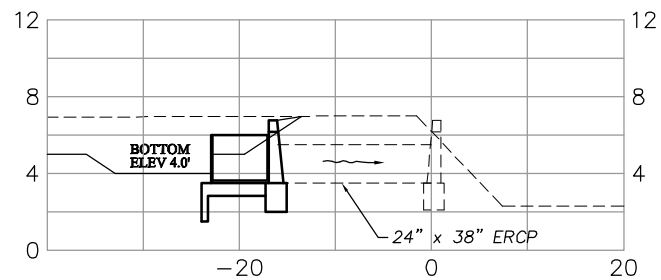
SHEET **55**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-5 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 214+25 TO 219+84.68	SHEET 56 OF 147 FILE NO. 7508
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SIDE VIEW
S-39 & S-40



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

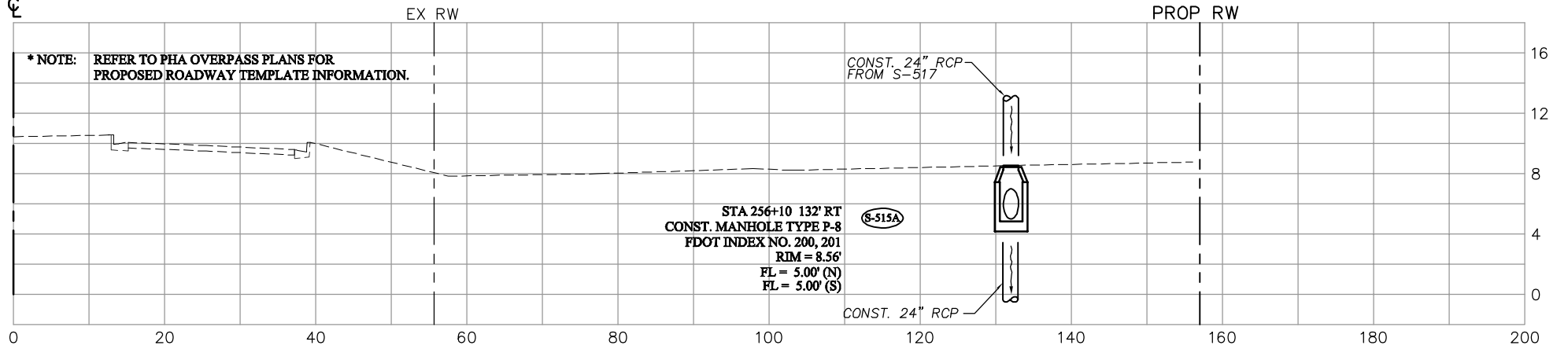
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
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DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-DRNSTR
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: DRN-5	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
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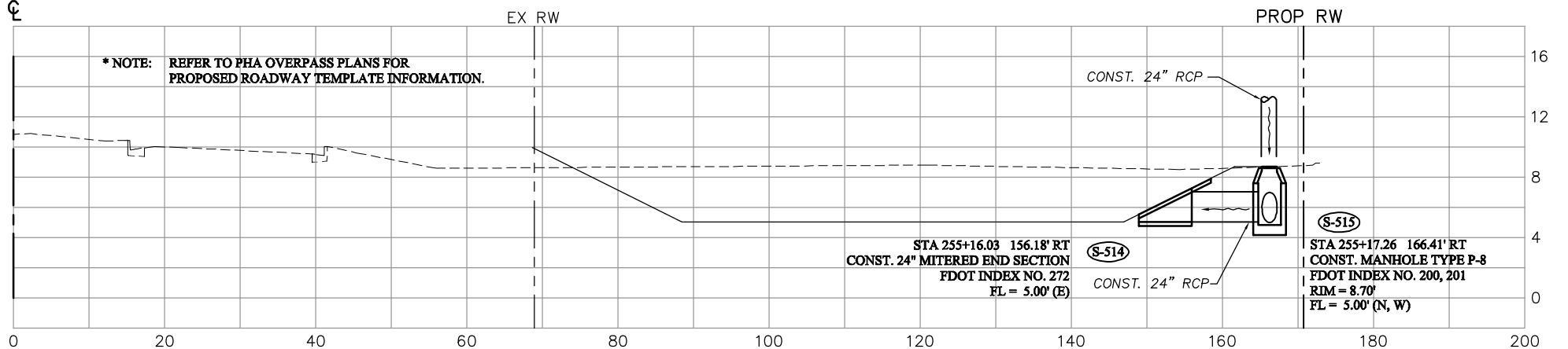
TITLE:
**SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 223+92 TO 224+07.65**

SHEET 57
OF 147
FILE NO. 7508

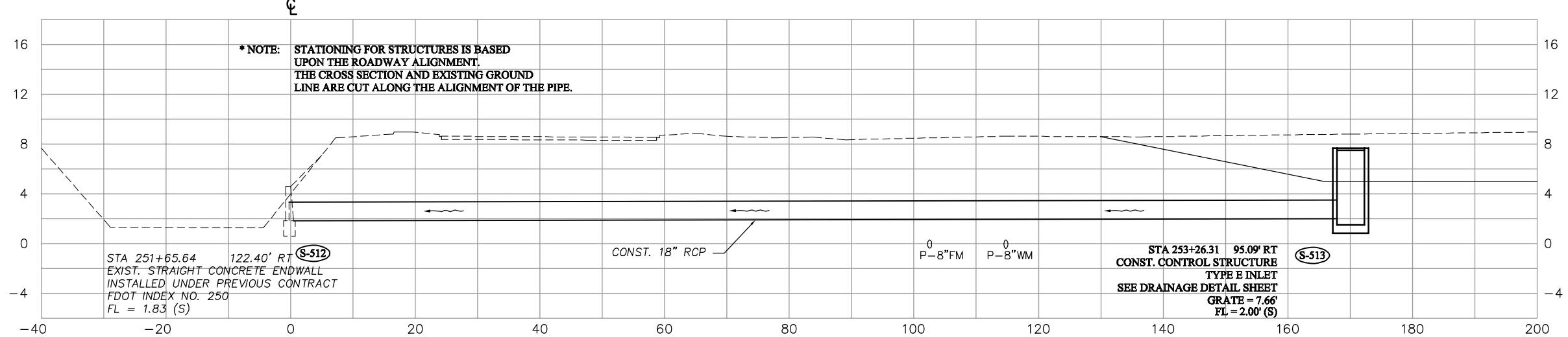
256+10



255+17.26

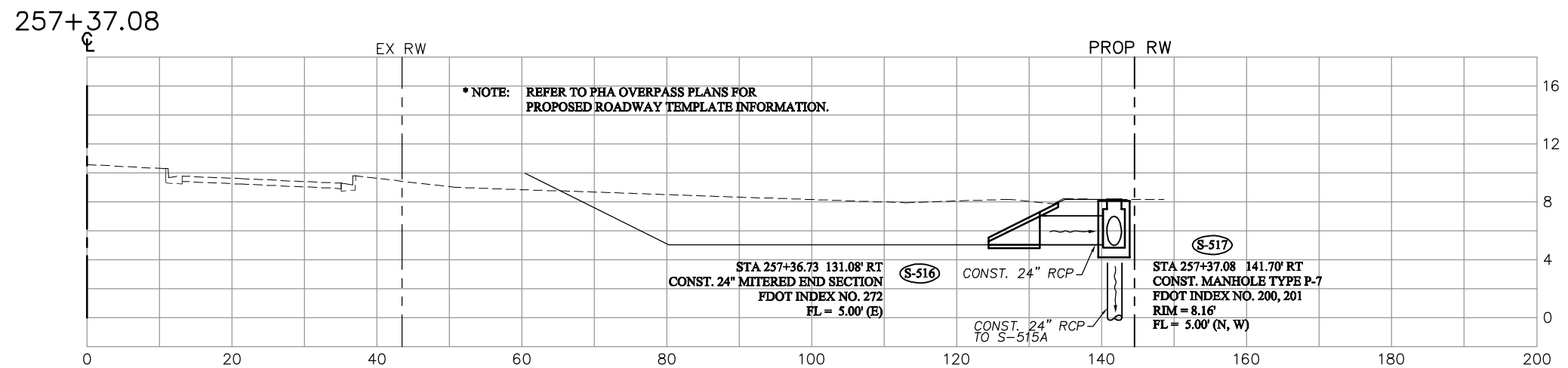
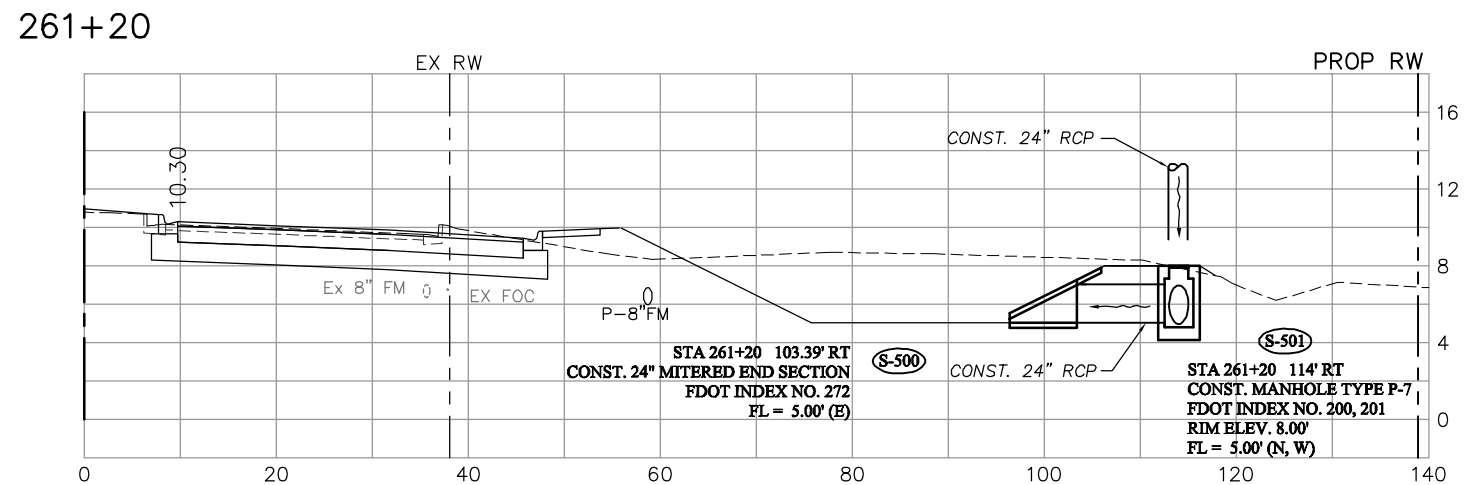
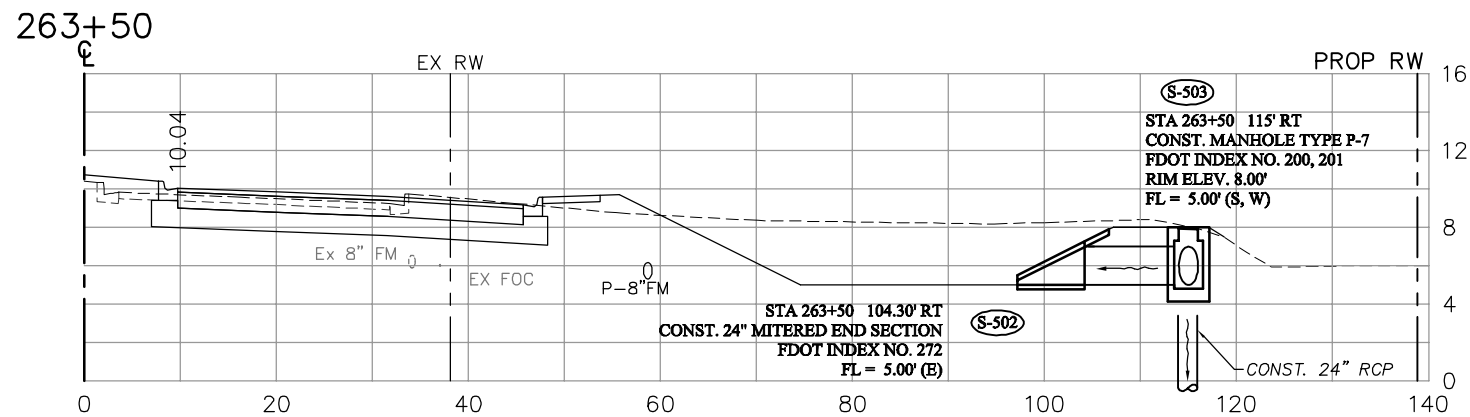


253+26.31



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-6 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 253+26.31 TO 256.10	SHEET 58 OF 147 FILE NO. 7508
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NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-7
CTB NAME: 8000-ROAD

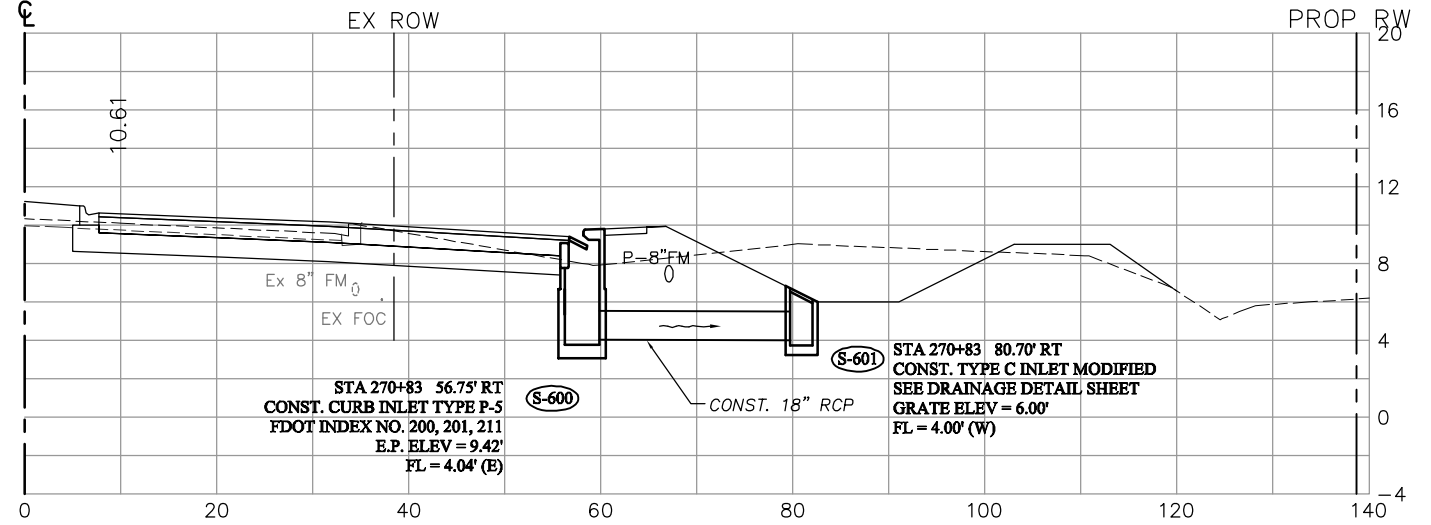
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%
ABB PROJECT NO.
7993
ACAD DWG:
7508-DRNSTR

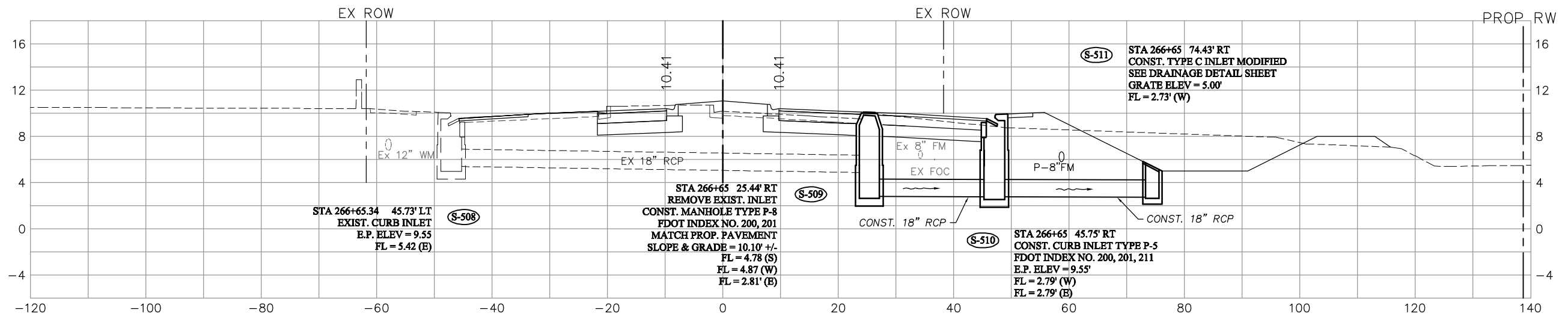
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SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 257+37.08 TO 263.50

SHEET **59**
OF **147**
FILE NO. 7508

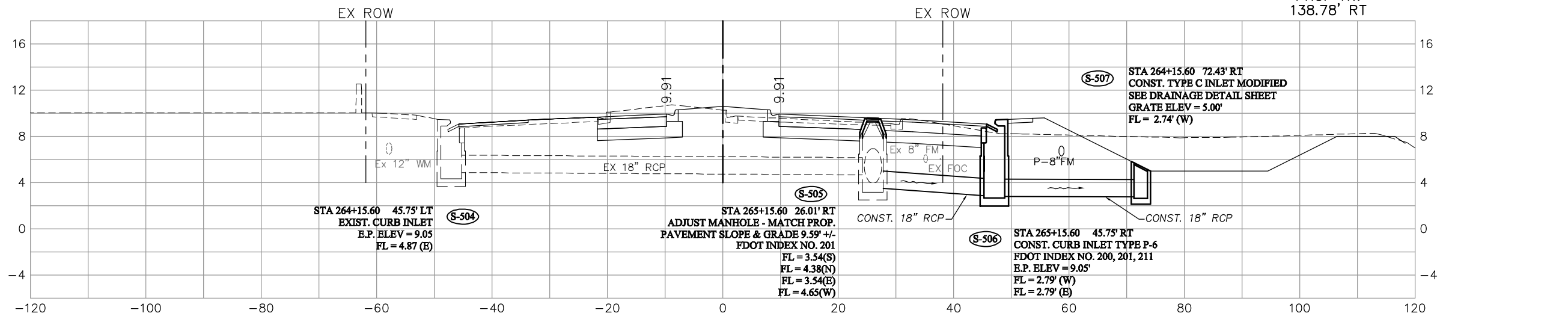
270+83



266+65



264+15.60



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-8
CTB NAME: 8000-ROAD

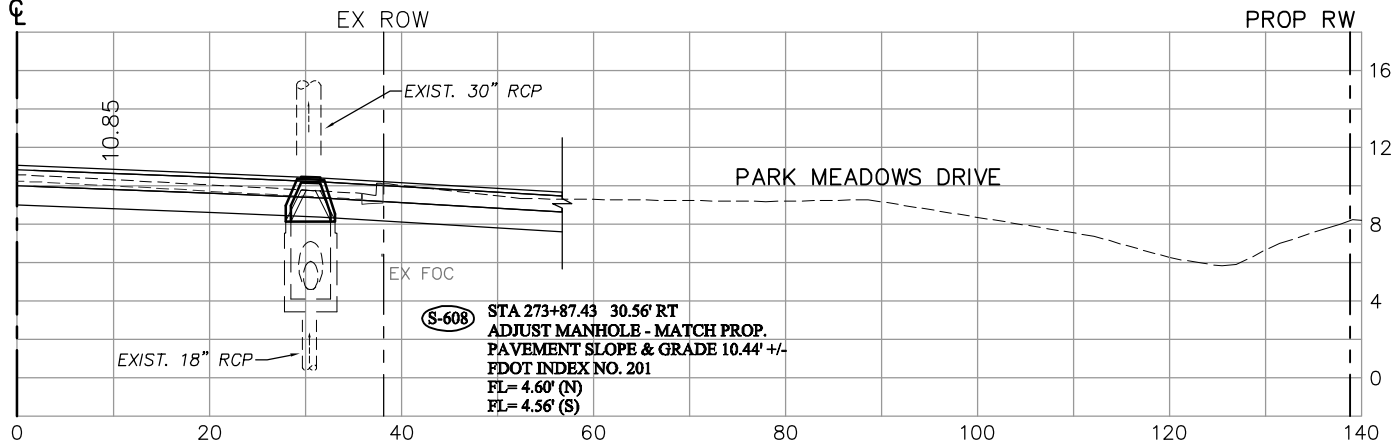
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNSTR

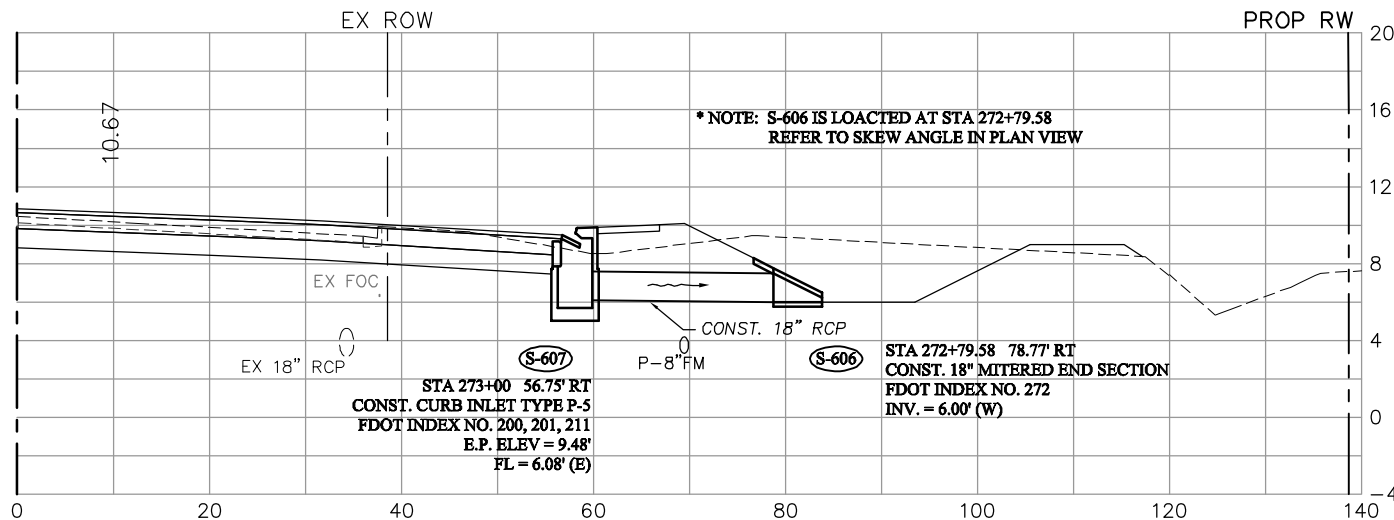
TITLE: **SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 264+15.60 TO 270+83**

SHEET **60**
OF **147**
FILE NO. 7508

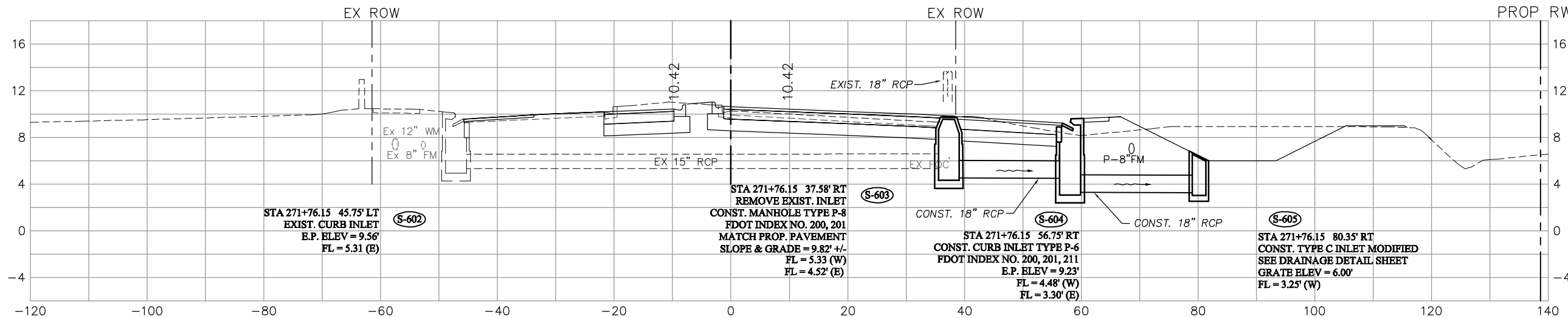
273+87.43



273+00



271+76.15



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-9
CTB NAME: 8000-ROAD

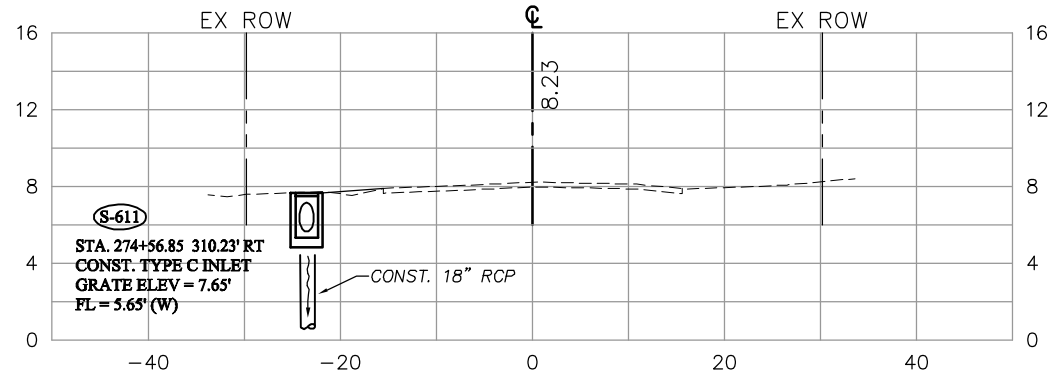
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%
ABB PROJECT NO.
7993
ACAD DWG:
7508-DRNSTR

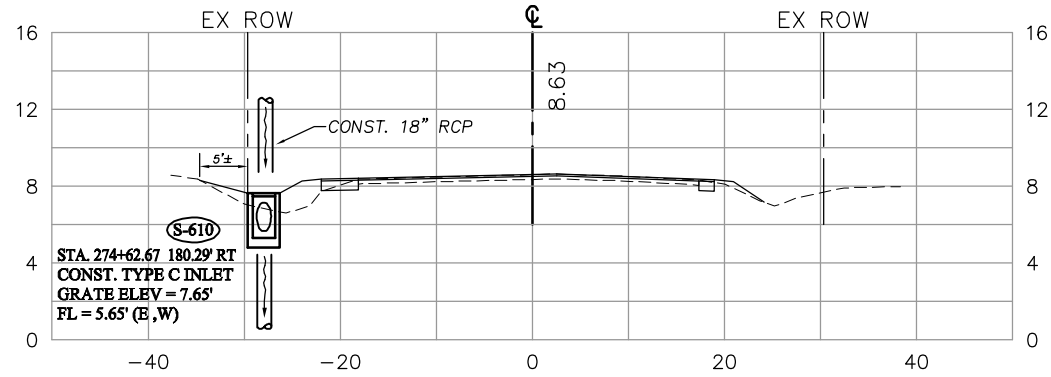
TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 271+76.15 TO 273+87.43

SHEET **61**
OF **147**
FILE NO. 7508

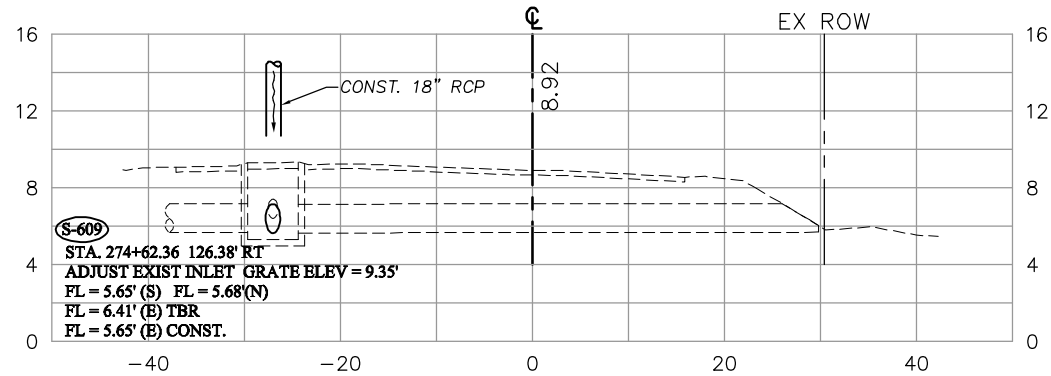
PARK MEADOWS DRIVE
13+10



PARK MEADOWS DRIVE
11+80.29



PARK MEADOWS DRIVE
11+26.10



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

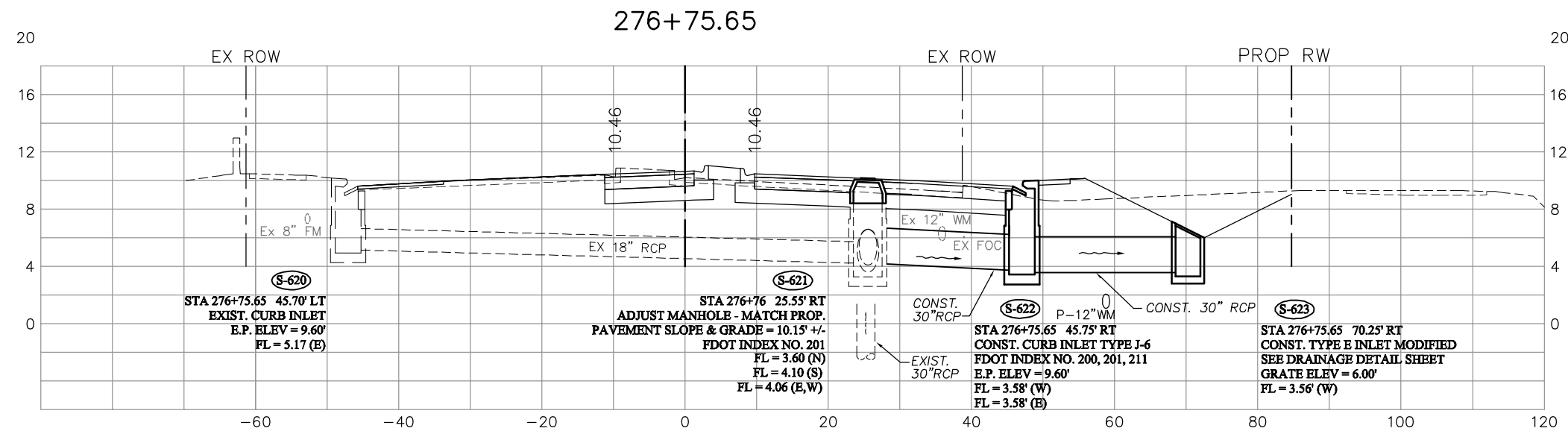
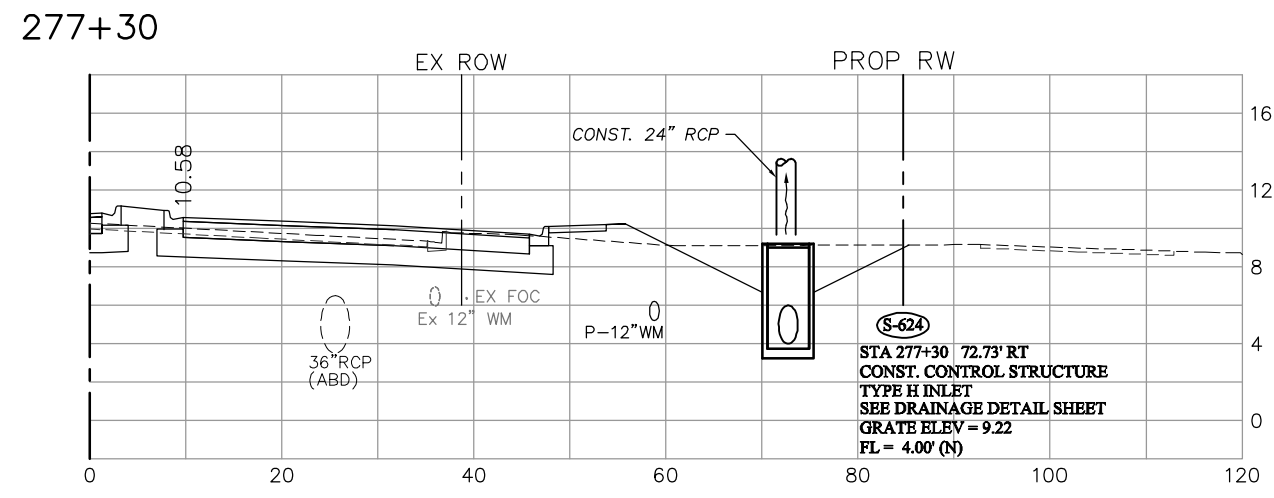
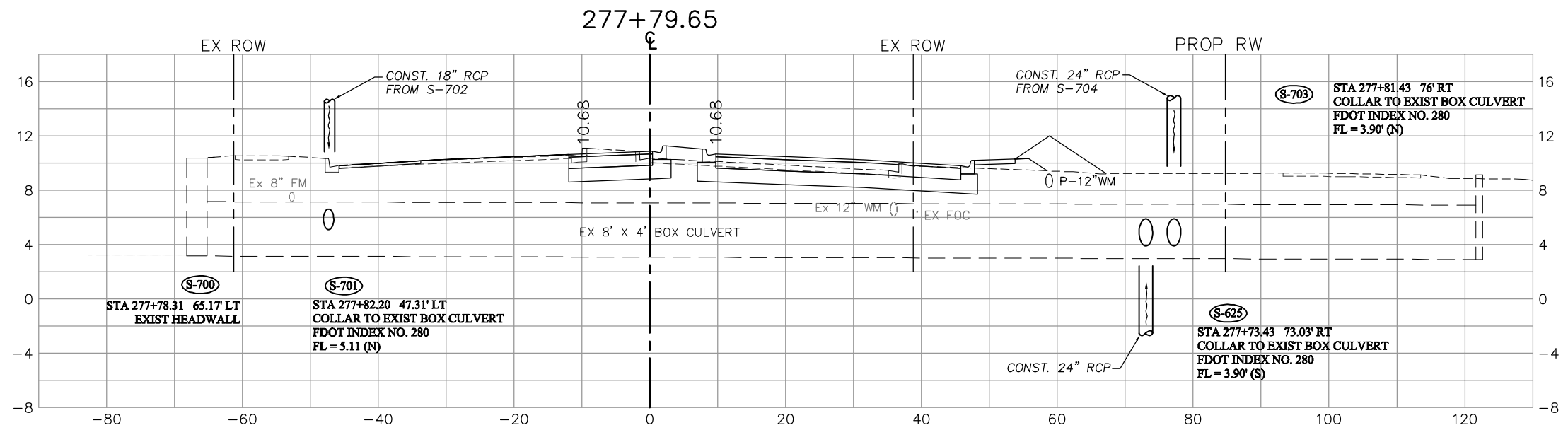
LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-DRNSTR
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: DRN-9	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

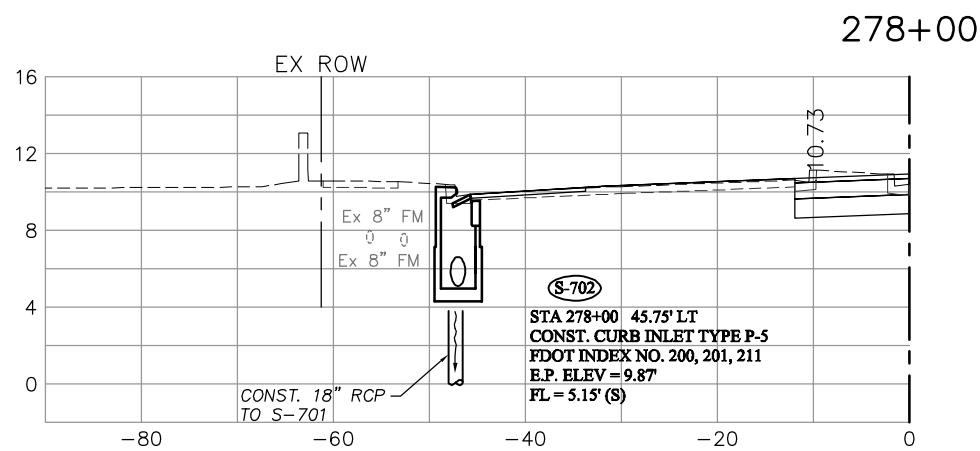
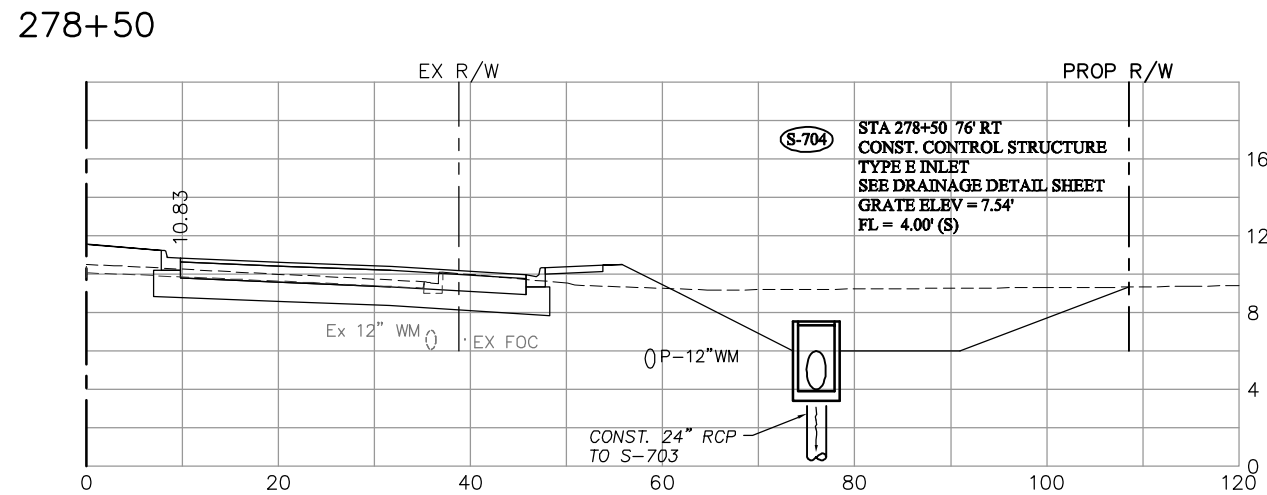
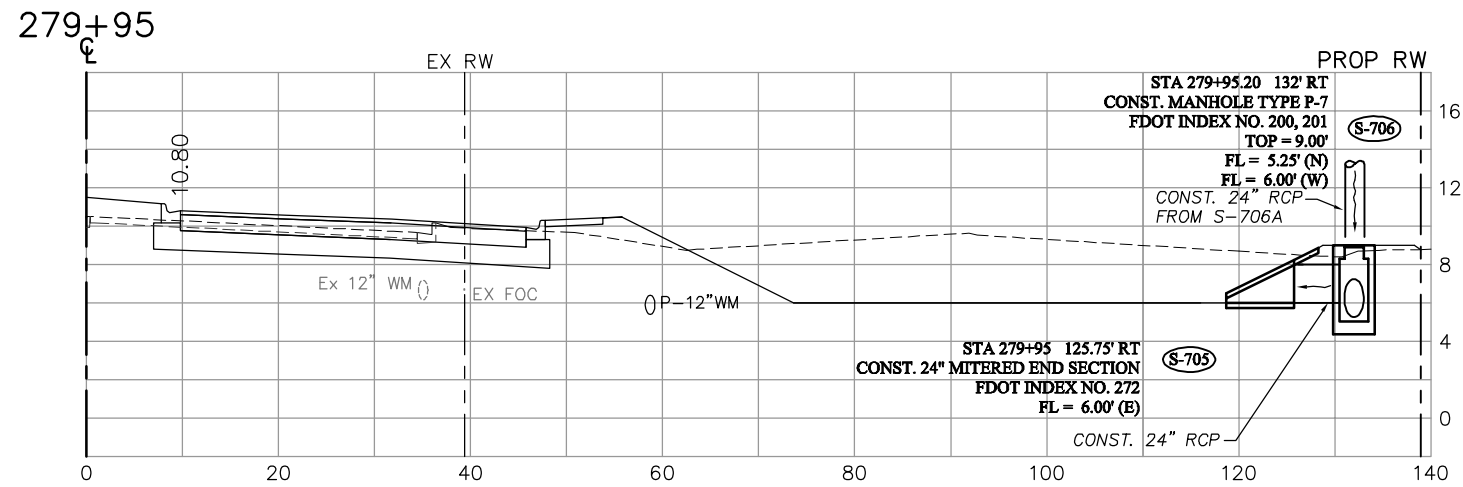
TITLE:
**SUMMERLIN ROAD
DRAINAGE STRUCTURES
PARK MEADOWS DRIVE**

SHEET **62**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

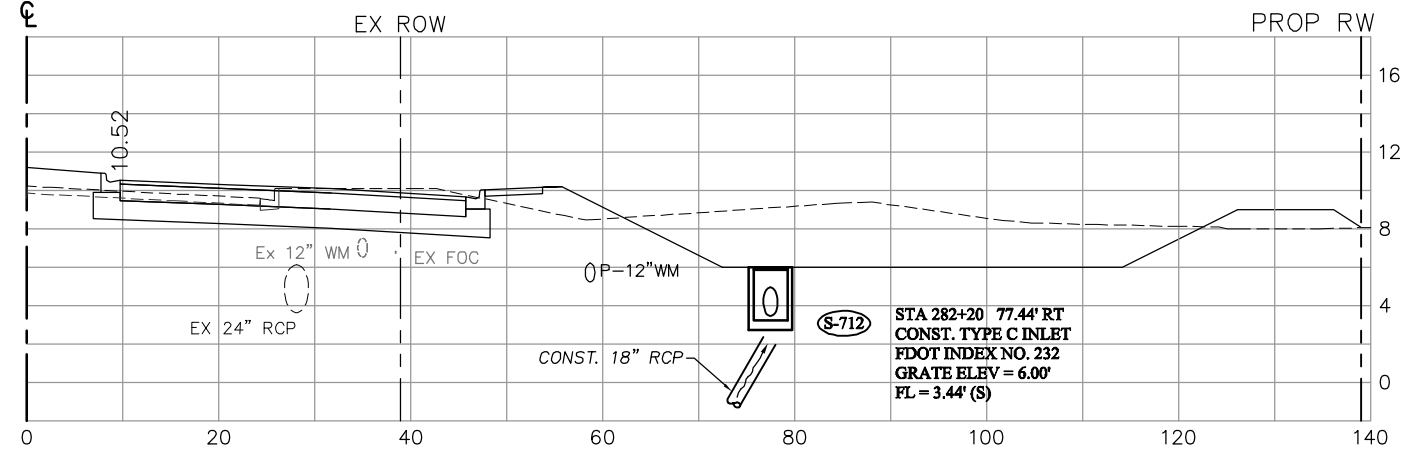
LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County - Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-10 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 276+75.65 TO 277+79.65	SHEET 63 OF 147 FILE NO. 7508
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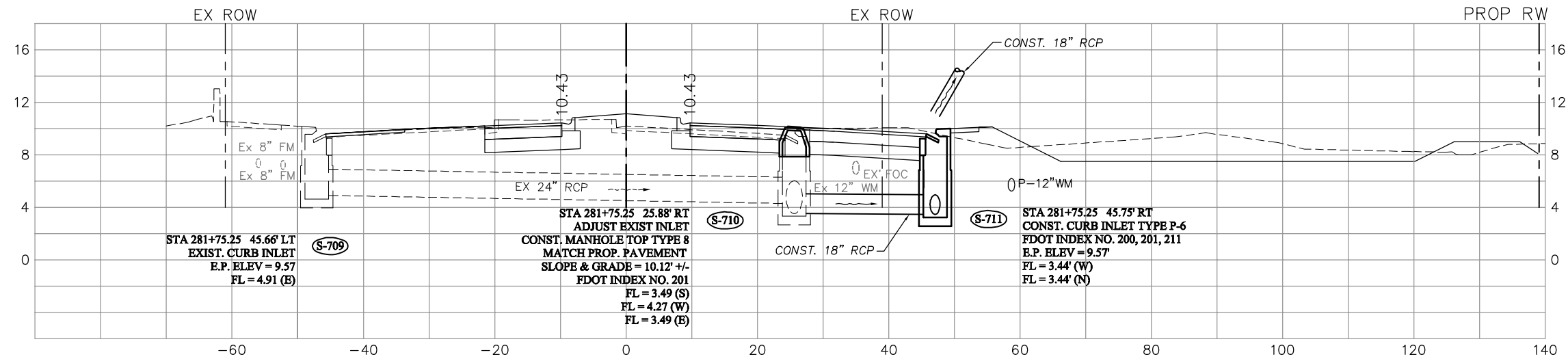
NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-11 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 278+00 TO 279+95	SHEET 64 OF 147 FILE NO. 7508
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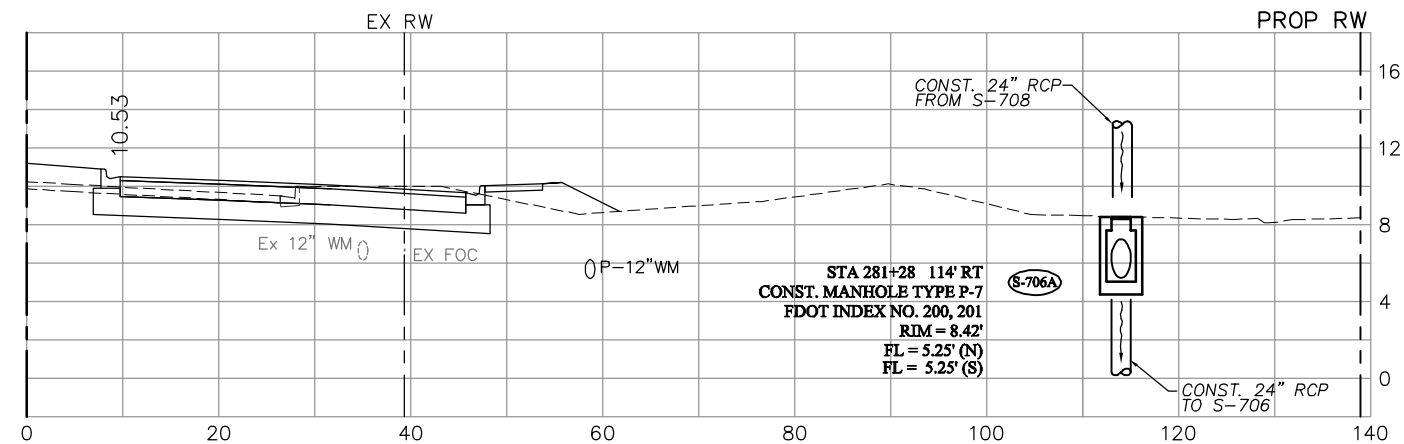
282+20



281+75.25



281+28



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

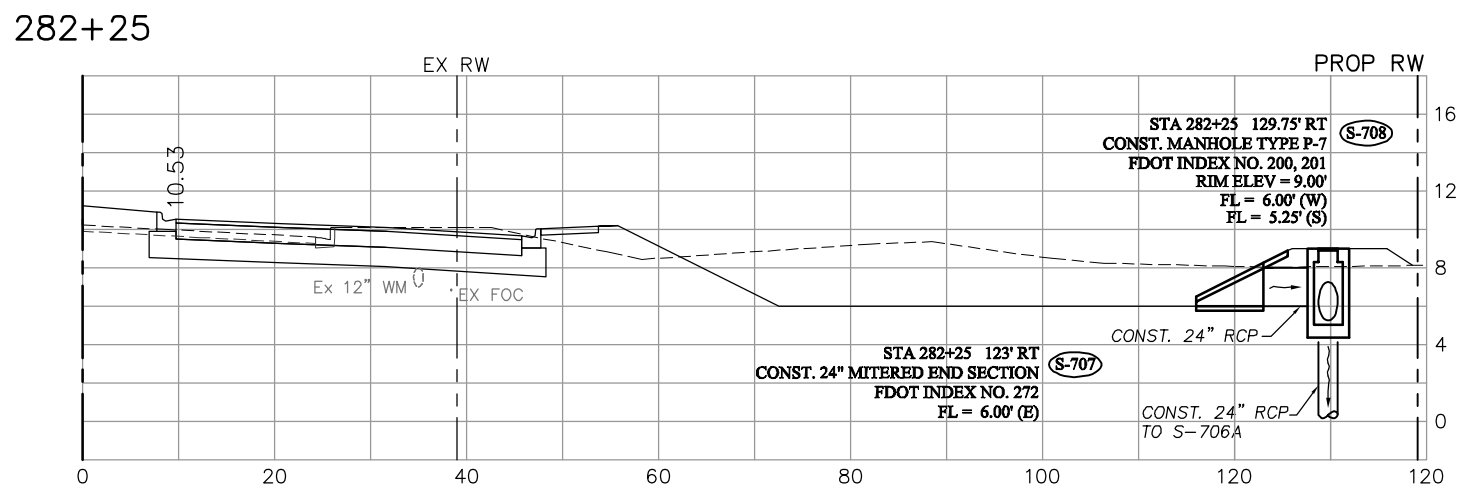
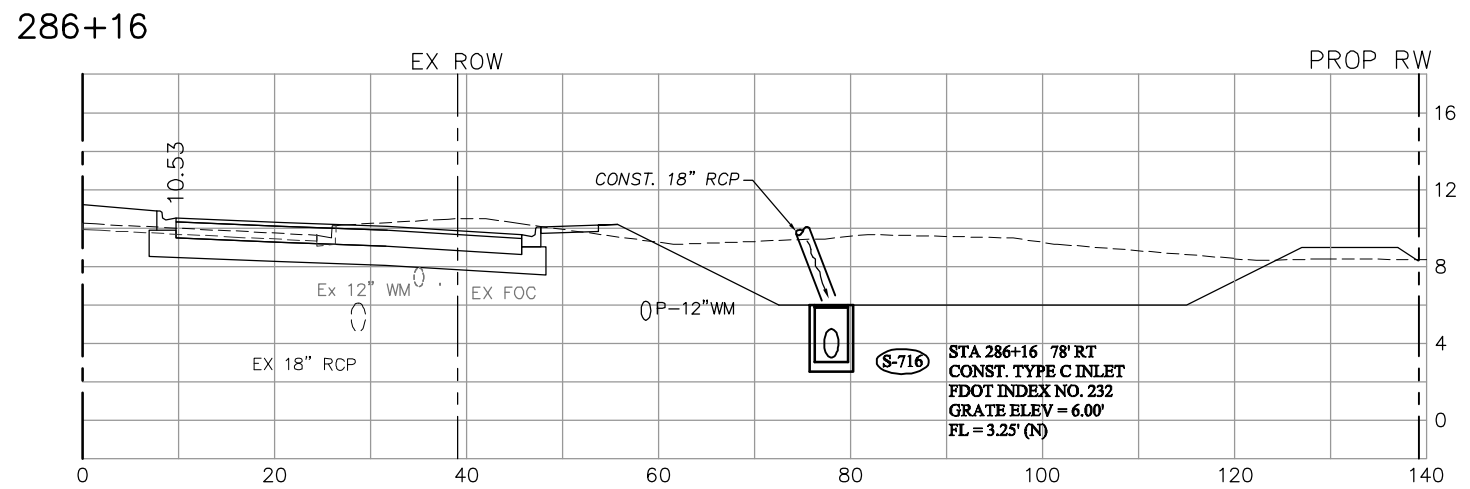
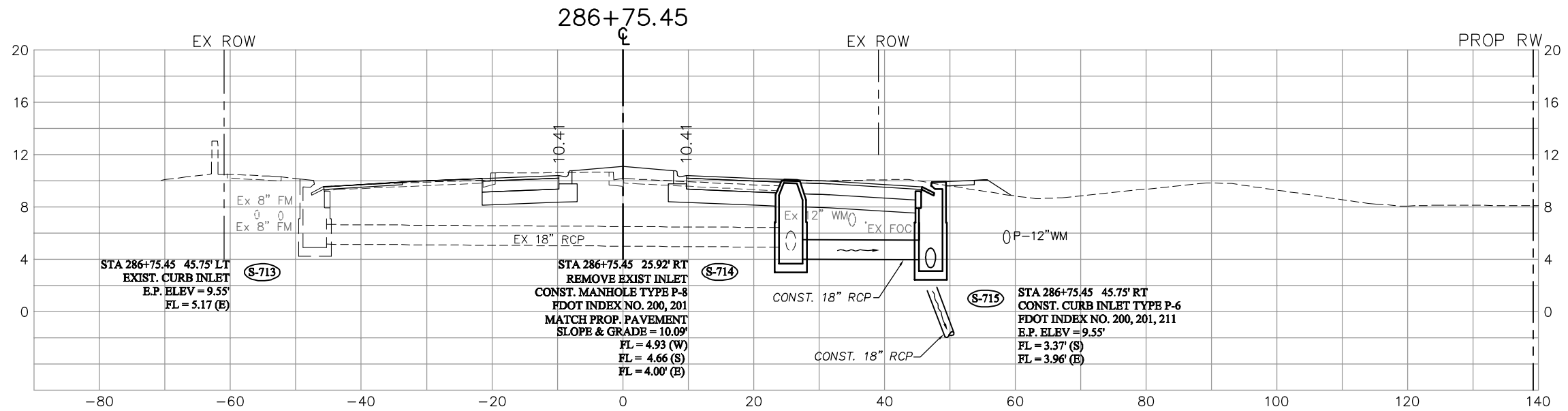
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-12
CTB NAME: 8000-ROAD
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%
ABB PROJECT NO.
7993
ACAD DWG:
7508-DRNSTR

TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 281+28 TO 282+20

SHEET **65**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-13
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%

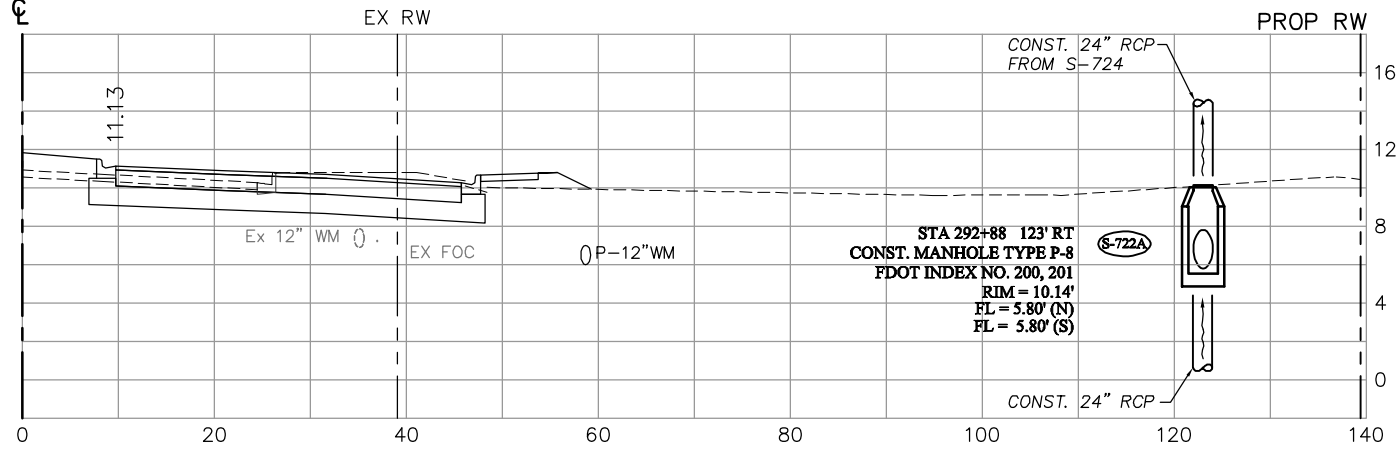
ABB PROJECT NO.
7993

ACAD DWG:
7508-DRNSTR

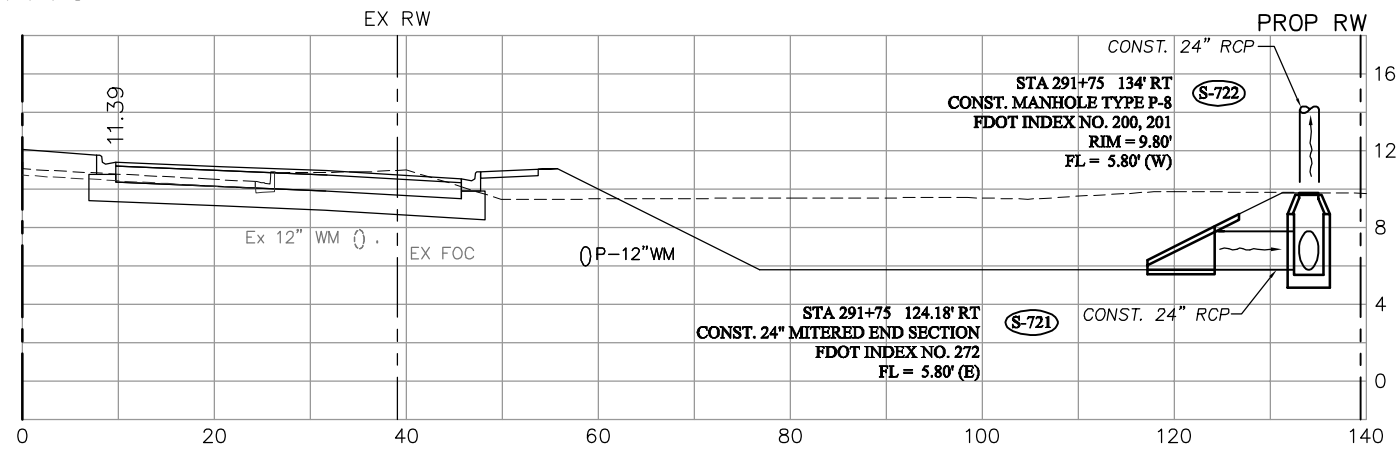
TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 282+25 TO 286+75.45

SHEET **66**
OF **147**
FILE NO. 7508

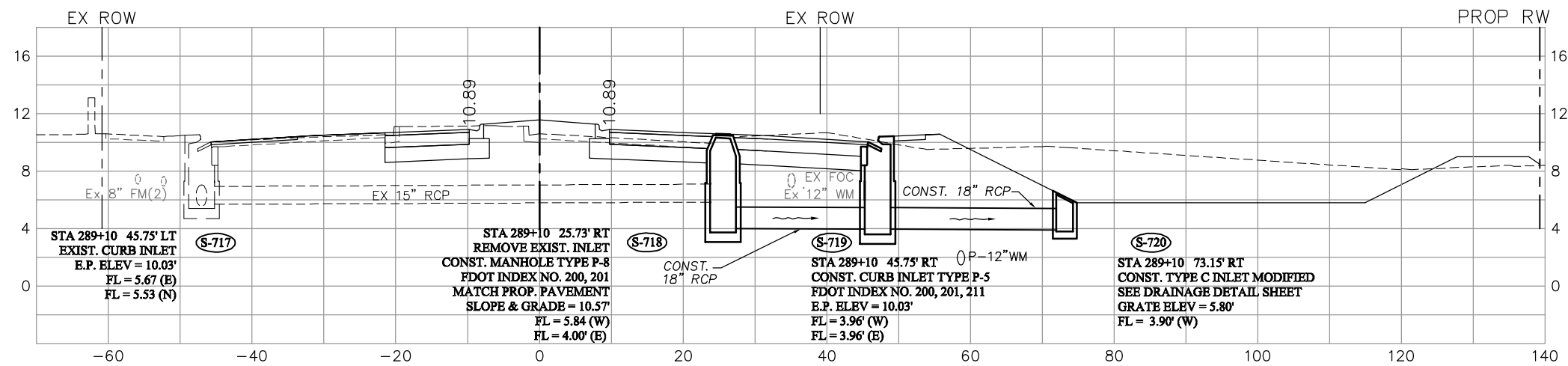
292+88



291+75



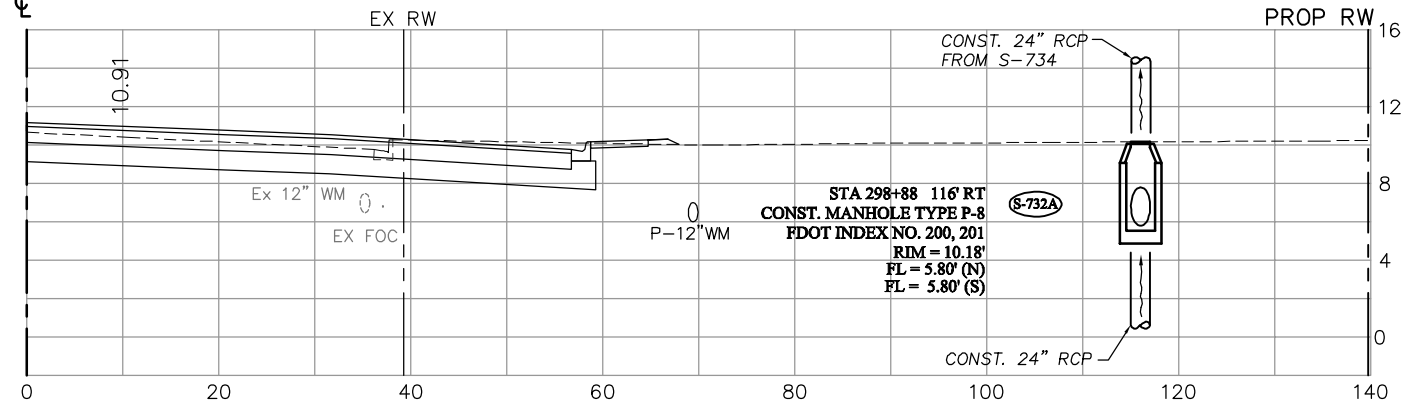
289+10



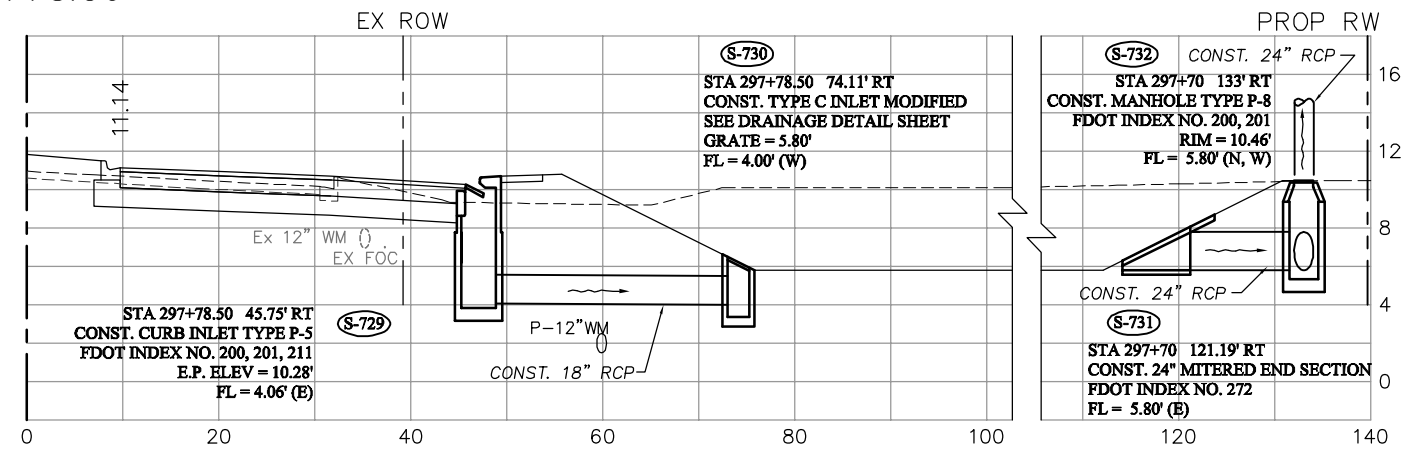
NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-14 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 289+10 TO 292+88	SHEET 67 OF 147 FILE NO. 7508
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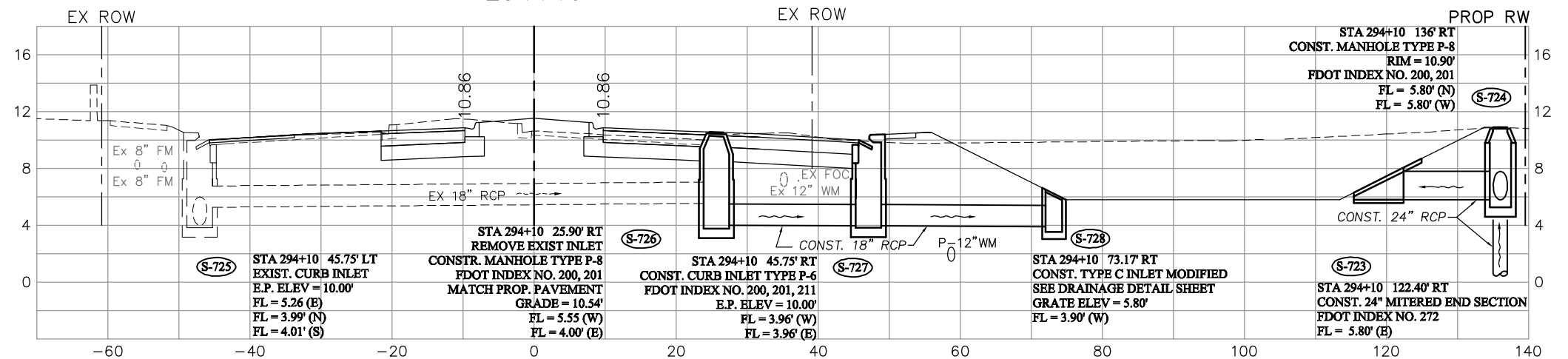
298+88



297+78.50



294+10



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(239) 597-3111

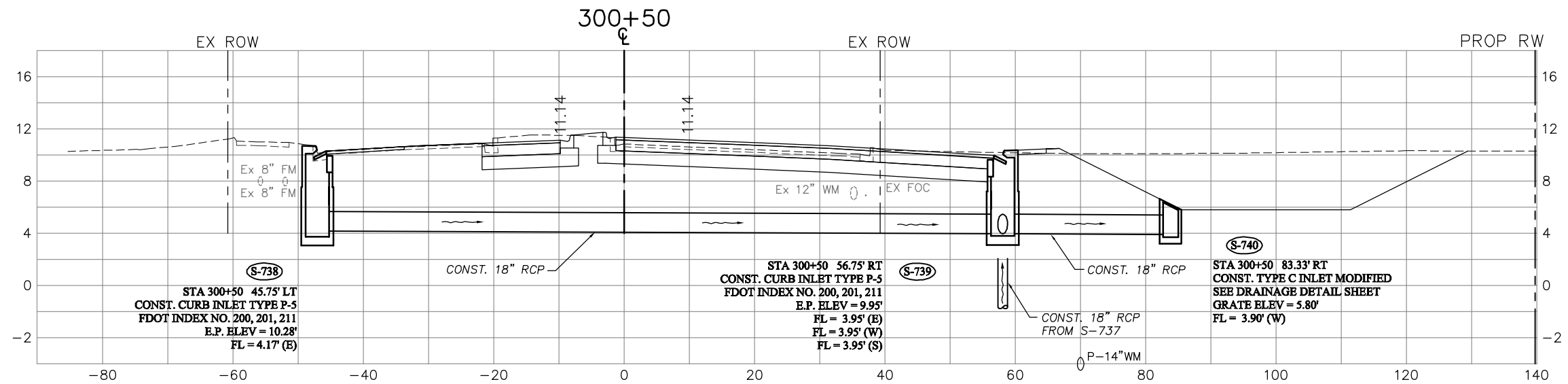
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-15
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

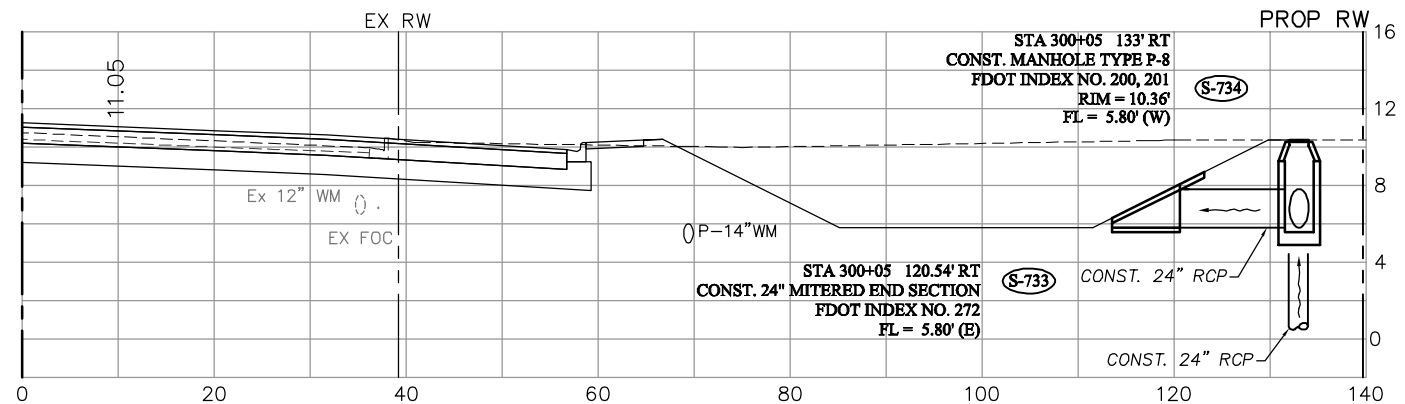
PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNSTR

TITLE:
**SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 294+10 TO 298+88**

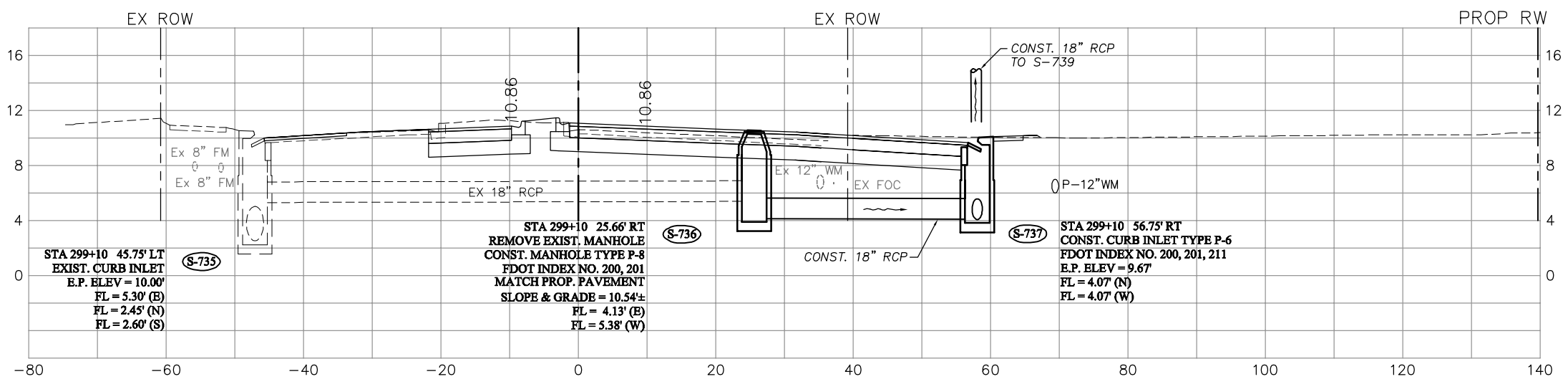
SHEET 68
OF 147
FILE NO. 7508



300+05



299+10



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-16
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%

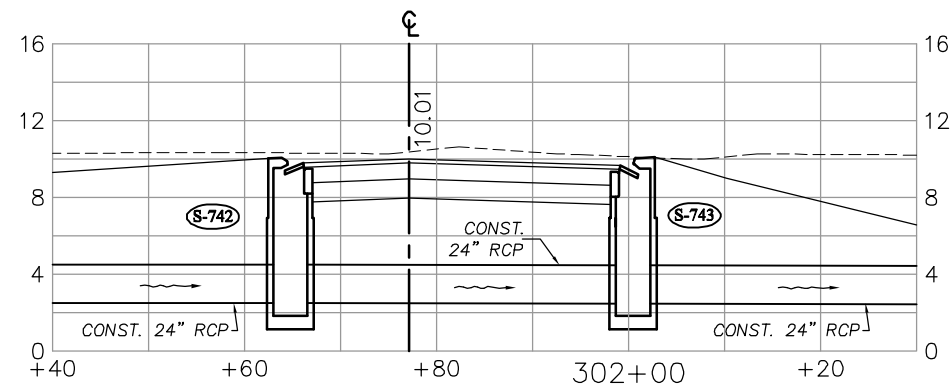
ABB PROJECT NO.
7993

ACAD DWG:
7508-DRNSTR

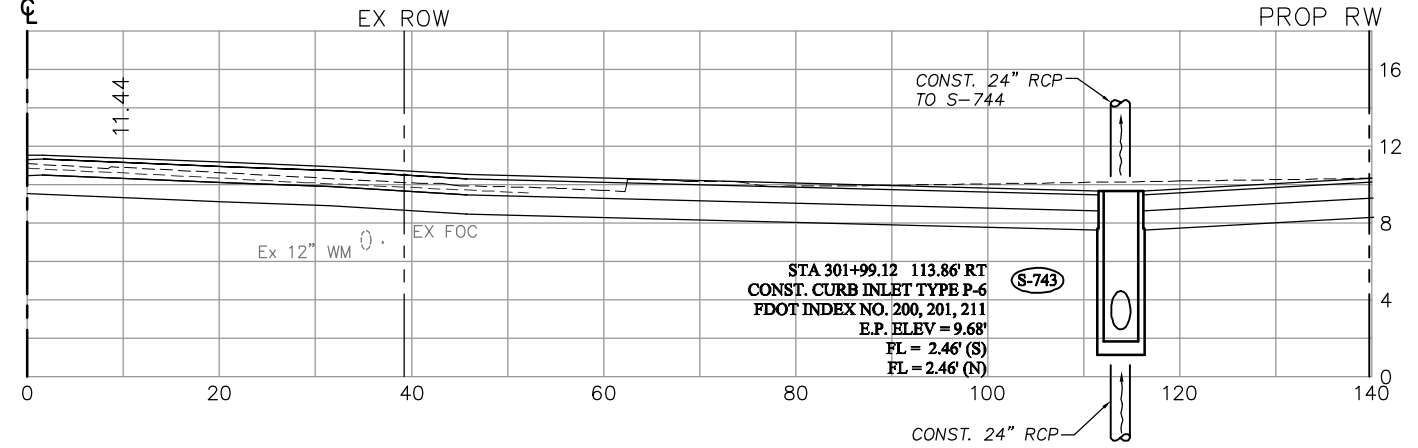
TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 299+10 TO 300+50

SHEET **69**
OF **147**
FILE NO. 7508

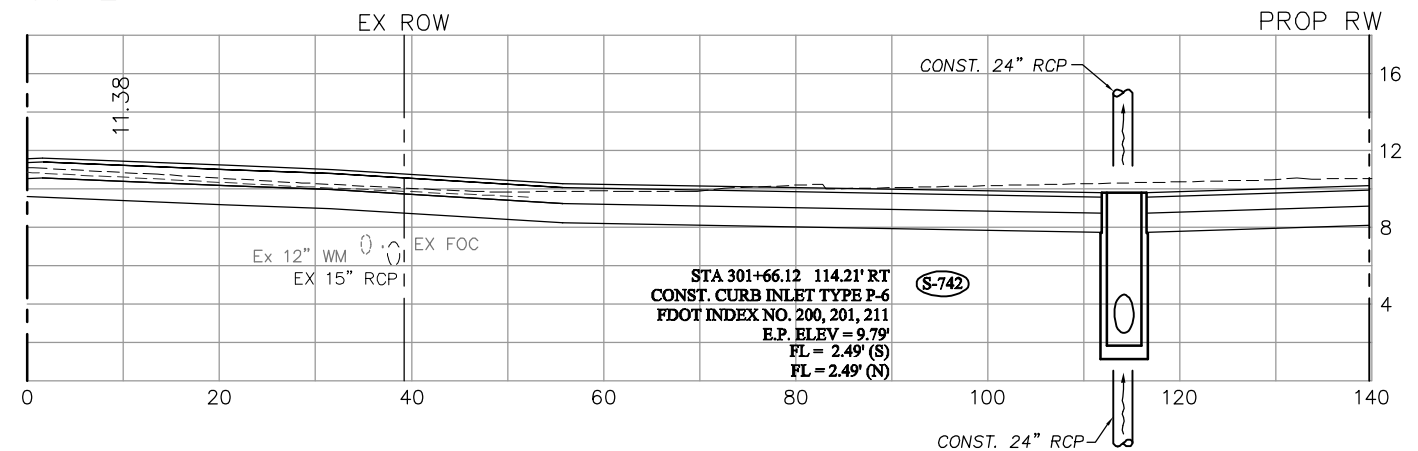
SIDE VIEW S-742 & S-743
SECTION CUT AT STA 11+14.09 - MAPLE DRIVE



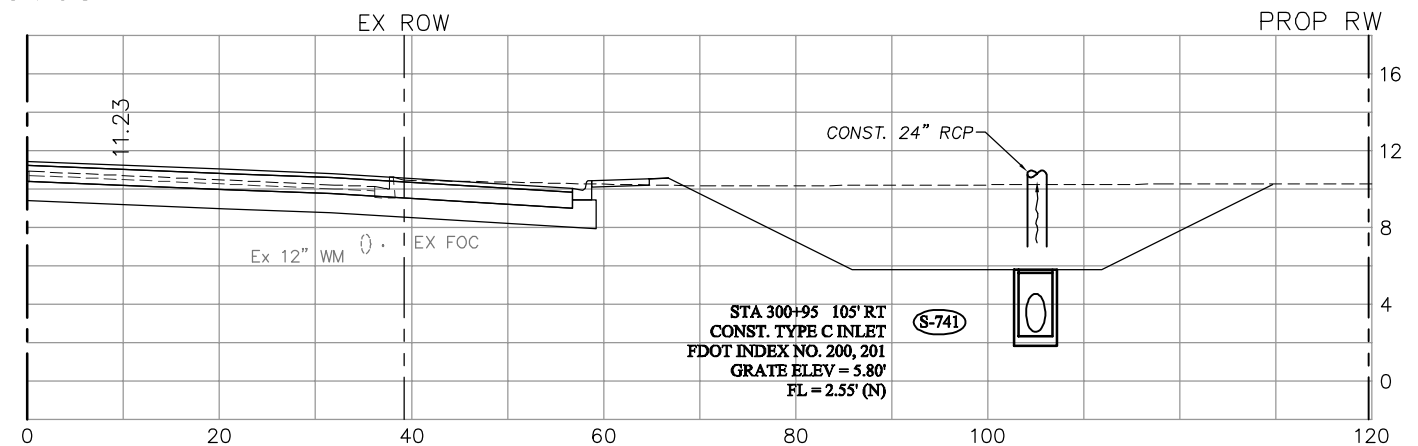
301+99.12



301+66.12



300+95



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

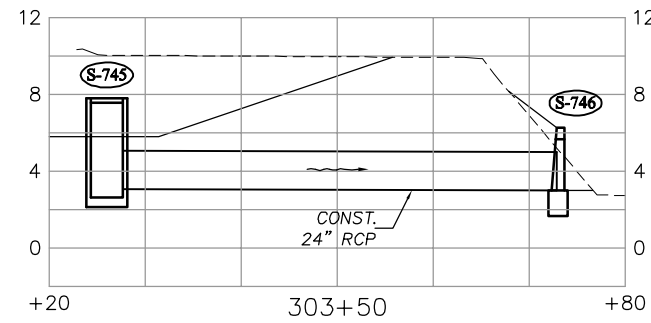
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-DRNSTR
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: DRN-17	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

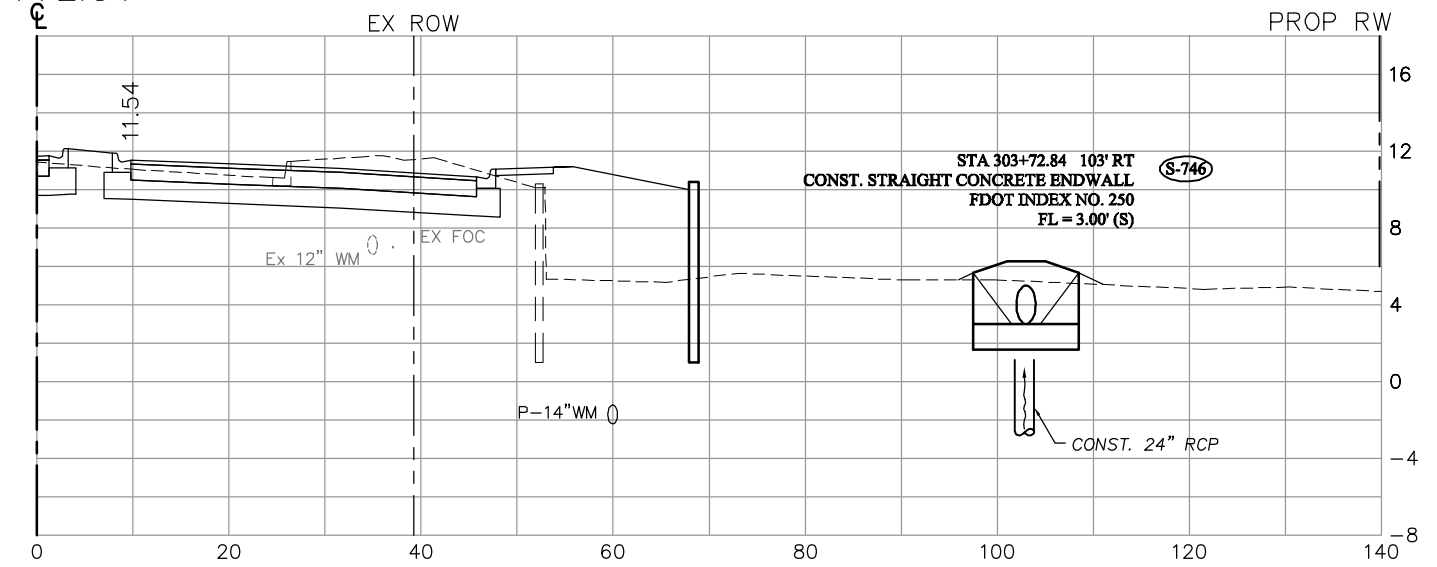
TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 300+95 TO 301+99.12

SHEET **70**
OF **147**
FILE NO. **7508**

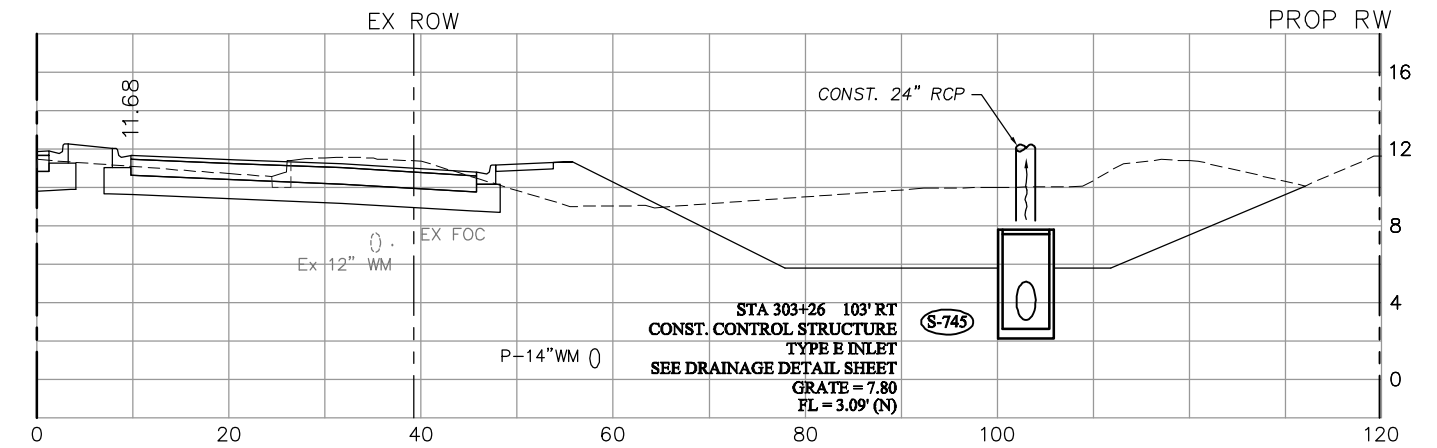
SIDE VIEW
S-745 & S-746



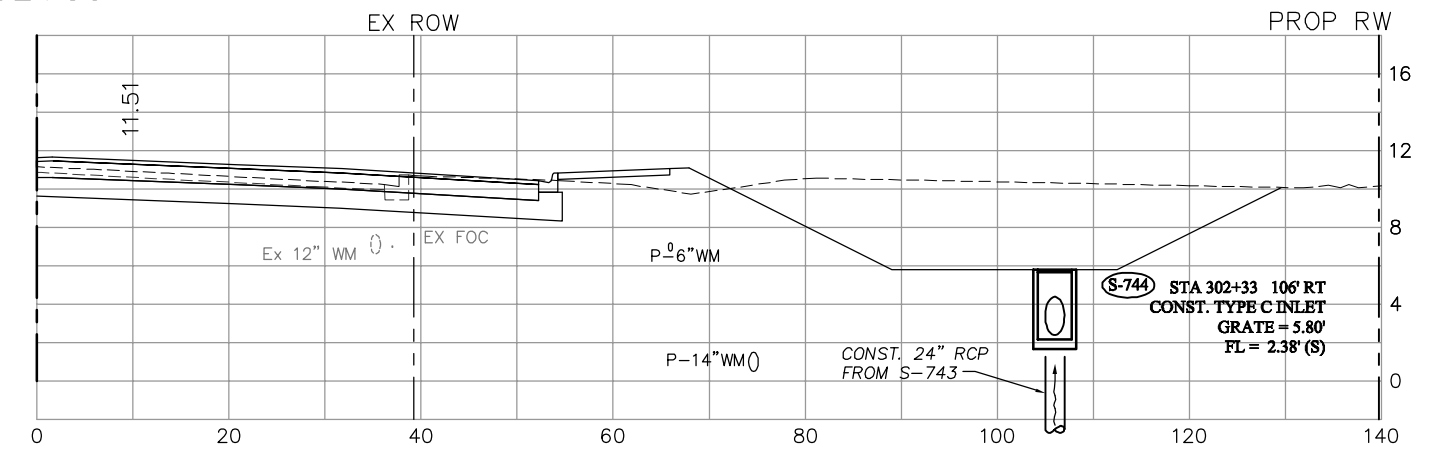
303+72.84



303+26

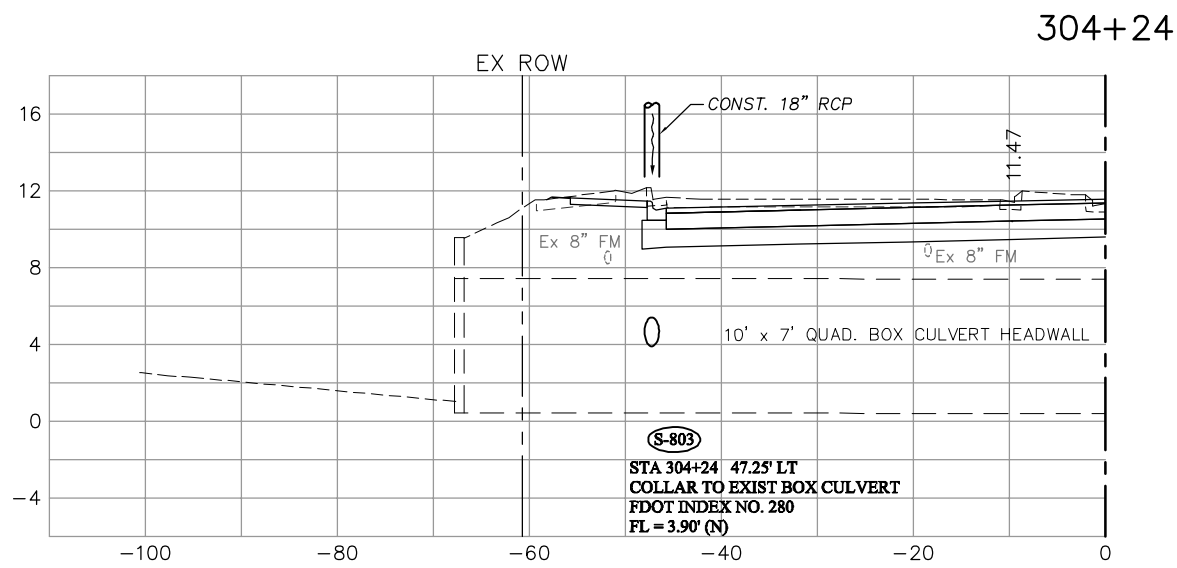
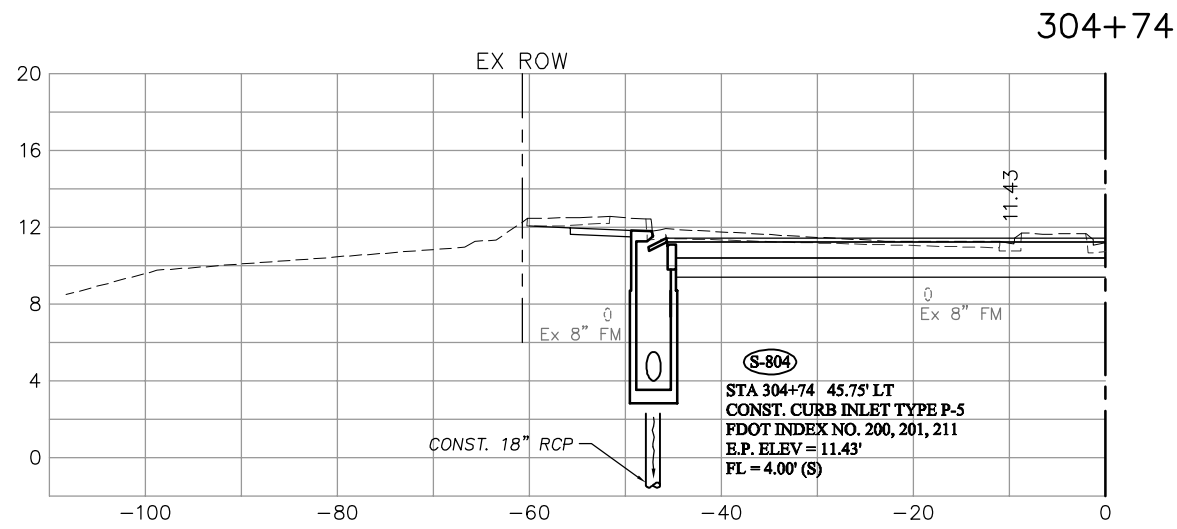
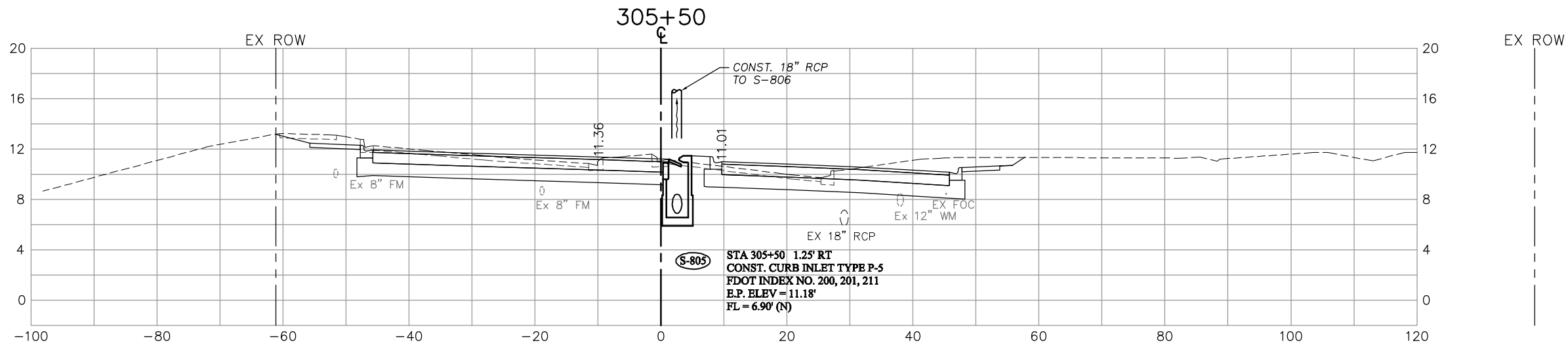


302+33



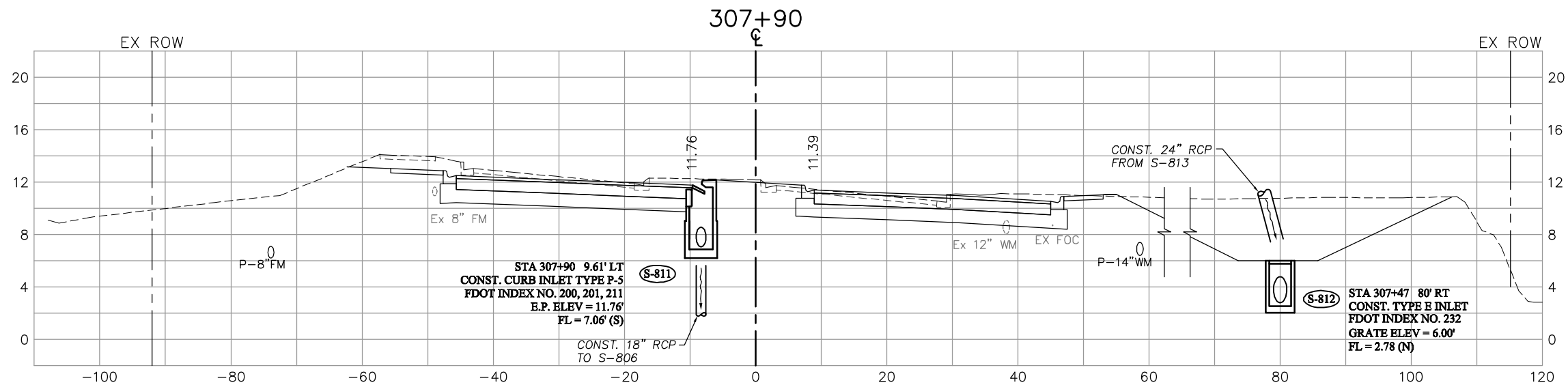
NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 GNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-18 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 302+33 TO 303+72.84	SHEET 71 OF 147 FILE NO. 7508
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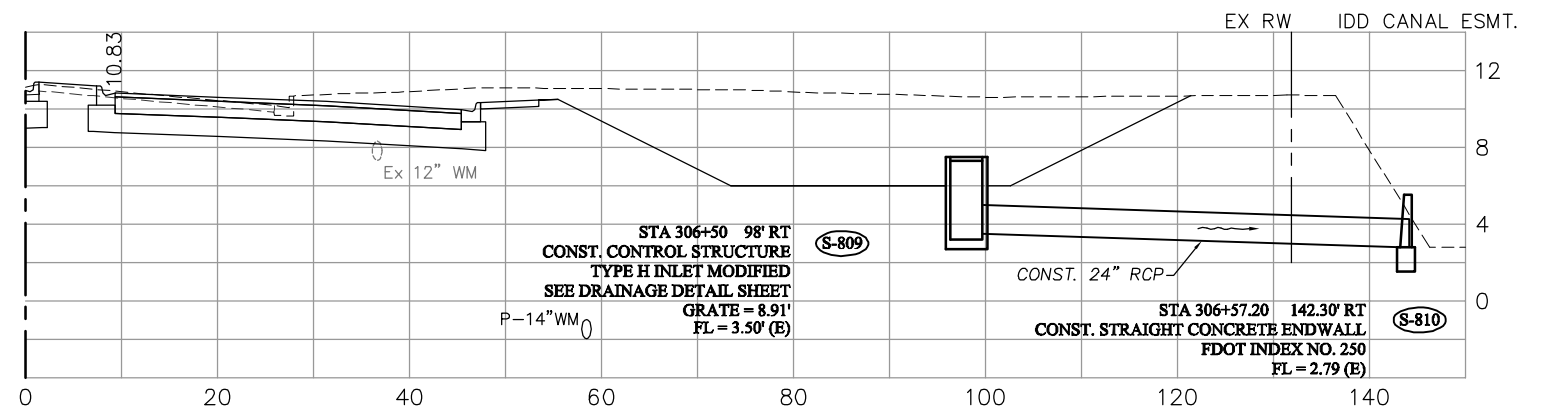


NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

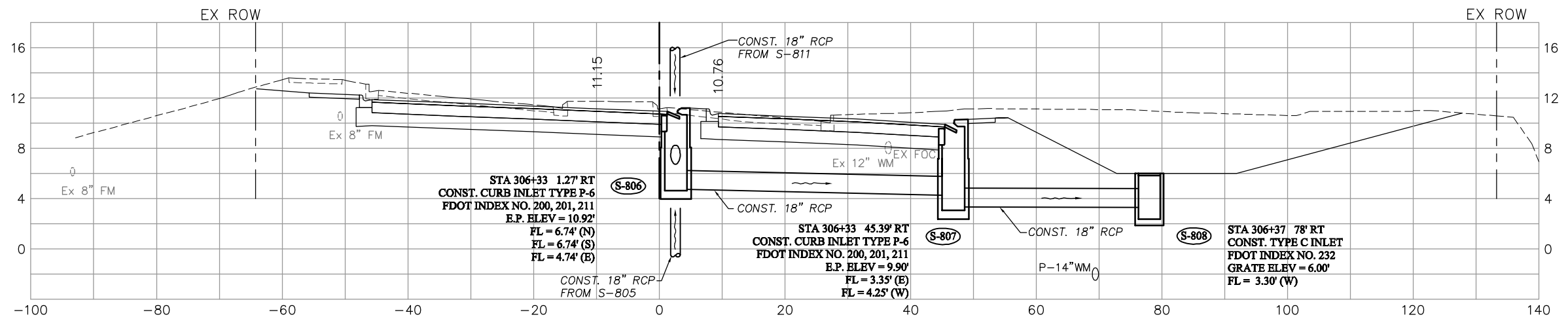
LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-19 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 304+24 TO 305+50	SHEET 72 OF 147 FILE NO. 7508
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306+50



306+33



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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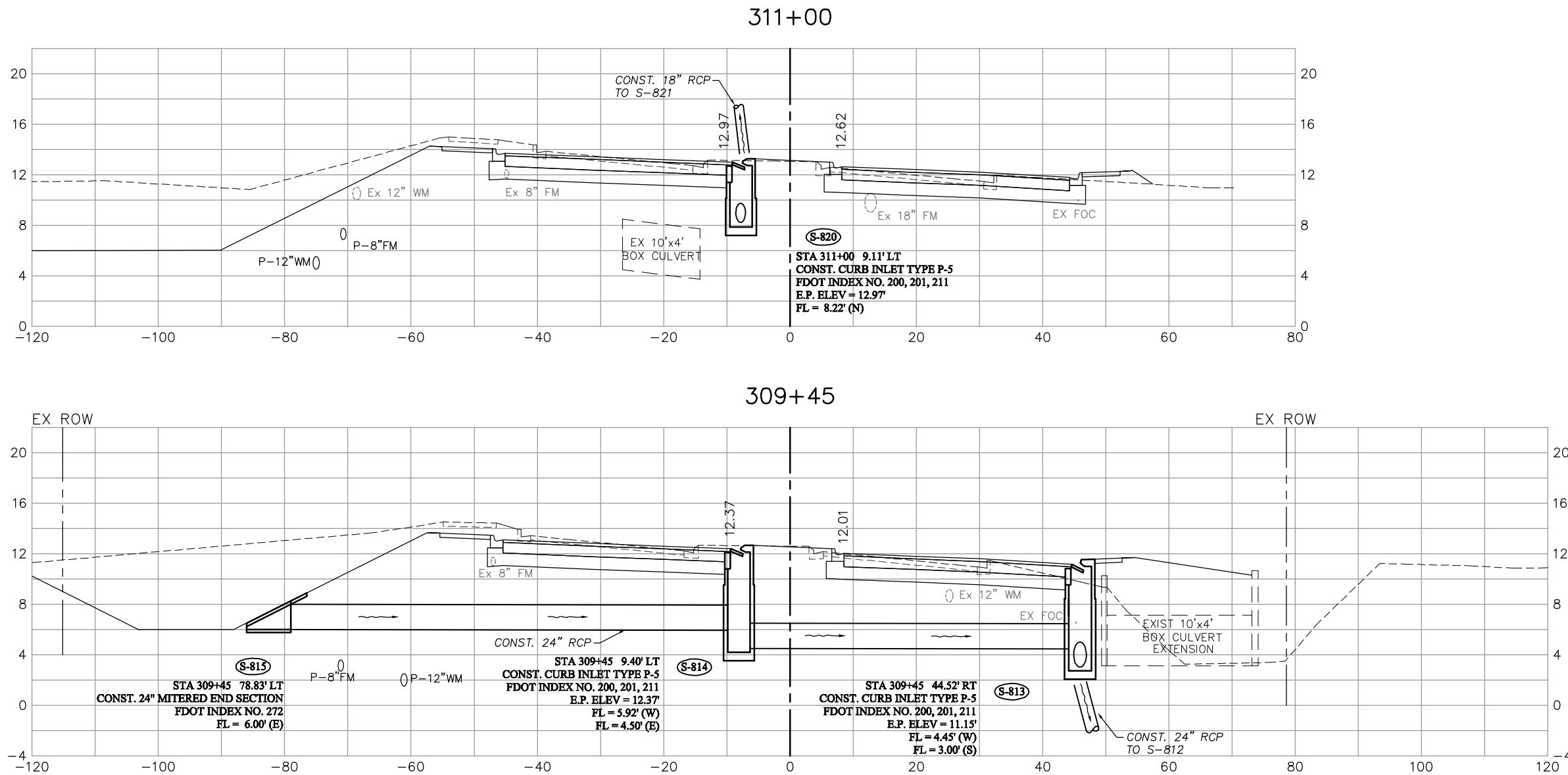
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-20
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNSTR

TITLE: **SUMMERLIN ROAD DRAINAGE STRUCTURES STATION 306+33 TO 307+90**

SHEET 73 OF 147
FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

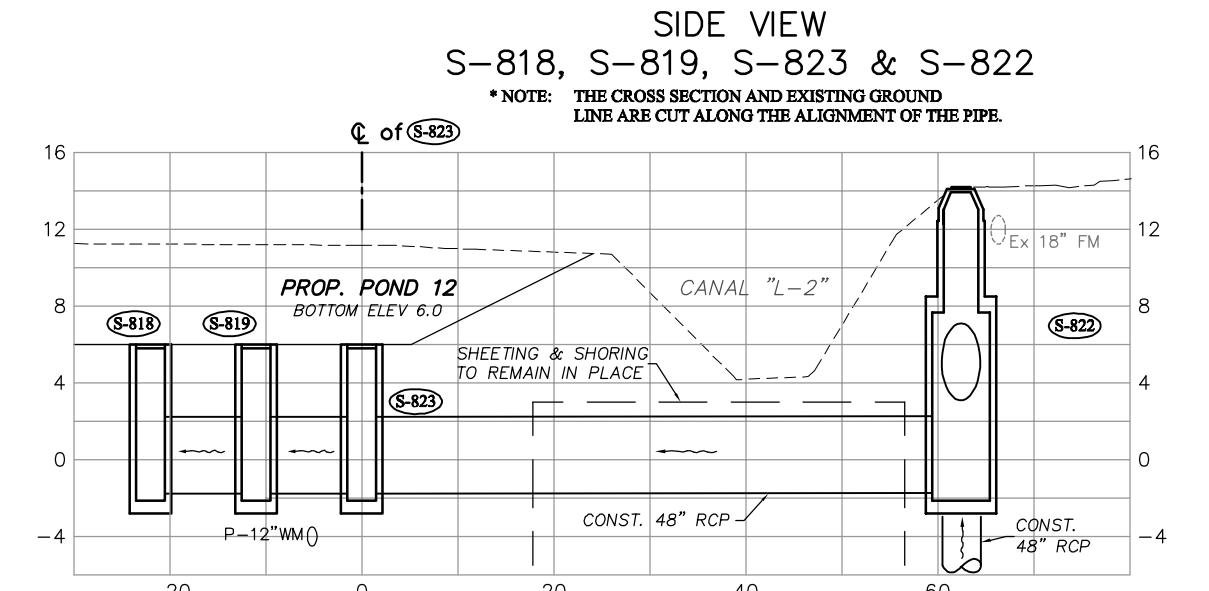
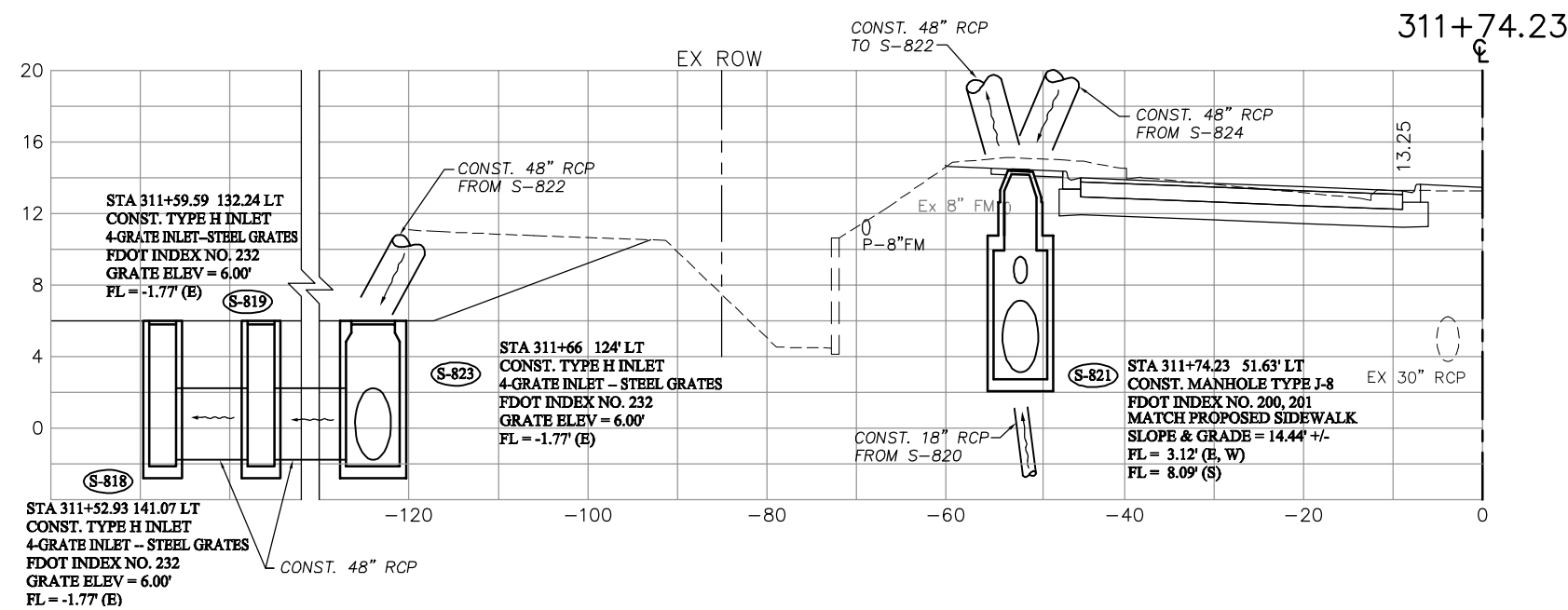
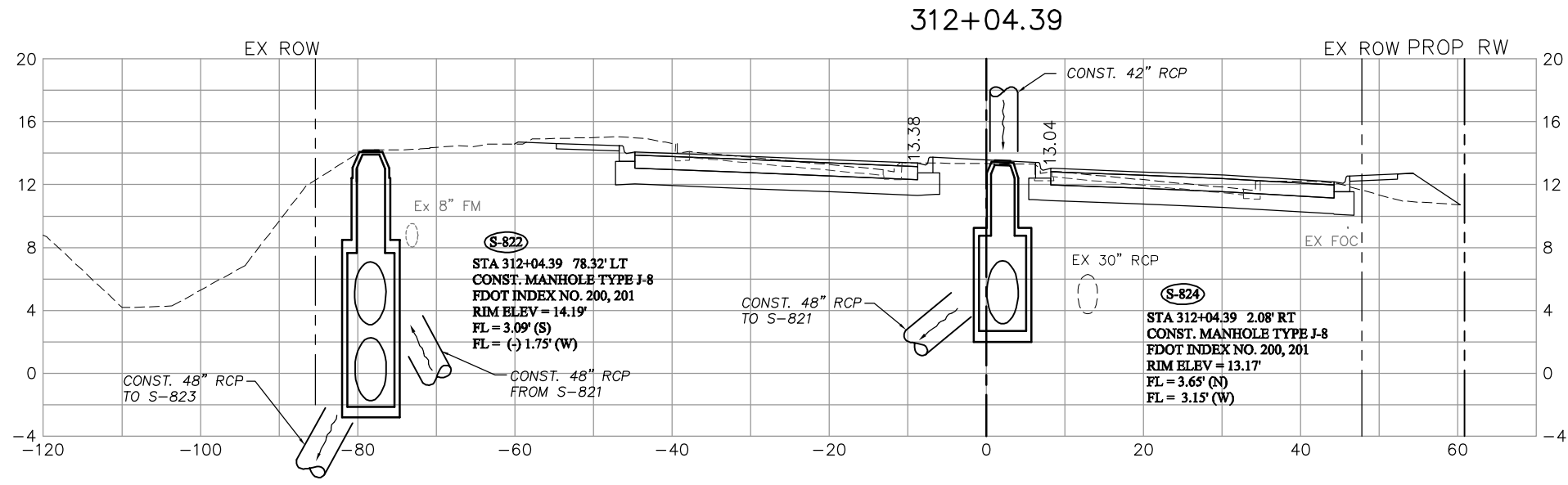
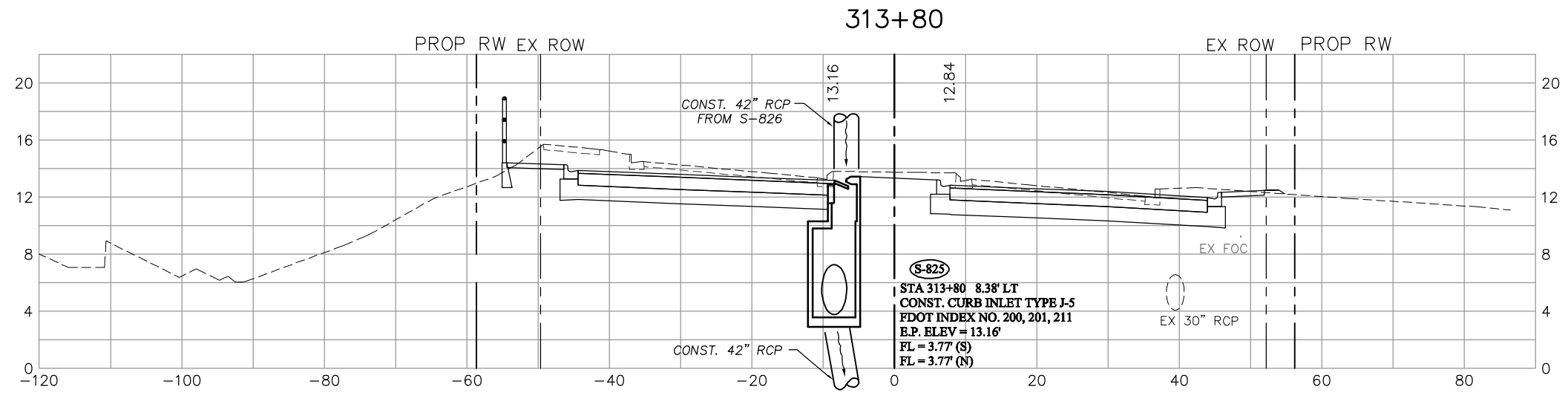
**LEE COUNTY
DEPT. OF TRANSPORTATION**

**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-DRNSTR
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: DRN-21	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

**TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 309+45 TO 311+00**

SHEET **74**
OF **147**
FILE NO. **7508**



SIDE VIEW
S-818, S-819, S-823 & S-822
 *NOTE: THE CROSS SECTION AND EXISTING GROUND LINE ARE CUT ALONG THE ALIGNMENT OF THE PIPE.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
 DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
 Professional engineers, planners, & land surveyors
 Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
 (239) 597-3111

DESIGNED BY: EFT
 DRAWN BY: TAM
 CHECKED BY: EFT
 REVIEWED BY: DWB
 PLOT VIEW/LAYOUT: DRN-22
 CTB NAME: 8000-ROAD

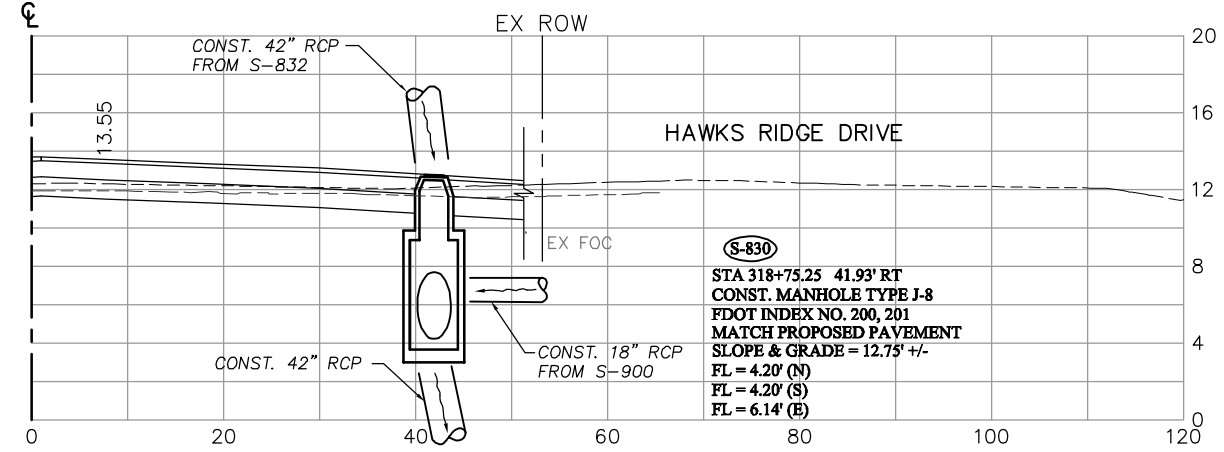
DATE: AUGUST 2007
 24x36 PLOT
 HORIZ SCALE: 1" = 10'
 VERT SCALE: 1" = 5'
 11x17 PLOT
 HORIZ SCALE: 1" = 20'
 VERT SCALE: 1" = 10'

PLAN STAGE: 100%
 ABB PROJECT NO.: 7993
 ACAD DWG: 7508-DRNSTR

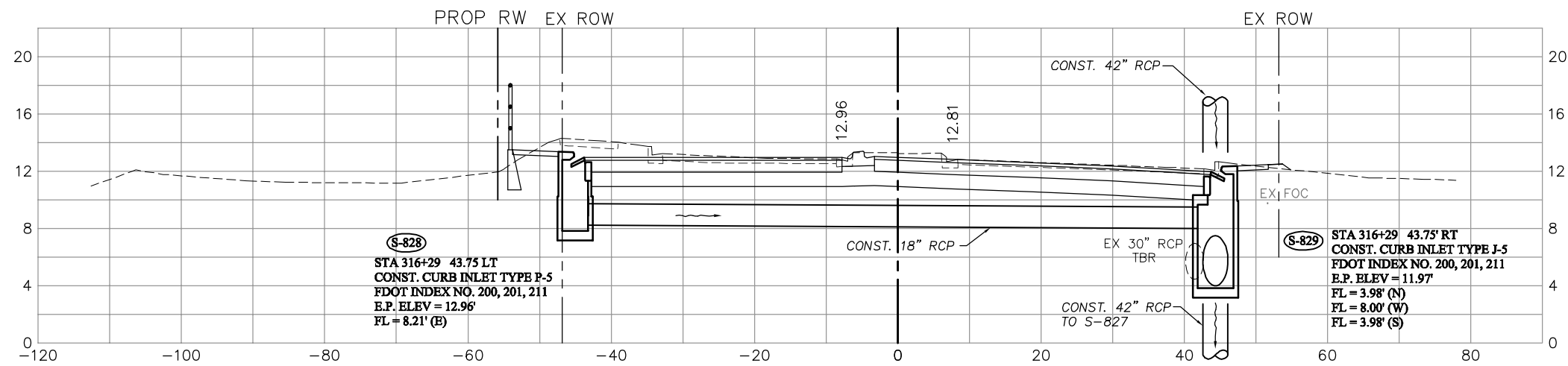
TITLE:
SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 311+74.23 TO 313+80

SHEET **75**
 OF **147**
 FILE NO. 7508

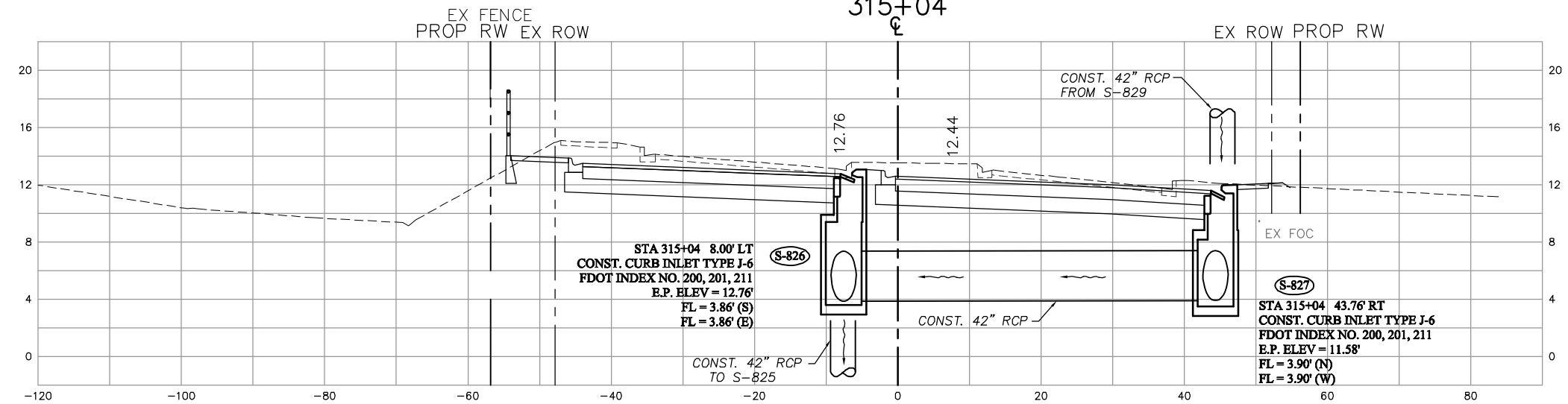
318+75.25



316+29



315+04



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-23
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

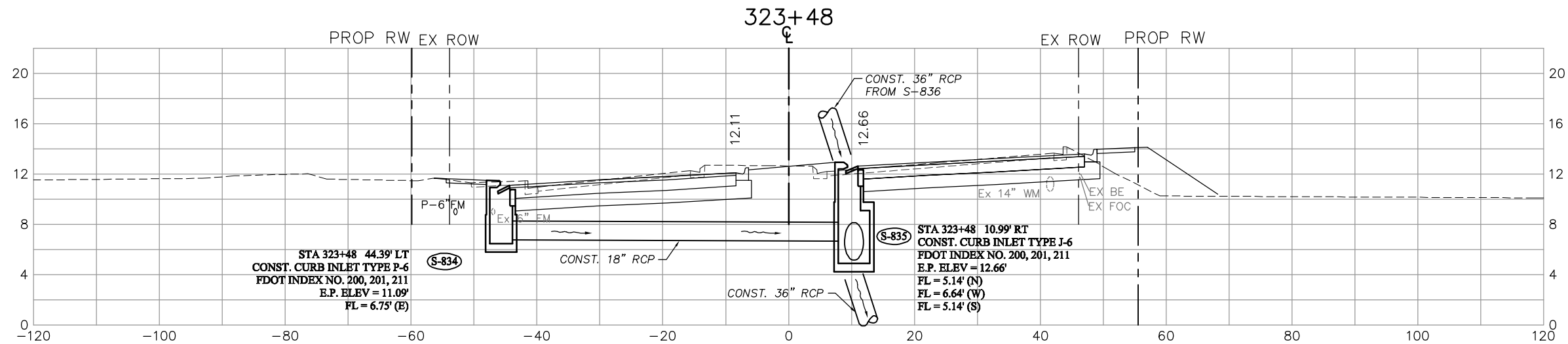
PLAN STAGE
100%

ABB PROJECT NO.
7993

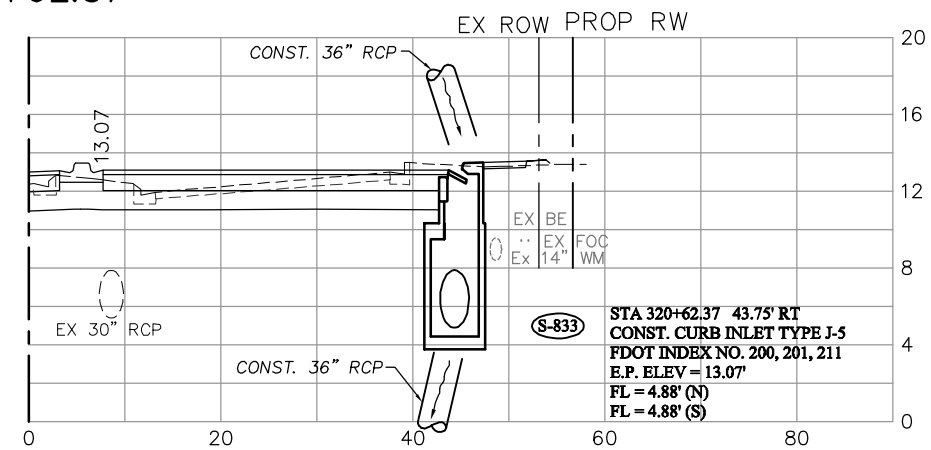
ACAD DWG:
7508-DRNSTR

TITLE:
**SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 315+04 TO 318+75.25**

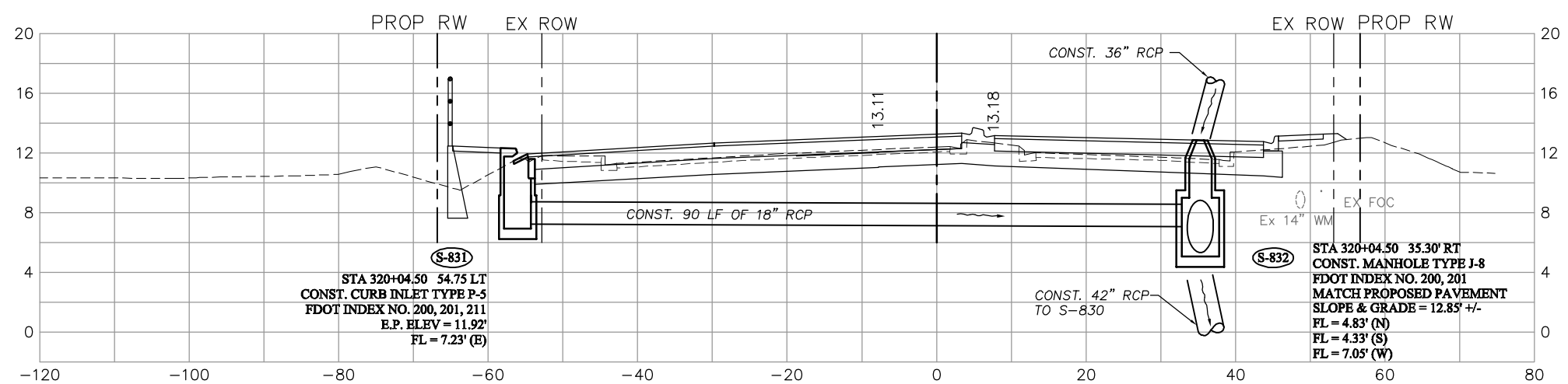
SHEET 76
OF 147
FILE NO. 7508



320+62.37



320+04.50



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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-24
CTB NAME: 8000-ROAD

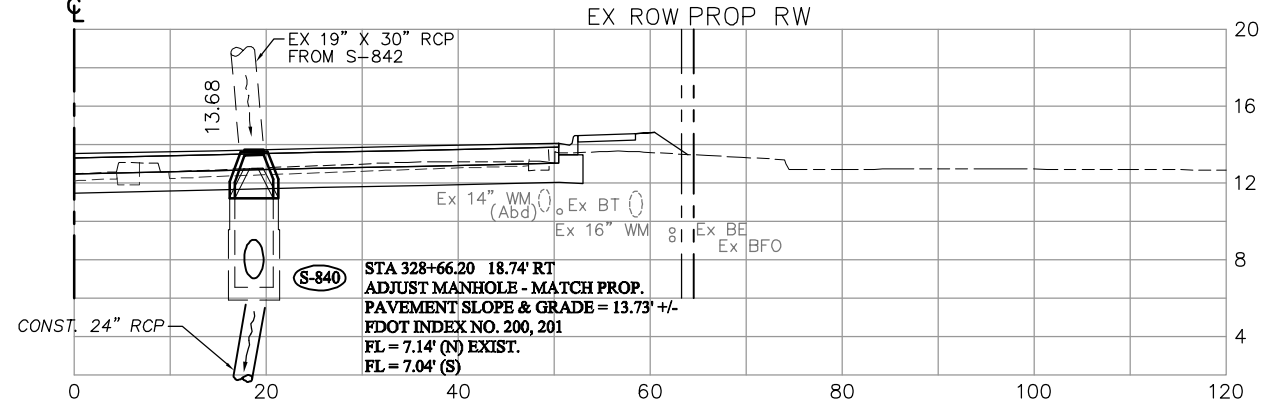
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11X17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNSTR

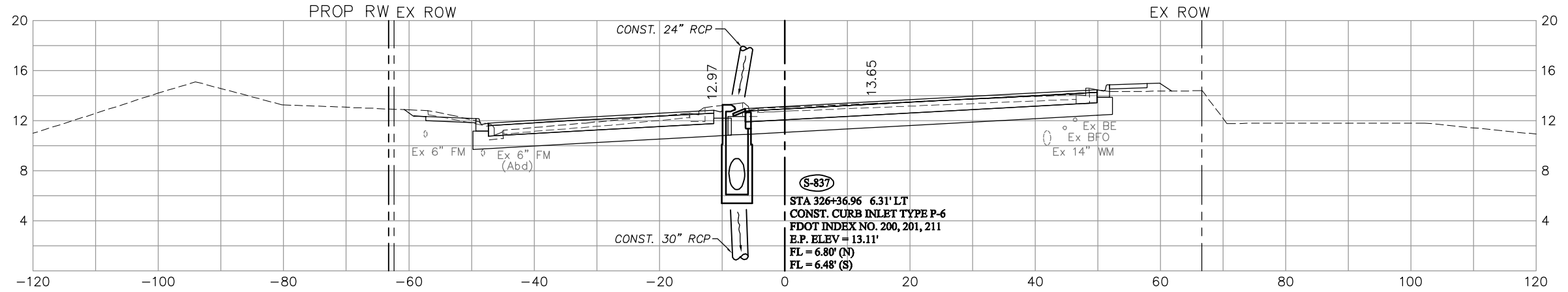
TITLE: **SUMMERLIN ROAD
DRAINAGE STRUCTURES
STATION 320+04.50 TO 323+48**

SHEET 77
OF 147
FILE NO. 7508

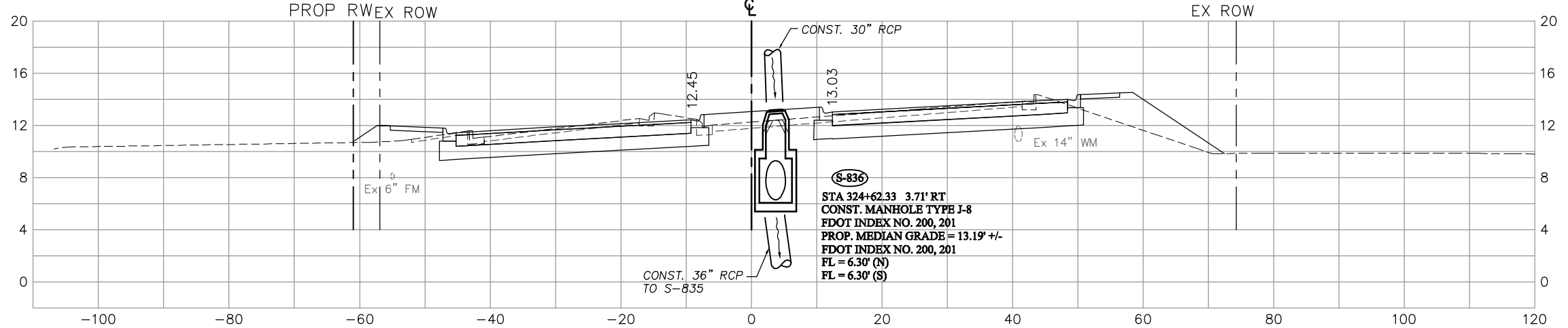
328+66.20



326+37.02



324+62.33



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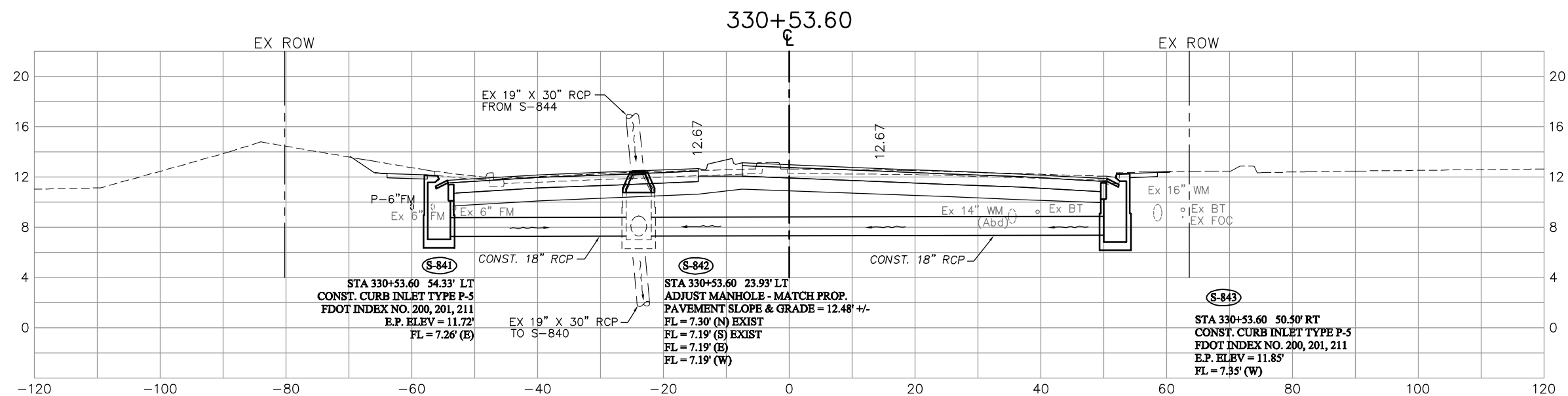
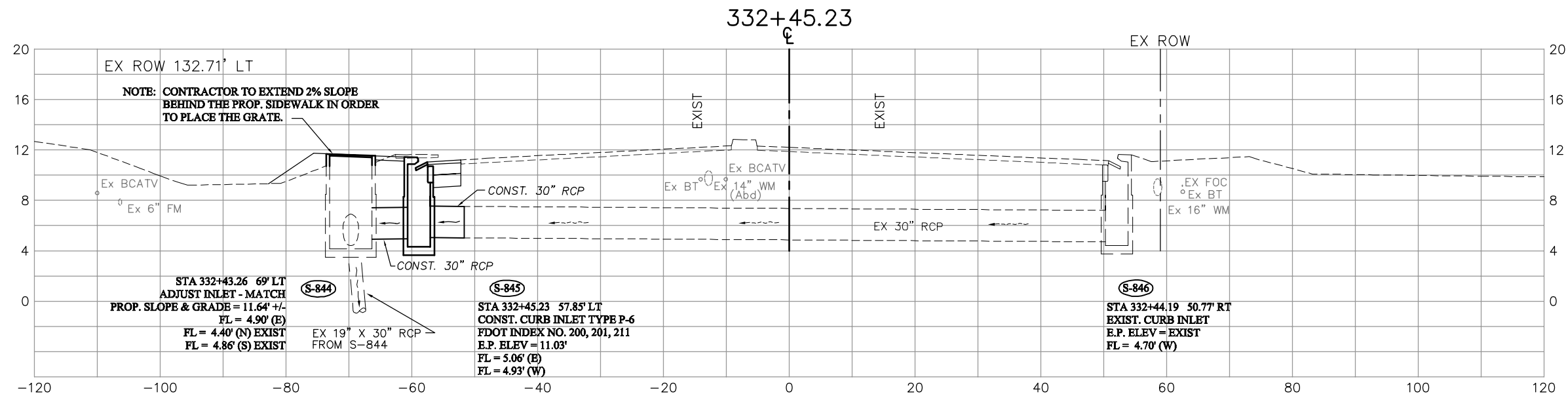
DESIGNED BY: EFT
 DRAWN BY: TAM
 CHECKED BY: EFT
 REVIEWED BY: DWB
 PLOT VIEW/LAYOUT: DRN-25
 CTB NAME: 8000-ROAD

DATE: AUGUST 2007
 24x36 PLOT
 HORIZ SCALE: 1" = 10'
 VERT SCALE: 1" = 5'

PLAN STAGE: 100%
 ABB PROJECT NO.: 7993
 ACAD DWG: 7508-DRNSTR

TITLE:
**SUMMERLIN ROAD
 DRAINAGE STRUCTURES**
 STATION 324+62.33 TO 328+66.20

SHEET 78
 OF 147
 FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(239) 597-3111

DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DRN-26
CTB NAME: 8000-ROAD

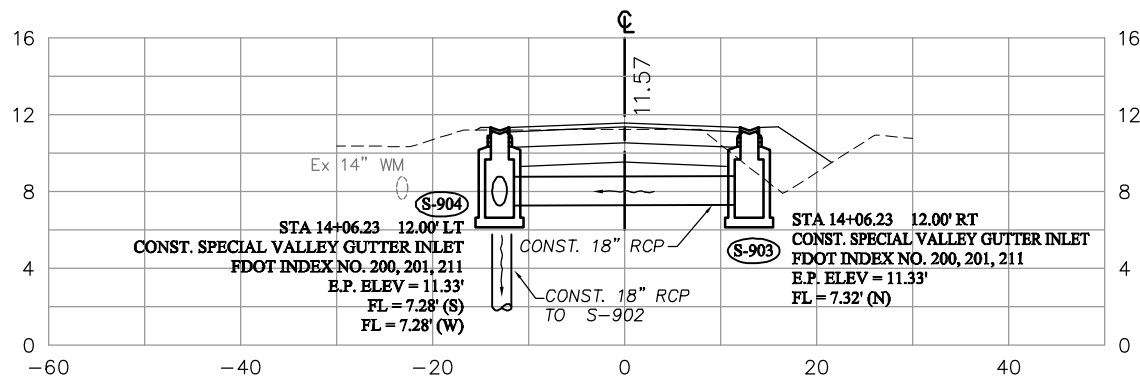
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%
ABB PROJECT NO.
7993
ACAD DWG:
7508-DRNSTR

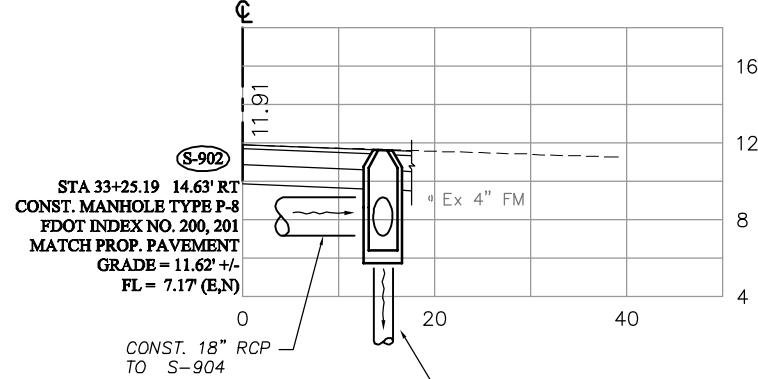
TITLE: **SUMMERLIN ROAD**
DRAINAGE STRUCTURES
STATION 330+53.60 TO 332+45.23

SHEET **79**
OF **147**
FILE NO. 7508

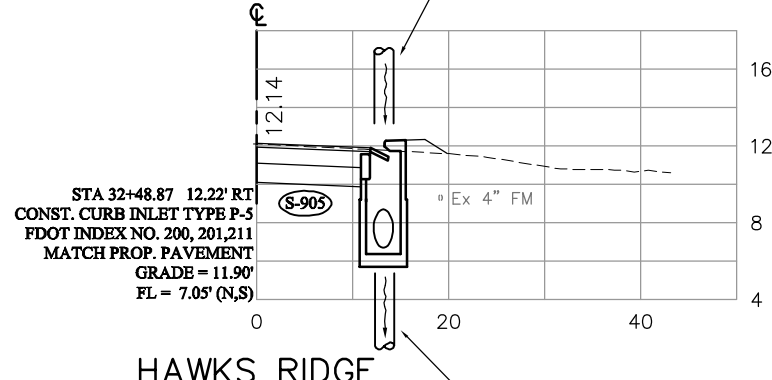
SUMMERLIN COMMONS
14+06.23



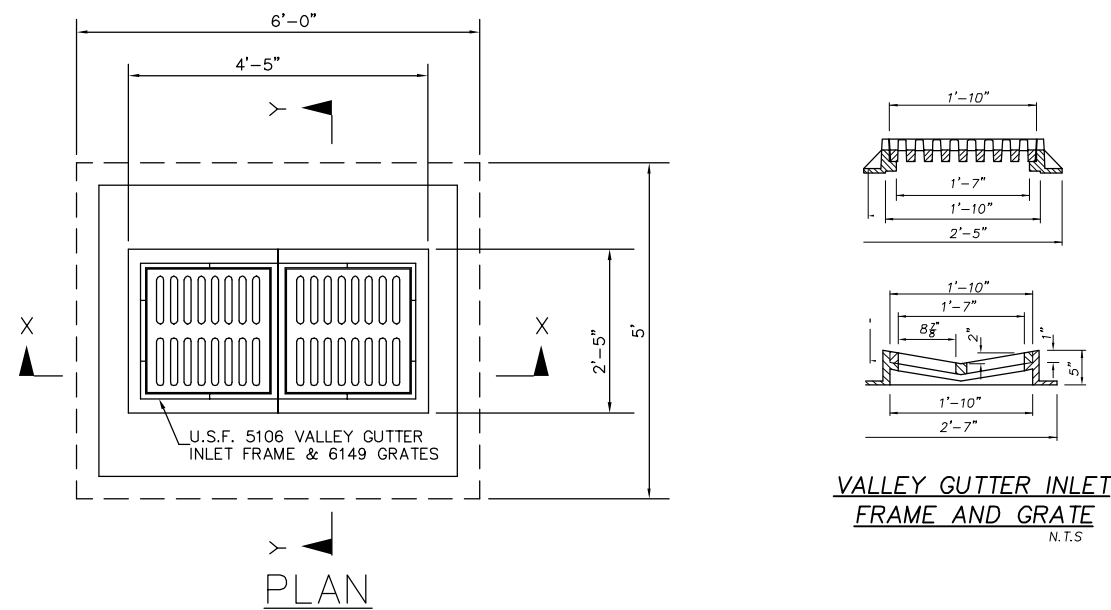
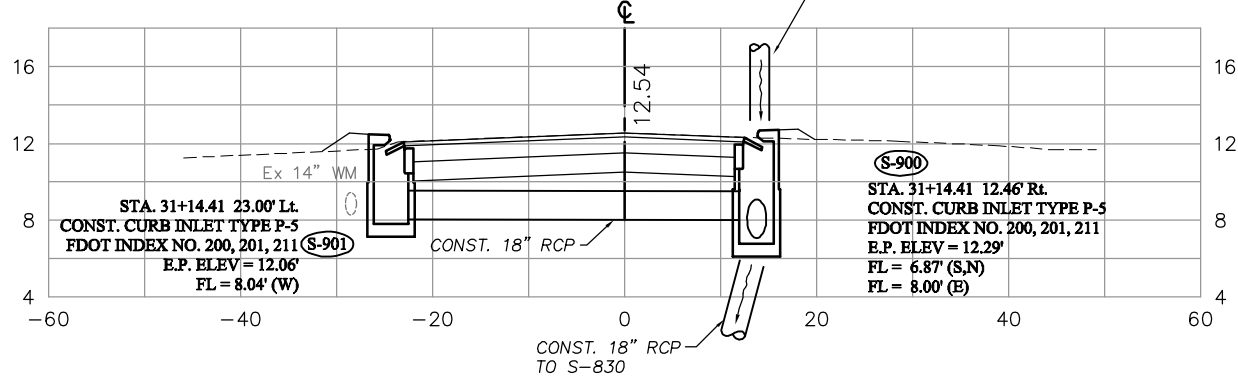
HAWKS RIDGE
33+25.19



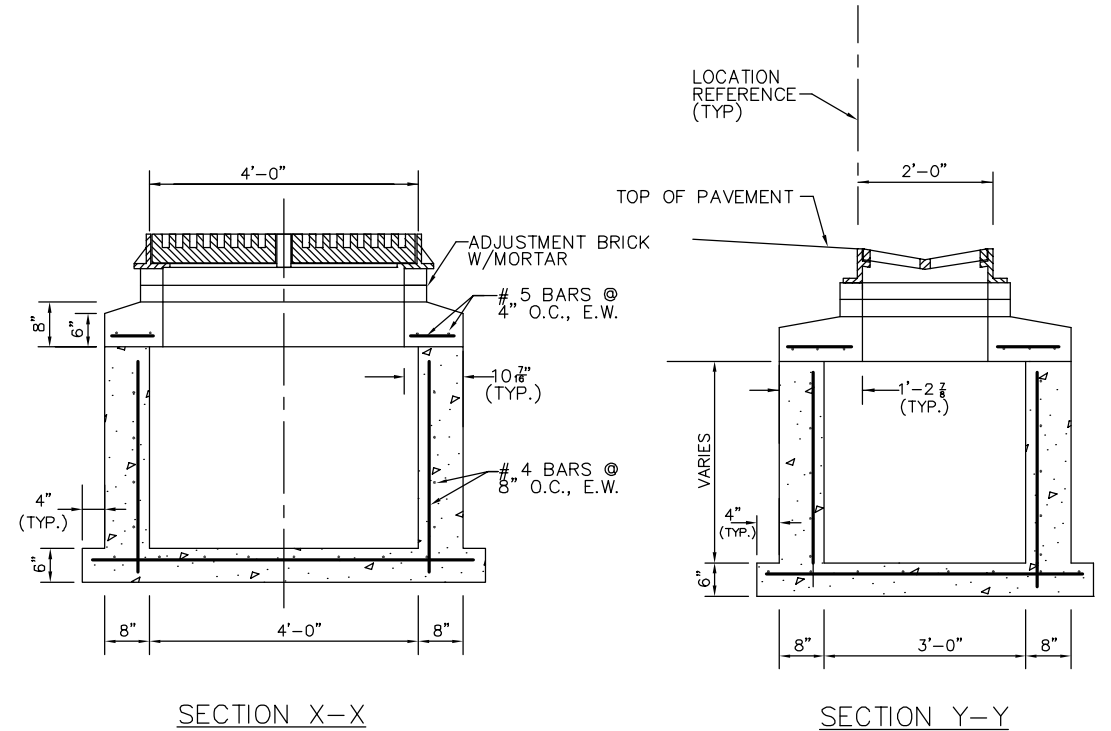
HAWKS RIDGE
32+48.87



HAWKS RIDGE
31+14.41



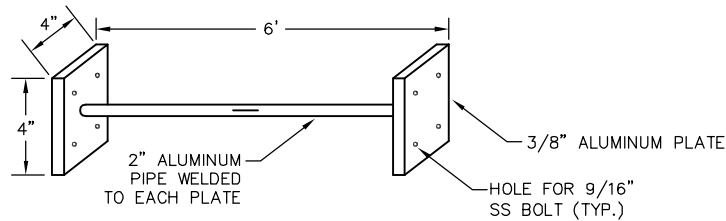
VALLEY GUTTER INLET
FRAME AND GRATE
N.T.S.



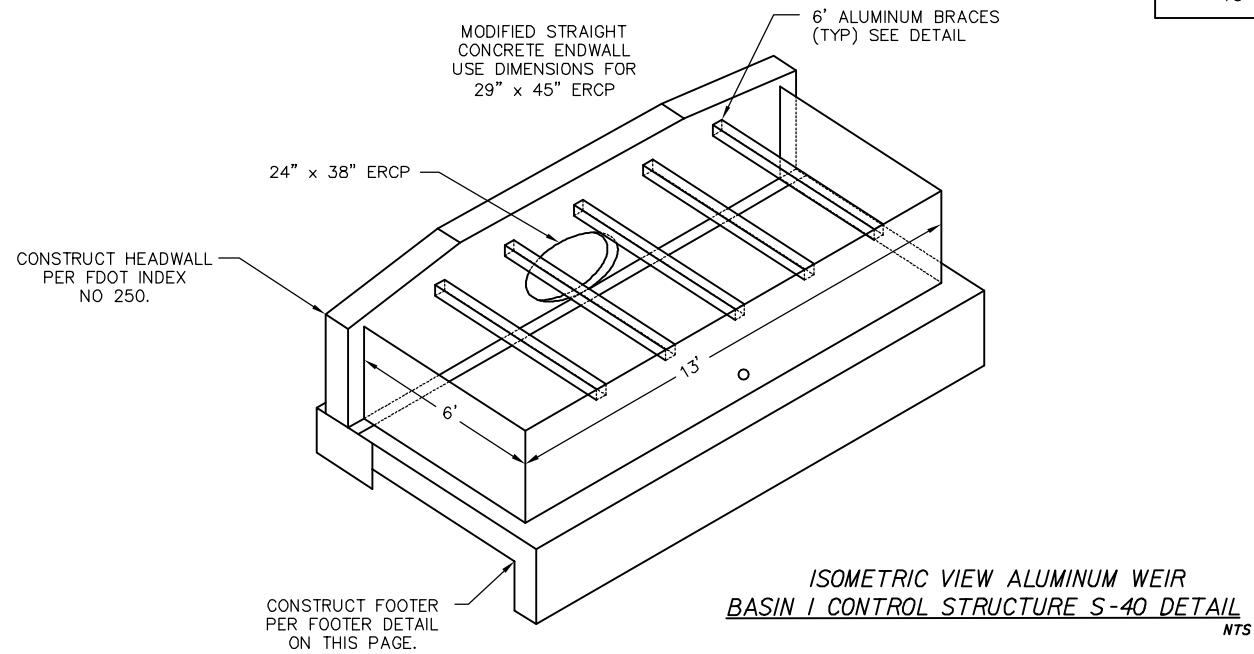
VALLEY GUTTER INLET DETAIL (2 GRATES)
N.T.S.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: DRN-27 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-DRNSTR	TITLE: SUMMERLIN ROAD DRAINAGE STRUCTURES HAWK'S LANDING DRIVE STATION 11+26 99 TO 15+50	SHEET 80 OF 147 FILE NO. 7508
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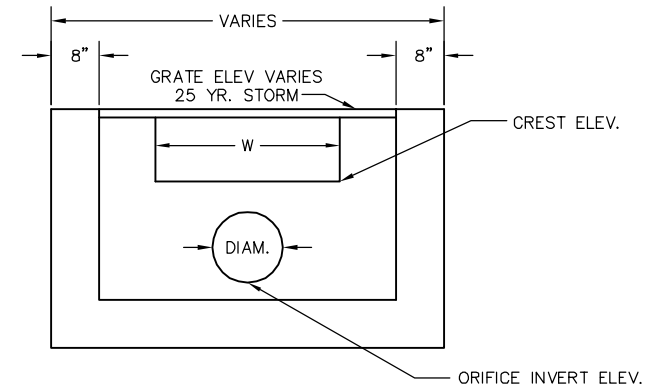
6' ALUMINUM BRACE DETAIL
NTS



ISOMETRIC VIEW ALUMINUM WEIR
BASIN I CONTROL STRUCTURE S-40 DETAIL
NTS

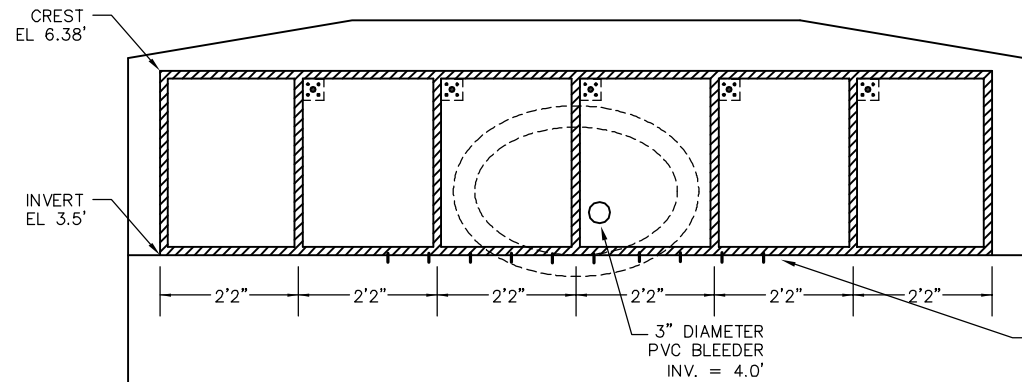
BASIN NUMBER	STRUCTURE NUMBER	INLET TYPE	GRATE ELEV	CREST ELEVATION FT. NGVD	WIDTH FT.	ORIFICE DIAMETER IN.	ORIFICE INV. ELEV. FT. NGVD	INLET INV. ELEV. FT. NGVD
6	S-513	E	7.66	6.80	3.5	4.0	4.0	2.0
7	S-624	H	9.22	7.65	6.0	3.0	5.0	4.0
8	S-704	E	7.54	6.63	4.0	3.0	5.0	4.0
9	S-745	E	7.80	6.41	4.0	4.0	5.8	3.09
10	S-809	*H MODIFIED	8.91	8.18	8.0	7.0	6.0	3.5

* NOTE: MODIFIED H INLET TO BE CONSTRUCTED OVERSIZE IN ORDER TO ACCOMMODATE 8.0' WEIR WIDTH.



TYPE E AND H INLETS TO BE CONSTRUCTED PER FDOT INDEX 232. WEIR MODIFICATION TO BE CONSTRUCTED AS SHOWN. REFER TO CHART FOR DIMENSIONS.

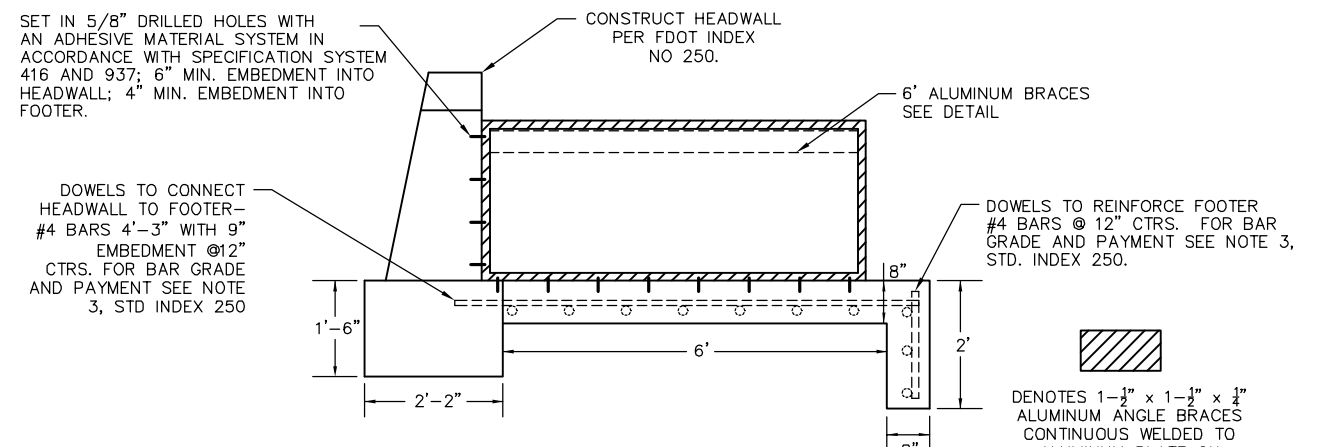
FRONT VIEW TYPE E AND H INLETS
CONTROL STRUCTURE DETAIL
NTS



FRONT VIEW ALUMINUM WEIR
BASIN I CONTROL STRUCTURE S-40 DETAIL
NTS

DENOTES 1-1/2" x 1-1/2" x 1/4" ALUMINUM ANGLE BRACES CONTINUOUS WELDED TO ALUMINUM PLATE ON BACK SIDE

1/2" GALVANIZED HEADLESS BOLTS (TYP) SET IN 5/8" DRILLED HOLES WITH AN ADHESIVE MATERIAL SYSTEM IN ACCORDANCE WITH SPECIFICATION SYSTEM 416 AND 937; 6" MIN. EMBEDMENT.



SIDE VIEW ALUMINUM WEIR
BASIN I S-40 FOOTER DETAIL
NTS

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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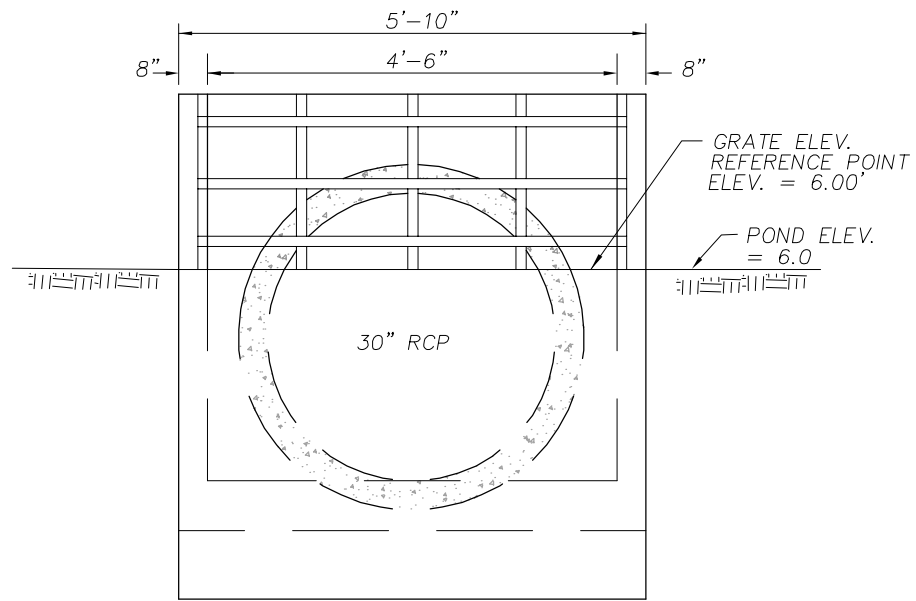
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DET-1
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: N/A
VERT SCALE: N/A
11x17 PLOT
HORIZ SCALE: N/A
VERT SCALE: N/A

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-DRNDET

TITLE: SUMMERLIN ROAD
DRAINAGE DETAILS

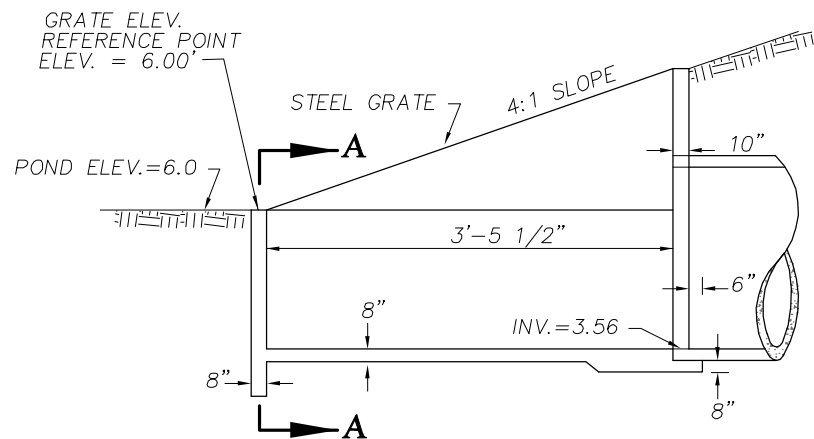
SHEET 81
OF 147
FILE NO. 7508



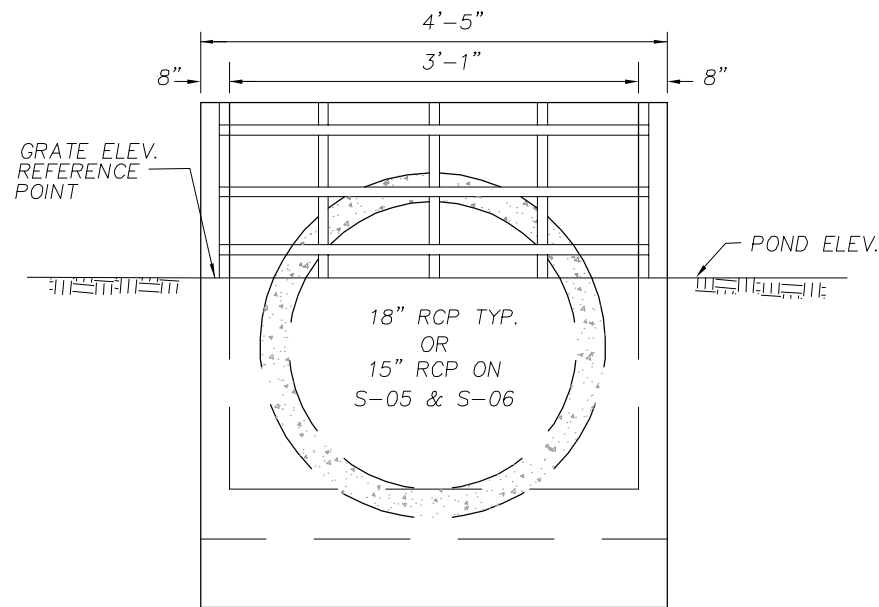
SECTION A-A

STRUCTURE	INV. EL	POND EL	GRATE ELEV	SLOPE
S-507	2.74	5.0	5.0	4.0:1
S-511	2.73	5.0	5.0	4.0:1
S-601	4.00	6.0	6.0	4.0:1
S-605	3.25	6.0	6.0	4.0:1
S-720	3.90	5.8	5.8	4.0:1
S-728	3.90	5.8	5.8	4.0:1
S-730	4.00	5.8	5.8	4.0:1
S-740	3.90	5.8	5.8	4.0:1
S-05	5.20	6.46 (DITCH)	6.46	3.0:1
S-06	5.20	6.56 (DITCH)	6.56	3.0:1

MODIFIED U-TYPE ENDWALL
- WALL & SLAB REINFORCEMENT
PER FDOT STD. INDEX #261

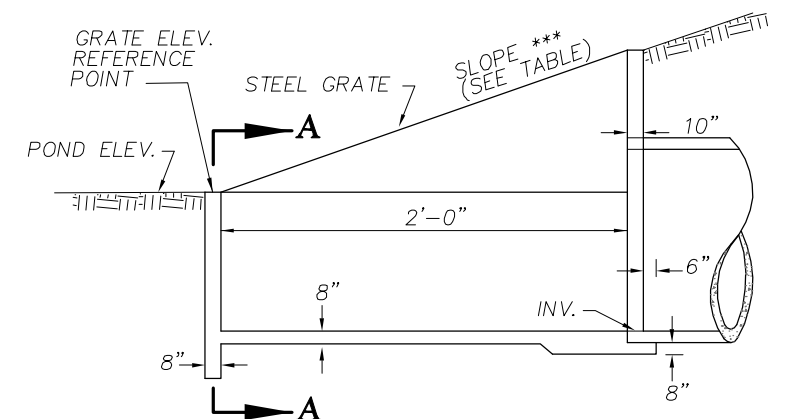


S-623 - DITCH BOTTOM INLET TYPE E MODIFIED DETAIL
NTS



SECTION A-A

MODIFIED U-TYPE ENDWALL
- WALL & SLAB REINFORCEMENT
PER FDOT STD. INDEX #261



DITCH BOTTOM INLET TYPE C MODIFIED DETAIL
NTS

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DET-2
CTB NAME: 8000-ROAD

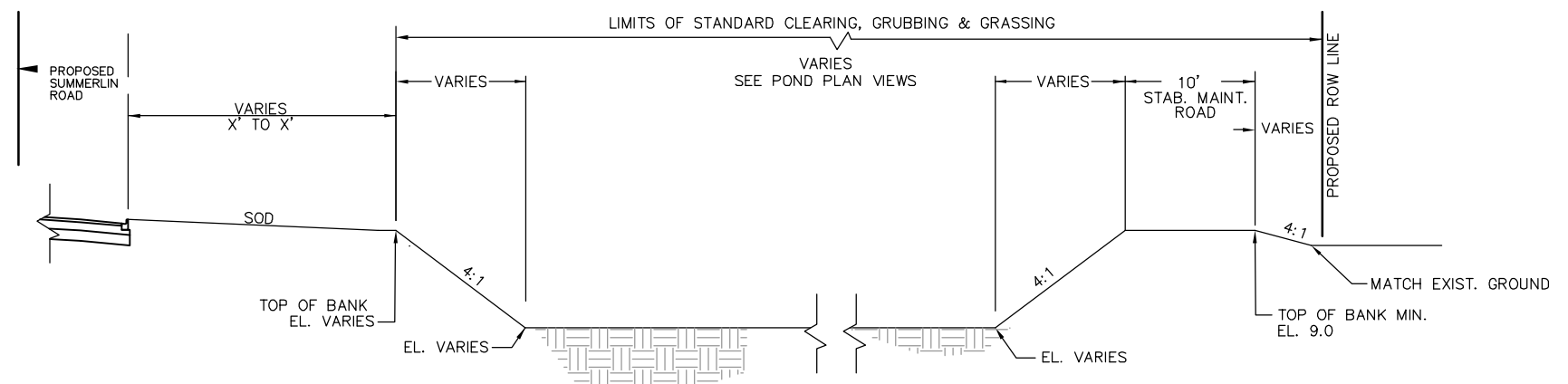
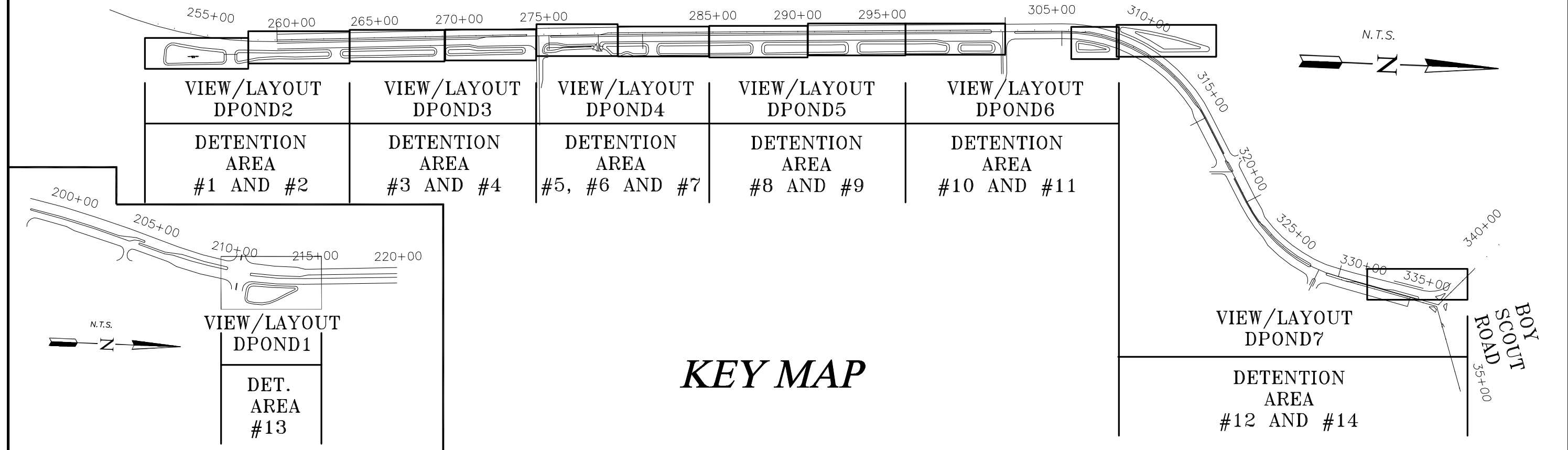
DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: N/A
VERT SCALE: N/A
11x17 PLOT
HORIZ SCALE: N/A
VERT SCALE: N/A

PLAN STAGE
100%
ABB PROJECT NO.
7993
ACAD DWG:
7508-DRNDET

TITLE:
SUMMERLIN ROAD
DRAINAGE DETAILS

SHEET **82**
OF **147**
FILE NO. **7508**

SUMMERLIN ROAD



NOTE: 1. SEE POND PLAN VIEWS FOR TOB & BOTTOM ELEVATIONS.
2. 10' STAB. MAINT. ROAD ONLY APPLIES TO PONDS 1-10

TYPICAL DETENTION AREA SECTION
NTS

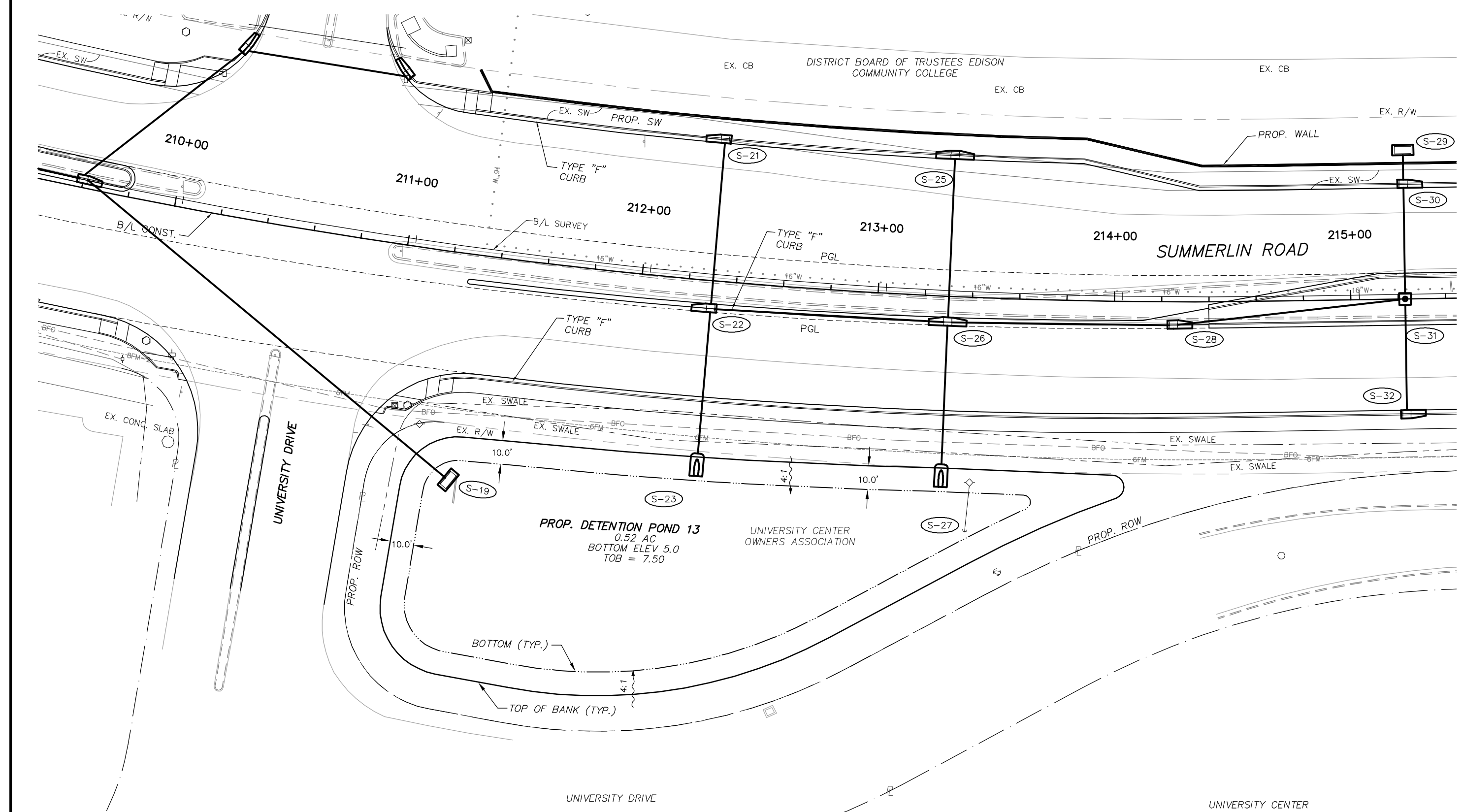
DETENTION POND NOTES

- EXCEPT AS OTHERWISE INDICATED IN THESE PLANS, THE CONTRACTOR SHALL MEET ALL REQUIREMENTS OF THE FOLLOWING DOCUMENTS:
 - LEE COUNTY LAND DEVELOPMENT CODE, LATEST REVISION.
 - FLORIDA DEPARTMENT OF TRANSPORTATION DRAINAGE MANUAL, LATEST EDITION
 - SOUTH FLORIDA WATER MANAGEMENT DISTRICT BASIS OF REVIEW FOR ENVIRONMENTAL RESOURCE PERMIT (ERP), LATEST REVISION.
- ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM, 1929.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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		DRAWN BY: MES	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG:	SHEET 83 OF 147 FILE NO. 7508
		REVIEWED BY: DWB	VERT SCALE: 1" = 2'	7508-POND	
		PLOT VIEW/LAYOUT: DET KEY	11x17 PLOT		
		CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'		
			VERT SCALE: 1" = 4'		

SCALE: 1" = 40'



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

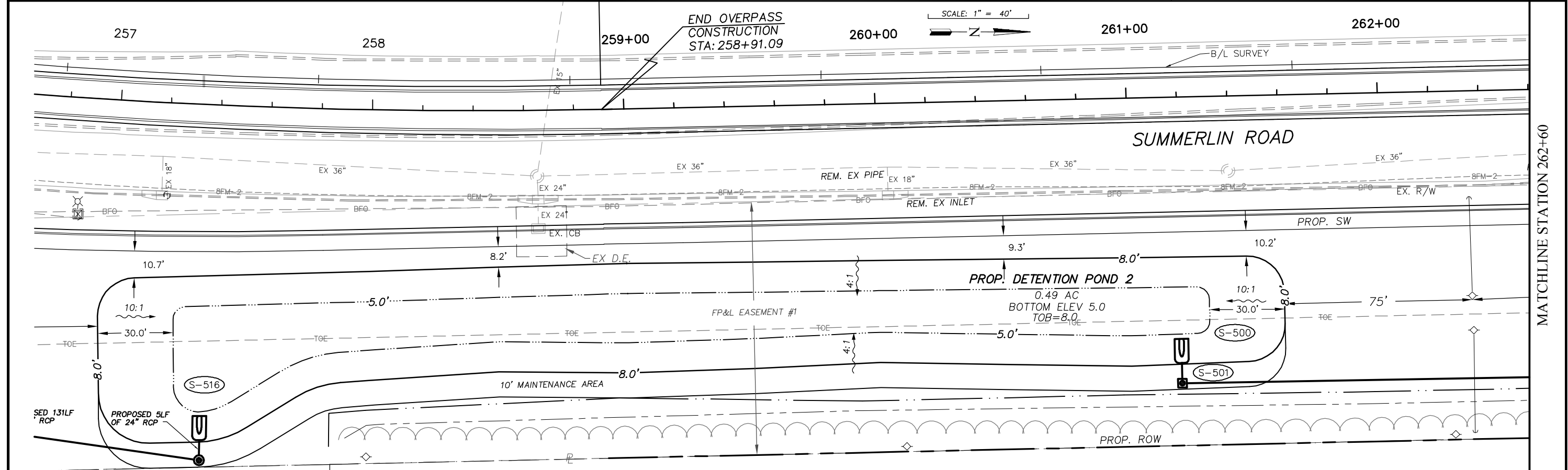
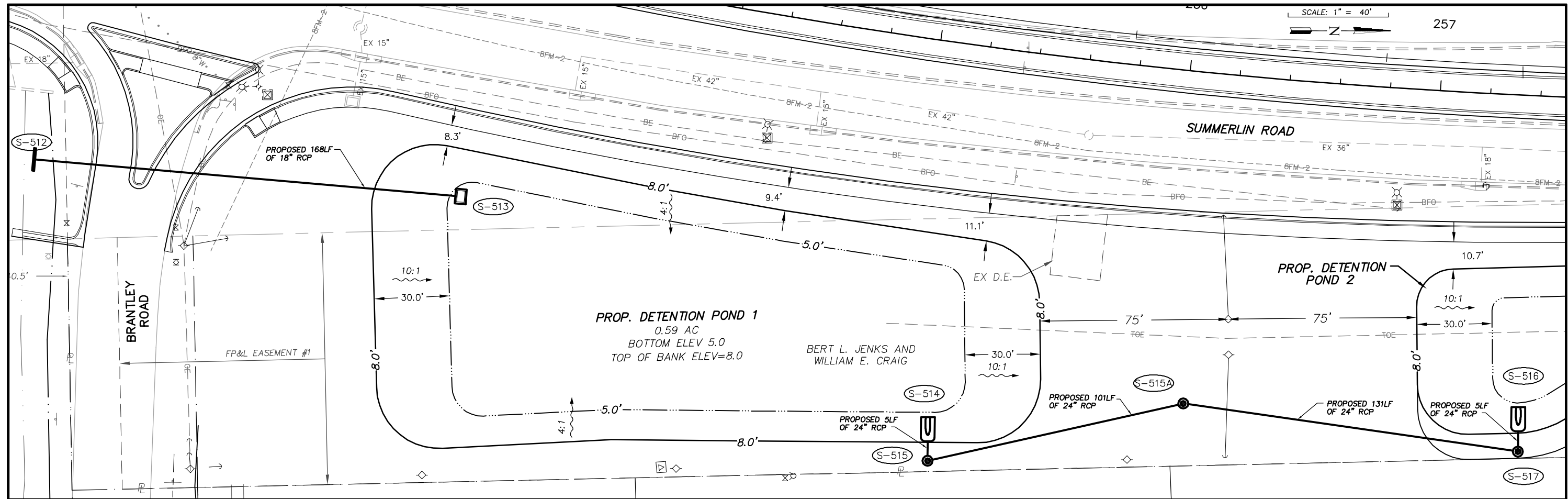
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DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: MES	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-POND
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: DPOND1	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

TITLE: **SUMMERLIN ROAD
DETENTION POND LAYOUT
DETENTION POND # 13**

SHEET **84**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(239) 597-3111

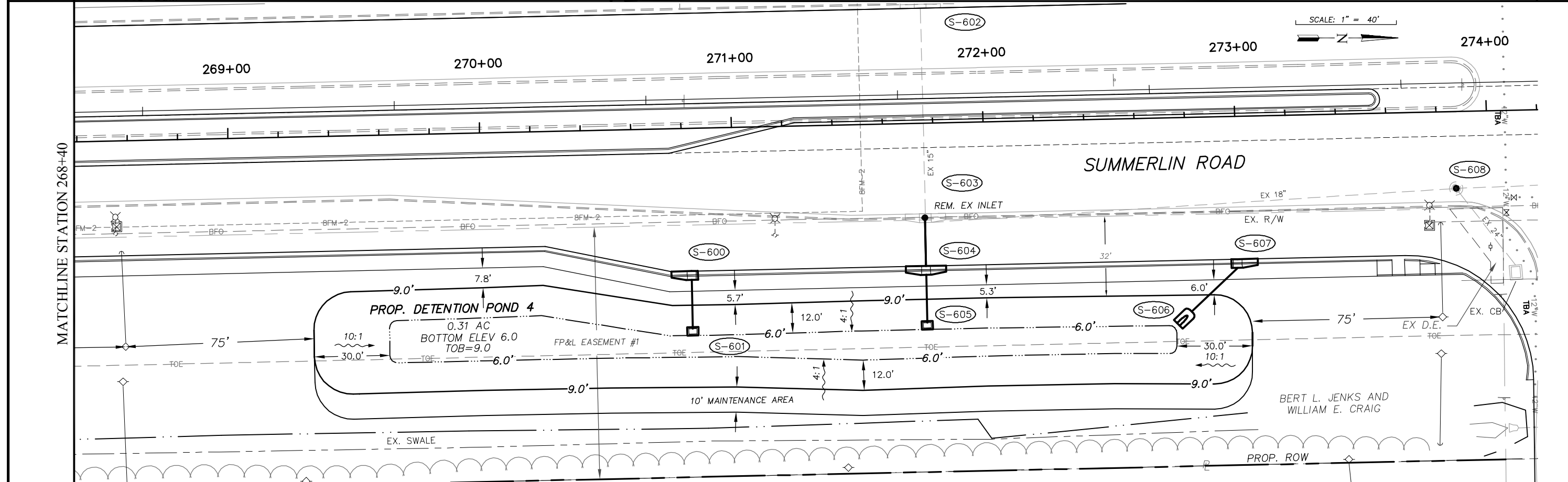
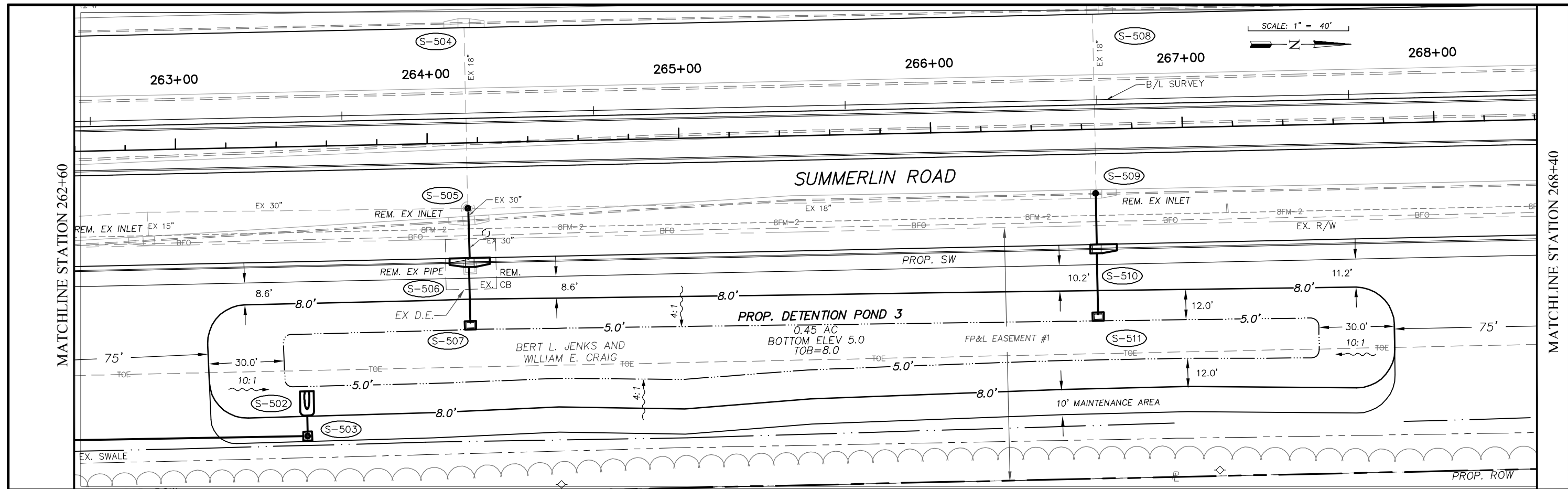
DESIGNED BY: EFT
DRAWN BY: MES
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DPOND2
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11x17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-POND

TITLE: **SUMMERLIN ROAD
DETENTION POND LAYOUT
DETENTION POND #1 &
DETENTION POND #2**

SHEET **85**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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Collier County: Suite 200, 7400 Tamiami Trail, North Naples, FL 34108
(239) 597-3111

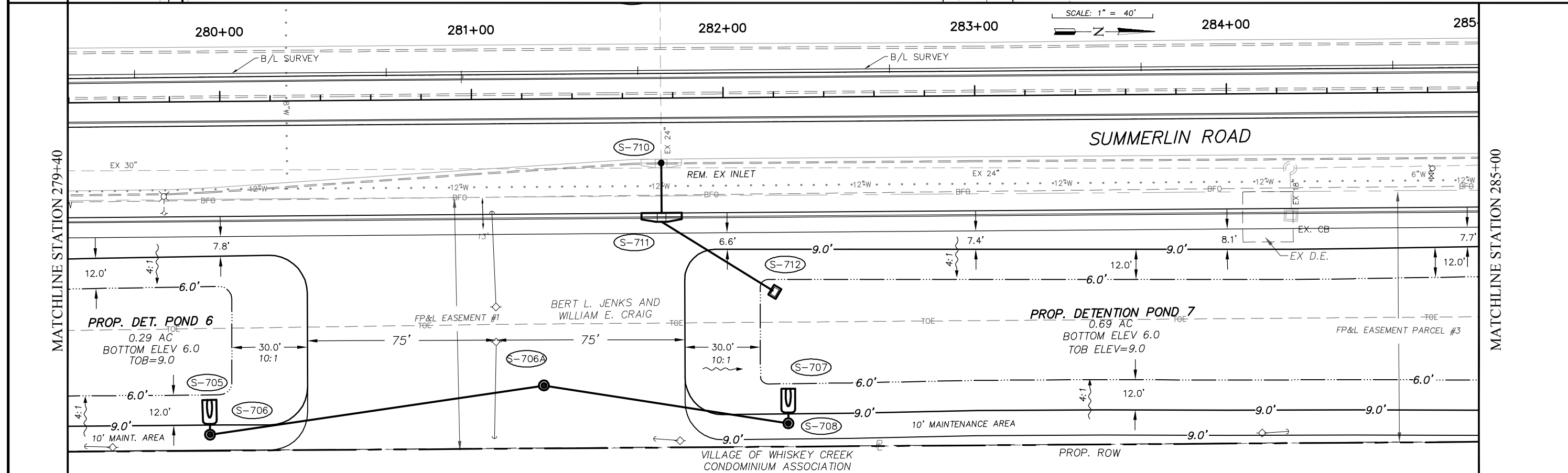
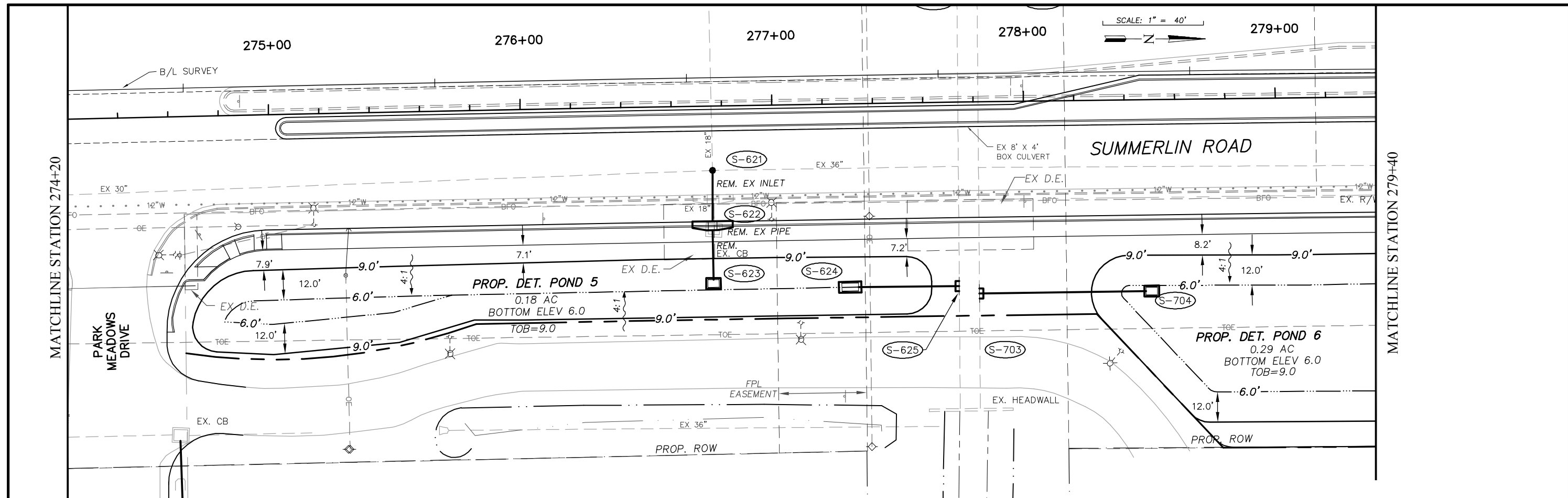
DESIGNED BY: EFT
DRAWN BY: MES
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DPOND3
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11x17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-POND

TITLE: **SUMMERLIN ROAD
DETENTION POND LAYOUT
DETENTION POND # 3 &
DETENTION POND # 4**

SHEET **86**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

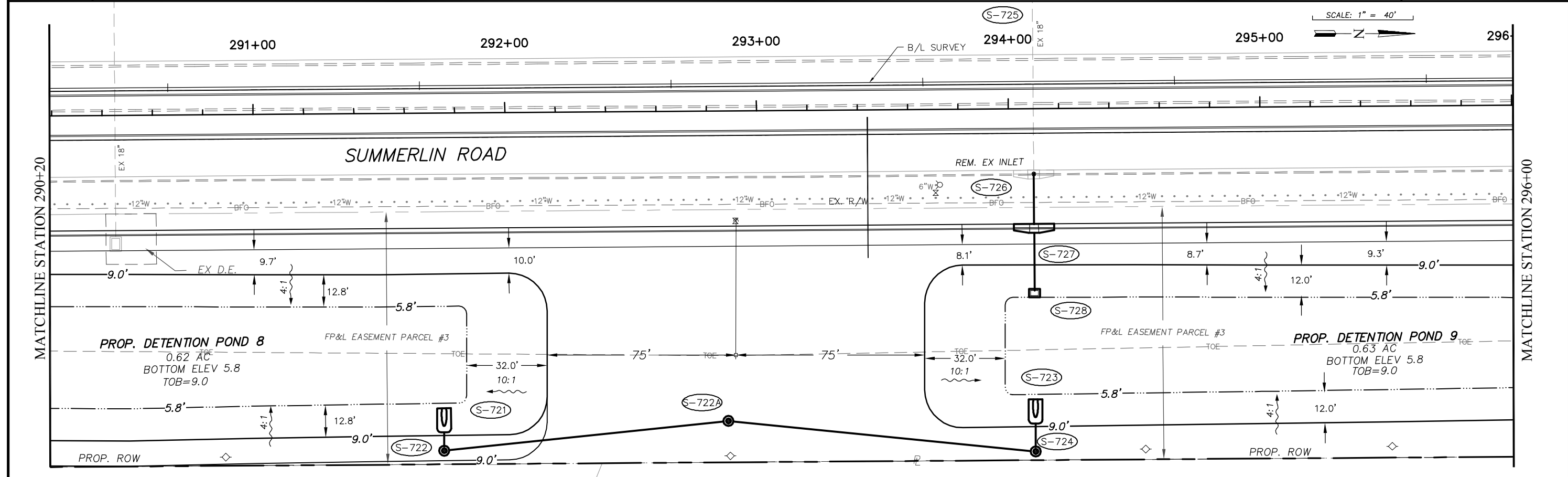
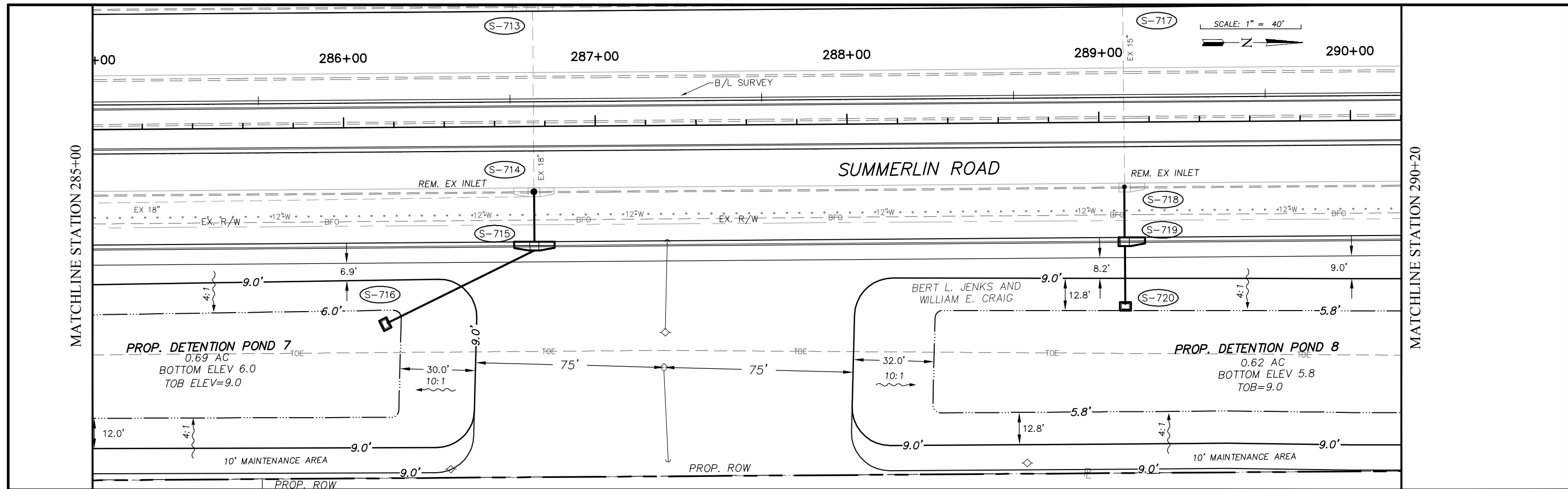
**LEE COUNTY
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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: MES	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-POND
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: DPOND4	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

**TITLE: SUMMERLIN ROAD
DETENTION POND LAYOUT
DETENTION POND # 5, #6 &
DETENTION POND # 7**

SHEET **87**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

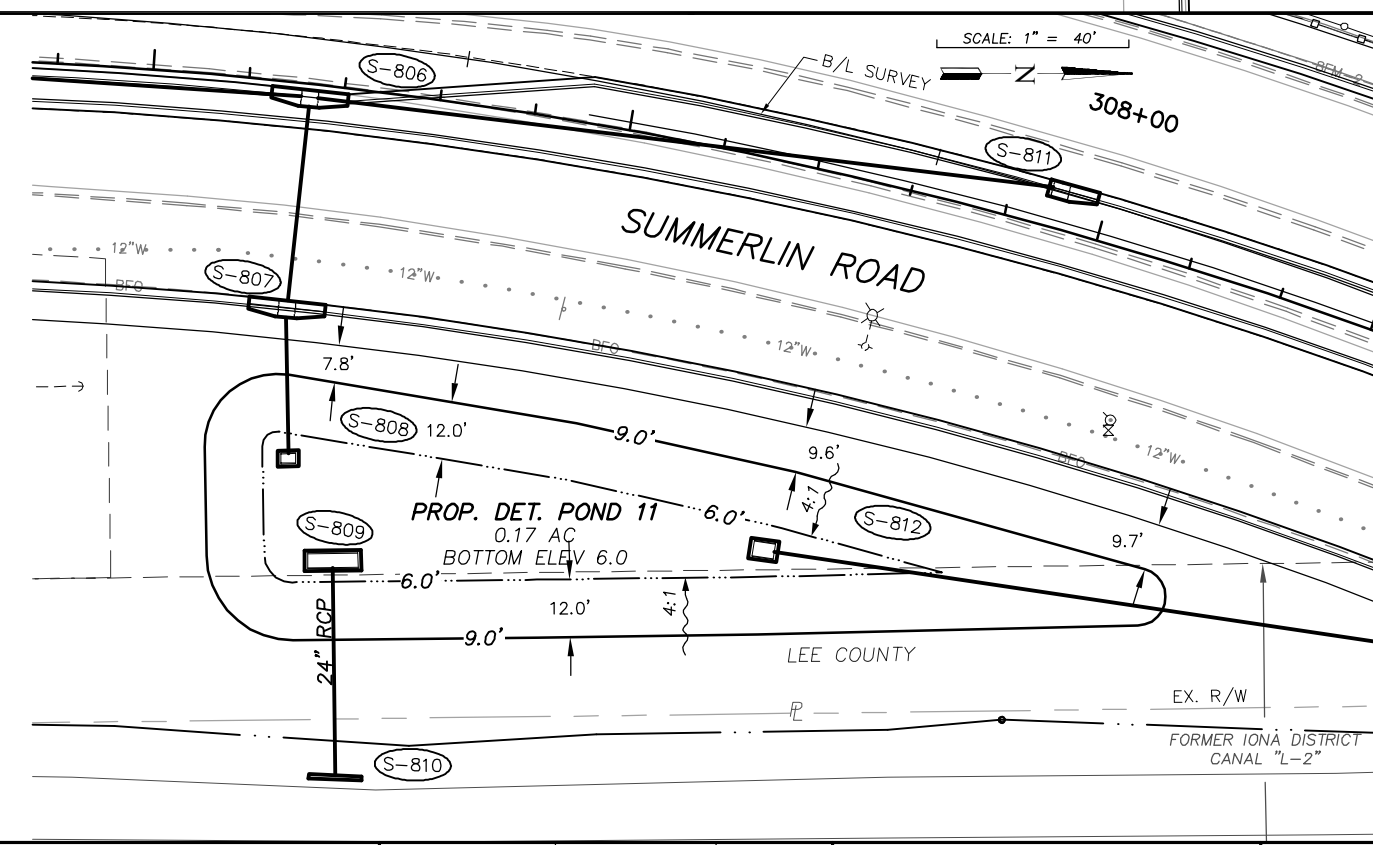
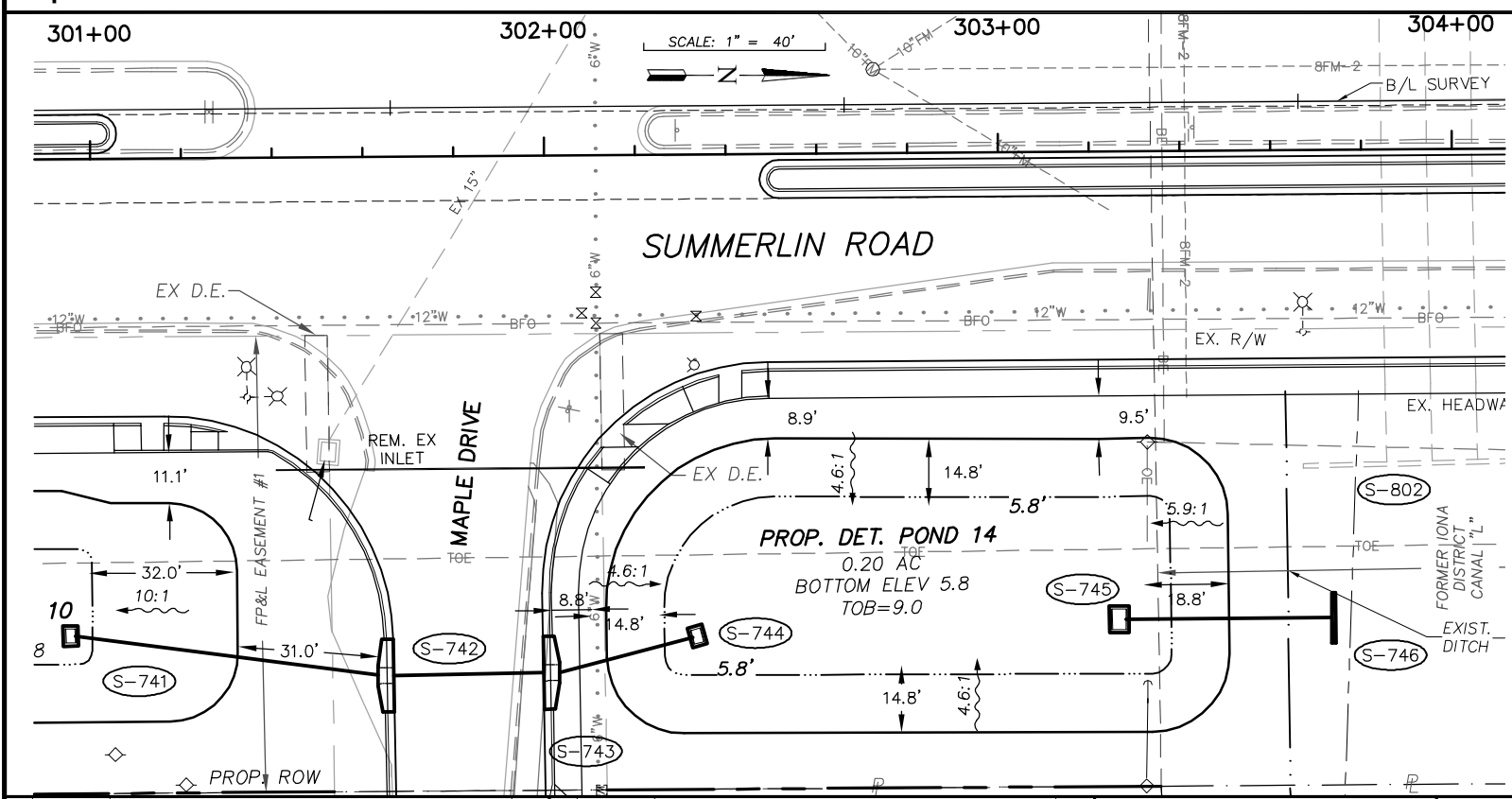
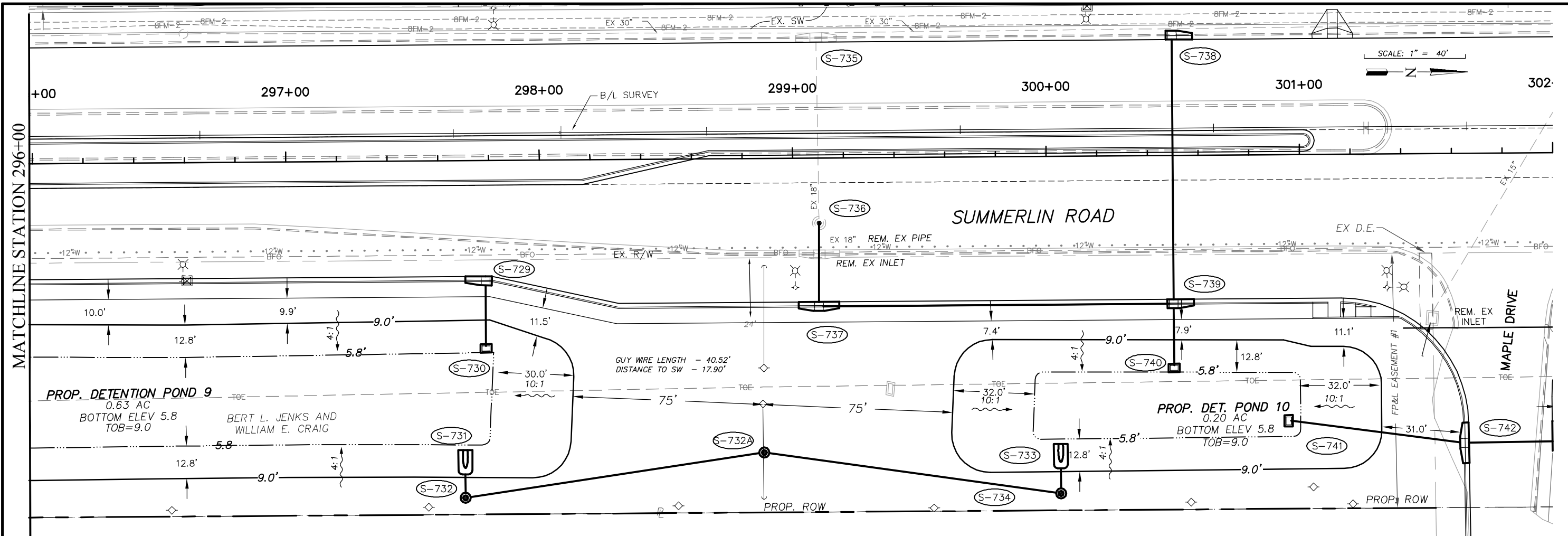
LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: MES	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-POND
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: DPOND5	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 40'	
	VERT SCALE: 1" = 4'	

TITLE: **SUMMERLIN ROAD**
DETENTION POND LAYOUT
DETENTION POND #7, #8 &
DETENTION POND #9

SHEET **88**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(239) 597-3111

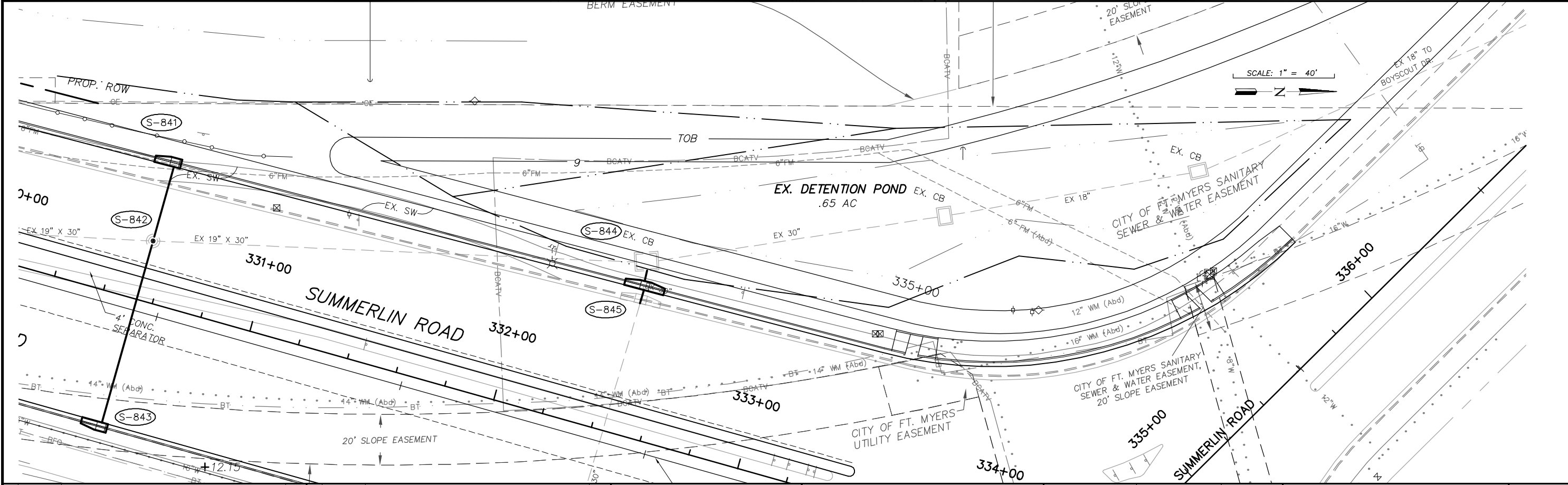
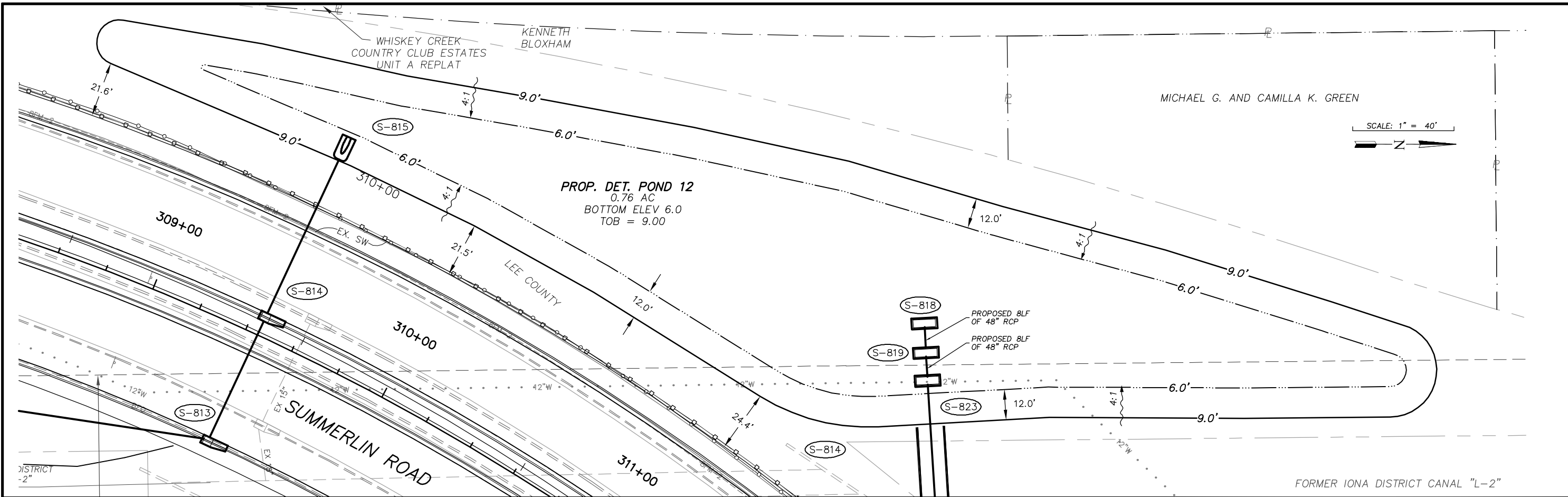
DESIGNED BY: EFT
DRAWN BY: MES
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: DPOND6
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'
11x17 PLOT
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-POND

TITLE: **SUMMERLIN ROAD**
DETENTION POND LAYOUT
DETENTION POND #9 & 10
DETENTION POND #11 & #14

SHEET **89**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

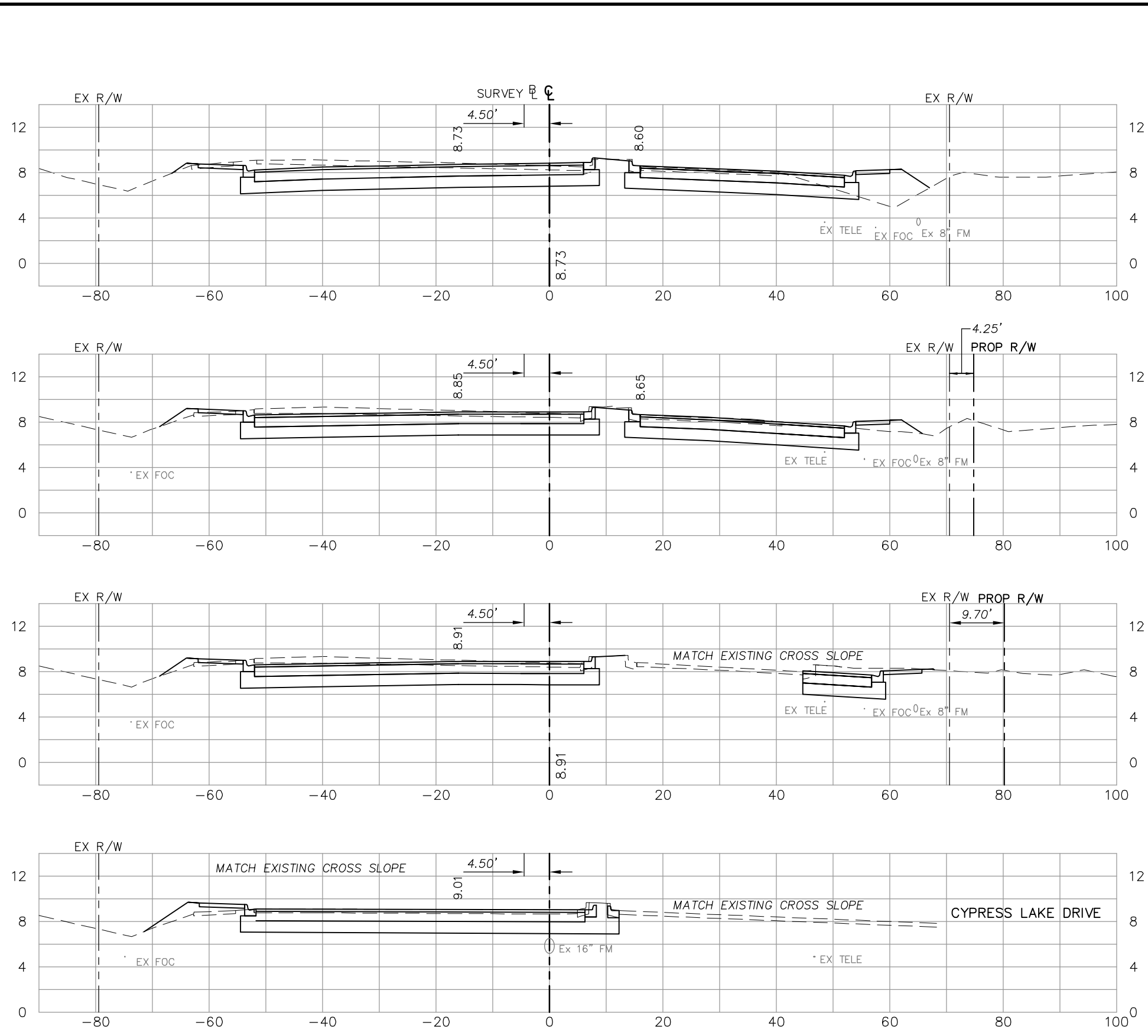
LEE COUNTY
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BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: MES	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 20'	ACAD DWG: 7508-POND
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: DPOND7	HORIZ SCALE: 1" = 40'	
CTB NAME: 8000-ROAD	VERT SCALE: 1" = 4'	

TITLE: **SUMMERLIN ROAD
DETENTION POND LAYOUT
DETENTION POND # 12 &
DETENTION POND # 14**

SHEET **90**
OF **147**
FILE NO. **7508**



198+50

198+21.56

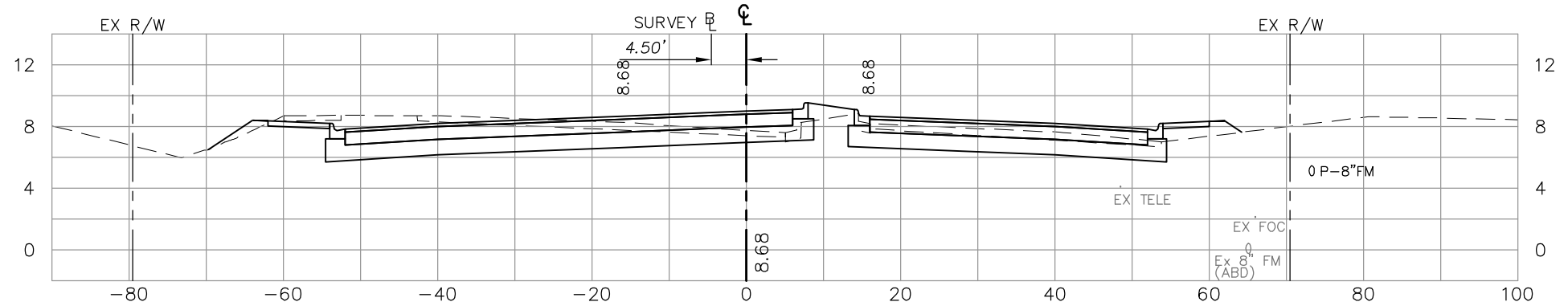
198+00

197+72.47

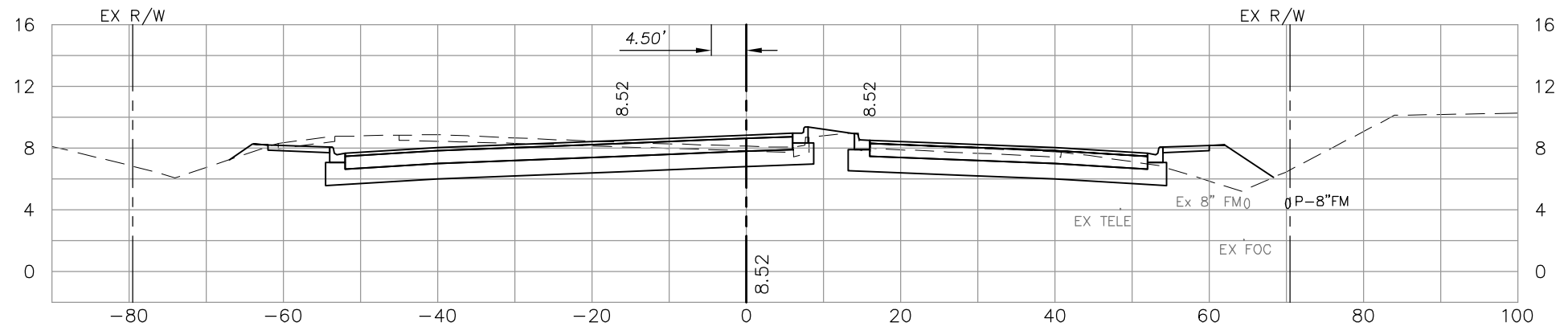
Regular Exc.		Embankment	
A	V	A	V
119		32	
	126		22
121		10	
	94		6
115		2	
	93		6
67		9	

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

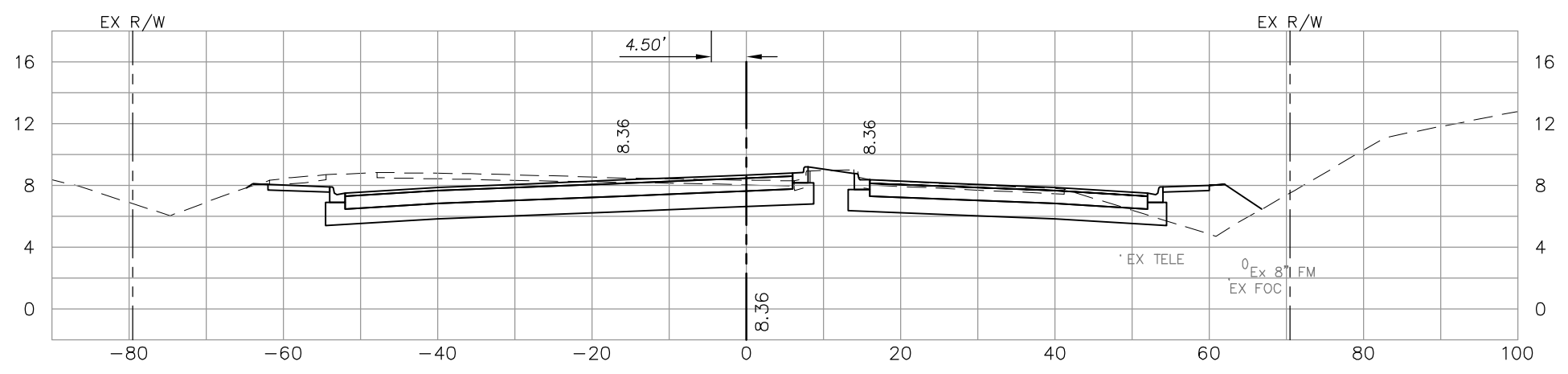
LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: XS-1 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC	TITLE: SUMMERLIN ROAD CROSS SECTIONS STA 197+54.10 TO 198+50	SHEET 92 OF 147 FILE NO. 7508
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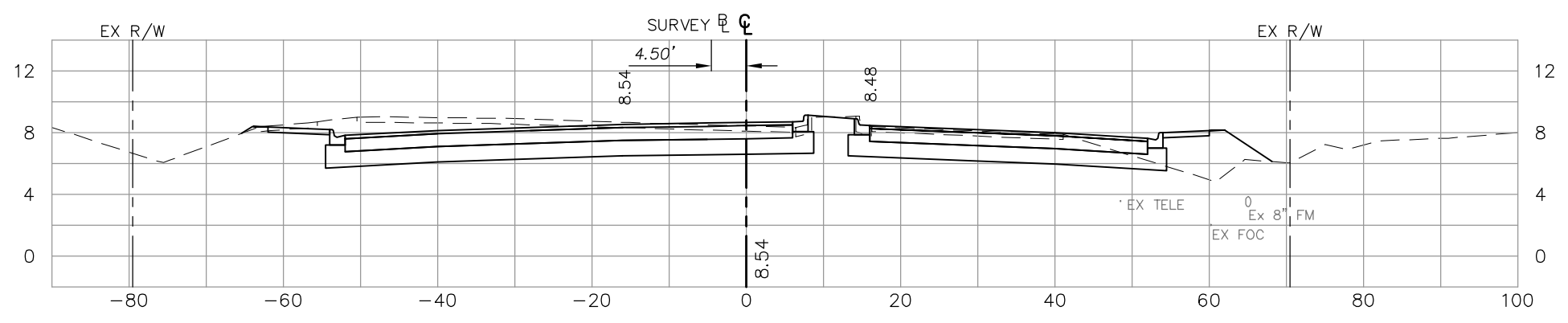
200+50



200+00



199+50



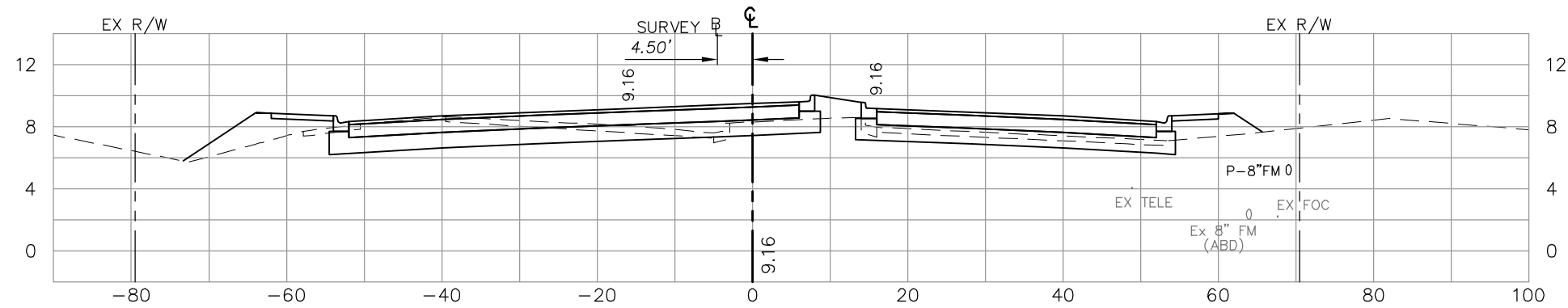
199+00

Regular Exc.		Embankment	
A	V	A	V
78		18	
	172		42
108		27	
	217		54
126		31	
	231		57
123		31	
	224		58

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

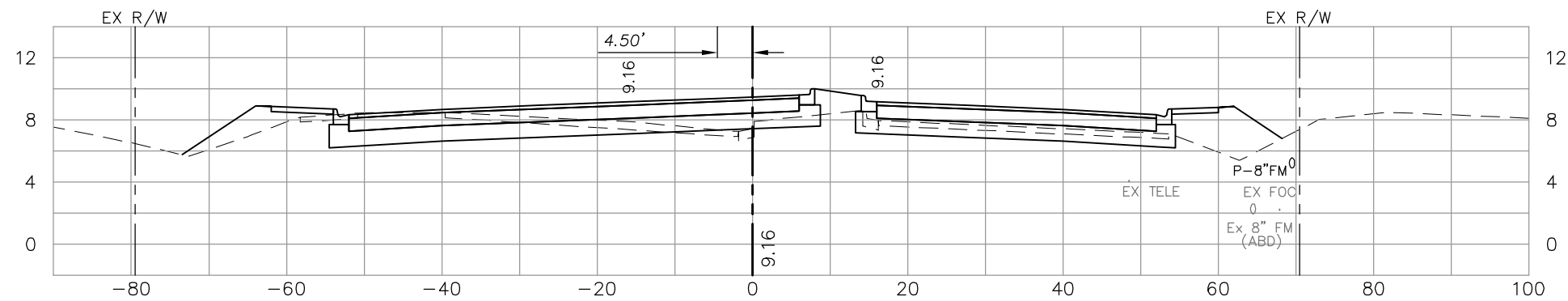
LEE COUNTY DEPT. OF TRANSPORTATION		DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: VIEW CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC	TITLE: SUMMERLIN ROAD CROSS SECTIONS STA. 199+00 TO 200+50	SHEET 93 OF 147 FILE NO. 7508
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Regular Exc.		Embankment	
A	V	A	V



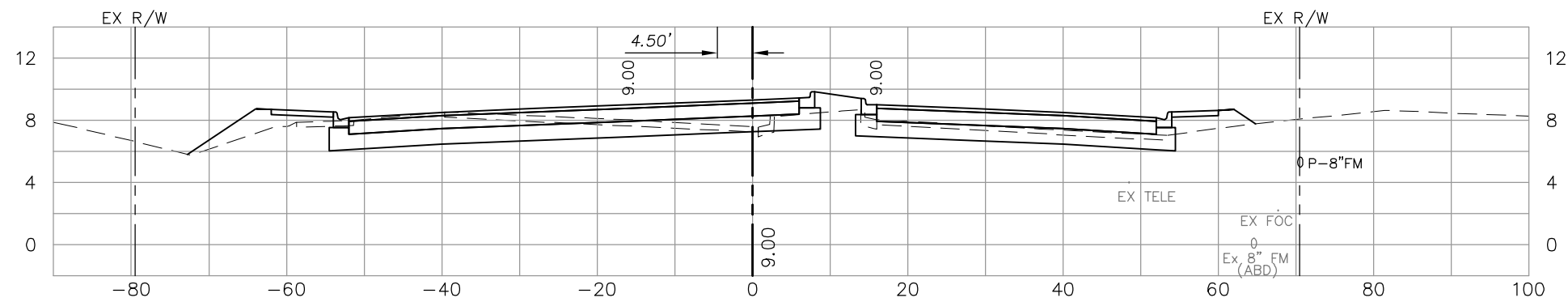
202+50

22 59



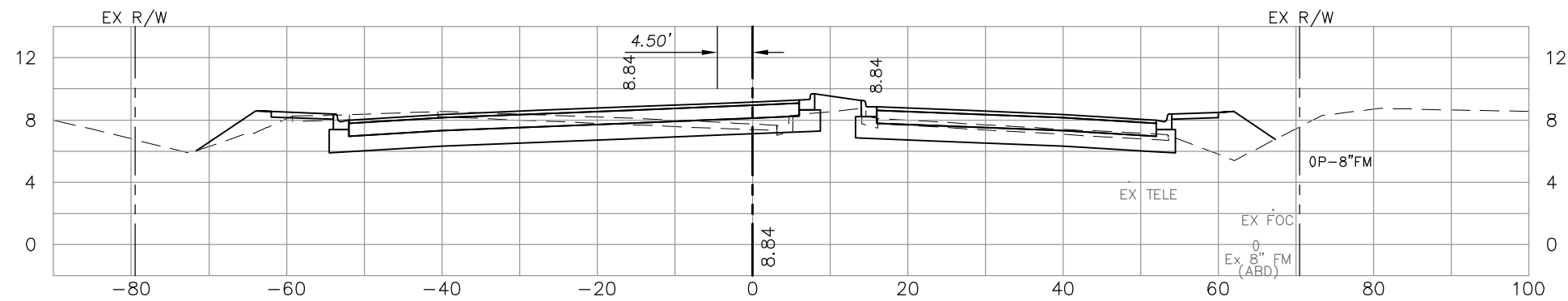
202+00

41 126
22 77



201+50

45 108
27 40

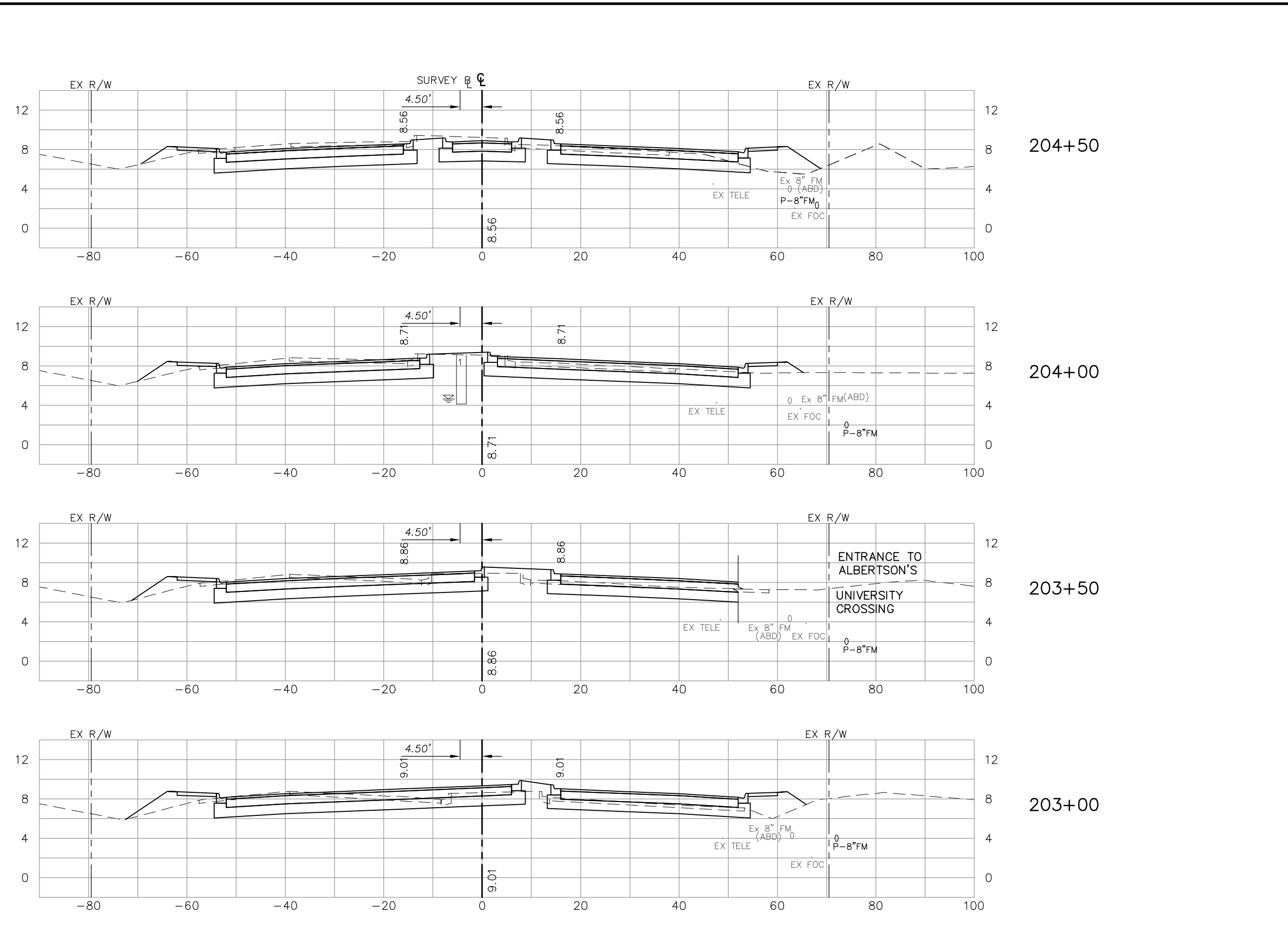


201+00

68 77
46 43
115 57

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: XS-3 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC	TITLE: SUMMERLIN ROAD CROSS SECTIONS STA 201+00 TO 202+50	SHEET 94 OF 147 FILE NO. 7508
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	Regular Exc.		Embankment	
	A	V	A	V
204+50	103		38	
204+00	81	170	18	52
203+50	63	133	25	40
203+00	39	94	45	65
		56		96

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

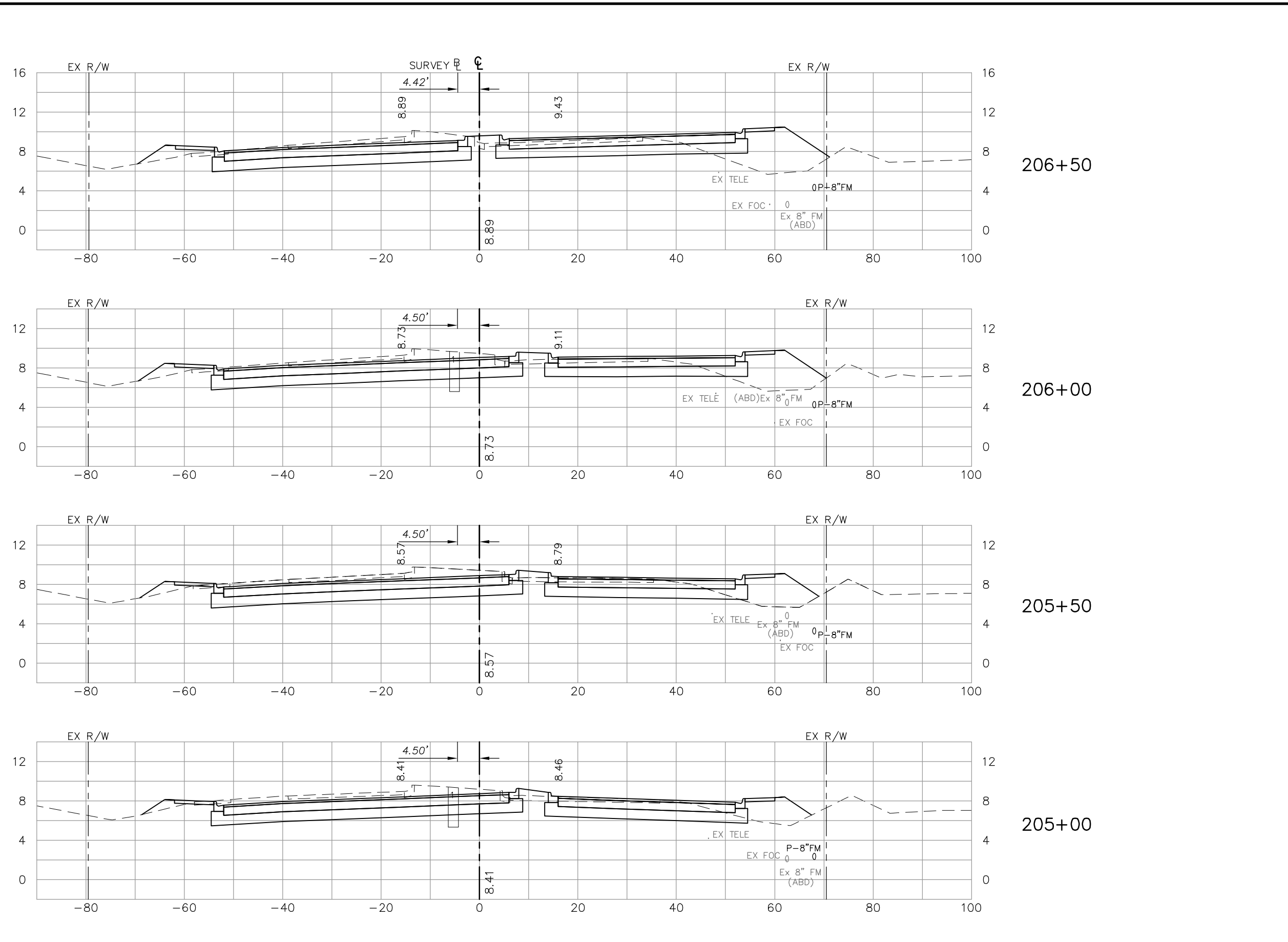
**LEE COUNTY
DEPT. OF TRANSPORTATION**

**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-4	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STA 203+00 TO 204+50**

SHEET **95**
OF **147**
FILE NO. **7508**



Regular Exc.		Embankment	
A	V	A	V
96	87		
	189		145
108	70		
	210		113
119	52		
	230		81
129	36		
	215		69

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

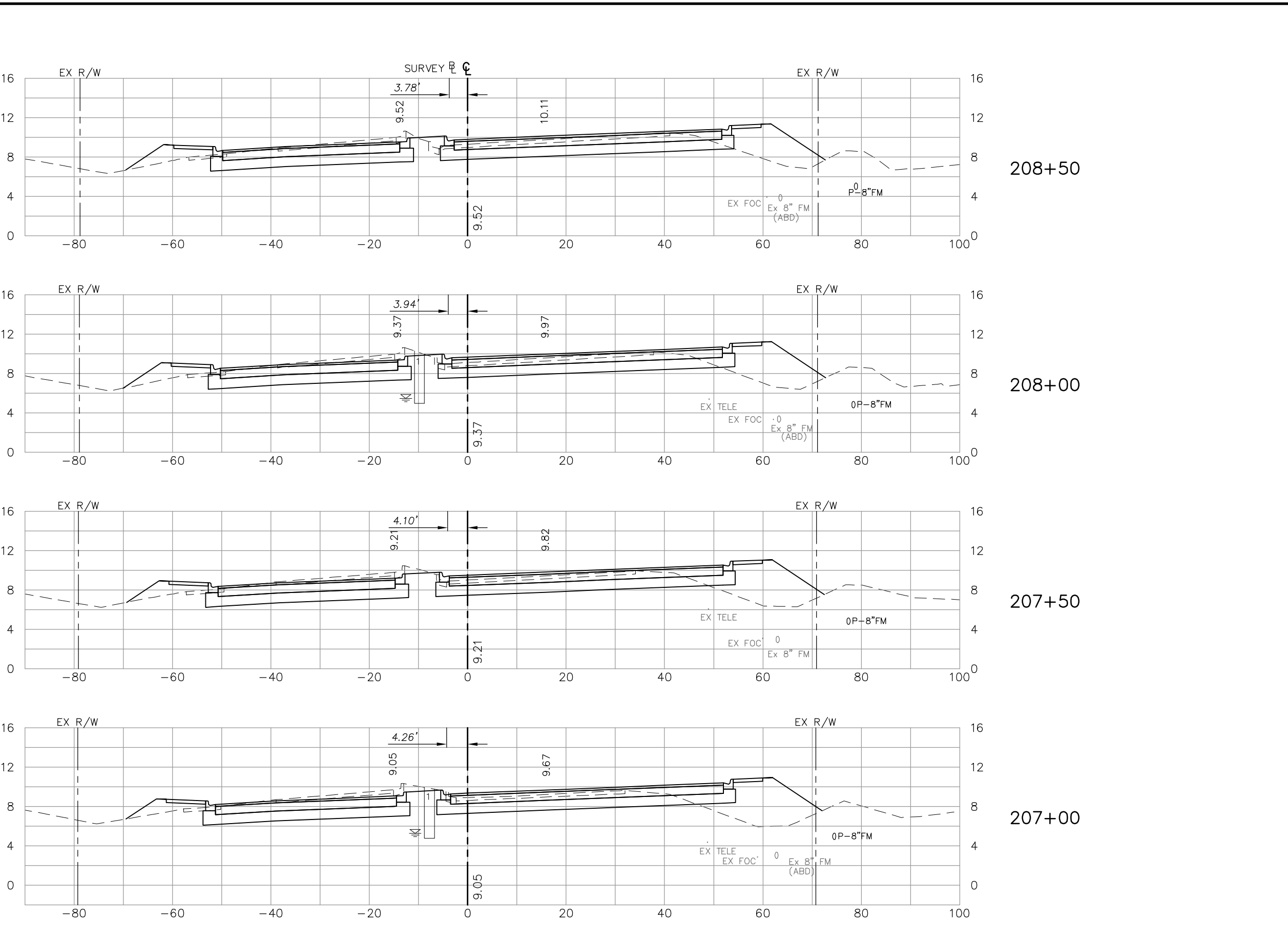
**LEE COUNTY
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**AGNOLI
BARBER &
BRUNDAGE, INC.**
 Professional engineers, planners, & land surveyors
 Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
 (239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC
PLOT VIEW/LAYOUT: XS-5	HORIZ SCALE: 1" = 20'	
CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'	

**TITLE: SUMMERLIN ROAD
CROSS SECTIONS
STA 205+00 TO 206+50**

SHEET **96**
 OF **147**
 FILE NO. **7508**



Regular Exc.		Embankment	
A	V	A	V
80	72		
82	81	150	142
83	85	153	154
82	91	153	163
		165	165

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

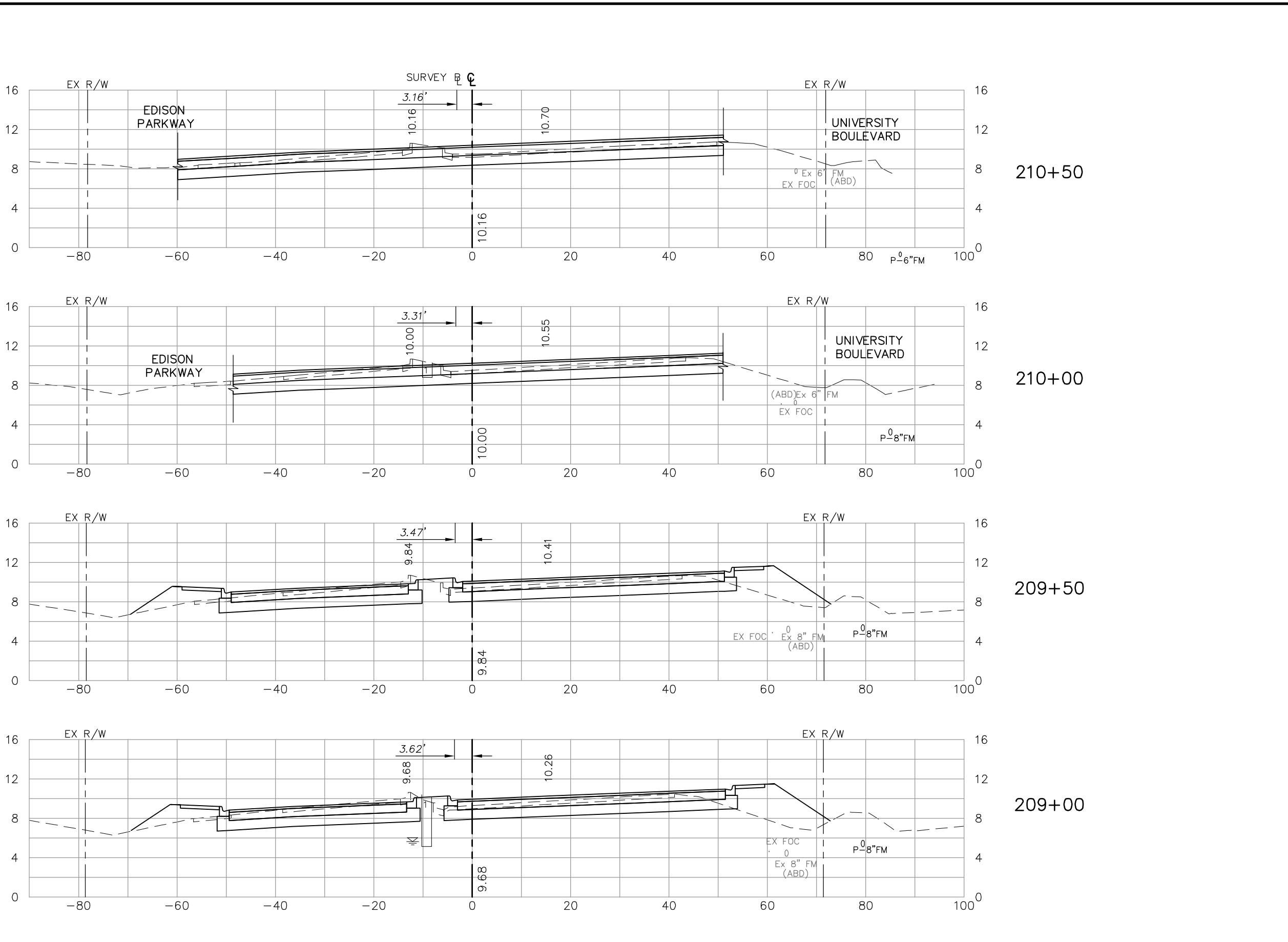
**LEE COUNTY
DEPT. OF TRANSPORTATION**

**AGNOLI
BARBER &
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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC
PLOT VIEW/LAYOUT: XS-6	HORIZ SCALE: 1" = 20'	
CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'	

**TITLE: SUMMERLIN ROAD
CROSS SECTIONS
STA 207+00 TO 208+50**

SHEET **97**
OF **147**
FILE NO. **7508**



	Regular Exc.		Embankment	
	A	V	A	V
210+50	50		0	
210+00	64	106	0	0
209+50	64	119	65	60
209+00	67	121	78	132
		136		139

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

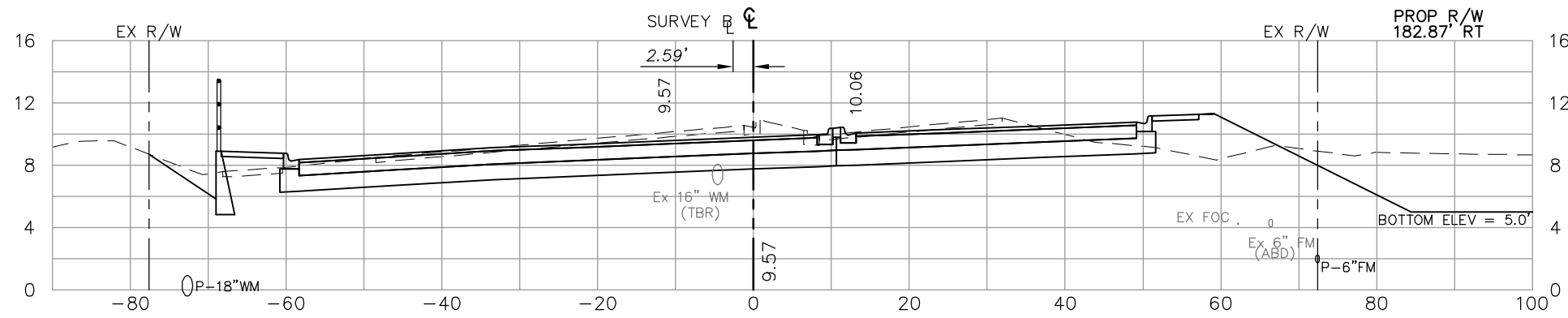
AGNOLI BARBER & BRUNDAGE, INC.
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC
PLOT VIEW/LAYOUT: XS-7	HORIZ SCALE: 1" = 20'	
CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD CROSS SECTIONS STA 209+00 TO 210+50**

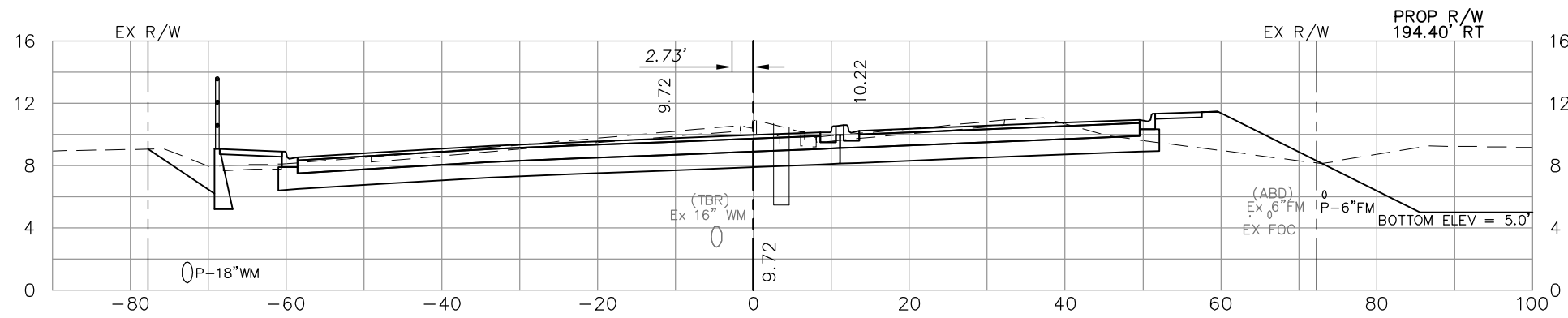
SHEET **98** OF **147**
FILE NO. 7508

Regular Exc.		Embankment	
A	V	A	V



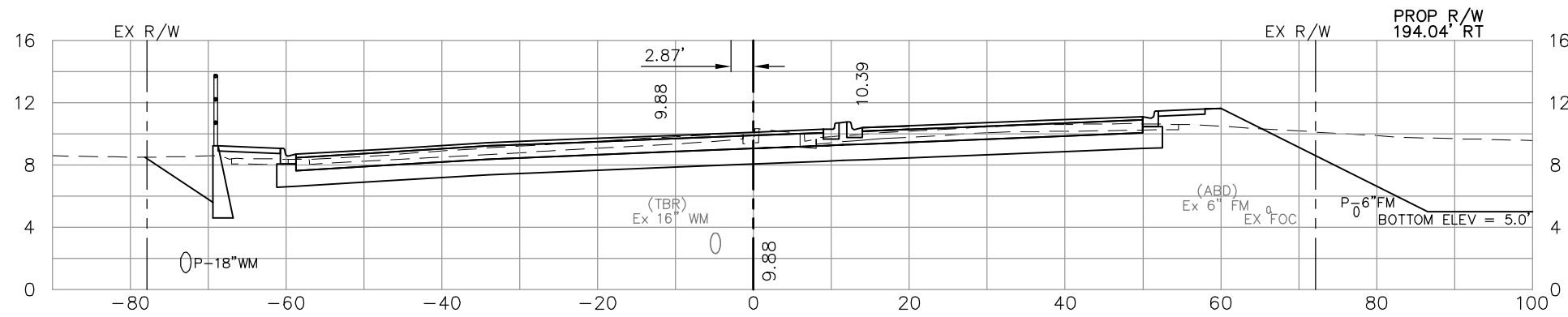
212+50

135 28



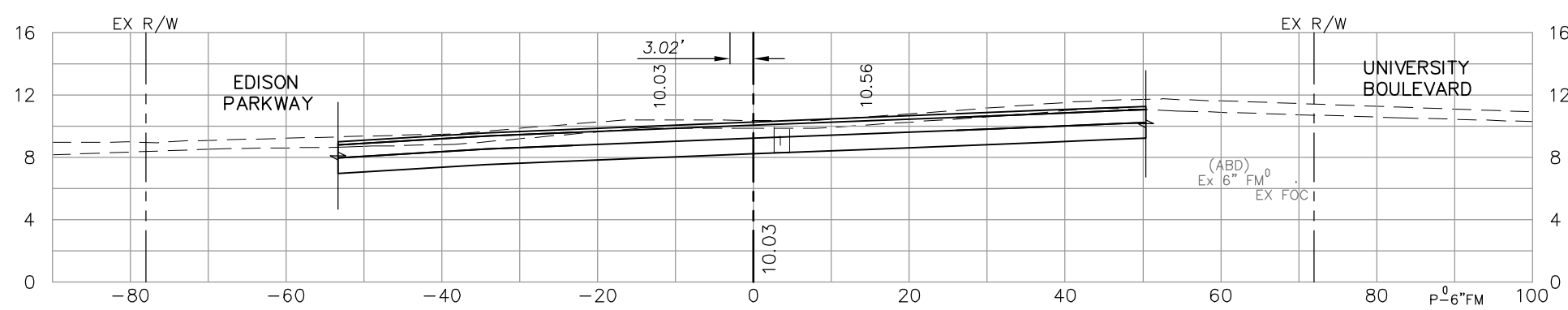
212+00

129 23



211+50

105 10



211+00

25 1

69 1

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

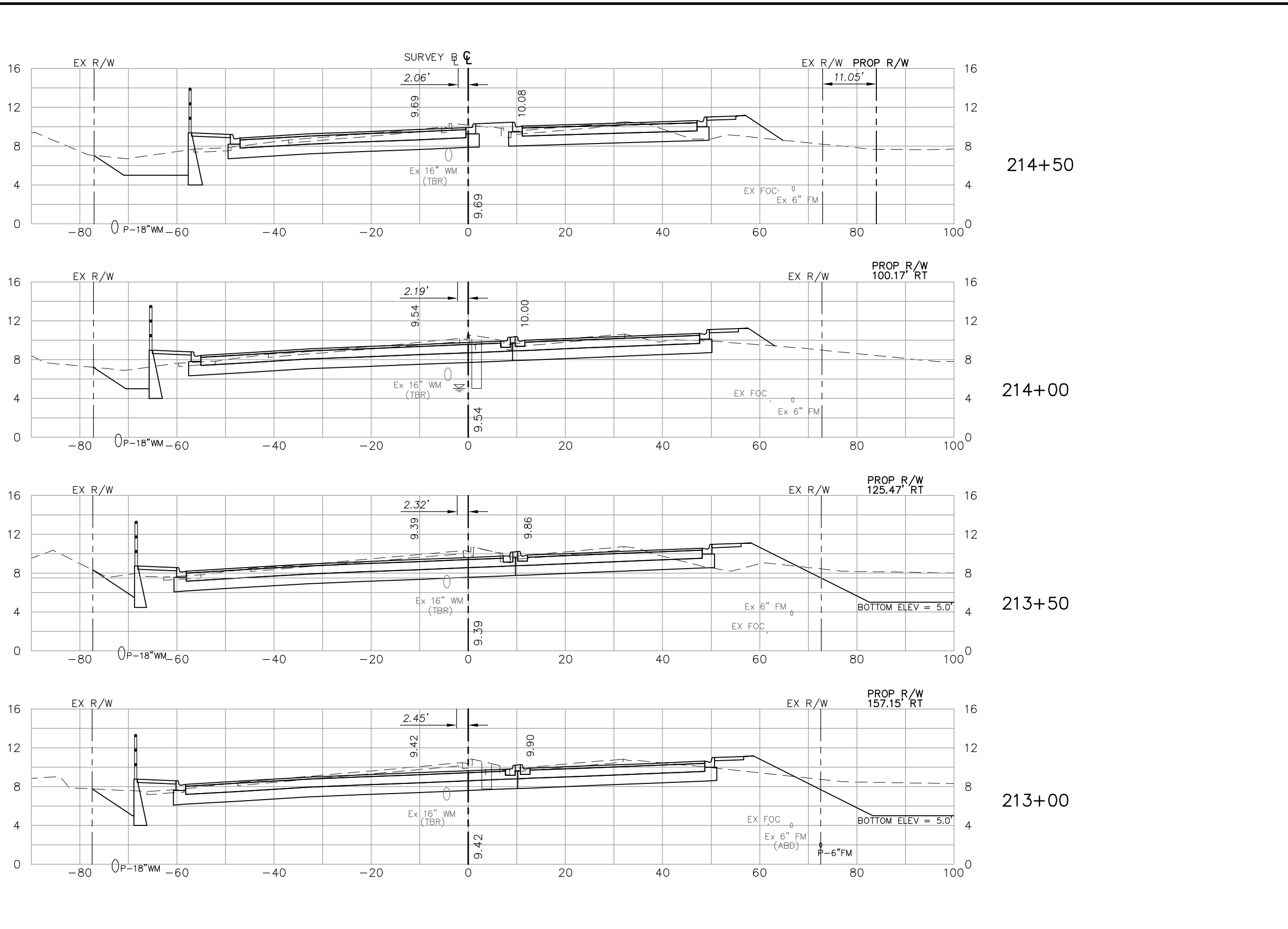
LEE COUNTY
DEPT. OF TRANSPORTATION

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BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-8	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STA 211+00 TO 212+50

SHEET **99**
OF **147**
FILE NO. **7508**



Regular Exc.		Embankment	
A	V	A	V
106		41	
118	207	23	59
133	232	30	49
154	266	16	43
268		41	

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

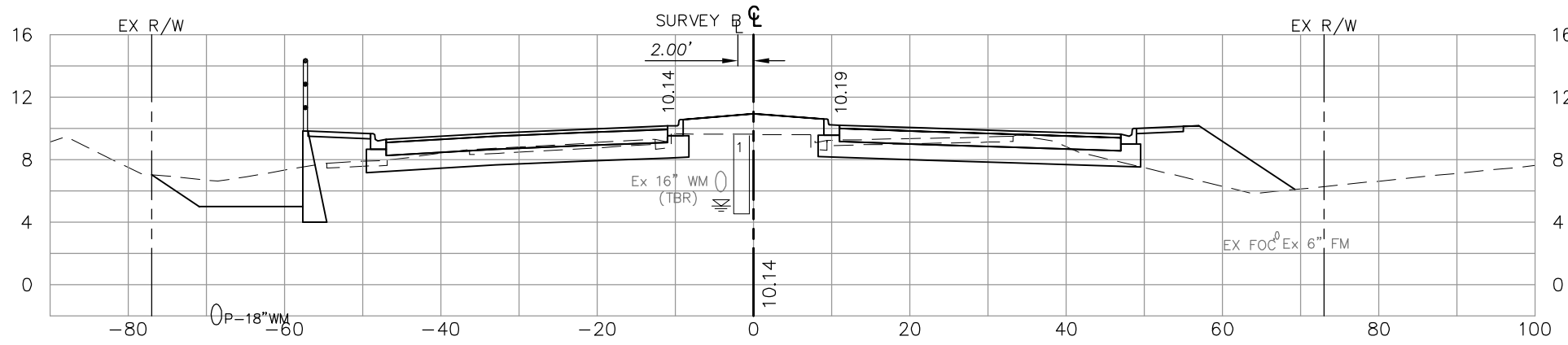
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-9	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

**TITLE: SUMMERLIN ROAD
CROSS SECTIONS
STA 213+00 TO 214+50**

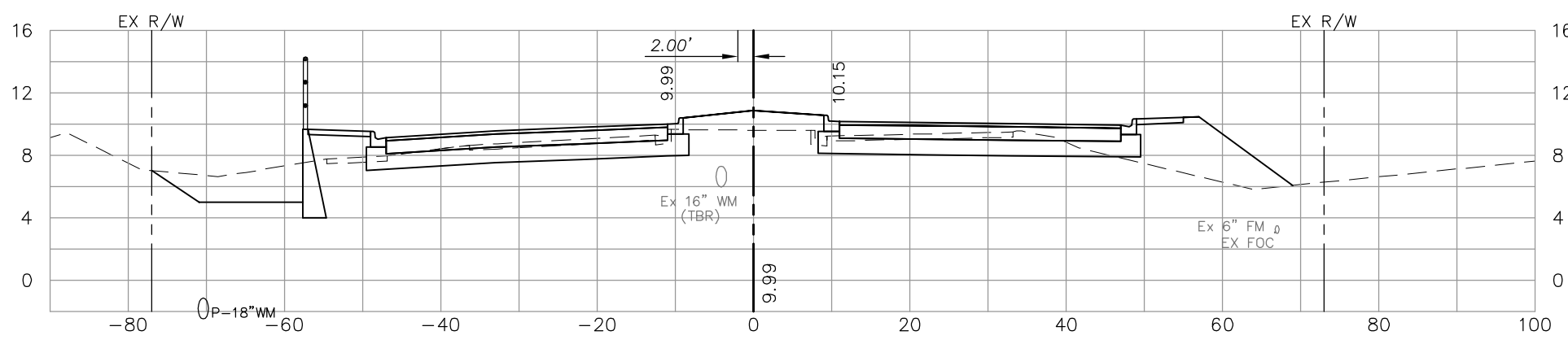
SHEET **100**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



216+00

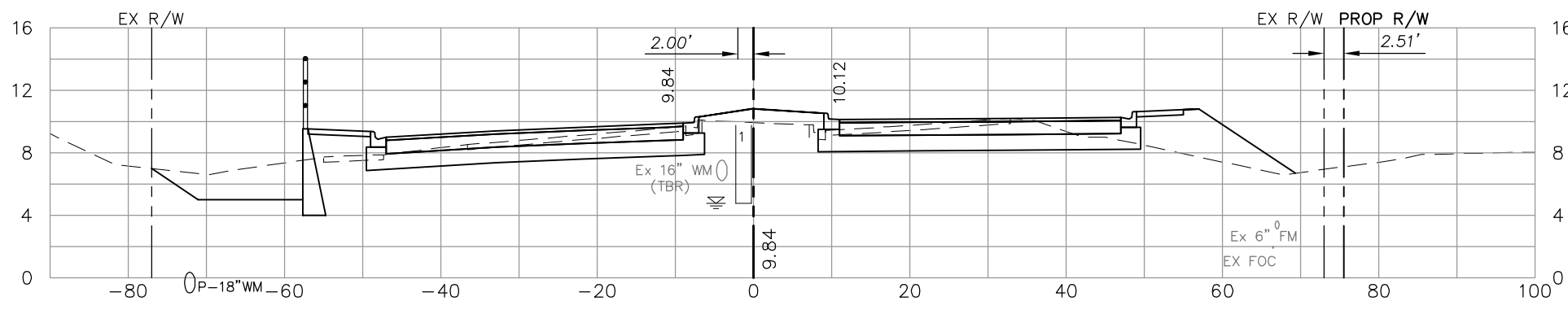
57		85	
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215+50

	107		160
--	-----	--	-----

59		88	
----	--	----	--



215+00

	127		141
--	-----	--	-----

78		64	
----	--	----	--

	170		97
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NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

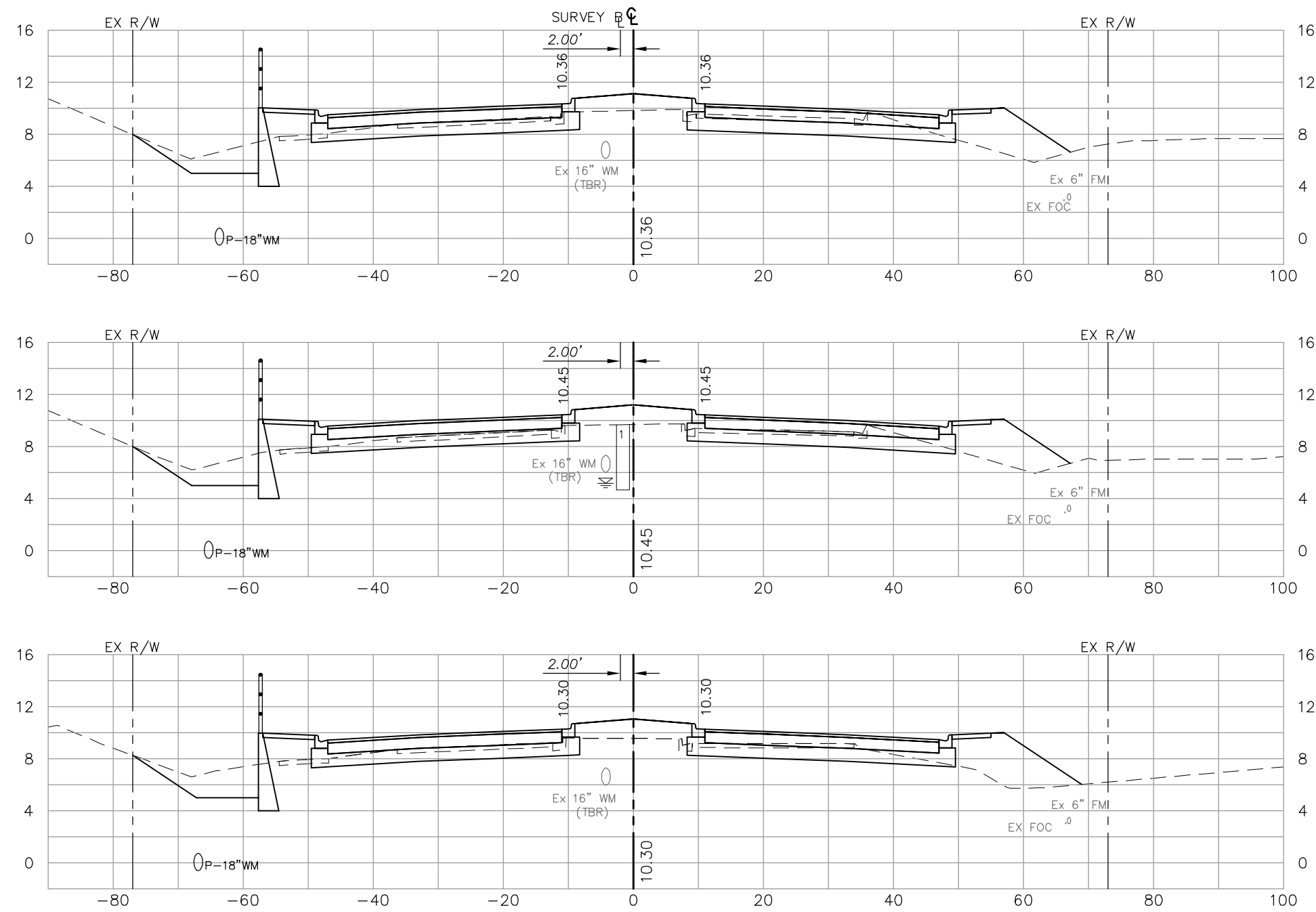
LEE COUNTY
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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-10	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STA 215+00 TO 216+00

SHEET **101**
OF **147**
FILE NO. **7508**



217+50

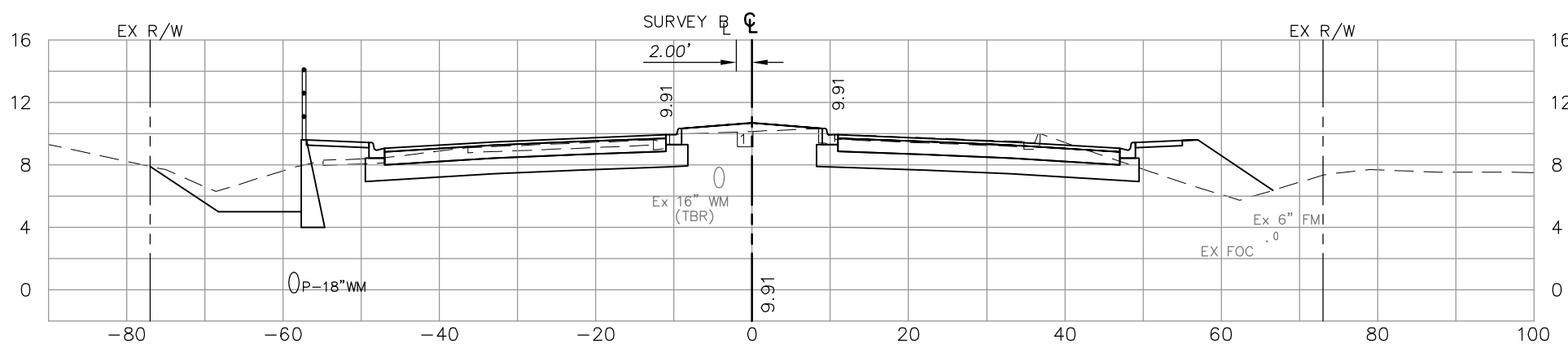
217+00

216+50

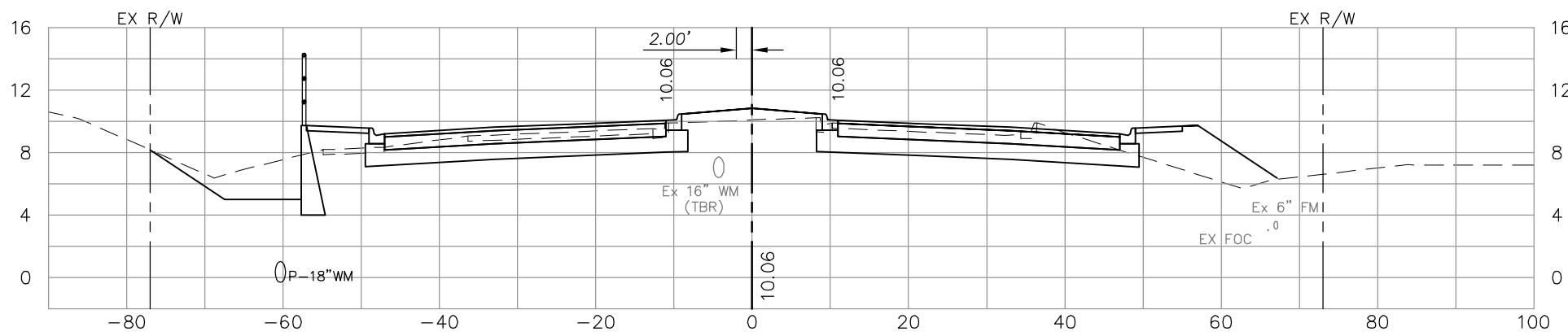
Regular Exc.		Embankment	
A	V	A	V
45		80	
	79		159
40		92	
	76		172
42		94	
	92		166

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

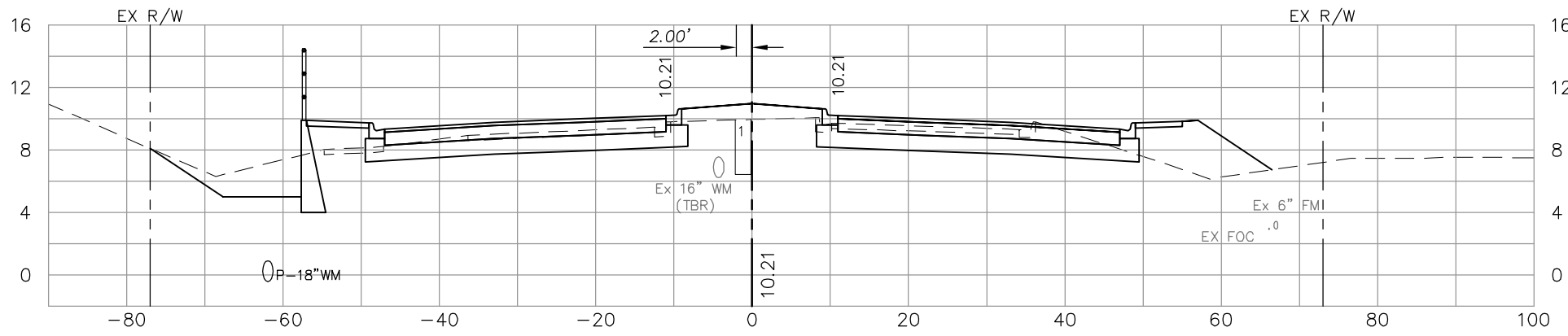
LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD CROSS SECTIONS STA 216+50 TO 217+50
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:	SHEET 102 OF 147 FILE NO. 7508
		REVIEWED BY: DWB	VERT SCALE: 1" = 5'	11X17 PLOT	
		PLOT VIEW/LAYOUT: XS-11	HORIZ SCALE: 1" = 20'	7508-XSEC	
		CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'		



219+00



218+50



218+00

Regular Exc.		Embankment	
A	V	A	V
104		46	
	176		94
	140		111
65		64	
	102		133

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

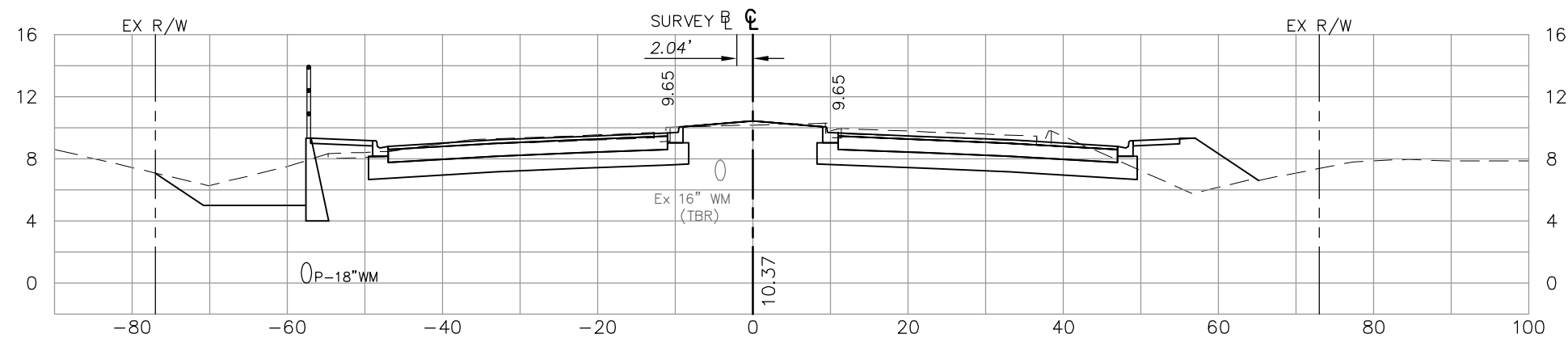
**LEE COUNTY
DEPT. OF TRANSPORTATION**

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC
PLOT VIEW/LAYOUT: XS-12	HORIZ SCALE: 1" = 20'	
CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'	

TITLE:
**SUMMERLIN ROAD
CROSS SECTIONS
STA 218+00 TO 219+00**

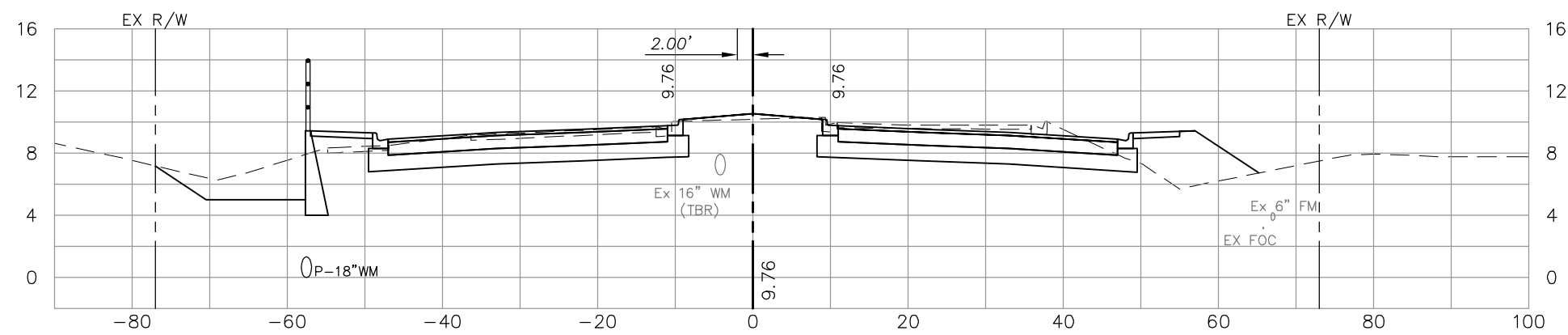
SHEET **103**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



219+84.68

129	40
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219+50

166	56
122	44
209	83

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

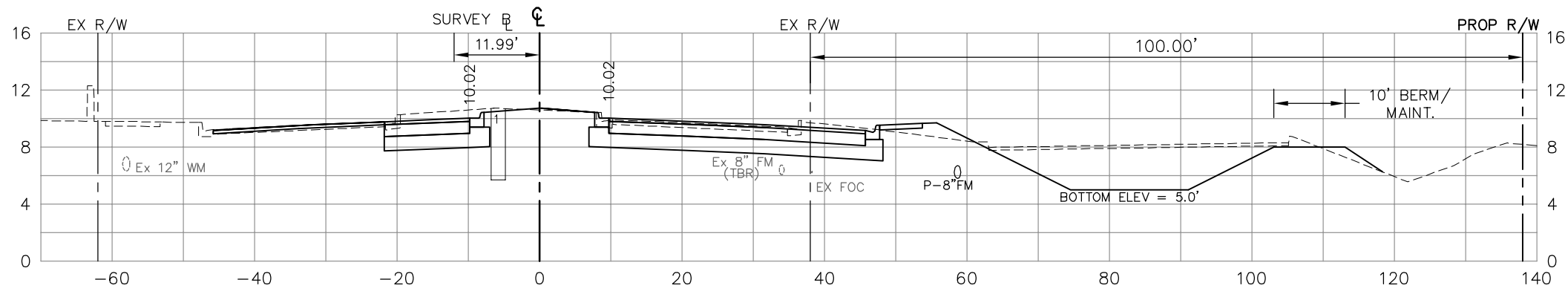
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC
PLOT VIEW/LAYOUT: XS-13	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
SUMMERLIN ROAD
CROSS SECTIONS
STA 219+50 TO 219+52.61

SHEET **104**
OF **147**
FILE NO. **7508**

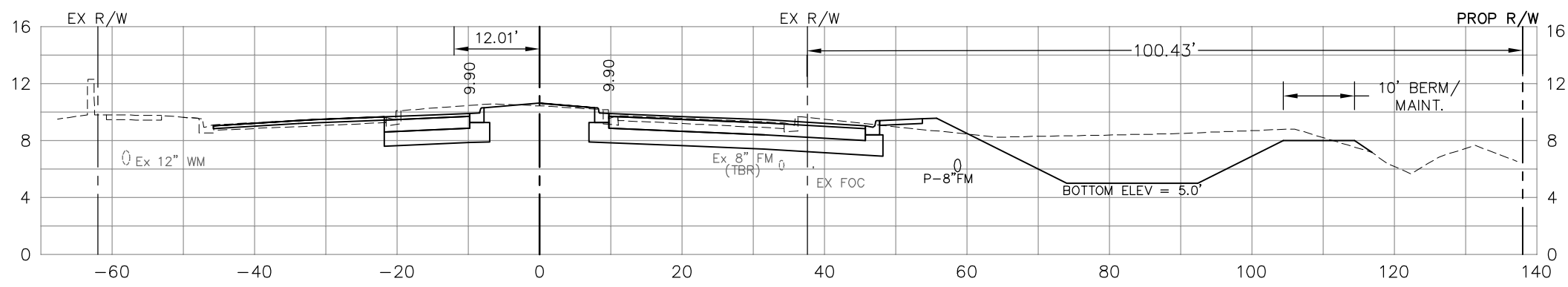
Regular Exc.		Embankment	
A	V	A	V



260+00

64

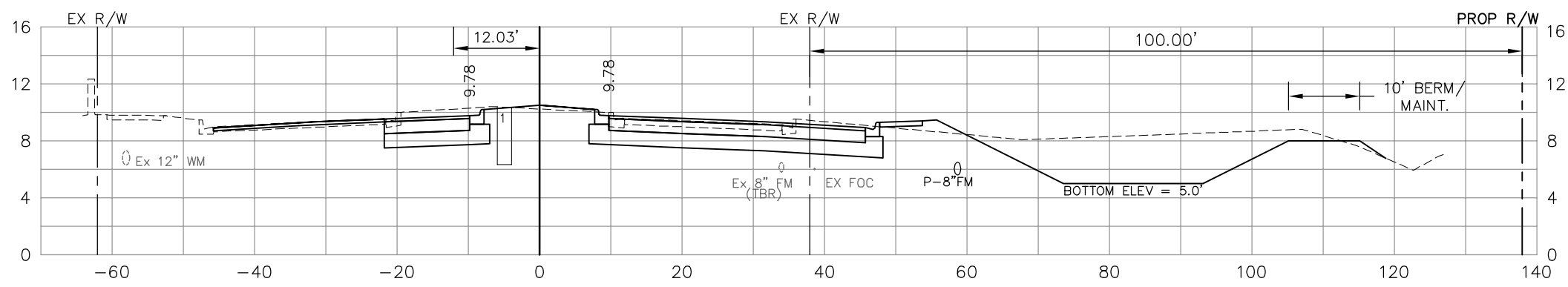
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259+50

62

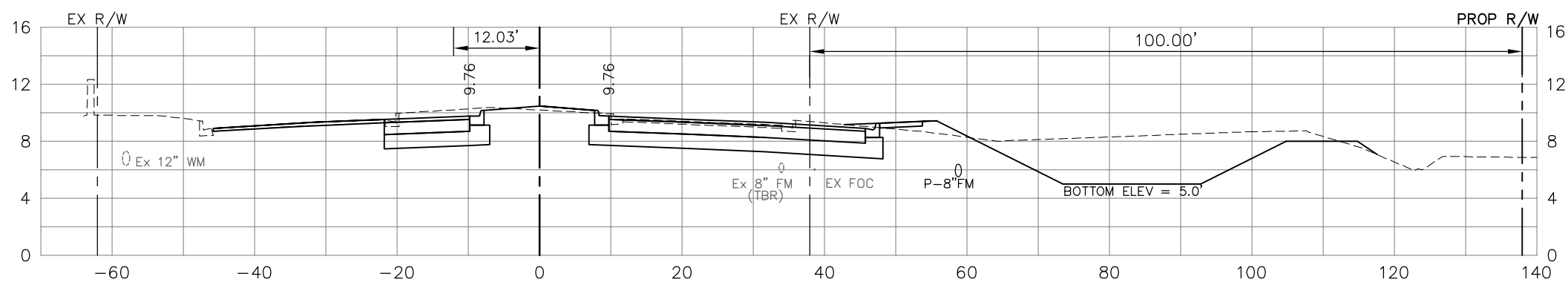
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259+00

61

4



258+91.09

61

6

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

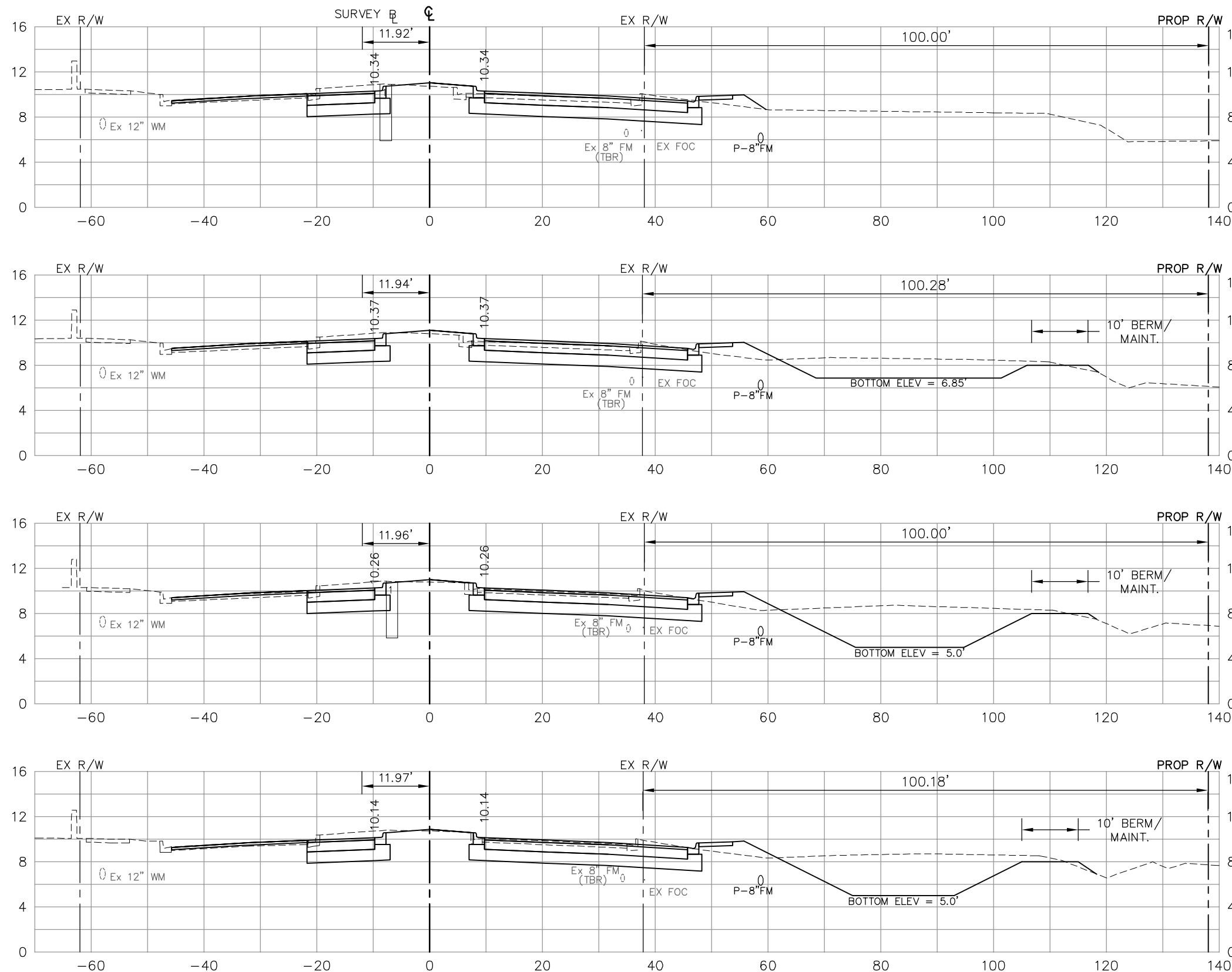
LEE COUNTY
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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC2
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-14	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 258+91.09 TO 260+00**

SHEET **105**
OF **147**
FILE NO. 7508



262+00

261+50

261+00

260+50

Regular Exc.		Embankment	
A	V	A	V
57		9	
54	103	9	17
60	106	7	15
62	113	6	12
	117		9

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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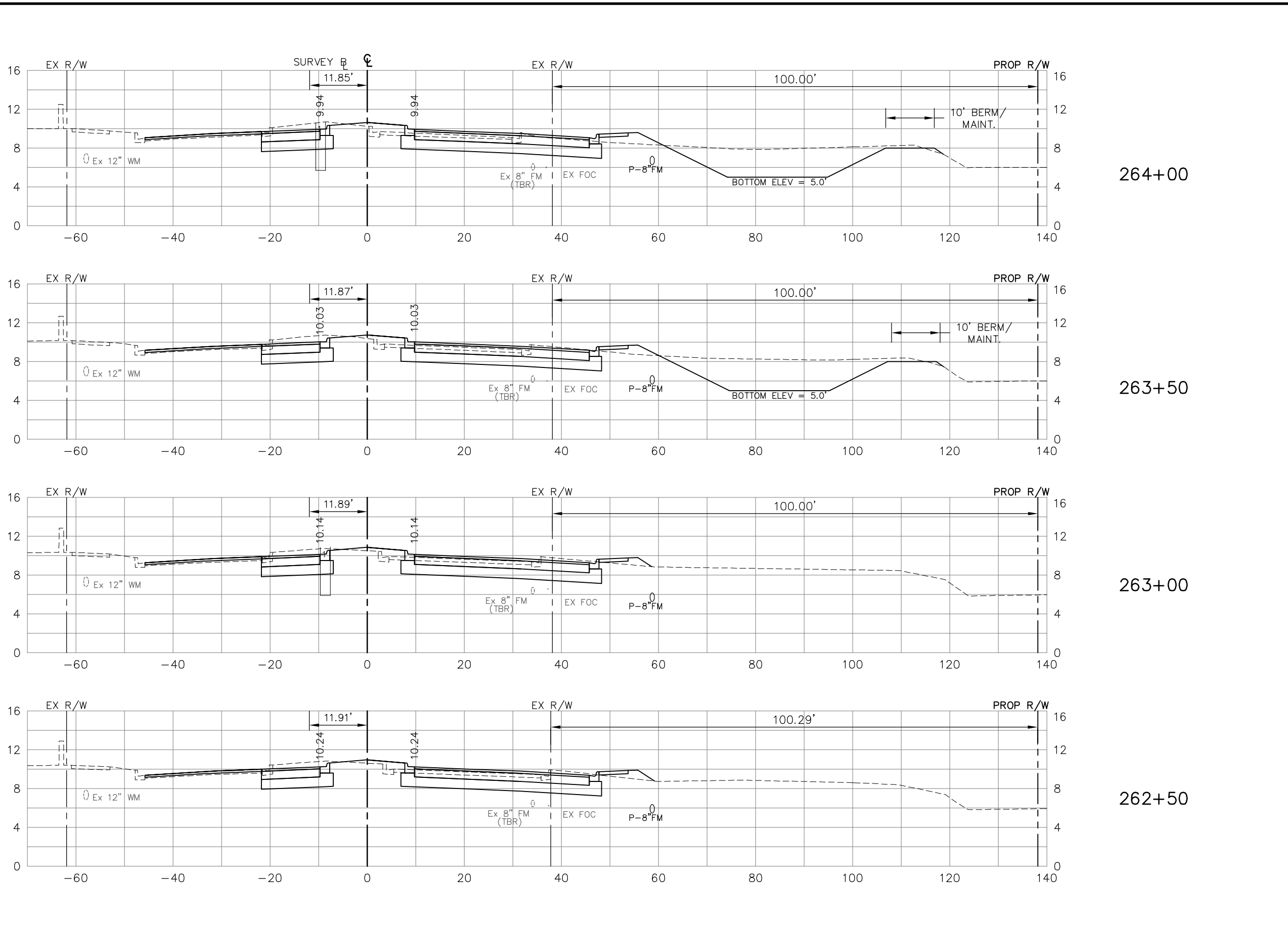
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: XS-15
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-XSEC2

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 260+50 TO 262+00**

SHEET **106**
OF **147**
FILE NO. 7508



	Regular Exc.		Embankment	
	A	V	A	V
264+00	49		12	
263+50	55	96	8	19
263+00	57	104	74	76
262+50	55	104	9	77
		104		17

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

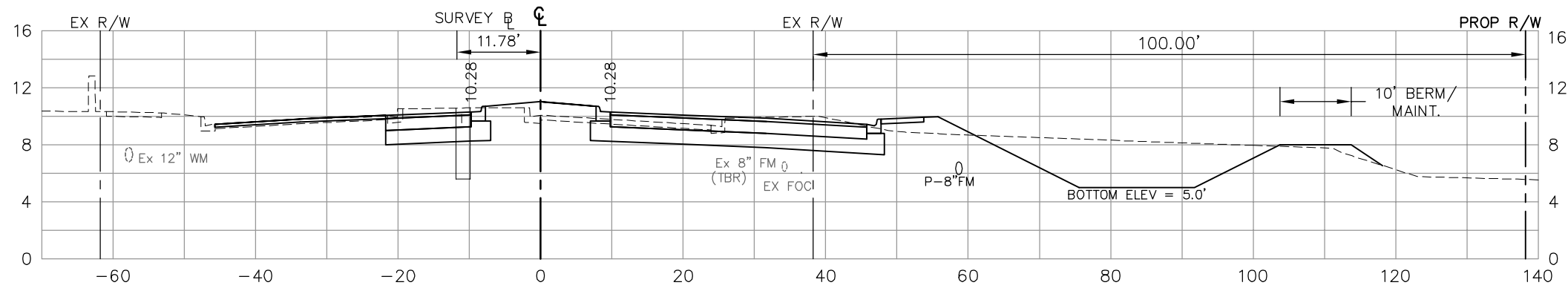
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC2
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-16	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

**SUMMERLIN ROAD
CROSS SECTIONS
STAT 262+50 TO 264+00**

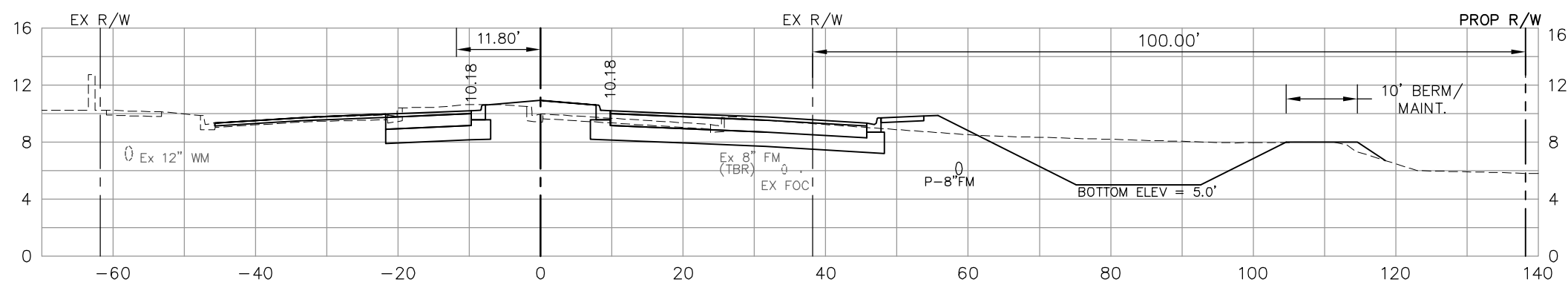
SHEET **107**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



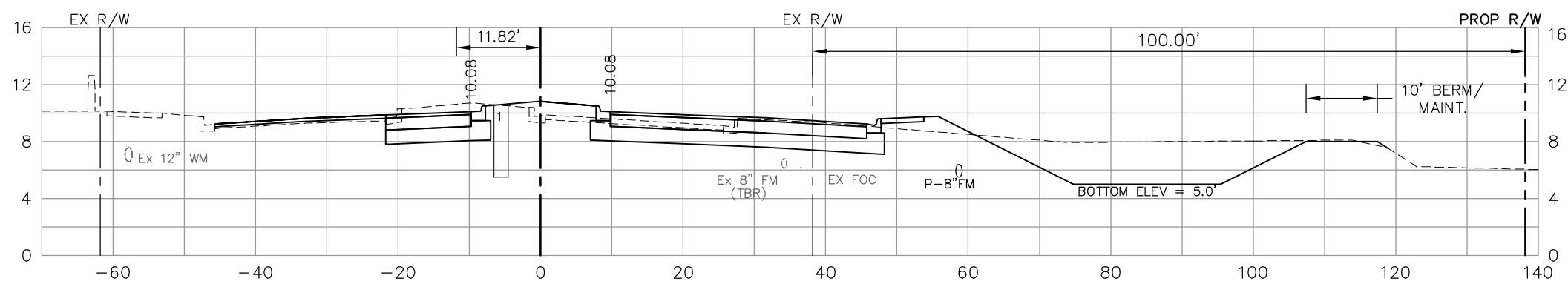
266+00

50		14	
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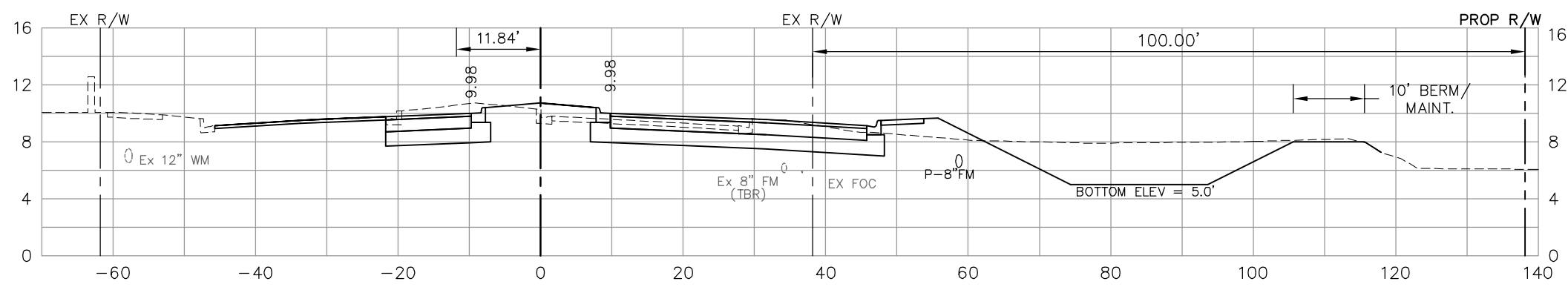
265+50

	87		26
44		14	



265+00

	84		24
47		12	

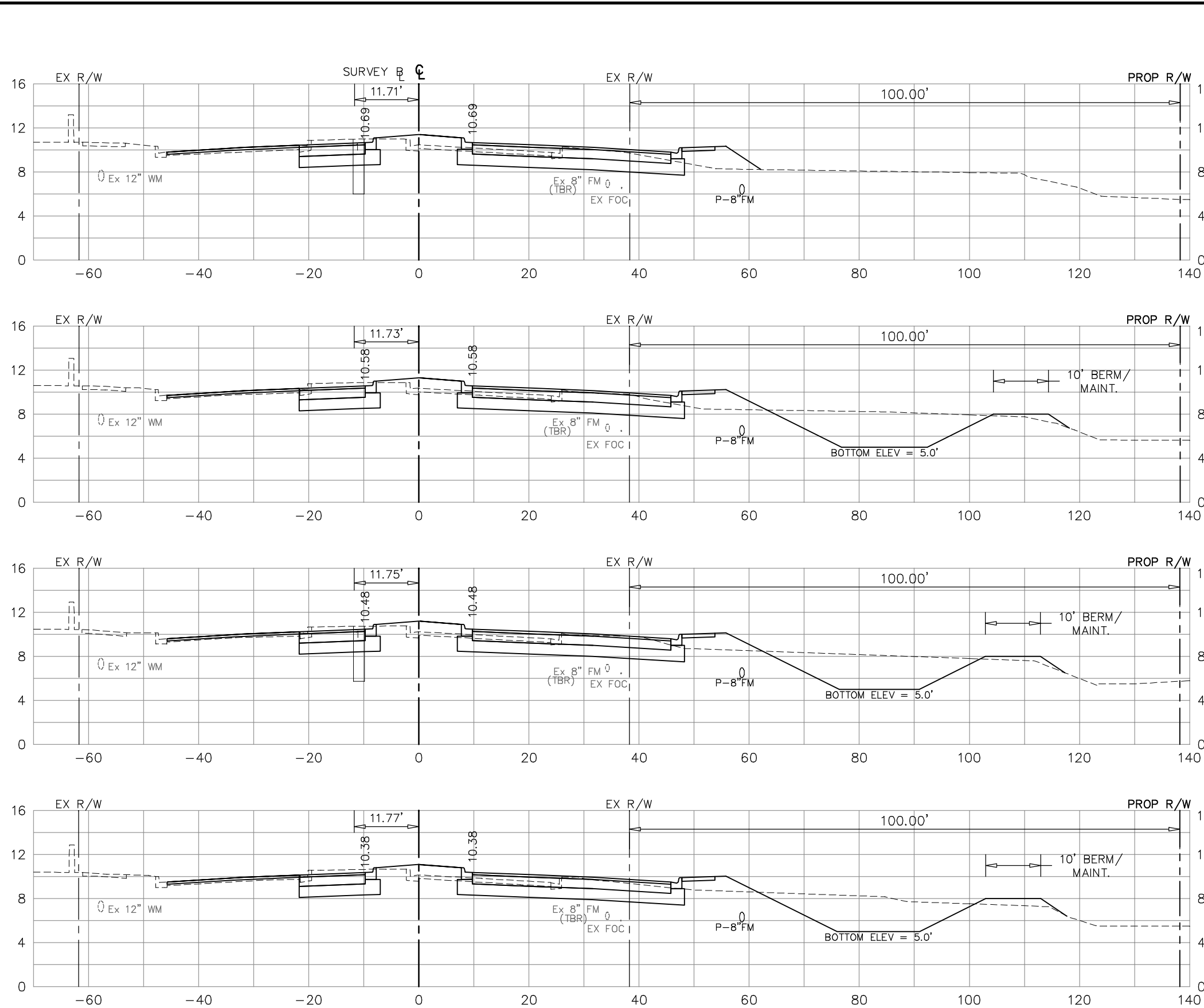


264+50

	89		23
49		13	
	91		23

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: XS-17 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC2	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 264+50 TO 266+00	SHEET 108 OF 147 FILE NO. 7508
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268+00

267+50

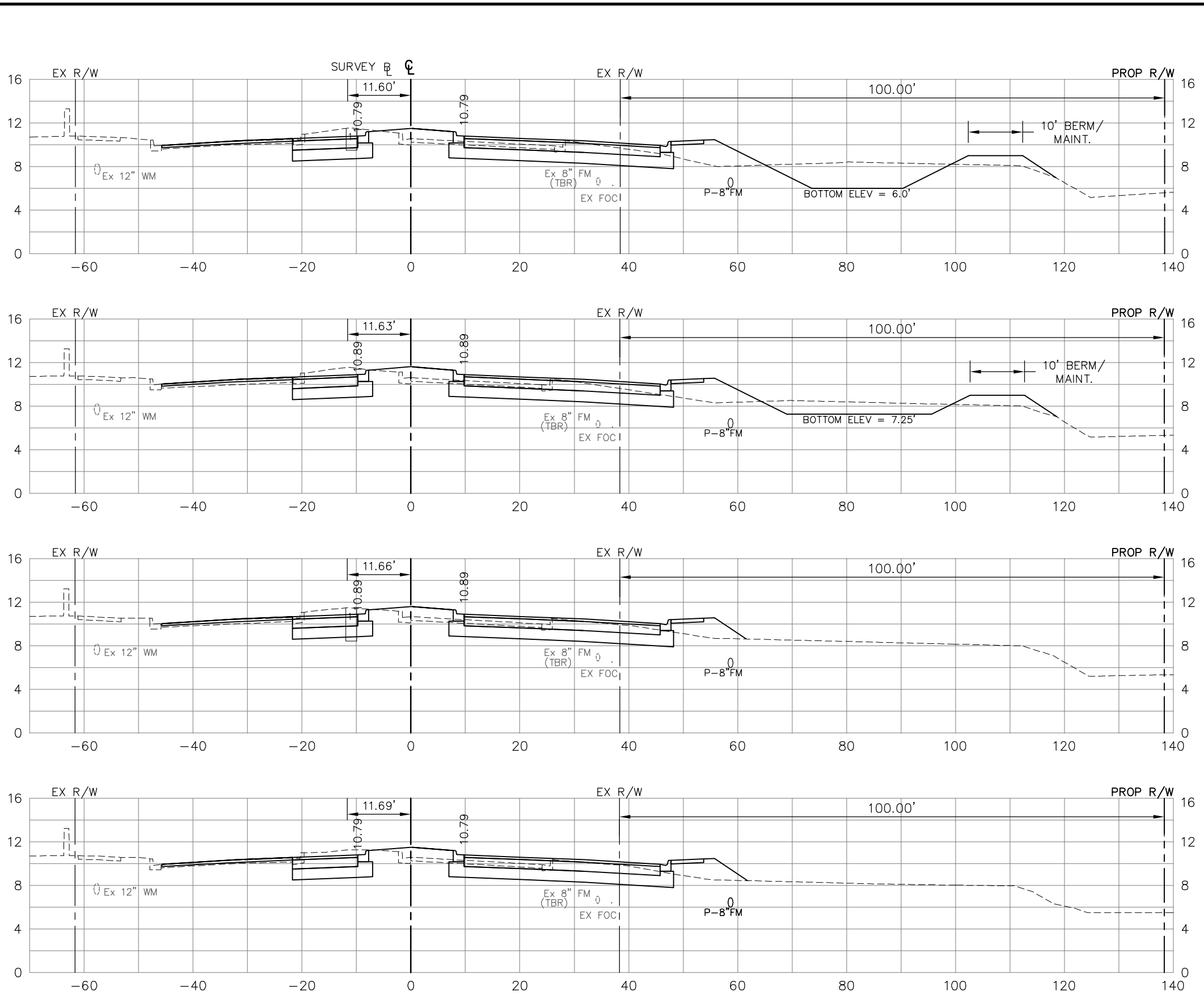
267+00

266+50

Regular Exc.		Embankment	
A	V	A	V
42		21	
	78		38
42		20	
	81		35
45		18	
	80		31
41		16	
	84		28

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: XS-18 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC2	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 266+50 TO 268+00	SHEET 109 OF 147 FILE NO. 7508
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	Regular Exc.		Embankment	
	A	V	A	V
270+00	44		21	
269+50	39	77	22	40
269+00	45	78	18	37
268+50	43	81	19	34
		79		37

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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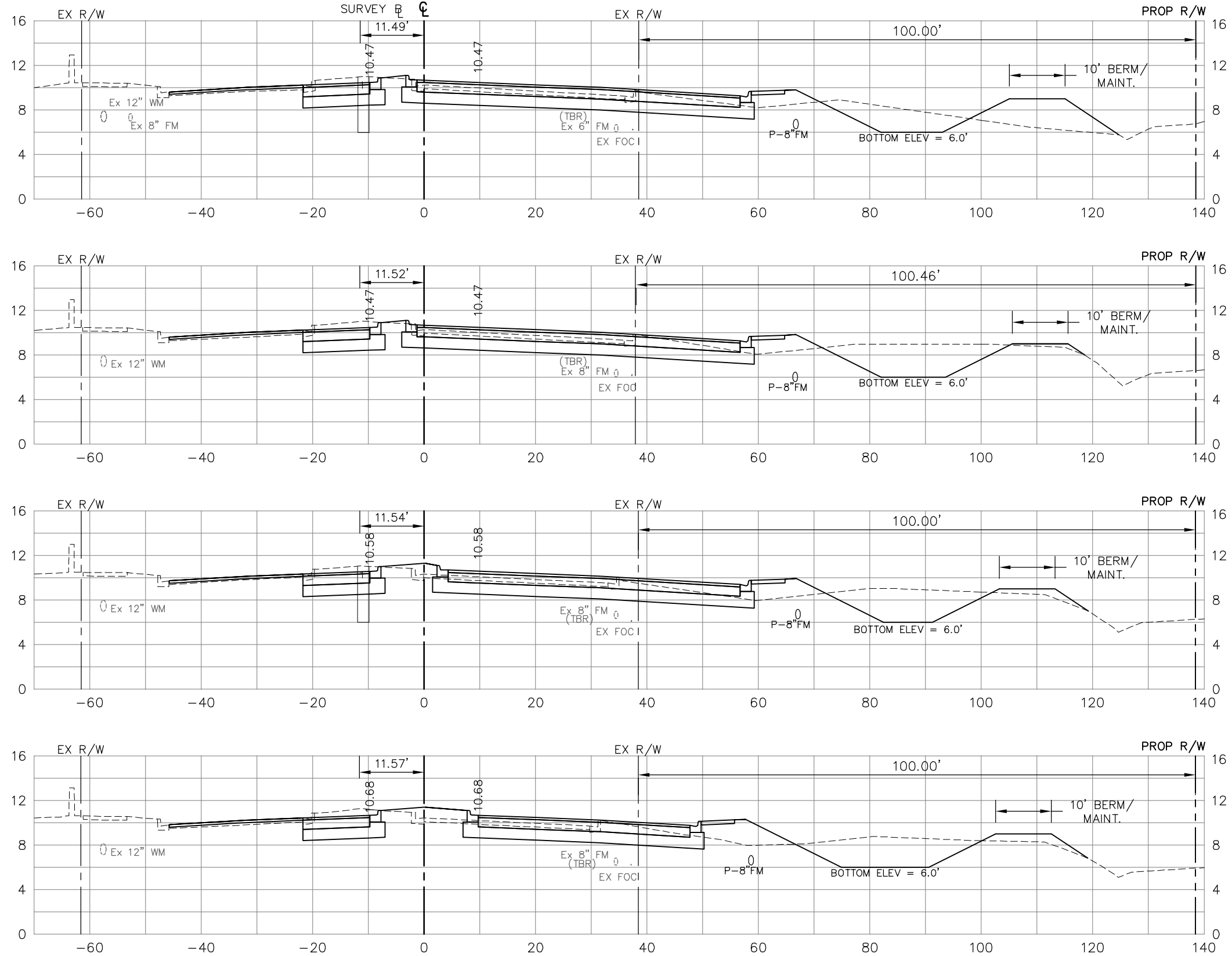
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: XS-19
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-XSEC2

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 268+50 TO 270+00**

SHEET 110
OF 147
FILE NO. 7508



272+00

271+50

271+00

270+50

Regular Exc.		Embankment	
A	V	A	V
51		10	
	97	12	20
43		18	
	78	21	36
	79		39

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

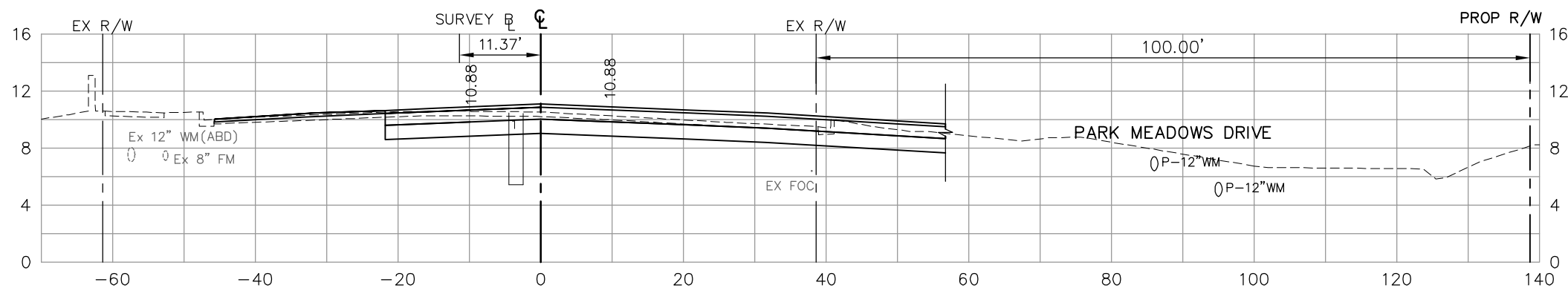
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT DATE: AUGUST 2007 PLAN STAGE: 100%
 DRAWN BY: TAM 24x36 PLOT
 CHECKED BY: EFT HORIZ SCALE: 1" = 10' ABB PROJECT NO.:
 REVIEWED BY: DWB VERT SCALE: 1" = 5' 7993
 PLOT VIEW/LAYOUT: 11x17 PLOT
 XS-20 ACAD DWG:
 CTB NAME: 8000-ROAD HORIZ SCALE: 1" = 20' 7508-XSEC2
 VERT SCALE: 1" = 10'

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 270+50 TO 272+00**

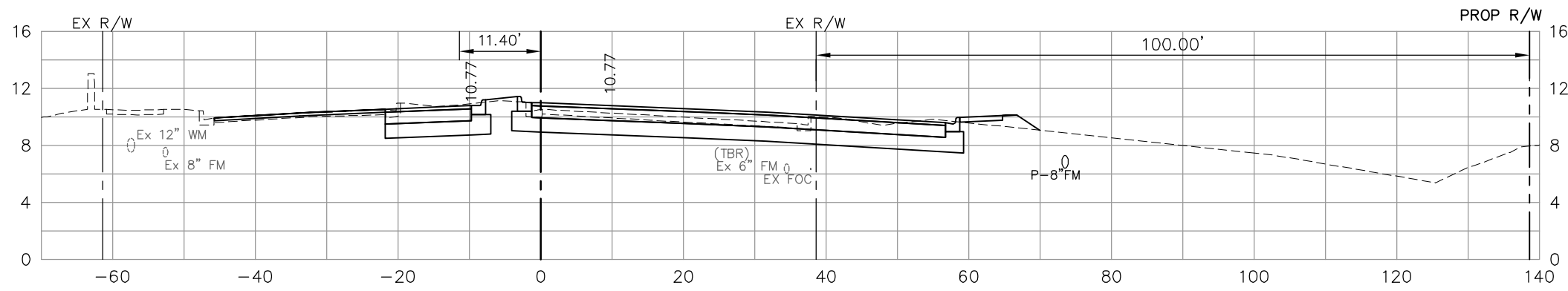
SHEET **111**
OF **147**
FILE NO. **7508**

Regular		Exc.		Embankment	
A	V	A	V	A	V



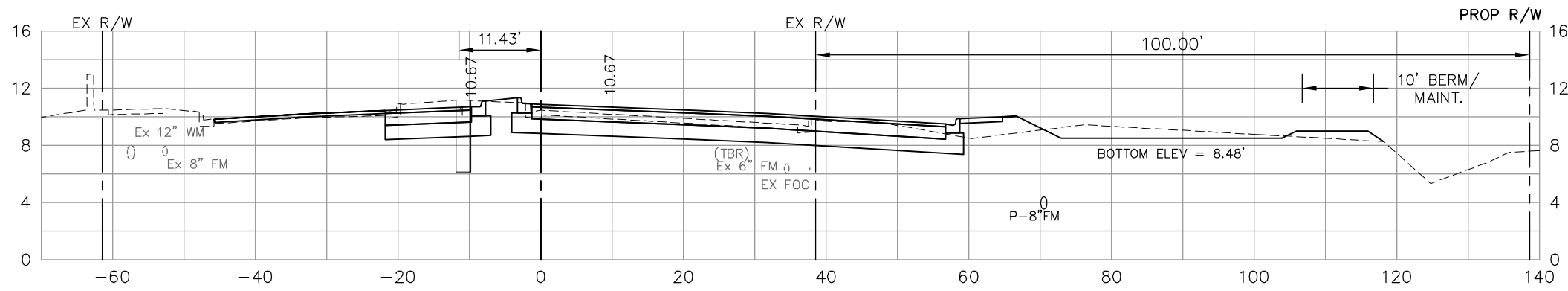
274+00

40		0	
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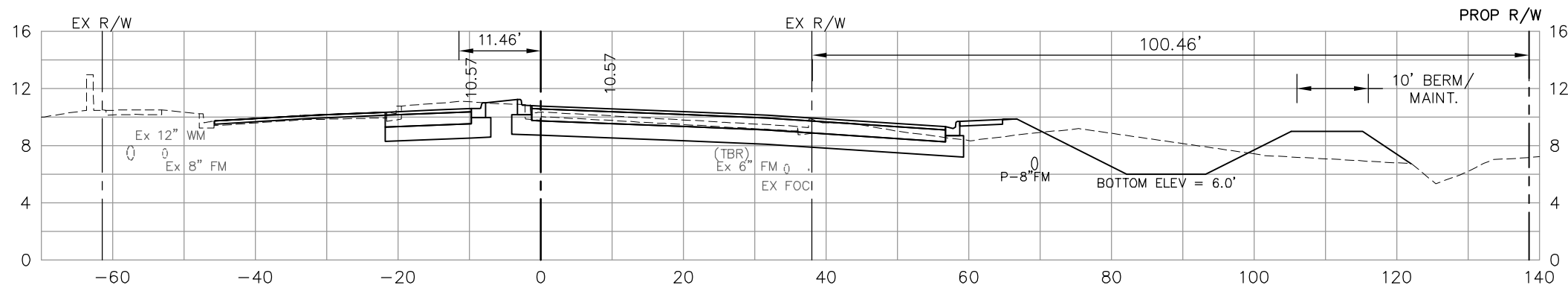
273+50

55	88	4	
----	----	---	--



273+00

54	101	9	12
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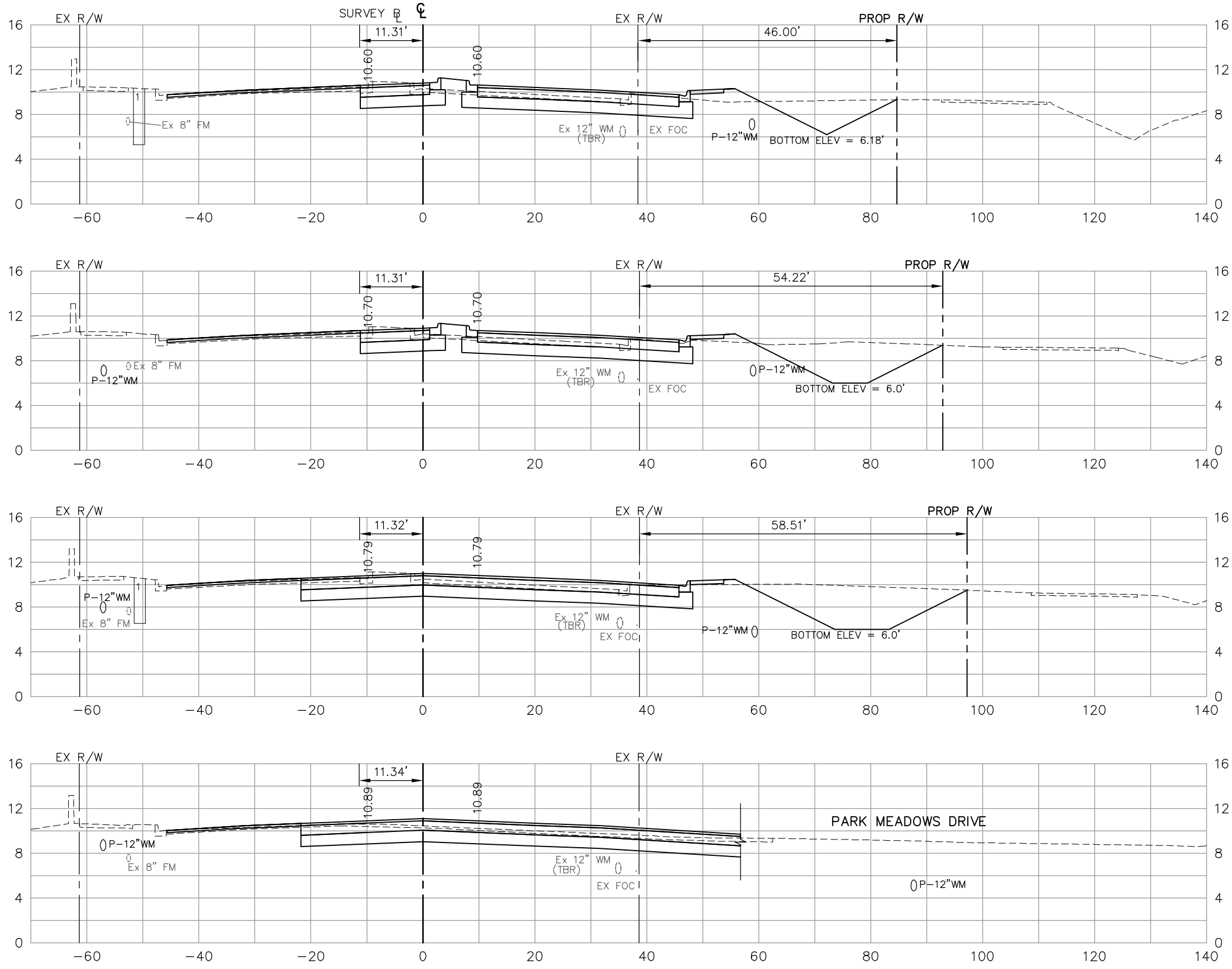


272+50

53	99	9	17
96			18

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: XS-21 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC2	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 272+50 TO 274+00	SHEET 112 OF 147 FILE NO. 7508
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276+00

275+50

275+00

274+50

Regular Exc.		Embankment	
A	V	A	V
33	10		
32	60	8	17
47	73	2	9
41	81	0	2
	75		0

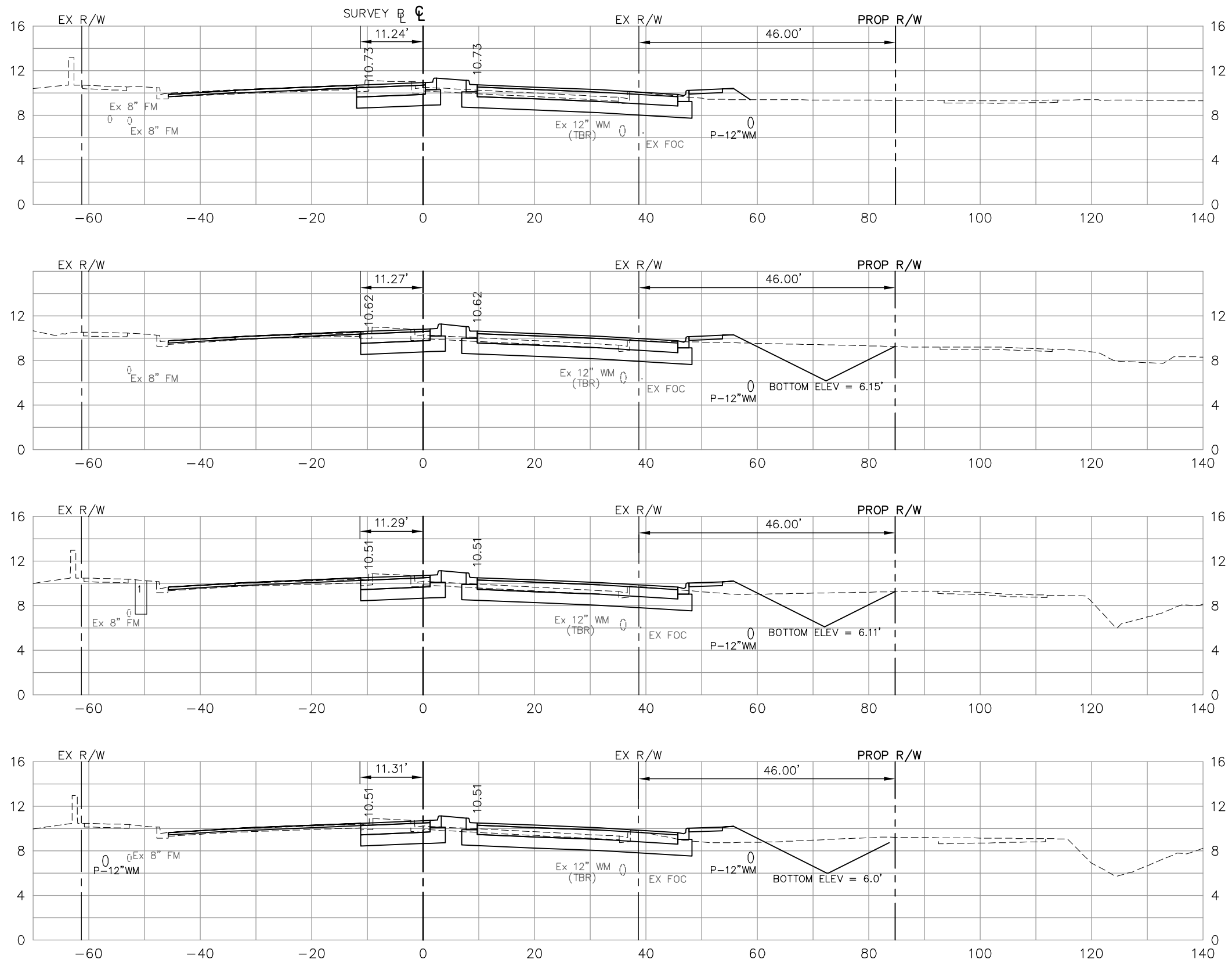
NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC2
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-22	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
**SUMMERLIN ROAD
CROSS SECTIONS
STAT 274+50 TO 276+00**

SHEET **113**
OF **147**
FILE NO. **7508**



Regular Exc.		Embankment	
A	V	A	V
38	10		
34	67	7	16
32	61	9	15
33	60	13	20
	61		21

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

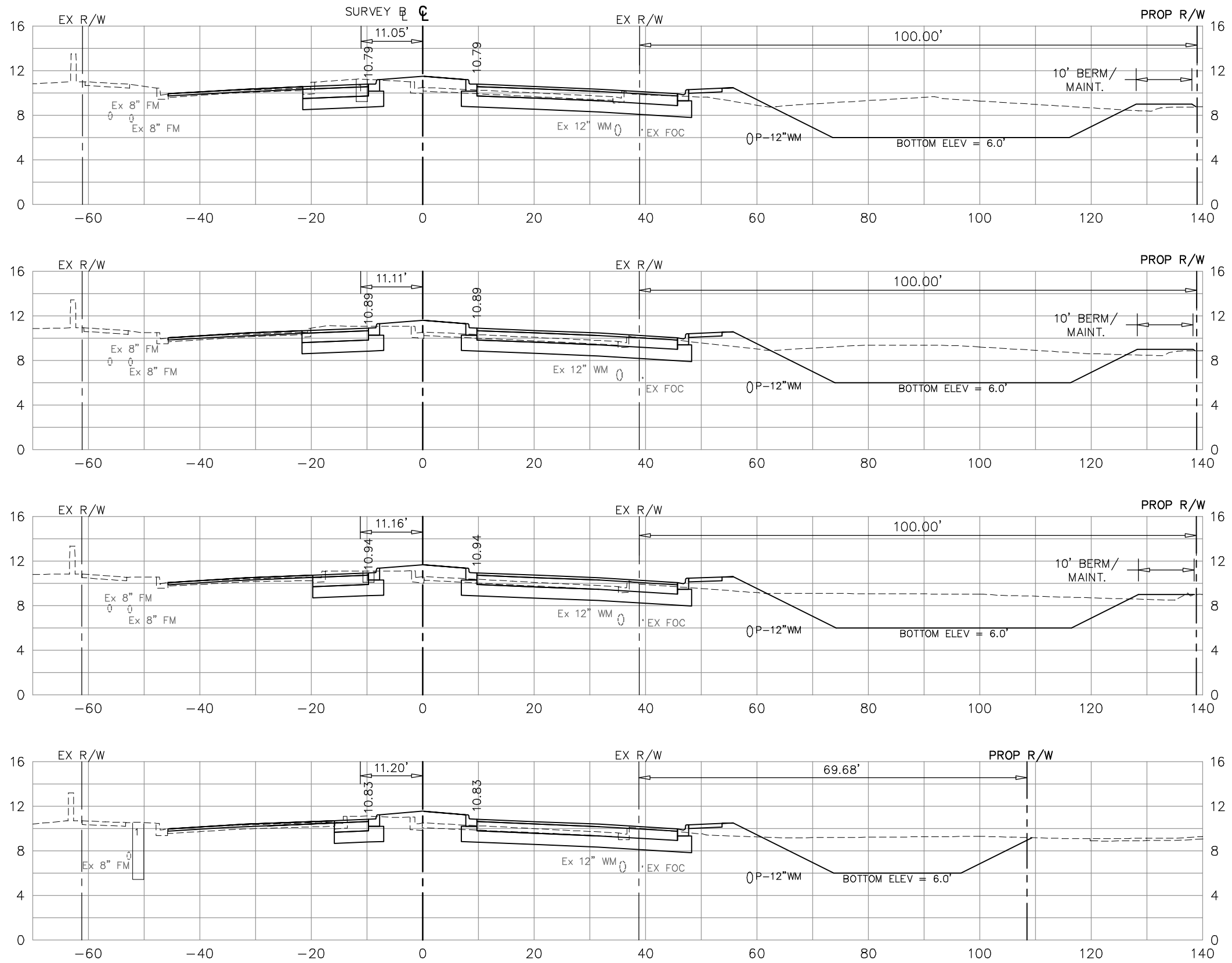
**LEE COUNTY
DEPT. OF TRANSPORTATION**

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BRUNDAGE, Inc.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC2
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-23	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
**SUMMERLIN ROAD
CROSS SECTIONS
STAT 276+50 TO 278+00**

SHEET **114**
OF **147**
FILE NO. **7508**



280+00

279+50

279+00

278+50

Regular Exc.		Embankment	
A	V	A	V
41		14	
38	73	16	28
32	65	16	30
29	56	15	29
	62		23

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

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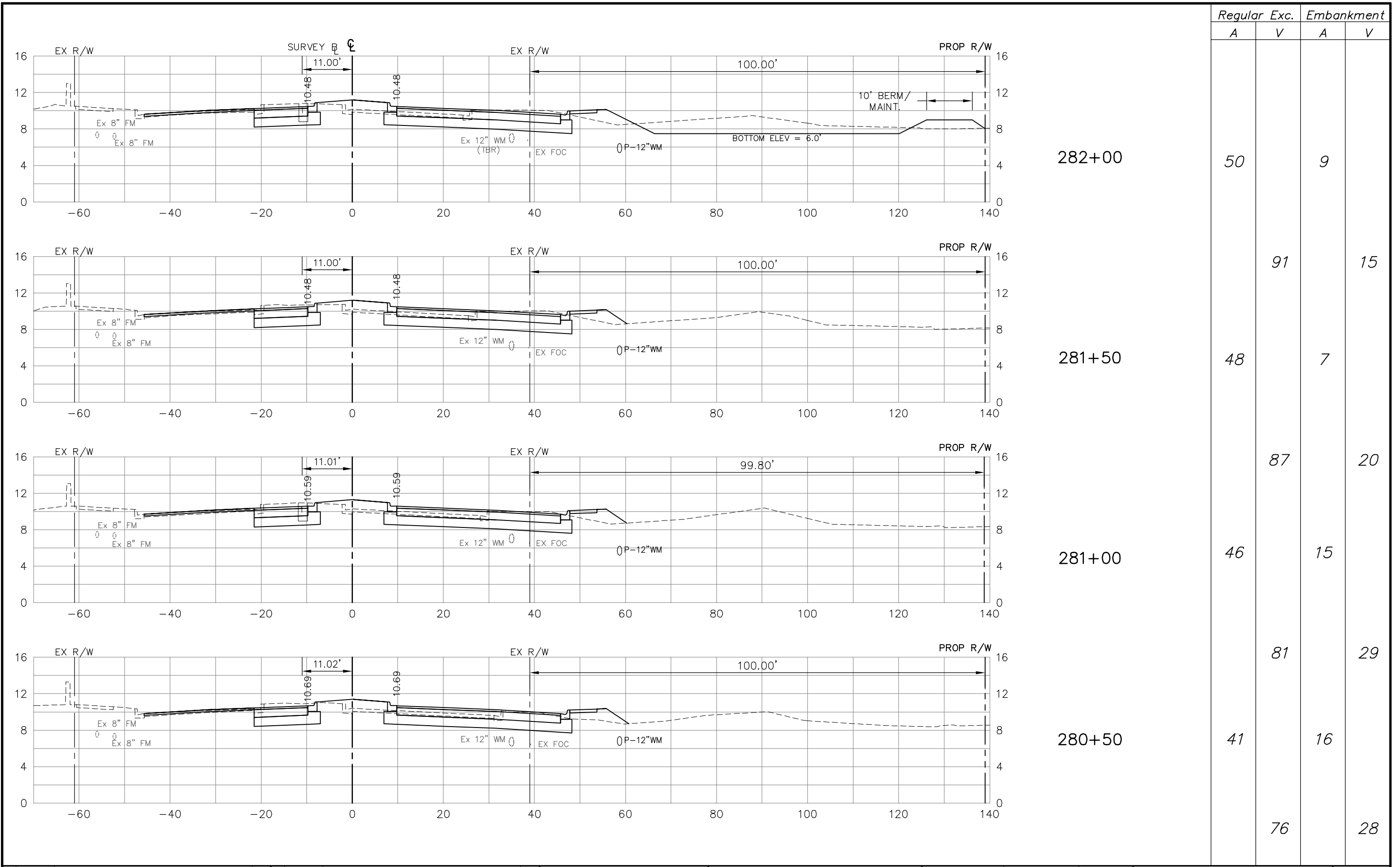
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: XS-24
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-XSEC2

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 278+50 TO 280+00**

SHEET 115
OF 147
FILE NO. 7508



Regular Exc.		Embankment	
A	V	A	V
50		9	
48	91	7	15
46	87	15	20
41	81	16	29
	76		28

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

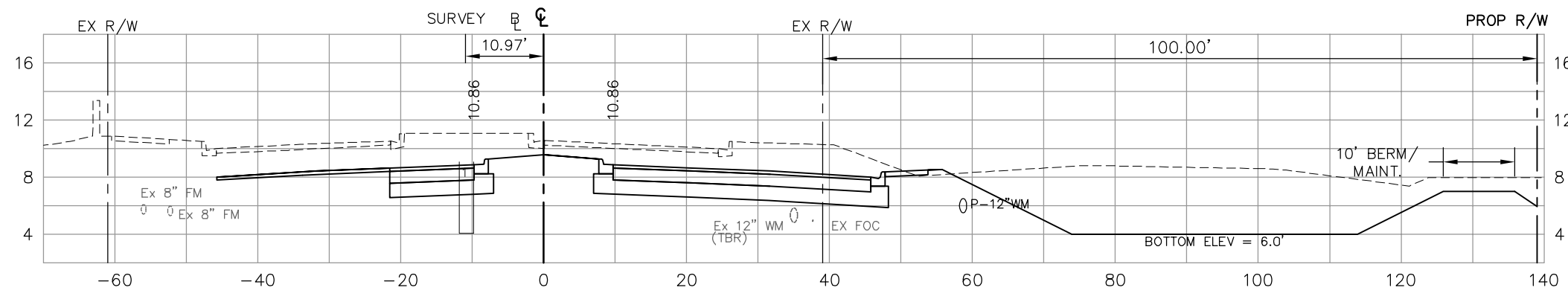
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC2
PLOT VIEW/LAYOUT: XS-25	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 280+50 TO 282+00**

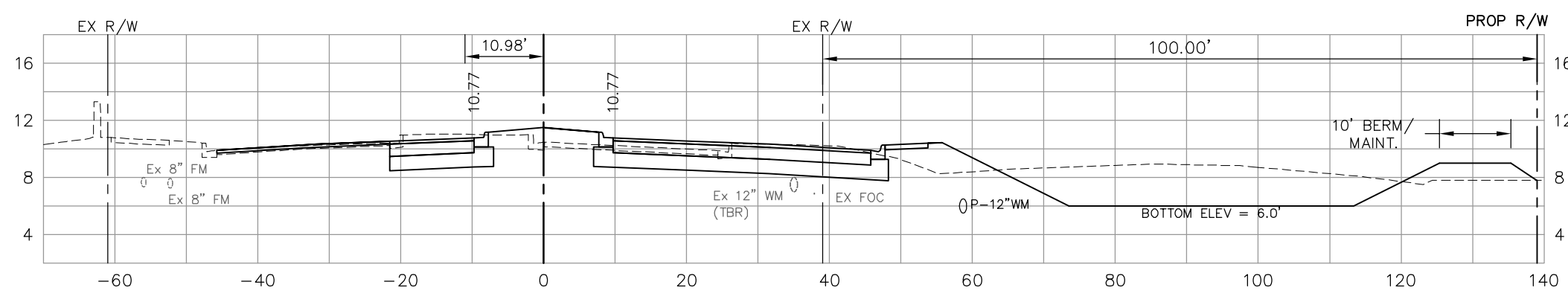
SHEET **116**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



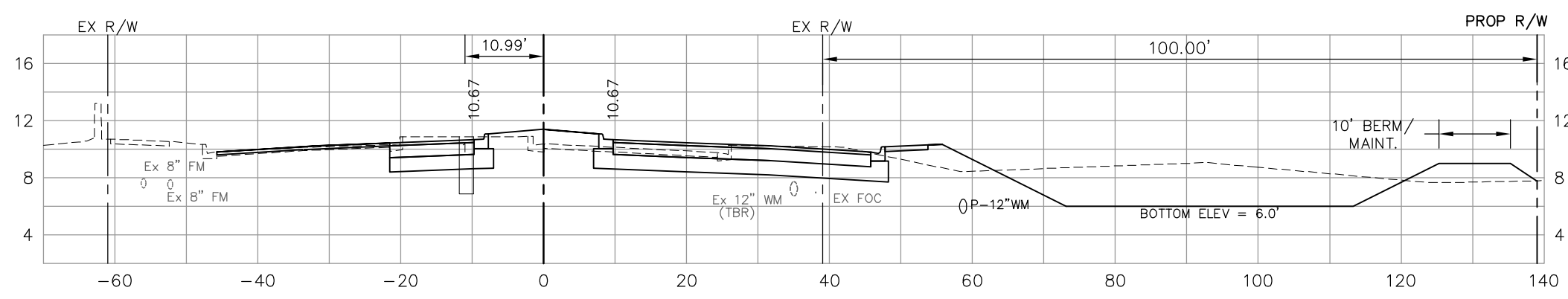
284+00

45		24	
----	--	----	--



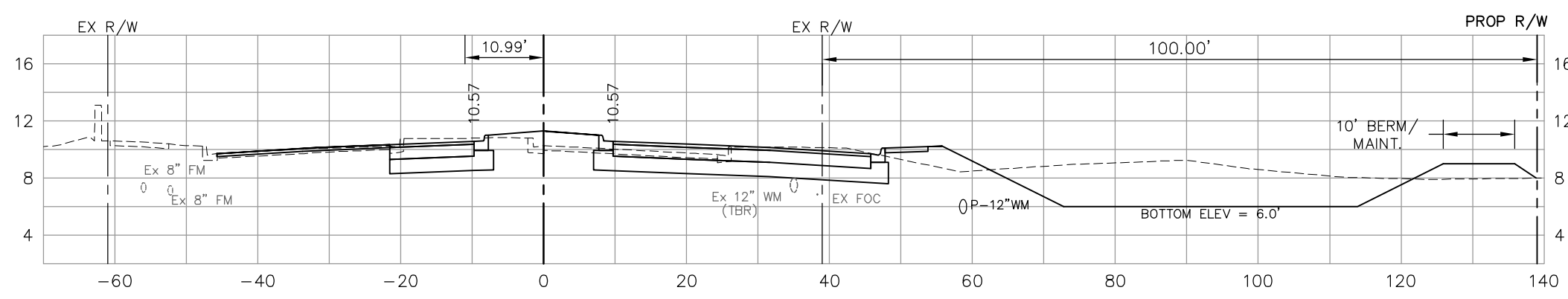
283+50

	86		40
48		19	



283+00

	89		32
48		16	



282+50

	90		29
49		15	

	92		22
--	----	--	----

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

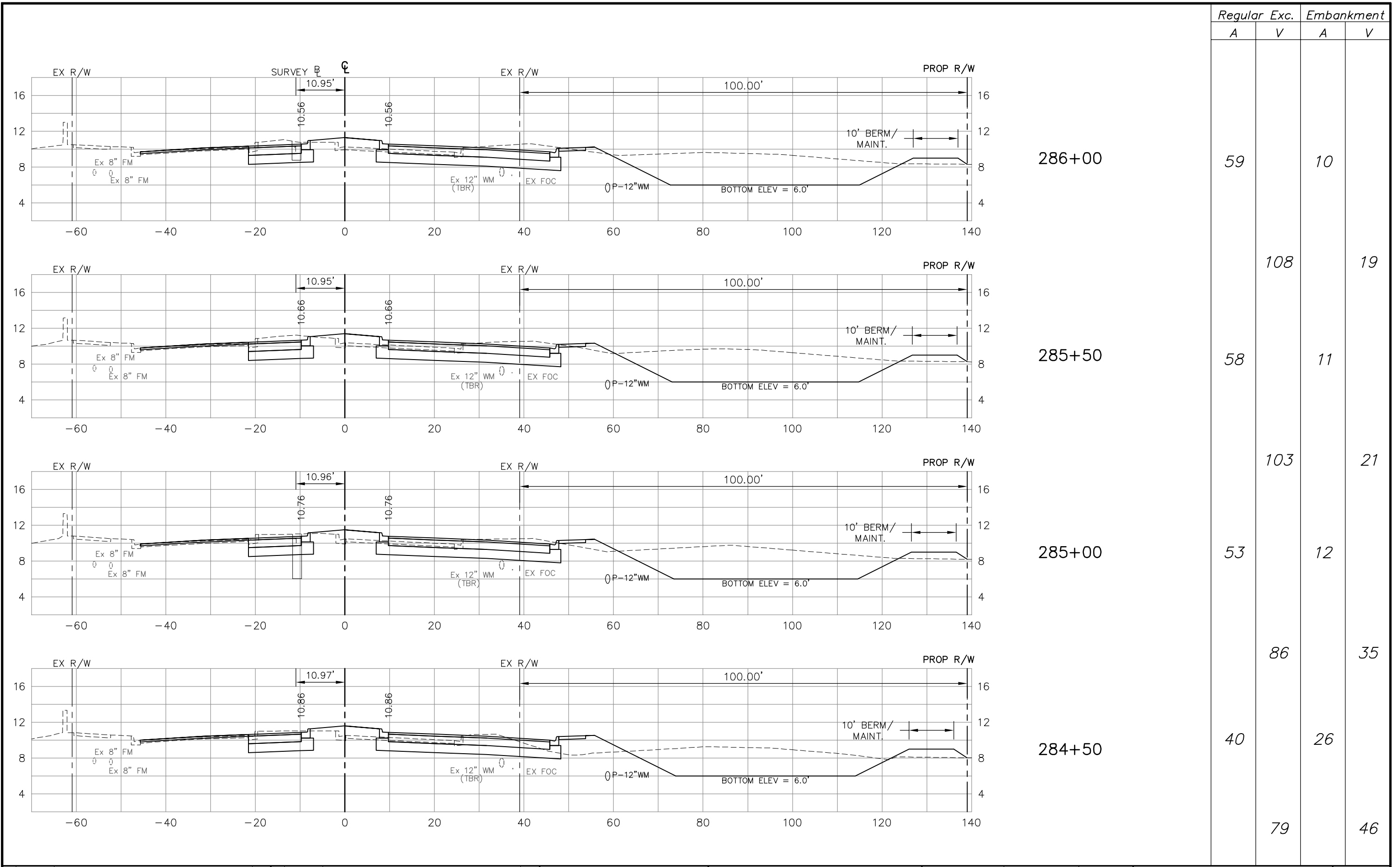
LEE COUNTY
DEPT. OF TRANSPORTATION

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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC2
PLOT VIEW/LAYOUT: XS-26	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 282+50 TO 284+00**

SHEET 117
OF 147
FILE NO. 7508



Regular Exc.		Embankment	
A	V	A	V
59	10	108	19
58	11	103	21
53	12	86	35
40	26	79	46

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

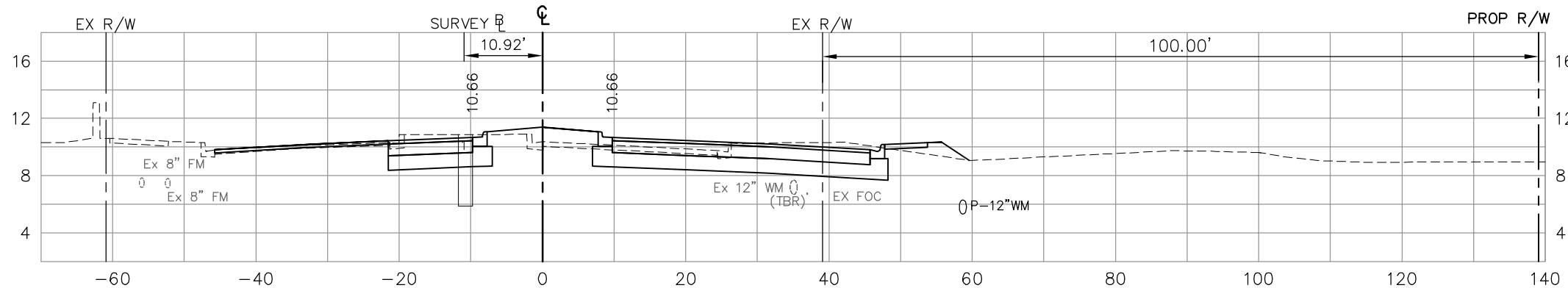
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT DATE: AUGUST 2007 PLAN STAGE: 100%
 DRAWN BY: TAM 24x36 PLOT
 CHECKED BY: EFT HORIZ SCALE: 1" = 10' ABB PROJECT NO.: 7993
 REVIEWED BY: DWB VERT SCALE: 1" = 5'
 PLOT VIEW/LAYOUT: XS-27 11x17 PLOT
 CTB NAME: 8000-ROAD HORIZ SCALE: 1" = 20' ACAD DWG: 7508-XSEC2
 VERT SCALE: 1" = 10'

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 284+50 TO 286+00**

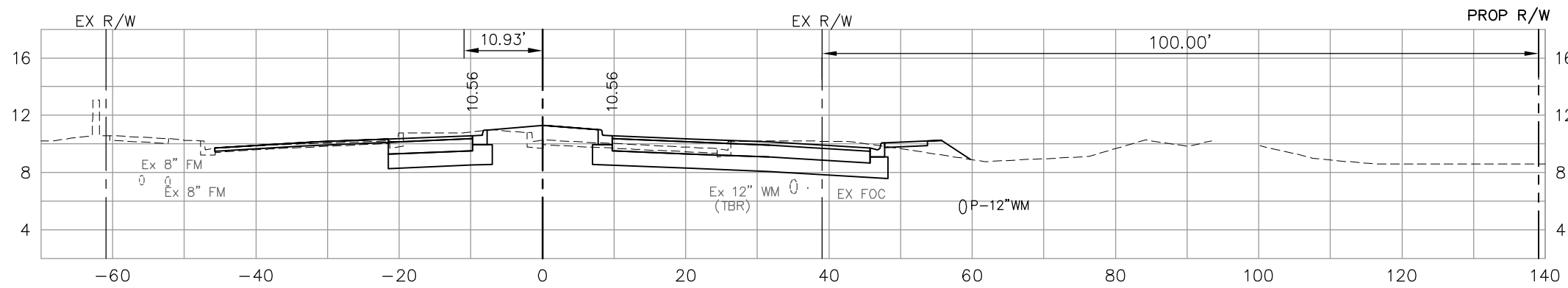
SHEET **118**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



288+00

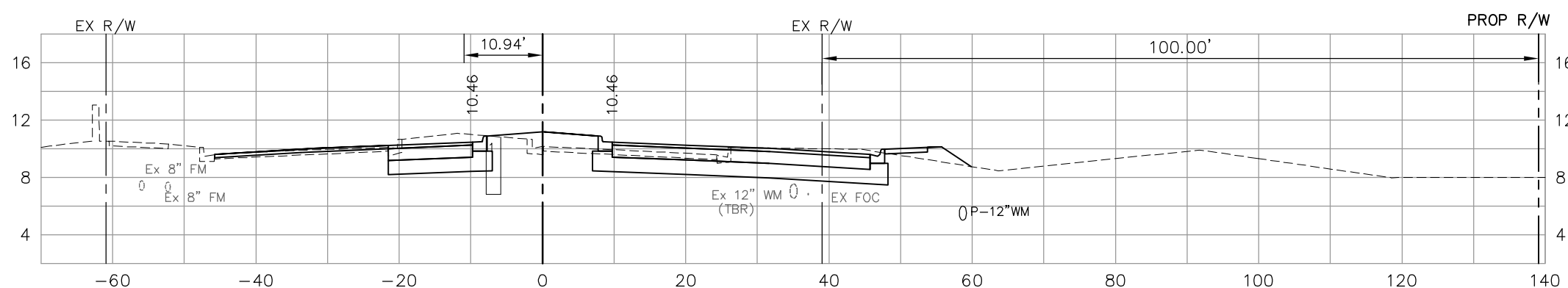
51 14



287+50

52 14

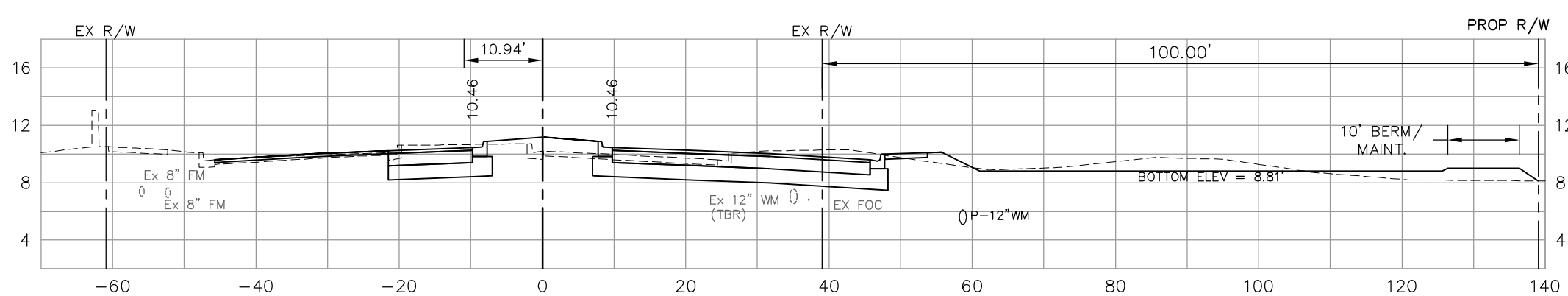
95 26



287+00

54 14

98 26



286+50

56 11

102 23

106 19

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

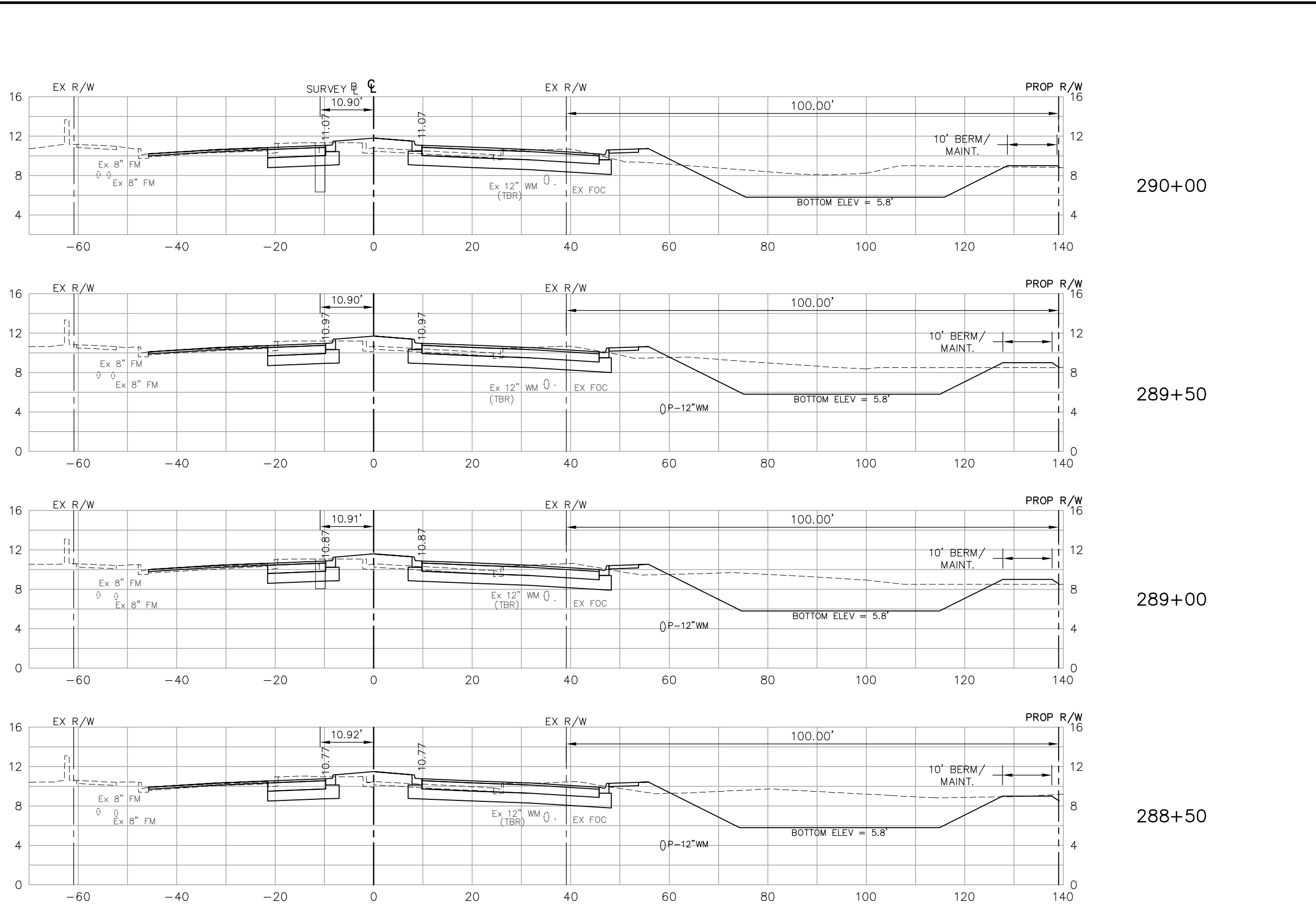
LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC2
PLOT VIEW/LAYOUT: XS-28	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
SUMMERLIN ROAD
CROSS SECTIONS
STAT 286+50 TO 288+00

SHEET 119
OF 147
FILE NO. 7508



Regular Exc.		Embankment	
A	V	A	V
48		17	
	90		30
49		15	
	92		27
50		14	
	93		25
50		13	
	94		25

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
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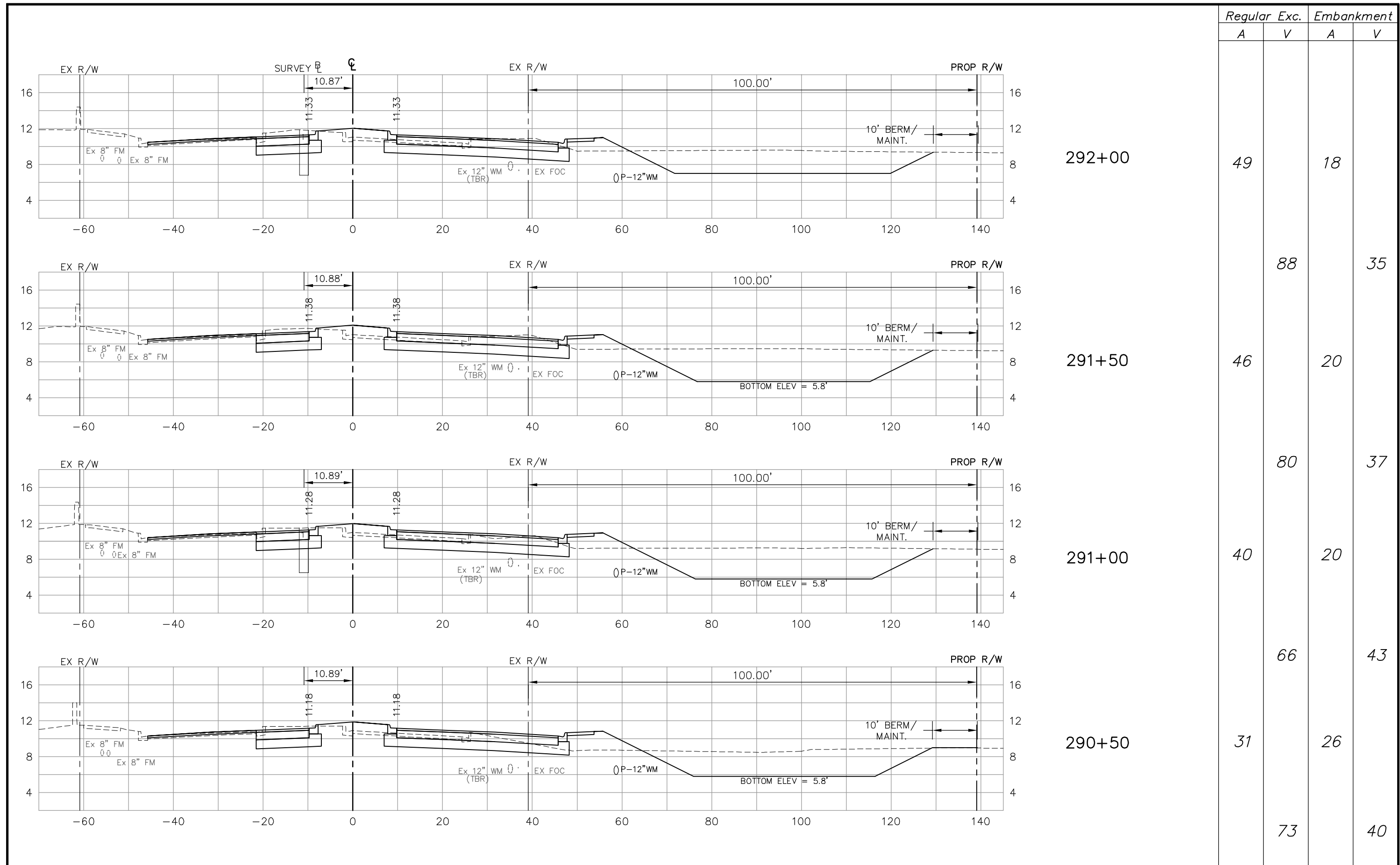
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: XS-29
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-XSEC2

TITLE: **SUMMERLIN ROAD CROSS SECTIONS STAT 288+50 TO 290+00**

SHEET 120 OF 147
FILE NO. 7508

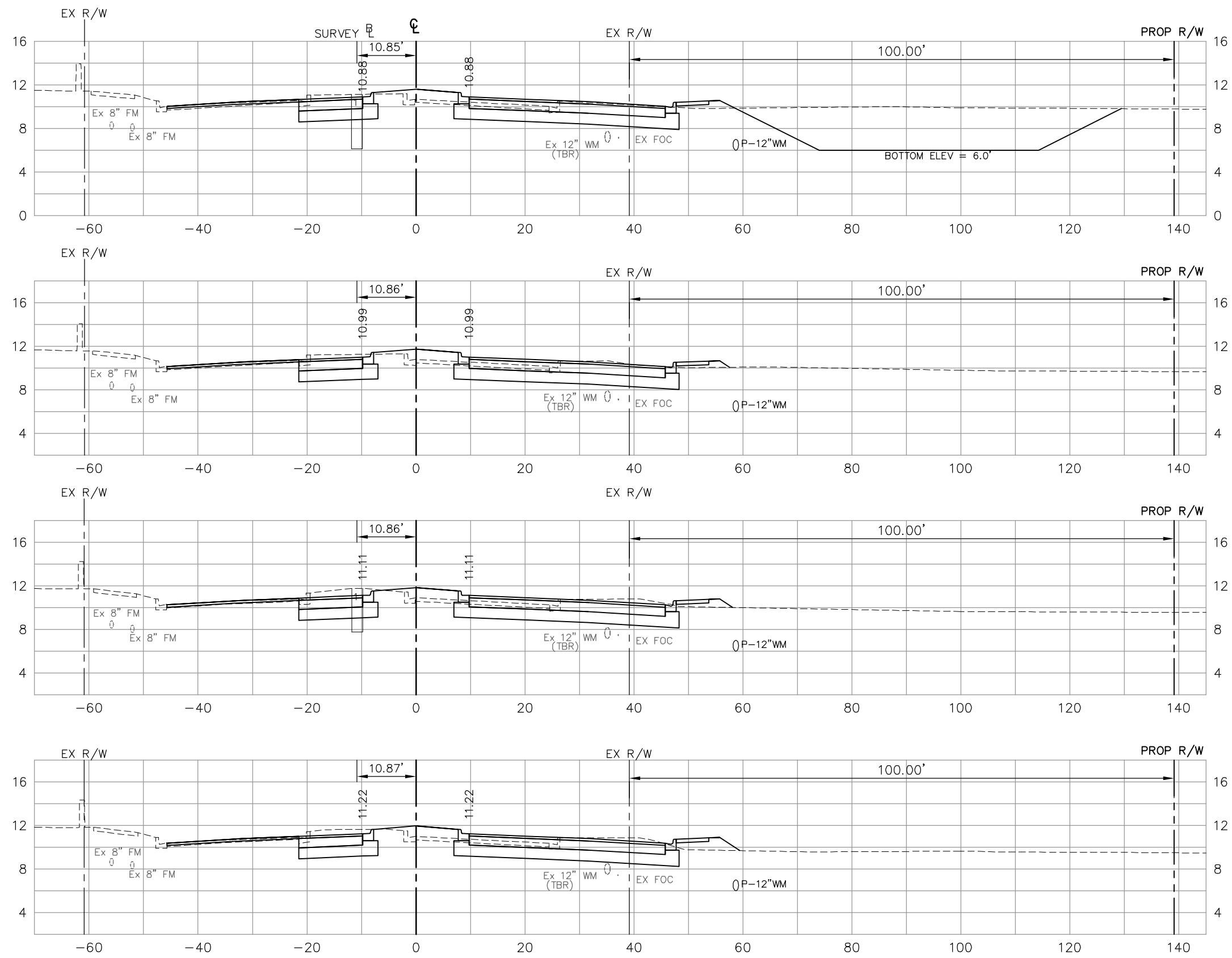


Regular Exc.		Embankment	
A	V	A	V
49	18	88	35
46	20	80	37
40	20	66	43
31	26	73	40

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: XS-30 CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 10' VERT SCALE: 1" = 5' 11x17 PLOT HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 10'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-XSEC2	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 290+50 TO 292+00	SHEET 121 OF 147 FILE NO. 7508
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Regular Exc.		Embankment	
A	V	A	V



294+00

47		11	
----	--	----	--

293+50

50	90	11	20
----	----	----	----

293+00

56	98	12	21
----	----	----	----

292+50

53	101	16	26
	94		31

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

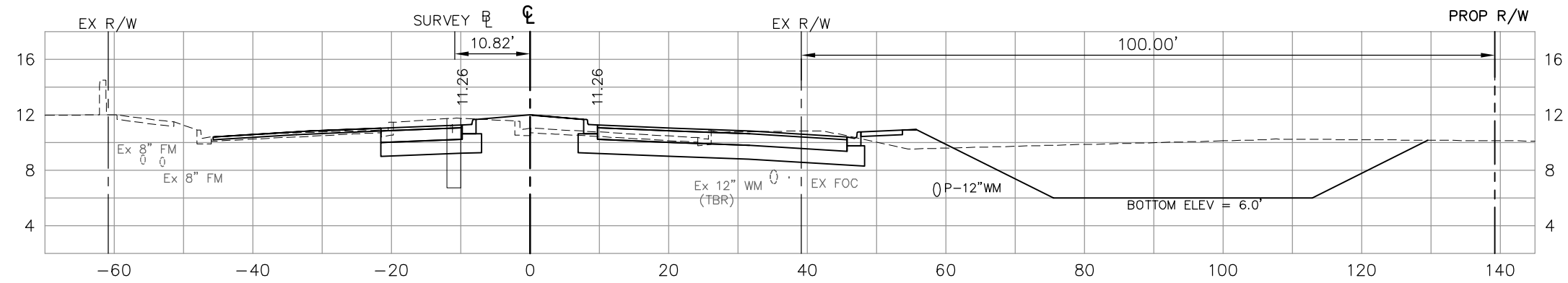
**AGNOLI
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BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	7508-XSEC2
PLOT VIEW/LAYOUT: XS-31	HORIZ SCALE: 1" = 20'	
CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 292+50 TO 294+00**

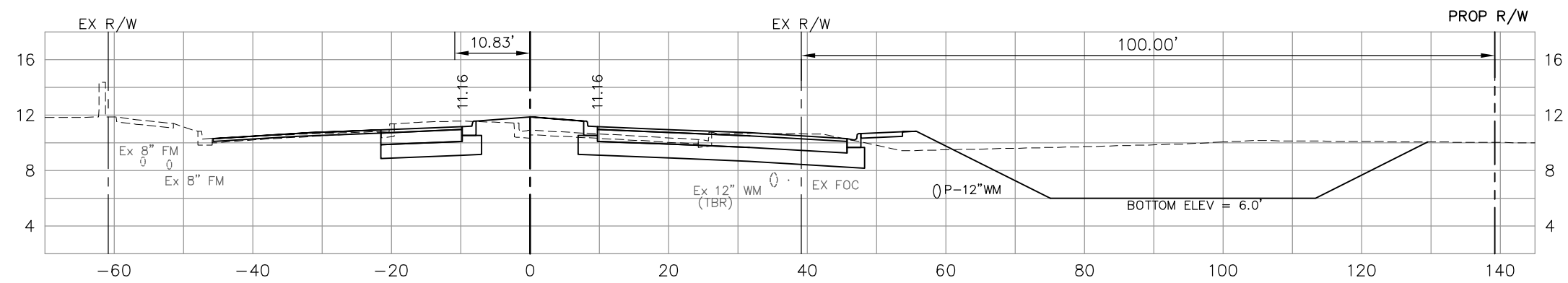
SHEET **122**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



296+00

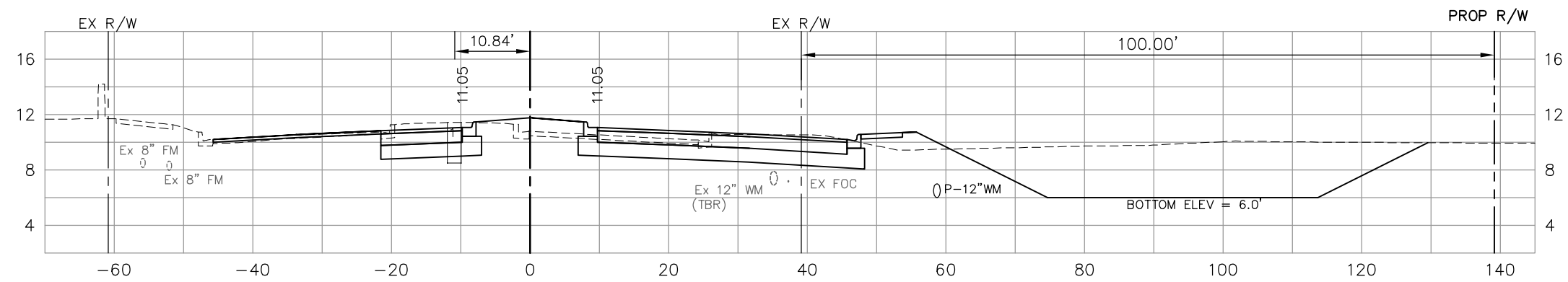
51		14	
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295+50

	94		27
--	----	--	----

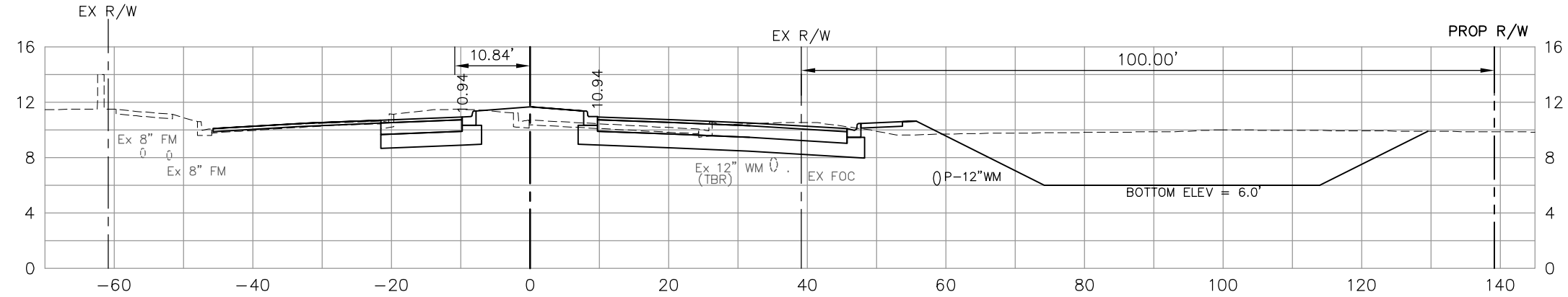
50		15	
----	--	----	--



295+00

	93		28
--	----	--	----

50		15	
----	--	----	--



294+50

	95		25
--	----	--	----

53		12	
----	--	----	--

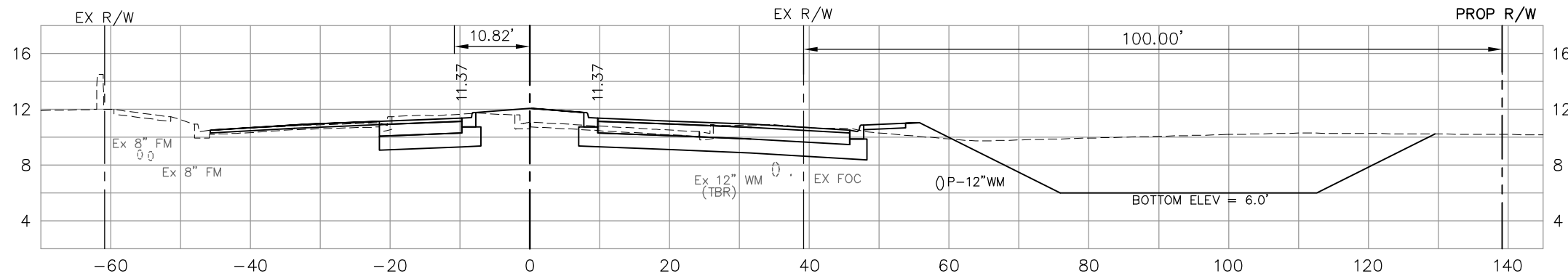
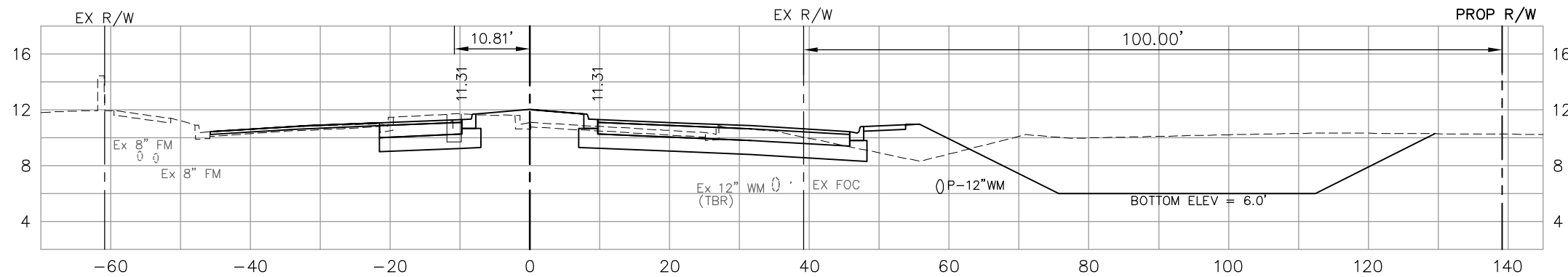
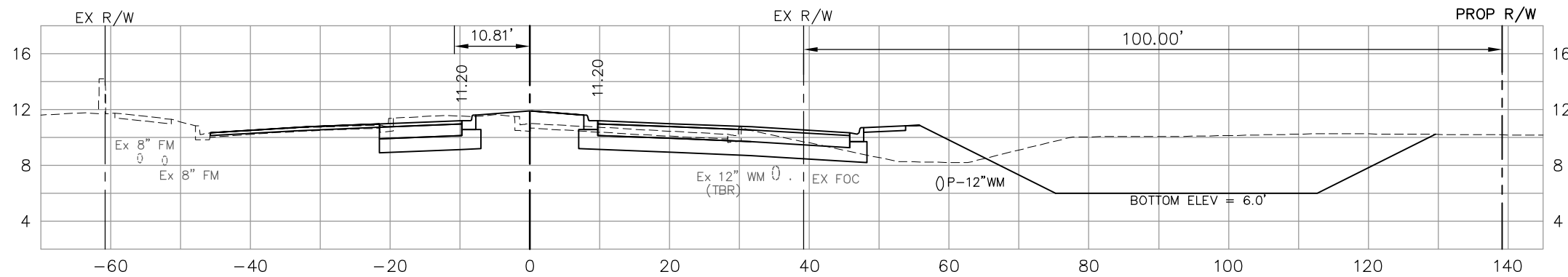
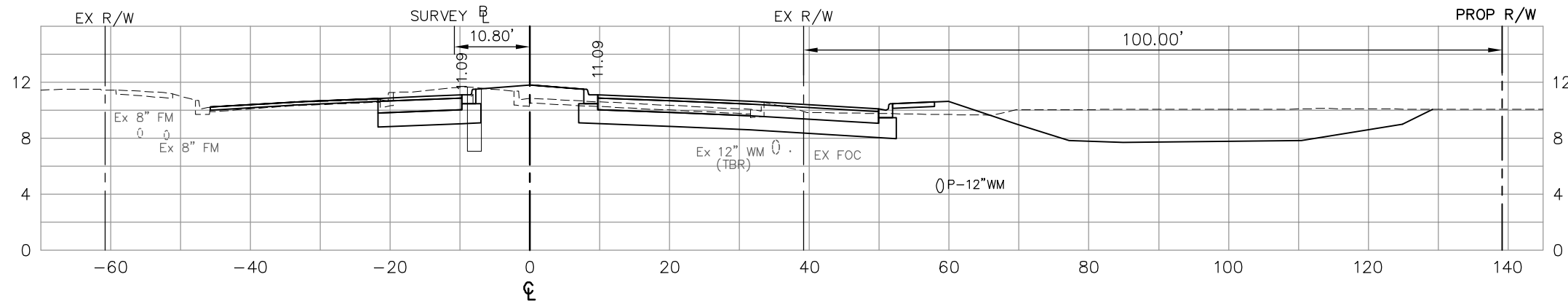
	93		21
--	----	--	----

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION		DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 294+50 TO 296+00
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	VERT SCALE: 1" = 5'	ACAD DWG: 7508-XSEC2
		REVIEWED BY: DWB	11x17 PLOT	HORIZ SCALE: 1" = 20'	
		PLOT VIEW/LAYOUT: XS-32	VERT SCALE: 1" = 10'		
		CTB NAME: 8000-ROAD			

SHEET **123**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V

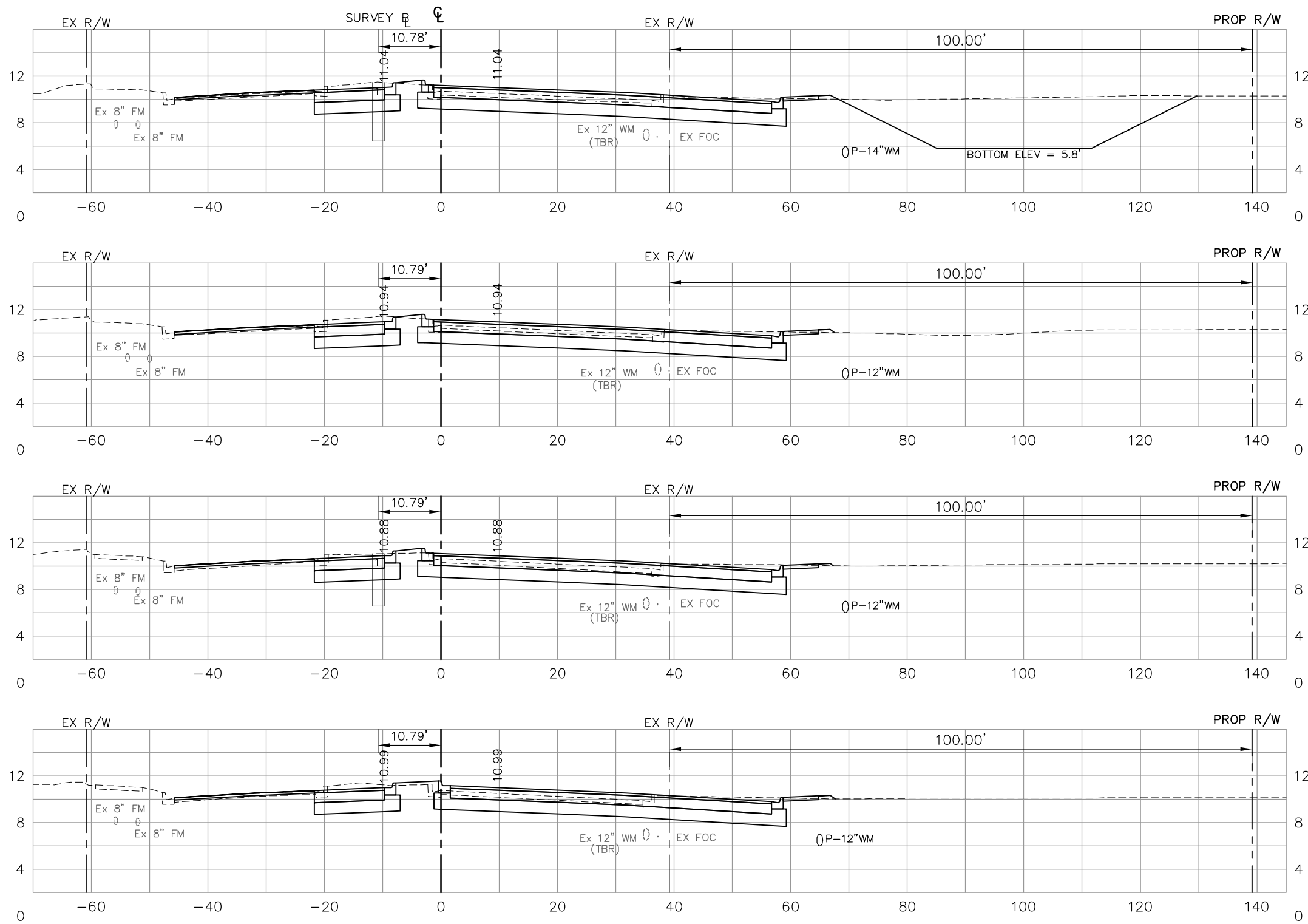


298+00	44	13		
297+50	35	26	73	36
297+00	39	24	69	46
296+50	47	15	80	36
			91	27

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION		DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 296+50 TO 298+00
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC2	SHEET 124 OF 147 FILE NO. 7508
		REVIEWED BY: DWB	VERT SCALE: 1" = 5'		
		PLOT VIEW/LAYOUT: XS-33	HORIZ SCALE: 1" = 20'		
		CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'		

Regular		Exc.		Embankment	
A	V	A	V	A	V



300+00

299+50

299+00

298+50

64 2

121 3

67 1

124 3

67 2

121 4

64 2

100 14

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

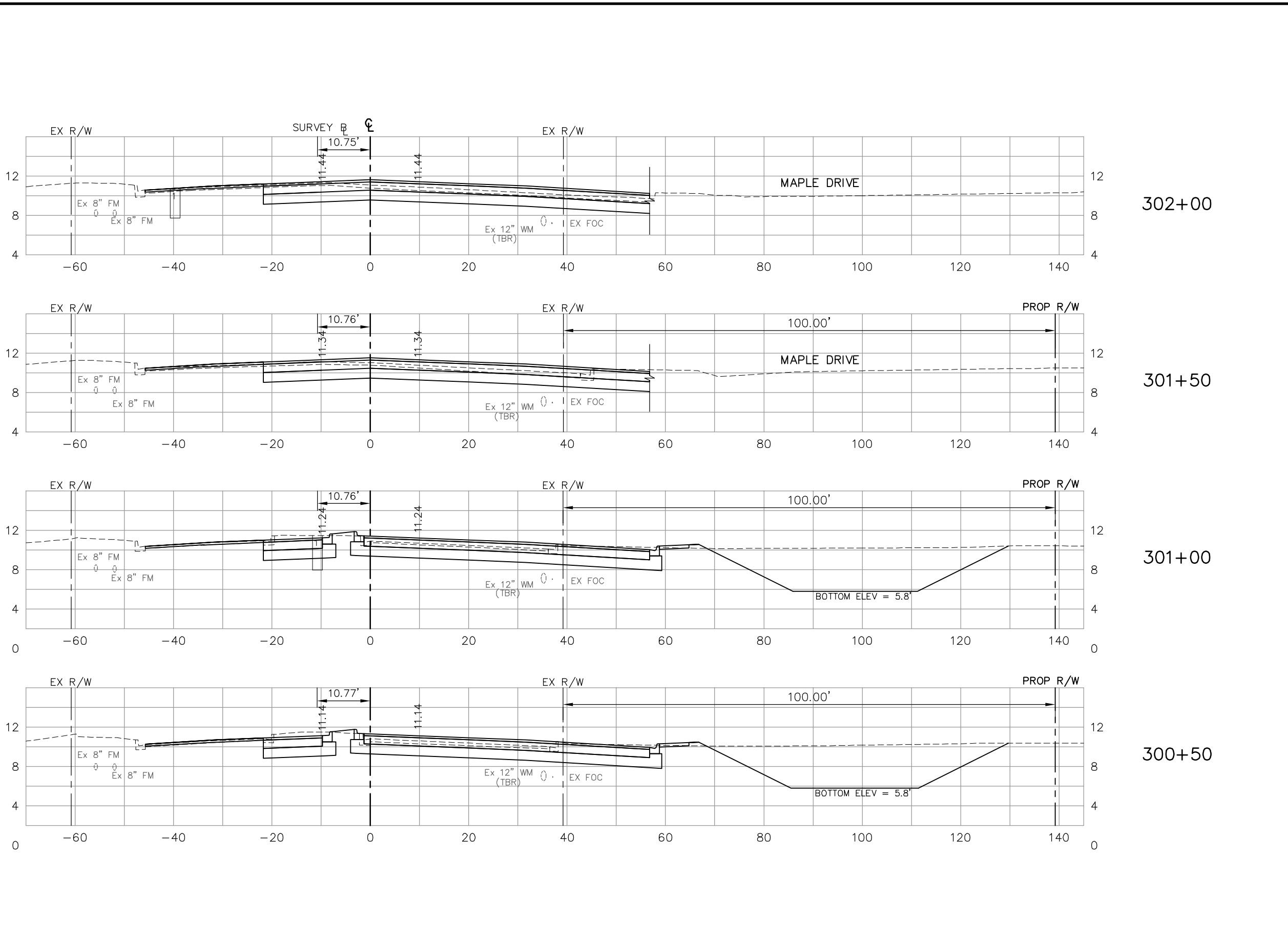
LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI BARBER & BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC2
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-34	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 298+50 TO 300+00**

SHEET 125
OF 147
FILE NO. 7508



	Regular Exc.		Embankment	
	A	V	A	V
302+00	43		0	
301+50	50	86	0	0
301+00	62	104	2	2
300+50	63	116	2	4
		118		4

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(239) 597-3111

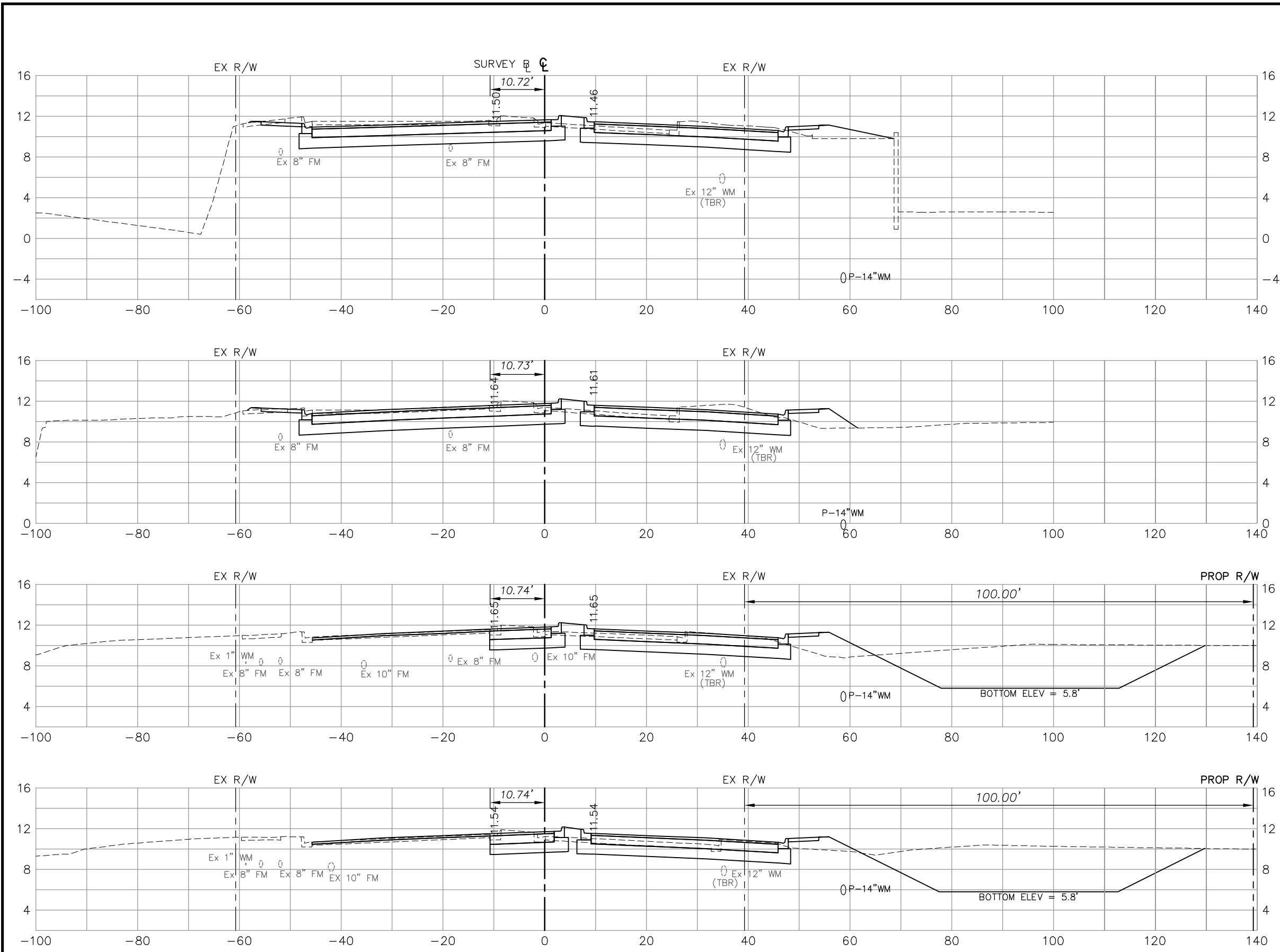
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: XS-35
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE: 100%
ABB PROJECT NO.: 7993
ACAD DWG: 7508-XSEC2

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 300+50 TO 302+00**

SHEET 126
OF 147
FILE NO. 7508



	Regular Exc.		Embankment	
	A	V	A	V
304+00	110		15	
303+50	90		16	
303+00	43	123	16	30
302+50	37	74	10	24
		185		29
			74	9

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

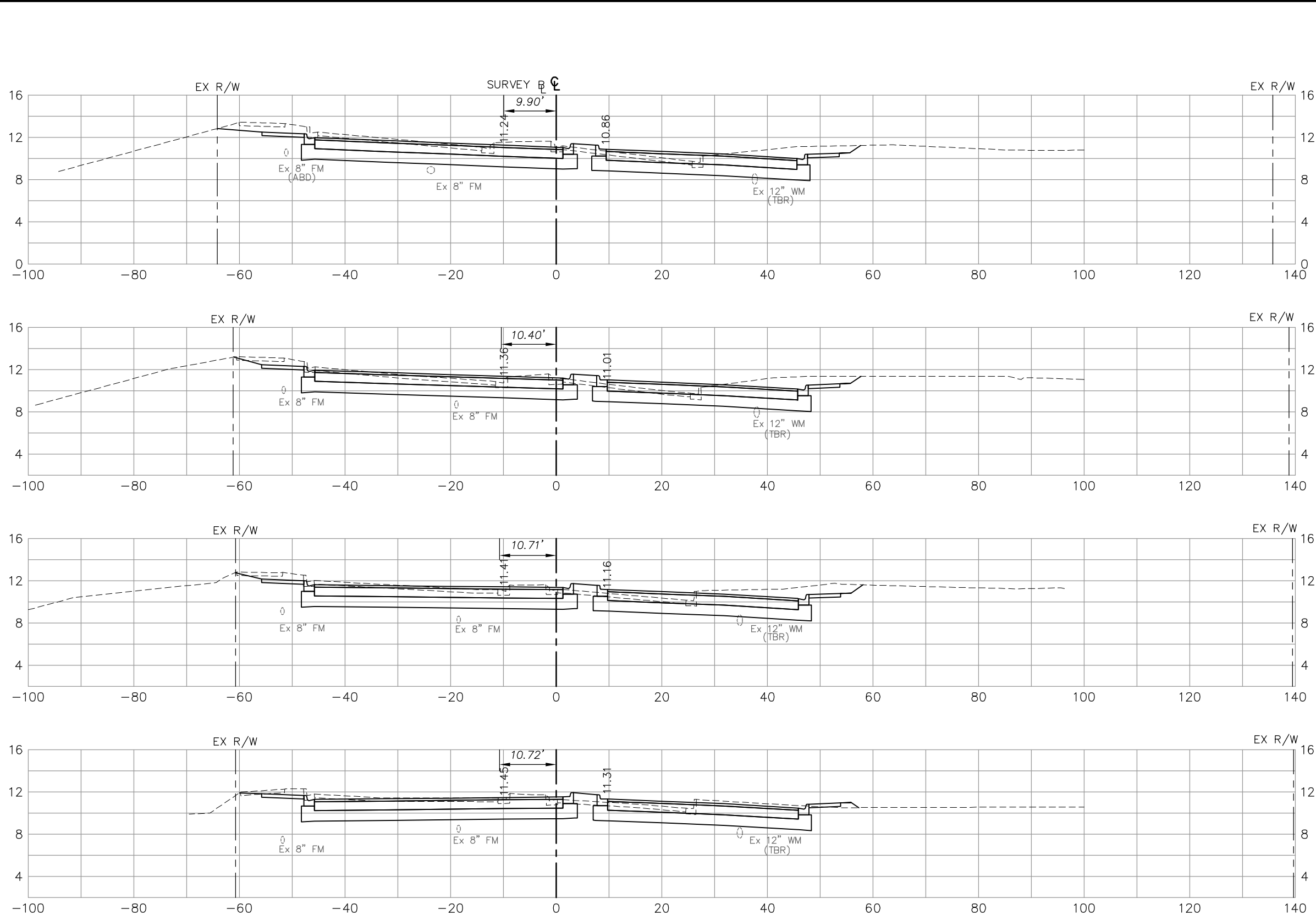
**LEE COUNTY
DEPT. OF TRANSPORTATION**

**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 750B-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-36	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

**TITLE: SUMMERLIN ROAD
CROSS SECTIONS
STAT 302+50 TO 304+00**

SHEET **127**
OF **147**
FILE NO. 7508



Station	Regular Exc.		Embankment	
	A	V	A	V
306+00	126		2	
305+50	105	214	2	4
305+00	117	206	3	5
304+50	104	205	4	6
		198		18

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

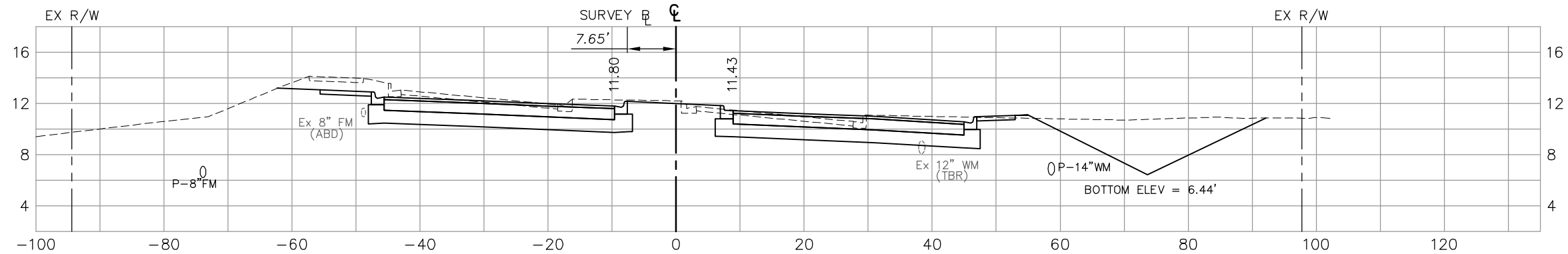
Professional engineers, planners, & land surveyors
Collier County - Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-37	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

**SUMMERLIN ROAD
CROSS SECTIONS
STAT 304+50 TO 306+00**

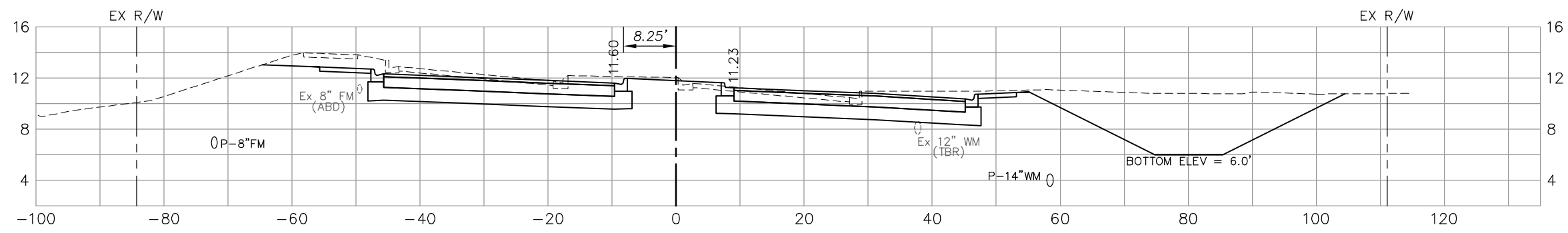
SHEET **128**
OF **147**
FILE NO. 7508

Regular Exc.		Embankment	
A	V	A	V



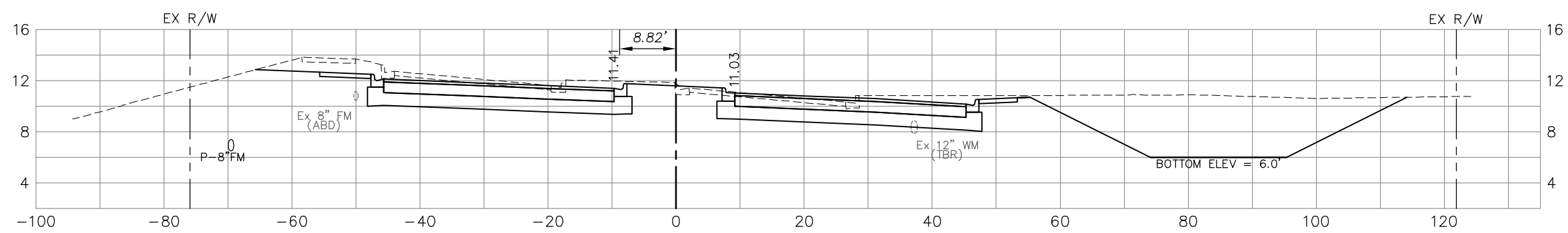
308+00

114		2	
-----	--	---	--



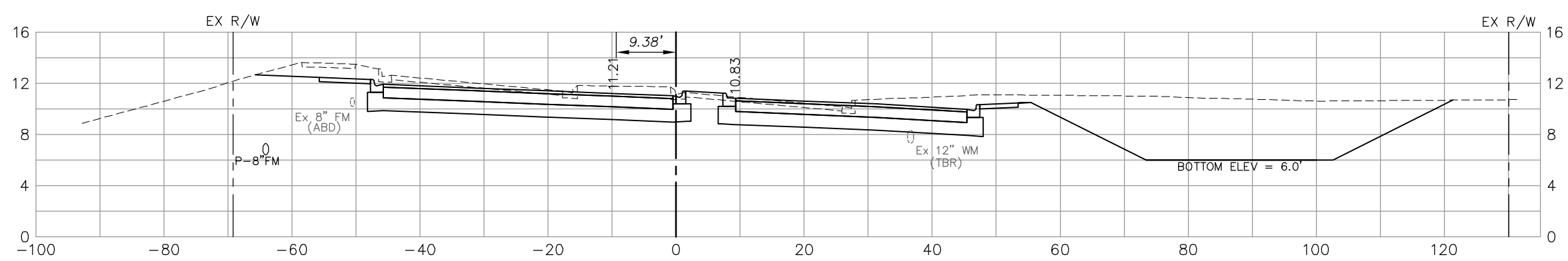
307+50

124		1	
-----	--	---	--



307+00

129		1	
-----	--	---	--



306+50

151		1	
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220

234

259

256

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

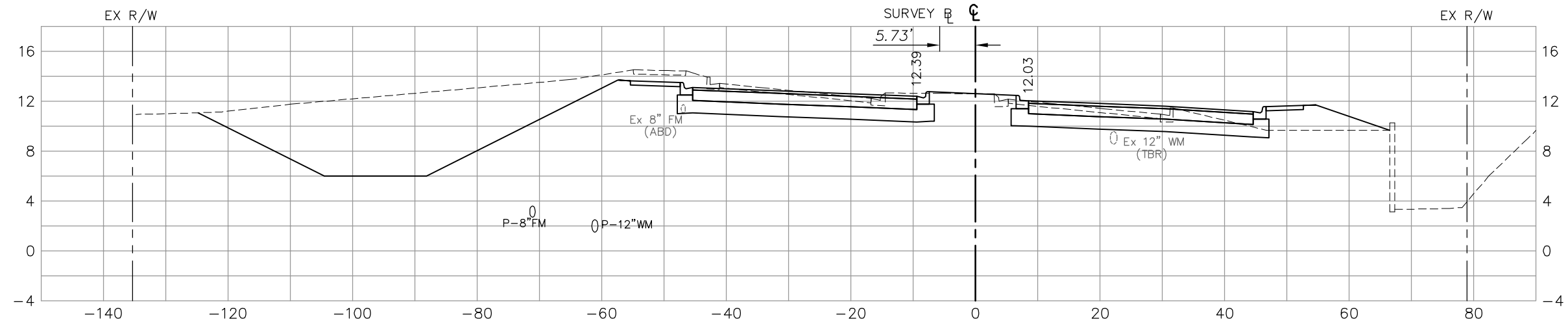
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-38	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STAT 306+50 TO 308+00

SHEET **129**
OF **147**
FILE NO. **7508**

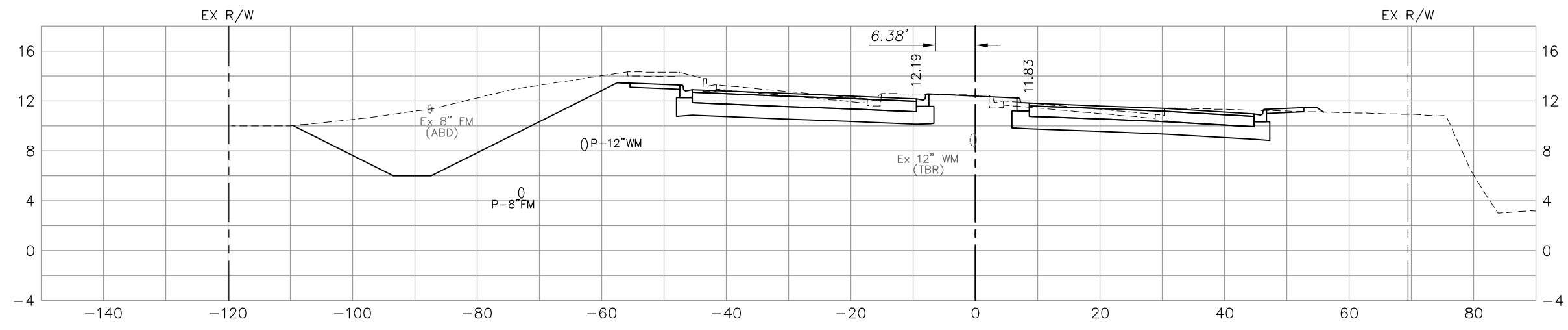
Regular Exc.		Embankment	
A	V	A	V



309+50

83

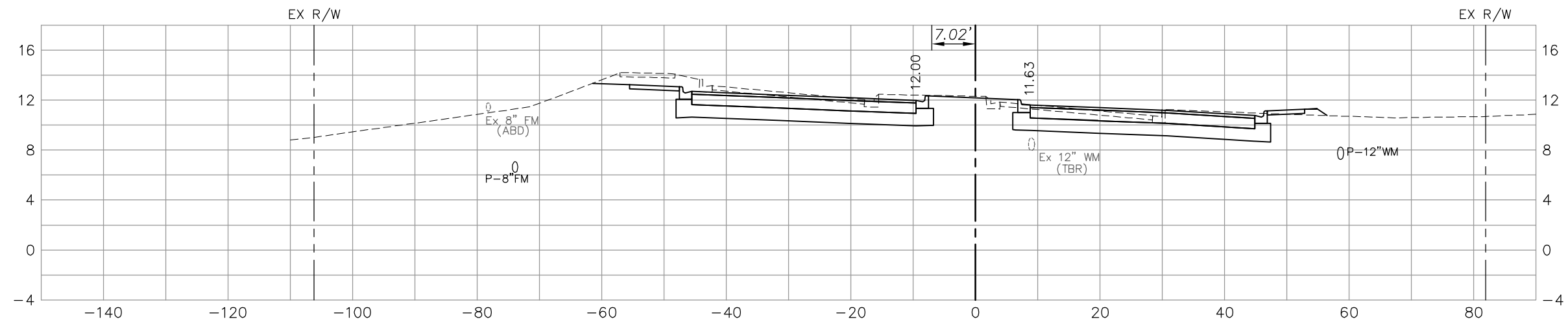
27



309+00

104

2



308+50

107

3

173

27

195

5

205

5

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

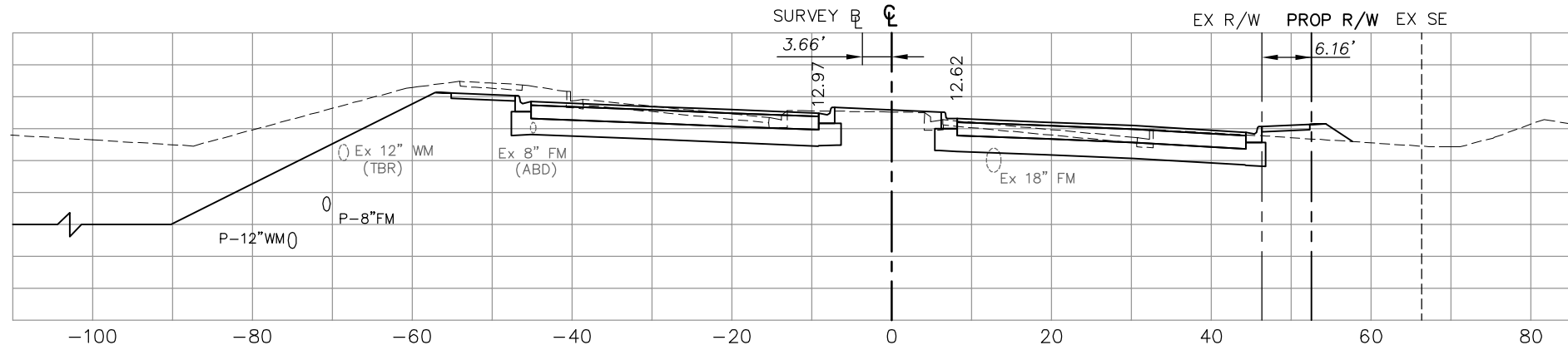
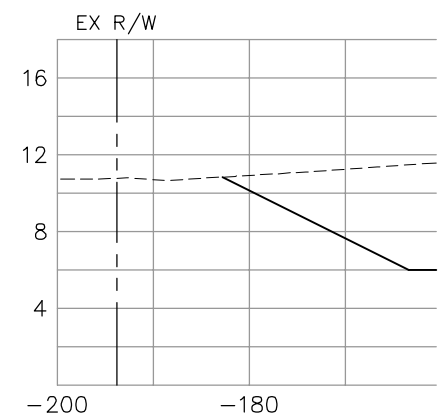
AGNOLI
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-39	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STAT 308+50 TO 309+00

SHEET **130**
OF **147**
FILE NO. **7508**

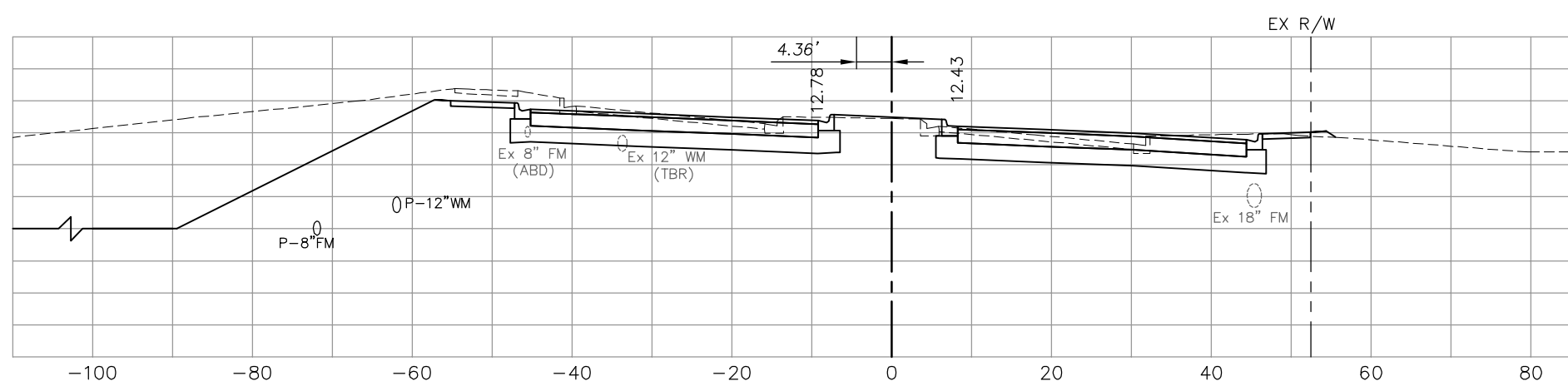
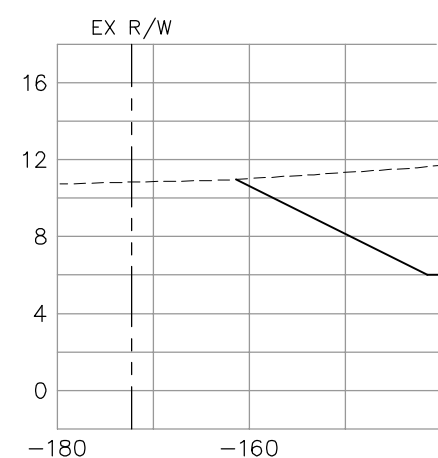
Regular Exc.		Embankment	
A	V	A	V



311+00

83

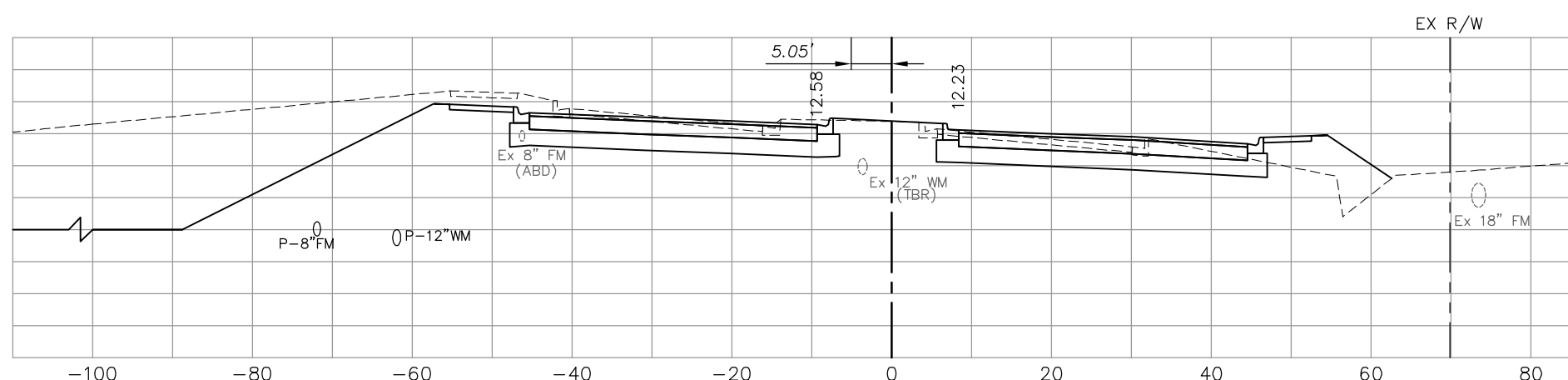
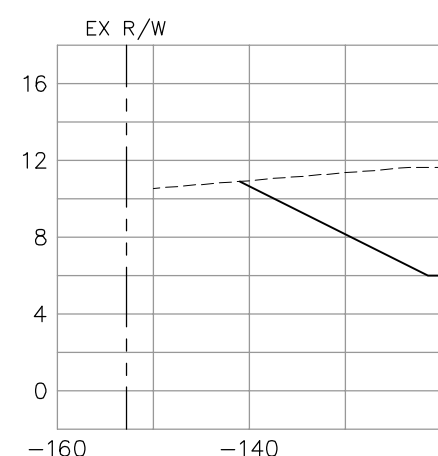
4



310+50

92

2



310+00

86

35

162

6

165

34

156

57

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

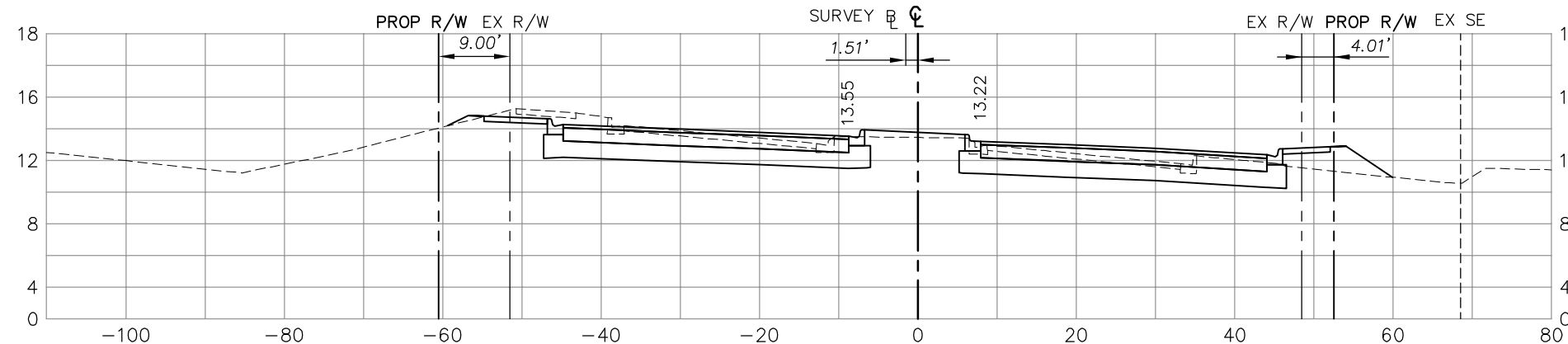
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BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-40	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
SUMMERLIN ROAD
CROSS SECTIONS
STAT 310+00 TO 311+00

SHEET **131**
OF **147**
FILE NO. **7508**

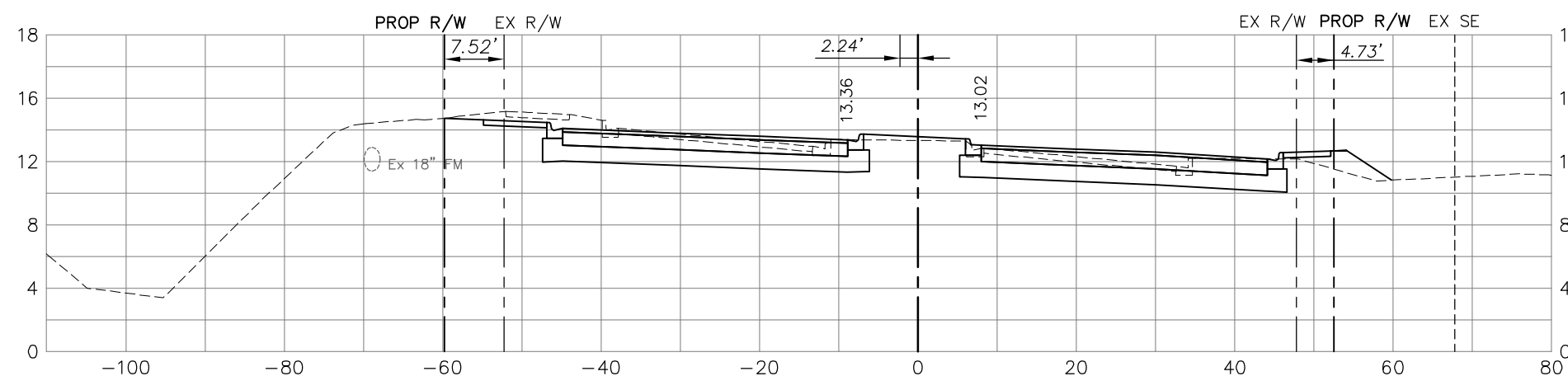
Regular Exc.		Embankment	
A	V	A	V



312+50

66

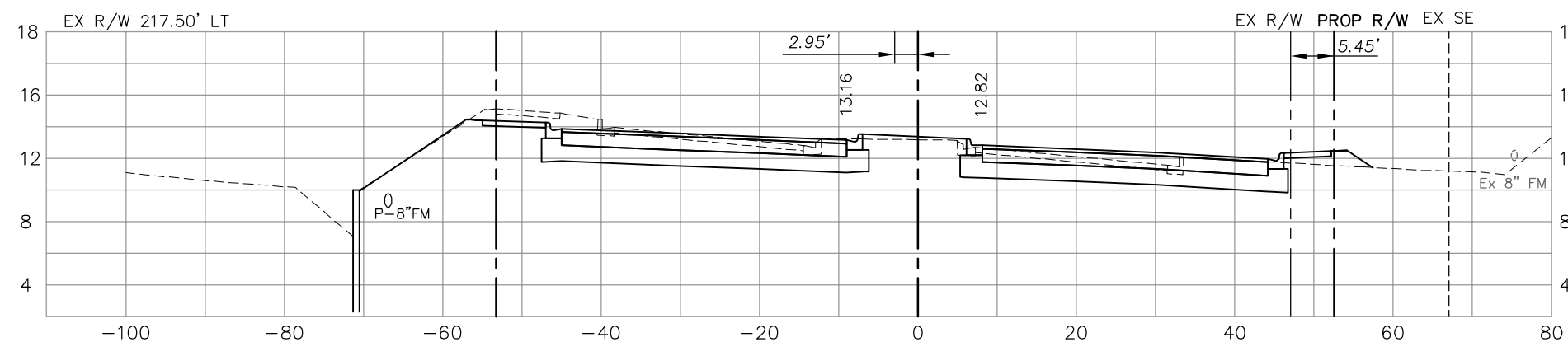
18



312+00

75

11



311+50

79

8

150

11

143

18

131

27

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: XS-41
CTB NAME: 8000-ROAD

DATE: AUGUST 2007
24x36 PLOT
HORIZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'

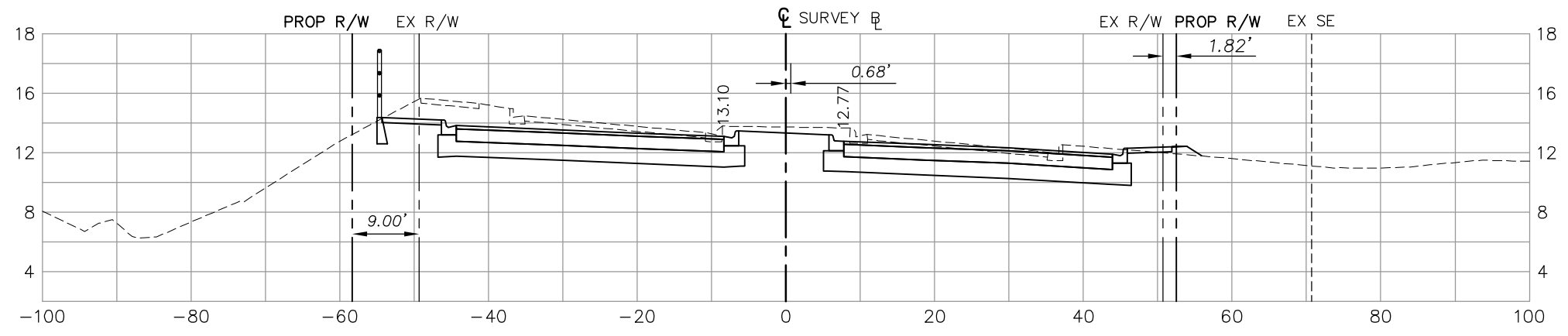
11x17 PLOT
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

PLAN STAGE
100%
ABB PROJECT NO.
7993
ACAD DWG:
7508-XSEC3

TITLE:
SUMMERLIN ROAD
CROSS SECTIONS
STAT 311+50 TO 312+50

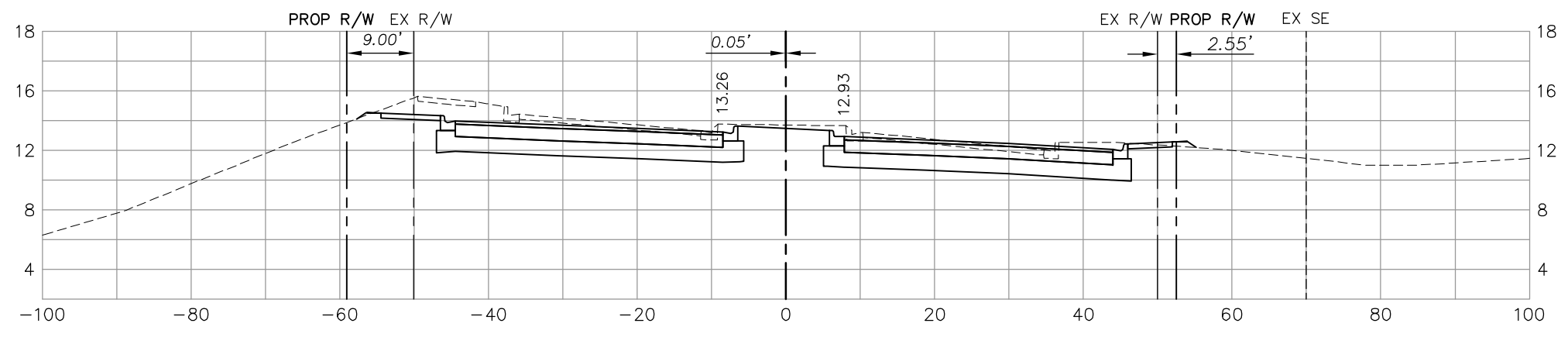
SHEET 132
OF 147
FILE NO. 7508

Regular Exc.		Embankment	
A	V	A	V



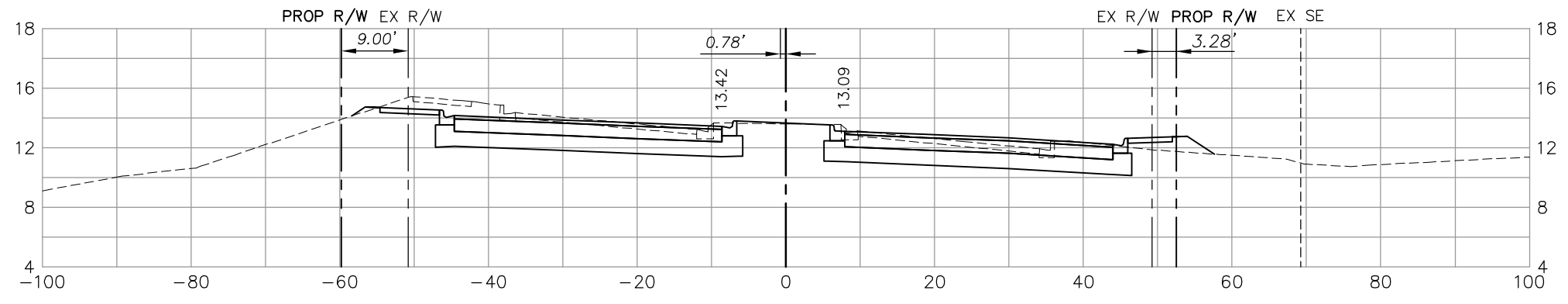
314+00

142		2	
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313+50

	247		4
125		2	

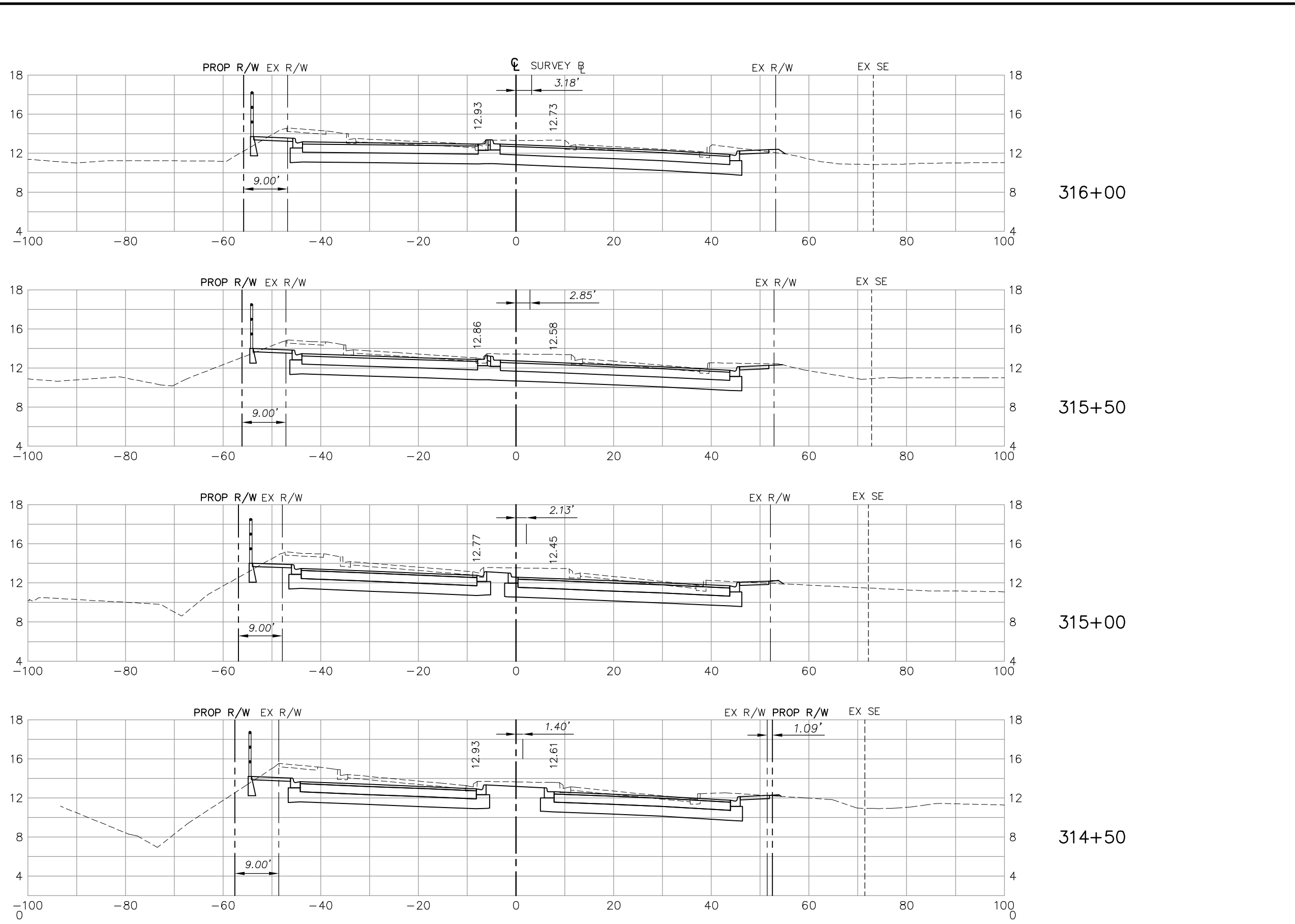


313+00

	201		9
92		8	
	146		24

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION		DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%	TITLE: SUMMERLIN ROAD CROSS SECTIONS STAT 313+00 TO 314+00
		DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993	
		CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG:	SHEET 133 OF 147 FILE NO. 7508
		REVIEWED BY: DWB	VERT SCALE: 1" = 5'	11X17 PLOT	
		PLOT VIEW/LAYOUT: XS-42	HORIZ SCALE: 1" = 20'	7508-XSEC3	
		CTB NAME: 8000-ROAD	VERT SCALE: 1" = 10'		



	Regular Exc.		Embankment	
	A	V	A	V
316+00	137		2	
315+50	153	269	0	2
315+00	160	290	1	1
314+50	151	288	1	2
	271			3

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

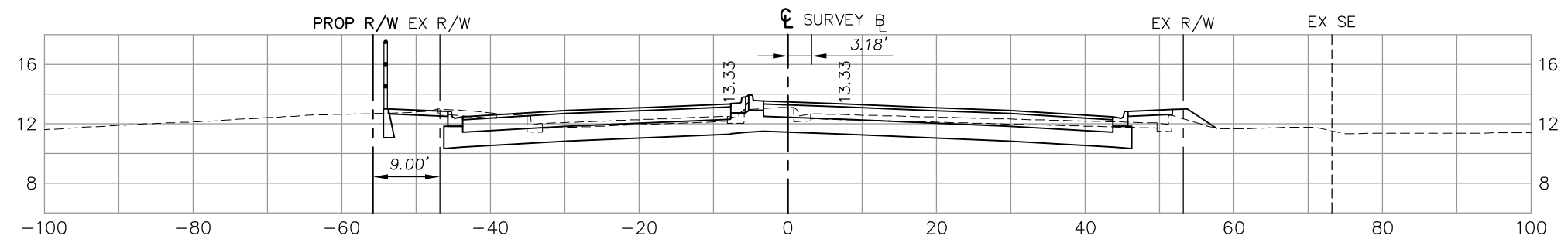
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-43	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STAT 314+50 TO 316+00

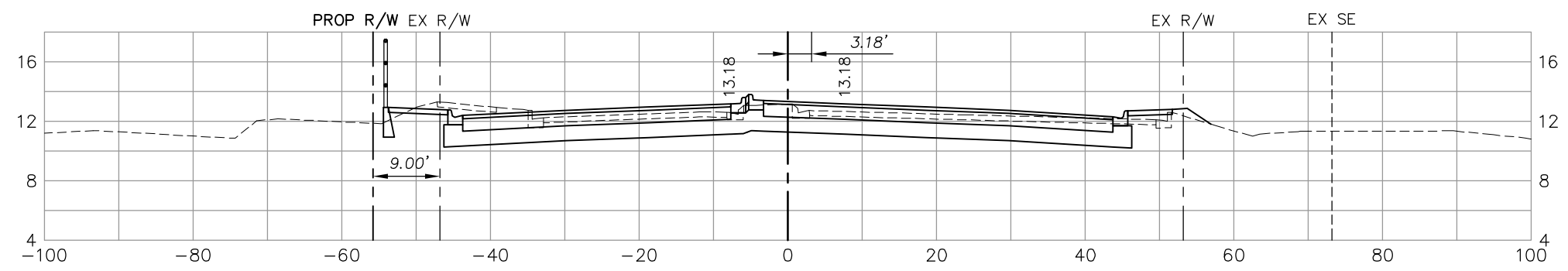
SHEET **134**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



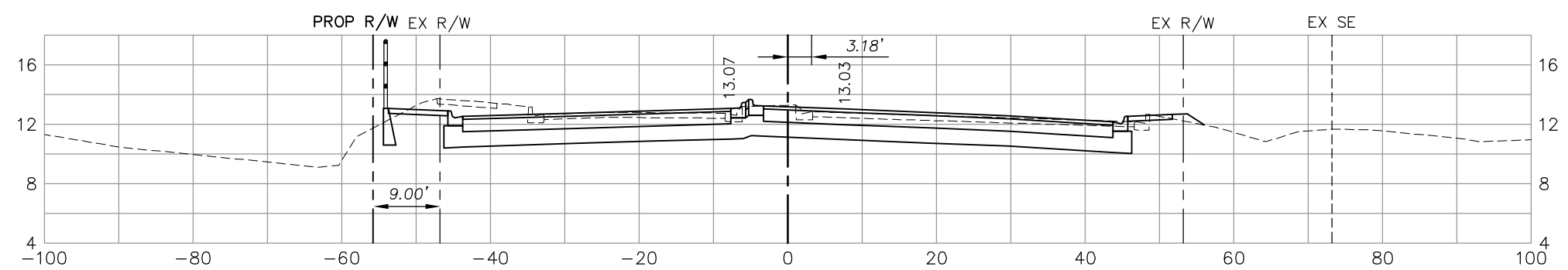
318+00

44		6	
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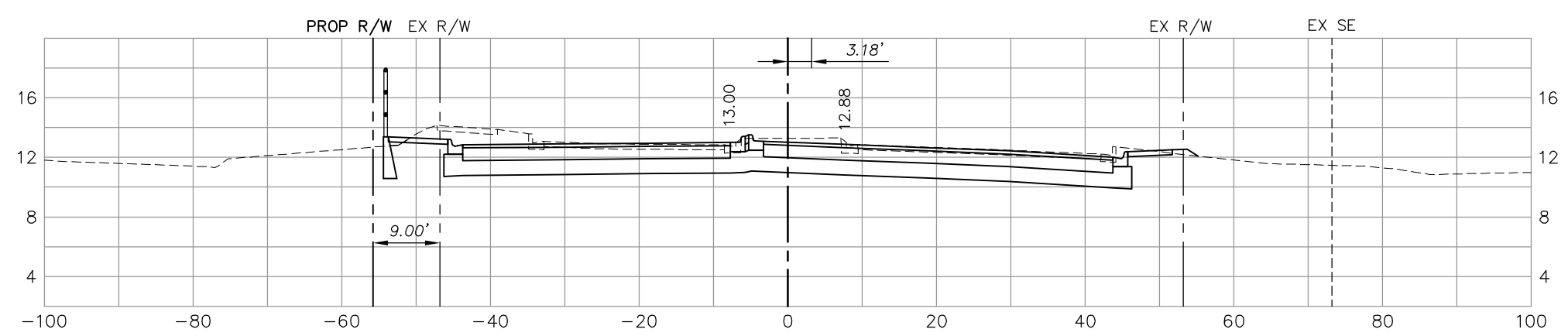
317+50

69		4	
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317+00

98		2	
----	--	---	--



316+50

118		1	
-----	--	---	--

105

155

200

236

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

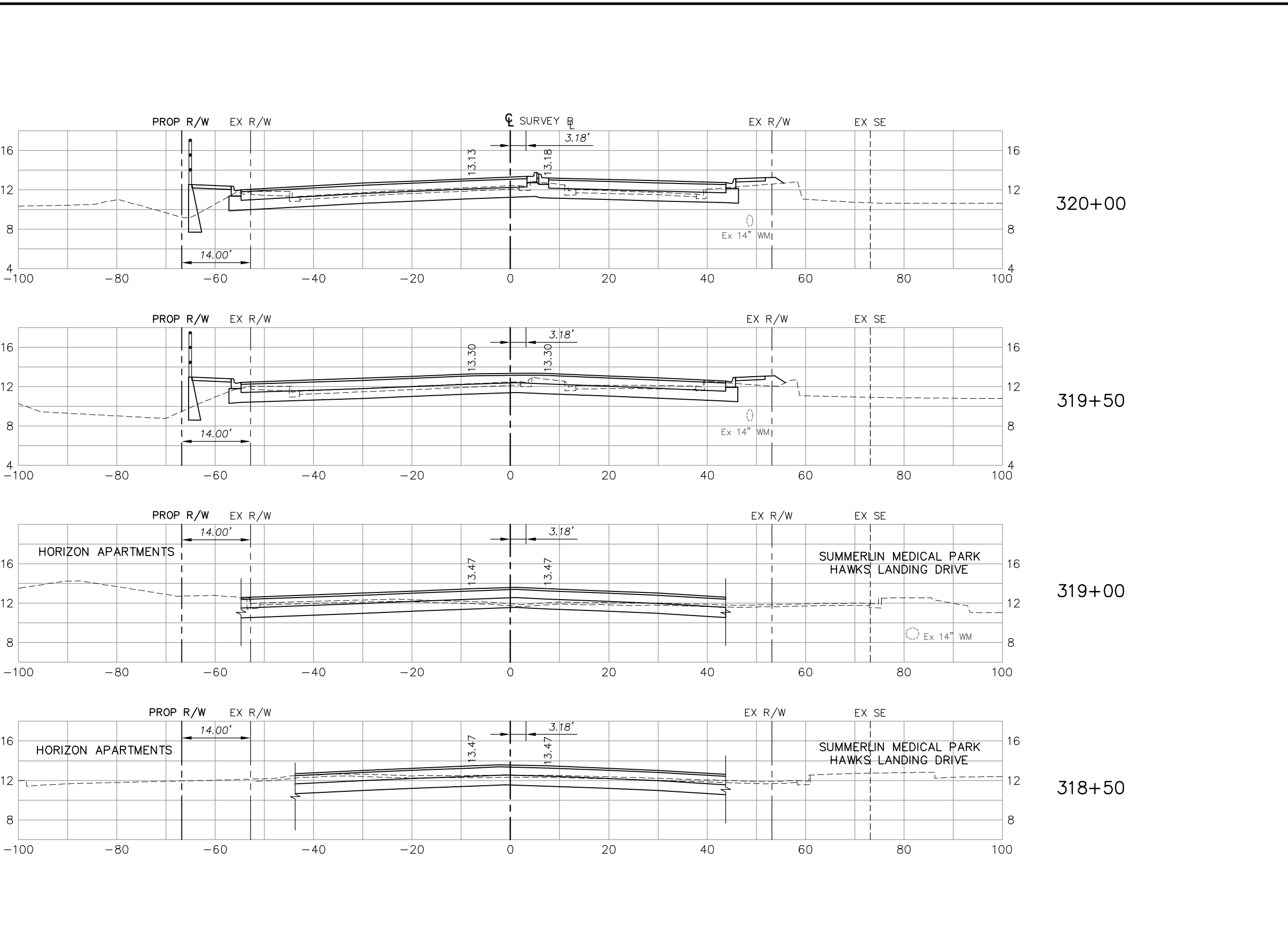
LEE COUNTY
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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-44	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
SUMMERLIN ROAD
CROSS SECTIONS
STAT 315+50 TO 318+00

SHEET **135**
OF **147**
FILE NO. **7508**



Regular Exc.		Embankment	
A	V	A	V
22		21	
	43		38
24		20	
	38		30
17		12	
	41		12
27		1	
	66		6

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

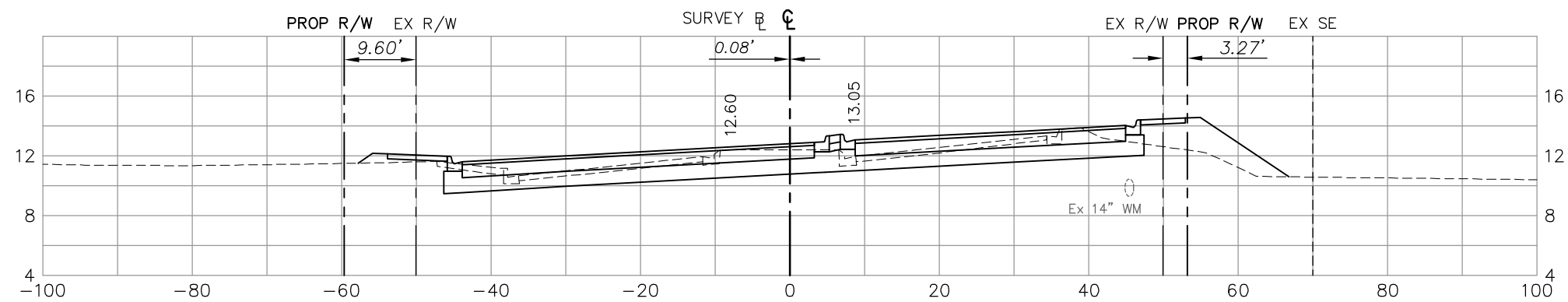
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-45	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

**TITLE: SUMMERLIN ROAD
CROSS SECTIONS
STAT 318+50 TO 320+00**

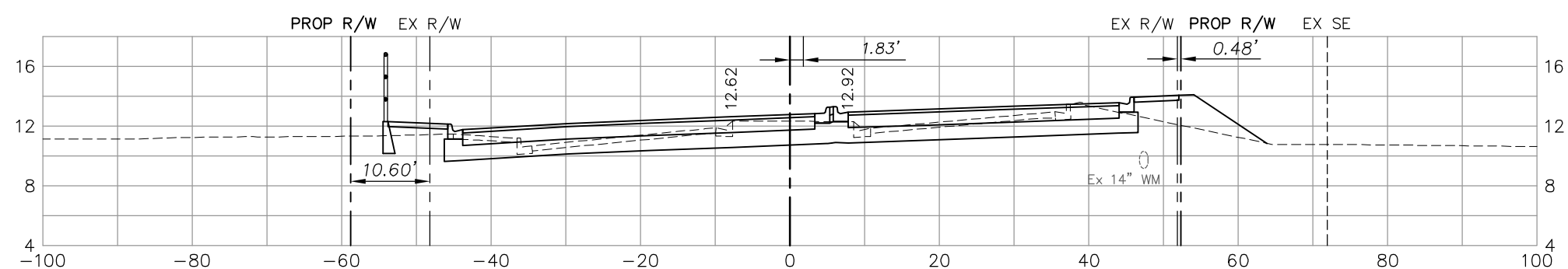
SHEET **136**
OF **147**
FILE NO. **7508**

Regular		Exc.		Embankment	
A	V	A	V	A	V



322+00

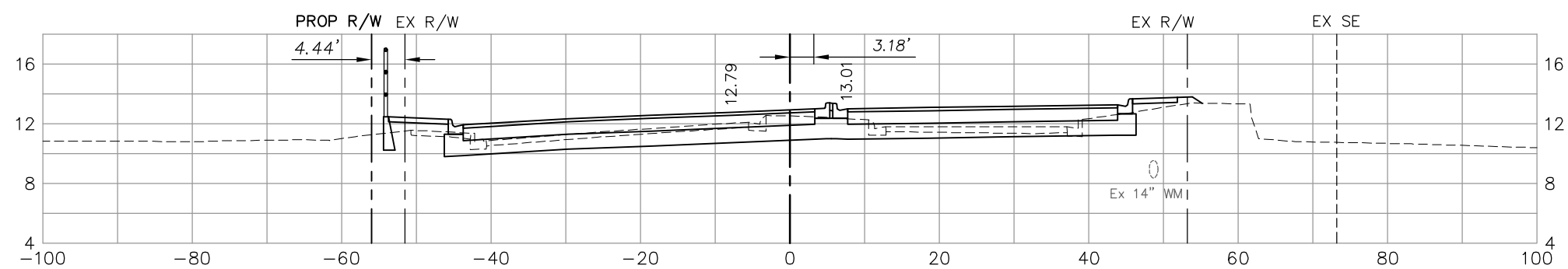
34 37



321+50

59 62

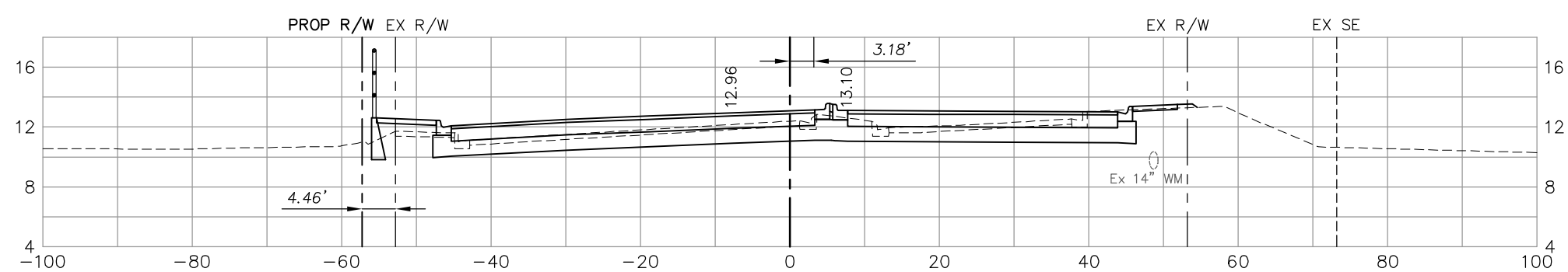
30 30



321+00

41 44

14 17



320+50

37 21

26 6

44 25

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

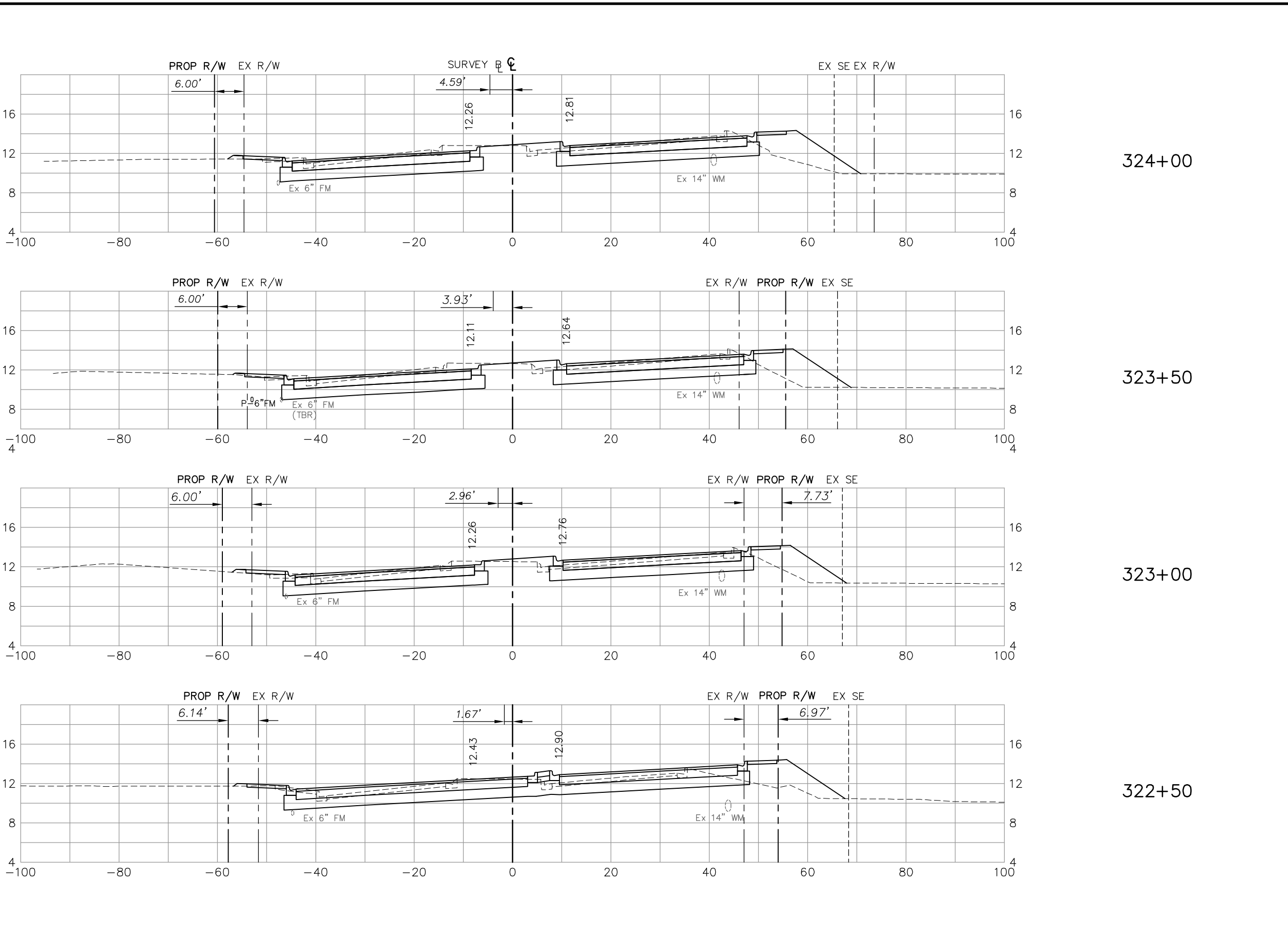
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(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-46	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE:
SUMMERLIN ROAD
CROSS SECTIONS
STAT 320+50 TO 322+00

SHEET 137
OF 147
FILE NO. 7508



Station	Regular Exc.		Embankment	
	A	V	A	V
324+00	86		46	
323+50	86	159	43	82
323+00	69	144	38	75
322+50	51	111	43	75
		79		74

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

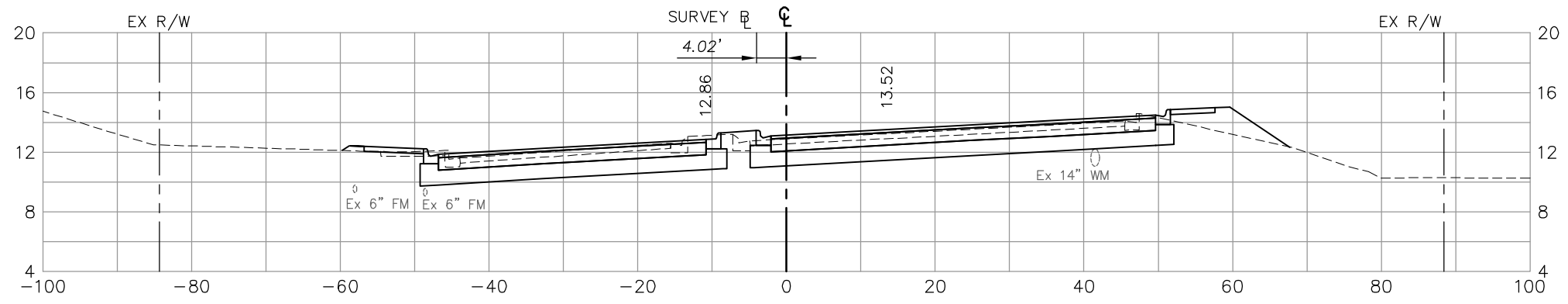
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-47	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STAT 322+50 TO 324+00

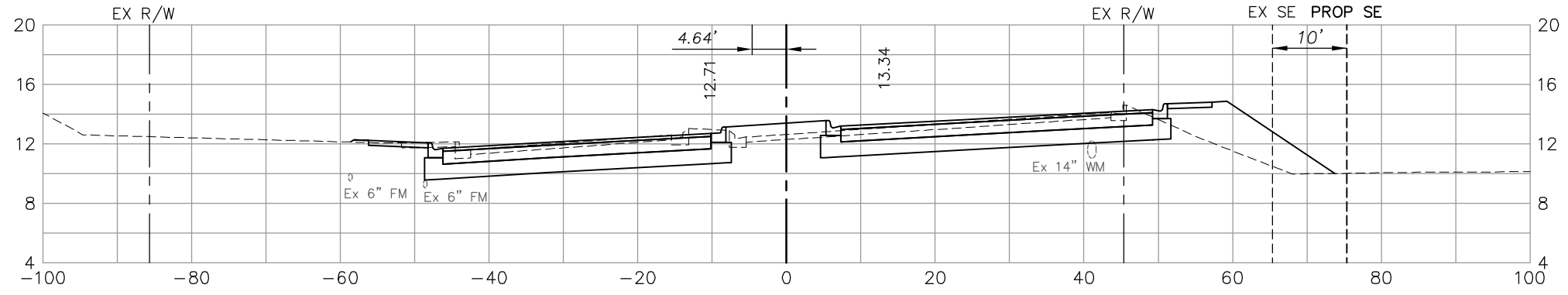
SHEET **138**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



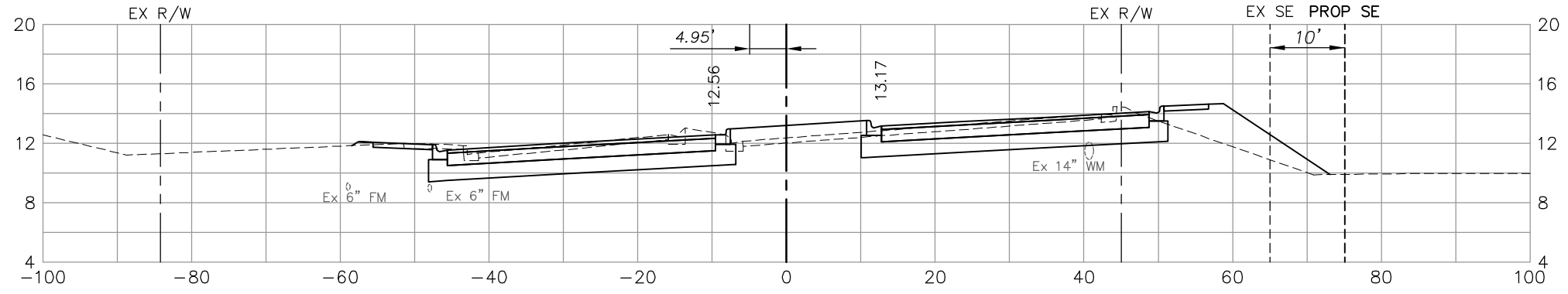
326+00

77 18



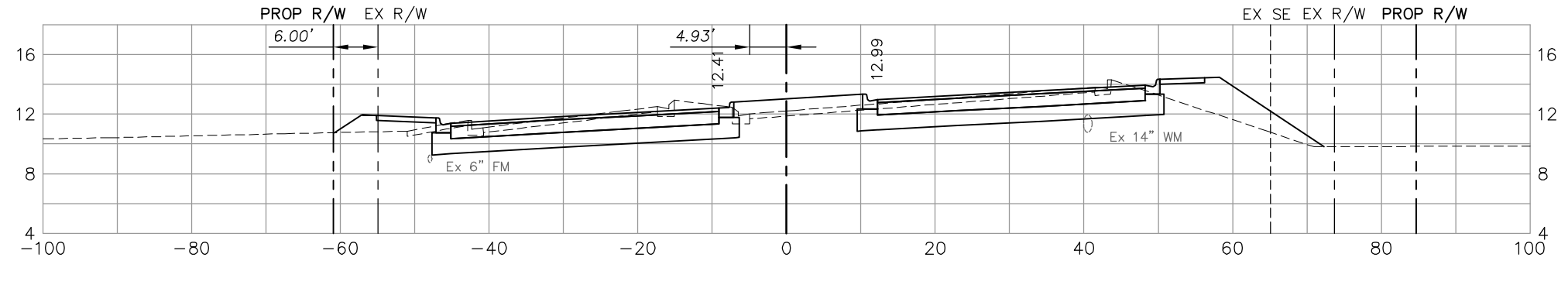
325+50

80 55



325+00

78 51



324+50

77 55

145 68

146 98

144 98

151 94

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

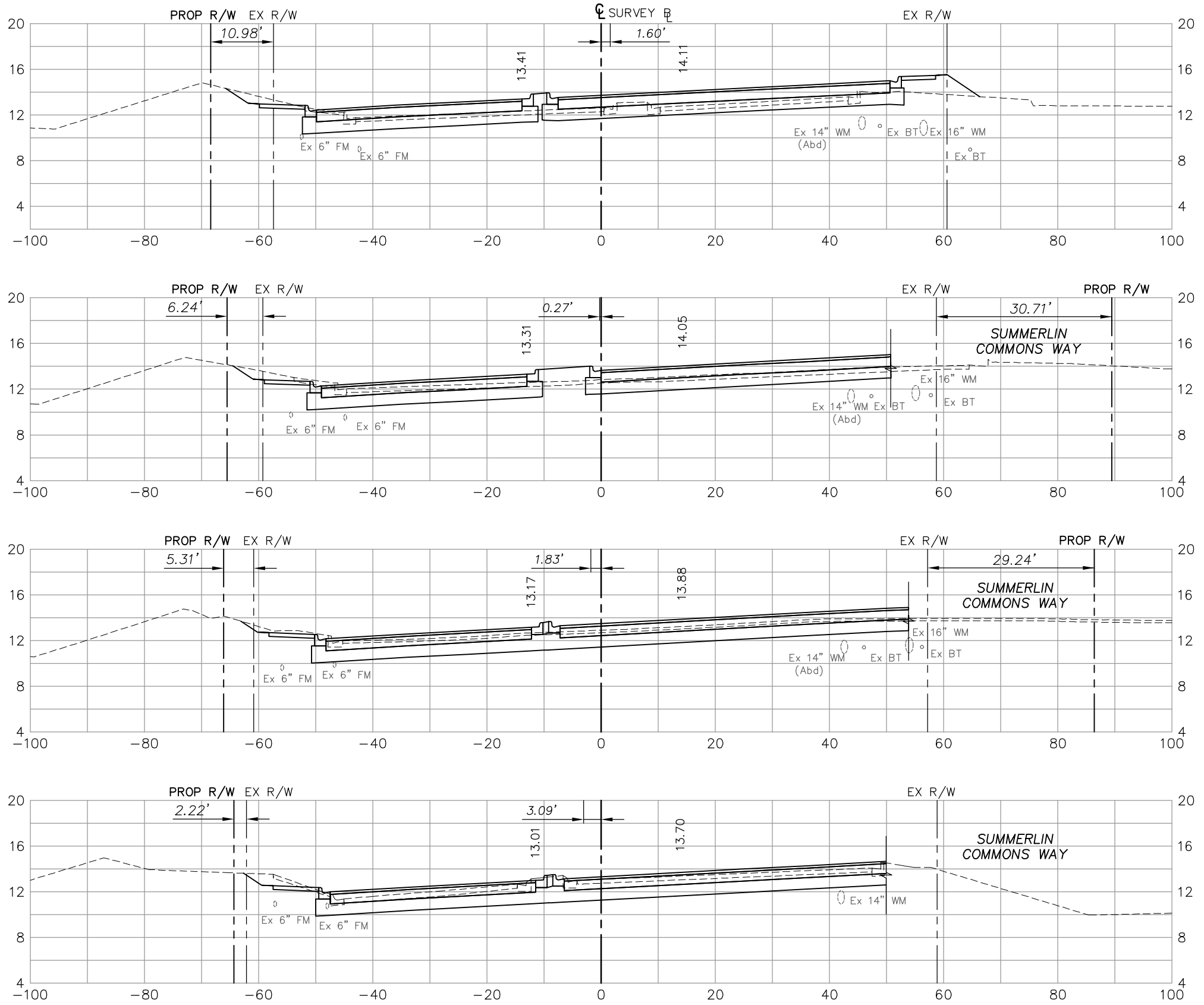
**LEE COUNTY
DEPT. OF TRANSPORTATION**

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Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-48	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 324+50 TO 326+00**

SHEET **139**
OF **147**
FILE NO. **7508**



328+00
 327+50
 327+00
 326+50

Regular Exc.		Embankment	
A	V	A	V
18	30		
	50		37
36	10		
	83		10
54	1		
	119		2
75	1		
	141		18

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

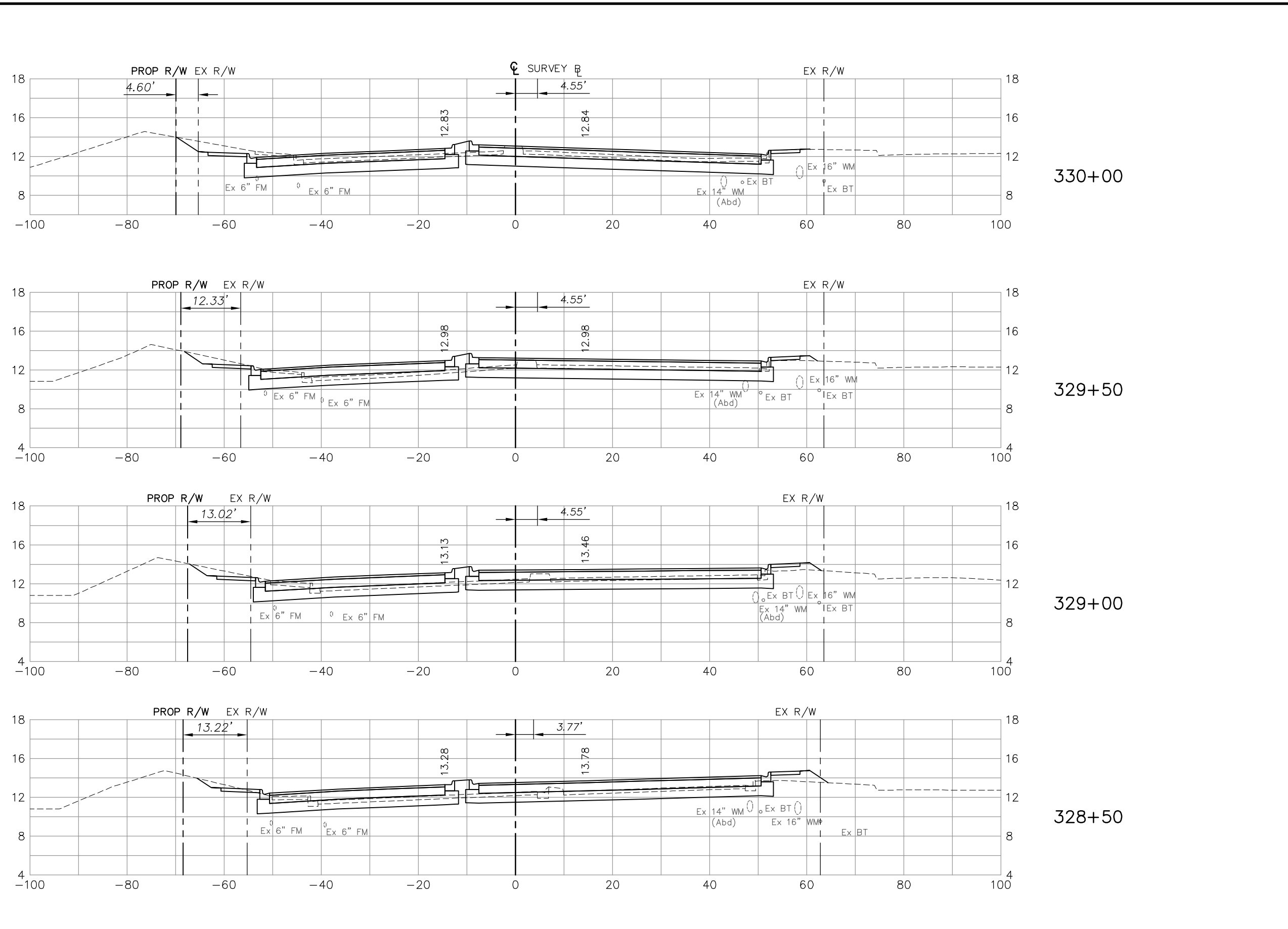
LEE COUNTY
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(239) 597-3111

DESIGNED BY: EFT DATE: AUGUST 2007 PLAN STAGE: 100%
 DRAWN BY: TAM 24x36 PLOT
 CHECKED BY: EFT HORIZ SCALE: 1" = 10' ABB PROJECT NO.: 7993
 REVIEWED BY: DWB VERT SCALE: 1" = 5'
 PLOT VIEW/LAYOUT: XS-49 11x17 PLOT ACAD DWG:
 CTB NAME: 8000-ROAD HORIZ SCALE: 1" = 20' 7508-XSEC3

TITLE: **SUMMERLIN ROAD**
CROSS SECTIONS
STAT 326+50 TO 328+00

SHEET **140**
OF **147**
FILE NO. **7508**



	Regular Exc.		Embankment	
	A	V	A	V
330+00	77		3	
329+50	39	107	10	12
329+00	10	45	34	41
328+50	17	25	16	46
	32		43	

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

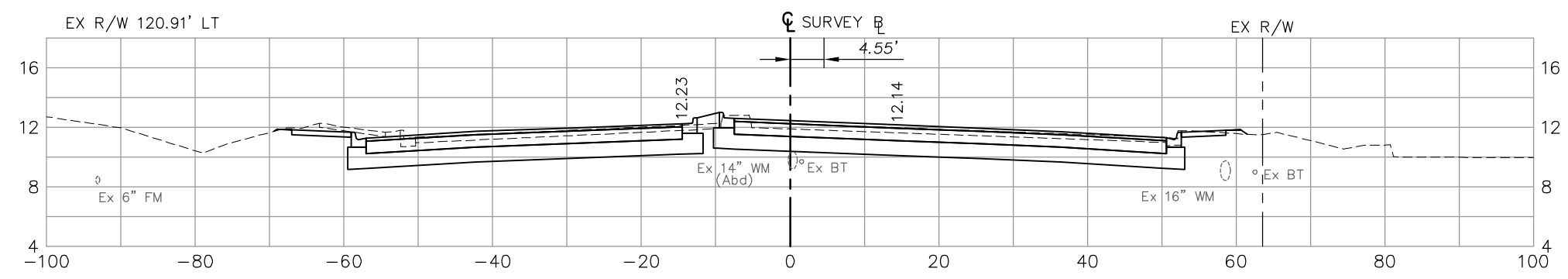
AGNOLI BARBER & BRUNDAGE, INC.
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DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-50	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD CROSS SECTIONS STAT 328+50 TO 330+00**

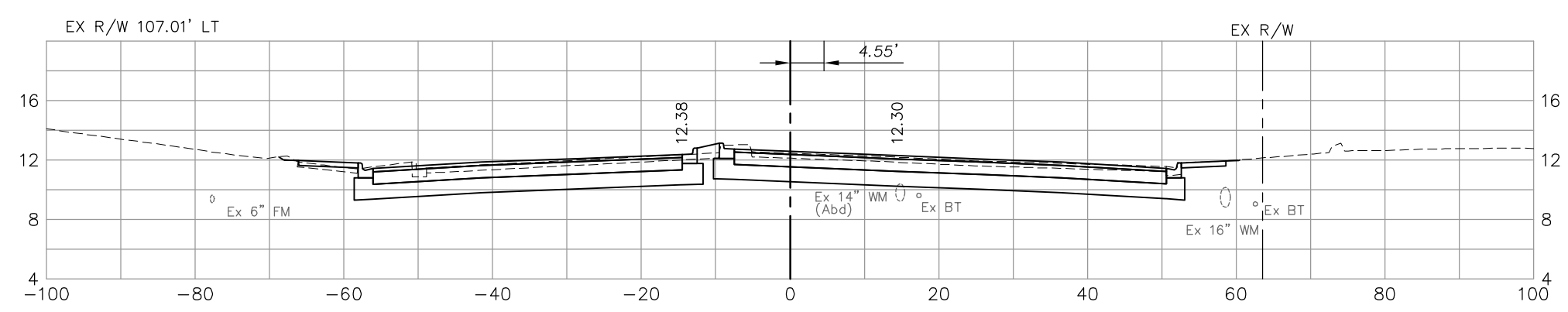
SHEET **141** OF **147**
FILE NO. 7508

Regular Exc.		Embankment	
A	V	A	V



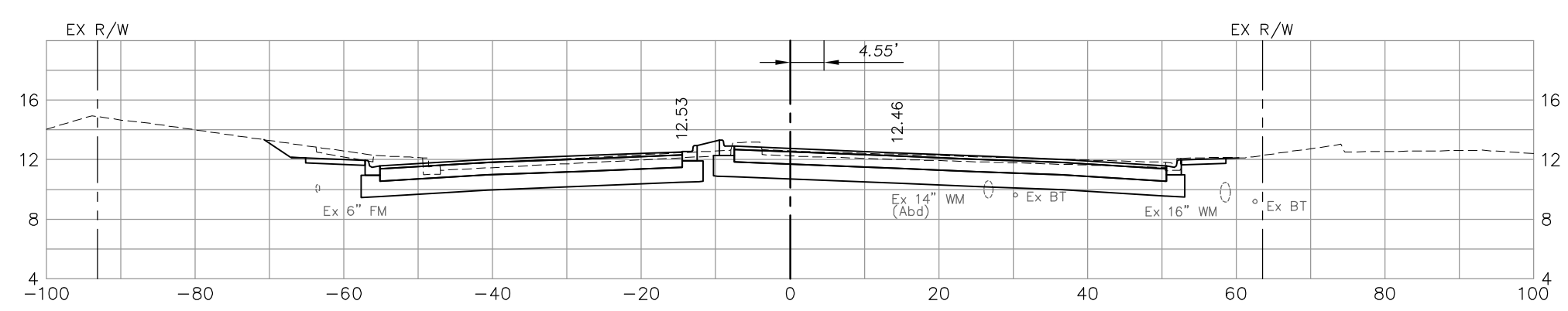
332+00

108		2	
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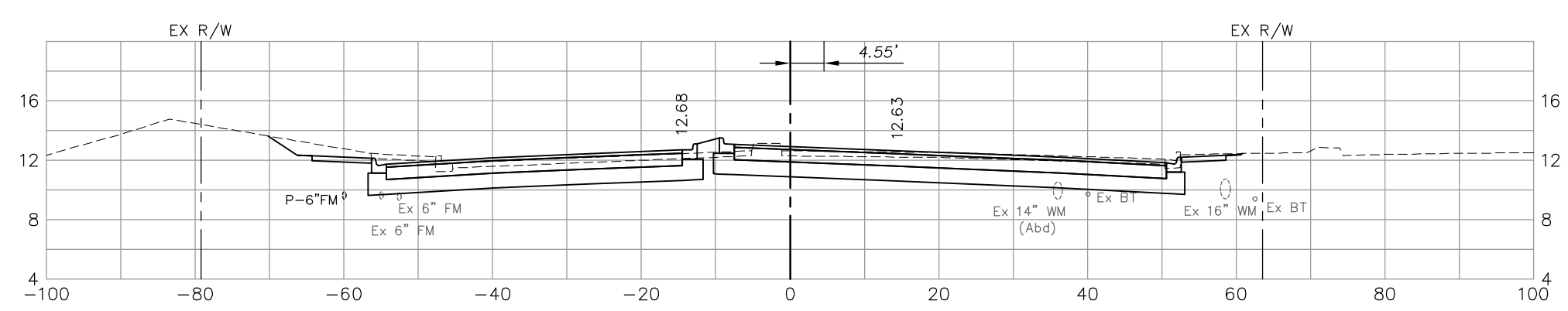
331+50

	232		3
--	-----	--	---



331+00

143		1	
-----	--	---	--



330+50

121		2	
-----	--	---	--

	220		4
--	-----	--	---

117		2	
-----	--	---	--

	180		5
--	-----	--	---

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

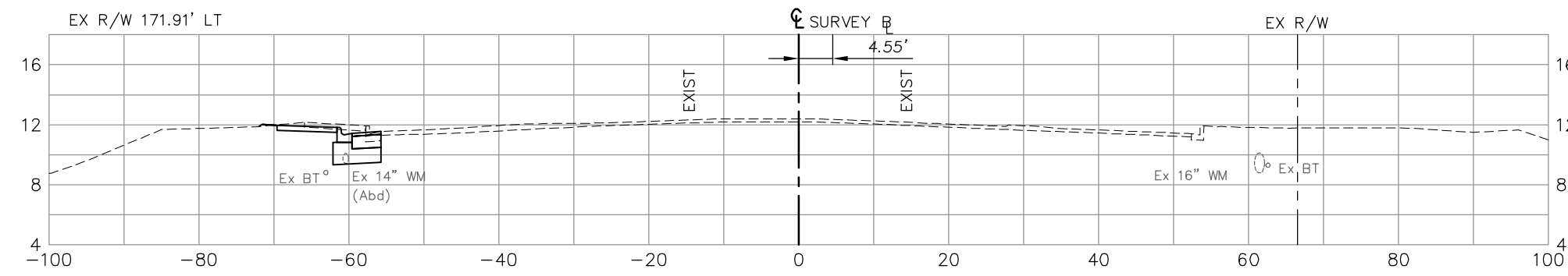
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BRUNDAGE, INC.
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(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-51	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 330+50 TO 332+00**

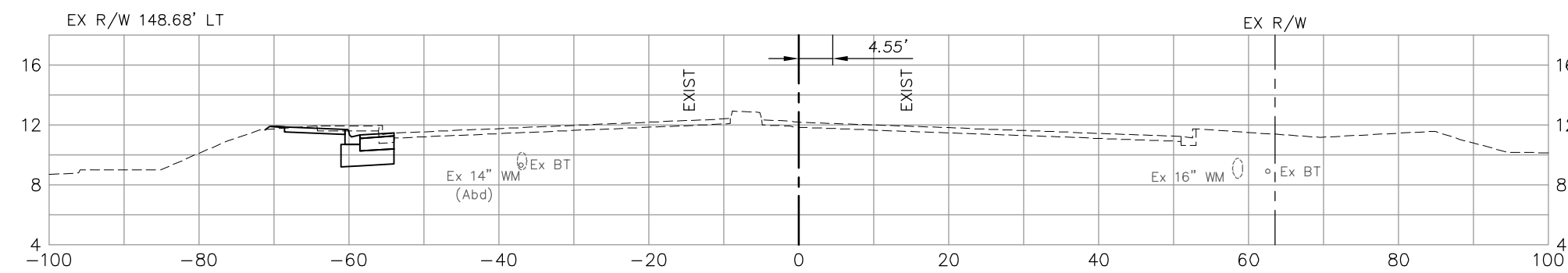
SHEET **142**
OF **147**
FILE NO. **7508**

Regular Exc.		Embankment	
A	V	A	V



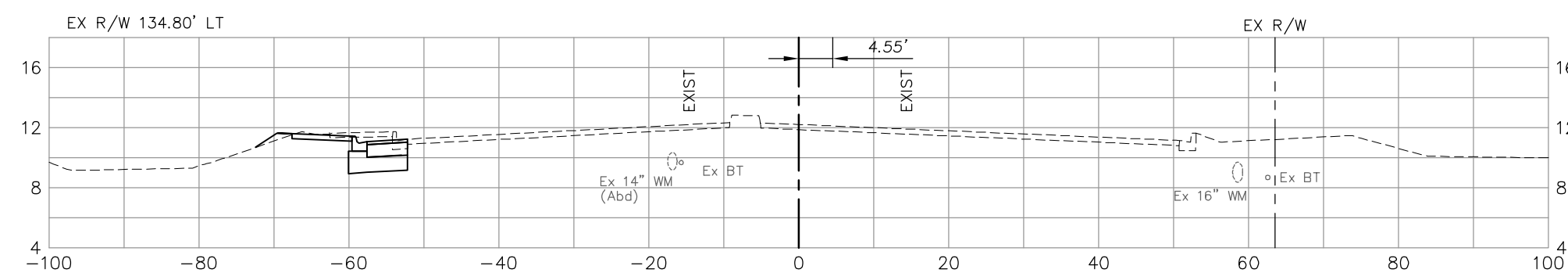
333+50

12		0	
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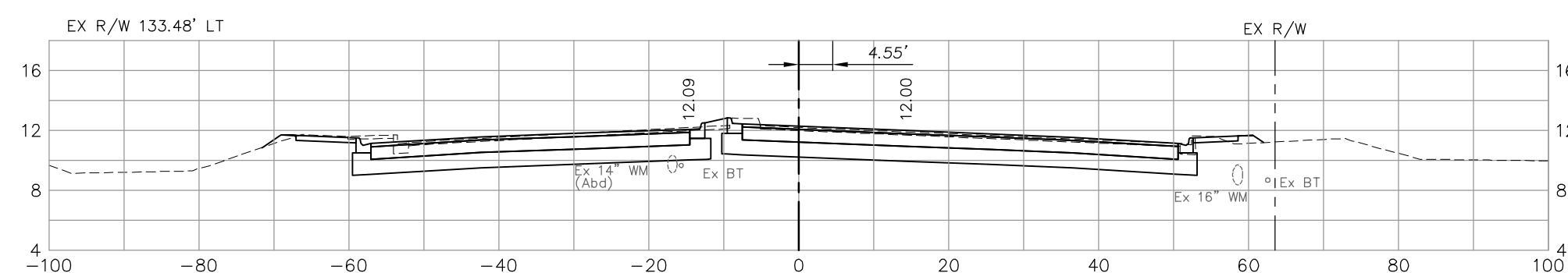
333+00

	23		1
13		1	



332+50

	25		2
14		1	



332+37.25

	30		1
115		4	
	154		4

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

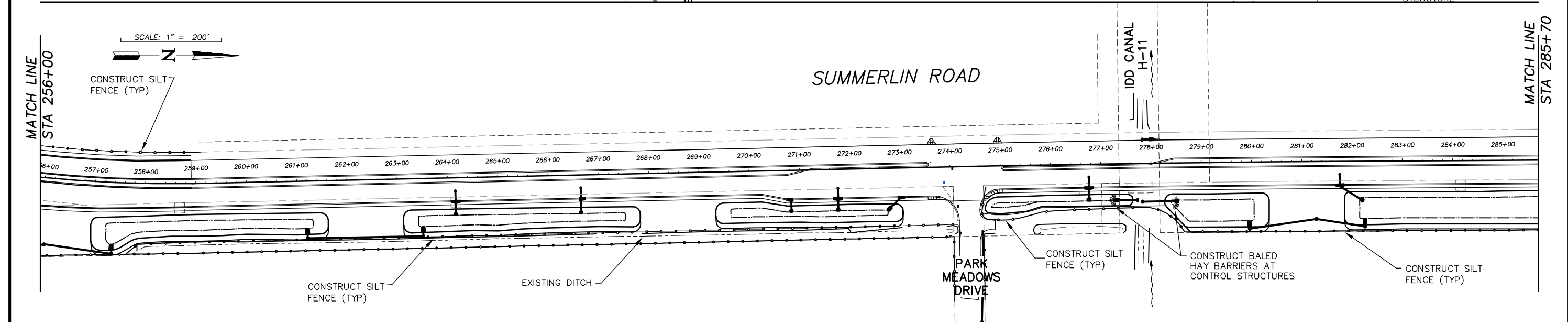
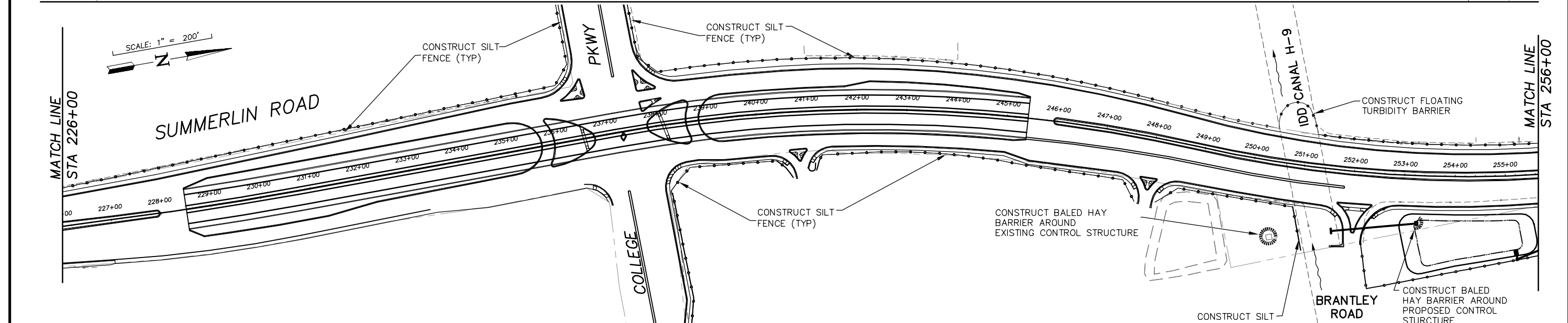
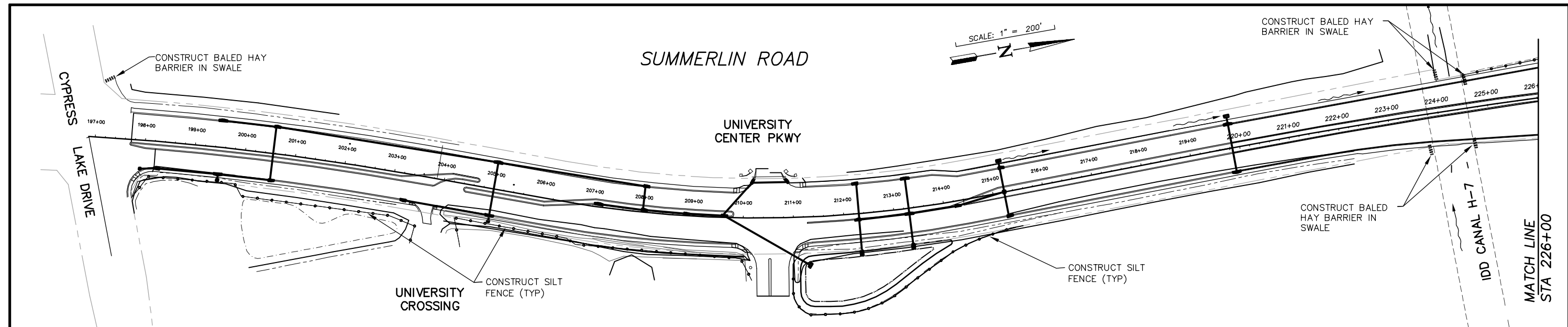
LEE COUNTY
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Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 10'	ACAD DWG: 7508-XSEC3
REVIEWED BY: DWB	VERT SCALE: 1" = 5'	
PLOT VIEW/LAYOUT: XS-52	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 20'	
	VERT SCALE: 1" = 10'	

TITLE: **SUMMERLIN ROAD
CROSS SECTIONS
STAT 332+37.25 TO 333+50**

SHEET **143**
OF **147**
FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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(941)597-3111

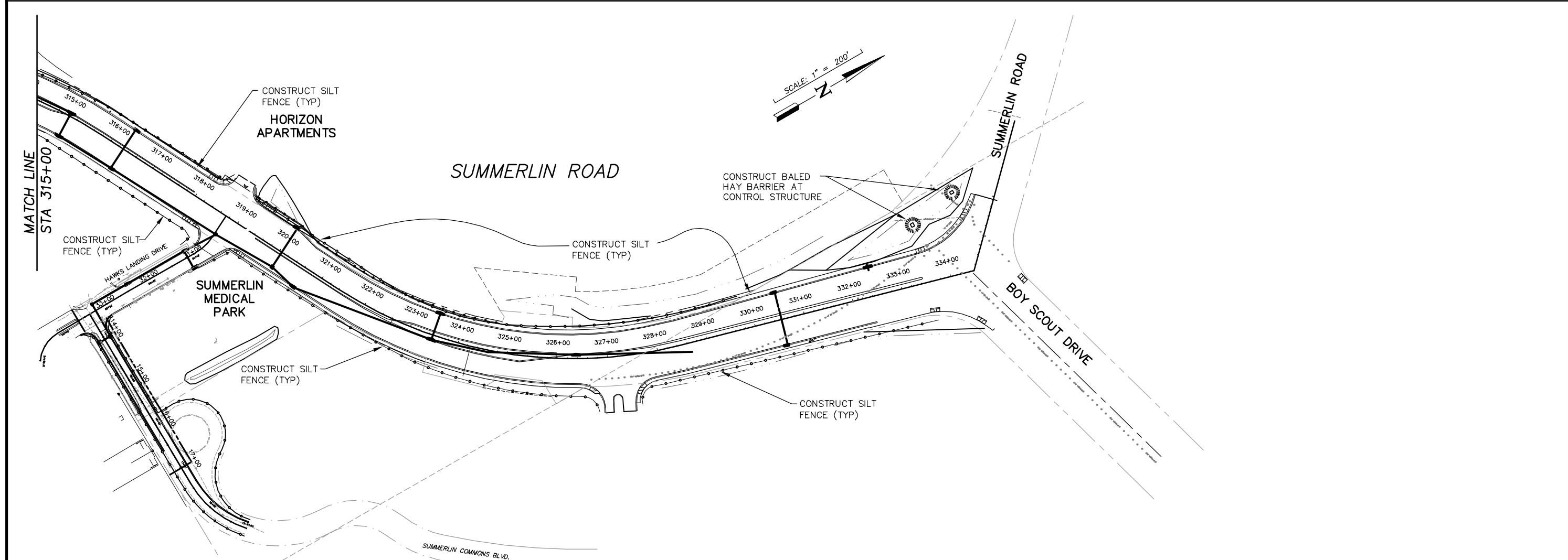
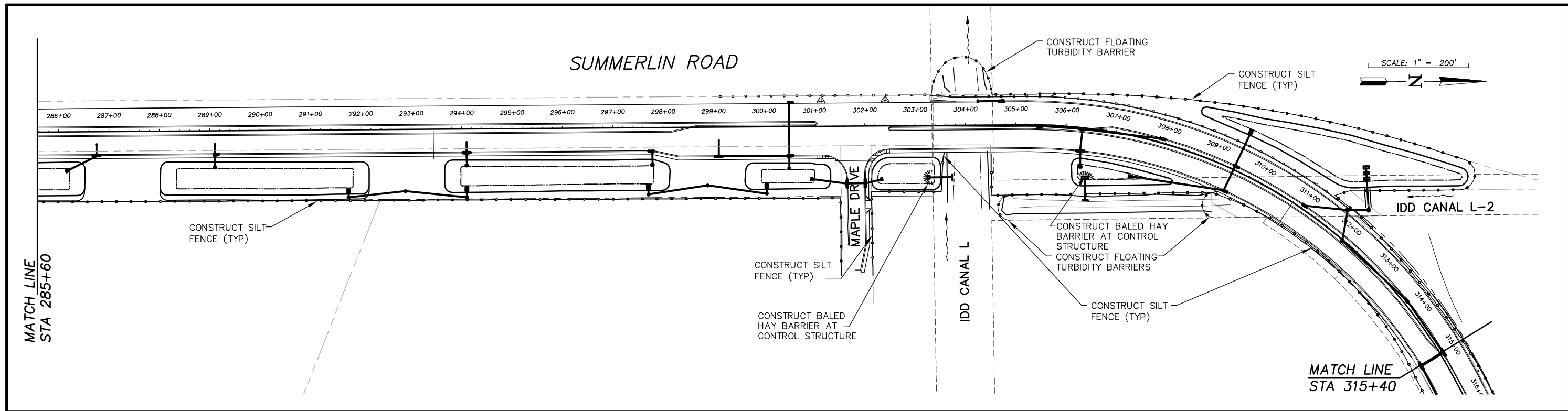
DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT: ECP-1
CTB NAME: 8000-ROAD

DATE: DECEMBER 2003
24x36 PLOT
HORIZ SCALE: 1" = 100'
VERT SCALE:
11x17 PLOT
HORIZ SCALE: 1" = 200'
VERT SCALE:

PLAN STAGE: ERP
ABB PROJECT NO.: 7993
ACAD DWG: 7508-ECP

TITLE:
SUMMERLIN ROAD
STORM WATER POLLUTION
PREVENTION PLAN

SHEET 144
OF 147
FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

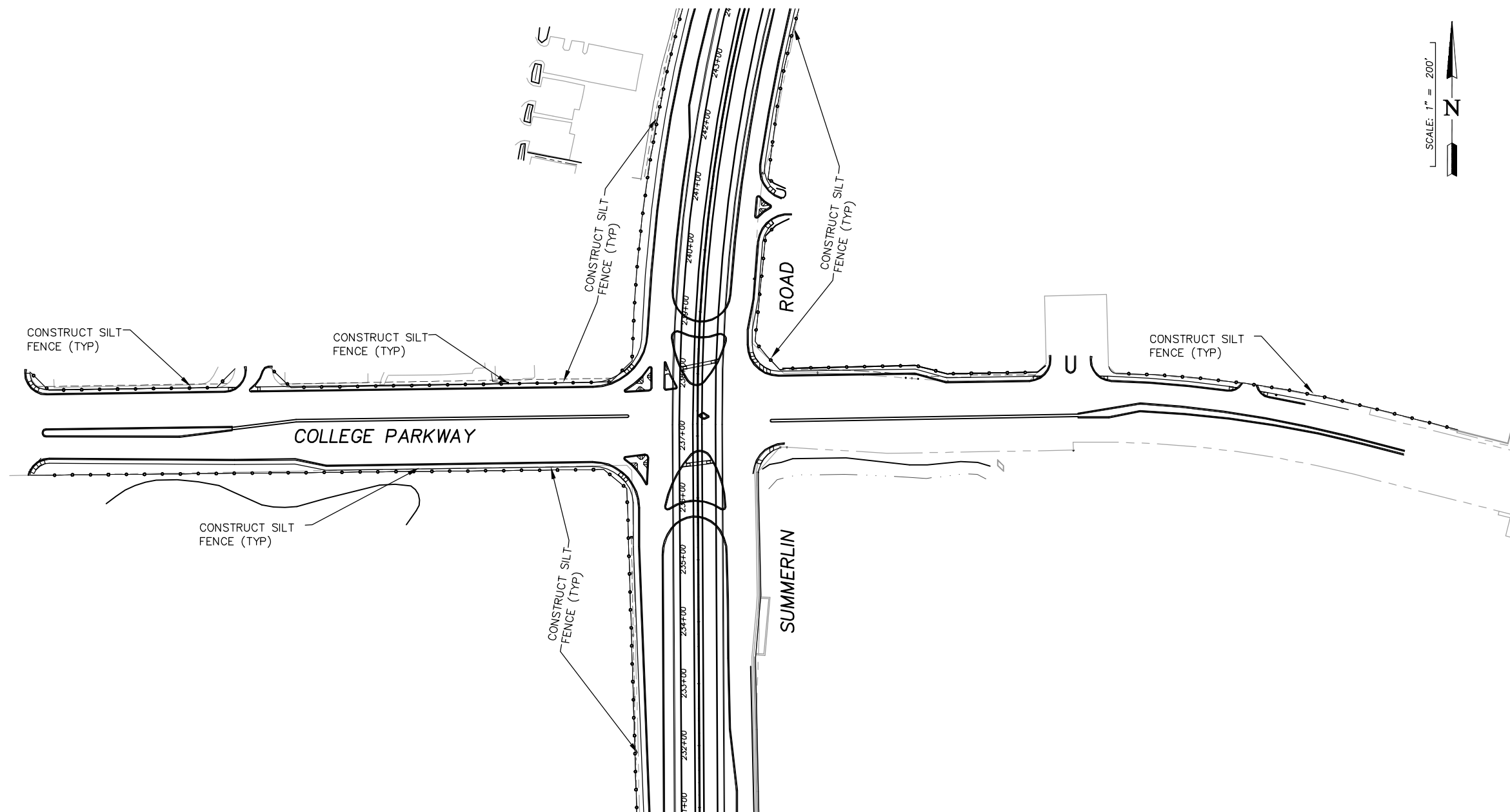
LEE COUNTY
DEPT. OF TRANSPORTATION

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BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(941)597-3111

DESIGNED BY: EFT	DATE: DECEMBER 2003	PLAN STAGE: ERP
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 100'	ACAD DWG: 7508-ECP
REVIEWED BY: DWB	VERT SCALE:	
PLOT VIEW/LAYOUT: ECP-2	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 200'	
	VERT SCALE:	

TITLE: **SUMMERLIN ROAD
STORM WATER POLLUTION
PREVENTION PLAN**

SHEET **145**
OF **147**
FILE NO. **7508**



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

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DESIGNED BY: EFT
DRAWN BY: TAM
CHECKED BY: EFT
REVIEWED BY: DWB
PLOT VIEW/LAYOUT:
ECP-3
CTB NAME: 8000-ROAD

DATE: DECEMBER 2003
24x36 PLOT
HORIZ SCALE: 1" = 100'
VERT SCALE:
11X17 PLOT
HORIZ SCALE: 1" = 200'
VERT SCALE:

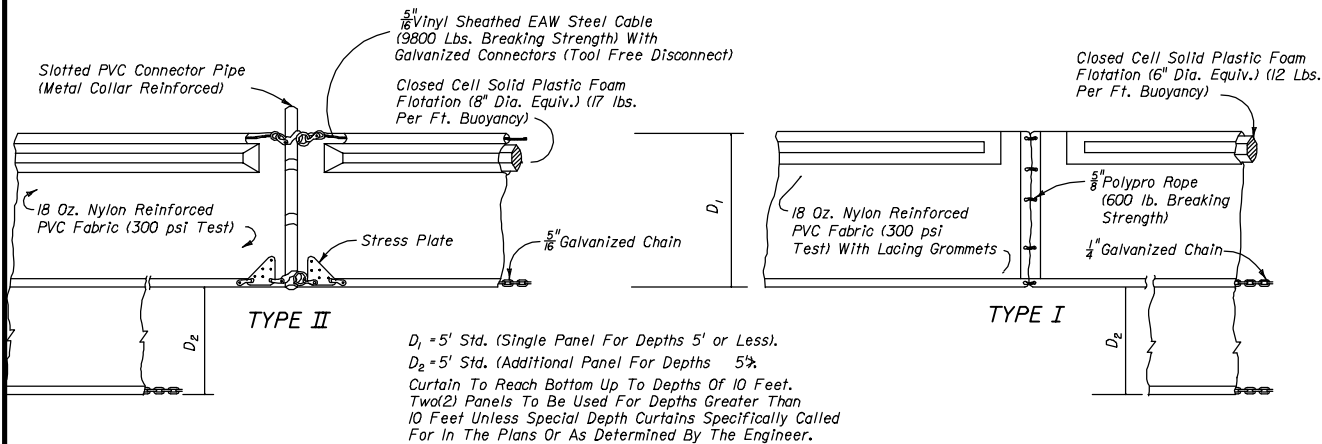
PLAN STAGE
ERP
ABB PROJECT NO.
7993
ACAD DWG:
7508-ECP

TITLE:
**SUMMERLIN ROAD
STORM WATER POLLUTION
PREVENTION PLAN**

SHEET 146
OF 147
FILE NO. 7508

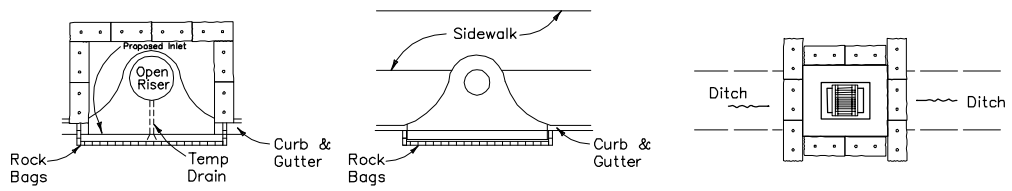
GENERAL NOTES

1. FLOATING TURBIDITY BARRIERS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR FLOATING TURBIDITY BARRIER, (LF).
2. SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE, (LF).
3. REFER TO FDOT INDEX NO. 102 AND 103 FOR EROSION CONTROL APPLICATIONS
4. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL AND STORMWATER MANAGEMENT BASED ON THE PROVISIONS OF THE CONSTRUCTION AGREEMENT.

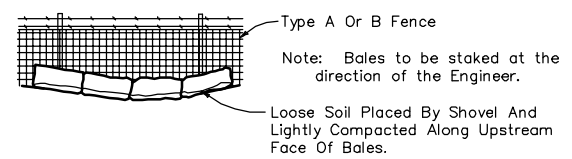


NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

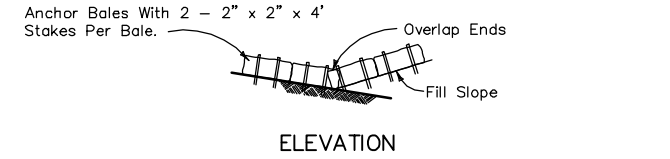
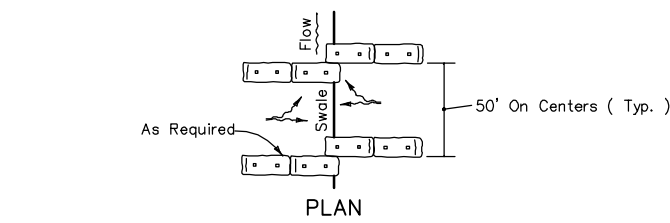
FLOATING TURBIDITY BARRIERS



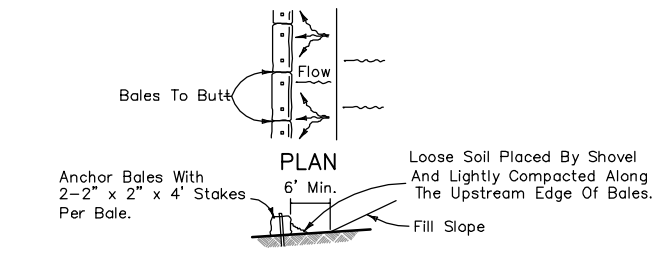
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



BALES BACKED BY FENCE



TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

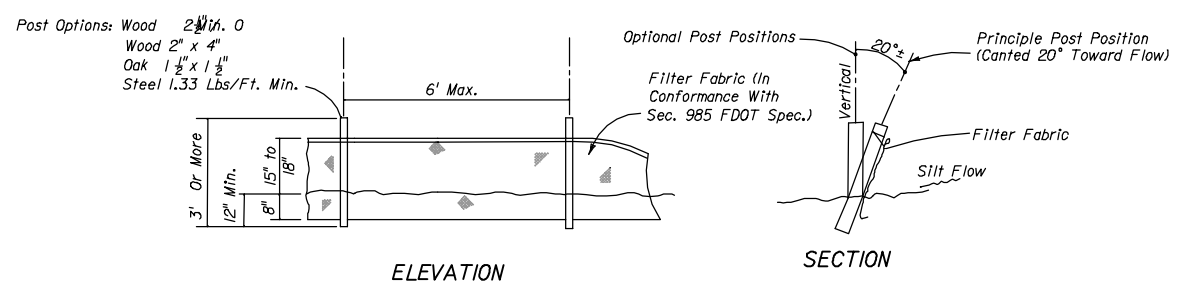


TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES

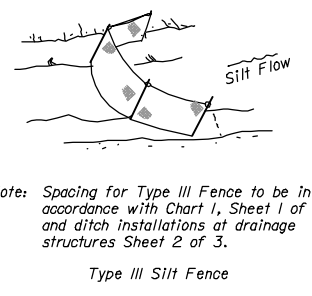
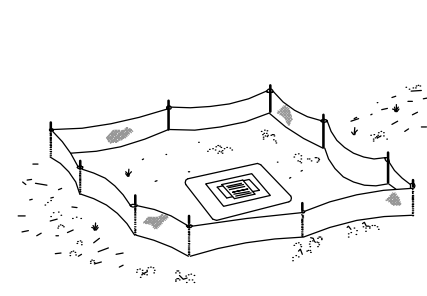
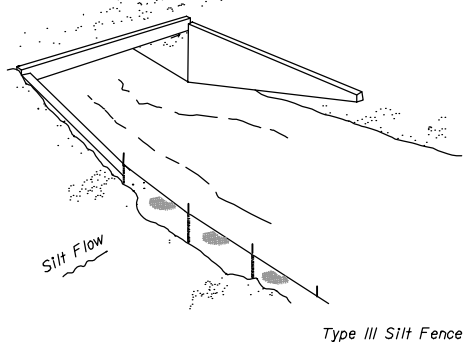
BALED HAY OR STRAW BARRIER AND SILT FENCES

BOARD OF COUNTY COMMISSIONERS



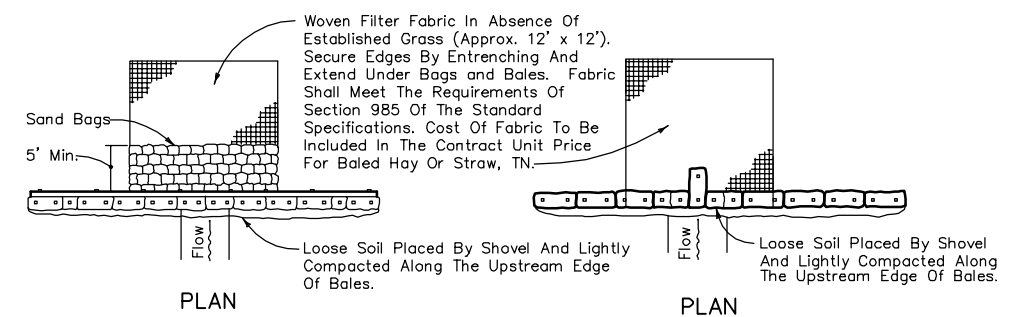
Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

TYPE III SILT FENCE



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



Anchor Lower Bales With 2 - 2" x 2" x 4' Stakes Per Bale. Anchor Top Bales To Lower Bales With 2 - 2" x 2" x 4' Stakes Per Bale. Anchor Bales With 2 - 2" x 2" x 4' Stakes Per Bale.

Application and Spacing: The use of Types I & II bale barriers should be limited to the conditions outlined in Chart 1, Sheet 1 of 3, Index No. 102

TYPE II

TYPE I

BARRIER FOR UNPAVED DITCHES

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

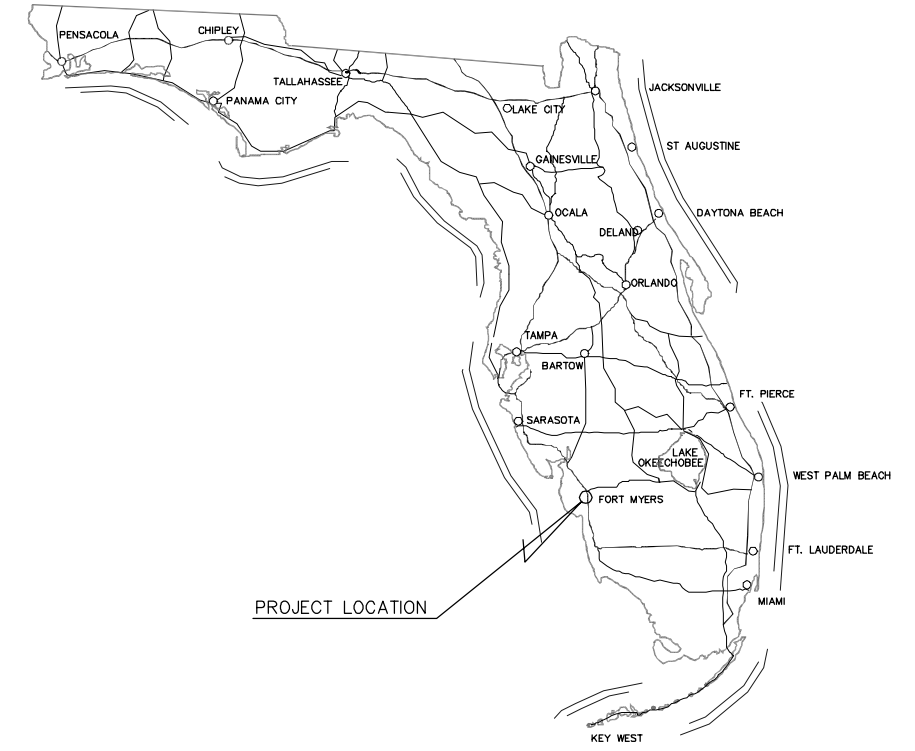
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(941)597-3111

DESIGNED BY: EFT	DATE: DECEMBER 2003	PLAN STAGE: ERP
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 100'	ACAD DWG: 7508-ECP
REVIEWED BY: DWB	VERT SCALE:	
PLOT VIEW/LAYOUT: ECP-4	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 200'	
	VERT SCALE:	

TITLE: **SUMMERLIN ROAD
STORM WATER POLLUTION
PREVENTION PLAN**

SHEET 147
OF 147
FILE NO. 7508

PLANS OF PROPOSED
SUMMERLIN ROAD
SIX LANE IMPROVEMENTS
CYPRESS LAKE DRIVE TO
BOY SCOUT DRIVE
 LEE COUNTY PROJECT No. 6007



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4 - S-9	SIGNING AND PAVEMENT MARKING SHEETS

SIGNING AND PAVEMENT MARKING PLANS

PHASE IV SUBMITTAL
 100% PLANS

GOVERNING STANDARDS AND SPECIFICATIONS:
 FLORIDA DEPARTMENT OF TRANSPORTATION,
 DESIGN STANDARDS DATED JANUARY 2004,
 AND STANDARD SPECIFICATIONS FOR ROAD
 AND BRIDGE CONSTRUCTION DATED 2000,
 AS AMENDED BY CONTRACT DOCUMENTS.

PLANS PREPARED BY:



Professional engineers, planners, & land surveyors
 Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108(239) 597-3111
 Lee County: Suite 101, 1625 Hendry Street, Fort Myers, FL 33902(239) 334-1173
 Certificate of Authorization Nos. LB 3664 and EB 3664 Fax: (239) 566-2203

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

SIGNING AND PAVEMENT
 MARKING PLANS
 ENGINEER OF RECORD: EDWARD F. TRYKA III, P.E.

P.E. NO.: 60284


SHEET NO.

S-1

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														REMARKS
			S-4		S-5		S-6		S-7		S-8		S-9		TOTAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
700-40-1	SIGN, SINGLE POST (LESS THAN 12)	AS	2		0		3		2		3		2		12		
700-41-10	SIGN, MULTI-POST (50 OR LESS)	AS	0		0		0		2		0		0		2		
700-46-11	SIGN, EXISTING (REMOVE) (SINGLE POST)	AS	5		0		3		3		3		6		20		
700-46-21	SIGN, EXISTING (RELOCATE) (SINGLE POST)	AS	14		0		7		5		6		12		44		
700-46-22	SIGN, EXISTING (RELOCATE) (MULTI-POST)	AS	2		1		1		2		2		4		12		
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	375		136		285		293		196		183		1,468		
709-7	PAVEMENT MARKINGS - REMOVE EXISTING	SF	60		0		0		0		0		0		60		
710-5-1	DOTTED SKIP TRAFFIC STRIPE (WHITE)	LF	0		0		114		0		0		0		114		
710-5-2	DOTTED SKIP TRAFFIC STRIPE (YELLOW)	LF	525		0		243		245		542		0		1,555		
711-3	PAVEMENT MESSAGES, THERMOPLASTIC	EA	6		0		0		0		0		0		6		
711-4	DIRECTIONAL ARROWS, THERMOPLASTIC	EA	36		0		18		19		16		39		128		
711-33	SKIP TRAFFIC STRIPE (WHITE) (10-30)	LF	5,243		5,333		7,546		7,382		2,794		1,822		30,120		
711-35-121	SOLID TRAFFIC STRIPE (12" WHITE)	LF	906		0		736		549		645		607		3,443		
711-35-181	SOLID TRAFFIC STRIPE (18" WHITE)	LF	402		0		0		0		0		0		402		
711-35-241	SOLID TRAFFIC STRIPE (24" WHITE)	LF	240		0		132		130		157		86		745		
711-37-61	SOLID TRAFFIC STRIPE (6" WHITE)	NM	1.460		0.510		1.210		1.230		1.040		0.880		6.330		
711-37-81	SOLID TRAFFIC STRIPE (8" WHITE)	NM	0.265		0.000		0.000		0.000		0.000		0.000		0.265		

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, Inc. <small>Professional engineers, planners, & land surveyors</small> <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108</small> <small>(239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: JMH CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: SUMSM CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: N/A VERT SCALE: N/A 11X17 PLOT HORIZ SCALE: N/A VERT SCALE: N/A	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-SM-Quan	TITLE: SUMMERLIN ROAD SIGNING & MARKING TABULATION SHEETS	SHEET S-2 OF S-9 FILE NO. 7508
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GENERAL NOTES:

1. THE PERMANENT REMOVAL OF SIGNS WITHIN THE LIMITS OF THIS PROJECT IS NOT REQUIRED IF THEY ARE NOT SHOW IN THESE PLANS. ANY REQUIRED ADJUSTMENT OF THESE SIGNS BY THE CONTRACTOR SHALL BE COVERED UNDER SECTION 7-11.4 OF THE FDOT'S STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSABLE FOR DISPOSAL OF ALL SIGNS THAT ARE TO BE PERMANENTLY REMOVED IN THIS PROJECT.
3. ALL SIGN POSTS WHICH ARE TO BE EMBEDDED IN ASPHALT OR CONCRETE (MEDIANS/ISLANDS) SHALL BE INSTALLED IN AN FDOT APPROVED PIPE SLEEVE. CASE NO. VIII , INDEX 17302.
4. THE STRUCTURE DRAWINGS FOR THE OVERHEAD CANTILEVERED SIGNS ARE LOCATED WITHIN THE PITMAN HARTENSTEIN OVERPASS PLAN SET. THE ACTUAL OVERHEAD SIGN LOCATIONS ARE FOUND WITHIN THIS PLAN SET AT STA 215+50 AND STA 270+50 RESPECTIVELY.
5. PAY ITEMS FOR NO. 4 ABOVE, 700-45-24 & 700-45-34, ARE LOCATED ON THE SUMMARY OF TABULATION SHEETS PROVIDED IN THE PITMAN HARTENSTEIN OVERPASS PLAN SET.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**



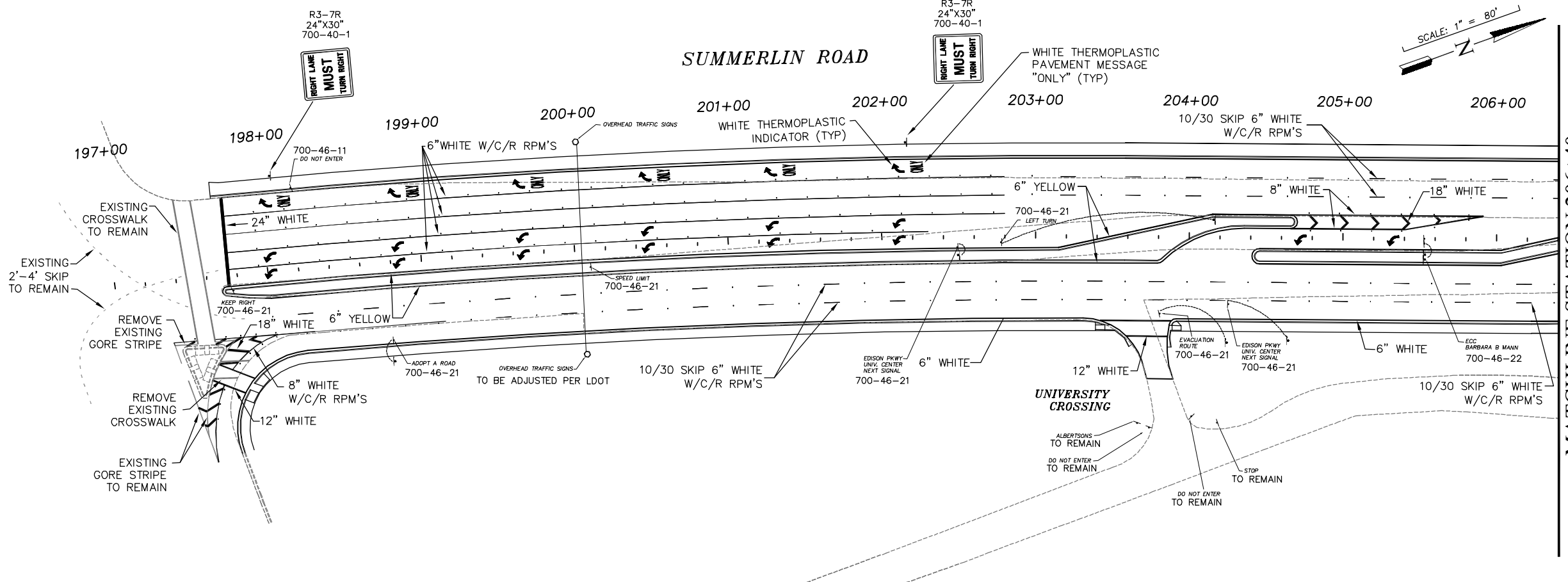
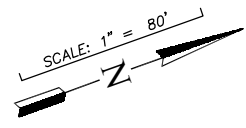
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: JMH	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: N/A	ACAD DWG: 7508-SMGN
REVIEWED BY: DWB	VERT SCALE: N/A	
PLOT VIEW/LAYOUT: G.NOTES	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: N/A	
	VERT SCALE: N/A	

TITLE: **SUMMERLIN ROAD
SIGNING & MARKING
GENERAL NOTES**

CYPRESS LAKE DRIVE

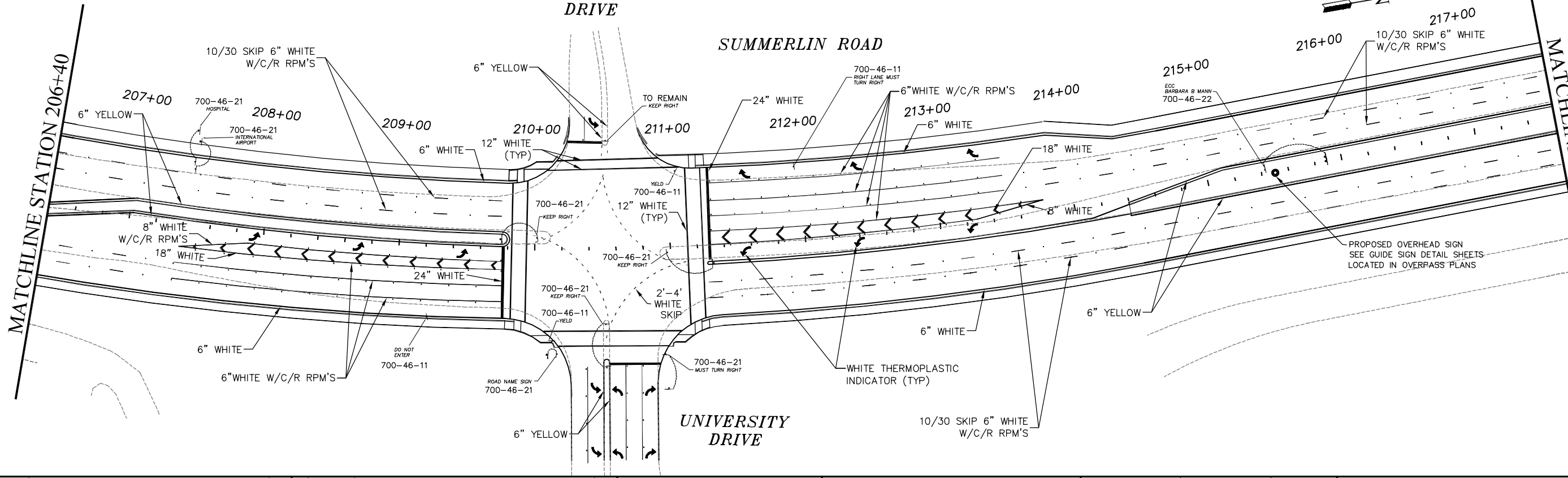
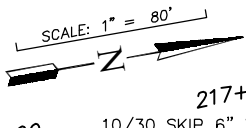
SUMMERLIN ROAD



MATCHLINE STATION 206+40

UNIVERSITY DRIVE

SUMMERLIN ROAD



MATCHLINE STATION 206+40

MATCHLINE STATION 217+60

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

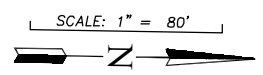
LEE COUNTY
DEPT. OF TRANSPORTATION

AGNOLI BARBER & BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 40'	ACAD DWG: 7508-SM
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: VIEW NAME	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 80'	
	VERT SCALE: 1" = 4'	

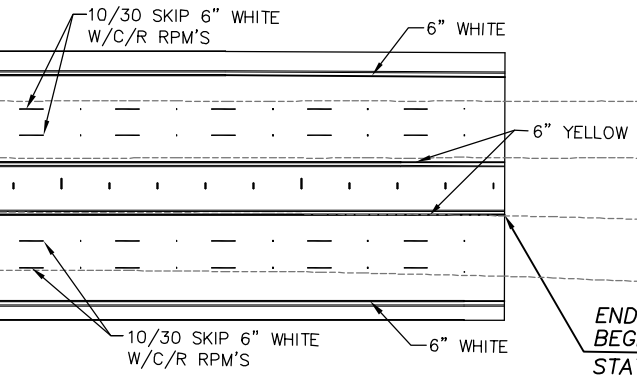
TITLE: **SUMMERLIN ROAD SIGNING & MARKING**
STA: 197+40 TO 217+60

SHEET S-4
OF S-9
FILE NO. 7508



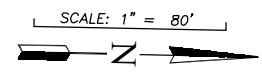
MATCHLINE STATION 217+60

218+00 219+00 219+84.68



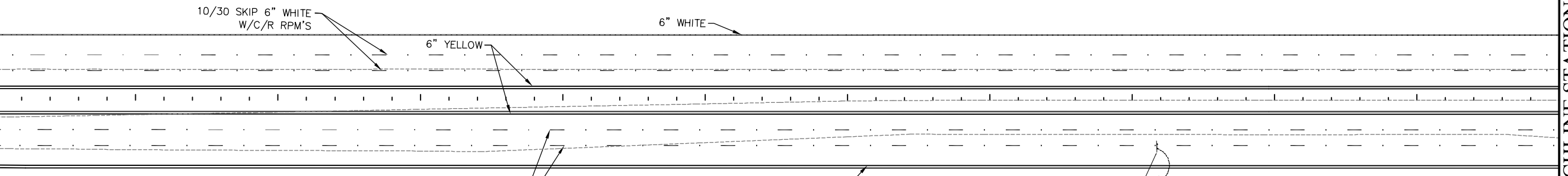
END ROADWAY PLANS
BEGIN OVERPASS PLANS
STATION 219+84.68

SUMMERLIN ROAD



MATCHLINE STATION 258+91.09

260+00 261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00 269+00 270+00



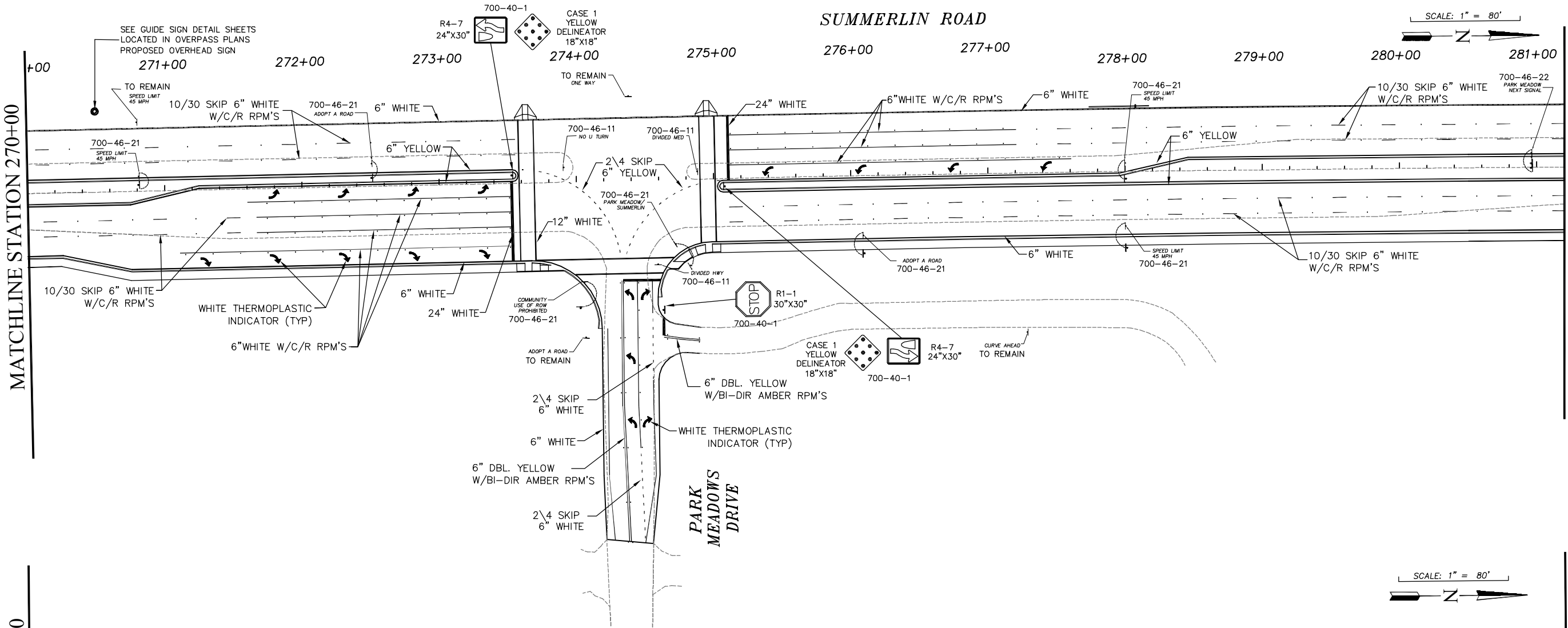
END OVERPASS PLANS
BEGIN ROADWAY PLANS
STATION 258+91.09

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors <small>Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111</small>	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: VIEW NAME CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 40' VERT SCALE: 1" = 2' 11x17 PLOT HORIZ SCALE: 1" = 80' VERT SCALE: 1" = 4'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-SM	TITLE: SUMMERLIN ROAD SIGNING & MARKING 217+60 TO 270+00	SHEET S-5 OF S-9 FILE NO. 7508
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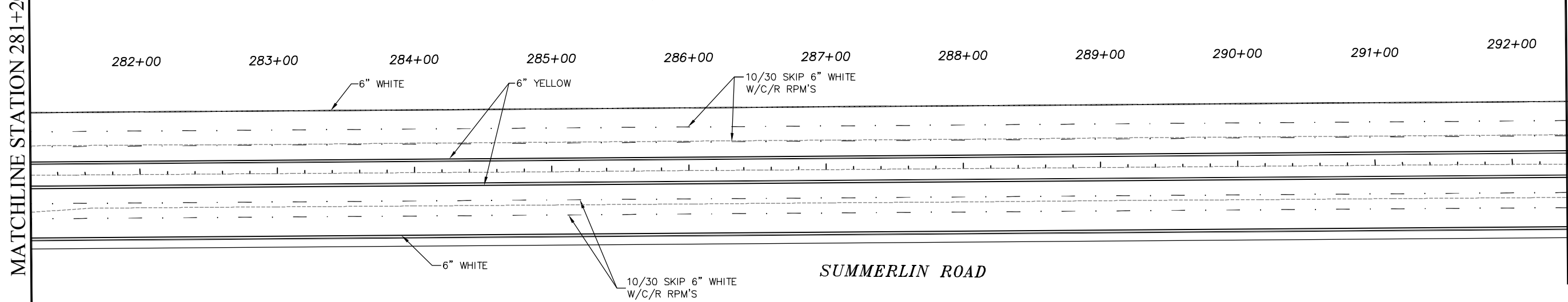
MATCHLINE STATION 270+00

MATCHLINE STATION 281+20



MATCHLINE STATION 281+20

MATCHLINE STATION 292+40



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY
DEPT. OF TRANSPORTATION

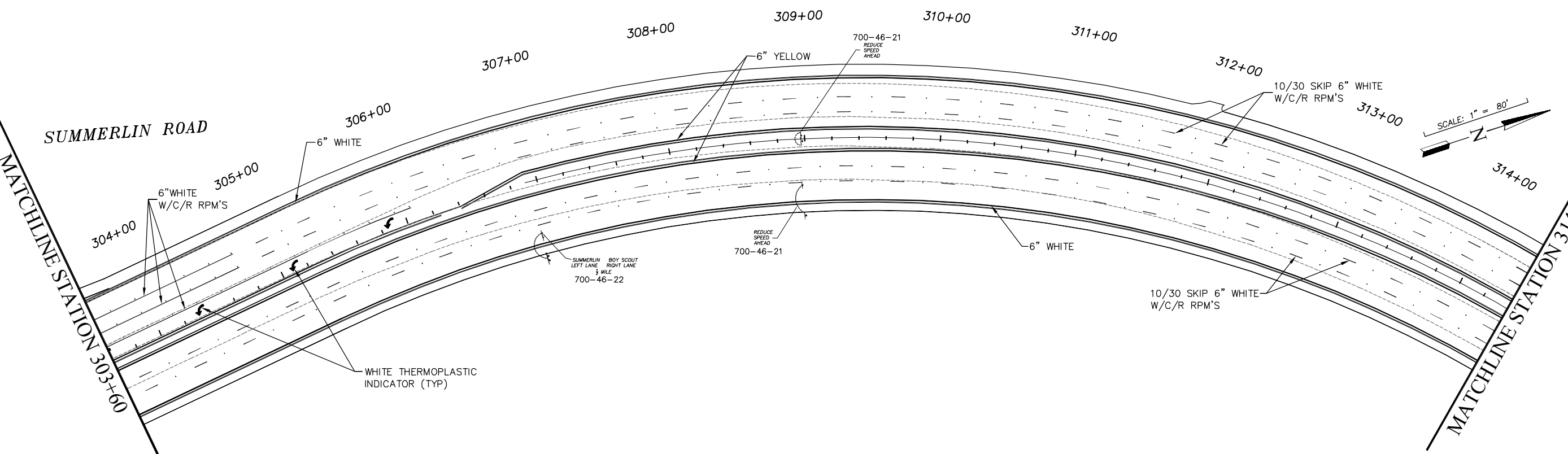
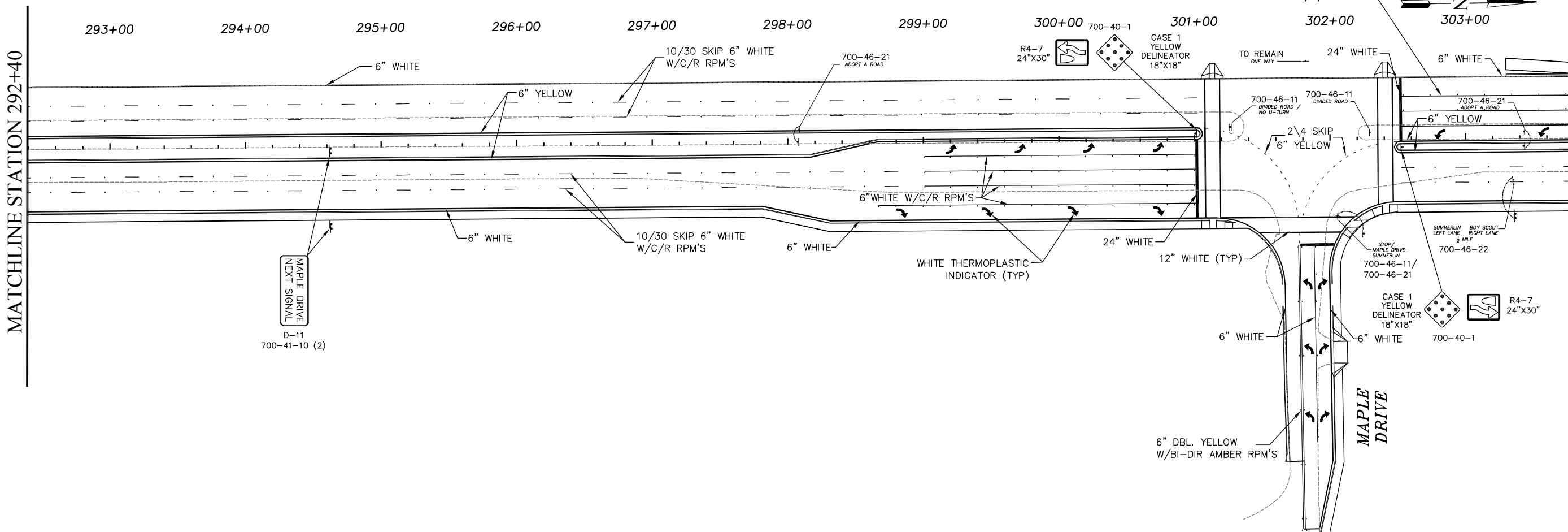
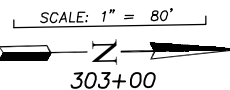
AGNOLI
BARBER &
BRUNDAGE, INC.
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 40'	ACAD DWG: 7508-SM
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: VIEW NAME	11x17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 80'	
	VERT SCALE: 1" = 4'	

TITLE: **SUMMERLIN ROAD**
SIGNING & MARKING
270+00 TO 292+40

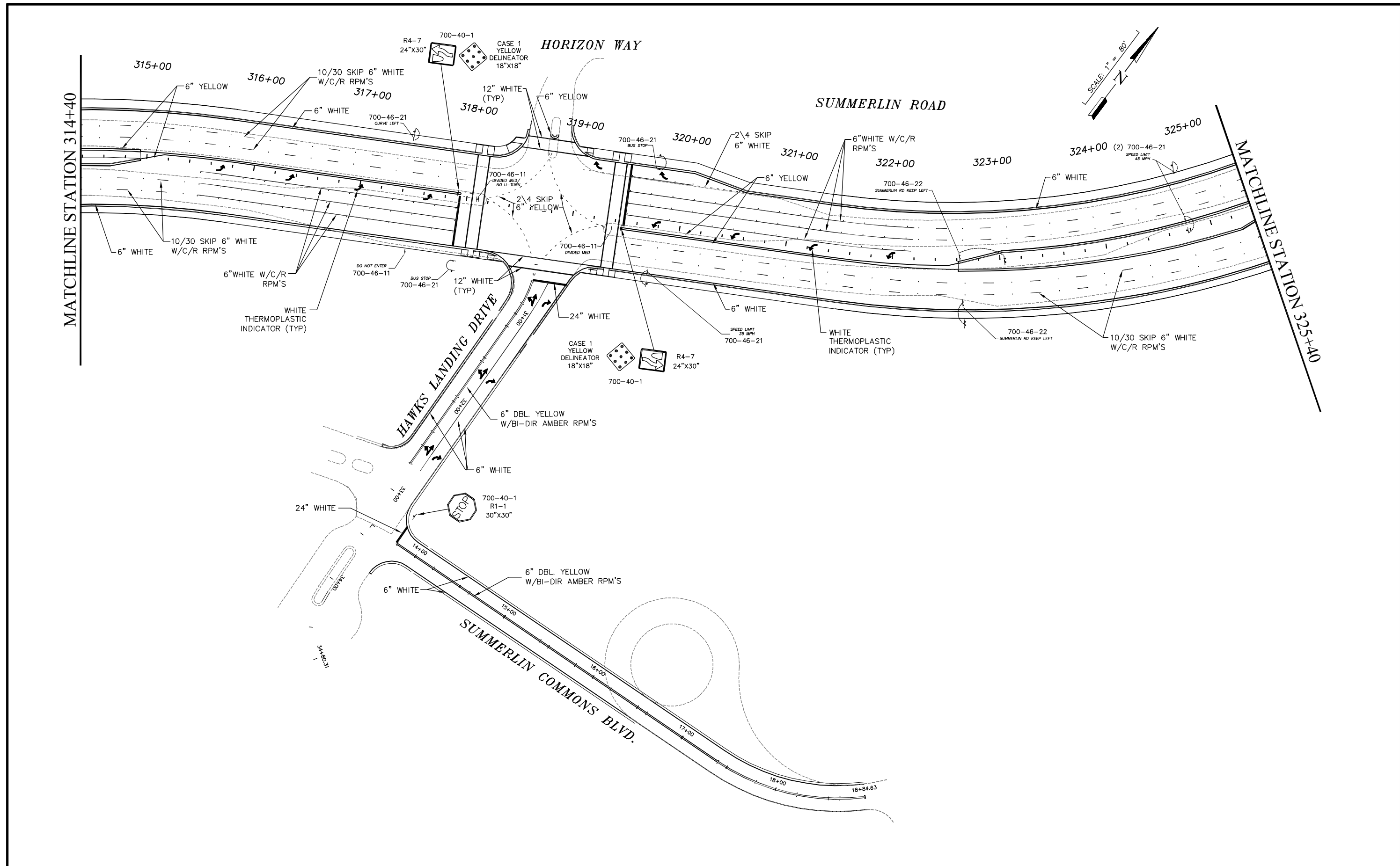
SHEET S-6
OF S-9
FILE NO. 7508

SUMMERLIN ROAD



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

LEE COUNTY DEPT. OF TRANSPORTATION	 AGNOLI BARBER & BRUNDAGE, INC. Professional engineers, planners, & land surveyors Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108 (239) 597-3111	DESIGNED BY: EFT DRAWN BY: TAM CHECKED BY: EFT REVIEWED BY: DWB PLOT VIEW/LAYOUT: VIEW NAME CTB NAME: 8000-ROAD	DATE: AUGUST 2007 24x36 PLOT HORIZ SCALE: 1" = 40' VERT SCALE: 1" = 2' 11x17 PLOT HORIZ SCALE: 1" = 80' VERT SCALE: 1" = 4'	PLAN STAGE: 100% ABB PROJECT NO.: 7993 ACAD DWG: 7508-SM	TITLE: SUMMERLIN ROAD SIGNING & MARKING 292+40 TO 314+40	SHEET S-7 OF S-9 FILE NO. 7508
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NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

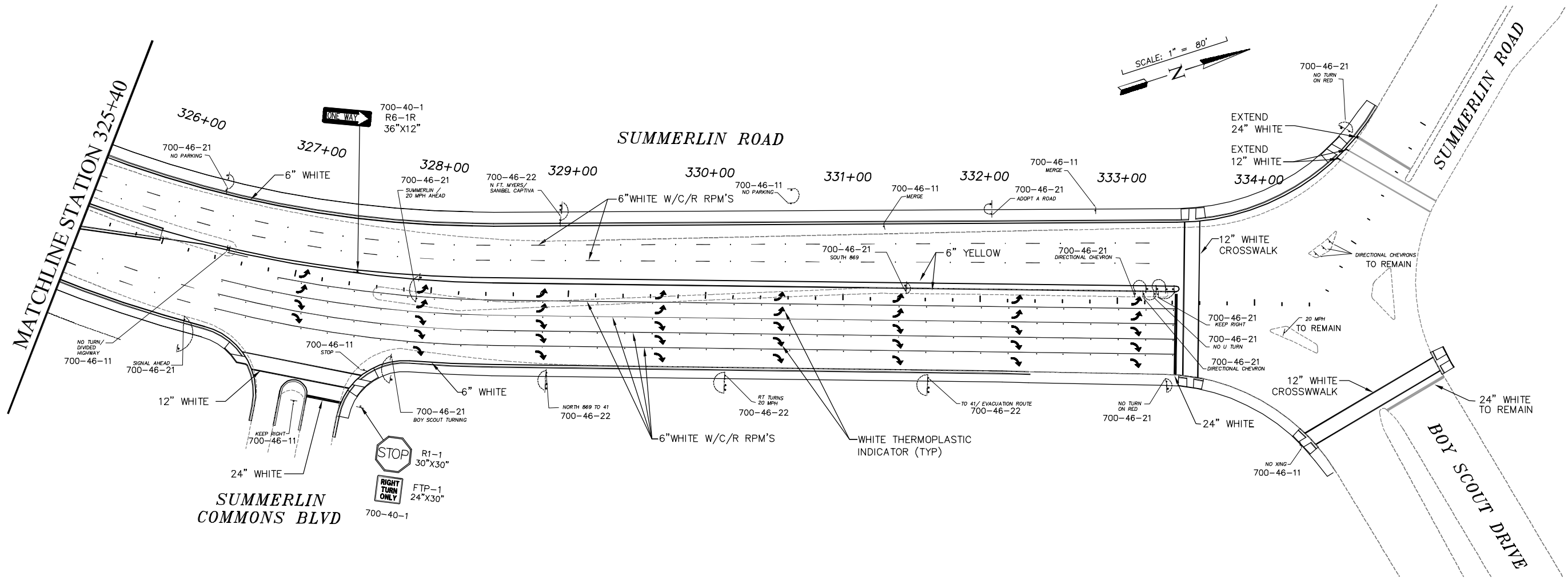
**LEE COUNTY
DEPT. OF TRANSPORTATION**

**AGNOLI
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BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 40'	ACAD DWG: 7508-SM
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: VIEW NAME	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 80'	
	VERT SCALE: 1" = 4'	

**TITLE: SUMMERLIN ROAD
SIGNING & MARKING
314+40 TO 325+40**

SHEET S-8
OF S-9
FILE NO. 7508



NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY

**LEE COUNTY
DEPT. OF TRANSPORTATION**

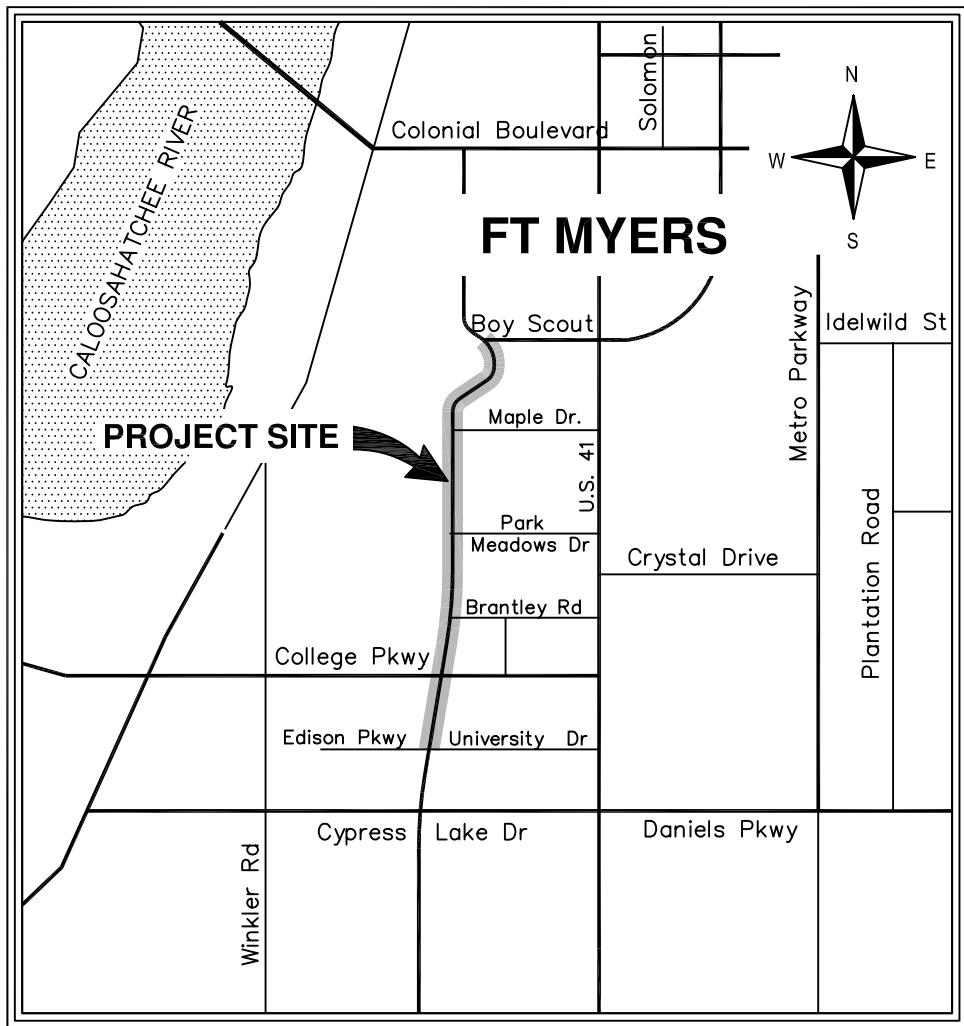
**AGNOLI
BARBER &
BRUNDAGE, INC.**
Professional engineers, planners, & land surveyors
Collier County: Suite 200, 7400 Tamiami Trail, North, Naples, FL 34108
(239) 597-3111

DESIGNED BY: EFT	DATE: AUGUST 2007	PLAN STAGE: 100%
DRAWN BY: TAM	24x36 PLOT	ABB PROJECT NO. 7993
CHECKED BY: EFT	HORIZ SCALE: 1" = 40'	ACAD DWG: 7508-SM
REVIEWED BY: DWB	VERT SCALE: 1" = 2'	
PLOT VIEW/LAYOUT: VIEW NAME	11X17 PLOT	
CTB NAME: 8000-ROAD	HORIZ SCALE: 1" = 80'	
	VERT SCALE: 1" = 4'	

**TITLE:
SUMMERLIN ROAD
SIGNING & MARKING
325+40 TO END**

SHEET S-9
OF S-9
FILE NO. 7508

LEE COUNTY DEPARTMENT OF TRANSPORTATION PLANS FOR SIGNALIZATION OF SUMMERLIN ROAD UNIVERSITY DRIVE TO BOYSCOUT DRIVE



INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
T-1	COVER
T-2	TABULATION OF QUANTITIES
T-3	GENERAL NOTES
T-4	EDISON/UNIVERSITY CENTER
T-5	COLLEGE PARKWAY
T-6	PARK MEADOWS DRIVE
T-7	HORIZON COURT
T-8	BOYSCOUT DRIVE
T-9 & T-10	DEMOLITION PLANS
T-11 thru T-13	BRIDGE MOUNTED MAST ARMS
T-14	MAST ARM TABULATION
T-15	STRAIN POLE SCHEDULE
T-16 thru T-17	GUIDE SIGN WORKSHEET

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION, THIS SHOULD BE CONSIDERED WHEN OBTAINING SCALED DATA.
GOVERNING SPECIFICATIONS: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2007 AND ROADWAY AND TRAFFIC DESIGN STANDARDS DATED 2006
ALSO LEE COUNTY DEPARTMENT OF TRANSPORTATION PLANS SPECIFICATION (LATEST EDITION)

ITEM NO.	DESCRIPTION	UNIT	EDISON	COLLEGE	PARK MEADOWS	HORIZON	BOYSCOUT	DEMOLITION PLAN		TOTAL
			T4	T5	T6	T7	T8	T9	T10	
555-1-1	DIRECTIONAL BORE (LESS THAN 6")	LF		362						362
555-1-2	DIRECTIONAL BORE (6"-12")	LF	376	132	234	302				1,044
630-1-12	CONDUIT (UNDERGROUND)	LF	73	256	77	67	23			496
630-1-13	CONDUIT (UNDER PAVEMENT)	LF		160	109					269
632-7-1	CABLE (SIGNAL)	PI	1	1	1	1	1			5
634-4-113	SPAN WIRE ASSEMBLY (BOX)	PI	1		1	1				3
635-1-11	PULL BOX	EA	8	23	10	8				49
639-1-12	ELECTRICAL POWER SERVICE (OVERHEAD)	AS	1		2	1				4
639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS		1						1
639-2-1	ELECTRICAL SERVICE WIRE	LF	150	500	200	150				1,000
641-16-142	PRESTRESSED CONCRETE POLE TYPE NVII 42' LONG	EA			4	4				8
641-16-144	PRESTRESSED CONCRETE POLE TYPE NVII 44' LONG	EA	4							4
641-41-108	SERVICE POLE (TYPE II)	EA		1						1
641-42-130	SERVICE POLE (TYPE III) (TRAFFIC MONITORING SITE)	EA			1					1
649-440	MAST ARM ASSEMBLY (SPECIAL) (ATTACH TO BRIDGE)	EA		2						2
650-51-313	TRAFFIC SIGNAL 12" LED. (3 SECTION, 1-WAY)	AS	6	16	6	8				36
650-51-513	TRAFFIC SIGNAL 12" LED. (5 SECTION, 1-WAY)	AS	4	4	2	2				12
653-181	PEDESTRIAN SIGNAL (LED) (1 SECTION, 1-WAY)	AS	2	9	6	6	4			27
653-182	PEDESTRIAN SIGNAL (LED) (1 SECTION, 2-WAY)	AS	3			1				4
653-183	PEDESTRIAN SIGNAL (LED) (1 SECTION, 3-WAY)	AS		1						1
659-101	SIGNAL HEAD BACKPLATE (3 SECTION)	AS	2	8	2	8				20
659-107	SIGNAL PEDESTAL (ALUMINUM)	EA	2	10	3	3	4			22
659-118	SIGNAL HEAD BACKPLATE (5 SECTION)	AS	2	2		2				6
663-74-11	VEHICLE DETECTOR ASSEMBLIES (OPTICAL TYPE)	EA	4	4	3	4				15
665-13	PEDESTRIAN DETECTOR STATION (POLE MOUNTED)	EA	8	12	6	8	4			38
670-5-410	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (MODIFY)	AS					1			1
670-5-110	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (F&I)	AS	1	1	1	1				4
690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA						27	7	34
690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA						16	2	18
690-31	REMOVE SIGNAL PEDESTAL	EA						4		4
690-32-1	REMOVE POLE (DEEP) (DIRECT BURIAL)	EA						8	4	12
690-50	REMOVE CONTROLLER ASSEMBLY	EA						2		2
690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	EA						4		4
690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	EA						16	2	18
690-80	REMOVE SPAN WIRE ASSEMBLY	EA						4	1	5
690-90	REMOVE CABLING AND CONDUIT	PI						2	1	3
690-100	REMOVE MISCELANEOUS SIGNAL EQUIPMENT	PI						2	1	3
699-1	SIGN, INTERNALLY ILLUMINATED	EA		4						4
700-46-15	SIGN PANEL EXISTING (REMOVE) (SPAN WIRE)	EA						8	3	11
700-48-18	SIGN PANEL F&I (15 SF OR LESS)	EA	2		5	5				12
700-82	SIGN , OVERHEAD (SPAN WIRE MOUNTED)	AS	8							8
715-5-11	LUMINAIRE AND BRACKET ARM (F&I)	EA	4		4	4				12
715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA						6	2	8
745-70-12	TRAFFIC MONITORING SITE, LOOP	AS			1			8	3	12
746-71-12	TRAFFIC MONITORING SITE, CABINET	EA			1					1
747-70-11	TRAFFIC MONITORING SITE, MODEM	AS			1					1

1. THE CONTRACTOR SHALL BE AWARE THAT EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE BOUNDS OF WORK SHOWN IN THE PLANS ARE NOT LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.
2. THE CONTRACTOR SHALL BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUIT, PULL BOXES, CONTROLLER FOUNDATIONS OR OTHER SIGNAL EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2007).
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND MEETING WITH ALL UTILITIES HAVING OVERHEAD OR UNDERGROUND FACILITIES IN CLOSE PROXIMITY OR IN POSSIBLE CONFLICT WITH THE CONTRACTOR'S WORK.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR HAVING UNDERGROUND CABLE AND UTILITIES LOCATED AND IDENTIFIED BY PROPER AUTHORITIES AT ALL CONSTRUCTION SITES.
5. UNDERGROUND UTILITIES MAY OR MAY NOT EXIST WHERE AERIAL COMMUNICATIONS INSTALLATION IS PROPOSED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE POSSIBLE UTILITY CONFLICTS IF DESIGN IS CHANGED DURING CONSTRUCTION TO REQUIRE UNDERGROUND WORK.
6. SIGNAL INSTALLATION SHALL CONFORM WITH THE LATEST EDITION OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR TRAFFIC SIGNALS, AND THE MINIMUM SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES AND SIGNALS, AND THE LEE COUNTY DEPARTMENT OF TRANSPORTATION TRAFFIC SECTION PLAN SPECIFICATIONS (LATEST EDITION).
7. SIGNAL TO BE MAINTAINED BY LEE COUNTY D.O.T..
8. SIGNAL SHALL BE PLACED IN FULL OPERATION ON A MONDAY, TUESDAY OR WEDNESDAY, BUT SHALL NOT BE PLACED IN FULL OPERATION ON THE DAY PRECEDING A HOLIDAY.
9. SECT. 611-4 FIELD TESTS: SCHEDULING OF THE CONDITIONAL ACCEPTANCE INSPECTION SHALL BE COORDINATED WITH BRIAN BIRD (239-461-4300) AND LEE COUNTY D.O.T. A MINIMUM OF 48 HOURS NOTICE. RESULTS OF FIELD TESTS, I.E., SECTION 611-4 SHALL BE MADE AVAILABLE TO THE ENGINEER IN WRITTEN FORM. A QUALIFIED CONTRACTOR'S REPRESENTATIVE SHALL BE PRESENT AT THE CONDITIONAL ACCEPTANCE INSPECTION OF THE CONTROLLER ASSEMBLY. THE QUALIFICATIONS OF THE REPRESENTATIVE SHALL INCLUDE:
COMPLETE FAMILIARITY WITH ALL SYSTEM ELEMENTS INCLUDING CONTROLLERS, COORDINATING UNITS, SYSTEM CLOCKS AND SYSTEM COMMUNICATIONS ELEMENTS. THE REPRESENTATIVE SHALL BE QUALIFIED TO INPUT AND RECALL ALL CONTROLLER AND SYSTEM TIMING FUNCTIONS.
10. THE CONTRACTOR SHALL NOTIFY LEE COUNTY D.O.T. IN WRITING PRIOR TO CONSTRUCTION WITH DATE AND TIMES OF START OF SIGNAL AND FLASH OPERATION, AND COMPLETION OF CONSTRUCTION PROJECT.
11. TERMINAL BLOCKS AND JONES PLUGS SHALL BE REMOVED FROM EACH DISCONNECT PRIOR TO INSTALLATION. SPLICES IN DISCONNECTS SHALL BE DONE USING A WATER RESISTANT RED NON-EPOXY FILLED B-CAP WIRE NUTS.
THE COLOR CODE OF SIGNAL CABLE SHALL BE VERIFIED WITH LEE COUNTY TRAFFIC SECTION PRIOR TO WIRING INTERSECTION. THE COLOR CODE CAN BE OBTAINED FROM LEE COUNTY TRAFFIC SECTION.

CONDUIT, CABLE & WIRE:

ITEM NO'S. 555-1-1, 555-1-2, 630-1-12, 630-1-13, 632-7-1
THIS ITEM SHALL INCLUDE ALL LABOR AND WIRE NECESSARY FOR COMPLETE WIRING OF INTERSECTION. THE COLOR CODE OF SIGNAL CABLE SHALL BE VERIFIED WITH THE MAINTAINING AGENCY PRIOR TO WIRING INTERSECTION.

PAYMENT SHALL INCLUDE THE COST OF TRENCHING AND ALL CONDUIT RUNS IN TRENCH/ BORE.

ALL CONDUIT UNDER PROPOSED ROADWAY AND/OR SIDEWALK SHALL BE INSTALLED PRIOR TO INSTALLATION OF ROADWAY BASE AND SURFACE OR CONCRETE.

CONDUIT SHALL BE 1 INCH MINIMUM DIAMETER FOR ELECTRICAL SERVICE CONNECTION. ALL OTHER CONDUIT (EXCEPT AS INDICATED BELOW) SHALL BE 2 INCH MINIMUM DIAMETER.

SUPPLY A ONE (1) INCH SCHEDULE 40 CONDUIT FROM CABINET BASE TO OUTSIDE OF NEAREST CONCRETE POLE. (FOR TELEPHONE LINE) STUB UP TWO (2) FEET.

CONDUITS CROSSING MINOR STREETS SHALL BE A MINIMUM OF FIVE (5) EACH. TWO (2) INCH PVC CONDUITS. CONDUITS CROSSING MAJOR STREETS SHALL BE A MINIMUM OF FOUR (4) EACH TWO (2) INCH PVC CONDUITS.

ITEM 639-1-12, 639-1-22
THIS ITEM SHALL INCLUDE THE COST OF ALL SPECIAL IMPACT CONNECTION FEES CHARGED BY LOCAL POWER COMPANIES FOR ELECTRICAL SERVICE CONNECTION.

ELECTRICAL SERVICE DISCONNECT MAIN BREAKER SHALL NOT BE LESS THAN 60 AMPS.

ELECTRICAL SERVICE DISCONNECT SHALL BE COMPRISED OF A SIX (6) CIRCUIT DISCONNECT BOX WITH THREE CIRCUIT BREAKERS ONE 15 AMP. FOR INTERNALLY ILLUMINATED STREET NAME SIGNS, ONE 15 AMP/ 240 VOLT FOR LIGHTING LUMINAIRE, AND ONE 60 AMP. FOR CONTROLLER CABINET.

SIGNAL HEADS:

ITEMS 650-51-313, 650-51-513, 659-101 AND 659-118
ALL SIGNAL HEADS SHALL BE CAST ALUMINUM.

ALL RED, YELLOW AND GREEN TRAFFIC SIGNAL AND PEDESTRIAN SIGNAL DISPLAYS SHALL BE F.D.O.T. CERTIFIED LED TYPE DISPLAYS.

TRAFFIC SIGNAL HEADS SHALL BE EQUIPPED WITH ONE PIECE METAL, LOUVERED BACK PLATES WHENEVER THE FACE OF SIGNAL LENS IS ORIENTED LESS THAN 40° NORTH OR 70° SOUTH OF TRUE EAST OR WEST. BACK PLATES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS CONSISTENT WITH SAFE CONSTRUCTION PRACTICES.

VIDEO DETECTION:

ITEM 663-74-11
THIS ITEM SHALL INCLUDE THE COST OF ALL LABOR AND MATERIALS REQUIRED OT FURNISH AND INSTALL AN OPERATIONAL VIDEO DETECTION ASSEMBLY. SEE LEE COUNTY PLAN SPECIFICATIONS FOR DETAILS. CAMERAS TO BE CONNECTED TO 90 DEGREE BRACKET AND MOUNTED DIRECTLY TO CONCRETE STRAIN POLES.

CONTROLLER OPERATIONS:

ITEM NO. 670-5-110
CONTROLLER SHALL BE A 16 PHASE CONTROLLER ASSEMBLY WIRED IN AN DOT TS2-TYPE 1 CABINET. ECONOLITE ASC/S-2100 CONTROLLER UNIT, EDI CONFLICT MONITOR, OR EQUIVALENT COMPATIBLE WITH EXISTING ECONOLITE CLOSED LOOP SYSTEM. THIS ITEM SHALL INCLUDE THE IMPLEMENTATION OF TIMINGS INTO ALL COMPONENTS. THE COORDINATION TIMINGS WILL BE SUPPLIED TO THE ENGINEER UPON HIS REQUEST. TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY THE ENGINEER.

CONTROLLER CABINET DOOR SHALL OPEN AWAY FROM THE INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.

CONTROLLER CABINET SHALL NOT INTERFERE WITH PEDESTRIANS WHEN CABINET IS OPEN.

CONTROLLER CABINET SHALL BE TYPE V, WITH QUAZITE BASE (OR APPROVED EQUAL). -A 4'x5'x4" THICK CONCRETE SERVICE SLAB SHALL BE CONSTRUCTED AT EACH CONTROLLER CABINET WHERE SIDEWALK IS NOT AVAILABLE.

EACH MOVEMENT SHALL BE WIRED SEPARATELY AND COMBINED IN THE CONTROLLER CABINET TO OBTAIN THE SPECIFIC SIGNAL OPERATION PLAN. (S.O.P.)

CONTROLLER BASE SHALL BE POLYMER CONCRETE CONSTRUCTION, AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. THIS ITEM SHALL INCLUDE ADDITIONAL COST OF CONCRETE, LABOR AND OTHER MATERIALS FOR CONTROLLER BASE, PAD AND STEPS AS REQUIRED..

BASE OF CONTROLLER TO BE SAME ELEVATION AS THE CENTER OF ROADWAY OR GREATER, BUT NO GREATER THAN 12 INCHES .

SIGNAL OPERATION PLAN TO BE ORIENTED WITH DRAWING.

PULL BOXES:

ITEM NO. 635-1-11
PULL BOXES SHALL BE QUAZITE PG1730BA12 BOXES WITH PG1730HA00 HEAVY DUTY COVER. NO EXCEPTIONS WILL BE APPROVED

PULL BOXES SHALL BE PLACED BEHIND CURB AND GUTTER. WHERE THERE IS NO CURB AND GUTTER, PULL BOXES SHALL BE PLACED A MINIMUM OF TEN FEET FROM THE EDGE OF PAVEMENT.

PULL BOX LIDS SHALL BE QUAZITE AND MARKED APPROPRIATELY, "TRAFFIC SIGNAL" OR "STREET LIGHTS".

PULL BOXES SHALL BE INSTALLED ON A BED OF GRAVEL WITH A MINIMUM DEPTH OF TWELVE (12) INCHES.

GRAVEL SHALL BE INSTALLED INSIDE THE PULL BOX TO A LEVEL OF TWO (2) INCHES BELOW TOP OF CONDUITS.

POLES:

THE GROUND ELEVATIONS SHOWN AT THE POLE LOCATIONS ARE APPROXIMATE, THE CONTRACTOR SHALL VERIFY THESE ELEVATIONS BEFORE ORDERING POLES.

LOCATION OF OVERHEAD WIRES IS APPROXIMATE, A TEN FOOT SEPARATION FROM THE SIGNAL POLE TO THE POWER LINES SHALL BE MAINTAINED.

EACH SIGNAL POLE SHALL HAVE A MINIMUM OF THREE (3) EACH TWO (2) INCH CONDUITS INSIDE.

SIGNAL POLES SHALL HAVE TWO (2) EACH TWO (2) INCH ACCESS NIPPLES IN FACE.

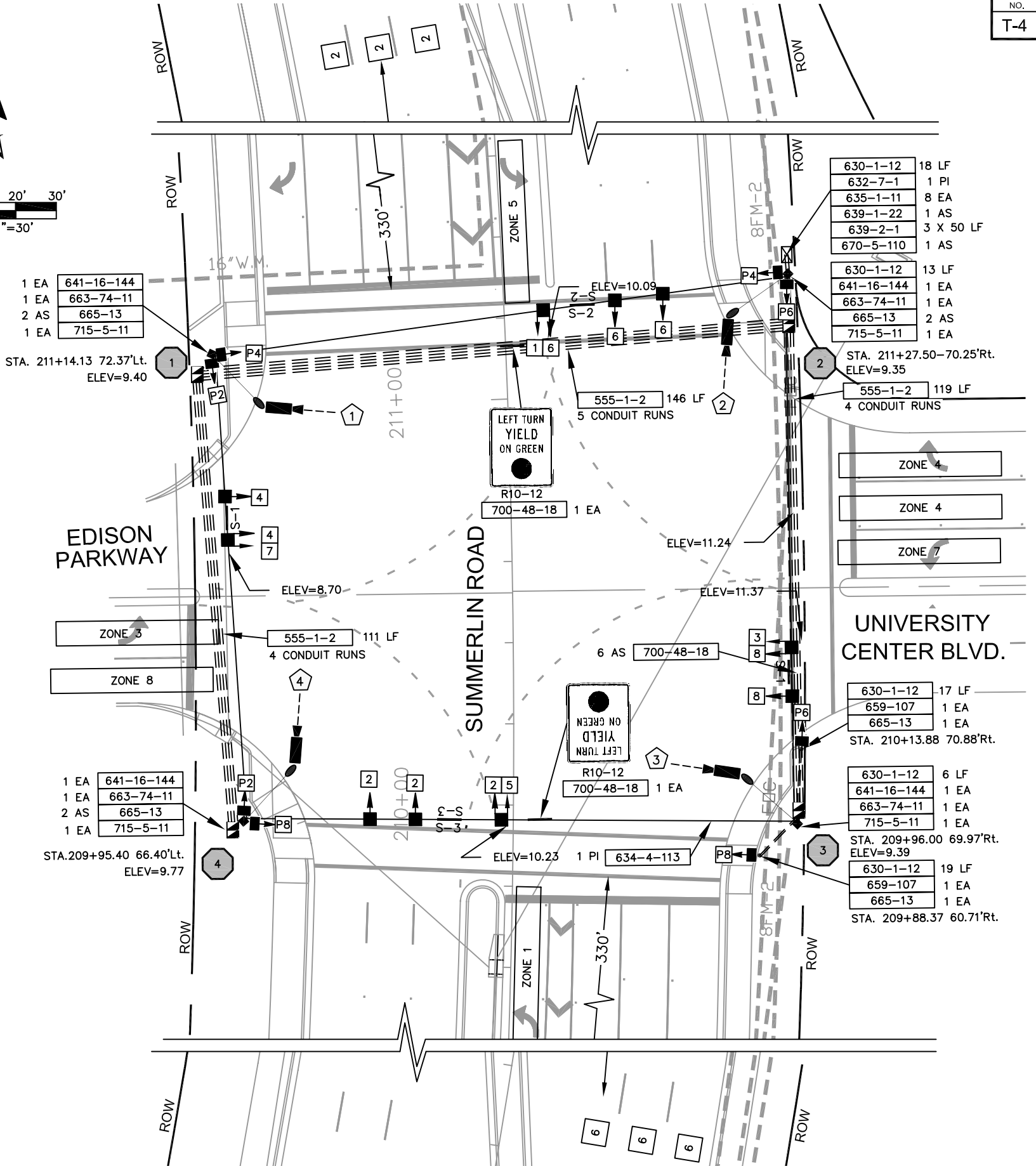
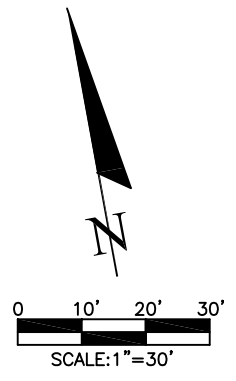
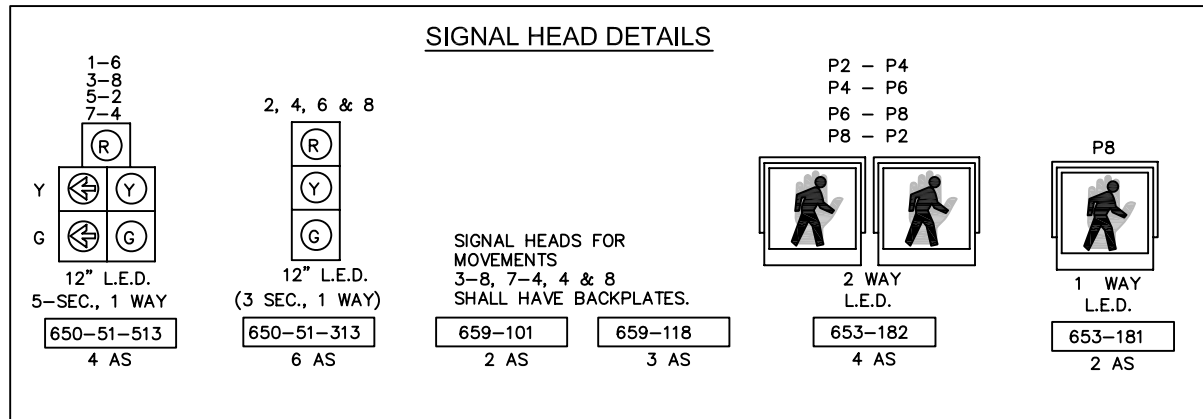
STREET LIGHTING:

ITEM 715-5-11
THIS ITEM IS FOR A 250 WATT HIGH PRESSURE SODIUM LUMINARIES DESIGNED FOR MEDIUM CUTOFF TYPE III DISTRIBUTION, AND REGULATED TYPE BALLAST WIRED FOR 240 VOLT OPERATION AND ONE PHOTO ELECTRIC CELL TO BE INSTALLED ON SERVICE DISCONNECT. LUMINARIES ARM SHALL BE TWENTY FEET IN LENGTH AND SHALL BE DESIGNED TO SUPPORT THE LUMINARIES AT A HEIGHT OF THIRTY FEET ABOVE THE ROADWAY ELEVATION. THIS ITEM SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR A COMPLETE AND ACCEPTABLE INSTALLATION OF LUMINAIRE AND ARM.

CONTACTS:

LEE COUNTY D.O.T. TRAFFIC SECTION RICH LISENBEE 5650 ENTERPRISE PARKWAY FORT MYERS, FL 33905 (239) 694-7600	FLORIDA POWER AND LIGHT ROY GARRISON 15834 WINKLER ROAD FT MYERS 33908 (239) 415-1345	EMBARQ RONN POPP 2820 CARGO STREET FORT MYERS, FL. 33916 (239) 336-2162
LEE COUNTY UTILITIES ENGINEERING DEPARTMENT VIOLET MOLNAR 1500 MONROE STREET, 3RD FLOOR FORT MYERS, FL 33901 (239) 479-8181	MIKE PIGOTT 26880 OLD U.S. 41 BONITA SPRINGS, FL 34134 (239) 793-9600	
COMCAST MARK COOK 26102 BONITA GRANDE DRIVE BONITA SPRINGS, FL. 34135 (239) 732-3805	TECO PEOPLES GAS JEREMIAH JOHNSON 5901 ENTERPRISE LANE FORT MYERS, FL. 33905 (239) 690-5513	

JOB NO. F0002.15	DATE	BY	REVISIONS	DESIGNED BY R.C.F.	APPROVED BY: REID C. FELLOWS	FINAL SUBMITTAL AUGUST 29, 2007	 TRANSPORTATION CONSULTANTS, INC. 13881 PLANTATION ROAD, SUITE 11 FORT MYERS, FLORIDA 33912-4339 (239) 278-3090 CERTIFICATE OF AUTHORIZATION: #27003	SUMMERLIN ROAD SIGNALIZATION PLAN
				DRAWN BY W.L.F.	P.E. 61673			GENERAL NOTES



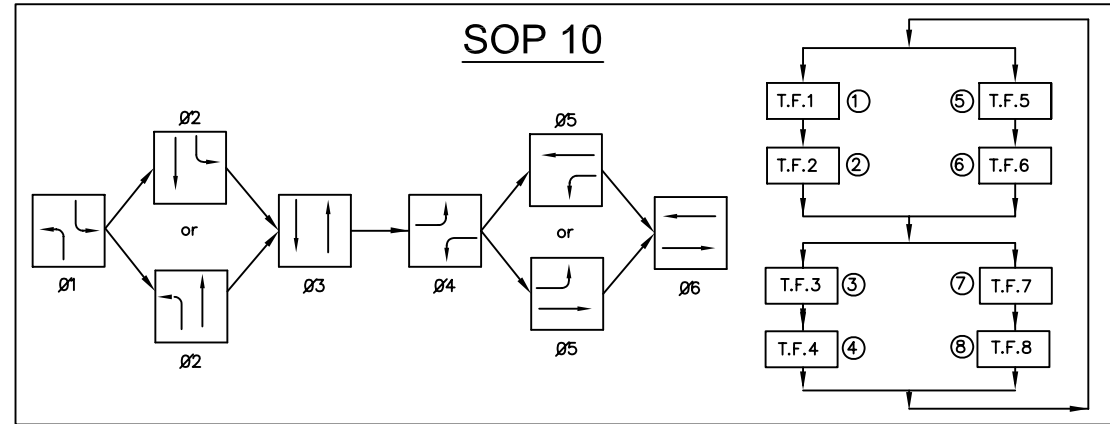
CONTROLLER TIMINGS

TIMING FUNCTION	1	5	2	6	3	7	4	8
MOVEMENT NO.	1	5	2	6	3	7	4	8
MIN. GREEN (INT.)	7	7	20	20	7	7	7	7
EXT. (PASS)	3	3	4	4	3	3	3	3
MAX. GRN. I	15	20	40	40	15	25	15	15
MAX. GRN. II	15	20	60	60	15	25	15	15
YELLOW CLR.	4.3	4.3	4.3	4.3	4	4	4	4
ALL RED CLR.	2	2	2	2	1	1	1	1
PED. WALK			7	7			7	7
PED. CLR.			23	23			30	30
RECALL			MIN	MIN				

CAMERA / ZONE

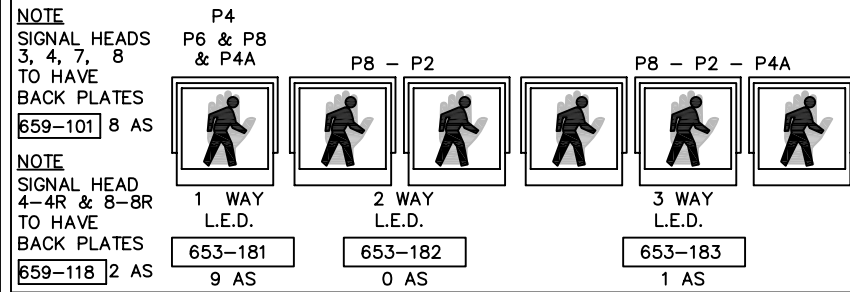
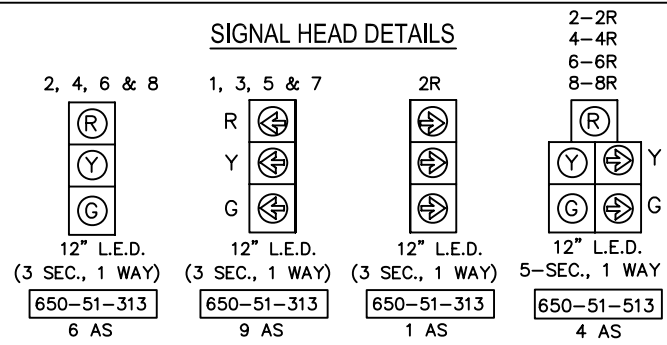
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1	4	4
2	1	1
2	6	6
3	3	3
3	8	8
4	5	5
4	2	2

TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE PROJECT ENGINEER, TIMINGS ARE FOR SOP 10



NOTES:
 MAJOR STREET IS SUMMERLIN ROAD, PHASE 3 (MOVEMENTS 2 AND 6) AND THE MINOR STREET IS UNIVERSITY CENTER BOULEVARD/EDISON PARKWAY, PHASE 6 (MOVEMENTS 4 AND 8)

SIGNAL HEAD DETAILS



CAMERA / ZONE

CAMERA NUMBER	CONNECT TO ZONE	CONNECT TO TIMING FUNCTION
1	5	5
1	2	2
2	4	4
2	7	7
3	6	6
3	1	1
4	3	3
4	8	8

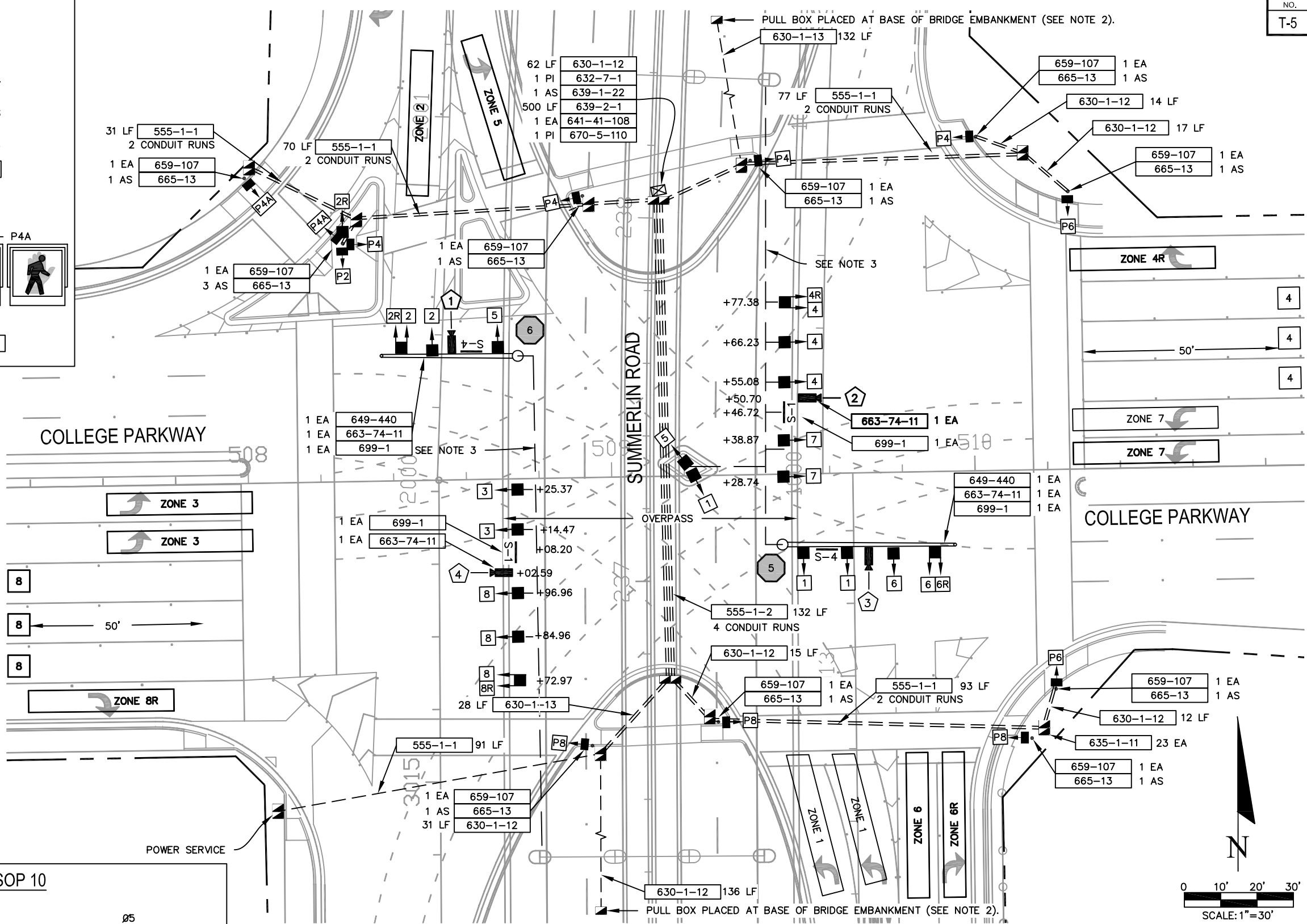
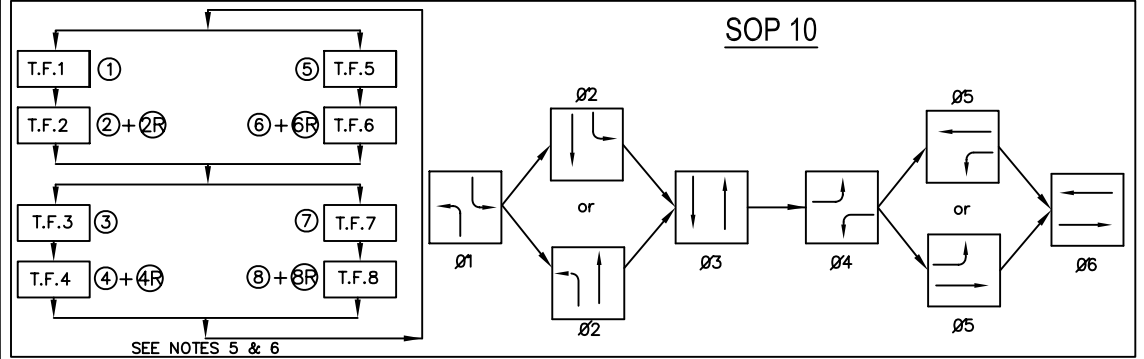
SIGNAL STRUCTURES

ID	STATION & OFFSET	PAY ITEM NO.
5	237+09.91 36.96'Rt.	649-440
6	237+61.69 36.96'Lt.	649-440

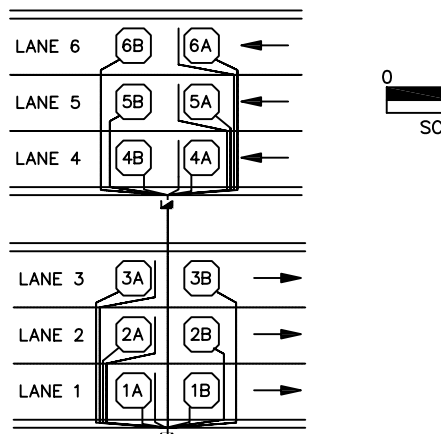
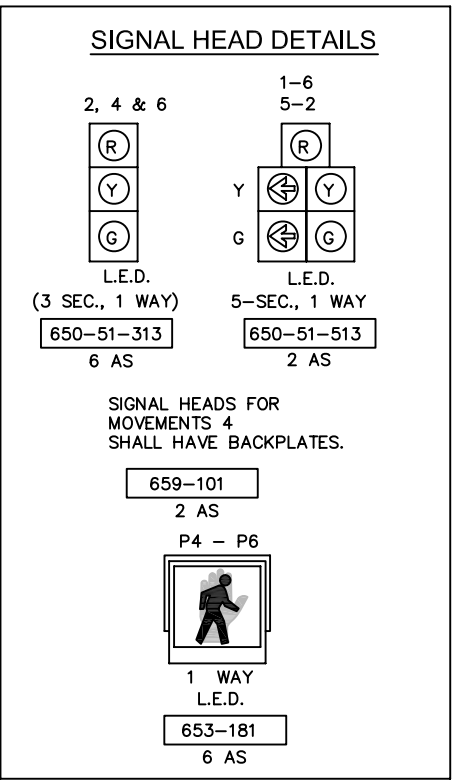
CONTROLLER TIMINGS

TIMING FUNCTION	1	5	2	6	3	7	4	8
MOVEMENT NO.	1	5	2	6	3	7	4	8
MIN. GREEN (INT.)	7	7	20	20	7	7	7	7
EXT. (PASS)	2	2	4	4	2	2	2	2
MAX. GRN. I	15	20	40	40	15	25	15	15
MAX. GRN. II	15	20	60	60	15	25	15	15
YELLOW CLR.	4	4	4	4	4	4	4	4
ALL RED CLR.	1	1	2	2	1	1	2	2
PED. WALK			7	7			7	7
PED. CLR.			30	30			25	25
RECALL			MIN	MIN				

TIMINGS ARE FOR SOP 10 AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE PROJECT ENGINEER



- NOTES**
1. MAJOR STREET IS COLLEGE PARKWAY, PHASE 6 (MOVEMENTS 4 AND 8) AND THE MINOR STREET IS SUMMERLIN ROAD) PHASE 6 (MOVEMENTS 2 AND 6).
 2. RIGID GALVANIZED STEEL CONDUIT SHALL BE INSTALLED UP BRIDGE EMBANKMENT AND ENTER BOX GIRDER.
 3. SEE BRIDGE PLANS FOR CONDUIT INSTALLATION ON BRIDGE EMBANKMENT.
 4. COST OF CONDUIT ON BRIDGE EMBANKMENT SHALL BE INCIDENTAL TO THE COST OF THE BRIDGE.
 5. MOVEMENT 2R TO BE CONTINUOUS GREEN ARROW INDICATION EXCEPT DURING PEDESTRIAN P4A MOVEMENT. 2R SHALL DISPLAY RED ARROW DURING PEDESTRIAN P4A WALK AND CLEARANCE.
 6. RIGHT TURN OVERLAP SHALL NOT BE DISPLAYED WHEN ASSOCIATED PEDESTRIAN PHASE IS ACTIVATED. CONTROLLER SHALL BE PROGRAMMED WITH "NEGATIVE PEDESTRIAN OVERLAP" METHODOLOGY.



TRAFFIC MONITORING STATION

N.T.S.

635-1-11	2 EA
639-1-1	1 EA
639-2-1	50 LF
641-42-130	1 EA
745-70-12	1 AS
746-71-12	1 EA
747-70-11	1 AS

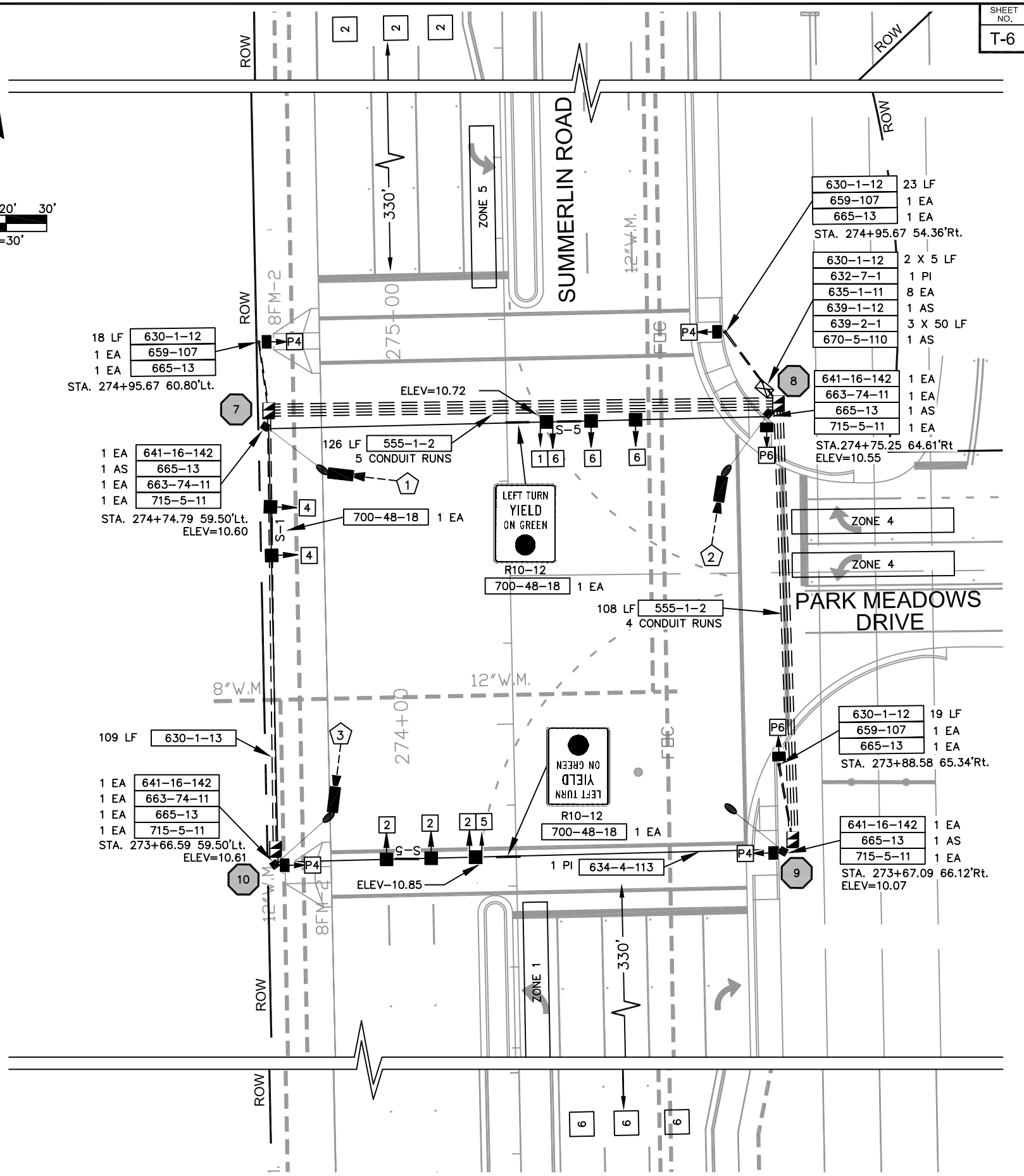
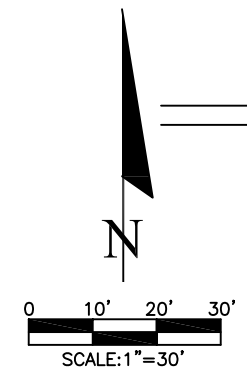
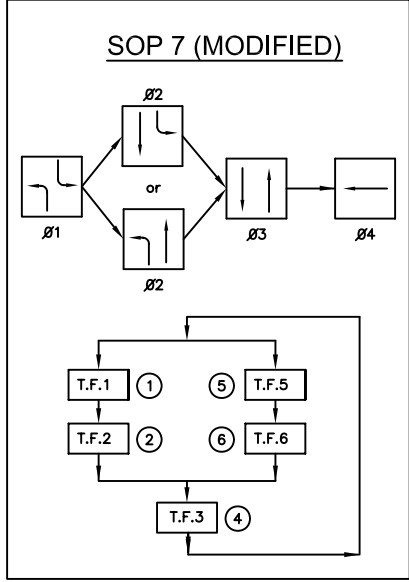
CAMERA / ZONE

CAMERA NUMBER	CONNECT TO ZONE	CONNECT TO TIMING FUNCTION
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2	6	6
2	1	1
3	2	2
3	5	5

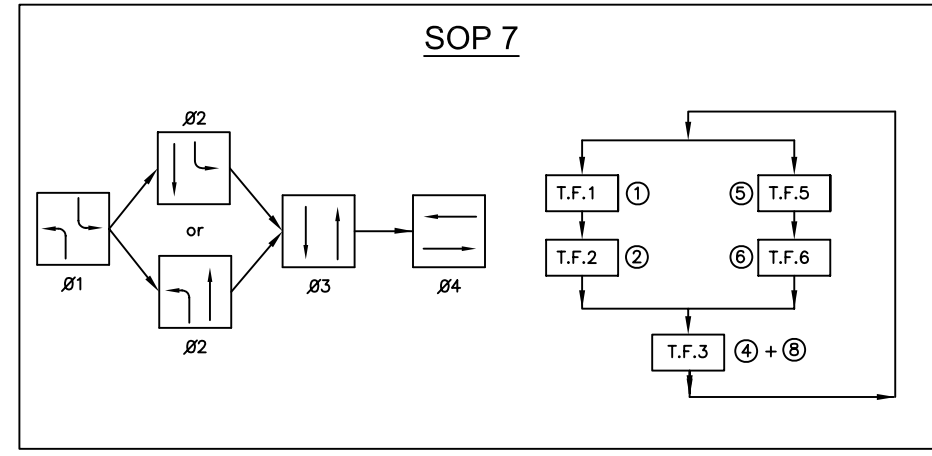
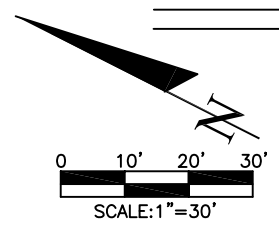
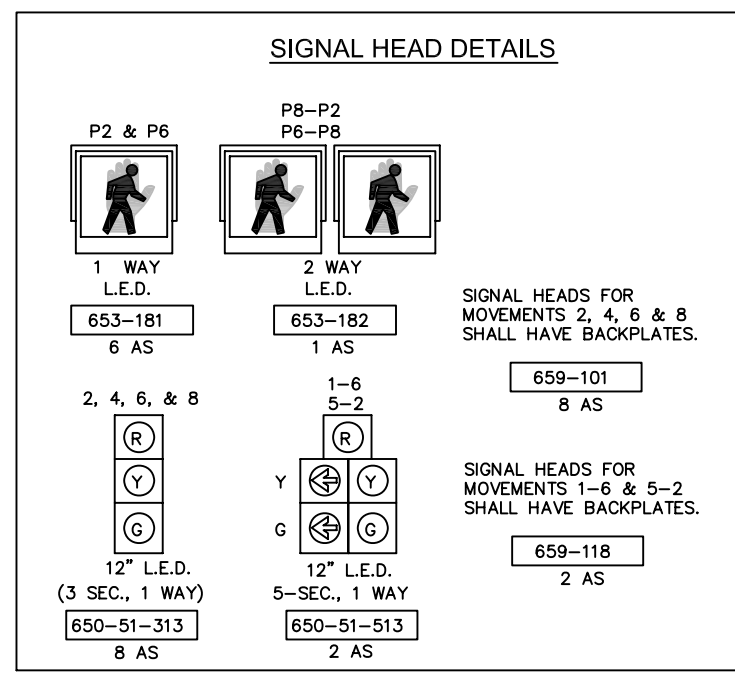
CONTROLLER TIMINGS

TIMING FUNCTION	1	2	3	5	6
MOVEMENT NO.	1	2	4	5	6
MIN. GREEN (INT.)	7	20	7	7	20
EXT. (PASS)	2	4	2	2	4
MAX. GRN. I	25	70	30	25	70
MAX. GRN. II					
YELLOW CLR.	4.3	4.3	4	4.3	4.3
ALL RED CLR.	2	2	1	2	2
PED. WALK			7		7
PED. CLR.			25		19
RECALL		MIN		MIN	

TIMINGS INITIAL AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE PROJECT ENGINEER



- NOTE:
- MAJOR STREET IS SUMMERLIN ROAD, PHASE 3 (MOVEMENTS 2 AND 6) AND THE MINOR STREET IS PARK MEADOWS DRIVE, PHASE 4 (MOVEMENT 4).
 - EXISTING PERMANENT COUNT STATION LOCATED NORTH OF PARK MEADOWS DRIVE ON SUMMERLIN ROAD SHALL BE RELOCATED AND NEW LOOPS SHALL BE INSTALLED FOR NEW ROADWAY CROSS SECTION.



CONTROLLER TIMINGS

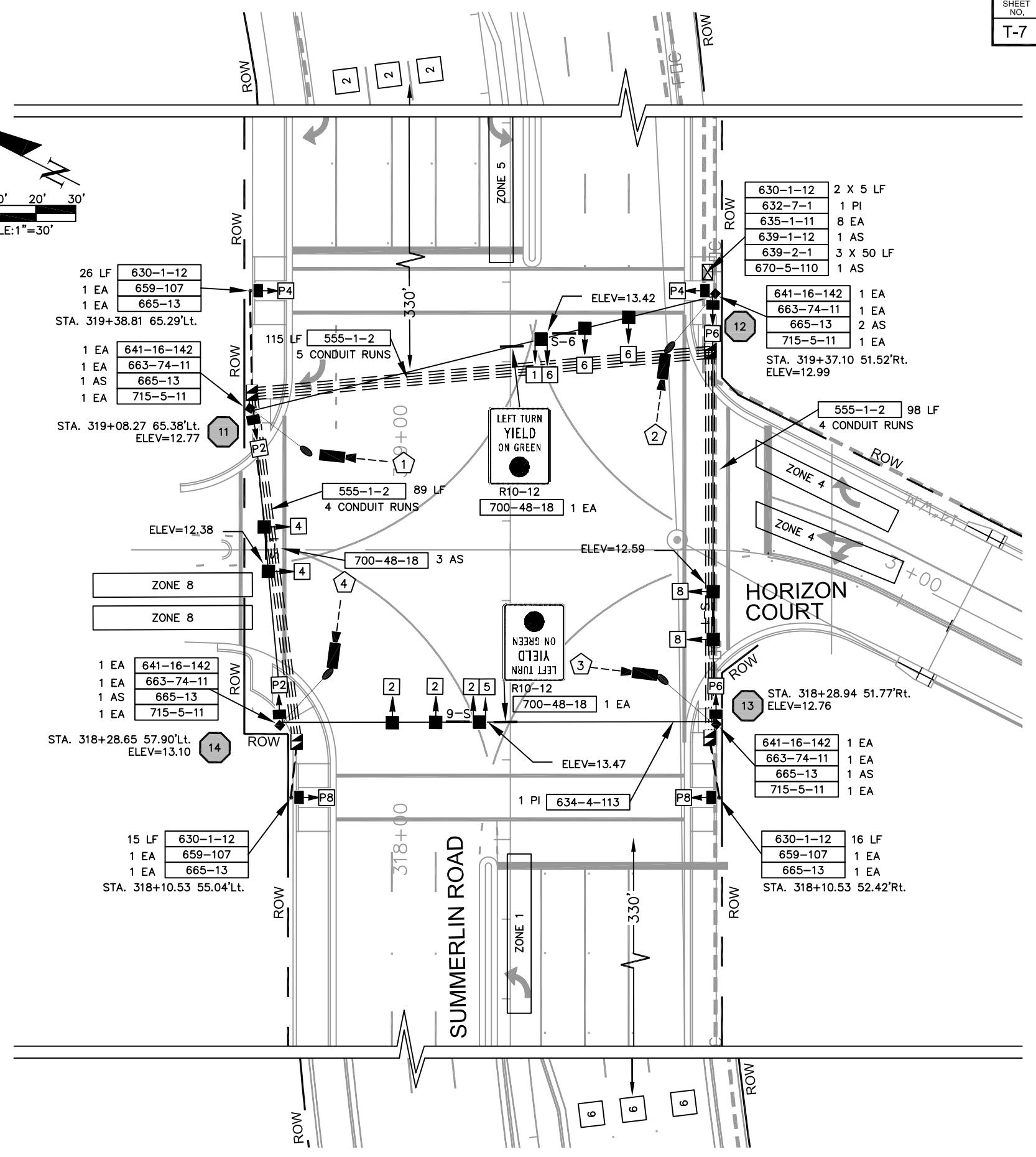
TIMING FUNCTION	1	5	2	6	3	3
MOVEMENT NO.	1	5	2	2	4	8
MIN. GREEN (INT.)	4	4	15	15	10	10
EXT. (PASS)	3	3	2	2	3	3
MAX. GRN. I	15	15	45	45	20	20
MAX. GRN. II						
YELLOW CLR.	3	3	4.5	4.5	3.5	3.5
ALL RED CLR.			2	2	0.5	0.5
PED. WALK			7	7	7	7
PED. CLR.			20	20	27	27
RECALL			MIN	MIN		

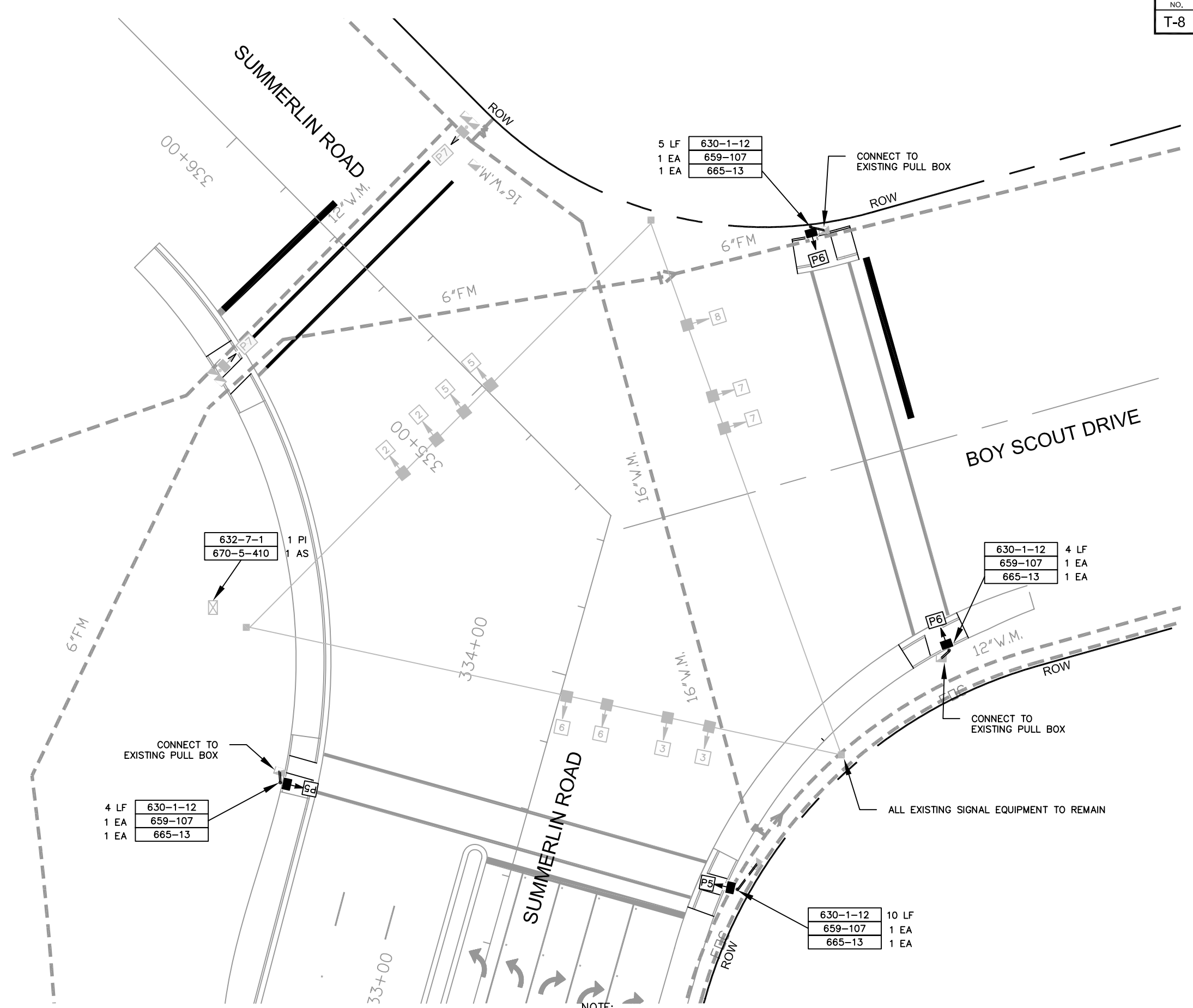
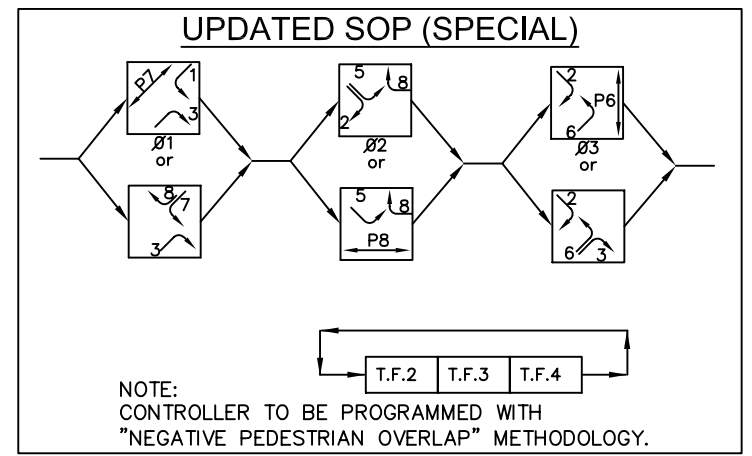
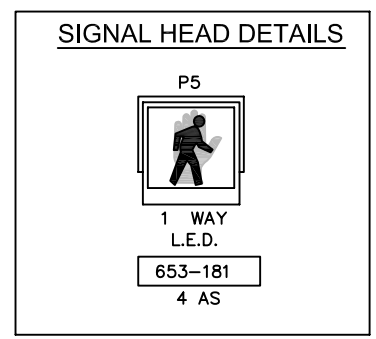
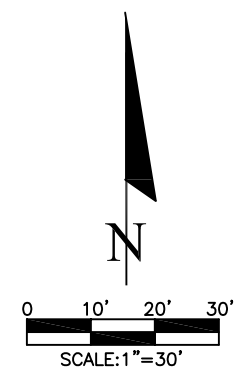
TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE PROJECT ENGINEER, TIMINGS ARE FOR SOP 7

NOTES:
 MAJOR STREET IS SUMMERLIN ROAD, PHASE 3 (MOVEMENTS 2 AND 6)
 AND THE MINOR STREET IS HORIZON COURT, PHASE 4 (MOVEMENTS 4 AND 8)

CAMERA / ZONE

CAMERA NUMBER	CONNECT TO ZONE	CONNECT TO TIMING FUNCTION
1	4	3
2	1	1
2	6	6
3	8	3
4	5	5
4	2	2





NOTE:
CONTRACTOR MUST OBTAIN AN UPGRADED EPROM TO ACCOMMODATE NEW PEDESTRIAN PHASING.

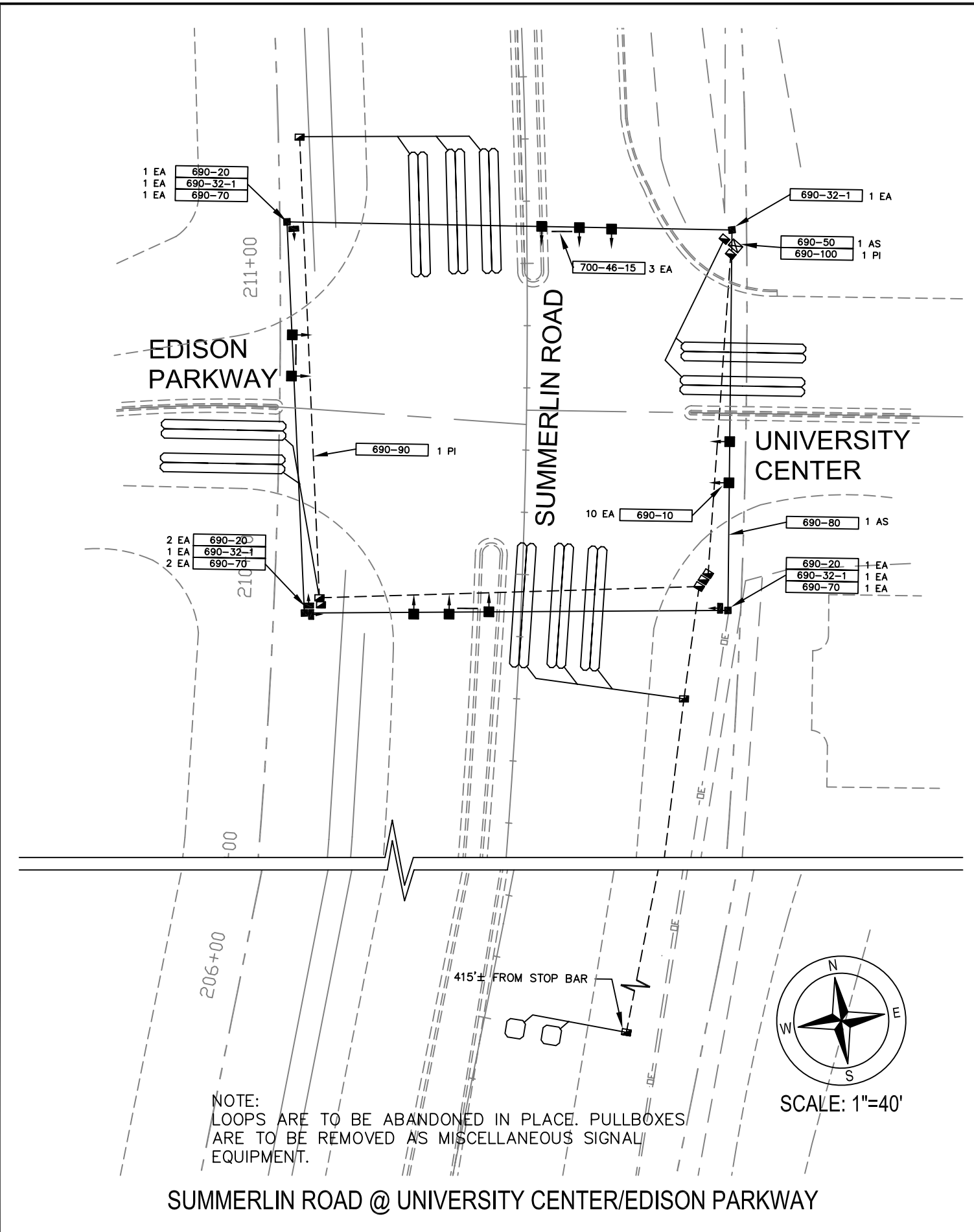
JOB NO. F0002.15	DATE	BY	REVISIONS	DESIGNED BY R.C.F.	APPROVED BY: REID C. FELLOWS	13881 PLANTATION ROAD, SUITE 11 FORT MYERS, FLORIDA 33912-4339 (239) 278-3090 CERTIFICATE OF AUTHORIZATION: #27003	SUMMERLIN ROAD SIGNALIZATION PLAN
				DRAWN BY W.L.F.	P.E. 61673		
				CHECKED BY R.C.F.			

FINAL SUBMITTAL
AUGUST 29, 2007

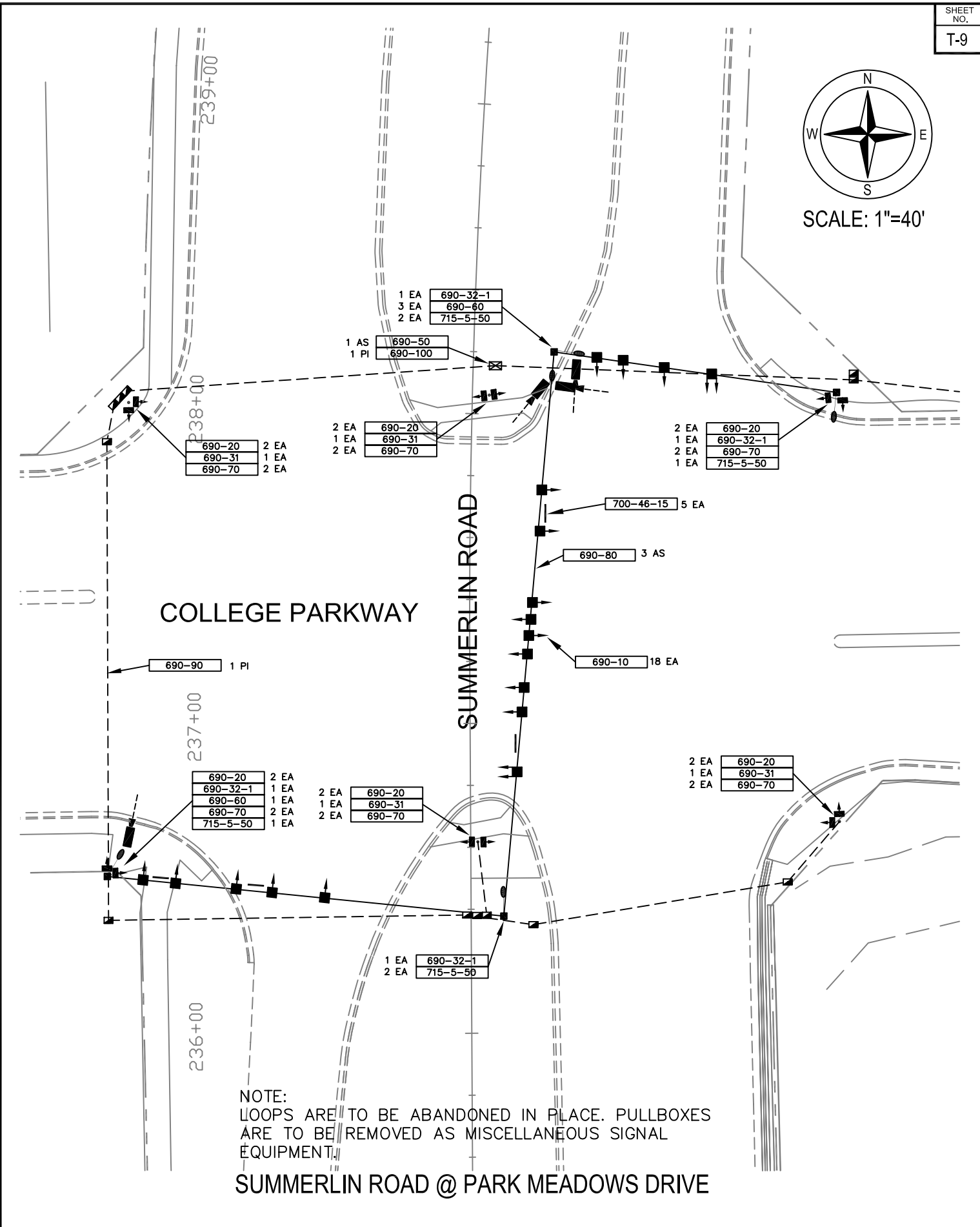
TRANSPORTATION
CONSULTANTS, INC.



SCALE: 1"=40'



SUMMERLIN ROAD @ UNIVERSITY CENTER/EDISON PARKWAY

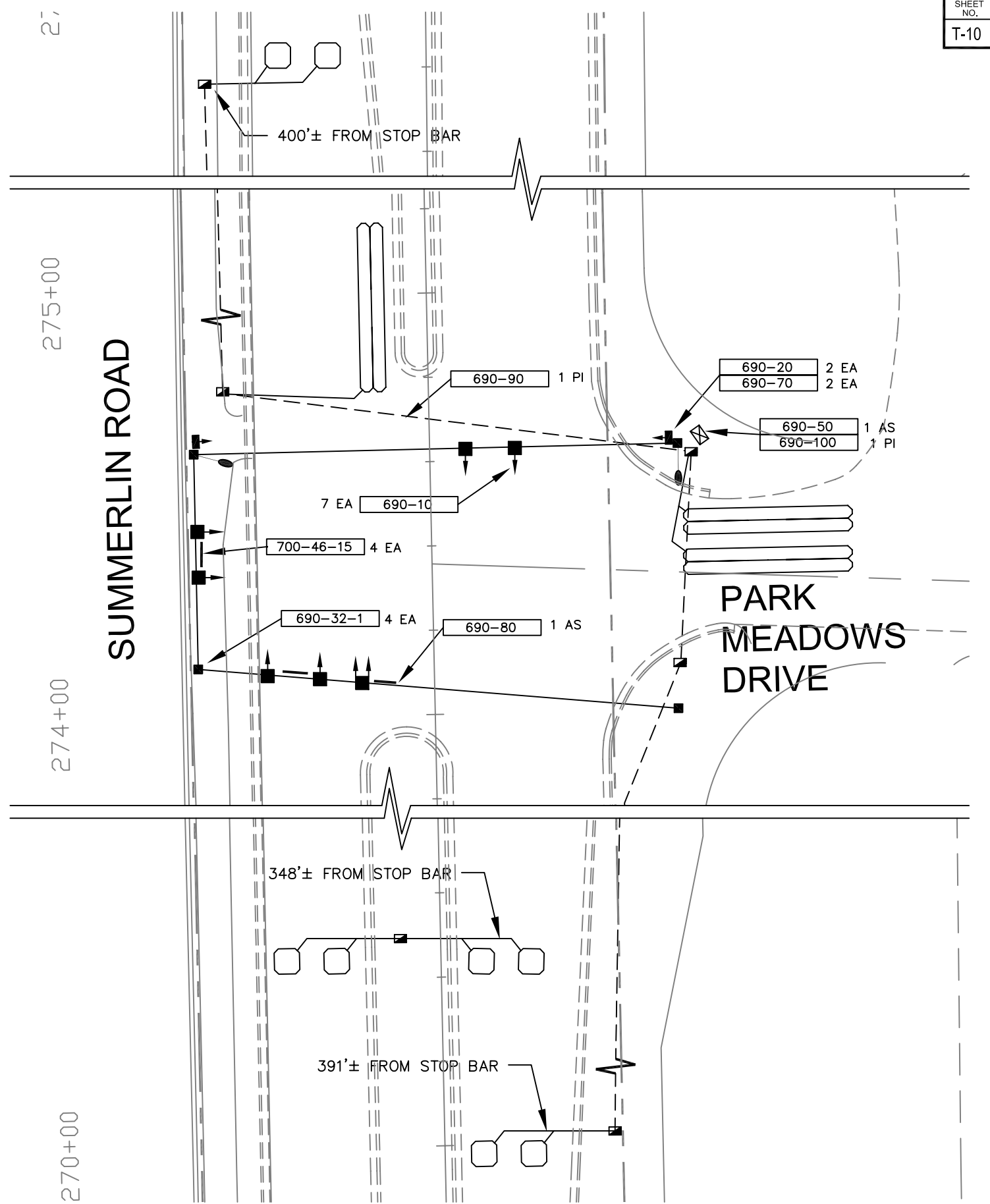


SUMMERLIN ROAD @ PARK MEADOWS DRIVE

JOB NO. F0002.15	DATE	BY	REVISIONS	DESIGNED BY R.C.F.	APPROVED BY: REID C. FELLOWS	FINAL SUBMITTAL AUGUST 29, 2007	TRANSPORTATION CONSULTANTS, INC.	13881 PLANTATION ROAD, SUITE 11 FORT MYERS, FLORIDA 33912-4339 (239) 278-3090 CERTIFICATE OF AUTHORIZATION: #27003	SUMMERLIN ROAD SIGNALIZATION PLAN DEMOLITION PLAN
				DRAWN BY W.L.F.	P.E. 61673				



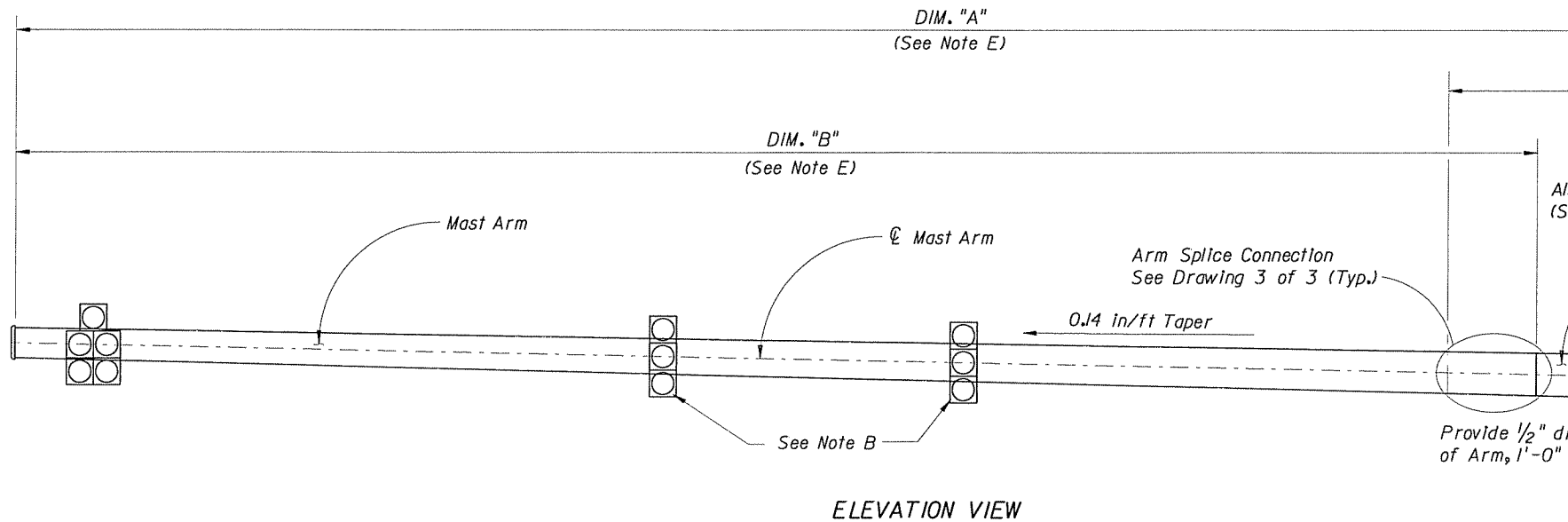
SCALE: 1"=40'



NOTE:
 LOOPS ARE TO BE ABANDONED IN PLACE. PULLBOXES
 ARE TO BE REMOVED AS MISCELLANEOUS SIGNAL
 EQUIPMENT.

SUMMERLIN ROAD @ PARK MEADOWS DRIVE

JOB NO. F0002.15	DATE	BY	REVISIONS	DESIGNED BY R.C.F.	APPROVED BY: REID C. FELLOWS	TR TRANSPORTATION CONSULTANTS, INC. 13881 PLANTATION ROAD, SUITE 11 FORT MYERS, FLORIDA 33912-4339 (239) 278-3090 CERTIFICATE OF AUTHORIZATION: #27003	SUMMERLIN ROAD SIGNALIZATION PLAN DEMOLITION PLAN
				DRAWN BY W.L.F.	P.E. 61673		



MAST ARM ASSEMBLIES GENERAL NOTES

- 1) Signal Structure Materials shall be as follows:
- Poles & Mast Arm → ASTM A1011 Grade 50, 55, 60 or 65 (less than 1/4") or ASTM A572 Grade 50, 55, 60 or 65 (1/4" and over) or ASTM A595 Grade A (55 ksi yield) or Grade B (60 ksi yield)

Steel Plates	→ ASTM A709 Grade 36 or ASTM A36
Weld Metal	→ E70XX
Bolts (Including Anchor Bolts)	→ ASTM A325, Type 1
Nuts	→ ASTM A563 Grade A Heavy Hex
Washers	→ ASTM F436 Type 1
Handhole Frame	→ ASTM A709 Grade 36 ksi or ASTM A36
Handhole Cover	→ ASTM A1011 Grade 50, 55, 60 and 65 ksi
Caps	→ ASTM A1011 Grade 50, 55, 60 and 65 ksi ASTM B209
Nut Covers	→ ASTM B26 (319-F)
Stainless Steel Screws	→ AISI Type 316

- 2) All welding shall conform to American Welding Society Structural Welding Code (Steel) ANSI/AWS D1.1 (current edition)

- 3) All Steel Items shall be galvanized as follows:
- All Nuts, Bolts and Washers → ASTM A153 Class C or D depending on size
 - All other steel items (Including Pole and Mast Arm) → ASTM A123

- 4) The Structure must be assembled after galvanizing and prior to shipment to the site to assure fit up. It may be disassembled for shipping.
- 5) The Design Wind Speed: 110 MPH (as per FDOT Plans Prep Manual, Vol. 1, 2004.)
- 6) Sign Panels and Signals attached to the Mast Arm shall be centered in elevation on the arm. Sign Panels shall be aluminum. Wire access holes shall not exceed 1/2" in diameter.
- 7) Mast Arm and Poles shall be tapered with the diameter changing at a rate of 0.14 Inch per foot.
- 8) Locate Handhole 180° from Arm.

- 9) The Pole shall be installed vertically. Camber shall be accounted for connection as detailed. Camber Angle shall be 2°.

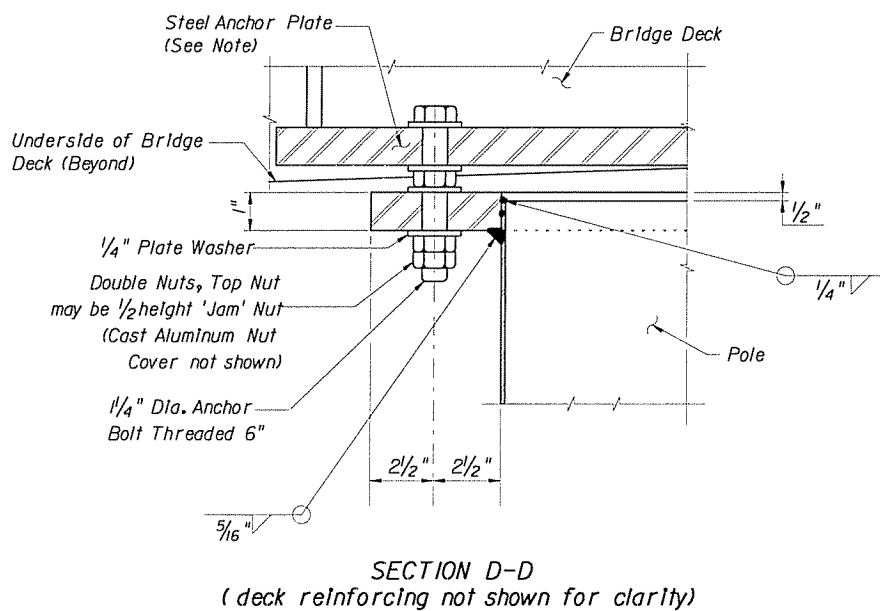
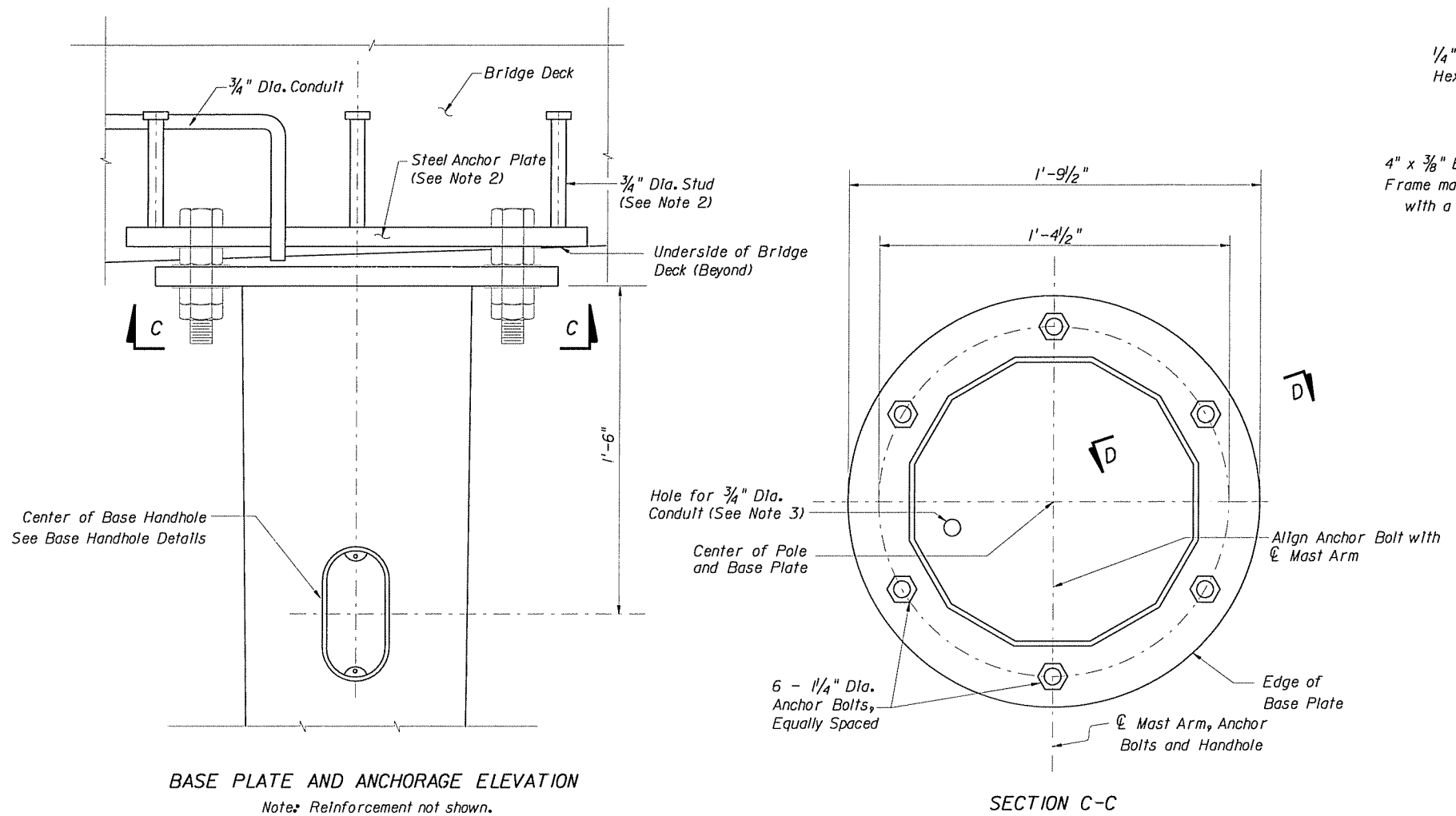
- 10) All bolt hole diameters shall be equal to the bolt diameter plus 1/16"
- 11) Shop Drawings for this Structure are required and fabrication of these Shop Drawings are approved. Shop Drawings shall include the field verification of all upright heights and attachment elevations, minimum vertical clearances as per traffic plans, Shop Drawings shall include anchor bolt orientation with respect to Mast Arm(s) and the direction of traffic.

- 12) Payment for furnishing and installing the complete Signal Structure shall include Mast Arm Anchor plate, Splices and any incidental items shall be per No. 649-PI15-011 Mast Arm Assembly.

- 13) Aluminum Identification Tag Not to Exceed 2" x 4". Secure to Pole with Steel rivets or screws. Fabricators to provide details for approval. Tag to be located on inside of Pole visible from handhole or on outside of Pole. Tag to be stamped with the following information:

- A) Financial Project ID
- B) Pole Base Diameter (in.)
- C) Pole Wall Thickness (in.)
- D) Arm Diameter at Pole (in.)
- E) Arm Wall Thickness (in.)
- F) Manufacturer's Name

REVISIONS						DRAWN BY		ENGINEER OF RECORD		LEE COUNTY DEPARTMENT OF	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	NAME	DATE	PITMAN-HARTENSTEIN & ASSOC., INC.		ROAD NO.	COUNTY
						DRAWN BY	EKC	3-04	ENGINEERS		
						CHECKED BY	KYF	3-04	EB • 00004464		C.R. 869
						DESIGNED BY	KYF	3-04	7820 ARLINGTON EXPWY.		LEE
						CHECKED BY	LZ	3-04	JACKSONVILLE, FLORIDA		
						APPROVED BY	S.W. JONES				

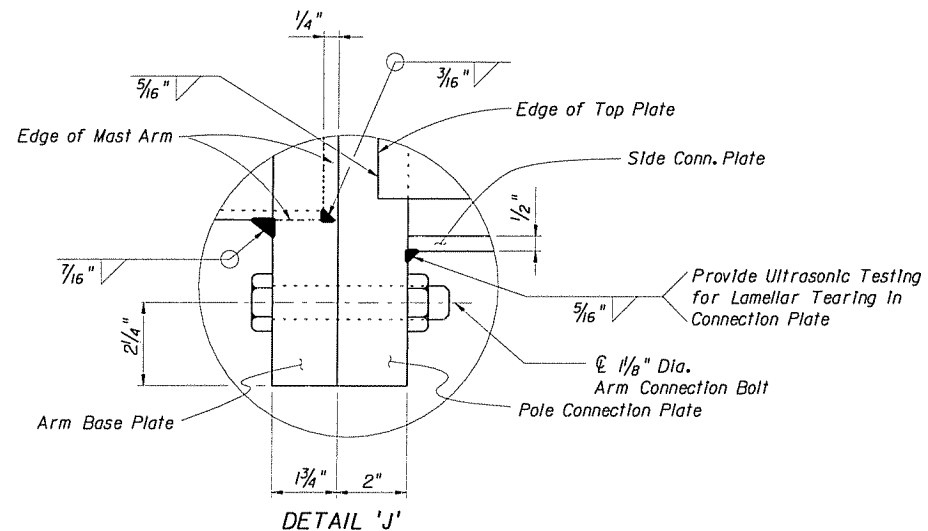
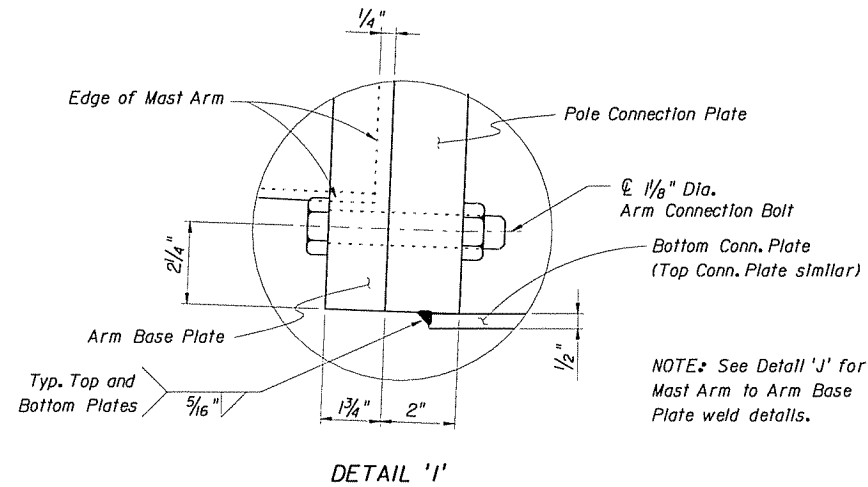
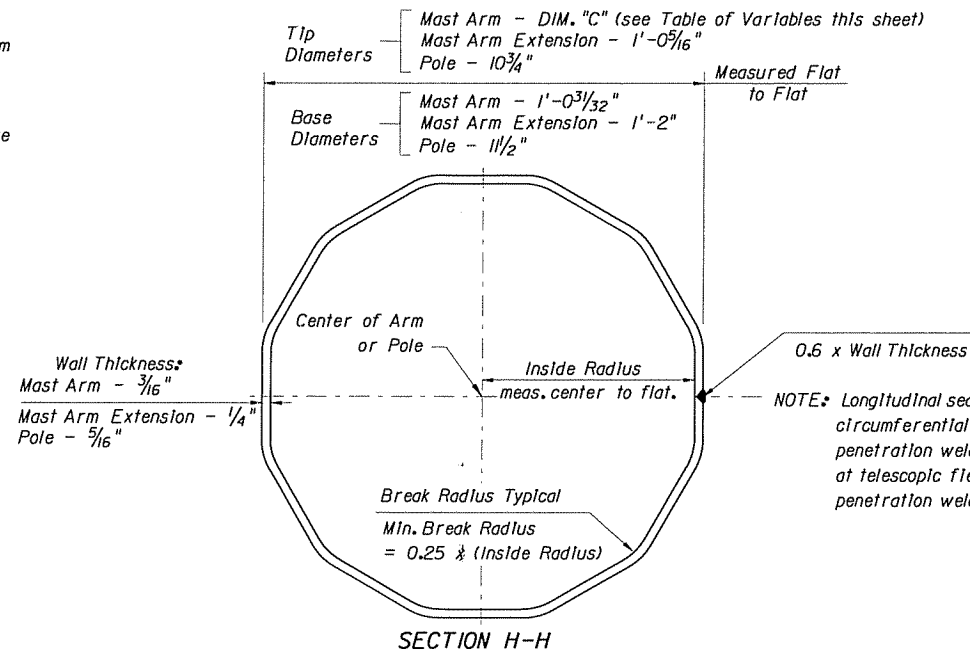
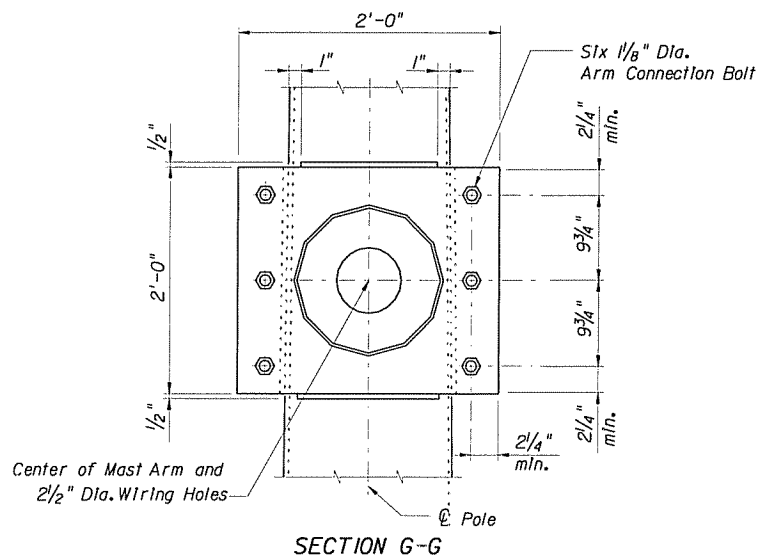
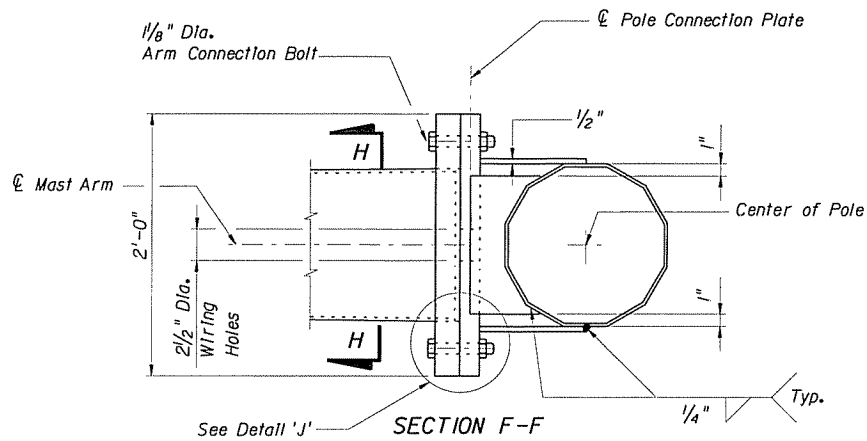
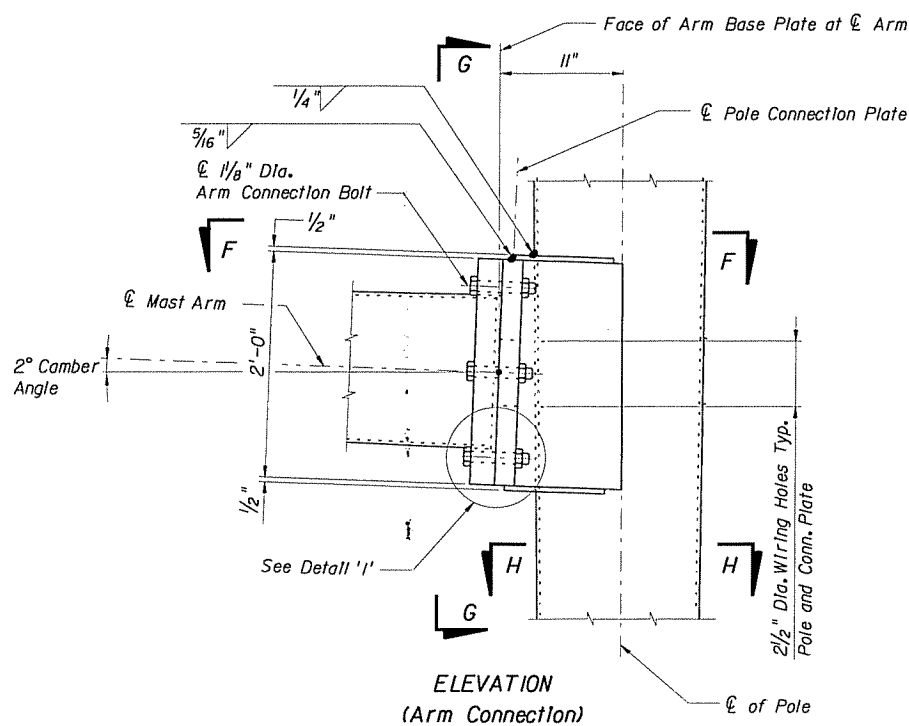


REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NAME	DATE
DRAWN BY EKC	3-04
CHECKED BY KYF	3-04
DESIGNED BY KYF	3-04
CHECKED BY LZ	3-04
APPROVED BY S.W. JONES	

ENGINEER OF RECORD, PITMAN-HARTENSTEIN & ASSOC., INC.		LEE COUNTY DEPARTMENT C
ENGINEERS		ROAD NO
EB • 00004464		COUNTY
7820 ARLINGTON EXPWY. JACKSONVILLE, FLORIDA		CR 869
		LEE



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

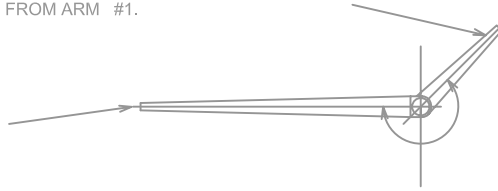
NAME	DATE
DRAWN BY EKC	3-04
CHECKED BY KYF	3-04
DESIGNED BY KYF	3-04
CHECKED BY LZ	3-04
APPROVED BY S.W. JONES	

ENGINEER OF RECORD,
PITMAN-HARTENSTEIN & ASSOC., INC.
ENGINEERS
EB 00004464
7820 ARLINGTON EXPWY.
JACKSONVILLE, FLORIDA

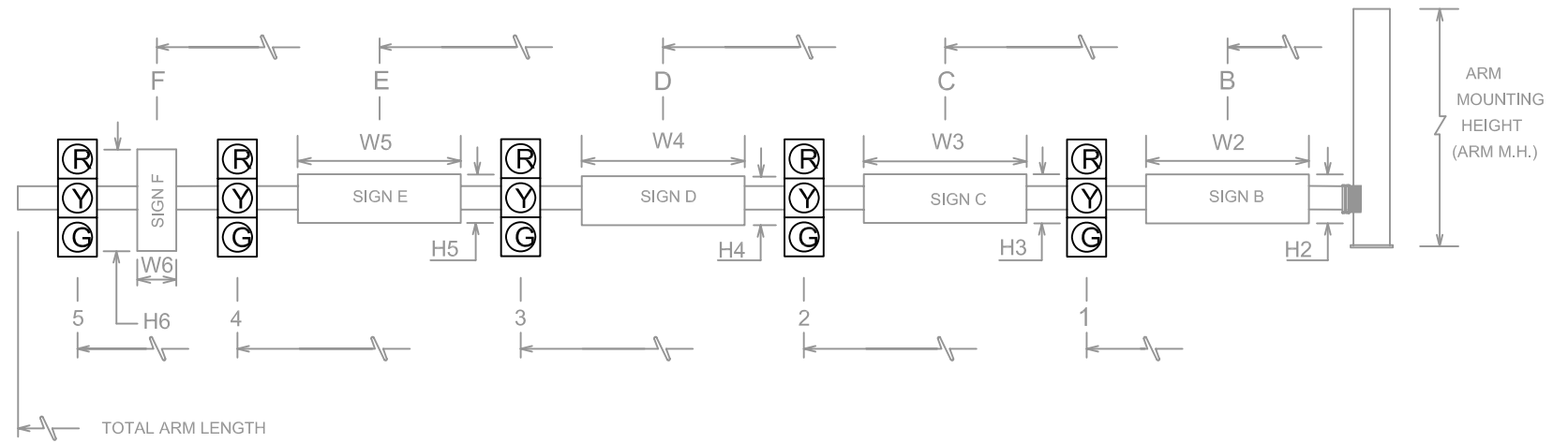
LEE COUNTY DEPARTMENT OF	
ROAD NO.	COUNTY
C.R. 869	LEE

ARM #2 - DOUBLE ARM POLE ORIENTATION TO BE MEASURED IN A COUNTER CLOCKWISE DIRECTION FROM ARM #1.

ARM #1-SINGLE ARM OR LONGER ARM FOR DOUBLE ARM POLE



SPECIAL INSTRUCTIONS				
ID NO.	PED. BUTTON	PED. SIGNALS	HANDHOLE LOCATION	
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-



* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY.

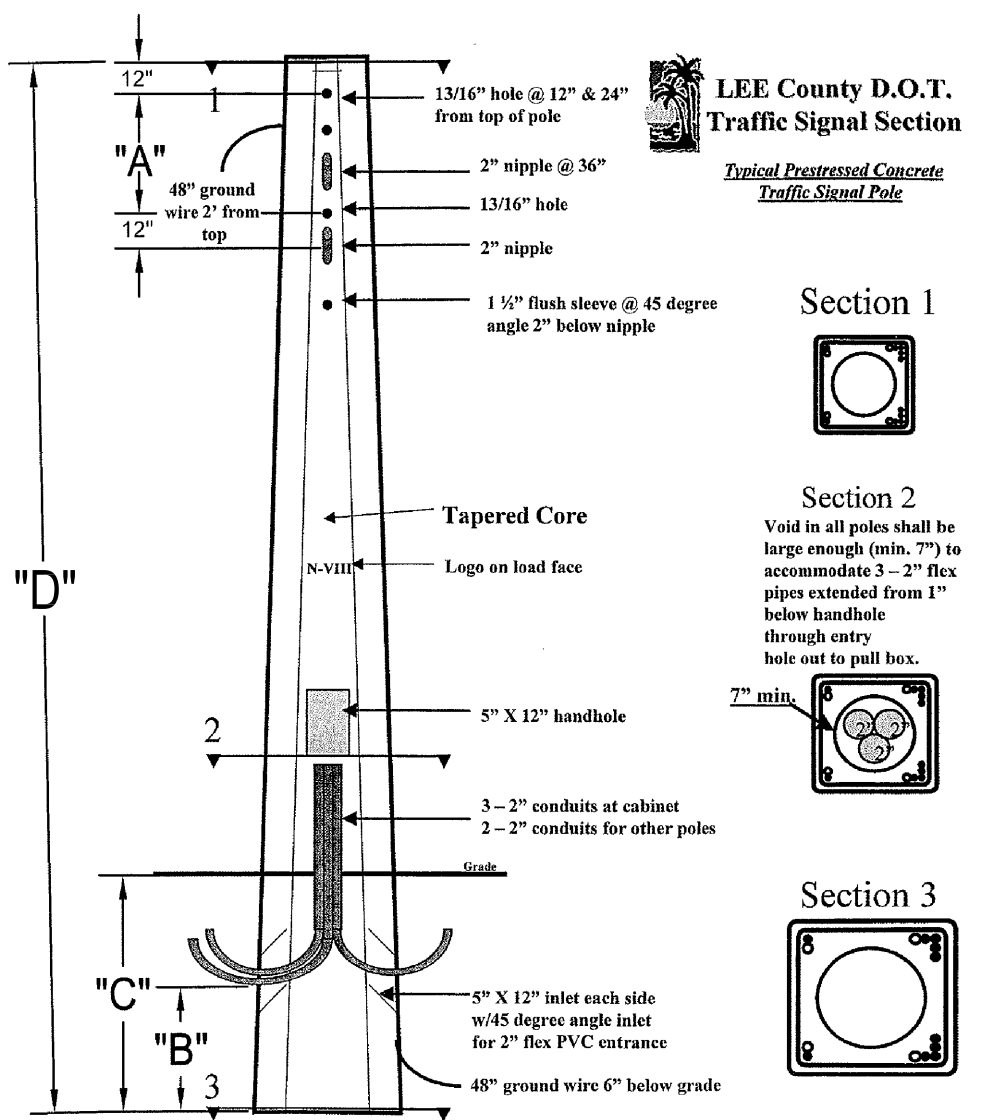
SHADED AREAS INDICATE VIDEO DETECTION CAMERA

ID NO.	SHEET NO.	LOCATION BY STA.	TOP OF FOUNDATION ELEVATION	RDWY ARM NO.	CROWN ELEV.	SIGNAL V/H	BACK PLATES Y/N	PED. SIGNAL Y/N	SIGNAL DATA												TOTAL ARM LENGTH	ARM M.H.	∠BETWEEN DUAL ARMS 90/270	SIGN DATA															PAINT COLOR
									DISTANCE FROM POLE (FT.)															DISTANCE FROM POLE / HEIGHT AND WIDTH OF SIGN (FT.)															
									1	*	2	*	3	*	4	*	5	*	A	H1				W1	B	H2	W2	C	H3	W3	D	H4	W4	E	H5	W5			
5	T-5	237+09.91 - 36.96' Rt.	-	1	-	-	-	-	5.7	3	17.7	3	30.5	3	42.0	5	-	-	47.5	-	-	-	-	-	-	-	12.2	2.0	4.0	23.7	-	-	-	-	-	-	-	-	
6	T-5	237+61.69 - 36.96' Lt.	-	1	-	-	-	-	5.5	3	23.5	3	32.0	5	-	-	-	37.5	-	-	-	-	-	-	-	12.8	2.0	4.0	18.1	-	-	-	-	-	-	-	-	-	
				2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

STRAIN POLE SCHEDULE

INTERSECTION	LOCATION	POLE NO.	TYPE	A	B	C	D	UPPER TIE-IN HT.	LOWER TIE-IN HT.	ITEM NO.
EDISON PKWY/ UNIVERSITY CENTER BOULEVARD SHEET T-4	N.W. COR.	1	VII	8.2	8.24	10.74	44.0	43.0	34.8	641-16-144
	N.E. COR.	2	VII	8.2	8.19	10.69	44.0	43.0	34.8	641-16-144
	S.E. COR.	3	VII	8.2	8.23	10.73	44.0	43.0	34.8	641-16-144
	S.W. COR.	4	VII	8.2	8.61	11.11	44.0	43.0	34.8	641-16-144
PARK MEADOWS DRIVE SHEET T-6	N.W. COR.	7	VII	7.3	8.91	11.41	42.0	41.0	33.7	641-16-142
	N.E. COR.	8	VII	7.3	8.86	11.36	42.0	41.0	33.7	641-16-142
	S.E. COR.	9	VII	7.3	8.38	10.88	42.0	41.0	33.7	641-16-142
	S.W. COR.	10	VII	7.3	8.92	11.42	42.0	41.0	33.7	641-16-142
HORIZON COURT SHEET T-7	N.W. COR.	11	VII	7.1	8.61	11.11	42.0	41.0	33.9	641-16-142
	N.E. COR.	12	VII	7.1	8.63	11.13	42.0	41.0	33.9	641-16-142
	S.E. COR.	13	VII	7.1	8.60	11.10	42.0	41.0	33.9	641-16-142
	S.W. COR.	14	VII	7.1	8.94	11.44	42.0	41.0	33.9	641-16-142

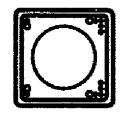
CATENARY = 3/8" (HIGH STRENGTH), MESSENGER = 1/4" (EXTRA HIGH STRENGTH) (SEE NOTE 5)



LEE County D.O.T.
Traffic Signal Section

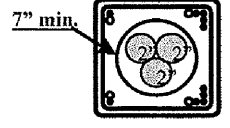
Typical Prestressed Concrete
Traffic Signal Pole

Section 1

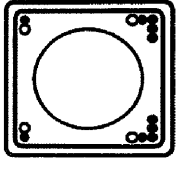


Section 2

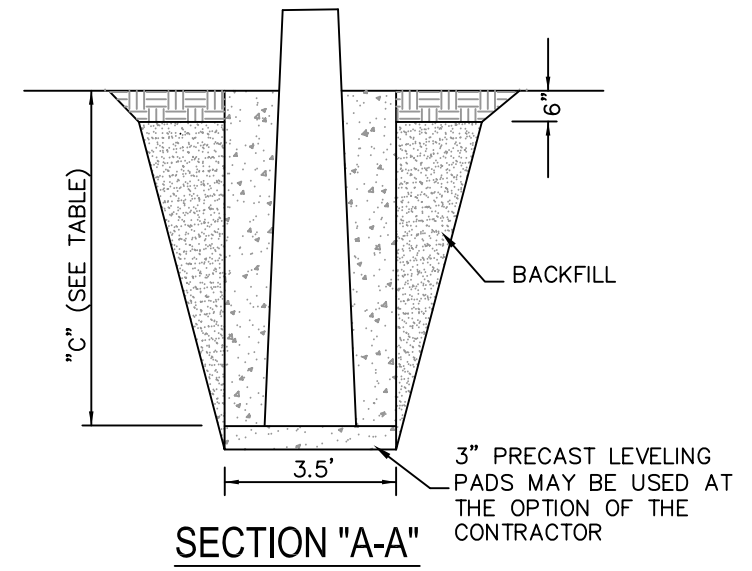
Void in all poles shall be large enough (min. 7") to accommodate 3-2" flex pipes extended from 1" below handhole through entry hole out to pull box.



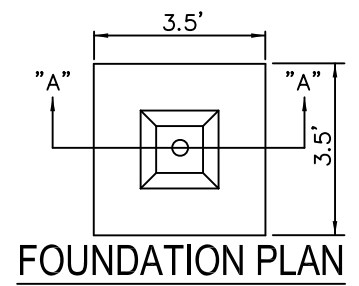
Section 3



PRESTRESSED CONCRETE STRAIN POLE (TYPE N-VII)



SECTION "A-A"

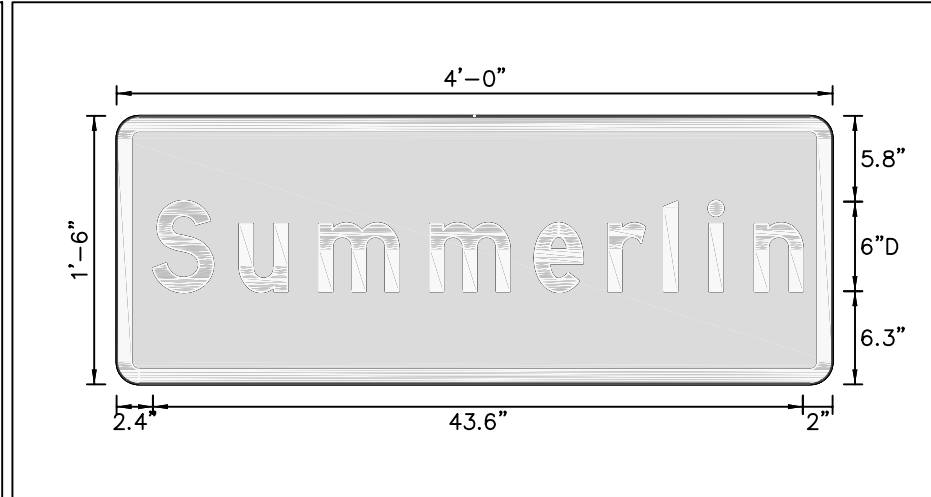


FOUNDATION PLAN

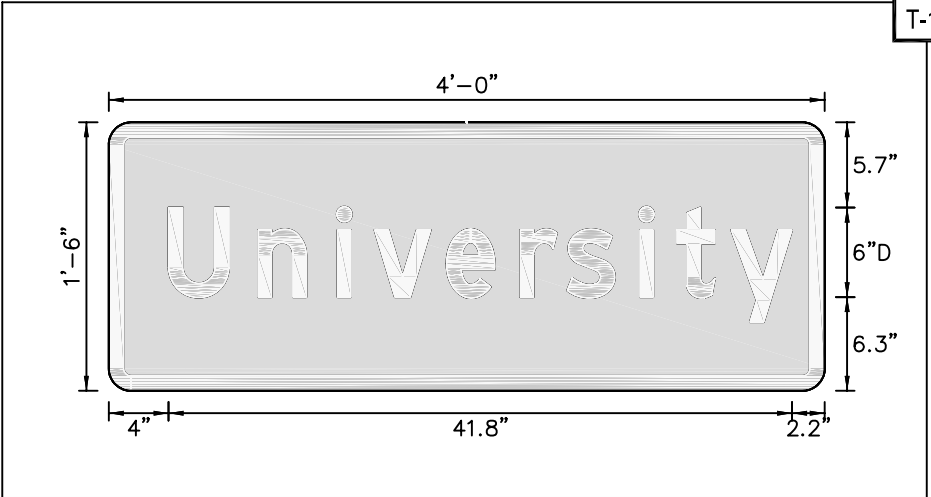
NOTES:

1. THE CONTRACTOR SHALL VERIFY POLE BASE AND CROWN ELEVATION PRIOR TO ORDERING STRAIN POLES.
2. INSTALLATION REQUIREMENTS FOR CONCRETE STRAIN POLES SHALL BE IN ACCORDANCE WITH SECTION 641 OF THE F.D.O.T. SUPPLEMENTAL SPECIFICATIONS TO THE 2007 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DESIGN STANDARDS JANUARY 2006.
3. UNLESS OTHERWISE SHOWN IN THE PLANS, PEDESTALS FOR PEDESTRIAN SIGNALS SHALL BE PELCO WITH FRANGIBLE TRANSFORMER BASE.
4. UPON INSTALLATION OF SIGNAL POLES, IF SURROUNDING SOIL HAS POTENTIAL FOR CAVE IN AROUND POLE, CONTRACTOR SHALL USE CORRUGATED PIPE OR SLEEVE THE LENGTH OF THE DRILLED HOLE.
5. AT THE REQUEST OF THE LEE COUNTY DEPARTMENT OF TRANSPORTATION 3/8" HIGH STRENGTH CLASS A STEEL STRAND CABLE IS BEING SPECIFIED FOR CATENARY AND 1/4" EXTRA HIGH STRENGTH FOR MESSENGER.

SIGN NUMBER S-1
 QUANTITY 7
 WIDTH 4'-0"
 HEIGHT 1'-6"
 BORDER WIDTH 1"
 BORDER RADII 1.5"
 BACKGROUND COLOR Green
 LEGEND & BORDER COLOR White
 STATION(S) none



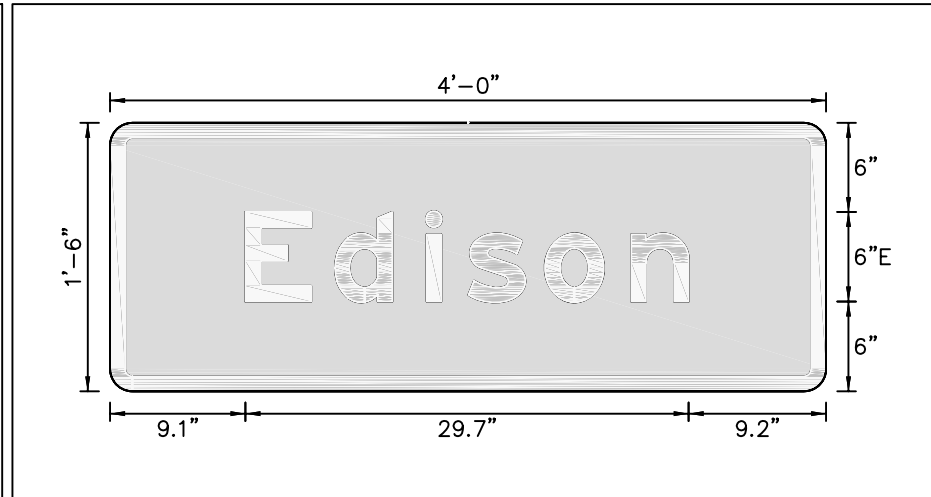
SIGN NUMBER S-2
 QUANTITY 2
 WIDTH 4'-0"
 HEIGHT 1'-6"
 BORDER WIDTH 1"
 BORDER RADII 1.5"
 BACKGROUND COLOR Green
 LEGEND & BORDER COLOR White
 STATION(S) none



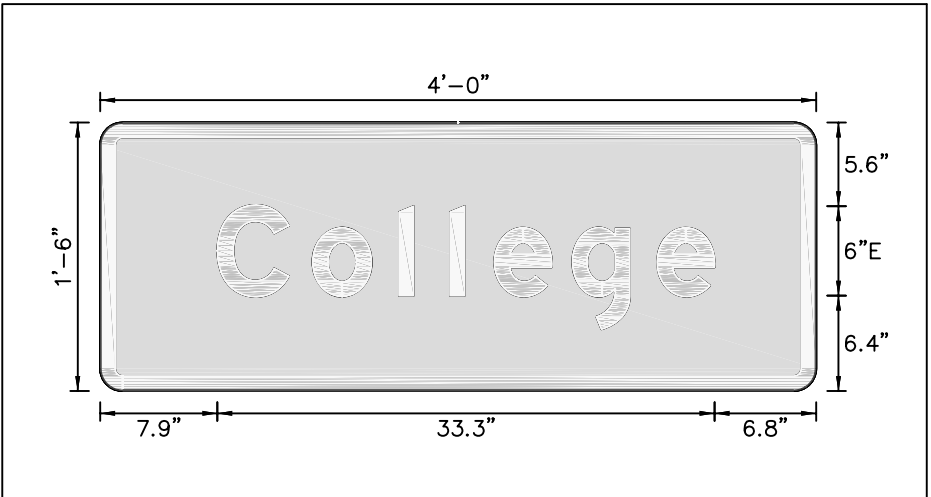
COPY	S	u	m	m	e	r	l	i	n	L											
SPACE	2.4	8.3	13.6	21	28	33	36.7	39.7	42.8	43.6											
COPY																					
SPACE																					
COPY																					
SPACE																					
COPY																					
SPACE																					

COPY	U	n	i	v	e	r	s	i	t	y	L											
SPACE	4	10	15.3	17.8	22.7	27.6	30.7	35.6	38.1	41.7	41.8											
COPY																						
SPACE																						
COPY																						
SPACE																						
COPY																						
SPACE																						

SIGN NUMBER S-3
 QUANTITY 2
 WIDTH 4'-0"
 HEIGHT 1'-6"
 BORDER WIDTH 1"
 BORDER RADII 1.5"
 BACKGROUND COLOR Green
 LEGEND & BORDER COLOR White
 STATION(S) none



SIGN NUMBER S-4
 QUANTITY 2
 WIDTH 4'-0"
 HEIGHT 1'-6"
 BORDER WIDTH 1"
 BORDER RADII 1.5"
 BACKGROUND COLOR Green
 LEGEND & BORDER COLOR White
 STATION(S) none



COPY	E	d	i	s	o	n	L														
SPACE	9.1	15.1	21.2	24	29.2	35	29.7														
COPY																					
SPACE																					
COPY																					
SPACE																					
COPY																					
SPACE																					

COPY	C	o	l	l	e	g	e	L													
SPACE	7.9	14.2	20	23.5	26.4	31.7	37.4	33.3													
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LEE COUNTY DEPARTMENT OF TRANSPORTATION

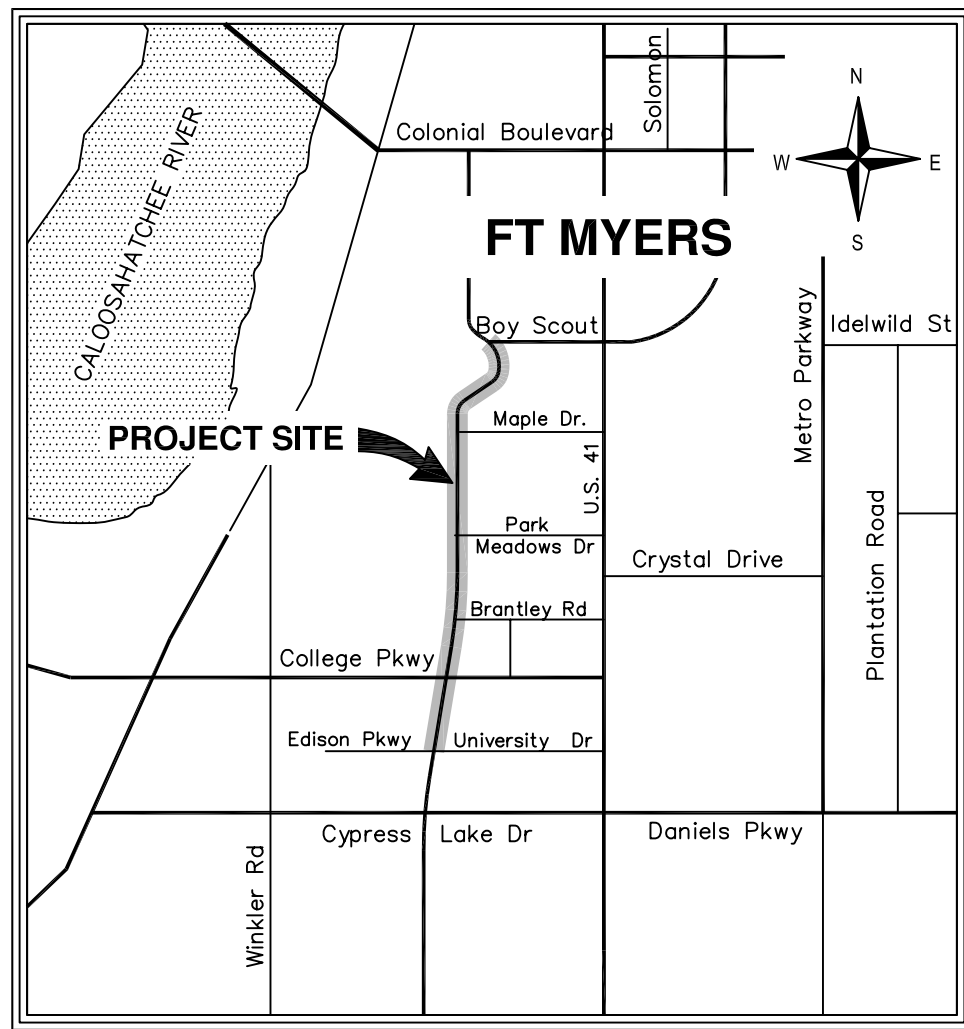
PLANS FOR

LIGHTING

OF

SUMMERLIN ROAD

CYPRESS LAKE DRIVE TO BOY SCOUT DRIVE



ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION, THIS SHOULD BE CONSIDERED WHEN OBTAINING SCALED DATA.
 GOVERNING SPECIFICATIONS: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2004 AND ROADWAY AND TRAFFIC DESIGN STANDARDS DATED JANUARY, 2002. ALSO LEE COUNTY DEPARTMENT OF TRANSPORTATION PLANS SPECIFICATION JANUARY, 2004.

INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	TABULATION OF QUANTITIES
L-3 thru L-5	POLE DATA
L-6	GENERAL NOTES & LEGEND
L-7	ELECTRICAL DETAILS
L-8	RISER DIAGRAMS
L-9	POLE DETAILS
L-10	PROJECT LAYOUT
L-11 thru L-18	PLAN

ITEM NO.	DESCRIPTION	UNIT	L-11	L-12	L-13	L-14	L-15	L-16	L-17	L-18	TOTAL
555-1-1	DIRECTIONAL BORE (LESS THAT 6")	LF	360	270	960	80	83	116	161	241	2271
641-41-112	SERVICE POLE (N-II) (F&I)	EA			3		1			1	5
715-1-11	CONDUCTOR (#12 AWG XLP-USE)	LF			3375						3375
715-1-11	CONDUCTOR (#10 AWG XLP-USE)	LF			11338	1160	1862	1457	2815	2325	20957
715-1-12	CONDUCTOR (#8 AWG XLP-USE)	LF			3900		3724				7624
715-1-12	CONDUCTOR (#6 AWG XLP-USE)	LF	4829	5234	21327	3464		2914	5630	4650	48048
715-1-13	CONDUCTOR (#4 AWG XLP-USE)	LF			3160	2288					5448
715-1-13	CONDUCTOR (#3 AWG XLP-USE)	LF	2930	3476	1112						7518
715-1-13	CONDUCTOR (#2 AWG XLP-USE)	LF	3364	3496	830						7690
715-2-11	CONDUIT (F&I) (UNDERGROUND) (2" SCH 40 PVC)	LF	2787	3216	2962	2224	1779	1341	2654	2084	19047
715-2-11	CONDUIT (F&I) (SURFACE MOUNT)	LF			575						575
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA			3		1			1	5
715-10-1	LIGHT POLE FOUNDATION (F&I)	EA							8	7	15
715-14-11	PULL BOX (ROADSIDE)	EA	6	5	9	2	2	2	4	2	32
715-14-12	PULL BOX (SIDEWALK)	EA		1	3						4
715-11-111	LUMINAIRE (F&I) (COBRA HEAD)	EA							8	7	15
715-11-126	LUMINAIRE (F&I) (PENDANT HUNG GE MINIMITE)	EA			4						4
715-11-119	LUMINAIRE (F&I) (SPECIAL) (ALLSCAPE 100W HPS)	EA		78	259						337
715-511-130	LIGHTING POLE COMPLETE (F&I) (SNGL. ARM SHLDR. MNT.) (MONGOOSE) (30' MH)	EA	18	21	23	14	12	6	6		100
715-4-400	LIGHTING POLE AND ARM ONLY (RELOCATED)	EA							8	7	15
715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA			1	7	10	7	7	4	36

NOTE:

- ITEM 715-4-400 SHALL BE USED FOR THE RELOCATION OF THE LIGHT POLE AND ARM ONLY. THIS ITEM SHALL BE USED WITH 715-10-1 AND 715-11-111 FOR A FULL ASSEMBLY.
- ITEM 715-550-000 INCLUDES THE REMOVAL, DISASSEMBLY, DELIVRY AND UNLOADING TO A SITE SPECIFIED BY LEE COUNTY. CONTACT MIKE SAY LCDOT (239) 533-9514
- ITEM 715-11-119 (BARRIER WALL LIGHTS) SHALL BE ALLSCAPE SP31-100HPS-E-17-240-BK (LT or RT) (SEE POLE DATA SHEET) 100 WATT HIGH PRESSURE SODIUM

POLE DATA

	CKT	STATION & OFFSET	ARM	LUM	MH	NOTES
P-1	A-1	198+33 63'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-2	A-5	198+33 61'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-3	A-1	200+24 63'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-4	A-5	200+24 67'Rt.	15'	250	30'	2' BEHIND SIDEWALK
P-5	A-1	202+15 63'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-6	A-5	202+15 72'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-7	A-1	204+06 63'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-8	A-5	204+30 62'Rt.	15'	250	30'	2' BEHIND SIDEWALK
P-9	A-1	205+98 63'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-10	A-5	205+98 61'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-11	A-1	207+80 61'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-12	A-5	207+80 72'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-13	A-1	209+62 60'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-14	A-5	209+62 72'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-15	A-1	211+46 70'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-16	A-5	211+46 60'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-17	A-1	213+31 69'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-18	A-5	213+27 58'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-19	A-1	215+16 58'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-20	A-5	215+16 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-21	A-1	217+05 58'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-22	A-5	217+05 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-23	A-1	218+94 58'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-24	A-5	218+94 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-25	A-1	220+83 59'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-26	A-5	220+83 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-27	A-1	222+60 60'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-28	A-5	222+60 60'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-29	A-1	224+48 69'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-30	A-5	224+48 72'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-31	A-1	226+18 70'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-32	A-5	226+97 91'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-33	A-1	227+66 77'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-35	A-3	228+84 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-36	A-1	229+29 50'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-37	A-5	229+29 54'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-38	A-3	230+53 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-39	A-1	231+78 52'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-40	A-5	231+78 55'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-41	A-3	232+22 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-42	A-1	232+29 52'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-43	A-5	232+29 45'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-44	A-1	233+69 52'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-45	A-5	233+69 42'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-46	A-3	233+91 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-47	A-1	235+08 52'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-48	A-5	235+08 42'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-49	A-3	235+60 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-50	A-1	236+26 120'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-51	A-4	236+52 104'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-52	A-3	237+29 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-53	A-2	238+08 114'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-54	A-4	238+23 98'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-55	A-3	238+98 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-56	A-2	239+26 42'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-57	A-4	239+83 42'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-58	A-2	240+67 42'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-59	A-3	240+67 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-60	A-4	241+50 42'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-61	A-2	242+05 47'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-62	A-3	242+36 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED

POLE DATA

POLE NO.	CKT	STATION & OFFSET	ARM	LUM	MH	NOTES
P-63	A-4	243+18 42'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-64	A-2	243+59 48'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-65	A-3	244+05 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-66	A-2	245+14 44'Lt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-67	A-4	245+26 42'Rt.	15'	250	30'	IN MEDIAN 9' FROM EOP
P-68	A-3	245+75 00	8'/8'	250/250	30'	FUTURE BARRIER WALL MOUNTED
P-69	A-2	246+80 75'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-70	A-4	246+80 91'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-71	A-2	248+53 66'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-72	A-4	248+53 86'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-73	A-2	249+04 61'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-74	A-4	249+04 84'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-75	A-2	252+53 58'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-76	A-4	252+53 87'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-77	A-2	253+17 55'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-78	A-4	253+17 69'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-79	A-2	254+83 54'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-80	A-4	254+83 68'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-81	A-2	256+46 54'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-82	A-4	256+46 63'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-83	A-2	258+11 56'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-84	A-4	258+11 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-85	A-2	259+79 62'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-86	A-4	259+79 55'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-87	A-2	261+48 62'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-88	A-4	261+48 55'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-89	B-1	209+55 62'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-90	B-1	209+55 55'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-91	B-1	271+44 61'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-92	B-1	271+44 66'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-93	B-1	273+33 61'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-94	B-1	273+33 66'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-95	B-1	275+22 61'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-96	B-1	275+22 55'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-97	B-1	277+11 62'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-98	B-1	277+11 55'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-99	B-1	279+00 62'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-100	B-1	279+00 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-101	C-2	297+85 60'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-102	C-1	297+85 56'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-103	C-2	300+19 60'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-104	C-1	300+19 66'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-105	C-2	302+60 60'Lt.	15'	250	30'	1' BEHIND SIDEWALK
P-106	C-1	302+60 55'Rt.	15'	250	30'	1' BEHIND SIDEWALK
P-107	C-2	305+00 59'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-108	C-1	305+00 55'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-109	C-2	307+27 57'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-110	C-1	307+27 54'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-111	C-2	310+18 56'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-112	C-1	310+18 53'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-113	C-2	313+14 56'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-114	C-1	313+14 53'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-115	C-2	316+10 55'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-116	C-1	316+10 64'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-117	C-2	322+16 55'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-118	C-1	322+16 54'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-119	C-2	325+03 57'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-120	C-1	325+03 69'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-121	C-2	329+14 63'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-122	C-1	327+88 60'Rt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK
P-123	C-2	331+98 68'Lt.	15'	400	45'	RELOCATE POLE 1' BEHIND SIDEWALK

GENERAL NOTES

- PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE RESIDENT CONSTRUCTION ENGINEER IN CHARGE OF THE PROJECT, FINAL FOUNDATION DESIGN & CALCULATIONS, EQUIPMENT SPECIFICATIONS, DESIGN DATA OR SHOP DRAWING SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA FOR ALL MATERIAL PROPOSED FOR USE ON THIS PROJECT AND MUST INCLUDE (BUT NOT LIMITED TO) SPECIFICALLY:
 - LUMINAIRE PHOTOMETRICS
 - POLE STRENGTH CALCULATIONS
 - POLE FRANGIBILITY TEST RESULTS
 - BOLT SPECIFICATION AND BOLT CIRCLE DIAMETER
 - FOUNDATION DETAIL AND CALCULATIONS
- FOUNDATION DESIGN SHALL CONFORM AND BE INSTALLED IN ACCORDANCE WITH LCDOT STANDARD STANDARD SPECIFICATIONS OR AS REQUIRED BY DESIGN CALCULATIONS.
- POLE AND FOUNDATION DESIGN SHALL CONFORM WITH LCDOT DESIGN SPECIFICATIONS.
- LOCATION OF UTILITIES HAVE NOT BEEN FIELD VERIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD LOCATING UTILITIES (INCLUDING BUT NOT LIMITED TO WATER, SANITARY SEWER, STORM SEWER, ELECTRIC, TELEPHONE AND CABLE) PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY LEE COUNTY IN WRITING OF ANY CONFLICT PRIOR TO COMMENCING WITH ANY CONSTRUCTION WITHIN THE CORRIDOR/ROADWAY WHERE CONFLICTS WERE FOUND.
- POLE SETBACKS SHALL BE MEASURED FROM THE EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.

STREET LIGHTING NOTES AND SPECIFICATIONS

- THE LOCATION OF EACH POWER SERVICE POINT MAY BE ADJUSTED 50' EAST OR WEST FROM THE POINT SHOWN FOR COINCIDENCE WITH CLOSEST FPL POWER POLE OR OTHER IN-FIELD PRACTICAL CONSIDERATIONS.
- STREET LIGHTING WIRING SHALL RUN AS SHOWN INSOFAR AS PRACTICAL. FIELD COORDINATE ALL ROUTINGS WITH LANDSCAPE DETAILS AND IRREGULARITIES, AND WITH FPL POWER LINES, SPRINT AND CABLE VISION TRUNKS, WATER AND SEWER LINES, STREET PAVEMENTS AND SIDEWALKS. CONTRACTOR TO SUBMIT AS-BUILT DRAWINGS OF ANY BURIED CONDUIT DEVIATING FROM THE PLANS.
- CONDUCTORS FOR STREET LIGHTING CIRCUITS SHALL ALL BE COPPER, STRANDED, AND WITH XLP-USE INSULATION.
- EACH LUMINAIRE SHALL BE GROUNDED TO AN INDIVIDUAL 5/8" X 10' DRIVEN GROUND ROD, AND ALSO TO THE EQUIPMENT GROUNDING CONDUCTOR. GROUND RODS SHALL BE DRIVEN UNDER THE PULL BOXES.
- SPLICE BOXES SHALL BE INSTALLED WITH THE TOPS FLUSH WITH THE GROUND. SPLICE BOXES SHALL BE POLYMER CONCRETE AND REINFORCED FIBERGLASS WITH LOCKING COVER AND LOGO "STREET LIGHTING" ON TOP.
- FUSE HOLDER SHALL BE WATERPROOF IN-LINE FOR COPPER WIRE, BUSS TYPE HEB SERIES. FUSES SHALL BE 500V , FNQ3.
- A SURGE ARRESTOR SHALL BE LOCATED AT AND BE READILY ACCESSIBLE IN EACH STREET LIGHTING POLE. SURGE ARRESTOR SHALL PROTECT BOTH THE GROUNDED AND UNGROUNDED CURRENT CARRYING CONDUCTORS. SURGE ARRESTOR SHALL BE EDCO #SHA-4803 OR EQUAL.
- SPLICES IN COPPER CONDUCTORS SHALL USE USPA INLINE SPLICE KIT. NO SPLICES SHALL AND CONNECTIONS IN PULL BOX.
- STREET LIGHTS SHALL BE CONTROLLED BY A MASTER HEAVY DUTY PHOTOELECTRIC CELL INSTALLED AT THE POWER SOURCE, AS SPECIFIED IN THE RISER DIAGRAM LEGEND.
- POWER SOURCES FOR THIS PROJECT DO NOT CONTAIN METERS, AS ENERGY FOR THESE STREET LIGHTS IS TO BE SUPPLIED BY FPL ON A FLAT-RATE BASIS.
- POLES SHALL BE INSTALLED IN ACCORDANCE WITH POLE MANUFACTURER'S RECOMMENDATIONS. SHOP DRAWINGS SHALL BE SUBMITTED PRIOR TO POLE ERECTION. CONTRACTOR OR POLE VENDOR SHALL FURNISH CERTIFICATION STATING THAT POLES WITH FIXTURES SELECTED, AND IF ERECTED AS SPECIFIED WILL SATISFY LEE COUNTY CRITERION TO WITHSTAND WINDS OF 100 M.P.H. WITH 1.3 GUST FACTOR.
- CONTRACTOR TO VERIFY LOCATION OF ALL SLEEVES AND CONDUITS CROSSING ROADS AND DRIVEWAYS PRIOR TO CONSTRUCTION.
- ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE 2005 EDITION OF THE NATIONAL ELECTRICAL CODE, LEE COUNTY PLAN SPECIFICATIONS AND APPLICABLE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- ALL LIGHT POLES SHALL BE MOUNTED WITH FRANGIBLE COUPLINGS.

UTILITIES

LEE COUNTY D.O.T. TRAFFIC SECTION MIKE SAY 5650 ENTERPRISE PARKWAY FORT MYERS, FL 33905 (239) 694-7600	FLORIDA POWER AND LIGHT SCOTT OVERBAUGH 15834 WINKLER ROAD FT MYERS 33908 (239) 415-1345	EMBARQ RON POPP 2820 CARGO STREET FORT MYERS, FL. 33916 (239) 336-2162
LEE COUNTY UTILITIES ENGINEERING DEPARTMENT VIOLET MOLNAR 1500 MONROE STREET, 3RD FLOOR FORT MYERS, FL 33901 (239) 479-8181	MIKE PIGOTT 26880 OLD U.S. 41 BONITA SPRINGS, FL 34134 (239) 793-9600	
COMCAST MARK COOK 26102 BONITA GRANDE DRIVE BONITA SPRINGS, FL. 34135 (239) 732-3805	TECO PEOPLES GAS JEREMIAH JOHNSON 5901 ENTERPRISE LANE FORT MYERS, FL. 33905 (239) 690-5513	

LIGHTING DESIGN CRITERIA

AVERAGE ILLUMINANCE - 1.5 F.C.
UNIFORMITY RATIO: AVG. / MIN. - 4:1 OR LESS
MAX. / MIN. - 10:1 OR LESS

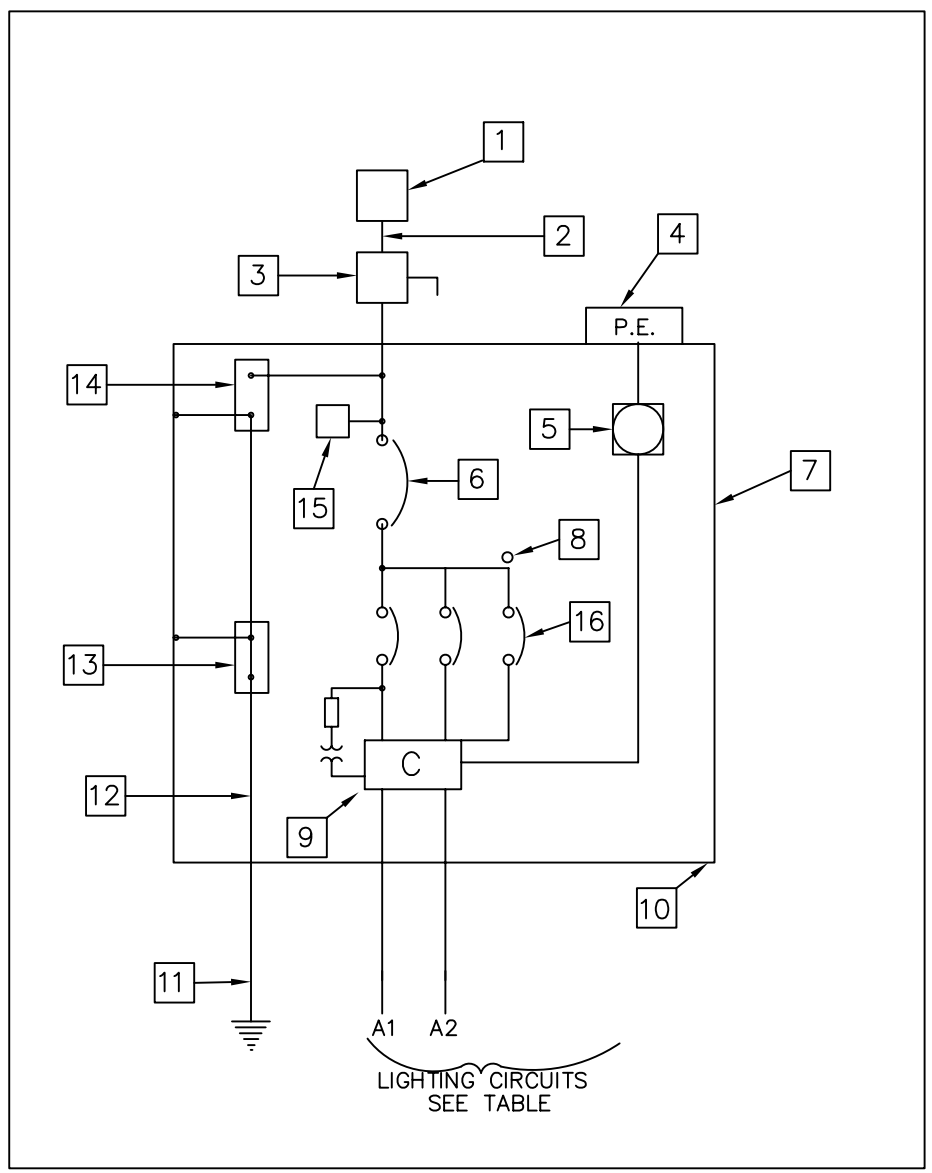
LEGEND

	EXISTING ROUND, TAPERED, ALUMINUM ROADWAY LIGHTING POLE 45' MOUNTING HEIGHT, WITH 400 WATT HIGH PRESSURE SODIUM LUMINAIRE ON 15' BRACKET ARM TO REMAIN IN PRESENT LOCATION WITH NO MODIFICATIONS.
	EXISTING ROUND, TAPERED, ALUMINUM ROADWAY LIGHTING POLE 45' MOUNTING HEIGHT, WITH 400 WATT HIGH PRESSURE SODIUM LUMINAIRE ON 15' BRACKET ARM TO BE REMOVED AND RELOCATED. DISPOSE OF EXISTING SCREW TYPE FOUNDATION.
	PROPOSED RELOCATION SITE OF EXISTING ROUND, TAPERED, ALUMINUM ROADWAY LIGHTING POLE AND ARM, 45' MOUNTING HEIGHT, INSTALL NEW 400 WATT HIGH PRESSURE SODIUM LUMINAIRE (GE M4RC40S5A1GMC3F OR EQUAL) ON EXISTING 15' BRACKET ARM. INSTALL NEW LIGHT POLE FOUNDATION.
	PROPOSED ROUND, TAPERED, ALUMINUM ROADWAY LIGHTING POLE 30' MOUNTING HEIGHT, WITH 250 WATT MONGOOSE G250HP48LWFG-P LAMP HIGH PRESSURE SODIUM LUMINAIRE ON 15' BRACKET ARM.
	FUTURE ROUND, TAPERED, ALUMINUM ROADWAY LIGHTING POLE 30' MOUNTING HEIGHT, WITH TWO (2) 250 WATT HIGH PRESSURE SODIUM LUMINAIRES ON 8' BRACKET ARMS MOUNTED ON THE BRIDGE BARRIER WALL.
	FOR PULL BOX, SEE INDEX 17503 OF ROADWAY AND TRAFFIC DESIGN STANDARDS DATED, 2006. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT A ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
	2" SCHEDULE 40 PVC CONDUIT WITH XLP-USE CONDUCTORS INSIDE AS SHOWN ON PLAN SHEETS AND IN CONDUIT KEY) GROUNDING CONDUCTOR SHALL HAVE GREEN INSULATION.
	2" SCHEDULE 40 PVC CONDUIT IN DIRECTIONAL BORE AT ROADWAY CROSSINGS WITH XLP-USE CONDUCTORS AS SHOWN ON PLAN SHEETS AND IN CONDUIT KEY. EXTEND CONDUIT BEYOND EDGE OF PROPOSED PAVEMENT TO PULL BOXES. GROUNDING CONDUCTOR SHALL HAVE GREEN INSULATION. PROVIDE ONE ADDITIONAL 2" SPARE PVC CONDUIT ACROSS ROADWAY
	FOR DISTRIBUTION POINT, SEE INDEX 17504 OF ROADWAY AND TRAFFIC DESIGN STANDARDS, 2006.
	PENDANT HUNG UNDERDECK LUMINAIRE, 150 WATT HIGH PRESSURE SODIUM, WITH POLYCARBONATE REFRACTOR, INTEGRAL MAGNETIC REGULATOR BALLAST WIRED FOR 240 VOLTS. LUMINAIRE TO BE MOUNTED FLUSH WITH BOTTOM OF BRIDGE BEAM. (USE G.E. MINIMITE LUMINAIRE, CURVE #35-176052 OR EQUAL).
	BARRIER WALL LIGHTS, ALLSCAPE SP31-100HPS-E-17-240-BK (LT or RT) (SEE POLE DATA SHEET) 100 WATT HIGH PRESSURE SODIUM

SERVICE POINT LEGEND

- 1 SERVICE POINT CONNECTION TO POWER COMPANY RUN LATERAL TO GROUND PULL BOX AT BASE OF POLE. COORDINATE WITH F.P. & L. GET THE FAULT CURRENT FROM F.P. & L FOR EACH SERVICE POINT PRIOR TO BID. ALL OVERCURRENT PROTECTION WILL HAVE AIC RATING GREATER THAN THIS FAULT CURRENT. REFER TO SCHEDULE BELOW FOR VOLTAGE.
- 2 UNDERGROUND SERVICE CONDUCTOR, SEE TABLE BELOW FOR SIZES.
- 3 DISCONNECT SWITCH, LOCKABLE NEMA 3R ENCLOSURE REFER TO SCHEDULE BELOW FOR MIN. RATINGS.
- 4 PHOTOCELL, 120V, 2000W, SPST
- 5 H.O.A. SELECTOR SWITCH
- 6 MAIN CIRCUIT BREAKER (MCB), REFER TO SCHEDULE BELLOW.
- 7 USE SQUARE D NIGHT-MASTER OUTDOOR COMBINATION LIGHTING CONTACTOR LONG VERSION AND LOAD CENTER WITH FUSED BRANCH CIRCUITS, MOUNT TO CONCRETE SERVICE POLE.
- 8 BUS-CU SEE TABLE BELOW FOR SIZE.
- 9 ELECTRICALLY HELD LIGHTING CONTACTOR WITH 480 OR 240 -120V, 1A, FUSE, 200 VA CPT, 60A & 120V COIL CONTACTOR. NUMBER OF POLES TO MATCH NUMBER OF CIRCUITS AT EACH LOAD CENTER.
- 10 CONCRETE POLE
- 11 5/8" DIA. x 20' LONG GROUND ROD
- 12 GROUNDING CONDUCTOR (SIZE PER NEC.)
- 13 CU. GROUND BUS
- 14 NEUTRAL BUS, CU.-SEE TABLE BELOW FOR SIZE- BONDED
- 15 SURGE ARRESTOR, 650V CATEGORY "C"
- 16 NUMBER OF CIRCUIT BREAKERS MATCHES NUMBER OF CIRCUITS IN TABLE BELOW.

SERVICE POINT 'A', 'B', 'C', 'D' & 'E' DIAGRAM



LOAD CALCS.

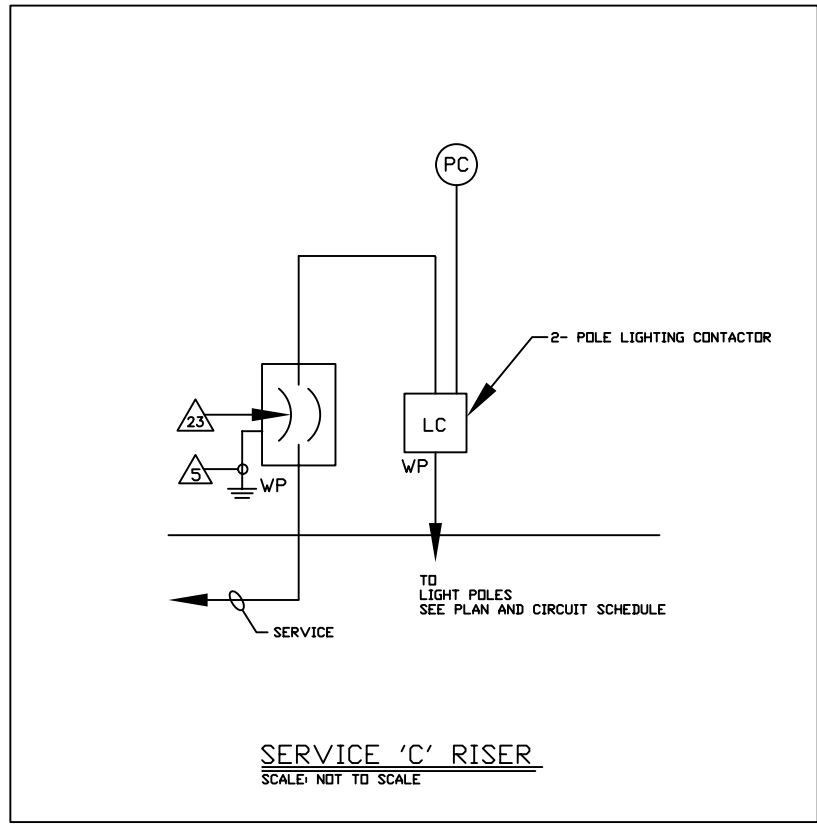
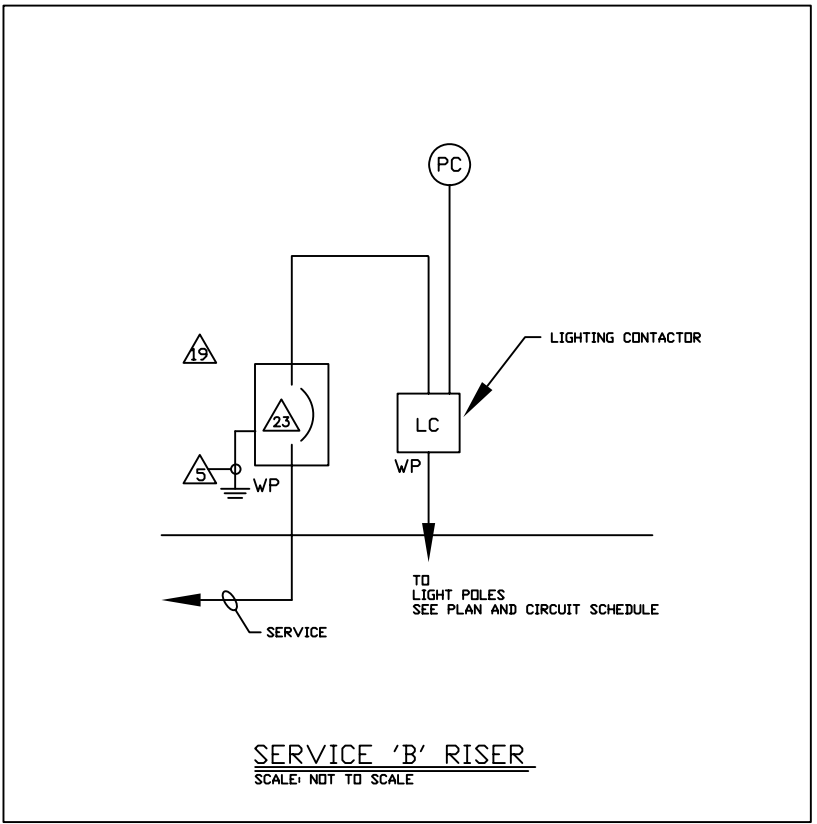
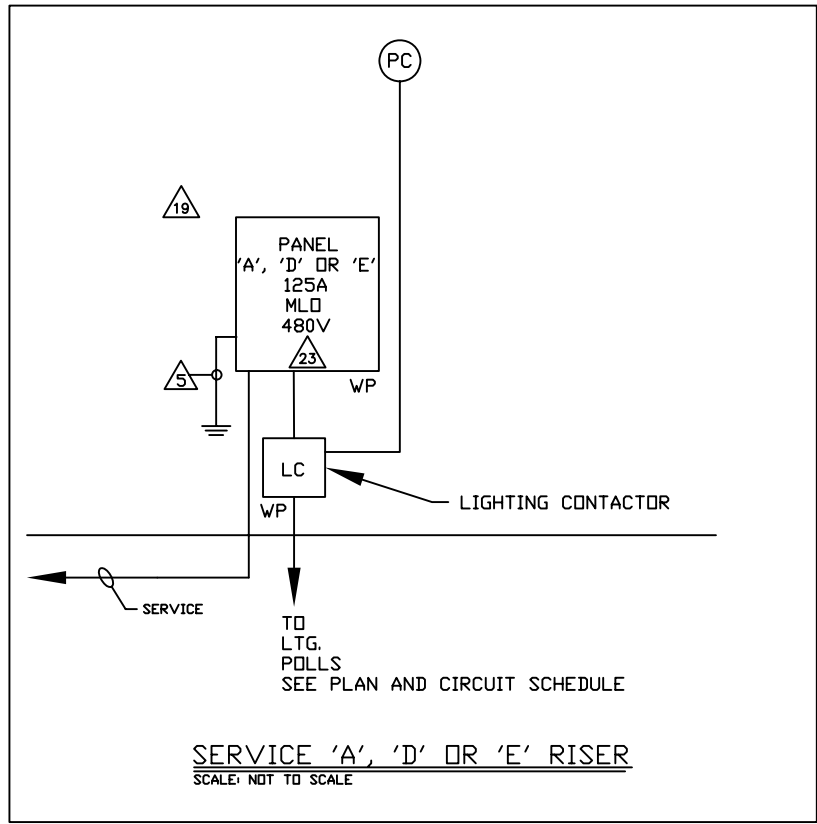
PANEL 'A'		
LIGHTING	@ 125%	47.3
Ⓞ 480V 1PH SERVICE		200A
PANEL 'B'		
LIGHTING	@ 125%	7.2
Ⓞ 480V 1PH SERVICE		60A
PANEL 'C'		
LIGHTING	@ 125%	9.6
Ⓞ 480V 1PH SERVICE		60A
PANEL 'D'		
LIGHTING	@ 125%	27.6
Ⓞ 240V 1PH SERVICE		200A
PANEL 'E'		
LIGHTING	@ 125%	29.0
Ⓞ 240V 1PH SERVICE		200A

CONDUIT KEY

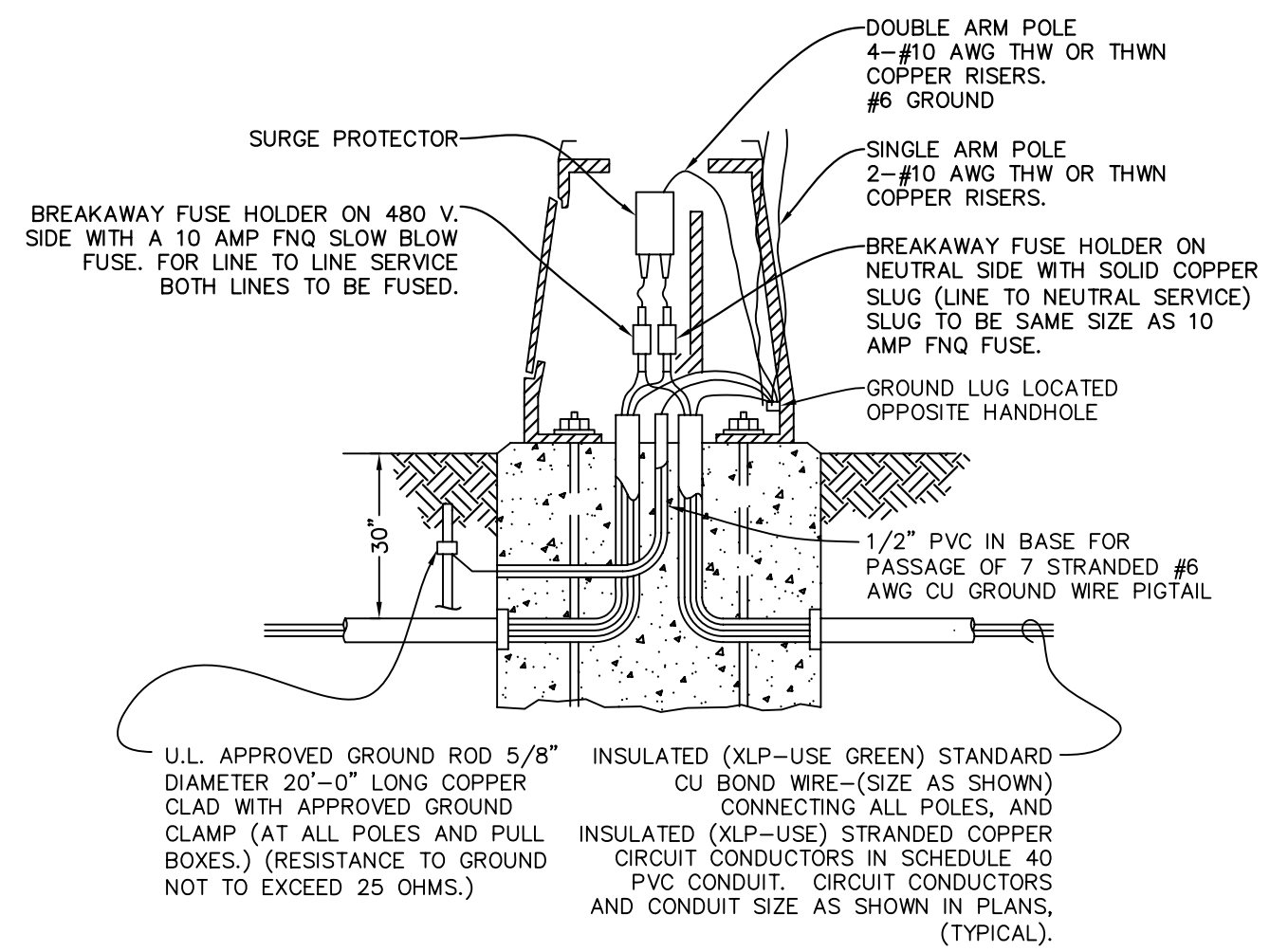
- ① (2) #8 AND (1) #10 (GROUND) XLP-USE CU
- ② (2) #3 AND (1) #6 (GROUND) XLP-USE CU
- ③ (2) #3 AND (1) #8 (GROUND) + (2) #6 AND (1) #10 (GROUND) XLP-USE CU
- ④ (2) #6 AND (1) #10 (GROUND) XLP-USE CU
- ⑤ (2) #4 AND (1) #6 (GROUND) XLP-USE CU
- ⑥ (2) #8 AND (1) #10 (GROUND) XLP-USE CU
- ⑦ (2) #12 AND (1) #12 (GROUND) XLP-USE CU
- ⑧ (2) #3, (2) #4 AND (2) #8 (GROUNDS) XLP-USE CU
- ⑨ (2) #2, AND (2) #6 (GROUND) XLP-USE CU
- ⑩ (2) #2, (2) #6 AND (1) #6, (1) #10 (GROUND) XLP-USE CU

CIRCUIT SCHEDULE

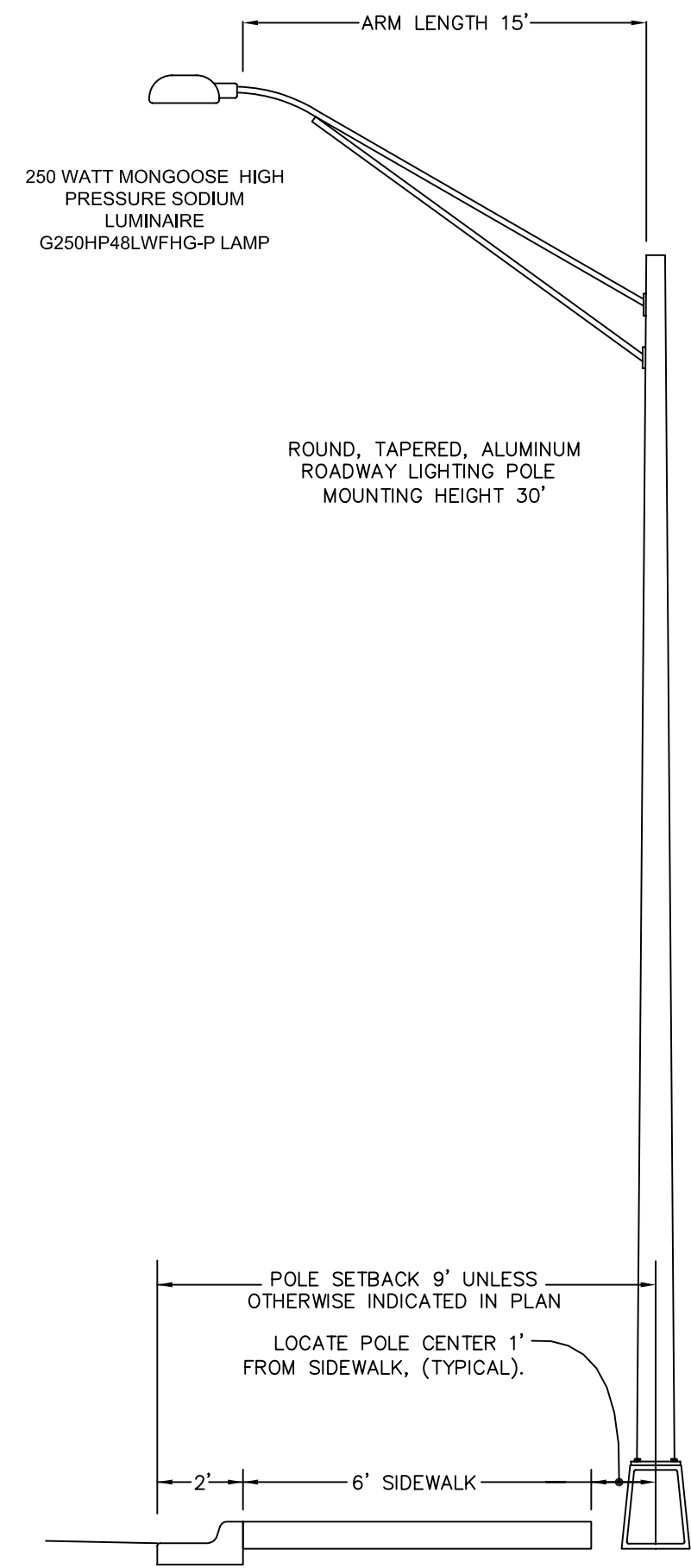
LOAD CENTER	TOTAL CONNECTED (AMPS)	CONTACTOR RATING (AMPS)	KVA	MAX FAULT CURRENT'	VOLTAGE	DISC., MCB + BUSS (AMPS)	SERVICE CONDUCTOR (THWN CU.)	BRANCH CIRCUITS									
								No. 1		No. 2		No. 3		No. 4		No. 5	
								AMPS	BKR.	AMPS	BKR.	AMPS	BKR.	AMPS	BKR.	AMPS	BKR.
A	79	200	47.3	1	480	200	2"C. WITH (2)#3/0 CU.	15	30/1	14	20/1	8	20/1	11	20/1	15	30/1
B	12	60	7.2	1	480	60	2"C. WITH (2)#6 CU.	12	30/1								
C	16	60	9.6	1	480	60	2"C. WITH (2)#6 CU.	8	20/1	8	20/1						
D	92	200	27.6	1	240/120	200	2"C. WITH (3)#6 CU.	21	50/2	25	50/2	21	40/2	25	50/2		
E	99	200	29.0	1	240/120	200	2"C. WITH (3)#6 CU.	21	40/2	25	50/2	21	50/2	25	50/2	4	15/2



- | APPLICABLE | SPECIFIC NOTES |
|------------|---|
| 1 | INSTALL SURGE SUPPRESSION ON ANY WIRES LEAVING THE BUILDING. |
| 5 | PROVIDE A SERVICE GROUND ACCORDING TO N.E.C. ART. 250, PART "H" MINIMUM INSTALLATION TO INCLUDE: BUILDING FOOTER/FOUNDATION REINFORCING STEEL (20' OF #4 CU MIN. SIZE), TURNED UP OR OTHERWISE EXPOSED AT THE SERVICE WITH EXOTHERMIC WELD BONDING A GROUNDING CONDUCTOR SIZED PER TABLE 250-94 TO THE STEEL AND A DRIVEN ROD GROUND (MIN. 5/8" X 8' DEEP) WITH COPPER GROUNDING CONDUCTOR. IF AVAILABLE ON PREMISES, ALSO BOND: METAL COLD WATER PIPING, METAL BUILDING FRAME, AND GROUND RING WITH JUMPERS SIZED FROM 250-94. |
| 19 | COORDINATE WITH UTILITY, ARCHITECT, OWNER & G.C. PRIOR TO BID. |
| 23 | INSTALL SURGE SUPPRESSOR AS CLOSE AS POSSIBLE TO MAIN GROUND. LEVITON #5350-PT8 ENCLOSURE. TELEPHONE TERMINAL BOARD, 2' X 2' X 3/4" PLYWOOD PAINTED BLACK. 2"C. TO SERVICE POINT. 3/4"C. WITH #6 CU TO MAIN GROUND. |
| 25 | INSTALL SURGE SUPPRESSOR AS CLOSE AS POSSIBLE TO MAIN GROUND. LEVITON #32000 SERIES, IN NEMA 3R ENCLOSURE. |



METAL POLE WIRING DETAIL





DATE	BY	REVISIONS

DESIGNED BY	J.J.J.	APPROVED BY:	JEFFREY J. JEWITT P.E.
DRAWN BY	W.L.F.		
CHECKED BY	J.J.J.		P.E. 47562

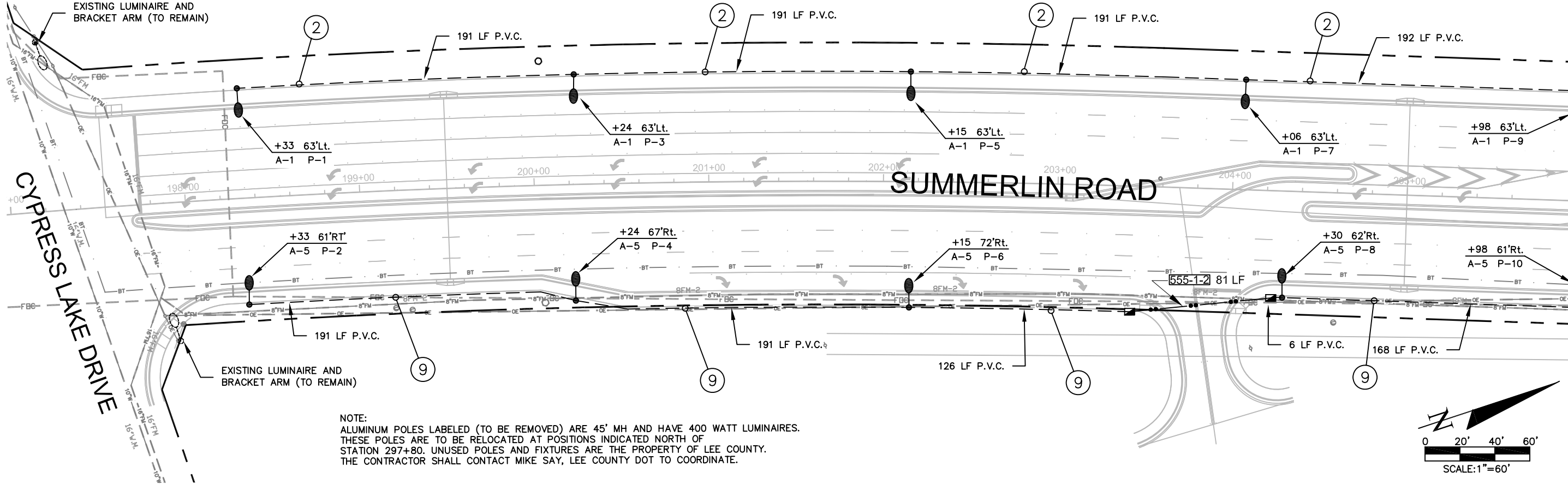
FINAL SUBMITTAL
SEPTEMBER 4, 2007

JEWITT ENGINEERING, INC.
Celebrating 12 years in Service
CA #9936
623 BAYSIDE DRIVE FORT MYERS, FLORIDA 33919 (239) 432-1550 (FAX) 432-1555

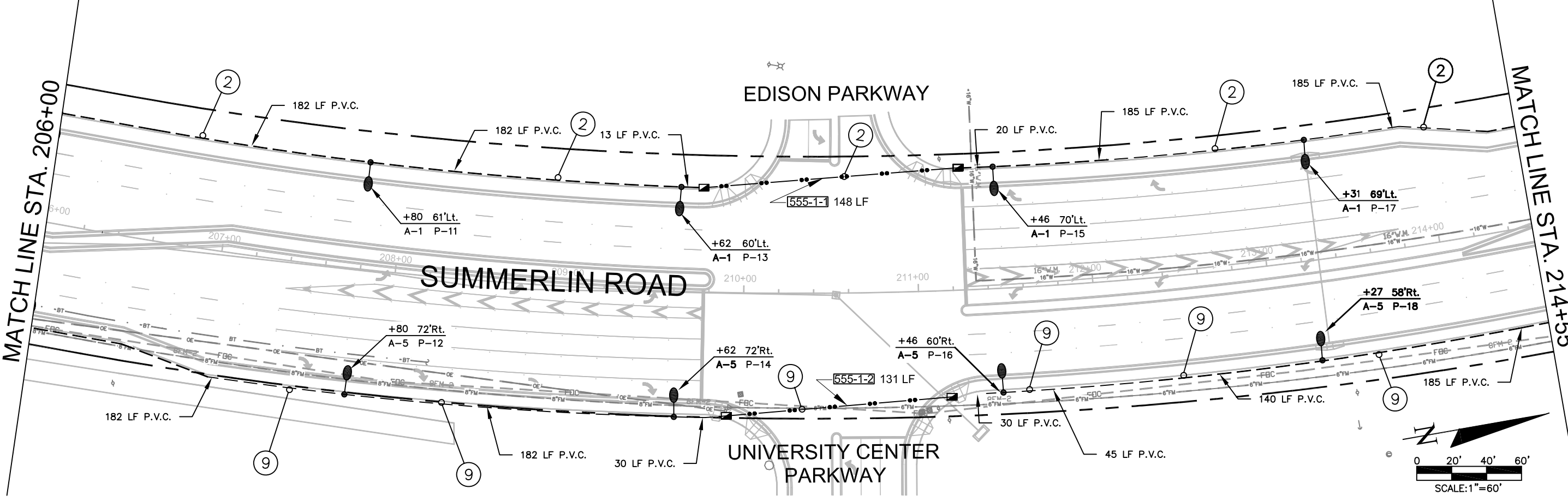
TRANSPORTATION CONSULTANTS, INC.

13881 PLANTATION ROAD, SUITE 11
FORT MYERS, FLORIDA 33912-4339
(239) 278-3090
CERTIFICATE OF AUTHORIZATION: #27003

SUMMERLIN ROAD LIGHTING PLAN
PROJECT LAYOUT



NOTE:
 ALUMINUM POLES LABELED (TO BE REMOVED) ARE 45' MH AND HAVE 400 WATT LUMINAIRES. THESE POLES ARE TO BE RELOCATED AT POSITIONS INDICATED NORTH OF STATION 297+80. UNUSED POLES AND FIXTURES ARE THE PROPERTY OF LEE COUNTY. THE CONTRACTOR SHALL CONTACT MIKE SAY, LEE COUNTY DOT TO COORDINATE.



JOB NO. F0002.15	DATE	BY	REVISIONS

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DRAWN BY	W.L.F.		
CHECKED BY	J.J.J.		P.E. 47562

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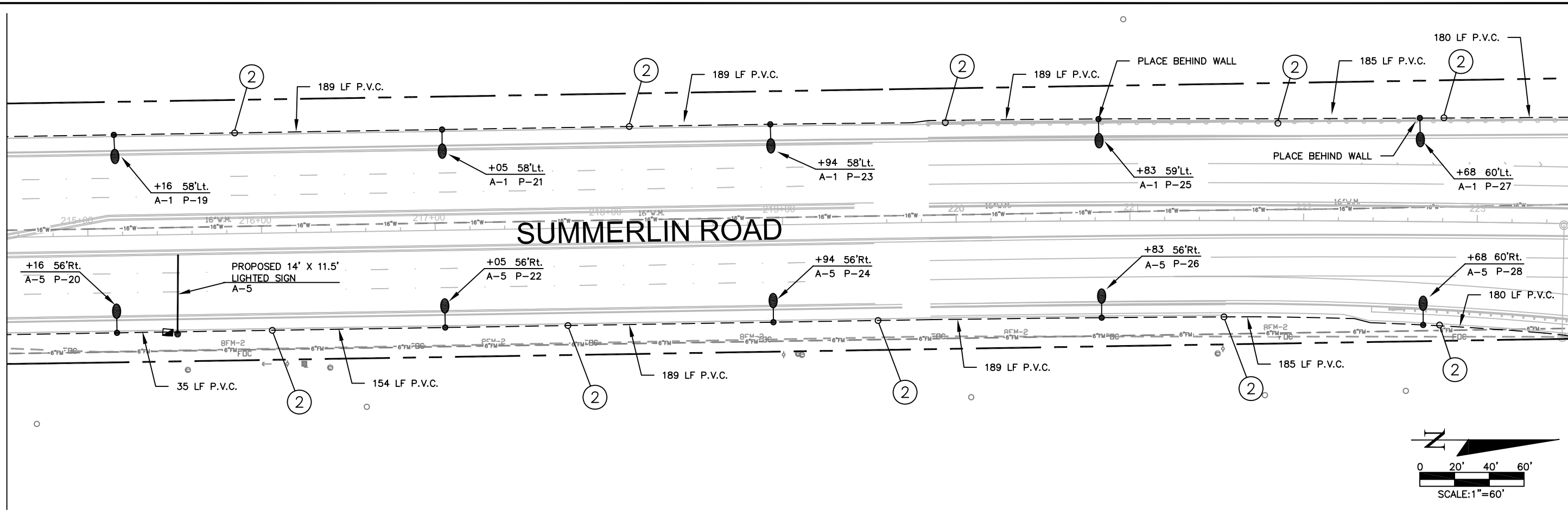
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SUMMERLIN ROAD LIGHTING PLAN
 PLAN

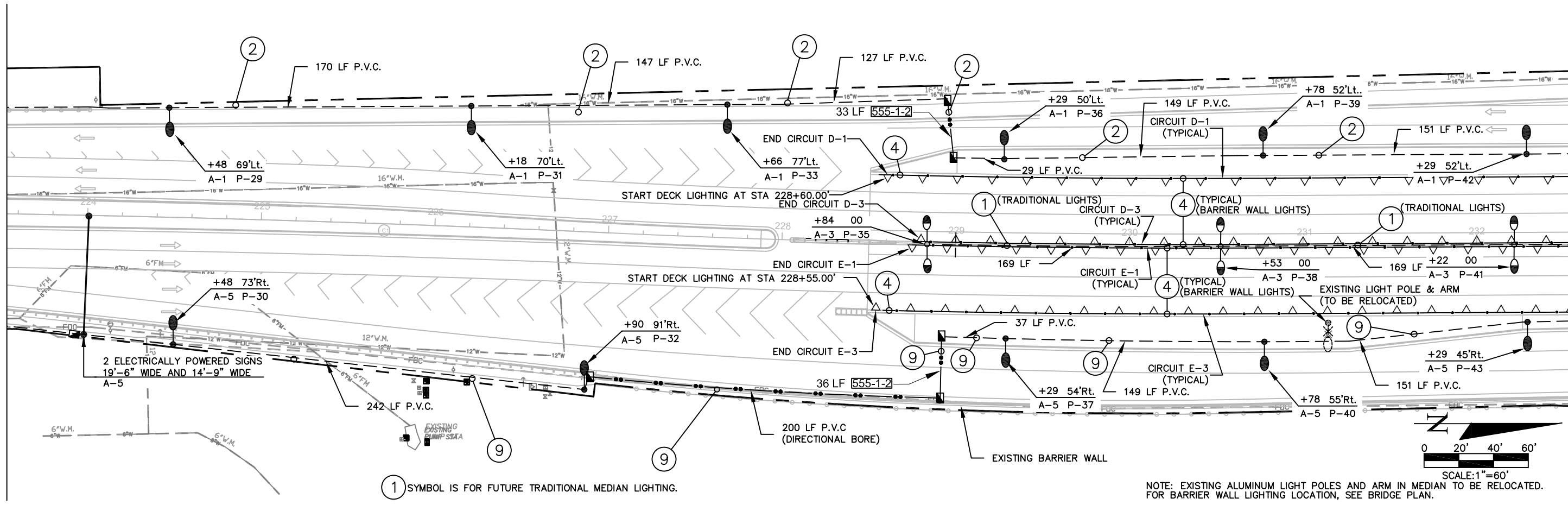
MATCH LINE STA. 214+55

MATCH LINE STA. 223+50



MATCH LINE STA. 223+50

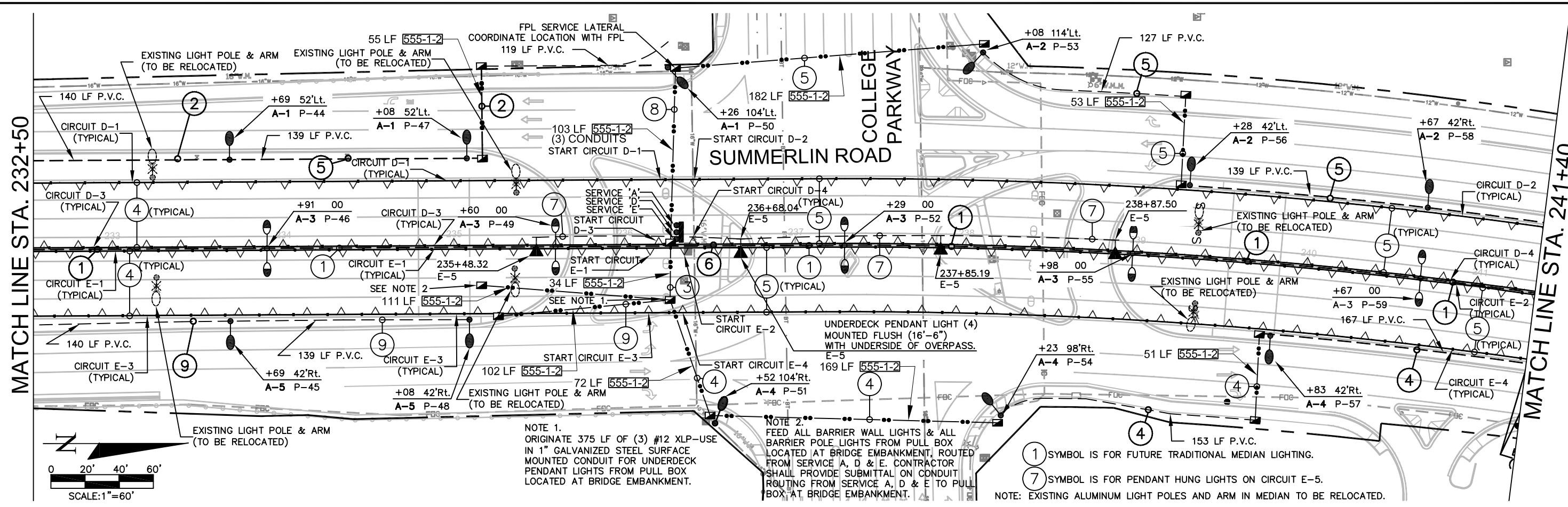
MATCH LINE STA. 232+50



1 SYMBOL IS FOR FUTURE TRADITIONAL MEDIAN LIGHTING.

NOTE: EXISTING ALUMINUM LIGHT POLES AND ARM IN MEDIAN TO BE RELOCATED. FOR BARRIER WALL LIGHTING LOCATION, SEE BRIDGE PLAN.

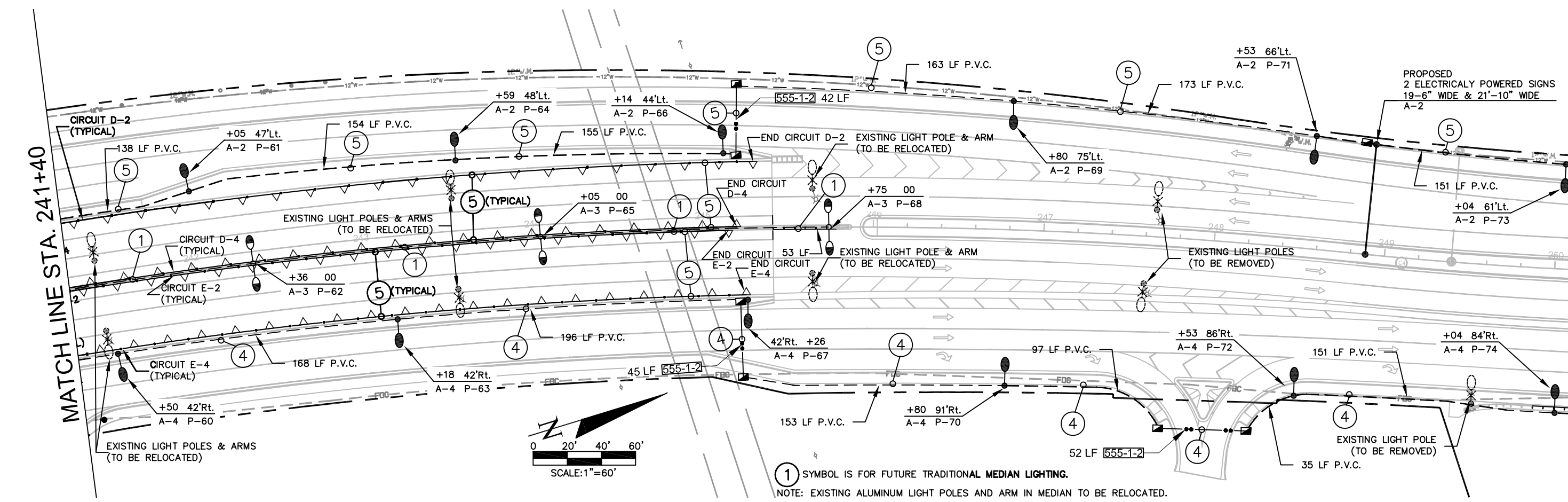
JOB NO. F0002.15	DATE	BY	REVISIONS	DESIGNED BY J.J.J.	APPROVED BY: JEFFREY J. JEWETT P.E.	FINAL SUBMITTAL SEPTEMBER 4, 2007	JEWETT ENGINEERING, INC. Celebrating 12 years in Service CA #9936 623 BAYSIDE DRIVE FORT MYERS, FLORIDA 33919 (239) 432-1550 (FAX) 432-1555	TRANSPORTATION CONSULTANTS, INC. 13881 PLANTATION ROAD, SUITE 11 FORT MYERS, FLORIDA 33912-4339 (239) 278-3090 CERTIFICATE OF AUTHORIZATION: #27003	SUMMERLIN ROAD LIGHTING PLAN PLAN
				DRAWN BY W.L.F.	P.E. 47562				



NOTE 1. ORIGINATE 375 LF OF (3) #12 XLP-USE IN 1" GALVANIZED STEEL SURFACE MOUNTED CONDUIT FOR UNDERDECK PENDANT LIGHTS FROM PULL BOX LOCATED AT BRIDGE EMBANKMENT.

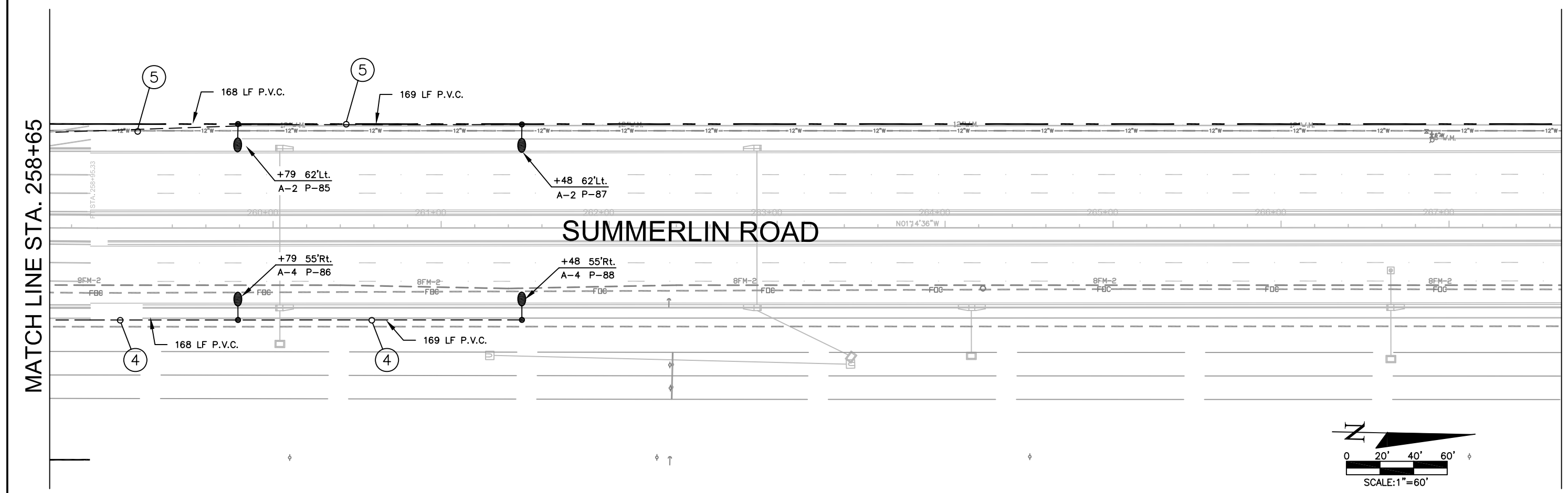
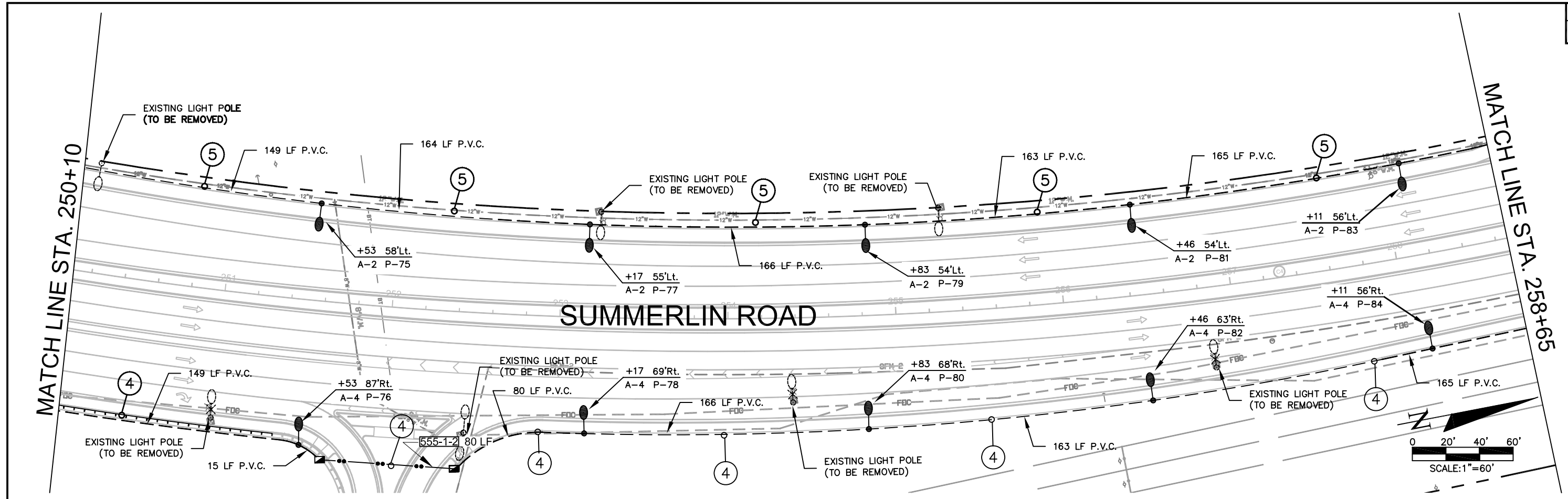
NOTE 2. FEED ALL BARRIER WALL LIGHTS & ALL BARRIER POLE LIGHTS FROM PULL BOX LOCATED AT BRIDGE EMBANKMENT, ROUTED FROM SERVICE A, D & E. CONTRACTOR SHALL PROVIDE SUBMITTAL ON CONDUIT ROUTING FROM SERVICE A, D & E TO PULL BOX AT BRIDGE EMBANKMENT.

1 SYMBOL IS FOR FUTURE TRADITIONAL MEDIAN LIGHTING.
 7 SYMBOL IS FOR PENDANT HUNG LIGHTS ON CIRCUIT E-5.
 NOTE: EXISTING ALUMINUM LIGHT POLES AND ARM IN MEDIAN TO BE RELOCATED.

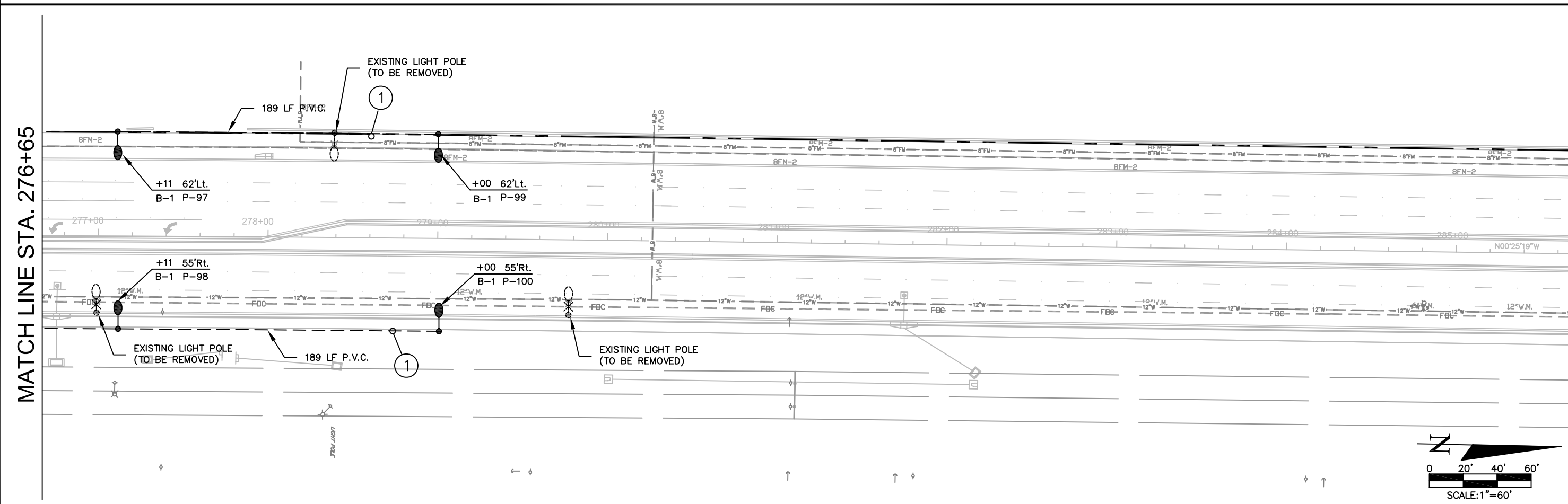
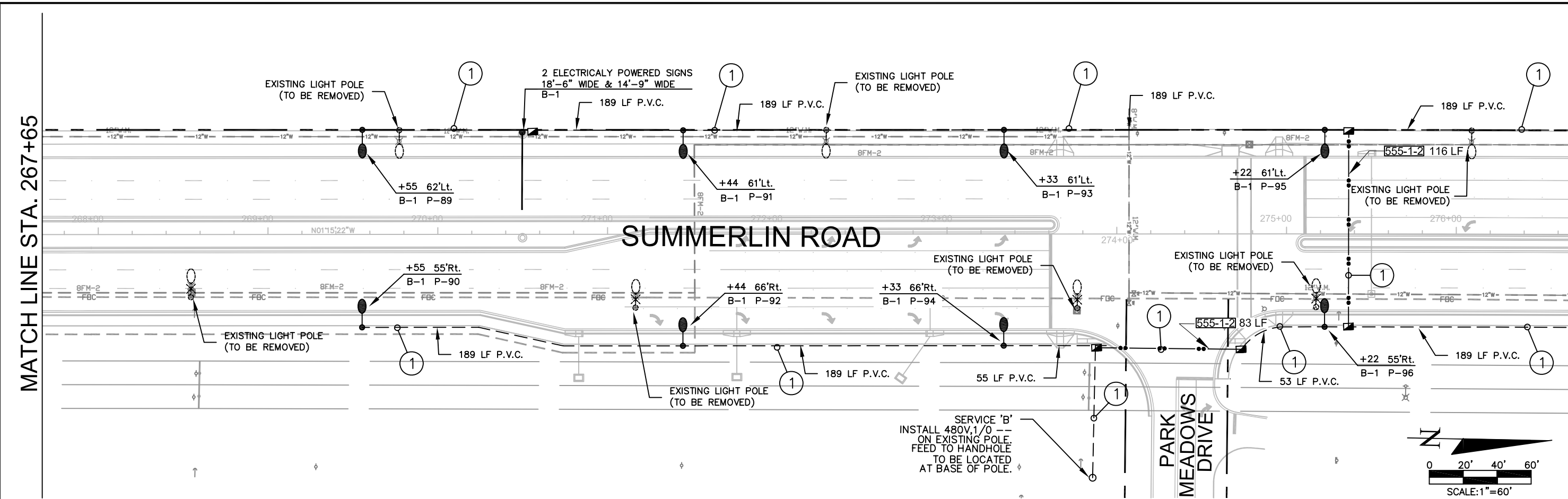


1 SYMBOL IS FOR FUTURE TRADITIONAL MEDIAN LIGHTING.
 NOTE: EXISTING ALUMINUM LIGHT POLES AND ARM IN MEDIAN TO BE RELOCATED.

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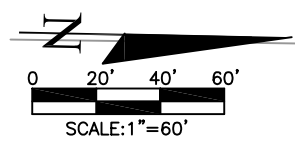
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MATCH LINE STA. 285+65

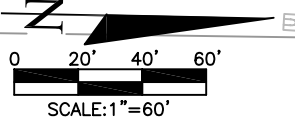
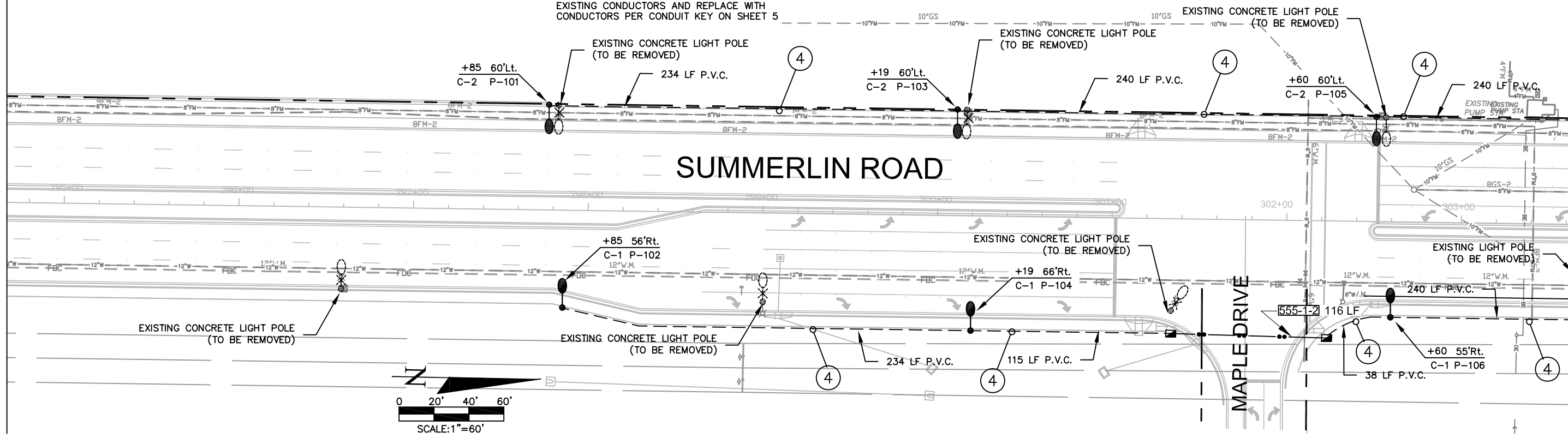
MATCH LINE STA. 294+65



MATCH LINE STA. 294+65

MATCH LINE STA. 303+65

NOTE:
CONTRACTOR MAY USE EXISTING CONDUIT RUNS WHERE POSSIBLE. CONTRACTOR SHALL REMOVE EXISTING CONDUCTORS AND REPLACE WITH CONDUCTORS PER CONDUIT KEY ON SHEET 5



DATE	BY	REVISIONS

DESIGNED BY J.J.J.
DRAWN BY W.L.F.
CHECKED BY J.J.J.

APPROVED BY:
JEFFREY J. JEWETT P.E.
P.E. 47562

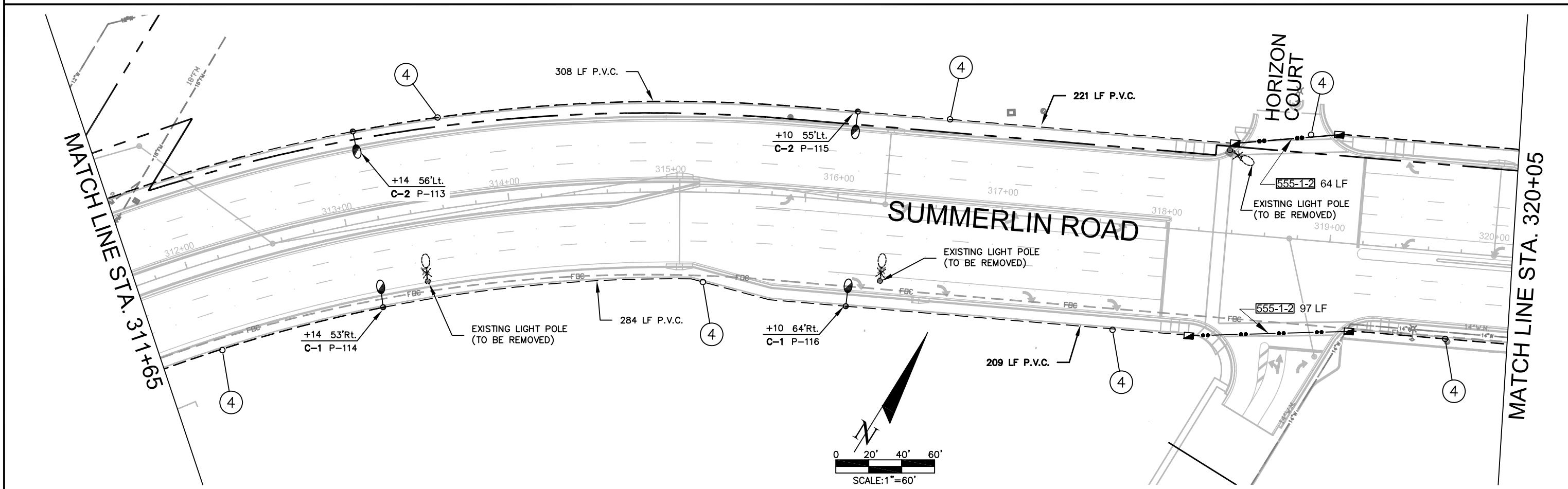
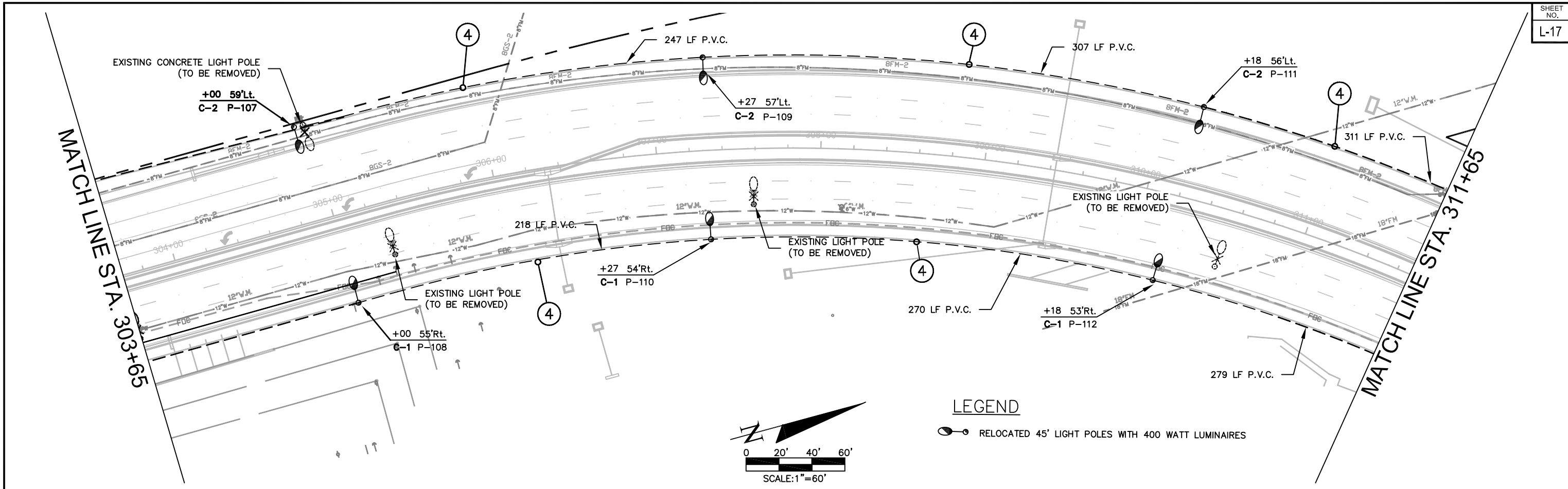
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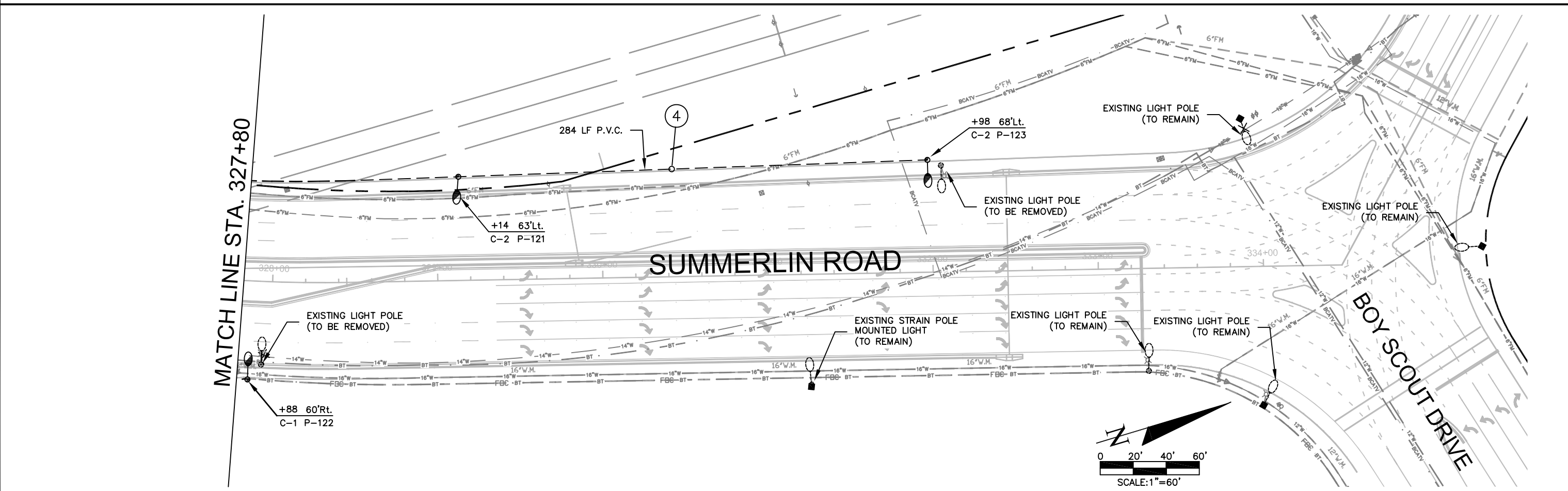
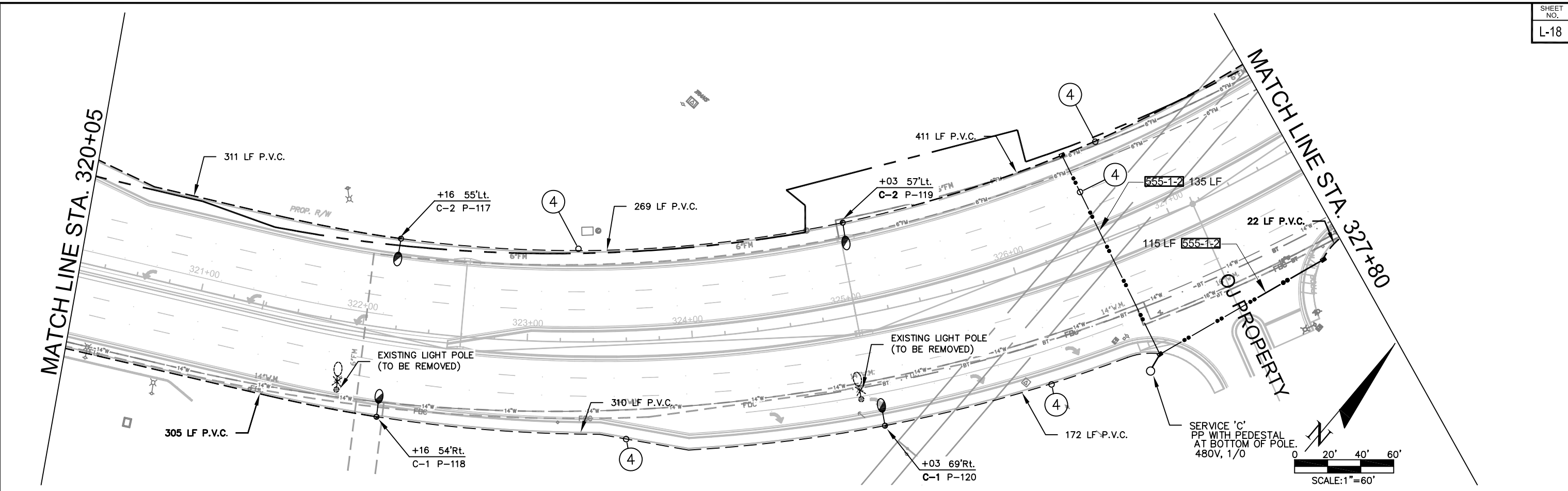
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SUMMERLIN ROAD LIGHTING PLAN
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