

SITE AND DEVELOPMENT PLAN FOR EPIPHANY CATHEDRAL CATHOLIC CHURCH PARKING LOT EXPANSION 225 N. HARBOR DRIVE VENICE, FLORIDA 34285

UTILITY CONTACTS:

COMCAST CABLEVISION	GONZALO ROJAS STEVE HOFFMAN	steve_hoffman.comcast.com	941-342-3578 941-342-2135	941-377-4101
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SARASOTA COUNTY	STEVE BOTHAST JASON BROWN	sbothast@scgov.net jkbrown@scgove.net	941-650-8803 941-650-3728	941-861-0573 941-861-0873
TECO PEOPLES GAS	DAN SHANAHAN	djshanahan@tecoenergy.com	941-342-4006	1-877-832-6911
FRONTIER COMMUNICATION	DENISE HUTTON	denise.hutton@ftr.com	941-906-6722	1-800-483-1000



CONSTRUCTION EMERGENCY

NOTES:

- 1. THE SITE IS CURRENTLY ZONED OPI, FUTURE LAND USE CODE OFFICE PROFESSIONAL INSTITUTION.
- 2. THIS SITE IS DESIGNATED AS FLOOD ZONE X, FLOOD ELEVATION NOT DETERMINED, PER ON F.I.R.M., COMMUNITY NO. 125144, MAP NO. 12115C PANEL NO. 0327G, DATED 03/27/2024.
- 3. THERE ARE NO KNOWN FOUNDATIONS OR MIDDEN AREAS OF HISTORIC ORIGIN, EXISTING EASEMENTS, PLATTED STREETS ON THIS SITE.
- 4. COMMON OPEN SPACE SHALL BE MAINTAINED PROPERTY OWNER.
- 5. SOLID WASTE DISPOSAL WILL BE BY THE CITY OF VENICE.
- 6. ANY ENCROACHMENT ON THE 100 YEAR FLOOD PLAIN OF FLOOD WAY SHALL BE MITIGATED IN ACCORDANCE WITH FEMA AND THE CITY OF VENICE STANDARDS.

CITY OF VENICE REQUIRED NOTES:

- 1. A CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK.
- 2. ALL WORK CONDUCTED IN THE CITY OF VENICE RIGHT-OF-WAY (ROW) WILL REQUIRE THE ISSUANCE OF A ROW USE PERMIT.
- 3. ALL WORK CONDUCTED IN SARASOTA COUNTY AND/OR FDOT ROW SHALL REQUIRE A COPY OF THE ISSUED PERMITS.
- 4. TREE REMOVAL PERMIT MUST BE OBTAINED FROM THE CITY OF VENICE.
- 5. POST-DEVELOPMENT RUNOFF DOES NOT EXCEED PRE-DEVELOPMENT RUNOFF VOLUME OR RATE FOR A 24-HOUR, 25-YEAR STORM EVENT.
- 6. ALL FIRE SERVICE BACKFLOW ASSEMBLIES SHALL BE INSTALLED BY A CERTIFIED CONTRACTOR WITH A CLASS I, II, OR V CERTIFICATE OF COMPETENCY ISSUED BY THE STATE FIRE MARSHALL AS PER F.S. 633.521.
- 7. CONSTRUCTION SITE MUST BE POSTED WITH 24-HOUR CONTACT INFORMATION.
- 8. ALL UTILITIES, WETHER PUBLIC OR PRIVATE, SHALL MEET CITY OF VENICE STANDARDS.
- 9. CONTACT PUBLIC WORKS SOLID WASTE DIVISION (941-486-2422) FOR APPROVAL OF DUMPSTER LOCATION AND LAYOUT PRIOR TO CONSTRUCTION.



LOCATION MAP LOCATED IN SECTION 12, TOWNSHIP 39S, RANGE 18E CITY OF VENICE, FLORIDA PARCEL I.D. No. 0175160018

OWNER: FRANK J. DEWANE BISHOP OF DIOCESE OF VENICE 1000 PINEBROOK RD. VENICE, FL 34285-6426

ENGINEER AND SURVEYOR:



405 COMMERCIAL COURT, SUITE E VENICE, FL 34292 TEL: (941) 412-1293 FAX: (941) 412-1043 EMAIL: info@dmkassoc.com C.A. No. 3943

LEGAL DESCRIPTION

LOTS 1 AND 2, BLOCK 34, VENICE GULF VIEW SECTION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 5, PAGES 77 AND 77-A, OF THE PUBLIC RECORDS OF SARASOTA COUNTY, FLORIDA.

ZONED:

OPI - OFFICE, PROFESSIONAL INSTITUTION

CURRENT USE:

1000 - VACANT LOT, CHURCH OVER FLOW PARKING (SHELL)

SITE DATA:

PARCEL SIZE = 36,830 S.F. OR 0.85± ACRES

TOTAL BUILDING S.F. = 0.0 S.F. PROPOSED BUILDING S.F. = 0.0 S.F. EXISTING BUILD TO BE DEMOLISHED S.F. = 0.0 S.F. PERCENT INCREASE IN S.F. = 0.0%

SETBACKS:

PER CITY OF VENICE ORDINANCE: FRONT (STREET): 20 FEET SIDE: 10 FEET REAR: 15 FEET WATERFRONT: 20 FEET

ENGINEER'S QUANTITY ESTIMATE OF INFRASTRUCTURE IMPROVEMENTS :

LINEAR FEET OF RECLAIMED WATER MAIN LINEAR FEET OF POTABLE WATER MAIN LINEAR FEET OF GRAVITY SEWER MAIN LINEAR FEET OF FORCE MAIN NUMBER OF MANHOLES

INDEX OF DRAWINGS

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- 8 CITY OF VENICE STANDARD DETAILS
- 9 BEST MANAGEMENT PRACTICES PLAN, NOTES AND DETAILS

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS.

KREG E. MAHEU, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 45766; THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY KREG E. MAHEU, P.E. ON THE DATE INDICATED HERE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

ENGINEER OF RECORD KREG E. MAHEU, P.E. STATE OF FLORIDA NO. 45766 DATE

GENERAL SITE CONSTRUCTION NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY, PRIOR TO BIDDING, TO INSPECT THE JOB SITE AND BECOME TOTALLY FAMILIAR WITH THE PLANS AND THEIR INTENT. SHOULD THERE BE ANY QUESTIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER THROUGH THE PURCHASING DIVISION FOR CLARIFICATION.
- 2. ELECTRICAL CONDUITS MAY BE PRESENT THROUGHOUT THE SITE. IT IS HIGHLY RECOMMENDED THAT THE CONTRACTOR PERFORM LOCATES, SUCH AS GROUND PENETRATING RADAR OR SIMILAR IN ADDITION TO 811 FOR SAFETY.
- 3. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT WAY AFFECT CONSTRUCTION. SHOULD APPARENT DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- 4. THE ENGINEER RESERVES THE RIGHT TO ADJUST THE LOCATION OF PROPOSED IMPROVEMENTS TO MEET FIELD CONDITIONS AS NECESSARY, FDOT APPROVAL IS REQUIRED FOR ANY PROPOSED CHANGES TO APPROVED PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE DEPARTMENT AND THE ENGINEER, AND OBTAIN DEPARTMENT APPROVAL PRIOR TO ACCOMMODATION ANY MODIFICATIONS OR REVISIONS.
- 5. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
- 6. THE CONTRACTOR SHALL CONSTRUCT SILT SCREENS. INLET PROTECTION OR OTHER APPROVED DEVICES PRIOR TO CONSTRUCT TO PREVENT ADVERSE OFFSITE IMPACT OF STORM WATER QUALITY AND QUANTITY. REFER TO B.M.P. PLAN AND DETAILS.
- 7. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONFLICT WITH OVERHEAD AND UNDERGROUND POWER LINES.
- 8. THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL (811) AND EXISTING UTILITY FACILITY COMPANIES A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE VERIFICATION OF, AND PROTECTION OF, EXISTING UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 9. THE CONTRACTOR SHALL HAVE ANY DAMAGES (CAUSED BY CONSTRUCTION ACTIVITIES) TO EXISTING WATER, SEWER, GAS, POWER AND TELEPHONE MAINS AND SERVICES, IMMEDIATELY REPAIRED.
- 10. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS OTHERWISE NOTED.
- 11. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING STORM DRAINS AND STRUCTURES WITHIN, OR DIRECTLY IMPACTED BY, THE PROJECT LIMITS.
- 12. ALL SURVEY MARKERS (BOTH VERTICAL AND HORIZONTAL) WITHIN THE GENERAL VICINITY, SHALL BE CONTINUOUSLY PROTECTED. ANY MARKERS DISTURBED OR DAMAGED SHALL BE REPLACED BY A PROFESSIONAL SURVEYOR AND MAPPER AND CERTIFIED TO THE GOVERNING MUNICIPALITY PRIOR TO FINAL ACCEPTANCE.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY REQUIRED CONSTRUCTION PERMITS AND/OR RIGHT-OF-WAY USE PERMITS FROM SARASOTA COUNTY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN THE COUNTY RIGHT-OF-WAY.
- 14. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY PROGRAMS/PROCEDURES AND THE IMPLEMENTATION AND COMPLIANCE THEREOF.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, AND MATERIALS NECESSARY TO PROVIDE COMPLETE AND OPERATIONAL. SYSTEMS AS PROPOSED IN THESE PLANS.
- 16. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER, DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE PROJECTS BMP GUIDELINES. FDOT SPECIFICATION, AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION CRITERIA. SAID CONTROL MEASURES SHALL BE INSPECTED, LOGGED, AND MAINTAINED DAILY.
- 17. UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL REPLACE ALL EXISTING PAVING, STABILIZED EARTH, CURBS, DRIVEWAYS, SIDEWALKS, FENCES, SIGNS AND OTHER IMPROVEMENTS DISTURBED BY CONSTRUCTION TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS. AT NO ADDITIONAL COST TO THE OWNER.
- 18. THE LOCATION OF EXISTING UTILITIES SHOWN WITHIN THESE PLANS IS BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY THE ASSOCIATED UTILITY OWNERS AND INFORMATION OBTAINED BY SURVEY AND/OR RECORD DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DISCREPANCY SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
- 19. CONSTRUCTION MUST COMPLY WITH "THE FLORIDA ACCESSIBILITY CODE" AND THE "AMERICANS WITH DISABILITY ACT," WHERE APPLICABLE.
- 20. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED FILL, CLEAN AND FREE OF ORGANIC MATERIAL, AND OTHER OBJECTIONABLE DEBRIS. FILL NOT MEETING THESE REQUIREMENTS WILL BE DIRECTED TO BE REMOVED AND REPLACED WITH PROPER FILL AT NO ADDITIONAL COST TO THE OWNER.
- 21. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE FABRICATION OF PROPOSED CIVIL SITE IMPROVEMENTS. SHOP DRAWINGS SHALL BE CLEARLY MARKED DENOTING THE SPECIFIC ITEM FOR REVIEW. WHERE A DEVIATION FROM THE DESIGN IS PROPOSED, THE SHOP DRAWING SHALL HAVE A SPECIFIC NOTE DETAILING THE DEVIATION AND REASON FOR SUCH.
- 22. TESTING IS REQUIRED FOR ALL PROPOSED IMPROVEMENTS IN ACCORDANCE WITH APPLICABLE AGENCY STANDARDS. CONTRACTOR SHALL PROVIDE ENGINEER A MINIMUM OF 48 HOUR NOTICE FOR WITNESSING REQUIRED TESTING.
- 23. ALL EXISTING WATER, SEWER, AND DRAINAGE STRUCTURES AND PIPES SHALL REMAIN UNLESS OTHERWISE NOTED.
- 24. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WITH CONSTRUCTION. ANY OBSERVED SILTATION, DEBRIS, AND/OR EROSION SHALL BE CORRECTED AS SOON AS PRACTICAL. IN ORDER TO AVOID ADVERSE STORMWATER DISCHARGE (QUANTITY OR QUALITY). REFER TO THE BEST MANAGEMENT PRACTICES PLAN AND GUIDELINES.
- 25. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS OTHERWISE NOTED.
- 26. ALL SURFACE WATER DISCHARGES FROM THE PROPERTY SHALL COMPLY WITH THE STATE WATER QUALITY STANDARDS CONTAINED IN DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES, CHAPTER 62-302, FLORIDA. ADMINISTRATIVE CODE (FAC.) AND THE APPROVED SWFWMD PERMIT.
- 27. THE ONLY ACCEPTABLE METHOD FOR REMOVAL OF PAVEMENT MARKING ARE HYDRO BLASTING OR GRINDING. EXISTING MARKING SHALL NO LONGER BE VISIBLE UPON COMPETITION OF THE REMOVAL OPERATIONS AS DEEMED BY THE ASSIGNED SARASOTA COUNTY PROJECT INSPECTOR/ENGINEER.
- 28. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE TO FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION SECTION 711 THERMOPLASTIC PAVEMENT MARKING.

CONSTRUCTION LAYOUT & SURVEY AS-BUILT

- EXPENSE.

				AJAX PAVING INDUSTRIES ONE AJAX DRIVE
				NORTH VENICE, FLORIDA 34275
).	REVISION	DATE	BY	(941) 486-3600

28. LINES, GRADES AND CONSTRUCTION SURVEYING - THE CONTRACTOR SHALL EMPLOY A FLORIDA LICENSED PROFESSIONAL LAND SURVEYOR SATISFACTORY TO THE CITY AND THE ENGINEER TO LAY OUT THE WORK FROM THE BENCH MARKS, GRADES, DIMENSIONS, POINTS, AND LINES NOTED ON THE WORKING DRAWINGS, ESTABLISHED AT THE SITE OR SUPPLIED BY THE ENGINEER. ALL WORK OF EVERY DESCRIPTION SHALL BE LAID OUT AND CHECKED BY THE CONTRACTOR WHO WILL BE HELD SOLELY RESPONSIBLE FOR ITS CORRECTNESS, AND ALL EXPENSES IN CONNECTION WITH THIS WORK SHALL BE PAID FOR BY THE CONTRACTOR. THE WORK MAY BE CHECKED BY THE ENGINEER, AND IN THE EVENT OF DISCREPANCY, THE ENGINEER'S DECISION SHALL BE FINAL.

29. NO SPECIAL COMPENSATION WILL BE MADE TO THE CONTRACTOR TO DEFRAY COSTS OF ANY WORK OR DELAYS OCCASIONED BY MAKING SURVEYS AND MEASUREMENTS, TESTS, OR INSPECTIONS, BUT SUCH COSTS SHALL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE PRICE STIPULATED FOR THE SEVERAL ITEMS OF WORK TO BE DONE UNDER CONTRACT.

30. ALL SURVEY MONUMENTS AND BENCH MARKS WHICH MAY BE DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED AND REPLACED BY THE CONTRACTOR. ALL MONUMENTS AND BENCH MARKS DISTURBED OR DESTROYED BY THE CONTRACTOR OR ANY OF HIS FORCES THROUGH ACCIDENT OR NEGLIGENCE SHALL BE REPLACED BY A FLORIDA LICENSED PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR'S

31. PROTECTION AND RESTORATION OF PROPERTY MARKERS AND SURVEY MONUMENTS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY MARKERS AND SHALL PROTECT CAREFULLY FROM DISTURBANCE OR DAMAGE ALL SURVEY MONUMENTS AND PROPERTY MARKERS UNTIL LOCATIONS ARE WITNESSED OR OTHERWISE REFERENCED BY HIS LICENSED FLORIDA PROFESSIONAL LAND SURVEYOR, SO THE SAID SURVEYOR CAN RESTORE THEM IN THEIR ORIGINAL LOCATION AFTER CONSTRUCTION.

32. RECORD DRAWINGS - DURING THE ENTIRE CONSTRUCTION OPERATION, THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL DEVIATIONS FROM THE PLANS AND SPECIFICATIONS AND SHALL MAINTAIN RECORD DRAWINGS SHOWING CORRECTLY AND ACCURATELY ALL CHANGES AND DEVIATIONS FROM THE WORK MADE DURING CONSTRUCTION TO REFLECT THE WORK AS IT WAS ACTUALLY CONSTRUCTED.

33. RECORD DATA SHALL BE SUBMITTED WITH EACH PAY APPLICATION, SAID PAY APPLICATION SHALL NOT BE ACCEPTED UNTIL AS-BUILTS ARE NOTED UP-TO-DATE BY THE PROJECT MANAGER. THE CONTRACTOR SHALL ALSO PROVIDE THE AS-BUILT INFORMATION ON THE ELECTRONIC CADD FILES PROVIDED BY THE ENGINEER. THE FINAL RECORD DRAWING SURVEY SHALL BE SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR AND MAPPER AND PROVIDED TO THE ENGINEER IN THE REQUIRED FORMAT, FOR EACH APPLICABLE AGENCY, FOR FINAL CERTIFICATIONS (6 COPIES).

34. BASIS FOR PAYMENT - THE WORK AND ALL INCIDENTAL COSTS SPECIFIED AS BEING COVERED UNDER THIS DIVISION WILL BE PAID FOR BY THE HOUR BY CONTRACT FOR CONSTRUCTION SURVEYING AND SURVEY MONUMENTATION. PAYMENT SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND RELATED COSTS TO COMPLETE THE WORK SPECIFIED IN THIS DIVISION.

SURVEY NOTATIONS:

1. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (N.A.V.D. 88). 2. ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN U.S. STANDARD FEET AND DECIMALS THEREOF.

CONTRACTOR



UTILITY NOTIFICATION

UTILITY LOCATIONS DEPICTED WITHIN THIS CONSTRUCTION PLAN SET HAVE BEEN COMPILED FROM FIELD MEASUREMENTS AND DOCUMENTS SUPPLIED BY THE VARIOUS UTILITY COMPANIES. THE ENGINEER MAKES NO CLAIM TO THE ACCURACY OF THE UTILITY LOCATIONS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES AND IS RESPONSIBLE FOR VERIFYING THE DEPTHS AND FIELD LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. ACTUAL UTILITY LOCATIONS AND DEPTHS MAY VARY FROM THOSE DEPICTED WITHIN THIS CONSTRUCTION PLAN SET. PROTECTION OF ALL UTILITIES WITHIN THE AREA OF CONSTRUCTION AND ALL COSTS TO REMEDY DAMAGES TO EXISTING UTILITIES AND DISTURBED AREAS SHALL BE BORNE BY



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ASSOCIATES	DATE 05/10/2024	CKD. BY	DATE	EPIPHANY
405 Commercial Court, Suite E, Venico, Elorida 34292	DRAWN RMS	DD	02/26/25	
Phone (941) 412-1293. Fax (941) 412-1043	DESIGN DD	KEM	02/26/25	
Certificate of Authorization No. 3934	SCALE @ 24x36"	DMK NO.	24-0080	

ABBREVIATIONS:

NOTE: THE

AIP

ASOP=

ASTM =

BFP

BOSI

BOT

СА

CO

CoS

CR

CY

(C)

ĎBI

DEPT

CONC=

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PERIO	D MAY OR MAY NOT BE SHOWN IE. ASOP OR A	.S.O.P.		
=	AT			
=	ABANDONED IN-PLACE	MES	=	MITERED END SECTION
AS S	SHOWN ON PLANS	M. EX.	=	MATCH EXISTING
AME	RICAN STD TESTING AND MATERIAL	MH	=	MANHOLE
=	BACK FLOW PREVENTION DEVICE	MIN	=	MINIMUM
=	BACK OF SIDEWALK INLET	MOI	=	MAINTENANCE OF TRAFFIC
=	BACK OF TRAIL (MURT)	MURI=	MUL	II USE RECREATIONAL TRAIL
=	CERTIFICATION	N	=	NORTH
=	CENTERLINE		=	NODMAL WATED LINE
=	CLEANOUT		=	NORMAL WATER LINE
CON	CRETE	NIS Q (Q	=	NUT TU SCALE
=	CITY OF SARASOTA	0/0	=	UN CENTER
=	COUNTY ROAD	PGL	=	PROFILE GRADE LINE
=	CUBIC YARD	PREF	=	
=	CALCULATED	PRUJ	=	PRUJECI Dolinds ded soliade incli
=	DITCH BOTTOM INLET		=	PUUNDS PER SQUARE INCH
=	DEPARTMENT	PVM I	=	PAVEMENT
DESI	GN HIGH WATER LINE	R	=	RADIUS
=	DIAMETER	RCP	=	REINFORGED CONCRETE PIPE
=	DESIGN RATIO	REQD	=	REQUIRED
=	EAST	R/W	=	RIGHT OF WAY
=	EACH	S	=	SOUTH
=	EDGE OF PAVEMENT	SCB	=	SIGNAL CONTROL BOX
=	EASEMENT	SDR	=	SIZE DESIGN RATIO
=	ELEVATION	SF	=	SQUARE FEET/FOOT
=	FINISHED FLOOR	SHLDR	=	SHOULDER
=	FIRE DEPARTMENT CONNECTION	SHWT=	SEAS	SONAL HIGH WATER TABLE
=	FLORIDA DEPARTMENT OF TRANS	SR	=	STATE ROUTE
=	FLORIDA	SID	=	STANDARD
=	FIRE SERVICE	SQ YD	=	SQUARE YARD
=	FOOT/FEET	S/W	=	SIDEWALK
=	FIRE MAIN	TEMP	=	TEMPORARY
=	GAUGE	ICB	=	TRAFFIC CONTROL BOX
=	GRADE BREAK	TRANS	=	TRANSPORTATION
=	HORIZONTAL	IRNS	=	TRANSITION
=	HIGH POINT	IRVL	=	
=	INCHES		=	
=	INSTALLATION		=	UNKNUWN
=		VV	=	
=	LAND SURVEYING BUSINESS	W/	=	
=	LICENSE	WM	=	WAILK MAIN
=	LINEAR FOOT	WWF	=	WELDED WIRE FABRIC
=	MAXIMUM	VAR	=	VARIES

SURVEY ABBREVIATIONS AND LEGEND:

ATIONS:		
 Arc Aluminum Building Bench Mark Calculated data Chord dimension Concrete Block and Stucco Concrete Monument Concrete Deed data Department of Natural Resources Department of Transportation Drainage Description data Elevation Easement Finished Floor Found Invert Iron Pipe Iron Rod Land Surveying Business Measured Data North American Vertical Datum Official Records 		
<pre>): mbols are not to scale and are for gra = Found 4"x4"Concrete Monument (number noted if any) = Found No. 5 Rebar (I.D. noted if any) = Found P.K. Nail and Disc (I.D. noted if any) = Spot Elevation = Set 4"x4"Concrete Monument with Cap L.B. #3943 = Set No. 5 Rebar with Cap L.B. #3943 = Set Mag. Nail and Disc L.B. #3943 = Utility Box = Utility Pole = Guy Wire Anchor = Water Meter = Water Valve = Sewer Valve</pre>	inic I.D. only. \checkmark = Fire Hydrant \bigcirc = Sewer Cleanout \bigcirc = Sewer Cleanout \bigcirc = Water Service \bigcirc = Water Service \bigcirc = Well/Monitor/Irrigation \bigcirc = Street Light Box \bigcirc = Ground Light \bigcirc = Backflow Preventer \bigcirc = Storm Manhole \bigcirc = Storm Manhole \bigcirc = Storm Manhole \bigcirc = Electric Service \bigcirc = Electric Service \bigcirc = Wooden Fence \bigcirc = Electric Hand Hole/Manhole \bigcirc = Cable TV \bigcirc = Cable TV \bigcirc = Cable TV \bigcirc = Buried Electric Line	

VERT = VERTICAL

CATHEDRAL CATHOLIC CHURCH PARKING LOT EXPANSION 225 N. HARBOR DRIVE VENICE, FLORIDA 34285	PRELIMINARY	SHEET No.
GENERAL NOTES AND ABBREVIATIONS	DESIGN	Ζ





ASSOCIATES	DATE 05/10/2024	CKD. BY	DATE	EPIPHANY
405 Commercial Court Suite E. Venice, Elerida 34202	DRAWN RMS	DD	02/26/25	
Phone (941) 412-1293. Fax (941) 412-1043	DESIGN DD	KEM	02/26/25	
Certificate of Authorization No. 3934	SCALE @ 24x36"	DMK NO.	24-0080	



Drawing name: F: \Projects\2024\24-0080 Epiphany Church Parking Lot\dwg\24-0080_Site.dwg Tab: SHT 5 Date Printed: Thu, 06 Mar 2025 - 12:1







- NOTES: 1. CONCRETE TO BE F.D.O.T. CLASS | OR EQUAL. (2,500 P.S.I. MINIMUM STRENGTH)
- 2. CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 520.
- BETWEEN CURBS AND CONCRETE PAVEMENT ONLY.







DETECTABLE WARNING SURFACE SHALL BEGIN 2' FROM NEAREST EDGE OF CURB AND EXTEND TO FARTHEST EDGE TO FIT FIELD CONDITIONS.











ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES FROM THE BACK-OF-CURB, OR EDGE OF PAVEMENT IF NO CURB EXISTS.

DETECTABLE WARNING DETAIL NTS

				AJAX PAVING INDUSTRIES
				NORTH VENICE, FLORIDA 34275
\triangle No.	REVISION	DATE	BY	(941) 486-3600





L____









TYPE "D" CURB, PER ¬

DETAIL ON THIS SHEET

3' TRANSITION

PAVEMENT -SURFACE

TYPE "D" CURB TRANSITION DETAIL N.T.S.



ASSOCIATES	DATE 05/10/2024	CKD. BY	DATE	EPIPH/
 405 Commercial Court Suite E Venice Elerida 34202	DRAWN RMS	DD	02/26/25	
Phone (941) 412-1293, Fax (941) 412-1043	DESIGN DD	KEM	02/26/25	
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	Ľ	)	-0	<u>~ (3</u>	3) SUBGRADE
	ROADWAY	SECTION DESIGN (MINIMU	M THICKNES	<u>S)</u>	
	STREET CLASSIFICATION	(1) ASPHALT SURFACE:	(2) BASE B-12.5 CTB	CCA (3) SI	UB-GRADE: E B STAB.
	PRIVATE ACCESSWAY & LIGHT DUTY PARKING	2" TYPE SP-9.5 (INSTALLED AS TWO 1" LIFTS)	4" 8"	8" 8" M	IIN 40 LBR
	RESIDENTIAL STREET	2" TYPE SP-9.5 (INSTALLED AS TWO 1" LIFTS)	5" 10"	10" 12" N	MIN 40 LBR
	INDUSTRIAL STREET (PUBLIC/PRIVATE)	2" TYPE SP-12.5 & 1" TYPE FC-9.5	5" 10"	10" 12" N	MIN 40 LBR
	COLLECTOR / ARTERIAL STREET	3" TYPE SP-12.5 & 1" TYPE FC-9.5	5" 10"	10" 12" N	MIN 40 LBR
<ul> <li>4.) CEMENT TREATED BASE: <ul> <li>a.) THE MATERIAL TO BE USED AS THE FILLER AGGREGATE IN CTB MUST BE LBR TESTED PRIOR TO DESIGN FORMULATION (ADDING CEMENT). THIS MATERIAL MUST ACHIEVE AN LBR VALUE OF ≥ 100.</li> <li>b.) CTB DESIGN CRITERION SHOULD TARGET RANGE FROM 175 TO 275 PSI ON 7 DAY BREAK. TESTING MUST BE PROVIDED TO VERIFY THE COMPRESSIVE STRENGTH OF THE MIX.</li> </ul> </li> <li>5.) ALL GRANULAR COURSES OF ROAD CONSTRUCTION MUST BE COMPACTED TO 98% OF ITS OPTIMUM DENSITY AS PER T-180 (AASHTO). CTB SHALL BE COMPACTED TO 98% OF ITS LAB FORMULATION DENSITY (AASHTO T-99).</li> <li>6.) ALL MINERAL MATERIALS USED IN CONSTRUCTION OF ROADWAYS MUST MEET THE FOLLOWING CRITERIA: <ul> <li>a.) FINES (PASSING # 200 SIEVE) MUST BE LIMITED TO ≤ 12%, ORGANICS LIMITED TO ≤ 5%, NO DELETERIOUS MATERIALS.</li> </ul> </li> <li>7.) SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD MANUAL).</li> <li>8.) ALL CITY STREET SIGNS WILL BE BLUE BACKGROUND WITH 6° WHITE LETTERS AND CONSTRUCTED WITH HIGH INTENSITY REFILECTORIZED MATERIAL. ALL STREET SIGNS SHALL BE 9 INCHES WIDE AND APPROVED BY THE DIRECTOR OF PUBLIC WORKS PRIOR TO INSTALLATION.</li> <li>9.) ALL CURB PADS SHALL MEET THE SAME STRUCTURAL AND COMPACTION STANDARDS AS ROAD SUB GRADE. THESE PADS WILL EXTEND TO AT LEAST 12" BEYOND THE CURB.</li> <li>10.) UNDERDRAINS OR SIDEDRAINS MAY BE INCLUDED WHEN THE GROUND WATER LEVELS MAY AFFECT THE STRUCTURAL INTEGRITY OF THE ROAD. THIS DESIGN SHALL BE THE RESPONSIBILITY OF ENGINEER OF RECORD.</li> <li>11.) ANY PROPOSED TRAFFIC CALMING DEVICES MUST BE APPROVED BY THE CITY ENGINEER &amp; FIRE CHIEF.</li> </ul>					
10.) 11.)	ASPHALT COURSES AND CONCRETE S	HALL NOT BE PLACED WHILE RAIN	IS FALLING, OR W	HEN THERE IS	STANDING WATER
10.) 11.) 12.)	ON THE SURFACE TO BE COVERED.	EEN ALL ASPHALT LAYERS.			
10.) 11.) 12.) 13.)	ON THE SURFACE TO BE COVERED. TACK COAT SHALL BE APPLIED BETW				
10.) 11.) 12.) 13.)	TACK COAT SHALL BE APPLIED BETWE	CAL ROADWAY	SECT		N.T.
10.) 11.) 12.) 13.)	TACK COAT SHALL BE APPLIED BETWE TACK COAT SHALL BE APPLIED BETWE TYPIC	CAL ROADWAY			N.1 DATE
10.) 11.) 12.) 13.)	TACK COAT SHALL BE APPLIED BETWE TACK COAT SHALL BE APPLIED BETWE TYPIC 401 W VENICE EERING DEPARTMENT 401 W VENICE (941) 486	CAL ROADWAY EAVE 34285 3-2626 ENGIN			N.T DATE JAN 2024
10.) 11.) 12.) 13.)	TACK COAT SHALL BE APPLIED BETWE TACK COAT SHALL BE APPLIED BETWE TYPIC OF VENICE EERING DEPARTMENT 401 W VENIC VENICE, FL (941) 486	CAL ROADWAY EAVE 34285 3-2626 TYPICAL	ROAD	WAY	N.T DATE JAN 2024 SHEET NO.

AJAX PAVING INDUSTRIES ONE AJAX DRIVE NORTH VENICE, FLORIDA 3427 (941) 486-3600					
ONE AJAX DRIVE ONE AJAX DRIVE NORTH VENICE, FLORIDA 3427 (941) 486-3600					AJAX PAVING INDUSTRIES
NORTH VENICE, FLORIDA 3427					
NORTH VENICE, FLORIDA 3427					
					NORTH VENICE, FLORIDA 34275
	∆No.	REVISION	DATE	BY	(941) 486-3600





	ASSOCIATES	DATE 05/10/2024	CKD. BY	DATE	EPIPHANY
	405 Commercial Court, Suite E, Venice, Elorida 34202	DRAWN RMS	DD	02/26/25	
	Phone (941) 412-1293, Fax (941) 412-1043	DESIGN DD	KEM	02/26/25	
•	Certificate of Authorization No. 3934	SCALE @ 24x36"	DMK NO.	24-0080	

CATHEDRAL CATHOLIC CHURCH PARKING LOT EXPANSION 225 N. HARBOR DRIVE VENICE, FLORIDA 34285	
CITY OF VENICE STANDARD DETAILS	DE

#### EROSION CONTROL NOTES (IF APPLICABLE)

#### . GENERAL

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

#### 2. WETLAND PROTECTION

IN AREAS OF CONSTRUCTION ADJACENT TO WETLANDS, THE FOLLOWING SHALL BE PERFORMED:

- THE ACTUAL WETLAND AND REQUIRED BUFFERS. AS SHOWN ON THE PLANS, MUST BE ESTABLISHED AND ROPED OFF PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY ADJACENT TO SAID AREAS.
- PRIOR TO THE PLACEMENT OF ANY FILL MATERIAL ADJACENT TO WETLANDS OR BUFFER AREAS, A SILTATION BARRIER SHALL BE CONSTRUCTED.
- NO RIM DITCHING OF THE WETLANDS SHALL BE PERFORMED. WATER LEVELS IN THE WETLANDS SHALL BE MAINTAINED ACCORDING TO LEVELS EXISTING PRIOR TO SITE DISTURBANCE.
- IN AREAS OF WETLANDS IN WHICH WORK IS TO BE PERFORMED, SUCH AREAS MUST BE CLEARLY STAKED AND ROPED OFF. ALONG SUCH LIMITS, A SILTATION BARRIER MUST BE CONSTRUCTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF BARRIERS. BARRIERS SHALL REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
- THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY UPON DISTURBANCE OF WETLAND AREAS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ALL PROTECTED AREAS.
- AREAS WHERE IMPACTS WILL BE PERFORMED SHALL BE STRIPPED OF EXISTING MATERIAL AND STOCKPILED FOR USE IN THE RE-CREATION OF THE DISTURBED AREAS OR IN LITTORAL ZONES.

#### 3. EARTH MOVING ACTIVITIES

- THE CONTRACTOR SHALL EXERCISE CARE TO PRESERVE THE NATURAL LANDSCAPE AND SHALL PLAN CONSTRUCTION OPERATIONS SO AS TO PREVENT ANY UNNECESSARY DESTRUCTION, SCARRING, OR DEFACING OF THE NATURAL SURROUNDINGS. EXCEPT WHERE CLEARING IS REQUIRED FOR PERMANENT WORK, FOR APPROVED CONSTRUCTION ROADS, OR FOR EXCAVATION OPERATIONS, ALL TREES, NATIVE SHRUBBERY AND VEGETATION SHALL BE PRESERVED AND SHALL BE PROTECTED FROM DAMAGE WHICH MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OPERATIONS AND EQUIPMENT.
- THE FIRST STAGE OF THE EARTH MOVING ACTIVITY SHALL BE CONFINED TO THE EXCAVATION OF THE STORMWATER FACILITY.
- TOPSOIL SHOULD BE TAKEN FROM THE CONSTRUCTION AREAS AND SHOULD BE STOCKPILED FOR REUSE IN FINISHED GRADING. STOCKPILES SHOULD BE PLACED SO AS NOT TO ADD ANY ADDITIONAL SEDIMENT TO THE CONSTRUCTION. THE STOCKPILES SHOULD BE MULCHED AND/OR SEEDED WHEN EXPOSED BEYOND THIRTY (30) DAYS.
- GRADED AREAS ARE TO BE SEEDED AND/OR SODDED WITHIN THIRTY (30) DAYS FOLLOWING EARTH MOVING PROCEDURES. IF THE TIME OF YEAR IS NOT CONDUCIVE FOR PERMANENT SEEDING, A TEMPORARY MULCH AND/OR SEEDING SHOULD BE USED.
- TEMPORARY DIVERSION BERMS AND/OR BARRIERS SHALL BE REMOVED ONLY AFTER THE CONSTRUCTION OF THOSE AREAS DIRECTED TO THE BERMS AND/OR BARRIERS HAVE BEEN COMPLETED.
- THE SILT COLLECTION PONDS SHOULD BE REMOVED AND/OR REGRADED FOR PERMANENT USE, AS THE FINAL GRADING AND SEEDING OVERLAP THE AREA USED BY SAME.

#### 4. FILLS

- a. LAND TO BE CUT OR FILLED SHOULD BE CLEARED OF TREES, STUMPS, ROOTS, BRUSH, BOULDERS, SOD AND DEBRIS.
- b. FILL AREAS SHOULD BE SCARIFIED, KEYED AND DRAINED.
- c. FILL MATERIAL SHOULD BE FREE OF SOD, ROOTS, OR OTHER DECOMPOSABLE MATERIAL.
- d. THE PLACING AND SPREADING OF FILL MATERIAL SHOULD BE STARTED AT THE LOWEST POINT.
- 9. GENERALLY, A 1:6 SLOPE SHOULD BE USED UNLESS SPECIFIC ENGINEERING DATA SHOWS A STEEPER SLOPE IS STABLE. SLOPES OF 1:4 OR FLATTER ARE DESIRABLE FOR EROSION CONTROL AND MAINTENANCE.
- FILLS SHOULD BE SEEDED AND/OR MULCHED IMMEDIATELY UPON COMPLETION OF EARTH PLACEMENT.
- WATER MANAGEMENT SYSTEMS SHOULD BE PROVIDED TO PREVENT WATER CONCENTRATION AND ERODING THE FACE OF THE SLOPE. KEEP SURFACE WATER OFF THE FACE OF THE SLOPE.

#### 5. CUTS

- DIVERSIONS SHOULD BE CONSTRUCTED AT TOP OF THE SLOPES PRIOR TO CUTTING OPERATIONS TO CONVEY WATER FROM FACE OF SLOPE.
- STEEPNESS OF CUTS WILL DEPEND ON SOIL TYPE AND DESIGN; HOWEVER, CUT SLOPES OF 1:4 OR FLATTER ARE DESIRABLE FOR EROSION CONTROL AND STABILITY.
- CUT SLOPES SHOULD BE BENCHED TO PROVIDE ACCESS FOR SEEDING AND MULCHING EQUIPMENT.
- d. CUT SLOPES SHOULD BE SEEDED AND/OR MULCHED IMMEDIATELY AFTER REMOVAL OF EARTH.
- 6. TEMPORARY SEDIMENT BASIN AND PERMANENT STORMWATER BASINS

#### a. SITE PREPARATION

AREAS UNDER THE EMBANKMENT AND ANY STRUCTURAL WORKS SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIALS. IN ORDER TO FACILITATE CLEAN-OUT AND RESTORATION, THE POOL AREA (MEASURED AT THE TOP OF THE SPILLWAY) WILL BE CLEARED OF ALL BRUSH AND TREES.

#### b. CUT-OFF TRENCH

A CUT-OFF TRENCH, WHEN POND DEPTHS ARE IN EXCESS OF THREE FEET, SHALL BE EXCAVATED ALONG THE CENTERLINE OF EARTH FILL EMBANKMENTS. THE MINIMUM DEPTH SHALL BE TWO FEET. THE CUT-OFF TRENCH SHALL EXTEND UP BOTH ABUTMENTS TO THE RISER CREST ELEVATION. THE MINIMUM BOTTOM DEPTH SHALL BE FOUR FEET, BUT WIDE ENOUGH TO PERMIT OPERATION OF EXCAVATION AND COMPACTION EQUIPMENT. THE SIDE SLOPES SHALL BE NO STEEPER THAN 1:1. COMPACTION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR THE EMBANKMENT. THE TRENCH SHALL BE DEWATERED DURING THE BACKFILLING-COMPACTING OPERATIONS.

#### EMBANKMENT

THE FILL MATERIAL SHALL BE TAKEN FROM APPROVED BORROW AREAS. IT SHALL BE CLEAN SOIL FREE OF ROOTS. WOODY VEGETATIONS, OVER-SIZED STONES, ROCKS OR OTHER OBJECTIONABLE MATERIAL. AREAS ON WHICH FILL IS TO BE PLACED SHALL BE SCARIFIED PRIOR TO PLACEMENT OF FILL, FILL MATERIAL SHALL BE PLACED IN SIX TO EIGHT INCHES THICK CONTINUOUS LAYERS OVER THE ENTIRE LENGTH OF THE FILL. COMPACTION SHALL BE OBTAINED BY ROUTING HAULING EQUIPMENT OVER THE FILL SO THAT THE ENTIRE SURFACE OF EACH LAYER OF THE FILL IS TRAVERSED BY AT LEAST ONE WHEEL OF TREAD TRUCK OF THE EQUIPMENT OR BY THE USE OF A COMPACTOR. THE EMBANKMENT SHALL BE CONSTRUCTED TO AN ELEVATION OF 10% HIGHER THAN THE DESIGN HEIGHT TO ALLOW FOR SETTLEMENT IF COMPACTION IS OBTAINED WITH HAULING EQUIPMENT. IF COMPACTORS ARE USED FOR COMPACTION, THE OVERBUILD MAY BE REDUCED TO NOT LESS THAN 5%.

#### d. PIPE SPILLWAYS

THE RISER SHALL BE SECURELY ATTACHED TO THE BARREL OF THE OUTFALL PIPE. THE BARRE AND RISER SHALL BE PLACED ON A FIRM, SMOOTH SOIL FOUNDATION. THE CONNECTION BETWEEN THE RISER AND RISER BASE SHALL BE WATERTIGHT. THE FILL MATERIAL AROUND THE PIPE SPILLWAY SHALL BE PLACED IN FOUR INCH LAYERS AND COMPACTED UNDER THE SHOULDERS AND AROUND THE PIPE TO AT LEAST THE SAME DENSITY AS THE ADJACENT EMBANKMENT. HAND COMPACTED BACKFILL SHALL BE PLACED OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT.

#### e. EROSION POLLUTION CONTROL

CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED. STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEMENT SHALL BE COMPLIED WITH.

REVISION

- MAINTENANCE
- THE END OF EACH WORK DAY.
- FLOOD PLAIN.
- CLEANED AND REPAIRED.

MATERIAL SHALL BE BORNE BY THE CONTRACTOR.

COMPLETE.

