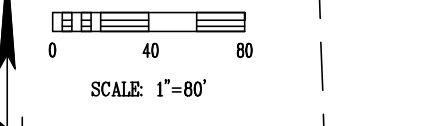


CONTRACTOR SHALL PROTECT ALL ADJOINING PROPERTIES FROM DISRUPTION DURING CONSTRUCTION ACTIVITIES.



EXISTING TREES, FENCE, GRAVEL DRIVE AND BUILDING TO BE REMOVED BY CONTRACTOR

PROPERTY BOUNDARY

STABILIZED CONSTRUCTION ENTRANCE PER DETAIL

DISCHARGE POINT

SWPPP DOCUMENT LOCATION

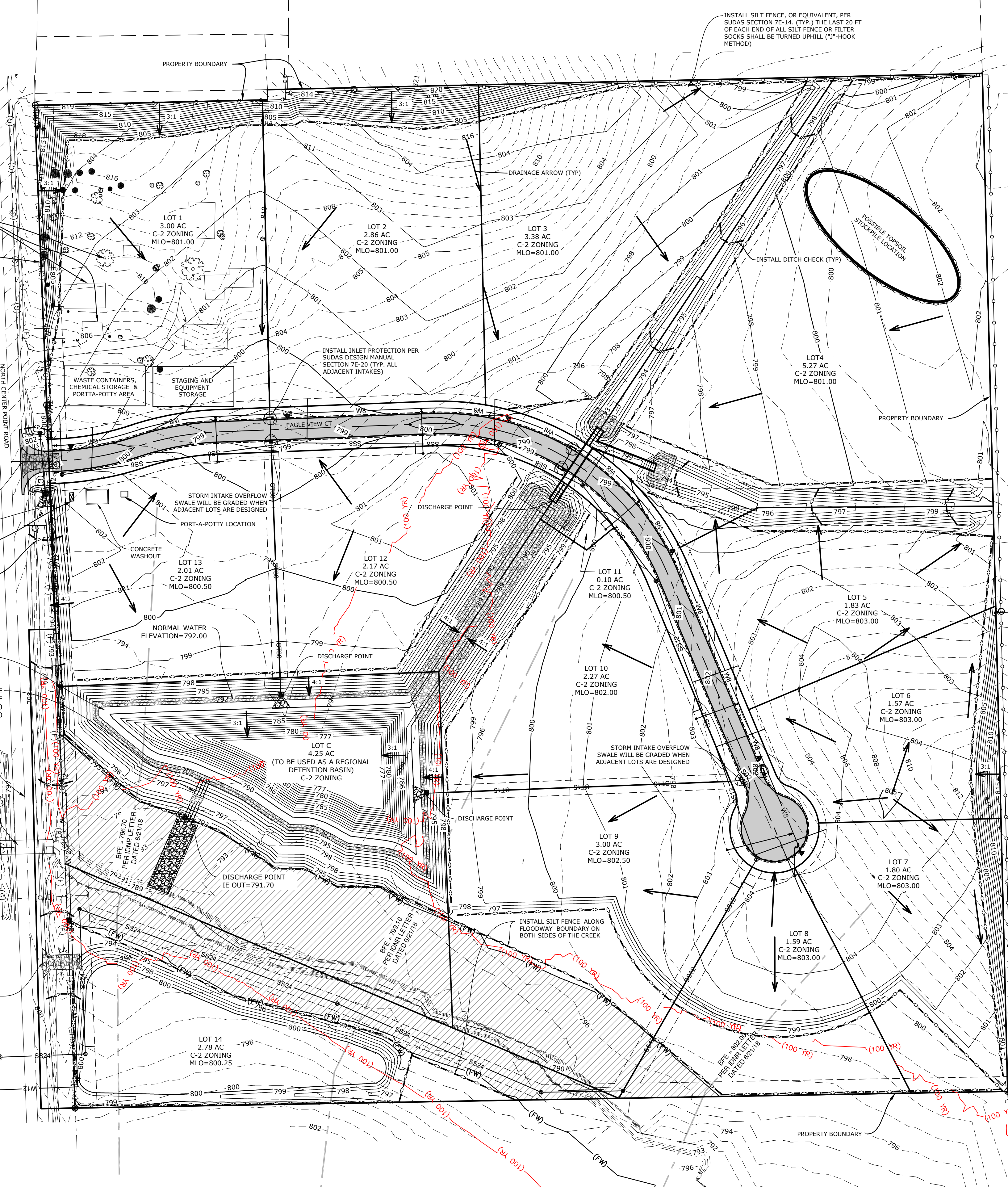
INSTALL DITCH CHECK (TYP)

TOP OF 8' WIDE BERM=798.50
200' OVERFLOW SPILLWAY ELEV=797.50
NORMAL WATER ELEV=792.00

OVERFLOW ELEVATION @ CENTER LINE OF N. CENTER POINT ROAD = 798.50

EXISTING TWIN 6" X 8" BOX CULVERT
IE (IN) = 788.07
IN (OUT) = 787.57

STABILIZED CONSTRUCTION ENTRANCE AT EXISTING FIELD ENTRANCE PER DETAIL

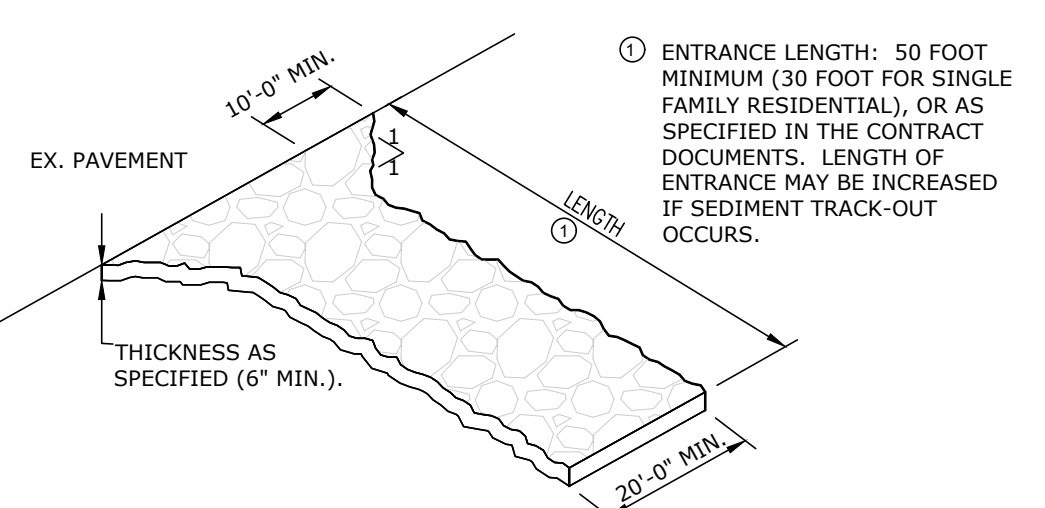
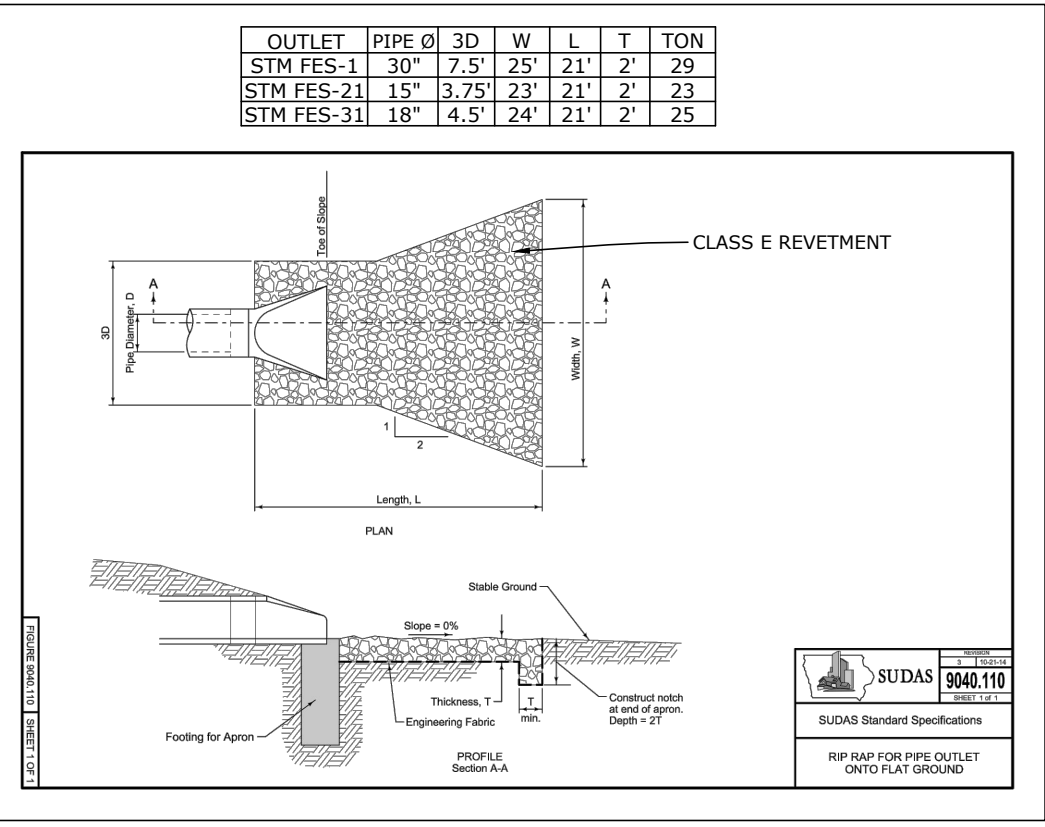
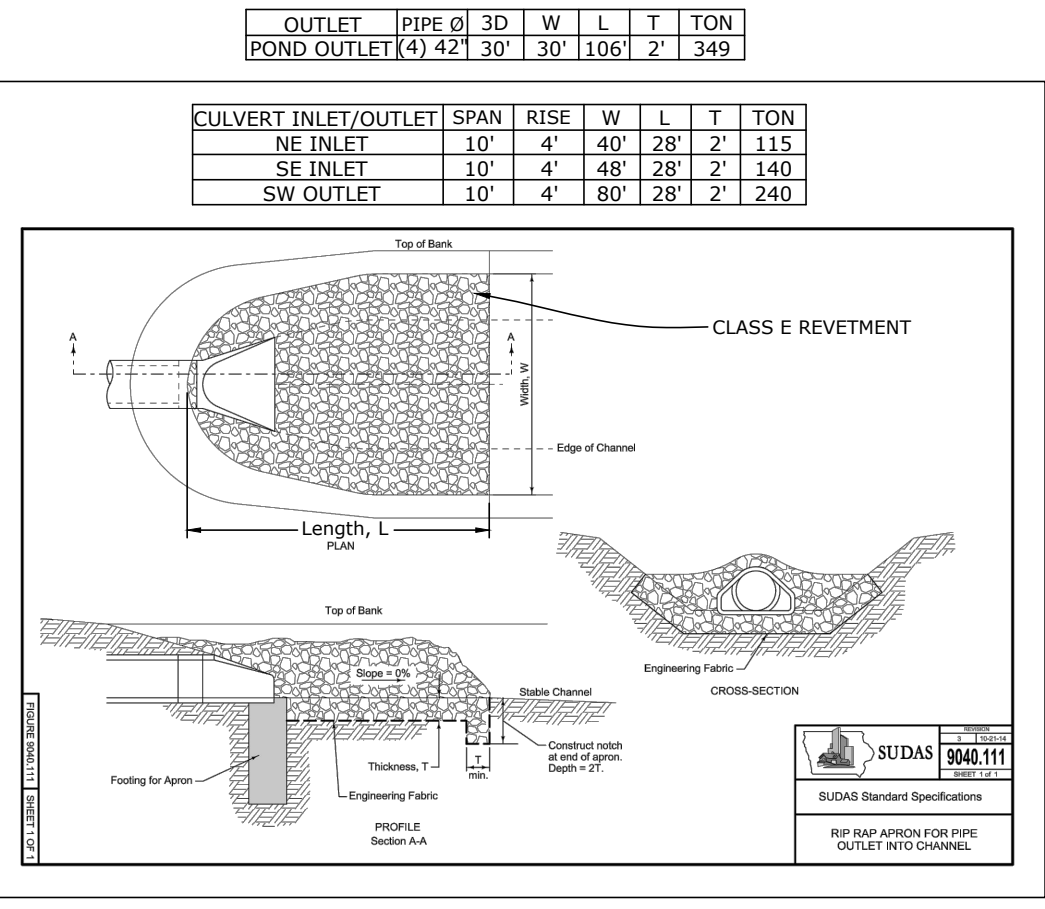
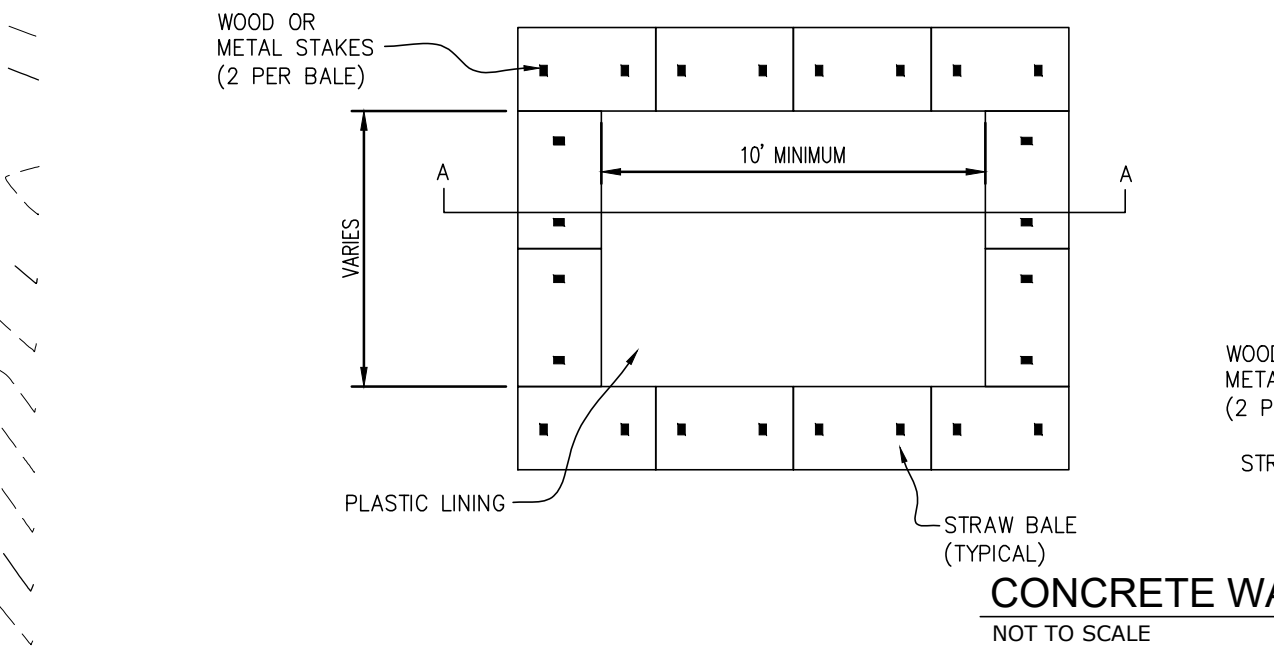


GRADING NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SUDAS SPECIFICATIONS AND DETAILS, LATEST EDITION.
 - FILL AREAS WITHIN STREETS AND AREAS OF 3' OR GREATER FILLS WITHIN POTENTIAL FUTURE BUILDING AREAS AS SHOWN ON THE GRADING PLAN REQUIRE SOIL TESTING BY AN APPROVED GEOTECHNICAL FIRM. THESE AREAS TO RECEIVE STRUCTURAL FILL AND TESTING PER LOCAL BUILDING DEPARTMENT REQUIREMENTS. PROVIDE TESTING RESULTS TO OWNER AND ENGINEER OF RECORD.
 - A GEOTECHNICAL FIRM SHALL PERFORM SLOPE STABILITY ANALYSIS ON DETENTION BASIN BERM AND DETENTION BASIN SIDE SLOPES PRIOR GRADING ACTIVITIES IN THIS AREA.
 - CONTRACTOR SHALL STRIP ALL ORGANIC MATERIAL WITHIN GRADING LIMITS. A MINIMUM 6" DEPTH. REFER TO SUDAS FOR ALL OTHER GRADING REQUIREMENTS.
 - VERIFY STOCKPILE LOCATION AND VOLUME WITH OWNER PRIOR TO COMMENCING WORK.
 - EXCESS TOPSOIL TO BE UTILIZED AS FILL OUTSIDE OF FUTURE BUILDING/ROADWAY AREAS TO HELP ACHIEVE A BALANCE ON EARTHWORK.
 - THE PROPOSED CONTOURS SHOWN FOR THE SITE REPRESENT THE TOP OF FINISH GROUND.
- EROSION CONTROL NOTES**
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED PER THE SUDAS STANDARD DETAILS/SPECIFICATIONS, PER THE STORM WATER POLLUTION PREVENTION PLAN AND AS DEEMED NECESSARY BY THE JURISDICTIONAL ENGINEER. CONTRACTOR SHALL BE PREPARED TO INSTALL ADDITIONAL MEASURES THAN THOSE SHOWN ON THE EROSION CONTROL PLAN IF SITE CONDITIONS WARRANT.
 - EROSION CONTROL METHODS SHALL BE IN PLACE PRIOR TO AREAS BEING DISTURBED.
 - EROSION CONTROL DEVICES SHALL BE CHECKED BY THE GENERAL CONTRACTOR EVERY SEVEN (7) DAYS AND AFTER EACH RAINFALL EVENT EQUAL TO 1/2" OR GREATER TO ENSURE WORKING ORDER.
 - REPAIRS TO SOIL EROSION CONTROL DEVICES DEEMED NECESSARY SHALL BE COMPLETED IMMEDIATELY UPON NOTIFICATION OR WITHIN 24 HOURS IF WEATHER DELAYS.
 - MINIMIZE SOIL EROSION AND TRANSPORT BY MAINTAINING ALL EXISTING VEGETATION GROWTH WITHIN THE PROJECT LIMITS FOR AS LONG AS POSSIBLE TO SERVE AS A NATURAL BUFFER. CONTRACTOR TO PROTECT ALL ADJACENT PROPERTIES FROM DISRUPTION AT ALL TIMES.
 - THE CONTRACTOR SHALL STRIP AND STOCKPILE THE TOPSOIL (APPROX. TOP 0.5 FT.), AND RESPREAD THE TOPSOIL FOR FINISHED GRADE WORK (SWPPP REQUIRES A MIN OF 4" OF TOPSOIL RESPREAD OVER ALL DISTURBED PORTIONS OF THE SITE. IF THERE IS NOT ENOUGH TOPSOIL STOCK PILED ON SITE THE CONTRACTOR SHALL IMPORT AND SPREAD TOPSOIL UNTIL AT LEAST 4" COVERS ALL DISTURBED AREAS).
 - WHEN CONSTRUCTION ACTIVITIES ARE COMPLETE, RESPREAD TOPSOIL OVER THE DISTURBED SITE AT 4 TO 6 INCHES. THEN PROVIDE SEEDING ON THE RESPREAD TOPSOIL AS SPECIFIED IN SUDAS.
 - PROVIDE TEMPORARY SEEDING IN DISTURBED AREAS WHERE OPERATIONS WILL NOT COMMENCE OR PERMANENT SEEDING WILL NOT BE COMPLETED FOR A PERIOD OF 14 DAYS OR MORE.
 - ALL SLOPES 4:1 OR GREATER SHALL BE COVERED WITH WOOD EXCELISOR MATTING OR SODDED.
 - CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SEDIMENT BASINS PER SUDAS UNTIL FINAL GRADING AND SEEDING HAS BEEN PERFORMED ON THE SITE. CONTRACTOR SHALL REMOVE ALL SEDIMENT FROM THE BASINS ONCE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETE.
 - SILT FENCES SHALL BE INSTALLED PER SUDAS AS SHOWN ON THE EROSION CONTROL PLAN. ADDITIONAL SILT FENCE SHALL BE INSTALLED AS NECESSARY BY THE CONTRACTOR. MAINTENANCE AND/OR REPLACEMENT OF THE SILT FENCE IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR.
 - CONTRACTOR SHALL INSTALL TEMPORARY SILT FENCES AROUND ALL INTAKES. EROSION CONTROL SOCKS OR EQUIVALENT SHALL BE USED AT THE DRIVE INTAKES ONCE THE SITE PAVING HAS BEEN COMPLETED. EROSION SOCKS SHALL BE MAINTAINED UNTIL THE SITE HAS BEEN STABILIZED.
 - STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PER SUDAS.
 - SITE CLEAN-UP SHALL BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC. SHALL BE KEPT CLEAN AT ALL TIMES.
 - ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
 - CONTROL DUST SPREADING FROM ALL WORK AND STAGING AREAS.
 - MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION.
 - THE LAST 20 FT OF EACH END OF ALL SILT FENCE OR FILTER SOCKS THAT IS INSTALLED SHALL BE TURNED UPHILL ("J"-HOOK METHOD).
 - ADDITIONAL SILT FENCE MAY BE NEEDED IN AREA SHOWN AS PAVEMENT DEPENDING ON THE PHASING OF THE PAVEMENT INSTALLATION.
 - APPROXIMATELY 36.4 ACRES WILL BE DISTURBED DURING CONSTRUCTION ACTIVITIES.

SITE PREPARATION NOTES

- PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIAL (EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK. DISPOSAL SITES MUST BE APPROVED BY THE ENGINEER. OFF-SITE DISPOSAL SHALL BE IN ACCORDANCE WITH THE APPLICABLE GOVERNMENTAL REGULATIONS.
- KEEP ADJACENT PUBLIC STREETS AND PARKING AREAS FREE FROM SOIL AND DEBRIS GENERATED BY THE PROJECT. CLEAN SOIL AND DEBRIS FROM THE ADJACENT STREETS AND PARKING AREAS ON A DAILY BASIS.
- SAWCUT EDGES OF PAVEMENT FULL DEPTH PRIOR TO REMOVAL TO PREVENT DAMAGE TO ADJACENT SLABS AND FIXTURES.
- SEE STRUCTURAL PLANS AND SOILS REPORT FOR DETAILS ON ANY SPECIAL EXCAVATION AND FILL REQUIREMENTS.
- EXISTING FIELD TILE LINES ENCOUNTERED IN THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR IN ONE OF THE FOLLOWING WAYS:
 - CONNECT TILE TO THE NEAREST STORM SEWER.
 - DAYLIGHT TO FINISHED GROUND.
 - REPAIR TILE AND MAINTAIN SERVICE.
 THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF A TILE IS ENCOUNTERED AND SHALL INDICATE THE METHOD OF RESOLVING THE CONFLICT. THE ENGINEER SHALL APPROVE THE PROPOSED METHOD. THE LOCATION OF THE FIELD TILE SHALL BE RECORDED ON THE CONSTRUCTION RECORD DOCUMENTS.



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CHECKED BY: BDV					
APPROVED BY: BDV					
DATE: 11/19/2019					
FIELD BOOK: 244	NO.	REVISION DESCRIPTION	APPROVED	DATE	



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EAGLE VIEW LAND ADDITION
IN THE CITY OF ROBINS, LINN COUNTY, IOWA

SITE GRADING, EROSION CONTROL & SWPPP
SCALE: 1"=80'
PROJECT NO: 10580

SHEET
C2.1

CAD File: I:\Projects\10580\10580-Rickie-Robins\DWG\POI\10580-004-PVC WM LOT CHANGE LB.dwg Date Plotted: Wednesday, February 15, 2023 12:56:39 PM Plotted By: Brian Vogel