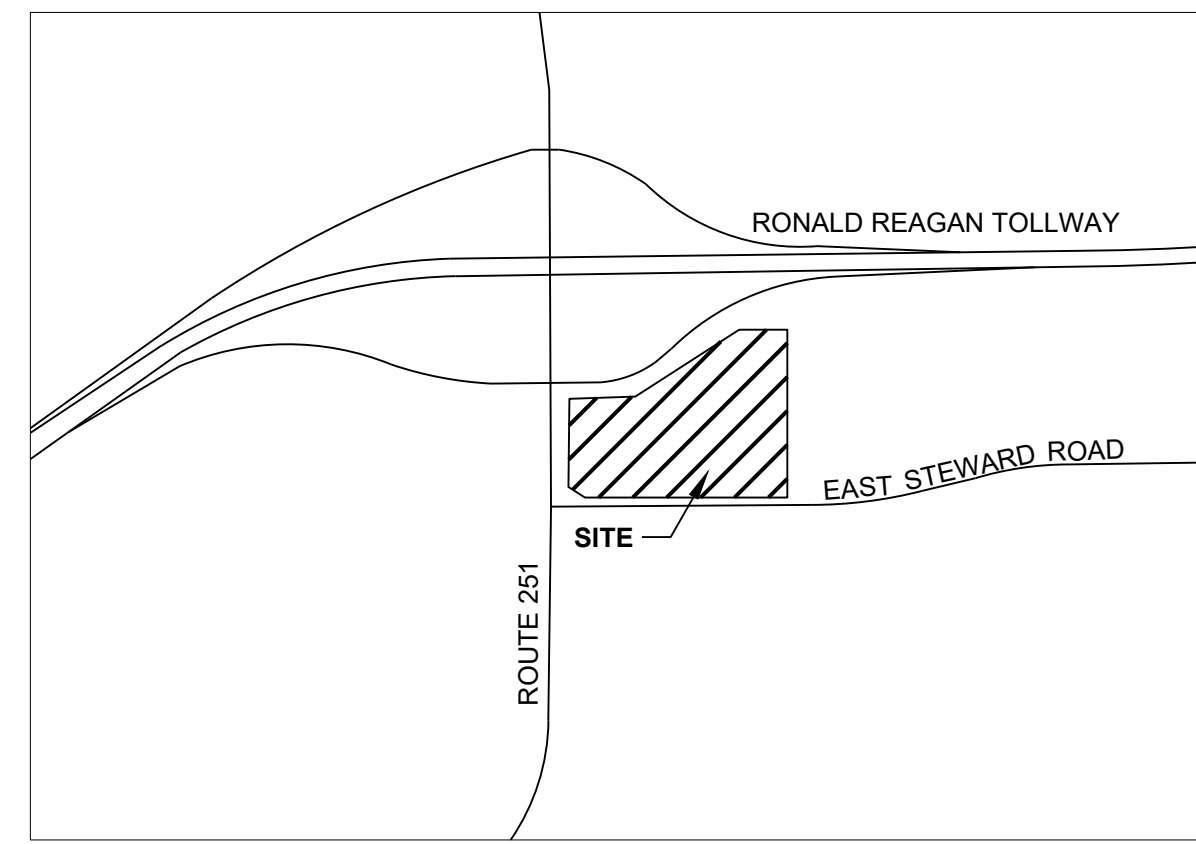


COPYRIGHT - THESE DRAWINGS ARE THE PROPERTY OF LOVE'S TRAVEL STOPS & COUNTRY STORE



VICINITY MAP NOT TO SCALE

EROSION AND SEDIMENT CONTROL NARRATIVE

SITE ADDRESS: IL 251 ROCHELLE, IL 61068
EXISTING SITE CONDITIONS: THE EXISTING SITE CONSISTS OF TILLABLE FIELDS, TALL GRASS, LIGHT BUSH, AND CROPS.
PROJECT DESCRIPTION: THE PROJECT CONSISTS OF BUILDINGS, CANOPIES, FUEL TANKS, PIPING AND DISPENSERS AND PARKING LOT CONSTRUCTION FOR A LOVE'S TRAVEL STOP.
TOTAL SITE AREA: 16.90 ACRES
PRE-CONSTRUCTION IMPERVIOUS ACREAGE = 16.90 ACRES
DISTURBED AREA: 17.92 ACRES
POST-CONSTRUCTION IMPERVIOUS ACREAGE = 11.59 ACRES
RUNOFF: THE WEST PRE-CONSTRUCTION RUNOFF CURVE NUMBER IS 73.
THE EAST PRE-CONSTRUCTION RUNOFF CURVE NUMBER IS 73.
THE WEST POST-CONSTRUCTION RUNOFF CURVE NUMBER IS 91.
THE EAST POST-CONSTRUCTION RUNOFF CURVE NUMBER IS 92.
SITE DRAINS TO: THE SITE DRAINS TO A DETENTION BASIN ON THE WEST SIDE OF THE SITE AND A RETENTION POND ON THE NORTH SIDE OF THE SITE.
RECEIVING BODY: I-85 (RONALD REAGAN TOLL-WAY) RIGHT-OF-WAY WITH AN EVENTUAL OUTFALL TO KYTE RIVER
SITE BMP'S: FINAL LOCATIONS OF ALL SITE BMP'S INCLUDE DUMPSTER, VEHICLE FUELING AREAS, CONCRETE TRUCK WASH, MATERIAL STORAGE, AND TOPSOIL STOCKPILES SHALL BE DETERMINED BY CONTRACTOR.
ADJACENT AREAS: NORTH: NORTH OF I-88 (RD) RURAL DEVELOPMENT
SOUTH: EAST STEWARD RD.
EAST: CITY OF ROCHELLE, IL LIGHT INDUSTRIAL
WEST: IL-251
SOILS ON SITE: B/D - 152A - DRUMMER SILTY CLAY LOAM, 0-2% SLOPES (85.8%)
B/D - 488A - HOOPPOLE, 0-2% SLOPES (14.2%)
REFER TO SOILS MAP ON THIS SHEET FOR SOILS MAP BOUNDARIES.
EROSION AND SEDIMENT CONTROL MEASURES: PROVIDE INLET PROTECTION OF ALL NEW AND EXISTING DRAINAGE STRUCTURES INDICATED ON THIS PLAN.
ANY OFF-SITE BORROW OR SPOIL AREAS SHALL BE SUBJECT TO THE REQUIREMENTS SET FORTH BY THE IEPA AND THE CITY OF ROCHELLE.
ALL EROSION AND SEDIMENT CONTROL MEASURES FOR OFF-SITE AREAS NOT COVERED BY A SEPARATE NPDES PERMIT OR SWPPP SHALL BE COORDINATED WITH THE IEPA AND THE CITY OF ROCHELLE.
ALL TRENCH OR EXCAVATION GROUNDWATER CONTAINING SEDIMENT MUST BE EFFECTIVELY TREATED PRIOR TO DISCHARGE INTO THE STORM SEWER SYSTEM.
USE ANY MEANS NECESSARY TO CONTROL DUST ON THE SITE AND PREVENT TRACKING SOIL OFF SITE.
CRITICAL AREAS: NONE
JURISDICTION: ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF IEPA AND THE CITY OF ROCHELLE.
INSPECTIONS: INSPECTIONS OF OUTFALLS/EPSC MEASURES SHALL BE INSPECTED AT LEAST TWICE WEEKLY AND AT LEAST 72 HOURS APART.
DOCUMENT INSPECTIONS WEEKLY AND SUBMIT INSPECTION REPORT MONTHLY.
OUTFALLS/EPSC AND OTHER PROTECTIVE MEASURES SHALL BE REPAIRED, REPLACED OR MODIFIED WITHIN 7 DAYS ACCORDING TO THE NEEDS IDENTIFIED IN THE INSPECTION REPORT.
SCHEDULE: CONSTRUCTION ESTIMATED START DATE: 04.01.2018
CONSTRUCTION ESTIMATED COMPLETION DATE: 04.01.2019

STORMWATER POLLUTION PREVENTION PLAN GENERAL NOTES

OWNER/DEVELOPER: LOVE'S TRAVEL STOPS & COUNTRY STORES, INC.
ENGINEER/PLAN DESIGNER: CESO, INC.
CONTACT: CHAD BRUNER
CONTACT: MATT FINKE, P.E., CPESC

STORMWATER POLLUTION PREVENTION PLAN NOTES

SITE EPSC SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 1/8".
REMOVE TRAPPED SEDIMENT FROM SEDIMENT CONTROLS AT OR BEFORE 50% OF DESIGN CAPACITY.
ALL AREAS TO REMAIN BARE GREATER THAN 7 DAYS MUST BE TEMPORARILY STABILIZED.
THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS IN THE STREET.
GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STONE LAYER OF THE CONSTRUCTION ENTRANCE.
STRAW BALES SHALL NOT BE USED AS A FORM OF EROSION CONTROL.

- 16. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH DAY; THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR ASPHALT FOR ROAD CONSTRUCTION.
17. THE LAST LAYER OF SOIL, INCLUDING TOP SOIL, SHALL BE COMPACTED TO 80% - 85% OF THE MAXIMUM STANDARD PROCTOR DENSITY.
18. IN THE EVENT THAT HIGH GROUND WATER IS ENCOUNTERED, CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND IMPLEMENTING A PLAN TO CONTROL BOTH SURFACE AND GROUND WATER DURING THE COURSE OF CONSTRUCTION.

INSPECTION/MAINTENANCE NOTES

FILTER BARRIERS, INCLUDING BUT NOT LIMITED TO SILT FENCE AND INLET PROTECTION, SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.

IF THE FABRIC DECOMPOSES OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE, AND THE BARRIER IS STILL REQUIRED, THE FABRIC SHALL BE REPLACED PROMPTLY.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED.

- 1. ALL CONTROL MEASURES STATED IN THE SWPPP SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE SITE IS ACHIEVED.
A. INLET PROTECTION DEVICES AND CONTROLS SHALL BE REPAIRED OR REPLACED WHEN THEY SHOW SIGNS OF UNDERMINING AND OR DETERIORATION.
B. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STANDING OF GRASS IS MAINTAINED.
C. SILT FENCES AND CHECK DAMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED.
D. OUTLET STRUCTURES IN SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES.
E. MINIMIZE OFF-SITE SEDIMENT TRACKING OF VEHICLES BY THE USE OF STONE MATERIAL IN ALL CONSTRUCTION ENTRANCES.
F. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION.
2. CONTRACTORS AND SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ALL SEDIMENT FROM THE SITE.
3. ALL RIP RAP MUST BE PLACED OVER GEOTEXTILE FILTER.
4. STONE CONSTRUCTION EXIT TO BE MAINTAINED BY GENERAL CONTRACTOR UNTIL SITE HAS BEEN PAVED OR IS NO LONGER REQUIRED.

SOLID/SANITARY/TOXIC WASTES NOTES

- 1. CONTAINERS SHALL BE AVAILABLE FOR DISPOSAL OF DEBRIS, TRASH, HAZARDOUS OR PETROLEUM WASTES. ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF.
2. BRICKS, HARDENING CONCRETE AND SOIL WASTE SHALL BE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATERS OF THE STATE.
3. CLEAN CONSTRUCTION WASTES THAT WILL BE DISPOSED INTO THE PROPERTY SHALL BE SUBJECT TO ANY LOCAL PROHIBITIONS FROM THIS TYPE OF DISPOSAL.
4. ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&D) WASTE SHALL BE DISPOSED OF IN AN APPROVED C&D LANDFILL.
5. AREA SHALL BE DESIGNATED BY CONTRACTOR AND SHOWN ON SWPPP MAP FOR MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME ASPHALT, OR CONCRETE.
6. EQUIPMENT FUELING & MAINTENANCE SHALL BE IN DESIGNATED AREAS ONLY.
7. A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN MUST BE DEVELOPED FOR SITES WITH ONE ABOVE-GROUND STORAGE TANK OF 660 GALLONS OR MORE.
8. ALL DESIGNATED CONCRETE WASHOUT AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORMWATER DRAINAGE AREAS.

- 9. ALL CONTAMINATED SOIL MUST BE TREATED AND/OR DISPOSED OF IN AN APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES.
10. THE CONTRACTOR SHALL CONTACT ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA), THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE IN THE EVENT OF A PETROLEUM SPILL (>25 GALLONS) OR THE PRESENCE OF SHEEN.
11. OPEN BURNING IS NOT PERMITTED ON THE SITE.

GENERAL NOTES

- 1. ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED AS IDENTIFIED WITH THE CITY OF ROCHELLE AND LOCAL JURISDICTION INSPECTOR.
2. CONTRACTOR SHALL REVIEW THE COMPLETE DRAWING SET AND NOTIFY THE DESIGN PROFESSIONAL IN WRITING PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE FOUND WITHIN THE DRAWINGS OR WITH ACTUAL FIELD CONDITIONS.
3. ALL STORMWATER POLLUTION PREVENTION PLANS, NOTES AND DETAILS SHALL COMPLY WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) AND THE CITY OF ROCHELLE.
4. DEVELOPER/OWNER IS RESPONSIBLE TO MAINTAIN EROSION CONTROL MEASURES UNTIL ADEQUATE RE-VEGETATION AND STABILIZATION ARE ACHIEVED.



(TYPE B/D) - 152A - DRUMMER SILTY CLAY LOAM, 0-2% SLOPES (85.8%)
(TYPE B/D) - 488A - HOOPPOLE, 0-2% SLOPES (14.2%)

SOILS MAP NOT TO SCALE

PROVIDE AND POST NOTICE OF COVERAGE (NOC) WITH PROJECT DESCRIPTION AND CONTACT NUMBERS.

REFER TO SHEETS C7.0 TO C7.1 FOR SWPPP DETAILS
REFER TO SHEETS C5.0 AND C5.1 FOR GRADING PLAN

CONTRACTOR SHALL MODIFY THE SEQUENCE OF CONSTRUCTION BASED ON SITE CONDITIONS AND CONTRACTOR'S MEANS AND METHODS. ALL EROSION AND SEDIMENT CONTROL MEASURES FROM THE BEGINNING OF EARTH DISTURBING ACTIVITIES TO THE FINAL COMPLETION OF THE PROJECT ARE THE RESPONSIBILITY OF THE SITE WORK CONTRACTOR.



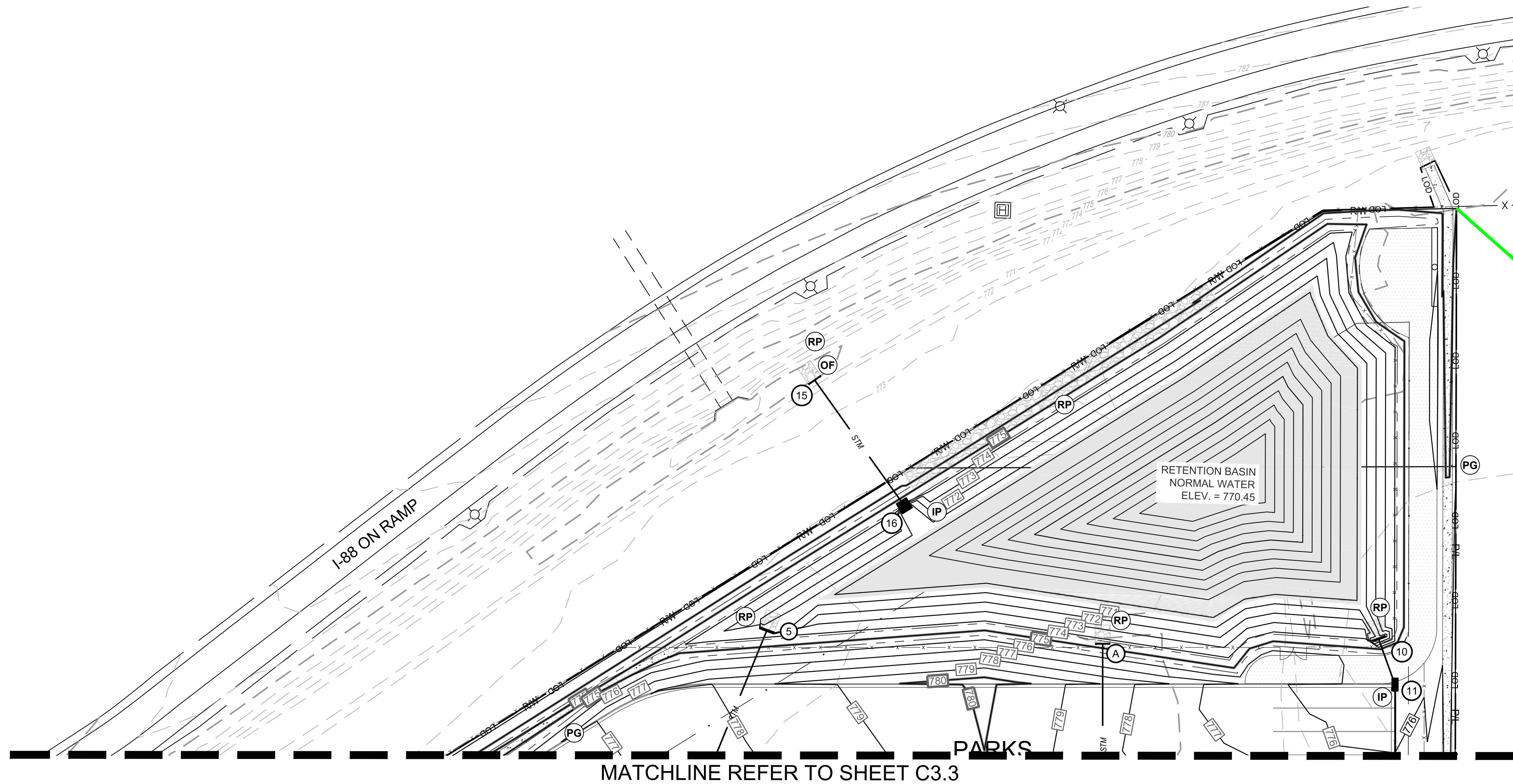
Table with columns for NO., DATE, REVISION DESCRIPTION.

LOVE'S TRAVEL STOPS
ROCHELLE, IL
ROCHELLE, LOGE COUNTY, IL
IL 251

SWPPP NOTES

ISSUE: NOT FOR CONSTRUCTION
DATE: 7/28/2017
JOB NO.: 752789
DESIGN: LEA
DRAWN: LEA
CHECKED: SJH
SHEET NO. C3.0

COPYRIGHT - THESE DRAWINGS ARE THE PROPERTY OF LOVE'S TRAVEL STOPS & COUNTRY STORE



MATCHLINE REFER TO SHEET C3.3

LEGEND	
EXISTING	
REFER TO ALTA/ACSM TOPOGRAPHIC SURVEY	
PROPOSED	
	MAJOR CONTOUR
	MINOR CONTOUR
	PAVEMENT
	STORM SEWER
	SILT FENCE
	GRADING/SEEDING LIMITS (L.O.D. - LIMITS OF DISTURBANCE)
	CONCRETE CURB AND GUTTER
	FLOW ARROW
	INLET PROTECTION
	TEMPORARY RISER PIPE AND SKIMMER
	PAVED GUTTER
	TEMPORARY SEEDING
	RIPRAP STORM SEWER OUTLET/SLOPE PROTECTION
	FILTER SOCK
	STORMWATER OUTFALL POINT
	TEMPORARY SEDIMENT BASIN
	STABILIZED CONSTRUCTION ENTRANCE
	CE
	CONCRETE WASHOUT
	CW
	EROSION CONTROL BLANKET
	EB

SEQUENCE OF CONSTRUCTION - (PHASE TWO)

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.

- INSPECTION OF EROSION CONTROL MEASURES INSTALLED UNDER PHASE ONE AS OUTLINED IN NOTES. REPAIRS AND/OR REPLACEMENTS SHALL BE MADE AS NECESSARY.
- INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE SOIL EROSION PLAN FOR PHASE TWO.
- ROUGH GRADING. PROVIDE TEMPORARY SEEDING OF DISTURBED AREAS WHICH ARE INACTIVE.
- STORM SEWER SYSTEM AND UNDERGROUND UTILITY CONSTRUCTION. INSTALL INLET PROTECTION CONCURRENT WITH CONSTRUCTION OF PROPOSED STORM SEWER STRUCTURES.
- BUILDING PAD CONSTRUCTION.
- CURB CONSTRUCTION.
- FINE GRADING AND PAVEMENT SUBGRADE PREPARATION.
- ASPHALT PAVING AND REMAINING CONCRETE FLATWORK.
- TEMPORARY SEEDING.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.

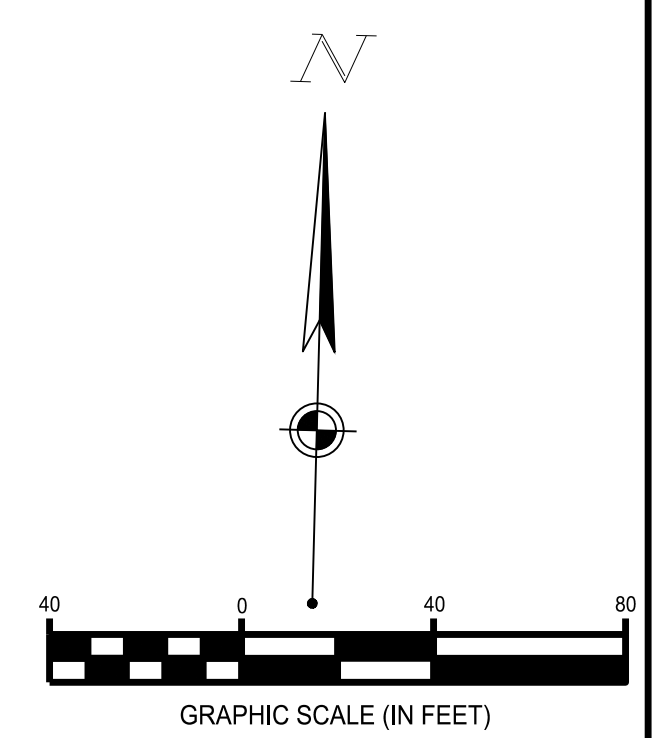
DEVELOPER/OWNER IS RESPONSIBLE TO MAINTAIN POST-CONSTRUCTION PERMANENT EROSION CONTROL MEASURES UNTIL ADEQUATE RE-VEGETATION AND STABILIZATION IS ACHIEVED.

ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED AS IDENTIFIED WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) AND LOCAL JURISDICTION INSPECTOR

CONTRACTOR SHALL REVIEW THE COMPLETE DRAWING SET AND NOTIFY THE DESIGN PROFESSIONAL IN WRITING PRIOR TO CONSTRUCTION, IF ANY DISCREPANCIES ARE FOUND WITHIN THE DRAWINGS OR WITH ACTUAL FIELD CONDITIONS.

CONTRACTOR SHALL MODIFY THE SEQUENCE OF CONSTRUCTION BASED ON SITE CONDITIONS AND CONTRACTOR'S MEANS AND METHODS. ALL EROSION AND SEDIMENT CONTROL MEASURES FROM THE BEGINNING OF EARTH DISTURBING ACTIVITIES TO THE FINAL COMPLETION OF THE PROJECT ARE THE RESPONSIBILITY OF THE SITE WORK CONTRACTOR.

REFER TO SHEET C3.0 FOR SWPPP GENERAL NOTES
 REFER TO SHEETS C3.7 TO C3.9 FOR SWPPP DETAILS
 REFER TO SHEETS C5 SERIES FOR GRADING PLAN

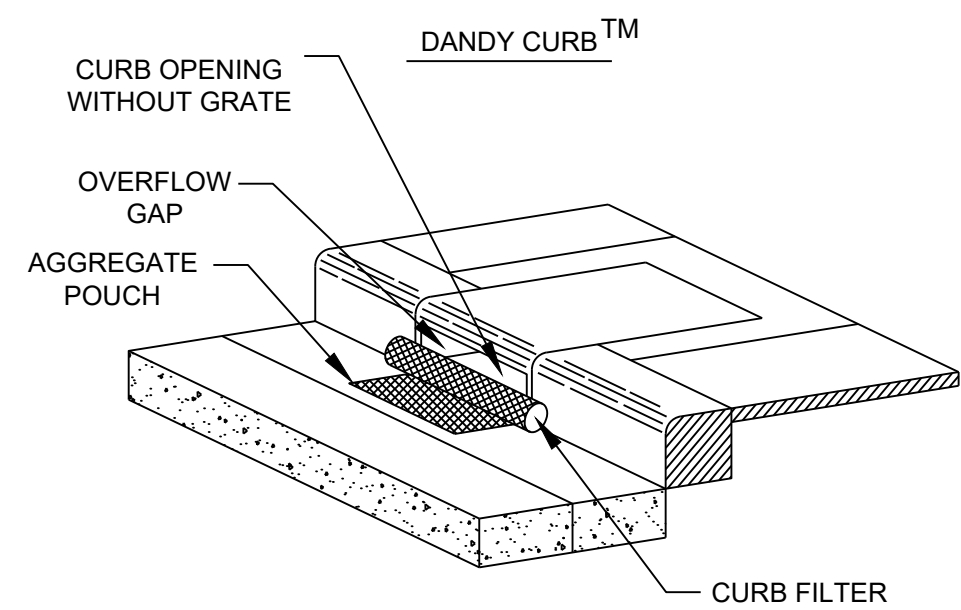


NO.	DATE	REVISION DESCRIPTION

LOVE'S TRAVEL STOPS
 ROCHELLE, IL
 ROCHELLE, LOGIE COUNTY, IL

SWPPP PHASE II - NORTH

ISSUE:	NOT FOR CONSTRUCTION
DATE:	7/28/2017
JOB NO.:	752789
DESIGN:	LEA
DRAWN:	LEA
CHECKED:	SJH
SHEET NO.	C3.4



DANDY CURB™ SPECIFICATIONS

NOTE: THE DANDY CURB™ WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

DANDY CURB™ (SAFETY ORANGE)

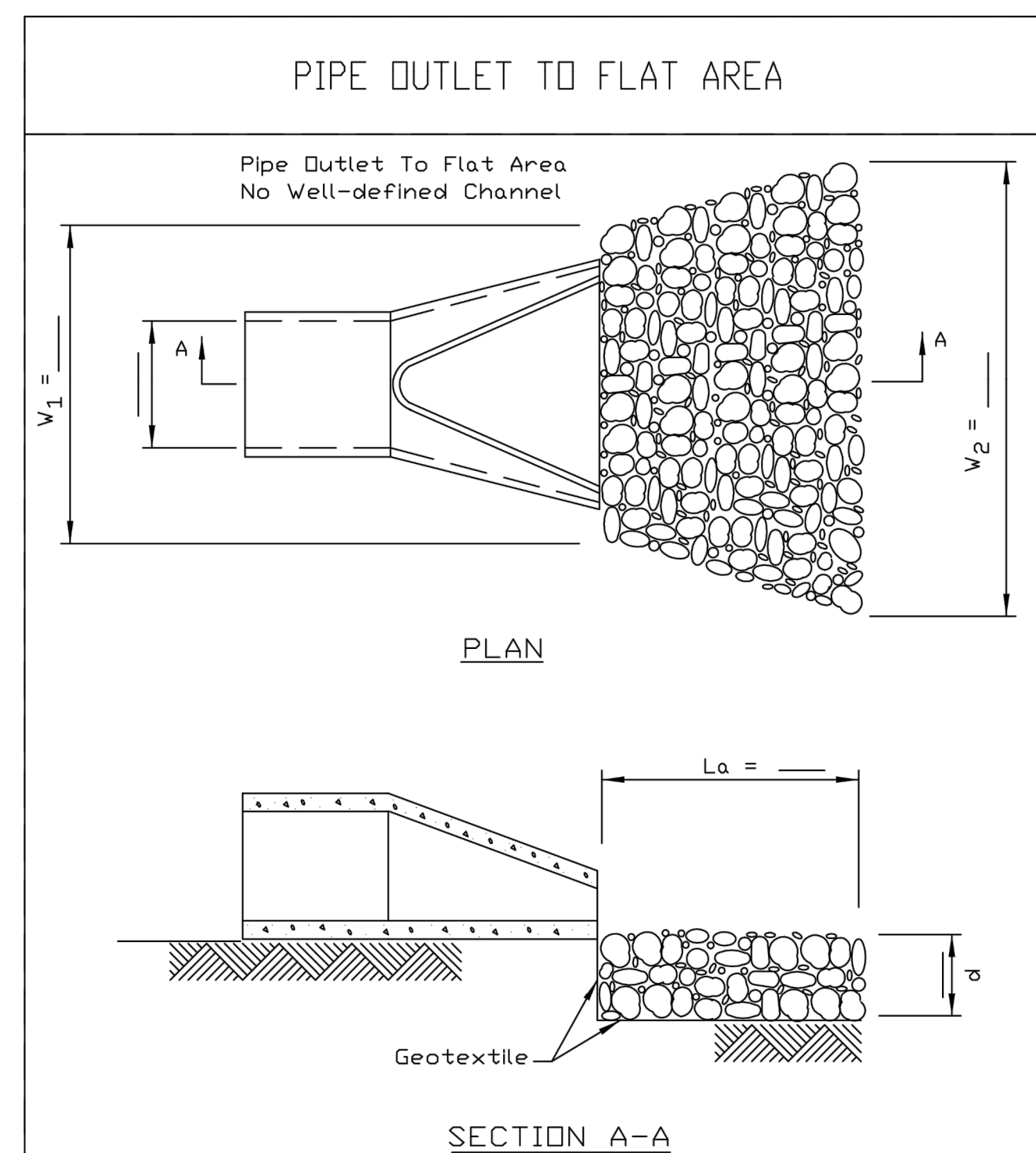
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.62 (365) X 0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	24 X 10
Puncture Strength	ASTM D 4833	kN (lbs)	0.40 (90)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.51 (115) X 0.33 (75)
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	1/min/m ² (gal/min/ft ²)	5907 (145)
Permittivity	ASTM D 4491	Sec ⁻¹	2.1

*Note: All Dandy Curbs™ can be ordered with our optional oil absorbents

CURB INLET DANDY BAG[®]
NTS

STRUCTURE #	La (FT)	W1 (FT)	W2 (FT)	d (IN)	RIPRAP CLASS (IDOT)
A	12	3	5	15	RR-3
5	20	12	12	20	RR-4
10	16	7.5	8.9	15	RR-3
13	12	4.5	6.3	15	RR-3
15	12	4	6	15	RR-3

La = LENGTH OF RIPRAP APRON
W1 = WIDTH OF RIPRAP APRON AT INLET/OUTLET
W2 = WIDTH OF RIPRAP APRON AT END
d = DEPTH OF RIPRAP APRON



NOTES:

- The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
- The rock riprap shall meet the IDOT requirements for the following gradation: RR _____, Quality _____.
- The riprap shall be placed according to construction specification 61 LODGE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	NRCS Natural Resources Conservation Service	STANDARD DWG. NO. IL-630 SHEET 1 OF 1 DATE 9-15-93
--	---	---

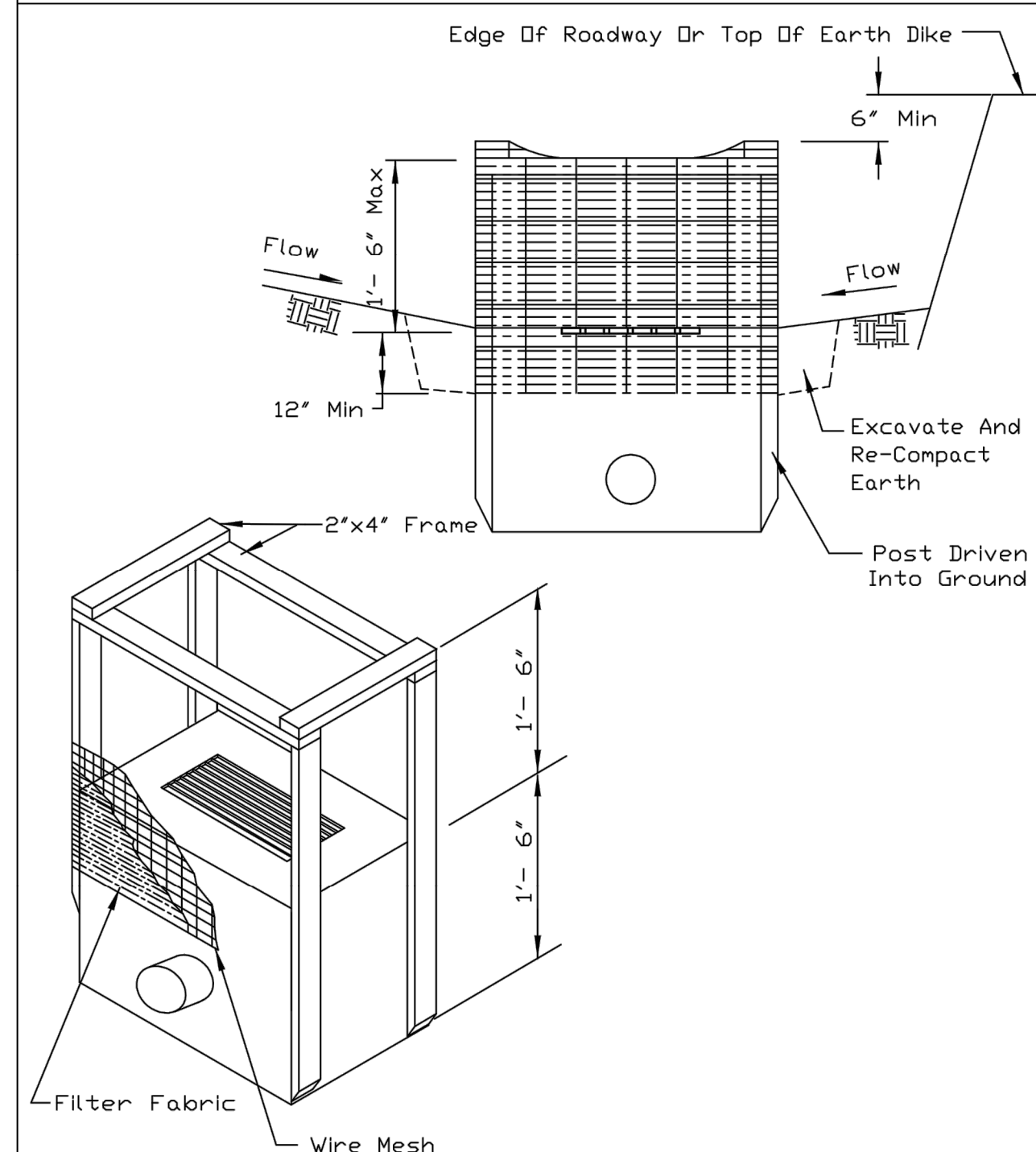
NRCS IL December 1994
urbst965.doc

TABLE 1
TEMPORARY SEEDING SPECIES, RATES AND DATES

Species	Lbs./Acre	Lbs./1000 ft. ²	Seeding Dates
Oats	90	2	Early spring – July 1
Cereal Rye	90	2	Early spring – Sept. 30
Wheat	90	2	Early spring – Sept. 30
Perennial Ryegrass	25	0.6	Early spring – Sept. 30

965 - 3

INLET PROTECTION - FABRIC DROP PLAN

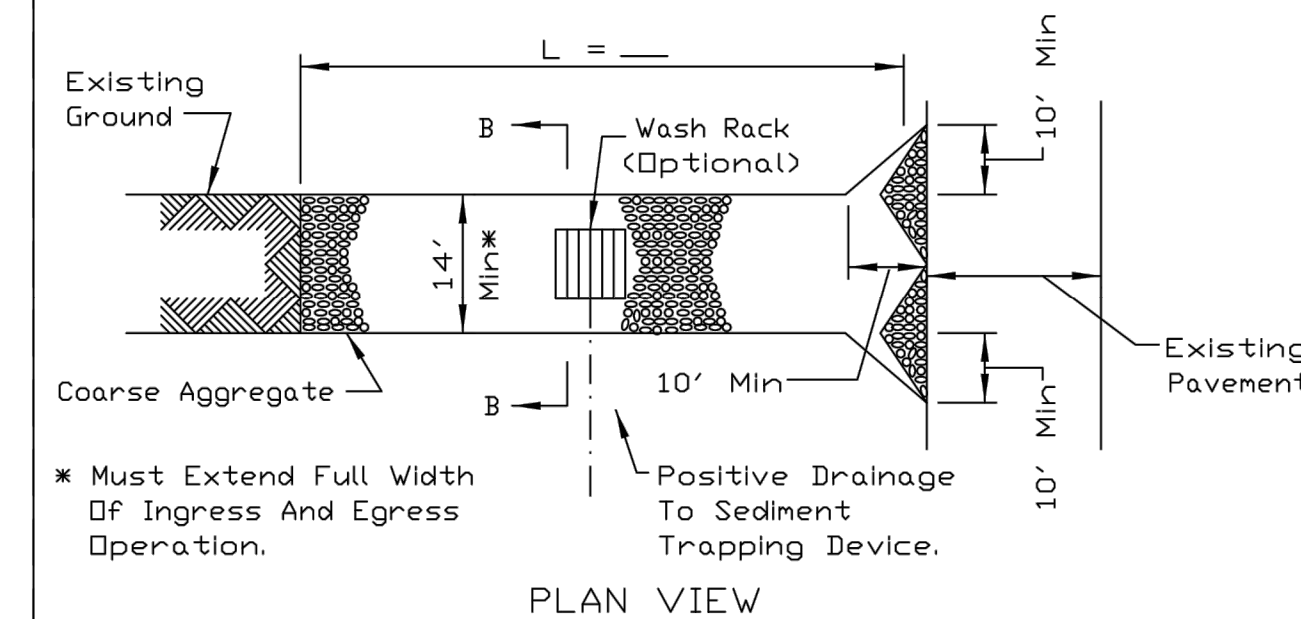


NOTES:

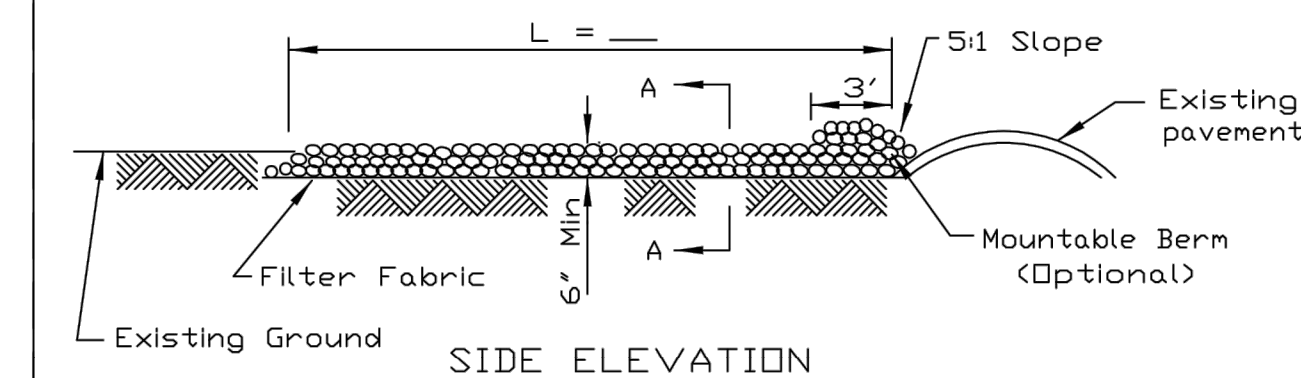
- Filter fabric shall meet the requirement of material specification 592 GEOTEXTILE table 1 or 2, class I, with an EDS of at least 30 for nonwoven and 50 for woven.
- The wire mesh shall have a maximum opening of at least 6 inches.
- Limit drainage area to the inlet protection to 1 acre.

REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	NRCS Natural Resources Conservation Service	STANDARD DWG. NO. IL-560 SHEET 1 OF 1 DATE 6-29-93
--	---	---

STABILIZED CONSTRUCTION ENTRANCE PLAN[®]



* Must Extend Full Width Of Ingress And Egress Operation.

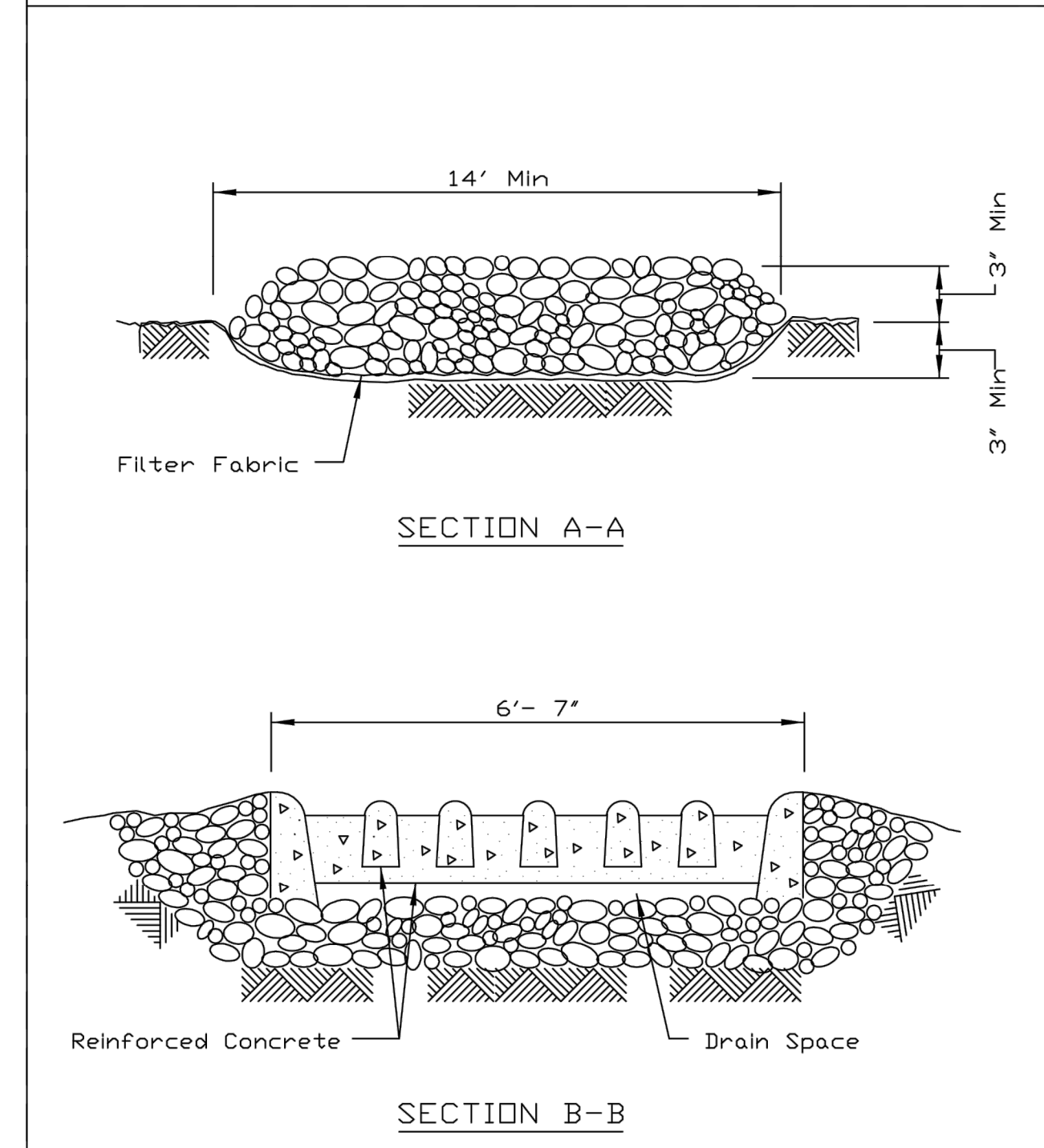


NOTES:

- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
- Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
- Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
- If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	NRCS Natural Resources Conservation Service	STANDARD DWG. NO. IL-630 SHEET 1 OF 2 DATE 8-18-94
--	---	---

STABILIZED CONSTRUCTION ENTRANCE PLAN[®]



REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	NRCS Natural Resources Conservation Service	STANDARD DWG. NO. IL-630 SHEET 2 OF 2 DATE 8-18-94
--	---	---



NO. DATE REVISION DESCRIPTION

LOVES TRAVEL STOPS

ROCHELLE, IL

IL 251

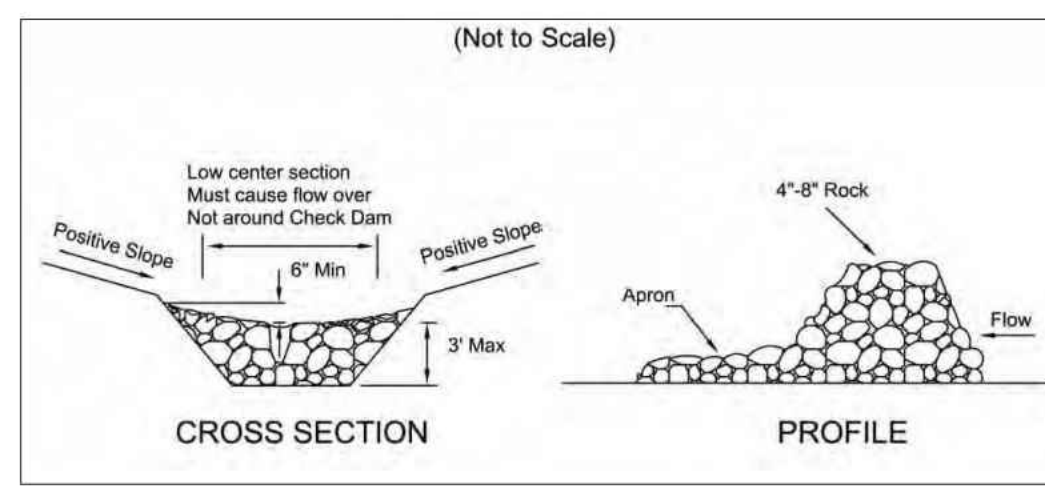
SWPPP DETAILS

ISSUE:
NOT FOR CONSTRUCTION
DATE:
7/28/2017

JOB NO.: 752789
DESIGN: LEA
DRAWN: LEA
CHECKED: SJH

SHEET NO.
C3.8

Specifications for
Rock Check Dam



- The check dam shall be constructed of 4-8 inch diameter stone, placed so that it completely covers the width of the channel.
- Maximum height of check dam shall not exceed 3.0 feet.
- The midpoint of the rock check dam shall be a minimum of 6 inches lower than the sides in order to direct across the center and away from the channel sides.
- The base of the check dam shall be entrenched approximately 6 inches.
- Spacing of check dams shall be in a manner such that the toe of the upstream dam is at the same elevation as the top of the downstream dam.
- A Splash Apron shall be constructed where check dams are expected to be in use for an extended period of time, a stone apron shall be constructed immediately downstream of the check dam to prevent flows from undercutting the structure. The apron should be 6 in. thick and its length two times the height of the dam.
- Stone placement shall be performed either by hand or mechanically as long as the center of check dam is lower than the sides and extends across entire channel.
- Side slopes shall be a minimum of 2:1.

4 CHAPTER 5 Temporary Runoff Control

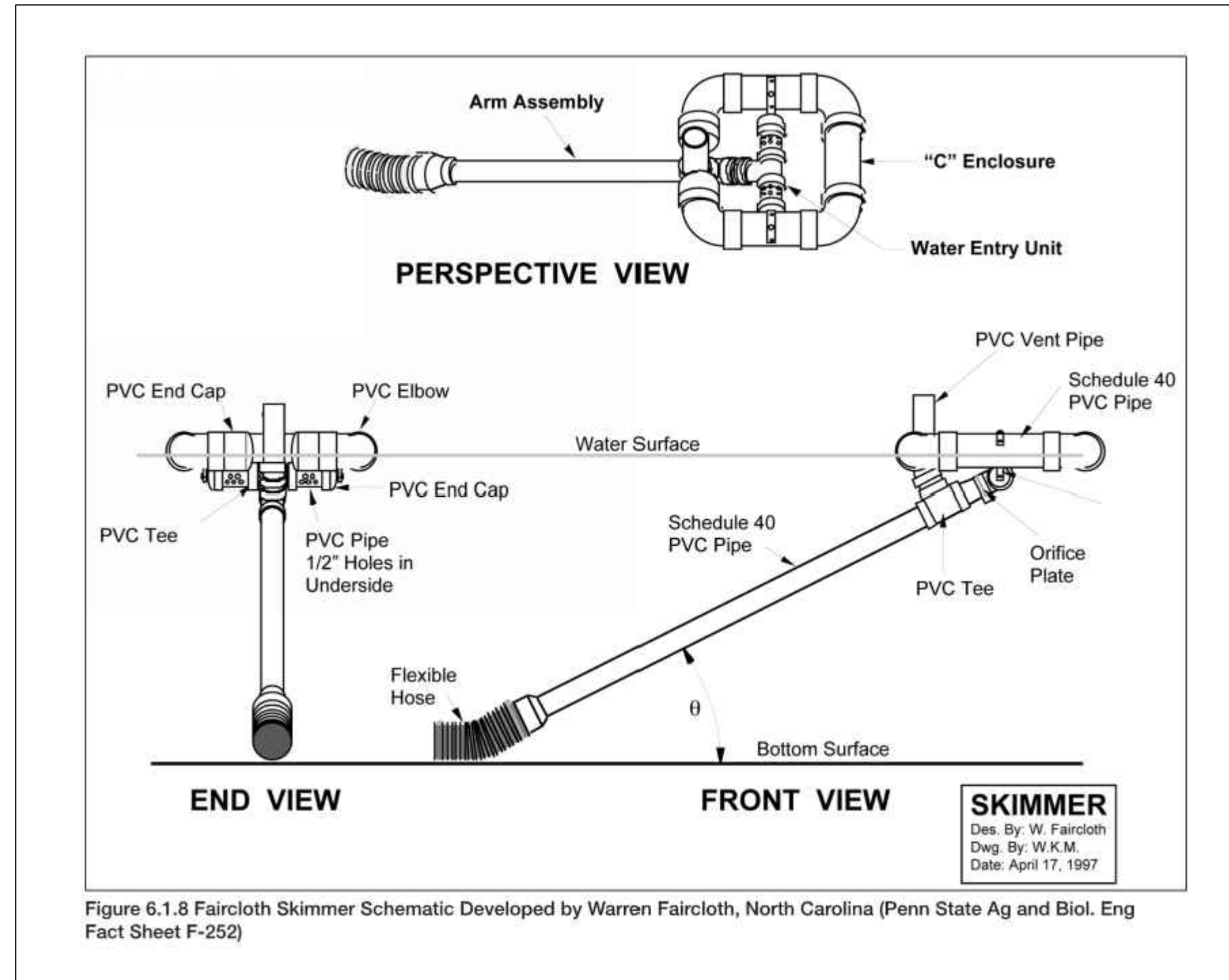
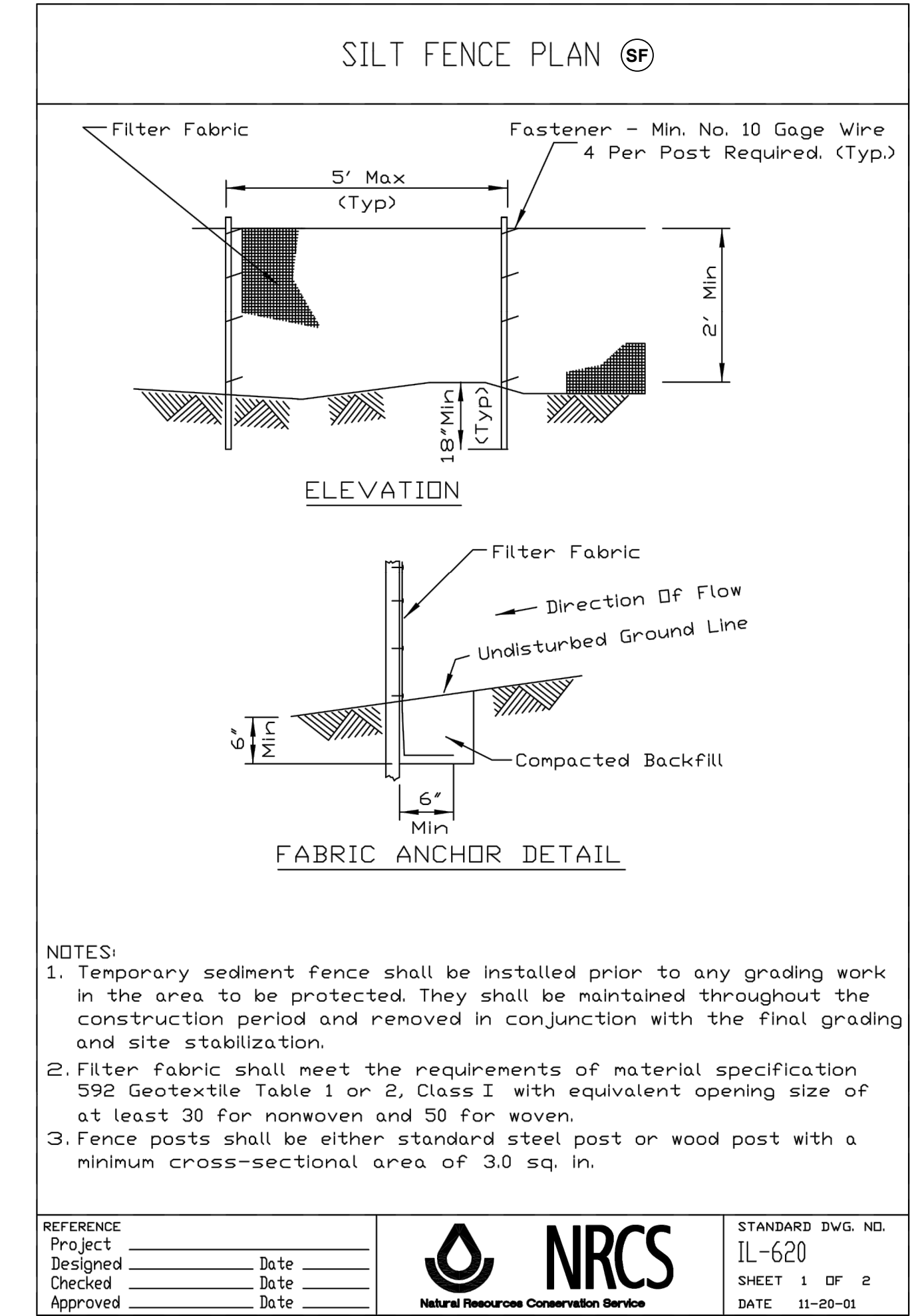


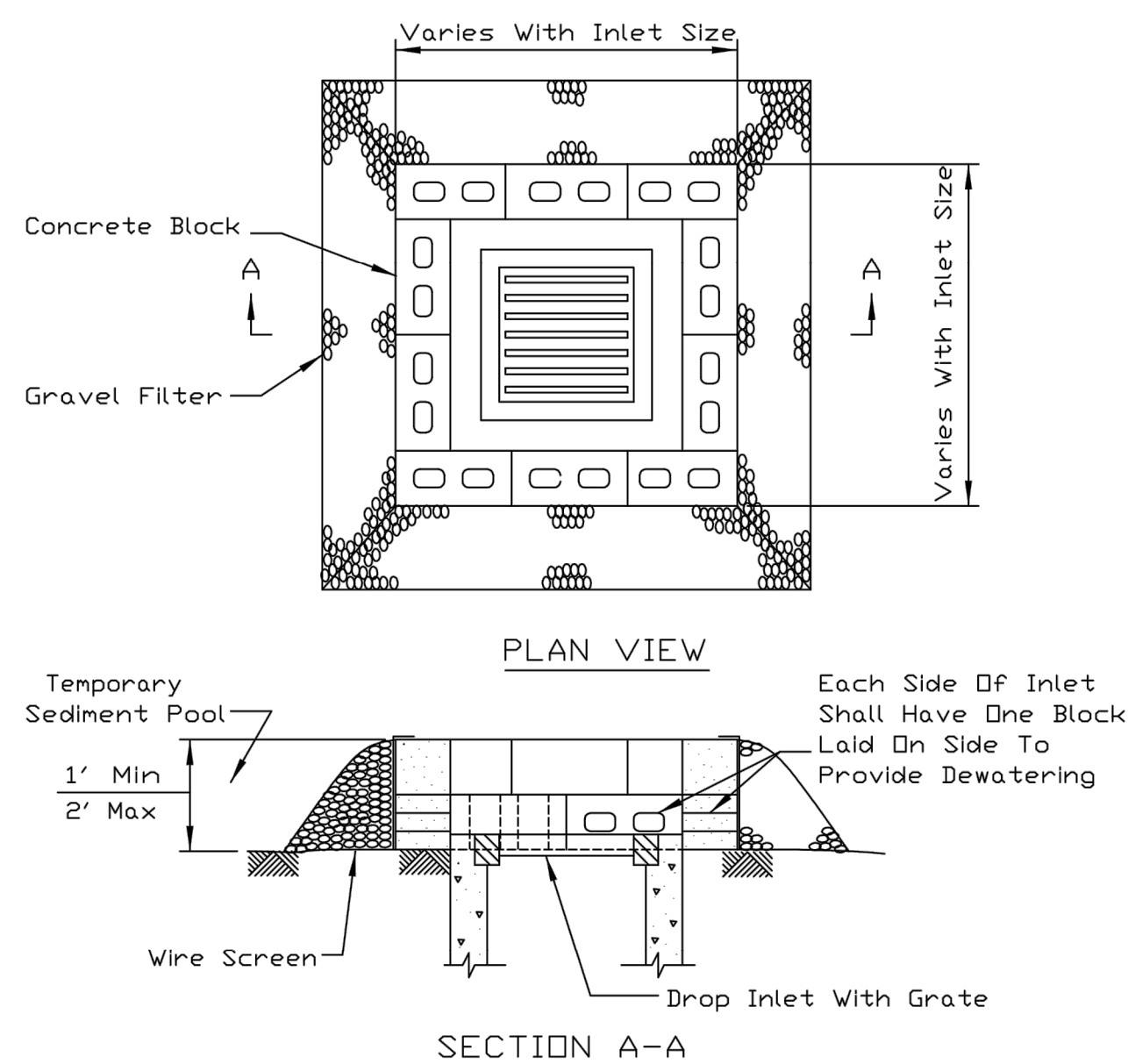
Figure 6.1.8 Faircloth Skimmer Schematic Developed by Warren Faircloth, North Carolina (Penn State Ag and Biol. Eng Fact Sheet F-252)



- NOTES:
- Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 - Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
 - Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

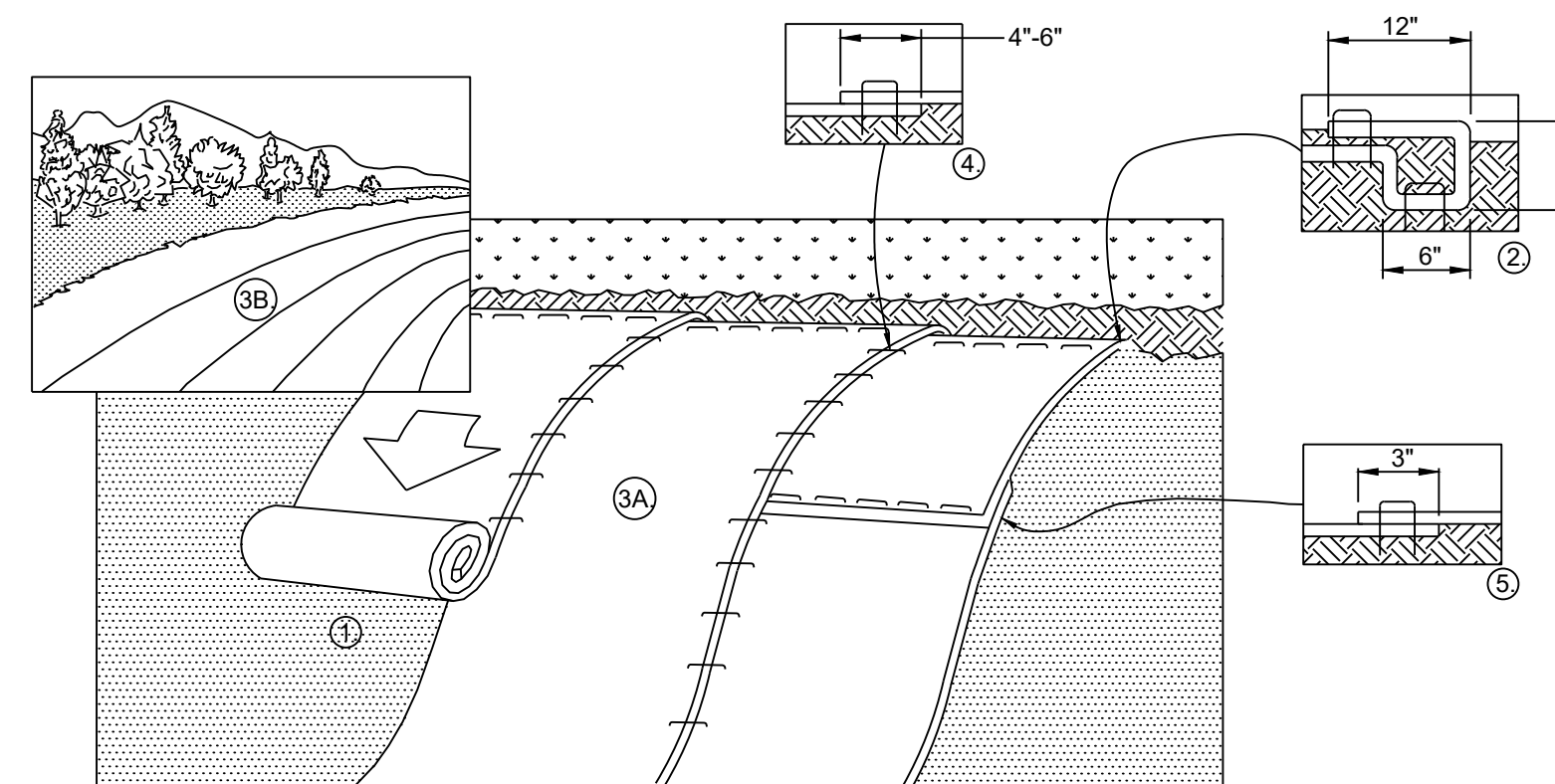
REFERENCE Project _____	DESIGNED _____	DATE _____		STANDARD DWG. NO. IL-620
CHECKED _____	DATE _____	SHEET 1 OF 2		DATE 11-20-01
APPROVED _____	DATE _____			

INLET PROTECTION - BLOCK AND GRAVEL PLAN



- NOTES:
- Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 - The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
 - The wire screen shall be hardware cloth or comparable wire mesh with 1/2 inch openings.
 - The gravel shall meet requirements for coarse aggregate with IDDT gradations of CA-1, CA-2 or CA-3.

REFERENCE Project _____	DESIGNED _____	DATE _____		STANDARD DWG. NO. IL-550
CHECKED _____	DATE _____	SHEET 1 OF 1		DATE 8-17-94
APPROVED _____	DATE _____			

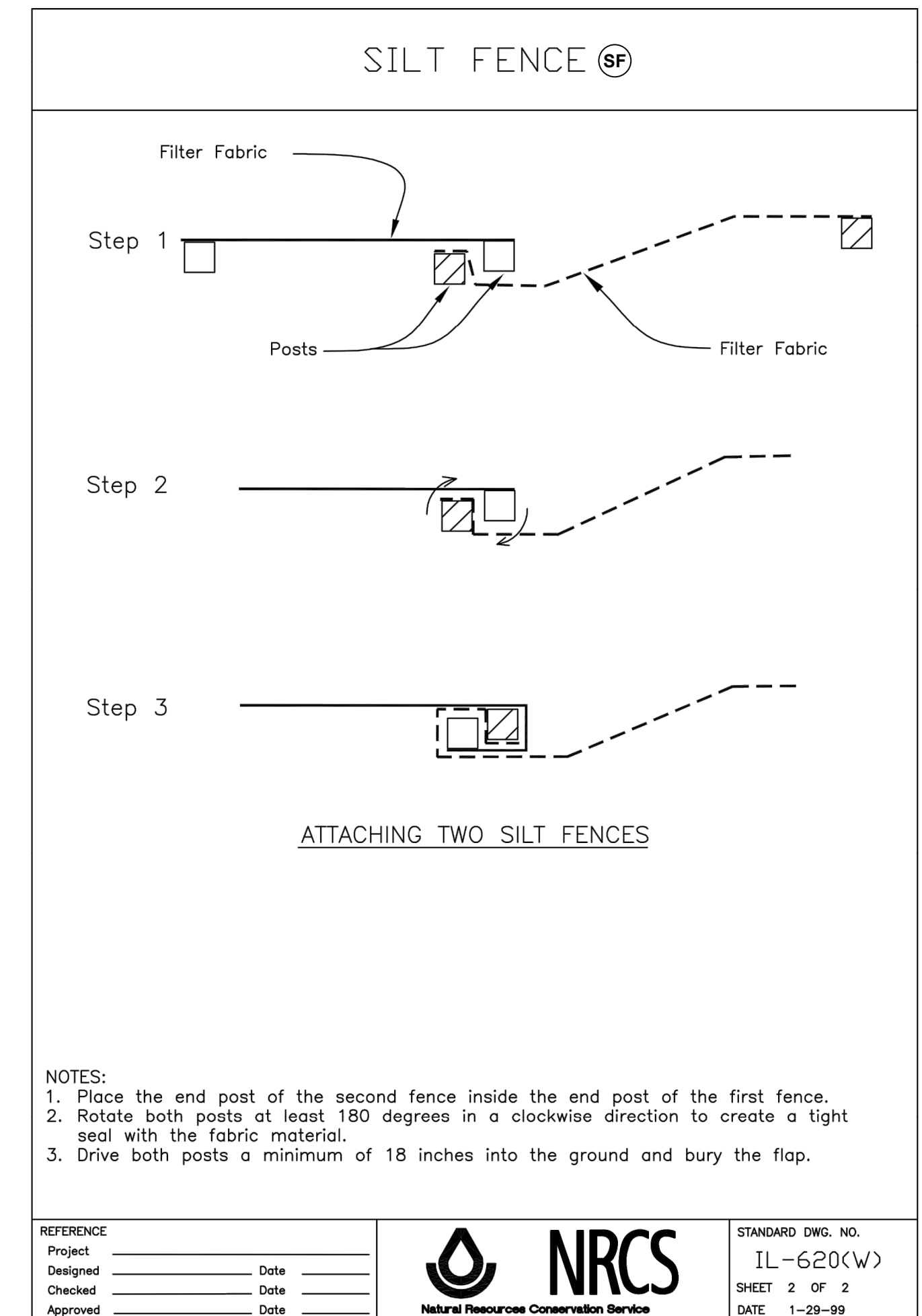


- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH AS SHOWN IN DETAIL 2. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS PER MANUFACTURER'S RECOMMENDATION.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH MINIMUM 8" OVERLAP. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- PLACE STAPLES/STAKES PER MANUFACTURER'S RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.

EROSION CONTROL BLANKET

THE FOLLOWING MANUFACTURER OR APPROVED EQUAL MAY BE USED FOR 4:1 TO 3:1 SLOPES. NORTH AMERICA GREEN (NUMBERS: S75, SC250 AND C125 BN).

EROSION CONTROL BLANKET NTS



- NOTES:
- Place the end post of the second fence inside the end post of the first fence.
 - Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
 - Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE Project _____	DESIGNED _____	DATE _____		STANDARD DWG. NO. IL-620(W)
CHECKED _____	DATE _____	SHEET 2 OF 2		DATE 1-29-99
APPROVED _____	DATE _____			



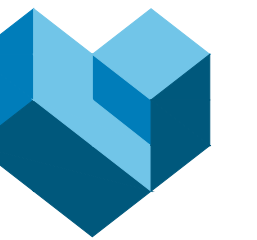
NO.	DATE	REVISION DESCRIPTION

LOVES TRAVEL STOPS
ROCHELLE, IL
ROCHELLE, LOGLE COUNTY, IL

SWPPP DETAILS

ISSUE: NOT FOR CONSTRUCTION	DATE: 7/28/2017
JOB NO.: 752789	DESIGN: LEA
DRAWN: LEA	CHECKED: SJH
SHEET NO. C3.9	

COPYRIGHT - THESE DRAWINGS ARE THE PROPERTY OF LOVES TRAVEL STOPS & COUNTRY STORE



CESO
WWW.CESOINC.COM



NO. DATE REVISION DESCRIPTION

LOVES TRAVEL STOPS

ROCHELLE, IL

IL 251

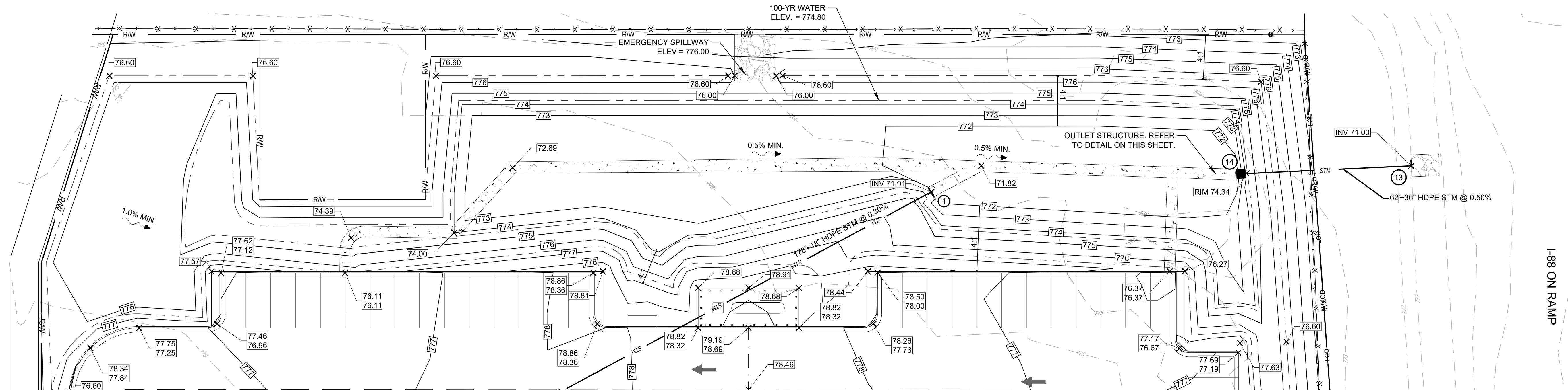
ROCHELLE, LOGE COUNTY, IL

WEST
DETENTION
DETAIL

ISSUE:
NOT FOR CONSTRUCTION
DATE:
7/28/2017

JOB NO.: 752789
DESIGN: LEA
DRAWN: LEA
CHECKED: SJH

SHEET NO.
C5.2



REFER TO GRADING PLAN SHEET C5.0

NOTES

LOCATION AND ELEVATION: WHEN GIVEN ON THE PLANS, THE LOCATION AND THE ELEVATION ARE AT THE TOP CENTER OF THE GRATE. THE ORIFICE HOLES SHOULD BE PLACED AT THE ELEVATIONS AS SHOWN ON THE PLANS.

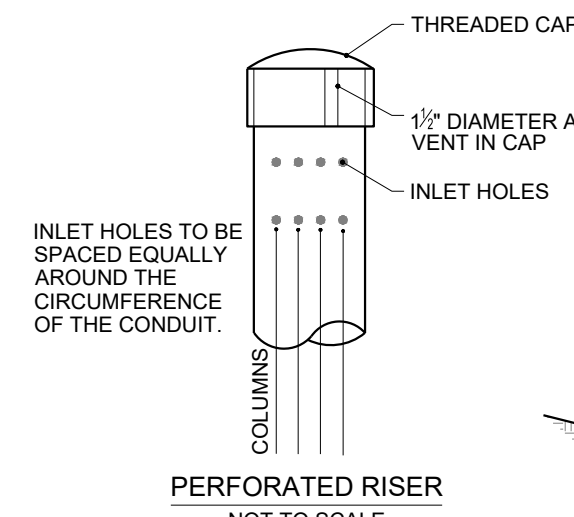
BASIN MATERIALS: THE BASIN DIMENSIONS, MATERIALS, AND GRATE ARE TO BE PER IDOT STD. DWG. 602001-02, EXCEPT AS DETAILED HEREIN.

ALL AGGREGATE SHOWN SHALL MEET IDOT AGGREGATE GRADATION CONTROL SYSTEM (AGCS) STANDARDS.

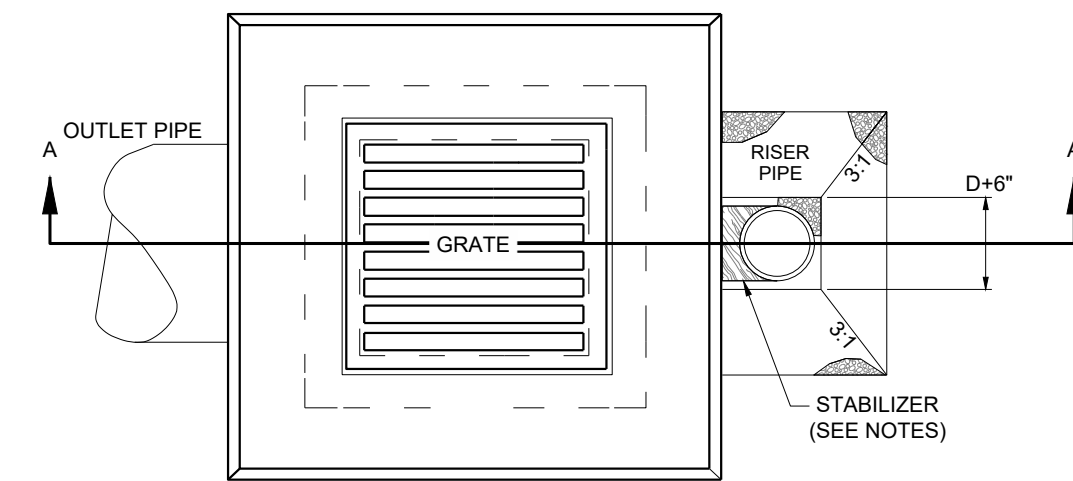
RISER PIPE: USE SCHEDULE 40 POLYVINYL CHLORIDE CONDUIT. PERFORATIONS SHALL BE ONLY AS DETAILED IN THE PLANS.

STABILIZER AND ANCHOR STRAP: SECURELY FASTEN THE RISER PIPE TO THE BASIN IN THE VERTICAL POSITION USING A STABILIZER AND ANCHOR STRAP THAT CONSISTS OF A UNIVERSAL CLAMP OR A STRAP AND A BLOCK. ALL METAL COMPONENTS SHALL BE GALVANIZED OR STAINLESS STEEL. ALL OTHER MATERIALS SHALL BE ROT RESISTANT.

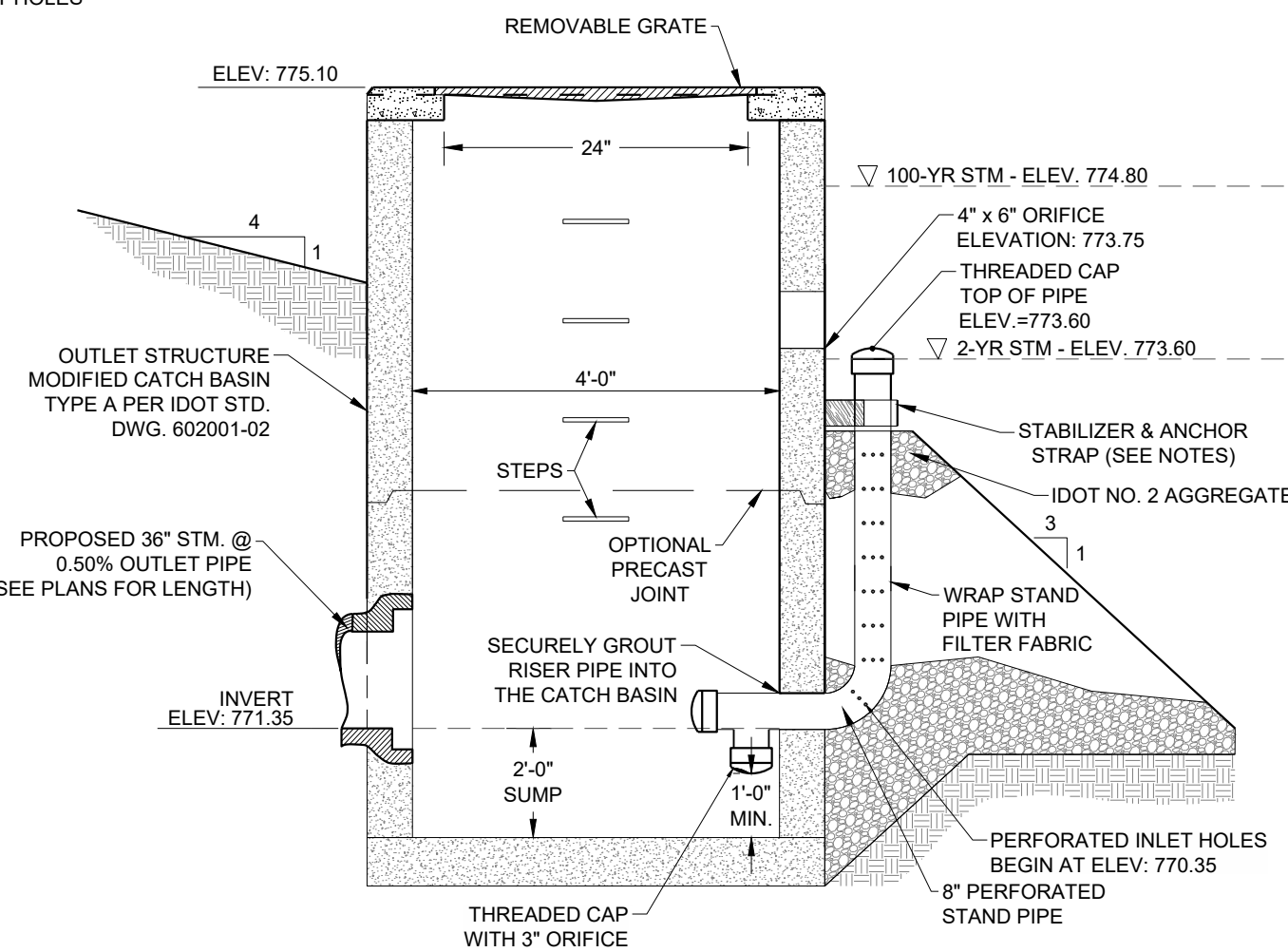
INSTALL PER IDOT SPECIFICATIONS AND STANDARD DRAWINGS



PERFORATED RISER
NOT TO SCALE



PLAN VIEW (DETENTION SHOWN)
NOT TO SCALE

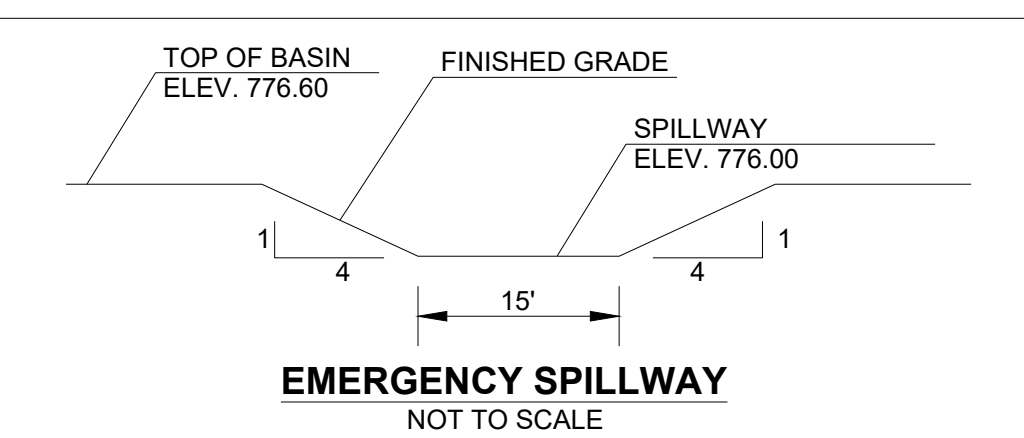


OUTLET STRUCTURE (#14) SECTION A-A
NOT TO SCALE

BMP STRUCTURE NOTICE

THE OUTLET STRUCTURE IS AN INTEGRAL PART OF THE PRIVATE STORM SEWER SYSTEM DEPICTED IN THESE DRAWINGS. RESPONSIBILITY AND ASSURANCE OF PERIODIC MAINTENANCE AND THE CONTINUOUS FUNCTIONALITY OF THESE STORMWATER QUALITY DEVICES IS PERPETUAL: BEGINNING WITH THE OWNER AT THE TIME OF INSTALLATION AND CONTINUING TO ALL FUTURE OWNERS OF SAID PRIVATE STORM SEWER SYSTEM.

CONTRACTOR TO ENSURE THAT THE DETENTION SYSTEM (INCLUDING ALL DETENTION STRUCTURES AND OUTLET STRUCTURES) IS CLEAN AND FUNCTIONS PROPERLY BEFORE SYSTEM IS TURNED OVER TO THE OWNER.



EMERGENCY SPILLWAY
NOT TO SCALE

NOTE: STORMWATER CALCULATIONS BASED ON THE CITY OF ROCHELLE MUNICIPAL CODE REVISED DECEMBER 2016. THE PEAK RUNOFF RATE FOR THE 2-YR. RETURN PERIOD STORM MUST NOT EXCEED 0.04 CFS PER ACRE OF PROPERTY DRAINED. THE PEAK RUNOFF RATE FOR THE 100-YR. RETURN PERIOD STORM MUST NOT EXCEED 0.20 CFS PER ACRE OF PROPERTY DRAINED.

STORAGE VOLUME REQUIRED: 52,163 CF

STORAGE VOLUME PROVIDED: 56,054 CF

West Basin Spillway Calculations

(Q100) Estimated 100-yr Flow = 19.16 cfs

(Qs) Spillway Capacity = $C_w \cdot L \cdot (h^{3/2})$

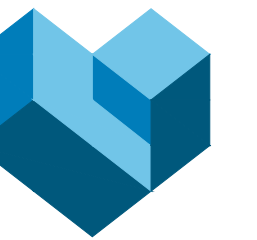
Spillway Coefficient, C_w = 2.90
Bottom Width, L = 15.00 ft
Height, h = 0.60 ft
Qs = 20.22 cfs

GENERAL NOTES

- 1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY OF ROCHELLE AND IDOT REGULATIONS AND CODES, AND O.S.H.A. STANDARDS. THE CONTRACTOR SHALL OBTAIN FINAL PERMITTING AND APPROVAL/INSPECTIONS AS REQUIRED FROM THE LOCALITY.
- 2. STORM SEWER CATCH BASINS, CURB INLETS, MANHOLES AND ENDWALLS SHALL CONFORM TO IDOT STANDARD CONSTRUCTION DRAWINGS.
- 3. REFER TO SWPPP PLANS FOR RIPRAP LOCATIONS AND DIMENSIONS AND ALL OTHER PERMANENT EROSION CONTROL MEASURES.

City of Rochelle Allowable Peak Discharge		
West Basin	Existing	Proposed
Drainage Area (Acres)	5.9	3.5
2 Year Storm Event (CFS)	0.236	0.229
100 Year Storm Event (CFS)	1.18	1.171





CESO
WWW.CESONC.COM



REVISION DESCRIPTION
NO. DATE

LOVE'S TRAVEL STOPS

ROCHELLE, IL

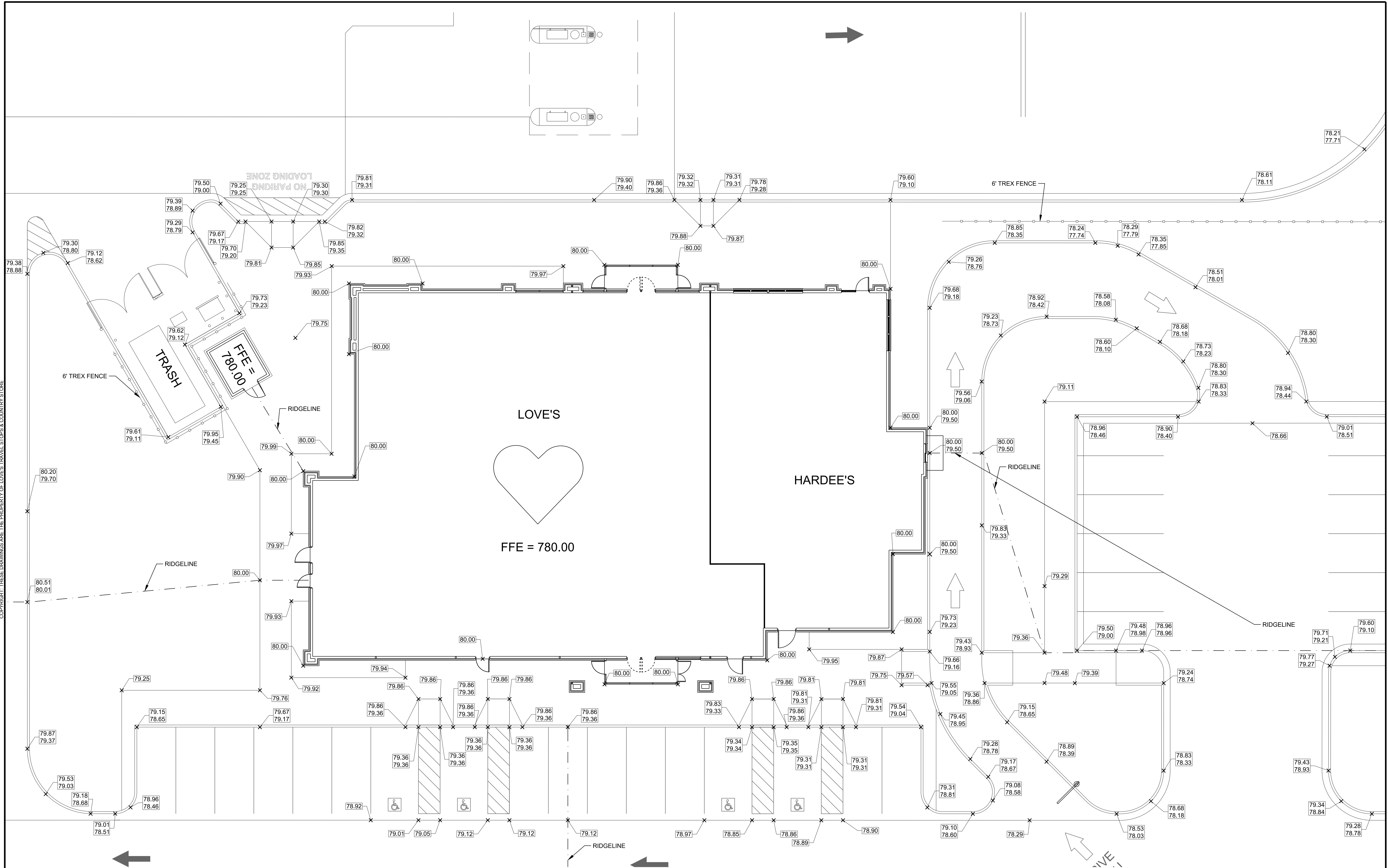
ROCHELLE, LOGE COUNTY, IL

BUILDING
GRADING
DETAILS

ISSUE:
NOT FOR CONSTRUCTION
DATE:
7/28/2017

JOB NO.: 752789
DESIGN: SJH
DRAWN: SJH
CHECKED: NRH

SHEET NO.
C5.4



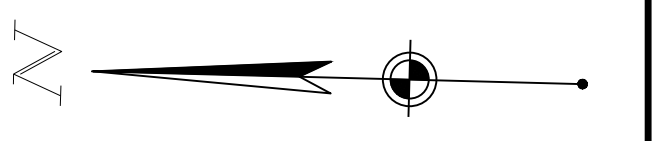
SPOT ELEVATIONS FOR BUILDING

SCALE: 1" = 10'

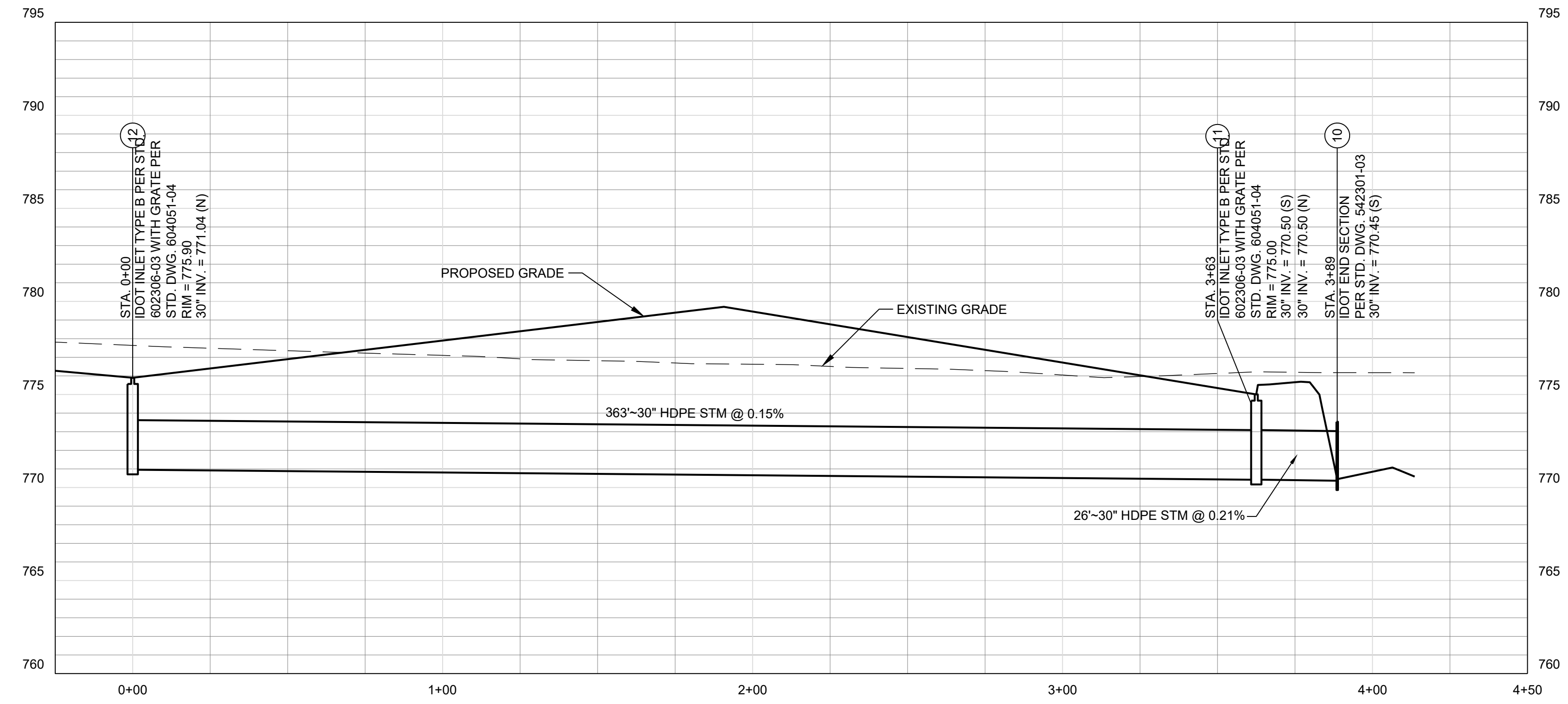
NOTES

1. ALL SPOT GRADES REFER TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE GRADING PLAN FOR ADDITIONAL GRADES ON SITE.
3. ALL DISCREPANCIES BETWEEN SPOT ELEVATIONS ON THIS SHEET AND THE GRADING PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND THE DESIGN ENGINEER.
4. SLOPES IN HANDICAP PARKING AREA AND ACCESSIBLE AISLE WAY SHALL NOT EXCEED 2.0% IN ANY DIRECTION.
5. REFER TO ELECTRICAL DRAWINGS FOR FINAL LIGHT POLE LOCATIONS.

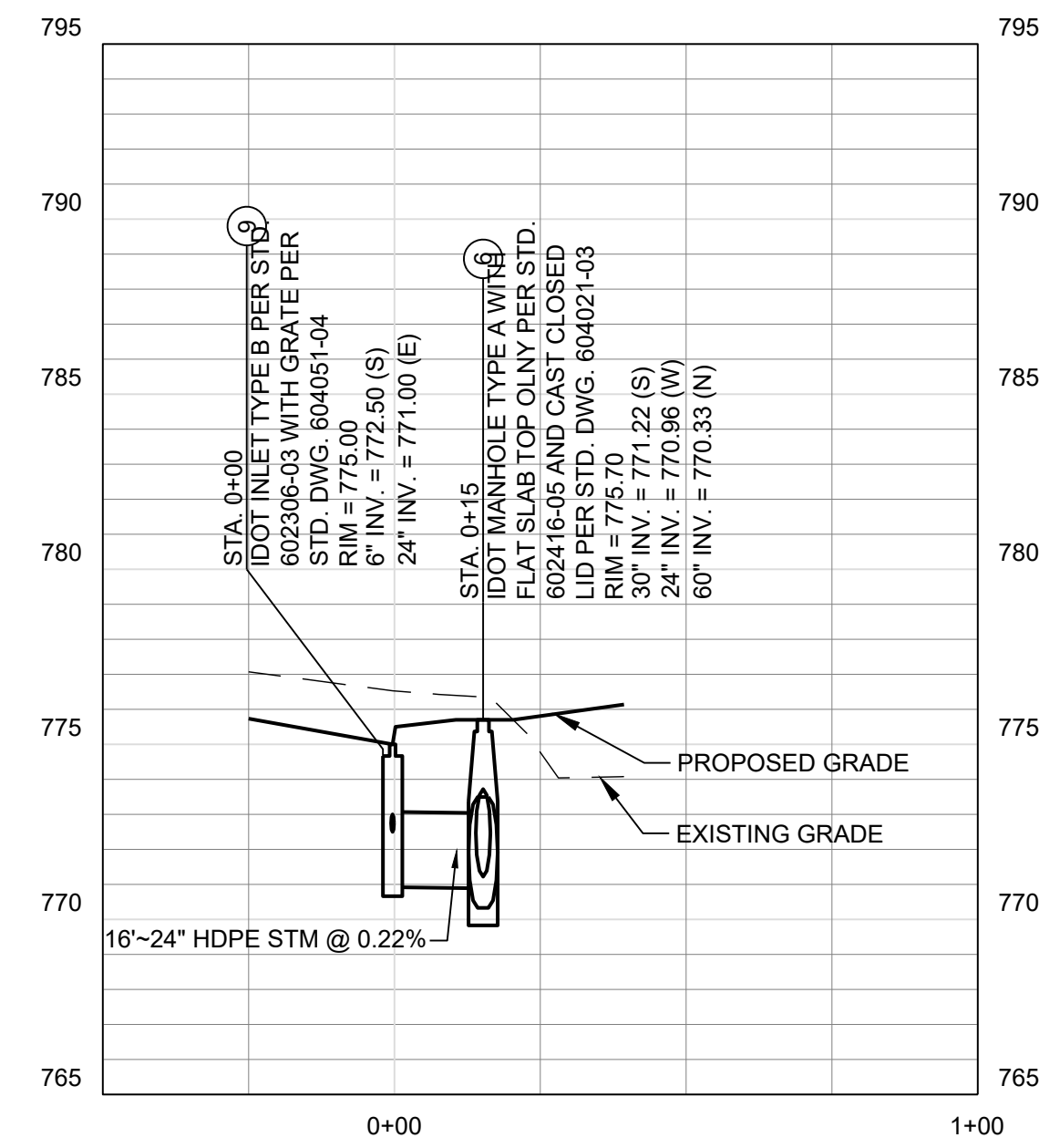
Call Before You Dig
JULIE
ILLINOIS ONE-CALL SYSTEM
800.892.0123



COPYRIGHT - THESE DRAWINGS ARE THE PROPERTY OF LOVE'S TRAVEL STOPS & COUNTRY STORE



STORM 10-12 PROFILE
SCALE: 1" = 30' HORIZ.; 1" = 5' VERT.



STORM 6-9 PROFILE
SCALE: 1" = 30' HORIZ.; 1" = 5' VERT.

NO.	DATE	REVISION DESCRIPTION
•	•	•
•	•	•

LOVE'S TRAVEL STOPS
ROCHELLE, IL

ROCHELLE, LOGE COUNTY, IL

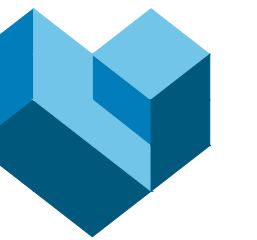
IL 251

STORM SEWER PROFILES

ISSUE: NOT FOR CONSTRUCTION
 DATE: 7/28/2017
 JOB NO.: 752789
 DESIGN: LEA
 DRAWN: LEA
 CHECKED: SJH

SHEET NO. C5.7





CESO
WWW.CESOINC.COM



REVISION DESCRIPTION

NO. DATE

LOVES TRAVEL STOPS

ROCHELLE, IL

IL 251

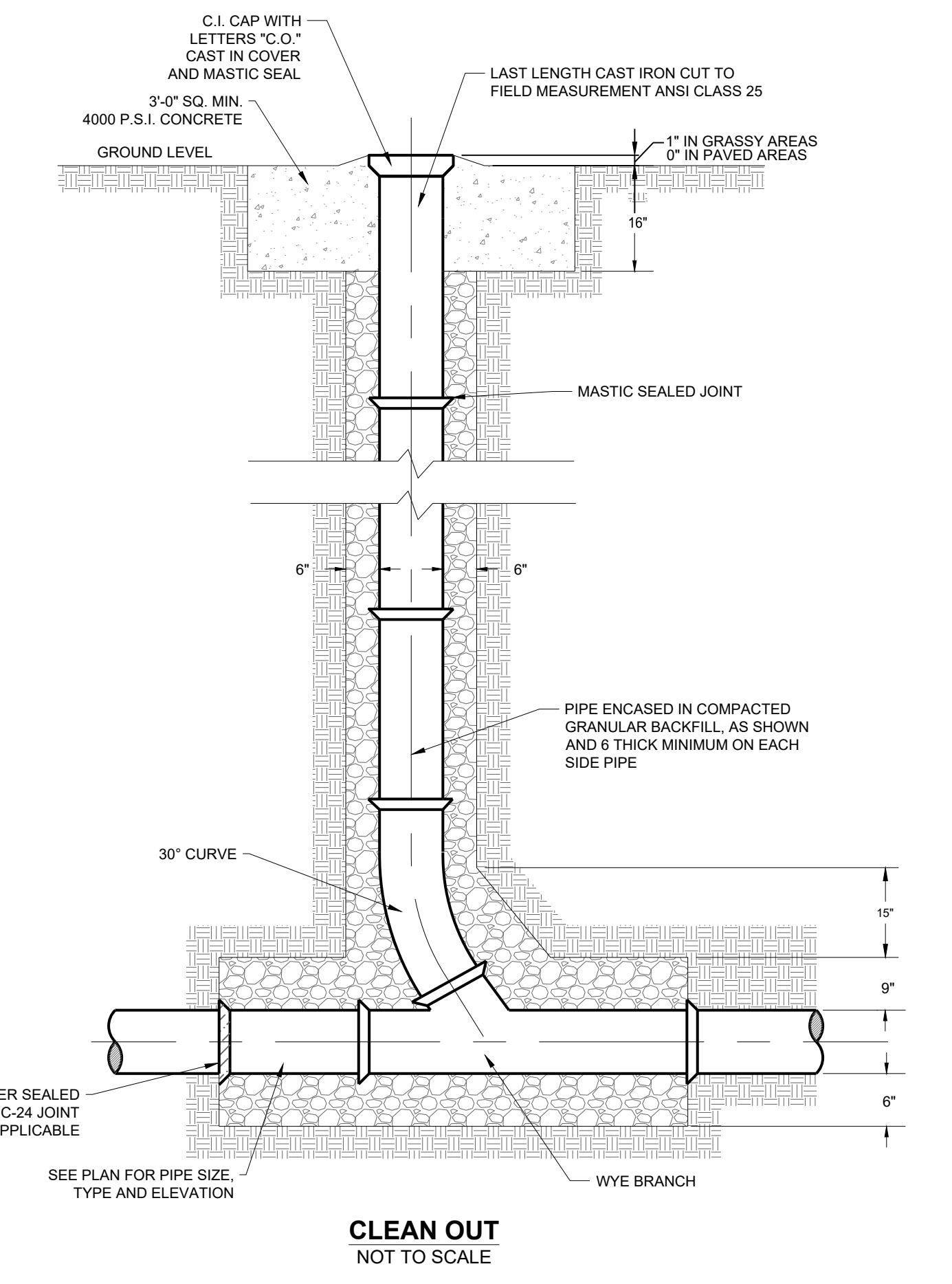
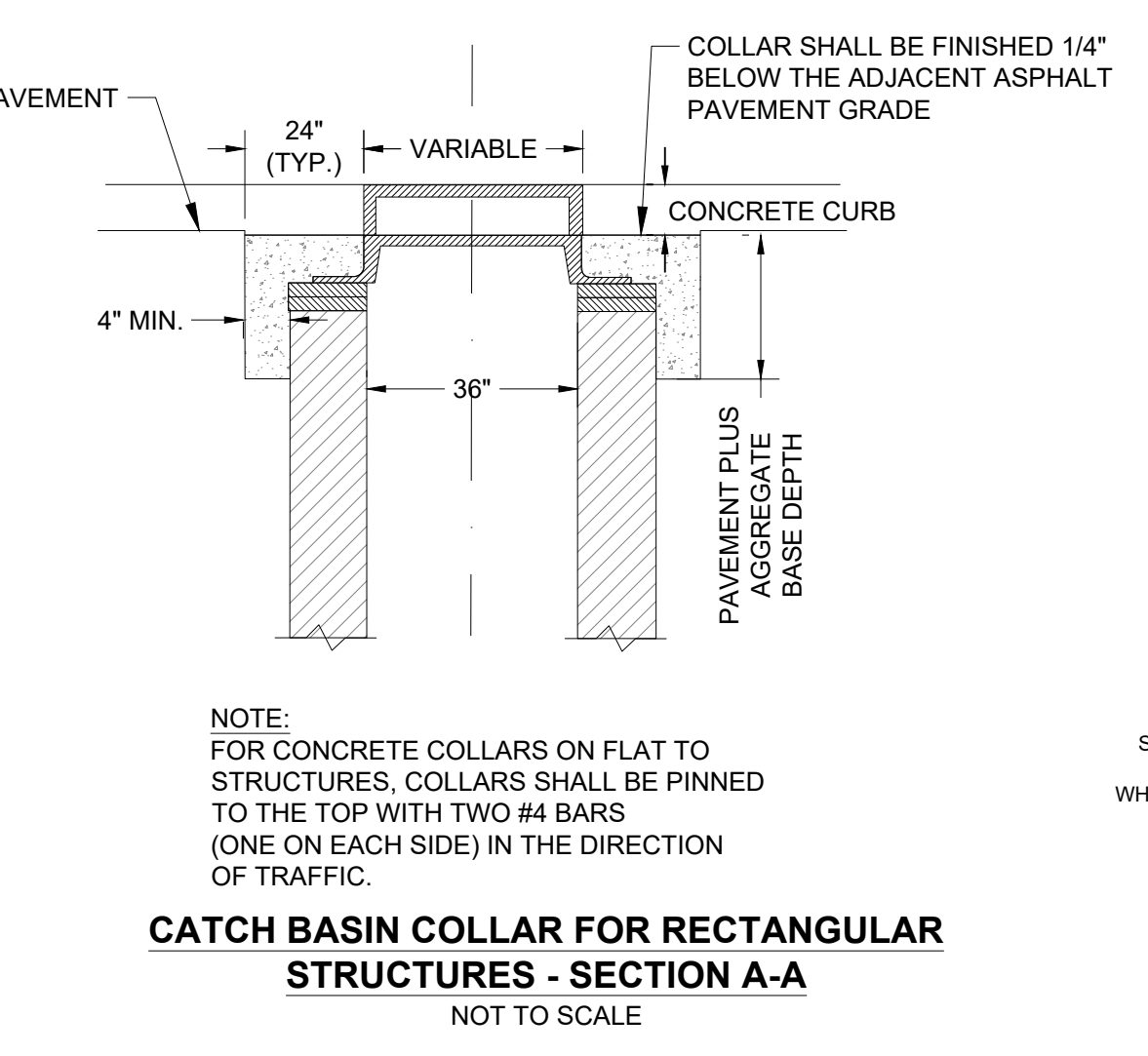
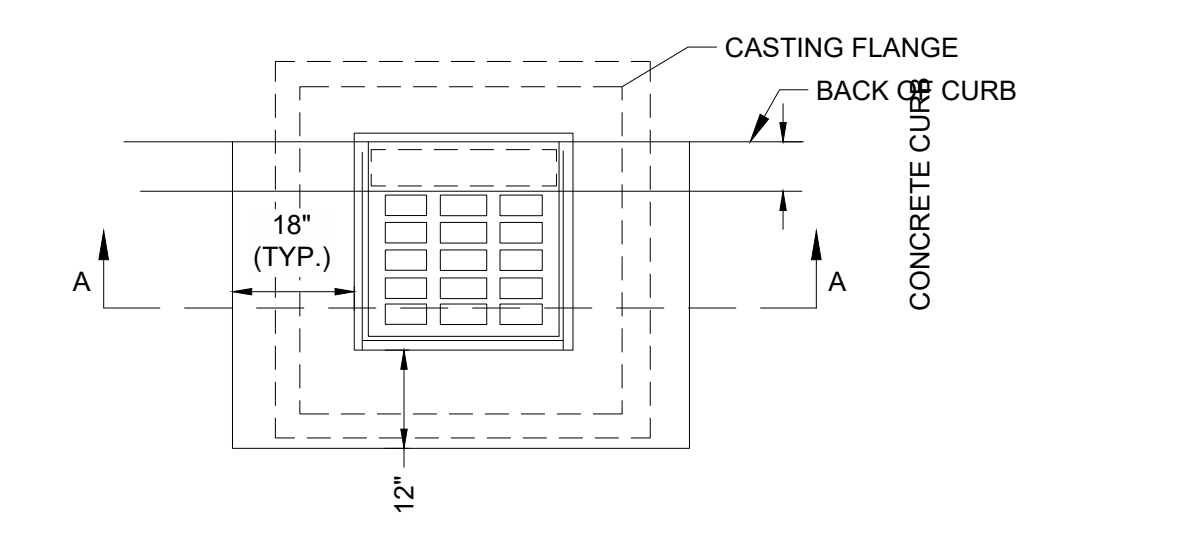
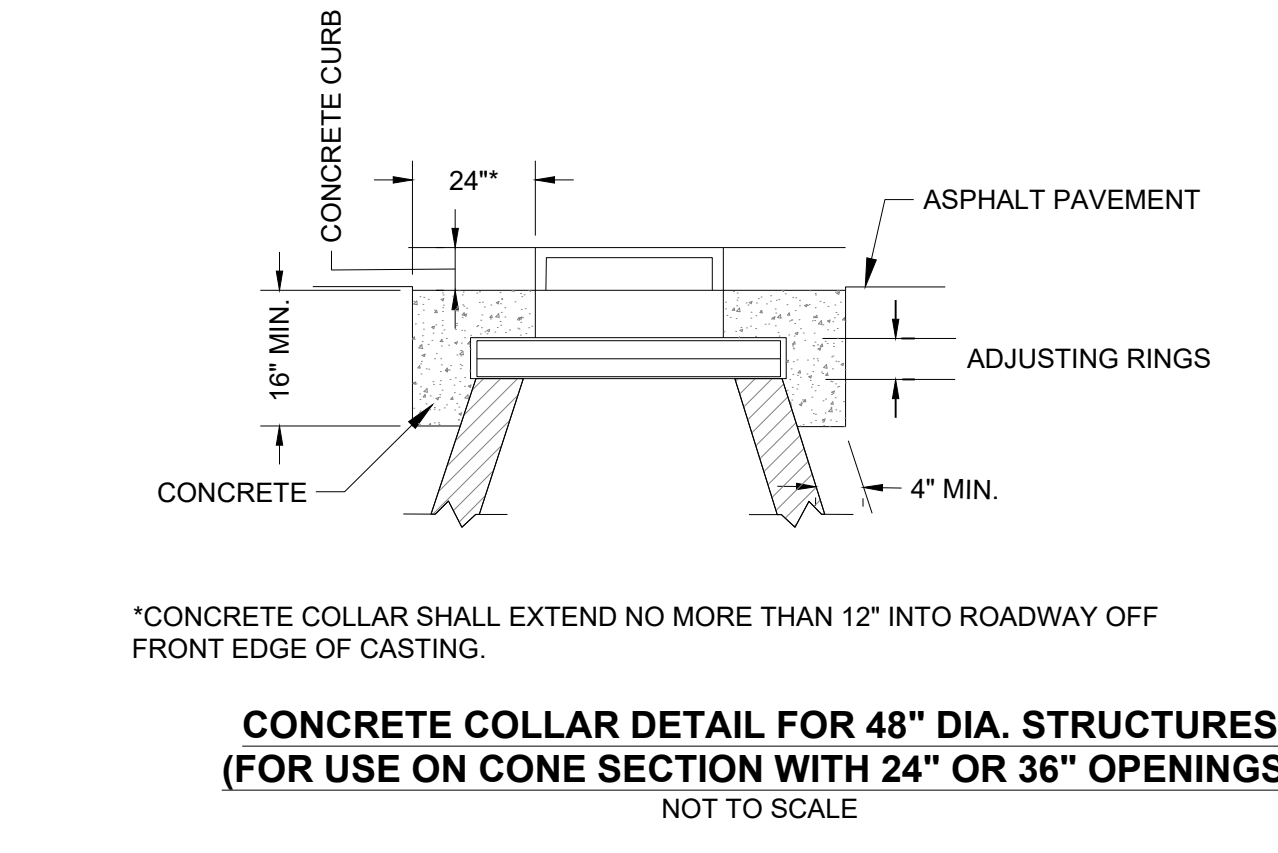
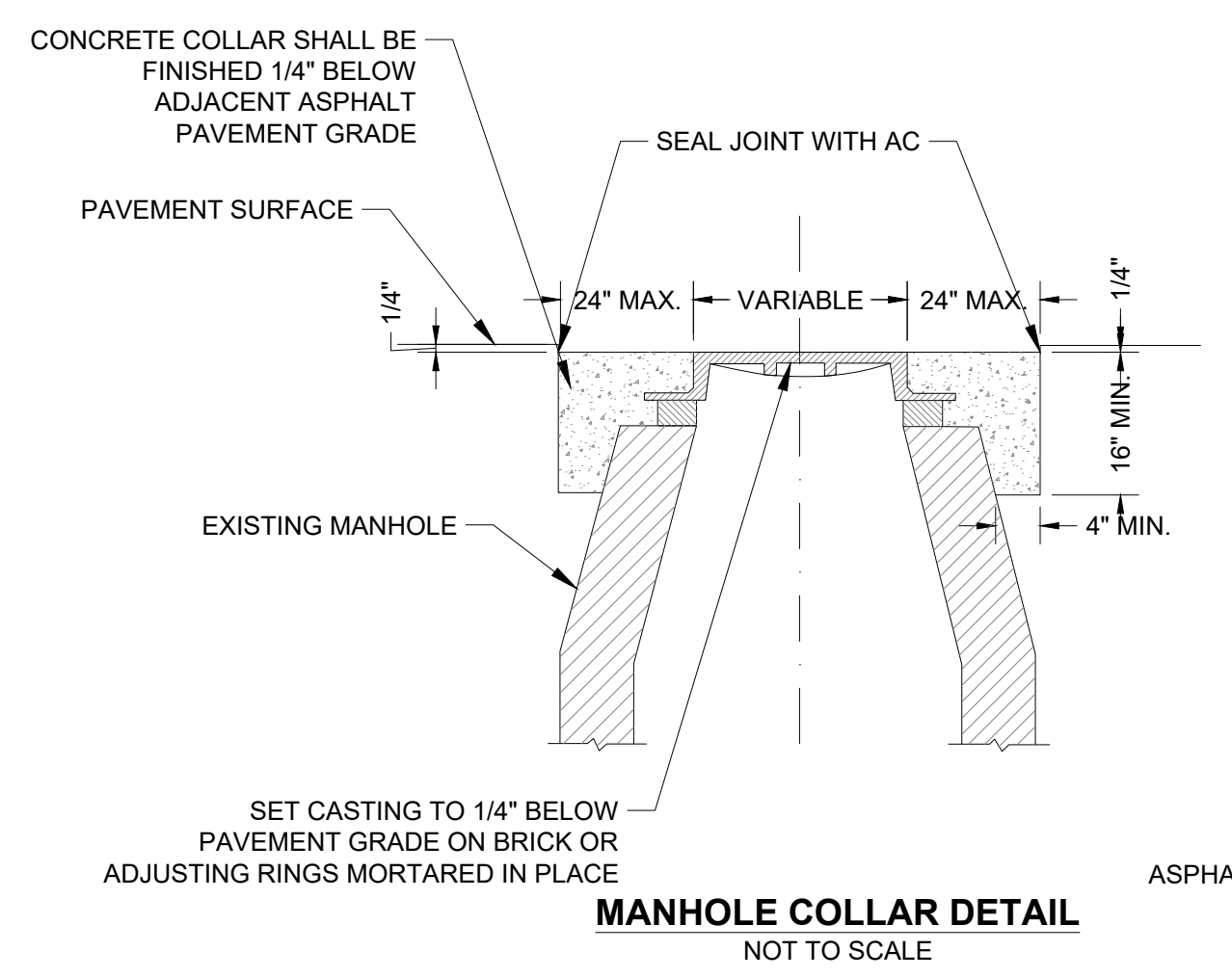
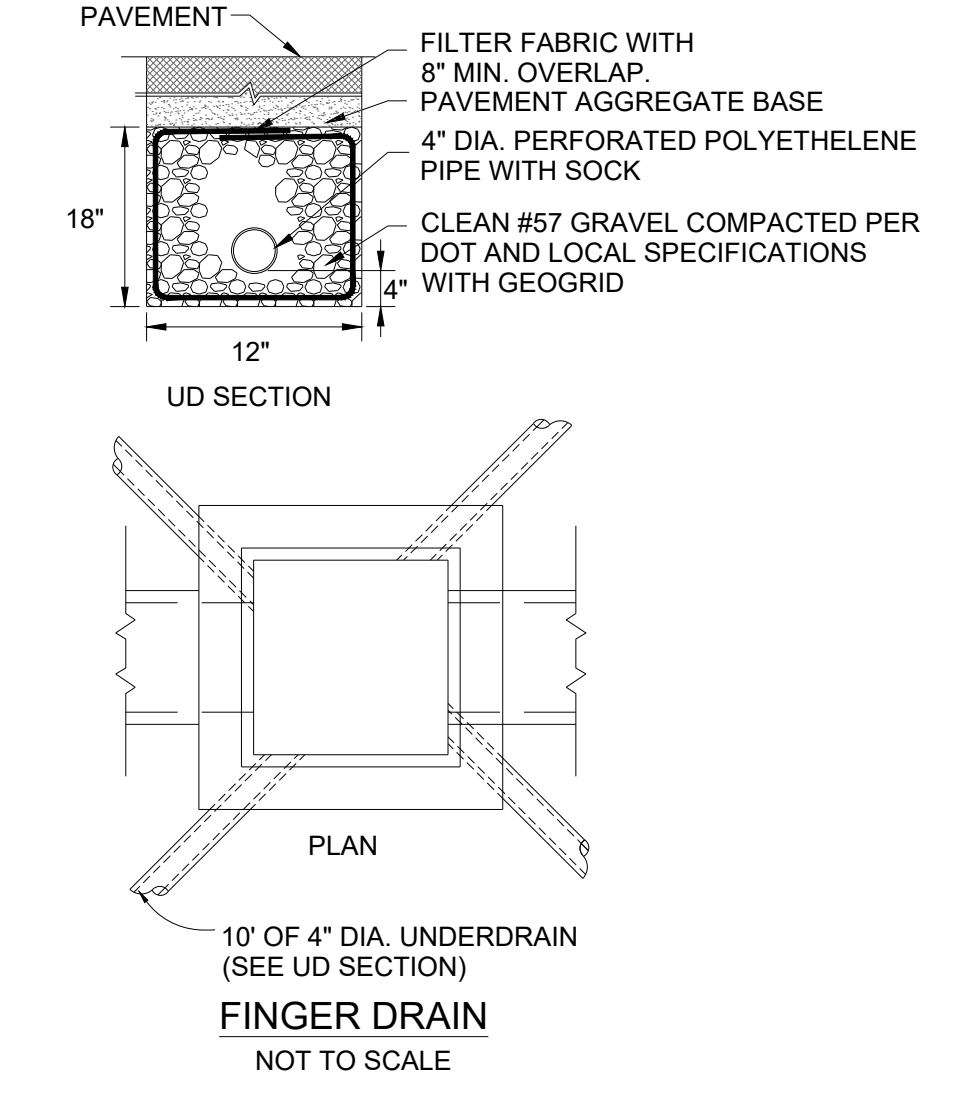
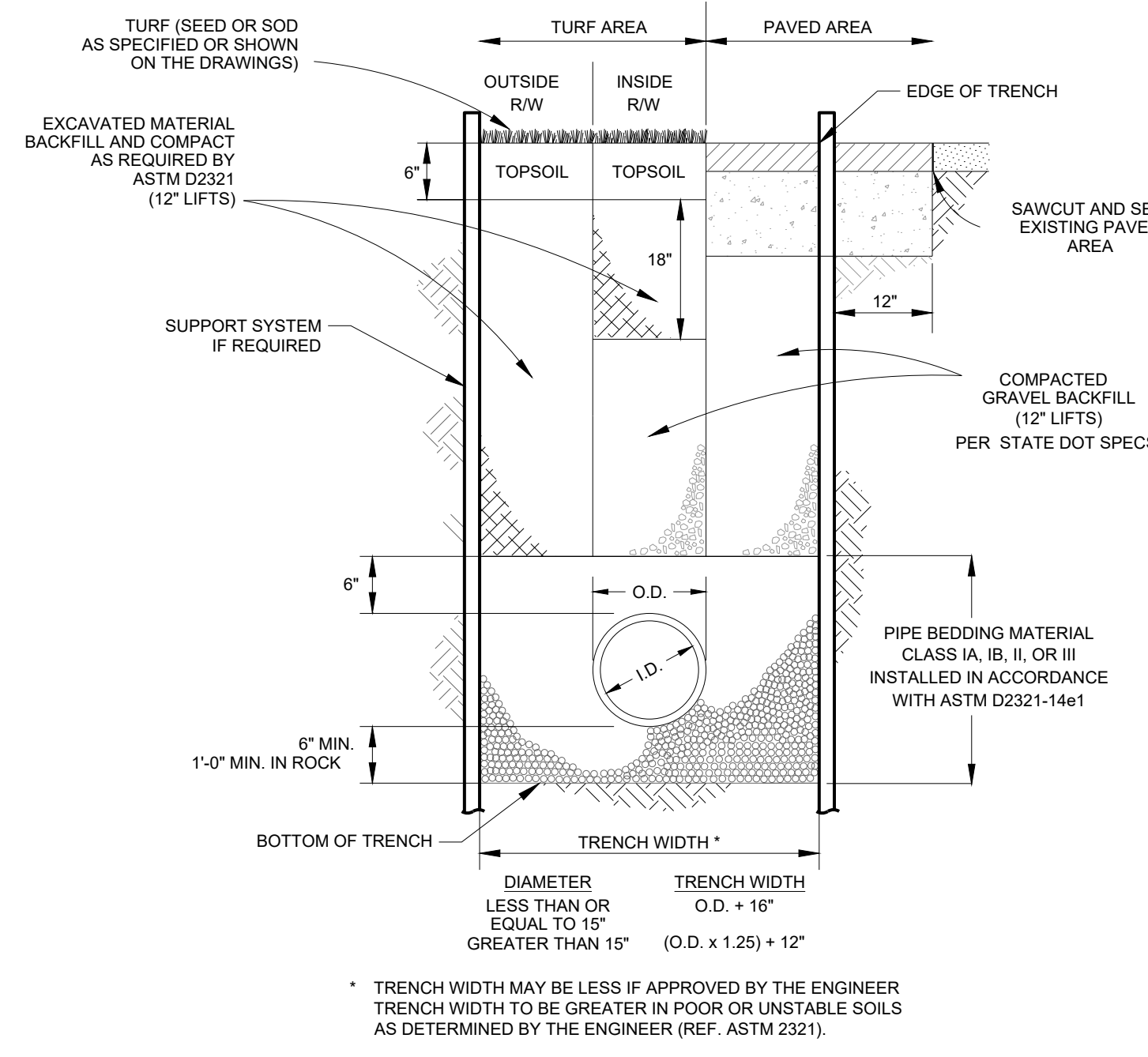
ROCHELLE, LOGUE COUNTY, IL

CONSTRUCTION
DETAILS

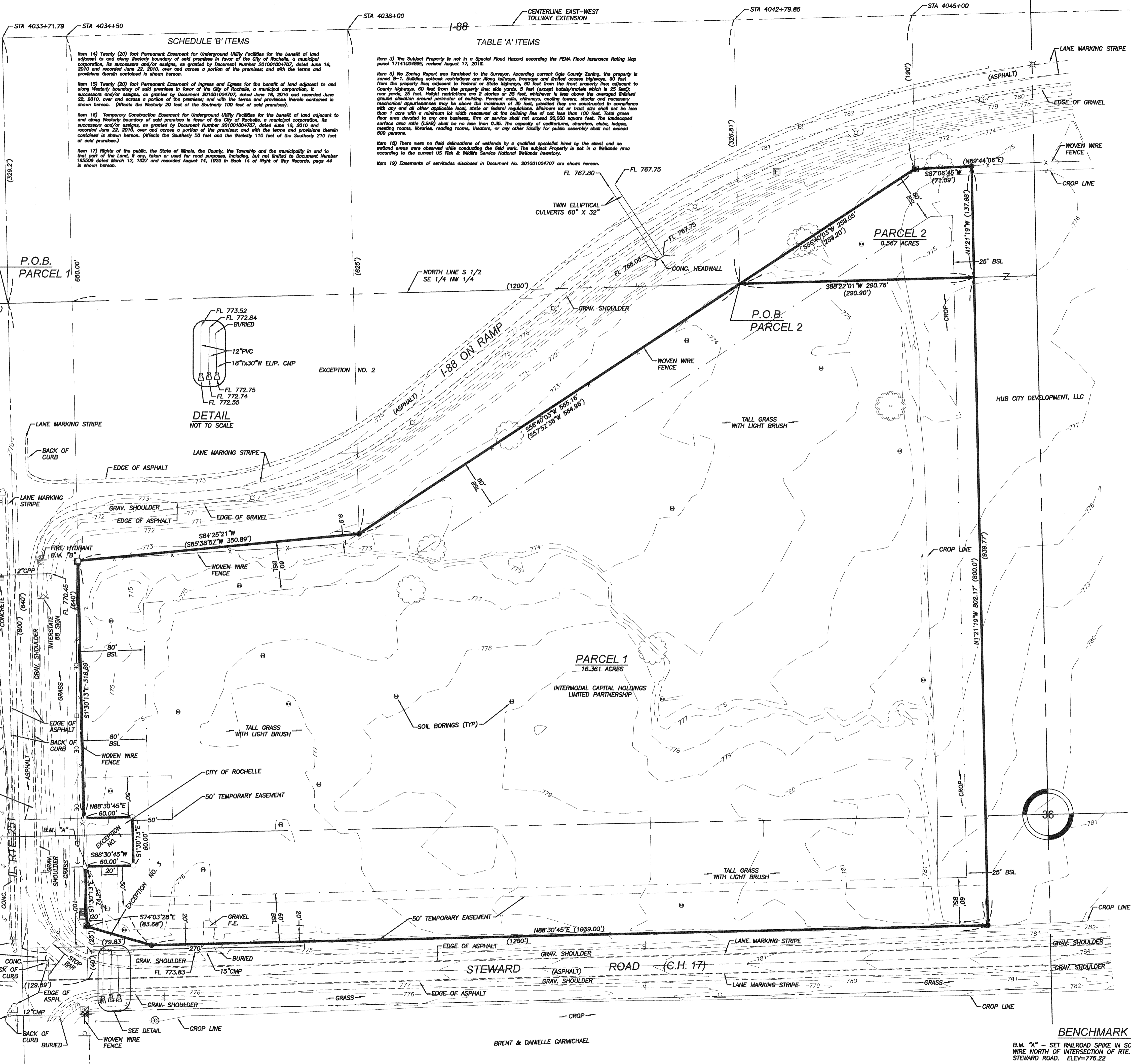
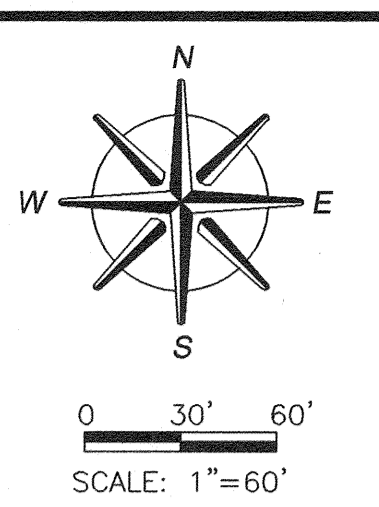
ISSUE:
NOT FOR CONSTRUCTION
DATE:
7/28/2017

JOB NO.: 752789
DESIGN: LEA
DRAWN: LEA
CHECKED: SJH

SHEET NO.
C7.1



COPYRIGHT - THESE DRAWINGS ARE THE PROPERTY OF LOVES TRAVEL STOPS & COUNTRY STORE



SCHEDULE 'B' ITEMS

Item 14 Twenty (20) foot Permanent Easement for Underground Utility Facilities for the benefit of land adjacent to and along Western boundary of said premises in favor of the City of Rochelle, a municipal corporation, its successors and/or assigns, as granted by Document Number 201001004707, dated June 16, 2010 and recorded June 22, 2010, over and across a portion of the premises; and with the terms and provisions therein contained as shown hereon.

Item 15 Twenty (20) foot Permanent Easement of Egress and Access for the benefit of land adjacent to and along Western boundary of said premises in favor of the City of Rochelle, a municipal corporation, its successors and/or assigns, as granted by Document Number 201001004707, dated June 16, 2010 and recorded June 22, 2010, over and across a portion of the premises; and with the terms and provisions therein contained as shown hereon. (Affects the Western 20 feet of the Southern 100 feet of said premises).

Item 16 Temporary Construction Easement for Underground Utility Facilities for the benefit of land adjacent to and along Western boundary of said premises in favor of the City of Rochelle, a municipal corporation, its successors and/or assigns, as granted by Document Number 201001004707, dated June 16, 2010 and recorded June 22, 2010, over and across a portion of the premises; and with the terms and provisions therein contained as shown hereon. (Affects the Southern 20 feet and the Western 110 feet of the Southern 210 feet of said premises).

Item 17 Rights of the public, the State of Illinois, the County, the Township and the municipality in and to that part of the Land, if any, taken or used for road purposes, including, but not limited to Document Number 180500 dated March 12, 1925 and recorded August 14, 1925 in Book 14 of Right of Way Records, page 44 as shown hereon.

TABLE 'A' ITEMS

Item 3) The Subject Property is not in a Special Flood Hazard according to the FEMA Flood Insurance Rating Map panel 1714100409C, revised August 17, 2016.

Item 5) No Zoning Report was furnished to the Surveyor. According current Ogle County Zoning, the property is zoned B-1. Building setback restrictions are: Along highways, freeways and limited access highways, 60 feet from the property line; adjacent to Federal or State Highways, 80 feet from the front property line; adjacent to County Highways, 40 feet from the property line; side yards, 5 feet (except hotels/motels which is 25 feet); rear yards, 25 feet. Height restrictions are 2 stories or 33 feet, whichever is less above the averaged finished ground elevation around perimeter of building. Porches, chimneys, cooling towers, stacks and necessary mechanical appurtenances may be above the maximum of 35 feet, provided they are constructed in compliance with any and all applicable local, state or federal regulations. Minimum lot or tract size shall not be less than 1 acre with a minimum lot width measured at the building line of not less than 100 feet. Total gross floor area devoted to any one business, firm or service shall not exceed 20,000 square feet. The landscaped surface area ratio (LSAR) shall be no less than 0.35. The capacity of auditoriums, churches, clubs, lodges, meeting rooms, libraries, reading rooms, theaters, or any other facility for public assembly shall not exceed 500 persons.

Item 18) There were no field delineations of wetlands by a qualified specialist hired by the client and no wetland areas were observed while conducting the field work. The subject property is not in a Wetlands Area according to the current US Fish & Wildlife Service National Wetlands Inventory.

Item 19) Easements of servitudes disclosed in Document No. 201001004707 are shown hereon.

ALTA/NSPS SURVEY

Part of the Southeast Quarter (SE1/4) of the Northwest Quarter (NW1/4) of the Northeast Quarter (NE1/4) of Section Thirty-six (36), Township Forty (40) North, Range One (1) East of the Third (3rd) Principal Meridian, Ogle County, Illinois, described as follows:

Beginning at a point of intersection of the Eastern right-of-way line of U.S. Route 51 and the North line of the South Half (S1/2) of said Southeast Quarter (SE1/4) of the Northwest Quarter (NW1/4) being located 42.83 feet East of the Northwest corner of said South Half (S1/2); thence South on said Eastern right-of-way line, 800 feet to the Northern right-of-way line of County Highway 17; thence East on said Northern right-of-way line and parallel with said North line of the South Half (S1/2), 1200 feet; thence North, parallel with said Eastern right-of-way line, 800 feet to said North line of the South Half (S1/2); and thence West on said North line, 1200 feet to the Point of Beginning.

EXCEPTING THEREFROM, Part of the Northwest Quarter (NW1/4) of the Southwest Quarter (SW1/4) of Section Thirty-six (36), Township Forty (40) North, Range One (1) East of the Third (3rd) Principal Meridian, Ogle County, Illinois, described as follows: Commencing at the point of intersection of the Eastern right-of-way line of Illinois Route 251 and the North line of the South Half (S1/2) of the Northwest Quarter (SE1/4) of the Northwest Quarter (NW1/4) of said Section Thirty-six (36), being located 42.83 feet East of the Northwest corner of said Eastern right-of-way line, a distance of 80 feet to the Point of Beginning of the parcel being described; thence East, parallel with the Northern right-of-way line of County Highway 17 (Steward Road), a distance of 80 feet; thence South, parallel with the Eastern right-of-way line of County Highway 251, a distance of 60 feet; thence West, parallel with the Northern right-of-way line of County Highway 17 (Steward Road), a distance of 60 feet to the Eastern right-of-way line of Illinois Route 251; thence North on said Eastern right-of-way line, a distance of 60 feet to the Point of Beginning. (Exception No. 1)

ALSO EXCEPTING THEREFROM the following two tracts:

1) Beginning at a point in the East right-of-way line of U.S. Highway 51 (said right-of-way line being 40 feet East of the West line of said South Half (S1/2) of the Northwest Quarter (SE1/4) of the Northwest Quarter (NW1/4)), 1125.2 feet South measured on said East right-of-way line of Tolway Centerline Station 4033+71.79 of Highway known as East-West Tolway Extension as said centerline is surveyed and staked out by the Illinois State Toll Highway Authority recorded in Book 6-1 of Plat Survey Records, page 11; thence North on said East right-of-way line 800 feet to a point 326.21 feet South of Tolway centerline Station 4033+71.79 said point also being the North line of said South Half (S1/2); thence East on the East right-of-way line to a point 326.21 feet South of Tolway centerline Station 4042+79.85; thence South 85 degrees 36 minutes 57 seconds West, 300.08 feet to a point 600 feet South of Tolway centerline Station 4034+50; thence South 0 degrees 15 minutes 54 seconds East, 479.2 feet to a point 1125.2 feet South of Tolway centerline Station 4034+50; and thence West to the Point of Beginning. (Exception No. 2)

2) Beginning at the Northwest corner of said Northwest Quarter (NE1/4) of the Southwest Quarter (SW1/4) in Ogle County, Illinois; thence South on the West line thereof, 178.58 feet; thence East, parallel with said North line of the South Half (S1/2) of the Southwest Quarter (SE1/4) of the Northwest Quarter (NW1/4), 124.09 feet; thence North, perpendicular to the last described course, 40 feet to the Point of Intersection of the Northern right-of-way line of County Highway No. 17 and the Eastern right-of-way line of the Northern Illinois Toll Highway to the Point of Beginning; thence North on said Eastern right-of-way line 25 feet; thence Southwesterly 83.03 feet to a point in said Northern right-of-way line, 79.83 feet East of the Point of Beginning; and thence West on said Northern right-of-way line, 79.83 feet to the Point of Beginning. (Exception No. 3)

Situated in Ogle County, Illinois.

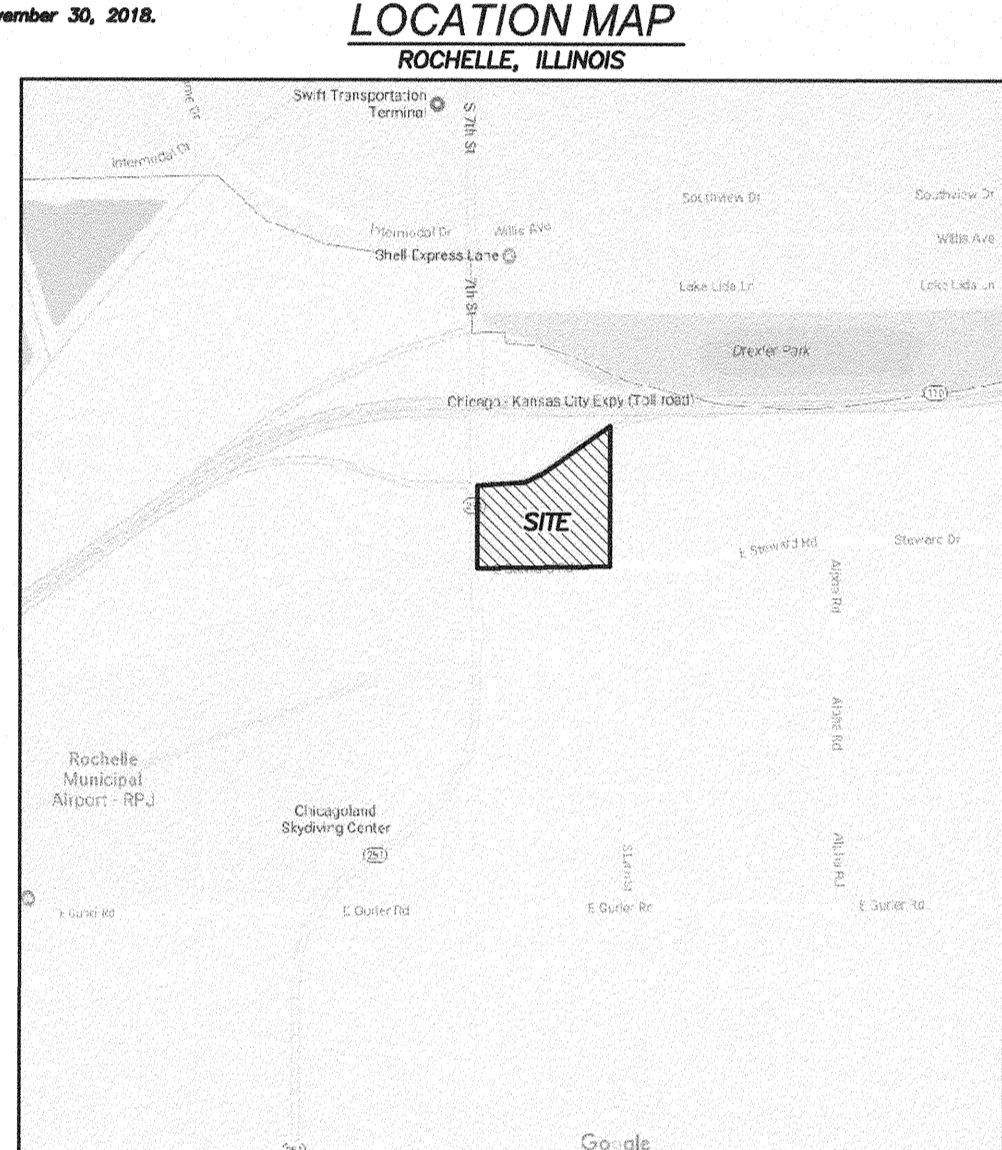
SURVEYOR'S CERTIFICATION

I, **DAVID D. SCOVEL**, Licensed Professional Land Surveyor, No. 035-3138, State of Illinois, do hereby certify that this map or plan and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys", jointly established and adopted by ALTA and NSPS in 2016 and upon Chicago Title Insurance Company's Commitment No. 0271-1700036, effective January 27, 2017 and includes items 1, 3, 4, 5, 6(a), 6(b), 7(b)(1), 8, 13, 14, 18 and 19 of Table A thereof. The field work was completed on February 16, 2017.

Dated: 2/23/2017

David D. Scovel
David D. Scovel
Illinois Professional Land Surveyor
License No. 035-3138

My License expires November 30, 2018.



LEGEND

TOPOGRAPHIC	SURVEY
--- BOUNDARY OF SURVEY	● STEEL PIN FOUND
- - - SECTION LINE	○ STEEL PIN SET
- - - RIGHT OF WAY LINE	○ SET SURVEY NAIL
- - - CENTERLINE	○ R.O.W. MARKER
- - - BUILDING SETBACK (DBL)	⊕ CHISELED "X"
- - - EASEMENT (L&L)	▲ STONE FOUND
- - - ONE INCH	⊙ P.X. NAIL
- - - OVERHEAD ELECTRIC LINE	
- - - UNDERGROUND ELECTRIC LINE	
- - - OVERHEAD TELEPHONE LINE	
- - - UNDERGROUND TELEPHONE LINE	
- - - FIBER OPTIC LINE	
- - - FENCE LINE	
- - - STORM SEWER	
- - - SANITARY SEWER	
- - - CURB AND GUTTER	
- - - DEPRESSION CURB	
- - - EXISTING CONTOUR LINE	
○ DEODIOUS SHRUB	
○ CONIFEROUS SHRUB	
○ DEODIOUS TREE	
○ CONIFEROUS TREE	
○ TELEPHONE POLE	
○ POWER POLE	
○ GUY WIRE	
○ GUY WIRE/TRANS.	
○ GAS METER/REGULATOR	
○ MANHOLE FOR ELECTRIC	
○ STREET LIGHT	
○ FIRE HYDRANT	
○ MANHOLE	
○ CLEVERITE	
○ WATER VALVE	
○ GAS VALVE	
○ DRAIN BULLET	
○ BULLET	
○ SIGN	
○ PROPOSED SANITARY SEWER	
○ PROPOSED SANITARY MANHOLE	
○ PROPOSED SANITARY SERVICE	
○ PROPOSED WATER MAIN	
○ PROPOSED WATER SERVICE	
○ PROPOSED WATER VALVE	
○ PROPOSED FIRE HYDRANT	
○ PROPOSED STORM SEWER	
○ PROPOSED STORM MANHOLE	
○ PROPOSED SIGN TILE	
○ PROPOSED DIO SECTION	
○ PROPOSED RIP RAP	
○ PROPOSED DIRECTION OF FLOW	
○ PROPOSED 100 YEAR FLOOD ROUTE	
○ T.A.E.	
○ PROPOSED CONTOUR LINE	
○ CONTOUR LINE	
○ PROPOSED CURB & GUTTER	

wendler
wendler engineering services, inc.
GROUND BREAKING SOLUTIONS
engineers - surveyors - scientists
www.wendlers.com ph: 815.288.2261
Illinois Professional Design Firm No. 184-00048

DATE: 02/16/2017
JOB NO: 21700118
SURVEYED BY: MRK/DJB
BOOK NO: 337-12
DRAWN BY: DJV
DRAWING NAME: 21700118
REVISIONS: 02/23/2017

A.L.T.A./NSPS SURVEY
FOR
CESO INC.