



PROJECT ADDRESS: 7701 Kenwood Road, Sycamore Township, Ohio ZIP CODE: 45236

APPLICANT NAME: Joshua P. Shaw - The Kleingers Group

OWNER NAME	STREET ADDRESS	ZIP	TAX MAILING STREET ADDRESS	ZIP
Evangelical Lutheran Church of Good Shepherd - Mark Dawes Rep - <i>LORNE HLAD</i>	7701 Kenwood Road, Sycamore Township, Ohio	45236	SAME	

OWNER EMAIL	OWNER PHONE NUMBER
<i>hlad@goodshepherd.com</i> mark@dawesdirect.com	513-520-0727 <i>513 846-2817</i>

The owner of this project address and undersigned do hereby certify awareness that an applicant is applying for a Zoning Commission Case or a Board of Zoning Appeals Case. The owner of the real property agrees to grant Sycamore Township access to the property for review and inspection related to this Zoning Commission/ Board of Zoning Appeals application. By signing, the owner of this project is aware that there shall be no refund or part thereof once Zoning Commission or Board of Zoning Appeals public notice has been given.

[Handwritten Signature] 04/06/2026
 PROPERTY OWNER'S SIGNATURE DATE

Impervious Surface Ratio (ISR)

- **What is an Impervious Surface?**

An impervious surface area includes and hard-surfaced, man-made area that does not readily absorb or retain water, including but not limited to building roofs, parking and driveway areas, sidewalks and paved recreational facilities. The Impervious Surface Ratio (ISR) equals the total area of impervious surfaces divided by the net area (excluding right-of-way) of the lot.

- **How is Impervious Surface Ratio Used?**

The Impervious Surface Ratio is a performance standard used to measure development intensity on a particular site. It is used to encourage landscaping and buffer areas in the Township and to help preserve the character and value of surrounding properties. The ISR worksheet must be completed and the calculations included on the zoning certificate application form when applying for any non-residential use. Generally, Impervious Surface ratios are divided into three intensity groups:

Intensity Category	*Intensity Threshold	Zoning Process
Low Intensity	Maximum ISR .50	Zoning Certificate
Moderate Intensity	Maximum ISR .65	PUD I
High Intensity	ISR over .65	PUD II

*Intensity thresholds for some uses may vary from those thresholds depicted above. Refer to Table 3-2 for further information.

As shown above, a Low intensity, permitted, non-residential use (with an ISR of less than .50) may apply directly for a zoning certificate, whereas a Moderate or High intensity, permitted non-residential use (with an ISR greater than .65) would first request a PUD I administrative approval before the Zoning Commission. If identified as a PUD II, the application must be heard before the Zoning Commission for a recommendation to the Township Board of Trustees for final review.

- **How do I calculate the Impervious Surface Ratio?**

A worksheet has been provided on the reverse side of this form to help calculate the ISR.

IMPERVIOUS SURFACE RATIO WORKSHEET
(Method of Calculation)

IMPERVIOUS SURFACE “Any hard-surfaced, man-made area that does not readily absorb or retain water, including but not limited to building roofs, parking and driveway areas, sidewalks and paved recreational facilities.”

IMPERVIOUS SURFACE RATIO (ISR) “The total area of impervious surfaces divided by the net area (excluding right-of-way) of the lot.”

LOT AREA “The total horizontal area included within the lot lines of the lot. No public right-of-way or access easement for a public street or handle of a panhandle lot shall be included in the calculation of the lot area, nor shall the public right-of-way cross the lot area.”

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Site Identification _____

Lot Area _____ square feet

Impervious Surfaces:

- 1. Building footprint _____ sq.ft.
- 2. Parking & Drive areas _____ sq.ft.
- 3. Access easements _____ sq.ft.
- 4. Walkways _____ sq.ft.
- 5. Other _____ sq.ft.

Total Impervious Surfaces _____ sq.ft.

_____ divided by _____ = _____
 Total Impervious Surface Lot Area Impervious Surface Ratio %

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I, _____ (Signature) certify that the calculations submitted above for the Impervious Surface Ratio are accurate and complete to the best of my knowledge.

Date _____

Please attach your business card or submit your complete name, address and telephone number, fax and e-mail in the space below.

Parking Lot Spaces

Number	Area
34	West side
52	Main lot
6	Hanidcap
4	Guest
19	Doctor's office
115	Total

51	Back Lot (Trio's)
166	Grand Total

GENERAL NOTES

- THE TOWNSHIP OF SYCAMORE, AND THE CURRENT EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (DOT) CANS, INCLUDING ALL SUPPLEMENTS, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THIS PLAN. KNOWN REFERENCES TO MEASUREMENTS AND PAYMENT IN THE DOT CANS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICTS BETWEEN THE DOT CANS AND THE CITY OF SYCAMORE REQUIREMENTS, THE CITY OF SYCAMORE REQUIREMENTS SHALL PREVAIL.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL "TOLL FREE" THE OHIO UTILITIES PROTECTION SERVICE (811) OR 1-800-362-2764 48 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES WHO ARE NONMEMBERS OF THE OHIO UTILITIES PROTECTION SERVICE AT LEAST 48 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE OHIO EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS.
- THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM THEMSELVES CONCERNING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THEM FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE CONTRACT.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR EXPENSES INCURRED DUE TO SOIL CONDITIONS, GROUNDWATER, AND/OR ROCK EXCAVATION. ALL OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE COST OF ALL Dewatering REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE DIRECT OR INDIRECT DISCHARGE OR PUMPING OF UNFILTERED SEDIMENT-ADEN WATER INTO THE STORM DRAINAGE SYSTEM OR WATERCOURSE IS ILLEGAL AND PROHIBITED.
- ANY WELL, WELL POINT, PIT, OR OTHER DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUND WATER TO FACILITATE CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 3746-10 OF THE OHIO ADMINISTRATIVE CODE OR IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AS DIRECTED BY THE DIRECTOR OF PUBLIC UTILITIES OR HIS REPRESENTATIVE.
- ANY CONTRACTOR INSTALLING ANY WELL, WELL POINT, PIT, OR OTHER DEVICE USED FOR THE PURPOSE OF REMOVING GROUND WATER FROM AN ACQUIFER SHALL COMPLETE AND FILE A WELL LOG AND DRILLING REPORT FORM WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR), DIVISION OF WATER, WITHIN 30 DAYS OF THE WELL COMPLETION IN ACCORDANCE WITH THE OHIO REVISED CODE SECTION 1521.01 AND 1521.05 IN ADDITION, ANY SUCH FACILITY IS COMPLETED IN ACCORDANCE WITH SECTION 1521.16 OF THE OHIO REVISED CODE. FOR COPIES OF THE NECESSARY WELL LOG, DRILLING REPORT, OR REGISTRATION FORMS, PLEASE CONTACT: OHIO DEPARTMENT OF NATURAL RESOURCES, 2045 MORSE ROAD, COLUMBUS, OHIO 43229, 614-265-6576.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO THE ODNR FOR THE REGISTRY, MAINTENANCE AND ABANDONMENT OF ANY WITHDRAWAL DEVICE USED IN CONSTRUCTION OF THIS PROJECT.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT AND/OR FACE OF CURB, UNLESS OTHERWISE NOTED.
- ALL SITE SIGNAGE, STRIPING COLOR AND WIDTH SHALL BE PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ALL EXISTING PAVEMENT, WALKS, CURBS, ETC. SHALL BE FULL DEPTH SAWCUT BEFORE REMOVAL. IF, DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC. IS DAMAGED BEFORE THE ORIGINAL SAWCUT, THE DAMAGED AREA SHALL BE RE-cut TO NEAT LINES AS DIRECTED BY THE ENGINEER. PAYMENT FOR SAWCUTTING SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE CONTRACTOR SHALL FULL DEPTH SAWCUT EXISTING PAVEMENT TO PROVIDE A SMOOTH VERTICAL FULL DEPTH BUTT JOINT BETWEEN THE EXISTING PAVEMENT OR CURB AND THE PROPOSED PAVEMENT. CONTRACTOR SHALL LOCATE SMOOTH PAVEMENT EDGE AND CUT AND TRIM PAVEMENT TO A NEAT LINE. INCLUDE THE COST OF PAVEMENT REMOVAL AND DISPOSAL IN THE PRICE BID FOR THE PROJECT.

GRADING NOTES

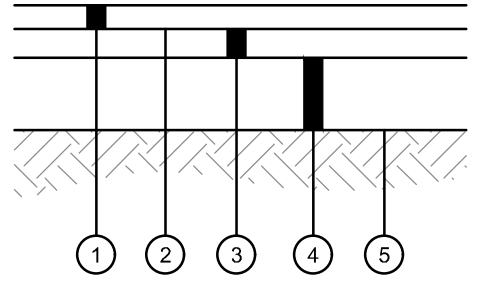
- CONTRACTOR TO REMOVE TREES AND CLEAR AREAS AS NECESSARY TO PERFORM ALL SITE WORK INCLUDING GRADING AND UTILITY WORK.
- PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING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

UTILITY NOTES

- ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUBDRAIN, STORM SEWER SYSTEM OR OUTLETTED INTO THE ROADWAY DITCH AS APPLICABLE. REPAIRED DRAIN TILE/STORM SEWER SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPAIRING SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- ALL EXISTING UTILITIES KNOWN TO EXIST HAVE BEEN SHOWN ON THESE PLANS IN THEIR APPROXIMATE LOCATION. PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH-MOVING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE UTILITIES SHOWN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ANY UTILITIES THAT MAY EXIST AND ARE NOT SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
- UTILITY POLES WITHIN INFLUENCE OF THE UTILITY OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO THESE CONSTRUCTION ACTIVITIES. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED SEWER PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID SEWERS. ALL FILLS SHALL BE CONTROLLED, COMPACTED, AND INSPECTED BY AN APPROVED TESTING LABORATORY OR AN INSPECTOR FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
- CONTRACTOR TO REPLACE ANY PAVEMENT OR UTILITIES DAMAGED WHICH ARE NOT SPECIFIED TO BE REMOVED ON THESE PLANS.
- ALL CATCH BASINS PLACED WITHIN THE PAVEMENT SHALL HAVE HEAVY DUTY FRAMES AND GRATES. CATCH BASINS WITHIN AN ACCESSIBLE ROUTE SHALL CONFORM TO ADA REQUIREMENTS.
- ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO GRADE AS REQUIRED.
- ALL CATCH BASINS WITH DEPTH GREATER THAN 6" SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611.
- ALL STORM AND SANITARY SEWER MANHOLES WITH A DEPTH GREATER THAN 6" SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611.
- DISTANCES SHOWN FOR BOTH SANITARY AND STORM SEWER PIPES ARE MEASURED FROM CENTER OF STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD CUT LENGTH. COORDINATES FOR STORM AND SANITARY STRUCTURES ARE SHOWN TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, CONCRETE, RIP RAP, ROCK CHANNEL PROTECTION, SODDING, POURING BOTTOMS, MOUNDING UP HILLS, ETC.
- ALL PROPOSED STORM SEWERS, SURFACE OR OTHER DRAINAGE FACILITIES ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER. EROSION CONTROL MEASURES MUST PROVIDE PROTECTION UNTIL COMPLETION OF THE PROJECT AND VEGETATIVE STABILIZATION.
- THE CONTRACTOR IS TO CONSTRUCT CURBS, CATCH BASINS, DOWNSPOUTS, PIPING AND CONNECTIONS ETC. AS REQUIRED TO CONVEY THE ROOF AND PAVED SURFACE DRAINAGE TO THE DETENTION BASIN.
- ROOF DRAINS, FOUNDATION DRAINS AND ALL OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEMS ARE PROHIBITED.
- SITE CONTRACTOR SHALL PICK UP ALL UTILITIES, WITH THE EXCEPTION OF DOWNSPOUTS, 5' OUTSIDE BUILDING WALL. COORDINATE WITH CONSTRUCTION MANAGER.
- ALL STORM STRUCTURES ARE ODOT TYPES UNLESS OTHERWISE INDICATED.
- STORM SEWER PIPE LABELED "STM" SHALL BE ONE OF THE FOLLOWING: PVC SDR-35 PER ODOT ITEM 707.45, PVC PROFILE PIPE PER ODOT ITEM 707.45, HIGH DENSITY POLYETHYLENE PER ODOT ITEM 707.33, ALUMINIZED CORRUGATED METAL, ODOT ITEM 707.01, 707.02, OR REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. STORM SEWER PIPE LABELED "70CP" SHALL BE REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. ALL STORM IS TO BE INSTALLED PER ODOT ITEM 611. ALL STORM PIPE USED MUST HAVE A MANUFACTURER SPECIFIED FRICTION FACTOR OF 0.013 (N=0.13) OR LESS.
- ALL CATCH BASINS IN THE PAVEMENT ARE TO HAVE 4" PERFORATED UNDERDRAINS EXTENDING 10 LF FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED. ALL CATCH BASINS IN THE CURB ARE TO HAVE 2.4" PERFORATED UNDERDRAINS EXTENDING 10 LF FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED.
- FOR EXACT LOCATION OF DOWN SPOUTS & ROOF DRAINS, COORDINATE WITH CONSTRUCTION MANAGER. ALL ROOF DRAINS ARE TO BE 6" UNLESS OTHERWISE NOTED.
- ALL YARD DRAINS SHALL BE ONE OF THE FOLLOWING: NYLOPLAST-ADS DRAIN BASIN, NDS DURACAST

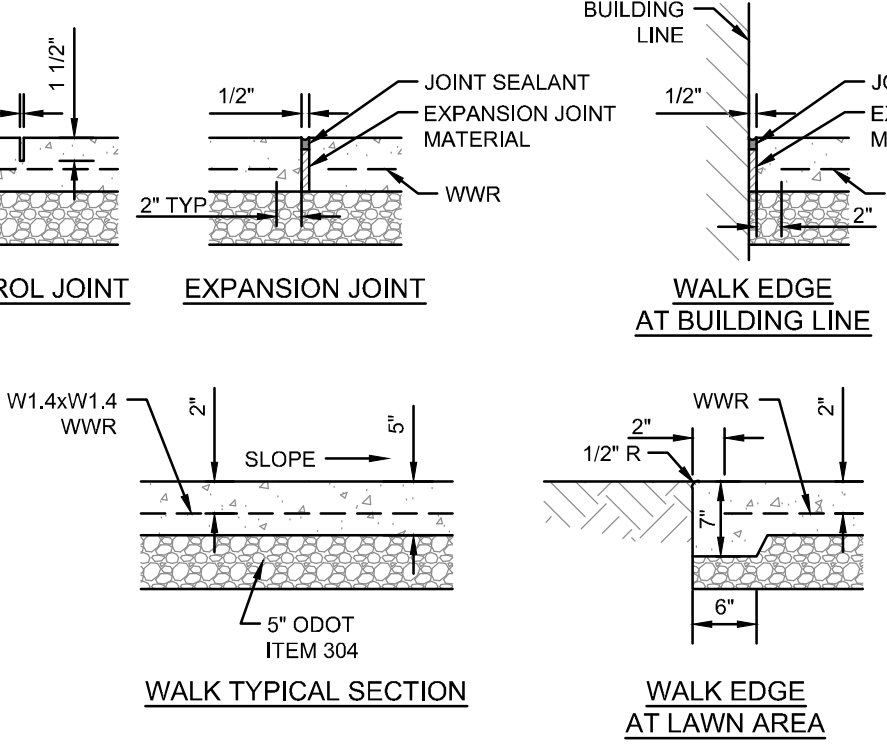
FABRICATED PVC CATCH BASIN, AGRI-DRAIN CATCH BASIN, OR APPROVED EQUIV.

- ALL EXISTING INVERTS ALONG PROPOSED PIPE ALIGNMENTS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE SEWER.
- ANY FIELD TILE CUT IN EXCAVATION WHICH DRAINS IN AN OFFSITE AREA MUST BE TIED INTO THE STORM DRAINAGE SYSTEM.
- THE FLOW IN ALL SEWERS, DRAINS, FIELD TILES AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE ENGINEER.
- SANITARY SEWER SHALL BE SDR-35 OR APPROVED EQUAL AND CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF CINCINNATI. PIPE MUST MEET MINIMUM SLOPE REQUIREMENTS OF THE CITY OF CINCINNATI AND OHIO EPA. SANITARY SEWER SHALL BE INSTALLED AT A MINIMUM DEPTH OF FOUR FEET (4') UNLESS OTHERWISE NOTED. A MINIMUM OF 6" CLEARANCE SHALL BE MAINTAINED AT ALL WATERLINE CROSSINGS. SANITARY SERVICE JOINTS SHALL CONFORM TO ASTM D-3212.
- SANITARY SEWER IS TO BE BEDDED WITH CLEAN GRANULAR MATERIAL-AGGREGATES NOT TO BE LARGER THAN 3/4" AND NOT SMALLER THAN NO. 8 SIEVE. FREE OF SILT AND FINES. AASHTO M43 SIZE #67, 7 OR 8, BEDDING TO BE MINIMUM OF 6" BELOW & 12" ABOVE THE PIPE.
- ALL WATERLINE CROSSINGS SHALL MAINTAIN A VERTICAL SEPARATION OF 18" MINIMUM. SANITARY SEWER SHALL BE LOCATED A MINIMUM OF 18" BELOW WATERLINE AT ALL CROSSINGS. WATERLINE SHALL BE LOCATED A MINIMUM OF 10" HORIZONTALLY FROM ANY SANITARY SEWER. ALL MEASUREMENTS SHALL BE TAKEN FROM OUTSIDE OF SEWER PIPE TO THE OUTSIDE OF WATERLINE PIPE. ONE FULL LENGTH OF WATERLINE PIPE SHALL BE LOCATED AT ALL CROSSINGS TO ENABLE BOTH JOINTS TO BE LOCATED AS FAR FROM SEWER AS POSSIBLE. ALL WATER SHALL HAVE A MINIMUM OF 4" OF COVER.
- WATERLINE 4 INCHES AND LARGER SHALL BE DUCTILE IRON PIPE CLASS 52, MINIMUM 250 PSI, AWWA C151 OR PVC AWWA C900, DR 14, PRESSURE CLASS 305 PSI. FIRE SERVICE PIPING SHALL MEET THE REQUIREMENTS OF NFPA 24. WATERLINE 2 INCHES AND UNDER TO BE TYPE "K" SOFT COPPER TUBING, ASTM B 88, OR APPROVED TYPUBUNG.



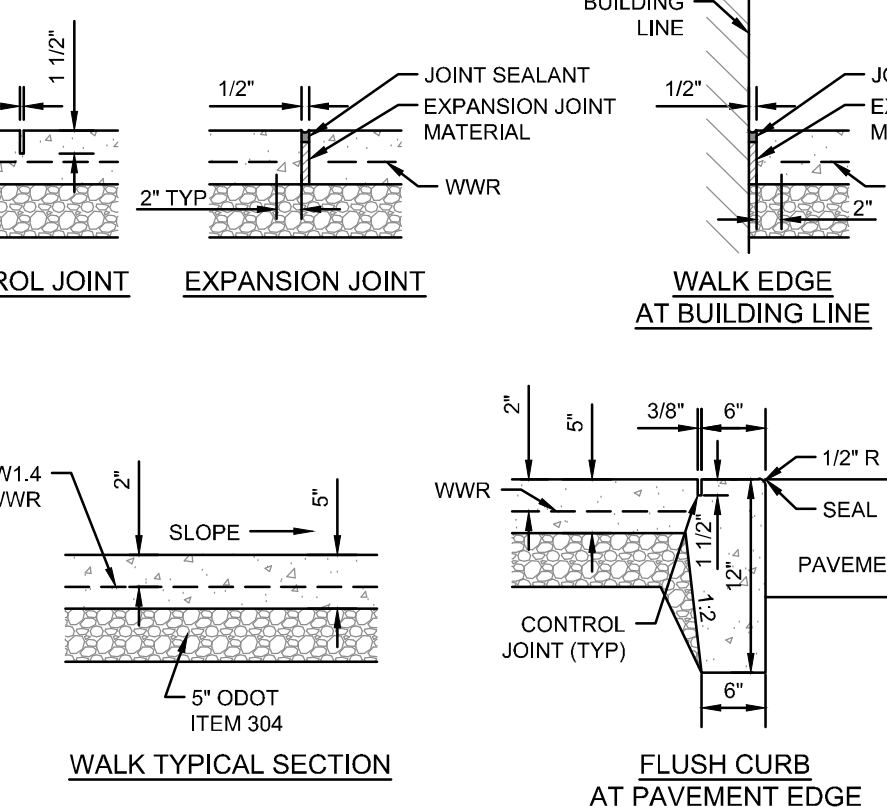
- 1 1/2" ODOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22
- ODOT ITEM 407 TACK COAT, APPLY IF TIME BETWEEN ASPHALT LIFTS EXCEEDS 30 DAYS
- 2" ODOT ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22
- 8" ODOT ITEM 304 AGGREGATE BASE
- SUBGRADE COMPACTION, REFERENCE ODOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND SOILS REPORT

STANDARD DUTY ASPHALT PAVEMENT DETAIL
N.T.S.



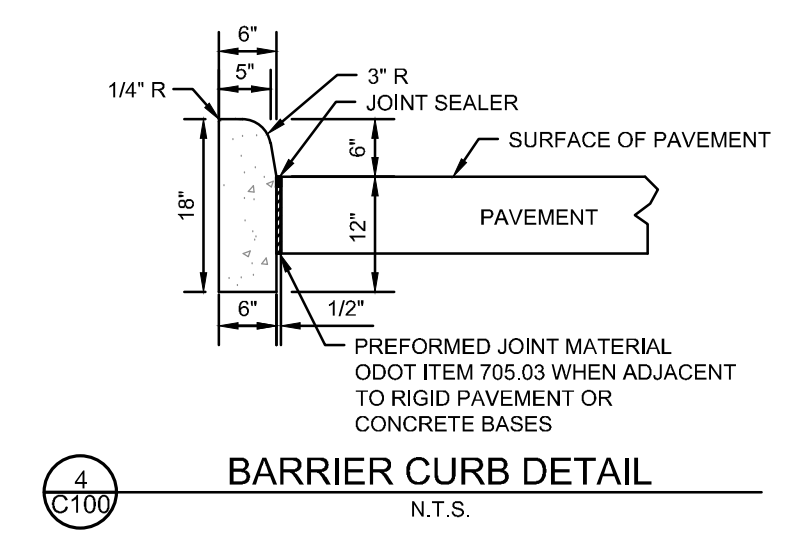
- NOTES:
- INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
 - INSTALL CONTROL JOINTS AT 12' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND SAW.
 - WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
 - WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
 - REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 - JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

EXTERIOR CONCRETE SLAB WALL DETAIL
N.T.S.

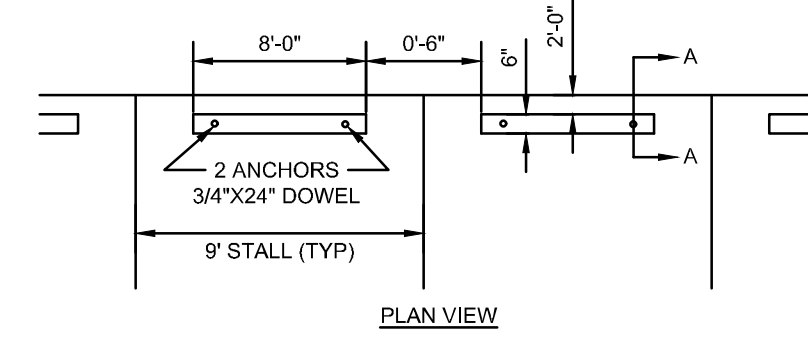


- NOTES:
- INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
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 - REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 - JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

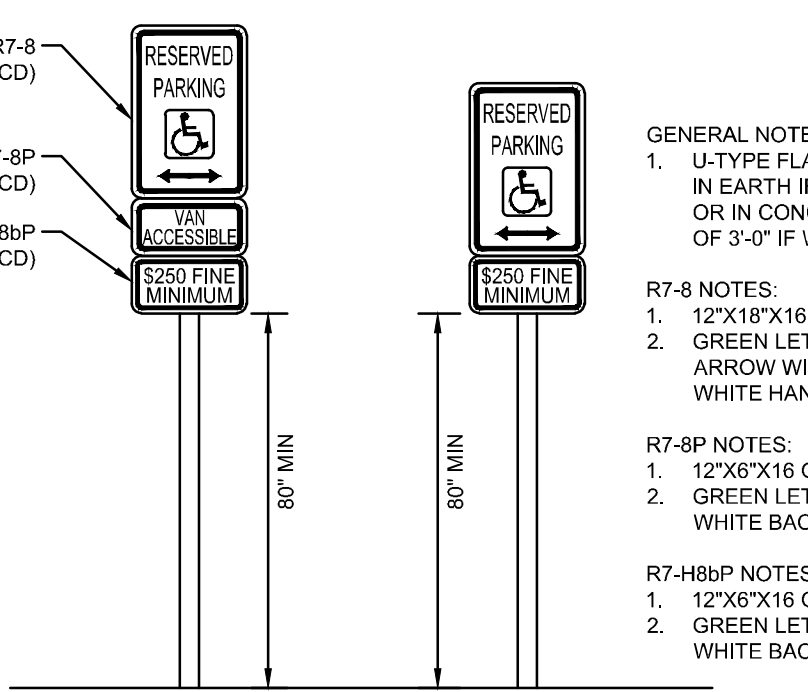
EXTERIOR CONCRETE SLAB WALL WITH FLUSH CURB DETAIL
N.T.S.



BARRIER CURB DETAIL
N.T.S.



PRECAST CONCRETE WHEEL STOP DETAIL
N.T.S.

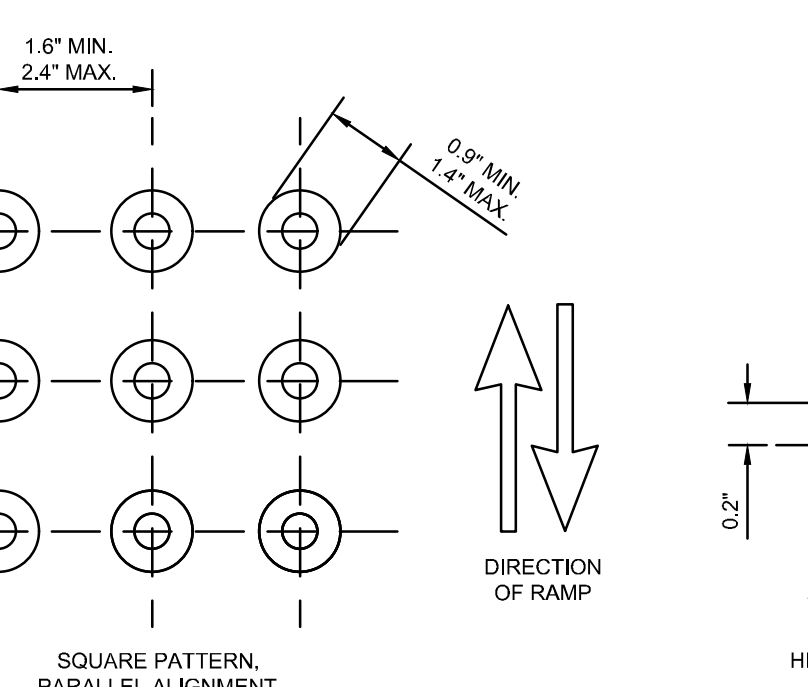


ACCESSIBLE PARKING SIGN DETAIL
N.T.S.

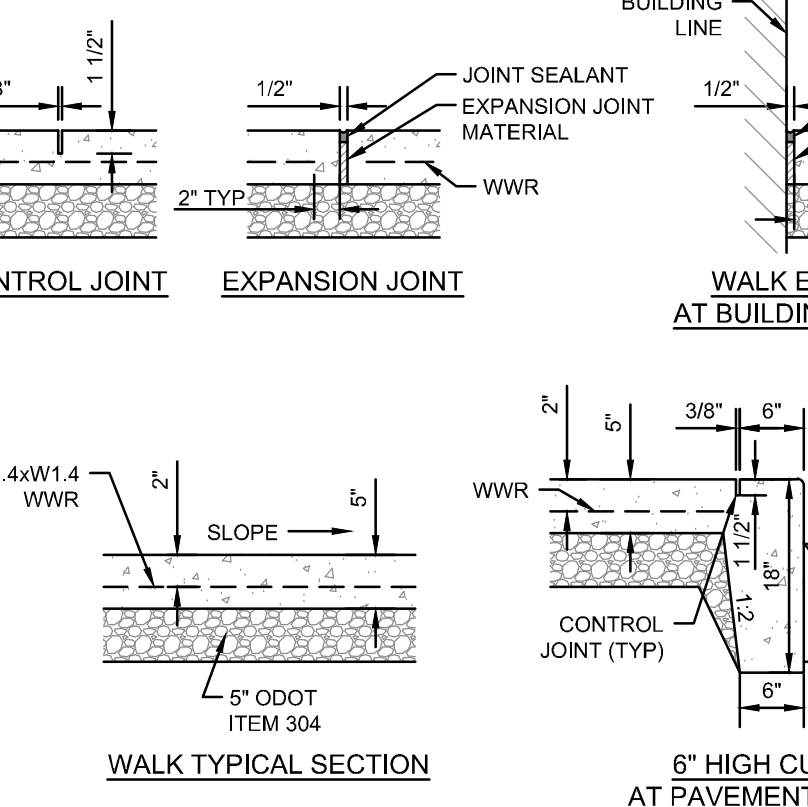
- NOTE:
- ONE ACCESSIBLE PARKING SPACE FOR EVERY SIX OR FRACTION THERE OF SHALL BE DESIGNATED AS "AN ACCESSIBLE". LOCATION AS NOTED ON THE DRAWINGS.
 - ONE SIGN TO BE INSTALLED AT EACH ACCESSIBLE PARKING SPACE.

GENERAL

- DETECTABLE WARNINGS ARE A DISTINCTIVE SURFACE PATTERN OF TRUNCATED DOMES WHICH ARE DETECTABLE BY CANE OR UNDERFOOT TO ALERT PEOPLE WITH VISION IMPAIRMENTS OF THEIR APPROACH TO STREETS AND HAZARDOUS DROP-OFFS.
- DETECTABLE WARNINGS ARE TO BE INSTALLED AT ANY LOCATION WHERE PEDESTRIANS MIGHT CROSS PATHS WITH VEHICULAR TRAFFIC LANES, SUCH AS THE BASE OF CURB RAMPS OR AT BLENDED CURBS. A 24" STRIP OF DOMES IS TO BE INSTALLED FOR THE FULL WIDTH OF THE RAMP OR WALK.
- THE DEPTH OF CONCRETE UNDERNEATH DETECTABLE WARNING PRODUCTS SHALL BE A MINIMUM OF 4".
- COLOR OF THE DETECTABLE WARNINGS SHOULD CONTRAST WITH SURROUNDING CONCRETE WALK AND RAMP. BLACK IS NOT AN ACCEPTABLE COLOR. APPROVED PRODUCTS AND GUIDANCE ON COLOR MAY BE FOUND ON THE ODOT OFFICE OF ROADWAY ENGINEERING SERVICES' DETECTABLE WARNINGS APPROVED LIST. INSTALL PRODUCTS AS PER MANUFACTURER'S PRINTED INSTRUCTIONS.



DETECTABLE WARNINGS DETAIL
N.T.S.



- NOTES:
- INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
 - INSTALL CONTROL JOINTS AT 12' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND SAW.
 - WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
 - WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
 - REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 - JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

EXTERIOR CONCRETE SLAB WALL WITH INTEGRAL CURB DETAIL
N.T.S.



THE KLEINGERS GROUP

CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE

www.kleingers.com
6219 Centre Park Dr. West Chester, OH 45389
513.779.7851

SEAL:

NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION
	04/06/2026	ZONING SET

PROJECT NO: 250917.000
DATE: 03/12/2026
SCALE:

GOOD SHEPHERD LUTHERAN CHURCH
7701 KENWOOD RD, CINCINNATI, OHIO 45236

GENERAL NOTES AND DETAILS

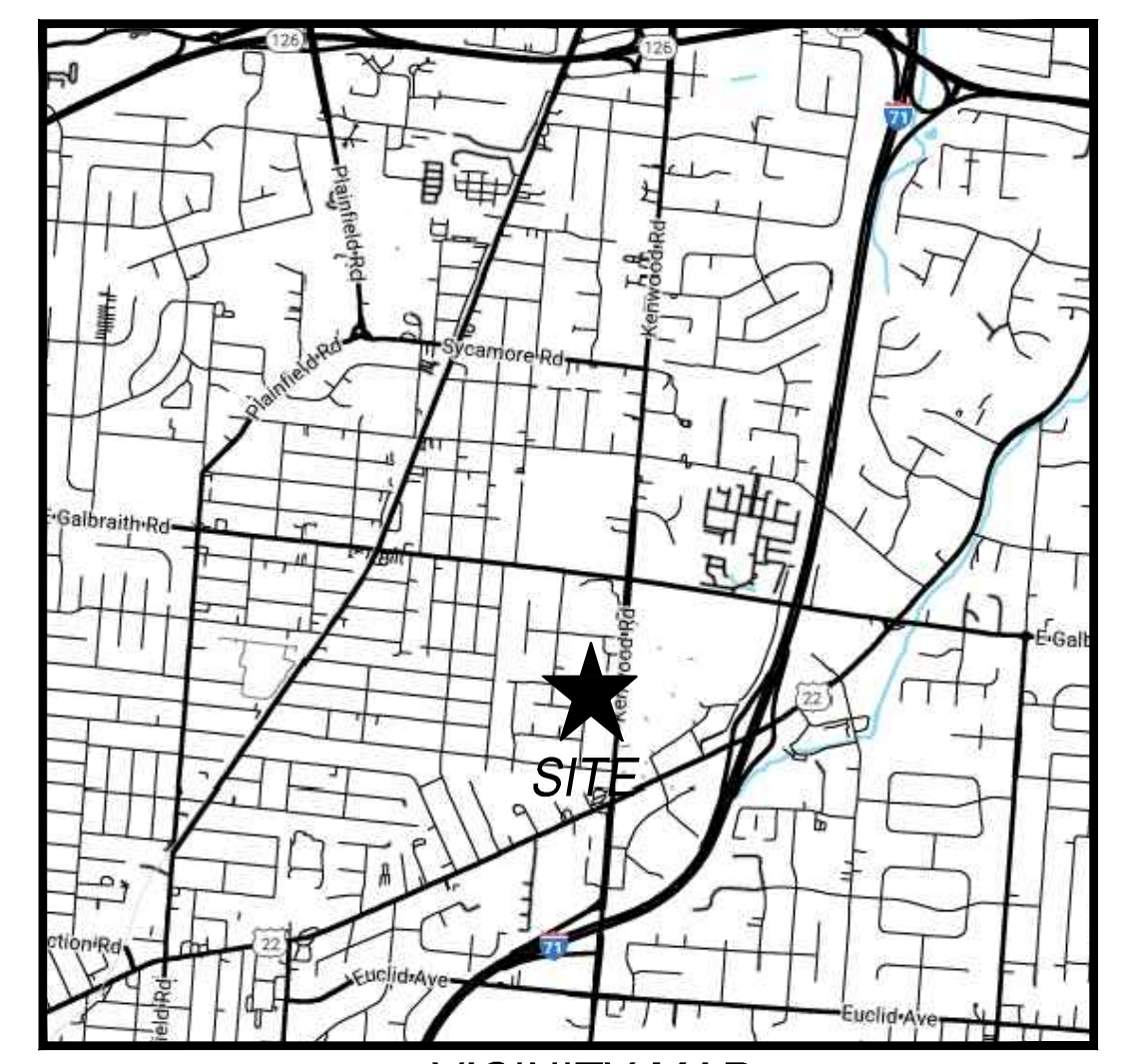
SHEET NAME:
SHEET NO. **C100**



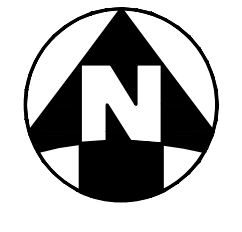
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- LEGEND:**
- ◆ BENCHMARK
 - 5/8" IRON PIN FOUND (UNLESS NOTED OTHERWISE)
 - 5/8" IRON PIN SET (KLEINGERS GROUP)
 - ▲ MAG NAIL SET
 - ⊗ IRON PIPE FOUND (SIZE AS NOTED)
 - CONCRETE MONUMENT FOUND
 - CLEANOUT
 - STORM MANHOLE
 - CATCH BASIN
 - INLET
 - ⊗ YARD DRAIN
 - DOWNSPOUT
 - ELECTRIC BOX
 - FILL BOX
 - AC UNIT
 - LIGHT POLE
 - UTILITY POLE
 - LAMP POST
 - GUY WIRE
 - TRANSFORMER
 - GROUND LIGHT
 - PHONE BOX
 - ⊗ GAS VALVE
 - ⊗ GAS SERVICE
 - ⊗ FIRE HYDRANT
 - ⊗ WATER VALVE
 - ⊗ FIRE DEPARTMENT CONNECTION
 - ⊗ POST INDICATOR VALVE
 - ⊗ WATER METER
 - ⊗ IRRIGATION CONTROL VALVE
 - ⊗ WATER MANHOLE
 - MAILBOX
 - ⊗ FENCE POST
 - STUMP
 - SINGLE POST SIGN
 - HANDICAP
 - X — X — FENCE LINE
 - — — TREE LINE
 - — — BUSH LINE
 - — — HANDRAIL
 - W — W — WATER LINE
 - G — G — GAS LINE
 - UT — UT — UNDERGROUND TELEPHONE
 - E — E — OVERHEAD ELECTRIC
 - — — STORM SEWER
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - BUSH
 - ASPHALT
 - CONCRETE
 - GRAVEL
 - LANDSCAPE
 - PAVERS



- NOTES:**
- SOURCE DOCUMENTS AS NOTED.
 - OCCUPATION IN GENERAL FITS SURVEY.
 - MONUMENTATION IS IN GOOD CONDITION UNLESS OTHERWISE NOTED.
 - ALL IRON PINS SET ARE 5/8" DIAMETER x 30" IRON REBAR WITH ID CAP STAMPED "KLEINGERS GROUP".
 - DISTANCE UNITS ARE BASED ON THE US SURVEY FOOT DEFINITION (1" = 1200/3937 METERS).
 - BEARINGS SHOWN HEREON ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, AND NORTH AMERICAN DATUM OF 1983 (2011) AS ESTABLISHED FROM A GPS SURVEY ORIGINATING ON ODOT CORS STATION "LEBA" WITH A BEARING OF S05°51'16"W AS SHOWN ALONG THE WEST LINE OF KENWOOD ROAD.
 - PROJECT COORDINATES ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM AND HAVE BEEN SCALED TO GROUND BY USING A PROJECT ADJUSTMENT FACTOR OF 0.9999925218 APPLIED AT A BASE POINT OF N. 443,242.06 E. 1,435,704.02. GRID AND GROUND COORDINATES ARE IDENTICAL AT THE BASE POINT.
 - ELEVATIONS ARE BASED ON NGVD '29, AS REFERENCED TO HAMILTON COUNTY BENCHMARK NO. 8356. POSTED ELEVATION = 841.09'.
 - SITE BENCHMARK AS SHOWN HEREON.



SEAL:

NOT FOR CONSTRUCTION

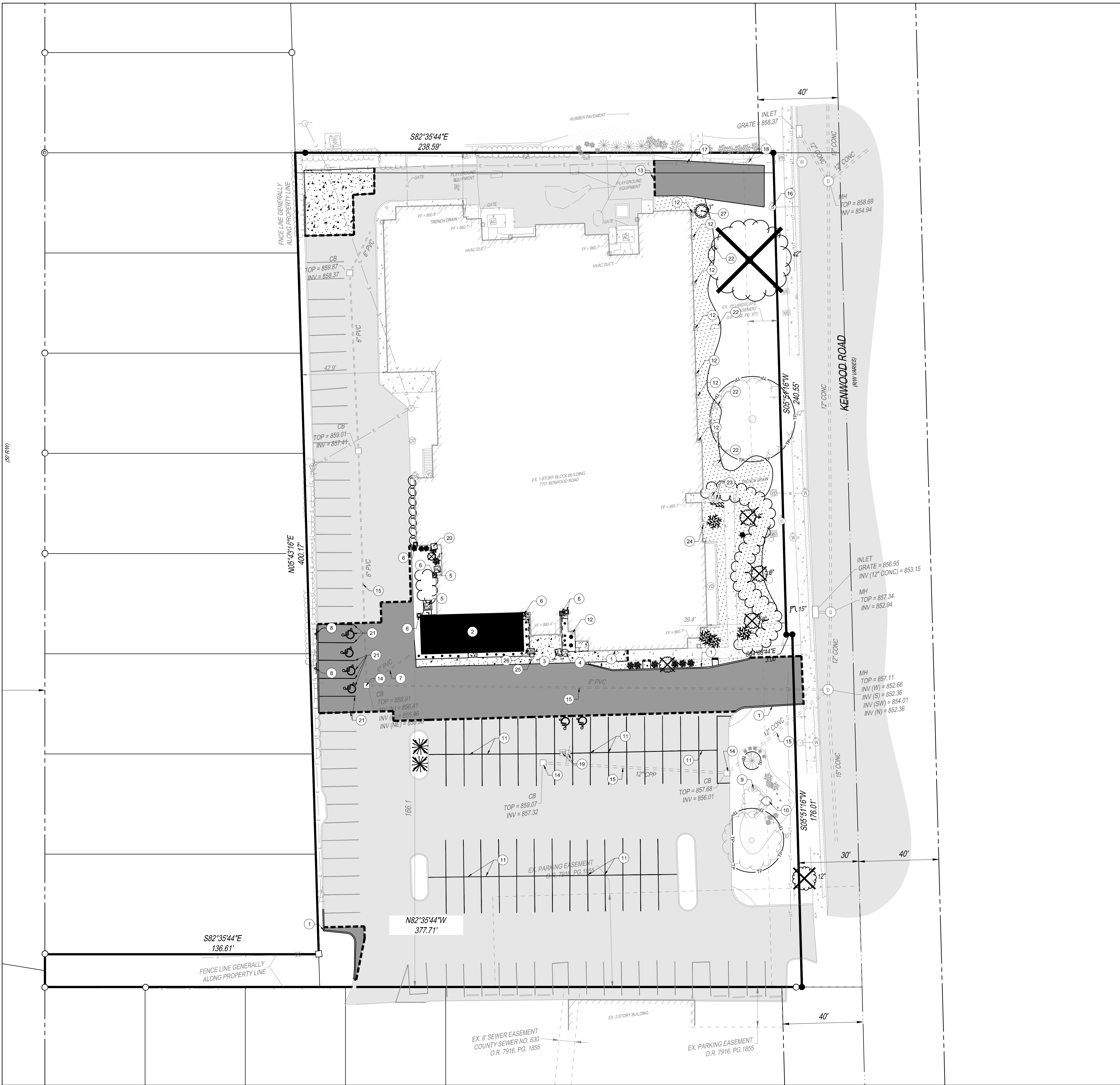
NO.	DATE	DESCRIPTION
NO.	04/06/2026	ZONING SET

GOOD SHEPHERD LUTHERAN CHURCH
 7701 KENWOOD RD., CINCINNATI, OHIO 45236


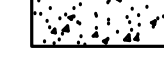
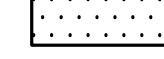






PROJECT NO: 250917.000
 DATE: 03/12/2026
 SCALE: 1" = 30'

SHEET NAME:
SURVEY BASEMAP

SHEET NO:
C200



DEMOLITION LEGEND

-  REMOVE PAVEMENT
-  REMOVE CONCRETE
-  REMOVE LANDSCAPING
-  SAWCUT LINE
-  REMOVE TREE
-  REMOVE HEDGE
-  REMOVE PAVER
-  TREE PROTECTION PER DETAIL
-  REMOVE BUSH

CODED NOTES

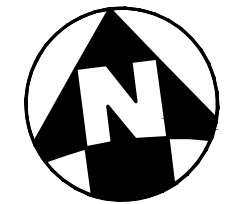
- 1 REMOVE CURB TO EXTENTS SHOWN
- 2 REMOVE BUILDING AND FOUNDATIONS COMPLETE
- 3 REMOVE ELECTRICAL EQUIPMENT
- 4 REMOVE AND RELOCATE SANITARY CLEANOUT
- 5 REMOVE AND RELOCATE AC UNIT
- 6 REMOVE AND RELOCATE DOWNSPOUT AS NEEDED
- 7 EXISTING DOWNSPOUT COLLECTOR TO BE REUSED
- 8 REMOVE SIGN
- 9 SPRINKLER TO REMAIN
- 10 STRUCTURE AND ASSOCIATED WALL TO REMAIN
- 11 REMOVE STRIPING AND RESTRIPE PER SHEET C400
- 12 DOWNSPOUT TO REMAIN
- 13 FENCE TO REMAIN
- 14 STORM STRUCTURE TO REMAIN
- 15 STORM PIPE TO REMAIN
- 16 GAS VALVE TO REMAIN
- 17 ELECTRICAL LINE TO REMAIN
- 18 UTILITY POLE TO REMAIN
- 19 LIGHT POLE AND CORRESPONDING ELECTRIC CONDUIT AND PULL BOX TO REMAIN
- 20 REMOVE AND RELOCATE TELEPHONE STRUCTURE
- 21 REMOVE STRIPING AND RESTRIPE TO MATCH EXISTING CONDITION
- 22 GROUNDLIGHT TO REMAIN
- 23 SANITARY CLEANOUT TO REMAIN
- 24 IRRIGATION VALVE TO REMAIN
- 25 REMOVE CANOPY AND CORRESPONDING COLUMNS
- 26 REMOVE AND REINSTALL MAILBOX
- 27 MEMORIAL TREE TO BE RELOCATED, SEE PLANTING PLAN

DEMOLITION PLAN GENERAL NOTES

- A. CONTRACTOR TO PROTECT ALL EXISTING UTILITIES SHOWN ON THIS PLAN UNLESS EXPLICITLY NOTED TO BE REMOVED OR REPLACED
- B. ALL BOLD ITEMS TO BE REMOVED



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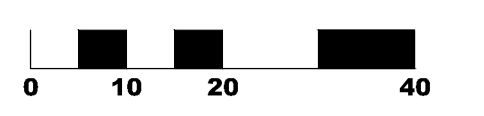
SEAL:

NOT FOR CONSTRUCTION

NO. DATE DESCRIPTION
 NO. 0406/2026 ZONING SET

GOOD SHEPHERD LUTHERAN CHURCH
 7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 250917.000
 DATE: 03/12/2026
 SCALE:

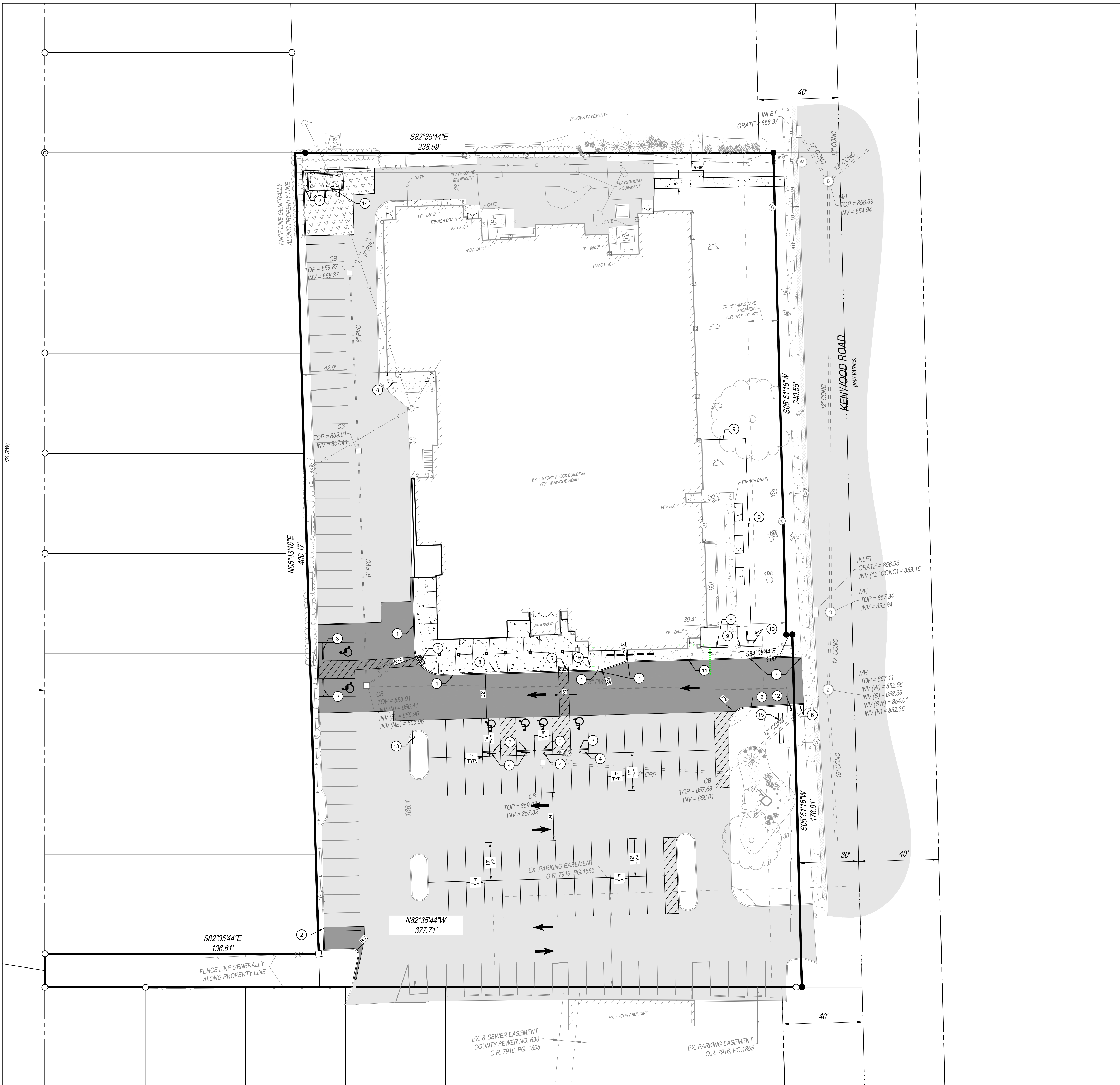


SHEET NAME:

DEMOLITION PLAN

SHEET NO:

C300



PROPOSED LEGEND

- ASPHALT PAVEMENT
- CONCRETE WALK
- ALTERNATE WORK

CODED NOTES

- 1 PROPOSED FLUSH CURB
- 2 PROPOSED BARRIER CURB
- 3 PROPOSED CONCRETE WHEEL STOP
- 4 PROPOSED ACCESSIBLE PARKING SIGN
- 5 PROPOSED DETECTABLE WARNINGS
- 6 TRANSITION CURB HEIGHT FROM 6" TO FLUSH OVER 2 LF
- 7 TRANSITION CURB HEIGHT FROM 6" TO FLUSH OVER EXTENTS SHOWN
- 8 CANOPY/BUILDING OVERHANG PER ARCHITECTURAL DRAWINGS
- 9 FENCE PER ARCHITECTURAL DRAWINGS
- 10 MONUMENT PER ARCHITECTURAL DRAWINGS
- 11 PROPOSED INTEGRAL CURB
- 12 DOUBLE SIDED SIGN DO NOT ENTER / BEGIN ONE WAY
- 13 DO NOT ENTER SIGN
- 14 DUMPSTER PAD/ENCLOSURE
- 15 EXISTING MONUMENT SIGN TO BE REMODELED
- 16 DECORATIVE BOLLARD, TYP. OF 12

PRE-DEVELOPMENT PARKING COUNT TABLE

- 34 WEST SIDE STANDARD SPACES
- 52 MAIN LOT STANDARD SPACES
- 6 ADA SPACES
- 4 GUEST SPACES
- 19 SOUTH LOT (DOCTOR'S OFFICE) SPACES
- 115 TOTAL SPACES**
- 51 BACK LOT (TRIO'S) SPACES
- 166 GRAND TOTAL SPACES**

POST-DEVELOPMENT PARKING COUNT TABLE

- 36 WEST SIDE STANDARD SPACES
- 52 MAIN LOT STANDARD SPACES
- 6 ADA SPACES
- 19 SOUTH LOT (DOCTOR'S OFFICE) SPACES
- 113 TOTAL SPACES**
- 51 BACK LOT (TRIO'S) SPACES
- 164 GRAND TOTAL SPACES**

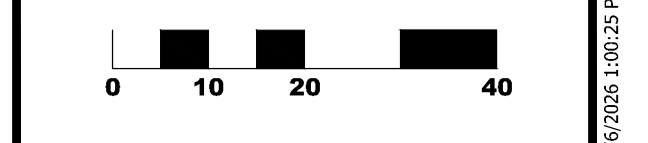
SEAL:

NOT FOR CONSTRUCTION

NO. DATE DESCRIPTION

GOOD SHEPHERD LUTHERAN CHURCH
 7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 250917.000
 DATE: 03/12/2026
 SCALE:



SHEET NAME:

LOCATION PLAN

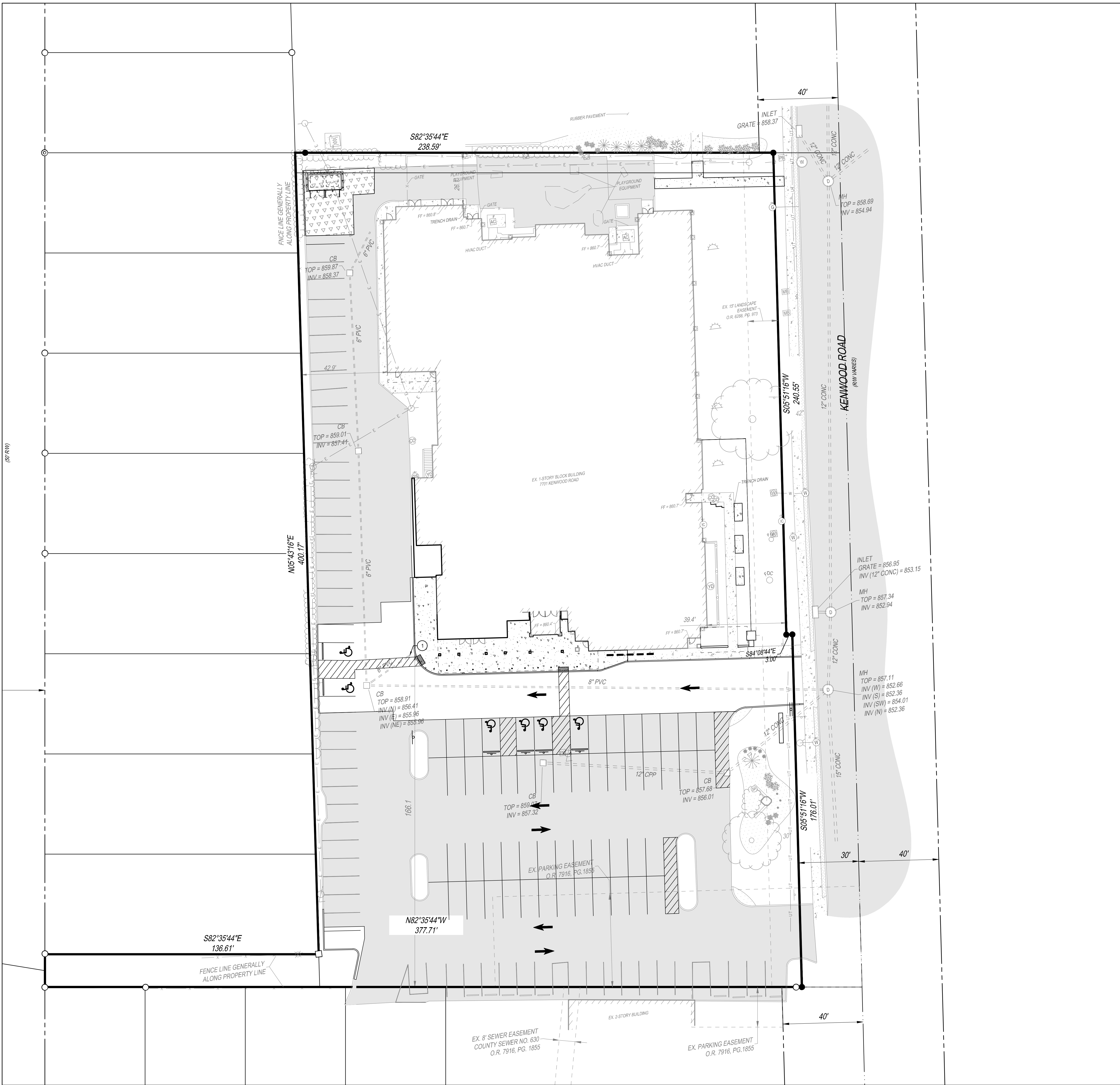
SHEET NO:

C400



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- PROPOSED LEGEND**
- STM STORM SEWER PIPE
 - CURB INLET
 - YARD DRAIN
 - MANHOLE
 - STORM SEWER CLEANOUT
 - SAN SANITARY SEWER PIPE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER CLEANOUT
 - W — WATERLINE PIPE

CODED NOTES

① ADJUST EXISTING COLLECTOR PIPE TO COLLECT PROPOSED CANOPY AND BUILDING DOWNSPOUTS.



SEAL:

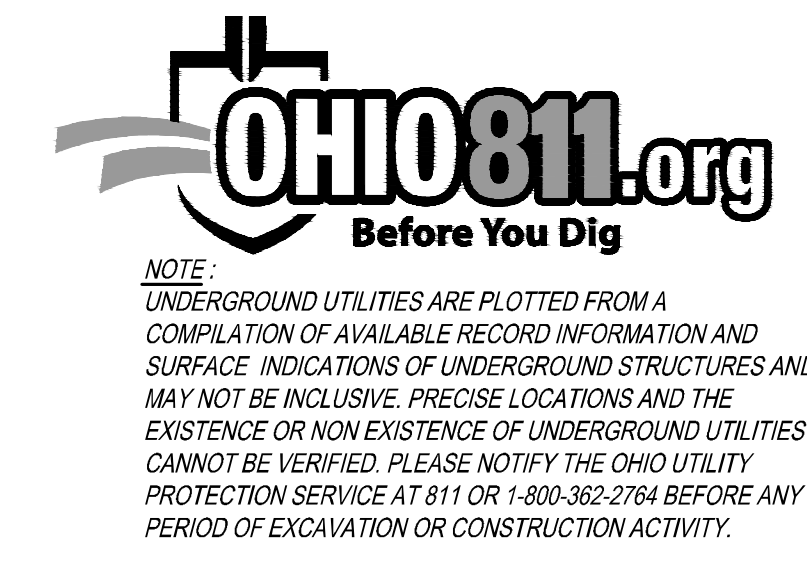
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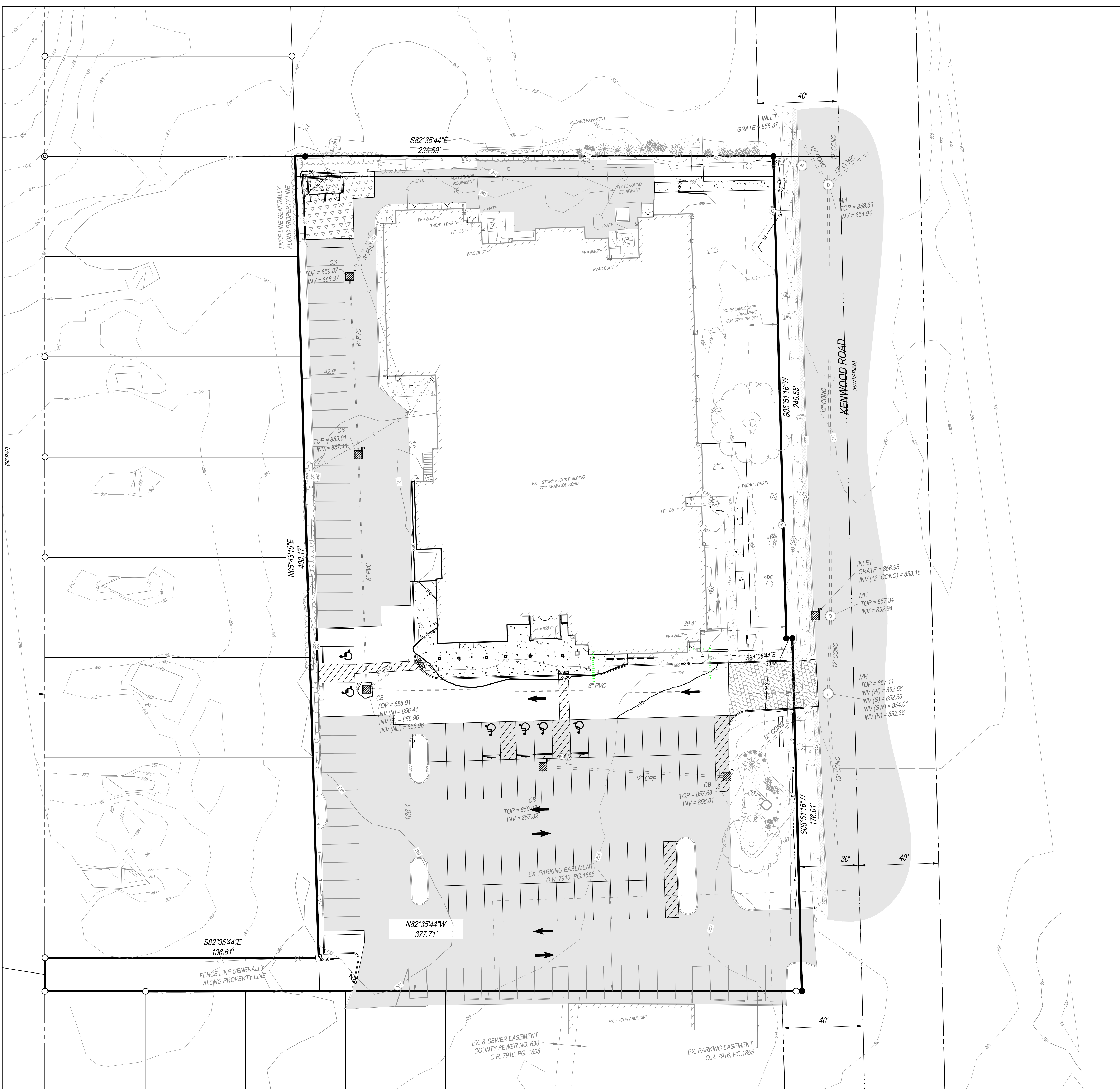
NO.	DATE	DESCRIPTION
NO.	04/06/2026	ZONING SET

GOOD SHEPHERD LUTHERAN CHURCH
 7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 250917.000
 DATE: 03/12/2026
 SCALE:

SHEET NAME: **UTILITY PLAN**
 SHEET NO: **C500**





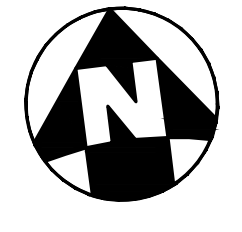
- GRADING LEGEND**
- 25 — EXISTING MAJOR CONTOUR
 - 25 — EXISTING MINOR CONTOUR
 - 25 — PROPOSED MAJOR CONTOUR
 - 25 — PROPOSED MINOR CONTOUR
 - ➔ 100-YEAR FLOOD ROUTE

- SPOT ELEVATION LEGEND**
- x 456.00 FINISHED GRADE ELEVATION
 - x 456.00 BC BACK OF CURB ELEVATION
 - x 456.00 EC EDGE OF CONCRETE ELEVATION
 - x 456.00 EP EDGE OF PAVEMENT ELEVATION

- PROPOSED EROSION CONTROL LEGEND**
- ▨ INLET PROTECTION (C707)
 - SF — SILT FENCE (C707)
 - ▨ CONSTRUCTION ENTRANCE (C707)
 - ▨ CONCRETE WASHOUT (C707)
 - ▨ ALTERNATE WORK



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SEAL:
NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION
NO.	04/06/2026	ZONING SET

GOOD SHEPHERD LUTHERAN CHURCH
 7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 250917.000
 DATE: 03/12/2026
 SCALE:

SHEET NAME:
GRADING PLAN
 SHEET NO:
C600

PROJECT DATA

PROJECT DESCRIPTION
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

LATITUDE: N XXX'XXXX'XX"
LONGITUDE: W XX'XXXX'XX"
ESTIMATED CONSTRUCTION DATES: XXXXXXXX - XX/XX/XXXX

TOTAL SITE AREA: XXX ACRES
TOTAL DISTURBED AREA: XXX ACRES

EXISTING IMPERVIOUS AREA: XXX ACRES
PROPOSED IMPERVIOUS AREA: XXX ACRES
TOTAL IMPERVIOUS AREA AFTER CONSTRUCTION: XXX ACRES
INCREASE IN IMPERVIOUS AREA: 0%

PRE-CONSTRUCTION RUNOFF COEFFICIENT: C=0.XX
POST-CONSTRUCTION RUNOFF COEFFICIENT: C=0.XX

IMMEDIATE RECEIVING WATER/MS4: XXXXX
ULTIMATE RECEIVING STREAM: XXXXX

EXISTING LAND USE: XXXXX

SOILS: XXXXX

CONSTRUCTION SEQUENCE

TO COMPLETE THE EXCAVATION AND CONSTRUCTION OF THE PROPOSED JOB IMPROVEMENTS, COORDINATION OF THE CONTRACTOR'S WORK CREWS WILL BE REQUIRED, THE EXISTING DITCHES WILL PERFORM TEMPORARY SEDIMENT CONTROL AND STORAGE DURING THE PROPOSED CONSTRUCTION. WORK WILL GENERALLY PROCEED FROM DOWNSTREAM TO UPSTREAM IN THESE WORK AREAS. THE GENERAL CONSTRUCTION SEQUENCE IS AS FOLLOWS:

- A) INSTALL EROSION CONTROL ITEMS.
- B) STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL THROUGH THE INCREMENTAL WORK AREA.
- C) INSTALL TEMPORARY DITCH CHECKS IN DOWNSTREAM END OF EXISTING DITCH WITHIN 24 HOURS FOLLOWING THE STRIPPING OPERATION.
- D) IF U/G PIPE IS CALLED FOR IN THIS PORTION OF WORK AREA, PIPE CREW WILL INSTALL PIPE AS WELL AS MANHOLES.
- E) AS PIPE INSTALLATION PROGRESSES, REPAIR OF THE ROADWAY WILL PROCEED BEHIND IT.
- F) ANY DISTURBED OR EXPOSED AREAS SHALL BE STABILIZED PER OEPA TEMPORARY AND PERMANENT STABILIZATION REGULATIONS INCLUDING:
 1. SEEDING
 2. DITCH MATTING
 3. INLET PROTECTION
 4. MULCHING
 5. WATERING

EMERGENCY ACTION & SPILL PREVENTION PLAN

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

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

TITLE	NAME	PHONE NUMBER
SITE SUPERINTENDENT	_____	_____
PROJECT ENGINEER	_____	_____

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

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

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

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

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

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

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

STABILIZATION PRACTICES

PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000006. (SEE TABLE 1)

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

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000006. (SEE TABLE 2)

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

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

SEEDING & MULCHING

MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 14 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.

MULCH SHALL CONSIST OF UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC, OR 90 LB./1000 SQ. FT. (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1000-SQ.-FT. SECTIONS AND PLACE TWO 45-LB. BALES OF STRAW IN EACH SECTION.

MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH:

- 1) MECHANICAL-USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 IN.
- 2) MULCH NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
- 3) SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL, MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.
- 4) WOOD CELLULOSE FIBER - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB./ACRE. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL. OF WOOD CELLULOSE FIBER.

TEMPORARY SEEDING & MULCHING FOR EROSION CONTROL		
SEED TYPE	PER 1,000 SQ.FT	PER ACRE
PERENNIAL RYEGRASS	1 POUND	40 POUNDS
TALL FESCUE	1 POUND	40 POUNDS
ANNUAL RYEGRASS	1 POUND	40 POUNDS
SMALL GRAIN STRAW	90 POUNDS	2 TONS
FERTILIZER	6 POUNDS OF 10-10-10 OR 12-12-12	250 POUNDS OF 10-10-10 OR 12-12-12

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

STOCKPILE

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

TIMING OF CONTROLS/MEASURES

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

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

* IRRIGATION NEEDED

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

INSPECTIONS

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

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

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

MAINTENANCE

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

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

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

DUST CONTROL

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

THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:

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

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

PERMITTEE

NAME _____
ADDRESS1 _____
ADDRESS2 _____
PHONE: _____
FAX: _____
CONTACT: _____
EMAIL: _____

GENERAL PERMIT: OHC000006

NPDES PERMIT: XXXXXXXXXX

DATE OF ISSUE: XX/XX/XXXX

SPILL PREVENTION

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

GOOD HOUSEKEEPING:

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

HAZARDOUS PRODUCTS:

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

SPILL CONTROL PRACTICES

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

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

PRODUCT SPECIFIC PRACTICES

PETROLEUM PRODUCTS

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

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

FERTILIZERS

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

PAINTS

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

CONCRETE WASH WATER/WASH OUTS

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



SEAL: _____

NOT FOR CONSTRUCTION

NO. DATE DESCRIPTION
NO. 04/06/2026 ZONING SET

GOOD SHEPHERD LUTHERAN CHURCH
7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 250917.000
DATE: 03/12/2026
SCALE: _____

SHEET NAME: _____

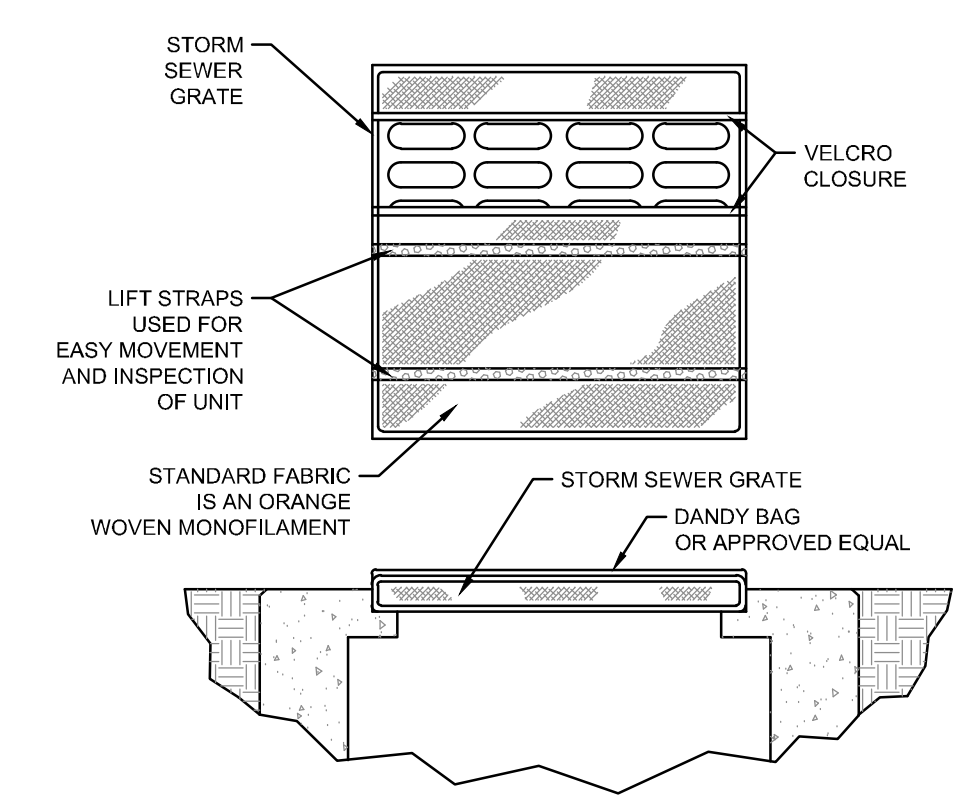
EROSION CONTROL NOTES

SHEET NO. _____

C700



NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-362-3784 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

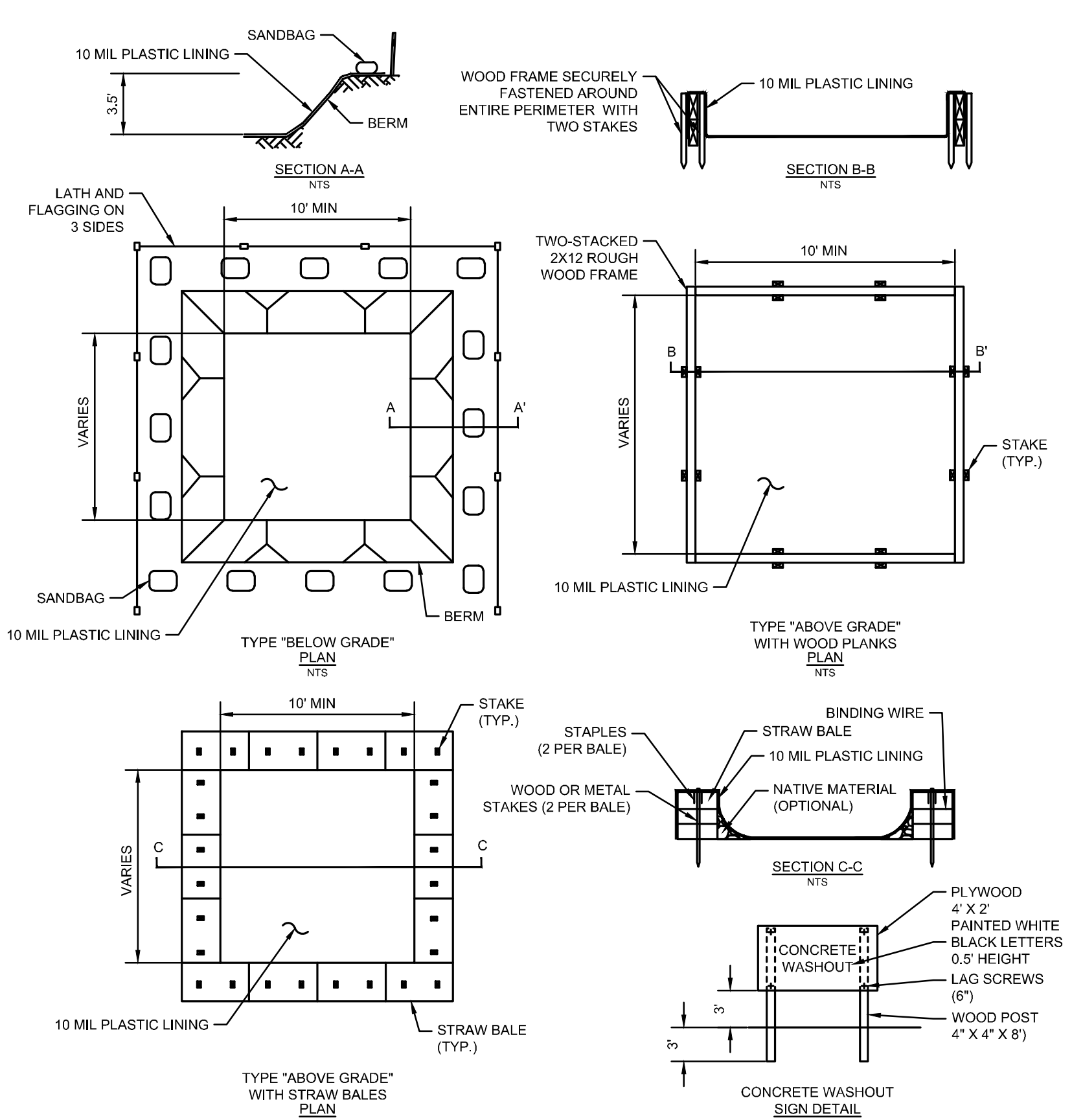


SPECIFICATIONS			
MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	KN (LBS)	1.62 (365) X 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	21 X 10
PUNCTURE STRENGTH	ASTM D 4533	KN (LBS)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	KPA (PSI)	3097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	KN (LBS)	0.51 (115) X 0.33 (75)
UV RESISTENCE	ASTM D 4533	%	90
APPARENT OPENING SIZE	ASTM D 4751	MM (US STD SIEVE)	0.425 (40)
FLOW RATE	ASTM D 4491	MINIMUM (GAL/MIN/FT)	5607 (145)
PERMITTIVITY	ASTM D 4491	SEC	2.1

INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLOW IN POUCH ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. AT EACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE PACKAGING FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

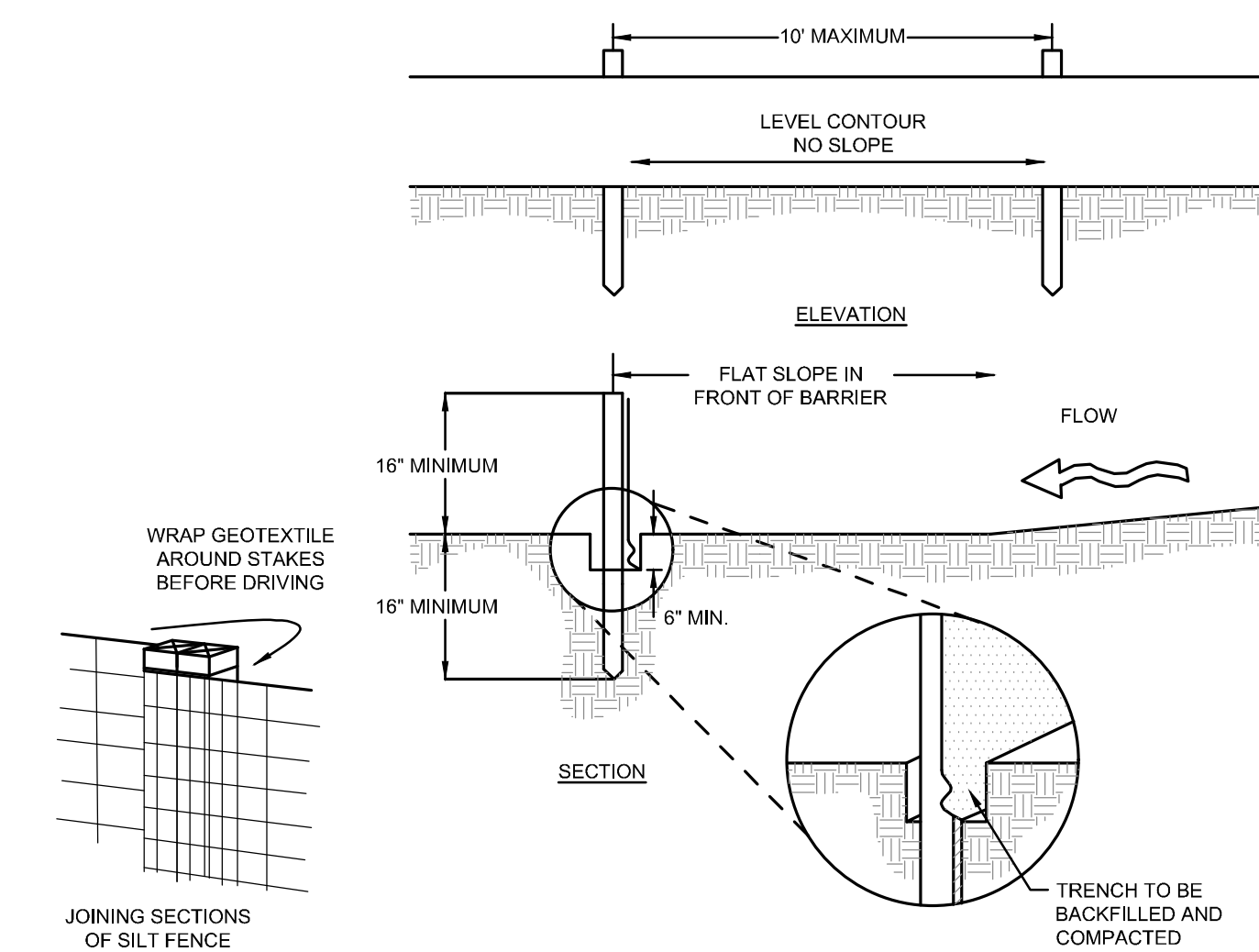
MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS, REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

1 **DANDY BAG DETAIL**
N.T.S.



4 **CONCRETE WASHOUT DETAIL**
N.T.S.

NOTES:
 1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

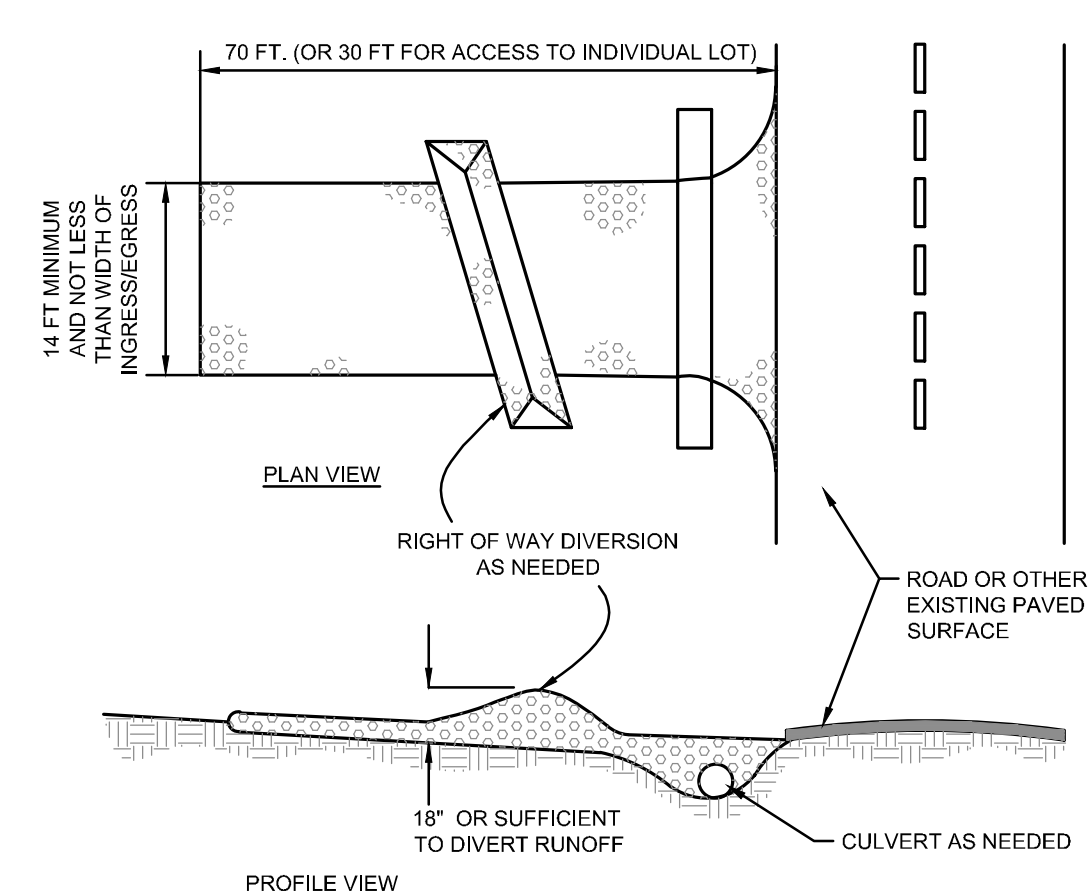


NOTES:
 1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
 2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
 3. ENDS OR THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
 4. SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
 5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
 6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
 7. THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
 8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE. A MINIMUM OF 8 INCHES OF GEOTEXTILE MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6-INCH DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED ON BOTH SIDES OF THE FABRIC.
 9. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-IN. OVERLAP PRIOR TO DRIVING INTO THE GROUND.

10. MAINTENANCE - SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER THE FABRIC OR AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.
 SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE SILT FENCE.
 SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SILT FENCE SHALL BE REPAIRED IMMEDIATELY.
 CRITERIA FOR SILT FENCE MATERIALS
 1. FENCE POST - THE LENGTH SHALL BE A MINIMUM OF 32 INCHES. WOOD POSTS WILL BE 2-BY-2-IN. NOMINAL DIMENSIONED HARDWOOD OF SOUND QUALITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS THAT WILL WEAKEN THE POSTS. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT. POSTS SHALL BE DRIVEN A MINIMUM 18 INCHES INTO THE GROUND, WHERE POSSIBLE. IF NOT POSSIBLE, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDIMENT/WATER LOADING.
 2. SILT FENCE FABRIC - SEE CHART BELOW.

FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LBS. (533 N)	ASTM D 4632
MAXIMUM ELONGATION AT 60 LBS.	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS. (223 N)	ASTM D 4533
MINIMUM TEAR STRENGTH	40 LBS. (180 N)	ASTM D 4533
APPARENT OPENING SIZE	0.84 MM	ASTM D 4751
MINIMUM PERMITTIVITY	1X10 ⁻² SEC ⁻¹	ASTM D 4491
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4355

2 **SILT FENCE DETAIL**
N.T.S.



NOTES:
 1. STONE SIZE - ODOT #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
 2. LENGTH - THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION: APPLY 30 FT. MINIMUM TO SINGLE RESIDENCE LOTS).
 3. THICKNESS - THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
 4. WIDTH - THE ENTRANCE SHALL BE AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 5. GEOTEXTILE - A GEOTEXTILE SHALL BE LAID OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:
 MINIMUM TENSILE STRENGTH..... 200 LBS
 MINIMUM PUNCTURE STRENGTH..... 80 LBS
 MINIMUM TEAR STRENGTH..... 50 LBS
 MINIMUM BURST STRENGTH..... 220 PSI
 MINIMUM ELONGATION..... 20%
 EQUIVALENT OPENING SIZE..... EQS< 0.6MM
 PERMITTIVITY..... 1X10⁻² CM/SEC
 6. TIMING - THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICABLE BEFORE MAJOR GRADING ACTIVITIES.
 7. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FROM FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
 8. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
 9. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE MATERIALS DROPPED, WASHED, OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES. TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
 10. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
 11. REMOVAL - THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

3 **CONSTRUCTION ENTRANCE DETAIL**
N.T.S.

SEAL:

NOT FOR CONSTRUCTION

NO. DATE DESCRIPTION
 NO. 04/06/2026 ZONING SET

GOOD SHEPHERD LUTHERAN CHURCH
 7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 256917.000
 DATE: 03/12/2026
 SCALE:

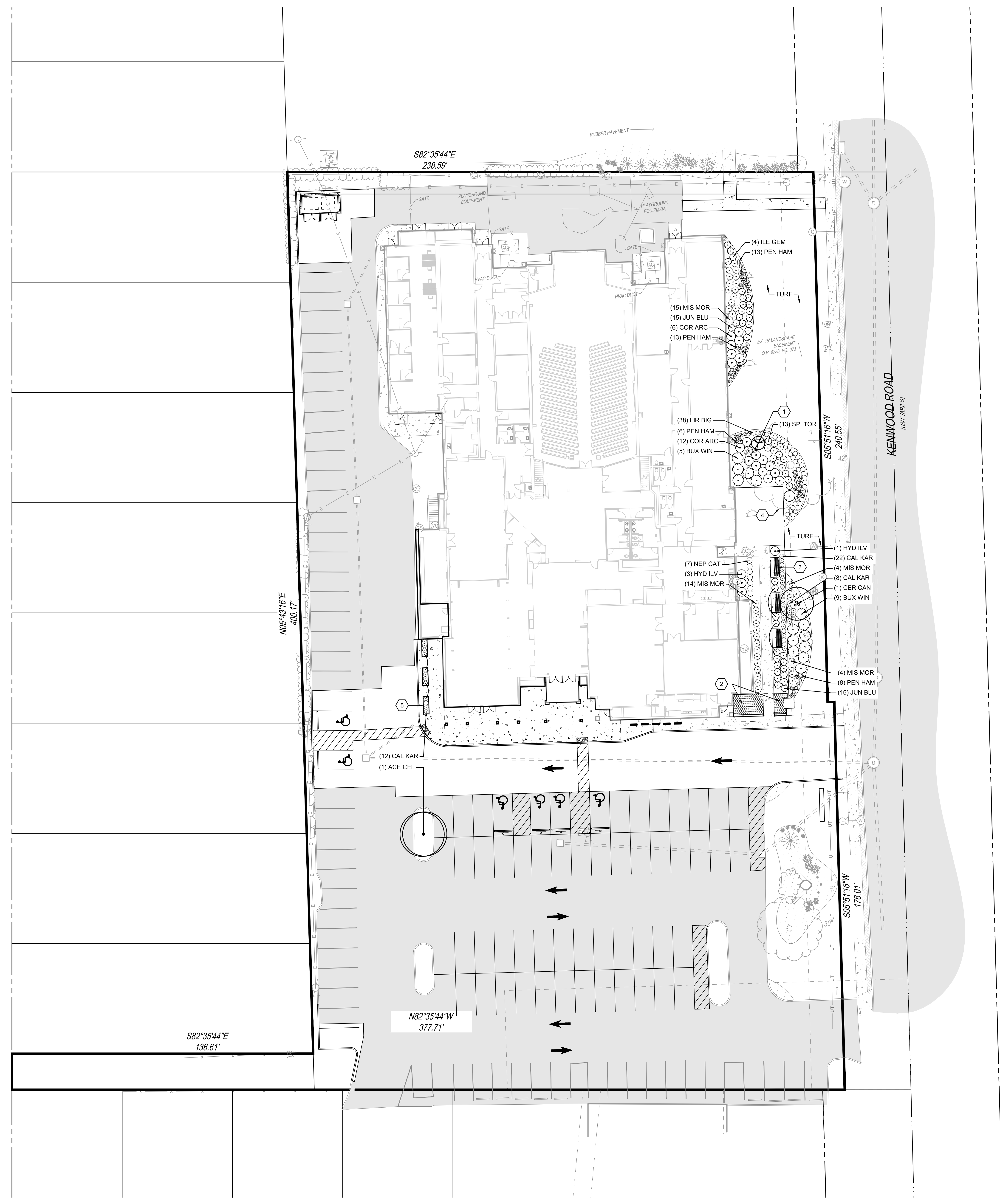
SHEET NAME:
EROSION CONTROL DETAILS

SHEET NO.
C701



NOTE:
 UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-362-2784 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

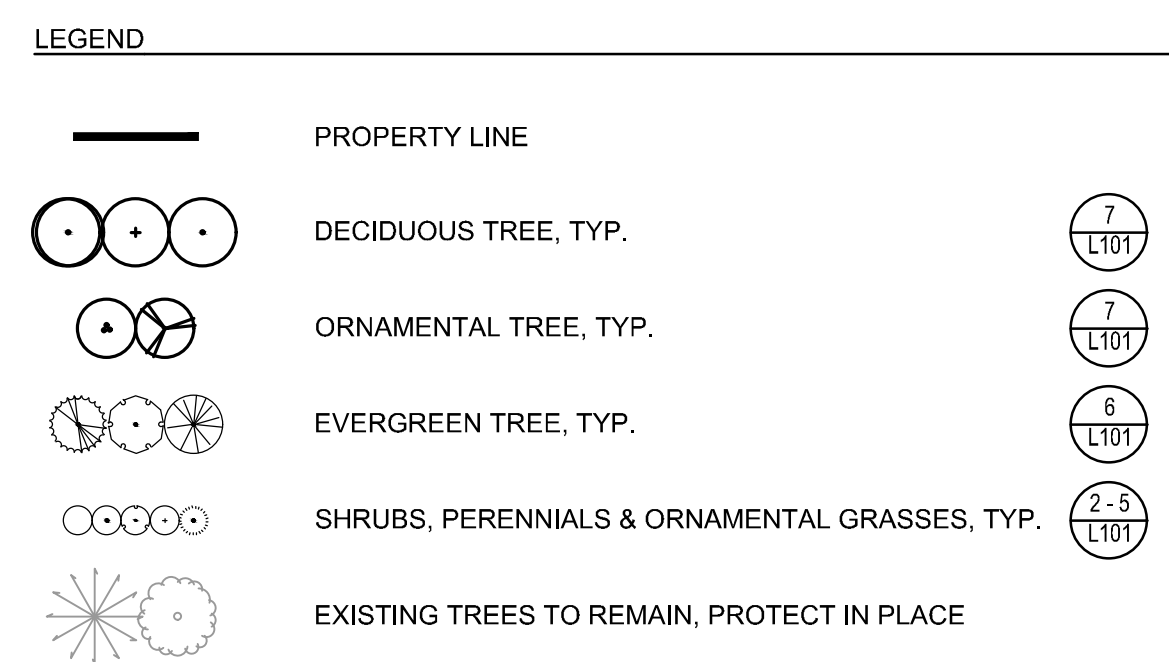
(S/RW)



- PLANTING NOTES**
1. EACH CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
 2. CONTRACTOR SHALL VERIFY ALL PLANTING CONDITIONS FOR OBSTRUCTIONS, EXISTING TREE CANOPY COVERAGE, AND OVERHEAD ELECTRICAL POWER LINES PRIOR TO PLANTING. IF ADVERSE PLANTING CONDITIONS ARE OBSERVED, CONTACT THE OWNERS REPRESENTATIVE IMMEDIATELY.
 3. ALL SHRUB MASSES TO BE INCORPORATED BY A CONTINUOUS MULCH BED TO LIMITS SHOWN AND AS SPECIFIED. MULCH BEDS TO HAVE A NEAT, EDGED APPEARANCE.
 4. SUBSURFACE IMPROVEMENTS SHALL BE OBSERVED. THE CONTRACTOR SHALL CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) 48 HOURS PRIOR TO ANY EXCAVATION OR DIGGING TO ENSURE THE LOCATION OF UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT SUCH UNDERGROUND UTILITIES.
 5. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE FINE GRADED AND SEEDED.
 6. ALL TREES WITHIN A SPECIES SHALL HAVE MATCHING FORM.
 7. THE CONTRACTOR SHALL ENSURE THAT ALL NEWLY PLANTED TREES ARE PERFECTLY ALIGNED AND SET PLUMB WITH PROPER RELATIONSHIP TO THE SURROUNDING GRADE. CONFIRM FINISHED GRADE PRIOR TO PLANTING.
 8. ALL PLANT MATERIAL SHALL BE OF THE SIZE AND TYPE SPECIFIED. IF SUBSTITUTIONS ARE APPROVED BY THE OWNERS REPRESENTATIVE, THE SIZE AND GRADING STANDARDS SHALL CONFORM TO THOSE OF AMERICANHORT.
 9. PRIOR TO ORDERING PLANT MATERIAL, THE CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE PLAN, LABELS, AND PLANT SCHEDULE.

PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES:					
ACE CEL	ACER X FREEMANII 'CELEBRATION'	CELEBRATION MAPLE	2.5" CAL. MIN.	B&B	
CER CAN	CERCIS CANDENSIS	REDBUD	2" CAL. MIN.	B&B	
SHRUBS:					
BUX WIN	BUXUS MICROPHYLLA 'WINTER GEM'	WINTER GEM BOXWOOD	24" HT. MIN.	B&B	PLANT 5' O.C.
COR ARC	CORNUS STOLONIFERA 'ARCTIC FIRE'	ARCTIC FIRE RED TWIG DOGWOOD	24" HT. MIN.	CONT.	PLANT 4' O.C.
HYD ILV	HYDRANGEA PANICULATA 'LVOBLO'	BOBO HYDRANGEA	24" HT. MIN.	CONT.	PLANT 4' O.C.
ILE GEM	ILEX GLABRA 'GEMBOX'	GEMBOX HOLLY	18" HT. MIN.	CONT.	PLANT 2' O.C.
JUN BLU	JUNIPERUS SQUMAMATA 'BLUE STAR'	BLUE STAR JUNIPER	18" HT. MIN.	CONT.	PLANT 3' O.C.
SPI TOR	SPIRAEA BETULIFOLIA 'TOR'	BIRCHLEAF SPIREA	18" HT. MIN.	CONT.	PLANT 3' O.C.
PERENNIALS AND ORNAMENTAL GRASSES:					
CAL KAR	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	#2	CONT.	PLANT 30" O.C.
LIR BIG	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	#2	CONT.	PLANT 24" O.C.
MIS MOR	MISCANTHUS SINENSIS 'MORNING LIGHT'	MORNING LIGHT MAIDEN GRASS	#2	CONT.	PLANT 36" O.C.
NEP CAT	NEPETA FAASSENII 'CAT'S MEOW'	CAT'S MEOW CATMINT	#2	CONT.	PLANT 30" O.C.
PEN HAM	PENNISSETUM ALOPECUROIDES 'HAEMELN'	DWARF FOUNTAIN GRASS	#2	CONT.	PLANT 24" O.C.
TURFGRASS SEED: SEE SPECIFICATIONS					



CONSTRUCTION NOTES:

①	RELOCATED TREE FROM NORTHEAST CORNER
②	AGGREGATE SURFACING, SEE DETAIL 8 / L101
③	BENCH, TYP. OF 3, SEE DETAIL 9 / L101
④	LIMB UP EXISTING TREE PER AN ARBORIST DIRECTION.
⑤	PLANTER, TYP. OF 3, SEE DETAIL 10 / L101

THE KLEINGERS GROUP

CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE

www.kleingers.com

6219 Centre Park Dr. West Chester, OH 45389
513.779.7851

SEAL:

NOT FOR CONSTRUCTION

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NO. 04/06/2026 ZONING SET

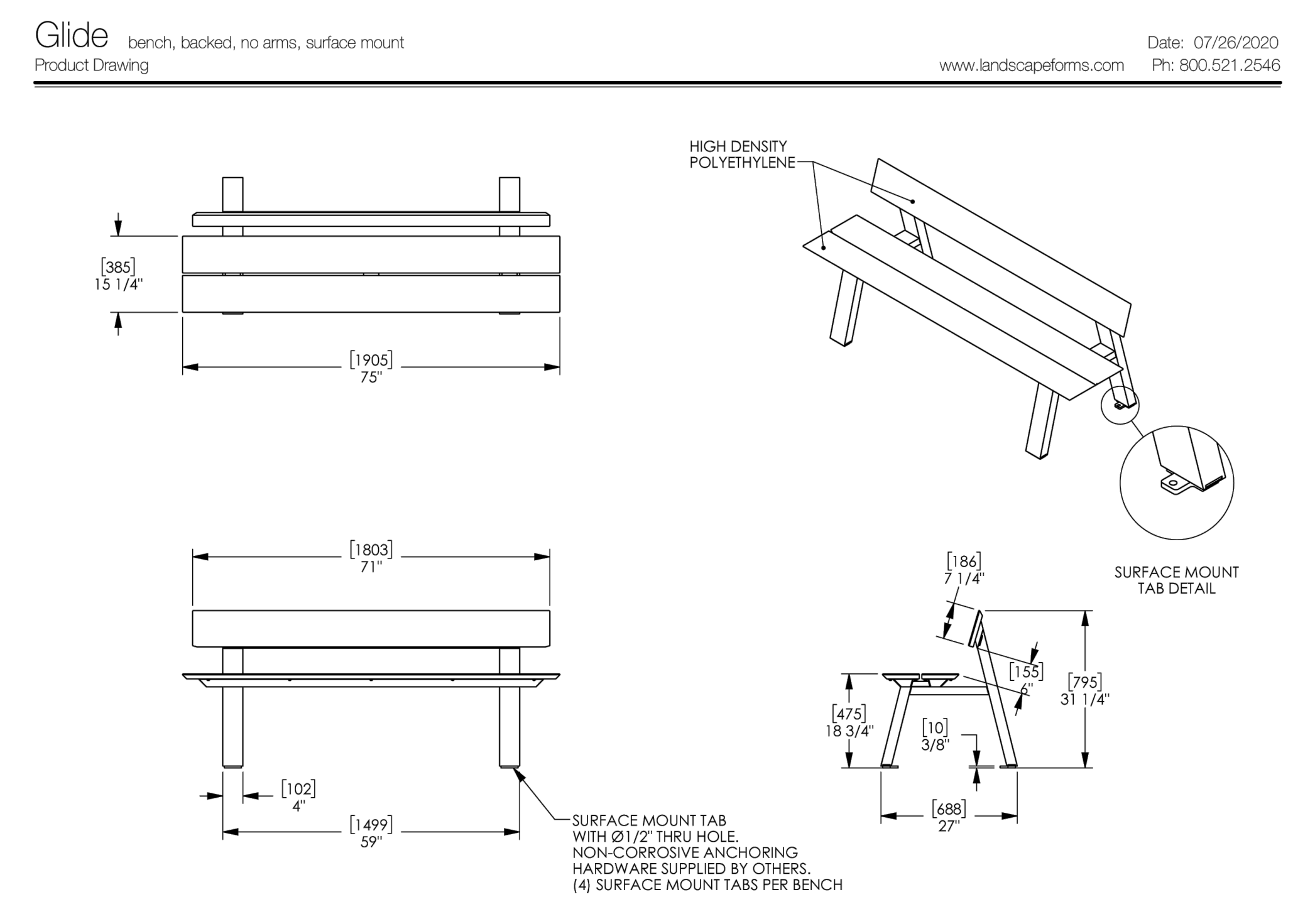
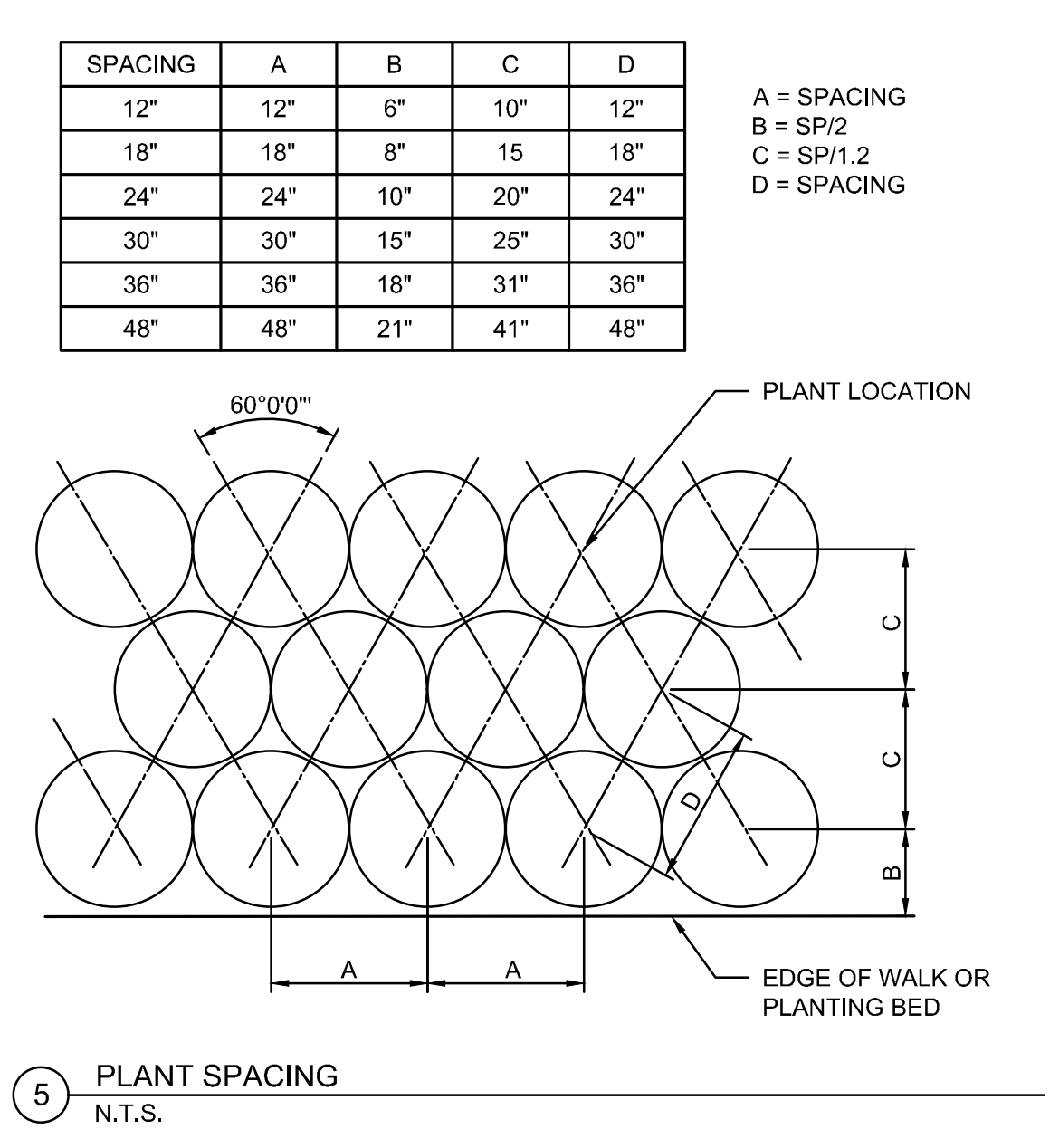
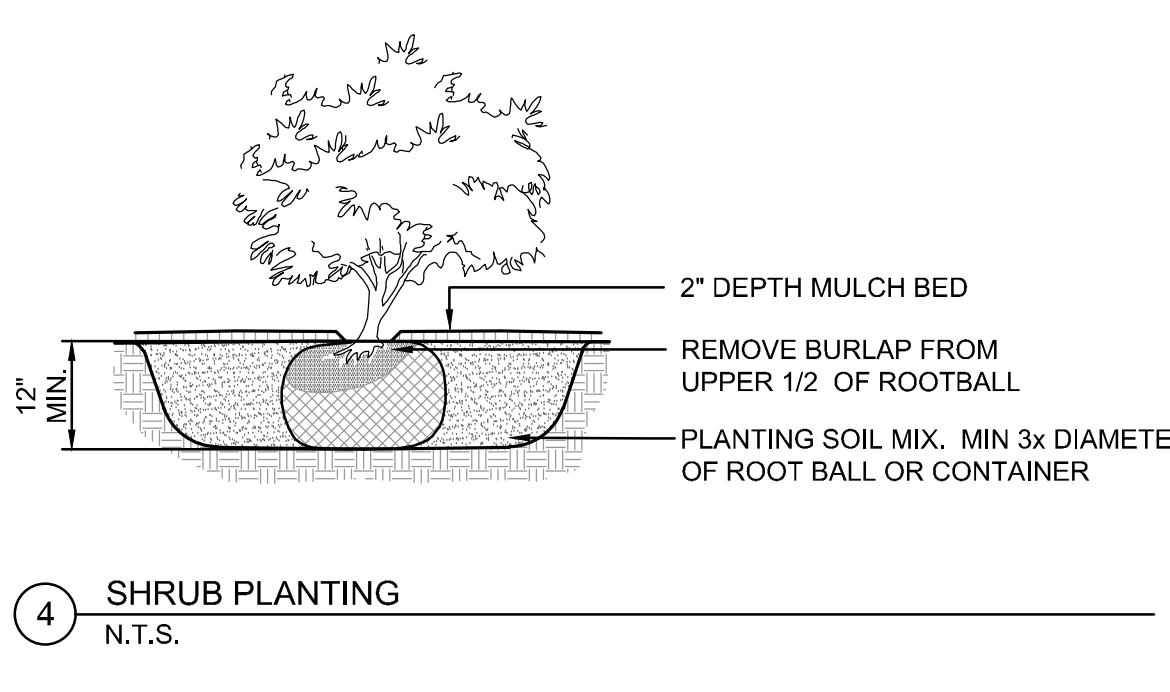
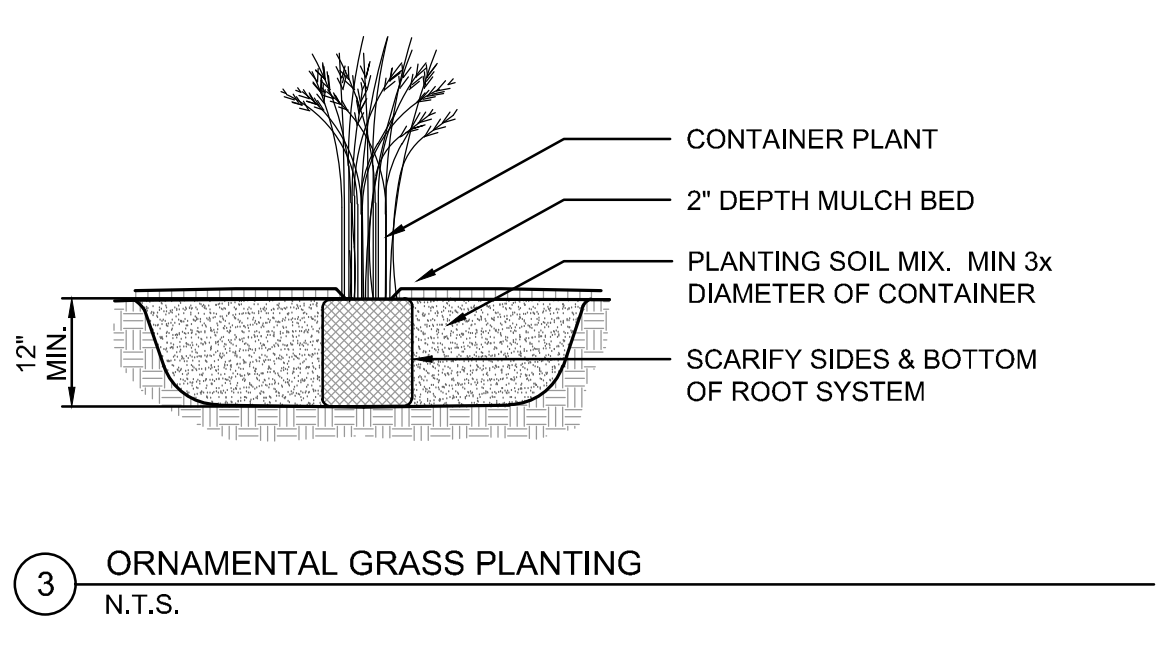
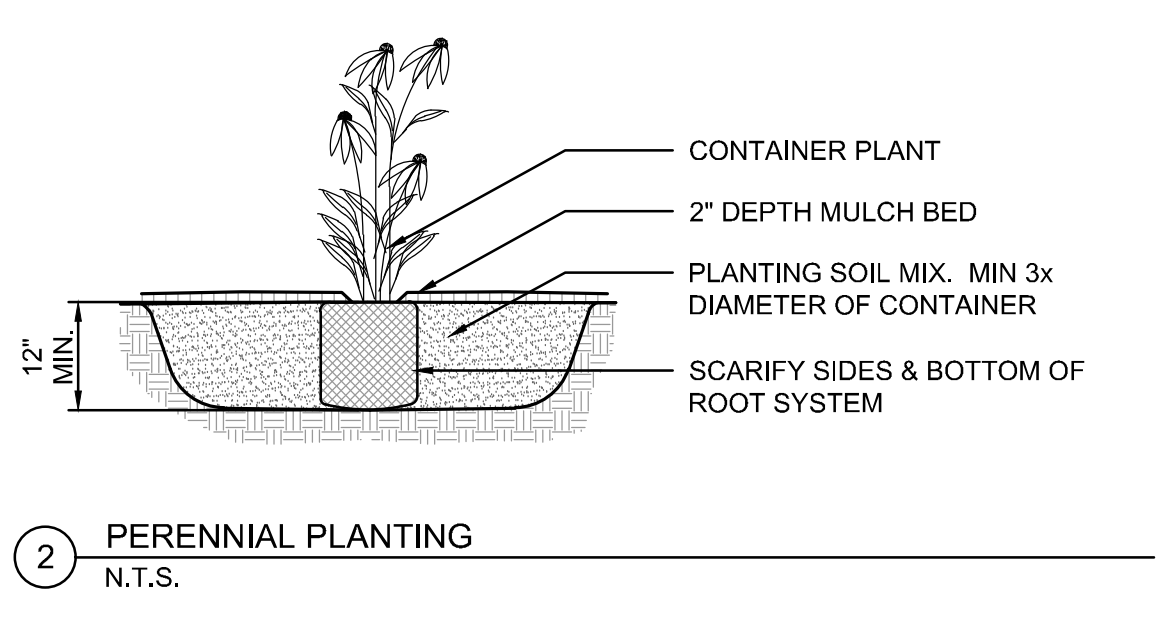
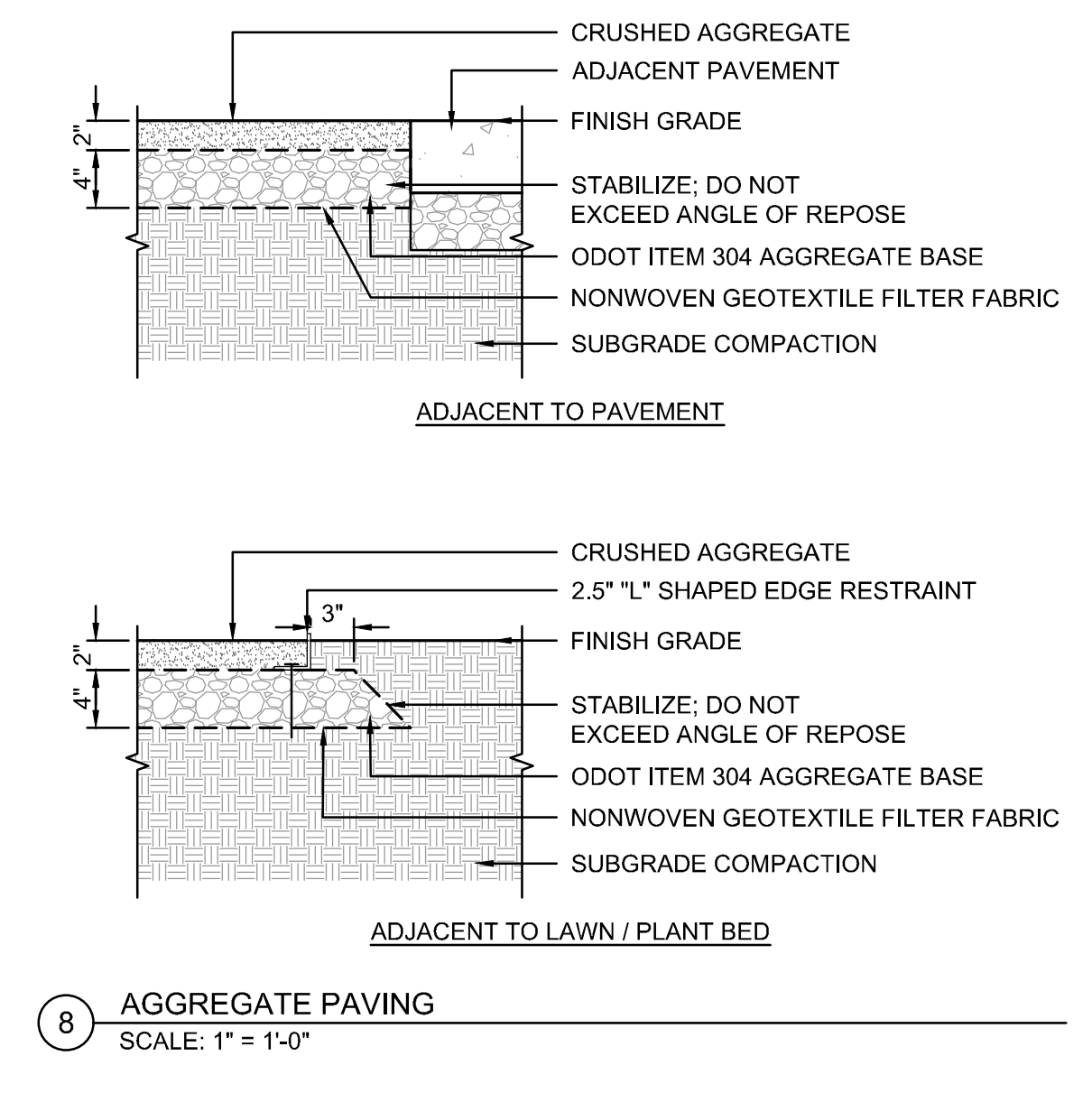
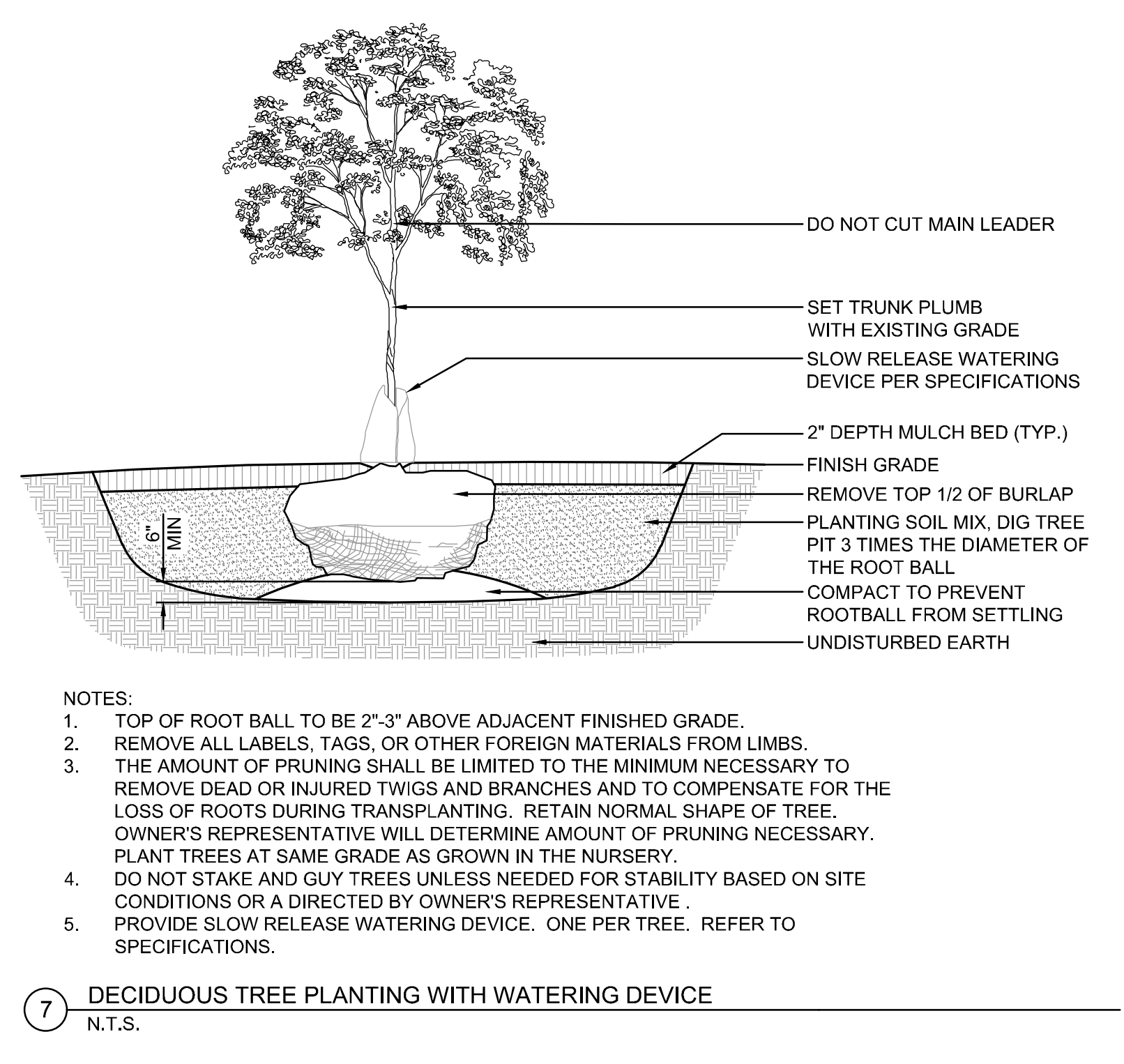
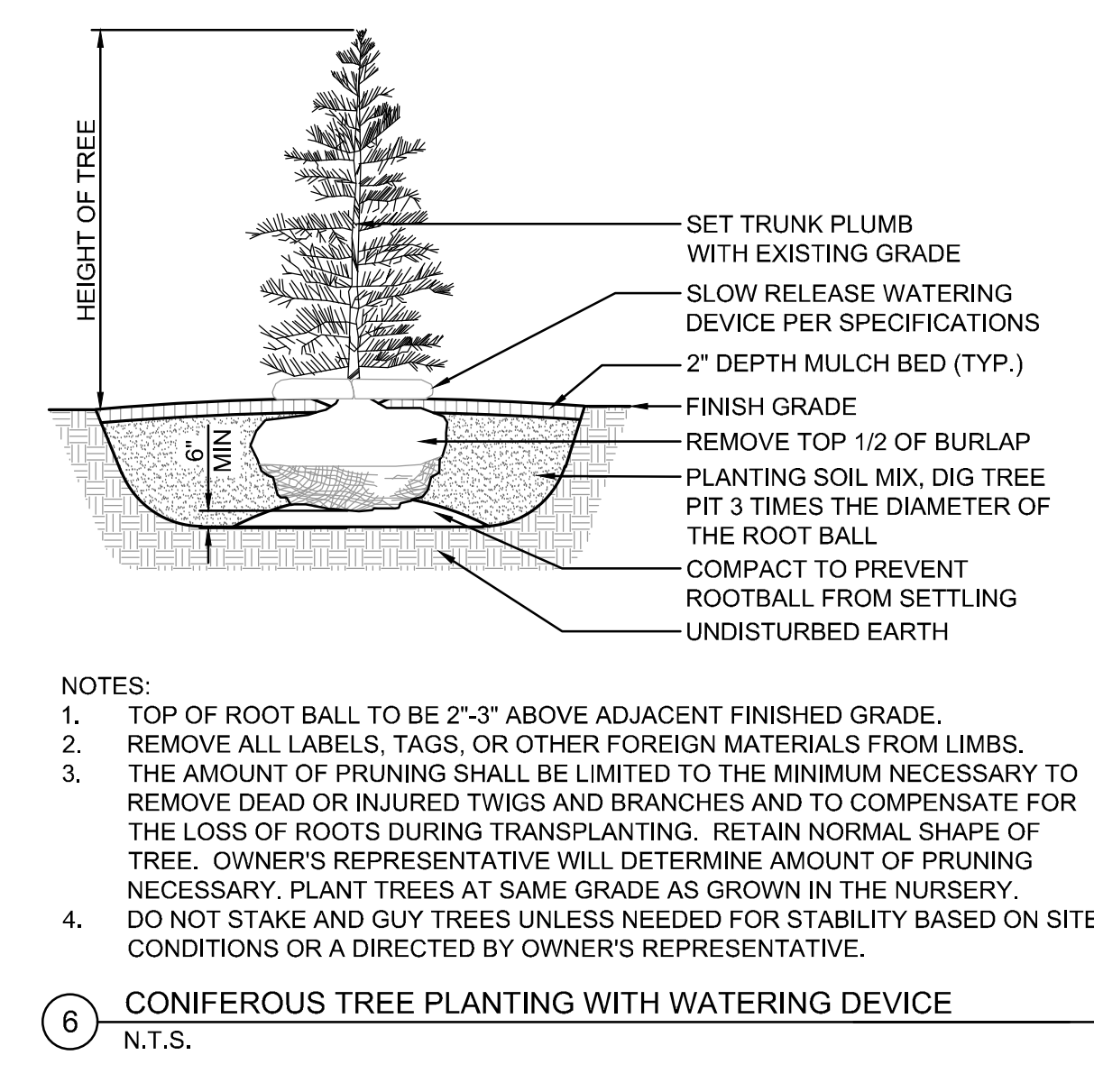
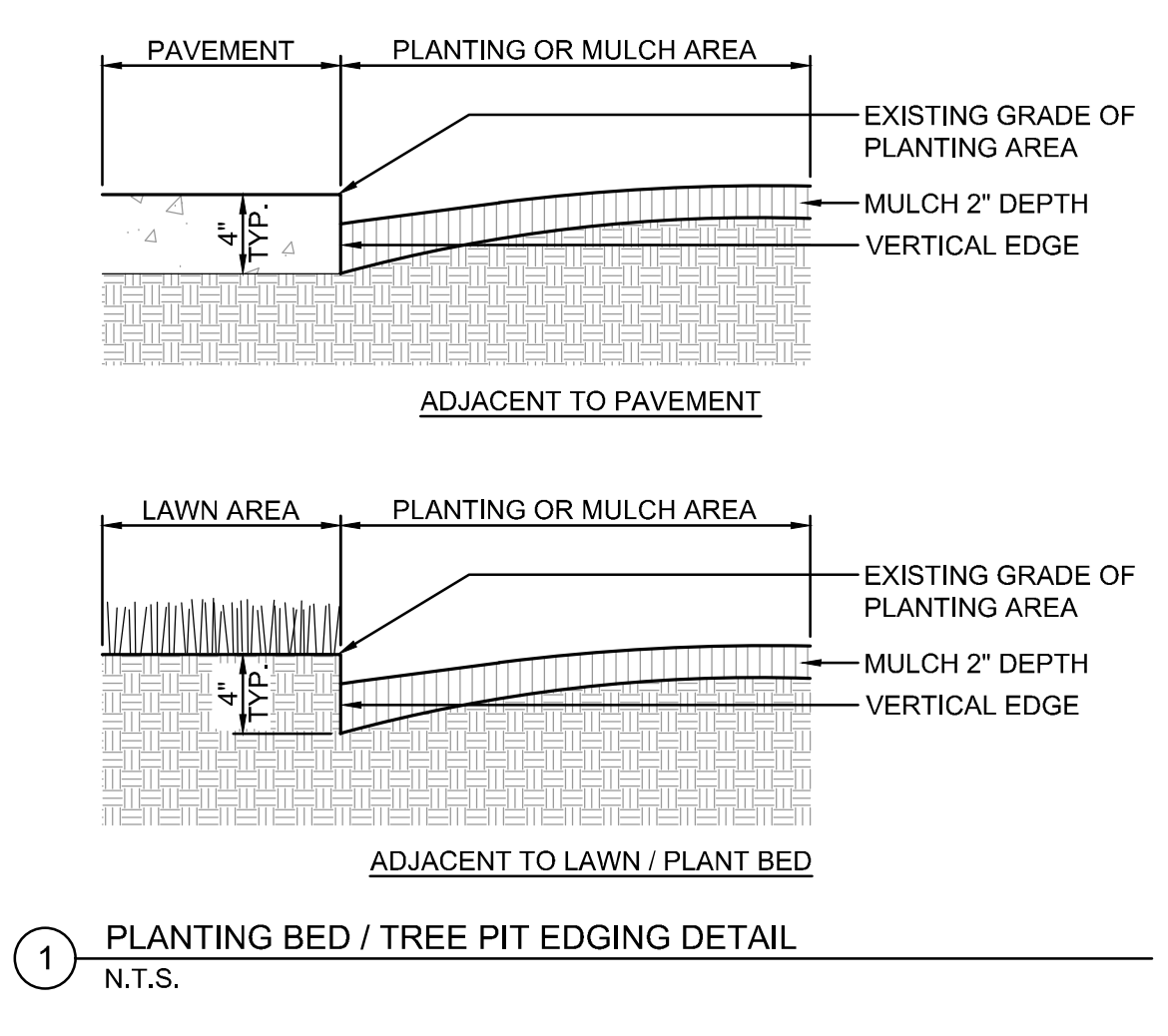
GOOD SHEPHERD LUTHERAN CHURCH
7701 KENWOOD RD, CINCINNATI, OHIO 45236

PROJECT NO: 250917.000
DATE: 03/12/2026
SCALE: 1" = 40'

SHEET NAME:
PLANTING PLAN
SHEET NO:
L100

OHIO811.org
Before You Dig

NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-362-2784 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



Tournesol

Boulevard Planters, Rectangle & Square

- Commercial-grade planters
- Suitable for indoor or outdoor use
- Fiberglass liner with wood cladding
- 1-5/8" drain holes available upon request
- A broad range of standard sizes
- Change in height option is available but limited by cladding dimensions.

CLADDING
When selecting cladding options for your planters, you should specify cladding to cover visible sides. You may choose to omit cladding from sides to accommodate your plans.

Opting for less than 4-sided cladding will reduce your planter dimensions. Each cladded side is approximately 1" thick. Dimensions shown are for planters with 4-sided cladding.

Note that the construction of planters differs for each of the four cladding options. Removing cladding after manufacturing is not recommended.

WOOD TOP CAPS
Adding matching wood caps to Boulevard planters > 18" L provides a 3.5" lip and a nicely finished edge. Note that you can also order your wood top caps 4-sided, 3-sided, 2-sided, or 1-sided to match your planter cladding.

PART NO.	DESCRIPTION
BVC-4S	Wood Caps - 4-sided planters > 48" L
BVC-4L	Wood Caps - 4-sided planters > 48" L
BVC-3S	Wood Caps - 3-sided planters > 48" L
BVC-3L	Wood Caps - 3-sided planters > 48" L
BVC-2S	Wood Caps - 2-sided planters > 48" L
BVC-2L	Wood Caps - 2-sided planters > 48" L
BVC-1S	Wood Caps - 1-sided planters > 48" L
BVC-1L	Wood Caps - 1-sided planters > 48" L

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Boulevard Planters

- Min/Max Dimensions: Length 18"-96", Width 12"-60", Height 18"-42"
- Planter is water-resistant
- ToumeSeal waterproofing sealant available

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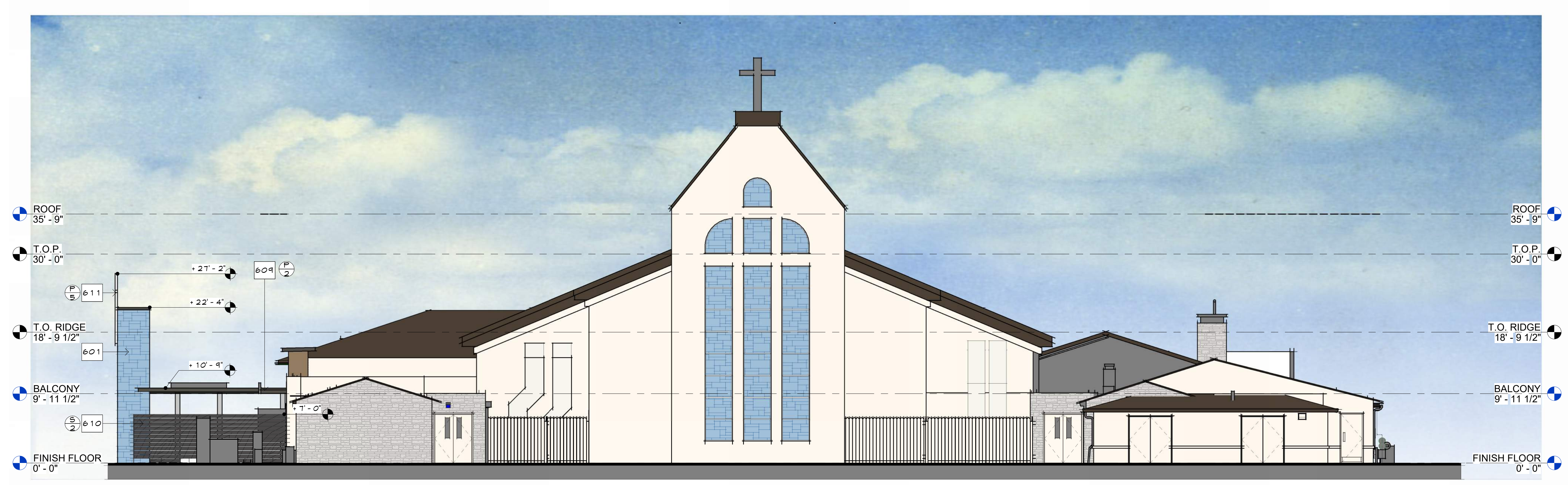
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SHEET NAME:
PLANTING DETAILS

SHEET NO.
L101



EAST COLOR ELEVATION SCALE 1/8" = 1'-0" 1



NORTH COLOR ELEVATION SCALE 1/8" = 1'-0" 2

FINISHES LEGEND	KEYED NOTES	ELEVATION GENERAL NOTES	LEGEND	KEY PLAN
<p>(P/2) MFG: SHERWIN WILLIAMS COLOR: SW7048 URBANE BRONZE</p> <p>(P/5) MFG: SHERWIN WILLIAMS COLOR: SW1005 PURE WHITE</p> <p>(S/2) MFG: BEHR SEMI-TRANSPARENT STAIN COLOR: ST101 ATLANTIC</p>	<p>601 3FORM PANEL</p> <p>602 STEEL CANOPY, 20' - 6" PROJECTION x 45' LENGTH</p> <p>605 NEW ROOF TO MATCH EXISTING ASPHALT SHINGLE</p> <p>606 SIGNAGE</p> <p>608 MANUFACTURED STONE OVER TWO COAT PLASTER OVER SHEATHING OVER FRAMING</p> <p>604 STEEL CANOPY, 12'-6" PROJECTION x 23'-6" LENGTH</p> <p>610 NEW WOOD SLAT FENCE W/ STEEL SUPPORTS AT 6'-0" O.C.</p> <p>611 TUBE STEEL CROSS</p> <p>615 NEW PAINT</p>	<p>1 REFER TO BUILDING SECTIONS, WALLS SECTIONS, DOOR & WINDOW SCHEDULES, ROOF PLAN ETC. FOR ADDITIONAL DETAIL INFORMATION</p> <p>2 FOR DOOR, WINDOW TYPES AND MISCELLANEOUS DETAIL REFERENCES. SEE SHEET A9.X - A9.X</p> <p>3 POST ADDRESS IN A MANNER CLEARLY VISIBLE FROM THE DOMINANT STREET FRONTING THE PROJECT. NUMERALS SHALL BE A MINIMUM OF 4" TALL AND 1/2" STROKE, INSTALLED ON A CONTRASTING BACKGROUND</p> <p>4 PROVIDE A KEEP SCREED FOR STUCCO AT THE FOUNDATION PLATE LINE A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS. KEEP SCREEDS SHALL BE OF A TYPE WHICH WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. (SHOW THESE DIMENSIONS ON A FOUNDATION DETAIL DRAWING) (SECTION 2 5 12.1.2)</p> <p>5 PROVIDE ANTI-GRAFFITI COATING TO ALL EXTERIOR WALLS AND DOORS AT 9' 0" HIGH PER LAMC #1.6306</p> <p>6 FOR THE PURPOSE OF STORM WATER TREATMENT, ALL DOWNSPOUTS SHALL BE CONNECTED TO THE ON-SITE STORM DRAIN SYSTEM AND RELEASED INTO EXISTING FILTRATION SWALE (SEE CIVIL PLANS FOR DETAILS).</p> <p>7 ALL NEW STOREFRONT MULLIONS SHALL BE DARK BRONZE ANODIZED W/ TINTED GLASS</p> <p>8 ALL EXTERIOR PERM WALLS SHALL BE FACTORY FINISH - COLOR SELECTED BY ARCHITECT.</p>	<p>ABBREVIATIONS:</p> <p>B.O.T. BOTTOM OF CHORD TRUSS</p> <p>T.O.T. TOP OF TRUSS</p> <p>T.O.B. TOP OF BEAM</p> <p>T.O.C.C. TOP OF CONCRETE CURB</p> <p>T.O.D. TOP OF DECK</p> <p>T.O.S. TOP OF SLAB</p> <p>T.O.G.R. TOP OF GUARD RAIL</p> <p>T.O.L.W. TOP OF LOW WALL</p> <p>T.O.P. TOP OF PARAPET</p> <p>T.O.R. TOP OF ROOF</p> <p>T.O.M.D. TOP OF METAL DECK</p> <p>T.O.C. TOP OF CANOPY</p> <p>T.O.M. TOP OF MASONRY</p> <p>123 KEYNOTE - SEE KEYNOTES LIST ON SHEET FOR MORE INFO. (NOTE: A KEYNOTE TAGGED ON AN ITEM IN A VIEW APPLIES TO MULTIPLE INSTANCES OF THAT ITEM IN THE SAME VIEW, TYPICAL)</p> <p>20'-0" SPOT ELEVATION INDICATES HEIGHTS OF ITEMS</p> <p>1/4:12 ROOF SLOPE MINIMUM</p>	<p>KEY PLAN</p>



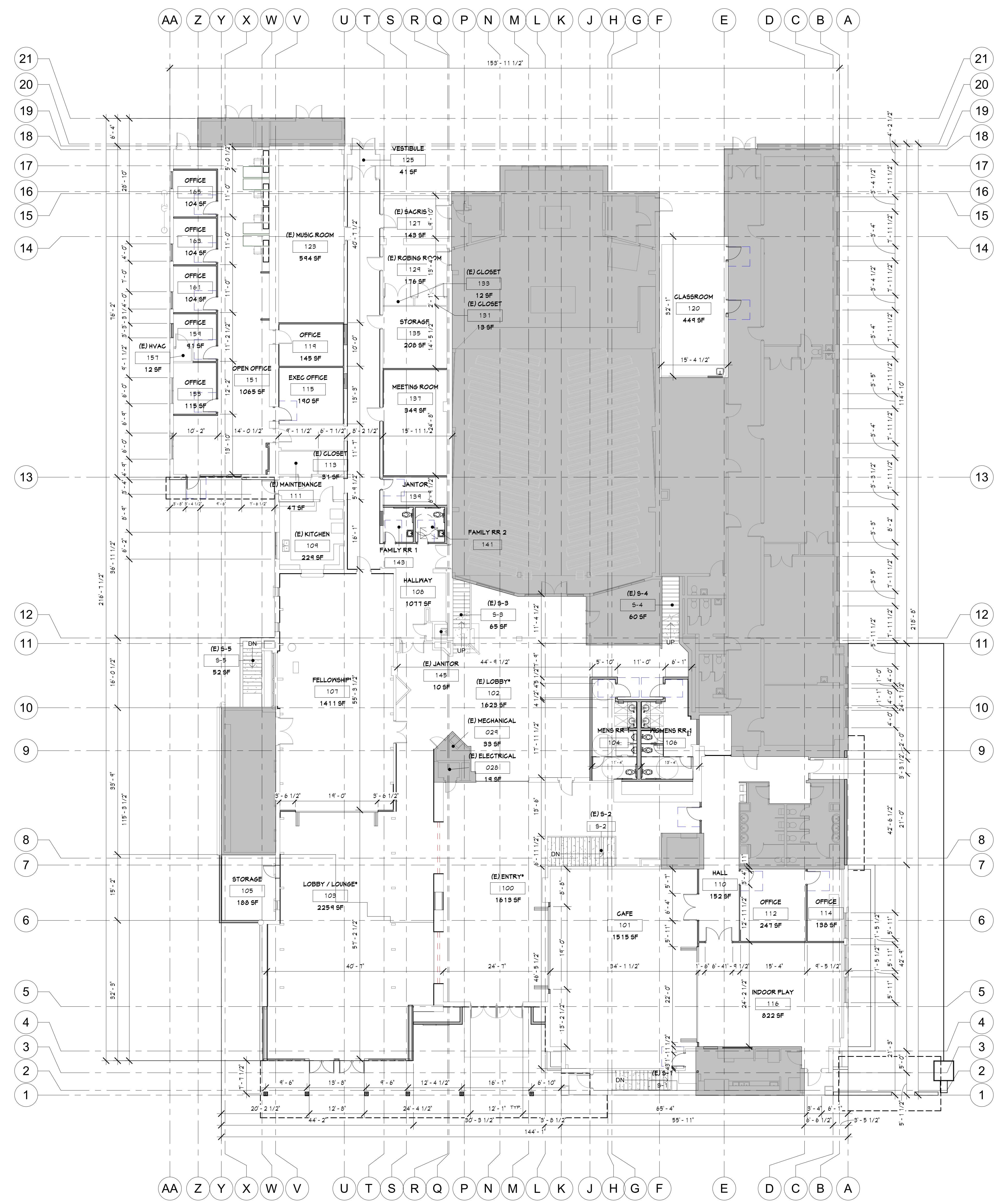
WEST COLOR ELEVATION SCALE 1/8" = 1'-0" 2



SOUTH COLOR ELEVATION SCALE 1/8" = 1'-0" 1

FINISHES LEGEND	KEYED NOTES	ELEVATION GENERAL NOTES	LEGEND	KEY PLAN
<p>② MFG: SHERWIN WILLIAMS COLOR: SW7048 URBANE BRONZE</p> <p>⑤ MFG: SHERWIN WILLIAMS COLOR: SW1005 PURE WHITE</p> <p>⑤ MFG: BEHR SEMI-TRANSPARENT STAIN COLOR: ST101 ATLANTIC</p>	<p>601 3FORM PANEL 602 WOOD LOOK CONCRETE VENEER 603 STEEL CANOPY, 20'-6" PROJECTION x 45' LENGTH 604 BRONZE DOORS TO BE REPURPOSED FROM PREVIOUS FELLOWSHIP HALL WITH NEW PAINT; REFERENCE DEMOLITION PLAN 605 NEW ROOF TO MATCH EXISTING ASPHALT SHINGLE 606 SIGNAGE 607 NEW ALUMINUM STOREFRONT SYSTEM 608 MANUFACTURED STONE OVER TWO COAT PLASTER OVER SHEATHING OVER FRAMING 609 STEEL CANOPY, 12'-6" PROJECTION x 23'-6" LENGTH 610 NEW WOOD SLAT FENCE W/ STEEL SUPPORTS AT 6'-0" O.C. 611 TUBE STEEL CROSS 614 SINGLE PLY ROOF MEMBRANE 615 NEW PAINT 616 PAINTED STEEL STRUCTURE 617 STEEL CANOPY, 9'-0" PROJECTION x 25'-2" LENGTH 618 NEW WOOD SLAT FAÇADE WITH STAIN</p>	<p>1 REFER TO BUILDING SECTIONS, WALLS SECTIONS, DOOR & WINDOW SCHEDULES, ROOF PLAN ETC. FOR ADDITIONAL DETAIL INFORMATION 2 FOR DOOR, WINDOW TYPES AND MISCELLANEOUS DETAIL REFERENCES, SEE SHEET A9.X - A9.X 3 POST ADDRESS IN A MANNER CLEARLY VISIBLE FROM THE DOMINANT STREET FRONTING THE PROJECT. NUMERALS SHALL BE A MINIMUM OF 4" TALL AND 1/2" STROKE, INSTALLED ON A CONTRASTING BACKGROUND 4 PROVIDE A KEEP SCREED FOR STUCCO AT THE FOUNDATION PLATE LINE A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS. KEEP SCREEDS SHALL BE OF A TYPE WHICH WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. (SHOW THESE DIMENSIONS ON A FOUNDATION DETAIL DRAWING) (SECTION 2 5 12.1.2) 5 PROVIDE ANTI-GRAFFITI COATING TO ALL EXTERIOR WALLS AND DOORS AT 9' 0" HIGH PER LAMC 41.6306 6 FOR THE PURPOSE OF STORM WATER TREATMENT, ALL DOWNSPOUTS SHALL BE CONNECTED TO THE ON-SITE STORM DRAIN SYSTEM AND RELEASED INTO EXISTING FILTRATION SWALE (SEE CIVIL PLANS FOR DETAILS). 7 ALL NEW STOREFRONT MULLIONS SHALL BE DARK BRONZE ANODIZED W/ TINTED GLASS 8 ALL EXTERIOR PEMB WALLS SHALL BE FACTORY FINISH - COLOR SELECTED BY ARCHITECT.</p>	<p>ABBREVIATIONS:</p> <p>B.O.T. BOTTOM OF CHORD TRUSS T.O.T. TOP OF TRUSS T.O.B. TOP OF BEAM T.O.C.C. TOP OF CONCRETE CURB T.O.D. TOP OF DECK T.O.S. TOP OF SLAB T.O.G.R. TOP OF GUARD RAIL T.O.L.W. TOP OF LOW WALL T.O.P. TOP OF PARAPET T.O.R. TOP OF ROOF T.O.M.D. TOP OF METAL DECK T.O.C. TOP OF CANOPY T.O.M. TOP OF MASONRY</p> <p>123 KEYNOTE - SEE KEYNOTES LIST ON SHEET FOR MORE INFO. (NOTE: A KEYNOTE TAGGED ON AN ITEM IN A VIEW APPLIES TO MULTIPLE INSTANCES OF THAT ITEM IN THE SAME VIEW, TYPICAL)</p> <p>20'-0" SPOT ELEVATION INDICATES HEIGHTS OF ITEMS</p> <p>1/4:12 ROOF SLOPE MINIMUM</p>	<p>KEY PLAN</p>

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LEGEND

- INDICATES NEW STUD WALLS
- INDICATES EXISTING STUD WALLS
- INDICATES METAL STUD WALLS BELOW
- NOT IN SCOPE, EXISTING TO REMAIN

KEYED NOTES

GOOD SHEPHERD LUTHERAN CHURCH #01 Kenwood Rd. Cincinnati, OH 45236

VISIONEERING STUDIOS Architecture
 100 West 4th Street, Suite 600
 Santa Ana, CA 92701

SCHEMATIC DESIGN

DATE: 01/13/2026
 PROJECT CODE: 25806

WORSHIP BUILDING
FIRST FLOOR DIMENSION PLAN

Sheet No. **A-2.3**

FIRST FLOOR DIMENSION PLAN SCALE 3/32" = 1'-0" 1

