

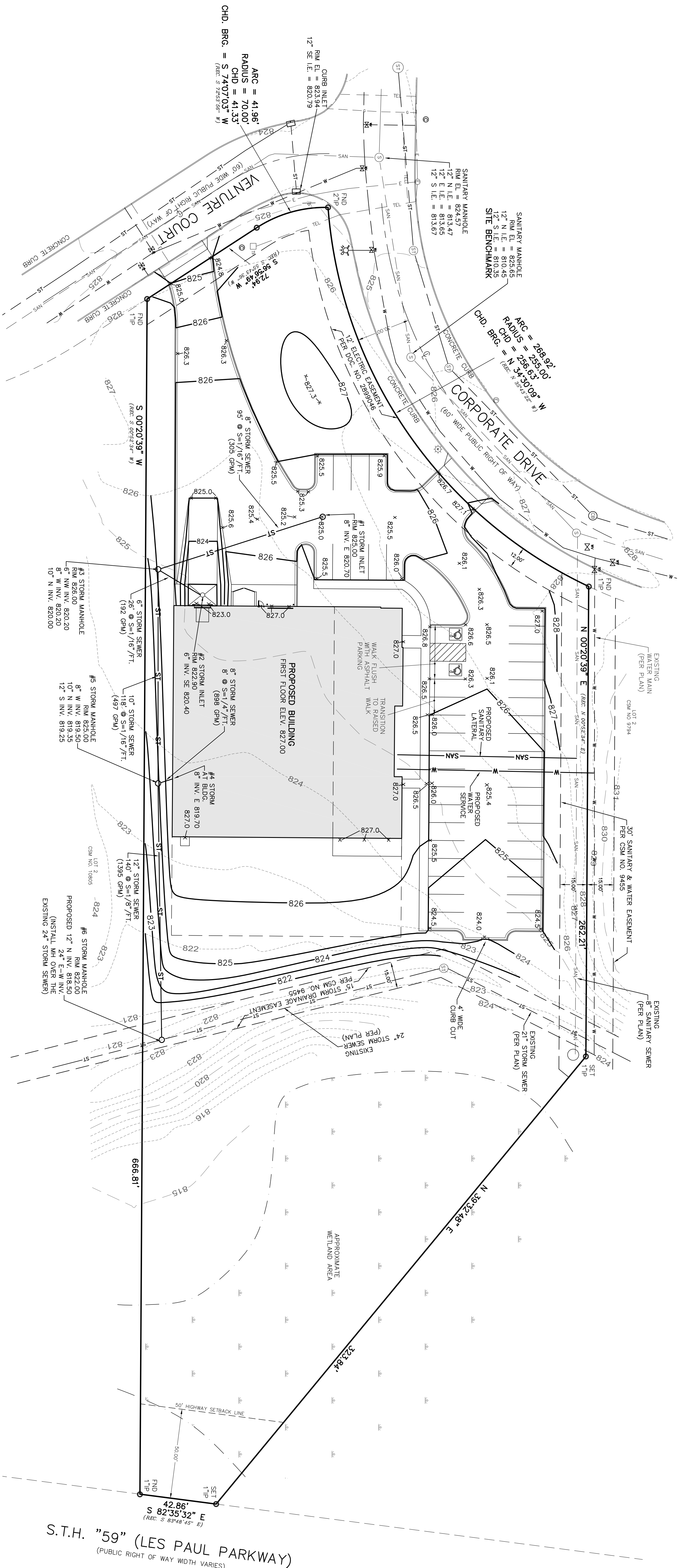


SUNBURN ENTERPRISES
WAUKESHA, WISCONSIN

**SITE GRADING AND
UTILITY PLAN**
C1.0

SHEET 1 OF 4

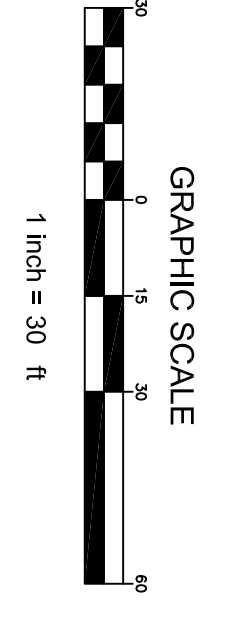
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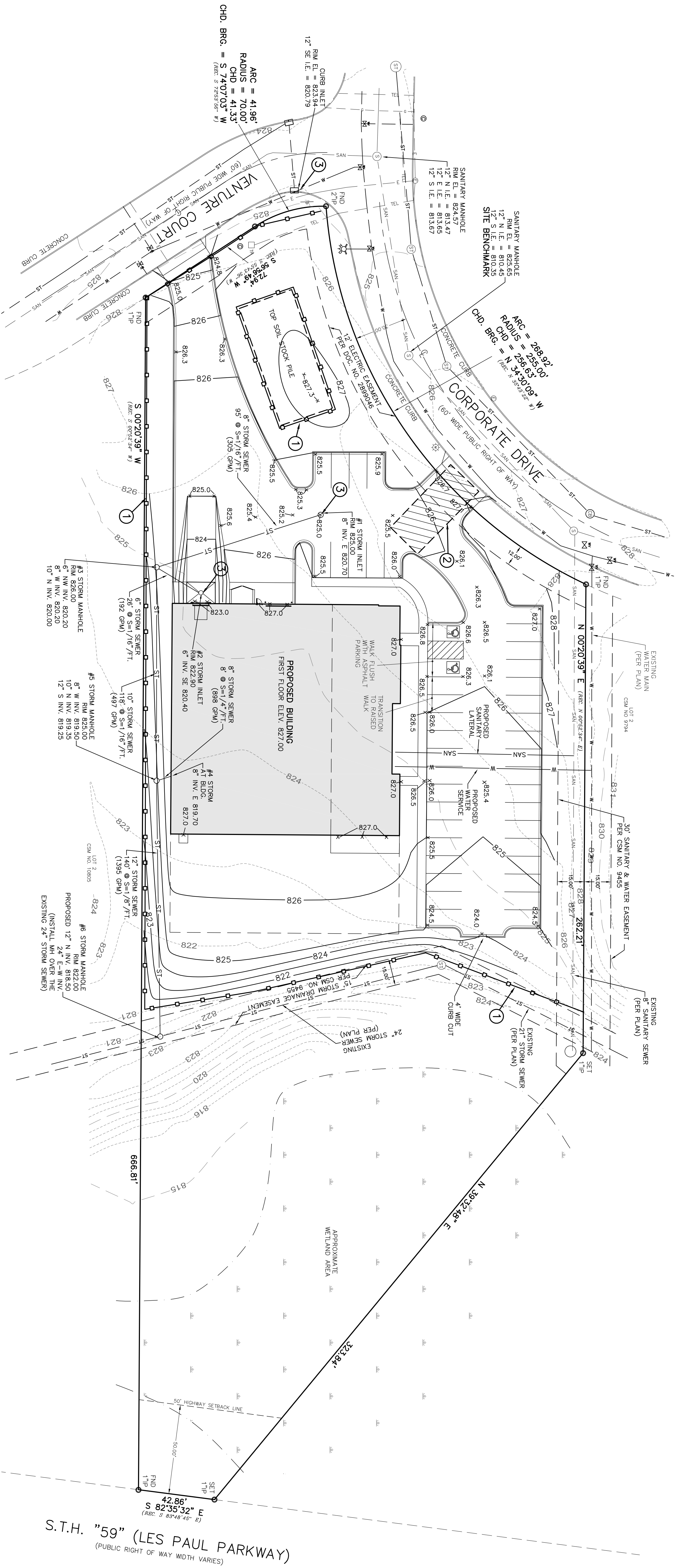
LEGEND

---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	PROPOSED ELEVATION
---	PROPOSED STORM SEWER
---	EXISTING STORM SEWER
---	PROPOSED SANITARY SEWER
---	EXISTING SANITARY SEWER
---	PROPOSED WATER MAIN
---	EXISTING WATER MAIN
---	PROPOSED GAS MAIN
---	EXISTING GAS MAIN
---	OVER HEAD WIRE
---	BURIED ELECTRIC

- NOTES**
1. GRADES ALONG THE CURB OR RAISED WALK ARE AT THE BOTTOM OF CURB OR WALK.
 2. DISTURBED AREA = 80,370 S.F. (1.846 ACRES)
 3. STORM WATER MANAGEMENT IS PROVIDED BY A REGIONAL OFF SITE STORM WATER POND.
 4. CURRENT CITY STANDARID SPECIFICATIONS SHALL BE FOLLOWED FOR ALL WORK IN THE PUBLIC RIGHT OF WAY.
 5. LIMITS OF FINAL CITY STREET PAVEMENT AND CURB AND GUTTER REMOVAL AND REPLACEMENTS TO BE MARKED BY CITY ENGINEERING STAFF IN FIELD.
 6. ALL STORM SEWER, SANITARY SEWER, AND WATER MAIN MATERIALS AND INSTALLATION PER APPLICABLE SECTIONS OF THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, WISCONSIN ADMINISRATIVE FURNISHING CODES AND THE CITY OF WAUKESHA REQUIREMENTS.
 7. ALL TRENCHES IN PAVEMENT AREAS SHALL HAVE GRAVEL BACKFILL.
 8. EXACT SIZE AND LOCATION OF SANITARY AND WATER SERVICE TO PROPOSED BUILDINGS BY PLUMBING CONSULTANT/CONTRACTOR.
 9. PROPOSED WATER SERVICE SHALL HAVE A MINIMUM 6 FEET OF COVER.
 10. THE CONTRACTOR SHALL VERIFY ALL SEWER AND WATER CONNECTIONS PRIOR TO UTILITY CONSTRUCTION. NOTIFY THE ENGINEER WITH ANY DISCREPANCIES.
 11. UNLESS OTHERWISE LABELED ON THE PLAN:
STORM SEWER: AOS CORROGATED PIPE 12" OR PVC ASTM D3034
SANITARY SEWER: PVC ASTM D1785 OR AWWA C900
WATER MAIN: PVC ASTM D1785 OR AWWA C900



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DIGGERS **HOTLINE**
DIAL 811 OR (800) 242-8511



SUNBURN ENTERPRISES
WAUKESHA, WISCONSIN

S.T.H. "59" (LES PAUL PARKWAY)
(PUBLIC RIGHT OF WAY WIDTH VARIES)

- NOTES**
1. GRADES ALONG THE CURB OR RAISED WALK ARE AT THE BOTTOM OF CURB OR WALK.
 2. DISTURBED AREA = 80,370 SF. (1,845 ACRES)
 3. STORM WATER MANAGEMENT IS PROVIDED BY A REGIONAL OFF-SITE STORM WATER POND.
 4. CURRENT CITY STANDARD SPECIFICATIONS SHALL BE FOLLOWED FOR ALL WORK IN THE PUBLIC RIGHT-OF-WAY.

LEGEND

-----	826	EXISTING CONTOUR
-----	825	PROPOSED CONTOUR
-----	x 826.3	PROPOSED ELEVATION
-----	ST	PROPOSED STORM SEWER
-----	ST	EXISTING STORM SEWER
-----	SAN	EXISTING SANITARY SEWER
-----	SAN	PROPOSED SANITARY SEWER
-----	W	EXISTING WATER MAIN
-----	W	PROPOSED WATER MAIN
-----	G	BURIED GAS MAIN
-----	E	OVER HEAD WIRE
-----	E	BURIED ELECTRIC

MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY 7th RAINFALL-PRODUCTION RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE AND FROM THE TRUCK WASH AND STOCK PILE TOP SOIL SURROUND WITH SILT FENCE AS NECESSARY TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
3. ALL SEEDS AREAS WILL BE WATERED, FERTILIZED, RESEED AS NECESSARY AND MULCHED TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
4. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING BEFORE THE END OF EACH DAY.

WINTER CONDITIONS

DURING WINTER CONSTRUCTION (NOVEMBER 1 TO MAY 1), THE FOLLOWING PRACTICES SHALL BE USED TO PREVENT POLYMER/CLAY (PAM) PER LATEST MOOT PAL (UPDATED 11/2/2017) ON ALL DISTURBED AREAS THAT ARE NOT TO BE DISTURBED BEYOND 7 DAYS. CONTRACTOR TO INSTALL PAM PER EROSION CONTROL INSPECTIONS. SUBMIT INSPECTIONS TO CITY SPECIFICATIONS.

TEMPORARY STABILIZATION METHODS

TEMPORARY SEEDING:
DURING GROWING SEASON (MAY 2 - OCTOBER 31) TEMPORARY SEEDING TO BE USED FOR TEMPORARY STABILIZATION DURING SITE CONSTRUCTION.

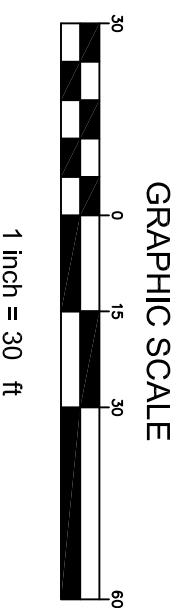
Species	Lbs./Acre	Percent Fertility
Oats	131	98
Cereal Rye	131	97
Annual Ryegrass	80*	97
* Soil Seeding		

CONSTRUCTION SCHEDULE

1. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
2. OBTAIN OTIC STORM WATER PERMIT AND PERFORM WEEKLY EROSION CONTROL INSPECTIONS. SUBMIT INSPECTIONS TO CITY.
3. INSTALL INLET PROTECTION IN THE EXISTING INLETS.
4. INSTALL SILT FENCE / TRACKING PAD. EXACT LOCATION TO BE DETERMINED BY CONTRACTOR.
5. STRIP AND STOCK PILE TOP SOIL, SURROUND WITH SILT FENCE AND PROVIDE TEMPORARY STABILIZATION.
6. BEGIN BUILDING CONSTRUCTION.
7. INSTALL PROPOSED UTILITY. INSTALL INLET GRATE SCREENS.
8. FINAL GRADING OF SLOPES. INSPECT CRITICAL SLOPES.
9. FINAL GRADING OF SLOPES. INSPECT CRITICAL SLOPES.
10. VEGETATE AND MULCH/MAINT ALL FINAL DISTURBED AREAS.
11. ALL EROSION CONTROL PRACTICES WILL BE INSPECTED WEEKLY IMMEDIATELY. MAINTAIN, REPAIR REPAIRS WILL BE PERFORMED IMMEDIATELY.
12. AFTER SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES AND VEGETATE THE DISTURBED AREAS. TEMPORARY MEASURES ARE ESTIMATED TO BE ONE FINAL STABILIZATION - 6 MONTHS.

EROSION CONTROL PRACTICES SCHEDULE

- ① SILT FENCE
- ② CONSTRUCTION EXIT
- ③ INLET GRATE SCREEN

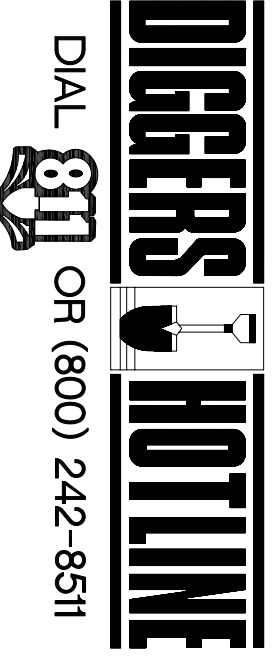


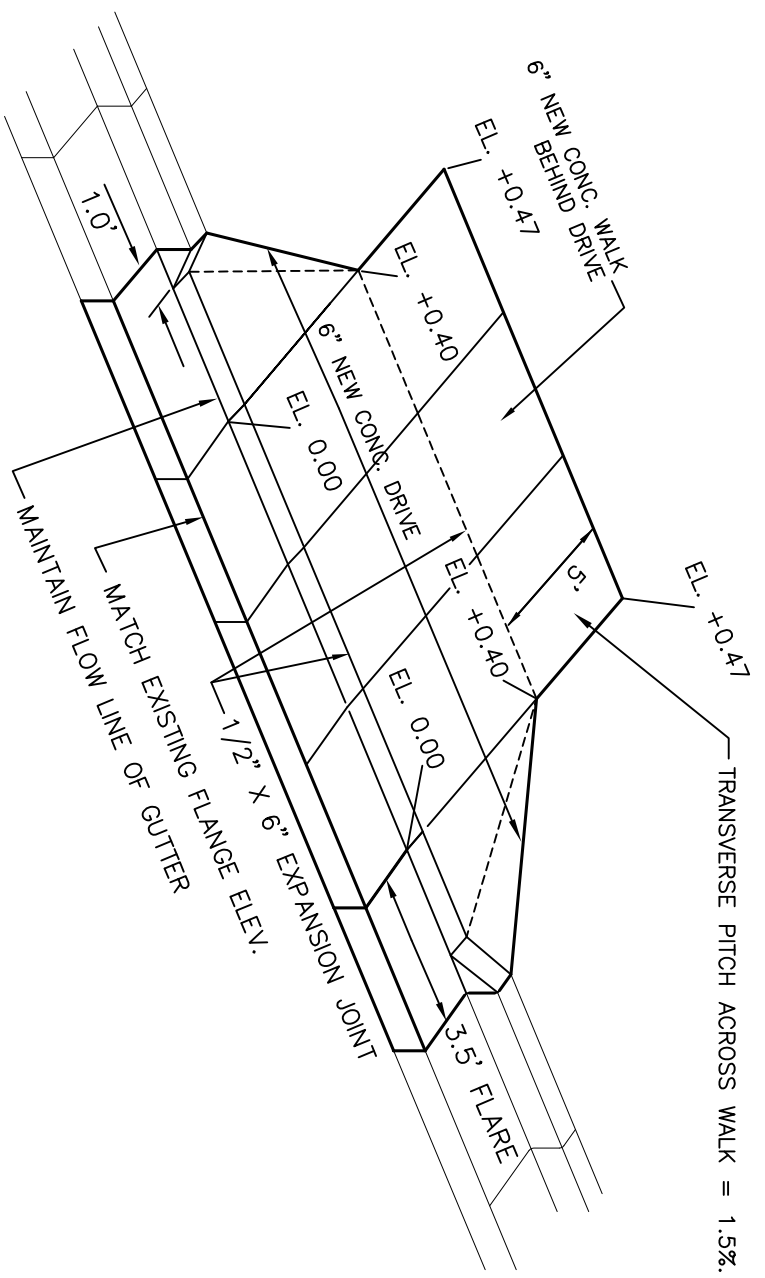
EROSION CONTROL PLAN

C2.0

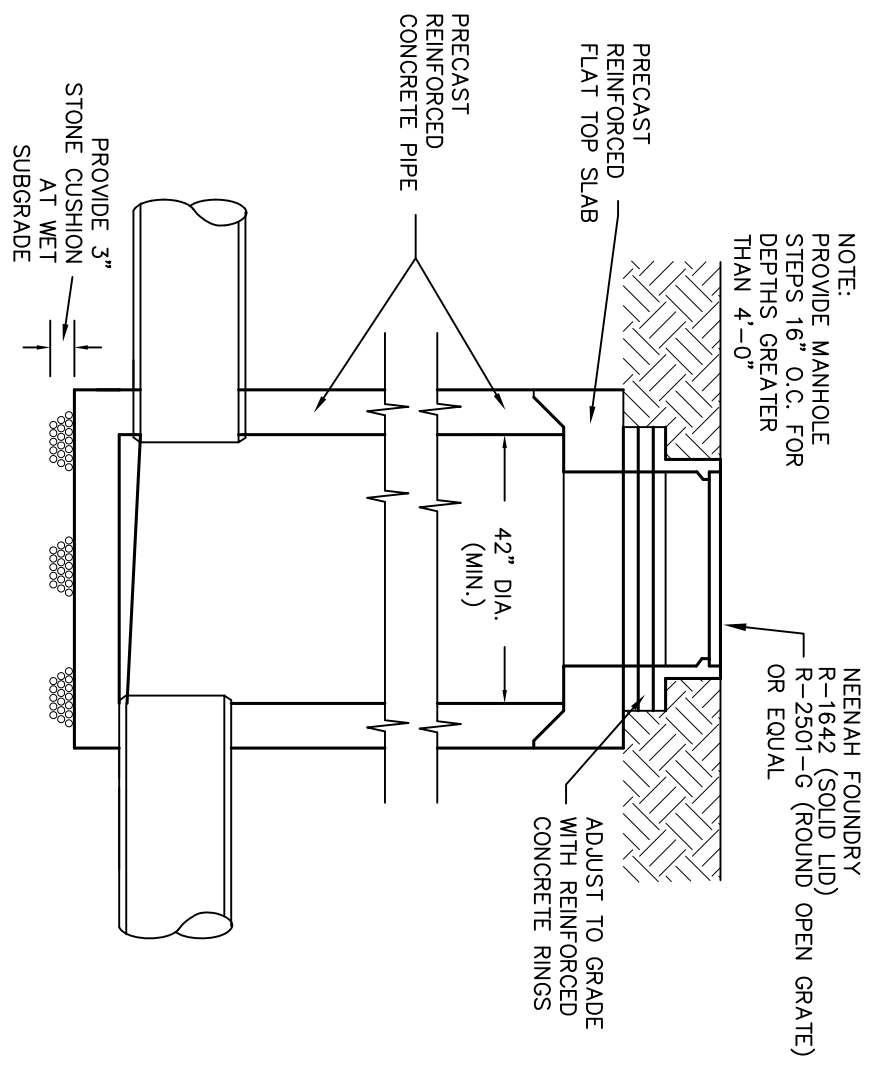
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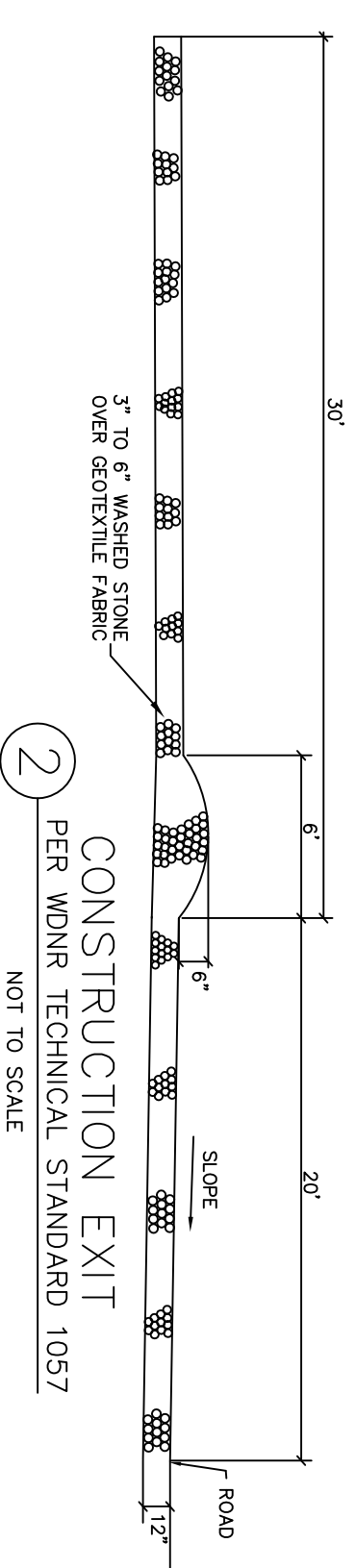




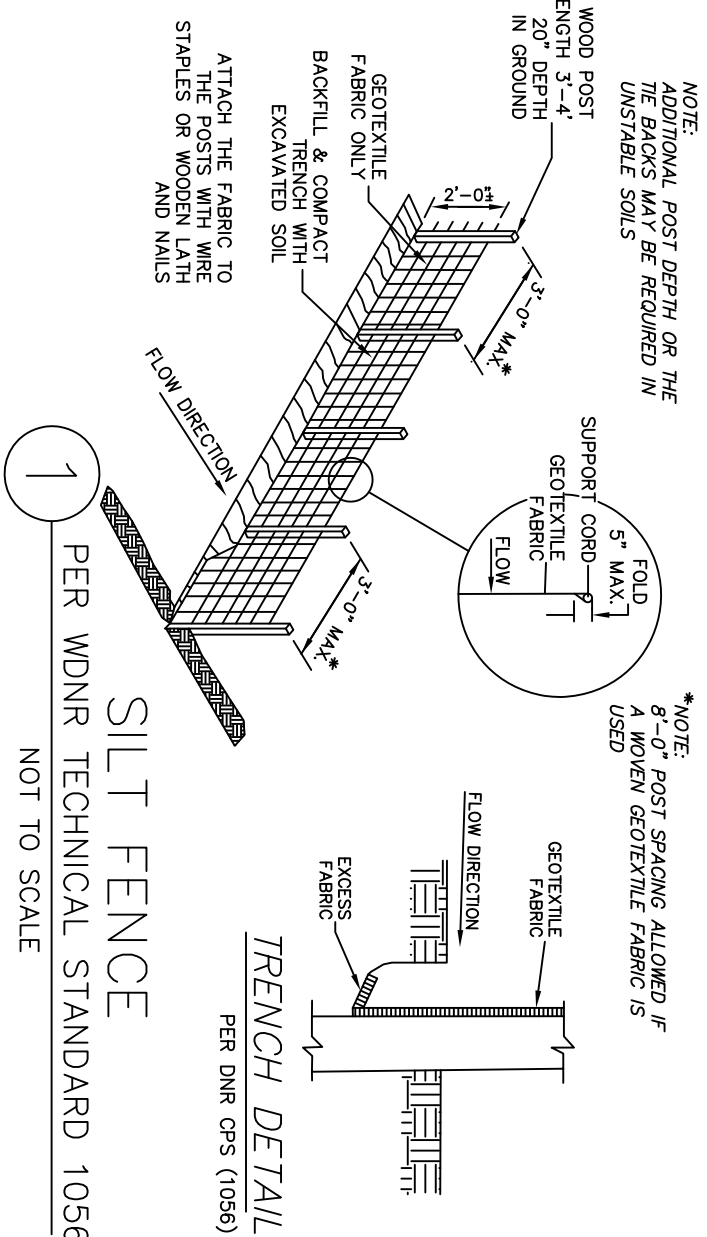
CONCRETE DRIVEWAY APPROACH
(PER ADA AND CITY OF WAUKESHA REQUIREMENTS)
NOT TO SCALE



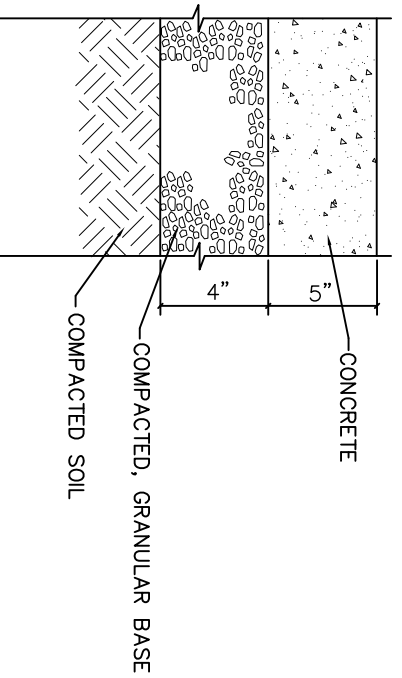
PRIVATE PRECAST STORM MH/INLET
NOT TO SCALE



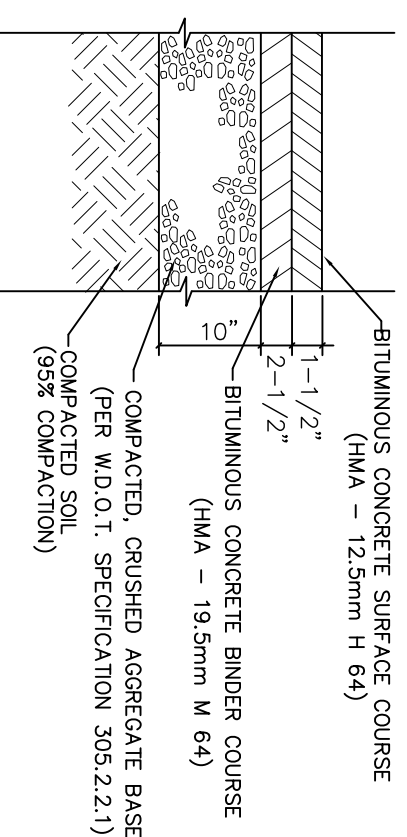
CONSTRUCTION EXIT
PER WDNR TECHNICAL STANDARD 1057
NOT TO SCALE



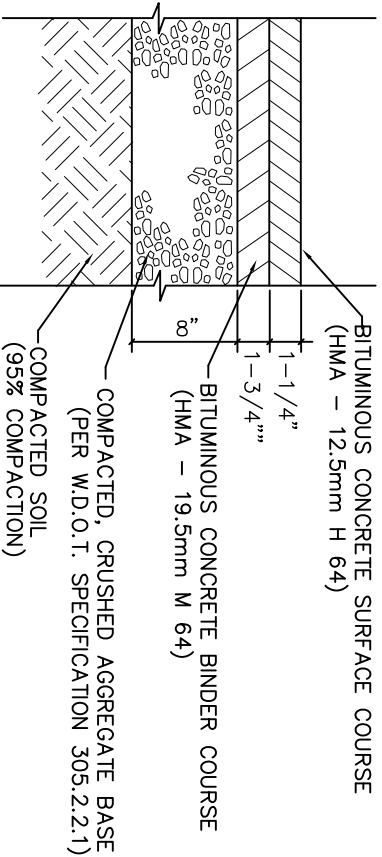
SILT FENCE
PER WDNR TECHNICAL STANDARD 1056
NOT TO SCALE



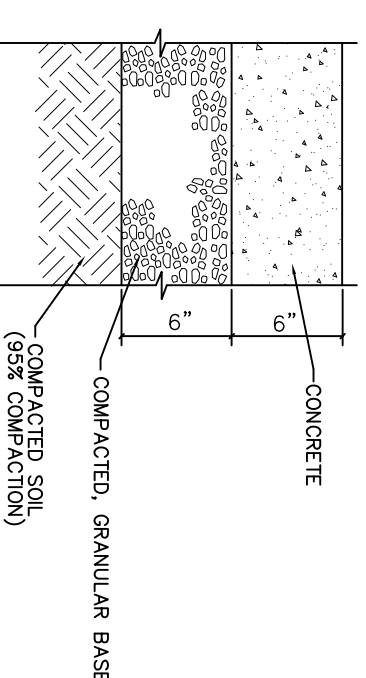
CONCRETE SIDEWALK
NOT TO SCALE



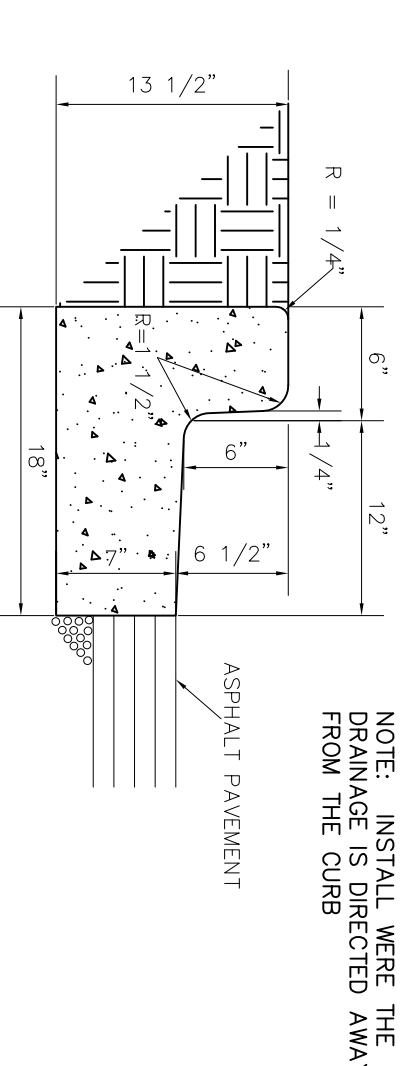
HEAVY DUTY ASPHALT PAVEMENT
(TRUCK TRAFFIC AREA)
NOT TO SCALE



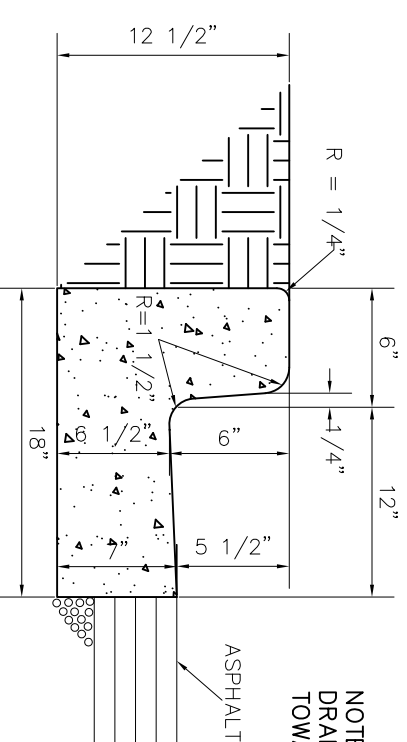
STANDARD ASPHALT PAVEMENT
(PARKING TRAFFIC AREA)
NOT TO SCALE



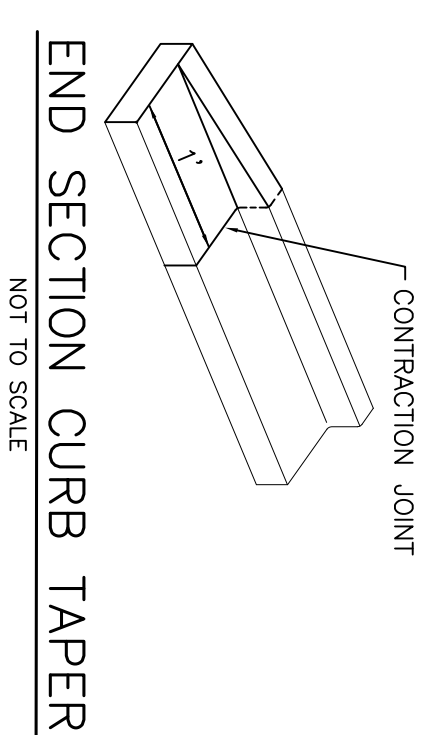
CONCRETE PAVEMENT
(LOADING DOCKS)
NOT TO SCALE



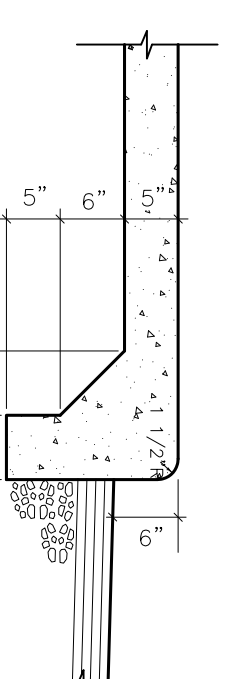
HIGH SIDE CONCRETE CURB DETAIL
NOT TO SCALE



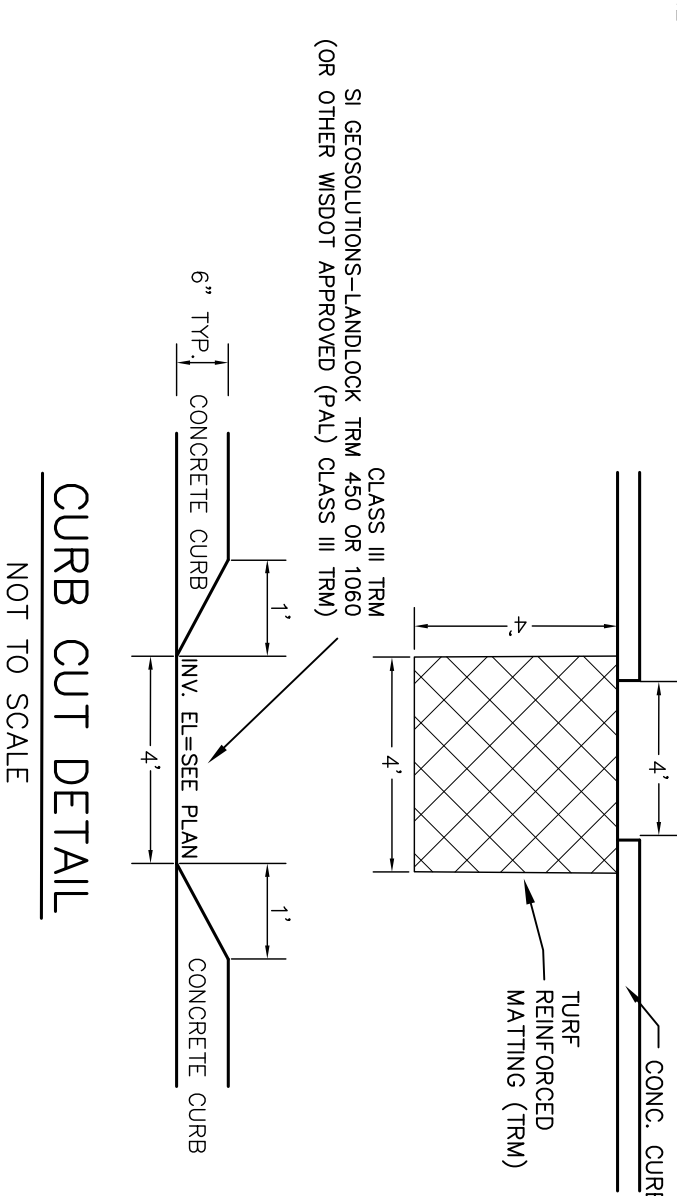
LOW SIDE CONCRETE CURB DETAIL
NOT TO SCALE



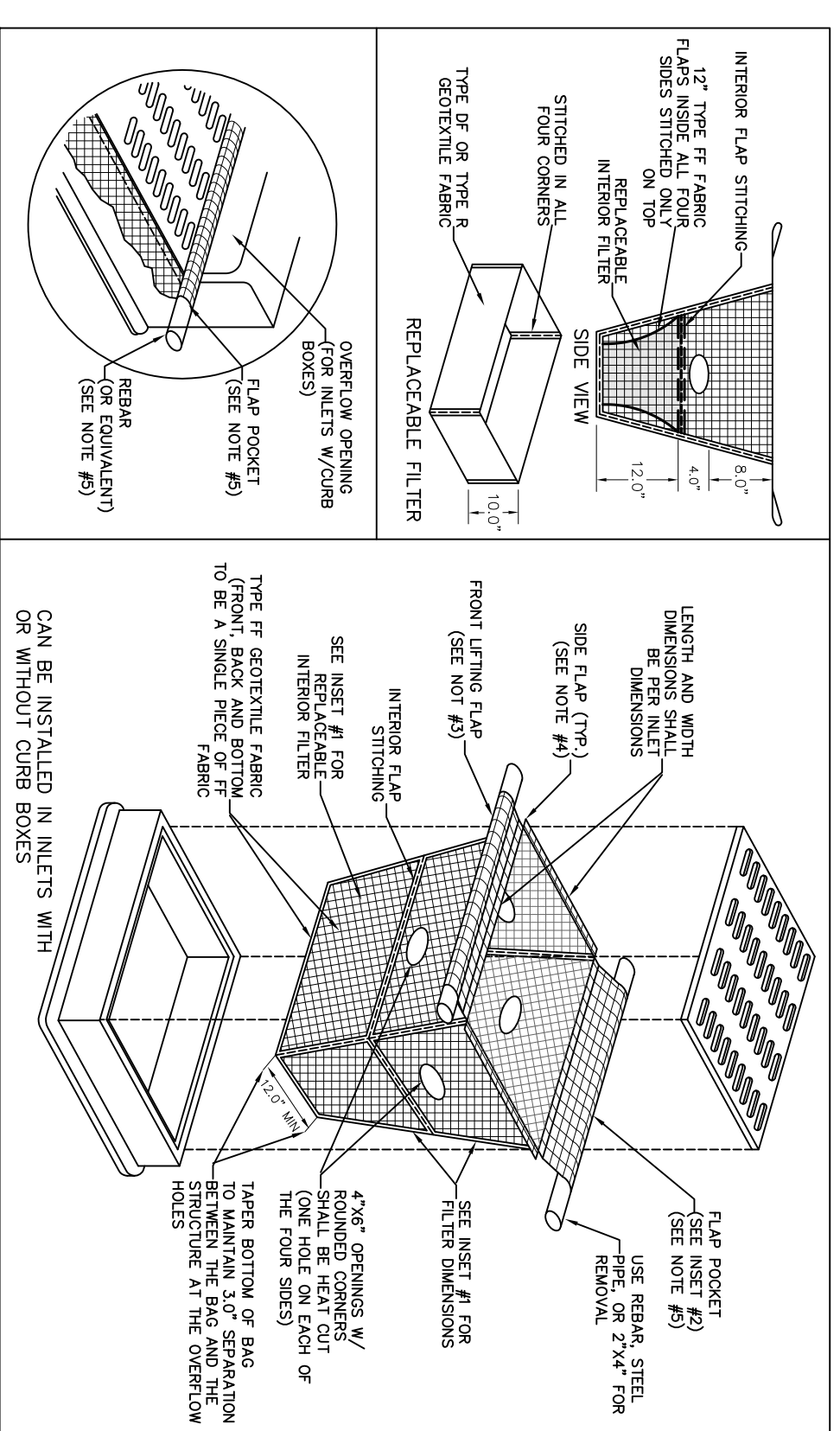
END SECTION CURB TAPER
NOT TO SCALE



RAISED CONCRETE WALK WITH INTEGRAL CURB
NOT TO SCALE



CURB CUT DETAIL
NOT TO SCALE



INLET PROTECTION, TYPE D-M
PER WDNR TECHNICAL STANDARD 1060
NOT TO SCALE

- SILT FENCE CONSTRUCTION SPECIFICATIONS**
PER DNR QPS (1056)
- Construction site fence around the disturbed area shall be constructed of fabric and posts to prevent sediment from being washed into the trench.
 - Length posts per DNR QPS (1056)
 - When joints are necessary, refer to DNR QPS (1056)
 - When joints are necessary, refer to DNR QPS (1056)
 - The filter fabric shall be ordered by spreading at least 8 inches of fabric in a 4' x 6' trench.
 - The filter fabric shall be stored and/or transported in a manner that will prevent damage to the fabric.
 - Post to be 1 1/2" x 1 1/2" heavy or oak, 3 feet long, spaced a minimum of 3 feet apart.
 - Use wire reinforcement in undisturbed minor areas.
 - Use wood approval site fence.

- NOTES:**
- TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW.
 - FRONT LIFTING FLAP IS TO BE USED WITH REMAINING AND MAINTAINING FILTER BAG.
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- MAINTENANCE NOTES:** MAINTAINING INLET PROTECTION CURB SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.