

PROPOSED LEGEND

- STM STORM SEWER PIPE
- CATCH BASIN
- ▣ CURB INLET
- MANHOLE
- STORM SEWER CLEANOUT
- HEADWALL
- SAN SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- W WATERLINE PIPE
- FIRE HYDRANT
- WATER VALVE
- FIRE DEPARTMENT CONNECTION

UTILITY PLAN CODED NOTES

- 1 CONNECTION TO EXISTING WATER MAIN
- 2 PROPOSED DUAL SERVICE WATER METER PIT
- 3 6" FIRE WATER LINE, CONFIRM SIZE AND LOCATION ON MEP PLANS
- 4 3" DOMESTIC WATER LINE, CONFIRM SIZE AND LOCATION ON MEP PLANS AND WITH FIRE SUPPRESSION ENGINEER
- 5 PROPOSED FIRE HYDRANT
- 6 PROPOSED WATER VALVE
- 7 DOWNSPOUT CONNECTION
- 8 CONNECT TO EXISTING SANITARY NETWORK. SEE SANITARY MAIN EXTENSION PLANS
- 9 SANITARY LATERAL CONNECTION TO PROPOSED SANITARY MAIN EXTENSION
- 10 DETENTION OUTFALL STRUCTURE
- 11 CONNECTION TO EXISTING GAS MAIN
- 12 PROPOSED 2" GAS LINE, CONFIRM SIZE AND LOCATION ON MEP PLANS
- 13 PROPOSED DUKE ENERGY UTILITY POLE, CONFIRM LOCATION ON MEP PLANS
- 14 CONNECTION TO EXISTING ELECTRIC LINE
- 15 PROPOSED 4" UNDERGROUND ELECTRIC LINE, CONFIRM SIZE AND LOCATION ON MEP PLANS
- 16 PROPOSED 1" UNDERGROUND ELECTRIC LINE TO POWER DUAL SERVICE METER PIT, CONFIRM SIZE AND LOCATION ON MEP PLANS
- 17 DUKE SWITCHGEAR CABLE PIT
- 18 TRANSFORMER PAD, CONFIRM LOCATION ON MEP PLANS
- 19 CONNECTION TO EXISTING TELECOMMUNICATIONS LINE
- 20 PROPOSED 4" UNDERGROUND TELECOMMUNICATIONS LINE, CONFIRM SIZE AND LOCATION ON MEP PLANS
- 21 COMMUNICATION PULL BOX
- 22 RELOCATED EXISTING FIRE HYDRANT
- 23 EXISTING WATER VALVE TO BE ADJUSTED TO FINISHED GRADE. SEE GRADING PLAN FOR ELEVATIONS
- 24 EXISTING CURB INLET TO BE ADJUSTED TO FINISHED GRADE AND TO HAVE TOP REPLACE WITH GRATE. SEE GRADING PLAN FOR ELEVATIONS
- 25 METER PIT DRAIN LINE

UTILITY PLAN NOTES

1. SANITARY MAIN EXTENSION ALIGNMENT, DEPTH, AND SIZES ARE SUBJECT TO CHANGE. SEE SANITARY MAIN EXTENSION PLANS FOR FULL DESIGN.



| NO. | DATE | DESCRIPTION |
|-----|------------|-------------|
| 1 | 04-28-2026 | PERMIT SET |

SUBURBAN ACCESSORIES
 INDUSTRIAL DRIVE
 FRANKLIN, OH 45005

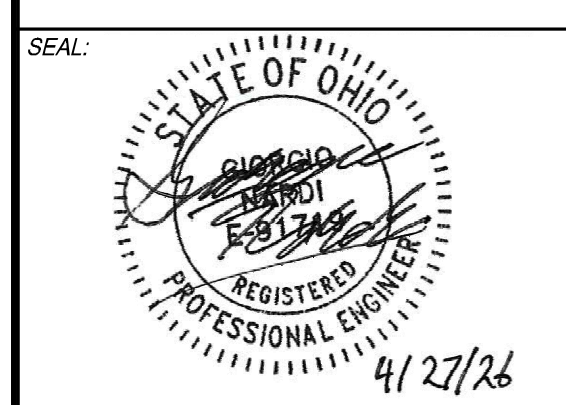
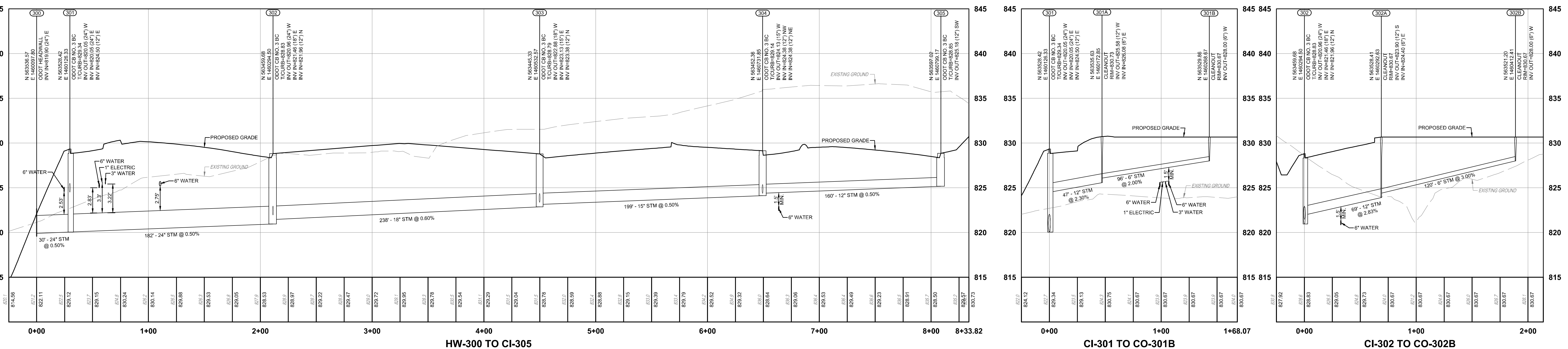
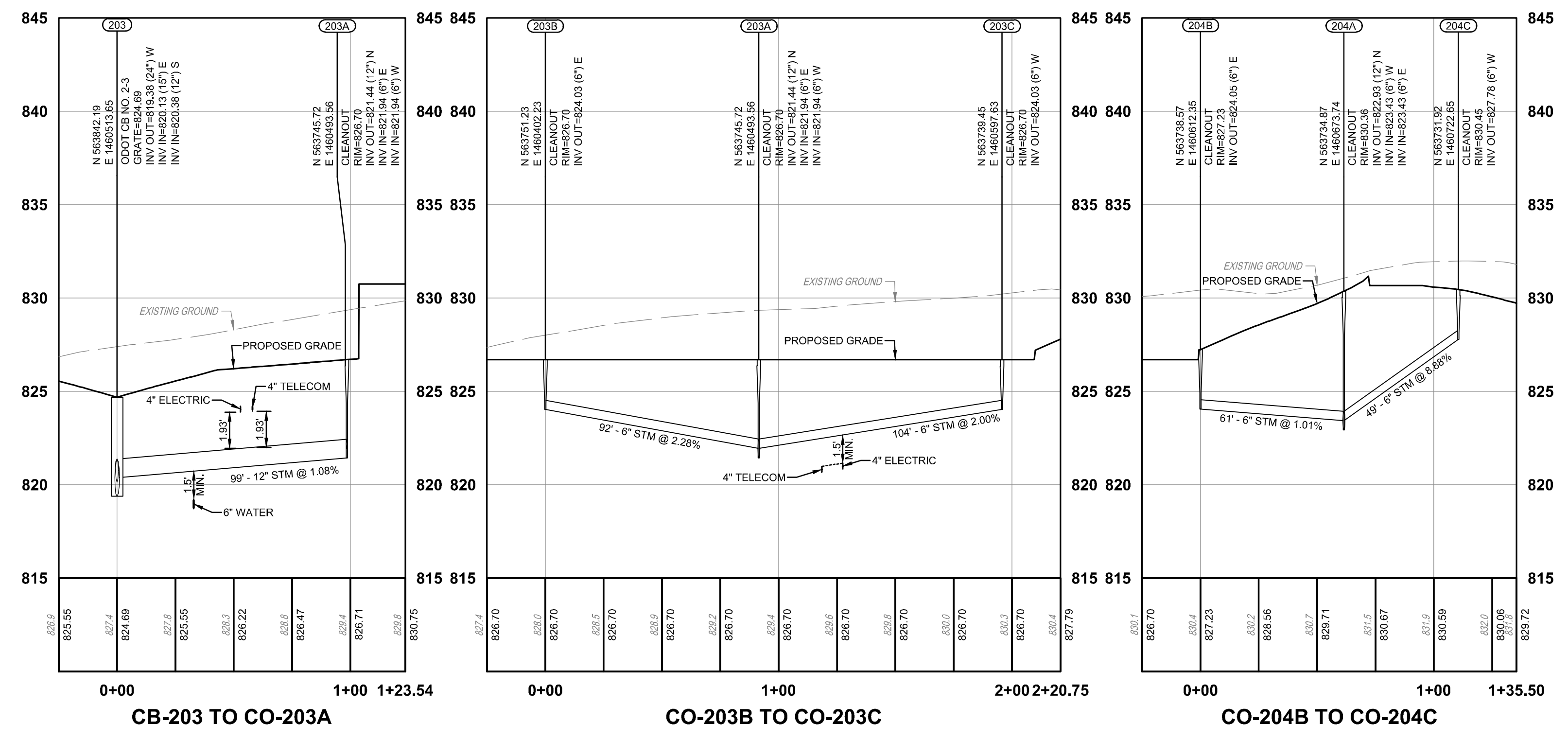
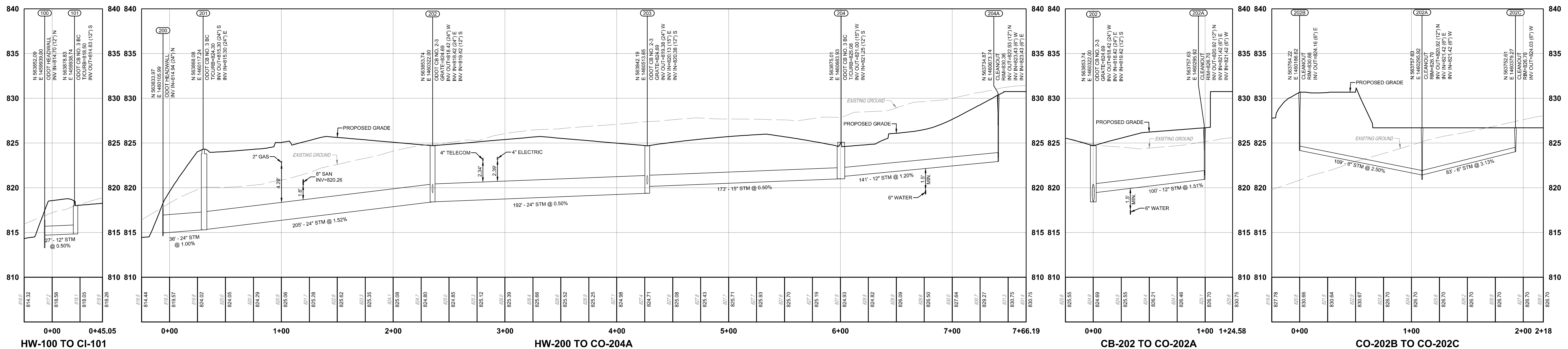
| | |
|-------------|------------|
| PROJECT NO: | 200295.005 |
| DATE: | 04-28-2026 |
| SCALE: | 1" = 40' |

UTILITY PLAN
SANITARY MAIN
EXTENSION B

C401B



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 1-800-363-5764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

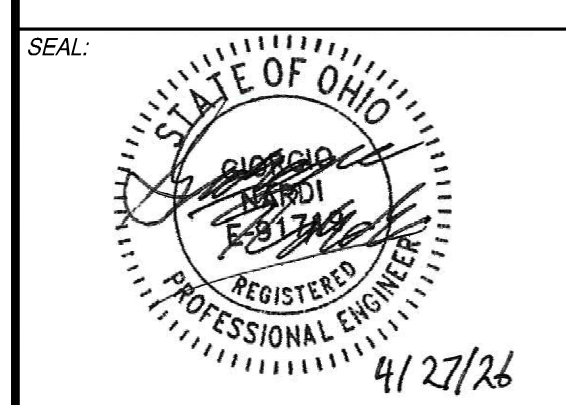
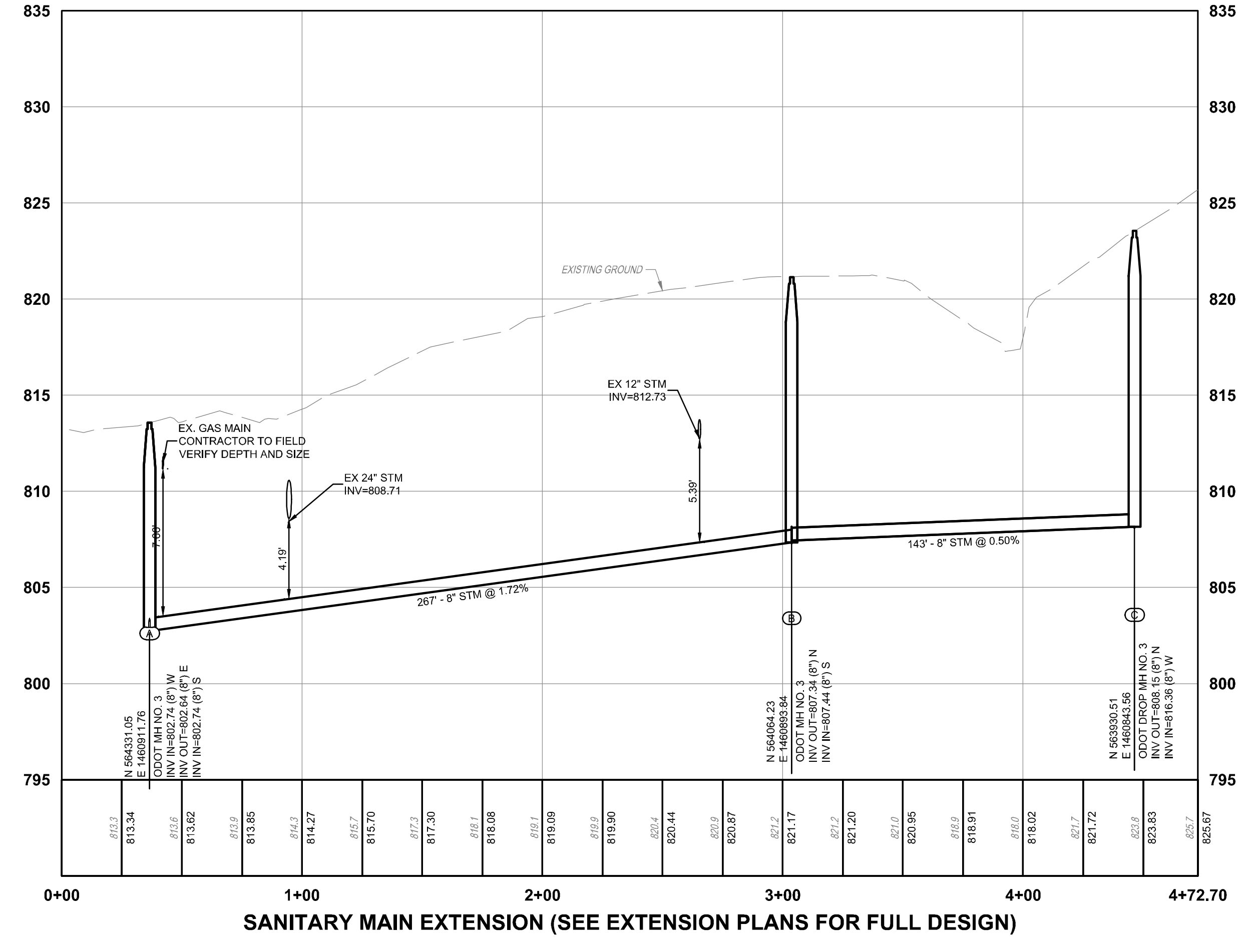
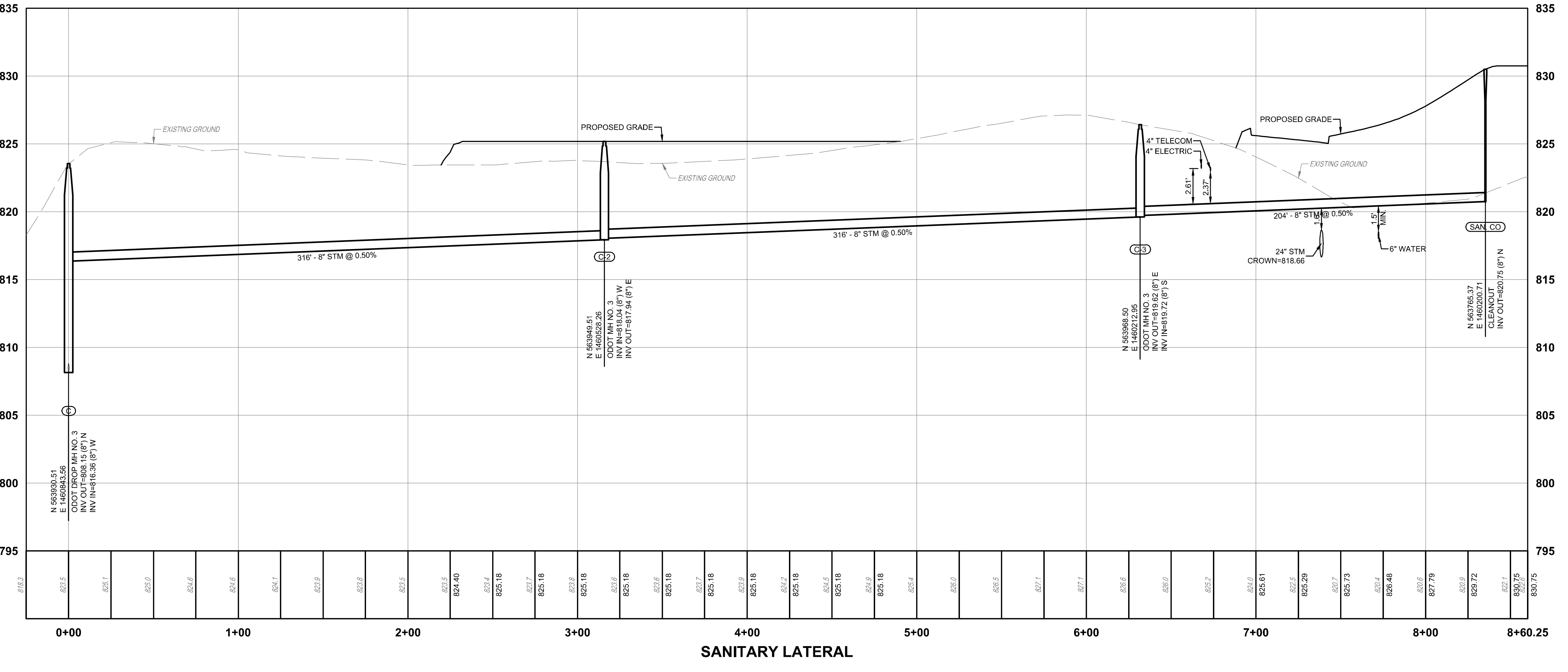
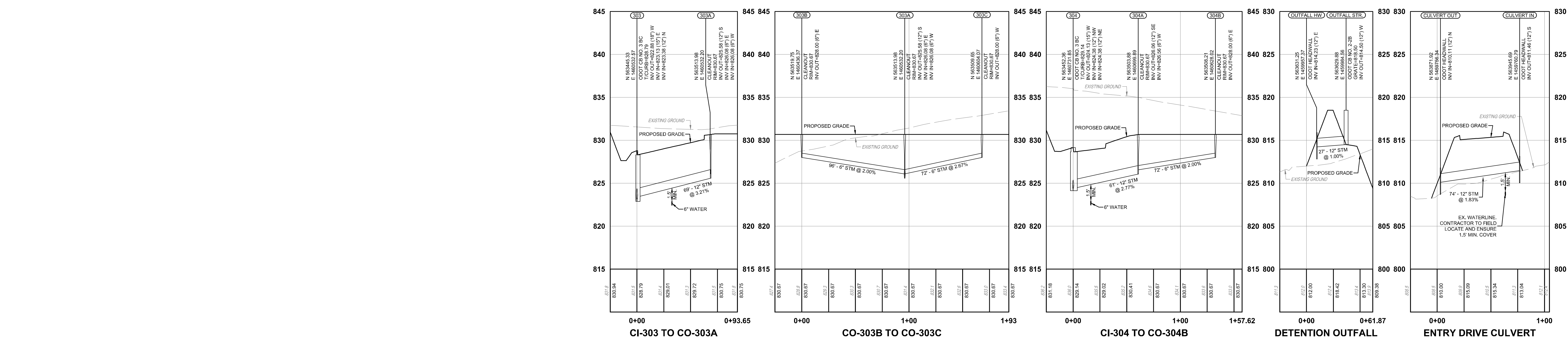


| NO. | DATE | DESCRIPTION |
|-----|------------|-------------|
| 1 | 04-28-2026 | PERMIT SET |

SUBURBAN ACCESSORIES
 INDUSTRIAL DRIVE
 FRANKLIN, OH 45005

PROJECT NO: 200295.005
 DATE: 04-28-2026
 SCALE: 1" = 20', 1" = 40', 1" = 80'
 SHEET NAME:

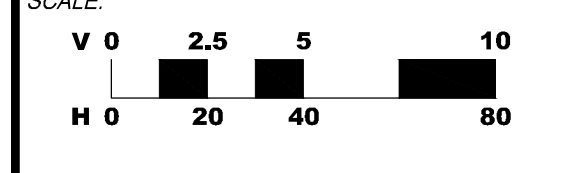
UTILITY PROFILES
 SHEET NO:
C410



NO. DATE DESCRIPTION
 1 04-28-2026 PERMIT SET

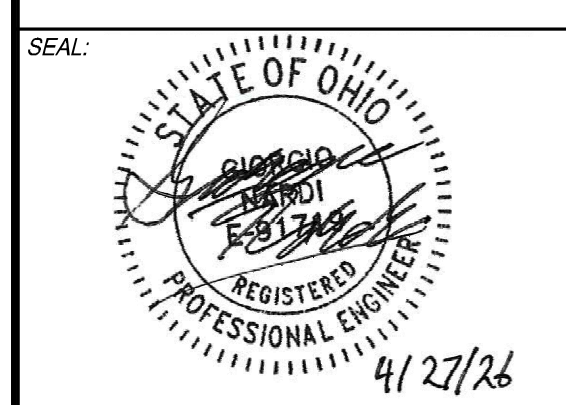
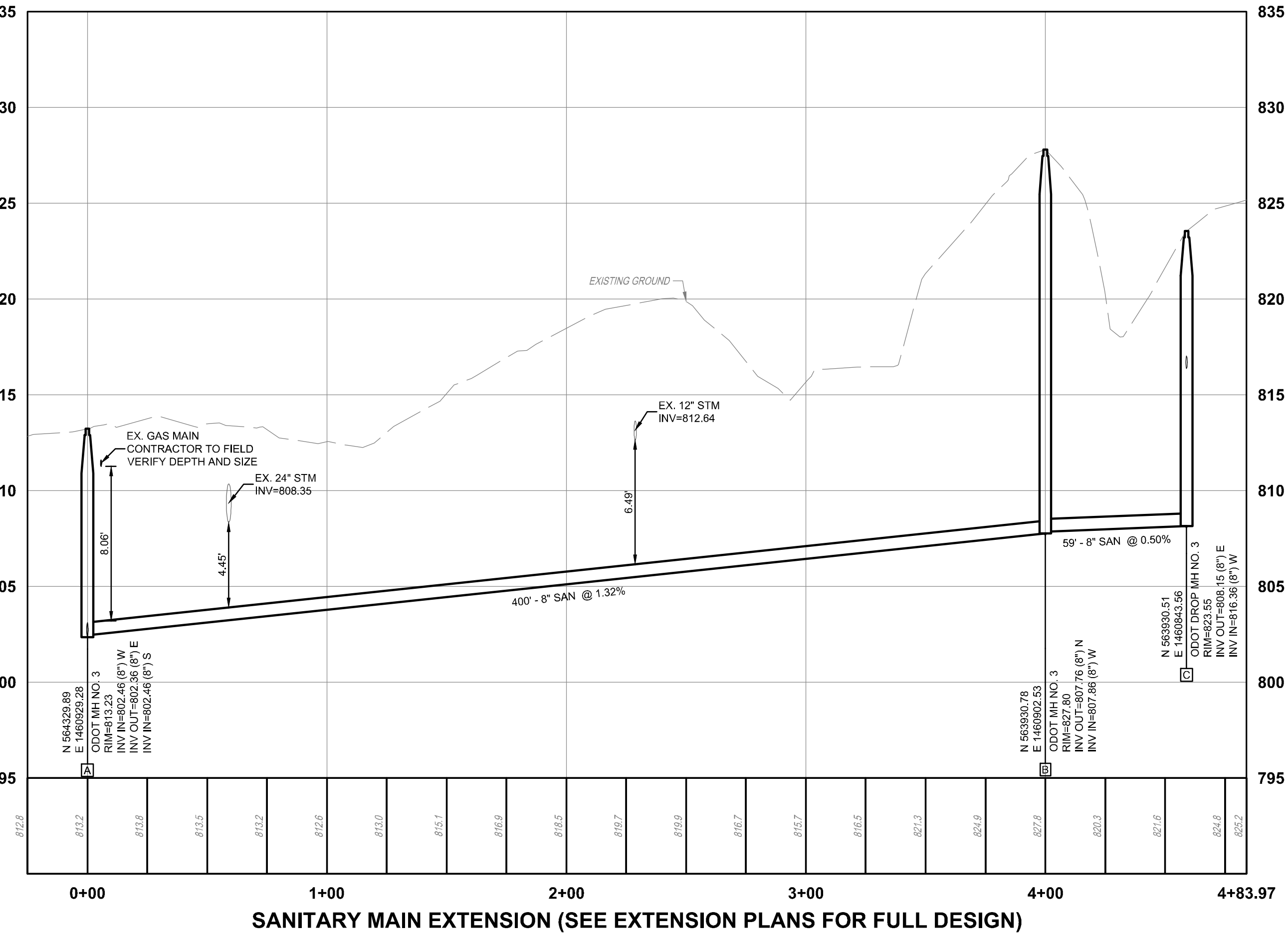
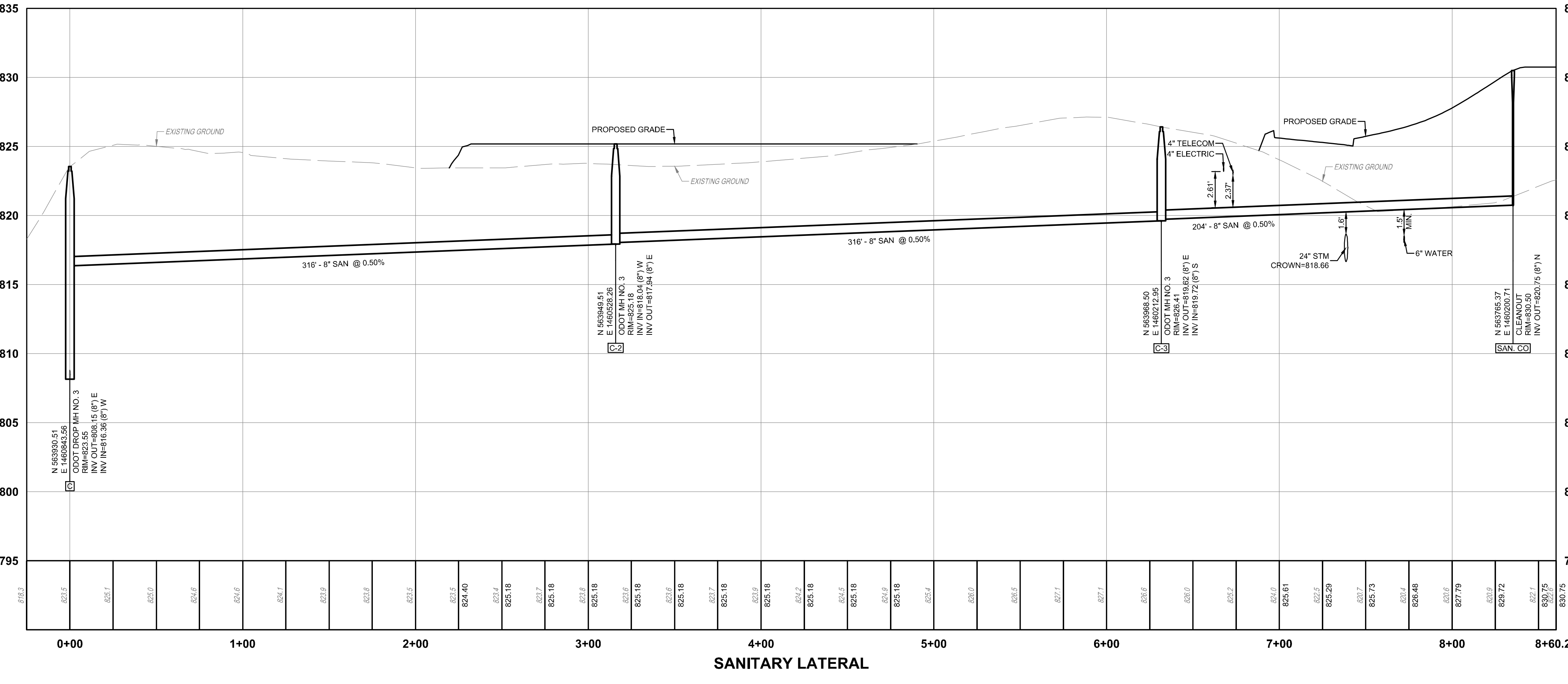
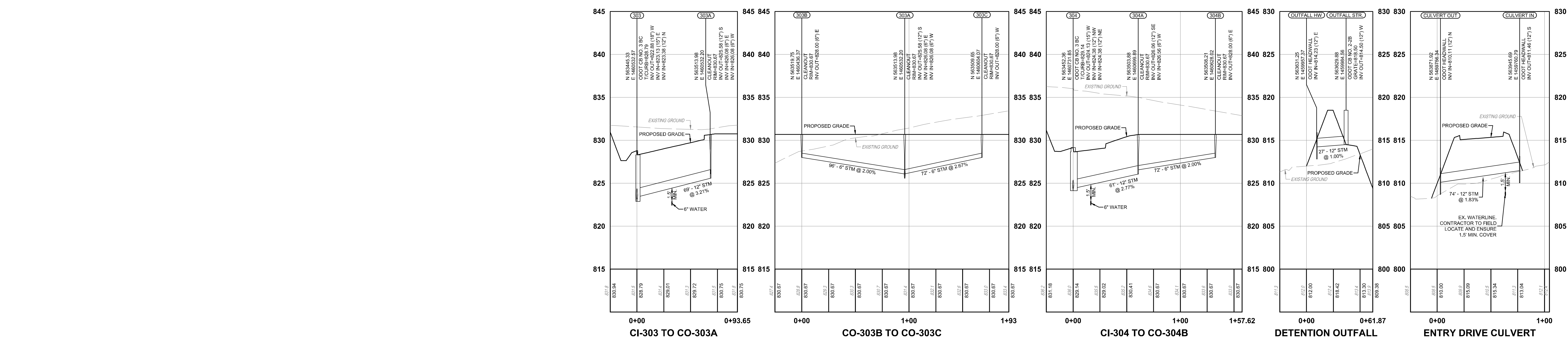
SUBURBAN ACCESSORIES
 INDUSTRIAL DRIVE
 FRANKLIN, OH 45005

PROJECT NO: 200295.005
 DATE: 04-28-2026



SHEET NAME:
UTILITY PROFILES A

SHEET NO.
C411A



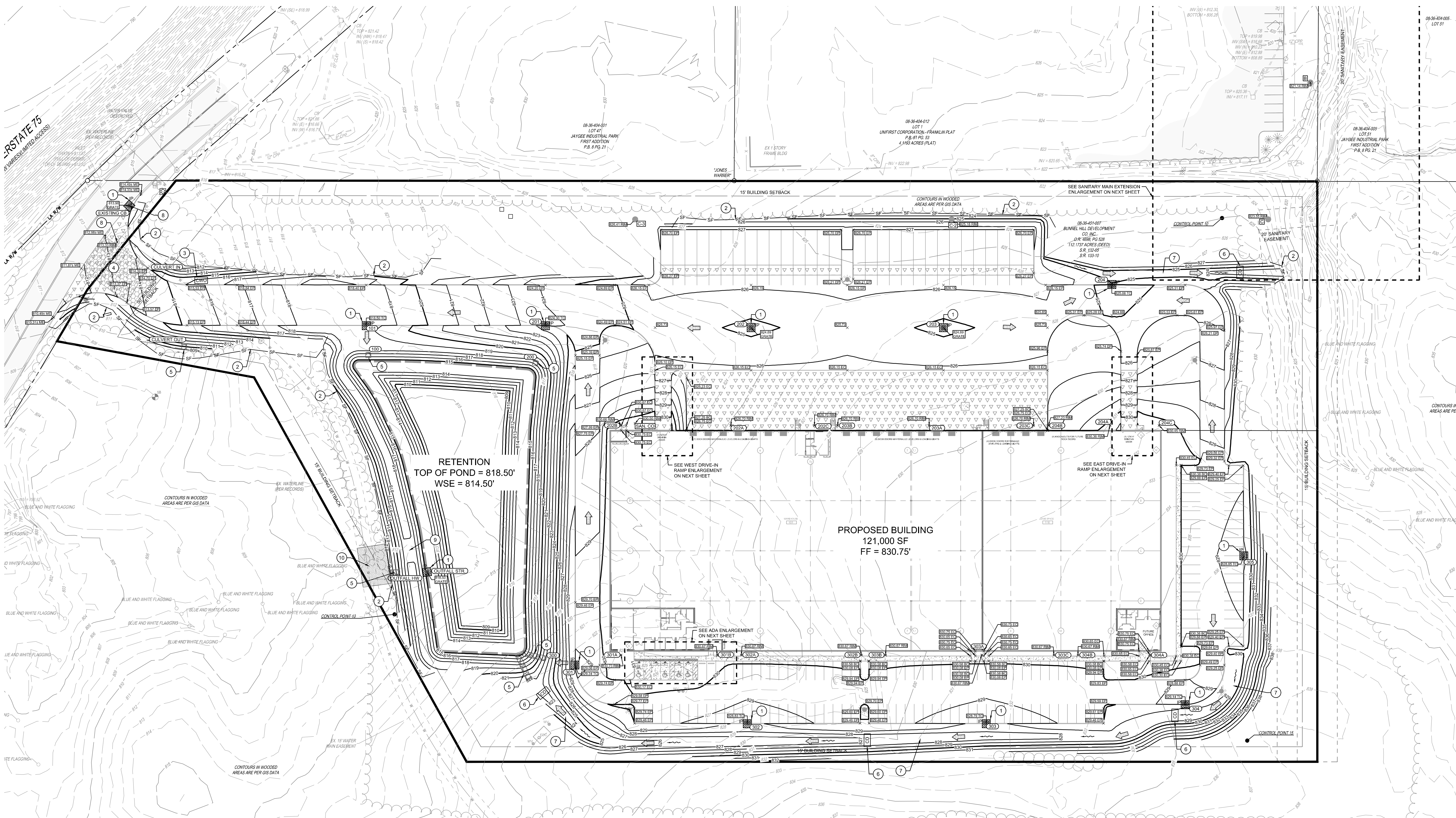
NO. DATE DESCRIPTION
 1 04-28-2026 PERMIT SET

SUBURBAN ACCESSORIES
 INDUSTRIAL DRIVE
 FRANKLIN, OH 45005

PROJECT NO: 200295.005
 DATE: 04-28-2026
 SCALE:
 V 0 2.5 5 10
 H 0 20 40 80

SHEET NAME:
UTILITY PROFILES B

SHEET NO.
C411B



THE KLEINGERS GROUP
 CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE
 www.kleingers.com
 6219 Centre Park Dr. West Chester, OH 45069
 513.779.7851

SEAL:

NO. DATE DESCRIPTION
 1 04-28-2026 PERMIT SET

SPOT ELEVATION LEGEND

- × 1215.00 FINISHED GRADE ELEVATION
- × 1215.00 BC BACK OF CURB ELEVATION
- × 1215.00 EC EDGE OF CONCRETE ELEVATION
- × 1215.00 EP EDGE OF PAVEMENT ELEVATION
- × 1215.00 RM MANHOLE / CLEANOUT RIM ELEVATION
- × 1215.00 TC STORM INLET TOP OF CASTING ELEVATION
- 1215.00 CATCH BASIN GRATE ELEVATION

CODED NOTES

- 1 INLET PROTECTION (5 CB01) (6 CB01)
- 2 SILT FENCE (3 CB01)
- 3 CONCRETE WASHOUT (2 CB01)
- 4 CONSTRUCTION ENTRANCE (1 CB01)
- 5 ODOT TYPE C ROCK CHANNEL PROTECTION (4 CB01)
- 6 ROCK CHECK DAM (1 CB01)
- 7 PROPOSED SWALE
- 8 EXISTING CATCH BASIN TO BE ADJUSTED TO FINISHED GRADE
- 9 EMERGENCY SPILLWAY
- 10 FLEXAMAT ACROSS WATERLINE EASEMENT FOR EROSION REINFORCEMENT (4 CB01)

PROPOSED EROSION CONTROL LEGEND

- INLET PROTECTION (5 CB01) (6 CB01)
- SILT FENCE (3 CB01)
- CONCRETE WASHOUT (2 CB01)
- CONSTRUCTION ENTRANCE (1 CB01)
- ODOT TYPE C ROCK CHANNEL PROTECTION (4 CB01)
- ROCK CHECK DAM (1 CB01)
- FLEXAMAT (4 CB01)

GRADING LEGEND

- 1215 — EXISTING MAJOR CONTOUR
- 1216 — EXISTING MINOR CONTOUR
- 1215 — PROPOSED MAJOR CONTOUR
- 1216 — PROPOSED MINOR CONTOUR
- — PROPOSED SWALE
- — PROPOSED FLOOD ROUTE

SUBURBAN ACCESSORIES
 INDUSTRIAL DRIVE
 FRANKLIN, OH 45005

PROJECT NO: 200295.005
 DATE: 04-28-2026
 SCALE:

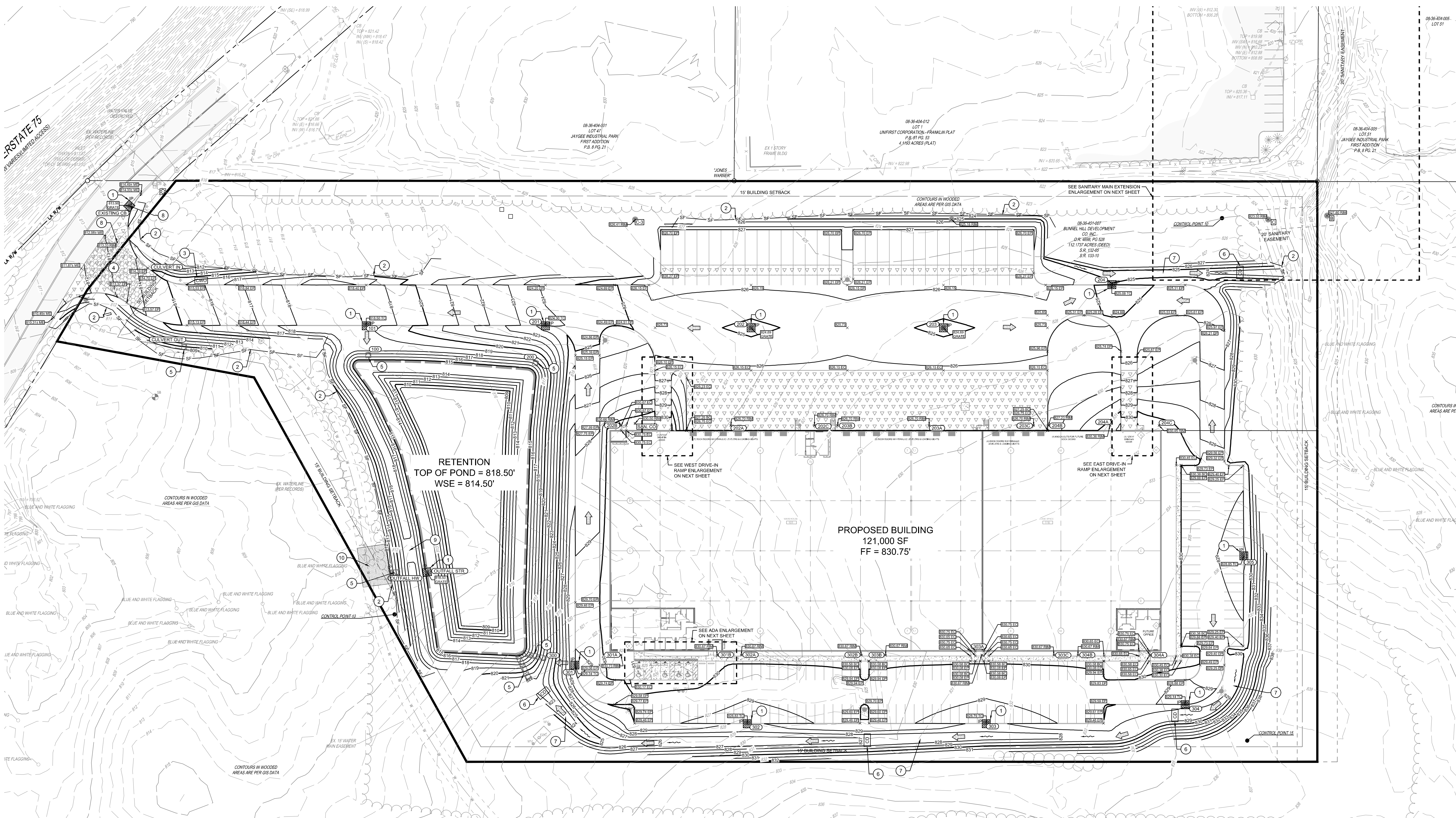
OHIO811.org
 Before You Dig

GRADING AND EROSION CONTROL PLAN A

SHEET NO. **C500A**



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 1-800-363-5768 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



SPOT ELEVATION LEGEND

- × 1215.00 FINISHED GRADE ELEVATION
- × 1215.00 BC BACK OF CURB ELEVATION
- × 1215.00 EC EDGE OF CONCRETE ELEVATION
- × 1215.00 EP EDGE OF PAVEMENT ELEVATION
- × 1215.00 RM MANHOLE / CLEANOUT RIM ELEVATION
- × 1215.00 TC STORM INLET TOP OF CASTING ELEVATION
- 1215.00 GRATE
- × GRATE CATCH BASIN GRATE ELEVATION

CODED NOTES

- ① INLET PROTECTION (C500/C600)
- ② SILT FENCE (C300)
- ③ CONCRETE WASHOUT (C600)
- ④ CONSTRUCTION ENTRANCE (C600)
- ⑤ ODOT TYPE C ROCK CHANNEL PROTECTION (C600)
- ⑥ ROCK CHECK DAM (C600)
- ⑦ PROPOSED SWALE
- ⑧ EXISTING CATCH BASIN TO BE ADJUSTED TO FINISHED GRADE
- ⑨ EMERGENCY SPILLWAY
- ⑩ FLEXAMAT ACROSS WATERLINE EASEMENT FOR EROSION REINFORCEMENT (C600)

PROPOSED EROSION CONTROL LEGEND

- IP INLET PROTECTION (C500/C600)
- SF SILT FENCE (C300)
- CWO CONCRETE WASHOUT (C600)
- CE CONSTRUCTION ENTRANCE (C600)
- CRP ODOT TYPE C ROCK CHANNEL PROTECTION (C600)
- CD ROCK CHECK DAM (C600)
- CB FLEXAMAT (C600)

GRADING LEGEND

- 1215 — EXISTING MAJOR CONTOUR
- 1216 — EXISTING MINOR CONTOUR
- 1215 — PROPOSED MAJOR CONTOUR
- 1216 — PROPOSED MINOR CONTOUR
- — PROPOSED SWALE
- PROPOSED FLOOD ROUTE

THE KLEINGERS GROUP
 CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE
 www.kleingers.com
 6219 Centre Park Dr. West Chester, OH 45069
 513.779.7851

STATE OF OHIO
 PROFESSIONAL ENGINEER
 412726

| NO. | DATE | DESCRIPTION |
|-----|------------|-------------|
| 1 | 04-28-2026 | PERMIT SET |

SUBURBAN ACCESSORIES
 INDUSTRIAL DRIVE
 FRANKLIN, OH 45005

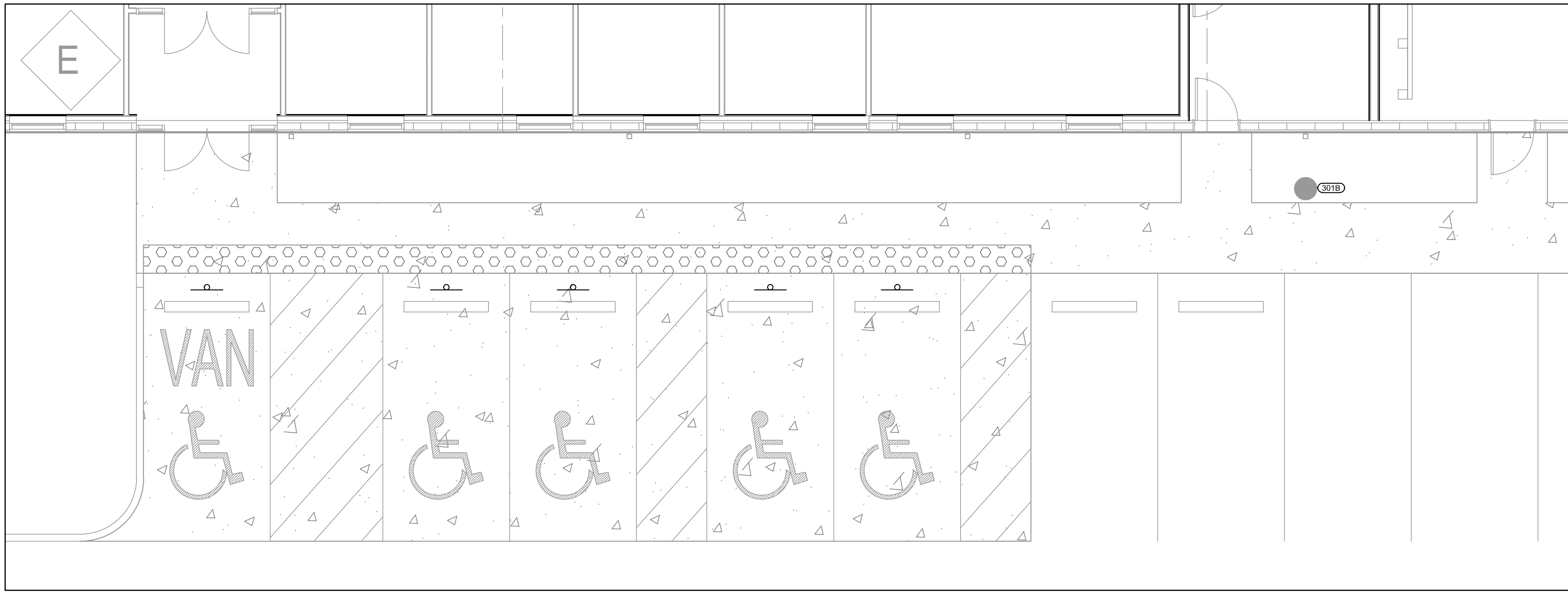
PROJECT NO: 200295.005
 DATE: 04-28-2026
 SCALE: 1" = 40'

GRADING AND EROSION CONTROL PLAN B

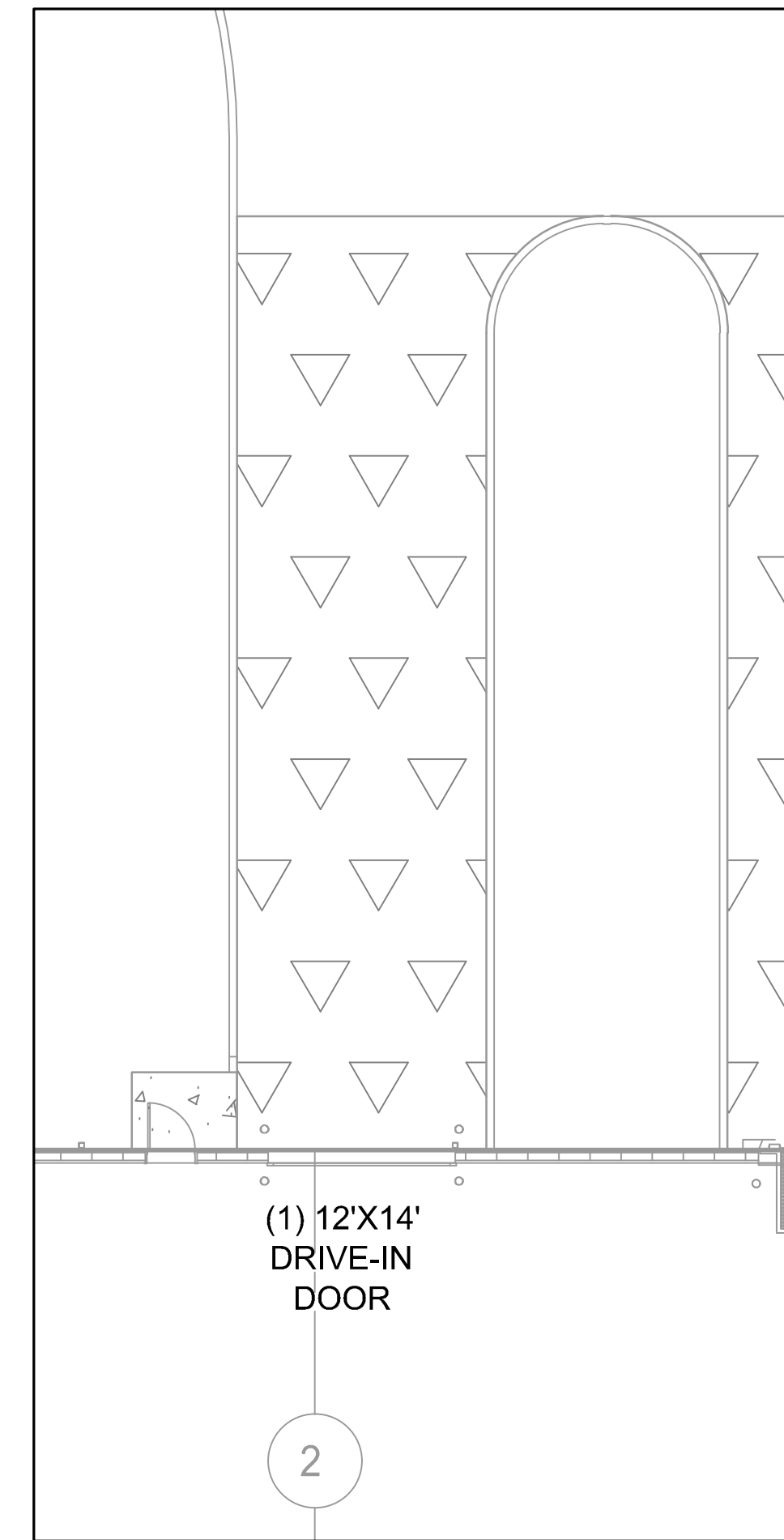
C500B



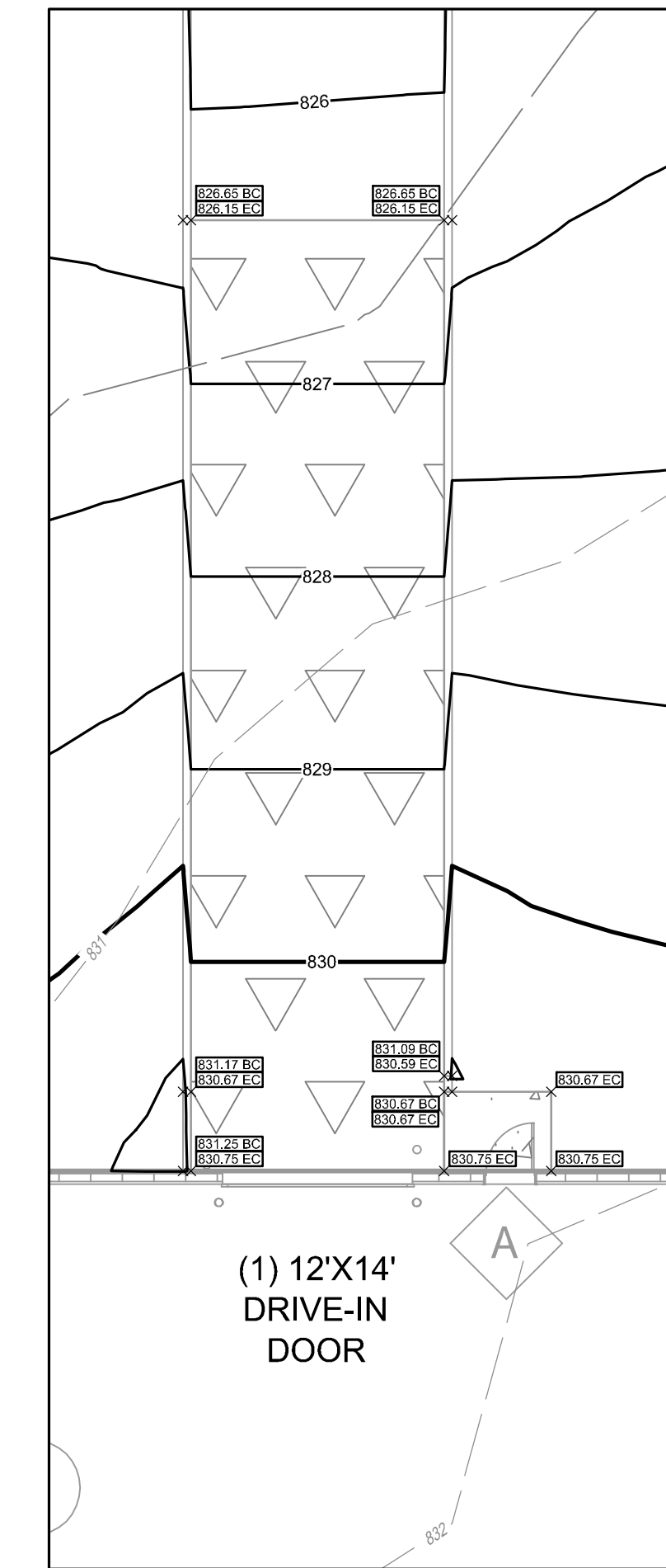
NOTE:
 UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-368-5768 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



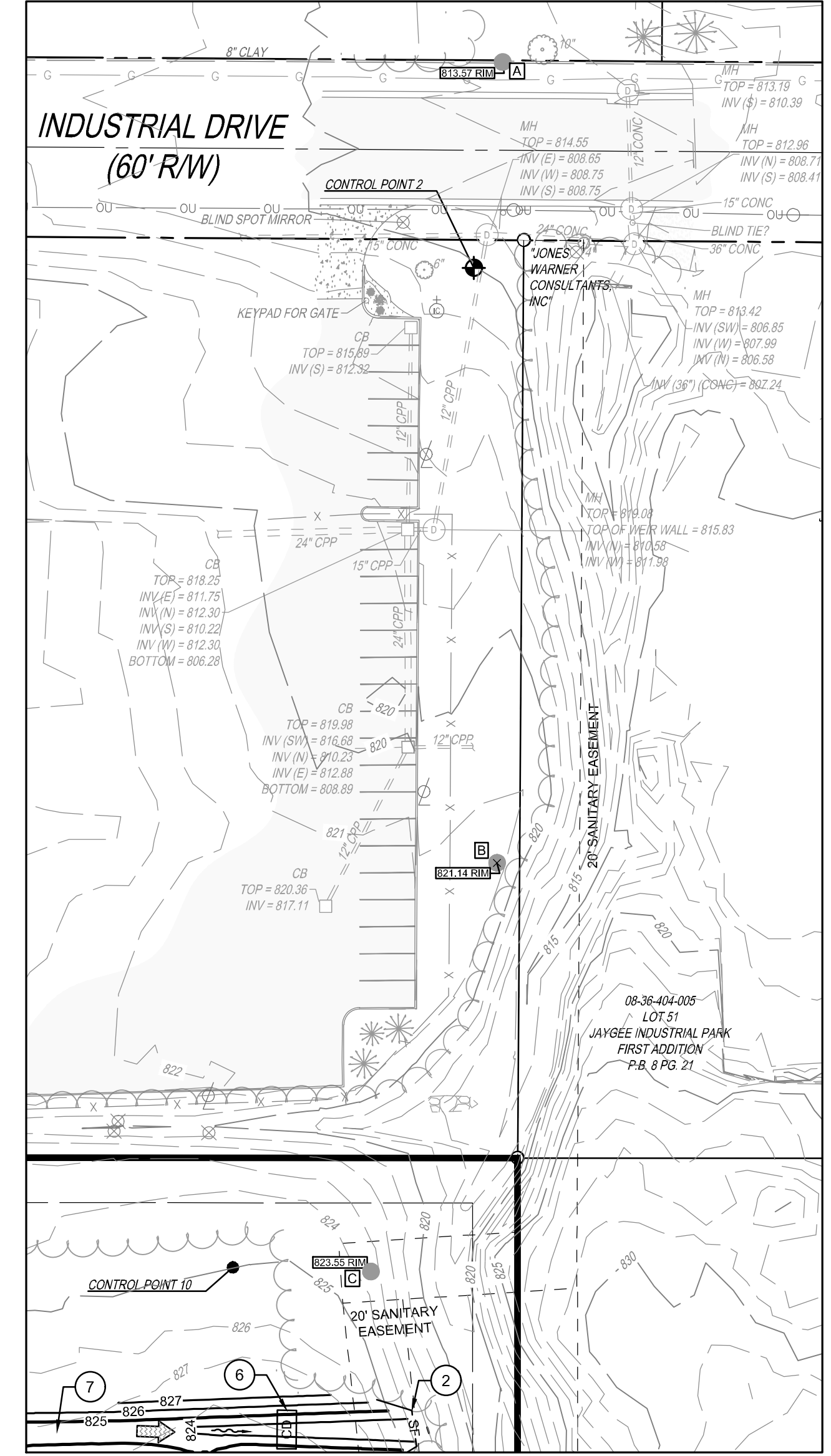
ADA PARKING ENLARGEMENT



WEST DRIVE-IN RAMP ENLARGEMENT



EAST DRIVE-IN RAMP ENLARGEMENT



SANITARY MAIN EXTENSION ENLARGEMENT
SEE EXTENSION PLANS FOR FULL DESIGN

SPOT ELEVATION LEGEND

- × 1215.00 FINISHED GRADE ELEVATION
- × 1215.00 BC BACK OF CURB ELEVATION
- × 1215.00 EC EDGE OF CONCRETE ELEVATION
- × 1215.00 EP EDGE OF PAVEMENT ELEVATION
- × 1215.00 RMH MANHOLE / CLEANOUT RIM ELEVATION
- × 1215.00 TC STORM INLET TOP OF CASTING ELEVATION
- × 1215.00 GRATE CATCH BASIN GRATE ELEVATION

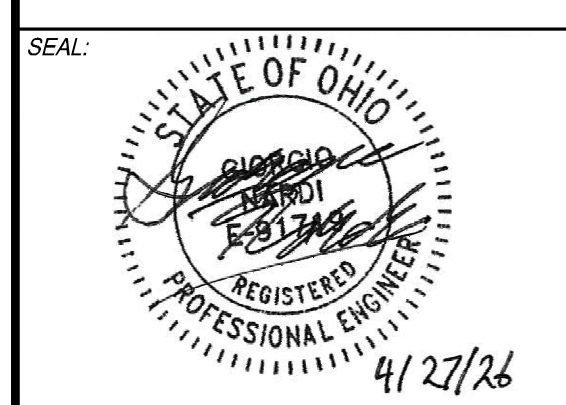
- CODED NOTES**
- 1 INLET PROTECTION (5, 6, C801)
 - 2 SILT FENCE (3, C801)
 - 3 CONCRETE WASHOUT (2, C801)
 - 4 CONSTRUCTION ENTRANCE (1, C801)
 - 5 ODOT TYPE C ROCK CHANNEL PROTECTION (4, C801)
 - 6 ROCK CHECK DAM (7, C801)
 - 7 PROPOSED SWALE
 - 8 EXISTING CATCH BASIN TO BE ADJUSTED TO FINISHED GRADE
 - 9 EMERGENCY SPILLWAY
 - 10 FLEXAMAT ACROSS WATERLINE EASEMENT FOR EROSION REINFORCEMENT (8, C801)

PROPOSED EROSION CONTROL LEGEND

- [Symbol] INLET PROTECTION (5, 6, C801)
- [Symbol] SILT FENCE (3, C801)
- [Symbol] CONCRETE WASHOUT (2, C801)
- [Symbol] CONSTRUCTION ENTRANCE (1, C801)
- [Symbol] ODOT TYPE C ROCK CHANNEL PROTECTION (4, C801)
- [Symbol] ROCK CHECK DAM (7, C801)
- [Symbol] FLEXAMAT (8, C801)

GRADING LEGEND

- 1215 — EXISTING MAJOR CONTOUR
- 1216 — EXISTING MINOR CONTOUR
- 1215 — PROPOSED MAJOR CONTOUR
- 1216 — PROPOSED MINOR CONTOUR
- ~ ~ ~ PROPOSED SWALE
- ⇒ PROPOSED FLOOD ROUTE



| NO. | DATE | DESCRIPTION |
|-----|------------|-------------|
| 1 | 04-28-2026 | PERMIT SET |

SUBURBAN ACCESSORIES
INDUSTRIAL DRIVE
FRANKLIN, OH 45005

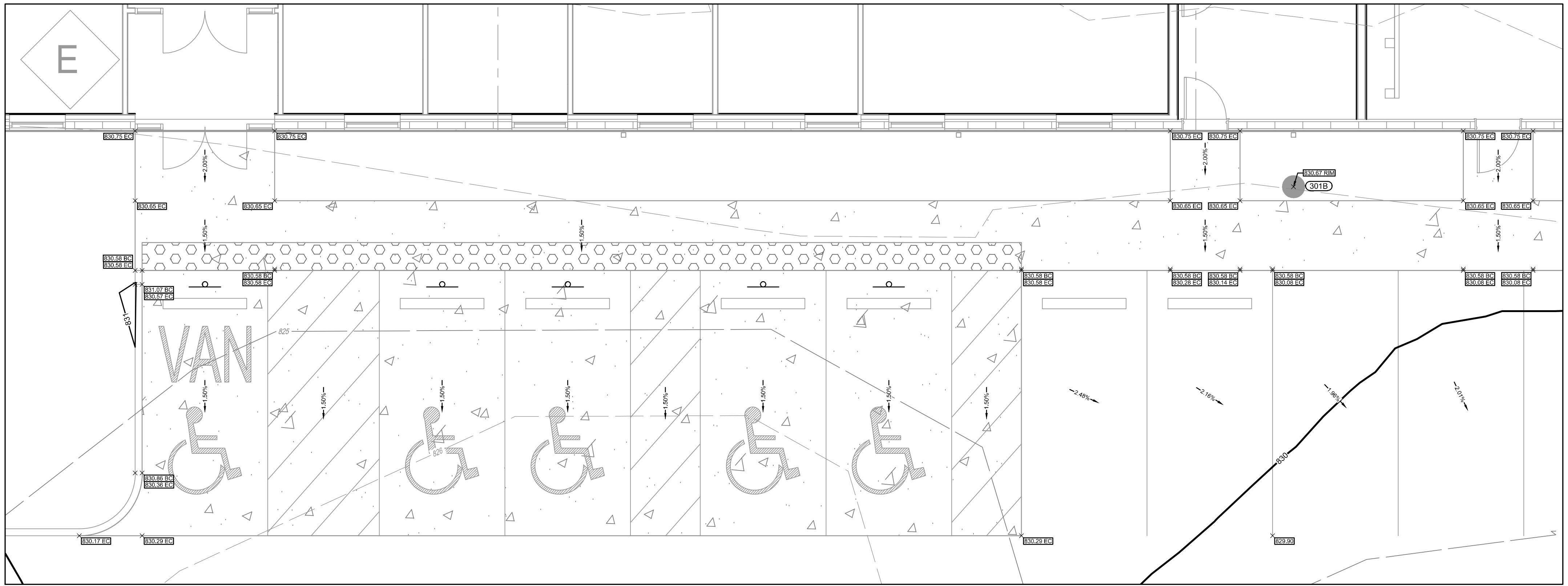
| | |
|-------------|------------|
| PROJECT NO: | 200295.005 |
| DATE: | 04-28-2026 |
| SCALE: | |

SHEET NAME:
GRADING PLAN ENLARGEMENTS A

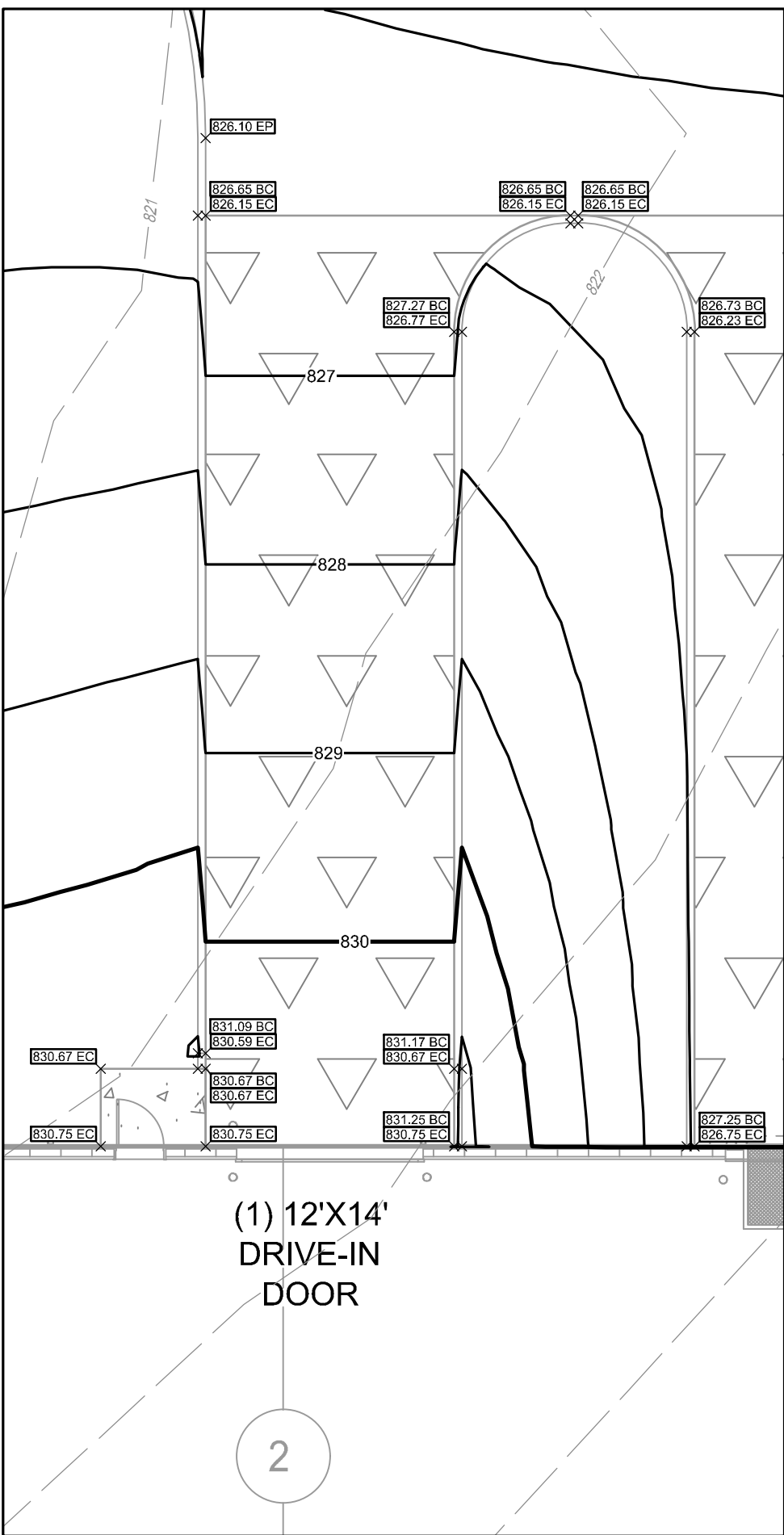
SHEET NO.
C501A



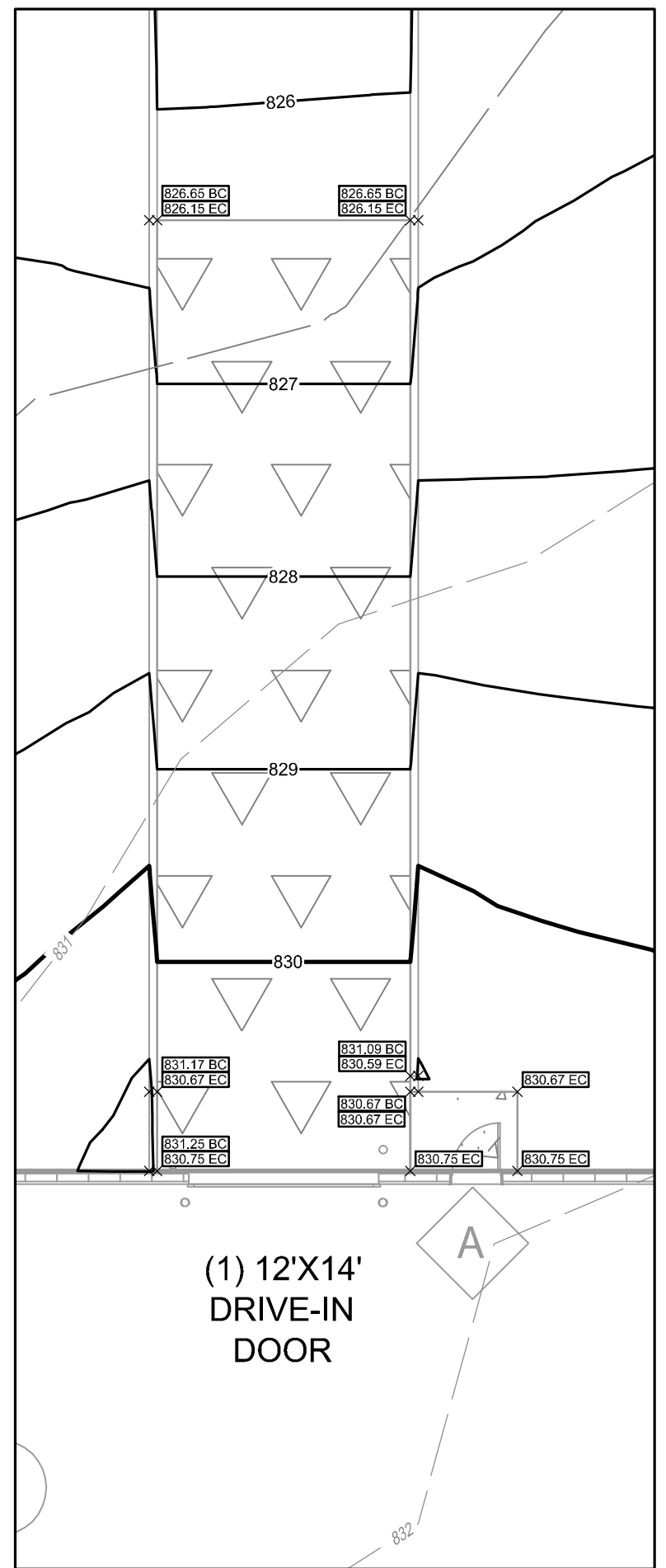
NOTE:
UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-368-5768 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



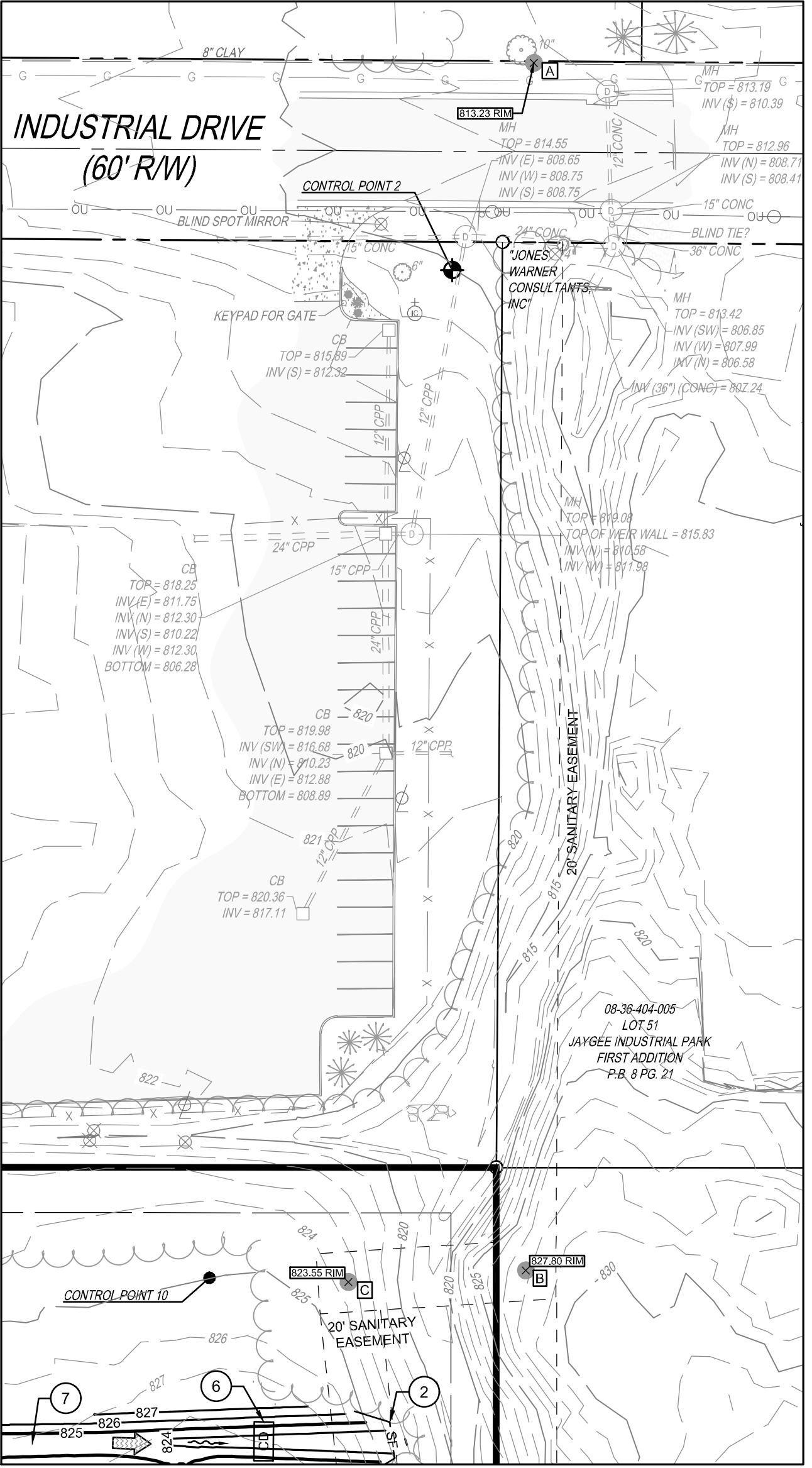
ADA PARKING ENLARGEMENT



WEST DRIVE-IN RAMP ENLARGEMENT



EAST DRIVE-IN RAMP ENLARGEMENT



SANITARY MAIN EXTENSION ENLARGEMENT
SEE EXTENSION PLANS FOR FULL DESIGN

SPOT ELEVATION LEGEND

- × 1215.00 FINISHED GRADE ELEVATION
- × 1215.00 BC BACK OF CURB ELEVATION
- × 1215.00 EC EDGE OF CONCRETE ELEVATION
- × 1215.00 EP EDGE OF PAVEMENT ELEVATION
- × 1215.00 RMH MANHOLE / CLEANOUT RIM ELEVATION
- × 1215.00 TC STORM INLET TOP OF CASTING ELEVATION
- × 1215.00 G CATCH BASIN GRATE ELEVATION

- CODED NOTES**
- 1 INLET PROTECTION (C801) (C807)
 - 2 SILT FENCE (C807)
 - 3 CONCRETE WASHOUT (C807)
 - 4 CONSTRUCTION ENTRANCE (C807)
 - 5 ODOT TYPE C ROCK CHANNEL PROTECTION (C807)
 - 6 ROCK CHECK DAM (C807)
 - 7 PROPOSED SWALE
 - 8 EXISTING CATCH BASIN TO BE ADJUSTED TO FINISHED GRADE
 - 9 EMERGENCY SPILLWAY
 - 10 FLEXAMAT ACROSS WATERLINE EASEMENT FOR EROSION REINFORCEMENT (C807)

PROPOSED EROSION CONTROL LEGEND

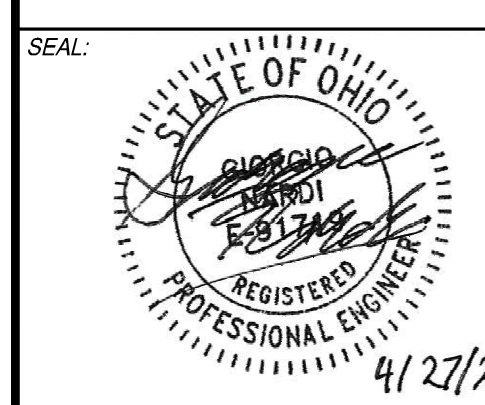
- INLET PROTECTION (C801) (C807)
- SILT FENCE (C807)
- CONCRETE WASHOUT (C807)
- CONSTRUCTION ENTRANCE (C807)
- ODOT TYPE C ROCK CHANNEL PROTECTION (C807)
- ROCK CHECK DAM (C807)
- FLEXAMAT (C807)

GRADING LEGEND

- 1215 — EXISTING MAJOR CONTOUR
- 1216 — EXISTING MINOR CONTOUR
- 1215 — PROPOSED MAJOR CONTOUR
- 1216 — PROPOSED MINOR CONTOUR
- ~ ~ ~ PROPOSED SWALE
- ➔ PROPOSED FLOOD ROUTE



CIVIL ENGINEERING www.kleingers.com
SURVEYING
LANDSCAPE ARCHITECTURE
6219 Centre Park Dr. West Chester, OH 45069
513.779.7851



NO. DATE DESCRIPTION
1 04-28-2026 PERMIT SET

SUBURBAN ACCESSORIES
INDUSTRIAL DRIVE
FRANKLIN, OH 45005

PROJECT NO: 200295.005
DATE: 04-28-2026
SCALE:

SHEET NAME:
GRADING PLAN ENLARGEMENTS B

SHEET NO.
C501B



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 1-800-368-5769 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

PROJECT DATA

PROJECT DESCRIPTION
THIS PROJECT CONSISTS OF A PROPOSED DISTRIBUTION CENTER, ASSOCIATED PARKING AND DRIVES, AND A SANITARY MAIN EXTENSION.

LATITUDE: N 39°32'1.95"
LONGITUDE: W 84°18'3.56"
ESTIMATED CONSTRUCTION DATES: 06/01/2026 - 10/01/2026

TOTAL SITE AREA: 13.72 ACRES
TOTAL DISTURBED AREA: 10.35 ACRES

EXISTING IMPERVIOUS AREA: 0.00 ACRES
PROPOSED IMPERVIOUS AREA: 6.72 ACRES
TOTAL IMPERVIOUS AREA AFTER CONSTRUCTION: 6.72 ACRES
IMPERVIOUS SURFACE PERCENTAGE: 48.98%

PRE-CONSTRUCTION RUNOFF COEFFICIENT: C=0.50
POST-CONSTRUCTION RUNOFF COEFFICIENT: C=0.70

IMMEDIATE RECEIVING WATERMS4: TOMMY'S RUN - CLEAR CREEK
ULTIMATE RECEIVING STREAM: GREAT MIAMI RIVER

EXISTING LAND USE: VACANT ROWCROP

SOILS:
DaB; DANA SILT LOAM, 2-6% SLOPES
Mpc2; MIAMIAN-RUSSELL SILT LOAMS, 6-12% SLOPES, ERODED
RvB; RUSSELL-MIAMIAN SILT LOAMS, 2-6% SLOPES
RvB2; RUSSELL-MIAMIAN SILT LOAMS, 2-6% SLOPES, MODERATELY ERODED
URvB; URBAN LAND-RUSSELL-MIAMIAN COMPLEX, 2-6% SLOPES
UsUXf; URBAN LAND-UDORTHERTS COMPLEX, SMOOTHED, 0-50% SLOPES

CONSTRUCTION SEQUENCE

TO COMPLETE THE EXCAVATION AND CONSTRUCTION OF THE PROPOSED JOB IMPROVEMENTS, COORDINATION OF THE CONTRACTORS 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 HOPE OFF AREA.
- 2) STOP THE SPILL.
- 3) USE SORBENT MATERIALS, PLUG PUTTY, OR ROLE PUTTY AS NECESSARY TO CONTROL THE SPILL AT THE SOURCE.
- 4) CONSTRUCT A TEMPORARY CONTAINMENT DIKE OF SORBENT MATERIALS OR DIRT TO CONTAIN SPILL.

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

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

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

EMERGENCY CONTACTS:

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

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR 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 SWP3 NECESSARY AND IMPLEMENTATION DATES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPs SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 106.07.

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 HALL 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: XXXXXXXX

DATE OF ISSUE: XX/XX/XXXX



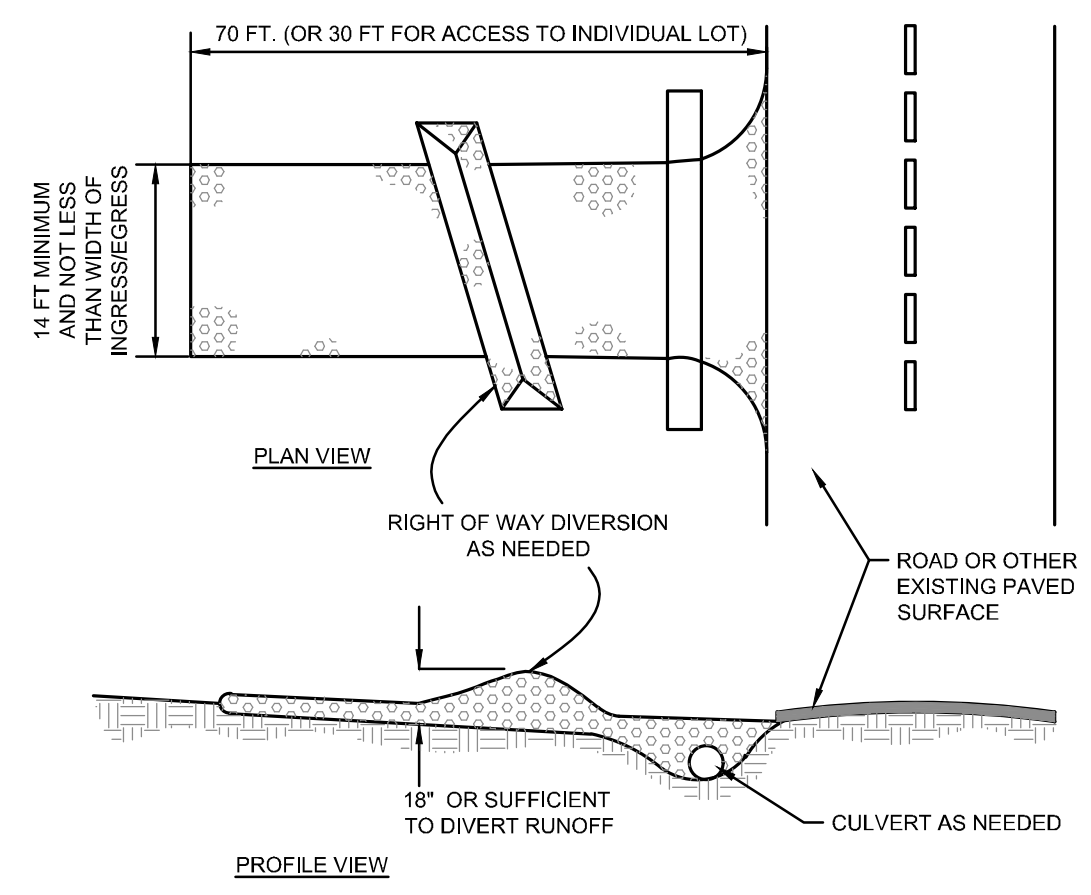
| NO. | DATE | DESCRIPTION |
|-----|------------|-------------|
| 1 | 04-28-2026 | PERMIT SET |

SUBURBAN ACCESSORIES INDUSTRIAL DRIVE FRANKLIN, OH 45005

PROJECT NO: 200295.005
DATE: 04-28-2026
SCALE:

EROSION CONTROL NOTES

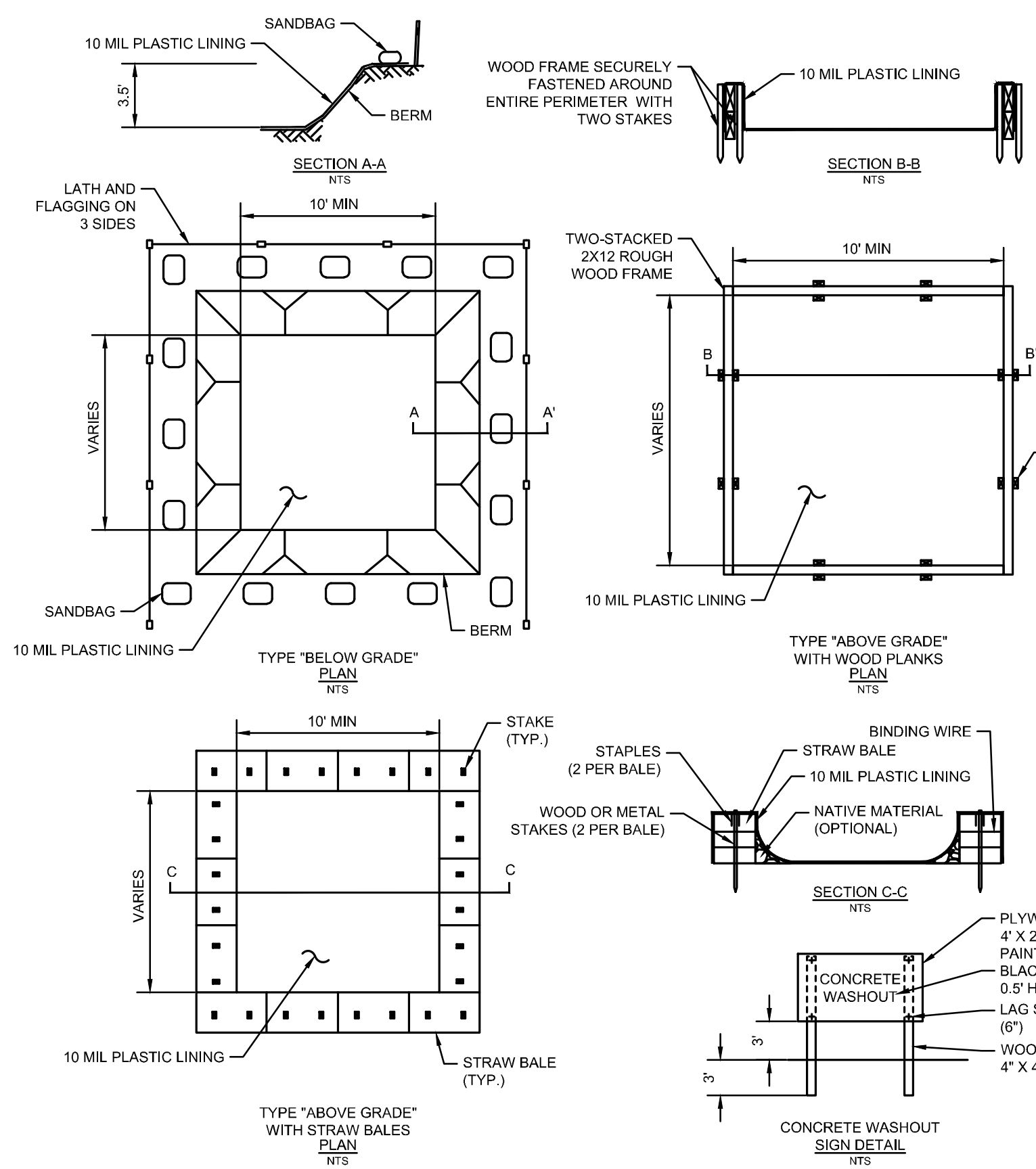
SHEET NO:
C600



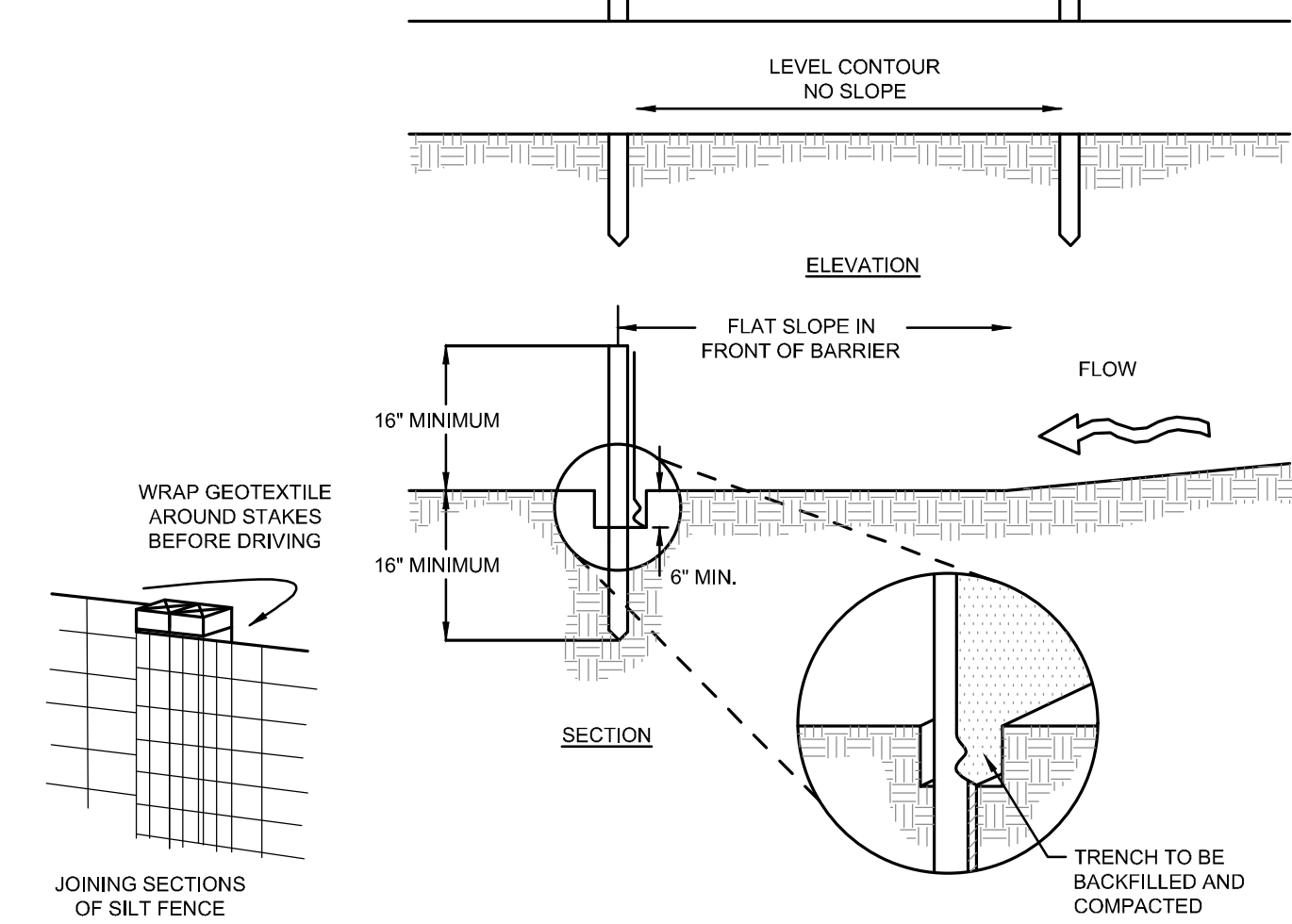
- NOTES:
- STONE SIZE - 0007 #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH - THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS POSSIBLE TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION: APPLY 30 FT. MINIMUM TO SINGLE RESIDENTIAL LOTS).
 - THICKNESS - THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
 - WIDTH - THE ENTRANCE SHALL BE AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 - 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 BURST STRENGTH | 50 PSI |
| MINIMUM ELONGATION | 20% |
| EQUIVALENT OPENING SIZE | EQS 6.0MM |
| PERMITTIVITY | 1X10 ⁵ CM/SEC |
 - TIMING - THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICABLE BEFORE MAJOR GRADING ACTIVITIES.
 - 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.
 - 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.
 - 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 REPAIRING 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.
 - 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.
 - REMOVAL - THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

1 CONSTRUCTION ENTRANCE DETAIL
N.T.S.

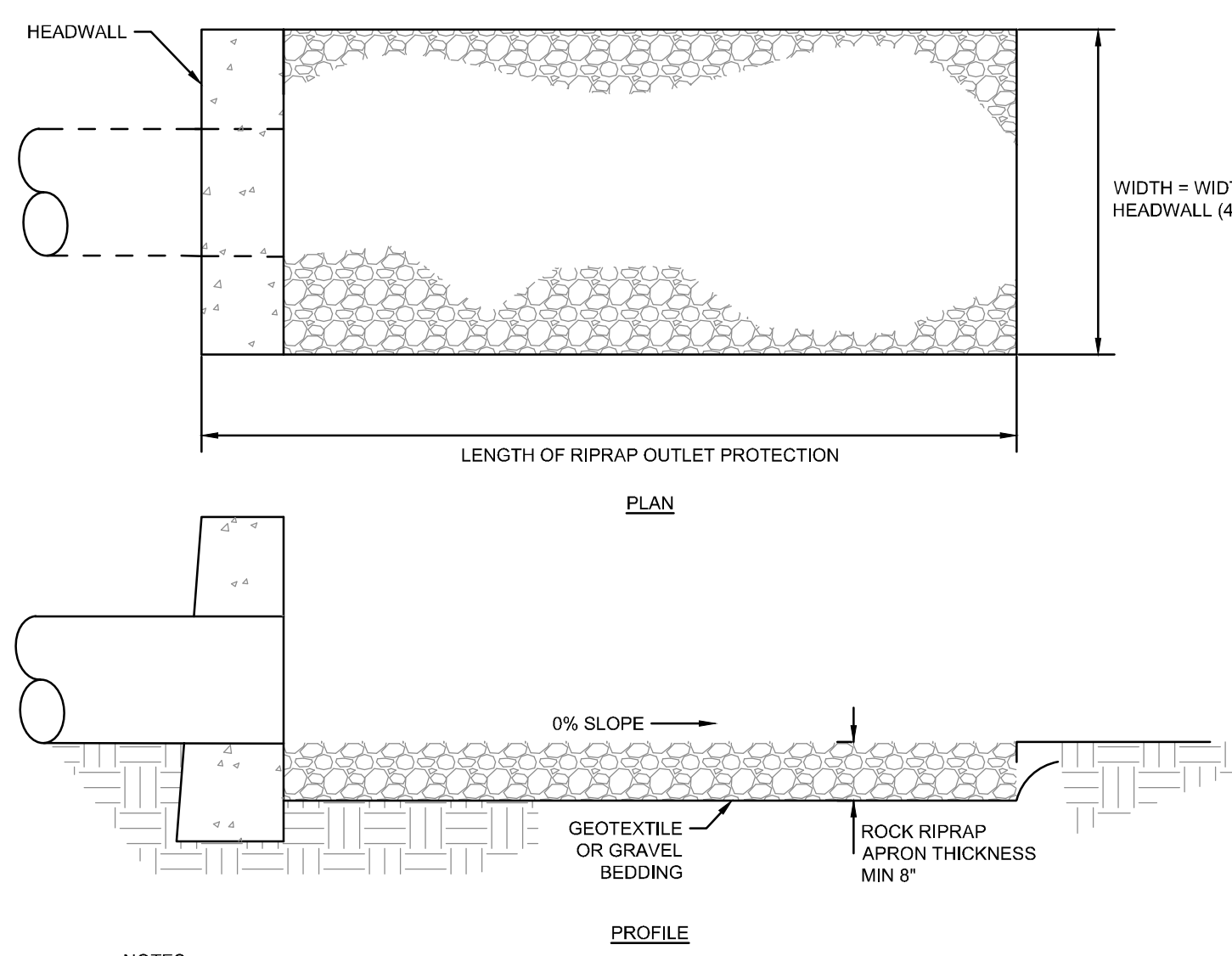


2 CONCRETE WASHOUT DETAIL
N.T.S.



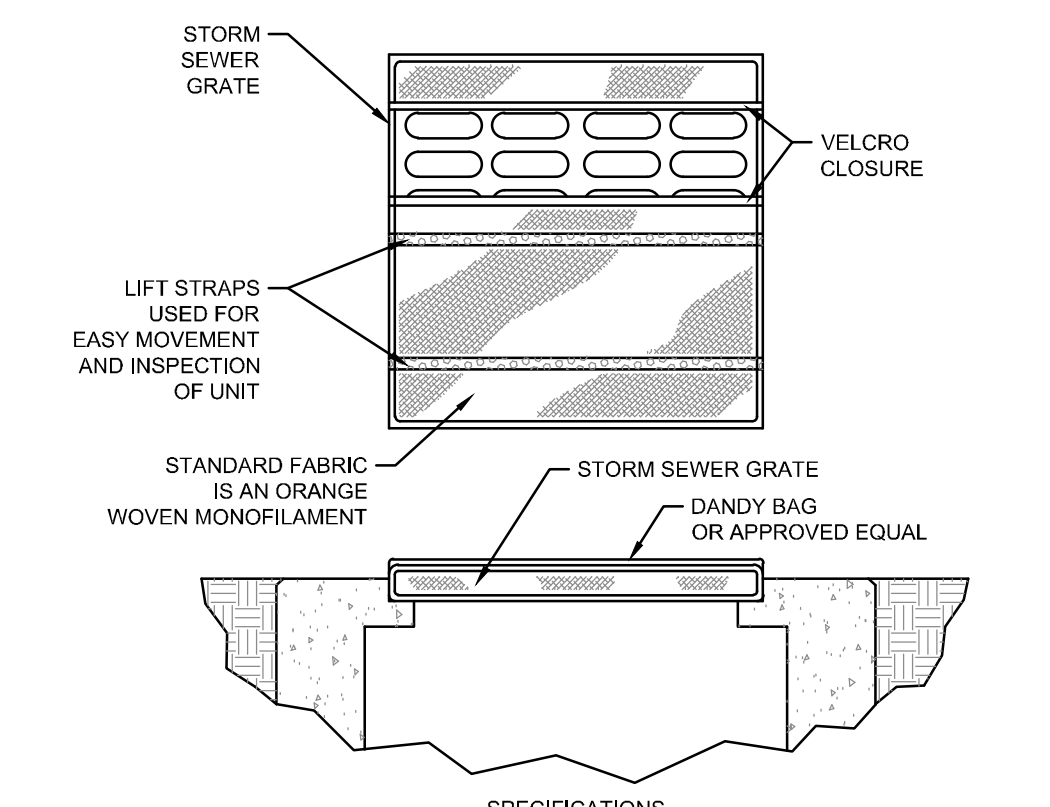
- NOTES:
- SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
 - ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
 - ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
 - SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
 - 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.
 - THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
 - THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 4 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.
 - 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.
 - SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-IN. OVERLAP PRIOR TO DRIVING INTO THE GROUND.

3 SILT FENCE DETAIL
N.T.S.



- NOTES:
- SUBGRADE FOR THE FILTER OR BEDDING AND RIPRAP SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES AS SHOWN ON THE PLAN. THE SUBGRADE SHALL BE CLEARED OF ALL TREES, STUMPS, ROOTS, SOD, LOOSE ROCK, OR OTHER MATERIAL.
 - RIPRAP SHALL CONFORM TO THE GRADING LIMITS AS SHOWN ON THE PLAN.
 - GEOTEXTILE SHALL BE SECURELY ANCHORED ACCORDING TO MANUFACTURERS' RECOMMENDATIONS.
 - GEOTEXTILE SHALL BE LAID WITH THE LONG DIMENSION PARALLEL TO THE DIRECTION OF FLOW AND SHALL BE LAID LOOSELY BUT WITHOUT WRINKLES AND CREASES. WHERE JOINTS ARE NECESSARY, STRIPS SHALL BE PLACED TO PROVIDE A 12-IN. MINIMUM OVERLAP WITH THE UPSTREAM STRIP OVERLAPPING THE DOWNSTREAM STRIP.
 - GRAVEL BEDDING SHALL BE 0007 NO. 67'S OR 57'S UNLESS SHOWN DIFFERENTLY ON THE DRAWINGS.
 - RIPRAP MAY BE PLACED BY EQUIPMENT BUT SHALL BE PLACED IN A MANNER TO PREVENT SLIPPAGE OR DAMAGE TO THE GEOTEXTILE.
 - RIPRAP SHALL BE PLACED BY A METHOD THAT DOES NOT CAUSE SEGREGATION OF SIZES. EXTENSIVE PUSHING WITH A DOZER CAUSES SEGREGATION AND SHALL BE AVOIDED BY DELIVERING RIPRAP NEAR ITS FINAL LOCATION WITHIN THE CHANNEL.
 - CONSTRUCTION SHALL BE SEQUENCED SO THAT OUTLET PROTECTION IS PLACED AND FUNCTIONAL WHEN THE STORM DRAIN, CULVERT, OR OPEN CHANNEL ABOVE IT BECOMES OPERATIONAL.
 - ALL DISTURBED AREAS WILL BE VEGETATED AS SOON AS PRACTICAL.

4 ROCK OUTLET PROTECTION DETAIL
N.T.S.



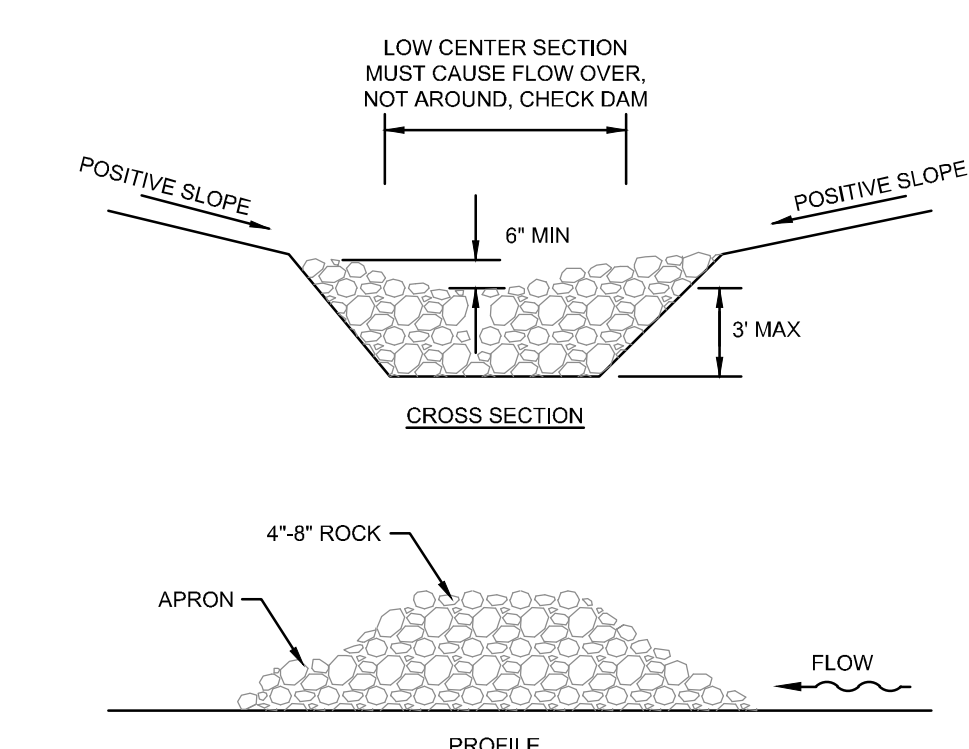
SPECIFICATIONS

| 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 | % | 24 X 10 |
| PUNCTURE STRENGTH | ASTM D 4633 | KN (LBS) | 0.40 (90) |
| MULLEN BURST STRENGTH | ASTM D 3786 | KPA (PSI) | 3997 (450) |
| TRAPEZOID TEAR STRENGTH | ASTM D 4533 | KN (LBS) | 0.51 (115) X 0.33 (75) |
| UV RESISTANCE | ASTM D 4355 | % | 80 |
| APPARENT OPENING SIZE | ASTM D 4751 | MM (US STD SIEVE) | 0.425 (40) |
| FLOW RATE | ASTM D 4491 | MIN/MIN (GAL/MIN/FT) | 5907 (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 FLOW IN POUCH ON THE BOTTOM BELOW-GRADE SIDE OF THE UNIT. ATTACH ABSORBENT FLOW TO TETHER LOOP. TUCK THE ENCLOSURE 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.

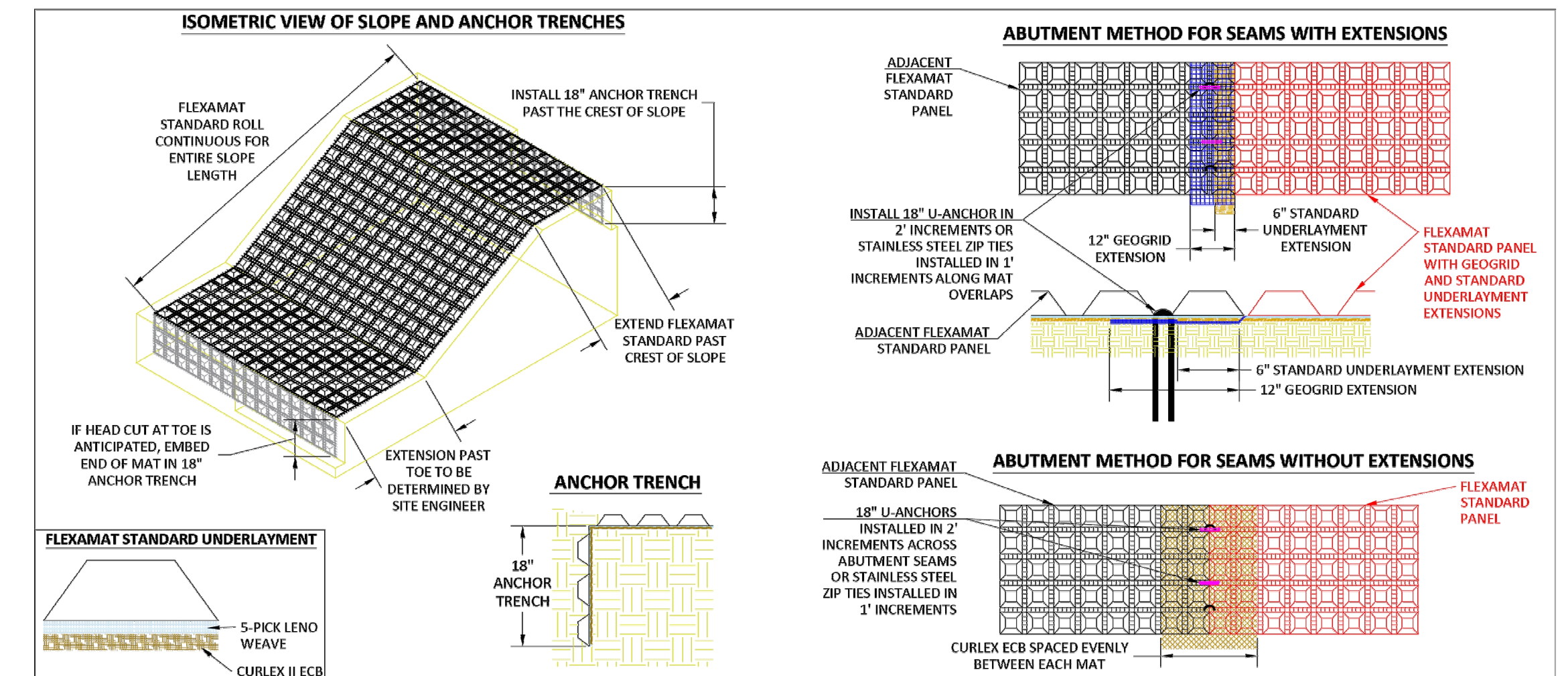
MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS, REMOVE AND REPLACE ABSORBENT FLOW WHEN NEAR SATURATION.

5 DANDY BAG DETAIL
N.T.S.



- NOTES:
- THE CHECK DAM SHALL BE CONSTRUCTED OF 4-8 INCH DIAMETER STONE, PLACED SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL. 0007 TYPE D STONE IS ACCEPTABLE, BUT SHOULD BE UNDERLAIN WITH A GEOTEXTILE FILTER CONSISTING OF 0007 NO. 3 OR 4 OR SUITABLE FILTER FABRIC.
 - MAXIMUM HEIGHT OF CHECK DAM SHALL NOT EXCEED 3.0 FEET.
 - THE MIDPOINT OF THE ROCK CHECK DAM SHALL BE A MINIMUM OF 6 INCHES LOWER THAN THE SIDES IN ORDER TO DIRECT ACROSS THE CENTER AND AWAY FROM THE CHANNEL SIDES.
 - THE BASE OF THE CHECK DAM SHALL BE ENTRENCHED APPROXIMATELY 10 INCHES.
 - SPACING OF CHECK DAMS SHALL BE IN A MANNER SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
 - A SPLASH APRON SHALL BE CONSTRUCTED WHERE CHECK DAMS ARE EXPECTED TO BE IN USE FOR AN EXTENDED PERIOD OF TIME. A STONE APRON SHALL BE CONSTRUCTED IMMEDIATELY DOWNSTREAM OF THE CHECK DAM TO PREVENT FLOWS FROM UNDERCUTTING THE STRUCTURE. THE APRON SHOULD BE 6 IN. THICK AND ITS LENGTH TWO TIMES THE HEIGHT OF THE DAM.
 - STONE PLACEMENT SHALL BE PERFORMED EITHER BY HAND OR MECHANICALLY AS LONG AS THE CENTER OF CHECK DAM IS LOWER THAN THE SIDES AND EXTENDS ACROSS ENTIRE CHANNEL.
 - SIDE SLOPES SHALL BE A MINIMUM OF 2:1.
- MAINTENANCE
- SEDIMENT SHALL BE REMOVED FROM BEHIND CHECK DAM ONCE IT ACCUMULATES TO ONE-HALF THE ORIGINAL HEIGHT OF THE CHECK DAM.

6 ROCK CHECK DAM DETAIL
N.T.S.



FLEXAMAT STANDARD - SLOPE ARMORING

CONSTRUCTION NOTES:

- AN ENGINEER OR MANUFACTURERS REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
- ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
- PRIOR TO FLEXAMAT STANDARD INSTALLATION SEED AND FERTILIZE SUBGRADE WITH SITE SPECIFIC SEED MIX IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
- INSTALL FLEXAMAT STANDARD ROLLS THAT ARE CONTINUOUS FOR ENTIRE SLOPE LENGTH. FOR SLOPES LONGER THAN 16', USE MATS WITH EXTENSIONS CUT TO THE LENGTH OF THE SLOPE. INSTALL MATS TO THAT THE MATTING EXTENDS PAST THE CREST OF SLOPE AND INTO AN 18" ANCHOR TRENCH.
 - FOR ARMORED SLOPE LENGTHS 16' OR LESS, INSTALL CURLEX ECR EQUALLY UNDER ADJACENT MATS. SECURE SEAM WITH #3 REBAR 18" U-ANCHORS IN 2' INCREMENTS THE LENGTH OF THE ABUTMENT.
 - ARMORED SLOPE LENGTHS LONGER THAN 16', INSTALL NEXT MAT OVER EXTENSIONS.
- INSTALL SUBSEQUENT MATS OVER THE GEOTEXTILE EXTENSION AND STANDARD UNDERLAYMENT EXTENSION OF THE PREVIOUSLY INSTALLED MAT. ENSURE THE GEOTEXTILE AND STANDARD UNDERLAYMENT EXTENSIONS ARE LAYING FLAT ON THE SUBGRADE BEFORE INSTALLING ADJACENT MAT OVER THE EXTENSIONS.
- INSTALL #3 REBAR 18" U-ANCHORS IN 2' INCREMENTS ACROSS THE GEOTEXTILE AND STANDARD UNDERLAYMENT EXTENSION. INSTALL ANCHORS PERPENDICULAR TO THE SLOPE DIRECTLY BEHIND FIRST ROW OF BLOCKS ON THE ADJACENT MAT.
- AT THE END OF THE ARMORED SLOPE, IF HEAD CUT IS ANTICIPATED, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH SUITABLE FILL.

MOTZ ENTERPRISES, INC.
Flexamat
(513) 772-6689
Info@Flexamat.com
Flexamat.com

Flexamat
PERMANENT EROSION CONTROL



| NO. | DATE | DESCRIPTION |
|-----|------------|-------------|
| 1 | 04-28-2026 | PERMIT SET |

SUBURBAN ACCESSORIES
INDUSTRIAL DRIVE
FRANKLIN, OH 45005

PROJECT NO: 200295.005
DATE: 04-28-2026
SCALE:

SHEET NAME:
EROSION CONTROL DETAILS

SHEET NO.
C601