

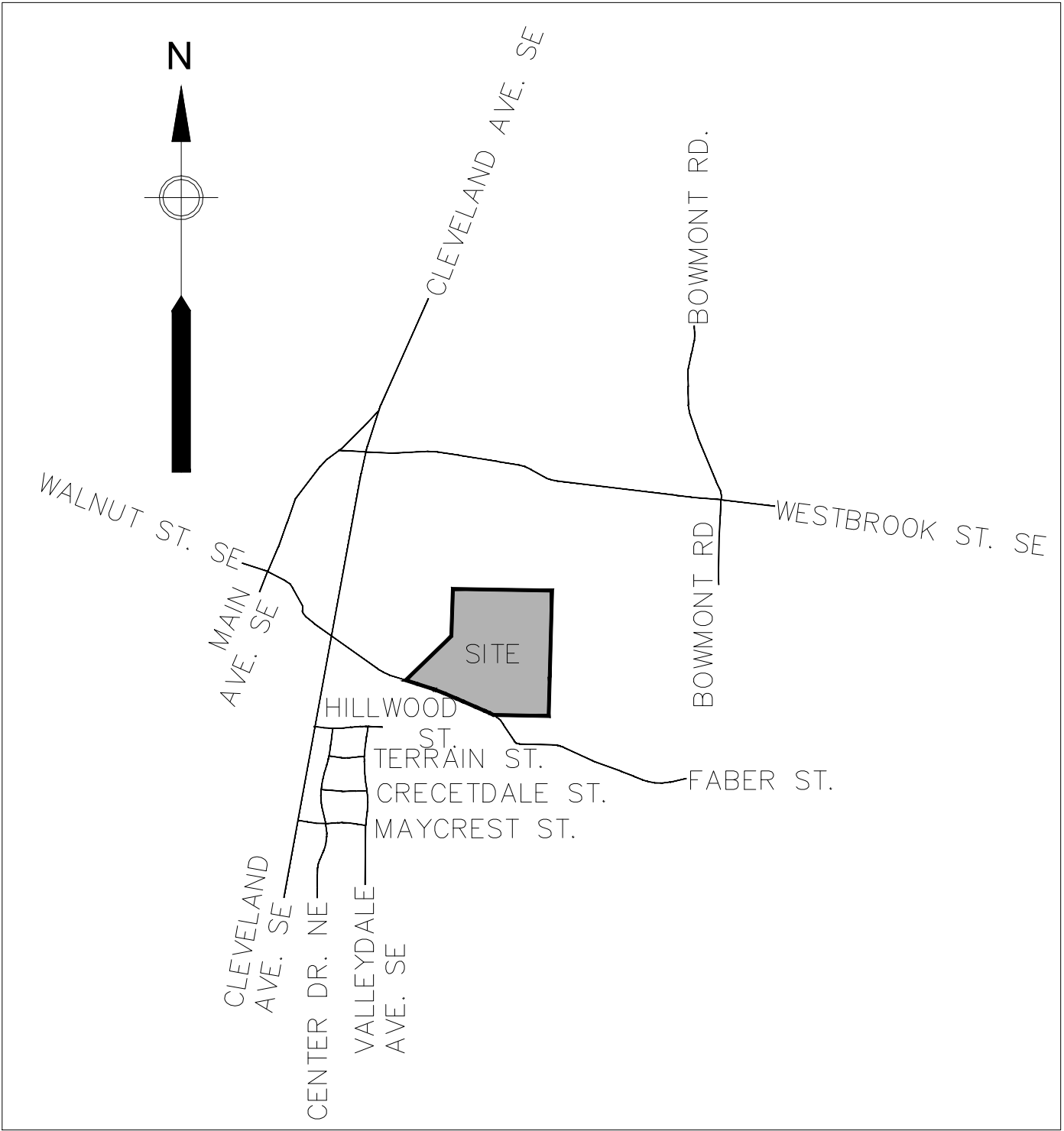
STARK COUNTY PARK DISTRICT
STARK COUNTY, OHIO
FRY FAMILY PARK
PARKING LOT IMPROVEMENT PROJECT
AUGUST 2026

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SITE AREA	
DISTURBED AREA	7,229 SQFT
EXISTING IMPERVIOUS AREA	3,400 SQFT
PROPOSED IMPERVIOUS AREA	5,653 SQFT
EXISTING % IMPERVIOUS	47%
PROPOSED % IMPERVIOUS	78%



VICINITY MAP
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LOCATION MAP
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DLZ OHIO, INC.

SUBMITTED BY *Michael Evans*

DATE 08/2026

DLZ OHIO, INC.



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SHEET: 1 OF 13

SHEET NO.:
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GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SYMBOLS
(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS)

ABBREVIATIONS		LEGEND	
ADD'L – ADDITIONAL & – AND ASPH – ASPHALT ASSY – ASSEMBLY @ – AT BH – BULKHEAD BM – BENCH MARK BMP – BEST MANAGEMENT PRACTICE BR – BRICK CB – CATCH BASIN C/C – CENTER TO CENTER CCTV – CLOSED CIRCUIT TELEVISING CL – CENTERLINE CI – CAST IRON CIRC – CIRCULAR CLR – CLEAR C.J. – CONSTRUCTION JOINT CPP – CORRUGATED PLASTIC PIPE CTR – CENTER CONC – CONCRETE CWD – CLEVELAND WATER DEPARTMENT DIA. Ø – DIAMETER DIM – DIMENSION DIP – DUCTILE IRON PIPE E. – EAST ELEV. – ELEVATION EL. – ELEVATION EOB – END OF BORING EQ – EQUAL EST – ESTIMATED EXIST/EX – EXISTING FD – FOUND F.F. – FIRST FLOOR GPM – GALLONS PER MINUTE HORIZ – HORIZONTAL INV – INVERT I.P. – IRON PIN I.P.F. – IRON PIN FOUND JT – JOINT LEO – LAW ENFORCEMENT OFFICER LF – LINEAR FOOT LONG. – LONGITUDINAL LSM-CDF – LOW STRENGTH MORTAR – CONTROLLED DENSITY FILL MAG – MAGNETIC NAIL MAX – MAXIMUM MH – MANHOLE MIN – MINIMUM MOT – MAINTENANCE OF TRAFFIC N/A – NOT APPLICABLE NO. – NUMBER OC – ON CENTER O.D. – OUTSIDE DIAMETER O/H E – OVERHEAD ELECTRIC ± – PLUS OR MINUS PL – PROPERTY LINE/PLATE PCF – POUNDS PER CUBIC FOOT PSF – POUNDS PER SQUARE FOOT PVC – POLYVINYL CHLORIDE RCP – REINFORCED CONCRETE PIPE R/W ROW – RIGHT-OF-WAY SAN/SN – SANITARY SEWER SHT. – SHEET SIM – SIMILAR SL – SPRINGLINE SPA. – SPACES OR SPACING SSMH – SANITARY MANHOLE ST – STORM SEWER STA. – STATION STD – STANDARD STMH – STORM MANHOLE SW – SIDEWALK T/= – TOP OF UNO – UNLESS NOTED OTHERWISE TYP – TYPICAL VCP – VITRIFIED CLAY PIPE VERT – VERTICAL W/WAT – WATER W/ – WITH W. – WEST WP – WORK POINT		○ – MANHOLE □ – CATCH BASIN ⊙ – HYDRANT ⊗ – VALVE ⌀ – LIGHT POLE ⌀_P – TELEPHONE POLE ⌀_P – POWER POLE ⌀_P – UTILITY POLE ⌀_P – LIGHT & POWER POLE ⌀_P – TELEPHONE & POWER POLE ⌀_T – TELEPHONE & LIGHT POLE > – GUY ANCHOR ⏟ – SIGN (1 POST) ⏟⏟ – SIGN (2 POST) ⊙(SA) – SANITARY MANHOLE ⊙(CO) – CLEANOUT ⊙(CB) – STORM INLET/ CATCH BASIN ⊠(CB) – STORM INLET/ CATCH BASIN ○ – VENT PIPE ⊠ – POST (SQUARE) ○ – POST (ROUND) ⊙ – TREE ⬡ – ROCK ⬡ – BOLLARD ⬡ – SHRUB ⊕ – BENCH MARK ⊗ – CHISELED BENCH MARK ⊠(M) – MONUMENT BOX ⊙ – IRON PIN/PIPE FOUND ⬤ – IRON PIN/MAGNETIC NAIL SET ⊠ – TACKED HUB ⬤ – DRILL HOLE ⊠(MB) – MAILBOX ⊙ – PKNAIL ⬤ – RAILROAD SPIKE ⊠(E) – ELECTRICAL BOX ⊙(E) – ELECTRICAL MANHOLE ⊙ – BORING LOCATION — G — – GAS — W — – WATER —OHE/T— – OVERHEAD ELECTRIC/ TELEPHONE — SAN — – SANITARY SEWER — ST — – STORM SEWER — P/L — – PROPERTY LINE — R/W — – RIGHT-OF- WAY LINE — E — – UNDERGROUND ELECTRIC	SURVEYOR’S NOTES 1. HORIZONTAL DATUM IS OHIO STATE PLANE, NORTH ZONE NAD83(2011) U.S. FEET. VERTICAL DATUM IS NAVD 1988 U.S. FEET. 2. PROPERTY LINES ARE FROM A TAX MAP OVERLAY. NO BOUNDARY SURVEYS HAVE BEEN PERFORMED. 3. THIS MAP AND THE SURVEY ON WHICH IT IS BASED HAVE BEEN PREPARED WITHOUT THE BENEFIT OF TITLE REPORT AND ARE NOT INTENDED TO REFLECT ALL EASEMENTS, ENCUMBRANCES, OR OTHER CIRCUMSTANCES AFFECTING THE TITLE TO THE PROPERTY SHOWN HEREON. GENERAL NOTES 1. CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES DISTURBED DURING THE COURSE OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO ROADWAYS, CURBING, SIGNAGE, FENCING, GUARD RAILS, MAILBOXES, SIDEWALKS AND GRASSED AREAS TO CONDITIONS EXISTING PRIOR TO START OF WORK, OR BETTER, UNLESS OTHERWISE NOTED ON DRAWINGS. 2. SOIL AND OTHER MATERIALS SHALL BE STORED AWAY FROM THE DRIPLINE OF TREES. 3. EXISTING CONDITIONS ARE SHOWN LIGHTLY SHADED. NEW WORK AND STRUCTURES TO BE MODIFIED ARE SHOWN IN BOLD LINES. 4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS.



**STARK COUNTY
PARK DISTRICT**
5712 12TH STREET NW
CANTON, OH 44708
330-477-3552

REV NO	DATE	ISSUED BY	REMARKS	

DESIGNED BY: _____ DCG
DRAWN BY: _____ DCG
SHEET CHK'D BY: _____ MSE
CROSS CHK'D BY: _____
APPROVED BY: _____
ISSUED DATE: _____ JULY 2026.

FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
ABBREVIATIONS, LEGENDS, AND
NOTES

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GENERAL NOTES:

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR LISTED ITEMS DESIGNATED BY PLAN NOTE TO BE USED “AS DIRECTED BY THE CITY” OR AS “CONTINGENCY” UNLESS AUTHORIZED BY STARK PARKS. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE PARK DISTRICT’S DISCRETION SHALL NOT BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING THE COMPLETION OF THIS PROJECT.

STATIONING AND LOCATIONS

LOCATIONS INDICATED ON THESE PLANS ARE APPROXIMATE, ALL LOCATIONS AND ITEMS CALLED OUT ARE SUBJECT TO ADJUSTMENT IN THE FIELD AS DIRECTED BY STARK COUNTY PARKS DISTRICT.

NOTIFICATION

THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING AGENCIES AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION.

- THE STARK COUNTY PARKS DISTRICT

SITE PREPARATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BUILDINGS, ROADWAYS, STRUCTURES AND OTHER SITE CONDITIONS RESULTING FROM HIS WORK. ALL DAMAGED OR DISTURBED ITEMS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS OR PER THE PROJECT DRAWINGS, AT THE CONTRACTOR’S EXPENSE TO THE SATISFACTION OF THE PROPERTY OWNER AND/OR THE CITY OF PARMA.

CONSTRUCTION LAYOUT STAKING & AS-BUILTS

THE CONTRACTOR SHALL PROCURE THE SERVICES OF A SURVEYOR REGISTERED IN THE STATE OF OHIO TO PROVIDE CONSTRUCTION LAYOUT STAKING, MONUMENT REPLACEMENT, AND SIGNED AND SEALED AS-BUILT DRAWINGS FOR ALL UTILITY CONSTRUCTION.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE NOISE IMPACTS, THE OPERATION OF ANY TOOLS OR EQUIPMENT USED IN CONSTRUCTION, DRILLING, OR DEMOLITION SHALL NOT BE OPERATED BETWEEN THE HOURS OF 9:00PM AND 7:00AM (THE FOLLOWING DAY) ON WEEKDAYS, BETWEEN 8:00PM (SATURDAYS) AND 10:00AM (SUNDAYS), OR BETWEEN 8:00PM (SUNDAYS) AND 9:00AM (MONDAYS). CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE STARK COUNTY PARKS DISTRICT TO PERFORM WORK DURING HOURS OUTSIDE OF THE PERMITTED TIMES.

CONSTRUCTION NOTES

- ALL ELEVATIONS SHOWN ON THESE PLANS ARE IN FEET AND DECIMAL PARTS THEREOF ABOVE THE U.S.G.S. DATUM PLANE.
- IN THE EVENT OF A CONFLICT BETWEEN THE DETAILED SPECIFICATIONS AND THE PLANS, THE DETAILED SPECIFICATIONS SHALL GOVERN.
- NO FLY ASH OR SLAG SHALL BE USED IN BACKFILL.
- NO FLY ASH SHALL BE USED IN ANY CONCRETE.
- THE CONTRACTOR SHALL RESTORE, AND SEED AND MULCH ALL DISTURBED AREAS.
- ANY ITEM, SUCH AS PAVEMENT, UTILITIES, SIDEWALKS, DRIVES, WALLS, SPRINKLER SYSTEMS, FENCES, LANDSCAPE ELEMENTS, BOLLARDS, PIPES OR DITCHES THAT HAS BEEN DAMAGED OR DISTURBED DUE TO CONSTRUCTION WILL BE REPLACED IN KIND AS DIRECTED BY THE ENGINEER AT THE COST OF THE CONTRACTOR, AND INCLUDED IN UNIT PRICE BID FOR VARIOUS ITEMS OF WORK AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE. THE CONTRACTOR SHALL INSPECT THE SITE LOCATION PRIOR TO SUBMITTING A BID AND DETERMINE SURFACE FEATURES WHICH MAY BE DAMAGED OR DISTURBED BY THE NEW WORK.
- THE CONTRACTOR’S ATTENTION IS DIRECTED TO THE PROVISIONS RELATED TO PUBLIC IMPROVEMENTS IN SECTION 153.64 OF THE OHIO REVISED CODE. UTILITIES ARE SHOWN FROM RECORD INFORMATION AND ABOVE GROUND OBSERVATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING O.U.P.S. AND OTHER OWNERS OF UNDERGROUND UTILITIES IN THE VICINITY OF ANY WORK. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY INVERTS AND CLEARANCES PRIOR TO THE START OF CONSTRUCTION.
- CONCRETE SHALL NOT BE PLACED ON ANY SURFACE THAT HAS FROST OR ICE. THE CONTRACTOR SHALL PROTECT ALL FRESHLY POURED CONCRETE WITH VISQUEEN AND BLANKETS TO ENSURE PROPER CURING TEMPERATURE.

- THE CONTRACTOR SHALL SUPPORT ALL EXISTING UTILITIES AND EXISTING SERVICE CONNECTIONS DURING CONSTRUCTION. ALL EXISTING UTILITY AND/OR SERVICE CONNECTIONS WHICH ARE DAMAGED AS A RESULT OF THIS PROJECT SHALL BE REPAIRED AND RESTORED. THERE WILL BE NO EXTRA PAYMENT FOR ABOVE WORK.
- ALL PUBLICLY OWNED EXISTING OVERHEAD, SURFACE OR SUBSURFACE STRUCTURES AND PIPES, TOGETHER WITH ALL APPURTENANCES AND SERVICE CONNECTIONS, EXCEPT THOSE OTHERWISE PROVIDED FOR HEREIN, ENCOUNTERED OR AFFECTED IN ANY WAY DURING CONSTRUCTION OF ANY WORK UNDER THIS CONTRACT, SHALL BE MAINTAINED IN SERVICE BY THE CONTRACTOR AT ALL TIMES UNLESS OTHER ARRANGEMENTS, SATISFACTORY TO THE AUTHORITY RESPONSIBLE FOR THEIR OPERATION, ARE MADE WITH SUCH AUTHORITY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS OF WORK. THE CONTRACTOR SHALL GIVE ADVANCE WRITTEN NOTICE TO THE OWNERS OF SUCH EXISTING STRUCTURES AND/OR UTILITY LINES IN TIME TO PERMIT SUCH OWNERS TO COOPERATE IN PROTECTING AND/OR MARKING THEIR RESPECTIVE STRUCTURES AND/OR UTILITY LINES.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS.
- ANY DEFECTS IN THE CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP SHALL BE REPLACED OR CORRECTED BY REMOVAL AND REPLACEMENT, OR BY OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY THE OWNER AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT 1970.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT STAKES IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- EXISTING UTILITY LOCATIONS ARE SHOWN FROM RECORD INFORMATION ONLY. THIS MAY OR MAY NOT BE COMPLETE. THE CONTRACTOR SHALL CONTACT O.U.P.S. AND O.G.P.U.P.S. AND FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE PROTECTION OF ALL UTILITIES AND STRUCTURES SHOWN OR NOT SHOWN ON THE PLANS IS THE RESPONSIBILITY OF THE CONTRACTOR. SHOULD ANY EXISTING UTILITIES OR STRUCTURES BE DAMAGED BY THE CONTRACTOR, HE SHALL MAKE ALL REPAIRS AND PAY ALL COSTS FOR REPAIRS, INCLUDING SURFACE RESTORATION, TO THE SATISFACTION OF OWNER OF THE DAMAGED UTILITY.
- IT IS THE OBLIGATION AND THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS BID.
- CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES DISTURBED DURING THE COURSE OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO ROADWAYS, CURBING, SIGNAGE, FENCING, GUARD RAILS, MAILBOXES, SIDEWALKS AND GRASSED AREAS TO CONDITIONS EXISTING PRIOR TO START OF WORK UNLESS OTHERWISE NOTED ON DRAWINGS.
- SOIL AND OTHER MATERIALS SHALL BE STORED AWAY FROM THE DRIPLINE OF TREES.
- EXISTING CONDITIONS ARE SHOWN LIGHTLY SHADED. NEW WORK AND STRUCTURES TO BE MODIFIED ARE SHOWN IN BOLD LINES.

PAVEMENT

PAVEMENTS, SIDEWALKS, CURBS, DEMOLITION, AND ASPHALT OVERLAY SHALL BE IN ACCORDANCE WITH THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS (ODOT CMS) DATED JANUARY 2019, AND THE PLANS AND SPECIFICATIONS. IF THERE IS A CONFLICT BETWEEN THESE SPECIFICATIONS, THE CITY SHALL DECIDE WHICH SPECIFICATION SHALL GOVERN. IN NO EVENT SHALL THE UNIT PRICES SET FORTH IN THE PROPOSAL BID BE SUBJECT TO COST ESCALATION.

EARTHWORK

- EARTHWORK OPERATIONS INCLUDING COMPACTION, SHALL BE PERFORMED IN ACCORDANCE WITH ODOT ITEM 203– ROADWAY EXCAVATION AND EMBANKMENT.
- THE CONTRACTOR SHALL PREPARE THE SUBGRADE AS DEEMED NECESSARY BY THE ENGINEER TO ACCEPT EMBANKMENT.
- THE CONTRACTOR SHALL DEWATER THE SUBGRADE, IF NECESSARY, AND MAINTAIN GOOD SURFACE DRAINAGE OF THE CONSTRUCTION AREA.

- THE CONTRACTOR SHALL ACHIEVE MAXIMUM IN-PLACE DENSITY OF 98% (NINETY-EIGHT) PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY PER ASTM D-698. LIFTS SHALL NOT EXCEED 6 INCHES. THE CONTRACTOR SHALL USE COMPACTION EQUIPMENT THAT WILL PRODUCE THE REQUIRED IN-PLACE DENSITY WITHOUT BREAKING DOWN THE UNDERLYING SOILS. THE CONTRACTOR SHALL ADJUST SUBGRADE TO WITHIN 2 (TWO) PERCENT OF OPTIMUM MOISTURE CONTENT PRIOR TO COMPACTION.
- THE CONTRACTOR SHALL PERMANENTLY SEED AND MULCH ALL NON-PAVED AREAS AFTER FINAL GRADING.
- THE DEPOSITION OF ANY EXCESS EXCAVATED MATERIAL INTO WETLANDS, STREAMBEDS, OR FLOODPLAINS IS STRICTLY PROHIBITED.
- THE CONTRACTOR SHALL BE AWARE THAT THE SLOPE HEIGHT, SLOPE INCLINATION, OR EXCAVATION DEPTHS (INCLUDING UTILITY TRENCH EXCAVATION) SHALL IN NO CASE EXCEED THOSE SPECIFIED IN LOCAL, STATE, OR FEDERAL SAFETY STANDARDS FOR EXCAVATIONS. OSHA 29 CFR PART 1926, OR SUCCESSOR REGULATIONS ARE STRICTLY ENFORCED AND, IF THEY ARE NOT FOLLOWED, THE CONTRACTOR, AND/OR EARTHWORK AND UTILITY SUBCONTRACTORS MAY BE LIABLE FOR SUBSTANTIAL PENALTIES. TRENCH EXCAVATIONS SHALL COMPLY WITH ODOT CMS ITEM 603. THE LENGTH OF TRENCH OPENED IN ADVANCE OF PIPE PLACEMENT SHALL NOT EXCEED 25 FEET. REFER TO WATER MAIN TRENCH DETAILS FOR DEPTH OF EXCAVATION.

SEEDING AND MULCHING

- THE CONTRACTOR SHALL PREPARE THE SEED BED; PLACE TOPSOIL; AND PLACE AND INCORPORATE SEED, AGRICULTURAL LIME, COMMERCIAL FERTILIZER, MULCHING MATERIAL, WATERING, MAINTENANCE, AND MOWING.
- THE CONTRACTOR SHALL PERFORM A SOIL ANALYSIS TEST ON ALL TOPSOIL BEING PLACED ON THE PROJECT. THE STANDARD SOIL ANALYSIS TEST SHALL BE PERFORMED IN ACCORDANCE WITH ODOT CMS ITEM 659.02B.
- GRANULAR OR LIQUID LIME SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH ODOT CMS 659.03. THE APPLICATION RATE OF LIME SHALL BE DETERMINED FROM THE SOIL ANALYSIS TEST IN ORDER TO ACHIEVE A PH OF 6.5 IN THE SOIL.
- COMMERCIAL FERTILIZER SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ODOT CMS ITEM 659.04.
- THE CONTRACTOR SHALL SUBMIT INFORMATION REGARDING THE TYPE OF TOPSOIL AND SUPPLIER TO THE CITY FOR APPROVAL. ONLY TOPSOIL APPROVED BY THE CITY SHALL BE USED.
- FURNISH GRASS SEED IN ACCORDANCE WITH ODOT CMS ITEM 659.07 HIGH QUALITY.
- FOR ALL DISTURBED AREAS SEED MIXTURE SHALL BE CLASS 1 LAWN MIXTURE IN ACCORDANCE WITH ODOT CMS ITEM 659.09. SEED MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.
- SITE PREPARATION SHALL BE COMPLETED IN ACCORDANCE WITH ODOT CMS ITEM 659.10.
- TOPSOIL SHALL BE PLACED ACCORDING TO ODOT CMS ITEM 659.11, EXCEPT PLACEMENT OF THE TOPSOIL MIXED WITH SEED, ETC. IS NOT PROHIBITED.
- APPLY SEED TO PREPARED AREAS IN ACCORDANCE WITH ODOT CMS ITEM 659.12.
- MULCH MATERIAL SHALL CONSIST OF STRAW MULCH OR WOOD FIBER MULCH. MULCH MATERIAL SHALL BE REASONABLY FREE OF WOOD SEED, FOREIGN MATERIALS OR OTHER MATERIALS THAT WOULD PROHIBIT SEED GERMINATION. WITHIN 24 HOURS OF SEEDING AN AREA, EVENLY PLACE MULCH. IMMEDIATELY REPLACE MULCH THAT HAS BEEN DISPLACED.
- THOROUGHLY WATER ALL AREAS AT A RATE OF 300 GALLONS PER 100 SQUARE FEET TWO TIMES PER WEEK FOR A PERIOD OF SIX WEEKS. APPLY THE WATER WITH A NOZZLE THAT PRODUCES A SPRAY THAT WILL NOT DISLodge THE MULCH MATERIAL.
- MAINTAIN ALL SEEDED AND MULCHED AREAS FOR SIX WEEKS AFTER PLACEMENT OF SEED AND MULCH, INCLUDING, BUT NOT LIMITED TO, WATERING, RE-SEEDING, AND RE-MULCHING.
- THE CONTRACTOR SHALL MOW ALL SEEDED AND MULCHED AREAS A MINIMUM OF ONE TIME DURING THE SIX-WEEK MAINTENANCE PERIOD. MOWING HEIGHT SHALL BE SIX INCHES.
- REPAIR ALL DAMAGED OR ERODED SEEDED AND MULCHED AREAS BEFORE COMPLETION OF THE PROJECT, OR WITHIN THE SIX-WEEK MAINTENANCE PERIOD TO THE SATISFACTION OF THE CITY OF PARMA.

- PROVIDE NOTIFICATION AT THE END OF THE SIX-WEEK MAINTENANCE PERIOD TO EACH PROPERTY OWNER ADJACENT TO NEWLY SEEDED AREAS THAT MAINTENANCE OF THESE AREAS IS NOW THE RESPONSIBILITY OF THE PROPERTY OWNER. ALSO, PROVIDE RECOMMENDATION ON WATERING AND MAINTENANCE IN THE NOTIFICATION. THE NOTIFICATION SHALL BE SUBMITTED TO THE CITY OF PARMA FOR APPROVAL PRIOR TO DISTRIBUTION.
- THE CITY OF PARMA WILL INSPECT ALL SEEDED AREAS NO EARLIER THAN SIX MONTHS AND NO LATER THAN 12 MONTHS AFTER FINAL SEEDING. FOR ANY AREA IDENTIFIED WITHOUT UNIFORM DENSITY OF AT LEAST 70% GRASS COVER, REPAIR SEEDING, AND MULCHING AND ADDITIONAL FERTILIZATION SHALL BE COMPLETED.
- THE AREAS TO BE SEEDED AND MULCHED SHALL INCLUDE ALL AREAS DISTURBED BY THE CONTRACTOR’S ACTIVITIES AND AS DIRECTED BY THE CITY OF PARMA.
- THE COST FOR SEEDING AND MULCHING DISTURBED AREAS SHALL BE INCLUDED IN THE COSTS BID FOR VARIOUS BID ITEMS.

STORMWATER

- THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING STORMWATER FACILITIES REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. ANY INTERRUPTIONS TO THE EXISTING FACILITIES MUST BE COORDINATED WITH THE PROJECT ENGINEER AND APPROVED IN ADVANCE.
- THE STORM SEWER SYSTEM, INCLUDING ANY TEMPORARY FACILITIES, SHALL BE FULLY OPERATIONAL AT THE END OF EACH WORKDAY. NO INCOMPLETE CONNECTIONS OR INTERRUPTIONS TO STORMWATER FLOW ARE PERMITTED OVERNIGHT. ANY WORK REQUIRING PARTIAL OPERATION MUST INCLUDE TEMPORARY MEASURES TO MAINTAIN FLOW AND PREVENT LOCALIZED FLOODING.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTINUOUSLY MONITORING WEATHER FORECASTS THROUGHOUT THE DURATION OF THE PROJECT.
- A CONTINGENCY PLAN MUST BE IN PLACE FOR MANAGING STORMWATER IN THE EVENT OF UNEXPECTED PRECIPITATION DURING CONSTRUCTION. THIS PLAN SHOULD INCLUDE EROSION CONTROL MEASURES, AND PROVISIONS TO MINIMIZE SEDIMENTATION AND WATER QUALITY IMPACTS.



**STARK COUNTY
PARK DISTRICT**
5712 12TH STREET NW
CANTON, OH 44708
330-477-3552

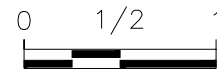
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DRAWN BY: _____ DCG _____
SHEET CHK'D BY: _____ MSE _____
CROSS CHK'D BY: _____
APPROVED BY: _____
ISSUED DATE: _____ JULY 2026.

FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
GENERAL NOTES

WARNING



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SPECIFICATIONS:

ITEM 201 – CLEARING AND GRUBBING

A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING. TREES, STUMPS, VEGETATION, SEDIMENT AND DEBRIS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR. THE COST FOR REMOVAL OF MAN-MADE OBJECTS WITHIN THE LIMITS OF CONSTRUCTION INCLUDING BOLLARDS SHALL ALSO BE INCLUDED UNDER THIS ITEM.

ITEM 202 – PAVEMENT REMOVED, AS PER PLAN

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 202 PAVEMENT REMOVED, AS PER PLAN 380 SY

THE QUANTITY PROVIDED FOR PAVEMENT REMOVED, AS PER PLAN IS INTENDED FOR THE ASPHALT TRAIL WHERE SHOWN ON PLANS. THE EXISTING TRAIL IS ANTICIPATED TO BE 4-INCH THICK ASPHALT. REMOVAL OF AGGREGATE BASE AND SUBSOIL BELOW THE ASPHALT SHALL BE PAID AT THE UNIT PRICE BID FOR ITEM 203 – EXCAVATION FOR ACCESS DRIVES.

ITEM 203 – EXCAVATION, EMBANKMENT, AND GRANULAR MATERIAL

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 203 EXCAVATION FOR PARKING LOT 301 CY

THE COST TO ADJUST CASTINGS TO GRADE PER ODOT ITEM NO. 611 SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 203, EXCAVATION, EMBANKMENT, AND GRANULAR MATERIAL.

ITEM 204 – GEOTEXTILE FABRIC AND SUBGRADE COMPACTION

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 204 SUBGRADE COMPACTION 632 SY

ITEM 304 – AGGREGATE BASE

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 304 AGGREGATE BASE 131 CY

ITEM 407 – TACK COAT FOR INTERMEDIATE AND BASE COURSES

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 407 TACK COAT FOR INTERMEDIATE AND BASE COURSES 26 GAL

ITEM 448 – ASPHALT SURFACE AND INTERMEDIATE COURSES

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 448 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG 64–22 36 CY

ITEM 448 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64–22 29 CY

ITEM 451 – REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 451 REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 54 SY

ITEM 605 – UNDERDRAIN, AS PER PLAN

THE FOLLOWING LUMP SUM QUANTITIE HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 605 4" SHALLOW PIPE UNDERDRAIN, AS PER PLAN 1 LS

ITEM 608 – WALKS, CURB RAMPS, AND STEPS, AS PER PLAN

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 451 SIDEWALK WITH INTEGRAL CURB 560 SQFT

ITEM 611 – ADJUSTED TO GRADE, MISCELLANEOUS, AS PER PLAN

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 451 ADJUST VALVE TO GRADE 1 EA

ITEM 623 – CONSTRUCTION LAYOUT STAKES AND SURVEYING

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROCURE THE SERVICES OF A SURVEYOR REGISTERED IN THE STATE OF OHIO TO PROVIDE ALL CONSTRUCTION STAKING.

THE ABOVE REQUIREMENTS SHALL NOT BE CONSTRUED TO REPLACE ANY REQUIREMENTS AS STATED IN THE CURRENT PUBLICATION OF THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION MANUAL SPECIFICATIONS.

ITEM 624 – MOBILIZATION, AS PER PLAN

A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 624, MOBILIZATION, AS PER PLAN. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 624. THE LUMP SUM PRICE BID FOR MOBILIZATION, AS PER PLAN SHALL NOT EXCEED 5% OF THE SUBTOTAL OF ALL OTHER ITEMS.

ITEM 630 – TRAFFIC SIGNS AND SIGN SUPPORTS, AS PER PLAN

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 630 GROUND MOUNTED SIGN SUPPORT, AS PER PLAN 2 EA

ITEM 630 SIGN ERECTED, FLAT SHEET, AS PER PLAN 2 EA

THE WORK UNDER TRAFFIC SIGNS AND SIGN SUPPORTS TO INCLUDE SIGNAGE AND SUPPORT FOR ACCESSIBILITY PARKING. SEE PLANS FOR DETAIL.

ITEM 642 – TRAFFIC PAINT

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 642 PAVEMENT STRIPING 650 LF

ITEM 642 PAINTED SYMBOL OF ACCESSIBILITY 2 EA

ITEM 659 – SEEDING AND MULCHING, TOPSOIL

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 659 TOPSOIL, AS PER PLAN 20 CY

ITEM 659 SEEDING AND MULCHING 174 SY

THE WORK UNDER TOPSOIL, AS PER PLAN SHALL INCLUDE GRADING PER ITEM 209 ALONG EDGES OF ALL PAVEMENT AS NEEDED TO MATCH EXISTING ELEVATIONS. TOPSOIL LAYER SHALL BE 4-INCHES THICK. A LAWN MIX CONFORMING TO ODOT CMS TABLE 659.09–1 LAWN MIX SHALL BE USED.

ITEM 832 – STORM WATER POLLUTION PREVENTION PLAN AND EROSION CONTROL, AS PER PLAN

A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 832, STORMWATER POLLUTION PREVENTION PLAN AND ITEM 832, EROSION CONTROL. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 832.

THE LUMP SUM PRICE FOR THIS ITEM INCLUDES ALL LABOR, MATERIALS, TOOLS, AND EQUIPMENT NECESSARY FOR PREPARATION, INSTALLATION AND MAINTENANCE OF TEMPORARY SEDIMENT AND EROSION CONTROL, FINE GRADE, TEMPORARY SEEDING AND MULCHING, WATERING, AND ALL OTHER ITEMS INTEGRAL TO MAINTAIN SEDIMENT AND EROSION CONTROL AND FINAL SITE RESTORATION OF DISTURBED AREAS.

TEMPORARY SEEDING AND MULCHING SHALL BE IN ACCORDANCE WITH ODOT ITEM 659 AND THE MOST CURRENT EDITION OF OHIO'S RAINWATER AND LAND DEVELOPMENT MANUAL. SEEDING AND MULCHING WITHIN THE BANKFULL LIMITS IS PROHIBITED. SEE CROSS SECTIONS FOR BANKFULL LIMITS.

EROSION CONTROL, AS PER PLAN AND AS DIRECTED BY THE COUNTY, SHALL BE IN ACCORDANCE WITH ODOT SPECIFICATION 832. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE PER THE MOST CURRENT EDITION OF OHIO'S RAINWATER AND LAND DEVELOPMENT MANUAL.

IF VEGETATION FAILS TO GROW TO A 90% COVERAGE, CONTRACTOR WILL BE RESPONSIBLE FOR RE-SEEDING AREAS AT NO ADDITIONAL COST TO THE COUNTY. THIS SHALL BE ENFORCED IN ALL WEATHER CONDITIONS AT NO ADDITIONAL COST TO THE COUNTY.

CONTRACTOR SHALL PROTECT WETLANDS THAT ARE NOT SHOWN TO BE DISTURBED ON THE PLANS, MINIMIZE STREAM IMPACTS TO THE WORK SHOWN ON THE PLANS, AND ADHERE TO THE NATIONWIDE PERMIT (NWP) TERMS AND SPECIAL CONDITIONS. NWP NUMBERS 3, 18, AND 27 APPLY TO THIS PROJECT AND ARE AVAILABLE (OR ATTACHED) FOR THE CONTRACTOR'S USE TO UNDERSTAND THE TERMS AND CONDITIONS APPLICABLE TO THIS PROJECT.

ITEM SPECIAL

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

SPECIAL – PRECAST CONCRETE PARKING WHEEL STOP 8 EA

FURNISH AND INSTALL PRECAST CONCRETE WHEEL STOPS AT LOCATIONS SHOWN ON THE PLANS. WHEEL STOPS SHALL BE A MINIMUM OF 6 FEET IN LENGTH AND SECURELY ANCHORED TO THE PAVEMENT SURFACE USING GALVANIZED STEEL PINS OR APPROVED ANCHORING DEVICES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

SPECIAL – MAXIFORCE COLLAPSIBLE WRENCH OPERATED BOLLARD 1 EA

FURNISH AND INSTALL MAXIFORCE WRENCH OPERATED COLLAPSIBLE BOLLARD PER MANUFACTURER SPECIFICATION IN THE LOCATION SHOWN ON THE PLANS. BOLLARD TO BE MAXIFORCE MCSW–SSI–S OR APPROVED EQUAL.

SUMMARY OF QUANTITIES:

FRY FAMILY PARK PARKING LOT IMPROVEMENTS SUMMARY OF QUANTITIES				
OOOT ITEM NO.	ITEM	UNIT	QUANTITY	SHEET
201	CLEARING AND GRUBBING	LS	1	5
202	PAVEMENT REMOVED, AS PER PLAN	SY	380	5
203	EXCAVATION FOR PARKING LOT AND SIDEWALK	CY	290	5 & 9
204	SUBGRADE COMPACTION	SY	632	7
304	AGGREGATE BASE, AS PER PLAN	CY	130	7
407	TACK COAT FOR INTERMEDIATE AND BASE COURSES	GAL	26	7
442	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG 64–22	CY	34	6 & 7
442	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64–22	CY	27	6 & 7
451	REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT	SY	88	6 & 7
605	4" SHALLOW PIPE UNDERDRAIN, AS PER PLAN	LS	1	9 & 10
608	SIDEWALK WITH INTEGRAL CURB, AS PER PLAN	SQFT	510	6, 7 & 9
611	ADJUST VALVE TO GRADE	EA	1	9
623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LS	1	–
630	GROUND MOUNTED SIGN SUPPORT, AS PER PLAN	EA	2	6 & 7
630	SIGN ERECTED, FLAT SHEET, AS PER PLAN	EA	2	6 & 7
624	MOBILIZATION, AS PER PLAN	LS	1	–
642	PAVEMENT STRIPING	LF	650	6 & 7
642	PAINTED SYMBOL OF ACCESSIBILITY	EA	2	6 & 7
659	TOP SOIL, AS PER PLAN	CY	20	6 & 7
659	SEEDING AND MULCHING	SY	174	6
832	STORM WATER POLLUTION PREVENTION PLAN AND EROSION CONTROL, AS PER PLAN	LS	1	11, 12 & 13
SPECIAL	PRECAST PARKING WHEEL STOP	EA	8	6 & 7
SPECIAL	COLLAPSIBLE BOLLARD, MAXIFORCE OR APPROVED EQUAL	EA	1	6 & 8



**STARK COUNTY
PARK DISTRICT**
5712 12TH STREET NW
CANTON, OH 44708
330-477-3552

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DRAWN BY: _____ DCG _____
SHEET CHK'D BY: _____ MSE _____
CROSS CHK'D BY: _____
APPROVED BY: _____
ISSUED DATE: _____ JULY 2026 _____

FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
SPECIFICATIONS AND QUANTITIES

WARNING
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4 OF 13

4



**STARK COUNTY
PARK DISTRICT**
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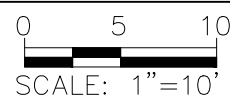
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FRY FAMILY PARK PARKING LOT IMPROVEMENTS

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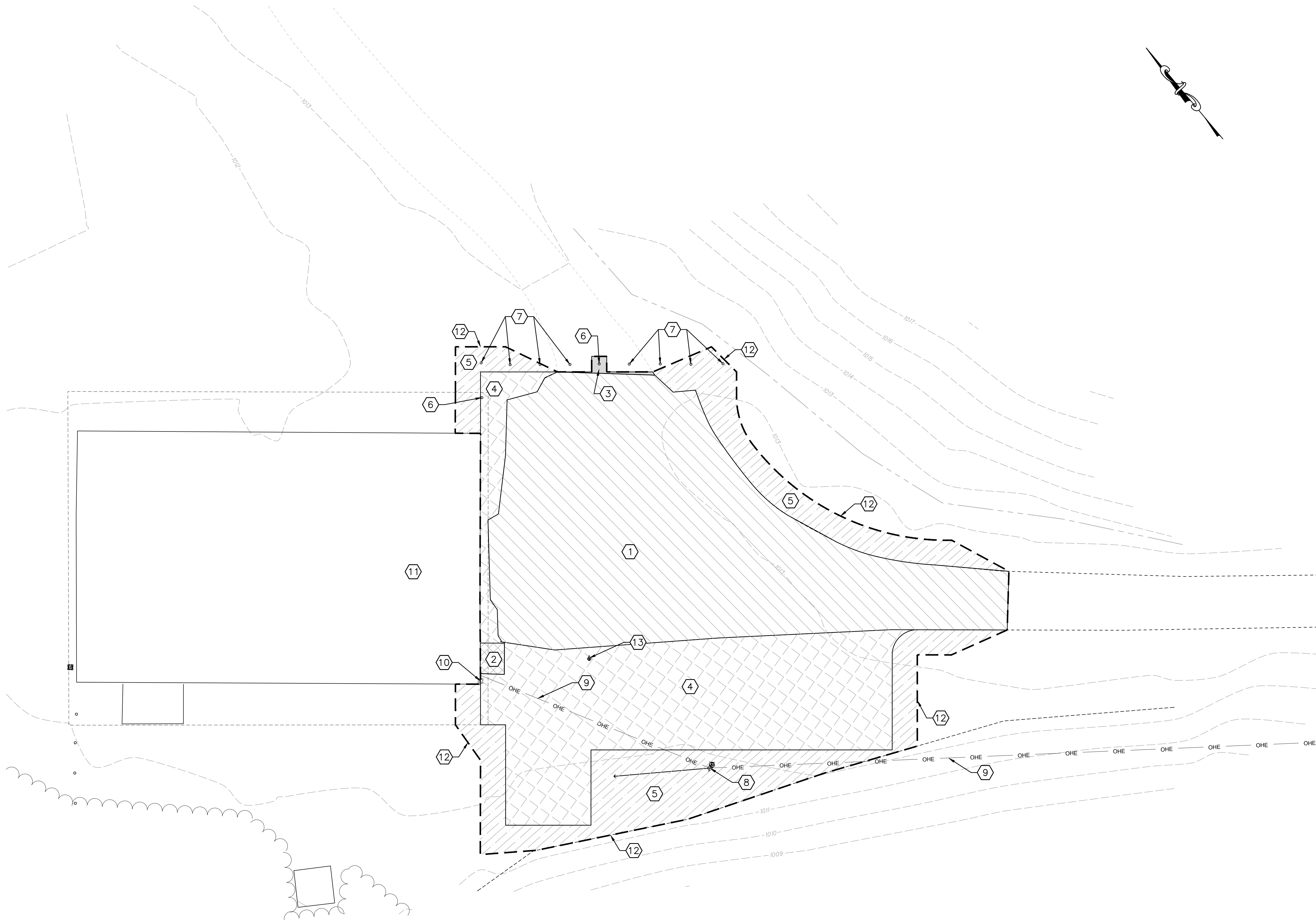


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5 OF 13

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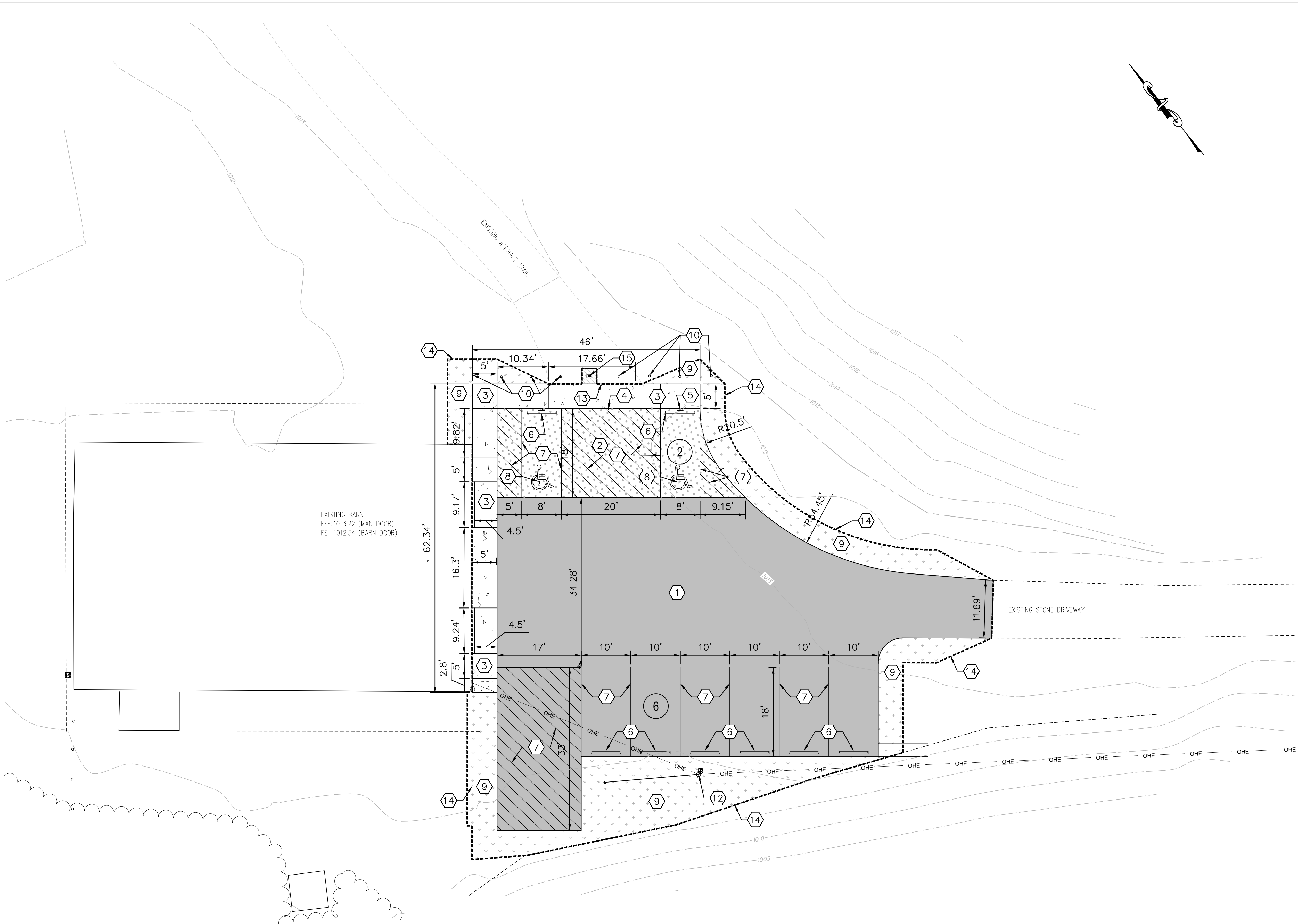


LEGEND:

-
- Legend:
- 1000— EXISTING CONTOUR
 - — — LIMIT OF CONSTRUCTION
 -  ASPHALT PAVEMENT REMOVAL
 -  CONCRETE PAVEMENT REMOVAL
 -  CONCRETE PAVEMENT REMOVAL
 -  CLEARING AND GRUBBING
 -  CLEARING AND GRUBBING AS NEEDED

- KEYNOTES:** 
1. ODOT ITEM 202 – EXISTING STONE PAVEMENT TO BE REMOVED AS NEEDED PER PROPOSED ELEVATIONS.
 2. ODOT ITEM 202 – EXISTING CONCRETE PAVEMENT TO BE REMOVED.
 3. ODOT ITEM 202 – EXISTING ASPHALT TRAIL TO BE SAW CUT AND REMOVED.
 4. ODOT ITEM 201 – EXISTING LANDSCAPING TO BE REMOVED, TOP SOIL TO BE SALVAGED AND STORED ON SITE.
 5. ODOT ITEM 201 – EXISTING LANDSCAPING TO BE REMOVED AS NEEDED, TOP SOIL TO BE REMOVED AND SALVAGED ON SITE.
 6. ODOT ITEM 201 – EXISTING BOLLARD TO BE REMOVED.
 7. EXISTING BOLLARD TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION ACTIVITIES.
 8. EXISTING POWER POLE TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION ACTIVITIES.
 9. EXISTING OVERHEAD ELECTRIC TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION ACTIVITIES.
 10. EXISTING ELECTRIC PANEL TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION ACTIVITIES.
 11. EXISTING BUILDING TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION ACTIVITIES.
 12. LIMITS OF CONSTRUCTION.
 13. EXISTING VALVE TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION ACTIVITIES.

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- KEYNOTES:** (X)
1. ODOT ITEM 442 – PROPOSED ASPHALT PAVEMENT. SEE DETAIL ON SHEET 7.
 2. ODOT ITEM 451 – PROPOSED CONCRETE PAVEMENT FOR ADA PARKING. SEE DETAIL ON SHEET 7.
 3. ODOT ITEM 608 – CONCRETE WALK / RAMP. SEE DETAILS ON SHEET 7.
 4. ODOT ITEM 630 – PROPOSED "VAN ACCESSIBLE" ACCESSIBLE PARKING SPACE PLACARD AND SIGN. SEE DETAIL ON SHEET 7.
 5. ODOT ITEM 630 – PROPOSED STANDARD ACCESSIBLE PARKING PLACARD AND SIGN. SEE DETAIL ON SHEET 7.
 6. PROPOSED WHEEL STOP. SEE DETAIL ON SHEET 7.
 7. ODOT ITEM 642 – PAVEMENT STRIPING (TYP). ADA PARKING TO BE BLUE. ALL OTHER MARKINGS TO BE YELLOW.
 8. ODOT ITEM 642 – PAINTED SYMBOL OF ACCESSIBILITY. SEE DETAIL ON SHEET 7.
 9. ODOT ITEM 659 – SEEDING AND MULCHING.
 10. EXISTING BOLLARD TO REMAIN.
 11. PROPOSED BOLLARD. SEE DETAIL ON SHEET 8.
 12. EXISTING POWER POLE AND GUY WIRE TO REMAIN.
 13. EXISTING ASPHALT TO BE SAW CUT AT LIMITS OF SIDEWALK.
 14. LIMITS OF CONSTRUCTION.
 15. ODOT ITEM 442 – PROPOSED ASPHALT TRAIL PAVEMENT. SEE DETAIL ON SHEET 7

LEGEND:

- 1000— EXISTING CONTOUR
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE PAVEMENT FOR ADA COMPLIANT PARKING
- PROPOSED ASPHALT TRAIL PAVEMENT
- PROPOSED SEEDING AND MULCHING
- 1 PROPOSED PARKING COUNTS



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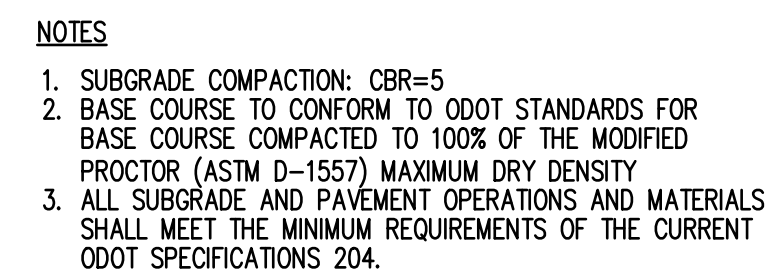
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ISSUED DATE: JULY 2026

FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
SITE IMPROVEMENT PLAN

WARNING
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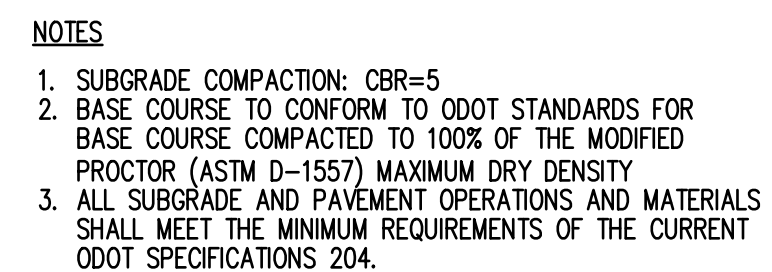


- A. LOCATE CONTROL JOINTS AS SHOWN ON PLAN OR 10' O.C. MAXIMUM. VERIFY WITH SITE REPRESENTATIVE.
- B. EXPANSION JOINTS SHALL HAVE $\frac{1}{2}$ " PREFORMED EXPANSION JOINT LOCATED AT: CONCRETE WALKS ALONG THE BUILDING, CONCRETE ENTRY STOOP AND CONCRETE WALK, THE CONCRETE PARKING PAD AND THE CURB (BOTH PROPOSED AND EXISTING CURBS), AT BOLLARDS AND SIGN POSTS WITHIN CONCRETE. JOINTS SHALL BE FLUSH WITH THE SURFACE.
- C. CONCRETE PADS OVER 4" THICK REQUIRE CONTROL JOINTS TO BE 12' O.C. MAXIMUM.

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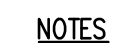
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- A. SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL.
- B. BOTTOM OF SYMBOL TO BE LOCATED 1'-6" FROM ACCESS DRIVE, INTO PARKING SPACE.
- C. SYMBOL IS REQUIRED TO CONTRAST WITH BACKGROUND.
- D. BLUE (COLOR #35180 IN FEDERAL STANDARD 595C) (2) COATS.

NOT TO SCALE



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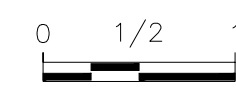


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CIVIL SITE DETAILS

WARNING



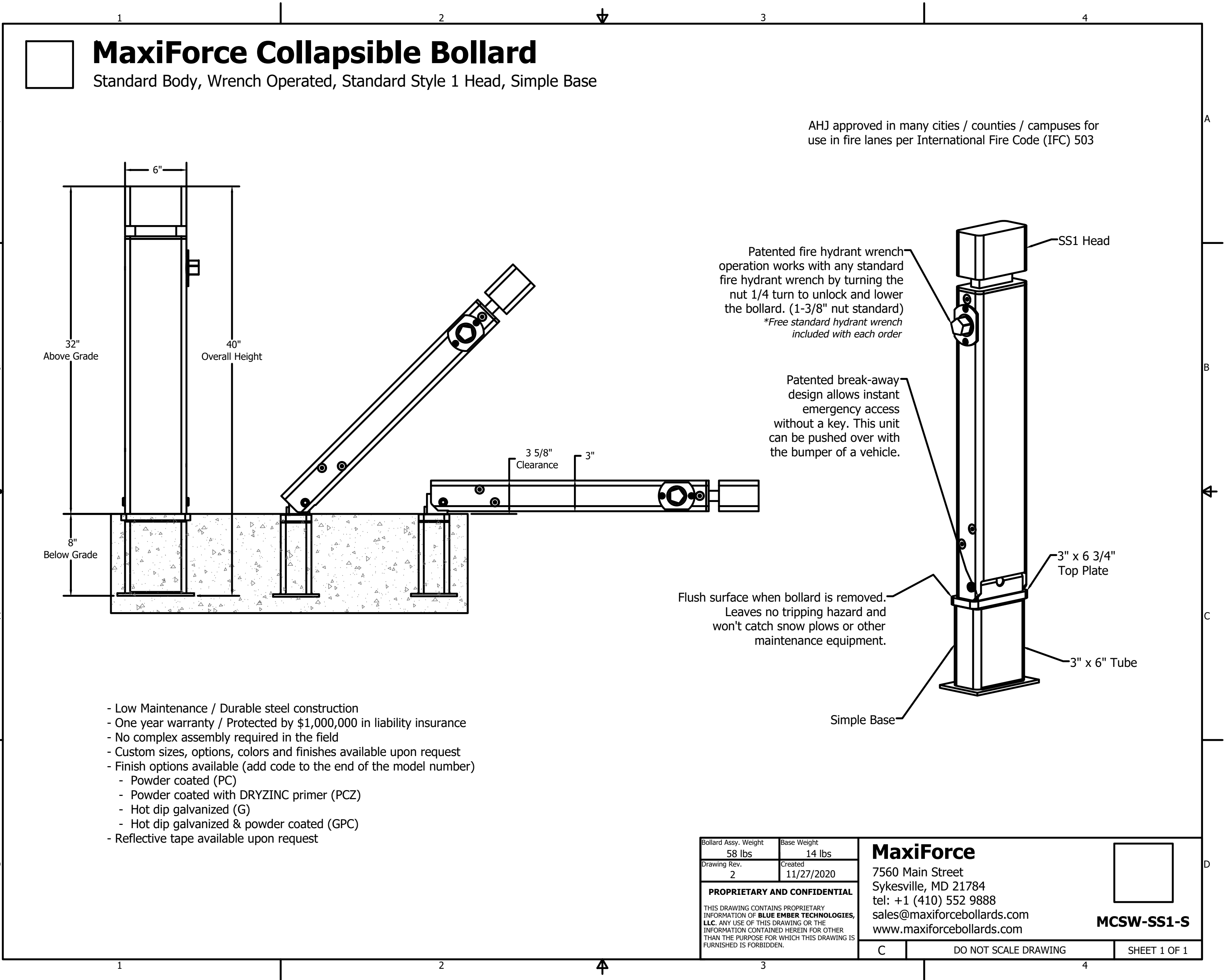
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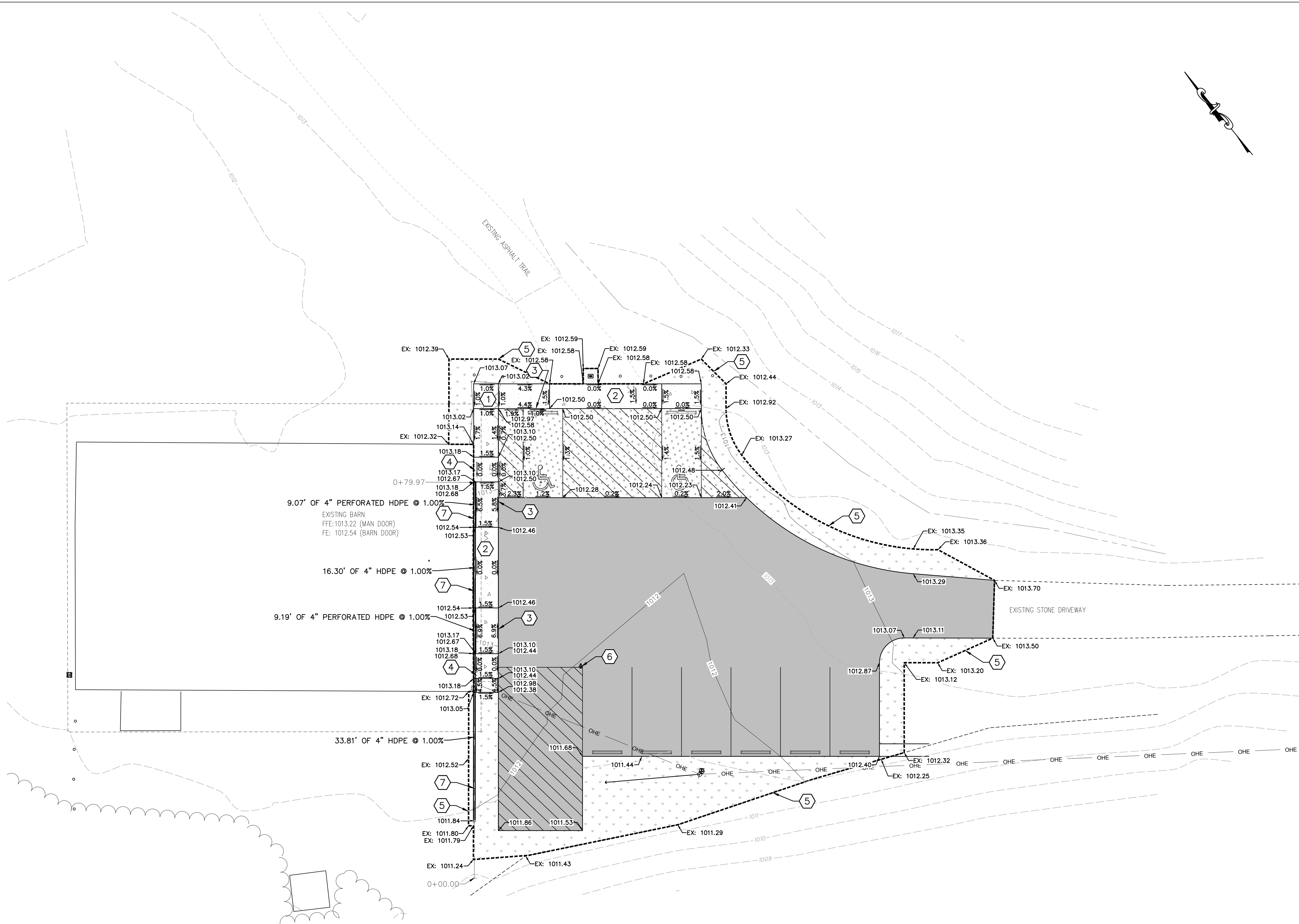
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FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
SITE DETAILS

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- KEYNOTES:** (X)
1. PROPOSED INTEGRAL CURB AND SIDEWALK. SEE DETAIL ON SHEET 7.
 2. PROPOSED AT-GRADE SIDEWALK.
 3. TRANSITION OF INTEGRAL CURB AND SIDEWALK FROM FLUSH CURB (0" REVEAL) TO FULL CURB REVEAL (6" TO 8") OVER LENGTH SHOWN ON PLANS.
 4. PROPOSED BUILDING ENTRY STOOP. SEE DETAIL ON SHEET 7.
 5. LIMITS OF CONSTRUCTION.
 6. ADJUST EXISTING VALVE TO PROPOSED GRADE.
 7. PROPOSED STORM DRAIN. SEE SHEET X FOR PROFILE AND DETAILS.

LEGEND:

- 1000 PROPOSED MAJOR CONTOUR
- 1001 PROPOSED MINOR CONTOUR
- 1000 EXISTING CONTOUR
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK WITH INTEGRAL CURB
- PROPOSED CONCRETE PAVEMENT FOR ADA COMPLIANT PARKING
- PROPOSED ASPHALT TRAIL PAVEMENT
- PROPOSED SEEDING AND MULCHING
- XXXX.XX PROPOSED SPOT ELEVATION
- XXXX.XX
XXXX.XX PROPOSED CURB ELEVATION
- EX: XXXX.XX EXISTING SPOT ELEVATION
- 1.0% PROPOSED SLOPE



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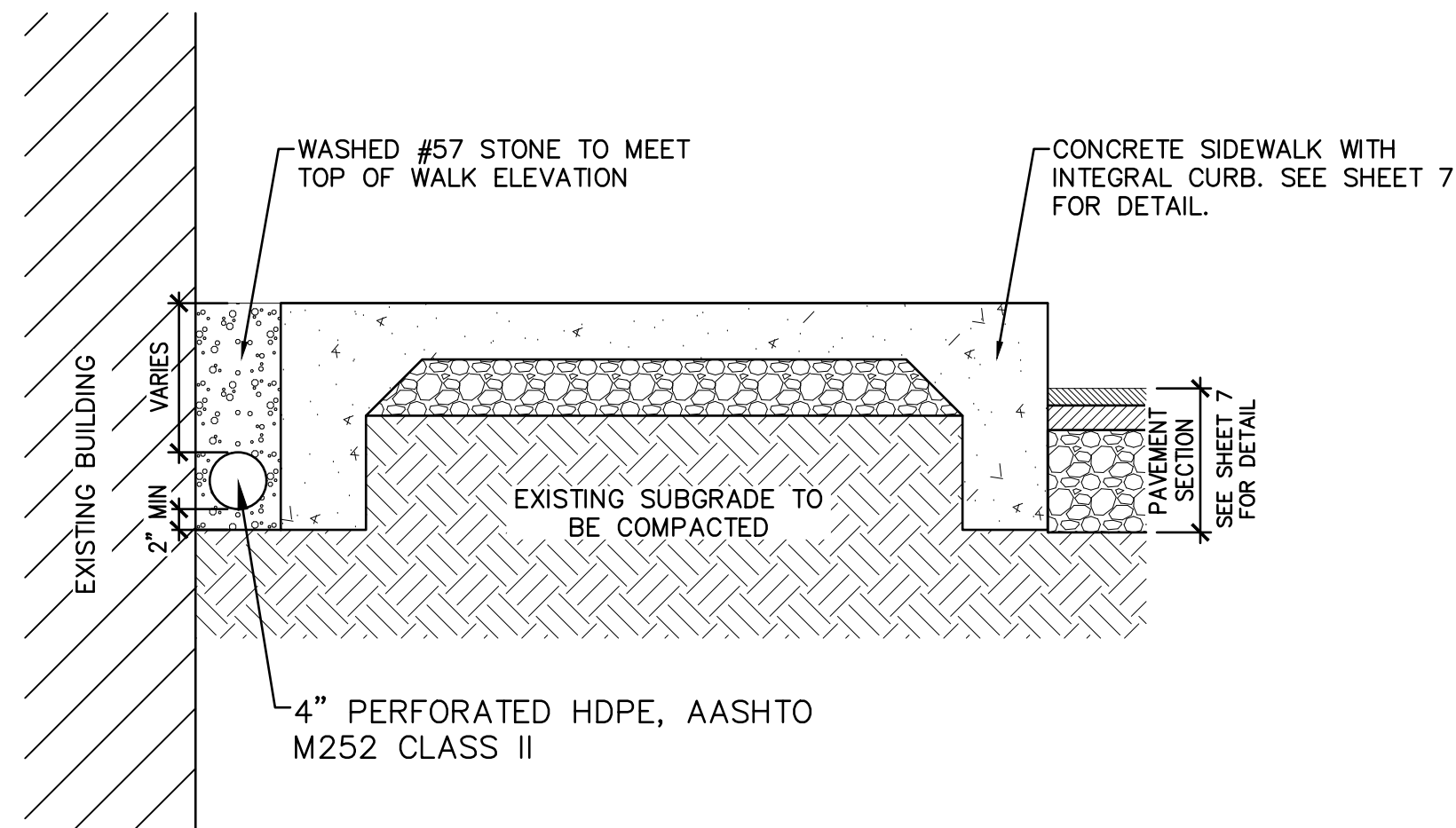
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FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

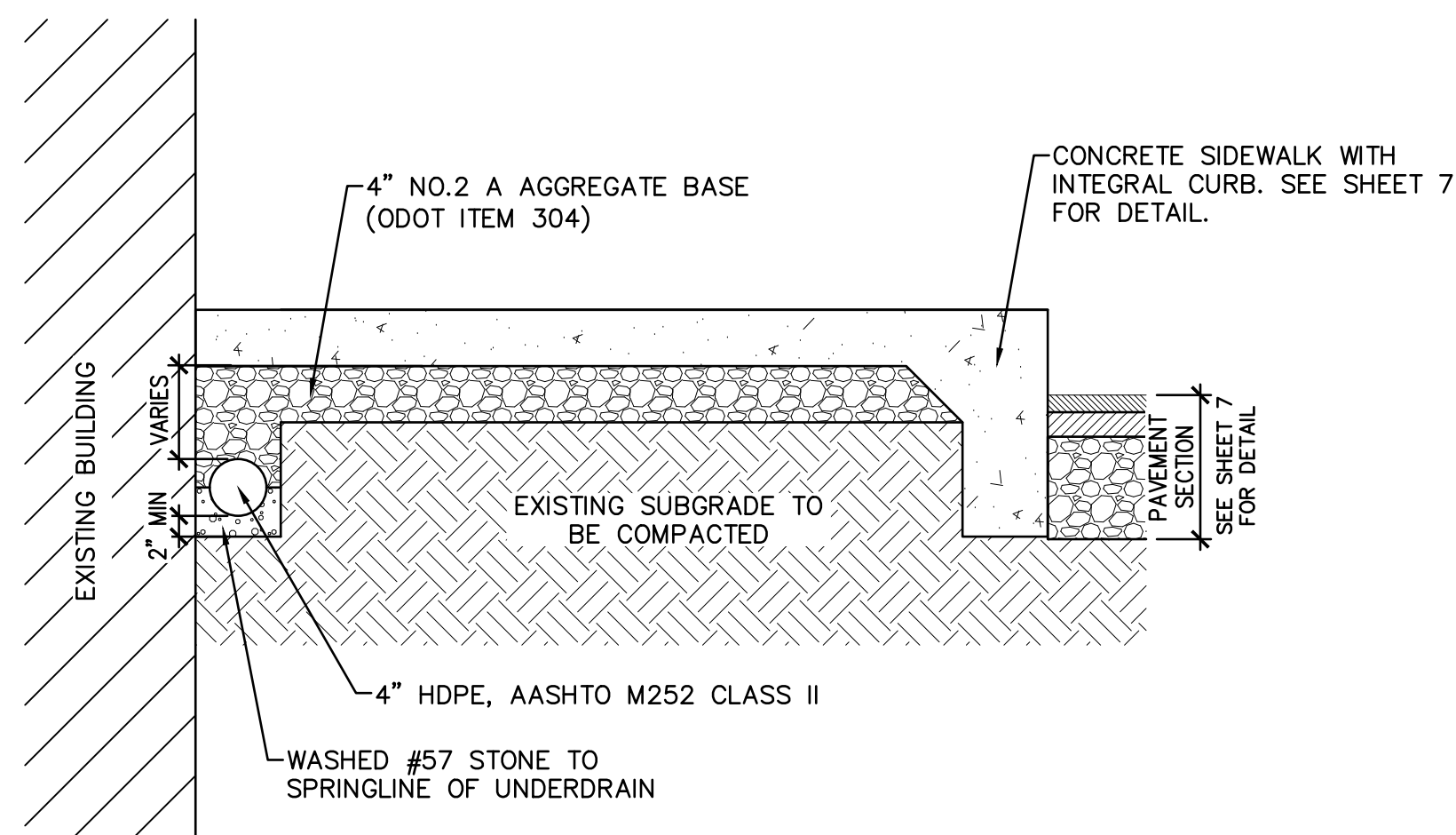
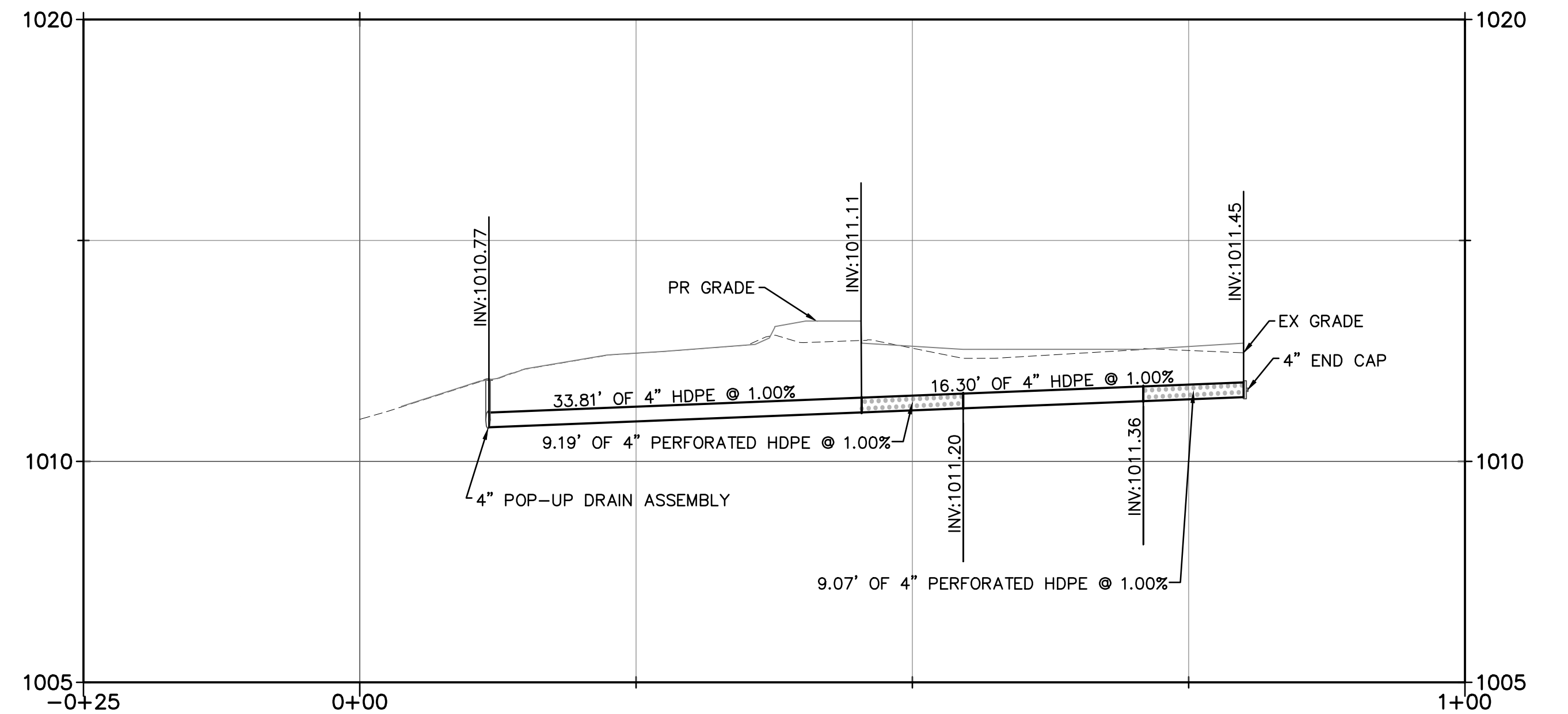
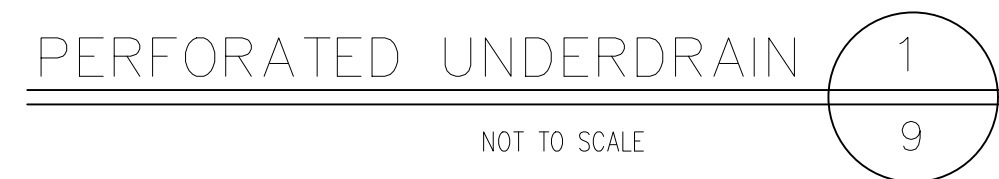
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GRADING PLAN

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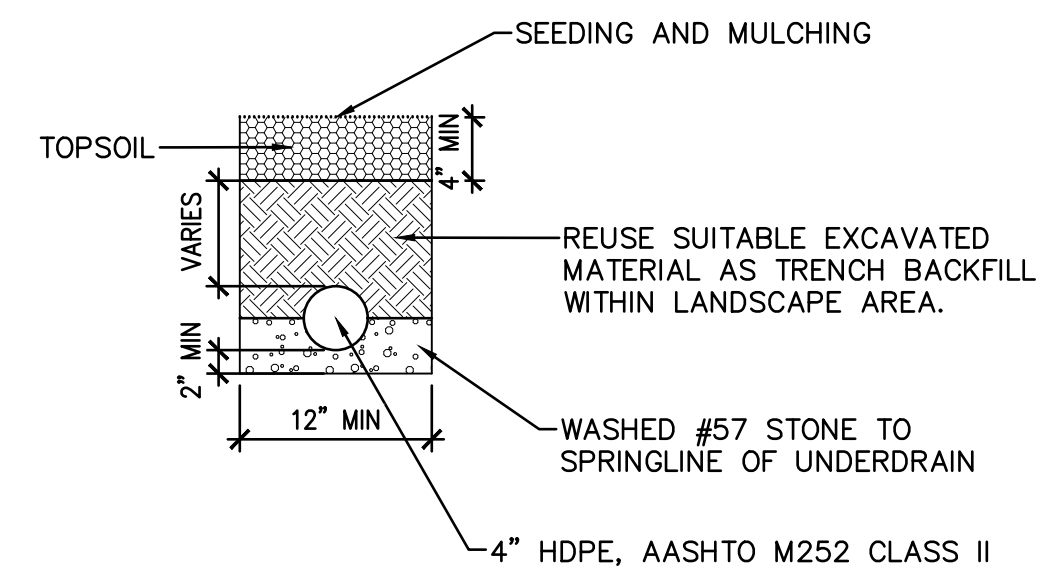
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9 OF 13
9



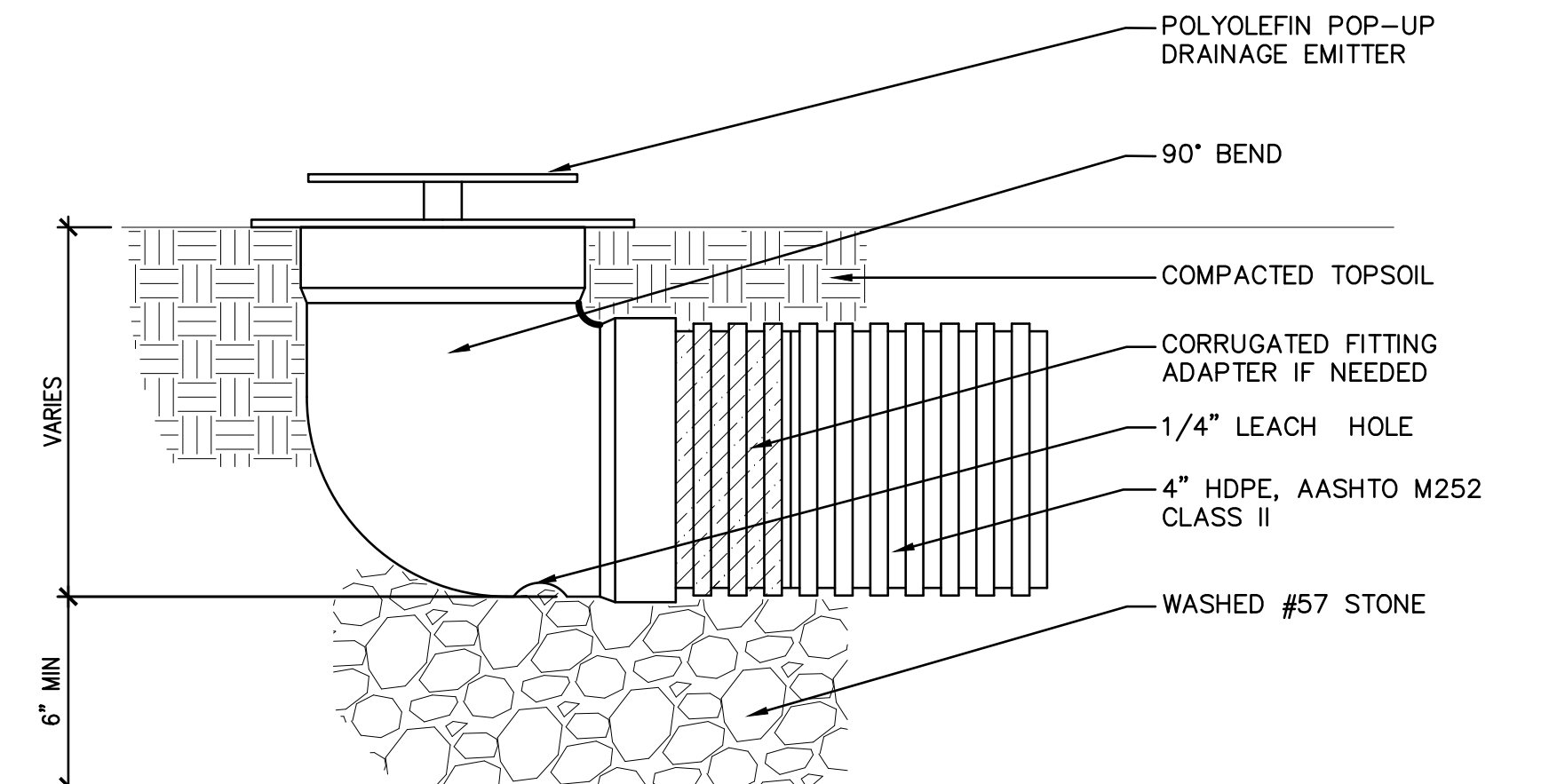
A. UNDERDRAIN INVERT ELEVATIONS TO FOLLOW PROPOSED PROFILE ON SHEET 8.
B.



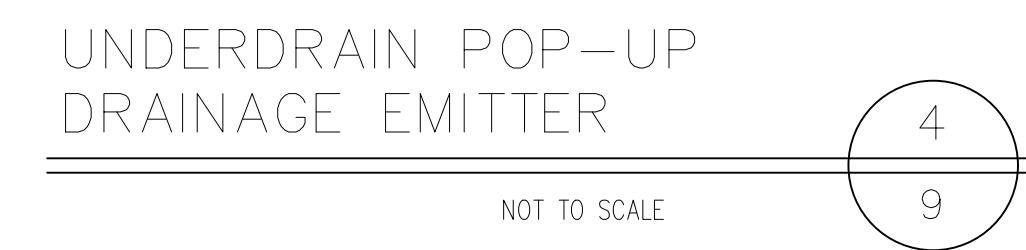
A. UNDERDRAIN INVERT ELEVATIONS TO FOLLOW PROPOSED PROFILE ON SHEET 8.
B.



A. UNDERDRAIN INVERT ELEVATIONS TO FOLLOW PROPOSED PROFILE ON SHEET 8.
B.



A. SEE PLAN SHEET 9 FOR LOCATION AND ELEVATION.
B. SEE PROFILE ON SHEET 10.
C. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



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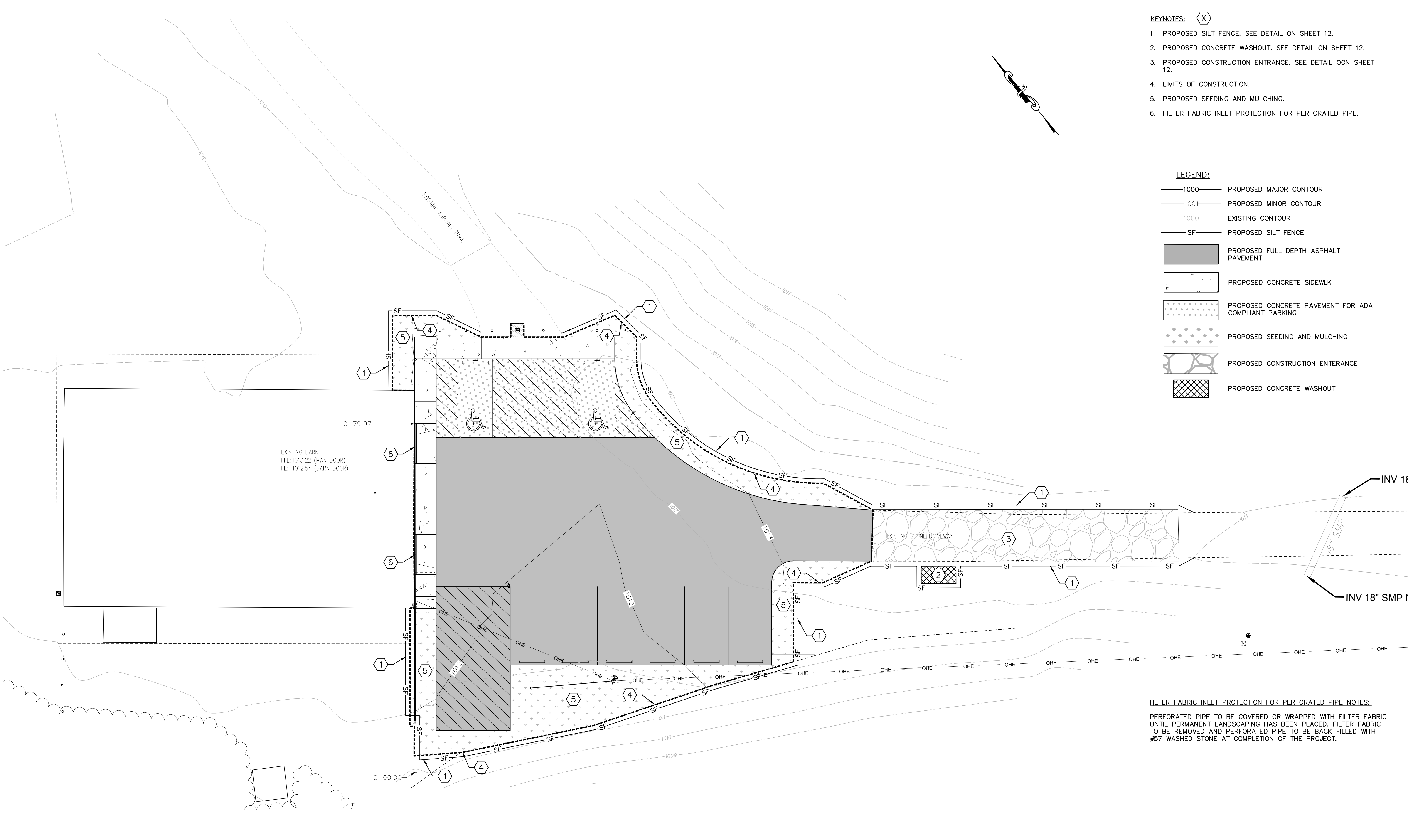
FRY FAMILY PARK PARKING LOT IMPROVEMENTS

CIVIL SITE DETAILS

IF THIS BAR DOES
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- KEYNOTES:** (X)
1. PROPOSED SILT FENCE. SEE DETAIL ON SHEET 12.
 2. PROPOSED CONCRETE WASHOUT. SEE DETAIL ON SHEET 12.
 3. PROPOSED CONSTRUCTION ENTRANCE. SEE DETAIL OON SHEET 12.
 4. LIMITS OF CONSTRUCTION.
 5. PROPOSED SEEDING AND MULCHING.
 6. FILTER FABRIC INLET PROTECTION FOR PERFORATED PIPE.

- LEGEND:**
- 1000 PROPOSED MAJOR CONTOUR
 - 1001 PROPOSED MINOR CONTOUR
 - 1000 EXISTING CONTOUR
 - SF PROPOSED SILT FENCE
 - PROPOSED FULL DEPTH ASPHALT PAVEMENT
 - PROPOSED CONCRETE SIDEWLK
 - PROPOSED CONCRETE PAVEMENT FOR ADA COMPLIANT PARKING
 - PROPOSED SEEDING AND MULCHING
 - PROPOSED CONSTRUCTION ENTERANCE
 - PROPOSED CONCRETE WASHOUT

FILTER FABRIC INLET PROTECTION FOR PERFORATED PIPE NOTES:

PERFORATED PIPE TO BE COVERED OR WRAPPED WITH FILTER FABRIC UNTIL PERMANENT LANDSCAPING HAS BEEN PLACED. FILTER FABRIC TO BE REMOVED AND PERFORATED PIPE TO BE BACK FILLED WITH #57 WASHED STONE AT COMPLETION OF THE PROJECT.

		STARK COUNTY PARK DISTRICT 5712 12TH STREET NW CANTON, OH 44708 330-477-3552	<table><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>													<table><tr><td>DESIGNED BY: DCG</td></tr><tr><td>DRAWN BY: DCG</td></tr><tr><td>SHEET CHK'D BY: MSE</td></tr><tr><td>CROSS CHK'D BY: </td></tr><tr><td>APPROVED BY: </td></tr><tr><td>ISSUED DATE: JULY 2026</td></tr></table>	DESIGNED BY: DCG	DRAWN BY: DCG	SHEET CHK'D BY: MSE	CROSS CHK'D BY:	APPROVED BY:	ISSUED DATE: JULY 2026	FRY FAMILY PARK PARKING LOT IMPROVEMENTS	CIVIL EROSION CONTROL PLAN	WARNING 0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE	0 5 10 SCALE: 1"=10'
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GENERAL STORMWATER POLLUTION PREVENTION NOTES

1. EROSION CONTROL SHALL BE MAINTAINED AT ALL TIMES. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH ODOT ITEM 659. INLET FILTERS, FILTER SOCKS, CONCRETE WASHOUTS, AND OTHER EROSION CONTROL ITEMS THE EPA MAY REQUIRE SHALL BE INSTALLED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR.
2. ALL WORK SPECIFIED AS AN ODOT ITEM SHALL BE GOVERNED BY THE CURRENT STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION HANDBOOK. OTHER ITEMS SHALL CONFORM TO SPECIFICATIONS CONTAINED IN THE CURRENT ODNR MANUAL – RAINWATER AND LAND DEVELOPMENT, UNLESS OTHERWISE NOTED.
3. ALL EXISTING CATCH BASINS OR INLETS WHICH COLLECT STORM RUNOFF FROM AREAS WITHIN THE WORK LIMITS SHALL HAVE INLET PROTECTION INSTALLED AROUND THEM.
4. AT A MINIMUM, ALL STOCKPILES SHALL HAVE FILTER SOCK PLACED 10’ OFF AND ALONG THE BOTTOM FOOTPRINT OF THE FINAL STOCKPILE CONFIGURATION. IF THE STOCKPILE WILL BE INACTIVE FOR 14 DAYS OR MORE, THEN THE SURFACE SHALL BE SEEDED, OR STABILIZED WITHIN 7 DAYS OF LAST ACTIVITY. STOCKPILES SHALL NOT BE LOCATED ON PRIVATE PROPERTY.
5. THE CONTRACTOR SHALL PREVENT DISCHARGE OF WASTE CONCRETE AND/OR WASH WATER FROM CONCRETE TRUCKS FROM MIXING WITH RUNOFF AND LEAVING THE SITE. THE CONTRACTOR SHALL SIZE THE CONCRETE WASHOUT PITS TO HANDLE HIS PROPOSED CONCRETE OPERATIONS AND SHALL MAINTAIN THE PITS SUCH THAT ALL CONCRETE TRUCKS CAN USE IT TO WASHOUT. ALL CURED RESIDUE FROM THE PITS SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. THE WASHOUT PIT LOCATIONS SHALL BE SELECTED BY THE CONTRACTOR AND MAY BE MOVED TO BETTER FIT THE CONTRACTOR’S METHODS, BUT SHALL NOT BE LOCATED ON PRIVATE PROPERTY. WASHOUT PITS SHALL BE AT LEAST 50 FEET FROM CATCH BASINS.
6. THE CONTRACTOR SHALL LIMIT THE SURFACE AREA OF ERODABLE EARTH MATERIAL EXPOSED BY EXCAVATION, BORROW AND FILL OPERATIONS AND PROVIDE IMMEDIATE PERMANENT OR TEMPORARY CONTROL MEASURES TO PREVENT CONTAMINATION OF STORM RUNOFF.
7. GROUNDWATER AND STORMWATER DRAINAGE BEARING SEDIMENT SHALL BE FILTERED USING PUMPED WATER FILTER BAG OR PONDED TO ALLOW REMOVAL OF SILT, SEDIMENT, DEBRIS AND OTHER POLLUTANTS PRIOR TO DISCHARGE FROM THE SITE. THE SETTLED MATERIAL SHALL BE DISPOSED OF IN A STABILIZED LOCATION WHERE IT WILL NOT BE CARRIED OFF–SITE OR INTO A STORM SEWER BY RAINFALL. WATER WITH A VISIBLE SHEEN SHALL BE REMOVED BY A VACUUM TRUCK. THERE SHALL BE NO TURBID OR MURKY DISCHARGES TO SURFACE WATERS OF THE STATE RESULTING FROM DEWATERING ACTIVITIES. TRENCH OR GROUND WATER CONTAINING SEDIMENT OR OTHER POLLUTANTS SHALL PASS THROUGH A SEDIMENT TRAP OR PUMPED WATER FILTER BAG PRIOR TO BEING DISCHARGED FROM THE CONSTRUCTION SITE. GROUND WATER WHICH DOES NOT CONTAIN SEDIMENT OR OTHER POLLUTANTS IS NOT REQUIRED TO BE TREATED PRIOR TO DISCHARGE. CLEAN GROUND WATER SHALL NOT BE DICHARGED OVER DISTURBED SOILS OR OTHER POLLUTANT SOURCES, OR ERODE DISCHARGE AREA.
8. THE CONTRACTOR SHALL CONTROL THE TRACKING OF DIRT AND MUD FROM CONSTRUCTION VEHICLES ONTO ADJACENT STREETS.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL SEDIMENT AND EROSION CONTROL ITEMS AT ANY OFF–SITE BORROW OR SPOIL AREAS REQUIRED FOR THIS PROJECT.
10. THE FOLLOWING TYPES OF INLET PROTECTION DEVICES SHALL BE USED:

A. CURB AND GRATE INLETS–DANDY CURB SACK, FLEXSTORM CATCH–IT INLET FILTER, OR ACCEPTED EQUAL.

B. GRATE ONLY INLETS–DANDY SACK, FLEXSTORM CATCH–IT FILTER, OR ACCEPTED EQUAL.

11. FOR SEWERS AND WATER MAINS CONSTRUCTED BY OPEN–CUT METHODS, THE CONTRACTOR SHALL INSTALL, MAINTAIN, AND SUBSEQUENTLY REMOVE INLET PROTECTION SYSTEMS ON ALL CATCH BASIN/INLET BASINS THAT ARE WITHIN THE CONTRIBUTING DRAINAGE AREAS OF THE TRENCHING OPERATION. THE INLET PROTECTION SYSTEMS SHALL BE REMOVED AFTER THE PAVEMENT HAS BEEN REPLACED AND GRASS ESTABLISHED IN NON–PAVED AREAS. INSTALL INLET PROTECTION SYSTEMS PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES WITHIN THE CONTRIBUTING DRAINAGE AREA OF CATCH BASINS/INLET BASINS.

INSPECTION AND MAINTENANCE DURING CONSTRUCTION

1. ALL TEMPORARY AND PERMANENT EROSION CONTROL PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL SEDIMENT CONTROL PRACTICES SHALL BE MAINTAINED UNTIL ALL UPSLOPE AREAS ARE PERMANENTLY STABILIZED. THE CONTRACTOR SHALL COMPLY WITH THE MAINTENANCE REQUIREMENTS FOR THE PROPOSED EROSION CONTROLS.
2. THE CONTRACTOR SHALL INSPECT EROSION CONTROL PRACTICES. AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY–FOUR (24) HOURS AFTER ANY STORM EVENT WHICH PRODUCES 0.5 INCHES OR MORE OF PRECIPITATION WITHIN IN TWENTY–FOUR (24) HOURS. INSPECTIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL. INSPECTIONS INCLUDE IDENTIFYING AREAS CONTRIBUTING TO STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES, EVALUATING WHETHER MEASURES TO PREVENT EROSION AND CONTROL POLLUTANT LOADINGS IDENTIFIED ON THE PLAN ARE ADEQUATE AND PROPERLY IMPLEMENTED, AND WHETHER ADDITIONAL CONTROL MEASURES ARE REQUIRED. DISTURBED AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THIS PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING WATERS. LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE TRACKING. WHEN A CONTROL IS NON–FUNCTIONING OR DEFICIENT, IT SHALL BE ADDED TO A CORRECTIVE ACTION LOG AND REPAIRED BY THE CONTRACTOR. ALL REPORTS SHALL BE EMAILED WEEKLY TO THE ENGINEER. NO PAYMENT WILL BE MADE UNLESS THE ENGINEER RECEIVES WEEKLY REPORTS.
- A. WHEN PRACTICES REQUIRE REPAIR OR MAINTENANCE: IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE IS IN NEED OF REPAIR OR MAINTENANCE, WITH EXCEPTION OF A SEDIMENT TRAP, IT SHALL BE REPAIRED OR MAINTAINED WITHIN THREE DAYS OF INSPECTION.
- B. WHEN PRACTICES FAIL TO PROVIDE THEIR INTENDED FUNCTION: IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE FAILS TO PERFORM ITS INTENDED FUNCTION AND THAT ANOTHER MORE APPROPRIATE CONTROL PRACTICE IS REQUIRED, A NEW CONTROL PRACTICE SHALL BE INSTALLED WITHIN 10 DAYS OF INSPECTION.
- C. WHEN PRACTICES DEPICTED ON THE PLANS ARE NOT INSTALLED: IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE HAS NOT BEEN IMPLEMENTED IN ACCORDANCE WITH THE PLANS, A NEW CONTROL PRACTICE SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.

STABILIZATION
PERMANENT AND TEMPORARY STABILIZATION MEASURES ARE DEFINED IN PART VII OF THE OEPA GENERAL PERMIT AUTHORIZATION FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM, AS STATED BELOW.

SEEDING OR MULCHING PER ODOT ITEM 659 SHALL BE USED FOR STABILIZATION.

SEE PLANS AND SPECIFICATIONS FOR PERMANENT SEEDING REQUIREMENTS. THE PRICE BID FOR PERMANENT AND TEMPORARY SEEDING AND MULCHING SHALL BE INCLUDED UNDER BID ITEM FOR EROSION AND SEDIMENT CONTROL.

TABLE 1: PERMANENT STABILIZATION	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROL
ANY AREA THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREA WITHIN 50 FT. 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

TABLE 2: TEMPORARY STABILIZATION	
ANY DISTURBED AREAS WITHIN 50 FT. OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE	TIME FRAME TO APPLY EROSION CONTROL
ANY DISTURBED AREAS WITHIN 50 FT. 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
ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FT. OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO ONSET OF WINTER WEATHER (NOV. 1) USE MULCH AND DORMANT SEEDING



**STARK COUNTY
PARK DISTRICT**
5712 12TH STREET NW
CANTON, OH 44708
330-477-3552

REV NO	DATE	ISSUED BY	REMARKS

DESIGNED BY: _____ DCG _____
DRAWN BY: _____ DCG _____
SHEET CHK'D BY: _____ MSE _____
CROSS CHK'D BY: _____
APPROVED BY: _____
ISSUED DATE: _____ JULY 2026.

FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
EROSION CONTROL NOTES

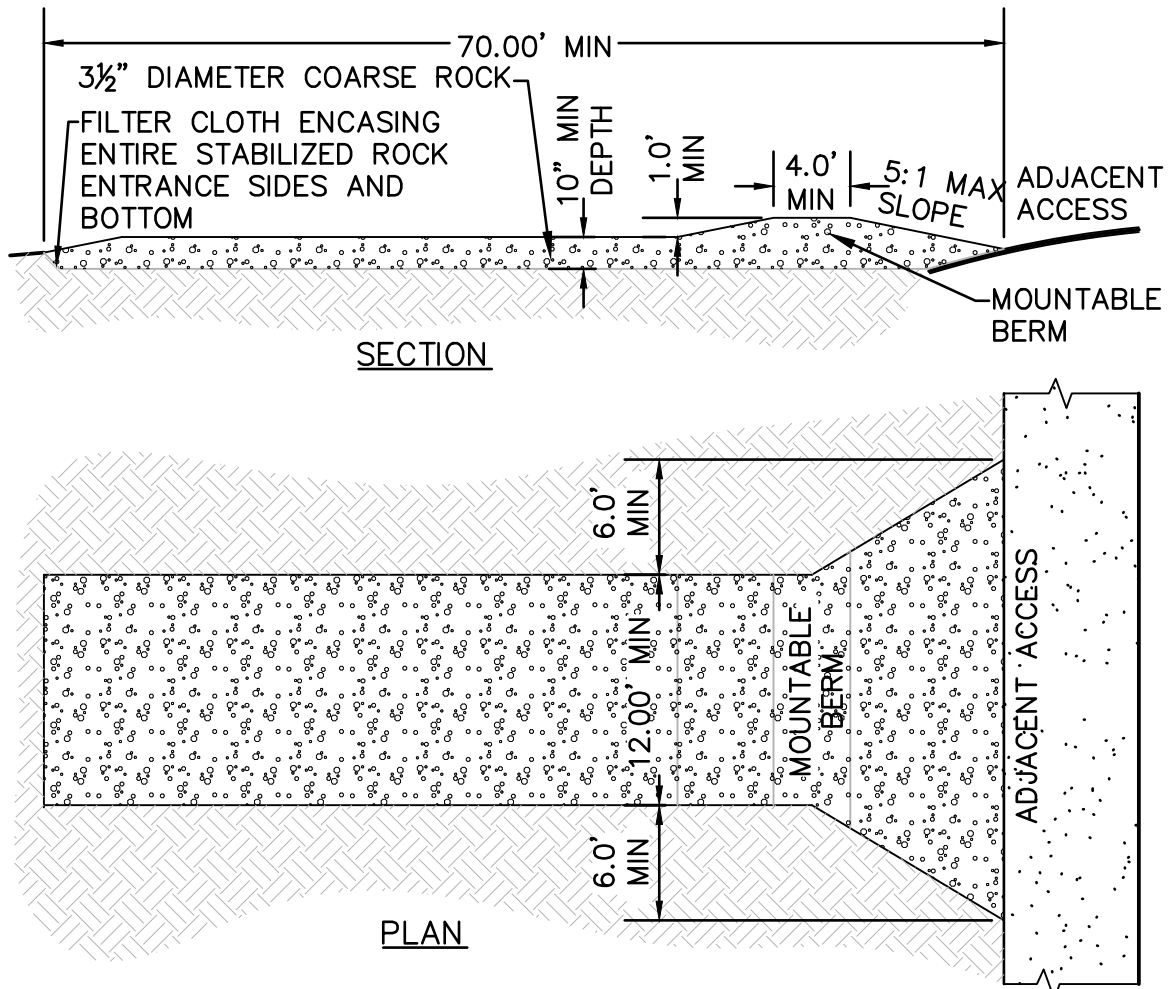
WARNING
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

N.T.S.

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12

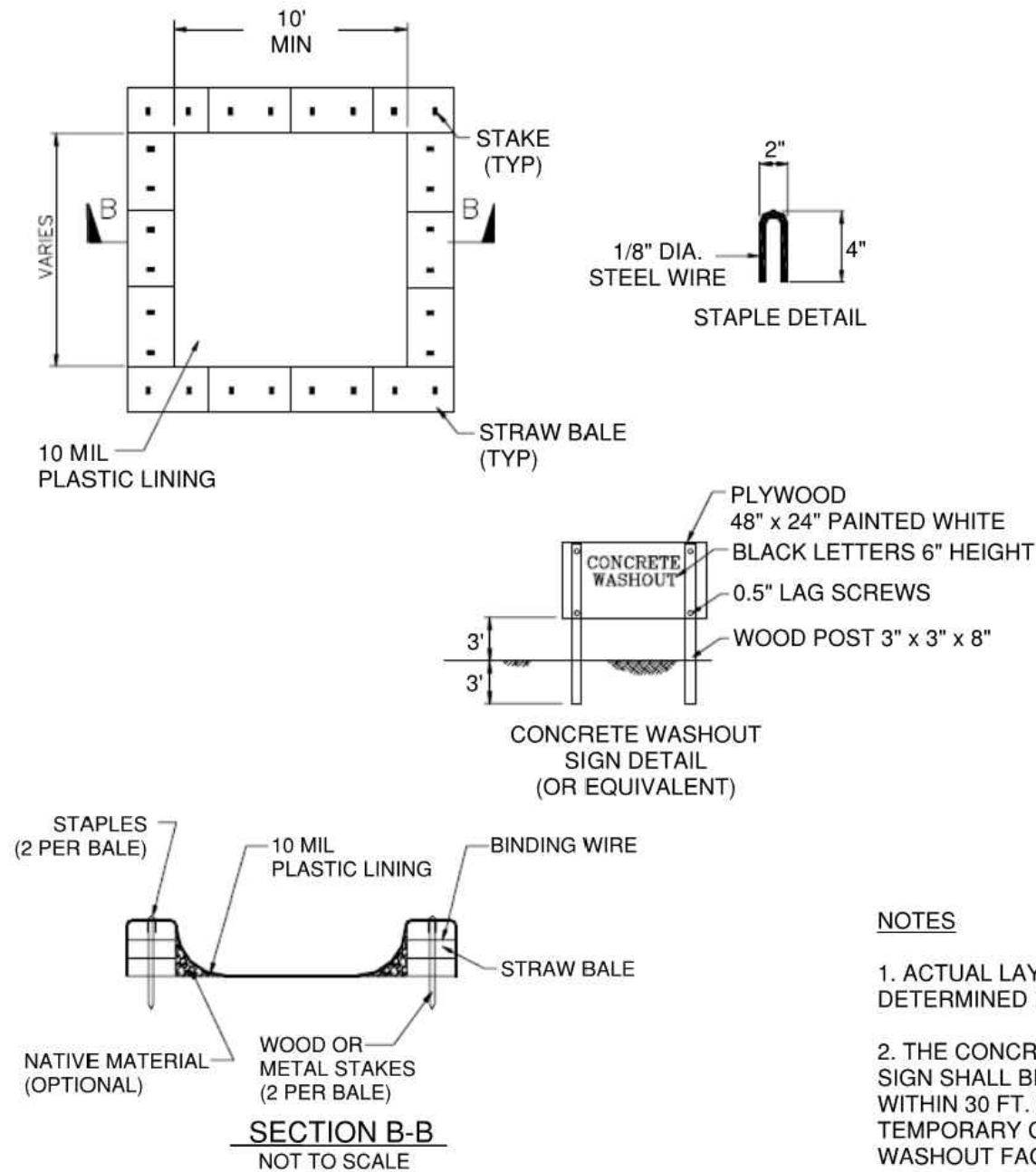
x:\Projects\2026\2622\505400 Stark County Fry F\01_ConstDocs\CAD\Sheet_Files\SWPPP NOTES AND DETAILS.dwg 8/17/2026 10:28:14 AM Derek Gustafson



- NOTES:
- STONE SIZE – USE #2 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
 - LENGTH – AS REQUIRED, BUT NOT LESS THAN 100 FEET
 - DEPTH – NOT LESS THAN TEN (10) INCHES
 - WIDTH – TWENTY (20) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS
 - FILTER CLOTH – PLACE OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED
 - MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. USE WATERING TRUCK OR ONSITE SUPPLY AS AVAILABLE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT. CONTRACTOR SHALL HAVE A VACUUM STREET CLEANER ONSITE AT ALL TIMES AND STREET SWEEPING SHALL BE REQUIRED WHEN DIRECTED BY THE CITY ENGINEER.

STABILIZED CONSTRUCTION ENTRANCE

SCALE: NONE



NOTES

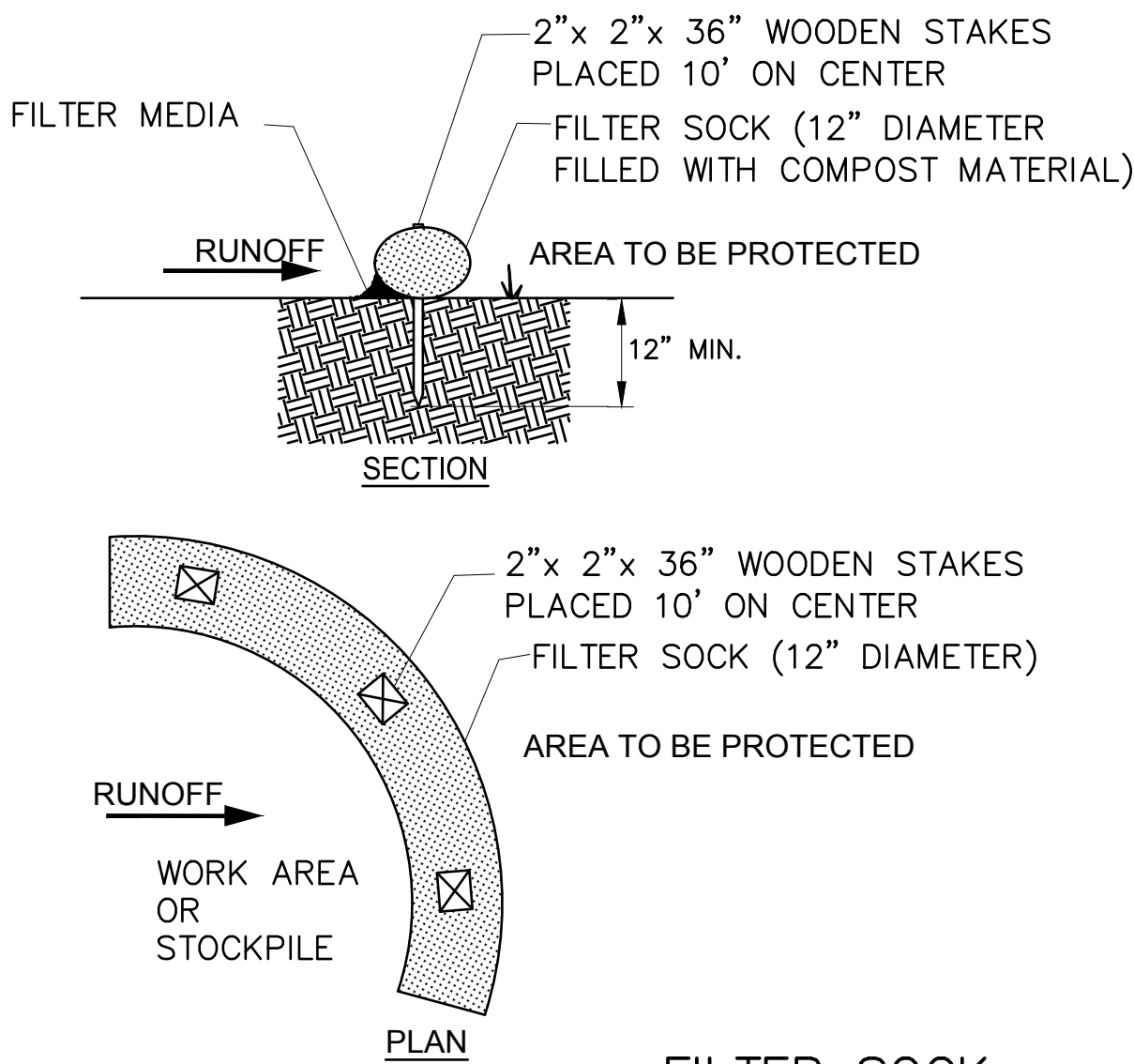
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOTES:

1. TEMPORARY CONCRETE WASHOUT WILL BE CONSTRUCTED AS SHOWN ABOVE GRADE WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FT. THE ACTUAL LAYOUT AND LOCATION IS TO BE DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITH 30 FT OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. THE WASHOUT SHALL BE LOCATED A MINIMUM OF 50 FT AWAY FROM THE STORM DRAIN INLETS.
4. PLASTIC LINING WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
5. OPERATION: CHECK WASHOUTS DAILY TO DETERMINE IF THEY HAVE BEEN FILLED TO 75 PERCENT CAPACITY, WHICH IS WHEN MATERIALS NEED TO BE REMOVED. INSPECT DAILY TO ENSURE THAT PLASTIC LININGS ARE INTACT AND SIDEWALLS HAVE NOT BEEN DAMAGED BY CONSTRUCTION ACTIVITIES. PREFABRICATED WASHOUT CONTAINERS SHOULD BE INSPECTED DAILY AS WELL TO ENSURE THE CONTAINER IS NOT LEAKING OR NEARING 75 PERCENT CAPACITY. INSPECTORS SHOULD ALSO NOTE WHETHER THE FACILITIES ARE BEING USED REGULARLY; IF DRIVERS HAVE WASHED OUT THEIR CHUTES OR HOPPERS IN OTHER LOCATIONS, YOU SHALL PROPERLY DISPOSE OF WASHED OUT MATERIALS; PROVIDE MORE EDUCATION, INSTALL ADDITIONAL SIGNAGE, OR PLACE ADDITIONAL WASHOUTS IN MORE CONVENIENT LOCATIONS.
6. MATERIAL REMOVAL:
 - 6.1. CONCRETE WASHOUTS ARE DESIGNED TO PROMOTE EVAPORATION WHERE FEASIBLE. HOWEVER, IF STORED LIQUIDS HAVE NOT EVAPORATED AND THE WASHOUT IS NEARING CAPACITY, VACUUM AND DISPOSE IN AN APPROVED MANNER– CHECK WITH THE LOCAL SANITARY SEWER AUTHORITY TO DETERMINE IF THERE ARE SPECIAL DISPOSAL REQUIREMENTS FOR CONCRETE WASHOUT WATER. REMOVE LIQUIDS OR COVER THE STRUCTURES BEFORE PREDICTED RAINSTORMS TO PREVENT OVERFLOWS. COMPANIES THAT OFFER PREFABRICATED AND WATERTIGHT WASHOUT CONTAINERS GENERALLY OFFER A VACUUM SERVICE TO REMOVE THE LIQUID MATERIAL.
 - 6.2. YOU CAN REMOVE HARDENED SOLIDS WHOLE OR YOU CAN BREAK THEM UP FIRST DEPENDING ON THE TYPE OF EQUIPMENT AVAILABLE AT YOUR SITE. YOU CAN THEN REUSE THE SOLIDS ONSITE OR HAUL THEM AWAY FOR RECYCLING– CRUSHED CONCRETE MAKES EXCELLENT AGGREGATE FOR ROADBEDS AND OTHER BUILDING APPLICATIONS. CHECK WITH YOUR LOCAL RECYCLING AGENCY TO IDENTIFY OPPORTUNITIES FOR CONCRETE RECYCLING.
 - 6.3. WHEN YOU REMOVE MATERIALS FROM THE CONCRETE WASHOUT, BUILD A NEW STRUCTURE, OR IF THE PREVIOUS STRUCTURE IS STILL INTACT, INSPECT THE WHOLE STRUCTURE FOR SIGNS OF WEAKNESS OR DAMAGE AND MAKE ANY NECESSARY REPAIRS. LINE THE STRUCTURES WITH NEW PLASTIC THAT IS FREE OF HOLES OR TEARS AND REPLACE SIGNAGE IF NECESSARY. IT IS VERY IMPORTANT THAT NEW PLASTIC IS USED AFTER EVERY CLEANING BECAUSE PUMPS AND CONCRETE REMOVAL EQUIPMENT CAN DAMAGE THE EXISTING LINER.

TEMPORARY CONCRETE WASHOUT PIT (ABOVE GRADE)

SCALE: NOT TO SCALE



FILTER SOCK

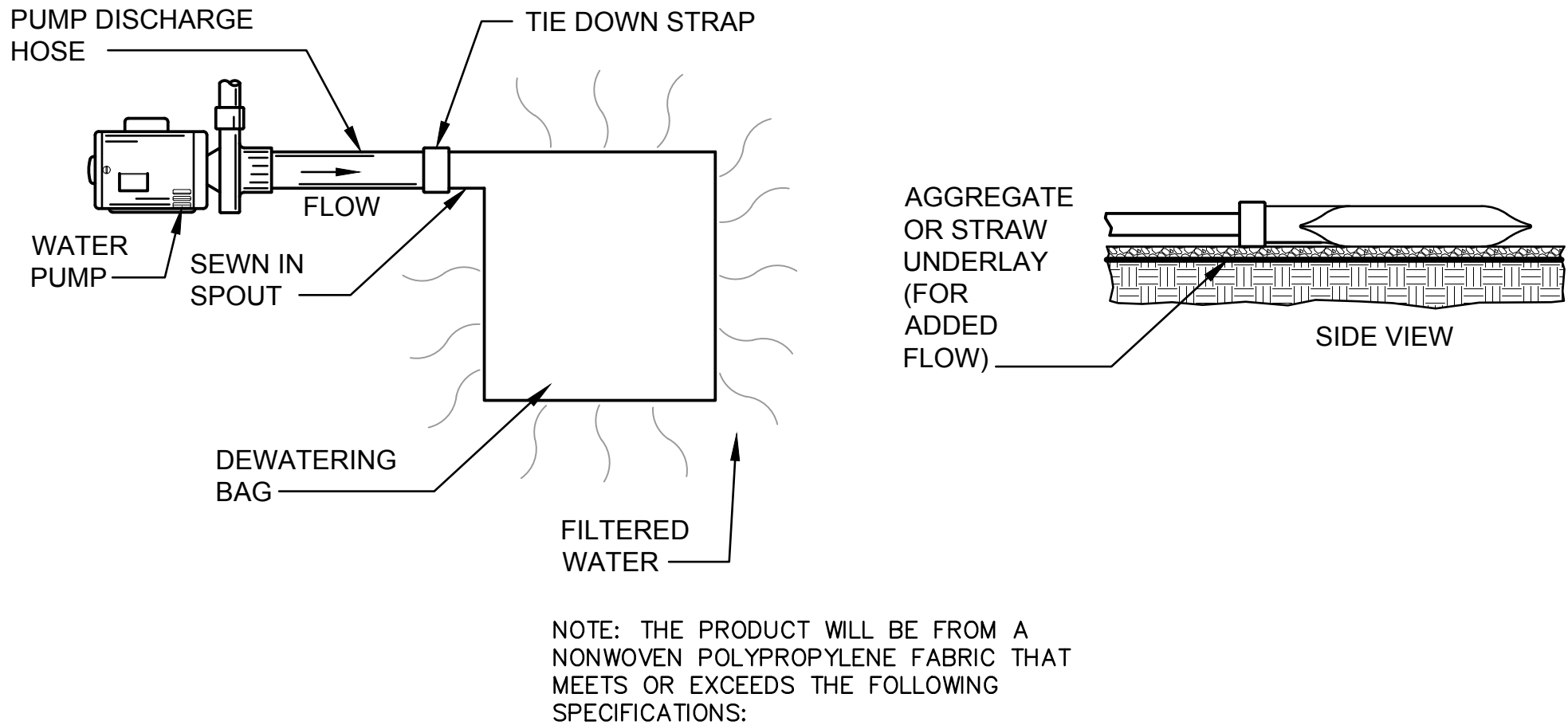
SCALE: NOT TO SCALE

NOTES:

1. COMPOST MATERIAL SHALL MEET APPLICATION REQUIREMENTS.
2. COMPOST MATERIAL AND FILTER SOCK SHALL BE REMOVED FROM SITE AS DETERMINED BY CITY WHEN AREAS HAVE REACHED FINAL STABILIZATION.

INSTALLATION: INSTALL PER MANUFACTURER'S RECOMMENDED SPECIFICATIONS. FILTER SOCK SHALL BE PLACED IN LOCATIONS SHOWN ON THE PLAN OR AS DIRECTED BY THE CITY. FILTER SOCK SHALL BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR OTHER DISTURBED AREA. IN EXTREME CONDITIONS (I.E. 2:1), A SECOND FILTER SOCK SHALL BE CONSTRUCTED AT THE TOP OF THE SLOPE. EFFECTIVE SOCK HEIGHT IN THE FIELD SHOULD BE AS FOLLOWS: 12" DIAMETER FILTER SOCK = 9.5" HIGH; 24" DIAMETER FILTER SOCK= 19" HIGH. STAKES SHALL BE INSTALLED THROUGH THE MIDDLE OF THE FILTER SOCK ON 10' CENTERS USING 2" BY 2" BY 3' HARD WOOD STAKES. STAKING DEPTH FOR SAND AND SILT LOAM SOILS SHALL BE 12". LOOSE COMPOST SHALL BE BACKFILLED ALONG THE UPSLOPE SIDE OF THE FILTER SOCK FILLING THE SEAM BETWEEN THE SOIL SURFACE AND THE DEVICES, IMPROVING FILTRATION AND SEDIMENT RETENTION. THIS FILTER SOCK IS NOT TO BE USED IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.

INSPECTION AND MAINTENANCE: THE FILTER SOCK SHALL BE MAINTAINED IN A FUNCTIONAL CONDITION AT ALL TIMES AND SHALL BE ROUTINELY INSPECTED. INSPECT WITHIN 24 HOURS OF A 0.5 INCH STORM EVENT AND AT LEAST ONCE A WEEK. MAKE SURE FILTER SOCK HAS MAINTAINED ITS SHAPE AND IS PRODUCING ADEQUATE HYDRAULIC FLOW-THROUGH. IF PONDING BECOMES EXCESSIVE, ADDITIONAL FILTER SOCK MAY BE REQUIRED TO REDUCE EFFECTIVE SLOPE LENGTH OR SEDIMENT REMOVAL MAY BE NECESSARY. IF THE FILTER SOCK HAS BEEN DAMAGED OR HAS LOST ITS SHAPE, IT SHALL BE REPAIRED OR REPLACED. REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE FILTER SOCK WHEN ACCUMULATION HAS REACHED 1/3 OF THE EFFECTIVE HEIGHT OF THE CONTROL. FILTER SOCK SHALL BE MAINTAINED UNTIL THE DISTURBED AREA ABOVE THE DEVICE IS STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED.



NOTE: THE PRODUCT WILL BE FROM A NONWOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

INLET FILTER BAG PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.9 (205) x 0.9 (205)
Grab Tensile Elongation	ASTM D 4632	%	50 x 50
Puncture Strength	ASTM D 4833	kN (lbs)	0.58 (130)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2618 (380)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.36 (80) x 0.36 (80)
UV Resistance	ASTM D 4355	%	70
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.180 (80)
Flow Rate	ASTM D 4491	1/min/m ² (gal/min ² /ft ²)	3866 (95)
Permittivity	ASTM D 4491	Sec ⁻¹	1.2

PUMPED WATER FILTER BAG

SCALE: NOT TO SCALE

NOTES:

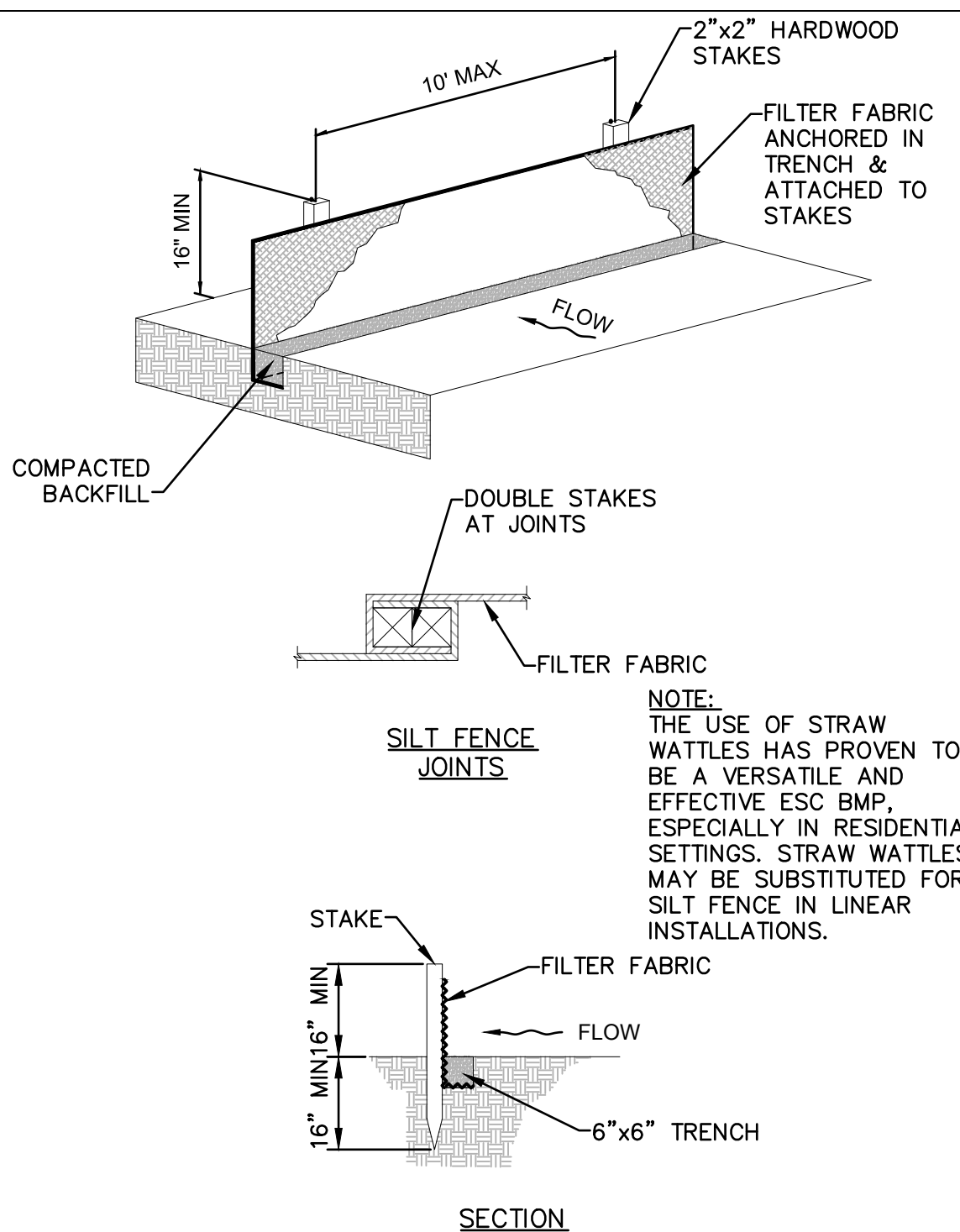
1. ALL SILT FENCE SHALL BE PLACED ON THE CONTOUR (LEVEL) SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
2. ENDS OF THE FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT PONDED WATER WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
3. SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
4. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5' (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS OF INSTALLATION.
5. THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 6" DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE, WHICH WILL ENSURE A UNIFORM TRENCH DEPTH.
6. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE. A MINIMUM OF 8" OF GEOTEXTILE MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6" DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
7. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL BE SPLICED ONLY AT A SUPPORT STAKE. (SEE JOINT DETAIL)
8. MAINTENANCE – SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSED FLOW THROUGH THE GEOTEXTILE. IF RUNOFF FLOWS OVER OR 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 FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AT A MINIMUM.
9. SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE FENCE. 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 FENCE SHALL BE REPAIRED IMMEDIATELY.
10. SILT FENCE MATERIALS:

STAKES – TO BE 2"x2" (NOMINAL) HARDWOOD OF SOUND QUALITY WITH A MINIMUM LENGTH OF 32". THEY SHALL BE FREE OF KNOTS, SPLITS OR OTHER IMPERFECTIONS, WHICH MAY WEAKEN THEM. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10'. POSTS SHALL BE DRIVEN A MINIMUM 16" INTO THE GROUND, WHERE POSSIBLE. IF NOT POSSIBLE, THE STAKES SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDIMENT/WATER LOADING.

FILTER FABRIC – PER CMSC ITEM 712.09 TYPE C

SILT FENCE

NOT TO SCALE



NOTE: THE USE OF STRAW WATTLES HAS PROVEN TO BE A VERSATILE AND EFFECTIVE EROSION CONTROL BMP, ESPECIALLY IN RESIDENTIAL SETTINGS. STRAW WATTLES MAY BE SUBSTITUTED FOR SILT FENCE IN LINEAR INSTALLATIONS.



**STARK COUNTY
PARK DISTRICT**
5712 12TH STREET NW
CANTON, OH 44708
330-477-3552

REV NO	DATE	ISSUED BY	REMARKS

DESIGNED BY: _____ DCG
DRAWN BY: _____ DCG
SHEET CHK'D BY: _____ MSE
CROSS CHK'D BY: _____
APPROVED BY: _____
ISSUED DATE: _____ JULY 2026

FRY FAMILY PARK
PARKING LOT IMPROVEMENTS

CIVIL
EROSION CONTROL DETAILS

WARNING

0 1/2 1

IF THIS BAR DOES
NOT MEASURE 1" THEN
DRAWING IS
NOT TO SCALE

N.T.S.

13 OF 13

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