

C:\Users\kpooyne\Documents\Projects\pdr\DW\202106-05-06.dwg Tab: 24x36-Cover Jul 06, 2025 -- 1:43pm Plotted by: kpooyne

1. ALL ELEVATIONS REFERTO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) - 1988. FOR NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) - 1929 CONVERSION, ADD 1.31' TO (N.A.V.D.) ELEVATION. THE RECORD DRAWINGS SHALL REFERENCE THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) - 1988.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE ANY EXISTING LANDSCAPING (I.E. SOD, BUSHES, TREES, ETC.) AND SPRINKLER PIPE, SPRINKLER HEADS, FENCING AND ALL IDENTIFIED IMPROVEMENTS THAT MAY HAVE TO BE REMOVED OR HAVE BEEN DAMAGED OR INJURED DURING CONSTRUCTION, NOT IDENTIFIED TO BE REMOVED BY THE STORMWATER IMPROVEMENT. ALL VEGETATION, FENCES, ACCESSORY BUILDINGS, ETC. WITHIN THE EASEMENT AREA ARE TO BE REMOVED AND NOT REPLACED. CONTRACTOR TO REPLACE OR REPAIR ANY DAMAGED PROPERTY OR IMPROVEMENTS TO A CONDITION EQUAL TO OR BETTER THAN EXISTED PRIOR TO CONSTRUCTION. CONTRACTOR MUST COMPLY WITH ALL PROVISIONS OF FLORIDA STATUTE 556, THE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND EXISTING UTILITIES PRIOR TO CONSTRUCTION.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE, VERIFY AND PROTECT ANY EXISTING UTILITIES. CONTRACTOR SHALL COORDINATE WITH EXISTING UTILITIES FOR MODIFICATIONS OR RELOCATION OF THEIR FACILITIES.
5. EXTREME CAUTION TO BE USED WHEN EXCAVATING, AS NUMBER AND LOCATION OF EXISTING UTILITIES HAVE BEEN NOTED BASED ON THE INFORMATION FURNISHED BY OTHERS.
6. DAMAGE TO EXISTING UTILITIES AND PROPERTY DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED AT CONTRACTORS EXPENSE.
7. FOR UTILITY WORK, PIPE JOINT DEFLECTIONS FOR UTILITY ADJUSTMENTS SHALL NOT EXCEED MANUFACTURER'S SPECIFICATIONS. FITTINGS SHALL BE USED WHERE DEFLECTION EXCEEDS ALLOWABLE PIPE JOINT DEFLECTION.
8. THE CONTRACTOR SHALL COMPLY WITH THE "STATE OF FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS" WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AND WITH COLLIER COUNTY DOT STANDARDS. CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF, AND COMPLIANCE WITH, MAINTENANCE OF TRAFFIC PLANS FOR ALL WORK.
9. TRAFFIC SIGNAL SYSTEMS, TRAFFIC LOOPS, INTERCONNECT CABLE, AND STREET LIGHTING SYSTEMS SHALL BE MAINTAINED AT ALL TIMES; IF THE CABLE OR SYSTEM IS CUT OR DAMAGED AS A RESULT OF SUBJECT PROJECT AS DETERMINED BY THE COUNTY, THE CABLE OR SYSTEM SHALL BE REPAIRED IMMEDIATELY BY AN FDOT/COLLIER COUNTY APPROVED CONTRACTOR. ALL NECESSARY REPAIRS SHALL BE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE PERFORMED TO APPLICABLE FDOT AND THE COLLIER COUNTY DOT STANDARDS.
10. DRIVEWAYS, SIDEWALKS, AND OTHER RIGHT-OF-WAY OR EASEMENT ENCROACHMENTS SHALL BE RESTORED EQUAL TO PRE-CONSTRUCTION CONDITIONS OR BETTER AND TO THE SATISFACTION OF THE COUNTY.
11. CONTRACTOR SHALL MAINTAIN 10' MINIMUM CLEARANCE FROM ANY FPL ENERGIZED CONDUCTOR. REFER TO OSHA STANDARDS AND FPL REQUIREMENTS.
12. THE CONTRACTOR MUST COMPLY WITH ALL PROVISIONS OF FLORIDA STATUTE 556, THE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, AND THE COLLIER COUNTY AND CITY OF NAPLES UTILITY DEPARTMENTS STANDARD DETAILS AND SPECIFICATIONS AS APPLICABLE. IN THE EVENT OF CONFLICT BETWEEN THE COUNTY & CITY UTILITIES STANDARDS MANUAL AND THIS ACT, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
13. THE CONTRACTOR SHALL PROTECT ALL TREES AND IRRIGATION SYSTEM TO REMAIN DURING CONSTRUCTION.
14. CONTRACTOR SHALL PERFORM ALL HIS WORK WITHIN THE EASEMENTS OR RIGHT-OF-WAYS.
15. ALL DISTURBED AREAS WITH GROUND COVER SHALL RECEIVE SOLID SOD EQUAL TO PRE-EXISTING COVER OR AT A MINIMUM BAHIA SOD. CONTRACTOR IS RESPONSIBLE FOR MOWING AND MAINTENANCE OF THE RESTORED GROUND COVER UNTIL ESTABLISHMENT OF GROWTH.
16. THE CONTRACTOR SHALL EXAMINE THE SITE AND BE RESPONSIBLE FOR UNDERTAKING HIS OWN SOIL BORINGS, PAVEMENT CORINGS AND GEOTECHNICAL INVESTIGATION PRIOR TO SUBMITTING HIS BID, TAKING INTO CONSIDERATION ALL CONDITIONS THAT MAY AFFECT HIS WORK. THE COUNTY AND THE ENGINEER WILL NOT ASSUME RESPONSIBILITY FOR SUB-SOIL QUALITY OR CONDITIONS; CONTRACTOR SHALL OBTAIN HIS OWN GEOTECHNICAL INFORMATION AS HE/SHE DEEMS NECESSARY. SUCH WORK WILL BE INCLUDED IN THE BID PRICE AS PART OF THE WORK AND NO SEPARATE PAYMENT WILL BE MADE.
17. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FILL. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEBRIS AND EXCESS MATERIAL.
18. THE CONTRACTOR IS RESPONSIBLE FOR BACKFILLING AND GRADING ALL DISTURBED AREAS IN CONJUNCTION WITH THE PROJECT.
19. EXISTING STORMWATER SYSTEM REMOVAL/ABANDONMENT SHALL BE DONE CONCURRENTLY WITH THE INSTALLATION OF THE NEW STORMWATER SYSTEM.
20. ALL MITERED END SECTIONS AT THE PERIMETER DITCH SHALL BE PROVIDED WITH STEEL BARS IN ACCORDANCE WITH FDOT INDEX 430-022

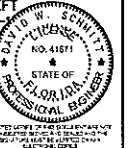
1. THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN FOR THIS PROJECT SHALL BE IN COMPLIANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD PART VI, TRAFFIC CONTROL FOR STREET AND HIGHWAY CONSTRUCTION, AS REVISED TO DATE.) FOR GENERAL TRAFFIC CONTROL ZONE REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION BOOKLET "DESIGN STANDARDS" INDEX 102-600 THROUGH 102-670, AS APPLICABLE.
2. WHERE "FLAGGERS AND "WORKER" SIGNS ARE USED, THE SIGNS SHALL BE COVERED OR REMOVED DURING PERIODS WHEN CONSTRUCTION OPERATIONS ARE SUSPENDED SUCH AS NIGHTS, WEEKENDS OR HOLIDAYS.
3. PLACEMENT OF ALL CONSTRUCTION SIGNS SHALL BE FIELD LOCATED IN SUCH A WAY THAT WILL AVOID OBSTRUCTION OF OR CONFLICT WITH EXISTING SIGNS.
4. ONE TRAVEL LANE SHALL BE KEPT OPEN FOR EACH DIRECTION WITHIN THE WORK AREA THROUGHOUT THE DURATION OF CONSTRUCTION. EXCEPT WHEN A LANE CLOSURE OR DETOUR IS PERMITTED. WHEN DETOURS ARE ESTABLISHED, ROADWAY SHALL BE MADE AVAILABLE FOR LOCAL TRAFFIC AS NEEDED.
5. THE MINIMUM WIDTH OF ANY TRAVEL LANE AT ANY TIME SHALL BE 10 FEET.
6. THE CONTRACTOR SHALL PHASE HIS CONSTRUCTION OPERATIONS IN SUCH A WAY THAT WILL MAINTAIN EXISTING ACCESS TO ALL SIDE STREET AND DRIVEWAYS AT ALL TIME. A FLAGGER SHALL BE USED AT TIMES WHEN 2-WAY ACCESS (I.E. LANE CLOSURES) TO A SIDE STREET IS NOT PROVIDED TO DIRECT VEHICLES ENTERING OR EXITING THE SIDE STREET. ADDITIONAL FLAGGERS MAY BE NECESSARY WHEN WORK ZONE INCLUDES A SIDE STREET.
7. THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A PHASED PLAN FOR STREET CLOSURES AND DETOURS. THE CONTRACTOR WILL BE LIMITED TO TWO CONSECUTIVE INTERSECTIONS CLOSED AT A TIME.
8. THE CONTRACTOR SHALL NOTIFY RESIDENCE A MINIMUM OF 72 HOURS PRIOR TO WORK IN THE RIGHT-OF-WAY OR EASEMENT DIRECTLY AFFECTING THE RESIDENT.(DRIVEWAY, PARKING AREAS, LANDSCAPEING, FENCES, ETC.
9. THE CONTRACTOR SHALL COMPLY WITH THE "STATE OF FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFETY PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS" WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AND WITH THE COLLIER COUNTY DOT STANDARDS. CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF, AND COMPLIANCE WITH, MAINTENANCE OF TRAFFIC PLANS FOR ALL WORK.

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLLIER COUNTY CONSTRUCTION STANDARDS HANDBOOK FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY (LATEST EDITION), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2025-2026) AND THE FDOT STANDARD PLANS FOR ROAD CONSTRUCTION (FY 2025-2026 WITH REVISIONS). WHERE CONFLICTS EXIST, THE MOST STRINGENT SHALL APPLY. NO CTQP SHALL BE REQUIRED DURING PAVEMENT PATCHING, BUT WILL BE REQUIRED DURING OVERLAY.
2. PIPE IDENTIFIED "HP" SHALL BE ADS HP STORM PIPE OR PRE-APPROVED EQUIVALENT. THE PIPE SHALL HAVE THE SAME INTERIOR AND ANNULAR EXTERIOR AND MEET OR EXCEED ASTM F2881 AND ASHTO M330. PIPE SHALL BE JOINED WITH A GASKETED INTERIOR BELL AND SPIGOT MEETING ASTM F2881 AND SHALL BE WATERTIGHT IN ACCORDANCE WITH ASTM D3212. GASKETS SHALL MEET ASTM F477 AND BE FACTORY INSTALLED. AN EXTERIOR BELL WRAP SHALL BE INSTALLED. PIPE INSTALLATION AND BACKFILL/COMPACTION SHALL BE IN ACCORDANCE WITH ASTM D2321 AND MANUFACTURERS REQUIREMENTS.
3. A PRECONSTRUCTION VIDEO SHALL BE TAKEN IMMEDIATELY PRIOR TO ANY WORK. THE PRECONSTRUCTION VIDEO MAY BE TAKEN IN PHASES AS WORK PROGRESSES. THE PRECONSTRUCTION VIDEO SHALL BE SUPPLEMENTED BY STILL PHOTOGRAPHS AS NECESSARY. UPON COMPLETION OF WORK, A POST CONSTRUCTION VIDEO SHALL BE TAKEN. THE PRECONSTRUCTION AND POST CONSTRUCTION VIDEO'S SHALL BE TRANSMITTED TO THE COUNTY AND ENGINEER.
4. IMMEDIATELY PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNERS TO TEST THE EXISTING IRRIGATION SYSTEM. EXISTING IRRIGATION SPRINKLERS SHALL BE MARKED. UPON COMPLETION OF WORK THE IRRIGATION SYSTEM SHALL BE TESTED AND ANY DAMAGE REPAIRED. THE COUNTY FIELD REPRESENTATIVE SHALL BE PRESENT TO WITNESS PRE AND POST TESTING.
5. WORK SHALL BE COMPLETED IN PHASES AS INDICATED ON THE PLANS AND IN THE SUPPLEMENTAL DOCUMENTS. A MAXIMUM OF TWO LOCATIONS (PERIMETER STREET IMPROVEMENTS) SHALL BE UNDER CONSTRUCTION AT ANY ONE TIME. CONTRACTOR SHALL COMPLETE INITIAL ROADWAY RESTORATION PRIOR TO BEGINNING A NEW LOCATION. FINAL PAVEMENT OVERLAY SHALL BE DONE AT COMPLETION OF ALL WORK.
7. FLOATING TURBIDITY BARRIER SHALL BE INSTALLED AT THE OUTFALL LOCATION FOR THE PROJECT. IN ADDITION SILT FENCING SHALL BE INSTALLED WITHIN THE PERIMETER DITCH, UPSTREAM AND DOWNSTREAM OF EACH WORK AREA.

1. THE CONTRACTOR SHALL COORDINATE WITH THE CITY FOR ADJUSTMENTS OF WATER MAINS AND SERVICES, GRAVITY SEWER SERVICES AND WASTEWATER FORCE MAIN. THE CONTRACTOR SHALL PREPARE A PLAN AND SCHEDULE FOR UTILITY ADJUSTMENTS FOR REVIEW AND APPROVAL BY THE CITY AND COUNTY. THE SCHEDULE SHALL BE UPDATED AS NEEDED DURING CONSTRUCTION.
2. THE EXISTING WATER AND WASTEWATER FORCE MAINS ARE AC PIPE. CARE SHALL BE TAKEN IN THE WORK NEAR EXISTING MAINS. ALL UTILITY ADJUSTMENTS SHALL BE IN ACCORDANCE WITH THE CITY REQUIREMENTS, AND BE PERFORMED BY QUALIFIED AC PERSONNEL. ALL REMOVED AC PIPE SHALL BE BAGGED AND LABELED AT THE SITE AND PROPERLY DELIVERED TO THE CITY DESIGNATED SITE FOR DISPOSAL.
3. ALL MATERIAL AND CITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPLES UTILITY STANDARDS.
4. THE CONTRACTOR SHALL COORDINATE WITH THE CITY FOR ALL UTILITY OUTAGES. UTILITY ADJUSTMENTS SHOULD BE COMPLETED IN MULTIPLE LOCATIONS TO MINIMIZE OUTAGES AND DISRUPTION.
5. THE FORCE MAIN ADJUSTMENTS WILL REQUIRE SHUT-DOWN OF THE EXISTING PUMP STATIONS (2). DURING THE SHUT-DOWN, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL PUMPER TRUCKS NEEDED. CONTRACTOR SHALL COORDINATE WITH CITY FOR DISPOSAL OF THE WASTEWATER. THE CONTRACTOR SHALL LINE ALL EXCAVATIONS FOR THE FORCE MAIN ADJUSTMENTS AND HAVE PUMPER TRUCKS AVAILABLE TO DRAIN THE FORCE MAIN.

A.E.	ACCESS EASEMENT	EXIST.	EXISTING	MH	MANHOLE
A.R.V.	AIR RELEASE VALVE	F.H.	FIRE HYDRANT	MJ	MECHANICAL JOINT
B.E.	BUFFER EASEMENT	F.M.	FORCE MAIN	P.E.	PRESERVE EASEMENT
B.S.V.	BACTERIAL SAMPLE VALVE	G/V	GATE VALVE	PVC.	POLYVINYL CHLORIDE PIPE
B.	BASIN	HW	HEADWALL	R.G.P.	REINFORCED CONCRETE PIPE
B.O.	BLOW OFF	I.E.	INVERT ELEVATION	R.M.J.	RESTRAINED MECHANICAL JOINT
CB	CATCH BASIN	JB	JUNCTION BOX	R/W	RIGHT-OF-WAY
C.O.	SANITARY SEWER CLEAN OUT	L.B.E.	LANDSCAPE BUFFER EASEMENT	SAN.	SANITARY
C.U.E.	COUNTY UTILITY EASEMENT	MAX.	MAXIMUM	S.D.E.	SPECIAL DRAINAGE EASEMENT
D.E.	DRAINAGE EASEMENT	M.E.	MAINTENANCE EASEMENT	U.E.	UTILITY EASEMENT
E.S.	EXISTING DRAINAGE STRUCTURE	ME	MITERED END	WCS	WATER CONTROL STRUCTURE
E.W.	END WALL	MIN.	MINIMUM	W.M.	WATER MAIN
				WSEL	WATER SURFACE ELEVATION

	• FIRE HYDRANT w/ G/VALVE, V/BOX, PAD & I.D. FIRE HYDRANT REFLECTOR (BLUE)		• PROPOSED ELEVATION
	• VALVE WITH V/BOX, PAD & I.D.		• EXIST. ELEVATION
	• BACTERIAL SAMPLE VALVE		• SANITARY SEWER MANHOLE
	• AIR RELEASE / TEMP. BACTERIAL SAMPLE VALVE		• PUMP STATION
	• REDUCER		• SANITARY SEWER CLEAN-OUT
	• PLUG		• STOP SIGN w/ STOP BAR (R1-1) W/ (24" WIDE THERMALPLASTIC)
	• BLOW-OFF & BACTERIAL SAMPLE VALVE		• STREET SIGN
	• TEE		• SPEED LIMIT SIGN (R2-1)
	• 45' BEND		• ONE-WAY SIGN (R2-2)
	• 22-1/2' BEND		• DO NOT ENTER SIGN (R2-3)
	• CROSSING		• G-BUTTON REFLECTOR SIGN (R2-4)
	• HEADWALL w/ R.C.P.		• NO OUTLET SIGN (R2-5)
	• MITERED END SECTION		• RIGHT LANE MUST TURN RIGHT (R2-6)
	• CATCHBASIN (TYPE 'A') CURB INLET		• KEEP RIGHT SIGN (R2-7)
	• CATCHBASIN (TYPE 'B') TOP INLET		• ABRUPT TURN SIGN RIGHT & LEFT (R2-8) TO BE MOUNTED w/ W1-1
	• JUNCTION BOX		• DIRECTION OF FLOW
	• CONCRETE FLUME		• POWER POLE



Collier County
TRANSPORTATION
MANAGEMENT SERVICES

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△		
△		
△	Updated	5/25
REV.	DESCRIPTION	DATE

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Bowman

FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER 30462

Poinciana Village Stormwater Improvements General Notes

THESE DRAWINGS ARE NOT APPROVED UNLESS SIGNED AND SEALED BELOW:	KLP	KLP	DWS	JOB No. 2021-016
	DESIGN	DRAWN	CHKD	DRAWING No. PLAN SH.
DAVID W. SCHMITT, P.E. FL. LICENSE NO. 41671 05/09/2025	SCALE	NONE		DATE 11/2022
				SHEET 2

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CSO Re-use: Collier County Stormwater Management Services Project (Lump Sum Contract) - Reimbursement July 7/1/2025

POINCIANA VILLAGE STORMWATER IMPROVEMENTS			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	28074	LF
104-18	INLET PROTECTION SYSTEM	67	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	715	SY
110-1-1	CLEARING & GRUBBING	4	AC
120-10-21	CLEAN AND RESHAPE DITCH	8460	LF
121-70	FLOWABLE FILL	1533	CY
145-1	GEOSYNTHETIC REINFORCED SOIL SLOPES	31534	SY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	1822	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	995	TN
425-1-521	FDOT TYPE C INLET, <10'	21	EA
425-1-551	FDOT TYPE E INLET, <10'	34	EA
425-1-571	FDOT TYPE G INLET, <10'	11	EA
425-1-711	FDOT GUTTER TYPE V, <10'	1	EA
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (18" RCP)	122	LF
430-175-118A	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (18" HP)	426	LF
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (24" RCP)	114	LF
430-175-130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (30" RCP)	71	LF
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (15" ERCP)	650	LF
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	996	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	2031	LF
430-175-230	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (30" ERCP)	753	LF
430-830	FILLING & PLUGGING PIPE-PLACE OUT OF SERVICE	29	CY
430-984-125	MITERED END SECTION (18")	1	EA
430-984-623	MITERED END SECTION (12"x18")	8	EA
430-518-100	CONCRETE HEADWALL (18")	1	EA
430-524-102	CONCRETE HEADWALL (19"x30")	15	EA
430-530-102	CONCRETE HEADWALL (24"x38")	4	EA
520-3	CONCRETE VALLEY GUTTER	20	LF
522-1	CONCRETE SIDEWALK, 4" THICK	199	SY
522-2	CONCRETE SIDEWALK & DRIVEWAY, 6" THICK	516	SY
570-1-2	PREFORMANCE TURF, SOD	40129	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	169	LF
711-15-101	THERMOPLASTIC, STD, WHITE, SOLID, 6"	0.02	GM
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.30	GM
SP-1	UTILITY CONFLICT, 6" AC WATERMAIN	9	EA
SP-2	UTILITY ADJUST WATER SERVICE	14	EA
SP-3	UTILITY CONFLICT, 6" FORCE MAIN REMOVAL	9	EA
SP-4	UTILITY ADJUST SEWER SERVICE	1	EA
SP-5	REMOVE & RESTORE PAVER DRIVEWAY	250	SF
SP-6	HOLD/PROTECT LIGHT POLE	7	EA
SP-7	LANDSCAPE HEDGE	1	LS



Collier County
TRANSPORTATION
MANAGEMENT SERVICES

▲		
▲		
▲	Updated	7/25
▲	Updated	5/25
REV.	DESCRIPTION	DATE

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Poinciana Village
Stormwater Improvements
Quantities

THESE DRAWINGS ARE NOT
APPROVED UNLESS SIGNED
AND SEALED BELOW:

DAVID W. SCHMITT, P.E.
FL. LICENSE NO. 41671
07/08/2025

KLP	KLP	DWS
DESIGN	DRAWN	CHKO
SCALE	NONE	



JOB No.	2021-016
DRAWING No.	PLAN SH.
DATE	11/2022
SHEET	3A

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LOCATION 13, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	377	LF
104-18	INLET PROTECTION SYSTEM	2	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	9	SY
110-1-1	CLEARING & GRUBBING	0.119500	AC
121-70	FLOWABLE FILL	16	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	49	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	190	TN
425-1-551	FDOT TYPE E INLET, <10'	2	EA
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	42	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	103	LF
430-830	FILLING & PLUGGING PIPE-PLACE OUT OF SERVICE	7	CY
430-524-102	CONCRETE HEADWALL (19"x30")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	9	SY
570-1-2	PREFORMANCE TURF, SOD	287	SY
SP-1	UTILITY CONFLICT, 6" AC WATERMAIN	1	EA

LOCATION 14, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	506	LF
104-18	INLET PROTECTION SYSTEM	2	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	9	SY
110-1-1	CLEARING & GRUBBING	0.177500	AC
121-70	FLOWABLE FILL	7	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	30	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	210	TN
425-1-521	FDOT TYPE C INLET, <10'	1	EA
425-1-551	FDOT TYPE E INLET, <10'	1	EA
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	39	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	171	LF
430-524-102	CONCRETE HEADWALL (19"x30")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	9	SY
570-1-2	PREFORMANCE TURF, SOD	343	SY
SP-1	UTILITY CONFLICT, 6" AC WATERMAIN	1	EA
SP-2	UTILITY ADJUST WATER SERVICE	1	EA

LOCATION 15, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	355	LF
104-18	INLET PROTECTION SYSTEM	3	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	35	SY
110-1-1	CLEARING & GRUBBING	0.229500	AC
121-70	FLOWABLE FILL	57	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	100	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	469	TN
425-1-521	FDOT TYPE C INLET, <10'	1	EA
425-1-551	FDOT TYPE E INLET, <10'	2	EA
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (15" ERCP)	86	LF
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	44	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	103	LF
430-524-102	CONCRETE HEADWALL (19"x30")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	9	SY
522-2	CONCRETE SIDEWALK & DRIVEWAY, 6" THICK	26	SY
570-1-2	PREFORMANCE TURF, SOD	432	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	12	LF
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.018900	GM

LOCATION 16, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	421	LF
104-18	INLET PROTECTION SYSTEM	3	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	13	SY
110-1-1	CLEARING & GRUBBING	0.216100	AC
121-70	FLOWABLE FILL	91	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	90	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	409	TN
425-1-521	FDOT TYPE C INLET, <10'	1	EA
425-1-551	FDOT TYPE E INLET, <10'	2	EA
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	113	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	105	LF
430-830	FILLING & PLUGGING PIPE-PLACE OUT OF SERVICE	7	CY
430-524-102	CONCRETE HEADWALL (19"x30")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	13	SY
570-1-2	PREFORMANCE TURF, SOD	431	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	12	LF
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.018900	GM

LOCATION 17, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	389	LF
104-18	INLET PROTECTION SYSTEM	4	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	68	SY
110-1-1	CLEARING & GRUBBING	0.319100	AC
121-70	FLOWABLE FILL	29	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	42	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	318	TN
425-1-521	FDOT TYPE C INLET, <10'	4	EA
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (18" RCP)	72	LF
430-175-118A	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (18" HP)	26	LF
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (15" ERCP)	115	LF
430-518-100	CONCRETE HEADWALL (18")	2	EA
430-984-623	MITERED END SECTION (12"x18")	3	EA
522-2	CONCRETE SIDEWALK & DRIVEWAY, 6" THICK	68	SY
570-1-2	PREFORMANCE TURF, SOD	533	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	12	LF
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.018900	GM

LOCATION 18, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	437	LF
104-18	INLET PROTECTION SYSTEM	4	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	9	SY
110-1-1	CLEARING & GRUBBING	0.263400	AC
121-70	FLOWABLE FILL	90	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	154	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	371	TN
425-1-521	FDOT TYPE C INLET, <10'	1	EA
425-1-551	FDOT TYPE E INLET, <10'	1	EA
425-1-571	FDOT TYPE G INLET, <10'	2	EA
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	88	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	68	LF
430-175-230	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (30" ERCP)	104	LF
430-530-102	CONCRETE HEADWALL (24"x38")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	9	SY
570-1-2	PREFORMANCE TURF, SOD	416	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	14	LF
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.018900	GM

NOTE: ALL MITERED END SECTIONS THAT DISCHARGE INTO THE PERIMETER DITCH TO HAVE A 2:1 SLOPE ALL OTHER MITERED END SECTIONS TO BE 4:1 SLOPE. ALL MITERED END SECTIONS GREATER THAN 24" TO HAVE GRATES PER INDEX 430-022.



Collier County
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5	Updated	5/25

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Poinciana Village
Stormwater Improvements
Quantities

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DAVID W. SCHMITT, P.E. FL. LICENSE NO. 41671 06/22/2025	DESIGN	DRAWN	CHKD	DRAWING No. PLAN SH.
SCALE	NONE			DATE 11/2022
				SHEET 3D

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LOCATION 19, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	331	LF
104-18	INLET PROTECTION SYSTEM	3	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	9	SY
110-1-1	CLEARING & GRUBBING	0.232500	AC
121-70	FLOWABLE FILL	266	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	138	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	436	TN
425-1-551	FDOT TYPE E INLET, <10'	1	EA
425-1-571	FDOT TYPE G INLET, <10'	2	EA
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	97	LF
430-175-230	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (30" ERCP)	104	LF
430-530-102	CONCRETE HEADWALL (24"x38")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	9	SY
570-1-2	PREFORMANCE TURF, SOD	377	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	13	LF
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.018900	GM
SP-1	UTILITY CONFLICT, 6" AC WATERMAIN	1	EA
SP-2	UTILITY ADJUST WATER SERVICE	1	EA

LOCATION 20, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	458	LF
104-18	INLET PROTECTION SYSTEM	4	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	6	SY
110-1-1	CLEARING & GRUBBING	0.254200	AC
121-70	FLOWABLE FILL	136	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	80	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	405	TN
425-1-521	FDOT TYPE C INLET, <10'	2	EA
425-1-551	FDOT TYPE E INLET, <10'	2	EA
430-175-118A	PIPE CULVERT, OPTIONAL MATERIAL, ROUND (18" HP)	99	LF
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (15" ERCP)	71	LF
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	41	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	110	LF
430-524-102	CONCRETE HEADWALL (19"x30")	1	EA
522-1	CONCRETE SIDEWALK, 4" THICK	6	SY
570-1-2	PREFORMANCE TURF, SOD	501	SY
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	13	LF
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.018900	GM
SP-1	UTILITY CONFLICT, 6" AC WATERMAIN	1	EA

LOCATION 21, PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	315	LF
104-18	INLET PROTECTION SYSTEM	3	EA
110-4-10	REMOVAL OF EXISTING CONCRETE	93	SY
110-1-1	CLEARING & GRUBBING	0.171500	AC
121-70	FLOWABLE FILL	26	CY
210-2	LIMEROCK, NEW MATERIAL FOR REWORKING BASE (18")	45	SY
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)	292	TN
425-1-551	FDOT TYPE E INLET, <10'	1	EA
425-1-571	FDOT TYPE G INLET, <10'	1	EA
425-1-711	FDOT GUTTER TYPE V, <10'	1	EA
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (15" ERCP)	62	LF
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (18" ERCP)	95	LF
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ELLIP. (24" ERCP)	111	LF
430-984-623	MITERED END SECTION (12"x18")	2	EA
430-524-102	CONCRETE HEADWALL (19"x30")	1	EA
520-3	CONCRETE VALLEY GUTTER	20	LF
522-1	CONCRETE SIDEWALK, 4" THICK	7	SY
522-2	CONCRETE SIDEWALK & DRIVEWAY, 6" THICK	86	SY
570-1-2	PREFORMANCE TURF, SOD	353	SY
711-15-101	THERMOPLASTIC, STD, WHITE, SOLID, 6"	0.02	GM
711-15-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	0.032200	GM
SP-1	UTILITY CONFLICT, 6" AC WATERMAIN	1	EA
SP-7	LANDSCAPE HEDGE	1	LS

REAR YARD DITCH (NORTH), PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	7482	LF
120-10-21	CLEAN AND RESHAPE DITCH	3730	LF
145-1	GEOSYNTHETIC REINFORCED SOIL SLOPES	13903	SY
570-1-2	PREFORMANCE TURF, SOD	13903	SY

REAR YARD DITCH (WEST), PHASE 1			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	2752	LF
120-10-21	CLEAN AND RESHAPE DITCH	1300	LF
145-1	GEOSYNTHETIC REINFORCED SOIL SLOPES	4846	SY
570-1-2	PREFORMANCE TURF, SOD	4846	SY

REAR YARD DITCH (SOUTH), PHASE 2			
NO.	ITEM	QUANTITY	UNITS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENTATION BARRIER	6946	LF
120-10-21	CLEAN AND RESHAPE DITCH	3430	LF
145-1	GEOSYNTHETIC REINFORCED SOIL SLOPES	12785	SY
570-1-2	PREFORMANCE TURF, SOD	12785	SY



Collier County
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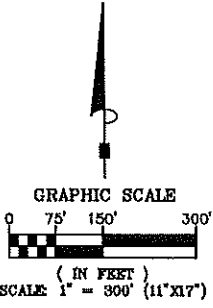
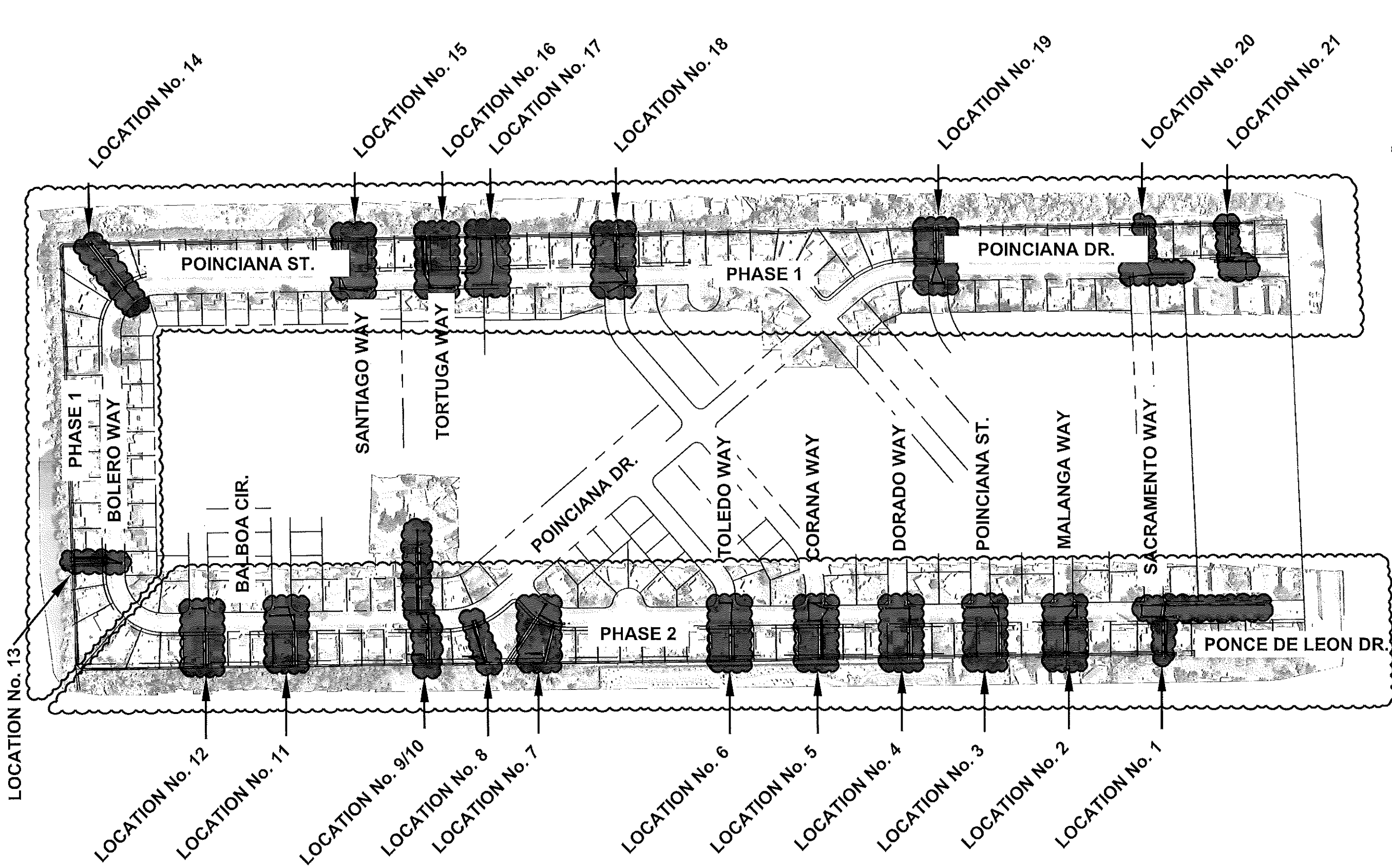
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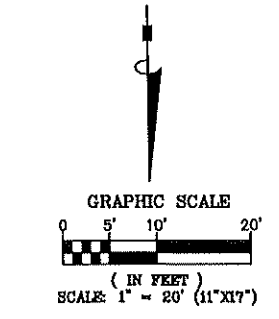
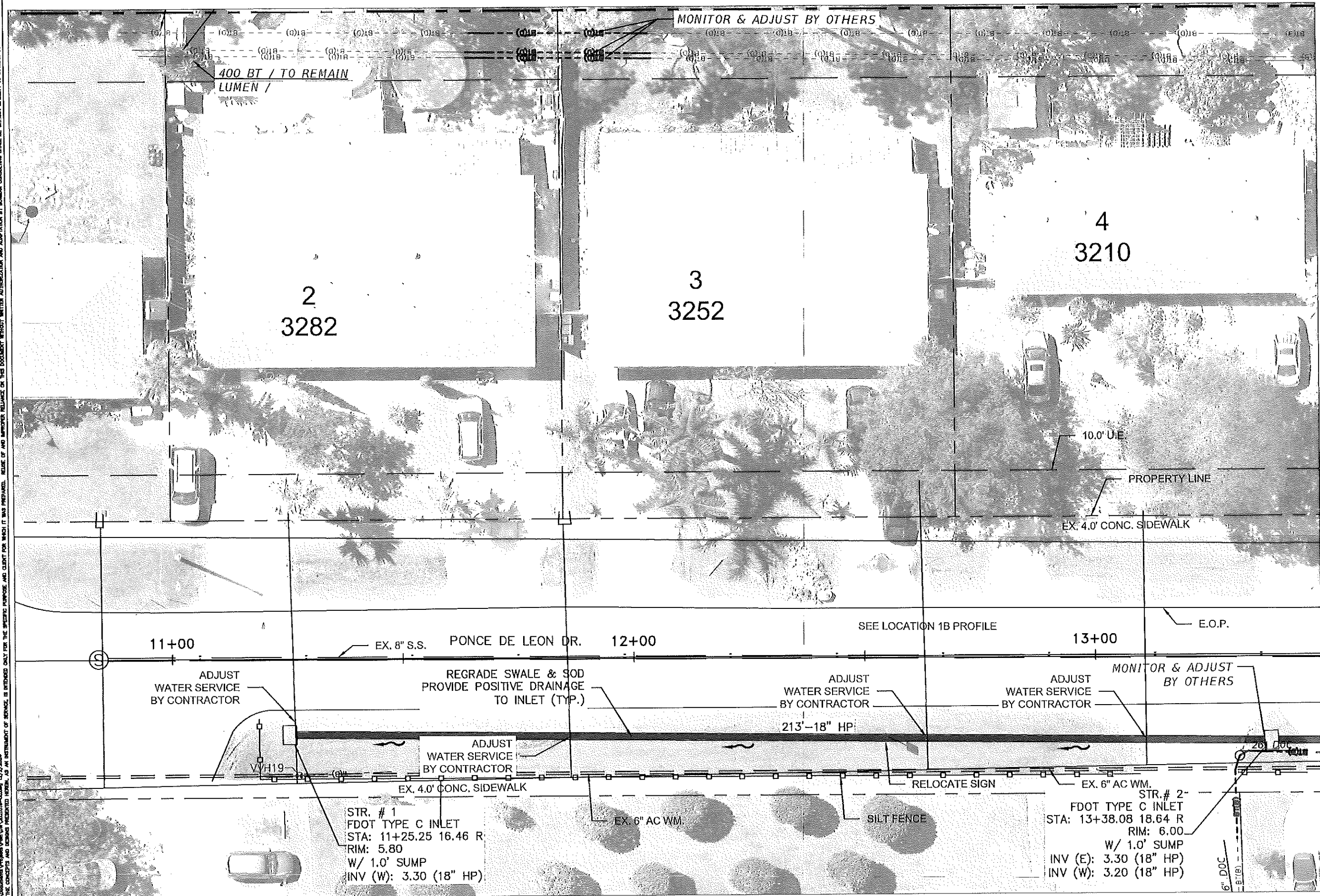


Poinciana Village
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Layout & Phasing Sheet

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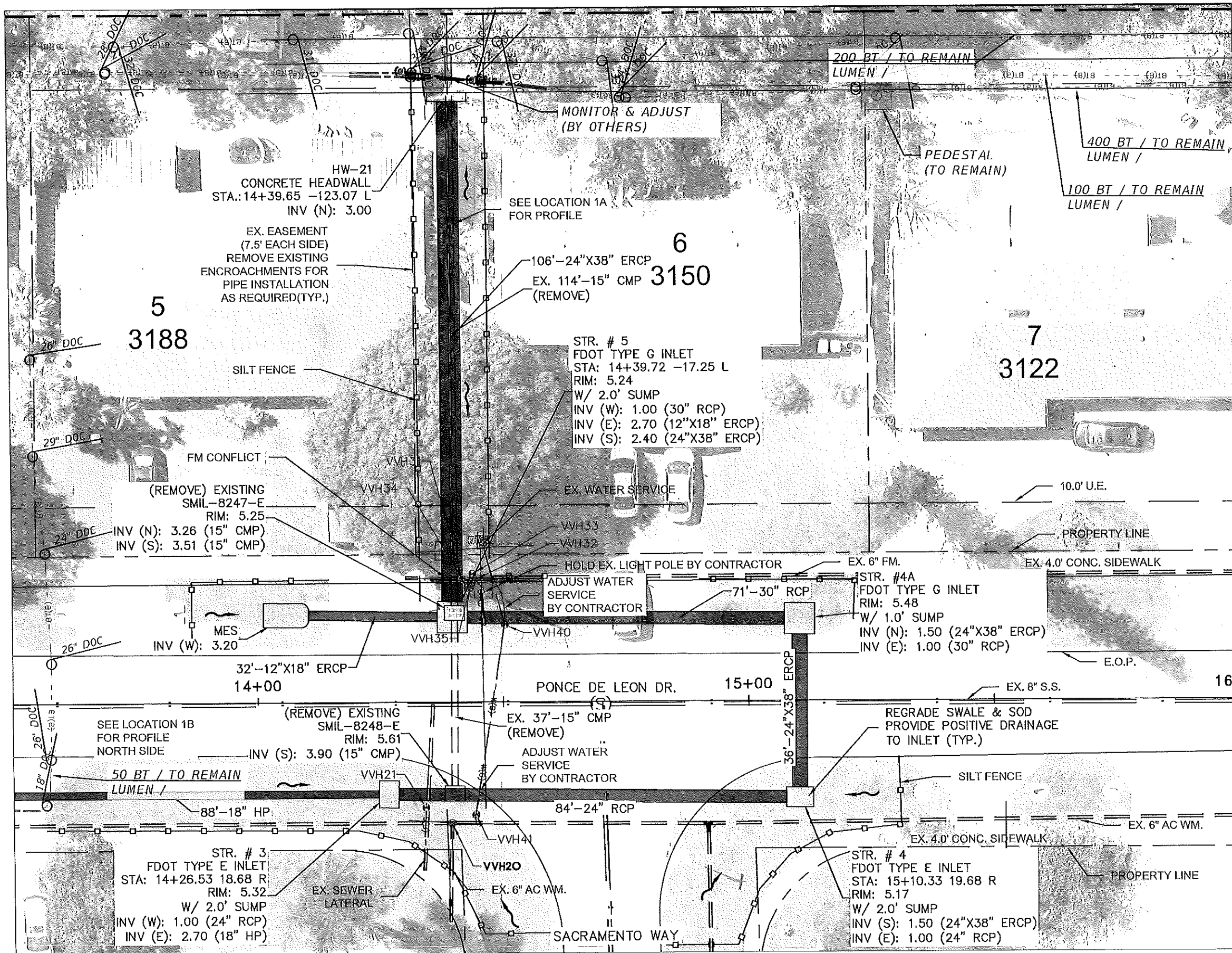
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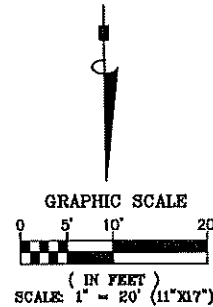
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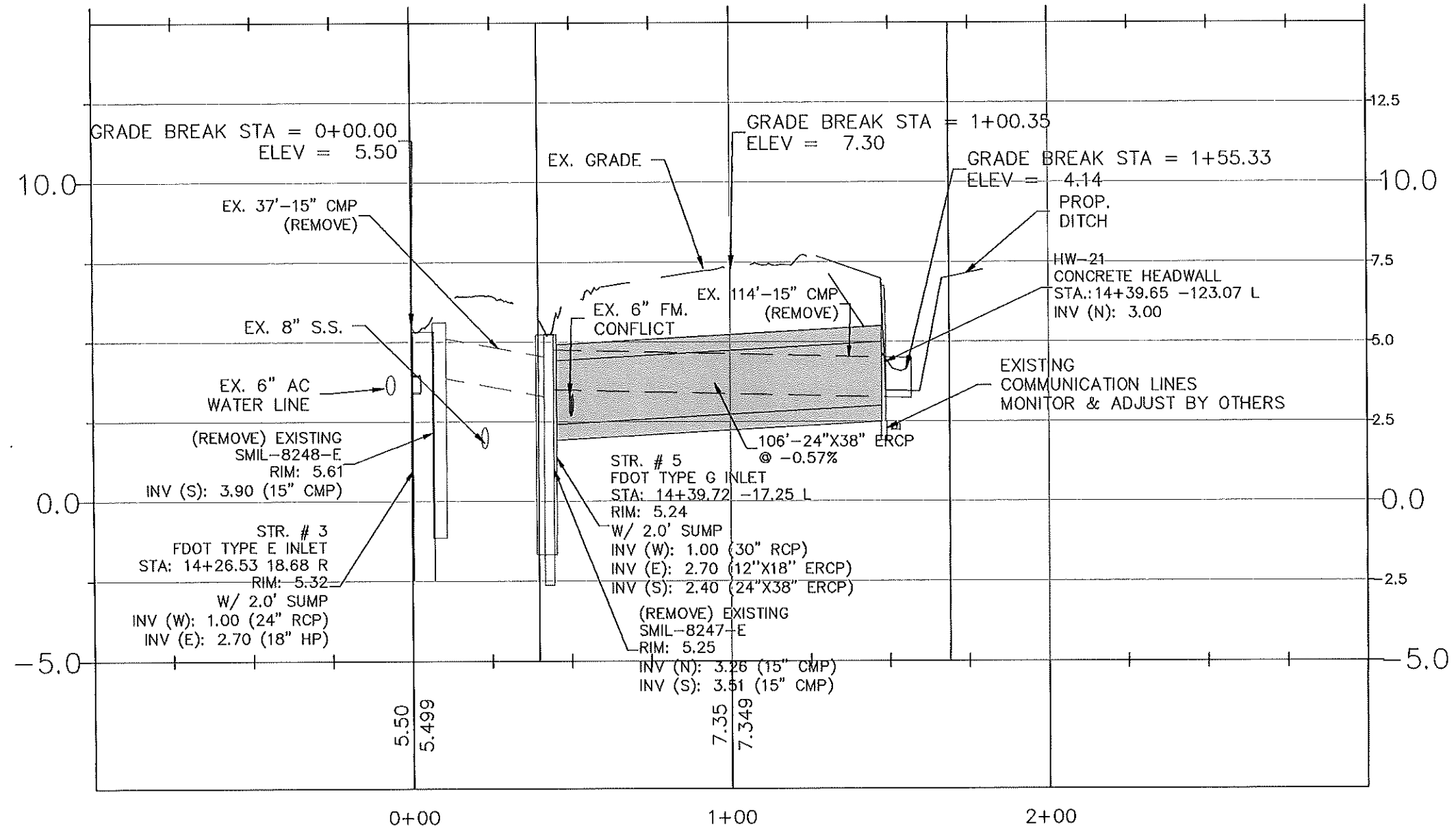
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Location 1A PROFILE

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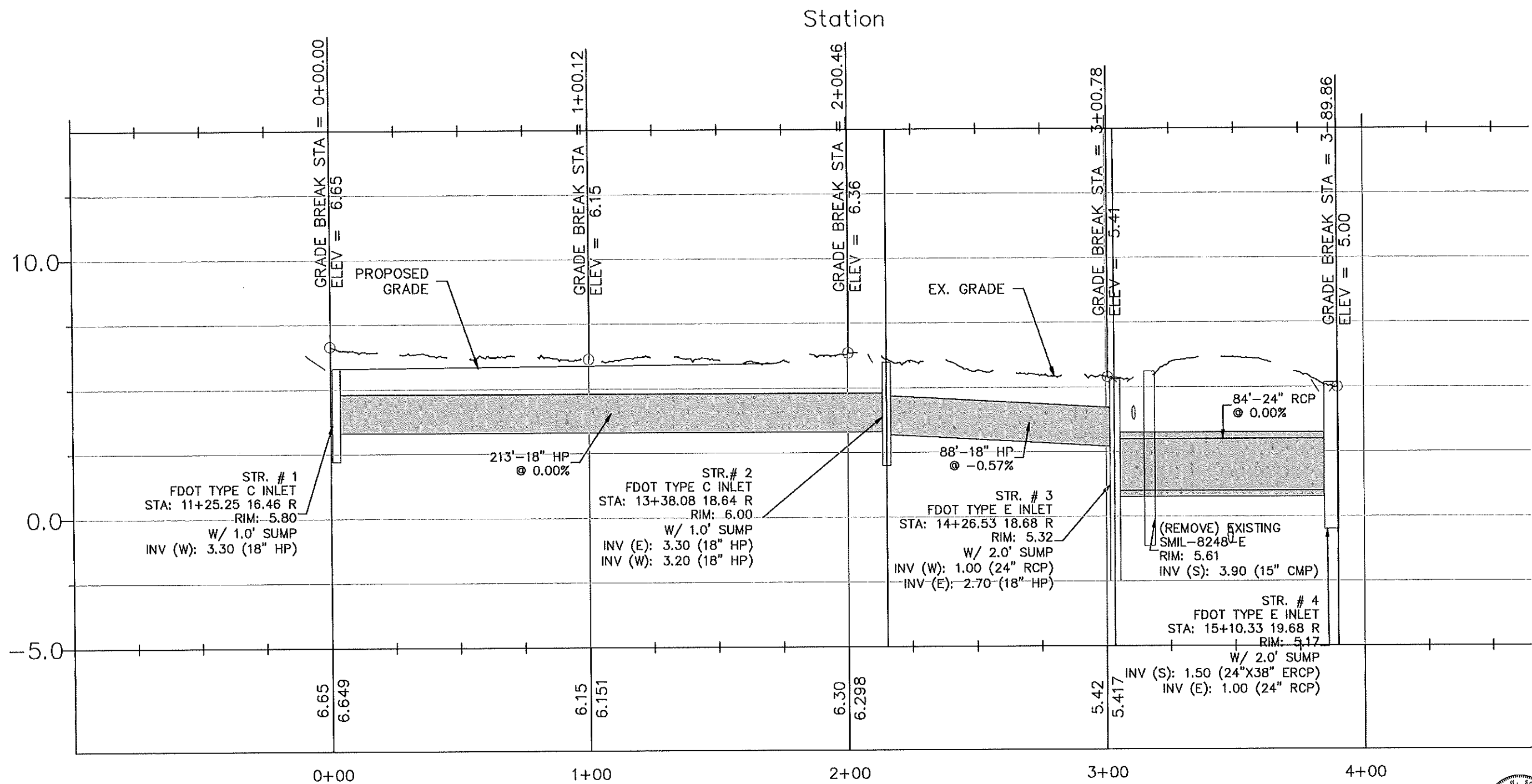
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SCALE 1" = 40'		

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SCALE	1" = 40'				

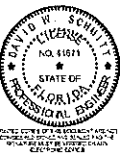
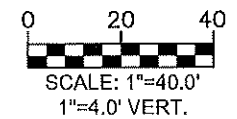
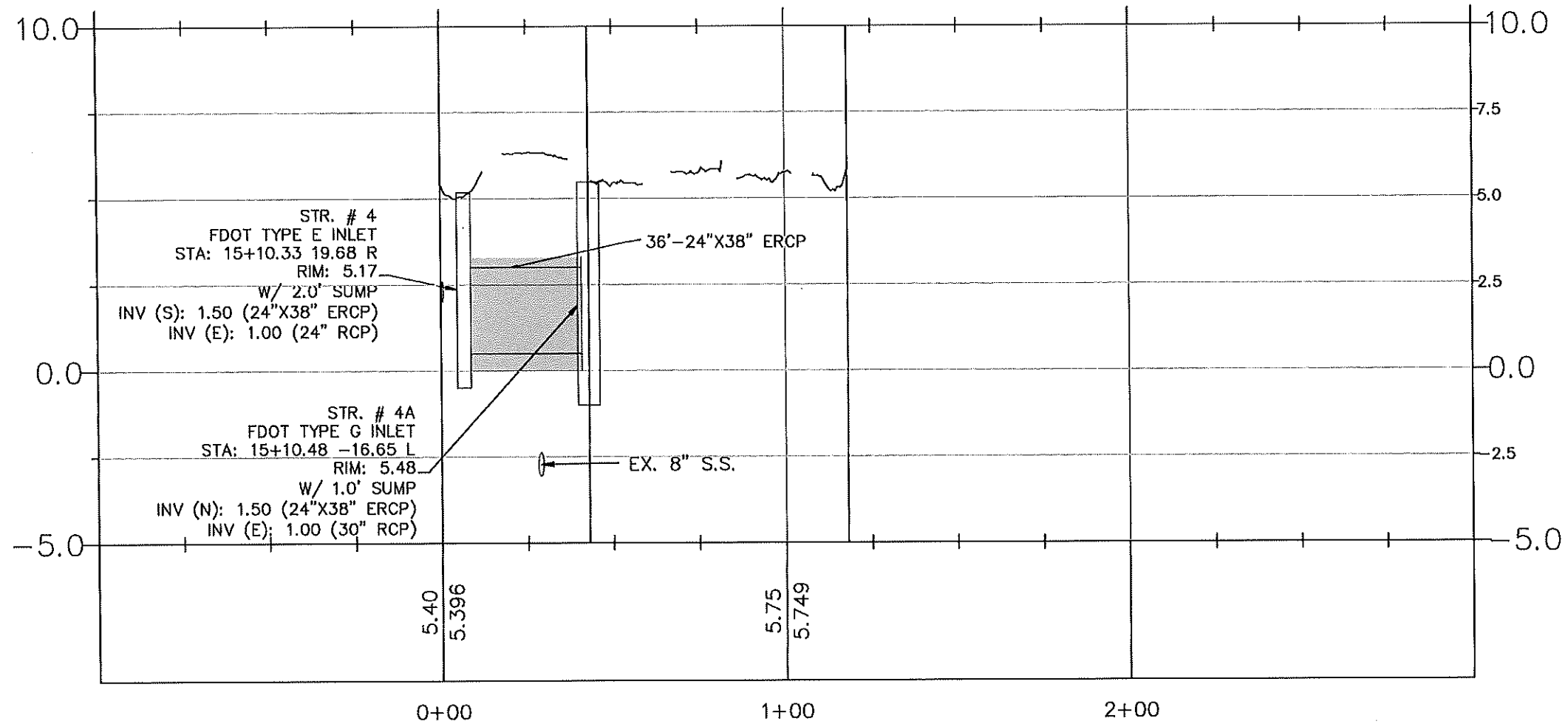
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Location 1c PROFILE

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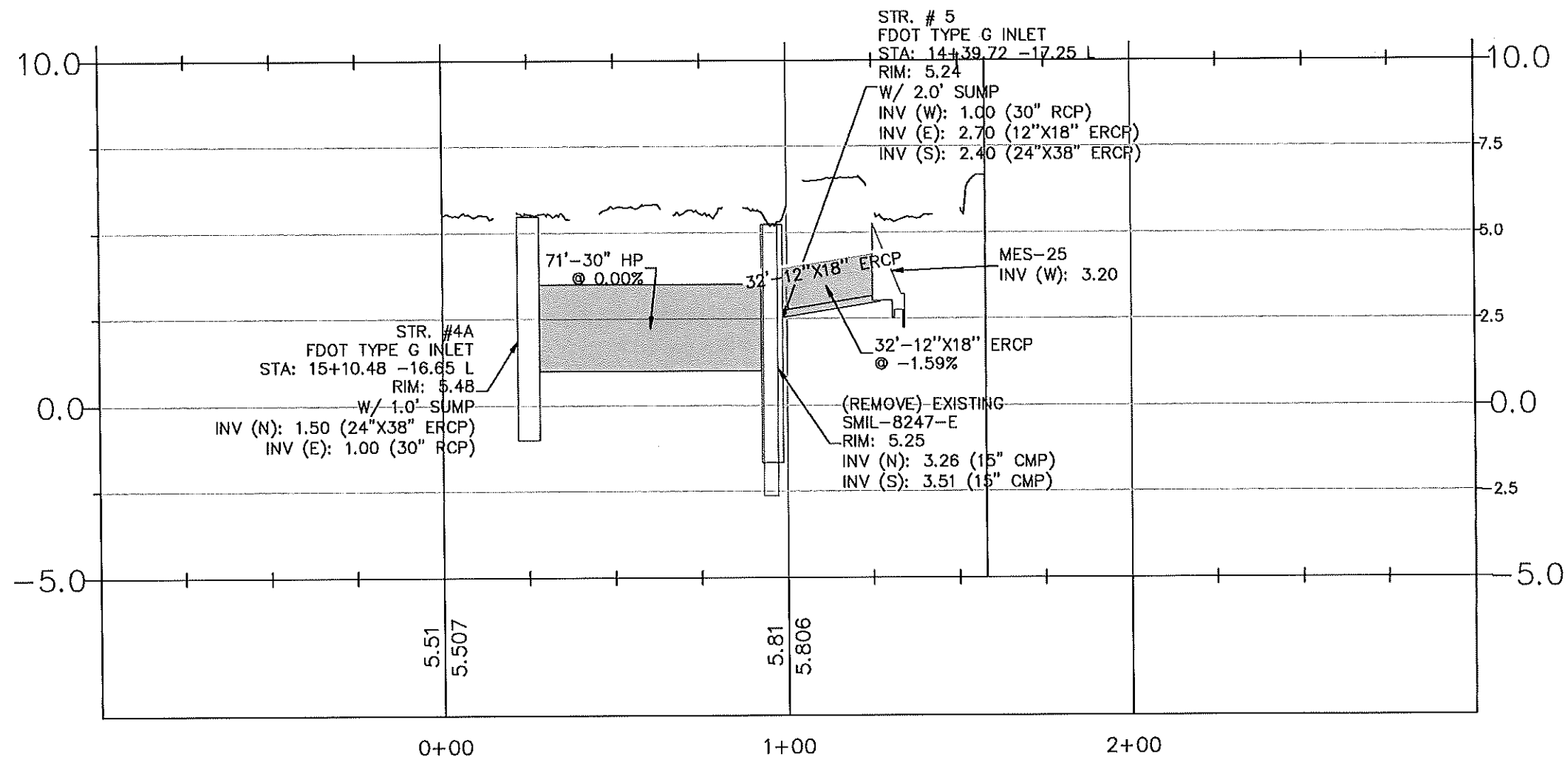


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				SHEET	8B

1-D PROFILE

Station



0 20 40
SCALE: 1"=40.0'
1"=4.0' VERT.



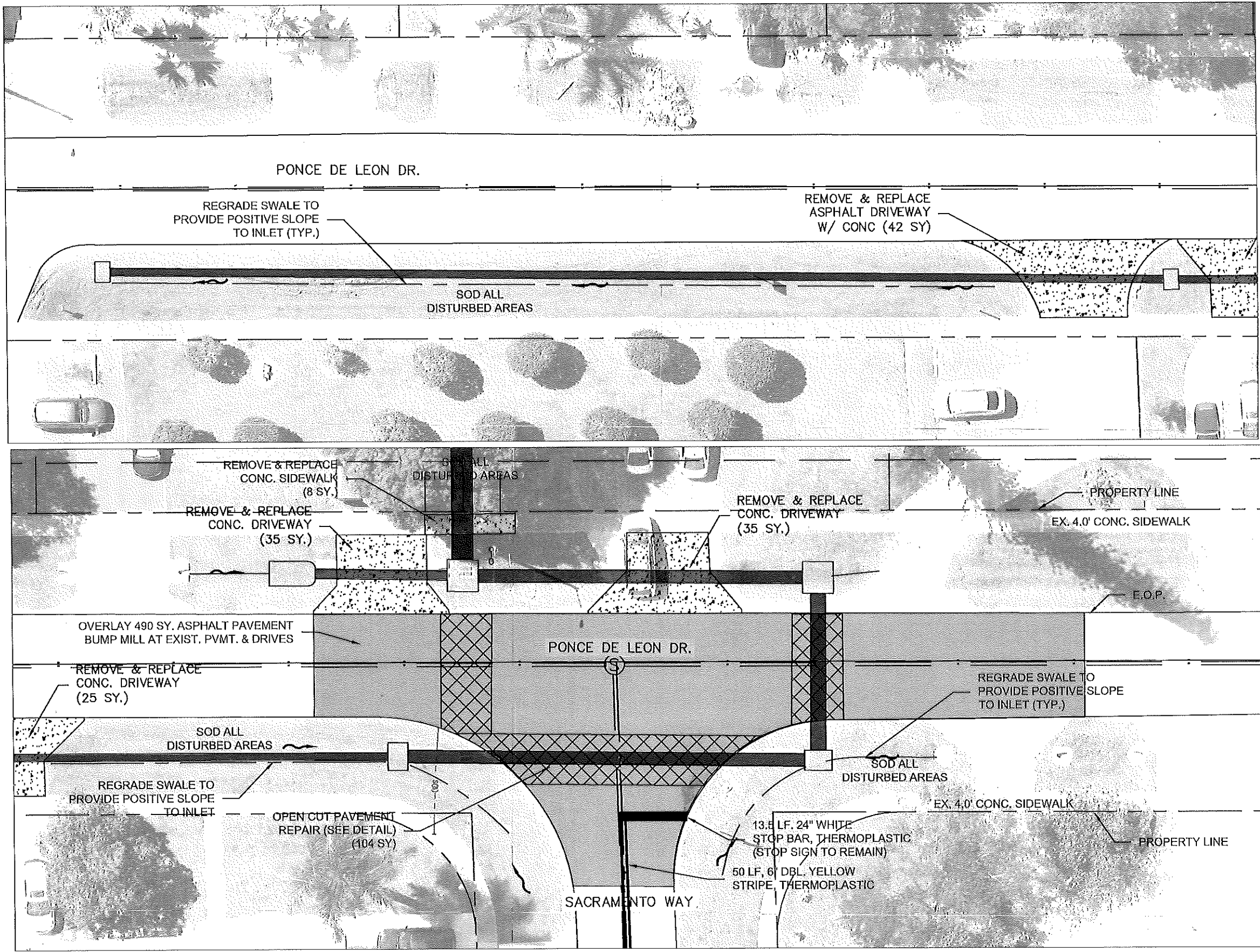
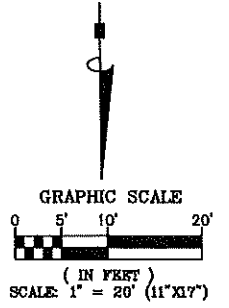
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Location No 1 - Restoration Plan

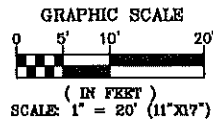
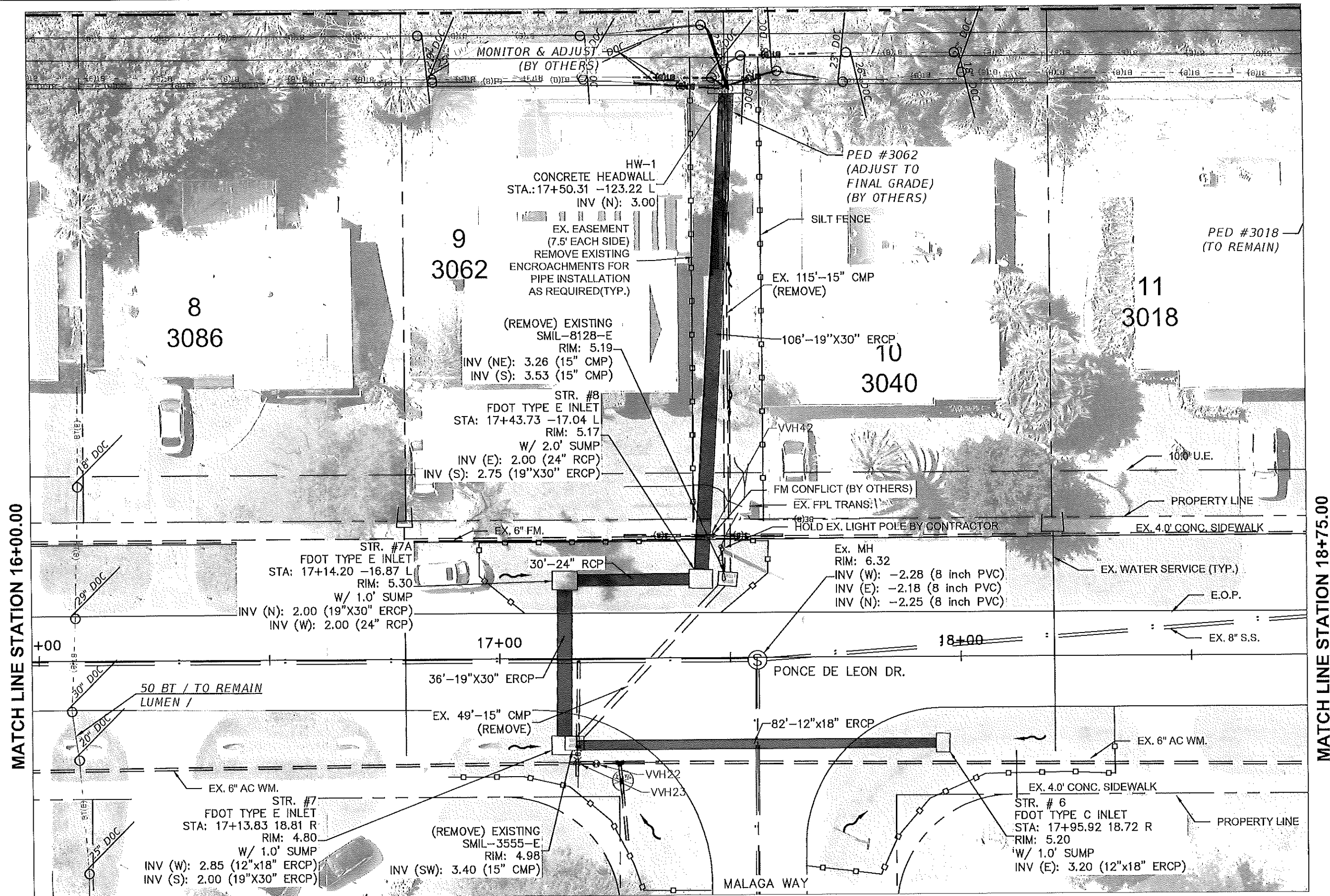
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Poinciana Village
Stormwater Improvements
Location No 2 - Plan View

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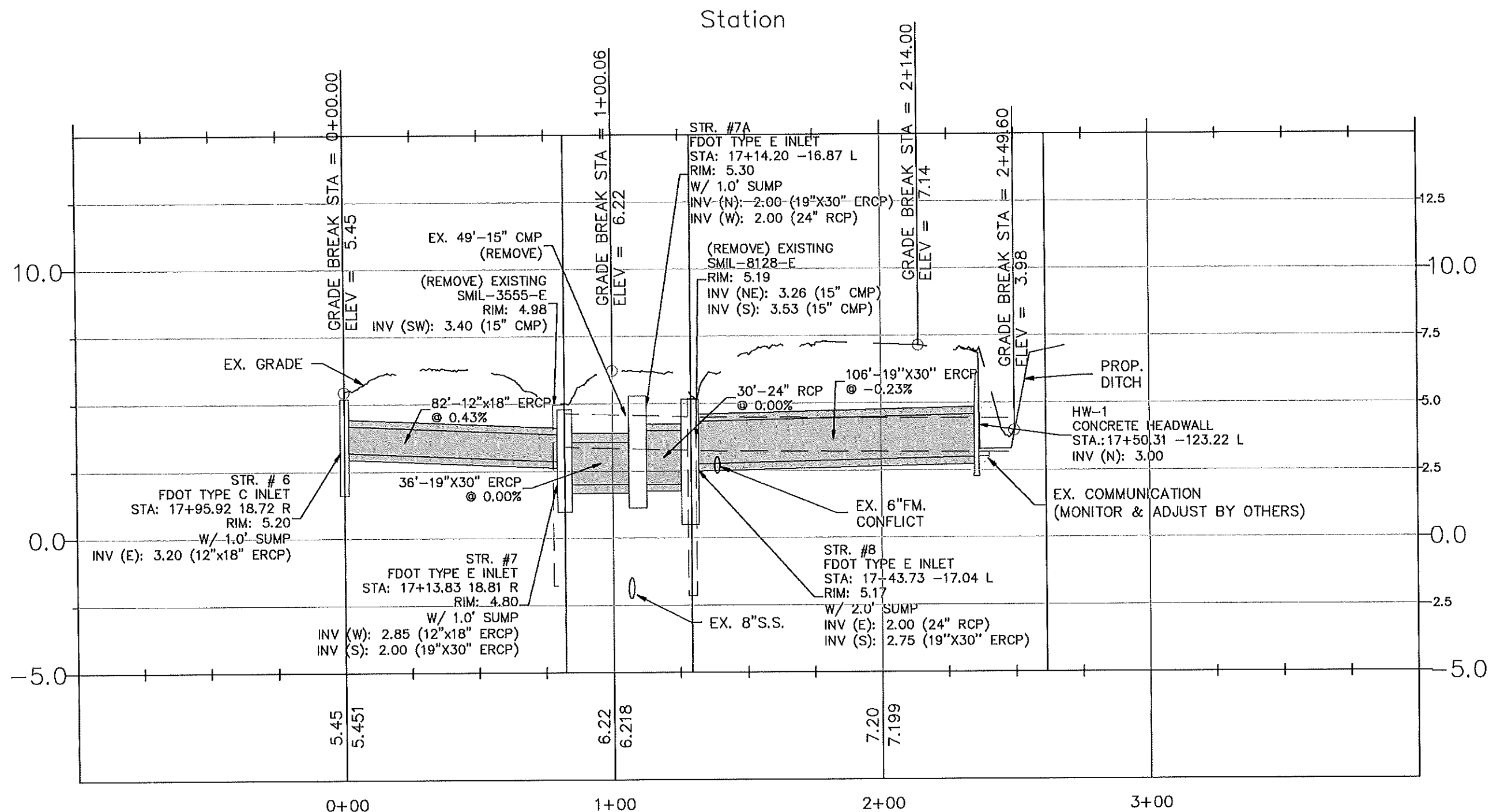
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Location 2 PROFILE



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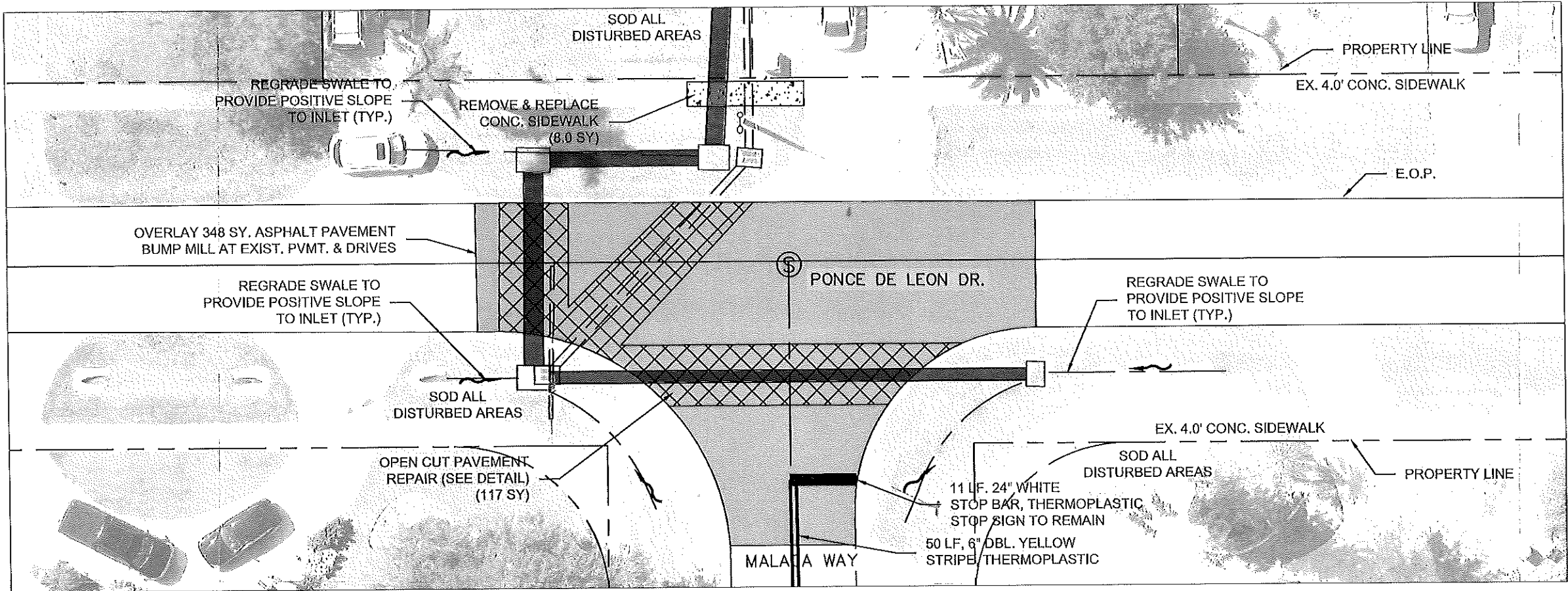
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Poinciana Village
Stormwater Improvements
Location No 2 - Profile View

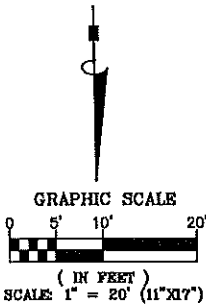
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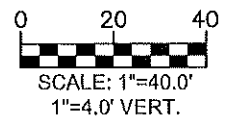
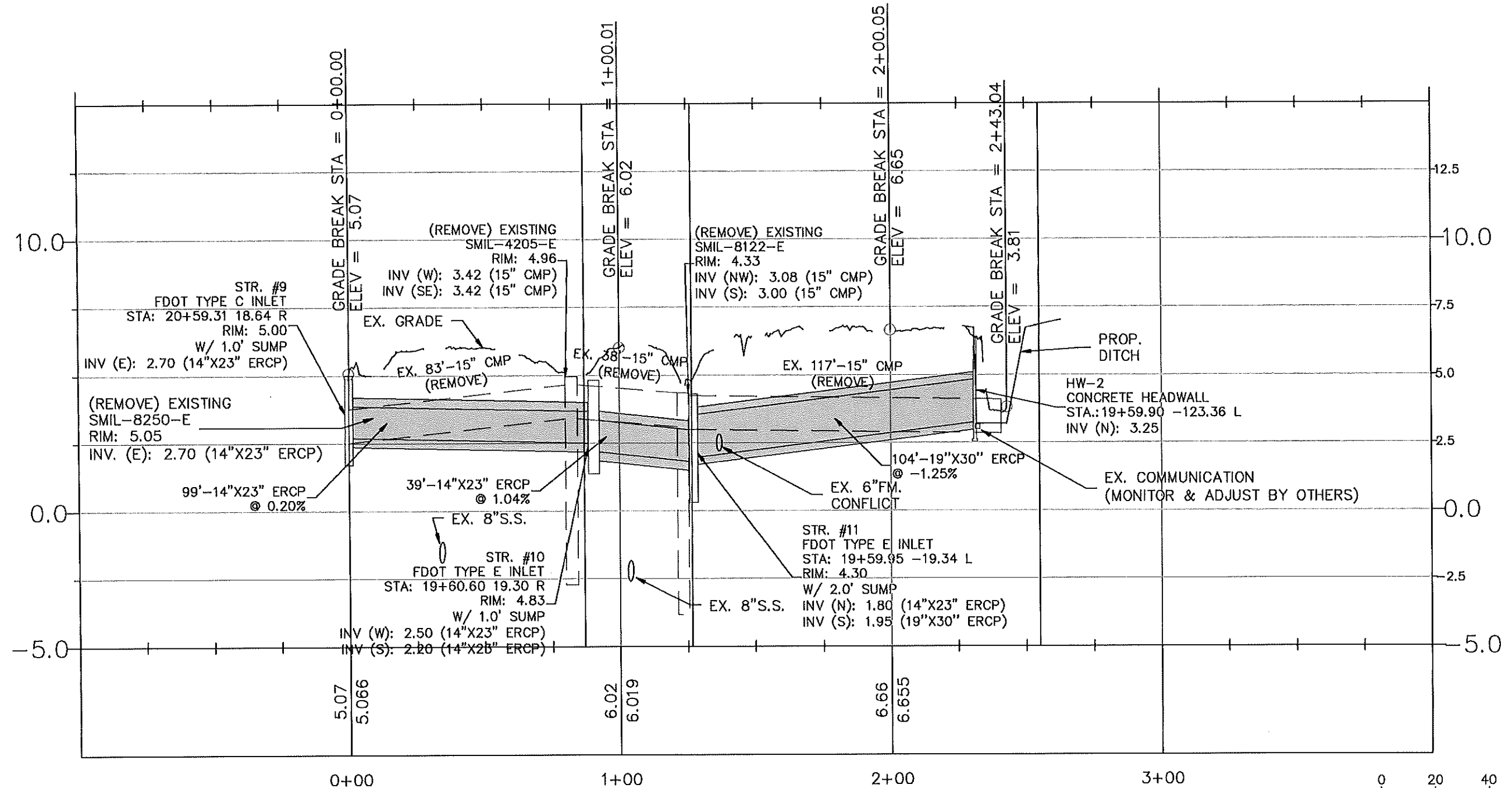
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Location 3 PROFILE

Station



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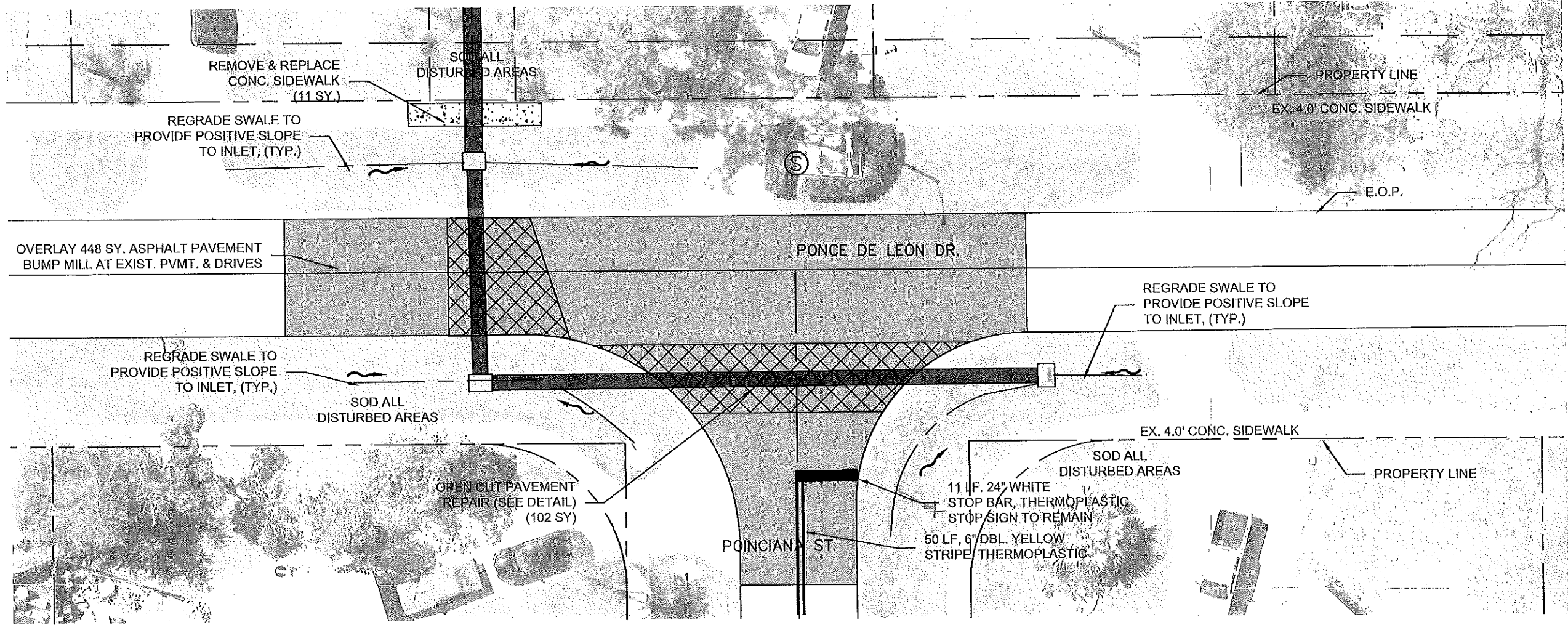


Poinciana Village
Stormwater Improvements
Location No 3 - Profile View

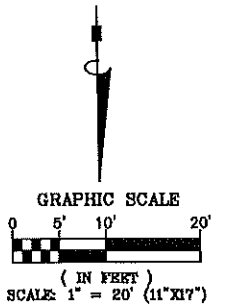
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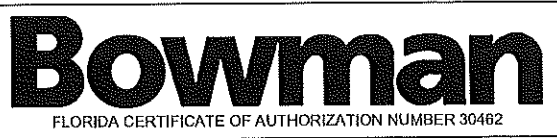


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Location No 3 - Restoration Plan

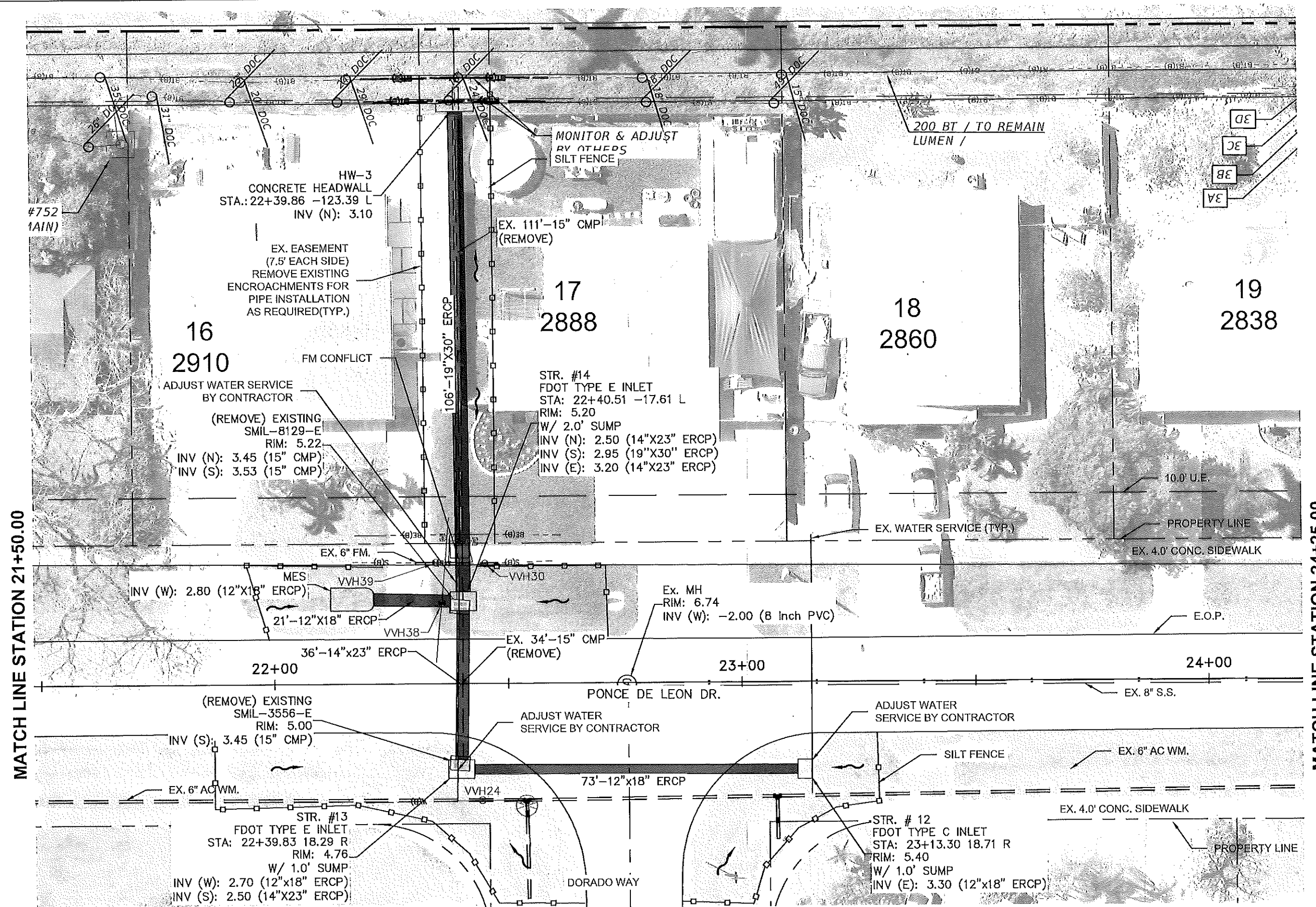
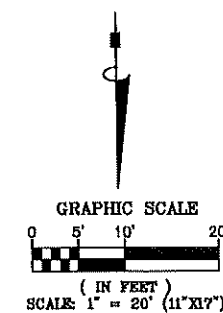
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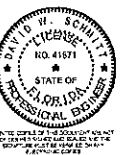
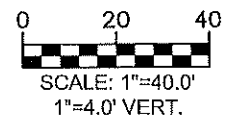
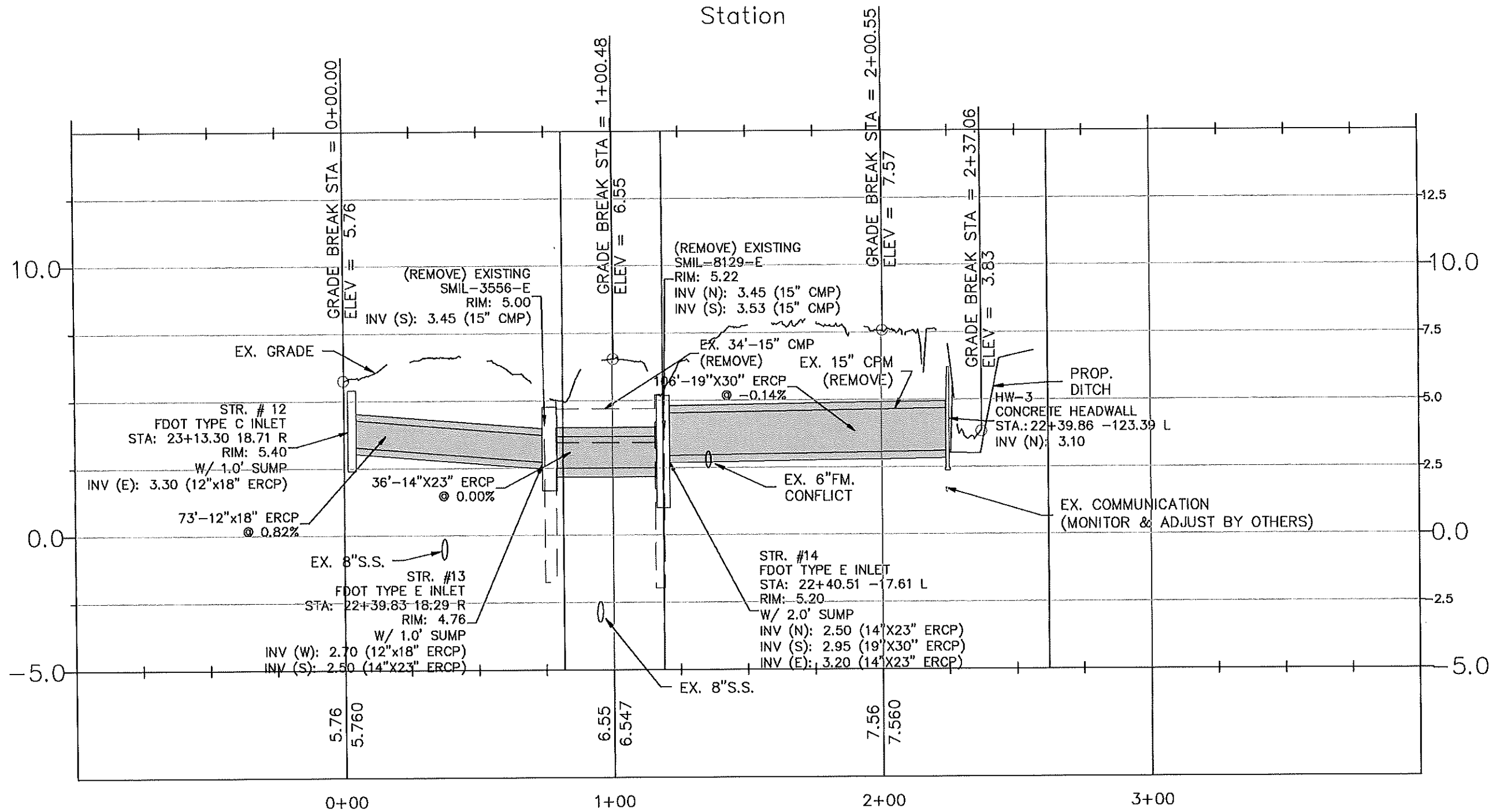


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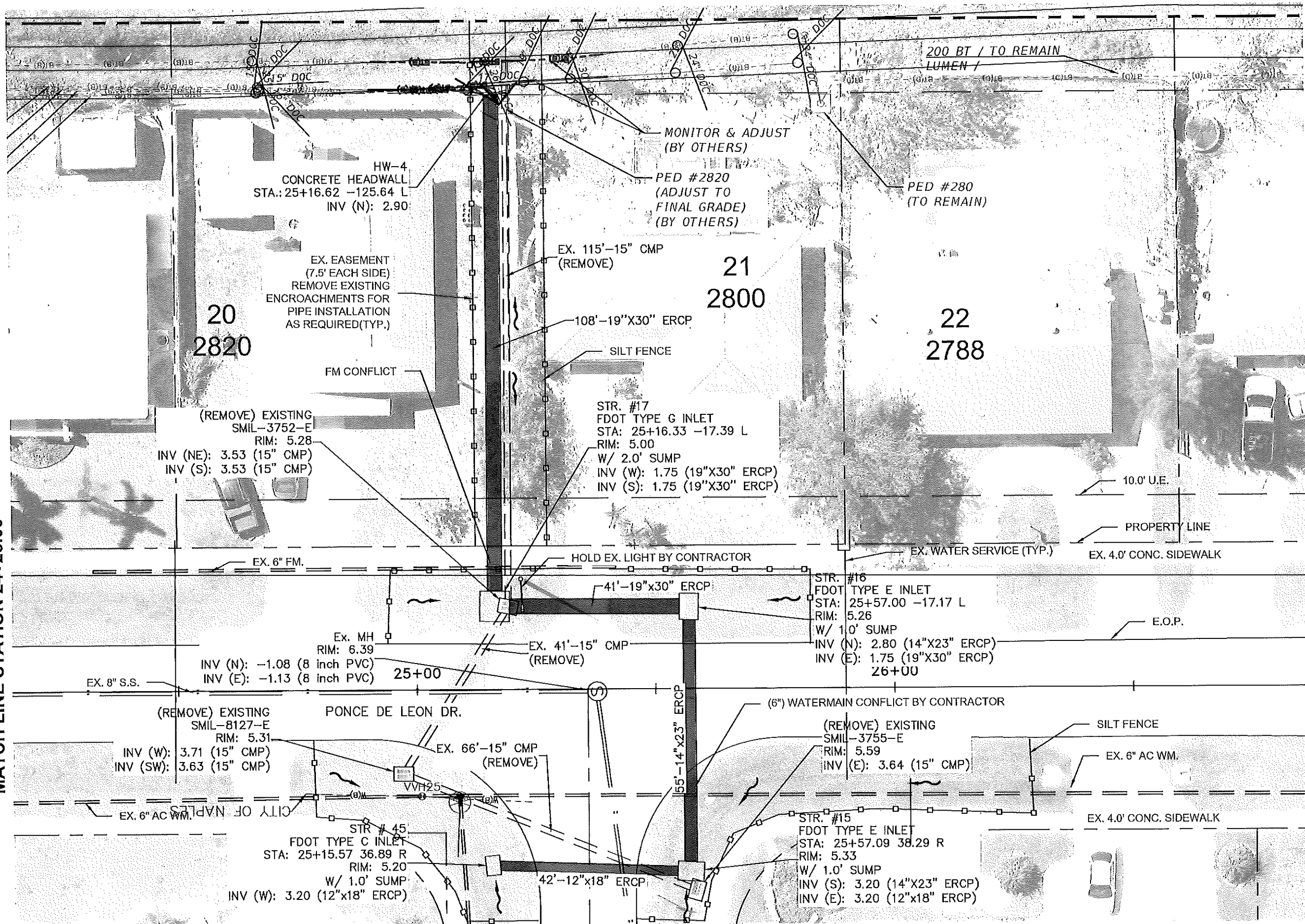
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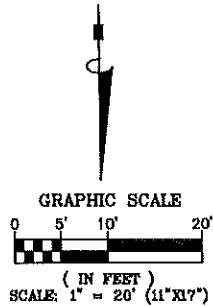
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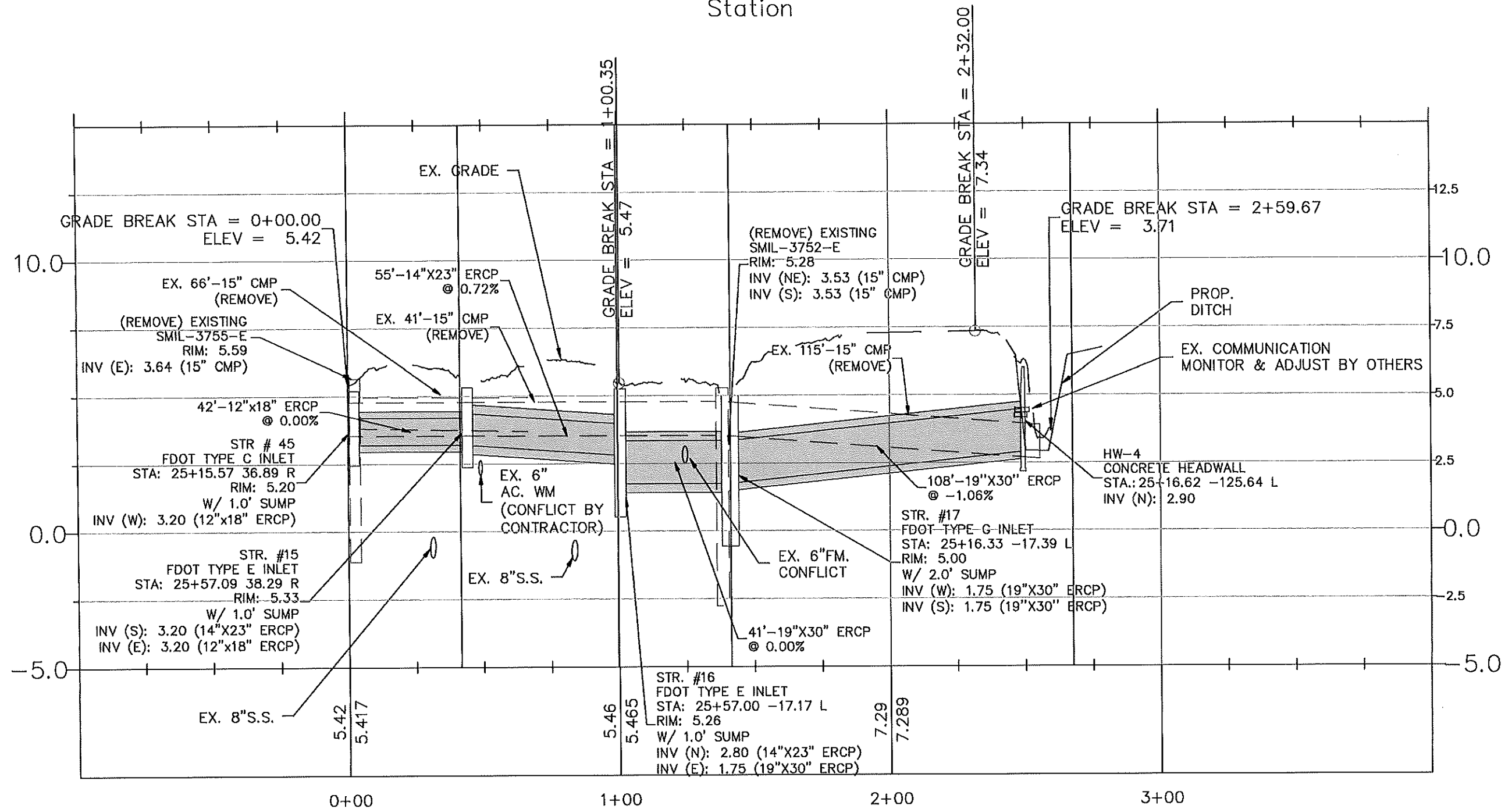
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Location 5 PROFILE

Station



0 20 40
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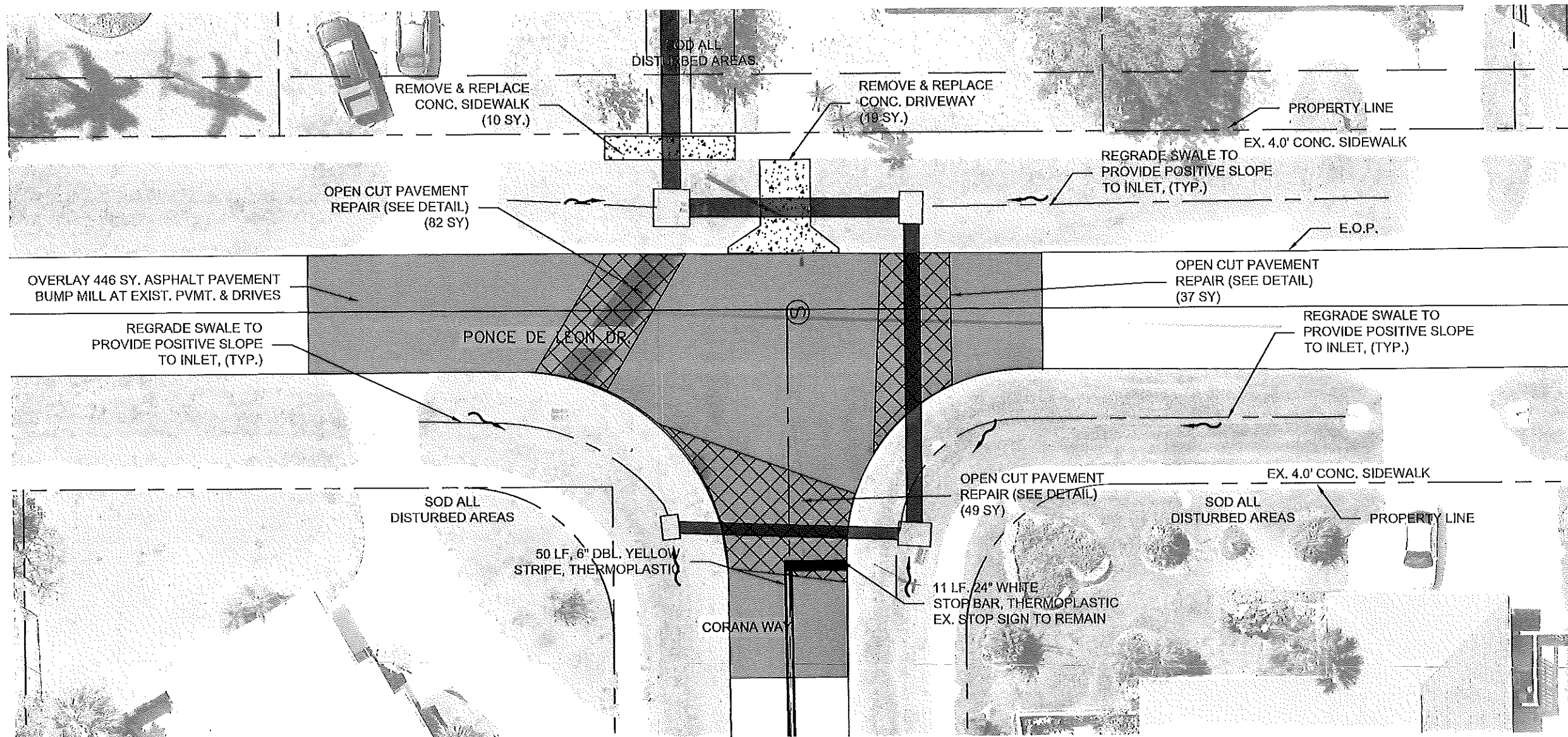
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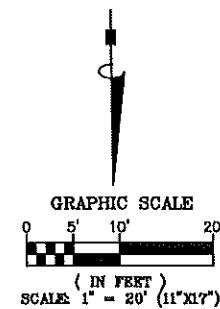
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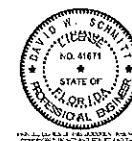
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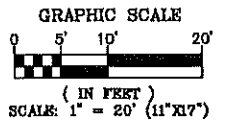
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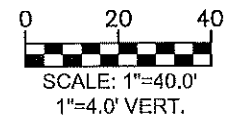
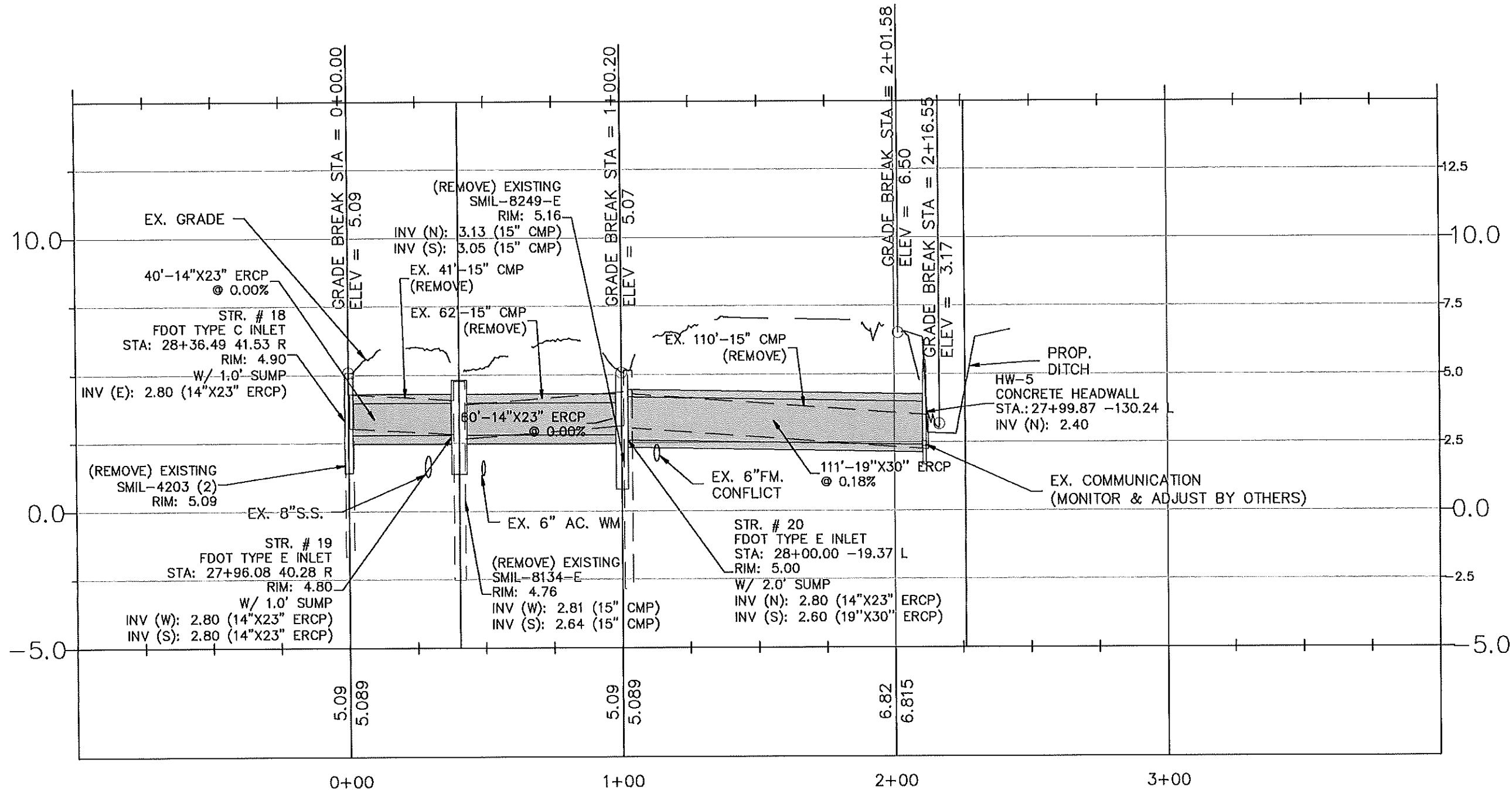
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Location 6 PROFILE

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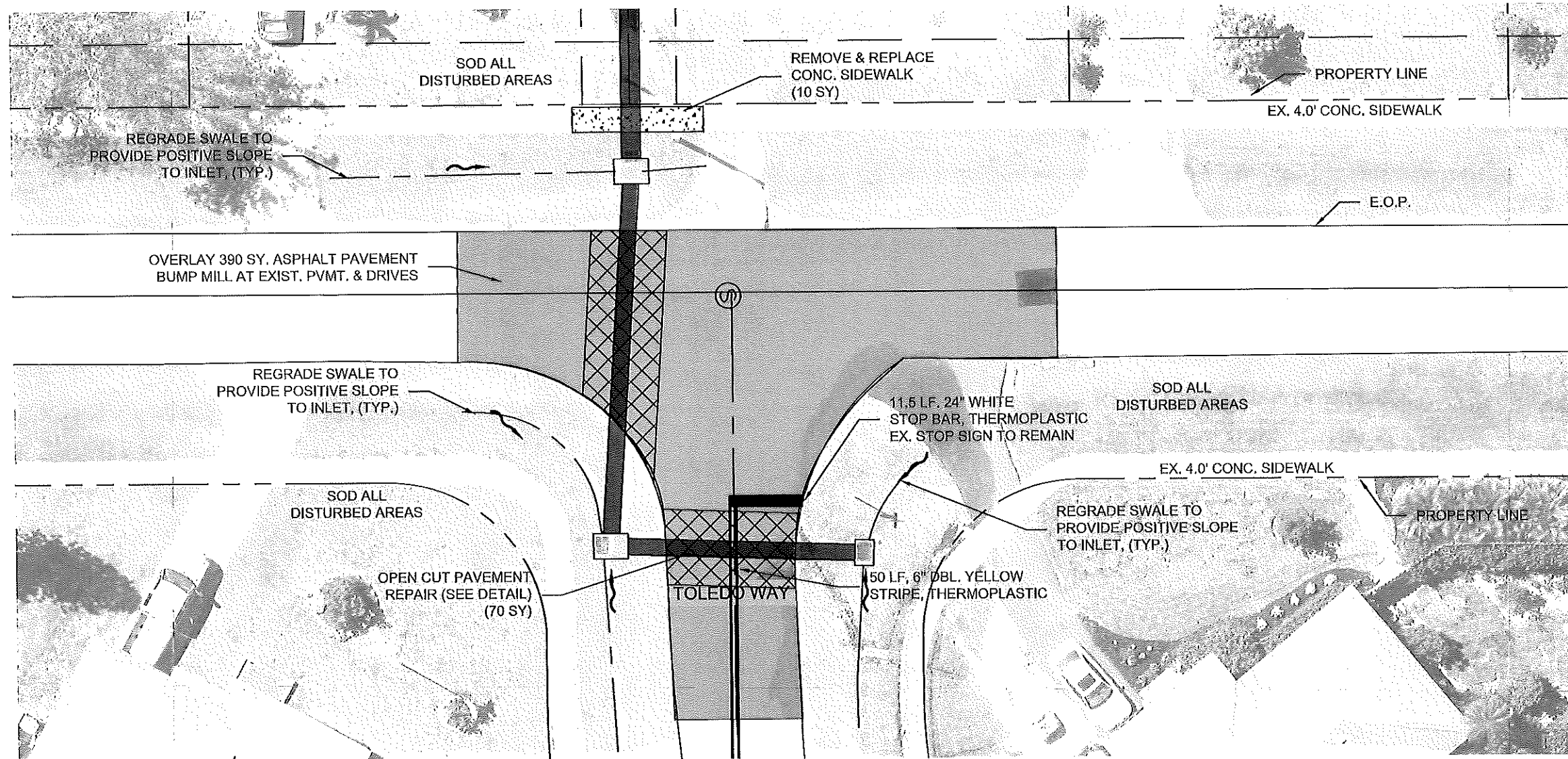


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Stormwater Improvements
Location No 6 - Profile View

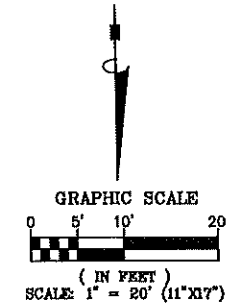
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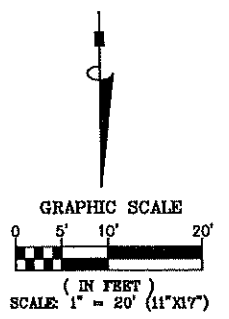
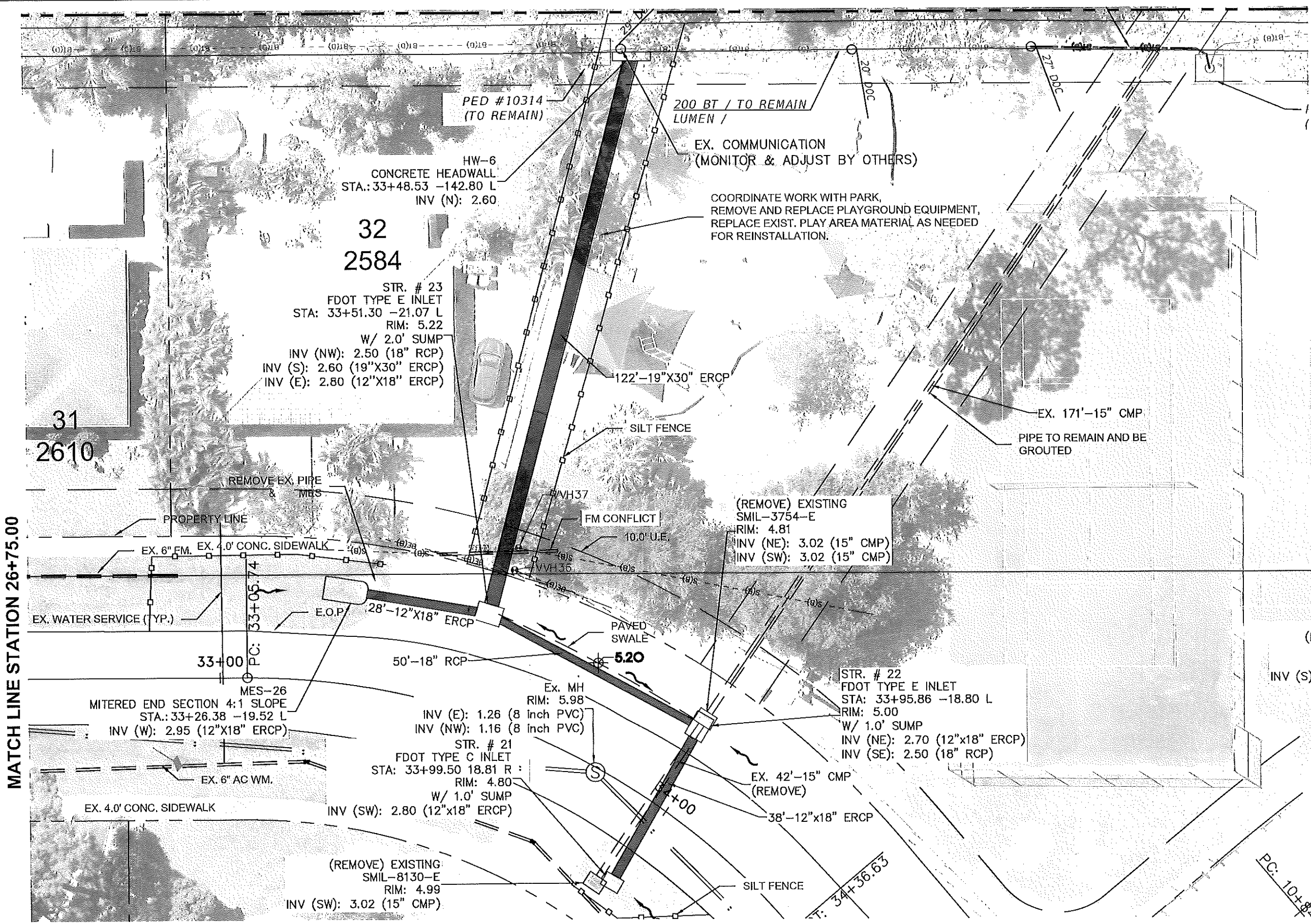


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Location No 6 - Restoration Plan

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Location No 7 - Plan View

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