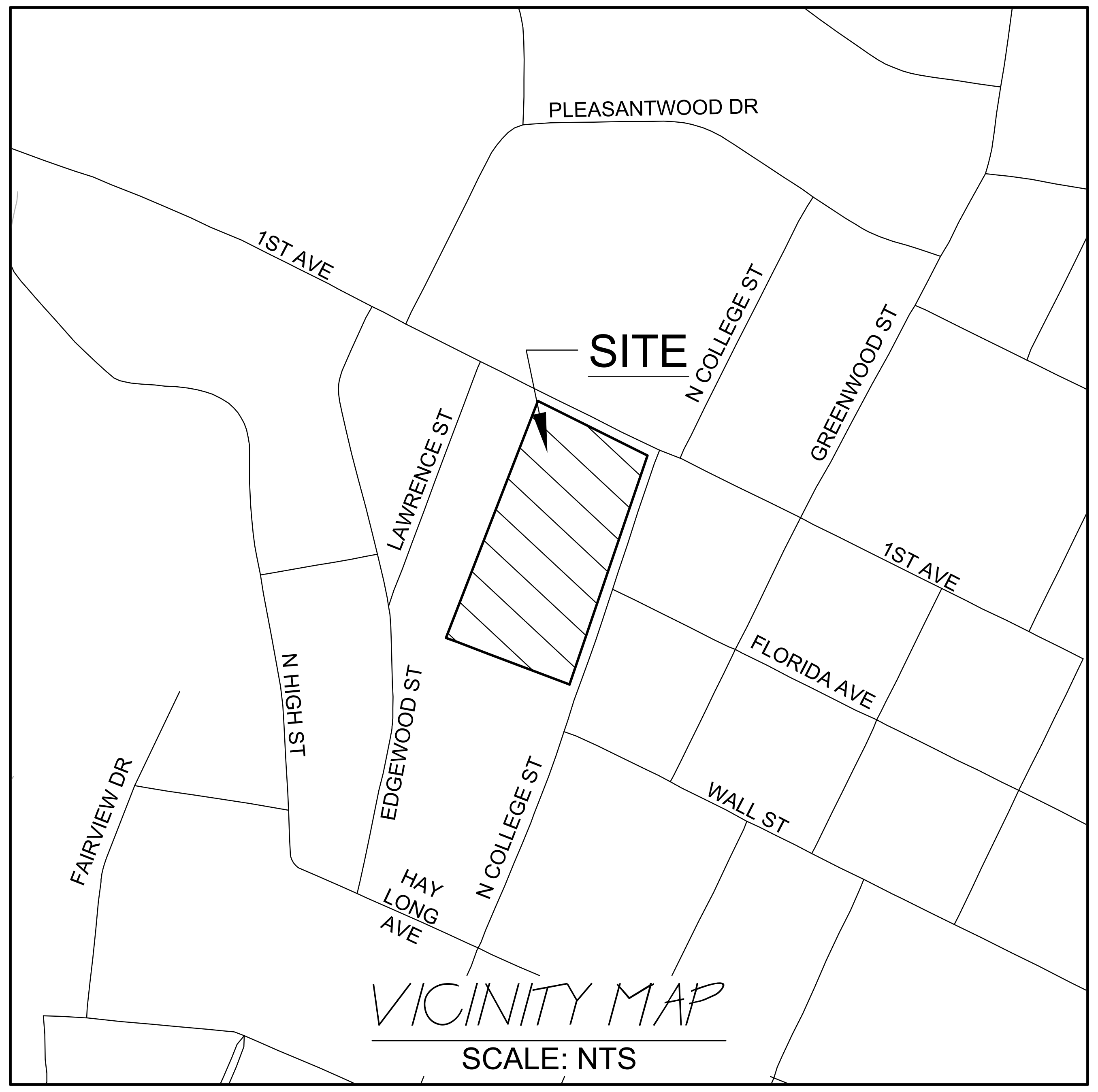
SITE PLAN

NEW MOUNT PLEASANT LIBRARY

301 N COLLEGE ST, MOUNT PLEASANT, MAURY COUNTY, TENNESSEE

SHEET INDEX



VICINITY MAP

SCALE: NTS

MAP 133H & PARCEL 3.01
TOTAL SITE ACREAGE = 5.61 A.C.
DISTURBED AREA = 2.96 A.C.
ZONING: R1

PROJECT CONTACTS

OWNER

CITY OF MOUNT PLEASANT

CONTACT: CITY MANAGER PHILLIP GROOMS
100 PUBLIC SQUARE
P.O. BOX 426
MOUNT PLEASANT, TN 38474
PH: 931-379-7717
EMAIL: PGrooms@MtPleasant-TN.gov

OWNER REPRESANTATIVE

HEWLETT SPENCER

CONTACT: ABBY SPENCER
100 PUBLIC SQUARE
5543 EDMONDSON PIKE
BRENTWOOD, TN 37027
PH: 615-832-5026
EMAIL: ASpencer@HewlettSpencer.com

DEVELOPER

MAURY COUNTY LIBRARY BOARD

CONTACT: TRACY VOYLES
200 HAY LONG AVENUE
MOUNT PLEASANT, TN 38474
PH: 931-379-3752
EMAIL: TracyVoyles@gmail.com

PLANNER | ENGINEER

HERITAGE CIVIL, PLLC

CONTACT: JOE HADDIX
2055 N MT. JULIET RD STE 204
MT. JULIET, TN 37122
PH: 615-403-9008
EMAIL: JoeH@HeritageCivil.com

ARCHITECT

NUBER ARCHITECTURE LLC

CONTACT: GEORGE NUBER
1069 ROLLING FIELDS CIRCLE
COLUMBIA, TN 38401
PH: 615-403-9008
EMAIL: George@NuberArchitectureLLC.com

LANDSCAPE ARCHITECT

GREENSPACE DESIGN

CONTACT: JOSH HENRICK
11113 MURFREESBORO RD STE 106-303
FRANKLIN, TN 37064
PH: 615-428-8425
EMAIL: JHenrick@Greenspace-Design.com

Tennessee 811
Know what's below.
Call before you dig.

HERITAGE CIVIL
PLLC
2055 N Mt. Juliet Road, Ste 204
Mt. Juliet, TN 37122
JakeP@HeritageCivil.com
615.943.5666

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL

JOSEPH M. HADDIX
No. 114927
02/26/26

COVER

C0.00

HC PROJECT NO.: 25-041-01

F.E.M.A Note:

According to F.E.M.A. F.I.R.M. Map number 47119C0265E, effective date April 16, 2007, this site lies within Zone X which is determined to be outside the 500 year floodplain.

Feb 27, 2026 - 7:27am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C1.00 - Existing Conditions.dwg

PROJECT BENCHMARK:
DESCRIPTION: TAG BOLT ON FIRE HYDRANT
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

N

0 30 60
SCALE: 1"=30'

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NEW MOUNT PLEASANT LIBRARY

SITE PLAN

301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H - Parcel 3.01

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SEAL

JOSEPH M. HADDIX
No. 114927
02/26/26

Joe Haddix

EXISTING CONDITIONS

C1.00

HC PROJECT NO.: 25-041-01

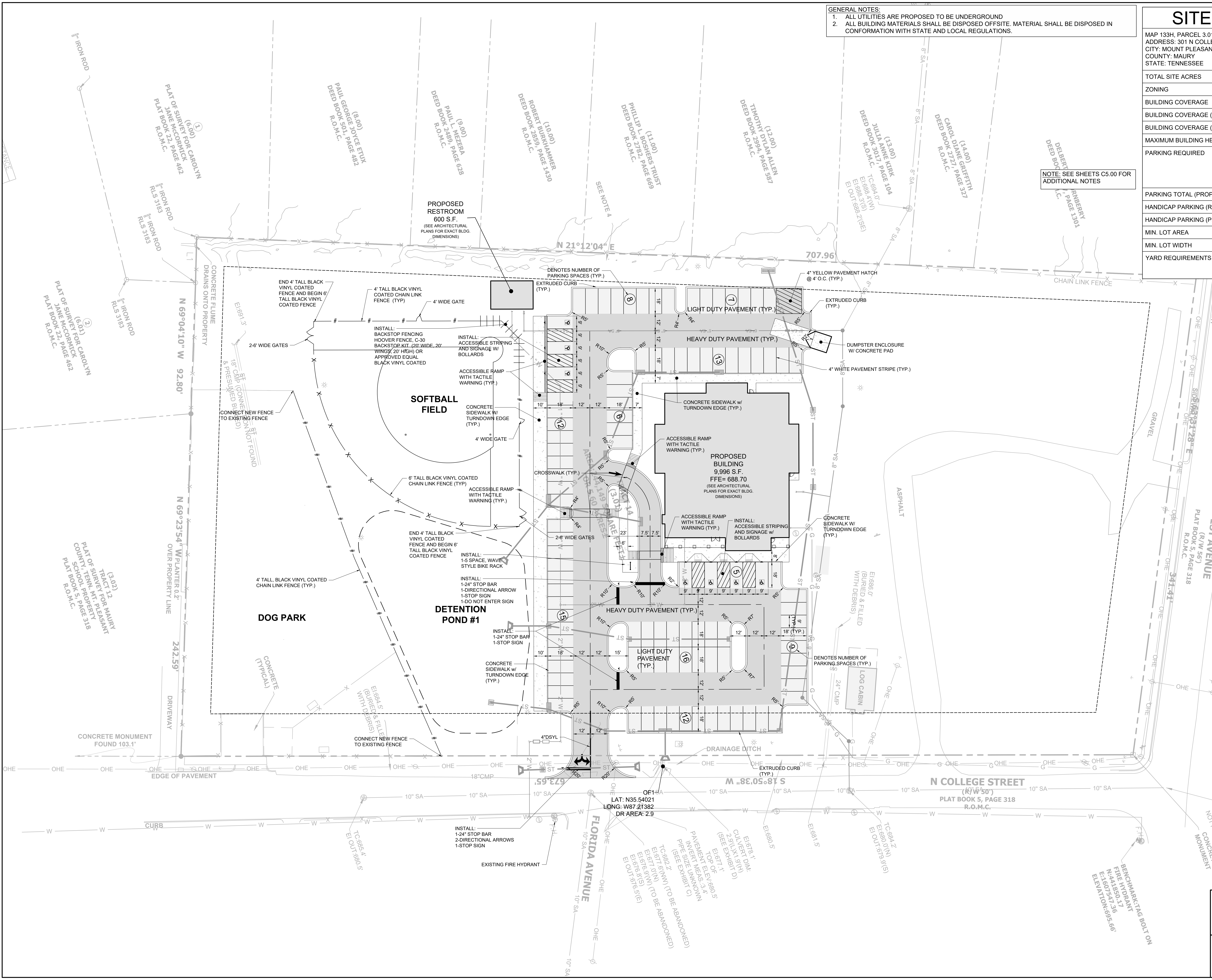
GENERAL NOTES:
1. ALL UTILITIES ARE PROPOSED TO BE UNDERGROUND
2. ALL BUILDING MATERIALS SHALL BE DISPOSED OFFSITE. MATERIAL SHALL BE DISPOSED IN CONFORMATION WITH STATE AND LOCAL REGULATIONS.

SITE DATA TABLE

MAP 133H, PARCEL 3.01
ADDRESS: 301 N COLLEGE STREET
CITY: MOUNT PLEASANT
COUNTY: MAURY
STATE: TENNESSEE

TOTAL SITE ACRES	244,154 S.F. (5.61 A.C.±)
ZONING	R1
BUILDING COVERAGE	10,596 S.F.
BUILDING COVERAGE (ALLOWED)	30%
BUILDING COVERAGE (PROVIDED)	4.34%
MAXIMUM BUILDING HEIGHT	35'
PARKING REQUIRED	GOVERMENT FACILITY & OFFICES 3/1000 X 9,996 = 30 TOTAL REQUIRED: 30 SPACES
PARKING TOTAL (PROPOSED)	103 SPACES TOTAL
HANDICAP PARKING (REQUIRED)	5 SPACES (101-150 TOTAL SPACES)
HANDICAP PARKING (PROPOSED)	7 SPACES
MIN. LOT AREA	18,000 S.F.
MIN. LOT WIDTH	90'
YARD REQUIREMENTS	FRONT YARD: 30' SIDE YARD: 15' REAR YARD: 20'

NOTE: SEE SHEETS C5.00 FOR ADDITIONAL NOTES



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Map 133H- Parcel 3.01

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SEAL
JOSEPH M. HADDIX No. 114927 02/26/26

SITE LAYOUT PLAN

C2.00

HC PROJECT NO.: 25-041-01

Feb 27, 2026 - 7:28am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C2.00 - Site Layout Plan.dwg

OUTLET STRUCTURE TO BE FACED WITH BRICK OR STONE (TO MATCH BUILDING)

50' EMERGENCY SPILLWAY
ELEV.= 685.50
INSTALL N.A.G. SC150 EROSION CONTROL MATTING (OR APPROVED EQUAL) TO TOE OF SLOPE

HEADWALL TO BE FACED WITH BRICK OR STONE (TO MATCH BUILDING)

DRAINAGE STRUCTURE TABLE		
CODE	TYPE	CASTING ELEV.
A0	PERMANENT HEADWALL	N/A
A1	TRIPLE CURB INLET	688.00
A2	DOUBLE CURB INLET	687.00
A3	DOUBLE CURB INLET	687.10
A4	DOUBLE CURB INLET	687.70
A5	DOUBLE CURB INLET	687.00
B0	PERMANENT HEADWALL	N/A
B1	SINGLE CURB INLET	686.00
B2	SINGLE CURB INLET	686.15
B3	SINGLE CURB INLET	686.15
C0	DOUBLE CATCH BASIN	681.00
C1	TRIPLE CURB INLET	683.95
C2	SINGLE CURB INLET	682.80
C3	DOUBLE CURB INLET	683.40
OS1	OUTLET STRUCTURE (SEE DETAIL)	
C4	SINGLE CATCH BASIN	685.00
C5	SINGLE CATCH BASIN	687.90
C6	SINGLE CATCH BASIN	688.50
C7	TRIPLE CATCH BASIN	688.50
D0	PERMANENT HEADWALL	N/A
D1	SINGLE CURB INLET	682.00
D2	PERMANENT HEADWALL	N/A

DRAINAGE PIPE TABLE						
LINE ID	INVERT (DOWN)	INVERT (UP)	PIPE LENGTH (FT)	PIPE SLOPE (%)	PIPE DIA. (IN)	PIPE TYPE
A0-A1	682.71	682.96	49	0.51	15	RCP
A1-A2	683.06	683.33	54	0.50	15	RCP
A2-A3	683.43	683.75	63	0.51	15	RCP
A3-A4	683.85	684.45	57	1.05	15	RCP
A1-A5	683.42	683.75	66	0.50	15	RCP
B0-B1	681.76	681.90	26	0.54	15	RCP
B1-B2	682.00	682.29	57	0.51	15	RCP
B2-B3	682.39	682.75	71	0.51	15	RCP
C0-C1	678.15	678.28	21	0.62	36	RCP
C1-C2	678.38	678.59	41	0.51	30	RCP
C2-C3	678.69	678.91	44	0.50	24	RCP
C3-OS1	679.01	679.20	35	0.54	15	RCP
C1-C4	679.50	679.90	83	0.48	30	RCP
C4-C5	680.50	683.10	174	1.49	30	RCP
C5-C6	683.20	683.90	55	1.27	30	RCP
C6-C7	684.00	685.00	103	0.97	30	RCP
D0-D1	678.30	678.63	66	0.50	19 x 30 ELLIPTICAL	RCP
D1-D2	678.73	680.70	14	14.07	18	RCP

*ALL STORM PIPES SHALL BE REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED OR APPROVED BY ENGINEER OF RECORD

*REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III UNLESS OTHERWISE NOTED.

*ALL CASTINGS SHALL BE JOHN BOUCHARD AND SONS OR APPROVED EQUAL.

*ALL CASTINGS SHALL BE SHALL BE PROVIDED WITH "NO DUMPING, DRAINS TO RIVER" MARKINGS.

*ALL PERMANENT OUTFALL HEADWALLS SHALL BE ENERGY DISSIPATING

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PROJECT BENCHMARK:
DESCRIPTION: TAG BOLT ON FIRE HYDRANT
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

0 30 60
SCALE: 1"=30'

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615.943.5666

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H - Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
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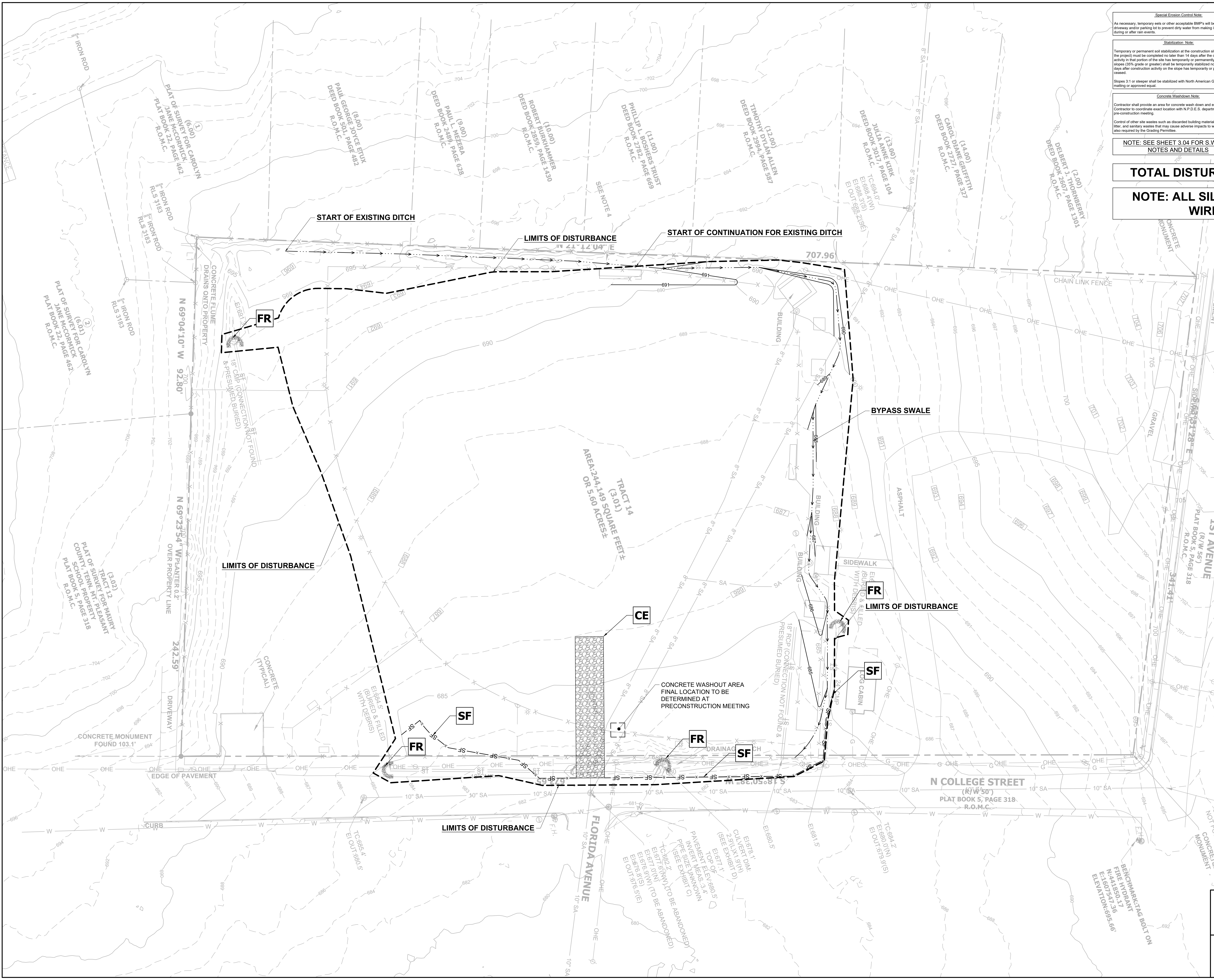
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL
JOSEPH M. HADDIX
No. 114927
02/26/26
Joe Haddix

GRADING & DRAINAGE PLAN

C3.00

HC PROJECT NO.: 25-041-01



Special Erosion Control Note:

As necessary, temporary eels or other acceptable BMP's will be added to the driveway and/or parking lot to prevent dirty water from making its way offsite during or after rain events.

Stabilization Note:

Temporary or permanent soil stabilization at the construction site (or a phase of the project) must be completed no later than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Steep slopes (35% grade or greater) shall be temporarily stabilized not later than 7 days after construction activity on the slope has temporarily or permanently ceased.

Slopes 3:1 or steeper shall be stabilized with North American Green S150 matting or approved equal.

Concrete Washdown Note:

Contractor shall provide an area for concrete wash down and equipment fueling.. Contractor to coordinate exact location with N.P.D.E.S. department during pre-construction meeting.

Control of other site wastes such as discarded building materials, chemicals, litter, and sanitary wastes that may cause adverse impacts to water quality is also required by the Grading Permittee.

NOTE: SEE SHEET 3.04 FOR S.W.P.P.P NOTES AND DETAILS

SWPPP LEGEND

CD	CHECK DAM
CE	CONSTRUCTION ENTRANCE
FR	FILTER RING
IP	INLET PROTECTION
RR	RIPRAP
SF	SILT FENCE

TOTAL DISTURBED AREA: 2.96 AC.

NOTE: ALL SILT FENCE SHALL BE WIRE-BACKED

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NEW MOUNT PLEASANT LIBRARY
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301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

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02/26/26

PROJECT BENCHMARK:
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N: 441850.17
E: 1607547.36
ELEV.: 695.66'

0 30 60
SCALE: 1"=30'

SWPPP STAGE 1

C3.01

HC PROJECT NO.: 25-041-01

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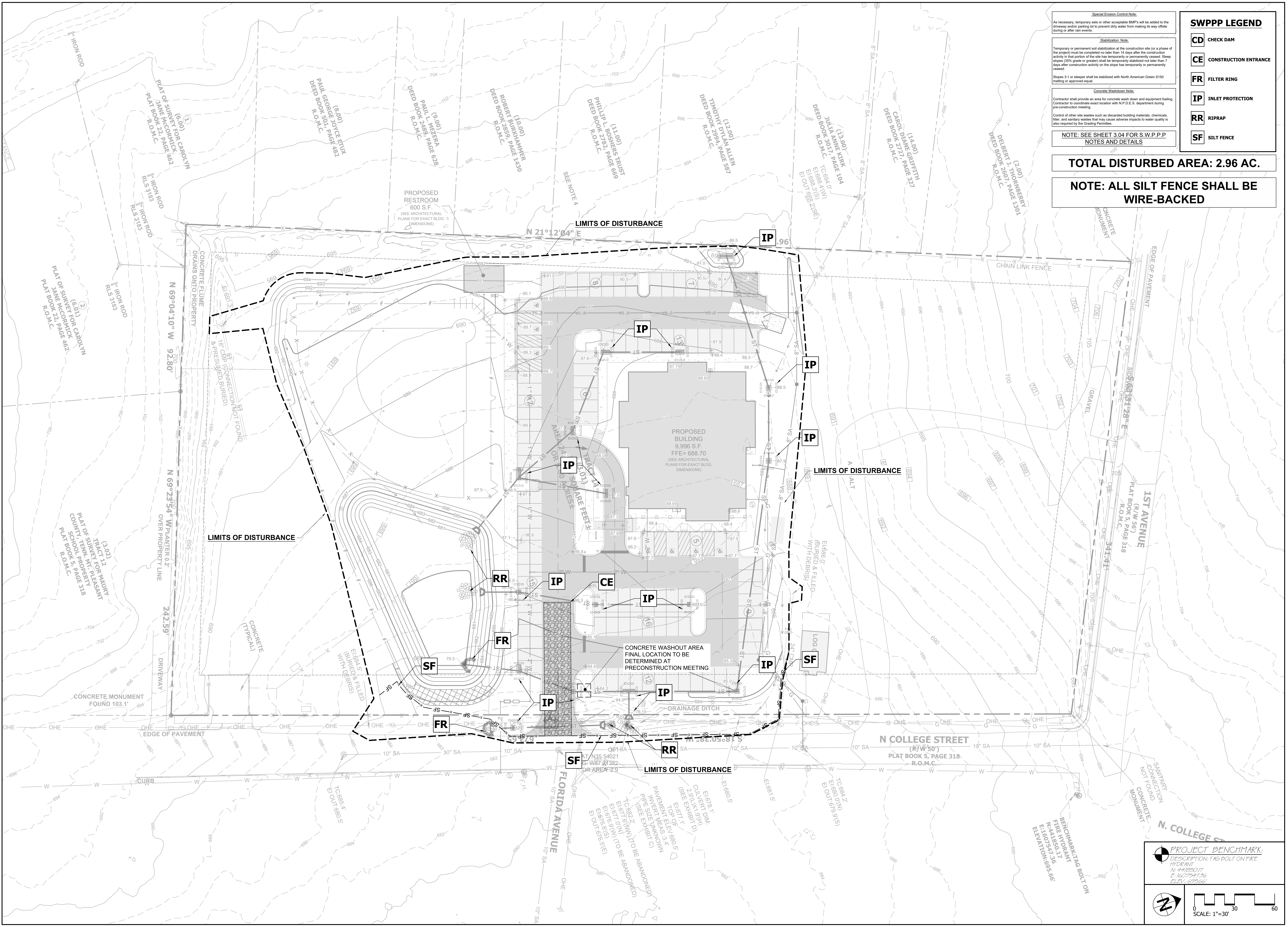

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SWPPP LEGEND

CD	CHECK DAM
CE	CONSTRUCTION ENTRANCE
FR	FILTER RING
IP	INLET PROTECTION
RR	RIPRAP
SF	SILT FENCE

TOTAL DISTURBED AREA: 2.96 AC.

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NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H, Parcel 301

PLAN SET REVISION LOG:

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JOSEPH M. HADDIX
No. 114927
02/26/26

PROJECT BENCHMARK:
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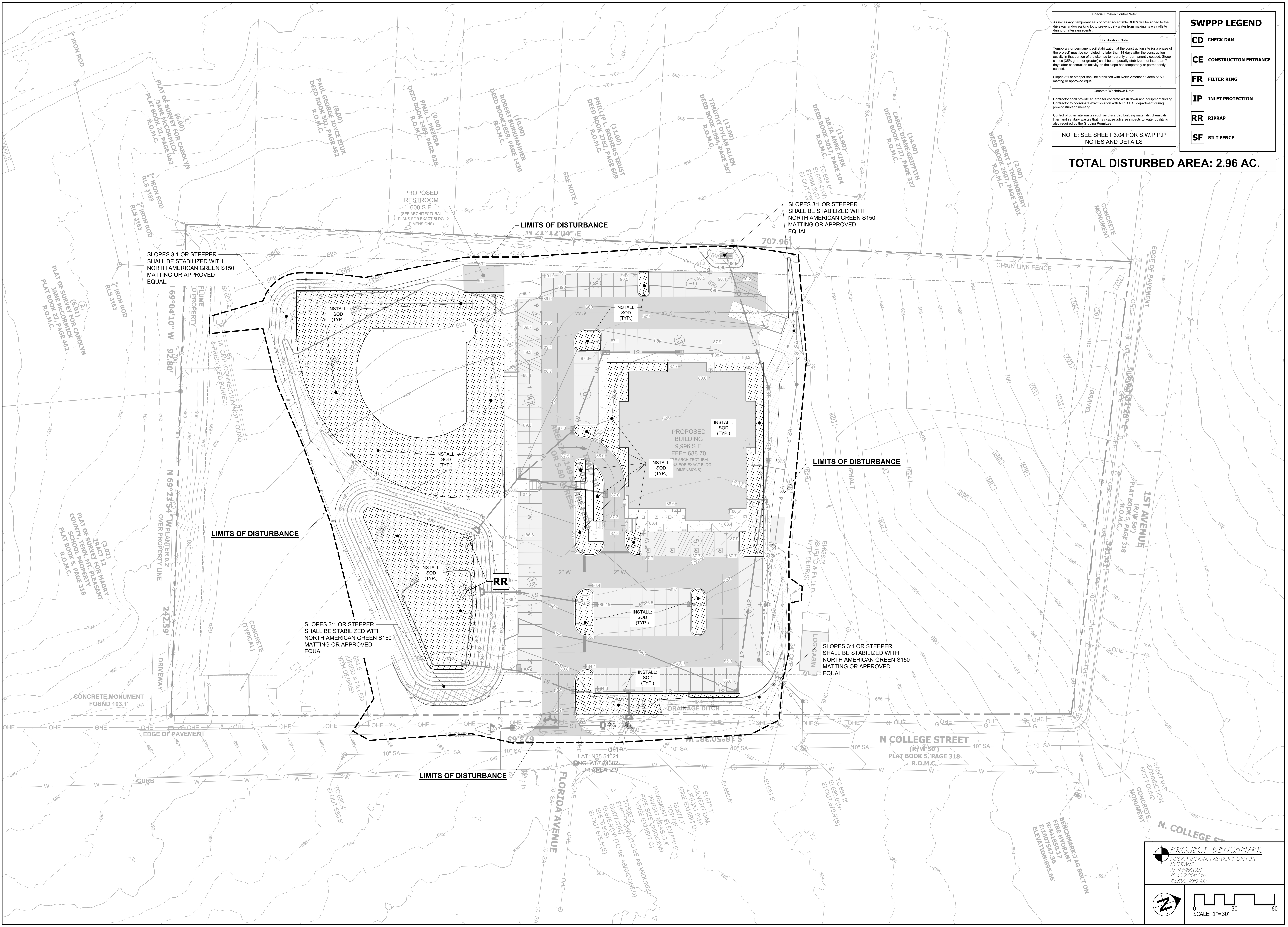
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

0 30 60
SCALE: 1"=30'

SWPPP STAGE 2

C3.02

HC PROJECT NO.: 25-041-01



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NOTE: SEE SHEET 3.04 FOR S.W.P.P.P NOTES AND DETAILS

TOTAL DISTURBED AREA: 2.96 AC.

SWPPP LEGEND

CD	CHECK DAM
CE	CONSTRUCTION ENTRANCE
FR	FILTER RING
IP	INLET PROTECTION
RR	RIPRAP
SF	SILT FENCE

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02/26/26

SWPPP STAGE 3

PROJECT BENCHMARK:
DESCRIPTION: TAG BOLT ON FIRE HYDRANT
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

0 30 60
SCALE: 1"=30'

C3.03

HC PROJECT NO.: 25-041-01

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Stormwater Pollution Prevention Plan Notes:

1. The contractor is responsible for ensuring that a copy of the SWPPP is kept on-site, either at or near the construction entrance. If a construction trailer is unavailable, the contractor must provide a waterproof enclosure near the construction entrance to store the SWPPP. In addition to the SWPPP, the contractor must also ensure the following information is posted at the construction site, either in the construction trailer or waterproof enclosure:A copy of the notice of coverage (NOC) with the NPDES permit tracking number for the construction project number
   a) name, company name, email address, telephone number and address of the project site owner or a local contact person
   b) a brief description of the project
   c) the location of the SWPPP if an on-site location for storing the plan is not available.

2. The project site owner will implement the erosion control measures outlined in this SWPPP. Upon the sale of the property, the new owner will be required to obtain coverage under this permit from the relevant federal, state, and local agencies. The new owner will also assume operational control and responsibility for the portion of the site they purchase.

3. The contractor must install construction fencing, tree protection fencing, caution tape, or other appropriate barriers along the limits of disturbance to protect trees, stream bank buffers, and any other areas that are not to be disturbed prior to the commencement of any clearing, grubbing, or grading work.

4. Before beginning any construction activities, the contractor must install the stone-based construction exit, silt fence, and sediment traps/basins as specified in the SWPPP. As construction progresses, additional erosion control measures, such as rock check dams, diversion swales, temporary creek crossings, temporary mulching of disturbed areas, final seeding and straw application, and general erosion control maintenance, shall be implemented as needed. The contractor is responsible for ensuring the implementation and upkeep of all erosion control measures.

5. All erosion control measures must be installed and maintained according to the manufacturer's specifications and recommendations. The purpose of these measures is to slow runoff and prevent the formation of rills and/or gullies. The contractor is responsible for inspecting the control measures and making any necessary replacements or modifications to address site-specific conditions.

6. Erosion prevention and sediment control measures must be in place and fully functional before any earth-moving operations begin, and they must be constructed and maintained throughout the entire construction period. Temporary measures may be removed at the start of the workday but must be replaced at the end of each workday.

7. When temporary or permanent grass seed is required by the SWPPP, the contractor must use a suitable grass seed mixture based on the time of year. Fescue should be used during the spring and summer months, and a mix of fescue and winter rye should be used during the fall and winter months. The seed should be applied at a rate of 6 lbs. per 1,000 sq. ft. of area. Adequate watering must be provided to ensure the establishment of a healthy grass stand.

8. If sediment escapes the construction site, it is the contractor's responsibility to remove it. The contractor must obtain permission from the landowner where the sediment has accumulated before removal can begin. If sediment enters a stream, the contractor must also obtain written permission from the State before any remediation or restoration work can commence.

9. The contractor shall remove sediment from sediment traps, silt fences, sedimentation ponds, and other sediment controls as needed. Sediment must be removed when the capacity of these controls has been reduced by 50%.

10. Litter, construction debris, and construction chemicals exposed to stormwater must be promptly picked up and removed from the site to prevent them from becoming a pollutant source in stormwater discharges. After use, materials for erosion prevention and sediment control should also be removed from the site and disposed of in a manner that is in line with the requirements set forth in the TDEC Erosion & Sediment Control Handbook.

11. There are no other construction activities or industrial activities associated with this project site that are covered under a separate permit.

12. All earth stockpiles, whether located on-site or off-site, must include erosion control measures to prevent the material from being washed away by stormwater runoff generated from the project site.

13. Clearing and grubbing must be limited to the minimum required for grading and equipment operation.

14. Construction for projects disturbing over 50 acres of soil must be phased. Areas in the completed phase must be stabilized within 14 days (7 days for slopes ≥ 35%). At no point during the construction project should more than 50 acres of soil be actively disturbed. For projects with a disturbed area greater than 50 acres, the contractor must provide a phasing plan to limit disturbance to 50 acres or less at any given time. The phasing plan must be submitted to state and local agencies for review.

15. The contractor shall maintain a rain gauge and daily rainfall records at the site.

16. The contractor shall initiate stabilization measures in areas of the site where construction activities have temporarily or permanently stopped. Temporary or permanent soil stabilization must be completed within 14 days (7 days for slopes ≥ 35%) after construction activities on that portion of the site have ceased.

17. The contractor shall seed and straw all disturbed areas within 14 days (7 days for slopes ≥ 35%) after final grading is completed, unless otherwise specified. The contractor must take all necessary steps to establish permanent soil stabilization. Any areas not subject to construction activity for more than 14 days (7 days for slopes ≥ 35%) must be temporarily covered with straw to help prevent erosion.

18. The contractor shall construct temporary diversion swales to redirect off-site runoff from crossing disturbed areas. When necessary, these diversion swales shall be field-located to avoid impacting existing trees whenever possible.

19. No work shall be conducted in or around streams or wetlands without the necessary permits. Before starting any construction activities in these areas, the contractor must obtain a copy of the required permits from the property owner. Work shall not begin without these permits, as failure to comply may result in significant fines from federal and state agencies..

20. Muddy water pumped from excavation and work areas must be held in settling basins or filtered before being discharged into surface waters. The water must be discharged through a pipe, well-grassed or lined channel, or other equivalent methods to prevent erosion and sedimentation. The discharged water must not create an objectionable color contrast with the receiving stream.

21. After construction is complete, all disturbed areas not covered by impermeable surfaces (e.g., asphalt, concrete, buildings) shall be covered with a minimum of 4 inches of topsoil, grass seed, and straw. The contractor shall maintain the seed and straw until a healthy, solid stand of permanent grass is established over the disturbed areas..

22. Silt fence shall be installed along the lower edge of disturbed areas where sheet flow runoff occurs. In areas where runoff is concentrated, such as swales and ditches, rock check dams shall be used to slow the water's velocity and promote sediment settling.

23. All construction and waste materials must be collected and removed from the site on a regular basis. These materials should be placed outside any existing or proposed drainage ways and must be covered and protected from rain until removal. Any liquid materials or chemicals stored on-site must be kept away from drainage ways, and a berm of sufficient height must be constructed around them to contain the entire volume of liquid, preventing spills from flowing off-site..

24. All soil, plants, trees, and other vegetation in protected streams, wetlands, and along their banks are protected by State law and are prohibited from being removed. The contractor shall ensure that these areas remain undisturbed during construction. Construction barriers or other necessary measures must be erected to ensure these areas are adequately protected.

25. The contractor shall designate an inspector to evaluate the erosion control measures as required by state and local agencies. The inspector must have successfully completed the "Fundamentals of Erosion Prevention and Sediment Control" course provided by the State of Tennessee. A copy of the inspector's certification or training record must be kept on-site.

26. Inspections required by the Tennessee General Permit must be conducted at least twice every calendar week, with a minimum of 72 hours between inspections. The inspections should cover all erosion control measures, disturbed areas, material storage areas, outfall points, construction access points, and other relevant areas. Inspections must also be conducted before anticipated storm events (or a series of storm events, such as intermittent showers over one or more days), and within 24 hours after the end of a storm event of 0.5 inches or more.

27. Any inadequate or damaged control measures must be replaced, modified, or repaired as needed before the next rain event if possible, but no later than 7 days after the issue is identified. The contractor shall provide additional erosion control measures as necessary to ensure adequate control and prevent any silt from leaving the project site..

28. Inspections must be documented and include the following: the scope of the inspection, the name and title of the personnel conducting the inspection, the date of the inspection, key observations regarding the implementation of the stormwater pollution prevention plan (including the location of any sediment or pollutant discharges from the site and any control devices that failed or were inadequate), and actions taken in accordance with the General Permit. Inspection documentation must be kept on-site and made available upon request. Inspection reports must be submitted to the State (TDEC) within 10 days of a request. Use the inspection report form provided in Appendix C of the General Permit and complete it on a weekly basis.

29. Sediment removed from sediment control structures must be placed at a site permitted by local and state agencies. The contractor is responsible for securing a designated site to dispose of the sediment material. The sediment must be treated in such a way that the area around the disposal site is not contaminated or damaged by stormwater runoff. The cost of this treatment should be included in the price for the earthwork..

30. The contractor shall remove sediment from all drainage structures, pipes, and swales before seeking acceptance by the developer or local governing agency.

31. Temporary erosion and water pollution control devices shall be removed only when, in the opinion of the owner's representative, they are no longer needed.

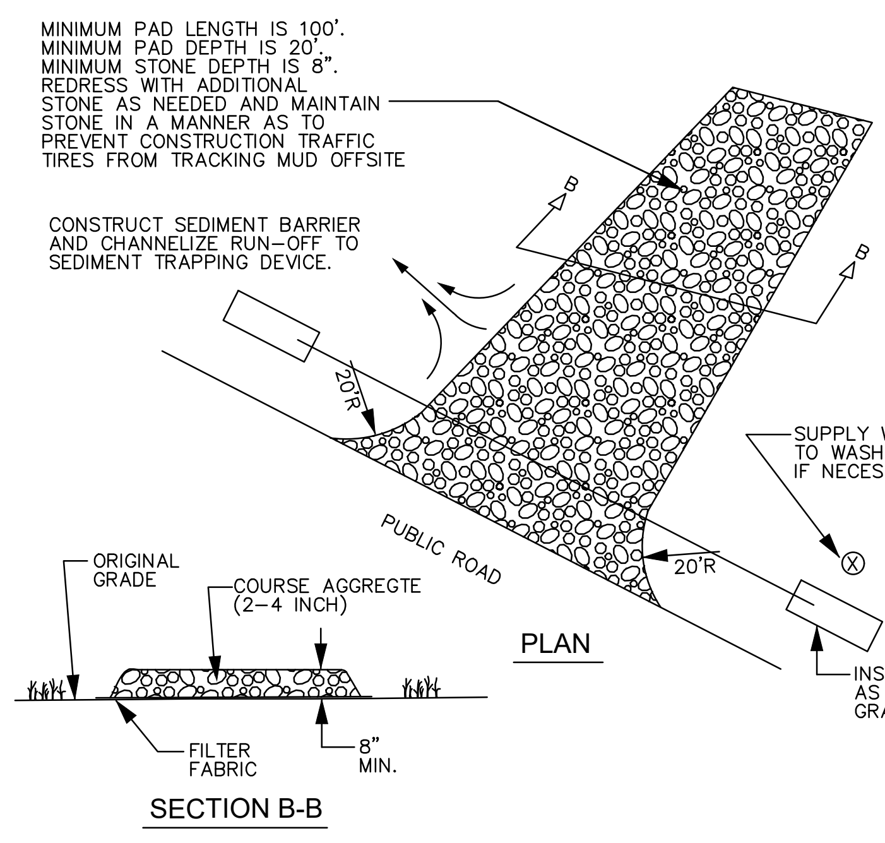
32. During the period between the completion of construction and the establishment of permanent vegetation, erosion control measures must remain in place and be maintained. Once permanent vegetation is fully established, the erosion control measures may be removed.

33. This SWPPP has been developed in accordance with the Tennessee General NPDES Permit (TNR100000) for stormwater discharges associated with construction activity (TNCGP) and is prepared using sound engineering practices. Personnel from Heritage Civil P.L.L.C. involved in the development of this plan have completed the design of vegetative and structural measures for erosion and sediment control course offered by the State of Tennessee.

34. As required by Part III.F of the TNCGP, this plan and all attachments are submitted to the local Environmental Assistance Center (EAC), along with the completed and correctly signed Notice of Intent (NOI). Construction will not begin until a Notice of Coverage (NOC) is received from the Tennessee Department of Environment and Conservation (TDEC).

35. Erosion prevention and sediment control measures must be fully implemented and functional prior to the start of any earthmoving activities. These measures must remain in place and maintained throughout the construction process. Temporary erosion and sediment control measures may be removed at the beginning of each workday, but they must be reinstated at the end of each workday.

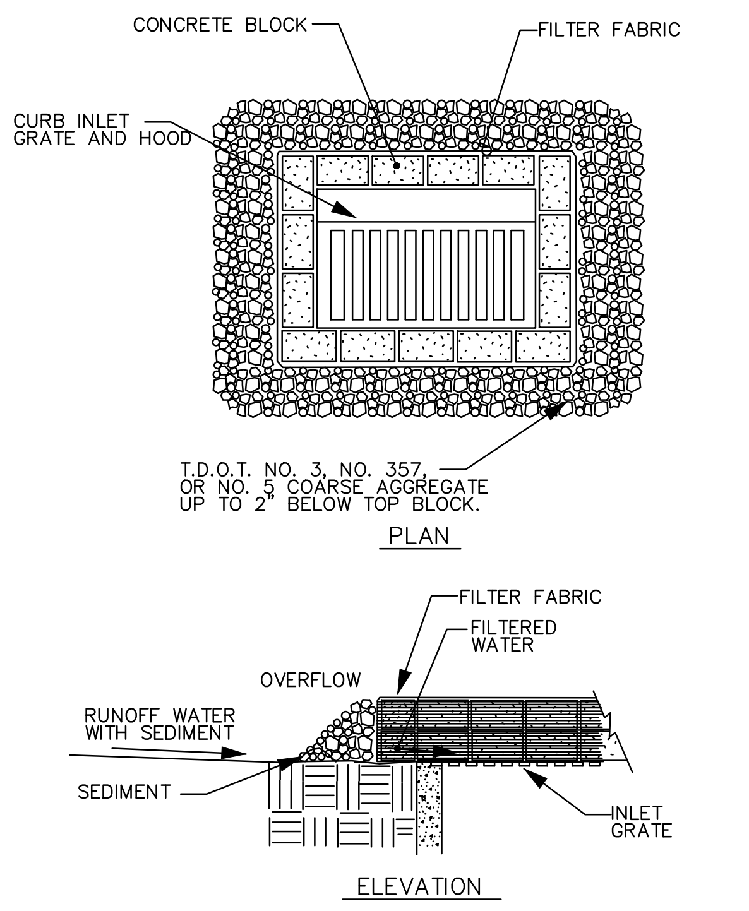
36. Discharges of fuels, oils, or any other potential pollutants resulting from vehicle and equipment operation or maintenance are strictly prohibited. The contractor is required to designate a specific area for vehicle fueling and maintenance and must implement procedures to prevent and respond to chemical spills and leaks. All maintenance and refueling operations must comply with OSHA regulations, TDEC regulations, and Mount Pleasant Industrial/Commercial Management Practices.



STABILIZED CONSTRUCTION EXIT

N.T.S.

TCP-03-1(Volume 4 Nashville Storm Management Manual)

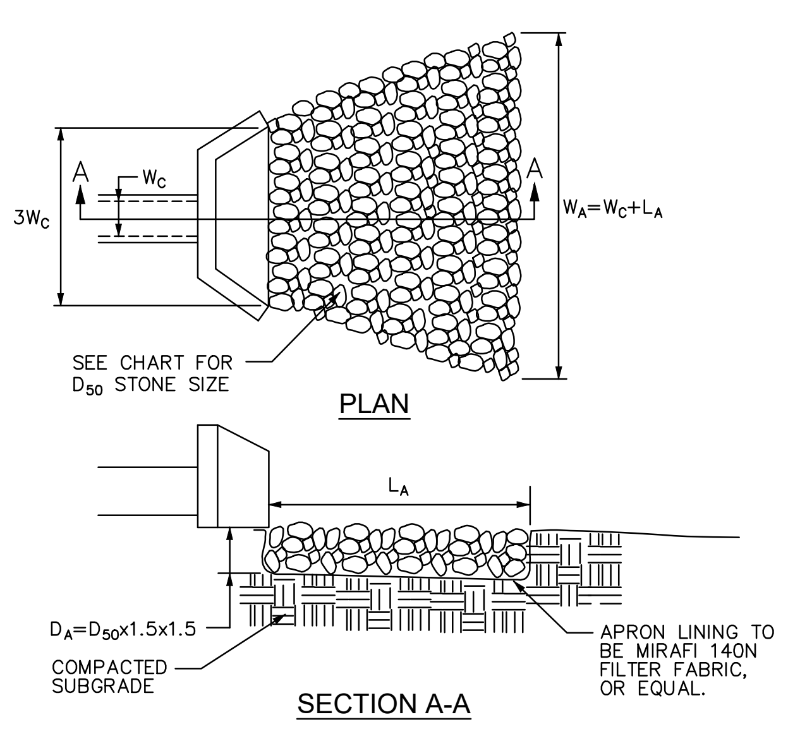


INLET PROTECTION

N.T.S.

TCP-24-2 (Volume 4 Nashville Storm Management Manual)

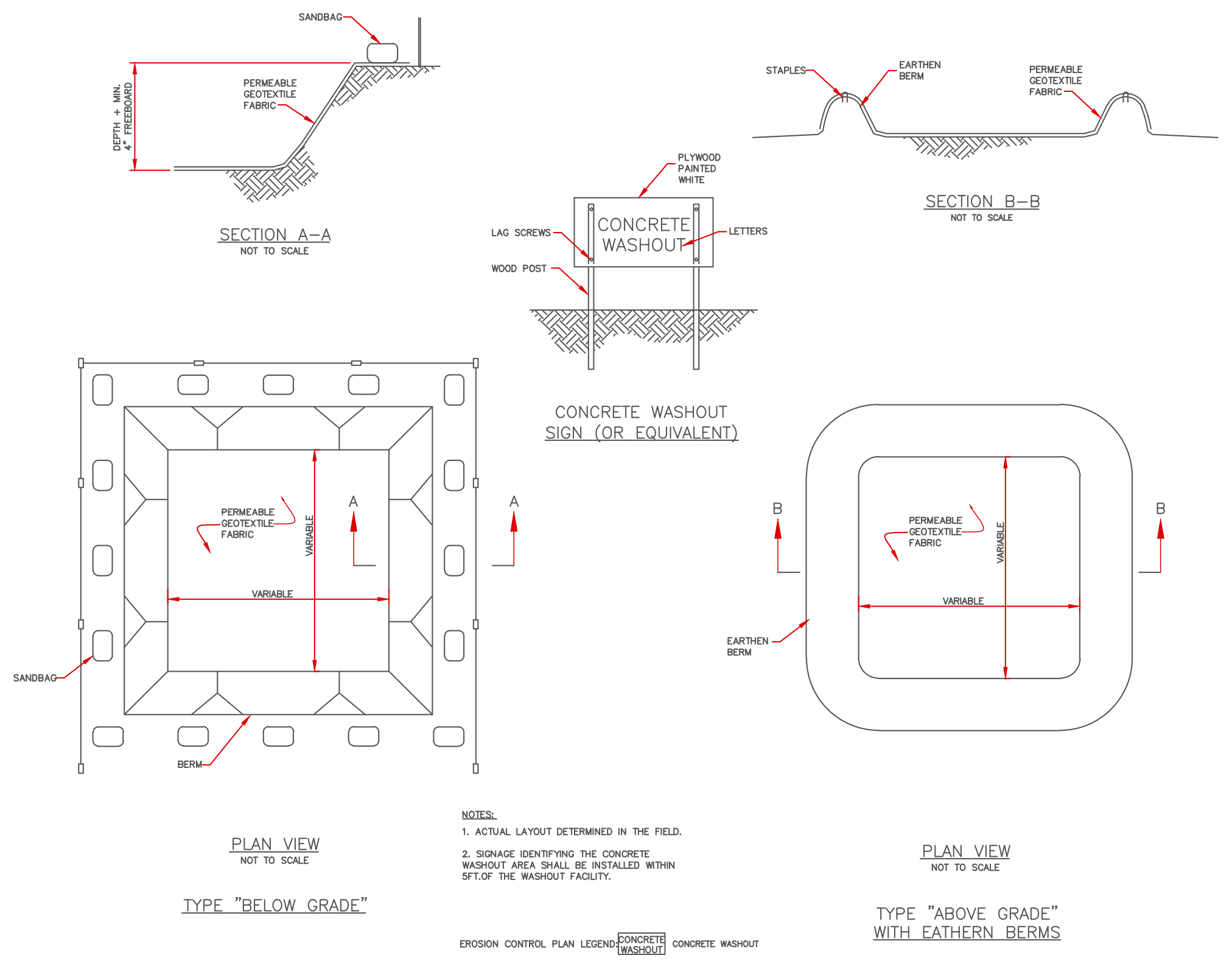
W_C, Culvert Diameter (inches)	D_{50}, Rock Size (inches)	L_A, Apron Length (feet)	W_A, Downstream Width (feet)	D_A, Thickness (inches)
12	6	12	13	14
18	9	16	18	20
24	9	20	22	20
30	12	22	25	27
36	12	24	27	27
42	18	26	30	41
48	18	28	32	41



RIPRAP AT HEADWALL

N.T.S.

PESC-07-1(Volume 4 Nashville Storm Management Manual) & Fig.7.23-1(TDEC E&SC Handbook)

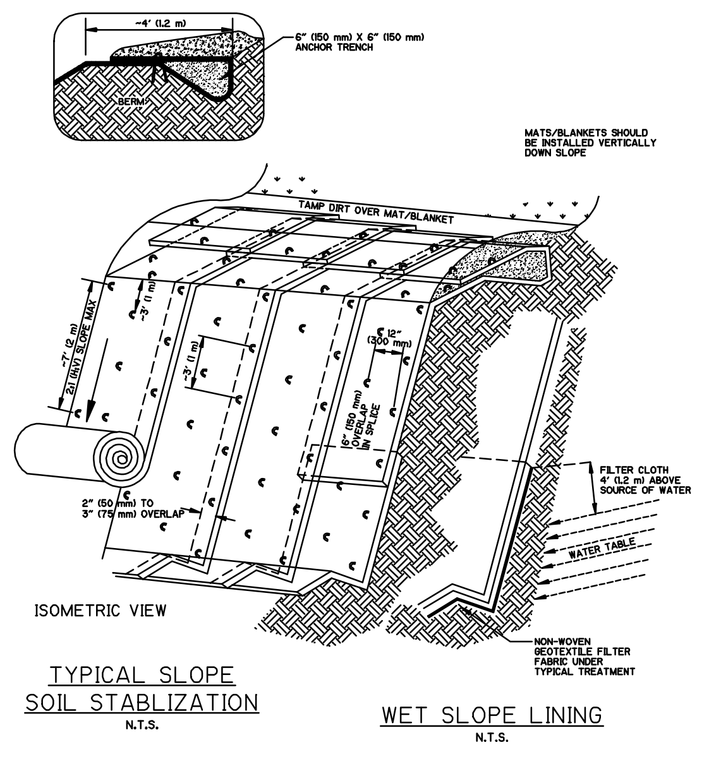


NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. SIGNAGE IDENTIFYING THE CONCRETE WASHOUT AREA SHALL BE INSTALLED WITHIN 5FT.OF THE WASHOUT FACILITY.

CONCRETE WASHOUT

N.T.S.

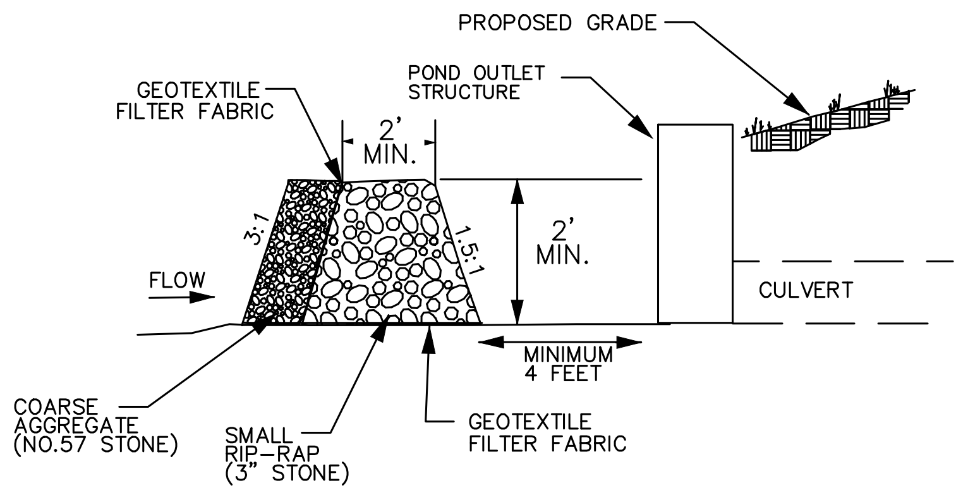


NOTES:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, SOIL CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

EROSION CONTROL MATTING ON SLOPE

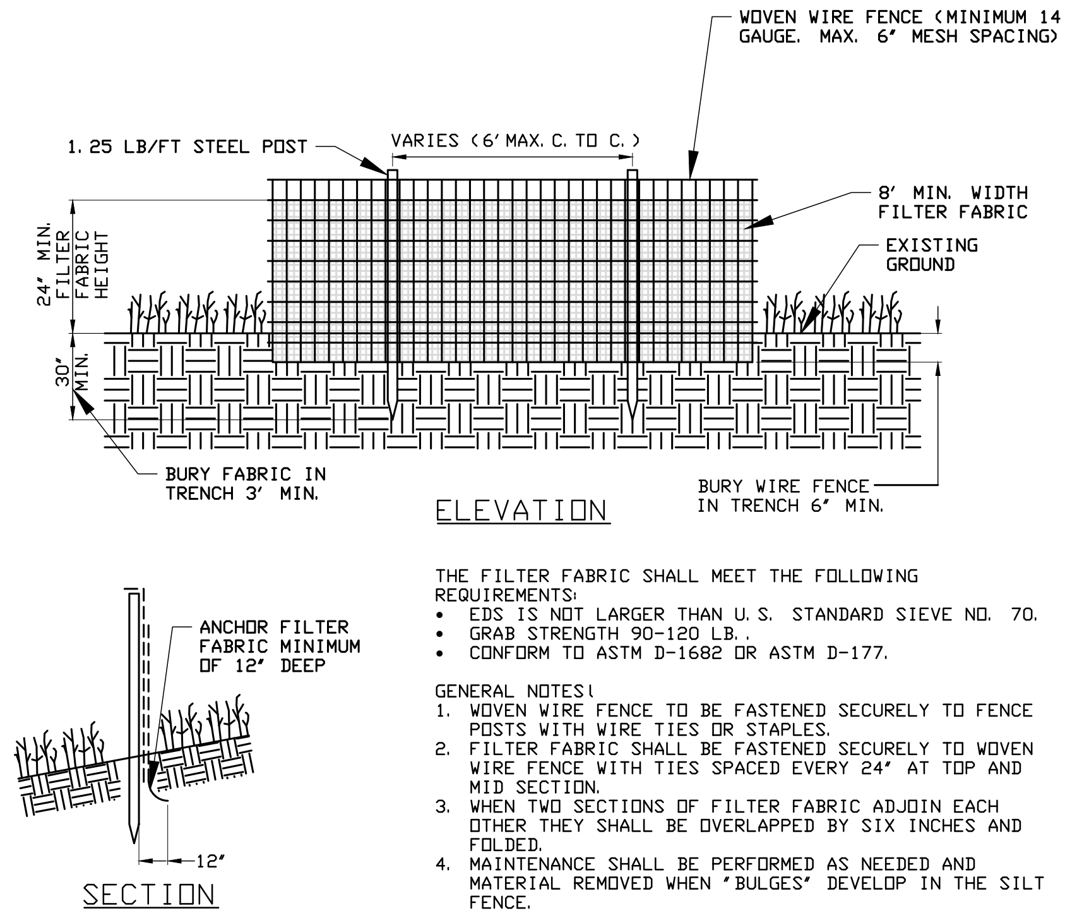
N.T.S.



STONE FILTER RING

N.T.S.

Fig.7.30-1(TDEC E&SC Handbook)



THE FILTER FABRIC SHALL MEET THE FOLLOWING REQUIREMENTS:

- EDS IS NOT LARGER THAN U. S. STANDARD SIEVE NO. 70.
- GRAB STRENGTH 90-120 LB..
- CONFORM TO ASTM D-1682 OR ASTM D-177.

GENERAL NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER FABRIC SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

WIRE BACKED SILT FENCE

N. T. S.

Tennessee 811
Know what's below.
Call before you dig.

Tennessee Construction General Permit Notice of Coverage (NOC) Certification:

Please fill out and sign/date one of the following two statements:

1. The project associated with these submitted plans is covered under Tennessee Construction General Permit TNR ###### . The Total Disturbed Area is: 2.96 acres.

   Check all that apply: This site discharges into waters identified by TDEC as:
   ☑ Impaired for siltation ☐ Impaired for habitat alteration ☐ Exceptional

   Signature ________ Date ________

   Circle one: Developer Project Engineer Other ________

   Please attach a copy of the Notice of Coverage under the Construction General Permit.

   NOTE: A project will not be scheduled for a Pre-Construction Meeting until the State Construction General Permit NOC letter is submitted.

2. I hereby certify that this project does not require coverage under a Tennessee Construction General Permit. The Total Disturbed Area is: ________ acres.

   Check all that apply: This site discharges into waters identified by TDEC as:
   ☐ Impaired for siltation ☐ Impaired for habitat alteration ☐ Exceptional

   Signature ________ Date ________

   Circle one: Developer Project Engineer Other ________

   Note: Projects of one (1) or more acres require State permit coverage, while projects of less than one (1) acre do not require State permit coverage. Also, projects of less than one (1) acre that are part of a total development project of one (1) or more acres require State permit coverage.

(If you are unsure whether your particular project requires coverage under a Tennessee General Storm Water permit, please call the TDEC Field Office @ (615) 687-7000).

HERITAGE CIVIL
2055 N Mt. Juliet Road, Ste 204
Mt. Juliet, TN 37122
JakeP@HeritageCivil.com
615.945.5666

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL
JOSEPH M. HADDIX
02/26/26

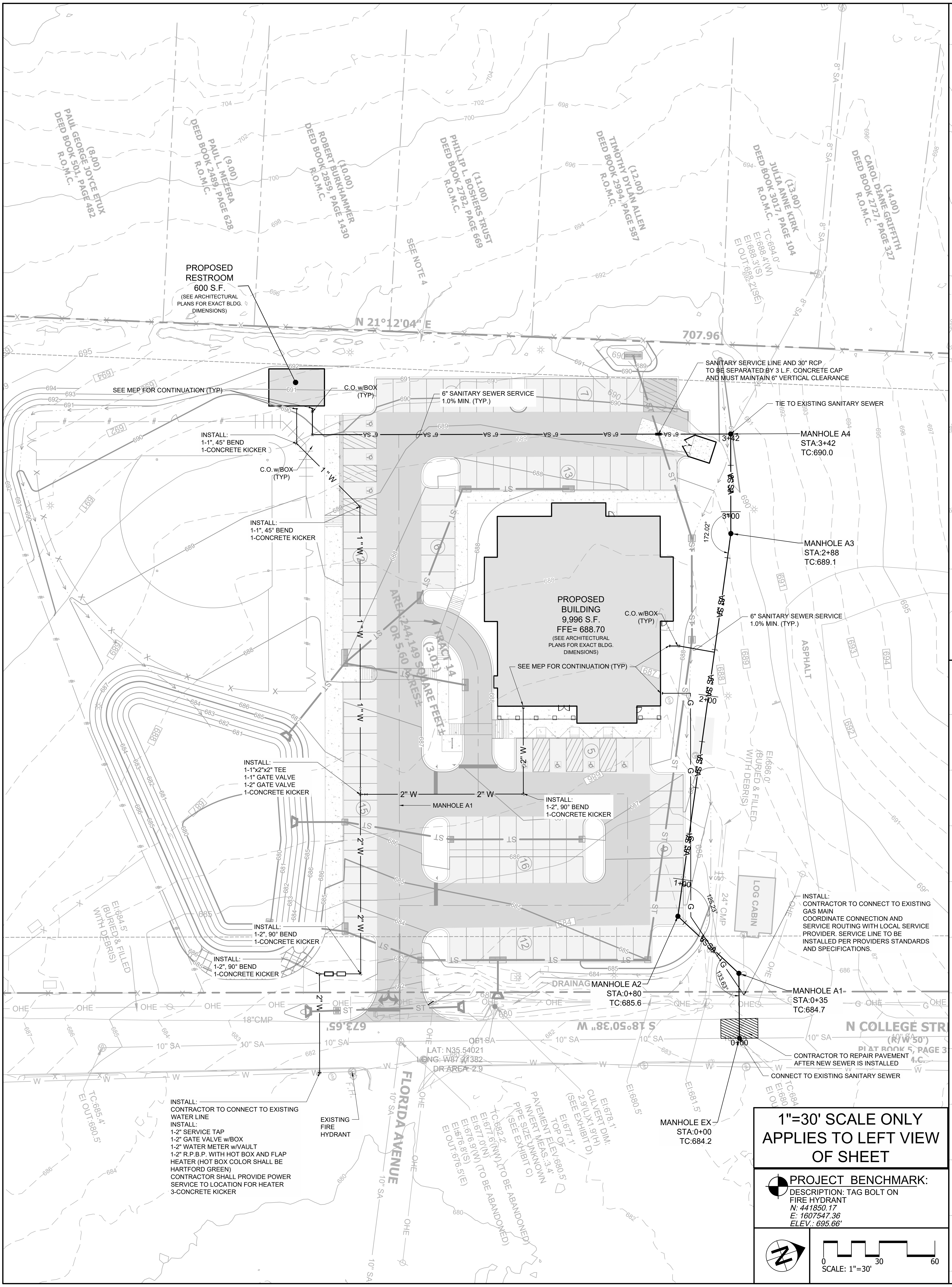
SWPPP NOTES & DETAILS

C3.04

HC PROJECT NO.: 25-041-01

Feb 27, 2026 - 7:28am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C3.04 - SWPPP Notes & Details.dwg

Feb 27, 2026 - 7:28am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C4.00 - Site Utility Plan.dwg



SANITARY SERVICE LINE AND 30" RCP TO BE SEPARATED BY 3 L.F. CONCRETE CAP AND MUST MAINTAIN 6" VERTICAL CLEARANCE

INSTALL:
1-1", 45° BEND
1-CONCRETE KICKER

INSTALL:
1-1", 45° BEND
1-CONCRETE KICKER

INSTALL:
1-1"x2"x2" TEE
1-1" GATE VALVE
1-2" GATE VALVE
1-CONCRETE KICKER

INSTALL:
1-2", 90° BEND
1-CONCRETE KICKER

INSTALL:
1-2", 90° BEND
1-CONCRETE KICKER

INSTALL:
1-2", 90° BEND
1-CONCRETE KICKER

INSTALL:
CONTRACTOR TO CONNECT TO EXISTING GAS MAIN
COORDINATE CONNECTION AND SERVICE ROUTING WITH LOCAL SERVICE PROVIDER. SERVICE LINE TO BE INSTALLED PER PROVIDERS STANDARDS AND SPECIFICATIONS.

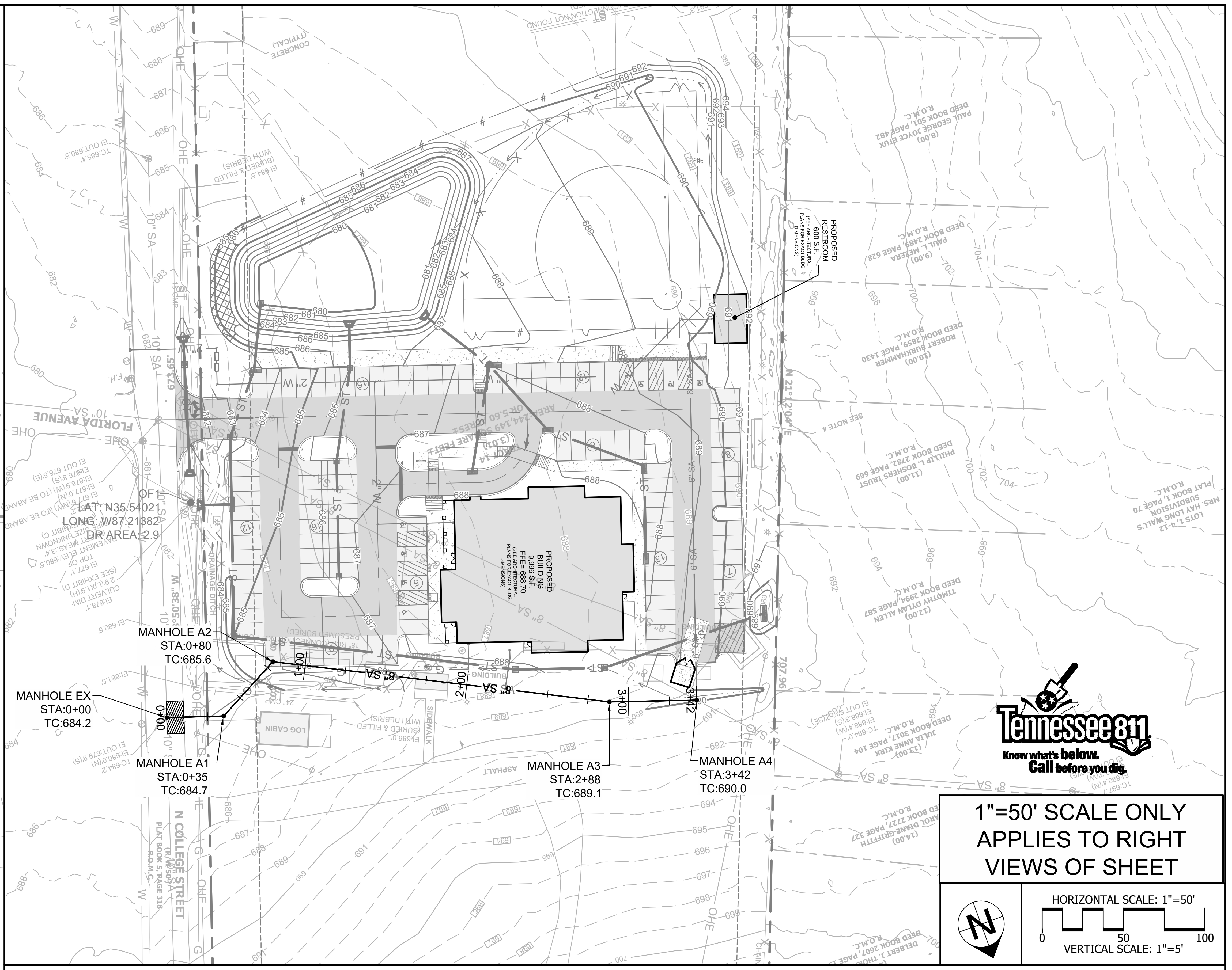
CONTRACTOR TO REPAIR PAVEMENT AFTER NEW SEWER IS INSTALLED

INSTALL:
CONTRACTOR TO CONNECT TO EXISTING WATER LINE
INSTALL:
1-2" SERVICE TAP
1-2" GATE VALVE w/BOX
1-2" WATER METER w/VAULT
1-2" R.P.B.P. WITH HOT BOX AND FLAP HEATER (HOT BOX COLOR SHALL BE HARTFORD GREEN)
CONTRACTOR SHALL PROVIDE POWER SERVICE TO LOCATION FOR HEATER
3-CONCRETE KICKER

1"=30' SCALE ONLY APPLIES TO LEFT VIEW OF SHEET

PROJECT BENCHMARK:
DESCRIPTION: TAG BOLT ON FIRE HYDRANT
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

SCALE: 1"=30'



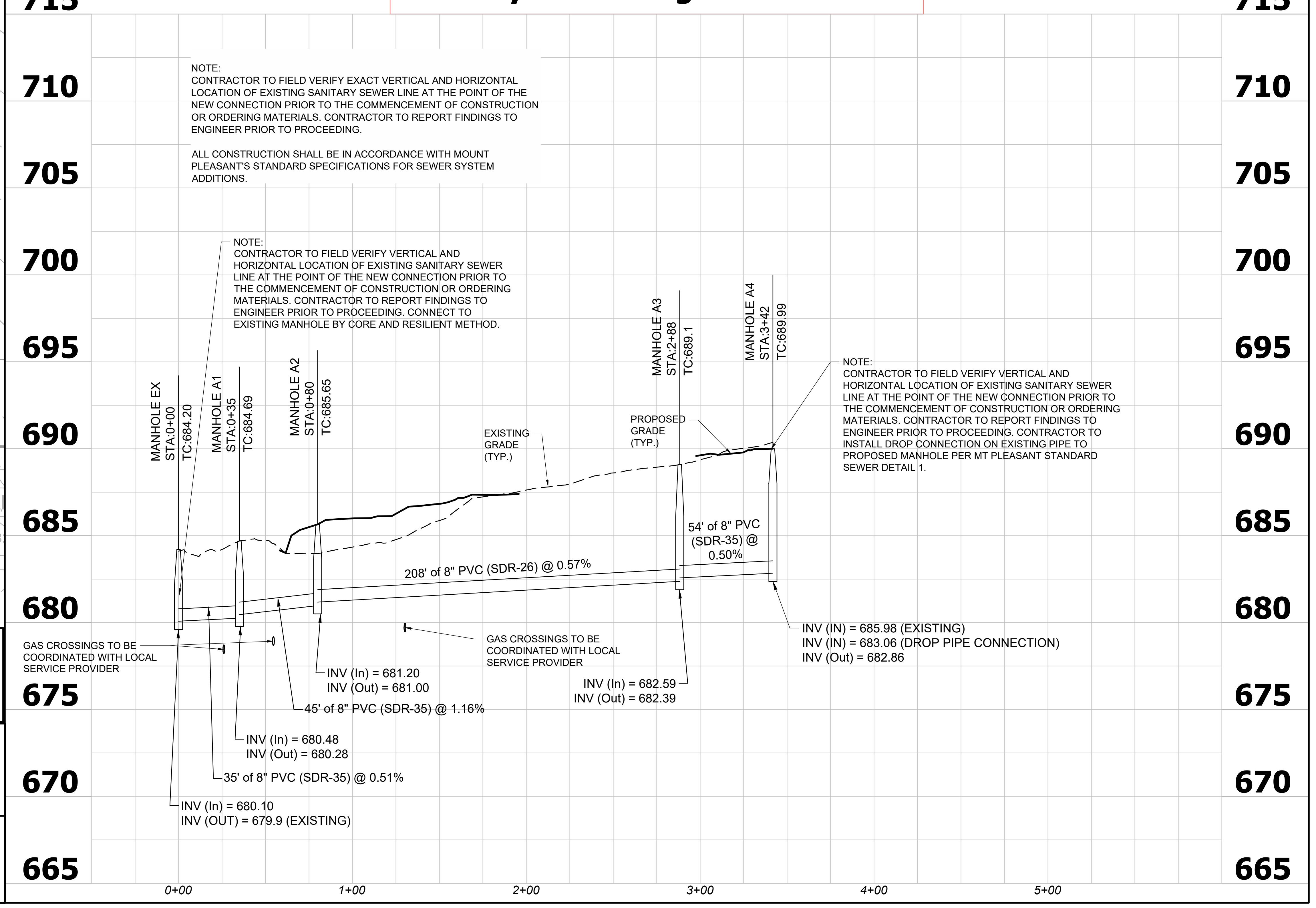
1"=50' SCALE ONLY APPLIES TO RIGHT VIEWS OF SHEET

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Sanitary Sewer Alignment - Line A

NOTE:
CONTRACTOR TO FIELD VERIFY EXACT VERTICAL AND HORIZONTAL LOCATION OF EXISTING SANITARY SEWER LINE AT THE POINT OF THE NEW CONNECTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO REPORT FINDINGS TO ENGINEER PRIOR TO PROCEEDING.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MOUNT PLEASANT'S STANDARD SPECIFICATIONS FOR SEWER SYSTEM ADDITIONS.



NOTE:
CONTRACTOR TO FIELD VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING SANITARY SEWER LINE AT THE POINT OF THE NEW CONNECTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO REPORT FINDINGS TO ENGINEER PRIOR TO PROCEEDING. CONNECT TO EXISTING MANHOLE BY CORE AND RESILIENT METHOD.

NOTE:
CONTRACTOR TO FIELD VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING SANITARY SEWER LINE AT THE POINT OF THE NEW CONNECTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO REPORT FINDINGS TO ENGINEER PRIOR TO PROCEEDING. CONTRACTOR TO INSTALL DROP CONNECTION ON EXISTING PIPE TO PROPOSED MANHOLE PER MT PLEASANT STANDARD SEWER DETAIL 1.

HERITAGE CIVIL
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615.943.5666

NEW MOUNT PLEASANT LIBRARY

SITE PLAN

301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL

JOSEPH M. HADDIX
No. 114927
02/26/26

SITE UTILITY PLAN

C4.00

HC PROJECT NO.: 25-041-01

General Notes:

1. Base information was taken from survey by Crawford & Cummings, P.C. dated June 20, 2025.

2. All roadway, driveway, sidewalk, and curb construction must comply with the requirements and specifications of the local municipality codes and regulations.

3. Concrete used for curbs and sidewalks shall have a minimum compressive strength of 3500 PSI, unless otherwise specified by local codes.

4. The contractor shall ensure compliance with all local codes and obtain necessary approvals before beginning any construction activities.

5. All construction materials and installation related to the site must adhere to the regulations and specifications of the local governing agency.

6. Handicap ramps must have a maximum slope of 1:12, in accordance with accessibility requirements.

7. All materials and construction for pavement must meet the standards and specifications set forth by the local governing agency and the state Department of Transportation (D.O.T.).

8. Before starting any utility work, the contractor shall verify all existing conditions (e.g., inverts, utility routings, utility crossings, and dimensions) in the field. Any discrepancies should be reported to the owner's representative. The contractor is responsible for repairing any damage caused to existing features (such as pavement, sidewalks, curbs, utilities, etc.) during construction at their own expense, restoring them to the condition prior to construction, or better.

9. Dimensions are measured from the face of curb and/or exterior face of the building unless otherwise noted.

10. Curbs shall be placed parallel to the centerline of the driveway. The curb installation shall occur only after the contractor has located all break points (PC & PT of curves) at the face of the curb or at a consistent offset, as determined by a licensed surveyor.

11. Any work deemed unacceptable by the owner's representative or the local governing authority must be repaired or replaced by the contractor at no additional cost to the owner.

12. Any existing pavement of private or public roadways/drives that is removed due to utility installation must be patched in accordance with the standards of the local governing authority. Pavement trenching locations should be coordinated with the civil, plumbing, and electrical plans.

13. The contractor must comply with all relevant provisions of the "Manual of Accident Prevention in Construction" issued by the AGC of America, Inc., as well as the "Safety and Health Regulations for Construction" issued by the U.S. Department of Public Works.

14. The contractor must provide all necessary notices and obtain all required permits prior to starting construction work.

15. If discrepancies or errors are found in these site drawings, or if any issues arise during construction, the contractor must notify the engineer before proceeding with the work.

16. The contractor is particularly cautioned that the location and/or elevation of existing utilities shown on these drawings are based on utility company records and, where possible, field measurements. This information should not be relied upon as exact or complete. The contractor must contact the appropriate utility company at least 72 hours before excavation and request verification of utility locations. It is the contractors responsibility to relocate any conflicting existing utilities according to all applicable local, state, and federal regulations.

17. The contractor must exercise extreme caution when working near overhead and underground electrical wires and services. If any work is required in close proximity to such wires, the contractor must contact the electric company before proceeding and take all necessary safety precautions. A thorough examination of the overhead and underground wires in the project area should be conducted by the contractor before beginning construction.

18. The owner and engineer do not assume responsibility for the possibility that utilities not shown on the plans may be encountered during construction, or that the locations of utilities shown on the plans may differ from their actual locations. If the exact location of underground utilities is critical, the contractor is responsible for verifying and establishing the position of these utilities at their own expense, using the necessary labor and tools.

19. The contractor shall not scale these drawings, as they are reproductions and may be distorted.

20. These plans, prepared by Heritage Civil, do not include any safety systems for the construction contractor, employees, agents, or representatives. The engineer's professional seal on these plans does not extend to any safety systems incorporated into the plans. The contractor is responsible for preparing or obtaining any necessary safety systems as required by the Occupational Safety and Health Administration (OSHA) or local regulations.

21. In case of any conflicts between this drawing and other drawings or specifications, the contractor must immediately notify the engineer for clarification.

Tennessee 811
Know what's below.
Call before you dig.

Site Demolition Notes:

1. The contractor must contact Tennessee One Call (811) at least 72 hours before starting any excavation.

2. The contractor is required to verify the limits of demolition with the owner's representative before beginning work.

3. The contractor shall comply with all local codes, secure all necessary permits, and provide any required notices before proceeding with the work.

4. Any cavities left after the removal of structures must be properly backfilled and compacted as specified in these plans and specifications.

5. The contractor is responsible for all demolition and removal work required to complete the proposed improvements as shown on these plans.

6. The contractor is responsible for locating all utilities, both charted and uncharted. Care must be taken to protect utilities that will remain in place. Any damage to utilities must be repaired according to local standards, at the contractor's expense. The contractor must coordinate all construction activities with the appropriate utility companies.

7. In areas where existing pavement, sidewalks, or curbs are to be removed, the contractor shall saw cut to ensure a clean edge. The extent of pavement demolition must align with the limits of new improvements as shown on the site layout plan.

8. All materials removed and not reused in the new construction, such as trees, shrubs, signs, and utility structures, shall first be offered to the owner's representative. If not accepted, the contractor must dispose of them appropriately.

9. The contractor is responsible for using water sprinkling and other appropriate methods to control dust and dirt caused by the demolition work.

10. The contractor shall protect all survey control points and is responsible for the replacement of any control points that are disturbed during construction.

11. No demolition of utility or storm sewer lines shall occur until the new lines have been installed and are fully operational.

12. The contractor must coordinate the phasing of demolition with the owner's representative and the local governing agency before beginning any work. Disruptions to utility services and traffic patterns must be minimized and may only begin after receiving approval from the local governing agency and utility companies.

13. If water and sewer lines are to be abandoned, the contractor may leave the lines in place if they are at least 24" below the final subgrade elevation. All ends of abandoned utility lines must be permanently sealed with a concrete plug. Existing lines within the proposed building footprint (and up to 10 feet beyond the footprint) must be removed.

14. Any existing lights and poles that are to be removed must be offered to the owner's representative before disposal. The contractor must coordinate the demolition of lighting and the layout with the electrical plans.

15. Existing trees to be preserved must be barricaded prior to the start of construction, in accordance with the tree preservation guidelines and details on the landscape plan.

16. The contractor is responsible for incorporating any isolation valves or temporary plugs required to construct new utility lines and demolish existing utility lines.

17. If the existing irrigation lines are affected by the construction, the contractor shall adjust the existing irrigation systems as directed by the landscape plan. Irrigation service must be maintained during construction for all landscaped areas currently irrigated.

18. The relocation of existing plant materials must be coordinated with the owner, and the plants must be relocated to a designated area on-site.

19. Selective clearing, including the removal of vines, saplings under 1" in diameter, and underbrush, shall be performed in tree preservation areas as indicated in the plans.

Site Grading & Erosion Control Notes:

1. The total disturbed area for this project is approximately 2.96 acres.

2. The contractor shall adhere to all relevant provisions outlined in the "Manual of Accident Prevention in Construction" issued by AGC of America, Inc. and comply with the safety and health regulations set by the U.S. Department of Labor.

3. The contractor shall contact "Tennessee One Call" (811) at least 72 hours before beginning any excavation work.

4. If springs or underground streams are encountered during construction, the contractor may be required to install permanent French drains. The specifications and locations of these drains shall be determined during construction based on encountered conditions and must be approved by the engineer.

5. Stockpiled topsoil or fill material must be managed to prevent sediment runoff from contaminating surrounding areas or entering nearby streams.

6. Silt barriers should be cleaned when they are approximately 50% full of sediment or as directed by the owner's representative. Barriers should be replaced when their effectiveness is significantly reduced, or as directed by the owner's representative.

7. All new pipes beneath existing paved areas must be backfilled to the top of subgrade with #57 crushed stone.

8. Sediment removed from sediment control structures must be disposed of at a site approved by the local governing authority. The disposal area must be treated to ensure it is not contaminated or damaged by sediment runoff. The contractor’s bid must include the cost for treatment and securing the disposal site.

9. Reinforced concrete storm drainage pipes must be Class III.

10. The minimum grade for asphalt or concrete paving must be 1.0%.

11. Silt barriers must be installed before starting any grading operations.

12. This grading and drainage plan does not guarantee the suitability of the subsurface conditions for the indicated work. The contractor is solely responsible for determining the suitability of the subsurface conditions.

13. Vegetation should not be disturbed and trees should not be removed unless necessary for grading.

14. Top-of-grate elevations and the location of drainage structures must be installed as shown on the plans unless otherwise specified. Grates should slope longitudinally with the pavement grades. Coordinates provided represent the center of the grate, at the face of the curb where applicable.

15. Any site used for material disposal or stockpiling must have the proper permits. The contractor is responsible for obtaining the necessary permits for each site. The approved permit must be provided to the inspector before starting work. Failure to do so may result in the contractor being responsible for removing illegally placed material at their own cost.

16. Disturbed areas must be seeded, strawed, and topsoiled (at least 6 inches deep) as soon as possible after final grading, unless otherwise indicated. The contractor must take all necessary steps to establish permanent soil stabilization.

17. Proposed contour lines and spot elevations represent an engineered grading design aimed at facilitating drainage and material movement. If the contractor has questions or concerns regarding the grades, the engineer must be contacted immediately.

18. All cut and fill slopes must be 3:1 or flatter unless otherwise specified in the plans.

19. Positive drainage must be established as the first step of work and maintained throughout construction and after completion. Soil affected by perched water in foundation and pavement areas must be undercut and replaced with suitable fill material.

20. Sediment must be removed from all drainage structures before they are accepted by the local governing authority, or as directed by the owner's representative.

21. The contractor shall comply with all applicable codes and obtain necessary approvals before beginning construction.

22. Temporary erosion and water pollution control devices should be removed only after a solid stand of grass has been established on graded areas and when, in the owner's representative's opinion, they are no longer needed.

23. Provide temporary construction access at the points where construction vehicles exit the site. Public roadways must be kept free of tracked mud and dirt.

24. All earthwork, including excavated subgrade and each layer of fill, must be monitored and approved by a qualified geotechnical engineer or their representative.

25. All fill material used on this project must be approved by the geotechnical engineer before placement. The material must be placed in lifts and compacted as directed by the geotechnical engineer. The contractor is responsible for hiring a geotechnical engineer if one is not provided by the owner.

26. All drainage construction materials and installation methods must meet the requirements and specifications set by the local governing agency.

27. The contractor is responsible for disposing of any excess earth material off-site at no additional cost to the owner. The contractor must offer the excess material to the owner first, and if the owner does not accept it, the contractor must dispose of it off-site. If sufficient earth material is unavailable on-site, the contractor must import suitable material at no additional cost to the owner.

28. The contractor must verify existing grades and dimensions in the field before beginning work and report any discrepancies to the engineer. Beginning any grading work signifies the contractor’s acceptance of the existing grade as shown on the plans.

29. Topsoil must be stripped from all cut and fill areas and stockpiled. Upon completion of grading, the topsoil should be respread over all disturbed areas to a minimum depth of 6 inches. If insufficient topsoil is available, the contractor must supply additional material and remove any excess topsoil from the site.

30. The contractor must ensure that fill is compacted properly around and over all pipes, structures, valve stems, etc., within proposed paved areas to prevent settlement. Any settlement occurring during the warranty period must be corrected by the contractor at no additional cost to the owner.

31. The contractor must ensure that slope height, inclination, or excavation depth, including trench construction, does not exceed the limits set by local, state, or federal regulations. The current OSHA Health and Safety Standards for Excavations (29 CRF Part 1926) must be followed.

32. All fill and cut slopes must be reviewed by the owner's geotechnical engineer during construction to ensure they remain stable. The contractor is responsible for obtaining written confirmation from the geotechnical engineer regarding this.

33. All fill must be installed and compacted according to the recommendations of the owner’s geotechnical engineer. The geotechnical engineer will review all fill operations to confirm proper installation and compaction. The contractor must obtain written confirmation from the geotechnical engineer.

34. The contractor must coordinate the relocation of existing plant materials with the owner and relocate them to a designated area on-site.

35. The horizontal and vertical information for proposed culverts that accept or discharge flows to or from existing channels is approximate, based on topographic drawings. The final alignment must be field-located by the contractor before ordering materials or commencing construction. Any discrepancies with the design must be reported to the engineer.

36. The contractor must coordinate the exact location of storm drain connections at the building with the plumbing plans.

37. The location of all diversion swales and ditches must be adjusted in the field to avoid trees whenever possible. The contractor must walk the alignment of these swales and ditches to confirm tree avoidance.

38. The depth of foundations and/or footings for buildings and walls adjacent to bio-retention areas must be based on the excavated depth of the bio-retention area, not the planting surface elevation.

Site Utility Notes:

1. Before beginning any construction or ordering materials, the contractor must verify the exact horizontal and vertical location of all existing utilities at the proposed connection points. Any discrepancies must be immediately reported to the design engineer.

2. The sanitary sewer line shall be PVC-SDR 35, the domestic water line shall be Type K copper, and the public water and fire service lines shall be Class 52 ductile iron pipe.

3. Water meters must be installed no deeper than 24 inches from the top of the meter to the proposed finished grade, unless otherwise required by the local water department.

4. Prior to submitting their bid, the contractor is responsible for contacting the owners of all affected utilities to determine the impact of utility relocations or adjustments on the project schedule. While some work may be required around existing utilities, other facilities may need to be adjusted during the contractor's operations.

5. The contractor shall adhere to all provisions of the "Manual of Accident Prevention in Construction" issued by AGC of America.

6. Provide a minimum of 36 inches of cover over all water lines unless otherwise required by the local water department.

7. All water lines, sewer lines, and appurtenances must conform to the local water department/district's specifications and requirements.

8. Coordinate the exact location of all utilities entering the building with the plumbing plans.

9. Protect existing utilities from damage during construction. If special equipment is required to work around these utilities, the contractor must provide it at no additional cost to the owner.

10. A Reduced Pressure Backflow Preventer (RPBP) or dual check valves will be required on all test and fill lines used in water main construction, subject to approval by the local water department/district.

11. All connections to existing manholes must be made using the coring and resilient seal method.

12. Before making connections to existing utilities, the contractor must flush and test the new lines according to local water department/district specifications.

13. The contractor must adjust the alignment of water lines (both horizontally and vertically) to allow for the required bracing at bends and tees.

14. Provide all necessary horizontal and vertical bends to achieve the alignment indicated on the plans. Vertical bends should be used where needed to pass water lines under or over other utilities. Bracing or rodding must be provided at all bends and tees, as required by the local utility department/district.

15. The contractor shall mark the location of all new PVC lines with #8 wire.

16. The location of existing utilities shown on these plans is approximate. The contractor must notify each utility owner of the planned work in their area and request that the utilities be properly located before construction. An underground locator should mark the location of existing lines, with at least three (3) business days' notice before beginning work.

17. Fire hydrant assemblies shall include the correctly sized tee (with kicker), 6-inch line to the hydrant, 6-inch gate valve (with valve box), and fire hydrant (with kicker). Hydrants should be installed within 7 feet of the curb, with a minimum of 2 feet behind the curb.

18. If drainage or utility lines are located in proposed fill areas, the fill material must be placed and compacted according to specifications and the recommendations of the Geotechnical Engineer before installation of the drainage or utility lines. Fill must be inspected by a professional geotechnical testing firm employed by the owner. The results of the tests must be provided to the owner's representative, and the contractor is responsible for any retesting costs.

19. The contractor must verify the exact horizontal and vertical location of existing manholes, sanitary sewer lines, and water lines at the connection points before starting construction or ordering materials, and immediately report any discrepancies to the engineer.

20. Any damage to existing pavement, curbs, sidewalks, landscaping, etc., caused by construction activities must be repaired to like-new condition at no additional cost to the owner.

21. Sanitary sewer services must be 6-inch diameter PVC (SDR 26) with a minimum slope of 1.0%, unless otherwise shown on the drawings. The lines should start 5 feet beyond the buildings. Coordinate connection points with the building plumbing drawings. Provide a minimum of 30 inches of cover in grass areas and 48 inches of cover in paved areas.

22. Some utilities may be located by calling the "Tennessee One Call" System (1-800-351-1111) 72 hours before beginning excavation.

23. Concrete caps and encasements on water and sewer lines must be at least 6 inches thick, using 3000 PSI concrete.

24. The contractor is responsible for coordinating the sequencing of construction for all utility lines so that water lines do not conflict with sanitary sewers, sewer services, storm sewers, or any other utility or structure, whether existing or proposed.

25. All trenches cut in existing roads or drives must have a clean saw cut and be backfilled (100%) to final subgrade with #57 stone. Repair pavement in accordance with local governing agency requirements.

26. Existing manholes located in fill/cut areas must be adjusted to ensure the top of the casting is flush with the finished grade.

27. The contractor must maintain a 10-foot horizontal separation between sanitary sewer lines and water lines. Where this cannot be achieved, an 18-inch vertical separation must be maintained between the water and sewer lines.

28. The contractor must coordinate the proposed gas line construction and installation with the local gas company.

29. The contractor must coordinate the proposed electric line construction and installation with the local electric company.

30. The contractor must coordinate the proposed telephone line construction and installation with the local telephone company.

GENERAL LINETYPES

[EX. = EXISTING]

EX. FORCEMAIN	— — — FM — — —
EX. GAS	— — — G — — —
EX. OVERHEAD ELECTRIC	— — — OHE — — —
EX. UNDERGROUND ELECTRIC	— — — UGE — — —
EX. SANITARY SEWER	— — — SA — — —
EX. STORM SEWER	— — — ST — — —
EX. FIRE	— — — F — — —
EX. WATER	— — — W — — —
BOUNDARY	━━━ ━ ━ ━━━
LOT	━━ - - ━━ - - ━━
EASEMENT	– – – – – – – – –
DITCH	—— · · · ——→ · · · ——→——→
FENCE	—— # ——— # ———
ROAD CENTERLINE	———— — ————
WATER FEATURES	——— · · · ——— · · · ———
FORCEMAIN	———— FM ————
GAS	———— G ————
OVERHEAD ELECTRIC	———— OHE ————
UNDERGROUND ELECTRIC	———— UGE ————
SANITARY SEWER	———— SA ————
STORM SEWER	━━━━ ST ━━━━
FIRE LINE	———— F ————
WATER	———— W ————

GENERAL SYMBOLS

CLEANOUT (TYP.)	▢
END OF SERVICE (TYP.)	≀
FIRE HYDRANT	✥
HANDICAP SPACE	♿
LOT NUMBER	00
POWER POLE	∅
RETAINING WALL	▨
SANITARY MANHOLE	⊕
SIGN (TYP.)	⊸
STORM MANHOLE	⊗
STORM AREA DRAIN	▥
STORM CURB INLET	▯

GENERAL PATTERNS

EXISTING BUILDING	░
PROPOSED BUILDING	▒
HEAVY DUTY CONCRETE	▨
LIGHT DUTY CONCRETE	▨
HEAVY DUTY PAVEMENT	▒
LIGHT DUTY PAVEMENT	□
PERVIOUS PAVEMENT	▨
PAVEMENT MILL AND REPLACE	▩
LANDSCAPE AREA	▨
GRASS	▨

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615.943.5666

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL

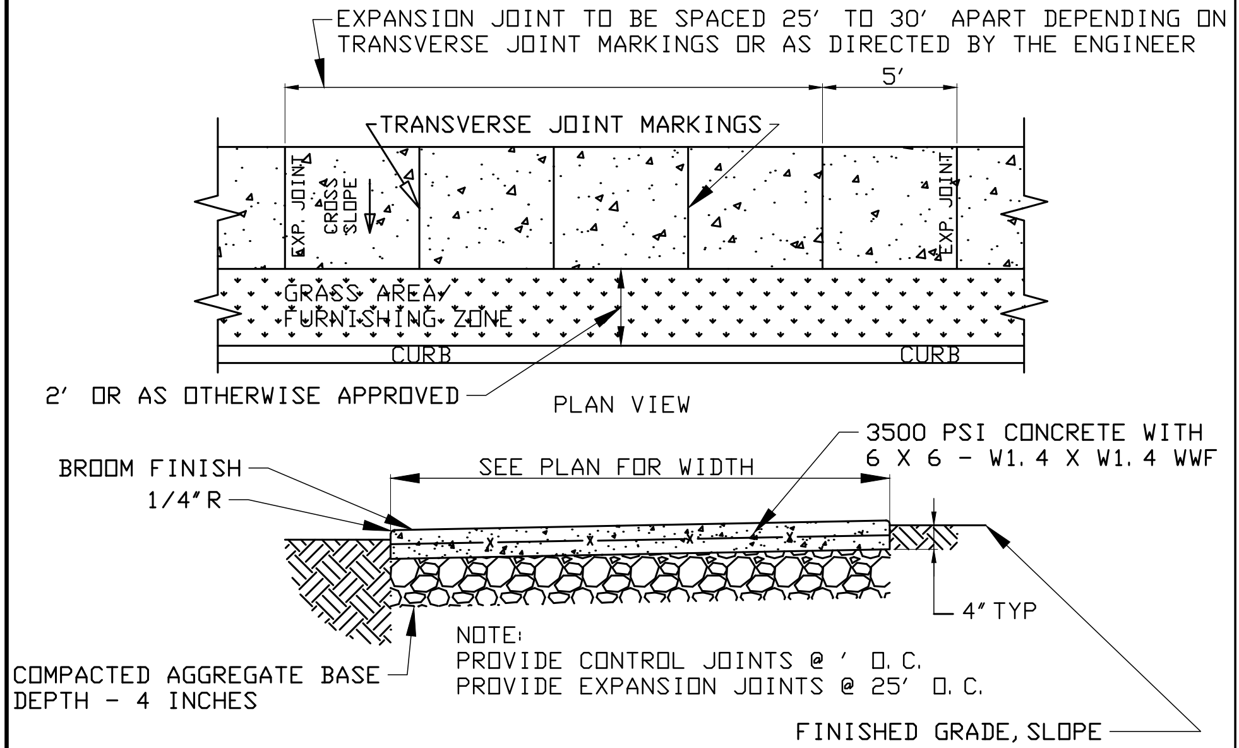
JOSEPH M. HADDIX
No. 114927
02/26/26

CIVIL NOTES

C5.00

HC PROJECT NO.: 25-041-01

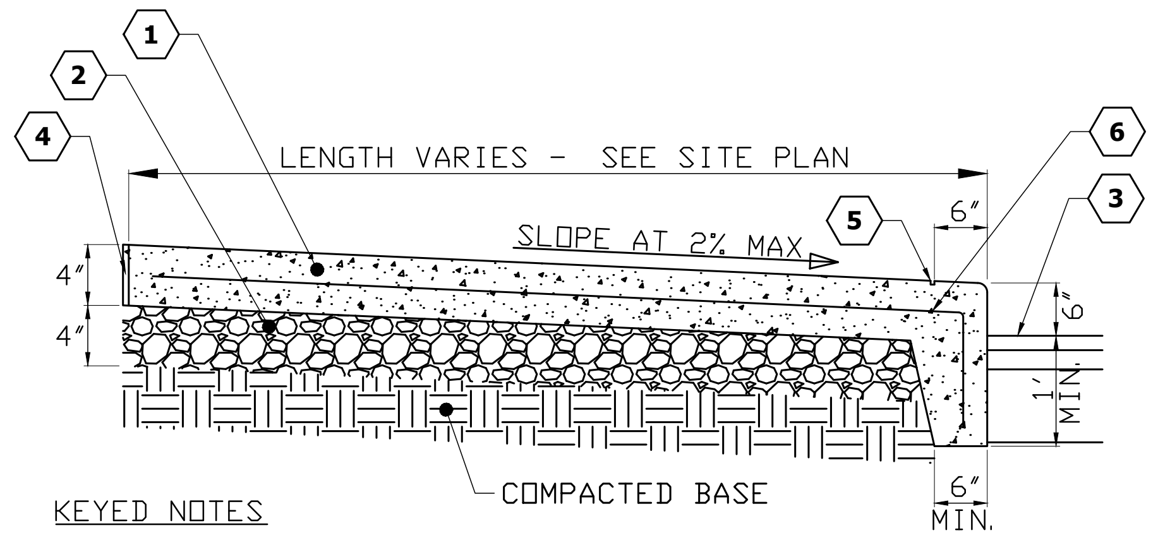
Feb 27, 2026 - 7:28am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C5.00 - Civil Notes.dwg



NOTE:
PROVIDE CONTROL JOINTS @ ' O.C.
PROVIDE EXPANSION JOINTS @ 25' O.C.

GENERAL NOTES:
1. SIDEWALKS SHALL BE A MINIMUM OF 4 INCHES IN THICKNESS AND MAINTAIN A MINIMUM OF 3 FEET CLEARANCE THROUGH THE PATH OF TRAVEL
2. MAXIMUM CROSS SLOPE FOR SIDEWALKS SHALL NOT EXCEED 1:48 (VERT:HORIZ).
3. SIDEWALK SHALL BE CONSTRUCTED OF WHITE CONCRETE.
4. WHERE A GRASS AREA IS NOT PROVIDED A MAXIMUM OF 2 FEET FURNISHING ZONE IS REQUIRED, MAINTAINING A MINIMUM OF 3 FEET CLEARANCE THROUGH THE PATH OF TRAVEL.

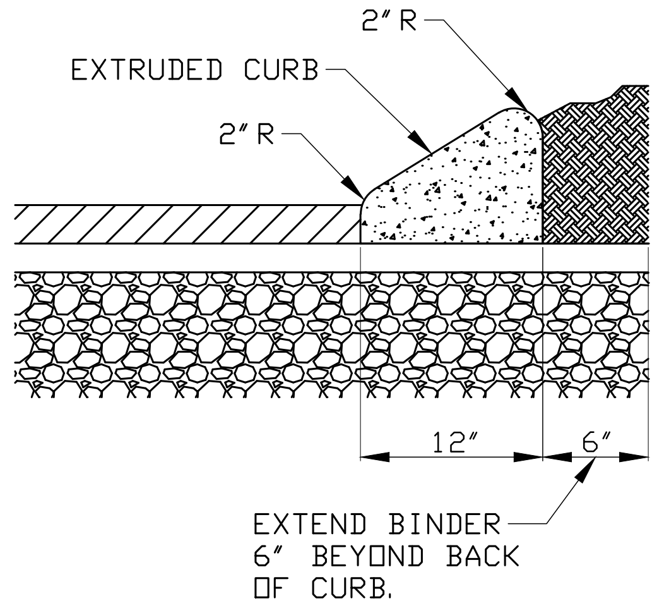
CONCRETE WALK
N.T.S.



KEYED NOTES
1. 4" THICK CONCRETE
2. 4" COMPACTED AGGREGATE BASE
3. PAVEMENT
4. COMPRESSIBLE FILLER (3/4" MAXIMUM). WHERE ABUTTING RIGID SURFACE
5. 1/4" TOOLED JOINT
6. 6" X 6" W2.1 X W2.1 W.W.F.

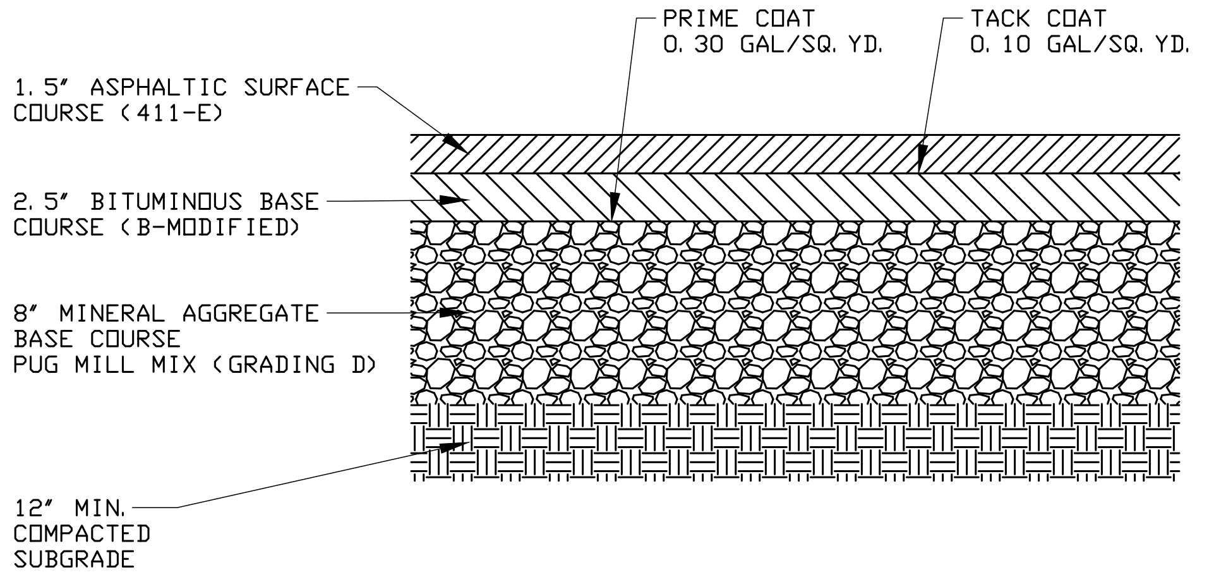
NOTES:
CONCRETE: 3500 PSI
STEEL: GRADE 60
PROVIDE CONTROL JOINTS @ 5' CENTERS
PROVIDE EXPANSION JOINTS @ 25' CENTERS
SLOPE WALK IN DIRECTION OF POSITIVE DRAINAGE AT 2% MAX

SIDEWALK WITH TURNED DOWN CURB
N.T.S.



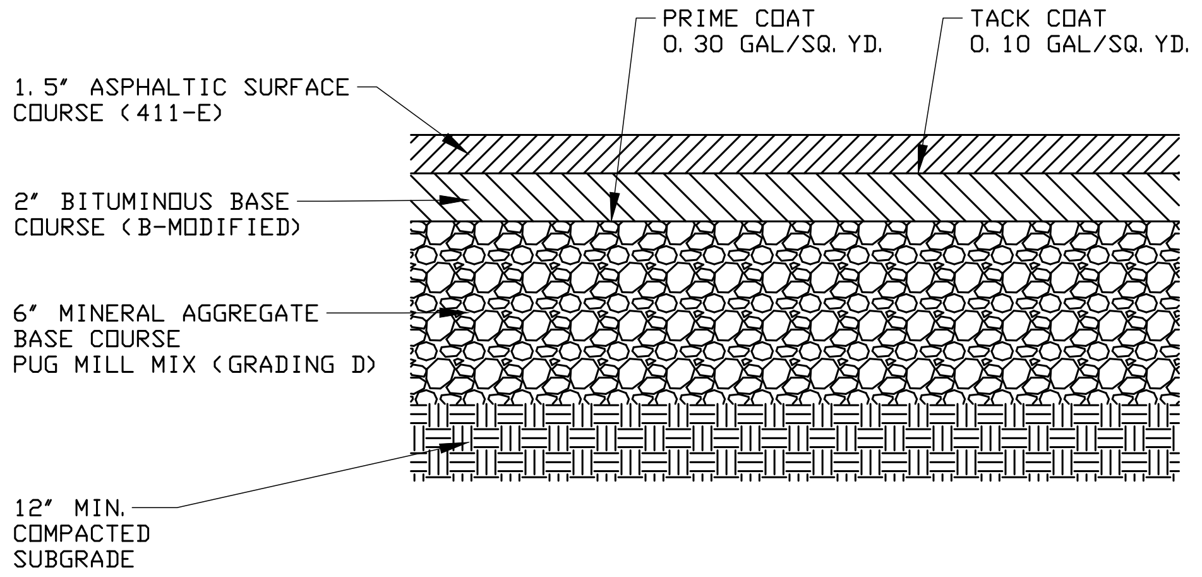
NOTES:
1. WHERE CURB INLETS ARE REQUIRED, USE JOHN BOUCHARD AND SONS COMPANY GRATE NO. 3103, 3103-V, OR APPROVED EQUAL.
2. PROVIDE CONTROL JOINTS @ 10' CENTERS.
3. PROVIDE EXPANSION JOINTS @ 50' CENTERS.

EXTRUDED CURB
N.T.S.



NOTE: MAXIMUM ALLOWABLE PERCENTAGE OF RECLAIMED ASPHALT PAVEMENT SHALL BE 20%
NOTE: SURFACE COURSE TO USE NOMINAL MAXIMUM AGGREGATE SIZE OF 9.5MM (3/8")

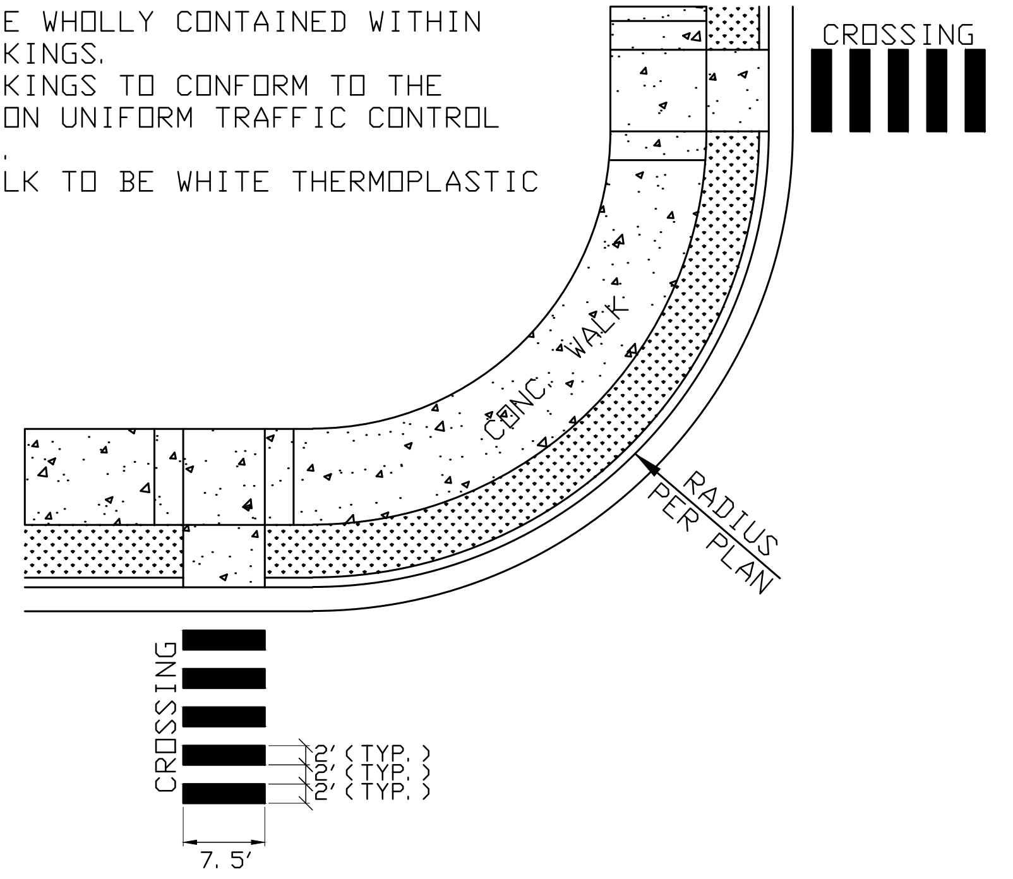
HEAVY DUTY PAVEMENT SECTION
N.T.S.



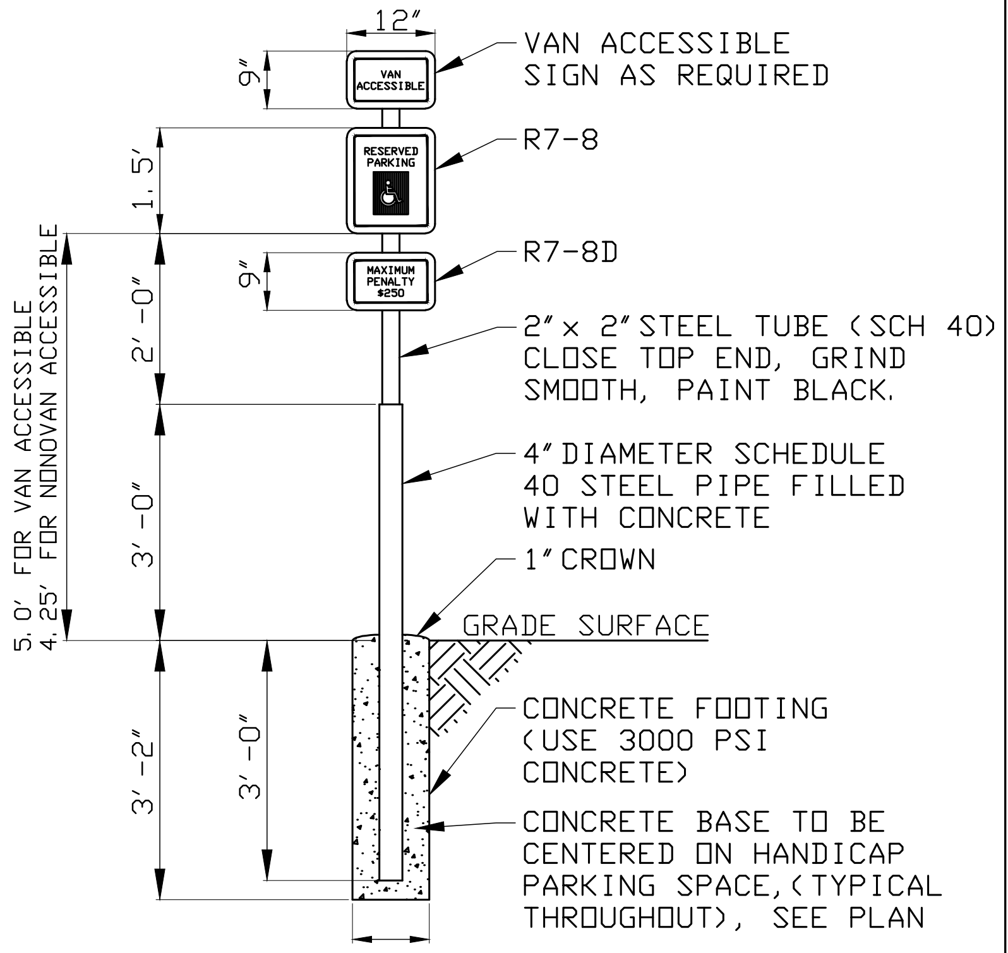
NOTE: MAXIMUM ALLOWABLE PERCENTAGE OF RECLAIMED ASPHALT PAVEMENT SHALL BE 20%
NOTE: SURFACE COURSE TO USE NOMINAL MAXIMUM AGGREGATE SIZE OF 9.5MM (3/8")

LIGHT DUTY PAVEMENT SECTION
N.T.S.

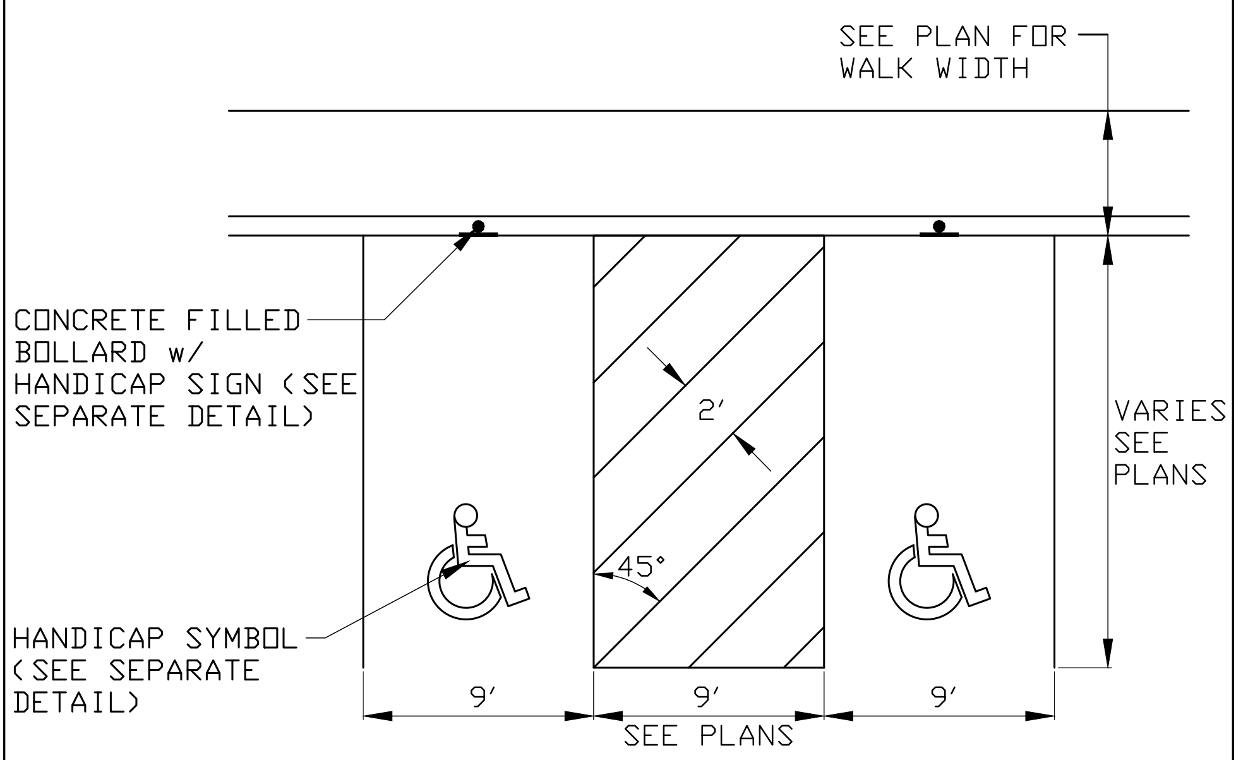
GENERAL NOTES
1. SEE HANDICAP RAMP DETAIL.
2. HANIDCAP RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS.
3. ALL MARKINGS TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. CROSSWALK TO BE WHITE THERMOPLASTIC



CROSSWALK
N.T.S.

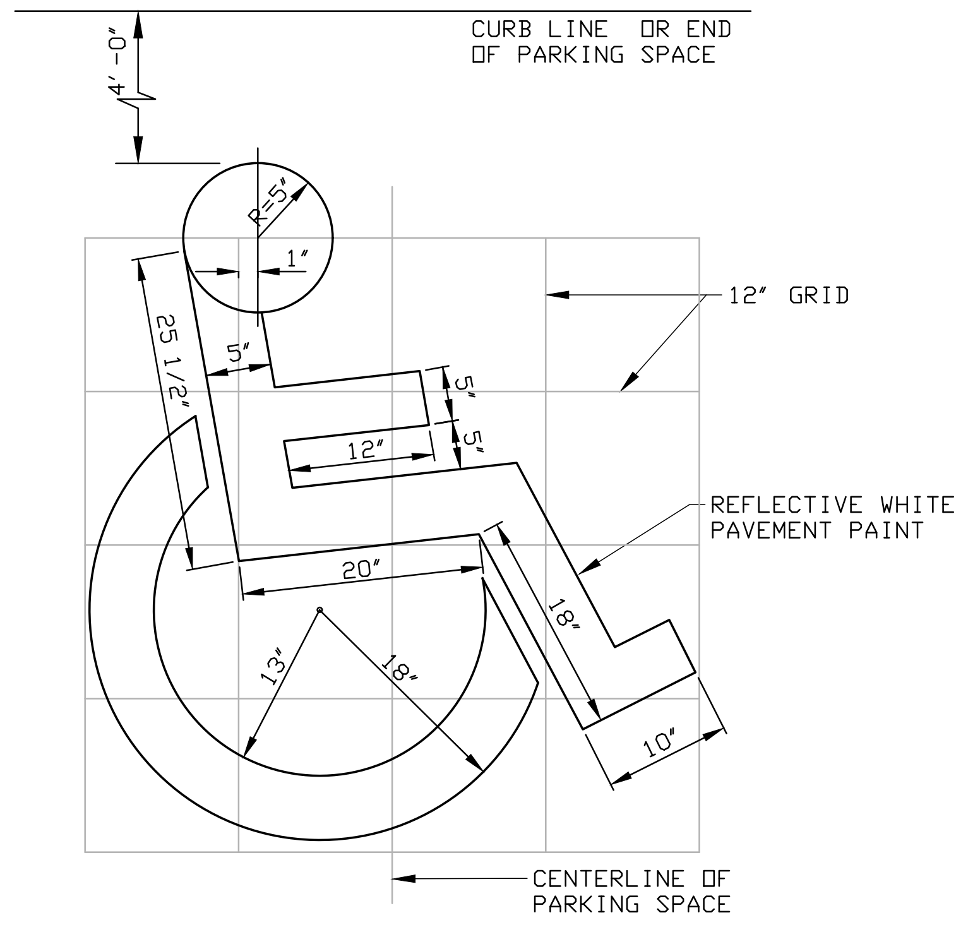


EXTERIOR ACCESSIBLE SIGN WITH BOLLARD
N.T.S.

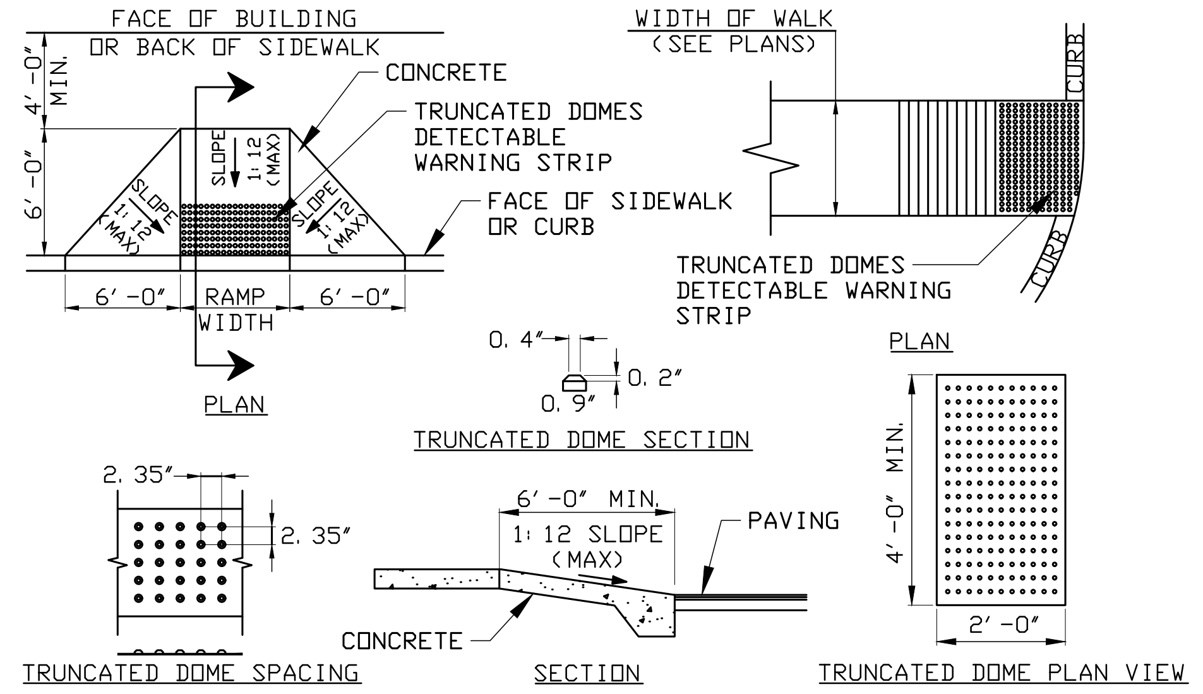


NOTE:
2% MAXIMUM SLOPE IN ANY DIRECTION WITHIN H/C PARKING SPACES

ACCESSIBLE PARKING
N.T.S.

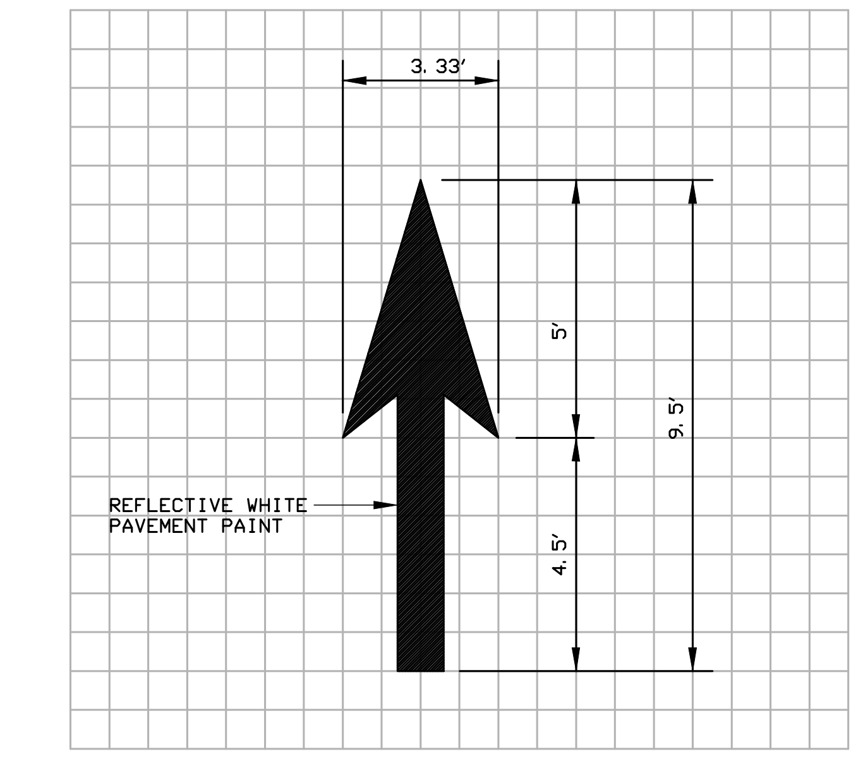


ACCESSIBLE PARKING SYMBOL
N.T.S.

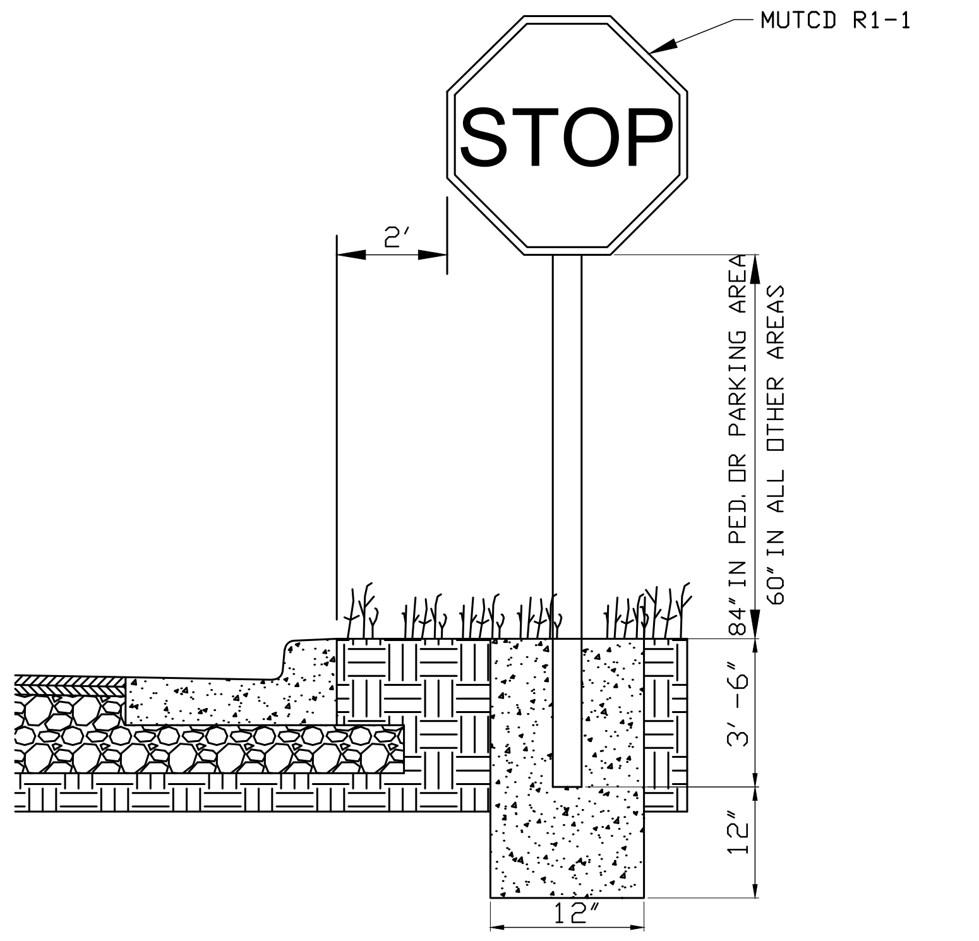


NOTES:
1. DETECTABLE WARNINGS SHALL BE OF THE PAVER OR CAST-IN-PLACE TACTILE TYPE PER MANUFACTURER'S SPECIFICATIONS.
2. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET AND VARY WITH WIDTH OF RAMP.
3. LENGTH OF DETECTABLE WARNING AREA SHALL BE 2 FEET REGARDLESS OF SECTION WIDTH.
4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN CURB RADIUS.
5. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
6. DETECTABLE WARNING AREA SHALL BE COLORED YELLOW OR OTHER COLOR WITH 70% CONTRAST RATIO.
7. IF PAVERS ARE USED, PAVERS SHALL BE 6" THICK AND CAST FROM 5000 PSI CONCRETE.

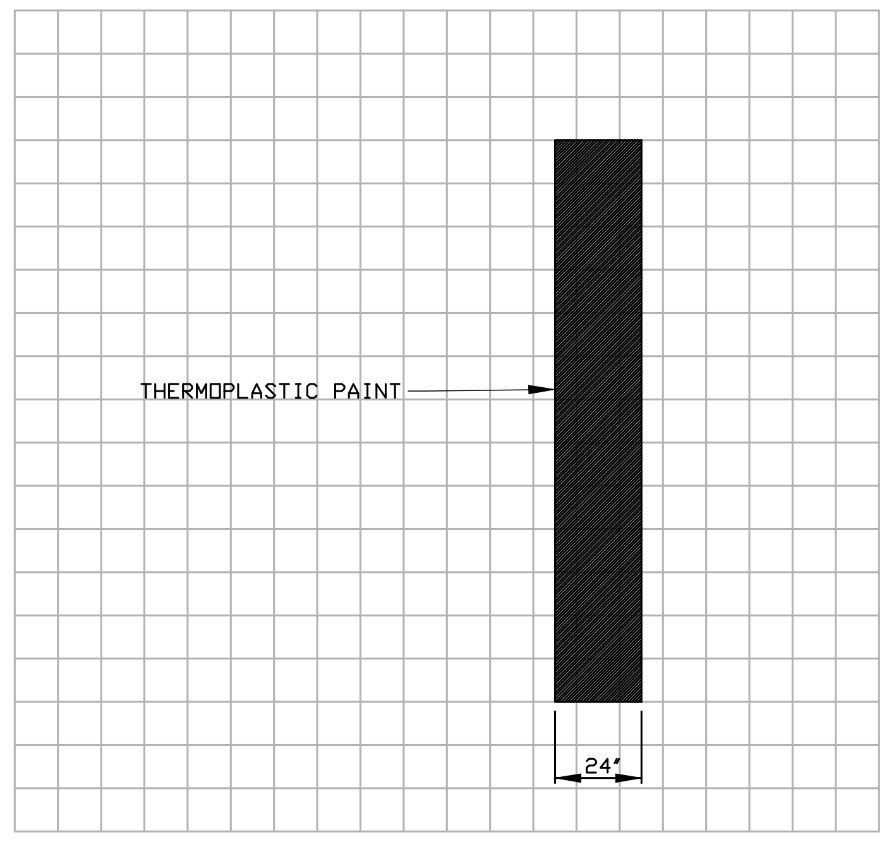
ACCESSIBLE RAMP WITH TACTILE WARNING
N.T.S.



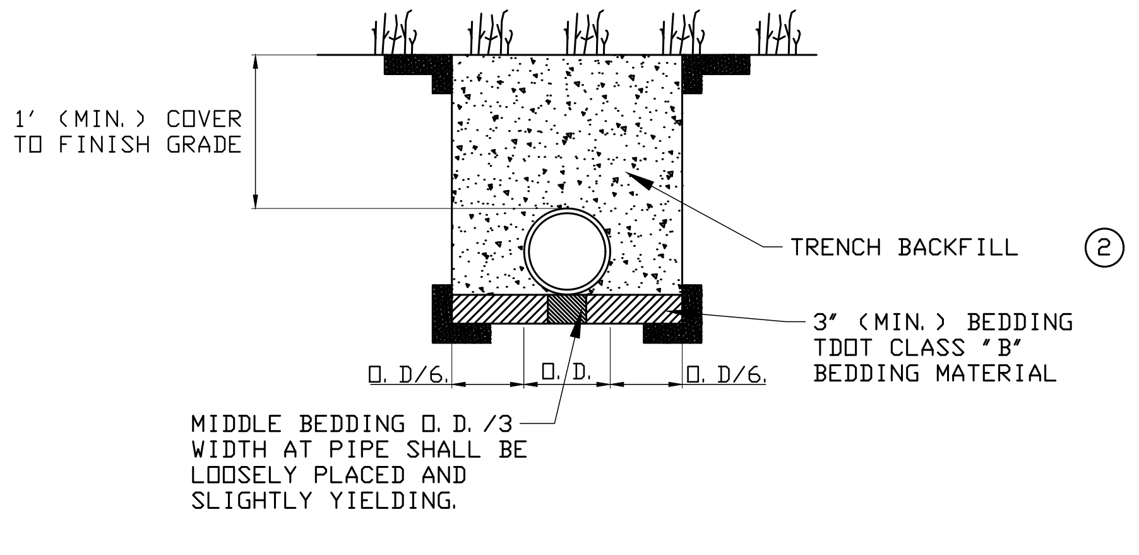
STRAIGHT DIRECTIONAL ARROW
N.T.S.



STOP SIGN
N.T.S.



STOP BAR
N.T.S.

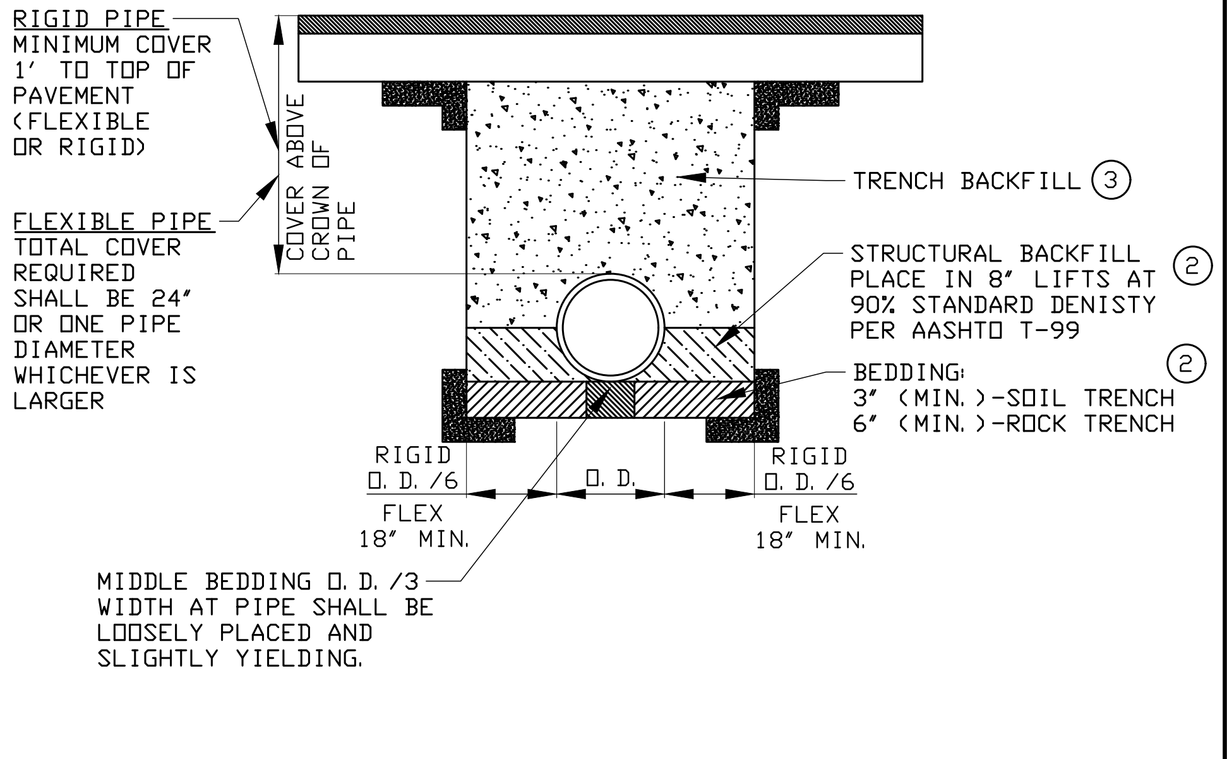


NOTES:
THIS DETAIL ADDRESSES TRENCH TYPE INSTALLATIONS ONLY. FOR OTHER TYPES OF INSTALLATIONS, SEE AASHTO SECTION 27.

THIS DETAIL DOES NOT ADDRESS OSHA TRENCH SAFETY REQUIREMENTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MEET ALL HEALTH AND SAFETY ISSUES REGARDING TRENCH SAFETY.

TRENCH BACKFILL LOW PLASTIC CLAYS OR SILTS ARE ALLOWED (CL+ML). COMPACT AS NECESSARY TO MINIMIZE TRENCH SETTLEMENT. ANY SETTLEMENT WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE OR PAYMENT.

RCP PIPE TRENCH INSTALLATION FOR NON-TRAFFIC BEARING AREAS
N.T.S.



NOTES:
1 THIS DETAIL ADDRESSES A TRENCH TYPE INSTALLATION. FOR EMBANKMENT OR OTHER INSTALLATIONS. FOR CMP SEE AASHTO SECTION 27. FOR RCP SEE AASHTO SECTION 26, FOR HDPE SEE AASHTO SECTION 30.

THIS DETAIL DOES NOT ADDRESS OSHA TRENCH SAFETY REQUIREMENTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MEET ALL HEALTH AND SAFETY ISSUES REGARDING TRENCH SAFETY.

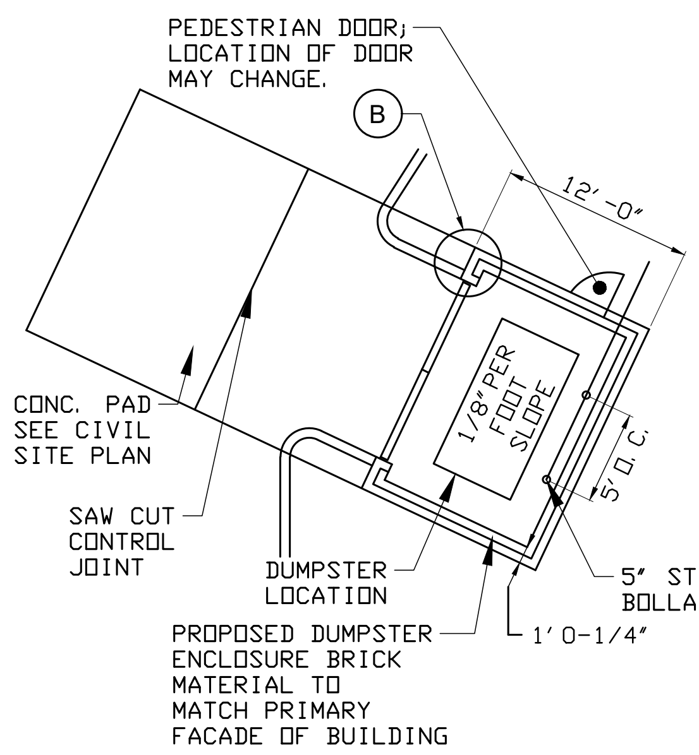
2 BEDDING AND STRUCTURAL BACKFILL MATERIAL SHALL BE CRUSHED STONE AND SHALL MEET THE REQUIREMENTS OF TDOT CLASS "B" BEDDING (GRADE C, D, OR E). STRUCTURAL BACKFILL SHALL BE PLACED IN 8" LOOSE LIFTS AND COMPACTED TO 90% STANDARD DENSITY PER AASHTO T-99.

3 TRENCH BACKFILL
FOR ALL PIPES (FLEX OR RIGID) WITH LESS THAN 5 FEET OF COVER. TRENCH BACKFILL SHALL BE CRUSHED STONE MEETING TDOT CLASS "B" BEDDING (GRADATION C, D, OR E OF SUBSECTION 903.05 OF TDOT STANDARD SPECIFICATION FOR ROAD & BRIDGE CONSTRUCTION.)

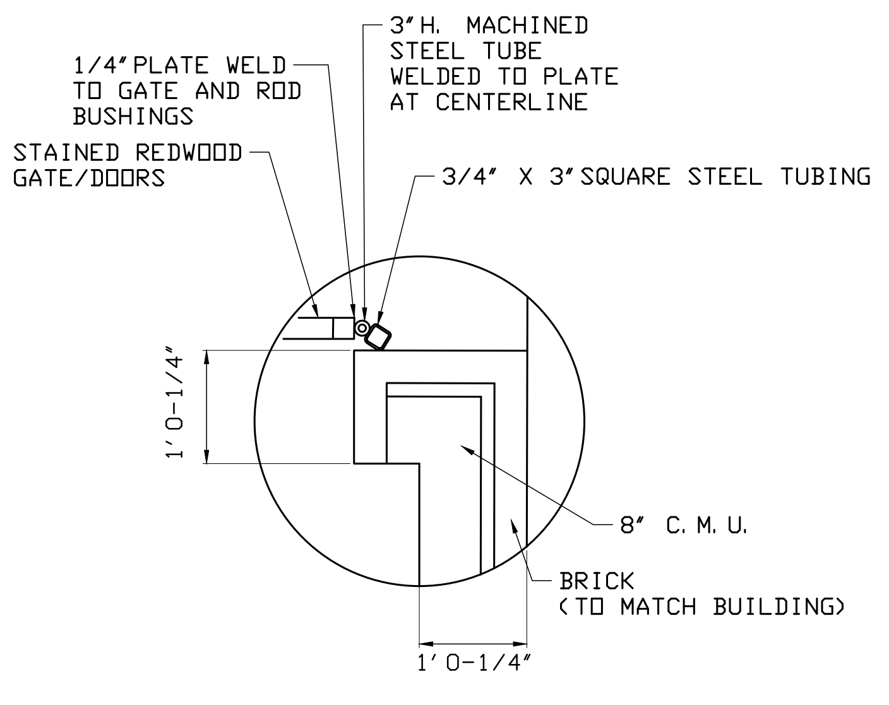
TRENCH BACKFILL WILL BE PLACED IN 8" LOOSE LIFTS AND BE COMPACTED TO 90% STANDARD DENSITY PER AASHTO T-99.

IF RCP PIPE IS USED AND IF THE COVER OF THE PIPE IS 5 FEET OR GREATER THE CONTRACTOR MAY USE LOW PLASTIC CLAYS OR SILTS (CL OR ML) FOR TRENCH BACKFILL. WHEN CONTRACTORS USE RCP WITH CL OR ML AS TRENCH BACKFILL MATERIAL, THE CONTRACTOR WILL GUARANTEE THE TRENCH FOR A PERIOD OF ONE YEAR FROM PROJECT FINAL PAYMENT AGAINST SETTLEMENT AND OR PAVEMENT DAMAGE TO OWNER.

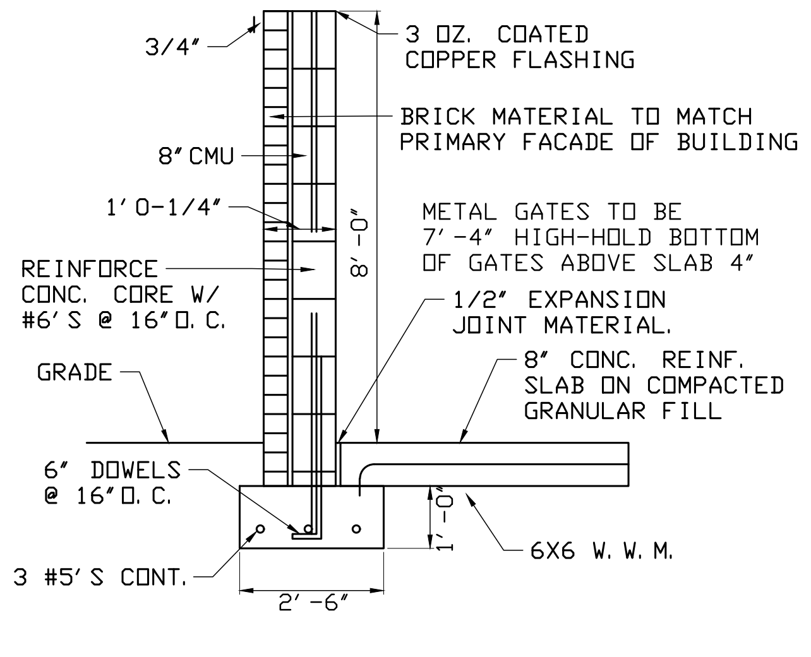
RCP OR FLEXIBLE PIPE TRENCH INSTALLATION FOR TRAFFIC BEARING AREAS
N.T.S.



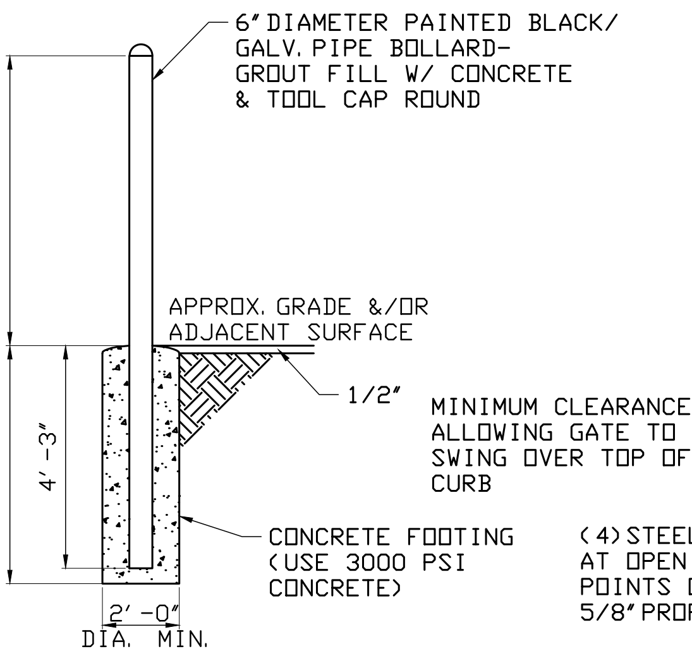
Ⓐ PARTIAL SITE PLAN



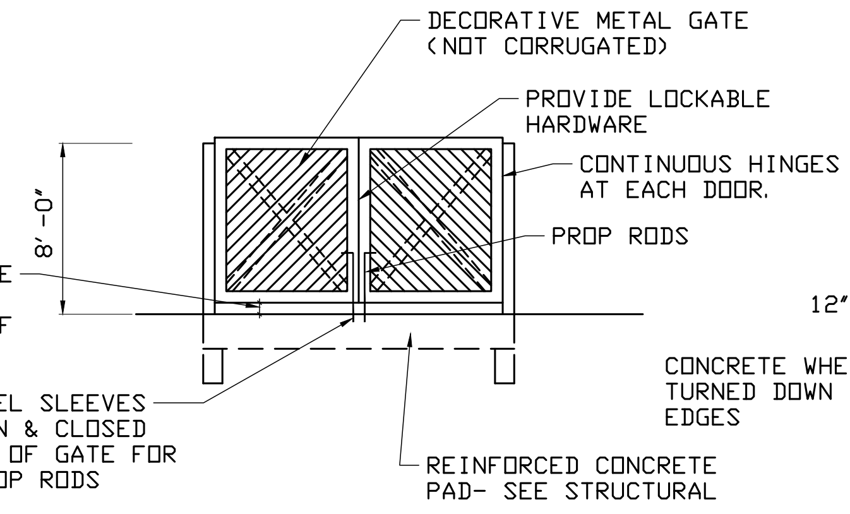
Ⓑ ENLARGED PLAN DETAIL



Ⓒ ENLARGED PLAN DETAIL

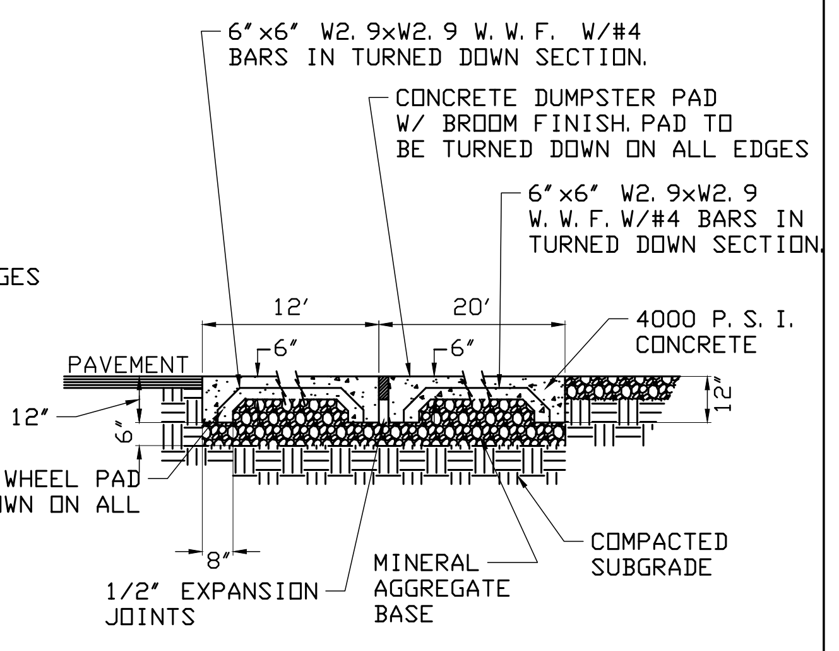


Ⓓ BOLLARD DETAIL



Ⓔ DUMPSTER GATE DETAIL

NOTES:
1) WIDTH OF DUMPSTER PAD AND WHEEL PAD SHALL BE AS SHOWN ON PLAN SHEET
2) USE 4000 P.S.I. CONCRETE.
3) USE GRADE 60 STEEL.
4) PROVIDE EXPANSION JOINTS WHERE CONCRETE PAD ABUTS RIGID MATERIAL.



Ⓕ DUMPSTER PAD W/ WHEEL PAD

DUMPSTER ENCLOSURE
N.T.S.

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615.943.5666

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL
JOSEPH M. HADDIX
No. 114927
02/26/26

CIVIL DETAILS

C5.01

HC PROJECT NO.: 25-041-01

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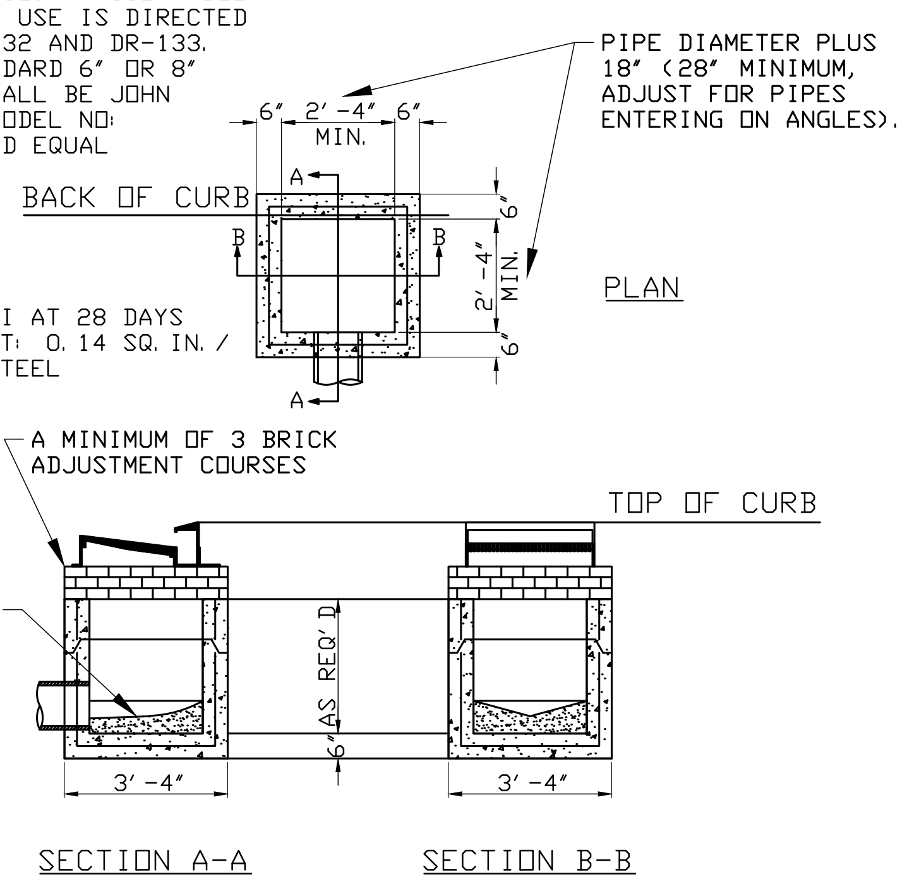
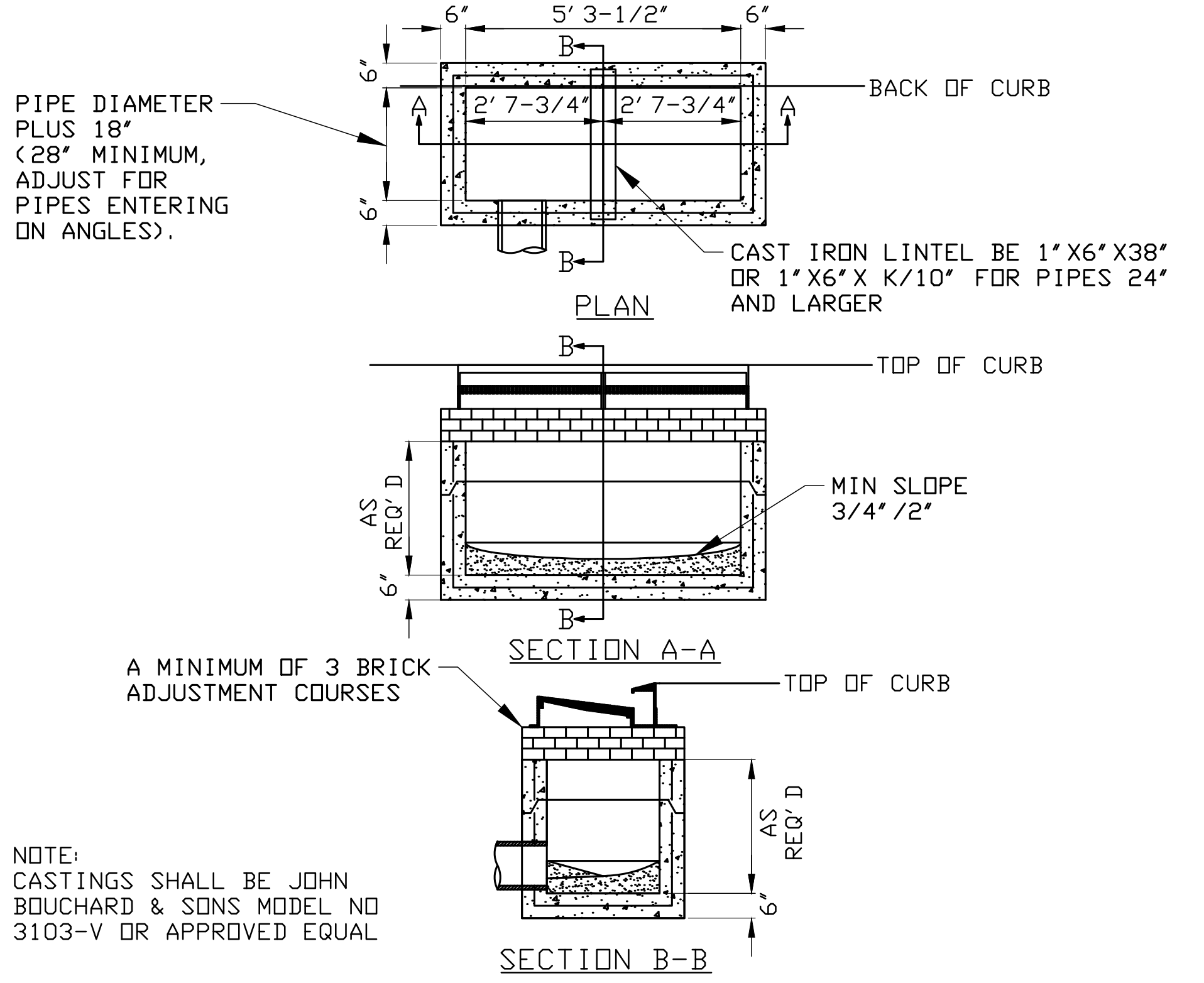
NOTE:
CASTINGS FOR STANDARD CURB AND GUTTER SHOWN (DR-129). ACCEPTABLE SUBSTITUTES WHERE USE IS DIRECTED AREA DR-130, DR-132 AND DR-133. CASTINGS FOR STANDARD 6" OR 8" EXTRUDED CURBS SHALL BE JOHN BOUCHARD & SONS MODEL NO: 3103-V OR APPROVED EQUAL

CONCRETE: 4000 PSI AT 28 DAYS
MIN. REINFORCEMENT: 0.14 SQ. IN. / SQ. FT. GRADE 60 STEEL



SINGLE CURB INLET

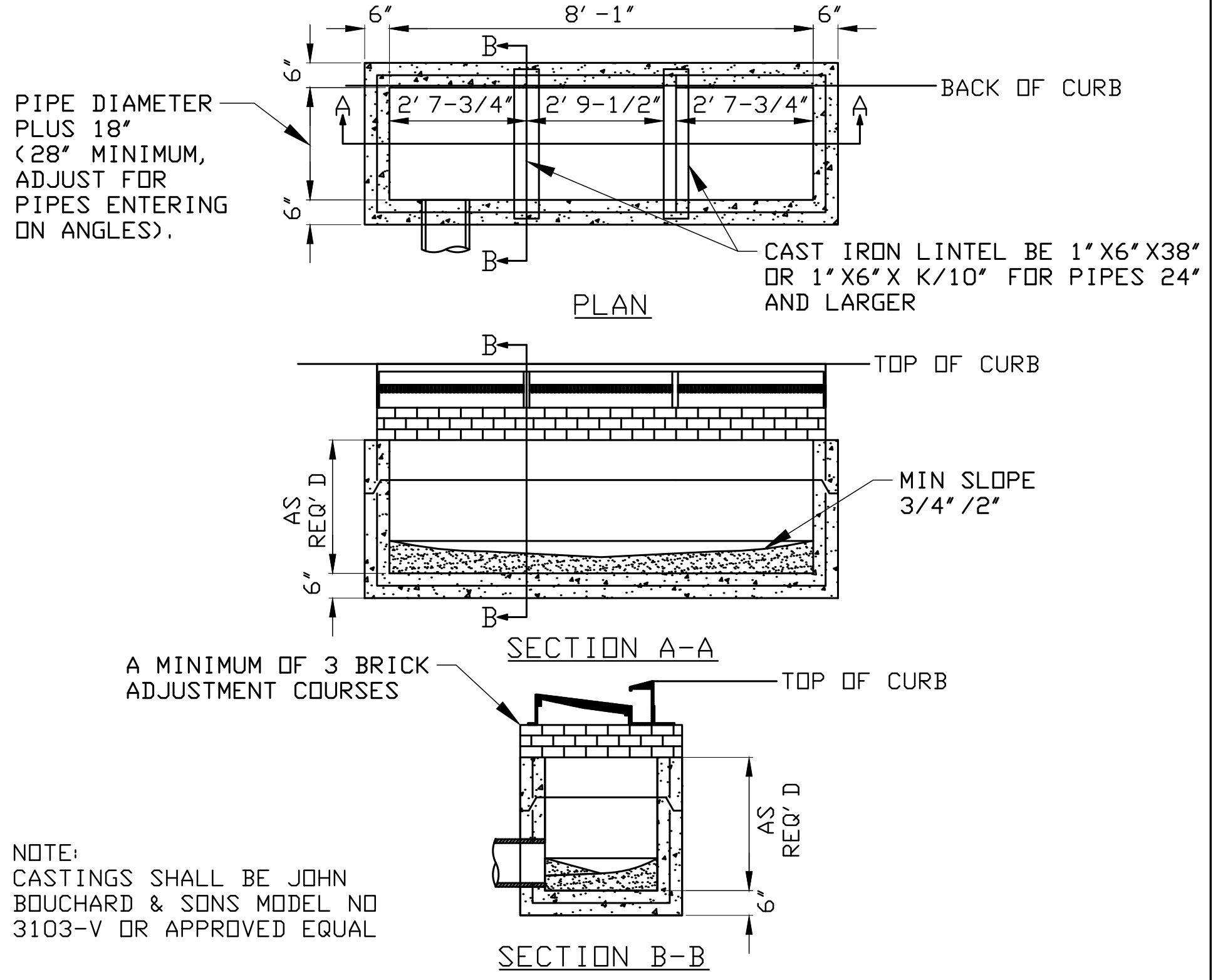
N. T. S.



NOTE:
CASTINGS SHALL BE JOHN BOUCHARD & SONS MODEL NO 3103-V OR APPROVED EQUAL

DOUBLE CURB INLET

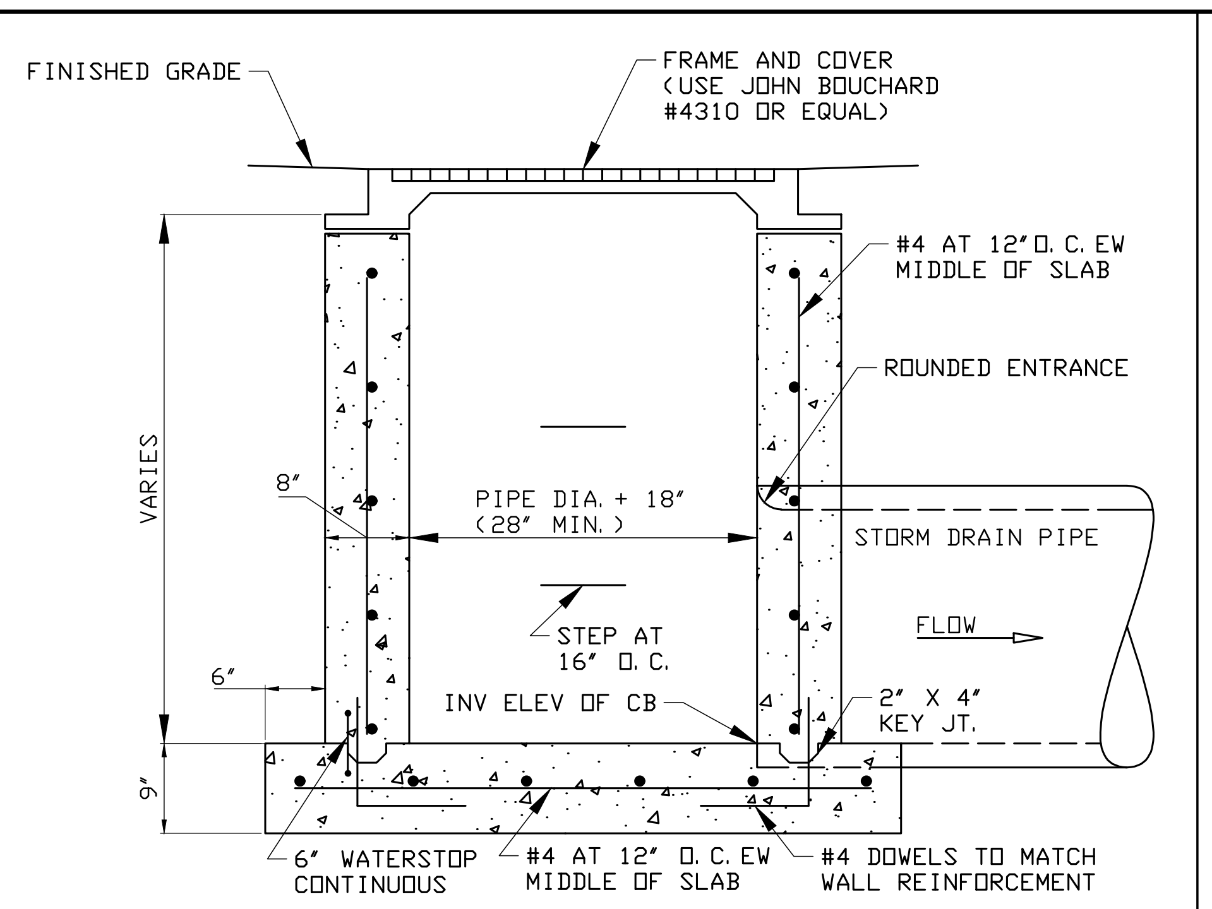
N. T. S.



NOTE:
CASTINGS SHALL BE JOHN BOUCHARD & SONS MODEL NO 3103-V OR APPROVED EQUAL

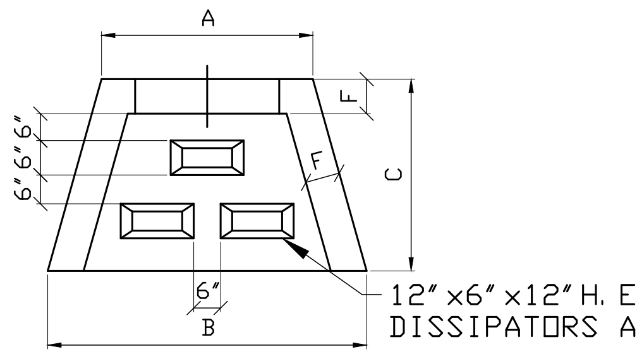
TRIPLE CURB INLET

N. T. S.

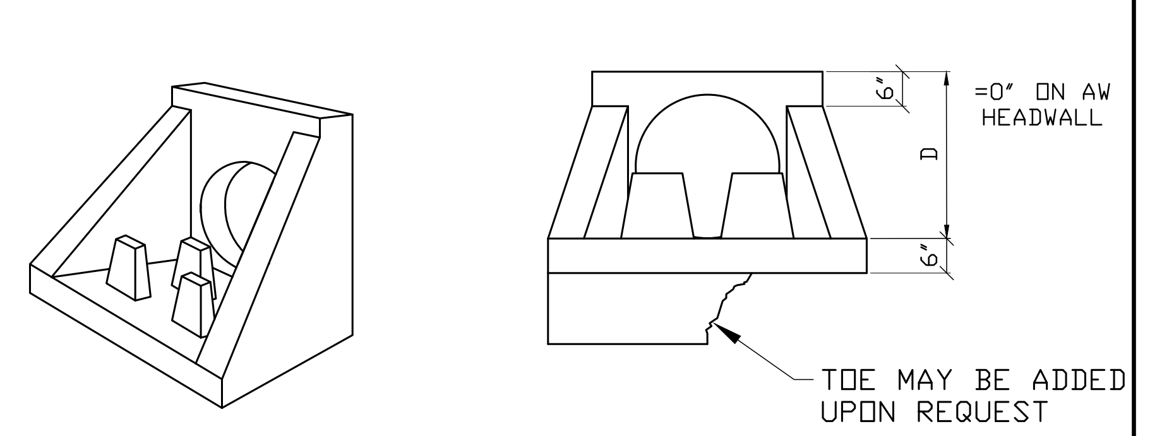


AREA DRAIN

N. T. S.



SIZE	AW	BW	CW	DW
A	32"	48"	80"	99"
B	48"	72"	102"	120"
C	30"	44"	54"	66"
D	25"	36"	60"	66"
E	24"	36"	64"	83"
F	6"	8"	8"	8"
MAX. OPENING	22"	32"	55"	75"
WT/#	1380	3100	8100	11400



GENERAL NOTES:
1. MINIMUM REINFORCING WIRE REINFORCEMENT 4X4 W7XW7.
2. f'c - 4,500 PSI.
3. fy - 60 KSI.

WINGED HEADWALL WITH ENERGY DISSIPATORS

N. T. S.

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Mt. Juliet, TN 37122
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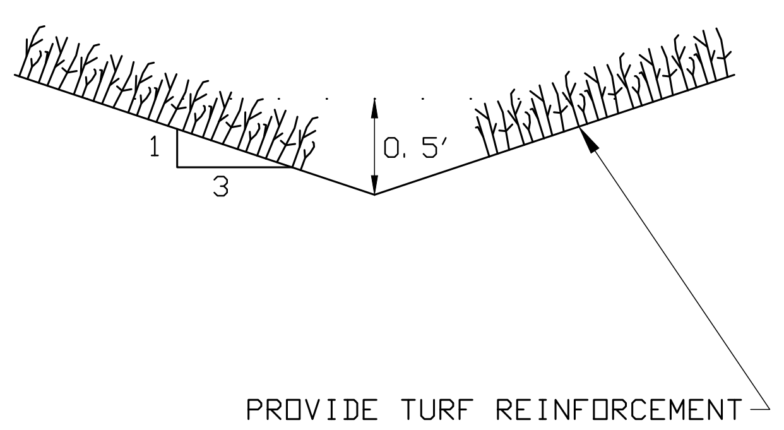
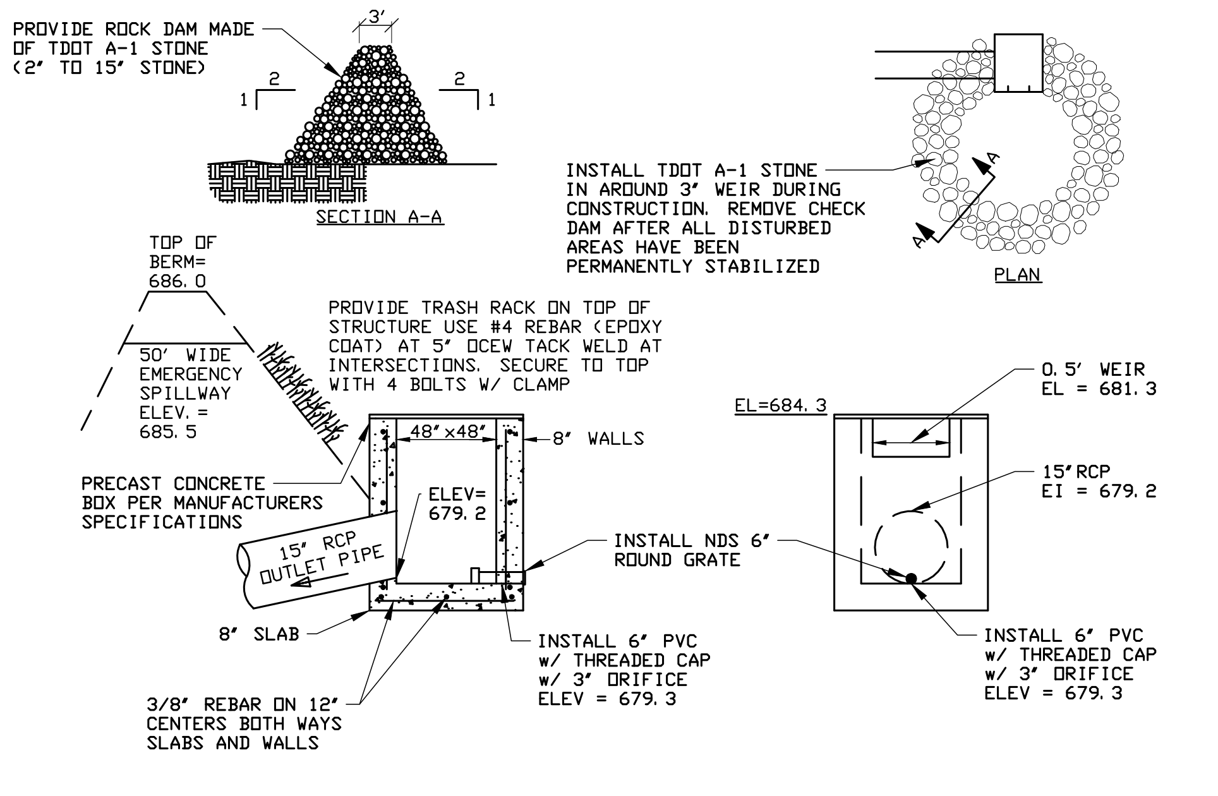


PROVIDE TURF REINFORCEMENT FABRIC. USE SC250 BY NORTH AMERICAN GREEN OR EQUAL. USE STAPLE PATTERN 'D'.

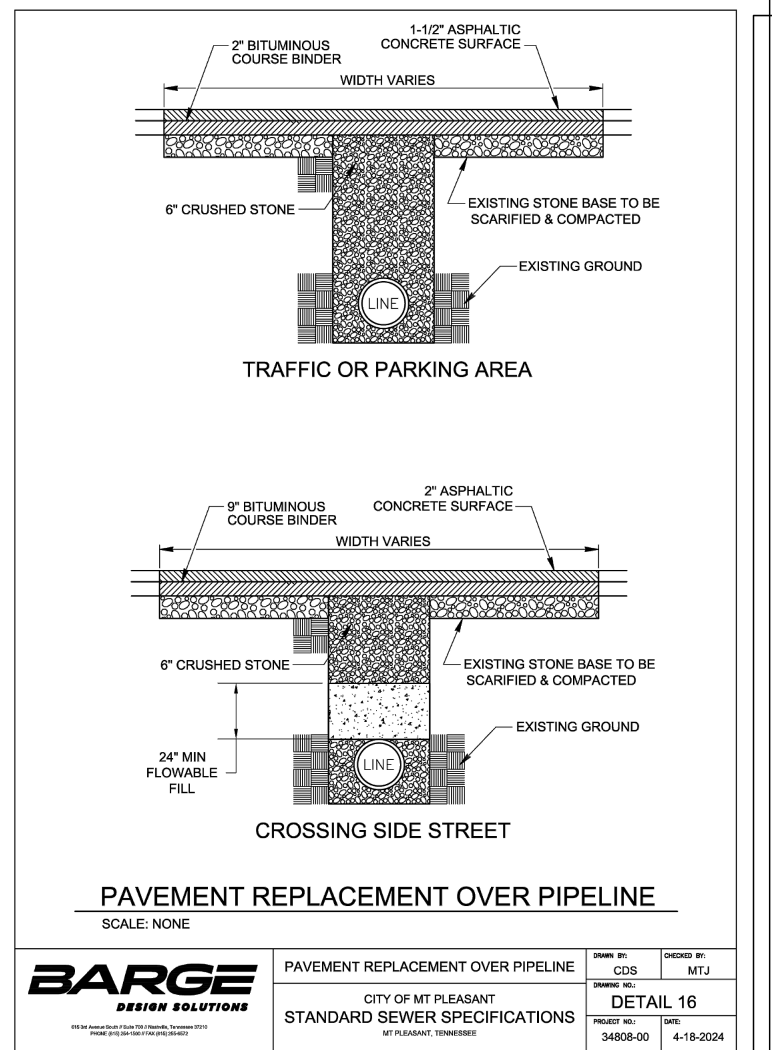
PERMANENT SWALE

N. T. S.



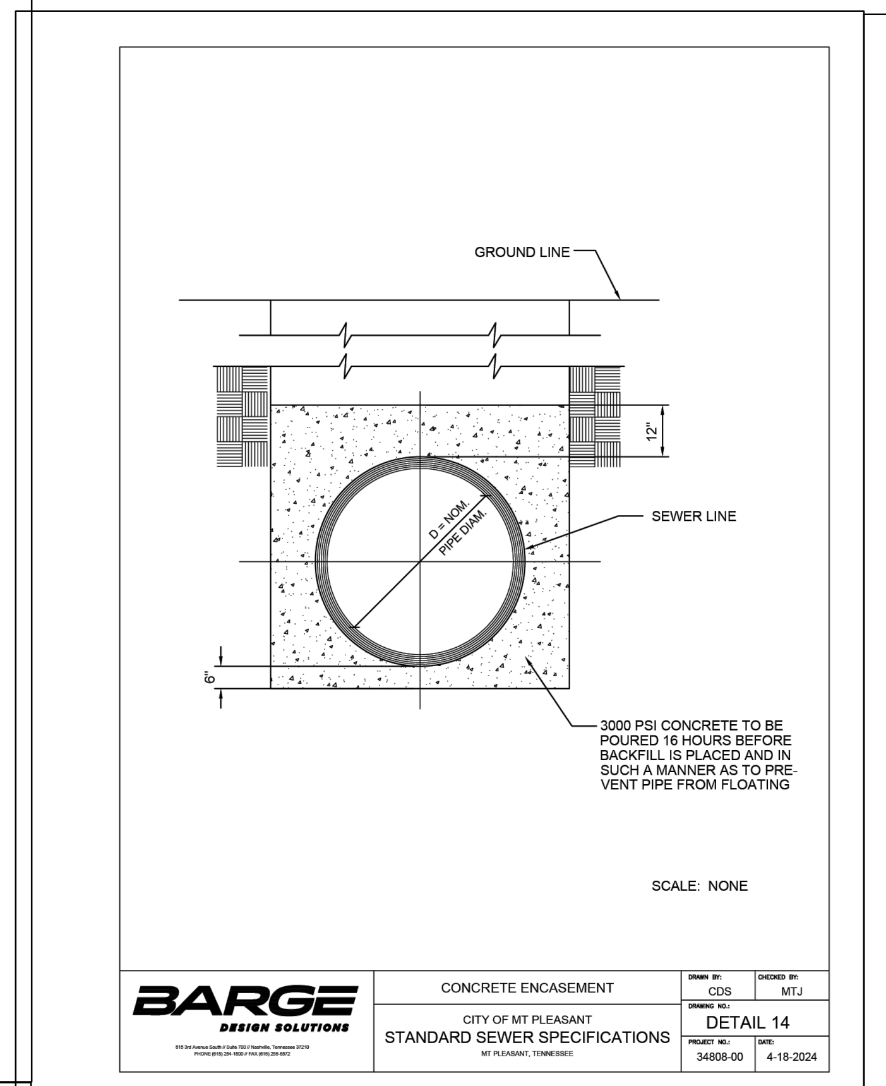
POND 1 - PERMANENT OUTLET STRUCTURE

N. T. S.



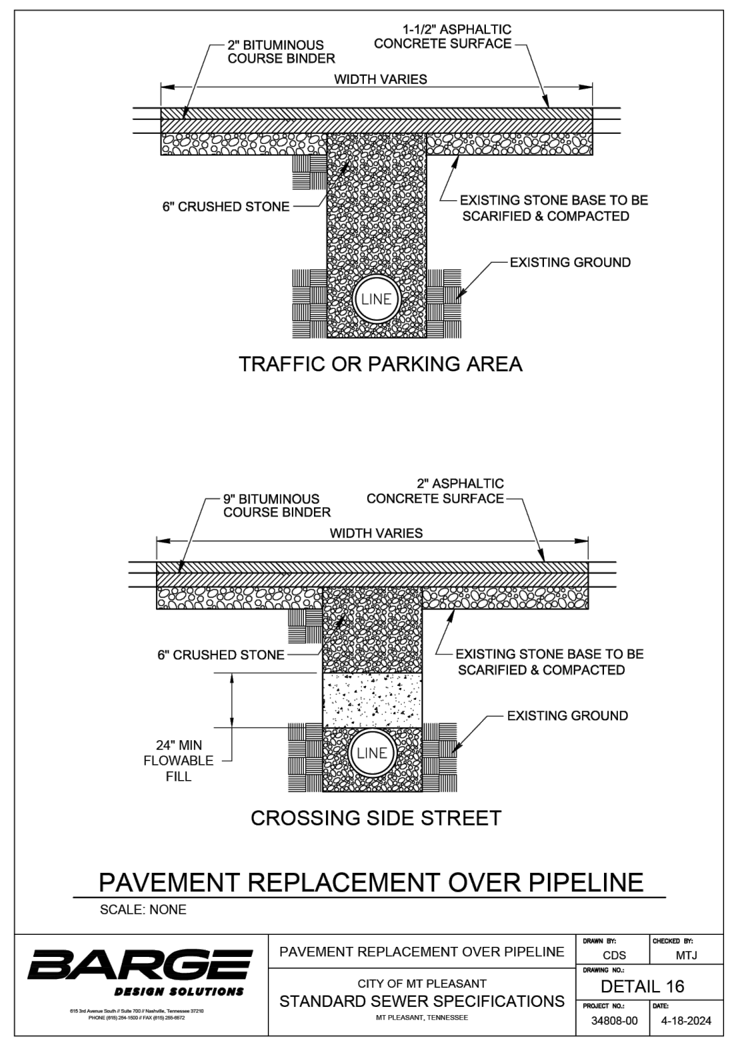
PAVEMENT REPLACEMENT OVER PIPELINE
SCALE: NONE

BARGE DESIGN SOLUTIONS | PAVEMENT REPLACEMENT OVER PIPELINE | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 16 | PROJECT NO.: 34808-00 | DATE: 4-18-2024



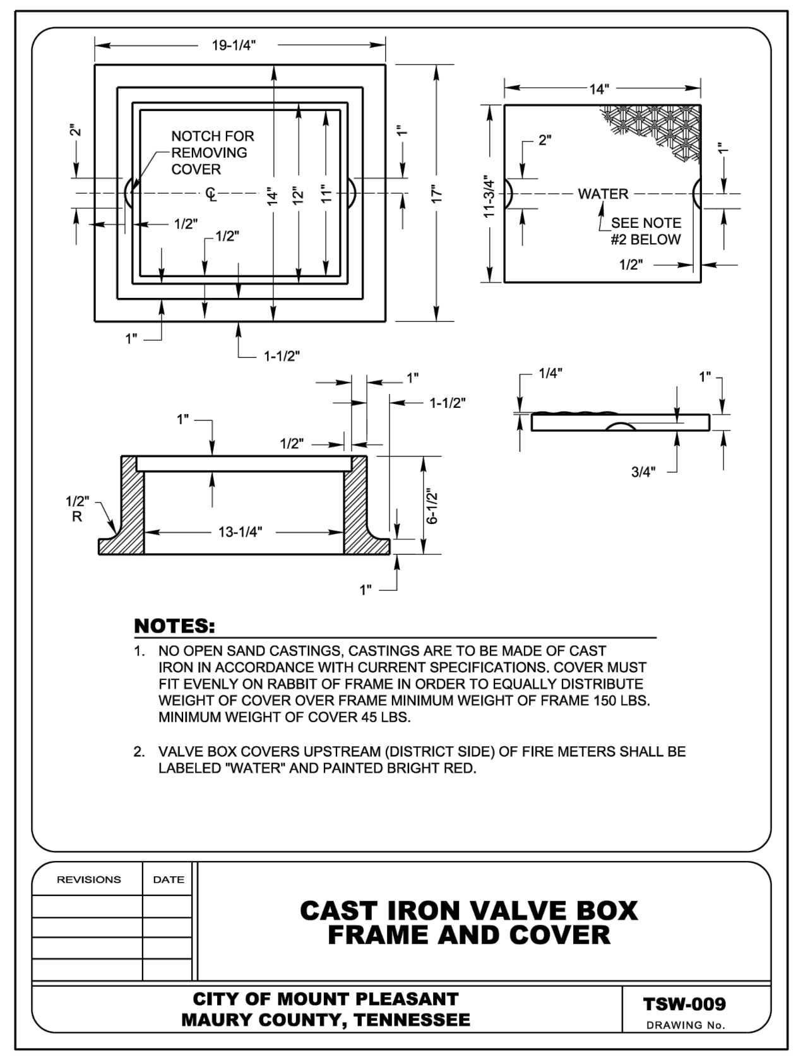
SCALE: NONE

BARGE DESIGN SOLUTIONS | CONCRETE ENCASEMENT | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 14 | PROJECT NO.: 34808-00 | DATE: 4-18-2024



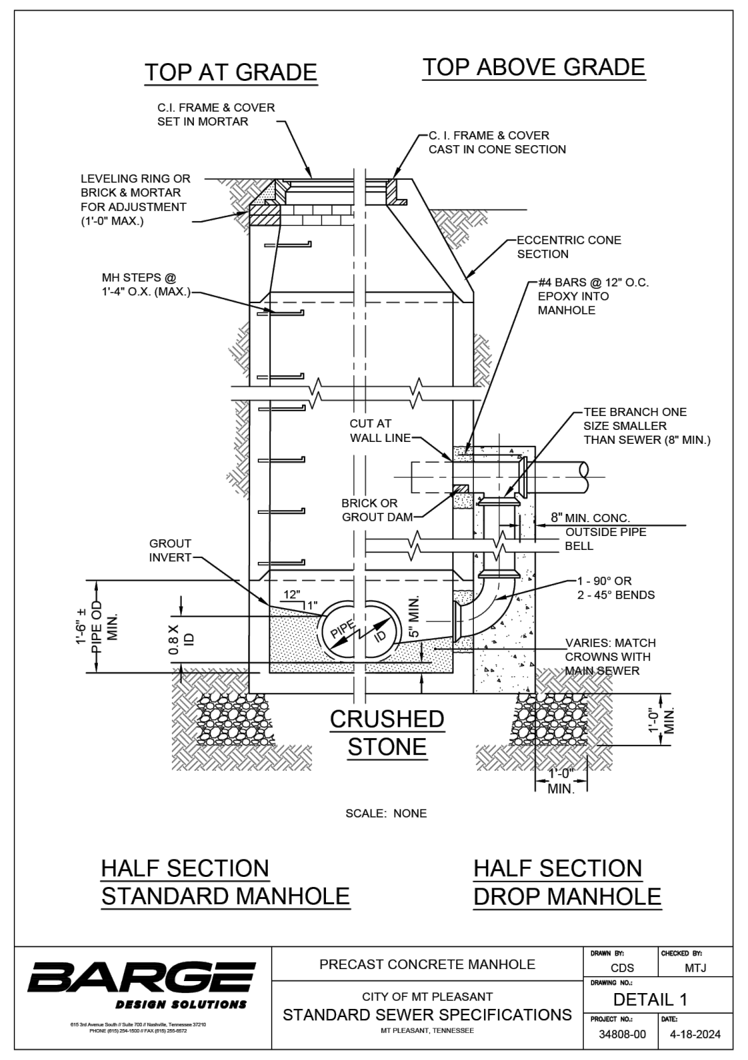
PAVEMENT REPLACEMENT OVER PIPELINE
SCALE: NONE

BARGE DESIGN SOLUTIONS | PAVEMENT REPLACEMENT OVER PIPELINE | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 16 | PROJECT NO.: 34808-00 | DATE: 4-18-2024

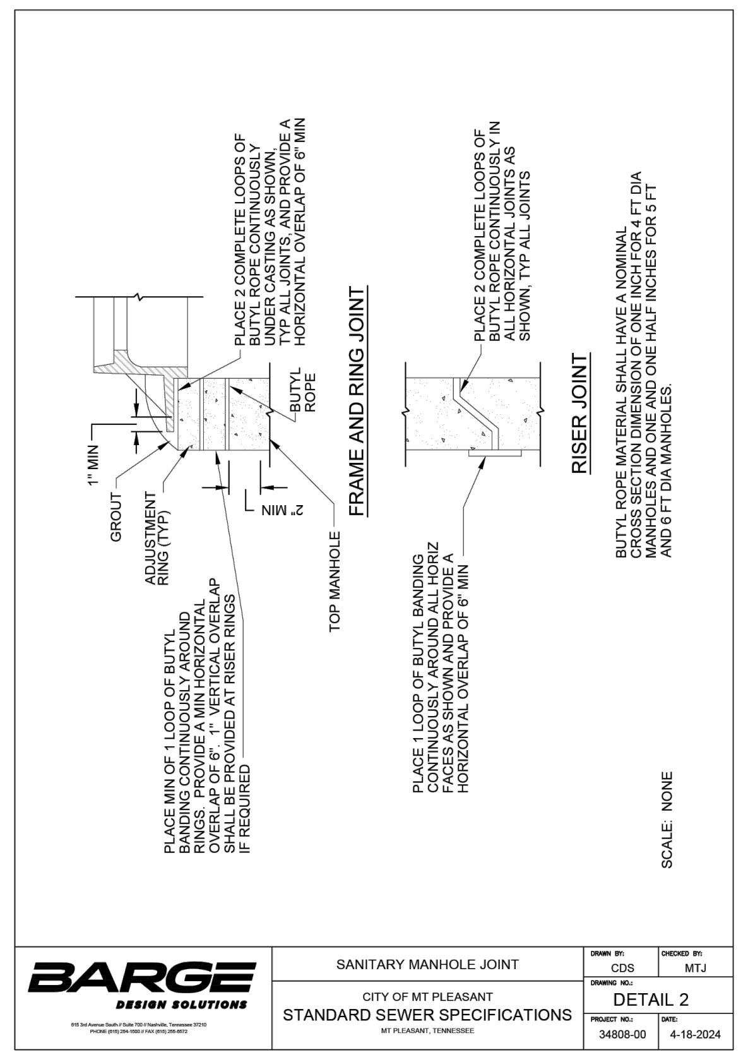


NOTES:
1. NO OPEN SAND CASTINGS, CASTINGS ARE TO BE MADE OF CAST IRON IN ACCORDANCE WITH CURRENT SPECIFICATIONS. COVER MUST FIT EVENLY ON RABBIT OF FRAME IN ORDER TO EQUALLY DISTRIBUTE WEIGHT OF COVER OVER FRAME MINIMUM WEIGHT OF FRAME 150 LBS. MINIMUM WEIGHT OF COVER 45 LBS.
2. VALVE BOX COVERS UPSTREAM (DISTRICT SIDE) OF FIRE METERS SHALL BE LABELED "WATER" AND PAINTED BRIGHT RED.

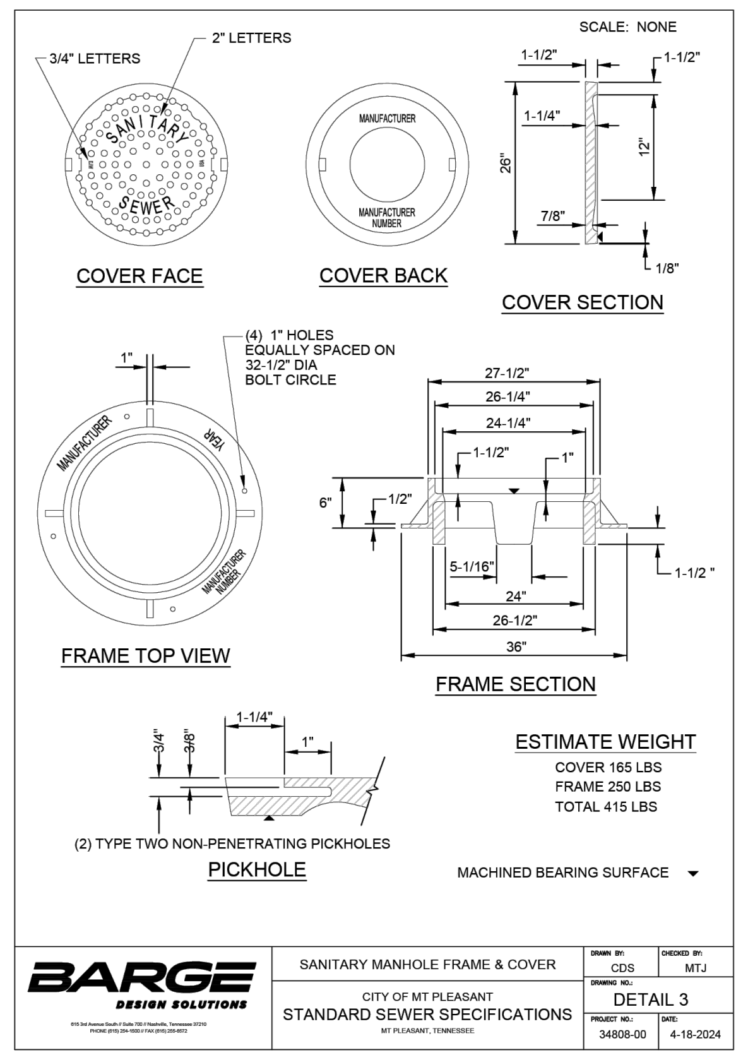
CAST IRON VALVE BOX FRAME AND COVER
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-009 DRAWING No.



BARGE DESIGN SOLUTIONS | PRECAST CONCRETE MANHOLE | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 1 | PROJECT NO.: 34808-00 | DATE: 4-18-2024

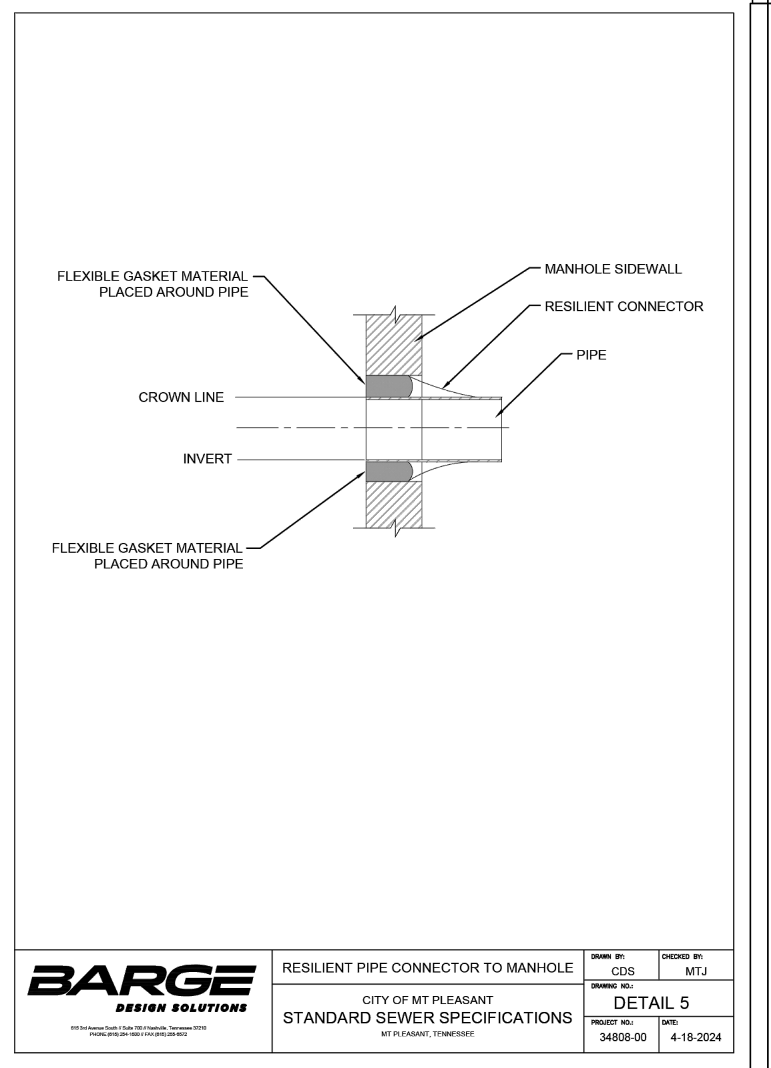


BARGE DESIGN SOLUTIONS | SANITARY MANHOLE JOINT | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 2 | PROJECT NO.: 34808-00 | DATE: 4-18-2024

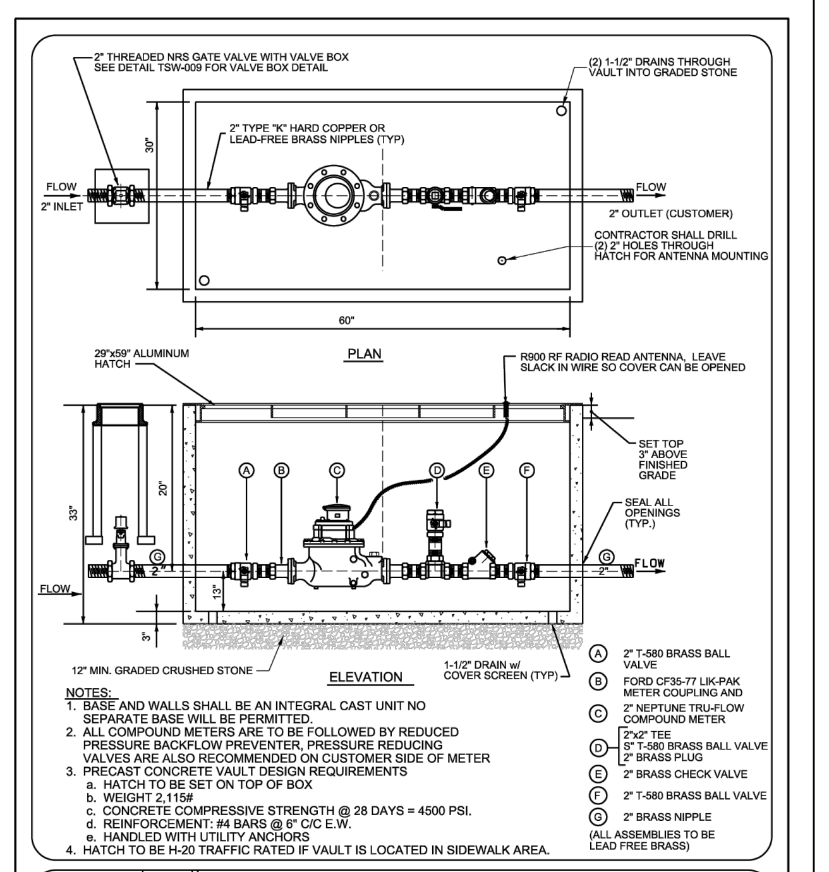


ESTIMATE WEIGHT
COVER 165 LBS
FRAME 250 LBS
TOTAL 415 LBS

BARGE DESIGN SOLUTIONS | SANITARY MANHOLE FRAME & COVER | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 3 | PROJECT NO.: 34808-00 | DATE: 4-18-2024



BARGE DESIGN SOLUTIONS | RESILIENT PIPE CONNECTOR TO MANHOLE | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 5 | PROJECT NO.: 34808-00 | DATE: 4-18-2024



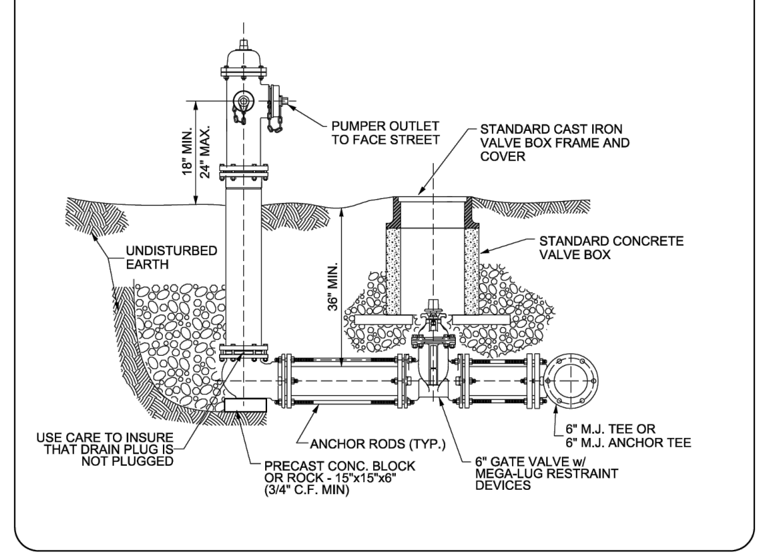
- Ⓐ 2" T-580 BRASS BALL VALVE
- Ⓑ FORD CF35-77 LIK-PAK METER COUPLING AND
- Ⓒ 2" NEPTUNE TRU-FLOW COMPOUND METER
- Ⓓ 2"x2" TEE
S" T-580 BRASS BALL VALVE
2" BRASS PLUG
- Ⓔ 2" BRASS CHECK VALVE
- Ⓕ 2" T-580 BRASS BALL VALVE
- Ⓖ 2" BRASS NIPPLE

(ALL ASSEMBLIES TO BE LEAD FREE BRASS)

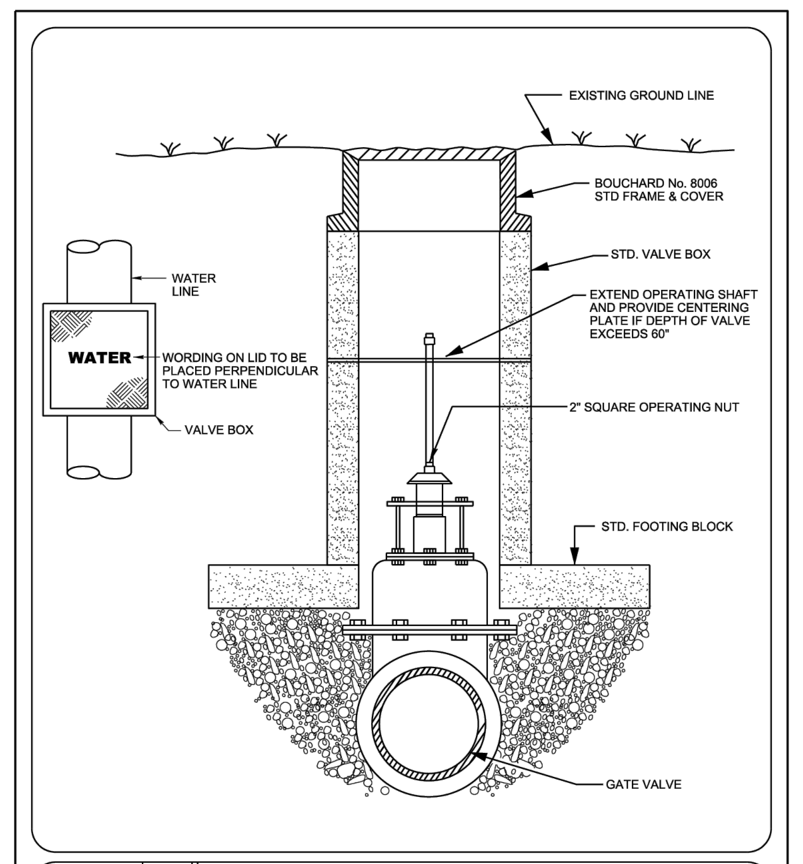
NOTES:
1. BASE AND WALLS SHALL BE AN INTEGRAL CAST UNIT NO SEPARATE BASE WILL BE PERMITTED.
2. ALL COMPOUND METERS ARE TO BE FOLLOWED BY REDUCED PRESSURE BACKFLOW PREVENTER, PRESSURE REDUCING VALVES ARE ALSO RECOMMENDED ON CUSTOMER SIDE OF METER
3. PRECAST CONCRETE VAULT DESIGN REQUIREMENTS
   a. HATCH TO BE SET ON TOP OF BOX
   b. WEIGHT 2,115#
   c. CONCRETE COMPRESSIVE STRENGTH @ 28 DAYS = 4500 PSI.
   d. REINFORCEMENT: #4 BARS @ 6" C/C E.W.
   e. HANDLED WITH UTILITY ANCHORS
4. HATCH TO BE H-20 TRAFFIC RATED IF VAULT IS LOCATED IN SIDEWALK AREA.

PRECAST METER VAULT WITH HATCH FOR 2" COMPOUND DOMESTIC METER
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-002 DRAWING No.

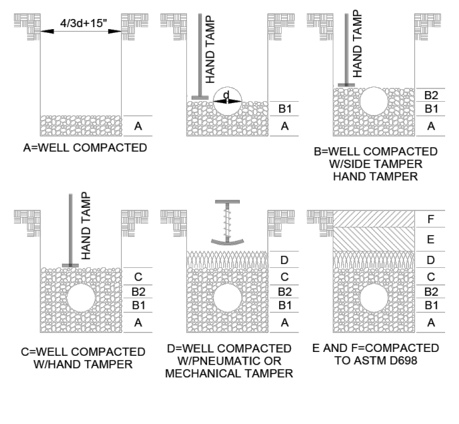
NOTES:
1. HYDRANT SHALL BE SET ON CONCRETE VALVE BOX FOOTING BLOCK. OR POURED CONCRETE (CLASS A)
2. CARE SHALL BE USED TO SET HYDRANT PLUMB. THE FIRE HYDRANT SHALL BE LOCATED NOT LESS THAN 12" OR MORE THAN 18" FROM FACE OF CURB TO FRONT OF HYDRANT.
3. A MINIMUM OF 2 CU. FT. OF CRUSHED STONE SHALL BE PLACED AROUND HYDRANT BASE TO ALLOW FOR DRAINAGE.
4. HYDRANTS TO BE PAINTED. REFER TO SPECIFICATIONS FOR BODY AND BONNET COLORS.
5. HYDRANT TEE AND HYDRANT SHOE TO INCLUDE MEGA-LUG RESTRAINT DEVICES.
6. FIRE HYDRANT SHALL NOT SIT CLOSER THAN 5' FROM EDGE OF ANY POWER AND/OR LIGHT POLE.
7. HYDRANT BURY SHALL BE AT LEAST 48" + O.D. IF WATER LINE LOCATED IN ROADWAY AND 36" + O.D. IF LOCATED OUTSIDE ROADWAY.
8. HYDRANT SHALL BE RODDED TO VALVE AND VALVE SHALL BE RODDED TO TEE BRANCH.



FIRE HYDRANT DETAIL
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-007 DRAWING No.



VALVE BOX SETTING DETAIL
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-008 DRAWING No.



LAYER	DEPTH	MATERIAL
A	6" MIN	CLASS [1-4] FOR ALL PIPE (1)(2)
B	VARIES	CLASS [1-4] FOR ALL PIPE TAMPED IN 6" MAXIMUM LAYERS. (2)
C	6"	CLASS [1-4] FOR ALL PIPE (2)
D	6"	SELECTED BACKFILL MATERIAL - CLASS 1-4 FOR ALL PIPE.
E	VARIES	CLASS [1-4] FOR ALL PIPE, 75% OF BACKFILL MATERIAL MAY CONTAIN BROKEN STONES NOT EXCEEDING 6" IN DIAMETER-TAMPED IN 12" MAXIMUM LAYERS.
F	12"	CLASS [3 OR 4] FOR ALL PIPE, FREE OF LARGE CLODS, VEGETABLE MATTER, DEBRIS STONE AND/OR ANY OTHER OBJECTIONABLE MATTER.

(1) SEE SPECIFICATION SECTION 31 23 33 FOR SPECIAL FOUNDATION PREPARATION.
(2) (TDOT NO. 57) STONE FOR 6" MIN. STONE ENVELOPE AROUND PVC PIPE

BACKFILLING AND COMPACTION OF TRENCHES IN UNIMPROVED AREAS

TRENCH BACKFILL
NTS

BARGE DESIGN SOLUTIONS | TRENCH BACKFILL | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 9 | PROJECT NO.: 34808-00 | DATE: 4-18-2024

BEDDING AND BACKFILL MATERIAL CLASSIFICATION

1. CLASS 1 MATERIALS: ANGULAR 1/4 TO 1 INCH GRADED STONE INCLUDING A NUMBER OF FILL MATERIALS THAT HAVE REGIONAL SIGNIFICANCE SUCH AS CRUSHED STONE, CINDERS, SLAG AND CRUSHED SHELLS.
2. CLASS 2 MATERIALS: COARSE SANDS AND GRAVELS WITH A MAXIMUM PARTICLE DIMENSION OF 1 1/2 INCH INCLUDING VARIOUSLY GRADED SAND AND GRAVELS CONTAINING SMALL PERCENTAGES OF FINES, GENERALLY GRANULAR AND NON-COHESIVE, EITHER WET OR DRY.
3. CLASS 3 MATERIAL: FINE SAND AND CLAYEY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES, AND GRAVEL-CLAY MIXTURES.
4. CLASS 4 MATERIAL: SILT, SILTY CLAYS AND CLAYS, INCLUDING INORGANIC CLAYS, AND SILTS OF MEDIUM TO HIGH PLASTICITY AND LIQUID LIMITS.
5. CLASS 5 MATERIAL: ORGANIC SOILS, AS WELL AS SOIL CONTAINING FROZEN EARTH, DEBRIS, ROCKS LARGER THAN 1 1/2 INCHES AND OTHER FOREIGN MATERIALS.

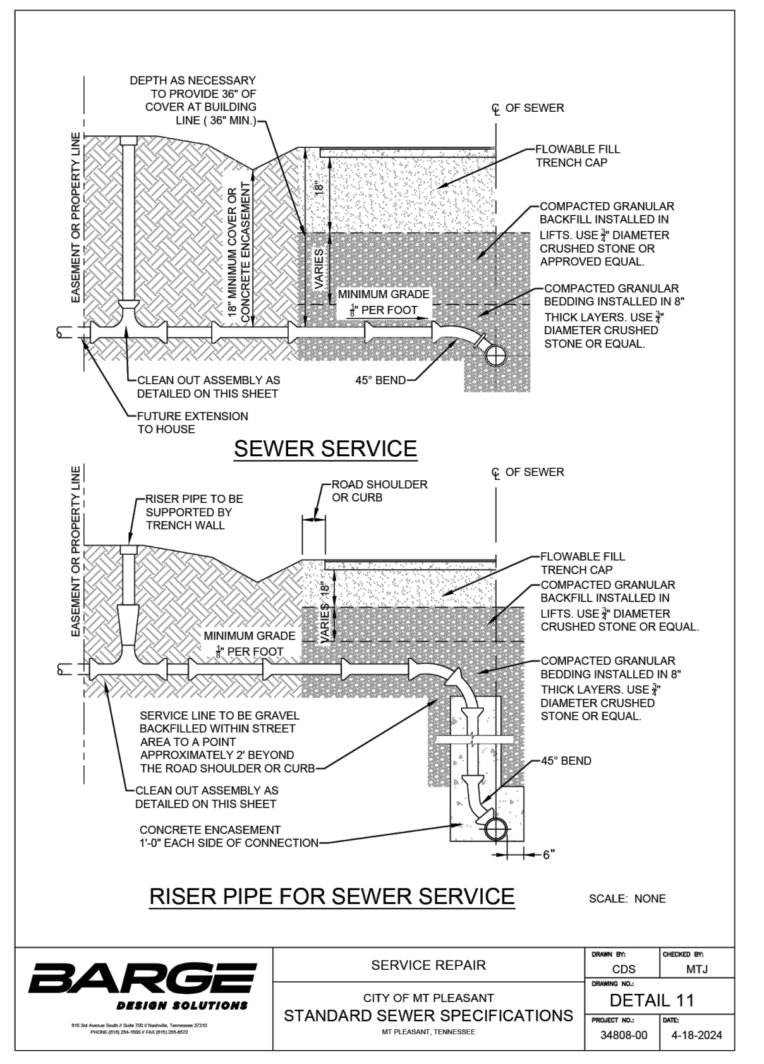
LAYER	DEPTH	MATERIAL
A	6" MIN	CLASS [1] FOR ALL RIGID PIPE (1)(2)
B	VARIES	CLASS [1] FOR ALL RIGID PIPE TAMPED IN 6" MAXIMUM LAYERS. (2)
C	6"	CLASS [1] FOR ALL RIGID PIPE (2)
D	6"	CLASS [1] FOR ALL PIPE.
E	VARIES	CLASS [1] FOR ALL PIPE
F	12"	CLASS [1] FOR ALL PIPE- EXCEPT USE CLASS A, GRADE D CRUSHED STONE ACROSS OR ALONG EXISTING PAVEMENT UNLESS OTHERWISE NOTED

(1) SEE SPECIFICATION SECTION 31 23 33 FOR SPECIAL FOUNDATION PREPARATION.
(2) (TDOT NO. 57) STONE FOR 6" MIN. STONE ENVELOPE AROUND PVC PIPE

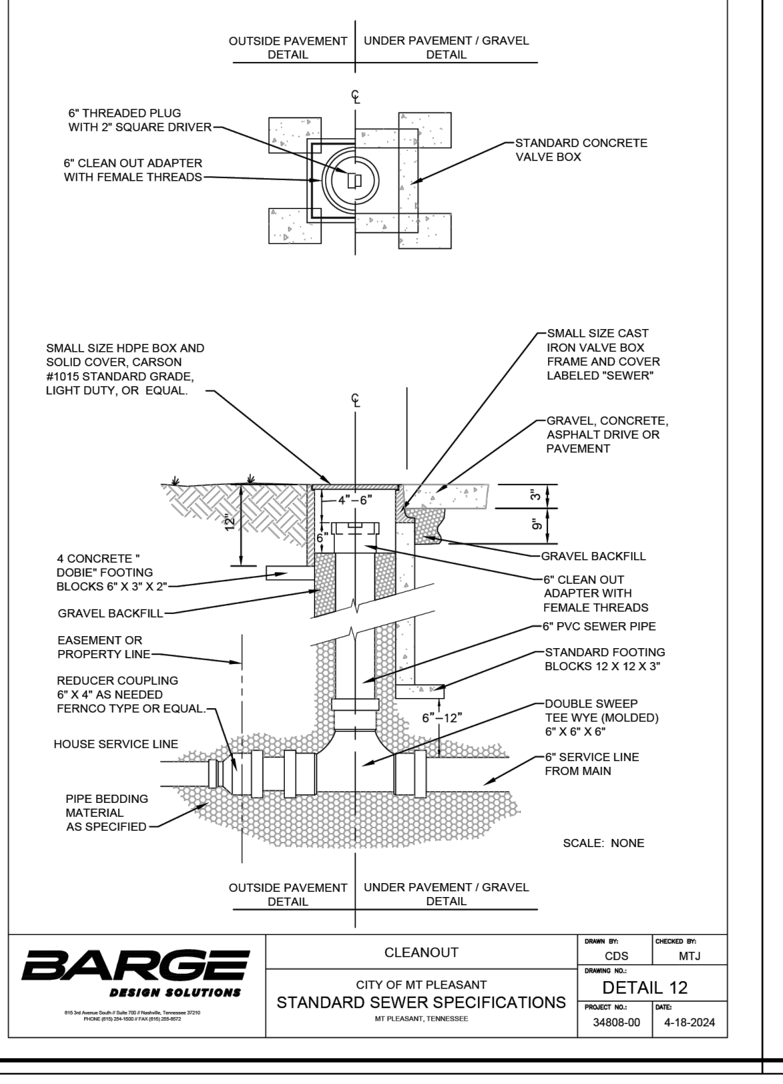
BACKFILLING AND COMPACTION OF TRENCHES IN PAVED AREAS

TRENCH BACKFILL
NTS

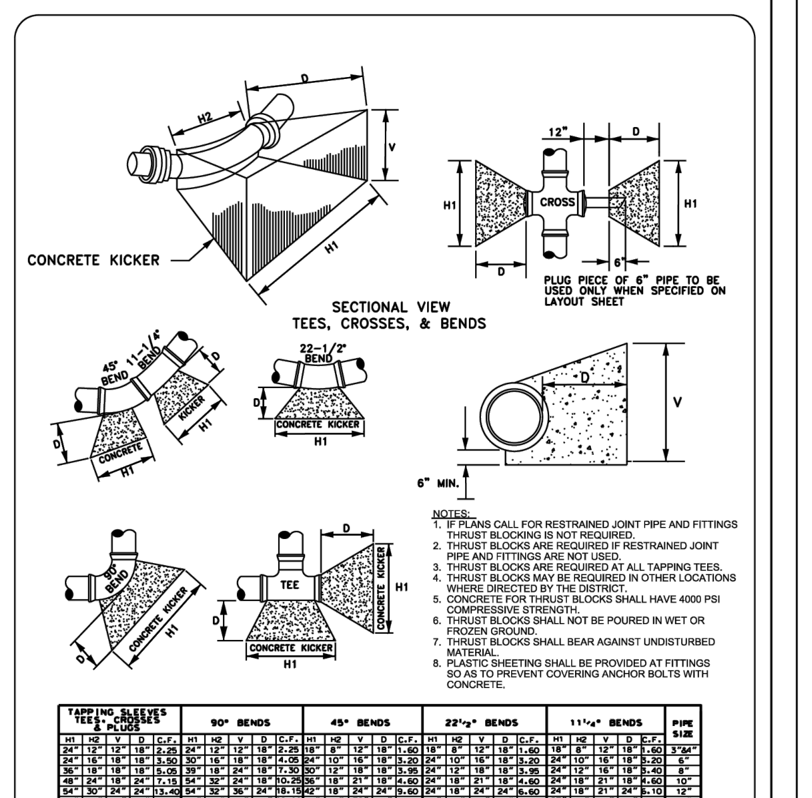
BARGE DESIGN SOLUTIONS | TRENCH BACKFILL | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 10 | PROJECT NO.: 34808-00 | DATE: 8-22-2022



BARGE DESIGN SOLUTIONS | SERVICE REPAIR | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 11 | PROJECT NO.: 34808-00 | DATE: 4-18-2024

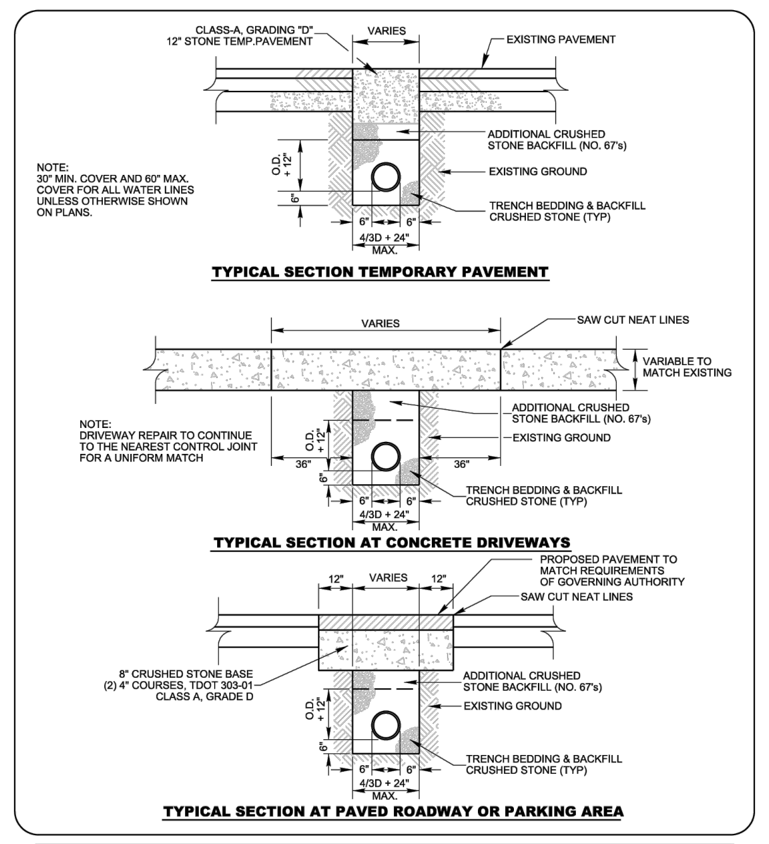


BARGE DESIGN SOLUTIONS | CLEANOUT | CITY OF MT PLEASANT | STANDARD SEWER SPECIFICATIONS | DRAWN BY: CDS | CHECKED BY: MTJ | DETAIL 12 | PROJECT NO.: 34808-00 | DATE: 4-18-2024



NOTES:
1. IF PLANS CALL FOR RESTRAINED JOINT PIPE AND FITTINGS THRUST BLOCKING IS NOT REQUIRED.
2. THRUST BLOCKS ARE REQUIRED IF RESTRAINED JOINT PIPE AND FITTINGS ARE NOT USED.
3. THRUST BLOCKS ARE REQUIRED AT ALL TAPPING TEES.
4. THRUST BLOCKS MAY BE REQUIRED IN OTHER LOCATIONS WHERE DIRECTED BY THE DISTRICT.
5. CONCRETE FOR THRUST BLOCKS SHALL HAVE 4000 PSI COMPRESSIVE STRENGTH.
6. THRUST BLOCKS SHALL NOT BE POURED IN WET OR FROZEN GROUND.
7. THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED MATERIAL.
8. PLASTIC SHEETING SHALL BE PROVIDED AT FITTINGS SO AS TO PREVENT COVERING ANCHOR BOLTS WITH CONCRETE.

CONCRETE THRUST BLOCK DETAILS
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-013 DRAWING No.



NOTE:
30" MIN. COVER AND 60" MAX. COVER FOR ALL WATER LINES UNLESS OTHERWISE SHOWN ON PLANS.

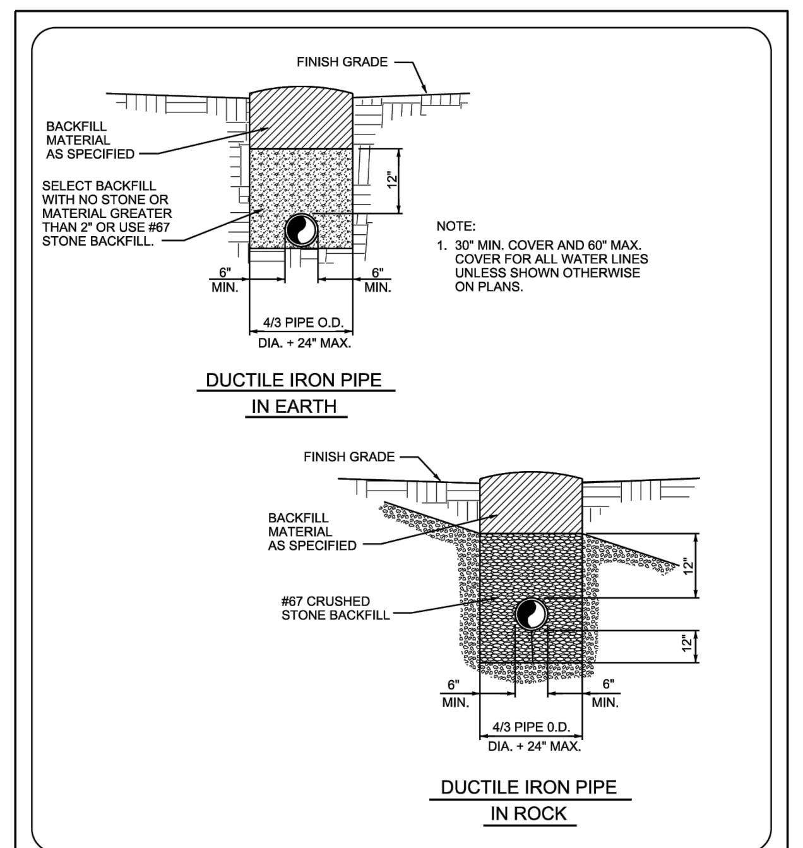
TYPICAL SECTION TEMPORARY PAVEMENT

NOTE:
DRIVEWAY REPAIR TO CONTINUE TO THE NEAREST CONTROL JOINT FOR A UNIFORM MATCH

TYPICAL SECTION AT CONCRETE DRIVEWAYS

TYPICAL SECTION AT PAVED ROADWAY OR PARKING AREA

TYPICAL TRENCH DETAILS IN TRAFFIC AREAS
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-016 DRAWING No.



NOTE:
1. 30" MIN. COVER AND 60" MAX. COVER FOR ALL WATER LINES UNLESS SHOWN OTHERWISE ON PLANS.

DUCTILE IRON PIPE IN EARTH

DUCTILE IRON PIPE IN ROCK

TYPICAL TRENCH DETAIL NON-PAVED AREAS
CITY OF MOUNT PLEASANT
MAURY COUNTY, TENNESSEE
TSW-017 DRAWING No.

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL
JOSEPH M. HADDIX
No. 114927
02/26/26
Joe Haddix

CIVIL DETAILS

C5.02

HC PROJECT NO.: 25-041-01

Feb 27, 2026 - 7:28am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C5.02 - Civil Details.dwg

Feb 27, 2026 - 7:28am \\heritage-server\Data\Projects\2025\25-041-01\Cadd\Civil\Site Plan\25-041-01 - C6.00 - Turn Template.dwg

PROJECT BENCHMARK:
DESCRIPTION: TAG BOLT ON FIRE HYDRANT
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

SCALE: 1"=30'
0 30 60

HERITAGE CIVIL
PLLC
2055 N Mt. Juliet Road, Ste 204
Mt. Juliet, TN 37122
JakeP@HeritageCivil.com
615.943.5666

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mount Pleasant, Maury County, Tennessee
Map 133H- Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION RESUBMITTAL	02/26/2026

SEAL
JOSEPH M. HADDIX
No. 114927
02/26/26

TURN TEMPLATE

C6.00

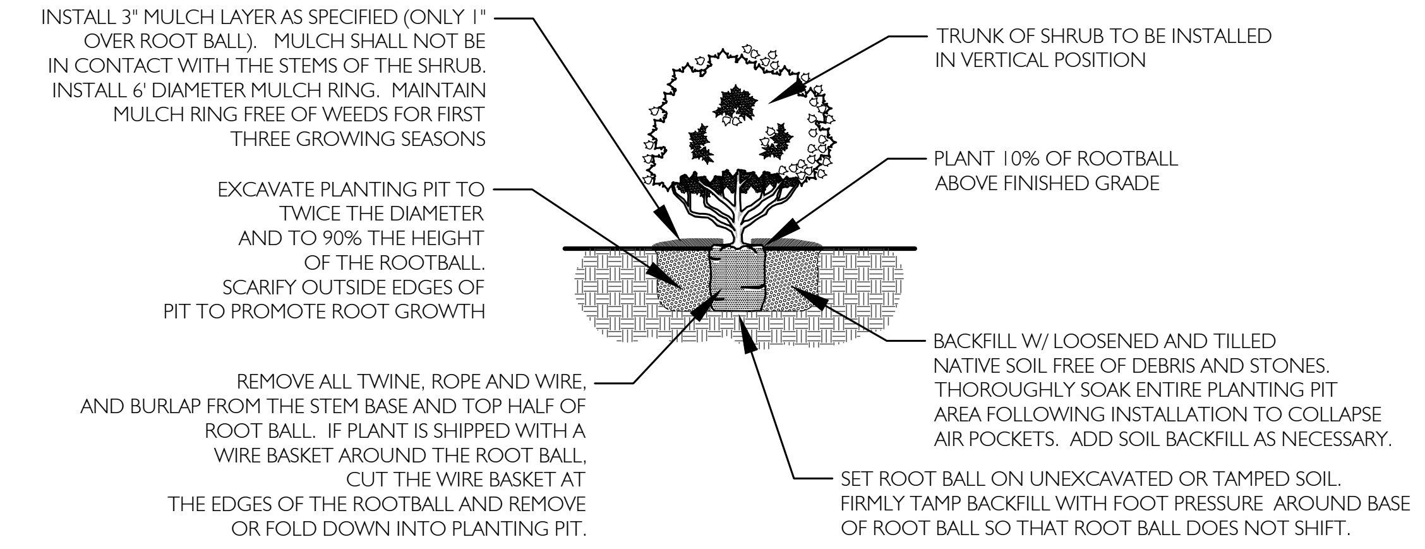
HC PROJECT NO.: 25-041-01

Tree Quality Notes:

1. Unless specifically noted, all trees shall be of specimen quality, exceptionally heavy, symmetrical, and so trained or favored in development and appearance as to be unquestionably and outstandingly superior in form, compactness, and symmetry. They shall be sound, healthy, vigorous well branched, and densely foliated when in leaf; free of disease and insects; and shall have healthy, well-developed root systems. They shall be free from physical damage or other conditions that would prevent vigorous growth.
2. Trees with co-dominant leaders and/or included bark shall be rejected. Trees with a damaged or crooked leader, girdled trunk, bark abrasions, sunscald, disfiguring knots, insect damage, sheared crown, cuts of limbs over 3/4" diameter that are not completely closed shall be rejected.

NOTE:

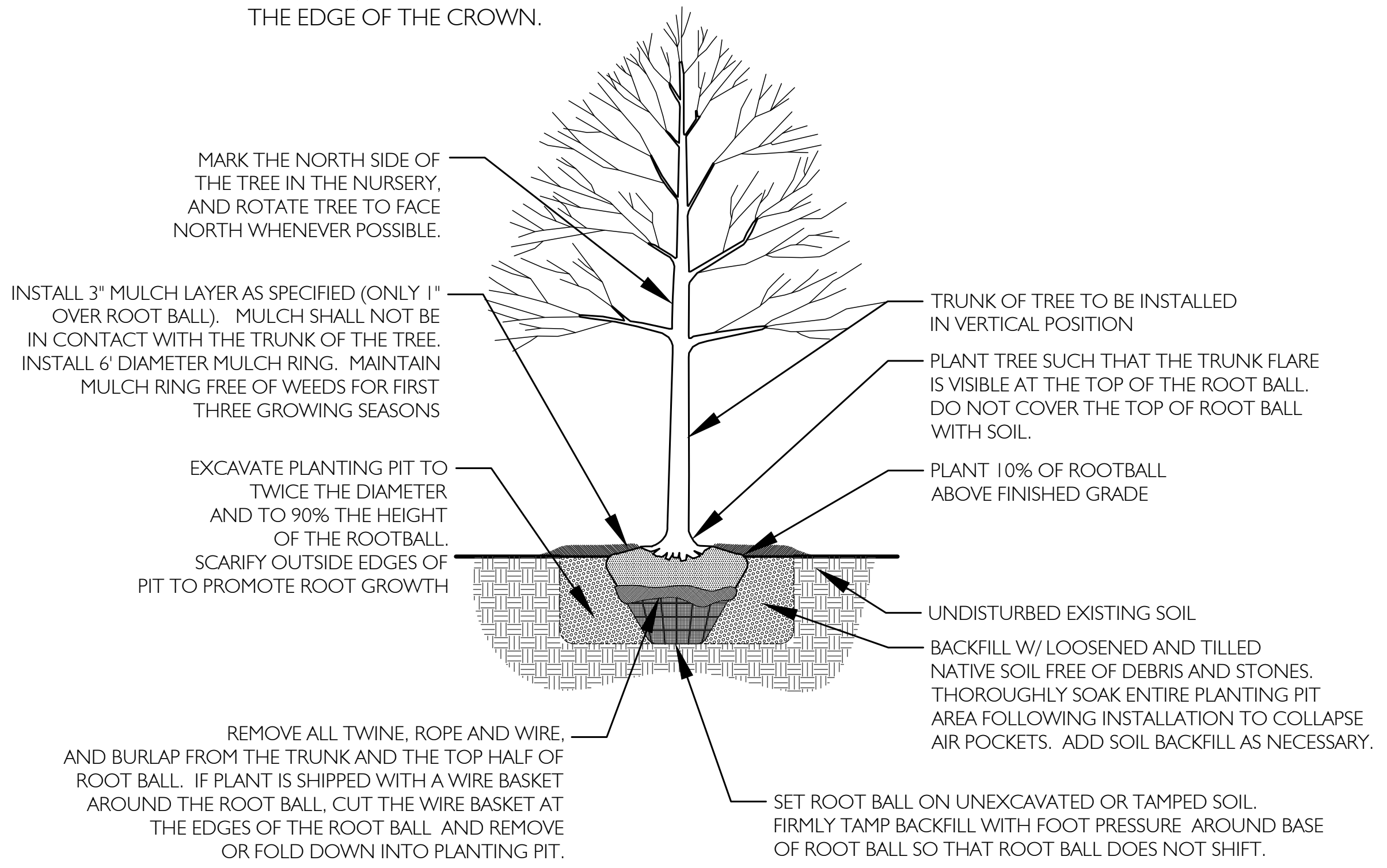
In the event proposed Canopy Trees are in conflict (within 15') with proposed lightpole locations, the Landscape Contractor shall contact the Landscape Architect immediately for coordination of field adjustment.



SHRUB PLANTING DETAIL

NOT TO SCALE

DO NOT HEAVILY PRUNE TREE AT PLANTING AND DO NOT SHEAR TREE CROWN.
PRUNE ONLY CROSSOVER LIMBS AND BROKEN OR DEAD BRANCHES.
SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED;
HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

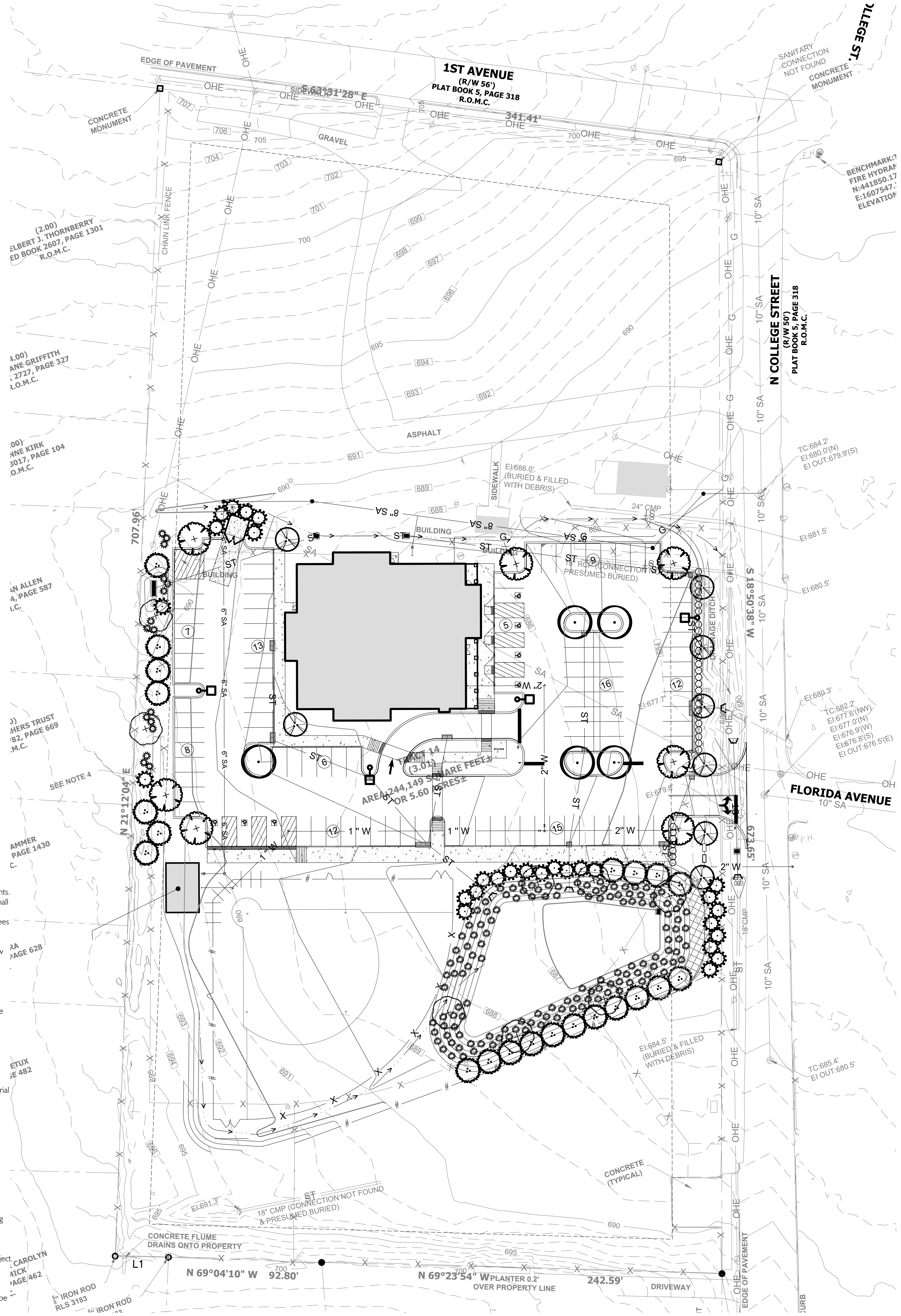


TREE PLANTING DETAIL

NOT TO SCALE

Landscape Notes:

1. All work shall be performed by fully qualified Plantsmen. Use good Horticultural practices to keep all plants and plant material installed in a living, healthy condition up to the date of termination of the contractor's responsibility for care.
2. The Landscape Contractor shall be responsible for examining fully both the site and the bid documents. Discrepancies in the documents or the actual site conditions shall be reported to the Landscape Architect in writing at the time of bidding or discovery. No account shall be made after contract completion for failure to report such condition, or for errors on the part of the Landscape Contractor at the time of bidding.
3. The Landscape Contractor is responsible for locating all underground utilities and shall avoid damage to utilities during the course of the work. The Landscape Contractor is responsible for repairing any damage to utilities, site structures, etc., resulting from landscape construction.
4. The Landscape Contractor shall be responsible for securing all necessary applicable permits and licenses to perform the work set forth on this plan set and the specifications.
5. The Landscape Contractor shall verify all material quantities. In the event of a discrepancy, the quantities shown on the plan will take precedence.
6. No material shall be planted before finish grading has been completed.
7. The plants delivered to the project site shall be planted as soon as site conditions permit. Take care in scheduling plant deliveries and the size of the deliveries so that long periods of storage are avoided. Adequately protect plants placed in temporary storage from the sun and wind; water plants so as to maintain their appearance and health. Plants that have not been properly maintained during temporary storage may be rejected by the Landscape Architect.
8. Should the Contractor encounter unsatisfactory surface or other subsurface drainage conditions, soil depth, latent soils, hard pan, stem of utility lines or other conditions that will jeopardize the health and vigor of the plants, he must advise the Owner's Representative in writing of the conditions prior to installing the plants. Otherwise the Contractor warrants that the planting areas are suitable for proper growth and development of the plant material to be installed and contractor shall take responsibility for the cost of any revision.
9. It is the responsibility of the Contractor to verify that each excavated tree or shrub pit will percolate (drain) prior to adding topsoil of planting mix and installing trees or shrubs.The Contractor shall fill the bottom of selected holes with six inches of water. This water should percolate out within a 24-hour period. If the soil at a given area does not drain properly, a PVC drain or gravel sump shall be installed or the planting relocated to and area approved by the Owner's Representative.
10. Prior to installation of plant materials, the width and length of all parking lot landscape island and median areas are to be excavated to a depth of 24 Inches below the proposed top of pavement elevation. Excavated material is to be removed from the landscape areas and disposed of off site or in an area approved by the Project Engineer. No asphaltic construction trash and/or materials are to be left in the topsoil and planting mix backfill and/or subgrade of any proposed parking area islands and/or planting medians and strips. Parking lot islands and medians are to be backfilled with sifted topsoil as per project specifications and to the elevations indicated on the grading plans.
11. All shrub and ground cover beds not in parking lot islands or median strips are to be excavated to a depth of 12 Inches and disposed of off site or in an area approved by the Project Engineer. Trees in these bed areas shall be installed per the tree planting detail. The bed area is to be backfilled with sifted topsoil to the elevations indicated on the grading plans as per the specifications.
12. The optimum time for planting is from October 1 to April 1. Scheduling for planting at other times must be approved in writing by the Landscape Architect.
13. Existing trees to remain shall be protected from construction damage. Selectively prune dead wood.
14. New tree plantings are to be staked per planting details. Trees that are not staked according to detail will be rejected.
15. All deciduous trees, existing and proposed shall be pruned to provide 4' minimum clear trunk unless otherwise noted.
16. The Landscape Contractor shall stake or mark all plant material locations prior to installation. The Landscape Contractor shall have the Owner's Representative approve all staking prior to installation.
17. All plant material which dies, turns brown, or defoliates (prior to total acceptance of the work) shall be promptly removed from the site and replaced with material of the same species quantity and size and meeting all plant list specifications.
18. The Landscape Contractor shall grade planting beds, as required, to provide positive drainage and promote optimum plant growth.
19. Chemical Weed Control (pre-emergent, i.e. Treflan) shall be applied to all landscape areas prior to any plant installation.
20. All planting areas shall receive a 3" layer of the mulch as specified in the materials schedule, which is to be watered-in after installation.
21. All plants shall be vigorous, healthy material, free of pests and disease.
22. All plants and trees must meet all requirements specified in the plant list, details, and specifications.
23. The standards set forth in "American Standard for Nursery Stock" represent general guideline specifications only and will constitute minimum quality requirements for plant material. All plants must meet minimum size noted at the materials schedule. Trees shall be No. 1 grade specimen and shrubs shall be heavy well shaped specimens as well.
24. All disturbed areas shall be planted with turf as indicated on the materials schedule.
25. Existing sod shall be removed as necessary to accommodate new plantings.
26. Any existing sod areas that are unnecessarily disturbed during the landscape installation shall be resodded to match existing.
27. The Landscape Contractor is responsible for completely maintaining the work (including but not limited to: watering, mulching, spraying, fertilizing, of all planting areas and lawns per project specifications until total acceptance of the work by the owner.
28. The Landscape Contractor shall completely guarantee all work for a period of one year beginning at the date of total acceptance.
29. The Landscape Contractor shall provide the owner with written instructions on the proper care of all specified plant materials prior to final payment.
30. The Landscape Contractor will be responsible for the collection, removal, and proper disposal of any and all debris generated during the installation of this project.
31. ATTENTION OWNER/ INSTALLER:
This landscape plan has been designed to meet the minimum requirements of the City of Mt. Pleasant zoning ordinance, the approval of the planning commission, and planning department policy. Relocating, substituting, resizing, reducing or deleting material may cause the site to no longer conform to the requirements; Thus problems may arise with releasing the performance/ maintenance bond for landscaping. Deviation from the approved landscape plan shall not be made without first consulting Greenspace Design and then obtaining approval from either the planning commission or the planning department.



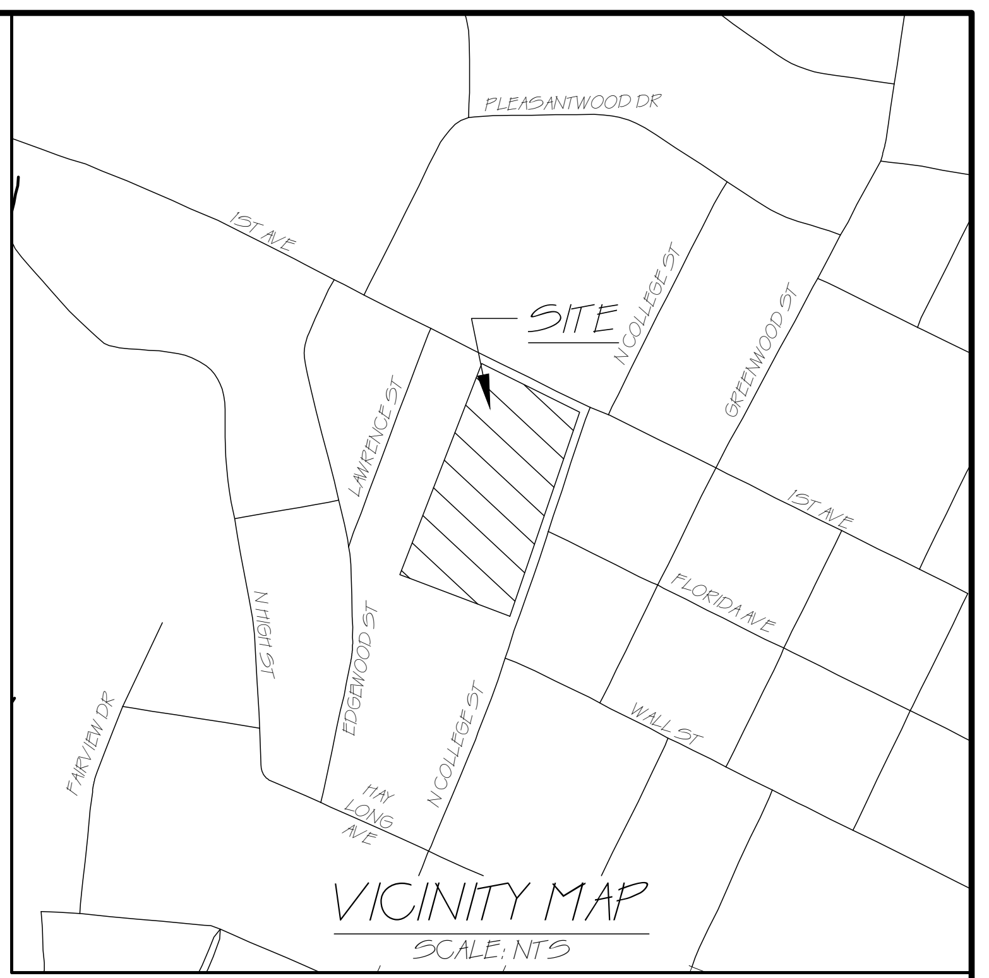
PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	TRUNK	REMARKS
CANOPY TREES							
⊕	7	Acer rubrum `October Glory` TM	`October Glory` Maple	12`-14`	6`-7`	2-1/2"	5` Clear Trunk
⊙	22	Pinus strobus	White Pine	6`-8`	3`-4`		F.T.B.
⊕	8	Platanus occidentalis	American Sycamore	12`-14`	6`-7`	2"	5` Clear Trunk
⊙	5	Ulmus parvifolia `Bosque`	Bosque Elm	12`-14`	6`-7`	2-1/2"	5` Clear Trunk
UNDERSTORY TREES							
⊗	8	Cercis canadensis `Forest Pansy` TM	Forest Pansy Redbud	8`-10`	4`-5`	2"	4` Clear Trunk
✹	28	Ilex x `Nellie R Stevens`	Nellie Stevens Holly	6`-8`	3`-4`	2"	F.T.B.
SHRUBS							
○	34	Prunus laurocerasus `Schipkaensis`	Schipka Laurel	24"-30"	18"-24"	F.T.B.	
✺	16	Viburnum x pragense	Prague Viburnum	18"-24"	18"-24"	F.T.B.	
ORNAMENTAL GRASSES							
✺	134	Miscanthus sinensis `Gracillimus`	Maiden Grass	24"-30"	18"-24"		#3 Container

TURF
SEED Turf Mixture Rebel III Turftype Fescue. Seed all disturbed areas @ 8#1,000sf.

MISCELLANEOUS	REMARKS
Shredded Hardwood Bark Mulch	Minimum 3" depth throughout.

NOTES
F.T.B. = Full To Base



HERITAGE CIVIL
2055 N Mt. Juliet Road, Ste 202
Mt. Juliet, TN 37122
JakeP@HeritageCivil.com
615.943.5666

Greenspace Design
Landscape Architecture
1113 Murfreesboro Rd., Suite 106-303 • Franklin, TN 37064

NEW MOUNT PLEASANT LIBRARY
SITE PLAN
301 N College Street, Mt. Pleasant, Maury County, Tennessee
Map 133H - Parcel 3.01

PLAN SET REVISION LOG:

Rev.	Description	Date
	PLANNING COMMISSION INITIAL SUBMITTAL	02/10/2026
	PLANNING COMMISSION INITIAL RE-SUBMITTAL	02/26/2026

SEAL
TENNESSEE NO. 743
LANDSCAPE ARCHITECT
02/26/2026

PROJECT BENCHMARK:
DESCRIPTION: TAG BOLT ON FIRE HYDRANT
N: 441850.17
E: 1607547.36
ELEV.: 695.66'

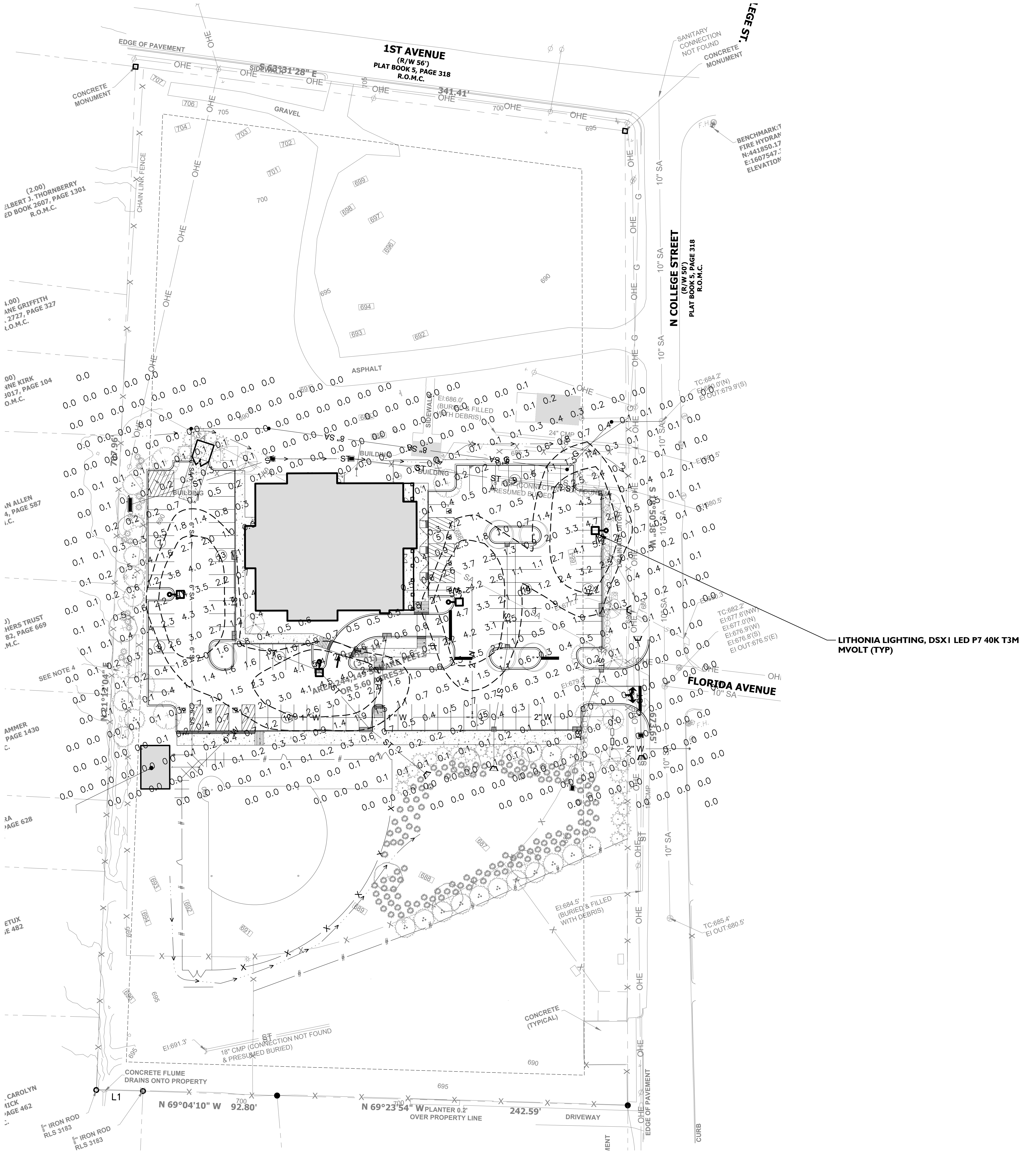
N

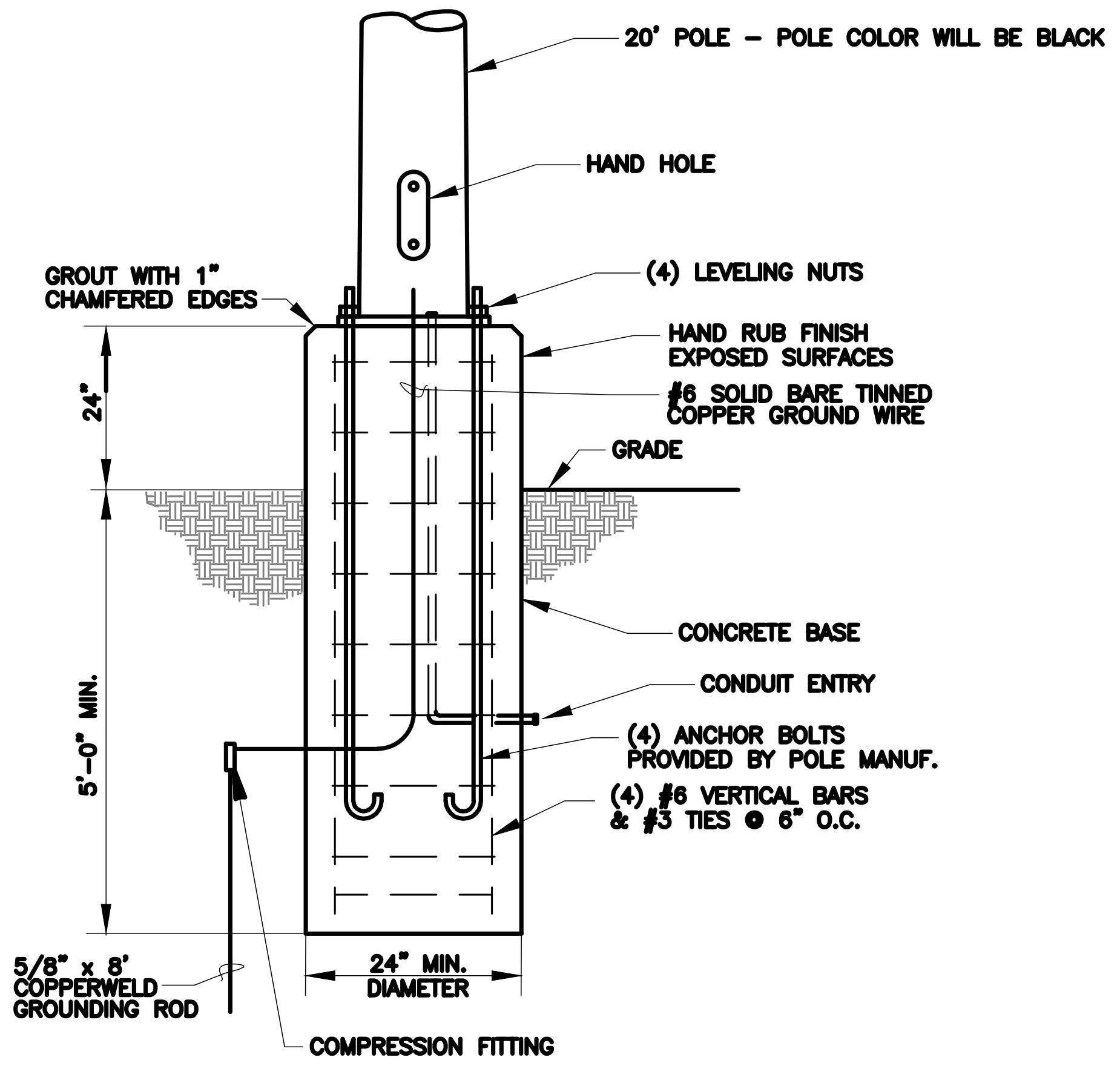
0 40' 80'
SCALE: 1" = 40'

Landscape Plan

L1.00

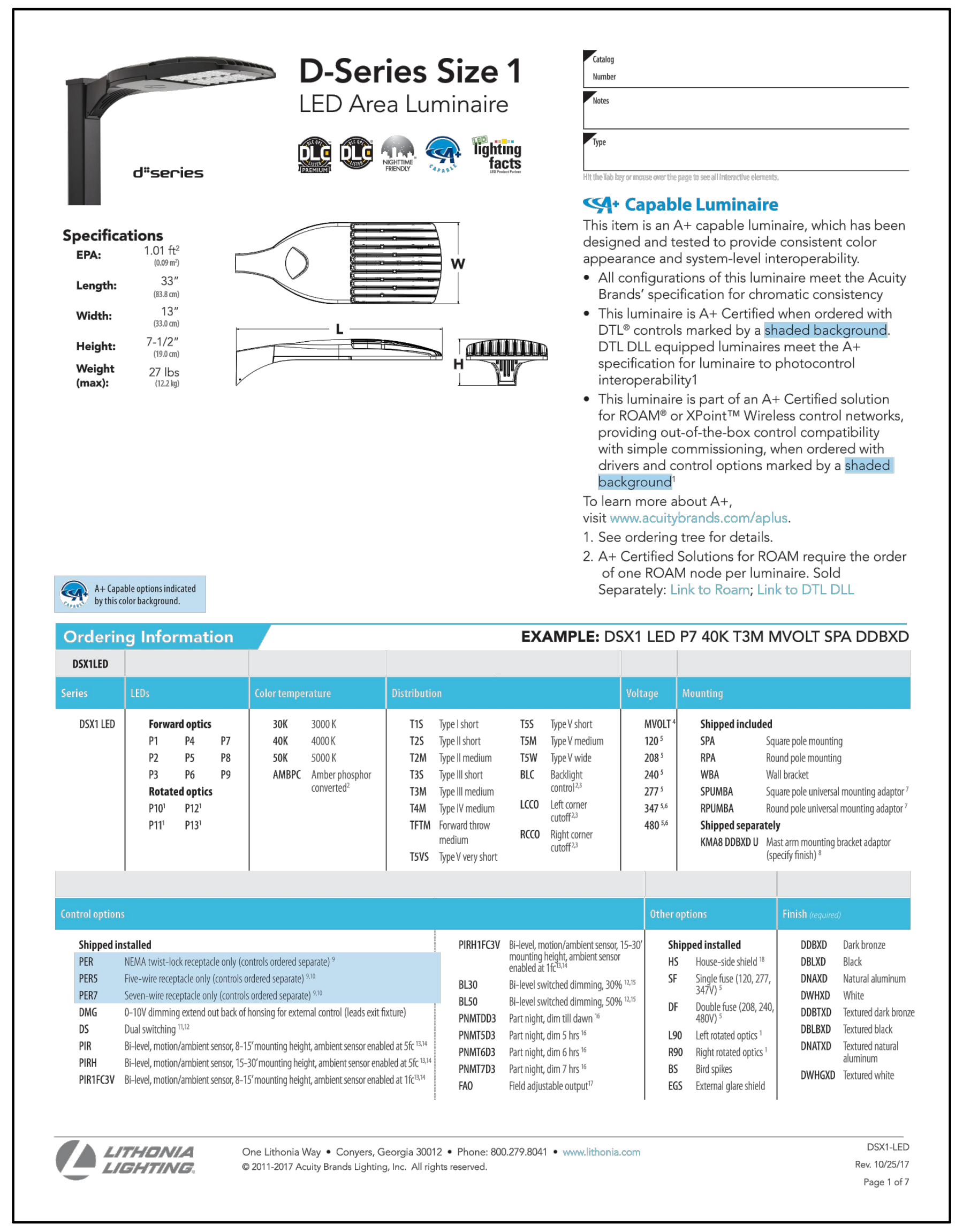
HC PROJECT NO.: 25-041-01





FOUNDATION DETAIL FOR OUTSIDE LIGHTING

NOT TO SCALE



D-Series Size 1

LED Area Luminaire

d"series

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA:	1.01 ft² (0.09 m²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background[1]

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P4 P7 P2 P5 P8 P3 P6 P9 **Rotated optics** P10[1] P12[1] P11[1] P13[1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted[2]	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control[2,3] LCCO Left corner cutoff[2,3] RCCO Right corner cutoff[2,3]	MVOLT[4] 120[5] 208[5] 240[5] 277[5] 347[5,6] 480[5,6]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[7] RPUMBA Round pole universal mounting adaptor[7] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[8]

Control options		Other options	Finish (required)
Shipped installed PER NEMA twist-lock receptacle only (controls ordered separate)[9] PER5 Five-wire receptacle only (controls ordered separate)[9,10] PER7 Seven-wire receptacle only (controls ordered separate)[9,10] DMG 0-10V dimming extend out back of honsing for external control (leads exit fixture) DS Dual switching[11,12] PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc[13,14] PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc[13,14] PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[13,14]	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[13,14] BL30 Bi-level switched dimming, 30%[12,15] BL50 Bi-level switched dimming, 50%[12,15] PNMTDD3 Part night, dim till dawn[16] PNMT5D3 Part night, dim 5 hrs[16] PNMT6D3 Part night, dim 6 hrs[16] PNMT7D3 Part night, dim 7 hrs[16] FAO Field adjustable output[17]	**Shipped installed** HS House-side shield[18] SF Single fuse (120, 277, 347V)[5] DF Double fuse (208, 240, 480V)[5] L90 Left rotated optics[1] R90 Right rotated optics[1] BS Bird spikes EGS External glare shield	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

LITHONIA LIGHTING

One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • www.lithonia.com

DSX1-LED
Rev. 10/25/17
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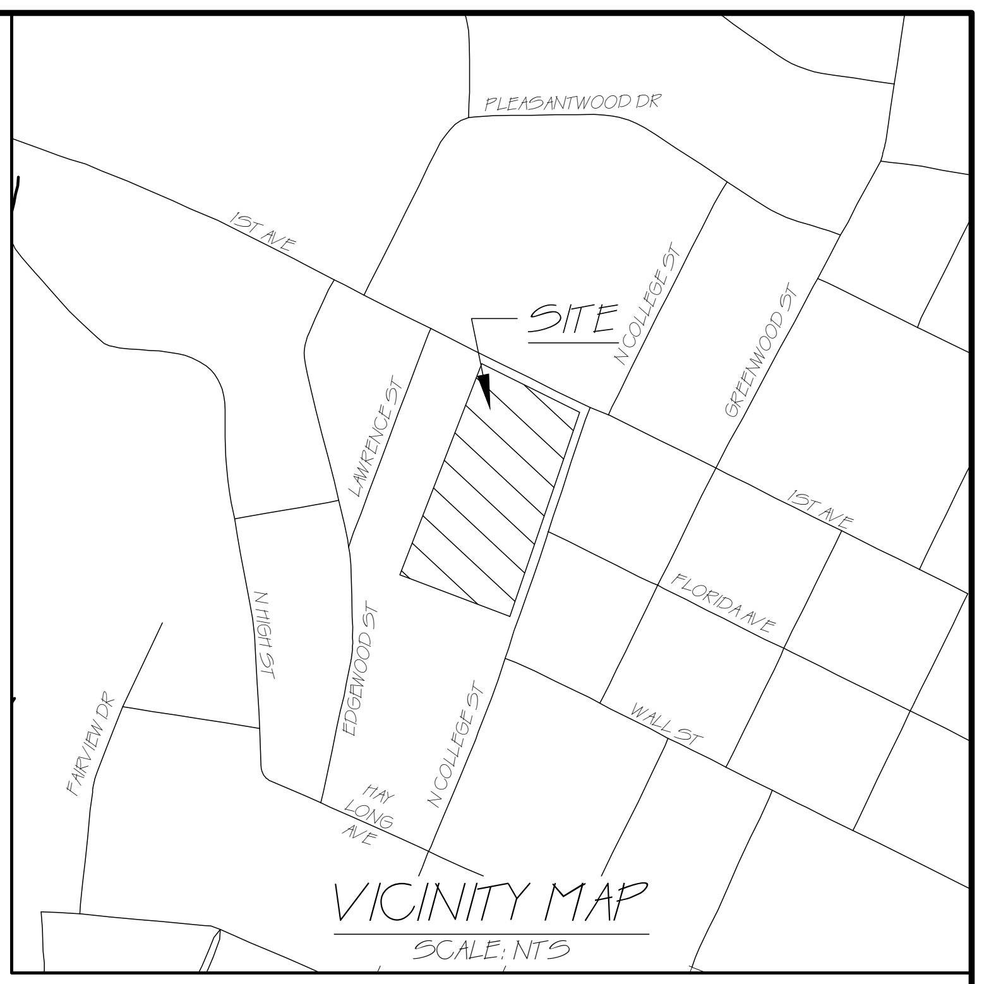

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02/26/2026
JOSHUA B. HEMRICK
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