

FOR THE BOARD OF COMMISSIONERS OF HAMILTON COUNTY, OHIO

HILLTOP LOT BID PACKAGE 2 - SITE WORK BID (ITB #025-25) MARCH 28, 2025

PROJECT TEAM:

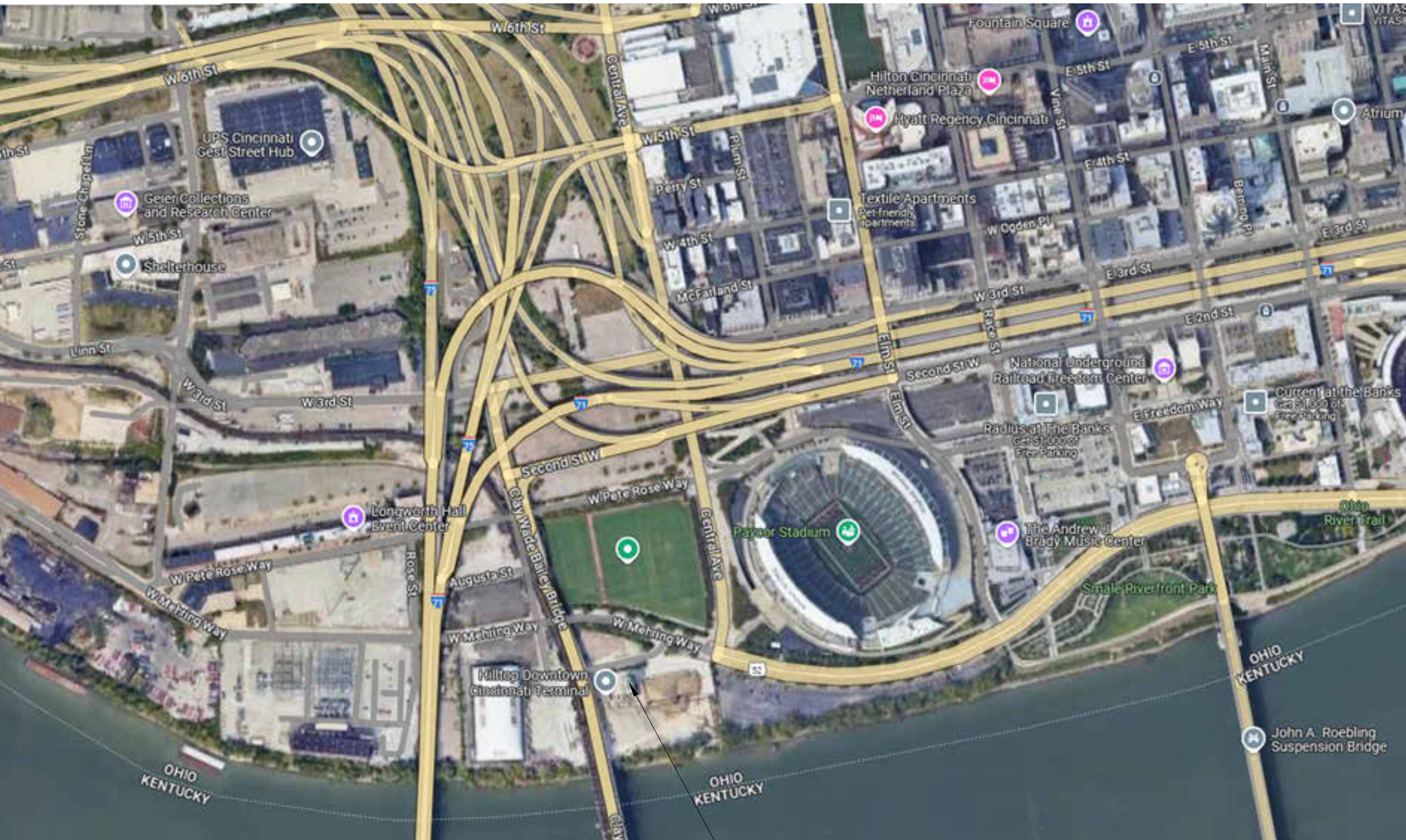
Hamilton County
OWNER
County Administration Building, RM. 603
138 East Court Street
Cincinnati, Ohio 45202
Phone: 513-946-4400

Messer Construction/MBJ
CONSTRUCTION MANAGER
643 West Court Street
Cincinnati, Ohio 45203
Phone: 513-242-1541

The Kleingers Group
LANDSCAPE ARCHITECT
6219 Centre Park Drive
West Chester, OH 45069
Phone: 513-779-7851

THP Limited, Inc.
ARCHITECT/STRUCTURAL ENGINEER
100 East Eighth Street
Cincinnati, Ohio 45202
Phone: 513-241-3222

McGill Smith Punshon, Inc.
SURVEYOR
3700 Park 42 Drive, Suite 190B
Cincinnati, OH 45241
Phone: 513-759-0004



PROJECT SITE



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PRELIMINARY
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CONSTRUCTION

ISSUES/REVISIONS	ISSUES/REVISIONS
1	03/28/2025 BID PACKAGE #2

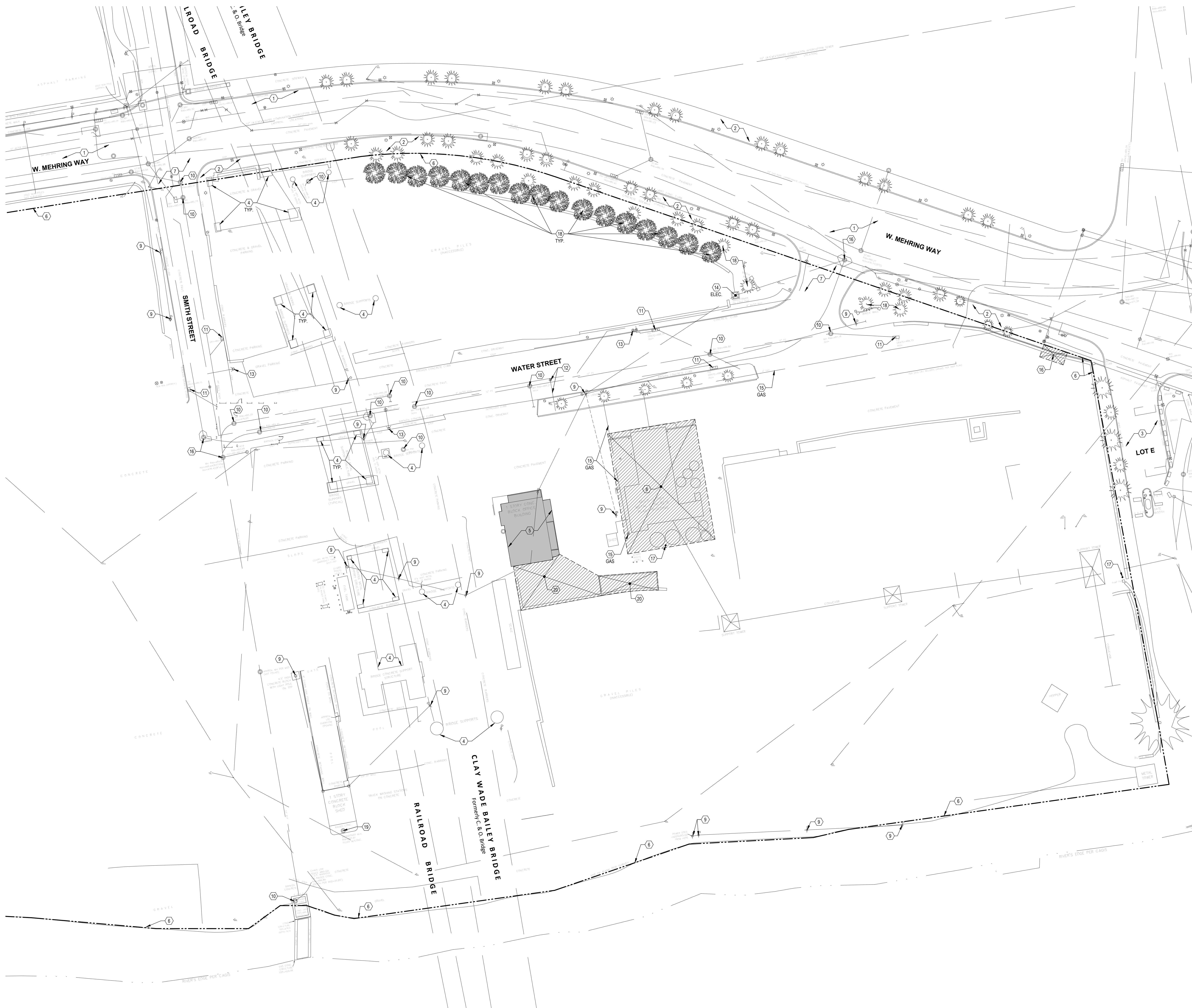
TECHNICIAN
P. BELLMAN
PROJECT MANAGER
M. MONROE
PRINCIPAL
J. JONES
CHECKED BY
M. MONROE

HILLTOP LOT

DRAWING TITLE
TITLE SHEET - BP#2

JOB NUMBER
25041.00
DATE
03/28/2025

DRAWING NUMBER
T002



1 SITE PLAN BP2
C102 1" = 30'-0"

NORTH

- PROJECT GENERAL NOTES:**
- UTILITIES
 - CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY ALL REQUIRED FEES RELATED TO UTILITY WORK.
 - CONTRACTOR SHALL INSPECT AND VIDEO CONDITION OF ALL SEWERS TO REMAIN PER MSD & SMU REGULATIONS AND AS DIRECTED BY CONSTRUCTION MANAGER. PRIOR TO START AND AFTER COMPLETION OF CONSTRUCTION, ALL MATERIALS PERTAINING TO COMBINED OR SANITARY SEWERS MUST BE SUBMITTED TO MSD FOR APPROVAL. ALL MATERIAL PERTAINING TO STORM SEWERS MUST BE SUBMITTED TO STORMWATER MANAGEMENT FOR APPROVAL. PRIOR TO STARTING ANY WORK, VERIFY STATUS OF ALL SEWERS AFFECTED BY WORK OF THIS PROJECT WITH CONSTRUCTION MANAGER AND MSD FIELD ENGINEER, AND SMU FIELD ENGINEER. A STORMWATER MANAGEMENT UTILITY (SMU) PERMIT IS REQUIRED FOR WORK ON STORM SEWERS. AS-BUILT DRAWINGS SHALL BE SUBMITTED UPON THE COMPLETION OF ANY SANITARY AND STORM SEWER WORK. SEWERS INDICATED TO BE FILLED, SEALED AND ABANDONED, OR REMOVED SHALL BE DONE SO IN ACCORDANCE WITH ITEM 202 OF THE CITY OF CINCINNATI SUPPLEMENTARY MANHOLES, CATCH BASINS, AND INLETS INDICATED TO BE REMOVED OR ABANDONED SHALL BE DONE SO IN ACCORDANCE WITH THE SAME. REFER TO SEWER DRAWINGS AND SPECIFICATIONS.
 - PRIOR TO EXCAVATION AND EARTHWORK, VERIFY LOCATIONS OF UNDERGROUND UTILITIES WITH THE UTILITY COMPANIES AND CONSTRUCTION MANAGER. SURVEY OR CAREFULLY EXCAVATE TO ESTABLISH EXACT UTILITY LOCATIONS. UTILITY LOCATIONS SHOWN ON THE DRAWING ARE ONLY APPROXIMATE AND CANNOT BE USED TO ASSURE THE CONTRACTOR OF ADEQUATE CLEARANCE IN CASE OF CLOSE PROXIMITY. COORDINATE ALL WORK WITH THE UTILITIES TO ASSURE UNINTERRUPTED FUNCTION OF UTILITIES TO REMAIN.
 - THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE UNDERGROUND UTILITY PROTECTION SERVICE (OUPS 1-800-362-2764) AND OWNERS OF UNDERGROUND UTILITIES NOT REGISTERED WITH OUPS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION WORK FOR THE PURPOSE OF SECURING A STAKED PATH OF RESPECTIVE UTILITIES AND WITH THE APPROXIMATE DEPTH INDICATED ON STAKES.
 - ACTIVE UTILITIES SHALL BE ADEQUATELY PROTECTED FROM DAMAGE. WHERE ACTIVE UTILITIES ARE ENCOUNTERED BUT NOT SHOWN ON THE DRAWINGS, CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER, ARCHITECT AND UTILITY OWNER IMMEDIATELY BEFORE PROCEEDING. WORK SHALL BE PROTECTED, SUPPORTED, OR RELOCATED AS DIRECTED, AND THE CONTRACT SUM ADJUSTED ACCORDINGLY, IF APPLICABLE.
 - INACTIVE AND ABANDONED UTILITIES ENCOUNTERED BUT NOT SHOWN ON THE DRAWINGS SHALL ALSO BE REPORTED IMMEDIATELY TO THE CONSTRUCTION MANAGER, ARCHITECT AND UTILITY OWNER. SUCH UTILITIES SHALL THEN BE REMOVED, PLUGGED, OR CAPPED AS DIRECTED. IN THE ABSENCE OF SPECIFIC REQUIREMENTS, PLUG OR CAP SUCH UTILITIES AS REQUIRED BY THE UTILITY OWNER.
 - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES ON THE SITE. DAMAGE TO EXISTING UTILITIES SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - PLUMBING PERMIT AND INSPECTION IS REQUIRED FROM THE CITY OF CINCINNATI PLUMBING DIVISION FOR ALL SANITARY AND STORM PIPING LOCATED ON PRIVATE PROPERTY.
 - PROVIDE MONITORED, CONTROLLED EXCAVATION FOR ALL EXCAVATIONS.
 - THE FOLLOWING IS A LIST OF THE REPRESENTED UTILITY OWNERS ON OR ADJACENT TO THE SITE:

OHIO UTILITIES PROTECTION SERVICE (OUPS)
PO BOX 729
12467 MAHONING AVENUE
NORTH JACKSON, OHIO 44451
(800) 362-2764

CITY OF CINCINNATI - DOTE
CITY HALL RM. 425
801 PLUM STREET
CINCINNATI, OHIO 45202-1979

DUKE ENERGY CORPORATION (GAS & ELECTRIC)
139 E 4TH ST
CINCINNATI, OH 45202 CINCINNATI, OHIO 45202
(513) 544-6900 / 1-800-262-3000

CINCINNATI BELL TELEPHONE
221 E. FOURTH STREET
CINCINNATI, OHIO 45202
(513) 352-2210

METROPOLITAN SEWER DISTRICT (MSD)
1500 GEST STREET
CINCINNATI, OHIO 45204
(513) 352-4900 / (513) 244-1300

CITY OF CINCINNATI
STORMWATER MANAGEMENT UTILITY (SMU)
225 W. GALEBRATH ROAD
CINCINNATI, OHIO 45216
(513) 352-4287
- B. EROSION CONTROL (DRAWINGS C201 & C202)**
- FOR ALL AREAS OF DISTURBED EARTH, THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH ODOT ITEMS 670 & 671 AND ODOT STANDARD DRAWINGS DM-4.3 AND DM-4.4.
 - BEST MANAGEMENT PRACTICES:** THE PROJECT'S STORM WATER POLLUTION PREVENTION PLAN WILL BE REQUIRED TO DETAIL THE PROJECT SPECIFIC SOIL EROSION PREVENTION MEASURES. THE CONTRACTOR SHALL FOLLOW BEST MANAGEMENT PRACTICES (BMP'S) FOR SEDIMENT AND EROSION CONTROL DURING CONSTRUCTION AND POST-CONSTRUCTION IN ACCORDANCE WITH THE ODOT CMS SECTION 107.19 AND SUPPLEMENTAL SPECIFICATIONS 832 DATED 5/8/09. ANY IN-PLACE EROSION CONTROL PROVISION THAT IS DAMAGED IS TO BE REPLACED/REPAIRED IMMEDIATELY BY THE CONTRACTOR CAUSING THE DAMAGE.
- C. BENCHMARKS**
- PROJECT CONTROL SHALL BE PROVIDED BY CONSTRUCTION MANAGER. THE CONTRACTOR SHALL SET ADDITIONAL BENCHMARKS AS NECESSARY.
- D. SAFETY**
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
 - THE DUTY OF THE ARCHITECT AND ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF CONTRACTORS PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF ADEQUACY OF CONTRACTORS SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

- SITE AND DEMO DRAWING NOTES:**
- EXISTING MEHRING WAY. MAINTAIN TRAFFIC.
 - EXISTING SIDEWALK. MAINTAIN PEDESTRIAN TRAFFIC.
 - EXISTING LOT E. MAINTAIN ACCESS.
 - EXISTING BRIDGE SUPPORTS AND FOUNDATIONS. DO NOT DISTURB.
 - EXISTING ONE STORY BLOCK OFFICE BUILDING TO REMAIN. DO NOT DISTURB AND PROTECT DURING CONSTRUCTION. COORDINATE UTILITIES WITH CONSTRUCTION MANAGER.
 - SITE LIMITS.
 - MEHRING WAY CONSTRUCTION ENTRANCE (SMITH STREET AND WATER STREET).
 - EXISTING MULTI-STORY METAL CONCRETE PLANT REINFORCED SLAB AND FOUNDATION TO BE REMOVED DOWN 6" BELOW PROPOSED GRADE AND DISPOSED OF PROPERLY. REFER TO CIVIL DRAWINGS FOR PROPOSED GRADE IN THIS AREA.
 - EXISTING ELECTRICAL UTILITY POLES TO REMAIN. PROTECT DURING CONSTRUCTION. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - EXISTING MANHOLES TO REMAIN. PROTECT DURING CONSTRUCTION.
 - EXISTING CATCH BASINS TO REMAIN. ALL CATCH BASINS TO BE CLEANED AND PIPE OUTLET INSPECTED AT THE CLOSEOUT OF PROJECT. PROTECT DURING CONSTRUCTION.
 - EXISTING WATER VALVE AND LINE. COORDINATE UTILITY SERVICE WITH WATER WORKS AND CONSTRUCTION MANAGER PRIOR TO ANY SITE WORK OR DEMOLITION. WATER LINE TO BE PROPERLY CAPPED AND DOCUMENTED ON AS-BUILTS. NOTE: WATER SERVICE TO REMAIN TO EXISTING OFFICE.
 - EXISTING FIRE HYDRANT TO REMAIN.
 - EXISTING ELECTRICAL TRANSFORMER TO REMAIN. PROTECT DURING CONSTRUCTION.
 - EXISTING GAS METER AND LINES TO REMAIN. COORDINATE UTILITY SERVICE WITH DUKE ENERGY AND CONSTRUCTION MANAGER PRIOR TO ANY SITE WORK OR DEMOLITION. GAS LINE TO BE PROPERLY CAPPED AND DOCUMENTED ON AS-BUILTS.
 - EXISTING CONCRETE TO BE REMOVED FOR NEW PEDESTRIAN ACCESS SLAB. REFER TO CIVIL DRAWINGS FOR LOCATION AND ELEVATIONS.
 - EXISTING WATER WELL TO BE ABANDONED AND FILLED AS DIRECTED BY CONSTRUCTION MANAGER. LOCATION IS APPROXIMATE. VERIFY IN FIELD.
 - REMOVE EXISTING PINE TREES AND DISPOSED OF PROPERLY. TAG AND REVIEW WITH CONSTRUCTION MANAGER PRIOR TO REMOVAL.
 - CLEAN OUT EXISTING FILLED STORM MANHOLE. LOCATE EXISTING OUTLET PIPE AND CLEAN OUT AS NECESSARY TO RESTORE FLOW.
 - REMOVE EXISTING 10" CONCRETE SLAB AND CURB IN THIS ZONE AS DIRECTED BY CONSTRUCTION MANAGER. DISPOSE OF PROPERLY.

EXISTING HILLTOP DESIGN DRAWINGS ARE LOCATED IN MESSER'S TRAILER UPON REQUEST.

Hamilton County
OHIO

THP Limited
100 East Eighth Street
Cincinnati, Ohio 45202
513.241.3222
THPLTD.com

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**PRELIMINARY
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ISSUES/REVISIONS	ISSUES/REVISIONS	DATE	BY
1	03/28/2025	BD PACKAGE 02	

TECHNICIAN
P. BELLMAN
PROJECT MANAGER
M. MONROE
PRINCIPAL
J. JONES
CHECKED BY
M. MONROE

HILLTOP LOT

DRAWING TITLE
SITE AND DEMOLITION PLAN

JOB NUMBER
25041.00
DRAWING NUMBER
C102

DATE
03/28/2025

ISSUE/REVISIONS	ISSUE/REVISIONS	DATE	BY
1	ISSUE/REVISIONS	03/28/2025	10/17/2025
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TECHNICIAN
P. BELLMAN
PROJECT MANAGER
M. MONROE
PRINCIPAL
J. JONES
CHECKED BY
M. MONROE

HILLTOP LOT

DRAWING TITLE
GENERAL NOTES & DETAILS

JOB NUMBER
25041.00
DATE
03/28/2025
DRAWING NUMBER
C000

GENERAL NOTES

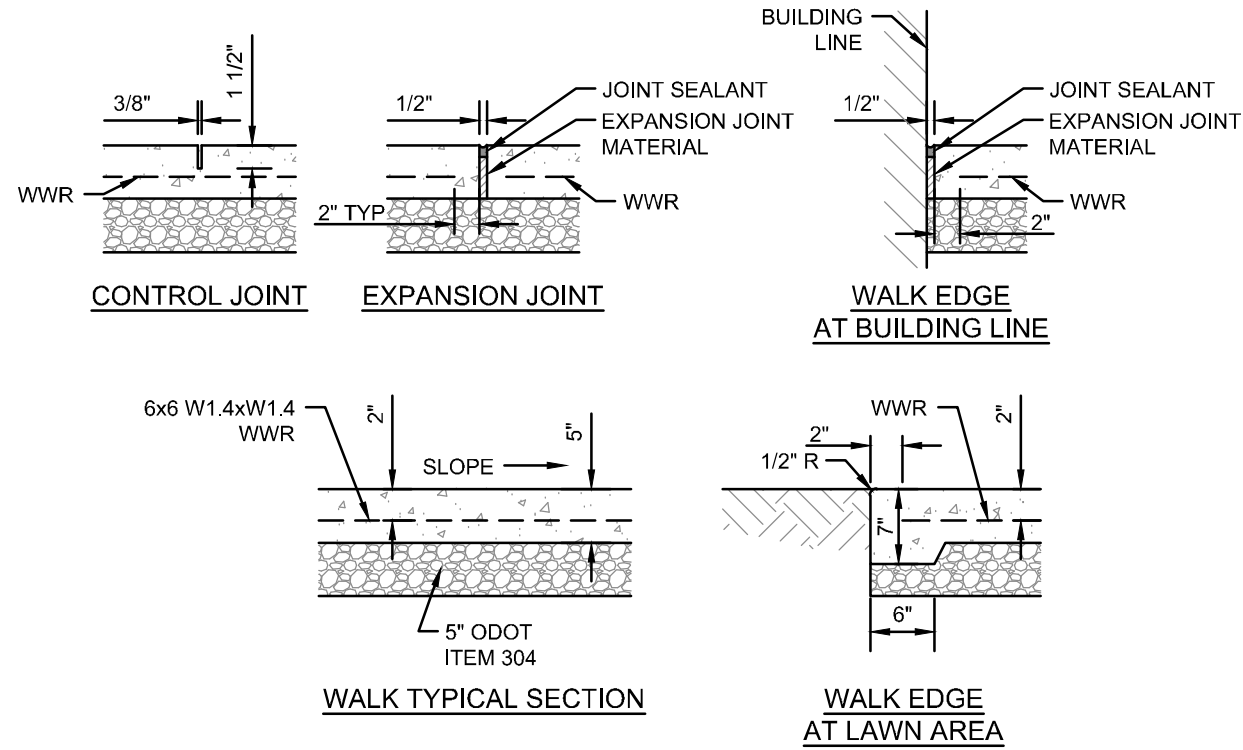
- THE COUNTY OF HAMILTON, AND THE CURRENT EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (ODOT CMS), INCLUDING ALL SUPPLEMENTS, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THIS PLAN. IGNORE REFERENCES TO MEASUREMENT AND PAYMENT IN THE ODOT CMS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICTS BETWEEN THE ODOT CMS AND THE COUNTY OF HAMILTON REQUIREMENTS, THE COUNTY OF HAMILTON REQUIREMENTS SHALL PREVAIL.
- 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 AT 1-800-362-2764 48 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES WHO ARE NONMEMBERS OF THE OHIO UTILITIES PROTECTION SERVICE AT LEAST 48 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE OHIO EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS.
- THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM THEMSELVES CONCERNING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THEM FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE CONTRACT.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR EXPENSES INCURRED DUE TO SOIL CONDITIONS, GROUNDWATER, AND/OR ROCK EXCAVATION, ALL OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE COST OF ALL DEWATERING REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE DIRECT OR INDIRECT DISCHARGE OR PUMPING OF UNFILTERED SEDIMENT-LOADED WATER INTO THE STORM DRAINAGE SYSTEM OR WATERCOURSE IS ILLEGAL AND PROHIBITED.
- ANY WELL, WELL POINT, PIT, OR OTHER DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUND WATER TO FACILITATE CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 3165-10 OF THE OHIO ADMINISTRATIVE CODE OR IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AS DIRECTED BY THE DIRECTOR OF PUBLIC UTILITIES OR HIS REPRESENTATIVE.
- ANY CONTRACTOR INSTALLING ANY WELL, WELL POINT, PIT, OR OTHER DEVICE USED FOR THE PURPOSE OF REMOVING GROUND WATER FROM AN AQUIFER SHALL COMPLETE AND FILE A WELL LOG AND DRILLING REPORT FORM WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR), DIVISION OF WATER, WITHIN 30 DAYS OF THE WELL COMPLETION IN ACCORDANCE WITH THE OHIO REVISED CODE SECTION 1521.01 AND 1521.02. IN ADDITION, ANY SUCH FACILITY IS COMPLETED IN ACCORDANCE WITH SECTION 1521.16 OF THE OHIO REVISED CODE. FOR COPIES OF THE NECESSARY WELL LOG, DRILLING REPORT, OR REGISTRATION FORMS, PLEASE CONTACT: OHIO DEPARTMENT OF NATURAL RESOURCES, 2045 MORSE ROAD, COLUMBUS, OHIO 43229, 614-265-6576.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO THE ODNR FOR THE REGISTRY, MAINTENANCE AND ABANDONMENT OF ANY WITHDRAWAL DEVICE USED IN CONSTRUCTION OF THIS PROJECT.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT AND/OR FACE OF CURB, UNLESS OTHERWISE NOTED.
- ALL SITE SIGNAGE, STRIPING COLOR AND WIDTH SHALL BE PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ALL EXISTING PAVEMENTS, WALKS, CURBS, ETC., SHALL BE FULL DEPTH SAWCUT BEFORE REMOVAL. IF, DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC., IS DAMAGED BEYOND THE ORIGINAL SAWCUT, THE DAMAGED AREA SHALL BE RE-CUT TO NEAT LINES AS DIRECTED BY THE ENGINEER. PAYMENT FOR SAWCUTTING SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE CONTRACTOR SHALL FULL DEPTH SAWCUT EXISTING PAVEMENT TO PROVIDE A SMOOTH VERTICAL FULL DEPTH BUTT JOINT BETWEEN THE EXISTING PAVEMENT OR CURB AND THE PROPOSED PAVEMENT. CONTRACTOR SHALL LOCATE SOUND PAVEMENT EDGE AND CUT AND TRIM PAVEMENT TO A NEAT LINE. INCLUDE THE COST OF PAVEMENT REMOVAL AND DISPOSAL IN THE PRICE BID FOR THE PROJECT.

GRADING NOTES

- CONTRACTOR TO REMOVE TREES AND CLEAR AREAS AS NECESSARY TO PERFORM ALL SITE WORK INCLUDING GRADING AND UTILITY WORK.
- PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITHIN DRIP LINE. EXCESS FOOT OR VEHICULAR TRAFFIC, OR PARKING OF VEHICLES WITHIN DRIP LINE. PROVIDE TEMPORARY GUARDS TO PROTECT TREES AND VEGETATION TO BE LEFT STANDING.
- ALL ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS.
- ALL FILL UNDER PAVEMENT SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR BALANCING THE SITE EARTHWORK ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR BURY/BORROW PITS AS NEEDED TO BALANCE THE SITE. GEOTECH AND ENGINEER MUST APPROVE AREAS PRIOR TO BURY/BORROW OPERATIONS. AS BUILT OF BURY/BORROW PIT WILL BE REQUIRED AT COMPLETION OF CONTRACTOR WORK AND MUST BE SUBMITTED TO THE CONSTRUCTION MANAGER.
- CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL PRACTICES REQUIRED BY COUNTY OF HAMILTON AND THE OHIO EPA.
- ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF NO SPECIFICATIONS ARE SUPPLIED, USE ODOT ITEM 659.

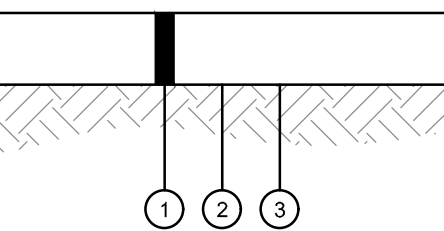
UTILITY NOTES

- 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. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUBDRAIN, STORM SEWER SYSTEM OR OUTLETED INTO THE ROADWAY DITCH AS APPLICABLE. REPLACED DRAIN TILE/STORM SEWER SHALL BE Laid ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- ALL EXISTING UTILITIES KNOWN TO EXIST HAVE BEEN SHOWN ON THESE PLANS IN THEIR APPROXIMATE LOCATION, PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE UTILITIES SHOWN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ANY UTILITIES THAT MAY EXIST AND ARE NOT SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
- UTILITY POLES WITHIN INFLUENCE OF THE UTILITY OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO THESE CONSTRUCTION ACTIVITIES. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED SEWER PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID SEWERS. ALL FILLS SHALL BE CONTROLLED, COMPACTED, AND INSPECTED BY AN APPROVED TESTING LABORATORY OR AN INSPECTOR FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
- CONTRACTOR TO REPLACE ANY PAVEMENT OR UTILITIES DAMAGED WHICH ARE NOT SPECIFIED TO BE REMOVED ON THESE PLANS.
- ALL CATCH BASINS PLACED WITHIN THE PAVEMENT SHALL HAVE HEAVY DUTY FRAMES AND GRATES. CATCH BASINS WITHIN AN ACCESSIBLE ROUTE SHALL CONFORM TO ADA REQUIREMENTS.
- ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO GRADE AS REQUIRED.
- ANY FIELD TILE CUT IN EXCAVATION WHICH DRAINS IN AN OFFSITE AREA MUST BE TIED INTO THE STORM DRAINAGE SYSTEM.
- THE FLOW IN ALL SEWERS, DRAINS, FIELD TILES 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 PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE ENGINEER.



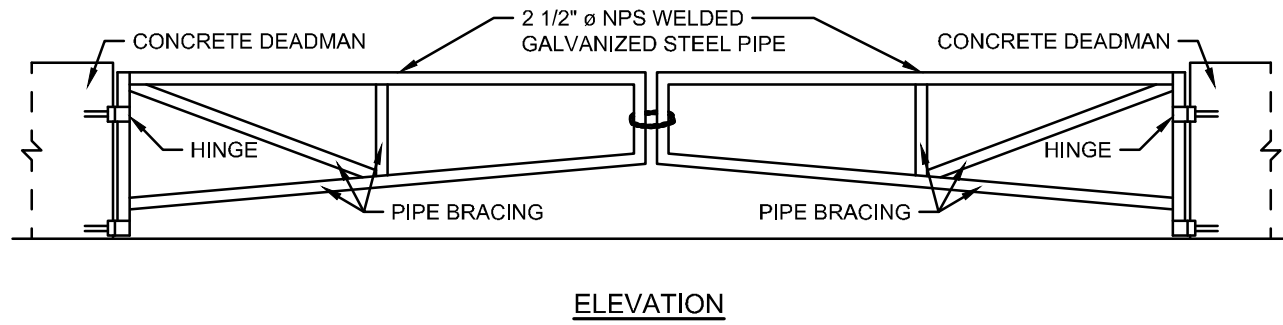
- NOTES:
- INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
 - INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED. SAWED JOINTS ARE NOT PERMITTED.
 - WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
 - WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
 - REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 - JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

**EXTERIOR CONCRETE
SLAB WALK DETAIL**
N.T.S.

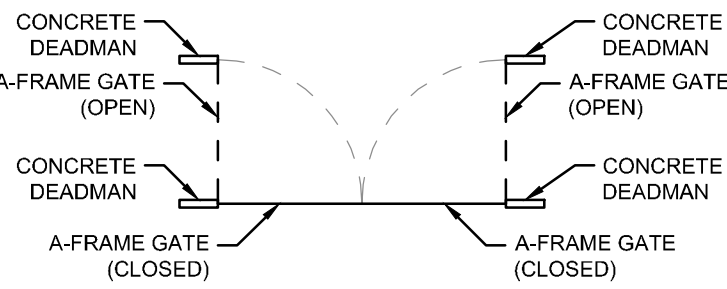


- 6" ODOT ITEM 304 AGGREGATE BASE
- WOVEN GEOTEXTILE FABRIC, ODOT ITEM 712.09 TYPE D
- SUBGRADE COMPACTION, REFERENCE ODOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND SOILS REPORT

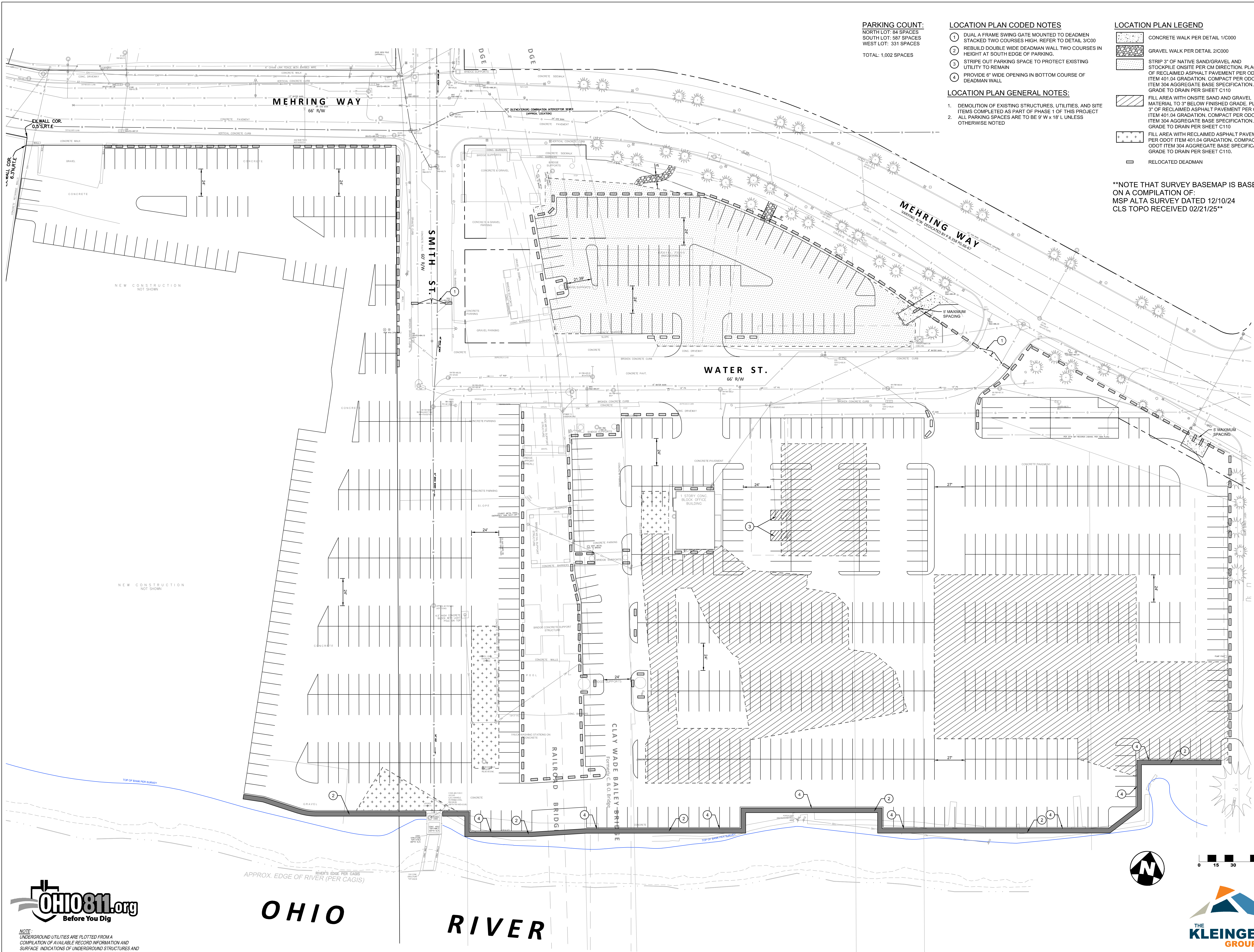
GRAVEL WALK DETAIL
N.T.S.



ELEVATION



A-FRAME GATE DETAIL
N.T.S.



PARKING COUNT:
NORTH LOT: 84 SPACES
SOUTH LOT: 587 SPACES
WEST LOT: 331 SPACES

TOTAL: 1,002 SPACES

- LOCATION PLAN CODED NOTES**
- 1 DUAL A FRAME SWING GATE MOUNTED TO DEADMEN STACKED TWO COURSES HIGH. REFER TO DETAIL 3/C00
 - 2 REBUILD DOUBLE WIDE DEADMAN WALL TWO COURSES IN HEIGHT AT SOUTH EDGE OF PARKING
 - 3 STRIPE OUT PARKING SPACE TO PROTECT EXISTING UTILITY TO REMAIN
 - 4 PROVIDE 6" WIDE OPENING IN BOTTOM COURSE OF DEADMAN WALL
- LOCATION PLAN GENERAL NOTES:**
- 1. DEMOLITION OF EXISTING STRUCTURES, UTILITIES, AND SITE ITEMS COMPLETED AS PART OF PHASE 1 OF THIS PROJECT
 - 2. ALL PARKING SPACES ARE TO BE 9' W x 18' L UNLESS OTHERWISE NOTED

- LOCATION PLAN LEGEND**
- CONCRETE WALK PER DETAIL 1/C000
 - GRAVEL WALK PER DETAIL 2/C000
 - STRIP 3" OF NATIVE SAND/GRAVEL AND STOCKPILE ONSITE PER CM DIRECTION. PLACE 3" OF RECLAIMED ASPHALT PAVEMENT PER ODOT ITEM 401.04 GRADATION. COMPACT PER ODOT ITEM 304 AGGREGATE BASE SPECIFICATION. GRADE TO DRAIN PER SHEET C110
 - FILL AREA WITH ONSITE SAND AND GRAVEL MATERIAL TO 3" BELOW FINISHED GRADE. PLACE 3" OF RECLAIMED ASPHALT PAVEMENT PER ODOT ITEM 401.04 GRADATION. COMPACT PER ODOT ITEM 304 AGGREGATE BASE SPECIFICATION. GRADE TO DRAIN PER SHEET C110
 - FILL AREA WITH RECLAIMED ASPHALT PAVEMENT PER ODOT ITEM 401.04 GRADATION. COMPACT PER ODOT ITEM 304 AGGREGATE BASE SPECIFICATION. GRADE TO DRAIN PER SHEET C110.
 - RELOCATED DEADMAN

****NOTE THAT SURVEY BASEMAP IS BASED ON A COMPILATION OF:**
MSP ALTA SURVEY DATED 12/10/24
CLS TOPO RECEIVED 02/21/25**



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OHIO RIVER



CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
www.kleingers.com
6219 Centre Park Dr.
West Chester, OH 45389
513.778.7851



THP
THP Limited
100 East Eighth Street
Cincinnati, Ohio 45202
513.241.3222
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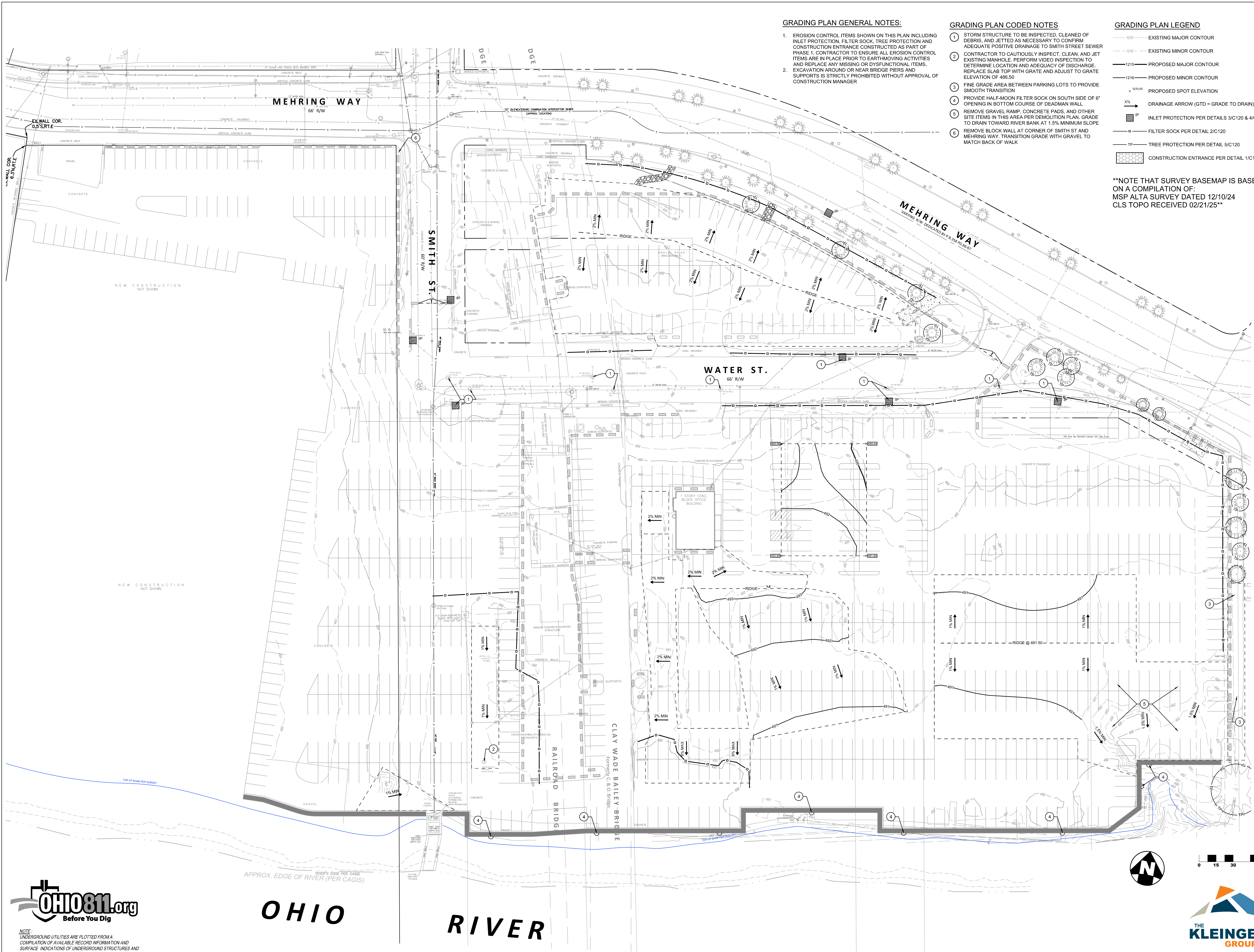
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TECHNICIAN
P. BELLMAN
PROJECT MANAGER
M. MONROE
PRINCIPAL
J. JONES
CHECKED BY
M. MONROE

HILLTOP LOT

DRAWING TITLE
LOCATION PLAN

JOB NUMBER
25041.00
DATE
03/28/2025
DRAWING NUMBER
1 OF 1



GRADING PLAN GENERAL NOTES:

1. EROSION CONTROL ITEMS SHOWN ON THIS PLAN INCLUDING INLET PROTECTION, FILTER SOCK, TREE PROTECTION AND CONSTRUCTION ENTRANCE CONSTRUCTED AS PART OF PHASE 1. CONTRACTOR TO ENSURE ALL EROSION CONTROL ITEMS ARE IN PLACE PRIOR TO EARTHMOVING ACTIVITIES AND REPLACE ANY MISSING OR DYSFUNCTIONAL ITEMS.
2. EXCAVATION AROUND OR NEAR BRIDGE PIERS AND SUPPORTS IS STRICTLY PROHIBITED WITHOUT APPROVAL OF CONSTRUCTION MANAGER

GRADING PLAN CODED NOTES

- 1 STORM STRUCTURE TO BE INSPECTED, CLEANED OF DEBRIS, AND JETTED AS NECESSARY TO CONFIRM ADEQUATE POSITIVE DRAINAGE TO SMITH STREET SEWER
- 2 CONTRACTOR TO CAUTIOUSLY INSPECT, CLEAN, AND JET EXISTING MANHOLE. PERFORM VIDEO INSPECTION TO DETERMINE LOCATION AND ADEQUACY OF DISCHARGE. REPLACE SLAB TOP WITH GRATE AND ADJUST TO GRATE ELEVATION OF 488.50
- 3 FINE GRADE AREA BETWEEN PARKING LOTS TO PROVIDE SMOOTH TRANSITION
- 4 PROVIDE HALF-MOON FILTER SOCK ON SOUTH SIDE OF 8' OPENING IN BOTTOM COURSE OF DEADMAN WALL
- 5 REMOVE GRAVEL RAMP, CONCRETE PADS, AND OTHER SITE ITEMS IN THIS AREA PER DEMOLITION PLAN. GRADE TO DRAIN TOWARD RIVER BANK AT 1.5% MINIMUM SLOPE
- 6 REMOVE BLOCK WALL AT CORNER OF SMITH ST AND MEHRING WAY. TRANSITION GRADE WITH GRAVEL TO MATCH BACK OF WALK

GRADING PLAN LEGEND

- 1215 — EXISTING MAJOR CONTOUR
- 1216 — EXISTING MINOR CONTOUR
- 1215 — PROPOSED MAJOR CONTOUR
- 1216 — PROPOSED MINOR CONTOUR
- 1215.00 — PROPOSED SPOT ELEVATION
- 3% — DRAINAGE ARROW (GTD = GRADE TO DRAIN)
- IP — INLET PROTECTION PER DETAILS 3/C120 & 4/C120
- FILTER SOCK PER DETAIL 2/C120
- TP — TREE PROTECTION PER DETAIL 5/C120
- CONSTRUCTION ENTRANCE PER DETAIL 1/C120

**NOTE THAT SURVEY BASEMAP IS BASED ON A COMPILATION OF:
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ISSUE/REVISIONS	ISSUE/REVISIONS
1	1. 02/28/2025 10:17:17 AM PAGE 02

TECHNICIAN
P. BELLMAN
PROJECT MANAGER
M. MONROE
PRINCIPAL
J. JONES
CHECKED BY
M. MONROE

HILLTOP LOT

DRAWING TITLE
GRADING, DRAINAGE, AND
EROSION CONTROL PLAN

JOB NUMBER
25041.00
DATE
03/28/2025
DRAWING NUMBER
C110



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PROJECT DATA
PROJECT DESCRIPTION
RENOVATION OF EXISTING DEMOLISHED SITE INTO TEMPORARY PARKING FACILITY

LATITUDE: N 39°05'36.57"
LONGITUDE: W 84°51'09.71"
ESTIMATED CONSTRUCTION DATES: SUMMER 2025

TOTAL SITE AREA: 10.32 ACRES
TOTAL DISTURBED AREA: .1 ACRES

IMMEDIATE RECEIVING WATER/MS4: LOCAL SEWER
ULTIMATE RECEIVING STREAM: OHIO RIVER

EXISTING LAND USE: INDUSTRIAL

SOILS:
U0 - URBAN LAND, 0 TO 12 PERCENT SLOPES, OCCASIONALLY FLOODED
U0UXCO - URBAND LAND-UDORTHENTS COMPLEX, 0 TO 12 PERCENT SLOPES, OCCASIONALLY FLOODED
U0UXF - URBAND LAND-UDORTHENTS COMPLEX, SMOOTHED, 0 TO 50 PERCENT SLOPES

EMERGENCY ACTION & SPILL PREVENTION PLAN

THE SCOPE OF WORK COVERED BY THIS PLAN INCLUDES EMERGENCY RESPONSE TO SPILLS, CONTAINMENT OF SPILLED LIQUIDS, EMERGENCY NOTIFICATION NUMBERS, AND SOIL EXCAVATION FOR SPILL CLEAN-UP.

IN THE EVENT OF A SPILL EVENT THE EMPLOYEE SHALL ASSESS THE SPILL AND IMMEDIATELY NOTIFY THE SAFETY OFFICER AND SUPERVISOR IN CHARGE, OR OTHER INDIVIDUALS AS LISTED BELOW.

TITLE	NAME	PHONE NUMBER
SITE SUPERINTENDENT		
PROJECT ENGINEER		

IMMEDIATELY AFTER NOTIFICATION, THE EMPLOYEE WILL BE DIRECTED BY THE SAFETY OFFICER, OR RESPONSIBLE PARTY TO START CONTAINMENT PROCEDURES TO PREVENT THE MATERIAL FROM REACHING THE STORM SEWERS, DRAINAGE DITCH AND OTHER OUTLETS USING THE FOLLOWING ACTIONS OR ANY OTHER MEANS NECESSARY WITHOUT COMPROMISING WORKER SAFETY:

- 1) CLEAR PERSONNEL FROM THE SPILL AREA AND ROPE OFF AREA.
- 2) STOP THE SPILL.
- 3) USE SORBENT MATERIALS, PLUG PUTTY, OR HOLE PUTTY AS NECESSARY TO CONTROL THE SPILL AT THE SOURCE.
- 4) CONSTRUCT A TEMPORARY CONTAINMENT DIKE OF SORBENT MATERIALS OR DIRT TO CONTAIN SPILL.

SPILL KITS WILL BE LOCATED ON THE PROJECT AS DESIGNATED ON THE SWPPP PLAN.

UPON COMPLETION OF CONTAINMENT OPERATIONS, PROPER CLEAN-UP PROCEDURES WILL BE IMPLEMENTED IN ACCORDANCE WITH REGULATORY PROCEDURES.

IF THE SPILL EXCEEDS 25 GALLONS, THE FOLLOWING ORGANIZATIONS SHALL BE CONTACTED WITHIN 30 MINUTES OF THE INCIDENT:

EMERGENCY CONTACTS:
OHIO EPA EMERGENCY RESPONSE CENTER 800-282-9378 (24-HOUR PHONE NO.)

GENERAL NOTES

THE CONTRACTOR IS HEREBY ADVISED THAT STRICTER POLLUTION CONTROL STANDARDS AND ENFORCEMENT HAVE BEEN IMPOSED BY THE OHIO EPA SINCE MARCH 10, 2003 AND WITH REVISIONS IN APRIL 2018 AND IN APRIL 2023. ALSO, MANY PRIVATE CITIZEN ENVIRONMENTAL GROUPS, WHO HAVE BEEN KNOWN TO FILE CIVIL LEGAL ACTIONS, ARE PRESENT IN THE AREA AND OBSERVE ALL CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS OF THE REQUIREMENTS AND RESPONSIBILITIES OF THE SWPPP AND SHALL DOCUMENT ALL SUCH NOTIFICATIONS AND/OR DISCUSSIONS.

THE CONTRACTOR WILL BE REQUIRED TO PARTICIPATE IN SEDIMENT AND EROSION CONTROL INSPECTIONS ON A WEEKLY BASIS AND SIGN AN APPROVED INSPECTION SHEET THAT SHALL BE KEPT ON FILE AT THE JOB SITE.

UNLESS OTHERWISE NOTED, STANDARDS AND SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE OEPA "RAINWATER AND LAND DEVELOPMENT" HANDBOOK SHALL GOVERN THE EROSION AND SEDIMENT CONTROL INSTALLATIONS SPECIFIED ON THIS PLAN.

THIS PROJECT WILL INVOLVE SEVERAL CONSTRUCTION PHASES AND SEQUENCING THROUGHOUT ITS LIFETIME. IT IS VERY IMPORTANT THAT ALL TEMPORARY SEDIMENT AND EROSION CONTROL (S&EC) FIELD METHODS ALONG WITH THIS PLAN, ARE UPDATED TO REFLECT THE ACTUAL FIELD CONDITIONS, CURRENT WEATHER CONDITIONS AND SITE GRADE CHANGES. THE ENGINEER OR THE OHIO EPA CAN AND WILL MODIFY THIS PLAN AS NECESSARY.

THE CONTRACTOR WILL VOLUNTARILY SELF REPORT ANY POTENTIAL VIOLATIONS OF THE OEPA NPDES PERMIT TO THE ENGINEER AND THE OEPA.

THE CONTRACTOR SHALL REMOVE EXISTING GROUND COVER ONLY AS NECESSARY FOR THE PROJECT PHASE CURRENTLY UNDER CONSTRUCTION.

CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF ACCORDING TO OHIO EPA REQUIREMENTS.

THE CONTRACTOR WILL BE REQUIRED TO BUILD SEDIMENT BASINS OR SEDIMENT TRAPS OR USE EQUAL METHODS TO DETAIN AND CLEAN WATER TO ACCEPTABLE EPA STANDARDS BEFORE RELEASING THE WATER BACK INTO THE STREAM.

THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS.

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS.

OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S DISCRETION.

NO SOIL, ROCK, DEBRIS OR OTHER MATERIAL SHALL BE DUMPED OR PLACED IN ANY AREAS NOT ADEQUATELY PROTECTED BY EROSION CONTROL INSTALLATIONS.

IT IS PREFERRED TO USE PERMANENT EROSION CONTROL ITEMS AS SHOWN IN THE PLANS TO CONTROL CONSTRUCTION POLLUTION WHEN POSSIBLE. OTHERWISE, THE TEMPORARY POLLUTION PREVENTION ITEMS ARE TO BE USED.

MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR STRIPED AREAS AS WORK PROGRESSES, ANY CHANGES SHALL BE NOTED IN THE PLAN BY RED LINE AND DATED ON A CORRECTIVE ACTION LOG.

ALL TEMPORARY SEDIMENT CONTROLS AND STORM WATER QUALITY METHODS WILL BE BUILT/INSTALLED AS THE PROJECT PROGRESSES TO ELIMINATE UNNECESSARY DISTURBANCE AND REDUNDANCY. ALL TEMPORARY CONTROLS SHALL BE IN PLACE AND FUNCTIONING PROPERLY WHEN THREATENING WEATHER IS IMMINENT.

"TEMPORARY STABILIZATION" MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

"PERMANENT STABILIZATION" MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE, DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.



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STABILIZATION PRACTICES

PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC200006. (SEE TABLE 1)

TABLE 1: PERMANENT STABILIZATION	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
ANY OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC200006. (SEE TABLE 2)

TABLE 2: TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITH 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WINTER WEATHER

ALL TEMPORARY EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE REMOVED WHEN 70% VEGETATION HAS BEEN REACHED.

STOCKPILE

SILT FENCING SHALL BE INSTALLED AROUND TEMPORARY SPOIL STOCKPILES. THESE STOCKPILES SHALL BE STRAW MULCHED AND/OR TEMPORARILY SEEDDED WITHIN 7 WORKING DAYS IF LEFT DORMANT FOR 14 DAYS OR LONGER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 2 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MORE THAN 50 FEET AWAY FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN.

STABILIZATION TYPE	J	F	M	A	M	J	J	A	S	O	N	D
PERMANENT SEEDING												
DORMANT SEEDING	•	•	•	•	•	•	•	•	•	•	•	•
TEMPORARY SEEDING												
SODDING			•	•	•	•	•	•	•	•	•	•
MULCHING	•	•	•	•	•	•	•	•	•	•	•	•

** IRRIGATION NEEDED

** IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SOD IS APPLIED

INSPECTIONS

ALL BMPs ON THIS SITE SHALL BE INSPECTED BY "QUALIFIED INSPECTION PERSONNEL" ASSIGNED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED. AFTER A RAIN EVENT OF 0.5 INCHES PER 24 HOUR PERIOD, A RECORD OF THESE INSPECTIONS SHALL BE MAINTAINED IN THE CONSTRUCTION OFFICE WITH THE SWPPP FOR PUBLIC VIEWING. ANY VIOLATIONS WILL BE REPORTED THROUGH THE PROJECT PERSONNEL. A RAIN GAUGE WILL BE LOCATED WITHIN THE PROJECT LIMITS.

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:

1. THE INSPECTION DATE;
2. NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
3. WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED;
4. WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
5. LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
6. LOCATION(S) OF BMPs THAT NEED TO BE MAINTAINED;
7. LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
8. LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND
9. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWP3 NECESSARY AND IMPLEMENTATION DATES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPs SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 108.07.

ONGOING INSPECTION OF INSTALLATIONS WILL BE PERFORMED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE.

ANY TRAPPED SEDIMENT OR DEBRIS REMOVED DURING CLEANING OF OR REMOVAL OF BMP INSTALLATIONS SHALL BE PLACED IN AREAS NOT SUBJECT TO EROSION AND PERMANENTLY STABILIZED.

DUST CONTROL

DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE.

THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:

1. **VEGETATIVE COVER AND MULCH** - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS, SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
2. **WATERING** - SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
3. **SPRAY-ON ADHESIVES** - APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.

ADHESIVE	WATER DILUTION (ADHESIVE: WATER)	NOZZLE TYPE	APPLICATION RATE (GAL/AC)
LATEX EMULSION	12.5:1	FINE	235
RESIN IN WATER ACRYLIC EMULSION (NO TRAFFIC)	4:1	FINE	300
ACRYLIC EMULSION (NO TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE	350

SPILL PREVENTION

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

1. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
2. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
5. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
6. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
7. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

HAZARDOUS PRODUCTS:

1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
2. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
3. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE SPILL. ALL SPILLS, WHICH RESULT IN CONTACT WITH WATERS OF THE STATE, MUST BE REPORTED TO THE OHIO EPA'S HOTLINE.
5. SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED AT AN OHIO EPA APPROVED SOIL WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDF).
6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
7. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

PRODUCT SPECIFIC PRACTICES

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURERS' RECOMMENDATIONS.

FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY.

FERTILIZERS

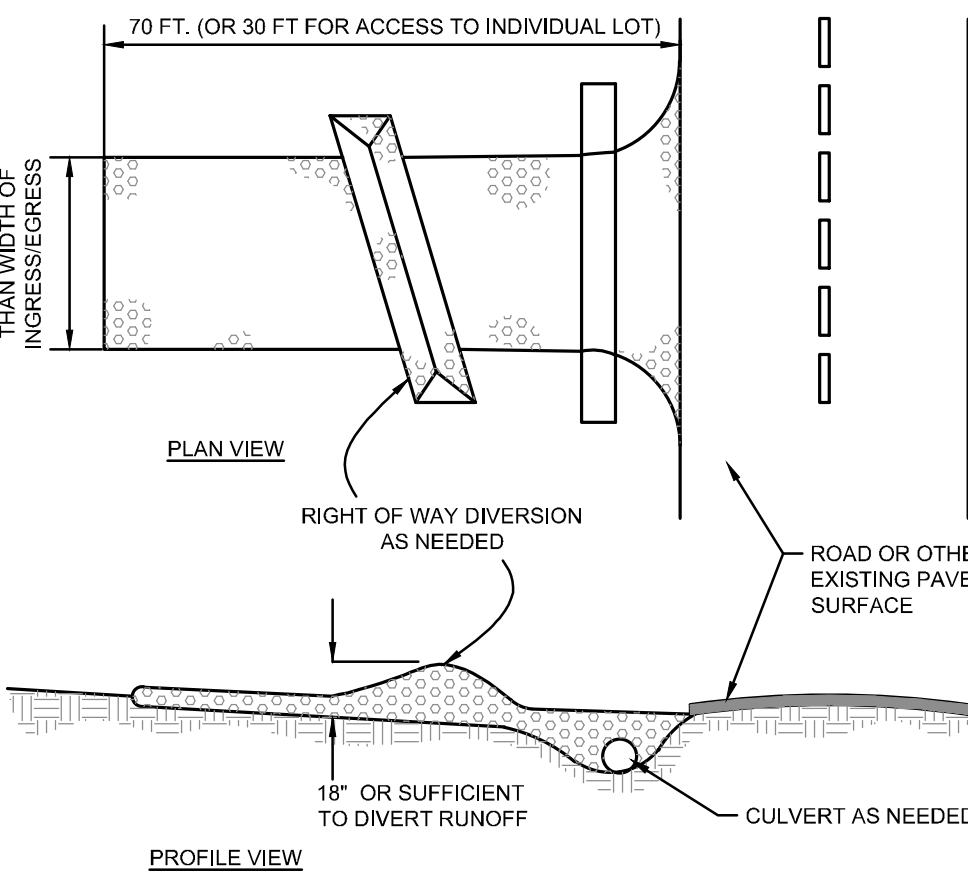
FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE WASH WATER/WASH OUTS

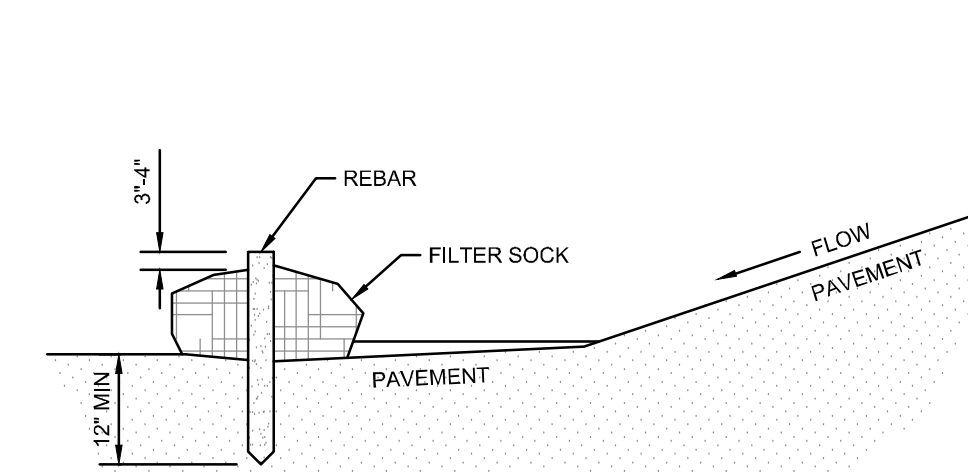
CONCRETE WASH WATER SHALL NOT BE ALLOWED TO FLOW TO STREAMS, DITCHES, STORM DRAINS, OR ANY OTHER WATER CONVEYANCE. A SUMP OR PIT WITH NO POTENTIAL FOR DISCHARGE SHALL BE CONSTRUCTED IF NEEDED TO CONTAIN CONCRETE WASH WATER. FIELD TILE OR OTHER SUBSURFACE DRAINAGE STRUCTURES WITHIN 10 FT. OF THE SUMP SHALL BE CUT AND PLUGGED. FOR SMALL PROJECTS, TRUCK CHUTES MAY BE RINSED ON THE LOT AWAY FROM ANY WATER CONVEYANCES.



NOTES

1. STONE SIZE - ODOT #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION - APPLY 30 FT. MINIMUM TO SINGLE RESIDENCE LOTS).
3. THICKNESS - THE STONE LAYER SHALL BE AT LEAST 18 INCHES THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
4. WIDTH - THE ENTRANCE SHALL BE AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE - A GEOTEXTILE SHALL BE LAID OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:
MINIMUM TENSILE STRENGTH..... 200 LBS
MINIMUM PUNCTURE STRENGTH..... 80 LBS
MINIMUM TEAR STRENGTH..... 50 LBS
MINIMUM PULL STRENGTH..... 320 PSF
MINIMUM ELONGATION..... 30%
EQUIVALENT OPENING SIZE..... E05-0.6MM
PERMEABILITY..... 1X10⁻⁶ CM/SEC
6. TIMING - THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICABLE BEFORE MAJOR GRADING ACTIVITIES.
7. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FROM FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
8. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
9. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE MATERIALS IS DROPPED, WASHED, OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES. TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SHEEPING.
10. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
11. REMOVAL - THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

CONSTRUCTION ENTRANCE DETAIL

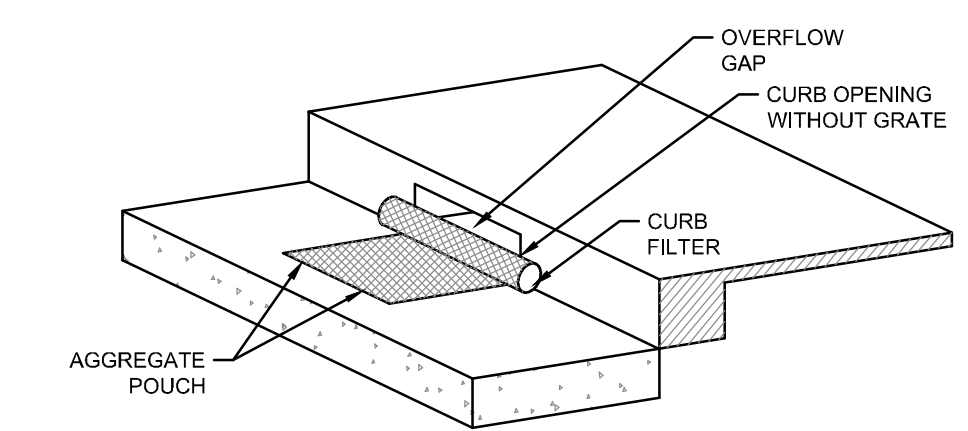


NOTES

1. MATERIALS - COMPOST USED FOR FILTER SOCKS SHALL BE WEED, PATHOGEN AND INSECT FREE AND FREE OF ANY REFUSE. CONTAINMENTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH THEY SHALL BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER AND CONSIST OF A PARTICLES RANGING FROM 3/8\"/>
2. FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HOPE 38\"/>
3. FILTER SOCKS WILL 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 AN IDEAL MIDSLOPE.
4. FILTER SOCKS INTENDED TO BE USED AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE SHALL BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.
5. FILTER SOCKS ARE NOT TO BE USED IN CONCENTRATED FLOW SITUATIONS OR IN RUNOFF CHANNELS.
6. ROUTINELY INSPECT FILTER SOCKS AFTER EACH SIGNIFICANT RAIN, MAINTAINING FILTER SOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES.
7. REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE FILTER SOCKS WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE PRACTICE.
8. WHERE THE FILTER SOCK DETERIORATES OR FAILS IT WILL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
9. REMOVAL - FILTER SOCKS WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED IN SUCH A WAY AS TO FACILITATE AND NOT OBSTRUCT SEEDINGS.

FILTER SOCK DETAIL

N.T.S.



SPECIFICATIONS

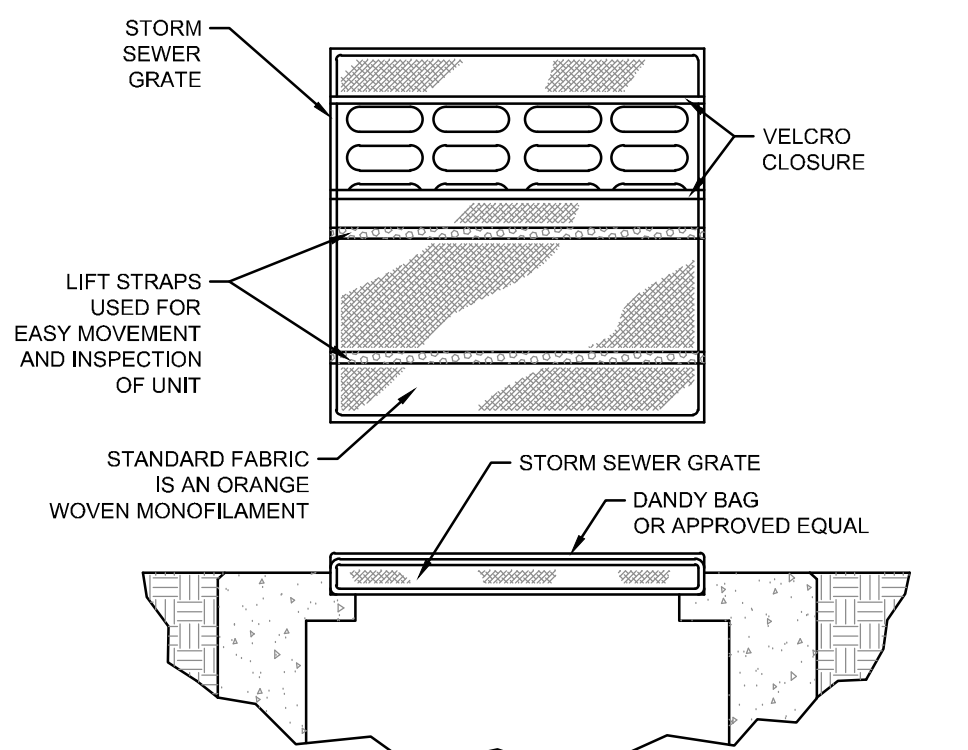
MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARY
GRAB TENSILE STRENGTH	ASTM D 4632	KN (LBS)	1.62 (365) X 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4633	KN (LBS)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	KPA (PSI)	2097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	KN (LBS)	0.51 (115) X 0.33 (75)
UV RESISTANCE	ASTM D 4385	%	40
APPARENT OPENING SIZE	ASTM D 4751	MM (US STD SIEVE)	0.425 (40)
FLOW RATE	ASTM D 4491	L/MIN (GAL/MINUTY)	5607 (145)
PERMITTIVITY	ASTM D 4491	SEC	2.1

INSTALLATION: PLACE DANDY CURB INLET PROTECTION UNIT ON GROUND WITH AGGREGATE POUCH ON STREET SIDE NEAR INLET IT WILL BE INSTALLED ON TO INSTALL ABSORBENT. PLACE AGGREGATE SOAK IN POUCH. FILL POUCH WITH AGGREGATE SUCH AS #57, #3 OR SIMILAR TO A LEVEL (AT LEAST 10\"/>

MAINTENANCE: WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL REMOVE SILT & OTHER DEBRIS OFF SURFACE AFTER EACH EVENT. REMOVE FINE MATERIAL FROM INSIDE ENVELOPE AS NEEDED. REMOVE AND REPLACE AGGREGATE WHEN NEAR SATURATION.

DANDY CURB DETAIL

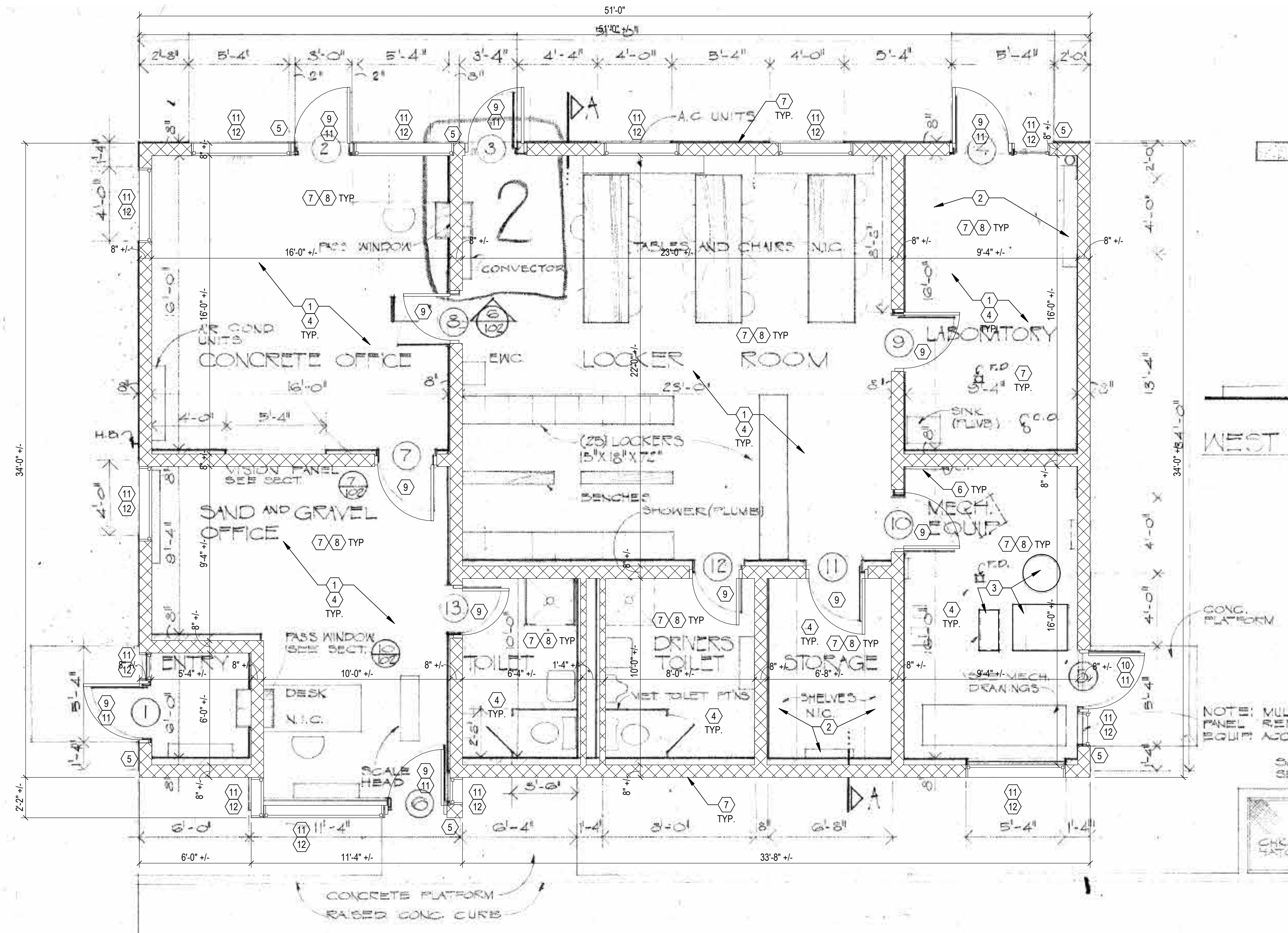
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PERMITTIVITY	ASTM D 4491	SEC	2.1

INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENT: PLACE AGGREGATE PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH AGGREGATE PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO



1
A101
EXISTING OFFICE FLOOR PLAN
1/4" = 1'-0"

- DRAWING NOTES:**
1. REMOVE ALL CEILING TILE, GRID, AND LIGHT FIXTURES. NOTE: PLASTER CEILING IN BATHROOMS TO REMAIN. REMOVE HVAC SUPPLY AND RETURN GRILLS AND ASSOCIATED FLEXIBLE DUCT WORK IN CEILING. REMOVE ANY ABANDONED WIRING/CABLING IN PLENUM.
 2. REMOVE ALL LOCKERS, SHELVES, AND MISCELLANEOUS ITEMS ON WALL AS DIRECTED BY CONSTRUCTION MANAGER.
 3. SERVICE EXISTING HVAC UNIT AND WATER HEATER.
 4. INSTALL NEW LED BAR LIGHTING. TYPICAL IN ENTIRE BUILDING.
 5. INSPECT EXISTING EXTERIOR LIGHTS AT DOOR LOCATIONS. REPLACE AS REQUIRED.
 6. VERIFY ELECTRICAL SYSTEM IS SAFE.
 7. CLEAN AND POWER WASH INSIDE AND OUT OF OFFICE BUILDING.
 8. PAINT THE INTERIOR OF OFFICE BUILDING. REFER TO SPECIFICATION SECTION 099100 - PAINTING.
 9. VERIFY ALL INTERIOR AND EXTERIOR DOORS ARE FUNCTIONAL AND HARDWARE IS OPERABLE. ON ALL DOORS, REPLACE LOCKSET AND CORES, CLOSERS, AND WEATHERSTRIPPING. REPLACE OTHER HARDWARE (HINGES, ETC.) AS NEEDED.
 10. PROVIDE NEW EXTERIOR HOLLOW METAL DOOR AND HARDWARE.
 11. REMOVE EXISTING PLYWOOD FROM ALL DOORS AND WINDOWS.
 12. PROVIDE GALVANIZED STEEL EXPANDED METAL SHEETS WITH DIAMOND SHAPED OPENINGS AND GALVANIZED ANCHORS INTO MASONRY AT EACH WINDOW OPENING AND DOOR SIDE LIGHT.
 13. RELOCATE EXISTING OFFICE FURNITURE AND EQUIPMENT FROM MESSER'S EXISTING TRAILER (JUST NORTH OF PAYCOR STADIUM) TO THE EXISTING HILLTOP OFFICE AS DIRECTED BY CONSTRUCTION MANAGER.

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PRELIMINARY
NOT FOR
CONSTRUCTION

ISSUES/REVISIONS		ISSUES/REVISIONS
1	03/28/2025	BD PACKAGE #2

TECHNICIAN
P. BELLMAN
PROJECT MANAGER
M. MONROE
PRINCIPAL
J. JONES
CHECKED BY
M. MONROE

HILLTOP LOT

DRAWING TITLE
EXISTING OFFICE FLOOR
PLAN

JOB NUMBER
25041.00
DATE
03/28/2025
DRAWING NUMBER

A101

ELECTRICAL SYMBOLS

	DASH SYMBOL INDICATES PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED.
	EXISTING OUTLET OR DEVICE TO REMAIN. MAINTAIN EXISTING CIRCUITING.
	ELECTRICAL CONNECTION.
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE). WHEN SHOWN, RECEPTACLE TO HAVE "CONTROLLED" MARKINGS.
	20A-125V SINGLE RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).
	SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.
	20A-125V DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, (18" MH UNLESS NOTED OTHERWISE) TWO GANG ASSEMBLY.
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH BOTTOM OUTLET CONTROLLED BY WALL SWITCH. (18" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (46" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH 2 INTEGRAL USB CHARGERS (18" MH UNLESS NOTED OTHERWISE).
	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).
	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE), WITH TAYMAC #MM420G EXTRA DUTY GRAY COVER, VERTICAL MOUNT.
	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE), WITH TAYMAC #MM420G EXTRA DUTY GRAY COVER, VERTICAL MOUNT.
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, ON EMERGENCY POWER (18" MH UNLESS NOTED OTHERWISE).
	20A-125V POWERLOCK GROUNDING TYPE RECEPTACLE, HOSPITAL USE (66" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX PEDESTAL TYPE FLOOR RECEPTACLE, NEMA 5-20R, IN HUBBELL BA-2527 FLOOR BOX WITH SA-2525 COVER PLATE AND SC-3091 HOUSING. PROVIDE CARPET FLANGE WHERE REQUIRED.
	FLOOR BOX # INDICATES TYPE, REFER TO FLOOR BOX (FB) SCHEDULE. IF NO #, PROVIDE HUBBELL BA-2527 FLUSH FLOOR BOX WITH ROUND SA-3925 COVER PLATE AND ONE 20A-125V DUPLEX RECEPTACLE. PROVIDE CARPET FLANGE WHERE REQD.
	FIRE RATED POKE-THRU, # INDICATES TYPE, REFER TO POKE-THRU (PT) SCHEDULE. IF NO #, PROVIDE HUBBELL 6 INCH RECESSED ACCESS POKE-THRU WITH TWO 20A-125V DUPLEX RECEPTACLES. PROVIDE CARPET FLANGE WHERE REQD.
	20-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH (ISOLATED GROUND) (18" MH UNLESS NOTED OTHERWISE).
	20A-125250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-20R (18" MH UNLESS NOTED OTHERWISE).
	30A-125250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-30R (18" MH UNLESS NOTED OTHERWISE).
	50A-125250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-50R (18" MH UNLESS NOTED OTHERWISE).
	20A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-20R (18" MH UNLESS NOTED OTHERWISE).
	30A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-30R (18" MH UNLESS NOTED OTHERWISE).
	50A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-50R (18" MH UNLESS NOTED OTHERWISE).
	JUNCTION BOX.
	MULTI-OUTLET RECEPTACLES ASSEMBLY, NEMA 5-15R (SINGLE OUTLETS ON 18" CENTERS) (46" MH UNLESS NOTED OTHERWISE).
	WIREMOLD RACEWAY, AS NOTED ON PLANS.
	CLOCK HANGER OUTLET, SINGLE NEMA 5-15R RECESSED IN COVER PLATE (84" MH UNLESS NOTED OTHERWISE).
	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE).
	TWO POLE WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
	MULTI-WAY WALL SWITCH, # INDICATES NUMBER OF WAYS (46" MH UNLESS NOTED OTHERWISE).
	SWITCH WITH NEON PILOT LIGHT, ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
	KEY OPERATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
	LOW-VOLTAGE MOMENTARY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
	LIGHTING DIMMER SWITCH (46" MH UNLESS NOTED OTHERWISE) 1000 WATTS UNLESS OTHERWISE INDICATED.
	SWITCH WITH RECEPTACLE (46" MH UNLESS NOTED OTHERWISE) STANDARD TWO-GANG ASSEMBLY OF SWITCH AND RECEPTACLE.
	FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
	HP RATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
	ELECTRICAL PANEL OR SWITCHBOARD PER DRAWINGS.
	PULL BOX.
	DISCONNECT SWITCH.
	MOTOR STARTER.
	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.
	ELECTRIC MOTOR.
	UNIT HEATER.
	FAN COIL.
	AIR CONDITIONER.
	CONDENSING UNIT.
	UNIT VENTILATOR.
	CORD REEL.
	POWER POLE.
	LINE VOLTAGE THERMOSTAT.
	DUCT HEATER.
	ELECTRIC BASEBOARD HEATER.
	INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "N" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).
	INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE).
	INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE).
	INTERCOM SPEAKER FLUSH MOUNT IN CEILING.
	PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE) EDWARDS 852 (120 VOLT).
	BUZZER (60" MH UNLESS NOTED OTHERWISE) EDWARDS 340-A (120 VOLT).
	4" DIAMETER (60" MH UNLESS NOTED OTHERWISE) EDWARDS "ADAPTEL" (120 VOLT).
	ELAPSED TIME INDICATOR CLOCK (60" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED OTHERWISE).
	PHOTOELECTRIC SENSOR.
	LIGHTING CONTACTOR.
	CEILING MOUNTED OCCUPANCY SENSOR.
	WALL MOUNTED OCCUPANCY SENSOR.
	CEILING MOUNTED VACANCY SENSOR.
	WALL MOUNTED VACANCY SENSOR.
	CEILING MOUNTED DAYLIGHT SENSOR.
	OCCUPANCY SENSOR POWER PACK.

LUMINAIRE SYMBOLS

		LIGHTING FIXTURE. CAPITAL LETTER DENOTES FIXTURE TYPE. LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT.
		LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT.
		EXT LIGHTING FIXTURE, ARROWS AS INDICATED. EGRESS LIGHT PACK AS INDICATED.

ABBREVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS	HC	- HVAC CONTRACTOR (DIVISION 23)
ACC	- ACCESS	HP	- HORSE POWER OR HIGH POINT
ADJ	- ADJUSTABLE	HVAC	- HEATING, VENTILATING, AND AIR CONDITIONING
AF	- ARC FAULT CIRCUIT INTERRUPTER	ID	- INSIDE DIAMETER
AFCI	- ARC FAULT CIRCUIT INTERRUPTER	IN	- INCHES
AFI	- ABOVE FINISHED FLOOR TO BOTTOM OF ITEM	KEC	- KITCHEN EQUIPMENT CONTRACTOR
AFG	- ABOVE FINISHED GRADE TO BOTTOM OF ITEM		
ALT	- ALTERNATE		
AP	- ACCESS PANEL	L	- LENGTH
APPROX	- APPROXIMATE	LBS	- POUNDS
ARCH	- ARCHITECT OR ARCHITECTURAL		
ASSY	- ASSEMBLY	MAP	- MASTER ALARM PANEL (MEDICAL GAS)
ATS	- AUTOMATIC TRANSFER SWITCH	MAX	- MAXIMUM
		MEZZ	- MEZZANINE
BLOG	- BUILDING	MFR	- MANUFACTURER
BOE	- BOTTOM OF EQUIPMENT	MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF ITEM
BOU	- BOTTOM	MIN	- MINIMUM OR MINUTE
BTWN	- BETWEEN	MTG	- MOUNTED
		MTS	- MOUNTING
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED	NC	- NOT IN CONTRACT
CKT	- CIRCUIT	NOM	- NOMINAL
CLG	- CEILING	NTS	- NOT TO SCALE
CMU	- CONCRETE MASONRY UNIT	OD	- OUTSIDE DIAMETER
CONN	- CONNECT OR CONNECTION	OFICI	- OWNER FURNISHED CONTRACTOR INSTALLED
CONTR	- CONTRACTOR	OFOW	- OWNER FURNISHED OWNER INSTALLED
CORR	- CORRIDOR	PC	- PLUMBING CONTRACTOR (DIVISION 22)
CTR	- CENTER	PLBG	- PLUMBING
D	- DEPTH	RAD	- RADIUS
DET	- DETAIL	REC	- RECESSED
DM	- DIAMETER	REQD	- REQUIRED
DM	- DIMENSION	REQD	- REQUIRED
DIV	- DIVISION	ROUGH-IN	- ROUGH-IN
DN	- DOWN		
DWG	- DRAWING	S	- SURFACE MOUNTED
		SEC	- SECURITY CONTRACTOR
EA	- EACH	SCH	- SCHEDULE
EC	- ELECTRICAL CONTRACTOR (DIVISION 26)	SHT	- SHEET
EJ	- EXPANSION JOINT	SMS	- SECURITY MANAGEMENT SYSTEM
ELEC	- ELECTRICAL	SPEC	- SPECIFICATIONS
ELEV	- ELEVATION OR ELEVATOR	SQ	- SQUARE
EM	- EMERGENCY	SS	- STAINLESS STEEL
EQ	- EQUAL	STD	- STANDARD
EOS	- EQUIPMENT SUPPLIER	STRUC	- STRUCTURAL OR STRUCTURE
EQUIP	- EQUIPMENT	SUC	- SITE UTILITY CONTRACTOR
ER	- EXISTING TO BE RELOCATED		
EX	- EXISTING TO REMAIN	TC	- TECHNOLOGY CONTRACTOR
EXP	- EXPANSION	TEMP	- TEMPERATURE
EXT	- EXTERIOR	TOE	- TOP OF EQUIPMENT
		TYP	- TYPICAL
FCE	- FIRE CONTROL EQUIPMENT	UNO	- UNLESS NOTED OTHERWISE
FINS	- FINISHED FLOOR ELEVATION		
FLR	- FLOOR	VFD	- VARIABLE FREQUENCY DRIVE
FSC	- FIRE SUPPRESSION CONTRACTOR (DIVISION 21)	VL	- VOLUME
FT	- FEET	VO	- VOLUME
FTG	- FOOTING	W/	- WITH
		W/O	- WITHOUT
GC	- GENERAL CONTRACTOR	WP	- WEATHERPROOF
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER	ZVC	- ZONE VALVE CABINET
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER OR GOVERNMENT FURNISHED CONTRACTOR INSTALLED		
GFFT	- GROUND FAULT FEED THRU		

GENERAL FLOOR PLAN NOTES

	DETAIL: B = DETAIL DESIGNATION
	E2 = SHEET WHERE DETAIL IS LOCATED
	SECTION: 1 = SECTION DESIGNATION
	E2 = SHEET WHERE SECTION IS LOCATED
	ELEVATION: 1 = ELEVATION DESIGNATION
	T2 = SHEET WHERE ELEVATION IS LOCATED
	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.
	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.
	LIGHTING CONTROL DETAIL NOTE. APPLIES TO THE LIGHTING CONTROL SEQUENCE OF OPERATIONS SCHEDULE FOR ROOM CONTROL.
	DEVICE QUANTITY - POWER NOTE. REFER TO DEVICE QUANTITIES - POWER SCHEDULE.
	LADDER TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	WIRE & CONDUIT IN WALL OR ABOVE CEILING.
	WIRE & CONDUIT IN OR BELOW SLAB OR GRADE.
	CONDUIT TO BE REMOVED.
	EXISTING WIRE & CONDUIT TO REMAIN.
	CONDUIT FOR DATA CIRCUITRY.
	WIRE & CONDUIT FOR EMERGENCY CIRCUITRY.
	WIRE & CONDUIT FOR FIRE ALARM CIRCUITRY.
	WIRE & CONDUIT FOR INTERCOM SYSTEM CIRCUITRY.
	WIRE & CONDUIT FOR NURSE CALL CIRCUITRY.
	WIRE & CONDUIT FOR NIGHT LIGHT CIRCUITRY.
	CONDUIT FOR PHONE CIRCUITRY.
	WIRE & CONDUIT FOR SOUND SYSTEM CIRCUITRY.
	WIRE & CONDUIT FOR SECURITY SYSTEM CIRCUITRY.
	WIRE & CONDUIT FOR TELEVISION SYSTEM CIRCUITRY.
	WIRE RUN IN SURFACE WIREWAY.
	CABLE MANAGEMENT SYSTEM PATHWAY.
	EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; "X" DENOTES PANEL NAME; NUMBER(S) DENOTES CIRCUIT(S).

NOTE:
ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS.
ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

LUMINAIRES																												
NOTES: 1. PROVIDE WOOD POLE ADAPTERS AND HARDWARE FOR FIXTURE MOUNTING SAVINGS. 2. PROVIDE PHOTOCEL CONTROL OF FIXTURE.																												
3. PROVIDE MOTION SENSOR CONTROL AND 30 PERCENT DIMMING AT FIXTURE FOR ENERGY																												
MARK	QUANTITY				LAMPS				LOAD (VA)	FIXTURE VOLTAGE	MANUFACTURER	CATALOG NO.	DESCRIPTION	OTHER ACCEPTABLE MANUFACTURERS	DIFFUSING MEDIA	TRIM COLOR				MOUNTING				SIZE				SEE NOTE
	FLUORESCENT	INCANDESCENT	H.I.D.	X	WATTS / LAMP	VA / LINEAR FOOT	CATALOG NO.	DELIVERED LUMENS								COLOR	WHITE	BLACK	ALUMINUM	BRONZE	STANDARD	SEE NOTE	S-SURFACE R-RECESSED SM-STEM MTD WM-WALL MTD C-CHAIN MTD UC-UNDER CAB CS-CELL SURFACE	DIAMETER	WIDTH	LENGTH	DEPTH	
HP3				X	160		INCLUDE D	20,812	4000	160	277	MCGRAW-EDISON	GALN-SA3C-840-U-T3-BK-BPC-SPB2	POLE LIGHT ON WOOD POLE, 70CRI,4000K, TYE 3 OPTICS, EXTRUDED ALUMINUM ENCLOSURE, LED DRIVERS, 0-10V DIMMING, POWDER COAT FINISH, MOTION SENSOR WITH 30% DIMMING, FIVE YEAR WARRANTY.	GARDCO, LITHONIA	INJECTION MOLDED OPTICS	•	ALUMINUM				WOOD POLE -20' MH	8"	21"	4"	1.2,3		
HP5				X	160		INCLUDE D	20,812	4000	160	277	MCGRAW-EDISON	GALN-SA3C-840-U-5WQ-B-K-BPC-SPB2	POLE LIGHT ON WOOD POLE, 70CRI,4000K, TYE 3 OPTICS, EXTRUDED ALUMINUM ENCLOSURE, LED DRIVERS, 0-10V DIMMING, POWDER COAT FINISH, MOTION SENSOR 30% DIMMING, FIVE YEAR WARRANTY.	GARDCO, LITHONIA	INJECTION MOLDED OPTICS	•					WOOD POLE -20' MH	8"	21"	4"	1.2,3		

ELECTRICAL SPECIFICATIONS (DIV 26)

1. PROVIDE A COMPLETE ELECTRICAL SYSTEM AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN. WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING PRINCIPAL CATEGORIES:
 - A. WIRING DEVICES.
 - B. POWER WIRING.
 - C. MISCELLANEOUS WIRING AND INTERLOCKS.
 - D. EQUIPMENT CONNECTIONS.
 - E. PANELBOARDS.
 - F. TRANSFORMERS.
 - G. LIGHTING FIXTURES.
2. OBTAIN AND PAY FOR ALL PERMITS. UPON COMPLETION, PROVIDE A CERTIFICATE OF APPROVAL FROM THE GOVERNING INSPECTION AUTHORITY. ALL WORK SHALL COMPLY WITH NEC, OHIO BUILDING CODE AND OTHER APPLICABLE LAWS AND ORDINANCES.
3. DURING THE BIDDING PERIOD, INSPECT THE SITE AND PREMISES OF PROPOSED WORK. REPORT IMMEDIATELY ANY SIGNIFICANT OBSERVED DISCREPANCIES AS RELATED TO THE PLANS OR REQUIRED WORK.
4. THIS CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP, EQUIPMENT, AND MATERIAL ENTERING INTO THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE. ANY WORK PROVEN TO BE DEFECTIVE DURING THIS PERIOD SHALL BE MADE GOOD BY THIS CONTRACTOR WITHOUT EXPENSE TO THE OWNER.
5. WHERE TRADE NAMES, BRANDS OR MANUFACTURERS ARE LISTED, ANY ONE OF THE SEVERAL NAMES ARE CONSIDERED EQUALLY ACCEPTABLE. NO UNNAMED PRODUCT OR MATERIAL SHALL BE USED UNLESS IT IS LISTED AS A SUBSTITUTE DURING BIDDING, WITH STATED CHANGE IN COST, AND APPROVED IN WRITING BY THE ARCHITECT OR ENGINEER PRIOR TO PLACEMENT OF ORDERS. SUBMIT ELECTRONIC SHOP DRAWINGS ON MAJOR ITEMS OF EQUIPMENT AND MATERIALS. THE REVIEW OF SHOP DRAWINGS BY THE ARCHITECT OR ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS IN THE SHOP DRAWINGS.
 - A. AS EACH ELECTRICAL SYSTEM IS COMPLETED, IT SHALL BE TESTED TO ASSURE FREEDOM FROM GROUND AND THAT REQUIRED FUNCTIONS ARE PERFORMED. WORK SHALL BE INSPECTED AND APPROVED BY THE LOCAL INSPECTION AGENCY HAVING JURISDICTION. PERFORM SPECIAL RESISTANCE TESTS WHEN REQUESTED BY THE INSPECTION AGENCY OR ENGINEER TO PROVE THE SYSTEMS INTEGRITY. FURNISH TO THE OWNER, THRU THE ARCHITECT, A FINAL INSPECTION CERTIFICATE.
 - B. DEMONSTRATE FUNCTIONS PERFORMED BY DEVICES AND SYSTEMS TO THE OWNER'S REPRESENTATIVE. FURNISH TO THE OWNER DATA SHEETS INDICATING NATURE AND FREQUENCY OF MAINTENANCE REQUIRED FOR SWITCHES, DEVICES AND EQUIPMENT. ASSEMBLE AND DELIVER TWO (2) BOUND COPIES OF THIS DATA.
6. PLAN WORK TO PROVIDE REASONABLE CONTINUOUS SERVICE OF EXISTING SYSTEMS. SHUTDOWN OF SYSTEMS SHALL BE BID AS OUTSIDE OF NORMAL WORKING HOURS.
7. WORKMANSHIP SHALL BE FIRST CLASS. THE ARCHITECT'S JUDGMENT SHALL PREVAIL IF THE QUALITY IS SUSPECT.
8. PROTECT MATERIALS AND EQUIPMENT AFTER DELIVERY TO THE JOB SITE.
9. THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING WORK WHICH IS KINDRED TO HIS TRADE AND WHICH WILL BE SUPERFLUOUS WHEN THE NEW SYSTEM IS INSTALLED.
10. EACH CONTRACTOR SHALL MAINTAIN A SEPARATE SET OF AS-BUILT PRINTS OF THE CONTRACT DOCUMENTS AND SHALL SHOW ANY SIGNIFICANT CHANGES OR VARIATIONS WHICH ARE MADE DURING CONSTRUCTION. UPON COMPLETION OF THE WORK, THESE DRAWINGS SHALL BE TURNED OVER TO THE ARCHITECT.
11. ALL CONDUCTORS SHALL BE COPPER. MINIMUM SIZE #12 AWG FOR BRANCH CIRCUITS, #14 AWG FOR CONTROL CIRCUITS, AND INSULATED FOR 600 VOLT, TYPE THWN, XHHW, OR THHN, SUBJECT TO MOISTURE AND HEAT LIMITATIONS STATED IN CODE. USE ONLY THHN, OR XHHW CONDUCTORS FOR CONNECTIONS TO LIGHTING FIXTURES.
12. CONDUIT SHALL BE USED FOR ALL WIRING. MINIMUM SIZE OF 0.75". CONDUIT SYSTEMS MAY BE ANY ONE OR COMBINATION OF THE FOLLOWING, WITHIN RESTRICTING LIMITS INDICATED. CONDUIT TYPES NOT LISTED SHALL NOT BE USED.
 - A. RIGID GALVANIZED CONDUIT - RESTRICTIONS (NOT TO BE USED IN): DIRECT BURIED IN CORROSIVE SOILS OR CORROSIVE ATMOSPHERES.
 - B. INTERMEDIATE GRADE GALVANIZED THREADED CONDUIT - RESTRICTIONS (NOT TO BE USED IN): DIRECT BURIED IN CORROSIVE SOILS OR CORROSIVE ATMOSPHERES.
 - C. THINWALL EMT CONDUIT WITH APPROVED CONNECTOR FITTINGS TO ASSURE GROUNDING CONTINUITY, SUBJECT TO THE FOLLOWING RESTRICTIONS: (NOT TO BE USED IN)
 1. HAZARDOUS OR CORROSIVE ATMOSPHERES.
 2. NOT IN POURED CONCRETE, OUTDOORS, OR UNDERGROUND.
 3. NOT EXPOSED BELOW 96".
 - D. PVC TYPE 40 (SCHEDULE 40) RIGID, CONFORMING TO ANSI, NEMA SPECIFICATIONS AND EACH LENGTH U.L. LABELED. APPLICATION - USE LIMITED TO:
 - A. IN OR UNDER CONCRETE SLABS ON GRADE.
 - B. EXTERIOR USE WHEN ENCASED IN 3" CONCRETE.
 - C. DIRECT BURIED, UNDERGROUND WHEN INDICATED ON DRAWINGS.
 - E. FLEXIBLE METAL CONDUIT (GREENFIELD TYPE GALVANIZED). USE RESTRICTED TO THE FOLLOWING APPLICATIONS:
 1. CONNECTIONS TO LIGHTING FIXTURES, MAXIMUM LENGTH 6 FT.
 - F. LIQUID TIGHT FLEXIBLE METAL CONDUIT WITH WATER TIGHT O

MARK	DATE	DESCRIPTION

TECHNICIAN
JIT
PROJECT MANAGER
CR
PRINCIPAL
JIT
CHECKED BY
OT

FOR THE
BOARD OF
COMMISSIONERS
OF
HAMILTON
COUNTY, OHIO
HILLTOP LOT

DRAWING TITLE
ELECTRICAL
LIGHTING
PLAN
JOB NUMBER
2025-07049
DATE
3/28/25
DRAWING NUMBER

E100

GENERAL NOTES:

- ALL LUMINAIRES SHALL BE PROTECTED BY GFCI CIRCUIT PROTECTION.
- THE FLOOD PLAIN ELEVATION ON THIS SITE IS SET AT AN ELEVATION OF 488. ALL LUMINAIRES SHALL BE PLACED ON WOOD POLES AT 20 FEET ABOVE GRADE AND ABOVE THIS DEFINED ELEVATION.

NOTES:

- ALUMINUM INSULATED AERIAL WIRE BETWEEN WOOD LIGHT POLES FOR SITE LIGHTING. WIRE SHALL BE SELF SUPPORTING WITH MESSENGER WIRE. PROVIDE ALL REQUIRED HARDWARE FOR CODE COMPLIANT MOUNTING.
- PROVIDE WRAP AROUND WOOD POLE TOP BRACKET OR CROSS ARM STEEL BRACKET FOR SUPPORTING NEW LUMINAIRE.

1 SITE PLAN
SCALE: 1" = 40'-0"

