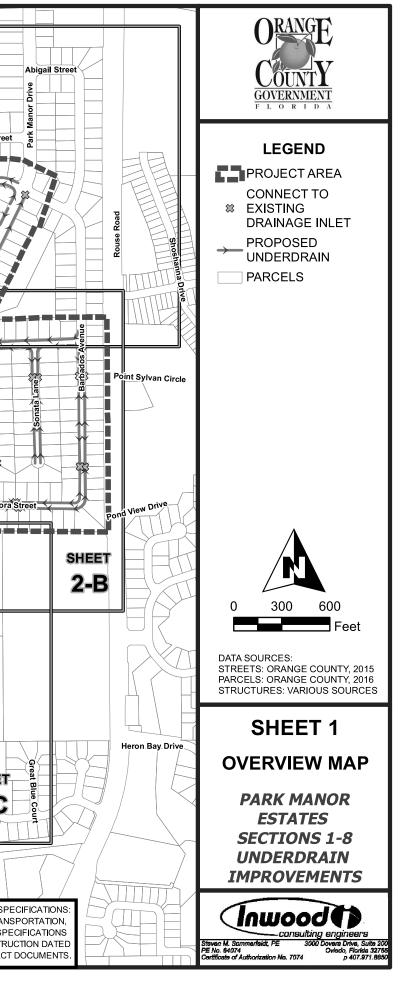
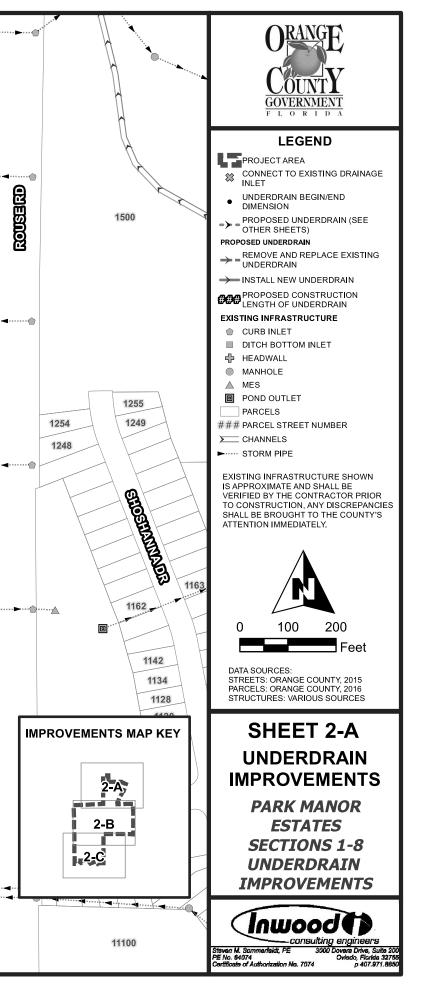
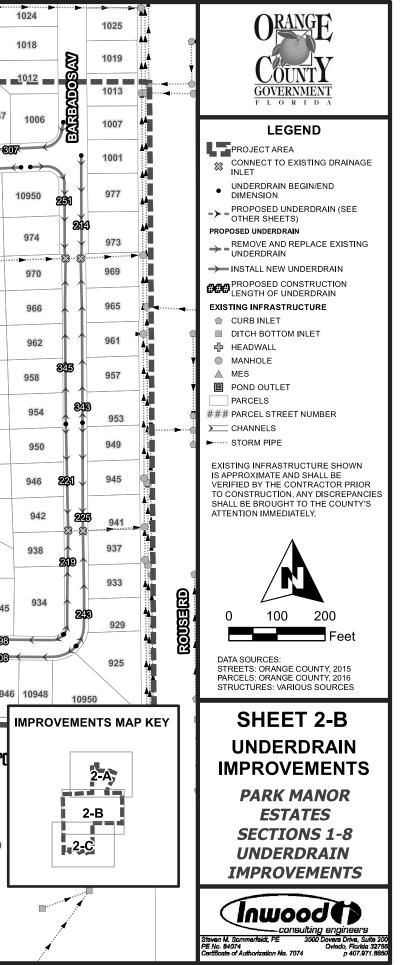
	SUMMARY OF PAY ITEMS*					INDEX OF SHEETS			
ITEM NUMBER	DESCRIPTION	UNITS	QUANTI PLANS	TY TOTAL	SHEE	T DESCRIPTION			
101-1	MOBILIZATION (5% OF ALL OTHER ITEMS)	LS	1		1	OVERVIEW MAP		SHEET	
<u>102-1</u> 104-1	MAINTENANCE OF TRAFFIC (5% OF ALL OTHER PAY ITEMS) PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION	LS LS	1		2A	IMPROVEMENTS RECOMMENDATION	MAP ladia Avenu		
104-1	CLEARING AND GRUBBING	LS	1		2B	IMPROVEMENTS RECOMMENDATION		2-A	
270-9	SOIL CEMENT BASE (PRIMED)(9")(350 PSI)	SY	230		2C	IMPROVEMENTS RECOMMENDATION			
334-1-12A	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B) (SP-9.5) (1 1/2")	SY	710		s / 3	SUMMARY OF QUANTITIES			
334-1-12B	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B) (SP-12.5) (1 1/2")	SY	230		s/ <u> </u>	UNDERDRAIN TYPICAL SECTION		e e	Genevieve Str
440-1-60	UNDERDRAIN, SPECIAL, PERFORATED (8" DIA.)	LF	39,600		5	GENERAL NOTES			Genevieve Sti
520-1-10	CONCRETE CURB AND GUTTER, DROP CURB	LF	360		6	MISCELLANEOUS DETAILS		L L L L L L L L L L L L L L L L L L L	
522-1	CONCRETE SIDEWALK, 4" THICK	SY	190			MISCELLANEOUS DETAILS	Allishe	im Avenue	
<u>522-2</u> 570-1	CONCRETE SIDEWALK AND DRIVEWAY, 6" THICK (FOR DRIVEWAYS) PERFORMANCE TURF, SOD	SY SY	9,200 30,300					Ū	Dominico Street
900-1	AS-BUILT PLANS	LS	30,300		-				
900-2	INDEMNIFICATION	LS	1						
	ITITIES ARE APPROXIMATE BASED ON 700 SERIES DESIGN LEVEL OF DETAIL AND ARE EXPECT		UCTUATE E	BASED ON					B Exuma Street
	LD CONDITIONS AND FINAL CONSTRUCTION QUANTITIES. PAYMENT WILL BE BASED ON APP					Elower			define the second secon
PAY ITEM N									<u> </u>
101-1	INCLUDES ALL APPLICABLE SURVEY COSTS AND COSTS NECESSARY FOR A VIDEO SU THE WORK SITE/AREA SHALL BE VIDEOED (CD) PRIOR TO WORK COMMENCEMENT AND AFTER WORK IS COMPLETED. THIS VIDEO WILL BE TAKEN BY THE CONTRACTOR, AND BE SUBMITTED ON CD TO THE COUNTY WITH THE FINAL PAY REQUEST. INCLUDES AL EFFORTS NECESSARY TO CONSTRUCT AND DISMANTLE A TEMPORARY STAGING AREA , NEEDED TO ACCOMMODATE TYPICAL WET SEASON RAINFALL EVENTS OCCURRING DUR CONSTRUCTION.	D SHALL .L AS			Culve	Coconut Grove Lane		Fernando Street	
102-1	INCLUDES ALL NECESSARY TRAFFIC CONTROL DEVICES INCLUDING FLAGMEN, PILOT O AND VARIABLE MESSAGE BOARDS, IN ACCORDANCE WITH THE MANUAL ON UNIFORM T CONTROL DEVICES FOR STREETS AND HIGHWAYS (LATEST EDITION). CONTRACTOR SF SECURE CONSTRUCTION SITE (I.E. TEMPORARY PEDESTRIAN SAFETY FENCING, BARRI SIGNS, ETC.) IN ORDER TO PREVENT PEDESTRIANS FROM ACCESSING WORK AREAS.	RAFFIC IALL					Narcissus. Lane	alphining of the second	Buttercup Lane Scanda the
104-1	INCLUDES THE COST OF ALL ITEMS REQUIRED FOR EROSION CONTROL INCLUDING, BU LIMITED TO, SYNTHETIC BALES, TURBIDITY BARRIERS, SILT FENCE, AND TEMPORARY GRASSING, AS SHOWN IN THE PLANS OR AS DIRECTED BY THE COUNTY.		Lehmar	n Road					
110-1-1	INCLUDES, BUT IS NOT LIMITED TO, THE SAWCUT, REMOVAL AND DISPOSAL OF EXIS PAVEMENT, DRIVEWAY CONCRETE, CURB AND BASE REQUIRED TO CONSTRUCT THE PA INCLUDES THE REMOVAL OF UNDERDRAIN. INCLUDES THE TRANSPORT AND DISPOSA REMOVED MATERIALS TO AN APPROVED ORANGE COUNTY DISPOSAL SITE YARD OR AS DIRECTED BY THE COUNTY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE OR BETTER ANY DAMAGED FENCING, DAMAGED MAILBOXES OR ANY OTHER PRIVATE F DISTURBED DURING CONSTRUCTION. INCLUDES THE COST OF RESIDENT NOTIFICATIO TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY ALL RESIDENTS THE WORK AREA AS TO WHEN THE WORK WILL TAKE PLACE AND EXPLAIN THE LEVE INCONVENIENCE THAT WILL BE INVOLVED. THIS NOTIFICATION SHALL TAKE PLACE DAYS PRIOR TO COMMENCEMENT OF ANY WORK IN THAT AREA. THE NOTIFICATION WI BY AN APPROVED DOOR HANGER TO BE PLACED ON EACH HOUSE AND ANY VEHICLES ON THE ROADWAYS.	ROJECT. L OF ALL NOF ALL ROPERT N PRIOR WITHIN L OF IVE (5) L BE	Y				Crocus Si pleasing age	treet Bresslyn Bouleval	d 2
440-1-60	PAYMENT FOR UNDERDRAINS INCLUDES, BUT IS NOT LIMITED TO, THE COST FOR PIF PERFORATED AND NON-PERFORATED FITTINGS, AGGREGATE, FILTER FABRIC, UNDERL CLEANOUTS, UNDERDRAIN OUTLET PIPE, JUNCTION BOXES, CONCRETE APRONS, AND S INTO DRAINAGE STRUCTURES. ALSO INCLUDES THE COST TO COORDINATE WITH UTIL OWNERS AND FIELD ADJUST UNDERDRAIN TO AVOID IMPACTS WITH UTILITIES AND P PROPERTY	ORAIN STUBBING ITY						Eastview Drive	Park Manor
520-1-10	INCLUDES THE COST OF ALL MATERIALS, LABOR AND EQUIPMENT REQUIRED FOR CONSTRUCTION OF CURB AND GUTTER.			un				Godfrey Lane	
570-1	INCLUDES THE COST OF PEGGING, FERTILIZER AND WATER AS REQUIRED FOR ESTABLISHMENT OF PERMANENT SODDING. SOD PLACED ON ALL SLOPES 1:3 OR STEL SHALL BE PEGGED. ALSO INCLUDES THE COST OF TOPSOIL TREATMENT ON ALL PERM GRASS AREAS AND MOWING UNTIL THE FINAL PROJECT ACCEPTANCE BY THE COUNTY	1ANENT	TWI995		Jep	pson Street	Jonathan Driv		
			Westley Way	44					SHEE 2=0
SPECIF APPLIC UNIFORM MAINTENAN	CERTIFICATION TO PLANS S TO CERTIFY THAT THE CONSTRUCTION PLANS AND ICATIONS AS CONTAINED HEREIN WERE DESIGNED TO ABLE STANDARDS AS SET FORTH IN THE "MANUAL OF MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND CE FOR STREETS AND HIGHWAYS", STATE OF FLORIDA, AS	Cedarhui	rst Avenue				6 Tage	Regency, Street	
	ED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION ALLAHASSEE, FLORIDA, DATED LATEST EDITION.	enwood Wa			ADDRE	'ERE PREPARED ACCORDING TO AVAILAB SS CONDITIONS AS THEY EXISTED AT THE CONDITIONS AND OWNERSHIP OF PROPE	TIME OF PLANS	PREPARATION.	GOVERNING STANDARDS AND S
DATE:	ENGINEER: REG. NO STEVEN M. SOMMERFELDT, P.E.	64074	/re Driv		PROJEC NEEDS V SHALL W	T DESIGN. THE COUNTY'S REPRESENTATIN WITH THE PROPERTY OWNER OR THEIR RI /ORK WITH THE COUNTY'S REPRESENTATI AND CONDITIONS THAT MAY HAVE CHANG	/E WILL ADDRES EPRESENTATIVE: VE IN ADDRESSI	S CHANGES AND S. CONTRACTOR NG AND MEETING	FLORIDA DEPARTMENT OF TRA DATED 2016, AND STANDARD S FOR ROAD AND BRIDGE CONSTI 2016, AS AMENDED BY CONTRA

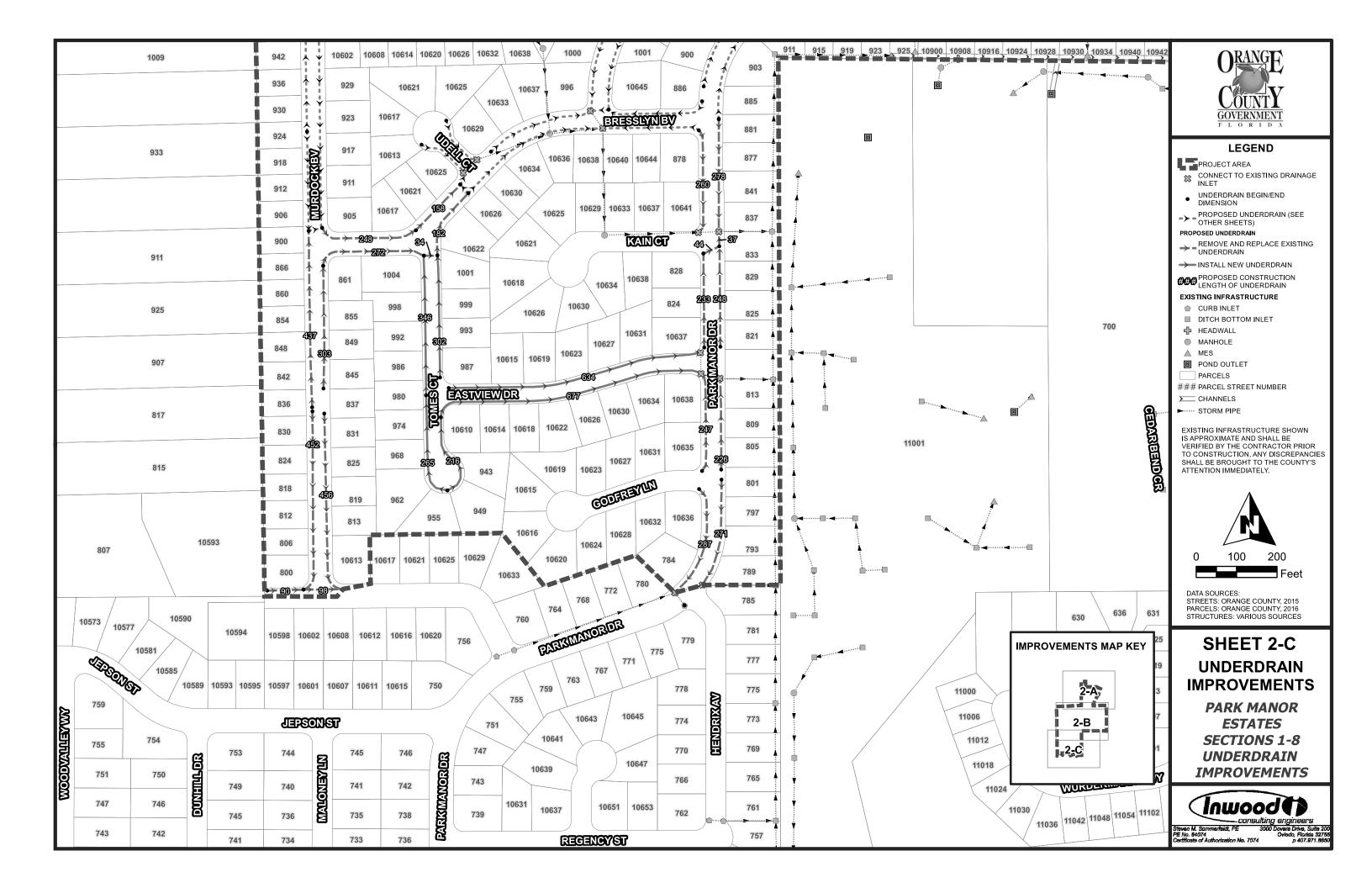


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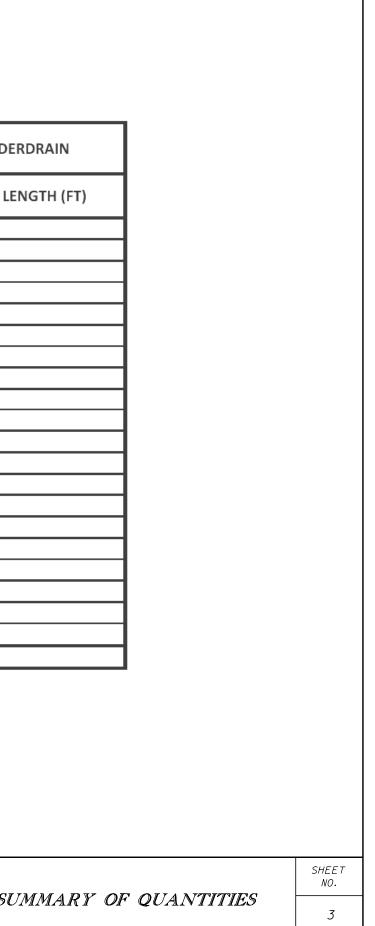


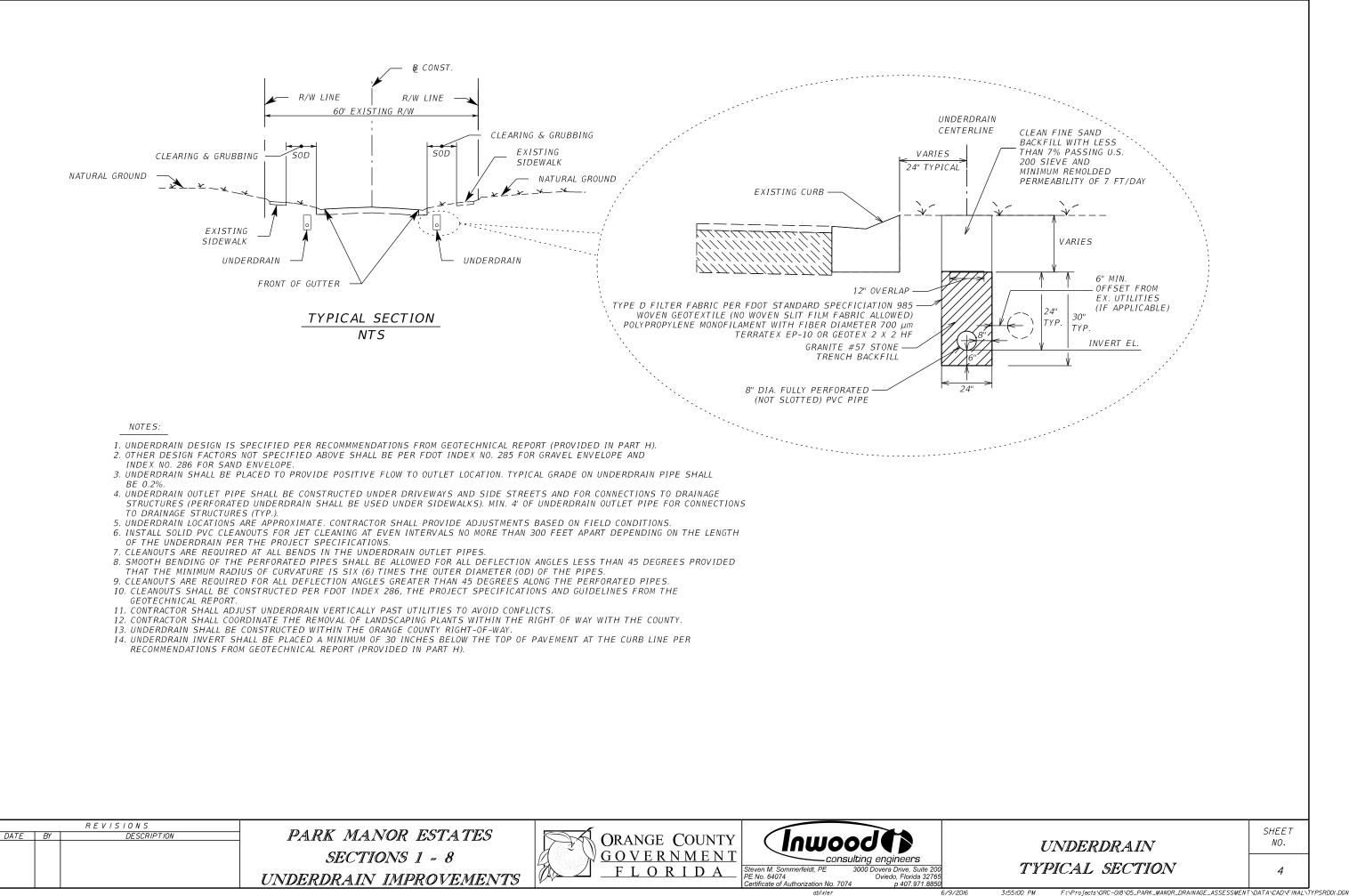
STREET	SUMMARY OF DR REPLACEMENT (6		SUMMARY OF S REPLACEMENT (		SUMMARY OF UNDE		
SIREE	# OF DRIVEWAYS	AREA (SY)	# OF IMPACTED SIDEWALKS	AREA (SY)	TOTAL UNDERDRAIN LE		
BARBADOS AV	25	638	0	0	2,061		
BRESSLYN BV	17	394	0	0	2,151		
BUTTERCUP LN	22	401	1	32	2,110		
DELPHINIUM DR	17	274	0	0	1,458		
DOMINICO ST	14	281	0	0	1,272		
EASTVIEW DR	14	312	0	0	1,311		
EXUMA ST	10	203	0	0	887		
FERNANDO ST	36	666	2	96	4,261		
GRAYSON DR	30	542	1	32	2,557		
JONATHAN DR	0	0	0	0	188		
MURDOCK BV	51	992	0	0	4,480		
NARCISSUS LN	21	336	0	0	1,912		
PARK MANOR DR (NORTH)	41	839	0	0	3,901		
PARK MANOR DR (SOUTH)	29	701	0	0	3,256		
ROBERTA AV	27	506	0	0	2,079		
SCANDIA LN	21	469	1	24	1,463		
SONATA LN	18	853	0	0	1,383		
TANGORA ST	17	348	0	0	1,472		
TOMES CT	14	405	0	0	1,129		
UDELL CT	0	0	0	0	264		
TOTALS:	424	9,159	5	184	39,595		

NOTE:

QUANTITIES ARE APPROXIMATE BASED ON 700 SERIES DESIGN LEVEL OF DETAIL AND ARE EXPECTED TO FLUCTUATE BASED ON ACTUAL FIELD CONDITIONS AND FINAL CONSTRUCTION QUANTITIES.

DATE	BY	R E V I S I O N S DESCRIPTION	PARK MANOR ESTATES	ORANGE COUNTY		
			SECTIONS 1 - 8	$\bigcup GOVERNMENT$	consulting	g engineers
			UNDERDRAIN IMPROVEMENTS	$\prod_{i=1}^{n} \prod_{i=1}^{n} \prod_{i$	Steven M. Sommerfeldt, PE 3000 i PE No. 64074 Certificate of Authorization No. 7074	Dovera Drive, Suite 200 Oviedo, Florida 32765 p 407.971.8850
					abixler	6/9/2016





UNDERDRAIN	IMPROVEMENTS

- 1. ALL PERSONAL PROPERTY, WITHIN THE DRAINAGE EASEMENTS AND RIGHTS-OF-WAY NOT RELOCATED BY THE PROPERTY OWNER SHALL BE RELOCATED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS. PAYMENT WILL BE INCLUDED IN CLEARING AND GRUBBING.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO THE TURF, CURBS, MAILBOXES, SIGN POSTS AND BASES, DELINEATOR POSTS, FENCES (INCLUDING ELECTRONIC), GUY-WIRES, LANDSCAPED AREAS, SPRINKLERS, PRIVATE DRAINS, PAVEMENT ASPHALT (ASPHALT REPAIRS SHALL FOLLOW FDOT SPECIFICATIONS OR AS OTHERWISE INSTRUCTED BY THE COUNTY'S REPRESENTATIVE), ETC. THAT ARE NOT INCLUDED AS PART OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING IT TO ITS ORIGINAL CONDITION AND/OR REPLACEMENT THEREOF, PRIOR TO THE END OF THE PROJECT. RUT DAMAGED AREAS SHALL BE CUT-OUT, BACKFILLED WITH CLEAN FILL DIRT AND APPROPRIATE SOD SHALL BE PUT BACK. DISTURBED AREAS THAT ARE MORE THAN 4-INCHES WIDE SHALL BE RESTORED TO ORIGINAL CONDITION BY REMOVING 1-FOOT ALONG THE AREA AND RE-SODDING WITH ADEQUATE IN-KIND SOD. SODDED AREAS SHALL BE MAINTAINED AS SPECIFIED HEREIN. ALL DISTURBED LOCATIONS LESS THAN 4-INCHES WIDE ALONG SIDEWALKS SHALL BE BACKFILLED WITH CLEAN BLACK FILL DIRT. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR FOR REPAIRS TO DAMAGES AS SPECIFIED ABOVE. THE SOD SHALL BE WATERED FOR A MINIMUM OF THIRTY (30) DAYS AFTER INSTALLATION TO ENSURE A HEALTHY CONDITION AFTER CONSTRUCTION IS COMPLETED. FINAL INSPECTION MUST REVEAL A WELL-ESTABLISHED STAND AND ROOT SYSTEM. IF SOD HAS NOT ESTABLISHED ITSELF AT THE END OF THIS PERIOD THE CONTRACTOR SHALL REPLACE IT AT NO ADDITIONAL COST TO THE COUNTY.
- 3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR MAINTAINING IN GOOD CONDITION ALL CULTIVATED GRASS PLOTS, TREES AND SHRUBS AFFECTED BY THE WORK. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION, ALL MAINTAINED 14. THE CONTRACTOR SHALL NOTIFY UTILITIES 72 HOURS PRIOR TO EXCAVATION IN SHRUBBERY AND GRASS STRIPS THAT ARE REMOVED OR DESTROYED DUE TO CONSTRUCTION OPERATIONS. WITH PRIOR COUNTY APPROVAL, ALL EXISTING TREES OR TREE LIMBS INTERFERING WITH INSTALLATION, WITHIN THE RIGHT-OF-WAY, ARE TO BE NEATLY TRIMMED OR REMOVED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF THE UNDERDRAIN. ALL DISTURBED AREAS SHALL BE SODDED TO MATCH EXISTING SOD AND OF THE SAME TYPE UNLESS OTHERWISE DIRECTED BY THE COUNTY REPRESENTATIVE. SOD PLACED ADJACENT TO THE ROAD SHALL BE PLACED ONE (1) INCH BELOW THE TOP OF THE ROAD SURFACE. COST TO BE INCLUDED IN CONTRACT UNIT PRICE FOR SOD.
- 4. INSTALL TOPSOIL TREATMENT ON ALL PERMANENT GRASS AREAS. COST TO BE INCLUDED IN CONTRACT UNIT PRICE FOR SOD.
- 5. PEGGED SOD TO BE PLACED ON ALL SLOPES 1:3 OR STEEPER.
- 6. THE CONTRACTOR SHALL DISPOSE OF DEBRIS ONLY IN A COUNTY APPROVED LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS IN EFFECT AT THE TIME OF DISPOSAL. COST INVOLVED WITH THE DISPOSAL OF THE DEBRIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL UNSUITABLE MATERIAL DURING THE INSTALLATION OF THE UNDERDRAIN. THE COUNTY MAY REQUEST RECEIPTS AT ANY TIME DURING THE CONTRACT SHOWING THE LOCATION OF THE DISPOSAL SITES FOR REMOVED MATERIAL.
- 8. THE CONTRACTOR SHALL KEEP THE WORK AREA FREE FROM ACCUMULATIONS OF WASTE MATERIALS, RUBBISH AND DEBRIS. ALL TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, AND SURPLUS MATERIALS SHALL BE KEPT UNDER CONTROL, AND SHALL LEAVE THE WORK SITE CLEAN AND READY FOR OCCUPANCY BY THE COUNTY. ALL APPLICABLE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S REGULATIONS SHALL BE FOLLOWED AT ALL TIMES.
- 9. INLET OPENINGS SHALL BE KEPT FREE FROM THE DEBRIS GENERATED DURING OPERATIONS. THE CONTRACTOR SHALL USE BETTER MANAGEMENT PRACTICE (BMP'S) AND MUST BE PLACED IN FRONT OF ALL INLET OPENINGS WITHIN THE WORK ZONE. THESE AREAS SHALL BE MAINTAINED ON A DAILY BASIS. CONCRETE SHALL NOT BE WASHED INTO DRAINS OR STORM DRAIN INLETS AT ANY TIME. FAILURE TO ADHERE TO THIS SHALL RESULT IN A REQUEST TO JET OUT AFFECTED PIPES AND DRAINS AT CONTRACTOR'S EXPENSE OR REIMBURSING THE COUNTY FOR THE CLEAN-UP EFFORT CARRIED OUT BY COUNTY PERSONNEL.
- 10. THE CONTRACTOR SHALL RESTORE TO THE ORIGINAL CONDITION THOSE PORTIONS OF THE WORK SITE NOT DESIGNATED FOR ALTERATION BY THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE COUNTY.

## GENERAL NOTES:

- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION DISRUPTION OF SERVICE. OR CLARIFICATION OF UTILITY ACTIVITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING A UTILITY, WHETHER UNDERGROUND OR OVERHEAD, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANY DURING THE REMOVAL AND RELOCATION OPERATIONS, IN ORDER THAT THESE OPERATIONS MAY PROGRESS IN A REASONABLE MANNER AND THAT SERVICE RENDERED BY THESE PARTIES WILL NOT BE INTERRUPTED. ANY DELAY OR INCONVENIENCE BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATES OF UTILITIES PRIOR TO STARTING OPERATIONS. TICKETS SHALL BE KEPT ON SITE AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY RESIDENTS OF ANY DAMAGES (IRRIGATION, UTILITIES, ETC.) AND SHALL REPAIR DAMAGES IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS FOR A PERIOD OF SIX (6) MONTHS AFTER ACCEPTANCE OF THE PROJECT AND WILL BE REQUIRED TO CORRECT ANY FAILURES TO REPAIRED ITEMS AND/OR DAMAGES RELATED TO SUCH REPAIRS. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR FOR REPAIR TO DAMAGES AS SPECIFIED ABOVE.
- 13. PRIOR TO EXCAVATING IN THE VICINITY OF A GAS PIPELINE THE CONTRACTOR SHALL NOTIFY THE GAS UTILITY AND ORANGE COUNTY IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA STATUTES, PROTECTION OF UNDERGROUND PIPELINES, F.S. 553.851, CH. 77-143.
- ACCORDANCE WITH THE FLORIDA UNDERGROUND FACILITIES DAMAGE PREVENTION AND SAFETY ACT, F.S. 556.101-116. THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF WORK. SUNSHINE STATE ONE CALL OF FLORIDA (SSOCOF): 1-800-432-4770.
- 15. THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTES, CHAPTER 77-153, REGARDING NOTIFICATION OF EXISTING GAS AND OIL PIPELINE COMPANY OWNERS PRIOR TO EXCAVATING.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL MEASURES AND ANY DEWATERING AND WATER CONTROL PROCEDURES (INCLUDING PUMPING) REQUIRED FOR SUCCESSFUL COMPLETION OF THE UNDERDRAIN INSTALLATION. DAMAGES INCURRED DUE TO THE CONSTRUCTION OF THE UNDERDRAIN AND RELATED WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER BY THE CONTRACTOR AT NO COST TO THE COUNTY.
- 17. ANY DAMAGE TO CURBS, OTHER CONCRETE STRUCTURES AND ROADS RESULTING FROM THE CONTRACTOR'S OPERATIONS AND THAT ARE NOT DESIGNATED TO BE WITHIN THE SCOPE OF WORK AS PART OF THE UNDERDRAIN INSTALLATION SHALL BE REPLACED, NOT PATCHED OR REPAIRED, BY THE CONTRACTOR AT NO COST TO THE COUNTY. SUCH DAMAGED AREAS SHALL BE REPLACED IN ACCORDANCE WITH ORANGE COUNTY AND FDOT SPECIFICATIONS. UNLESS OTHERWISE SPECIFIED IN THIS CONTRACT OR WHERE AUTHORIZED BY THE COUNTY'S REPRESENTATIVE.
- 18. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSPECTION OF OPEN TRENCHES, UNDERDRAIN, PANELS, CURBS, AND OTHER WORK PRIOR TO BACKFILLING, POURING CONCRETE, AND RELATED ACTIVITIES FOR COMPLIANCE WITH REQUIRED DEPTH, WIDTH, THICKNESS, ROOT/DEBRIS REMOVAL, PROPER FRAMING, ETC. UNDERDRAIN SHALL BE BUILT IN STRICT COMPLIANCE WITH CONTRACT SPECIFICATIONS. ALL CONCRETE MUST BE POURED AT A UNIFORM THICKNESS AS SPECIFIED BY THE COUNTY'S REPRESENTATIVE (NO UNDER TOLERANCES WILL BE ALLOWED). THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL OF WORK DETERMINED NOT TO BE IN COMPLIANCE WITH THESE REQUIREMENTS AT NO COST TO THE COUNTY.
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION, CONTROL, AND ABATEMENTOF EROSION AND WATER POLLUTION. ALL ROADWAYS, DRIVEWAYS ETC., MUST BE KEPT CLEAN AND HAZARD FREE AT ALL TIMES. ROADWAYS MUST BE SWEPT DAILY TO ENSURE THE SAFETY OF THE MOTORING PUBLIC AND PROTECT EXISTING DRAINAGE SYSTEMS.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TESTING AND DENSITIES REQUIRED AS PER ORANGE COUNTY AND FDOT SPECIFICATIONS AT NO COST TO THE COUNTY.

- AND THE COUNTY.

- SPECIFICATIONS.
- OF TELEPHONE NOTIFICATION.

STATE GEODETIC ADVISOR c/o FDEP, BUREAU OF SURVEY AND MAPPING 3900 COMMONWEALTH BLVD., MS 105 TALLAHASSEE, FL 32399-300 PHONE 850-245-2606 FAX 850-245-2645

		REVISIONS				
DATE	BY	DESCRIPTION	PARK MANOR ESTATES	ORANGE COUNTY	∫ (Inwood)	
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			UNDERDRAIN IMPROVEMENTS	$\prod_{i=1}^{n} \prod_{i=1}^{n} \prod_{i$		ive, Suite 200 Florida 32765 407.971.8850
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21. THE CONTRACTOR SHALL FURNISH NECESSARY EQUIPMENT TO SATISFACTORILY PERFORM THE WORK REQUIRED UNDER THIS CONTRACT. THE CONTRACTOR SHALL ENSURE ALL EQUIPMENT USED IN THE PERFORMANCE OF THE CONTRACT ON COUNTY PROPERTY IS IN GOOD SAFE WORKING ORDER AND PROPERLY MAINTAINED IN ORDER TO PROTECT THE OPERATOR AND THE PUBLIC. ALL EQUIPMENT ONSITE (INCLUDING PICKUP TRUCKS) SHALL BE IDENTIFIED WITH THE COMPANY LOGO. LEASED EQUIPMENT SHALL HAVE MAGNETIC SIGNS.

22. ALL EQUIPMENT USED BY THE CONTRACTOR IS SUBJECT TO INSPECTION BY THE COUNTY'S REPRESENTATIVE. ANY EQUIPMENT ON SITE, WHICH IS DEEMED BY THE COUNTY'S REPRESENTATIVE TO BE INOPERABLE, UNSAFE, OR IMPROPER FOR DESIRED USE, MUST BE REMOVED FROM THE PREMISES BY THE CONTRACTOR AT HIS/HER EXPENSE THE SAME DAY OF THE COUNTY'S DETERMINATION.

23. THE CONTRACTOR IS REQUIRED TO USE AMBER FLASHING LIGHTS, BACK-UP ALARMS, ETC. ON ALL EQUIPMENT AND HIS/HER EMPLOYEES MUST BE PROVIDED WITH THE REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AS REQUIRED BY O.S.H.A.

24. EQUIPMENT AUTHORIZED BY THE COUNTY TO BE LEFT ON THE RIGHT-OF-WAY OR COUNTY PROPERTY AFTER DESIGNATED WORK HOURS SHALL BE PLACED OUTSIDE THE CLEAR AND RECOVERY AREA AND SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF EQUIPMENT IS LEFT ON THE RIGHT-OF-WAY. IT SHALL BE MARKED WITH BARRICADES WITH APPROVED STEADY BURNING AMBER LIGHTS.

25. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT CROSS SLOPE AND POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING OPEN CUT RESTORATION. AREAS DETERMINED NOT TO BE IN COMPLIANCE WITH THIS REQUIREMENT SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE COUNTY.

26. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENTS OF THE PROJECT SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2016), FDOT DESIGN STANDARDS (2016), AND SUPPLEMENTS THERETO, AND ORANGE COUNTY ROAD CONSTRUCTION

27. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE 407-836-7940, THE CONTRACTOR SHALL PROVIDE WRITTEN FOLLOW UP CONFIRMATION WITHIN 48 HOURS

28. ANY U.S.C. AND G.S. MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, AND BOTH SHALL NOTIFY:

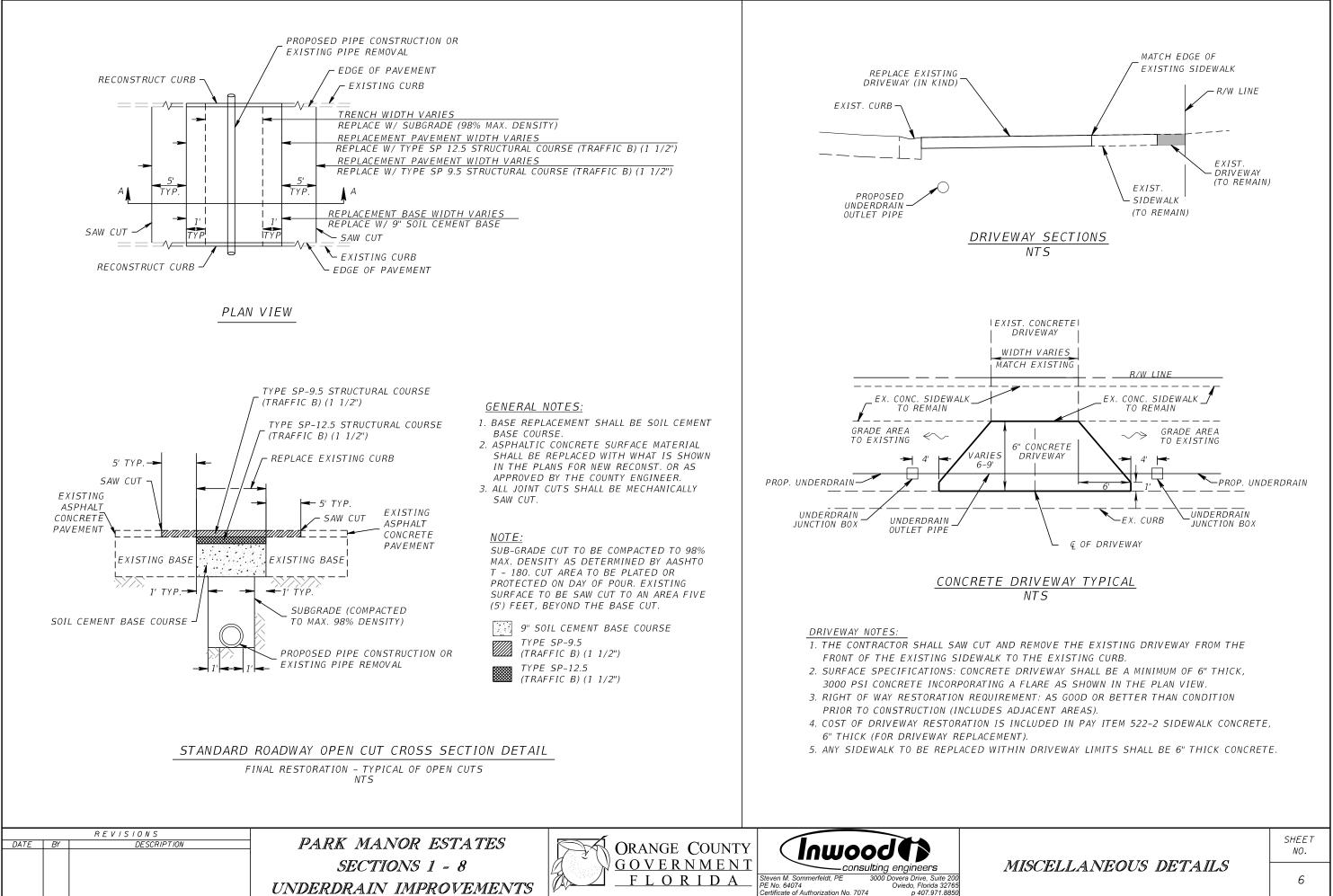
29. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE AND MAINTENANCE OF ALL EXISTING RUNOFF DISCHARGES DURING CONSTRUCTION TO AVOID THE TRANSPORT OF SEDIMENT AND ERODIBLE SOILS UNTIL THE WORK HAS BEEN ACCEPTED BY THE COUNTY.

30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A STAGING AREA (APPROVED BY THE ENGINEER) TO STORE EQUIPMENT, SUPPLIES, & MATERIALS, PROVIDE EMPLOYEE PARKING, AND ETC. FOR THE DURATION OF CONSTRUCTION. THE USE OF EXISTING COUNTY EASEMENTS AND RIGHT OF WAY SHOULD BE REQUESTED IN WRITING TO THE COUNTY FOR APPROVAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP THE HOA INFORMED IN REGARDS TO STAGING AREAS, PROJECT DURATION AND REMOVAL OR REPLACEMENT OF FENCE.

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## GENERAL NOTES



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