CITY OF FORT THOMAS CAMPBELL COUNTY, KENTUCKY

CARMEL MANOR ROAD RE-ALIGNMENT

242342

CITY OF FORT THOMAS OFFICIALS

MAYOR

ERIC HAAS

CITY CLERK

CITY ADMINISTRATOR

MELISSA BECKETT

MATTHEW KREMER

VILLAGE COUNCIL MEMBERS

JEFF BEZOLD

ADAM BLAU

ANDY ELLISON LAUREN MCINTOSH

BEN PENDERY

ERIC STRANGE

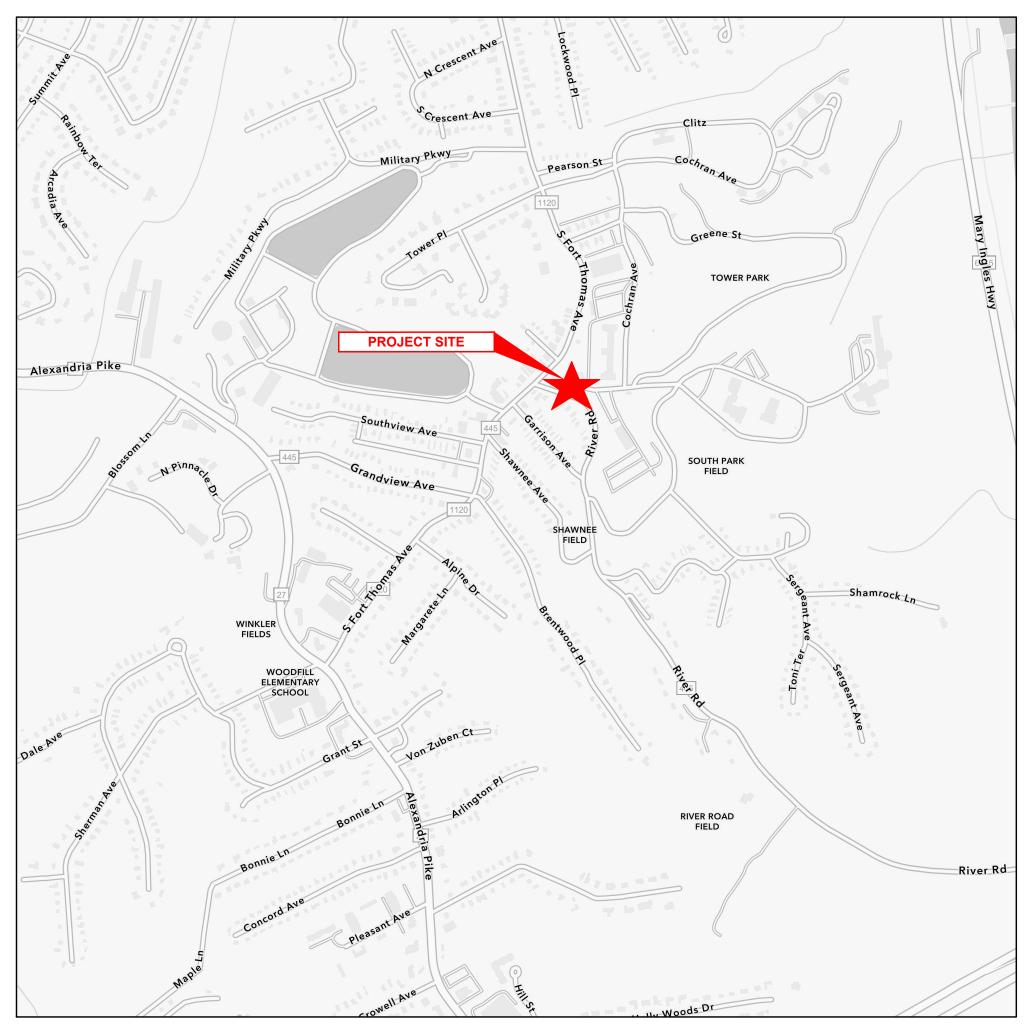


K.T.C SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE KENTUCKY TRANSPORTATION CABINET, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO AND CITY OF FORT THOMAS ENGINEERING DEPARTMENT REQUIREMENTS SHALL GOVERN THIS IMPROVEMENT.

SOURCE OF BOUNDARY INFORMATION

THE BOUNDARY INFORMATION SHOWN ON THESE PLANS IS BASED UPON CAMPBELL COUNTY G.I.S. MAPPING AND DOES NOT REPRESENT AN ACTUAL FIELD BOUNDARY SURVEY BY CT CONSULTANTS, INC.



VICINITY MAP N.T.S

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PROJECT NO. 242342 DISCIPLINE CIVIL SHEET NAME TTL

FRANK TWEHUES

GENERAL NOTES	UTILITY NOTES	MAINTENANCE OF TRAFFIC NOTES	SYMBOL LEGEND	
ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS,	1. THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND			
THE LATEST EDITION OF THE CAMPBELL COUNTY SUBDIVISION REGULATIONS AND THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.	UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.). THE PREPARER DOES NOT GUARANTEE THEIR ACCURACY OR CORRECTNESS. THE INFORMATION PROVIDED SHALL BE	ALL MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENT OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SECTION 112 OF KTC STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN ACCESS	——————————————————————————————————————	
2. THERE SHALL BE NO DEVIATION FROM THE APPROVED PLANS WITHOUT PRIOR	FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE	TO LOCAL TRAFFIC (ACCESS TO RESIDENCES WITHIN CONSTRUCTION LIMITS) AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SIGN, WARNING	——————————————————————————————————————	
WRITTEN APPROVAL FROM THE OWNER OR THEIR REPRESENTATIVE. ANY DEVIATION FROM THESE PLANS WITHOUT PRIOR WRITTEN APPROVAL SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE.	LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING ANY	LIGHTS, BARRICADES, OR OTHER NECESSARY DEVICES MAKE THE SITE SAFE TO THE TRAVELING PUBLIC.	—— — W —— W —— W —— EXISTING WATER MAIN	
3. THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING AGENCY FOR	SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.	2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT.	——————————————————————————————————————	
ALL REQUIRED TESTING. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT	 PRIOR TO ANY EXCAVATION OVER AN EXISTING UTILITY LINE OR SERVICE, CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THE 	3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY OF FORT THOMAS AND THE FORT THOMAS POLICE DEPARTMENT. AT ALL TIMES,	——————————————————————————————————————	S
STAKING INCLUDING HORIZONTAL AND VERTICAL CONTROL. ANY DISCREPANCIES DISCOVERED IN THE PLAN INFORMATION, OR BETWEEN THE PLAN AND ELECTRONIC DATA SHALL BE BROUGHT TO THE IMMEDIATE	UTILITY AND DETERMINE LOCATION AND DEPTH. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS.	EMERGENCY VEHICLES SHALL BE GIVEN ACCESS. 4. RESIDENTS OF THE PROJECT AREA SHALL BE ALLOWED ACCESS TO THEIR	——————————————————————————————————————	l Ö
ATTENTION OF THE DESIGN ENGINEER SO THE APPROPRIATE ADJUSTMENTS MAY BE MADE.	 TOPS OF EXISTING AND PROPOSED CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER AND 	PROPERTY AT ALL TIMES.	— ×—— ×—— ×—— ×—— ×—— EXISTING FENCE	نهٔ ا
5. ALL WORK SHALL BE LIMITED TO THE PROPERTIES AND EASEMENTS IDENTIFIED ON THE PLANS. ANY WORK WITHIN THE PUBLIC RIGHT OF WAY IS	REQUIREMENTS OF UTILITY OWNER. THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.	 ALTERNATE ROUTES OR CONTINUOUS TRAFFIC CONTROL SHALL BE EMPLOYED WHEN A PUBLIC WAY IS TEMPORARY BLOCKED DURING CONSTRUCTION, INCLUDING PEDESTRIAN AND BICYCLE FACILITIES. ADVANCED NOTICE SIGNS IN 	EXISTING CONTOURS (MAJOR)	
SUBJECT TO INSPECTIONS AND ENCROACHMENT PERMITS FROM THE JURISDICTION HAVING AUTHORITY OVER THE RIGHT-OF-WAY. REQUIREMENTS OF SUCH PERMITS ARE INCORPORATED INTO THESE DOCUMENTS BY	4. FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE KENTUCKY UTILITY PROTECTION SERVICE AND ALL OTHER UTILITIES	ACCORDANCE WITH THE MUTCD SHALL BE EMPLOYED.	——————————————————————————————————————	O
REFERENCE.	THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF KENTUCKY UNDERGROUND PROTECTION.		——————————————————————————————————————	0
6. ANY DEFECTS IN CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP, SHALL BE REPLACED OR CORRECTED BY THE CONTRACTOR BY REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY	5. THE SITE MAY CONTAIN EXISTING PRIVATELY OWNED UTILITIES. THESE HAVE BEEN SHOWN AS ACCURATELY AS POSSIBLE BASED ON EXISTING		EXISTING TREE LINE	
THE OWNER WITH NO ADDITIONAL COMPENSATION.	UTILITY INFORMATION, BUT THE PREPARER OF THESE DOCUMENTS DOES NOT ATTEST TO THEIR ACCURACY OR CORRECTNESS. IT SHALL	GRADING AND EROSION CONTROL NOTES	——————————————————————————————————————	U
 CONTRACTOR SHALL SUBMIT A PLAN OF OPERATIONS FOR REVIEW AND APPROVAL BY THE ARCHITECT THAT WILL INDICATE EQUIPMENT STAGING AREAS, STOCKPILE LOCATION AND SANITATION FACILITIES. 	BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A PRIVATE UTILITY MARKING AGENCY TO IDENTIFY AND LOCATE ALL PRIVATE UTILITIES WITHIN THE WORK SITE. THIS MAY INVOLVE THE EXCAVATION	ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED AND MULCHED) BY THE	——————————————————————————————————————	
RIGHT-OF-WAY AND PROPERTY LINES SHOWN ARE PLOTTED FROM CAMPBELL COUNTY G.I.S. MAPPING AND ARE APPROXIMATE AND NOT THE RESULT OF A	AND UNCOVERING OF UTILITIES TO VERIFY LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS. CONTRACT SHALL MAKE RECORDS OF ALL PRIVATE UTILITIES ENCOUNTERED DURING THE	CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING ANY EXCESS MATERIALS AT THE SITE AND MAINTAINING ALL SEEDED AND MULCHED AREAS	T-UG ————————————————————————————————————	
FIELD BOUNDARY SURVEY.	PROJECT.	UNTIL PROJECT COMPLETION AND FINAL INSPECTION PER KDOT SPEC. 212. ALL DISTURBED AREAS SHALL BE RESTORED WITHIN TWENTY-ONE (21) DAYS AFTER CONSTRUCTION.	PROPOSED WATER MAIN WS WS WS WS WS PROPOSED WATER SERVICE	OATE
 ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION. 	 RECORD DRAWINGS OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT. 	2. ALL APPLICABLE RECOMMENDATIONS IN KENTUCKY'S BEST MANAGEMENT	PROPOSED STORM SEWER — — — UD — — UD — PROPOSED UNDERDRAIN	
11. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL CAMPBELL COUNTY AND THE CITY OF FORT THOMAS PERMITS HAVE BEEN ISSUED AS REQUIRE		PRACTICES MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR, INCLUDING SEEDING OF DISTURBED GROUND.	——————————————————————————————————————	
12. APPROPRIATE BARRICADES, WARNING LIGHTS, SIGNS, FENCING ETC. SHALL BE ERECTED AROUND THE CONSTRUCTION AREA DURING NON-WORKING HOURS TO ALERT PERSONS OF THE POTENTIAL DANGER ASSOCIATED WITH THE AREA		3. ADDITIONAL BMP'S AND EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY. ALL COST FOR ABOVE SHALL BE INCLUDED IN LUMP SUM BID FOR EROSION CONTROL AND WATER POLLUTION	 PROPOSED SANITARY SEWER FM PROPOSED SANITARY FORCE MAIN	
UNDER CONSTRUCTION AS WELL AS TO PREVENT ACCESS BY UNAUTHORIZED PERSONNEL. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY		CONTROL. 4. ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR	——————————————————————————————————————	N O
OF THE GENERAL PUBLIC AS WELL AS ALL CONSTRUCTION PERSONNEL. 13. ANY EXISTING ROADWAY, LAWN, CURB, SIDEWALK OR OTHER APPURTENANCE		SHALL BE RESPONSIBLE FOR MEANS, METHODS AND MATERIALS OF CONSTRUCTION. THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR	PROPOSED CONTOURS (MAJOR) 648 PROPOSED CONTOURS (MINOR)	REVIS
DISTURBED DURING CONSTRUCTION NOT DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE RESTORED BY THE CONTRACTOR WITHOU ADDITIONAL COMPENSATION TO A CONDITION EQUAL TO OR BETTER THAN		THE SUITABILITY OF MATERIAL UNDERLYING THE PROJECT SITE. THE CONTRACTOR SHALL PERFORM ANY INVESTIGATIONS OR TESTING NECESSARY TO ADEQUATELY DETERMINE OR ESTIMATE TO THEIR	——————————————————————————————————————	
THAT WHICH EXISTED PRIOR TO DISTURBANCE.		SATISFACTION ANY EXISTING SITE CONDITION WHICH COULD AFFECT HIS BID OR THE PERFORMANCE OF THE PROPOSED IMPROVEMENTS. THIS COULD INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE OR UNSTABLE		
14. ANY TEMPORARY UTILITY REQUIRED BY THE CONTRACTOR (ELECTRIC, WATER ETC.) SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR.		SOIL/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), OBSTRUCTIONS ETC.	PROPOSED TREE LINE / CLEARING LIMITS PROPOSED DISTURBED LIMITS	
15. THE CONTRACTOR SHALL PRESERVE ALL BENCHMARKS, PROPERTY LINE REFERENCES, REFERENCE POINTS, STAKES AND ANY OTHER SURVEY REFERENCE. IN CASE OF DISTURBANCE THE CONTRACTOR SHALL REPLACE		5. ALL TREES AND OTHER VEGETATION WITHIN THE PROJECT LIMITS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED, INCLUDED STUMP	\bowtie	9
THEM AT THE CONTRACTOR'S EXPENSE, BE RESPONSIBLE FOR ANY ERRORS THAT MAY BE CAUSED BY THEIR LOSS OR DISTURBANCE.		REMOVAL. 6. THE CONTRACTOR SHALL REMOVE ALL SURPLUS DEMOLISHED AND WASTE	## EXISTING FLAGPOLE PROPOSED FLAGPOLE ### PROPOSED MAILBOX ### PROPOSED MAILBOX	BID 2025 2025 OWN ALAC
16. ALL PROPOSED CONCRETE PAVEMENT ABUTTING EXISTING PAVEMENT SHALL BE DOWELED INTO EXISTING CONCRETE PAVEMENT USING A ½" DEFORMED		MATERIALS, INCLUDING TREES, STUMPS, TRASH AND DEBRIS, FROM THE PROJECT LIMITS AND DISPOSE OF OFF-SITE. IN NO INSTANCE SHALL MATERIAL	PROPOSED SIGN	3/12// AS SHG
DOWEL WITH 9" MINIMUM EMBEDMENT. 17. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE		BE BURIED ON-SITE. 7. THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIAL DEEMED	PROPOSED CABLE PEDESTAL EXISTING ELECTRIC PEDESTAL EXISTING ELECTRIC PEDESTAL EXISTING ELECTRIC PEDESTAL	
FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL		UNSUITABLE FOR EMBANKMENT BY THE OWNER'S REPRESENTATIVE AND BE DISPOSED OF OFF-SITE.	B EXISTING PULL BOX B PROPOSED ELECTRIC PEDESTAL PROPOSED PULL BOX	JED FO JE DATI LE: IGNED .WN BY
CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR		8. THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN 1" OF GRADES SHOWN ON THE PLANS.	© EXISTING GROUND LIGHT © PROPOSED GROUND LIGHT	ISSI ISSI SCA DES
CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.		9. TOPSOIL SHALL BE STRIPPED AND SOCKPILED FROM ALL AREAS TO BE GRADED, TO WHATEVER DEPTH ENCOUNTERED, AND IN A MANNER TO	- PROPOSED LIGHT POLE EM EXISTING ELECTRIC METER EM PROPOSED ELECTRIC METER	
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO		PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL. SOILD SHALL NOT BE STOCKPILED NEAR THE EDGE OF EXCAVATIONS OR WITHIN DRIP LINES OF TREES TO REMAIN.	© EXISTING ELECTRIC MANHOLE © PRPOSED ELECTRIC MANHOLE	
THE SUBMISSION OF THE BID. SUBMISSION OF A BID SHALL BE CONSTRUED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH THE CONDITIONS AND CONSTRAINTS OF THE SITE.		EXCESS SOIL GENERATED FROM TRENCH EXCAVATIONS SHALL BE INCORPORATED IN THE UNIT PRICE BID FOR EXCAVATION INCLUDING	GM EXISTING GAS METER GM PROPOSED GAS METER -GV	
19. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT/FACE OF CURB.		EMBANKMENT CONSTRUCTION. ANY EXCESS SOIL UNABLE TO BE PLACED ON-SITE OR DEEMED UNSUITABLE FOR EMBANKMENT BY THE ENGINEER SHALL	©F EXISTING GAS VALVE ©F PROPOSED GAS VALVE ©F PROPOSED GAS BOX	
 SPOT ELEVATIONS ARE TO TOP OF FINISHED GRADE (PAVEMENT/GROUND) UNLESS OTHERWISE NOTED. 		BE DISPOSED OF OFF-SITE. 11. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS IN THE	ϕ EXISTING UTILITY POLE ϕ PROPOSED UTILITY POLE	
21. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL FOR ANY RETAINING WALLS OR MASONRY WORK RELATED TO THE PROJECT.		SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR EXCAVATION AND EMBANKMENT TO CONSTRUCT THE IMPROVEMENTS AND ACHIEVE THE FINISHED GRADES SHOWN ON THE PLANS.	(EXISTING GUY WIRE / ANCHOR (PROPOSED GUY WIRE / ANCHOR	
		12. NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE,	© PROPOSED SANITARY MANHOLE OSCO EXISTING SANITARY CLEANOUT OSCO PROPOSED SANITARY CLEANOUT	M M M M M M M M M M M M M M M M M M M
		RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE SHALL BE USED AS FILL.	EXISTING STORM MANHOLE PROPOSED STORM MANHOLE	
		13. EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN CONDITIONS TO PREVENT PONDING OF WATER AFTER RAINS.	EXISTING SINGLE / DOUBLE CURB INLET PROPOSED CATCH BASIN PROPOSED CATCH BASIN	
		14. ALL EXISTING AND PROPOSED MANHOLE COVERS, VALVE BOXES, ETC. LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.	CDCO EXISTING STORM CLEANOUT ODCO PROPOSED STORM CLEANOUT	
		15. SLOPE ALL PAVING AND LANDSCAPE AREAS AWAY FROM THE BUILDING AT A	EXISTING TELEPHONE MANHOLE DCO TYPE THE PROPOSED TELEPHONE MANHOLE DCO TYPE THE PROPOSED TELEPHONE MANHOLE	AE SAL
		MINIMUM OF 1% 16. THE ENGINEER MAKES NO REPRESENTATION AS TO A BALANCED EARTHWORK	 	
		SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE FINAL SITE GRADES AS INDICATED ON THE GRADING PLAN, INCLUDING THE IMPORT OR EXPORT OF MATERIAL IF REQUIRED TO ACHIEVE THE PROPOSED GRADES.	EXISTING WATER METER PROPOSED WATER METER	
		ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF ALL SURPLUS EARTHWORK, DEBRIS OR WASTE	EXISTING WATER VALVE PROPOSED WATER VALVE PROPOSED WATER VALVE PROPOSED WATER VALVE	
		FROM THE SITE. ALL COST FOR THE ABOVE SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE FOR EXCAVATION AND/OR EMBANKMENT.	BM# REMOVE EXISTING BUSH / TREE	
		17. THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY EARTHWORK OPERATIONS.	EXISTING SURVEY BENCHMARK PROPOSED SLOPE DIRECTION TEST BORING LOCATION	
		18. MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR(S)	*B#	PROJECT NO.
		19. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF REPAIR AND/OR		242342 DISCIPLINE
		REPLACEMENT OF BMP'S		CIVIL SHEET NAME
			· ·	NOTES
			· ·	SHEET OF 4

