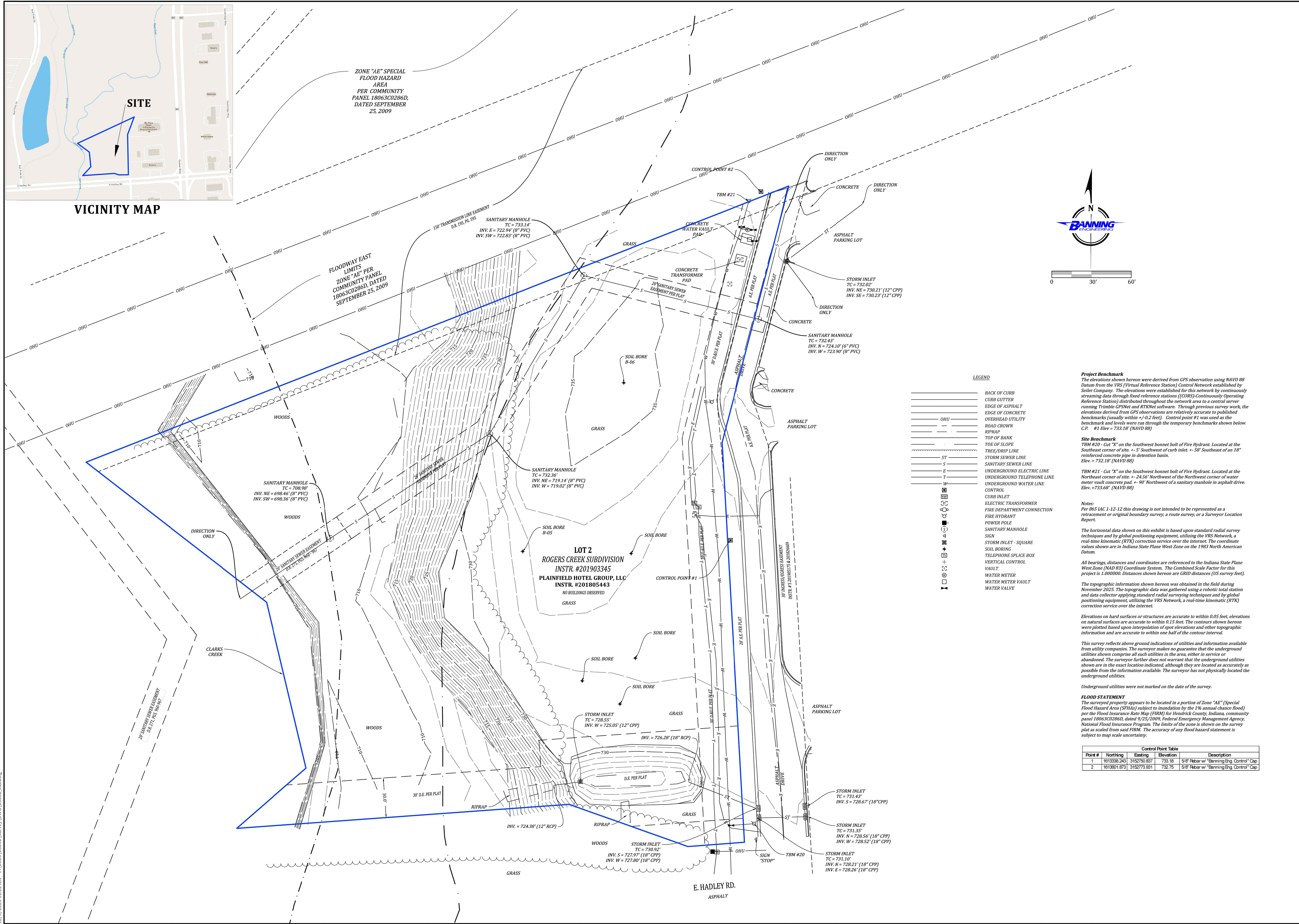




VICINITY MAP

ZONE "AE" SPECIAL FLOOD HAZARD AREA PER COMMUNITY PANEL 18063C0286D, DATED SEPTEMBER 25, 2009

FLOODWAY EAST LIMITS ZONE "AE" PER COMMUNITY PANEL 18063C0286D, DATED SEPTEMBER 25, 2009



- LEGEND**
- BACK OF CURB
 - CURB GUTTER
 - EDGE OF ASPHALT
 - EDGE OF CONCRETE
 - OHU
 - ROAD CROWN
 - TOP OF BANK
 - TOE OF SLOPE
 - TREE/DRIPLINE
 - STORM SEWER LINE
 - SANITARY SEWER LINE
 - UNDERGROUND ELECTRIC LINE
 - UNDERGROUND TELEPHONE LINE
 - UNDERGROUND WATER LINE
 - CONTROL
 - CURB INLET
 - ELECTRIC TRANSFORMER
 - FIRE DEPARTMENT CONNECTION
 - FIRE HYDRANT
 - POWER POLE
 - SANITARY MANHOLE
 - SIGN
 - STORM INLET - SQUARE
 - SOIL BORING
 - TELEPHONE SPLICE BOX
 - VERTICAL CONTROL
 - VAULT
 - WATER METER
 - WATER METER VAULT
 - WATER VALVE

Project Benchmark
The elevations shown hereon were derived from GPS observation using NAVD 88 Datum from the VRS (Virtual Reference Station) Control Network established by Seiler Company. The elevations were established for this network by continuously streaming data through fixed reference stations (CORS) Continuously Operating Reference Station) distributed throughout the network area to a central server running Trimble GSN and RTKNet software. Through previous survey work, the elevations derived from GPS observations are relatively accurate to published benchmarks (usually within +/-0.2 feet). Control point #1 was used as the benchmark and levels were run through the temporary benchmarks shown below. C.P. #1 Elev = 733.18' (NAVD 88)

Site Benchmark
TBM #20 - Cut "X" on the Southwest bonnet bolt of Fire Hydrant. Located at the Northeast corner of site. + 24.56' Northwest of the Northwest corner of water meter vault concrete pad. + 58' Southeast of an 18" reinforced concrete pipe in detention basin. Elev = 732.18' (NAVD 88)

TBM #21 - Cut "X" on the Southwest bonnet bolt of Fire Hydrant. Located at the Southeast corner of site. + 5' Southwest of curb inlet + 58' Southeast of an 18" reinforced concrete pipe in detention basin. Elev = 733.68' (NAVD 88)

Notes:
For 865 IAC 1-12-12 this drawing is not intended to be represented as a retracement or original boundary survey, a route survey, or a Surveyor Location Report.
The horizontal data shown on this exhibit is based upon standard radial survey techniques and by global positioning equipment, utilizing the VRS Network, a real-time kinematic (RTK) correction service over the internet. The coordinate values shown are in Indiana State Plane West Zone on the 1983 North American Datum.
All bearings, distances and coordinates are referenced to the Indiana State Plane West Zone (NAD 83) Coordinate System. The Combined Scale Factor for this project is 1.000006. Distances shown hereon are GRID distances (US survey feet).
The topographic information shown hereon was obtained in the field during November 2025. The topographic data was gathered using a robotic total station and data collector applying standard radial surveying techniques and by global positioning equipment, utilizing the VRS Network, a real-time kinematic (RTK) correction service over the internet.
Elevations on hard surfaces or structures are accurate to within 0.05 feet, elevations on natural surfaces are accurate to within 0.15 feet. The contours shown hereon were plotted based upon interpolation of spot elevations and other topographic information and are accurate to within one half of the contour interval.
This survey reflects above ground indications of utilities and information available from utility companies. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated, although they are located as accurately as possible from the information available. The surveyor has not physically located the underground utilities.
Underground utilities were not marked on the date of the survey.

FLOOD STATEMENT
The surveyed property appears to be located in a portion of Zone "AE" (Special Flood Hazard Area (SFHA) subject to inundation by the 1% annual chance flood) per the Flood Insurance Rate Map (FIRM) for Hendricks County, Indiana, community panel 18063C0286D, dated 9/25/2009, Federal Emergency Management Agency, National Flood Insurance Program. The limits of the zone is shown on the survey plot as scaled from said FIRM. The accuracy of any flood hazard statement is subject to map scale uncertainty.

Point #	Northing	Easting	Elevation	Description
1	1613338.243	3152790.837	733.18	5" B' Rebar w/ "Banning Eng. Control" Cap
2	1613301.873	3152773.931	732.75	5" B' Rebar w/ "Banning Eng. Control" Cap

TOPOGRAPHIC SURVEY
PREPARED FOR: KIMLEY-HORN
LOT 2 IN ROGERS CREEK SUBDIVISION
PLAINFIELD, HENDRICKS COUNTY, INDIANA

BANNING ENGINEERING
865 COLUMBIA ROAD, SUITE #101
PLAINFIELD, IN 46168
BUS: (317) 707-3700; FAX: (317) 707-3800
E-MAIL: Banning@BanningEngineering.com
WEB: www.BanningEngineering.com

Project No: 25262
Sheet No:

12/3/2025 10:22 AM P:\2025\25262\Survey\DWG\25262.dwg

GENERAL NOTES

1. EXISTING SITE TOPOGRAPHY, UTILITIES, RIGHT-OF-WAY AND HORIZONTAL CONTROL SHOWN ON THE DRAWINGS WERE OBTAINED FROM A SURVEY PREPARED BY: BANNING ENGINEERING 853 COLUMBIA RD, SUITE #101 PLAINFIELD, IN 46168 TEL: 317 707-3700 COPIES OF THE SURVEY ARE AVAILABLE FROM THE ENGINEER. SITE CONDITIONS MAY HAVE CHANGED SINCE THE SURVEY WAS PREPARED. CONTRACTORS TO VISIT SITE TO FAMILIARIZE THEMSELVES WITH THE CURRENT CONDITIONS.

29. ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWERS, VALVE VAULT COVERS, FIRE HYDRANTS, AND 8-BOXES ARE TO BE ADJUSTED TO MEET FINISHED GRADE. THE CONTRACTOR'S ADJUSTMENT IS TO BE MADE BY THE SEWER AND WATER CONTRACTOR, AND THE COST IS TO BE CONSIDERED INCIDENTAL TO THESE ADJUSTMENTS TO FINISH GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY THE MUNICIPALITY UPON FINAL INSPECTION OF THE PROJECT.

PAVING NOTES

1. GENERAL 1.1. PAVING WORK INCLUDES FINAL SUBGRADE, PREPARATION, AND COMPACTION; PLACEMENT OF SUBBASE OR BASE COURSE MATERIALS; BITUMINOUS BINDER AND/OR SURFACE COURSES; FORMING, FINISHING, AND CURING CONCRETE PAVEMENT, CURBS, AND WALKS; AND FINAL CLEAN-UP AND ALL RELATED WORK.

5. ALL SANITARY SEWERS ARE TO BE CONSTRUCTED USING A LASER INSTRUMENT TO MAINTAIN LINE AND GRADE. 6. CONNECTIONS TO EXISTING SANITARY SEWER SYSTEM SHALL NOT BE DONE UNTIL AUTHORIZED BY THE TOWN OF PLAINFIELD.

PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION. 16.1.2. WATERMANS MAY BE LAID CLOSER THAN TEN (10) FEET TO A SEWER LINE WHEN: 16.1.2.1. LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10) FEET;

7. THE CONTRACTOR IS RESPONSIBLE FOR HAVING A SET OF "APPROVED" ENGINEERING PLANS WITH THE LATEST REVISION DATA ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE SURVEYOR OR ENGINEER BEFORE DOING ANY WORK.

37. THE CONTRACTOR SHALL CONFORM TO ALL EROSION CONTROL REQUIREMENTS AS SET FORTH BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM) AND ALL APPLICABLE REGULATIONS AND STANDARDS FOR SOIL EROSION AND SEDIMENTATION CONTROL AND SHALL BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS, ACCEPTABLE TO THE ENGINEER, HAS DEVELOPED.

EARTHWORK NOTES

1. GENERAL 1.1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE. 1.2. ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A GUIDE FOR THE CONTRACTOR'S USE IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT.

17. ALL WATERMANS SHALL BE PRESSURE-TESTED FOR A MINIMUM OF 2 HOURS AT 200 PSI, FLUSHED, AND DISINFECTED IN ACCORDANCE WITH AWWA AND TOWN OF PLAINFIELD SPECIFICATIONS. EACH VALVE SECTION SHALL BE PRESSURE-TESTED FOR A MINIMUM OF ONE (1) HOUR. ALLOWABLE LEAKAGE IS TO BE ONLY THAT WHICH IS PREDETERMINED BY THE TOWN OF PLAINFIELD. AT NO TIME IS THERE TO BE ANY VISIBLE LEAKAGE FROM THE MAIN.

16.2.4. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10) FEET. 17.1. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS OF THE AUTHORITY HAVING JURISDICTION.

15. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL EMERGENCY TRAFFIC, AS DIRECTED BY THE MUNICIPALITY. 16. ANY EXISTING SIGNS, LIGHT STANDARDS, AND UTILITY POLES THAT INTERFERE WITH CONSTRUCTION OPERATIONS AND ARE NOT NOTED ON THE PLANS FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

13. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET BY THE SURVEYOR AT THE CONTRACTOR'S EXPENSE. 14. NOTIFICATION OF COMMENCING CONSTRUCTION 14.A. THE CONTRACTOR SHALL NOTIFY AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

SANITARY SEWER NOTES

1. SANITARY SEWER PIPE: ALL SANITARY SEWER PIPE MATERIAL, SIZE AND TYPE SHALL BE INSTALLED AS INDICATED ON THE UTILITY PLAN, UNLESS OTHERWISE NOTED ON THE PLANS.

16.2.3. A VERTICAL SEPARATION OF EIGHTEEN (18) INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE WATERMAIN SHALL BE MAINTAINED WHERE WATERMANS CROSS UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING OF THE WATERMAIN.

16.2.3.1. IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION, AS DESCRIBED ABOVE; OR 16.2.3.2. THE WATERMAIN PASSES UNDER A SEWER OR DRAIN.

17. ALL TREES TO BE SAVED SHALL BE IDENTIFIED PRIOR TO CONSTRUCTION BY THE LANDSCAPE ARCHITECT AND SHALL BE PROTECTED PER IDOT SECTION 201.05. THE RIGHT-OF-WAY LINE AND LIMITS OF THE CONTRACTOR'S OPERATIONS SHALL BE CLEARLY DEFINED THROUGHOUT THE CONSTRUCTION PERIOD.

14. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADJUSTMENT REQUESTED DUE TO DELAYS OR UNSATISFACTORY MATERIALS.

GENERAL NOTES

1. EXISTING SITE TOPOGRAPHY, UTILITIES, RIGHT-OF-WAY AND HORIZONTAL CONTROL SHOWN ON THE DRAWINGS WERE OBTAINED FROM A SURVEY PREPARED BY: BANNING ENGINEERING 853 COLUMBIA RD, SUITE #101 PLAINFIELD, IN 46168 TEL: 317 707-3700

16.2.4. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10) FEET. 17.1. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS OF THE AUTHORITY HAVING JURISDICTION.

16.2.4. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10) FEET. 17.1. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS OF THE AUTHORITY HAVING JURISDICTION.

28. ANY FIELD TIES ENCOUNTERED SHALL BE INSPECTED BY THE ENGINEER. THE DRAIN TILE SHALL BE CONSTRUCTED TO THE STORM SEWER OR PLUMBING APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE LOCATIONS AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT.

32. IF SOFT, SPONGY, OR OTHER UNSUITABLE SOILS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSI ARE ENCOUNTERED AT THE BOTTOM OF THE TRENCH, ALL SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH WELL-COMPACTED FILL. THE FINISHED TOP SURFACE SHALL BE MAINTAINED AT LEAST TWO (2) FEET HORIZONTAL OF PROPOSED OR EXISTING PAVEMENT.

6.2. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL OR OTHERWISE CORRECTED AND APPROVED BY THE ENGINEER.

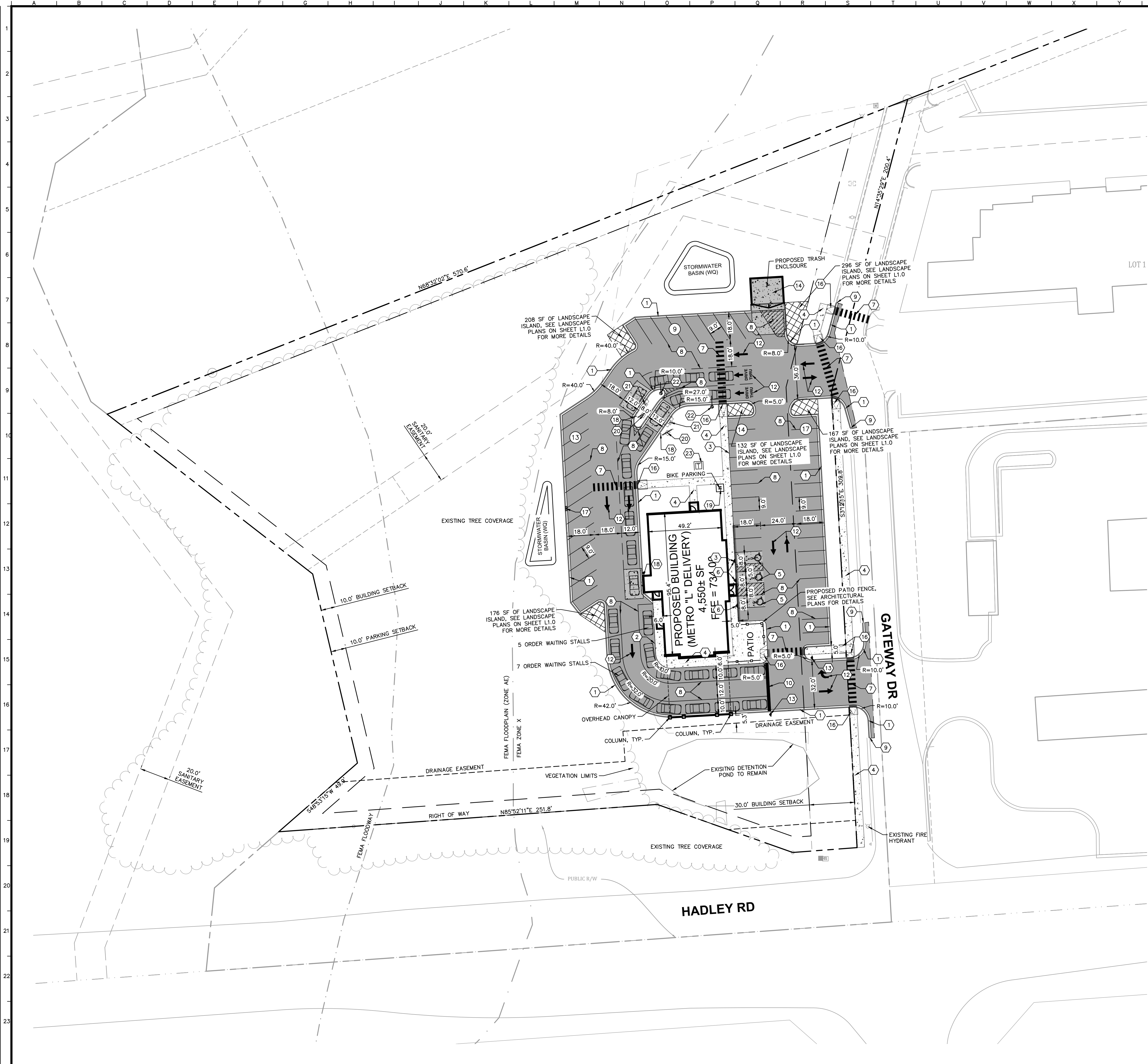
16.1.1. WATERMANS SHALL BE LAID AT LEAST TEN (10) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION.

16.1.1. WATERMANS SHALL BE LAID CLOSER THAN TEN (10) FEET TO A SEWER LINE WHEN: 16.1.2.1. LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10) FEET;

IF ANY NOTES ON THIS SHEET CONFLICT WITH THE TOWN OF PLAINFIELD DETAILS/SPECIFICATIONS, THE TOWN OF PLAINFIELD DETAILS/SPECIFICATIONS SHALL GOVERN.

Scale: AS NOTED DESIGNED BY: JTH DRAWN BY: LEA CHECKED BY: BMH PROJECT NO: 168974043 SHEET NUMBER: C1.0

Drawing name: K:\CHL\DEV\168974043_Plainfield_MV_Design\CAD\PlanSheets\03.0 - SITE PLAN.dwg C3.0 Dec 30, 2025 12:43pm by: Jenna Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NORTH

GRAPHIC SCALE IN FEET

Indiana 811

**SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.**

- ### GENERAL NOTES
1. ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
 3. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
 4. RADI ADJACENT TO PARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 3'-FEET, TYPICAL.
 5. REFER TO ARCHITECTURAL PLANS FOR MONUMENT SIGN DETAILS. SEE MEP PLANS FOR SITE ELECTRICAL DRAWINGS.
 6. ALL PROPOSED ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.

- ### KEY NOTES
- 1 6-INCH CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
 - 2 CURB FLUSH WITH ADJACENT PAVEMENT
 - 3 INTEGRAL CURB AND WALK (AROUND BUILDING, SEE DETAILS)
 - 4 CONCRETE SIDEWALK, TYP. (SEE DETAILS)
 - 5 ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
 - 6 ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
 - 7 5-FT WIDE PAINTED CROSSWALK (SEE DETAILS)
 - 8 4" WIDE PAINTED SOLID LINE, TYP.
 - 9 CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
 - 10 24" WIDE STOP BAR, TYP. (SEE DETAILS)
 - 11 STOP SIGN, TYP. (MUTCD R1-1, SEE DETAILS)
 - 12 SITE DIRECTIONAL MARKINGS
 - 13 "DO NOT ENTER" SIGN (SEE SIGNAGE PLANS FOR DETAILS)
 - 14 TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
 - 15 MONUMENT OR PYLON SIGN (SEE ARCHITECTURAL PLANS FOR DETAILS)
 - 16 ACCESSIBLE RAMP (SEE DETAILS)
 - 17 3-FT CURB CUT (SEE DETAILS)
 - 18 6" BOLLARD, TYP. (SEE DETAILS)
 - 19 BIKE RACK (SEE DETAILS)
 - 20 PROPOSED MENU BOARD (SEE SIGNAGE PLANS FOR DETAILS)
 - 21 PROPOSED ORDER CONFIRMATION SYSTEM (OCS, SEE SIGNAGE PLANS FOR DETAILS)
 - 22 VEHICULAR HEIGHT DETECTOR (VHD, SEE SIGNAGE PLANS FOR DETAILS)
 - 23 TRANSFORMER PAD (FOR REFERENCE ONLY)
 - 24 LIGHT POLES SHOWN FOR COORDINATION ONLY (SEE SITE LIGHTING PLANS)

SITE LEGEND

	CONCRETE SIDEWALK SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	STANDARD DUTY ASPHALT PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	HEAVY DUTY CONCRETE PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	LANDSCAPE ISLAND
	STANDARD PITCH CONCRETE CURB AND GUTTER
	REVERSE PITCH CONCRETE CURB AND GUTTER
	CONCRETE DEPRESSED CURB AND GUTTER
	SAWCUT LINE

SITE DATA TABLE

PROPERTY INFORMATION	
PIN:	32-15-01-381-002.000-012
ADDRESS:	5074 GATEWAY DR, PLAINFIELD, IN 46168
TOTAL AREA:	3.46 ACRES
PARKING SUMMARY:	
PARKING SPACES REQUIRED*	= TBD
BASED ON TOWN OF PLAINFIELD REVIEW	
PROPOSED STANDARD PARKING SPACES PROVIDED	= 50 SPACES
PROPOSED ACCESSIBLE PARKING SPACES PROVIDED	= 3 SPACES
TOTAL PARKING SPACES PROVIDED	= 53 SPACES
PROPOSED DRIVE-THRU STACKING SPACES PROVIDED	= 14 SPACES
PROPOSED ORDER WAITING SPACES PROVIDED	= 14 SPACES
REQUIRED INTERIOR LANDSCAPE ISLANDS	= 4 (576-SF)
PROVIDED INTERIOR LANDSCAPE ISLANDS	= 5 (979-SF)

FEMA NOTE

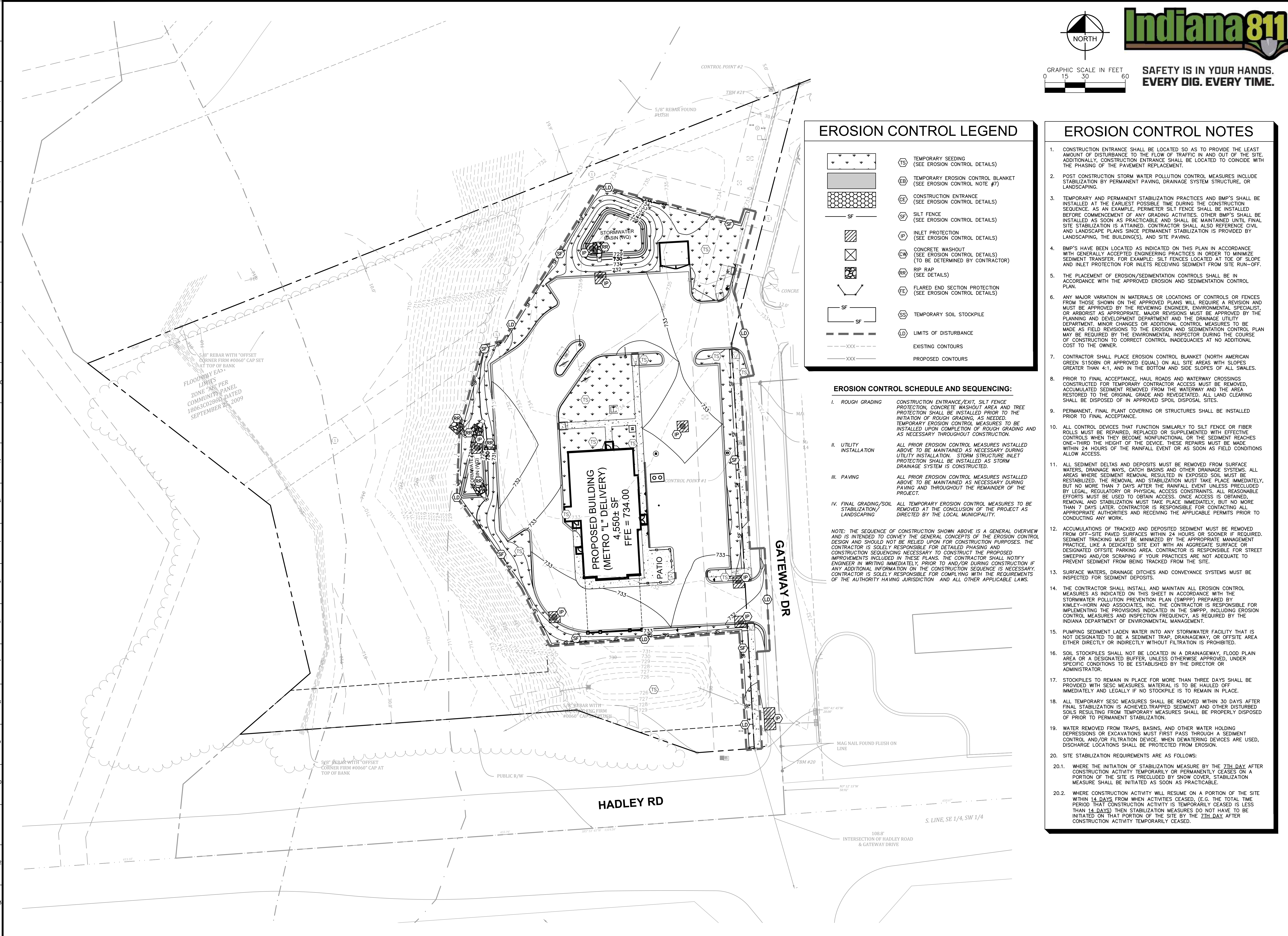
PER FLOOD INSURANCE RATE MAP PANEL NO. 18063C0286D, THE SITE OR A PORTION OF THE SITE IS LOCATED IN ZONE AE, AREAS OF 100-YEAR FLOODING WITH A BASE FLOOD ELEVATION OF 713 FEET.

 © 2025, KIMLEY-HORN AND ASSOCIATES, INC. 111 WEST JACKSON BOULEVARD, STE 1320 PLAINFIELD, IN 46168 PHONE: 317-728-9445 WWW.KIMLEY-HORN.COM	DATE: _____ BY: _____ REVISIONS: _____ No. _____
 SITE PLAN	
CULVER'S 5074 GATEWAY DR PLAINFIELD, IN 46168	
ORIGINAL ISSUE: 12/11/2025 KHA PROJECT NO. 168974043 SHEET NUMBER C3.0	

Drawing name: K:\CH\LD\168974043_Culver's_PlanSheet_VA.0 - EROSION CONTROL PLAN.dwg C4.0 Dec 30, 2025 12:43pm By: Jenna Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60



EROSION CONTROL LEGEND

	TEMPORARY SEEDING (SEE EROSION CONTROL DETAILS)
	TEMPORARY EROSION CONTROL BLANKET (SEE EROSION CONTROL NOTE #7)
	CONSTRUCTION ENTRANCE (SEE EROSION CONTROL DETAILS)
	SILT FENCE (SEE EROSION CONTROL DETAILS)
	INLET PROTECTION (SEE EROSION CONTROL DETAILS)
	CONCRETE WASHOUT (TO BE DETERMINED BY CONTRACTOR)
	RIP RAP (SEE DETAILS)
	FLARED END SECTION PROTECTION (SEE EROSION CONTROL DETAILS)
	TEMPORARY SOIL STOCKPILE
	LIMITS OF DISTURBANCE
	EXISTING CONTOURS
	PROPOSED CONTOURS

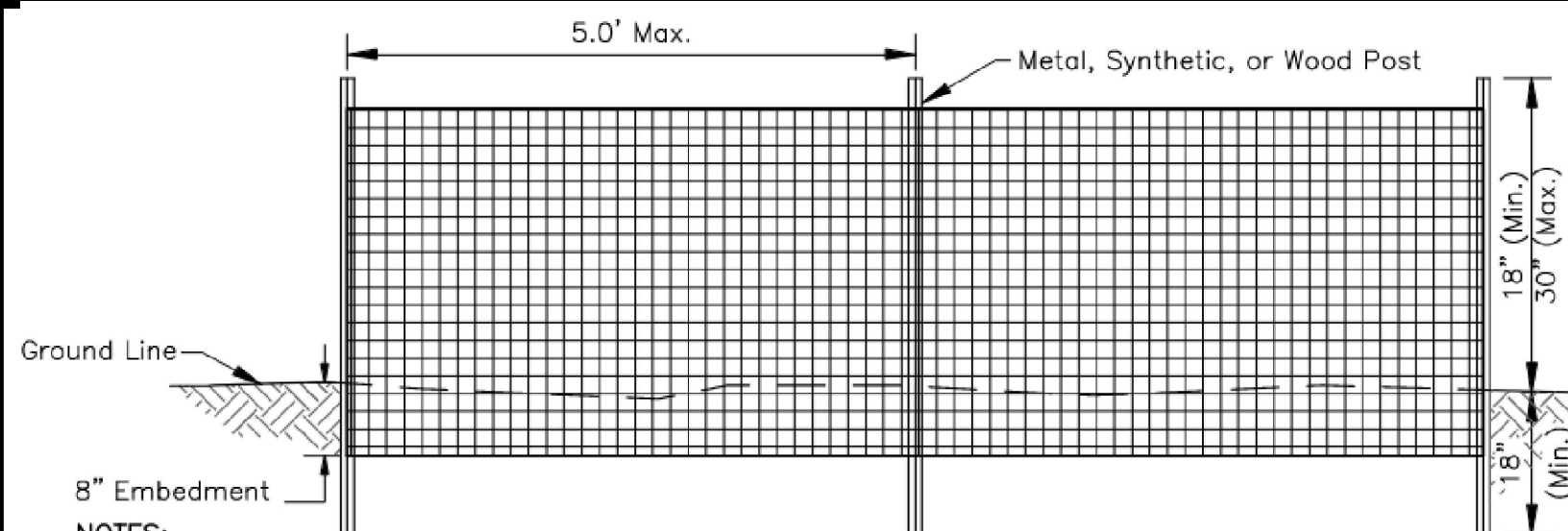
EROSION CONTROL SCHEDULE AND SEQUENCING:

- I. **ROUGH GRADING** CONSTRUCTION ENTRANCE/EXIT, SILT FENCE PROTECTION, CONCRETE WASHOUT AREA AND TREE PROTECTION SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING, AS NEEDED. TEMPORARY EROSION CONTROL MEASURES TO BE INSTALLED UPON COMPLETION OF ROUGH GRADING AND AS NECESSARY THROUGHOUT CONSTRUCTION.
- II. **UTILITY INSTALLATION** ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING UTILITY INSTALLATION. STORM STRUCTURE INLET PROTECTION SHALL BE INSTALLED AS STORM DRAINAGE SYSTEM IS CONSTRUCTED.
- III. **PAVING** ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT.
- IV. **FINAL GRADING/SOIL STABILIZATION/ LANDSCAPING** ALL TEMPORARY EROSION CONTROL MEASURES TO BE REMOVED AT THE CONCLUSION OF THE PROJECT AS DIRECTED BY THE LOCAL MUNICIPALITY.

NOTE: THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

- ### EROSION CONTROL NOTES
1. CONSTRUCTION ENTRANCE SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE. ADDITIONALLY, CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PAVEMENT REPLACEMENT.
 2. POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURES INCLUDE STABILIZATION BY PERMANENT PAVING, DRAINAGE SYSTEM STRUCTURE, OR LANDSCAPING.
 3. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFER TO CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S), AND SITE PAVING.
 4. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.
 5. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
 6. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON APPROVED PLANS SHALL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE PLANNING AND DEVELOPMENT DEPARTMENT AND THE DRAINAGE UTILITY DEPARTMENT. MINOR CHANGES OR ADDITIONAL CONTROL MEASURES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES AT NO ADDITIONAL COST TO THE OWNER.
 7. CONTRACTOR SHALL PLACE EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S1500N OR APPROVED EQUAL) ON ALL SITE AREAS WITH SLOPES GREATER THAN 4:1, AND IN THE BOTTOM AND SIDE SLOPES OF ALL SWALES.
 8. PRIOR TO FINAL ACCEPTANCE, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
 9. PERMANENT, FINAL PLANT COVERING OR STRUCTURES SHALL BE INSTALLED PRIOR TO FINAL ACCEPTANCE.
 10. ALL CONTROL DEVICES THAT FUNCTION SIMILARLY TO SILT FENCE OR FIBER ROLLS MUST BE REPAIRED, REPLACED OR SUPPLEMENTED WITH EFFECTIVE CONTROLS WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES ONE-THIRD THE HEIGHT OF THE DEVICE. THESE REPAIRS MUST BE MADE WITHIN 24 HOURS OF THE RAINFALL EVENT OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
 11. ALL SEDIMENT DELTAS AND DEPOSITS MUST BE REMOVED FROM SURFACE WATERS, DRAINAGE WAYS, CATCH BASINS AND OTHER DRAINAGE SYSTEMS. ALL AREAS WHERE SEDIMENT REMOVAL RESULTED IN EXPOSED SOIL MUST BE RE-STABILIZED. THE REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS AFTER THE RAINFALL EVENT UNLESS PRECLUDED BY LEGAL, REGULATORY OR PHYSICAL ACCESS CONSTRAINTS. ALL REASONABLE EFFORTS MUST BE USED TO OBTAIN ACCESS. ONCE ACCESS IS OBTAINED, REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS LATER. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPROPRIATE AUTHORITIES AND RECEIVING THE APPLICABLE PERMITS PRIOR TO CONDUCTING ANY WORK.
 12. ACCUMULATIONS OF TRACKED AND DEPOSITED SEDIMENT MUST BE REMOVED FROM OFF-SITE PAVED SURFACES WITHIN 24 HOURS OR SOONER IF REQUIRED. SEDIMENT TRACKING MUST BE MINIMIZED BY THE APPROPRIATE MANAGEMENT PRACTICE, LIKE A DEDICATED SITE EXIT WITH AN AGGREGATE SURFACE OR DESIGNATED OFFSITE PARKING AREA. CONTRACTOR IS RESPONSIBLE FOR STREET SWEEPING AND/OR SCRAPING IF YOUR PRACTICES ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED FROM THE SITE.
 13. SURFACE WATERS, DRAINAGE DITCHES AND CONVEYANCE SYSTEMS MUST BE INSPECTED FOR SEDIMENT DEPOSITS.
 14. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS INDICATED ON THIS SHEET IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS INDICATED IN THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND INSPECTION FREQUENCY, AS REQUIRED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.
 15. PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAINAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED.
 16. SOIL STOCKPILES SHALL NOT BE LOCATED IN A DRAINAGEWAY, FLOOD PLAIN AREA OR A DESIGNATED BUFFER, UNLESS OTHERWISE APPROVED, UNDER SPECIFIC CONDITIONS TO BE ESTABLISHED BY THE DIRECTOR OR ADMINISTRATOR.
 17. STOCKPILES TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE PROVIDED WITH SESC MEASURES. MATERIAL IS TO BE HAILED OFF IMMEDIATELY AND LEGALLY IF NO STOCKPILE IS TO REMAIN IN PLACE.
 18. ALL TEMPORARY SESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.
 19. WATER REMOVED FROM TRAPS, BASINS, AND OTHER WATER HOLDING DEPRESSIONS OR EXCAVATIONS MUST FIRST PASS THROUGH A SEDIMENT CONTROL AND/OR FILTRATION DEVICE. WHEN DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION.
 20. SITE STABILIZATION REQUIREMENTS ARE AS FOLLOWS:
 - 20.1. WHERE THE INITIATION OF STABILIZATION MEASURE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES ON A PORTION OF THE SITE IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURE SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - 20.2. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 14 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

No.	DATE	BY	 © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 11 WEST JACOBSON BOULEVARD, STE 1320 PLAINFIELD, IN 46168 PHONE: 317-728-9445 WWW.KIMLEY-HORN.COM
REVISIONS	DATE	BY	
SCALE: AS NOTED DESIGNED BY: JTW DRAWN BY: JEA CHECKED BY: BMH			 EROSION CONTROL PLAN
ORIGINAL ISSUE: 12/11/2025 KHA PROJECT NO. 168974043 SHEET NUMBER C4.0			



NOTES:
Installation:
 Silt Fence Is Not Recommended For Use As A Diversion And Should Not Be Used Across A Stream, Channel, Ditch, Swale, Or Anywhere That Concentrated Flow Is Anticipated.

Lay Out The Location Of The Fence So That It Is Parallel To The Contour Of The Slope And At Least 10 Feet Beyond The Toe Of The Slope To Provide A Sediment Storage Area. Turn The Ends Of The Fence Up Slope Such That The Point Of Contact Between The Ground And The Bottom Of The Fence End Terminates At A Higher Elevation Than The Top Of The Fence At Its Lowest Point.

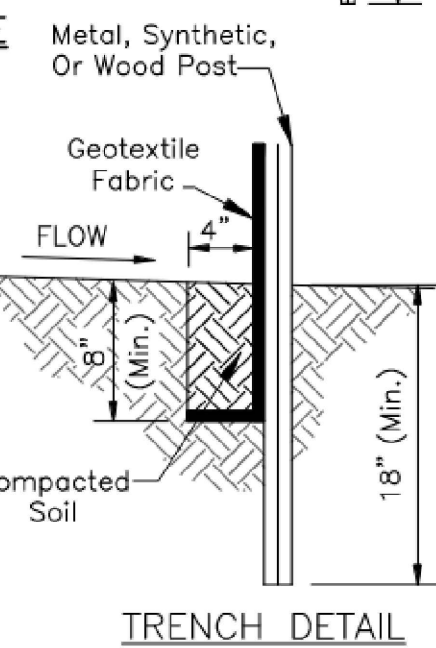
Along The Entire Fence Line, Dig An 8 Inch Deep Flat Bottomed Or V-Shaped Trench. Place Fence According To Manufacturer's Recommendations.

Maintenance:
 Inspect The Silt Fence Weekly And After Each Storm Event.

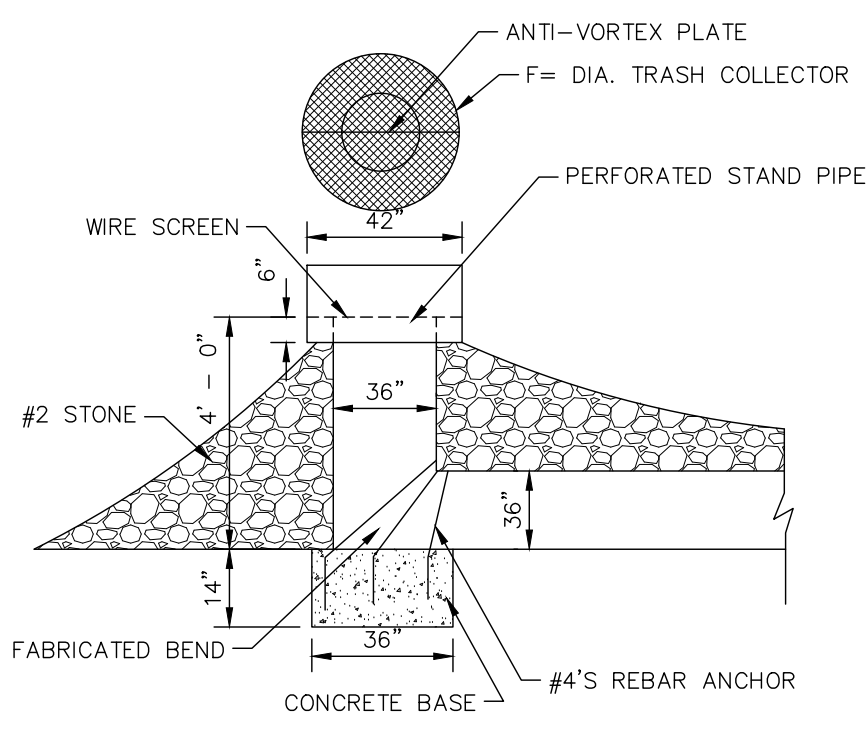
If Fence Fabric Tears, Starts To Decompose, Or In Any Way Becomes Ineffective, Replace The Affected Portion Immediately.

Remove Deposited Sediment When It Reaches Half The Height Of The Fence At Its Lowest Point Or Is Causing The Fabric To Bulge. Take Care To Avoid Undermining The Fence During Clean Out.

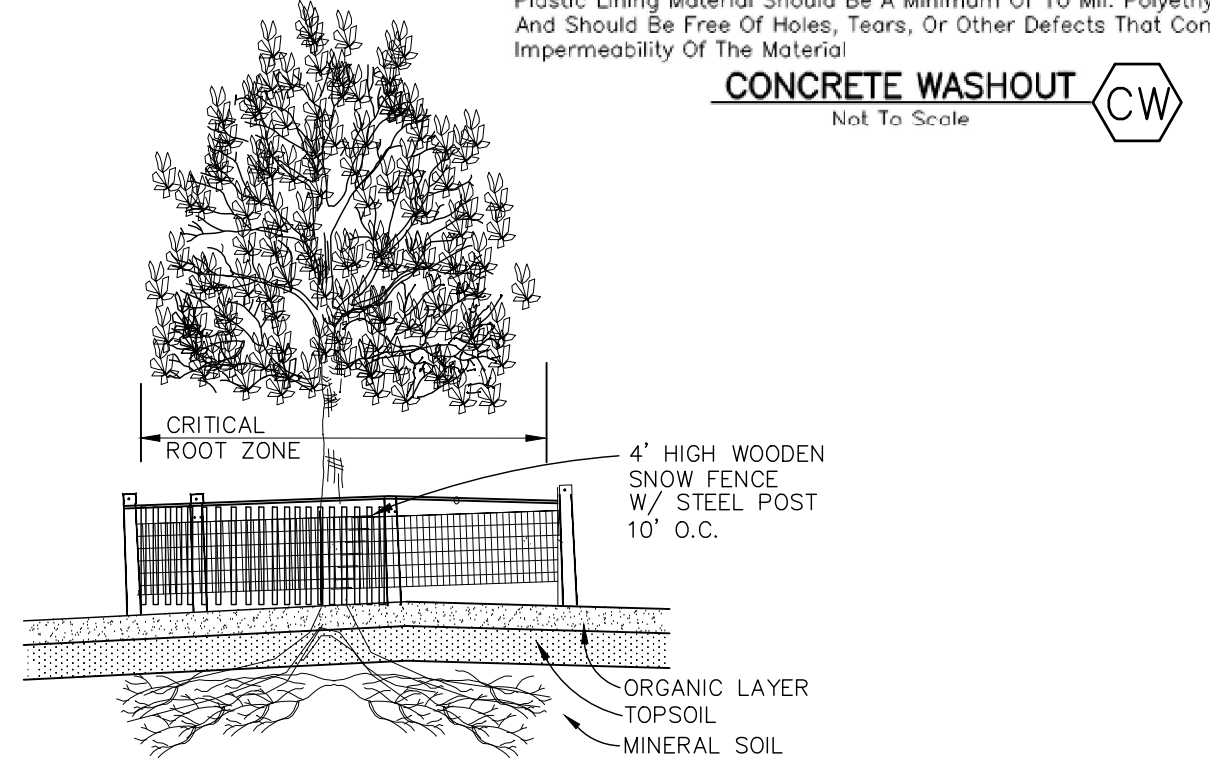
After The Contributing Drainage Area Has Been Stabilized, Remove The Fence And Sediment Deposits, Bring The Disturbed Area To Grade, And Stabilize.



SILT FENCE (SEDIMENT FENCE) (SF)
 Not To Scale

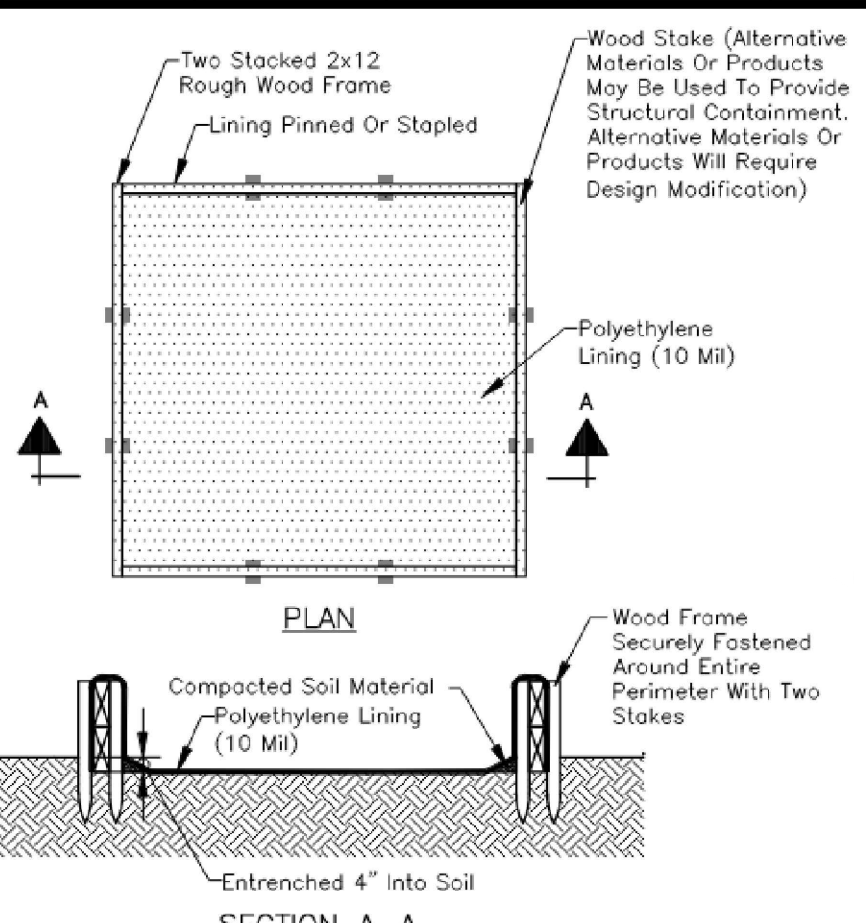


TEMPORARY STANDPIPE DETAIL
 N.T.S.



PROVIDE FENCE AROUND CRITICAL ROOT ZONE OF TREE. FENCE SHALL BE PLACED IN A CIRCLE WITH A RADIUS OF 1" PER 1" DIAMETER OF THE TREE MEASURED AT 4.5' ABOVE GROUND FOR INDIVIDUAL TREES OR STANDS OF TREES.

TREE PROTECTION
 N.T.S.



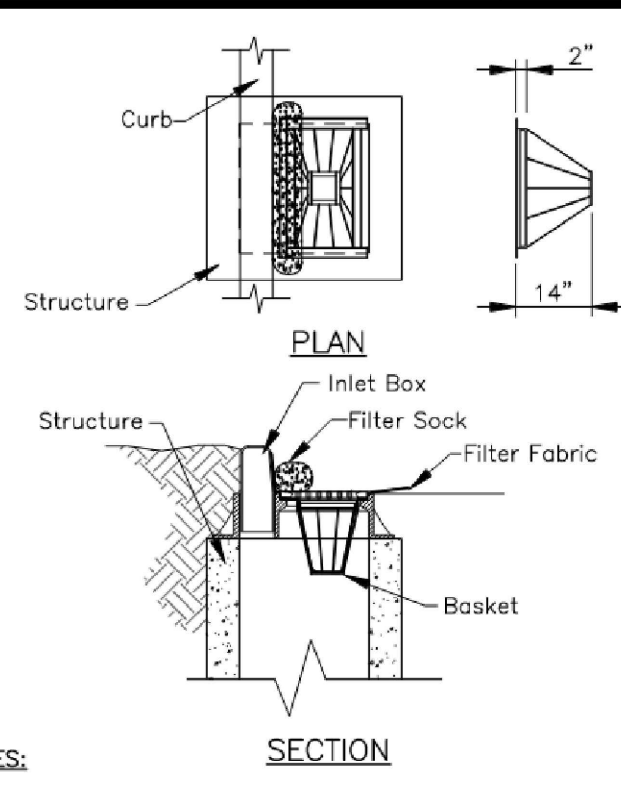
NOTES:
 Prefabricated Washout Containers Or Roll-Off Dumpsters Are Preferred. Self-Installed Concrete Washouts With A Concrete Block Or Wood Frame Are Acceptable. Signage Should Be Installed Identifying Washout Areas.

Washouts Shall Not Be Used For Trash. Concrete Washouts Shall Be Located Away From Inlets, Open Drainage Facilities, Watercourses And Construction Traffic.

Concrete Washouts Shall Be Of Sufficient Volume And Quantity To Contain All Liquid And Concrete Waste Generated By Washout Operations. Once Concrete Wastes Are Washed Into The Designated Area And Allowed To Harden, The Concrete Should Be Broken Up, Removed, And Disposed Of Offsite. Washouts Shall Be Monitored Daily. Arrange For Clean-out When 1/2 Full, Potential For Heavy Rainfall, Or Prior To A Large Pour.

Plastic Lining Material Should Be A Minimum Of 10 Mil. Polyethylene Sheeting And Should Be Free Of Holes, Tears, Or Other Defects That Compromise The Impermeability Of The Material.

CONCRETE WASHOUT (CW)
 Not To Scale

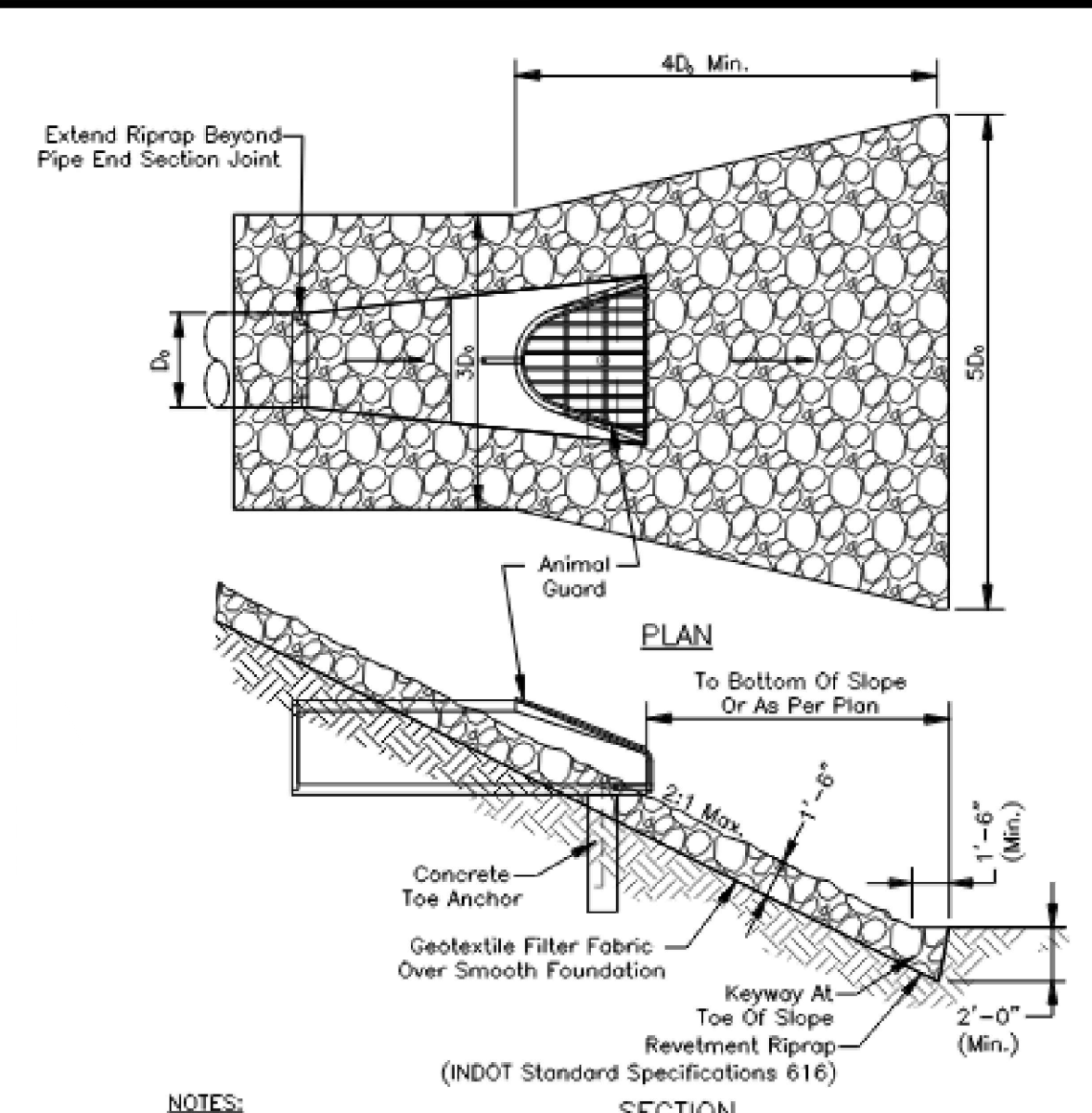


NOTES:
Installation:
 Install Basket Curb Inlet Protection As Soon As Inlet Boxes Are Installed (New Development) Or Prior To Land Disturbing Activities (Existing Development). If Necessary, Adapt Basket Dimensions To Fit Inlet Box Dimensions.

Remove The Grate And Install The Frame Into The Grate Opening. Cut And Install Geotextile Fabric And Filter Sock As Needed. Remove Tracked On Sediment From The Street (But Not By Flushing With Water) To Reduce The Sediment Load On This Curb Inlet Practice.

Maintenance:
 Inspect Daily And After Each Storm And Remove Sediment. Replace Or Clean Geotextile Fabric And Filter Sock As Needed. Remove Tracked On Sediment From The Street (But Not By Flushing With Water) To Reduce The Sediment Load On This Curb Inlet Practice.

BASKET CURB INLET PROTECTION (IP)
 Not To Scale



NOTES:
Installation:
 Excavate Only Deep Enough For Both Filter And Riprap. Compact Any Fill Material To The Density Of The Surrounding Undisturbed Soil. Cut A Keyway In Stable Material At The Base Of The Slope To Reinforce The Toe; Keyway Depth Should Be 1-1.5 Times The Design Thickness Of The Riprap And Should Extend A Horizontal Distance Equal To The Design Thickness.

Place Geotextile Fabric On The Smoothed Foundation, Overlapping The Edges 12 Inches Min. Secure With Anchor Pins Spaced Every 3 Feet Along The Overlap.

Immediately After Installing The Filter, Add The Riprap To Full Thickness In One Operation. Do Not Dump Through Chutes Or Use Any Method That Causes Segregation Of Rock Sizes Or That Will Disturb Or Damage The Underlying Filter Material.

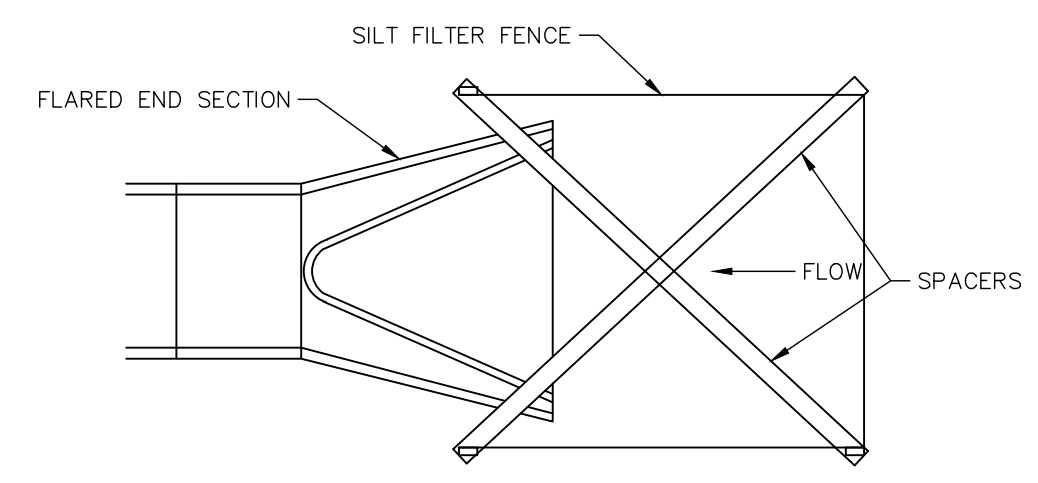
If Fabric Is Damaged, Remove The Riprap And Repair By Adding Another Layer Of Fabric, Overlapping The Damaged Area By 12 Inches.

Place Smaller Rock In Voids To Form A Dense, Uniform, Well Graded Mass. Blend The Rock Surface Smoothly With The Surrounding Area To Eliminate Protrusions Or Over-Falls.

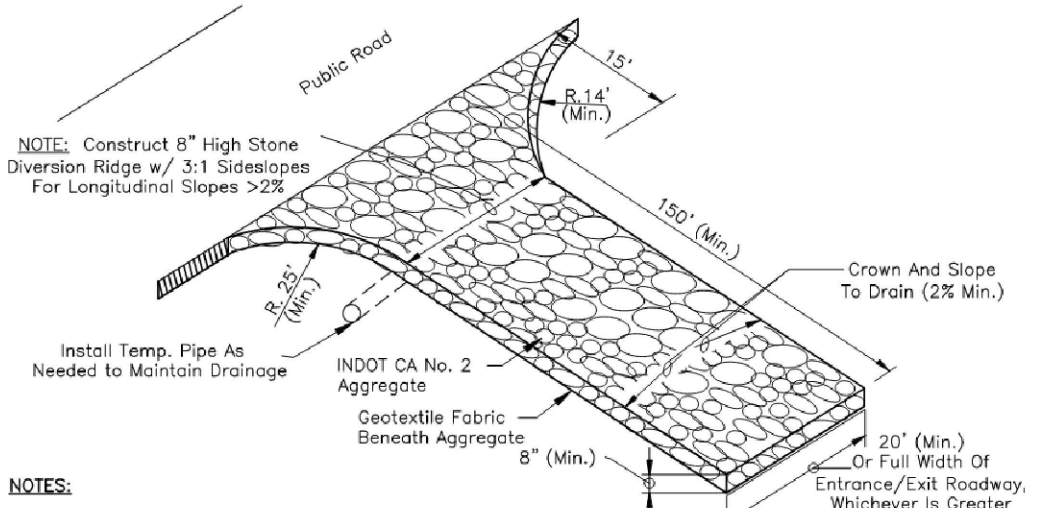
Inspect Periodically For Displaced Rock Material, Slumping, And Erosion At Edges, Especially Downstream Or Downslope.

Maintenance:
 Inspect Periodically For Displaced rock Material, Slumping And Erosion At Edges, Especially Downstream Or Downslope.

PRECAST CONCRETE END SECTION W/ RIP RAP
 Not To Scale



CULVERT INLET PROTECTION (FE)
 N.T.S.



NOTES:
Installation:
 A Storm Construction Entrance Must Be Provided At All Points Of Construction Traffic Ingress And Egress To The Project Site. Avoid Locating On Steep Slopes Or At Curves In Public Roads. Remove All Vegetation And Other Objectionable Material From The Foundation Area, And Grade The Foundation And Crown For Positive Drainage.

If Longitudinal Slope Is In Excess Of 2%, Construct A Water Bar (Ridge) About 15 Feet From The Entrance To Divert Runoff Away From The Road (See Detail Above).

Install Pipe Under The Pod (If Needed) To Maintain Proper Public Road Drainage.

Place Geotextile Fabric On The Graded Foundation To Improve Stability.

Place Aggregate To Dimensions And Grade Shown On The Erosion Control Plan, Leaving The Surface Smooth And Sloped For Drainage.

Divert All Surface Runoff And Drainage From The Stone Pod To A Sediment Trap Or Basin.

Maintenance:
 Inspect Daily And After Each Storm Event Or Heavy Use. Reshape Pod And Topress As Needed For Drainage And Runoff Control. Immediately Remove Mud And Sediment Tracked Or Bleeding Onto Public Roads By Brushing Or Sweeping. Flushing Should Only Be Used If The Water Is Conveyed Into A Sediment Trap Or Basin.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE (CE)
 Not To Scale

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH AS SHOWN IN DETAIL 2. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS PER MANUFACTURER'S RECOMMENDATION.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH MINIMUM 6" OVERLAP TO ENSURE PROPER SEAM ALIGNMENT. PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- PLACE STAPLES/STAKES PER MANUFACTURER'S RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.

NOTES:
 1. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
 2. FOLLOW EROSION CONTROL TECHNOLOGY COUNCIL SPECIFICATION FOR PRODUCT SELECTION.
 3. PERVIOUS LAND WITH SLOPES RUNNING GREATER THAN OR EQUAL TO 4:1 SHALL CONTAIN SLOPE STABILIZATION BLANKET

EROSION CONTROL BLANKET (SLOPE INSTALLATION)
 N.T.S.

SEEDING:
 The Following Table Is For General Seeding Information Only. Consult The Indiana Storm Water Quality Manual For Recommendations Relating To Steep Banks And Cuts, High Maintenance Areas, And Channels And Areas Of Concentrated Flow.

SEEDS:	FERTILIZER:
40 Percent Kentucky Bluegrass	Commercial Fertilizer (12-12-12)
40 Percent Creeping Red Fescue	
20 Percent Annual Rye Grass	STRAW:
	Clean And Free Of Weed Seeds

Spread Fertilizer Uniformly Over Finish Graded Surfaces At A Rate Of 20 Pounds Per 1,000 Square Feet. Thoroughly Disk, Harrow, Or Rake Fertilizer Into Soil To Depth Not Less Than 2 Inches.

Distribute Seed Mix Same Day As Fertilizer Is Applied. Spread Evenly At A Rate Of 3 Pounds Per 1,000 Square Feet. Rake Lightly And Compact Areas With 100 Pound Roller.

Cover Areas With Straw Evenly Spread At A Rate Of 2 Tons Per Acre Immediately After Seeding. Water Areas With Fine Spray. Do Not Flood Or Create Washes. Protect Seeded Areas From Erosion.

Continue Watering Of These Areas On A Daily Basis For The Remainder Of The Construction Period.

Hold Sloped Areas Steeper Than 2 (Horizontal) To 1 (Vertical) With Wire Mesh Or Stakes And Wire.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Wheat Or Rye												
Oats												
Annual Rye Grass												
Non-irrigated*												
Irrigated												
Dormant Seeding**												

■ Irrigation Required
 * Seeding Dates May Be Extended 5 Days If Mulch Applied And Planted Late Summer
 ** Increase Seeding Rate By 50%

SEEDING CHART

NOTES:
 If Construction Activities Take Place During The Months Of November Through February, Use Dormant Seeding Practices In Place Of Temporary And Permanent Seeding Practices.

See Chapter 7 Of The Indiana Storm Water Quality Manual For Additional Seeding Recommendations.

Drawing name: K:\CH\LD\168974043_Culver's_Plainfield_INV_Z_Design_Plan(Sheets)\C4.0 - EROSION CONTROL PLAN.dwg C4.1 Dec 30, 2025 12:43pm by: Jena.Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

NO.	REVISIONS	DATE	BY

Kimley»Horn
 © 2025 KIMLEY-HORN AND ASSOCIATES, INC.
 111 WEST JACKSON BOULEVARD, STE 1320
 PLAINFIELD, IN 46168
 PHONE: 317-728-9445
 WWW.KIMLEY-HORN.COM

SCALE: AS NOTED
 DESIGNED BY: JTW
 DRAWN BY: JEA
 CHECKED BY: BMH



EROSION CONTROL DETAILS

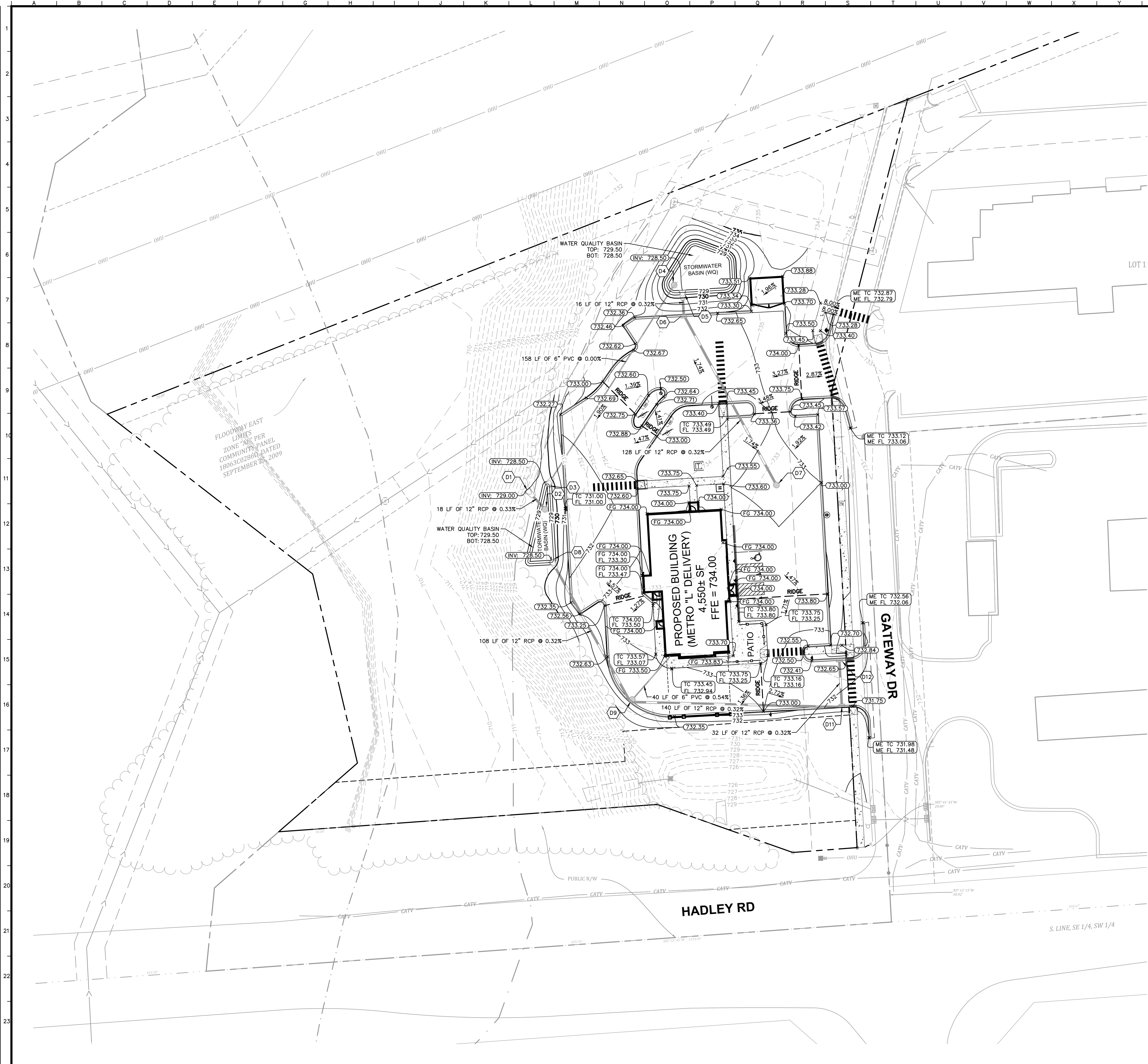
CULVER'S
 5074 GATEWAY DR
 PLAINFIELD, IN 46168

ORIGINAL ISSUE:
 12/11/2025
 KHA PROJECT NO.
 168974043

SHEET NUMBER

C4.1

Drawing name: K:\CHLDEV\16897404\Culver's_Planfield_IN\2_Design\CAD\PlanSheets\C5.0 - GRADING AND DRAINAGE PLAN.dwg C5.0 Dec 30, 2025 12:43pm by: Jenna Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





NORTH



GRAPHIC SCALE IN FEET



**SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.**



- ### GRADING NOTES
1. CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
 2. ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO FLOW LINE ELEVATIONS UNLESS OTHERWISE NOTED.
 3. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANDSCAPE AND PAVING SUBCONTRACTORS REGARDING TOPSOIL THICKNESS FOR LANDSCAPE AREAS AND PAVEMENT SECTION THICKNESS FOR PAVED AREAS TO PROPERLY ENSURE ADEQUATE CUT TO ESTABLISH SUBGRADE ELEVATIONS.
 4. NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
 5. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
 6. MAXIMUM SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
 7. WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
 8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.

GRADING LEGEND

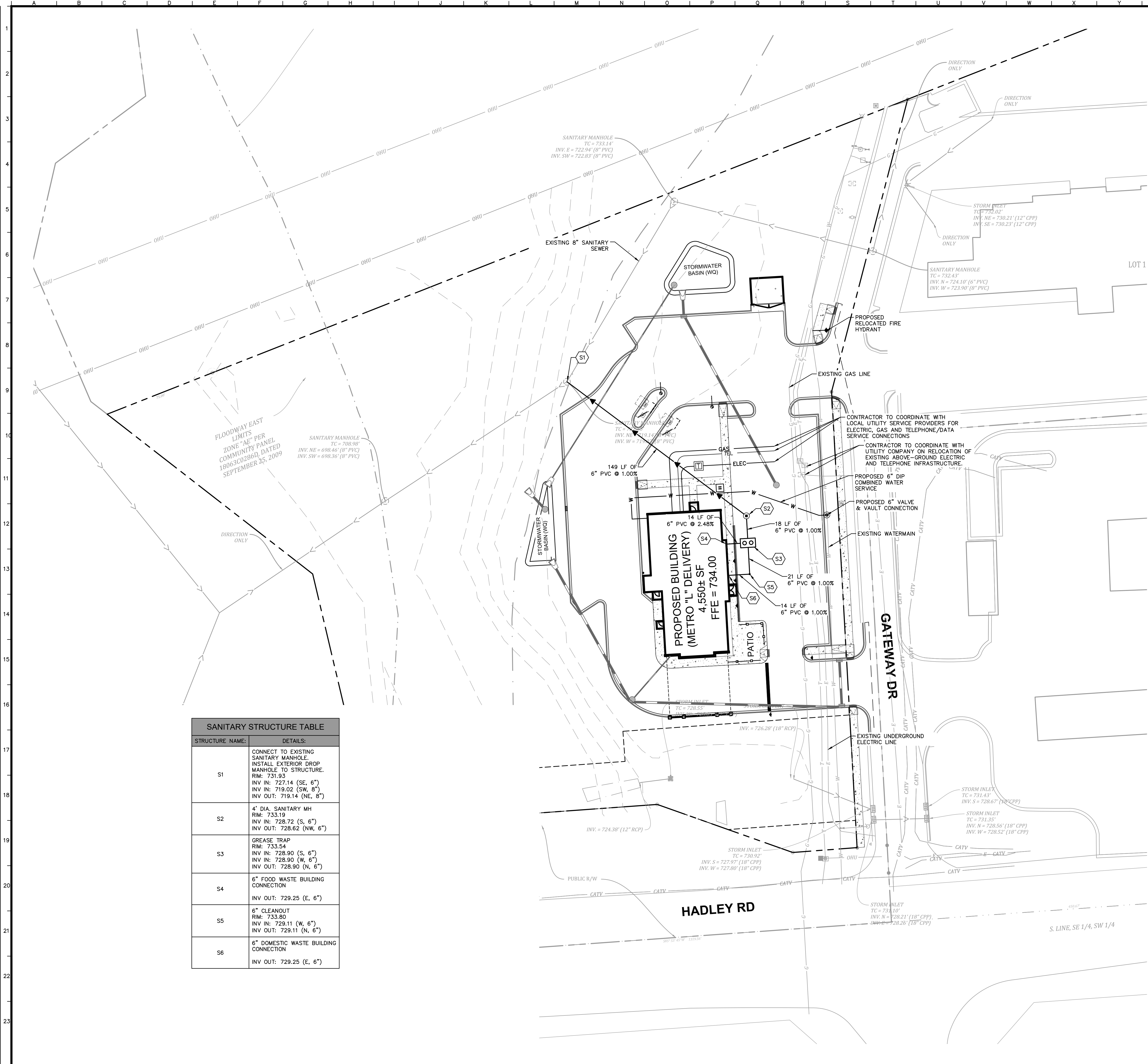
<p>TP = TOP OF PAVEMENT EP = EDGE OF PAVEMENT FL = FLOW LINE TC = TOP OF CURB TF = TOP OF FOUNDATION R = RIM ELEVATION TW = TOP OF WALL FG = FINISHED GRADE TS = TOP OF STAIRS BS = BOTTOM OF STAIRS ME = MATCH ELEVATION</p> <p>(CONTRACTOR TO VERIFY ALL MATCH EXISTING SPOT GRADE ELEVATIONS AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.)</p>	<p>—XXX— PROPOSED CONTOUR - - - - - EXISTING CONTOUR -RIDGE- RIDGE LINE X XXX X SLOPE AND FLOW DIRECTION 100-YEAR OVERLAND OVERFLOW ROUTE ←←← DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE - - - - - PROPOSED SWALE = V V V = REVERSED PITCH CURB AND GUTTER - - - - - RIP RAP (SEE DETAILS) - - - - - EXISTING STORM SEWER - - - - - PROPOSED STORM SEWER</p>
--	--

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D2	4" DIA. STORM OVERFLOW STRUCTURE RIM: 730.22 INV OUT: 729.06 (NW, 12")
D4	4" DIA. STORM OVERFLOW STRUCTURE RIM: 729.50 INV OUT: 728.50 (SW, 6")
D6	4" DIA. STORM MH WITH CURB GRATE RIM: 732.00 INV IN: 728.55 (SE, 12") INV OUT: 728.55 (N, 12")
D7	2" DIA. STORM INLET RIM: 732.70 INV OUT: 728.96 (NW, 12")
D9	2" DIA. STORM INLET RIM: 732.00 INV IN: 728.84 (NE, 6") INV IN: 728.84 (E, 12") INV OUT: 728.84 (NW, 12")
D11	4" DIA. STORM MH WITH CURB GRATE RIM: 731.83 INV IN: 729.29 (N, 12") INV OUT: 729.29 (W, 12")
D12	4" DIA. STORM MH WITH CURB GRATE RIM: 732.36 INV OUT: 729.40 (S, 12")

MISCELLANEOUS STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D1	12" FLARED END SECTION INV IN: 729.00 (SE, 12")
D3	12" FLARED END SECTION INV IN: 728.50 (NE, 6")
D5	12" FLARED END SECTION INV IN: 728.50 (S, 12")
D8	12" FLARED END SECTION INV IN: 728.50 (SE, 12")
D10	ROOF DRAIN CONNECTION INV OUT: 729.06 (SW, 6")

 <p>© 2025, KIMLEY-HORN AND ASSOCIATES, INC. 111 WEST JACKSON BOULEVARD, STE 1320 PHOENIX, AZ 85001-4445 WWW.KIMLEY-HORN.COM</p>	<p>SCALE: AS NOTED DESIGNED BY: JTW DRAWN BY: JEA CHECKED BY: BMH</p>
	
<p>GRADING AND DRAINAGE PLAN</p>	
<p>CULVER'S 5074 GATEWAY DR PLAINFIELD, IN 46168</p>	
<p>ORIGINAL ISSUE: 12/11/2025 KHA PROJECT NO. 168974043 SHEET NUMBER C5.0</p>	

Drawing name: K:\CHL_DEV\168974043_Culver's_Planfield_INV2_Design\CAD\PlanSheets\06.0 - UTILITY PLAN.dwg CR.0 Dec 30, 2025 12:43pm by: Jenna Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SANITARY STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S1	CONNECT TO EXISTING SANITARY MANHOLE. INSTALL EXTERIOR DROP MANHOLE TO STRUCTURE. RIM: 731.93 INV IN: 727.14 (SE, 6") INV IN: 719.02 (SW, 8") INV OUT: 719.14 (NE, 8")
S2	4' DIA. SANITARY MH RIM: 733.19 INV IN: 728.72 (S, 6") INV OUT: 728.62 (NW, 6")
S3	GREASE TRAP RIM: 733.54 INV IN: 728.90 (S, 6") INV IN: 728.90 (W, 6") INV OUT: 728.90 (N, 6")
S4	6" FOOD WASTE BUILDING CONNECTION INV OUT: 729.25 (E, 6")
S5	6" CLEANOUT RIM: 733.80 INV IN: 729.11 (W, 6") INV OUT: 729.11 (N, 6")
S6	6" DOMESTIC WASTE BUILDING CONNECTION INV OUT: 729.25 (E, 6")

NORTH

0 15 30 60

Indiana 811

**SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.**

- ### UTILITY NOTES
- ALL WATER LINES ≥ 3" SHALL BE DUCTILE IRON PIPE, CLASS 52.
 - ALL SANITARY SEWER LINES SHALL BE PVC MEETING, ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN, THIS PIPE SHALL BE ANNA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 42" MINIMUM COVER.
 - CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
 - ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
 - CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
 - CONTRACTOR TO CALL "INDIANA 811" (1-800-382-5544) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
 - PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED REVISIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE TOWN OF PLAINFIELD SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
 - CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
 - CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS DURING INSTALLATION OF UTILITIES.
 - ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
 - SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
 - LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
 - SEE DETAILS FOR LOCATING STORM STRUCTURES WITHIN THE CURB LINE.
 - STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.

UTILITY LEGEND

	EX. WATER LINE
	EX. HYDRANT
	EX. WATER VALVE
	EX. SANITARY SEWER LINE
	EX. SANITARY SEWER MANHOLE
	EX. SANITARY SEWER CLEANOUT
	EX. STORM DRAIN LINE
	EX. STORM MANHOLE
	EX. STORM STRUCTURE/INLET
	EX. GAS LINE
	EX. GAS METER
	EX. UNDERGROUND ELECTRIC LINE
	EX. UNDERGROUND TELEPHONE LINE
	EX. LIGHT POLE
	PROPOSED UNDERGROUND ELECTRIC LINE
	GAS LINE (BY GAS COMPANY)
	PROPOSED PHONE LINE
	PROPOSED STORM SEWER LINE
	PROPOSED OPEN LID STORM STRUCTURE (PAVEMENT USE NEENAH R-2540) (GRASS USE NEENAH R-4340-B BEEHIVE)
	PROPOSED CLOSED LID STORM STRUCTURE (PAVEMENT USE NEENAH R-1713) (GRASS USE NEENAH R-1786)
	PROPOSED COMBINATION CURB INLET (B6.12 C&G USE NEENAH R-3281-A)
	PROPOSED FLARED END SECTION
	PROPOSED SANITARY SEWER LINE
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM/SANITARY CLEANOUT
	PROPOSED WATER LINE
	PROPOSED VALVE VAULT
	PROPOSED VALVE BOX
	PROPOSED FIRE HYDRANT
	PROPOSED LIGHT POLE
	PROPOSED TRANSFORMER PAD (FOR REFERENCE ONLY)
	RIP RAP (SEE DETAILS)

REVISIONS
 NO. DATE BY

SCALE: AS NOTED
 DESIGNED BY: JTW
 DRAWN BY: JEA
 CHECKED BY: BMH

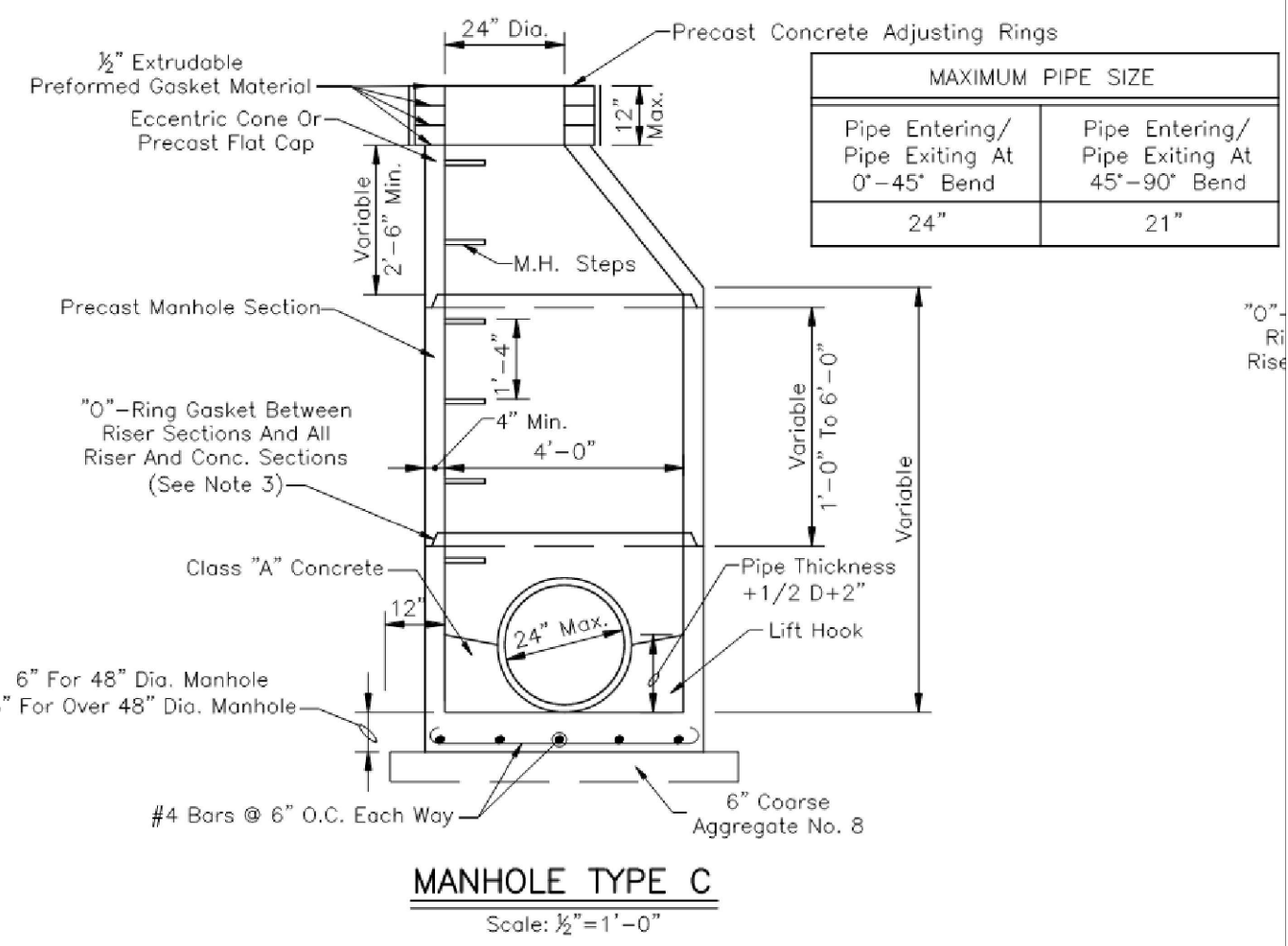
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
 111 WEST JACKSON BOULEVARD, STE 1320
 PLAINFIELD, IN 46168
 PHONE: 317-728-9445
 WWW.KIMLEY-HORN.COM

UTILITY PLAN

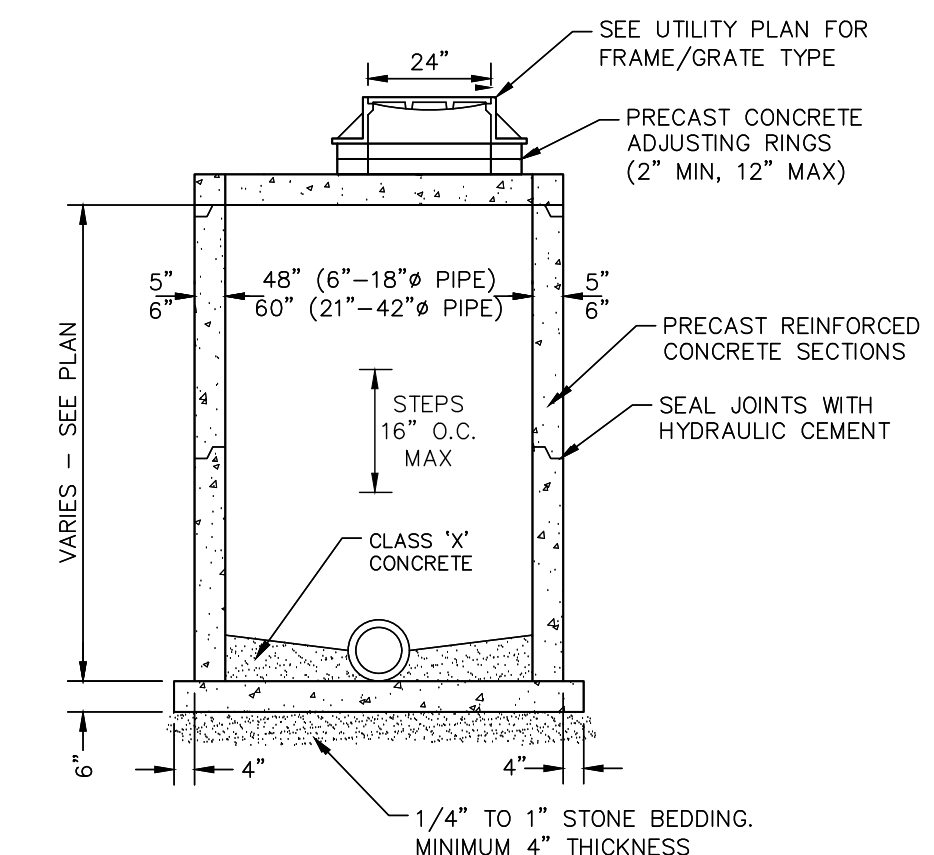
CULVER'S
 5074 GATEWAY DR
 PLAINFIELD, IN 46168

ORIGINAL ISSUE:
 12/11/2025
 KHA PROJECT NO.
 168974043
 SHEET NUMBER
C6.0

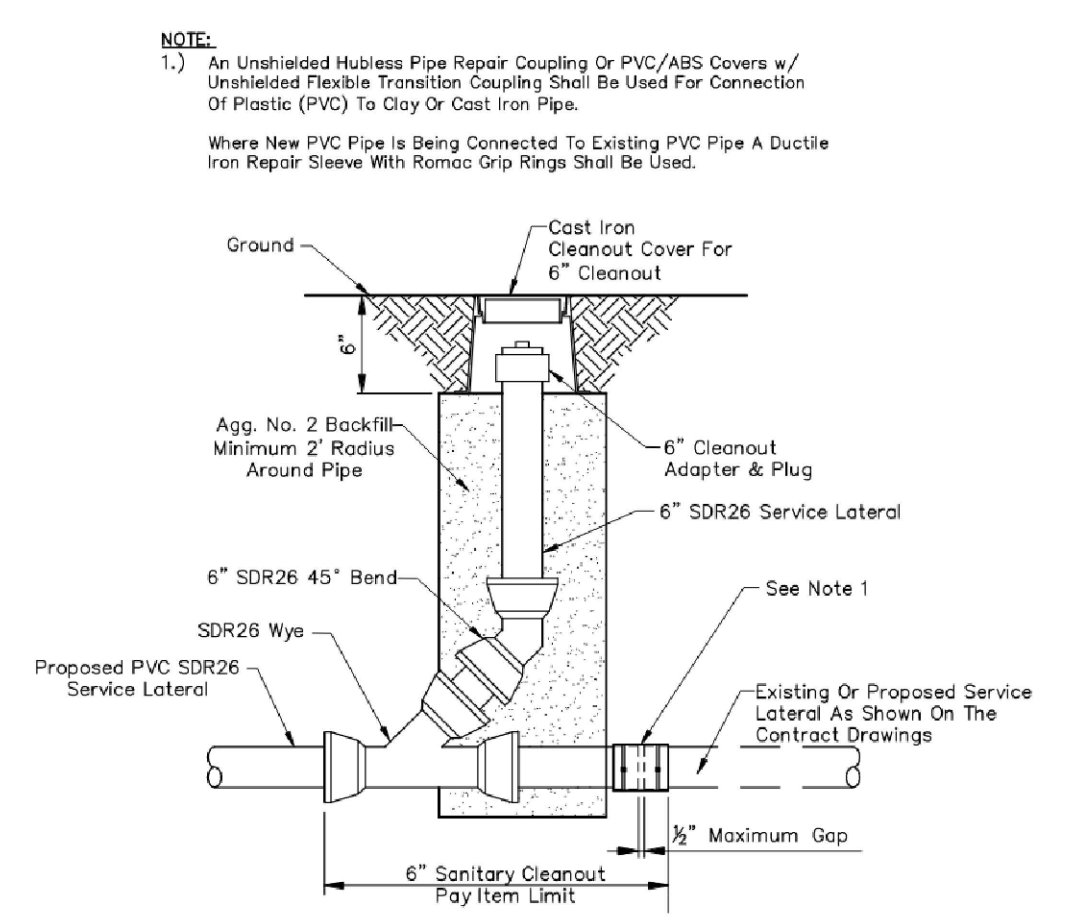
Drawing name: K:\CH\LD\16897404\Culver's Plainfield_MV Design\PlanSheets\07.0 - CONSTRUCTION DETAILS.dwg C7.1 Dec 30, 2025 12:44pm by: Jenna Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



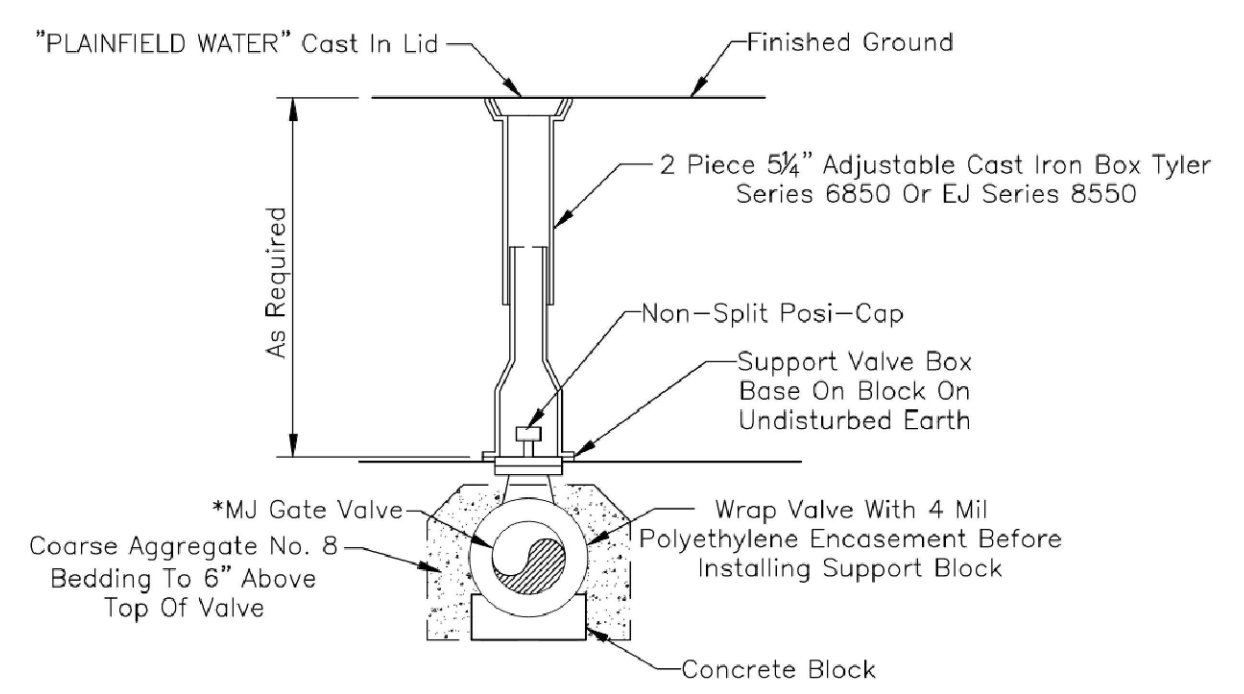
MANHOLE TYPE C
Scale: 1/2" = 1'-0"



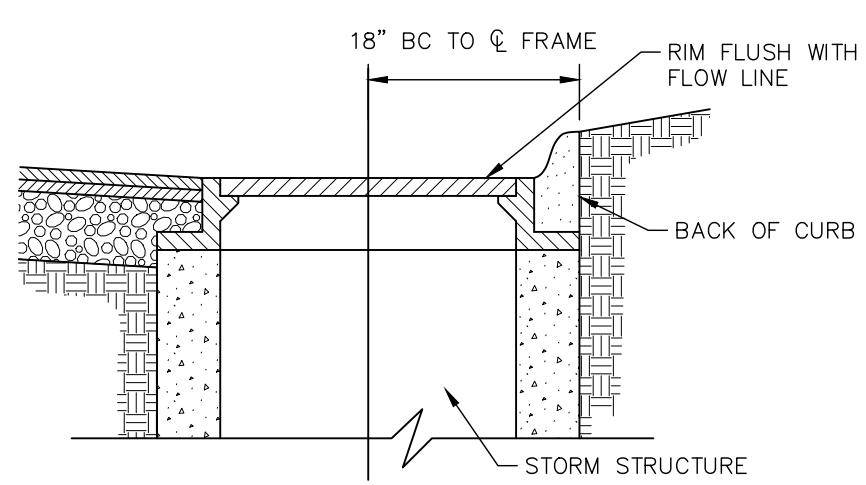
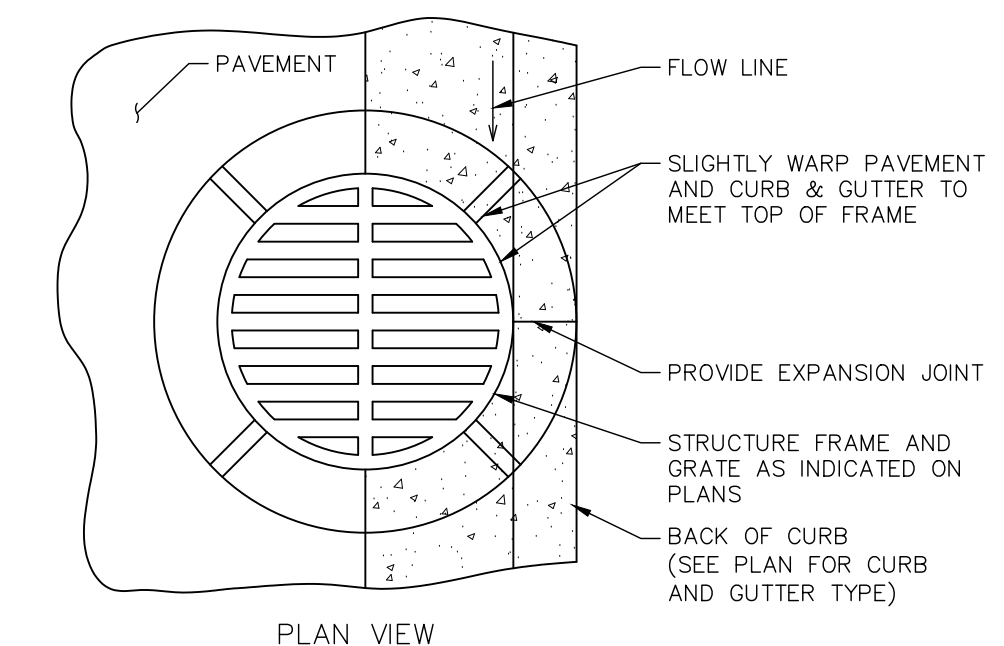
STORM MANHOLE (FLAT TOP)
N.T.S.



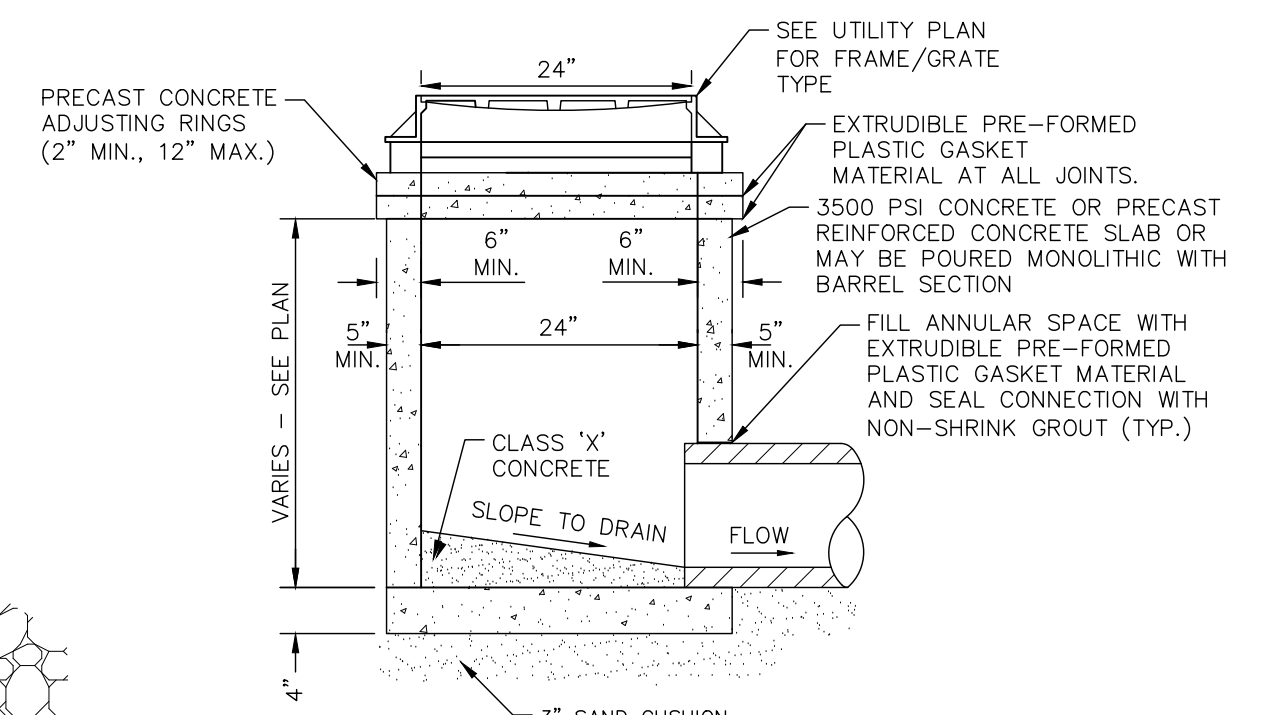
6" SANITARY CLEANOUT
Scale: None



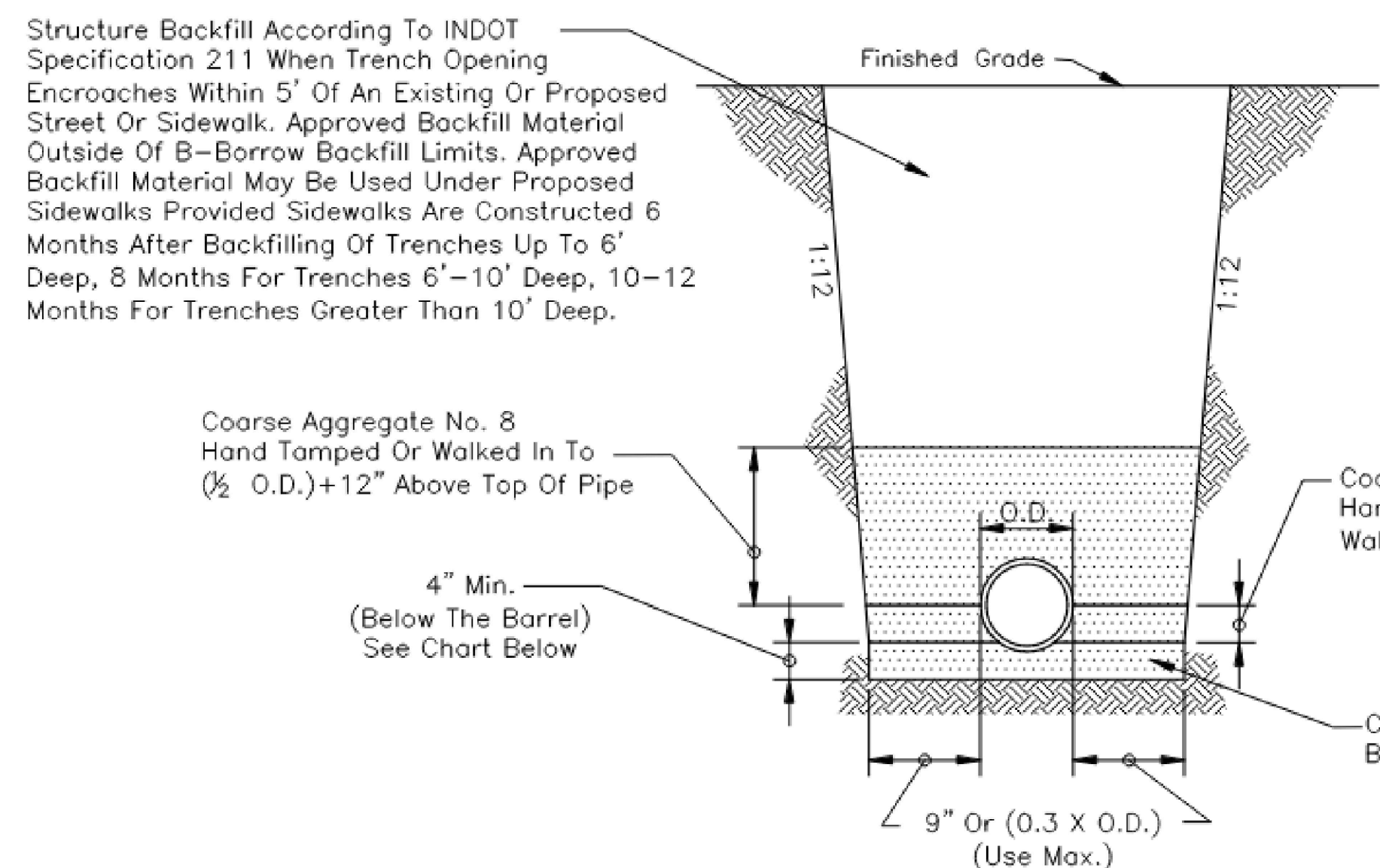
TYPICAL VALVE INSTALLATION DETAIL
Scale: None



INLET AT CURB FRAME LOCATION
N.T.S.



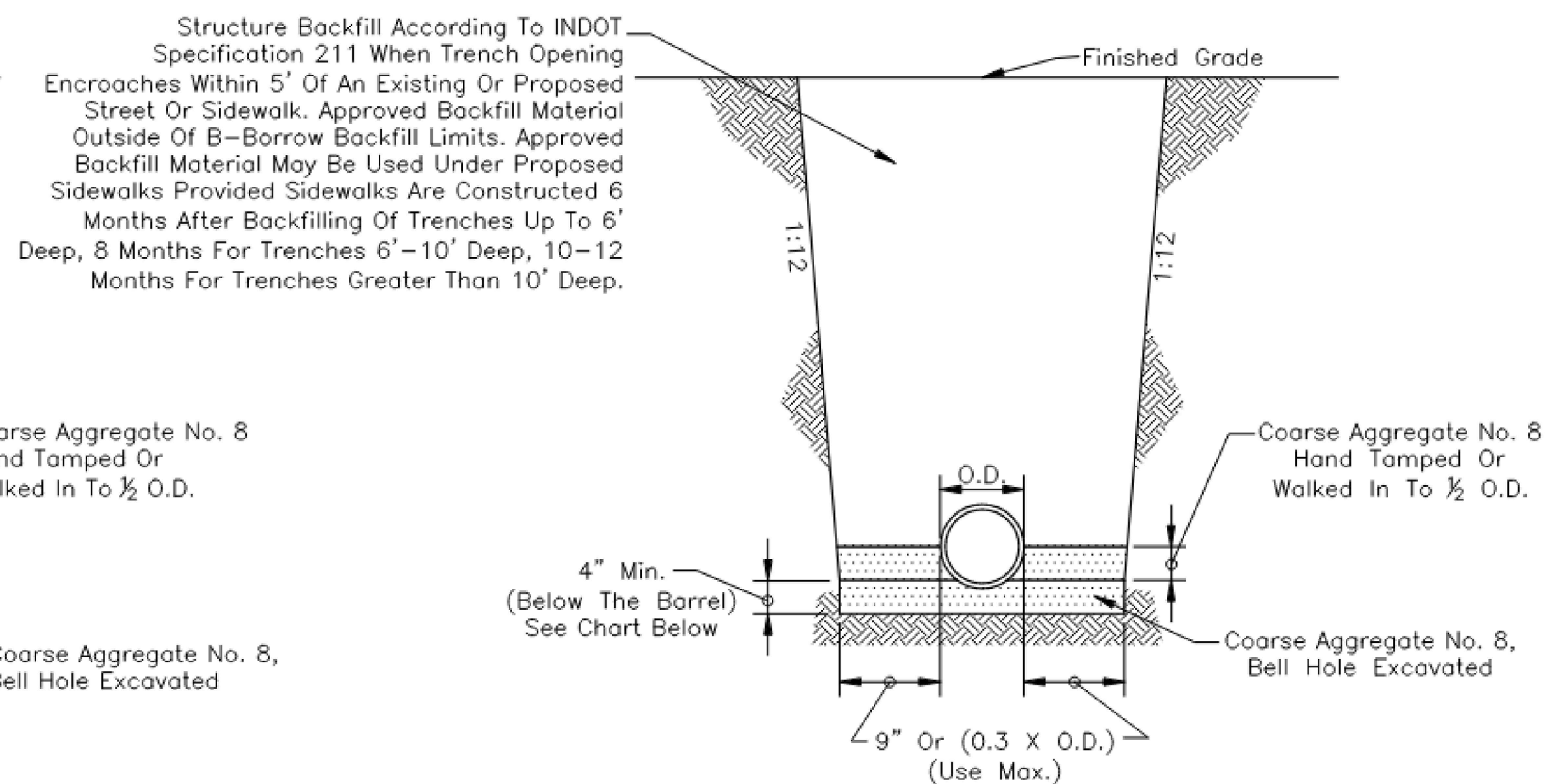
2' DIAMETER STORM INLET
N.T.S.



Pipe Size	8" To 15"	18" And Over
Bedding Below The Pipe Barrel	O.D./4 Min.=4"	O.D./4 Min.=8"

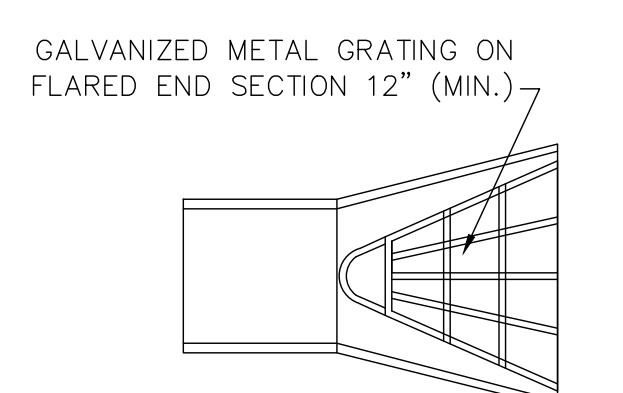
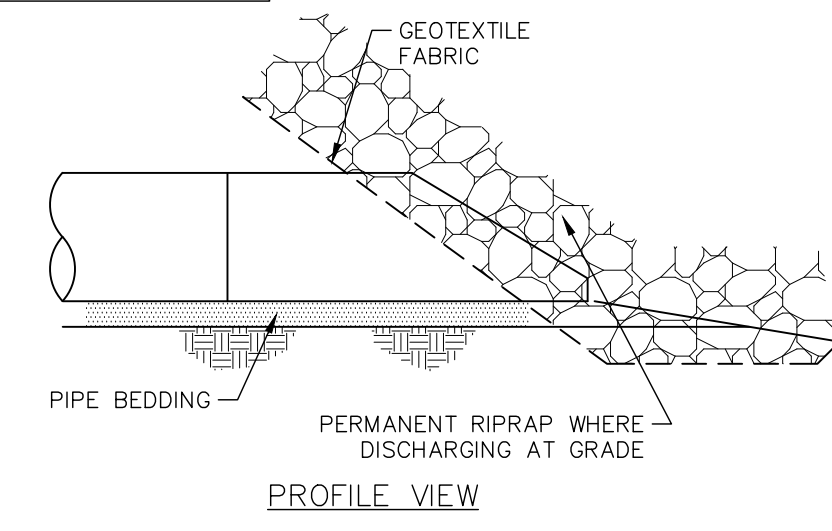
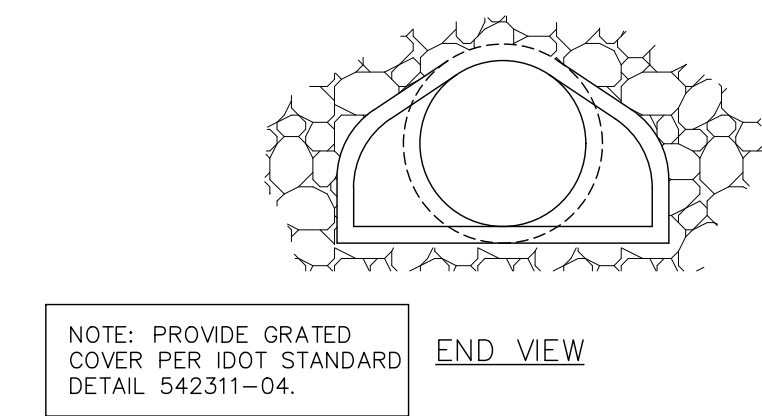
See Development Standard DS-S01 For Lateral Pipe Bedding

PVC PIPE BEDDING DETAIL
Scale: None



Pipe Size	8" To 15"	18" And Over
Bedding Below The Pipe Barrel	O.D./4 Min.=4"	O.D./4 Min.=8"

RCP BEDDING DETAIL
Scale: None



FLARED END SECTION
N.T.S.

NO.	REVISIONS	DATE	BY

Kimley»Horn
 © 2025, KIMLEY-HORN AND ASSOCIATES, INC.
 111 WEST JACKSON BOULEVARD, STE 1320
 PLAINFIELD, NJ 07068
 PHONE: 908-728-9445
 WWW.KIMLEY-HORN.COM
 SCALE: AS NOTED
 DESIGNED BY: JTW
 DRAWN BY: JEA
 CHECKED BY: BMH



CONSTRUCTION DETAILS

CULVER'S
 5074 GATEWAY DR
 PLAINFIELD, IN 46168

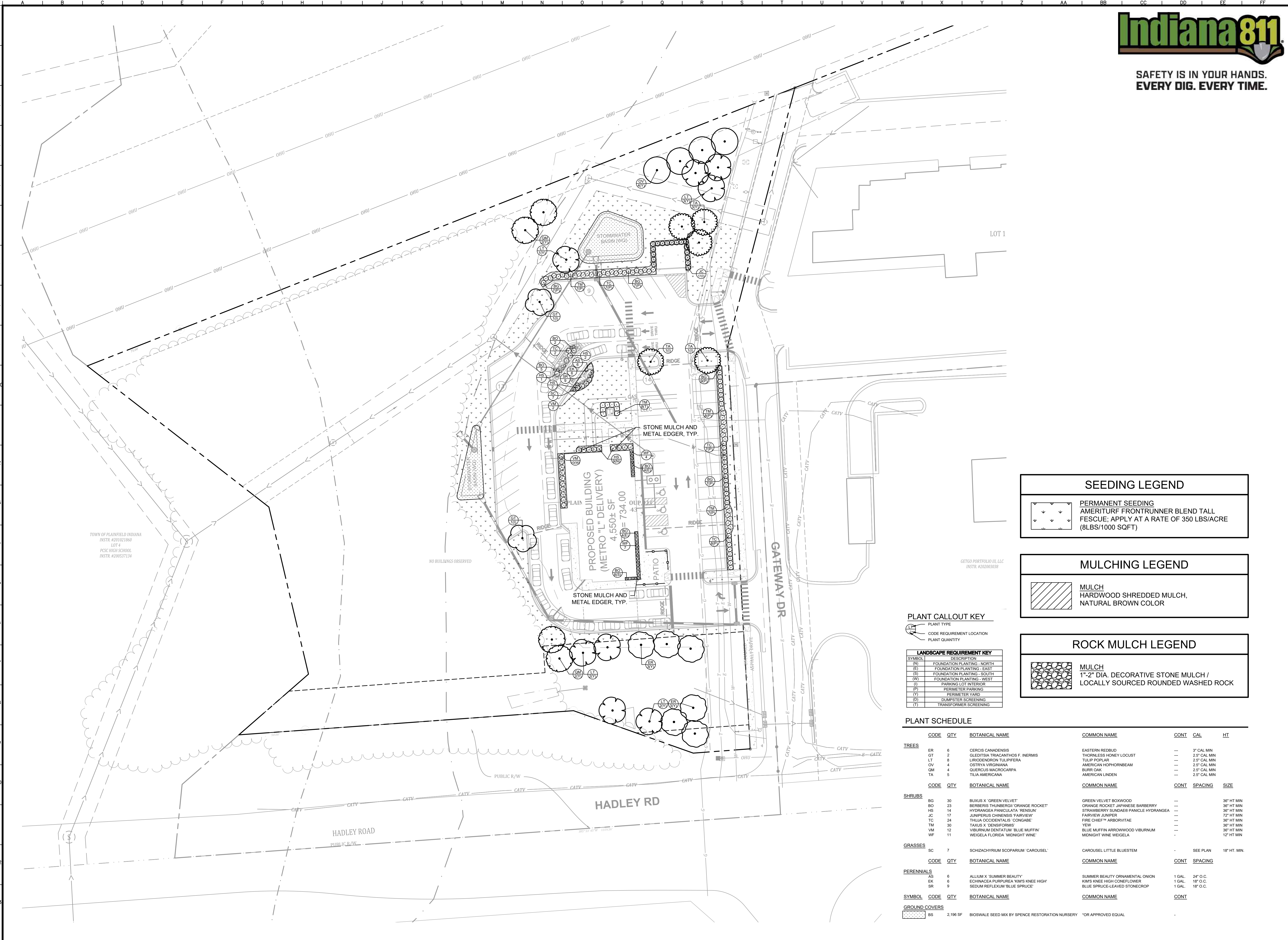
ORIGINAL ISSUE:
 12/11/2025
 KHA PROJECT NO.
 168974043

SHEET NUMBER
C7.1



SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

Drawing name: K:\CHL\DRV\16897404_Landscape\1.0 - LANDSCAPE PLAN.dwg L1.0 Dec 30, 2025 12:44pm by: Jenna Anderson
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SEEDING LEGEND

PERMANENT SEEDING
AMERITURF FRONTRUNNER BLEND TALL
FESCUE; APPLY AT A RATE OF 350 LBS/ACRE
(8LBS/1000 SQFT)

MULCHING LEGEND

MULCH
HARDWOOD SHREDDED MULCH,
NATURAL BROWN COLOR

ROCK MULCH LEGEND

MULCH
1"-2" DIA. DECORATIVE STONE MULCH /
LOCALLY SOURCED ROUNDED WASHED ROCK

PLANT CALLOUT KEY

PLANT TYPE
CODE REQUIREMENT LOCATION
PLANT QUANTITY

LANDSCAPE REQUIREMENT KEY

SYMBOL	DESCRIPTION
(N)	FOUNDATION PLANTING - NORTH
(E)	FOUNDATION PLANTING - EAST
(S)	FOUNDATION PLANTING - SOUTH
(W)	FOUNDATION PLANTING - WEST
(I)	PARKING LOT INTERIOR
(P)	PERIMETER PARKING
(Y)	PERIMETER YARD
(D)	DUMPSTER SCREENING
(T)	TRANSFORMER SCREENING

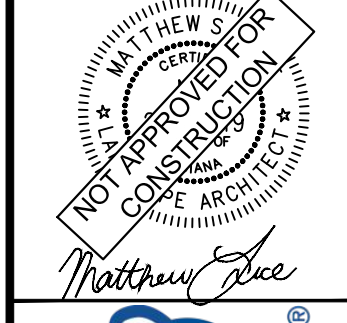
PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	HT
TREES						
ER	6	CERIS CANADENSIS	EASTERN REDBUD	-	-	3" CAL MIN
GT	2	GLEDITSIA TRICANTHOS F. INERMIS	THORNLESS HONEY LOCUST	-	-	2.5" CAL MIN
LT	8	LIRIODENDRON TULIPIFERA	TULIP POPLAR	-	-	2.5" CAL MIN
OV	4	OSTRYA VIRGINIANA	AMERICAN HOPHORNBEAM	-	-	2.5" CAL MIN
QM	4	QUERCUS MACROCARPA	BURR OAK	-	-	2.5" CAL MIN
TA	5	TILIA AMERICANA	AMERICAN LINDEN	-	-	2.5" CAL MIN
SHRUBS						
BO	30	BUXUS X 'GREEN VELVET'	GREEN VELVET BOXWOOD	-	-	30" HT MIN
BO	23	BERBERIS THUNBERGII 'ORANGE ROCKET'	ORANGE ROCKET JAPANESE BARBERRY	-	-	30" HT MIN
HS	14	HYDRANGEA PANICULATA 'RENSUN'	STRAWBERRY SUNDAE® PANICLE HYDRANGEA	-	-	30" HT MIN
JC	17	JUNIPERUS CHINENSIS 'FAIRVIEW'	FAIRVIEW JUNIPER	-	-	72" HT MIN
TC	24	THUJA OCCIDENTALIS 'CONGARE'	FIRE CHEE™ ARBORVITAE	-	-	30" HT MIN
TM	30	TAXUS X 'DENSIFORMIS'	YEW	-	-	30" HT MIN
VM	12	VIBURNUM DENTATUM 'BLUE HUFFIN'	BLUE HUFFIN ARROWWOOD VIBURNUM	-	-	30" HT MIN
WF	11	WEIGELA FLORIDA 'MIDNIGHT WINE'	MIDNIGHT WINE WEIGELA	-	-	12" HT MIN
GRASSES						
SC	7	SCHIZACHYRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	-	SEE PLAN	18" HT. MIN.
PERENNIALS						
AS	6	ALLIUM X 'SUMMER BEAUTY'	SUMMER BEAUTY ORNAMENTAL ONION	1 GAL.	-	24" O.C.
EK	6	ECHINACEA PURPUREA 'KIM'S KNEE HIGH'	KIM'S KNEE HIGH CONEFLOWER	1 GAL.	-	18" O.C.
SR	9	SEDUM REFLEXUM 'BLUE SPRUCE'	BLUE SPRUCE-LEAVED STONECROP	1 GAL.	-	18" O.C.
GROUND COVERS						
BS	2,196 SF	BIOSWALE SEED MIX BY SPENCE RESTORATION NURSERY	*OR APPROVED EQUAL	-	-	-

No.	REVISIONS	DATE	BY

Kimley»Horn
 © 2025, KIMLEY-HORN AND ASSOCIATES, INC.
 111 WEST JACKSON BOULEVARD, STE 1320
 PHOENIX, AZ 85001-4445
 WWW.KIMLEY-HORN.COM

SCALE: AS NOTED
 DESIGNED BY: JTW
 DRAWN BY: JEA
 CHECKED BY: BMH



LANDSCAPE PLAN

CULVER'S
 5074 GATEWAY DR
 PLAINFIELD, IN 46168

ORIGINAL ISSUE:
 12/11/2025
 KHA PROJECT NO.
 168974043

SHEET NUMBER
L1.0

