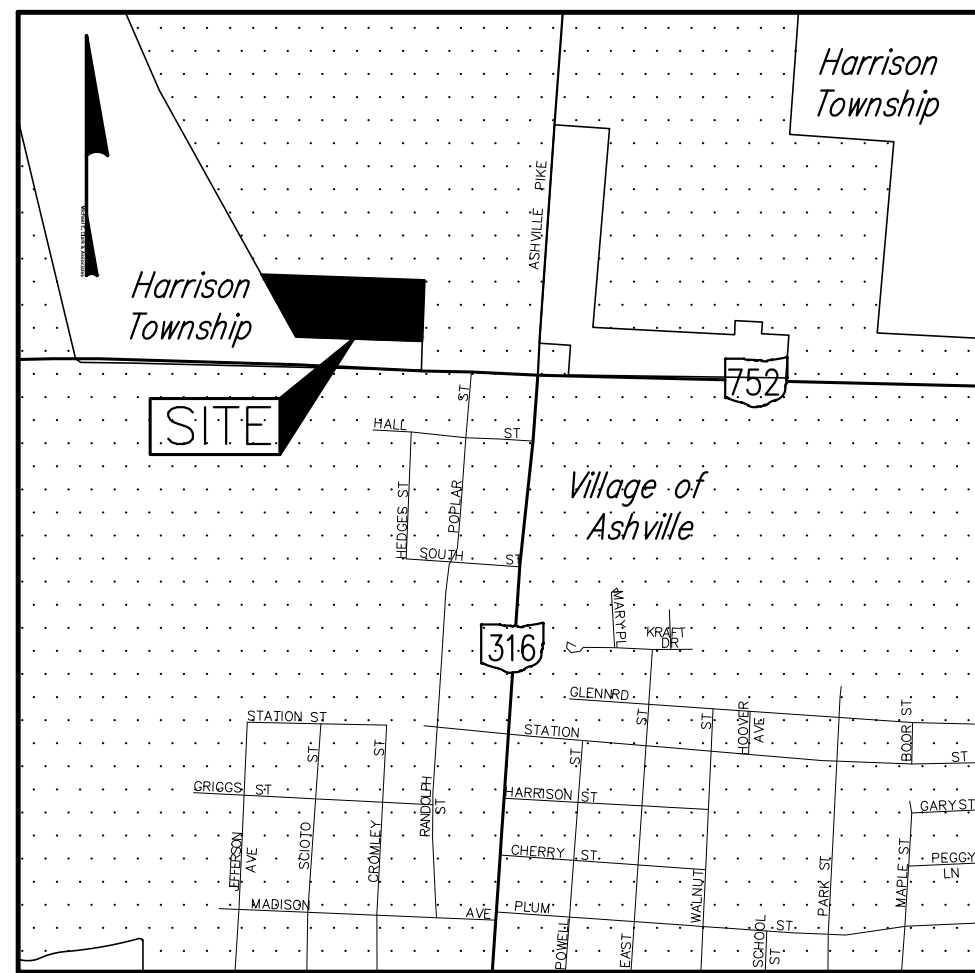


VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO

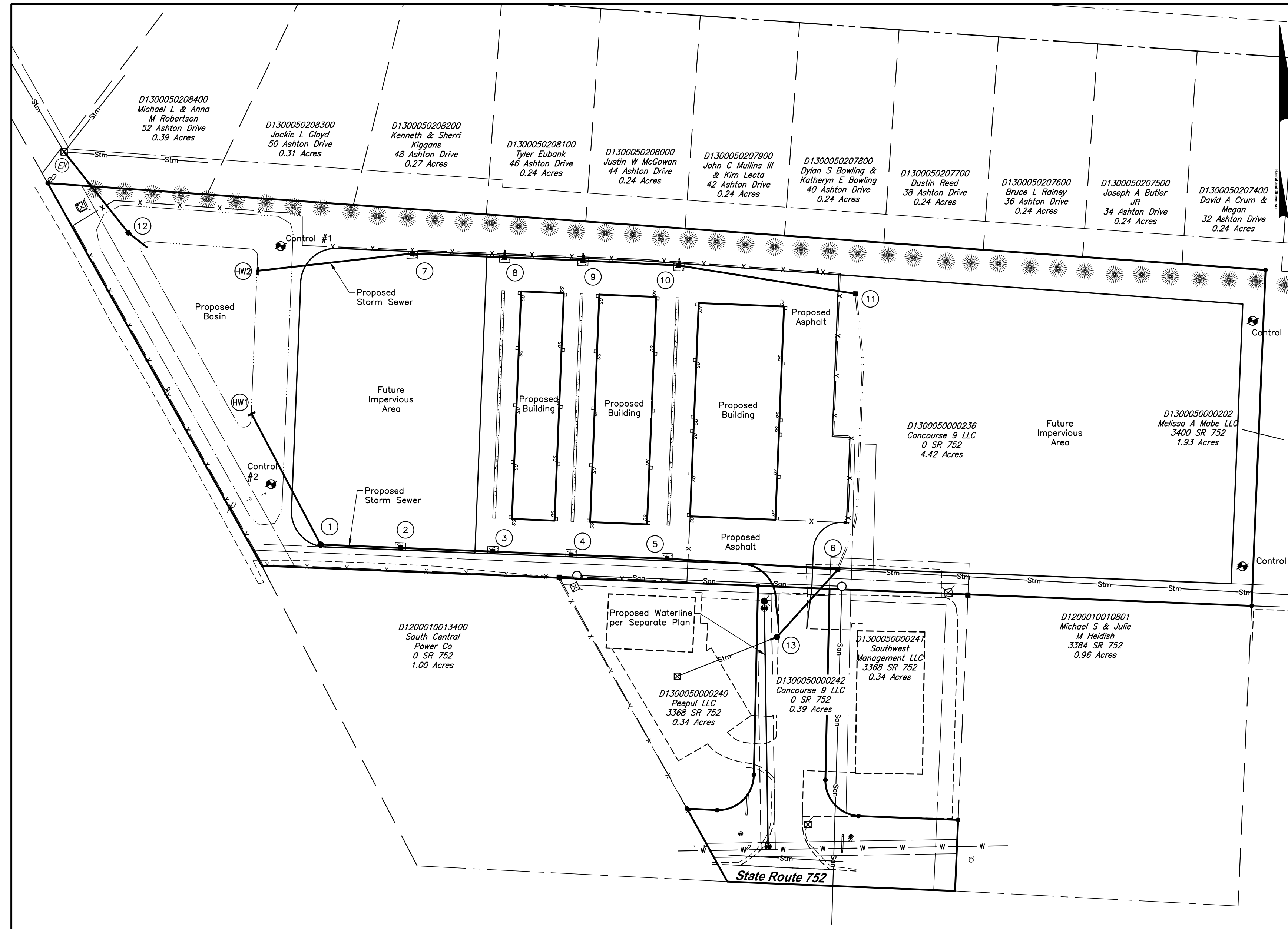
ASHVILLE CONCOURSE

STATE ROUTE 752

PLOT, GRADE, AND UTILITY PLAN



LOCATION MAP
1" = 1 Mile



INDEX MAP
1" = 50'

BENCHMARKS

The Benchmark Elevations were Assigned Based on GPS Observations using the Ohio Department of Transportation's CORS Network.

Source Benchmark C188

Described by Coast and Geodetic Survey 1967 at Duvall. At Duvall, Along the Norfolk and Western Railway, Near the crossing of the Harrisburg-Fairfield Road, set on the top of the concrete foundation on the South side of the South building of the Teegardin Grain Company, 66.8 feet East of the East rail of East track, 23 1/2 feet North of the centerline of the road, 33 feet East of the Southwest corner of the building, 3 feet Southwest of the Southwest corner of scale pit, and about 2 inches above the level of the ground.

Elevation: 715.62 (NAVD 88 Datum)

Control #1

5/8" Rebar Capped

Northing: 628538.55

Easting: 1839842.40

Elevation: 710.51

Control #2

5/8" Rebar Capped

Northing: 628371.26

Easting: 1839835.61

Elevation: 708.29

Control #3

5/8" Rebar Capped

Northing: 628485.99

Easting: 1840525.27

Elevation: 712.23

Control #4

5/8" Rebar Capped

Northing: 628313.44

Easting: 1840518.11

Elevation: 712.60

Each Above Elevation is Based on the Existing Ground Elevation. All Project Control will be Set after Final Approval.

ASSOCIATED PLANS

Ashville Concourse - Waterline Plan



CALL AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS (EXCLUDING WEEKENDS AND LEGAL HOLIDAYS)
NON-MEMBERS MUST BE CALLED DIRECTLY

DEVELOPER

Gold Tree Ventures, LLC
Brent Goldbach
614-738-2560
goldtreellc@gmail.com
3947 Front Street
Grove City, Ohio 43123

PARCEL INFORMATION

4.42 Acres
O.R. 612, Pg. 1076
Parcel # D13-0-005-00-002-36
Zoning: GB - General Business

NOI PERMIT

4GC09443*AG

STANDARD DRAWINGS

The City of Columbus and Ohio Department of Transportation Standard Drawings listed on this plan shall be considered part of this plan.

- AA-S102
- AA-S112
- AA-S115
- AA-S117
- AA-S119
- AA-S133A
- AA-S133B
- AA-S139
- AA-S149
- AA-S150
- AA-S169

SHEET INDEX

- | | |
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| Sheet 1 | Location Map, Index Map, and Estimated Quantities |
| Sheet 2 | General Notes |
| Sheet 3 | Existing Site and Demolition Plan |
| Sheet 4 | Site Plan |
| Sheet 5 | Grading Plan |
| Sheet 6 | Utility Plan |
| Sheet 7 | Storm Sewer Profiles |
| Sheet 8 | Storm Sewer Profiles |
| Sheet 9 | Storm Water Pollution Prevention Notes and Details |
| Sheet 10 | Storm Water Pollution Prevention Plan |

GENERAL SUMMARY OF QUANTITIES

The plan quantities shown below are the engineer's estimate only. The Contractor shall be responsible for calculating quantities based on the plan for bidding and construction purposes.

Item	Quan.	Unit	Description
201	Lump	Sum	Clearing & Grubbing
202	Lump	Sum	Structures and Obstructions removed
202	766	L.F.	Storm Sewer Pipe Removed
202	4	Each	Catch Basin Removed
202	2	Each	Manhole Removed
202	7	Each	Headwall Removed
202	3	S.Y.	Pavement Removed
202	474	S.F.	Concrete Removed
202	99	S.F.	Gravel Removed
252	20	L.F.	Full Depth Sawcut
203	4,957	C.Y.	Excavation
203	1,650	C.Y.	Embankment
204	5,902	S.Y.	Subgrade Compaction
204	3	Hours	Proof Rolling
207	10	Each	Catch Basin Inlet Protection
207	320	Lin. Ft.	Sediment Control fence
207	2	Each	Rock Ditch Check
207	1	Each	Stabilized Construction Entrance
207	1	Each	Concrete Washout
304	22	C.Y.	6" Aggregate Base
304	790	C.Y.	8" Aggregate Base
441	148	C.Y.	1.5" Asphalt Concrete Surface Course
441	148	C.Y.	1.5" Asphalt Concrete Intermediate Course
452	66	S.Y.	6" Plain Portland Cement Concrete
607	1,228	L.F.	6' Chain Link Fence
601	38	Cu. Yds.	Rock Channel Protection, Type C
604	2	Each	Headwall (AA-S169)
604	10	Each	Standard Catch Basin (AA-S133A)
604	1	Each	Core Existing Catch Basin
604	2	Each	Standard Manhole (AA-S102)
604	1	Each	Outlet Control Structure
901	69	Lin. Ft.	8" HDPE Storm Sewer with Type 1 Bedding
901	424	Lin. Ft.	15" HDPE Storm Sewer with Type 1 Bedding
901	126	Lin. Ft.	18" HDPE Storm Sewer with Type 1 Bedding
901	298	Lin. Ft.	24" HDPE Storm Sewer with Type 1 Bedding
614	Lump	Sum	Maintenance of Traffic
623	Lump	Sum	Construction Layout Stakes
624	Lump	Sum	Mobilization
642	Lump	Sum	Pavement Markings
659	6,861	Sq. Yds.	Seeding and Mulching

APPROVED BY:

Approval of these plans does not constitute assurance to operate as intended. The reviewer does not accept responsibility for the integrity of the plans.

Nelson Embrey II
Mayor, Village of Ashville

Christopher M. Tebbe, P.E. No. 68106
Village Engineer, Village of Ashville

Franklin Christman
Village Administrator, Village of Ashville

Service Department Supervisor,
Village of Ashville



PREPARED BY:

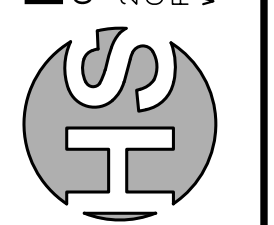
Harral and Stevenson
Civil Engineering and Surveying

2869 North Court Street
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www.harralstevenson.com

Craig E. Stevenson, PE 80114
Harral and Stevenson, LLC

VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO
ASHVILLE CONCOURSE
STATE ROUTE 752
PLOT, GRADE, AND UTILITY PLAN
LOCATION MAP, INDEX MAP AND ESTIMATED QUANTITIES

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Date: Sept. 22, 2023
Project: E231032
Scale: As Noted
Sheet: 1/10

GENERAL NOTES (06-01-2020)

GEN 1
THE VILLAGE OF ASHVILLE REQUIREMENTS, TOGETHER WITH THE LATEST EDITION OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, SHALL GOVERN ALL CONSTRUCTION ITEMS, MATERIAL, WORKMANSHIP, ECT THAT ARE A PART OF THIS PLAN, ENFORCE ON THE DATE OF CONTRACT, UNLESS OTHERWISE NOTED. EXCEPT AS SUCH SPECIFICATIONS ARE MODIFIED BY THE FOLLOWING GENERAL NOTES AND/OR SPECIFICATIONS OR BY THE CONSTRUCTION DETAILS SET FORTH HEREIN, THE CONTRACTOR SHALL ALSO CONFORM TO REQUIREMENTS OF THE VILLAGE OF ASHVILLE GENERAL PROVISIONS AND THE STANDARD CITY OF COLUMBUS DETAIL CONSTRUCTION DRAWINGS. IF THERE ARE ANY DISCREPANCIES, THE VILLAGE OF ASHVILLE REQUIREMENTS SHALL GOVERN.

GEN 2
ANY MODIFICATION TO THE SPECIFICATIONS OR CHANGES TO WORK AS SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE VILLAGE ENGINEER.

GEN 3
THE CONTRACTOR OR SUBCONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR OR SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE VILLAGE OF ASHVILLE, OHIO.

GEN 4
PRIOR TO BIDDING THE CONTRACTOR SHALL, BY PERSONAL EXAMINATION, SATISFY THEMSELVES AS TO THE LOCATION OF THE PROPOSED WORK AND TO ADJUST THEMSELVES THOROUGHLY WITH THE EXISTING CONDITIONS AND THE DIFFICULTIES THAT ARE LIKELY TO BE ENCOUNTERED IN THE PERFORMANCE OF THE PROPOSED WORK. THIS IS ESPECIALLY TRUE WITH REGARD TO ANY REMOVAL ITEMS.

GEN 5
ALL WORK SHALL BE COMPLETELY ACCEPTABLE TO THE VILLAGE OF ASHVILLE OFFICIALS. NO WORK SHALL BE COMMENCED UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE VILLAGE OF ASHVILLE ENGINEER FOR INSPECTION, NECESSARY LINE AND GRADE STAKING WILL BE PROVIDED BY THE DEVELOPER. CUT SHEETS SHALL BE SUBMITTED AND APPROVED BY THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.

GEN 6
PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS NECESSARY TO COORDINATE AND PROVIDE FULL-TIME INSPECTION SERVICE BY THE VILLAGE FOR THE PROPOSED WORK. COST OF INSPECTION SHALL BE PAID FOR BY THE DEVELOPER.

GEN 7
THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE VILLAGE OF ASHVILLE ENGINEERING DEPARTMENT AT LEAST SEVEN (7) DAYS PRIOR TO ANY CONSTRUCTION.

GEN 8
THE CONTRACTOR OR DEVELOPER SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS AND GOVERNMENT FEES, LICENSES, AND INSPECTIONS FOR THE PROPER EXECUTION AND COMPLETION OF THE IMPROVEMENTS SHOWN ON THE PLANS PRIOR TO CONSTRUCTION. ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST OF THE OFFICE OF THE VILLAGE ENGINEER.

GEN 9
THE CONTRACTOR SHALL NOTIFY ALL OF THE AFFECTED PROPERTY OWNERS AT LEAST TWO (2) WEEKS PRIOR TO THE SCHEDULED COMMENCEMENT OF WORK ON THE JOB SITE. THIS LETTER SHALL STATE THE DATE CONSTRUCTION IS TO BEGIN AND THAT RESIDENT SHOULD REMOVE ANY ITEMS, EXAMPLE: SHRUBS, SPOT LIGHTS, FENCES, STONES OR BRICKS, ETC., WHICH MAY FALL WITHIN THE WORK LIMITS. THE LETTER SHOULD ALSO CONTAIN THE NAME AND A TWENTY-FOUR (24) HOUR PHONE NUMBER OF A CONTACT, FROM THE CONTRACTOR'S FIRM, WHO COULD BE CONTACTED IN CASE OF EMERGENCY. THIS LETTER, FOR CONVENIENCE PURPOSES, SHALL CONTAIN A PHONE NUMBER FOR ALL LOCAL LAW ENFORCEMENT AGENCIES AND FIRE SAFETY FORCES.

GEN 10
EXISTING UTILITIES SHOWN ARE FROM BEST AVAILABLE RECORDS AND FIELD INVESTIGATION, AND ARE NOT NECESSARILY COMPLETE OR EXACT. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT OF THE PROPOSED CONSTRUCTION, AND SHALL MAKE ADJUSTMENTS IN ELEVATIONS AS DIRECTED BY THE VILLAGE ENGINEER TO PROVIDE SUFFICIENT CLEARANCE BETWEEN THE PROPOSED AND EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT THE OHIO PROTECTION SERVICE (OPS) AT 1-800-362-2764 THREE (3) WORKING DAYS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES AND ACCORDING TO 153.64, OHIO REVED CODE (ORC) SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.

GEN 11
THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT AND DO SUBSCRIBE TO A REGISTERED UNDERGROUND UTILITY SERVICES:

FRONTIER COMMUNICATIONS 500 LANCASTER PIKE CIRCLEVILLE, OHIO 43113 (740) 474-7197	COLUMBIA GAS TRANSMISSION 1440 MCNAUGHTON ROAD COLUMBUS, OH 43232
--------------------------------------------------------------------------------------------	-------------------------------------------------------------------------

SOUTH CENTRAL POWER COMPANY
2780 COONPATR ROAD, NE
LANCASTER, OHIO 43130
(614) 653-4422

TIME WARNER COMMUNICATIONS 1315 GRANVILLE PIKE LANCASTER, OHIO 43130 (740) 635-9685	SBG 140 WEST WHEELING STREET LANCASTER, OHIO 43130 (740) 687-6696
----------------------------------------------------------------------------------------------	----------------------------------------------------------------------------

COLUMBIA GAS OF OHIO
843 PLATT AVENUE
CHILlicothe, OHIO 45601
(614) 772-9224

VILLAGE OF ASHVILLE SERVICE DEPARTMENT
67 SOUTH SCIOTO STREET, ASHVILLE, OHIO 43103 (740) 983-4053
(WATERLINE SANITARY SEWER & STORM SEWER ONLY)
200 EAST STATION STREET, ASHVILLE OHIO 43103 (740) 983-6367

GEN 12
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE VILLAGE OF ASHVILLE AND/OR ENGINEER ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR DEPTHS OF THE UNDERGROUND FACILITIES AS SHOWN ON THE PLANS. THE CONTRACTOR MUST CALL APPROPRIATE UTILITY COMPANY AT LEAST SEVEN (7) DAYS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY FOR THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

GEN 13
THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.

GEN 14
WHERE POTENTIAL GRADE CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO UNCOVER SUCH UTILITIES SUFFICIENTLY IN ADVANCE OF LAYING PIPE OR DUCT IN ORDER THAT THE ENGINEER MAY DETERMINE THE EXACT ELEVATION AND MAKE ANY NECESSARY ADJUSTMENTS. COST OF THE ABOVE SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT.

GEN 15
ALL MATERIALS INCLUDING PIPING, APPURTENANCES, MANHOLES, GRAVEL, ETC. TO BE UTILIZED FOR DEDICATED PUBLIC UTILITIES OR ROADWAYS MUST BE APPROVED BY THE VILLAGE OF ASHVILLE ENGINEER.

GEN 16
ALL FIELD TILES BROKEN DURING EXCAVATION SHALL BE REPLACED BY THE CONTRACTOR TO ORIGINAL CONDITION OR CONNECTED TO THE CURB SUB DRAIN OR TO THE STORM SEWER SYSTEMS AS DIRECTED BY THE ENGINEER.

GEN 17
TWENTY-FOUR (24) HOUR ADVANCE NOTIFICATION IS REQUIRED FOR ALL WORK REQUIRING INSPECTION, TESTING, OR APPROVAL BY THE VILLAGE ENGINEER OR BUILDING DEPARTMENTS.

GEN 18
THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION PRIOR TO THE DAMAGE, AT THEIR OWN EXPENSE. ALL SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE DEVELOPER'S ENGINEER AND VILLAGE OF ASHVILLE ENGINEER. ANY DAMAGE TO OTHER UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE APPROPRIATE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.

GEN 19
CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND SHRUBS. ANY TREES OR SHRUBS NOT MARKED FOR REMOVAL THAT ARE DAMAGED BY THE CONTRACTOR WILL HAVE TO BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.

GEN 20
ANY PROPERTY CORNER PINS OR PERMANENT SURVEY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RESET BY A REGISTERED SURVEYOR AT THE CONTRACTOR'S EXPENSE.

GEN 21
EXISTING STRUCTURES TO BE REMOVED OR DEMOLISHED REQUIRE A "DEMOLITION PERMIT" ISSUED BY THE VILLAGE OF ASHVILLE ENGINEER.

GEN 22
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MAIL SERVICE IN THE CONSTRUCTION AREA.

GEN 23
THE CONTRACTOR SHALL NOT ORDER MATERIAL OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

GEN 24
ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF IT SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.

GEN 25
ALL EXCAVATION ON THIS PROJECT IS UNCLASSIFIED. THE CONTRACTOR SHALL MAKE ALL EXCAVATION OF WHATEVER NATURE NECESSARY FOR CONSTRUCTION OF WATER LINES AND SEWERS AND THEIR APPURTENANCE STRUCTURES INCLUDED IN THIS PROJECT.

GEN 26
APPROVALS OF CONSTRUCTION PLANS IS CONTINGENT ON ALL EASEMENTS REQUIRED FOR THE CONSTRUCTION OF THE WORK BEING SECURED AND SHOWN ON THE FINAL PLAT FOR RECORDING. NO WORK THAT REQUIRES AN EASEMENT WILL BE ALLOWED TO PROCEED UNTIL THIS HAS BEEN DONE.

GEN 27
TWENTY-FOUR (24) HOUR ADVANCE NOTIFICATION IS REQUIRED FOR ALL WORK REQUIRING INSPECTION, TESTING, OR APPROVAL BY THE VILLAGE ENGINEER OR BUILDING DEPARTMENTS.

GEN 28
THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE VILLAGE ENGINEER AND REQUEST A FINAL PUNCH-OUT INSPECTION OF THE SITE ONCE ALL OF THE ITEMS ON THE APPROVED DEVELOPMENT PLANS HAS BEEN COMPLETED.

GEN 29
THE CONTRACTOR SHALL SUFFICIENTLY EXPOSE EACH UTILITY OR STRUCTURE INDICATED ON THE PLANS IN ADVANCE OF EXCAVATING TO DETERMINE IF A GRADE CONFLICT OCCURS. LOCATIONS SHOWN ARE APPROXIMATE ONLY. OTHER UTILITIES NOT MARKED MAY ALSO REQUIRE EXPOSING.

GEN 30
THE DEVELOPER IS RESPONSIBLE FOR HAVING "AS-BUILT" CONSTRUCTION DRAWINGS SENT TO THE VILLAGE ENGINEER AFTER THE PROJECT HAS BEEN COMPLETED. THE PLANS MUST INCLUDE CASTING AND FLOW-LINE ELEVATIONS FOR ALL SANITARY AND STORM STRUCTURES AND IDENTIFY ALL FIELD MODIFICATIONS TO THE APPROVED PLAN SET. THE "AS BUILT" DRAWINGS MUST ALSO INCLUDE STATE PLANE COORDINATES FOR ALL NEWLY CONSTRUCTED PUBLIC UTILITY STRUCTURES.

GEN 31
ACCESS TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

GEN 32
ALL SITE CLEARING SHALL BE PERFORMED BY THE OWNER AT HIS EXPENSE PRIOR TO CONSTRUCTION OF THIS PROJECT SUBJECT TO COMPLIANCE WITH THE VILLAGE OF ASHVILLE ZONING CODE.

GEN 33
ALL TREES, EITHER STANDING OR FALLEN, AND STUMPS WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING UNLESS DIRECTED OTHERWISE.

GEN 34
AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH C.M.S.C. ITEM 912 BETWEEN THE DEEPER AND SHALLOWER PIPE, WHERE PROPOSED UTILITIES OR SERVICES CROSS PROPOSED OR EXISTING PAVEMENT AREAS. BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH C.M.S.C. ITEM 912 EXTENDING AT LEAST THREE (3) FEET BEYOND THE BACK OF CURB OR EDGE OF PAVEMENT. THE COST IS TO BE INCLUDED IN THE PRICE BID FOR RELATED PIPE, C.M.S.C. ITEM 912 MAY BE SUBSTITUTED.

GEN 35
IN THE EVENT THAT IT BECOMES NECESSARY, THE VILLAGE OF ASHVILLE SHALL PERFORM WORK OF AN IMMEDIATE NATURE REQUIRED OF THE CONTRACTOR BY THIS CONTRACT. BECAUSE OF THE FAILURE OR REFUSAL OF THE CONTRACTOR TO PERFORM-SUCH WORK, THE CONTRACTOR SHALL REIMBURSE THE VILLAGE OF ASHVILLE AT THE RATE OF 2.5 TIMES THE ACTUAL COST OF LABOR, MATERIALS AND EQUIPMENT NECESSARY TO PERFORM SUCH WORK. THE VILLAGE OF ASHVILLE SHALL BE REQUIRED TO NOTIFY OR ATTEMPT TO NOTIFY THE DESIGNATED REPRESENTATIVE OF THE CONTRACTOR OF THE NECESSITY TO PERFORM SUCH WORK. IN THE EVENT OF AN EMERGENCY, NO NOTIFICATION IS REQUIRED. IF THE CONTRACTOR REFUSES OR FAILS WITHIN A REASONABLE TIME TO PERFORM OR CAUSE THE PERFORMANCE OF SUCH WORK, THE VILLAGE OF ASHVILLE SHALL BE REIMBURSED BY THE CONTRACTOR IN THE AMOUNT PROVIDED HEREIN. REASONABLE TIME FOR ALL STREETS INVOLVED ON THIS CONTRACT IS ONE (1) HOUR FROM THE TIME OF NOTIFICATION BY THE VILLAGE OF ASHVILLE.

GEN 36
PRIOR TO THE CONSTRUCTION OF THE STREETS, SOIL TESTS SHALL BE MADE ON ALL SANITARY SEWER AND DESIGNATED STORM SEWER TRENCHES WHICH CROSS THE PROPOSED PAVEMENTS OR WHICH LIE SUCH THAT THE PROPOSED PAVEMENTS ARE LOCATED WITHIN ANY PART OF THE INFLUENCE LINE OF SAID TRENCH, WHERE SAID RESULTS INDICATED THAT THE TRENCH BACKFILL DOES NOT MEET THE COMPACTION REQUIREMENTS OF 912.03 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS. ALL BACKFILL MATERIAL SHALL BE REMOVED, REPLACED AND RE-TESTED UNTIL COMPACTION MEETS REQUIREMENTS OF 912.03.

GEN 37
ALL SIDEWALKS, CURB RAMPS, AND CURBS AND GUTTERS SHALL MEET FEDERAL A.D.A. (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS, LATEST EDITION.

GEN 38
ANY EXISTING PAVEMENT REMOVED FOR SANITARY SEWER, STORM SEWER OR WATERLINE PLACEMENT SHALL BE BACKFILLED AND COMPACTED TO A MAXIMUM DENSITY OF 100% OR WITH CONTROLLED DENSITY FILL (CDF), REFERENCE CITY OF COLUMBUS ITEM 912 OR 636. IF CDF IS USED ALL DUCTILE OR COST IRON PIPE IN CONTACT WITH CDF SHALL BE POLY-WRAPPED IN ACCORDANCE WITH C-7484 OR AWWA C-105.

GEN 39
ANY TUNNELING OR BORING OF ANY PIPELINES SHALL BE IN ACCORDANCE WITH PLANS APPROVED BY THE VILLAGE ENGINEER.

GEN 40
DURING THE CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE PLANS, SEDIMENTATION AND EROSION CONTROL SHALL BE CONTROLLED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH EPA STANDARDS WHERE NEEDED FOR THE DURATION OF THE PROJECT. ALL COSTS ASSOCIATED WITH SEDIMENTATION AND EROSION CONTROL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PIPE.

GEN 41
THE CONTRACTOR SHALL, PRIOR TO BIDDING, CAREFULLY STUDY THE GEOTECHNICAL REPORT, AS PROVIDED AS A PART OF THE BID DOCUMENTS, AND MAKE SITE VISITS TO SATISFY HIMSELF OF THE SITE CONDITIONS. THE CONTRACTOR SHALL, AS A PART OF HIS BID, SUBMIT A DETAILED DETERMINING PLAN THAT SHALL INCLUDE THE NUMBER AND SIZES OF WELL POINTS, THE SIZE OF PUMPS TO BE USED, THE POINTS OF DISCHARGE OF SAID DETERMINING OPERATIONS, AND ANY OTHER INFORMATION PERTINENT TO THE DETERMINING OF THE PROJECT. NO EXTRA PAYMENT SHALL BE MADE FOR DETERMINING. ALL COSTS FOR DETERMINING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ASSOCIATED ITEMS. BY SUBMITTING A BID, THE CONTRACTOR IS STATING THAT HE CLEARLY UNDERSTANDS THE SCOPE OF THE DETERMINING FOR THE PROJECT AND HAS INCLUDED THIS WORK IN HIS UNIT PRICE BID FOR ASSOCIATED ITEMS.

GEN 42
THE CITY OF COLUMBUS STANDARD DRAWINGS SHALL GOVERN ALL PROJECTS UNLESS OTHERWISE NOTED.

GEN 43
THE CONTRACTOR SHALL CLEAN UP--ALL DEBRIS AND MATERIALS RESULTING FROM HIS OPERATIONS AND RESTORE ALL SURFACES, STRUCTURES, DITCHES, AND PROPERTY TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER.

GEN 44
THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT OR THE EXISTING RIGHT-OF-WAYS, CONSTRUCTION, AND PERMANENT EASEMENTS AND SHALL NOT TRESPASS UPON OTHER PRIVATE PROPERTY WITHOUT THE WRITTEN CONSENT OF THE OWNER.

GEN 45
THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATION OFF-SITE OR MOUND FOR FUTURE SECTIONS MOUNDED MATERIAL SHALL BE DRESSED-UP, STABILIZED AND SEEDED ACCORDING TO SPECIFICATIONS. MOUNDS SHALL NOT EXCEED TO THE HEIGHT AND SHALL NOT INTERFERE WITH SITE DRAINAGE.

GEN 46
THE INFORMATION SHOWN CONCERNING EXISTING UTILITIES IS NOT REPRESENTED, WARRANTED, OR GUARANTEED TO BE COMPLETE OR ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY, IN THE FIELD, ALL UTILITY LOCATIONS AND ELEVATIONS, WHETHER SHOWN ON THE PLAN OR NOT, PRIOR TO THE BEGINNING OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL SUPPORT, PROTECT, AND RESTORE ALL EXISTING UTILITIES AND THEIR ASSOCIATED ITEMS.

GEN 47
COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 IS REQUIRED OF ALL CONTRACTORS ON THIS PROJECT.

GEN 48
WHERE MANHOLES ARE LOCATED WITHIN STREET GRADING LIMITS, THE TOPS SHALL BE BUILT TO ELEVATIONS SHOWN OR ORDERED. ELSEWHERE MANHOLES SHALL BE BUILT OR SUBSEQUENTLY ADJUSTED TO MEET SURFACE GRADES ESTABLISHED FOR THE DEVELOPMENT. THE COST OF THE ADJUSTMENT IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

GEN 49
THE CONTRACTOR SHALL CLEAN UP ALL DEBRIS AND MATERIAL RESULTING FROM HIS OPERATION AND RESTORE ALL OTHER SURFACES, STRUCTURES, DITCHES, ON PUBLIC AND ADJACENT PROPERTY TO THEIR ORIGINAL CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND THE DEVELOPER'S PROPERTY TO THEIR SATISFACTION. ALL COSTS FOR THIS WORK SHALL BE INCLUDED WITH THE PRICE BID FOR THE VARIOUS ITEMS.

ROADWAY NOTES

ROW 1
ALL PAVEMENT SUB-GRADE SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 203 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE SOILS REPORT AND AS DIRECTED BY THE REGISTERED SOILS ENGINEER PRESENT ON THE SITE. SECTION 203.10 SHALL BE MODIFIED SUCH THAT ALL COMPACTION SHALL BE TO ONE HUNDRED (100) PERCENT OF THE MAXIMUM DRY UNIT WEIGHT OBTAINED IN THE LABORATORY BY THE "STANDARD PROCTOR" COMPACTION TEST (ASTM D698). MOISTURE CONTENT OF THE NEW FILL SHALL BE IN RANGE OF + TWO (2) PERCENT OF THE OPTIMUM MOISTURE CONTENT DETERMINED BY ASTM D698.

ROW 2
PRIOR TO CONSTRUCTION OF THE STREETS, SOIL TESTS SHALL BE MADE ON ALL SANITARY SEWER AND DESIGNATED STORM SEWER TRENCHES WHICH CROSS PROPOSED PAVEMENTS OR WHICH LIE SUCH THAT THE PROPOSED PAVEMENTS ARE LOCATED WITHIN ANY PART OF THE INFLUENCE LINE OF SAID TRENCH, WHERE SAID RESULTS INDICATE THAT THE TRENCH BACKFILL DOES NOT MEET THE COMPACTION REQUIREMENTS OF 912.03 (MINIMUM OF 100 % OF MAXIMUM LABORATORY DENSITY) OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, ALL BACKFILL MATERIAL SHALL BE REMOVED, REPLACED, AND RE-TESTED UNTIL COMPACTION MEETS SAID REQUIREMENTS OF 912.03.

ROW 2
ALL PAVEMENT JOINTS, PARTICULARLY WHERE A PROPOSED PAVEMENT ABUTS AN EXISTING PAVEMENT, AND ALL PAVEMENT JOINTS ABUTTING UTILITY STRUCTURES SUCH AS MANHOLES, CATCH BASINS, VALVE BOXES, ETC. SHALL BE SEALED IN ACCORDANCE WITH ITEM 413 TYPE (1) OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS.

ROW 3
THE CONTRACTOR SHALL CONTACT THE COLUMBIA GAS OF OHIO, INC. OPERATIONS SUPERVISOR AT 614818-2109ONE (1) WEEK PRIOR TO ROADWAY CONSTRUCTION FOR THE DELIVERY OF PVC GAS SLEEVES OR COLUMBUS SOUTHERN POWER COMPANY ENGINEERING LIAISON COORDINATOR AT 614-464-7379 FOR ELECTRIC CONDUIT SLEEVES.

ROW 4
AT THE OPTION OF THE DEVELOPER OR THE VILLAGE, THE PLACEMENT OF THE FINAL WEARING COURSE OF ITEM 404 ASPHALT CONCRETE MAY BE DELAYED UNTIL SUCH TIME THAT THE MAJORITY OF THE RESIDENTIAL HOUSING CONSTRUCTION IN THE AREA IS COMPLETE OR WEATHER PERMITS.

ROW 5
WEARING COURSE OF ASPHALT CONCRETE IS TO MEET CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATION ITEM 404 AND ADDITIONAL MIX DESIGN REQUIREMENTS OF THE VILLAGE OF ASHVILLE.

ROW 6
PAVEMENT CUTS FOR UTILITY LINE INSTALLATIONS ARE SUBJECT TO THE BACKFILL REQUIREMENTS OF ITEM 912 IN LIEU OF COMPACTED GRANULAR MATERIAL, FLOWABLE CONTROLLED DENSITY FILL, ITEM 636 TYPE111 MAY BE USED. PAVEMENT SHALL BE CONSTRUCTED TO MATCH THE EXISTING SECTION OR NINE INCHES OF ITEM 404 ASPHALT CONCRETE, WHICHEVER IS GREATER. AS AN OPTION, THE CONCRETE BASE EXTENDING ONE (1) FOOT BEYOND EITHER EDGE OF THE EXCAVATION, WITH TWO (2) INCHES OF ITEM 404 ASPHALT WEARING COURSE PLACED ON TOP.

ROW 7
STEEL PLATES SHALL BE POSITIONED AND SECURED IN PLACE WITH STEEL SPIKES AND COLD PATCH ASPHALT MIX OVER ALL TRENCHES THAT ARE LEFT OPEN ON A TEMPORARY BASIS AND SUBJECT TO TRAFFIC.

ROW 8
VILLAGE STREETS ARE TO BE KEPT CLEAN AND FREE FROM MUD, STONE, DIRT, ETC. A TEMPORARY CONSTRUCTION ENTRANCE COMPRISED OF A 20' X 50' MAT OF NUMBER 2 STONE IS TO BE MAINTAINED AT ALL SITE ENTRANCES.

ROW 9
CONCRETE CURBS ARE TO BE BRANDED DURING PLACEMENT UTILIZING THE STANDARD BRAND SET PROVIDED BY THE VILLAGE OF ASHVILLE ENGINEER. BRAND CURBS ARE AS FOLLOWS:

- 'S' - ON TOP OF CURB FOR SANITARY LATERAL LOCATIONS
- 'W' - ON FACE OF CURB FOR WATER SERVICE BOX LOCATIONS.
- 'M' - ON FACE OF CURB FOR HYDRANT WATCH VALVE LOCATIONS.
- 'M' - ON FACE OF CURB FOR WATER MAIN VALVE LOCATIONS.

BRANDS THAT ARE MISSED MUST BE MECHANICALLY GROUNDING INTO CURB AFTER THE CONCRETE IS SET.

ROW 10
THE COMBINATION CURB AND GUTTER SHALL BE PLACED CONTINUOUSLY. DRIVEWAY KNOCK DOWNS SHALL BE SAW-CUT AT THE TIME EACH INDIVIDUAL RESIDENT IS CONSTRUCTED.

ROW 11
MONUMENT BOXES SHALL BE INSTALLED AT INTERSECTIONS DESIGNATED ON THE PLAN. BOXES SHALL BE NEWMARK R-1968, TYPE 36-8 OR EAST JORDAN IRON WORKS NUMBER 8371. MONUMENTS ARE TO BE SET IN A CONCRETE FILLED TWENTY-FOUR (24) INCH DIAMETER CORED HOLE, FLUSH WITH THE TOP OF THE PAVEMENT PER VILLAGE STANDARD.

ROW 12
ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS' COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC, 25 SOUTH FRONT STREET, COLUMBUS, OHIO 43215.

ROW 13
LANE RESTRICTIONS OR CLOSURES REQUIRED DURING CONSTRUCTION MUST BE APPROVED BY THE VILLAGE OF ASHVILLE ENGINEER AND SERVICE DEPARTMENTS A MINIMUM OF TWO (2) WEEKS PRIOR TO ANY WORK BEING PERFORMED. OTHERWISE, TRAFFIC LINES SHALL BE FULLY OPEN TO TRAFFIC AT ALL TIMES AND INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.

ROW 14
THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR THE PROVISION AND SCHEDULING OF PERSONNEL FOR CONCRETE, ASPHALT, AND SOILS TESTING PROCEDURES AS REQUIRED BY THE VILLAGE ENGINEER. TESTING IS TO BE PERFORMED BY REGISTERED TESTING PROCEDURES AS REQUIRED BY THE VILLAGE ENGINEER. TESTING IS TO BE PERFORMED BY A REGISTERED TESTING AGENCY THAT IS APPROVED BY THE VILLAGE ENGINEER.

ROW 15
THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR THE PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE PROVIDED WHETHER INSIDE OR OUTSIDE OF THE WORK LIMITS BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF TRAFFIC CONTROL SERVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS (CURRENT EDITION), COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF TRAFFIC ENGINEERING.

ROW 16
THE TRACKING OF SPILLAGE OF MUD, DIRT OR DEBRIS UPON VILLAGE STREETS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR.

ROW 17
NO NON-RUBBER TIRE VEHICLE SHALL BE MOVED ON VILLAGE STREETS. EXCEPTIONS MAY BE GRANTED BY AN AUTHORIZED VILLAGE OFFICIAL WHERE SHORT DISTANCES AND SPECIAL CIRCUMSTANCES ARE INVOLVED. GRANTING OF EXCEPTIONS MUST BE IN WRITING AND ANY RESULTING DAMAGE MUST BE REPAIRED TO THE SATISFACTION OF THE VILLAGE.

ROW 18
STEADY BURNING TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS AND SIMILAR TRAFFIC DEVICES IN USE AT NIGHT. CONES ARE NOT PERMITTED TO BE USED FOR NIGHT WORK.

ROW 19
ALL TRAFFIC LANES SHALL BE FULLY OPEN TO PLACING FROM 7:00 A.M. TO 9:00 A.M. AND 4:00 P.M. TO 6:00 P.M., UNLESS OTHERWISE APPROVED BY THE VILLAGE. ONE LANE MAY BE CLOSED TO TRAFFIC DURING WORKING HOURS, DURING SANITARY SEWER BORING OPERATION.

ROW 20
THE PAVEMENT SHALL BE REPLACED BY FIRST REMOVING THE TEMPORARY PAVEMENT DOWN TO MANHOLE OR OTHER MATERIAL AND REPAIRING THE EXISTING PAVEMENT FOR AT LEAST 12 INCHES BEYOND THE TRENCH LIMITS ON EACH SIDE. THE PAVEMENT TO BE REMOVED SHALL BE NEATLY SAWED, NOT MORE THAN 24 HOURS PRIOR TO THE PLACING OF PERMANENT PAVEMENT MATERIALS. THE PERMANENT PAVEMENT MATERIALS AND WORKMANSHIP SHALL BE AT LEAST EQUIVALENT TO THE EXISTING PERMANENT PAVEMENT REPAIRED, AS DETERMINED BY THE ENGINEER. AFTER REMOVAL OF THE TEMPORARY PAVEMENT AND SAWING OF THE EXISTING PAVEMENT EDGES, ITEM 407 TACK COAT SHALL BE APPLIED TO THE EXPOSED EXISTING PAVEMENT EDGES, AND TO THE BASE MATERIAL, PRIOR TO THE PLACING OF THE PERMANENT PAVEMENT.

ROW 21
ALL TRENCHES IN THE ROADWAY SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

ROW 22
IN THE EVENT EXCAVATION FOR THE STREET IS FROM ZERO (0) INCHES TO TWELVE (12) INCHES BELOW WHAT IS CALLED FOR ON THE PLANS, THE CONTRACTOR SHALL REPLACE THIS EXCESS EXCAVATED MATERIAL AS DIRECTED BY THE GEOTECHNICAL ENGINEER. ITEM 310 OR 304 AS DIRECTED AND AT NO EXTRA COST TO THE OWNER.

ROW 23
WHERE NECESSARY TO DISTURB EXISTING PAVEMENT OR DRIVES, THE PAVEMENT SHALL BE SAW CUT IN NEAT, STRAIGHT LINES. THE DEPTH OF SAW CUT SHALL BE AT LEAST TWO (2) INCHES.

SANITARY AND STORM SEWER NOTES

STM/SAS 1
ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.

STM/SAS 2
ALL SANITARY SEWERS CONSTRUCTED UNDER THIS PLAN SHALL MEET THE REQUIREMENTS OF THE VILLAGE OF ASHVILLE, UNLESS OTHERWISE NOTED.

STM/SAS 3
THE CONSTRUCTION OF NEW SANITARY SEWERS OR WATERLINES SHALL NOT BEGIN UNTIL THE VILLAGE RECEIVES AN APPROVED AND CURRENT OHIO ENVIRONMENTAL PROTECTION AGENCY PERMIT TO INSTALL (PTI), OR A LETTER OF ACCEPTANCE.

STM/SAS 4
THERE SHALL BE NO SANITARY SEWER INSTALLED IN REAR OR SIDE LOT EASEMENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE VILLAGE OF ASHVILLE WASTEWATER SUPERINTENDENT.

STM/SAS 5
THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE SHALL BE PVC SEWER PIPE ASTM D-3034, SDR 35 AND ASTM F-679.

STM/SAS 6
THE MINIMUM REQUIREMENT FOR STORM SEWER PIPE SHALL BE: 8" THROUGH 36" HIGH DENSITY POLYETHYLENE #12 OR EQUAL HIGH DENSITY POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL. STORM DRAINS LARGER THAN 36" SHALL MEET THE REQUIREMENTS OF ASHTO M-294-5. REINFORCED CONCRETE RCP MAY BE SPECIFIED BY THE ENGINEER WHEN THEY DEEM NECESSARY.

STM/SAS 7
ALL TRENCH BACKFILL SHALL BE COMPACTED BACKFILL AS PER CMSC ITEM 911. THE COST OF OIL COMPACTED BACKFILL SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND INSTALLING PIPE. THE CONTRACTOR IS HEREBY NOTIFIED THAT THE CMSC FOR ASHVILLE REQUIRES THE USE OF NUMBER 57 CRUSHED LIMESTONE ROUND GRAVEL FOR BEDDING OF SANITARY PIPE.

STM/SAS 8
IN ADDITION TO THE REQUIREMENTS OF CMSC ITEM 901.08 AS IT REFERS TO COMPACTED BACKFILL, THERE MAY BE AREAS ON THE PLANS WITH THE LIMITS INDICATED ON THE PROFILE VIEW OF THE SEWER AS "COMPACTED GRANULAR BACKFILL". THESE AREAS WILL BE COMPACTED TO MEET THE REQUIREMENTS OF CMSC ITEM 912.03. PAYMENT FOR THE COMPACTION OF BACKFILL WITHIN THESE AREAS SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND INSTALLING PIPE.

STM/SAS 9
ALL BEDDING OF SANITARY SEWER PIPE SHALL CONFORM TO THE TYPICAL TRENCH DETAIL.

STM/SAS 10
THE CONTRACTOR'S SPECIFIC ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE LEAKAGE TEST. ALL SANITARY SEWERS SHALL BE TESTED FOR LEAKAGE IN ACCORDANCE WITH 901.20 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS. THIS IS AN EXFIRATION WATER TEST. AN AIR TEST IS PERMITTED AS DIRECTED BY THE VILLAGE OF ASHVILLE. AN INFILTRATION TEST MAY BE REQUIRED IN AREAS OF HIGH GROUNDWATER.

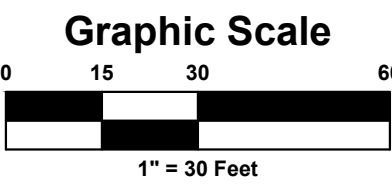
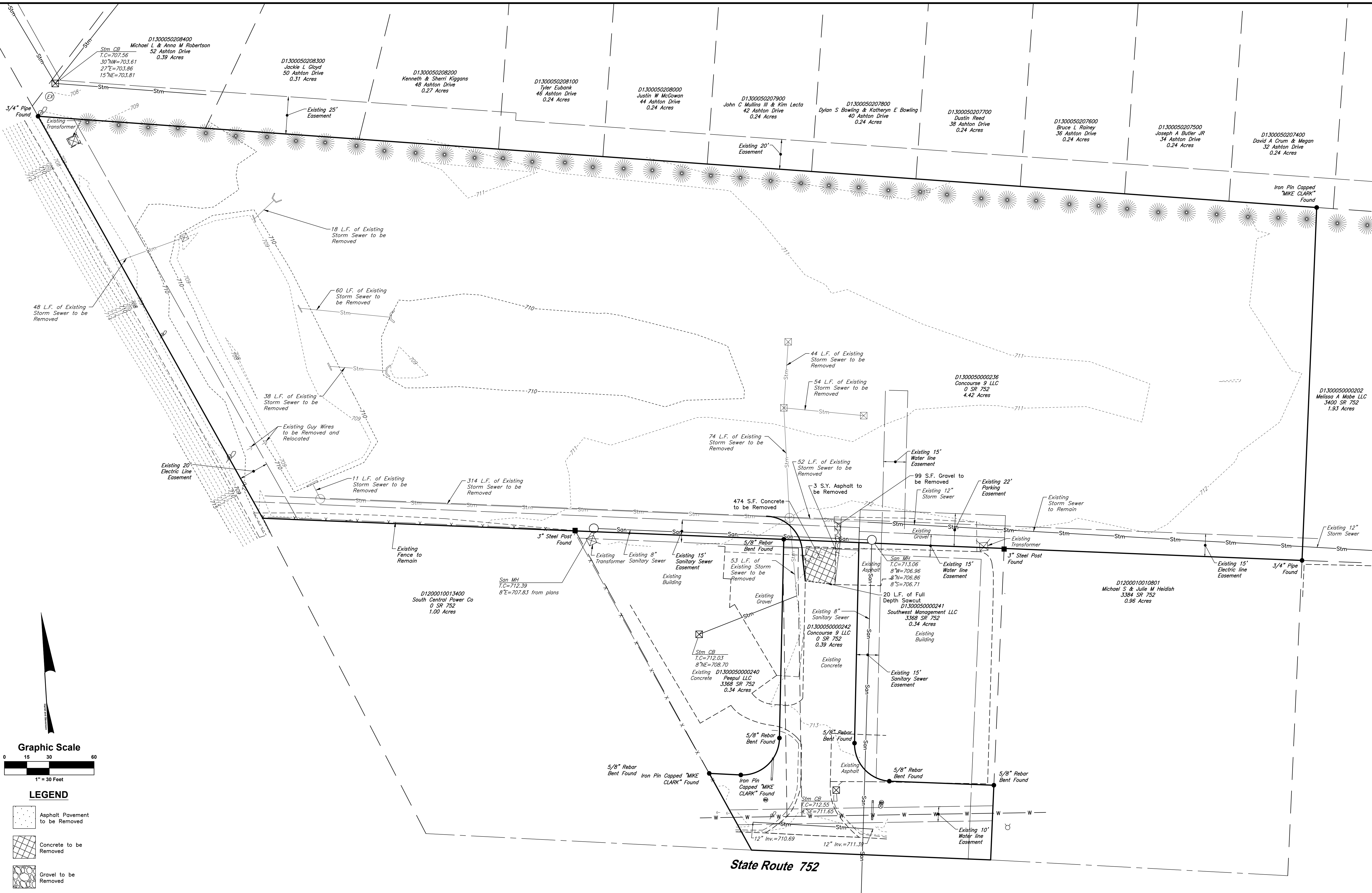
STM/SAS 11
PIPE FOR ALL SIX (6) INCH HOUSE SERVICES SHALL BE PVC SEWER PIPE, ASTM D-3034, SDR 35. ALL SERVICE EXTENSIONS SHALL BE LAID AT A "MINIMUM GRADE OF TWO (2) PERCENT AND SHALL BE CONSTRUCTED AT THE TIME OF CONSTRUCTION OF THE MAIN SEWER, UNLESS OTHERWISE DIRECTED BY THE VILLAGE ENGINEER.

STM/SAS 12
CONNECTIONS BETWEEN EXISTING AND PROPOSED SERVICE LINES SHALL BE COMPLETED USING A FOUR (4) INCH OR SIX (6) INCH FERRO, INC. DONUT OR BOOT.

STM/SAS 13
A WYE POLE MADE OF 4" BY 4" LUMBER SHALL BE FURNISHED AND PLACED AT ALL WYE BRANCHES AND AT THE END OF EXTENDED SERVICE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE SEWER ITEMS.

STM/SAS 14
ALL SANITARY SEWER LINES INSTALLED USING PVC PIPE WILL BE SUBJECT TO DEFLECTION TESTING BY PULLING AN APPROVED MANDEREL EQUAL IN DIAMETER TO 95% OF THE PIPE DIAMETER THROUGH THE PIPE NO LESS THAN (30) DAYS AFTER THE PIPE IS BACKFILLED.

STM/SAS 15
THE WYE LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE FIELD



- LEGEND**
- Asphalt Pavement to be Removed
 - Concrete to be Removed
 - Gravel to be Removed
 - Full Depth Sawcut

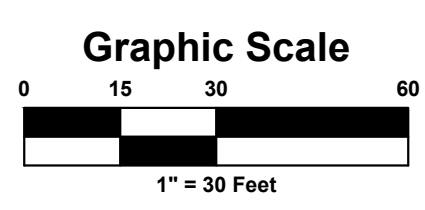
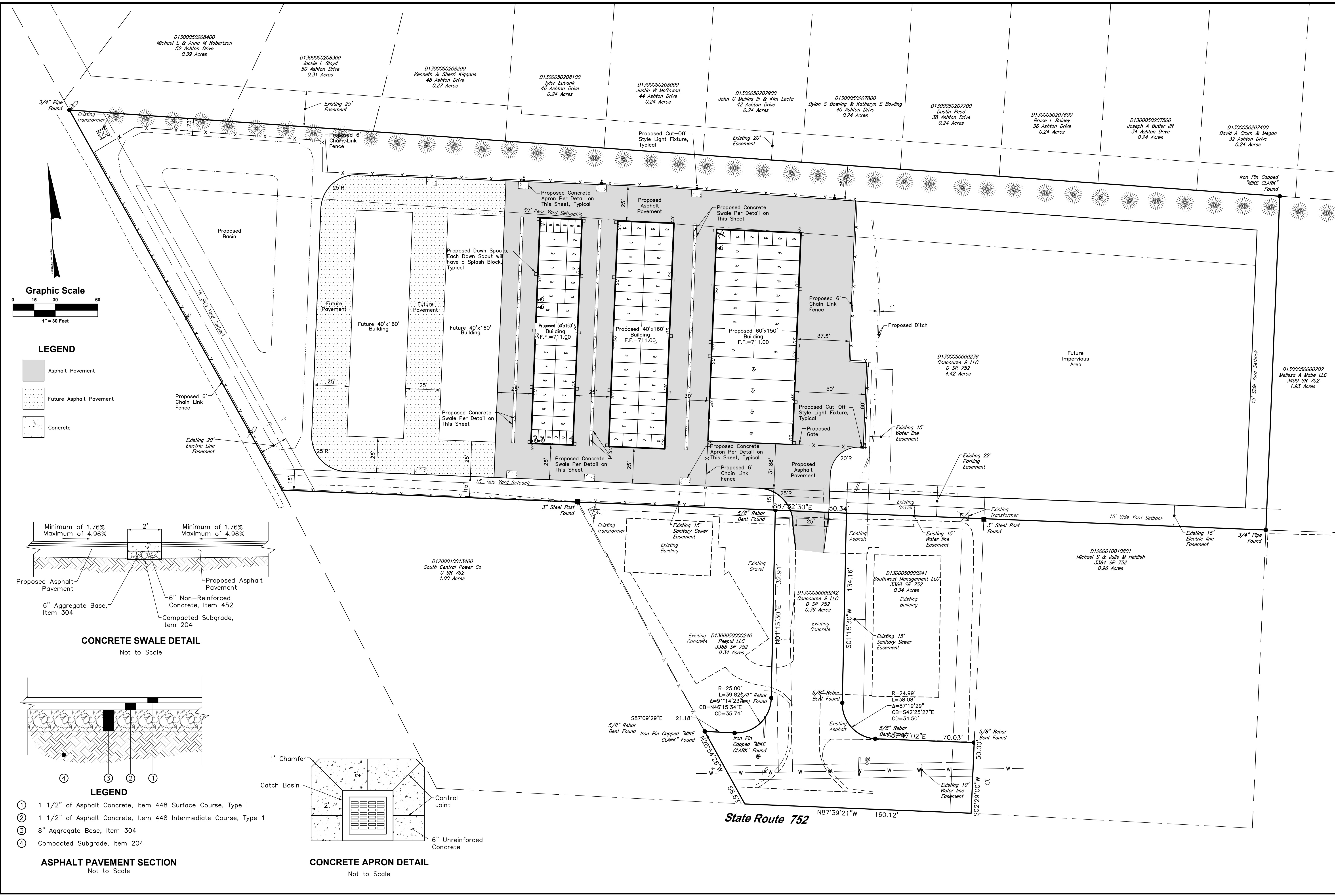
Revisions		Description	
Drafted	By	Mark	Description
	NSC		
	CES		

VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO
ASHVILLE CONCOURSE
STATE ROUTE 752
PLOT, GRADE, AND UTILITY PLAN
EXISTING SITE AND DEMOLITION PLAN

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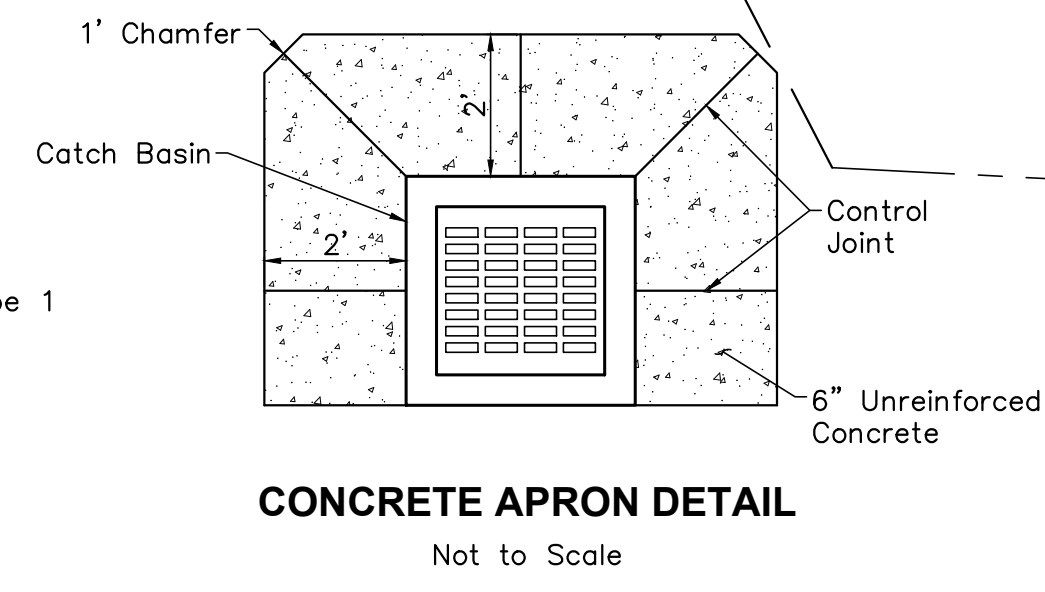
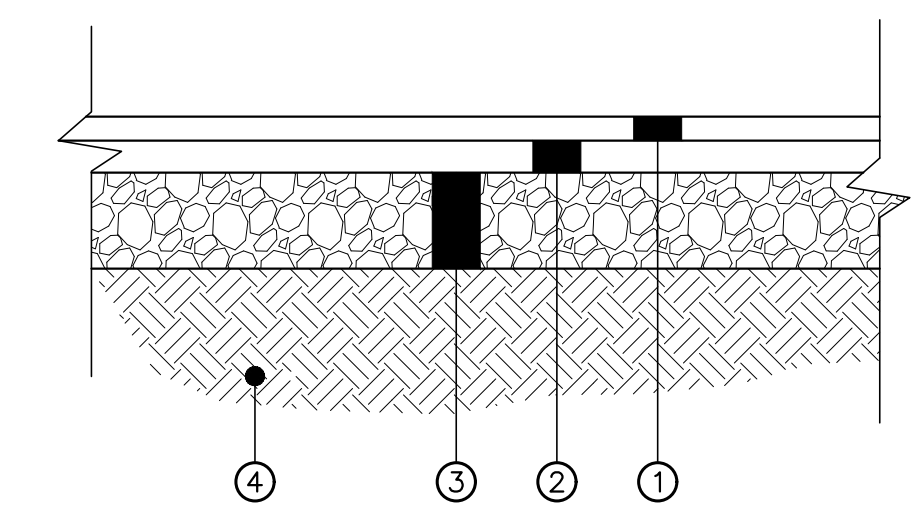
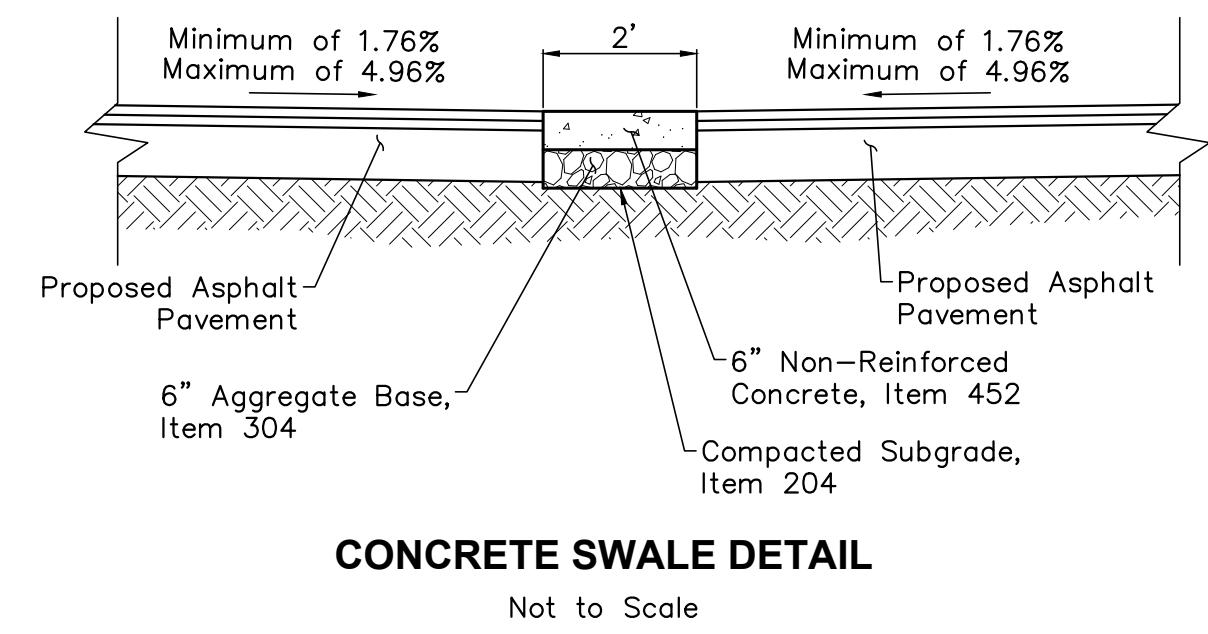
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Project:	E231032	Date:	Sept. 22, 2023
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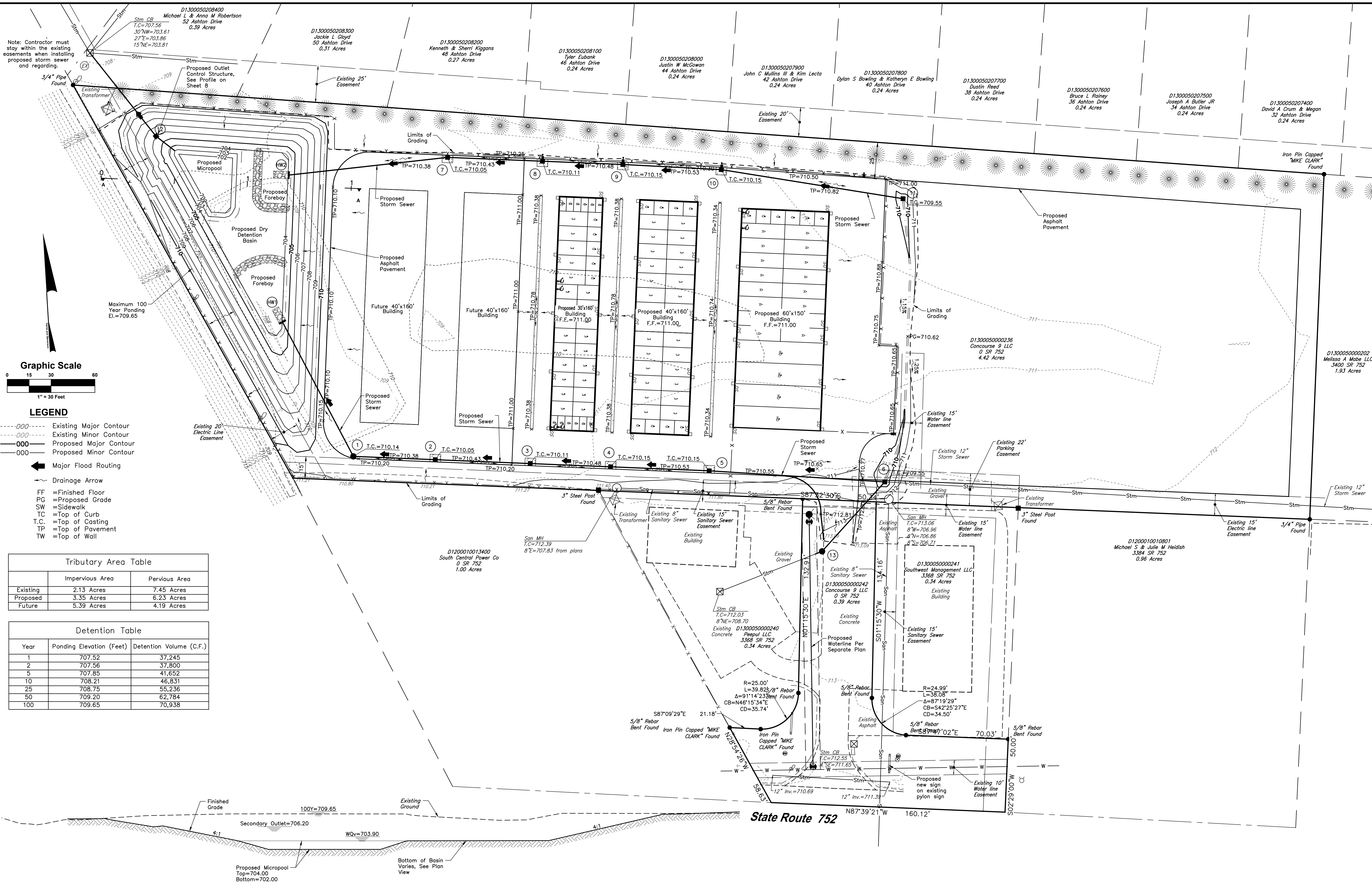
LEGEND

	Asphalt Pavement
	Future Asphalt Pavement
	Concrete

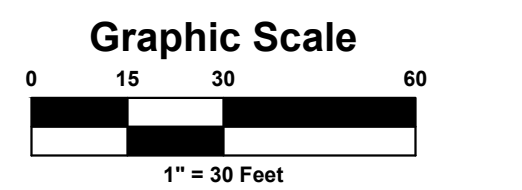


- LEGEND**
- ① 1 1/2" of Asphalt Concrete, Item 448 Surface Course, Type 1
 - ② 1 1/2" of Asphalt Concrete, Item 448 Intermediate Course, Type 1
 - ③ 8" Aggregate Base, Item 304
 - ④ Compacted Subgrade, Item 204

VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO	
ASHVILLE CONCOURSE	
STATE ROUTE 752	
PLOT, GRADE, AND UTILITY PLAN	
SITE PLAN	
Revisions	Description
Drafted By	Mark
By	Reviewed By
NSC	CES
Harral and Stevenson	
Civil Engineering and Surveying	
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Project: E231032	Sheet: 4/10



Note: Contractor must stay within the existing easements when installing proposed storm sewer and regarding.



- LEGEND**
- Existing Major Contour
 - Existing Minor Contour
 - Proposed Major Contour
 - Proposed Minor Contour
 - ➔ Major Flood Routing
 - ➔ Drainage Arrow
 - FF = Finished Floor
 - PG = Proposed Grade
 - SW = Sidewalk
 - TC = Top of Curb
 - T.C. = Top of Casting
 - TP = Top of Pavement
 - TW = Top of Wall

Tributary Area Table

	Impervious Area	Pervious Area
Existing	2.13 Acres	7.45 Acres
Proposed	3.35 Acres	6.23 Acres
Future	5.39 Acres	4.19 Acres

Detention Table

Year	Ponding Elevation (Feet)	Detention Volume (C.F.)
1	707.52	37,245
2	707.56	37,800
5	707.85	41,652
10	708.21	46,831
25	708.75	55,236
50	709.20	62,784
100	709.65	70,938

SECTION A-A
 Horizontal Scale: 1"=10'
 Vertical Scale: 1"=10'

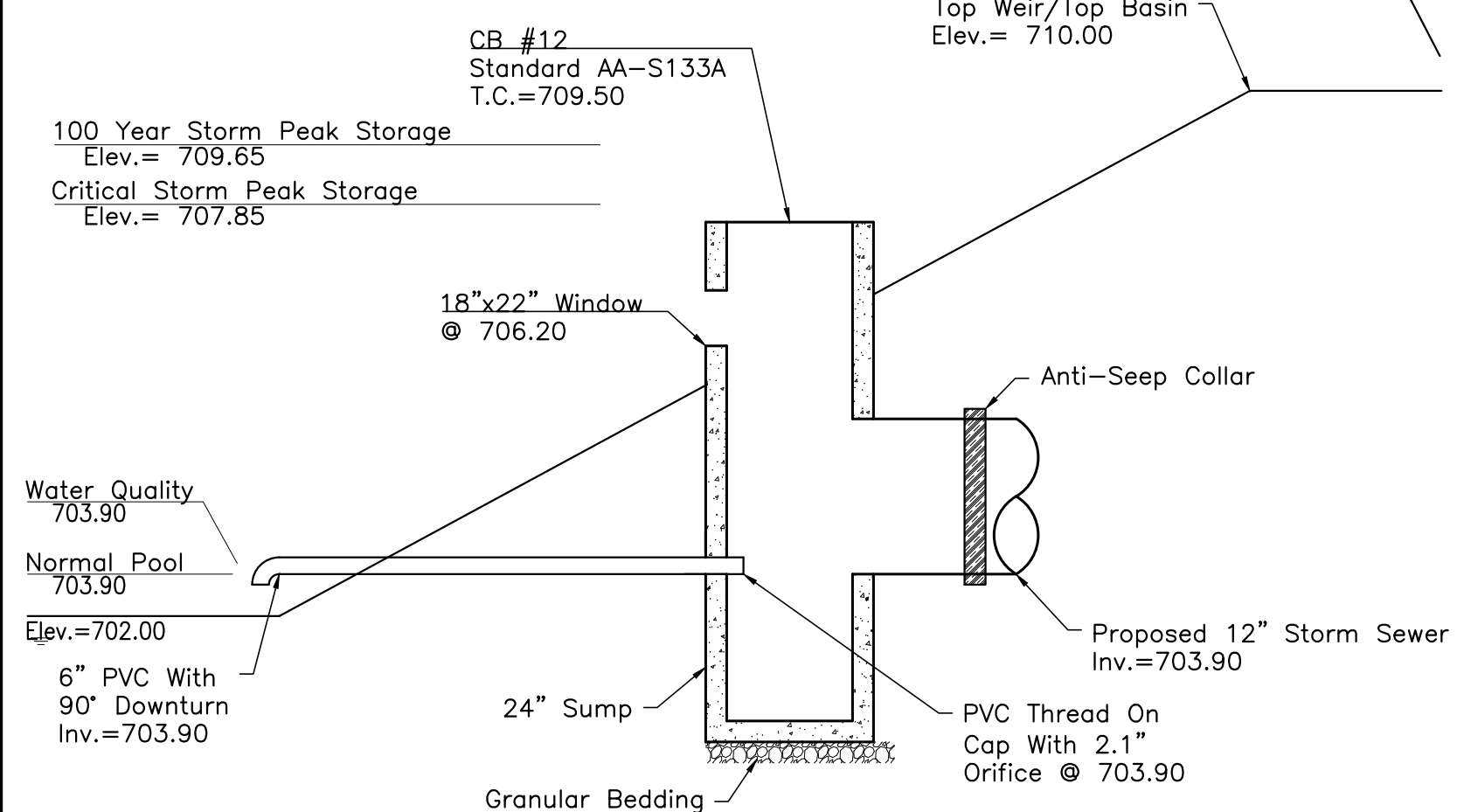
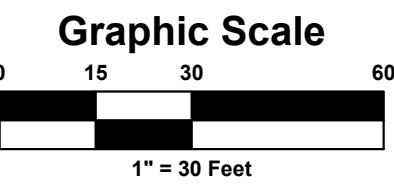
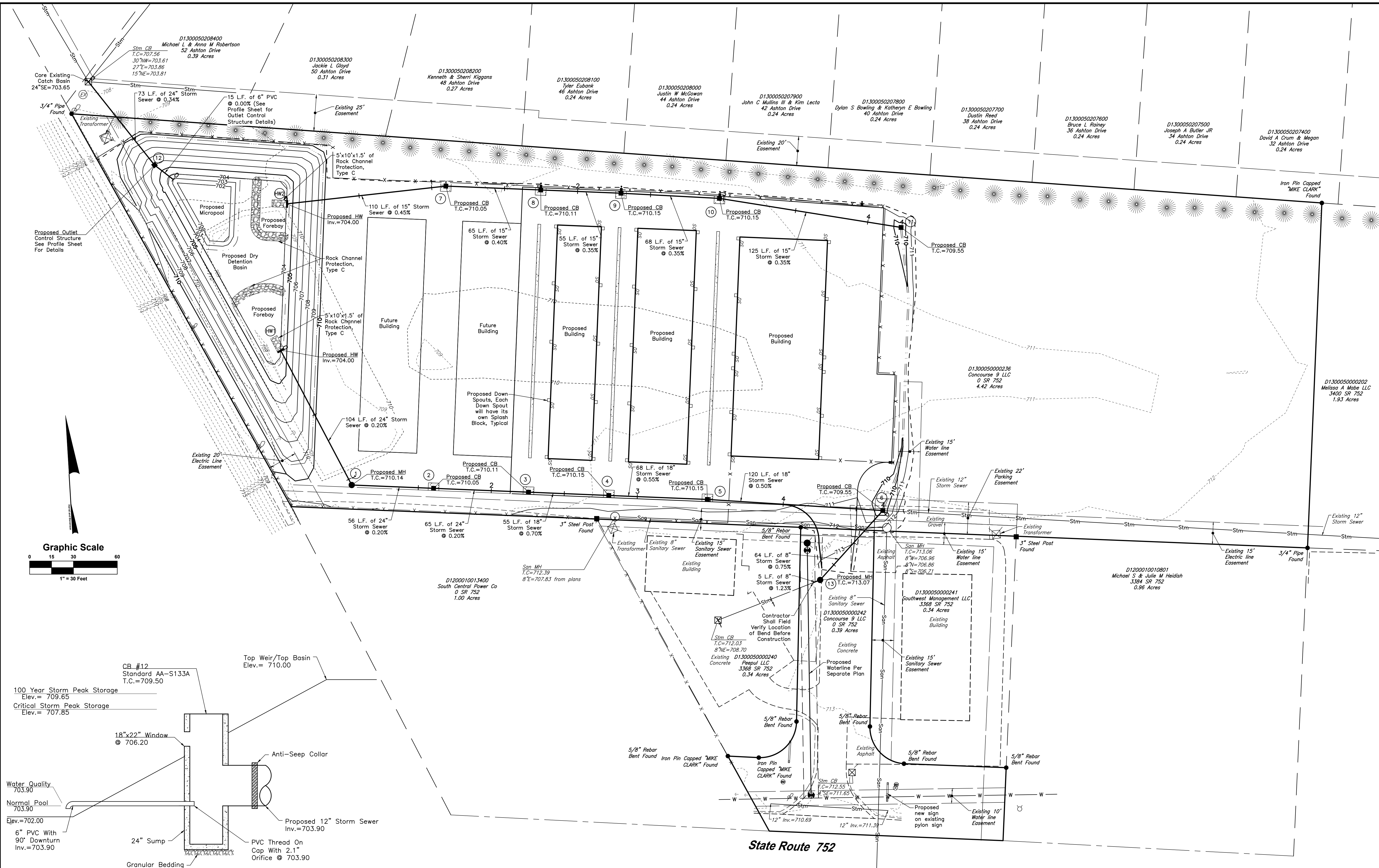
VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO
ASHVILLE CONCOURSE
STATE ROUTE 752
PLOT, GRADE, AND UTILITY PLAN
GRADING PLAN

Revisions	Description

Drafted By	NSC
Reviewed By	CES

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Project: E231032
 Date: Sept. 22, 2023
 Scale: 1"=30'
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Basin Outlet Control Detail
Not To Scale

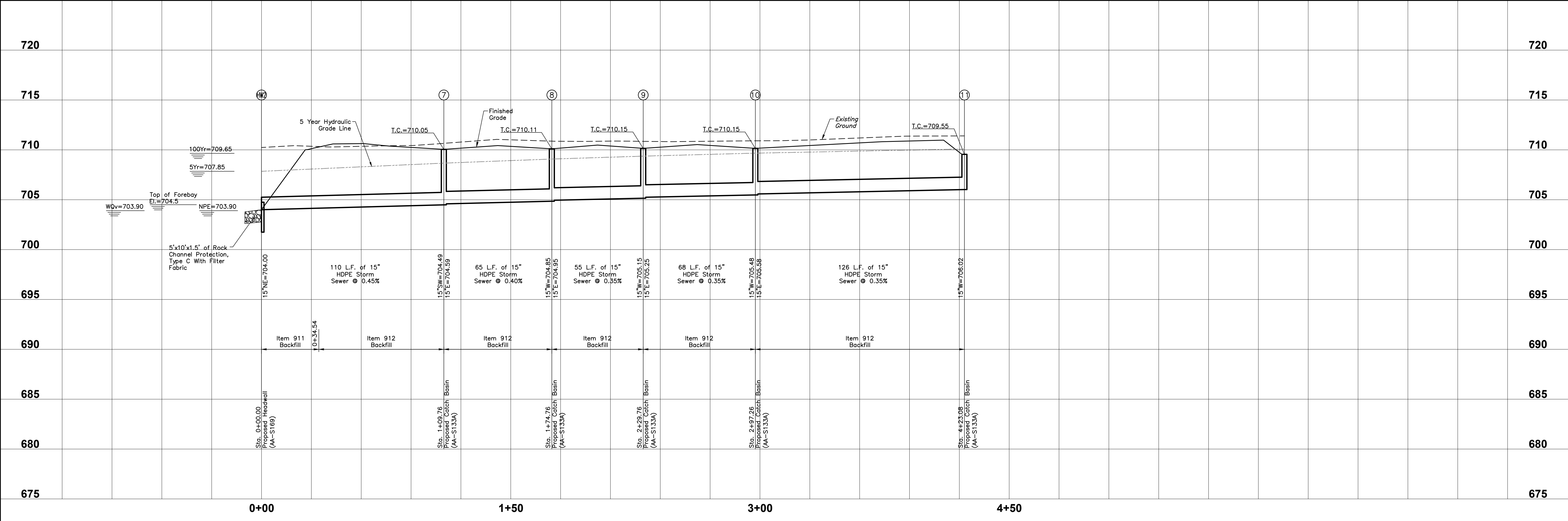
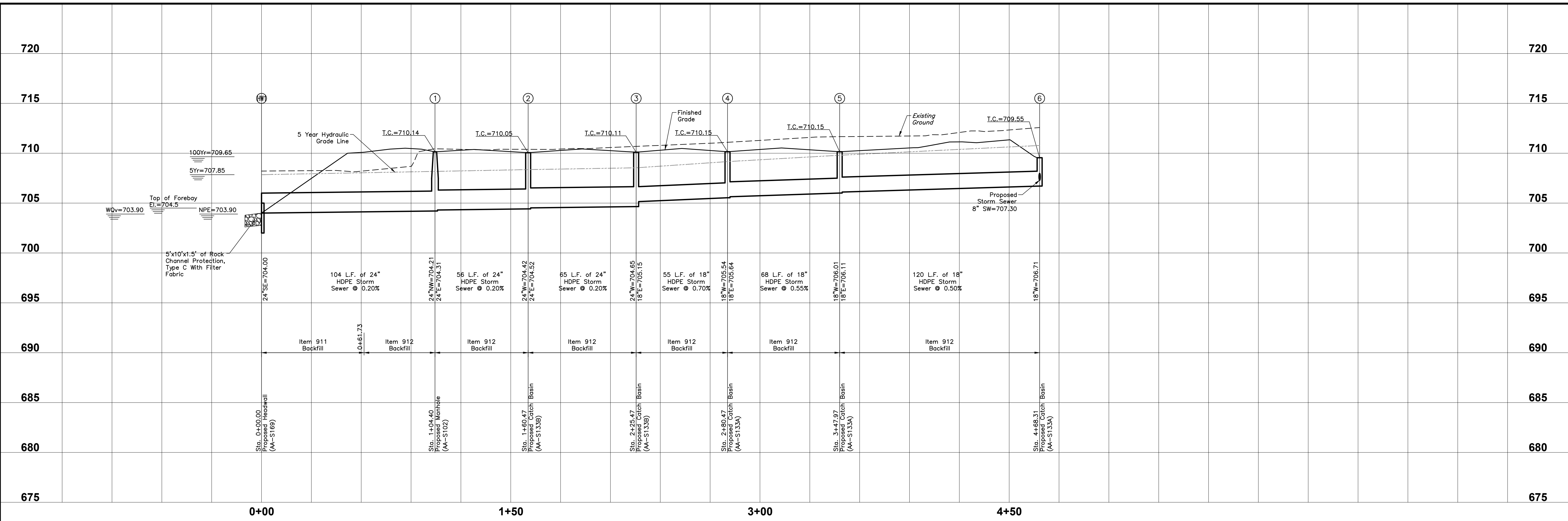
Revisions		Description	
Mark	By	Mark	By
Drafted	NSC	Reviewed	CES

Project:	E231032	Date:	Sept. 22, 2023
Sheet:	6/10	Scale:	1"=30'

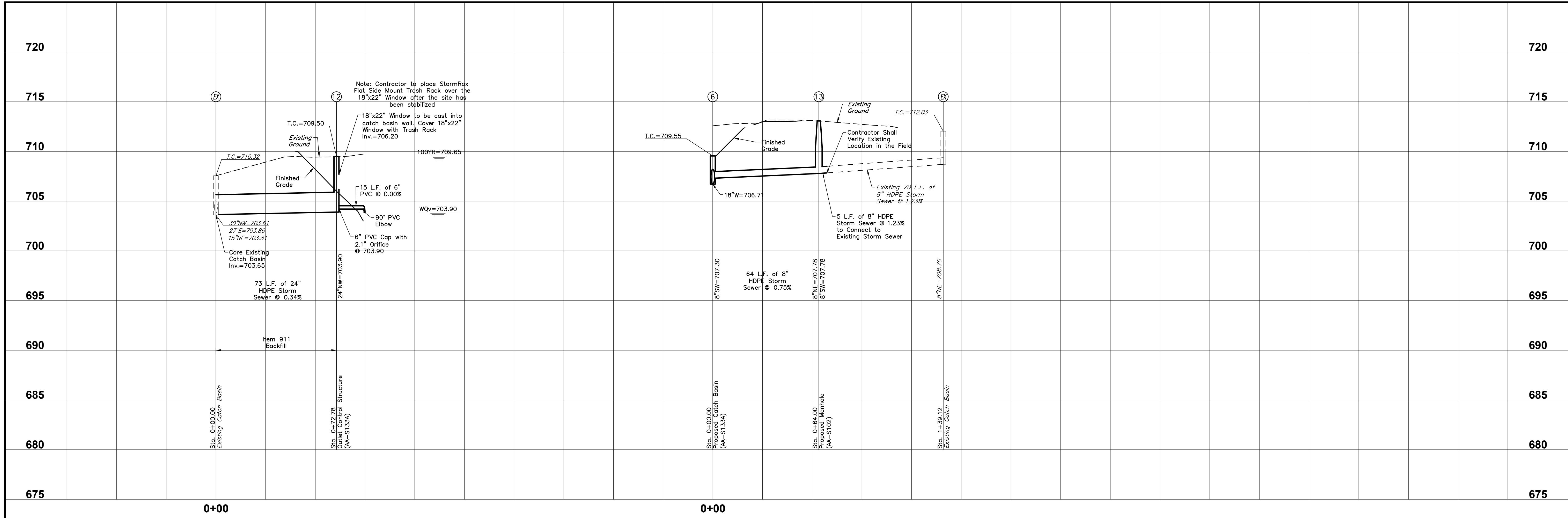
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ASHVILLE CONCOURSE
STATE ROUTE 752
 PLOT, GRADE, AND UTILITY PLAN
 UTILITY PLAN

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D1300050208400 Michael L & Anna M Robertson 52 Ashton Drive 0.39 Acres
 D1300050208300 Jackie L Gloyd 50 Ashton Drive 0.31 Acres
 D1300050208200 Kenneth & Sherri Kiggins 48 Ashton Drive 0.27 Acres
 D1300050208100 Tyler Eubank 46 Ashton Drive 0.24 Acres
 D1300050208000 Justin W McCowan 44 Ashton Drive 0.24 Acres
 D1300050207900 John C Mullins III & Kim Lecta 42 Ashton Drive 0.24 Acres
 D1300050207800 Dylan S Bowling & Kathryn E Bowling 40 Ashton Drive 0.24 Acres
 D1300050207700 Dustin Reed 38 Ashton Drive 0.24 Acres
 D1300050207600 Bruce L Rainey 36 Ashton Drive 0.24 Acres
 D1300050207500 Joseph A Butler JR 34 Ashton Drive 0.24 Acres
 D1300050207400 David A Crum & Megan 32 Ashton Drive 0.24 Acres
 D1300050000236 Concourse 9 LLC 0 SR 752 4.42 Acres
 D1300050000202 Melissa A Mabe LLC 3400 SR 752 1.93 Acres
 D1200010013400 South Central Power Co 0 SR 752 1.00 Acres
 D1300050000241 Southwest Management LLC 3368 SR 752 0.34 Acres
 D1300050000242 Concourse 9 LLC 0 SR 752 0.39 Acres
 D1300050000240 Paegul LLC 3368 SR 752 0.34 Acres
 D1200010010801 Michael S & Julie M Heidish 3384 SR 752 0.96 Acres



VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO ASHVILLE CONCOURSE STATE ROUTE 752 PLOT, GRADE, AND UTILITY PLAN STORM SEWER PROFILES	
Harral and Stevenson Civil Engineering and Surveying 2868 North Court Street Columbus, Ohio 43115 Ph: 740.457.4432 www.harralstevenson.com	Revisions Description Mark Drafted By NSC Reviewed By CES
Project: E231032 Date: Sept. 22, 2023 Sheet: 7/10 Scale: Horiz: 1"=30' Vert: 1"=5'	



Revisions	
Mark	Description
Drafted	By NSC
Reviewed	By CES

VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO
ASHVILLE CONCOURSE STATE ROUTE 752
 PLOT, GRADE, AND UTILITY PLAN
 STORM SEWER PROFILES

STR.#	STRUCTURE TYPE	NORTHING	EASTING	T.C.	INVERTS	AS-BUILT NORTHING	AS-BUILT EASTING	AS-BUILT T.C.	AS-BUILT INVERTS
HW1	24" Headwall (AA-S169) 24" SE Inv = 704.00	628421.08	1839821.62	Inv.=704.00	24"SE=704.00				
HW2	15" Headwall (AA-S169) 15" NE Inv = 704.00	628521.13	1839825.68	Inv.=704.00	15"NE=704.00				
1	Manhole, Type C (AA-S102)	628328.74	1839870.34	710.14	24"NW=704.21 24"E=704.31				
2	Catch Basin (AA-S133A)	628326.47	1839926.37	710.05	24"W=704.42 24"E=704.52				
3	Catch Basin (AA-S133A)	628323.84	1839991.32	710.11	24"W=704.65 18"E=705.15				
4	Catch Basin (AA-S133A)	628321.27	1840046.27	710.15	18"W=705.54 18"E=705.64				
5	Catch Basin (AA-S133A)	628318.87	1840113.72	710.15	18"W=706.01 18"E=706.11				
6	Catch Basin (AA-S133A)	628311.28	1840233.81	709.55	18"W=706.71 8"SW=707.30				
7	Catch Basin (AA-S133A)	628533.30	1839934.76	710.05	15"SW=704.49 15"E=704.59				
8	Catch Basin (AA-S133A)	628530.67	1839999.71	710.11	15"W=704.85 15"E=704.95				
9	Catch Basin (AA-S133A)	628528.44	1840054.66	710.15	15"W=705.15 15"E=705.25				
10	Catch Basin (AA-S133A)	628524.90	1840122.07	710.15	15"W=705.48 15"E=705.58				
11	Catch Basin (AA-S133A)	628505.01	1840246.31	709.55	15"W=706.02				
12	Catch Basin (AA-S133A)	628547.72	1839735.37	709.55	24"NW=703.09 12"SE=703.09				
13	Manhole, Type C (AA-S102)	628263.78	1840190.92	713.07	Ex. 8"SW=707.78± 8"NE=707.78				

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Project: E231032
 Date: Sept. 22, 2023
 Sheet: 8/10
 Scale: Horiz: 1"=50'
 Vert: 1"=5'

EROSION CONTROL

Narrative
 Developer: Brent Goldbach
 Project: Ashville Concourse
 Type: Public: Storage
 Receiving Water: Mud Run
 Description: Storage Buildings
 Schedule: September 2023 to December 2023
 Total Site Area: 4.42 acres
 Disturbed Area: 2.90 acres
 Construction: Construction activity will consist of earthwork, storage buildings, and utility installation
 Erosion Control: Erosion and sedimentation will be controlled through a combination of inlet protection, silt fence, and seeding and mulching in appropriate areas.
 Existing Soils: Crosby Silt Loam (CrA)
 Existing Site: Grass
 NOI Permit: 4GC09443*AG

ON SITE CONTACT

Gold Tree Ventures, LLC
 Brent Goldbach
 614-738-2560
 goldtreeinc@gmail.com
 3947 Front Street
 Grove City, Ohio 43123

IMPLEMENTATION SCHEDULE

- Install Temporary Sedimentation Control Devices
- Grade Site
- Temporary Seeding and Mulching
- Construct Building
- Install Utilities
- Install Parking Lot
- Remove Temporary Sedimentation Control Devices
- Final Seeding and Mulching

TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
Any disturbed areas within 50 feet of a surface water of the State and not at final grade.	Within four days of the most recent disturbance if the area will remain idle for more than 21 days.
For all construction activities, any disturbed areas that will be dormant for more than 21 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.
Disturbed areas that will be idle over winter.	For residential subdivisions, disturbed areas must be stabilized at least seven days prior to transfer of permit coverage for the individual lot(s). Prior to the onset of winter weather.

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.

NOTES
 Vegetative Practices Shall Be Initiated within 7 days for areas that have been disturbed that will remain dormant for 14 days or more.

Silt Fence To Be Placed In All Areas Indicated Prior To Commencement Of Work Where Applicable.

All Erosion And Sediment Control Measures Are To Be Inspected At Least Once Every 7 Days And Within 24 Hours After Any Storm event Greater Than 0.5 Inches Of Rain Per 24 Hour Period.

Upon Completion Of Construction The Entire Site Is To Be Permanently Seeded.

All Temporary Erosion And Sediment Control Measures Shall Be Maintained In Working Order Until Final Site Stabilization Is Obtained. After These Controls Are No Longer Needed, They Shall Be Disposed Of Within 30 Days. Trapped Sediment Shall Be Permanently Stabilized To Prevent Further Erosion.

This Storm Water Pollution Prevention Plan Is Intended To Meet Or Exceed The Minimum Standards For Controlling Sources Or Pollutants On This Construction Site As Set Forth Under The Ohio EPA NPDES Permit No. OH1C000006 Which Requires The Use Of Guidelines For Best Management Practices.

This Erosion Control plan has been prepared to offer a recommended Best Management Practice for the improvements to be made. It shall be the responsibility of the Design Engineer to prepare the SWP3 plan prior to the commencement of work on the site and gain co-permit status with Ohio EPA under the general permit. No extra payment will be made to the contractor for any work in connection with any sedimentation and erosion control.
 Sediment Is To Be Removed From Wheels Prior To Entrance Onto Public Right Of Way. When Washing Is Required, It Shall Be Done On An Area Stabilized With Crushed Stone Which Drains Into An Approved Sediment Trap. All Sediment Shall Be Prevented From Entering Any Storm Drain, Ditch, or Watercourse Through Use Of Sand Bags, Gravel, Boards or Other Approved Methods. The Entrance Shall Be Maintained In A Condition Which Will Prevent Tracking Or Flowing Of Sediment Onto Public Right Of Way. This May Require Periodic Top Dressing With Stone As Conditions Demand And Repair And/Or Spilled Dropped, Washed Or Tracked Onto Public Right Of Way Must Be Removed Immediately.

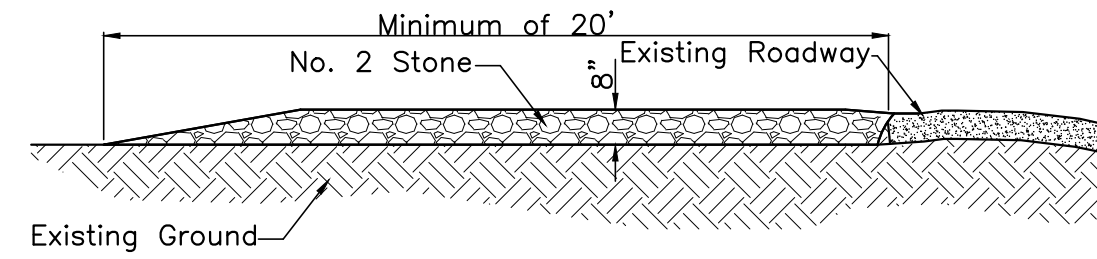
All Storm sewer Inlets shall Be Protected So That Sediment-Laden Water Will Not Enter The Storm Sewer System Without First Being Filtered Or Otherwise Treated To Remove Sediment.

The contractor is responsible for controlling soil erosion, resulting from his operations. It shall be the objective of the Contractor to contain erosion siltation and sedimentation to the project site in-so-far as practical. The Engineer may require additional activities when and where the work as set forth herein is not sufficient to control the effects of erosion, siltation, and sedimentation on non-project site properties. Topsoil should be removed and stockpiled from all work areas prior to the commencement of construction of basin, swales, pavement or building pad. Topsoil from the stockpile shall be spread over the exposed areas and graded as required to prepare areas for permanent seeding, agricultural lime, fertilizing, and mulching. Seeding should be applied the same day that grading operations are complete. All constructed slopes and cuts shall be seeded as each vertical interval of no more than ten (10) feet is completed. The Contractor shall irrigate or water as necessary to establish a healthy, erosion resistant cover crop or grass stand. When grading operations shall cease for a period of ten (10) calendar days or more, temporary seeding shall be immediately applied. If an unexpected delay is encountered, seed immediately when recognized. If construction takes place from October 1 to February 28, all exposed areas are to be temporarily mulched until March 1 and then permanently seeded as previously specified. Mulching shall be applied at a rate of 100 pounds per 1000 square feet. It shall be anchored with liquid asphalt rapid curing (R.C. 70 250 or 800) at a rate of 0.04 gallons per square yard. When applied during freezing weather it shall be cut back with a kerosene-like product. In areas where runoff water is concentrated mulch nettings of jute, biodegradable synthetic materials or is concentrated concentrated mulch netting of jute, bio-degradable synthetic materials or light weight paper shall be used to hold the mulch in place. Substitute anchoring methods may be used such as straight disk or notched disk to tuck the straw into the seeded three (3) inches horizontal to the slope.

This plan must be posted on-site. A copy of the SWPPP plan and the approved EPA Stormwater Permit (with the site-specific NOI number) shall be kept on-site at all times.

All erosion and sediment control practices are subject to field modification at the discretion of the City of Columbus and/or the Ohio EPA.

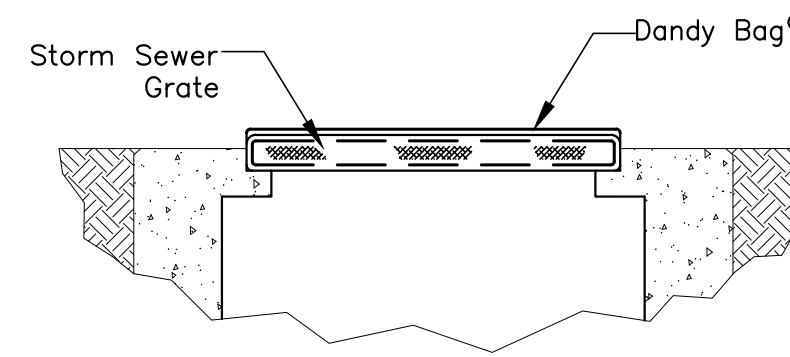
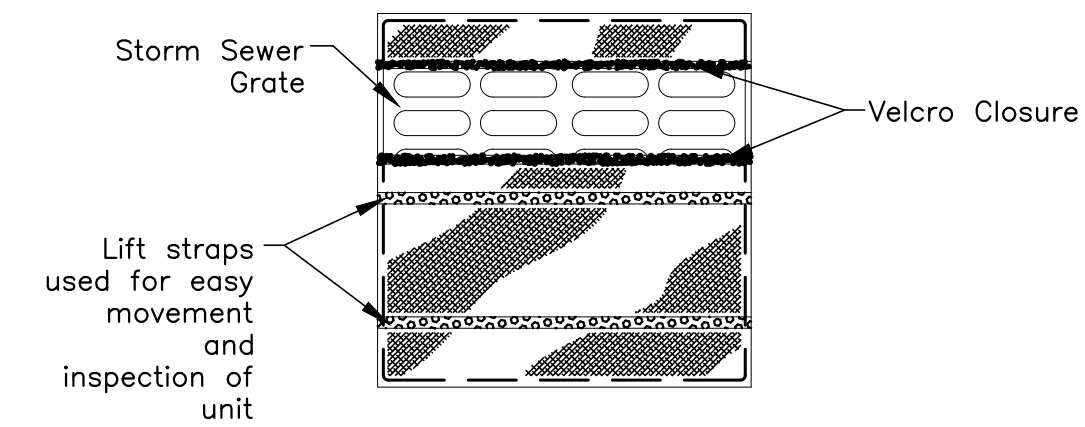
Street cleaning (on an as-needed basis) is required through the duration of this construction project. This includes sweeping, power cleaning and (if necessary) manual removal of dirt or mud in the street gutters.



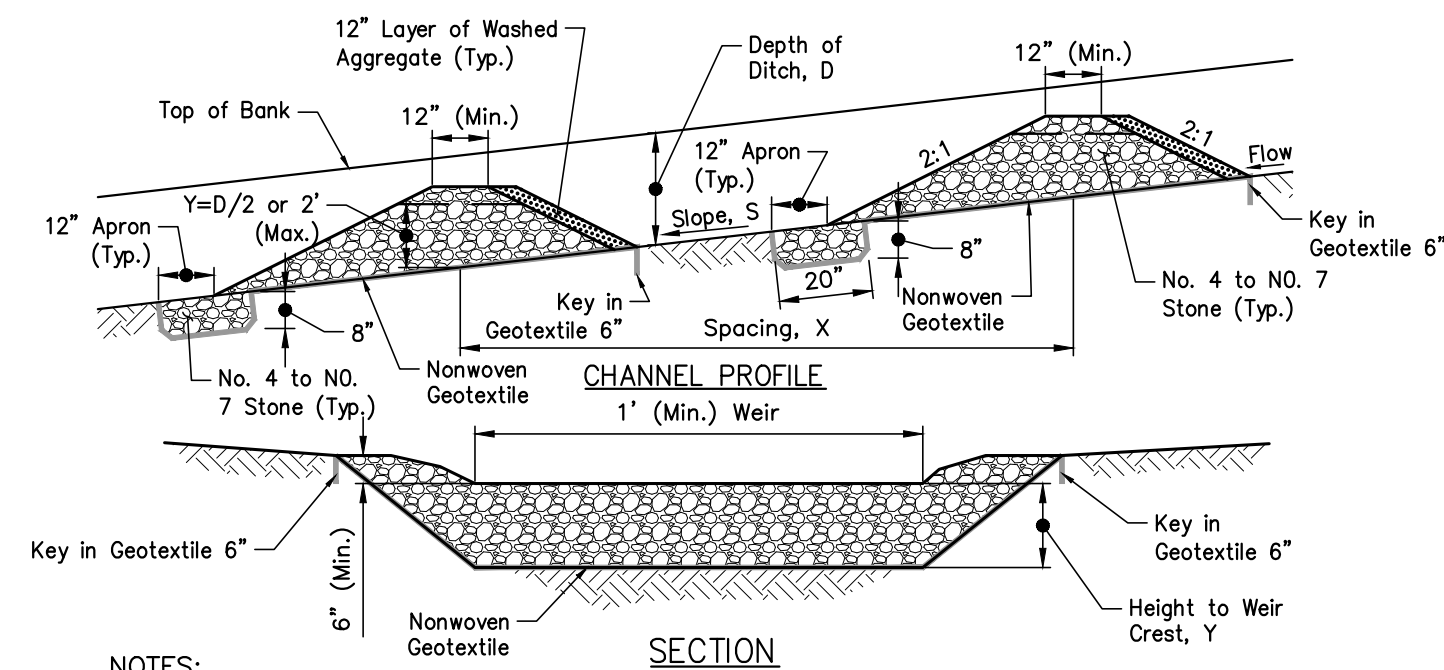
STONE SIZE – No. 2 (2-1/2" to 1-1/2") or its Equivalent
LENGTH – As effective, but not less than 50 feet
THICKNESS – Not less than eight (8) inches
WIDTH – Not less than full width of all points of ingress or egress
WASHING – When Necessary, wheels shall be cleaned to remove sediment prior to Entrance onto public Right-of-Way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap. All sediment shall be prevented from entering any storm drain, ditch, or Watercourse through use of sand bags, gravel, boards or other approved methods.

MAINTENANCE – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public Right-of-Way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public Right-of-Way must be removed immediately.

STABILIZED CONSTRUCTION ENTRANCE

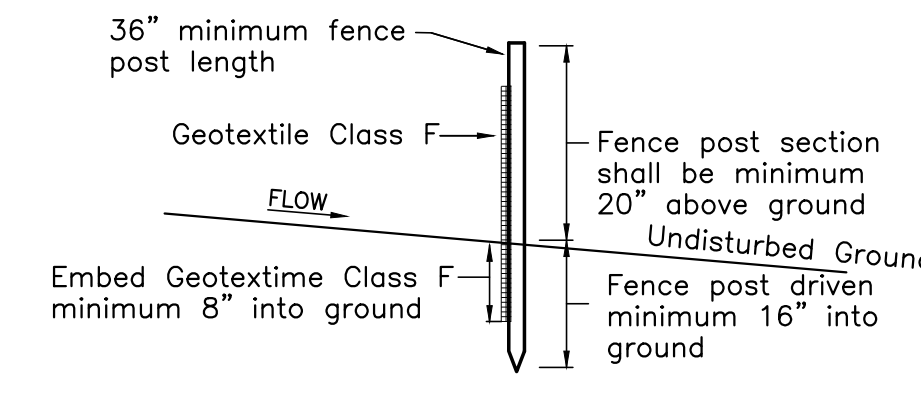
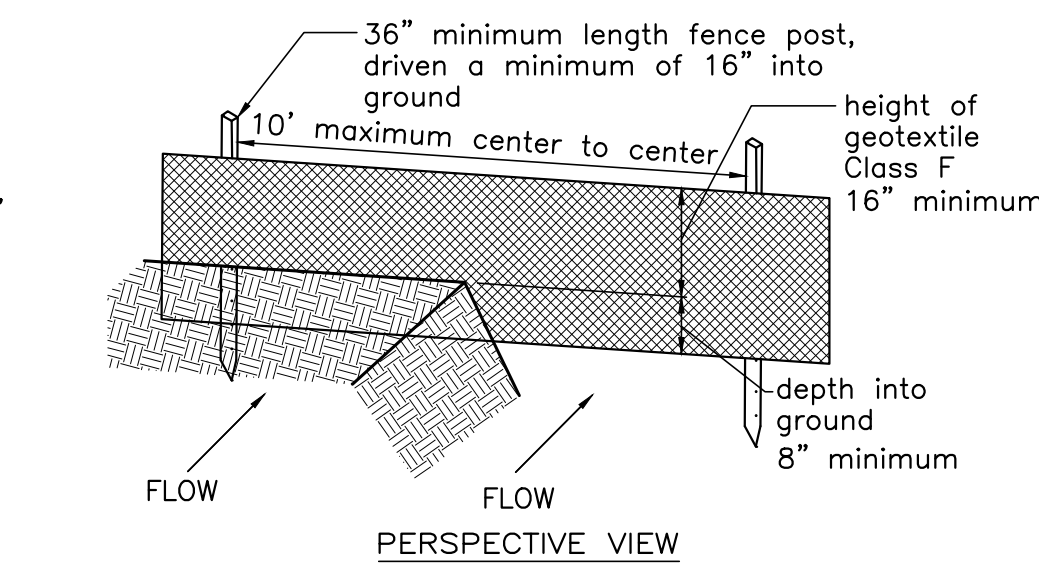


CATCH BASIN PROTECTION DETAIL
 Not to Scale

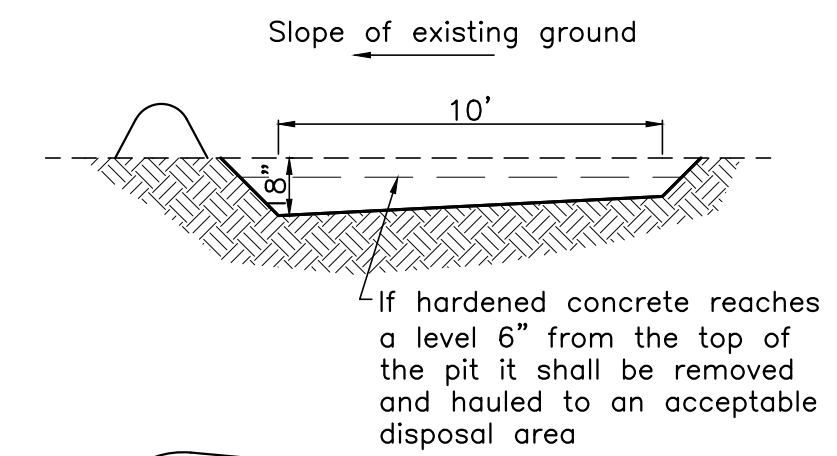


- NOTES:**
- Place Nonwoven Geotextile, under the bottom and sides of the dam prior to placement of stone. Construct the check dam with washed 4 to 7 inch stone with side slopes of 2:1 or flatter and a minimum top width of 12 inches. Place the stone so that it completely covers the width of the channel and channel banks. Form the weir so that top of the outlet crest is approximately 6 inches lower than the outer edges.
 - Set the height for the weir crest equal to one-half the depth of the channel or ditch. To avoid scour the maximum height of the weir crest must not exceed 2.0 feet.
 - Remove accumulated sediment when it reaches one-half of the height of the weir crest. Maintain line, grade, and cross section.

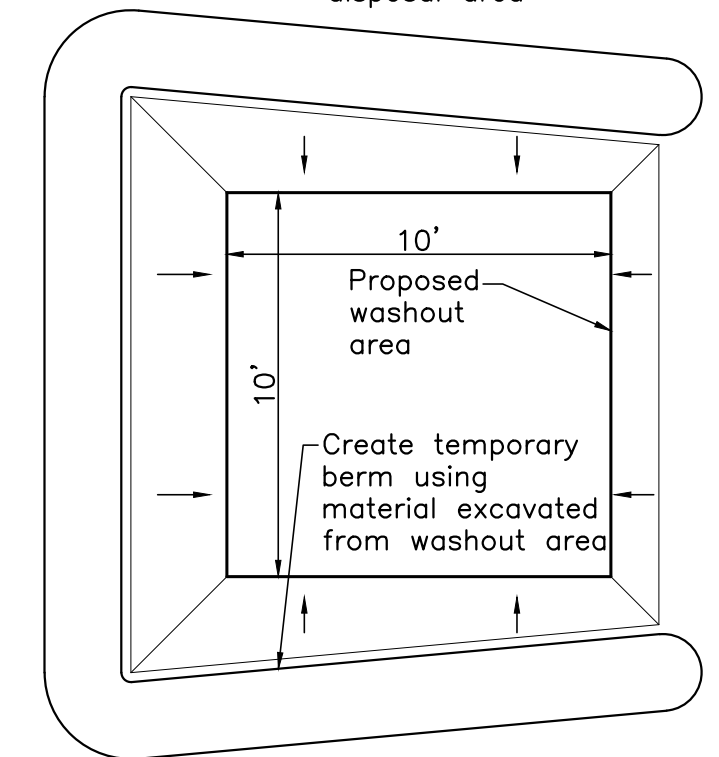
ROCK DITCH CHECK DETAIL
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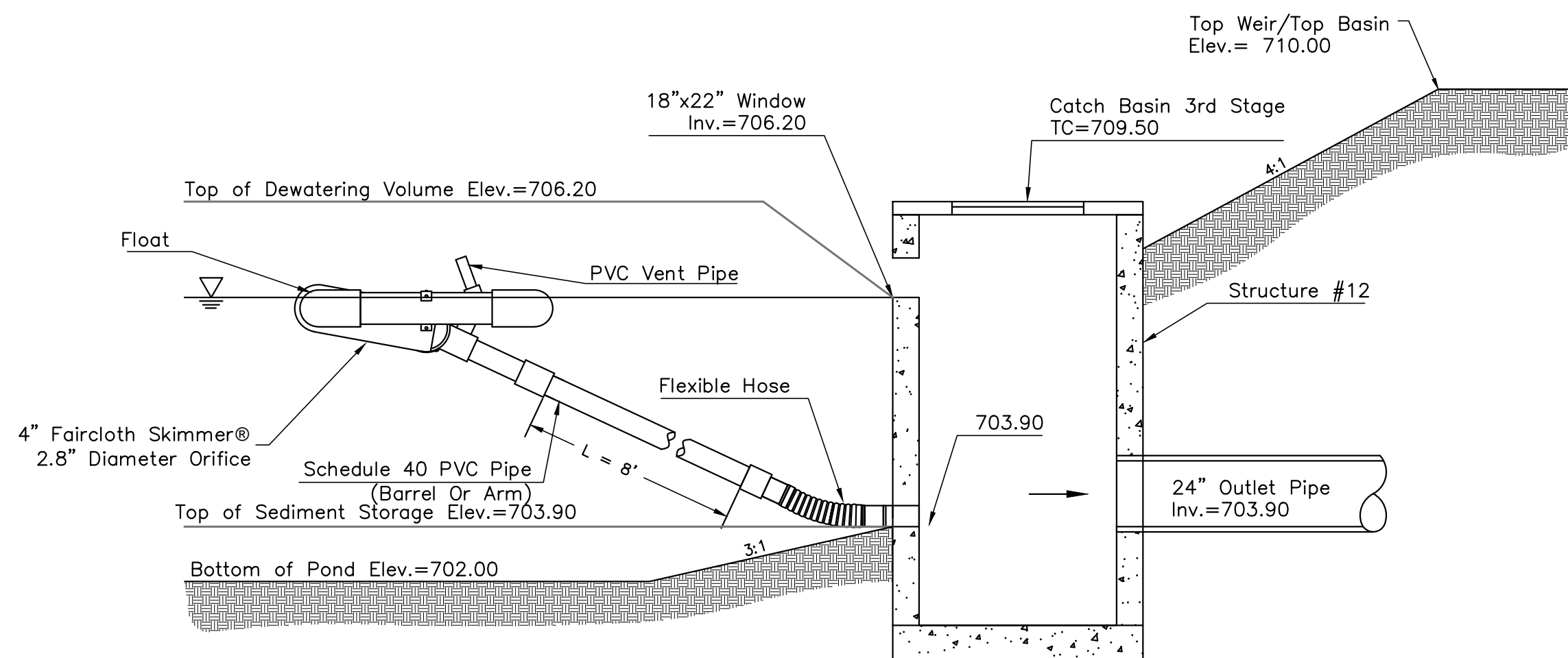
CROSS SECTION SILT FENCE DETAIL



If hardened concrete reaches a level 6" from the top of the pit it shall be removed and hauled to an acceptable disposal area



CONCRETE WASHOUT DETAIL
 Not to Scale

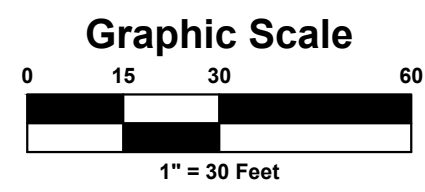
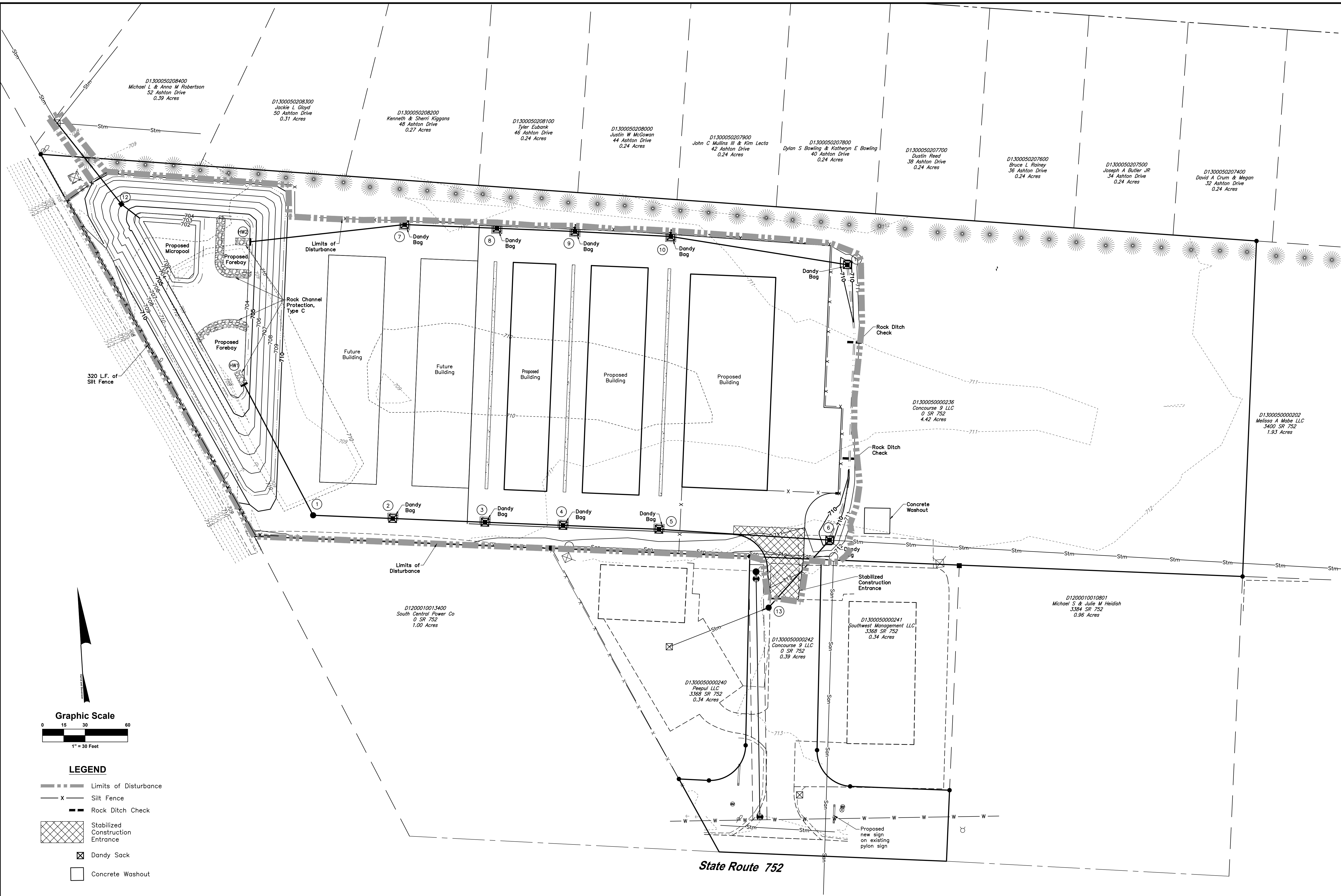


FAIRCLOTH SKIMMER/OUTLET CONTROL STRUCTURE DETAIL

4.0" Faircloth Skimmer w/ 2.8" Diameter Orifice
 Sized for 19,720 C.F. And 48 Hour Draw Down
 For Use During Earth Disturbing Activities
 Not to Scale

Required Basin volume in cubic feet	Days to Drain
19720	2
The required basin volume is the actual volume you intend to drain, not the provided or total volume which is often larger. If a pool of water is to be maintained between storms, do not include that volume.	
SKIMMER SIZE 4.0 inches	ORIFICE RADIUS 1.4 inches
	ORIFICE DIAMETER 2.8 inches

Revisions: Description, Mark, Drafted By, NSC, Reviewed By, CES
 VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO
 ASHVILLE CONCOURSE
 STATE ROUTE 752
 PLOT, GRADE, AND UTILITY PLAN
 STORM WATER POLLUTION PREVENTION NOTES AND DETAILS
 Harral and Stevenson
 Civil Engineering and Surveying
 2868 North Court Street
 Columbus, Ohio 43115
 Ph: 740.497.4432
 www.harralstevenson.com
 Date: Sept. 22, 2023
 Project: E231032
 Sheet: 9/10
 Scale: N/A



LEGEND

- Limits of Disturbance
- Silt Fence
- Rock Ditch Check
- Stabilized Construction Entrance
- Dandy Sack
- Concrete Washout

VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO ASHVILLE CONCOURSE STATE ROUTE 752 PLOT, GRADE, AND UTILITY PLAN STORM WATER POLLUTION PREVENTION PLAN		Revisions Description Mark Drafted By NSC Reviewed By CES
		Date: Sept. 22, 2023 Project: E231032 Scale: 1"=30' Sheet: 10/10
Harral and Stevenson Civil Engineering and Surveying 2868 North Court Street Columbus, Ohio 43115 Ph: 740.497.4432 www.harralstevenson.com		