PROPOSED SITE PLAN DOCUMENTS

FOR

Walmart

02023.0251

PROPOSED

PICKUP AND SIGNAGE / STRIPING IMPROVEMENT AND BUILDING EXPANSION

LOCATION OF SITE

1355 E LEHMAN STREET, LEBANON, PA 17046

NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA

PARCEL #27-2347490-373272-0000

REFERENCES AND CONTACTS

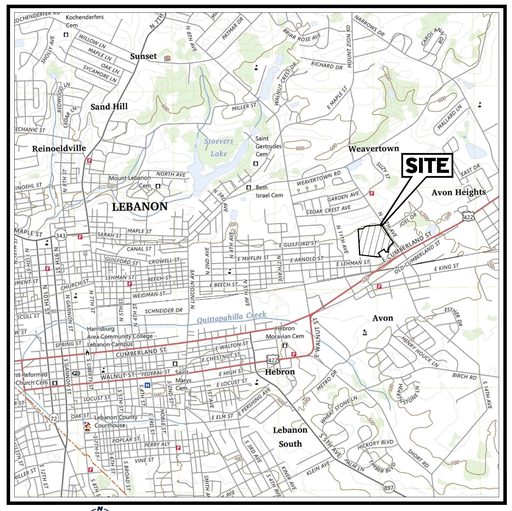
REFERENCES

- BOUNDARY & TOPOGRAPHIC SURVEY:
  BOHLER, LLC
  1515 MARKET STREET, SUITE 920
  PHILADELPHIA, PA 19102
  DATED: 04/20/2026 (REV. 0A)
  PAC250150.00
  ELEVATIONS: NAVD 1988
- ARCHITECTURAL PLAN:
  BRR ARCHITECTURE, INC.
  8131 METCALF AVENUE, SUITE 300
  OVERLAND PARK, KS 66204
  DATED: 06/02/2026
- GEOTECHNICAL REPORT:
  WHITESTONE ASSOCIATES, INC.
  925 VISTA PARK DRIVE
  PITTSBURGH, PA 15205
  DATED: 04/13/2026

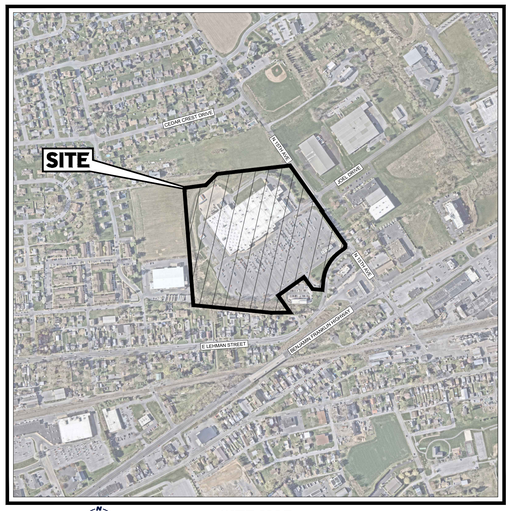
GOVERNING AGENCIES

- PLANNING, ZONING COMMITTEE
  NORTH LEBANON TOWNSHIP
  725 KIMMERLINGS ROAD
  LEBANON, PA 17046
  PHONE: (717) 273-7132

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY OTHERS.



USGS MAP
SCALE: 1" = 2,000'
SOURCE: LEBANON QUADRANGLE



SITE MAP
SCALE: 1" = 500'
SOURCE: NEARMAP,
DATED 04-17-2026

SHEET INDEX

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WAYFINDING PLAN	WF-1
EROSION AND SEDIMENTATION CONTROL PLAN	ES-1
EROSION AND SEDIMENTATION CONTROL NOTES AND DETAILS	ES-2
SITE PLAN	SP-1
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SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET	SECP/SSM DETAILS-1
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DETAIL SHEET	DTL-1
SPECIFICATIONS SHEET	CSS-1
SPECIFICATIONS SHEET 2	CSS-2
SURVEY (BY OTHERS)	2 SHEETS

PREPARED BY

BOHLER

CONTACT: ROBERTO ESPINA, RESPINA@BOHLERENG.COM

COVER SHEET

REVISIONS	BY

BOHLER
4999 LOUISE DRIVE, SUITE 200
MECHANICSBURG, PA 17055
Phone: (717) 425-2700
www.BohlerEngineering.com

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NOT APPROVED FOR CONSTRUCTION

SUPERCENTER 02023.0251
1355 EAST LEHMAN STREET
LEBANON, PA 17046

WALMART INC.
804 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	COV-1

P:\PA\2025\PAC250150.00\CAD\DRAWINGS\PLAN SET\STORE ENTRANCE CONSISTENCY PROGRAM\P-SECP-CNDS-PAC250150.00-0A.DWG PRINTED BY: RESPINA 7:36:26 @ 10:22 PM LAST SAVED BY: RESPINA

GENERAL NOTES

(Rev. 1/2023)

1. THESE PLANS ARE SOLELY BASED ON INFORMATION THE OWNER AND OTHERS PROVIDED TO BOHLER, LLC (HEREIN "BOHLER") PRIOR TO THE DATE ON WHICH THE PROFESSIONAL OF RECORD AND BOHLER PREPARED THESE PLANS. THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS AND IMMEDIATELY NOTIFY BOHLER , IN WRITING, IF ANY ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THESE PLANS, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.
2. THE CONTRACTOR MUST STRICTLY COMPLY WITH THESE NOTES AND ALL SPECIFICATIONS/REPORTS CONTAINED HEREIN. THE CONTRACTOR MUST ENSURE THAT ALL SUBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS, THESE NOTES, AND THE REQUIREMENTS ARTICULATED IN THE NOTES CONTAINED IN ALL THE OTHER DRAWINGS THAT COMPRISE THE PLAN SET OF DRAWINGS. ADDITIONAL NOTES AND SPECIFIC PLAN NOTES MAY BE FOUND ON THE INDIVIDUAL PLANS. THESE GENERAL NOTES APPLY TO THIS ENTIRE DOCUMENT PACKAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE, PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION.
3. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST CONFIRM WITH THE PROFESSIONAL OF RECORD AND BOHLER THAT THE LATEST EDITION OF THE DOCUMENTS AND/OR REPORTS REFERENCED WITHIN THE PLAN REFERENCES ARE BEING USED FOR CONSTRUCTION. THIS IS THE CONTRACTOR'S SOLE AND COMPLETE RESPONSIBILITY.
4. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION IS TO BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE CONDITIONS OF APPROVAL TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES AND HAS ALSO CONFIRMED THAT ALL NECESSARY AND REQUIRED PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.
5. THE CONTRACTOR MUST ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS/REPORTS AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES WITH JURISDICTION OVER THIS PROJECT, AND ALL PROVISIONS IN AND CONDITIONS OF THE CONSTRUCTION CONTRACT WITH THE OWNER/DEVELOPER INCLUDING ALL EXHIBITS, ATTACHMENTS AND ADDENDA TO SAME.
6. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE THE BUILDING LAYOUT BY CAREFULLY REVIEWING THE MOST CURRENT ARCHITECTURAL, CIVIL AND STRUCTURAL CONSTRUCTION DOCUMENTS (INCLUDING, BUT NOT LIMITED TO, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLANS, WHERE APPLICABLE). THE CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, OF ANY CONFLICTS, DISCREPANCIES OR AMBIGUITIES WHICH EXIST BETWEEN THESE PLANS AND ANY OTHER PLANS THAT COMPRISE THE CONSTRUCTION DOCUMENTS.
7. CONTRACTOR MUST REFER TO AND ENSURE COMPLIANCE WITH THE APPROVED ARCHITECTURAL/BUILDING PLANS OF RECORD FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.
8. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND MEASUREMENTS SHOWN ON THESE PLANS, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR MUST IMMEDIATELY NOTIFY PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, IF ANY CONFLICTS, DISCREPANCIES, OR AMBIGUITIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR WORK WHICH HAS TO BE RE-DONE OR REPAIRED DUE TO DIMENSIONS, MEASUREMENTS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO BOTH (A) THE CONTRACTOR GIVING PROFESSIONAL OF RECORD AND BOHLER WRITTEN NOTIFICATION OF SAME AND (B) PROFESSIONAL OF RECORD AND BOHLER, THEREAFTER, PROVIDING THE CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK.
9. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND MEASUREMENTS INCLUDED ON DESIGN DOCUMENTS HEREIN AND MUST NOT SCALE OFF THE DRAWINGS DUE TO POTENTIAL PRINTING INACCURACIES. ALL DIMENSIONS AND MEASUREMENTS ARE TO BE CHECKED AND CONFIRMED BY THE GENERAL CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION/ORDERING OF PARTS AND MATERIALS AND COMMENCEMENT OF SITE WORK. SITE PLAN DRAWINGS ARE NOT INTENDED AS SURVEY DOCUMENTS. DIMENSIONS SUPERSEDE GRAPHICAL REPRESENTATIONS. THE CONTRACTOR MUST MAKE CONTRACTOR'S OWN MEASUREMENTS FOR LAYOUT OF IMPROVEMENTS.
10. THE OWNER AND CONTRACTOR MUST BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
11. WHEN INCLUDED AS ONE OF THE REFERENCED DOCUMENTS, THE GEOTECHNICAL REPORT, SPECIFICATIONS AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, DISCREPANCY OR AMBIGUITY, THE MORE STRINGENT REQUIREMENTS AND/OR RECOMMENDATIONS CONTAINED IN: (A) THE PLANS; AND (B) THE GEOTECHNICAL REPORT AND RECOMMENDATIONS, MUST TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORT AND PLANS AND SPECIFICATIONS, PRIOR TO PROCEEDING WITH ANY FURTHER WORK. IF A GEOTECHNICAL REPORT WAS NOT CREATED, THEN THE CONTRACTOR MUST FOLLOW AND COMPLY WITH ALL OF THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE SPECIFICATIONS WHICH HAVE JURISDICTION OVER THIS PROJECT.
12. PROFESSIONAL OF RECORD AND BOHLER ARE NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, HAS NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY.
13. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN AND WHERE SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS STRUCTURES AND PROPERTIES. ALL OF THIS WORK IS TO BE PERFORMED AT CONTRACTOR'S SOLE COST AND EXPENSE.
14. THE CONTRACTOR MUST EXERCISE EXTREME CAUTION WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN EITHER FOR AN INITIAL PHASE OF THE PROJECT OR AS PART OF THE FINAL CONDITION. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ALL APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES, BUILDINGS, AND INFRASTRUCTURE WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES, PEDESTRIANS AND ANYONE INVOLVED WITH THE PROJECT.
15. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION AND CONSTRUCTION WASTES, UNSUITABLE EXCAVATED MATERIAL, EXCESS SOIL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER THE CONTRACTOR.
16. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE PROMPTLY PROVIDED TO THE OWNER UPON REQUEST.
17. THE CONTRACTOR MUST REPAIR, AT CONTRACTOR'S SOLE COST, ALL DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME TO INCLUDE, BUT NOT BE LIMITED TO, REDESIGN, RE-SURVEY, RE-PERMITTING AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE CONDITIONS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS, RULES, REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE CONTRACTOR MUST, PROMPTLY, DOCUMENT ALL EXISTING DAMAGE AND NOTIFY, IN WRITING, THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
18. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR AND HAVE NO CONTRACTUAL, LEGAL OR OTHER RESPONSIBILITIES FOR JOB SITE SAFETY JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME. THE PROFESSIONAL OF RECORD AND BOHLER HAVE NOT BEEN RETAINED TO PERFORM OR TO BE RESPONSIBLE FOR JOB SITE SAFETY, SAME BEING WHOLLY OUTSIDE OF PROFESSIONAL OF RECORD'S AND BOHLER SERVICES AS RELATED TO THE PROJECT. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE TO IDENTIFY OR REPORT ANY JOB SITE SAFETY ISSUES OR ANY JOB SITE CONDITIONS, AT ANY TIME.
19. THE CONTRACTOR MUST IMMEDIATELY IDENTIFY IN WRITING, TO THE PROFESSIONAL OF RECORD AND BOHLER , ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY, HEALTH OR GENERAL WELFARE, OR PROJECT COST. IF THE CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER WRITTEN NOTIFICATION AS DESCRIBED ABOVE, IT WILL BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, THE CONTRACTOR MUST INDEMNIFY, DEFEND AND HOLD HARMLESS THE PROFESSIONAL OF RECORD AND BOHLER FOR ANY AND ALL DAMAGES, COSTS, INJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM OR ARE IN ANY WAY RELATED TO SAME INCLUDING, BUT NOT LIMITED TO, ANY THIRD PARTY AND FIRST PARTY CLAIMS.
20. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM THE CONTRACTOR'S FAILURE TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH THE APPROVED PLANS, AND CURRENT CODES, RULES, STATUTES AND THE LIKE. IF THE CONTRACTOR AND/OR OWNER FAIL TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH APPROVED PLANS, RULES, STATUTES, CODES AND THE LIKE, THE CONTRACTOR AND/OR OWNER AGREE TO AND MUST JOINTLY, INDEPENDENTLY, SEPARATELY, AND SEVERALLY INDEMNIFY AND HOLD THE PROFESSIONAL OF RECORD AND BOHLER HARMLESS FOR AND FROM ALL INJURIES, CLAIMS AND DAMAGES THAT PROFESSIONAL OF RECORD AND BOHLER SUFFER AND ANY AND ALL COSTS THAT PROFESSIONAL OF RECORD AND BOHLER INCUR AS RELATED TO SAME.
21. ALL CONTRACTORS MUST CARRY AT LEAST THE MINIMUM AMOUNT OF THE SPECIFIED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND COMMERCIAL GENERAL LIABILITY INSURANCE (CGL) INCLUDING ALSO ALL UMBRELLA COVERAGES. ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER , AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AS ADDITIONAL NAMED INSUREDS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE (DEFEND, IF APPLICABLE) AND HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED AND AGREED TO BY THE CONTRACTOR HEREIN. ALL CONTRACTORS MUST FURNISH BOHLER WITH CERTIFICATIONS OF INSURANCE OR CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE COVERAGES PRIOR TO COMMENCING ANY WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR TWO YEARS AFTER THE COMPLETION OF CONSTRUCTION AND AFTER ALL PERMITS ARE ISSUED, WHICHEVER DATE IS LATER. IN ADDITION, ALL CONTRACTORS AGREE THAT THEY WILL, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, INDEMNIFY, DEFEND AND HOLD HARMLESS BOHLER AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, INJURIES, CLAIMS, ACTIONS, PENALTIES, EXPENSES, PUNITIVE DAMAGES, TORT DAMAGES, STATUTORY CLAIMS, STATUTORY CAUSES OF ACTION, LOSSES, CAUSES OF ACTION, LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH OR TO THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTOR(S), ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. THE CONTRACTOR MUST NOTIFY PROFESSIONAL OF RECORD, IN WRITING, AT LEAST THIRTY (30) DAYS PRIOR TO ANY TERMINATION, SUSPENSION OR CHANGE OF ITS INSURANCE HEREUNDER.
22. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES OR PROCEDURES, GENERALLY OR FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS, AND FOR ANY CONFLICTS IN SCOPE AND REVISIONS THAT RESULT FROM SAME. THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS FOR COMPLETION OF THE WORK, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
23. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER, NOR THE PRESENCE OF BOHLER AND/OR ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE (HEREIN "BOHLER PARTIES"), RELIEVES OR WILL RELIEVE THE CONTRACTOR OF AND FROM CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, OVERSEEING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND COMPLIANCE WITH ALL HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH JURISDICTION OVER THE PROJECT AND/OR PROPERTY. BOHLER PARTIES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER (OR ANY RESPONSIBILITY FOR) ANY CONSTRUCTION, THE CONTRACTOR OR ITS EMPLOYEES RELATING TO THEIR WORK AND ANY AND ALL HEALTH AND SAFETY PROGRAMS OR PROCEDURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR MUST INDEMNIFY, DEFEND, PROTECT AND HOLD HARMLESS BOHLER PARTIES FOR AND FROM ANY LIABILITY TO BOHLER PARTIES RESULTING FROM THE CONTRACTOR'S WORK, SERVICES AND/OR VIOLATIONS OF THIS NOTE, THESE NOTES OR ANY NOTES IN THE PLAN SET AND, FURTHER, THE CONTRACTOR MUST NAME BOHLER AS AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE.
24. WHEN IT IS CLEARLY AND SPECIFICALLY WITHIN BOHLER'S SCOPE OF SERVICES CONTRACT WITH THE OWNER/DEVELOPER, BOHLER WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF EVALUATING CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND METHODS AND/OR TECHNIQUES OR PROCEDURES, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND BOHLER HAS NO RESPONSIBILITY OR LIABILITY FOR SAME. BOHLER WILL PERFORM ITS SHOP DRAWING REVIEW WITH REASONABLE PROMPTNESS, AS CONDITIONS PERMIT. ANY DOCUMENT, DOCUMENTING BOHLER'S REVIEW OF A SPECIFIC ITEM OR LIMITED SCOPE, MUST NOT INDICATE THAT BOHLER HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER IS NOT RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR MUST, IN WRITING, PROMPTLY AND IMMEDIATELY BRING ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS TO BOHLER'S ATTENTION. BOHLER IS NOT REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
25. IF THE CONTRACTOR DEVIATES FROM THESE PLANS AND/OR SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE PROFESSIONAL OF RECORD AND BOHLER FOR ALL DEVIATIONS WITHIN PROFESSIONAL OF RECORD'S SCOPE, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK PERFORMED WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND, FURTHER, MUST DEFEND, INDEMNIFY, PROTECT, AND HOLD HARMLESS THE PROFESSIONAL OF RECORD AND BOHLER PARTIES TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES, COSTS, JUDGMENTS, CLAIMS, INJURIES, PENALTIES AND THE LIKE RELATED TO SAME.
26. THE CONTRACTOR IS RESPONSIBLE FOR A MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND ELEMENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS, FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
27. OWNER MUST MAINTAIN AND PRESERVE ALL PHYSICAL SITE FEATURES AND DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS IN STRICT ACCORDANCE WITH THE APPROVED PLAN(S) AND DESIGN; AND, FURTHER, THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE AND/OR DESIGN FEATURES. IF OWNER FAILS TO MAINTAIN AND/OR PRESERVE ALL PHYSICAL SITE FEATURES AND/OR DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS, OWNER AGREES TO INDEMNIFY AND HOLD THE PROFESSIONAL OF RECORD AND BOHLER PARTIES, HARMLESS FOR ALL INJURIES, DAMAGES AND COSTS THAT PROFESSIONAL OF RECORD AND BOHLER INCUR AS A RESULT OF SAID FAILURE OR FAILURE TO PRESERVE.
28. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES AND MATERIALS COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS, LAWS, ORDINANCES, AND CODES, AND ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 ET SEQ.) AS AMENDED, AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME.
29. THE CONTRACTOR MUST STRICTLY COMPLY WITH THE LATEST AND CURRENT OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION OVER EXCAVATION AND TRENCHING PROCEDURES. PROFESSIONAL OF RECORD AND BOHLER HAS NO RESPONSIBILITY FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES AND WORK.
30. THE CONTRACTOR AND THE OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND IN ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF THE CONTRACTOR AND/OR OWNER FAIL TO DO SO, THEY AGREE TO JOINTLY, INDEPENDENTLY, SEPARATELY, COLLECTIVELY, AND SEVERALLY INDEMNIFY, DEFEND, PROTECT AND HOLD PROFESSIONAL OF RECORD AND BOHLER PARTIES HARMLESS FOR ALL INJURIES AND DAMAGES THAT PROFESSIONAL OF RECORD SUFFERS AND COSTS THAT PROFESSIONAL OF RECORD INCURS AS A RESULT OF SAID FAILURE.
31. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN AN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS OR LOCAL GOVERNING AGENCY FOR SITES WHERE ONE (1) ACRE OR MORE IS DISTURBED BY CONSTRUCTION ACTIVITIES (UNLESS THE LOCAL JURISDICTION REQUIRES A DIFFERENT THRESHOLD). THE CONTRACTOR MUST ENSURE THAT ALL ACTIVITIES, INCLUDING THOSE OF ALL SUBCONTRACTORS, ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING BUT NOT LIMITED TO LOGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES, AS APPROPRIATE AND FURTHER, THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR FAILING TO DO SO.
32. AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED DOCUMENTS PREPARED BY THE PROFESSIONAL OF RECORD AND BOHLER, THE USE OF THE WORDS 'CERTIFY' OR 'CERTIFICATION' CONSTITUTE(S) AN EXPRESSION ONLY OF PROFESSIONAL OPINION REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE PROFESSIONAL OF RECORD'S AND BOHLER KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON AND ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY NATURE OR TYPE, EITHER EXPRESSED OR IMPLIED, UNDER ANY CIRCUMSTANCES.

DEMOLITION NOTES

(Rev. 1/2023)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. THE CONTRACTOR MUST CONDUCT DEMOLITION/REMOVALS ACTIVITIES IN SUCH A MANNER AS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND ALL OTHER ADJACENT FACILITIES. THE CONTRACTOR MUST OBTAIN ALL APPLICABLE PERMITS FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY(IES) PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY.
3. WHEN DEMOLITION-RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY, THE CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL REGULATIONS.
4. THE DEMOLITION (AND/OR REMOVALS) PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION AND TO IDENTIFY ONLY CONDITIONS REGARDING ITEMS TO BE DEMOLISHED, REMOVED, AND/OR TO REMAIN.
   A. THE CONTRACTOR MUST ALSO REVIEW ALL CONSTRUCTION DOCUMENTS AND INCLUDE WITHIN THE DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS.
   B. THIS PLAN IS NOT INTENDED TO AND DOES NOT PROVIDE DIRECTION REGARDING THE MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE EMPLOYED TO ACCOMPLISH THE WORK. ALL MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE AND CONFORMANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR MUST COMPLY WITH ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE FOR THE CONTRACTOR AND THE PUBLIC.
5. THE CONTRACTOR MUST PROVIDE ALL "METHODS AND MEANS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR, AT THE CONTRACTOR'S SOLE COST, MUST REPAIR ALL DAMAGE TO ALL ITEMS AND FEATURES THAT ARE TO REMAIN. CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIRS MUST INCLUDE THE RESTORATION OF ALL ITEMS AND FEATURES REPAIRED TO THEIR PRE-DEMOLITION CONDITION, OR BETTER. CONTRACTOR MUST PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.
6. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. THE CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, COMPLYING WITH ALL OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY AND SAFETY TO ALL PROPERTY ON THE SITE OR ADJACENT OR NEAR TO THE SAME.
7. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY, WHICH MUST INCLUDE, BUT IS NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING, OTHER APPROPRIATE AND/OR NECESSARY SAFETY FEATURES AND ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR MUST SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF ALL UNAUTHORIZED PERSONS AT ANY TIME, TO OR NEAR THE DEMOLITION AREA.
8. PRIOR TO THE COMMENCEMENT OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY, THE CONTRACTOR MUST, IN WRITING, RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS AND/OR SPECIFICATIONS, ALL CONCERNS OR QUESTIONS REGARDING THE APPLICABLE SAFETY STANDARDS, AND/OR THE SAFETY OF THE CONTRACTOR AND/OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT. ANY SUCH CONCERNS MUST BE CONVEYED TO THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING AND MUST ADDRESS ALL ISSUES AND ITEMS RESPONDED TO, BY THE PROFESSIONAL OF RECORD AND BY BOHLER, IN WRITING. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES, REQUIREMENTS, STATUTES, ORDINANCES AND CODES.
9. THE CONTRACTOR MUST BECOME FAMILIAR WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AND/OR DISCONNECTION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED, REMOVED AND/OR ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
10. PRIOR TO COMMENCING ANY DEMOLITION, THE CONTRACTOR MUST:
    A. OBTAIN ALL REQUIRED PERMITS AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE PROFESSIONAL OF RECORD AND ALL PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION WORK.
    B. NOTIFY, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION JURISDICTION, AT LEAST 72 BUSINESS HOURS PRIOR TO THE COMMENCEMENT OF WORK.
    C. INSTALL THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE, AND MAINTAIN SAID CONTROLS UNTIL SITE IS STABILIZED
    D. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARK OUT, IN ADVANCE OF ANY EXCAVATION.
    E. LOCATE AND PROTECT ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL UNDERGROUND UTILITIES.
    F. PROTECT AND MAINTAIN IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ANY DEMOLITION ACTIVITIES.
    G. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT PLANS AND SPECIFICATIONS REGARDING THE METHODS AND MEANS TO CONSTRUCT SAME. THESE ARE NOT THE PROFESSIONAL OF RECORD'S OR BOHLER RESPONSIBILITY. IN THE EVENT OF ABANDONMENT, THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WITH IMMEDIATE WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.
    H. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS NECESSARY OR AS REQUIRED TO MINIMIZE THE IMPACT ON, OF, AND TO THE AFFECTED PARTIES. WORK REQUIRED TO BE PERFORMED "OFF-PEAK" IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
    I. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS OR THE CONTRACT WITH THE OWNER/DEVELOPER, THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK IN THE AREA OF DISCOVERY, AND IMMEDIATELY NOTIFY, IN WRITING AND VERBALLY, THE OWNER, PROFESSIONAL OF RECORD AND BOHLER, THE DISCOVERY OF SUCH MATERIALS TO PURSUE PROPER AND COMPLIANT REMOVAL OF SAME.
11. THE CONTRACTOR MUST NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE, UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, OR PURSUANT TO THE WRITTEN DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.
12. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE OR INCLUDE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT SPECIFIC WRITTEN PERMISSION AND AUTHORITY OF AND FROM THE OWNER AND ALL GOVERNMENTAL AGENCIES WITH JURISDICTION.
13. THE CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL MUST BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT ALL NEW IMPROVEMENTS AND MUST BE PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE ARTICULATED IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES AND MUST BE PERFORMED SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE. THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING AND MUST SUBMIT SUCH REPORTS AND RESULTS TO THE PROFESSIONAL OF RECORD AND THE OWNER.
14. EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT FROM BOTH THE OWNER AND ALL APPLICABLE, NECESSARY AND REQUIRED GOVERNMENTAL AUTHORITIES. PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSEE THE INSTALLATION OF ALL OF THE REQUIRED PERMIT AND EXPLOSIVE CONTROL MEASURES THAT THE FEDERAL, STATE, AND LOCAL GOVERNMENTS REQUIRE. THE CONTRACTOR IS ALSO RESPONSIBLE TO CONDUCT AND PERFORM ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES AND THE LIKE.
15. IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS, THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR. AFTER THE DEMOLITION IS COMPLETE, THE CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS WHICH THE DEMOLITION OPERATIONS CAUSE. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION AT CONTRACTOR'S SOLE COST.
16. PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS OUTSIDE OF APPROVED AREAS WILL NOT BE PERMITTED, INCLUDING BUT NOT LIMITED TO, THE PUBLIC RIGHT-OF-WAY.
17. THE CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS WHICH INDICATES THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK, ALL OF WHICH IS AT THE CONTRACTOR'S SOLE COST.
18. THE CONTRACTOR MUST EMPTY, CLEAN AND REMOVE FROM THE SITE ALL UNDERGROUND STORAGE TANKS, IF ENCOUNTERED, IN ACCORDANCE WITH FEDERAL, STATE, COUNTY AND LOCAL REQUIREMENTS, PRIOR TO CONTINUING CONSTRUCTION IN THE AREA AROUND THE TANK WHICH EMPTYING, CLEANING AND REMOVAL ARE AT THE CONTRACTOR'S SOLE COST.

SOIL EROSION & SEDIMENT CONTROL PLAN NOTES

(Rev. 12/2024)

1. EROSION CONTROL MEASURES MUST CONFORM TO THE PENNSYLVANIA GUIDELINES FOR EROSION AND SEDIMENT CONTROL UNLESS OTHERWISE NOTED, OR UNLESS ENGINEER CLEARLY AND SPECIFICALLY, IN WRITING, DIRECTS OTHERWISE. INSTALLATION OF EROSION CONTROL, CLEARING, AND SITE WORK MUST BE PERFORMED EXACTLY AS INDICATED IN THE EROSION CONTROL CONSTRUCTION NOTES.
2. THE FOLLOWING EROSION CONTROL MEASURES ARE PROPOSED FOR THIS SITE:
   a. STABILIZE CONSTRUCTION ENTRANCE/ EXIT - A TEMPORARY STONE CONSTRUCTION ACCESS IS TO BE INSTALLED AT THE DESIGNATED LOCATION AS SHOWN ON THE PLAN. THIS AREA MUST BE GRADED SO THAT RUNOFF WATER WILL BE RETAINED ON-SITE.
   b. SILT FENCE - INSTALL SILT FENCE(S) AND/OR SILT SOCK(S) AROUND ALL OF THE DOWNSLOPE PERIMETERS OF THE SITE, TEMPORARY FILL AREAS, AND SOIL STOCKPILES.
   c. INLET PROTECTION - IN ORDER TO REDUCE THE POTENTIAL FOR SEDIMENT TO ENTER THE STORMWATER SYSTEM, THE CONTRACTOR SHALL INSTALL INLET PROTECTION AROUND EACH INLET AS DRAINAGE STRUCTURES ARE INSTALLED. INSTALL TEMPORARY INLET PROTECTION ON INLETS DOWNSLOPE FROM DISTURBANCE, WHICH MAY BE BEYOND THE LIMITS OF DISTURBED AREA.
   d. TREE PROTECTION FENCE – THROUGH THE USE OF TREE PROTECTION FENCE, THE CONTRACTOR MUST MARK ALL EXISTING TREES AND SHRUBS WITHIN AND AROUND THE WORK AREA THAT ARE TO REMAIN. THE CONTRACTOR SHALL REFER TO THE TREE PROTECTION FENCE DETAILS HEREIN.
   e. SOIL STOCKPILES – STOCKPILES SHALL BE LIMITED TO 35' MAX. HEIGHT AND SHOULD BE REMOVED OR UTILIZED FOR SITE CONSTRUCTION AS SOON AS PRACTICABLE.
   f. DUST CONTROL –SHOULD EXCESSIVE DUST BE GENERATED, THE CONTRACTOR MUST PROMPTLY USE AND APPLY WATER TO BARE SOIL SURFACES TO ELIMINATE, OR IF NOT POSSIBLE, MINIMIZE, BLOWING DUST.
   g. DEWATERING – THE CONTRACTOR MUST PERFORM DEWATERING IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS AND APPROVED PERMITS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND PAY THE COSTS ASSOCIATED WITH ANY AND ALL NECESSARY DISCHARGE PERMITS ASSOCIATED WITH SAME.
   h. CONSTRUCTION WASTE MATERIAL STORAGE – THE CONTRACTOR MUST LOCATE CONSTRUCTION WASTE MATERIAL STORAGE AREAS TO MINIMIZE EXPOSURE TO STORMWATER. CONTRACTOR MUST IMMEDIATELY PLACE CONSTRUCTION WASTE IN ON-SITE STORAGE CONTAINERS UNTIL THAT CONSTRUCTION WASTE IS READY FOR OFF-SITE DISPOSAL. CONTRACTOR MUST MAINTAIN SPILL PREVENTION & RESPONSE EQUIPMENT AND MAKE SAME CONTINUOUSLY AVAILABLE ON-SITE FOR USE BY CONTRACTOR'S EMPLOYEES WHO MUST BE PROPERLY TRAINED IN THE APPLICATION OF SPILL PREVENTION & RESPONSE PROCEDURES.
3. THE CONTRACTOR MUST INSPECT EROSION CONTROL MEASURES WEEKLY. CONTRACTOR MUST IMMEDIATELY CLEAR ANY SILT GREATER THAN 6" BEHIND THE FILTER FABRIC AND/OR SILT SOCK BARRIERS AND EXCAVATE AND REMOVE ANY SILT FROM DROP INLET PROTECTION.
4. THE TERM 'PERMANENT STABILIZATION' USED THROUGHOUT THIS SEQUENCE IS MEANT TO DESCRIBE THE PROPER PLACING, GRADING, CONSTRUCTING, REINFORCING, LINING, AND COVERING OF SOIL, ROCK, OR EARTH TO ENSURE THEIR PERMANENT RESISTANCE TO EROSION, SLIDING OR OTHER MOVEMENT. FOR AN EARTH DISTURBANCE TO BE PERMANENTLY STABILIZED, THE DISTURBED AREA SHALL BE COVERED WITH ONE OF THE FOLLOWING: A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER, WITH A DENSITY CAPABLE OF RESISTING ACCELERATED EROSION AND SEDIMENTATION; OR AN ACCEPTABLE BMP THAT PERMANENTLY MINIMIZES ACCELERATED EROSION AND SEDIMENTATION.
5. BEFORE INITIATING ANY REVISION TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE CONSERVATION DISTRICT. THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
6. THE CONTRACTOR MUST APPLY TEMPORARY SEED AND MULCH TO ALL DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINISHED GRADE AND VEGETATED WITHIN 7 DAYS. WHEN AREAS ARE DISTURBED AFTER THE GROWING SEASON, THE CONTRACTOR MUST STABILIZE SAME WITH GEOTEXTILE FABRIC AND MAINTAIN SAME IN STRICT ACCORDANCE WITH BEST MANAGEMENT PRACTICES.
7. AS SOON AS SLOPES, CHANNELS, DITCHES, AND OTHER DISTURBED AREAS REACH FINAL GRADE, THEY MUST BE STABILIZED. WHEN FINAL GRADE IS ACHIEVED DURING NON-GERMINATING MONTHS, THE AREA SHOULD BE MULCHED UNTIL THE BEGINNING OF THE NEXT PLANTING SEASON. AS DISTURBED AREAS WITHIN A PROJECT APPROACH FINAL GRADE, PREPARATIONS SHOULD BE MADE FOR SEEDING AND MULCHING TO BEGIN (I.E., ANTICIPATE THE COMPLETION DATE AND SCHEDULE THE SEEDER). IN NO CASE SHOULD AN AREA EXCEEDING 15,000 SQUARE FEET, WHICH IS TO BE STABILIZED BY VEGETATION, REACH FINAL GRADE WITHOUT BEING SEEDED AND MULCHED. WAITING UNTIL EARTHMOVING IS COMPLETED BEFORE MAKING PREPARATIONS FOR SEEDING AND MULCHING IS NOT ACCEPTABLE. SEEDING AND MULCHING REQUIREMENTS ARE SPECIFIED HEREIN.
8. ONCE AREAS HAVE REACHED PERMANENT STABILIZATION AND PRIOR TO DEMOBILIZATION, THE CONTRACTOR MUST REMOVE ALL TEMPORARY EROSION CONTROL MEASURES, AND ANY ACCUMULATED SILT OR DEBRIS.
9. THE CONTRACTOR MUST CLEAN EXISTING AND PROPOSED DRAINAGE STRUCTURES AND INTERCONNECTING PIPES ON OR OFF-SITE AS THE JURISDICTIONAL AGENCY REQUIRES, BOTH AT THE TIME OF SITE STABILIZATION AND AT END OF PROJECT.
10. A SITE CONSTRUCTION SEQUENCE IS PROVIDED AS A GUIDE FOR THE CONTRACTOR DURING CONSTRUCTION. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR MUST REVIEW THE SEQUENCE, AND ANY REQUESTED CHANGES AND THOSE REQUESTED CHANGES MUST BE REVIEWED AND APPROVED BY THE JURISDICTIONAL AGENCY.
11. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN AND CONTRACTOR MUST REFER TO THEM. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
12. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S RECOMMENDATIONS.
13. CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF ENGINEER OR JURISDICTIONAL AGENCY SO REQUIRES, TO PREVENT THE DISCHARGE OF SEDIMENT LADEN RUNOFF FROM EXITING THE SITE.
14. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT STABILIZATION IS ESTABLISHED UNLESS INDICATED OTHERWISE IN LOCAL, STATE AND/OR FEDERAL PROJECT APPROVALS. THE COST OF INSTALLING AND MAINTAINING THE EROSION CONTROL MEASURES MUST BE INCLUDED IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS RESPONSIBLE FOR ALL SUCH COSTS.

GRADING NOTES

(Rev. 1/2023)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AS REFERENCED IN THIS PLAN SET. IF NO GEOTECHNICAL REPORT HAS BEEN REFERENCED, THE CONTRACTOR MUST HAVE A GEOTECHNICAL ENGINEER PROVIDE WRITTEN SPECIFICATIONS AND RECOMMENDATIONS PRIOR TO THE CONTRACTOR COMMENCING THE GRADING WORK. THE CONTRACTOR MUST FOLLOW THE REQUIREMENTS OF ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS, WHICH HAVE JURISDICTION OVER THIS PROJECT.
3. THE CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. THE CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO THE PROFESSIONAL OF RECORD, BOHLER AND THE OWNER PRIOR TO THE CONTRACTOR COMMENCING ANY WORK.
4. THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. SHOULD DISCREPANCIES BETWEEN THE PLANS AND INFORMATION OBTAINED THROUGH FIELD VERIFICATIONS BE IDENTIFIED OR EXIST, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ALL UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR MUST COMPACT ALL EXCAVATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT'S GUIDANCE. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. THIS REPORT MUST VERIFY THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES WHICH ARE IN EFFECT AND WHICH ARE APPLICABLE TO THE PROJECT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER/DEVELOPER, OR OWNER/DEVELOPER'S REPRESENTATIVE, SUBBASE MUST BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED AS THE GEOTECHNICAL REPORT DIRECTS. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO.
6. IN THE EVENT OF A DISCREPANCY(IES) AND/OR A CONFLICT(S) BETWEEN PLANS, OR RELATIVE TO OTHER PLANS, THE GRADING PLAN TAKES PRECEDENCE AND CONTROLS. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, OF ANY DISCREPANCY(IES) AND/OR CONFLICT(S).
7. THE CONTRACTOR IS RESPONSIBLE TO IMPORT FILL OR EXPORT EXCESS MATERIAL AS NECESSARY TO CONFORM TO THE PROPOSED GRADING, AND TO BACKFILL EXCAVATIONS FOR THE INSTALLATION OF UNDERGROUND IMPROVEMENTS.

ACCESSIBILITY DESIGN GUIDELINES

(Rev. 1/2023)

1. ALL ACCESSIBLE (A.K.A. ADA) COMPONENTS AND ACCESSIBLE ROUTES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF: (A) THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.); AND (B) ANY APPLICABLE LOCAL AND STATE GUIDELINES, AND ANY AND ALL AMENDMENTS TO BOTH, WHICH ARE IN EFFECT WHEN THESE PLANS WERE COMPLETED.
2. THE CONTRACTOR MUST REVIEW ALL DOCUMENTS REFERENCED IN THESE NOTES FOR ACCURACY, COMPLIANCE AND CONSISTENCY WITH INDUSTRY GUIDELINES.
3. THE CONTRACTOR MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ACCESSIBLE (ADA) COMPONENTS AND ACCESSIBLE ROUTES FOR THE SITE. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACES, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, AND INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT, MUST COMPLY WITH THE ACCESSIBLE GUIDELINES AND REQUIREMENTS WHICH INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
   A. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SLOPES MUST NOT EXCEED 1:50 (2.0%) IN ANY DIRECTION.
   B. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCHES MINIMUM WIDTH (48-INCHES PREFERRED), OR AS SPECIFIED BY THE GOVERNING AGENCY. UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS) MUST NOT REDUCE THIS MINIMUM WIDTH. THE SLOPE MUST NOT EXCEED 1:20 (5.0%) IN THE DIRECTION OF TRAVEL AND MUST NOT EXCEED 1:50 (2.0%) IN CROSS SLOPE. WHERE ACCESSIBLE PATH OF TRAVEL IS GREATER THAN 1:20 (5.0%), AN ACCESSIBLE RAMP MUST BE PROVIDED. ALONG THE ACCESSIBLE PATH OF TRAVEL, OPENINGS MUST NOT EXCEED 1/2-INCH IN WIDTH. VERTICAL CHANGES OF UP TO 1/4-INCH ARE PERMITTED ONLY IF THEY INCLUDES A 1/4-INCH BEVEL AT A SLOPE NOT STEEPER THAN 1:2. NO VERTICAL CHANGES OVER 1/4-INCH ARE PERMITTED.
   C. ACCESSIBLE RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%) AND A RISE OF 30-INCHES. LEVEL LANDINGS MUST BE PROVIDED AT EACH END OF ACCESSIBLE RAMPS. LANDING MUST PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES, AND MUST NOT EXCEED 1:50 (2.0%) SLOPE IN ANY DIRECTION. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS MUST HAVE A CLEAR LANDING OF A MINIMUM OF 60-INCHES BY 60-INCHES. HAND RAILS ON BOTH SIDES OF THE RAMP MUST BE PROVIDED ON AN ACCESSIBLE RAMP WITH A RISE GREATER THAN 6-INCHES.
   D. ACCESSIBLE CURB RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%). WHERE FLARED SIDES ARE PROVIDED, THEY MUST NOT EXCEED 1:10 (10%) SLOPE. LEVEL LANDING MUST BE PROVIDED AT RAMPS TOP AT A MINIMUM OF 36-INCHES LONG (48-INCHES PREFERRED). IN ALTERATIONS, WHEN THERE IS NO LANDING AT THE TOP, FLARE SIDES SLOPES MUST NOT EXCEED A SLOPE OF 1:12 (8.3%).
   E. DOORWAY LANDINGS AREAS MUST BE PROVIDED ON THE EXTERIOR SIDE OF ANY DOOR LEADING TO AN ACCESSIBLE PATH OF TRAVEL. THIS LANDING MUST BE SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO FEWER THAN 60-INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE CLEARLY PERMITTED BY ACCESSIBLE STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2009 AND OTHER REFERENCES INCORPORATED BY CODE).
   F. WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF OR TO ACCESSIBLE COMPONENTS FROM EXISTING DOORWAYS OR SURFACES, THE CONTRACTOR MUST VERIFY ALL EXISTING ELEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES, IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR IN ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS BEFORE COMMENCING ANY WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ACCESSIBLE GUIDELINES.
   G. THE CONTRACTOR MUST VERIFY ALL OF THE SLOPES OF THE CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-CONFORMANCE EXISTS OR IS OBSERVED OR DISCOVERED, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, PRIOR TO POURING CONCRETE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND/OR REPLACE NON-CONFORMING CONCRETE AND/OR PAVEMENT SURFACES.
4. IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION TO ENSURE SAME IS CONSISTENT WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCING CONSTRUCTION.

DRAINAGE AND UTILITY NOTES

(Rev. 3/2023)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE, AND THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM THOSE LOCATIONS AND SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY CONSTRUCTION OR EXCAVATION. THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM ALL SANITARY CONNECTION POINTS AND ALL OTHER UTILITY SERVICE CONNECTION POINTS IN THE FIELD, PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR MUST REPORT ALL DISCREPANCIES, ERRORS AND OMISSIONS IN WRITING, TO THE PROFESSIONAL OF RECORD AND BOHLER.
3. THE CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL OF THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION, AT NO COST TO THE OWNER AND AT CONTRACTOR'S SOLE COST AND EXPENSE. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION.
4. THE CONTRACTOR MUST FIELD VERIFY THE PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES BY USING A TEST PIT TO CONFIRM EXACT DEPTH, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS, SIZE, AND MATERIAL OF SAME BASED UPON FINAL ARCHITECTURAL PLANS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SITE PLAN DOCUMENTS AND ARCHITECTURAL PLANS FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS; GREASE TRAP REQUIREMENTS; AND DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITY SERVICES WITH THE INDIVIDUAL COMPANIES TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS OF THE APPLICABLE JURISDICTION AND REGULATORY AGENCIES AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE DOCUMENTS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, AND PRIOR TO CONSTRUCTION, MUST RESOLVE SAME.
7. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE EXACTLY AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND THE CONTRACTOR MUST COORDINATE SAME WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST COMPLY WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR DESIGN OF TRENCH BACKFILL OR FOR COMPACTION REQUIREMENTS
8. DURING THE INSTALLATION OF SANITARY, STORM, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE, IN ANY RESPECT, FROM THE INFORMATION CONTAINED IN THESE PLANS. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE APPROPRIATE PLAN(S), WHICH THE CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER IMMEDIATELY UPON THE COMPLETION OF WORK.
9. THE CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SANITARY, WATER AND STORM SYSTEMS, ARE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND OR STATE DOT DETAILS AS APPLICABLE. THE CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE AGENCY WITH JURISDICTION OVER SAME.
10. FINAL LOCATIONS OF PROPOSED UTILITY POLES, AND/ OR POLES TO BE RELOCATED ARE AT THE SOLE DISCRETION OF THE RESPECTIVE UTILITY COMPANY, REGARDLESS OF WHAT THIS PLAN DEPICTS.
11. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. THE CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION.
12. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED FINISHED GRADES WITH NO TRIPPING OR SAFETY HAZARD IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.

OUTSIDE SOURCE NOTES

(Rev. 11/2023)

ANY INFORMATION, DRAWINGS, DATA, PLANS, SPECIFICATIONS, MATERIALS, FIGURES, DOCUMENTATION, REPORTS, AND THE LIKE WHICH IS INDICATED TO HAVE BEEN PREPARED "BY OTHERS" (HEREIN, "BY OTHERS REPORTS, DOCUMENTS AND DETAILS") HAS BEEN OR WILL BE CREATED, DEVELOPED, PREPARED, PERFORMED, AND ANALYZED BY AN ENTITY OR PARTY OTHER THAN THE "BOHLER" ENTITY INVOLVED WITH THIS PROJECT. THE "BOHLER" ENTITY IS NOT IN ANY WAY RESPONSIBLE FOR THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS EVEN IF/WHERE INCLUDED IN THE "BOHLER" ENTITY'S PLANS, REPORTS, ETC. SAME HAS BEEN INCLUDED ON THIS PLAN FOR THE CONVENIENCE, ONLY, OF THE PROJECT OWNER, DEVELOPERS, CONTRACTORS AND CONSULTANTS AND IN ORDER TO COORDINATE THE "BOHLER" ENTITY'S DESIGN WITH THAT OF "OTHERS". THE "BOHLER" ENTITY HAS ASSUMED, FOR PURPOSES OF THIS PLAN, THAT THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS ARE CURRENT AND, IF APPLICABLE, PREPARED IN STRICT ACCORDANCE WITH ALL APPLICABLE COUNTY, STATE, FEDERAL AND OTHER STATUTES, LAWS, RULES, REGULATIONS, ORDINANCES AND THE LIKE. THE "BOHLER" ENTITY SPECIFICALLY DISCLAIMS ANY AND ALL LIABILITY AND RESPONSIBILITY FOR BY OTHERS REPORTS, DOCUMENTS AND DETAILS. THE ENTITY OR PERSON WHO CREATED THE INFORMATION CONTAINED IN THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS (EXCLUDING INFORMATION AND/OR DETAILS SOLELY SUPPLIED BY A JURISDICTION AND/OR GOVERNING BODY) AGREES BY PARTICIPATING IN THIS PROJECT, RECEIVING, REVIEWING, USING AND/OR RELYING UPON THIS DOCUMENT, AND/OR BY AGREEING TO THE PROJECT OWNER/DEVELOPER'S CONTRACT DOCUMENTS, TO DEFEND, INDEMNIFY, PROTECT AND HOLD HARMLESS THE "BOHLER" ENTITY THAT PREPARED THIS DOCUMENT AND ITS EMPLOYEES FOR ANY AND ALL DAMAGES, INJURIES, COSTS, EXPENSES AND THE LIKE, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, WHICH THE "BOHLER" ENTITY AND/OR ITS EMPLOYEES SUFFER OR INCUR AS A RESULT OF INCLUDING ANY BY OTHERS REPORTS, DOCUMENTS AND DETAILS IN AND ON OR IN THIS PLAN. ANYONE OR ANY ENTITY WHO RECEIVED, RELIES UPON AND/OR USES THIS PLAN, AGREES TO HOLD THE "BOHLER" ENTITY AND ITS EMPLOYEES HARMLESS FROM ANY CLAIMS, DAMAGES, INJURIES, COSTS AND EXPENSES, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR ANY DAMAGES, INJURIES, COSTS, EXPENSES AND THE LIKE, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, WHICH IT OR THEY SUFFER OR INCUR AS A RESULT OF THE ANY BY OTHERS REPORTS, DOCUMENTS AND DETAILS INCORPORATED IN THE PLAN, AND EXPRESSLY CONFIRMS THAT BY RECEIVING, REVIEWING AND/OR USING SAME, THE "BOHLER" ENTITY SHALL HAVE NO LIABILITY RELATED TO SAME. WITH RESPECT TO ALL BY OTHERS REPORTS, DOCUMENTS AND DETAILS, CONTRACTOR MUST VERIFY ALL INFORMATION CONTAINED IN THE SCOPE OF ALL PARTIES INVOLVED IN PREPARING THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS PRIOR TO COMMENCING ANY CONSTRUCTION AND MUST VERIFY THAT THE INFORMATION IS THE LATEST, THE MOST RECENT AND THE MOST CURRENT REPORT, DOCUMENT AND DETAIL. REFERENCES ON THIS PLAN TO INFORMATION PREPARED OR CONTAINED IN BY OTHERS REPORTS, DOCUMENTS AND DETAILS DEPICTING AN OFF-SITE AREA WHERE NO DETAIL IS INCLUDED IS A REFERENCE TO AN AREA, DETAIL, SPECIFICATION OR DESIGN THAT HAS NOT BEEN DESIGNED OR CONSTRUCTED BY THE "BOHLER" ENTITY AND REGARDING WHICH THE "BOHLER" ENTITY HAS NO CONTROL OVER OR LIABILITY REGARDING, BUT IS ADDED TO THIS PLAN FOR INFORMATIONAL PURPOSES, ONLY.

SITE LAYOUT NOTES

(Rev. 1/2020)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. PRIOR TO THE COMMENCEMENT OF GENERAL CONSTRUCTION, THE CONTRACTOR MUST INSTALL SOIL EROSION CONTROL AND ANY STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES NECESSARY, AS INDICATED ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN AND IN ACCORDANCE WITH APPLICABLE AND/OR APPROPRIATE AGENCIES' GUIDELINES TO PREVENT SEDIMENT AND/OR LOOSE DEBRIS FROM WASHING ONTO ADJACENT PROPERTIES OR THE RIGHT OF WAY.
3. ALL DIRECTIONAL/TRAFFIC SIGNING AND PAVEMENT STRIPING MUST CONFORM TO THE LATEST STANDARDS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY APPLICABLE STATE OR LOCALLY APPROVED SUPPLEMENTS, GUIDELINES, RULES, REGULATIONS, STANDARDS AND THE LIKE.
4. THE LOCATIONS OF PROPOSED UTILITY POLES AND TRAFFIC SIGNS SHOWN ON THE PLANS ARE SCHEMATIC AND PRELIMINARY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING THEIR LOCATION. THE CONTRACTOR MUST COORDINATE THE RELOCATION OF TRAFFIC SIGNS WITH THE ENTITY WITH JURISDICTION OVER THE PROJECT.
5. ALL DIMENSIONS SHOWN ARE TO BOTTOM FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, EXCEPT WHEN DIMENSION IS TO A PROPERTY LINE, STAKE OUT OF LOCATIONS OF INLETS, LIGHT POLES, ETC. MUST BE PERFORMED IN STRICT ACCORDANCE WITH THE DETAILS, UNLESS NOTED CLEARLY OTHERWISE.

STANDARD ABBREVIATIONS

FOR ENTIRE PLAN SET

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC	ACRE / ACRES
AD	AREA DRAIN
ADA	ACCESSIBLE / AMERICANS WITH DISABILITIES ACT
AG	ABOVE GROUND
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ASSF	AREA SUBJECT TO STORMWATER FLOWAGE
ASSOC	ASSOCIATION
BC	BOTTOM OF CURB
BF	BASEMENT FLOOR
BIO	BIOGARDEN
BIT	BITUMINOUS
BK	BLOCK
BL	BASELINE
BLDG	BUILDING
BM	BENCH MARK
BRL	BUILDING RESTRICTION LINE
BVW	BORDERING VEGETATIVE WETLAND
CB	CATCH BASIN
CF	CUBIC FEET
CI	CURB INLET
CIT	CHANGE IN TYPE
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
C/O	CLEAN OUT
CONC	CONCRETE
CONN	CONNECTION
COORD	COORDINATE
CPP	CORRUGATED PLASTIC PIPE
CY	CUBIC YARD
DEC	DECORATIVE
DEP	DEPARTMENT OF ENVIRONMENTAL PROTECTION
DET	DETENTION
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DOM	DOMESTIC
DOT	DEPARTMENT OF TRANSPORTATION
DP	DESIGN POINT
DWL	DASHED WHITE LINE
DYL	DOUBLE YELLOW LINE
EG	EXISTING GRADE
ELEC	ELECTRIC
ELEV	ELEVATION
EOR	ENGINEER OF RECORD
EP / EOP	EDGE OF PAVEMENT
ES / EOS	EDGE OF SHOULDER
EW	END WALL
EX	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FES	FLARED END SECTION
FF	FINISH / FIRST FLOOR
FFE	FINISH / FIRST FLOOR ELEVATION
FG	FINISH GRADE
FH	FIRE HYDRANT
FM	FORCE MAIN
FO	FIBER OPTIC
G	GRADE
GC	GENERAL CONTRACTOR
GEO	GEOTECH/GEOTECHNICAL
GF / GFE	GARAGE FLOOR ELEVATION (AT DOOR)
GFA	GROSS FLOOR AREA
GH	GRADE HIGH (WALL)
GL	GRADE LOW (WALL)
GRT	GRATE
GT	GREASE TRAP
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HOR	HORIZONTAL
HP	HIGH POINT
HW	HEADWALL
ICS	INLET CONTROL STRUCTURE
INF	INFILTRATION
INT	INTERSECTION
INV	INVERT
LF	LINEAR FOOT
LOC	LIMIT OF CLEARING
LOD	LIMIT OF DISTURBANCE
LOS	LINE OF SIGHT
LOW	LIMIT OF WORK
LP	LOW POINT
LS	LANDSCAPE

LSA	LANDSCAPE AREA
MAX	MAXIMUM
ME	MATCH EXISTING
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NRCS	NATIONAL RESOURCE CONSERVATION SERVICE
O&M	OPERATIONS AND MAINTENANCE
OC	ON CENTER
OCS	OUTLET CONTROL STRUCTURE
OGS	OIL AND GRIT SEPARATOR
ORD	ORDINANCE
PA / POA	POINT OF ANALYSIS
PC	POINT OF CURVATURE
PCCR	POINT OF CURVATURE, CURB RETURN
PERF	PERFORATED
PG	PROPOSED GRADE
PI	POINT OF INTERSECTION
POG	POINT OF GRADE
PP	POLYPROPYLENE PIPE
PROP	PROPOSED
PT	POINT OF TANGENCY
PTCR	POINT OF TANGENCY, CURB RETURN
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS / RADII
R/W	RIGHT-OF-WAY / RIGHTS-OF-WAY
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REGS	REGULATIONS
RELO	TO BE RELOCATED
REQ	REQUIRED
RET	RETENTION
RET WALL	RETAINING WALL
RETO	TO BE RETURNED TO OWNER
RG	RAIN GARDEN
S	SLOPE
SAN	SANITARY SEWER
SESC	SOIL EROSION AND SEDIMENT CONTROL
SF	SQUARE FEET
SHLO	STATE HIGHWAY LAYOUT
SMH	SANITARY MANHOLE
STA	STATION
STM	STORM WATER / STORM SEWER
SWL	SINGLE/SOLID WHITE LINE
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TBA	TO BE ABANDONED
TBR	TO BE REMOVED
TBV	TO BE VACATED
TC	TOP OF CURB
Tc	TIME OF CONCENTRATION
TD	TRENCH DRAIN
TELE	TELECOMMUNICATIONS / TELEDATA
TPF	TREE PROTECTION FENCE
TR	TO REMAIN
TRANS	TRANSITION
TYP	TYPICAL
UG	UNDERGROUND
UP	UTILITY POLE
USGS	UNITED STATES GEOLOGICAL SURVEY
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WIDE / WIDTH
W/L	WATER LINE
WM	WATER METER
WQU	WATER QUALITY UNIT
YD	YARD DRAIN
#	NUMBER
#:#	SLOPE EXPRESSED IN HORIZONTAL:VERTICAL IN FEET
±	PLUS OR MINUS
°	DEGREE
Ø	DIAMETER
'	FEET/FOOT
"	INCHES

PROP LINE LEGEND

PROPERTY LINE	
RIGHT-OF-WAY LINE	
INTERIOR PROPERTY LINE	
LEASE LINE	
EASEMENT LINE	
SETBACK LINE	
LIMIT OF WORK	LOW
LIMIT OF DISTURBANCE	LOD
SAWCUT LINE	
OVERHEAD WIRE	OH
ELECTRIC LINE	E
TELEPHONE LINE	T
CABLE LINE	C
GAS LINE	G
STORM SEWER	
SANITARY MAIN 12" OR GREATER	
SANITARY MAIN	S
SANITARY LATERAL	SL
SANITARY FORCE MAIN	FM
WATER MAIN 12" OR GREATER	
WATER MAIN	W
WATER LATERAL	WL
WATER FIRE LINE	F

PROP SYMBOL LEGEND

TYPICAL SIGN	
TYPICAL BOLLARD	
UTILITY POLE WITH LIGHT	
UTILITY POLE	
TYPICAL LIGHT	
WATER HYDRANT	
CLEANOUT	C/O
SANITARY MANHOLE	S
STORM MANHOLE	D
WATER METER	WM
WATER VALVE	
GAS VALVE	GV
TEST PIT	T-#
BORING	B-#

REFER TO OVERALL SITE PLAN FOR ZONING ANALYSIS TABLE AND LAND USE / ZONING INFORMATION & NOTES

GENERAL NOTES SHEET

REVISIONS	BY

BOHLER //
4999 LOUISE DRIVE, SUITE 200
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www.BohlerEngineering.com

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SUPERCENTER 02023.0251
1355 EAST LEHMAN STREET
LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	NS-1



REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION (SHEET NS-1)

50 25 12.5 0 50
1"= 50'

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTE:
THIS SITE PLAN WAS DEVELOPED BASED ON PLANS REFERENCED ON SHEET COV-1 AND SUPPLEMENTED WITH NEARMAP AERAIL IMAGERY AND A SITE VISIT ON 11/05/2025. DEPICTION OF EXTENTS OF EXISTING FEATURES ARE APPROXIMATE. ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

EXISTING CONDITIONS PLAN

REVISIONS	BY

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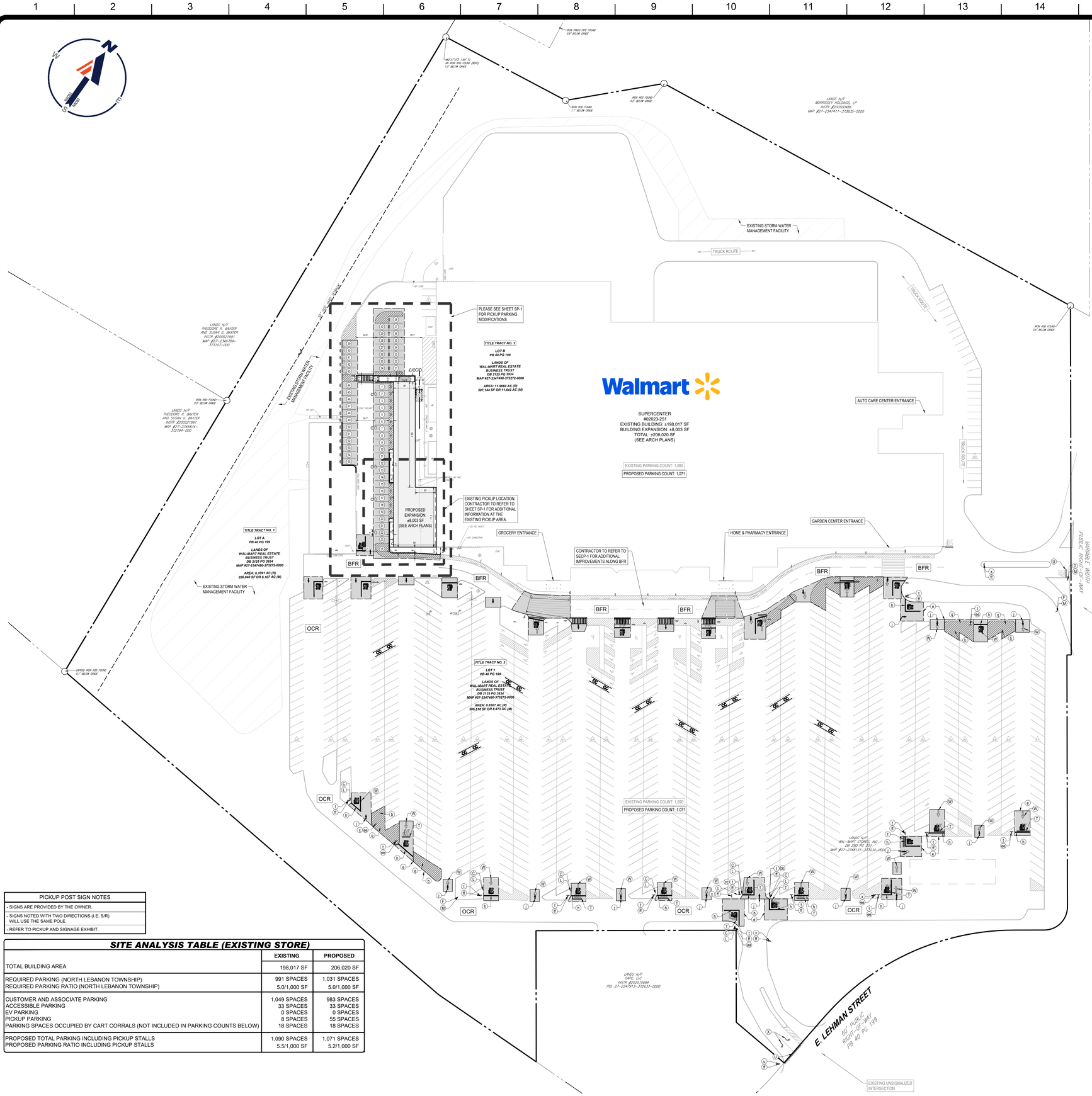
SUPERCENTER 02023.0251
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SHEET	EC-1

P:\PA\2025\PAC250150.00\CAD\DRAWINGS\PLAN SETS\STORE ENTRANCE CONSISTENCY PROGRAM\P-SECP-PROP-PAC250150.00-0A.DWG PRINTED BY: RESPINA 7.08.26 @ 11:33 AM LAST SAVED BY: RESPINA



SITE AND DEMOLITION LEGEND

NOTE TO CONTRACTOR: FOR PROPOSED SIGNAGE AND STRIPING IDENTIFIED ON THIS PLAN, CONTRACTOR MUST REFERENCE STOP SIGNS AND MARKINGS DETAIL SHEET AND INSTALL ALL STRIPING AND SIGNAGE TO THE DIMENSIONS SHOWN ON THE DETAILS. NOTIFY ENGINEER IMMEDIATELY, IN WRITING, OF ANY CONFLICTS THAT MAY BE PRESENT, AS REQUIRED TO PROVIDE THE MINIMUM DIMENSIONS REQUIRED.

- (A) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED.
- (B) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMAIN / BE REUSED.
- (C) EXISTING STOP SIGN TO BE REMOVED.
- (D) EXISTING STOP SIGN TO REMAIN / BE REUSED.
- (E) EXISTING STOP SIGN TO BE RAISED / RELOCATED TO MATCH CURRENT DETAILS / GUIDELINES.
- (F) EXISTING MISCELLANEOUS TRAFFIC AND/OR INFORMATION SIGN TO REMAIN / BE REUSED.
- (G) EXISTING NO PARKING FIRE LANE SIGN TO REMAIN / BE REUSED.
- (H) EXISTING PICKUP WAY FINDING SIGN TO BE REMAIN / BE REUSED.
- (J) EXISTING PICKUP SIGN TO REMAIN / BE REUSED.
- (K) EXISTING "DO NOT ENTER" SIGN TO REMAIN / BE REUSED.
- (L) EXISTING SIGN POST AND BASE TO BE REMOVED.
- (M) EXISTING SIGN POST AND BASE TO REMAIN.
- (N) EXISTING SIGN POST BOLLARD TO BE REPAINTED.
- (P) EXISTING CROSSWALK STRIPING TO BE REMOVED.
- (Q) EXISTING CROSSWALK TO REMAIN / BE REFRESHED.
- (R) EXISTING YIELD PAVEMENT MARKING TO BE REMOVED.
- (S) EXISTING CENTERLINE STRIPING TO REMAIN / BE REFRESHED.
- (T) EXISTING STOP BAR / STOP PAVEMENT MARKING TO BE REMOVED.
- (U) EXISTING STOP PAVEMENT MARKINGS, "STOP" PAVEMENT MARKING AND/OR "ONLY" PAVEMENT MARKING TO BE REVISED / REFRESHED TO MATCH CURRENT DETAILS.
- (V) EXISTING 4" WIDE DOUBLE YELLOW AND/OR SINGLE WHITE STRIPE TO REMAIN / BE REFRESHED.
- (W) EXISTING ARROW PAVEMENT MARKING TO BE REMOVED.
- (X) EXISTING OPEN ARROW PAVEMENT MARKING TO BE REVISED / REFRESHED TO MATCH CURRENT DETAILS.
- (Y) EXISTING SOLID ARROW PAVEMENT MARKING TO BE REVISED / REFRESHED TO MATCH CURRENT DETAILS.
- (Z) EXISTING FIRE LANE STRIPING AND/OR YELLOW STRIPING TO REMAIN / BE REFRESHED.
- (a) EXISTING PICKUP GRAPHIC AND ORANGE ARROW PAVEMENT MARKING TO BE REMOVED.
- (b) EXISTING STRIPING TO BE REMOVED.
- (d) EXISTING 4" WIDE PAINTED YELLOW STRIPES AT 45° @ 2'-0" OC TO REMAIN / BE REFRESHED.
- (e) LIMITS OF SEAL COAT. APPLY SEAL COAT OVER WHERE STRIPING AND PAVEMENT MARKINGS WERE REMOVED AND WHERE NEW STRIPING AND PAVEMENT MARKINGS WILL BE APPLIED. APPLY NEW STRIPING AND PAVEMENT MARKINGS OVER SEAL COAT.
- (f) NEW CROSSWALK MARKINGS - 6" WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" OC AND (1)-6" WHITE STRIPE PERPENDICULAR ON BOTH ENDS UNLESS NOTED OTHERWISE. SEE SITE PLAN FOR DIMENSIONS. ENTIRE CROSSWALK SHALL BE RE-STRIPED.
- (g) NEW 4" WIDE PAINTED YELLOW STRIPES - 6' LONG WITH 18' GAPS.
- (h) NEW "STOP" PAVEMENT MARKING AND STOP BAR AND/OR "ONLY" PAVEMENT MARKING.
- (i) NEW 4" WIDE DOUBLE SOLID YELLOW STRIPE AND/OR SINGLE WHITE STRIPE.
- (j) NEW OPEN ARROW PAVEMENT MARKINGS.
- (m) NEW SOLID ARROW PAVEMENT MARKING.
- (n) NEW 6" WIDE FIRE LANE STRIPING PAINTED TRAFFIC RED W/ "NO PARKING FIRE LANE" PAINTED WITH 4" HIGH WHITE LETTERING AT 25' OC.
- (q) NEW 4" WIDE PAINTED YELLOW STRIPES AT 45° @ 2'-0" OC.
- (r) NEW "STOP HERE FOR PEDESTRIANS" SIGN. (4'X9' FROM EDGE OF DRIVE AISLE. SEE DETAILS)
- (t) NEW 30"X30" STOP SIGN. (4' FROM EDGE OF DRIVE AISLE. SEE DETAILS)
- (u) NEW 36"X36" STOP SIGN WITH DOUBLE SIGN MOUNTING, BREAK AWAY POSTS, AND BASES. (6' FROM EDGE OF DRIVE AISLE. SEE DETAILS)
- (w) NEW NO PARKING FIRE LANE SIGN SIGN.
- (x) NEW PICKUP SIGN. (3' FROM EDGE OF CURB. SEE DETAILS)
- (y) NEW 24" X 24" DO NOT ENTER SIGN.
- (z) NEW ALL WAY PLAQUE.
- (aa) NEW TRAFFIC FROM RIGHT DOES NOT STOP PLAQUE.
- (bb) NEW TRAFFIC FROM THE LEFT DOES NOT STOP PLAQUE.
- (cc) NEW ONCOMING TRAFFIC DOES NOT STOP PLAQUE.
- (dd) NEW CROSS TRAFFIC DOES NOT STOP PLAQUE.
- (ee) NEW SIGN MOUNTING AND BASE WITH BOLLARD.
- (ff) NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.
- (hh) NEW PHARMACY PAVEMENT MARKING.
- (ii) LANDSCAPING / VEGETATION SIGNAGE OBSTRUCTION. SEE NOTES TO CONTRACTOR, #10.

NOTES TO CONTRACTOR:

1. BFR (BUILDING FRONTAGE ROAD)
   OCR (OUTER CIRCULATION ROAD)
   SSM (STOP SIGNS AND MARKINGS)
   SECP (STORE ENTRANCE CONSISTENCY PROGRAM)
2. THE STOP SIGNS AND MARKINGS PLAN IS NOT A SCALABLE DRAWING FOR SIGNAGE AND PAVEMENT MARKING PLACEMENT. CONTRACTOR SHALL REFER TO THE DETAILS FOR CORRECT PLACEMENT OF SIGNAGE AND PAVEMENT MARKINGS.
3. REFERENCE SECP SITE PLAN FOR SITE SPECIFIC DIMENSIONS OF CROSSWALK STRIPING AND LOCATION OF SIGNAGE.
4. PROVIDE A COMPREHENSIVE CONSTRUCTION PHASING PLAN FOR THIS WORK TO THE STORE MANAGER 7 DAYS PRIOR TO STARTING ANY WORK. INCLUDE DATES, TIMES, AND DURATION OF LANE CLOSURES, TEMPORARY VEHICLE AND PEDESTRIAN TRAFFIC CONTROL MEASURES.
5. ALL EXISTING STRIPING AND PAVEMENT MARKINGS ALONG THE BFR SHALL BE REMOVED. REMOVE ANY DIRECTIONAL ARROWS OR STOP BARS/PAVEMENT MARKINGS THAT ARE NOT CORRECTLY LOCATED OR INCONSISTENT WITH THE DETAILS PROVIDED. APPLY SEAL COAT TO THE COMPLETE EXTENT THAT THE STRIPING OR PAVEMENT MARKING HAS BEEN REMOVED IN A SINGLE COMPLETE RECTANGLE TO COVER ALL REMOVED STRIPING (DO NOT APPLY SEAL COAT OVER EXISTING STRIPING OR CONCRETE). INSTALL NEW STRIPING AND SIGNAGE AS SHOWN ON THE SSM AND SECP SITE PLANS.
6. ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR SHALL BE INSTALLED ON A SINGLE POST WITH BOLLARD.
7. GENERAL CONTRACTOR TO PREPARE AND REPAINT PARKING LOT LIGHT POLE BASES AND REMOVE PREVIOUS OVERSPRAY ON PAVEMENT. IF LIGHT POLE BASE IS WITHIN A RAISED CURB AND OFFSET FROM BACK OF CURB (OR CONCRETE BUFFER) BY 3 FEET OR LESS, THE BASE SHALL BE PAINTED/REPAINTED. IF THE LIGHT POLE BASE IS OFFSET FROM BACK OF CURB (OR CONCRETE BUFFER) BY MORE THAN 3 FEET, THE BASE SHALL NOT BE PAINTED UNLESS IT IS ALREADY PAINTED IN EXISTING CONDITIONS. EXPOSED CONCRETE LIGHT POLE BASES SHALL BE PAINTED TRAFFIC YELLOW. ANCHOR BOLT COVERS TO BE REPLACED IF REQUIRED.
8. GENERAL CONTRACTOR TO EXECUTE COMPLETE PARKING LOT RESTRIPING. STRIPE/REFRESH ALL EXISTING PARKING FIELDS (MAIN, SIDES, OR REAR OF STORE, AND FUEL STATION).
9. GENERAL CONTRACTOR TO PREPARE AND REPAINT EXISTING SIGN POST BOLLARDS AND REMOVE PREVIOUS OVERSPRAY ON PAVEMENT.
10. ANY LANDSCAPING OR VEGETATION THAT OBSTRUCTS THE VIEW OF SIGNAGE, MARKINGS, OR VEHICULAR/PEDESTRIAN TRAFFIC SHOULD BE SELECTIVELY TRIMMED. ALL SIGNAGE MUST HAVE A CLEAR LINE OF SIGHT.
    - TREE PRUNING SHALL BE PREFORMED BY A QUALIFIED TREE CARE PROFESSIONAL UNDER THE SUPERVISION OF CERTIFIED ARBORIST AND IN COORDINATION WITH THE LANDSCAPE ARCHITECT.
    - TREES SHALL NOT BE "TOPPED".
    - NO MORE THAN 20% OF LIVING TREE CANOPY SHALL BE REMOVED IN ONE GROWING SEASON.
    - PRUNING SHALL BE DONE DURING LATE WINTER WHEN THE TREES ARE IN DORMANT SEASON OR IN MID SUMMER ONCE LEAVES HAVE REACHED THEIR FULL SIZE. ONLY LIGHT PRUNING (LESS THAN 10% OF THE FOLIAGE) SHALL BE DONE OTHER TIMES OF THE YEAR.
    - TREES SHALL NOT BE PRUNED DURING TIMES OF EXTENDED DROUGHT OR IF THE TREE IS UNDER STRESS.
    - DEAD OR DAMAGED WOOD CAN BE REMOVED AT ANY TIME AS NEEDED.
    - LIMBS SHALL BE PRUNED TO A MIN OF 7' ABOVE WALKWAYS AND 8' ABOVE VEHICULAR AREAS.

PICKUP POST SIGN NOTES
- SIGNS ARE PROVIDED BY THE OWNER.
- SIGNS NOTED WITH TWO DIRECTIONS (I.E. S/R) WILL USE THE SAME POLE.
- REFER TO PICKUP AND SIGNAGE EXHIBIT.

SITE ANALYSIS TABLE (EXISTING STORE)

	EXISTING	PROPOSED
TOTAL BUILDING AREA	198,017 SF	206,020 SF
REQUIRED PARKING (NORTH LEBANON TOWNSHIP)	991 SPACES	1,031 SPACES
REQUIRED PARKING RATIO (NORTH LEBANON TOWNSHIP)	5.0/1,000 SF	5.0/1,000 SF
CUSTOMER AND ASSOCIATE PARKING	1,049 SPACES	983 SPACES
ACCESSIBLE PARKING	33 SPACES	33 SPACES
EV PARKING	0 SPACES	0 SPACES
PICKUP PARKING	8 SPACES	55 SPACES
PARKING SPACES OCCUPIED BY CART CORRALS (NOT INCLUDED IN PARKING COUNTS BELOW)	18 SPACES	18 SPACES
PROPOSED TOTAL PARKING INCLUDING PICKUP STALLS	1,090 SPACES	1,071 SPACES
PROPOSED PARKING RATIO INCLUDING PICKUP STALLS	5.5/1,000 SF	5.2/1,000 SF

REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION (SHEET NS-1)

50 25 12.5 0 50
1"= 50'

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTE:
THIS SITE PLAN WAS DEVELOPED BASED ON PLANS REFERENCED ON SHEET COV-1 AND SUPPLEMENTED WITH NEARMAP AERAIL IMAGERY AND A SITE VISIT ON 11/05/2025. DEPICTION OF EXTENTS OF EXISTING FEATURES ARE APPROXIMATE. ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

OVERALL SITE PLAN - STOP SIGNS AND MARKINGS PLAN

REVISIONS	BY

BOHLER
4999 LOUISE DRIVE, SUITE 200
MECHANICSBURG, PA 17055
Phone: (717) 425-2700
www.BohlerEngineering.com

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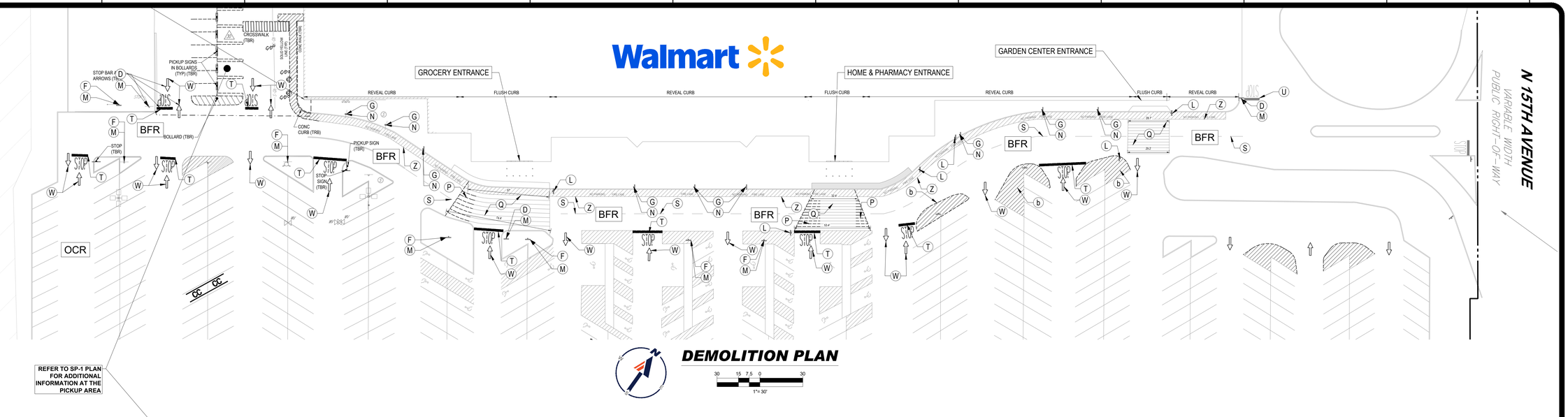
NOT APPROVED FOR CONSTRUCTION

SUPERCENTER 02023.0251
1355 EAST LEHMAN STREET
LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	SSM-1



DEMOLITION PLAN

30 15 7.5 0 30
1"= 30'

REFER TO SP-1 PLAN FOR ADDITIONAL INFORMATION AT THE PICKUP AREA



SITE CONSTRUCTION PLAN

30 15 7.5 0 30
1"= 30'

SITE AND DEMOLITION LEGEND

NOTE TO CONTRACTOR: FOR PROPOSED SIGNAGE AND STRIPING IDENTIFIED ON THIS PLAN, CONTRACTOR MUST REFERENCE STOP SIGNS AND MARKINGS DETAIL SHEET AND INSTALL ALL STRIPING AND SIGNAGE TO THE DIMENSIONS SHOWN ON THE DETAILS. NOTIFY ENGINEER IMMEDIATELY, IN WRITING, OF ANY CONFLICTS THAT MAY BE PRESENT, AS REQUIRED TO PROVIDE THE MINIMUM DIMENSIONS REQUIRED.

- (A) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED.
- (B) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMAIN / BE REUSED.
- (C) EXISTING STOP SIGN TO BE REMOVED.
- (G) EXISTING STOP SIGN TO REMAIN / BE REUSED.
- (E) EXISTING STOP SIGN TO BE RAISED / RELOCATED TO MATCH CURRENT DETAILS / GUIDELINES.
- (F) EXISTING MISCELLANEOUS TRAFFIC AND/OR INFORMATION SIGN TO REMAIN / BE REUSED.
- (G) EXISTING NO PARKING FIRE LANE SIGN TO REMAIN / BE REUSED.
- (H) EXISTING PICKUP WAY FINDING SIGN TO BE REMAIN / BE REUSED.
- (J) EXISTING PICKUP SIGN TO REMAIN / BE REUSED.
- (K) EXISTING "DO NOT ENTER" SIGN TO REMAIN / BE REUSED.
- (L) EXISTING SIGN POST AND BASE TO BE REMOVED.
- (M) EXISTING SIGN POST AND BASE TO REMAIN.
- (N) EXISTING SIGN POST BOLLARD TO BE REPAINTED.
- (P) EXISTING CROSSWALK STRIPING TO BE REMOVED.
- (Q) EXISTING CROSSWALK TO REMAIN / BE REFRESHED.
- (R) EXISTING YIELD PAVEMENT MARKING TO BE REMOVED.
- (S) EXISTING CENTERLINE STRIPING TO REMAIN / BE REFRESHED.
- (T) EXISTING STOP BAR / STOP PAVEMENT MARKING TO BE REMOVED.
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SITE AND DEMOLITION LEGEND - CONT

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DEMOLITION AND SITE CONSTRUCTION PLAN

REVISIONS	BY

BOHLER
4999 LOUISE DRIVE, SUITE 200
MECHANICSBURG, PA 17055
Phone: (717) 425-2700
www.BohlerEngineering.com

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It's fast. It's free. It's the law.

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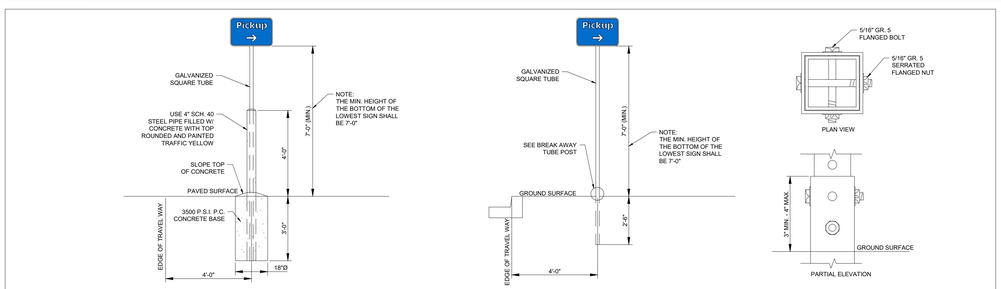
SUPERCENTER 02023.0251
1355 EAST LEHMAN STREET
LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	SECP-1

P:\PA\2025\PAC250150.00\CAD\DRAWINGS\PLAN SET\STORE ENTRANCE CONSISTENCY PROGRAM\P-SECP-PROP-PAC250150.00-SA.DWG PRINTED BY: RESPINA 7:08:26 @ 11:33 AM LAST SAVED BY: RESPINA



SINGLE POST WITH BOLLARD
IN PAVED AREAS

NOTES FOR SINGLE POST WITH BOLLARD:

1. ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES, AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. GALVANIZED SQUARE TUBE

   POST TUBES - 2"x2"X3/16" 12ga
   POST TUBE SHALL MEET ASTM A1011 GRADE 50.
   POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.

SINGLE POST WITH BREAK AWAY POST
(WHEN IN A CURBED ISLAND)

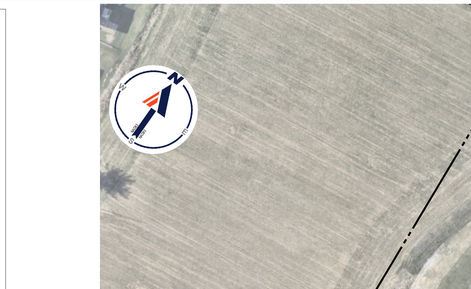
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2. GALVANIZED SQUARE TUBE

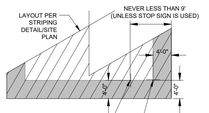
   POST TUBES - 2"x2"X3/16" 12ga
   POST TUBE SHALL MEET ASTM A1011 GRADE 50.
   POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.

   ANCHOR TUBE - 2-1/4"x2-1/4X3/16" 12ga
   HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A500 GRADE B.
   STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.

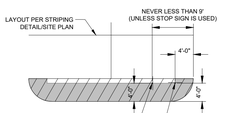
   THE UPPER SIGN POST SHALL TELESCOPE INSIDE THE ANCHOR TUBE A MINIMUM OF 12". THE ANCHOR TUBE SHALL BE A MINIMUM 30" DEEP WITH 3" MIN. 4" MAX. EXPOSED ABOVE FINISH GRADE.



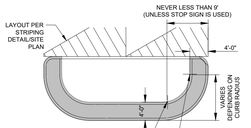
REMOVABLE SQUARE TUBE BREAK AWAY POST



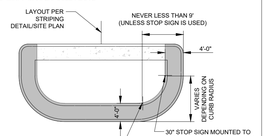
PAINTED ENDCAP - 60°
SIGN LOCATIONS - 60° PARKING



PAINTED ENDCAP - 90°
SIGN LOCATIONS - 90° PARKING



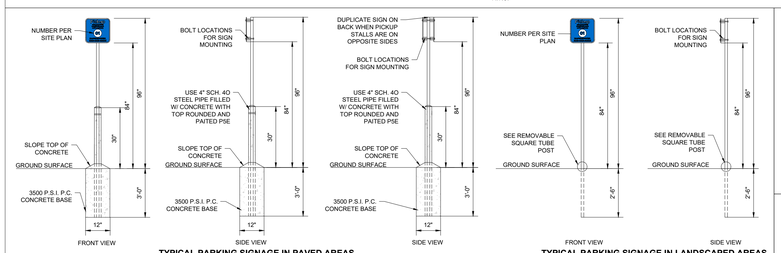
CURBED ISLAND - 60°
SIGN LOCATIONS - 60° PARKING



CURBED ISLAND - 90°
SIGN LOCATIONS - 90° PARKING

SIGN MOUNTING AND BASE

N.T.S.

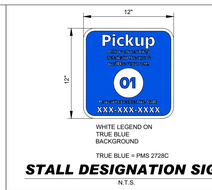


TYPICAL PARKING SIGNAGE IN PAVED AREAS

TYPICAL PARKING SIGNAGE IN LANDSCAPED AREAS

PARKING SIGN MOUNTING AND BASE

N.T.S.



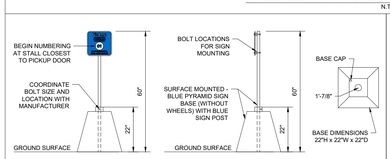
STALL DESIGNATION SIGN

N.T.S.



LOGO SIGN

N.T.S.



NOTES FOR BASE FILL MATERIAL (REFER TO PROJECT LIST FOR FILL MATERIAL REQUIRED AT EACH SITE):

1. GROUT: HIGH STRENGTH NON-SHRINK GROUT. FOLLOW MANUFACTURER INSTRUCTION TO MIX FLUID MATERIAL.
2. CONCRETE: COUNTER TOP MIX BY QUIKRETE, OR SAND MIX TOPPING AND BEDDING MIX BY SAKRETE. FOLLOW MANUFACTURER INSTRUCTION TO MIX FLUID MATERIAL.

TEMPORARY PARKING SIGNAGE WITH PYRAMID SIGN BASE

N.T.S.



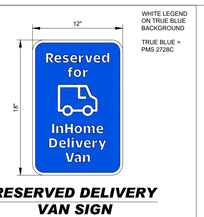
"DIRECTIONAL SIGNS" (LEFT, STRAIGHT, RIGHT)

N.T.S.



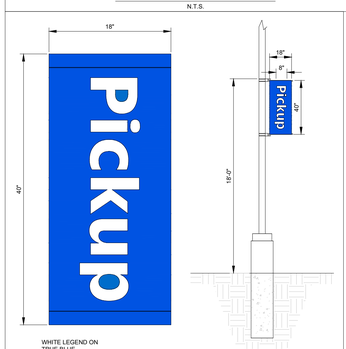
HOURS OF OPERATION SIGN

N.T.S.



RESERVED DELIVERY VAN SIGN

N.T.S.



LIGHT POLE BANNER

N.T.S.

NOTE TO CONTRACTOR

REFERENCE SIGN SCHEDULE ON ARCHITECTURAL PLANS FOR QUANTITIES

NOTE TO GC

CROSSWALK TO BE CENTERED ON RAMP. IF RAMP DROPPED CURB WIDTH IS LESS THEN 7'-4", THEN THE RAMP SHOULD BE REPLACED. IF A "STOP FOR PEDESTRIANS" SIGN IS NOT PRESENT, GC SHALL PROVIDE AND INSTALL A MUTCD SIGN R1-5b.

PICKUP EXTERIOR SIGN SCHEDULE

DESCRIPTION	DIMENSIONS	QUANTITY
STALL DESIGNATION	12 X 12	55
PICKUP LEFT	12 X 18	2
PICKUP AHEAD	12 X 18	2
PICKUP RIGHT	12 X 18	2
HOURS OF OPERATION	36 X 18	0
RESERVED DELIVERY VAN	12 X 18	0
PICKUP BANNER AND MOUNTING HARDWARE	18 X 40	1
TEMPORARY PARKING (WITH PYRAMID BASE)	12 X 12	0

CALL IN # FOR "STALL DESIGNATION" AND "TEMPORARY SIGNS

—"—"—

FINISH LEGEND

PMS WHITE	WHITE
PMS 2728 C	TRUE BLUE

DETAIL REFERENCE:
ALL DETAILS ON THIS SHEET HAVE BEEN PROVIDED/PREPARED BY OTHERS AND ARE FROM WALMART SHAREPOINT, DATE VARIES. REFER TO NOTES THIS SHEET.

NOTES REGARDING DETAILS BY OTHERS:

1. DETAILS PREPARED BY OTHERS ARE IDENTIFIED AS SUCH BY WAY OF A TITLE BLOCK, REFERENCE, LOGO, OR OTHER NOTATION.
2. WHERE AN ORIGINAL DETAIL BY OTHERS HAS BEEN MODIFIED, THE MODIFICATIONS ARE IDENTIFIED BY REVISION CLOUDS.
3. REFER TO OUTSIDE SOURCE NOTES ON THE GENERAL NOTES AND LEGEND SHEET.
4. WHEN THE SOURCE OF THE DETAIL IS A REVIEWING/REGULATORY AGENCY, FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. WHEN APPROPRIATE, SHOP DRAWINGS SHALL BE FORWARDED TO THE REVIEWING/REGULATORY AGENCY PRIOR TO FABRICATION.

DETAILS BY OTHERS DISCLAIMER

80 40 20 0 80
1"= 80'

PATH OF TRAVEL FOR PICKUP CUSTOMER (FROM PARCEL BOUNDARY TO PICKUP ENTRANCE)

NOTE TO CONTRACTOR

1. ALL EXISTING STRIPING AND PAVEMENT MARKINGS WITHIN THE PICKUP AREA SHALL BE REMOVED. REMOVE ANY DIRECTIONAL ARROWS OR STOP BARS/ PAVEMENT MARKINGS THAT ARE NOT CORRECTLY LOCATED OR INCONSISTENT WITH THE DETAILS PROVIDED. APPLY SEAL COAT TO THE COMPLETE EXTENT THAT THE STRIPING OR PAVEMENT MARKING HAS BEEN REMOVED IN A SINGLE COMPLETE RECTANGLE TO COVER ALL STRIPING (DO NOT APPLY SEAL COAT OVER EXISTING STRIPING ON CONCRETE). INSTALL NEW STRIPING AND SIGNAGE AS SHOWN ON THE SSM AND SECP SITE PLANS IF APPLICABLE.
2. GENERAL CONTRACTOR TO PREPARE AND REPAINT PARKING LOT LIGHT POLE BASES AND REMOVE PREVIOUS OVERSPRAY ON PAVEMENT. IF LIGHT POLE BASE IS WITHIN A RAISED CURB AND OFFSET FROM BACK OF CURB (OR CONCRETE BUFFER) BY 3 FEET OR LESS, THE BASE SHALL BE PAINTED/REPAINTED. IF THE LIGHT POLE BASE IS OFFSET FROM BACK OF CURB (OR CONCRETE BUFFER) BY MORE THAN 3 FEET, THE BASE SHALL NOT BE PAINTED UNLESS IT IS ALREADY PAINTED IN EXISTING CONDITIONS. EXPOSED CONCRETE LIGHT POLE BASES SHALL BE PAINTED TRAFFIC YELLOW. ANCHOR BOLT COVERS TO BE REPLACED IF REQUIRED.
3. GENERAL CONTRACTOR TO EXECUTE COMPLETE PARKING LOT RESTRIPING. STRIPE/REFRESH ALL EXISTING PARKING FIELDS (MAIN, SIDES, OR REAR OF STORE, AND FUEL STATION). BASED ON SITE VISIT CEC SHALL COORDINATE WITH WALMART PROJECT MANAGER AND IT IS TO THE DISCRETION OF WALMARTS PROJECT MANAGER IF THE EXISTING STRIPING IS ACCEPTABLE.
4. GENERAL CONTRACTOR TO PREPARE AND REPAINT EXISTING SIGN POST BOLLARDS AND REMOVE PREVIOUS OVERSPRAY ON PAVEMENT.
5. ALL PICK WAYFINDING AND STALL SIGNS ARE WALMART PROVIDED AND CONTRACTOR INSTALLED. CONTRACTOR TO PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER SHALL BE ENTERED VIA THE SIGN SHOP ORDERS QUICKBASE APPLICATION: HTTPS://WMT.QUICKBASE.COM/NAV/MAIN/ACTION/MYQB. FOR INQUIRES EMAIL CLAMPITT COMPANIES LLC. CLAMPITTROGERSTEAM@CLAMPITT.COM

   PARKING LOT SIGNS, POLES & MOUNTING HARDWARE ARE AVAILABLE VIA WALMART SOURCES AND CONTRACTOR INSTALLED. CONTRACTOR TO PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER MAY BE ENTERED VIA THE SIGN SHOW ORDERS QUICKBASE APPLICATION. HTTPS://QUICKBASE.COM/NAV/MAIN/ACTION/MYQB. FOR INQUIRES EMAIL CLAMPITT COMPANIES LLC. CLAMPITTROGERSTEAM@CLAMPITT.COM

WAYFINDING PLAN

REVISIONS	BY

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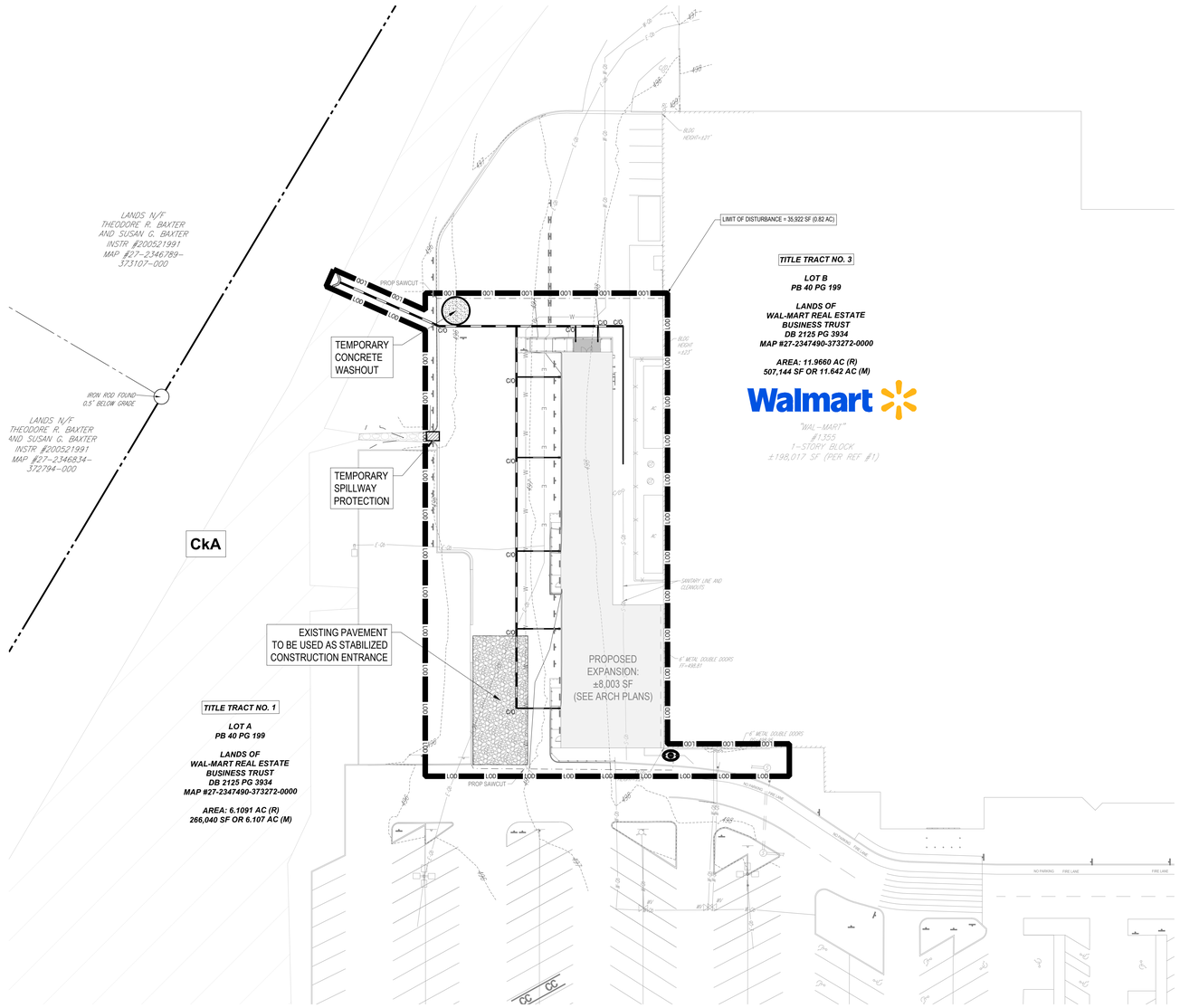
SUPERCENTER 02023.0251
1355 EAST LEHMAN STREET
LEBANON, PA 17046

WALMART INC.
414 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	WF-1

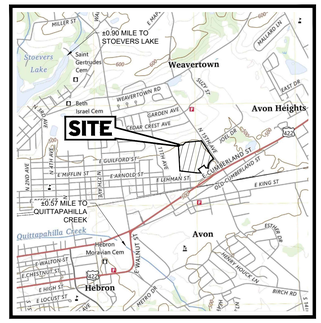
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E&S PLAN

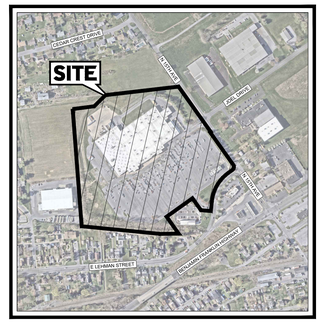
30 15 7.5 0 30

1"= 30'



USGS QUADRANGLE MAP

SCALE: 1" = 2,000'
SOURCE: LEBANON QUADRANGLE



SITE LOCATION MAP

SCALE: 1" = 500'
SOURCE: NEARMAP.
DATED 05/11/2025

NOTE TO GENERAL CONTRACTOR:

PRIOR TO CONSTRUCTION, GC MUST CLEARLY DELINEATE AND MARK OFF AREAS IDENTIFIED IN THE SWPPP OR IN THE FIELD, TO BE PROTECTED (SUCH AS, NATURAL BUFFERS, TREES, HABITATS OF ENDANGERED/ THREATENED SPECIES, HISTORIC PROPERTIES, ETC.).

SOIL EROSION CONTROL MAINTENANCE TASKS AND SCHEDULE

DURING CONSTRUCTION
TO BE PERFORMED BY CONTRACTOR

TASKS	COMPONENTS	STORM DRAINAGE SYSTEM	CATCH BASIN SUMPS	CATCH BASIN INLET CASTINGS	SITE DISTURBANCE AREA	SCHEDULE
INSPECT FOR SEDIMENT ACCUMULATION						WEEKLY
REMOVAL OF SEDIMENT ACCUMULATION						AS NEEDED* AND PRIOR TO TURNOVER
INSPECT FOR FLOATABLES AND DEBRIS						QUARTERLY
CLEANING FOR FLOATABLES AND DEBRIS						QUARTERLY AND AT TURNOVER
INSPECTION FOR EROSION						WEEKLY
REESTABLISH PERMANENT VEGETATION ON ERODED SLOPES						AS NEEDED AND PRIOR TO TURNOVER
INSPECT STRUCTURAL ELEMENTS DURING WET WEATHER AND COMPARE TO AS-BUILT PLANS (BY PROFESSIONAL ENGINEER REPORTING TO OWNER)						ANNUALLY AND AT TURNOVER
MAKE ADJUSTMENTS OR REPLACEMENTS AS DETERMINED						AS NEEDED

* "AS NEEDED" MEANS SEDIMENT HAS ACCUMULATED TO A MAXIMUM OF ONE FOOT DEPTH

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR ESTIMATED PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION EXITS																								
TEMPORARY CONTROL MEASURES																								
SEDIMENT CONTROL BASIN(S)/TRAP(S)																								
STRIP & STOCKPILE TOPSOIL																								
ROUGH GRADING																								
STORM FACILITIES																								
SITE CONSTRUCTION																								
FINISH GRADING																								
PERMANENT CONTROL STRUCTURES																								
FOUNDATION / BUILDING CONSTRUCTION																								
LANDSCAPING/SEED/FINAL STABILIZATION																								

1) CONTRACTOR MUST COMPLETE TABLE WITH ESTIMATED DATES OF PROJECT ACTIVITIES PRIOR TO BMP CERTIFICATION.
2) TIME SCHEDULE MUST COINCIDE WITH THE SWPPP IMPLEMENTATION SEQUENCE.

LAST REVISED:	WAL-MART STANDARD DETAIL
APRIL 30, 2011	

LEGEND

SITE FEATURES

- BOUNDARY LINE
- RIGHT OF WAY LINE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED GRADING/DRAINAGE EASEMENT
- EXISTING CONTOUR ELEVATIONS
- STORM DRAIN
- SOIL BOUNDARY

EROSION DETAILS

CE TEMPORARY CONSTRUCTION EXIT

EROSION NOTES

DrE SOIL TYPE: (EXAMPLE: DENNIS SILT LOAM)

EROSION CONTROL DATA

TOTAL PROPERTY AREA	26.62± AC
DISTURBED AREA	0.81± AC

SOIL SERIES

CkA	CLARKSBURG SILT LOAM, 0 TO 3% SLOPES
CkB	CLARKSBURG SILT LOAM, 3 TO 8% SLOPES
HaB	HAGERSTOWN SILT LOAM, 3 TO 8% SLOPES

RECEIVING WATERS

THE ULTIMATE OUTFALL FOR THIS SITE IS QUITTAPAHILLA CREEK WHICH IS PART OF THE SWATARA CREEK WATERSHED.

DEVELOPER/OWNER:
WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716
479-204-1195

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

IMPORTANT: GC MUST SIGN ALL PLAN SHEETS AND ANY NEW PLAN SHEETS ISSUED BY THE CEC.

EROSION AND SEDIMENTATION CONTROL PLAN

REVISIONS	BY

BOHLER
4999 LOUISE DRIVE, SUITE 200
MECHANICSBURG, PA 17055
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GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. EROSION CONTROL MEASURES MUST CONFORM TO THE STATE, LOCAL, AND FEDERAL GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL UNLESS OTHERWISE NOTED, OR UNLESS THE PROFESSIONAL OF RECORD CLEARLY AND SPECIFICALLY, IN WRITING, DIRECTS OTHERWISE. INSTALLATION OF EROSION CONTROL, CLEARING, AND SITE WORK MUST BE PERFORMED EXACTLY AS INDICATED IN THE EROSION CONTROL CONSTRUCTION NOTES.
3. THE DISTURBED LAND AREA OF THIS SITE IS APPROXIMATELY 0.96 ACRES.
4. THE FOLLOWING EROSION CONTROL MEASURES ARE PROPOSED FOR THIS SITE:
   a) STABILIZED CONSTRUCTION ENTRANCE/ EXIT - A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT IS TO BE INSTALLED AT THE DESIGNATED LOCATION SHOWN ON THE PLAN. THIS AREA MUST BE GRADED SO THAT RUNOFF WATER WILL BE RETAINED ON-SITE.
   b) INSTALL FILTER FABRIC DROP INLET PROTECTION AROUND EACH DRAINAGE INLET AS DRAINAGE STRUCTURES ARE INSTALLED TO REDUCE THE QUANTITY OF SEDIMENT. INSTALL TEMPORARY INLET PROTECTION ON INLETS DOWNSLOPE FROM DISTURBANCE, WHICH MAY BE BEYOND THE LIMITS OF DISTURBED AREA.
5. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S RECOMMENDATIONS.
6. THE CONTRACTOR MUST INSPECT EROSION CONTROL MEASURES WEEKLY. THE CONTRACTOR MUST REMOVE ANY SILT DEPOSITS GREATER THAN 6 INCHES OR HALF THE EROSION CONTROL BARRIER'S HEIGHT COLLECTED ON THE FILTER FABRIC AND/OR SILT SOCK BARRIERS AND EXCAVATE AND REMOVE ANY SILT FROM DROP INLET PROTECTION.
7. THE CONTRACTOR MUST APPLY TEMPORARY SEED AND MULCH TO ALL DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINISHED GRADE AND VEGETATED WITHIN 7 DAYS. WHEN AREAS ARE DISTURBED AFTER THE GROWING SEASON, THE CONTRACTOR MUST STABILIZE SAME WITH GEOTEXTILE FABRIC AND MAINTAIN SAME IN STRICT ACCORDANCE WITH BEST MANAGEMENT PRACTICES.
8. THE CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF THE PROFESSIONAL OF RECORD SO REQUIRES, TO PREVENT ANY, INCLUDING THE INCIDENTAL, DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE.
9. THE CONTRACTOR MUST BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT PAVING AND TURF/LANDSCAPING IS ESTABLISHED. THE COSTS OF INSTALLING AND MAINTAINING THE EROSION CONTROL MEASURES MUST BE INCLUDED IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS RESPONSIBLE FOR ALL SUCH COSTS.
10. THE CONTRACTOR MUST CONTINUE TO MAINTAIN ALL EROSION CONTROL MEASURES UNTIL THE COMPLETION OF CONSTRUCTION AND THE ESTABLISHMENT OF VEGETATION.
11. THE CONTRACTOR MUST REMOVE EROSION CONTROL MEASURES, SILT AND DEBRIS AFTER ESTABLISHING PERMANENT VEGETATION COVER OR OTHER INSTALLING A DIFFERENT, SPECIFIED METHOD OF STABILIZATION.
12. THIS PLAN REPRESENTS THE MINIMUM LEVEL OF IMPLEMENTATION OF TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES, MEASURES AND STRUCTURES. ADDITIONAL FACILITIES, MEASURES AND STRUCTURES MUST BE INSTALLED WHERE NECESSARY TO COMPLY WITH ALL APPLICABLE CODES AND STANDARDS AND/OR TO PREVENT ANY, INCLUDING THE INCIDENTAL DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE.
13. THE CONTRACTOR MUST PROTECT ALL EXISTING TREES AND SHRUBS. THE CONTRACTOR MUST REFER TO THE LANDSCAPE AND/OR DEMOLITION PLAN(S) FOR TREE PROTECTION, FENCE LOCATIONS AND DETAILS.
14. THE CONTRACTOR MUST REFER TO GRADING PLANS FOR ADDITIONAL INFORMATION.
15. THE CONTRACTOR MUST CLEAN EXISTING AND PROPOSED DRAINAGE STRUCTURES AND INTERCONNECTING PIPES ON OR OFF-SITE AS THE JURISDICTIONAL AGENCY REQUIRES, BOTH AT THE TIME OF SITE STABILIZATION AND AT END OF PROJECT.
16. SOIL EROSION CONTROL MEASURES MUST BE ADJUSTED OR RELOCATED BY THE CONTRACTOR AS IDENTIFIED DURING SITE OBSERVATION IN ORDER TO MAINTAIN THE COMPLETE EFFECTIVENESS OF ALL CONTROL MEASURES.
17. THE CONTRACTOR MUST IDENTIFY, ON THE PLAN, THE LOCATION OF WASTE CONTAINERS, FUEL STORAGE TANKS, CONCRETE WASHOUT AREAS AND ANY OTHER LOCATIONS WHERE HAZARDOUS MATERIALS ARE STORED.

THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:

- INSTALLATION OF INLET PROTECTION IN STREET (AS SHOWN)
- DEMOLITION OF EXISTING SITE STRUCTURES (SEE DEMOLITION PLAN)
- DEMOLITION OF EXISTING SITE PAVEMENT AND AMENITIES (SEE DEMOLITION PLAN)
- EARTHWORK AND EXCAVATION/FILLING AS NECESSARY
- CONSTRUCTION OF UTILITIES
- INSTALLATION OF INLET PROTECTION OF ON-SITE UTILITIES (AS SHOWN)
- CONSTRUCTION OF BUILDINGS
- CONSTRUCTION OF ALL CURBING AS INDICATED ON THE PLANS
- FINAL GRADING OF ALL SLOPED AREAS
- PLACE 6" TOPSOIL ON SLOPES AFTER FINAL GRADING COMPLETED. FERTILIZE, SEED, AND MULCH SEED MIXTURE TO BE INSTALLED AS REQUIRED.
- PAVE PARKING LOT
- REMOVE EROSION CONTROLS AS DISTURBED AREAS BECOME STABILIZED TO 70% STABILIZATION OR GREATER

SWPPP UPDATES AND AMENDMENTS

THE GC MUST UPDATE THE SWPPP, INCLUDING THE JOBSITE BINDER AND SITE MAPS, TO REFLECT THE PROGRESS OF CONSTRUCTION ACTIVITIES AND GENERAL CHANGES TO THE PROJECT SITE. UPDATES SHALL BE MADE DAILY TO TRACK PROGRESS WHEN ANY OF THE FOLLOWING ACTIVITIES OCCUR: BMP INSTALLATION, MODIFICATION OR REMOVAL, CONSTRUCTION ACTIVITIES (E.G., PAVING, STORM SEWER INSTALLATION, FOOTING INSTALLATION, ETC.), CLEARING, GRUBBING OR GRADING, OR TEMPORARY OR PERMANENT STABILIZATION.

IMPORTANT:
THE GENERAL CONTRACTOR MUST SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE CEC AND OBTAIN WRITTEN CEC APPROVAL BEFORE DOING ANY OF THE FOLLOWING:

1. MODIFYING EROSION OR SEDIMENT CONTROL BMPS (SUBSTITUTIONS ARE TYPICALLY ONLY APPROVED IF SPECIFIED MATERIALS ARE NOT AVAILABLE OR THERE IS A VALID REASON THE SPECIFIED BMP WILL NOT WORK)
2. ADDING/DELETING EROSION OR SEDIMENT CONTROL BMPS;
3. MODIFYING THE SWPPP IMPLEMENTATION SEQUENCE; OR
4. PERFORMING ANY ACTIONS OR IN ANY MANNER THAT IS CONTRARY TO THE SWPPP.

THE CONTRACTOR MAY MODIFY OR ADD ADDITIONAL BMPS, WITHOUT CEC APPROVAL, IN AN EMERGENCY SITUATION TO PREVENT SEDIMENT DISCHARGE OR PROTECT WATER QUALITY; HOWEVER, GC MUST NOTIFY THE CEC AS SOON AS PRACTICAL AS TO THEIR ACTIONS TO DISCUSS THE NEED FOR ADDITIONAL OR SUPPLEMENTAL MEASURES AND TO OBTAIN THE REQUIRED APPROVALS. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO ENSURE COMPLIANCE WITH THE PERMIT AND PROTECTION OF DOWNSTREAM WATER QUALITY.

AMENDING THE SWPPP DOES NOT MEAN THAT IT HAS TO BE REPRINTED. IT IS ACCEPTABLE TO ADD ADDENDA, SKETCHES, NEW SECTIONS, DETAILS, AND/OR REVISED DRAWINGS THAT HAVE THE CEC NAME IN PRINT, ARE STAMPED, SIGNED, DATED, AND ARE ACCOMPANIED BY WRITTEN COPY OF THE ASSOCIATED RFI AND ITS RESPONSE FROM CEC. ENGINEERED ITEMS MUST BE SIGNED AND STAMPED BY THE CEC OF RECORD FOR THE PROJECT.

EROSION AND SEDIMENT CONTROL NOTES

A. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
B. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
C. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
D. CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH SWPPP IMPLEMENTATION SEQUENCE, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
E. ALL DENUDED/BARE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE, MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY, WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES, STRAW/HAY MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING AND/OR BLANKETS. COMPLETION MUST BE ACHIEVED WITHIN 14 DAYS.
F. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED, SODDED, AND/OR VEGETATED IMMEDIATELY, AND COMPLETED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
   [EDITOR NOTE: PROVIDE STATE AND/OR LOCAL SPECIFIC TEMPORARY STABILIZATION REQUIREMENTS ONLY IF THEY ARE MORE STRINGENT]
G. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION. TEMPORARY AND/OR PERMANENT STABILIZATION SHALL BE APPLIED PER REQUIREMENTS IN THESE E&S CONTROL NOTES.
H. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE OFF-SITE.
I. ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE SITE PLANS.
J. STORM WATER POLLUTANT CONTROL MEASURES INSTALLED DURING CONSTRUCTION, THAT WILL ALSO PROVIDE STORM WATER MANAGEMENT AFTER CONSTRUCTION, ARE INCLUDED IN THE CONTRACT DOCUMENTS. THE SITE-SPECIFIC POST CONSTRUCTION STORM WATER OPERATION AND MAINTENANCE (O&M) MANUAL IS INCLUDED IN THE CONTRACT DOCUMENTS.
K. ALL PERMANENT CONTROLS AND SYSTEMS MUST BE INSTALLED AND FUNCTIONING AS DESIGNED AND FREE OF ACCUMULATED SEDIMENT AND DEBRIS DURING FINAL PROJECT INSPECTION AND APPROVAL.

STANDARD E&S PLAN NOTES

(Rev. 5/2024)

1. ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS (STAMPED, SIGNED AND DATED BY THE REVIEWING AGENCY) MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE REVIEWING AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AGENCY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
2. AT LEAST 7 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, INCLUDING CLEARING AND GRUBBING, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS, THE LANDOWNER, APPROPRIATE MUNICIPAL OFFICIALS, THE E&S PLAN PREPARER, THE PCSM PLAN PREPARER, THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF CRITICAL STAGES OF IMPLEMENTATION OF THE PCSM PLAN, AND A REPRESENTATIVE FROM THE LOCAL CONSERVATION DISTRICT TO AN ON-SITE PRECONSTRUCTION MEETING.
3. AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
4. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING FROM THE LOCAL CONSERVATION DISTRICT OR BY THE DEPARTMENT PRIOR TO IMPLEMENTATION.
5. AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.
6. CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OR PHASE OF THE PROJECT UNTIL THE E&S BMPS SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE OR PHASE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.
7. AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN
8. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN MAPS(S) IN THE AMOUNT NECESSARY TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 35 FEET. STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.
9. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY THE LOCAL CONSERVATION DISTRICT AND/OR THE REGIONAL OFFICE OF THE DEPARTMENT.
10. ALL BUILDING MATERIALS AND WASTES SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ, 271.1, AND 287.1 ET. SEQ NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.
11. ALL OFF-SITE WASTE AND BORROW AREAS MUST HAVE AN E&S PLAN APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT FULLY IMPLEMENTED PRIOR TO BEING ACTIVATED.
12. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ANY MATERIAL BROUGHT ON SITE IS CLEAN FILL. FORM FP-001 MUST BE RETAINED BY THE PROPERTY OWNER FOR ANY FILL MATERIAL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE BUT QUALIFYING AS CLEAN FILL DUE TO ANALYTICAL TESTING.
13. ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.
14. VEHICLES AND EQUIPMENT MAY NEITHER ENTER DIRECTLY NOR EXIT DIRECTLY FROM SITE EXCEPT THROUGH EXISTING STABILIZED ACCESS POINTS & APPROVED ROCK CONSTRUCTION ENTRANCES SHOWN ON PLAN.
15. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPS SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMPS AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND RENETTING MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPS FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPS, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
16. A LOG SHOWING DATES THAT E&S BMPS WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
17. SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEPT INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
18. ALL SEDIMENT REMOVED FROM BMPS SHALL BE DISPOSED OF IN THE MANNER DESCRIBED ON THE PLAN DRAWINGS.
19. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 TO 5 INCHES -- 6 TO 12 INCHES ON COMPACTED SOILS -- PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING. FILL OUTSLOPES SHALL HAVE A MINIMUM OF 2 INCHES OF TOPSOIL.
20. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
21. ALL EARTHEN FILLS SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
22. FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
23. FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
24. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
25. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
26. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDED AREAS WITHIN 50 FEET OF A SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.
27. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN 1 YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN 1 YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
28. PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 70% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING, OR OTHER MOVEMENTS.
29. E&S BMPS SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.
30. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT THE LOCAL CONSERVATION DISTRICT FOR AN INSPECTION PRIOR TO REMOVAL/CONVERSION OF THE E&S BMPS.
31. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPS MUST BE REMOVED OR CONVERTED TO PERMANENT POST CONSTRUCTION STORMWATER MANAGEMENT BMPS. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE BMPS SHALL BE STABILIZED IMMEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
32. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT THE LOCAL CONSERVATION DISTRICT TO SCHEDULE A FINAL INSPECTION.
33. FAILURE TO CORRECTLY INSTALL E&S BMPS, FAILURE TO PREVENT SEDIMENT-LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE, OR FAILURE TO TAKE IMMEDIATE CORRECTIVE ACTION TO RESOLVE FAILURE OF E&S BMPS MAY RESULT IN ADMINISTRATIVE, CIVIL, AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE DEPARTMENT AS DEFINED IN SECTION 602 OF THE PENNSYLVANIA CLEAN STREAMS LAW. THE CLEAN STREAMS LAW PROVIDES FOR UP TO $10,000 PER DAY IN CIVIL PENALTIES, UP TO $10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO $25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.
34. CONCRETE WASH WATER SHALL BE HANDLED IN THE MANNER DESCRIBED ON THE PLAN DRAWINGS. IN NO CASE SHALL IT BE ALLOWED TO ENTER ANY SURFACE WATERS OR GROUNDWATER SYSTEMS.

GENERAL CONSERVATION NOTES AND SPECIFICATIONS

(Rev. 10/2024)

I. GENERAL INFORMATION

A. THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE AVAILABLE AT THE SITE.
B. NO SEDIMENT OR SEDIMENT LADEN WATER MUST BE ALLOWED TO LEAVE THE SITE WITHOUT FIRST BEING PROPERLY FILTERED.
C. ANY SEDIMENT THAT IS TRACKED ONTO THE ROAD MUST BE CLEANED OFF BEFORE THE END OF THE DAY.
D. DISTURBED AREAS ON WHICH EARTHMOVING ACTIVITIES HAVE CEASED AND WHICH WILL REMAIN EXPOSED SHALL BE STABILIZED IMMEDIATELY, EITHER TEMPORARILY OR PERMANENTLY, INCLUDING THE RESTORATION OF DRIVEWAYS, STOCKPILES, OFF-SITE UNDERGROUND UTILITY LINES AND GRADED PERIMETER AREAS. DURING NON-GERMINATION PERIODS, MULCH MUST BE APPLIED AT RECOMMENDED RATES. CRUSHED STONE ON PAVEMENT SUBGRADES IS CONSIDERED ADEQUATE PROTECTION.
E. AREAS THAT FAIL TO GERMINATE MUST BE RE-SEEDED OR MULCHED.
F. WHERE DISTURBED AREAS ARE DIFFICULT TO STABILIZE, NETTING SHOULD BE USED TO HOLD SEED AND MULCH IN PLACE; THIS IS ESPECIALLY IMPORTANT AROUND WATERCOURSES, IN SWALES AND AREAS OF CONCENTRATED FLOWS, STEEP SLOPES.
G. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, RE-GRADING, RE-SEEDING, RE-MULCHING, AND RE-NETTING, MUST BE PERFORMED IMMEDIATELY. IF AT ANY TIME PRIOR TO SITE STABILIZATION ANY E&SP PROBLEMS OCCUR WHICH REQUIRE ADDITIONAL CONTROLS, IMMEDIATE ACTION MUST BE TAKEN TO CORRECT THE PROBLEMS.
H. THE CONTRACTOR MUST DEVELOP AND COORDINATE WITH OWNER AND HAVE APPROVED BY THE COUNTY CONSERVATION DISTRICT, A SEPARATE EROSION AND SEDIMENT POLLUTION CONTROL PLAN FOR EACH SPOIL, BORROW OR OTHER WORK AREA NOT DETAILED ON THE PERMITTED PLANS, WHETHER LOCATED WITHIN OR OUTSIDE OF THE LIMITS OF CONSTRUCTION.
I. CONTRACTOR SHALL NOTIFY THE COUNTY CONSERVATION DISTRICT OF DISPOSAL METHOD AND LOCATION OF MATERIALS (IF ANY) TO BE REMOVED FROM SITE.
J. ALL MATERIALS TO BE RECYCLED OR DISPOSED OF MUST DO SO IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL REGULATIONS. STOCKPILES TO BE HAULED OFF SITE MUST HAVE AN APPROVED EROSION AND SEDIMENT CONTROL PLAN AT THE DESTINATION LOCATION.
K. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SOIL STABILIZATION THROUGHOUT CONSTRUCTION. ADDITIONAL MEASURES REQUIRED TO ENSURE ON-SITE AND OFF-SITE STABILIZATION IN AND ADJACENT TO CONSTRUCTION ACTIVITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AT NO COST TO THE OWNER. IMMEDIATE NOTIFICATION SHALL BE GIVEN TO THE OWNER AND ENGINEER SHOULD ADDITION STABILIZATION MEASURES BE NECESSARY; IN ACCORDANCE WITH THE NPDES AND/OR SWPPP REQUIREMENTS FOR THE PROJECT.
L. NPDES PERMIT REQUIRES THAT A VISUAL SITE INSPECTION REPORT USING THE CURRENT PADEP FORM BE COMPLETED BY A QUALIFIED SITE INSPECTOR AT THE FOLLOWING FREQUENCY:
   L.1. WEEKLY,
   L.2. AFTER RAINFALL EVENTS OF AT LEAST 0.25 INCH IN A 24-HOUR PERIOD, AND
   L.3. AS A FOLLOW-UP TO DEFICIENCIES FOUND.
M. THE PERMITTEE MUST TAKE COLOR PHOTOGRAPHS OF E&S BMPS AND PCSM SCMS ON THE PROJECT SITE AT LEAST MONTHLY, UNLESS OTHERWISE APPROVED IN WRITING BY DEP/CCD, AND WHEN DEFICIENCIES IN BMPS AND SCMS ARE IDENTIFIED. THE PHOTOGRAPHS MUST HAVE A DATE AND TIME STAMP AND BE MADE AVAILABLE FOR DEP/CCD REVIEW UPON REQUEST.
N. WITHIN 30 DAYS FOLLOWING COMPLETION OF A STRUCTURAL PCSM SCM, AS DEFINED IN THE REISSUED PAG-02 GENERAL PERMIT, THE PERMITTEE MUST SUBMIT THE SCM CONSTRUCTION CERTIFICATION FORM (3800-FM-BCW0271J) TO DEP/CCD, SIGNED BY THE PERMITTEE AND A LICENSED PROFESSIONAL.
O. BEGINNING DECEMBER 8, 2025, THE PERMITTEE MUST COMPLETE CONFIRMATION TESTING FOR INFILTRATION CAPACITY TO VERIFY THAT INFILTRATION SCMS WILL PERFORM AS DESIGNED. TESTING IS REQUIRED FOR BOTH THE SUBGRADE PREPARATION AND POST CONSTRUCTION CONDITION.
P. UPON THE REDUCTION, LOSS, OR FAILURE OF ANY BMP OR PCSM SCM, THE PERMITTEE AND CO-PERMITTEE(S) MUST INITIATE THE REPAIR OR REPLACEMENT OF THE BMP SCM AS FOLLOWS:
   P.1. IMMEDIATELY UPON DISCOVERY IF THE REDUCTION, LOSS, OR FAILURE OF A BMP OR SCM HAS RESULTED IN OR IS LIKELY TO RESULT IN SEDIMENT OR OTHER POLLUTANTS FLOWING OFF THE PROJECT SITE AND/OR DISCHARGING TO SURFACE WATERS. COMPLETION OF THE REPAIR OR REPLACEMENT OF THE BMP OR SCM MUST OCCUR WITHIN 24 HOURS UNLESS OTHERWISE REQUIRED BY DEP/CCD.
   P.2. WHEN FAILURE OF A BMP OR SCM IS NOT LIKELY TO CAUSE POLLUTION, THE PERMITTEE MUST INITIATE REPAIR OR REPLACEMENT WITHIN 24 HOURS OF DISCOVERY AND COMPLETE THE REPAIR OR REPLACEMENT WITHIN 7 DAYS, UNLESS OTHERWISE REQUIRED BY DEP/CCD.
Q. IF SOIL CONTAMINATION OR GROUNDWATER CONTAMINATION IS ENCOUNTERED DURING CONSTRUCTION THE PERMITTEE IS TO NOTIFY DEP AND CCD OF NEWLY DISCOVERED ON-SITE SOIL OR GROUNDWATER CONTAMINATION. NOTIFICATION IS TO BE PROVIDED WITHIN 24 HOURS OF RECEIVING THE SAMPLING RESULTS INDICATING THE CONTAMINATION.
R. BY DECEMBER 7 OF EACH YEAR, THE PERMITTEE MUST SUBMIT AN ANNUAL REPORT (3800-PM-BCW0405E) TO THE OFFICE OF DEP/CCD THAT APPROVED GENERAL PERMIT COVERAGE TO REPORT ON THE STATUS OF EARTH DISTURBANCE ACTIVITIES. THE FIRST ANNUAL REPORT FOR EXISTING PERMITTEES IS DUE DECEMBER 7, 2025.
S. RESIDENTIAL ONLY - WHENEVER A LOT OR PARCEL CONTAINING A PCSM SCM IS SOLD DURING THE TERM OF GENERAL PERMIT COVERAGE, THE PERMITTEE MUST PROVIDE THE NEW PROPERTY OWNER WITH 1) RECORD DRAWINGS OR OTHER PLANS IDENTIFYING THE SCM; 2) A LONG-TERM OPERATION AND MAINTENANCE (O&M) PLAN FOR THE SCM; AND 3) A COMPLETED NEW PROPERTY OWNER NOTIFICATION FORM (3800-FM-BCW00271I). THE PERMITTEE MUST SUBMIT COPIES OF COMPLETED NEW PROPERTY OWNER NOTIFICATION FORMS TO DEP/CCD AND TO THE MUNICIPALITY WHERE THE SCM IS LOCATED WITHIN 30 DAYS OF THE DATE OF TRANSFER OF THE PROPERTY.

II. STANDARD FOR LAND GRADING

A. DEFINITION: RESHAPING THE GROUND SURFACE BY GRADING TO PLAN GRADES, WHICH ARE DETERMINED BY TOPOGRAPHIC SURVEY AND LAYOUT.
   A.1. PROVISIONS SHALL BE MADE TO SAFELY CONDUCT SURFACE WATER TO STORM DRAINS OR SUITABLE WATER COURSES AND TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FULL SLOPES.
   A.2. ADJOINING PROPERTY SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS.
B. INSTALLATION REQUIREMENTS
   B.1. TIMBER, LOGS, BRUSH, RUBBISH, ROCKS, STUMPS AND VEGETABLE MATTER WHICH WILL INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABILITY OR FILL AREAS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH STANDARD FOR DISPOSAL OF MATERIALS.
   B.2. FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS.
   B.3. ALL FILLS SHALL BE COMPACTED SUFFICIENTLY FOR THEIR INTENDED PURPOSE AND AS REQUIRED TO REDUCE SLIPPING, EROSION OR EXCESS SATURATION.
   B.4. ALL DISTURBED AREAS SHALL BE LEFT WITH A NEAT AND FINISHED APPEARANCE AND SHALL BE PROTECTED FROM EROSION.
   B.5. (SEE I. D.)

III. STANDARD FOR UTILITY TRENCH EXCAVATION

A. LIMIT ADVANCE CLEARING AND GRUBBING OPERATIONS TO A DISTANCE EQUAL TO TWO TIMES THE LENGTH OF PIPE INSTALLATION THAT CAN BE COMPLETED IN ONE DAY.
B. LIMIT DAILY TRENCH EXCAVATION TO THE LENGTH OF PIPE PLACEMENT, PLUG INSTALLATION AND BACKFILLING THAT CAN BE COMPLETED THE SAME DAY. DAILY BACKFILLING OF THE TRENCH MAY BE DELAYED FOR A MAX OF SIX DAYS FOR CERTAIN CASES REQUIRING TESTING OF THE INSTALLED PIPE.
C. WATER WHICH ACCUMULATES IN THE OPEN TRENCH WILL BE COMPLETELY REMOVED BY PUMPING TO A FACILITY FOR REMOVAL OF SEDIMENT (SEDIMENT FILTER BAG, SEE DETAIL) BEFORE PIPE PLACEMENT AND/OR BACKFILLING BEGINS.
D. ON THE DAY FOLLOWING PIPE PLACEMENT AND TRENCH BACKFILLING, THE DISTURBED AREA WILL BE GRADED TO FINAL CONTOURS AND APPROPRIATE TEMPORARY EROSION AND SEDIMENT POLLUTION CONTROL MEASURES / FACILITIES WILL BE INSTALLED. SEEDING AND MULCHING OF ALL DISTURBED AREAS WILL BE DONE IMMEDIATELY.
E. WORK CREWS AND EQUIPMENT FOR TRENCHING, PLACEMENT OF PIPE, PLUG CONSTRUCTION AND BACKFILLING WILL BE SELF CONTAINED AND SEPARATE FORM CLEARING AND GRUBBING AND SITE RESTORATION AND STABILIZATION OPERATIONS.
F. ALL SOIL EXCAVATED FROM THE TRENCH WILL BE PLACED ON THE UPHILL SIDE OF THE TRENCH.

IV. STANDARD FOR TEMPORARY STABILIZATION

A. STANDARD FOR TEMPORARY STABILIZATION WITH FIBERMULCH
   A.1. MULCHING IS MOST APPLICABLE TO THOSE AREAS SUBJECT TO PERIODIC DISTURBANCE AND REWORKING IN ADDITION, STABILIZATION WITH FIBER MULCH SHALL BE USED DURING NON-GERMINATION PERIODS.
   A.2. PERFORM ALL CULTURAL OPERATIONS AT RIGHT ANGLES TO THE SLOPE.
   A.3. GRADE AS NEED AND FEASIBLE. SEE STANDARD FOR LAND GRADING.
   A.4. PROTECTIVE MATERIALS TO BE USED:
   A.4.a. UNROTTED SMALL-GRAIN UN-CHOPPED STRAW OR HAY AT 3.0 TONS PER ACRE (4 TONS PER ACRE BETWEEN NOVEMBER 1 AND MARCH 1) SPREAD UNIFORMLY AND ANCHORED WITH LIQUID MULCH BINDER. BINDER PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE PRODUCT MANUFACTURER'S SPECIFICATIONS.
   A.4.b. HYDROMULCHER. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL. LIQUID MULCH BINDERS: APPLY IMMEDIATELY AFTER PLACEMENT OF HAY OR STRAW MULCH TO MINIMIZE LOSS BY WIND OR WATER. PRODUCTS TO BE INSTALLED AT A RATE OF 1 TON PER ACRE (MINIMUM) OR PER MANUFACTURER'S SPECIFICATIONS.

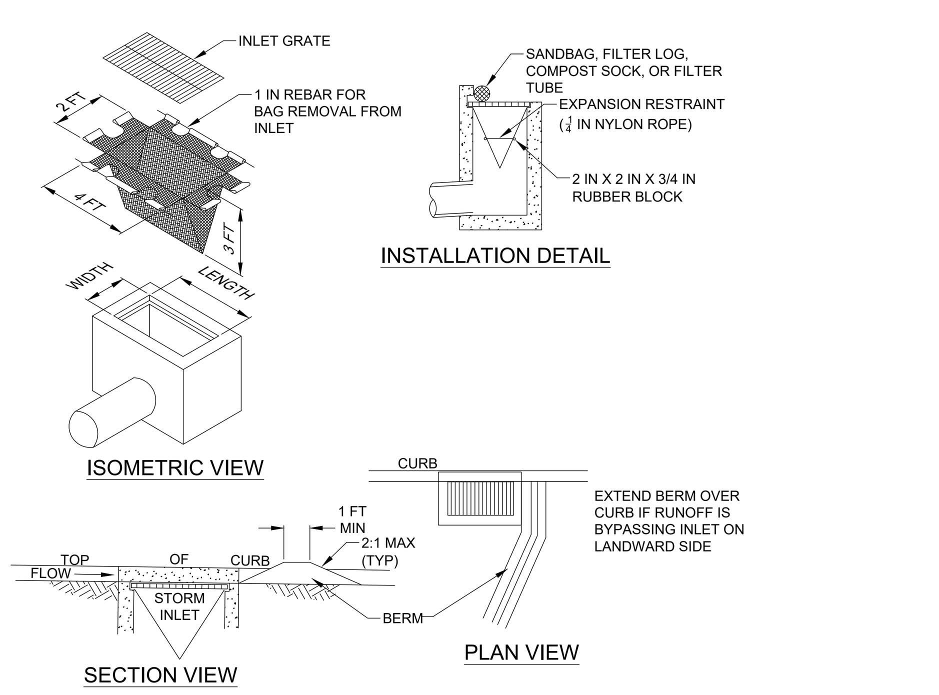
B. STANDARD FOR TEMPORARY STABILIZATION WITH SEED
   B.1. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN TWELVE (12) MONTHS MUST BE SEEDED AND MULCHED IMMEDIATELY WITH A TEMPORARY COVER.
   B.2. ALL AREAS TO BE PERMANENTLY SEEDED SHALL ALSO RECEIVE TEMPORARY SEEDING CONCURRENTLY.
   B.3. SEEDBED PREPARATION FOR TEMPORARY SEEDING
   B.3.A. PERFORM ALL CULTURAL OPERATIONS AT RIGHT ANGLES TO SLOPE.
   B.3.B. APPLY AGRICULTURAL LIME AT A RATE OF 1 TONE PER ACRE
   B.3.C. APPLY 10-10-10 FERTILIZER A RATE OF 500 POUNDS PER ACRE
   B.3.D. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF FOUR (4) INCHES.

C. SEEDING: SEE SEEDING SPECIFICATIONS

V. STANDARD FOR PERMANENT STABILIZATION

A. SPECIFICATION FOR SEEDING & SOIL TREATMENT FOR PERMANENT VEGETATIVE COVER
   A.1. SITE PREPARATION
   A.1.a. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND ANCHORING, AND MAINTENANCE.
   A.1.b. SUBSOIL SHOULD BE TESTED FOR LIME REQUIREMENT AND LIMESTONE, IF NEEDED, SHOULD BE APPLIED TO BRING SOIL PH TO BETWEEN 5.5 AND 7 AND INCORPORATED INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES.
   A.1.c. IMMEDIATELY PRIOR TO TOPSOIL DISTRIBUTION, THE SURFACE SHOULD BE SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3-5 INCHES TO PROVIDE A GOOD BOND WITH THE TOPSOIL.
   A.2. APPLYING TOPSOIL
   A.2.a. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE.
   A.2.b. REMOVAL OF TOPSOIL IS NOT ALLOWED UNLESS APPROVED BY THE MUNICIPALITY OR UNLESS AS SPECIFIED BY THE SITE GEOTECHNICAL ENGINEER DUE TO THE SOIL'S UNSUITABILITY FOR PLACEMENT.
   A.3. SEEDBED PREPARATION
   A.3.a. A SOIL TEST SHALL BE CONDUCTED TO ACCURATELY DETERMINE NECESSARY SOIL AMENDMENTS.
   A.3.b. PERFORM ALL CULTURAL OPERATIONS AT RIGHT ANGLES TO SLOPE.
   A.3.c. SOIL MODIFICATIONS:
   A.3.c.1. APPLY 10-20-20 RATED FERTILIZER AT A RATE OF 1000 POUNDS PER ACRE OR 25 POUNDS PER 1000 SQUARE FEET, OR AS DIRECTED BY SOIL TEST.
   A.3.c.2. APPLY AGRICULTURAL LIME AT A RATE OF 6 TONS PER ACRE OR 240 POUNDS PER 1000 SQUARE FEET, OR AS DIRECTED BY SOIL TEST.
   A.3.d. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM FINE SEEDBED IS PREPARED.
   A.3.e. REMOVE FROM THE SURFACE ALL STONES ONE INCH (1") OR LARGER IN ANY DIMENSION, REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS OR OTHER UNSUITABLE MATERIAL.
   A.3.f. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RE-TILLED AND FIRMED AS ABOVE.
   A.4. SEEDING: SEE SEEDING SPECIFICATIONS
   A.5. SEED BED AREAS SHALL ALSO BE STABILIZED USING AN APPROVED METHOD (EG: HYDROMULCHING) AS OUTLINED IN ITEM IV.A. HEREIN

B. STANDARD FOR PERMANENT STABILIZATION WITH SOD
   B.1. METHODS AND MATERIALS
   B.1.a. CULTIVATED SOD IS PREFERRED OVER NATIVE OR PASTURE SOD. SPECIFY "CERTIFIED SOD," OR OTHER HIGH QUALITY CULTIVATED SOD.
   B.1.b. SOD SHOULD BE FREE OF WEEDS AND UNDESIRABLE COARSE WEEDY GRASSES.
   B.1.c. SOD SHOULD BE OF UNIFORM THICKNESS, APPROXIMATELY 5/8 INCH, PLUS OR MINUS 1/4 INCH, AT TIME OF CUTTING. (EXCLUDES TOP GROWTH).
   B.1.d. SOD SHOULD BE VIGOROUS AND DENSE AND BE ABLE TO RETAIN ITS OWN SHAPE AND WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP FROM THE UPPER 0% OF THE STRIP. BROKEN PADS OR TORN AND UNEVEN ENDS WILL NOT BE ACCEPTABLE.
   B.1.e. A SOD OF KENTUCKY 31 TALL FESCUE WITH BLUEGRASS, OR A FESCUE BLEND IS PREFERRED.
   B.1.f. ONLY MOIST, FRESH UNHEATED SOD SHOULD BE USED. SOD SHOULD BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 36 HOURS.
   B.2. SITE PREPARATIONS: SEE SPECIFICATION FOR SEEDING & SOIL TREATMENT FOR PERMANENT VEGETATIVE COVER (ITEM V.A. ABOVE)
   B.3. SOD PLACEMENT
   B.3.a. SOD STRIPS SHOULD BE LAID ON THE CONTOUR, NEVER UP AND DOWN THE SLOPE, STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP. ON STEEP SLOPES, THE USE OF LADDERS WILL FACILITATE THE WORK AND PREVENT DAMAGE TO THE SOD. DURING PERIODS OF HIGH TEMPERATURE, LIGHTLY IRRIGATE THE SOIL IMMEDIATELY PRIOR TO LAYING THE SOD.
   B.3.b. PLACE SOD STRIPS WITH SNUG EVEN JOINTS THAT ARE STAGGERED. OPEN SPACES INVITE EROSION.
   B.3.c. ROLL OR TAMP SOD IMMEDIATELY FOLLOWING PLACEMENT TO INSURE SOLID CONTACT OF ROOT MAT AND SOIL SURFACE. DO NOT OVERLAP SOD. ALL JOINTS SHOULD BE BUTTED TIGHTLY IN ORDER TO PREVENT VOIDS, WHICH WOULD CAUSE DRYING OF THE ROOTS.
   B.3.d. ON SLOPES GREATER THAN 3 TO 1, SECURE SOD TO SURFACE SOIL WITH WOOD PEGS, WIRE STAPLES OR A BIODEGRADABLE FASTENER.
   B.3.e. SURFACE WATER CANNOT ALWAYS BE DIVERTED FROM FLOWING OVER THE FACE OF THE SLOPE, BUT A CAPPING STRIP OF HEAVY JUTE OR PLASTIC NETTING, PROPERLY SECURED, ALONG THE CROWN OF THE SLOPE AND EDGES WILL PROVIDE EXTRA PROTECTION AGAINST LIFTING AND UNDERCUTTING OF SOD. THE SAME TECHNIQUE CAN BE USED TO ANCHOR SOD IN WATER-CARRYING CHANNELS AND OTHER CRITICAL AREAS. WIRE STAPLES MUST BE USED TO ANCHOR NETTING IN CHANNEL WORK.
   B.3.f. IMMEDIATELY FOLLOWING INSTALLATION, SOD SHOULD BE WATERED UNTIL MOISTURE PENETRATES THE SOIL LAYER BENEATH SOD TO A DEPTH OF 4 INCHES. MAINTAIN OPTIMUM MOISTURE FOR AT LEAST TWO WEEKS.
   B.4. FOLLOW-UP INSPECTION: AFTER THE FIRST GROWING SEASON, THE SOD SHOULD BE INSPECTED TO DETERMINE IF ADDITIONAL FERTILIZATION OR LIMING IS NEEDED.



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

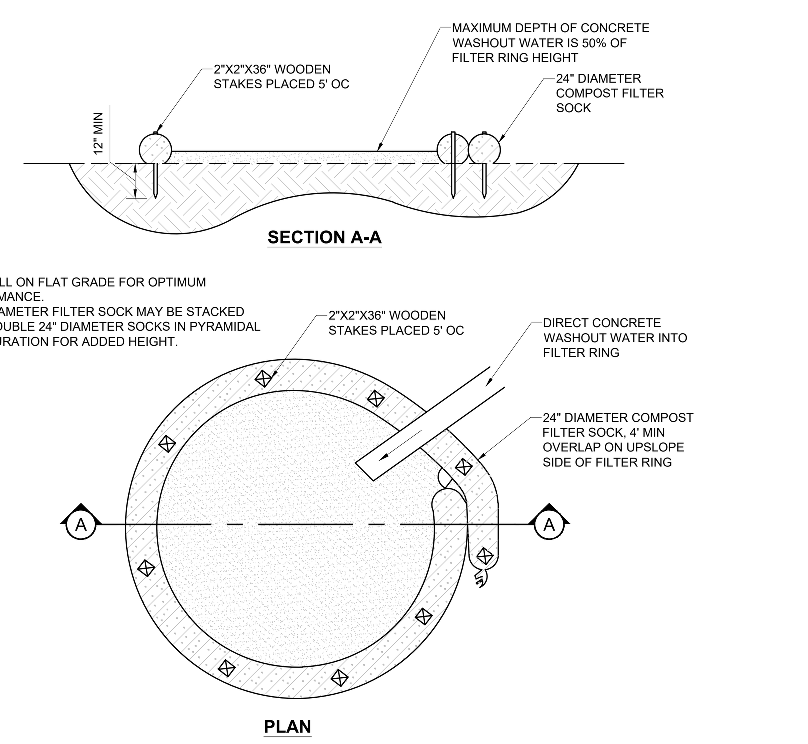
ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT. AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

STANDARD CONSTRUCTION DETAIL #4-15
FILTER BAG INLET PROTECTION - TYPE C INLET

NOT TO SCALE (PADEP - MARCH 2012)



NOTES:

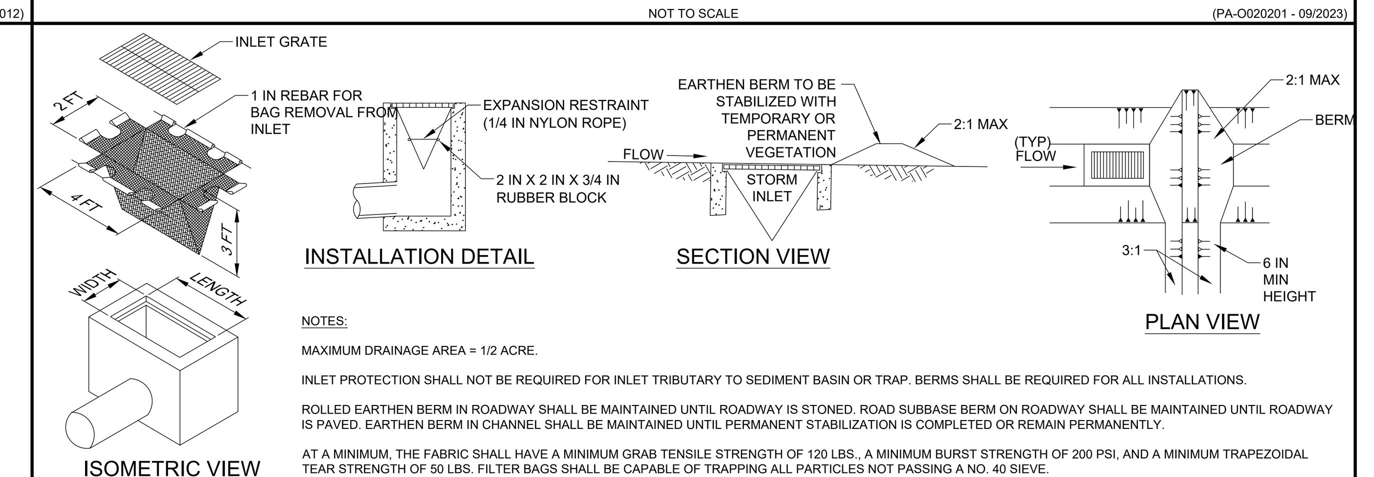
1.) INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
2.) 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

CONCRETE WASHOUT NOTES:
-UNDER NO CIRCUMSTANCES MAY WASH WATER FROM THESE VEHICLES BE ALLOWED TO ENTER ANY SURFACE WATERS.
-WASHOUT FACILITIES SHOULD NOT BE PLACED WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES OR SURFACE WATERS.
-SHOULD BE A MINIMUM OF 10 FEET WIDE AND PROVIDE AT LEAST 12 INCHES OF FREEBOARD ABOVE THE LIQUID AND SOLID WASTE ANTICIPATED BETWEEN CLEANOUT INTERVALS. -THE PIT SHOULD BE LINED WITH PLASTIC SHEETING OF AT LEAST 10-MIL THICKNESS (WITH NO HOLES OR TEARS) TO PREVENT LEACHING OF LIQUIDS INTO THE GROUND. -ALL CONCRETE WASHOUT FACILITIES SHOULD BE INSPECTED DAILY. DAMAGED OR LEAKING WASHOUTS SHOULD BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. -ACCUMULATED MATERIALS SHOULD BE REMOVED WHEN THEY REACH 75% CAPACITY. -PLASTIC LINERS SHOULD BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.

TYPICAL COMPOST SOCK WASHOUT INSTALLATION

NOT TO SCALE (PA-O020201 - 09/2023)



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

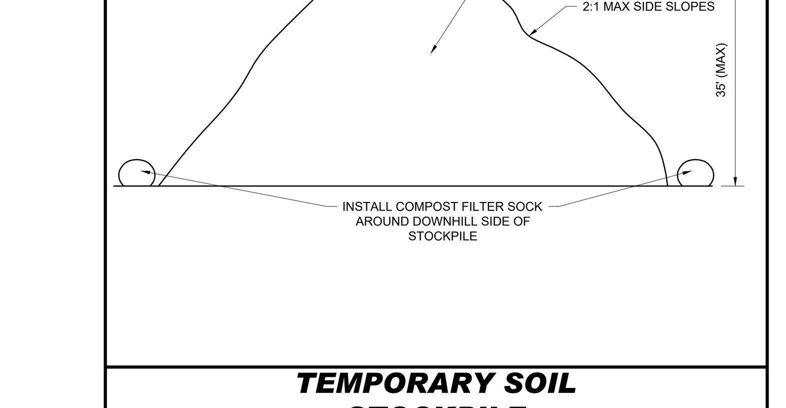
DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

STANDARD CONSTRUCTION DETAIL #4-16
FILTER BAG INLET PROTECTION - TYPE M INLET

NOT TO SCALE (PADEP - MARCH 2012)

SEEDING SPECIFICATIONS

1. SEEDING DATES
   A. SEEDING SHALL OCCUR BETWEEN MARCH 1ST AND MAY 15TH OR BETWEEN AUGUST 15TH AND NO LATER THAN OCTOBER 15TH.
   B. IF SEEDING CANNOT BE CONDUCTED DURING THE TIMEFRAMES NOTED ABOVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL CONSERVATION DISTRICT AND ALL APPROPRIATE AGENCIES TO DETERMINE AN ACCEPTABLE MEANS IN WHICH TO STABILIZE THE SITE THROUGH THE NEXT GROWING SEASON.
2. SEED MIXTURES: SEED MIXTURE TO BE USED ON THIS SITE SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE NOTED ON THE PLANS. RATES ARE IN THE FORM OF POUNDS PER ACRE (LB/A) PER PURE LIVE SEED (POUNDS / ACRE PLS). CONTRACTOR WILL NEED TO ADJUST ACCORDINGLY BASED ON THE SEED GERMINATION AND PURITY RATING (SEE ITEM #3 BELOW).
   A. TEMPORARY SEED MIXTURES: DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE DISTURBED AGAIN WITHIN TWELVE (12) MONTHS MUST BE SEEDED WITH A TEMPORARY SEED MIXTURE AS FOLLOWS:
      ANNUAL RYE (40 POUNDS / ACRE PLS)
      OR SPRING OATS (96 POUNDS / ACRE PLS)
      OR WINTER RYE (168 POUNDS / ACRE PLS)
      (REFERENCE: PENN STATE "EROSION CONTROL & CONSERVATION PLANTINGS ON NONCROPLAND", TABLE 5)
   B. PERMANENT SEEDING SHALL CONSIST OF A NURSE CROP PLUS A PERMANENT SEED MIXTURE, AS FOLLOWS:
      I. NURSE CROP (SELECT ONE):
         ANNUAL RYE (10 POUNDS / ACRE PLS)
         OR SPRING OATS (64 POUNDS / ACRE PLS)
         OR WINTER RYE (56 POUNDS / ACRE PLS)
         (REFERENCE: PA DEP EROSION AND SEDIMENT CONTROL PROGRAM MANUAL, LATEST EDITION, TABLE 11.4, SEED MIX #1)
      II. PERMANENT SEED MIX:
         FINE FESCUE (35 POUNDS / ACRE PLS)
         OR KENTUCKY BLUEGRASS (25 POUNDS / ACRE PLS) PLUS REDTOP (3 POUNDS / ACRE PLS)
         OR PERENNIAL RYEGRASS (15 POUNDS / ACRE PLS)
         (REFERENCE: PA DEP EROSION AND SEDIMENT CONTROL PROGRAM MANUAL, LATEST EDITION, TABLE 11.4, SEED MIX #2) PER PADEP: TALL FESCUES ARE NOT TO BE USED DUE TO THEIR INVASIVE STATUS, DESPITE THE MENTION OF TALL FESCUES WITHIN THE E&S MANUAL.
3. PURE LIVE SEED: MINIMUM PLS RATING ACCEPTED SHALL BE 85% PLS. SEED RATE MAY NEED TO BE ADJUSTED BASED ON THE PLS RATING OF THE SEED.
   A. SEED USED FOR THE PURPOSE OF PERMANENT STABILIZATION SHALL BE LABELED WITH GERMINATION AND PURITY PERCENTAGES. UNLABELED SEED WILL BE REJECTED. SEED SHALL NOT BE USED MORE THAN ONE (1) YEAR BEYOND THE LABEL DATE.
   B. DETERMINING THE PERCENT PURE LIVE SEED (PERCENT PLS) OF A LABELED SEED: MULTIPLY BY THE PERCENTAGE OF PURE SEED BY THE PERCENTAGE OF GERMINATION AND DIVIDE THE RESULT BY 100 ((%PURE X %GERMINATION) / 100)
   C. DETERMINING THE ACTUAL SEED RATE: SIMPLY DIVIDE THE PERCENT PLS RATING OF THE SEED INTO THE PLS REQUIRED, AS NOTED ABOVE. THE RESULT IS THE POUNDS OF SEED REQUIRED. FOR EXAMPLE: IF THE REQUIRED RATE IS 64 POUNDS PLS, AND THE SEED IS RATED AT 35% PLS, DIVIDE 64 BY 0.35 TO GET 182.9 POUNDS, WHICH IS THE AMOUNT OF THAT SEED REQUIRED PER ACRE.
4. APPLICATION OF SEED: SEEDING SHALL BE APPLIED AND ESTABLISHED IN ACCORDANCE WITH THE "EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL" AS PUBLISHED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER QUALITY PROTECTION (MOST RECENT EDITION).
   A. SEEDING SHALL TAKE PLACE DURING TIMEFRAME NOTED IN THE SEEDING DATES SECTION ABOVE.
   B. SEED SHALL BE APPLIED IN A NON-COMPACTED, ROUGHENED TOPSOIL.
   C. SEED MAY BE APPLIED THROUGH ANY OF THE FOLLOWING MEANS AND METHODS, OR OTHER ACCEPTED INDUSTRY PRACTICES, UNLESS SPECIFICALLY NOTED OTHERWISE ON THESE PLANS:
      I. DRILL SEEDING
      II. BROADCAST SEEDING (TWO DIRECTIONS)
      III. HYDROSEEDING (TWO DIRECTIONS)
   D. ALL SEED SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED UNTIL A 70% PERENNIAL COVER IS ACHIEVED:
      I. TEMPORARY STABILIZATION WITH STRAW:
         1. STRAW MULCH SHALL BE APPLIED ON TOP OF THE FRESHLY SEEDED AREAS AT A RATE OF 3 TONS PER ACRE (4 TONS PER ACRE BETWEEN NOVEMBER 1ST AND MARCH 1ST).
         2. STRAW SHALL BE STABILIZED WITH A WOOD OR PAPER FIBER MULCH AND TACKIFIER SOLUTION IN ACCORDANCE WITH THE PRODUCT MANUFACTURER'S SPECIFICATIONS.
      II. TEMPORARY/PERMANENT STABILIZATION WITH EROSION CONTROL MATTING/BLANKETS (WHERE SPECIFIED):
         1. MATTING/BLANKETS SHALL BE INSTALLED IN AREAS AS NOTED ON THE EROSION & SEDIMENT CONTROL PLAN OR WITHIN 50 FEET OF PONDS, STREAMS OR WETLANDS. THE PRODUCT SHALL BE INSTALLED AND STAPLED ON TOP OF THE SEEDING IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
         2. AREAS WITH MATTING/BLANKETS SHALL NOT BE TRACKED (CATWALKED) AFTER INSTALLATION.
         3. MATTING/BLANKETS SHALL BE VISUALLY INSPECTED DAILY TO ENSURE THAT THE PRODUCT IS FUNCTIONING PROPERLY, IS HELD FAST TO THE SOIL SURFACE AND IS IN GOOD CONDITION.
   E. ONCE SEED HAS BEEN SET, VEHICULAR TRAFFIC OR OTHER SOURCES OF COMPACTION SHALL BE AVOIDED
5. IRRIGATION: NEW SEED APPLICATIONS SHOULD BE SUPPLIED WITH ADEQUATE WATER, A MINIMUM OF ¼" TWICE A DAY, UNTIL VEGETATION IS WELL ESTABLISHED (A MINIMUM OF 75% COVER).



TEMPORARY SOIL STOCKPILE

NOT TO SCALE (PA-O060101 - 09/2023)

EROSION AND SEDIMENTATION NOTES AND DETAILS

REVISIONS	BY

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MECHANICSBURG, PA 17055
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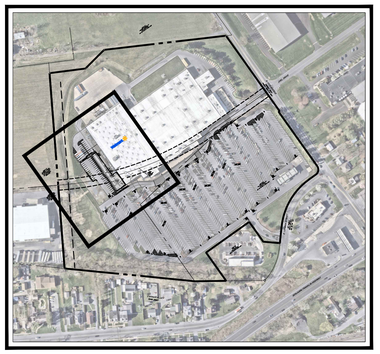
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LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

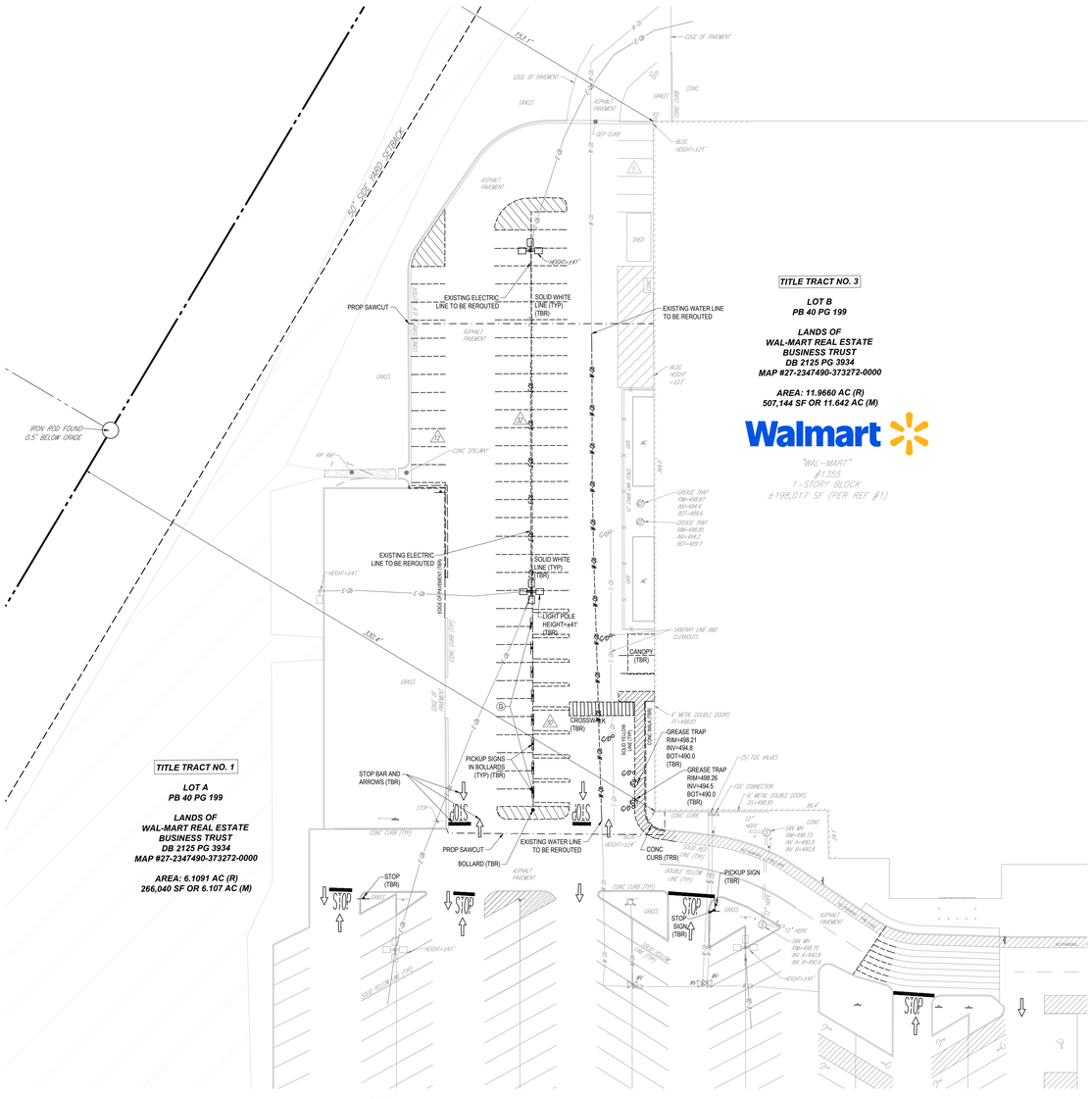
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EEG
DATE
06/08/2026
SCALE
AS NOTED
JOB No.
PAC250150.00
SHEET
ES-2



KEY MAP
SCALE: 1" = 300'

SITE LEGEND
ALL DETAIL REFERENCES ON SHEET DTL-1

- (A) 4" WIDE YELLOW PAVEMENT MARKING @ 2' OC @ 45°.
- (B) PICKUP BREAKAWAY SIGN MOUNTING AND BASE (WITHIN CURBED ISLAND). (3' FROM FACE OF CURB. SEE DETAIL)
- (C) ASSOCIATE PATH CROSSWALK STRIPING. SEE DETAIL.
- (D) PICKUP PARKING SIGNAGE. SEE DETAIL.
- (E) PICKUP PARKING SIGN MOUNTING AND BASE IN PROTECTIVE BOLLARD. SEE DETAIL.
- (F) PICKUP PARKING STALL. SEE DETAIL.
- (G) PICKUP SIGN PANEL AND SIGN POST TO BE REMOVED.
- (H) PICKUP SIGN PANEL TO BE REMOVED.
- (I) PROP. "STOP HERE FOR PEDESTRIANS" SIGN MOUNTED IN PROP. BOLLARD. REFER TO SIGN MOUNTING DETAIL.
- (J) NEW PICKUP BANNER SIGN MOUNTED TO EXISTING LIGHT POLE. TOP OF SIGN SHALL BE SET 18 FT. ABOVE FINISHED GRADE. SEE DETAIL.
- (K) PROP. STANDARD PARKING STALL WITH YELLOW PAVEMENT MARKINGS.
- (L) PROP. 30"x30" STOP SIGN MOUNTED IN PROP. BOLLARD. SEE DETAIL.



TITLE TRACT NO. 3

LOT B
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 11.9660 AC (R)
507,144 SF OR 11.642 AC (M)

"WAL-MART"
#1.355
1-STORY BLOCK
±198,017 SF (PER REF. #1)

TITLE TRACT NO. 1

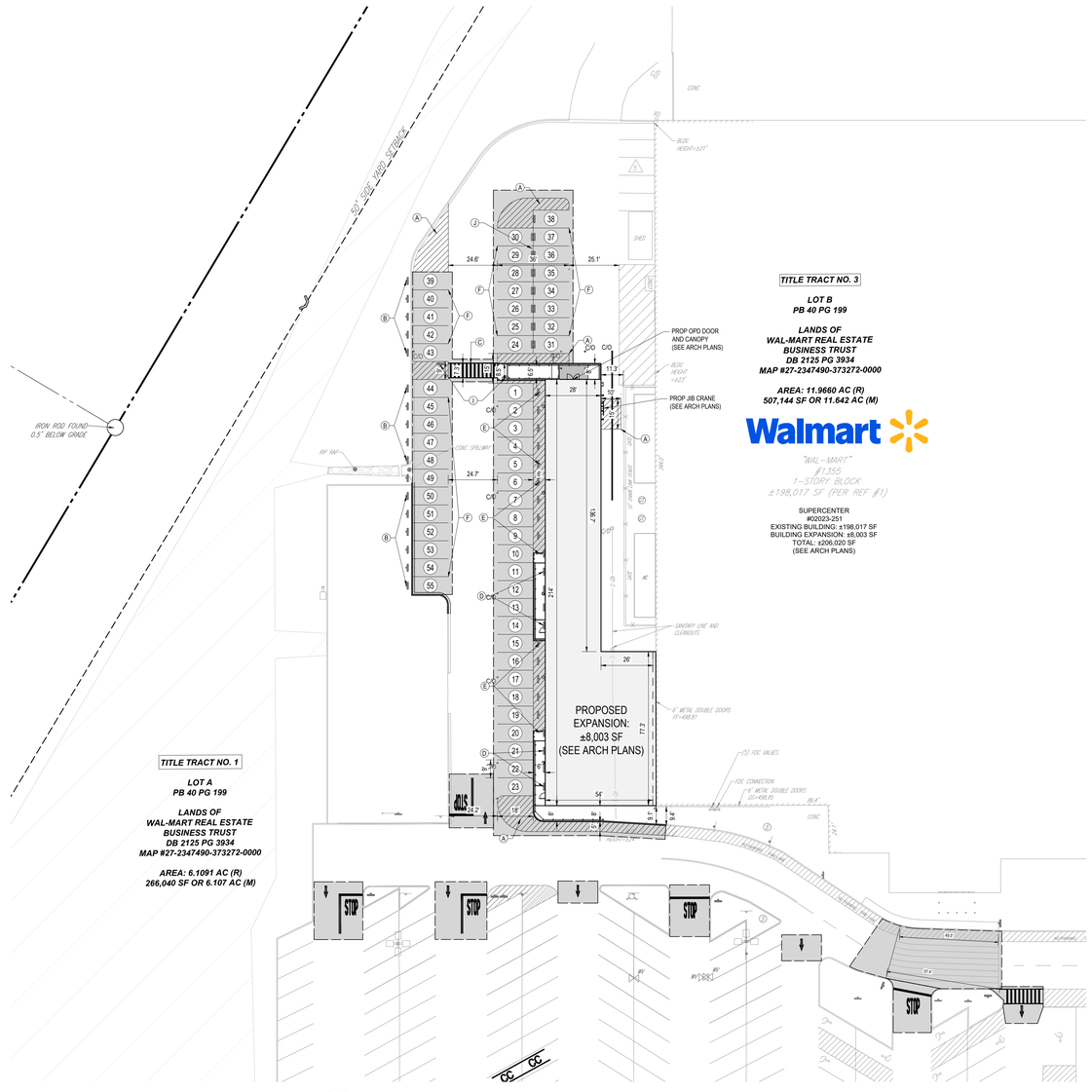
LOT A
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 6.1091 AC (R)
266,040 SF OR 6.107 AC (M)

DEMOLITION PLAN

30 15 7.5 0 30
1"= 30'



TITLE TRACT NO. 3

LOT B
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 11.9660 AC (R)
507,144 SF OR 11.642 AC (M)

"WAL-MART"
#1.355
1-STORY BLOCK
±198,017 SF (PER REF. #1)

SUPERCENTER
#02023-251
EXISTING BUILDING: ±198,017 SF
BUILDING EXPANSION: ±8,003 SF
TOTAL: ±206,020 SF
(SEE ARCH PLANS)

TITLE TRACT NO. 1

LOT A
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 6.1091 AC (R)
266,040 SF OR 6.107 AC (M)

SITE CONSTRUCTION PLAN

30 15 7.5 0 30
1"= 30'

REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION (SHEET NS-1)

SEALCOAT NOTE:
CONTRACTOR SHALL INSTALL SEAL COAT ON EXISTING ASPHALT PAVING AT ANY STRIPED AREA THAT IS PART OF THE PICKUP SCOPE OF WORK AND ADDITIONAL ASSOCIATED PARKING SPACES REQUIRED TO BE STRIPED AS SHOWN ON THESE PLANS. FOR EXISTING CONCRETE SURFACES, GC IS TO PREPARE THE SURFACE FOR PAINT ONLY. IN LOCATIONS WHERE EXISTING PAVEMENT MARKINGS CONFLICT OR ARE CALLED OUT AS TO BE REMOVED, PAVEMENT MARKING REMOVAL SHALL OCCUR PER SHEET CSS-1, SECTION TITLED "PAVEMENT MARKINGS SPECIFICATION", PART 3, SECTIONS 3.2 & 3.3.

ALL PICKUP WAY FINDING AND STALL SIGNS ARE WALMART SUPPLIED AND CONTRACTOR INSTALLED. CONTRACTOR TO PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER SHALL BE PLACED THROUGH QUICKBASE USING THE "SIGN SHOP ORDERS" APPLICATION

SITE PLAN

REVISIONS	BY

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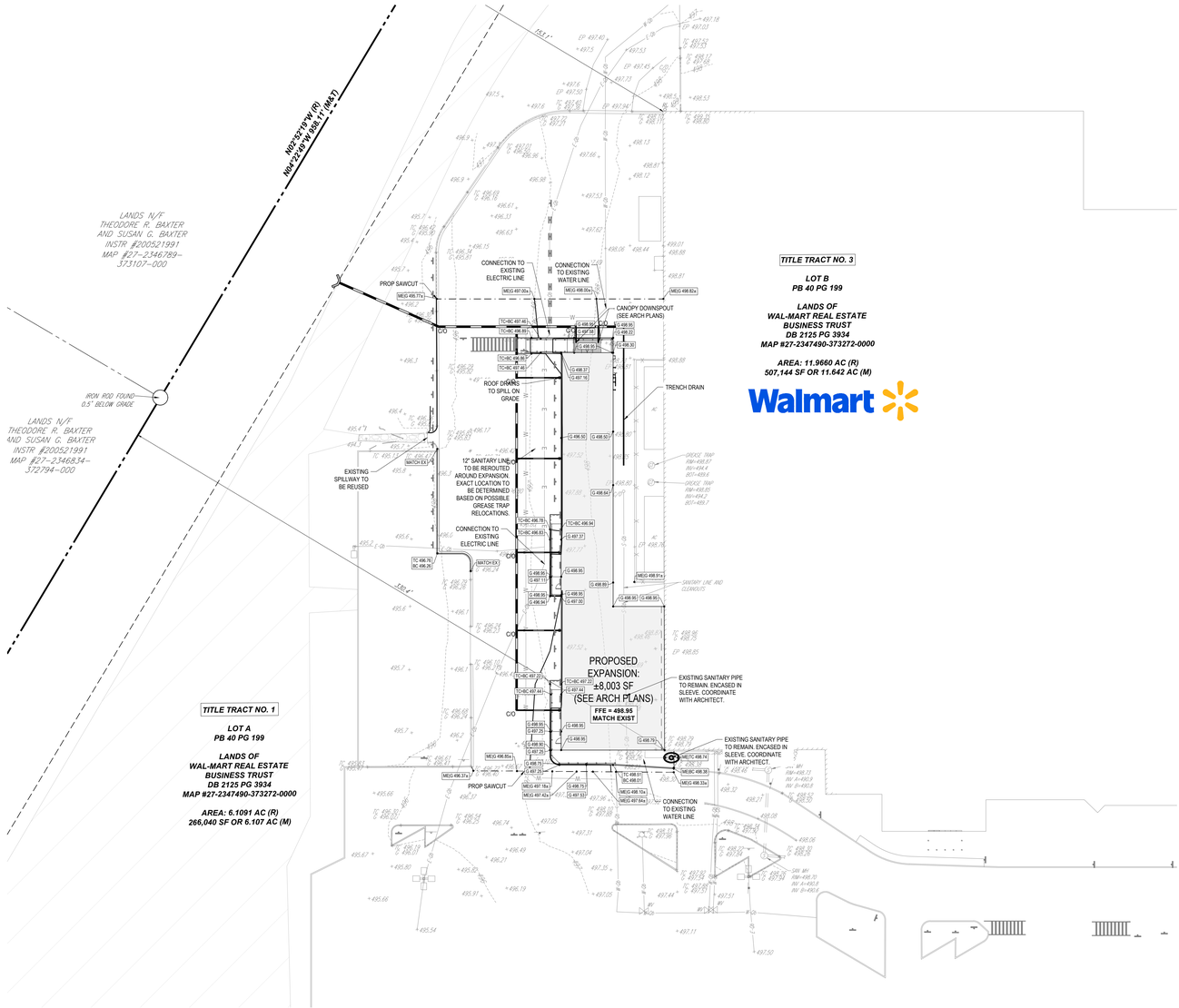
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SHEET	SP-1



TITLE TRACT NO. 3

LOT B
PB 40 PG 199

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BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 6.1091 AC (R)
266,040 SF OR 6.107 AC (M)

GRADING PLAN

30 15 7.5 0 30
1"= 30'

REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION (SHEET NS-1)

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTE:
THIS SITE PLAN WAS DEVELOPED BASED ON PLANS REFERENCED ON SHEET COV-1 AND SUPPLEMENTED WITH NEARMAP AERAIL IMAGERY AND A SITE VISIT ON 11/05/2025. DEPICTION OF EXTENTS OF EXISTING FEATURES ARE APPROXIMATE. ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

GRADING AND DRAINAGE PLAN

REVISIONS	BY

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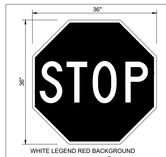
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SHEET	GD-1

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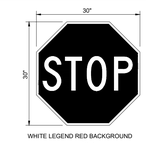


WHITE LEGEND RED BACKGROUND
R1-1

NOTES:
1. 36" STOP SIGN SHALL BE MOUNTED ON DOUBLE POST WITH BREAK AWAY POST.
2. SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

36"X36" STOP SIGN AT HIGHWAY/STREET INTERSECTIONS

N.T.S.



WHITE LEGEND RED BACKGROUND
R1-1

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

30"X30" STOP SIGN WITHIN PARKING LOT

N.T.S.



LEGEND, BORDER - BLACK
BACKGROUND - WHITE (RETROREFLECTIVE)
STOP SYMBOL - RED (RETROREFLECTIVE)

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

R1-5B

STOP FOR PEDESTRIANS

N.T.S.

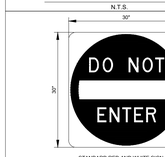


WHITE LEGEND RED BACKGROUND
R1-3P

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

"ALL WAY" PLAQUE

N.T.S.

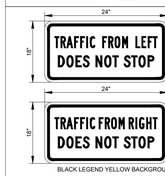


STANDARD RED AND WHITE SIGN
R5-1

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

"DO NOT ENTER" SIGN

N.T.S.



(SEE DIRECTION INDICATED AT SYMBOL)

BLACK LEGEND YELLOW BACKGROUND
W4-4A

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

"LEFT/RIGHT TRAFFIC" PLAQUE

N.T.S.



BLACK LEGEND YELLOW BACKGROUND

NOTE:
1. SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

W4-4bP

"ONCOMING TRAFFIC" PLAQUE AT HIGHWAY/PUBLIC STREET INTERSECTIONS

N.T.S.



BLACK LEGEND YELLOW BACKGROUND

NOTE:
1. SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

W4-4bP

"ONCOMING TRAFFIC" PLAQUE WITHIN PARKING LOT

N.T.S.



BLACK LEGEND YELLOW BACKGROUND

NOTE:
1. SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

W4-4P

"CROSS TRAFFIC" PLAQUE AT HIGHWAY/PUBLIC STREET INTERSECTIONS

N.T.S.



BLACK LEGEND YELLOW BACKGROUND

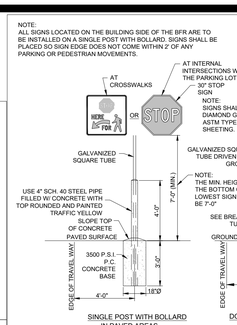
NOTE:
1. SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

W4-4P

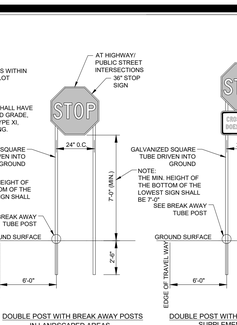
"CROSS TRAFFIC" PLAQUE WITHIN PARKING LOT

N.T.S.

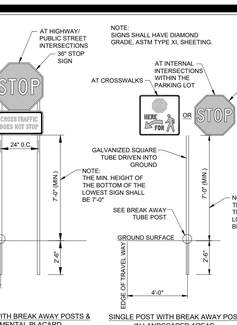
NOTE:
ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR ARE TO BE INSTALLED ON A SINGLE POST WITH BOLLARD. SIGNS SHALL BE PLACED SO SIGN EDGE DOES NOT COME WITHIN 2' OF ANY PARKING OR PEDESTRIAN MOVEMENTS.



SINGLE POST WITH BOLLARD IN PAVED AREAS

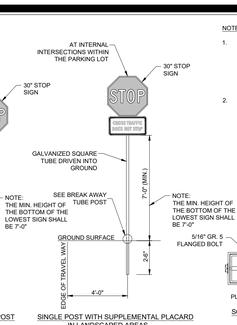


DOUBLE POST WITH BREAK AWAY POSTS IN LANDSCAPED AREAS

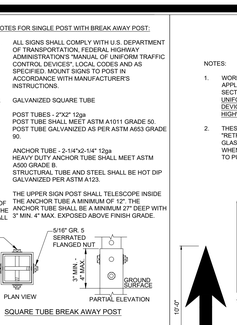


DOUBLE POST WITH BREAK AWAY POSTS & SUPPLEMENTAL PLACARD IN LANDSCAPED AREAS

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.



SINGLE POST WITH BREAK AWAY POST IN LANDSCAPED AREAS



SINGLE POST WITH SUPPLEMENTAL PLACARD IN LANDSCAPED AREAS

NOTES FOR SINGLE POST WITH BREAK AWAY POST:

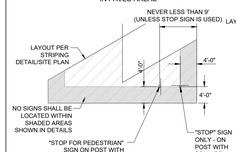
1. ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. GALVANIZED SQUARE TUBE

POST TUBES - 2"x2" 12ga
POST TUBE SHALL MEET ASTM A1011 GRADE 50.
POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.

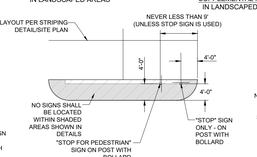
ANCHOR TUBE - 2-1/4"x2-1/4" 12ga
HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A500 GRADE B.
STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.

THE UPPER SIGN POST SHALL TELESCOPE INSIDE THE ANCHOR TUBE A MINIMUM OF 12". THE ANCHOR TUBE SHALL BE A MINIMUM 2'-0" DEEP WITH 3" MIN. 4" MAX. EXPOSED ABOVE FINISH GRADE.

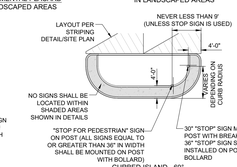
SQUARE TUBE BREAK AWAY POST



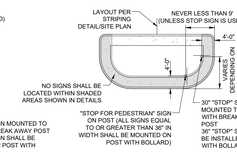
PAINTED ENDCAP - 60° SIGN LOCATIONS - 60° PARKING



PAINTED ENDCAP - 90° SIGN LOCATIONS - 90° PARKING



CURBED ISLAND - 60° SIGN LOCATIONS - 60° PARKING



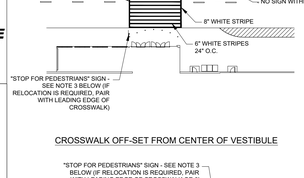
CURBED ISLAND - 90° SIGN LOCATIONS - 90° PARKING

NOTES FOR SINGLE POST WITH BOLLARD:

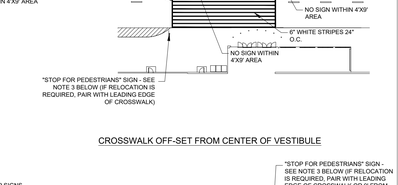
1. ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. GALVANIZED SQUARE TUBE POST TUBES - 2"x2" 12ga POST TUBE SHALL MEET ASTM A1011 GRADE 50. POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.

SIGN MOUNTING AND BASE

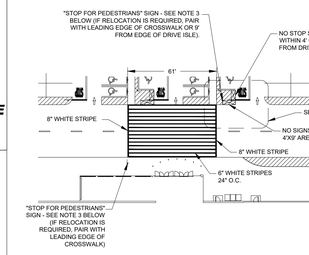
N.T.S.



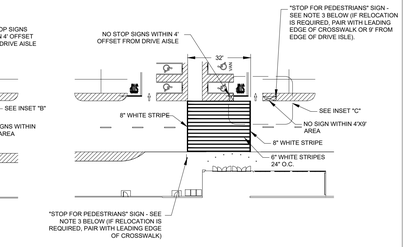
CROSSWALK OFF-SET FROM CENTER OF VESTIBULE



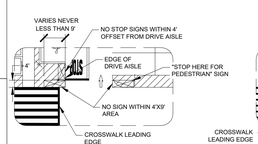
CROSSWALK OFF-SET FROM CENTER OF VESTIBULE



CROSSWALK OFF-SET FROM CENTER OF VESTIBULE

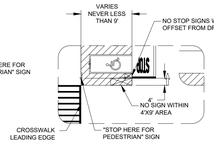


CROSSWALK CENTERED ON VESTIBULE



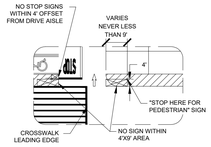
INSET "A"
"STOP HERE FOR PEDESTRIAN" SIGN LOCATION WHEN LEADING EDGE OF CROSSWALK LANDS BETWEEN DRIVE AISLE AND ACCESSIBLE PATH.

CROSSWALK CENTERED ON VESTIBULE



INSET "B"
"STOP HERE FOR PEDESTRIAN" SIGN LOCATION WHEN LEADING EDGE OF CROSSWALK IS ALIGNED WITH EDGE OF ACCESSIBLE PATH.

CROSSWALK CENTERED ON VESTIBULE

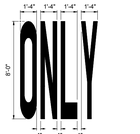


INSET "C"
"STOP HERE FOR PEDESTRIAN" SIGN LOCATION WHEN LEADING EDGE OF CROSSWALK LANDS BEFORE OR WITHIN DRIVE AISLE.

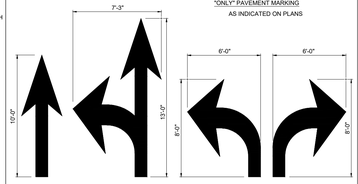
NOTES:
1. REFERENCE EACH VESTIBULE ON THE SITE PLAN FOR FINAL LAYOUT, DIMENSIONS AND SIGN LOCATION.
2. SEE INSETS "A", "B" AND "C" FOR SIGN LOCATION FOR EACH OF THE THREE OPTIONS.
3. ONLY RELOCATE SIGN POST IF OFFSET MORE THAN 9' FROM LEADING EDGE OF CROSSWALK (EITHER SIDE IN EITHER DIRECTION) ALONG FRONT DRIVE.

SIGN LOCATION AND VESTIBULE CROSSWALK STRIPING (APPLICABLE TO STRIPED OR RAISED ISLANDS BASED ON SITE CONDITIONS) (MODIFIED)

NOTES:
1. WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS ARE TO BE PAINTED "RETROREFLECTIVE WHITE WITH GLASS BEADS", PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.



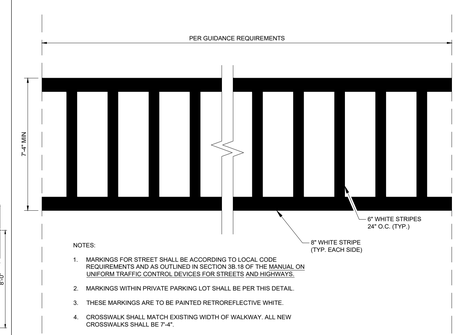
"ONLY" PAVEMENT MARKING AS INDICATED ON PLANS



SOLID ARROW MARKINGS AS INDICATED ON PLANS PAINTED "RETROREFLECTIVE WHITE"

SOLID ARROW PAVEMENT MARKINGS

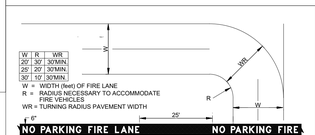
N.T.S.



NOTES:
1. MARKINGS FOR STREET SHALL BE ACCORDING TO LOCAL CODE REQUIREMENTS AND AS OUTLINED IN SECTION 3B.18 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. MARKINGS WITHIN PRIVATE PARKING LOT SHALL BE PER THIS DETAIL.
3. THESE MARKINGS ARE TO BE PAINTED RETROREFLECTIVE WHITE.
4. CROSSWALK SHALL MATCH EXISTING WIDTH OF WALKWAY. ALL NEW CROSSWALKS SHALL BE 7'-4".

CROSSWALK MARKING W/ LONGITUDINAL STRIPES (MODIFIED)

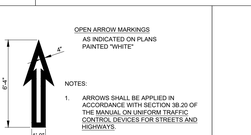
N.T.S.



1 FIRE LANE STRIPING SHALL BE 4" RED STRIPES WITH 4" INCH WHITE LETTERS READING "NO PARKING FIRE LANE" STRIPING SHALL BE PLACED ON THE TOP EDGE OF THE SIDEWALK ABUTTING THE PAVED DRIVE OR AS SPECIFIED BY LOCAL REQUIREMENTS.

FIRE LANE MARKING

N.T.S.



NOTES:
1. ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. OPEN ARROWS SHALL CONSIST OF A 4" PERIMETER STRIPE.

OPEN ARROW PAVEMENT MARKINGS (MODIFIED)

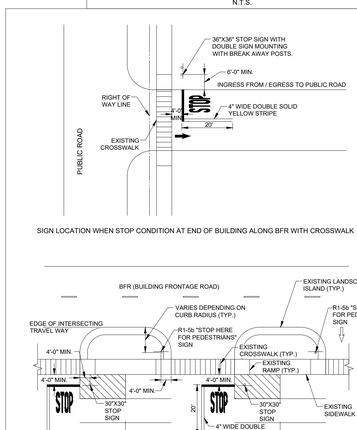
N.T.S.



LETTERS SHALL BE SHALL BE PAINTED WHITE

PHARMACY PAVEMENT MARKING

N.T.S.

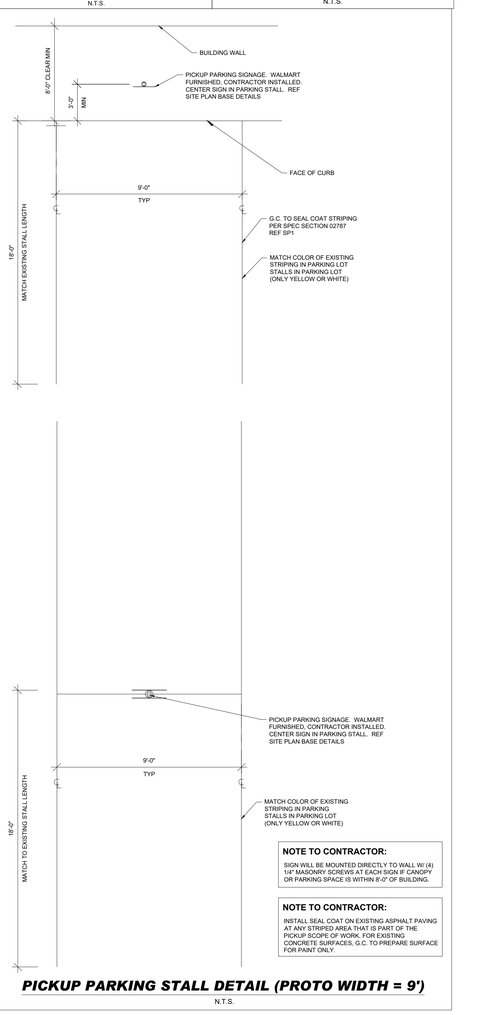


SIGN LOCATION WHEN STOP CONDITION AT END OF BUILDING ALONG BFR WITH CROSSWALK

SIGN LOCATION WHEN STOP CONDITION AT BFR WITH CROSSWALK ON PARKING LOT SIDE

STOP SIGN LOCATION WHERE STOP BAR AND PAVEMENT MARKING CONFILTS WITH CROSSWALK MARKINGS

N.T.S.



NOTE TO CONTRACTOR:
SIGN WILL BE MOUNTED DIRECTLY TO WALL W/ (4) 1/4" MASONRY SCREWS AT EACH SIGN IF CANOPY OR PARKING SPACE IS WITHIN 8'-0" OF BUILDING.

NOTE TO CONTRACTOR:
INSTALL SEAL COAT ON EXISTING ASPHALT PAVING AT ANY STRIPED AREA THAT IS PART OF THE PICKUP SCOPE OF WORK. FOR EXISTING CONCRETE SURFACES, G.C. TO PREPARE SURFACE FOR PAINT ONLY.

PICKUP PARKING STALL DETAIL (PROTO WIDTH = 9')

N.T.S.

DETAIL REFERENCE:
ALL DETAILS ON THIS SHEET HAVE BEEN PROVIDED/PREPARED BY OTHERS AND ARE FROM WALMART SHAREPOINT, DATE VARIES. REFER TO NOTES THIS SHEET.

NOTES REGARDING DETAILS BY OTHERS:
1. DETAILS PREPARED BY OTHERS ARE IDENTIFIED AS SUCH BY WAY OF A TITLE BLOCK, REFERENCE, LOGO, OR OTHER NOTATION.
2. WHERE AN ORIGINAL DETAIL BY OTHERS HAS BEEN MODIFIED, THE MODIFICATIONS ARE IDENTIFIED BY REVISION CLOUDS.
3. REFER TO OUTSIDE SOURCE NOTES ON THE GENERAL NOTES AND LEGEND SHEET.
4. WHEN THE SOURCE OF THE DETAIL IS A REVIEWING/REGULATORY AGENCY, FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. WHEN APPROPRIATE, SHOP DRAWINGS SHALL BE FORWARDED TO THE REVIEWING/REGULATORY AGENCY PRIOR TO FABRICATION.

DETAILS BY OTHERS DISCLAIMER

SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET

REVISIONS	BY

BOHLER
4999 LOUISE DRIVE, SUITE 200
MECHANICSBURG, PA 17055
Phone: (717) 425-2700
www.BohlerEngineering.com

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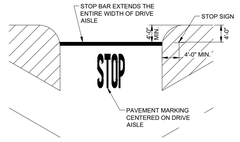
SUPERCENTER 02023.0251
1355 EAST LEHMAN STREET
LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

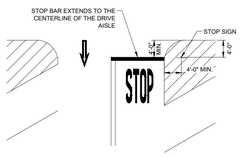
Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	SECP/ SSM DETAILS-1

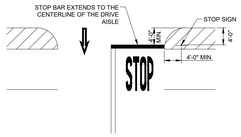
P:\PAC\2025\PAC250150.00\CAD\DRAWINGS\PLAN SET\STORE ENTRANCE CONSISTENCY PROGRAM\P-SECP-CNDS-PAC250150.00-DA.DWG PRINTED BY: RESPINA 7:08:26 @ 10:22 PM LAST SAVED BY: RESPINA



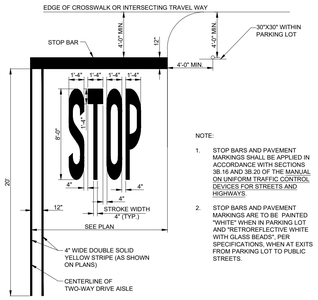
60° PARKING - ONE-WAY DRIVE AISLE



60° PARKING - TWO-WAY DRIVE AISLE



90° PARKING



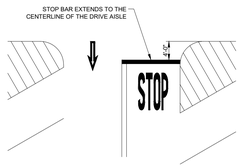
NOTE:

1. STOP BARS AND PAVEMENT MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 3B.16 AND 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. STOP BARS AND PAVEMENT MARKINGS ARE TO BE PAINTED "WHITE" WHEN IN PARKING LOT AND "RETROREFLECTIVE WHITE WITH GLASS BEADS", PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.

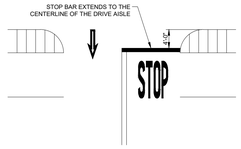
STOP PAVEMENT MARKINGS - PARKING LOT WITH STOP SIGN (AS SHOWN ON PLANS)

N.T.S.

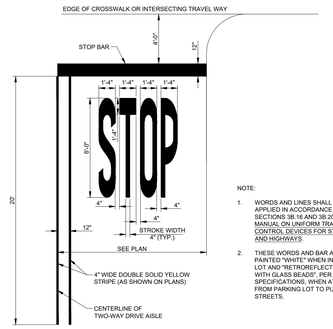
60° PARKING - ONE-WAY DRIVE AISLE



60° PARKING - TWO-WAY DRIVE AISLE



90° PARKING

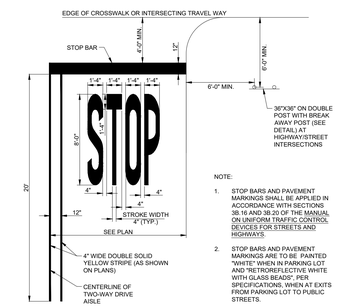


NOTE:

1. WORDS AND LINES SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 3B.16 AND 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND BAR ARE TO BE PAINTED "WHITE" WHEN IN PARKING LOT AND "RETROREFLECTIVE WHITE WITH GLASS BEADS", PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.

STOP PAVEMENT MARKINGS - PARKING LOT WHERE INTERSECTING DRIVES ARE AT 90° WITHOUT STOP SIGN (AS SHOWN ON PLANS)

N.T.S.

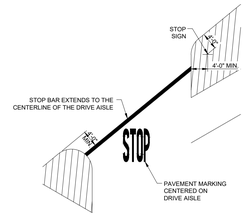


NOTE:

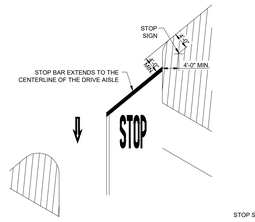
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STOP PAVEMENT MARKINGS - AT HIGHWAY/ PUBLIC STREET INTERSECTION WITH STOP SIGN (AS SHOWN ON PLANS)

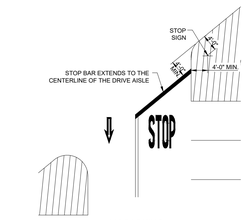
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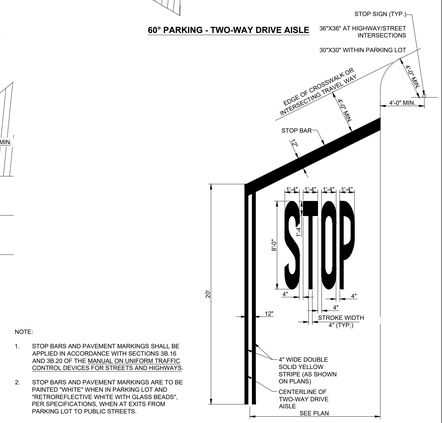
60° PARKING - ONE-WAY DRIVE AISLE



60° PARKING - TWO-WAY DRIVE AISLE



90° PARKING



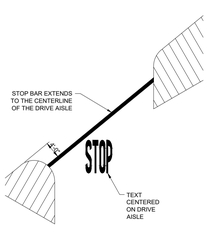
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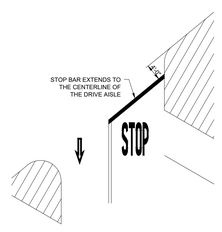
STOP PAVEMENT MARKINGS - PARKING LOT WHERE INTERSECTING DRIVES ARE NOT AT 90° WITH STOP SIGN (AS SHOWN ON PLANS)

N.T.S.

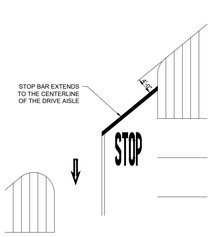
03/16/20



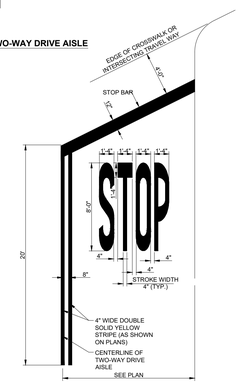
60° PARKING - ONE-WAY DRIVE AISLE



60° PARKING - TWO-WAY DRIVE AISLE



90° PARKING



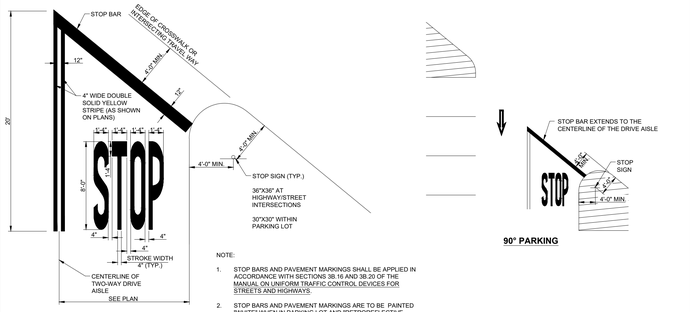
NOTE:

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2. THESE WORDS AND BAR ARE TO BE PAINTED "WHITE" WHEN IN PARKING LOT AND "RETROREFLECTIVE WHITE WITH GLASS BEADS", PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.

STOP PAVEMENT MARKINGS (D) - PARKING LOT WHERE INTERSECTING DRIVES ARE NOT AT 90° WITHOUT STOP SIGN (AS SHOWN ON PLANS)

N.T.S.

03/16/20



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STOP PAVEMENT MARKINGS - PARKING LOT WHERE INTERSECTING DRIVES ARE NOT AT 90° WITH STOP SIGN (AS SHOWN ON PLANS)

N.T.S.

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STOP PAVEMENT MARKINGS (B) - PARKING LOT WHERE INTERSECTING DRIVES ARE NOT AT 90° WITHOUT STOP SIGN (AS SHOWN ON PLANS)

N.T.S.

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DETAILS BY OTHERS DISCLAIMER

SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET

P:\PA\2025\PAC250150.00\CAD\DRAWINGS\PLAN SET\SITE\ENTRANCE CONSISTENCY PROGRAM\P-SECP-CNDS-PAC250150.00-SA.DWG PRINTED BY: RESPINA 7:58:26 @ 10:22 PM LAST SAVED BY: RESPINA

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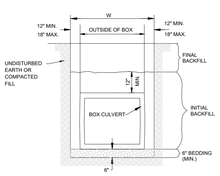
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BENTONVILLE, AR 72716

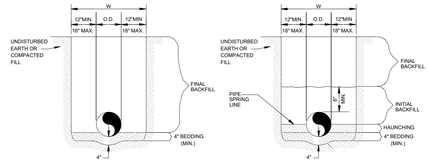
Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	SECP/ SSM DETAILS-2



CONCRETE BOX CULVERT

N.T.S.



REINFORCED CONCRETE PIPE (RCP) AND SPIRAL RIB PIPE SMALLER THAN 60"Ø

N.T.S.

ALL OTHER PIPES INCLUDING SPIRAL RIB PIPE 60"Ø AND LARGER

N.T.S.

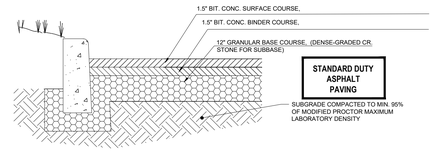
GENERAL NOTES

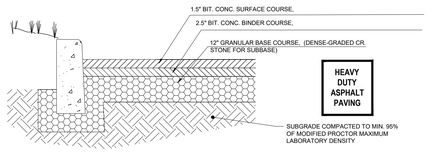
1. BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 85% STANDARD PROCTOR.
2. HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 85% PROCTOR.
3. INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
4. INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS III COMPACTED TO 90% STANDARD PROCTOR.
5. FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3. AND 4.
6. FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV-A COMPACTED TO 95% STANDARD PROCTOR.
7. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-LATEST EDITION.
8. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
9. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
10. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)

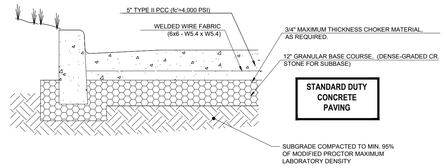
STORM SEWER TRENCH AND BEDDING

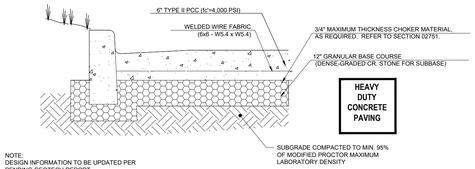
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DTTRENCH	12/2/004	





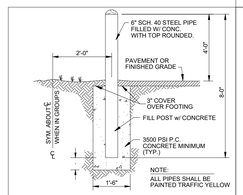




NOTE:
DESIGN INFORMATION TO BE UPDATED PER PENDING GEOTECH REPORT.

PAVING DETAILS

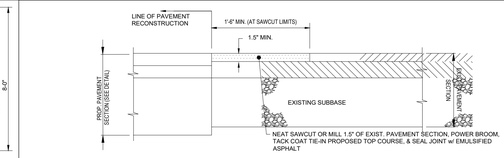
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PIPE BOLLARD DETAIL

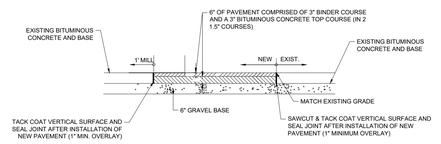
N.T.S.

DTGRDPST	08/17/09



PAVEMENT MILLING BITUMINOUS CONCRETE PAVEMENT TIE-IN

N.T.S.



NOTE: FOR WORK WITHIN THE ROW. PAVEMENT DEPTHS AND SPECIFICATIONS TO CONFORM TO DOT REQUIREMENTS

DRIVEWAY PATCHING

N.T.S.

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DETAILS BY OTHERS DISCLAIMER

DETAIL SHEET

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MECHANICSBURG, PA 17055
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LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	DTL-1

SITE DEMOLITION SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:
1. DEMOLITION OF STRUCTURES, PAVING, AND UTILITIES.
2. PATCHING AND FILLING VOIDS CREATED AS A RESULT OF REMOVALS OR DEMOLITION.

1.2 REGULATORY REQUIREMENTS

A. COMPLIANCE WITH ALL LAWS, INCLUDING SAFETY LAWS, ENVIRONMENTAL LAWS, STORMWATER LAWS AND WORKER VERIFICATION LAWS AS WELL AS REQUIREMENTS FOUND WITHIN THE CONTRACT DOCUMENTS AND THESE SPECIFICATIONS, THAT PERTAIN TO SAFETY COMPLIANCE, ENVIRONMENTAL COMPLIANCE, STORMWATER COMPLIANCE AND WORKER VERIFICATION COMPLIANCE. OBTAIN REQUIRED PERMITS AND LICENSES FROM APPROPRIATE AUTHORITIES. PAY ASSOCIATED FEES INCLUDING DISPOSAL CHARGES.
B. NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS.
C. DO NOT CLOSE OR OBSTRUCT PUBLIC OR PRIVATE ROADWAYS, SIDEWALKS, OR FIRE HYDRANTS WITHOUT APPROPRIATE PERMITS OR WRITTEN AUTHORIZATION.
D. IF HAZARDOUS, CONTAMINATED MATERIALS OR OTHER ENVIRONMENTAL RELATED CONDITIONS ARE DISCOVERED, STOP WORK IMMEDIATELY AND NOTIFY THE WAL-MART CONSTRUCTION MANAGER FOR ACTION TO BE TAKEN. DO NOT RESUME WORK UNTIL SPECIFICALLY AUTHORIZED BY THE CONSTRUCTION MANAGER.

1.3 PROJECT CONDITIONS

A. CONDITIONS EXISTING AT TIME OF INSPECTION FOR BIDDING PURPOSES WILL BE MAINTAINED BY OWNER AS REASONABLY PRACTICAL.
B. UNLESS OTHERWISE INDICATED IN CONTRACT DOCUMENTS OR SPECIFIED BY THE OWNER, ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR SHALL BE REMOVED FROM SITE AND STRUCTURES. STORAGE OR SALE OF REMOVED ITEMS ON SITE WILL NOT BE PERMITTED AND SHALL NOT INTERFERE WITH OTHER WORK SPECIFIED.

PART 2 - PRODUCTS

2.1 FILL MATERIALS

A. FILL MATERIAL SHALL BE AGGREGATE FILL MATERIALS CONSISTING OF STONE, GRAVEL, OR SAND FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS, AND OTHER ORGANIC MATTER.

2.2 CONCRETE

A. MIX CONCRETE AND DELIVER IN ACCORDANCE WITH ASTM C 94.
B. DESIGN MIX TO PRODUCE NORMAL WEIGHT CONCRETE CONSISTING OF PORTLAND CEMENT, AGGREGATE, WATER_REDUCING ADMIXTURE, AIR_ENTRAINING ADMIXTURE, AND WATER TO PRODUCE FOLLOWING:
1. COMPRESSIVE STRENGTH: 3,500 PSI, MINIMUM AT 28 DAYS, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
2. SLUMP RANGE: 1 TO 3-INCHES AT TIME OF PLACEMENT
3. AIR ENTRAINMENT: 5 TO 8 PERCENT

PART 3 - EXECUTION

3.1 PREPARATION

A. PROVIDE, ERECT, AND MAINTAIN EROSION CONTROL DEVICES, TEMPORARY BARRIERS, AND SECURITY DEVICES AT LOCATIONS INDICATED ON CONSTRUCTION DRAWINGS. PROVIDE A COMPREHENSIVE CONSTRUCTION PHASING PLAN FOR THIS WORK TO THE STORE MANAGER 7 DAYS PRIOR TO STARTING ANY WORK. IT IS TO PROVIDE FOR DATES, TIMES AND DURATION OF LANE CLOSURES, TEMPORARY VEHICLE AND PEDESTRIAN TRAFFIC CONTROL.
B. PROTECT EXISTING LANDSCAPING MATERIALS, APPURTENANCES, AND STRUCTURES, WHICH ARE NOT TO BE DEMOLISHED. REPAIR DAMAGE TO EXISTING ITEMS TO REMAIN CAUSED BY DEMOLITION OPERATIONS.
C. PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING AS NECESSARY.
D. MARK LOCATION OF UTILITIES. PROTECT AND MAINTAIN IN SAFE AND OPERABLE CONDITION UTILITIES THAT ARE TO REMAIN. PREVENT INTERRUPTION OF EXISTING UTILITY SERVICE TO OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES AS ACCEPTABLE TO GOVERNING AUTHORITIES AND OWNER.
E. FOR WORK ON OPERATING WALMART SITES, PRIOR TO ANY UNDERGROUND EXCAVATION, CONTRACTOR IS EXPECTED TO OBTAIN CURRENT AND REPRESENTATIVE UNDERGROUND UTILITY PLANS FROM WALMART FOR PRIVATE UTILITIES THAT ARE NOT LOCATED BY OTHERS. THIS IS SPECIFICALLY INTENDED TO PROVIDE APPROXIMATE LOCATIONS FOR WALMART PRIVATE UTILITIES INCLUDING WATER, SEWER, ELECTRICAL, TELEPHONE AND DATA SERVICES.
F. NOTIFY ADJACENT PROPERTY OWNERS OF WORK THAT MAY AFFECT THEIR PROPERTY, POTENTIAL NOISE, UTILITY OUTAGES, OR OTHER DISRUPTIONS. OBTAIN WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNERS WHEN DEMOLITION EQUIPMENT WILL TRAVERSE, INFRINGE UPON, OR LIMIT ACCESS TO THEIR PROPERTY. COORDINATE NOTICE WITH OWNER.

3.2 GENERAL DEMOLITION REQUIREMENTS

A. CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH ADJACENT STRUCTURES OR PAVEMENTS TO REMAIN.
B. CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY AUTHORITY HAVING JURISDICTION. DO NOT RESUME OPERATIONS UNTIL DIRECTED BY AUTHORITY.
C. CONDUCT OPERATIONS WITH MINIMUM OF INTERFERENCE TO PUBLIC OR PRIVATE ACCESS. MAINTAIN INGRESS AND EGRESS AT ALL TIMES OTHER THAN IN SPECIFIC AREAS WHERE WORK IS IN PROGRESS.
D. SPRINKLE WORK WITH WATER TO MINIMIZE DUST. PROVIDE HOSES AND WATER CONNECTIONS FOR THIS PURPOSE.
E. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
F. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO START OF WORK.

3.3 DEMOLITION

A. DEMOLISH SITE IMPROVEMENTS DESIGNATED TO BE REMOVED AS SHOWN ON THE DRAWINGS. SITE IMPROVEMENTS SHALL INCLUDE BUT NOT BE LIMITED TO STRUCTURES, FOUNDATIONS, PAVEMENTS, CURBS AND GUTTERS, DRAINAGE STRUCTURES, UTILITIES, SIGNAGE OR LANDSCAPING.
B. DISCONNECT AND CAP OR REMOVE UTILITIES TO BE ABANDONED AS SHOWN ON THE DRAWINGS.
C. FILL OR REMOVE PIPING AND APPURTENANCES AS SHOWN.
D. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS. BREAK UP CONCRETE SLABS_ON_GRADE THAT ARE 2-FEET OR MORE BELOW PROPOSED SUBGRADE TO PERMIT MOISTURE DRAINAGE. REMOVE SLABS-ON-GRADE AND BELOW GRADE CONSTRUCTION WITHIN 2-FEET OF PROPOSED SUBGRADE.

3.4 PATCHING

A. WHERE IMPROVEMENTS ARE REMOVED FROM PAVED AREAS, PAVEMENTS SHALL BE SAWCUT IN STRAIGHT LINES AT THE PERIMETER AND PATCHED. DAMAGED PAVEMENT ADJACENT TO REMOVED IMPROVEMENTS SHALL ALSO BE REMOVED AND PATCHED.
B. PAVEMENT PATCHES SHALL BE PAVED WITH MINIMUM 6" CONCRETE, BROOM FINISHED AND FLUSH WITH ADJACENT GRADES.

3.5 FILLING VOIDS

A. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OR REMOVAL OF STRUCTURES, ETC., USING AGGREGATE FILL MATERIALS CONSISTING OF STONE, GRAVEL, OR SAND FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS, AND OTHER ORGANIC MATTER.
B. AREAS TO BE FILLED SHALL BE FREE OF STANDING WATER, FROST, FROZEN OR UNSUITABLE MATERIAL, TRASH, AND DEBRIS PRIOR TO FILL PLACEMENT.
C. PLACE FILL MATERIALS IN LIFTS NOT TO EXCEED 6 INCHES LOOSE MEASURE AND COMPACTED TO 95 PERCENT OF MAXIMUM LABORATORY DENSITY PER ASTM D698 WITH MOISTURE CONTENT OF NOT LESS THAN 1 PERCENT BELOW AND NOT MORE THAN 3 PERCENT ABOVE OPTIMUM MOISTURE CONTENT.
D. GRADE SURFACE TO MATCH ADJACENT GRADES AND TO PROVIDE FLOW OF SURFACE DRAINAGE AFTER FILL PLACEMENT AND COMPACTION.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

A. REMOVE FROM SITE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. LEAVE AREAS OF WORK IN CLEAN CONDITION.
B. NO BURNING OF ANY MATERIAL, DEBRIS, OR TRASH ON_SITE OR OFF_SITE WILL BE ALLOWED.
C. TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES WITH APPROPRIATE VEHICLES AND DISPOSE OFF-SITE TO AREAS THAT ARE APPROVED FOR DISPOSAL BY GOVERNING AUTHORITIES AND APPROPRIATE PROPERTY OWNERS.

END OF SECTION

PAVEMENT MARKINGS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:
1. PAINTING AND MARKING OF PAVEMENTS, CURBS, AND GUARD POSTS (BOLLARDS)..

1.2 REFERENCES

A. THE PUBLICATIONS LISTED BELOW FORM A PART OF THIS SPECIFICATION TO THE EXTENT REFERENCED. PUBLICATIONS ARE REFERENCED WITHIN THE TEXT BY THE BASIC DESIGNATION ONLY.
B. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION (AASHTO):
1. AASHTO M247 - GLASS BEADS USED IN TRAFFIC PAINTS
2. AASHTO M248 - READY-MIXED WHITE AND YELLOW TRAFFIC PAINTS
C. MASTER PAINTER'S INSTITUTE (MPI):
1. MPI 32 - TRAFFIC MARKING PAINT, SOLVENT BASED.
2. MPI 97 - TRAFFIC MARKING PAINT, LATEX.
D. ASTM INTERNATIONAL (ASTM):
1. ASTM D4414 - STANDARD PRACTICE FOR MEASUREMENT OF WET FILM THICKNESS BY NOTCHED GAUGES.
E. FEDERAL SPECIFICATIONS (FS):
1. FS A-A-2886 - PAINT, TRAFFIC, SOLVENT BASED (SUPERSEDES FS TT-P-85 AND FS TT-P-115, TYPE I)
2. FS TT-B-1325 - BEADS (GLASS SPHERES) RETRO-REFLECTIVE
3. FS TT-P-1952 - PAINT, TRAFFIC AND AIRFIELD MARKING, WATERBORNE

1.3 PROJECT CONDITIONS

A. MAINTAIN ACCESS FOR VEHICULAR AND PEDESTRIAN TRAFFIC AS REQUIRED FOR OTHER CONSTRUCTION ACTIVITIES. UTILIZE FLAGMEN, BARRICADES, WARNING SIGNS, AND WARNING LIGHTS AS REQUIRED.

PART 2 - PRODUCTS

2.1 MATERIALS

A. PAINT SHALL BE WATERBORNE OR SOLVENT BORNE, COLORS AS SHOWN OR SPECIFIED HEREIN. PAVEMENT MARKING PAINTS SHALL COMPLY WITH APPLICABLE STATE AND LOCAL LAWS ENACTED TO ENSURE COMPLIANCE WITH FEDERAL CLEAN AIR STANDARDS. PAINT MATERIALS SHALL CONFORM TO THE RESTRICTIONS OF THE LOCAL AIR POLLUTION CONTROL DISTRICT.
B. WATERBORNE PAINT: PAINTS SHALL CONFORM TO FS TT-P-1952 AND HAVE MPI 97 APPROVAL.
C. SOLVENT BORNE PAINT: PAINT SHALL CONFORM TO FS A-A-2886 OR AASHTO M248 AND HAVE MPI 32 APPROVAL. PAINT SHALL BE NON_BLEEDING, QUICK_DRYING, AND ALKYD PETROLEUM BASE PAINT SUITABLE FOR TRAFFIC_BEARING SURFACE AND BE MIXED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS BEFORE APPLICATION FOR COLORS WHITE, YELLOW, BLUE, AND RED.
D. GLASS BEADS: AASHTO M 247, TYPE 1 OR FS TT-B-1325, TYPE 1, GRADATION A.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE THE WORK AREA AND CORRECT CONDITIONS DETRIMENTAL TO TIMELY AND PROPER COMPLETION OF THE WORK. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED.

3.2 PREPARATION

A. SWEEP AND CLEAN SURFACE TO ELIMINATE LOOSE MATERIAL AND DUST.
B. WHERE EXISTING PAVEMENT MARKINGS ARE INDICATED ON CONSTRUCTION DRAWINGS TO BE REMOVED OR WOULD INTERFERE WITH ADHESION OF NEW PAINT, A MOTORIZED ABRASIVE DEVICE OR SODA BLASTING SHALL BE USED TO REMOVE THE MARKINGS. EQUIPMENT EMPLOYED SHALL NOT DAMAGE EXISTING PAVING OR CREATE SURFACES HAZARDOUS TO VEHICLE OR PEDESTRIAN TRAFFIC.

3.3 CLEANING EXISTING PAVEMENT MARKINGS

A. REMOVE EXISTING PAVEMENT MARKINGS WHICH ARE IN GOOD CONDITION BUT INTERFERE OR CONFLICT WITH THE NEWLY APPLIED MARKING PATTERNS AND AS NOTED ON PLANS. DETERIORATED OR OBSCURED MARKINGS THAT ARE NOT MISLEADING OR CONFUSING OR DO NOT INTERFERE WITH THE ADHESION OF THE NEW MARKING MATERIAL DO NOT REQUIRE REMOVAL. CONDUCT GRINDING, SODA BLASTING OR OTHER OPERATIONS IN SUCH A MANNER THAT THE FINISHED PAVEMENT SURFACE IS NOT DAMAGED OR LEFT IN A PATTERN THAT IS MISLEADING OR CONFUSING. USE DUST COLLECTION SYSTEM WHEN REMOVING EXISTING PAVEMENT MARKINGS. COMPLY WITH THE REQUIREMENTS OF SECTION 01351 REGULATORY COMPLIANCE SUPPLEMENT FOR MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTES.

3.4 APPLICATION

A. APPLY TWO COATS OF SAME COLOR OF PAINT AS SPECIFIED BELOW, AT MANUFACTURER'S RECOMMENDED RATE, WITHOUT ADDITION OF THINNER, WITH MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED TO PROVIDE A MINIMUM WET FILM THICKNESS OF 15 MILS AND DRY FILM THICKNESS OF 7 ½ MILS PER COAT. PAINT SHALL BE APPLIED FOR A TOTAL DRY FILM THICKNESS OF 15 MILS. APPLY WITH MECHANICAL EQUIPMENT TO PRODUCE UNIFORM STRAIGHT EDGES. AT SIDEWALK CURBS AND CROSSWALKS, USE STRAIGHTEDGE TO ENSURE UNIFORM, CLEAN, AND STRAIGHT STRIPE.
B. INSTALL PAVEMENT MARKINGS ACCORDING TO MANUFACTURER'S RECOMMENDED PROCEDURES FOR THE SPECIFIED MATERIAL.
C. FOLLOWING ITEMS SHALL BE PAINTED WITH COLORS NOTED BELOW:
1. PEDESTRIAN CROSSWALKS: WHITE
2. EXTERIOR SIDEWALK CURBS AND GUARD POSTS: YELLOW
3. EXTERIOR LIGHT POLE BASES: YELLOW (UNLESS OTHERWISE NOTED ON CONSTRUCTION DETAIL).
4. FIRE LANES: RED OR PER LOCAL CODE.
5. LANE STRIPING WHERE SEPARATING TRAFFIC MOVING IN OPPOSITE DIRECTIONS: YELLOW.
6. LANE STRIPING WHERE SEPARATING TRAFFIC MOVING IN THE SAME DIRECTION: WHITE.
7. ADA SYMBOLS: BLUE OR PER LOCAL CODE.
8. ADA PARKING SPACE MARKINGS AS SHOWN ON THE DRAWINGS.
9. PARKING STALL STRIPING: YELLOW, UNLESS OTHERWISE NOTED ON CONSTRUCTION DRAWINGS.
10. ASSOCIATE PARKING AREA: WHITE, UNLESS OTHERWISE NOTED ON CONSTRUCTION DRAWINGS.
D. APPLY GLASS BEADS AT PEDESTRIAN CROSSWALK STRIPING AND AT LANE STRIPING AND ARROWS AT DRIVEWAYS CONNECTING TO PUBLIC STREETS. BROADCAST GLASS BEADS UNIFORMLY INTO WET MARKINGS AT A RATE OF 6 LB/GAL.

3.5 FIELD QUALITY CONTROL

A. FIELD QUALITY CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. FIELD QUALITY CONTROL TESTING AND INSPECTION SHALL BE AT THE DISCRETION OF THE CONTRACTOR AS NECESSARY TO ASSURE COMPLIANCE WITH CONTRACT REQUIREMENTS.

3.6 CLEANING

A. WASTE MATERIALS SHALL BE REMOVED AT THE END OF EACH WORKDAY. UPON COMPLETION OF THE WORK, ALL CONTAINERS AND DEBRIS SHALL BE REMOVED FROM THE SITE. PAINT SPOTS UPON ADJACENT SURFACES SHALL BE CAREFULLY REMOVED BY APPROVED PROCEDURES THAT WILL NOT DAMAGE THE SURFACES AND THE ENTIRE JOB LEFT CLEAN AND ACCEPTABLE.

END OF SECTION

TRAFFIC SIGNS AND SIGNALS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:
1. TRAFFIC CONTROL SIGNS.
B. RELATED REQUIREMENTS:
1. SECTION 09900 - PAINTING. PAINTING FOR PAINTED POSTS WHERE SHOWN ON THE DRAWINGS.

1.2 REFERENCES

A. THE PUBLICATIONS LISTED BELOW FORM A PART OF THIS SPECIFICATION TO THE EXTENT REFERENCED. PUBLICATIONS ARE REFERENCED WITHIN THE TEXT BY THE BASIC DESIGNATION ONLY.
B. ASTM INTERNATIONAL (ASTM):
1. ASTM A53 - PIPE, STEEL, BLACK AND HOT_DIPPED, ZINC_COATED WELDED AND SEAMLESS.
2. ASTM C94 - READY MIX CONCRETE
3. ASTM D4956 - RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL.
C. US DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION:
1. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

PART 2 - PRODUCTS

2.1 SIGNS

A. CONFORM TO US DEPARTMENT OF TRANSPORTATION MUTCD, SIGN CLASSIFICATION, TYPE, SIZE, AND COLOR SHALL BE AS SHOWN ON THE DRAWINGS
B. RETROREFLECTIVITY: MICROPRISMATIC TYPE, DIAMOND GRADE REFLECTIVE SHEETING CONFORMING TO ASTM D 4956, TYPE XI.

2.2 POSTS

A. SQUARE POST: SQUARE TUBULAR STEEL SIGN POST, GALVANIZED, 12 GA, PERFORATED FULL-LENGTH WITH 7/16 INCH HOLES ON FOUR SIDES. POST SIZE SHALL BE AS SHOWN ON THE DRAWINGS.
B. STEEL PIPE: ASTM A 53, TYPE E (ELECTRIC-RESISTANCE WELDED) OR TYPE S (SEAMLESS), GRADE B, SCHEDULE 40, SIZE AS SHOWN ON THE DRAWINGS.

2.3 CONCRETE

A. MIX CONCRETE AND DELIVER IN ACCORDANCE WITH ASTM C 94.
B. DESIGN MIX TO PRODUCE NORMAL WEIGHT CONCRETE CONSISTING OF PORTLAND CEMENT, AGGREGATE, WATER_REDUCING ADMIXTURE, AIR_ENTRAINING ADMIXTURE, AND WATER TO PRODUCE FOLLOWING:
1. COMPRESSIVE STRENGTH: 3,500 PSI, MINIMUM AT 28 DAYS, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
2. SLUMP RANGE: 1 TO 3-INCHES AT TIME OF PLACEMENT
3. AIR ENTRAINMENT: 5 TO 8 PERCENT

PART 3 - EXECUTION

3.1 PREPARATION

A. FIELD VERIFY UNDERGROUND UTILITIES PRIOR TO SIGN INSTALLATION. PRIMARY UTILITIES OF CONCERN OF SHALLOW DEPTHS ARE LAWN SPRINKLER SYSTEMS, ELECTRIC, TELEPHONE, FIBER OPTIC, CABLE AND GAS.

3.2 INSTALLATION

A. INSTALL SIGNS AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH MUTCD AND MANUFACTURER'S INSTRUCTIONS.
B. INSTALL SIGNS OF THE TYPE AND AT LOCATIONS SHOWN ON THE DRAWINGS.
C. INSTALL POSTS OF THE TYPE AS SHOWN ON THE DRAWING.
D. WHERE SHOWN AS PAINTED, FIELD PAINT STEEL PIPE POSTS IN ACCORDANCE WITH SECTION 09900.

END OF SECTION

SEAL COAT SHALL BE APPLIED WHERE EXISTING MARKINGS ARE REMOVED.

SMALL PROJECT SEAL COAT SPECIFICATION:

IN GENERAL:

CRACK FILLING AND OIL SPOT TREATMENTS ARE NOT REQUIRED PRIOR TO SEAL COAT. OTHER THAN THESE EXCEPTIONS, PREPARE AND CLEAN AREA TO BE SEAL COATED CONSISTENT WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATION.

APPROVED MATERIALS:

1) STAR PRODUCTS
- MICRO-PAVE PRO-BLEND WITH ADDED SAND
- SINGLE COAT

2) SEAL MASTER
- POLYMER MODIFIED MASTERSEAL WITH ADDED SAND
- SINGLE COAT

3) NEYRA
- NEYRA AE ASPHALT PAVEMENT SEALER WITH ADDED SAND
- SINGLE COAT

MATERIALS IDENTIFIED IN SPECIFICATION SECTION 02787 CAN BE USED. COAL TAR BASED SEAL COAT MATERIALS IN ANY FORM ARE PROHIBITED.

DETAIL REFERENCE:
ALL DETAILS ON THIS SHEET HAVE BEEN PROVIDED/PREPARED BY OTHERS AND ARE FROM WALMART SHAREPOINT, DATE VARIES. REFER TO NOTES THIS SHEET.

NOTES REGARDING DETAILS BY OTHERS:
1. DETAILS PREPARED BY OTHERS ARE IDENTIFIED AS SUCH BY WAY OF A TITLE BLOCK, REFERENCE, LOGO, OR OTHER NOTATION.
2. WHERE AN ORIGINAL DETAIL BY OTHERS HAS BEEN MODIFIED, THE MODIFICATIONS ARE IDENTIFIED BY REVISION CLOUDS.
3. REFER TO OUTSIDE SOURCE NOTES ON THE GENERAL NOTES AND LEGEND SHEET.
4. WHEN THE SOURCE OF THE DETAIL IS A REVIEWING/REGULATORY AGENCY, FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. WHEN APPROPRIATE, SHOP DRAWINGS SHALL BE FORWARDED TO THE REVIEWING/REGULATORY AGENCY PRIOR TO FABRICATION.

DETAILS BY OTHERS DISCLAIMER

SPECIFICATIONS SHEET

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SEAL COAT SPECIFICATIONS

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:
1. SEAL COATS USING A POLYMER-MODIFIED ASPHALT EMULSION BLENDED WITH FINE AGGREGATE.

B. RELATED REQUIREMENTS:
1. SECTION 02740 - ASPHALTIC CONCRETE PAVING.
2. SECTION 02765 - PAVEMENT MARKING

1.2 REFERENCES

A. THE PUBLICATIONS LISTED BELOW FORM A PART OF THIS SPECIFICATION TO THE EXTENT REFERENCED. PUBLICATIONS ARE REFERENCED WITHIN THE TEXT BY THE BASIC DESIGNATION ONLY.

B. ASTM INTERNATIONAL (ASTM)
1. ASTM C 136 - METHOD OF SIEVE ANALYSIS OF FINE AND COARSE AGGREGATE
2. ASTM D 217 - METHOD FOR CONE PENETRATION OF LUBRICATING GREASE
3. ASTM D 244 - TEST METHODS FOR EMULSIFIED ASPHALTS
4. ASTM D 562 - METHOD FOR CONSISTENCY OF PAINTS MEASURING KREBS UNIT (KU) VISCOSITY USING A STORMER-TYPE VISCOMETER
5. ASTM D 977 - EMULSIFIED ASPHALT
6. ASTM D 2397 - CATIONIC EMULSIFIED ASPHALT
7. ASTM D 2042 - METHOD FOR SOLUBILITY OF ASPHALT MATERIALS IN TRICHLOROETHYLENE
8. ASTM D 3910 - PRACTICE FOR DESIGN, TESTING, AND CONSTRUCTION OF SLURRY SEAL
9. ASTM D 6690 - JOINT AND CRACK SEALANTS, HOT APPLIED, FOR CONCRETE AND ASPHALT PAVEMENTS

1.3 ADMINISTRATIVE REQUIREMENTS

A. PRE_INSTALLATION MEETING: CONVENE A PRE_INSTALLATION MEETING AT THE SITE AT LEAST TWO WEEKS PRIOR TO COMMENCING WORK OF THIS SECTION. REQUIRE ATTENDANCE OF PARTIES DIRECTLY AFFECTING WORK OF THIS SECTION, INCLUDING, BUT NOT LIMITED TO, THE OWNER'S REPRESENTATIVE, CTL'S REPRESENTATIVE AND INSPECTOR, CONTRACTOR, AND JOB FOREMAN.
1. CONTACT WAL_MART CONSTRUCTION MANAGER THREE WEEKS PRIOR TO PRE_INSTALLATION CONFERENCE TO CONFIRM SCHEDULE.
2. RECORD DISCUSSIONS OF MEETING AND DECISIONS AND AGREEMENTS REACHED, AND FURNISH COPY OF RECORD TO EACH PARTY ATTENDING. REVIEW FORESEEABLE METHODS AND PROCEDURES RELATED TO PAVING WORK, INCLUDING THE FOLLOWING:
a. REVIEW PREPARATION AND INSTALLATION PROCEDURES AND COORDINATING AND SCHEDULING REQUIRED WITH RELATED WORK.
b. REVIEW PROPOSED SOURCES OF MATERIALS.
c. TOUR, INSPECT, AND DISCUSS CONDITION OF EXISTING PAVEMENT AND OTHER PREPARATORY WORK SUCH AS PATCHING, CRACK SEALING, AND OIL SPOT PRIMING/REPAIR.
d. REVIEW REQUIREMENTS FOR PROTECTING PAVING WORK, INCLUDING RESTRICTION OF TRAFFIC DURING INSTALLATION AND CURING PERIOD.
e. REVIEW AND FINALIZE CONSTRUCTION SCHEDULE AND VERIFY AVAILABILITY OF MATERIALS, INSTALLER'S PERSONNEL, EQUIPMENT, AND FACILITIES NEEDED TO MAKE PROGRESS AND AVOID DELAYS.
f. REVIEW PAVING REQUIREMENTS (DRAWINGS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS).
g. REVIEW REQUIRED SUBMITTALS, BOTH COMPLETED AND YET TO BE COMPLETED.
h. REVIEW REQUIRED INSPECTIONS, TESTING PROCEDURES.
i. REVIEW WEATHER AND FORECASTED WEATHER CONDITIONS, AND PROCEDURES FOR COPING WITH UNFAVORABLE CONDITIONS.
j. REVIEW HEALTH AND SAFETY PRECAUTIONS RELATING TO HANDLING AND PLACEMENT OF SEAL COAT.

1.4 QUALITY ASSURANCE

A. CONTRACTOR QUALIFICATIONS: THE SEAL COAT APPLICATOR SHALL HAVE NOT LESS THAN 3 YEARS DOCUMENTED EXPERIENCE IN THE APPLICATION OF EMULSION SEAL COATS.

1.5 SUBMITTALS

A. PRODUCT DATA: SUBMIT THE MANUFACTURER'S PRODUCT INFORMATION FOR OIL SPOT PRIMER.

B. CERTIFICATES:
1. SUBMIT MANUFACTURER'S CERTIFICATION THAT EACH CONSIGNMENT OF EMULSION SHIPPED TO THE PROJECT MEETS THE REQUIREMENTS OF THE APPLICABLE SPECIFICATION FOR THE EMULSION SPECIFIED, EXCEPT THAT THE WATER CONTENT SHALL NOT EXCEED 50 PERCENT. THE CERTIFICATION SHALL ALSO INDICATE THE SOLIDS CONTENT OF THE EMULSION AND THE DATE THE TESTS WERE CONDUCTED.
2. SUBMIT CERTIFICATION OF PLACEMENT IN ACCORDANCE WITH SPECIFICATION REQUIREMENTS AS SPECIFIED IN PART 3 FIELD QUALITY CONTROL.

C. QUALIFICATION STATEMENTS: SUBMIT CONTRACTOR QUALIFICATIONS CERTIFICATION.

D. MIX DESIGN:
1. SUBMIT MIX DESIGN AND EMULSION PROPERTIES TO THE CIVIL ENGINEERING CONSULTANT OF RECORD AT LEAST 30 DAYS PRIOR TO BEGINNING SEALING OPERATIONS. MIX DESIGNS OVER ONE YEAR OLD WILL NOT BE ACCEPTED.
2. SUBMIT APPROVED MIX DESIGNS AND LABORATORY TEST RESULTS TO CTL SIGNED BY THE MATERIALS PRODUCER AND CONTRACTOR CERTIFYING MATERIALS AND MIX RATIOS CONFORM TO THE REQUIREMENTS SPECIFIED HEREIN.

E. CALIBRATION RESULTS: SUBMIT REPORT OF SPREADING EQUIPMENT CALIBRATION TESTS.

1.6 SITE CONDITIONS

A. WEATHER LIMITATIONS: APPLY SEAL COAT ONLY UNDER THE FOLLOWING WEATHER CONDITIONS:
1. THE ATMOSPHERIC TEMPERATURE IS BETWEEN 50 AND 90 F AND IS EXPECTED TO REMAIN ABOVE 50 F FOR 24 HOURS.
2. PAVEMENT TEMPERATURE IS ABOVE 55 F.
3. SURFACE IS DRY AND NO MOISTURE IS EXPECTED WITHIN 24 HOURS.
4. WEATHER AND WIND CONDITIONS ARE SUCH THAT OVERSPRAY IS PREVENTABLE AND WILL ALLOW PROPER CURING AND OPENING TO TRAFFIC WITHIN A REASONABLE TIME.

B. MAINTAIN ACCESS FOR VEHICULAR AND PEDESTRIAN TRAFFIC AS REQUIRED BY THE WAL-MART CONSTRUCTION MANAGER. UTILIZE TEMPORARY STRIPING, FLAGMEN, BARRICADES, WARNING SIGNS, AND WARNING LIGHTS AS REQUIRED.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE SEAL COAT PRODUCTS BY ONE OF THE FOLLOWING:
1. SEALMASTER PAVEMENT PRODUCTS & EQUIPMENT, (800) 395-7325.
2. STAR SPECIALTY TECHNOLOGY AND RESEARCH, COLUMBUS, OH (800) 759-1912.
3. NEYRA INDUSTRIES, CINCINNATI, OH (800) 543-7077

2.2 PRODUCTS

A. WATER-BASED, POLYMER MODIFIED ASPHALT EMULSION SEAL COAT FORMULATED FOR SITE-MIXING WITH WATER AND AGGREGATE PER ASTM 8099. PROVIDE ONE OF THE FOLLOWING:
1. POLYMER MODIFIED MASTERSEAL (PMM), BY SEALMASTER, WITH ADDED SAND
2. MICRO-PAVE PRO-BLEND PROFESSIONAL GRADE ASPHALT EMULSION PAVEMENT SEALER, BY STAR, WITH ADDED SAND
3. NEYRA AE ASPHALT PAVEMENT SEALER, BY NEYRA, WITH ADDED SAND
4. OR, OWNER APPROVED EQUIVALENT

2.3 MATERIALS

A. AGGREGATE: AGGREGATE SHALL BE 100 PERCENT PASSING THE NO. 16 (1.18 MM) SIEVE WHEN TESTED IN ACCORDANCE WITH ASTM C 136. AGGREGATE SHALL CONSIST OF HARD, WASHED, DRY NATURAL OR MANUFACTURED PARTICLES FREE OF DUST, TRASH, CLAY, ORGANIC MATERIALS OR OTHER CONTAMINANTS.

B. SAND: SAND SHALL BE CLEAN, HARD, AND IRREGULAR SILICA SAND, FREE OF DUST, TRASH, CLAY, ORGANIC MATERIALS OR OTHER CONTAMINANTS. WHEN TESTED IN ACCORDANCE WITH ASTM C 136, SAND WITH AFS RATING OF 50 TO 70, WITH LESS THAN 2% RETAINED ON 30 MESH, LESS THAN 10% RETAINED ON 140 MESH, AND LESS THAN 0.3% RETAINED ON 200 MESH SCREEN, IS RECOMMENDED.

C. ASPHALT EMULSION: COMPLY WITH ASTM D977 OR ASTM D2397 FOR SS-1H OR CSS-1H. THE PENETRATION OF THE RESIDUE FROM THE DISTILLATION TEST SHALL BE 20 TO 60. CLAY STABILIZED EMULSION, WITH A PH NOT GREATER THAN 7.0, AND SOLIDS CONTENT NOT LESS THAN 45 PERCENT MAY BE USED. THE POLYMER MATERIAL SHALL BE MILLED OR BLENDED INTO THE ASPHALT OR EMULSIFIER SOLUTION PRIOR TO THE EMULSIFICATION PROCESS. THE MINIMUM AMOUNT AND TYPE OF POLYMER MODIFIER SHALL BE DETERMINED BY THE LABORATORY PERFORMING THE MIX DESIGN.

D. COAL TAR: COAL TAR EMULSION OR COAL TAR/ASPHALT EMULSION SHALL NOT BE USED AS A SUBSTITUTE FOR ASPHALT EMULSION.

E. POLYCYCLIC AROMATIC HYDROCARBON (PAH): PRODUCTS MUST CONTAIN LESS THAN 0.1% (1,000 PPM) POLYCYCLIC AROMATIC HYDROCARBON (PAH) CONTENT BY WEIGHT.

F. WATER: WATER SHALL BE POTABLE AND FREE OF HARMFUL SOLUBLE SALTS OR REACTIVE CHEMICALS AND ANY OTHER CONTAMINANTS AND AT LEAST 50 F.

G. ADDITIVES: ADDITIVES SHALL BE INCLUDED AND APPROVED AS PART OF THE MIX DESIGN AND BE COMPATIBLE WITH THE OTHER COMPONENTS OF THE MIX.

H. CRACK SEALANT: CRACK SEALANT SHALL CONFORM TO ASTM D6690, TYPE II OR HIGHER AND COMPATIBLE WITH THE SPECIFIED SEAL COAT EMULSION.

I. OIL SPOT PRIMER: OIL SPOT PRIMER SHALL BE A QUICK DRYING LATEX EMULSION WITH SUITABLE ADMIXTURES MANUFACTURED SPECIFICALLY FOR THE PURPOSE OF ISOLATING THE ASPHALT SEALCOAT FROM ANY RESIDUAL OILS, PETROLEUM GREASE, AND GASOLINE STAINED PAVEMENT. THE OIL SPOT PRIMER SHALL BE CERTIFIED FOR COMPATIBILITY WITH THE SPECIFIED EMULSION BY THE MANUFACTURER OF THE EMULSION.

J. PAVEMENT PRIMER/TACK COAT: PAVEMENT PRIMER/TACK COAT SHALL CONSIST OF ONE PART SS1H EMULSION DILUTED WITH FOUR PARTS WATER APPLIED AT AN UNDILUTED EMULSION RATE OF 0.05 TO 0.10 GAL/SY (DILUTED EMULSION RATE OF 0.25 TO 0.50 GAL/SY).

2.4 COMPOSITION

A. COMPOSITION. SEAL COAT SHALL CONSIST OF A MIXTURE OF THE SPECIFIED EMULSION, WATER, AGGREGATE, AND ADDITIVES AND BE PROPORTIONED TO MEET THE REQUIREMENTS SHOWN IN THE FOLLOWING TABLE 1.

TABLE 1 - UNDILUTED SEAL COAT DESIGN PROPERTIES

METHOD	MINIMUM	MAXIMUM
WEIGHT (PER GALLON), ASTM D 244, LBS	9.0	
CONE PENETRATION, ASTM D 217, MM	340	700
% NON-VOLATILE[1]	50	
% NON-VOLATILE RESIDUE SOLUBLE IN TRICHLOROETHYLENE, ASTM D 2042	10	35
WET TRACK ABRASION LOSS, ASTM D 3910, G		35
VISCOSITY, ASTM D 562, KU	75	
DRIED FILM COLOR	BLACK	

[1]WEIGH 10 G OF HOMOGENEOUS PRODUCT INTO A PREVIOUSLY TARED, SMALL OINTMENT CAN. PLACE IN AN OVEN AT 325°F FOR 90 MINUTES. COOL, REWEIGH AND CALCULATE NON-VOLATILE RESIDUE AS A PERCENT OF THE ORIGINAL MASS.

SEAL COAT SPECIFICATIONS

2.5 EQUIPMENT

A. DISTRIBUTORS. DISTRIBUTORS OR SPRAY UNITS USED FOR THE SPRAY APPLICATION OF THE SEAL COAT SHALL BE SELF PROPELLED AND CAPABLE OF UNIFORMLY APPLYING 0.10 TO 0.30 GALLONS PER SQUARE YARD OF MATERIAL OVER THE REQUIRED WIDTH OF APPLICATION. DISTRIBUTORS SHALL BE EQUIPPED WITH TACHOMETERS, PRESSURE GAUGES, AND VOLUME MEASURING DEVICES. THE MIX TANK SHALL HAVE A MECHANICALLY POWERED, FULL SWEEP, MIXER WITH SUFFICIENT POWER TO MOVE AND HOMOGENEOUSLY MIX THE ENTIRE CONTENTS OF THE TANK.

B. SPRAY NOZZLES. NOZZLES SHALL BE FREE FROM CLOGS AND DEBRIS AND SET AT THE SAME ANGLE.

C. MIXING EQUIPMENT. THE MIXING MACHINE SHALL HAVE A CONTINUOUS FLOW MIXING UNIT CAPABLE OF ACCURATELY DELIVERING A PREDETERMINED PROPORTION OF AGGREGATE, WATER, AND EMULSION, AND OF DISCHARGING THE THOROUGHLY MIXED PRODUCT ON A CONTINUOUS BASIS. THE MIXING UNIT SHALL BE CAPABLE OF THOROUGHLY BLENDING ALL INGREDIENTS TOGETHER AND DISCHARGING THE MATERIAL WITHOUT SEGREGATION.

D. SPREADING EQUIPMENT. SPREADING EQUIPMENT SHALL BE A MECHANICAL TYPE SQUEEGEE/BRUSH DISTRIBUTOR ATTACHED TO THE MIXING MACHINE, EQUIPPED WITH FLEXIBLE MATERIAL IN CONTACT WITH THE SURFACE TO PREVENT LOSS OF SLURRY FROM THE SPREADER BOX. IT SHALL BE MAINTAINED TO PREVENT LOSS OF SLURRY ON VARYING GRADES AND ADJUSTED TO ASSURE UNIFORM SPREAD. THERE SHALL BE A LATERAL CONTROL DEVICE AND A FLEXIBLE STRIKE OFF CAPABLE OF BEING ADJUSTED TO LAY THE SLURRY AT THE SPECIFIED RATE OF APPLICATION. THE SPREADER BOX SHALL HAVE AN ADJUSTABLE WIDTH. THE BOX SHALL BE KEPT CLEAN. EMULSION AND AGGREGATE BUILD UP ON THE BOX SHALL NOT BE PERMITTED.

E. CLEAN EQUIPMENT WITH A PETROLEUM SOLVENT IF PREVIOUSLY USED WITH A DIFFERENT MATERIAL.

F. HAND SQUEEGEE OR BRUSH APPLICATION. HAND SPREADING APPLICATION SHALL BE USED ONLY IN PLACES NOT ACCESSIBLE TO THE MECHANIZED EQUIPMENT OR TO ACCOMMODATE NEAT TRIM WORK AT CURBS, ETC. MATERIAL THAT IS APPLIED BY HAND SHALL MEET THE SAME STANDARDS AS THAT APPLIED BY MACHINE.

G. CALIBRATION. SPREADING EQUIPMENT SHALL BE PROVIDED WITH A METHOD OF CALIBRATION BY THE MANUFACTURER. EQUIPMENT SHALL BE CALIBRATED TO ASSURE THAT IT WILL PRODUCE AND APPLY A MIX THAT CONFORMS TO THE JOB MIX FORMULA. CALIBRATIONS SHALL BE MADE WITH THE APPROVED JOB MATERIALS PRIOR TO APPLICATION OF THE SEAL COAT.

2.6 PREPARATION

A. A PERIOD OF AT LEAST 60 DAYS AT +70 F DAYTIME TEMPERATURES SHALL ELAPSE BETWEEN THE PLACEMENT OF A HOT MIXED ASPHALT CONCRETE SURFACE COURSE AND THE APPLICATION OF THE SEAL COAT EXCEPT AS PERMITTED FOR REMEDIATION PATCHING BELOW.

B. REMEDIATE DISTRESSED AREAS OF EXISTING PAVEMENT BY SAW-CUTTING AND REMOVING EXISTING PAVEMENT, REGRADING AND COMPACTING THE UNDERLYING BASE COURSE AND REPLACING WITH FULL DEPTH ASPHALT AT LOCATIONS AND AS SHOWN ON THE DRAWINGS.
1. REPAIRS NOT SPECIFICALLY SHOWN ON THE PLANS BUT CONSIDERED NECESSARY BY THE CEC, THE GEOTECHNICAL ENGINEER, OR THE CTL SHALL BE IDENTIFIED AND SUBMITTED AS AN RFI TO THE CONSTRUCTION MANAGER (CM) PRIOR TO COMMENCEMENT OF REPAIRS.
2. REPAIRS SUBMITTED BY RFI AND APPROVED SHALL BE PERFORMED AS DIRECTED BY THE CEC. COST FOR SUCH WORK DIRECTED AND PERFORMED WILL BE PAID FOR IN ACCORDANCE WITH THE "CHANGES IN THE WORK" CLAUSE OF THE GENERAL CONDITIONS.
3. REPAIRS SHALL BE COMPLETED 30 DAYS PRIOR TO THE APPLICATION OF THE SEAL COAT.

C. LONGITUDINAL AND TRAVERSE CRACKS IN EXCESS OF 0.25 INCH, BUT LESS THAN 1 INCH SHALL BE SEALED WITH A CRACK SEALANT. CRACKS THAT CONTAIN WEED OR OTHER LIVE VEGETABLE MATTER SHALL BE TREATED WITH A LOCALLY APPROVED, NON-OIL BASED STERILANT PRIOR TO APPLYING THE CRACK FILLER.

D. EXISTING CRACK SEALANTS IN THE PARKING LOT SHALL BE EVALUATED FOR COMPATIBILITY WITH THE SPECIFIED EMULSION. REPORT TO THE ENGINEER OF RECORD IF APPEARANCE OR PERFORMANCE OF THE SEAL COAT WILL BE COMPROMISED BY THE EXISTING CRACK SEALANT MATERIALS.

E. REMOVE OIL DRIPPINGS OR GREASE BUILDUP DETERMINED BY THE CEC TO BE DETRIMENTAL TO THE SUBSEQUENT SEAL COAT PERFORMANCE BY SCRAPING EXCESSIVE BUILDUP AND BY STEAM CLEANING. PREVENT OIL CONTAMINATED WATER FROM ENTERING STORM SEWER INLETS. AFTER CLEANING, TREAT CLEANED AREAS WITH THE OIL SPOT PRIMER.

F. IMMEDIATELY PRIOR TO APPLYING THE PRIMER AND SEAL COAT, THE SURFACE SHALL BE CLEARED OF ALL LOOSE MATERIAL, DIRT, DUST, GREASE, OIL, VEGETATION AND OTHER OBJECTIONABLE MATERIAL. IF WATER IS USED, CRACKS SHALL BE ALLOWED TO DRY THOROUGHLY BEFORE APPLYING THE SEAL COAT.

G. PROTECT EXISTING MANHOLES, INLETS, VAULTS, VALVE BOXES, METER BOXES, ETC. AS NECESSARY TO MAINTAIN FREE ACCESSIBILITY UPON COMPLETION OF SEAL COAT APPLICATION. SURFACES ADJACENT TO SEAL COAT APPLICATION AREAS SUCH AS SIDEWALKS, CURB AND/OR GUTTER, STOREFRONTS, ETC. SHALL BE PROTECTED BY USE OF FELT PAPER ANCHORED WITH CLEAN AGGREGATE, OR BY SHIELDING COMPONENTS WITH PLYWOOD DURING APPLICATION..

H. APPLY A PRIMER/TACK COAT AT A RATE OF 0.05 TO 0.10 GAL/SQ.YD. REMOVE LOOSE GRAVEL BY SWEEPING PRIOR TO APPLICATION OF PRIMER.

I. COORDINATE LIMITS OF SEAL COAT APPLICATION OPERATIONS WITH OWNER'S CONSTRUCTION MANAGER AND STORE MANAGER TO AVOID INTERRUPTION TO STORE OPERATIONS. PROTECT ADJACENT AREAS OF THE PARKING LOT OUTSIDE OF CURRENT SEAL COAT APPLICATION LIMITS TO AVOID TRACKING ONTO ADJACENT AREAS. PARTITION OFF LIMITS OF CURRENT SEAL COAT OPERATIONS UNTIL SURFACE IS TRAFFIC READY.

J. COORDINATE WITH STORE MANAGER TO DEACTIVATE LAWN SPRINKLER SYSTEMS LEAST 48 HOURS PRIOR TO PLACING THE SEAL COAT AND REMAIN OFF FOR AT LEAST 24 HOURS AFTER THE SEAL COAT APPLICATION.

2.7 APPLICATION

A. ADD WATER AND SAND AT MANUFACTURER'S RECOMMENDED RATES AND MIX EMULSION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

B. APPLY SEAL COAT AT A TOTAL RATE (UNDILUTED) OF _____GAL./SY.

C. THE MINIMUM/MAXIMUM APPLICATION RATE SHALL BE BETWEEN 0.10 AND 0.17 GAL/SY PER APPLICATION.

D. DAMPEN PAVEMENT WITH A FOG SPRAY OF WATER IF AMBIENT TEMPERATURES EXCEED 80°F. NO STANDING WATER SHALL REMAIN ON THE SURFACE.

E. APPLY THE FIRST COAT UNIFORMLY IN A MANNER SUCH THAT THE COMBINED APPLICATION OF THE FIRST AND SECOND COATS EQUAL THE TOTAL RATE SPECIFIED ABOVE.

F. SUSPEND APPLICATION WHEN THE DISTRIBUTION TANK HAS LESS THAN 100 GALLONS LEFT AND REFILL TO PREVENT IRREGULAR PATTERNS OR MISSES.

G. EACH COAT SHALL BE ALLOWED TO DRY AND CURE INITIALLY A MINIMUM OF 2-4 HOURS BEFORE APPLYING ANY SUBSEQUENT COATS. THE INITIAL DRYING SHALL ALLOW EVAPORATION OF WATER OF THE APPLIED MIXTURE, RESULTING IN THE COATING BEING ABLE TO SUSTAIN LIGHT FOOT TRAFFIC. THE INITIAL CURING SHALL ENABLE THE MIXTURE TO WITHSTAND VEHICLE TRAFFIC WITHOUT DAMAGE TO THE SEAL COAT.

H. APPLY THE SECOND COAT IN THE SAME MANNER AS OUTLINED FOR THE FIRST COAT.

I. APPLY ADDITIONAL COATS IF AND WHERE NECESSARY AS DETERMINED BY THE CEC.
1. SUBMIT AN RFI IDENTIFYING EXTENT OF ADDITIONAL COATS FOR APPROVAL PRIOR TO APPLICATION.
2. APPLY ADDITIONAL COATS IN ACCORDANCE WITH RFI APPROVAL. COST FOR SUCH ADDITIONAL WORK DIRECTED AND PERFORMED WILL BE PAID FOR IN ACCORDANCE WITH THE "CHANGES IN THE WORK" CLAUSE OF THE GENERAL CONDITIONS.

J. THE FINISHED SURFACE SHALL PRESENT A UNIFORM TEXTURE WITH NO STREAKS.

K. THE FINAL COAT SHALL BE ALLOWED TO DRY A MINIMUM OF EIGHT HOURS IN DRY DAYLIGHT CONDITIONS BEFORE OPENING TO TRAFFIC, AND INITIALLY CURE ENOUGH TO SUPPORT VEHICULAR TRAFFIC WITHOUT DAMAGE TO THE SEAL COAT.

L. WHERE MARGINAL WEATHER CONDITIONS EXIST DURING THE EIGHT HOUR DRYING TIME, ADDITIONAL DRYING TIME SHALL BE ALLOWED. THE LENGTH OF TIME SHALL BE AS SPECIFIED BY THE SUPPLIER. THE SURFACE SHALL BE CHECKED AFTER THE ADDITIONAL DRYING TIME FOR TRAFFICABILITY BEFORE OPENING THE SECTION TO VEHICLE TRAFFIC.

2.8 FIELD QUALITY CONTROL

A. CERTIFY IN WRITING THAT THE SEAL COAT PLACEMENT IS IN ACCORDANCE WITH SPECIFICATION REQUIREMENTS.

DETAIL REFERENCE:
ALL DETAILS ON THIS SHEET HAVE BEEN PROVIDED/PREPARED BY OTHERS AND ARE FROM WALMART SHAREPOINT, DATE VARIES. REFER TO NOTES THIS SHEET.

NOTES REGARDING DETAILS BY OTHERS:
1. DETAILS PREPARED BY OTHERS ARE IDENTIFIED AS SUCH BY WAY OF A TITLE BLOCK, REFERENCE, LOGO, OR OTHER NOTATION.
2. WHERE AN ORIGINAL DETAIL BY OTHERS HAS BEEN MODIFIED, THE MODIFICATIONS ARE IDENTIFIED BY REVISION CLOUDS.
3. REFER TO OUTSIDE SOURCE NOTES ON THE GENERAL NOTES AND LEGEND SHEET.
4. WHEN THE SOURCE OF THE DETAIL IS A REVIEWING/REGULATORY AGENCY, FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. WHEN APPROPRIATE, SHOP DRAWINGS SHALL BE FORWARDED TO THE REVIEWING/REGULATORY AGENCY PRIOR TO FABRICATION.

DETAILS BY OTHERS DISCLAIMER

SPECIFICATIONS SHEET

REVISIONS	BY

BOHLER
4999 LOUISE DRIVE, SUITE 200
MECHANICSBURG, PA 17055
Phone: (717) 425-2700
www.BohlerEngineering.com

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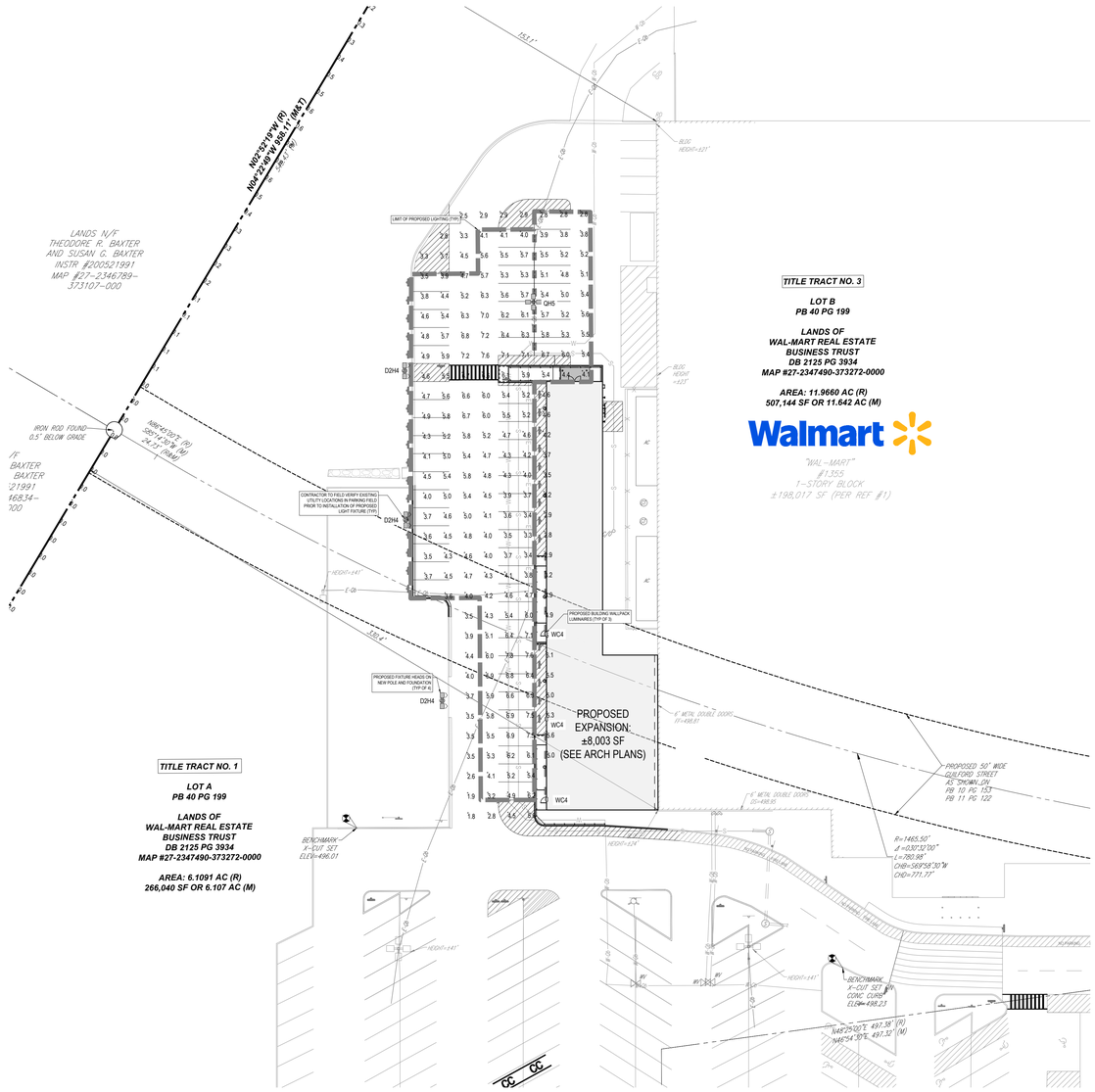
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LEBANON, PA 17046

WALMART INC.
814 RESPECT DRIVE
BENTONVILLE, AR 72716

Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	CSS-2



LIGHTING PLAN

30 15 7.5 0 30

1"= 30'

CALCULATION SUMMARY

LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
OPD WALKWAY	ILLUMINANCE	FC	5.39	7.7	3.1	1.74	2.48
OPD AREA	ILLUMINANCE	FC	5.34	7.5	3.1	1.72	2.42
OPD PARKING	ILLUMINANCE	FC	5.02	6.9	3.2	1.57	2.16
PROPERTY LINE	ILLUMINANCE	FC	0.02	0.6	0.0	N/A	N/A

LUMINAIRE SCHEDULE

LABEL	QTY	MOUNTING HEIGHT	ARRANGEMENT	LUMINAIRE LUMENS	TOTAL WATTS	LLF	DESCRIPTION
WC4	3	16'	SINGLE	7500	224	0.837	1-EWAS010C4AF740N1FMBLCK
D2H4	3	40'	ROTATED OPTICS	20601	738	0.864	1-EALS045H4AF750NDD1BLCKFS1 & 1-EALS045H4AF750NDD1BLCKFS2 37FT POLE ON 3FT BASE
QH5	1	40'	4 @ 90°	20599	492	0.864	4-EALS045H5SM750NDD1BLCKF 37FT POLE ON 3FT BASE

GENERAL LIGHTING NOTES:

1. THE GENERAL NOTES, FOUND ON THE NOTES PAGE OF THIS PLAN SET, MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE ELECTRICAL CONTRACTOR MUST BECOME FAMILIAR WITH, REFER TO AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY.
2. THE ELECTRICAL CONTRACTOR MUST COMPLY WITH ALL APPLICABLE CONTRACTOR REQUIREMENTS INDICATED IN THIS LIGHTING PLAN, INCLUDING BUT NOT LIMITED TO GENERAL NOTES, GRADING AND UTILITY NOTES, SITE SAFETY, AND ALL APPLICABLE AGENCY AND GOVERNMENTAL REGULATIONS. THE LIGHTING PLAN DEPICTS PROPOSED, SUSTAINED ILLUMINATION LEVELS CALCULATED USING DATA PROVIDED BY THE NOTED MANUFACTURER(S). ACTUAL SUSTAINED SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, MAINTENANCE, THE SERVICE LIFE OF EQUIPMENT AND LUMINAIRES AND OTHER RELATED VARIABLE FIELD CONDITIONS.
3. THE LIGHTING VALUES AND CALCULATION POINTS DEPICTED ON THIS PLAN ARE ANALYZED ON A HORIZONTAL GEOMETRIC PLANE AT GROUND LEVEL UNLESS OTHERWISE NOTED. ILLUMINATION LEVELS ARE SHOWN IN FOOTCANDLES (FC).
4. THE LIGHTING PLAN IS INTENDED TO SHOW THE LOCATIONS AND TYPE OF LUMINAIRES, POWER SYSTEM, CONDUITS, WIRING, CONTROLS, AND OTHER ELECTRICAL COMPONENTS ARE SOLELY THE ARCHITECTS, ELECTRICAL ENGINEERS AND/OR ELECTRICAL CONTRACTOR'S RESPONSIBILITY, AS INDICATED IN THE CONSTRUCTION CONTRACT DOCUMENTS. THE CONTRACTOR MUST COORDINATE WITH THE PROJECT ARCHITECT AND/OR ELECTRICAL ENGINEER REGARDING ANY AND ALL POWER SOURCES AND TIMING DEVICES NECESSARY TO MEET THE DESIGN INTENT. THESE ITEMS MUST BE INSTALLED AS REQUIRED BY FEDERAL, STATE AND LOCAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF LIGHTING FIXTURES AND APPURTENANCES IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE BUILDING AND LOCAL ELECTRICAL CODES.
5. THE ELECTRICAL CONTRACTOR MUST BRING IMMEDIATELY, IN WRITING, ANY LIGHT LOCATIONS THAT CONFLICT WITH DRAINAGE, UTILITIES, OR OTHER STRUCTURE(S) TO THE PROFESSIONAL OF RECORD'S ATTENTION, PRIOR TO THE START OF CONSTRUCTION.
6. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL LIGHTING IS INSTALLED PER THIS LIGHTING PLAN, INCLUDING THE LOCATION, ORIENTATION, SHIELDING, AND/OR ROTATED OPTICS ARE INSTALLED AS INDICATED ON THE PLAN IN ORDER TO ACHIEVE THE LIGHTING LEVELS DEPICTED ON THIS PLAN. EXISTING POLES AND FOUNDATIONS ARE NOT TO BE REUSED.
7. UPON OWNER'S ACCEPTANCE OF THE COMPLETED PROJECT, THE OWNER SHALL BE RESPONSIBLE FOR ALL MAINTENANCE, SERVICING, REPAIR AND INSPECTION OF THE LIGHTING SYSTEM AND ALL OF ITS COMPONENTS AND RELATED SYSTEMS. THE LUMINAIRES, LAMPS AND LENSES MUST BE REGULARLY INSPECTED/MAINTAINED TO ENSURE THAT THEY FUNCTION PROPERLY. THIS WORK SHOULD INCLUDE, BUT IS NOT LIMITED TO, VISUAL OBSERVATION, CLEANING OF LENSES, AND OTHER MAINTENANCE SPECIFIED BY THE MANUFACTURER. FAILURE TO FOLLOW THE ABOVE STEPS COULD RESULT IN IMPROPER LIGHT DISTRIBUTION AND FAILURE TO COMPLY WITH THE APPROVED DESIGN.
8. THE LIGHT LOSS FACTORS (LLF) DEPICTED IN THE LUMINAIRE SCHEDULE ON THIS PLAN ARE BASED ON DATA PROVIDED BY THE MANUFACTURER FOLLOWING IES LM-80-21 TESTING (OR MOST RECENT EDITION). THE LIGHT LEVELS DEPICTED ON THIS PLAN WERE CALCULATED BASED ON THE LLF LISTED IN THE LUMINAIRE SCHEDULE.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE SUBMITTALS TO BOHLER FOR REVIEW AND APPROVAL. SUBSTITUTION REQUESTS MUST BE ACCOMPANIED BY A HORIZONTAL PHOTOMETRIC STUDY DEMONSTRATING THAT THE LUMINAIRE(S) IN QUESTION WILL MEET THE DESIGN INTENT OF THIS PLAN. SUBSTITUTION REQUESTS WITHOUT A PHOTOMETRIC STUDY WILL BE REJECTED.
10. LIGHT POLE FOUNDATIONS ARE SHOWN ON THE PLAN IN THE INTENDED LOCATION BASED ON THE LIGHTING CALCULATIONS, UNLESS OTHERWISE NOTED. LIGHT SYMBOLS ARE SHOWN LARGER THAN ACTUAL SIZE, HOWEVER FOUNDATION SIZE IS SHOWN AT ACTUAL SIZE.
11. THIS LIGHTING DESIGN INCORPORATES EXISTING LIGHTING INFORMATION PROVIDED BY CURRENT LIGHTING FROM A PLAN TITLES "WALMART #3337 - RIO GRANDE, NJ A180372F" DATED 05/01/2018. THIS PLAN WAS USED AS A BASIS OF DESIGN FOR MODELING PURPOSES OF THE EXISTING SITE LIGHTING FIXTURES ONLY.
12. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.

WALMART NOTES:

1. EXISTING PARKING LOT LIGHTS WITHIN OPD AREA HAVE BEEN MODELED AS PART OF THESE CALCULATIONS.
2. REFER TO ARCH. PLANS FOR SITE LIGHTING ELECTRICAL PLAN.

LED STATISTICS SHOWN ARE AT 50000 HOURS L89 & L95 RATING (~12 YEARS @ 12 HRS/DAY)

L85 = OPERATING HOURS AT WHICH AN AVERAGE OF 15% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS.
THE POPULATION STILL EMITS 85% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

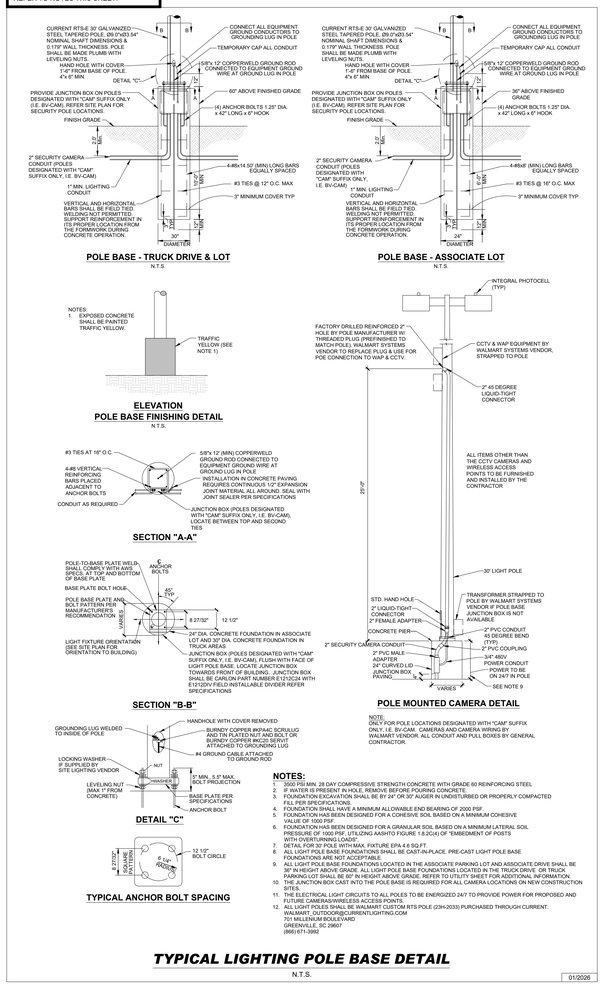
L89 = OPERATING HOURS AT WHICH AN AVERAGE OF 11% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 89% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

L96 = OPERATING HOURS AT WHICH AN AVERAGE OF 4% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 96% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

IN COMPARISON, NON-LED LUMINAIRES ARE RATED WITH MEAN LUMENS MEASURED AT 40-50% OF RATED LIFE, DEPENDING ON TECHNOLOGY, AND RATED LIFE OF 850, WHERE B50 = OPERATING HOURS AT WHICH 50% OF A TESTED POPULATION OF LAMPS HAVE FAILED.

PROPERTY LINES BASED OFF PROVIDED LIGHTING RETROFIT SURVEY AND GOOGLE EARTH PRO. CALCULATION AREAS TREATED AS OPEN AND NO TREES ARE CONSIDERED IN THE DESIGN, ACTUAL VALUES MAY VARY FROM CALCULATED VALUES SHOWN.

DETAIL REFERENCE:
DETAIL PROVIDED/PREPARED BY OTHERS AND IS FROM WALMART, DATED 01/2026. REFER TO NOTES THIS SHEET.



POLE BASE - TRUCK DRIVE & LOT
N.T.S.

POLE BASE - ASSOCIATE LOT
N.T.S.

ELEVATION
POLE BASE FINISHING DETAIL
N.T.S.

SECTION "A-A"

SECTION "B-B"

POLE MOUNTED CAMERA DETAIL

NOTE:
ONLY FOR POLE LOCATIONS DESIGNATED WITH "CAM" SUFFIX ONLY, I.E. BV-CAM. CAMERAS AND CAMERA WIRING BY WALMART VENDOR. ALL CONDUIT AND PULL BOXES BY GENERAL CONTRACTOR.

DETAIL "C"

TYPICAL ANCHOR BOLT SPACING

NOTES:
1. 3500 PSI MIN. 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 REINFORCING STEEL.
2. IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
3. FOUNDATION EXCAVATION SHALL BE BY 24" DIA 30" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL PER SPECIFICATIONS.
4. FOUNDATION SHALL HAVE A MINIMUM ALLOWABLE END BEARING OF 2000 PSF.
5. FOUNDATION HAS BEEN DESIGNED FOR A COHESIVE SOIL BASED ON A MINIMUM COHESIVE VALUE OF 1000 PSF.
6. FOUNDATION HAS BEEN DESIGNED FOR A GRANULAR SOIL BASED ON A MINIMUM LATERAL SOIL PRESSURE OF 1000 PSF, UTILIZING AASHTO FIGURE 1.8.2C(4) OF "EMBEDMENT OF POSTS IN GRANULAR SOILS".
7. DETAIL FOR 30' POLE WITH MAX. FIXTURE EPA 4.6 SQ.FT.
8. ALL LIGHT POLE BASE FOUNDATIONS SHALL BE CAST-IN-PLACE. PRE-CAST LIGHT POLE BASE FOUNDATIONS ARE NOT ACCEPTABLE.
9. ALL LIGHT POLE BASE FOUNDATIONS LOCATED IN THE ASSOCIATE PARKING LOT AND ASSOCIATE DRIVE SHALL BE 30" IN HEIGHT ABOVE GRADE. ALL LIGHT POLE BASE FOUNDATIONS LOCATED IN THE TRUCK DRIVE OR TRUCK PARKING LOT SHALL BE 60" IN HEIGHT ABOVE GRADE. REFER TO UTILITY SHEET FOR ADDITIONAL INFORMATION.
10. THE JUNCTION BOX CAST INTO THE POLE BASE IS REQUIRED FOR ALL CAMERA LOCATIONS ON NEW CONSTRUCTION SITES.
11. TWO ELECTRICAL LIGHT CIRCUITS TO ALL POLES TO BE ENERGIZED 24/7 TO PROVIDE POWER FOR PROPOSED AND FUTURE CAMERA/WIRELESS ACCESS POINTS.
12. ALL LIGHT POLES SHALL BE WALMART CUSTOM RTS POLE (23H-2033) PURCHASED THROUGH CURRENT. WALMART_OUTDOORQUOTE@CURRENTLIGHTING.COM
701 MILLENNIUM BOULEVARD
GREENVILLE, SC 29607
(866) 671-3992

TYPICAL LIGHTING POLE BASE DETAIL

N.T.S.

01/2026

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3. REFER TO OUTSIDE SOURCE NOTES ON THE GENERAL NOTES AND LEGEND SHEET.
4. WHEN THE SOURCE OF THE DETAIL IS A REVIEWING/REGULATORY AGENCY, FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. WHEN APPROPRIATE, SHOP DRAWINGS SHALL BE FORWARDED TO THE REVIEWING/REGULATORY AGENCY PRIOR TO FABRICATION.

DETAILS BY OTHERS DISCLAIMER

THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION (SHEET NS-1)

PHOTOMETRIC PLAN

REVISIONS	BY

BOHLER
1 ALLEGHENY SQUARE, SUITE 402
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Walmart Supercenter

DRAWN	JWC
CHECKED	EEG
DATE	06/08/2026
SCALE	AS NOTED
JOB No.	PAC250150.00
SHEET	PP-1

NOTES:

1. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE, SOURCE INFORMATION FROM PLANS AND MARKINGS HAS BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF THOSE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY. NO AS-BUILT OF PRIVATE UTILITIES SUCH AS, BUT NOT LIMITED TO, UNDERGROUND IRRIGATION SYSTEMS WAS CONDUCTED.

   APPROXIMATE LOCATION OF UNDERGROUND UTILITIES ARE SHOWN PER PRIVATE UTILITY MARKOUT PERFORMED BY INSIGHT, LLC ON MARCH 6, 2026 AND FIELD LOCATED WITH CONVENTIONAL FIELD SURVEY METHODS UNLESS OTHERWISE NOTED.

   THE UNDERGROUND UTILITY INFORMATION SHOWN HEREIN IS IDENTIFIED ON A QUALITY LEVEL SYSTEM. DIFFERENT QUALITY LEVELS INDICATE THE ACCURACY OF SAID UNDERGROUND UTILITY INFORMATION. THE DEFINITION OF EACH QUALITY LEVEL IS OUTLINED BELOW (ALL QUALITY LEVELS MAY NOT BE SHOWN HEREIN):

   QUALITY LEVEL D - UTILITY LINES SHOWN PER REFERENCE. NOT FIELD VERIFIED.

   QUALITY LEVEL C - UTILITY FEATURES (MANHOLES, COVERS, ETC.) LOCATED AT THE SURFACE. SUPPLEMENTED WITH QUALITY LEVEL D.

   QUALITY LEVEL B - UTILITY LINES MARKED BY OTHERS VIA ELECTROMAGNETIC LOCATING/GROUND PENETRATING TECHNOLOGY AND FIELD LOCATION.

   QUALITY LEVEL A - UTILITY LINES THAT HAVE BEEN EXPOSED THROUGH NONDESTRUCTIVE EXCAVATION METHODS TO OBTAIN VISUAL EVIDENCE AS WELL AS BOTH HORIZONTAL AND VERTICAL LOCATION.

2. THIS SURVEY WAS PERFORMED IN THE FIELD ON MARCH 17, 2026 UTILIZING THE REFERENCE DOCUMENTS AS LISTED HEREIN AND DEPICTS BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS.

3. ELEVATIONS ARE BASED ON NAVD88 DATUM DETERMINED BY GPS OBSERVATIONS.

4. THE SURVEYED AREA IS LOCATED IN OTHER AREAS ZONE X (AREAS OF MINIMAL FLOOD HAZARD) PER MAP ENTITLED "FEMA, NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, LEBANON COUNTY, PENNSYLVANIA (ALL JURISDICTIONS), PANEL 257 OF 380", MAP NUMBER 42075C0257E WITH A MAP REVISED DATE OF JULY 8, 2020.

   THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND/OR THE STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS, GREATER FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.

5. ZONING: CA2 (GENERAL COMMERCIAL)

BUILDING SETBACKS	
FRONT	60 FEET
REAR	30 FEET (50 FEET IF ADJOINING RESIDENTIAL)
SIDE	30 FEET (50 FEET IF ADJOINING RESIDENTIAL)

BUILDING REQUIREMENTS	
BUILDING HEIGHT (MAX.)	35 FEET

LOT REQUIREMENTS	
MAXIMUM LOT COVERAGE	50%
PARKING RATIO	5.0/1,000 SF

   ALL ZONING INFORMATION WAS PROVIDED IN AN ENGINEERING MEMORANDUM PREPARED BY BOHLER, DATED MARCH 24, 2026 AND MUST BE VERIFIED PRIOR TO USE OR RELIANCE UPON SAME, TO CONFIRM THE ZONING INFORMATION REPRESENTS AND DEPICTS THE THEN-CURRENT SITE-SPECIFIC INFORMATION." SHOULD THERE BE ANY CHANGE IN USE, SETBACK(S) AND/OR SET BACK REQUIREMENTS, ZONING CLASSIFICATION AND/OR ANY OTHER CHANGE OR VARIATION FROM THE CONDITIONS RECORDED HEREIN, THE CLIENT MUST VERIFY COMPLIANCE WITH THE USE, SET BACK, ZONING CLASSIFICATION AND/OR ORDINANCE, REGULATION OR LEGAL REQUIREMENT, PRIOR TO USING OR RELYING UPON THE FINDINGS RECORDED HEREIN, OR REFERENCING SAME AS RELATED TO THE PROPERTY, PROJECT AND/OR DEVELOPMENT.

6. NO SURVEY OF SUBTERRANEAN STRUCTURES OR INTERIOR SPACES SUCH AS FOOTINGS, FOUNDATIONS, VAULTS, TANKS OR BASEMENTS WAS PERFORMED AS PART OF THIS LAND SURVEY, AND THIS PLAN SHOULD NOT BE CONSTRUED AS CERTIFICATION TO THE EXISTENCE OR LOCATION OF THE SAME.

7. THERE WAS NO OBSERVED EVIDENCE OF BURIAL GROUNDS, CEMETERIES, GRAVES, OR GRAVEYARDS IN THE PROCESS OF CONDUCTING THE FIELD WORK.

8. THERE WERE NO EV CHARGING STATIONS WITHIN THE WORK AREA OBSERVED AT THE TIME OF THE FIELD VISIT.

9. BOHLER IS NOT AWARE OF EASEMENTS OR ENCUMBRANCES NOT REFLECTED IN THE TITLE COMMITMENT PROVIDED. NO TITLE SEARCH HAS BEEN CONDUCTED BY BOHLER.

PARKING:

79 REGULAR PARKING SPACES

0 ADA PARKING SPACES

79 TOTAL PARKING SPACES

NOTE: ONLY FULLY SHOWN PARKING BAYS ARE INCLUDED.

DENOTED AS: 1

REFERENCES:

1. EXISTING BUILDING SQUARE FOOTAGE FIELD VERIFIED BY RR ARCHITECTURE, INC. AND PROVIDED TO BOHLER ON APRIL 4, 2026.

TITLE EXCEPTIONS:

THIS SURVEY IS PREPARED WITH REFERENCE TO A COMMITMENT FOR TITLE INSURANCE PREPARED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, COMMITMENT NO. PIT2604422, WITH AN EFFECTIVE DATE OF FEBRUARY 24, 2026. CLIENT UNDERSTANDS AND AGREES THAT THE FIRM SHALL NOT BE LIABLE FOR ANY ERRORS OR OMISSIONS IN OR RESULTING FROM THE USE OF THE TITLE DOCUMENTS OR FROM ANY DEFICIENCIES OR ANY INACCURACIES CONTAINED IN SAID TITLE DOCUMENTS. OUR OFFICE HAS REVIEWED THE FOLLOWING SURVEY RELATED EXCEPTIONS IN SCHEDULE B, PART II **RELATIVE TO THE SURVEYED AREA ONLY**:

9. MATTERS SHOWN ON THE FOLLOWING PLANS:

   A. LAND SUBDIVISION PLAN FOR ALICE B. WEISS, RECORDED AUGUST 20, 1969 IN PLAN BOOK 10, PAGE 90, AS AFFECTED BY REVISION RECORDED SEPTEMBER 23, 1969 IN PLAN BOOK 10, PAGE 153; **PLAN BOOK 10 PAGE 90 DOES NOT AFFECT THE SURVEYED AREA. DOCUMENT IS A PREVIOUS SUBDIVISION OF THE PROPERTY, THERE ARE NO OTHER MATTERS. PLAN BOOK 10 PAGE 153 MAY AFFECT THE SURVEYED AREA. DOCUMENT DEPICTS A 50' WIDE PROPOSED GUILFORD STREET. SAID STREET IS SHOWN.**

   B. LAND SUBDIVISION PLAN FOR ALICE B. WEISS, RECORDED NOVEMBER 4, 1970 IN PLAN BOOK 11, PAGE 122; **MAY AFFECT THE SURVEYED AREA. DOCUMENT DEPICTS A 50' WIDE PROPOSED GUILFORD STREET. SAID STREET IS SHOWN.**

   C. FINAL LAND SUBDIVISION PLAN FOR WAL-MART STORES INC., RECORDED DECEMBER 30,1992 IN PLAN BOOK 40, PAGE 199; **DO NOT AFFECT THE SURVEYED AREA. DOCUMENT NOTES THAT THE PLAN IS FOR TITLE TRANSFER PURPOSES ONLY.**

   D. LAND SUBDIVISION PLAN FOR WAL-MART STORES, INC., RECORDED JUNE 9, 1993 IN PLAN BOOK 41, PAGE 22; **DO NOT AFFECT THE SURVEYED AREA. DOCUMENT NOTES THAT THE PLAN IS FOR TITLE TRANSFER PURPOSES ONLY.**

   E. SITE DEVELOPMENT PLANS FOR WAL-MART, RECORDED MARCH 17, 1994 IN PLAN BOOK 41, PAGE 128; **DOES NOT CREATE EASEMENTS OR RESTRICTIONS. DOCUMENT IS A SITE PLAN. SEE CURRENT SURVEY FOR SITE CONDITIONS.**

   F. SITE EXPANSION PLANS FOR WAL-MART STORE NO. 2023, RECORDED MAY 9, 1996 IN PLAN BOOK 44, PAGE 50; **DOES NOT CREATE EASEMENTS OR RESTRICTIONS. DOCUMENT IS A SITE PLAN. SEE CURRENT SURVEY FOR SITE CONDITIONS.**

   G. FINAL LAND DEVELOPMENT PLAN FOR WAL-MART STORES, INC., RECORDED FEBRUARY 14, 1997 IN PLAN BOOK 45, PAGE 52; **AFFECT THE SURVEYED AREA, CONTAINS REQUIREMENTS. NOT PLOTTABLE, GENERAL IN NATURE.**

10. THE FOLLOWING RIGHTS OF WAY OR EASEMENTS TO METROPOLITAN EDISON COMPANY FROM:

   A. HENRY S. WEISS, ET UX., DATED JUNE 17, 1957 AND RECORDED IN MISC. BOOK D, VOLUME 3, PAGE 616; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE EAST.**

   B. EDPROP, INC., DATED DECEMBER 16, 1969 AND RECORDED IN MISC. BOOK 32, PAGE 689; **MAY AFFECT THE SURVEYED AREA. VAGUE AND INSUFFICIENT INFORMATION TO DETERMINE EASEMENT LOCATION.**

   C. EDPROP, INC., DATED DECEMBER 16, 1969 AND RECORDED IN MISC. BOOK 32, PAGE 837; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE SOUTH.**

   D. WAL-MART STORES, INC., DATED MAY 25, 1993 AND RECORDED IN MISC. BOOK 158, PAGE 849; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE NORTHEAST.**

   E. WAL-MART STORES INC., DATED MAY 15, 1996 AND RECORDED IN MISC. BOOK 184, PAGE 706; **MAY AFFECT THE SURVEYED AREA. VAGUE AND INSUFFICIENT INFORMATION TO DETERMINE EASEMENT LOCATION.**

11. DEED OF EASEMENT FOR ADVERTISING SIGN BETWEEN ALICE B. WEISS AND JOHN C. WEBER, ET UX., DATED JUNE 29, 1967 AND RECORDED IN MISC. BOOK 24, PAGE 112; AND AS AFFECTED BY ASSIGNMENT OF DEED OF EASEMENT BY JOHN C. WEBER, ET UX., TO KEY DRIVE-IN THEATERS, INC., DATED MARCH 11, 1985 AND RECORDED IN MISCELLANEOUS BOOK 100, PAGE 183; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE EAST.**

12. EASEMENT BETWEEN ALICE B. WEISS AND EDPROP, INC., DATED APRIL 13, 1970 AND RECORDED IN MISC. BOOK 33, PAGE 633; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE WEST.**

13. RIGHTS AND RESTRICTIONS SET FORTH IN DEED BY JOEL H. ZINN, ET UX., TO JACK W. BLUMENFELD, DATED APRIL 9, 1973 AND RECORDED IN DEED BOOK 196, PAGE 552; **AFFECT THE SURVEYED AREA. NOT PLOTTABLE, BLANKET IN NATURE. DOCUMENT GRANTS USE RESERVATIONS AND RESTRICTIONS.**

14. OBLIGATIONS AND RESTRICTIONS SET FORTH IN DEED BY LEBANON COUNTY INDUSTRIAL DEVELOPMENT AUTHORITY TO JESSE RICH, DATED APRIL 22, 1988 AND RECORDED IN DEED BOOK 246, PAGE 105; **AFFECT THE SURVEYED AREA. NOT PLOTTABLE, BLANKET IN NATURE. DOCUMENT GRANTS USE RESERVATIONS AND RESTRICTIONS.**

15. RESERVATION OF A 50' WIDE ACCESS EASEMENT CONTAINED IN DEED FROM ESTATE OF JACK W. BLUMENFELD TO WAL-MART STORES, INC., DATED NOVEMBER 20, 1992 AND RECORDED IN DEED BOOK 290, PAGE 247; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE NORTH. EASEMENT IS NOTED AS TO BE ABANDONED IN EXCEPTION 9E.**

16. ACCESS COVENANT BETWEEN WAL-MART STORES, INC., AND THE DEPARTMENT OF TRANSPORTATION, COMMONWEALTH OF PENNSYLVANIA, DATED MARCH 11, 1993 AND RECORDED IN MISC. BOOK 156, PAGE 971; **DO NOT AFFECT THE SURVEYED AREA. DOCUMENT IS AN ACCESS COVENANT TO AN UNNAMED STATE HIGHWAY. PROPERTY CURRENTLY HAS ACCESS ALONG E. LEHMAN STREET TO THE SOUTHEAST AND ALONG N. 15TH AVENUE TO THE NORTHEAST.**

17. ACCESS EASEMENT BETWEEN WAL-MART STORES, INC. AND FULTON FINANCIAL REALTY CO., DATED JULY 14, 1993 AND RECORDED IN MISC. BOOK 160, PAGE 299; **DOES NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE SOUTH.**

18. RIGHTS CONTAINED IN DEED FROM WAL-MART STORES, INC., TO FULTON FINANCIAL REALTY CO., DATED JULY 19, 1993 AND RECORDED IN DEED BOOK 295, PAGE 671; **DO NOT AFFECT THE SURVEYED AREA. DOCUMENT IS A CORPORATION WARRANTY DEED OF LANDS TO THE SOUTHEAST.**

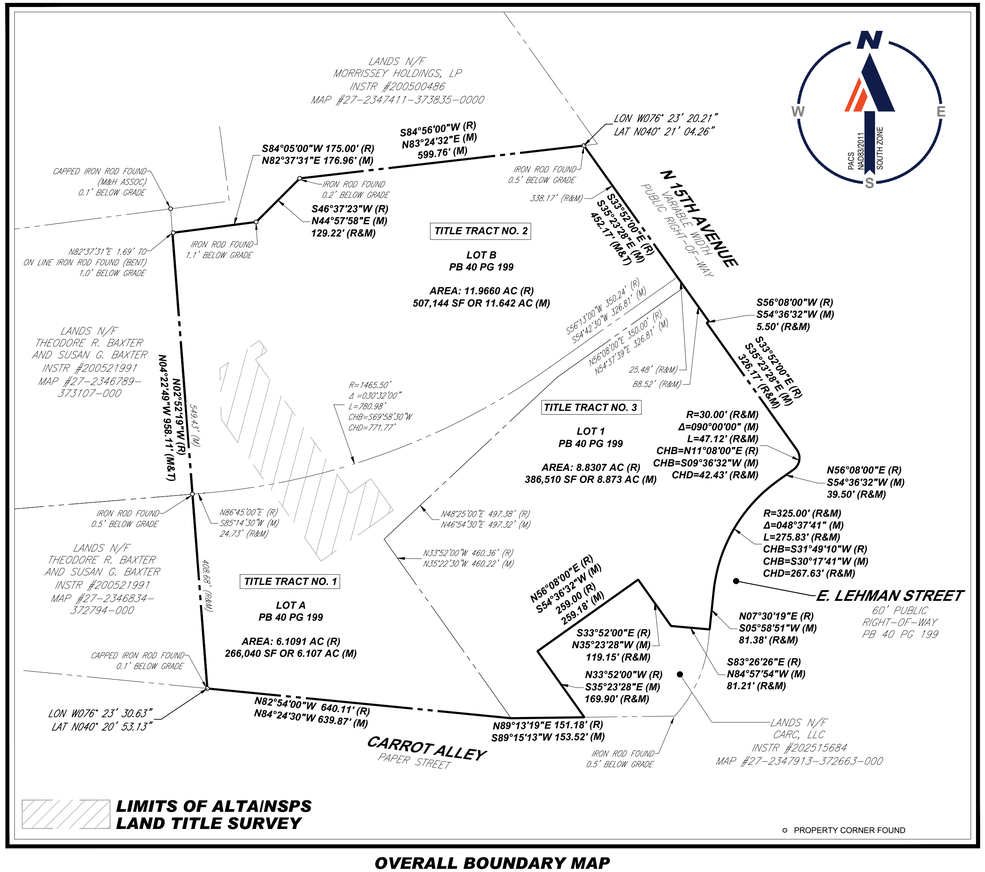
19. PERMANENT RIGHT OF WAY AGREEMENT BETWEEN WAL-MART STORES, INC. AND FULTON FINANCIAL REALTY COMPANY, DATED DECEMBER 21, 1993 AND RECORDED IN MISC. BOOK 165, PAGE 463; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE SOUTHEAST.**

20. UNDERGROUND GRANT BY WAL-MART STORES, INC., TO VERIZON PENNSYLVANIA, INC., DATED OCTOBER 22, 2001 AND RECORDED IN RECORD BOOK 2002, PAGE 3876; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE EAST.**

21. UNDERGROUND GRANT BY WAL-MART STORES, INC., TO VERIZON PENNSYLVANIA INC., DATED OCTOBER 22, 2001 AND RECORDED IN RECORD BOOK 2013, PAGE 3660; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE EAST.**

22. EASEMENT BETWEEN WAL-MART STORES, INC., TO METROPOLITAN EDISON COMPANY D/B/A GPU ENERGY, DATED NOVEMBER 16, 2001 AND RECORDED IN RECORD BOOK 2003, PAGE 8994; **DO NOT AFFECT THE SURVEYED AREA. EASEMENT IS LOCATED TO THE EAST.**

23. CONDITIONS AND RESTRICTIONS CONTAINED IN DEED FROM WAL-MART STORES, INC., TO WENDY'S OLD-FASHIONED HAMBURGERS OF NEW YORK, INC., DATED OCTOBER 4, 2003 AND RECORDED IN DEED BOOK 297, PAGE 948; **DO NOT AFFECT THE SURVEYED AREA. DOCUMENT IS A CORPORATION WARRANTY DEED OF LANDS TO THE EAST. DOCUMENT ALSO GRANTS RIGHTS TO THE USE OF DRAINAGE EASEMENTS AS SHOWN IN EXCEPTION 9C.**



OVERALL BOUNDARY MAP

SCALE: 1" = 150'

TITLE DESCRIPTION:

ALL THOSE THREE CERTAIN LOTS OR TRACTS OF GROUND, SITUATE IN THE TOWNSHIP OF NORTH LEBANON, COUNTY OF LEBANON AND COMMONWEALTH OF PENNSYLVANIA, BOUNDED AND DESCRIBED AS FOLLOWS:

TRACT NO. 1

BEGINNING AT A POINT IN THE CENTER LINE OF NORTH 15TH AVENUE (ERRONEOUSLY SHOWN AS 25TH AVENUE ON CHAIN DEED), SAID POINT BEING THE SOUTHEASTERN CORNER OF LAND OF JACK BLUMENFELD; THENCE ALONG SAID CENTER LINE OF NORTH 15TH AVENUE, SOUTH 33 DEGREES 52 MINUTES 00 SECONDS EAST, A DISTANCE OF 25.45 FEET TO A POINT; THENCE ALONG LAND OF KEY DRIVE IN THEATRE, INC., THE FOLLOWING THREE COURSES AND DISTANCES: SOUTH 56 DEGREES 08 MINUTES 00 SECONDS WEST, A DISTANCE OF 350 FEET TO A POINT; THENCE SOUTH 48 DEGREES 25 MINUTES 00 SECONDS WEST, A DISTANCE OF 497.38 FEET TO A POINT; THENCE SOUTH 33 DEGREES 52 MINUTES 00 SECONDS EAST, A DISTANCE OF 460.36 FEET TO A POINT ON THE NORTHERN RIGHT OF WAY LINE OF CARROT ALLEY (UNOPENED); THENCE ALONG SAID NORTHERN RIGHT OF WAY LINE OF CARROT ALLEY (UNOPENED), NORTH 82 DEGREES 54 MINUTES 00 SECONDS WEST, A DISTANCE OF 640.11 FEET TO A POINT; THENCE ALONG OTHER LANDS OF JESSE RICH (OF WHICH THIS WAS FORMERLY A PART), NORTH 02 DEGREES 52 MINUTES 19 SECONDS WEST, A DISTANCE OF 408.68 FEET TO A POINT; THENCE ALONG SAID LAND OF JACK BLUMENFELD, THE FOLLOWING THREE COURSES AND DISTANCES: (1) NORTH 86 DEGREES 45 MINUTES EAST, A DISTANCE OF 24.73 FEET TO A POINT; (2) THENCE ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 1465.50 FEET, AN ARC DISTANCE OF 780.98 FEET AND A CHORD BEARING OF NORTH 71 DEGREES 29 MINUTES 00 SECONDS EAST, A DISTANCE OF 771.77 FEET TO A POINT; (3) THENCE NORTH 56 DEGREES 13 MINUTES 00 SECONDS EAST, A DISTANCE OF 350 FEET TO THE PLACE OF BEGINNING. CONTAINING 266,750 SQUARE FEET. BEING ALSO KNOWN AS LOT A IN THE FINAL LAND SUBDIVISION PLAN FOR WAL-MART STORES, INC., RECORDED DECEMBER 30, 1992 IN PLAN BOOK 40, PAGE 199.

TRACT NO. 2

BEGINNING AT A POINT AT THE INTERSECTION OF THE NORTHERN RIGHT OF WAY LINE OF LEHMAN STREET AND THE CENTER LINE OF NORTH 15TH AVENUE, A/K/A SR 1011, (ERRONEOUSLY SHOWN AS 25TH AVENUE ON CHAIN DEED); THENCE ALONG SAID NORTHERN RIGHT OF WAY LINE OF LEHMAN STREET, SOUTH 48 DEGREES 52 MINUTES 00 SECONDS WEST, A DISTANCE OF 566.02 FEET TO A POINT; THENCE ALONG THE NORTHERN RIGHT OF WAY LINE OF CARROT ALLEY (UNOPENED), NORTH 89 DEGREES 13 MINUTES 19 SECONDS WEST, A DISTANCE OF 342.05 FEET TO A POINT; THENCE ALONG LAND OF JESSE RICH, THE FOLLOWING THREE COURSES AND DISTANCES, (1) NORTH 33 DEGREES 52 MINUTES 00 SECONDS WEST, A DISTANCE OF 460.36 FEET TO A POINT, (2) THENCE NORTH 48 DEGREES 25 MINUTES 00 SECONDS EAST, A DISTANCE OF 497.38 FEET TO A POINT, (3) THENCE NORTH 56 DEGREES 08 MINUTES 00 SECONDS EAST, A DISTANCE OF 350 FEET TO A POINT IN SAID CENTER LINE OF NORTH 15TH AVENUE; THENCE IN SAID CENTER LINE OF NORTH 15TH AVENUE, SOUTH 33 DEGREES 55 MINUTES 20 SECONDS EAST, A DISTANCE OF 650 FEET TO THE PLACE OF BEGINNING. CONTAINING 544,298 SQUARE FEET (12.4954 ACRES).

EXCEPTING THEREOUT AND THEREFROM ALL THOSE THREE CERTAIN LOTS OF GROUND AS DESCRIBED IN DEEDS FROM WAL-MART STORES, INC., TO:

1. FULTON FINANCIAL REALTY CO., DATED JULY 19, 1993 AND RECORDED JULY 23, 1993 IN DEED BOOK 295, PAGE 671. (1.4969 ACRES)

2. WENDY'S OLD FASHIONED HAMBURGERS OF NEW YORK, INC., DATED OCTOBER 4, 1993 AND RECORDED OCTOBER 7, 1993 IN DEED BOOK 297, PAGE 948. (1.056 ACRES)

3. NORTH LEBANON TOWNSHIP, DATED NOVEMBER 11, 1993 AND RECORDED JANUARY 14, 1994 IN DEED BOOK 300, PAGE 985. (0.5577 ACRES FOR ROAD PURPOSES)

BEING ALSO KNOWN AS LOT 1 IN THE FINAL LAND SUBDIVISION PLAN FOR WAL-MART STORES, INC., RECORDED DECEMBER 30, 1992 IN PLAN BOOK 40, PAGE 199.

TRACT NO. 3

BEGINNING AT A POINT IN THE CENTER LINE OF NORTH 15TH AVENUE (SR 1011), SAID POINT BEING THE NORTHEASTERN CORNER OF LAND OF JESSE RICH; THENCE ALONG SAID LAND OF JESSE RICH, THE FOLLOWING THREE COURSES AND DISTANCES, (1) SOUTH 56 DEGREES 13 MINUTES 00 SECONDS WEST, A DISTANCE OF 350.24 FEET TO A POINT; (2) THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 1465.50 FEET, AN ARC DISTANCE OF 780.98 FEET AND A CHORD BEARING OF SOUTH 71 DEGREES 29 MINUTES 00 SECONDS WEST, A DISTANCE OF 771.77 FEET TO A POINT; (3) THENCE SOUTH 86 DEGREES 45 MINUTES WEST, A DISTANCE OF 24.73 FEET TO A POINT; THENCE ALONG OTHER LANDS OF JACK BLUMENFELD (OF WHICH THIS WAS FORMERLY A PART), NORTH 02 DEGREES 52 MINUTES 19 SECONDS WEST, A DISTANCE OF 599.92 FEET TO A POINT; THENCE ALONG LAND OF RICHARD A. AND KATHRYN A. SEYFERT, THE FOLLOWING TWO COURSES AND DISTANCES, (1) NORTH 84 DEGREES 05 MINUTES 00 SECONDS EAST, A DISTANCE OF 124.93 FEET TO A POINT; (2) THENCE NORTH 05 DEGREES 55 MINUTES 00 SECONDS WEST, A DISTANCE OF 30.82 FEET TO A POINT; THENCE ALONG OTHER LANDS OF JACK BLUMENFELD (106-549), NORTH 84 DEGREES 56 MINUTES 00 SECONDS EAST, A DISTANCE OF 778.29 FEET TO A POINT IN SAID CENTER LINE OF NORTH 15TH AVENUE; THENCE ALONG SAID CENTER LINE OF NORTH 15TH AVENUE, SOUTH 33 DEGREES 52 MINUTES 00 SECONDS EAST, A DISTANCE OF 325.40 FEET TO THE PLACE OF BEGINNING. CONTAINING 529,544 SQUARE FEET. BEING ALSO KNOWN AS LOT B IN THE FINAL LAND SUBDIVISION PLAN FOR WAL-MART STORES, INC., RECORDED DECEMBER 30, 1992 IN PLAN BOOK 40, PAGE 199.

EXCEPTING THEREOUT AND THEREFROM ALL THAT CERTAIN LOT OF GROUND AS DESCRIBED IN DEED FROM WAL-MART STORES, INC., TO HENRY J. ARNOLD, JR. AND MILDRED I. ARNOLD, HUSBAND AND WIFE, DATED AUGUST 19 , 1993 AND RECORDED APRIL 19, 1993 IN DEED BOOK 349, PAGE 639. (0.3268 ACRES)

THE ABOVE THREE DESCRIBED TRACTS TOGETHER BEING ALSO DESIGNATED AS TAX PARCEL NO. 27-2347490-373272-0000.

BEING THE SAME PROPERTY CONVEYED TO WAL-MART REAL ESTATE BUSINESS TRUST, A DELAWARE STATUTORY TRUST, BY DEED FROM WAL-MART STORES, INC., DATED JANUARY 31, 2008 AND RECORDED JANUARY 22, 2009 IN THE LEBANON COUNTY RECORDER OF DEEDS OFFICE IN DEED BOOK 2125, PAGE 3934.



SITE LOCATION MAP

SCALE: 1" = 2,000'

TO: WAL-MART REAL ESTATE BUSINESS TRUST, A DELAWARE STATUTORY TRUST; AND FIDELITY NATIONAL TITLE INSURANCE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2026 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6(A), 6(B), 7(A), 7(B)(1), 7(C), 8, 9, 11(A), 11(B), 19, & 21 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON MARCH 17, 2026.

COMMONWEALTH OF PENNSYLVANIA
M. JUSTIN MAROHNIC
SURVEYOR
No. SU075817

M. JUSTIN MAROHNIC DATE

PENNSYLVANIA REGISTERED PROFESSIONAL LAND SURVEYOR NO. SU075817

THIS CERTIFICATION IS MADE TO ONLY NAMED PARTIES FOR PURCHASE AND/OR MORTGAGE OF HEREIN DELINEATED PROPERTY BY THE NAMED PURCHASER. NO RESPONSIBILITY OR LIABILITY IS ASSUMED BY SURVEYOR FOR THE USE OF SURVEY FOR ANY OTHER PURPOSE INCLUDING, BUT NOT LIMITED TO, USE OF SURVEY AFFIDAVIT, RESALE OF PROPERTY, OR TO ANY OTHER PERSON NOT LISTED IN CERTIFICATION, EITHER DIRECTLY OR INDIRECTLY.

BOHLER
SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
PERMITTING SERVICES
TRANSPORTATION SERVICES
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REVISIONS

REV	DATE	COMMENT	DRAWN BY / CHECKED BY

PROJECT No.:	PAC250150.00-0A
DRAWN BY:	MC
CHECKED BY:	LF
DATE:	04/20/2026
CAD I.D.:	S-ALTA-SURV
FIELD DATE:	03/17/2026
CREW CHIEF:	GS
APPROVED:	EB

ATTENTION ALL CONTRACTORS: LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREIN HAVE BEEN DEVELOPED FROM UTILITY COMPANY RECORDS AND/OR ABOVE-GROUND INSPECTION OF THE SITE. COMPLETENESS OR ACCURACY OF TYPE, SIZE, DEPTH OR HORIZONTAL LOCATION OF UNDERGROUND FACILITIES OR STRUCTURES CANNOT BE GUARANTEED. PURSUANT TO REQUIREMENTS OF PENNSYLVANIA LEGISLATIVE ACT NUMBER 287 OF 1974 AS AMENDED BY ACT 50 OF 2017, CONTRACTORS MUST VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES AND FACILITIES PRIOR TO START OF WORK.
WWW.PA1CALL.ORG
#(BOHLER)(267)402-3400 #(SURVEY)(703)709-9500

PROJECT:

ALTA/NSPS LAND TITLE SURVEY

FOR

Walmart Supercenter

#2023-251

ON A PORTION OF
1355 EAST LEHMAN STREET
NORTH LEBANON TOWNSHIP
LEBANON COUNTY, PENNSYLVANIA

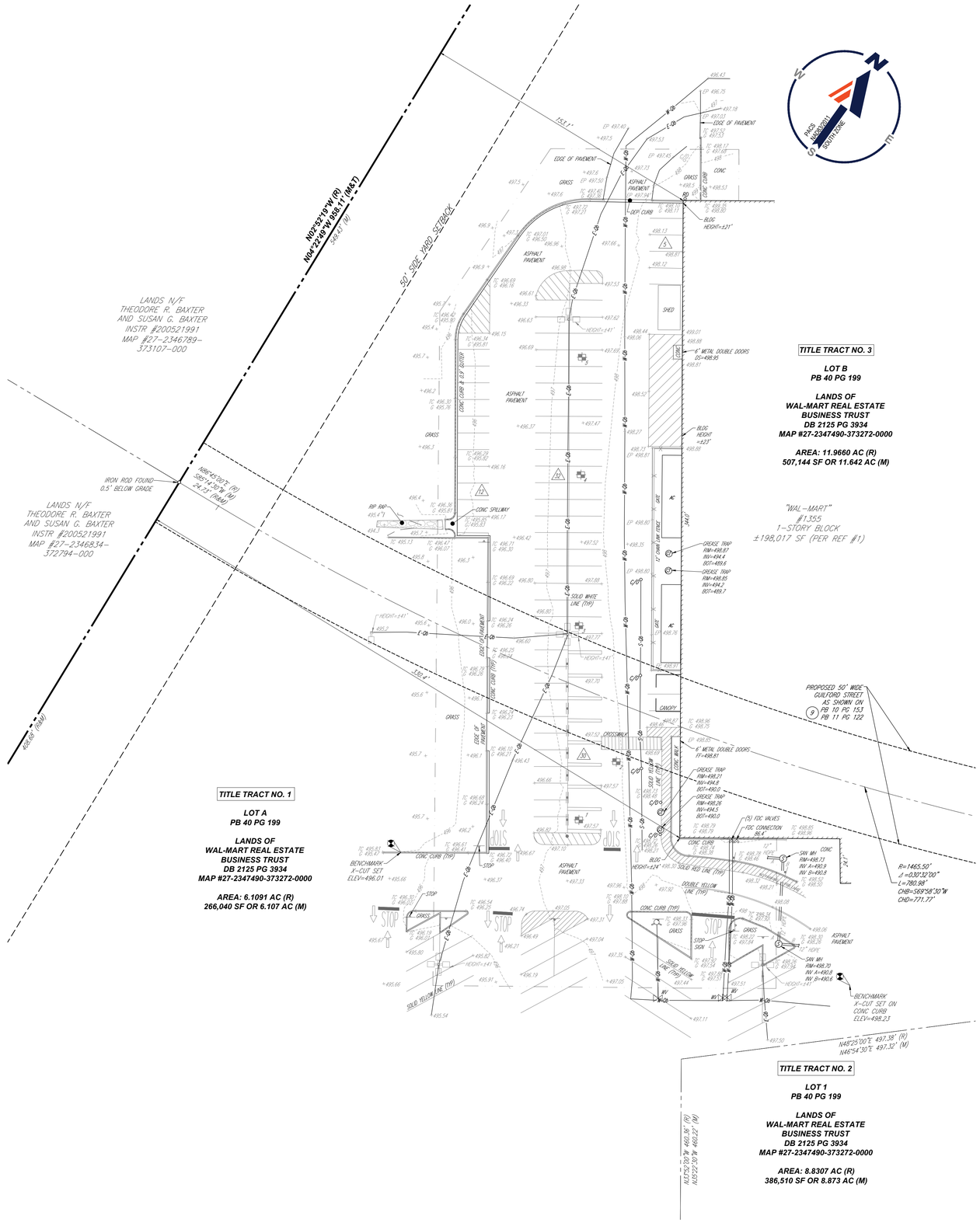
BOHLER
1515 MARKET STREET, SUITE 920
PHILADELPHIA, PA 19102
Phone: (267) 402-3400
Fax: (267) 402-3401
www.BohlerEngineering.com

150 75 37.5 0 150
SCALE: 1" = 150'

SHEET NUMBER: 1 OF 2

ORG. DATE - 04/20/2026

I:\BOHLER\ENG.NET\SHARES\PA-PROJECTS\2025\PAC\250150.00\SURVEY\CADD\DWG\NSPS\SURVEY'S-ALTA-SURV-PAC250150.00-0A-----1=LAYOUT: 1
EB



TITLE TRACT NO. 3

LOT B
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 11.9660 AC (R)
507,144 SF OR 11.642 AC (M)

"WAL-MART"
#1355
1-STORY BLOCK
±198,017 SF (PER REF #1)

TITLE TRACT NO. 1

LOT A
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 6.1091 AC (R)
266,040 SF OR 6.107 AC (M)

TITLE TRACT NO. 2

LOT 1
PB 40 PG 199

LANDS OF
WAL-MART REAL ESTATE
BUSINESS TRUST
DB 2125 PG 3934
MAP #27-2347490-373272-0000

AREA: 8.8307 AC (R)
386,510 SF OR 8.873 AC (M)

LEGEND

123 / 123	EXISTING CONTOUR
X 123.45	EXISTING SPOT ELEVATION
X EP 123.45	EXIST EDGE OF PAVEMENT ELEVATION
X TC 123.45	EXIST TOP OF CURB ELEVATION
X G 122.95	EXIST GUTTER ELEVATION
S	APPROX LOC UNDERGROUND SANITARY LINE PER MARKOUT
E	APPROX LOC UNDERGROUND ELEC LINE PER MARKOUT
W	APPROX LOC UNDERGROUND WATER LINE PER MARKOUT
S	SANITARY MANHOLE
GT	GREASE TRAP
SC	SANITARY CLEANOUT
D	STORM DRAIN MANHOLE
SDC	STORM DRAIN CLEANOUT
RD	ROOF DRAIN
	HYDRANT
	FIRE DEPARTMENT CONNECTION
WV	WATER VALVE
	AREA LIGHT
	SIGN
	BOLLARD SIGN
	BOLLARD
	FENCE
AC	AIR CONDITIONER
	PAINTED ARROWS
STOP	STOP BAR
	PROPERTY CORNER FOUND
	BENCHMARK
B-29	BORING LOCATION
7	TITLE REPORT EXCEPTION
LSA	LANDSCAPED AREA
10	DENOTES PARKING SPACE COUNT
(M)	MEASURED
(R)	RECORD
(T)	TOTAL
LP	LIGHT POLE
	LIMITS OF ALTA/NSPA LAND TITLE SURVEY

BOHLER

SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
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REVISIONS

REV	DATE	COMMENT	DRAWN BY / CHECKED BY

PROJECT No.:	PAC250150.00-0A
DRAWN BY:	MC
CHECKED BY:	LF
DATE:	04/20/2026
CAD I.D.:	S-ALTA-SURV
FIELD DATE:	03/17/2026
CREW CHIEF:	GS
APPROVED:	EB

ATTENTION ALL CONTRACTORS: LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREIN HAVE BEEN DEVELOPED FROM UTILITY COMPANY RECORDS AND/OR ABOVE-GROUND INSPECTION OF THE SITE. COMPLETENESS OR ACCURACY OF TYPE, SIZE, DEPTH OR HORIZONTAL LOCATION OF UNDERGROUND FACILITIES OR STRUCTURES CANNOT BE GUARANTEED. PURSUANT TO REQUIREMENTS OF PENNSYLVANIA LEGISLATIVE ACT NUMBER 287 OF 1974 AS AMENDED BY ACT 50 OF 2017, CONTRACTORS MUST VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES AND FACILITIES PRIOR TO START OF WORK.
WWW.PACALL.ORG
#(BOHLER)(267)402-3400/ #(SURVEY)(703)709-9500

PROJECT:

ALTA/NSPS LAND TITLE SURVEY

FOR

Walmart Supercenter

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ON A PORTION OF
1355 EAST LEHMAN STREET
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1515 MARKET STREET, SUITE 920
PHILADELPHIA, PA 19102
Phone: (267) 402-3400
Fax: (267) 402-3401
www.BohlerEngineering.com

30 15 7.5 0 30
SCALE: 1" = 30'

SHEET NUMBER:

2
OF 2

ORG. DATE - 04/20/2026

COMMONWEALTH OF PENNSYLVANIA
REGISTERED
PROFESSIONAL LAND SURVEYOR
M. JUSTIN MAROHNIC
SURVEYOR
04/20/26
No. SU075817
PENNSYLVANIA

M. JUSTIN MAROHNIC DATE
PENNSYLVANIA REGISTERED PROFESSIONAL LAND SURVEYOR NO. SU075817

I:\BOHLER\ENG.NET\SHARES\PA-PROJECTS\2025\PAC250150.00\SURVEY\CAD\DRAWINGS\SURVEY\S-ALTA SURV-PAC250150.00-0A-----3LAYOUT.2
EB