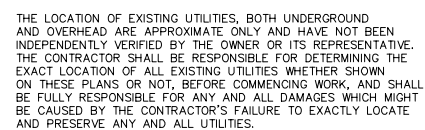
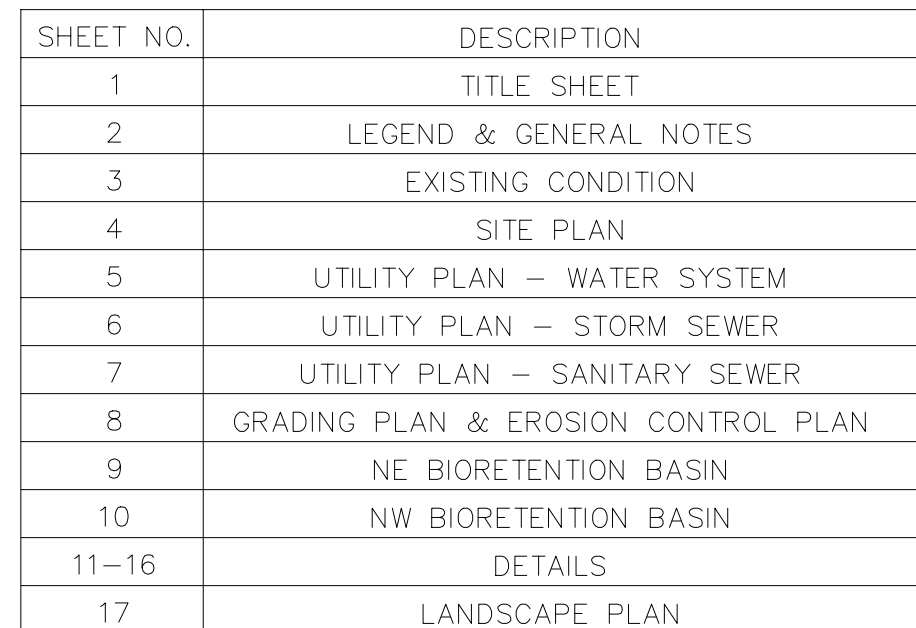


vierbicher
advisors / engineers / surveyors



ISSUED DATE: 08/26/2026

SHEET	PROJECT NO. 260119	CHECKED NPFA	DRAFTER KFEN	DATE 2026-08-26		REVISIONS		REVISIONS		TITLE SHEET
				NO.	DATE	REMARKS	NO.	DATE	REMARKS	
										DODGEVILLE PIZZA RANCH
										CITY OF DODGEVILLE
										IOWA COUNTY, WISCONSIN

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING MONITORING WELL
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING ENDWALL
- EXISTING FIELD INLET RECTANGULAR
- EXISTING FIELD INLET
- EXISTING ROOF DRAIN CLEANOUT
- EXISTING ROOF DRAIN
- EXISTING STORM MANHOLE
- EXISTING STORM MANHOLE RECTANGULAR
- EXISTING STORM TRACER WIRE BOX
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY MANHOLE
- EXISTING SEPTIC VENT
- EXISTING SANITARY TRACER WIRE BOX
- EXISTING FIRE HYDRANT
- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING WELL
- EXISTING WATER MANHOLE
- EXISTING WATER TRACER WIRE BOX
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC RECTANGULAR MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TRANSFORMER
- EXISTING ELECTRIC METER
- EXISTING GUY POLE
- EXISTING LIGHT POLE
- EXISTING GENERIC LIGHT
- EXISTING UTILITY POLE
- EXISTING TV MANHOLE
- EXISTING TV RECTANGULAR MANHOLE
- EXISTING TV PEDESTAL
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING TRAFFIC SIGNAL
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING TREE STUMP
- EXISTING BORING
- EXISTING ADA DETECTABLE WARNING FIELD

SURVEY LEGEND

- BENCHMARK
- FOUND CHISELED "X"
- PUBLIC LAND CORNER AS NOTED
- FOUND NAIL
- FOUND 1" Ø IRON PIPE
- FOUND 2" Ø IRON PIPE
- FOUND ____" Ø IRON PIPE
- FOUND P.K. NAIL
- FOUND 1-1/4" Ø IRON ROD
- FOUND 3/4" Ø IRON ROD
- FOUND ____" Ø IRON ROD
- FOUND RAILROAD SPIKE
- SET CHISELED "X"
- SET NAIL
- SET P.K. NAIL
- SET 1-1/4" X 18" SOLID IRON RE-ROD, MIN. WT. 4.30 LBS./FT.
- SET 3/4" X 18" SOLID IRON RE-ROD, MIN. WT. 1.50 LBS./FT.
- SET RAILROAD SPIKE
- SET 1.32" (O.D.) X 18" IRON PIPE WITH CAP WEIGHING 1.68 LBS/LIN FT
- SET 2.38" (O.D.) X 18" IRON PIPE WITH CAP WEIGHING 3.65 LBS/LIN FT
- GENERAL CONTROL POINT

TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING GENERAL FENCE
- EXISTING WIRE FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GUY LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY FORCE MAIN (SIZE NOTED)
- EXISTING SANITARY SEWER LINE (SIZE NOTED)
- EXISTING STORM SEWER LINE (SIZE NOTED)
- EXISTING EDGE OF TREES
- EXISTING WATER MAIN (SIZE NOTED)
- EXISTING WETLAND DELINEATION
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING EDGE OF PAVEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING WETLANDS
- EXISTING GRAVEL SURFACE
- EXISTING CONCRETE SURFACE
- EXISTING ASPHALT SURFACE

DEMOLITION PLAN LEGEND

- CURB AND GUTTER REMOVAL
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- BUILDING REMOVAL
- TREE REMOVAL
- SAWCUT
- UTILITY STRUCTURE REMOVAL
- UTILITY LINE REMOVAL

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- EROSION MAT CLASS III, TYPE C
- EROSION MAT CLASS II, TYPE A
- TRACKING PAD
- RIP RAP

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED CHAIN LINK FENCE
- PROPOSED WOOD FENCE
- PROPOSED CONCRETE
- PROPOSED LIGHT-DUTY ASPHALT
- PROPOSED HEAVY-DUTY ASPHALT
- PROPOSED BUILDING
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED ADA DETECTABLE WARNING FIELD
- PROPOSED HANDICAP PARKING

ABBREVIATIONS

- TC - TOP OF CURB
- FF - FINISHED FLOOR
- FL - FLOW LINE
- SW - TOP OF WALK
- TW - TOP OF WALL
- BW - BOTTOM OF WALL

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER VALVE MANHOLE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

ABBREVIATIONS

- STMH - STORM MANHOLE
- FI - FIELD INLET
- CI - CURB INLET
- CB - CATCH BASIN
- EW - ENDWALL
- SMH - SANITARY MANHOLE

CONSTRUCTION AND GENERAL NOTES:

INSTALL A 50'L X 20'W X 1.5'D ANTI TRACKING PAD AT THE ENTRANCE OF THE PROJECT. THE ANTI TRACKING PAD SHALL BE REPLACED AS NECESSARY TO ACCOMMODATE UTILITY CONSTRUCTION.

CONTRACTOR TO MAINTAIN TO MAINTAIN ONE LANE OF TRAFFIC (ASPHALT OR GRAVEL) AT ALL TIMES OR GET OWNER APPROVAL FOR ROAD CLOSURE

THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS. REPORTS SHALL BE SUBMITTED TO ENGINEER WEEKLY.

ELEVATIONS ON PLAN ARE APPROXIMATE. UTILITY STRUCTURES SHALL NOT BE SET TO FINAL ELEVATIONS UNTIL THE CURB & GUTTER AND BASE COURSE HAVE BEEN INSTALLED.

THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES.

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING ORDER OF ANY SUCH ITEM.

EXISTING TOPOGRAPHIC INFORMATION IS BASED ON FIELD OBSERVATIONS AND/OR PLAN OF RECORD. CONTRACTOR SHALL VERIFY TOPOGRAPHIC INFORMATION PRIOR TO STARTING CONSTRUCTION.

CONTRACTOR SHALL SUBMIT "RECORD DRAWINGS" AT EVERY PAY REQUEST FOR WORK COMPLETED AND ACCEPTED BY THE OWNER/ENGINEER.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND ENSURE PROPER CLEARANCE OF NEW UTILITIES. ANY DAMAGE TO THE EXISTING UTILITIES AND ANY REPAIRS NEEDED AS A RESULT OF THE DAMAGE SHALL BE AT THE EXPENSE OF THE CONTRACTOR REGARDLESS OF THE LOCATION MARKED IN THE FIELD OR SHOWN ON THE PLANS.

SEWER AND WATER LATERAL LOCATIONS ARE SHOWN APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL LIVE LATERALS. NEW CURB STOPS SHALL BE PLACED 3' OFF THE BACK OF CURB. WATER SERVICES WILL ONLY BE REPLACED TO THE EXISTING CURB STOP OR 6' OFF THE BACK OF CURB. ALL SANITARY LIVE LATERALS SHALL BE REPLACED TO THE SAME DISTANCE BEHIND THE BACK OF CURB AS THE WATER LATERAL REPLACEMENT. SEWER LATERALS SHALL BE REPLACED WITH 4" MINIMUM OR LARGER TO MATCH EXISTING. NEW WATER LATERALS SHALL BE 1" MINIMUM OR LARGER TO MATCH EXISTING UNLESS NOTED OTHERWISE. TRACER WIRE SHALL BE INSTALLED ON SANITARY LATERALS.

THE EXISTING SANITARY SEWER HAS NOT BEEN TELEVISED. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND CONNECTING ALL LIVE LATERALS.

THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY THE MEANS OF STREET SWEEPING (NOT FLUSHING) AT THE END OF EACH WORK DAY.

EXCESS MATERIAL GENERATED FROM CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFF SITE.

ROW AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED.

CONTRACTOR SHALL COORDINATE w/ PROPERTY OWNERS/RESIDENTS REGARDING ACCESS TO DRIVEWAYS AND UTILITY SHUT-OFFS.

CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND FACILITATING GARBAGE PICK-UP WITH WASTE MANAGEMENT AND RESIDENTS.

CONTRACTOR IS RESPONSIBLE FOR SETTING UP TEMPORARY MAIL BOXES TO ALLOW FOR MAIL DELIVERY AND PICK-UP.

AGENCIES

EMERGENCY - FIRE, RESCUE, AMBULANCE, POLICE
DIAL 911

DODGEVILLE FIRE DEPARTMENT
401 N LEVEL ST.
DODGEVILLE, WI 53533
(608) 935-3035 NON-EMERGENCY

UNITED STATES POST OFFICE
1121 N JOHNS ST.
DODGEVILLE, WI 53533
(608) 935-3533

DODGEVILLE POLICE DEPARTMENT
111 W MERRIMAC ST
DODGEVILLE, WI 53533
(608) 935-3238 NON-EMERGENCY

UTILITIES

CITY OF DODGEVILLE - PUBLIC WORKS DIRECTOR/ENGINEER
100 E. FOUNTAIN ST
DODGEVILLE, WI 53533
ATTN: DYLAN WADZINSKI
(608) 930-1011

CITY OF DODGEVILLE -UTILITIES (SEWER)
901 E SPRING ST
DODGEVILLE, WI 53533
ATTN: KEVIN LIDDICOAT, WASTEWATER FOREMAN
(608) 935-5633

CITY OF DODGEVILLE -UTILITIES (WATER)
805 E NORTH ST
DODGEVILLE, WI 53533
ATTN:BRIAN SCHULTZ, WATER FOREMAN
(608) 930-3179

CITY OF DODGEVILLE -STREETS
302 E QUARRY ST
DODGEVILLE, WI 53533
ATTN:MARK WASLEY, STREET FOREMAN
(608) 930-3754

CITY OF DODGEVILLE -CITY HALL
100 E. FOUNTAIN ST
DODGEVILLE, WI 53533
(608) 846-6751

MH. TELECOM
305 NORTH IOWA STREET
DODGEVILLE, WI 53533
KEVIN MAYNE
(608)437-6770

ALLIANT ENERGY (GAS & ELECTRIC)
490 SHAKERAG STREET
MINERAL POINT, WI 53565
CHAD NOVAK
(608) 574-1037

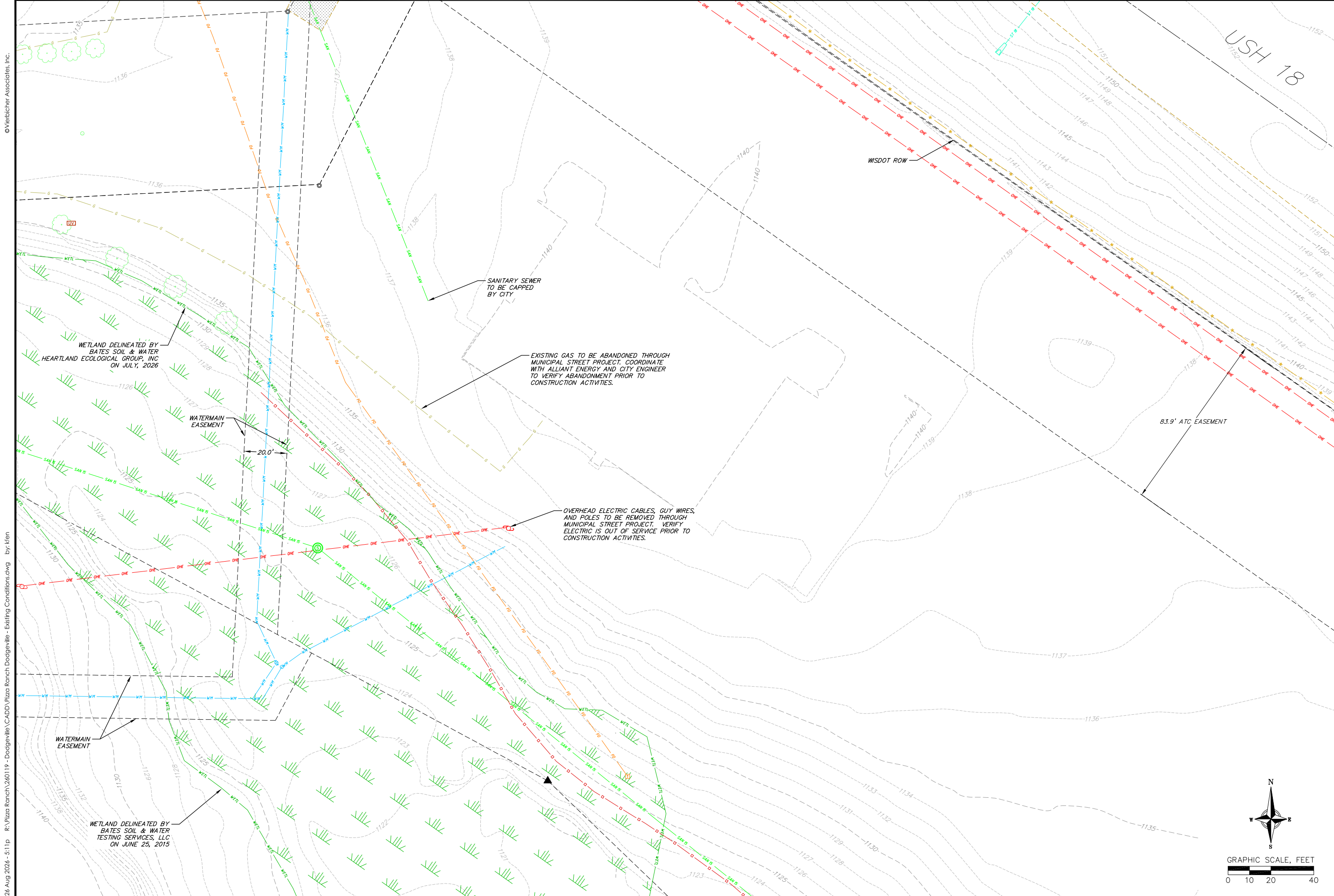
CHARTER COMMUNICATIONS (CABLE TV)
2701 DANIELS ST.
MADISON, WI 53718
STEVE HEGGE
(608)274-3822 x6687

FRONTIER COMMUNICATIONS
100 COMMUNICATIONS DR.
SUN PRAIRIE, WI 53590
JERRY MOORE
(608) 837-1605

LEGEND & GENERAL NOTES

DODGEVILLE PIZZA RANCH
CITY OF DODGEVILLE
IOWA COUNTY, WISCONSIN

REVISIONS	REVISIONS		REMARKS
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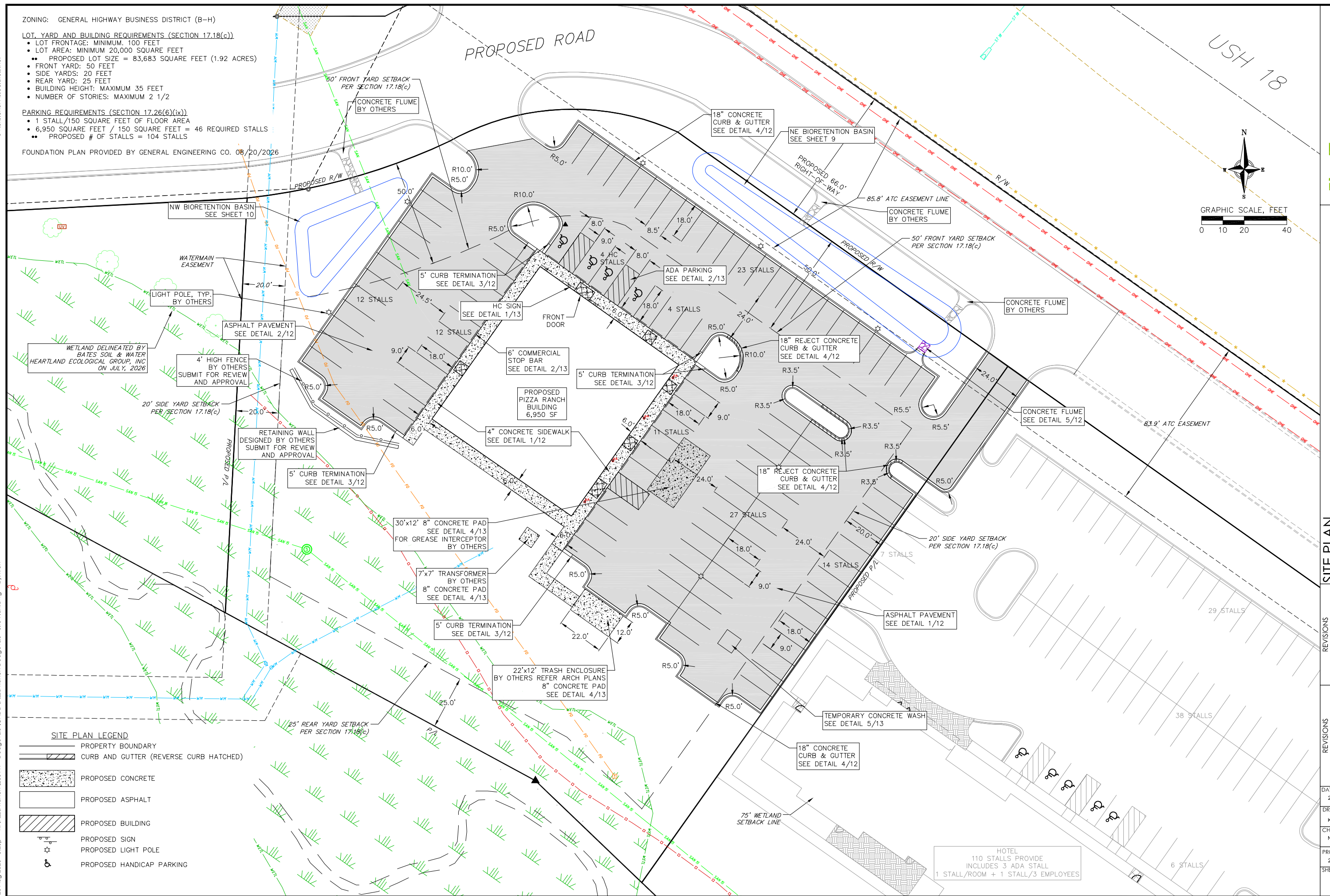
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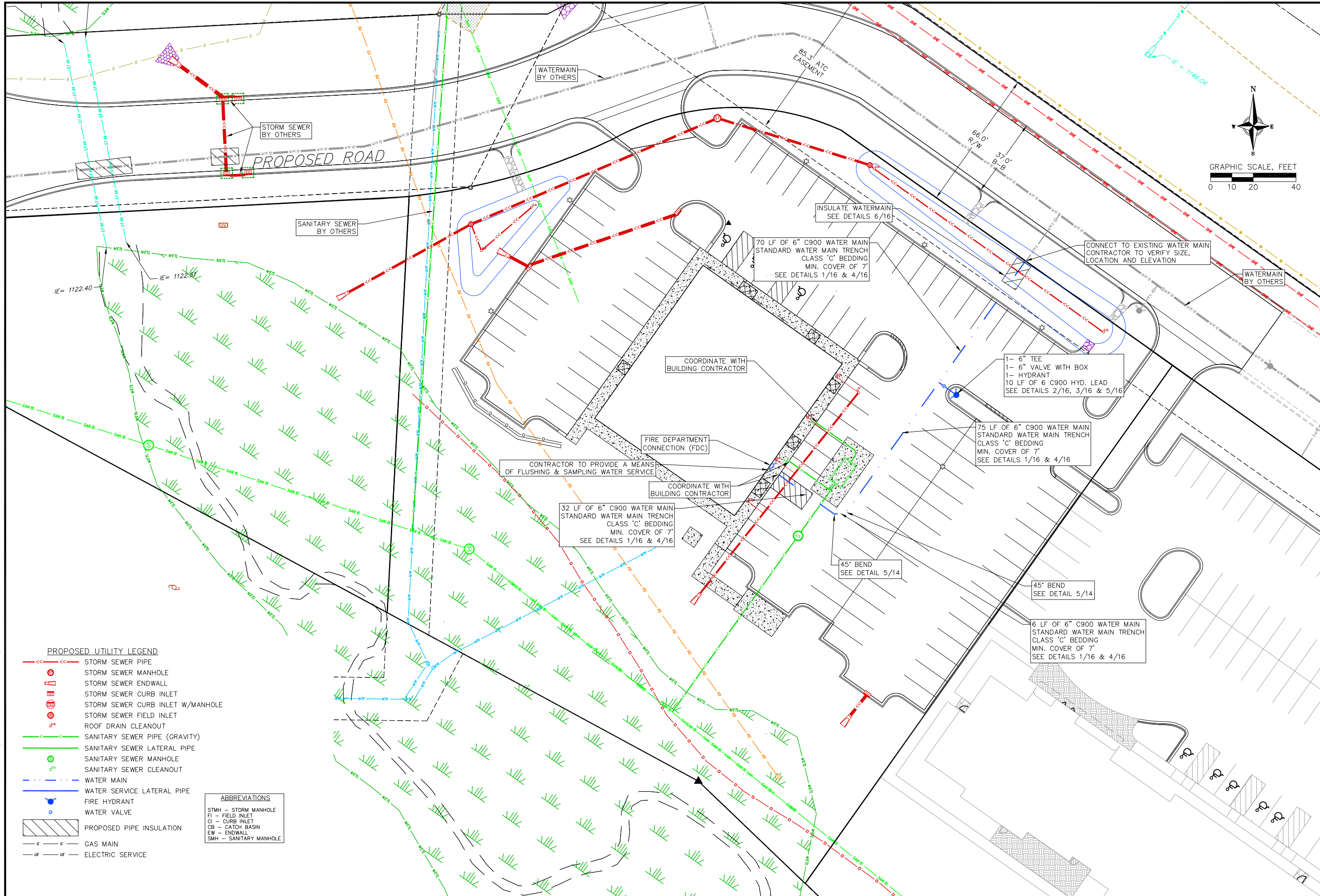


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EXISTING CONDITIONS			
DODGEVILLE PIZZA RANCH			
CITY OF DODGEVILLE			
IOWA COUNTY, WISCONSIN			
REVISIONS		REVISIONS	
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DATE 2026-08-26			
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PROJECT NO. 260119			
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4 OF 17											

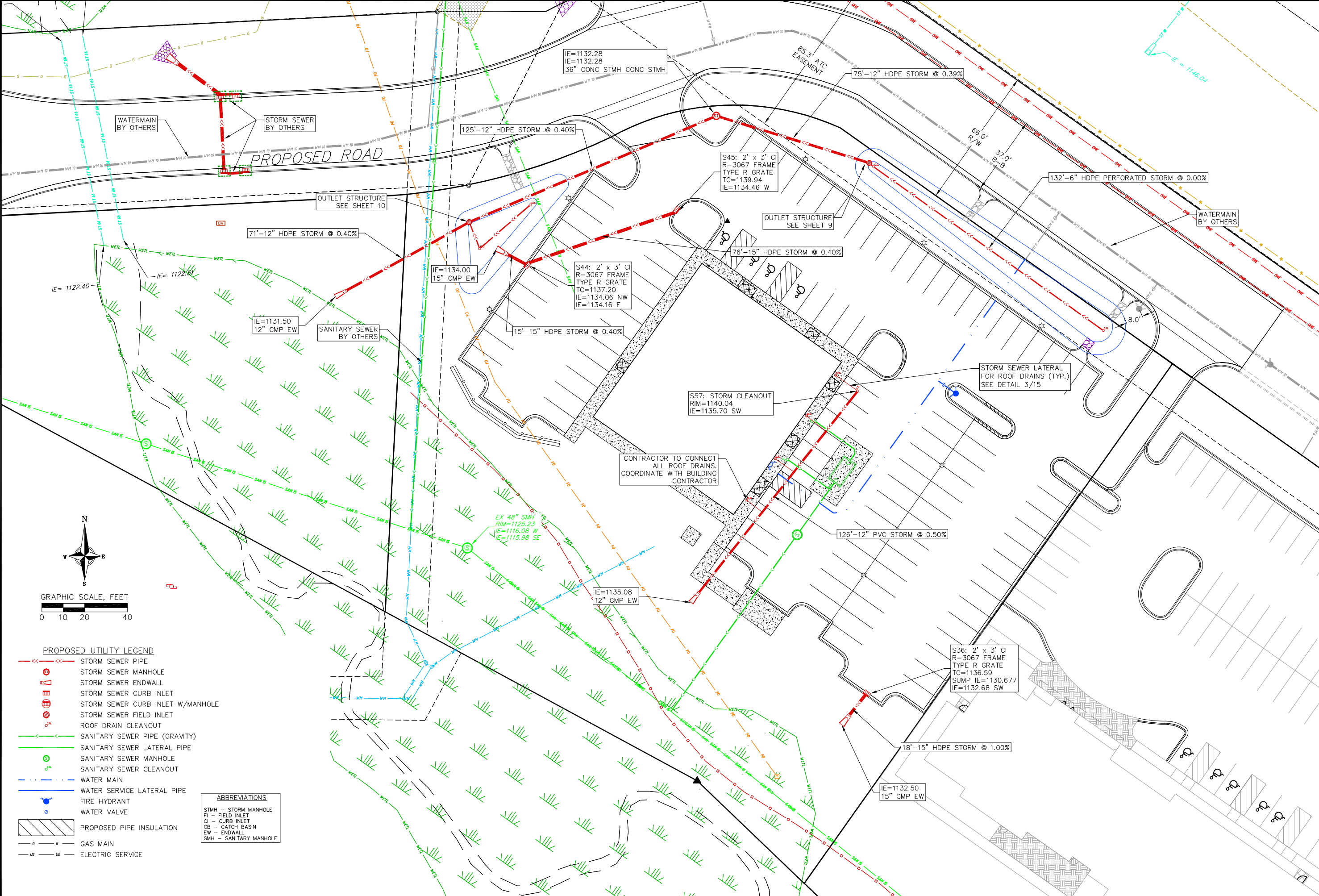




UTILITY PLAN - WATER SYSTEM
DODGEVILLE PIZZA RANCH
CITY OF DODGEVILLE
IOWA COUNTY, WISCONSIN

REVISONS	NO.	DATE	REMARKS
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UTILITY PLAN - STORM SEWER
DODGEVILLE PIZA RANCH
CITY OF DODGEVILLE
IOWA COUNTY, WISCONSIN

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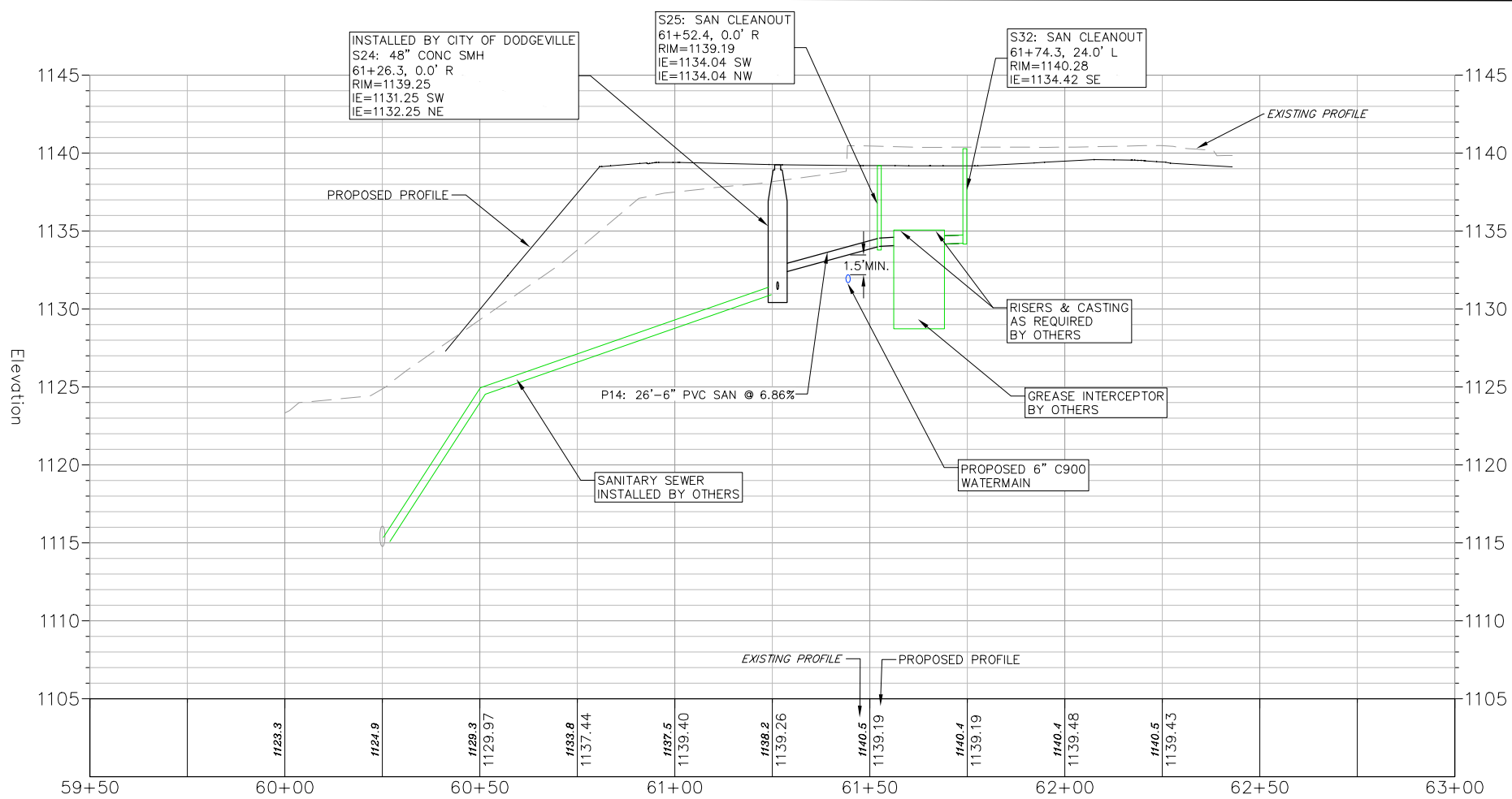
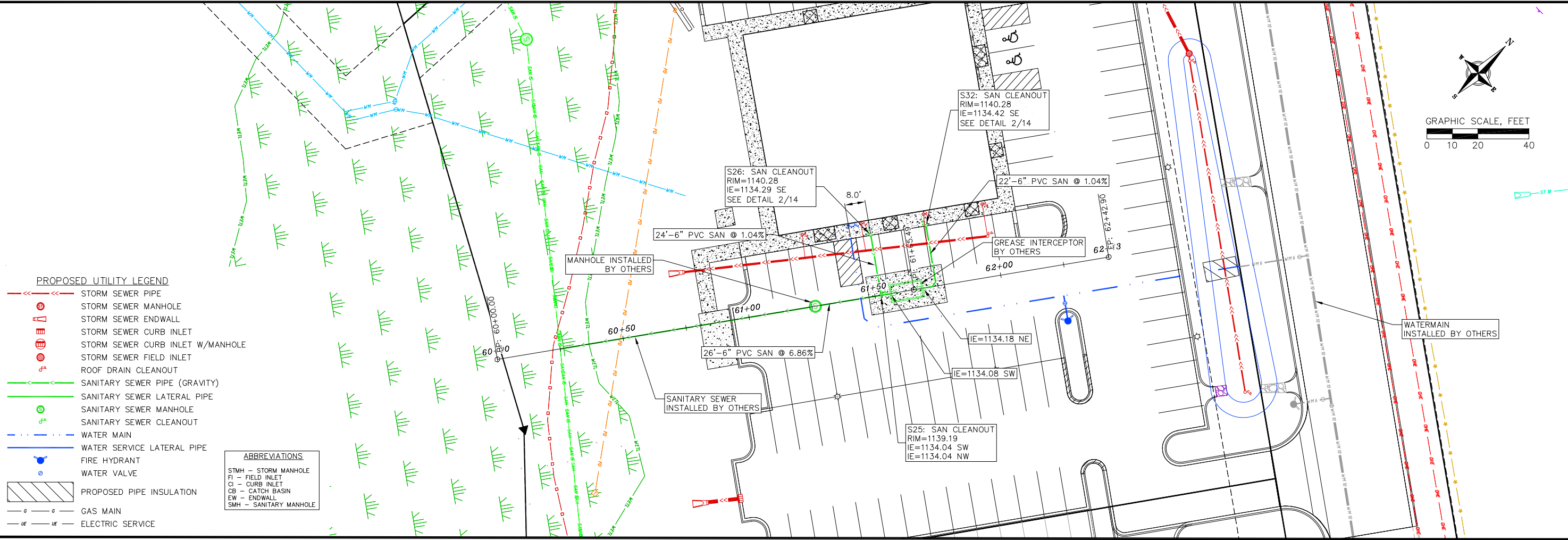
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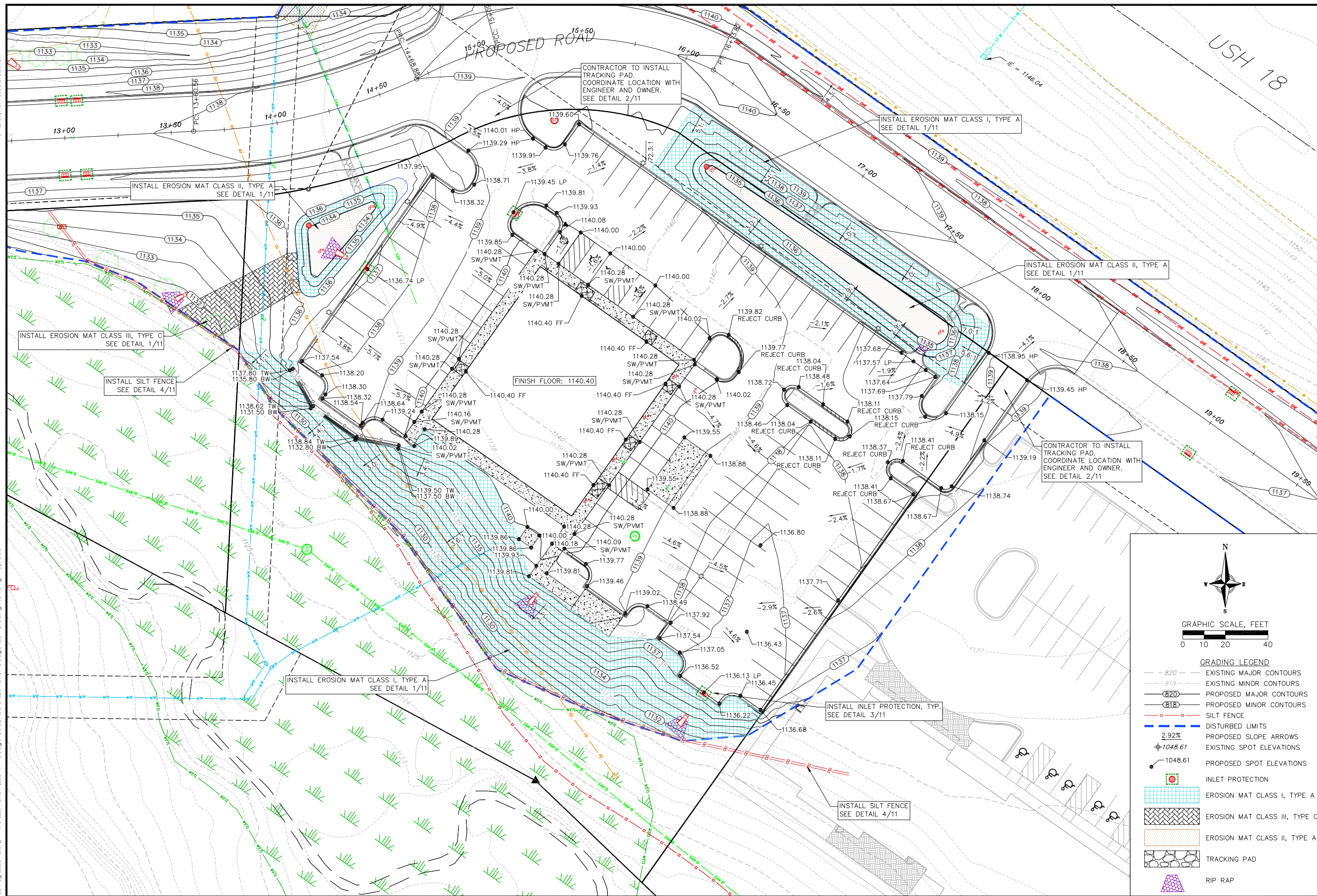
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UTILITY PLAN - SANITARY SEWER

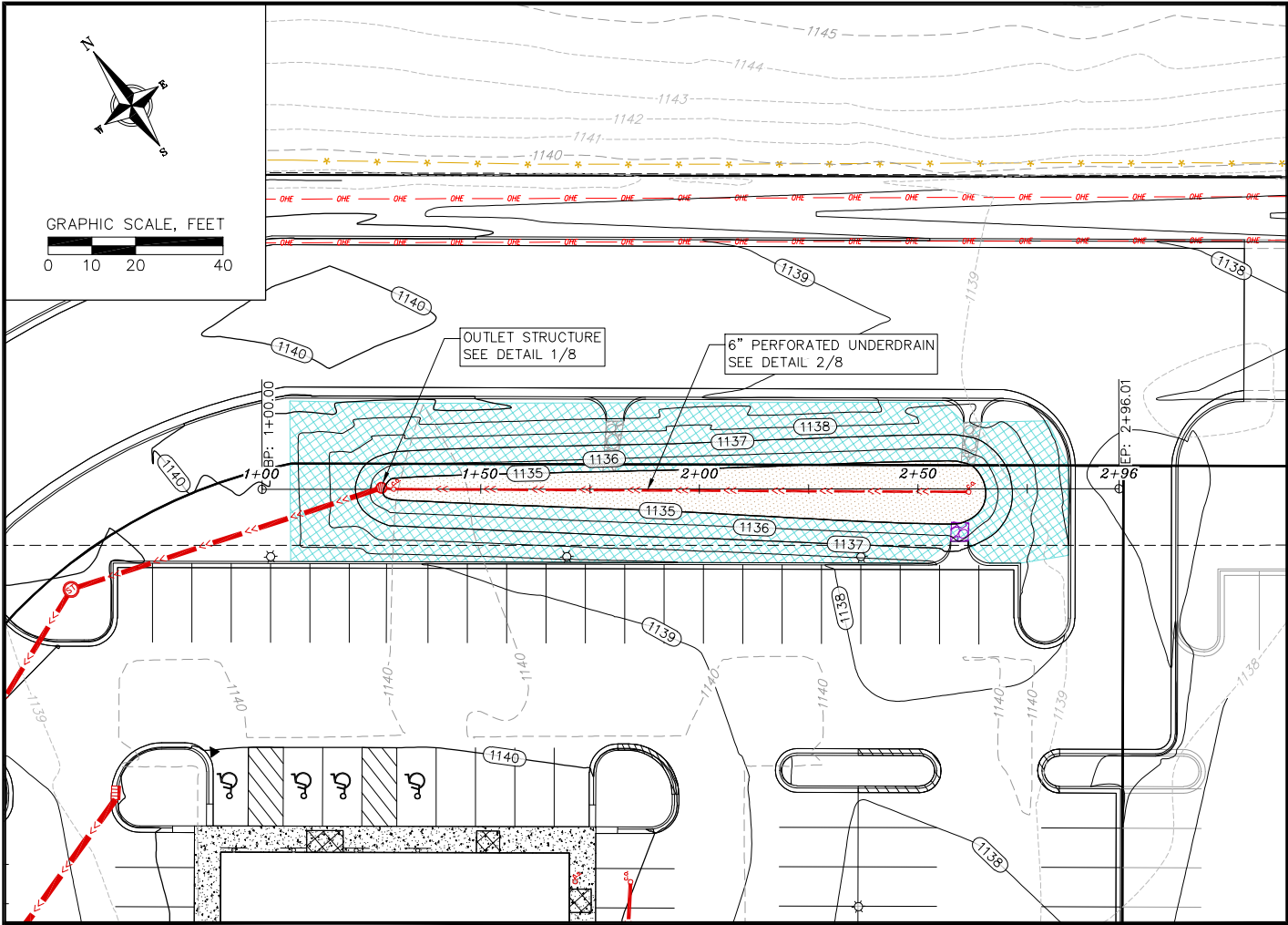
DODGEVILLE PIZA RANCH
CITY OF DODGEVILLE
IOWA COUNTY, WISCONSIN

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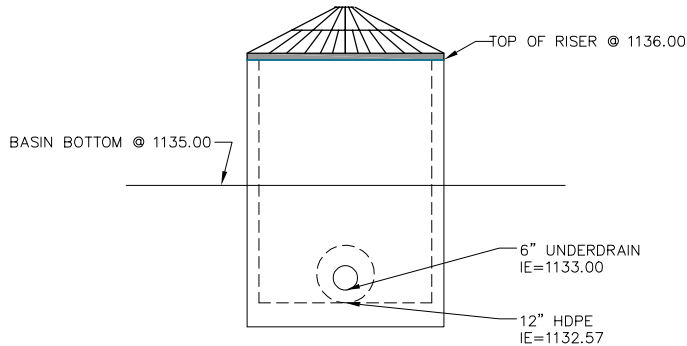


- BIORETENTION AREA SPECIFICATIONS:**
- BIORETENTION AREA MUST CONFORM TO WISCONSIN DNR TECHNICAL STANDARD 1004 (BIORETENTION FOR INFILTRATION).
 - HEAVY EQUIPMENT SHALL NOT BE ALLOWED ON AREA OF INFILTRATION DURING CONSTRUCTION OPERATIONS. INFILTRATION AREA MUST NOT BE CONSTRUCTED (INSTALLED) UNTIL THE SITE IS STABILIZED, I.E. THE GRASS COVER IS WELL ESTABLISHED; OTHERWISE, CONSTRUCTION SITE RUNOFF FROM DISTURBED AREAS SHALL BE DIVERTED AWAY FROM BIORETENTION DEVICE. DO NOT ALLOW SURROUNDING SOILS TO ERODE INTO BASINS ONCE ENGINEERED SOIL AND PLANTINGS HAVE BEEN INSTALLED.
 - SEED THE BIORETENTION AREA WITH TALLGRASS PRAIRIE FOR WET-MESIC SOILS SEED MIX BY AGRECOL OR APPROVED EQUAL.
 - CONTRACTOR IS RESPONSIBLE FOR PREPARING VEGETATION PLAN, ENSURING PLANT ESTABLISHMENT, INITIAL MAINTENANCE (SEE BELOW), AS WELL AS MAINTAINING PROPER INFILTRATION RATES OVER INFILTRATIVE SURFACE (I.E. NO PONDED WATER 24 HOURS AFTER RAIN EVENT) THROUGHOUT WARRANTY PERIOD AND ONE COMPLETE GROWING SEASON, OR UNTIL ACCEPTANCE BY THE OWNER (WHICHEVER IS SOONER). PROVIDE BILL OF SALE FOR PLANT PLUGS INSTALLED.
- RESTORATION AND INITIAL MAINTENANCE NOTES (DURING FIRST GROWING SEASON):**
- NATIVE SEEDING SHALL BE COMPLETED IN THE FALL, AS DORMANT SEEDING PRIOR TO FIRST SNOWFALL, OR IN THE SPRING BETWEEN MAY 1 AND JUNE 20.
 - SEED BASIN SIDE SLOPES AND BOTTOM AREA OUTSIDE OF BIORETENTION AREA WITH SHORT GRASS PRAIRIE SEED MIX FOR MEDIUM SOILS BY AGRECOL OR APPROVED EQUAL.
 - EROSION MAT IN THE BIORETENTION AREA SHALL BE CLASS II, TYPE A AND PLACED ON THE SURFACE OF THE BIORETENTION BASIN. DO NOT USE WOOD CHIPS, UNLESS EROSION MAT IS PLACED OVER TOP TO PREVENT FLOATING.
 - EROSION MAT ON SIDE SLOPES AND OUTSIDE BIORETENTION AREA SHALL BE CLASS I, TYPE A.
 - DO NOT FERTILIZE NATIVE PLANTINGS, UNLESS DIRECTED BY NURSERY.
 - WATER PLANTS AS NECESSARY, DEPENDING ON WEATHER. TREAT DISEASED OR DISTRESSED PLANTS, SPOT TREAT THE AREA WITH HERBICIDE TO REMOVE WEEDS, REMOVE DEBRIS AND LITTER, AND INSPECT AND REPAIR ERODED AREAS, AS NEEDED.
- CONSTRUCTION NOTES (NOT INCLUDING SIDESLOPES):**
- LIMIT CONSTRUCTION TRAFFIC IN EXCAVATION AND USE ONLY TRACKED VEHICLES.
 - EXCAVATE TO FINAL DEPTH DURING DRY WEATHER AND HAVE ALL MATERIALS ON SITE TO COMPLETE CONSTRUCTION PRIOR TO FORECASTED RAIN.
 - PLACE 3" OF SAND AT NATIVE SOIL INTERFACE AND VERTICALLY MIX 2"-4" INTO NATIVE SOIL.
 - PLACE ENGINEERED SOIL IN MAXIMUM 12" LIFTS (OVERFILL BY 2" TO ALLOW FOR SETTLING), COMPRISED OF:
70-85% WASHED SAND
15-30% COMPOST (PER DNR TECHNICAL STANDARD S100)
CONTRACTOR TO PROVIDE ENGINEER WITH LOAD TICKETS OF ALL ENGINEERED SOIL MATERIALS INSTALLED.
 - PLANT PLUGS, EROSION MAT, WATER, AND MAINTAIN AS DIRECTED ABOVE. LEAVE EMERGENCY DRAWDOWN OPEN UNTIL PLANT ESTABLISHMENT.
- LONG-TERM MAINTENANCE OF BIORETENTION AREA:**
- REFER TO DNR TECHNICAL STANDARD 1004

- AGGREGATE STORAGE LAYER:**
SAND OR GRAVEL
- SAND SHALL MEET ONE OF THE FOLLOWING GRADATION REQUIREMENTS:
- USDA COARSE SAND (0.02 - 0.04 INCHES)
 - ASTM C33 (FINE AGGREGATE CONCRETE SAND)
- GRAVEL SHALL MEET:
- 1" CLEAR STONE
 - GRAVEL SHALL BE DOUBLE WASHED.

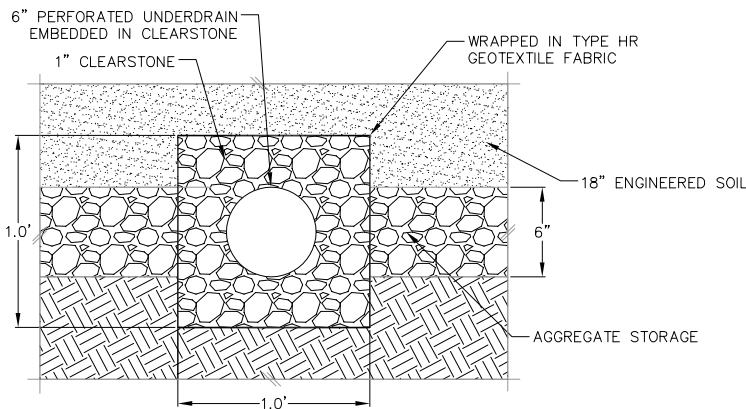
OUTLET STRUCTURES
24" RISER W/ HAALA GRATE (OR OTHER APPROVED BY DESIGN ENGINEER).

*STRUCTURE MAY CHANGE BASED ON SHOP DRAWINGS PROVIDED BY CONTRACTOR



1
8

OUTLET STRUCTURE
NOT TO SCALE



2
8

6" PERFORATED UNDERDRAIN EMBEDDED IN CLEARSTONE
NOT TO SCALE

NE BIORETENTION BASIN
DODGEVILLE PIZZA RANCH
CITY OF DODGEVILLE
IOWA COUNTY, WISCONSIN

REVISIONS		REVISIONS	REMARKS
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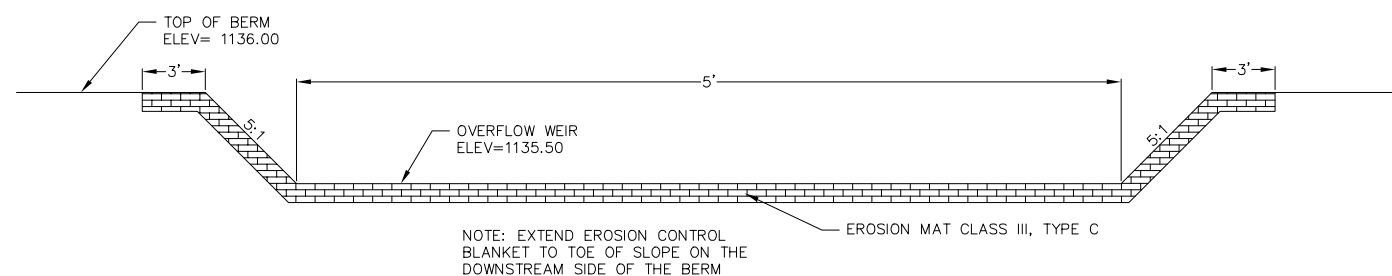
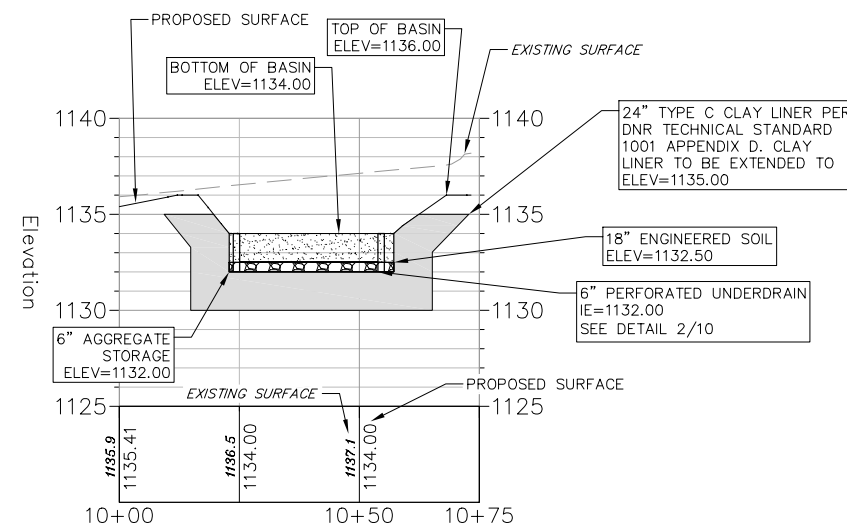
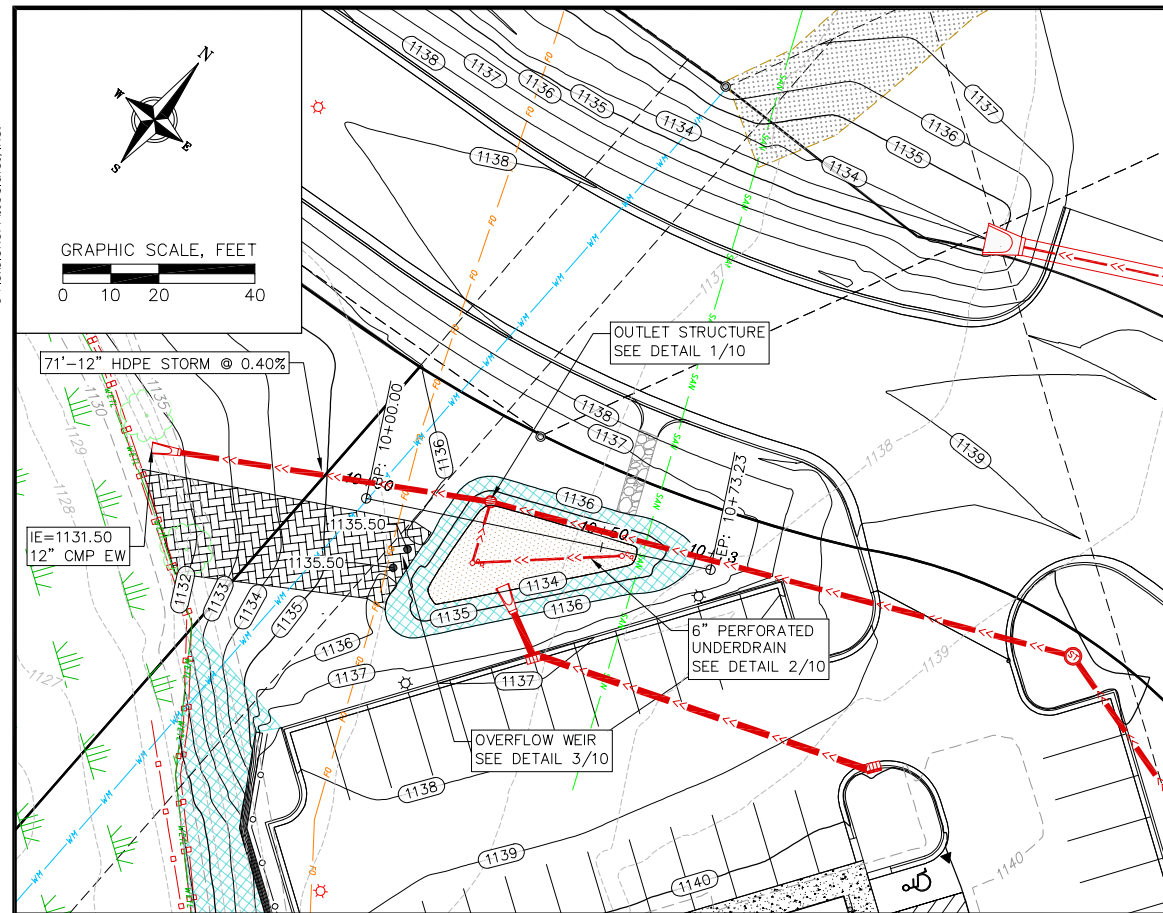
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3 OVERFLOW WEIR
10 NOT TO SCALE

BIORETENTION AREA SPECIFICATIONS:

1. BIORETENTION AREA MUST CONFORM TO WISCONSIN DNR TECHNICAL STANDARD 1004 (BIORETENTION FOR INFILTRATION).
2. HEAVY EQUIPMENT SHALL NOT BE ALLOWED ON AREA OF INFILTRATION DURING CONSTRUCTION OPERATIONS. INFILTRATION AREA MUST NOT BE CONSTRUCTED (INSTALLED) UNTIL THE SITE IS STABILIZED, I.E. THE GRASS COVER IS WELL ESTABLISHED; OTHERWISE, CONSTRUCTION SITE RUNOFF FROM DISTURBED AREAS SHALL BE DIVERTED AWAY FROM BIORETENTION DEVICE. DO NOT ALLOW SURROUNDING SOILS TO ERODE INTO BASINS ONCE ENGINEERED SOIL AND PLANTINGS HAVE BEEN INSTALLED.
3. SEED THE BIORETENTION AREA WITH TALLGRASS PRAIRIE FOR WET-MESIC SOILS SEED MIX BY AGRECOL OR APPROVED EQUAL.
4. CONTRACTOR IS RESPONSIBLE FOR PREPARING VEGETATION PLAN, ENSURING PLANT ESTABLISHMENT, INITIAL MAINTENANCE (SEE BELOW), AS WELL AS MAINTAINING PROPER INFILTRATION RATES OVER INFILTRATIVE SURFACE (I.E. NO PONDED WATER 24 HOURS AFTER RAIN EVENT) THROUGHOUT WARRANTY PERIOD AND ONE COMPLETE GROWING SEASON, OR UNTIL ACCEPTANCE BY THE OWNER (WHICHEVER IS SOONER). PROVIDE BILL OF SALE FOR PLANT PLUGS INSTALLED.

RESTORATION AND INITIAL MAINTENANCE NOTES (DURING FIRST GROWING SEASON):

1. NATIVE SEEDING SHALL BE COMPLETED IN THE FALL, AS DORMANT SEEDING PRIOR TO FIRST SNOWFALL, OR IN THE SPRING BETWEEN MAY 1 AND JUNE 20.
2. SEED BASIN SIDE SLOPES AND BOTTOM AREA OUTSIDE OF BIORETENTION AREA WITH SHORT GRASS PRAIRIE SEED MIX FOR MEDIUM SOILS BY AGGREGOL OR APPROVED EQUAL.
3. EROSION MAT IN THE BIORETENTION AREA SHALL BE CLASS II, TYPE A AND PLACED ON THE SURFACE OF THE BIORETENTION BASIN. DO NOT USE WOOD CHIPS, UNLESS EROSION MAT IS PLACED OVER TOP TO PREVENT FLOATING.
4. EROSION MAT ON SIDE SLOPES AND OUTSIDE BIORETENTION AREA SHALL BE CLASS I, TYPE A.
5. DO NOT FERTILIZE NATIVE PLANTINGS, UNLESS DIRECTED BY NURSERY.
6. WATER PLANTS AS NECESSARY, DEPENDING ON WEATHER. TREAT DISEASED OR DISTRESSED PLANTS, SPOT TREAT THE AREA WITH HERBICIDE TO REMOVE WEEDS, REMOVE DEBRIS AND LITTER, AND INSPECT AND REPAIR ERODED AREAS, AS NEEDED.

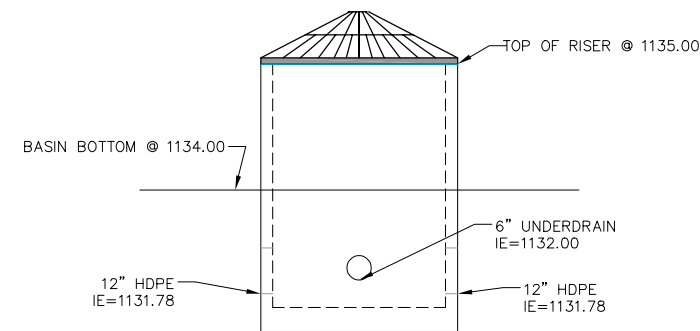
CONSTRUCTION NOTES (NOT INCLUDING SIDESLOPES):

1. LIMIT CONSTRUCTION TRAFFIC IN EXCAVATION AND USE ONLY TRACKED VEHICLES.
2. EXCAVATE TO FINAL DEPTH DURING DRY WEATHER AND HAVE ALL MATERIALS ON SITE TO COMPLETE CONSTRUCTION PRIOR TO FORECASTED RAIN.
3. PLACE 3" OF SAND AT NATIVE SOIL INTERFACE AND VERTICALLY MIX 2"-4" INTO NATIVE SOIL.
4. PLACE ENGINEERED SOIL IN MAXIMUM 12" LIFTS (OVERFILL BY 2" TO ALLOW FOR SETTLING), COMPRISED OF:
70-85% WASHED SAND
15-30% COMPOST (PER DNR TECHNICAL STANDARD S100)
CONTRACTOR TO PROVIDE ENGINEER WITH LOAD TICKETS OF ALL ENGINEERED SOIL MATERIALS INSTALLED.
5. PLANT PLUGS, EROSION MAT, WATER, AND MAINTAIN AS DIRECTED ABOVE. LEAVE EMERGENCY DRAWDOWN OPEN UNTIL PLANT ESTABLISHMENT.

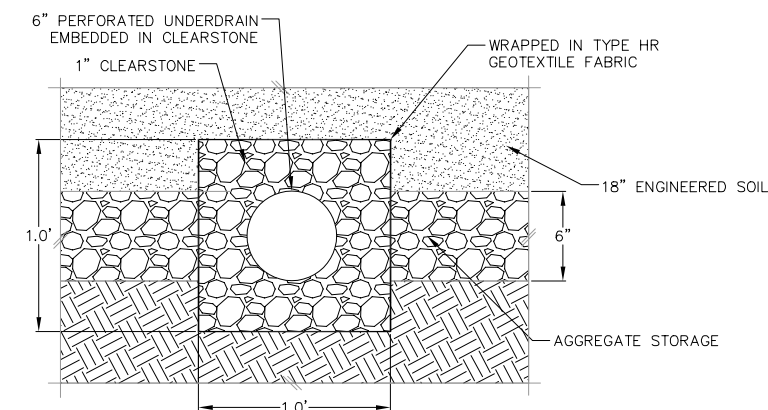
LONG-TERM MAINTENANCE OF BIORETENTION AREA:

1. REFER TO DNR TECHNICAL STANDARD 1004

24" RISER W/	OUTLET STRUCTURES HAALA GRATE (OR OTHER APPROVED BY DESIGN ENGINEER).
*STRUCTURE MAY CHANGE BASED ON SHOP DRAWINGS PROVIDED BY CONTRACTOR	



1 OUTLET STRUCTURE
10 NOT TO SCALE



6" PERFORATED UNDERDRAIN EMBEDDED IN CLEARSTONE
NOT TO SCALE

AGGREGATE STORAGE LAYER:
SAND OR GRAVEL

SAND SHALL MEET ONE OF THE FOLLOWING GRADATION REQUIREMENTS:

1. USDA COARSE SAND (0.02 - 0.04 INCHES)
2. ASTM C33 (FINE AGGREGATE CONCRETE SAND)

GRAVEL SHALL MEET:

1. 1" CLEAR STONE
2. GRAVEL SHALL BE DOUBLE WASHED.

DATE		REMARKS		NO.		DATE		REMARKS	
2026-08-26									
DRAFTER									
KFEN									
CHECKED									
NPFA									
PROJECT NO.									
260119									
SHEET									
10 OF 17									

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by: kfen

R:\Piza Ranch\260119 - Dodgeville\CADD\Piza Ranch Dodgeville - Title and Details - Piza Ranch.dwg 26 Aug 2026 - 5:11p

EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF DODGEVILLE EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (<http://dnr.wi.gov/runoff/stormwater/techstds.htm>) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25- FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
11. SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE CITY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
13. USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION (DO NOT USE INFILTRATION AREAS). AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
14. TERRACES & LOTA SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH.
15. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
16. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
17. EROSION MAT (TYPE 1 CLASS A URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.
18. EROSION MAT (TYPE I, CLASS B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF ROADSIDE DITCHES/SWALES AS SHOWN ON THIS PLAN, 1 ROLL WIDTH.
19. SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
20. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
21. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
22. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
23. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
24. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
25. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY IOWA COUNTY LAND CONSERVATION OR PERMITTING MUNICIPALITY.
26. THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

SEEDING RATES:

TEMPORARY:

1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 15.

PERMANENT:

1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

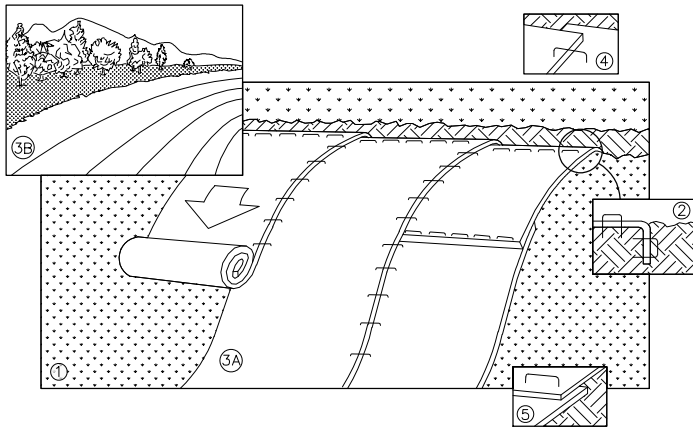
TEMPORARY AND PERMANENT:

USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

TEMPORARY AND PERMANENT:

USE ½" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

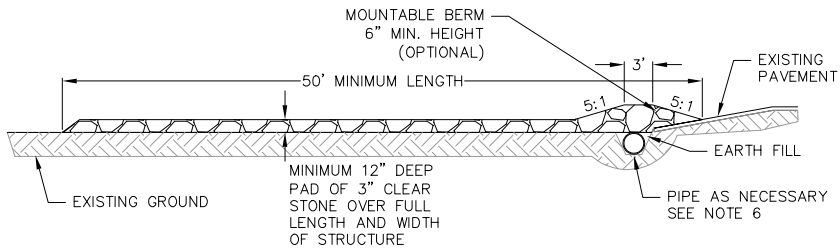


CONSTRUCTION SEQUENCE OF WORK

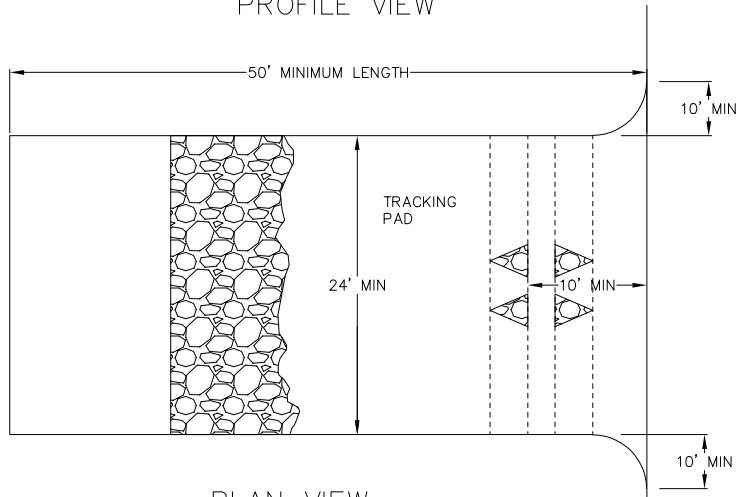
1. INSTALL TRACKING PAD PER DETAIL AT ALL ENTRANCES TO SITE
2. INSTALL SILT FENCE AT AREAS WHERE STORMWATER RUNOFF IS POSSIBLE
3. CONSTRUCT UNDERGROUND UTILITIES
4. CONSTRUCT STREET
5. RESTORE WORK AREA(S)
6. AFTER CONSTRUCTION SITE IS RESTORED AND ESTABLISHED REMOVE EROSION CONTROL

1 EROSION MAT

11 NOT TO SCALE



PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
2. LENGTH - MINIMUM OF 50'.
3. WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
4. ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRICSHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.

5. STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
7. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

2 TRACKING PAD

11 NOT TO SCALE

ALL EROSION MAT WILL BE DOT CLASS I, TYPE A W/ SEED AND FERTILIZER (BIODEGRADABLE). ALL STAPLES AND EROSION MAT MUST BE BIODEGRADABLE.

NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

BAG TO BE CONSTRUCTED USING GEOTEXTILE FABRIC, WisDOT TYPE FF.

DIMENSIONS OF TOP OPENING OF BAG TO MATCH INLET GRATE.

FRONT, BACK AND BOTTOM PANEL TO BE MADE FROM SINGLE PIECE OF FABRIC (NO SEAMS).

FLAP POCKET TO BE FITTED WITH REBAR OR STEEL ROD FOR REMOVAL. IF USED WITH CURB BOX, FLAP POCKETS TO BE FITTED WITH WOOD 2" x 4", EXTENDED 10" BEYOND GRATE WIDTH AND SECURED TO GRATE WITH TIES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

4" x 6" OVAL HOLE CUT INTO ALL FOUR SIDE PANELS. HOLES TO BE POSITIONED MIN. 8" BELOW INLET GRATE AND MIN. 12" ABOVE BOTTOM PANEL.

DOUBLE STITCHED SEAMS AROUND SIDE PANELS AND AT FLAP POCKETS.

BOTTOM DIMENSION = 12"

INSTALLED BAG SHALL HAVE A MIN. SIDE CLEARANCE OF 3" FROM THE INLET WALLS, MEASURED AT THE HOLES. IF NECESSARY, CONTRACTOR SHALL CINCH THE BAG (MAX. 4" FROM BAG BOTTOM) TO ACHIEVE CLEARANCE.

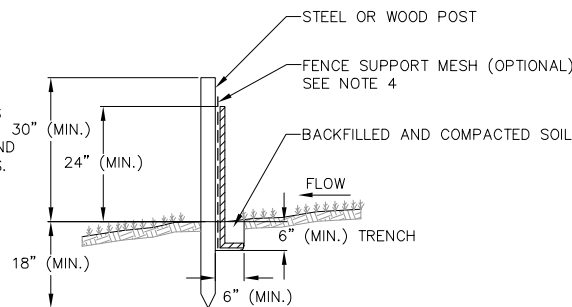
INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

IF INLET DEPTH FROM TOP OF GRATE TO BOTTOM OF INLET IS LESS THAN 30", CONTRACTOR SHALL SUBSTITUTE WisDOT TYPE C INLET PROTECTION.

3 INLET PROTECTION TYPE D

11 NOT TO SCALE



NOTES:

1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)

POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

4 SILT FENCE

11 NOT TO SCALE

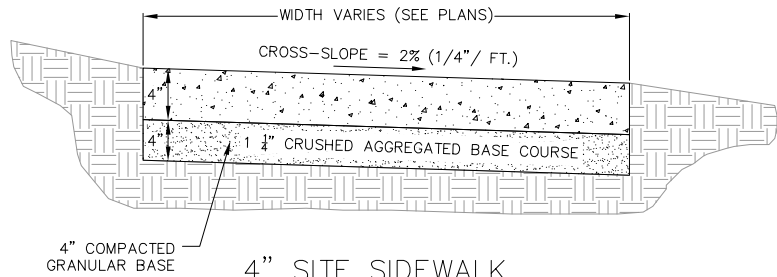
DETAILS - EROSION CONTROL

DODGEVILLE PIZA RANCH

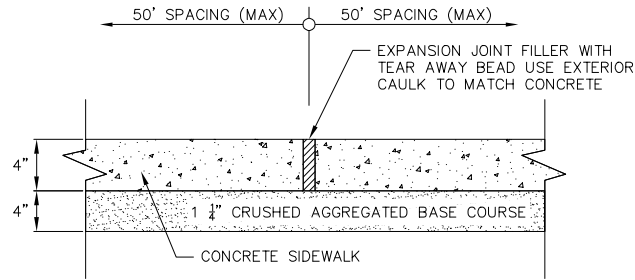
CITY OF DODGEVILLE

IOWA COUNTY, WISCONSIN

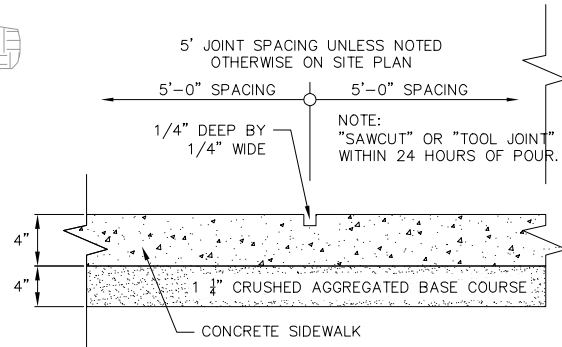
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4" SITE SIDEWALK

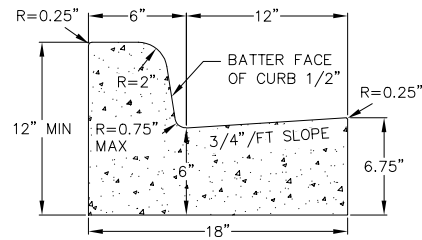


SIDEWALK EXPANSION JOINT

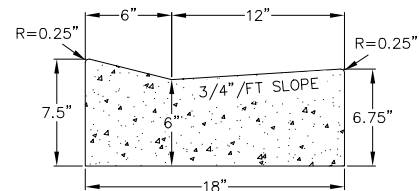


SIDEWALK CONTROL JOINT

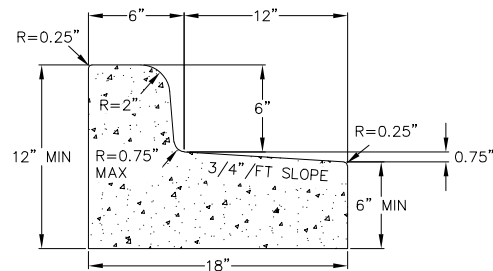
1 4" THICK CONCRETE SIDEWALK
12 NOT TO SCALE



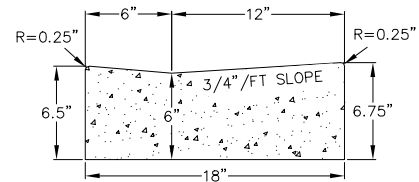
CURB AND GUTTER CROSS SECTION



DRIVEWAY GUTTER CROSS SECTION

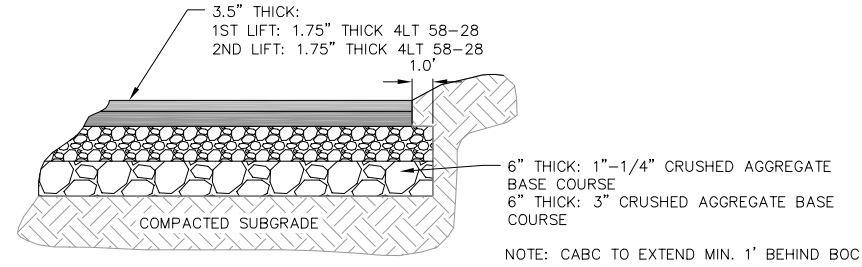


CURB AND GUTTER REJECT SECTION

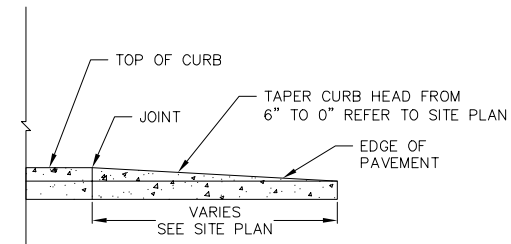


HANDICAP RAMP GUTTER CROSS SECTION

4 18" CONCRETE CURB AND GUTTER
12 NOT TO SCALE

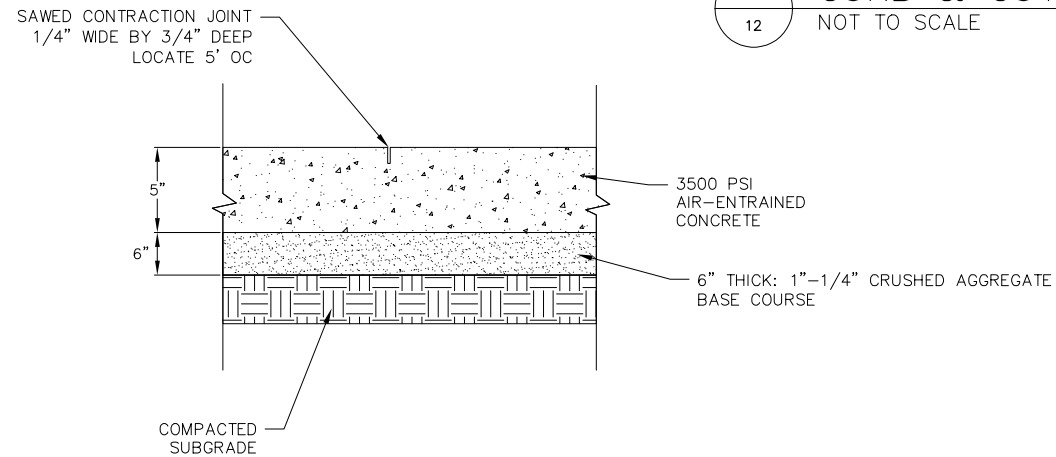


2 SITE ASPHALT PAVEMENT SECTION
12 NOT TO SCALE

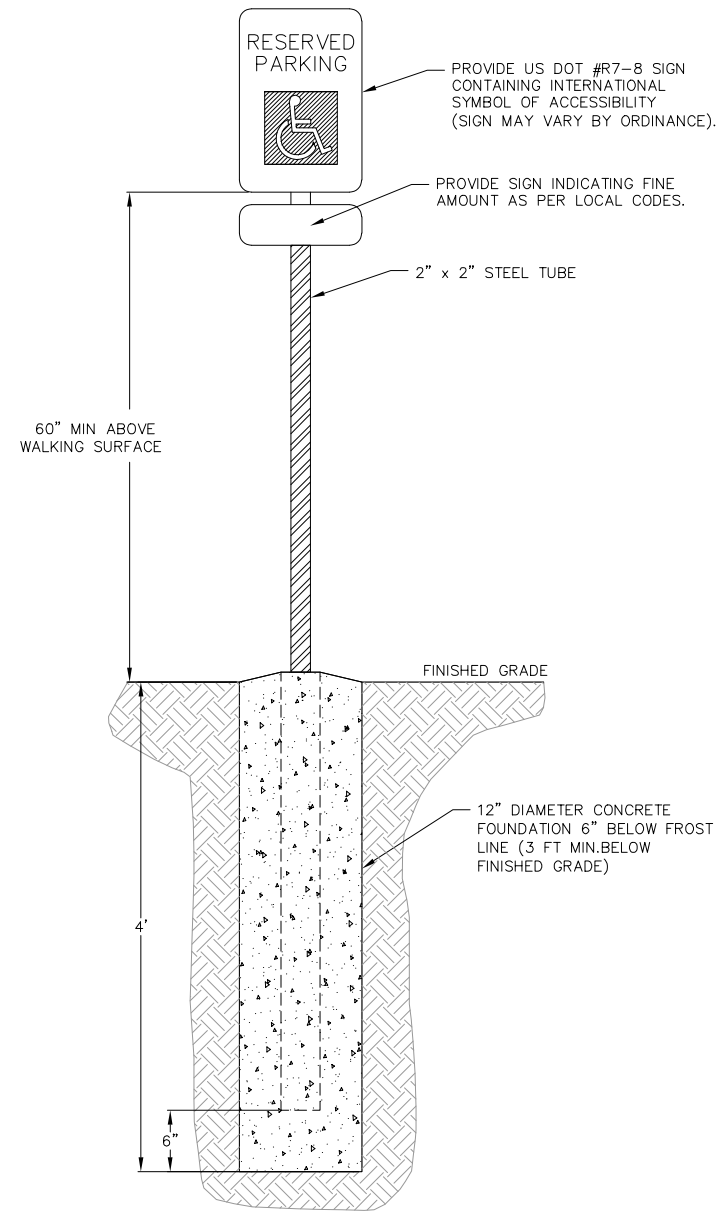


PROFILE VIEW

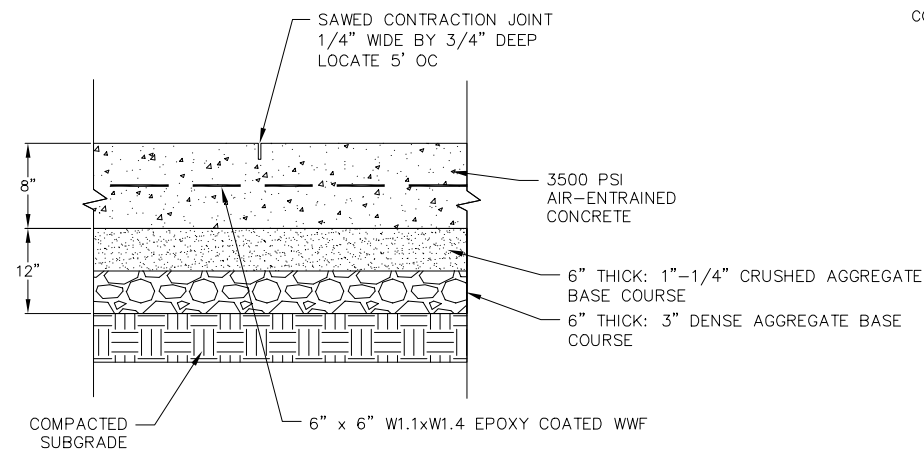
3 CURB & GUTTER TERMINATION
12 NOT TO SCALE



5 5" CONCRETE
12 NOT TO SCALE

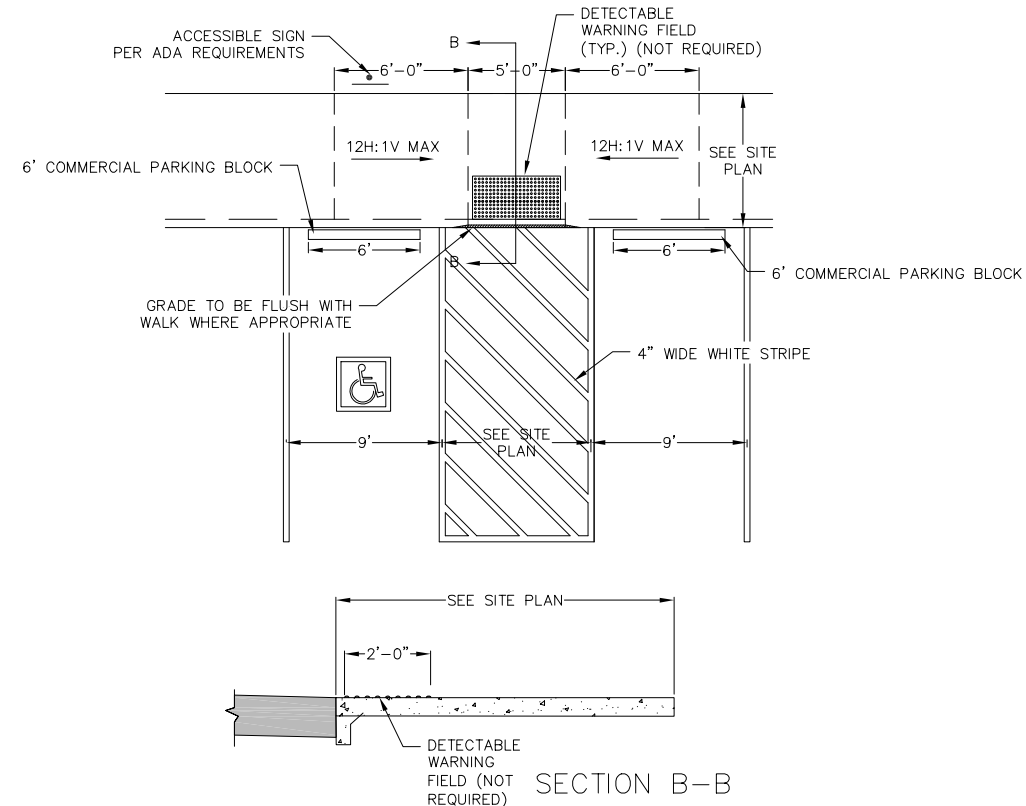


1 13 HANDICAP SIGN DETAIL --- NOT TO SCALE



4
13

8" CONCRETE
NOT TO SCALE



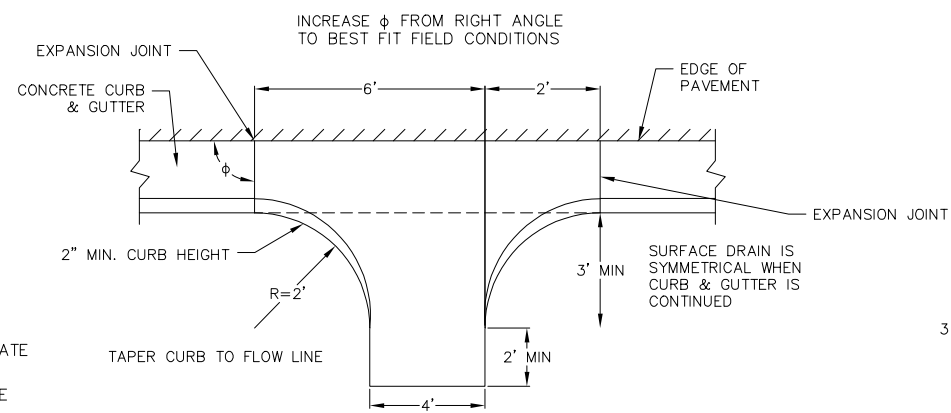
WARNING
FIELD (NOT
REQUIRED)

SECTION B-B

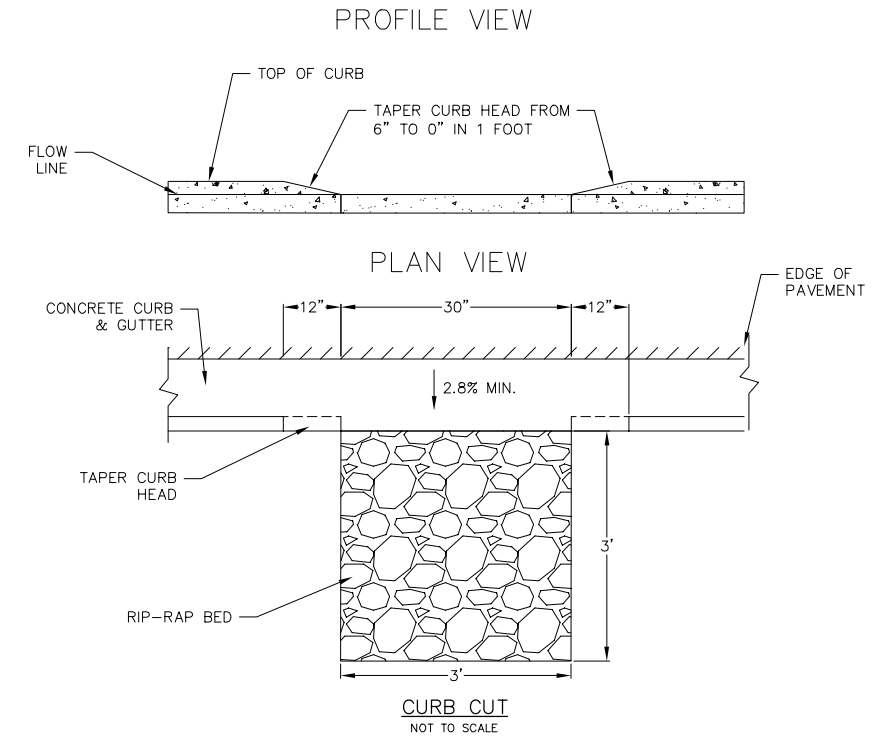
2
13

ADA PARKING CURB RAMP

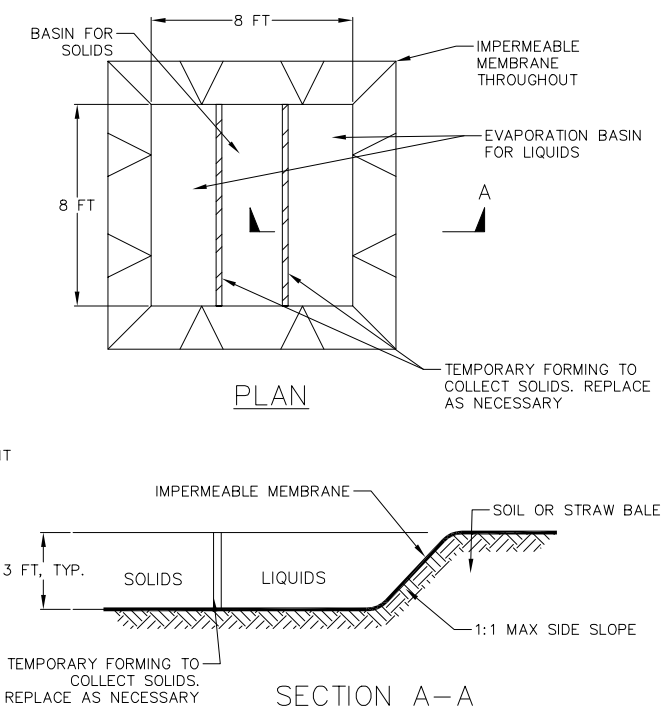
NOT TO SCALE



5 CONCRETE FLUME
13 NOT TO SCALE



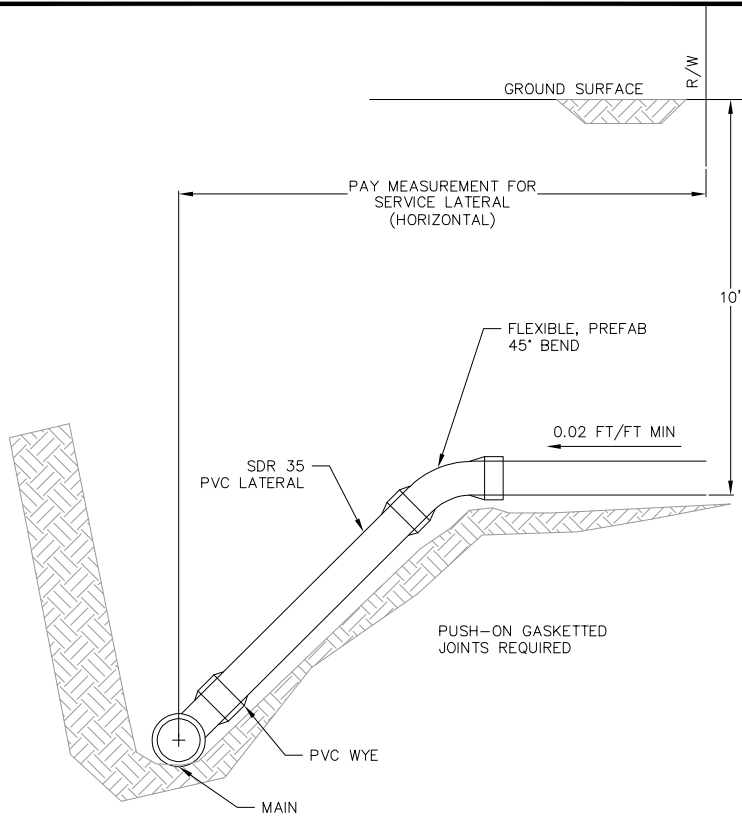
3 CURB CUT
13 NOT TO SCALE



5 TEMPORARY CONCRETE WASHOUT
13 NOT TO SCALE

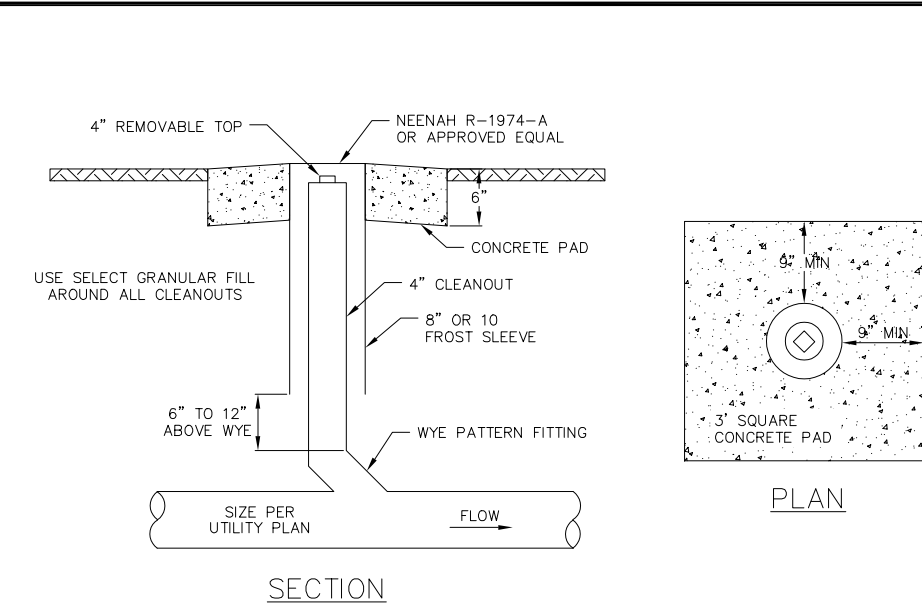
CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
3. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

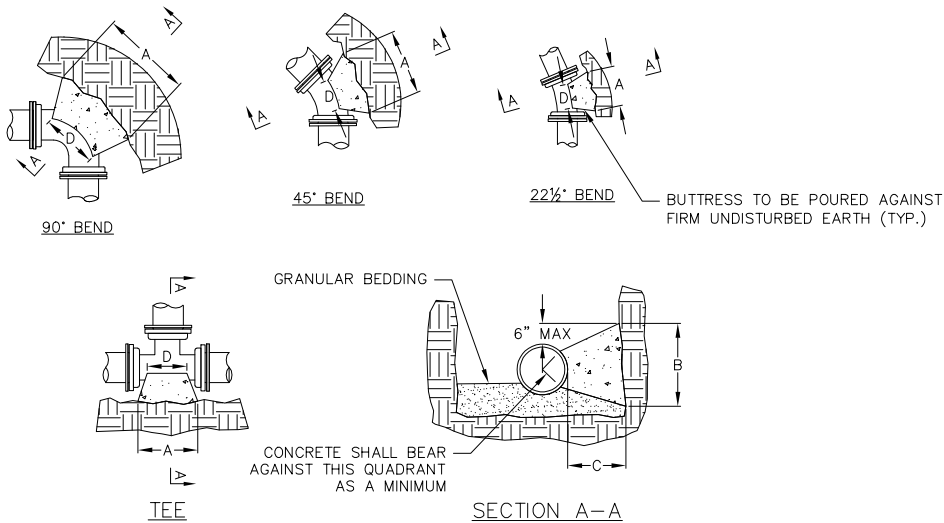


NOTE:
UNLESS OTHERWISE STATED BY THE ENGINEER OR REQUIRED BY THE LOCAL GOVERNING BODY, ALL LATERALS SHALL BE INSTALLED TO A POINT 10 FEET BEYOND THE BACK OF ANY PROPOSED SIDEWALK OR 5 FEET BEYOND THE LIMITS OF ANY UTILITY EASEMENTS IMMEDIATELY ADJACENT TO THE RIGHT-OF-WAY, WHICHEVER IS GREATER. CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE LENGTH OF LATERAL REQUIRED FOR INSTALLATION AND THE REQUIRED TERMINATION POINT.

1
14
SANITARY SEWER LATERAL
NOT TO SCALE



2
14
SANITARY CLEANOUT
NOT TO SCALE



DIMENSION "D" SHALL BE AS LARGE AS POSSIBLE, BUT THE CONCRETE SHALL NOT INTERFERE WITH THE MECHANICAL JOINTS.

DIMENSION "C" SHALL BE AT LEAST 6 INCHES, AND LARGE ENOUGH TO MAKE THE "Q" ANGLE EQUAL TO OR GREATER THAN 45 DEGREES WITH THE DIMENSION "A" AS SHOWN ON THE TABLE, OR GREATER, AND WITH DIMENSION "D" AS LARGE AS POSSIBLE.

BUTTRESS DIMENSIONS											
PIPE SIZE	TEES		11.25° BEND		22.5° BEND		45° BEND		90° BEND		
	A	B	A	B	A	B	A	B	A	B	
4	0'-10"	1'-6"	0'-5"	0'-8"	0'-6"	1'-1"	0'-10"	1'-3"	1'-6"	1'-4"	
6	1'-6"	1'-8"	0'-6"	1'-2"	0'-9"	1'-6"	1'-4"	1'-8"	2'-2"	1'-10"	
8	1'-9"	2'-4"	0'-9"	1'-3"	1'-0"	2'-0"	1'-11"	2'-0"	3'-0"	2'-4"	
10	1'-9"	2'-4"	0'-9"	1'-3"	1'-0"	2'-0"	1'-11"	2'-0"	3'-0"	2'-4"	
12	2'-3"	1'-7"	1'-0"	1'-4"	2'-4"	1'-1"	2'-6"	2'-6"	3'-7"	2'-8"	
16	3'-8"	2'-10"	1'-2"	2'-0"	2'-10"	1'-6"	3'-0"	3'-0"	5'-6"	3'-0"	
20	5'-0"	3'-10"	1'-5"	2'-6"	1'-11"	3'-9"	3'-9"	3'-9"	6'-9"	3'-9"	
24	5'-4"	4'-8"	1'-8"	3'-0"	2'-4"	4'-3"	4'-7"	4'-3"	8'-4"	4'-4"	

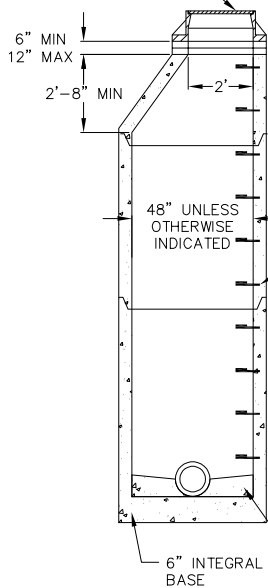
DIMENSIONS IN THE TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND SOIL RESISTANCE OF 2000 LBS/SQ FT

* = FOR TEE THIS WILL BE THE BRANCH PIPE

CONCRETE SHALL BE CLASS "F"

5
14
BUTTRESS FOR BENDS
NOT TO SCALE

MANHOLE CASTING: NEENAH R-1550 W/ TYPE "B" LID. SELF SEALING FOR SANITARY, NON-ROCKING FOR STORM.



ADJUST FRAME WITH A MINIMUM OF 2 ADJUSTING RINGS. EXTERNAL CHIMNEY SEALS ARE REQUIRED.

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM C478. JOINTS SHALL BE WATERTIGHT: RUBBER GASKETS OR FLEXIBLE BUTYL RUBBER GASKETS/ROPE.

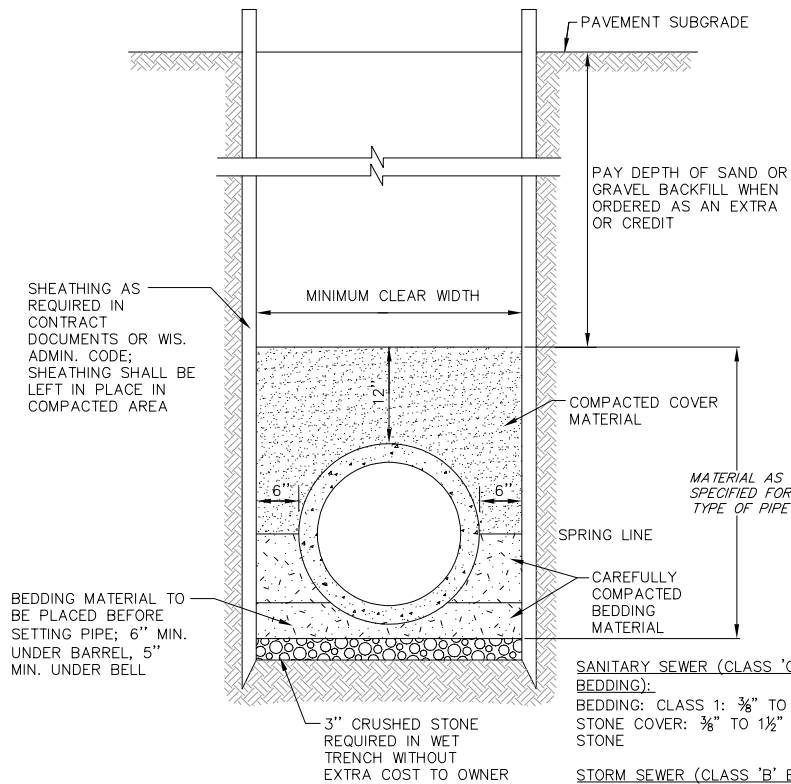
INSTALLED STEPS SHALL WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3-1/2" AND CENTERED ON THE RUNG. STEPS SHALL BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DISTANCE OF 16" ON CENTER.

STEPS SHALL BE GRAY CAST IRON OR FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.

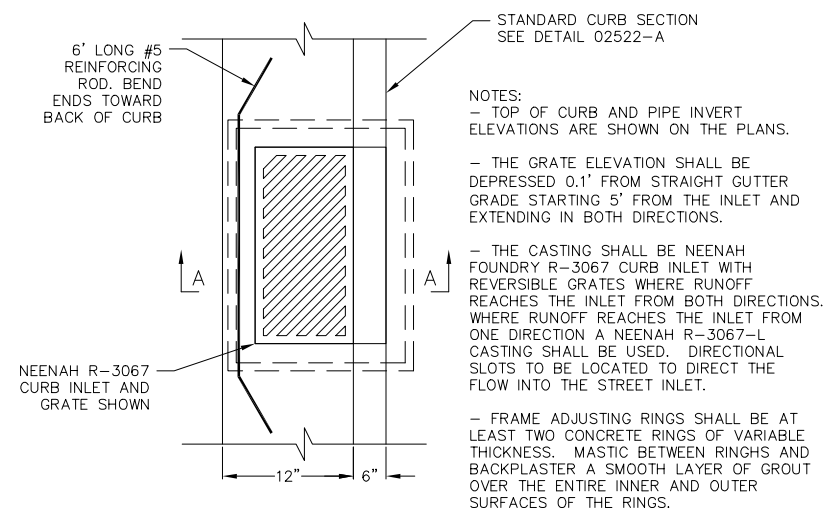
PROVIDE FLEXIBLE WATERTIGHT PIPE-TO-MANHOLE SEAL FOR ALL FLEXIBLE SEWER CONNECTIONS. FILL SPACE BETWEEN PIPE AND MANHOLE BARREL WITH GROUT. LIFT HOLES SHALL BE FILLED WITH NON-SHRINK GROUT.

BENCH SLOPE"
STORM MANHOLE - 1" PER FOOT
SANITARY MANHOLE - 2" PER FOOT

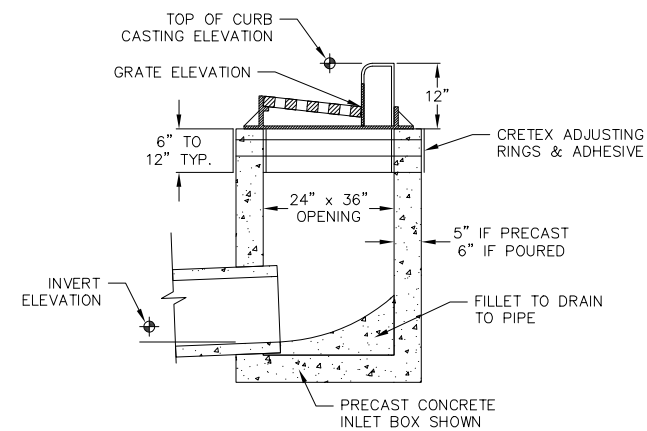
3
14
PRECAST CONCRETE MANHOLE
NOT TO SCALE



4
14
STANDARD TRENCH SECTION
NOT TO SCALE

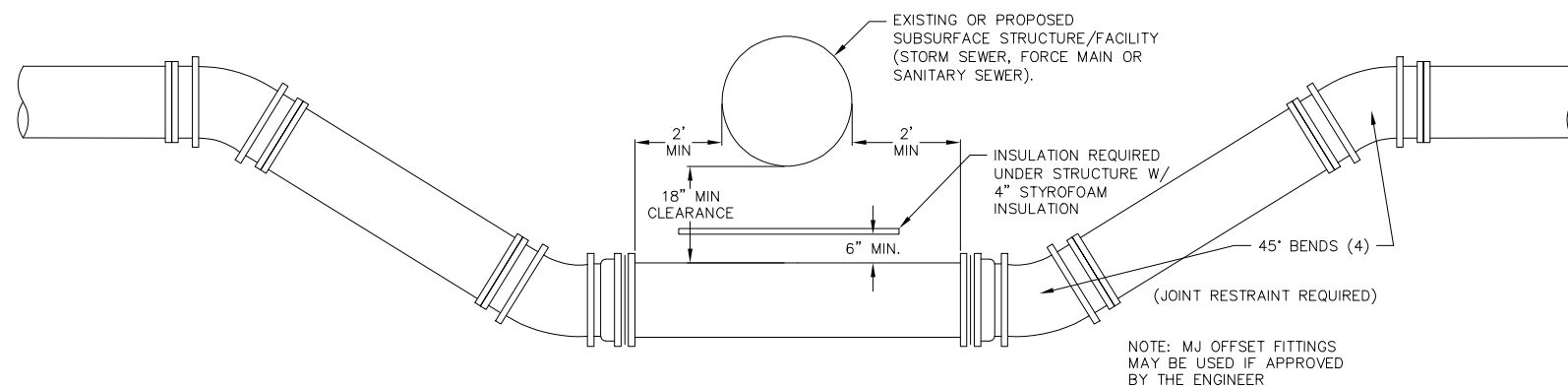


PLAN VIEW



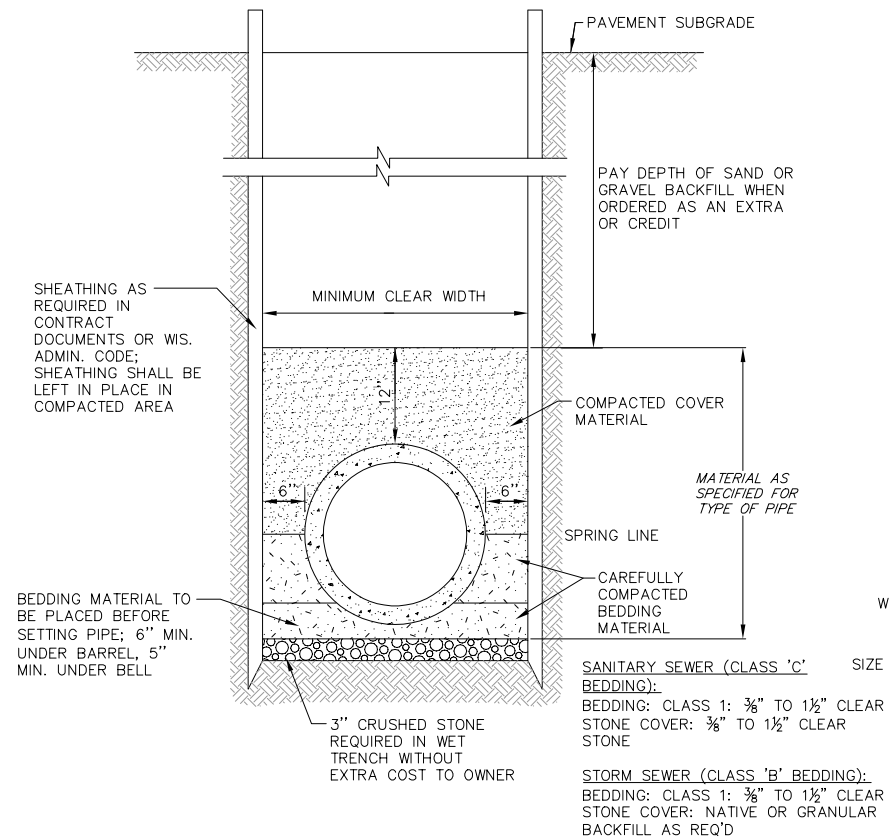
SECTION A-A

1 RECTANGULAR STREET INLET
15 NOT TO SCALE

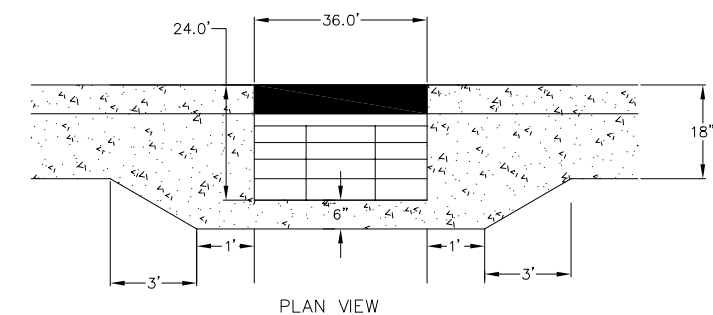
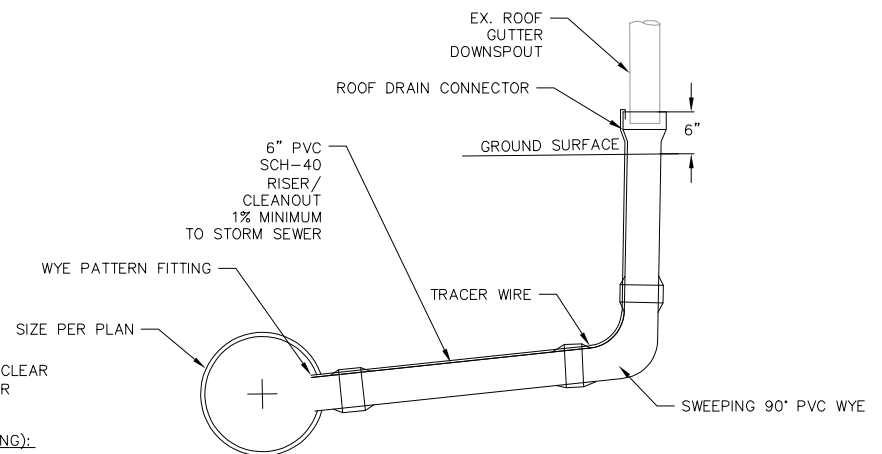


4 LOWERING WATERMAIN UNDER SANITARY SEWER
15 NOT TO SCALE

2 STANDARD TRENCH SECTION
15 NOT TO SCALE



3 DOWN SPOUT CONNECTION
15 NOT TO SCALE



CROSS SECTION

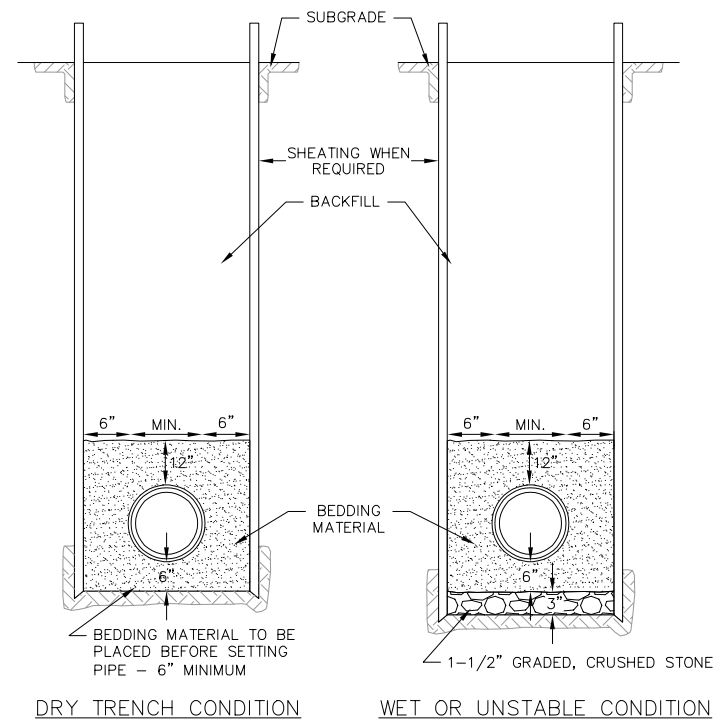
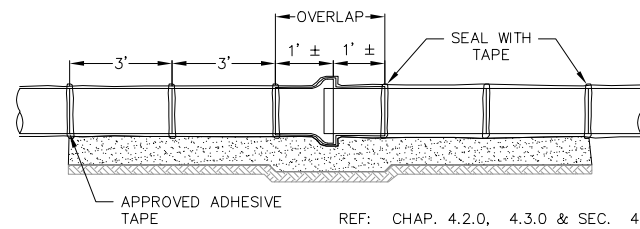
NOTES:
TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

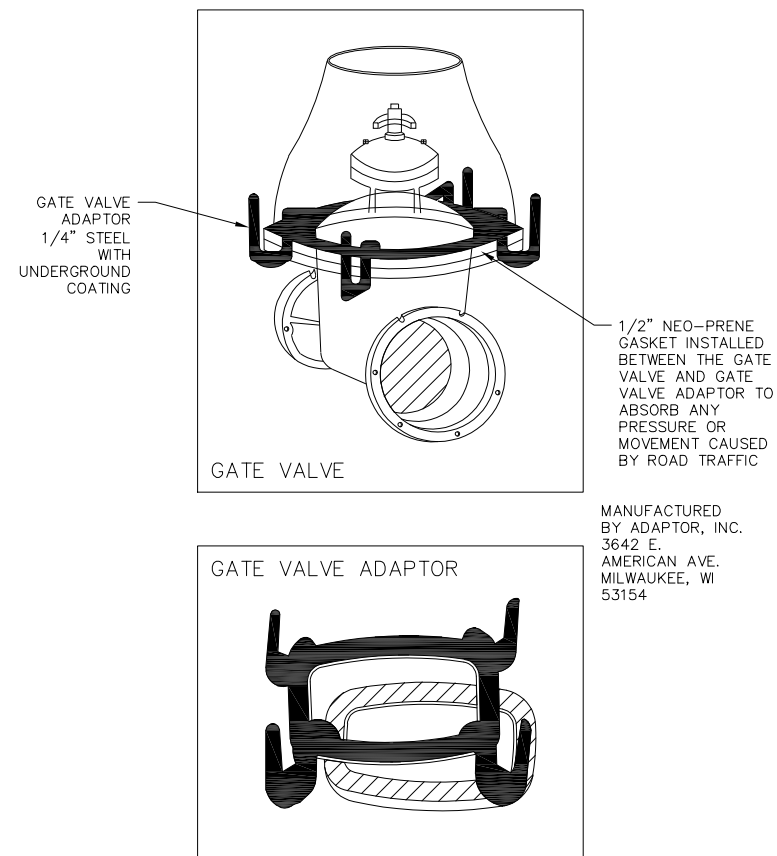
THE CASTING SHALL BE NEENAH FOUNDRY R-3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE INLET.

5 CURB DETAIL AT INLET
15 NOT TO SCALE

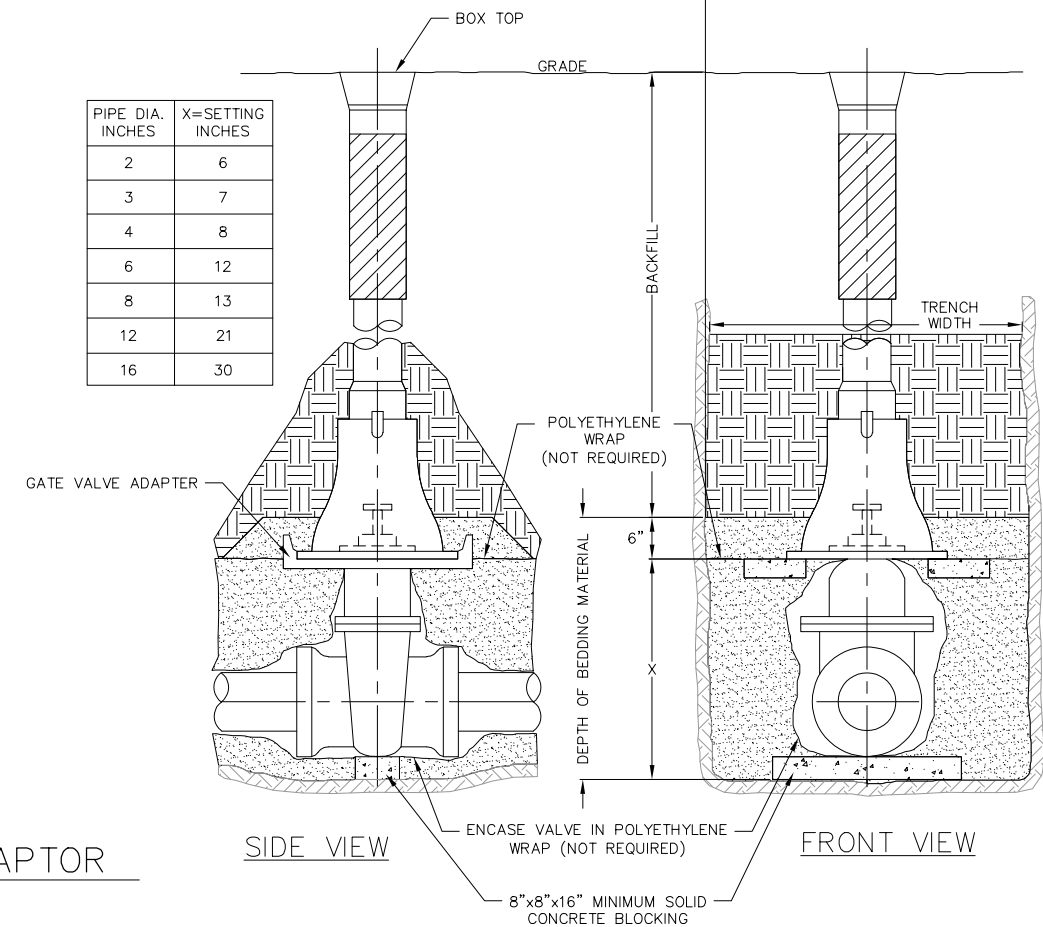
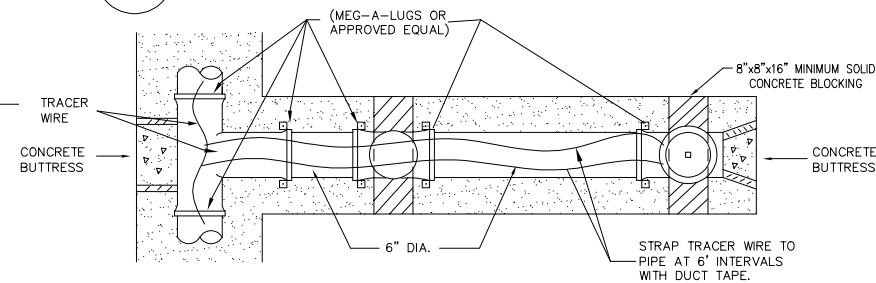
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DRY TRENCH CONDITIONWET OR UNSTABLE CONDITION

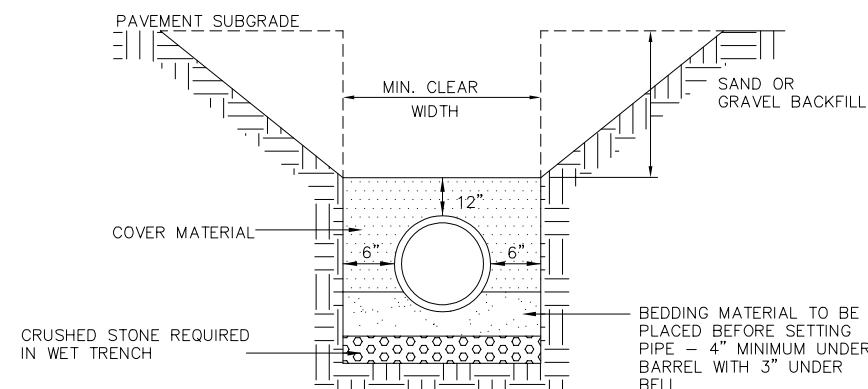
1 STANDARD WATERMAIN TRENCH SECTION
16 NOT TO SCALE



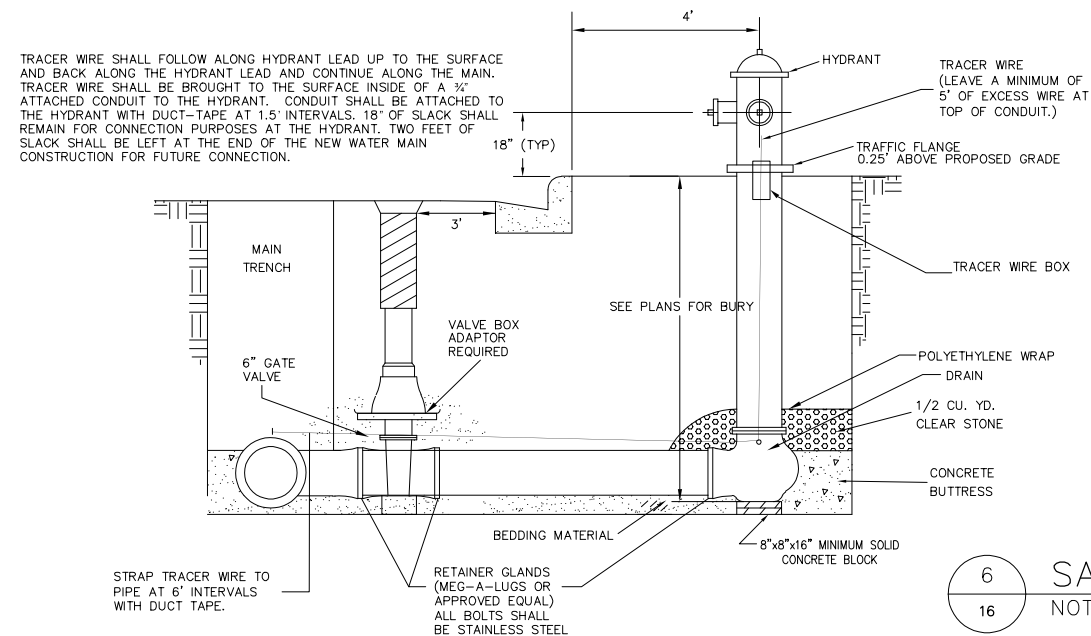
2 GATE VALVE AND GATE VALVE ADAPTOR
16 NOT TO SCALE



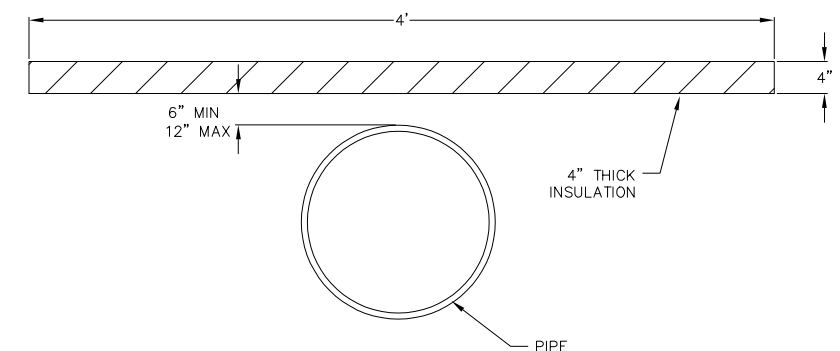
3 STANDARD GATE VALVE BOX SETTING
16 NOT TO SCALE



4 CLASS 'C' BEDDING
16 NOT TO SCALE



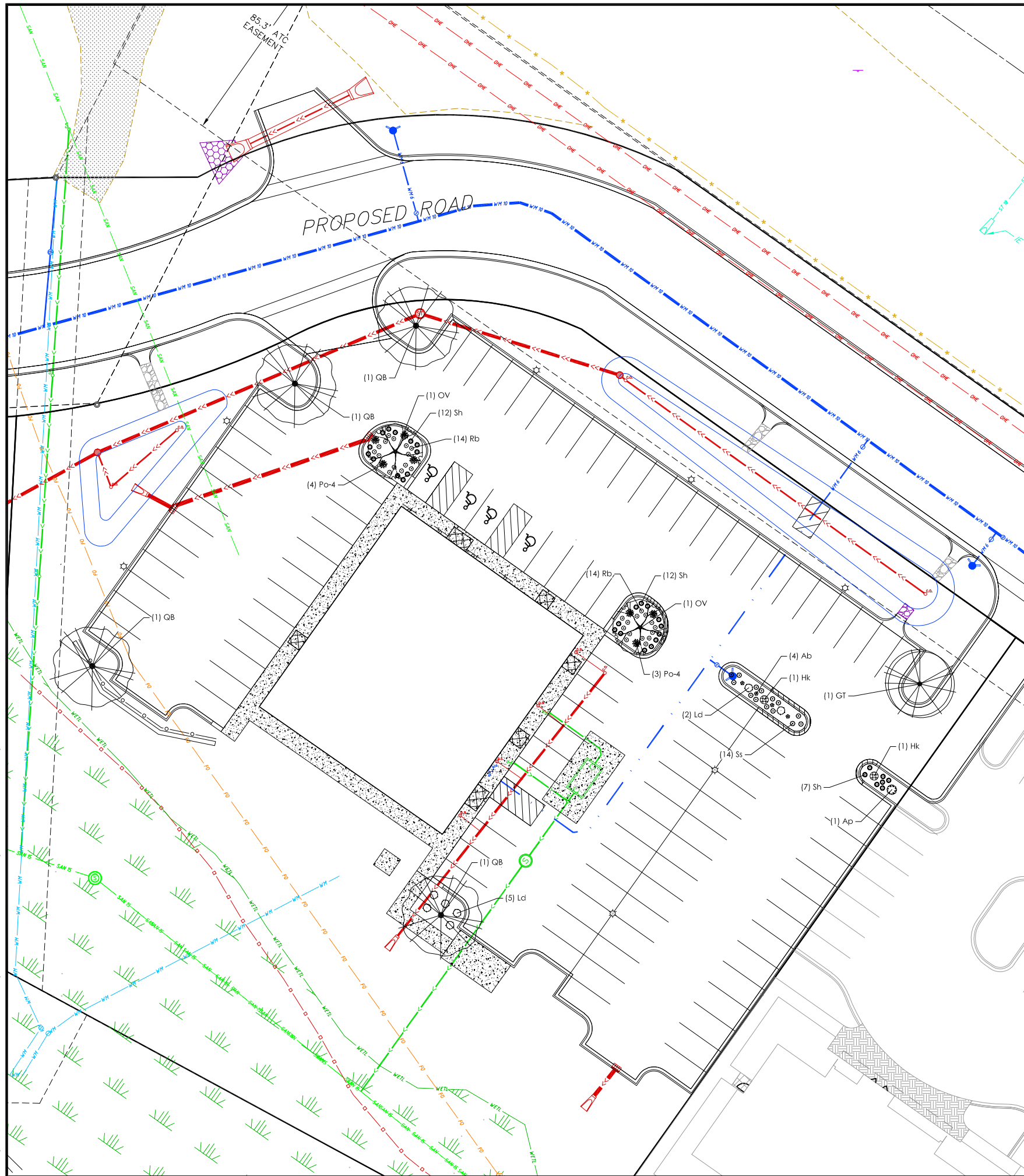
5 STANDARD HYDRANT SETTING
16 NOT TO SCALE



(6) SANITARY & WATER SERVICE INSULATION DETAIL

(16) NOT TO SCALE

DATE		2026-08-26	
DRAFTER			
CHECKED			
NPFA			
PROJECT NO.			
260119			
EET			



PLANT SCHEDULE

<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>ROOT COND.</u>	<u>SIZE</u>	<u>QTY</u>
<u>DECIDUOUS TREES</u>				
GT	Gleditsia triacanthos inermis 'Shademaster' / Shademaster Honey Locust	B & B	2.5"Cal	1
OV	Ostrya virginiana / American Hophornbeam	B & B	2.5"Cal	2
QB	Quercus bicolor / Swamp White Oak	B & B	2.5"Cal	4
<u>DECIDUOUS SHRUBS</u>				
Ap	Amorpha canescens / Leadplant	Cont.	1 Gal.	1
Ld	Diervilla lonicera / Honeysuckle	Cont.	3 Gal.	7
HK	Hypericum kalmianum / Kalm St. Johnswort	Cont.	5 Gal.	2
Pa-4	Physocarpus opulifolius 'ZEMichael' / Lucky Devil® Ninebark	Cont.	3 Gal.	7
<u>PERENNIALS</u>				
Ab	Asclepias tuberosa / Butterfly Milkweed	Cont.	1 Gal.	4
Rb	Rudbeckia fulgida / Coneflower	Cont.	1 Gal.	28
Ss	Schizachyrium scoparium / Little Bluestem	Cont.	1 Gal.	14
Sh	Sporobolus heterolepis / Prairie Dropseed	Cont.	1 Gal.	31

PLANT MATERIAL NOTES:

1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
2. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED, NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
3. CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
4. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM THE TIME OF INSTALLATION.
5. EXACT LOCATIONS OF EACH PLANT ARE GIVEN IN PLAN. WHILE SLIGHT DEVIATIONS ARE ACCEPTABLE, OVERALL SCHEMATIC/ORIENTATION TO BE ADHERED TO AS ACCURATELY AS POSSIBLE. NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS.

LANDSCAPE MATERIAL NOTES:

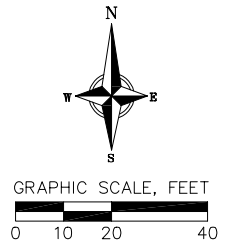
1. CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH. TOPSOIL SHALL CONFORM TO QUALITY REQUIREMENTS AS PER SECTION 625.2(1) OF THE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION." PROVIDE A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
2. SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE. LANDSCAPE CONTRACTOR SHOULD NOTIFY GENERAL CONTRACTOR IF SUBSURFACE COMPACTION IS UNFIT FOR PLANTING. LANDSCAPE CONTRACTOR IS NOT RESPONSIBLE FOR SUBSURFACE SOIL PREPARATION.
3. LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN. DO NOT ALLOW MULCH TO COVER LEAVES, STEMS, OR TRUNKS OF INSTALLED PLANTS. NO LANDSCAPE FABRIC TO BE INSTALLED WITHIN PLANTED AREAS.
4. ALL TREES AND/OR SHRUBS PLANTED IN SEEDED AREAS TO BE INSTALLED WITH A 6" DIAMETER UNDYED SHREDDED HARDWOOD BARK MULCH RING AT A DEPTH OF 3" AND SHOVEL CUT EDGE. A SLOW RELEASE FERTILIZER AND MYCORRHIZAL INOCULATE SHOULD BE APPLIED TOPICALLY AT TIME OF PLANTING PRIOR TO MULCH APPLICATION ACCORDING TO MANUFACTURER SPECIFICATIONS.
5. AREAS LABELED DECORATIVE STONE TO BE DECOMPOSED BROWN GRANITE TO A DEPTH OF 3". LAY COMMERCIAL GRADE FABRIC BETWEEN GRADE AND STONE.

SEEDING AND PLUG PLANTING NOTES:

1. ALL UNLABELED DISTURBED AREAS AND AREAS SHOWN AS TURF GRASS TO BE SEEDDED WITH 'MADISON PARKS' SEED MIX BY LA CROSSE SEED OR EQUIVALENT. ALL SEEDDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY 3" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. (PRIOR TO ROUTINE MAINTENANCE SCHEDULE ESTABLISHMENT, MOWING SHOULD OCCUR TO MAINTAIN A TURF HEIGHT OF 3"-6".) PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.

GENERAL LANDSCAPE NOTES:

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND COMPLETE WORK PER SCHEDULE.
4. CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION. CONTRACTOR SHALL CLEAN ANY AFFECTED PAVED AREAS OUTSIDE OF DISTURBANCE DELINEATION DAILY.
5. ALL MATERIAL QUANTITIES AND AREA MEASUREMENTS SHOWN ON LANDSCAPE PLAN ARE TO BE CONFIRMED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND ADJUSTING FOR ANY QUANTITATIVE DISCREPANCIES BETWEEN PLAN, SCHEDULES, AND PREPARED CONDITIONS PRIOR TO INSTALLATION.
6. PLANTS SHALL BE INSTALLED WHEN ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED WITHIN THE IMMEDIATE VICINITY.
7. ANY PREPARED SITE CONDITIONS THAT CONTRADICT THE LANDSCAPE PLAN AND NEGATIVELY AFFECT THE SUCCESS OF PLANTINGS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
8. LANDSCAPE CONTRACTOR TO PROVIDE 60 DAYS OF INITIAL MAINTENANCE PERIOD FOLLOWING LANDSCAPE INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR WATERING ALL SEEDINGS AND PLANTINGS, AS WELL AS MOWING, WEEDING AND MATERIAL CLEAN UP.



DATE		2026-08-26	
RAFTER		EGOR	
CHECKED		NPFA	
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SHEET		17 OF 17	