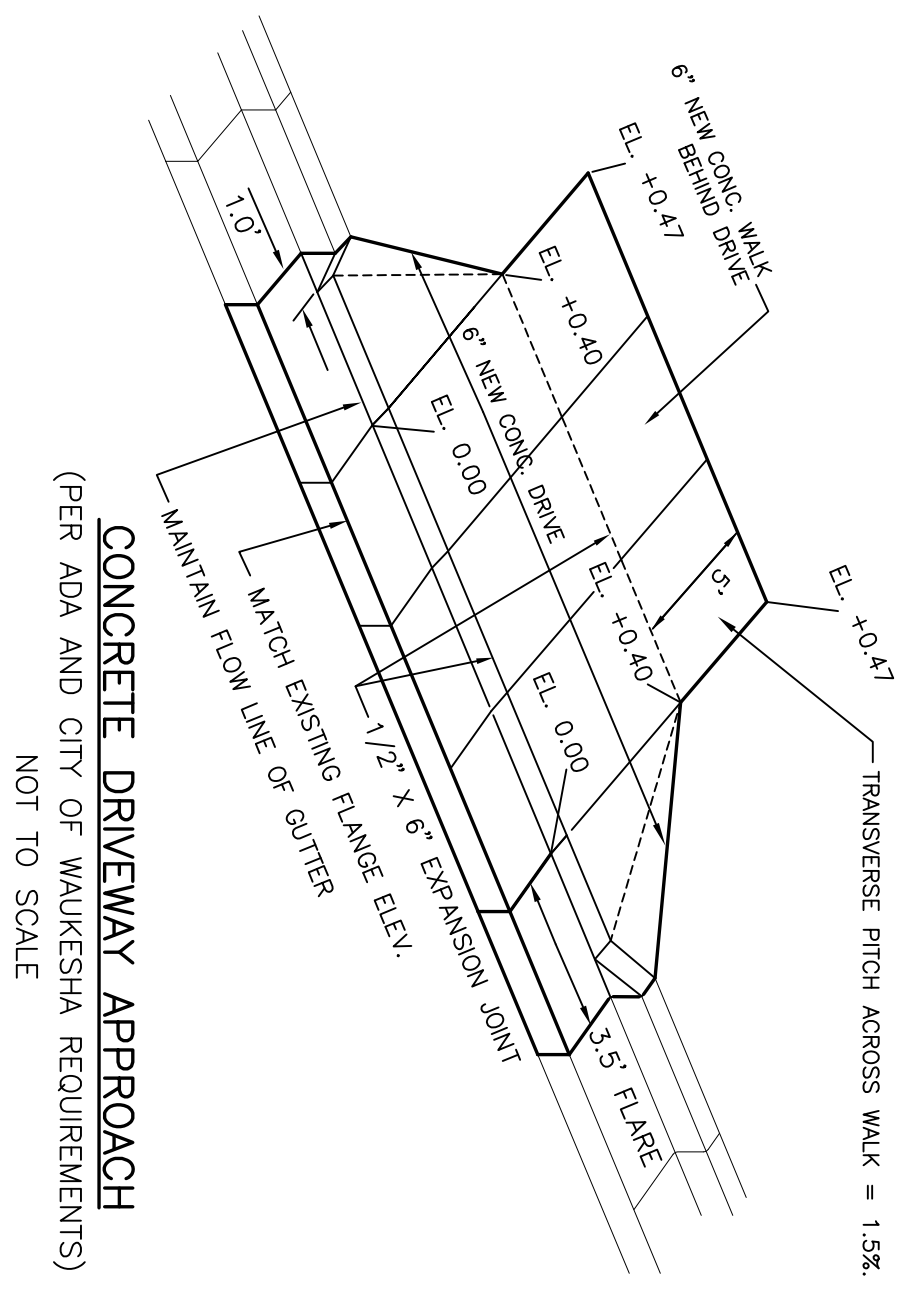
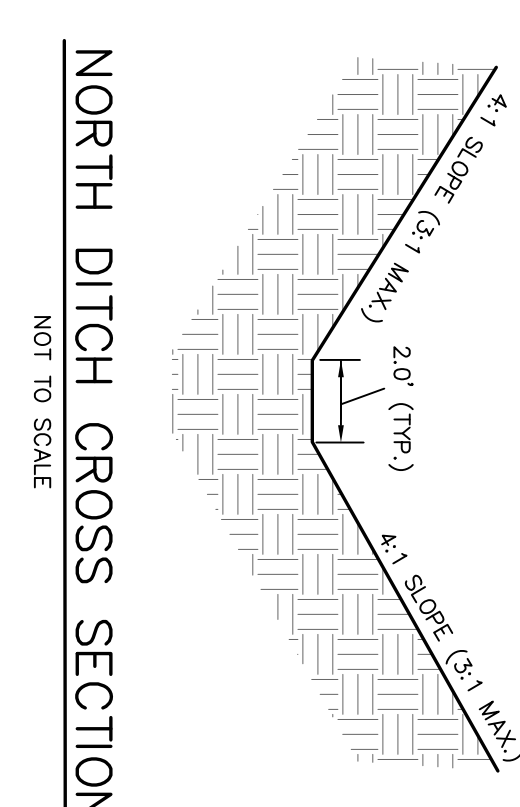
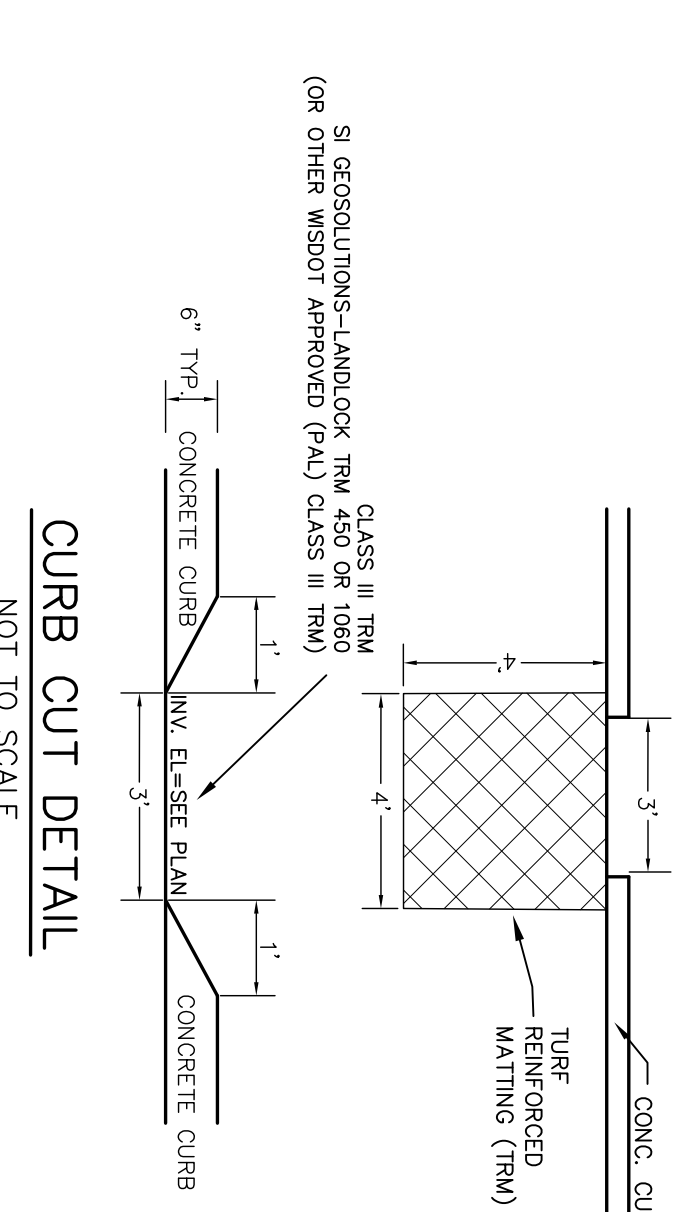
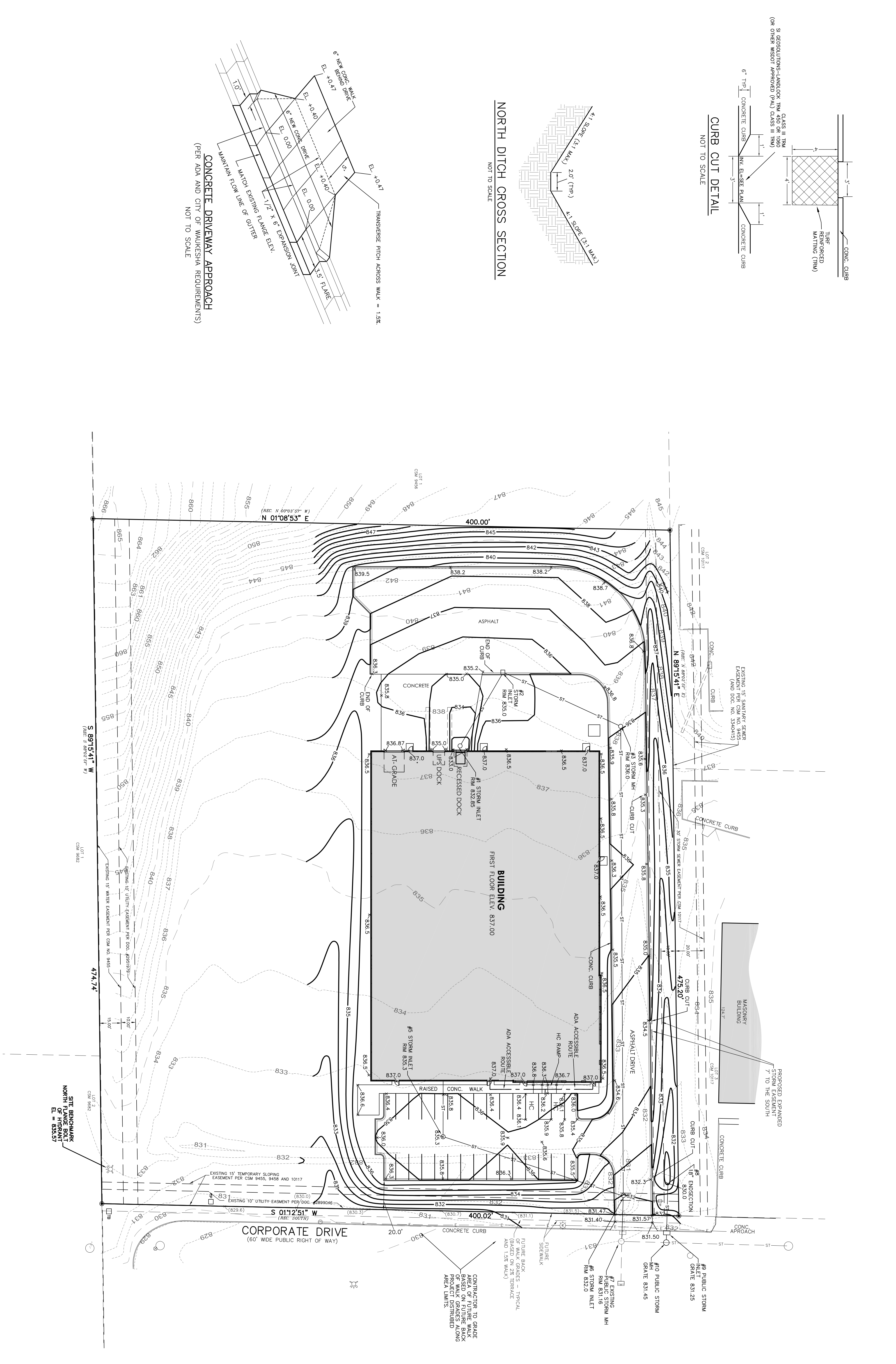


BRELIE GEAR
CORPORATE ROAD WAUKESHA, WI

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FEBRUARY 15, 2019

SITE GRADING PLAN C2.0

SHEET 2 OF 4



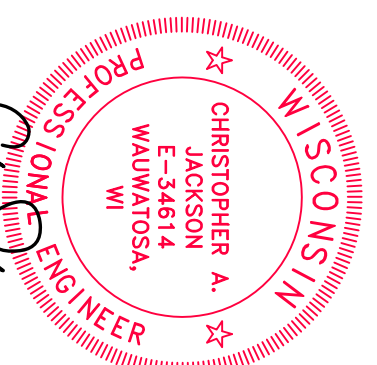
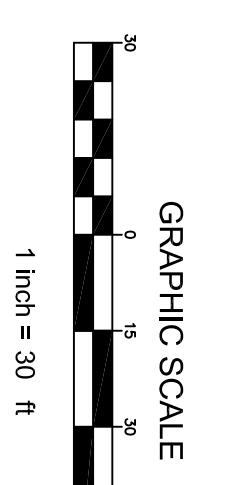
LEGEND

---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	PROPOSED ELEVATION
---	EXISTING STORM SEWER
---	PROPOSED STORM SEWER
---	PROPOSED SILT FENCE

- NOTES:**
- GRADES ALONG THE CURB OR RAISED WALK ARE AT THE BOTTOM OF CURB OR WALK.
 - DISTURBED AREA = 120,000 SF. (2.75 ACRES)
 - STORM WATER MANAGEMENT IS PROVIDED BY A REGIONAL OFF SITE STORM WATER POND.
 - CURRENT CITY STANDARD SPECIFICATIONS SHALL BE FOLLOWED FOR ALL WORK IN THE PUBLIC RIGHT OF WAY.
 - LIMITS OF FINAL CITY STREET PAVEMENT AND CURB AND GUTTER REMOVAL AND REPLACEMENTS TO BE MARKED BY CITY ENGINEERING STAFF IN FIELD.

SITE AREA:

PROPERTY AREA = 188,889 SF. (4.309 ACRES)
BUILDING FOOTPRINT = 30,546 SF.
PAVEMENT = 28,006 SF.
TOTAL IMPERVIOUS AREA = 74,452 SF. (1.711 ACRES)
GREEN SPACE = 115,333 (2.648 ACRES) 60.7%



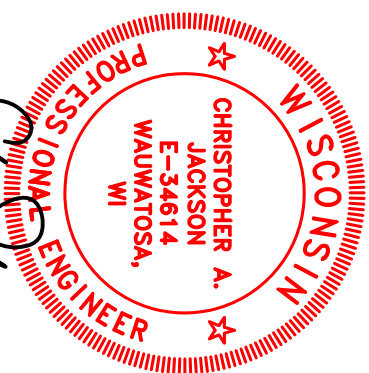
BRELIE GEAR
CORPORATE ROAD WAUKESHA, WI

SITE UTILITY PLAN

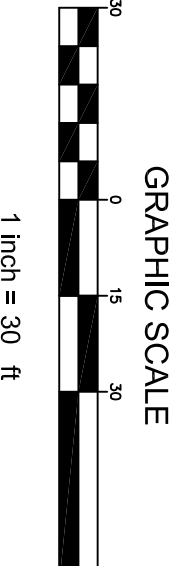
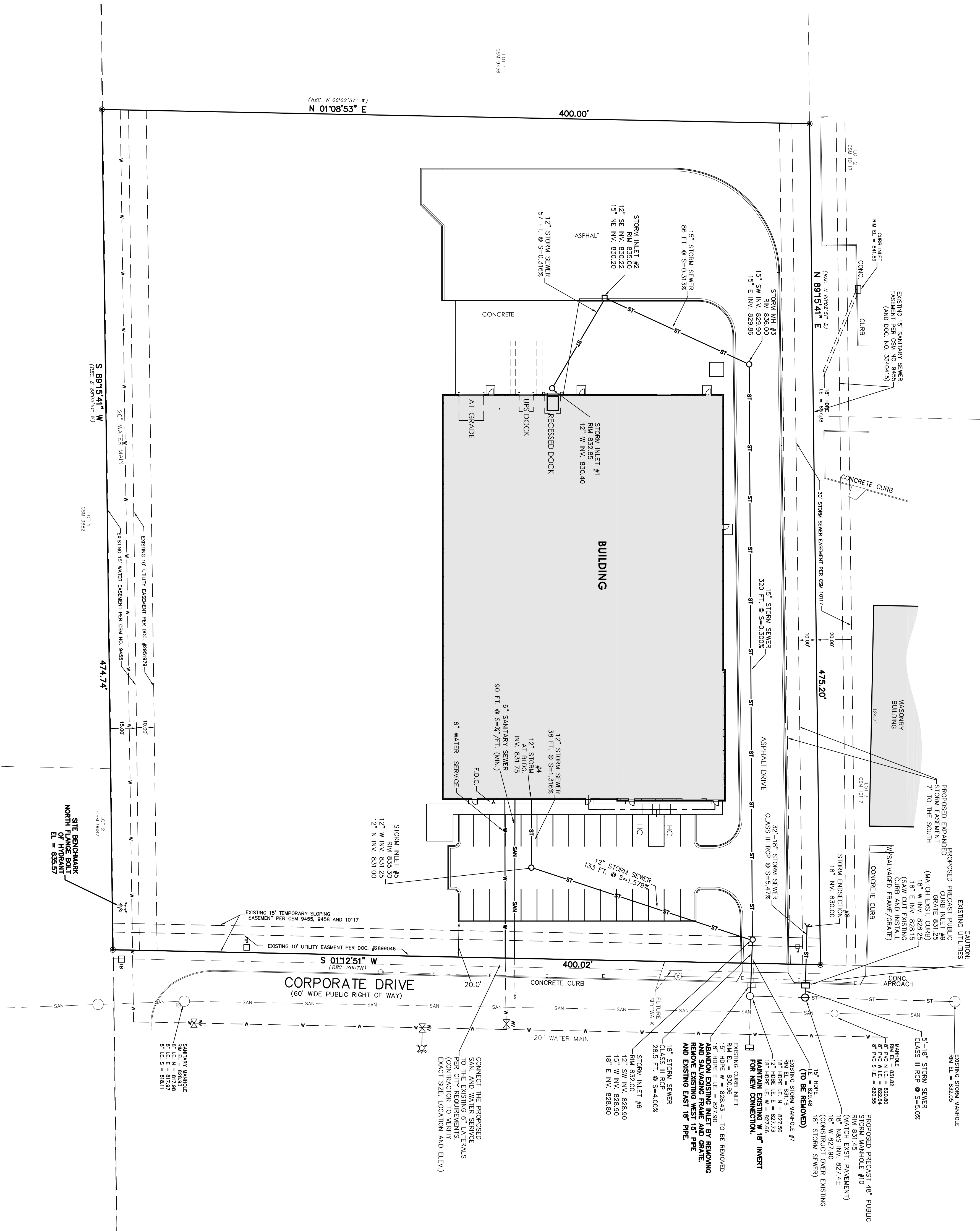
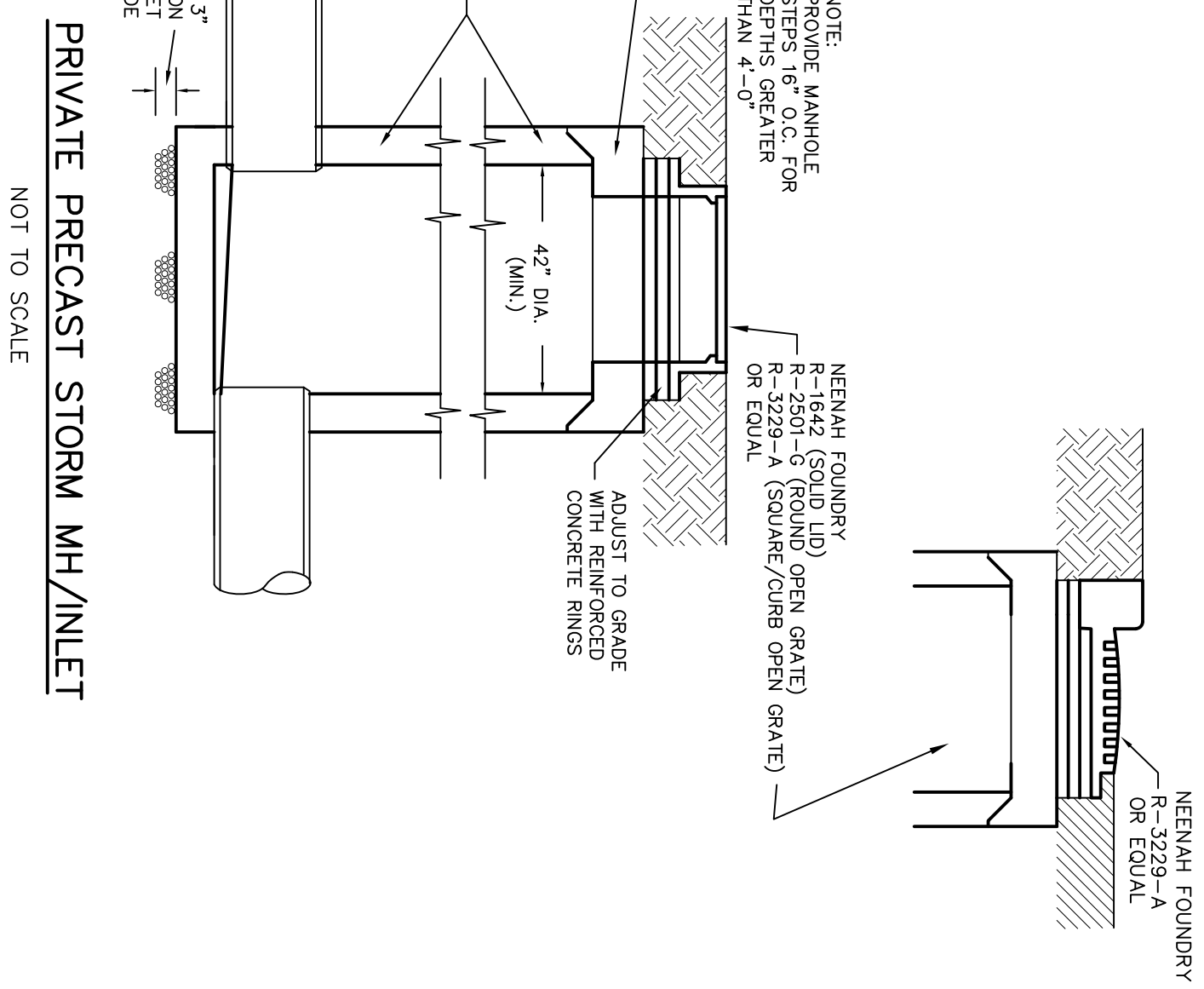
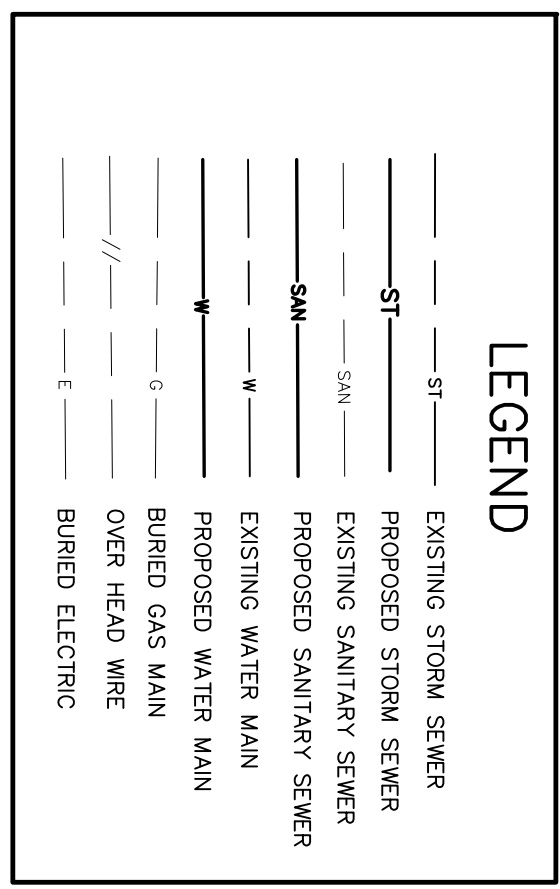
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SHEET 3 OF 4

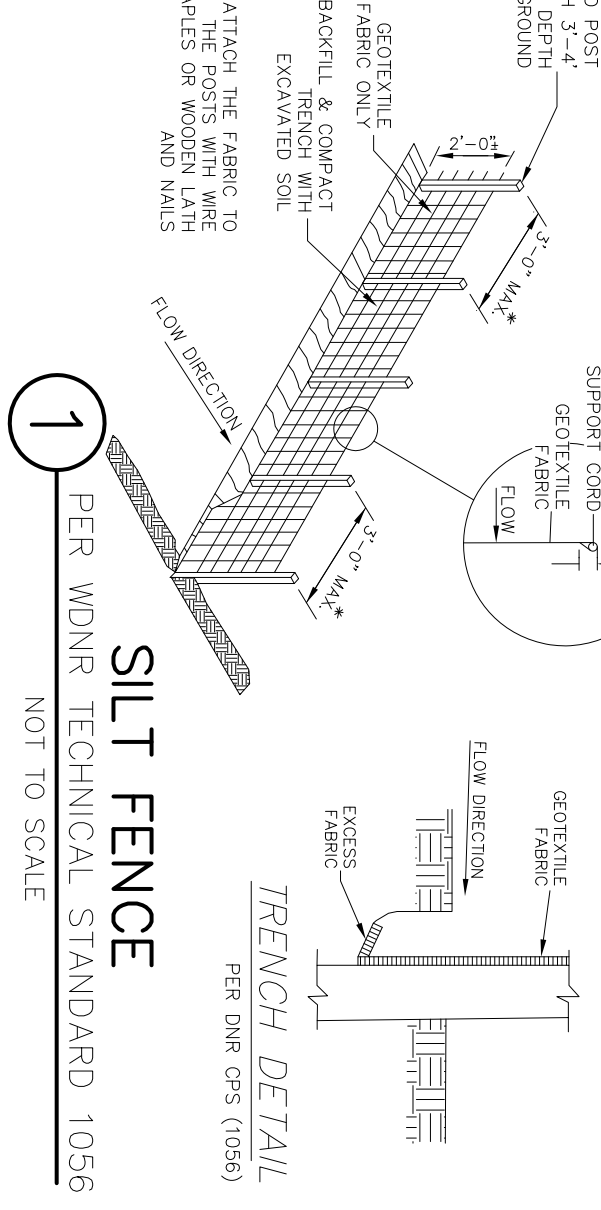
CJE NO.: 1841RS
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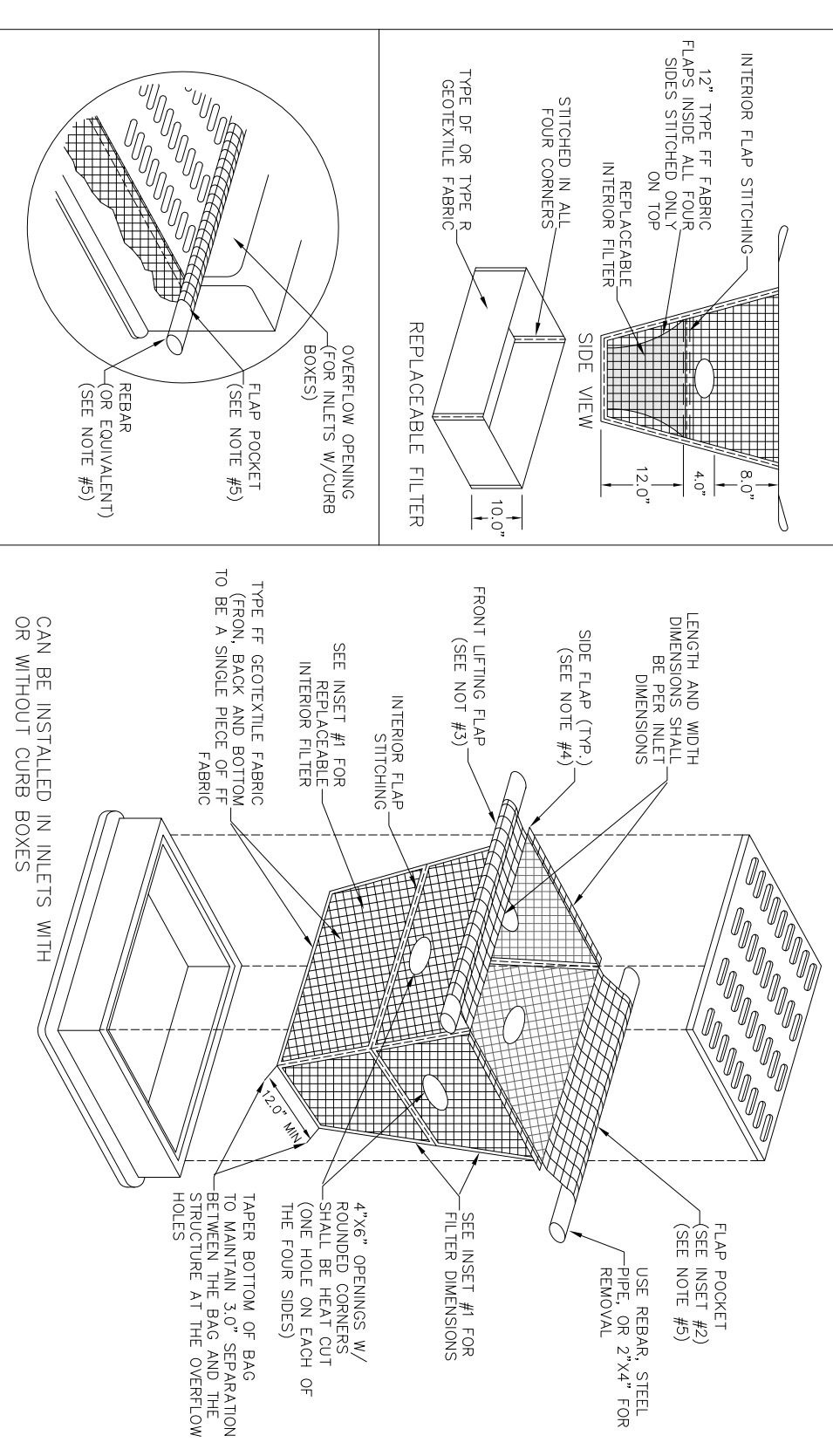
- NOTES:**
1. ALL SANITARY SEWER AND WATER MAIN MATERIALS AND INSTALLATION PER APPLICABLE SECTIONS OF THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, WISCONSIN ADMINISTRATIVE PLUMBING CODE AND THE CITY OF WAUKESHA SHALL BE USED UNLESS OTHERWISE NOTED.
 2. ALL TRENCHES IN PAVEMENT AREAS SHALL HAVE GRAVEL BACKFILL.
 3. EXACT SIZE AND LOCATION OF SANITARY AND WATER SERVICE TO PROPOSED BUILDINGS BY PLUMBING CONTRACTOR TO BE DETERMINED.
 4. PROPOSED WATER SERVICE SHALL HAVE A MINIMUM 6 FEET OF COVER.
 5. THE CONTRACTOR SHALL VERIFY ALL SEWER AND WATER CONNECTIONS PRIOR TO UTILITY CONSTRUCTION.
 6. THE PROPOSED STORM SEWER HAS BEEN DESIGNED FOR THE 10-YEAR STORM EVENT.
 7. UNLESS OTHERWISE LABELED OTHERWISE, PIPE N-12 OR PVC ASTM D224 FOR SANITARY SEWER, PVC ASTM D3024, SDR 35 FOR WATER MAIN, PVC ASTM D1799, SDR 35 FOR WATER MAIN, CONCRETE WATER MAIN.
 8. DISTURBED AREA = 120,000 SF. (2.73 ACRES)
 9. STORM WATER MANAGEMENT IS PROVIDED BY A REGIONAL OFF SITE STORM WATER POND.
 10. CURRENT CITY OF WAUKESHA STANDARD SPECIFICATIONS SHALL BE FOLLOWED FOR ALL WORK IN THE PROJECT AREA UNLESS OTHERWISE NOTED.
 11. FOR ALL PUBLIC STORM SEWER CONSTRUCTION, CONTRACTOR TO FOLLOW CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS AND COMMUNITY DEVELOPMENT HANDBOOK, 2019 EDITION.
 12. THE CONTRACTOR SHALL PROVIDE A POST CONSTRUCTION SANITARY SEWER LATERAL VIDEO OF THE SANITARY LATERAL CONNECTION TO THE PROPOSED BUILDING. IF LATERAL MAINTENANCE IS NEEDED ON THE PROJECT, THE CONTRACTOR SHALL PROVIDE THE LATERAL IMPROVEMENTS SHALL BE INCLUDED AS PART OF THIS PROJECT.



SILT FENCE CONSTRUCTION SPECIFICATIONS

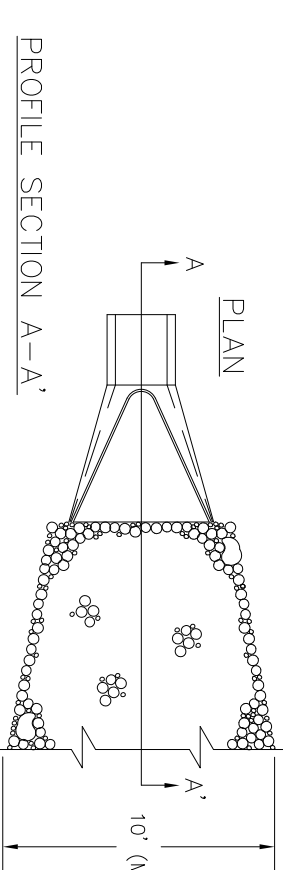


1. Construction all areas around the disturbed area shall be completed prior to the silo fence installation.
2. Locate posts per DME OPS 1026
3. Place joints per manufacturer, refer to DME OPS 1026
4. Place fabric in 10' to 15' increments, depending on the amount of material in the area. The fabric shall be anchored by geotextile fabric.
5. The fabric shall be installed by spreading the fabric from the inside of the trench and rolling it out to the outside.
6. The fabric shall be secured to the ground by a minimum of 5' of soil.
7. The fabric shall be secured to the ground by a minimum of 5' of soil.
8. The fabric shall be secured to the ground by a minimum of 5' of soil.
9. The fabric shall be secured to the ground by a minimum of 5' of soil.



INLET PROTECTION, TYPE D-M

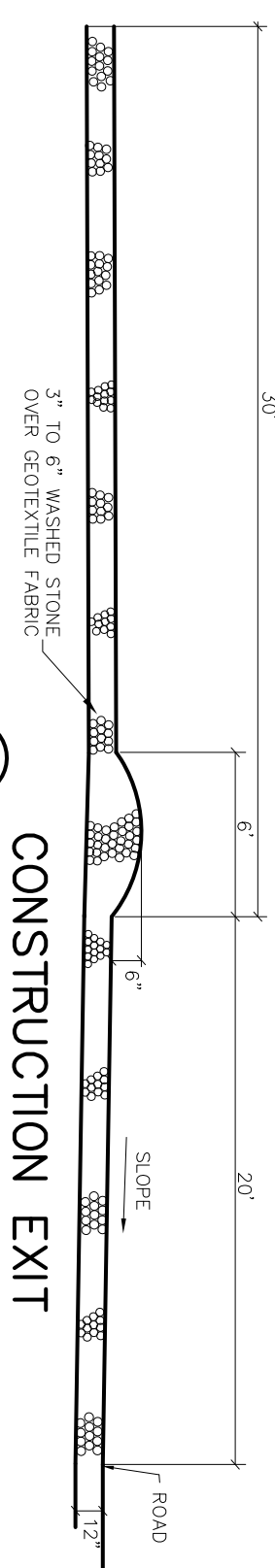
NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
1. The fabric shall be installed in 10' to 15' increments, depending on the amount of material in the area.
 2. The fabric shall be secured to the ground by a minimum of 5' of soil.
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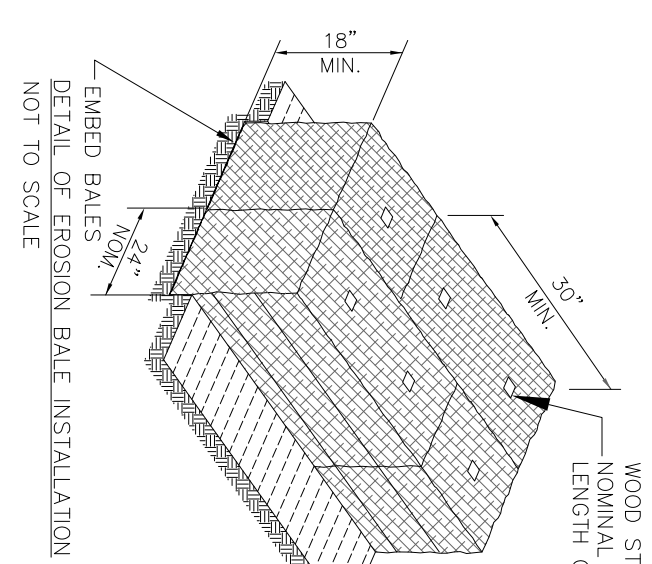
OUTLET PROTECTION FOR ENDSECTION

NOT TO SCALE



CONSTRUCTION EXIT

NOT TO SCALE



HAY BALE DITCH CHECK

NOT TO SCALE

LEGEND

- B41 ----- EXISTING CONTOUR
- B35 ----- PROPOSED CONTOUR
- X3X3 ----- PROPOSED ELEVATION
- ST ----- EXISTING STORM SEWER
- ST ----- PROPOSED STORM SEWER

NOTES:

1. GRADES ALONG THE CURB OR RAISED WALK ARE AT THE BOTTOM OF CURB OR WALL.
2. DISTURBED AREA = 121,000 SF. (2.78 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.

EROSION MATTING

- LETTER NUMBER OR FINAL GRADE AND TOPSOILING, PROVIDE CLASS 1, TYPE B ROADSIDE EROSION CONTROL MATS, SIDE BY SIDE WITH EXISTING MATS, SIDE 4:1 FOR INSTALL PER MANUFACTURER'S SPECIFICATIONS.

WINTER CONDITIONS

- CONTRACTOR TO PROVIDE EROSION CONTROL MATS TO PROTECT EXPOSED SOILS FROM WINTER WEATHER. CONTRACTOR TO PROVIDE EROSION CONTROL MATS TO PROTECT EXPOSED SOILS FROM WINTER WEATHER.

TEMPORARY STABILIZATION METHODS

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

Species	Lbs./Acres	Percent Fertility
Creole Fescue	131	97
Winter Wheat	97	97
Field Peas	80	97
Field Peas	80	97

LAND APPLICATION OF SEEDS: DURING NON-GROWING SEASON (NOVEMBER 1 - MAY 1) CONTRACTOR TO PROVIDE TYPE B SOIL STABILIZER DURING THE CONSTRUCTION. STABILIZER TO BE APPLIED TO EXPOSED SOILS AT A RATE OF 1.0 TON PER ACRE (11/2/2017) - SEE WNR TECHNICAL STANDARD 1096.

CONSTRUCTION SCHEDULE

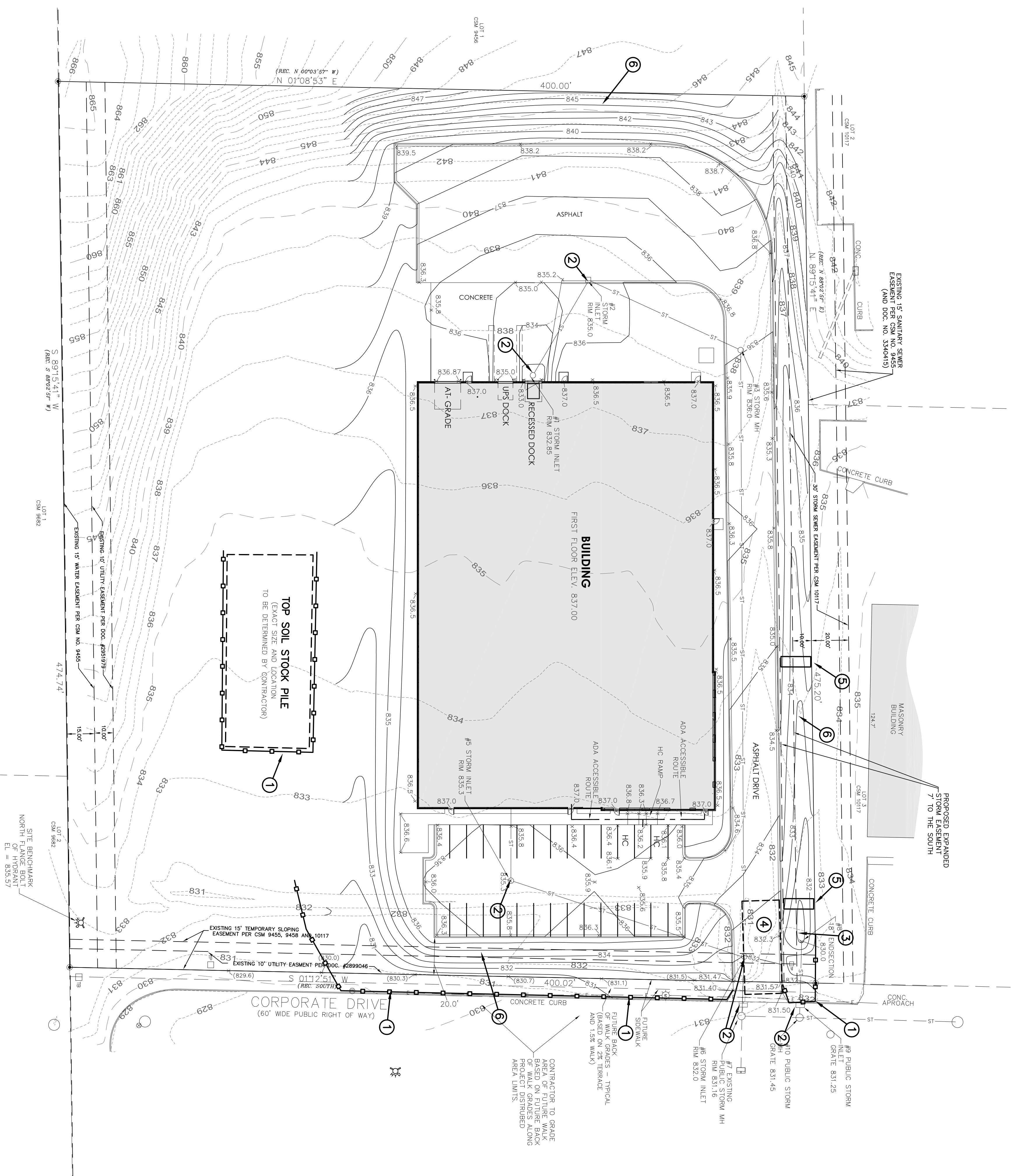
1. OBTAIN PERMITS AND OTHER APPLICABLE PERMITS
2. EXISTING EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT CONSTRUCTION
3. EXISTING EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT CONSTRUCTION
4. INSTALL SILT FENCE
5. EXISTING EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT CONSTRUCTION
6. EXISTING EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT CONSTRUCTION
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14. EXISTING EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT CONSTRUCTION
15. EXISTING EROSION CONTROL MEASURES TO BE MAINTAINED THROUGHOUT CONSTRUCTION

MAINTENANCE PLAN

1. ALL EROSION CONTROL PRACTICES WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
2. EROSION CONTROL PRACTICES WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. EROSION CONTROL PRACTICES WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
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15. EROSION CONTROL PRACTICES WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.

EROSION CONTROL PRACTICES SCHEDULE

- 1 SILT FENCE
- 2 INLET GRADE SCREEN
- 3 OUTLET PROTECTION
- 4 CONSTRUCTION EXIT
- 5 HAYBALE DITCH CHECK
- 6 EROSION MATTING



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