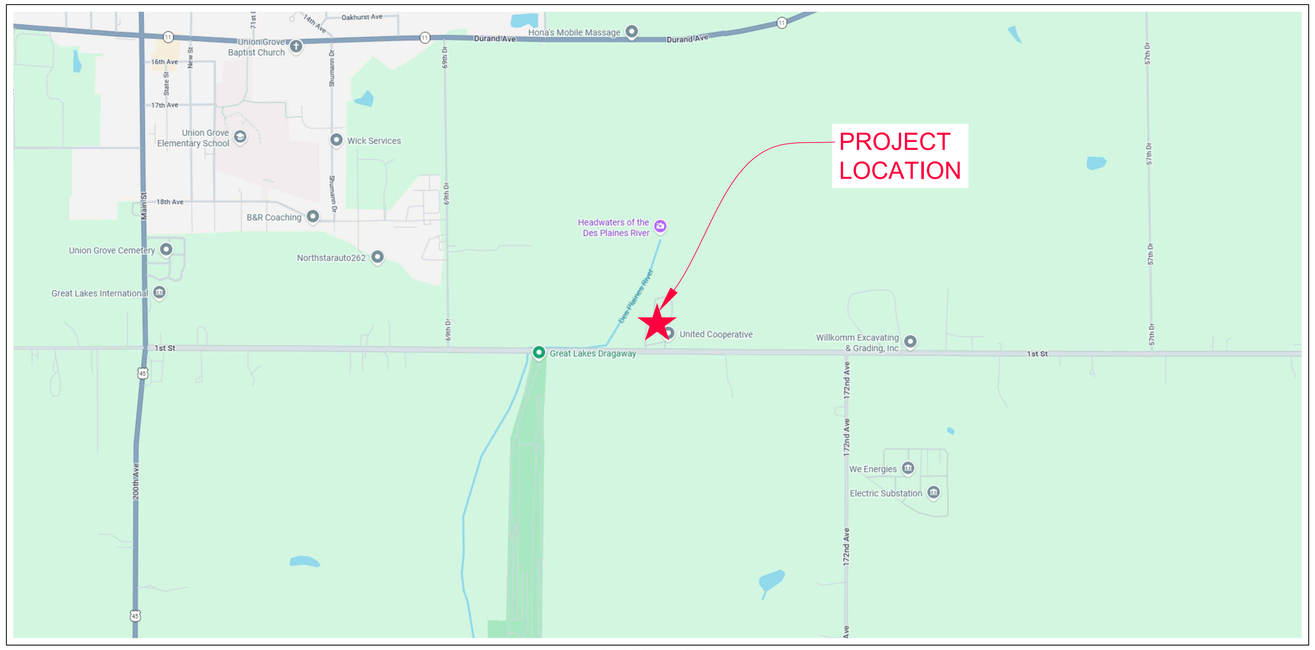
UNITED COOP
VILLAGE OF UNION GROVE
RACINE COUNTY
WISCONSIN



LOCATION MAP IS NOT TO SCALE

SHEET INDEX

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UNION GROVE WI, 53182

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CONTRACT NO: ------
DATE: 10/23/2026
SHEET: C1.0

COVER SHEET

"ISSUED FOR PERMITTING"

GENERAL NOTES:

1. CONTRACTOR TO CONTACT DIGGERS HOTLINE FOR UTILITY LOCATES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY WITH UTILITY COMPANIES IF UTILITY COMPANY'S STAFF IS REQUIRED TO BE ON SITE WHEN CONSTRUCTION ACTIVITIES ARE NEAR UTILITY FACILITIES.
2. LOCATION OF ALL STRUCTURES, OBSTACLES, AND EXISTING FACILITIES SHOWN SHALL NOT BE TAKEN AS CONCLUSIVE. CONTRACTOR SHALL VERIFY LOCATIONS AS A CONDITION OF THEIR BID AND BE RESPONSIBLE FOR ALL DAMAGES RESULTING FROM THEIR ACTIVITIES.
3. CONTRACTOR SHALL TAKE CARE WHEN EXCAVATING AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVERAGE REQUIREMENTS WITH UTILITY COMPANIES.
4. EXISTING UTILITIES SHOWN ARE APPROXIMATE AND HAVE BEEN OBTAINED FROM AVAILABLE RESOURCES FOR FIELD LOCATES. THERE MAY BE ADDITIONAL UTILITIES NOT SHOWN. CONTRACTOR IS REQUIRED TO VERIFY LOCATION OF EXISTING UTILITIES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY TO CARRY OUT THEIR WORK, UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL PROVIDE STAKING AS NECESSARY TO LAYOUT AND PROVIDE GRADES FOR ANY SECTION OF THE WORK.
7. A COMPETENT REPRESENTATIVE WHO HAS AUTHORITY TO ACT FOR THE CONTRACTOR MUST BE AT THE SITE AT ALL TIMES.
8. STAGING AND MATERIAL STORAGE AREAS SHALL BE COORDINATED WITH THE OWNER AND SHALL BE DONE IN A MANNER TO AVOID INTERFERENCE WITH THE OWNER'S ACTIVITIES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING PROPERTY CORNERS AND SURVEY MONUMENTS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR BARRICADING AREAS OF CONSTRUCTION TO PROTECT AGAINST PERSONAL INJURY.
11. EXISTING FACILITIES TO REMAIN INCLUDING PAVEMENT, SIDEWALKS, BUILDINGS, LANDSCAPING AND TREES SHALL BE PROTECTED DURING CONSTRUCTION.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THEIR WORK FROM ALL DAMAGE INCLUDING THE PUBLIC, OTHER CONTRACTORS, AND THE ENVIRONMENT.
13. EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED BY THE OWNER.

UTILITIES AND STORM SEWER:

1. ALL EXISTING SURFACE INFRASTRUCTURE INCLUDING HYDRANTS, VALVES, HANDHOLES, CASTINGS, IRRIGATION SYSTEMS, AND UTILITY PEDESTALS ARE REQUIRED TO BE ADJUSTED TO PROPOSED GRADE BY CONTRACTOR.
2. WHERE NOT IDENTIFIED IN THE CIVIL SPECIFICATION MANUAL, UTILITY MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS AND SPECIFICATIONS FOR UTILITY COMPANIES HAVING JURISDICTION.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES AND CONDUITS TO AVOID CONFLICTS AND TO PROVIDE MINIMUM REQUIRED DEPTHS OF COVER. ADDITIONAL BENDS AND ASSOCIATED MATERIALS ARE TO BE INSTALLED AS REQUIRED FOR WATER MAINS AND LATERALS.
4. ALL STORM AND SANITARY SEWER PIPES AND STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT CIVIL SPECIFICATIONS MANUAL AND SUPPLEMENTAL PLAN NOTES HEREIN.
5. STORM SEWER STRUCTURES SHALL BE PRECAST CONCRETE AND THE SIZE AS NOTED ON THE PLANS.
6. TRENCHES SHALL BE BACKFILLED WITH CRUSHED STONE BEDDING WITHIN 1:1 OF PAVEMENT AREAS AND WITH SPOIL IN LANDSCAPING AREAS.
7. STORM SEWER 8-INCHES OR SMALLER CONNECTED TO MAINS OR LATERALS SHALL BE PLACED HORIZONTALLY AT THE SPRING LINE OF THE PIPE WITH A WATER TIGHT CONNECTION.
8. CONNECTIONS TO EXISTING MANHOLES SHALL BE CORED AND A WATER TIGHT SEAL PROVIDED.
9. TRACER WIRE OR OTHER MEANS OF LOCATING UNDERGROUND PIPES SHALL BE INSTALLED ON ALL PIPING PER THE PROJECT CIVIL SPECIFICATIONS MANUAL.
10. ALL DIMENSIONS ARE TO THE CENTERLINE OF UTILITIES AND STRUCTURES.

EROSION CONTROL:

1. CONSTRUCTION ACTIVITIES SHALL NOT COMMENCE UNTIL EROSION CONTROL DEVICES HAVE BEEN INSTALLED.
2. EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO WDNR BEST MANAGEMENT PRACTICES AND THE CIVIL SPECIFICATIONS MANUAL.
3. EXISTING LANDSCAPING AND TREES TO REMAIN SHALL BE PRUNED TO REMOVE LOW HANGING, BROKEN, AND UNDESIRABLE GROWTH TO ENSURE HEALTHY AND SYMMETRICAL NEW GROWTH.
4. ALL AREAS DISTURBED BY CONTRACTOR OPERATIONS SHALL BE PREPARED FOR GRASS SEED BY LOOSENING RUTS AND WORKING THE SOIL AREAS TO A MINIMUM OF 6-INCHES PRIOR TO THE FINE GRADING AND SEEDING. AREAS SHALL HAVE A MINIMUM OF 4-INCHES OF TOPSOIL PLACED, SEEDED, AND MULCHED UNLESS OTHERWISE INDICATED.
5. INSPECTION OF ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DONE BY CONTRACTOR ONCE PER WEEK AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 1/2-INCH OR GREATER. EROSION CONTROL REPORTS WILL BE SENT TO EROSIONCONTROL@GREENBAYWI.GOV
6. CONTRACTOR SHALL REPAIR DEFICIENT EROSION AND SEDIMENT CONTROL MEASURES WITHIN 24-HOURS AFTER INSPECTION. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES NOT SHOWN ON THIS PLAN MAY BE NECESSARY AS A RESULT OF CONSTRUCTION PRACTICES OR AS DIRECTED BY OWNER AND/OR ENGINEER.
7. CONTRACTOR SHALL NOTIFY AND OBTAIN WRITTEN ACCEPTANCE FROM ENGINEER OF PROPOSED CHANGES TO THE EROSION CONTROL PLAN AND/OR SEQUENCE PRIOR TO IMPLEMENTING THE CHANGE.
8. EXCESS MATERIAL THAT IS HAULED OFF SITE SHALL BE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL OBTAIN PROPER PERMIT APPROVALS FOR EACH FILL SITE. EROSION AND SEDIMENT CONTROL MEASURES, RESTORATION, AND STABILIZATION AT FILL SITE IS CONTRACTOR'S RESPONSIBILITY. CONTRACTOR TO NOTIFY OWNER OF ALL FILL AND BORROW SITES.
9. CONTRACTOR SHALL SWEEP STREETS ADJACENT TO PROJECT AS NEEDED.
10. ALL INSTALLATION, MAINTENANCE, AND REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE WDNR TECHNICAL STANDARDS.
11. IF DEWATERING IS NECESSARY, CONTRACTOR SHALL PROVIDE PROPER DEWATERING SEDIMENT CONTROL DEVICES. DISCHARGE OF SEDIMENT LADEN WATER TO THE STORM OR SURFACE WATER IS PROHIBITED.
12. STABILIZE NEWLY GRADED AREAS WITHIN 3 DAYS OF BEING INACTIVE.
13. REMOVE EROSION AND SEDIMENT CONTROL DEVICES AFTER 80% OF VEGETATION HAS BEEN ESTABLISHED IN RESTORED AREAS.

GRADING AND PAVING:

1. ALL SITE CONSTRUCTION INCLUDING GRADING, EXCAVATION, AND PAVEMENT CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE CORRESPONDING PROJECT CIVIL SPECIFICATIONS MANUAL AND SUPPLEMENTAL PLAN NOTES HEREIN.
2. CONTRACTOR SHALL STRIP AND REMOVE TOPSOIL AND ORGANIC MATERIALS FOUND WITH THE SITE IN ACCORDANCE WITH THE PROJECT CIVIL SPECIFICATIONS. LANDSCAPING AREAS SHALL BE GRADED LOW TO ALLOW FOR TOPSOIL PLACEMENT.
3. ALL MATERIAL TESTING SHALL CONFORM TO THE PROJECT CIVIL SPECIFICATIONS. RETESTING AND CORRECTION OF FAILING MATERIAL SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
4. SUBGRADE SHALL BE COMPACTED PRIOR TO PLACEMENT OF BASE AGGREGATE AS REQUIRED IN THE STANDARD SPECIFICATIONS. SUBGRADE SHALL BE PROOF ROLLED PRIOR TO PLACEMENT OF BASE COURSE. AREAS IDENTIFIED AS SOFT AND YIELDING SHALL BE IDENTIFIED FOR REMOVAL PRIOR TO PLACEMENT OF BASE AGGREGATE.
5. BACKFILL AND FILL MATERIALS SHALL BE PLACED IN LAYERS NOT MORE THAN 8-INCHES LOOSE IF COMPACTED WITH HEAVY EQUIPMENT AND NOT MORE THAN 4-INCHES LOOSE IF COMPACTED BY HAND EQUIPMENT.
6. ACCESSIBLE ROUTES AND HANDICAP PARKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH ADA STANDARDS.
7. ALL CONCRETE FLATWORK SHALL HAVE A LIGHT BROOMED FINISH.
8. EXTERIOR CONCRETE SHALL BE SEPARATED FROM BUILDINGS WITH A CONTINUOUS 0.5-INCH FIBER EXPANSION JOINT.
9. TWO PAINT COATS SHALL BE APPLIED ON NEW PAVEMENT. THE FIRST COAT SHALL BE AFTER PAVING OPERATIONS HAVE BEEN COMPLETED. THE SECOND COAT SHALL BE APPLIED 30 CALENDAR DAYS AFTER PAVING HAS BEEN COMPLETED.
10. ELEVATIONS ARE TO FLANGE.

LEGEND – CIVIL ENGINEERING DRAWINGS

CONTROL
- BENCHMARK
- CHIS — CHISELED MARK
- CP — CONTROL POINT
- IP — IRON PIPE (GENERIC)
- IP — IRON PIPE (1" DIA)
- IP — IRON PIPE (2" DIA)
- SET — IRON PIPE SET
- IR — IRON ROD (GENERIC)
- IP — IRON ROD (3/4" DIA)
- IP — IRON ROD (1 1/4" DIA)
- MONUMENT
- NAIL — NAIL
- PM — PAINT MARK
- PK — PK NAIL
- RX — RAILROAD SPIKE
- RTIE — REFERENCE TIE
- SECTION CORNER
- SIXT — SECTION CORNER MONUMENT
- TCP — TEMPORARY CONTROL POINT
- USGS — USGS MONUMENT

GROUND
- WZ 000.00 — WATER ELEVATION
- WETLANDS (SURVEYED LOCATION)
- CROPFIELD
- DITCH
- GUARD RAIL
- TOE OF SLOPE
- TOP OF BANK
- WETLAND BOUNDARY

EROSION CONTROL
- PROPOSED DITCH CHECK
- PROPOSED EROSION LOGS/EROSION WADDLES
- A — PROPOSED INLET PROTECTION TYPE A
- B — PROPOSED INLET PROTECTION TYPE B
- C — PROPOSED INLET PROTECTION TYPE C
- D — PROPOSED INLET PROTECTION TYPE D
- PROPOSED BARRIER FENCE
- PROPOSED SILT FENCE
- PROPOSED EROSION MAT
- PROPOSED RIP RAP
- PROPOSED TRACKING PAD

SANITARY SEWER
- SAN — SANITARY MANHOLE
- SEPTIC — SEPTIC SYSTEM
- SEPC — SEPTIC TANK COVER
- SEPV — SEPTIC VENT
- 7" SAN SWR — SANITARY SEWER
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY RISER
- PROPOSED SANITARY LATERAL
- PROPOSED SANITARY SEWER

STORM SEWER
- STORM CATCH BASIN
- STORM FIELD INLET
- STORM INLET
- STORM MANHOLE
- STORM YARD DRAIN
- 7" STO SWR — STORM SEWER
- CULVERT (SIZE & TYPE NOTED)
- PROPOSED STORM INL/CB
- PROPOSED STORM MANHOLE
- PROPOSED STORM LATERAL
- PROPOSED STORM SEWER

GENERAL
- A/C — AIR CONDITIONER
- CO — CLEAN OUT
- DP — DELINEATOR POST
- FP — FLAG POLE
- HANDHOLE — GENERIC HAND HOLE
- GENERIC MANHOLE
- GENERIC METER
- GENERIC PEDESTAL
- VLV — GENERIC VALVE
- VENT — GENERIC VENT
- GUY POLE — GUY POLE
- GUY — GUY WIRE
- LIGHT POLE
- MB — MAIL BOX
- MP — MARKER POST
- MWEL — MONITORING WELL
- PILE — PILING
- P — POST
- REVISION LABEL
- SOIL BORING
- UTILITY POLE
- YARD LIGHT

UTILITIES
- CABLE BOX
- CABLE MANHOLE
- C — UNDERGROUND TV CABLE
- ELECTRIC BOX
- ELECTRIC MANHOLE
- ELECTRIC METER
- EP — ELECTRIC PAD
- ELECTRIC TRANFORMER
- POWER POLE
- E — UNDERGROUND ELECTRIC
- E — PROPOSED UNDERGROUND ELECTRIC
- PROPOSED UNDERGROUND ELECTRIC
- GAS CURB STOP
- GAS MANHOLE
- G — GAS METER
- GTST — GAS TEST STATION
- GAS VALVE
- GVT — GAS VALVE TEST
- GAS VENT — GAS VENT
- G — UNDERGROUND GAS MAIN
- G — PROPOSED UNDERGROUND GAS MAIN
- TELEPHONE BOX
- TELEPHONE MANHOLE
- T — UNDERGROUND TELEPHONE
- FO — UNDERGROUND FIBER OPTIC
- FO — PROPOSED UNDERGROUND FIBER OPTIC

LANDSCAPE
- CONIFEROUS MULTIPLE TRUNK TREE
- CONIFEROUS TREE
- DECIDUOUS TREE
- DECIDUOUS MULTIPLE TRUNK TREE
- DECORATIVE ROCK
- STUMP
- EDGE OF PLANTER/LANDSCAPE BED
- EDGE OF TREES & BRUSH
- X — X — FENCE

RAILROAD
- RRSB — RAILROAD SIGNAL BOX
- RAILROAD SIGNAL FLASHER
- RX — RAILROAD SPIKE
- RAILROAD TRACKS

TRAFFIC SIGNAL
- CONTROL BOX/LIGHTING CABINET
- PULL BOX
- TRAFFIC SIGNAL
- LD — UNDERGROUND LOOP DETECTOR

WATER MAIN
- EXISTING HYDRANT
- EXISTING LOCATOR BOX
- EXISTING SPRINKLER HEAD
- EXISTING WATER CURB STOP
- EXISTING WATER MAIN BEND
- EXISTING WATER MAIN CROSS
- EXISTING WATER MAIN OFFSET
- EXISTING WATER MAIN PLUG
- EXISTING WATER MAIN PLUG W/ AIR RELEASE
- EXISTING WATER MAIN REDUCER
- EXISTING WATER VALVE
- EXISTING WATER VALVE MANHOLE
- WELL — EXISTING WELL
- EXISTING YARD HYDRANT
- 7" WM — EXISTING WATER MAIN
- EXISTING WATER SERVICE
- PROPOSED CURB STOP
- PROPOSED HYDRANT
- PROPOSED LOCATOR BOX
- PROPOSED WATER MAIN BEND (ANGLE NOTED)
- PROPOSED WATER MAIN CROSS
- PROPOSED WATER MAIN OFFSET
- PROPOSED WATER MAIN PLUG
- PROPOSED WATER MAIN PLUG W/AIR RELEASE
- PROPOSED WATER MAIN REDUCER
- PROPOSED WATER MAIN TEE
- PROPOSED WATER VALVE
- PROPOSED WATER VALVE MANHOLE
- PROPOSED YARD HYDRANT
- PROPOSED WATER MAIN
- PROPOSED WATER SERVICE

PAVEMENT
- EXISTING SIGN
- EDGE OF ASPHALT PAVEMENT
- EDGE OF GRAVEL PAVEMENT
- EDGE OF CONCRETE PAVEMENT
- PROPOSED DETECTABLE WARNING FIELD
- PROPOSED SIGN
- PROPOSED EDGE OF ASPHALT PAVEMENT
- PROPOSED EDGE OF CONCRETE PAVEMENT
- PROPOSED EDGE OF GRAVEL PAVEMENT
- PROPOSED SLOPE INTERCEPT

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Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

GENERAL NOTES

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Point Table				
Point #	Raw Description	Elevation	Northing	Easting
80200	CP80200 7IN NAIL 8FT W OF GRV E	711.00	250,970.66	2,499,120.38
80201	CP80201 7IN NAIL 10FT S OF GRV AT TOP OF SLOPE	717.26	250,713.65	2,499,147.22
80202	CP80202 7IN NAIL 3FT E OF CROP S OF SWAIL	718.13	250,537.86	2,498,990.07
80203	CP80203 7IN NAIL 20FT S 15FT W OF SW CRNR OF BARN	713.39	250,738.82	2,498,909.70
80204	CP80204 7IN NAIL AT BOTTOM OF SLOPE 50FT N OF NW BLDG CRNR	708.63	250,890.37	2,498,918.61

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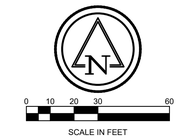
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EXISTING CONDITIONS

"ISSUED FOR PERMITTING"





EROSION CONTROL

- PROPOSED INLET PROTECTION TYPE B
- PROPOSED SILT FENCE
- PROPOSED TRACKING PAD
- PROPOSED RIP RAP

NOTES:

1. TOTAL SITE AREA: 14.99 ACRES.
2. TOTAL ESTIMATED AREA OF DISTURBANCE: 0.89 ACRES

CONSTRUCTION SEQUENCE

1. INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY LAND DISTURBING ACTIVITIES, AS SHOWN ON DRAWINGS AND DIRECTED BY ENGINEER.
2. CLEAR AND GRUB VEGETATION AS SHOWN ON DRAWINGS OR AS DIRECTED BY ENGINEER.
3. STRIP TOPSOIL AND STOCKPILE IN LOCATION AS SHOWN ON DRAWINGS AND AS DIRECTED BY OWNER. INSTALL PERIMETER SILT FENCE AROUND DOWN SLOPE SIDE OF STOCKPILE. STABILIZE STOCKPILE IMMEDIATELY UPON LAYUP.
4. INSTALL, ADJUST AND MAINTAIN ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES NECESSARY FOR EACH ACTIVE STAGE. MAINTAIN MEASURES AT THE END OF EACH DAY.
5. STAGE CONSTRUCTION BY WORK LOCATION. SUBSEQUENT STEPS MAY BE COMPLETED IN ALTERNATE SEQUENCE DEPENDING UPON CONTRACTOR OPERATIONS.
6. COMPLETE ROUGH GRADING.
7. INSTALL STORM SEWER PIPE AND STRUCTURE.
8. PREPARE PAVEMENT SUBGRADE.
9. INSTALL NEW PAVEMENT AND BASE LAYERS.
10. AREAS PLANNED TO BE INACTIVE FOR 7 DAYS OR LONGER SHALL BE TEMPORARILY STABILIZED FOLLOWING DNR TECHNICAL STANDARD 1059 SEEDING. THESE AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF BEING INACTIVE.
11. AREAS BROUGHT TO FINAL GRADE SHALL BE PERMANENTLY STABILIZED WITHIN 7 DAYS.
12. COMPLETE FINAL RESTORATIONS INCLUDING BUT NOT LIMITED TO: TOPSOIL, TURF GRASS SEED, AND CLASS I TYPE B URBAN EROSION MATTING FOR ALL LAWN RESTORATION AND TOPSOIL, TURF GRASS SEED, AND CLASS II TYPE B EROSION MATTING FOR THE DRAINAGE SWALES AND SLOPES OF 4:1 OR MORE.
13. REMOVE TEMPORARY EROSION CONTROL DEVICES AFTER 80% GROWTH DENSITY HAS OCCURRED IN 100% OF RESTORATION AREAS. CONTRACTOR SHALL OBTAIN OWNER AND ENGINEER APPROVAL PRIOR TO REMOVING THE MEASURE(S). RESTORE DISTURBED AREAS AROUND REMOVED DEVICES AND CLEAN SITE.

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REVISIONS

PROJECT MANAGER: ------
DESIGNER: C. MEISEL
DRAWN BY: G. DEPREY
EXPEDITOR: ------
SUPERVISOR: ------
PRELIMINARY NO: ------
CONTRACT NO: ------
DATE: 10/23/2026
SHEET: C4.0

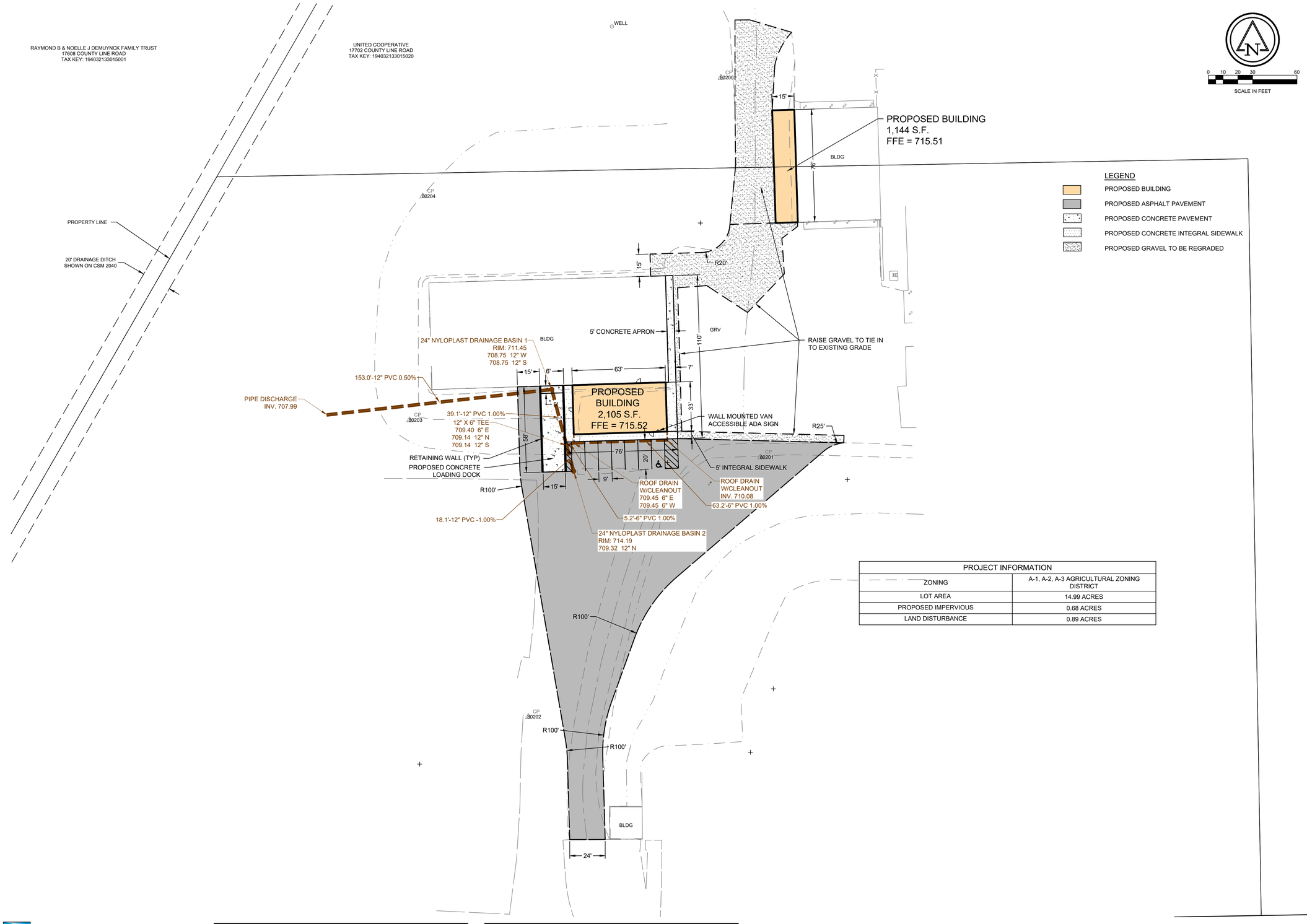
EROSION CONTROL

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LEGEND

- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CONCRETE INTEGRAL SIDEWALK
- PROPOSED GRAVEL TO BE REGRADED

PROJECT INFORMATION	
ZONING	A-1, A-2, A-3 AGRICULTURAL ZONING DISTRICT
LOT AREA	14.99 ACRES
PROPOSED IMPERVIOUS	0.68 ACRES
LAND DISTURBANCE	0.89 ACRES

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SITE AND UTILITY PLAN

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0 10 20 30 60

SCALE IN FEET

NOTES

TC = TOP OF CONCRETE INTEGRAL SIDEWALK

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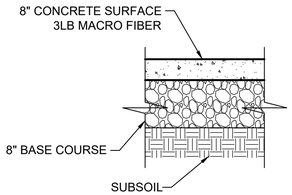
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GRADING PLAN

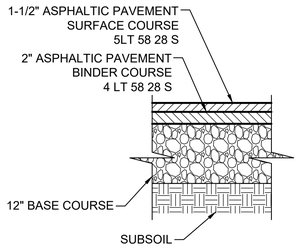
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CONCRETE APRON CROSS SECTION

NO SCALE

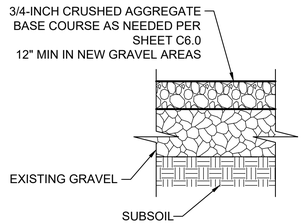
PV-SECT-07A 12



ASPHALT CROSS SECTION

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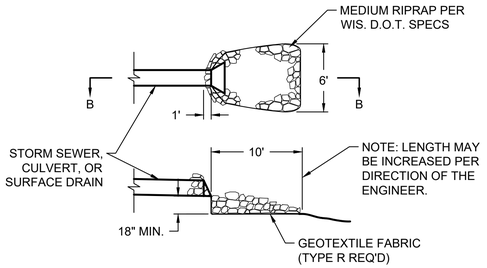
PV-SECT-07 12



GRAVEL CROSS SECTION

NO SCALE

PV-SECT-07G 12

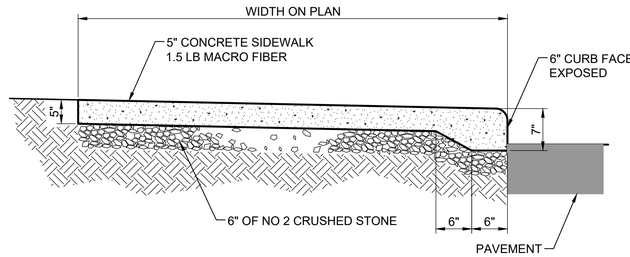


SECTION B-B

MEDIUM RANDOM RIP-RAP TREATMENT

NO SCALE

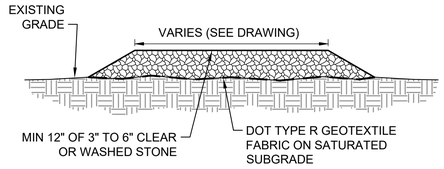
EC-RR-03 96



INTEGRAL SIDEWALK DETAIL

NO SCALE

PV-WALK-01 12



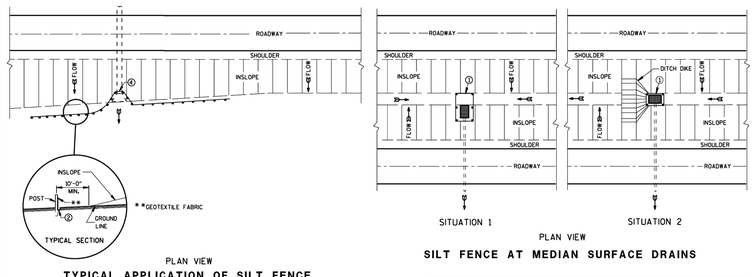
PAD MAY BE POSITIONED AS PERMANENT DRIVEWAY SUBBASE IF PLACED ON MINERAL SOIL AND IT MEETS BEARING & COMPACTION REQUIREMENTS BEFORE BASE PLACEMENT.

TRACKING PAD

NO SCALE

EC-GNL-03 1

SDD 8e9 Silt Fence



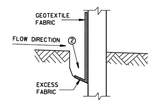
TYPICAL APPLICATION OF SILT FERNCE

SILT FENCE AT MEDIAN SURFACE DRAINS

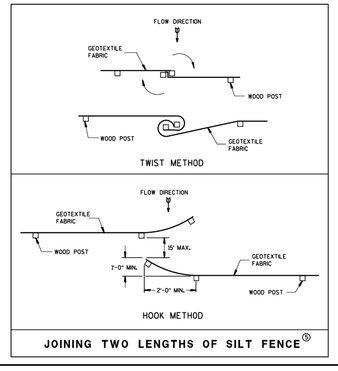
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

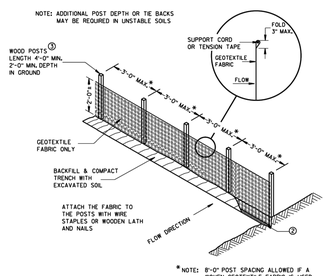
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1½" X 1½" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



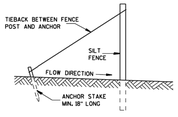
TRENCH DETAIL



JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE

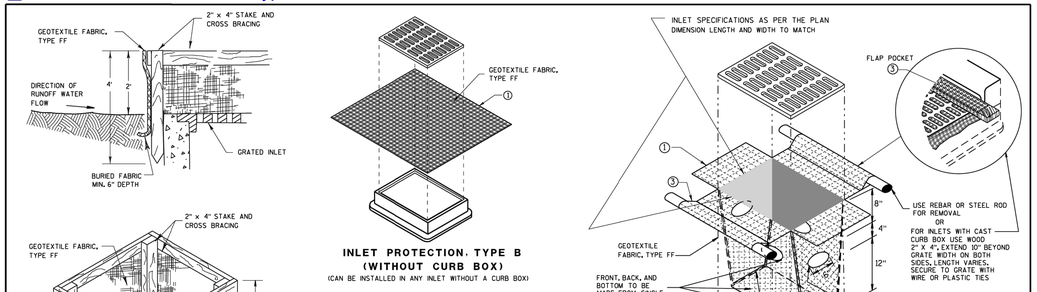


SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 4-29-05 DATE	/S/ Beth Conradtz CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

SDD 8e 9-6

SDD 8e10 Inlet Protection Type A, B, C and D



INLET PROTECTION, TYPE A

INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)

INLET PROTECTION, TYPE C (WITH CURB BOX)

INLET PROTECTION, TYPE D
(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

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

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

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

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

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

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3", WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPE A, B, C, AND D	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 10-16-02 DATE	/S/ Beth Conradtz CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

SDD 8 E 10-2

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EXPEDITOR: ------

SUPERVISOR: ------

PRELIMINARY NO: ------

CONTRACT NO: ------

DATE: 10/23/2026

SHEET: C7.0

CONSTRUCTION DETAILS

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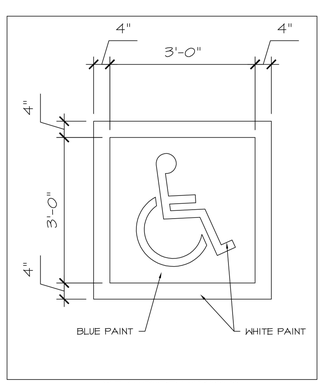
CONTRACT NO: ------

DATE: 10/23/2026

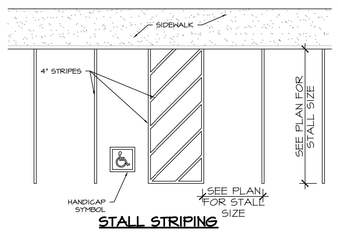
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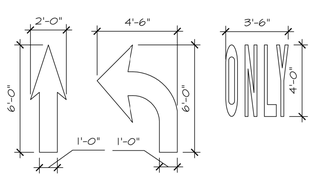
Keller Commercial Standards



NOTE: ALL PAVEMENT MARKINGS TO BE SAFETY YELLOW UNLESS NOTED OTHERWISE



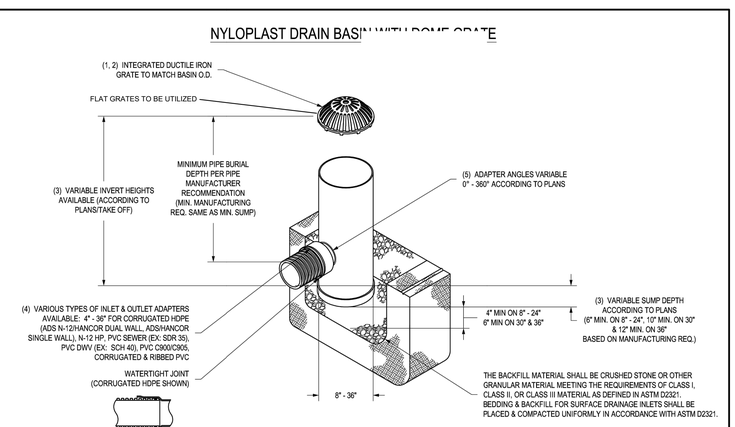
STALL STRIPING



DIRECTION ARROWS

PAVEMENT MARKINGS | REVISION 5/2/2012 | **2.9.2**

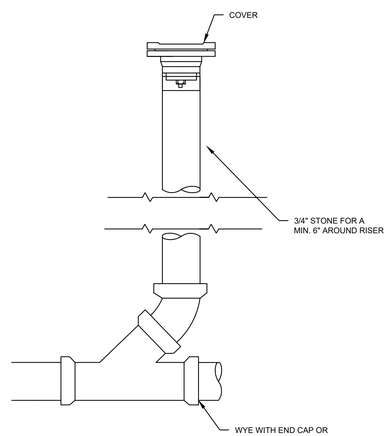
NYLOPLAST DRAIN BASIN WITH DOME GRATE



1 - 8" - 30" DOME GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - 8" & 10" DOME GRATES FIT ONTO THE DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 30").
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
6 - 8" - 30" DOME GRATES HAVE NO LOAD RATING.

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DATE 03-25-10			
REVISED BY NMH	PROJECT NO./NAME	TITLE	DRAIN BASIN WITH DOME GRATE QUICK SPEC INSTALLATION DETAIL
DATE 06-12-18			
DWG SIZE A	SCALE 1:40 SHEET 1 OF 1	DWG NO. 7001-110-397	REV E



CLEAN OUT NO SCALE
OD-SingleDirectionCleanout 1

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