



CITY COUNCIL
Tuesday, September 6, 2022, 7:30 PM
301 SYCAMORE STREET, BROOKVILLE, OHIO 45309
937-833-2135
www.brookvilleohio.com

<https://brookvilleoh.webex.com/brookvilleoh/j.php?MTID=md126c47d4c8ed62fd3a7cc6cddc93fde>

Meeting number: 2631 949 5698 Password: P4Jbn3t8JPA

Join by phone: +1-415-655-0001 US Toll Access code: 263 194 95698

Agenda

I. Opening of Regular Council Meeting

- a. Call to Order
- b. Pledge of Allegiance
- c. Roll Call

II. Adoption of Agenda

III. Approval of Minutes

- a. Approval of August 16, 2022 Regular Meeting Minutes

IV. Reports of Municipal Officers

- a. City Manager
- b. Finance Director
 - 1. Fund Balance of August 31, 2022
- c. Fire Chief
- d. Police Chief
- e. Law Director
- f. Mayor Chuck Letner

V. Old Business

VI. New Business

- a. Harper Creek - Final Subdivision & Development Plan Approval

Mayor Chuck Letner • Vice Mayor James Zimmerlin
Council Members: Stephen Crane • JD Fowler • Jeff Requarth • Curt Schreier • Kim Wilder



VII. Reports of Boards and Commissions

- a. JD Fowler - Park Board
- b. Curt Schreier - Planning Commission

VIII. Public Comments (5 minutes per speaker)

IX. Motion for Adjournment

Please note: Council welcomes the comments and input of the public during Council Meetings. In order to provide an orderly fashion in which all interested parties have an opportunity to address Council, Council has adopted the following procedure for citizen's comments during any portion of the Council Meeting or Public Hearing.

Any citizen who wishes to address Council should state their name, address and then their comments. Speakers should not approach Council Members without first obtaining permission. After completion of their comments, Council would request that the speakers return to their seat so that any other interested persons could then be recognized and address Council.

The purpose of this procedure is to afford the maximum opportunity for citizen input without any type of disruption of the Council proceedings. While others are addressing Council from the podium, Council requests that audience members not make comments to Council or to other individuals to prevent any potential confusion or disruption.

Brookville City Council
Regular Meeting
August 16, 2022

The Regular Meeting of the Brookville City Council was called to order by Mayor Letner at 7:30 p.m. on August 16, 2022. The meeting was held in the City Council Chambers and virtually using the Cisco Webex application. The Pledge of Allegiance was recited. Members Crane, Fowler, Requarth, Schreier, Wilder and Zimmerlin; Manager Keaton, Finance Director Brandt, Law Director Stephan, Fire Chief Fletcher, Police Chief Jerome and Clerk Duncan were present.

Roll Call by Clerk Duncan.

Motion by Fowler, second by Zimmerlin to adopt the Agenda as presented. All yeas, motion carried.

Motion by Fowler, second by Zimmerlin to approve the August 2, 2022 Special Meeting Minutes. All yeas, motion carried.

Motion by Fowler, second by Schreier to approve the August 2, 2022 Regular Meeting Minutes. All yeas, motion carried.

Mayor Letner recognized Angie Dull as the Citizen of the Month for the month of August. Mayor Letner stated Angie is instrumental in the success of the Community Picnic and represents our Chamber of Commerce and our businesses very well.

Ms. Dull thanked Mayor Letner, stating she has a great job, and she is fortunate to work for a great group of volunteers in this great community.

Manager Keaton reported she followed up with the Southwest Ohio Purchasers for Government representative, who advertised for bids for a rock salt contract from August 1, 2022 – July 31, 2023 with a 12-month option to renew from August 1, 2023 – July 31, 2024. The Southwest Ohio Purchasers advertises for rock salt bids on a biennial basis to save costs. The option to renew is not mandatory, it is an available option. The City can enter into a 1-year contract, with the option to renew from August 1, 2023 – July 31, 2024. By next June, we need to revisit the second-year option. Manager Keaton advised as she reported during the last Council Meeting, the lowest bidder for Brookville was American Rock Salt Company, LLC at a cost of \$79.16 per ton delivered price from August 1, 2022 through July 31, 2023. Manager Keaton requested Council approve the 2022/2023 Rock Salt Bid for the purchase of 300 tons at a cost of \$79.16 per ton from American Rock Salt Company, LLC.

Motion by Zimmerlin, second by Fowler to approve the 2022/2023 Rock Salt Bid for the purchase of 300 tons at a cost of \$79.16 per ton from American Rock Salt Company, LLC. All yeas, motion carried.

Manager Keaton reported we are currently advertising for bids on the Westbrook/Albert Road Stormwater Project. The bid opening is scheduled for August 29. The bid results will be presented to Council at the first meeting in September.

Manager Keaton reported the Safe Routes to School Project is completed. Manager Keaton advised she and Street Superintendent Homan walked the project this morning with ODOT.

Manager Keaton reported the Sludge Press Facility Project is wrapping up. We are still waiting on two entry doors, and the chimney for the used oil furnace.

Manager Keaton advised the Delta Theta Tau Sorority plans to donate funds toward a new drinking fountain that will be installed near Building 3 in Golden Gate Park.

Manager Keaton reported on the cost of the N. Wolf Creek Street Waterline Replacement OPWC Project. The total project cost is \$1,472,646 which includes a 10% contingency, engineering, and advertising. Manager Keaton advised we are submitting this application as a 25% grant (\$368,162) and a 75% loan (\$1,104,484) over a 30-year period at zero percent interest. Annual debt payments would be \$36,816.15.

Manager Keaton reported Clerk Duncan received two letters of interest for our open Board/Commission seats and asked if Council would like to schedule interviews with these two individuals?

The consensus is to hold interviews on August 29, 2022 at 6:00 p.m.

Manager Keaton provided Council with a spreadsheet titled "Refuse 2023 Proposals" that displays the 2017 Budget and YTD Expenditures, a 2023 in-house proposal, and a 2023 Rumpke proposal. Manager Keaton stated our last year picking up trash in-house was 2017 with three Service Department employees. With the 2023 in-house proposal, the payroll figures include hiring two additional employees in the Service Department and leasing a new refuse truck. The 2023 Rumpke proposal includes selling our 2015 refuse truck. The totals for each column are at the bottom of the sheet. Manager Keaton stated in 2006, we had 12 full-time employees and two seasonal employees in the Service Department. One of the 12 full-time employees was the Fleet Mechanic. Today, we employ 11 in the Service Department including the Fleet Mechanic. We had one seasonal employee this spring for approximately 6 weeks. We currently have three Service Department employees that are eligible to retire, and one employee who is eligible to retire in four years. A former City Manager frequently worked in the Service Department and assisted with mowing and snow removal. Manager Keaton stated since 2017, we have taken on more mowing of various areas, such as: Meadows of Brookville detention areas, Historical Society buildings and caboose, Terrace Park median strip, Fire Station 76, Market Street storm detention pond, the green space at 308-312 South Wolf Creek Street, and both sides of the bike path from Arlington to Brookville Rental. In recent years, due to the downturn in our income tax receipts and the defeat of levies, we cut back on overtime in the Service Department. Prior to cutting back on overtime, the employees frequently worked overtime to keep up with mowing. Manager Keaton stated if we implement refuse in-house, we will have ongoing maintenance costs on our 2015 trash truck. Brand new rear axle tires, of which we have eight and two front steer tires currently cost \$4,753.04. In looking back at our maintenance records, tires must be replaced every 12 to 18 months. New hydraulic hoses were recently installed on the 2015 truck at a cost of \$300. Manager Keaton advised Council has a list of items our former refuse employees are currently working on daily. The average age today of our former refuse employees is 47½. Manager Keaton reported she reached out to the Village of Lewisburg as they still pick up their refuse in-house. Lewisburg increased their refuse rates in February 2019 to \$20/month. They have one refuse truck for a population of 1,800. If their truck breaks down, they contact Rumpke for a truck and driver and use their two employees to pick up trash. There is an hourly fee for the Rumpke truck and driver.

Member Requarth stated the bottom line is that it will cost \$80,000 more to pick up refuse in-house versus using Rumpke.

Member Zimmerlin stated there may still be a potential savings by contracting out our mowing.

Member Requarth commented that the school looked into contracting out mowing and it was very expensive.

Manager Keaton stated we struggled this year to find a contractor to do our property maintenance mowing.

Member Zimmerlin inquired if the in-house figures include billing?

Finance Director Brandt replied it is included. The billing would not change if we brought refuse collection in-house.

Mayor Letner asked how much Rumpke would charge to pick-up just recycling?

Manager Keaton replied that is not in the bid, but she reached out to Rumpke, who advised they charge Urbana \$4.50 per unit per month to pick up recycling only. Manager Keaton advised we currently have 2,331 customers.

Member Crane observed selling the 2015 refuse truck represents savings for just one year.

Manager Keaton replied if we sell the refuse truck, our in-house maintenance costs and fuel costs for it will be gone.

Member Zimmerlin commented a lot of the increases are in the later years of the proposed contract. Member Zimmerlin asked if the increases in the Rumpke contract are higher than what our increases would be?

Finance Director Brandt replied everything in-house will increase such as wages, insurance costs, fuel costs and Workers Compensation. The Rumpke increase will not be more than the \$80,000 difference for us to go in-house because our costs will go up consistently as well.

Manager Keaton explained if we increased the refuse rate to \$20 per month per resident now, as recommended by Finance Director Brandt, we could keep it locked in for that five-year period.

Member Requarth stated we can justify going with the Rumpke contract and locking in the rate for five years.

Member Zimmerlin commented we just had to do our due diligence to get the cheapest option for our residents.

Manager Keaton advised we locked in for five years on our last contract and recommended we do the same with this contract.

Member Requarth inquired if Rumpke has a way out if we lock in the contract for five years?

Manager Keaton stated we would each have a way out, but Montgomery County has not increased their generation fees for a number of years. The diesel prices and labor could increase but Rumpke covered those in their quote.

Motion by Requarth, second by Fowler to accept the Alternate Bid submitted by Rumpke for curbside solid waste and recycling collection to begin on January 1, 2023 for five years, and to authorize increasing the refuse rate to \$20 per month per resident beginning January 1, 2023. All yeas, motion carried.

Finance Director Brandt had no report.

Fire Chief Fletcher reported the Fire Department has had an extraordinarily busy few weeks with a major fire, several fatalities along the interstate and fire in a business along Upper Lewisburg Salem Road that they were able to take down quickly.

Fire Chief Fletcher reported our Fire Inspectors have completed all of our school inspections and found no issues.

Fire Chief Fletcher reported he is still working with Dollar General to get them into compliance with the fire code. They are just above the minimum expectation to keep the doors open. Fire Chief Fletcher advised he will continue to work with them on a day-by-day basis.

Fire Chief Fletcher reported the City Manager has authorized him to dispose of surplus property. The majority of these items will not bring a great deal of money on GovDeals. Fire Chief Fletcher requested Council authorization to donate surplus gear and fire equipment to the fire departments that were negatively impacted by the flooding in Kentucky. The New Lebanon Fire Chief is heading an effort to collect and transport gear and equipment to those areas.

Member Zimmerlin commented this is the right thing to do as so many came to help us in our time of need.

The consensus was to authorize Fire Chief Fletcher to donate surplus gear and fire equipment to the fire departments that were negatively impacted by the flooding in Kentucky.

Mayor Letner commended the Fire Department for representing the City so well in these busy times.

Police Chief Jerome reported he met with Brookville School Superintendent Jason Wood today. The Police Department will be in full force tomorrow morning and the rest of the week with the start of the school year. The Police Department will be meeting with students to explain the importance of crosswalk safety as pedestrian traffic will likely increase with the new Safe Routes to School sidewalks. Police Chief Jerome advised there are similar crosswalks and flashing lights in other parts of the nation, such as beach towns, and it is not unique to our city. Education of students, parents and teachers are the key to making the new Safe Routes to School successful.

Police Chief Jerome reported the Brookville Soccer Association Parade went off without a hitch.

Police Chief Jerome introduced the new Police Chaplain Laird Baldwin, who is part of our new wellness program.

Pastor Baldwin stated he is the pastor of Bible Baptist Fellowship Church on Market Street. He is also a member of the Miami Valley Crime Prevention Association and a Certified Crime Prevention Specialist with the Ohio Crime Prevention Association. Pastor Baldwin advised he will serve as a civilian member of the Police Department, where it is his responsibility to help and support the Police Officers, watching after their spiritual and emotional welfare, as well as their personal and professional lives. Pastor Baldwin stated the importance of chaplaincy cannot be understated and it is a privilege to serve the Brookville Police Officers and the community.

Police Chief Jerome and Captain Morgan gave a presentation of the new body cam system. Some internet connectivity issues were experienced. Police Chief Jerome advised they will give another presentation at a future meeting. Police Chief Jerome reported the addition of body cams has been a real asset to the Police Department.

Mayor Letner recognized VFW Post #3288 for the donation that allowed us to purchase the body cams and software. This puts another tool in our tool bag that was greatly needed and will be beneficial down the road.

Law Director Stephan reported the employment agreement for City Manager Sonja Keaton has expired and requested that City Council approve a new employment agreement. The agreement will be for a period of three years and incorporates rates of pay as adopted by City Council in the pay resolutions for each year of the contract. The other terms of the employment agreement remain the same as the existing contract. Law Director Stephan requested that the motion be retroactively approved with an effective date of July 21, 2022.

Motion by Requarth, second by Zimmerlin to approve a new three-year employment agreement for City Manager Sonja Keaton, retroactively to July 21, 2022 as recommended by Law Director Stephan. All yeas, motion carried.

Mayor Letner thanked Angie Dull for being his citizen of the month, stating the Community Picnic was great this year, thanks to Angie and the Chamber of Commerce.

Mayor Letner stated the first day of school is this week and reminded everyone to drive carefully. Mayor Letner stated the new Superintendent Jason Wood has acquired a great school system in the City of Brookville.

Motion by Zimmerlin, second by Fowler to read proposed Resolution No. 22-19. All yeas, motion carried.

Motion by Fowler, second by Schreier to accept the third reading and adopt Resolution No. 22-19 entitled "A RESOLUTION AUTHORIZING THE CITY OF BROOKVILLE TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED." All yeas, motion carried.

Motion by Zimmerlin, second by Requarth to read proposed Resolution No. 22-20. All yeas, motion carried.

Motion by Wilder, second by Fowler to accept the third reading and adopt Resolution No. 22-20 entitled "A RESOLUTION AUTHORIZING THE CITY OF BROOKVILLE TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED." All yeas, motion carried.

Motion by Zimmerlin, second by Schreier to read proposed Resolution No. 22-26. All yeas, motion carried.

Motion by Requarth, second by Fowler to accept the first reading, dispense with the second and third reading and adopt Resolution No. 22-26 entitled "A RESOLUTION REAPPOINTING MS. KIMBERLY D. DUNCAN AS CLERK OF COUNCIL FOR THE CITY OF BROOKVILLE, OHIO, AND ESTABLISHING HER ANNUAL SALARY AND EMPLOYMENT BENEFITS, AND DECLARING IT AN EMERGENCY." All yeas, motion carried.

Member Fowler, Park Board Liaison, reported the Brookville Baseball Association will be doing some repair work on Fields 4 and 8 at Golden Gate Park. Opening Day was well attended for the Brookville Soccer Association. There will be a Wiffle Ball Tournament at Golden Gate Park on September 5, 2022.

Member Schreier, Planning Commission Liaison, had no report.

Cheri Simon, property owner of 12347 Wolf Creek Pike, stated her property is in Perry Township, across from the sewer plant, and she is here to get on the record. Ms. Simon stated she and neighboring residents have been approached by a developer with a concept development for the property. There is an easement that runs through the properties and the developer wants to discuss the easement rights. Ms. Simon stated the residents concerns are regarding drainage. They currently have major drainage issues with a 50-acre field that drains onto their properties. A development concept of 56 homes would add a considerable amount of stormwater drainage to their property and to Wolf Creek. Ms. Simon stated she has been in touch with Stephen Bridenbaugh at Montgomery County Soil and Water and Mark Stewart at the Montgomery County Engineer's Office. Ms. Simon stated she wants to make sure the City does not rubber stamp this

development concept and asked that any development is done with the proper storm drainage runoff. They have video proof of the current water runoff onto their properties. They realize that they cannot expect to never have the land around them developed. They just want to make sure it is done with care for the people that have lived there all of their lives. Ms. Simon stated again they want to get on record that there are major drainage issues. The developer wants to meet with all of the residents in the area regarding an easement that he needs them to sign off on. Another concern they have is that the property will be totally eradicated without trees and green space. Ms. Simon stated that Mr. Stewart from the Montgomery County Engineer's office advised her there could be a requirement for the Army Corps of Engineers to look at any drainage study due to the fact that Wolf Creek shows up on the USGS map.

Mayor Letner stated he appreciates Ms. Simon's concerns. This proposed development is in a very preliminary engineering stage at this point. If a site plan is developed, residents will be able to come and express their concerns.

Ms. Simon asked if Montgomery County would review these plans, or just the City of Brookville's engineering firm?

Law Director Stephan replied any subdivision plan would have a two-step review, first by our engineer and then by the Montgomery County Engineer, who signs off at the end of the process. If the stormwater management portion of it needs to be reviewed by the Army Corps of Engineers, then we would have them review that.

Member Zimmerlin inquired if any plans have been presented yet?

Law Director Stephan replied we have not received any plans. If and when we do, we can notify Ms. Simon and the other residents and bring them into the process.

Rodney Mullins, of 660 S. Wolf Creek Street, stated he lives beside the sewer plant, and he is the one who will get all of the water. He is already in the flood plain. The tornado took two houses and two cars from him.

Galen Woodhouse, of 12357 Wolf Creek Pike, stated the water starts in the field behind him. His property took a direct hit from the tornado three years ago and it wiped out four acres of trees. He has a deep concern about the proposed development as he just spent a significant amount of money to try to mitigate some of the water. He stated he has met with the developer, who wants him to sign off on an easement. Mr. Woodhouse asked if he has to sign off on the easement now? Can Council give him any advice?

Law Director Stephen replied there is an easement that runs through their properties, which is their access point. The proposed plan would create a street that goes to the existing properties to give them continued access. Law Director Stephan stated beyond that Mr. Woodhouse should seek legal counsel.

Jim Simon, of 12347 Wolf Creek Pike, asked if a zoning decision on city property affects neighboring township property, does that bring in the county?

Law Director Stephan replied in this situation, all of the entrances onto public streets would be within the city boundaries. This makes it a City Planning Commission decision, not a County Planning Commission decision. We would notify adjoining property owners if there is a proposed re-zoning. In this case there would not be any re-zoning as the proposed project is a permitted use. Law Director Stephan stated the City will notify the township residents when plans are submitted and of any related Planning Commission and City Council meetings.

Mayor Letner commented that clear cutting Wolf Creek mitigated a lot of problems we have had with flooding in the past.

Mr. Mullins stated when he built his house his property was not in a flood plain, but it is now.

Law Director Stephan advised our basic concept with our stormwater management is that we do not want to make any situation worse. We want to contain any water from any development. That is what our engineers will try to achieve. If you add in the fact that Wolf Creek is a tributary, that could lead to a review by the Army Corps of Engineers. Law Director Stephan stated if this project moves forward, the City will do everything we can to engineer this project properly.

Motion by Fowler, second by Wilder to adjourn. All yeas, motion carried.

Kimberly Duncan, Clerk

Charles Letner, Mayor

To: Mayor & Council
From: Sonja M. Keaton, City Manager
RE: Manager's Report
Date: 9/2/22

I am pleased to announce the Brookville Fire Department was awarded a FEMA Assistance to Firefighters Grant totaling \$180,761.90 for the replacement of our Self Contained Breathing Apparatus.

Bids were opened for the Westbrook and Albert Drainage Improvements Project on August 29. We received two responsive bids. Upon reviewing the bids, it is my recommendation that Council accept the lowest and responsive bid of \$44,375 from Associated Excavating, Inc.

The sludge press was moved inside the new building and placed on the concrete slab. Electric hookup to the press was completed today. City staff will run piping from the press to the digester. The entry doors were delivered and will be installed next week

Over the last two weeks the Service Department flail mowed the weeds behind the guardrail at the WWTP, trimmed brush in the alley off of Sycamore St., repainted stop bars at Blue Pride and Western Ave., sprayed BBC diamonds, retraced parking lot lines in BBC parking lot, installed a fire hydrant riser on Western and Westbrook Rd., removed a tree stump near Powell Park, flail mowed Mosier Parkway detention pond and ditch line, removed brush from BMX building area, rotated a fire hydrant on Johnsville Brookville to face the roadway, completed a punchout walkthrough on the Sludge Press Building project, repaired a catch basin on Beechwood Avenue at Brookside Drive, repaired the footbridge near the Pee Wee football field, installed a slide on the Pee Wee Football playset, seeded Gateway where several trees were removed this summer, and conducted 57 water shut-offs and resumes. Several employees attended the Montgomery County Soil and Water Ditch Maintenance Meeting.

City of Brookville

Memo

To: Mayor and Council

From: Michelle Brandt, Finance Director

Date: September 6, 2022

Subject: Finance Report

→ Requesting Council accept the August 31, 2022 Fund Balance. Overall for August, MTD Expenses exceeded Revenues by \$16,105.

- General Fund Beginning Balance is down \$338,709 compared to 2021
 - General Fund YTD Revenue is up \$443,480 compared to last August
 - Income Tax is up \$426,619
 - Motel Tax is up \$5,042
 - Local Government Funds are up \$6,445
 - Fire Protection Contract is down \$311
 - Interest on Investments is down \$2,005
 - General Fund YTD Expenses are up \$184,688 compared to last August
 - Payroll is up \$69,869
 - Transfers out are up \$74,144
 - Fuel is up \$26,591
- Street M&R Fund Beginning Balance is down \$39,758 compared to 2021
 - Street M&R Fund YTD Revenue is up \$355,991 compared to last August
 - Motor Vehicle, Gas and Highway Taxes combined are down \$4,879
 - OPWC Grant Funds is up \$94,728
 - OPWC Loan Funds is up \$284,186
 - Street M&R Fund YTD Expenses are up \$340,115 compared to last August
 - OPWC Funds is up \$378,915
 - Payroll is down \$14,659
 - Capital Improvement Equip is down \$37,697

- Park & Rec. Fund Beginning Balance is up \$11,841 compared to 2021
 - Park & Rec. Fund YTD Revenue is up \$22,591 compared to last August
 - Park Permits are up \$4,247
 - Donations are up \$17,182
 - League & Tourn Fees are down \$4,385
 - Grants are up \$5,000
 - Park & Rec. Fund YTD Expenses are up \$16,316 compared to last August
 - Capital Improvement is up \$12,099
 - Operating Supplies is up \$8,495
- Water Fund Beginning Balance is up \$210,436 compared to 2021
 - Water Fund YTD Revenues are up \$258,806 compared to last August
 - Water sales are up \$430
 - Water Tap Permits are up \$25,500
 - Issue 2 funds are up \$228,026
 - Water Fund YTD Expenses are up \$213,974 compared to last August
 - Capital Improvement is up \$85,277
 - Issue 2 Funds is up \$142,749
- Sewer Fund Beginning Balance is up \$85,310 compared to 2021
 - Sewer Fund YTD Revenue is down \$13,293 compared to last August
 - Sewer sales are down \$5,805
 - Sewer tap permits are up \$27,668
 - Sewer Fund YTD Expenses are up \$264,889 compared to last August
 - Capital Improvements are up \$283,297
 - Payroll is down \$10,197
- Stormwater Fund Beginning Balance is up \$10,854 compared to 2021
 - Stormwater Fund YTD Revenue is up \$212,436 compared to last August
 - Stormwater sales are up \$47,084
 - Issue 2 funds are up \$164,894
 - Stormwater Fund YTD Expenses are up \$155,283 compared to last August
 - Issue 2 funds are up \$164,894
- Refuse Fund Beginning Balance is up \$27,961 compared to 2021
 - Refuse Fund YTD Revenue is up \$4,670 compared to last August
 - Refuse sales are up \$3,766
 - Refuse Fund YTD Expenses are up \$12,053 compared to last August
 - Refuse & Recycling Charges are up \$12,831

City of Brookville

Statement of Cash Position with MTD Totals

From: 1/1/2022 to 8/31/2022

Funds: A01 to E10

Include Inactive Accounts: No

Page Break on Fund: No

Fund	Description	Beginning Balance	Net Revenue MTD	Net Revenue YTD	Net Expenses MTD	Net Expenses YTD	Unexpended Balance	Encumbrance YTD	Ending Balance
A01	GENERAL FUND	\$1,626,536.21	\$508,623.97	\$3,509,792.51	\$524,728.81	\$3,370,893.35	\$1,765,435.37	\$632,394.28	\$1,133,041.09
B01	STREET M. & R.	\$164,523.02	\$420,188.68	\$1,039,900.71	\$232,058.54	\$948,757.75	\$255,665.98	\$168,780.04	\$86,885.94
B04	PARK & RECREATION	\$65,019.89	\$12,970.86	\$187,780.81	\$37,153.22	\$154,328.99	\$98,471.71	\$21,284.35	\$77,187.36
B09	LAND REUTILIZATION	\$39,266.96	\$0.00	\$0.00	\$0.00	\$0.00	\$39,266.96	\$0.00	\$39,266.96
B11	LOCAL CORONAVIRUS RELIEF FUND	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B12	LOCAL FISCAL RECOVERY FUND	\$307,653.86	\$0.00	\$310,110.31	\$0.00	\$0.00	\$617,764.17	\$0.00	\$617,764.17
B13	LAW ENFORCEMENT	\$10,849.75	\$50.00	\$15,370.00	\$0.00	\$20,024.30	\$6,195.45	\$0.00	\$6,195.45
B14	OHIOONE OPIOID	\$0.00	\$0.00	\$1,872.37	\$0.00	\$0.00	\$1,872.37	\$0.00	\$1,872.37
B16	FEMA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C01	BOND RETIREMENT	\$5,293.28	\$0.00	\$368,000.00	\$0.00	\$113,800.00	\$259,493.28	\$258,800.00	\$693.28
C03	NOTE RETIRE-NORTHBROOK	\$17,929.36	\$0.00	\$74,255.00	\$596.30	\$4,270.34	\$87,914.02	\$86,969.66	\$944.36
D03	CAPITAL IMPROVEMENT	\$179,245.69	\$0.00	\$18,680.70	\$0.00	\$31,773.00	\$166,153.39	\$400,000.00	(\$233,846.61)
D04	FIRE CAPITAL IMPROVEMENT	\$184,697.10	\$5,243.58	\$121,348.25	\$9,972.32	\$69,378.68	\$236,666.67	\$37,141.65	\$199,525.02
E01	WATER	\$614,432.48	\$279,899.29	\$1,276,337.34	\$228,858.47	\$843,955.09	\$1,046,814.73	\$119,949.93	\$926,864.80
E02	SANITARY SEWER	\$815,346.32	\$90,376.63	\$528,559.50	\$103,686.79	\$758,896.45	\$585,009.37	\$260,082.28	\$324,927.09
E08	STORMWATER	\$31,835.27	\$152,107.76	\$259,138.93	\$126,392.21	\$192,670.53	\$98,303.67	\$29,662.04	\$68,641.63
E10	REFUSE	\$223,354.77	\$63,657.70	\$346,670.76	\$38,988.02	\$299,102.55	\$270,922.98	\$138,477.69	\$132,445.29
Grand Total:		\$4,285,983.96	\$1,533,118.47	\$8,057,817.19	\$1,302,434.68	\$6,807,851.03	\$5,535,950.12	\$2,153,541.92	\$3,382,408.20

City of Brookville

Check Report by Check Number

Bank: LCNB - LCNB - LCNB NATIONAL BANK

Payment Method: Checks, ACH, EFT

Vendors: A99000 to ZZ0600

Checks: All

Check Dates: 8/1/2022 to 8/31/2022

As Of Check Cashed Date: 1/1/1900 to 9/30/2022

Include Voids: No

Check Status: Cashed And Outstanding

Check Number	Check Date	Vendor Code	Vendor Name	Check Type	Check Status	Cashed Date	Void Amount	Amount
Bank: LCNB - LCNB - LCNB NATIONAL BANK								
0000060252	08/03/2022	PAYROL	MUNICIPALITY OF BROOKVILLE	Check	Cashed	08/04/2022	\$0.00	\$110,524.19
0000060253	08/03/2022	P99000	OHIO POLICE & FIRE PENSION FUND	Check	Cashed	08/09/2022	\$0.00	\$870.57
0000060254	08/03/2022	P99001	OPERS	Check	Cashed	08/08/2022	\$0.00	\$7,136.03
0000060255	08/03/2022	P99000	OHIO POLICE & FIRE PENSION FUND	Check	Cashed	08/09/2022	\$0.00	\$5,811.64
0000060256	08/03/2022	RR0228	RESERVE ACCOUNT	Check	Cashed	08/12/2022	\$0.00	\$200.00
0000060257	08/05/2022	AA0118	ADVANCED TECHNICAL AQUATIC CONT	Check	Cashed	08/25/2022	\$0.00	\$440.72
0000060258	08/05/2022	AA0703	ARCON BUILDERS LTD	Check	Cashed	08/26/2022	\$0.00	\$73,810.00
0000060259	08/05/2022	BB0500	BLUEPRINT CYBERENGINEERING	Check	Cashed	08/16/2022	\$0.00	\$4,124.65
0000060260	08/05/2022	BB0548	BOB SUMEREL TIRE COMPANY	Check	Cashed	08/17/2022	\$0.00	\$435.84
0000060261	08/05/2022	BB0565	BOONE'S POWER EQUIPMENT	Check	Cashed	08/15/2022	\$0.00	\$246.78
0000060262	08/05/2022	BB0627	BROOKVILLE RENTAL & SALES	Check	Cashed	08/16/2022	\$0.00	\$94.96
0000060263	08/05/2022	CC0296	CHANDLER, RON	Check	Cashed	08/09/2022	\$0.00	\$600.00
0000060264	08/05/2022	CC0297	CHASE ELECTRIC	Check	Cashed	08/11/2022	\$0.00	\$15,345.00
0000060265	08/05/2022	CC0340	CHOICE ONE ENGINEERING	Check	Cashed	08/16/2022	\$0.00	\$4,510.00
0000060266	08/05/2022	CC0525	CODE CREDIT UNION	Check	Cashed	08/11/2022	\$0.00	\$18,450.00
0000060267	08/05/2022	FF0378	FISHEL DOWNEY ALBRECHT & RIEPENH	Check	Cashed	08/17/2022	\$0.00	\$200.00
0000060268	08/05/2022	II0060	IGS ENERGY	Check	Cashed	08/16/2022	\$0.00	\$4,685.04
0000060269	08/05/2022	JJ0015	JACK DOHENY COMPANIES, INC	Check	Cashed	08/16/2022	\$0.00	\$73.29
0000060270	08/05/2022	JJ0014	JACKS AUTO WASH	Check	Cashed	08/15/2022	\$0.00	\$315.00
0000060271	08/05/2022	MM0100	MECHANICAL SYSTEMS OF DAYTON	Check	Cashed	08/16/2022	\$0.00	\$2,943.00
0000060272	08/05/2022	MM0606	MIAMI VALLEY LIGHTING, LLC	Check	Cashed	08/15/2022	\$0.00	\$6,549.04
0000060273	08/05/2022	MM0396	MIDWEST SECURITY SERVICES	Check	Cashed	08/18/2022	\$0.00	\$37.90
0000060274	08/05/2022	MM0025	MOBILE ANALYTICAL SERVICES INC	Check	Cashed	08/16/2022	\$0.00	\$199.20
0000060275	08/05/2022	MM0826	MUSIC, SHELLY	Check	Cashed	08/09/2022	\$0.00	\$1,200.00
0000060276	08/05/2022	PP0185	PELPHREY TODD	Check	Cashed	08/17/2022	\$0.00	\$120.00
0000060277	08/05/2022	RR0825	RUMPKE	Check	Cashed	08/18/2022	\$0.00	\$34,693.37
0000060278	08/05/2022	SS0066	SCARBERRY, SHAWN	Check	Cashed	08/16/2022	\$0.00	\$260.00
0000060279	08/05/2022	VV0187	VERIZON WIRELESS	Check	Cashed	08/17/2022	\$0.00	\$834.35
0000060280	08/05/2022	WW0395	WILSON SHANNON & SNOW INC	Check	Cashed	08/12/2022	\$0.00	\$4,200.00
0000060281	08/16/2022	Z99999	ANTHEM	Check	Cashed	08/23/2022	\$0.00	\$436.74
0000060282	08/16/2022	Z99999	DEPARTMENT OF VETERANS AFFAIRS	Check	Cashed	08/26/2022	\$0.00	\$1,047.18
0000060283	08/16/2022	Z99999	SUSAN GREELY	Check	Cashed	08/30/2022	\$0.00	\$250.00
0000060284	08/16/2022	Z99999	KELLI WILLIAMSON	Check	Cashed	08/23/2022	\$0.00	\$263.00
0000060285	08/16/2022	Z99999	ANTHEM	Check	Cashed	08/23/2022	\$0.00	\$264.86
0000060287	08/16/2022	Z99999	CARROLL WYSONG	Check	Cashed	08/25/2022	\$0.00	\$260.00

As Of Check Cashed Date: 1/1/1900 to 9/30/2022

Check Number	Check Date	Vendor Code	Vendor Name	Check Type	Check Status	Cashed Date	Void Amount	Amount
0000060288	08/16/2022	Z99999	ANTHEM	Check	Cashed	08/23/2022	\$0.00	\$152.28
0000060290	08/16/2022	Z99999	LARRY CUNNINGHAM	Check	Cashed	08/24/2022	\$0.00	\$841.90
0000060291	08/16/2022	Z99999	MEDIGOLD	Check	Cashed	08/26/2022	\$0.00	\$29.28
0000060292	08/16/2022	Z99999	LARRY CUNNINGHAM	Check	Cashed	08/24/2022	\$0.00	\$615.92
0000060293	08/17/2022	PAYROL	MUNICIPALITY OF BROOKVILLE	Check	Cashed	08/18/2022	\$0.00	\$155,405.42
0000060294	08/19/2022	AA0125	A.E. DAVID & CO.	Check	Cashed	08/26/2022	\$0.00	\$546.10
0000060295	08/19/2022	AA0545	AMAZON CAPITAL SERVICES	Check	Cashed	08/30/2022	\$0.00	\$2,636.96
0000060296	08/19/2022	AA0574	AMS SUPPLY	Check	Cashed	08/24/2022	\$0.00	\$89.50
0000060297	08/19/2022	FF0360	ATLANTIC EMERGENCY SOLUTIONS	Check	Cashed	08/26/2022	\$0.00	\$10,118.02
0000060298	08/19/2022	BB0035	BASIC	Check	Cashed	08/30/2022	\$0.00	\$600.00
0000060299	08/19/2022	BB0572	BOUND TREE MEDICAL LLC	Check	Cashed	08/25/2022	\$0.00	\$743.56
0000060300	08/19/2022	BB0602	BROOKVILLE ANIMAL HOSPITAL	Check	Cashed	08/31/2022	\$0.00	\$152.00
0000060301	08/19/2022	BB0603	BROOKVILLE AUTO PARTS	Check	Cashed	08/30/2022	\$0.00	\$477.27
0000060302	08/19/2022	BB0660	BSN SPORTS, INC	Check	Cashed	08/29/2022	\$0.00	\$3,029.00
0000060303	08/19/2022	CC0021	CARROT-TOP INDUSTRIES INC	Check	Cashed	08/30/2022	\$0.00	\$568.54
0000060304	08/19/2022	CC0022	CASH, RICHARD A	Check	Cashed	08/23/2022	\$0.00	\$650.00
0000060305	08/19/2022	CC0130	CDW GOVERNMENT	Check	Cashed	08/30/2022	\$0.00	\$158.00
0000060306	08/19/2022	TT0346	CHARTER COMMUNICATIONS	Check	Cashed	08/26/2022	\$0.00	\$1,155.45
0000060307	08/19/2022	CC0297	CHASE ELECTRIC	Check	Cashed	08/22/2022	\$0.00	\$799.57
0000060308	08/19/2022	VV0034	CITY OF VANDALIA	Check	Cashed	08/23/2022	\$0.00	\$12,351.68
0000060309	08/19/2022	CC0549	CONCENTRA HEALTH SERVICES, INC	Check	Cashed	08/25/2022	\$0.00	\$66.00
0000060310	08/19/2022	CC0558	CONSOLIDATED FLEET SERVICES	Check	Cashed	08/29/2022	\$0.00	\$1,134.75
0000060311	08/19/2022	CC0940	CUMMINS INC	Check	Cashed	08/25/2022	\$0.00	\$770.00
0000060312	08/19/2022	DD0078	DAUM & ASSOCIATES, JAMES M. DAUM	Check	Cashed	08/23/2022	\$0.00	\$400.00
0000060313	08/19/2022	EE0380	E. J. PRESCOTT INC	Check	Cashed	08/26/2022	\$0.00	\$3,769.76
0000060314	08/19/2022	FF0195	FELD FIRE	Check	Cashed	08/31/2022	\$0.00	\$762.47
0000060315	08/19/2022	FF0291	FIFTH THIRD BANK	Check	Cashed	08/24/2022	\$0.00	\$209.04
0000060316	08/19/2022	FF0371	FIREPENNY	Check	Cashed	08/25/2022	\$0.00	\$172.80
0000060317	08/19/2022	II0329	INDIANA OXYGEN	Check	Cashed	08/31/2022	\$0.00	\$354.01
0000060330	08/19/2022	Z99999	CAROL ELIFRITZ	Check	Cashed	08/26/2022	\$0.00	\$82.50
0000060331	08/19/2022	Z99999	NANCY FRY	Check	Cashed	08/26/2022	\$0.00	\$185.50
0000060332	08/19/2022	Z99999	OVALLE PINA & NUNEZ-ALEMAN IVAN	Check	Cashed	08/30/2022	\$0.00	\$165.15
0000060333	08/19/2022	MM0600	MONTGOMERY COUNTY SHERIFF'S OFFI	Check	Cashed	08/26/2022	\$0.00	\$90.00
0000060334	08/19/2022	MM0593	MONTGOMERY COUNTY SOLID WASTE	Check	Cashed	08/24/2022	\$0.00	\$191.25
0000060335	08/19/2022	MM0652	MOTOROLA SOLUTIONS INC	Check	Cashed	08/25/2022	\$0.00	\$8.11
0000060336	08/19/2022	HH0196	MR. CRAIG HEINTZ	Check	Cashed	08/25/2022	\$0.00	\$300.00
0000060337	08/19/2022	NN0200	NEW PIG CORPORATION	Check	Cashed	08/29/2022	\$0.00	\$314.95
0000060338	08/19/2022	OO0316	OHIO ASSOCIATION OF PUBLIC TREASU	Check	Outstanding		\$0.00	\$159.00
0000060339	08/19/2022	OO0329	OHIO DEPARTMENT OF AGRICULTURE	Check	Cashed	08/25/2022	\$0.00	\$70.00
0000060340	08/19/2022	OO0326	OHIO FIRE CHIEFS' ASSOCIATION	Check	Cashed	08/29/2022	\$0.00	\$125.00
0000060341	08/19/2022	PP0645	P&R COMMUNICATIONS	Check	Cashed	08/24/2022	\$0.00	\$737.21
0000060342	08/19/2022	PP0646	PREBLE COUNTY LANDFILL	Check	Cashed	08/23/2022	\$0.00	\$277.20
0000060343	08/19/2022	SS0022	SAFEGUARD BUSINESS SYSTEMS	Check	Cashed	08/24/2022	\$0.00	\$783.71
0000060344	08/19/2022	SS0110	SCOTTISSUE - A FLEXPAC COMPANY	Check	Cashed	08/26/2022	\$0.00	\$439.09
0000060345	08/19/2022	SS0370	SLADE DIANA	Check	Outstanding		\$0.00	\$400.00
0000060346	08/19/2022	SS0650	SMARTBILL, LTD.	Check	Cashed	08/23/2022	\$0.00	\$1,379.69

As Of Check Cashed Date: 1/1/1900 to 9/30/2022

Check Number	Check Date	Vendor Code	Vendor Name	Check Type	Check Status	Cashed Date	Void Amount	Amount
0000060347	08/19/2022	TT0315	THE FLAG LADY'S FLAG STORE	Check	Cashed	08/24/2022	\$0.00	\$878.60
0000060348	08/19/2022	SS0076	THOMAS SCHIFF	Check	Outstanding		\$0.00	\$1,000.00
0000060349	08/19/2022	TT0347	TIME WARNER CABLE	Check	Cashed	08/31/2022	\$0.00	\$1,079.41
0000060350	08/19/2022	TT0772	TREASURER, STATE OF OHIO	Check	Cashed	08/24/2022	\$0.00	\$950.00
0000060351	08/19/2022	TT0763	TREASURER, STATE OF OHIO	Check	Cashed	08/23/2022	\$0.00	\$287.00
0000060352	08/19/2022	VV0025	VALLEY ASPHALT CORP.	Check	Cashed	08/25/2022	\$0.00	\$797.16
0000060353	08/19/2022	VV0186	VERIZON CONNECT	Check	Cashed	08/26/2022	\$0.00	\$112.20
0000060354	08/19/2022	VW0012	WAGONER POWER EQUIPMENT	Check	Cashed	08/26/2022	\$0.00	\$8.99
0000060355	08/26/2022	AA0642	ANTHEM LIFE	Check	Cashed	08/31/2022	\$0.00	\$436.05
0000060356	08/26/2022	BB0031	BARCO PRODUCTS COMPANY	Check	Outstanding		\$0.00	\$1,598.16
0000060357	08/26/2022	BB0105	BEAU TOWNSEND FORD INC.	Check	Outstanding		\$0.00	\$249.17
0000060358	08/26/2022	SS0848	MEDICAL MUTUAL	Check	Cashed	08/31/2022	\$0.00	\$1,291.38
0000060359	08/31/2022	PAYROL	MUNICIPALITY OF BROOKVILLE	Check	Outstanding		\$0.00	\$114,231.25
0000060360	08/31/2022	P99000	OHIO POLICE & FIRE PENSION FUND	Check	Outstanding		\$0.00	\$3,205.65
0000060361	08/31/2022	P99000	OHIO POLICE & FIRE PENSION FUND	Check	Outstanding		\$0.00	\$12,018.67
0000060362	08/31/2022	P99001	OPERS	Check	Outstanding		\$0.00	\$14,660.61
0201800572	08/04/2022	LL0440	LOWES BUSINESS ACCT/SYNCB	EFT	Cashed	08/31/2022	\$0.00	\$916.67
0201800573	08/04/2022	AA0116	ADVANCE AUTO PARTS	EFT	Cashed	08/31/2022	\$0.00	\$35.12
0201800574	08/04/2022	FF0290	FIFTH THIRD BANK	EFT	Cashed	08/31/2022	\$0.00	\$16,114.00
0201800575	08/04/2022	VV0390	CODE CREDIT UNION	EFT	Cashed	08/31/2022	\$0.00	\$4,159.42
0201800576	08/23/2022	FF0698	FRONTIER	EFT	Cashed	08/31/2022	\$0.00	\$199.82
0201800577	08/23/2022	AA0116	ADVANCE AUTO PARTS	EFT	Cashed	08/31/2022	\$0.00	\$15.86
0201800578	08/23/2022	DD0155	AES	EFT	Cashed	08/31/2022	\$0.00	\$3,834.40
0201800579	08/23/2022	FF0290	FIFTH THIRD BANK	EFT	Cashed	08/31/2022	\$0.00	\$98,996.60
0201800580	08/23/2022	II0348	INVOICE CLOUD	EFT	Cashed	08/31/2022	\$0.00	\$307.20
0201800581	08/23/2022	LL0035	LCNB NATIONAL BANK	EFT	Cashed	08/31/2022	\$0.00	\$195.11
0201800582	08/23/2022	GG0740	GREEN VELVET SOD FARMS	EFT	Cashed	08/31/2022	\$0.00	\$388.02
0201800583	08/23/2022	PP0012	PACE ANALYTICAL SERVICES INC	EFT	Cashed	08/31/2022	\$0.00	\$2,046.71
0201800584	08/23/2022	MM0554	US BANK EQUIPMENT FINANCE	EFT	Cashed	08/31/2022	\$0.00	\$1,301.95
0201800585	08/23/2022	TT0664	TRACTOR SUPPLY CREDIT PLAN	EFT	Cashed	08/31/2022	\$0.00	\$207.10
0201800586	08/23/2022	SS0745	SUPERFLEET MASTERCARD PROGRAM	EFT	Cashed	08/31/2022	\$0.00	\$11,470.93
0201800587	08/23/2022	VV0180	CENTERPOINT ENERGY	EFT	Cashed	08/31/2022	\$0.00	\$711.32
0201800588	08/23/2022	VV0390	CODE CREDIT UNION	EFT	Cashed	08/31/2022	\$0.00	\$633.31
0201800589	08/23/2022	VW0560	WOLF CREEK COMPANY, INC	EFT	Cashed	08/31/2022	\$0.00	\$1,282.74
0201800590	08/23/2022	RR0215	REIMBURSEMENTS	EFT	Cashed	08/31/2022	\$0.00	\$3,844.85
0201800591	08/23/2022	UU0749	U.S. BANK	EFT	Cashed	08/31/2022	\$0.00	\$596.30
0201800592	08/23/2022	BB0642	BRUMBAUGH CONSTRUCTION INC	EFT	Cashed	08/31/2022	\$0.00	\$404,451.96
0201800593	08/23/2022	LL0440	LOWES BUSINESS ACCT/SYNCB	EFT	Cashed	08/31/2022	\$0.00	\$558.18
0201800594	08/31/2022	SS0745	SUPERFLEET MASTERCARD PROGRAM	EFT	Cashed	08/31/2022	\$0.00	\$10,148.01
0201800595	08/31/2022	GG0740	GREEN VELVET SOD FARMS	EFT	Cashed	08/31/2022	\$0.00	\$292.91
0201800596	08/31/2022	VV0390	CODE CREDIT UNION	EFT	Cashed	08/31/2022	\$0.00	\$192.07
0201800597	08/31/2022	Z99999	AUTOBOOKS	EFT	Cashed	08/31/2022	\$0.00	\$10.73
LCNB - LCNB - LCNB NATIONAL BANK Total:							\$0.00	\$1,221,615.58
Grand Total:							\$0.00	\$1,221,615.58

City of Brookville

Encumbrance Report by Account

Accounts: A01-01A1-2110 to E10-05F2-2530

As Of: 9/30/2022

Purchase Order Status: Open

Include Inactive Accounts: No

Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
Fund: A01		GENERAL FUND								
POLICE DEPARTMENT										
A01-01A1-2122	2022	2022000540-001	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$2,799.49	\$4,000.00	\$1,200.51	
A01-01A1-2122	2022	2022000588-001	07/25/2022	HSA FUNDS	Open	08/04/2022	\$3,000.00	\$9,750.00	\$6,750.00	
A01-01A1-2122	2022	2022000594-001	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$90,100.00	\$12,379.71	
A01-01A1-2122	2022	2022000595-001	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$860.00	\$1,200.00	\$340.00	
A01-01A1-2124	2022	2022000119-001	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$20,249.52	\$33,000.00	\$12,750.48	
A01-01A1-2140	2022	2022000249-001	03/15/2022	BALLISTIC VEST & OUTE	Open	03/15/2022	\$914.15	\$914.15	\$0.00	
A01-01A1-2310	2022	2022000010-001	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$1,179.47	\$2,570.00	\$1,390.53	
A01-01A1-2310	2022	2022000012-001	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$1,692.27	\$3,100.00	\$1,407.73	
A01-01A1-2310	2022	2022000027-001	01/05/2022	301 SYCAMORE	Open	08/23/2022	\$330.19	\$900.00	\$569.81	
A01-01A1-2320	2022	2022000031-001	01/06/2022	CELL/DATA SERVICE	Open	08/04/2022	\$1,748.89	\$4,000.00	\$2,251.11	
A01-01A1-2323	2022	2022000011-001	01/05/2022	DISPATCHING SERVICE	Open	07/18/2022	\$30,100.30	\$70,000.00	\$39,899.70	
A01-01A1-2325	2022	2022000280-001	03/25/2022	RADIO USER FEES	Open	07/12/2022	\$5,400.00	\$6,000.00	\$600.00	
A01-01A1-2330	2022	2022000015-001	01/05/2022	COPIER LEASE	Open	08/23/2022	\$2,024.16	\$5,500.00	\$3,475.84	
A01-01A1-2340	2022	2022000005-001	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$1,101.65	\$2,500.00	\$1,398.35	
A01-01A1-2340	2022	2022000006-001	01/05/2022	OFFICE 365	Open	08/04/2022	\$692.18	\$2,100.00	\$1,407.82	
A01-01A1-2340	2022	2022000018-001	01/05/2022	JANITORIAL SERVICES	Open	08/04/2022	\$3,600.00	\$8,640.00	\$5,040.00	
A01-01A1-2348	2022	2022000021-001	01/05/2022	PROSECUTOR SERVICE	Open	08/19/2022	\$4,000.00	\$12,000.00	\$8,000.00	
A01-01A1-2349	2022	2022000404-001	05/12/2022	LABOR NEGOTIATIONS	Open	07/20/2022	\$3,450.00	\$5,500.00	\$2,050.00	
A01-01A1-2351	2022	2022000032-001	01/06/2022	IT SERVICES	Open	08/04/2022	\$2,640.00	\$7,920.00	\$5,280.00	
A01-01A1-2351	2022	2022000464-001	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$369.33	\$184.67	
A01-01A1-2390	2022	2022000013-001	01/05/2022	CAR WASHES	Open	08/04/2022	\$1,120.00	\$3,360.00	\$2,240.00	
A01-01A1-2420	2022	2022000159-001	02/10/2022	SIREN SPEAKER/GRILLE	Open	02/10/2022	\$1,670.00	\$1,670.00	\$0.00	
A01-01A1-2420	2022	2022000422-001	05/26/2022	GUNS WITH NIGHT SIGH	Open	05/26/2022	\$5,040.00	\$5,040.00	\$0.00	
A01-01A1-2420	2022	2022000468-002	06/10/2022	CAMERA DOCK	Open	06/23/2022	\$826.00	\$1,315.70	\$489.70	
A01-01A1-2421	2022	2022000023-001	01/05/2022	FUEL	Open	08/31/2022	\$12,475.24	\$38,000.00	\$25,524.76	
A01-01A1-2520	2022	2022000082-001	01/19/2022	2022 POLICE EXPLORER	Open	01/19/2022	\$33,797.73	\$33,797.73	\$0.00	
A01-01A1-2520	2022	2022000159-002	02/10/2022	SIREN SPEAKER/GRILLE	Open	02/10/2022	\$10,000.00	\$10,000.00	\$0.00	

Encumbrance Report by Account

As Of: 9/30/2022

Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
POLICE DEPARTMENT Totals:							\$150,711.24	\$363,246.91	\$134,630.72	
FIRE DEPARTMENT										
A01-01B1-2122	2022	2022000540-002	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$353.98	\$450.00	\$96.02	
A01-01B1-2122	2022	2022000588-002	07/25/2022	HSA FUNDS	Open	08/04/2022	\$400.00	\$1,300.00	\$900.00	
A01-01B1-2122	2022	2022000594-002	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$7,500.00	\$1,043.17	
A01-01B1-2122	2022	2022000595-002	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$68.00	\$102.00	\$34.00	
A01-01B1-2124	2022	2022000119-002	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$12,092.46	\$22,000.00	\$9,907.54	
A01-01B1-2310	2022	2022000010-002	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$10,506.27	\$14,970.00	\$4,463.73	
A01-01B1-2310	2022	2022000012-002	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$6,589.74	\$12,000.00	\$5,410.26	
A01-01B1-2310	2022	2022000027-004	01/05/2022	775 E UPR-LEWISBURG	Open	08/23/2022	\$3,428.13	\$12,000.00	\$8,571.87	
A01-01B1-2320	2022	2022000031-002	01/06/2022	DATA SERVICE	Open	08/04/2022	\$1,732.96	\$4,300.00	\$2,567.04	
A01-01B1-2323	2022	2022000011-002	01/05/2022	DISPATCHING SERVICE	Open	07/18/2022	\$19,905.29	\$45,000.00	\$25,094.71	
A01-01B1-2325	2022	2022000280-002	03/25/2022	RADIO USER FEES	Open	03/25/2022	\$14,000.00	\$14,000.00	\$0.00	
A01-01B1-2330	2022	2022000015-002	01/05/2022	COPIER LEASE	Open	08/23/2022	\$1,377.68	\$3,750.00	\$2,372.32	
A01-01B1-2340	2022	2022000005-002	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$1,478.39	\$4,800.00	\$3,321.61	
A01-01B1-2340	2022	2022000006-002	01/05/2022	OFFICE 365	Open	08/04/2022	\$821.94	\$2,900.00	\$2,078.06	
A01-01B1-2340	2022	2022000022-001	01/05/2022	24/7 MONITORING	Open	08/04/2022	\$171.80	\$475.00	\$303.20	
A01-01B1-2340	2022	2022000668-001	08/22/2022	SUCCESSFUL GRANT A	Open	08/22/2022	\$9,038.10	\$9,038.10	\$0.00	
A01-01B1-2347	2022	2022000008-001	01/05/2022	EMS BILLING SERVICES	Open	06/09/2022	\$17,643.40	\$29,000.00	\$11,356.60	
A01-01B1-2350	2022	2022000080-001	01/19/2022	HOSE COVERS	Open	02/24/2022	\$271.60	\$1,000.00	\$728.40	
A01-01B1-2351	2022	2022000032-002	01/06/2022	IT SERVICES	Open	08/04/2022	\$2,640.00	\$7,920.00	\$5,280.00	
A01-01B1-2351	2022	2022000464-008	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$591.00	\$295.50	
A01-01B1-2351	2022	2022000685-001	08/29/2022	PREVENTIVE MAINTENA	Open	08/29/2022	\$1,686.75	\$1,686.75	\$0.00	
A01-01B1-2355	2022	2022000622-001	08/16/2022	ANNUAL MAINTENANCE	Open	08/16/2022	\$5,397.93	\$5,397.93	\$0.00	
A01-01B1-2390	2022	2022000013-002	01/05/2022	CAR WASHES	Open	08/04/2022	\$140.00	\$420.00	\$280.00	
A01-01B1-2391	2022	2022000684-002	08/29/2022	FIREFIGHTER II CLASS N	Open	08/29/2022	\$1,170.00	\$1,170.00	\$0.00	
A01-01B1-2420	2022	2022000361-001	04/26/2022	MATERIALS FOR TENSIO	Open	04/26/2022	\$524.00	\$524.00	\$0.00	
A01-01B1-2421	2022	2022000023-002	01/05/2022	FUEL	Open	08/31/2022	\$14,691.30	\$40,000.00	\$25,308.70	
FIRE DEPARTMENT Totals:							\$126,129.72	\$242,294.78	\$109,412.73	
GOVN. & ADMIN. DEPT										
A01-07A2-2122	2022	2022000540-003	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$904.38	\$1,200.00	\$295.62	
A01-07A2-2122	2022	2022000588-003	07/25/2022	HSA FUNDS	Open	08/04/2022	\$1,000.00	\$3,250.00	\$2,250.00	
A01-07A2-2122	2022	2022000594-003	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$15,000.00	\$2,336.20	
A01-07A2-2122	2022	2022000595-003	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$275.22	\$396.00	\$120.78	
A01-07A2-2124	2022	2022000119-003	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$5,695.77	\$10,000.00	\$4,304.23	
A01-07A2-2310	2022	2022000010-003	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$2,616.62	\$6,000.00	\$3,383.38	

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Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
A01-07A2-2310	2022	2022000012-003	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$2,821.29	\$6,750.00	\$3,928.71	
A01-07A2-2310	2022	2022000027-002	01/05/2022	301 SYCAMORE	Open	08/23/2022	\$330.24	\$900.00	\$569.76	
A01-07A2-2310	2022	2022000027-003	01/05/2022	245 SYCAMORE	Open	08/23/2022	\$368.35	\$1,350.00	\$981.65	
A01-07A2-2310	2022	2022000027-006	01/05/2022	401 ALBERT	Open	08/23/2022	\$520.21	\$1,200.00	\$679.79	
A01-07A2-2320	2022	2022000031-003	01/06/2022	CELL/IPAD SERVICE	Open	08/04/2022	\$586.58	\$1,800.00	\$1,213.42	
A01-07A2-2330	2022	2022000015-003	01/05/2022	COPIER LEASE	Open	08/23/2022	\$2,024.16	\$5,500.00	\$3,475.84	
A01-07A2-2330	2022	2022000020-001	01/05/2022	POSTAGE MACHINE LEA	Open	07/01/2022	\$846.56	\$1,400.00	\$553.44	
A01-07A2-2340	2020	2020000173-001	03/03/2020	2019 ASSET REPORTING	Open	03/03/2020	\$1,900.00	\$1,900.00	\$0.00	
A01-07A2-2340	2022	2022000005-003	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$662.90	\$1,800.00	\$1,137.10	
A01-07A2-2340	2022	2022000006-003	01/05/2022	OFFICE 365	Open	08/04/2022	\$399.74	\$1,500.00	\$1,100.26	
A01-07A2-2340	2022	2022000018-002	01/05/2022	JANITORIAL SERVICES	Open	08/04/2022	\$2,400.00	\$5,760.00	\$3,360.00	
A01-07A2-2340	2022	2022000405-001	05/12/2022	AIF FY2021 FEE	Open	05/12/2022	\$2,500.00	\$2,500.00	\$0.00	
A01-07A2-2342	2022	2022000026-001	01/05/2022	INCOME TAX ADMINISTR	Open	08/19/2022	\$39,192.47	\$138,000.00	\$98,807.53	
A01-07A2-2344	2022	2022000010-009	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$1,067.23	\$1,900.00	\$832.77	
A01-07A2-2344	2022	2022000012-009	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$251.01	\$600.00	\$348.99	
A01-07A2-2344	2022	2022000017-001	01/05/2022	STREET LIGHTING	Open	08/04/2022	\$22,438.99	\$74,500.00	\$52,061.01	
A01-07A2-2346	2022	2022000116-001	02/07/2022	UPDATE OF CONSTRUC	Open	08/04/2022	\$2,115.00	\$2,400.00	\$285.00	
A01-07A2-2346	2022	2022000617-001	08/04/2022	ENGINEERING SERVICE	Open	08/04/2022	\$1,782.50	\$1,782.50	\$0.00	
A01-07A2-2351	2022	2022000032-003	01/06/2022	IT SERVICES	Open	08/04/2022	\$2,640.00	\$7,920.00	\$5,280.00	
A01-07A2-2351	2022	2022000464-002	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$184.67	\$92.33	
A01-07A2-2351	2022	2022000464-003	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$129.00	\$64.50	
A01-07A2-2352	2022	2022000002-003	01/05/2022	ARLINGTON/UPPER LEW	Open	08/04/2022	\$341.41	\$1,195.00	\$853.59	
A01-07A2-2394	2022	2022000121-001	02/10/2022	LAND PRICE INCENTIVE-	Open	02/10/2022	\$20,000.00	\$20,000.00	\$0.00	
A01-07A2-2394	2022	2022000122-001	02/10/2022	PROJECT NORA INCENTI	Open	03/14/2022	\$125,000.00	\$125,000.00	\$0.00	
A01-07A2-2395	2022	2022000007-001	01/05/2022	INCOME TAX REVENUE	Open	06/23/2022	\$15,271.32	\$20,000.00	\$4,728.68	
A01-07A2-2420	2021	2021000886-001	12/01/2021	GIS LICENSE - ROD	Open	12/01/2021	\$684.00	\$684.00	\$0.00	
A01-07A2-2420	2022	2022000680-001	08/26/2022	FIREWALL MX68	Open	08/26/2022	\$891.94	\$891.94	\$0.00	
A01-07A2-2421	2022	2022000023-003	01/05/2022	FUEL	Open	08/31/2022	\$547.51	\$1,300.00	\$752.49	
GOVN. & ADMIN. DEPT Totals:							\$258,075.40	\$464,693.11	\$193,797.07	
Fund: A01 Total							\$534,916.36	\$1,070,234.80	\$437,840.52	

Fund: B01

STREET M. & R.

GARAGE

B01-06B2-2122	2022	2022000540-004	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$305.97	\$450.00	\$144.03	
B01-06B2-2122	2022	2022000588-004	07/25/2022	HSA FUNDS	Open	08/04/2022	\$400.00	\$1,300.00	\$900.00	
B01-06B2-2122	2022	2022000594-004	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$8,400.00	\$801.11	

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Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
B01-06B2-2122	2022	2022000595-004	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$68.00	\$102.00	\$34.00	
B01-06B2-2124	2022	2022000119-004	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$1,095.35	\$2,000.00	\$904.65	
B01-06B2-2310	2022	2022000010-004	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$600.23	\$2,040.00	\$1,439.77	
B01-06B2-2310	2022	2022000012-004	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$540.90	\$2,000.00	\$1,459.10	
B01-06B2-2420	2022	2022000648-001	08/19/2022	CISCO SWITCH	Open	08/19/2022	\$1,530.62	\$1,530.62	\$0.00	
B01-06B2-2420	2022	2022000690-002	08/31/2022	SHOP TOWEL/SAFEWAS	Open	08/31/2022	\$294.14	\$294.14	\$0.00	
GARAGE Totals:							\$4,835.21	\$18,116.76	\$5,682.66	
STREET DEPARTMENT										
B01-06B3-2122	2022	2022000540-005	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$1,070.12	\$1,500.00	\$429.88	
B01-06B3-2122	2022	2022000588-005	07/25/2022	HSA FUNDS	Open	08/04/2022	\$1,464.00	\$4,758.00	\$3,294.00	
B01-06B3-2122	2022	2022000594-005	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$32,000.00	\$4,447.08	
B01-06B3-2122	2022	2022000595-005	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$356.56	\$500.00	\$143.44	
B01-06B3-2124	2022	2022000119-005	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$2,652.67	\$7,000.00	\$4,347.33	
B01-06B3-2310	2022	2022000010-005	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$1,381.01	\$2,700.00	\$1,318.99	
B01-06B3-2310	2022	2022000012-005	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$1,074.40	\$1,250.00	\$175.60	
B01-06B3-2320	2022	2022000031-004	01/06/2022	IPAD SERVICE	Open	08/04/2022	\$114.52	\$275.00	\$160.48	
B01-06B3-2340	2022	2022000005-004	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$62.01	\$220.00	\$157.99	
B01-06B3-2340	2022	2022000006-004	01/05/2022	OFFICE 365	Open	08/04/2022	\$191.37	\$400.00	\$208.63	
B01-06B3-2346	2022	2022000116-002	02/07/2022	UPDATE OF CONSTRUC	Open	08/04/2022	\$2,115.00	\$2,400.00	\$285.00	
B01-06B3-2346	2022	2022000337-001	04/13/2022	MARKET - STP RESURFA	Open	08/04/2022	\$2,949.76	\$12,900.00	\$9,950.24	
B01-06B3-2346	2022	2022000337-002	04/13/2022	WOLF CREEK-STP RESU	Open	08/04/2022	\$20,312.74	\$32,750.00	\$12,437.26	
B01-06B3-2346	2022	2022000617-002	08/04/2022	ENGINEERING SERVICE	Open	08/04/2022	\$1,240.00	\$1,240.00	\$0.00	
B01-06B3-2350	2022	2022000089-001	01/21/2022	REPAIR OF SERVICE TR	Open	01/21/2022	\$500.00	\$500.00	\$0.00	
B01-06B3-2351	2022	2022000032-004	01/06/2022	IT SERVICES	Open	08/04/2022	\$660.00	\$1,980.00	\$1,320.00	
B01-06B3-2352	2022	2022000002-002	01/05/2022	CARR/SAKURA RETENTI	Open	08/04/2022	\$227.15	\$795.00	\$567.85	
B01-06B3-2352	2022	2022000464-005	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$93.00	\$46.50	
B01-06B3-2420	2022	2022000690-003	08/31/2022	ALL PURPOSE WIPER	Open	08/31/2022	\$20.82	\$20.82	\$0.00	
B01-06B3-2421	2022	2022000023-004	01/05/2022	FUEL	Open	08/31/2022	\$3,404.08	\$17,000.00	\$13,595.92	
B01-06B3-2550	2022	2022000120-001	02/09/2022	HAY AVE ROADWAY IMP	Open	06/30/2022	\$32,125.57	\$32,125.57	\$0.00	
B01-06B3-2610	2022	2022000029-001	01/06/2022	MARKET STREET EXTEN	Open	05/10/2022	\$35,364.27	\$70,206.46	\$34,842.19	
B01-06B3-2620	2022	2022000029-002	01/06/2022	MARKET STREET EXTEN	Open	05/10/2022	\$21,460.47	\$43,443.90	\$21,983.43	
STREET DEPARTMENT Totals:							\$128,746.52	\$266,057.75	\$109,711.81	
Fund: B01 Total							\$133,581.73	\$284,174.51	\$115,394.47	

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Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
Fund: B04		PARK & RECREATION								
PARK DEPARTMENT										
B04-03B4-2122	2022	2022000540-006	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$409.34	\$500.00	\$90.66	
B04-03B4-2122	2022	2022000588-006	07/25/2022	HSA FUNDS	Open	08/04/2022	\$290.00	\$942.50	\$652.50	
B04-03B4-2122	2022	2022000594-006	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$6,615.00	\$865.94	
B04-03B4-2122	2022	2022000595-006	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$88.62	\$120.00	\$31.38	
B04-03B4-2124	2022	2022000119-006	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$957.73	\$2,000.00	\$1,042.27	
B04-03B4-2310	2022	2022000010-006	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$1,718.38	\$4,070.00	\$2,351.62	
B04-03B4-2310	2022	2022000012-006	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$1,464.13	\$3,000.00	\$1,535.87	
B04-03B4-2310	2022	2022000027-007	01/05/2022	545 E UPR-LEWISBURG	Open	08/23/2022	\$464.09	\$1,600.00	\$1,135.91	
B04-03B4-2320	2022	2022000031-005	01/06/2022	IPAD SERVICE	Open	08/04/2022	\$114.52	\$275.00	\$160.48	
B04-03B4-2340	2022	2022000005-005	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$62.03	\$220.00	\$157.97	
B04-03B4-2340	2022	2022000006-005	01/05/2022	OFFICE 365	Open	08/04/2022	\$191.39	\$400.00	\$208.61	
B04-03B4-2340	2022	2022000438-001	06/08/2022	PARK CARETAKER	Open	08/19/2022	\$800.00	\$1,296.78	\$496.78	
B04-03B4-2351	2022	2022000032-005	01/06/2022	IT SERVICES	Open	08/04/2022	\$660.00	\$1,980.00	\$1,320.00	
B04-03B4-2351	2022	2022000464-006	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$646.00	\$323.00	
B04-03B4-2352	2022	2022000002-001	01/05/2022	GOLDEN GATE PARK PO	Open	08/04/2022	\$312.85	\$1,095.00	\$782.15	
B04-03B4-2420	2022	2022000624-001	08/16/2022	ADA DRINKING FOUNTAI	Open	08/16/2022	\$4,030.00	\$4,030.00	\$0.00	
B04-03B4-2420	2022	2022000681-001	08/26/2022	MEMORIAL BENCH - JAC	Open	08/26/2022	\$1,645.32	\$1,645.32	\$0.00	
B04-03B4-2420	2022	2022000681-002	08/26/2022	MEMORIAL PLAQUE- SA	Open	08/26/2022	\$239.41	\$239.41	\$0.00	
B04-03B4-2421	2022	2022000023-005	01/05/2022	FUEL	Open	08/31/2022	\$362.70	\$1,000.00	\$637.30	
PARK DEPARTMENT Totals:							\$13,810.51	\$31,675.01	\$11,792.44	
BALL DIAMONDS										
B04-03B5-2310	2022	2022000010-010	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$284.69	\$600.00	\$315.31	
B04-03B5-2310	2022	2022000012-010	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$292.09	\$450.00	\$157.91	
B04-03B5-2340	2022	2022000009-001	01/05/2022	2021 BALL DIAMOND MA	Open	07/06/2022	\$825.00	\$3,400.00	\$2,575.00	
BALL DIAMONDS Totals:							\$1,401.78	\$4,450.00	\$3,048.22	
Fund: B04 Total							\$15,212.29	\$36,125.01	\$14,840.66	
Fund: B09		LAND REUTILIZATION								
LAND REUTILIZATION										
LAND REUTILIZATION Totals:							\$0.00	\$0.00	\$0.00	
Fund: B09 Total							\$0.00	\$0.00	\$0.00	

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Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
Fund: B11 LOCAL CORONAVIRUS RELIEF FUND										
DEPARTMENT: 06A2										
DEPARTMENT: 06A2 Totals:							\$0.00	\$0.00	\$0.00	
Fund: B11 Total							\$0.00	\$0.00	\$0.00	
Fund: B13 LAW ENFORCEMENT										
LAW ENFORCEMENT										
LAW ENFORCEMENT Totals:							\$0.00	\$0.00	\$0.00	
MISC-DON-RENT-INTEREST										
OBJECT: 1850										
OBJECT: 1850 Totals:							\$0.00	\$0.00	\$0.00	
MISC-DON-RENT-INTEREST Totals:							\$0.00	\$0.00	\$0.00	
Fund: B13 Total							\$0.00	\$0.00	\$0.00	
Fund: B16 FEMA										
FEMA MITIGATION #4360										
FEMA MITIGATION #4360 Totals:							\$0.00	\$0.00	\$0.00	
Fund: B16 Total							\$0.00	\$0.00	\$0.00	
Fund: C01 BOND RETIREMENT										
DEBT SERVICE										
C01-08A1-2610	2022	2022000033-001	01/06/2022	SERIES 2016 FIRE STATI	Open	01/06/2022	\$145,000.00	\$145,000.00	\$0.00	
C01-08A1-2620	2022	2022000033-002	01/06/2022	SERIES 2016 FIRE STATI	Open	05/10/2022	\$113,800.00	\$227,600.00	\$113,800.00	
DEBT SERVICE Totals:							\$258,800.00	\$372,600.00	\$113,800.00	
Fund: C01 Total							\$258,800.00	\$372,600.00	\$113,800.00	
Fund: C03 NOTE RETIRE-NORTHBROOK										
DEBT SERVICE										
C03-08A1-2610	2022	2022000034-001	01/06/2022	NORTHBROOK NOTE	Open	01/06/2022	\$77,000.00	\$77,000.00	\$0.00	
C03-08A1-2620	2022	2022000034-002	01/06/2022	NORTHBROOK NOTE	Open	08/23/2022	\$9,969.66	\$14,240.00	\$4,270.34	
DEBT SERVICE Totals:							\$86,969.66	\$91,240.00	\$4,270.34	
Fund: C03 Total							\$86,969.66	\$91,240.00	\$4,270.34	
Fund: D03 CAPITAL IMPROVEMENT										
CAPITAL IMPROVEMENT										

Encumbrance Report by Account

As Of: 9/30/2022

Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
CAPITAL IMPROVEMENT Totals:							\$0.00	\$0.00	\$0.00	
GRANT FUNDS										
D03-07B6-2503	2022	2022000574-001	07/22/2022	DMAX FACILITY-EDGE G	Open	07/22/2022	\$400,000.00	\$400,000.00	\$0.00	
GRANT FUNDS Totals:							\$400,000.00	\$400,000.00	\$0.00	
Fund: D03 Total							\$400,000.00	\$400,000.00	\$0.00	
Fund: D04 FIRE CAPITAL IMPROVEMENT										
FIRE CAPITAL IMPROVMENT										
D04-07A5-2331	2022	2022000025-001	01/05/2022	LEASE PAYMENTS	Open	05/25/2022	\$25,858.76	\$51,717.52	\$25,858.76	
D04-07A5-2520	2022	2022000039-001	01/07/2022	BODY WORK ON LADDE	Open	02/24/2022	\$1,000.00	\$16,000.00	\$15,000.00	
D04-07A5-2520	2022	2022000406-001	05/20/2022	REPAIR OF NUMEROUS	Open	05/20/2022	\$8,594.60	\$8,594.60	\$0.00	
D04-07A5-2520	2022	2022000625-001	08/17/2022	REPAIR OF NUMEROUS	Open	08/17/2022	\$1,688.29	\$1,688.29	\$0.00	
FIRE CAPITAL IMPROVMENT Totals:							\$37,141.65	\$78,000.41	\$40,858.76	
Fund: D04 Total							\$37,141.65	\$78,000.41	\$40,858.76	
Fund: E01 WATER										
WATER DEPARTMENT										
E01-05C2-2122	2022	2022000540-007	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$497.88	\$700.00	\$202.12	
E01-05C2-2122	2022	2022000588-007	07/25/2022	HSA FUNDS	Open	08/04/2022	\$674.00	\$2,190.50	\$1,516.50	
E01-05C2-2122	2022	2022000594-007	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$15,000.00	\$2,041.00	
E01-05C2-2122	2022	2022000595-007	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$159.90	\$228.00	\$68.10	
E01-05C2-2124	2022	2022000119-007	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$1,973.52	\$4,000.00	\$2,026.48	
E01-05C2-2310	2022	2022000010-007	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$549.04	\$1,500.00	\$950.96	
E01-05C2-2310	2022	2022000012-007	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$680.72	\$1,900.00	\$1,219.28	
E01-05C2-2320	2022	2022000031-006	01/06/2022	IPAD SERVICE	Open	08/04/2022	\$114.60	\$275.00	\$160.40	
E01-05C2-2340	2022	2022000005-006	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$62.03	\$220.00	\$157.97	
E01-05C2-2340	2022	2022000006-006	01/05/2022	OFFICE 365	Open	08/04/2022	\$191.39	\$400.00	\$208.61	
E01-05C2-2340	2022	2022000014-001	01/05/2022	LAB FEES	Open	08/04/2022	\$656.95	\$1,500.00	\$843.05	
E01-05C2-2340	2022	2022000019-001	01/05/2022	LAB FEES	Open	08/23/2022	\$832.14	\$1,500.00	\$667.86	
E01-05C2-2340	2022	2022000032-006	01/06/2022	IT SERVICES	Open	08/04/2022	\$660.00	\$1,980.00	\$1,320.00	
E01-05C2-2340	2022	2022000623-001	08/16/2022	MONITORING SYSTEM	Open	08/16/2022	\$1,126.80	\$1,126.80	\$0.00	
E01-05C2-2346	2022	2022000116-003	02/07/2022	UPDATE OF CONSTRUC	Open	08/04/2022	\$2,115.00	\$2,400.00	\$285.00	
E01-05C2-2346	2022	2022000615-001	08/04/2022	MAIN STREET WATERLIN	Open	08/04/2022	\$25,900.00	\$25,900.00	\$0.00	
E01-05C2-2351	2022	2022000199-001	03/10/2022	WATER LINE EXTENSION	Open	03/24/2022	\$1,353.81	\$4,438.02	\$3,084.21	
E01-05C2-2351	2022	2022000543-001	07/11/2022	PARTS TO CHANGE HAY	Open	07/11/2022	\$2,551.92	\$2,551.92	\$0.00	

Encumbrance Report by Account

As Of: 9/30/2022

Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
E01-05C2-2421	2022	2022000023-006	01/05/2022	FUEL	Open	08/31/2022	\$601.02	\$4,000.00	\$3,398.98	
E01-05C2-2560	2022	2022000120-003	02/09/2022	HAY AVE ROADWAY IMP	Open	06/30/2022	\$17,271.42	\$17,271.42	\$0.00	
E01-05C2-2610	2022	2022000028-001	01/06/2022	OPWC LOAN-CD27T	Open	05/31/2022	\$4,864.55	\$9,729.10	\$4,864.55	
E01-05C2-2610	2022	2022000028-003	01/06/2022	OPWC LOAN-CD04V	Open	05/31/2022	\$2,776.39	\$5,552.78	\$2,776.39	
E01-05C2-2610	2022	2022000029-003	01/06/2022	MARKET STREET EXTEN	Open	05/10/2022	\$6,435.31	\$12,775.17	\$6,339.86	
E01-05C2-2610	2022	2022000437-001	06/02/2022	200,000-GALLON ELEVAT	Open	06/09/2022	\$18,092.49	\$35,900.06	\$17,807.57	
E01-05C2-2620	2022	2022000029-004	01/06/2022	MARKET STREET EXTEN	Open	05/10/2022	\$3,905.21	\$7,905.30	\$4,000.09	
E01-05C2-2620	2022	2022000437-002	06/02/2022	200,000-GALLON ELEVAT	Open	06/09/2022	\$12,944.84	\$26,174.60	\$13,229.76	
WATER DEPARTMENT Totals:							\$106,990.93	\$187,118.67	\$67,168.74	
Fund: E01 Total							\$106,990.93	\$187,118.67	\$67,168.74	

Fund: E02

SANITARY SEWER

SANITARY SEWER DEPT

E02-05C3-2122	2022	2022000540-008	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$560.72	\$800.00	\$239.28	
E02-05C3-2122	2022	2022000588-008	07/25/2022	HSA FUNDS	Open	08/04/2022	\$802.00	\$2,606.50	\$1,804.50	
E02-05C3-2122	2022	2022000594-008	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$18,000.00	\$2,432.68	
E02-05C3-2122	2022	2022000595-008	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$194.66	\$275.00	\$80.34	
E02-05C3-2124	2022	2022000119-008	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$2,605.04	\$5,000.00	\$2,394.96	
E02-05C3-2310	2022	2022000010-008	01/05/2022	ELECTRIC DISTRIBUTIO	Open	08/23/2022	\$6,752.57	\$21,910.00	\$15,157.43	
E02-05C3-2310	2022	2022000012-008	01/05/2022	ELECTRIC GENERATION	Open	08/04/2022	\$15,301.35	\$40,000.00	\$24,698.65	
E02-05C3-2310	2022	2022000027-008	01/05/2022	610 S WOLF CREEK	Open	08/23/2022	\$3,895.14	\$4,500.00	\$604.86	
E02-05C3-2320	2022	2022000031-007	01/06/2022	IPAD SERVICE	Open	08/04/2022	\$114.60	\$275.00	\$160.40	
E02-05C3-2340	2022	2022000005-007	01/05/2022	ENTERPRISE SECURITY	Open	08/04/2022	\$62.04	\$220.00	\$157.96	
E02-05C3-2340	2022	2022000006-007	01/05/2022	OFFICE 365	Open	08/04/2022	\$191.39	\$400.00	\$208.61	
E02-05C3-2340	2022	2022000019-002	01/05/2022	LAB FEES	Open	08/23/2022	\$6,812.63	\$18,000.00	\$11,187.37	
E02-05C3-2340	2022	2022000032-007	01/06/2022	IT SERVICES	Open	08/04/2022	\$660.00	\$1,980.00	\$1,320.00	
E02-05C3-2340	2022	2022000283-001	03/29/2022	ANNUAL ROOT CONTRO	Open	03/29/2022	\$3,422.80	\$3,422.80	\$0.00	
E02-05C3-2340	2022	2022000623-002	08/16/2022	MONITORING SYSTEM	Open	08/16/2022	\$2,995.20	\$2,995.20	\$0.00	
E02-05C3-2340	2022	2022000686-001	08/30/2022	INSTALL NEW GAS LINE	Open	08/30/2022	\$2,320.00	\$2,320.00	\$0.00	
E02-05C3-2346	2021	2021000684-001	09/28/2021	ENGINEERING - SLUDGE	Open	05/25/2022	\$1,765.00	\$35,300.00	\$33,535.00	
E02-05C3-2346	2022	2022000116-004	02/07/2022	UPDATE OF CONSTRUC	Open	08/04/2022	\$2,115.00	\$2,400.00	\$285.00	
E02-05C3-2346	2022	2022000617-003	08/04/2022	ENGINEERING SERVICE	Open	08/04/2022	\$387.50	\$387.50	\$0.00	
E02-05C3-2351	2022	2022000666-001	08/22/2022	ZOELLER PUMP-MARKET	Open	08/22/2022	\$1,675.00	\$1,675.00	\$0.00	
E02-05C3-2351	2022	2022000667-001	08/22/2022	SHAFT FOR SLUDGE PR	Open	08/22/2022	\$2,875.00	\$2,875.00	\$0.00	
E02-05C3-2352	2022	2022000464-007	06/10/2022	ANNUAL HVAC SERVICE-	Open	06/10/2022	\$0.00	\$351.00	\$175.50	

Encumbrance Report by Account

As Of: 9/30/2022

Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
E02-05C3-2421	2022	2022000023-007	01/05/2022	FUEL	Open	08/31/2022	\$601.02	\$4,000.00	\$3,398.98	
E02-05C3-2530	2022	2022000279-001	03/24/2022	SLUDGE PRESS BUILDIN	Open	08/04/2022	\$129,306.00	\$491,400.00	\$362,094.00	
E02-05C3-2560	2022	2022000120-005	02/09/2022	HAY AVE ROADWAY IMP	Open	02/09/2022	\$750.00	\$750.00	\$0.00	
E02-05C3-2610	2022	2022000028-002	01/06/2022	OPWC LOAN-CD25Q	Open	05/31/2022	\$48,152.97	\$96,305.94	\$48,152.97	
E02-05C3-2610	2022	2022000028-004	01/06/2022	OPWC LOAN-CD04U	Open	05/31/2022	\$3,750.00	\$7,500.00	\$3,750.00	
E02-05C3-2610	2022	2022000029-005	01/06/2022	MARKET STREET EXTEN	Open	05/10/2022	\$3,903.21	\$7,748.54	\$3,845.33	
E02-05C3-2620	2022	2022000029-006	01/06/2022	MARKET STREET EXTEN	Open	05/10/2022	\$2,368.62	\$4,794.81	\$2,426.19	
SANITARY SEWER DEPT Totals:							\$244,339.46	\$778,192.29	\$518,110.01	
Fund: E02 Total							\$244,339.46	\$778,192.29	\$518,110.01	

Fund: E08

STORMWATER

DEPARTMENT: 05C5

E08-05C5-2122	2022	2022000540-009	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$54.02	\$75.00	\$20.98	
E08-05C5-2122	2022	2022000588-009	07/25/2022	HSA FUNDS	Open	08/04/2022	\$72.00	\$234.00	\$162.00	
E08-05C5-2122	2022	2022000594-009	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$1,600.00	\$215.77	
E08-05C5-2122	2022	2022000595-009	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$17.98	\$25.00	\$7.02	
E08-05C5-2124	2022	2022000119-009	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$750.74	\$1,000.00	\$249.26	
E08-05C5-2340	2022	2022000261-001	03/22/2022	MS4 COMPLIANCE CONT	Open	04/07/2022	\$4,500.00	\$9,000.00	\$4,500.00	
E08-05C5-2346	2022	2022000116-005	02/07/2022	UPDATE OF CONSTRUCT	Open	08/04/2022	\$2,115.00	\$2,400.00	\$285.00	
E08-05C5-2346	2022	2022000616-003	08/04/2022	STORMWATER ENGINEE	Open	08/04/2022	\$5,800.00	\$5,800.00	\$0.00	
E08-05C5-2346	2022	2022000617-004	08/04/2022	ENGINEERING SERVICE	Open	08/04/2022	\$155.00	\$155.00	\$0.00	
E08-05C5-2421	2022	2022000023-008	01/05/2022	FUEL	Open	08/31/2022	\$287.56	\$500.00	\$212.44	
E08-05C5-2560	2022	2022000120-006	02/09/2022	HAY AVE ROADWAY IMP	Open	06/30/2022	\$14,525.51	\$14,525.51	\$0.00	
DEPARTMENT: 05C5 Totals:							\$28,277.81	\$35,314.51	\$5,652.47	
Fund: E08 Total							\$28,277.81	\$35,314.51	\$5,652.47	

Fund: E10

REFUSE

REFUSE DEPARTMENT

E10-05F2-2122	2022	2022000540-010	07/11/2022	2022/2023 DENTAL POLIC	Open	08/26/2022	\$115.07	\$150.00	\$34.93	
E10-05F2-2122	2022	2022000588-010	07/25/2022	HSA FUNDS	Open	08/04/2022	\$98.00	\$318.50	\$220.50	
E10-05F2-2122	2022	2022000594-010	07/25/2022	HEALTH INSURANCE	Open	07/25/2022	\$0.00	\$2,100.00	\$278.42	
E10-05F2-2122	2022	2022000595-010	07/25/2022	LIFE/AD&D INSURANCE	Open	08/26/2022	\$31.96	\$45.00	\$13.04	
E10-05F2-2124	2022	2022000119-010	02/07/2022	2021 TRUE-UP/2022 WOR	Open	08/04/2022	\$1,659.70	\$2,000.00	\$340.30	
E10-05F2-2343	2022	2022000001-001	01/04/2022	REFUSE/RECYCLING SE	Open	08/04/2022	\$133,459.48	\$400,000.00	\$266,540.52	

Encumbrance Report by Account

As Of: 9/30/2022

Account	Year	P.O. Number	PO Date	Description	Status	Enc. Date	Enc. Balance	P.O. Line Amt	Paid Amount	Error
E10-05F2-2392	2022	2022000016-001	01/05/2022	TIPPING FEES	Open	08/19/2022	\$917.07	\$2,200.00	\$1,282.93	
E10-05F2-2421	2022	2022000023-009	01/05/2022	FUEL	Open	08/31/2022	\$374.83	\$2,000.00	\$1,625.17	
REFUSE DEPARTMENT Totals:							\$136,656.11	\$408,813.50	\$270,335.81	
Fund: E10 Total							\$136,656.11	\$408,813.50	\$270,335.81	
Grand Total:							\$1,982,886.00	\$3,741,813.70	\$1,588,271.78	

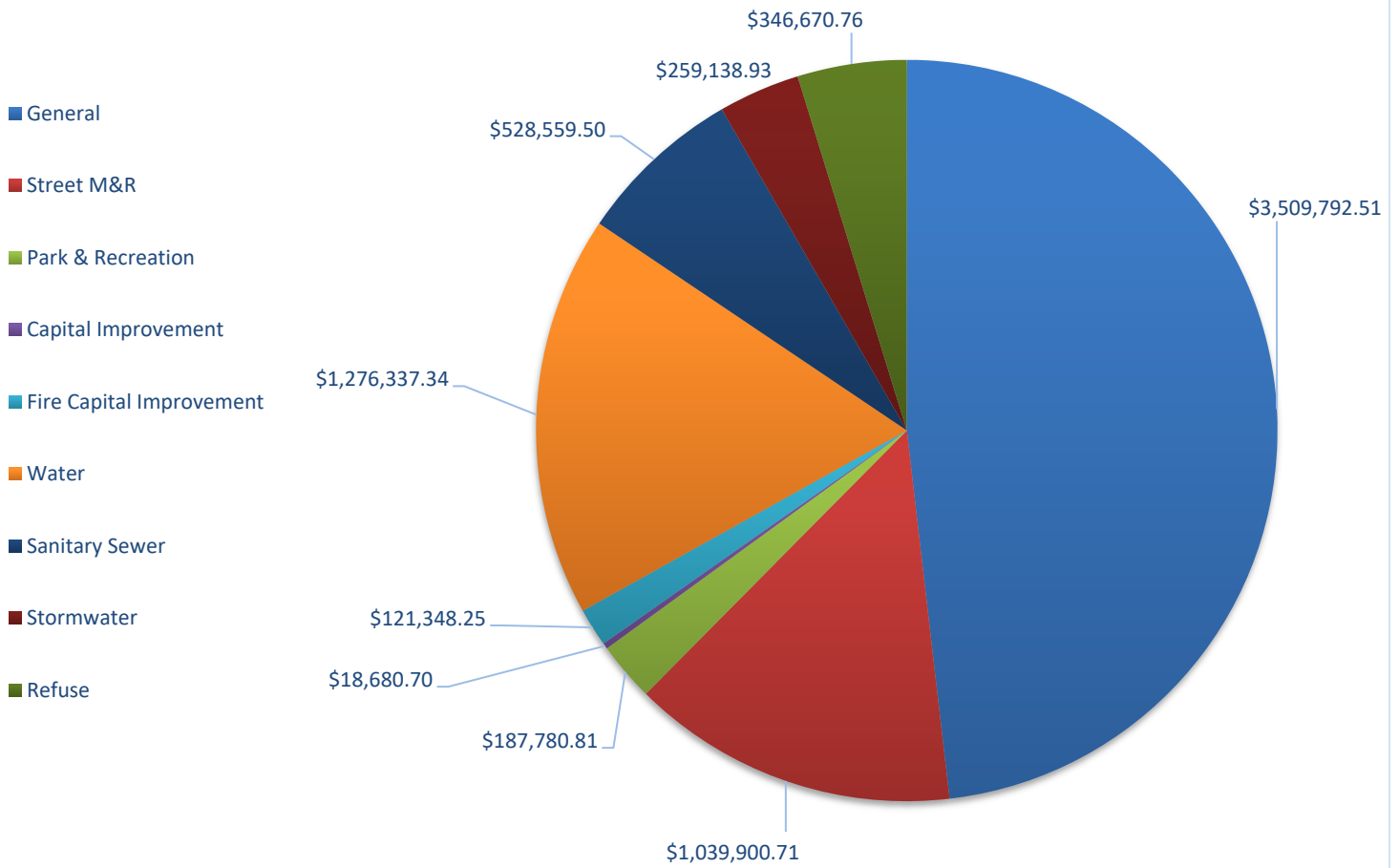
August Budget Comparison

	<u>2021 Y-T-D</u>	<u>2022 Y-T-D</u>	<u>SUM DIFF.</u>	<u>% DIFF.</u>
<u>GENERAL FUND</u>				
Beginning Balance	\$ 1,965,244.67	\$ 1,626,536.21	\$ (338,708.46)	-17.2%
Revenue	\$ 3,066,312.80	\$ 3,509,792.51	\$ 443,479.71	14.5%
Expenses	\$ 3,186,205.71	\$ 3,370,893.35	\$ 184,687.64	5.8%
Unexpended Balance	\$ 1,845,351.76	\$ 1,765,435.37	\$ (79,916.39)	-4.3%
Real Estate Taxes	\$ 138,101.96	\$ 137,208.12	\$ (893.84)	-0.6%
Income Tax	\$ 2,195,874.01	\$ 2,622,493.22	\$ 426,619.21	19.4%
Motel Tax	\$ 26,466.03	\$ 31,508.10	\$ 5,042.07	19.1%
Local Government	\$ 69,656.62	\$ 76,101.46	\$ 6,444.84	9.3%
EMS Billing	\$ 231,818.49	\$ 263,209.34	\$ 31,390.85	13.5%
Zoning Permits	\$ 5,585.00	\$ 6,105.00	\$ 520.00	9.3%
Interest on Investments	\$ 23,548.53	\$ 21,543.95	\$ (2,004.58)	-8.5%
Fire Protection Contract	\$ 232,598.17	\$ 232,287.60	\$ (310.57)	-0.1%
<u>STREET M&R FUND</u>				
Beginning Balance	\$ 204,280.56	\$ 164,523.02	\$ (39,757.54)	-19.5%
Revenue	\$ 683,909.28	\$ 1,039,900.71	\$ 355,991.43	52.1%
Expenses	\$ 608,642.41	\$ 948,757.75	\$ 340,115.34	55.9%
Unexpended Balance	\$ 279,547.43	\$ 255,665.98	\$ (23,881.45)	-8.5%
MV, Gas, Highway Taxes	\$ 299,953.51	\$ 295,074.57	\$ (4,878.94)	-1.6%
<u>PARK & REC. FUND</u>				
Beginning Balance	\$ 53,178.70	\$ 65,019.89	\$ 11,841.19	22.3%
Revenue	\$ 165,189.63	\$ 187,780.81	\$ 22,591.18	13.7%
Expenses	\$ 138,013.11	\$ 154,328.99	\$ 16,315.88	11.8%
Unexpended Balance	\$ 80,355.22	\$ 98,471.71	\$ 18,116.49	22.5%
Park Permits	\$ 30,645.00	\$ 34,892.00	\$ 4,247.00	13.9%
<u>CAPITAL IMPROV. FUND</u>				
Beginning Balance	\$ 169,508.34	\$ 179,245.69	\$ 9,737.35	5.7%
Revenue	\$ 147,544.44	\$ 18,680.70	\$ (128,863.74)	-87.3%
Expenses	\$ 164,428.58	\$ 31,773.00	\$ (132,655.58)	-80.7%
Unexpended Balance	\$ 152,624.20	\$ 166,153.39	\$ 13,529.19	8.9%
Grant Funds	\$ 66,792.00	\$ 12,789.10	\$ (54,002.90)	-80.9%
Assessments	\$ 5,752.44	\$ 5,891.60	\$ 139.16	2.4%

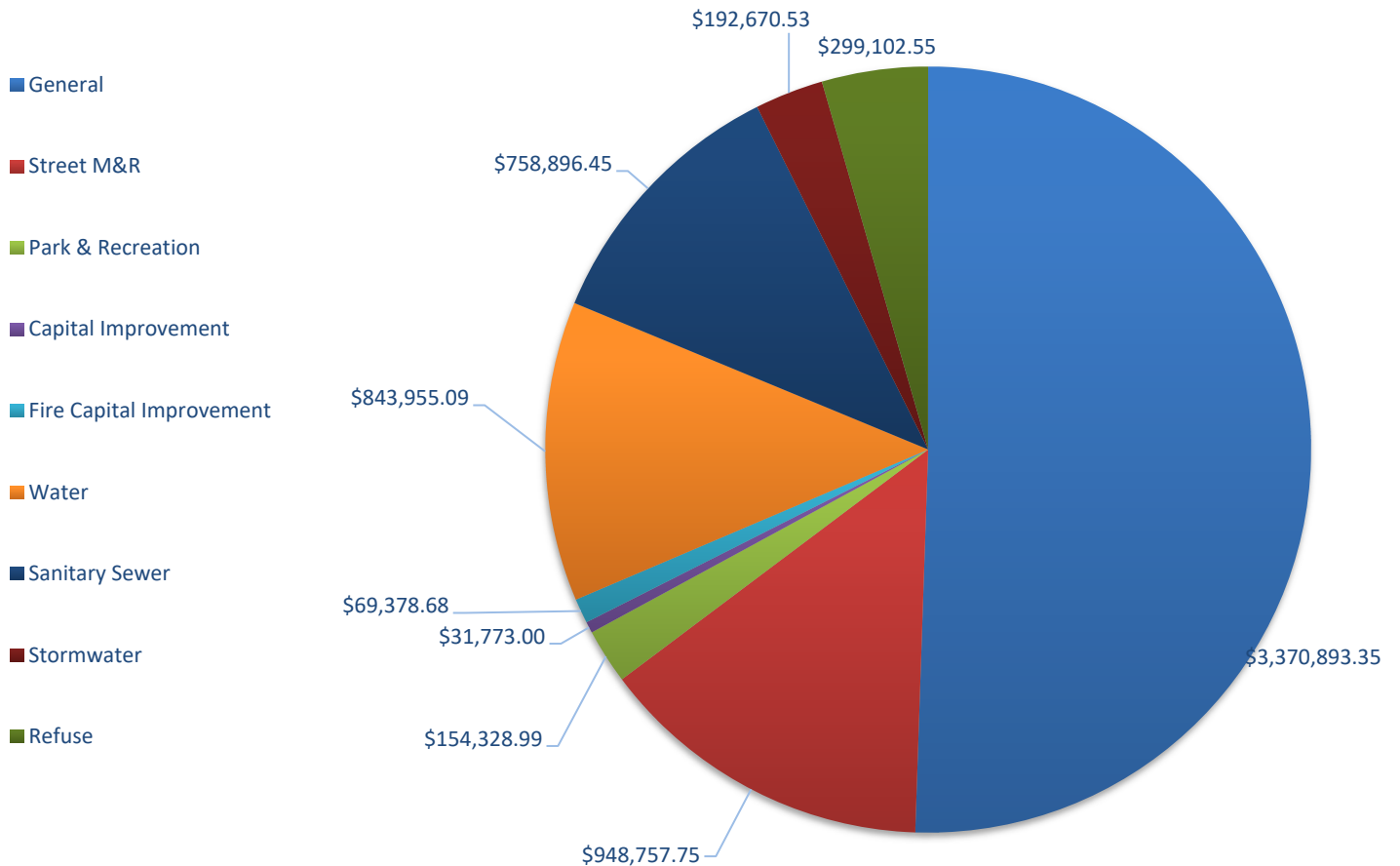
August Budget Comparison

	<u>2021 Y-T-D</u>	<u>2022 Y-T-D</u>	<u>SUM DIFF.</u>	<u>% DIFF.</u>
<u>FIRE CAP. IMPR. FUND</u>				
Beginning Balance	\$ 239,278.93	\$ 184,697.10	\$ (54,581.83)	-22.8%
Revenue	\$ 133,886.23	\$ 121,348.25	\$ (12,537.98)	-9.4%
Expenses	\$ 70,100.16	\$ 69,378.68	\$ (721.48)	-1.0%
Unexpended Balance	\$ 303,065.00	\$ 236,666.67	\$ (66,398.33)	-21.9%
EMS Billing	\$ 25,690.95	\$ 29,245.82	\$ 3,554.87	13.8%
Misc. Grants	\$ -	\$ -	\$ -	#DIV/0!
<u>WATER FUND</u>				
Beginning Balance	\$ 403,996.66	\$ 614,432.48	\$ 210,435.82	52.1%
Revenue	\$ 1,017,531.47	\$ 1,276,337.34	\$ 258,805.87	25.4%
Expenses	\$ 629,981.18	\$ 843,955.09	\$ 213,973.91	34.0%
Unexpended Balance	\$ 791,546.95	\$ 1,046,814.73	\$ 255,267.78	32.2%
Water Sales	\$ 980,298.36	\$ 980,727.94	\$ 429.58	0.0%
Tap Permits	\$ 24,000.00	\$ 49,500.00	\$ 25,500.00	106.3%
<u>SEWER FUND</u>				
Beginning Balance	\$ 730,036.66	\$ 815,346.32	\$ 85,309.66	11.7%
Revenue	\$ 541,852.62	\$ 528,559.50	\$ (13,293.12)	-2.5%
Expenses	\$ 421,991.01	\$ 758,896.45	\$ 336,905.44	79.8%
Unexpended Balance	\$ 849,898.27	\$ 585,009.37	\$ (264,888.90)	-31.2%
Sewer Sales	\$ 480,585.05	\$ 474,780.41	\$ (5,804.64)	-1.2%
Tap Permits	\$ 22,500.00	\$ 50,167.50	\$ 27,667.50	123.0%
<u>STORMWATER FUND</u>				
Beginning Balance	\$ 20,981.54	\$ 31,835.27	\$ 10,853.73	51.7%
Revenue	\$ 46,702.98	\$ 259,138.93	\$ 212,435.95	454.9%
Expenses	\$ 37,387.19	\$ 192,670.53	\$ 155,283.34	415.3%
Unexpended Balance	\$ 30,297.33	\$ 98,303.67	\$ 68,006.34	224.5%
Stormwater Sales	\$ 46,690.37	\$ 93,773.92	\$ 47,083.55	100.8%
<u>REFUSE FUND</u>				
Beginning Balance	\$ 195,393.75	\$ 223,354.77	\$ 27,961.02	14.3%
Revenue	\$ 342,000.45	\$ 346,670.76	\$ 4,670.31	1.4%
Expenses	\$ 287,049.26	\$ 299,102.55	\$ 12,053.29	4.2%
Unexpended Balance	\$ 250,344.94	\$ 270,922.98	\$ 20,578.04	8.2%
Refuse Sales	\$ 338,981.30	\$ 342,746.82	\$ 3,765.52	1.1%
Sales & Service	\$ 345.39	\$ 299.81	\$ (45.58)	-13.2%

YTD-Fund Revenues - 08/31/2022



YTD-Fund Expenditures - 08/31/2022





City of **BROOKVILLE** ***POLICE***

Chief Douglas Jerome

djerome@brookvilleohio.com



Council Meeting Agenda September 6, 2022

Reportable Incidents

1/1/2021 – 8/31/2021 = 481

1/1/2022 – 8/31/2022 = 343

Citations

1/1/2021 – 8/31/2021 = 577

1/1/2022 – 8/12/2022 = 103

Traffic Stops

August 2021 - 83

August 2022 - 80

Brookville Police Department

Incident Arrest Blotter

Arrest Date	Time	Suspect's Name	Address, Charges(s)	Incident ID
08/11/2022		ROLAND BONNER	643 ESSEX STREET, AKRON, OH 44301 2921331: Failure to comply with order or signal of P.O.	2022-00317
		BYRON J. FORD	4269 WOLF RD, DAYTON, OH 45416 35: WARRANT ARREST	2022-00318
08/12/2022	12:15 PM	KEYON E. BEAN, Junior	4335 RIVERSIDE DR APT L2, DAYTON, OH 45405 2921331: Failure to comply with order or signal of P.O. 292511: Drug abuse - obtain, possess, use controlled subst	2022-00321
08/16/2022		TRE M. MITCHELL	31 CAIN ST, NEW LEBANON, OH 45345 291925: Domestic violence	2022-00323
08/19/2022		JUSTIN D. KIEFER	9966 PITSBURG LAURA RD, ARCANUM, OH 45304 291711: Disorderly conduct	2022-00327
		LOGAN PURCELL	115 SYCAMORE ST APT C, BROOKVILLE, OH 45309 291711: Disorderly conduct	2022-00327
08/20/2022		ZACHARY L. FOLEY	241 BRONWOOD, NEW LEBANON, OH 45345 292511C3: Drug abuse - marijuana	2022-00329
08/23/2022		DUSTIN JAMES SCHUY	301 DEEM ST, EATON, OH 45320 291925A: Domestic violence - knowingly cause physical harm 290906: Criminal damaging/endangering 292512: Possessing drug abuse instrument - obtain, use 35: WARRANT ARREST	2022-00333
		KATHY A. HOLLON	275 CROSSWELL, BROOKVILLE, OH 45309 50501C: ANIMAL AT LARGE 50501C: ANIMAL AT LARGE 50501C: ANIMAL AT LARGE	2022-00335
08/24/2022		KATHY A. HOLLON	275 CROSSWELL, BROOKVILLE, OH 45309 50501C: ANIMAL AT LARGE 50501C: ANIMAL AT LARGE	2022-00339
08/27/2022	08:00 PM	JOSHUA M. FREIBERG	419 MARKET ST, BROOKVILLE, OH 45309 35: WARRANT ARREST	2022-00344

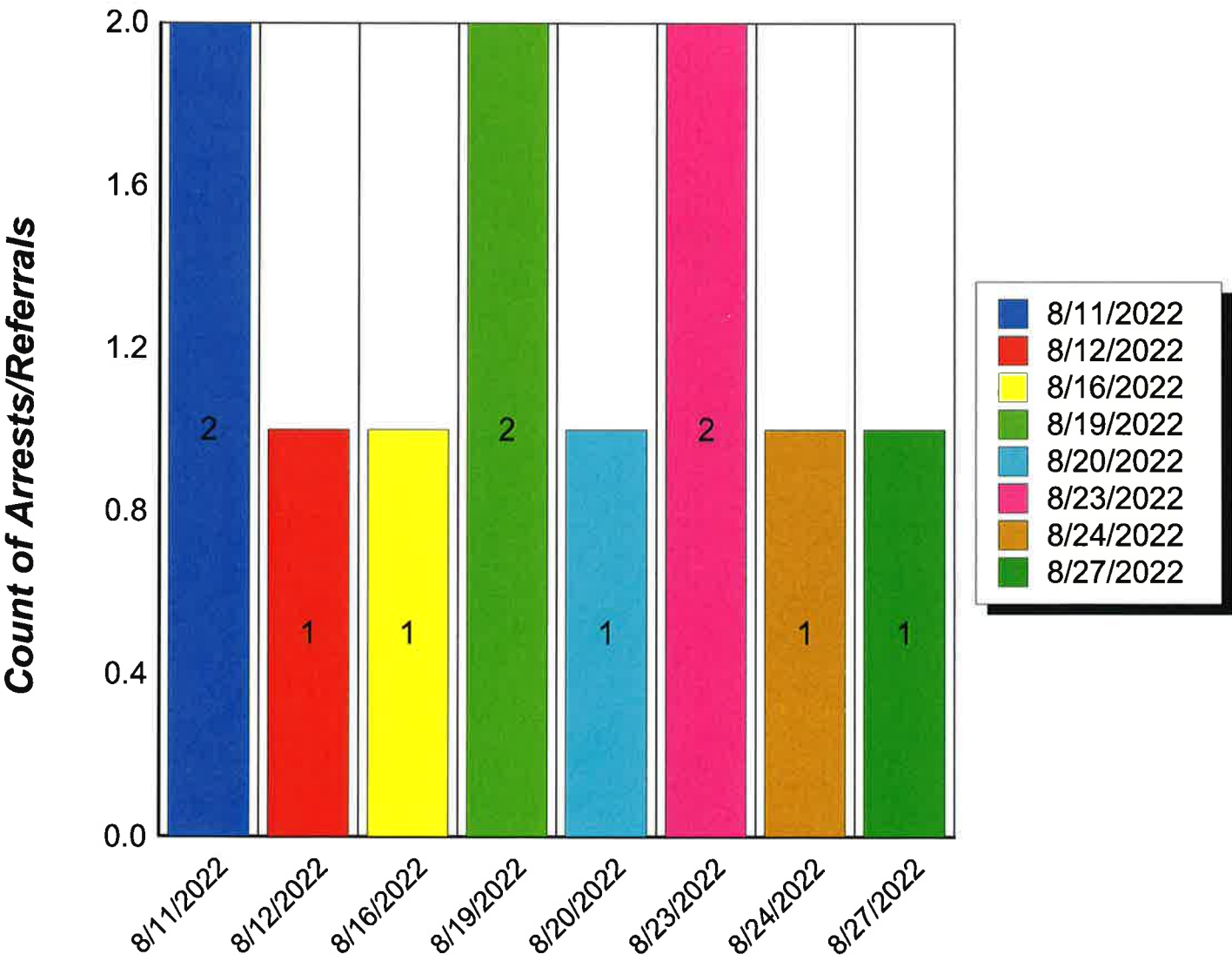
Total Selected = 11

Brookville Police Department

Arrest Log by Date

Arrest Date	Total Arrests
August 11, 2022	2
August 12, 2022	1
August 16, 2022	1
August 19, 2022	2
August 20, 2022	1
August 23, 2022	2
August 24, 2022	1
August 27, 2022	1
Total Selected = 11	

Arrest Log by Date

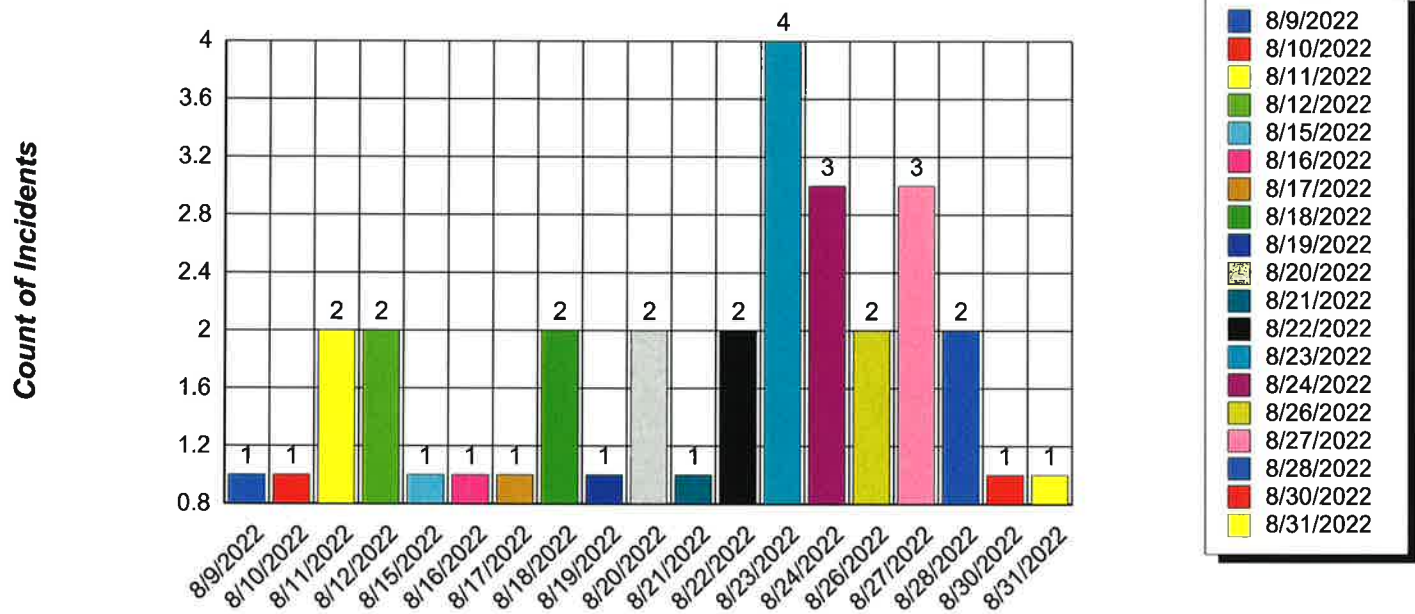


Brookville Police Department

Incident Log by Date Reported

Date Reported	Day of Week	Total Reported
08/09/2022	Tuesday	1
08/10/2022	Wednesday	1
08/11/2022	Thursday	2
08/12/2022	Friday	2
08/15/2022	Monday	1
08/16/2022	Tuesday	1
08/17/2022	Wednesday	1
08/18/2022	Thursday	2
08/19/2022	Friday	1
08/20/2022	Saturday	2
08/21/2022	Sunday	1
08/22/2022	Monday	2
08/23/2022	Tuesday	4
08/24/2022	Wednesday	3
08/26/2022	Friday	2
08/27/2022	Saturday	3
08/28/2022	Sunday	2
08/30/2022	Tuesday	1
08/31/2022	Wednesday	1
Total Selected = 33		

Incident Log by Date Reported



Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
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August 09, 2022

2022-00315	WOLF CREEK @ WESTBROOK BROOKVILLE PD	SIGNAL 53A - PROPERTY DAMAGE CRASH	08/09/2022	08/09/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
1	N/A	451121A - ASSURED CLEAR DISTANCE AHEAD

Total Incidents Reported for Date: 1

August 10, 2022

2022-00316	56 N HILL STREET BROOKVILLE PD	SIGNAL 26I - INFORMATION REPORT	08/10/2022	08/10/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
1	02	26I - INFORMATION REPORT

Total Incidents Reported for Date: 1

August 11, 2022

2022-00317	I-70 EB EXIT RAMP BROOKVILLE PD	SIGNAL 26O - FAILURE TO OBEY LAWFUL ORDER OF LAW ENFORCEMENT	08/11/2022	08/11/2022	ARREST
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Offenses	UCR	Offense Description
2	02	2921331 - Failure to comply with order or signal of P.O.
	N/A	451112 - OBEYING TRAFFIC CONTROL DEVICES

2022-00318	127 MAIN ST BROOKVILLE PD	SIGNAL 35 - WARRANT ARREST	08/11/2022	08/11/2022	ARREST
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Offenses	UCR	Offense Description
1	N/A	35 - WARRANT ARREST

Total Incidents Reported for Date: 2

August 12, 2022

2022-00319	DURWELL@WOLF CREEK BROOKVILLE PD	SIGNAL 18 - POSSESSION OF DRUGS	08/12/2022	08/12/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
3	01	292511C3 - Drug abuse - marijuana
	02	292514 - Drug paraphernalia
	N/A	451305 - NO TAIL LIGHTS; REAR PLATE LIGHT

Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
August 12, 2022					
2022-00321	200 CARR DR BROOKVILLE PD	SIGNAL 15 - DRUG POSSESSION	08/12/2022	08/12/2022	ARREST
Offenses UCR Offense Description 2 02 2921331 - Failure to comply with order or signal of P.O. 01 292511 - Drug abuse - obtain, possess, use controlled subst					
Total Incidents Reported for Date: 2					
August 15, 2022					
2022-00322	510 UPPER LEWISBURG SALEM BROOKVILLE PD	SIGNAL 55A - PROPERTY DAMAGE ACCIDENT	08/15/2022	08/15/2022	EXCEPTIONALLY CLEARED
Offenses UCR Offense Description 1 N/A 53A - PROPERTY DAMAGE TRAFFIC CRASH					
Total Incidents Reported for Date: 1					
August 16, 2022					
2022-00323	87 TERRACE PARK BROOKVILLE PD	SIGNAL 20 - DOMESTIC VIOLENCE	08/16/2022	08/16/2022	ARREST
Offenses UCR Offense Description 1 02 291925 - Domestic violence					
Total Incidents Reported for Date: 1					
August 17, 2022					
2022-00324	ARLINGTON AT N WOLFCREEK BROOKVILLE PD	SIGNAL 53A - PROPERTY DAMAGE CRASH	08/17/2022	08/17/2022	EXCEPTIONALLY CLEARED
Offenses UCR Offense Description 2 N/A 53A - PROPERTY DAMAGE TRAFFIC CRASH N/A 4511431 - Rules for leaving & entering private drive					
Total Incidents Reported for Date: 1					
August 18, 2022					
2022-00325	301 SYCAMORE BROOKVILLE PD	SIGNAL 06A - THEFT OF CREDIT CARD	08/14/2022	08/26/2022	INACTIVE

Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
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August 18, 2022

Offenses UCR Offense Description
1 06 291302A1 - Theft - without consent

2022-00326	610 ARLINGTON BROOKVILLE PD	SIGNAL 10 - COUNTERFEITING	08/17/2022	08/18/2022	UNFOUNDED
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Offenses UCR Offense Description
1 N/A 291330 - COUNTERFEITING

Total Incidents Reported for Date: 2

August 19, 2022

2022-00327	117 SYCAMORE STREET BROOKVILLE PD	SIGNAL 24 - DISORDERLY CONDUCT	08/19/2022	08/19/2022	ARREST
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Offenses UCR Offense Description
2 02 291711 - Disorderly conduct
N/A 451012 - DRIVING WITHOUT VALID LICENSE

Total Incidents Reported for Date: 1

August 20, 2022

2022-00328	124 WESTERN AVE BROOKVILLE PD	SIGNAL 26I - INFORMATION REPORT	08/20/2022	08/20/2022	EXCEPTIONALLY CLEARED
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Offenses UCR Offense Description
1 02 26I - INFORMATION REPORT

2022-00329	RONA PARKWAY/RIDGE ROAD BROOKVILLE PD	SIGNAL 18 - MARIJUANA POSSESSION	08/20/2022	08/20/2022	ARREST
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Offenses UCR Offense Description
2 01 292511C3 - Drug abuse - marijuana
N/A 451143A - FAILED TO STOP AT POSTED STOP SIGN

Total Incidents Reported for Date: 2

August 21, 2022

2022-00330	430 MARKET STREET BROOKVILLE PD	SIGNAL 14 - CRIMINAL DAMAGING	08/22/2022	08/22/2022	EXCEPTIONALLY CLEARED
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Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
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August 21, 2022

Offenses	UCR	Offense Description
1	01	290906 - Criminal damaging/endangering

Total Incidents Reported for Date: 1

August 22, 2022

2022-00331	301 SYCAMORE STREET BROOKVILLE PD	SIGNAL 26I - OHIO HB4 LE LETTER	08/22/2022	08/22/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
1	02	26I - OHIO HB4 LE NOTIFICATION LETTER

2022-00332	501 WESTBROOK BROOKVILLE PD	SIGNAL 53A - PROPERTY DAMAGE CRASH	08/22/2022	08/22/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
1	N/A	53A - PROPERTY DAMAGE TRAFFIC CRASH

Total Incidents Reported for Date: 2

August 23, 2022

2022-00333	45 WEST MCKINLEY STREET APT. G BROOKVILLE PD	SIGNAL 20 - DOMESTIC VIOLENCE	08/23/2022	08/23/2022	ARREST
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Offenses	UCR	Offense Description
4	02	291925A - Domestic violence - knowingly cause physical harm
	01	290906 - Criminal damaging/endangering
	01	292512 - Possessing drug abuse instrument - obtain, use
	N/A	35 - WARRANT ARREST

2022-00334	301 SYCAMORE STREET BROOKVILLE PD	SIGNAL 26I - OHIO HB4 LE NOTIFICATION LETTER	08/23/2022	08/23/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
1	02	26I - OHIO HB4 LE NOTIFICATION LETTER

2022-00335	275 CROSSWELL BROOKVILLE PD	SIGNAL 26O - DOG AT LARGE	08/23/2022	08/23/2022	ARREST
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Offenses	UCR	Offense Description
3	N/A	50501C - ANIMAL AT LARGE
	N/A	50501C - ANIMAL AT LARGE
	N/A	50501C - ANIMAL AT LARGE

Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
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August 23, 2022

2022-00336	799 ARLINGTON BROOKVILLE PD	SIGNAL 26I - INFORMATION REPORT	08/23/2022	08/23/2022	EXCEPTIONALLY CLEARED
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Offenses	UCR	Offense Description
1	02	26I - INFORMATION REPORT

Total Incidents Reported for Date: 4

August 24, 2022

2022-00337	95 PARKVIEW BROOKVILLE PD	SIGNAL 02 - RAPE	08/24/2022		OPEN CASE
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Offenses	UCR	Offense Description
1	02	290702 - Rape

2022-00339	275 CROSSWELL BROOKVILLE PD	SIGNAL 260 - DOGS AT LARGE	08/24/2022	08/24/2022	ARREST
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Offenses	UCR	Offense Description
3	02	260 - ALL OTHER CRIMINAL OFFENSES
	N/A	50501C - ANIMAL AT LARGE
	N/A	50501C - ANIMAL AT LARGE

2022-00338	536 W WESTBROOK ROAD BROOKVILLE PD	SIGNAL 06A - THEFT	08/24/2022		OPEN CASE
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Offenses	UCR	Offense Description
6	06	291302 - Theft
	06	291302 - Theft
	06	291302 - Theft
	01	290906A1 - Criminal damaging/endangering - knowingly, any mea
	01	290906A1 - Criminal damaging/endangering - knowingly, any mea
	06	291302 - Theft

Total Incidents Reported for Date: 3

August 26, 2022

2022-00340	1 BLUE PRIDE DRIVE BROOKVILLE PD	SIGNAL 18 - DRUG ABUSE	08/26/2022		OPEN CASE
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Offenses	UCR	Offense Description
1	01	292511C3 - Drug abuse - marijuana

2022-00341	301 SYCAMORE STREET	SIGNAL 26I - INFORMATION REPORT	08/26/2022	08/26/2022	
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Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
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August 26, 2022

BROOKVILLE PD

EXCEPTIONALLY CLEARED

Offenses UCR Offense Description
1 02 26I - INFORMATION REPORT

Total Incidents Reported for Date: 2

August 27, 2022

2022-00342	926 ARLINGTON ROAD BROOKVILLE PD	SIGNAL 26I - INFORMATION REPORT	08/27/2022	08/27/2022	EXCEPTIONALLY CLEARED
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Offenses UCR Offense Description
1 02 26I - INFORMATION REPORT

2022-00343	117 SYCAMORE ST BROOKVILLE PD	SIGNAL 26I - INFORMATION REPORT	08/27/2022	08/27/2022	EXCEPTIONALLY CLEARED
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Offenses UCR Offense Description
1 02 26I - INFORMATION REPORT

2022-00344	WOLF CREEK AT MAIN BROOKVILLE PD	SIGNAL 35 - WARRANT ARREST	08/27/2022	08/27/2022	ARREST
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Offenses UCR Offense Description
1 N/A 35 - WARRANT ARREST

Total Incidents Reported for Date: 3

August 28, 2022

2022-00345	405 Mound Street Brookville, OH BROOKVILLE PD	MEDIC ASSIST	08/28/2022	08/28/2022	EXCEPTIONALLY CLEARED
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2022-00346	725 SALEM STREET BROOKVILLE PD	SIGNAL 18O - DRUG OVERDOSE	08/28/2022	08/28/2022	EXCEPTIONALLY CLEARED
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Offenses UCR Offense Description
1 01 18O - DRUG OVERDOSE

Total Incidents Reported for Date: 2

August 30, 2022

2022-00347	799 ARLINGTON ROAD BROOKVILLE PD	SIGNAL 26O - AGGRAVATED MENACING	08/30/2022		OPEN CASE
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Brookville Police Department

Incident Log by Date Reported

Incident ID	Location, Area	Description	Date Occurred	Cleared Date	Status
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August 30, 2022

Offenses UCR Offense Description
 1 04 290321 - Aggravated menacing

Total Incidents Reported for Date: 1

August 31, 2022

2022-00348	526 VINE BROOKVILLE PD	SIGNAL 260 - CRIMINAL TRESPASS	08/31/2022	OPEN CASE
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Offenses UCR Offense Description
 1 02 291121A1 - Criminal trespass - land/premises of another

Total Incidents Reported for Date: 1

Total Selected = 33

MEMORANDUM:

SEPTEMBER 2, 2022

TO: BROOKVILLE CITY COUNCIL

FROM: RODNEY L. STEPHAN, LAW DIRECTOR

**RE: HARPER CREEK FINAL DEVELOPMENT PLAN AND FINAL SUBDIVISION
RECORD PLAN**

The Harper Creek Final Development Plan and Final Subdivision Record Plan are before City Council for final approval. The plan is consistent with the preliminary plan that was approved by Planning Commission and City Council. Planning Commission unanimously approved this final development plan and final subdivision plan at its August meeting. The plan provides for 43 lots for single family housing under the R-1B zoning requirements.

It is requested that City Council approve the Harper Creek Final Development Plan and Final Subdivision Record Plan subject to execution of the Development Agreement for this project.

IMPROVEMENT PLANS
HARPER CREEK

SECTION 34, TOWN 6, RANGE 4E
CITY OF BROOKVILLE, MONTGOMERY COUNTY, OHIO
SEPTEMBER 1, 2022

Table with 2 columns: Sheet Number, Title/Description. Includes SHEET INDEX and SHEET INDEX.

DEVELOPER

ARBOR HOMES
9050 CENTRE POINTE DRIVE, SUITE 210
WEST CHESTER, OH 45069
PH: (371) 520-8419

ENGINEER

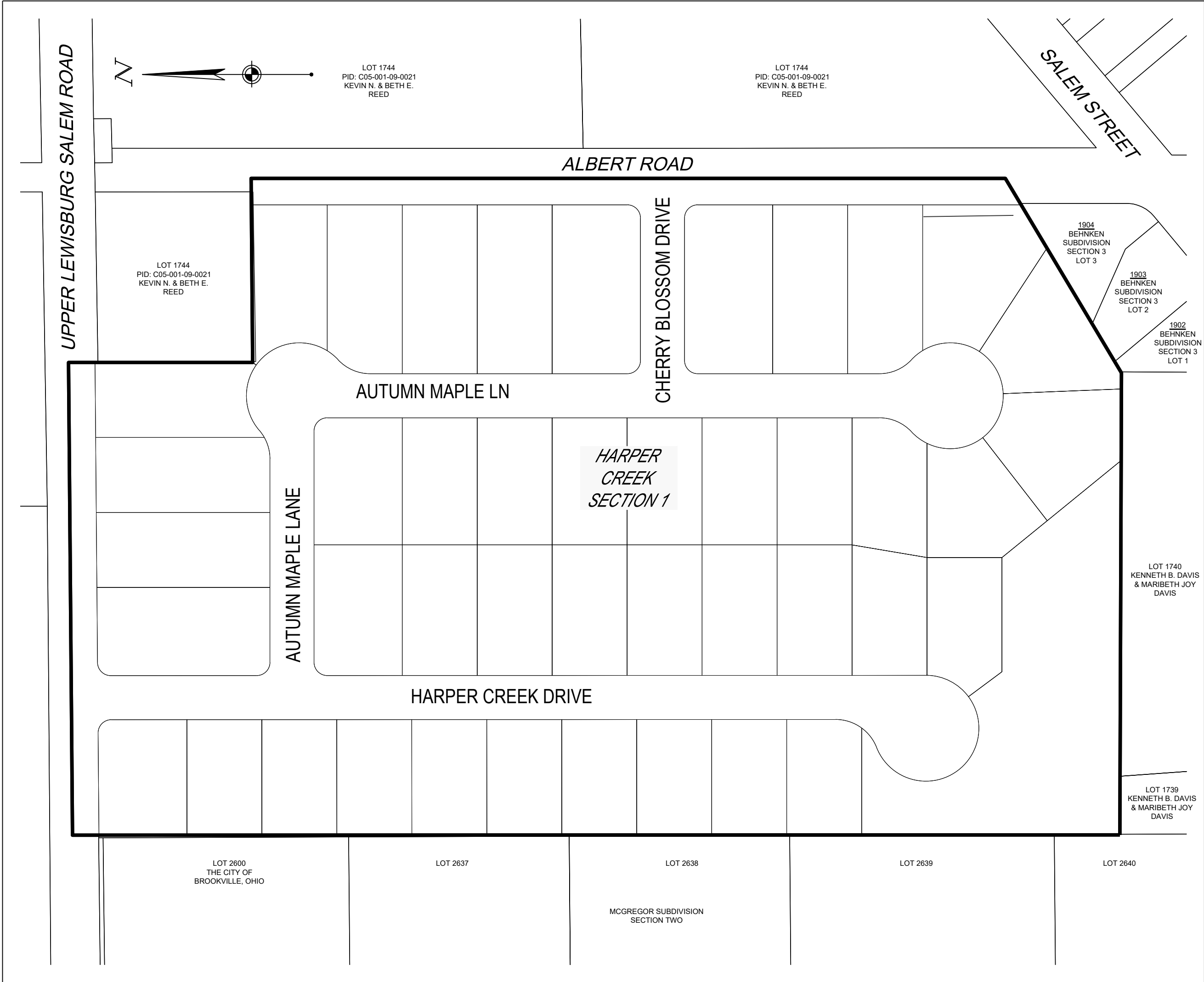
CESO, INC.
3601 RIGBY ROAD
MIAMISBURG, OH 45342
PH: (937) 435-8584
JUSTIN ELAM, P.E.

OWNER

CITY OF BROOKVILLE
301 SYCAMORE ST.
BROOKVILLE, OH 45309

SWP3 CONTACT

DOUG PRODOEHL
PH: (513) 200-0523



OVERALL MAP
1" = 300'

BENCHMARK DESCRIPTIONS:

BM 1: CROSS NOTCH SET ON ARROW BOLT ON WEST SIDE OF A FIRE HYDRANT, ABOUT 50' SOUTH OF EAST UPPER LEWISBURG SALEM RD. ON TH EAST SIDE OF THE BROOKVILLE 76 FIRE STATION TRUCK ENTRY AND EXIT.
BM 2: CROSS NOTCH SET ON THE SOUTHWEST SIDE OF A FIRE HYDRANT, IN THE WEST RIGHT-OF-WAY OF ALBERT RD. ABOUT 50' SOUTH OF THE INTERSECTION OF UPPER LEWISBURG SALEM RD. AND ALBERT RD.

VERTICAL DATUM:

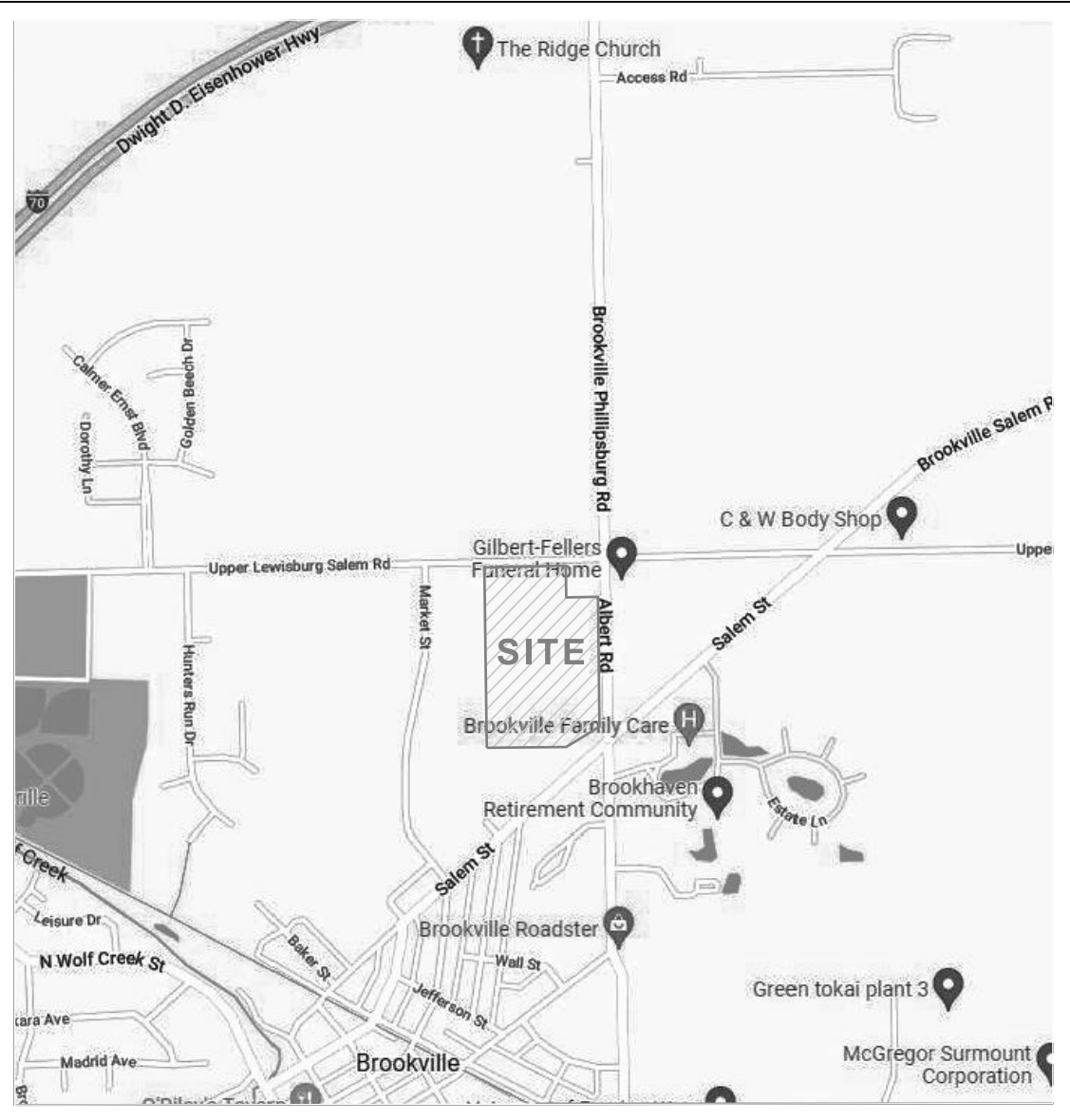
ELEVATIONS AND DATUM AS SHOWN HEREON ARE BASED UPON NAVD88 ESTABLISHED USING GPS OBSERVATIONS ALONG WITH THE OHIO DEPARTMENT OF TRANSPORTATION RTN NETWORK AND OPUS SOLUTIONS. MADE IN CONJUNCTION WITH A SURVEY CONDUCTED BY CESO INC. IN MARCH OF 2021.

BASIS OF BEARING:

NORTH AND BEARING SYSTEM BASED ON THE OHIO STATE PLANE - SOUTH, NAD 83 AND UPON GPS OBSERVATIONS TAKEN BY CESO INC IN MARCH OF 2021. SCALED TO GROUND AT A LAT. N39°50'40.33302", LONG. W84°24'23.20801" AND A PROJECT HEIGHT OF 940.881 FEET AND A SCALE FACTOR OF 1.00007689009207.

UTILITY OWNERS

- GAS: CENTERPOINT ENERGY, 4285 NORTH JAMES MCGEE BLVD, DAYTON, OH 45427, 937-440-1957
- TELEPHONE: FRONTIER, 7460 BRANDT PIKE, DAYTON OH 45424, 937-576-9043
- ELECTRIC: AES OHIO, 1900 DRYDEN ROAD, DAYTON, OH 45459, (937) 331-4682
- CABLE: SPECTRUM CABLE, 275 LEO ST., DAYTON, OH 45459, (937) 425-8883
- STREET, STORMWATER, SANITARY SEWER & WATER: CITY OF BROOKVILLE, 301 SYCAMORE ST., PO BOX 10, BROOKVILLE, OHIO 45309, (937) 233-1423



VICINITY MAP
NTS



JUSTIN ELAM, P.E.
OHIO REGISTERED ENGINEER No. E-76298

09/02/22
DATE

APPROVED
CITY OF BROOKVILLE

DATE



REVISION DESCRIPTION
NO. DATE

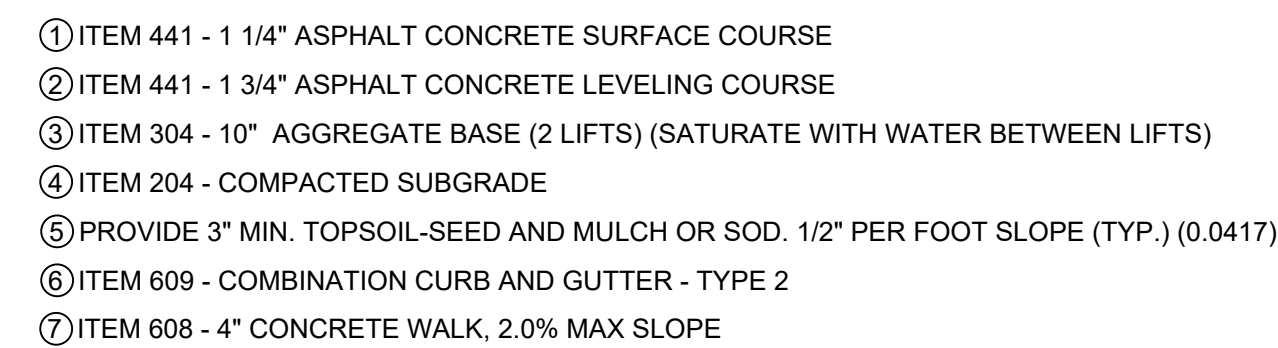
HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

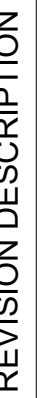
TITLE SHEET

Table with 2 columns: Field, Value. Includes ISSUE, REVIEW, DATE, JOB NO., DESIGN, DRAWN, CHECKED, SHEET NO.





- A. ALL WORK TO CONFORM TO ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS LATEST REVISION UNLESS OTHERWISE SPECIFIED
- B. ITEM 407 TACK COAT, SHALL BE REQUIRED WHEN 10 DAYS HAVE ELAPSED BETWEEN BITUMINOUS PAVEMENT LIFTS UNLESS OTHERWISE SPECIFIED BY THE ENGINEER. APPLICATION RATE IS .10 GALLON PER SQUARE YARD.
- C. ALL BUTT JOINTS AND BETWEEN CURB AND PAVEMENT SHALL BE SEALED WITH PG64 -22 WITHIN 24 HOURS AFTER PLACEMENT OF ITEM 404.
- D. NO CONCRETE PAVEMENT WILL BE ACCEPTED.



NO.	DATE

**HARPER
CREEK**

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

HARPER CREEK

ROADWAY DETAILS

ISSUE:
REVIEW

DATE:
9/01/22

JOB NO.: 757660

DESIGN: JEE

DRAWN: SJS

CHECKED: JEE

SHEET NO.

2



UTILITIES AGENTS

**MUNICIPALITY OF BROOKVILLE-
STREET, STORM, AND SANITARY**
301 SYCAMORE ST.
P.O. BOX 10
BROOKVILLE, OHIO 45309-0010
(937) 883-2135

DAYTON POWER AND LIGHT- ELECTRIC AND GAS SERVICE
236 W. LEXINGTON ROAD
EATON, OH, 45320
1-800-729-2640
FAX: 937-456-2702

TIME WARNER CABLE - CABLE TV SERVICE
419 SOUTH BARRON AVE.
EATON, OH 45320
1-800-762-2963

GTE PHONE SERVICES
6464 WESTBROOK RD.
CLAYTON, OHIO 45315
(937) 833-0458

OHIO UTILITIES PROTECTION SERVICE
3 WORKING DAYS BEFORE YOU DIG
TOLL FREE 800-362-2764

SEEDING

A. ALL AREAS DESIGNATED FOR SEEDING SHALL HAVE A MINIMUM OF 6" OF TOPSOIL OVER THE ENTIRE AREAS. THE AREA SHALL BE HAND RAKED, AND DRESSED READY FOR SEEDING. NO STONE OVER 1" IN SIZE PERMITTED.

B. THE FOLLOWING SEED MIXTURE OR APPROVED EQUIVALENT SHALL BE USED:
30% KENTUCKY BLUE(VNS)
23% PALMER 1 PERENNIAL RYE
22% YORKTOWN III PERENNIAL RYE
15% CREEPING RED FESCUE
10% BARON KENTUCKY BLUEGRASS

C. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THE GRASS IS ESTABLISHED TO THE SATISFACTION OF THE MUNICIPALITY.

DRAINS

A. ALL FIELD OR STORM DRAINS WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE REPAIRED AND PROVIDED WITH UNOBSTRUCTED OUTLETS AS APPROVED AND DIRECTED BY THE MUNICIPALITY AND MARKED ON THE RECORD DRAWINGS.

CONNECTIONS TO EXISTING PIPE

A. WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO, OR TO CROSS EITHER OVER OR UNDER AN EXISTING SEWER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

UTILITY SEPARATION

A. ANY UNDERGROUND UTILITIES SUCH AS GAS, ELECTRIC, CABLE TV, TELEPHONE, ETC., SHALL HAVE 10' SEPARATION FROM ANY MUNICIPALITY UTILITY UNLESS OTHERWISE APPROVED.

UTILITIES

A. THE MAXIMUM LENGTH OF ANY UTILITY TRENCH TO BE OPEN AT ANY TIME SHALL BE 250' UNLESS OTHERWISE APPROVED.

COMPACTION METHODS

A. FLOODING SHALL NOT BE PERMITTED.

B. MECHANICAL DEVICES, HAND DEVICES, VIBRATING PLATES OR OTHER EQUIPMENT APPROVED BY THE MUNICIPALITY IS ACCEPTABLE 1' ABOVE PIPE IN UNIFORM LIFTS OF 12" (LOOSE DEPTH) OF EXISTING NATIVE MATERIAL AND 6" OF GRANULAR BACKFILL. THE HEIGHT OF LIFTS WILL DEPEND UPON THE TYPE OF MECHANICAL EQUIPMENT BEING USED. THE HEIGHT WILL BE 6" FOR HAND OPERATED TOOLS AND UP TO 12" ON EQUIPMENT MOUNTED TOOLS. THE COMPACTION EQUIPMENT SHALL BE CAPABLE OF COMPACTING THE MATERIAL UNDER THE HAUNCH OF THE PIPE.

C. JETTING IS APPROVED FOR ODOT 603, TYPE 2 GRANULAR MATERIAL ONLY AND IF A STORM DRAIN IS AVAILABLE AS A DRAINAGE OUTLET FOR THE REMOVAL OF

EXCESS WATER. A 4' MAXIMUM LIFT SHALL BE ADHERED TO. SATISFACTORY DRAINAGE SHALL BE PROVIDED BY THE USE OF DRAINAGE DITCHES, PUMPS OR OTHER EQUIPMENT. ALL WATER MUST BE METERED FOR COMPACTION METHOD.

D. DENSITY FOR THE ABOVE METHODS SHALL BE NO LESS THAN THAT OF THE SURROUNDING GROUND UNLESS OTHERWISE SPECIFIED.

DISPOSAL OF SURPLUS MATERIAL

A. THE MUNICIPALITY MAY AT THEIR DISCRETION REQUIRE THAT SURPLUS MATERIAL BE DEPOSITED AT A LOCATION DESIGNATED WITHIN A THREE-MILE RADIUS OF THE WORK SITE.

TYPICAL NOTES - ALL SUBDIVISION CONSTRUCTION DRAWINGS

A. ALL CONSTRUCTION METHODS AND MATERIALS SHALL COMPLY WITH THE MUNICIPALITY ENGINEERING STANDARDS OR ODOT WHICHEVER IS MORE RESTRICTIVE.

B. ALL COMPACTION SHALL MEET THE MUNICIPALITY REQUIREMENTS. IF TESTING OF COMPACTED AREAS IS REQUESTED BY THE MUNICIPALITY, SAID TESTING SHALL BE PERFORMED AT THE EXPENSE OF THE DEVELOPER.

C. THE MUNICIPALITY WILL LOCATE AREAS IN NEED OF UNDERCUTTING UNLESS THE DEVELOPER CHOOSES TO HAVE AT HIS EXPENSE AN INDEPENDENT APPROVED TESTING COMPANY TO DETERMINE UNSUITABLE MATERIAL AREAS THAT NEED UNDERCUTTING.

D. ALL EMBANKMENT AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF ASTM D698 STANDARD PROCTOR CURVE AND TESTED TO REPRESENT A DEPTH OF 12" UNLESS OTHERWISE SPECIFIED BY THE MUNICIPALITY.

E. ALL UNPAVED AREAS WITHIN THE STREET RIGHT-OF-WAY SHALL BE SEEDED WITHIN 48 HOURS AFTER THE CURB IS BACKFILLED. STAKED STRAW BALES MAY BE REQUIRED IN ADDITION TO SEEDING TO CONTROL EROSION IF REQUESTED BY THE MUNICIPALITY.

F. STORM WATER POLLUTION PREVENTION SHOULD BE A HIGH PRIORITY ON ALL CONSTRUCTION PROJECTS. ON ALL PROJECTS WHICH DISTURB AT LEAST 5 ACRES OF SOIL, A NPDES PERMIT IS REQUIRED FROM ODEP AND A COPY OF THE PERMIT MUST BE ON FILE AT THE MUNICIPALITY OFFICE BEFORE CONSTRUCTION BEGINS.

GENERAL NOTES

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GENERAL

A. FAILURE TO COMPLY WITH THE CONSTRUCTION STANDARDS AND DRAWINGS AND DESIGN CRITERIA MAY BE CONSIDERED A VIOLATION OF THE MUNICIPALITY'S SUBDIVISION REGULATIONS. PENALTIES MAY BE ASSESSED ACCORDING TO THE SEVERITY OF THE VIOLATION.

B. ALL STREET CONSTRUCTION SHALL BE IN ACCORDANCE WITH ODOT SPECIFICATIONS, LATEST REVISION.

C. NON-PUBLIC CONSTRUCTION IMPROVEMENTS AFFECTING THE EXISTING CONDITION, PERFORMANCE AND LIFECYCLE OF MUNICIPALITY STREETS, ALLEYS, OR RIGHTS-OF-WAY SHALL BE RESTORED TO THE REQUIREMENTS AND SATISFACTION OF THE MUNICIPALITY. ALL MUNICIPAL INFRASTRUCTURE SHALL BE ADEQUATELY RESTORED ACCORDING TO APPLICABLE STANDARDS AND DETAILS.

D. ALL NEW SUBDIVISIONS AND DEVELOPMENTS SHALL BE PROVIDED WITH PUBLIC SIDEWALKS ON BOTH SIDES OF STREETS IN ACCORDANCE WITH MUNICIPAL STANDARDS.

E. CURB CUTS FOR ALL NEW AND RECONSTRUCTED DRIVEWAYS SHALL CONFORM TO MUNICIPAL STANDARDS. ALL NEW DRIVEWAY APPROACHES SHALL BE CONSTRUCTED OF OR CONCRETE AND SUBJECT TO ALL MUNICIPAL REQUIREMENTS.

F. NO MUNICIPAL STREET OR ALLEY SHALL BE CLOSED UNLESS THE MUNICIPALITY'S NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF A NON-EMERGENCY SITUATION. ADVANCED PUBLIC NOTIFICATION AND PUBLISHING SHALL BE A MINIMUM OF 24 HOURS.

PAVEMENT REPLACEMENT

A. IMMEDIATELY AFTER PLACEMENT OF BACKFILL IN EXISTING STREETS, A TEMPORARY PAVEMENT SHALL BE INSTALLED AND THE STREET OPENED. TEMPORARY PAVEMENT SHALL CONSIST OF 8" OF COMPACTED ODOT SPECIFICATION 411 OR 307. THE SURFACE SHALL BE MAINTAINED FLUSH WITH THE EXISTING STREET.

B. PERMANENT PAVEMENT REPLACEMENT SHALL EQUAL OR EXCEED THE EXISTING PAVEMENT. (MINIMUM PAVEMENT COMPOSITION, SEE PAGE 300-2 OR 300-3).

C. ANY SETTLEMENT OF A TRENCH CAUSING A DEPRESSION SHALL BE REPAIRED AS REQUIRED BY THE MUNICIPALITY AT THE CONTRACTOR'S EXPENSE. THIS PROVISION APPLIES FOR A ONE-YEAR PERIOD AFTER WORK IS ACCEPTED BY THE MUNICIPALITY.

D. ALL TEMPORARY PAVEMENT AND SIDEWALK SHALL BE MAINTAINED BY THE CONTRACTOR OR DEVELOPER AT HIS OWN EXPENSE IN A SUITABLE AND SAFE CONDITION FOR TRAFFIC UNTIL PERMANENT REPLACEMENT IS MADE OR THE PROJECT IS FINALLY ACCEPTED BY THE MUNICIPALITY.

TRAFFIC CONTROL

A. THE CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL AT ALL TIMES WITH THE PROPER BARRICADES AS PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THESE CONTROL DEVICES SHALL BE IN PLACE PRIOR TO ANY WORK COMMENCING. CONTRACTOR WILL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL ITEMS.

B. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY.

CURB STAKING AND ROADWAY

A. LINE AND GRADE EVERY 25' ON A CONVENIENT OFFSET WITH TACKED HUBS.

PAVEMENT (ASPHALT)

A. THE CONTRACTOR SHALL PROVIDE THE MUNICIPALITY WITH A COPY OF THE NORMAL (MEDIUM TRAFFIC) ODOT 404 JOB MIX FORMULA FOR EACH PLANT THAT PROVIDES HOT MIXED ASPHALT TO THIS PROJECT. ALL MIXES SHALL FOLLOW ODOT JOB MIX FORMULA WITH THE EXCEPTION THAT THE BITUMEN CONTENT SHALL BE 0.2% HIGHER. SECTION 401.02 COMPOSITION OF THE CURRENT ODOT SPECIFICATIONS SHALL BE USED FOR ACCEPTANCE BASED ON THE INCREASED BITUMEN. A 448 OR 446 JOB MIX FORMULA WILL NOT BE ACCEPTABLE. RECYCLED ASPHALT SHALL NOT EXCEED 15% OF ANY MIX PRODUCED.

B. THREE-WHEEL STEEL ROLLER SHALL BE USED FOR INITIAL BREAKDOWN ON ALL PROJECTS.

C. ALL WORK SHALL ADHERE TO ODOT'S LATEST REVISIONS AND TO THE MUNICIPALITY'S SPECIFICATIONS WHICHEVER IS MORE STRINGENT SHALL PREVAIL UNLESS OTHERWISE APPROVED.

MISCELLANEOUS ROADWAY NOTES

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NOTES

A. THE MUNICIPALITY MUST BE NOTIFIED BEFORE ANYONE CAN PERFORM ANY WORK ON OR WITHIN A PUBLIC RIGHT-OF-WAY. (STREET, ALLEY, ETC.). NOTIFICATION IS REQUIRED FOR ANY TUNNEL, SIDEWALK, OPENING OR EXCAVATION UNDER OR IN THE RIGHT-OF-WAY PUBLIC GROUNDS.

B. THE NOTIFICATION WILL BE COMPLETED BY THE PERSON OR FIRM PLANNING THE WORK WITHIN THE RIGHT-OF-WAY. ALL APPROVALS MUST BE OBTAINED BEFORE ANY WORK IS STARTED. 72 WORKING HOUR LEAD TIME IS RECOMMENDED.

C. THE APPLICANT SHALL HAVE SUFFICIENT BARRICADES, WARNING SIGNS, AND LIGHTS DURING THE ENTIRE PERIOD THAT THE WORK IS BEING PERFORMED AND SHALL ADHERE TO APPLICABLE SECTION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

D. ALL UTILITIES ARE REQUIRED TO OBTAIN APPROVAL.

E. THE EXISTING PAVEMENT SHALL BE NEATLY CUT PRIOR TO EXCAVATION. ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE JOB SITE. THE APPLICANT IS RESPONSIBLE FOR ALL PAVEMENT DAMAGED OUTSIDE THE TRENCH AREA.

F. BACKFILLING SHALL BE IN ACCORDANCE WITH MUNICIPAL SPECIFICATIONS.

G. ALL EXCAVATIONS OR TRENCH EDGES UNDER OR WITHIN 5' OF PROPOSED OR EXISTING PAVEMENT, CURB, DRIVEWAYS, ALLEYS, STONE AREAS OR WALKS SHALL EITHER BE BACKFILLED WITH LOW STRENGTH MORTAR BACKFILL ODOT ITEM 613, TYPE 1 ONLY OR BACKFILLED WITH ODOT 603 TYPE 1 OR TYPE 2 GRANULAR MATERIAL, COMPACTED IN 6" LAYERS. A DENSITY TEST OF 98% OF ASTM D698 STANDARD PROCTOR CURVE MAYBE REQUIRED TO BE PERFORMED BY A COMMERCIAL TESTING LAB SATISFACTORY TO THE MUNICIPALITY.

H. ALL EXCAVATION OR TRENCH EDGES NOT UNDER OR WITHIN 5' OF PROPOSED OR EXISTING PAVEMENT, CURB, DRIVEWAYS, ALLEYS, STONE AREAS OR WALKS CAN BE COMPACTED EXISTING NATIVE MATERIAL IN 12" MAXIMUM LIFTS OR AS APPROVED BY THE MUNICIPALITY.

I. ALL DISTURBED AREAS MUST BE RETURNED TO AS GOOD OR BETTER CONDITION. ALL REPAIRS MUST MEET VILLAGE SPECIFICATIONS. THE VILLAGE MUST INSPECT AND APPROVE ALL REPAIRS.

J. COLD PATCH SHALL BE PLACED TO 1 1/2" THICKNESS OVER BACKFILLED TRENCH WITHIN ONE WORKING DAY AFTER THE BACKFILL HAS BEEN COMPACTED. IF THE ASPHALT PAVEMENT ISN'T PLACED IMMEDIATELY.

K. EFFORTS SHALL BE MADE TO MINIMIZE ANY DISTURBANCE TO TREES OR THIN ROOTS. EXTENSIVE EXCAVATION CAUSING DAMAGE TO TREES WILL RESULT IN THE REMOVAL AND REPLACEMENT OF, BY THE CONTRACTOR. THE REPLACEMENT SHALL BE AS PER THE MUNICIPALITY.

L. FOR CLOSURE OF ARTERIALS OR BUSY COLLECTORS THE MUNICIPALITY RESERVES THE OPPORTUNITY TO DIRECT CONTRACTOR TO TO CLOSE STREET DURING OFF-PEAK TRAFFIC HOURS. CLOSURE MAY OCCUR AT NIGHT OR ON WEEKENDS. CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL ASSOCIATED WITH ROAD CLOSURE.

M. AN ASPHALT EMULSION, OR CRACK SEALANT, WITH ASPHALT GRADE SS-1 OR CSS-1 SHALL BE APPLIED TO THE PERIMETER OF ALL PAVEMENT CUTS AFTER RESTORATION IS COMPLETED.

N. PAVEMENT THICKNESS TO BE RESTORED SHALL BE ACCORDING TO MUNICIPAL STANDARDS OR EQUAL TO THE EXISTING THICKNESS, WHICHEVER IS GREATER.

O. IN THE EVENT THAT AFTER NOTIFICATION FROM THE MUNICIPALITY, THE CONTRACTOR FAILS TO CORRECT PROBLEMS ASSOCIATED WITH POOR TRENCH MAINTENANCE, THE MUNICIPALITY RESERVES EXCLUSIVE RIGHT TO CORRECT TRENCH PROBLEMS AND BILL THE ASSOCIATED COSTS.

TRAFFIC CONTROL DEVICE NOTES

A. ALL TRAFFIC CONTROL DEVICES SHALL BE PER THE LATEST REVISION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND APPROVED BY THE MUNICIPALITY BEFORE INSTALLATION.

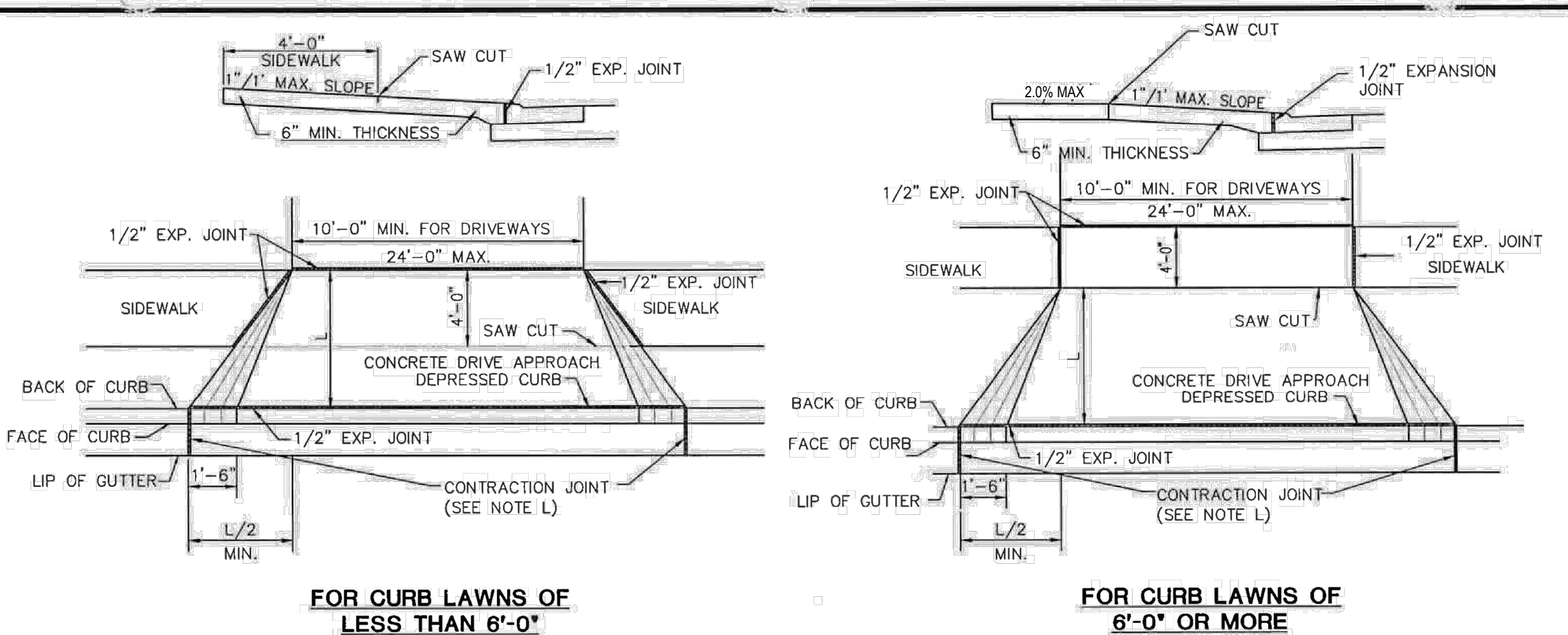
B. ALL SIGN POST SHALL BE STANDARD U-CHANNEL OR ROUND STEEL POST UPON APPROVAL BY THE MUNICIPALITY.

C. ALL STREET NAME SIGNS SHALL BE BLUE IN COLOR WITH WHITE LETTERING UNLESS OTHERWISE APPROVAL BY THE MUNICIPALITY.

D. ALL STREET NAMES, SIGNS, TRAFFIC CONTROL SIGNS, POST, AND HARDWARE ALONG WITH THEIR PROPOSED LOCATION, MUST BE APPROVED BY THE MUNICIPALITY PRIOR TO INSTALLATION.

PUBLIC RIGHT-OF-WAY OPENING AND EXCAVATION

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NOTES

A. DRIVE APPROACHES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 452 AND 499 CAST-IN-PLACE CONCRETE.

B. DRIVE APPROACHES SHALL NOT BE POURED MONOLITHICALLY WITH CURB.

C. MAXIMUM JOINT SPACING SHALL BE 10' LONGITUDINALLY, TRANSVERSELY AND AT TAPERS.

D. EXPANSION MATERIAL SHALL BE 1/2" PREMOLDED.

E. COMPACTED GRAVEL SHALL BE PLACED UNDER DRIVE APPROACHES IF DETERMINED NECESSARY BY THE MUNICIPALITY.

F. PROVIDE BROOM FINISH AND EDGING TO ALL EXPOSED SURFACES.

G. WHERE CURB AND GUTTER HAS NOT BEEN PROPERLY DROPPED AT DRIVE APPROACHES, THE CURB SHALL BE ENTIRELY REMOVED AND REPLACED BY THE CONTRACTOR OR OWNER AS DIRECTED BY THE MUNICIPALITY.

H. JOINTS SHALL BE CLEANED AND EDED BY A 1/4" RADIUS EDGER. LONGITUDINAL JOINTS SHALL BE AS DIRECTED BY THE MUNICIPALITY. EXPANSION JOINTS SHALL BE OF SUCH DIMENSIONS AS SHOWN ON STANDARD DRAWINGS FOR CONSTRUCTION JOINTS.

I. WHERE ASPHALTIC CONCRETE PAVEMENT IS DISTURBED, THE ASPHALT SHALL BE REPLACED AS DIRECTED BY THE MUNICIPALITY.

J. CONCRETE SHALL BE ODOT CLASS C (4000 PSI, 600 LB/CY) CEMENT. PROPORTIONING OPTIONS 1 AND 2 NOT ALLOWED.

K. CONCRETE SHALL CONTAIN 6% ± 1% OF TOTAL AIR.

L. IF CURB IS REMOVED AND REPLACED DURING DRIVEWAY CONSTRUCTION, JOINTS BETWEEN EXISTING AND NEW CURB ARE TO BE 1/2" EXPANSION JOINTS.

RESIDENTIAL DRIVE APPROACH

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NOTES

- A. ALL STORM SEWER CONSTRUCTION SHALL ADHERE TO ODOT SPECIFICATIONS LATEST REVISION OR WITH THE MUNICIPALITY STORM SEWER SPECIFICATIONS, WHICHEVER IS APPLICABLE AND MORE RESTRICTIVE.
- B. PIPE MASTIC IS REQUIRED ON ALL NON O-RING STORM SEWER AND MANHOLES, UNLESS OTHERWISE APPROVED.
- C. WHEN A CASTING IS ABANDONED IT REMAINS MUNICIPALITY PROPERTY.
- D. ANY DETAILS OR NOTES NOT DIRECTLY ADDRESSED IN THESE ENGINEERING STANDARDS WILL BE REFERRED TO ODOT STANDARD DRAWINGS AND SPECIFICATIONS.
- E. ALL STORM SEWER SHALL BE INSTALLED USING A LASER FOR GRADE AND ALIGNMENT.

UTILITY STAKING

- A. OFFSET AND GRADE AT EACH MANHOLE, CATCH BASIN, AND OTHER STRUCTURES, OFFSET AND GRADE 50' AND 100' OUT FROM EACH MANHOLE UNLESS OTHERWISE APPROVED.

PIPE

- A. ALL STORM SEWER PIPE SHALL HAVE A MINIMUM DIAMETER OF 12", UNLESS OTHERWISE APPROVED.
- B. TYPES OF PIPE PERMITTED

UP TO 30" DIAMETER	ODOT MATERIALS NUMBER
REINFORCED CONCRETE PIPE	706.02
REINFORCED CONCRETE ELLIPTICAL PIPE	706.04
CORRUGATED POLYETHYLENE SMOOTH-LINED PIPE	707.33
POLYVINYL CHLORIDE PROFILE WALL PIPE	707.43
POLYVINYL CHLORIDE SOLID WALL PIPE	707.45

OVER TO 30" DIAMETER	ODOT MATERIALS NUMBER
REINFORCED CONCRETE PIPE	706.02
REINFORCED CONCRETE ELLIPTICAL PIPE	706.04

EXISTING TILE HOOKUPS

- A. THE DRAINAGE TILE CURRENTLY CONNECTED TO THE EXISTING STORM SEWER SHALL BE CONNECTED TO THE PROPOSED STORM SEWER. ANY DRAINAGE TILE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION. ALL THE REMOVED, REPLACED, AND/OR CONNECTED TO THE STORM SEWER SHALL BE NOTED ON THE AS-BUILT DRAWINGS AND SHALL BE INSPECTED BY THE INSPECTOR BEFORE THEY ARE COVERED.

- B. ALL FIELD OR STORM DRAINS WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS OR PLUGGED AS APPROVED AND DIRECTED BY THE MUNICIPALITY.

STORM SEWER LATERALS

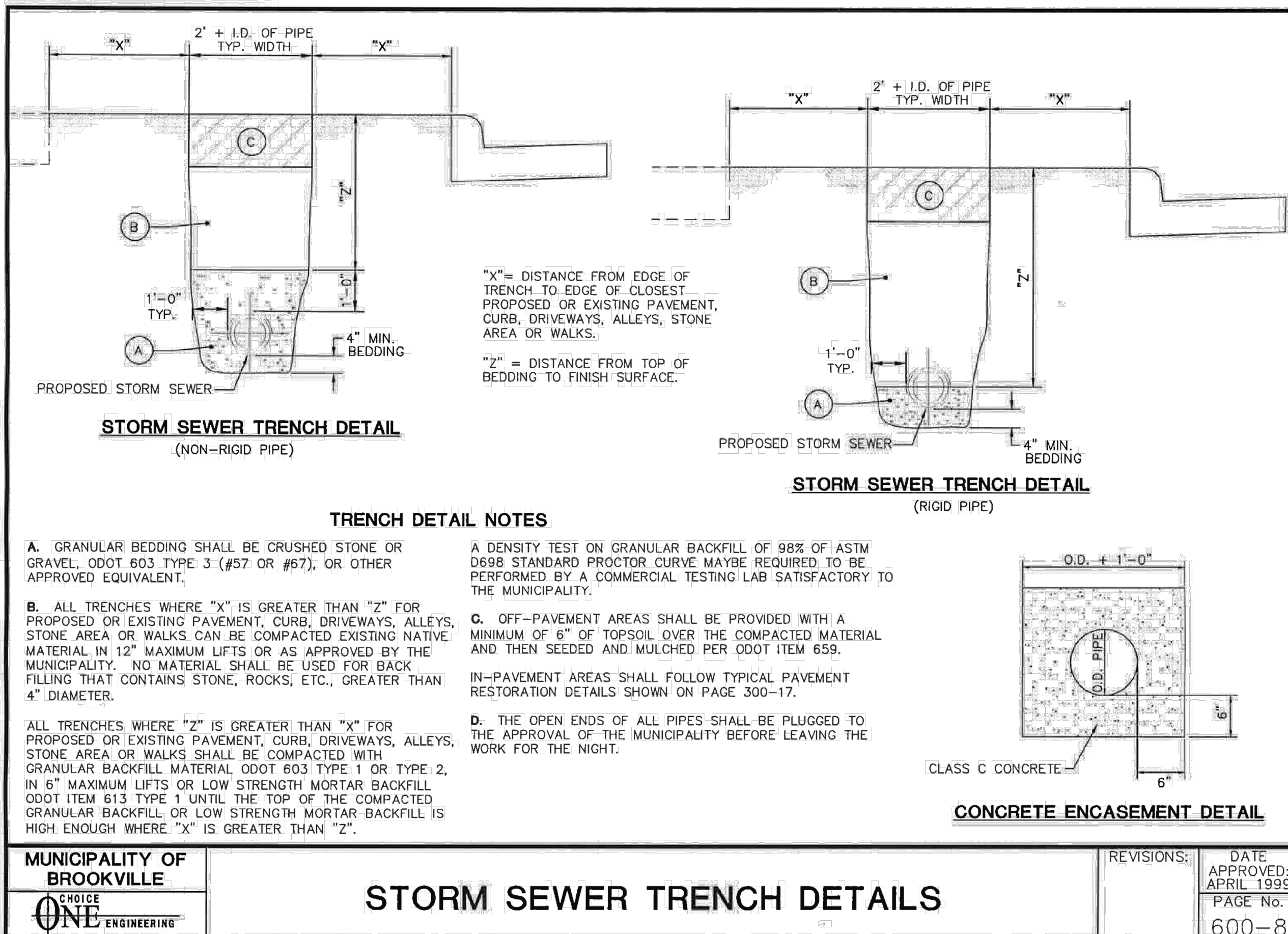
- A. IN ALL NEW CONSTRUCTION IMPROVEMENT PROJECTS FOR DEVELOPMENTS, STORM SEWER LATERALS MUST BE PROVIDED TO 5' BEYOND THE RIGHT-OF-WAY OR EASEMENT LINE, WHICH EVER IS FURTHER, FOR ALL LOTS.

- B. STORM SEWER LATERALS MUST BE AT A DEPTH TO ALLOW FOR CONNECTION OF DOWN SPOUTS, SUMP PUMPS AND OTHER ON-SITE DRAINAGE NEEDS.

SUMP PUMP CONNECTIONS

- A. ALL SUMP PUMPS MUST BE CONNECTED TO THE NEAREST AVAILABLE STORM SEWER, CATCH BASIN OR MANHOLE.

- B. SUMP PUMP OUTLETS WILL NOT BE ALLOWED TO DRAIN OVER OR THROUGH THE CURB.



MISCELLANEOUS STORM NOTES

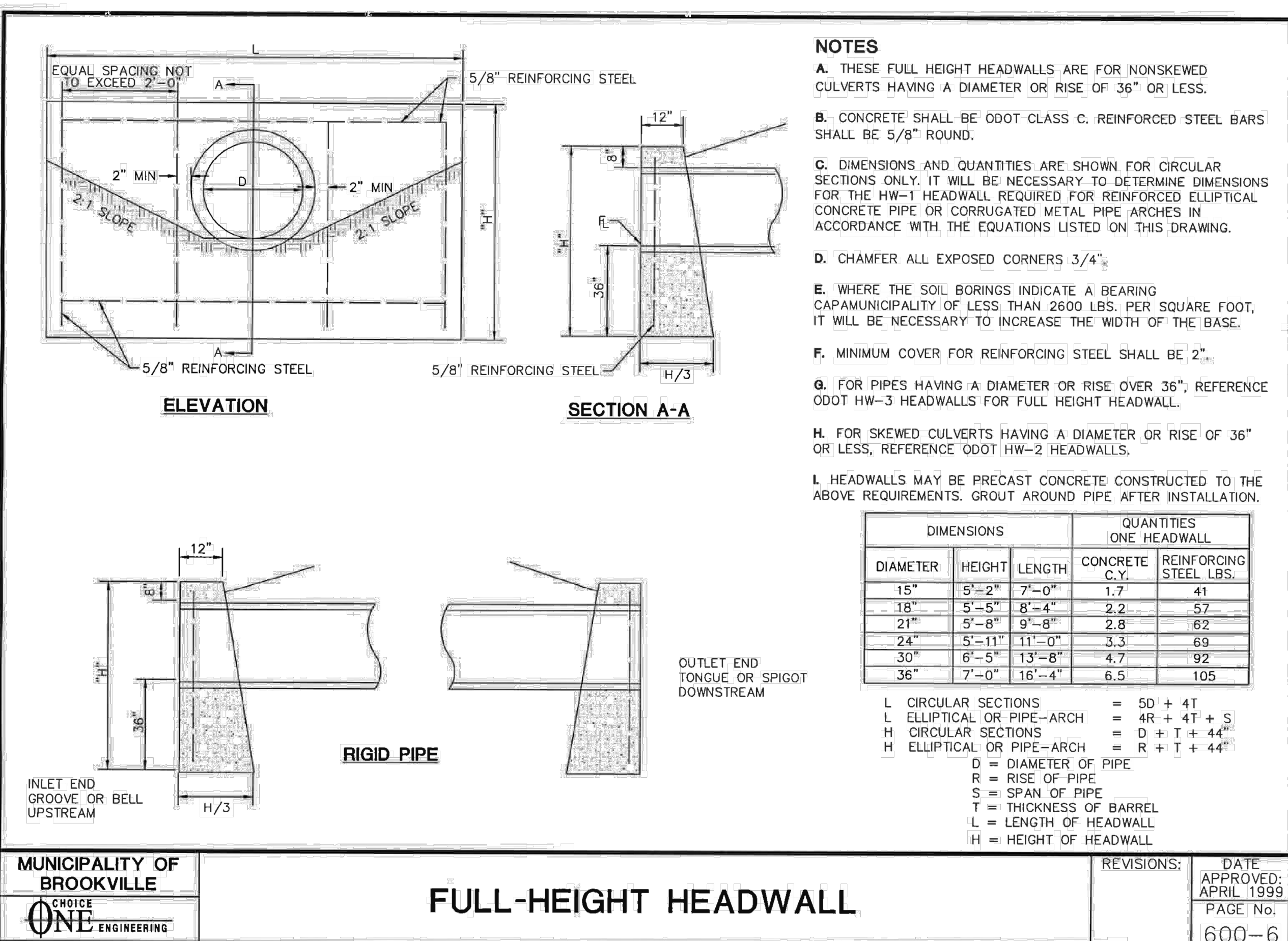
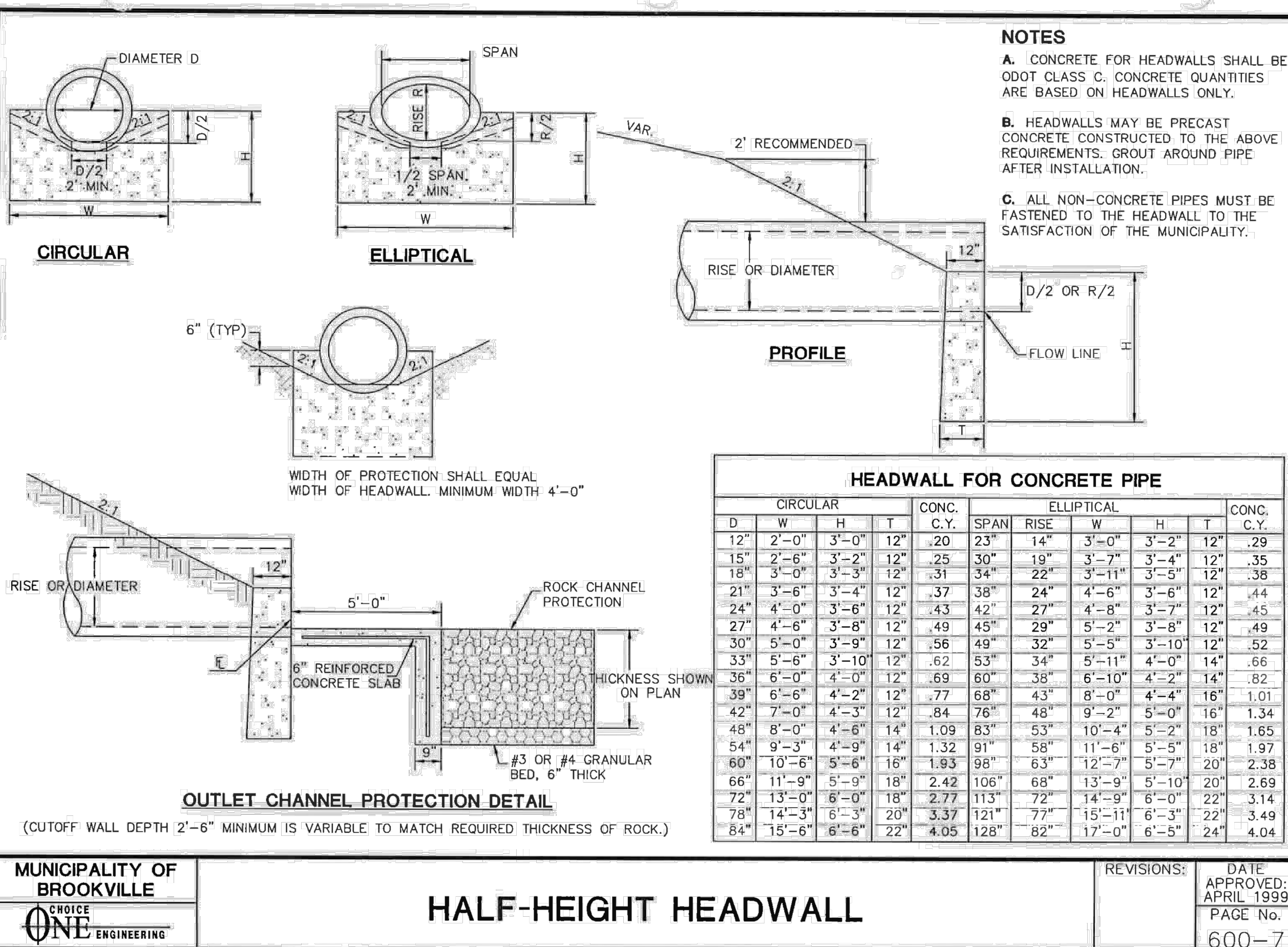
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STORM SEWER TRENCH DETAILS

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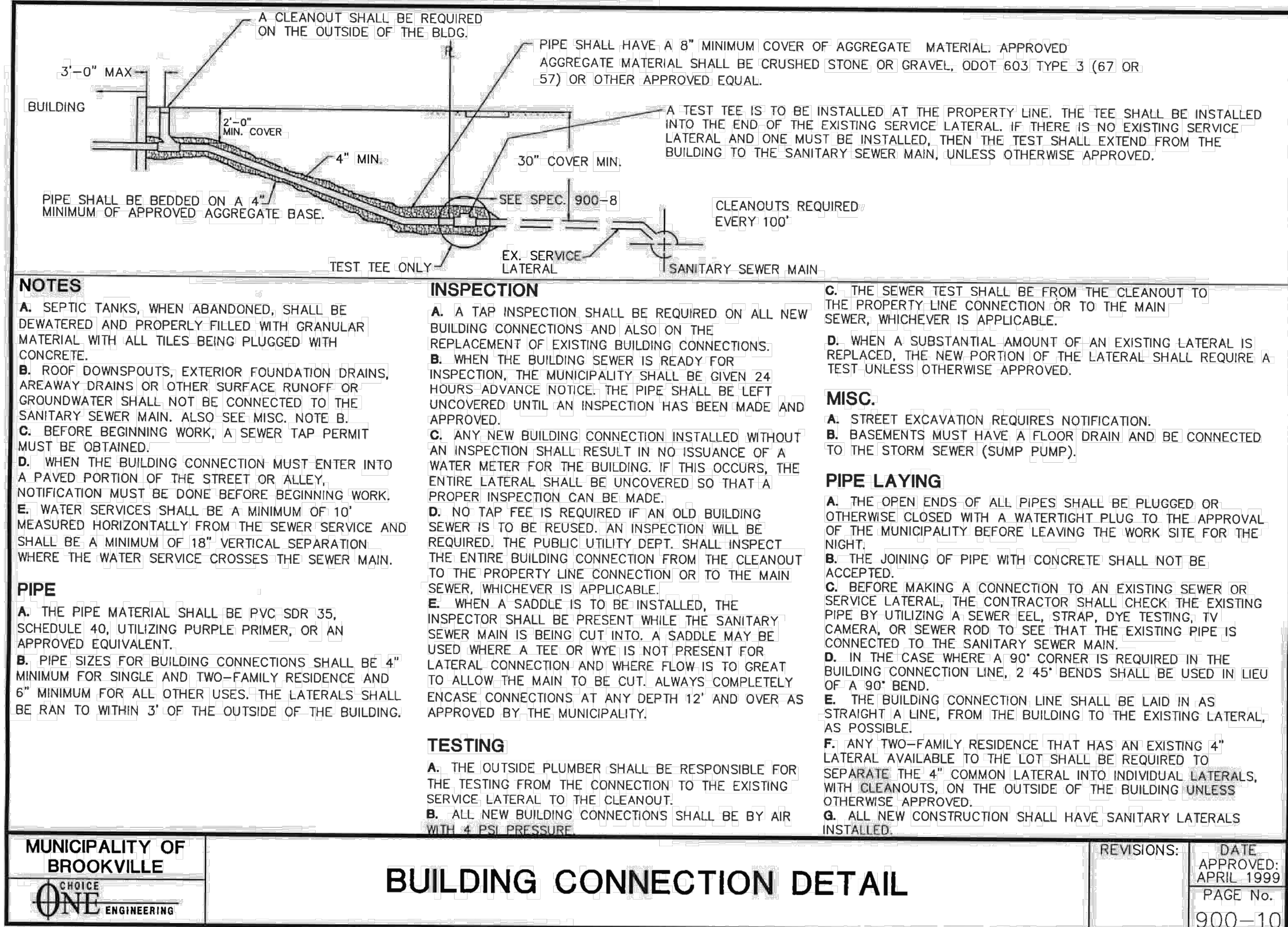
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FULL-HEIGHT HEADWALL

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LOW PRESSURE AIR TEST

A. AFTER BACKFILLING, THE AIR TEST SHALL BE CONDUCTED BETWEEN TWO CONSECUTIVE MANHOLES. ALL PIPE OUTLETS MUST BE PLUGGED IN THE SECTION BEING TESTED WITH SUITABLE TEST PLUGS. ONE OF THE PLUGS USED AT A MANHOLE MUST BE TAPPED AND EQUIPPED FOR AN AIR INLET CONNECTION FOR FILLING THE LINE FROM THE AIR COMPRESSOR. AIR SHALL BE SUPPLIED SLOWLY TO THE TEST SECTION UNTIL THE INTERNAL PRESSURE REACHES APPROXIMATELY 4 PSI. IF THE PIPE IS BELOW EXISTING GROUNDWATER LEVEL, THE INTERNAL PRESSURE SHALL BE INCREASED BY THE AVERAGE BACK PRESSURE OF ANY GROUNDWATER THAT MAY BE OVER THE PIPE, BUT IN NO CASE SHOULD THE INTERNAL PRESSURE EVER EXCEED 5 PSI.

B. AT LEAST 2 MINUTES SHALL BE ALLOWED FOR THE AIR PRESSURE TO STABILIZE. WHEN THE PRESSURE HAS STABILIZED AND IS AT OR ABOVE 3.5 PSI, THE AIR SUPPLY SHALL BE DISCONNECTED AND TIMING SHALL BEGIN WITH A STOP WATCH. THE STOP WATCH SHALL BE ALLOWED TO RUN UNTIL THE PRESSURE HAS DROPPED 1.0 PSI. IF THE TIME SHOWN ON THE STOP WATCH IS GREATER THAN THE SPECIFIED MINIMUM TIME, THE SECTION SHALL BE CONSIDERED TO HAVE PASSED THE TEST. TIME MAY BE INTERPOLATED FROM THE FIGURES LISTED BELOW.

PIPE DIA. (IN.)	100 FT.	150 FT.	200 FT.	250 FT.	300 FT.
4	1:53	1:53	1:53	1:53	1:53
6	2:50	2:50	2:50	2:50	2:50
8	3:47	3:47	3:47	3:47	3:48
10	4:43	4:43	4:43	4:57	5:56
12	5:40	5:40	5:42	7:08	8:33
15	7:05	7:05	8:54	11:08	13:21
18	8:30	9:37	12:49	16:01	19:41
21	9:55	13:05	17:27	21:49	26:11
24	11:24	17:57	22:48	28:30	34:11

SPECIFICATION TIME FOR LENGTH (L) SHOWN (MIN-SEC)

DEFLECTION TEST

A. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE OTHER THAN SERVICE LATERALS. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM.

B. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF DEFLECTION EXCEEDS 5%, REPLACEMENT OR CORRECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE REQUIREMENTS OF APPROVING AGENCY.

C. THE RIGID BALL OR MANDREL USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE DEPENDING ON WHICH IS MANUFACTURED. THE PIPE SHALL BE MEASURED IN COMPLIANCE WITH ASTM D-2122 STANDARD TEST METHOD OF DETERMINING DIMENSIONS OF THERMOPLASTIC PIPE AND FITTINGS. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

ALL SANITARY SEWER TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR.

MANHOLE VACUUM TEST

ALL SANITARY SEWER MANHOLES SHALL BE VACUUM TESTED USING THE FOLLOWING PROCEDURES FROM ASTM C-1244.

A. PREPARATION OF THE MANHOLE

1. ALL LIFT HOLES SHALL BE PLUGGED.
2. ALL PIPES ENTERING THE MANHOLE SHALL BE TEMPORARILY PLUGGED TAKING CARE TO SECURELY BRACE THE PIPES AND PLUGS TO PREVENT THEM FROM BEING DRAWN INTO THE MANHOLE.

B. PROCEDURE

1. THE FIRST HEAD SHALL BE PLACED AT THE TOP OF THE MANHOLE IN THE CASTING IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

2. A VACUUM OF 10" OF MERCURY (4.9 PSI) SHALL BE DRAWN ON THE MANHOLE, THE VALVE ON THE VACUUM LINE OF THE TEST HEAD CLOSED, AND THE VACUUM PUMP SHUT OFF. THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9" OF MERCURY (4.9 PSI).

3. THE MANHOLE SHALL PASS IF THE TIME FOR THE VACUUM READING TO DROP FROM 10" OF MERCURY (4.9 PSI) TO 9" OF MERCURY (4.9 PSI) MEETS OR EXCEEDS THE VALUES INDICATED ON THE TABLE.

4. IF THE MANHOLE FAILS THE INITIAL TEST, NECESSARY REPAIRS SHALL BE MADE BY AN APPROVED METHOD. THE MANHOLE SHALL THEN BE RETESTED UNTIL A SATISFACTORY TEST IS OBTAINED.

DEPTH (FT.)	DIAMETER, INCHES		
	48	60	72
8 OR LESS	20	26	33
10	25	33	41
12	30	39	49
14	35	46	57
16	40	52	67
18	45	59	73
20	50	65	81
22	55	72	89
24	59	78	97
26	64	85	105
28	69	91	113
30	74	98	121

MINIMUM TEST TIMES FOR VARIOUS MANHOLE DIAMETERS

MUNICIPALITY OF BROOKVILLE
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SANITARY SEWER TESTING NOTES

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NOTES

A. NO WORK SHALL BE APPROVED OR ACCEPTED BY THE MUNICIPALITY UNLESS 2 WORKING DAY'S NOTICE OF COMMENCING WORK IS GIVEN TO THE MUNICIPALITY.

B. ALL TEMPORARY PAVEMENT AND SIDEWALK SHALL BE MAINTAINED BY THE CONTRACTOR OR DEVELOPER AT HIS OWN EXPENSE IN A SUITABLE AND SAFE CONDITION FOR TRAFFIC UNTIL PERMANENT REPLACEMENT IS MADE OR THE PROJECT IS FINALLY ACCEPTED BY THE MUNICIPALITY.

C. ROOF DRAINS, FOUNDATION DRAINS, SUMP PUMPS, AND OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

D. WHEN SEWER CONSTRUCTION BEGINS, THE SEWER AT THE EXISTING MANHOLE SHALL BE PLUGGED BY AN APPROVED METHOD. NO PLUGS SHALL BE REMOVED UNTIL CONSTRUCTION IS COMPLETED AND THEN ONLY AS DIRECTED BY THE MUNICIPALITY.

E. RECONSTRUCTION OF SANITARY SEWERS SHALL INCLUDE THE MUNICIPALITY DYE TESTING AS DETERMINED BY THE MUNICIPALITY OF ALL PIPES TO BE CONNECTED TO THE NEW SEWER PRIOR TO BACKFILLING. TO DETERMINED IF ALL EXISTING SERVICES ARE CONNECTED AND ALL STORM WATER CONNECTIONS ARE ELIMINATED.

F. WHEN A CASTING OR OTHER PUBLIC PROPERTY IS ABANDONED IT REMAINS MUNICIPALITY PROPERTY.

G. NEW SEWERS MUST HAVE EPA PLAN APPROVAL.

EXCAVATION AND PIPE LAYING

A. THE LAYING OF THE PIPE SHALL COMMENCE AT THE LOWEST POINT, WITH THE BELL END LAID UPGRADE. THE PIPE SHALL BE CENTERED IN THE TRENCH AND ALL PIPE SHALL BE LAID WITH ENDS ABUTTING AND TRUE TO LINE AND GRADE.

B. LASER SHALL BE USED UNLESS OTHERWISE APPROVED.

UTILITY STAKING

A. LASER METHOD - OFFSET AND GRADE AT EACH MANHOLE. OFFSET AND GRADE 50' AND 100' OUT FROM EACH MANHOLE UNLESS OTHERWISE APPROVED.

TESTING

A. BEFORE ANY SEWER LINE IS PLACED INTO SERVICE OR ACCEPTED BY THE MUNICIPALITY, IT SHALL BE SUBJECTED TO AND PASS LOW PRESSURE AIR TEST. EACH RUN BETWEEN MANHOLES, WITH ALL SERVICE LATERALS STUBBED INTO PROPERTY LINES, SHALL BE TESTED BEFORE BEING ACCEPTED. THE CONTRACTOR OR DEVELOPER SHALL FURNISH ALL EQUIPMENT AND MATERIAL NECESSARY TO CONDUCT ALL SANITARY SEWER TESTING. THE TRENCH SHALL BE COMPLETELY BACKFILLED BEFORE TESTING.

B. SEE SANITARY TESTING NOTES.

C. BEFORE FINAL ACCEPTANCE BY THE MUNICIPALITY AND BEFORE ANY SERVICE LINE IS PUT INTO USE, ALL SANITARY SEWERS AND MANHOLES SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATTER BY USE OF A SEWER-JET, OR EQUAL, TYPE OF EQUIPMENT.

HOUSE CONNECTIONS

A. NO SERVICE LINE SHALL BE ALLOWED TO CONNECT DIRECTLY INTO A MANHOLE, SUBJECT TO APPROVAL BY THE MUNICIPALITY IN SPECIFIC CASES.

B. THE ENDS OF ALL SERVICE LINES OR TEES SHALL BE ACCURATELY STAKED, LOCATED, MAPPED, AND GIVEN TO THE MUNICIPALITY WITHIN 15 DAYS AFTER INSTALLATION.

C. BEFORE MAKING A CONNECTION TO AN EXISTING SEWER TAP OR SEWER LATERAL, THE CONTRACTOR SHALL CHECK THE EXISTING PIPE BY UTILIZING A SEWER EEL, STRAP, OR SEWER CAMERA TO SEE THAT THE EXISTING PIPE IS CONNECTED TO THE MAIN SEWER. IF NECESSARY, THE MUNICIPALITY WILL PROVIDE, AT THE CONTRACTOR'S EXPENSE, A HYDRAULIC SEWER CLEANER WHICH WILL PRODUCE LARGE VOLUMES OF WATER TO CHECK THE LATERAL.

D. LATERALS FROM THE MAIN TO THE PROPERTY LINE SHALL BE 4" MINIMUM WITH CLEANOUT AT THE PROPERTY LINE.

E. A PERMIT TO OPEN INTO, ALTER, OR DISTURB ANY PUBLIC SEWER MUST BE OBTAINED.

F. ALL ABANDONED SEWER LATERALS SHALL BE CAPPED AT THE OWNER'S EXPENSE. AN INSPECTION SHALL BE MADE AND THE CAPS STAKED.

PIPE

A. ALL PIPE AND SPECIALS SHALL BE PVC SDR-35 UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY. MINIMUM DIAMETER OF PIPE SHALL BE 8".

B. DUCTILE IRON PIPE WILL BE USED IN STREAM CROSSINGS AND WHERE MINIMUM SEPARATION CAN NOT BE MAINTAINED.

C. ALL JOINTS SHALL BE OF THE BELL AND SPIGOT TYPE, THE BELLS BEING FORMED INTEGRALLY WITH THE PIPE. THE BELL SHALL CONTAIN A FACTORY INSTALLED ELASTOMERIC GASKET WHICH IS POSITIVELY RETAINED. NO SOLVENT CEMENT JOINTS WILL BE PERMITTED IN FIELD CONSTRUCTION EXCEPT AS SPECIFICALLY AUTHORIZED BY THE MUNICIPALITY.

FLEXIBLE PIPES	MATERIAL SPECIFICATIONS	JOINT SPECIFICATIONS
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POLYVINYL CHLORIDE ASTM D-3034 (SDR-35) PIPE STIFFNESS = 46PSI ELASTOMERIC GASKET ASTM D-3212

DUCTILE IRON ANSI A-21.51 & AWWA C-151 ANSI A-21.11 & AWWA C-111

1. SDR = OUTSIDE DIAMETER DIVIDED BY WALL THICKNESS.

2. THE SPECIFICATIONS ABOVE SHALL BE THOSE MOST RECENTLY ADOPTED BY THE APPROPRIATE STANDARDS SETTING ORGANIZATIONS.

MUNICIPALITY OF BROOKVILLE
CHOICE ONE ENGINEERING

MISCELLANEOUS SANITARY SEWER NOTES

REVISIONS: DATE APPROVED: APRIL 1999
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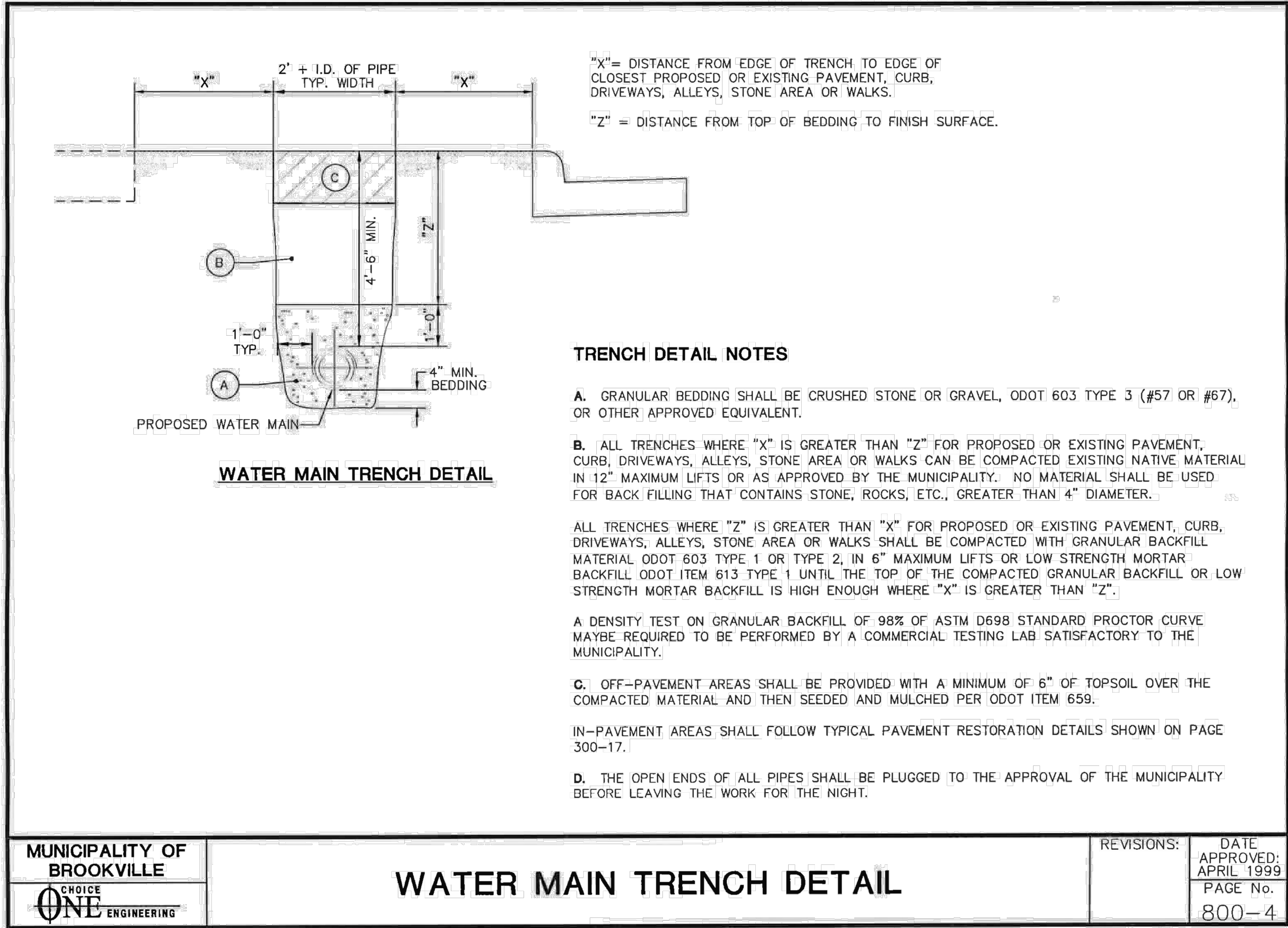
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HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

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MATERIAL SPECIFICATIONS

- A. WATER MAIN SHALL BE, AWWA C-151 DUCTILE IRON PIPE CLASS 51, SUP-ON JOINTS WITH RUBBER GASKETS
- B. BELL JOINT RESTRAINTS - FOR PVC, USE EBAA IRON SERIES 1500 OR EQUIVALENT. FOR DIP, USE FIELD LOCK BY US PIPE OR APPROVED EQUIVALENT.
- C. MECHANICAL JOINT RESTRAINTS - EBAA IRON MEGALUG RETAINER GLAND OR EQUIVALENT.
- D. FIRE HYDRANTS - SEE 800-1
- E. GATE VALVES - AWWA C-509, RESILIENT WEDGE, NON-RISING STEM, MECHANICAL JOINT, 150 PSI WORKING PRESSURE, COW TO OPEN, WITH ARROW INDICATING OPEN DIRECTION.
- F. VALVE BOXES - 3-PIECE CAST IRON 6" DIAMETER NOMINAL, ADJUSTABLE SCREW TYPE, COVER MARKED "WATER", DOMESTIC MADE ONLY.

- G. DISINFECTION OR STERILIZATION OF NEW MAINS AND SERVICES, AS REQUIRED BY THE OEPA, SHALL BE COORDINATED THROUGH AND SUPERVISED BY THE SUPERINTENDENT OF THE SERVICE DEPARTMENT OR HIS DESIGNEE. THE SUPERINTENDENT RESERVES THE RIGHT TO REQUIRE STRICTER CHLORINE RESIDUAL REQUIREMENTS ON A CASE-BY-CASE BASIS.

AVG. TEST PRESSURE (PSI) BAR	ALLOWABLE LEAKAGE PER 1000 FT. (305M) OF PIPELINE (GPH+)															
	NOMINAL PIPE DIAMETER- INCHES															
450(31)	0.48	0.64	0.95	1.27	1.59	1.91	2.23	2.55	2.87	3.18	3.82	4.78				
400(28)	0.45	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.60	4.50				
350(24)	0.42	0.56	0.84	1.12	1.40	1.69	1.97	2.25	2.53	2.81	3.37	4.21				
300(21)	0.39	0.52	0.78	1.04	1.30	1.56	1.82	2.08	2.34	2.60	3.12	3.90				
275(19)	0.37	0.50	0.75	1.00	1.24	1.49	1.74	1.99	2.24	2.49	2.99	3.73				
250(17)	0.36	0.47	0.71	0.95	1.19	1.42	1.66	1.90	2.14	2.37	2.85	3.56				
225(16)	0.34	0.45	0.68	0.90	1.13	1.35	1.58	1.80	2.03	2.25	2.70	3.38				
200(14)	0.32	0.43	0.64	0.85	1.06	1.28	1.48	1.70	1.91	2.12	2.55	3.19				
175(12)	0.30	0.40	0.59	0.80	0.99	1.19	1.39	1.59	1.79	1.98	2.38	2.98				
150(10)	0.28	0.37	0.55	0.74	0.92	1.10	1.29	1.47	1.66	1.84	2.21	2.76				

MUNICIPALITY OF BROOKVILLE
CHOICE ONE ENGINEERING

WATER MAIN MATERIAL AND TESTING

REVISIONS: DATE APPROVED: APRIL 1999
PAGE No. 800-5

NOTES

- A. NO WORK SHALL BE APPROVED OR ACCEPTED BY THE MUNICIPALITY UNLESS 2 WORKING DAYS NOTICE OF COMMENCING WORK IS GIVEN TO THE MUNICIPALITY.
- B. ALL TEMPORARY PAVEMENT AND SIDEWALK SHALL BE MAINTAINED BY THE CONTRACTOR OR THE DEVELOPER AT HIS OWN EXPENSE IN A SUITABLE AND SAFE CONDITION FOR TRAFFIC UNTIL PERMANENT REPLACEMENT IS MADE OR THE PROJECT IS FINALLY ACCEPTED BY THE MUNICIPALITY.
- C. THE MINIMUM LENGTH OF PIPE NIPPLES SHALL BE 18".
- D. ALL CUSTOMERS SHALL MEET BACKFLOW PREVENTION REQUIREMENTS AS PER STATE OF OHIO AND EPA REGULATIONS AND MUNICIPAL ORDINANCE.
- E. ALL WATERLINE CONSTRUCTION SHALL FOLLOW THE MUNICIPAL STANDARDS, OHIO DEPARTMENT OF TRANSPORTATION ITEM 638, AND AWWA STANDARDS WHICHEVER IS MORE RESTRICTIVE AS DETERMINE BY THE MUNICIPALITY.
- F. OPERATION OF MUNICIPALITY FIRE HYDRANTS, VALVES, METERS, SERVICES, STOPS, AND ALL OTHER MECHANICAL INFRASTRUCTURE ITEMS IS STRICTLY PROHIBITED.
- G. ALL WATERMAINS SHALL HAVE A MINIMUM DEPTH OF 4'-6" AND A MAXIMUM DEPTH OF 6'-0" FROM TOP OF PIPE TO SURFACE UNLESS APPROVED BY MUNICIPALITY.

PIPE

A. ALL PIPE FITTINGS SHALL BE DUCTILE IRON.	
B.	
WATER MAIN MINIMUM SIZE UNLESS OTHERWISE APPROVED	
RESIDENTIAL	8"
COMMERCIAL	10"
INDUSTRIAL	12"
BASED ON A WATERMAIN DESIGN THE MUNICIPAL MAY APPROVE A 6" MINIMUM FOR RESIDENTIAL	

- C. ALL PIPE SHALL BE DIP, CLASS 51, AWWA C-151.
- D. DEADENDS NOT PERMITTED UNLESS THEY ARE DEEMED NECESSARY BY THE MUNICIPAL ENGINEER AFTER A REVIEW OF A WATERMAIN DESIGN, WHEN APPROVED THEY SHALL BE TERMINATED WITH A FIRE HYDRANT AT THE END.

MUNICIPALITY OF BROOKVILLE
CHOICE ONE ENGINEERING

MISCELLANEOUS WATER NOTES

REVISIONS: DATE APPROVED: APRIL 1999
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EXCAVATION AND PIPE LAYING

- A. THE OPEN ENDS OF ALL PIPES SHALL BE PLUGGED OR OTHERWISE CLOSED WITH A WATERTIGHT PLUG TO THE APPROVAL OF THE VILLAGE BEFORE LEAVING THE WORK FOR THE NIGHT AND AT OTHER TIMES OF INTERRUPTION OF THE WORK.

FITTINGS, VALVES AND HYDRANTS

- A. FITTINGS OR SPECIALS IN SIZES 2" THROUGH 48" SHALL CONFORM TO ALL REQUIREMENTS OF ANSI A-21.10 (AWWA C-153). FITTINGS AND SPECIALS 12" AND SMALLER SHALL BE CLASS 250. LARGER FITTINGS AND SPECIALS SHALL BE CLASS 150. FITTINGS AND SPECIALS SHALL HAVE MECHANICAL JOINTS AND SHALL BE DUCTILE IRON.

B. MAXIMUM SPACING UNLESS OTHERWISE APPROVED		
	HYDRANTS	VALVES
SINGLE & TWO FAMILY RESIDENTIAL	500'	800'
INDUSTRIAL, COMMERCIAL & MULTI-FAMILY	300'	500'

- C. ALL TEE'S AND CROSSES SHALL BE VALVED IN EACH DIRECTION UNLESS OTHERWISE APPROVED.

- D. NO VALVE SHALL BE OPERATED BY PERSONNEL OTHER THAN A REPRESENTATIVE EMPLOYED BY THE MUNICIPALITY.

UTILITY STAKING

- A. OFFSETS EVERY 25' ON CURVES, OFFSETS EVERY 100' ON STRAIGHT SECTIONS. FLOW LINE OF WATER MAIN (CUT) MARKED EVERY 100' AND OFFSETS SHALL BE CLEARLY MARKED.

TESTING

- A. TESTING OF FIRE SUPPRESSION LINES AND SYSTEMS SHALL ADHERE TO TH REQUIREMENTS OF THE MUNICIPALITY'S DIVISION OF FIRE AND ALL APPLICABLE STATE CODE.

HYDROSTATIC TEST

- A. AFTER THE PIPE HAS BEEN LAID AND BACKFILLED, ALL NEWLY LAID PIPE OR VALVED SECTION, SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE AND LEAKAGE TEST. ALL WATER MAINS MUST BE HYDROSTATICALLY TESTED (AWWA C-600). THE TESTS MUST BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF THE MUNICIPALITY OF GERMANTOWN. THE LEAKAGE TEST PRESSURE SHALL BE NOT LESS THAN 150 PSI. THE DURATION OF THE LEAKAGE TEST SHALL NOT BE LESS THAN 2 HOURS. HYDROSTATIC PRESSURE SHALL BE APPLIED BY MEANS OF A PUMP TAKING WATER FROM AN AUXILIARY SUPPLY. ALL PIPING MUST BE PROPERLY FILLED AND FLUSHED TO DISPEL ALL AIR BEFORE THE TEST IS MADE USING POTABLE WATER. TESTING REQUIREMENTS FOR FIRE SUPPRESSION SYSTEMS SHALL BE IN ACCORDANCE TO THE REQUIREMENT OF THE MUNICIPALITY'S DIVISION OF FIRE.

- B. LEAKAGE IS DEFINED AS THE QUANTITY OF WATER TO BE SUPPLIED INTO THE NEWLY LAID PIPE, OR ANY VALVED SECTION THEREOF, NECESSARY TO MAINTAIN THE SPECIFIED LEAKAGE TEST PRESSURE AFTER THE PIPE HAS BEEN FILLED WITH WATER AND THE AIR EXPELLED.

- C. NO PIPE INSTALLATION WILL BE ACCEPTED IF THE LEAKAGE EXCEEDS THE LEAKAGE DETERMINED BY THE FOLLOWING FORMULA: $L = \frac{n \cdot D \cdot \sqrt{P}}{7400}$

WHERE: n = NUMBER OF PIPE JOINTS

D = PIPE DIAMETER

P = TEST PRESSURE

L = ALLOWABLE LEAKAGE PER HOUR

THE FOLLOWING TABLE REPRESENTS THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.

- D. DURING THE HYDROSTATIC TEST, A THOROUGH EXAMINATION OF ALL PIPING, FITTINGS, VALVES, HYDRANTS, ETC. SHALL BE PERFORMED. LEAKING JOINTS SHALL BE TIGHTENED AND CRACKED OR OTHERWISE DEFECTIVE MATERIAL SHALL BE REMOVED AND REPLACED AND THE TEST SHALL BE REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED.

DISINFECTION

- A. AFTER SATISFACTORY HYDROSTATIC TESTING, THE COMPLETED WATER WORK SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-651.

- B. DISINFECTION OR STERILIZATION OF NEW MAINS AND SERVICES, AS REQUIRED BY THE OEPA, SHALL BE COORDINATED THROUGH AND SUPERVISED BY THE SUPERINTENDENT OF THE SERVICE DEPARTMENT OR HIS DESIGNEE. THE SUPERINTENDENT RESERVES THE RIGHT TO REQUIRE STRICTER CHLORINE RESIDUAL REQUIREMENTS ON A CASE-BY-CASE BASIS.

- C. MAINTAIN PIPES FREE OF DIRT AND FOREIGN MATTER DURING CONSTRUCTION BY DEWATERING TRENCH AND SEALING OPEN PIPE BARRELS. SWAB EACH LENGTH OF PIPE AS IT IS INSTALLED. UPON COMPLETION OF MAIN, ISOLATE MAIN SEGMENTS AND FLUSH PIPE AT 2 FPS VELOCITY.

- D. STERILIZE MAIN IN ACCORDANCE WITH AWWA C-651. INJECT 3% TO 5% HYPOCHLORITE SOLUTION TO PROVIDE 50 TO 60 MG PER LITER CONCENTRATION IN MAIN. CHLORINE MAY BE PLACED IN EACH SECTION OF PIPE AT THE TIME OF INSTALLATION. SAMPLE WATER AT EACH HYDRANT OR IF NO HYDRANT IS AVAILABLE, AT A TAP IN THE PROPOSED LINE. ANALYZE SAMPLE USING DPD REAGENT TO VERIFY FREE CHLORINE CONCENTRATION. MAINTAIN CONCENTRATION IN MAIN FOR 48 HOURS. SAMPLE HYDRANTS AT COMPLETION OF STERILIZATION VERIFYING MINIMUM CHLORINE RESIDUAL OF 20 MG PER LITER.

- E. FLUSH CHLORINE SOLUTION TO WASTE INTO SANITARY SEWER AT A CONTROLLED RATE, NOT TO EXCEED 25 GPM. IF CHLORINE RESIDUAL DROPS IN 10 MG PER LITER, FLUSH MAIN AT 2 FPS AND REPEAT STERILIZATION PROCEDURE.

- F. WATER SAMPLES - PERFORM BACTERIOLOGICAL TEST PER AWWA C-651 WILL BE DRAWN AND PROCESSED BY THE MUNICIPALITY. IN THE EVENT OF DETECTION OF COLIFORM ORGANISM, REPEAT FLUSHINGS, STERILIZATION, AND SAMPLING OF MAINS UNTIL ACCEPTABLE TEST RESULTS ARE ACHIEVED. THIS IS TO BE PERFORMED PRIOR TO TRANSFER OF SERVICE.



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HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

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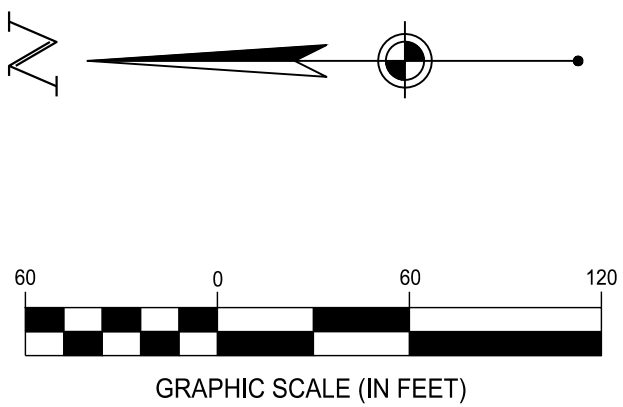
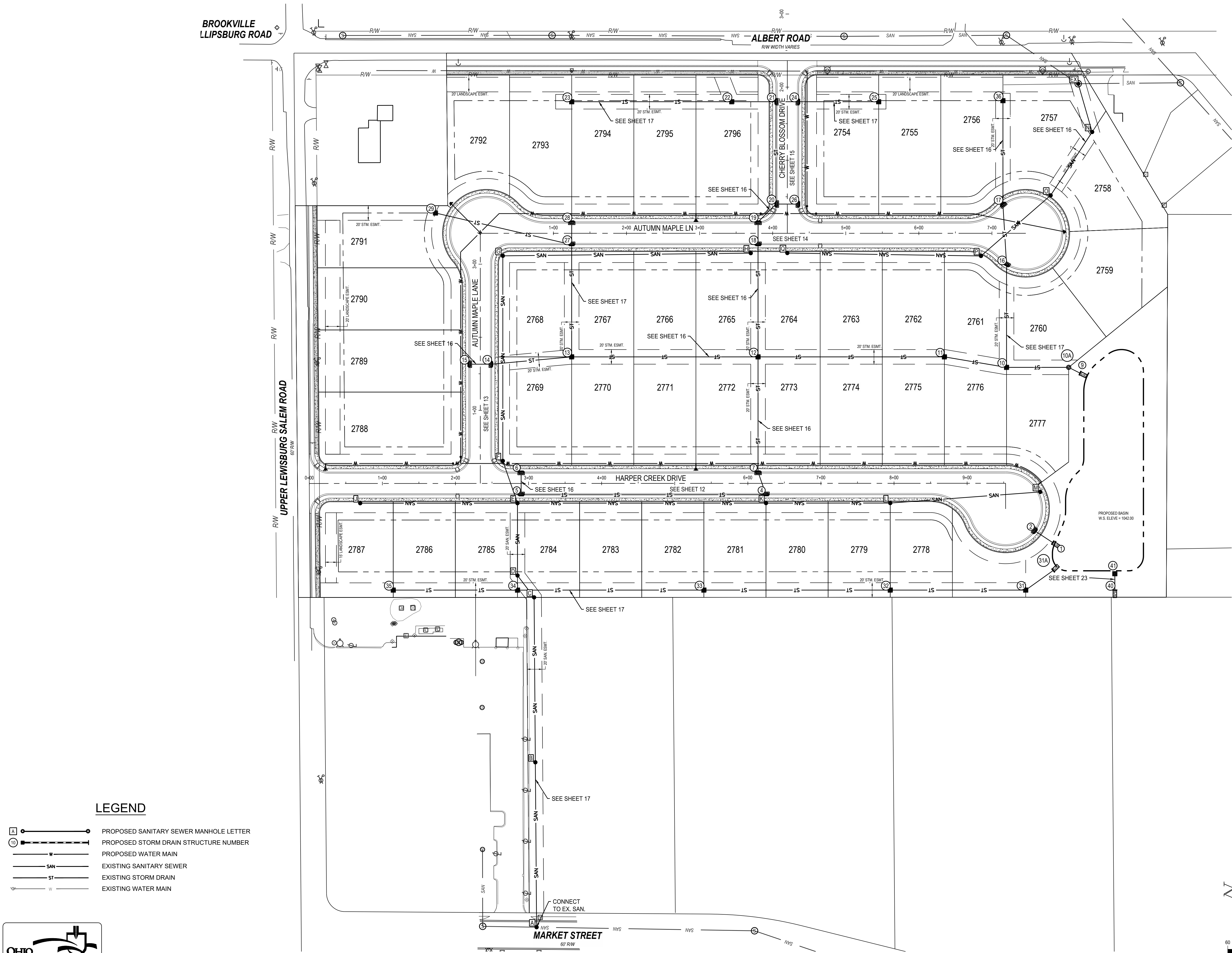
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CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

OVERALL UTILITY & INDEX MAP

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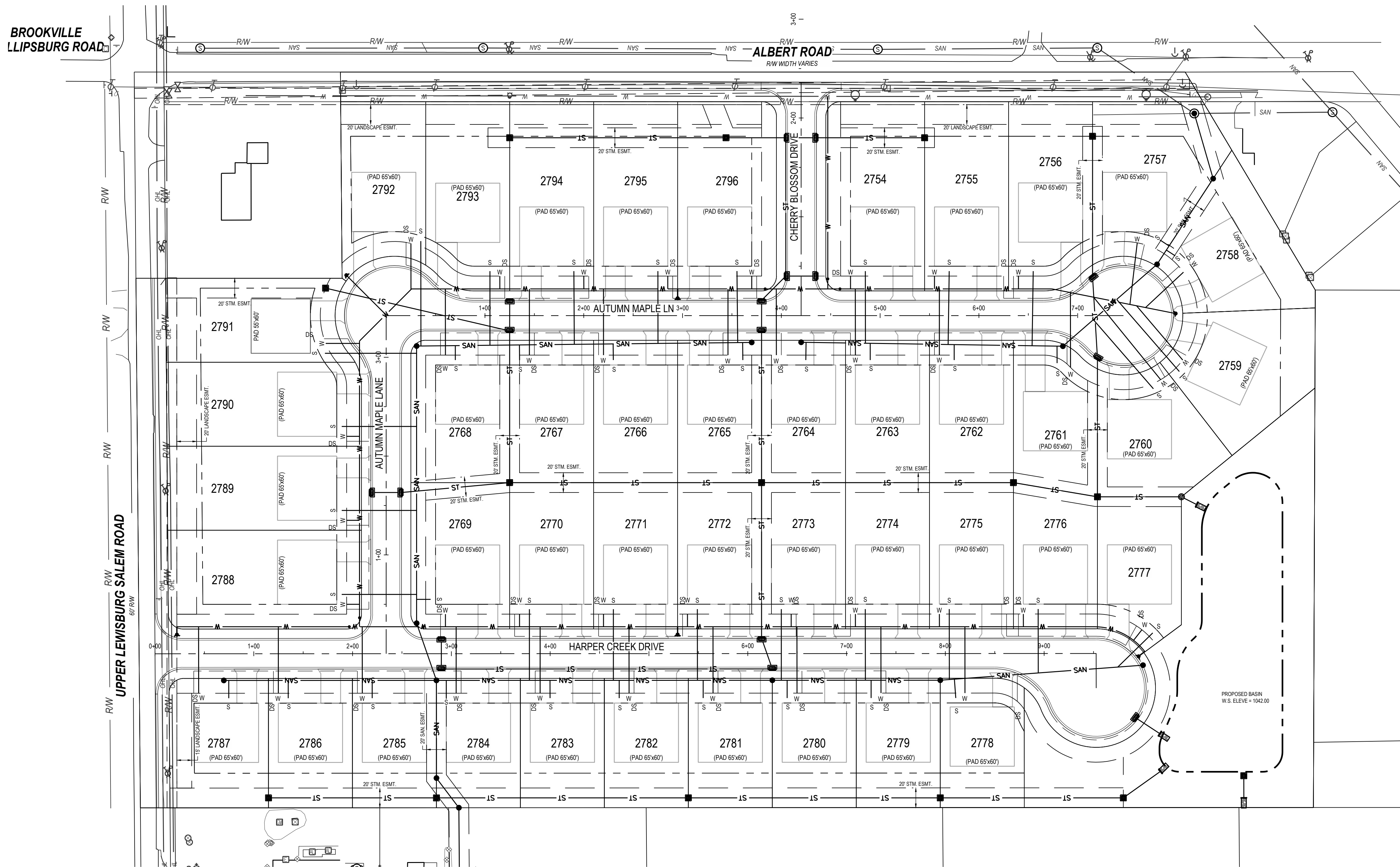
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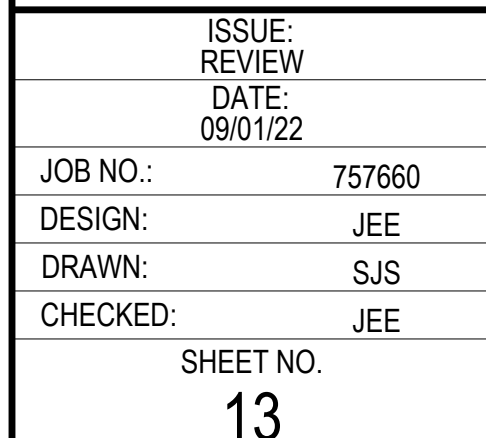
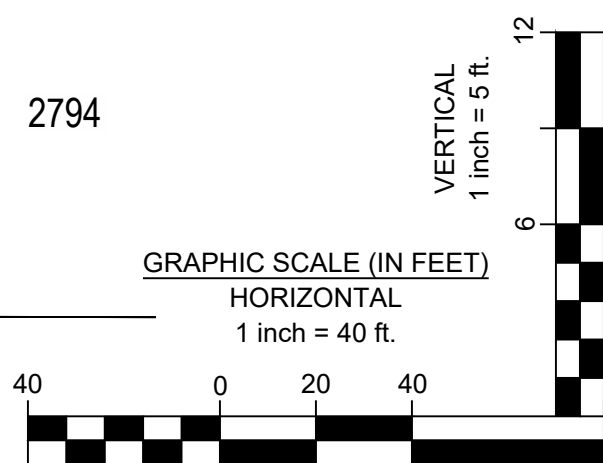
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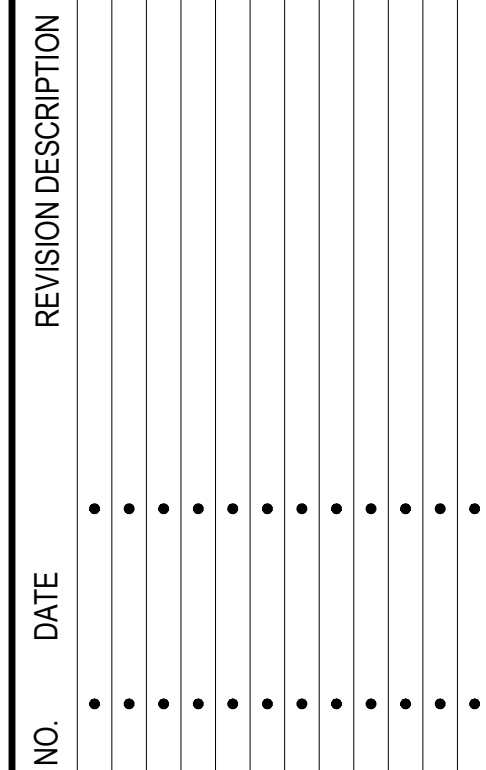
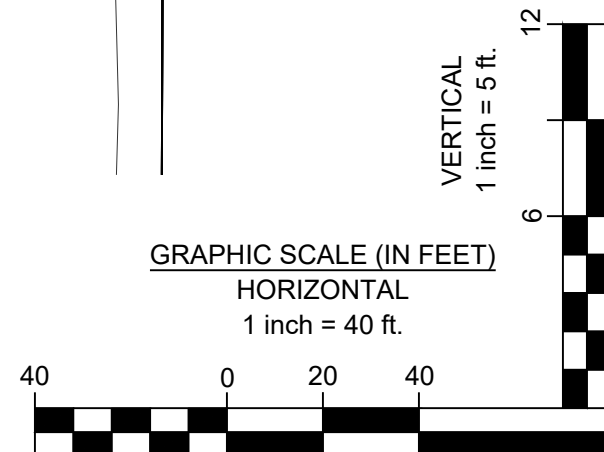
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LEGEND

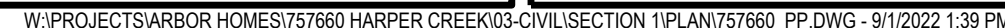
- PROPOSED SANITARY SEWER MANHOLE LETTER
- PROPOSED STORM DRAIN STRUCTURE NUMBER
- PROPOSED WATER MAIN
- EXISTING SANITARY SEWER
- EXISTING STORM DRAIN
- EXISTING WATER MAIN

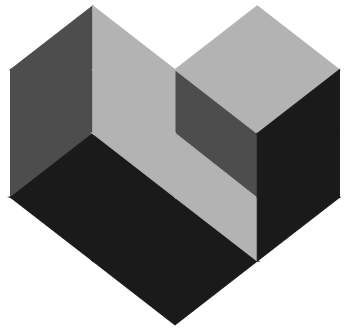




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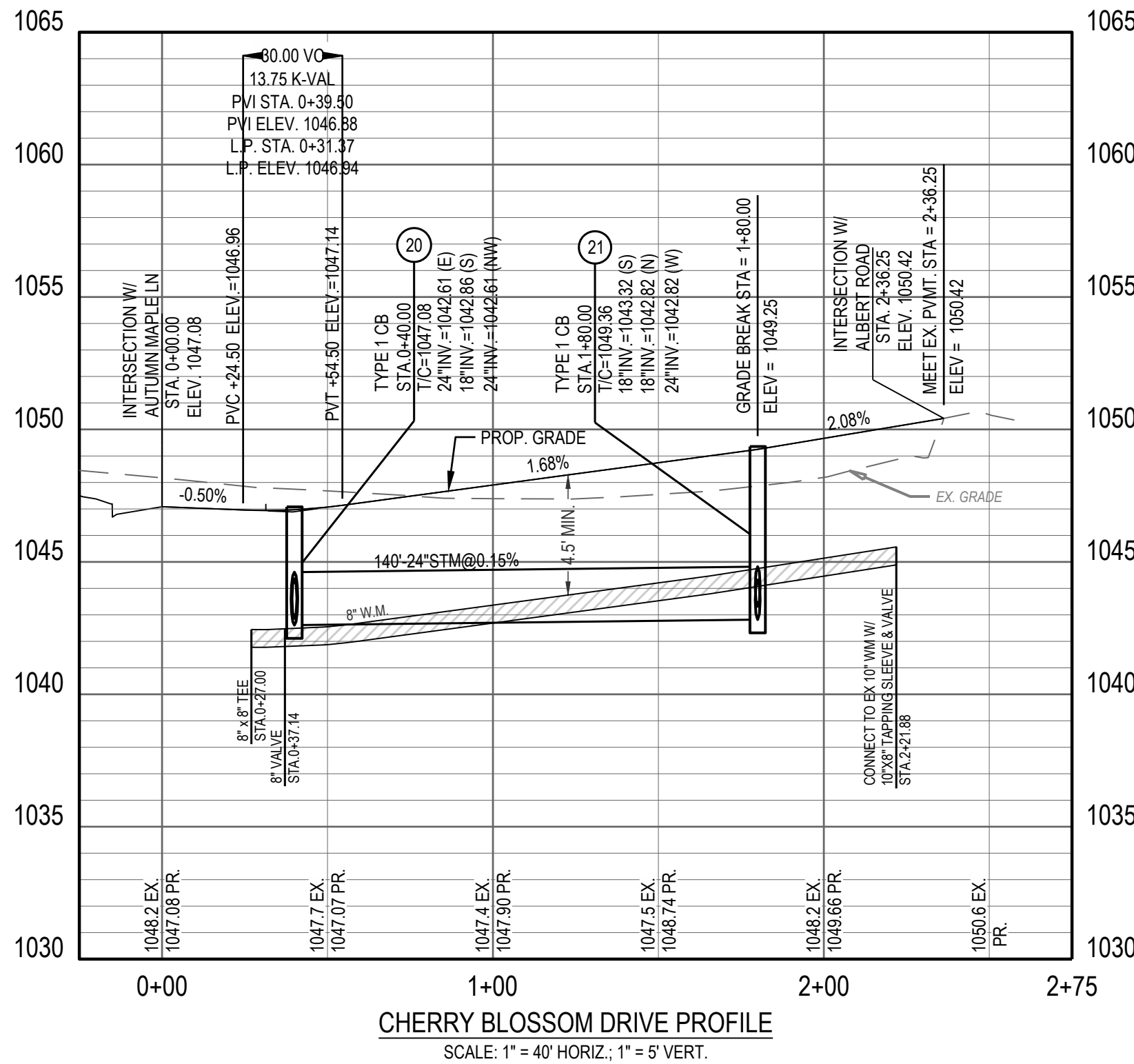
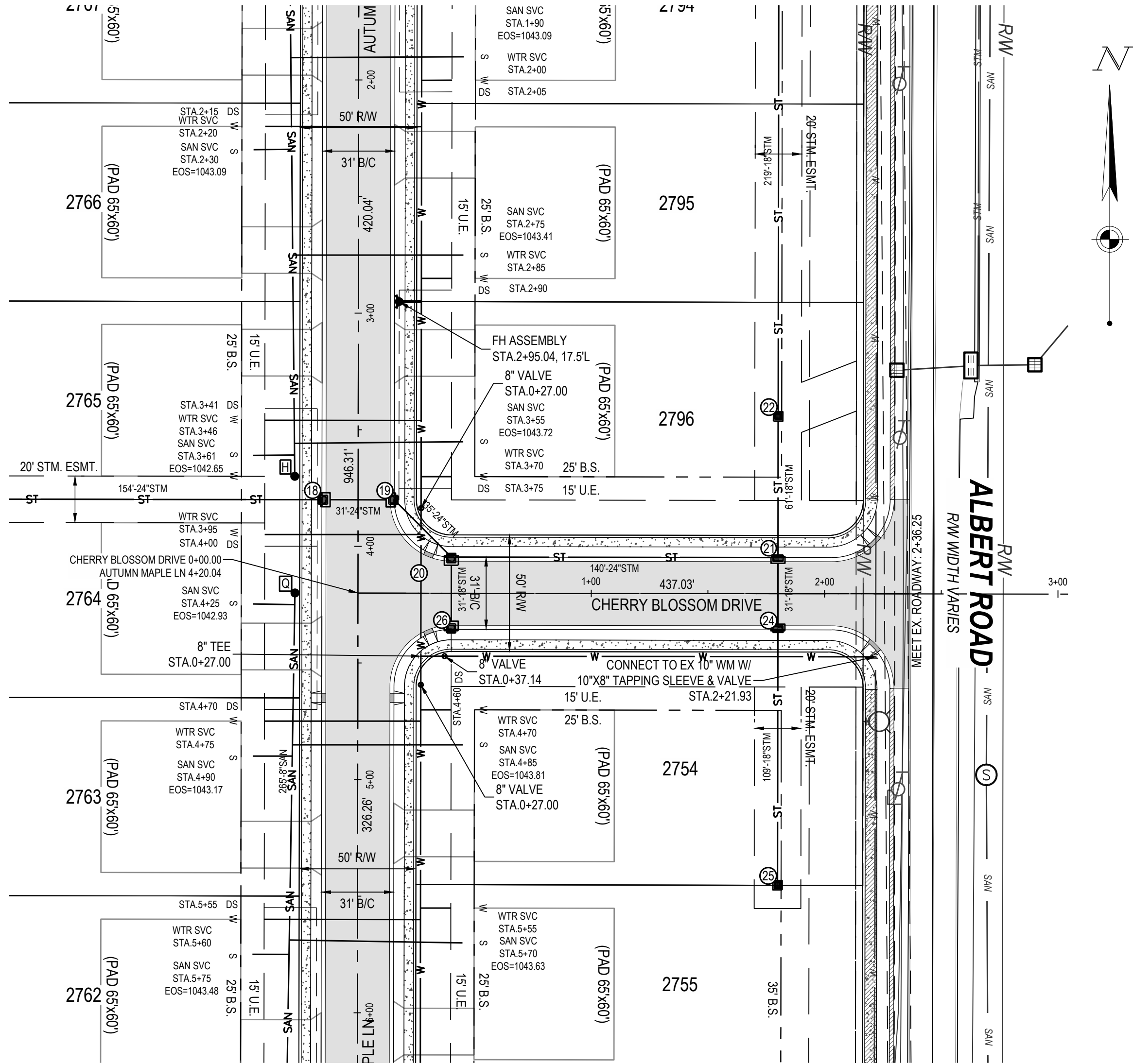
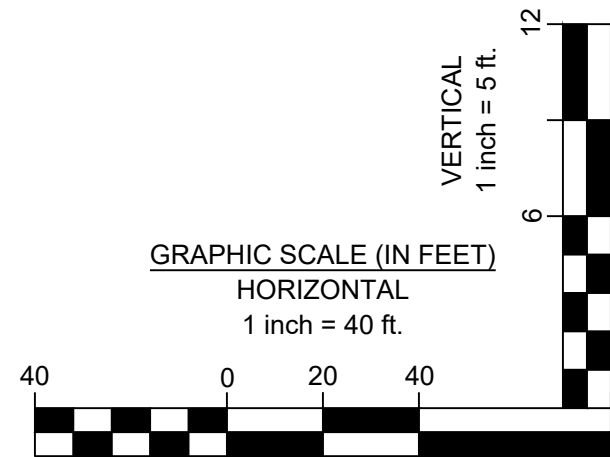
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PLAN AND
PROFILE
CHERRY
BLOSSOM DRIVE

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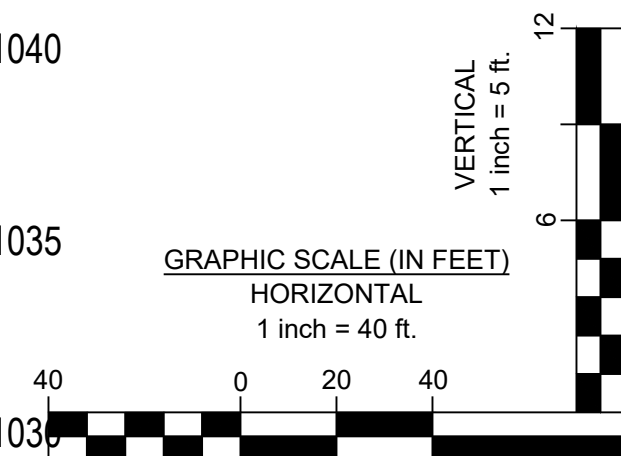
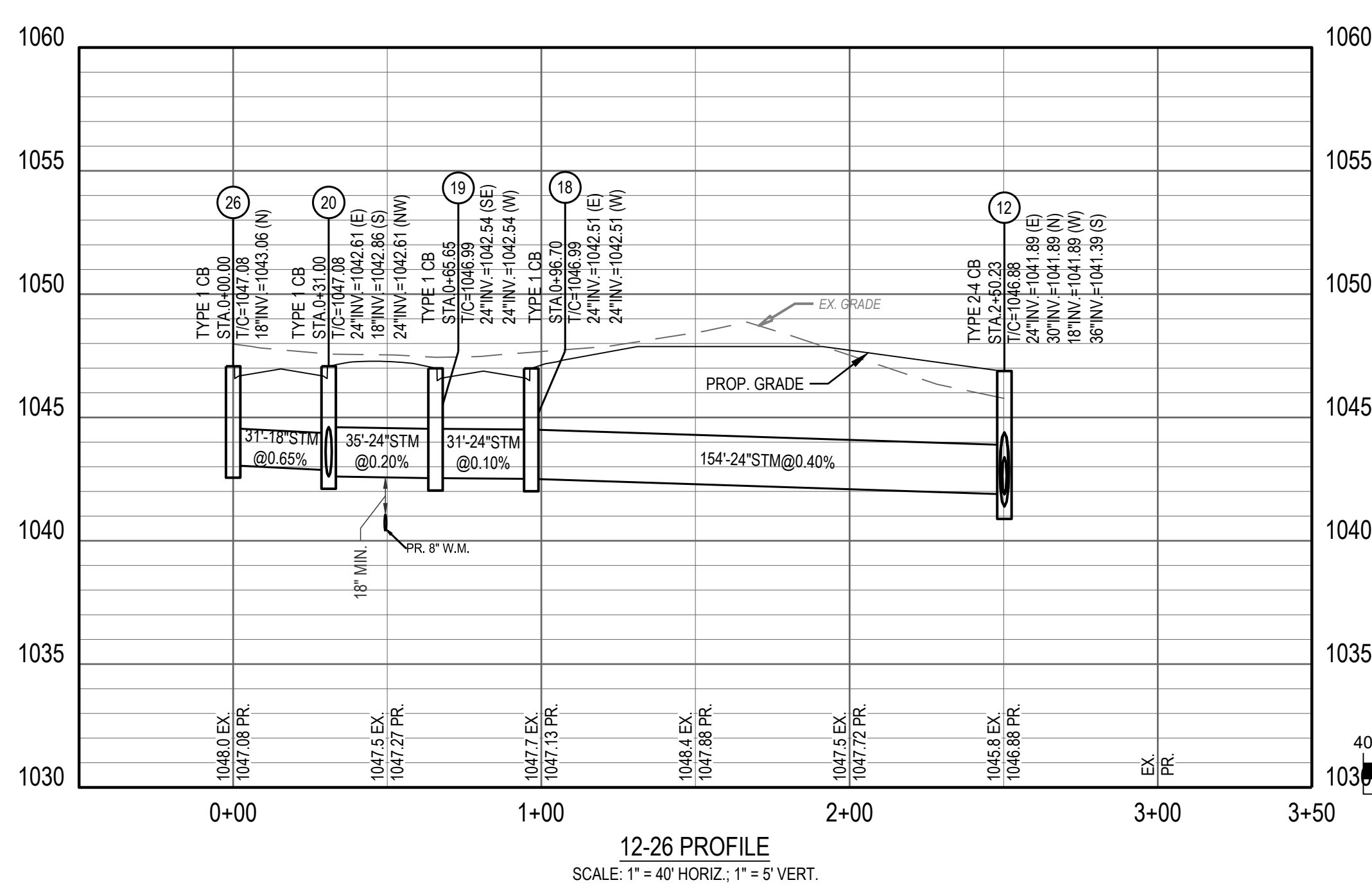
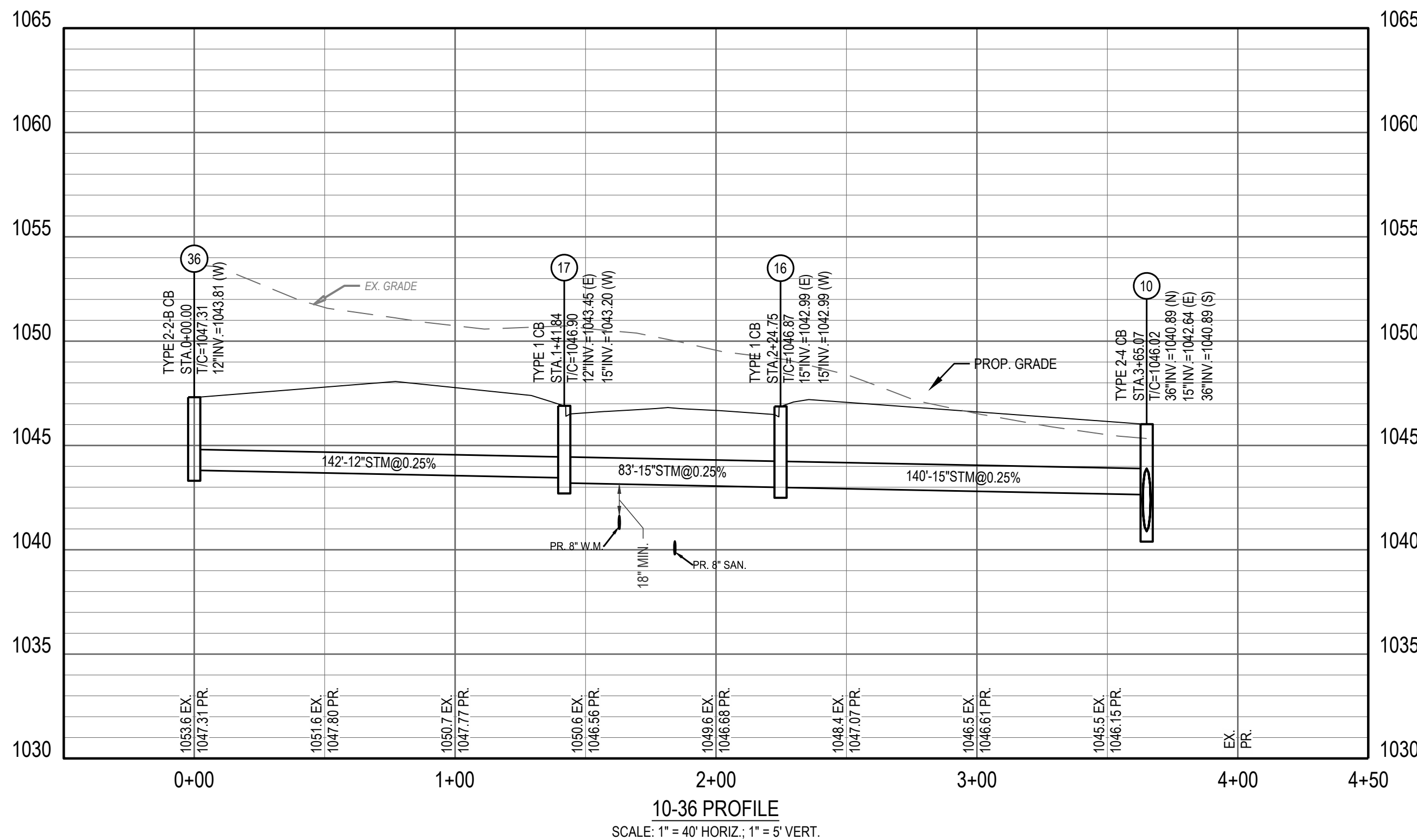
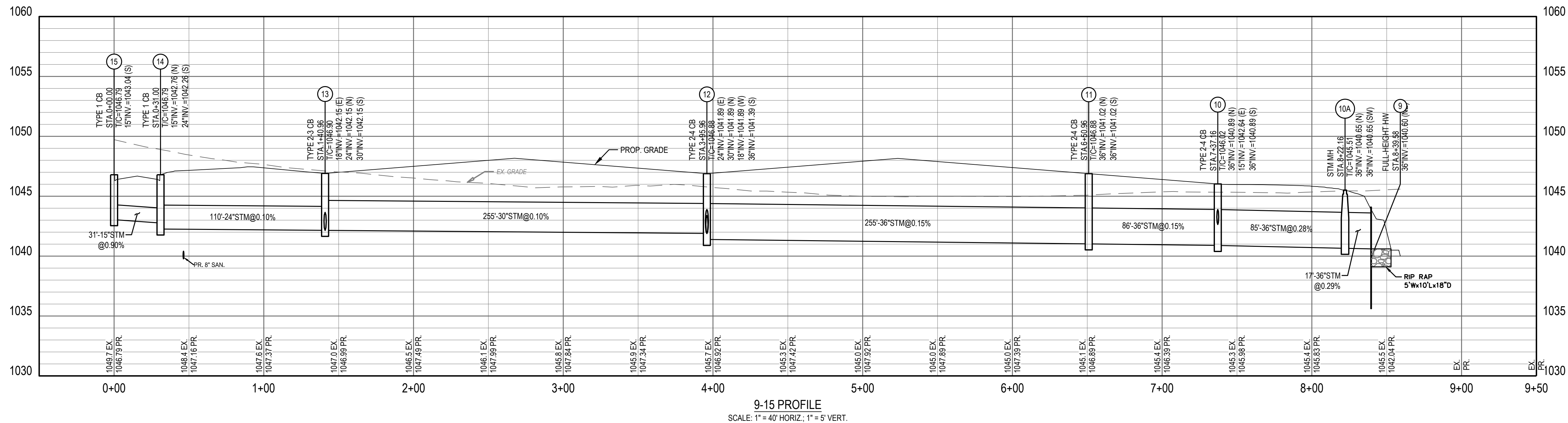
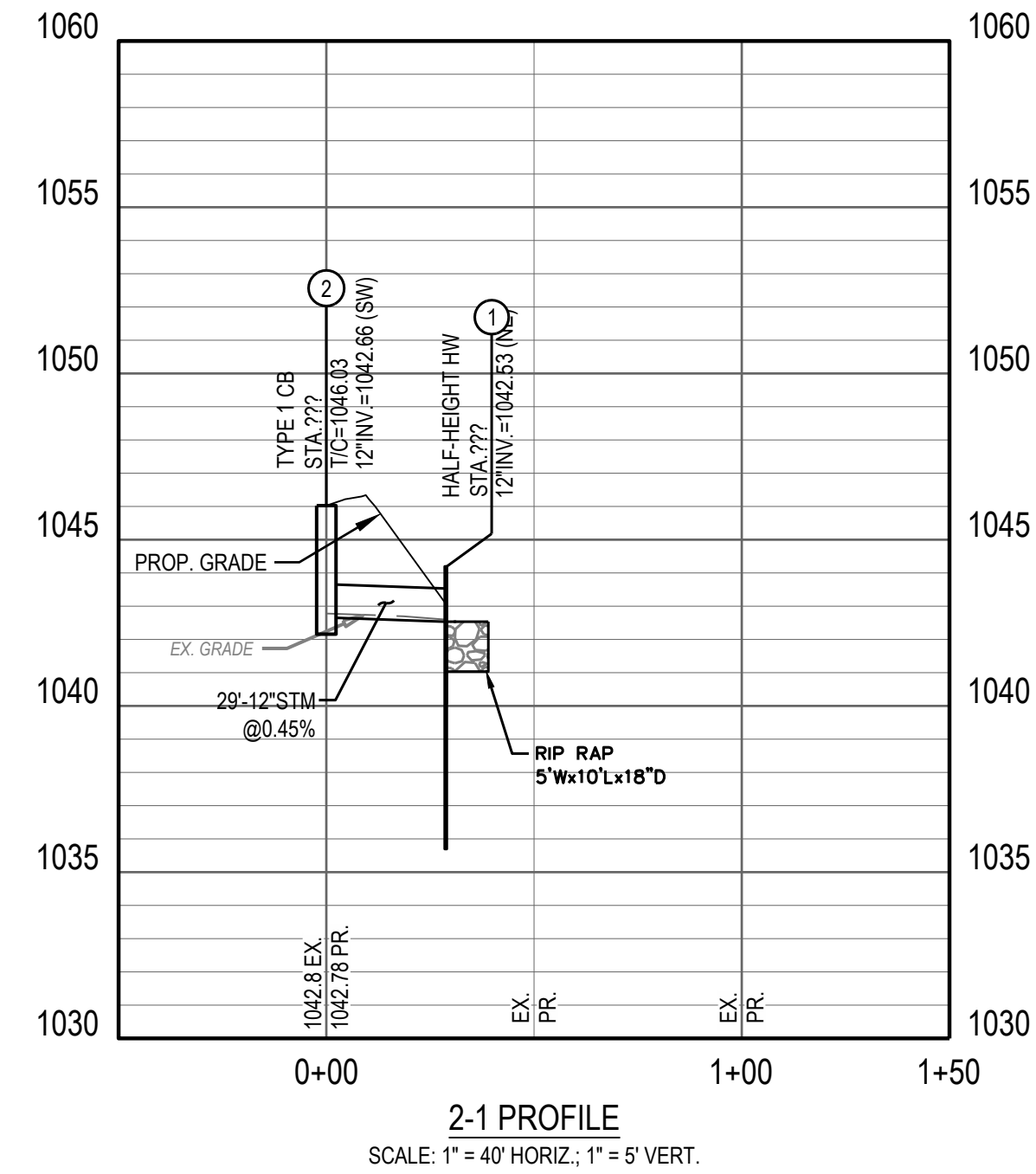
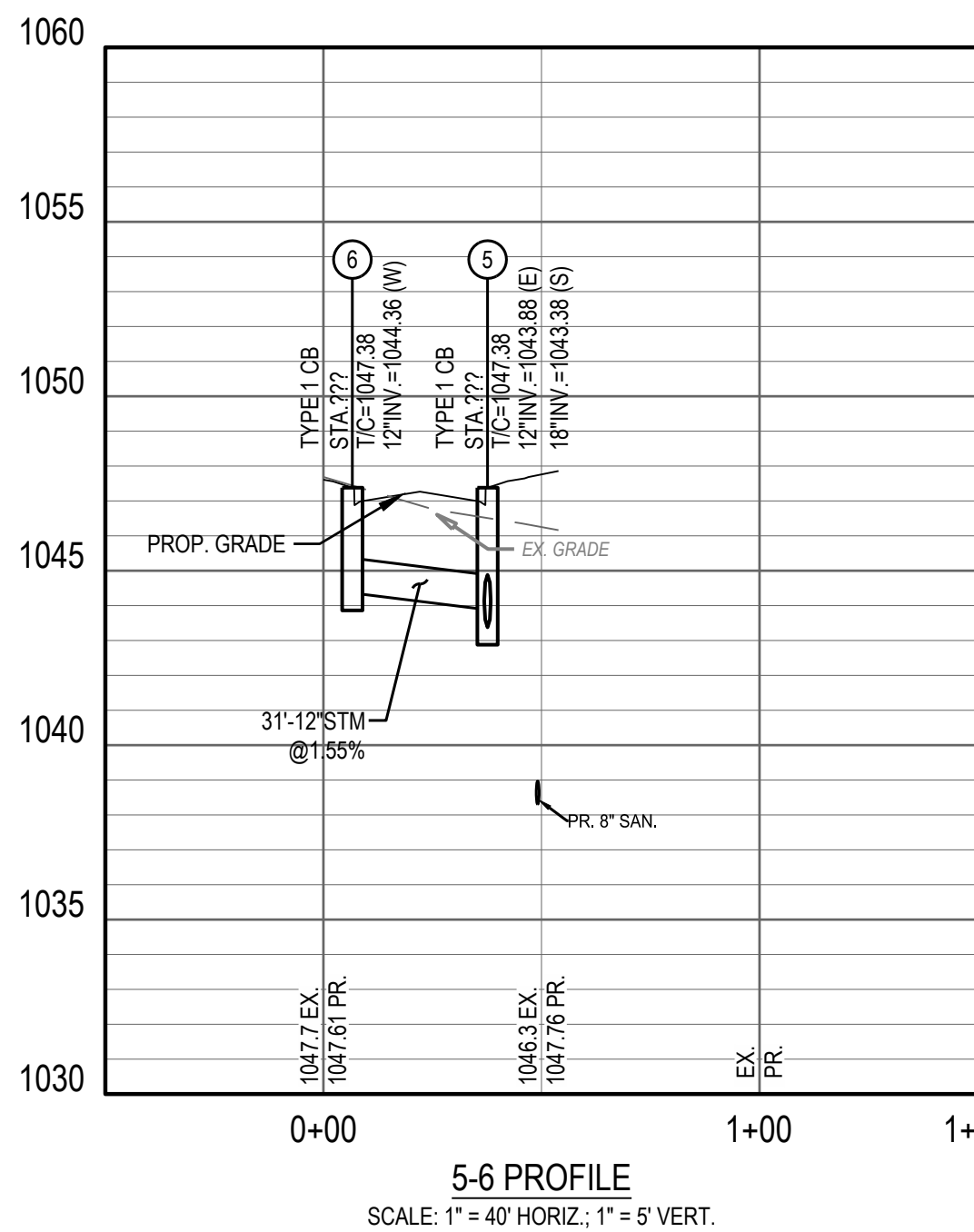
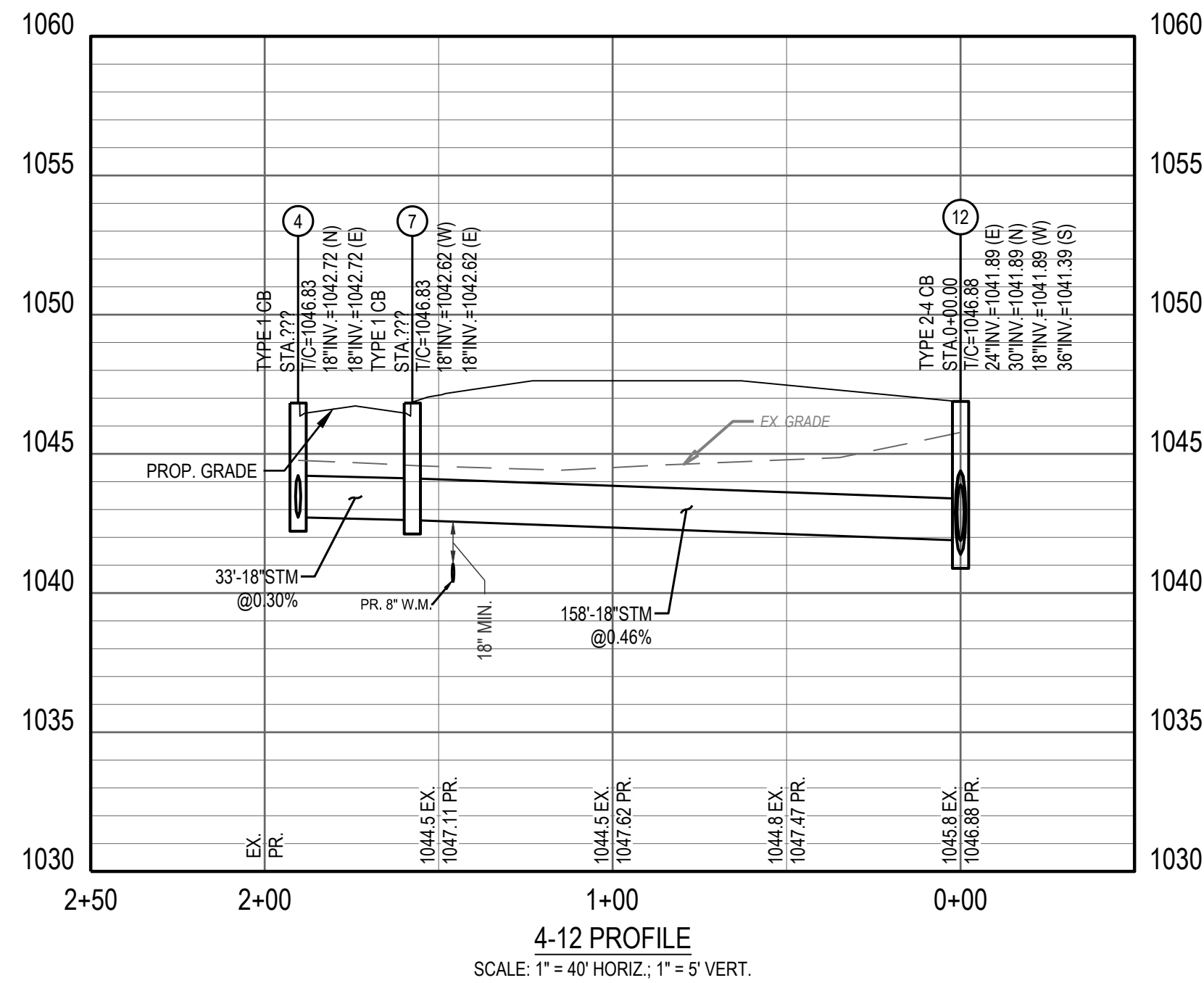
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HARPER CREEK

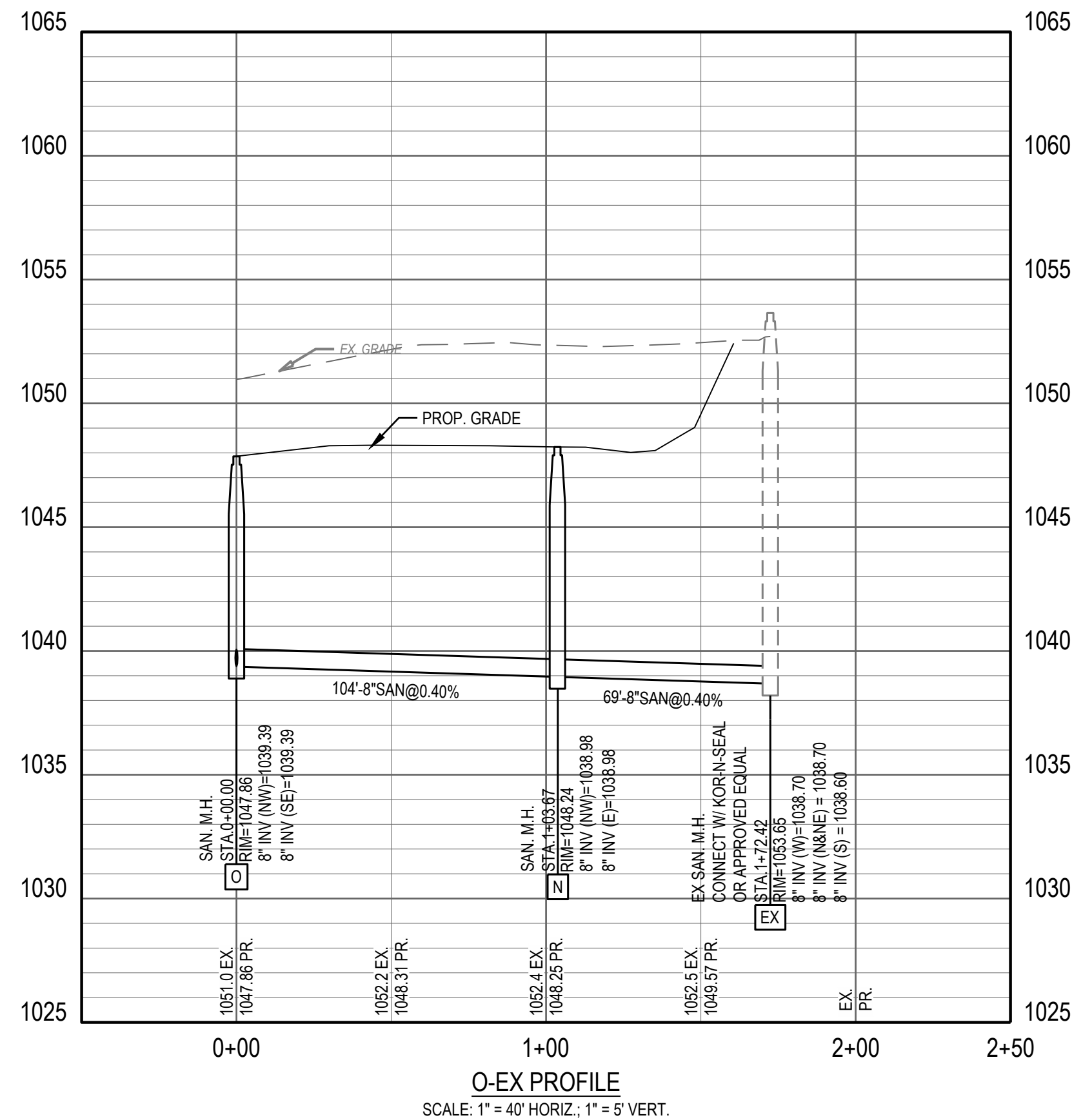
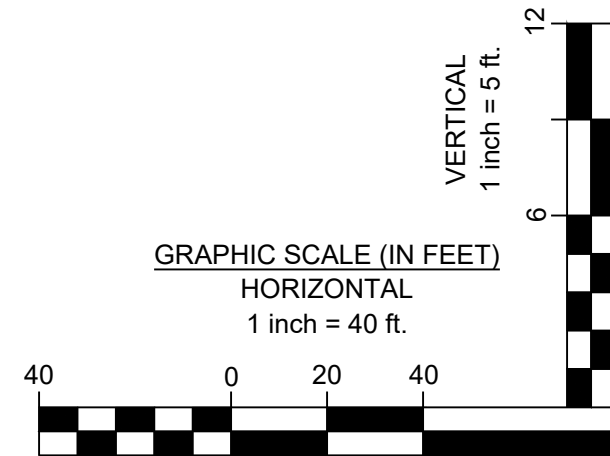
CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

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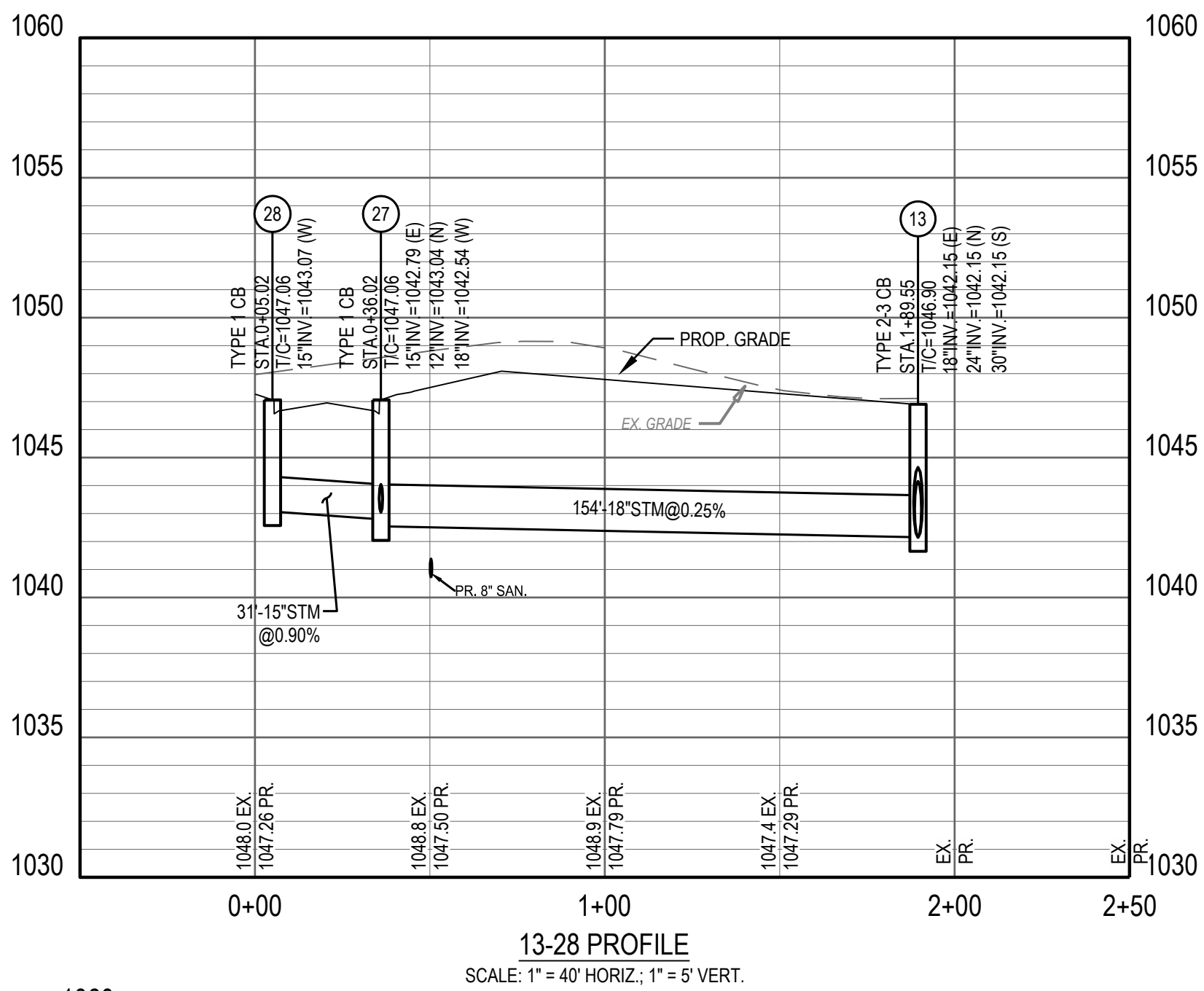
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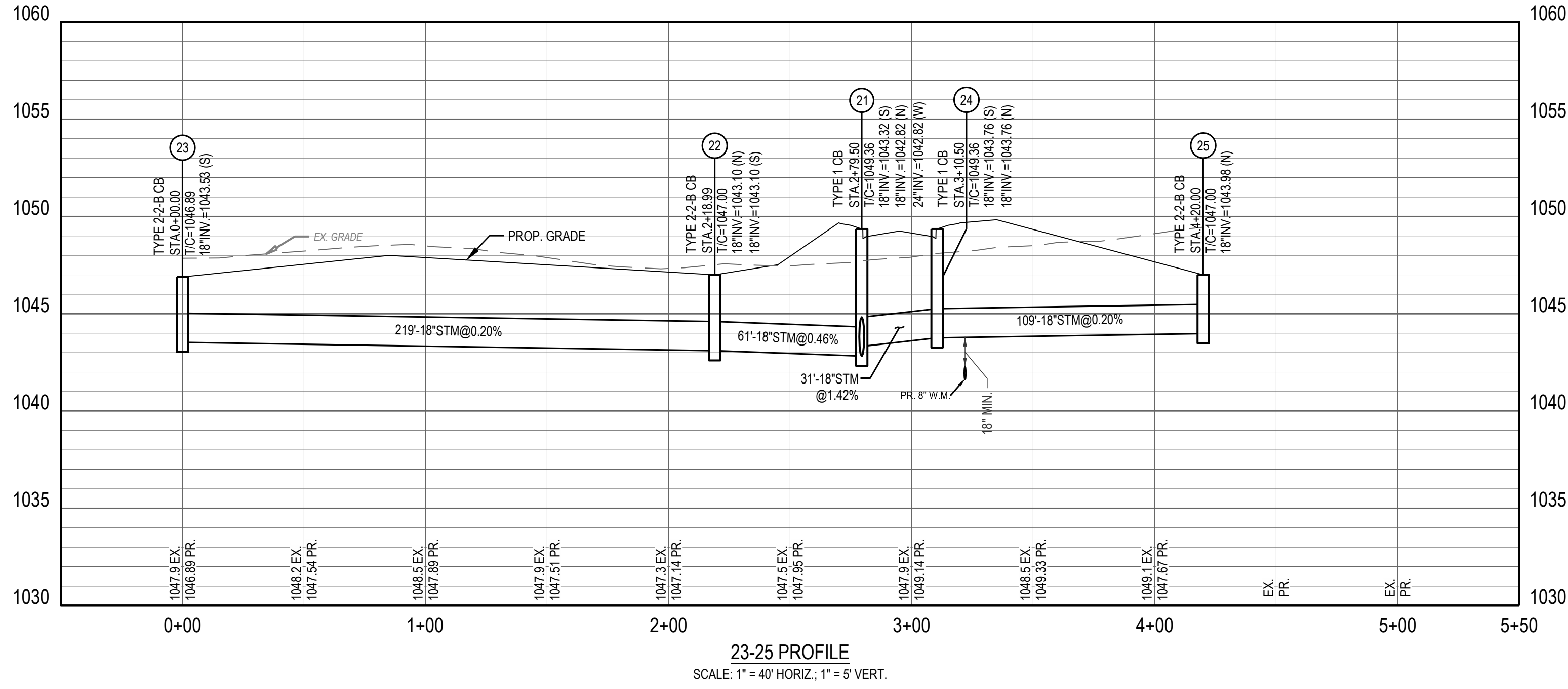
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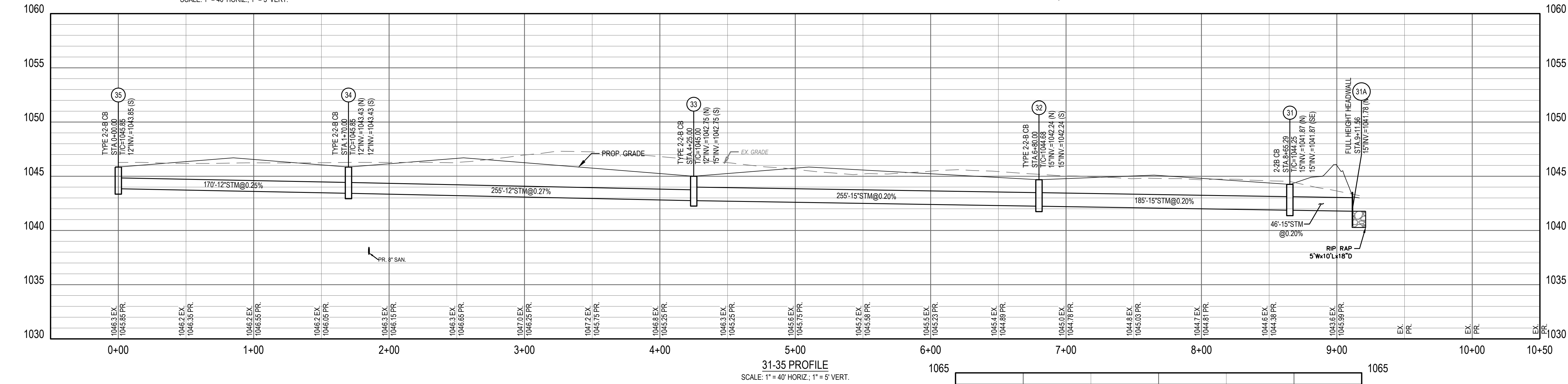
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SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.



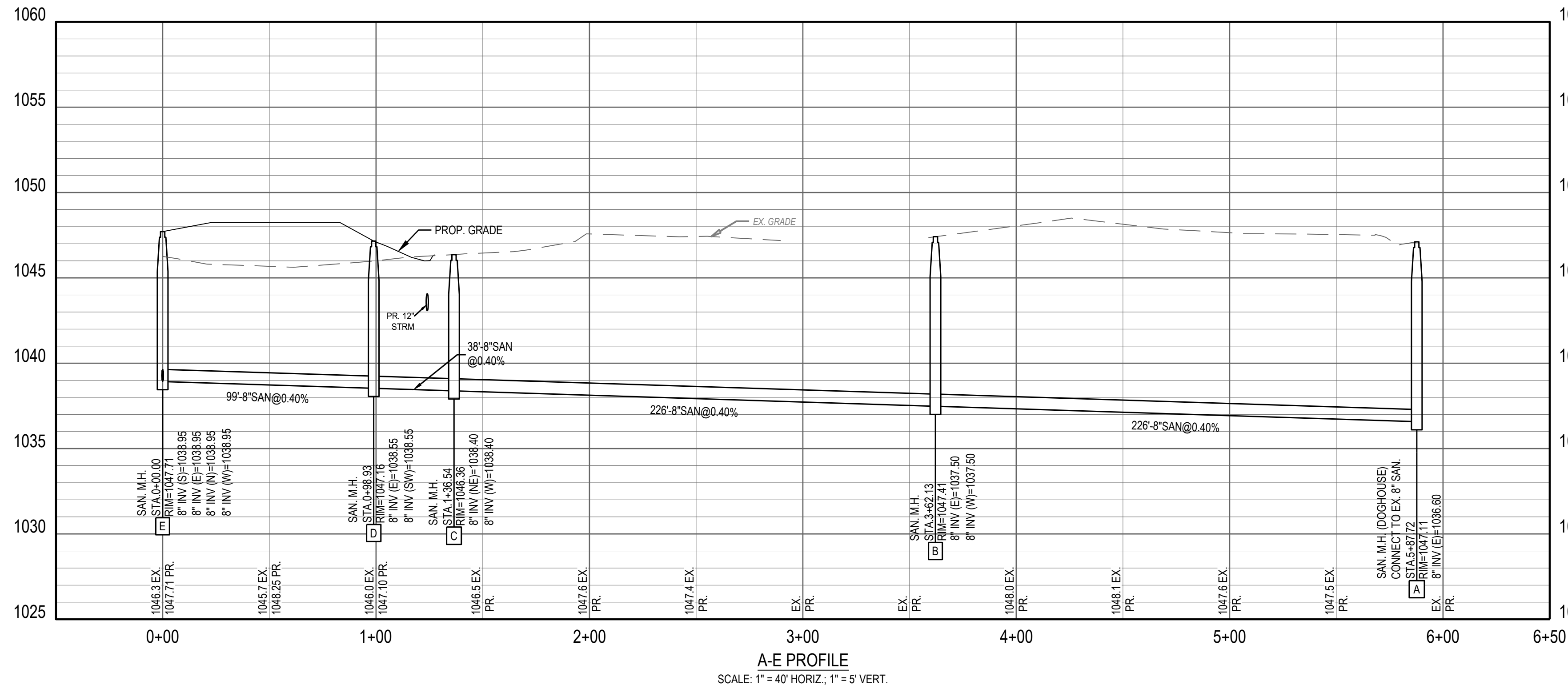
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23-25 PROFILE
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.



31-35 PROFILE
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.



A-E PROFILE
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.

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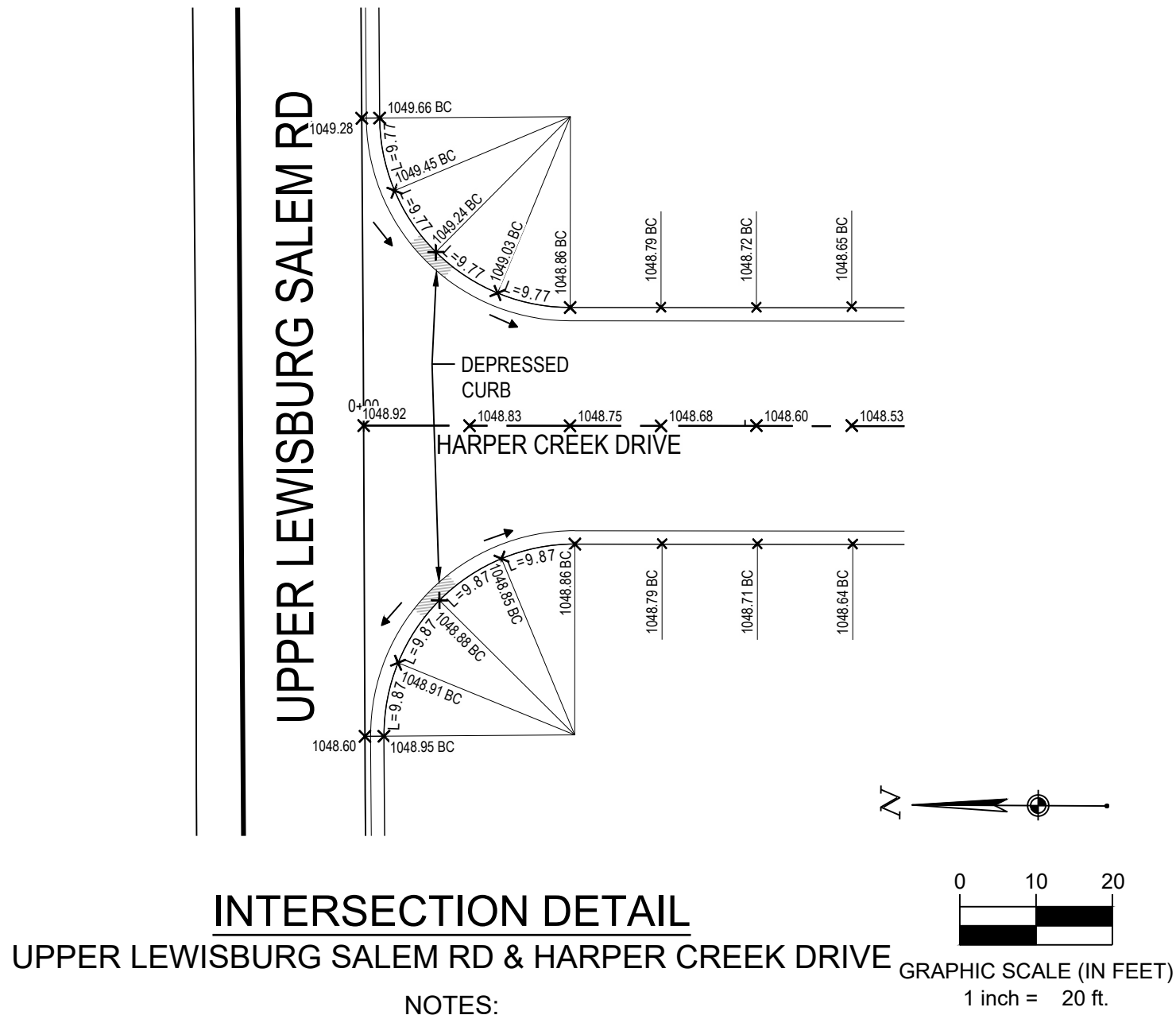
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HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

INTERSECTION
DETAILS

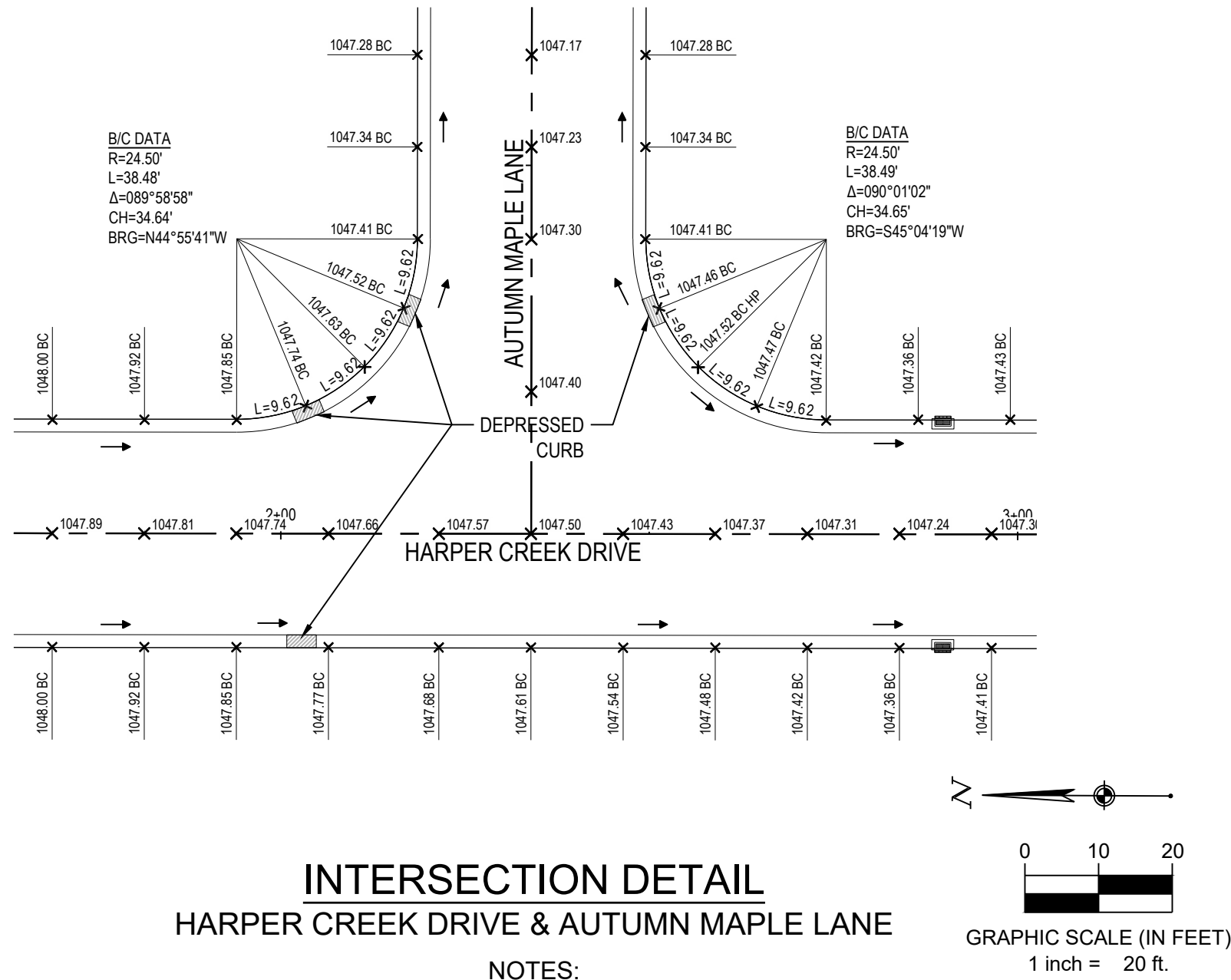
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INTERSECTION DETAIL
UPPER LEWISBURG SALEM RD & HARPER CREEK DRIVE

NOTES:
ALL ELEVATIONS SHOWN ARE CENTERLINE OF FINISHED
PAVEMENT AND TOP OF CURB UNLESS OTHERWISE NOTED.

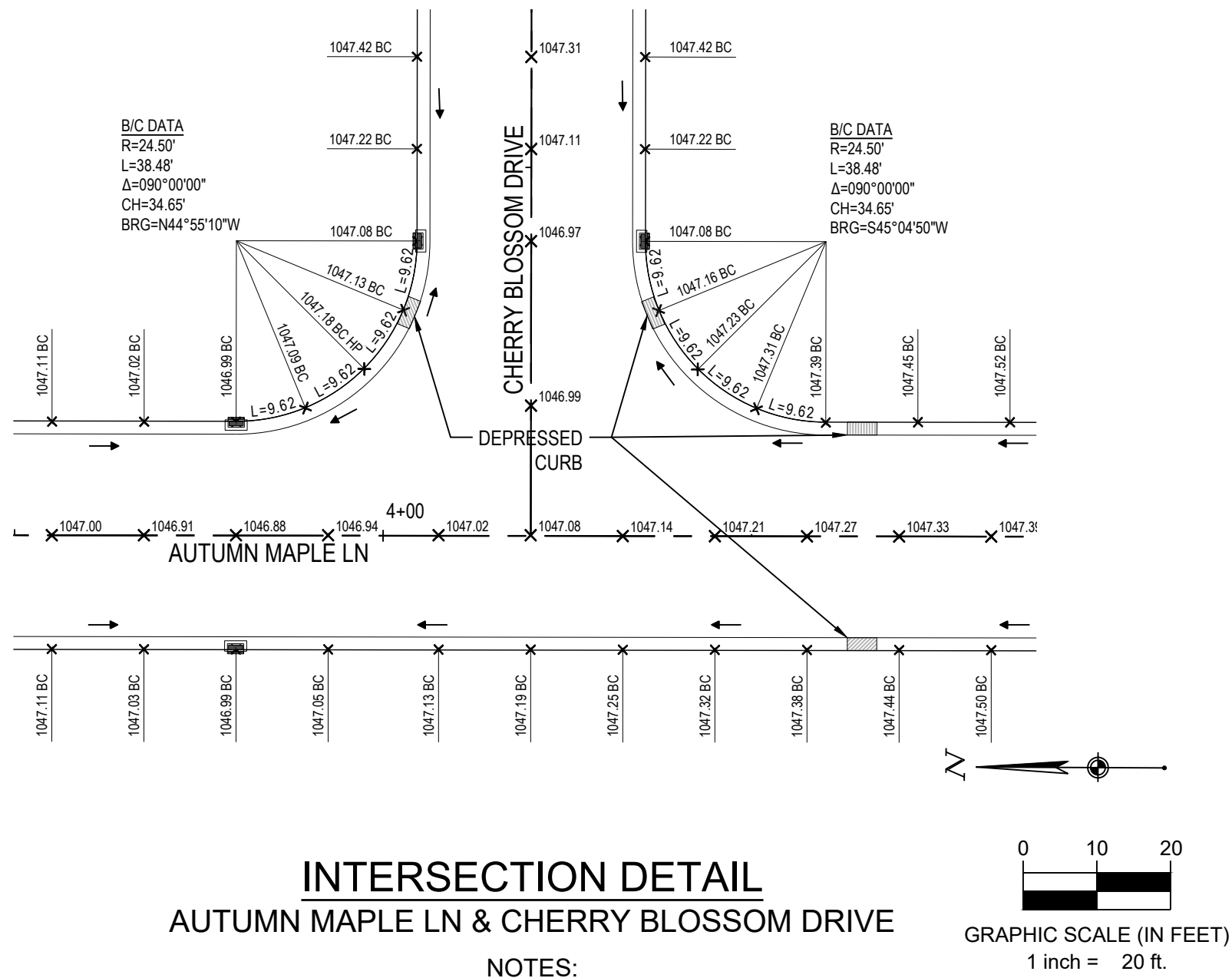
ALL CURB RAMPS TO BE CONSTRUCTED PER ADA STANDARDS.



INTERSECTION DETAIL
HARPER CREEK DRIVE & AUTUMN MAPLE LANE

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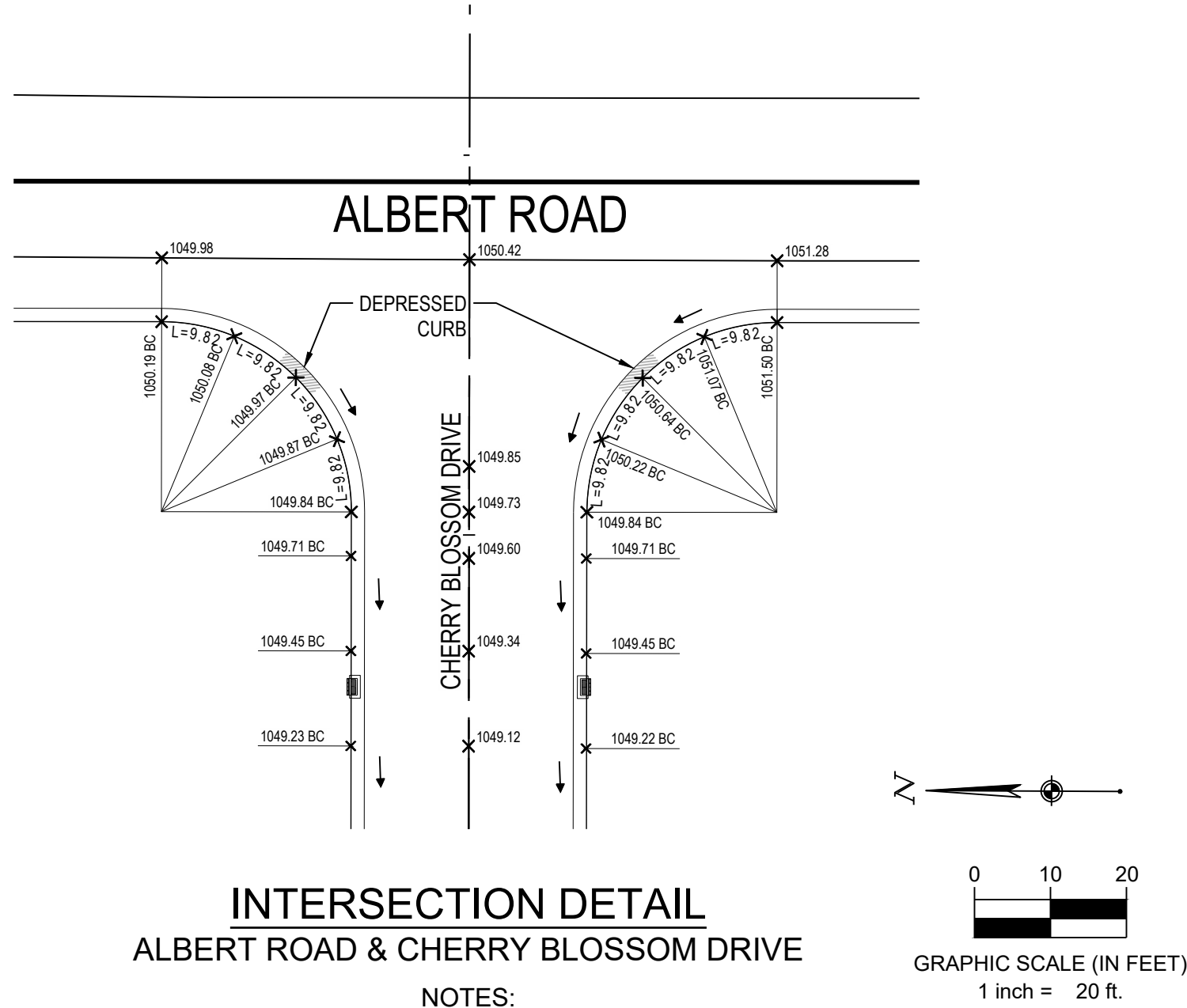
ALL CURB RAMPS TO BE CONSTRUCTED PER ADA STANDARDS.



INTERSECTION DETAIL
AUTUMN MAPLE LN & CHERRY BLOSSOM DRIVE

NOTES:
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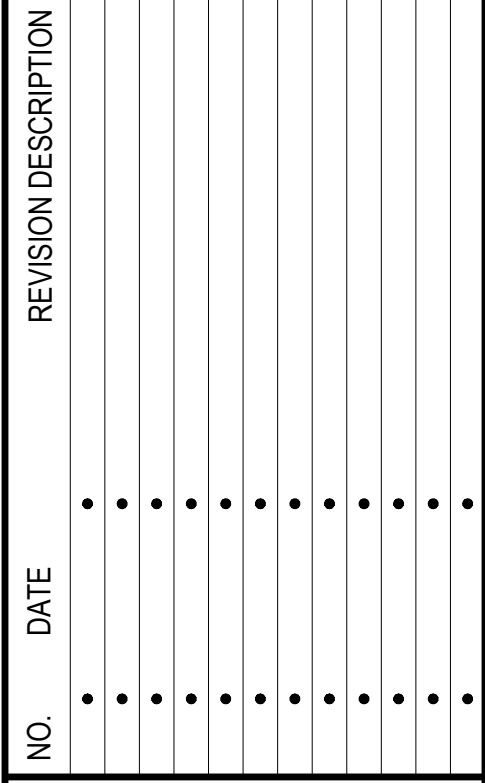
ALL CURB RAMPS TO BE CONSTRUCTED PER ADA STANDARDS.



INTERSECTION DETAIL
ALBERT ROAD & CHERRY BLOSSOM DRIVE

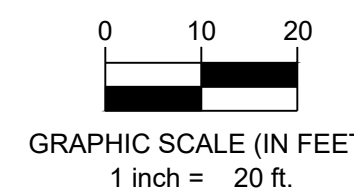
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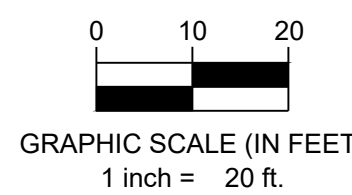


CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

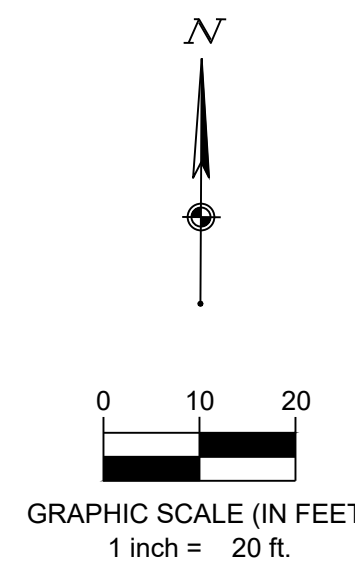
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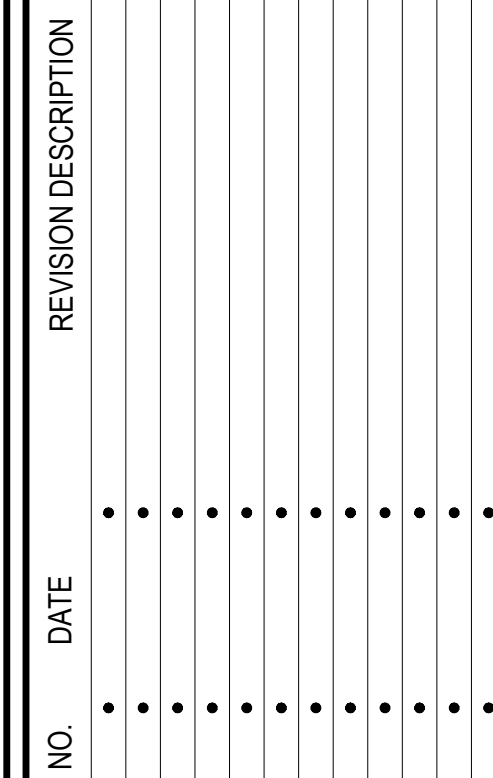
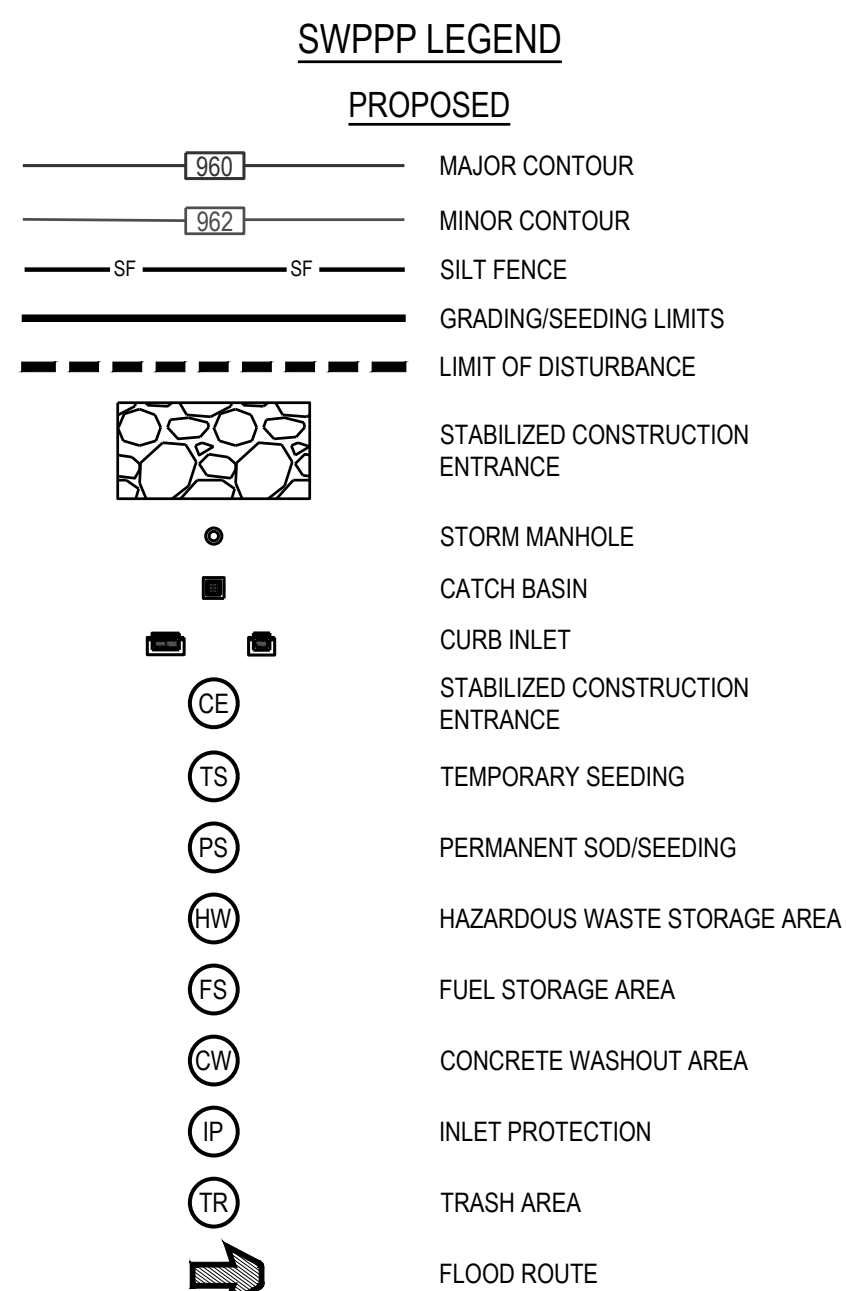
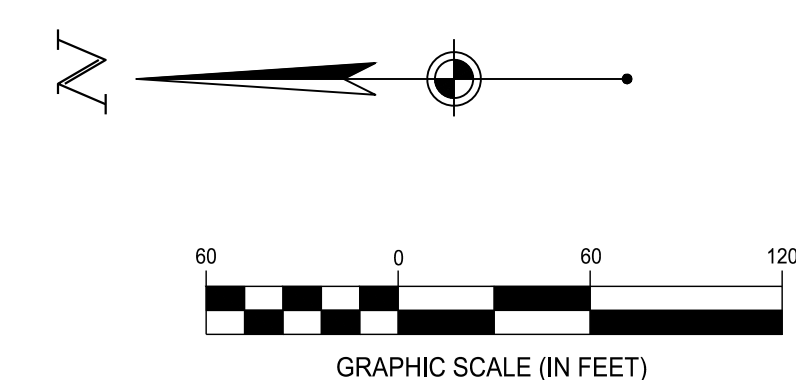
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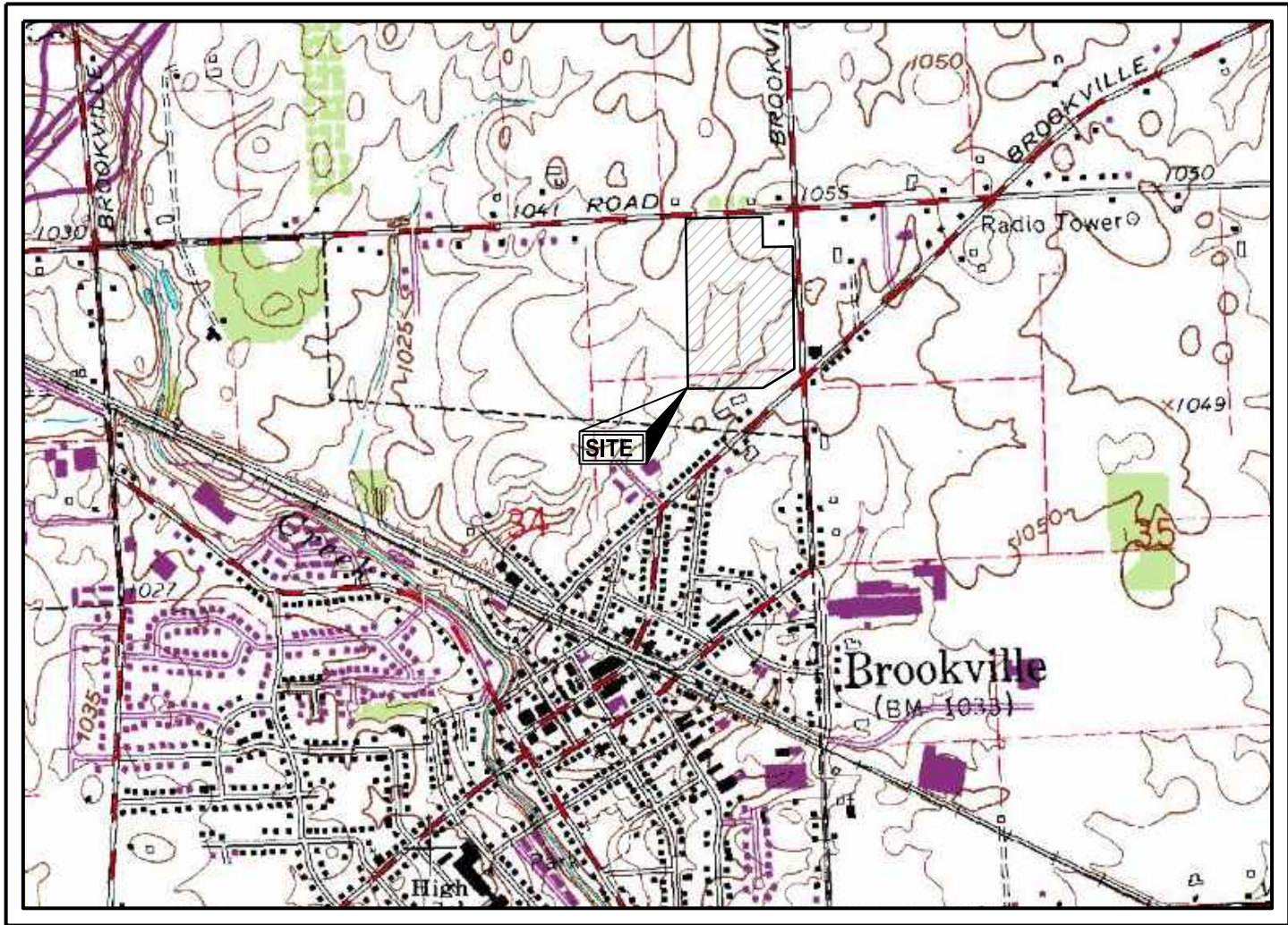
NOTES:

1. EROSION CONTROL PRACTICES SHALL BE INSTALLED BEFORE ANY MAJOR SOIL DISTURBANCE.
2. THE EXPOSED SUB-GRADE AREAS SHOULD BE PROOF ROLLED AND ANY SOFT YIELDING AREA SHOULD BE UNDERCUT.
3. ESTABLISH VEGETATION IN ALL BARE AREAS AS PER OPEPA N.P.D.E.S. REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR N.P.D.E.S. INSPECTION DURING CONSTRUCTION PERIOD.



CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

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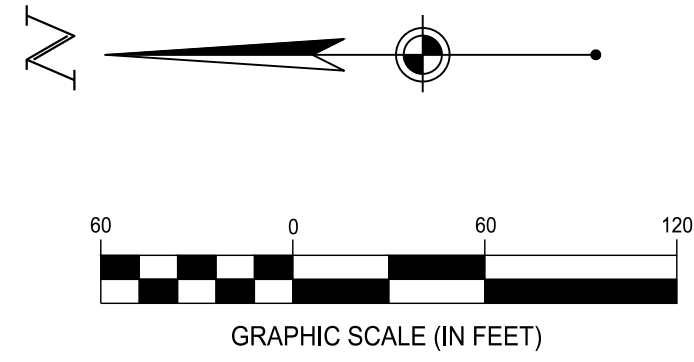
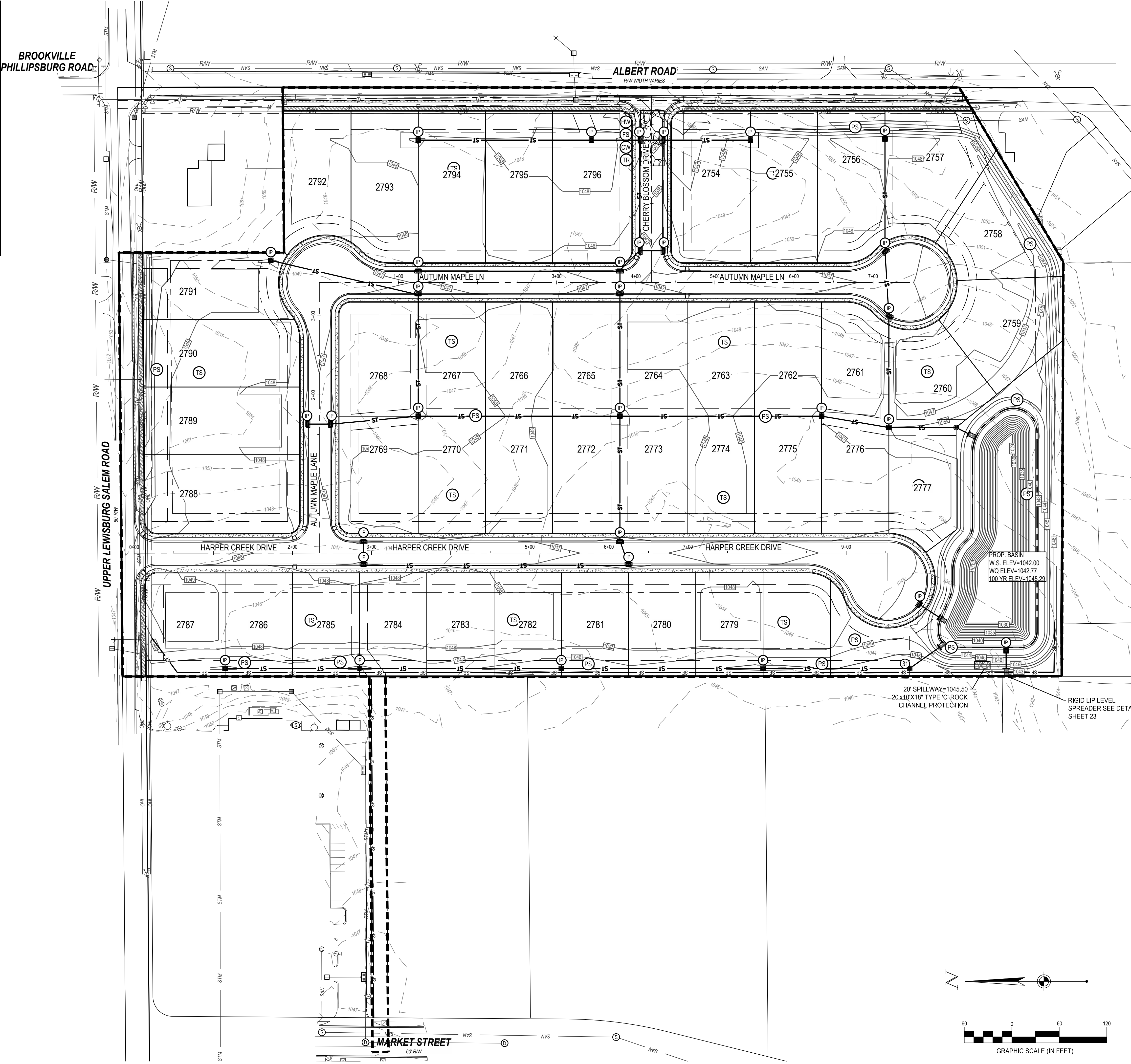


USGS MAP
NTS

SWPPP LEGEND

- PROPOSED
- MAJOR CONTOUR
 - MINOR CONTOUR
 - SILT FENCE
 - GRADING/SEEDING LIMITS
 - LIMIT OF DISTURBANCE
 - STABILIZED CONSTRUCTION ENTRANCE
 - STORM MANHOLE
 - CATCH BASIN
 - CURB INLET
 - STABILIZED CONSTRUCTION ENTRANCE
 - TEMPORARY SEEDING
 - PERMANENT SOD/SEEDING
 - HAZARDOUS WASTE STORAGE AREA
 - FUEL STORAGE AREA
 - CONCRETE WASHOUT AREA
 - INLET PROTECTION
 - TRASH AREA

- NOTES:
- EROSION CONTROL PRACTICES SHALL BE INSTALLED BEFORE ANY MAJOR SOIL DISTURBANCE.
 - THE EXPOSED SUB-GRADE AREAS SHOULD BE PROOF ROLLED AND ANY SOFT YIELDING AREA SHOULD BE UNDERCUT.
 - ESTABLISH VEGETATION IN ALL BARE AREAS AS PER OEPA N.P.D.E.S. REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR N.P.D.E.S. INSPECTION DURING CONSTRUCTION PERIOD.



REVISION DESCRIPTION	
NO.	DATE

HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

GRADING & EROSION CONTROL PLAN - PH II

ISSUE:	
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REVISION DESCRIPTION

NO. DATE

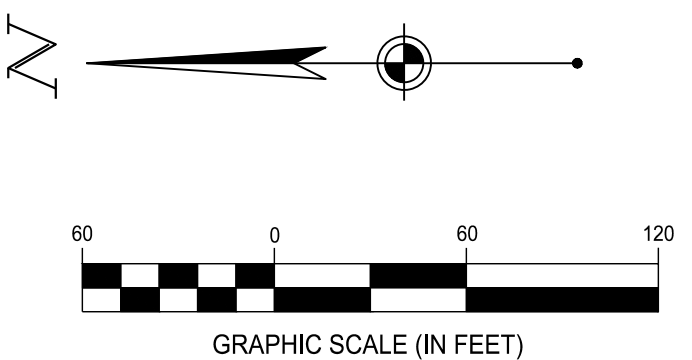
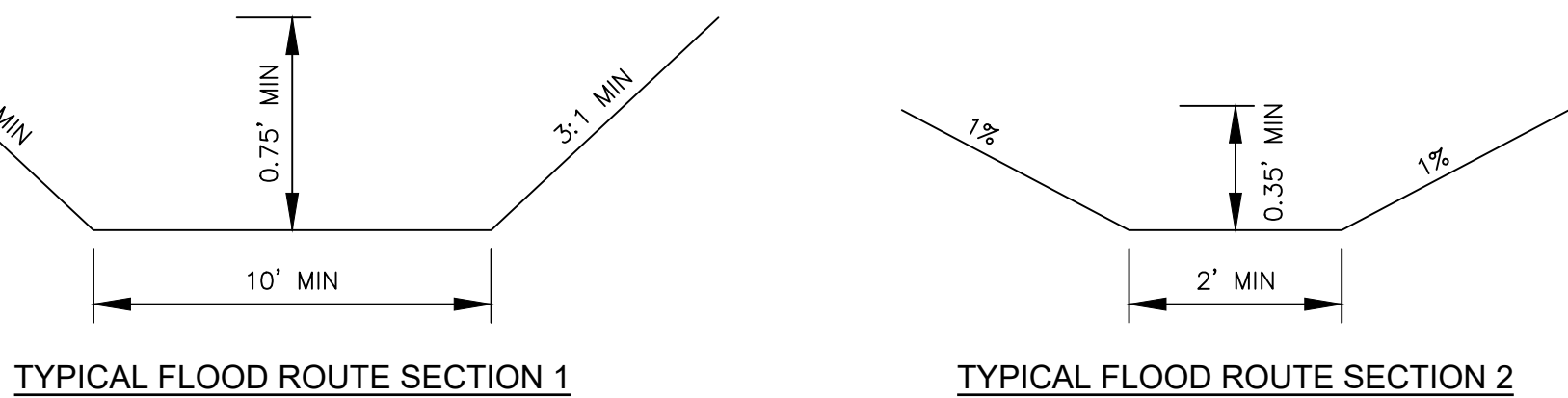
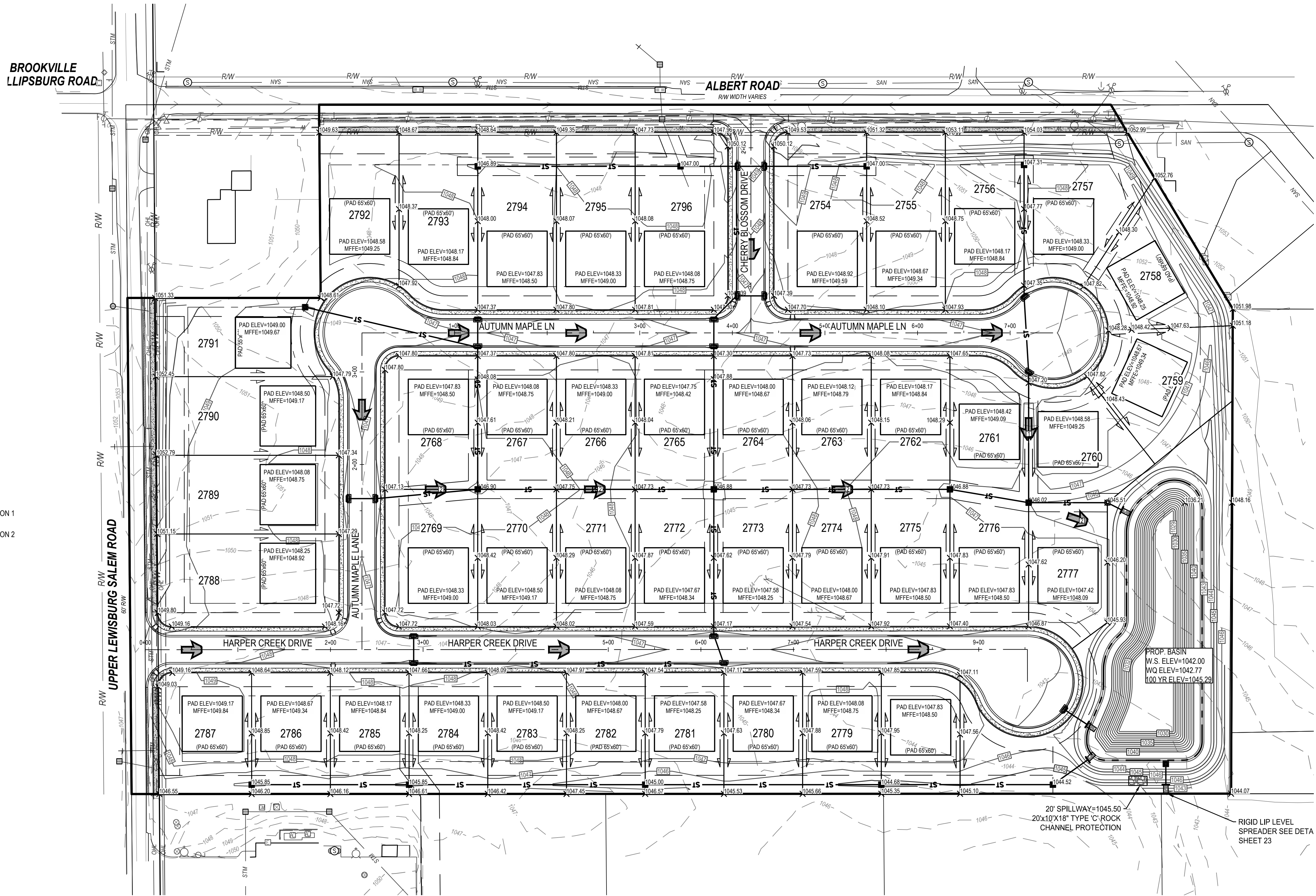
HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

GRADING PLAN

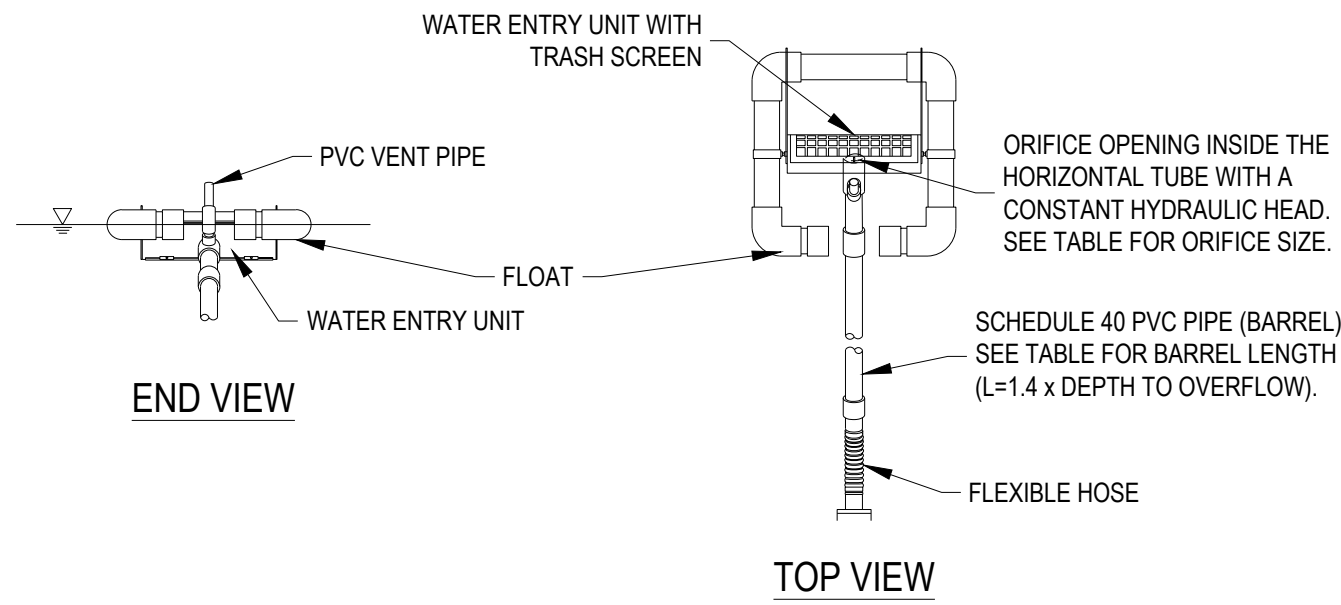
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GRADING LEGEND

- PROPOSED
- MAJOR CONTOUR
 - MINOR CONTOUR
 - SILT FENCE
 - GRADING/SEEDING LIMITS
 - LIMIT OF DISTURBANCE
 - STABILIZED CONSTRUCTION ENTRANCE
 - STORM MANHOLE
 - CATCH BASIN
 - CURB INLET
 - TYPICAL FLOOD ROUTE
 - TYPICAL FLOOD ROUTE SECTION 1
 - TYPICAL FLOOD ROUTE SECTION 2



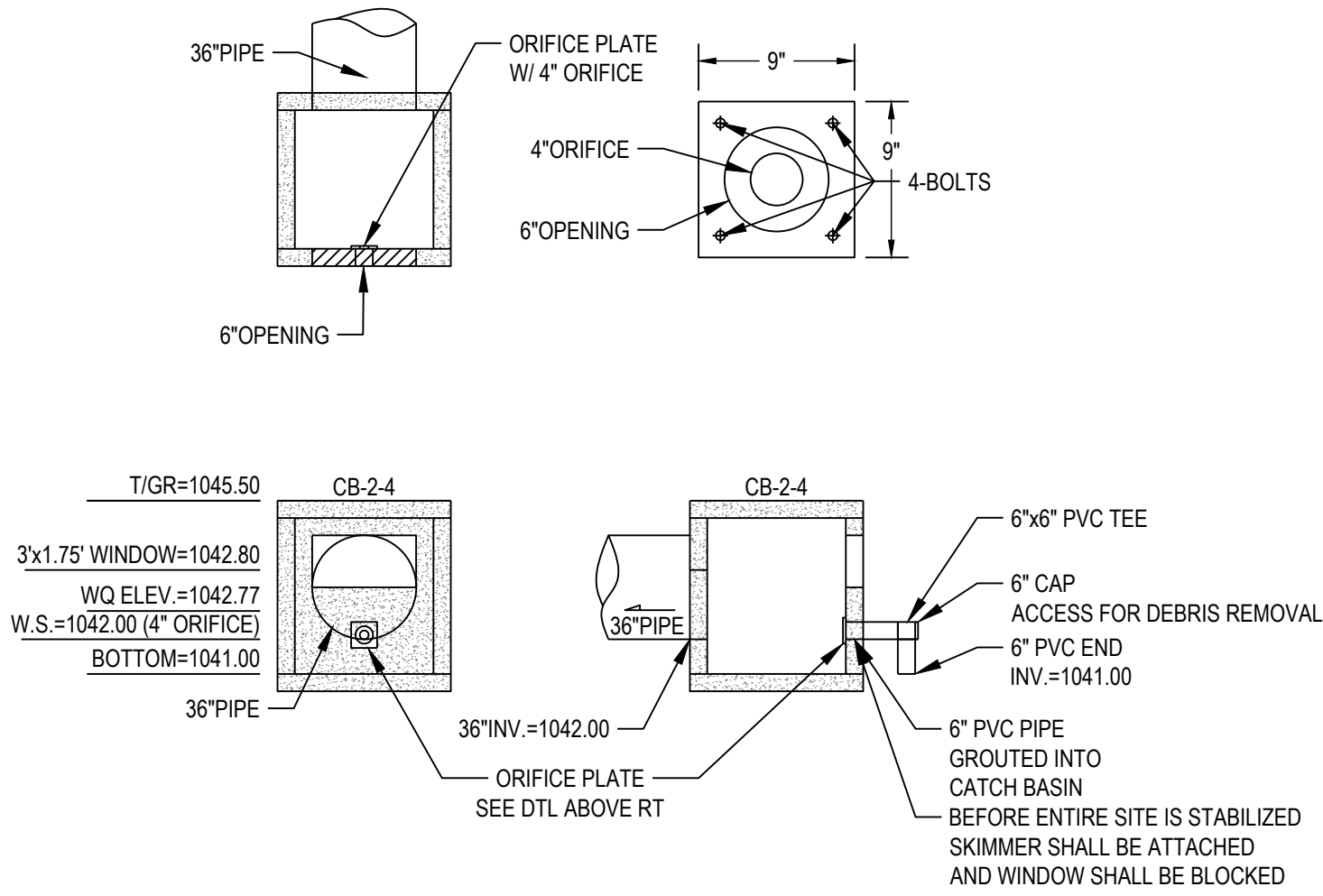
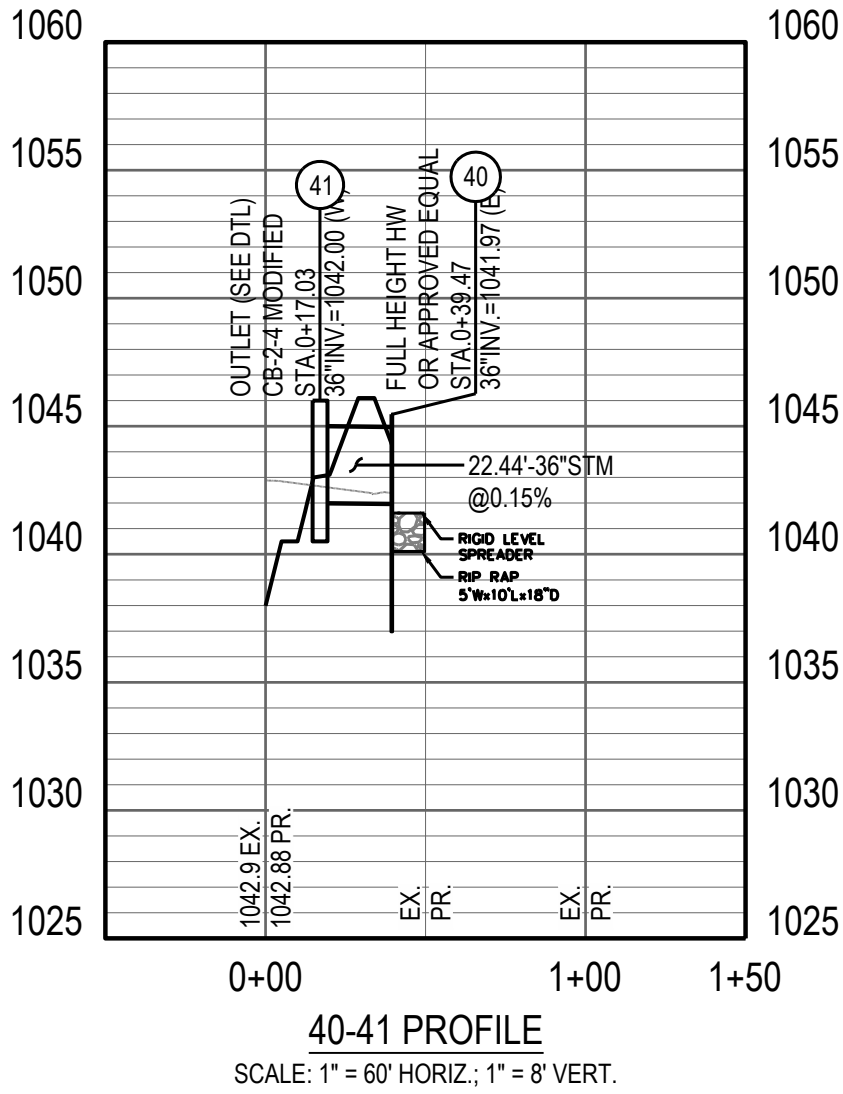
BASIN #	VOLUME (CF)	DAYS TO DRAIN	SKIMMER SIZE (IN.)	BARREL LENGTH (FT.)	ORIFICE RADIUS (IN.)
BASIN	141971	3	6	5	2.9

- NOTES:
1. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
 2. USE FAIRCLOTH SKIMMER OR APPROVED OTHER.

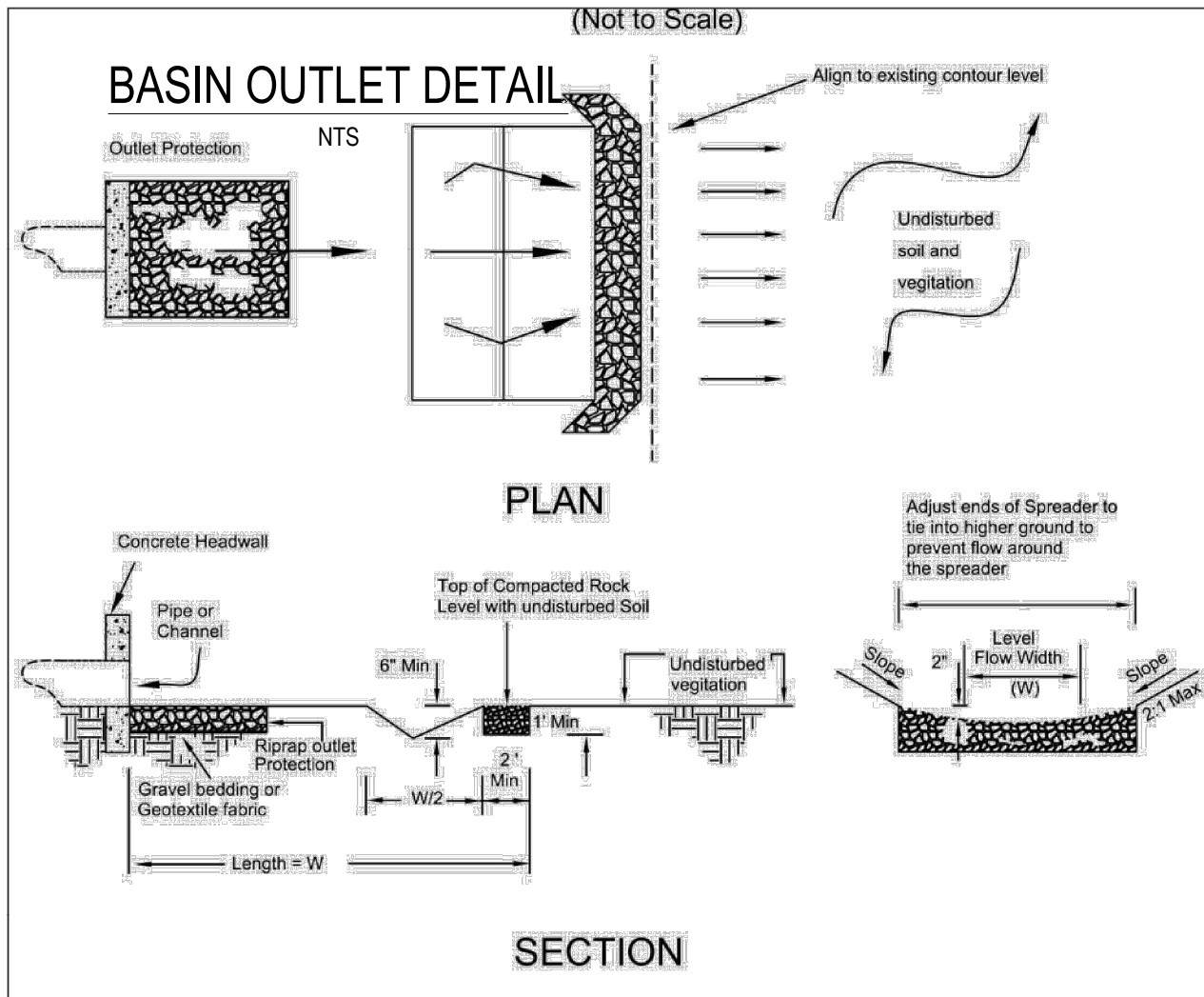
SEDIMENT BASIN SKIMMER

NTS

SEDIMENT CONTROL VOLUMES								
POND	DRAINAGE AREA (AC)	DISTURBED AREA (AC)	REQUIRED DEWATERING ZONE VOLUME (CF)	REQUIRED SEDIMENT ZONE VOLUME (CF)	PROVIDED DEWATERING ZONE VOLUME (CF)	PROVIDED SEDIMENT ZONE VOLUME(CF)	DEWATERING ZONE (FT) 1042.00-1045.50	SEDIMENT STORAGE ZONE (FT)
BASIN	17.62	17.62	31,716	17,620	94,345	119,447	1042.00 - 1045.50	1029.00 - 1042.00



Specifications for Rigid Lip Level Spreader



1. Construct level spreader on a level grade to ensure uniform spreading of storm runoff.
2. Level spreaders must be constructed on undisturbed soil, NOT on fill.
3. The level spreader must outlet to erosion-resistant areas with established existing vegetation.
4. Rock shall be ODOT Type D where 50% of the material by weight is larger than 6 inches, and 85% of the material by weight is larger than 3 inches but less than 12 inches.
5. Rock in level spreader shall be compacted with at least two passes of heavy machinery to prevent further settling. Spread gravel or soil over top of the placed riprap surface to fill the voids and interlock the riprap together.
6. Fertilizing, seeding, and mulching shall conform to the recommendations in the applicable vegetative specification.

TYPICAL MAINTENANCE ACTIVITIES FOR BASINS		
SCHEDULE	INSPECTION ITEM	ACTIVITY
MONTHLY	INLET/OUTLET STRUCTURE & SIDE SLOPES	- DO NOT FERTILIZE VEGETATION SURROUNDING BASIN. - MOW SIDE SLOPES.
ANNUALLY (AND AFTER LARGE STORM EVENTS)	INLET/OUTLET STRUCTURE & SIDE SLOPES	- REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM INLET AND OUTLET STRUCTURES.
BI-ANNUALLY	STORMWATER BASIN	- CHECK FOR SIGNS OF EUTROPHIC CONDITIONS (ALGAE BUILD-UP). - NOTE SIGNS OF HYDROCARBON BUILD-UP, REMOVE APPROPRIATELY.
ANNUALLY (AND AFTER LARGE STORM EVENTS)	STORMWATER BASIN	- INSPECT FOR DAMAGE, PAYING PARTICULAR ATTENTION TO THE OUTLET CONTROL STRUCTURE. - MONITOR SEDIMENT ACCUMULATION IN THE FACILITY. - EXAMINE TO ENSURE INLET AND OUTLET DEVICES ARE FREE OF DEBRIS AND ARE OPERATIONAL. - INSPECT FOR INVASIVE VEGETATION IF WETLAND COMPONENTS INCLUDED.
ANNUALLY	STORMWATER BASIN SEDIMENT ACCUMULATION	- MONITOR SEDIMENT ACCUMULATIONS, AND REMOVE SEDIMENT WHEN THE POOL VOLUME HAS BECOME REDUCED SIGNIFICANTLY (25% OF PERMANENT POOL VOLUME LOST), OR THE POND BECOMES EUTROPHIC
ANNUALLY	BASIN EMBANKMENT	- REPAIR UNDERCUT/ERODED AREAS AND STABILIZE.
ANNUALLY (AND AFTER LARGE STORM EVENTS)	STORM SEWER SYSTEM	- REMOVE DEBRIS FROM THE SEWER SYSTEM TO ENSURE POSITIVE FLOW TO THE BASIN.

REVISION DESCRIPTION
NO. DATE

HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

BASIN DETAILS

ISSUE:	
REVIEW	
DATE:	09/01/22
JOB NO.:	757660
DESIGN:	JEE
DRAWN:	SJS
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SHEET NO.	23

SITE DATA

OWNER/DEVELOPER:

CITY OF BROOKVILLE ARBOR HOMES
301 SYCAMORE ST. 9225 HARRISON PARK COURT
BROOKVILLE, OH 45309 INDIANAPOLIS, IN 46216

PLAN DESIGNER:

CESO, INC.
3601 RIGBY ROAD, STE 300
MIAMISBURG, OHIO 45342

DEVELOPMENT NAME AND DESCRIPTION:

HARPER CREEK IS A LOW DENSITY RESIDENTIAL SUBDIVISION THAT WILL
CONSIST OF 43 SINGLE FAMILY HOMES.

SITE ACREAGE:

THE SITE IS APPROXIMATELY 18.07 ACRES.
OVERALL 18.07 TOTAL ACRES WILL BE DISTURBED BY CONSTRUCTION.

RUNOFF COEFFICIENT:

PRE-CONSTRUCTION RUNOFF COEFFICIENT, C=0.40
POST-CONSTRUCTION RUNOFF COEFFICIENT, C=0.50

IMPERVIOUS AREA:

PRE-CONSTRUCTION - 0 ACRE, 0%
POST-CONSTRUCTION - 5.62 ACRE, 31.0%

PRIOR LAND USE

THE SITE WAS PREVIOUSLY OCCUPIED BY A COMBINATION ROW CROPS.

SOIL TYPES:

BROOKSTON SILTY CLAY - 45.4%
CELINA SILT LOAM - 49.1
CROSSBY SILT LOAM - 5.5%

ADJACENT AREAS:

THE SITE IS BOUND BY EAST UPPER LEWISBURG SALEM
ROAD TO THE NORTH, AND ALBERT ROAD TO THE EAST. THE
SITE IS SOUTH OF U.S. ROUTE 70 AND NORTH OF
WESTBROOK ROAD.

STORM WATER MANAGEMENT:

THE SITE DRAINS TO AN EXISTING UNNAMED TRIBUTARY THAT
OUTLETS INTO WOLF CREEK SOUTHWEST OF THE SITE.

SEQUENCE OF CONSTRUCTION

1. INSTALL CONSTRUCTION ENTRANCE, HAZARDOUS WASTE STORAGE AREA, VEHICLE REFUELING AREA, AND CONCRETE WASH PIT.
2. CLEAR & GRUB SITE
3. CONSTRUCT BASIN
4. ROUGH GRADE SITE
5. CONSTRUCT SANITARY, DISTURBING TRENCH AREA ONLY
6. INSTALL STORM & WATER LINE, PLACING INLET PROTECTION AS INLETS ARE CONSTRUCTED
7. GRADE STREETS FIXING INLET PROTECTION AS NEEDED
8. PAVE STREETS
9. FINAL GRADE LOTS
10. SEED & MULCH ALL DISTURBED AREAS
11. REMOVE ALL EROSION CONTROL PRACTICES

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT:

AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS, AND IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

GENERAL LAND CONSERVATION NOTES

NO DISTURBED AREA WILL BE DENUDE FOR MORE THAN 30 DAYS IF IT IS TO REMAIN DORMANT FOR MORE THAN 45 DAYS UNLESS AUTHORIZED BY THE STATE GOVERNING JURISDICTION'S INSPECTOR. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE.

ALL STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING FOR ALL SITES.

ALL STORM SEWER, SANITARY SEWER, WATER MAIN AND SERVICE TRENCHES SHALL BE MULCHED AND SEEDED WITHIN 14 DAYS AFTER BACK FILL. IF INSTALLATION IS THROUGH STABILIZED AREAS, NO MORE THAN 500 FEET OF TRENCH WILL BE OPEN AT ANY ONE TIME.

ELECTRIC POWER, TELEPHONE, CATV AND GAS SUPPLY TRENCHES SHALL BE COMPACTED SEEDED AND MULCHED WITHIN 14 DAYS AFTER BACK FILL. IF INSTALLATION IS THROUGH STABILIZED AREAS.

ALL TEMPORARY DIVERSIONS, SEDIMENT BASIN EMBANKMENTS AND EARTH STOCKPILES SHALL BE SEEDED AND MULCHED FOR TEMPORARY VEGETATIVE COVER WITHIN 7 DAYS AFTER GRADING. STRAW, HAY MULCH OR EQUIVALENT IS REQUIRED.

ALL STORM SEWER INLETS SHALL BE PROTECTED BY SEDIMENT TRAPS (INLET PROTECTION) WHICH WILL BE MAINTAINED AND MODIFIED AS REQUIRED AS CONSTRUCTION PROGRESSES.

ANY DISTURBED AREA NOT STABILIZED WITH SEEDING, SODDING, PAVING OR BUILT UPON BY NOVEMBER 1ST, OR AREAS DISTURBED AFTER THAT DATE, SHALL BE MULCHED IMMEDIATELY WITH HAY OR STRAW AT THE RATE OF 2 TONS PER ACRE AND OVER-SEEDED BY APRIL 15TH.

AT THE COMPLETION OF CONSTRUCTION, ALL TEMPORARY SEDIMENT CONTROLS SHALL BE REMOVED AND ALL DENUDE AREAS SHALL BE STABILIZED.

HOA SHALL MAINTAIN AND KEEP RECORD OF ANY MAINTENANCE/INSPECTIONS OF COMMON AREAS.

SWPPP NOTES

1. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE PERFORMED ACCORDING TO: SWPPP AND DETAIL PLANS, ACCORDING TO THE LATEST OHIO EPA AUTHORIZATION FOR CONSTRUCTION ACTIVITY UNDER THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES); ANY ADDITIONAL CONCRETE WASTE, WILL BE DISPOSED OF BY THE CONTRACTOR IN THE MANNER SPECIFIED BY FEDERAL, STATE AND LOCAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. AS SOON AS POSSIBLE, THE SPILL WILL BE REPORTED TO THE APPROPRIATE AGENCIES. AS REQUIRED UNDER THE PROVISIONS OF THE CLEAN WATER ACT, ANY SPILL OR DISCHARGE ENTERING WATERS OF THE UNITED STATES WILL BE PROPERLY REPORTED. THE GENERAL CONTRACTOR WILL PREPARE A WRITTEN RECORD OF ANY SPILL AND ASSOCIATED CLEAN-UP ACTIVITIES OF PETROLEUM PRODUCTS OR HAZARDOUS MATERIALS IN EXCESS OF 1 GALLON OR REPORTABLE QUANTITIES, WHICH EVER IS LESS.
2. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AND GRADE CHANGES TO THE SITE AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
3. CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE MAXIMUM EXTENT POSSIBLE OR AS REQUIRED BY THE GENERAL PERMIT. EVERY EFFORT SHALL BE MADE TO PRESERVE THE NATURAL RIPARIAN SETBACK ADJACENT TO STREAMS OR OTHER SURFACE WATER BODIES.
4. SEDIMENT STRUCTURE AND PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING WITHIN SEVEN (7) DAYS FROM THE START OF CLEARING AND GRUBBING, AND SHALL CONTINUE TO FUNCTION UNTIL THE SLOPE DEVELOPMENT AREA IS RESTABILIZED. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED FOR OVER 14 DAYS.
5. TEMPORARY SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION, AND OTHER APPROVED TECHNIQUES TO BE APPLIED AS FOLLOWS:
WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM NOT AT FINAL GRADE REMAINING DORMANT FOR OVER FOURTEEN (14) DAYS.
WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR MORE THAN FOURTEEN (14) DAYS. PRIOR TO THE ONSET OF WINTER WEATHER FOR AREAS THAT WILL BE IDLE OVER WINTER. FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN (7) DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR INDIVIDUALS.
6. PERMANENT SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF VEGETATION, LANDSCAPE TYPE MULCHING, MATTING, SOD, RIP RAP, AND OTHER APPROVED LANDSCAPING TECHNIQUES TO BE APPLIED AS FOLLOWS:
WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR ONE (1) YEAR OR MORE.
WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM AT FINAL GRADE.
WITHIN SEVEN (7) DAYS FOR ANY OTHER AREA AT FINAL GRADE.
7. TEMPORARY SEEDING, MULCHING, AND FERTILIZER SPECIFICATIONS:
SEEDING: ANNUAL RYEGRASS AT 2.02 #/1,000 S.F.
MULCHING: STRAW MATERIAL SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT A RATE OF TWO (2) TON/ACRE, OR 80-100 POUNDS PER 1,000 S.F. MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDS AND SHALL BE FREE OF PROHIBITIVE NOXIOUS WEEDS. MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICAL MEANS. FROM NOVEMBER 01 THRU MARCH 15 INCREASE THE RATE OF STRAW MULCH TO THREE (3) TON/ACRE.
FERTILIZER: APPLY FERTILIZER AT HALF THE RATE OF PERMANENT APPLICATION AND AS PER STATE DOT SPECIFICATIONS. IF PROJECT CONDITIONS PREVENT FERTILIZING THE SOIL, THEN THIS ITEM MAY BE WAIVED.
8. PERMANENT SEEDING SHALL BE IN ACCORDANCE WITH ODOT STANDARD SPECIFICATIONS.
9. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION. ALL SLOPES 3:1 OR GREATER THAN 3:1 SHALL BE FERTILIZED, SEEDED, AND CURLEX BLANKETS BY AMERICAN EXCELSIOR COMPANY, NORTH AMERICAN GREEN, INC. OR AN APPROVED EQUAL AS SPECIFIED IN THE PLANS SHALL BE INSTALLED ON THE SLOPES.
10. OHIO EPA SWPPP REGULATIONS REQUIRES THAT A SEDIMENT TRAP OR POND BE SIZED TO PROVIDE AT LEAST 104 CUBIC YARDS (67 CY FOR DEWATERING AND 37 CY FOR SEDIMENT STORAGE) OF STORAGE PER ACRE OF TOTAL CONTRIBUTING AREA. MAXIMUM DEPTH OF SEDIMENT SETTLING POND SHALL BE EQUAL OR LESS THAN 5-FEET WITH A LENGTH TO WIDTH RATIO GREATER THAN OR EQUAL TO 2:1)
11. OUTLET STRUCTURES IN SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT MUST BE REMOVED FROM BASINS AND OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 40% (APPROXIMATELY ONE-HALF OF POND DEPTH).
12. NO SOLID (OTHER THAN SEDIMENT) OR LIQUID WASTE, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED IN STORM WATER RUNOFF.
13. ALL TOXIC WASTES, HAZARDOUS WASTES AND NON-SEDIMENT POLLUTANTS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL GUIDELINES. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN DESIGNATED PIT OR DIKED AREA, WHERE WASHINGS CAN BE REMOVED AND PROPERLY DISPOSED OFF-SITE WHEN THEY HARDEN. STORAGE TANKS SHOULD ALSO BE LOCATED IN PIT OR DIKED AREAS. IN ADDITION, SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CLEAN AND CONTAIN FUEL AND CHEMICAL SPILLS MUST BE KEPT ON SITE. NO TOXIC OR HAZARDOUS WASTES SHALL BE DISPOSED INTO STORM DRAINS, SEPTIC TANKS OR BY BURYING, BURNING OR MIXING THE WASTES.
14. CONTAINERS SHALL BE AVAILABLE FOR DISPOSAL OF DEBRIS, TRASH, HAZARDOUS OR PETROLEUM WASTES. ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THE PERTINENT MATERIAL.
15. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
16. BRICKS, HARDENING CONCRETE AND SOIL WASTE SHALL BE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATERS OF THE STATE.
17. CLEAN CONSTRUCTION WASTES THAT WILL BE DISPOSED INTO THE PROPERTY SHALL BE SUBJECT TO ANY LOCAL PROHIBITIONS FROM THIS TYPE OF DISPOSAL.
18. ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&DD) WASTE SHALL BE DISPOSED OF IN AN OHIO EPA APPROVED C&DD LANDFILL AS REQUIRED BY OHIO REVISED CODE 3714. CONSTRUCTION DEBRIS MAY BE DISPOSED OF ON-SITE, BUT DEMOLITION DEBRIS MUST BE DISPOSED IN AN OHIO EPA APPROVED LANDFILL. ALSO, MATERIALS WHICH CONTAIN ASBESTOS MUST COMPLY WITH AIR POLLUTION REGULATIONS (SEE OHIO ADMINISTRATIVE CODE 3745-20).
19. AREA SHALL BE DESIGNATED FOR MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME, ASPHALT, OR CONCRETE. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORMWATER DRAINAGE AREA.
20. EQUIPMENT FUELING & MAINTENANCE SHALL BE IN DESIGNATED AREAS ONLY. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORMWATER DRAINAGE AREA.
21. A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN MUST BE DEVELOPED FOR SITES WITH ONE ABOVE-GROUND STORAGE TANK OF 660 GALLONS OR MORE, TOTAL ABOVE-GROUND STORAGE OF 1,330 GALLONS OR BELOW-GROUND STORAGE OF 4,200 GALLONS OF FUEL.
22. ALL DESIGNATED CONCRETE CHUTE OR WASHOUT AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS OR OTHER STORMWATER DRAINAGE AREAS.
23. THERE IS A POTENTIAL FOR HIGH GROUND WATER AT THIS SITE. CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND IMPLEMENTING A PLAN TO CONTROL BOTH SURFACE AND GROUND WATER DURING THE COURSE OF CONSTRUCTION.
24. DISCHARGE OF WATER WITH POTENTIAL SEDIMENT FROM THE SITE SHALL BE THROUGH A FILTER BAG, SUMP PIT OR OTHER SEDIMENT REMOVAL DEVICE.
25. ALL CONTAMINATED SOIL MUST BE TREATED AND/OR DISPOSED IN AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES (TSD/FS).
26. IF THE SITE CONTAINS CONTAMINATED SOIL, THE FOLLOWING SHALL BE USED TO PREVENT CONTAMINATION FROM BEING RELEASED:
1. BERMS, TRENCHES AND PITS TO COLLECT CONTAMINATED RUNOFF AND PREVENT DISCHARGES.
2. PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR APPROVAL OF THE SANITARY SYSTEM OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO AN APPROPRIATE TREATMENT/DISPOSAL FACILITY.
3. COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORM WATER FROM COMING INTO CONTACT WITH THE MATERIAL.

SWPPP NOTES (CONT.)

27. IN THE EVENT OF AN ACCIDENTAL SPILL, IMMEDIATE ACTION WILL BE UNDERTAKEN BY THE GENERAL CONTRACTOR TO OBTAIN AND REMOVE THE SPILLED MATERIAL. ALL HAZARDOUS MATERIALS, INCLUDING CONTAMINATED SOIL AND LIQUID CONCRETE WASTE, WILL BE DISPOSED OF BY THE CONTRACTOR IN THE MANNER SPECIFIED BY FEDERAL, STATE AND LOCAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. AS SOON AS POSSIBLE, THE SPILL WILL BE REPORTED TO THE APPROPRIATE AGENCIES. AS REQUIRED UNDER THE PROVISIONS OF THE CLEAN WATER ACT, ANY SPILL OR DISCHARGE ENTERING WATERS OF THE UNITED STATES WILL BE PROPERLY REPORTED. THE GENERAL CONTRACTOR WILL PREPARE A WRITTEN RECORD OF ANY SPILL AND ASSOCIATED CLEAN-UP ACTIVITIES OF PETROLEUM PRODUCTS OR HAZARDOUS MATERIALS IN EXCESS OF 1 GALLON OR REPORTABLE QUANTITIES, WHICH EVER IS LESS.
28. THE CONTRACTOR SHALL CONTACT THE OHIO EPA AT 800.282.9378, THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE IN THE EVENT OF A PETROLEUM SPILL (>25 GALLONS) OR THE PRESENCE OF SHEEN.
29. OPEN BURNING IS NOT PERMITTED ON THE SITE.
30. DUST CONTROL USING APPROVED MATERIALS MUST BE PERFORMED AT ALL TIMES. DUST SUPPRESSANTS SHALL NOT BE APPLIED NEAR CATCH BASINS FOR STORM SEWERS OR OTHER DRAINAGE WAYS. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
31. APPROPRIATE MEASURES MUST BE TAKEN TO ENSURE THAT ALL PROPER AIR POLLUTION PERMITS ARE OBTAINED.
32. PROCESS WASTEWATERS (EQUIPMENT WASHING, LEACHATE ASSOCIATED WITH ON-SITE WASTE DISPOSAL AND CONCRETE WASH-OUTS) SHALL BE COLLECTED AND DISPOSED OF PROPERLY.
33. SANITARY AND WATER PTI FORMS SHALL BE FILED WITH THE OHIO EPA AS REQUIRED.
34. PROTECTED STORAGE AREAS SHALL BE USED FOR INDUSTRIAL AND CONSTRUCTION MATERIALS IN ORDER TO MINIMIZE THE EXPOSURE OF SUCH MATERIALS TO STORMWATER.
35. ALL CONTROL MEASURES STATED IN THE SWPPP SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE SITE IS ACHIEVED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY A QUALIFIED PERSON IN ACCORDANCE TO THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED ACCORDING TO THE FOLLOWING:
36. INSPECTIONS OF BMPS SHALL BE PERFORMED BY QUALIFIED PERSONS PROVIDED BY THE PERMITTEE AND THE INSPECTION LOGS ARE TO BECOME A PART OF THIS PLAN. INSPECTIONS RECORDS SHALL BE SIGNED BY THE INSPECTOR AND WILL BE KEPT FOR 3 YEARS AFTER THE NOTICE OF TERMINATION IS SUBMITTED.
37. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE IN EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD, FROM THE BEGINNING OF CONSTRUCTION THROUGH THE FINAL INSPECTION PRIOR TO THE NOTICE OF TERMINATION.
38. NON-SEDIMENT POND BMPS TO BE REPAIRED WITHIN 3 DAYS OF INSPECTION AND SEDIMENT POND BMPS WITHIN 10 DAYS OF INSPECTION. BMPS NOT MEETING THE INTENDED FUNCTION SHALL BE REPLACED WITHIN 10 DAYS OF INSPECTION. MISSING BMPS SHALL BE INSTALLED WITHIN 10 DAYS OF INSPECTION.
39. IF THE SITE IS STABILIZED AND WILL BE DORMANT FOR A LONG PERIOD OF TIME, LESS FREQUENT INSPECTIONS MAY BE REQUESTED OF THE OEPA VIA A WAIVER REQUEST.
40. INLET PROTECTION DEVICES AND CONTROLS SHALL BE REPAIRED OR REPLACED WHEN THEY SHOW SIGNS OF UNDERMINING AND OR DETERIORATION.
41. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STANDING OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
42. SILT FENCES, INLET PROTECTION, SILT DIKES AND PERVIOUS LOGS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED. SEDIMENT ACCUMULATION MUST BE REMOVED WHEN SEDIMENT HEIGHT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE, INLET PROTECTION, SILT DIKE AND PERVIOUS LOG.
43. MINIMIZE OFF-SITE SEDIMENT TRACKING OF VEHICLES BY THE USE OF STONE MATERIAL IN ALL CONSTRUCTION ENTRANCES, ALONG WITH REGULARLY SCHEDULED SWEEPING/GOOD HOUSEKEEPING. STABILIZED CONSTRUCTION ENTRANCES TO BE PROPERLY MAINTAINED AND IN GOOD WORKING ORDER AT ALL TIMES. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE STONE AS CONDITIONS DEMAND.
44. IF THE ACTION OF VEHICLES TRAVELING OVER THE STABILIZED CONSTRUCTION ENTRANCE DOES NOT SUFFICIENTLY REMOVE MOST OF THE DIRT AND MUD, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
45. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE ROADWAYS OR INTO THE STORM SEWERS MUST BE REMOVED IMMEDIATELY.
46. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
47. CONTRACTORS AND SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ALL SEDIMENT FROM THE SITE, INCLUDING DETENTION PONDS, AND STORM SEWER SYSTEMS. SEDIMENT DEPOSITION DURING SITE STABILIZATION MUST ALSO BE REMOVED.
48. ALL RIP RAP MUST BE PLACED OVER GEOTEXTILE FILTER.
49. STONE CONSTRUCTION ENTRANCE TO BE MAINTAINED BY CONTRACTOR UNTIL SITE HAS BEEN PAVED OR IS NO LONGER REQUIRED.
50. ALL CATCH BASIN GRATES ARE TO BE PROTECTED WITH INLET BAGS AFTER THEY ARE INSTALLED. THEY SHOULD BE ROUTINELY CLEANED AND MAINTAINED.
51. ROCK CHECK DAMS SHOULD BE ROUTINELY CLEANED ONCE SEDIMENT BEGINS TO APPEAR ON THE UPSTREAM SIDE OF THE ROCK.
52. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION BY THE USE OF BEST MANAGEMENT PRACTICES. THESE AREAS MUST BE SHOWN IN THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
53. CONTRACTOR TO DELINEATE STOCK PILE LOCATION ON PLANS TO BE KEPT ON SITE DURING CONSTRUCTION.
54. CONSTRUCT STOCKPILES IN ACCESSIBLE LOCATIONS THAT DO NOT INTERFERE WITH NATURAL DRAINAGE. INSTALL APPROPRIATE SEDIMENT CONTROLS TO TRAP SEDIMENT SUCH AS SILT FENCE IMMEDIATELY ADJACENT TO THE STOCKPILE OR SEDIMENT TRAPS OR BASINS DOWNSTREAM OF STOCKPILE. STOCKPILE SIDE SLOPES SHALL NOT EXCEED A RATIO OF 2:1.
55. IF STOCKPILE IS STORED FOR MORE THAN 14 DAYS, IT SHOULD BE TEMPORARY SEEDED, OR COVERED WITH A TARP.
56. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH DAY; THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR ASPHALT FOR ROAD CONSTRUCTION.
57. THE LAST LAYER OF SOIL, INCLUDING TOP SOIL SHOULD BE COMPACTED TO 80% - 85% OF THE MAXIMUM STANDARD PROCTOR DENSITY, IN AREAS OUTSIDE THE PARKING LOT THAT WILL RECEIVE VEGETATION. THIS IS PARTICULARLY IMPORTANT IN CUT SLOPE AND EMBANKMENT AREAS. IN PAVEMENT AND ISLAND AREAS, IT IS RECOMMENDED THAT THE SOIL BE COMPACTED TO 98% AND 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY RESPECTIVELY. THE LAST COMPACTED LAYER MAY BE SCARIFIED TO IMPROVE THE SOIL GROWTH CHARACTERISTICS.
58. THE POST CONSTRUCTION WATER QUALITY REQUIREMENTS OF OHIO EPA PERMIT OHC000005 SHALL BE MET BY THE EXISTING WATER QUALITY BASIN.
59. ALL WATER FROM DEWATERING ACTIVITIES SHALL BE PROCESSED THROUGH A BMP PRIOR TO LEAVING THE SITE.

STRUCTURAL BMP LONG-TERM MAINTENANCE (GENERAL NOTES)

1. THE OWNER AGREES TO MAINTAIN IN PERPETUITY THE STORM WATER MANAGEMENT PRACTICES IN ACCORDANCE WITH APPROVED MAINTENANCE PLANS LISTED IN #2 BELOW AND IN A MANNER THAT WILL PERMIT THE STORM WATER MANAGEMENT PRACTICES TO PERFORM THE PURPOSES FOR WHICH THEY WERE DESIGNED AND CONSTRUCTED. THIS INCLUDES ALL PIPES, STRUCTURES, IMPROVEMENTS, AND VEGETATION PROVIDED TO CONTROL THE QUANTITY OF THE STORM WATER.
2. NO ALTERATIONS TO THE WATER QUALITY/DETENTION BASINS WITHOUT APPROVAL FROM THE JURISDICTIONAL REVIEWING AUTHORITY.
3. THE OWNER SHALL PROVIDE A MAINTENANCE PLAN FOR EACH STORM WATER MANAGEMENT PRACTICE. THE MAINTENANCE PLANS SHALL INCLUDE A SCHEDULE FOR MONTHLY AND ANNUAL MAINTENANCE. THE OWNER SHALL MAINTAIN, UPDATE AND STORE THE MAINTENANCE RECORDS FOR THE STORM WATER MANAGEMENT PRACTICES. THE SPECIFIC MAINTENANCE PLANS FOR EACH STORM WATER MANAGEMENT PRACTICE ARE AS FOLLOWS.

MAINTENANCE TO BE COMPLETED EVERY 3 MONTHS

- REMOVE TRASH AND/OR ACCUMULATED SEDIMENT FROM POND AREA.
- REMOVE OBSTRUCTIONS IN ORIFICES AND/OR OUTLETS WITHIN POND.
- REMOVE DEBRIS AND SEDIMENT FROM INLET PIPES, OUTLET PIPES AND STRUCTURES.

MAINTENANCE TO BE COMPLETED YEARLY

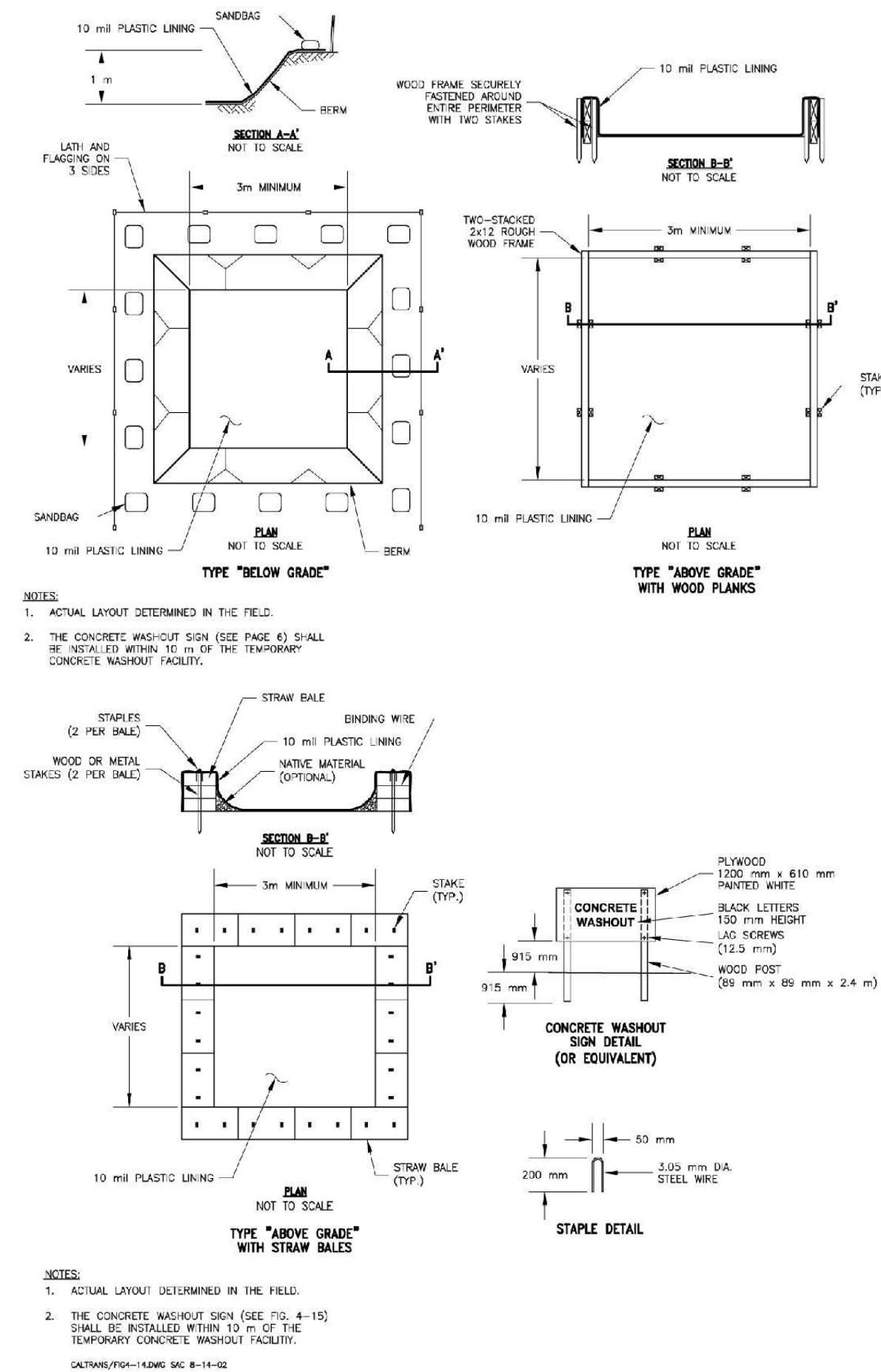
- REPAIR EROSION TO OUTFALL OR SPILLWAY OF THE POND
- REPAIR AND/OR REPLACE DAMAGED STRUCTURES, SUCH AS CATCH BASINS, RISERS, PIPES AND HEADWALLS.
- MOW EMBANKMENTS AND REMOVE WOODY VEGETATION ON EMBANKMENTS

YEARLY REPORT REQUIREMENTS

SKETCH SHOWING GENERAL AREA OF BMP'S, SUMMARY OF ALL MAINTENANCE ACTIVITIES SINCE LAST ANNUAL INSPECTION, PHOTOS AND DESCRIPTION OF ALL BMP DESIGN FEATURES, INDICATION OF ANY DEVIATION FROM APPROVED PLAN FOR BMP, IDENTIFICATION OF IMPROVEMENTS NECESSARY TO RESTORE ORIGINAL DESIGN FUNCTION, MAINTENANCE ACTIVITIES REQUIRED IN THE NEXT 6 MONTHS, IDENTIFICATION AND CONTACT INFORMATION OF ENTITY RESPONSIBLE FOR BMP, AND IDENTIFICATION AND CONTACT INFORMATION FOR ENGINEER PREPARING THE REPORT INCLUDING SIGNATURE AND SEAL.

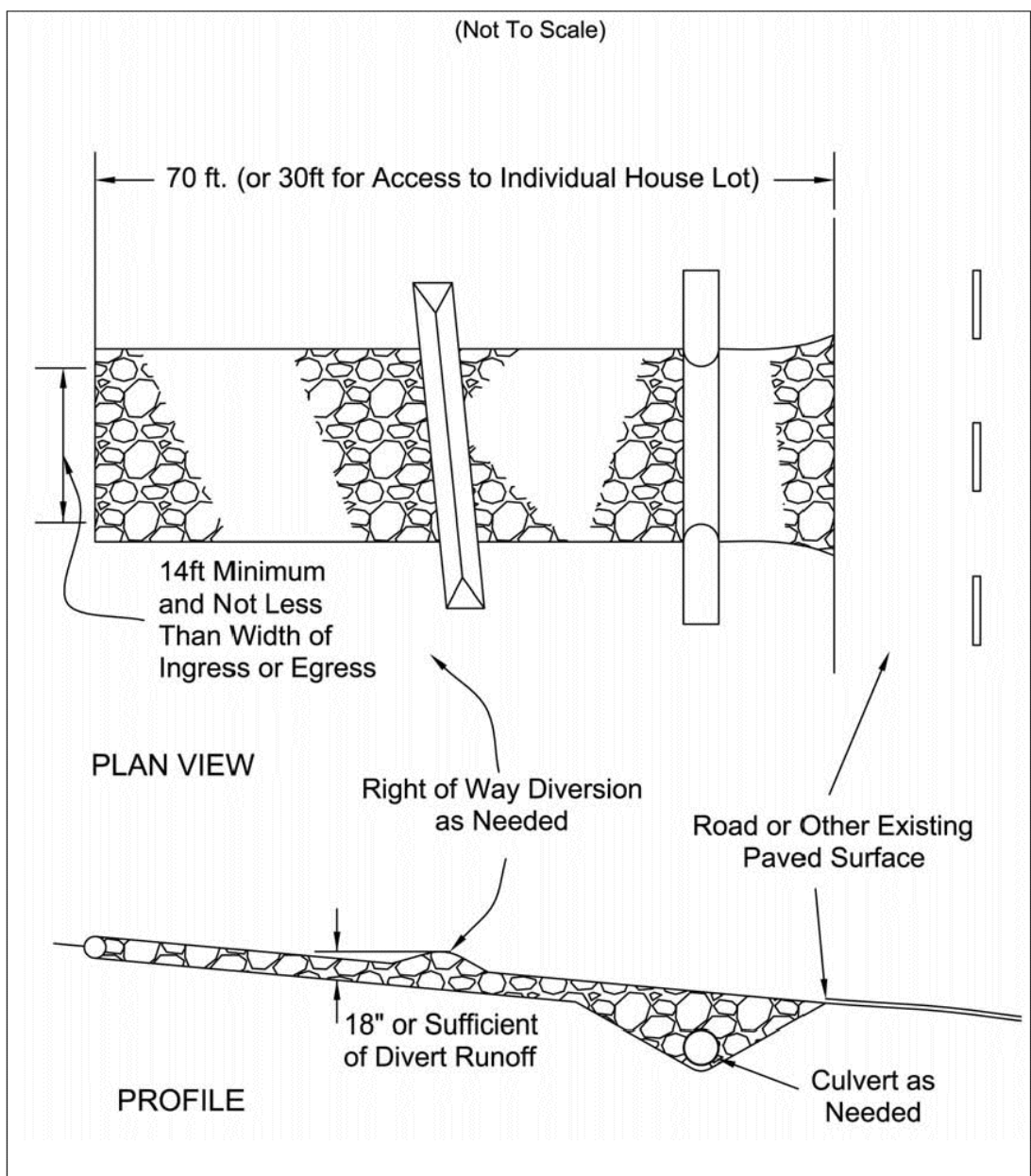
 CESO WWW.CESOINC.COM	
REVISION DESCRIPTION	
DATE	
NO.	
HARPER CREEK	
CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO	
SWPPP NOTES	
ISSUE: REVIEW DATE: 09/01/22	
JOB NO.:	757660
DESIGN:	JEE
DRAWN:	SJS
CHECKED:	JEE
SHEET NO. 24	





CONCRETE WASHOUT DETAILS

Specifications for Construction Entrance

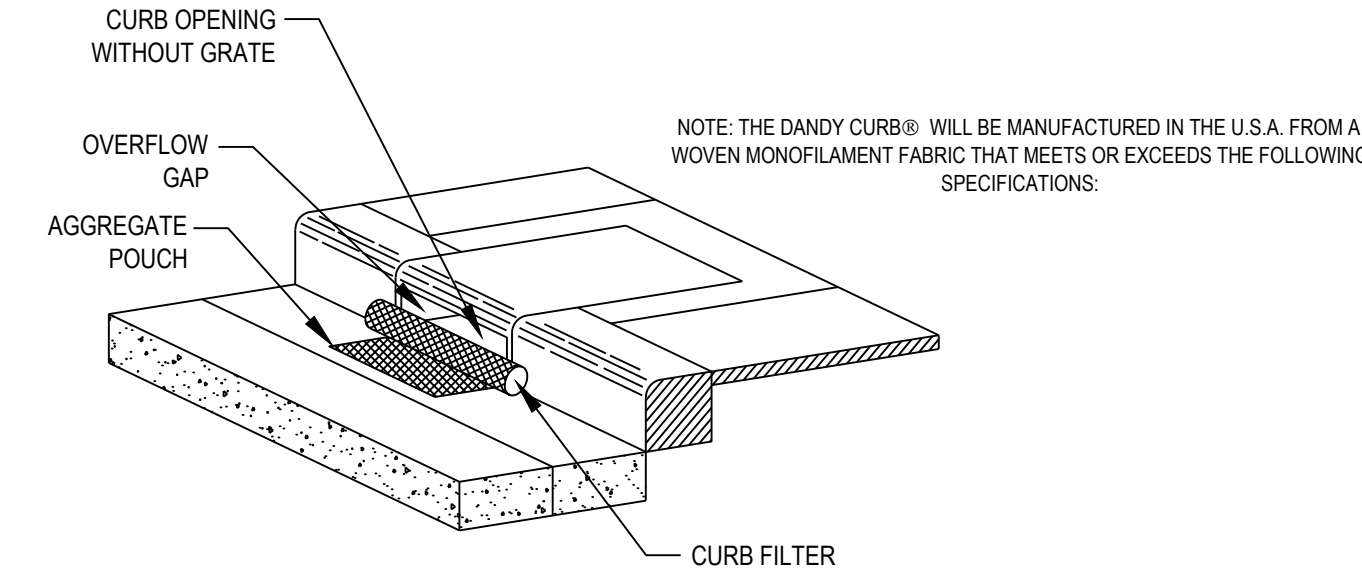


Specifications for Construction Entrance

- 1. Stone Size—ODOT # 2 (1.5-2.5 inch) stone shall be used, or recycled concrete equivalent.
- 2. Length—The Construction entrance shall be as long as required to stabilize high traffic areas but not less than 70 ft. (exception: apply 30 ft. minimum to single residence lots).
- 3. Thickness -The stone layer shall be at least 6 inches thick for light duty entrances or at least 10 inches for heavy duty use.
- 4. Width -The entrance shall be at least 14 feet wide, but not less than the full width at points where ingress or egress occurs.
- 5. Geotextile -A geotextile shall be laid over the entire area prior to placing stone. It shall be composed of strong rot-proof polymeric fibers and meet the following specifications:
- 6. Timing—The construction entrance shall be installed as soon as is practicable before major grading activities.
- 7. Culvert -A pipe or culvert shall be constructed under the entrance if needed to prevent surface water from flowing across the entrance or to prevent runoff from being directed out onto paved surfaces.
- 8. Water Bar -A water bar shall be constructed as part of the construction entrance if needed to prevent surface runoff from flowing the length of the construction entrance and out onto paved surfaces.
- 9. Maintenance -Top dressing of additional stone shall be applied as conditions demand. Mud spilled, dropped, washed or tracked onto public roads, or any surface where runoff is not checked by sediment controls, shall be removed immediately. Removal shall be accomplished by scraping or sweeping.
- 10. Construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction-site shall be restricted from muddy areas.
- 11. Removal—the entrance shall remain in place until the disturbed area is stabilized or replaced with a permanent roadway or entrance.

Figure 7.4.1 Geotextile Specification for Construction Entrance

Minimum Tensile Strength	200 lbs.
Minimum Puncture Strength	80 psi.
Minimum Tear Strength	50 lbs.
Minimum Burst Strength	320 psi.
Minimum Elongation	20%
Equivalent Opening Size	EOS < 0.6 mm.
Permittivity	1x10-3 cm/sec.



DANDY CURB® SPECIFICATIONS

DANDY CURB™ (SAFETY ORANGE)

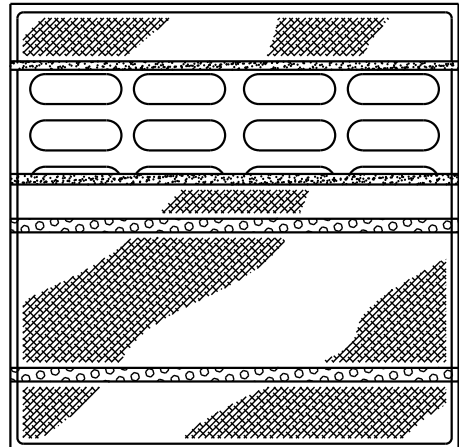
MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	kN (lbs)	1.62 (365) x 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 x 10
PUNCTURE STRENGTH	ASTM D 4833	kN (lbs)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	kPa (psi)	3097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	kN (lbs)	0.51 (115) x 0.33 (75)
UV RESISTANCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
FLOW RATE	ASTM D 4491	l/min/m ² (gal/min/ft ²)	5907 (145)
PERMITTIVITY	ASTM D 4491	Sec ⁻¹	2.1

*NOTE: ALL DANDY CURBS™ CAN BE ORDERED WITH OUR OPTIONAL OIL ABSORBENTS

DANDY CURB DETAIL

N.T.S.

SEE SHEET 7 & 8 FOR SPECIFIC LOCATION OF EACH DANDY CURB.



DANDY BAG® SPECIFICATIONS

*Note: THE DANDY BAG® WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

HI-FLOW DANDY BAG® (SAFETY ORANGE)

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	kN (lbs)	1.62 (365) x 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 x 10
PUNCTURE STRENGTH	ASTM D 4833	kN (lbs)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	kPa (lbs)	3097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	kN (lbs)	0.51 (115) x 0.33 (75)
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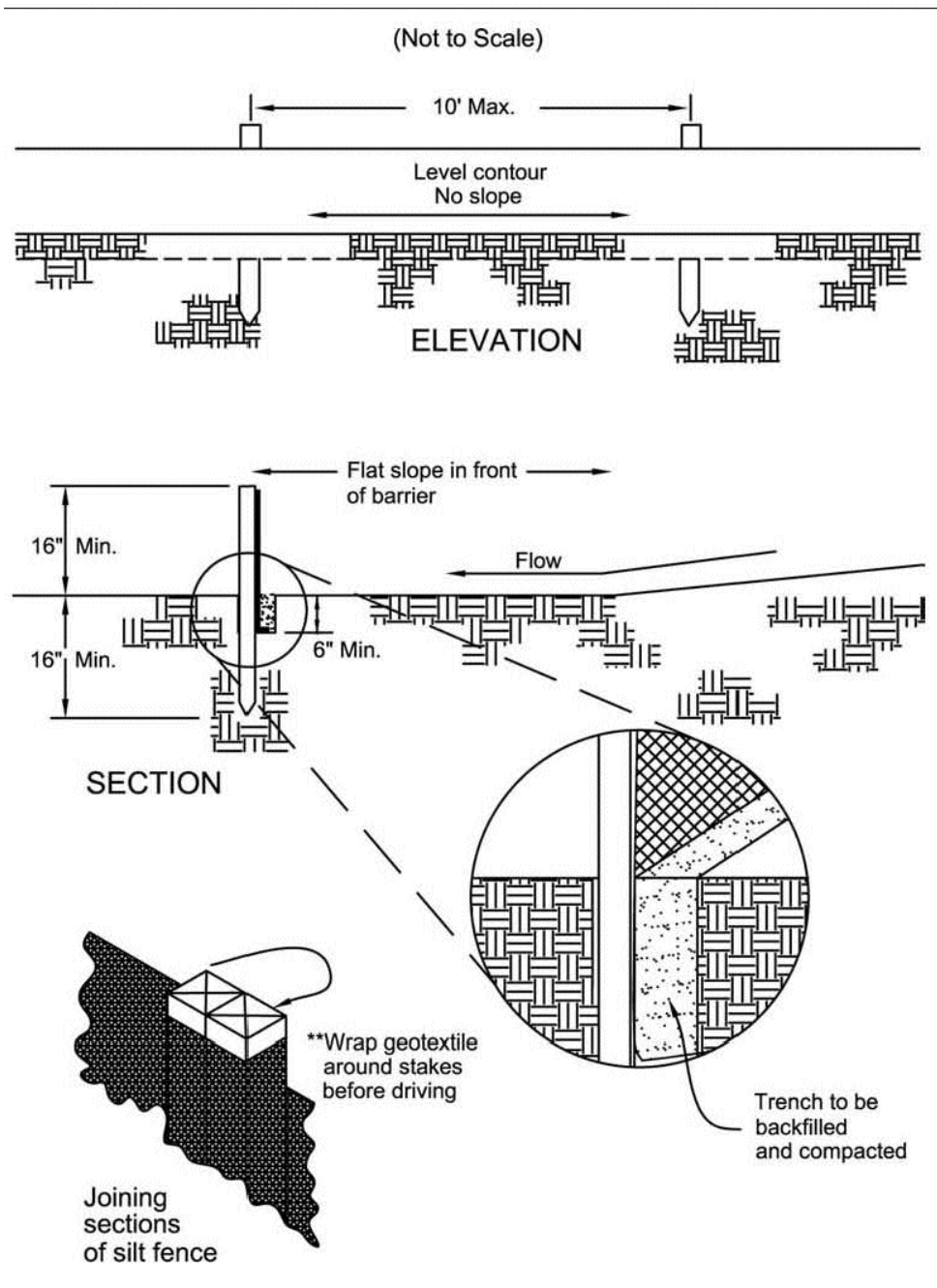
*Note: All Dandy Bags® can be ordered with our optional oil absorbent pillows

DANDY BAG DETAIL

N.T.S.

SEE SHEET 7 & 8 FOR SPECIFIC LOCATION OF EACH DANDY BAG.

Specifications for Silt Fence



- 1. Silt fence shall be constructed before upslope land disturbance begins.
- 2. All silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small swales or depressions that may carry small concentrated flows to the silt fence are dissipated along its length.
- 3. Ends of the silt fences shall be brought upslope slightly so that water ponded by the silt fence will be prevented from flowing around the ends.
- 4. Silt fence shall be placed on the flattest area available.
- 5. Where possible, vegetation shall be preserved for 5 feet (or as much as possible) upslope from the silt fence. If vegetation is removed, it shall be reestablished within 7 days from the installation of the silt fence.
- 6. The height of the silt fence shall be a minimum of 16 inches above the original ground surface.
- 7. The silt fence shall be placed in an excavated or sliced trench cut a minimum of 6 inches deep. The trench shall be made with a trencher, cable laying machine, slicing machine, or other suitable device that will ensure an adequately uniform trench depth.
- 8. The silt fence shall be placed with the stakes on the downslope side of the geotextile. A minimum of 8 inches of geotextile must be below the ground surface. Excess material shall lay on the bottom of the 6-inch deep trench. The trench shall be backfilled and compacted on both sides of the fabric.
- 9. Seams between sections of silt fence shall be spliced together only at a support post with a minimum 6-in. overlap prior to driving into the ground, (see details).
- 10. Maintenance—Silt fence shall allow runoff to pass only as diffuse flow through the geotextile. If runoff overtops the silt fence, flows under the fabric or around the fence ends, or in any other way allows a concentrated flow discharge, one of the following shall be performed, as appropriate: 1) the layout of the silt fence shall be changed, 2) accumulated sediment shall be removed, or 3) other practices shall be installed.

Sediment deposits shall be routinely removed when the deposit reaches approximately one-half of the height of the silt fence.

Silt fences shall be inspected after each rainfall and at least daily during a prolonged rainfall. The location of existing silt fence shall be reviewed daily to ensure its proper location and effectiveness. If damaged, the silt fence shall be repaired immediately.

Criteria for silt fence materials

- 1. Fence post –The length shall be a minimum of 32 inches. Wood posts will be 2-by-2-in. nominal dimensioned hardwood of sound quality. They shall be free of knots, splits and other visible imperfections, that will weaken the posts. The maximum spacing between posts shall be 10 ft. Posts shall be driven a minimum 16 inches into the ground, where possible. If not possible, the posts shall be adequately secured to prevent overturning of the fence due to sediment/water loading.
- 2. Silt fence fabric – See chart below.

Table 6.3.2 Minimum criteria for Silt Fence Fabric (ODOT, 2002)

FABRIC PROPERTIES	VALUES	TEST METHOD
Minimum Tensile Strength	120 lbs. (535 N)	ASTM D 4632
Maximum Elongation at 60 lbs	50%	ASTM D 4632
Minimum Puncture Strength	50 lbs (220 N)	ASTM D 4833
Minimum Tear Strength	40 lbs (180 N)	ASTM D 4533
Apparent Opening Size	< 0.84 mm	ASTM D 4751
Minimum Permittivity	1X10-2 sec.-1	ASTM D 4491
UV Exposure Strength Retention	70%	ASTM G 4355



REVISION DESCRIPTION

NO. DATE

HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

SWPPP DETAILS

ISSUE:
REVIEW
DATE:
09/01/22

JOB NO.: 757660
DESIGN: JEE
DRAWN: SJS
CHECKED: JEE

SHEET NO.
25

Specifications
for
Mulching

- Mulch and other appropriate vegetative practices shall be applied to disturbed areas within 7 days of grading if the area is to remain dormant (undisturbed) for more than 21 days or on areas and portions of the site which can be brought to final grade.
- Mulch shall consist of one of the following:
 - Straw - Straw shall be unrotted small grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The straw mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000 sq.ft. sections and place two 45-lb. bales of straw in each section.
 - Hydroseeders - Wood cellulose fiber should be used at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
 - Other - Acceptable mulches include mulch mattings and rolled erosion control products applied according to manufacturer's recommendations or wood mulch/chips applied at 10-20 tons/ac.
- Mulch Anchoring - Mulch shall be anchored immediately to minimize loss by wind or runoff. The following are acceptable methods for anchoring mulch.
 - Mechanical - Use a disk, crimper, or similar type tool set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but be left generally longer than 6 inches.
 - Mulch Nettings - Use according to the manufacturer's recommendations, following all placement and anchoring requirements. Use in areas of water concentration and steep slopes to hold mulch in place.
 - Synthetic Binders - For straw mulch, synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petrosel, Terra Tack or equal may be used at rates recommended by the manufacturer. All applications of Synthetic Binders must be conducted in such a manner where there is no contact with waters of the state.
 - Wood Cellulose Fiber - Wood cellulose fiber may be used for anchoring straw. The fiber binder shall be applied at a net dry weight of 750 lb./acre. The wood cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 lb./100 gal. of wood cellulose fiber.

Specifications
for
Small Construction Site Controls

- Preexisting vegetation shall be retained on idle portions of the building lot for as long as construction operations allow. Clearing shall be done so only active working areas are bare.
- Temporary seed and/or mulch shall be applied to areas, such as stockpiles and rough graded areas, that are bare and not actively being worked. This shall apply to areas that will not be reworked for 21 days or more.
- Stockpiles created from basement excavation and grading shall be situated away from streets, swales, or other waterways and shall be seeded and/or mulched immediately.
- Silt fence or other sediment barriers shall control sheet flow runoff from the building lot. These shall not be constructed in channels or areas of concentrated flow. Other sediment controls such as sediment traps and inlet protection shall also be used as needed to control sediment runoff. Sediment control practices shall be inspected weekly after storm events, and maintained in good working condition.
- Construction vehicle access shall be limited to one route, to the greatest extent practical. The access shall be gravel or crushed rock underlain with geotextile.
- Mud tracked onto streets or sediment settled around curb inlet protection shall be removed daily or as needed to prevent it from accumulating. It shall be removed by shoveling and scraping and shall NOT be washed off paved surfaces or into storm drains. Sediment removed shall be placed where it will not be subject to erosion or concentrated runoff.

Specifications
for
Temporary Seeding

Table 7.8.1 Temporary Seeding Species Selection

Seeding Dates	Species	Lb./1000 ft2	Lb./Acre
March 1 to August 15	Oats	3	128 (4 Bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Perennial Ryegrass	1	40
	Tall Fescue	1	40
	Annual Ryegrass	1	40
August 16th to November	Oats	3	128 (3 bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Rye	3	112 (2 bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
November 1 to Feb. 29	Wheat	3	120 (2 bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Perennial Rye	1	40
	Tall Fescue	1	40
	Annual Ryegrass	1	40
November 1 to Feb. 29	Annual Ryegrass	1.25	40
	Perennial Ryegrass	3.25	40
	Creeping Red Fescue	0.4	40
	Kentucky Bluegrass	0.4	40
	Use mulch only or dormant seeding		

Note: Other approved species may be substituted.

- Structural erosion and sediment control practices such as diversions and sediment traps shall be installed and stabilized with temporary seeding prior to grading the rest of the construction site.
- Temporary seed shall be applied between construction operations on soil that will not be graded or reworked for 21 days or greater. These idle areas shall be seeded within 7 days after grading.
- The seedbed should be pulverized and loose to ensure the success of establishing vegetation. Temporary seeding should not be postponed if ideal seedbed preparation is not possible.
- Soil Amendments—Temporary vegetation seeding rates shall establish adequate stands of vegetation, which may require the use of soil amendments. Base rates for lime and fertilizer shall be used.
- Seeding Method—Seed shall be applied uniformly with a cyclone spreader, drill, cutlispacker seeder, or hydroseeder. When feasible, seed that has been broadcast shall be covered by raking or dragging and then lightly tamped into place using a roller or cutlispacker. If hydroseeding is used, the seed and fertilizer will be mixed on-site and the seeding shall be done immediately and without interruption.

Specifications
for
Temporary Seeding

Mulching Temporary Seeding

- Applications of temporary seeding shall include mulch, which shall be applied during or immediately after seeding. Seedings made during optimum seeding dates on favorable, very flat soil conditions may not need mulch to achieve adequate stabilization.
- Materials:
 - Straw—If straw is used, it shall be unrotted small-grain straw applied at a rate of 2 tons per acre or 90 lbs./1,000 sq. ft. (2-3 bales)
 - Hydroseeders—If wood cellulose fiber is used, it shall be used at 2000 lbs./ ac. or 46 lb./1,000-sq.-ft.
 - Other—Other acceptable mulches include mulch mattings applied according to manufacturer's recommendations or wood chips applied at 6 tons/ ac.
- Straw Mulch shall be anchored immediately to minimize loss by wind or water. Anchoring methods:
 - Mechanical—A disk, crimper, or similar type tool shall be set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but left to a length of approximately 6 inches.
 - Mulch Netting—Netting shall be used according to the manufacturer's recommendations. Netting may be necessary to hold mulch in place in areas of concentrated runoff and on critical slopes.
 - Synthetic Binders—Synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petrosel, Terra Tack or equivalent may be used at rates recommended by the manufacturer.
 - Wood-Cellulose Fiber—Wood-cellulose fiber binder shall be applied at a net dry wt. of 750 lb./ac. The wood-cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 lb./100 gal.

Specifications
for
Permanent Seeding

Site Preparation

- Subsoiler, plow, or other implement shall be used to reduce soil compaction and allow maximum infiltration. (Maximizing infiltration will help control both runoff rate and water quality.) Subsoiling should be done when the soil moisture is low enough to allow the soil to crack or fracture. Subsoiling shall not be done on slip-prone areas where soil preparation should be limited to what is necessary for establishing vegetation.
- The site shall be graded as needed to permit the use of conventional equipment for seedbed preparation and seeding.
- Topsoil shall be applied where needed to establish vegetation.

Seedbed Preparation

- Lime—Agricultural ground limestone shall be applied to acid soil as recommended by a soil test. In lieu of a soil test, lime shall be applied at the rate of 100 pounds per 1,000-sq. ft. or 2 tons per acre.
- Fertilizer—Fertilizer shall be applied as recommended by a soil test. In place of a soil test, fertilizer shall be applied at a rate of 25 pounds per 1,000-sq. ft. or 1000 pounds per acre of a 10-10-10 or 12-12-12 analysis.
- The lime and fertilizer shall be worked into the soil with a disk harrow, spring-tooth harrow, or other suitable field implement to a depth of 3 inches. On sloping land, the soil shall be worked on the contour.

Seeding Dates and Soil Conditions

Seeding should be done March 1 to May 31 or August 1 to September 30. If seeding occurs outside of the above-specified dates, additional mulch and irrigation may be required to ensure a minimum of 80% germination. Tillage for seedbed preparation should be done when the soil is dry enough to crumble and not form ribbons when compressed by hand. For winter seeding, see the following section on dormant seeding.

Dormant Seedings

- Seedings should not be made from October 1 through November 20. During this period, the seeds are likely to germinate but probably will not be able to survive the winter.
- The following methods may be used for "Dormant Seeding":

Straw and Mulch Anchoring Methods

Straw mulch shall be anchored immediately to minimize loss by wind or water.

- Mechanical—A disk, crimper, or similar type tool shall be set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but, generally, be left longer than 6 inches.
- Mulch Netting—Netting shall be used according to the manufacturer's recommendations. Netting may be necessary to hold mulch in place in areas of concentrated runoff and on critical slopes.
- Asphalt Emulsion—Asphalt shall be applied as recommended by the manufacture or at the rate of 160 gallons per acre.

- From October 1 through November 20, prepare the seedbed, add the required amounts of lime and fertilizer, then mulch and anchor. After November 20, and before March 15, broadcast the selected seed mixture. Increase the seeding rates by 50% for this type of seeding.
- From November 20 through March 15, when soil conditions permit, prepare the seedbed, lime and fertilize, apply the selected seed mixture, mulch and anchor. Increase the seeding rates by 50% for this type of seeding.
- Apply seed uniformly with a cyclone seeder, drill, cutlispacker seeder, or hydro-seeder (slurry may include seed and fertilizer) on a firm, moist seedbed.
- Where feasible, except when a cutlispacker type seeder is used, the seedbed should be firmed following seeding operations with a cutlispacker, roller, or light drag. On sloping land, seeding operations should be on the contour where feasible.

Mulching

- Mulch material shall be applied immediately after seeding. Dormant seeding shall be mulched. 100% of the ground surface shall be covered with an approved material.
- Materials
 - Straw—If straw is used it shall be unrotted small-grain straw applied at the rate of 2 tons per acre or 90 pounds (two to three bales) per 1,000-sq. ft. The mulch shall be spread uniformly by hand or mechanically applied so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000-sq.-ft. sections and spread two 45-lb. bales of straw in each section.
 - Hydroseeders—If wood cellulose fiber is used, it shall be applied at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
 - Other—Other acceptable mulches include rolled erosion control mattings or blankets applied according to manufacturer's recommendations or wood chips applied at 6 tons per acre.

- Synthetic Binders—Synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petrosel, Terra Tack or equivalent may be used at rates specified by the manufacturer.
- Wood Cellulose Fiber—Wood cellulose fiber shall be applied at a net dry weight of 750 pounds per acre. The wood cellulose fiber shall be mixed with water with the mixture containing a maximum of 50 pounds cellulose per 100 gallons of water.

Irrigation

Permanent seeding shall include irrigation to establish vegetation during dry weather or on adverse site conditions, which require adequate moisture for seed germination and plant growth.

Irrigation rates shall be monitored to prevent erosion and damage to seeded areas from excessive runoff.

Table 7.10.2 Permanent Seeding

Seed Mix	Seeding Rate		Notes:
	Lbs./acre	Lbs./1,000 Sq. Feet	
General Use			
Creeping Red Fescue	20-40	1/2-1	For close mowing & for waterways with <2.0 ft/sec velocity
Domestic Ryegrass	10-20	1/4-1/2	
Kentucky Bluegrass	20-40	1/2-1	
Tall Fescue	40-50	1-1 1/4	
Turf-type (dwarf) Fescue	90	2 1/4	
Steep Banks or Cut Slopes			
Tall Fescue	40-50	1-1 1/4	
Crown Vetch	10-20	1/4-1/2	Do not seed later than August
Tall Fescue	20-30	1/2-3/4	
Flat Pea	20-25	1/2-3/4	Do not seed later than August
Tall Fescue	20-30	1/2-3/4	
Road Ditches and Swales			
Tall Fescue	40-50	1-1 1/4	
Turf-type (Dwarf) Fescue	90	2 1/4	
Kentucky Bluegrass	5	0.1	
Lawns			
Kentucky Bluegrass	100-120	2	For shaded areas
Perennial Ryegrass		2	
Kentucky Bluegrass	100-120	2	
Creeping Red Fescue		1-1/2	

Note: Other approved seed species may be substituted.

Specifications
for

Additional Construction Site Pollution Controls

- Construction personnel, including subcontractors who may use or handle hazardous or toxic materials, shall be made aware of the following general guidelines regarding disposal and handling of hazardous and construction wastes:

- Prevent spills
- Use products up
- Follow label directions for disposal
- Remove lids from empty bottles and cans when disposing in trash
- Recycle wastes whenever possible

- Don't pour into waterways, storm drains or onto the ground
- Don't pour down the sink, floor drain or septic tanks

- Don't bury chemicals or containers
- Don't burn chemicals or containers

- Don't mix chemicals together

- Containers shall be provided for the proper collection of all waste material including construction debris, trash, petroleum products and any hazardous materials used on-site. Containers shall be covered and not leaking. All waste material shall be disposed of at facilities approved for that material. Construction Demolition and Debris (CD&D) waste must be disposed of at an Ohio EPA approved CD&D landfill.

- No construction related waste materials are to be buried on-site. By exception, clean fill (bricks, hardened concrete, soil) may be utilized in a way which does not encroach upon natural wetlands, streams or floodplains or result in the contamination of waters of the state.

- Handling Construction Chemicals. Mixing, pumping, transferring or other handling of construction chemicals such as fertilizer, lime, asphalt, concrete drying compounds, and all other potentially hazardous materials shall be performed in an area away from any watercourse, ditch or storm drain.

- Equipment Fueling and Maintenance, oil changing, etc., shall be performed away from watercourses, ditches or storm drains, in an area designated for that purpose. The designated area shall be equipped for recycling oil and catching spills. Secondary containment shall be provided for all fuel oil storage tanks. These areas must be inspected every seven days and within 24 hrs. of a 0.5 inch or greater rain event to ensure there are no exposed materials which would contaminate storm water. Site operators must be aware that Spill Prevention Control and Countermeasures (SPCC) requirements may apply. An SPCC plan is required for sites with one single above ground tank of 660 gallons or more, accumulative above ground storage of 1330 gallons or more, or 42,000 gallons of underground storage. Contaminated soils must be disposed of in accordance with Item 8.

- Concrete Wash Water shall not be allowed to flow to streams, ditches, storm drains, or any other water conveyance. A sump or pit with no potential for discharge shall be constructed if needed to contain concrete wash water. Field tile or other subsurface drainage structures within 10 ft. of the sump shall be cut and plugged. For small projects, truck chutes may be rinsed away from any water conveyances.

- Spill Reporting Requirements: Spills on pavement shall be absorbed with sawdust or kitty litter and disposed of with the trash at a licensed sanitary landfill. Hazardous or industrial wastes such as most solvents, gasoline, oil-based paints, and cement curing compounds require special handling. Spills shall be reported to Ohio EPA (1-800-282-9378). Spills of 25 gallons or more of petroleum products shall be reported to Ohio EPA, the local fire department, and the Local Emergency Planning Committee within 30 min. of the discovery of the release. All spills which contact waters of the state must be reported to Ohio EPA.

- Contaminated Soils. If substances such as oil, diesel fuel, hydraulic fluid, antifreeze, etc. are spilled, leaked, or released onto the soil, the soil should be dug up and disposed of at licensed sanitary landfill or other approved petroleum contaminated soil remediation facility. (not a construction/demolition debris landfill). Note that storm water run off associated with contaminated soils are not be authorized under Ohio EPA's General Storm Water Permit associated with Construction Activities.

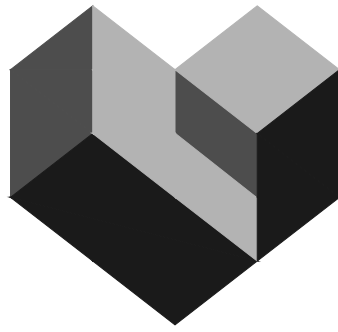
- Open Burning. No materials containing rubber, grease, asphalt, or petroleum products, such as tires, autoparts, plastics or plastic coated wire may be burned (OAC 3745-19). Open burning is not allowed in restricted areas, which are defined as: 1) within corporation limits; 2) within 1000 feet outside a municipal corporation having a population of 1000 to 10,000; and 3) a one mile zone outside of a corporation of 10, 000 or more. Outside of restricted areas, no open burning is allowed within a 1000 feet of an inhabited building on another property. Open burning is permissible in a restricted area for: heating tar, welding, smudge pots and similar occupational needs, and heating for warmth or outdoor barbecues. Outside of restricted areas, open burning is permissible for landscape or land-clearing wastes (plant material, with prior written permission from Ohio EPA), and agricultural wastes, excluding buildings.

- Dust Control or dust suppressants shall be used to prevent nuisance conditions, in accordance with the manufacturer's specifications and in a manner, which prevent a discharge to waters of the state. Sufficient distance must be provided between applications and nearby bridges, catch basins, and other waterways. Application (excluding water) may not occur when rain is imminent as noted in the short term forecast. Used oil may not be applied for dust control.

- Other Air Permitting Requirements: Certain activities associated with construction will require air permits including but not limited to: mobile concrete batch plants, mobile asphalt plants, concrete crushers, large generators, etc. These activities will require specific Ohio EPA Air Permits for installation and operation. Operators must seek authorization from the corresponding district of Ohio EPA. For demolition of all commercial sites, a Notification for Restoration and Demolition must be submitted to Ohio EPA to determine if asbestos corrective actions are required.

- Process Waste Water/Leachate Management. Ohio EPA's Construction General Permit only allows the discharge of storm water and does not include other waste streams/discharges such as vehicle and/or equipment washing, on-site septic leachate concrete wash outs, which are considered process wastewaters. All process wastewaters must be collected and properly disposed at an approved disposal facility. In the event, leachate or septage is discharged; it must be isolated for collection and proper disposal and corrective actions taken to eliminate the source of waste water.

- A Permit To Install (PTI) is required prior to the construction of all centralized sanitary systems, including sewer extensions, and sewerage systems (except those serving one, two, and three family dwellings) and potable water lines. Plans must be submitted and approved by Ohio EPA. Issuance of an Ohio EPA Construction General Storm Water Permit does not authorize the installation of any sewerage system where Ohio EPA has not approved a PTI.



REVISION DESCRIPTION

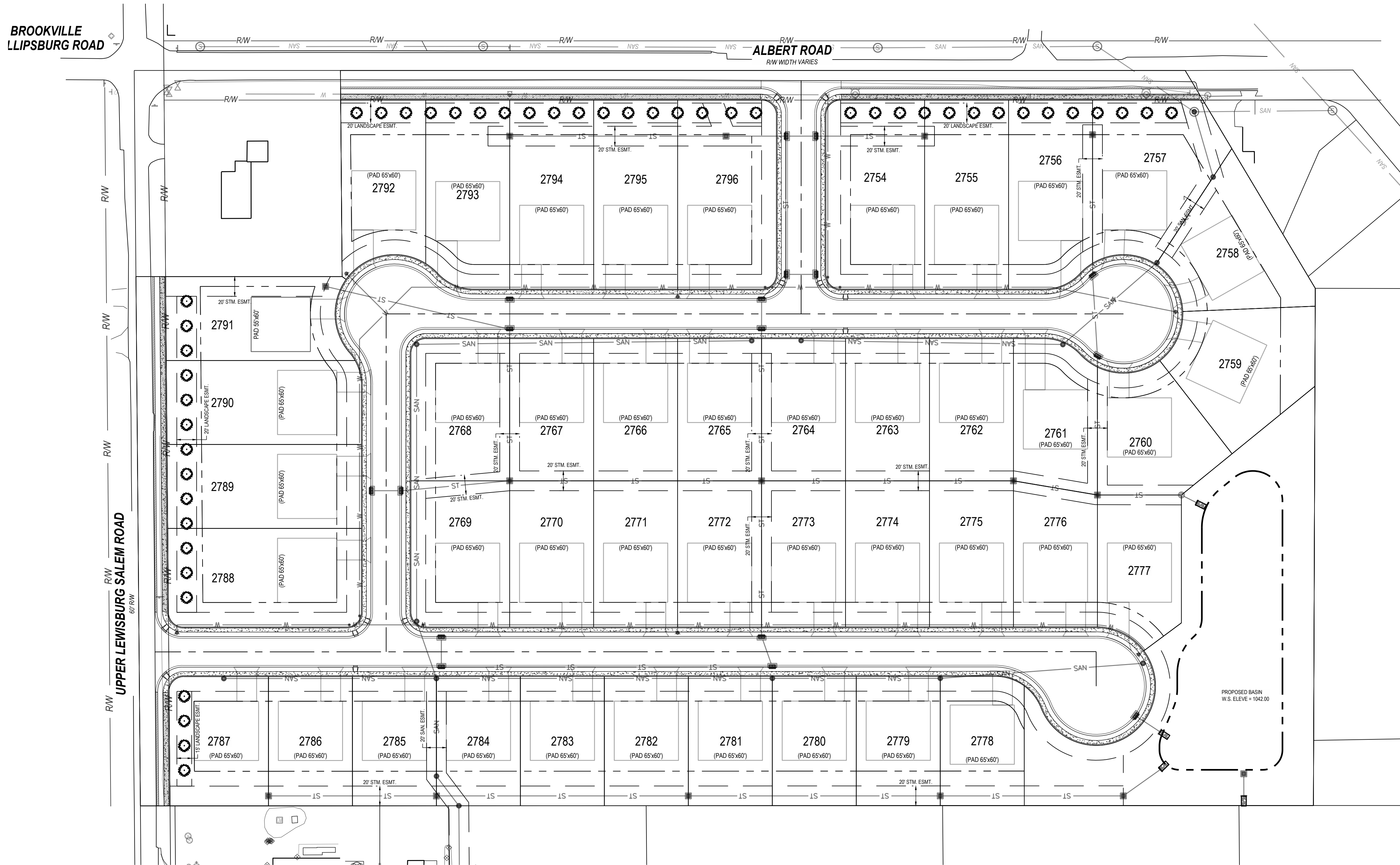
NO. DATE

HARPER CREEK

CITY OF BROOKVILLE MONTGOMERY COUNTY, OHIO

SWPPP DETAILS

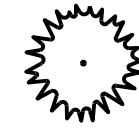
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DATE:	09/01/22
JOB NO.:	757660
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SHEET NO.	26



GENERAL LANDSCAPE NOTES

- CONTRACTOR IS REQUIRED TO PERFORM MINOR CLEARING AND GRUBBING SERVICES FOR ENTIRE SITE PRIOR TO INSTALLING PLANT MATERIAL. THIS INCLUDES BUT IS NOT LIMITED TO REMOVAL OF WEEDS, TRASH, AND SCRUB LIKE MATERIAL. IT IS POSSIBLE THIS MAY INCLUDE SOME FINE GRADING SERVICES TO ASSURE NO HOLES OR TRIPPING HAZARDS ARE PRESENT. CONTRACTOR SHOULD INCLUDE THIS IN BID PRICE.
- PROVIDE TOPSOIL AMENDMENTS FOR PLANT PITS ONLY. SOIL AMENDMENT FOR ALL LAWN AREAS AND ENTIRE PLANTING BED IS NOT REQUIRED. SEE DETAILS AND NOTES FOR FURTHER INFORMATION. IF PLANTING CONDITIONS (TOPSOIL) ARE UNACCEPTABLE OR WILL DRASTICALLY AFFECT LONG TERM HEALTH AND CONDITION OF PLANTS AND LAWN, NOTIFY LANDSCAPE ARCHITECT AND CONSTRUCTION REPRESENTATIVE PRIOR TO PROCEEDING
- AREAS OF THE LAWN MAY CONTAIN CATCH BASINS AND AREA DRAINS. CONTRACTOR SHALL USE BEST JUDGEMENT TO FINE GRADE AROUND CATCH BASINS AND OTHER APPURTENANCES TO MINIMIZE EROSION AND MAINTAIN AESTHETIC VALUE. CONTACT LANDSCAPE ARCHITECT WITH ANY DISCREPANCIES.
- CONTRACTOR SHALL INSTALL ALL PLANT MATERIAL IN SIZE AS INDICATED IN THE PLANT SCHEDULE UNLESS OTHERWISE SPECIFIED ON THE PLAN SET. ALL SIZES AND QUALITY OF PLANT MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS OF THE AMERICAN STANDARD FOR NURSERY STOCK. SEE DETAILS AND NOTES FOR FURTHER INFORMATION.
- TREES LOCATED IN DRAINAGE WAYS TO BE FIELD ADJUSTED TO PLACE TREES OUTSIDE THE DRAINAGE WAY.
- CONTRACTOR WILL COORDINATE FLAGGING ALL PROPERTY LINES, EASEMENT LINES, ETC. TO INSTALL PLANTING AS PER PLANS. CONTRACTOR TO CONTACT OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION IF ANY LOCATIONS ARE UNCLEAR

LANDSCAPE PLANT MATERIAL SCHEDULE

SYMBOL	TREES ITEM	SIZE	SPACING	QTY
	PICEA PUNGENS COLORADO SPRUCE	6' HT.	25'-0" O.C.	48