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# CA&C DEPOT SITE IMPROVEMENTS

## CITY OF MOUNT VERNON, KNOX COUNTY, OHIO

### PROJECT NO. 2120509

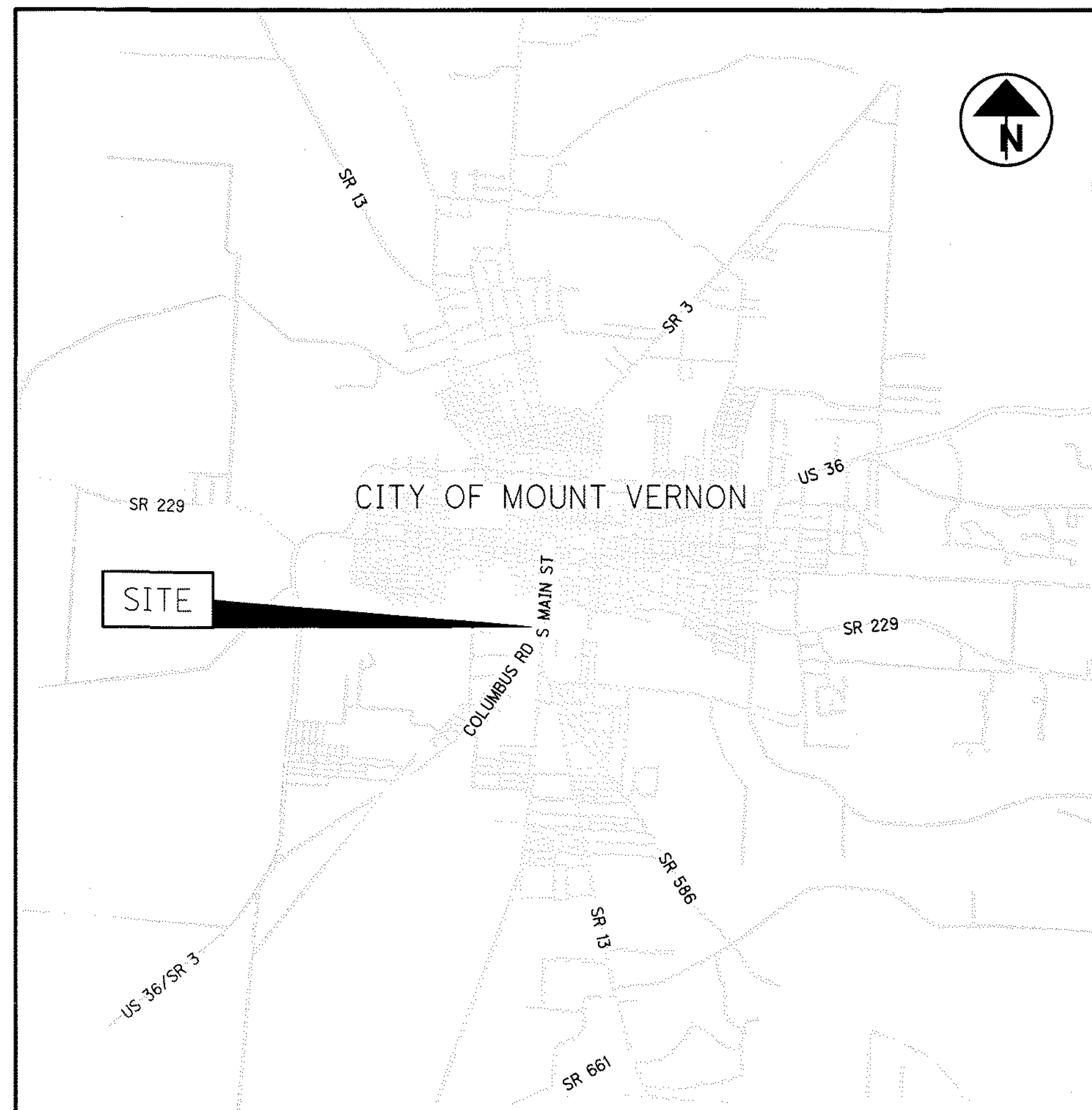


VICINITY MAP

**PROJECT EARTH DISTURBED AREA: 0.985 ACRES**

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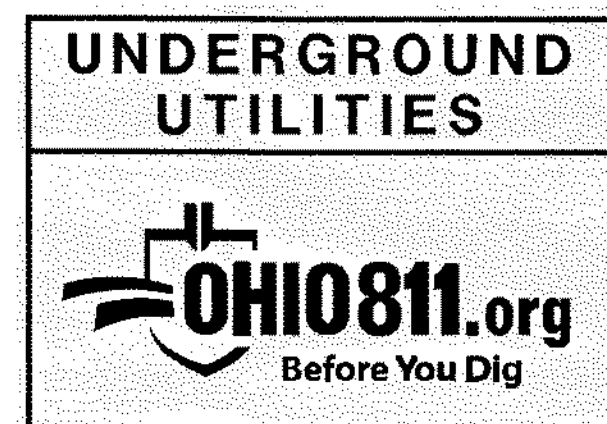
**INDEX MAP**  
SCALE: 1" = 1/2 MILE

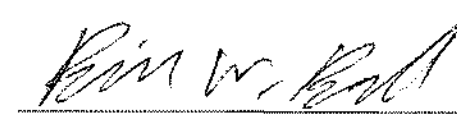
**ADMINISTRATION**

MATTHEW T. STARR	MAYOR
TANNER SALYERS	SAFETY-SERVICE DIRECTOR
P. ROBERT BROEREN, JR	LAW DIRECTOR
TERRY SCOTT	AUDITOR
BRIAN W. BALL, P.E.	CITY ENGINEER

**CITY COUNCIL**

BRUCE HAWKINS	MAYOR
JAMES MAHAN	FIRST WARD
JOHN RUCKMAN	SECOND WARD
TAMMY WOODS	THIRD WARD
MIKE MILLER	FOURTH WARD
AMBER KEENER	AT-LARGE
MEL SEVERNS	AT-LARGE
JANIS SEAVOLT	AT-LARGE




  
 BRIAN W. BALL, P.E.  
 CITY ENGINEER

4/30/2024  
 DATE

PLAN PREPARED BY:  
 CITY OF MOUNT VERNON, OHIO  
 ENGINEERING DEPARTMENT

REVISION DATE	DESCRIPTION OF REVISIONS	SHEETS REVISED

  
 TANNER SALYERS  
 SAFETY-SERVICE DIRECTOR

4-30-24  
 DATE

PROJECT NO. 2120509

**CA&C DEPOT SITE IMPROVEMENTS**  
**TITLE SHEET**

CITY OF MOUNT VERNON, OHIO  
 ENGINEERING DEPARTMENT

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SPECIFICATIONS

THE CITY OF MOUNT VERNON'S DETAILED SPECIFICATIONS TOGETHER WITH THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS), INCLUDING ALL SUPPLEMENTS AND ALL OTHER REVISIONS THERETO, CURRENT EDITIONS, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS AND CONSTRUCTION ITEMS SHOWN IN THESE PLANS UNLESS OTHERWISE NOTED. IN CASE OF A CONFLICT THE MORE STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE AS DETERMINED BY THE DISCRETION OF THE CITY OF MOUNT VERNON AND DESIGN ENGINEER.

ALL CONTRACT SPECIFICATIONS ACCOMPANYING THESE PLANS ARE TO BE CONSIDERED A PART THEREOF. APPROVAL OF THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF MOUNT VERNON, AND ALL WORK TO BE COMPLETELY ACCEPTABLE TO THE CITY OF MOUNT VERNON OFFICIALS. ANY MODIFICATION TO THE WORK SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER.

THE CITY OF MOUNT VERNON RESERVES THE RIGHT TO DIRECT PROJECT SPECIFIC CHANGES TO ANY CITY CONSTRUCTION NOTE AND SPECIFICATION.

THE CITY ENGINEER IS THE SOLE INDIVIDUAL RESPONSIBLE FOR APPROVING AND CERTIFYING ANY DECISIONS ON BEHALF OF THE CITY. THE CITY ENGINEER IS THE CONTRACTING AUTHORITY AND ALL QUESTIONS OR INFORMATION FROM THE CONTRACTOR MUST BE DIRECTED TO THE CITY ENGINEER. NO OTHER REPRESENTATIVE MAY MAKE DECISIONS REGARDING RFIS, CHANGE ORDERS, CLARIFICATIONS, ETC. ON BEHALF OF THE CITY. ALL REFERENCES IN THESE NOTES FOR INQUIRES TO THE CITY, SHALL BE DIRECTED TO THE CITY ENGINEER.

SITE VISIT

THE CONTRACTOR IS STRONGLY ENCOURAGED TO VISIT THE SITE AND BECOME FULLY INFORMED REGARDING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THE CONTRACTOR FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THIS CONTRACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND VERIFY THE EXTENT OF THE WORK TO BE PERFORMED PRIOR TO MAKING HIS BID. THIS IS ESPECIALLY TRUE WITH REGARD TO ANY REMOVAL ITEMS.

BENCH MARKS

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL BENCH MARKS, PROPERTY LINE REFERENCES (E.G., PINS, PIPES, MONUMENTS, MARKERS, ETC.), REFERENCE POINTS, STAKES AND ANY OTHER SURVEY REFERENCE. IN CASE OF DISTURBANCE, THE CONTRACTOR SHALL ENGAGE A REGISTERED SURVEYOR TO REPLACE THEM AT THE CONTRACTOR'S OWN EXPENSE AND SHALL BE RESPONSIBLE FOR ANY ERRORS THAT MAY BE CAUSED BY THEIR LOSS OR DISTURBANCE.

ELEVATIONS ARE BASED ON 1988 NORTH AMERICAN VERTICAL DATUM (NAVD 88). ALL VERTICAL CONTROL POINTS WERE SET USING A COUNTY OR CITY CERTIFIED SOURCE MONUMENT FOR ITS POINT OF ORIGIN, AS CALLED OUT AND SHOWN ON THE PLAN AND PROFILE SHEETS AND/OR TITLE SHEET. PLAN BENCHMARKS HAVE BEEN LOCATED INSIDE OF THE RIGHT-OF-WAY OR WORK LIMITS OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING BENCHMARKS DURING THE PROJECT AND IF DESTROYED, THE CONTRACTOR IS RESPONSIBLE FOR REPLACING THEM AT HIS OWN EXPENSE. THE CONTRACTOR SHALL REFERENCE ALL IRON PINS AND MONUMENTS BEFORE EXCAVATING AT OR NEAR SAID IRON PINS OR MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB EXISTING RIGHT-OF-WAY OR PROPERTY CORNER MARKERS THAT ARE REQUIRED TO REMAIN AFTER CONSTRUCTION, AS DETERMINED BY THE CITY OF MOUNT VERNON.

ANY MONUMENT, PROPERTY CORNER MAKERS, OR BENCH MARKS WHICH THE CONTRACTOR FAILS TO RESET AFTER NOTIFICATION OF THE ENGINEER, SHALL BE RESET BY THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR. THE COST OF REPLACEMENT SHALL BE DEDUCTED FROM ANY MONIES DUE OR TO BECOME DUE THE CONTRACTOR UNDER THIS CONTRACT.

BASIS OF BEARINGS

BEARINGS BASED ON DATA ACQUIRED BY GPS OBSERVATIONS AS PER NAD 83 (2011)-OHIO STATE PLANE COORDINATE SYSTEM-NORTH ZONE USING MONUMENT OHMA FROM THE OHIO DEPARTMENT OF TRANSPORTATION CORNS NETWORK.

SURVEY NOTE

TOPOGRAPHY SHOWN HERON WAS COMPILED FROM A FIELD SURVEY PERFORMED JULY 2021 BY GARCIA SURVEYORS, INC.

UNDERGROUND UTILITIES SHOWN HERE-ON ARE BASED ON FIELD MARKINGS (BY OTHERS) AND AVAILABLE RECORDS AND AS SUCH, SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

PROJECT LIMITS

THE CONTRACTOR'S CONSTRUCTION OPERATIONS ARE CONFINED TO THE SITE AREA, THE ROAD RIGHT-OF-WAY AREA, OR EASEMENT AREAS UNLESS OTHERWISE AGREED UPON BY THE AFFECTED PROPERTY OWNER. THE CONTRACTOR SHALL PROVIDE THE CITY WITH DOCUMENTATION FOR PROPERTY OWNER AGREEMENTS, ALLOWING THE CONTRACTOR TO USE AND/OR ACCESS THE PROPERTY FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHALL USE THE APPROPRIATE CONSTRUCTION METHODS TO PREVENT DISTURBING ANY AREA OUTSIDE THESE AREAS.

EASEMENTS

APPROVAL OF THIS PLAN IS CONTINGENT UPON ALL EASEMENTS REQUIRED FOR THE CONSTRUCTION BEING SECURED AND RECORDED BY THE CITY OF MOUNT VERNON PRIOR TO COMMENCEMENT OF THE WORK, AND NO WORK WHICH REQUIRES AN EASEMENT WILL BE ALLOWED TO PROCEED UNTIL THIS IS DONE.

RIGHTS-OF-WAY

IN ADDITION TO DIRECT REQUIREMENTS OF THE CONTRACT SPECIFICATIONS, THE CONTRACTOR SHALL OBSERVE AND CONFORM TO THE SPECIFIC REQUIREMENTS OF ALL RIGHT-OF-WAYS INCLUDING EASEMENTS, COURT ENTRIES, RIGHTS-OF-ENTRY OR ACTION FILED IN COURT IN ACCORDANCE WITH THE CODE OF APPLICABLE GOVERNING AGENCY. THE COST OF THE OPERATIONS NECESSARY TO FULFILL SUCH REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS IMPROVEMENT ITEMS UNLESS SPECIFIC PROVISION IS MADE IN THE CONTRACT SPECIFICATIONS.

PRE-CONSTRUCTION MEETING

A PRE-CONSTRUCTION MEETING SHALL BE HELD AT LEAST 15 CALENDAR DAYS BEFORE ANY WORK IS BEGUN. REPRESENTATIVES OF THE OWNER, DESIGN ENGINEER, AND CONTRACTOR SHALL BE IN ATTENDANCE. A SCHEDULE REGARDING THE SEQUENCE OF EVENTS, DURING CONSTRUCTION MUST BE SUBMITTED FOR REVIEW AT LEAST (7) SEVEN DAYS PRIOR TO THIS MEETING.

QUANTITIES

THE CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO PREPARING AND SUBMITTING A BID. ANY ITEM OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS INDICATED SHALL BE PERFORMED BY THE CONTRACTOR AT THE COST INCLUDED IN THE PRICE BID FOR THAT ITEM.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE ESTIMATE OF QUANTITIES FOR ITEMS DESIGNATED AS CONTINGENCY OR REFERENCED BY PLAN NOTE TO BE USED AS DIRECTED BY THE ENGINEER UNLESS AUTHORIZED BY THE DESIGN ENGINEER AND/OR THE CITY ENGINEER.

ADDITIONAL COMPENSATION

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, SERVICES, AND RELATED ACCESSORIES FOR A COMPLETE PROJECT AS SHOWN AND DESCRIBED IN THE PLANS AND SPECIFICATIONS. THE PRICE FOR ITEMS OF WORK OR MATERIALS SHOWN ON THE PLANS OR PROVIDED FOR IN THE SPECIFICATIONS OR SPECIAL PROVISIONS FOR WHICH NO SEPARATE UNIT PRICE IS GIVEN SHALL BE INCLUDED IN THE PRICE BID. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE AND REQUIRE A COMPLETED WORK PROJECT READY FOR OPERATION. ANY WORK ITEMS OMITTED FROM SUCH CONTRACT DOCUMENTS WHICH ARE CLEARLY NECESSARY FOR THE COMPLETION OF SUCH WORK AND ITS APPURTENANCES SHALL BE CONSIDERED A PART OF SUCH WORK ALTHOUGH NOT DIRECTLY SPECIFIED OR CALLED FOR IN THE CONTRACT DOCUMENTS (E.G. BONDS AND INSURANCES, "OWNER/CONTRACTOR PROTECTIVE POLICY", "ALL RISK BUILDER'S RISK INSURANCE", AND/OR "INSTALLATION FLOATER INSURANCE", ETC.).

SUBMISSION OF A BID SHALL BE CONSIDERED EVIDENCE THAT THE BIDDER IS SATISFIED WITH THE PLANS AND CONDITIONS AS SHOWN. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR COMPLIANCE WITH THE PLANS, SPECIFICATIONS, OR SPECIAL PROVISIONS. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR BY REASON OF COMPLIANCE WITH ANY OF THE REQUIREMENTS INDICATED IN THE SPECIFICATIONS, UNLESS OTHERWISE SPECIFICALLY PROVIDED.

A DETAILED BREAKDOWN OF LUMP SUM BID ITEMS MAY BE REQUESTED BY THE CITY OF MOUNT VERNON AND/OR DESIGN ENGINEER. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR THIS EFFORT.

PERMITS

THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND GOVERNMENT FEES, LICENSES, AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE IMPROVEMENTS SHOWN ON THE PLANS. AN ORIGINAL PERMIT, WITH SIGNATURES, SHALL BE KEPT ONSITE AT ALL TIMES.

WHEN OCCUPYING OR EXCAVATING WITHIN PUBLIC RIGHT-OF-WAY LIMITS, THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE ODOT AND/OR THE CITY OF MOUNT VERNON. THE CITY OF MOUNT VERNON CAN BE CONTACTED BETWEEN THE HOURS OF 8:00AM AND 4:00PM MONDAY THROUGH FRIDAY. PHONE: (740) 393-9528.

SAFETY REQUIREMENTS

THE CONTRACTOR AND SUBCONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTOR(S) TO INITIATE, MONITOR, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

THE CONTRACTOR AND SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE CITY OF MOUNT VERNON.

THE CONTRACTOR SHALL FOLLOW THE OSHA REQUIREMENTS FOR CONFINED SPACE ENTRY, TITLE 29 OF THE CODE OF FEDERAL REGULATIONS, PORT 1910.146 WHILE PERFORMING WORK INSIDE ANY MANHOLE OR OTHER PERMIT-REQUIRED CONFINED SPACE. ONE COPY OF ALL CONFINED SPACE ENTRY PERMITS SHALL BE GIVEN TO THE CITY OF MOUNT VERNON UPON PROJECT COMPLETION.

EMERGENCY PROVISIONS

THE CONTRACTOR SHALL PROVIDE THE CITY OF MOUNT VERNON WITH 24-HOUR EMERGENCY TELEPHONE NUMBERS, IN WRITING, PRIOR TO THE START OF CONSTRUCTION.

INSPECTION

INSPECTION OF THIS PROJECT SHALL BE PROVIDED BY REPRESENTATIVES OF THE CITY OF MOUNT VERNON.

ANY MODIFICATIONS TO THE WORK SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER. NO WORK TO BE COMMENCED UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE CITY OF MOUNT VERNON FOR INSPECTION.

IN ORDER TO SCHEDULE AND ASSIGN AN INSPECTOR, THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE CITY OF MOUNT VERNON AT LEAST (7) SEVEN WORKING DAYS PRIOR TO ANY CONSTRUCTION ACTIVITIES.

CONSTRUCTION LAYOUT/STAKING

INITIAL CONSTRUCTION LAYOUT SERVICES FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR. ANY RE-STAKING NEEDED TO REPLACE STAKES THAT HAVE BEEN REMOVED OR DAMAGED THROUGHOUT THE COURSE OF WORK SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY OF MOUNT VERNON. STAKING SHALL BE IN ACCORDANCE WITH ODOT CMS ITEM 623.

CONTRACT WORK PERFORMED BY THE CITY

IN THE EVENT THAT IT BECOMES NECESSARY FOR THE CITY OF MOUNT VERNON TO PERFORM WORK REQUIRED BY THE CONTRACTOR UNDER THIS CONTRACT BECAUSE OF FAILURE OR REFUSAL OF THE CONTRACTOR TO PERFORM SUCH WORK WITHIN A REASONABLE TIME, THE CONTRACTOR SHALL REIMBURSE THE CITY OF MOUNT VERNON AT THE RATE OF 2.5 TIMES THE ACTUAL COST OF LABOR, MATERIALS AND EQUIPMENT NECESSARY TO PERFORM SUCH WORK. THE CITY OF MOUNT VERNON SHALL BE REIMBURSED BY THE CONTRACTOR BY WAY OF A DEDUCTION FROM THE CONTRACTOR'S NET PAYMENT UNDER THIS CONTRACT.

SCHEDULE

THE CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE OF OPERATIONS TO THE CITY OF MOUNT VERNON AND RECEIVE APPROVAL IN WRITING BEFORE WORK IS STARTED ON THIS PROJECT. WEEKLY SCHEDULE UPDATES SHALL BE SUBMITTED TO THE CITY OF MOUNT VERNON. COST SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.

COORDINATION BETWEEN CONTRACTORS

THE CONTRACTOR FOR THIS PLAN SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES AND ANCILLARY PROJECT NEEDS WITH ANY OTHER CONTRACTORS ON THIS PROJECT OR OTHER CONTRACTORS WORKING IN THE VICINITY. PRIOR TO FINALIZATION OF SCHEDULING FOR THIS PROJECT, THE CONTRACTOR WILL CONFIRM THERE ARE NO SCHEDULE CONFLICTS.

EXPOSE EXISTING UTILITY

WHERE POTENTIAL GRADE AND ALIGNMENT CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR SHALL EXPOSE UTILITIES OR STRUCTURES SUFFICIENTLY IN ADVANCE OF LAYING PIPE FOR THE DESIGN ENGINEER TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. ANY DISCREPANCY WITH THE PLANS SHALL BE COORDINATED

WITH THE CITY OF MOUNT VERNON TO ENSURE THAT THERE ARE NO CONSTRUCTION OR CONFLICT ISSUES ASSOCIATED WITH SAID DISCREPANCY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID EVEN IF A SPECIFIC ITEM IS NOT PROVIDED IN THE ESTIMATE OF QUANTITIES.

UTILITY POLE PROTECTION

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS AND PROTECT EXISTING UTILITY POLES. UTILITY POLES WITHIN THE INFLUENCE OF TRENCHES OR EARTHWORK OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO CONSTRUCTION ACTIVITIES. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

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 THE MAINTENANCE OF THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME WORK IS GOING ON ADJACENT TO THE POLE.

THE COST FOR ANY REQUIRED PROTECTION OR RELOCATION OF EXISTING POWER OR TELEPHONE POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DELAYS TO THE CONTRACTOR AS A RESULT OF TIMING OF POLE RELOCATION OR PROTECTION SHALL NOT BE CONSIDERED COMPENSATORY DELAYS, AS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK IN CONFORMANCE TO THE UTILITY COMPANY'S SCHEDULE.

ALL COSTS INCURRED FOR THE SUPPORT OF UTILITY POLES AND COORDINATION FOR TEMPORARY SUPPORT SHALL BE INCLUDED WITH THE VARIOUS BID ITEMS. ALL COSTS SHALL BE AT THE CONTRACTORS EXPENSE, AND NO REIMBURSEMENT OR SEPARATE PAYMENT SHALL BE MADE.

MATERIAL SAFETY DATA SHEETS

THE CONTRACTOR SHALL SUBMIT, FOR INFORMATION ONLY, THE MANUFACTURERS' HAZARDOUS MATERIALS COMMUNICATION INFORMATION FORMS FOR ALL MATERIALS TO BE INCORPORATED INTO THE WORK.

STORAGE OF EQUIPMENT AND MATERIALS

THE CONTRACTOR SHALL INFORM THE CITY OF MOUNT VERNON OF THE LOCATION FOR THE STORAGE OF EQUIPMENT AND MATERIALS AT THE PRE-CONSTRUCTION MEETING.

CONSTRUCTION DEBRIS

ALL DEBRIS, RUBBLE, UNUSABLE MATERIALS, AND ITEMS NOT SALVAGED BY THE CITY OR OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF PROPERLY.

SANITARY CONVENIENCE FACILITIES

THE CONTRACTOR SHALL FURNISH AND MAINTAIN SANITARY CONVENIENCE FACILITIES FOR THE WORKERS AND INSPECTORS FOR THE DURATION OF THE WORK AND ALL PHASES OF CONSTRUCTION. COST SHALL BE INCLUDED IN THE PRICE BID.

NON-RUBBER TIRED VEHICLES

NON-RUBBER TIRED VEHICLES SHALL NOT BE MOVED ON PUBLIC STREETS, EXISTING PRIVATE ROADWAYS OR PARKING LOTS. EXCEPTIONS MAY BE GRANTED BY THE CITY OF MOUNT VERNON FOR THEIR ROADWAYS ONLY. GRANTING OF EXCEPTIONS MUST BE IN WRITING, AND ANY DAMAGE MUST BE REPAIRED TO THE SATISFACTION OF THE CITY OF MOUNT VERNON.

PRUNING

BRANCHES OR GROWTH WHICH INTERFERES WITH THE FREE CONSTRUCTION OF THE PROJECT MAY BE REMOVED FROM TREES/BUSHES THAT ARE TO BE SAVED BY THE USE OF PRUNING TOOLS WITH PRIOR APPROVAL FROM THE CITY ENGINEER. ALL PRUNING TOOLS USED AND METHODS EMPLOYED SHALL MEET THE APPROVAL OF THE CITY ENGINEER. THE BRANCHES SHALL BE REMOVED WITH A GOOD CLEAN CUT MADE FLUSH WITH THE PARENT TRUNK OR, IF HAVING A GOOD HEALTHY LATERAL BRANCH, THE CUT SHALL BE A GOOD CLEAN SLANTING CUT CLOSE TO AND BEYOND THE HEALTHY BRANCH. ALL PRUNING CUTS SHALL BE POINTED WITH AN ACCEPTED PRUNING PRESERVATIVE. THE COST OF ALL WORK AND EXPENSES CONNECTED WITH TREE PRUNING SHALL BE INCLUDED IN THE PRICE BID FOR ODOT CMS ITEM 201, CLEARING AND GRUBBING. NO EXTRA PAYMENTS SHALL BE MADE.

SIGNS, MAILBOXES, FENCES, ETC.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING SIGNS, MAILBOXES, FENCES, GUARDRAIL, SHRUBS, PROPERTY, DRAINAGE STRUCTURES, OR OTHER PHYSICAL FEATURES DISTURBED OR DAMAGED DURING CONSTRUCTION, WHETHER SHOWN ON THE PLANS OR NOT, TO THEIR ORIGINAL OR BETTER CONDITION AND LOCATION AND TO THE SATISFACTION OF THE CITY OF MOUNT VERNON. COST SHALL BE INCLUDED IN THE PRICE BID.

MAIL SERVICE

THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT U.S. MAIL DELIVERY WITHIN THE PROJECT LIMITS IS NOT DISRUPTED BY CONSTRUCTION OPERATIONS. THIS RESPONSIBILITY IS LIMITED TO RELOCATION OF MAILBOXES TO A TEMPORARY LOCATION THAT WILL ALLOW THE COMPLETION OF THE WORK AND SHALL ALSO INCLUDE THE RESTORATION OF MAILBOXES TO THEIR ORIGINAL LOCATION OR APPROVED NEW LOCATION. BEFORE RELOCATING ANY MAILBOXES, THE CONTRACTOR SHALL CONTACT THE U.S. POSTAL SERVICE AND RELOCATE MAILBOXES ACCORDING TO THE POSTAL SERVICE AND SATISFACTION OF THE PROPERTY OWNERS.

MAINTAINING SERVICE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS FOR MAIL SERVICE, DELIVERY SERVICE, POLICE, FIRE AND SOLID WASTE REMOVAL IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL CONTACT THE CITY OF MOUNT VERNON FOR CURRENT COLLECTION DATE EACH WEEK PRIOR TO STARTING WORK AND BE RESPONSIBLE FOR MAINTAINING ACCESS TO THE VARIOUS FACILITIES ASSOCIATED WITH THESE SERVICES SUCH AS DUMPSTERS AND MAILBOXES DURING THE COURSE OF THIS PROJECT. COST FOR MAINTAINING SERVICE SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT.

SOIL STOCKPILES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL SOIL STOCKPILES, INCLUDING TRENCH EXCAVATION STOCKPILES, PROTECTED FROM EROSION. THE AREAS SURROUNDING THE STOCKPILES ARE TO BE PROTECTED FROM SEDIMENT WITH THE USE OF PERIMETER CONTROL DEVICES SUCH AS EARTH OR STRAW BALE DEVICES OR SILT FENCES. THESE PERIMETER CONTROL DEVICES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.

DISPOSAL OF EXCESS EXCAVATION

THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATION AT AN OFFSITE LOCATION AS APPROVED BY THE CITY ENGINEER. FOR DISPOSAL OUTSIDE THE LIMITS OF THE PROJECT THE CONTRACTOR SHALL PROVIDE A COPY OF THE SIGNED, WRITTEN AGREEMENT BETWEEN THE CONTRACTOR AND OFFSITE LANDOWNER BEFORE SUCH DISPOSAL OCCURS. THIS WRITTEN AGREEMENT SHALL CLEARLY STATE THE PURPOSE OF THE AGREEMENT AND INDICATED THE LANDOWNER'S PERMISSION FOR SUCH USE. EXCESS EXCAVATION MATERIAL SHALL NOT BE DISPOSED OF WITHIN ANY FLOODPLAIN AREA, UNLESS ANY AND ALL NECESSARY APPROVALS TO DO SO HAVE BEEN OBTAINED.

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 AREAS. EROSION CONTROL MEASURES AT THE DISPOSAL SITE, IF APPLICABLE, MUST BE INSTALLED AND MAINTAINED UNTIL DISPOSAL IS COMPLETE AND THE DISPOSAL SITE IS PERMANENTLY STABILIZED.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT, AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF MOUNT VERNON, THE CONTRACTOR ALONG WITH THE LOCAL REPRESENTATIVES SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. THE CITY OF MOUNT VERNON SHALL KEEP RECORDS OF THE INSPECTIONS IN WRITING.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED OR RECONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY OF MOUNT VERNON.

ALL EXISTING MANHOLES, CATCH BASINS, DRAINS, SEWERS, AND APPURTENANCES INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR SHALL CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS TO THE SATISFACTION OF THE CITY OF MOUNT VERNON. THE ABOVE IS NOT APPLICABLE FOR STRUCTURES TO BE ABANDONED.

THE CONTRACTOR SHALL REMOVE DEBRIS, SILT, ETC., FROM THE EXISTING MANHOLES AND CATCH BASINS THAT HAVE BEEN AFFECTED BY CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL MAINTAIN SERVICE IN EXISTING SEWERS DURING CONSTRUCTION. ALL EXISTING CHARTED OR UNCHARTED STORM SEWERS ENCOUNTERED DURING CONSTRUCTION SHALL BE CONNECTED INTO THE NEW SYSTEM.

REPLACEMENT OF DRAIN TILES AND STORM SEWERS

ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED, OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. REPLACED DRAIN TILE SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. IF POSSIBLE, THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO A STORM SEWER STRUCTURE, CURB UNDERDRAIN OR OUTLET INTO THE ROADWAY DITCH AS APPLICABLE. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATIONS.

ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED TO ORIGINAL CONDITION OR CONNECTED TO THE CURB UNDERDRAIN OR TO THE STORM SEWER SYSTEM AS DIRECTED BY THE CITY OF MOUNT VERNON.

MAINTAIN DRAINAGE

THE FLOW IN ALL SEWERS, DRAINS, AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE EXECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN COST AND EXPENSE, UNLESS SPECIFIC PROVISION IS MADE WITHIN THE CONTRACT DOCUMENTS FOR THE MEASURE OF AND PAYMENT FOR SUCH SPECIFIC ITEMS, TO A CONDITION SATISFACTORY TO THE CITY OF MOUNT VERNON.

DEWATERING/BYPASS PUMPING

THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL DEWATERING OPERATIONS AS REQUIRED TO ACCOMPLISH THE PROPOSED CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL AND GROUNDWATER TESTING FOR GROUNDWATER DISCHARGE CONSIDERATIONS.

THE COST OF ANY DEWATERING OPERATIONS OR BYPASS PUMPING REQUIRED FOR THE CONSTRUCTION OF WATER LINE SHALL BE INCLUDED IN THE PRICE BID. NO SEPARATE PAYMENT FOR DEWATERING AND/OR BYPASS PUMPING WILL BE PROVIDED.

SHOULD WATER BE/ENCOUNTERED, THE CONTRACTOR SHALL FURNISH AND OPERATE SUITABLE MAPPING EQUIPMENT OF SUCH CAPACITY TO ADEQUATELY DEWATER THE TRENCH. THE TRENCH SHALL BE SUFFICIENTLY DEWATERED SO THAT THE PLACEMENT OF BEDDING AND LAYING AND JOINING OF THE PIPE IS MADE ON FIRM, DRY GROUND. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL DEWATERING OPERATIONS AS REQUIRED TO ACCOMPLISH THE PROPOSED CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL AND GROUNDWATER TESTING FOR GROUNDWATER DISCHARGE CONSIDERATIONS. THE COST OF ALL DEWATERING WORK REQUIRED FOR THE CONSTRUCTION OF THE WATER LINE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE VARIOUS BID ITEMS. NO SEPARATE PAYMENT FOR PUMPS WILL BE PROVIDED. THE CONTRACTOR IS SOLELY RESPONSIBLE TO THE OHIO DEPARTMENT OF NATURAL RESOURCES (O.D.N.R.) FOR REGISTRY, MAINTENANCE, AND ABANDONMENT OF ANY WITHDRAWAL DEVICES USED IN THE CONSTRUCTION OF THIS PROJECT, IF REQUIRED.

THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE AND FILE A WELL LOG AND A DRILLING REPORT FORM WITH O.D.N.R., DIVISION OF WATER, WITHIN 30 DAYS OF THE COMPLETION OF INSTALLATION OF ANY WELL, WELL POINT, PIT OR OTHER DEVICE USED FOR THE PURPOSE OF REMOVING GROUNDWATER FROM AN AQUIFER. THIS SHALL BE DONE IN ACCORDANCE WITH SECTIONS 1521.01 AND 1521.05 OF THE OHIO REVISED CODE AND ALL APPLICABLE REQUIREMENTS OF THE OHIO DEPARTMENT OF NATURAL RESOURCES. IN ADDITION, ANY SUCH FACILITY THAT HAS A CAPACITY TO WITHDRAW WATERS OF THE STATE IN AN AMOUNT GREATER THAN 100,000 GALLONS PER DAY FROM OIL SOURCES SHALL BE REGISTERED BY THE CONTRACTOR WITH THE CHIEF OF THE O.D.N.R., DIVISION OF WATER, WITHIN THREE MONTHS OF THE COMPLETION OF THE FACILITY IN ACCORDANCE WITH SECTION 1521.16 OF THE OHIO REVISED CODE. COPIES OF THE NECESSARY PAPERWORK CAN BE OBTAINED AT O.D.N.R., DIVISION OF WATER, FOUNTAIN SQUARE, COLUMBUS, OHIO, 43224-1387, PHONE: (614) 265-6717. ANY DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUNDWATER LEVEL TO FACILITATE CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 3745-9-10 OF THE OHIO ADMINISTRATIVE CODE OR IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN OR AS DIRECTED BY THE CITY OF MOUNT VERNON OR THEIR REPRESENTATIVE. BYPASS PUMPING IS REQUIRED WHEREVER THE FLOW IN ANY SEWER IS DISRUPTED BY THE CONSTRUCTION ACTIVITIES. BYPASS PUMPING MUST PROVIDE FOR POSSIBLE STORM FLOWS THAT MAY TYPICALLY BE EXPECTED DURING THE SEASONS THAT THE WORK IS IN PROGRESS. THE CONTRACTOR SHALL HAVE A CONTINGENCY PLAN TO PREVENT DAMAGE DURING HIGH FLOWS. THE CITY WILL NOT BE RESPONSIBLE FOR DAMAGES DUE TO HIGH FLOWS. THE CONTRACTOR SHALL CONVEY ALL WATER TO A NATURAL DRAINAGE CHANNEL OR STORM SEWER WITHOUT DAMAGE TO PROPERTY BY UTILIZING PROPER EROSION AND SEDIMENT CONTROLS. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND THE CITY OF MOUNT VERNON REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR ANY VIOLATION AND SUBSEQUENT FINES. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLACE AND MAINTAIN THE NECESSARY SEDIMENT CONTROL MEASURES TO FILTER THE DEWATERING DISCHARGE. COST FOR THE ABOVE SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS PROJECT IMPROVEMENTS. THE COST OF ANY DEWATERING OPERATIONS OR BYPASS PUMPING REQUIRED FOR THE CONSTRUCTION ACTIVITIES SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.

SAWCUTTING

SAWCUTTING IS INCLUDED IN PAVEMENT REMOVAL, EXCAVATION, CURB REMOVAL AND WALK REMOVAL TO PROVIDE SMOOTH STRAIGHT EDGES. NO SEPARATE PAYMENT SHALL BE MADE. WHEN NEW UTILITY LINES ARE INSTALLED UNDER EXISTING PAVEMENT, THE PAVEMENT SHALL BE SAWCUT PRIOR TO EXCAVATION, UNLESS THE PAVEMENT IS BEING REMOVED FOR ROADWAY RECONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR SAWCUTTING PAVEMENT.

WHEN SAWCUTTING OF PAVEMENT (CONCRETE, ASPHALT, ETC.) IS NECESSARY, THE CONTRACTOR SHALL EMPLOY DUST COLLECTION MEASURES AND SHALL ENSURE ALL SLURRY IS CLEANED FROM THE ROADWAY OR WALKING SURFACE IMMEDIATELY AFTER SAWING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY CAUSED BY FUGITIVE DUST AND SLURRY.

CALCULATED	QEP	CHECKED	BWB
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GENERAL NOTES

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT

\\dc01-eng\Network\_Share\ENGINEERING\CURRENT\_PROJECTS\CA&C\Project\_AF\_PID\_509 - 2120509\DESIGN\CAD\_Plans\City of Mount Vernon\CA&C\_Depot\_CAD\_BM\_P\_Phase\_1.dwg, 26-Apr-24, 3:14 PM

RECORD PLANS

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING "RECORD PLAN" CONSTRUCTION DRAWINGS TO THE CITY OF MOUNT VERNON AFTER THE PROJECT HAS BEEN COMPLETED. THE PLANS MUST IDENTIFY ANY AND ALL FIELD MODIFICATIONS TO, AND DEVIATIONS FROM, THE APPROVED PLAN SET. A REDLINE SET OF PLANS REFLECTING THE "RECORD PLAN" INFORMATION SHALL BE KEPT BY THE CONTRACTOR AND PROVIDED TO THE ENGINEER FOR REVIEW AND SUBSEQUENT PREPARATION OF THE RECORD PLAN DRAWINGS. IF THE REDLINE PLANS ARE INCOMPLETE OR MISSING INFORMATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING THE MISSING INFORMATION BY FIELD SURVEY OR OTHER MEANS TO FACILITATE A COMPLETE SET OF RECORD DRAWINGS. FOR ACCEPTANCE OF WORK, THE CITY REQUIRES A SIGNED COMPLETE SET OF RECORD DRAWINGS.

UTILITIES

THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES LOCATED IN AND AROUND THE CONSTRUCTION AREA HAVE BEEN SHOWN AND LABELED ON THE PLANS AS ACCURATELY AS PROVIDED BY USING INFORMATION PROVIDED BY THE RESPECTIVE UTILITY OWNERS. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CITY OF MOUNT VERNON AND/OR THE DESIGN ENGINEER ASSUME NO RESPONSIBILITY TO THE ACCURACY, LOCATIONS OR DEPTHS OF THE UNDERGROUND FACILITIES AS SHOWN ON THE PLANS.

THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 72 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.

SUPPORT AND PROTECTION OF ALL UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COSTS FOR REPAIR AND RESTORATION OF EXISTING UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL SERVICE LATERALS AND LINES. COSTS ASSOCIATED WITH THE ABOVE WORK AND RESPONSIBILITIES SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.

IF THERE ARE MARKERS OR OTHER APPARENT PHYSICAL EVIDENCE IN OR NEAR THE PROJECT AREA THAT MAY INDICATE THE EXISTENCE OF UNDERGROUND PETROLEUM OR NATURAL GAS PIPELINES, THE CONTRACTOR SHALL ADDITIONALLY CONTACT THE OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS) AT (1-800-925-0988, TOLL FREE). SAID NOTIFICATION SHALL BE GIVEN A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

PRIVATE UTILITY MANHOLES WITHIN THE LIMITS OF THE WORK SHALL BE ADJUSTED TO GRADE BY THE RESPECTIVE UTILITY, IF REQUIRED AS REFERENCED ON THE PLANS. ALL PRIVATE UTILITY RELOCATION (GAS, ELECTRIC, PHONE, ETC.) WILL BE THE RESPONSIBILITY OF THE UTILITY OWNERS. THIS WORK SHALL BE DONE CONCURRENTLY WITH THE IMPROVEMENTS AS DETAILED IN THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY. NO SEPARATE PAYMENT SHALL BE MADE FOR COORDINATION.

THE CITY OF MOUNT VERNON AND THE DESIGN ENGINEER ASSUME NO RESPONSIBILITY FOR UNMARKED OR INCORRECTLY MARKED UTILITIES THAT MAY INTERFERE WITH COMPLETION OF THE PROJECT. ANY DELAYS AND/OR COSTS CAUSED BY UNMARKED OR INCORRECTLY MARKED UTILITIES ARE SOLELY BETWEEN THE CONTRACTOR AND UTILITY OWNER AND ARE NOT THE RESPONSIBILITY OF THE CITY OF MOUNT VERNON AND THE ENGINEER. NOTIFICATION OF THE UTILITY COMPANIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, AT NO ADDITIONAL EXPENSE TO THE CITY OF MOUNT VERNON, 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 THE CITY OF MOUNT VERNON INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS.

TELEPHONE:  
VERIZON BUISNESS  
120 RAVINE STREET  
AKRON, OHIO 44303  
PHONE: 330-535-9056  
PHONE: AL GUEST

CABLE:  
SPECTRUM COMMUNICATIONS  
1266 DUBLIN ROAD, PO BOX 2553  
COLUMBUS, OHIO 43216-2553  
PHONE: 614-481-5263  
ATTN: KEVIN RICH

GAS:  
COLUMBIA GAS  
200 CIVIC CENTER DRIVE, 12TH FL.  
COLUMBUS, OHIO 43215  
PHONE: 800-440-6111  
ATTN: JERROD SWINEHEART

ELECTRIC:  
AMERICAN ELECTRIC POWER  
850 TECH CENTER DRIVE  
GAHANNA, OHIO 43230  
PHONE: 740-883-6871  
ATTN: ROD SLONEKER

CABLE:  
BRIGHTSPEED  
203 W. 9TH STREET  
LORAIN, OHIO 44502  
ATTN: ENGINEERING DEPT.

SANITARY SEWER:  
CITY OF MOUNT VERNON  
40 PUBLIC SQUARE  
MOUNT VERNON, OHIO 43050  
PHONE: 740-393-9528

STORM SEWER:  
CITY OF MOUNT VERNON  
40 PUBLIC SQUARE  
MOUNT VERNON, OHIO 43050  
PHONE: 740-393-9528

SITE SECURITY

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 CONTRACT PRICE. THE COST OF ALL SUCH WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.

EXCAVATIONS AND TRENCHES FOR NON-WORKING HOURS

EXCAVATIONS AND TRENCHES OVER 24 INCHES DEEP SHALL BE SECURELY PLATED, OR BACKFILLED DURING NON-WORKING HOURS. THE LENGTH OF TRENCH WHICH IS OPEN SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE CITY ENGINEER.

UNAUTHORIZED STREET EXCAVATION

IN THE EVENT THE CONTRACTOR EXCAVATES BELOW THE ELEVATIONS CALLED FOR ON THE PLANS, THE CONTRACTOR WILL BE REQUIRED TO REPLACE THIS EXCESS EXCAVATED MATERIAL WITH COMPACTED CRUSHED LIMESTONE AGGREGATE, ITEM 304 AS DIRECTED BY THE CITY AND AT NO EXTRA COST TO THE CITY OF MOUNT VERNON.

BACKFILL TESTING

PRIOR TO CONSTRUCTION, SOIL DENSITY TESTS SHALL BE MADE ON ALL TRENCHES WHICH CROSS THE PROPOSED PAVEMENTS OR WHICH LIE SUCH THAT THE PROPOSED PAVEMENTS ARE LOCATED WITHIN ANY PORTION OF THE INFLUENCE LINE OF SAID TRENCH. WHERE RESULTS INDICATE THAT THE TRENCH DOES NOT MEET THE COMPACTION REQUIREMENTS, ALL BACKFILL MATERIALS SHOULD BE REMOVED, REPLACED AND RE-TESTED UNTIL COMPACTION MEETS REQUIREMENTS OF APPLICABLE CMS.

CLEAN WATER CONNECTIONS PROHIBITED

ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT. NO SURFACE, GROUND, OR TRENCH WATER SHALL BE ALLOWED TO FLOW INTO EXISTING SANITARY SEWERS.

CONNECTIONS BETWEEN EXISTING PIPES AND PROPOSED STRUCTURES

THE COST OF MAKING CONNECTIONS BETWEEN EXISTING STORM PIPES THAT ARE TO REMAIN IN SERVICE AND PROPOSED INFRASTRUCTURE, INCLUDING BUT NOT LIMITED TO CONCRETE COLLARS, COUPLINGS, MISCELLANEOUS SECTIONS OF PIPE, BACKFILLING AND BEDDING SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND INCLUDED IN THE PRICE BID.

CROSSING AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING STORM SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE DESIGN ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. GRADES AND ELEVATIONS SHOWN ON THE PLANS SHALL NOT BE REVISED UNDER ANY CIRCUMSTANCES WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE ENGINEER. INVERT ELEVATIONS SHALL NOT DEVIATE FROM PLAN ELEVATION BY MORE THAN 0.05 FOOT. FAILING TO MEET THE ABOVE REQUIREMENTS IS CAUSE FOR REJECTION OF THE AFFECTED SECTION OF SEWER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 PIPE ITEMS.

EXISTING DRAINAGE SYSTEMS

EXISTING DRAINAGE SYSTEMS (FIELD TILES, ROOF DRAIN OUTLETS, SUMP PUMPS, ETC.) ENCOUNTERED DURING CONSTRUCTION OF THE NEW STORM SEWER OR REMOVAL OF EXISTING STORM SEWERS SHALL BE EXTENDED AS NECESSARY, AND CONNECTED TO THE PROPOSED STORM SEWER OR CULVERT BY BLIND TAPPING TO THE NEW STORM SEWER OR CONNECTED TO THE CATCH BASIN AS DIRECTED BY THE DESIGN ENGINEER. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ODOT CMS 611 ITEMS.

THIS PLAN MAKES NO PROVISIONS FOR CONNECTION, NOR SHALL THE CONTRACTOR CONNECT, ANY UNTREATED SEPTIC DRAINAGE INTO THE DRAINAGE SYSTEM. IF THE CONTRACTOR ENCOUNTERS A PIPE OR CONNECTION TO THE STORM SEWER THAT IN THE ESTIMATION OF THE CITY OF MOUNT VERNON MAY BE AN ILLICIT CONNECTION FROM AN ON-SITE SEWAGE DISPOSAL SYSTEM, THE KNOX COUNTY HEALTH DEPARTMENT SHALL BE CONTACTED AT 740-392-2200.

SPECIAL CARE SHALL BE TAKEN BY THE CONTRACTOR SO THAT EXISTING DRAINS WILL NOT BE CLOSED OR OTHERWISE RENDERED INOPERATIVE.

PONDING

CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO ALL AREAS THAT HOLD WATER AFTER CONSTRUCTION OF THE CURB RAMPS AND/OR CURB. THESE AREAS INCLUDE ANY AND ALL AREAS WITHIN THE PEDESTRIAN RIGHT-OF-WAY APPROACHING AND LEAVING THE NEWLY CONSTRUCTED CURB RAMP, AND SPOT OR CONTINUOUS CURB INSTALLATION. AREAS OF PONDING CANNOT BE IDENTIFIED UNTIL AFTER ADEQUATE RAINFALL HAS OCCURRED AND REPAIR TO THESE AREAS WILL NOT OCCUR UNTIL AFTER SUCH TIME.

DRAINAGE AT INTERSECTING STREETS

AT INTERSECTING STREETS WHERE THE DRAINAGE IS TOWARD OR INTO THE PROJECT, SPECIAL CARE SHALL BE TAKEN BY CONTRACTOR TO MAINTAIN PROPER GRADE ALONG THE EDGE OF PAVEMENT SO THAT WATER WILL NOT POND. AT INTERSECTING STREETS, WHERE THE EDGE OF PAVEMENT CONTINUES ACROSS THE STREET, CARE SHALL BE TAKEN TO FEATHER DOWN AND FORM A NEAT SEAM WITH THE PROPER GRADE.

STRUCTURE ADJUSTMENT

BEFORE ADJUSTING EXISTING STRUCTURES TO GRADE, THE CONTRACTOR, IN THE PRESENCE OF THE CITY OR ACCEPTABLE REPRESENTATIVE, SHALL INSPECT SAID STRUCTURES. IF STRUCTURES ARE IN POOR CONDITION, THEY SHOULD BE REPLACED WITH NEW STRUCTURES AT THE APPROPRIATE ELEVATIONS. THE CONTRACTOR SHALL FIELD VERIFY THE TOP OF CASTING ELEVATION OF ALL NEW STRUCTURES. IF PRECAST STRUCTURES ARE UTILIZED, A MINIMUM OF THE TOP 6 INCHES AND A MAXIMUM OF 12 INCHES SHALL BE FIELD PLACED EITHER WITH GRADE RINGS OR BRICK AND MORTAR TO ALLOW FOR FIELD ADJUSTMENT. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPLICABLE ODOT CMS ITEM 638. IF THE DESIGN ENGINEER DETERMINES THAT A STRUCTURE IS TOO LOW AFTER IT HAS BEEN PLACED AND ROUGH GRADING PERFORMED, THE CONTRACTOR SHOULD ADJUST THE STRUCTURE AS DIRECTED BY THE DESIGN ENGINEER AND RE-GRADE THE AREA ACCORDINGLY. THE COST TO ADJUST THE INLET SHALL BE PAID FOR IN THE PRICE BID FOR THE VARIOUS ODOT CMS 638 ITEMS AND SHALL CONSTITUTE FULL PAYMENT FOR ADJUSTING THE INLET INCLUDING GRADE RINGS, CONCRETE, EXCAVATION, BACKFILL, RE-GRADING, ETC.

UTILITY EXCAVATION/ INSTALLATION, AND DEMOLITION

PAYMENT FOR ALL UTILITY EXCAVATION AND/OR INSTALLATION SHALL BE INCLUDED WITHIN THE PRICE BID FOR THE CONDUIT, STRUCTURE, ETC. NO SEPARATE PAYMENT WILL BE MADE FOR EXCAVATION NECESSARY TO PERMANENTLY REMOVE ANY ITEMS DESIGNATED BY THESE PLANS. PAYMENT WILL BE INCLUDED IN THE REMOVAL ITEM.

ELEVATION CHANGES

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING UTILITY, OR EXISTING APPURTENANCE TO BE CONNECTED TO, DIFFERS FROM THE PLAN ELEVATION AND RESULTS IN A CHANGE IN THE PLAN, THE DESIGN ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED UTILITY WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED UTILITY WILL INTERSECT AN EXISTING UTILITY OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE DESIGN ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED UTILITY WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. LOCATIONS AND ELEVATIONS SHOWN ON THE PLANS SHALL NOT BE REVISED UNDER ANY CIRCUMSTANCES WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE CITY ENGINEER.

SEEDING AND MULCHING

ALL SEEDING AND MULCHING FOR ALL DISTURBED AREAS SHALL BE IN ACCORDANCE WITH ODOT CMS ITEM 659. PRICE SHALL BE INCLUDED IN ITEM 659, SEEDING AND MULCHING CLASS 1.

ALL TEMPORARY/CONSTRUCTION SEEDING AND MULCHING FOR ALL DISTURBED AREAS SHALL BE IN ACCORDANCE WITH ODOT CMS ITEM 832 - CONSTRUCTION SEEDING AND MULCHING. PRICE SHALL BE INCLUDED IN ITEM SPECIAL - EROSION CONTROL

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING REQUIRED TO PROVIDE PROPER SEED BED. ANY AREAS FAILING TO ESTABLISH A DENSE STAND SHALL BE RESEDED, RE-FERTILIZED AND RE-MULCHED AT NO ADDITIONAL COST TO THE CITY OF MOUNT VERNON.

FERTILIZATION SHALL BE COMPOSITE COMMERCIAL TYPE AND SHALL BEAR THE MANUFACTURERS GUARANTEED STATEMENT OF ANALYSIS. FERTILIZE AT A RATE OF APPLICATION TO BE USED SHALL BE BASED ON THE RESULTS OF LABORATORY TESTS CONDUCTED BY THE CONTRACTOR AFTER FINAL GRADING IS COMPLETED.

TOPSOIL

TOPSOIL PLACEMENT SHALL BE AS SPECIFIED IN ODOT CMS ITEM 653. TOPSOIL FURNISHED AND PLACED SHALL TO BE PROVIDED FROM OFF-SITE SOURCES.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING REQUIRED TO PROVIDE PROPER SEED AND PLANTING BEDS. PLACE A MINIMUM OF 4-IN OF TOPSOIL IN ALL PLANTING AREAS DISTURBED DURING CONSTRUCTION.

RESTORATION, CLEANUP, AND MAINTENANCE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE CLEANUP OF ANY DEBRIS, MUD OR DIRT TRACKED OR SPILLED IN THE CITY OF MOUNT VERNON AND/OR PUBLIC STREETS OR PRIVATE DRIVES WHETHER INSIDE OR OUTSIDE THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF ANY SERVICES CONTRACTED AND/OR COMPLETED BY THE CITY OF MOUNT VERNON IN THE CLEANUP OF ANY TRACKING OR SPILLAGE ANYTIME DURING PROJECT CONSTRUCTION. THE CITY OF MOUNT VERNON MAY REQUIRE THE CONTRACTOR TO PERFORM REGULAR AND FREQUENT PAVEMENT CLEANING IF EXCESSIVE AMOUNTS OF DIRT AND MUD ARE LEFT ON THE PAVEMENTS. THIS MAY INCLUDE REMOVAL BY SWEEPING, POWER CLEANING, OR MANUAL METHODS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID, UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL LEAVE THE AREA DISTURBED BY CONSTRUCTION IN THE SAME OR BETTER CONDITION AS PRIOR TO COMMENCEMENT OF THIS WORK.

IT IS THE INTENT OF THE CITY OF MOUNT VERNON TO KEEP INCONVENIENCE TO THEIR RESIDENTS, BUSINESSES, AND GUESTS AT AN ABSOLUTE MINIMUM. ALL WORK IS TO CONTINUE ON A UNIFORM BASIS AND ON SCHEDULE, PARTICULARLY THE RESTORATION AND CLEANUP OF DISTURBED AREAS AFTER CONSTRUCTION. ALL FENCES, SIGNS, DRAINAGE STRUCTURES, LANDSCAPING AREAS, OR OTHER PHYSICAL FEATURES ETC. REMOVED, DISTURBED OR DAMAGED DURING WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR UNLESS OTHERWISE PROVIDED FOR IN THE CONTRACT. ALL SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S ENGINEER AND CITY OF MOUNT VERNON. ALL ADDITIONAL COSTS SHALL BE AT THE CONTRACTOR'S EXPENSE. NO SEPARATE PAYMENT SHALL BE MADE.

THE CONTRACTOR SHALL PERFORM DAILY CLEANUP OF THE WORK SITE. ALL TRASH, INCLUDING CANS, BOTTLES, FOOD SCRAPS, CONTAINERS, AND WRAPPERS SHALL BE PROPERLY DISPOSED OF OFF-SITE AND SHALL NOT BE THROWN IN THE CONSTRUCTION AREA, OR WITHIN TRASH RECEPTACLES PROVIDED BY THE CITY OF MOUNT VERNON FOR IT'S GUESTS.

CARE SHALL BE EXERCISED WHEN WORKING AROUND EXISTING TREES AND SHRUBS. ANY TREES OR SHRUBS NOT MARKED FOR REMOVAL, AND DAMAGED BY THE CONTRACTOR WILL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF MOUNT VERNON AND/OR THE OWNER.

SPECIAL CARE SHALL BE TAKEN TO AVOID DAMAGE TO TREES AND THEIR ROOT SYSTEMS. MACHINE EXCAVATION SHALL NOT BE USED WHEN, IN THE OPINION OF THE ENGINEER, IT WOULD ENDANGER THE TREE ROOTS. IN GENERAL, WHERE EXCAVATION IS WITHIN TEN (10) FEET OF THE CENTER OF A TREE WHICH IS NOT TO BE REMOVED, THE ENGINEER SHALL BE NOTIFIED (PRIOR TO EXCAVATION) FOR HIS DETERMINATION ON HOW BEST TO PROCEED. THE OPERATION OF ALL EQUIPMENT, PARTICULARLY WHEN EMPLOYING BOOMS, THE STORAGE OF MATERIALS AND THE DISPOSITION OF EXCAVATION, SHALL BE CONDUCTED IN A MANNER WHICH WILL NOT INJURE TREES, TRUNKS, BRANCHES OR THEIR ROOTS. THE COST OF ALL SUCH WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.

ALL AREAS IN THE RIGHT-OF-WAY ARE TO BE GRADED AND SEEDDED AS SOON AS WORK IN THAT AREA IS COMPLETE.

ALL SURFACES INCLUDING DRAINAGE STRUCTURES, LANDSCAPING, PAVEMENTS, DRIVEWAYS, BERMS AND OTHER SURFACES DISTURBED DURING CONSTRUCTION OF THIS PROJECT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER BY THE CONTRACTOR AT NO ADDITIONAL COST.

CONTRACTOR SHALL KEEP ALL STREETS, LANES, AND PARKING AREAS ADJACENT TO THE PROJECT CLEAN AND FREE FROM ANY DEBRIS, MUD AND/OR OTHER CONSTRUCTION EQUIPMENT AT ALL TIMES DURING THE PROJECT. ALL VEHICLES SHALL ENTER AND EXIT THE WORK SITE BY THE SAME ROUTE TO AVOID THE TRACKING OF ANY CONSTRUCTION MATERIALS. THE CONTRACTOR IS PROHIBITED FROM USING DRIVEWAYS TO TURN VEHICLES AROUND. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AT HIS OWN EXPENSE ANY CONSTRUCTION DEBRIS FROM ALL CURBS, GUTTERS, STRUCTURES, OR NON-SCHEDULED STREETS WHICH HAVE BEEN MARRED OR DEFACED DURING THE PROCESS OF TRANSPORTING OR APPLYING ANY CONSTRUCTION RELATED MATERIALS

TRENCHING

EXCAVATING AND BACKFILLING FOR SEWERS SHALL COMPLY WITH ODOT CMS ITEM 638. THE CONTRACTOR SHALL EXCAVATE ALL MATERIAL OF WHATEVER NATURE ENCOUNTERED, INCLUDING ROCK, AND REMOVE EXCESS MATERIAL FROM THE SITE. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROCK EXCAVATION. BLASTING IS NOT PERMITTED.

TRENCHING (CONT'D)

ANY EXCAVATION PERFORMED BEYOND THE STANDARD TRENCH WIDTH, AS DEFINED ON THE PLAN DETAILS DUE TO SITE CONDITIONS OR THE CONTRACTOR'S METHODS ARE DONE SO SOLELY AT THE CONTRACTOR'S EXPENSE. NO EXTRA PAYMENT WILL BE MADE FOR UNAUTHORIZED EXCAVATION.

TRENCH BACKFILL

TRENCHES WITHIN A 1:1 INFLUENCE OF THE ROADWAY AND/OR PAVEMENT INCLUDING ALL POINTS WITHIN 5-FEET BEHIND THE CURB OR EDGE OF PAVEMENT, SHALL BE FILLED AND COMPACTED PER ODOT CMS ITEM 703.11 STRUCTURAL BACKFILL. ALL OTHER TRENCHES SHALL BE FILLED AND COMPACTED AS PER ODOT CMS ITEM 638 COMPACTED BACKFILL AT A MINIMUM, OR AS OTHERWISE INDICATED WITHIN THESE PLANS. ALL COSTS FOR BACKFILL SHALL BE INCLUDED IN THE PRICE BID. NO SEPARATE PAYMENT SHALL BE MADE.

THE EXCAVATED TRENCH WIDTH 12-INCHES ABOVE THE CONDUIT MAY BE INCREASED WITHOUT EXTRA COMPENSATION. THE MINIMUM TRENCH WIDTH SHALL BE 3-FEET TO ALLOW ROOM FOR MECHANICAL EQUIPMENT (HOE TAMPS, JUMPING JACKS, ETC.).

PROVIDE COMPACTION EQUIPMENT THAT COMPACTS THE MATERIAL UNDER THE HAUNCH OF THE PIPE. USE SHOVEL SLICING AND SPUD BARS IN CONJUNCTION WITH THE COMPACTION OPERATIONS TO COMPACT THE MATERIAL AND TO MANIPULATE THE MATERIAL UNDER THE HAUNCH OF THE PIPE.

WHERE THE NEW STORM SEWER, WATERLINE, OR SANITARY SEWER CROSSES UNDER AN EXISTING UTILITY LINE, NO. 57 STONE OR CDF SHALL BE USED VERTICALLY FROM THE BOTTOM OF THE NEW TRENCH TO 6-INCHES ABOVE THE TOP OF THE EXISTING UTILITY AND HORIZONTALLY 5-FEET ON EACH SIDE OF THE EXISTING UTILITY. THE GRANULAR BACKFILL SHALL BE PLACED AND COMPACTED IN LIFTS NOT TO EXCEED 24-INCHES FOR NO. 57 STONE.

ALL PAVEMENT TRENCH CUTS COVERED WITH STEEL TRAFFIC PLATES SHALL BE SHEETED/SHORED OR TRENCH BOXED. NO PLATES SHALL SPAN HOLLOW TRENCHES LOWER THAN 12-INCHES BELOW PAVEMENT SURFACE. ALL PLATES SHALL BE PINNED SECURELY IN PLACE AND WEDGED WITH COLD PATCH MATERIAL IN THE DIRECTION OF TRAFFIC FLOW. BETWEEN DECEMBER 1 AND APRIL 1 TRENCHES SHALL BE BACKFILLED FLUSH WITH PAVEMENT AND COVERED WITH STEEL PLATES. PLATE SIGNS SHALL BE PLACED FOR BOTH DIRECTIONS OF TRAFFIC.

ANY LOSS OF EXISTING PAVEMENT SUB-BASE DUE TO TRENCHING OPERATION AND THE UNDERMINED PAVEMENT ABOVE SUCH AREA SHALL BE SAWCUT AND REPAIRED TO THE SATISFACTION OF THE CITY OF MOUNT VERNON AT NO COST TO THE CITY.

WATER MAINS CONSTRUCTED IN FILL AREAS SHALL BE CONSTRUCTED AFTER COMPACTED FILL HAS BEEN INSTALLED TO PROPOSED GRADE.

MATERIALS & COMPACTION TESTING

CONCRETE AND COMPACTION TESTING SHALL BE PERFORMED BY TERRACON CONSULTANTS INC. THROUGH THE CITY OF MOUNT VERNON. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PLAN AND COORDINATE WITH THE CITY OF MOUNT VERNON ENGINEERING DEPARTMENT TO ENSURE THESE SERVICES CAN BE SCHEDULED IN ADVANCE.

PAVEMENT JOINTS

ALL PAVEMENT JOINTS, PARTICULARLY WHERE A PROPOSED PAVEMENT ABUTS AN EXISTING PAVEMENT, AND ALL PAVEMENT JOINTS ABUTTING UTILITY STRUCTURES SUCH AS MANHOLES, CATCH BASINS, VALVE BOXES, ETC., SHALL BE FILLED IN ACCORDANCE WITH A MATERIAL AS SPECIFIED BY ODOT CMS ITEM 705.04.

CONTRACTOR SHALL ADD CONTROL JOINTS IN FINISHED ASPHALT WORK ABOVE SUBBASE CONCRETE CONTROL JOINTS. CONTROL JOINTS SHALL BE FILLED WITH FIBERIZED JOINT FILLER MATERIAL PER ODOT CMS ITEM 423. COST TO BE INCLUDED IN THE VARIOUS PAVEMENT BID ITEMS.

MAINTENANCE OF TRAFFIC

MAINTENANCE OF TRAFFIC WORK PLAN AND WORK SCHEDULE:  
THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A MAINTENANCE OF TRAFFIC (MOT) PLAN. THE MOT PLAN SHALL DISCUSS TRAFFIC FLOW PATTERS, DETOURS, LANE CHANGES, LOCATION OF CONTROL DEVICES, CONSTRUCTION PHASING, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP THE PLAN CURRENT AND ADVISE THE ENGINEER AND OWNER OF ANY CHANGES. THE CONTRACTOR IS TO PROVIDE THE ENGINEER WITH A CONSTRUCTION WORK SCHEDULE STATING WHAT STREETS CONSTRUCTION ACTIVITY WILL OCCUR ON. THE CONTRACTOR IS TO PROVIDE THE ENGINEER AND OWNER WITH AN UPDATED WORK SCHEDULE ON A WEEKLY BASIS. THESE EFFORTS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC.

NOTIFICATION

THE CONTRACTOR SHALL NOTIFY THE CITY OF MOUNT VERNON, THE CITY OF MOUNT VERNON POLICE DEPARTMENT, THE CITY OF MOUNT VERNON FIRE DEPARTMENT, AND THE LOCAL BOARD OF EDUCATION AT LEAST 48 HOURS PRIOR TO MAKING ANY CHANGES IN TRAFFIC PATTERNS OR STREET CLOSING.

TRAFFIC CONTROL

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND REMOVE LIGHTS, SIGNS, BARRICADES, TEMPORARY GUARDRAILS, OTHER TRAFFIC CONTROL DEVICES AND FURNISH WATCHMEN AND FLAGGERS, AS MAY BE NECESSARY TO MAINTAIN SAFE TRAFFIC CONDITIONS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), AND THE OHIO MANUAL OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS.

WHEN IT IS NECESSARY TO DIVERT TRAFFIC FROM ITS NORMAL CHANNEL INTO ANOTHER CHANNEL, SUCH DIVERSION SHALL BE CLEARLY MARKED BY CONES, DRUMS, BARRICADES OR TEMPORARY GUARDRAILS. WHENEVER ONE LANE TRAFFIC IS ESTABLISHED AT LEAST TWO FLAGGERS SHALL BE USED. THE FLAGGERS SHALL BE EQUIPPED AND SHALL PERFORM THEIR DUTIES ACCORDING TO THE STANDARD FOR FLAGGING TRAFFIC CONTAINED IN THE OMUTCD.

TRAFFIC CONTROL SHALL FOLLOW THE PROCEDURES DESCRIBED IN THE OMUTCD USING SIGNAGE AND TWO (2) FLAGGERS.

THE CONTRACTOR WILL AT THE END OF THE DAYS WORK, EITHER BACKFILL ANY EXCAVATIONS TO THE ORIGINAL CONTOUR OF THE GROUND OR PROVIDE STEEL PLATES TO COVER THE EXCAVATION. ALL EQUIPMENT AND VEHICLES MUST BE REMOVED FROM THE RIGHT-OF-WAY.

ALL LANES OF TRAFFIC MUST BE MAINTAINED ON ALL ROADS DURING NON-WORKING HOURS.

CALCULATED  
QEP  
CHECKED  
BWB

GENERAL NOTES

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT

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**MAINTENANCE OF TRAFFIC (CONTINUED)**

**STREET CLOSING**

WHEN IT IS REQUIRED THAT THE STREET OR ROAD BE CLOSED TO THROUGH TRAFFIC, THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND REMOVE SIGNS, BARRICADES, ETC., AS PER THE ODOT AND THE MARION COUNTY ENGINEER. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ADVANCE WARNING SIGNS, DETOUR SIGNS, AND BARRICADES, ETC. ON ALL STREETS INCLUDING SIDE STREETS IN THE AREA AFFECTED BY THE WORK.

CONTRACTOR SHALL SCHEDULE HIS WORK TO ENSURE THAT EACH ROAD CLOSING IS NO LONGER THAN SIX (6) HOURS AND OCCURS BETWEEN THE HOURS OF 9:00 A.M. TO 3:00 P.M. MONDAY THROUGH FRIDAY. THE CONTRACTOR SHALL MAKE SUITABLE PROVISIONS FOR ACCESS BY LOCAL RESIDENTS, SCHOOL BUSES, MAIL DELIVERY VEHICLES, POLICE, FIRE, AND EMERGENCY VEHICLES AT ALL TIMES.

THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN DETOUR MARKING SIGNS ON TEMPORARY ROUTES.

ADVANCE NOTICE OF ALL STREET CLOSINGS SHALL BE MADE TO THE COUNTY ENGINEER'S OFFICE AND THE LOCAL SCHOOL DISTRICT AND LOCAL MEDIA AT LEAST ONE WEEK PRIOR TO CLOSURE.

**SAFETY**

IF IN THE OPINION OF THE ENGINEER, PROPER MAINTENANCE OF TRAFFIC FACILITIES AND PROPER PROVISION FOR TRAFFIC CONTROL ARE NOT BEING PROVIDED AND THE SAFETY OF THE PUBLIC IS THUS ENDANGERED, THE OWNER MAY TAKE THE NECESSARY STEPS TO PLACE THEM IN PROPER CONDITION AND THE COST OF SUCH SERVICES WILL BE DEDUCTED FROM ANY MONEY WHICH MAY BE DUE THE CONTRACTOR.

**DRIVEWAYS**

NO DRIVEWAY IS TO BE CLOSED FOR MORE THAN FIVE (5) HOURS WITH THE TIME STARTING WHEN THE ENTRANCE IS CLOSED TO TRAFFIC. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING PROPERTY OWNERS, RESIDENTS, OR BUSINESS OPERATORS IN WRITING AT LEAST 24 HOURS BUT NOT MORE THAN 72 HOURS PRIOR TO CLOSURE. THE ENGINEER SHALL BE GIVEN A LIST OF THE BUSINESSES THAT WERE GIVEN NOTICES WITH THE DATE OF NOTICES INCLUDED. IF FOR ANY REASON THE FIVE (5) HOUR MAXIMUM LIMIT IS EXCEEDED ON ANY DRIVEWAY, THE CONTRACTOR WILL NOT BE PERMITTED TO CLOSE ANY FURTHER DRIVEWAYS UNTIL ALL CLOSED DRIVEWAYS ARE REOPENED. DRIVEWAYS SHALL NOT BE CLOSED DURING THE EVENING OR ON WEEKENDS UNLESS APPROVED BY THE CITY ENGINEER.

**COSTS**

COSTS FOR MAINTAINING TRAFFIC SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ODOT CMS ITEM 614 MAINTAINING TRAFFIC

**SUPPLEMENTAL ITEM NOTES**

**ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS, LABOR, TOOLS, MATERIAL, EQUIPMENT NECESSARY TO CLEAR AND GRUB ALL TREES, FENCE POSTS, ROCKS, BRUSH, STUMPS, AND FENCE SPECIFICALLY MARKED FOR REMOVAL THAT HAVE NOT BEEN ITEMIZED WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. THE CITY OF MOUNT VERNON RESERVES THE RIGHT TO ORDER THE REMOVAL OF ANY RIGHT-OF-WAY ENCROACHMENT, ADDITIONAL TREES AND STUMPS LOCATED WITHIN THE RIGHT-OF-WAY, BUT NOT SHOWN ON THE PLANS.

THE CITY WILL PAY FOR ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN AT THE CONTRACT UNIT PRICE OF LUMP SUM.

**ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT CONCRETE)**

THIS ITEM SHALL BE PERFORMED PER ODOT SPEC 202.05. THE SECTION OF THE EXISTING ASPHALT PAVEMENT IS UNKNOWN. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING THE EXISTING CONDITIONS AND SHALL BID THIS ITEM ACCORDINGLY.

**ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (PORTLAND CEMENT CONCRETE)**

THIS ITEM SHALL BE PERFORMED PER ODOT SPEC 202.05. THE SECTION OF THE EXISTING PORTLAND CEMENT CONCRETE PAVEMENT IS UNKNOWN. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING THE EXISTING CONDITIONS AND SHALL BID THIS ITEM ACCORDINGLY.

**ITEM 202 - ELECTRONIC SIGN REMOVED, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE REMOVAL AND DISPOSAL OF THE ELECTRONIC SIGN AS INDICATED ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE DISCONNECTION OF THE SIGN FROM THE SOURCE OF POWER. ANY CABLE AND CONDUIT SHALL THEN BE PROPERLY ABANDONED OR REMOVED AT THE DIRECTION OF THE CITY OF MOUNT VERNON.

**ITEM 203 - EXCAVATION, AS PER PLAN (GRAVEL PARKING AREA)**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE EXCAVATION OF THE EXISTING GRAVEL PARKING AREA PER ODOT STANDARD SPECIFICATIONS AND AS SHOWN IN THE PLANS.

**ITEM 304 - AGGREGATE BASE, AS PER PLAN**

ESTIMATED QUANTITIES FOR ITEM 304 - AGGREGATE BASE, AS PER PLAN INCLUDE EXCAVATION OF EXISTING SUB-BASE MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING WITH THE ENGINEER IF EXISTING SUB-BASE MATERIAL IS ACCEPTABLE. IF THE ENGINEER DETERMINES THAT THE EXISTING SUB-BASE MATERIAL IS NOT ACCEPTABLE, THE EXISTING MATERIAL SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE AGGREGATE BASE MATERIAL.

**ITEM 452 - 8" FIBER-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN**

ALL MATERIALS AND WORK PERFORMED UNDER THIS ITEM SHALL CONFORM TO ODOT SPEC 452 EXCEPT AS MODIFIED WITHIN THESE PLANS. THE CONCRETE SHALL CONTAIN SYNTHETIC FIBERS FOR USE IN PORTLAND CEMENT CONCRETE PER ODOT SPEC 705.29. THE CONCRETE SHALL ALSO CONTAIN AN INTEGRAL CONCRETE SEALER PER ODOT SPEC 705.12 AND ASTM C494. THE ADMIXTURE USED SHALL BE PREMIERE CONCRETE ADMIXTURES IMPEDE INTRASEAL OR APPROVED EQUAL.

**ITEM 608 - 4" CONCRETE WALK, AS PER PLAN**

ALL SIDEWALK SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG) AS WELL AS THE CITY OF MOUNT VERNON RESIDENTIAL CONCRETE SIDEWALK DETAIL. FINAL ACCEPTANCE AND COMPLIANCE WITH PROWAG GUIDELINES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ALL CURB RAMPS OR ASSOCIATED WORK FOUND TO BE NON-COMPLIANT WITH PROWAG GUIDELINES SHALL BE REMOVED AND RECONSTRUCTED BY THE CONTRACTOR TO MEET PROWAG REQUIREMENTS AT NO ADDITIONAL COST TO THE CITY OF MOUNT VERNON.

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE INSTALLATION OF THE PROPOSED CONCRETE WALK ACCORDING TO PROWAG GUIDELINES AND THE CITY OF MOUNT VERNON RESIDENTIAL CONCRETE SIDEWALK DETAIL.

**ITEM 608 - DETECTABLE WARNING, AS PER PLAN**

ALL DETECTABLE WARNINGS SHALL BE 2' X 4' CAST IRON TRUNCATED DOMES OR A SUITABLE ALTERNATIVE APPROVED BY THE CITY ENGINEER.

**ITEM 611 - 4" CONDUIT, TYPE B, AND ITEM 611 - 4" CONDUIT, TYPE C**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE INSTALLATION OF THE PROPOSED STORM SEWER PER ODOT STANDARD SPECIFICATIONS AND AS SHOWN IN THE PLANS. GRAVITY SEWERS SHALL BE ASTM D-3034, SDR 35 PVC WITH GASKETED JOINTS PER ASTM D-3212 AND BEDDING PER ASTM CLASS I OR CLASS II.

ALL GRAVITY SEWERS AND LATERALS MUST BE TESTED IN ACCORDANCE WITH THE CITY OF MOUNT VERNON STANDARDS AND SPECIFICATIONS. ANY PIPING NEEDING REPLACED DUE TO

FAILING TESTS SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY OF MOUNT VERNON.

**ITEM 659 - TOPSOIL, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE PLACEMENT OF TOPSOIL IN THE GRAVEL PARKING AREA TO BE EXCAVATED. THE ODOT ITEM 659 AND STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK.

**SPECIAL - STATUE TRANSPORTED, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE TRANSPORTATION OF THE STATUE FROM AN UNDISCLOSED LOCATION IN NEW ORLEANS, LOUISIANA TO THE PROJECT LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTION OF THE STATUE UPON ARRIVAL TO CONFIRM THERE IS NO DAMAGE OR DEFECTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE SAFE TRANSPORT, LOADING, AND UNLOADING OF THE STATUE. THE CONTRACTOR IS LIABLE FOR ANY DAMAGES INCURRED AS A RESULT OF TRANSPORT, LOADING, OR UNLOADING AND SHALL REPLACE THE STATUE AT NO COST TO THE CITY OF MOUNT VERNON. ONCE THE CONTRACTOR IS READY FOR TRANSPORT OF THE PROPOSED STATUE THE LOCATION SHALL BE OBTAINED FROM THE CONTACT BELOW.

JEN ODENWELLER  
ARIEL FOUNDATION DIRECTOR  
T: (740) 392-0364  
E-MAIL: DIRECTOR@ARIEL-FOUNDATION.ORG

**SPECIAL - STATUE PEDESTAL, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL ENGINEERING, LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE DESIGN, PROCUREMENT, AND ERECTION OF THE STATUE PEDESTAL. THE PEDESTAL FOR THE PROPOSED STATUE SHALL BE A DECORATIVE PRECAST CONCRETE PEDESTAL. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A P.E. STAMPED SHOP DRAWING SUBMITTAL AND SUBMITTING TO THE CITY OF MOUNT VERNON FOR REVIEW AND APPROVAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY FEDERAL OR STATE PERMITS REQUIRED.

**SPECIAL - FLAG POLE, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE PROCUREMENT AND ERECTION OF THE PROPOSED FLAG POLE. THE FLAG POLE SHALL BE ALUMINUM AND OF ONE PIECE CONSTRUCTION. FLAG POLE TO BE USED ALONG WITH A DETAIL OF THE CONCRETE BASE SHALL BE SUBMITTED TO THE CITY OF MOUNT VERNON FOR APPROVAL.

**SPECIAL - BENCH, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE PROCUREMENT AND ERECTION OF THE BENCH. THE BENCH SHALL BE A 6' LONG DUMOR 58-60 SERIES.

**SPECIAL - SWING RELOCATED, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE RELOCATION, ERECTION, AND ANCHORING OF THE CUSTOM METAL FABRICATED SWINGS FROM CUSTOM CUTTERS AT 8924 COLUMBUS RD TO THE AREAS AS SHOWN ON THE PLANS. THIS WORK SHALL BE COORDINATED WITH THE CITY OF MOUNT VERNON AND CUSTOM CUTTERS.

**SPECIAL - STATUE INSTALLED, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE ERECTION, INSTALLATION, AND SECUREMENT OF THE PROPOSED STATUE TO THE PROPOSED STATUE PEDESTAL. THE PROPOSED STATUE SHALL BE PROVIDED BY THE CITY OF MOUNT VERNON AND WORK SHALL BE COORDINATED WITH THE CITY PRIOR TO STARTING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY FEDERAL OR STATE PERMITS REQUIRED TO COMPLETE THIS WORK.

**SPECIAL - BRICK PAVER WALK, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR AND EQUIPMENT REQUIRED FOR THE CONSTRUCTION OF THE BRICK PAVER WALK. THE BID PRICE SHALL ALSO INCLUDE THE LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO SET THE MASONRY LEVELING SAND. THE BRICK PAVER WALK SHALL BE CONSTRUCTED PER CITY OF MOUNT VERNON SPECIFICATIONS AND DETAILS FOUND ON THESE PLANS. BRICK PAVERS WILL BE SUPPLIED BY THE CITY OF MOUNT VERNON.

**SPECIAL - LANDSCAPING**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE ALL LABOR AND EQUIPMENT REQUIRED FOR THE CONSTRUCTION OF THE LANDSCAPED AREA SURROUNDING THE PROPOSED STATUE PEDESTAL. THE LANDSCAPING SHALL INCLUDE MULCHING AND PLANTING OF SHRUBS. THE TYPES AND MATERIALS SHALL BE SPECIFIED BY THE CITY OF MOUNT VERNON AT A LATER DATE.

**SPECIAL - STATUE LIGHTING**

LIGHTING SHALL ILLUMINATE THE PROPOSED STATUE AND FLAG POLE AT NON-SUNLIGHT HOURS. THE LIGHTS SHALL BE SET ON A TIMER AND SOLAR POWERED. LIGHTING SHALL BE SUBMITTED TO THE CITY OF MOUNT VERNON PRIOR TO INSTALLATION.

**EROSION CONTROL, AS PER PLAN**

THE BID PRICE FOR THIS ITEM SHALL INCLUDE EROSION CONTROL PERFORMED PER THE EROSION CONTROL PLAN AND NOTES ON SHEETS 10 AND 11 OF THIS PLAN. THE SITE SHALL BE CONTAINED BY COMPOST FILTER SOCK INSTALLED PER PLAN. THE COMPOST FILTER SOCK WILL BE PROVIDED BY THE CITY OF MOUNT VERNON. BEFORE CONSTRUCTION COMMENCES THE FILTER SOCK CAN BE PICKED UP AT HEARTLAND COMMERCE PARK. THE CONTRACTOR SHALL COORDINATE THE PICK-UP OF MATERIALS WITH THE MAINTENANCE PERSONNEL OF HCP LISTED BELOW:

STEVE BENEDICT  
HEAD OF MAINTENANCE  
T:(740)504-1164

QUANTITIES

ITEM	ITEM EXT.	DESCRIPTION	TOTAL	UNIT
DEMOLITION				
201	11000	CLEARING AND GRUBBING, AS PER PLAN	1	LS
202	23001	PAVEMENT REMOVED, AS PER PLAN (ASPHALT CONCRETE)	1,950	SY
202	23001	PAVEMENT REMOVED, AS PER PLAN (PORTLAND CEMENT CONCRETE)	55	SY
202	30000	WALK REMOVED	380	SF
202	98100	ELECTRONIC DISPLAY SIGN REMOVED, AS PER PLAN	1	EA
SITE IMPROVEMENTS				
103	06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND	1	LS
203	10001	EXCAVATION, AS PER PLAN	306.0	CY
204	10000	SUBGRADE COMPACTION	2,900	SY
304	20001	AGGREGATE BASE, AS PER PLAN*	453	CY
305	17500	5" CONCRETE BASE, AS PER PLAN (BRICK PAVER WALK)	54	SY
452	12011	8" FIBER-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN	2,610	SY
511	53010	CLASS QC1 CONCRETE, MISC.: BENCH FOUNDATION, AS PER PLAN	2.3	CY
511	53010	CLASS QC1 CONCRETE, MISC.: SWING FOUNDATION, AS PER PLAN	3.3	CY
608	10001	4" CONCRETE WALK, AS PER PLAN	1,390	SF
608	53021	DETECTABLE WARNING, AS PER PLAN	4	EA
609	23000	CURB, TYPE 6	132	FT
611	01800	8" CONDUIT, TYPE B	197	FT
611	02000	8" CONDUIT, TYPE C	20	FT
611	99900	DRAINAGE STRUCTURE, MISC.: INFILTRATION MANHOLE, AS PER PLAN	1	EA
624	10000	MOBILIZATION	1	LS
630	01100	GROUND MOUNTED SUPPORT, NO. 1 POST	2	EA
630	80101	SIGN, FLAT SHEET, AS PER PLAN	2	EA
646	10400	STOP LINE	10	FT
646	10600	TRANSVERSE/DIAGONAL LINE	371	FT
646	10900	HANDICAP SYMBOL MARKING	2	EA
646	20200	PARKING LOT STALL MARKING	735	FT
659	00301	TOPSOIL, AS PER PLAN	306	CY
659	10001	SEEDING AND MULCHING, AS PER PLAN	1,725	SY
690	50500	SPECIAL - CONCRETE PARKING BLOCK	6	EA
690	98000	SPECIAL - STATUE TRANSPORTED, AS PER PLAN	1	EA
690	98000	SPECIAL - STATUE PEDESTAL, AS PER PLAN	1	EA
690	98000	SPECIAL - FLAG POLE, AS PER PLAN	1	EA
690	98000	SPECIAL - BENCH, AS PER PLAN	3	EA
690	98000	SPECIAL - SWING RELOACTED, AS PER PLAN	3	EA
690	98000	SPECIAL - STATUE INSTALLED	1	EA
690	98200	SPECIAL - BRICK PAVER WALK (LABOR ONLY), AS PER PLAN	480	SF
690	98400	SPECIAL - LANDSCAPING	1	LS
690	98400	SPECIAL - STATUE LIGHTING	1	LS
832	30000	EROSION CONTROL, AS PER PLAN	1	LS

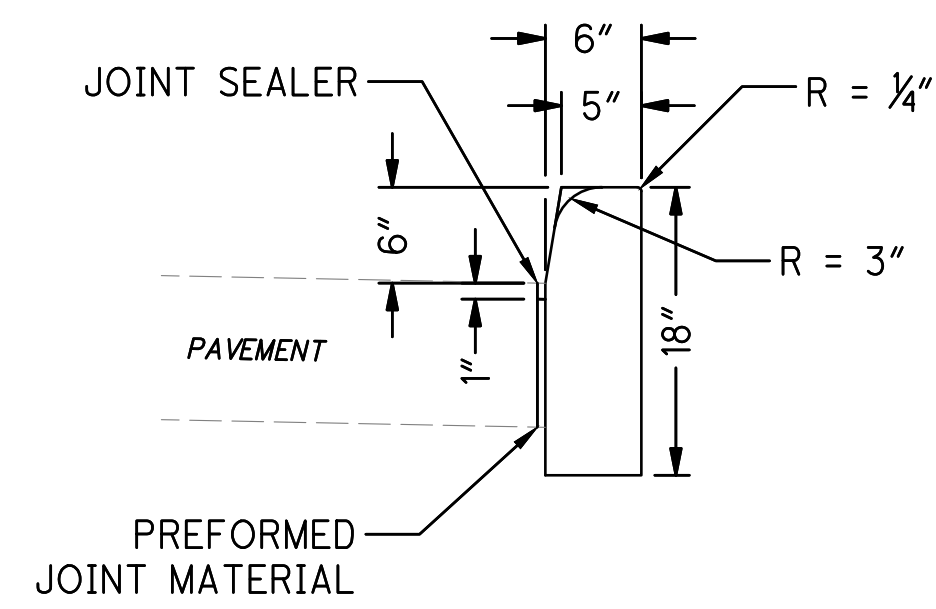
\*DENOTES CONTINGENCY ITEM, AS DIRECTED BY THE ENGINEER

CALCULATED  
QEP  
CHECKED  
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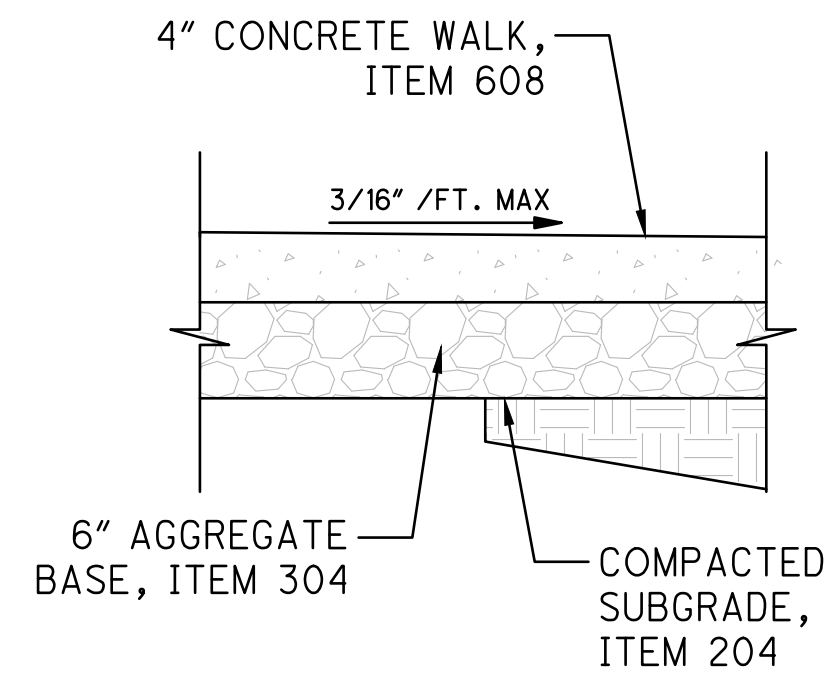
GENERAL NOTES & QUANTITIES

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT

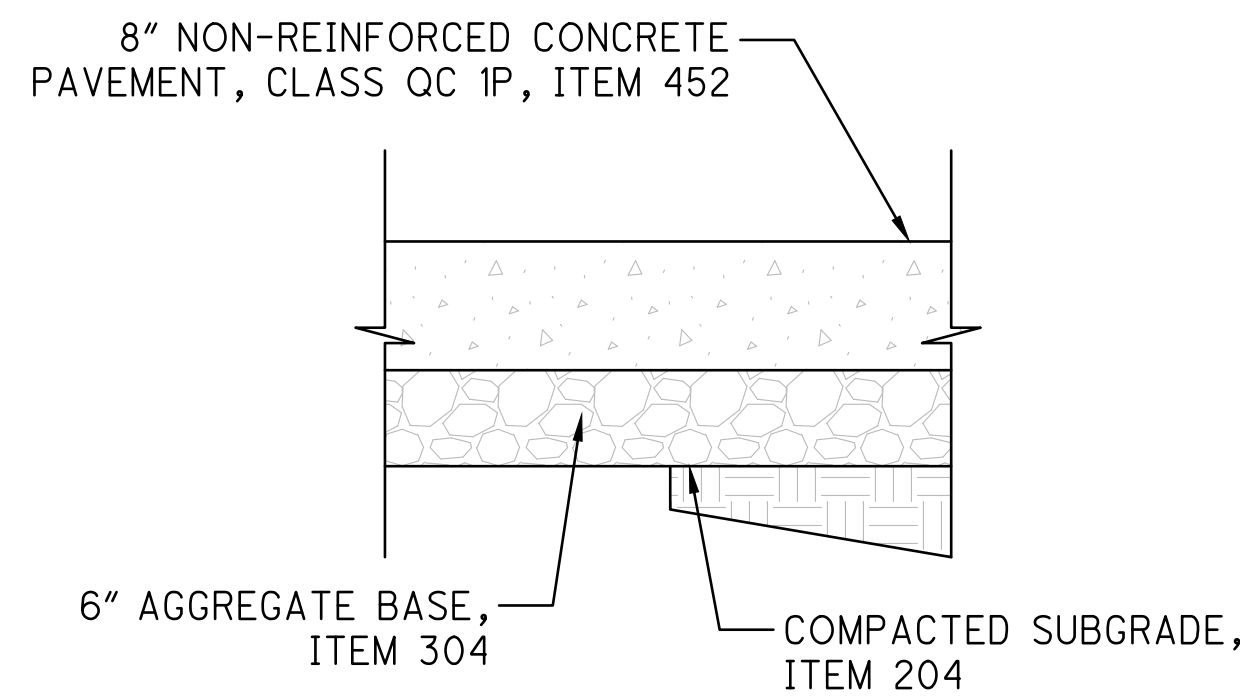
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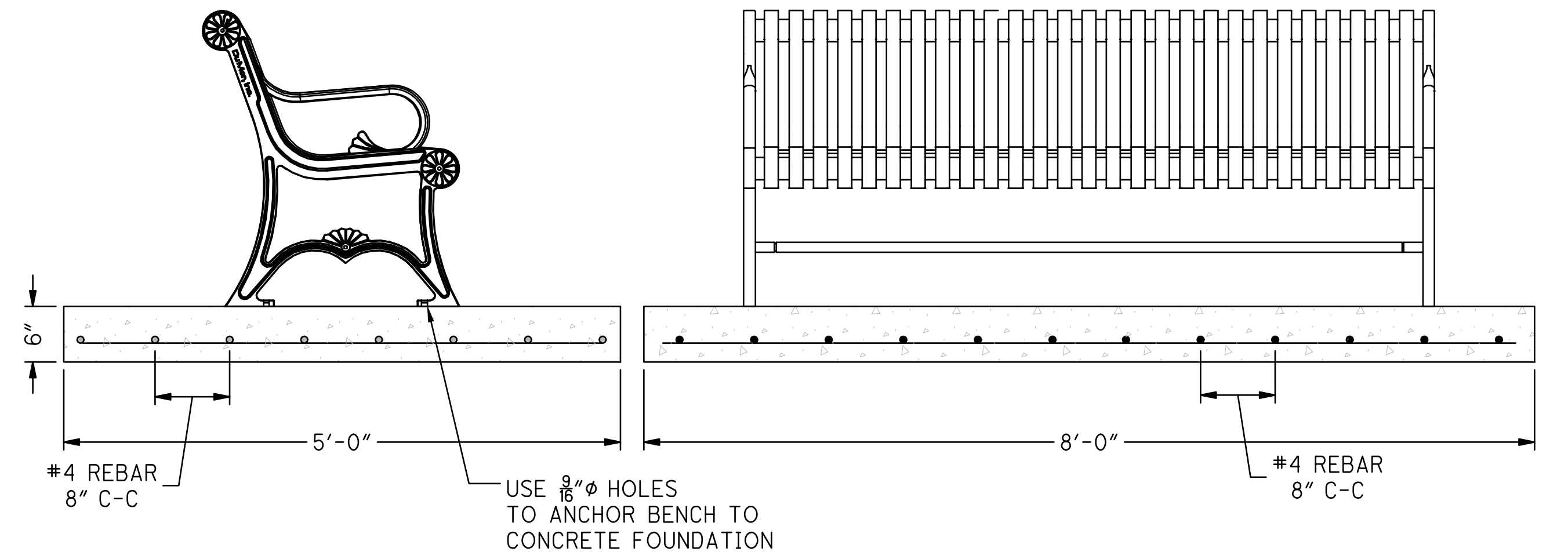
CURB, TYPE 6, AS PER PLAN



4" CONCRETE WALK



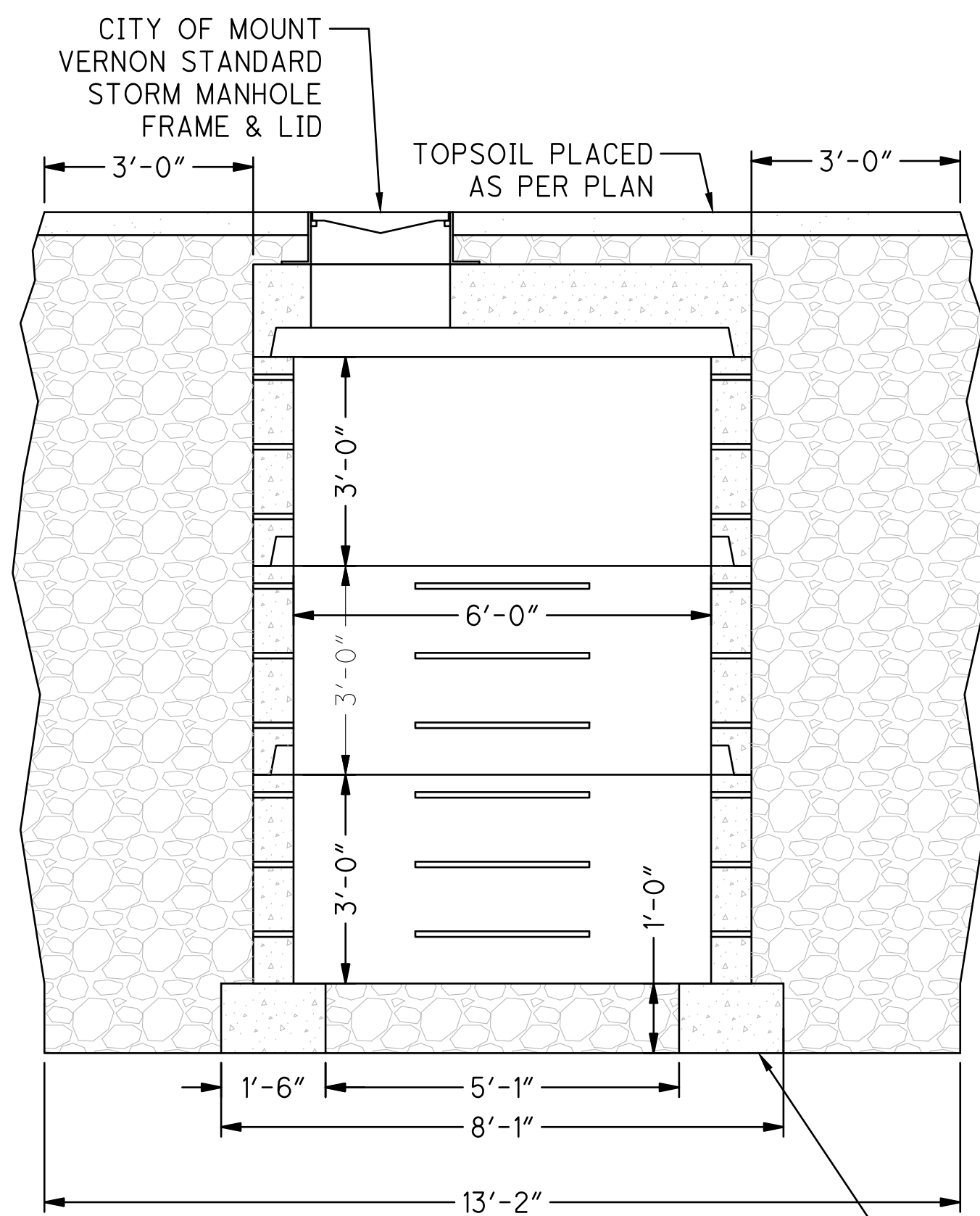
CONCRETE PAVEMENT  
TYPICAL SECTION



**NOTES:**

- BENCH SHALL BE ANCHORED TO THE CONCRETE BENCH FOUNDATION WITH 1/2"x3-3/4" STAINLESS STEEL WEDGE ANCHORS.
- ALL REBAR SHALL HAVE A MIN. CLEARANCE OF 2".
- CONCRETE SHALL BE AN ODOT QC1 CONCRETE MIX.

CONCRETE BENCH FOUNDATION



**NOTES:**

- MANHOLE SHALL BE PER ODOT MH-3 SCD EXCEPT AS MODIFIED WITHIN THIS DETAIL.
- AREA AROUND MANHOLE SHALL BE BACKFILLED WITH #57 GRAVEL.
- THERE SHALL BE 12 SLOT OPENINGS 1" HIGH X 2'-10" WIDE IN EACH 36" TALL RISER SECTION.

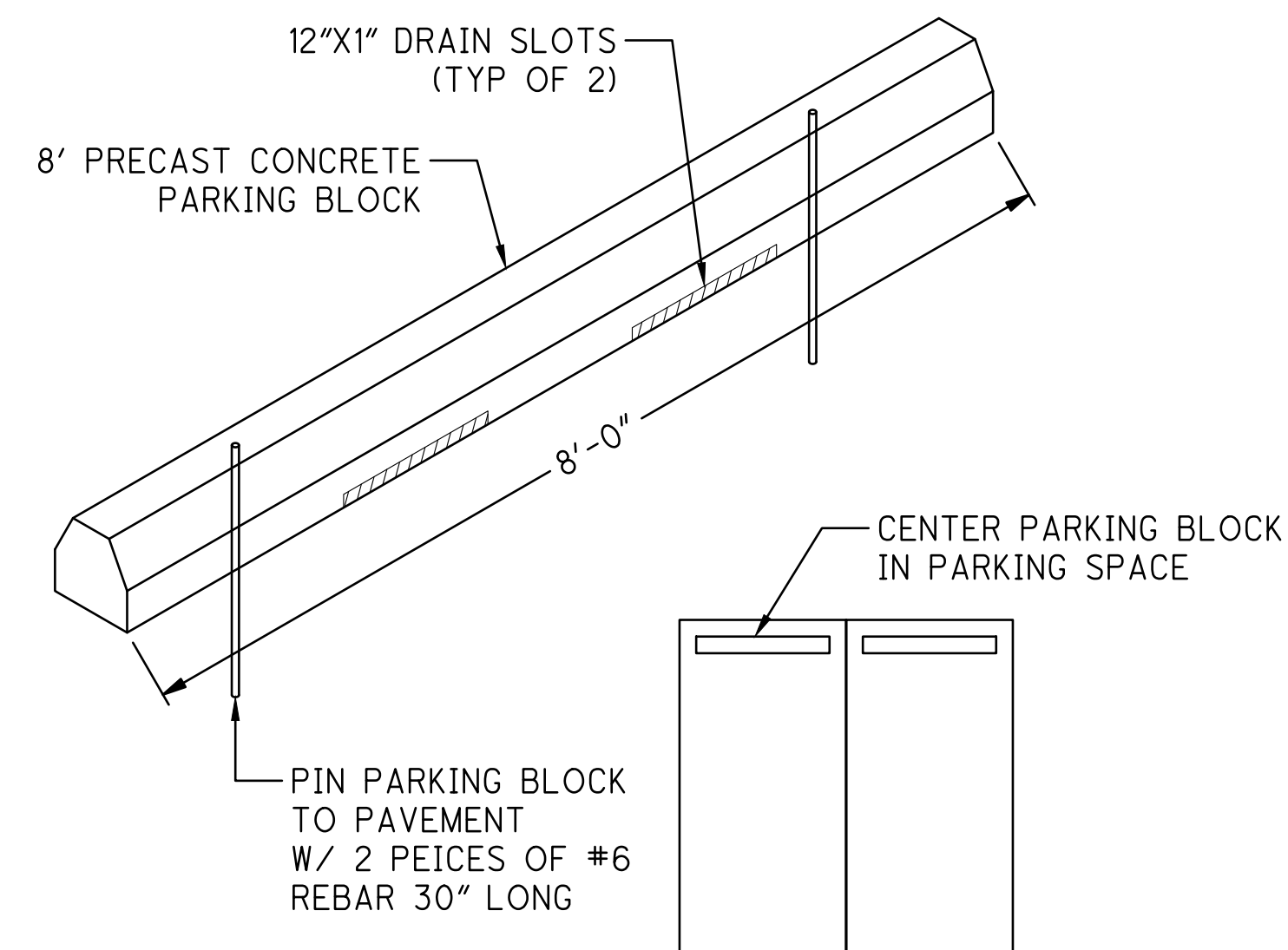
CAST-IN-PLACE OR PRECAST CONCRETE RING FOUNDATION

INFILTRATION MANHOLE

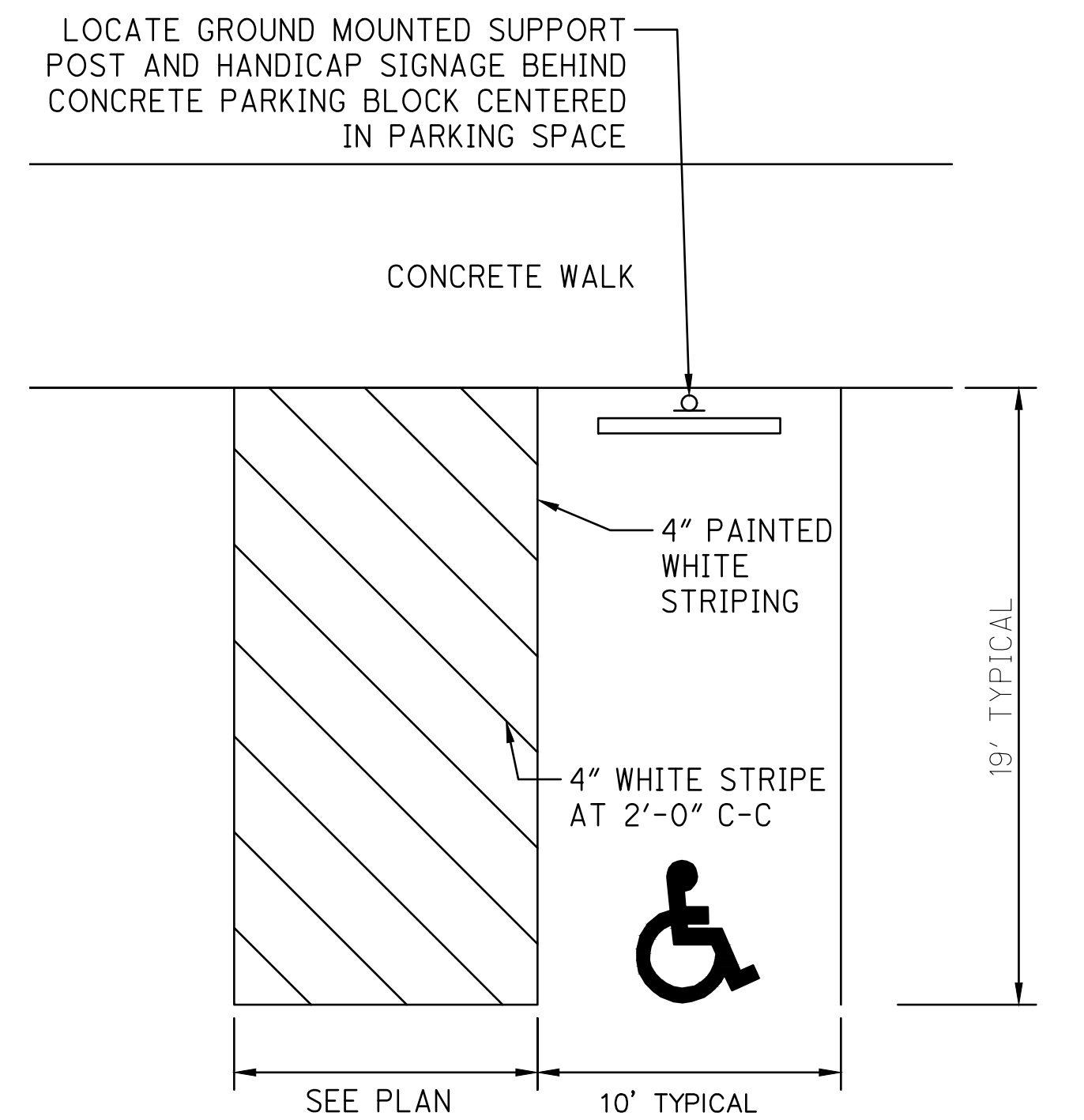


HANDICAPPED PARKING SIGN (R7-8) W/ \$250 FINE MINIMUM SIGN (R7-H8B)

HANDICAP PARKING SIGNAGE (SIGN, FLAT SHEET, AS PER PLAN)



8' PARKING BLOCK



NOTE: SEE PLAN FOR LOCATIONS OF ACCESSIBLE PARKING SPACES AND LAYOUT OF AREA TO BE MARKED.

ADA ACCESSIBLE PARKING STRIPING AND SIGNAGE

CALCULATED  
OEP  
CHECKED  
BWB

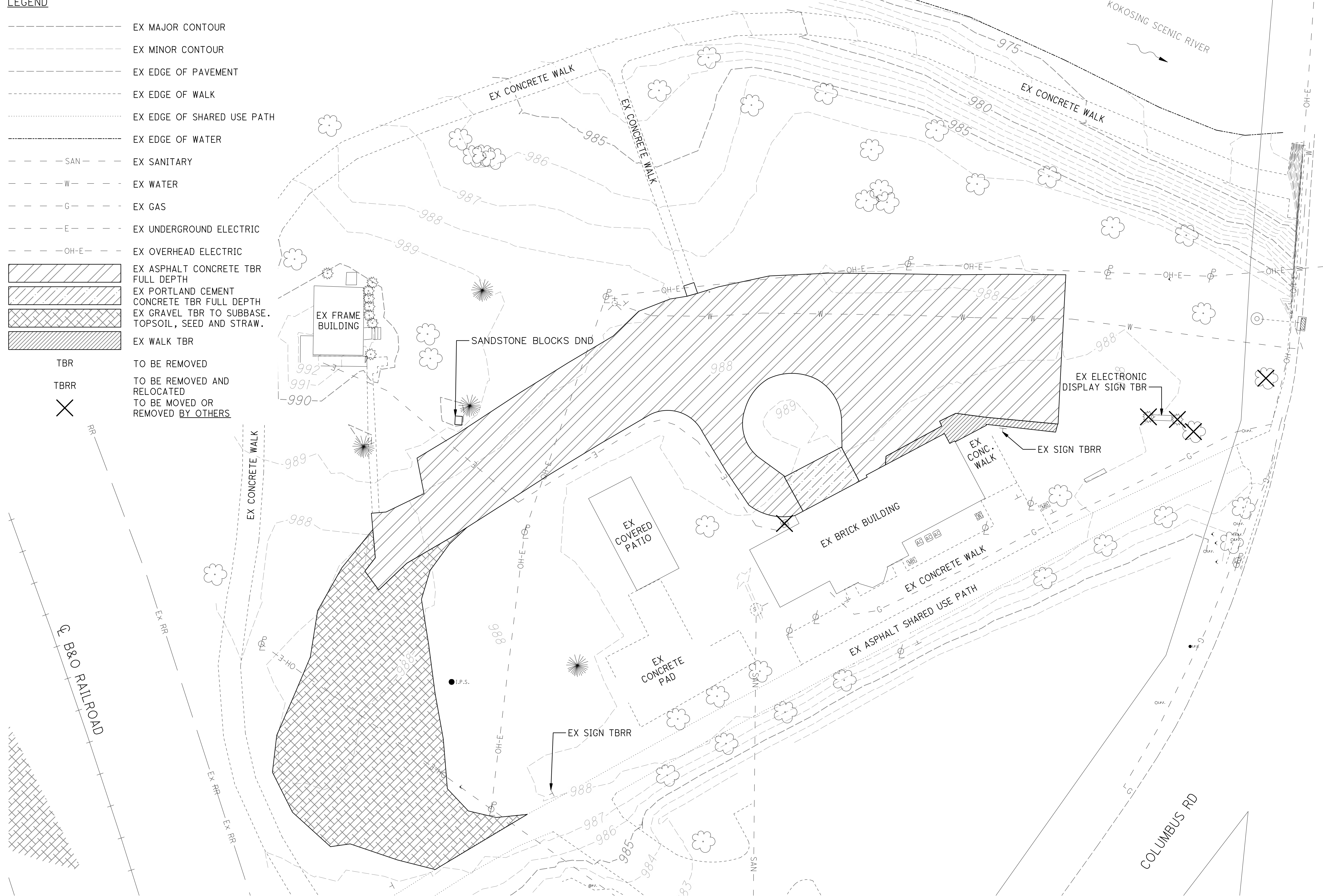
**STANDARD DETAILS**

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT

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**LEGEND**

- EX MAJOR CONTOUR
- EX MINOR CONTOUR
- EX EDGE OF PAVEMENT
- EX EDGE OF WALK
- EX EDGE OF SHARED USE PATH
- EX EDGE OF WATER
- - - SAN - - - EX SANITARY
- - - W - - - EX WATER
- - - G - - - EX GAS
- - - E - - - EX UNDERGROUND ELECTRIC
- - - OH-E - - - EX OVERHEAD ELECTRIC
- [Diagonal Hatching] EX ASPHALT CONCRETE TBR FULL DEPTH
- [Cross-hatching] EX PORTLAND CEMENT CONCRETE TBR FULL DEPTH
- [Grid Hatching] EX GRAVEL TBR TO SUBBASE, TOPSOIL, SEED AND STRAW.
- [Diagonal Hatching] EX WALK TBR
- TBR TO BE REMOVED
- TBRR TO BE REMOVED AND RELOCATED
- X TO BE MOVED OR REMOVED BY OTHERS



CALCULATED OLEP CHECKED BWB

0 20 40 80

HORIZONTAL SCALE IN FEET

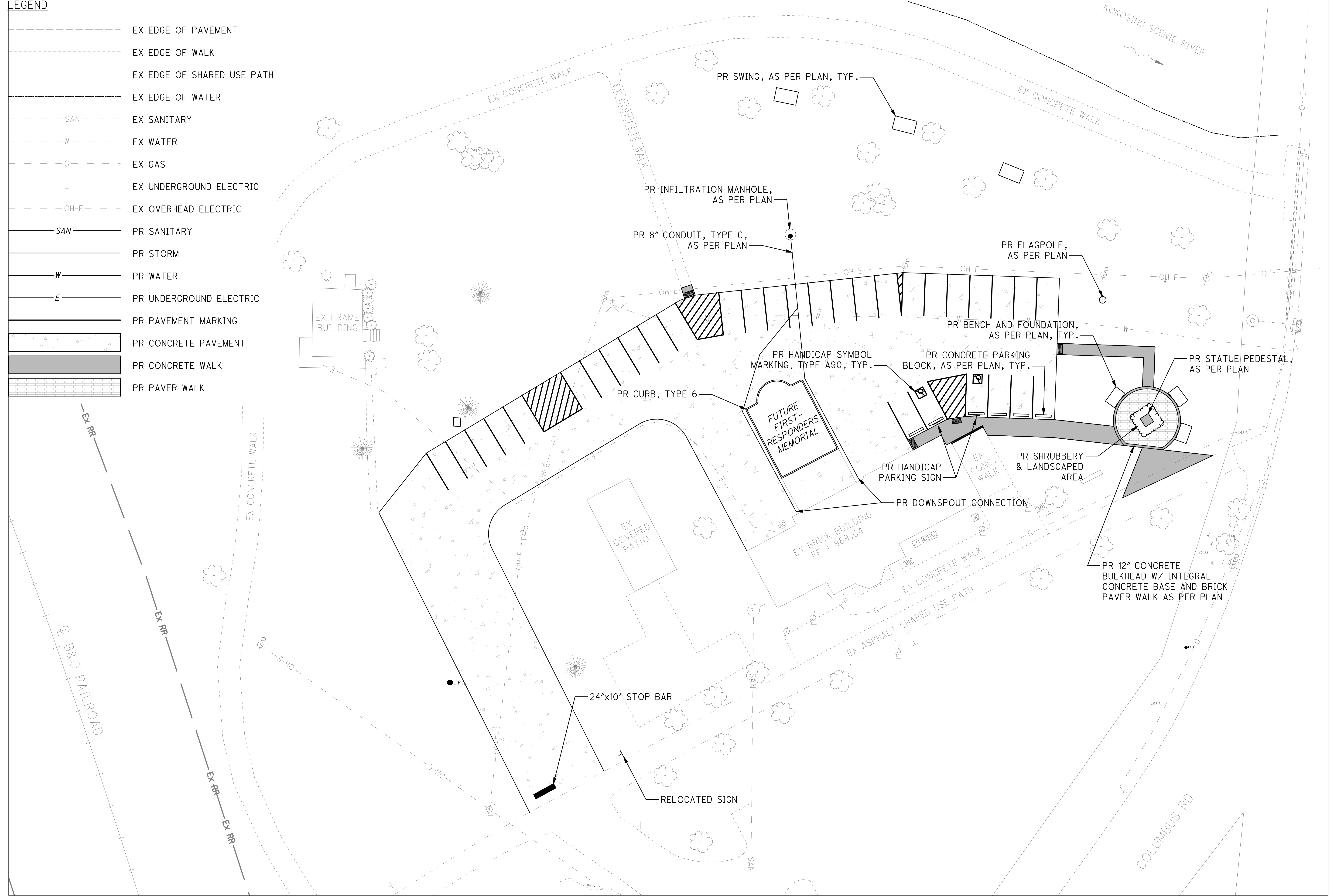
**CA&C RAILROAD DEPOT SITE IMPROVEMENTS  
DEMOLITION PLAN**

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT

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**LEGEND**

- EX EDGE OF PAVEMENT
- EX EDGE OF WALK
- EX EDGE OF SHARED USE PATH
- EX EDGE OF WATER
- SAN - EX SANITARY
- W - EX WATER
- G - EX GAS
- E - EX UNDERGROUND ELECTRIC
- OH-E - EX OVERHEAD ELECTRIC
- SAN PR SANITARY
- PR STORM
- W PR WATER
- E PR UNDERGROUND ELECTRIC
- PR PAVEMENT MARKING
- PR CONCRETE PAVEMENT
- PR CONCRETE WALK
- PR PAVER WALK



CALCULATED OLEP  
CHECKED BWB

0 20 40 80  
HORIZONTAL SCALE IN FEET

**CA&C RAILROAD DEPOT SITE IMPROVEMENTS  
SITE PLAN**

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT



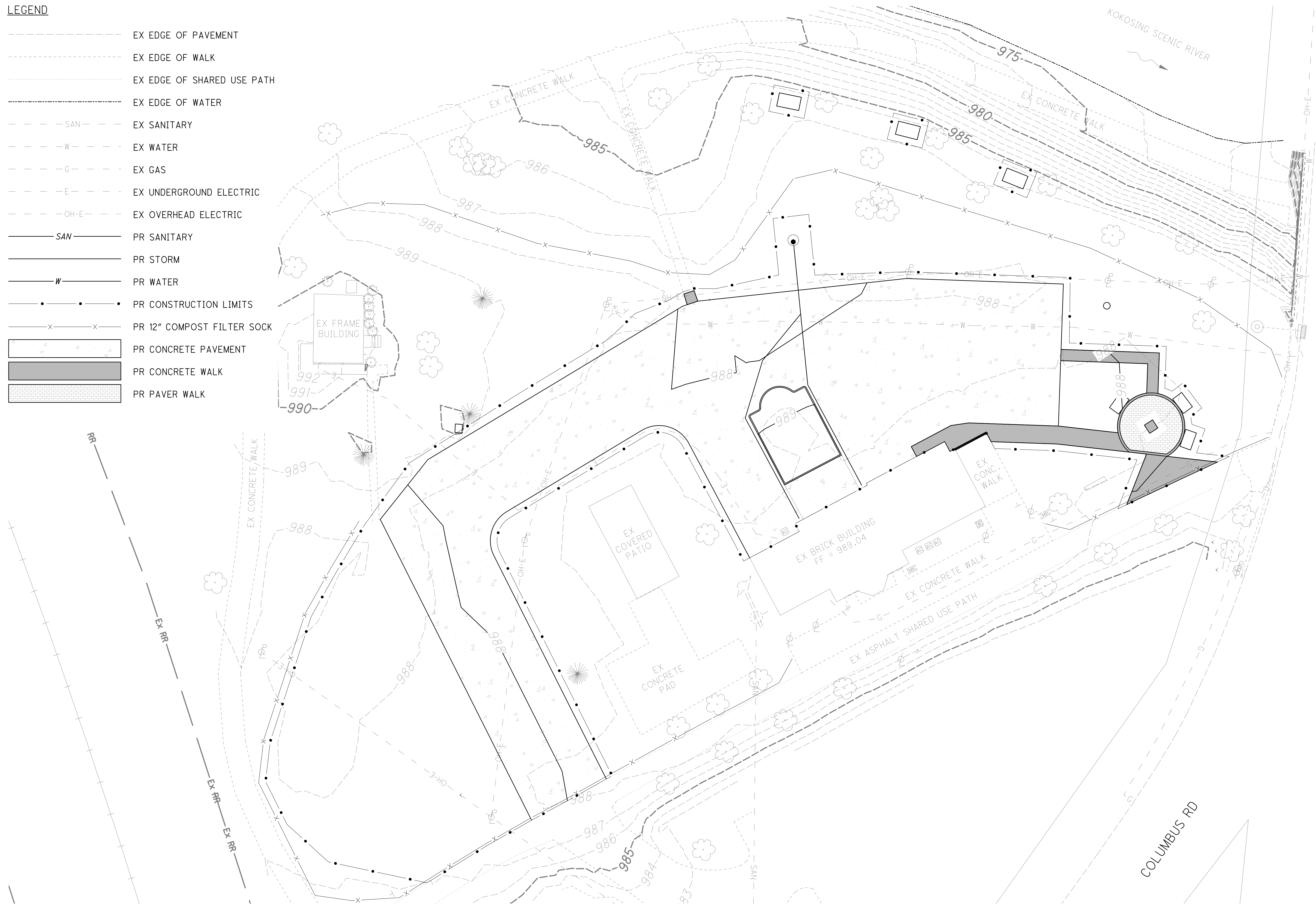




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**LEGEND**

- EX EDGE OF PAVEMENT
- EX EDGE OF WALK
- EX EDGE OF SHARED USE PATH
- EX EDGE OF WATER
- SAN - EX SANITARY
- W - EX WATER
- G - EX GAS
- E - EX UNDERGROUND ELECTRIC
- OH-E - EX OVERHEAD ELECTRIC
- SAN PR SANITARY
- PR STORM
- W PR WATER
- PR CONSTRUCTION LIMITS
- X X PR 12" COMPOST FILTER SOCK
- [Pattern] PR CONCRETE PAVEMENT
- [Pattern] PR CONCRETE WALK
- [Pattern] PR PAVER WALK



CALCULATED OLEP  
 CHECKED BWB

0 20 40 80  
 HORIZONTAL SCALE IN FEET

**CA&C RAILROAD DEPOT SITE IMPROVEMENTS  
 EROSION & SEDIMENT CONTROL PLAN**

CITY OF MOUNT VERNON, OHIO  
 ENGINEERING DEPARTMENT

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**SITE DATA**

OWNER/DEVELOPER: CITY OF MOUNT VERNON, OHIO  
 ADDRESS: 40 PUBLIC SQUARE  
 MOUNT VERNON, OH 43050  
 (740) 393-9528  
 PHONE: BRIAN W. BALL, P.E.  
 CONTACT: ENGINEER@MOUNTVERNONOHIO.ORG  
 EMAIL:  
 RECEIVING BODY OF WATER: THE SITE DRAINS DIRECTLY INTO THE KOKOSING RIVER.  
 EROSION & SEDIMENT CONTROL MEASURES: MEASURES TO CONTROL EROSION AND SEDIMENT POLLUTION OF SURFACE WATERS WILL INCLUDE SILT FENCE, COMPOST FILTER SOCK CHECK DAMS, AND INLET PROTECTION.  
 PERMANENT STABILIZATION: THE SITE WILL BE STABILIZED BY THE USE OF PERMANENT PAVING AS WELL AS TEMPORARY AND PERMANENT SEEDING APPLICATIONS.  
 MAINTENANCE: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED BY THE CONSTRUCTION SUPERINTENDENT DAILY AND AFTER SIGNIFICANT RAINFALLS. ANY DAMAGED FACILITIES ARE TO BE REPLACED/REPAIRED IMMEDIATELY AS MAY BE NECESSARY.  
 CONSTRUCTION SEQUENCE: 1. CLEAR AND GRUB AS NECESSARY FOR THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES.  
 2. INSTALL SILT FENCE, CHECK DAMS, AND INLET PROTECTION.  
 3. GRADE, INSTALL UTILITIES, AND CONSTRUCT STRUCTURE.  
 4. PERMANENTLY STABILIZE/SEED DISTURBED AREAS PER SPECIFICATIONS.  
 5. REMOVE REMAINING EROSION AND SEDIMENT CONTROL DEVICES ONCE SITE STABILIZATION HAS BEEN ACHIEVED.  
 THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE OWNER. SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE PLACED IN ACCORDANCE WITH THIS SCHEDULE.

**SITE DESCRIPTION**

- PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL PROPOSED GRADE IS REACHED ON ANY PORTION OF THE SITE. ALL DENUDED AREAS SHALL BE CONSTRUCTED TO FINAL PROPOSED GRADE AS QUICKLY AS POSSIBLE AND SHOULD NOT BE LEFT DORMANT UNLESS SITE CONDITIONS DO NOT ALLOW FINAL GRADING TO BE COMPLETED. SOIL STABILIZATION SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHERE GRADING MAY NOT BE COMPLETE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.
- SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE FILTERED.
- SEDIMENT BARRIERS SUCH AS SILT FENCE SHALL, COMPOST FILTER SOCK, AND/OR INLET PROTECTION SHALL PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.
- PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE ENGINEER.
- THE LIMITS OF SEEDING AND MULCHING WILL EXTEND OVER THE PROJECT AREA IN ACCORDANCE WITH THE LEVEL OF DISTURBANCE ASSOCIATED WITH THE ACTUAL CONSTRUCTION SEQUENCE. ALL AREAS NOT DESIGNATED TO BE SEEDING SHALL REMAIN UNDER NATURAL GROUND COVER. THOSE AREAS DISTURBED OUTSIDE THE SEEDING LIMITS SHALL BE SEEDING AND MULCHED AT THE CONTRACTOR'S EXPENSE

**MAINTENANCE AND INSPECTIONS**

- ALL TEMPORARY AND PERMANENT CONTROL PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED IN A FUNCTIONAL CONDITION UNTIL ALL UP-SLOPE AREAS THEY CONTROL ARE PERMANENTLY STABILIZED.
- AT A MINIMUM, CONTROLS ON-SITE SHALL BE INSPECTED BY A QUALIFIED INSPECTION PERSONNEL AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 1/2 INCH OF RAIN PER 24-HOUR PERIOD. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTER THE MS4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE VEHICLE TRACKING.

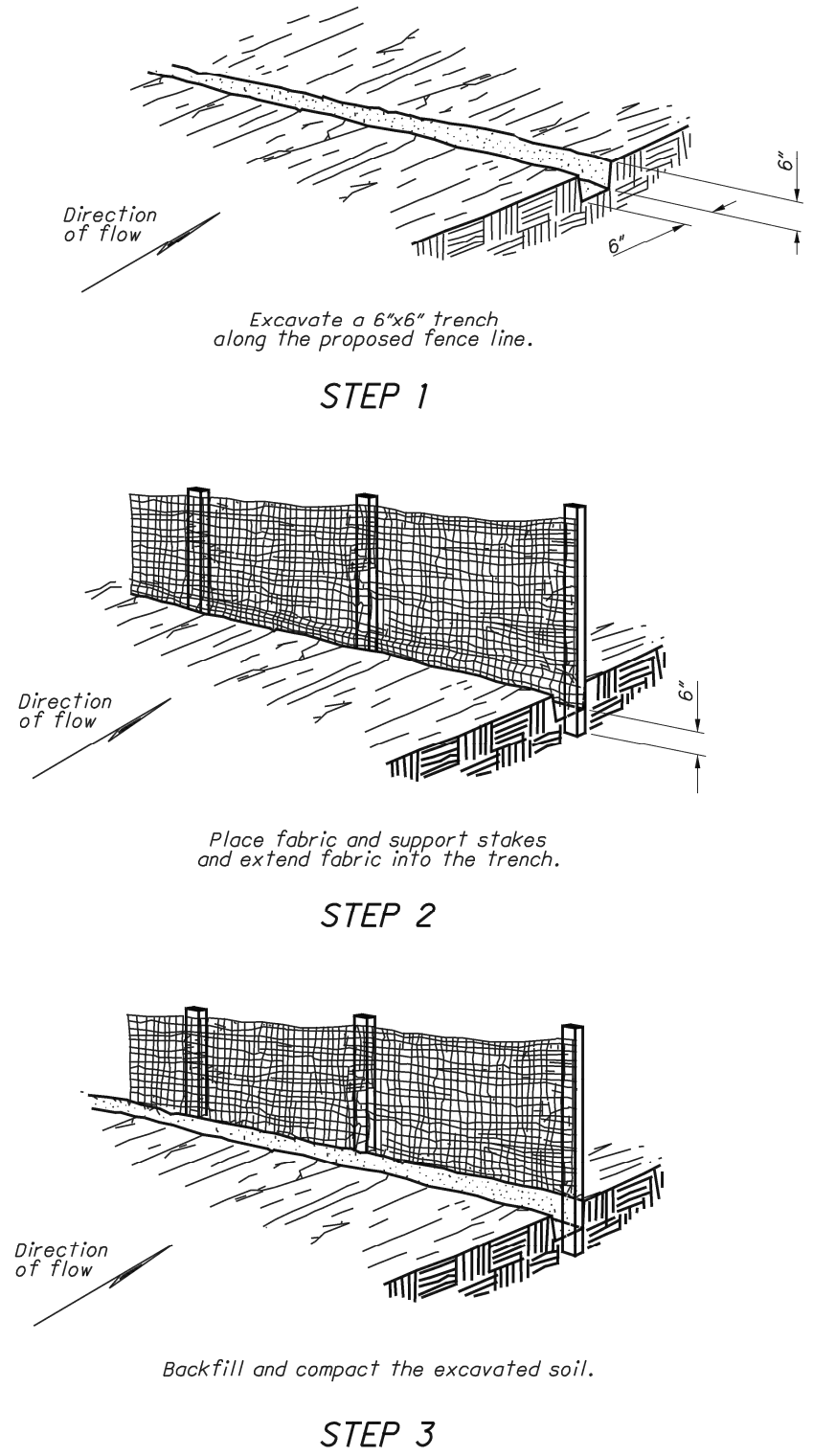
**CONTRACTOR RESPONSIBILITIES**

- DETAILS HAVE BEEN PROVIDED ON THE PLANS IN AN EFFORT TO HELP THE CONTRACTOR PROVIDE EROSION AND SEDIMENTATION CONTROL. THE DETAILS SHOWN ON THE PLAN SHALL BE CONSIDERED A MINIMUM. ADDITIONAL OR ALTERNATIVE DETAILS MAY BE FOUND IN THE OHIO EPA RAINWATER AND LAND DEVELOPMENT MANUAL. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENT RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION.
- THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE OWNER. THE SCHEDULE SHOULD INCLUDE A SEQUENCE OF THE PLACEMENT OF THE SEDIMENTATION AND EROSION CONTROL MEASURES THAT PROVIDE FOR CONTINUAL PROTECTION OF THE SITE THROUGHOUT THE EARTH MOVING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT OFF-SITE TRACKING OF SEDIMENTS BY VEHICLES AND EQUIPMENT IS MINIMIZED. ALL SUCH OFF-SITE SEDIMENT SHALL BE CLEANED UP DAILY.

**SILT FENCE NOTES**

- SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SWALES OR DEPRESSIONS WHICH MAY CARRY CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
- SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
- ENDS OF THE SILT FENCE SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
- THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE SILT FENCE SHALL BE PLACED IN A TRENCH WITH A MINIMUM DEPTH OF 6 INCHES. THE FENCE SHALL BE BACKFILLED AND COMPACTED ON BOTH SIDES.
- A MINIMUM OF 8 INCHES OF GEOTEXTILE FABRIC MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE TRENCH.
- THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE FABRIC.
- SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM OVERLAP OF 6 INCHES PRIOR TO DRIVING THE POST INTO THE GROUND.
- SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE FABRIC. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PERFORMED: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.
- SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST ONCE DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER PLACEMENT AND EFFECTIVENESS. IF DAMAGED, THE SILT FENCE SHALL BE REPLACED OR REPAIRED IMMEDIATELY.
- SILT FENCE POSTS SHALL HAVE A MINIMUM LENGTH OF 54 INCHES. WOOD POSTS SHALL BE 2-BY-2 INCH NOMINAL DIMENSIONED HARDWOOD OF SOUND QUALITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS THAT WILL WEAKEN THE POSTS. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FEET. POSTS SHALL BE DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND, WHERE POSSIBLE. WHERE IT IS NOT POSSIBLE TO DRIVE POSTS 16 INCHES INTO THE GROUND, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDIMENT AND HYDRAULIC LOADING.
- SILT FENCE GEOTEXTILE FABRIC SHALL MEET ALL PROPERTIES DESCRIBED IN THE FOLLOWING TABLE:

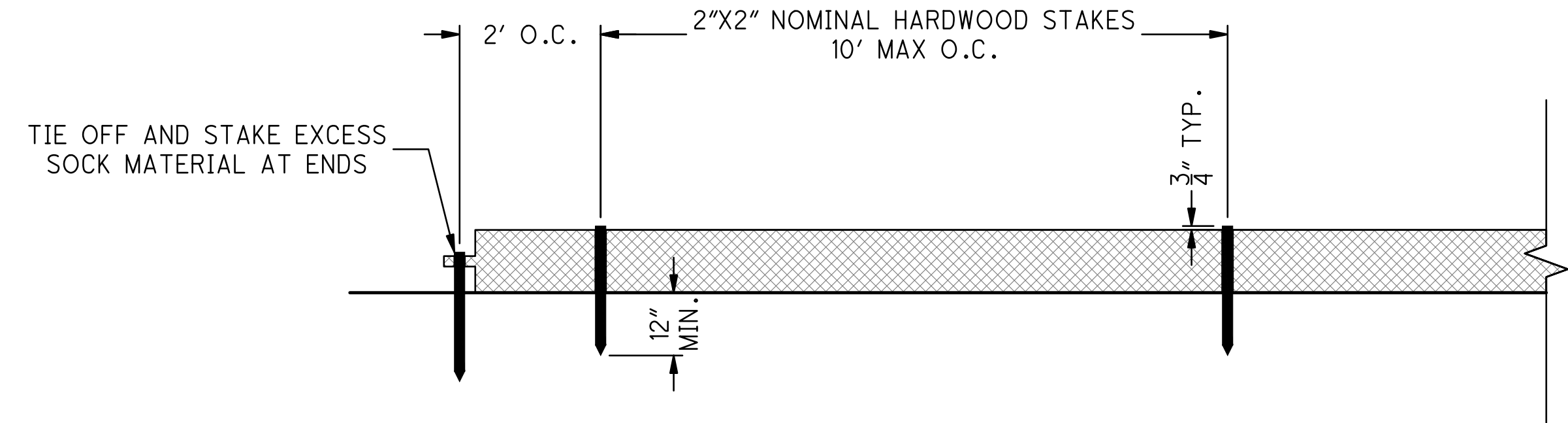
FABRIC PROPERTY	VALUE	TEST METHOD
MAXIMUM TENSILE STRENGTH	120 LBS	ASTM D 4632
MAXIMUM ELONGATION AT 60 LBS	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS	ATM D 4833
MINIMUM TEAR STRENGTH	40 LBS	ASTM D 4533
APPARENT OPENING SIZE	< OR = 84 MM	ASTM D 4751
MINIMUM PERMITIVITY	IX10-2 SEC. -1	ASTM D 4491
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4355



**SILT FENCE INSTALLATION DETAIL**

**COMPOST FILTER SOCK NOTES**

- COMPOST USED FOR FILTER SOCKS SHALL BE WEED, PATHOGEN AND INSECT FREE AND FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH. COMPOST SHALL BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER AND CONFORM TO THE FOLLOWING:
  - pH BETWEEN 5.0 - 8.0
  - PARTICLE SIZES 100% < 2 INCHES AND 70% > 3/8 INCHES
  - MOISTURE CONTENT < 60%
  - RELATIVELY FREE (< 1% BY DRY WEIGHT) OF INERT OR FOREIGN MATERIALS
- FILTER SOCK NETTING SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE KNITTED MESH FABRIC WITH 1/2 - 3/8 INCH OPENINGS.
- FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES, GENERALLY PARALLEL TO THE BASE OF THE SLOPE OR OTHER AFFECTED AREA. ON SLOPES APPROACHING 2:1, ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND AS NEEDED MID-SLOPE.
- FILTER SOCKS INTENDED TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE SHALL BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.
- FILTER SOCKS ARE NOT TO BE USED IN CONCENTRATED FLOW SITUATIONS OR IN RUNOFF CHANNELS.
- ROUTINELY INSPECT FILTER SOCKS AFTER EACH SIGNIFICANT RAIN, MAINTAINING FILTER SOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES.
- REMOVE SEDIMENT COLLECTED AT THE BASE OF THE FILTER SOCKS WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE PRACTICE.
- WHERE THE FILTER SOCK DETERIORATES OR FAILS, IT SHALL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
- REMOVAL - FILTER SOCKS SHALL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED IN SUCH A WAY AS TO FACILITATE AND NOT OBSTRUCT SEEDING.



**COMPOST FILTER SOCK INSTALLATION DETAIL**

CALCULATED  
QEP  
CHECKED  
BWB

EROSION & SEDIMENT CONTROL NOTES AND DETAILS

CITY OF MOUNT VERNON, OHIO  
ENGINEERING DEPARTMENT