PINELLAS COUNTY

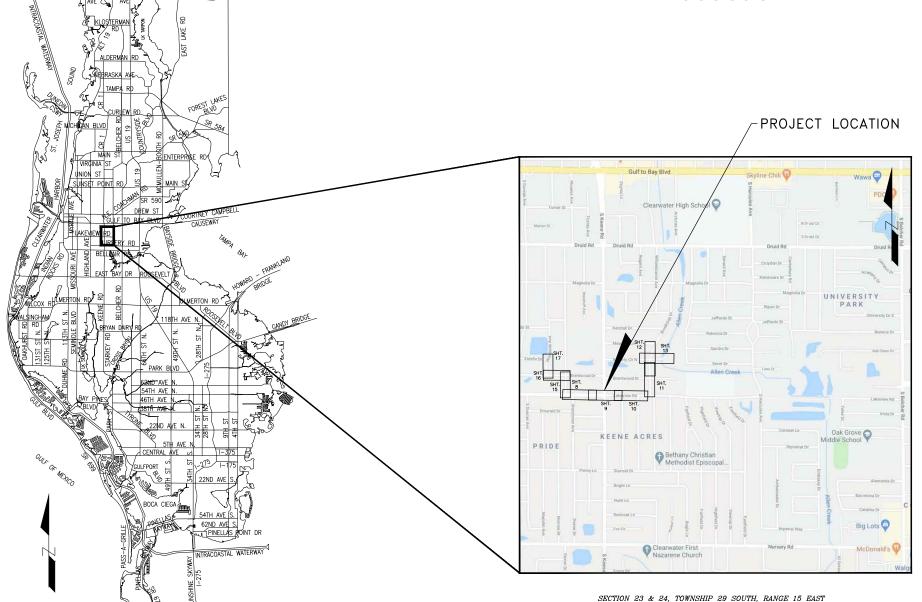
LOCATION MAP



LAKEVIEW ROAD AT KEENE ROAD **DRAINAGE AND INTERSECTION IMPROVEMENTS CONTRACT NO. 145-0342-CN (RW)** PID 003898A

KEY MAP NOT TO SCALE

30% SUBMITTAL



INDEX OF PLANS

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34-42	DRIVEWAY SECTION

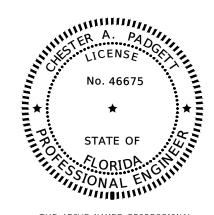
PROJECT MANAGER: VICTORIA PRESTON

14 SOUTH FORT HARRISON AVENUE CLEARWATER, FLORIDA 33756 PHONE: (727)464-3687

PREPARED BY:

BURGESS AND NIPLE, INC. 10006 N. DALE MABRY HIGHWAY, SUITE 201 TAMPA, FL 33618 PH: (813) 962-8689

C. ANDREW PADGETT, P.E. No. 46675 ENGINEER OF RECORD



THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61615-23.004, F.A.C.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

BURGESS & NIPLE, INC. 10006 N. DALE MABRY HIGHWAY, SUITE 201 TAMPA, FLORIDA 33618 CHESTER ANDREW PADGETT, P.E. NO. 46675

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
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5	PROJECT CONTROL
6-8	TYPICAL SECTIONS
9-17	PLAN & PROFILE
18-33	CROSS SECTIONS
34-42	DRIVEWAY SECTIONS

					-	EPO
					DESIGNED	
					DRAWN	EPO
						CAR
REV. NO.	DATE	DESCRIPTION	REV.	BY	CHECKED	CAP



LAKEVIEW ROAD & KEENE ROAD INTERSECTION & DRAINAGE IMPROVEMENTS

SIGNATURE SHEET

DESCRIPTION:

PUBLIC WORKS

14 S. FT. HARRISON AVE.,
CLEARWATER, FL 33756

PROVED BY:

DATE: 08/2020
PROJECT NO. 003898A

C. ANDREW PADGETT, P.E. DATE
FLA. LIC. NO 46675

DATE: 08/2020
PROJECT NO. 200898A

SHEET: 2 OF 42

PUBLIC WORKS APPROVED BY:

oduction\003898A-GEN.dwg, Dct 21, 2020 Fi\Projects\PCPW0004 Prof Svcs 2015-2020\Lakeview-Keene\003898A\Plans\Dwg\Pr

- REMOVE ONLY TREES DESIGNATED FOR REMOVAL IN THE PLAN, OR AS DIRECTED BY THE ENGINEER. OBTAIN THE HABITAT MANAGEMENT PERMIT FROM PINELLAS COUNTY TRANSPORTATION & STORMWATER - NATURAL RESOURCES. TREE REMOVAL IS INCLUDED IN THE UNIT PRICE BID FOR CLEARING AND GRUBBING, UNLESS SEPARATE PAY ITEMS ARE PROVIDED.
- 2. ALL MATERIALS NOT CLAIMED BY THE COUNTY MUST BECOME THE PROPERTY OF THE CONTRACTOR, AND MUST BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THE COST FOR THIS WORK IS INCLUDED IN THE UNIT PRICE BID FOR CLEARING AND GRUBBING. MATERIALS TO BE CLAIMED BY AND DELIVERED TO THE COUNTY ARE AS FOLLOWS:

- ALL STATIONS AND OFFSETS REFER TO CONSTRUCTION BASE LINE, UNLESS OTHERWISE NOTED.
- ALL EXISTING PIPES THAT ARE TO REMAIN IN SERVICE WITHIN THE RIGHT-OF-WAY CORRIDOR ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED IN THE PLANS.
- 5. STORM DRAIN INLET AND MANHOLE STATION LOCATIONS REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM.
- 6. ALL DISTURBED AREAS, INCLUDING AREAS OUTSIDE THE CONSTRUCTION LIMITS, MUST BE RETURNED TO THEIR PRE-CONSTRUCTION CONDITION AT NO ADDITIONAL EXPENSE TO THE COUNTY. SEEDING MUST NOT BE USED AS FINAL GROUND COVER EXCEPT WHERE SPECIFICALLY SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.
- 7. SHEETING, SHORING, AND BRACING MUST BE PROVIDED TO PROTECT ADJACENT STRUCTURES AND UTILITIES, OR TO MINIMIZE TRENCH WIDTH. THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED IS INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED, UNLESS OTHERWISE PROVIDED FOR SEPARATELY IN THE BID SUBMITTAL SHEFTS.
- 8. THE ENGINEER MUST RECEIVE PERMISSION FROM THE PROPERTY OWNER THROUGH A RIGHT OF ENTRY AGREEMENT AND/OR A SIDEWALK, UTILITY, OR DRAINAGE EASEMENT PRIOR TO ANY GRADING OR CONSTRUCTION BEYOND THE RIGHT-OF-WAY..
- ANY AND ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED PRIOR TO COMMENCING CONSTRUCTION. THE ENGINEER MUST BE PROMPTLY NOTIFIED OF ANY DISCREPANCIES.
- 10. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- 11. SURFACING MUST NOT BE APPLIED TO ANY MANHOLE COVERS, FRAMES, VALVE BOXES, GAS DROPS, ETC.
- 12. SIDEWALK CURB RAMPS MUST BE PAID FOR AS DEFINED BY PINELLAS COUNTY SPECIFICATION 522 AND PINELLAS COUNTY STANDARD DETAIL 1360
- 13. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS MUST REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER. PROPOSED SIGN LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT, AS DIRECTED BY THE ENGINEER.
- 14. BLUE, BI-DIRECTIONAL RPMS MUST BE INSTALLED ADJACENT TO ALL FIRE HYDRANTS, PLACED PER FDOT TRAFFIC ENGINEERING MANUAL, SECTION 4.3 USE OF BLUE RAISED PAVEMENT MARKERS TO IDENTIFY FIRE HYDRANTS.
- 15. ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT PROCEED WITH CAUTION CALL "SUNSHINE 811" IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION & SAFETY ACT. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. FURTHER

COORDINATION WITH UTILITY OWNERS MAY BE NECESSARY TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF FAILURE TO CALL "SUNSHINE 811" AND THE UTILITY OWNERS.

 THE RESPONSIBLE UTILITY OWNER MUST BE NOTIFIED FOR RELOCATION OF METER BOXES FOR POTABLE AND NON-POTABLE WATER SERVICE.

| DESIGNED | EPO | | DESIGNED | EPO | DESIGNED | DESIG



LAKEVIEW ROAD & KEENE ROAD INTERSECTION & DRAINAGE IMPROVEMENTS

DESCRIPTION:

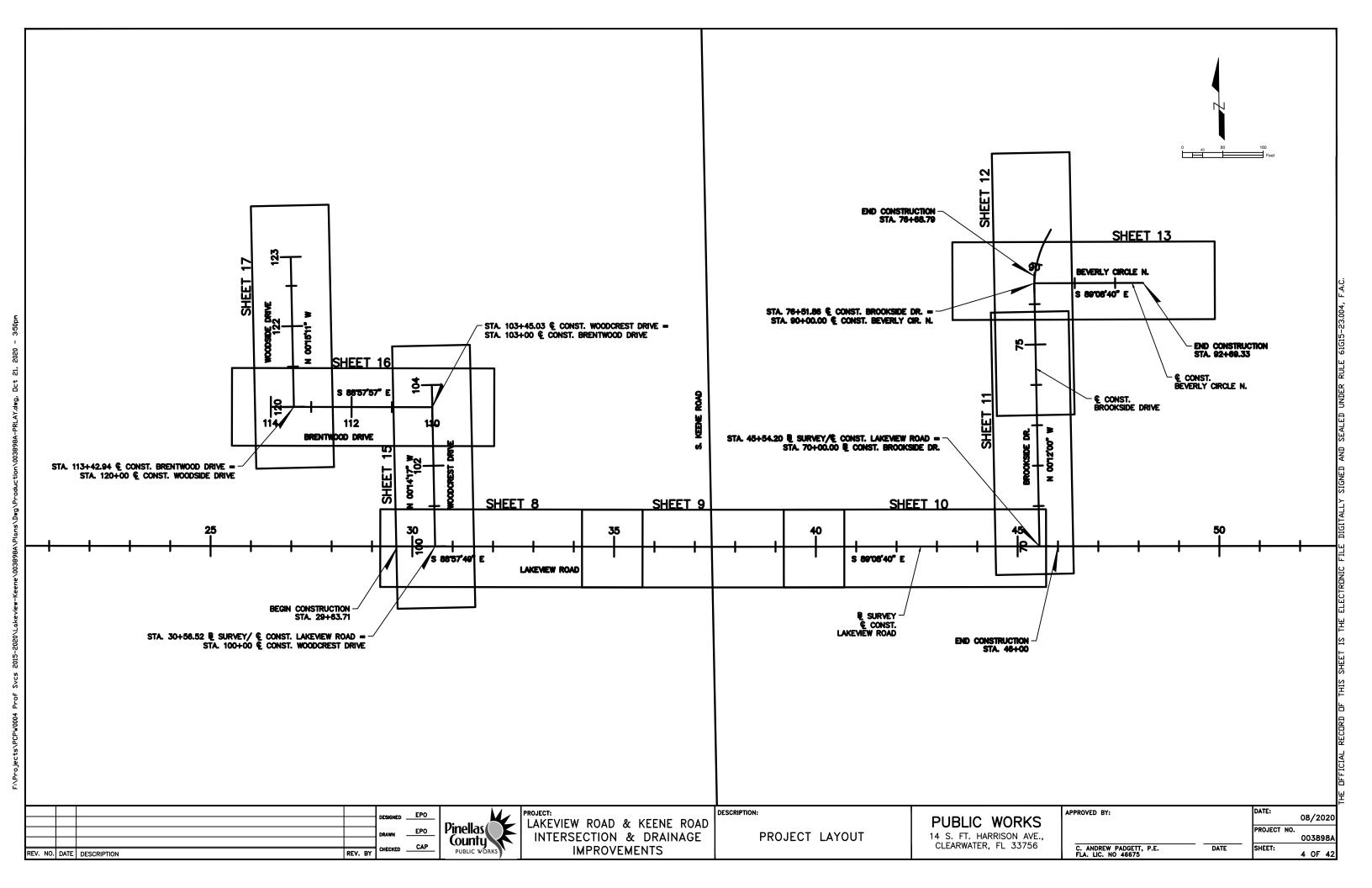
GENERAL NOTES

PUBLIC WORKS

14 S. FT. HARRISON AVE.,
CLEARWATER, FL 33756

DATE: 08/2020
PROJECT NO. 003898A

C. ANDREW PADGETT, P.E. DATE SHEET: 3 OF 42



Start:

End:

LAND SURVEYOR REPORT:

- The PURPOSE of this Right of Way and Topographic Survey is to establish the geographic location of existing features and rights of way to facilitate design for LAKEVIEW ROAD AT KEENE ROAD DRAINAGE IMPROVEMENTS (SFN 2153_00002, PID 003898A).
- Survey Date: January 2020
- Date of Computations: January 2020
- UNITS: Coordinates, distances and elevations shown on this survey are in US Survey Feet. All distances are grid values. The average combined scale factor in the project area is 1.00001237. To convert from grid to ground distances, multiply by 0.99998763.
- HORIZONTAL DATUM: Coordinates are bearings are referenced to the West Zone of the Florida State Plane Coordinate System, North American Datum of 1983, 2011 adjustment (NAD 83/2011). Coordinates were derived redundant Network RTK (Real-Time Kinematic) GNSS (Global Navigation Satellite System) observations utilizing the Florida Permanent Reference Network (FPRN). GNSS positioning was verified using National Geodetic Survey (NGS) control points PCDSM GPS 16 (PID DF5795; Northing= 1,313,361.14; Easting= 400,452.24) and PCDSM GPS 68 (PID DF5844; Northing= 1,324,360.61; Easting= 396,931.89).
- VERTICAL DATUM: Elevations are referenced to the North American Vertical Datum of 1988 (NAVD 88), based on NGS benchmarks BREEZE S (PID AG0390; Elevation=53.39) and City of Clearwater Benchmark D-11 (Elevation=60.16).
- PROJECT CONTROL points established for this survey are numbers 106-107, 600-618, 643, 646, 647, 1488, 1522, and 2712.
- ACCURACY: Project control point coordinates were established by least squares adjustment of GNSS and optical survey data resulting in a maximum error ellipse axis of 0.05 ft (95% confidence). Elevations were established by differential level run with a 0.01 ft misclosure between the NGS benchmarks listed in note 5 (points 106–107, 600–618) and a least squares adjustment (points 643, 646, 647, 1488, 1522, 2712) with a maximum error of 0.02' (95% confidence).
- INTENDED FEATURES include visible surface improvements such as concrete, curbs, driveways, sidewalks, fences, pavement edges, ditches, drainage and sanitary sewer structures, trees greater than 4" diameter at breast height, hedges, and above ground utilities; below—grade improvements consisting of drainage and sanitary sewer pipes and known subsurface utilities (others may exist); and sufficient topographic information to create accurate digital terrain model including all apparent grade breaks.
- Drainage structures and pipes are labeled with the Facility ID from the Pinellas County Enterprise GIS.
- 10. Subsurface utilities are shown at Quality Level B (as defined in the American Society of Civil Engineers' National Consensus Standard CI/ASCE 38-02: Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data), with specific Quality Level A Verified Vertical and Horizontal (WH) locations as depicted on the map of survey and tabulated on sheet 3. Locations of subsurface lines as depicted on the map of survey have been obtained using electronic designating equipment and/or ground penetrating radar in accordance with Quality Level B investigation techniques. These subsurface lines may deviate from the actual utility location and should be considered approximate.
 - All subsurface utilities are depicted as three-dimensional lines with depths based on nearby WH locations where available and an assumed 30" of cover elsewhere and should be considered approximate. Utility sizes and materials were only determined where specifically noted herein. Additional measurement and/or conflict resolution can be scheduled at a later date if necessary for design and/or construction.
- Mailboxes, foundations, irrigation features, and utility service lines are specifically EXCLUDED from this survey. No investigation was performed to determine the presence or limits of jurisdictional surface waters.
- 12. Existing right of way lines were determined in accordance with the record information shown hereon along Lakeview Rd from Woodcrest Ave to Fairfield Dr and Keene Rd from Emerald Dr to Beverly Cir N. All other right of way, easement and parcel lines are approximate.
- 13. Per Board of County Commissioners Minutes Book 4, pages 50, 93-94, and 116-117, portions of County Road #114 (Lakeview Road), and unnamed road centered on a portion of the East line of Section 23—29—15, and a portion of Nursery Road were petitioned, viewed, posted and then declared to be made public roads. Declaration was filed on June 7, 1921. A width was not included so the right of way lines shown hereon are based on adjacent deed lines.
- Reversionary rights following the vacation of Beverly Circle South are uncertain at this time.
- 15. Not based on an abstract of title. Record instruments were provided, however other easements and/or restrictions may exist. Private easements
- All plats and official records shown hereon are recorded in the Public Records of Pinellas County, Florida, unless otherwise noted.
- SURVEY TECHNICIANS: N. Hitt, R. Miller, B. Yates, T. Murray, J. Chrzanowski
- RESPONSIBILITY: The undersigned Jared Robert Phillips, PSM, is the responsible Surveyor and Mapper for all features and data shown on this 18.

407255.218

409996.809

- This map is intended to be displayed at a scale of 1"=20' or smaller. Not valid without the original signature and seal of a Florida Licensed Surveyor and Mapper.
- 21. THIS SURVEY IS NOT COVERED BY PROFESSIONAL LIABILITY INSURANCE.

ALIGNMENT:

Description: Lakeview Road

South line of the North 1/2 of the Northeast 1/4 of Section 23-29-15 & South line of the North 1/2 of the Northwest 1/4 of Section 24-29-15

> Tangent Data PT Station

> > 1315208.956

1315159.361

10+00.000

37+42.040

		Tangent Data		
	Parameter	Value	Parameter	Value
Length:		2742.04	Course:	S 88° 57' 49.1034" E
		Tangent Data		
	Description	PT Station	Northing	Easting
Start:		37+42.040	1315159.361	409996.809
End:		63+93.456	1315119.768	412647.93
		Tangent Data		
	Parameter	Value	Parameter	Value
Length:		2651.417	Course:	S 89° 08' 39.8492" E

Alignment: SRL2 Description: Keene Road

West line of the Northwest 1/4 of Section 24-29-15

	Description	<u>Tangent Data</u> PT Station	Northing	Easting
Start:		100+00.000	1313826.328	410001.358
End:		126+66.081	1316492.393	409992.26
		Tangent Data		
	Parameter	Value	Parameter	Value
Length:		2666.0	81 Course:	N 00° 11' 43.8646" W

ABBREVIATIONS:

(C) M) (P) (R) SOD 4 AC ADA ADA ADS ADSPF AHD	CALCULATED DATA MEASURED (IN FIELD) PLAT DATA RECORD DATA NAIL 60D ARC ARCE(S) AMERICANS WITH DISABILITIES ACT AMERICAN DRAINAGE SYSTEMS AMERICAN DRAINAGE SYSTEMS AMERICAN DRAINAGE SYSTEMS PERFORATED AHEAD	DIA DIP DIPS DIPW DNR DDT DP DR DW
ASPH AUS BC BE BKL BKL BL DG BM BNCH BDIXC BRCD	ASPHALT AUSTRALIAN BACK OF CURB BURIED ELECTRICAL BREAK LINE BULLDING BENCHMARK BENCH BULLDING BENCHMARK BOX CULVERT BARRICADE	DWB DWC DWD DWG DWGRVL DWGS DWM DWS E E-W
BRG BRUSH BTMSHOT C# C/O CALC CB CBS CC#####	BEARING BRUSH LINE BOTTOM SHOT CURVE NUMBER CARE OF CALCULATED CATCH BASIN COUNCETE BLICK STRUCTURE CERTIFIED CORNER DOCUMENT NUMBER COASTAL CONSTRUCTION CONTROL LINE	ECL ECMP EL ELEV ELLIPI ENDW EP EPA EPC EQ
CH CIP CIR CL CL CLMED CLMED CLPI CLRR CLSP CM CM CM CMD CD CD CD CD	CHORD CAST IRON PIPE CIRCLE CENTERLINE CENTERLINE OF MEDIAN CENTERLINE, PI DF CENTERLINE OF RAILROAD CENTERLINE OF SPILLWAY CONCRETE MONUMENT CORR METAL PIPE COUNTY COMMUNICATIONS	EQUIP ER ERCP ERD ERG ERM ERSH ES ESMT ESS ET AL ETS
LUMM CONCERNO CONST CONST COR	COMMUNICATIONS CONCRETE CONDENTE CONSTRUCTION CORNEG CORRUGATE COUNTY ROAD DELTA DECD BOOK DEPARTMENT OF ENGINEERING AND INFRASTRUCTURE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT DEPARTMENT OF ENVIRONMENTAL MANAGEMENT DEPARTMENT OF ENVIRONMENTAL PROTECTION DEPARTMENT DEPARTMENT DEPARTMENT	FAC FEN FEN FIR FIR FIP FM FND FND FNS

	DITCH PAVEMENT DRIVE
	DRIVEWAY
	DRIVEWAY, ASPHALT DRIVEWAY, BRICK
	DRIVEWAY, CONCRETE
	DRIVEWAY, DIRT
	DRAWING
٧L	DRIVEWAY, GRAVEL DRIVEWAY, GRASS
	DRIVEWAY, GRASS DRIVEWAY, MARL
	DRIVEWAY, STONE
	EAST OR EASTING
	EAST-WEST
	ERDSIDN CONTROL LINE
	ELLIPT CMP ELEVATION
	ELEVATION
PT	ELLIPTICAL
	ENDWALL
	EDGE OF PAVEMENT EDGE OF PAVEMENT, ASPHALT
	EDGE OF PAVEMENT, ASPHALT
	EQUATION
P	EQUIPMENT
	EDGE OF ROAD
	ELLIPT RCP EDGE OF ROAD, DIRT
	EDGE OF ROAD, GRAVEL
	EDGE OF ROAD, MARL
	EDGE OF ROAD, SHELL
	EXISTING STORM
	EASEMENT EXISTING SANITARY SEWER
L	AND OTHERS
_	ENGINEERING AND TECHNICAL SUPPORT
	EXTERNAL
	FLORIDA ADMINISTRATIVE CODE FOUND CONCRETE MONUMENT
	FENCE
	FLOOR ELEV
	FOUND IRON ROD
	FOUND IRON PIPE
	FLOWLINE FROM MAIN
	FORCE MAIN FOUND NAIL AND CAP
	FOUND NAIL AND DISK
	FOUND
	FOUND NAIL AND SHINER

MONUMENTATION/

604 1315845.2700 409010.6200 30.56 27+43.61 -667.96

1240 1316540.7540 407247.0601 32.11

1246 1313736.6800 415318.0301 21.78

1244 | 1313927.2010 | 404567.6848 | 42.49 |

CONTROL POINT COORDINATES:

SRL1 SND PCSD TRAV

SRL1 FIP 1" WITH NAIL AT N COR SEC 23-29-15

SRL1 FCM 4"x4" "PCED" AT W COR SEC 23-29-15

SRL1 FNDK PCSD PSM 6590 AT E COR OF SEC 24-29-15

Northing Easting Elevation Station Offset Alignment Description

1315138.9900 410441.6300 42.97 41+87.12 13.73 SRL1 SIR 1/2" PCSD TRAV

1315131.5800 410056.5700 44.70 113+05.06 59.67 SRL2 SIR 1/2" PCSD TRAV

501 | 1313826.3280 | 410001.3580 | 0.00 | 100+00.00 | 0.00 | SRL2 | CALC W COR SEC 24-29-15

600 1315183.8000 409661.3900 45.29 34+06.23 -18.37 SRL1 SIR 1/2" "PCSD TRAV"

1315532.9700 409322.6300 34.25 30+61.21 -361.35 SRL1 SND PCSD TRAV

1316504.4700 409305.1300 31.57 30+26.14 -1332.38 SRL1 SND PCSD TRAV

1315499.4300 409676.7500 35.71 34+15.88 -334.22 SRL1 SND PCSD TRAV

1315516.8400 409945.2200 36.30 116+90.69 -50.37 SRL2 SND PCSD TRAV

1315467.9200 410817.0400 36.45 45+57.57 -320.77 SRL1 SND PCSD TRAV

1315188.8200 410801.3700 40.84 45+46.07 -41.47 SRL1 SND PCSD TRAV

1315112.8600 409957.7000 44.84 112+86.67 -39.27 SRL2 SIR 1/2" PCSD TRAV

1245 1316457.7080 412655.4272 58.39 63+80.97 -1337.90 SRL1 FIP 1 1/4" AT N COR SEC 24-29-15

611 | 1315837.5600 | 409943.7200 | 35.86 | 120+11.42 | -50.77 | SRL2 | SIR 1/2" PCSD TRAV

612 1315784.8100 410064.1100 35.77 119+58.26 69.43 SRL2 SND.PCSD.TRAV

613 1315780.5300 410382.8800 36.59 41+18.79 -626.87 SRL1 SND PCSD TRAV

614 1315779.5800 410814.8600 35.94 45+50.74 -632.37 SRL1 SND PCSD TRAV

617 1315446.7400 410496.9500 37.08 42+37.83 -294.82 SRL1 SND PCSD TRAV

618 | 1315451.2200 | 410133.5800 | 37.01 | 38+74.44 | -293.87 | SRL1 | SND PCSD TRAV

640 | 1316106.2700 | 409475.7900 | 32.31 | 32+03.98 | -937.33 | SRL1 | SIR 1/2" PCSD TRAV

641 1315855.4600 409570.6600 32.16 33+03.37 -688.28 SRL1 SIR 1/2" PCSD TRAV

646 1315172.0700 411388.9000 36.50 51+33.79 -33.50 SRL1 SIR 1/2" PCSD TRAV

647 1315128.2200 411014.8300 40.87 47+60.41 15.94 SRL1 SIR 1/2" PCSD TRAV

1315636.1000 409339.3600 33.77 30+76.08 -464.77 SRL1 FIR 1/2 "NO ID

1297 1315489.6800 409160.1400 37.18 28+99.53 -315.13 SRL1 FIR 1/2" NO ID

1298 | 1315489.4200 | 409160.0900 | 37.19 | 28+99.49 | -314.87 | SRL1 | FIR 1/2" RLS 2513

1299 | 1315487.3300 | 409280.0700 | 36.55 | 30+19.49 | -314.95 | SRL1 | FIR 1/2" RLS 2512

1336 1315970.1000 409277.7600 30.94 30+08.44 -797.60 SRL1 FIR 1/2" NO ID

1337 1316215.8400 409276.8200 30.61 30+03.06 -1043.28 SRL1 FIR 1/2" NO ID

2549 | 1315217.0800 | 409554.6700 | 44.71 | 32+98.93 | -49.71 | SRL1 | FIR 1/2" NO ID

2550 | 1315215.5200 | 409647.6900 | 44.32 | 33+91.96 | -49.84 | SRL1 | FIR 1/2" NO ID

2551 1315213.8700 409740.9600 43.89 34+85.25 -49.87 SRL1 FIR 1/2" NO ID

1879 1315122.1100 409302.1400 47.98 30+48.16 49.81 SRL1 FPPIPE 1"

1522 1315800.5100 411020.8200 36.37 47+56.36 -656.37 SRL1 SND PCSD TRAV

1300 1315487.5600 409280.1100 36.55 30+19.52 -315.18 SRL1 FCM 4X4

601 1315214.8900 409301.9400 45.77 30+46.28 -42.95 SRL1 SND PCSD TRAV

603 1315512.4600 408978.2500 34.11 27+17.26 -334.62 SRL1 SND PCSD TRAV

605 | 1316028.9000 | 409045.2800 | 29.40 | 27+74.94 | -852.19 | SRL1 | SND PCSD TRAV

606 | 1316499.9900 | 409031.4900 | 30.40 | 27+52.63 | -1322.95 | SRL1 | SND PCSD TRAV

608 1316046.7200 409299.0500 30.22 30+28.35 -874.59 SRL1 SND PCSD TRAV

DHW	ORDINARY HIGH WATER
DH(#)	OVERHEAD UTILITY (NUMBER OF LINES)
DD	DUTSIDE DIAMETER
DC .	DRANGE CAP
DAK C	DAK CLUSTER
D/A	OVERALL BAK CLUSTED
NTS	NOT TO SCALE
ND NTC	NUMBER
NGS	NATIONAL GEODETIC SURVEY
NFV	NOT FIELD VERIFIED
N-S	NORTH-SOUTH
N/A	NDT APPLICABLE
N	NORTH OR NORTHING
MTS	MINIMUM TECHNICAL STANDARDS
MDN	MONUMENT
MID-ORD	MIDDLE ORDINATE
MLW	MEAN LOW WATER
MISC	MISCELLANEOUS
MHW	MEAN HIGH WATER
MH	MANHOLE
MES	MITERED END SECTION
LT	LEFT
LL	LANE LINE
LIFT	LIFT STATION
LABINS	LAND BOUNDARY INFORMATION SYSTEM
L	ARC LENGTH
JR	JUNIOR
JBOX	JUNCTION BOX
IR	IRON ROD
IP	IRDN PIPE
INV	INVERT
ID	INSIDE DIAMETER
HWY	HIGHWAY
HWM	HIGH WATER MARK
HW	HEADWALL
H20	WATER
HED	HEDGE
HB	HDSE BIB
H	HILLSBORDUGH
GTANK	GAS TANK
GRAIL	GUARD RAIL
GPS	GLOBAL POSITIONING SYSTEM
GPR	GROUND PENETRATING RADAR
GNSS	GLOBAL NAVIGATION SATELLITE SYSTEM
GP	GROUND POINT
GALV	GALVANIZED
FYC	FOUND YELLOW CAP
FXDL	FLEXIBLE DELINEATOR
FT	FEET
FS	FLORIDA STATUTES
FRVT	FOUND RIVET

DESIGNED EPO DRAWN CHECKED CAP . NO. DATE DESCRIPTION REV. BY



PROJECT: LAKEVIEW ROAD & KEENE ROAD INTERSECTION & DRAINAGE **IMPROVEMENTS**

PROJECT CONTROL

ESCRIPTION:

PUBLIC WORKS 14 S. FT. HARRISON AVE., CLEARWATER, FL 33756

APPROVED BY:	DA	ATE: 08/20.
	PR	ROJECT NO.
		00389
C. ANDREW PADGETT, P.E. FLA. LIC. NO 46675	DATE	HEET: 5 OF

3251	1315300.1900	409946.7000	40.30	114+74.04	-49.63	SRL2 F	TP 1"	-			
								1			
DIA	DIAMET	ER				FDC	FOUND DRANGE CAP	□P	DPEN PIPE	SIR	SET IRON ROD
DIP		E IRON PIPE				FDP	FOUND OPEN PIPE	DR_	OFFICIAL RECORD	SL	SURVEY LINE
DIPD		E IRON PIPE,		E		FPPIPE	FOUND PINCHED PIPE FOUND RED CAP	D/S PALM C	DFFSET	SNC	SET NAIL AND CAP
DIPN		E IRON PIPE, E IRON PIPE,				FRC FRRS	FOUND RAILROAD SPIKE	PB C	PALM CLUSTER PLAT BOOK	SNS	SET NAIL AND DISK SET NAIL AND SHINER
DNR		MENT OF NATU		URCES		FRVT	FOUND RIVET	ľpč	PRINT RE CHRVATHRE	20C	SET DRANGE CAP
DOT		F TRANSPORTA	ATION			FS	FLORIDA STATUTES	PCC	POINT OF COMPOUND CURVATURE	SPLWY	SPILLWAY
DP DR	DITCH	PAVEMENT				FT	FEET FLEXIBLE DELINEATOR	PCED PCRC	PINELLAS COUNTY ENGINEERING DEPT PINELLAS COUNTY RED CAP	SQ SR	SQUARE STATE ROAD
DW	DRIVEW	AY				FYC	FOUND YELLOW CAP	PCSD	PINELLAS COUNTY SURVEY DIVISION	SRC	SET RED CAP
DWA	DRIVEW	AY, ASPHALT				GALV	GALVANIZED	l PE	POLYETHYLENE	SRD	STATE ROAD DEPARTMENT
DWB		AY, BRICK				GP	GROUND POINT	PG	PAGE	SRL#	SURVEY REFERENCE LINE
DWC DWD	DRIVEW	AY, C⊡NCRETE AY, DIRT				GNSS GPR	GLOBAL NAVIGATION SATELLITE SYSTEM GROUND PENETRATING RADAR	PI	PDINT OF INTERSECTION PROJECT IDENTIFICATION NUMBER	SRWB SSVNT	SURFACE WATER BOUNDARY SANITARY SEWER VENT
DWG	DRAWIN	G DIKI				GPS	GLOBAL POSITIONING SYSTEM	PÎNE C	PINE CLUSTER	STA	STATION
DWGRVL		AY, GRAVEL				GRAIL	GUARD RAIL	PK	PK (TRADE MARK)	YTZ	STORY
DWGS DWM	DRIVEW DRIVEWAY	AY, GRASS				GTANK	GAS TANK HILLSBORDUGH	PL PLNTR	PROPERTY LINE PLANTER	SUBT	SUBDIVISION TIE SOUTHWEST
DWS	DRIVEWAY	STONE				H HB	HDSE BIB	PLS	PROFESSIONAL LAND SURVEYOR	SWB	SIDEWALK, BACK
E	EAST OR	EASTING				HED	HEDGE	PNT	PDINT	SWBR	SIDEWALK, BRICK
E-W	EAST-WES		_			H20	WATER	PD_	PDST_DFFICE	SWF	SIDEWALK, FACE
ECL ECMP	ELLIPT C	CONTROL LINE				HW HWM	HEADWALL HIGH WATER MARK	PDB PDC	PDINT OF BEGINNING PDINT ON CURVE	SAC	SIDEWALK SET YELLOW CAP
EL	ELEVATIO	N				HWY	HIGHWAY	POOLEQUIP	PDDL EQUIPMENT, ETC	T	TANGENT
ELEV	ELEVATIO	N				ID	INSIDE DIAMETER	PDT	PDINT ON TANGENT	TB	TOP OF BANK
ELL IPT ENDW	ELLIPTIC ENDWALL	AL				INV IP	INVERT IRON PIPE	PP I PE PRC	PINCHED PIPE PDINT OF REVERSE CURVATURE	TBAR TERR	T-BAR PROPERTY MONUMENT TERRACE
EP	EDGE OF	PAVEMENT				IR	IRON ROD	PSM	PROFESSIONAL SURVEYOR AND MAPPER	TGT	TARGET
EPA	EDGE OF	PAVEMENT, AS				JB□X	JUNCTION BOX	PT	PDINT OF TANGENCY	THRT	THROAT
EPC	EDGE OF	PAVEMENT, CO	INCRETE			JR	JUNIOR	PVC	POLYVINYL CHLORIDE	TRAF	TRAFFIC
EQ EQUIP	EQUATION EQUIPMEN					LABINS	ARC LENGTH LAND BOUNDARY INFORMATION SYSTEM	PWRBX PWRTRANS	POWER BOX POWER TRANSFORMER	TS TSTHOL	TOE OF SLOPE .E TEST HOLE
ER	EDGE OF	ROAD				LIFT	LIFT STATION	l R	RADIUS	UDBX	UNDERDRAIN BOX
ERCP	ELLIPT R	CP				LL	LANE_LINE	R#	REVISION NUMBER	UNK	UNKNOWN
ERD ERG	EDGE OF	ROAD, DIRT ROAD, GRAVEL				LT MES	LEFT MITERED END SECTION	RC RCP	RED CAP REINFORCED CONC PIPE	UP#### UTIL	UTILITY POLE NUMBER UTILITY
ERM	EDGE OF	ROAD. MARL	•			MH	MANHOLE	RCW	RECLAIMED WATER	VCP	VITRIFIED CLAY PIPE
ERSH	EDGE DF	ROAD, SHELL				MHW	MEAN HIGH WATER	REF	REFERENCE	VPIP	VERTICAL PIPE
ES	EXISTING EASEMENT					MLW	MISCELLANEOUS MEAN LOW WATER	REINF	REINFORCED LAND SUBVEYER	V∨h W∕	VERIFIED VERTICAL AND HORIZONTAL
ESST ESS		SANITARY SE	WER			MLW MID-DRD	MIDDLE ORDINATE	RLS RP	REGISTERED LAND SURVEYOR RADIUS POINT	W/D	WITH WITHDUT
ET AL	AND DTHE	RS				MDN	MDNUMENT	RPRP	RIPRAP	WB	WETLAND BOUNDARY
ETS		ING AND TECH	INICAL SU	PPDRT		MTS	MINIMUM TECHNICAL STANDARDS	RR	RAILROAD	WBNCH	BENCH, WOOD
EX FAC	EXTERNAL FL OP I DA	ADMINISTRATI	VE CODE			N N/A	NORTH OR NORTHING NOT APPLICABLE	RRS RT	RAILROAD SPIKE RIGHT	WM XWLK	WATER MAIN CROSS WALK
FCM	FOUND CO	NCRETE MONUM	IENT			N-S	NDRTH-SDUTH	RTK	REAL TIME KINEMATIC	YB	YELLOW BOOK
FEN	FENCE					NFV	NOT FIELD VERIFIED	RDW	RIGHT-DF-WAY	YC	YELLOW CAP
FF FIR	FLOOR EL FOUND IR	EV DN DDD				NGS ND	NATIONAL GEODETIC SURVEY NUMBER	RVT R/W	RIVET RIGHT-OF-WAY		DEGREE MORE OR LESS (PLUS OR MINUS)
FIR	FOUND IR					NTS	NDT TO SCALE	SB	STRONG BACK	7-	INCHES (IN DISTANCES)
FL	FLOWLINE					D/A	DVERALL	SCM	SET CONCRETE MONUMENT		SECONDS (IN BEARINGS)
FM	FORCE MA					DAK C	DAK CLUSTER	SEC ##-##-##	SECTION, TOWNSHIP, RANGE	1.	FEET (IN DISTANCES)
FNC FNDK		IL AND CAP IL AND DISK				DD DD	ORANGE CAP OUTSIDE DIAMETER	SFN SGP	SURVEY FILE NUMBER SUBMERGED GROUND POINT	['	MINUTES (IN BEARINGS)
FND	FOUND	*C UIAD D12V				□H(#)	OVERHEAD UTILITY (NUMBER OF LINES)	SH	SPRINKLER HEAD		
FNS	FOUND NA	IL AND SHINE	:R			DHW	ORDINARY HIGH WATER	SHV	SPRINKLER HEAD VALVE		

Point

5548

5549

5550

5616

5618

5651

5660

5681

5698

5714

6113

6369

6423

6424

6428

6637

6639

6665

6666

5715

5685

5619

1315205.7200

1314992.4900

1315096.6300

1315760.1100

1315625.3930

6663 1313855.8560

1311162.1940 412625.7542 8.73

Northing Easting Elevation Station Offset Alignment Description

1315204.3500 410322.7500 41.93 40+67.27 -49.85 SRL1 FIR 1/2" NO ID

1315104.8500 410286.1300 43.84 40+32.14 50.18 SRI1 FIR 1/2" NO ID

1315193.5900 411033.7500 41.72 47+78.35 -49.71 SRL1 FCM 4"X4"

1315092.0200 411138.6300 42.20 48+84.74 50.28 SRL1 FIR 1/2" NO ID

1315190.7300 411223.9100 40.19 49+68.54 -49.69 SRL1 FCM 4"X4"

5615 | 1315194.9800 | 410938.8300 | 41.55 | 46+83.42 | -49.68 | SRL1 | FCM 4"X4"

5624 1315306.6000 410838.3400 40.04 45+81.28 -159.79 SRL1 FCM 4"X4"

5661 1315192.0700 411128.8200 41.87 48+73.44 -49.61 SRL1 FCM 4"X4"

5691 1314969.9700 410286.6191 46.36 40+34.65 185.04 SRL1 FCM 4"X4"

5692 1315015.1130 410346.4457 44.79 40+93.79 139.01 SRL1 FIR 1/2" LB 6235

5716 | 1315038.0260 | 409947.1520 | 47.42 | 112+11.88 | -50.07 | SRL2 | FIR 1/2" LB 3983

6114 | 1315817.4220 | 410138.6560 | 36.36 | 38+74.04 | -660.11 | SRL1 | FIR 1/2" PLS 3154

6115 1315816.3440 410230.9020 36.41 39+66.30 -660.41 SRL1 FIR 1/2" LB 2863

6435 1315535.1270 409946.0850 36.46 117+08.98 -49.44 SRL2 FCM 4"X4"

6662 | 1314630.5490 | 410048.5860 | 52.94 | 108+04.06 | 49.97 | SRL2 | FIP 1/2"

6667 | 1313937.4580 | 409950.7780 | 49.90 | 101+11.30 | -50.20 | SRL2 | FCM 4"X4"

6668 | 1314247.6030 | 409949.7200 | 52.79 | 104+21.45 | -50.20 | SRL2 | FIP 1/2"

6638 1315687.5650 410836.7400 36.51 45+73.99 -540.69 SRL1 FIR 1/2" RLS 8932

1314985.6990 410566.3929 43.74 43+14.15 165.14 SRL1 FCM 4"X4"

1314797.1540 409948.1979 51.87 109+71.00 -49.85 SRL2 FCM 4"X4"

1315818.5770 | 410044.6830 | 36.18 | 119+92.09 | 50.12 | SRL2 | FCM 4"X4"

1315133.6230 408656.0220 38.87 24+01.94 49.98 SRL1 FIR 1/2" NO ID

1314883.4350 410047.5280 49.82 110+56.94 49.78 SRL2 FIR 1/2" NO ID

410686.7210 36.94 44+22.90 -610.98 SRL1 FCM 4"X4"

410777.1350 37.06 45+15.32 -477.63 SRL1 FCM 4"X4"

410051.2340 48.77 100+29.36 49.98 SRL2 FIP 1/2"

410051.2310 48.76 100+29.33 49.97 SRL2 FIP 1/2'

1314898.0650 409947.8370 50.78 110+71.91 -49.86 SRL2 FCM 4"X4"

1315210.1350 | 409947.0100 | 42.77 | 113+83.98 | -49.63 | SRL2 | FCM 4"X4"

1315591.4200 | 410837.4690 | 36.88 | 45+76.15 | -444.56 | SRL1 | FCM 4"X4"

1314630.6860 410048.6120 52.78 108+04.19 50.00 SRL2 FIP 1/2"

6669 1314247.2210 409949.8470 53.07 104+21.07 -50.07 SRL2 FIR 1/2" RLS 3035

6670 1314307.2950 409949.5900 53.37 104+81.14 -50.13 SRL2 FIR 1/2" NO ID

1313857.3010 409951.3140 48.30 100+31.14 -49.94 SRL2 FCM 4"X4"

5617 1314992.8100 410912.1700 44.08 46+59.79 152.86 SRL1 FIR 1/2" NO ID

410230.8000 41.98 39+75.31 -49.85 SRL1 FIR 1/2" PLS 3035

410912.2400 44.10 46+59.86 153.18 SRL1 FIR 1/2" PLS 3138

1316492.3930 409992.2602 43.00 126+66.08 0.00 SRL2 SND PCSD AT NW COR SEC 24-29-15

409947.6254 49.85 111+41.84 -49.84 SRL2 FIR 1/2" NO ID

410506.6310 37.28 42+42.05 -660.72 SRL1 FIR 1/2" RWC LB 650

407279.5456 48.50 10+96.16 3970.43 SRL1 FNDK PCED AT S COR OF SEC 23-29-15

SRL1 FNDK B&H LB 6895 AT S COR OF SEC 24-29-15

410852.1200 41.99 45+98.19 49.95 SRL1 FIR 1/2" NO ID

