4/4 = 7/2/3**MADISON PARK-N-RIDE** IMPROVENENTS LAKE COUNTY, OHIO February, 2024

ADMINISTRATION:

BEN CAPELLE CHIEF EXECUTIVE OFFICER
ANDREA AABY DIRECTOR OF COMPLIANCE AND DEVELOPMENT
KEITH BARE DIR. OF MAINTENANCE
SHEILA BARE HUMAN RESOURCE GENERALIST
NICK BORELLI ASSISTANT DIRECTOR VEHICLE MAINTENANCE
LISA COLLING DIRECTOR OF FINANCE
JORDAN GARDNER COMMUNICATIONS SPECIALIST
EMILY GILLIAM DIRECTOR OF HUMAN RESOURCES (EEO OFFICER)
KATIE JONES CUSTOMER RELATIONS SUPERVISOR
MATT MAIER DIRECTOR OF OPERATIONS
MARC McLAIN ASSISTANT DIRECTOR FACILITY MAINTENANCE
TONY MELARAGNO DIRECTOR OF INFORMATION TECHNOLOGY
JULIA SCHICK DIRECTOR OF COMMUNICATIONS
TAMMY SKAGGS ASSISTANT DIRECTOR OF OPERATIONS
TRUDY VILCHECK ADMINISTRATIVE COORDINATOR
DALE WIECHELMAN CUSTOMER OUTREACH SPECIALIST

LAKETRAN BOARD OF TRUSTEES:

BRIAN J. FALKOWSKI	PRESIDENT
CHUCK ZIBBEL, PE	VICE-PRESIDENT
DONNA P McNAMEE	OPERATIONS CHAIR
GARY SWANSON	SPECIAL PROJECTS CHAIR

WILLIAM F. EPPICH DANIELLA NUNNALLY LANE H. SHEETS **KIM STENGER**

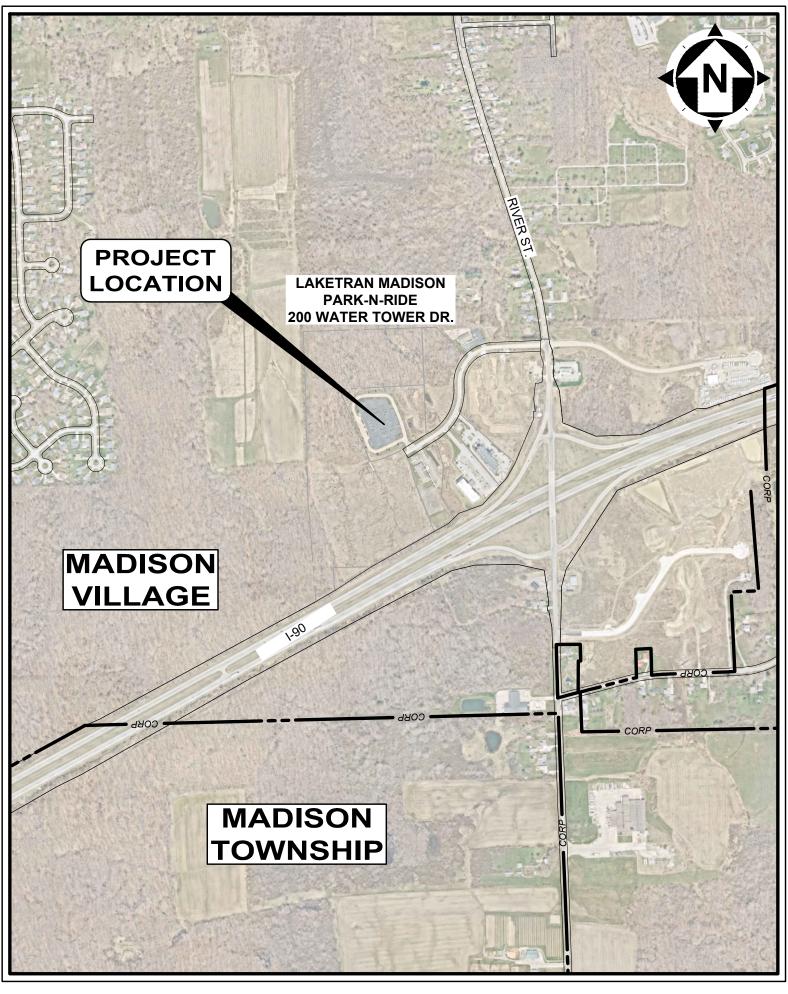


1. THE SURVEY SHOWN ON THESE PLANS WAS OBSERVED IN THE FIELD FOR CONSTRUCTION PURPOSES ONLY AND MAY NOT BE SUITABLE FOR PROPERTY LINE SURVEYS OR ANY OTHER PURPOSE.

UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING. MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO

BUILDINGS

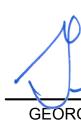
3. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.



1	 COVER
2	 GENER
3	 CONST
4	 SITE LA
5	 ELECT

SITE 1 LOCATION MAP 1'' = 500'



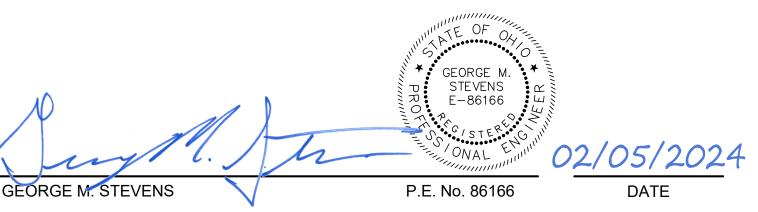


ENGINEER'S PROJECT No. 220496-04

INDEX OF SHEETS

R SHEET RAL NOTES TRUCTION DETAILS **_AYOUT PLAN** RIC PLAN





GENERAL NOTES

- MATERIALS OF WORK FOR "AS DIRECTED" ITEMS SHALL NOT BE ORDERED FOR THE DELIVERY TO THE PROJECT OR WORK PERFORMED UNTIL AUTHORIZED BY THE ENGINEER.
- MANHOLES, CATCH BASINS, MONUMENT BOXES, WATER VALVE BOXES AND OTHER CASTINGS SHALL BE RAISED OR LOWERED FLUSH WITH THE FINISHED SURROUNDING SURFACE. ANY METER OR VALVE BOX ENCOUNTERED WITHIN THE WORK SITE SHALL BE EXPOSED AND ADJUSTED TO GRADE PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID.
- BEFORE THE OWNER WILL APPROVE AND ACCEPT THE WORK AND RELEASE THE GUARANTY RETAINER, THE CONTRACTOR SHALL FURNISH THE CITY A WRITTEN REPORT INDICATING THE RESOLUTION OF ANY AND ALL PROPERTY DAMAGE CLAIMS FILED WITH THE CONTRACTOR BY ANY PARTY DURING THE CONSTRUCTION PERIOD. THE INFORMATION TO BE SUPPLIED SHALL INCLUDE, BUT NOT BE LIMITED TO, NAME OF CLAIMANT, DATE FILED WITH CONTRACTOR, NAME OF INSURANCE COMPANY AND/OR ADJUSTOR HANDLING CLAIM, HOW CLAIM WAS RESOLVED AND IF CLAIM WAS NOT RESOLVED FOR THE FULL AMOUNT, A STATEMENT INDICATING THE REASON FOR SUCH ACTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY WHEN NEEDED OR ORDERED BY THE OWNER WATER OR CALCIUM CHLORIDE PER ODOT 616 FOR THE ALLEVIATION OR PREVENTION OF DUST NUISANCE ORIGINATING FROM HIS CONSTRUCTION ACTIVITIES. SUFFICIENT QUANTITIES OF CALCIUM CHLORIDE SHALL BE STORED ON THE JOB SITE AT ALL TIMES TO BE USED FOR DUST CONTROL. THE COST OF DUST CONTROL SHALL BE INCLUDED IN THE UNIT BID PRICES FOR ALL ITEMS OF THE PROPOSAL
- THE CONTRACTOR SHALL PROVIDE A PRE-CONSTRUCTION VIDEO TAPE SURVEY OF THE ENTIRE PROJECT AREA. ANY DAMAGE DEEMED TO HAVE BEEN CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT HIS OWN EXPENSE. ALL COSTS ASSOCIATED FOR THIS WORK, INCLUDING THE VIDEO TAPE SURVEY, SHALL BE INCLUDED IN THE UNIT PRICES STIPULATED FOR THE VARIOUS ITEMS IN THE BID PROPOSAL UNLESS THERE IS A PRECONSTRUCTION VIDEO DOCUMENTATION BID ITEM INCLUDED IN THE PROJECT.
- A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48-HOUR NOTICE TO LAKETRAN PRIOR TO COMMENCEMENT OF WORK.
- ACCESS TO ALL DRIVEWAYS, AND BUILDINGS, WILL BE MAINTAINED AT ALL TIMES EXCEPT WHEN PAVEMENT REPLACEMENT WILL NOT PERMIT.
- ALL OVER-THE-ROAD VEHICLES USED ON THE PROJECT BY ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE CLEARLY MARKED SHOWING ITS COMPANY SYMBOL.
- ALL SHOP DRAWINGS WILL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

TRENCH EXCAVATION AND BACKFILL

- ALL EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED THE CONTRACTOR FOR ROCK OR SHALE EXCAVATION.
- BACKFILL FOR ALL UNDERGROUND UTILITIES INSTALLED UNDER PAVEMENT, OR WITHIN A 1:1 ZONE OF INFLUENCE PARALLEL OR TRANSVERSE TO PAVEMENT, SHALL BE "COMPACTED GRANULAR BACKFILL" AS DESCRIBED IN SPECIFICATION SECTION 312323.14 AND IN ACCORDANCE WITH THE PLANS. BACKFILL IN OTHER AREAS SHALL BE AS DESCRIBED IN SPECIFICATION SECTION 312323.13 - "COMPACTED BACKFILL" OR SECTION 312323.14 - "COMPACTED GRANULAR BACKFILL". THE OWNER AND THE ENGINEER DO NOT GUARANTEE NOR SUGGEST THE INSITU MATERIAL TO BE EXCAVATED WILL BE SUITABLE OR IN ITS PRESENT STATE WILL CONSIST OF THE PROPER MOISTURE CONTENT TO ACHIEVE THE COMPACTION REQUIREMENTS. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE BACKFILL MATERIAL HE WILL USE. UPON REQUEST, THE OWNER WILL PROVIDE ACCESS TO THE SITE FOR THE CONTRACTOR TO CONDUCT SUCH INVESTIGATION AND TESTS DEEMED NECESSARY TO MAKE HIS DETERMINATION. NO EXTRA PAYMENT WILL BE MADE TO DISPOSE OF UNSUITABLE MATERIAL OR FURNISH AND PLACE SUITABLE MATERIAL MEETING THE REQUIREMENTS OF SECTION 312323.13 "COMPACTED BACKFILL" OR SECTION 312323.14 "COMPACTED GRANULAR BACKFILL"
- SLAG PRODUCTS WILL NOT BE PERMITTED FOR BEDDING OR BACKFILL MATERIAL.
- ALL UTILITY LINES ENCOUNTERED, i.e. STORM LATERALS, SANITARY SEWERS, SANITARY LATERALS, WATER MAINS, WATER SERVICE CONNECTIONS, GAS MAINS, GAS SERVICE CONNECTIONS, UNDERGROUND OBT CONDUITS, CABLE T.V. LINES SHALL BE PROTECTED AND SUPPORTED WITH HARDWOOD PLANKS OR REMOVED AND REPLACED, RECONNECTED AND SUPPORTED ACROSS THE ENTIRE WIDTH OF THE TRENCH. NO ADDITIONAL COMPENSATION WILL BE PAID FOR THE ABOVE WORK, EVEN IF NOT SHOWN ON THE PLANS.
- BACKFILL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 9" IN DEPTH. BACKFILL MATERIAL SHALL BE PLACED WITH 2% OF THE OPTIMUM MOISTURE. THE ENGINEER MAY ORDER THE REMOVAL. REFILLING. RECOMPACTION AND RETESTING OF ALL BACKFILL NOT MEETING THE REQUIREMENTS OF THE CONTRACT.
- BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED USING MACHINE MOUNTED COMPACTION EQUIPMENT IN LAYERS SUFFICIENT TO MEET THE COMPACTION REQUIREMENT ODOT 203.
- NO BACKFILLING OF ANY TRENCHES OR EXCAVATIONS WILL BE PERMITTED WITHOUT TAMPING EQUIPMENT BEING USED. FLOODING, JETTING OR PUDDLING OF BACKFILL WILL NOT BE PERMITTED.

ROADWAY EXCAVATION AND PAVEMENT

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER FORTY-EIGHT (48) HOURS IN ADVANCE OF BEGINNING WORK WHICH REQUIRES PROOF ROLL TESTING AND/OR PRE-POUR INSPECTION PRIOR TO PLACEMENT OF PAVEMENT. WORK WILL NOT BEGIN UNTIL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE ENGINEER.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE BARRICADE DEVICES TO PREVENT VEHICULAR TRAFFIC ON NEW CONCRETE PAVEMENT AND APRONS UNTIL THE END OF THE CURE PERIOD OR THE SPECIMEN TEST BEAMS HAVE ATTAINED A MODULUS OF RUPTURE OF 400 PSI FOR M.S. CONCRETE.
- THE EXCAVATION, EMBANKMENT AND COMPACTION OF THE NEW ROADWAY SUBGRADES IS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS 203. A MINIMUM OF TWO (2) PROOF ROLLINGS WILL BE REQUIRED AS DIRECTED BY THE ENGINEER BEFORE PAVING. THE FIRST PROOF ROLLING SHALL BE PERFORMED AFTER THE INSTALLATION OF ALL UNDERGROUND IMPROVEMENTS AND AFTER FINE GRADING JUST PRIOR TO PAVING. THE PROOF ROLLINGS SHALL BE COMPLETED AS FOLLOWS: EXCAVATION OR EMBANKMENT TO FINISHED SUBGRADE. EMBANKMENTS ARE COMPACTED AND TESTED FOR COMPACTION IN 6" LIFTS PER ODOT 203. THE SUBGRADE IS COMPACTED AND TESTED. THE SUBGRADE FOR THE NEW ROAD IS THEN PROOF ROLLED. AREAS EXHIBITING UNACCEPTABLE MOVEMENT UNDER PROOF ROLLING ARE UNDERCUT TO A DEPTH DIRECTED BY THE ENGINEER AND BACKFILLED WITH MATERIALS SPECIFIED IN THE PLANS. THE SUBGRADE IS RE-PROOF ROLLED TO VERIFY THE UTILITY OF THE UNDERCUT. UPON PASSING THE PROOF ROLL THE AREA IS APPROVED FOR THE INSTALLATION OF THE BASE MATERIAL. THE AGGREGATE BASE MATERIAL IS PLACED PER ODOT SPECIFICATIONS, COMPACTED, TESTED AND PROOF ROLLED. UPON PASSING THE PROOF ROLL THE SPECIFIED TOP COURSES OF RIGID PAVEMENT MAY BE INSTALLED MOISTURE CONTENT OF THE SUBGRADE AT THE TIME OF PROOF ROLLING SHALL CONFORM TO SECTION 203.11 OF THE ODOT SPECIFICATIONS. THE MINIMUM EQUIPMENT SHALL CONSIST OF A SINGLE UNIT, TANDEM AXLE DUMP TRUCK CAPABLE OF BEING LOADED TO 30,000 POUND AXLE LOAD, 60,000 POUND GVW. TIRE PRESSURE SHALL BE MAINTAINED AT 90 PSI OR AS SPECIFIED UNDER SECTION 203.14 OF ODOT SPECIFICATIONS. ANY AREA PERMITTING TIRES TO LEAVE A GROOVE OF ONE (1) INCH OR MORE SHALL BE UNACCEPTABLE FOR PAVING. ANY AREA PERMITTING THE TEST VEHICLE TIRES TO LEAVE A GROOVE OF ZERO (0) TO ONE-HALF (1/2) INCH DEEP SHALL BE ACCEPTABLE. ANY AREA PERMITTING THE TEST VEHICLE TIRES TO LEAVE A GROOVE OF ONE-HALF (1/2) INCH TO ONE (1) INCH DEEP SHALL BE AT THE ENGINEER'S DISCRETION.
- JOINT AND CRACK SEALER FOR PAVEMENT SHALL MEET THE REQUIREMENTS OF ODOT ITEM 705.04 AND ASTM D 3405. A DOUBLE BOILER SHOULD BE USED FOR HEATING THE MATERIAL.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT SECURITY MEASURES AND/OR PERSONNEL TO PROTECT ALL NEW CONCRETE WORK FROM VANDALISM AT NO ADDITIONAL COST TO LAKETRAN. ANY VANDALIZED CONCRETE SHALL BE REPLACED IN FULL AT THE CONTRACTOR'S EXPENSE.

- THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, THIS DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS.
- BEFORE ANY WORK IS STARTED THAT WILL INTERFERE WITH THE EXISTING UTILITIES, THE CONTRACTOR SHALL CALL THE "OHIO UTILITIES PROTECTION SERVICE", AT 1-800-362-2764, FORTY-EIGHT (48) HOURS IN ADVANCE OF THE WORK. THE FOLLOWING REFERENCE NUMBERS HAVE BEEN ASSIGNED TO THIS PROJECT BY THE OHIO UTILITIES PROTECTION SERVICE. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, AT NO ADDITIONAL EXPENSE, TO AVOID DAMAGE TO EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES DURING THE ENTIRE PROJECT. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO LAKETRAN, INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS LISTED BELOW 4. AND THE UTILITY PROTECTION SERVICE IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE AND OUTLINED IN PROJECT SPECIFICATIONS. THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

ELECTRICITY THE ILLUMINATING COMPANY 6896 MILLER RD BRECKSVILLE, OHIO 44141 PHONE: (440) 546-8706 ATTN: JOHN ZASSICK JMZASSICK@FIRSTENERGYCORP.COM

LAKE COUNTY DEPARTMENT OF UTILITIES 105 MAIN STREET PAINESVILLE, OHIO 44077 PHONE: (440) 350-5775 ATTN: RANDY ROTHLISBERGER, PE RANDY.ROTHLISBERGER@LAKECOUNTYOHIO.GOV

CABLE TV CHARTER/SPECTRUM 3315 N. RIDGE RD. E. SUITE #110 ASHTABULA, OHIO 44004 PHONE: (440) 261-4607 ATTN: JASON SPRAGUE JASON.SPRAGUE@CHARTER.COM DL-GREAT-LAKES-NEO-AKRON-CONSTRUCTION-LONG-TEAM@CHARTER.COM

- 4. WHERE EXISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME WORK IS GOING ON ADJACENT TO THE POLE. THE COST AND COORDINATION FOR ANY REQUIRED PROTECTION OR RELOCATION OF EXISTING POWER OR TELEPHONE POLES SHALL NOT BE THE RESPONSIBILITY OF LAKETRAN OR THE VILLAGE OF MADISON. DELAYS TO THE CONTRACTOR AS A RESULT OF TIMING OF POLE RELOCATION OR PROTECTION SHALL NOT BE CONSIDERED COMPENSABLE DELAYS, AS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK IN CONFORMANCE TO THE UTILITY COMPANY'S SCHEDULE.
- THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES AFFECTED BY THE PROPOSED CONSTRUCTION.

SERVICE CONNECTIONS

- 1. ALL ACTIVE DRAINAGE PIPES ENCOUNTERED SHALL BE RECONNECTED TO EXISTING FACILITIES OR CONNECTED TO THE NEW FACILITIES.
- ALL EXISTING UTILITY SERVICE CONNECTIONS (SANITARY, STORM, WATER, GAS, ELECTRIC, TELEPHONE, ETC.) WHICH ARE DAMAGED DURING THE INSTALLATION OF PIPE SHALL BE REPAIRED WITH LIKE MATERIALS OR REPLACED, AS REQUIRED. THE COST OF UTILITY SERVICE CONNECTION REPAIR/REPLACEMENT SHALL BE INCLUDED IN THE UNIT PRICES FOR ALL ITEMS IN THE PROPOSAL.
- 3. ALL UTILITY LINES ENCOUNTERED SHALL BE PROTECTED AND SUPPORTED WITH HARDWOOD PLANKS; OR REMOVED, REPLACED, RECONNECTED AND SUPPORTED ACROSS THE ENTIRE WIDTH OF THE TRENCH. IF ANY OF THESE LINES ARE DAMAGED DURING CONSTRUCTION, THEY SHALL BE REPLACED IN-KIND.
- 4. THE COST OF UTILITY RELOCATION, REPLACEMENT, AND/OR SUPPORT SHALL BE INCLUDED IN THE COST PER LINEAL FOOT OF PROPOSED UTILITY BEING INSTALLED.

GRASS RESTORATION

- PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL INVENTORY TREELAWNS FOR EXISTING ORNAMENTAL LANDSCAPE FEATURES INCLUDING LAWN SPRINKLER SYSTEMS AND IRON PINS. ANY LANDSCAPE FEATURE DISTURBED OR DAMAGED BY THE CONTRACTOR'S ACTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION. COST OF INVENTORY AND RESTORATION SHALL BE INCLUDED IN THE UNIT BID PRICE FOR LAWN RESTORATION.
- RESTORATION OF TREELAWNS AND GRASS AREAS IN EASEMENTS SHALL BE PERFORMED BY A LANDSCAPE CONTRACTOR TO BE APPROVED BY THE CITY ENGINEER AND SERVICE DIRECTOR. THE LANDSCAPE CONTRACTOR MUST BE EXPERIENCED IN COMMERCIAL INSTALLATIONS AND PROVIDE REFERENCES AND OTHER DETAILED INFORMATION TO ENABLE THE OWNER TO JUDGE HIS EXPERIENCE AND CAPABILITY TO PERFORM THE WORK. GRASS AREAS TO BE RESTORED SHALL BE SEEDED UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS. THE SEED SHALL BE PLACED ON A FOUR (4) INCH BED OF COMPACTED TOPSOIL THAT HAS BEEN RAKED AND BROUGHT TO AN EVEN SURFACE. TOPSOIL SHALL BE SHREDDED AND BE FREE OF ROCKS, ROOTS, AND WEEDS. THE CONTRACTOR SHALL PROVIDE TOPSOIL SAMPLES AND SOURCES OF SUPPLY TO THE ENGINEER FOR APPROVAL PRIOR TO DELIVERY OF THE MATERIAL TO THE JOB SITE.

TELEPHONE AT&T 13630 LORAIN ROAD CLEVELAND, OHIO 44111 PHONE: (216) 476-6142 ATTN: JAMES JANIS PJ8191@ATT.COM

WINDSTREAM COMMUNICATIONS 205 SOUTH HAMBDEN ST. CHARDON, OHIO 44024 PHONE: (440) 285-5528 ATTN: JON HOBBY JON.HOBBY@WINDSTREAM.COM

DOMINION EAST OHIO 320 SPRINGSIDE DRIVE, STE 320 AKRON, OHIO 44333 PHONE: (330) 664-2409 ATTN: 2ND FLOOR RELOCATION DESIGN

ATTN: KEVIN BIRT RELOCATION@DOMINIONENERGY.COM

- THE FOLLOWING NOTES APPLY FOR ANY STORM SEWER DAMAGED DURING THE INSTALLATION OF THE CONCRETE PAVEMENT AND ANY OTHER ITEM REQUIRED TO COMPLETE THE JOB. NO STORM SEWER WORK IS ANTICIPATED OTHERWISE.
- ALL SANITARY SEWER 21" AND UNDER AND ALL STORM SEWER 18" AND UNDER SHALL BE PVC. SDR 26 RESILIENT AND FLEXIBLE (PREMIUM) JOINTS UNLESS OTHERWISE SHOWN ON THE PLANS. ALL STORM SEWER 21" AND GREATER SHALL BE ASTM F2281 CORRUGATED SMOOTH INTERIOR POLYPROPYLENE (PP) PIPE WITH ASTM 3212 BELL AND SPIGOT JOINTS (WT) UNLESS OTHERWISE SHOWN ON THE PLAN.
- 3. EXISTING STORM SEWERS AND STORM SEWER LATERALS TO BE CONNECTED TO THE PROPOSED POLYPROPYLENE STORM SEWER MAIN SHALL BE TIED IN USING INSERTA TEES AND RE-CONNECTED TO EXISTING STORM SEWERS USING MISSION COUPLINGS. INSERTA TEES, COUPLINGS, PVC SDR 26 PIPE AND FITTINGS, AND ALL OTHER MATERIALS OR WORK SHOWN ON THE PLANS ARE TO BE INCLUDED IN THE UNIT BID PRICE FOR 6", 8", OR 12" STORM SEWER CONNECTION TO MAIN, AS PER PLAN.

ALL CONNECTIONS MADE TO EXISTING STORM SEWERS SHALL BE MADE WITH MISSION COUPLINGS OR APPROVED EQUAL.

- 5. ALL SEWER REPAIRS AND/OR SECTIONS OF SEWER REPLACEMENT SHALL BE VISUALLY INSPECTED BY MEANS OF TELEVISING AND RECORDING ON DVD FORMAT VIDEOTAPE ALONG WITH AUDIO COMMENTARY. THE TELEVISING AND VIDEOTAPE RECORDING SHALL BE PERFORMED ONCE AFTER SEWER CONSTRUCTION IS COMPLETE. TELEVISING SHALL BE AS PER SPECIFICATION 330130.11. ANY DEFECT IN MATERIAL OR WORKMANSHIP REVEALED BY THE VISUAL-AID INSPECTION MUST BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE CITY AND TO THE FULL SATISFACTION OF THE CITY AND ENGINEER BEFORE ACCEPTANCE OF THE WORK AND RELEASE OF FINAL ESTIMATE AND PAYMENT THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TOTAL COST OF CLEANING ALL SEWERS PRIOR TO VISUAL INSPECTION. COST OF TELEVISING AND VIDEOTAPING OPERATION SHALL BE INCLUDED IN THE UNIT PRICES STIPULATED FOR THE VARIOUS ITEMS OF THE PROPOSAL
- 6. ALL PROPOSED UNDERDRAIN PIPE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH ODOT 605 AND ACCOMPANYING DETAILS WITHIN THESE PLANS AND SPECIFICATIONS. PIPE MATERIAL SHALL BE PVC SDR-35 WITH PERFORATIONS FACING DOWN.
- 7. ALL STORM SEWER CATCH BASINS AND MANHOLES SHALL MEET THE REQUIREMENTS OF ODOT 604. PIPE INVERTS/OPENINGS SHALL BE PRECAST INTO ALL CATCH BASINS AND MANHOLES. KNOCKOUT PANELS/SIDES SHALL NOT BE PERMITTED.

EROSION AND DUST CONTROL

- SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY HYDRO SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OR FILL AND FINISH GRADING IN ACCORDANCE WITH ODOT ITEM 659 OR AS DIRECTED BY THE ENGINEER
- 2. THE CONTRACTOR SHALL BEGIN THE RESTORATION PROCESS AS SOON AS CONSTRUCTION IS COMPLETED, PERMANENTLY STABILIZING EACH DISTURBED AREA WITH PERENNIAL VEGETATION INSTALLED ACCORDING TO SOIL CONSERVATION SERVICE STANDARDS AND SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL REMOVE DAILY ALL MUD, SOIL AND DEBRIS THAT MAY BE TRACKED ONTO EXISTING STREETS OR DRIVES BY HIS EQUIPMENT OR THAT OF SUBCONTRACTORS OR SUPPLIERS.
- ALL MATERIALS TO BE DISPOSED OF OFF-SITE MUST BE DISPOSED OF IN AN ENVIRONMENTALLY SOUND MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. NO EXCESS MATERIALS ARE TO BE DISPOSED OF IN ANY WETLAND, FLOOD PLAIN OR OTHER ENVIRONMENTALLY SENSITIVE AREA.
- 5. EROSION CONTROL MEASURES AT THE DISPOSAL SITE MUST BE INSTALLED AND MAINTAINED UNTIL DISPOSAL IS COMPLETE AND THE DISPOSAL SITE IS PERMANENTLY STABILIZED.
- 6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY WHEN NEEDED OR ORDERED BY THE OWNER WATER OR CALCIUM CHLORIDE PER ODOT 616 FOR THE ALLEVIATION OR PREVENTION OF DUST NUISANCE ORIGINATING FROM HIS CONSTRUCTION ACTIVITIES. SUFFICIENT QUANTITIES OF CALCIUM CHLORIDE SHALL BE STORED ON THE JOB SITE AT ALL TIMES TO BE USED FOR DUST CONTROL. THE COST OF DUST CONTROL SHALL BE INCLUDED IN THE UNIT BID PRICES FOR ALL ITEMS OF THE PROPOSAL
- OTHER EROSION AND SEDIMENT CONTROL PRACTICES SHALL MINIMIZE SEDIMENT LADEN WATER ENTERING ACTIVE STORM DRAIN SYSTEMS, UNLESS THE STORM DRAIN SYSTEM DRAINS TO A SEDIMENT POND. INLET PROTECTION IS MANDATORY WHERE SEDIMENT SETTLING PONDS WILL NOT BE IMPLEMENTED.

EXCESS EXCAVATION

1. ALL EXCESS EXCAVATION SHALL BE DISPOSED OF IN A LOCATION TO BE SELECTED BY THE CONTRACTOR. THE CONTRACTOR MUST OBTAIN A PERMIT FROM THE CITY IF THE MATERIAL IS TO BE DISPOSED OF WITHIN THE CITY LIMITS.

WORK HOURS

CONSTRUCTION ACTIVITIES WILL BE LIMITED TO WEEKDAY DAYTIME HOURS, UNLESS APPROVED IN ADVANCE BY THE VILLAGE OF MADISON AND LAKETRAN.

PROJECT SPECIFICATIONS

ALL WORK REQUIRED TO COMPLETE THIS IMPROVEMENT SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE DETAILED PLANS AND SPECIFICATIONS AND THE CURRENT OHIO DEPARTMENT OF TRANSPORTATION'S STANDARD CONSTRUCTION DRAWINGS (SCDs) STANDARDS AND SPECIFICATIONS. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATION/REQUIREMENTS, THE MORE STRINGENT OF THE TWO WILL GOVERN, AS DETERMINED BY THE ENGINEER.

PROJECT SAFETY

THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT THE PROJECT SITE AT ALL TIMES. THE CONTRACTOR SHALL PROPERLY SUPPORT AND/OR MAINTAIN ALL EXCAVATIONS PER APPLICABLE SAFETY REQUIREMENTS AND COMPLY WITH ALL OSHA REGULATIONS. ADEQUATE BARRICADES, WARNING LIGHTS, SIGNS, FENCING, ETC., SHALL BE ERECTED AROUND THE CONSTRUCTION AREA DURING ALL NON-WORKING HOURS TO ALERT PERSONS TO THE POTENTIAL DANGER ASSOCIATED WITH THE AREA UNDER CONSTRUCTION AS WELL AS TO PREVENT ACCESS TO UNAUTHORIZED PERSONNEL TO THE CONSTRUCTION SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE SAFETY OF THE GENERAL PUBLIC AS WELL AS ALL CONSTRUCTION PERSONNEL. PUBLIC STREETS, AS WELL AS ADJACENT PARKING AREAS, SHALL BE KEPT CLEAN AND FREE OF DEBRIS (i.e. MUD, STONE, ETC.) AT ALL TIMES. THE CONTRACTOR SHALL CONTACT ALL LOCAL EMERGENCY AGENCIES TO THE NATURE OF THE PROPOSED PROJECT PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.

MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC ADJACENT TO THE PROJECT AS DESCRIBED WITHIN THESE SPECIFICATIONS AND IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT 614 - MAINTAINING TRAFFIC.

ATTENTION IS CALLED TO THE EXISTING LAKETRAN TRANSFER STATION WITHIN THE PROPOSED IMPROVEMENTS RELATIVE TO THE BUS TIMETABLES, WHICH SHALL NOT BE INTERRUPTED DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.

EXISTING DRIVES, BERMS, LAWNS, PAVEMENTS, CURBS, SIDEWALKS, SIGNS, MAILBOXES, OR OTHER APPURTENANCES DISTURBED DURING CONSTRUCTION BUT NOT SPECIFICALLY DESIGNATED FOR REMOVAL/REPLACEMENT SHALL BE RESTORED TO A CONDITION EQUAL TO THAT WHICH EXISTED PRIOR TO CONSTRUCTION AND TO THE COMPLETE SATISFACTION OF LAKETRAN. RESTORATION OF EXISTING ROADWAYS SHALL BE IN ACCORDANCE WITH THE GOVERNING AGENCY HAVING AUTHORITY. THE COST FOR RESTORATION OF THE AFOREMENTIONED SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY. NO PUBLIC ROADWAY SHALL BE DISTURBED WITHOUT PRIOR WRITTEN APPROVAL OF THE VILLAGE OF MADISON AND RESPECTIVE PERMITS OBTAINED.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT SITE SECURITY MEASURES AND/OR PERSONNEL TO PROTECT ALL NEW CONCRETE WORK FROM VANDALISM UNTIL THE CONCRETE IS SUFFICIENTLY CURED AT NO ADDITIONAL COST TO THE PROJECT OR THE OWNER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS OF TESTING AND CERTIFICATION OF SAME. ALL CERTIFICATIONS OF TESTS AND/OR GRADATIONS FOR MATERIALS TO BE UTILIZED IN THE WORK AND ALL QUALITY CONTROL TESTING SHALL BE PERFORMED BY AN INDEPENDENT LABORATORY (NOT AFFILIATED WITH, OWNED BY, OR MANAGED BY THE CONTRACTOR). THE LABORATORY SHALL BE ACCREDITED BY THE AASHTO MATERIALS REFERENCE LABORATORY FOR THE TYPE OF TESTING PERFORMED.

CONTROL PLAN:

- INSTITUTE (ACI) FOR THE TYPE OF TESTING PERFORMED.
- THE END OF THE SAME WORKDAY.

RESTORATION OF DISTURBED AREAS

PROTECTION AGAINST VANDALISM

SAMPLING AND TESTING

TEST CRITERIA: THE FOLLOWING TESTS AT A MINIMUM SHALL BE INCLUDED WITH THE CONTRACTOR'S QUALITY

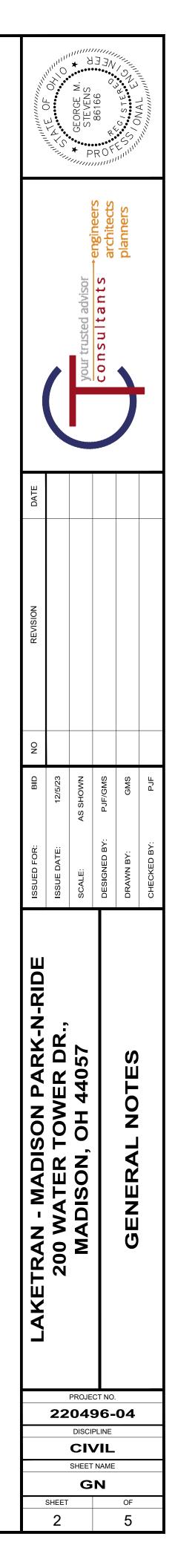
COMPACTION: COMPACTION TESTS OR FIELD DENSITY TESTS SHALL BE TAKEN ON ALL EMBANKMENT, TRENCH BACKFILL, SUBGRADE, AND SUBBASE MATERIAL IN ACCORDANCE WITH ODOT 203. MINIMUM TESTING SHALL BE AS FOLLOWS: EMBANKMENT TESTING SHALL BE AT LEAST ONE (1) TEST/3,000 S.F. OF EACH LIFT, TRENCH BACKFILL TESTING SHALL BE AT LEAST ONE (1) TEST/50 L.F. OF EACH LIFT. SUBGRADE AND/OR SUBBASE SHALL BE AT LEAST ONE (1) TEST/3,000 S.F. OF SLABS OR PAVEMENT. PROCTORS OR RELATIVE DENSITY TESTS SHALL BE PERFORMED AS OFTEN AS NECESSARY FOR THE DIFFERING SOILS OR GRANULAR MATERIALS UTILIZED. 2. AGGREGATES: FOR EACH MATERIAL AND/OR DIFFERENT SOURCE, THE LABORATORY SHALL PERFORM SOUNDNESS, GRADATION AND OTHER TESTS FOR ALL PARAMETERS SPECIFIED. AGGREGATES INCORPORATED INTO CONCRETE OR ASPHALT MIXES SHALL ALSO BE TESTED FOR MOISTURE CONTENT ON A DAILY BASIS. 3. CONCRETE: TEMPERATURE AND UNIT WEIGHT SHALL BE RUN ON FRESH CONCRETE AT INTERVALS SUFFICIENT FOR THE TYPE OF STRUCTURE BEING PLACED AT A MINIMUM OF ONCE PER DAY. SLUMP AND AIR CONTENT TESTS SHALL BE TAKEN A MINIMUM OF ONE TEST PER 20 C.Y., OR AT LEAST ONCE PER DAY. ALL FIELD AND LABORATORY TESTING SHALL BE PERFORMED BY TECHNICIANS CERTIFIED BY THE AMERICAN CONCRETE

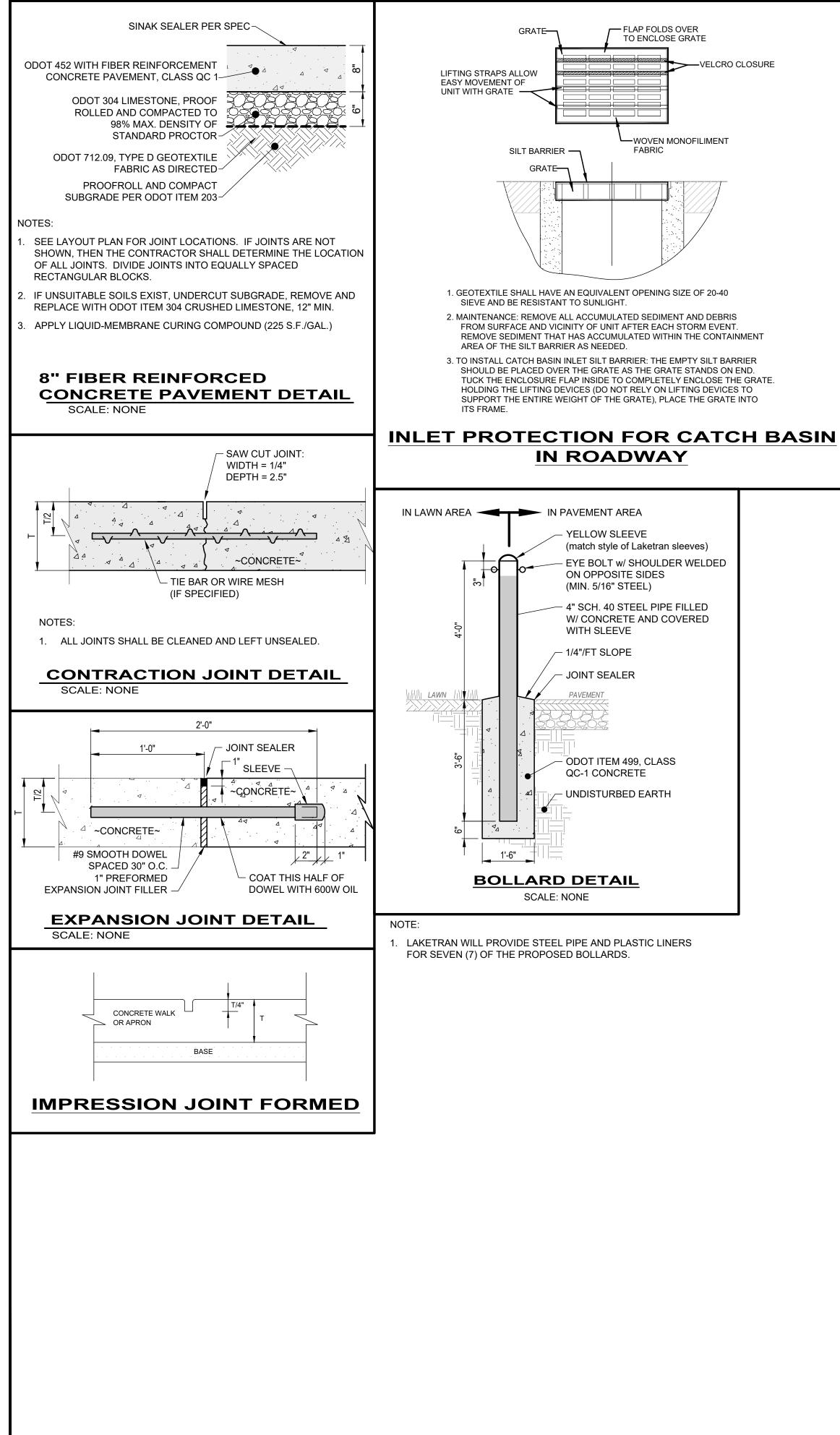
4. ASPHALT MIX DESIGN: FOR EACH TYPE OF ASPHALT MIX, SUBMIT JOB MIX FORMULA (JMF) PREPARED BY AN ODOT PRE-QUALIFIED LABORATORY FROM TESTS PERFORMED ON THE AGGREGATES PROPOSED FOR USE. SAMPLE AND TEST FOR GRADATION AND BITUMEN CONTENT AS PER ODOT 441.

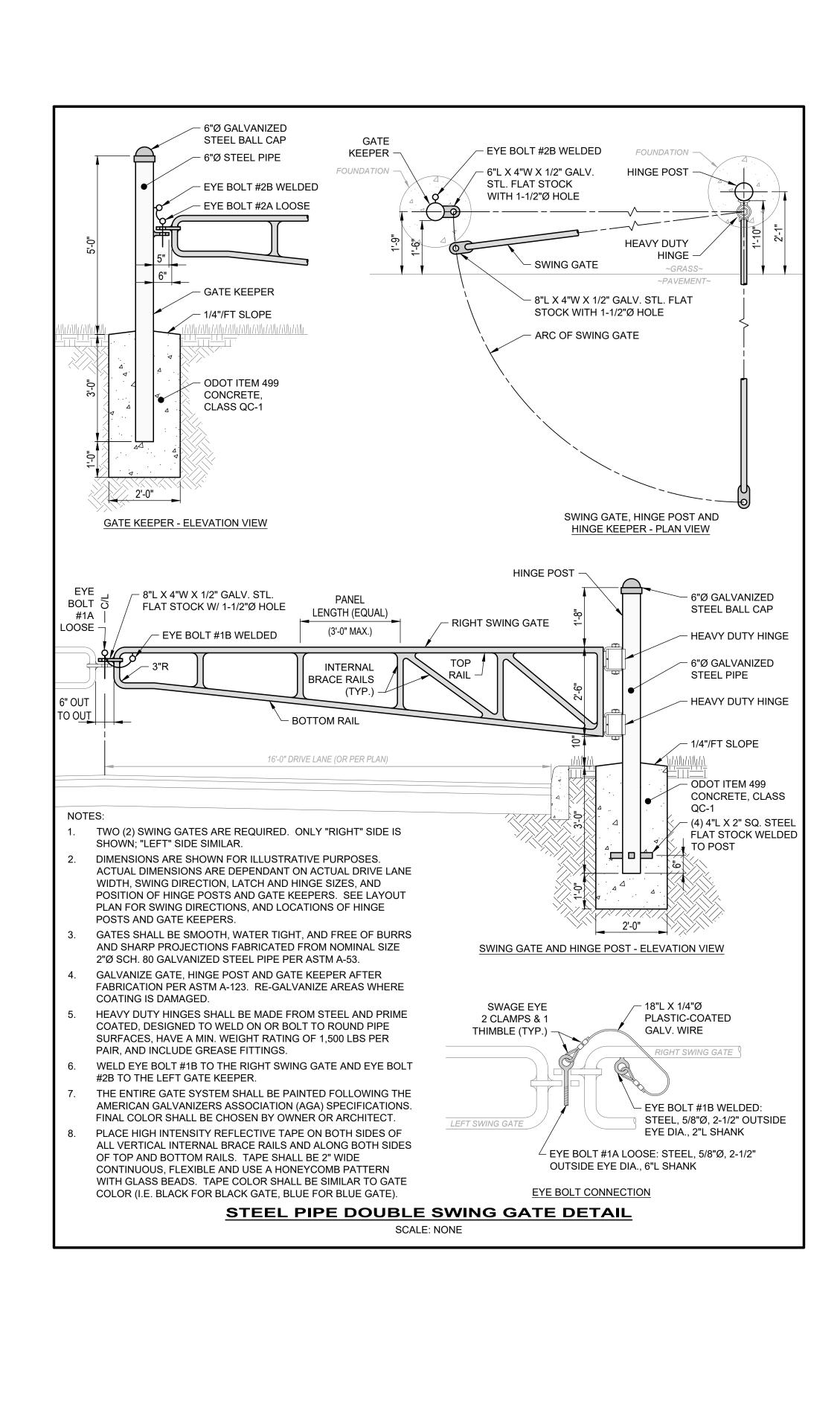
RESTORATION

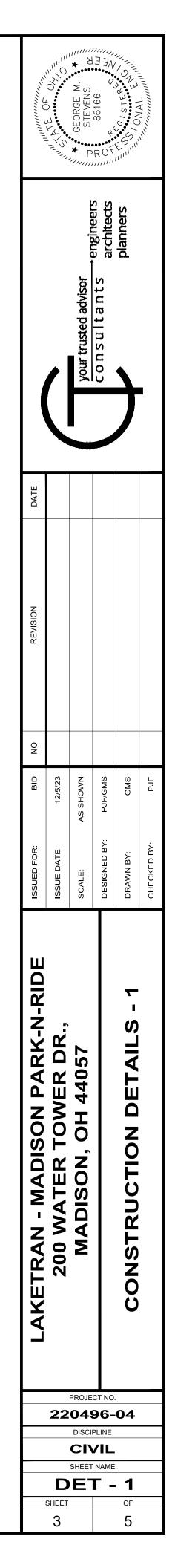
THE CONTRACTOR SHALL CLEAN UP ALL DEBRIS AND MATERIALS RESULTING FROM HIS OPERATION AND RESTORE ALL SURFACES, STRUCTURES, DITCHES, AND PROPERTY TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER. ANY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RE-GRADED BY

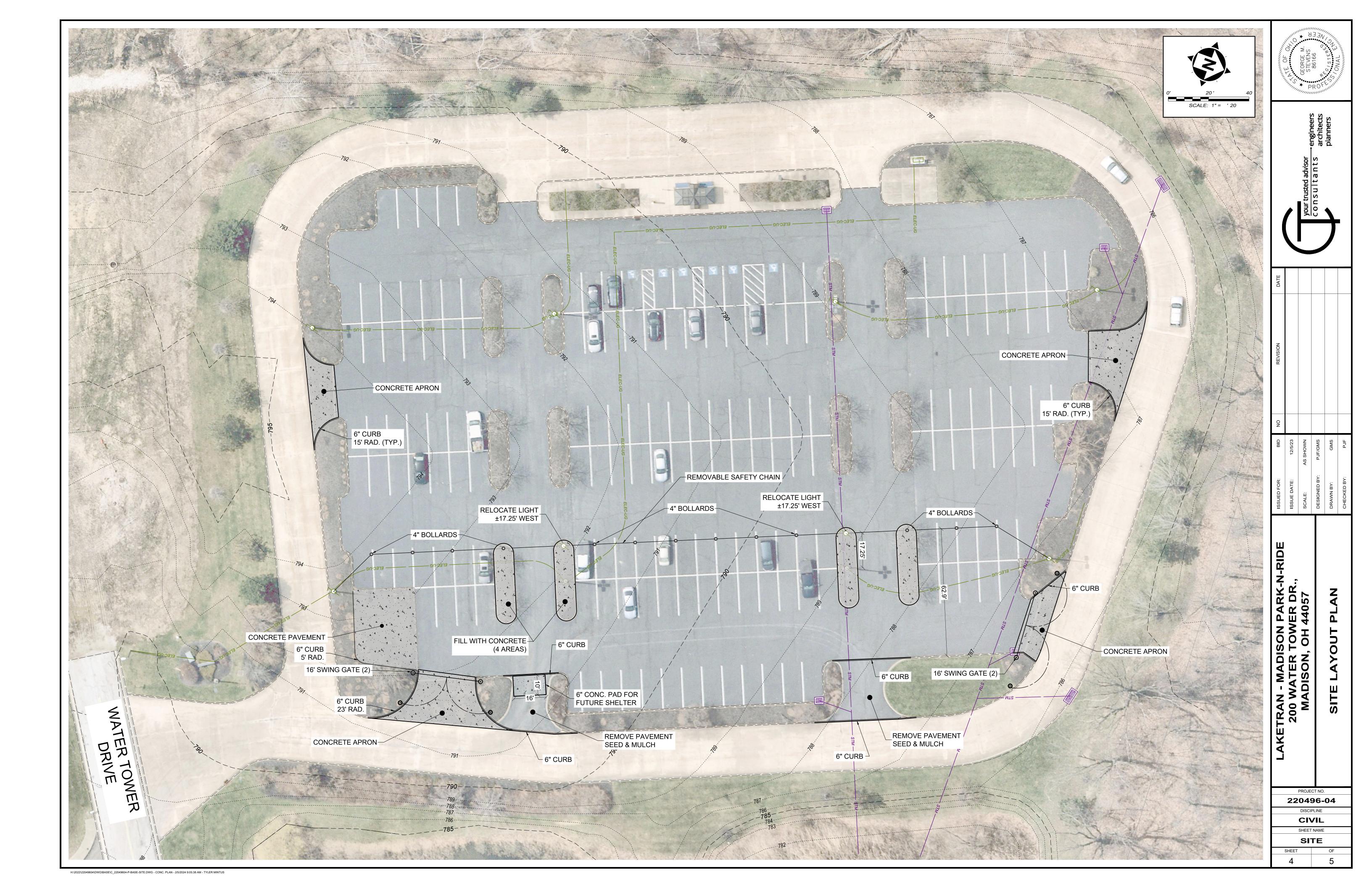
ALL EXISTING STORM AND SANITARY SEWER FACILITIES, INCLUDING TILE, DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED, REPLACED OR RECONNECTED TO THE EXISTING OR PROPOSED SYSTEM AS DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER.











	Ē	LECTRICAL SPECIFICATIONS:	
1.		ITRACTOR SHALL APPLY FOR AND SECURE ALL COSTS AND CHARGES FOR PERMITS, MISCELLANEOUS WORK ASSOCIATED WITH AND REQUIRED FOR THE COMPLETION OF THE L WORK.	(1.) EX RE SU
2.	INSPECTION AUTHOR	ITRACTOR SHALL ARRANGE FOR ALL INSPECTIONS OF ELECTRICAL WORK BY ALL TIES HAVING JURISDICTION. COPIES OF INSPECTION REPORTS SHALL BE MADE AVAILABLE REQUEST, AND THREE (3) COPIES OF THE APPROVED FINAL INSPECTION REPORT SHALL QUEST FOR FINAL PAYMENT.	FIN BA PR PA
3.		IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, , LOCAL CODES AND ORDINANCES WHERE APPLICABLE, AND REQUIREMENTS OF O.S.H.A.	〈_2.〉 PR RE LIG
4.		EQUIPMENT FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR SHALL BE NEW, .ED, AND CONFORM TO NEMA AND ANSI STANDARD WHERE APPLICABLE.	(3) INS FO SE
5.	HIS WORK PRIOR TO E	IALL VISIT THE SITE AND FULLY FAMILIARIZE HIMSELF WITH ALL CONDITIONS WHICH AFFECT BID. COORDINATE AND SCHEDULE WORK WITH OTHER TRADES TO ENSURE SATISFACTORY D DELAYS AND DUPLICATIONS AN``D MEET THE OWNER'S COMPLETION SCHEDULE FOR THE	LIG IN- (4.) EXI AS
6.	ALL WORK SHALL BE	INSTALLED BY WORKMEN FULLY SKILLED IN THE WORK TO BE PERFORMED. REPAIR OR QUIPMENT OR PROPERTY OF THE OWNER DAMAGED BY ELECTRICAL TRADES WORKMEN.	АЗ WI (5.) МО
7.	THE ELECTRICAL CON PERIOD OF ONE (1) YE	ITRACTOR SHALL GUARANTEE MATERIALS AND WORKMANSHIP PROVIDED BY HIM FOR A AR FROM THE DATE OF OWNER'S FINAL ACCEPTANCE. REPAIR OR REPLACE ANY DEFECTIVE MENT AT NO ADDITIONAL COST TO THE OWNER WITHIN THE GUARANTEE PERIOD.	AN LIG PR FO
8.	GALVANIZED IN ACCO	ING SHALL BE INSTALLED IN CONDUIT. CONDUIT SHALL BE EMT, INTERMEDIATE, OR RIGID RDANCE WITH AND AS PERMITTED BY THE NATIONAL ELECTRICAL CODE OR LOCAL/STATE LE. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC, 1" MINIMUM.	6. RE RA CC
9.		L PULL BOXES, JUNCTION, AND DEVICE BOXES OF SUITABLE CODE GAUGE AND SIZE. ALL GROUND PULL BOXES SHALL BE LIQUID-TIGHT.	EN (7.) RE FO
10.	PERMISSIBLE FOR CO A. #14, #12, AND	HALL BE MINIMUM #12 AWG, COPPER, 600 V RATED. #14 AWG COPPER SHALL BE NTROL CIRCUITRY. AMPACITY RATINGS SHALL BE BASED UPON 75°C RATINGS.) #10 AWG CONDUCTORS SHALL BE "THHN/THWN". ;ER SHALL BE STRANDED "THHN/THWN".	FU
11.	NATIONAL ELECTRICA	IDUIT INCLUDING LIQUIDTIGHT SHALL BE PERMITTED WHERE IN ACCORDANCE WITH AL CODE AND LOCAL CODE PROVISIONS. FLEXIBLE METAL CONDUIT SHALL CONTAIN A IG CONDUCTOR AND BE TERMINATED WITH APPROPRIATE FITTINGS.	
12.	CONTRACTOR SHALL	DIAGRAMMATIC AND INTENDED TO DESCRIBE THE WORK REQUIRED. THE ELECTRICAL ACCURATELY FIELD MEASURE AND LAY OUT HIS WORK TO EFFECTIVELY ACHIEVE A RDINATED INSTALLATION WITH THE SITE LAYOUT AND OTHER TRADES.	
13.		. BE 20 A, 125 V AC RATED WITH WEATHERPROOF IN USE COVERS AND GFCI PROTECTION UTDOORS OR IN VAULTS.	
14.		CIRCUIT BREAKERS SHALL BE RATED 10,000 A.I.C. SYMMETRICAL AND MANUFACT BREAKERS SHALL BE COMMON TRIP.	
15.	-	EN PANELBOARD CIRCUIT DIRECTORY IN PANELBOARD DOOR IDENTIFYING ALL ACTIVE S. ACTIVE CIRCUITS SHALL DESIGNATE EQUIPMENT SERVED.	
16.		20 A, 120/277 V AC RATED, SINGLE, DOUBLE POLE, THREE OR FOUR WAY AS INDICATED ON . SERIES 1220, LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL EQUIPMENT.	
17.		VILION SHALL BE 20 A, 125 V AC RATED, HUBBELL #5362, LEVITON, PASS & SEYMOUR, OR QUIPMENT. WITH WEATHERPROOF IN USE COVERS AND GFCI PROTECTION.	EXISTING LIGHT FIXTURES REMOVED FOR REUSE ON PROJECT. REINSTALL ON
18.		ES SHALL BE OF A TYPE TO SUIT DEVICE. MULTIPLE GANGED PLATES SHALL BE USED ADJACENT TO EACH OTHER. WEATHERPROOF RECEPTACLES SHALL BE EQUIPPED WITH VER PLATE	RELOCATED LIGHT POLE
19.		HALL BE AS SCHEDULED ON THE DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE URER'S INSTRUCTIONS AND IN ACCORDANCE WITH APPLICABLE PROVISIONS OF NATIONAL RTICLE 410.	
		ELECTRICAL SYMBOL LEGEND	
		HOMERUN TO PANEL AS INDICATED - 2 #12 & #12 GND 3/4" CONDUIT U.O.N.	EXISTING POLE MOUNTER CAMERAS TO BE REMOVE REUSED ON THIS PROJEC
	HOT	INDICATES CIRCUIT CONDUCTORS - #12 AWG IN CONDUIT U.O.N.	REINSTALL ON RELOCAT POLE .
	⊕, ₩.₩/₽	DUPLEX RECEPTACLE - 20 AMP - 120 VOLT- * MOUNTING HEIGHT	
	⊕ ^{wp} _{GFI}	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE W /WEATHERPROOF	
	\$	SWITCH SINGLE POLE - 20 AMP - 120/277 V. RATED	
		ELECTRICAL DEVICE AS NOTED	
		CIRCUIT BREAKER PANELBOARD	
		CEILING MOUNTED LIGHT FIXTURE AS SCHEDULED	EXISTING FIBERGLASS CO EQUIPMENT ENCLOSURE
	HX A		REMOVED FOR REUSE ON PROJECT. REINSTALL ON LIGHT POLE ABOVE FOUN
	ELEC-UG	— ELECTRIC LINE - UNDERGROUND (PROPOSED)	
	र्क ।	EXISTING POWER POLE	
	<u>¢</u>	PROPOSED (OR RELOCATED) LIGHT POLE	
	¢	EXISTING LIGHT POLE	

DED NOTES:

XISTING POLE WITH LIGHT FIXTURE TO BE RELOCATED. MOVE FOR REUSE ON THIS PROJECT. DEMO THE LUMINAIRE PPORT FOUNDATION A MINIMUM OF ONE FOOT (0.3 M) BELOW NISHED GRADE OR CLEAR OF PROPOSED CONSTRUCTION, ACKFILL THE RESULTANT DEPRESSION AS REQUIRED TO REPARE THE DISTURBED AREA FOR PROPOSED CONCRETE VING.

ROVIDE TRAFFIC RATED IN GROUND PULLBOX LOCATED AS EQUIRED TO FACILITATE SPLICING AND EXTENDING EXISTING GHT CIRCUITS TO RELOCATED LIGHT POLE.

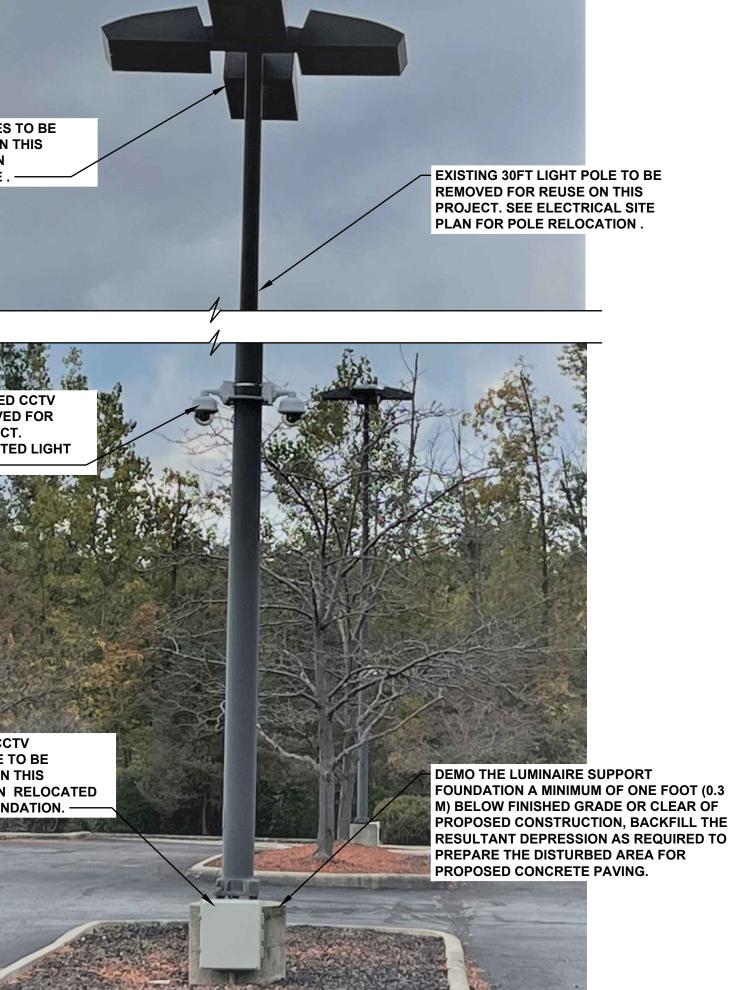
STALL EXISTING LIGHT POLE TO BE RELOCATED ON NEW UNDATION. EXACT LOCATION TO BE DETERMINED IN FIELD. EE FOUNDATION DETAIL THIS DRAWING. RECONNECT EXISTING GHT TO CONDUCTORS EXTENDED FROM NEW TRAFFIC RATED -GROUND PULLBOX @ EXISTING LIGHT POLE LOCATION.

KISTING FIBERGLASS CCTV EQUIPMENT ENCLOSURE AND SSOCIATED POLE MOUNTED CAMERAS TO BE RELOCATED ITH RELOCATION OF EXISTING LIGHT POLE.

OUNT EXISTING FIBERGLASS CCTV EQUIPMENT ENCLOSURE ND ASSOCIATED POLE MOUNTED CAMERAS ON RELOCATED GHT POLE. CAMERAS TO BE ORIENTED AS THEY ARE RESENTLY (VERIFY WITH OWNER) SEE FOUNDATION DETAIL OR FIBERGLASS ENCLOSURE LOCATION.

EPLACE EXISTING IN-GROUND PULL BOX WITH NEW TRAFFIC ATED IN-GROUND PULLBOX AND USE TO EXTEND EXISTING CTV EQUIPMENT CABLES TO RELOCTED CCTV EQUIPMENT NCLOSURE .

LOCATED FIBERGLASS CCTV EQUIPMENT ENCLOSURE (SEE UNDATION DETAIL FOR FIBERGLASS ENCLOSURE LOCATION).



EXISTING LIGHT POLE TO BE RELOCATED (TYPICAL FOR 2) NOT TO SCALE

ELECTRICAL SITE PLAN

SCALE: 1" = 20'

NOTES:

- 1. USE GRADE 60 REINFORCING STEEL. USE EPOXY COATED STEEL IN AREAS WHERE DE-ICING SALT IS USED. MAINTAIN 3" (MINIMUM).
- 2. INSTALL POLE IN STRICT ACCORDANCE WITH POLE MANUFACTURER'S RECOMMENDATIONS. VIBRATION DAMPENERS SHALL BE PROVIDED.
- 3. ANCHOR BOLTS SHALL NOT BE CUT OFF FOR ANY REASON. EXTENSION COUPLERS ARE NOT PERMITTED.
- 4. INSTALL FOUNDATION A MINIMUM OF 36" FROM STORM OR SANITARY PIPING.
- 5. AT LOCATIONS WHERE THE EXISTING SLOPE IS 6:1 OR GREATER, THE BURIED DEPTH OF FOUNDATION SHALL APPLY TO THE LOW SIDE OF SLOPE.

PROPOSED CONCRET PARKING LOT PAVEMENT

3/4" X 8'-0" Cu-CLAD STEEL GROUND ROD, 24" MIN BELOW GRADE

