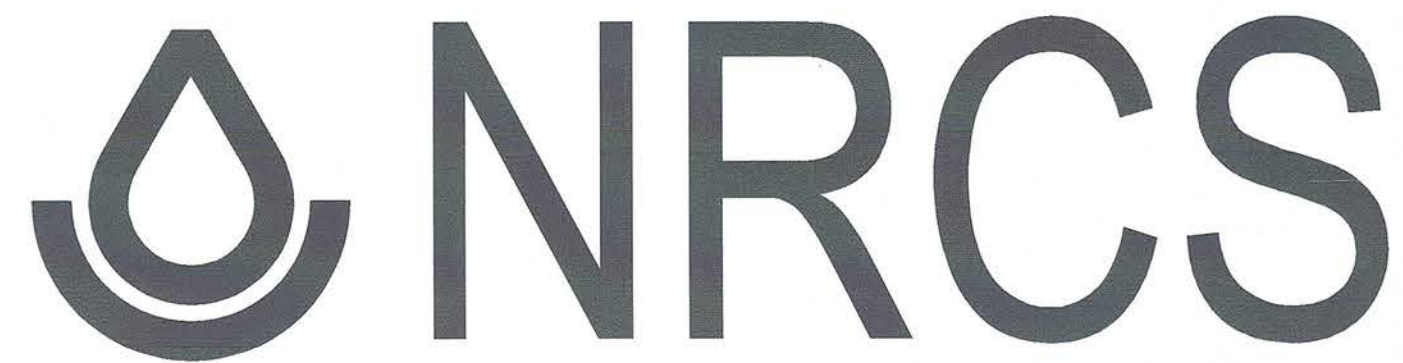


PART V
DRAWINGS

Plum Creek Watershed - REPAIRS
Floodwater Retarding Structure Site 12
Hays County, Texas

Drawing No. TX-EN-0714

Cover page + 8 sheets



United States Department of Agriculture
Natural Resources Conservation Service

PLUM CREEK WATERSHED

FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
HAYS COUNTY, TEXAS

DRAINAGE AREA	2,317 ACRES
TOTAL STORAGE	1,599 AC. FT.
EFFECTIVE HEIGHT OF DAM	23 FEET
OVERALL HEIGHT OF DAM	27 FEET

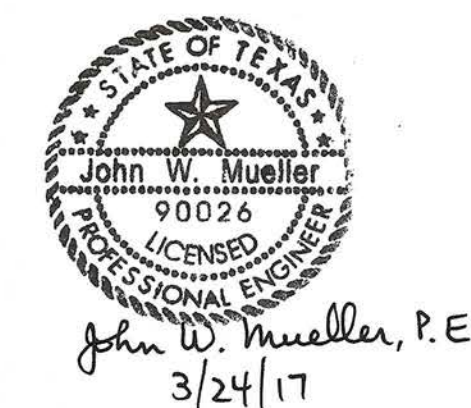
SPONSORED BY
PLUM CREEK CONSERVATION DISTRICT

COOPERATING WITH
NATURAL RESOURCES CONSERVATION SERVICE
OF THE
U.S. DEPARTMENT OF AGRICULTURE

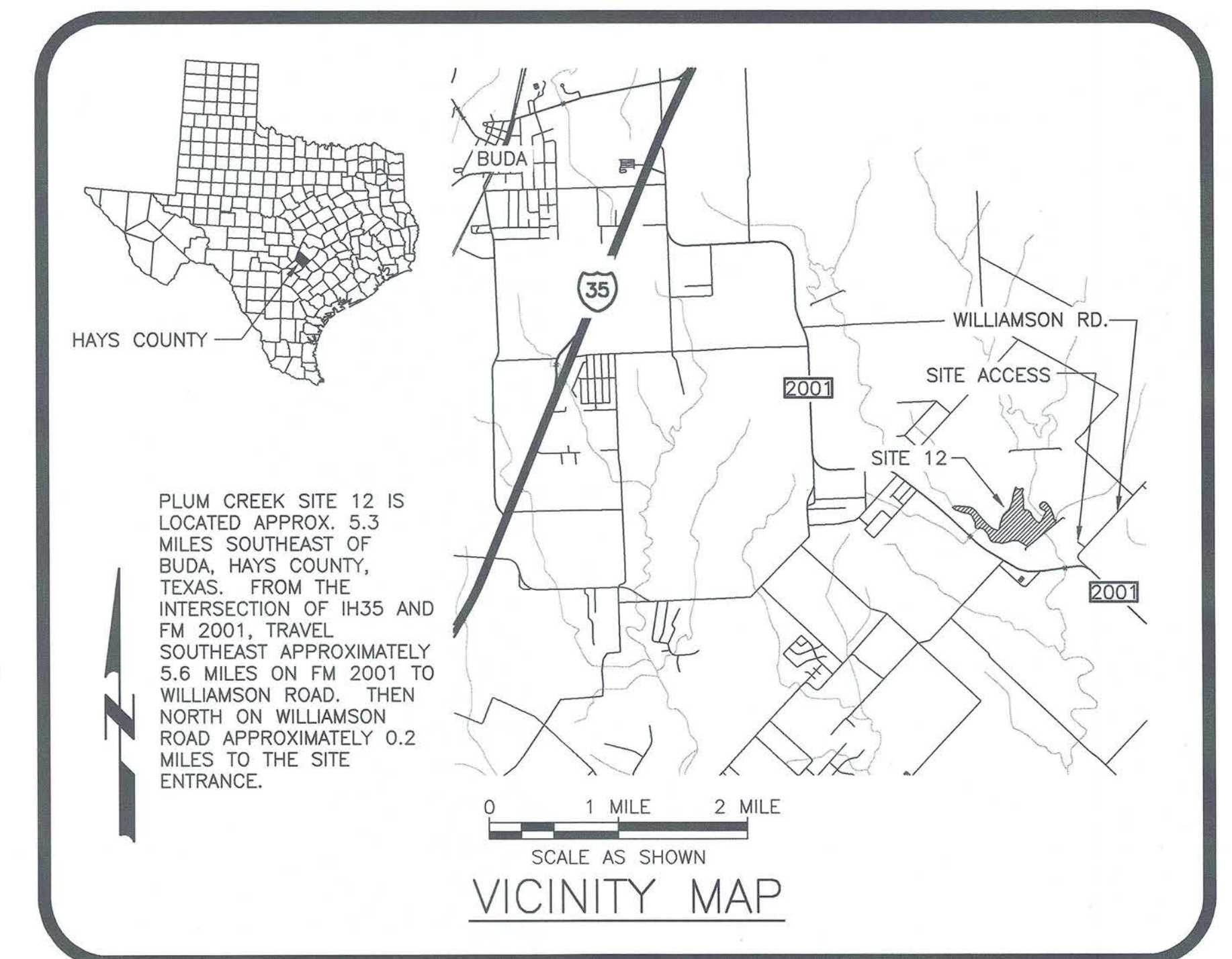
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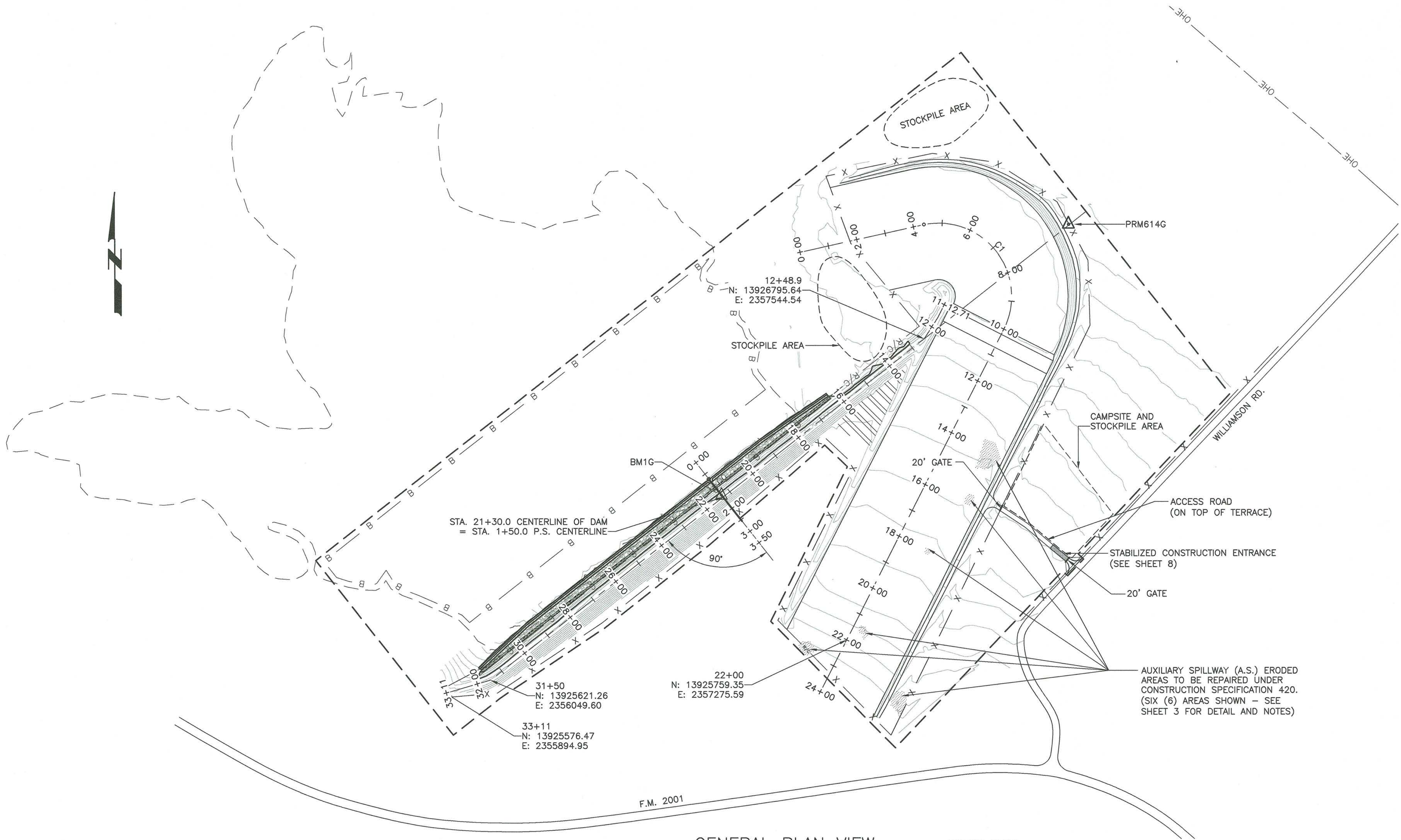
CONSTRUCTION DRAWINGS APPROVED
ENGINEERING JOB CLASS VII

John W. Mueller
STATE CONSERVATION ENGINEER, N.R.C.S.
TEMPLE, TEXAS



3/24/17
DATE





	EXISTING AS-BUILT (1963)	NRCS 2016 GPS SURVEY (OPUS CORRECTED)	Δ
P.S. CREST	607.4	607.97	0.57

NOTE:
ALL ELEVATIONS REFERENCED IN THESE
CONSTRUCTION DRAWINGS ARE BASED ON DATUM
ESTABLISHED BY THE NRCS AS SURVEYED IN JULY
2016.

THERE IS NO CHANGE IN PERMANENT WATER
LEVEL BETWEEN THESE CONSTRUCTION DRAWINGS
AND THE EXISTING SITE AS CONSTRUCTED.

ALIGNMENT CURVE DATA								
CURVE #	DELTA (Δ)	D	R	L	P.C.	P.I.	P.T.	T
C1	128° 37' 25"	022' 50' 46"	250.8	563.00	STA. 4+37 N: 13927188.31 E: 2357545.10	STA. 9+58.4 N: 13927293.82 E: 2358055.69	STA. 10+00 N: 13926829.06 E: 2357819.41	521.38

LEGEND			
— X —	EXISTING FENCES NOT TO BE REMOVED		
— R —	FENCE TO BE REMOVED		
— C —	FENCE TO BE CONSTRUCTED		
— B —	APPROX. LIMITS OF WORK AREA		
— B —	APPROX. LIMITS OF BORROW		
— OHE —	OVERHEAD ELECTRIC (APPROX. LOCATION SHOWN)		
ERODED AREA			
BACKFILL/WASTE AREA			

CONTROL			
DESC.	NORTHING	EASTING	ELEVATION
BM1G	13926256.64	2356846.92	621.03
PRM614G	13927189.93	2358043.15	624.86

CALL BEFORE YOU DIG!

TEXAS 811
PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG.
DRILL, OR BLAST - STOP AND CALL
811

THE LONE STAR
NOTIFICATION COMPANY
AT 1-800-669-8344

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO IMPROVEMENTS AND UTILITIES ALONG THE ACCESS ROUTE AND AT OR NEAR THE WORKSITE.
2. THE CONTRACTOR SHALL NOTIFY THE OWNERS OF ALL UTILITIES A MINIMUM OF THREE (3) DAYS IN ADVANCE OF INTENT TO PERFORM WORK IN THE VICINITY OF THE AFFECTED UTILITY. THE NOTICE SHALL BE IN WRITING AND A COPY SHALL BE FURNISHED TO THE CONTRACTING OFFICER. UTILITIES MAY EXIST AND NOT BE SHOWN ON THE CONSTRUCTION DRAWINGS. THE SITE SHALL BE CAREFULLY SCRUTINIZED FOR EVIDENCE OF UTILITIES. AT A MINIMUM, PRIOR TO ANY GROUND DISTURBANCE, THE TELEPHONE NUMBER 811 SHALL BE CALLED TO ASCERTAIN IF UNDERGROUND UTILITIES EXIST IN THE GENERAL WORK AREA. CALLING THIS TELEPHONE NUMBER WILL ONLY ASCERTAIN THE EXISTENCE OF UNDERGROUND UTILITIES OWNED BY COMPANIES THAT SUBSCRIBE TO THIS ORGANIZATION. THERE MAY BE OTHER UNDERGROUND UTILITIES IN THE WORK AREA.
3. THE APPROXIMATE LOCATIONS OF THE ACCESS ROAD, CONSTRUCTION CAMPSITE, STOCKPILE, BORROW AND WASTE AREAS ARE SHOWN. THE FINAL LOCATIONS OF THESE AREAS SHALL BE DESIGNATED AT THE TIME OF SHOWING OF THE WORKSITE TO PROSPECTIVE BIDDERS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING ALL BARRICADES, WARNING SIGNS, TRAFFIC CONTROL DEVICES, ETC. NECESSARY TO CONTROL TRAFFIC AND PROVIDE FOR PUBLIC SAFETY AT THE ENTRANCE TO THE SITE (SEE CONSTRUCTION SPECIFICATION 9).
5. SUITABLE MATERIAL FROM EXCAVATIONS SHALL BE PROCESSED AND USED FOR THE EARTHFILL MATERIALS. UNSUITABLE MATERIALS SHALL BE PLACED IN A WASTE AREA OR OTHER AREAS APPROVED BY THE ENGINEER. EARTH MATERIALS NEEDED IN EXCESS OF REQUIRED EXCAVATIONS SHALL BE OBTAINED FROM THE DESIGNATED BORROW AREA(S). (SEE CONSTRUCTION SPECIFICATION 420).
6. A MINIMUM OF 6" OF TOPSOIL SHALL BE PLACED ON ALL EARTHWORK REPAIR AREAS UNLESS OTHERWISE NOTED (SEE CONSTRUCTION SPECIFICATION 26).
7. CONSTRUCTION ACTIVITIES SHALL NOT OCCUR OUTSIDE THE DESIGNATED WORK LIMITS, UNLESS OTHERWISE AUTHORIZED.
8. REMOVAL OR STRIPPING OF SOIL MATERIALS INCLUDING TOPSOIL AND LOW DENSITY OR DISPLACED MATERIALS WILL BE NECESSARY TO PROVIDE A SUITABLE WORKING AREA FOR THE CONSTRUCTION EQUIPMENT. THE APPROXIMATE LIMITS OF THE REMOVAL ARE SHOWN ON THE DRAWINGS. REMOVAL OF ADDITIONAL MATERIALS BEYOND THE LIMITS SHOWN MAY BE REQUIRED TO ENSURE A SUITABLE FOUNDATION EXISTS ON WHICH TO PLACE EARTHFILL AND/OR ROCK. (SEE CONSTRUCTION SPECIFICATION 420.)
9. THE EXISTING NATURAL GROUND SHOWN FOR THE SITE IS BASED ON SURVEYED CONDITIONS AS THEY EXISTED IN FEBRUARY 2016 AND SUPPLEMENTED IN NOVEMBER 2016. CHANGES IN SITE CONDITIONS PRIOR TO CONSTRUCTION MAY NECESSITATE ADJUSTMENTS TO THE GRADES AND ELEVATIONS SHOWN. THE FINAL GRADES AND ELEVATIONS FOR ALL WORKS OF IMPROVEMENTS SHOWN ARE APPROXIMATE AND SHALL BE ADJUSTED IN THE FIELD BY THE ENGINEER TO BEST FIT THE TOPOGRAPHY OF THE SITE, IF NECESSARY.
10. THE CONTROL POINTS SHOWN ARE TO BE USED TO ESTABLISH HORIZONTAL AND VERTICAL CONTROL.

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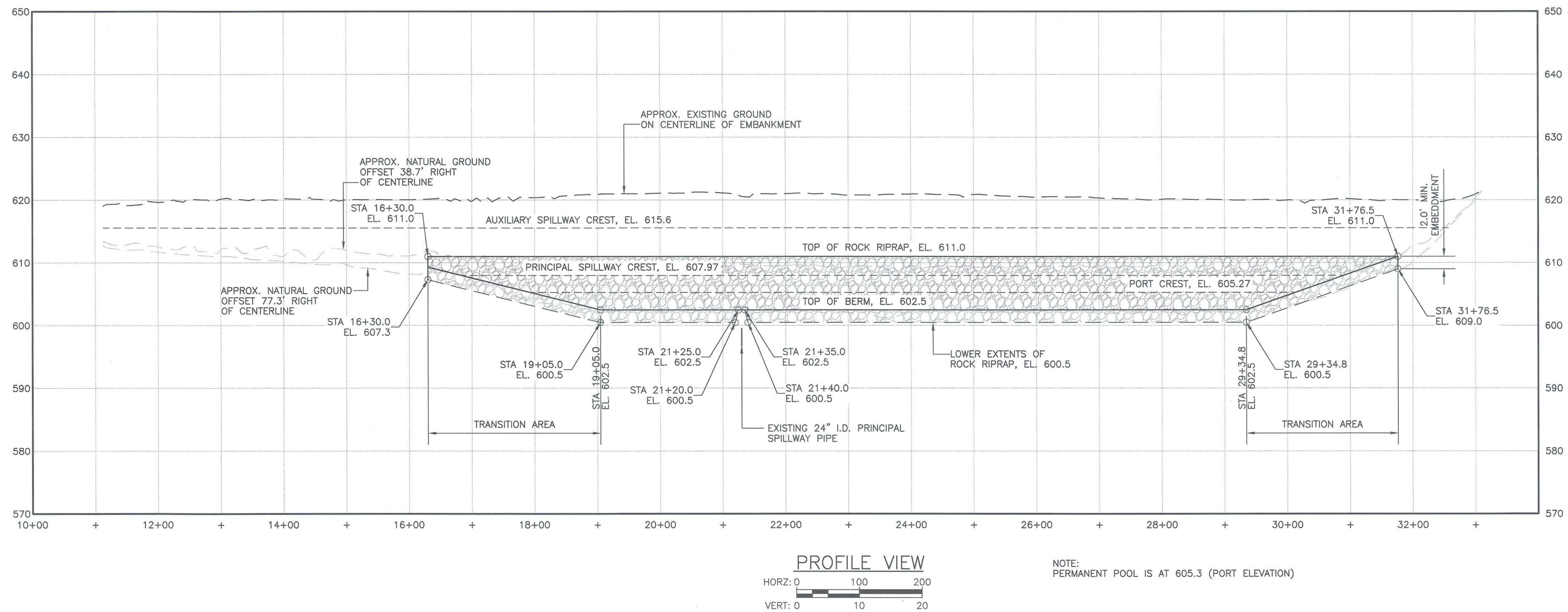
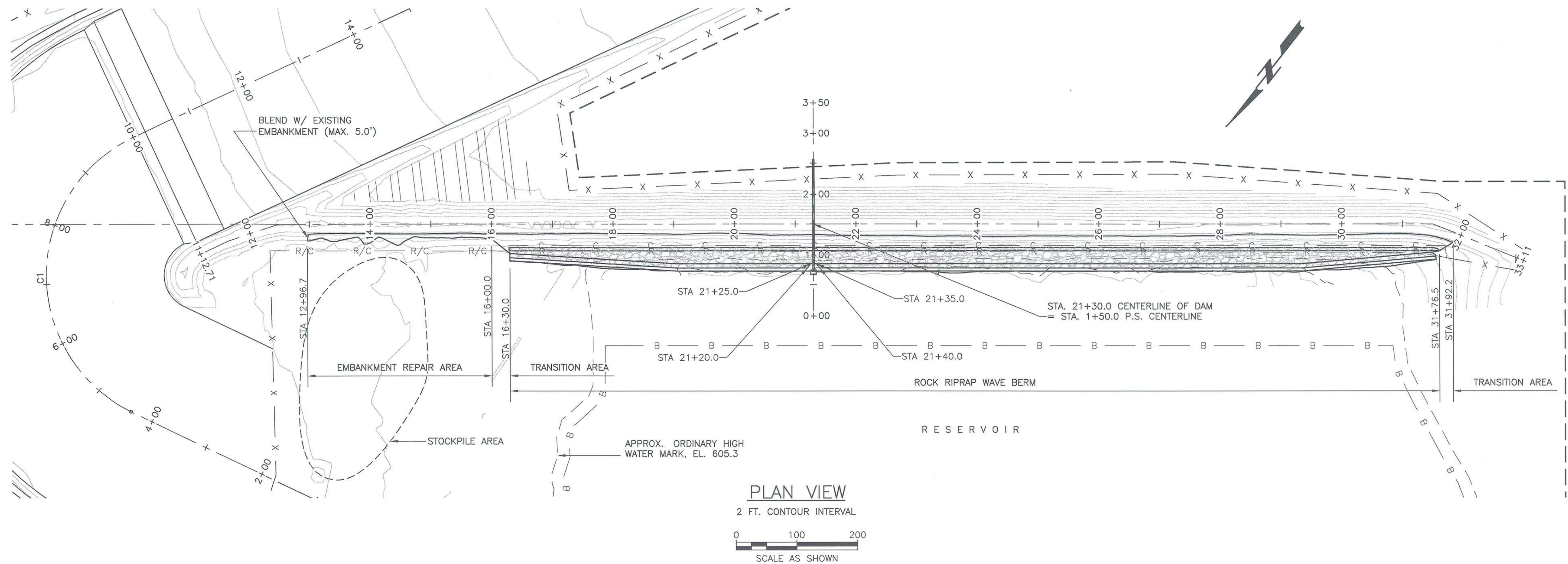
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GENERAL PLAN AND DETAILS
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN
HAYS COUNTY, TEXAS

NRCS
United States Department of Agriculture
Natural Resources Conservation Service

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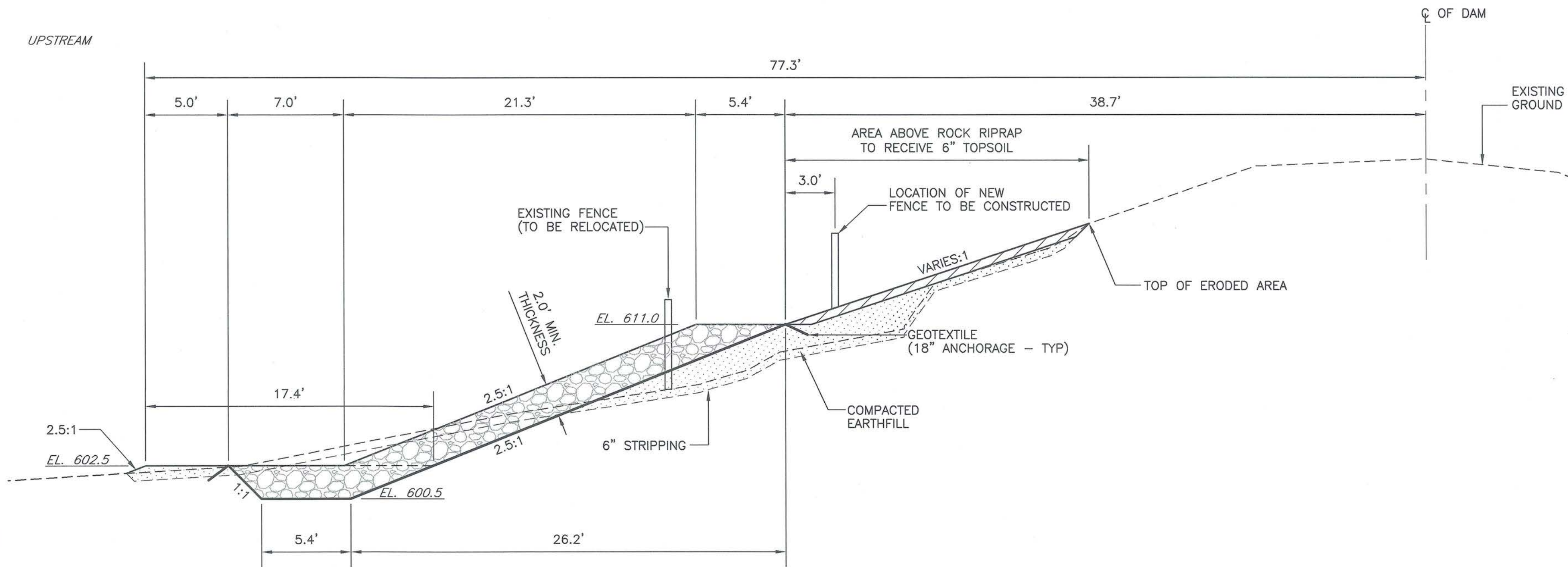
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PLAN AND PROFILE
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
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- WAVE BERM CONSTRUCTION NOTES:
1. CONSTRUCT THE ROCK ARMORED WAVE BERM TO FULL SECTION BETWEEN STA. 19+05 AND APPROXIMATE STA. 29+35.
 2. TRANSITION TO MIN. 2.0' EMBEDMENT DEPTH FROM APPROX. STA. 16+30 TO STA. 19+05 AND FROM STA. 29+35 TO APPROXIMATE STA. 31+77.
 3. THE ROCK RIPRAP THICKNESS IN THE TRANSITION AREAS SHALL REMAIN A MINIMUM 2.0' THICK NORMAL TO THE SLOPE.
 4. PLACE GEOTEXTILE BETWEEN THE ROCK RIPRAP AND THE APPROVED SUBGRADE. GEOTEXTILE SHALL BE NON-WOVEN AND MEET THE REQUIREMENTS OF CONSTRUCTION SPECIFICATION 95 AND MATERIAL SPECIFICATION 592.
 5. ANCHOR THE GEOTEXTILE TO THE TOP AND BOTTOM OF THE SLOPE AS SHOWN.
 6. INCORPORATE 6" OF TOPSOIL IN THE COMPLETED EARTHFILL SURFACE TO PROMOTE VEGETATION.

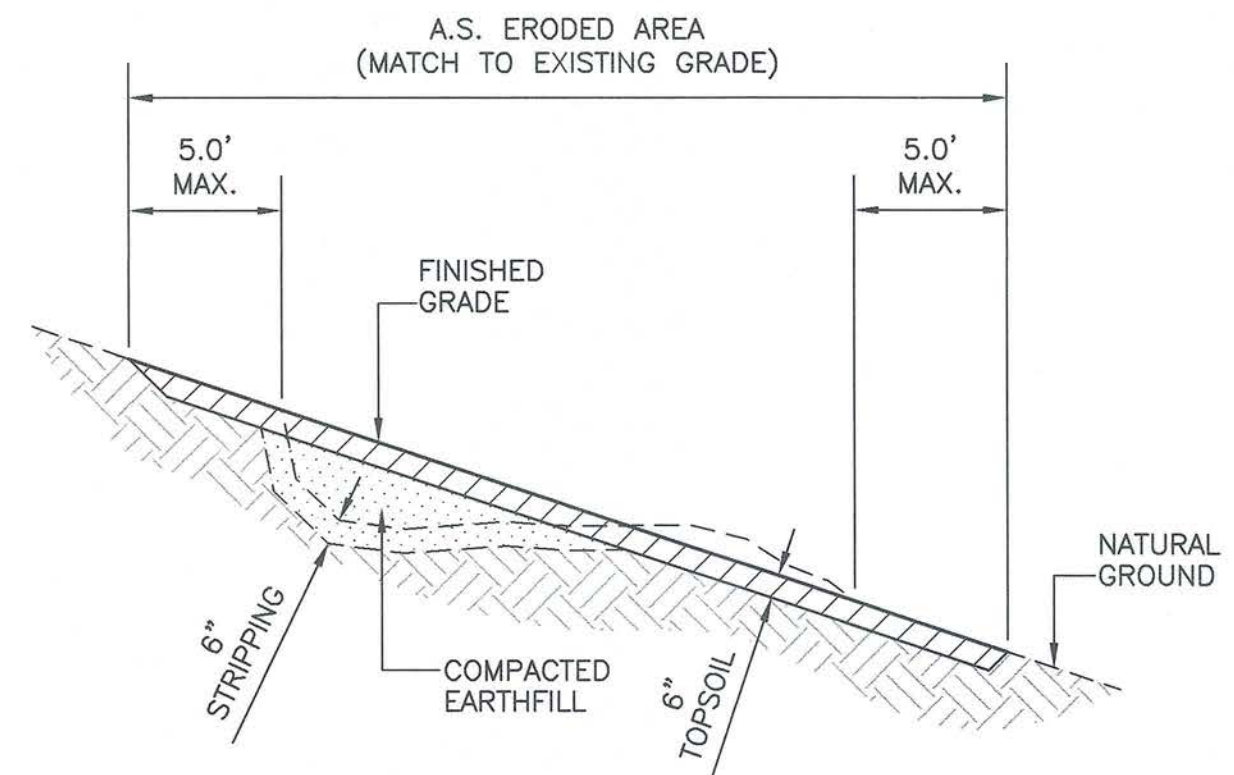
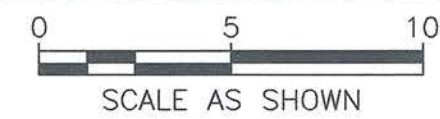
SIZE OF ROCK POUNDS	% SMALLER BY WEIGHT
300	100
150	50-100
60	15-50
25	0-15

REFERENCE A.S.T.M. D 6092 (R-150)

- ROCK RIPRAP NOTES:
1. SPALLS AND ROCK DUST THAT PASS A 3" SIEVE SHALL CONSIST OF LESS THAN 5 PERCENT BY WEIGHT.
 2. ROCK PLACED AGAINST CONCRETE WORKS SHALL BE PLACED CAREFULLY TO AVOID DAMAGE.
 3. ALL ROCK RIPRAP REQUIRED SHALL COMPLY WITH THE GRADATION ABOVE (SEE CONSTRUCTION SPECIFICATION 61, AND MATERIAL SPECIFICATION 523.)
 4. APPROX. 5,557 TONS OF GRADED ROCK RIPRAP IS REQUIRED FOR THE WAVE BERM.

GRADATION OF ROCK RIPRAP

TYPICAL WAVE BERM SECTION

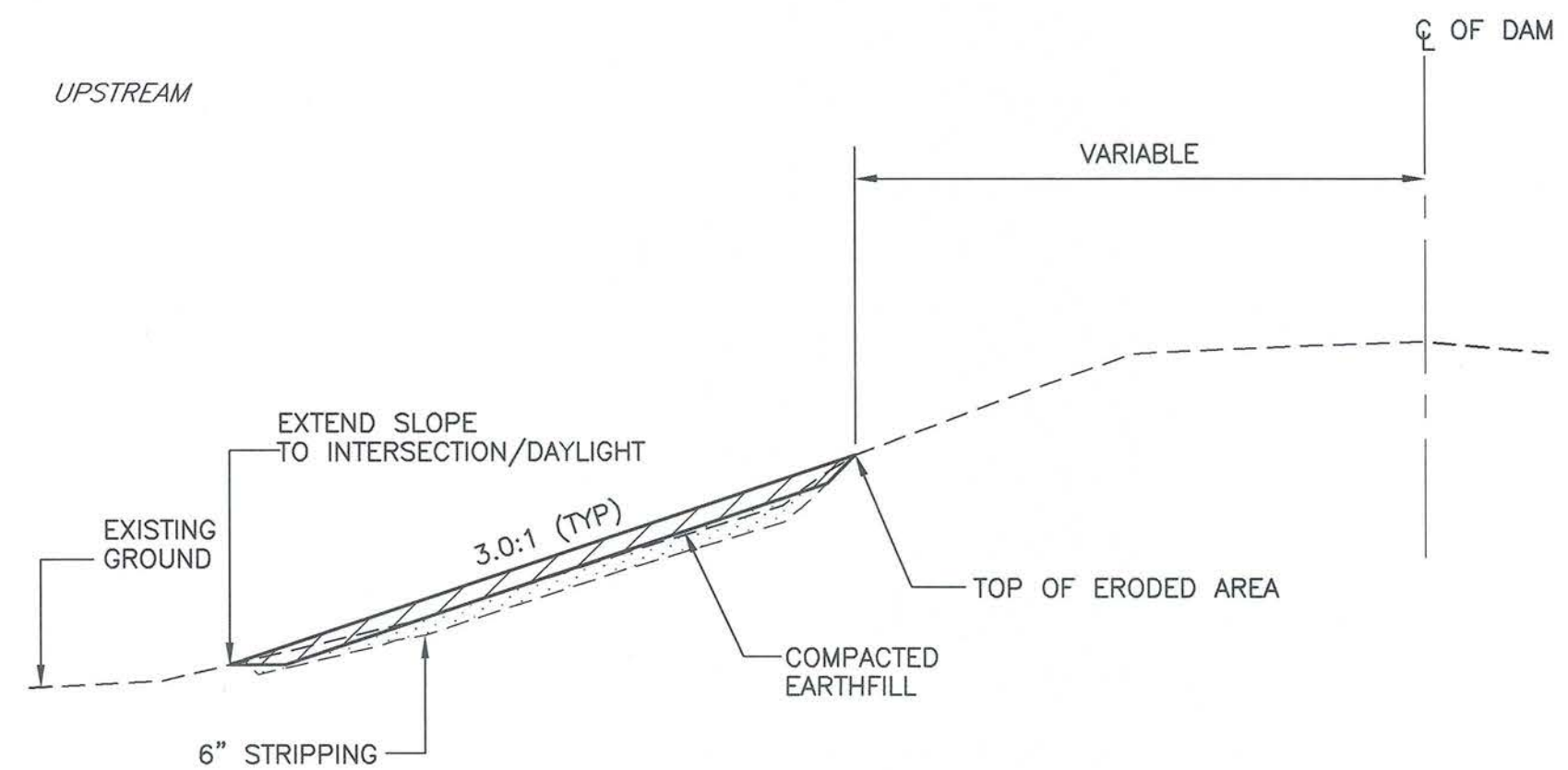


CONSTRUCTION NOTES:

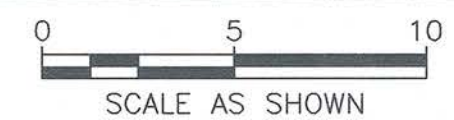
1. THE APPROXIMATE LOCATIONS AND EXTENTS OF THE AUXILIARY SPILLWAY (A.S.) ERODED AREAS TO BE REPAIRED ARE SHOWN IN THE DRAWINGS. THE FINAL EXTENTS SHALL BE STAKED BY THE ENGINEER.
2. CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED TO MINIMIZE IMPACTS TO THE SURROUNDING VEGETATION. CARE SHALL BE TAKEN TO ENSURE THAT THE MINIMUM CONSTRUCTION FOOTPRINT REQUIRED TO ACCOMPLISH THE JOB IS USED AND DAMAGE TO THE SURROUNDING VEGETATION IS KEPT TO A MINIMUM.
3. THE A.S. ERODED AREAS SHALL BE REPAIRED IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION 420, BRINGING THE FINISHED SURFACE UP TO MATCH THE EXISTING GRADE AS SHOWN.

A.S. ERODED AREAS - DETAIL

NOT TO SCALE



TYPICAL EMBANKMENT REPAIR SECTION



EMBANKMENT REPAIR CONSTRUCTION NOTES:

1. REPAIR THE EMBANKMENT BETWEEN APPROX. STA. 12+97 AND STA. 16+00 TO THE LINES AND GRADES SHOWN, AND IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION 420.
2. MAINTAIN THE 3.0:1 EMBANKMENT SLOPE BETWEEN STA. 12+97 AND STA. 16+00.
3. TRANSITION THE EMBANKMENT SLOPE TO BEST FIT THE ROCK RIPRAP ARMORING BETWEEN STA. 16+00 AND STA. 16+30.
4. TRANSITION FROM THE ROCK RIPRAP ARMORING TO MATCH THE EXISTING EMBANKMENT BETWEEN APPROX. STA. 31+77 AND STA. 31+92.
5. BLEND THE COMPLETED EARTHFILL TO THE EXISTING EMBANKMENT A MAXIMUM DISTANCE OF 5.0' FROM STA. 12+97 AND STA. 31+92.
6. INCORPORATE 6" OF TOPSOIL INTO THE FINISHED GRADE OF THE COMPLETED EARTHFILL TO PROMOTE VEGETATION.



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TYPICAL SECTIONS AND DETAILS
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN
HAYS COUNTY, TEXAS

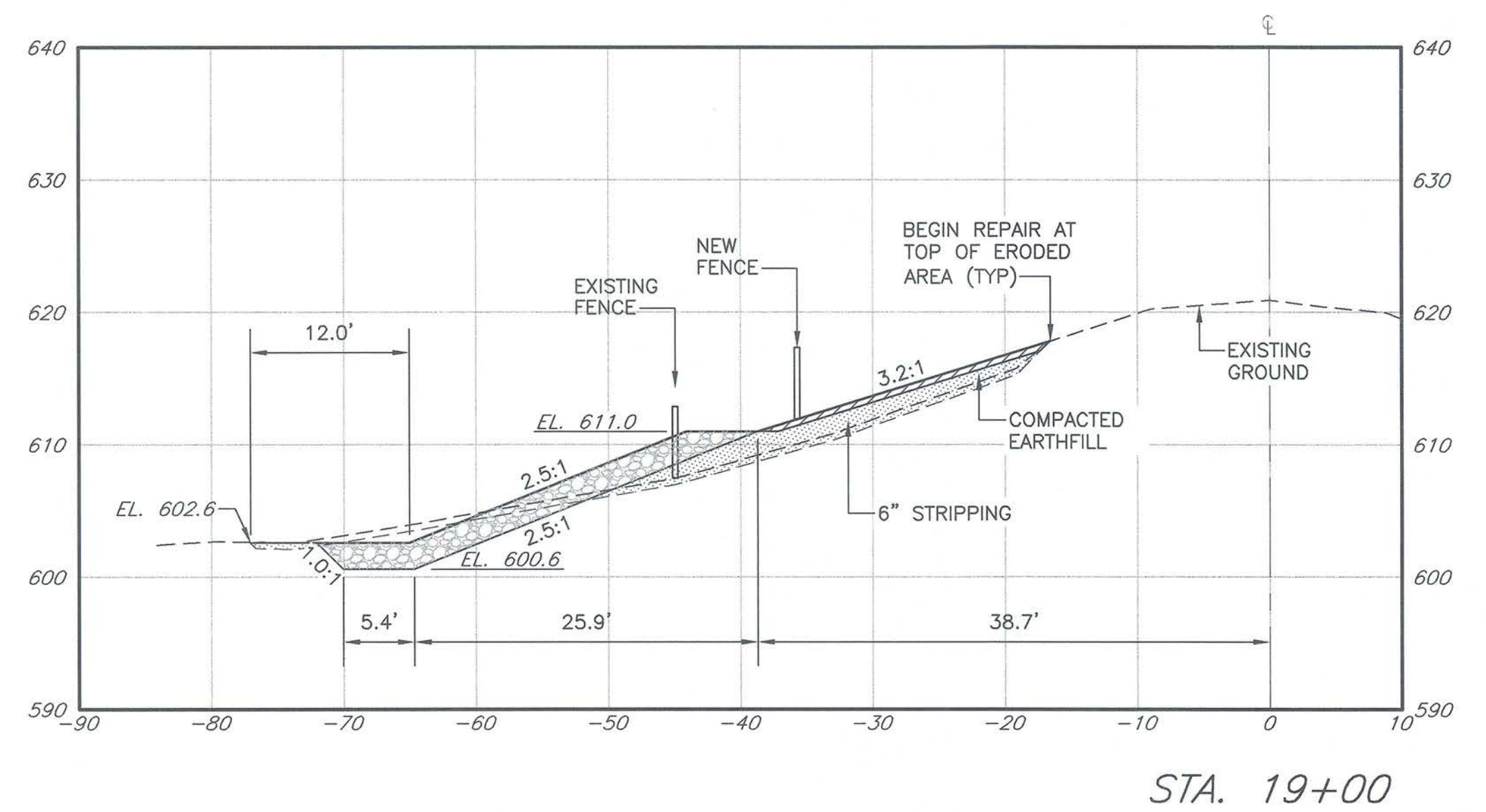
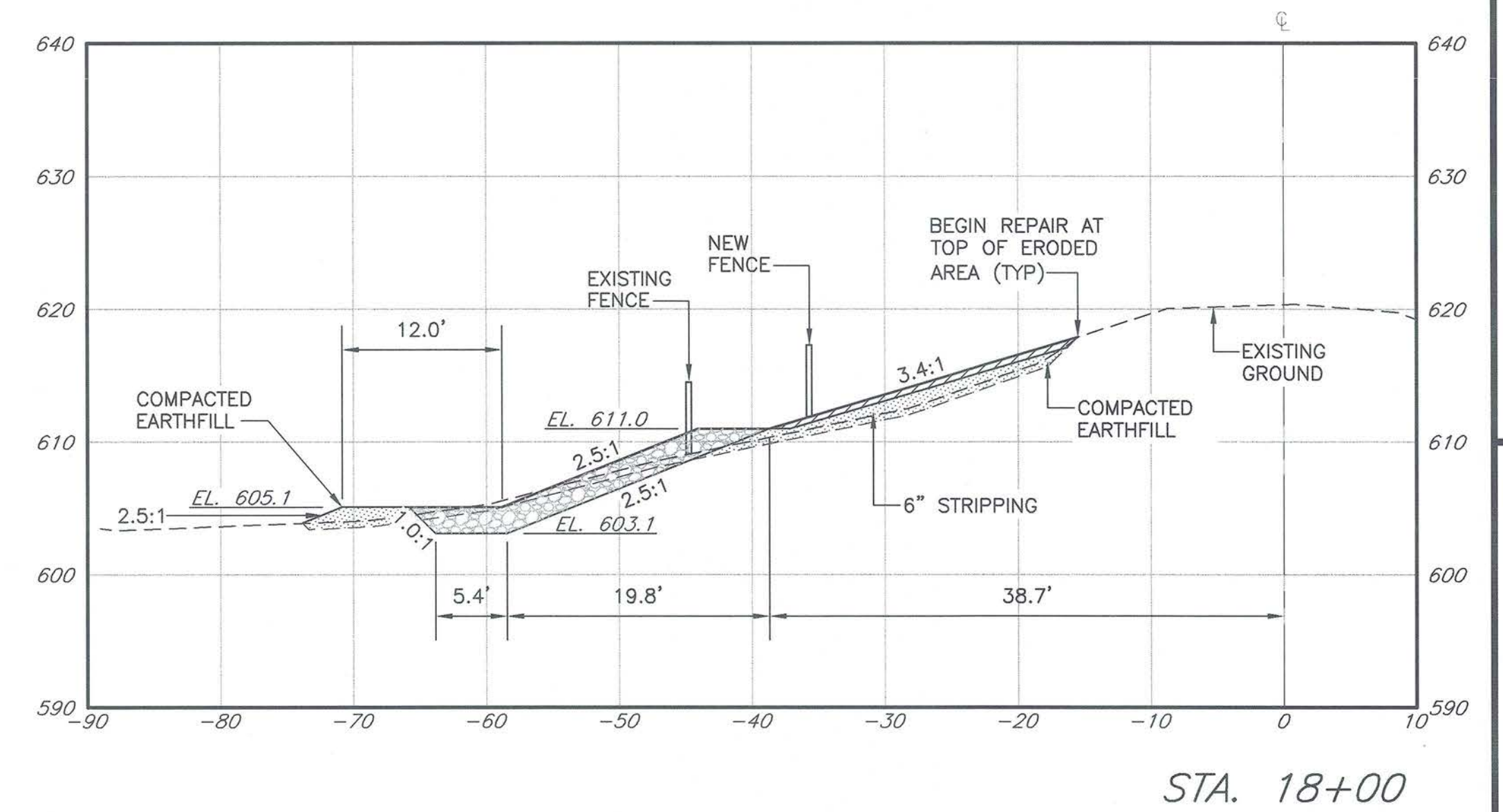
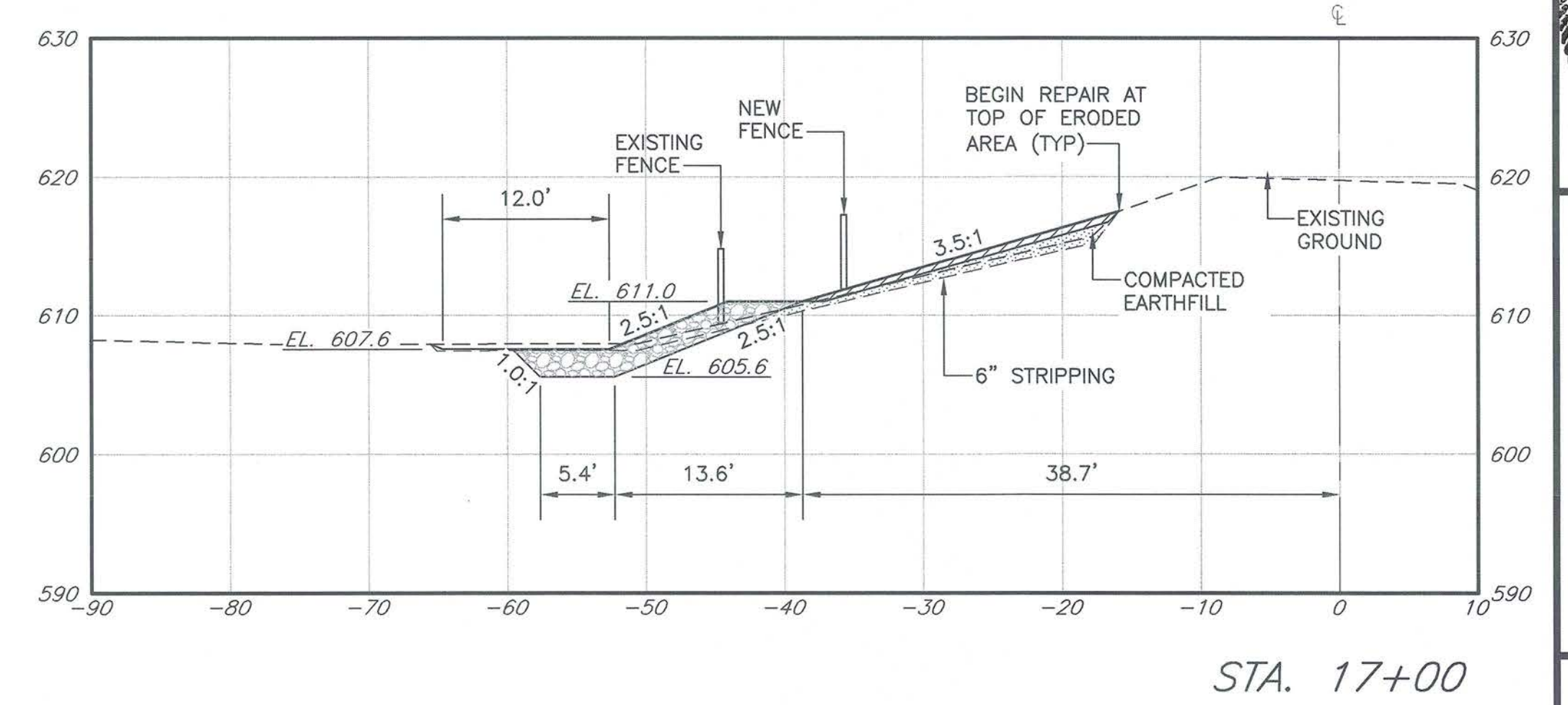
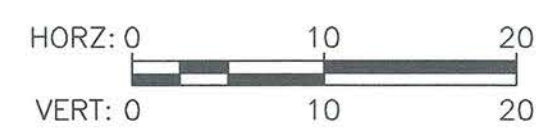
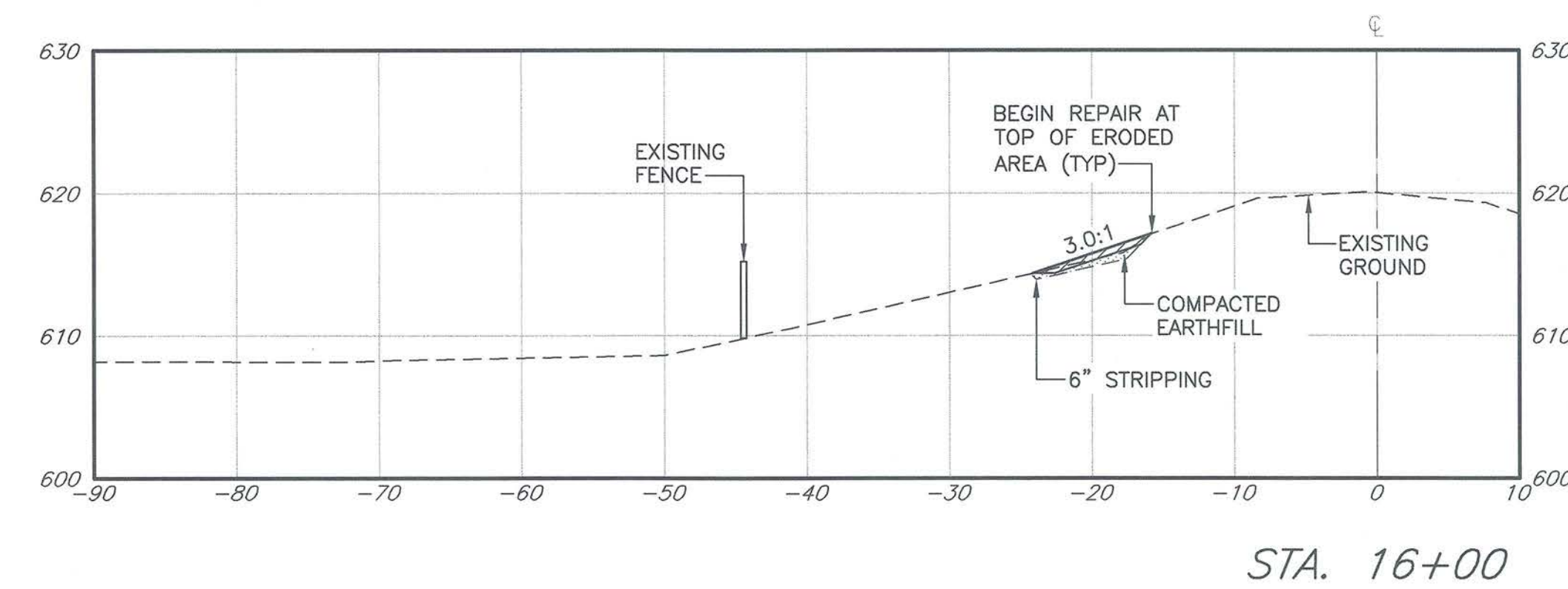
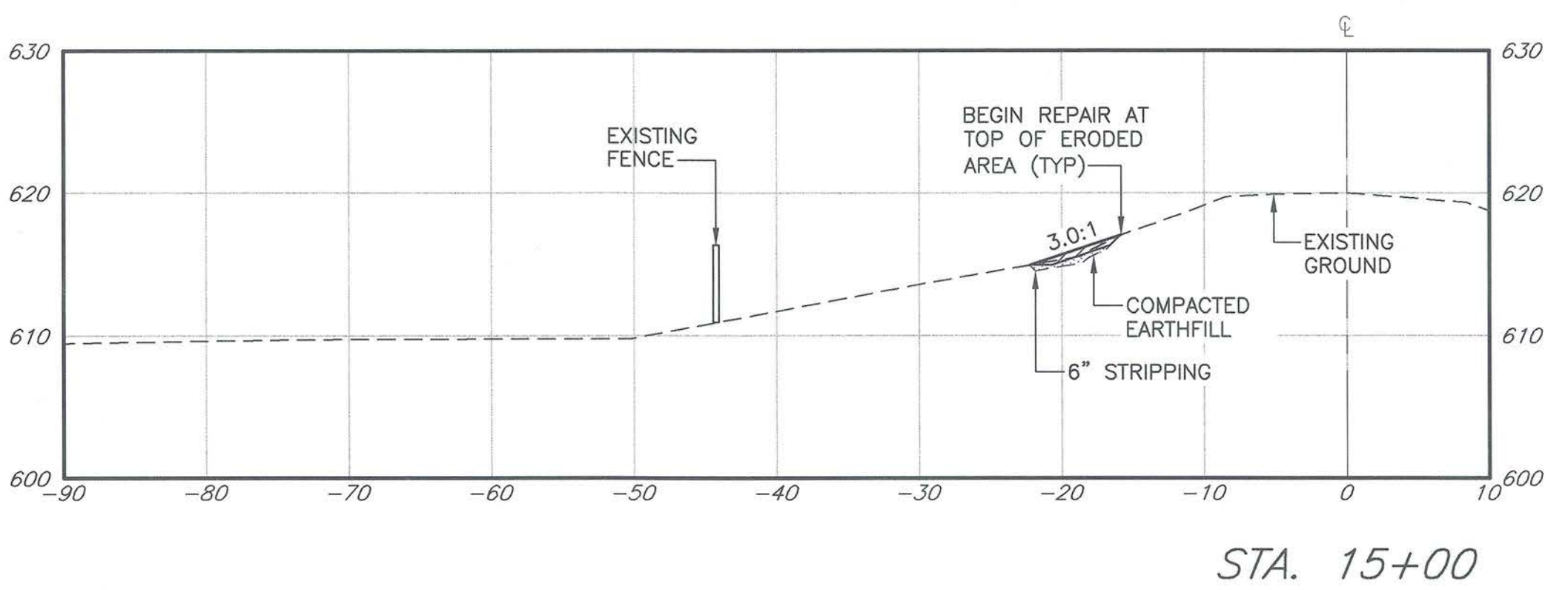
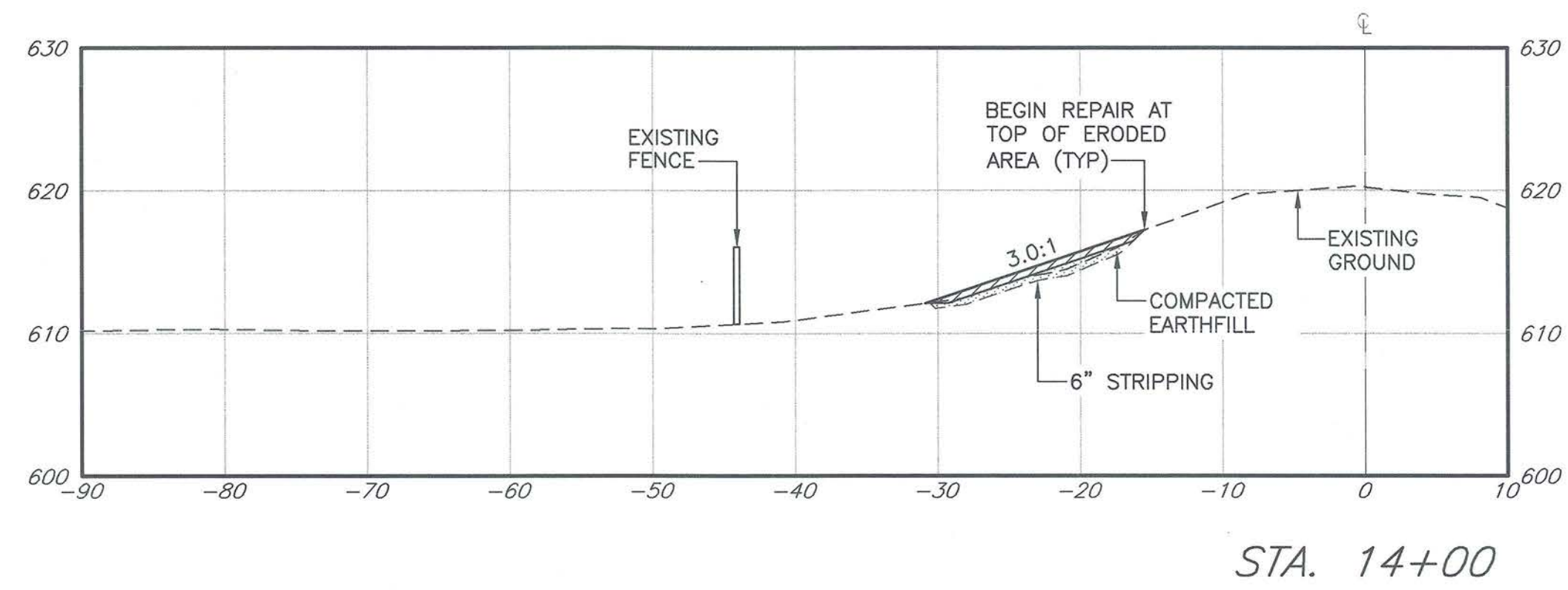
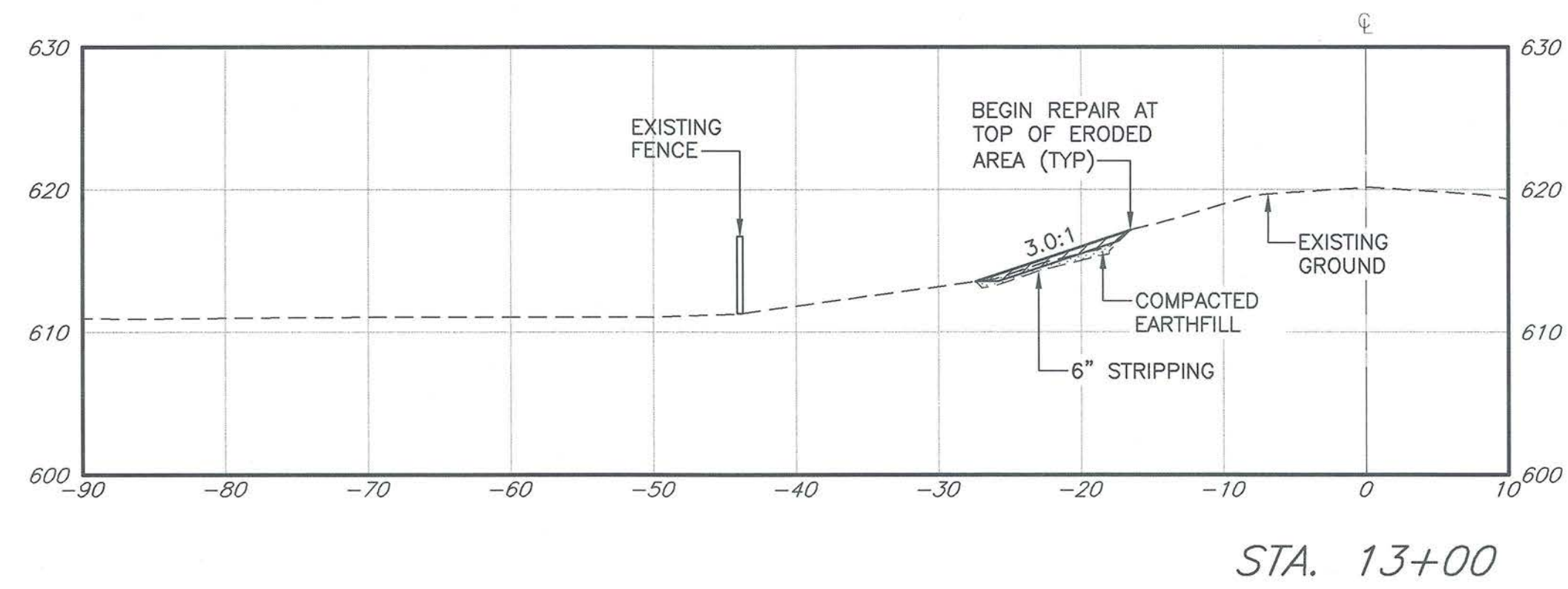


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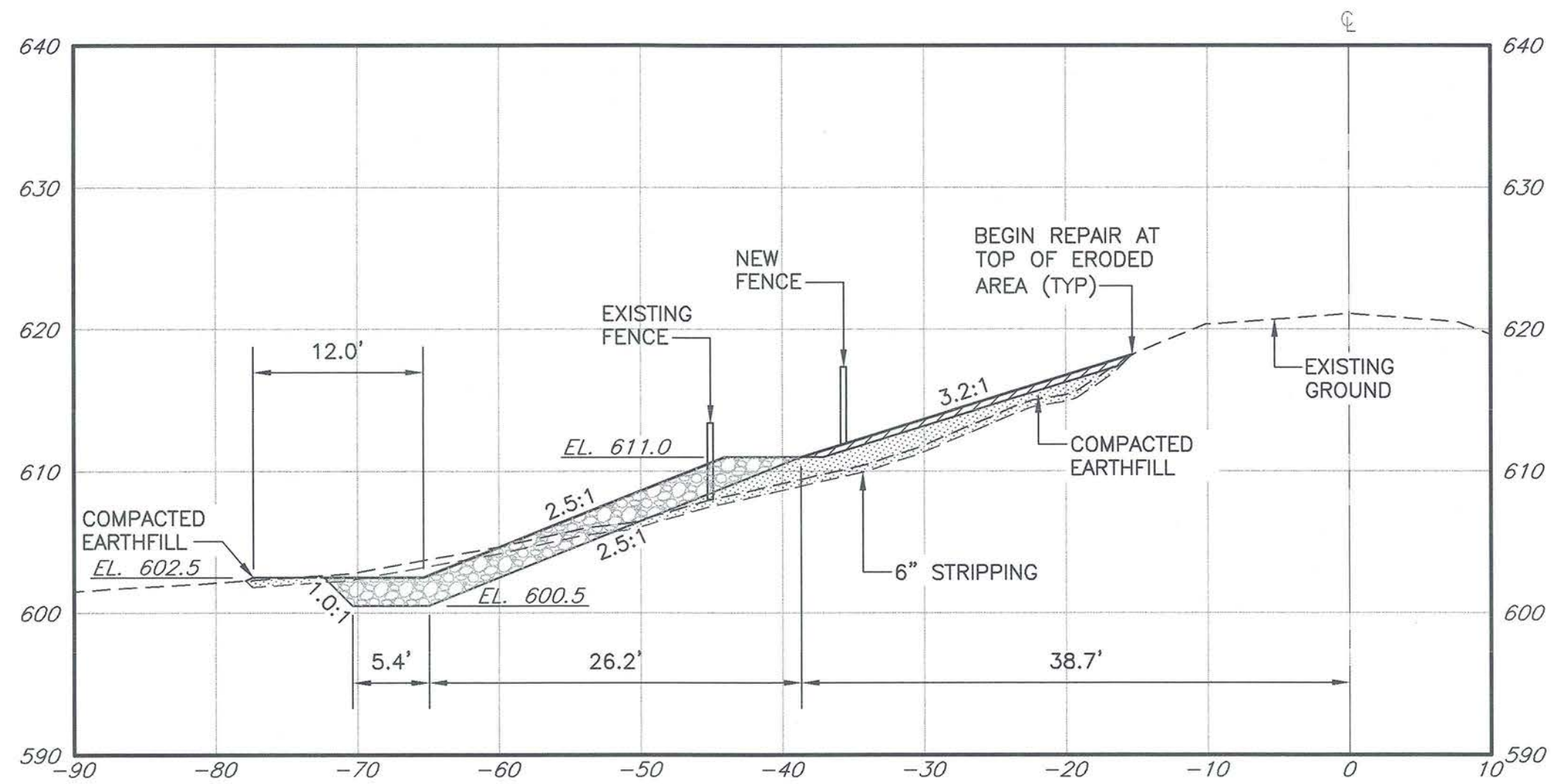
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FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN
HAYS COUNTY, TEXAS



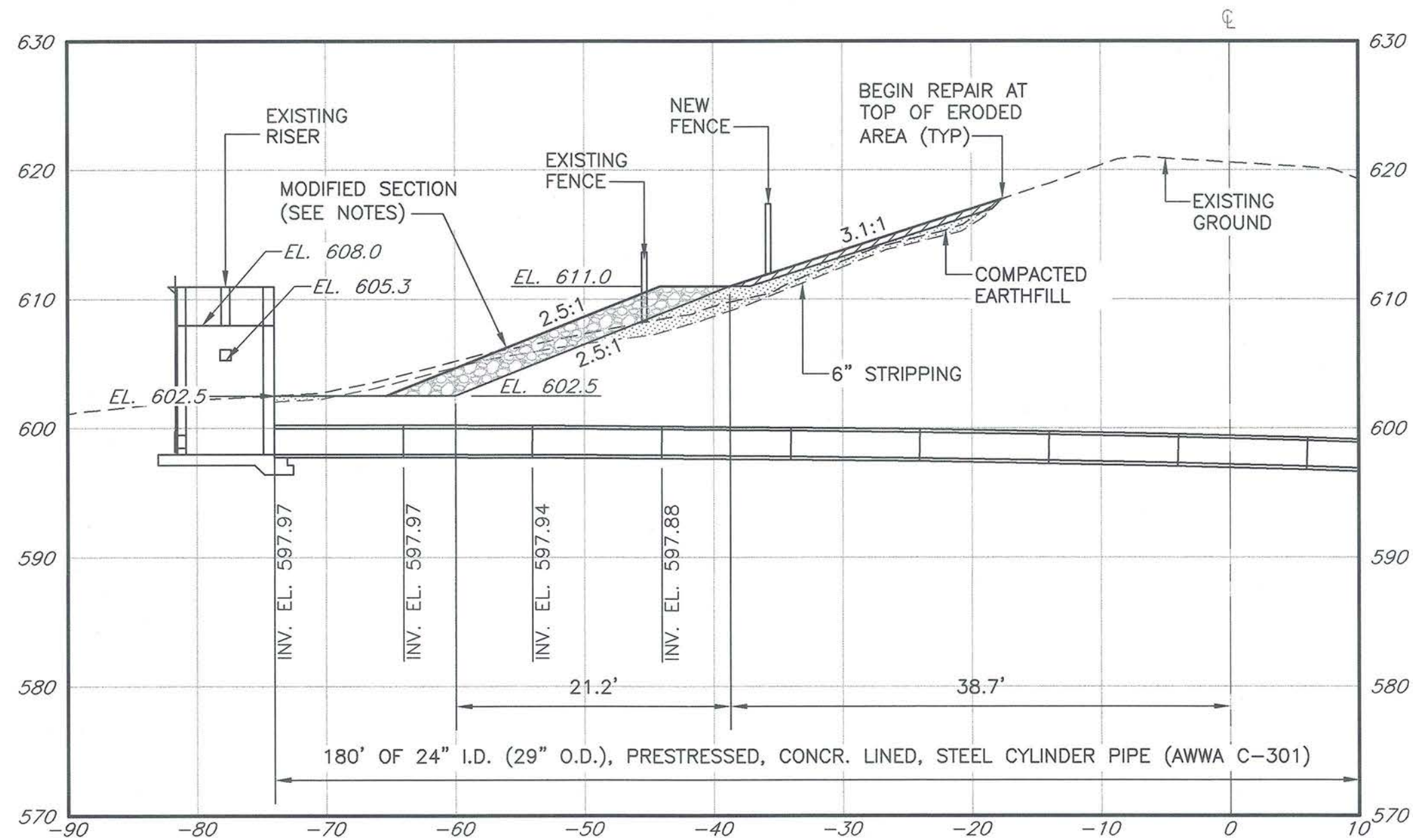
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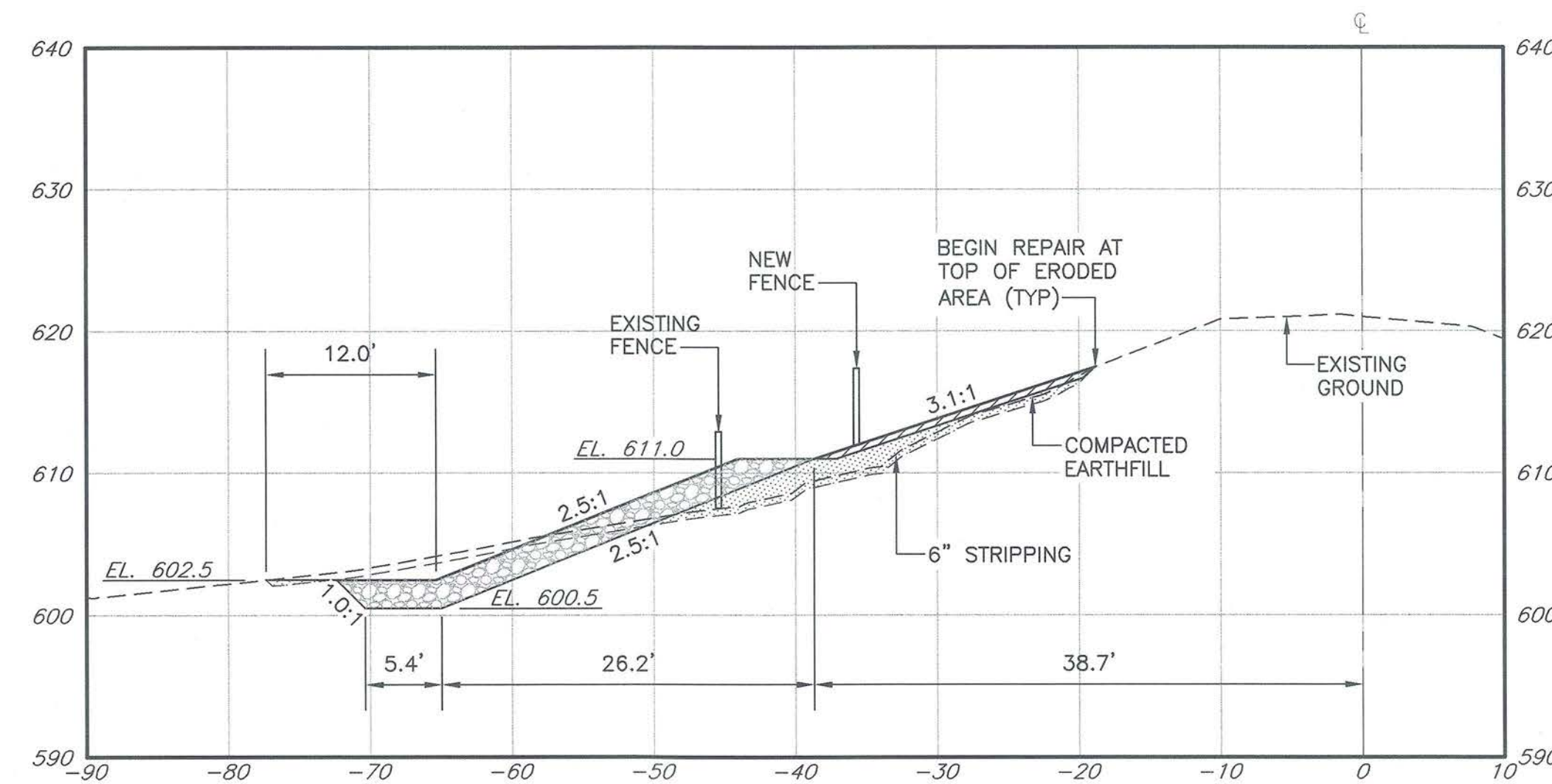
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STA. 20+00

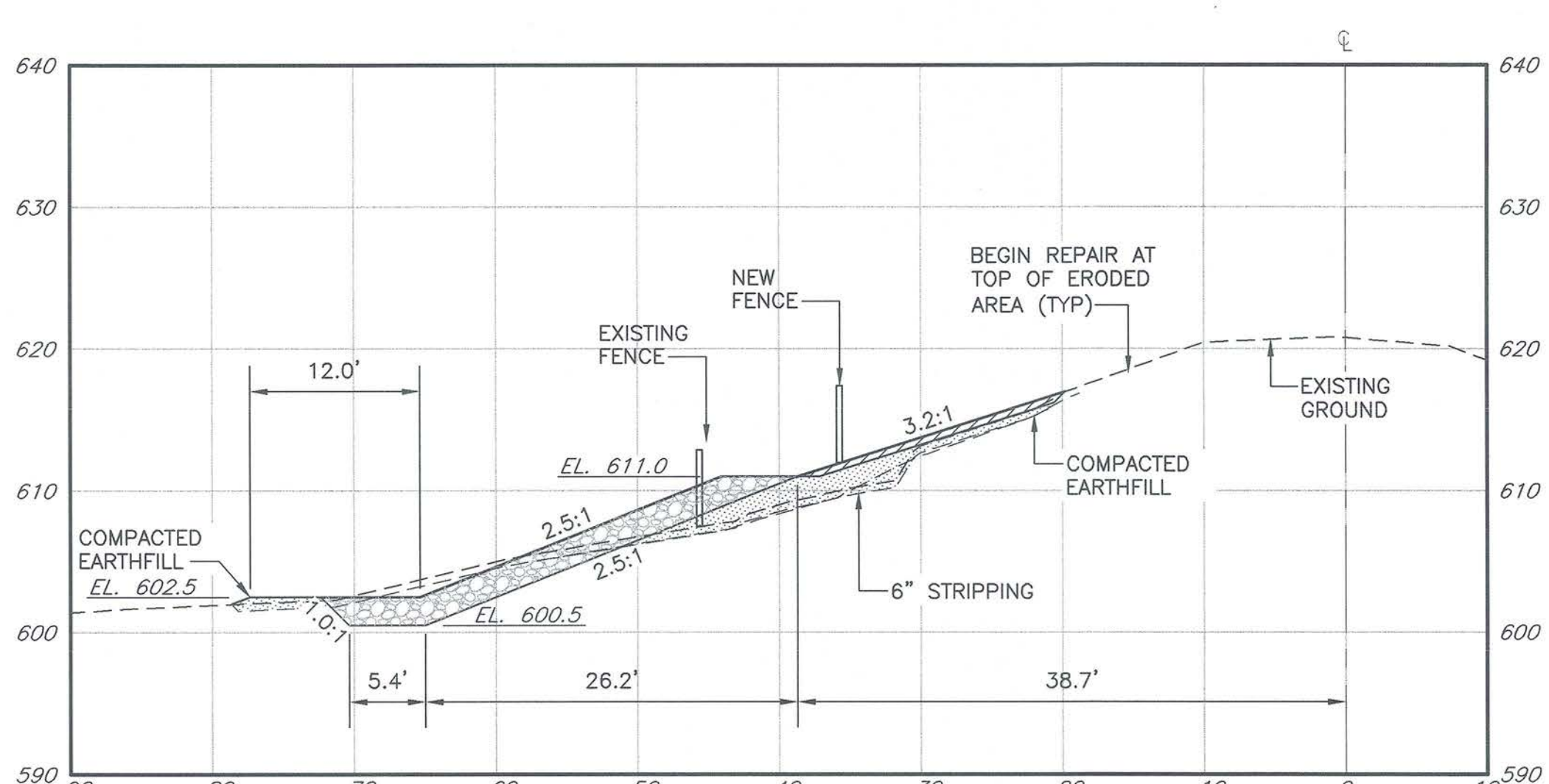
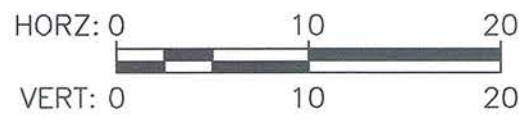


STA. 21+30

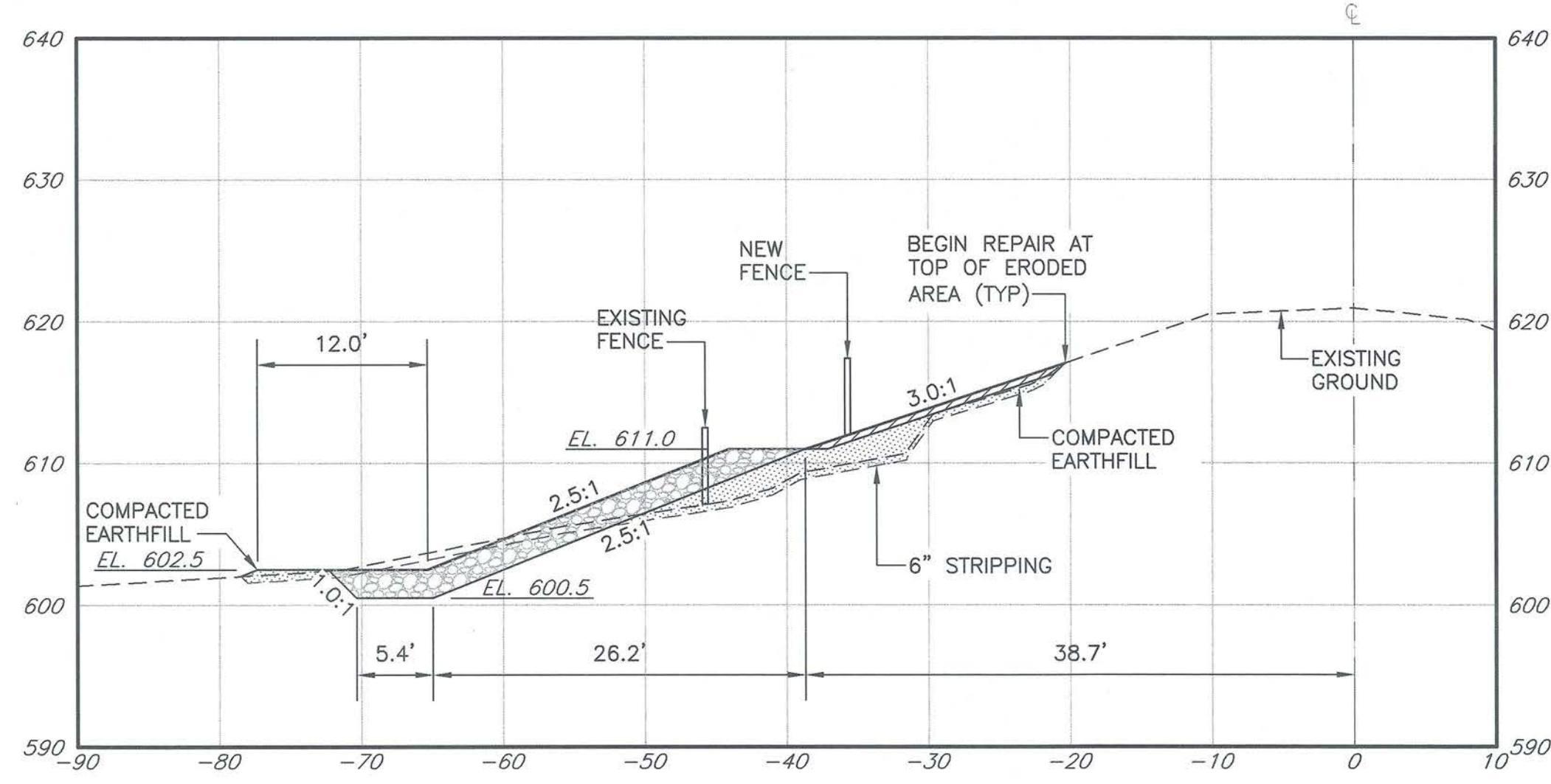


STA. 22+00

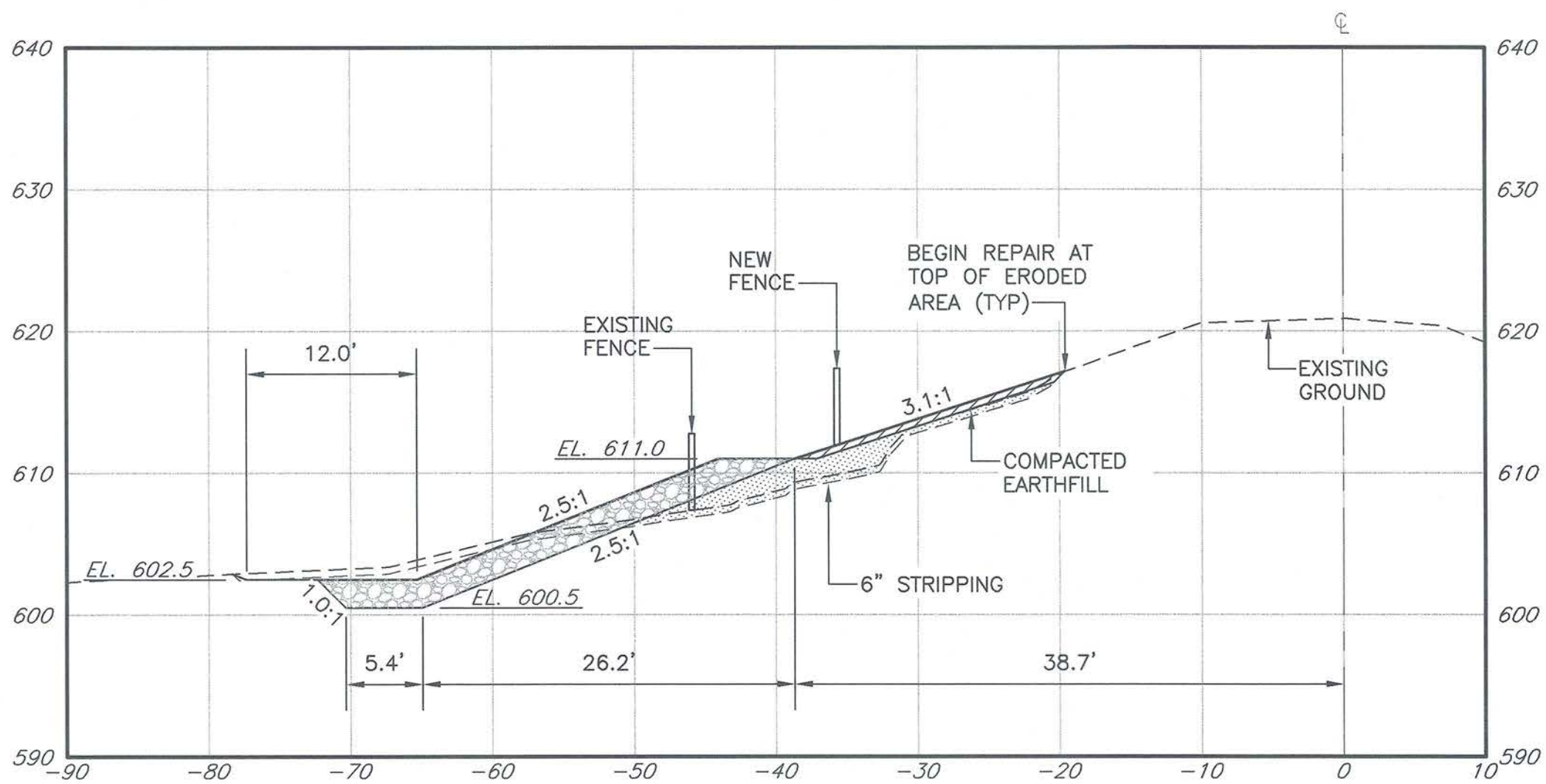
- MODIFIED SECTION CONSTRUCTION NOTES:
1. THE SECTION SHOWN FOR STA. 21+30 IS THE MODIFIED SECTION THAT SHALL EXTEND FROM STA. 21+25 TO STA. 21+35.
 2. THE LOWER LIMITS OF ROCK RIPRAP FOR THE MODIFIED SECTION SHALL EXTEND NO LOWER THAN ELEVATION 602.5 TO ENSURE THAT THE PRINCIPAL SPILLWAY PIPE IS NOT IMPACTED DURING CONSTRUCTION.
 3. TRANSITION FROM THE FULL ROCK RIPRAP SECTION AT STA. 21+20 TO THE MODIFIED SECTION SHOWN FOR STA. 21+25, AND THEN TRANSITION FROM THE MODIFIED SECTION AT STA. 21+35 TO THE FULL SECTION AT STA. 21+40.
 4. ANY DAMAGES DURING CONSTRUCTION TO THE EXISTING RISER AND PRINCIPAL SPILLWAY PIPE SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 5. THE INVERT ELEVATIONS SHOWN FOR THE PRINCIPAL SPILLWAY PIPE ARE BASED ON THE 1963 AS-BUILT ELEVATIONS ADJUSTED TO THE 2016 NRCS DESIGN SURVEY.



STA. 23+00



STA. 24+00

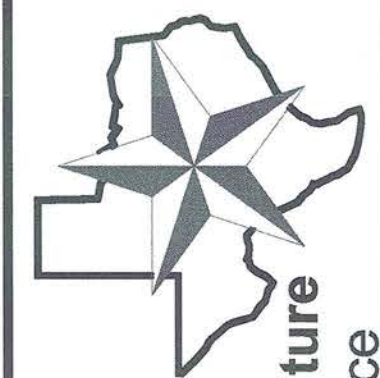


STA. 25+00



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SECTIONS (2 OF 3)
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN
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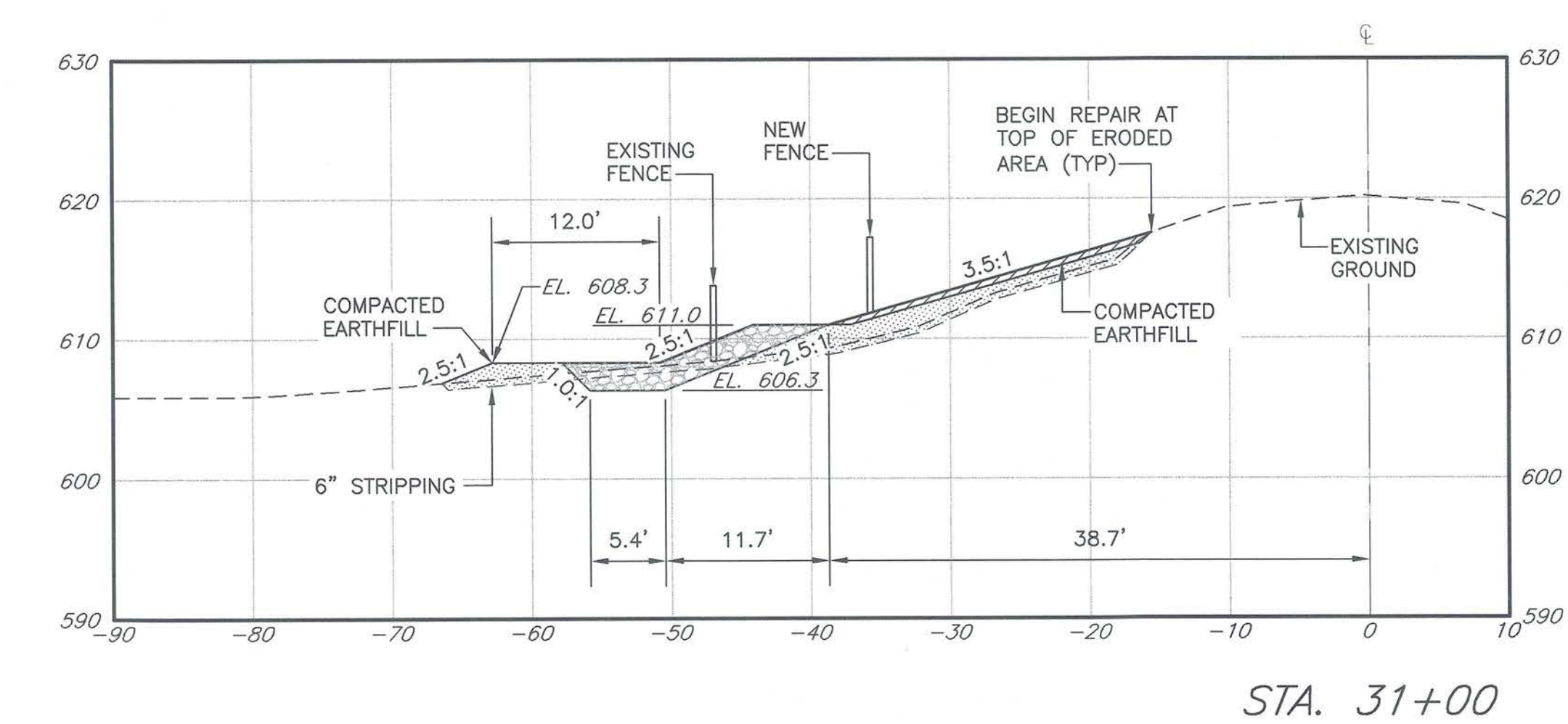
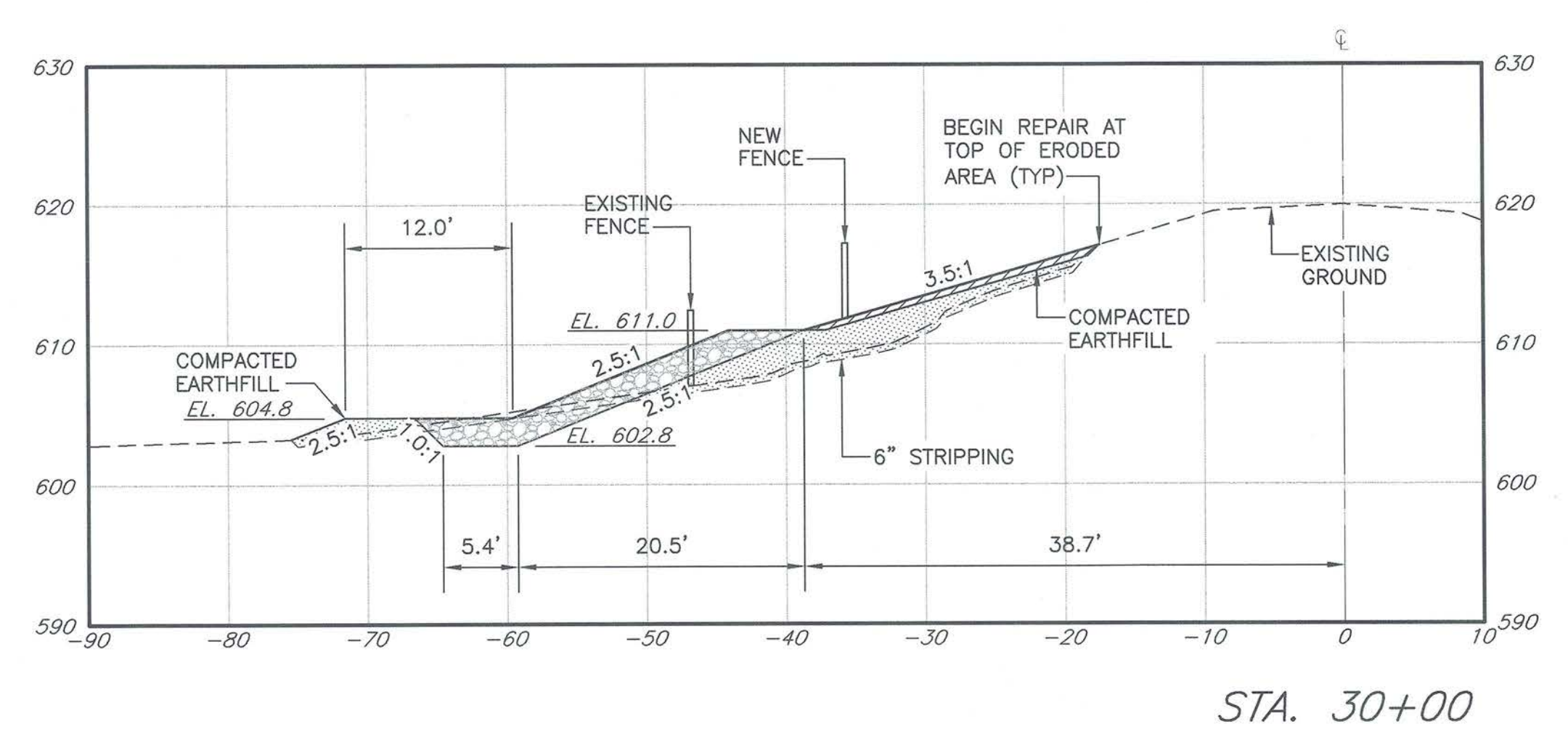
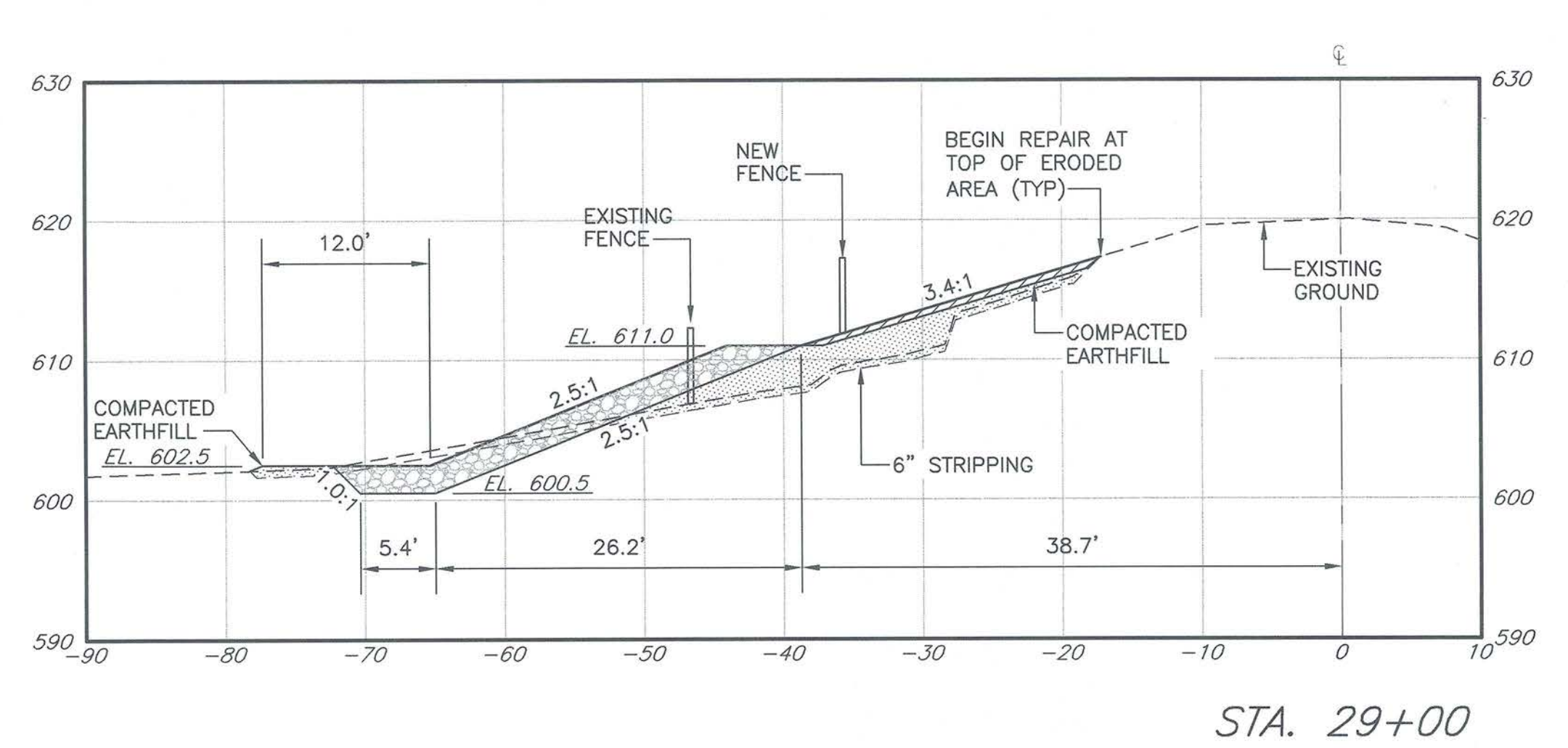
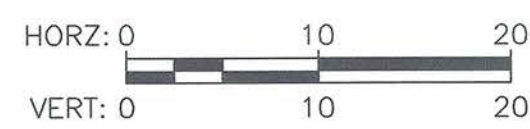
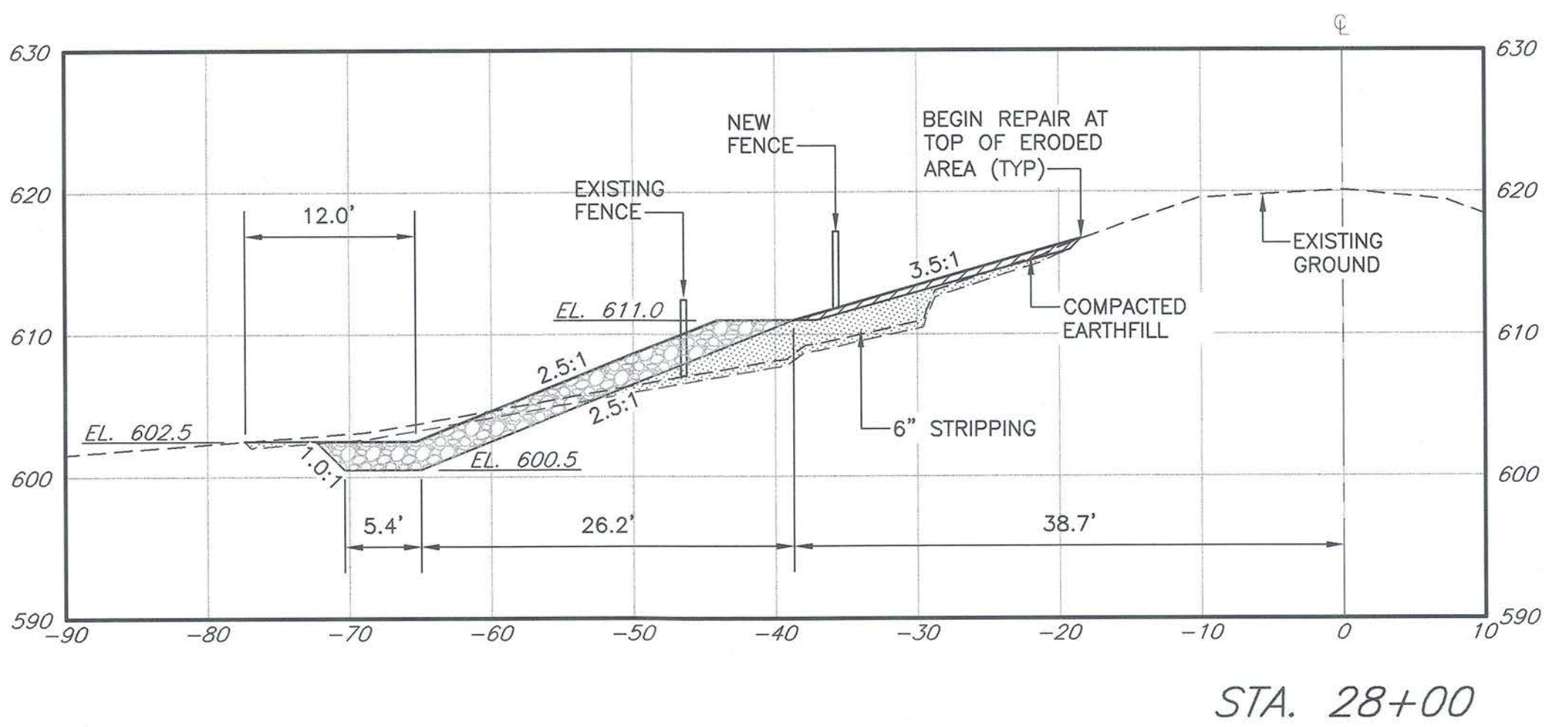
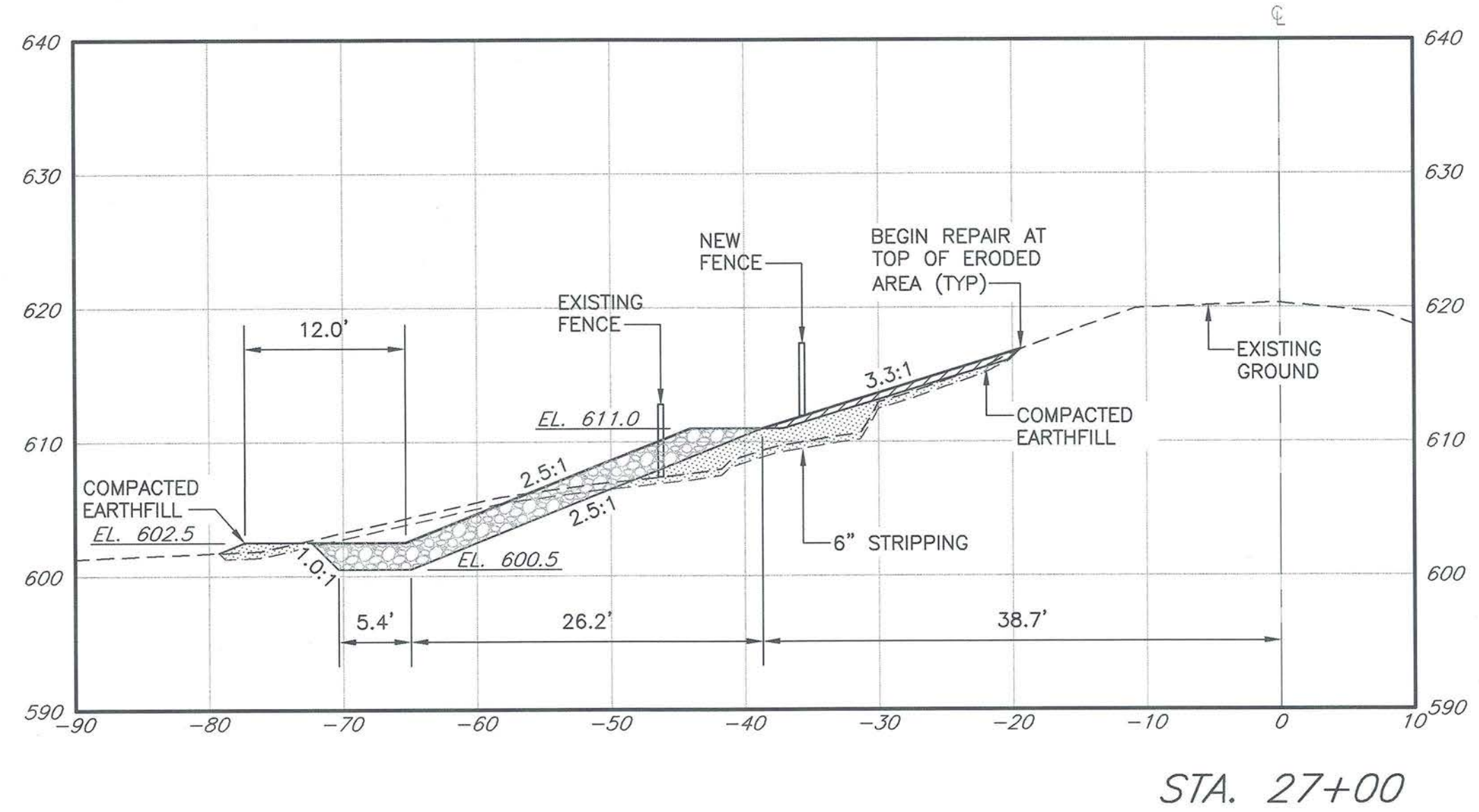
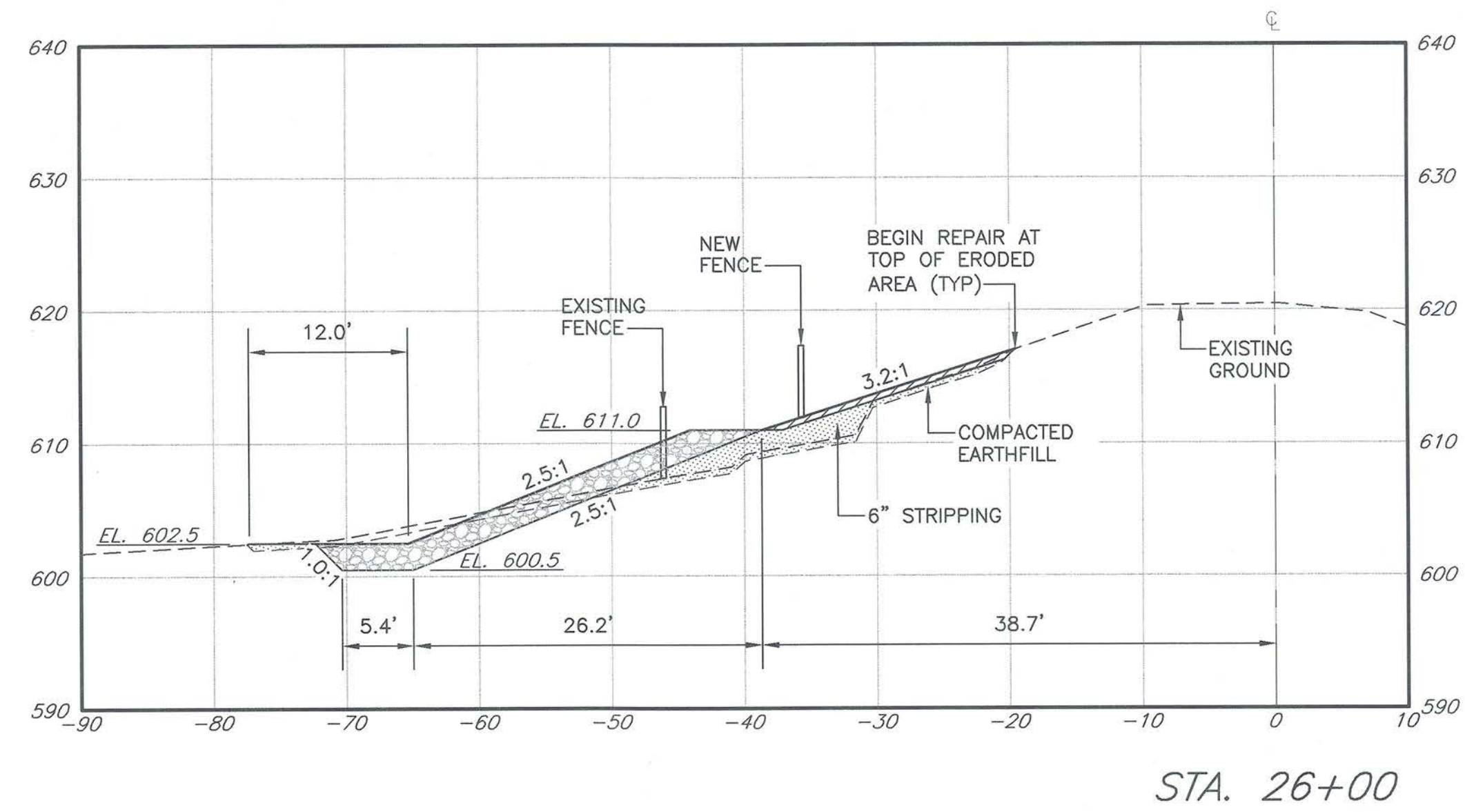
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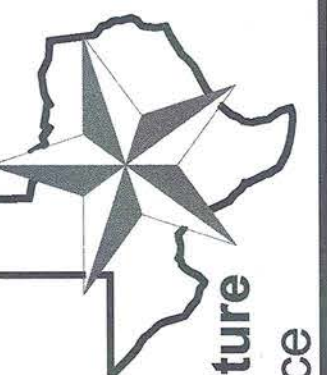
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SECTIONS (3 OF 3)
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN HAYS COUNTY, TEXAS



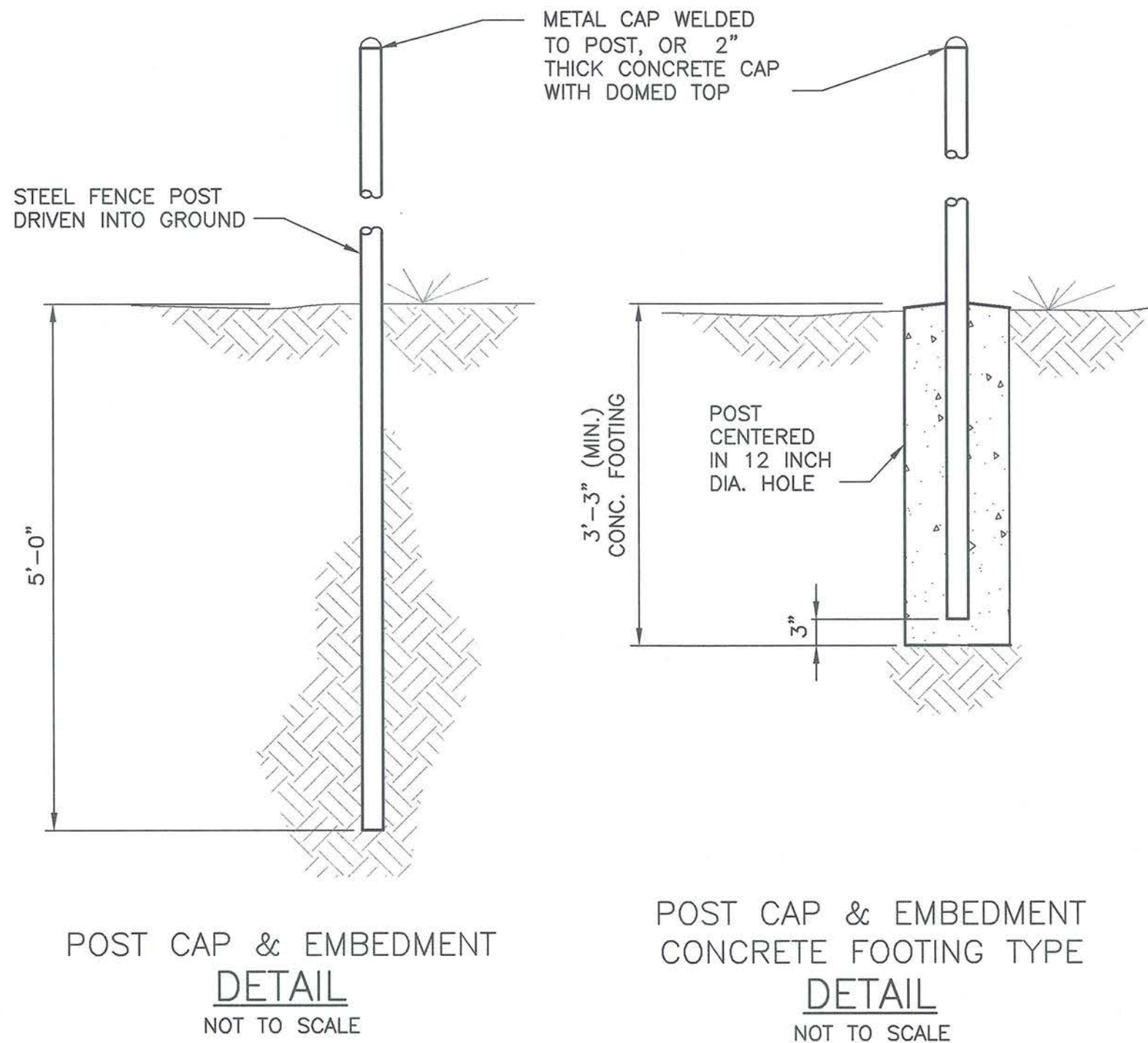
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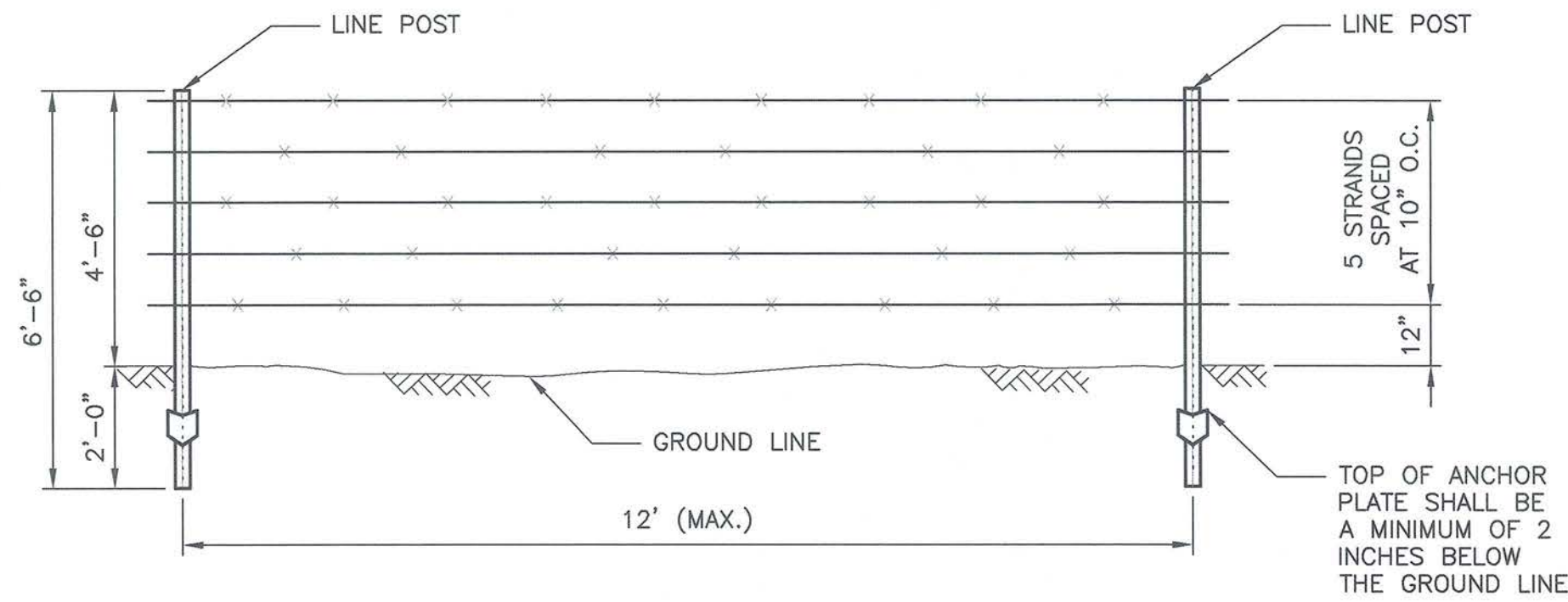
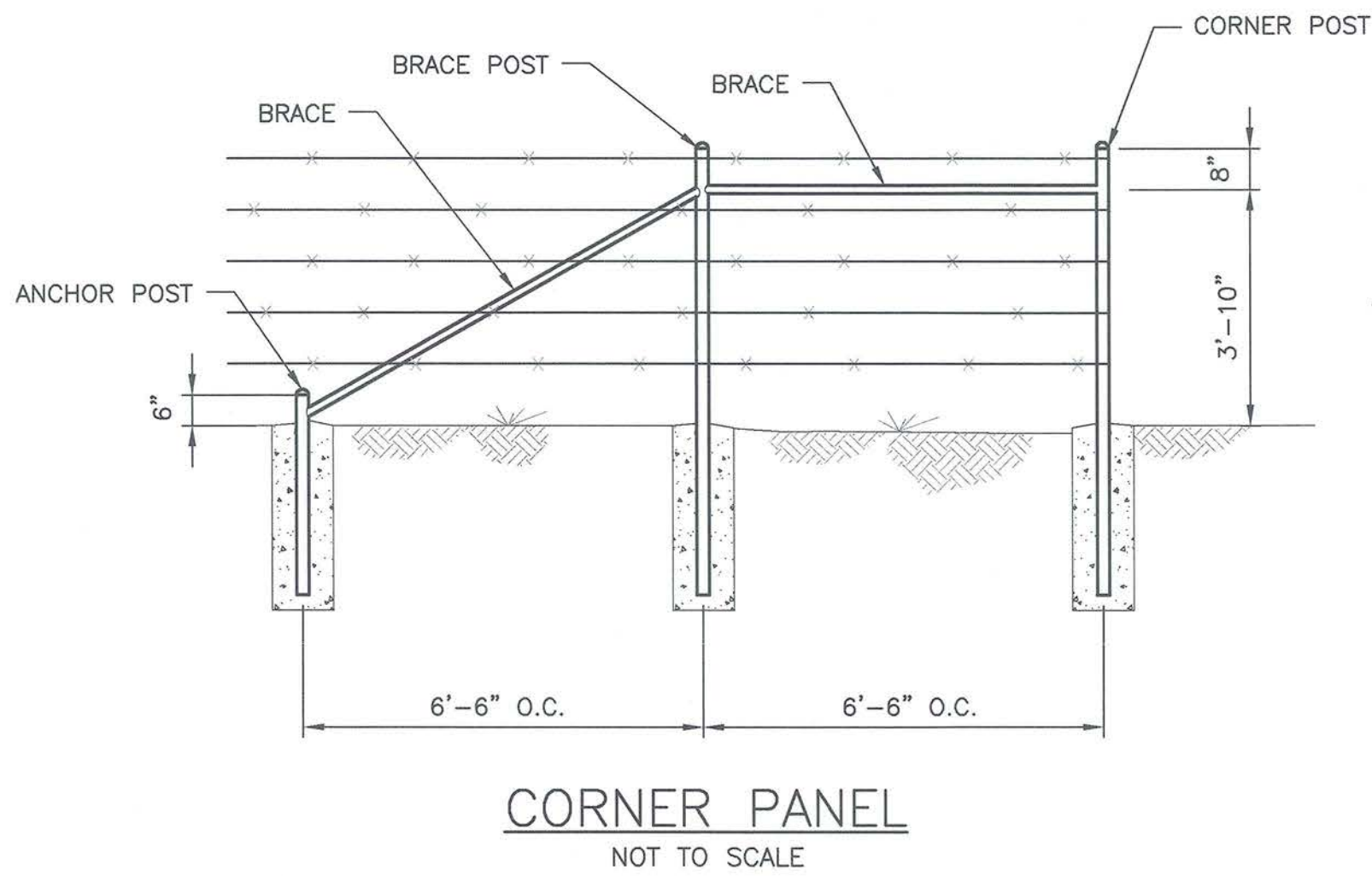
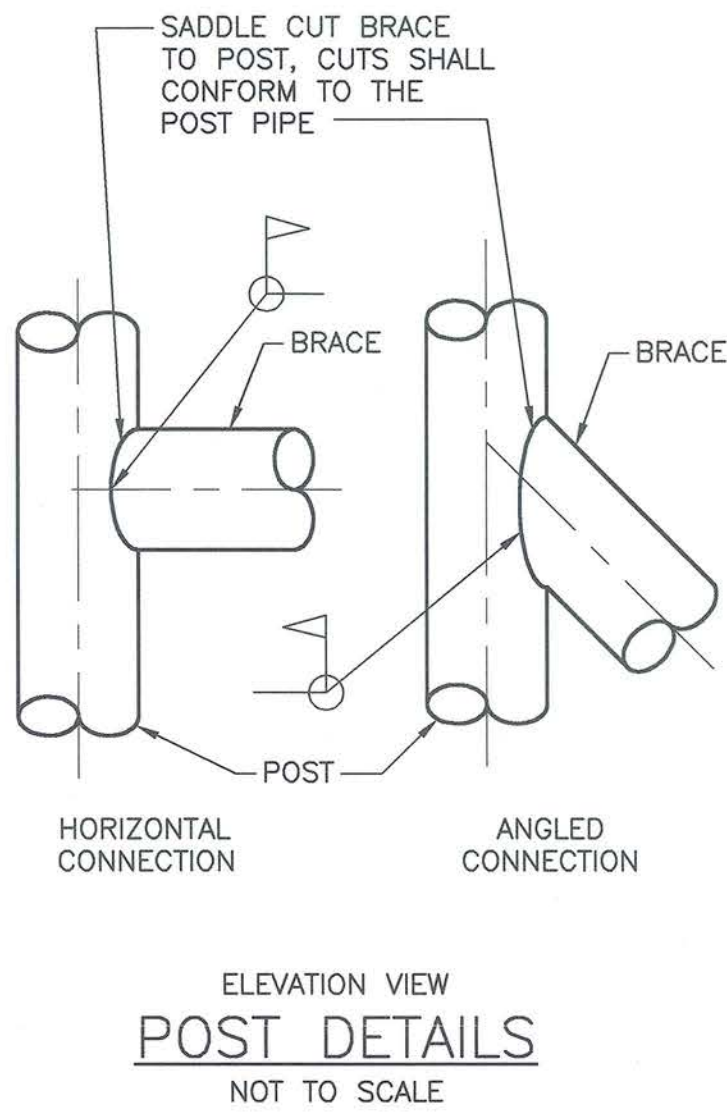
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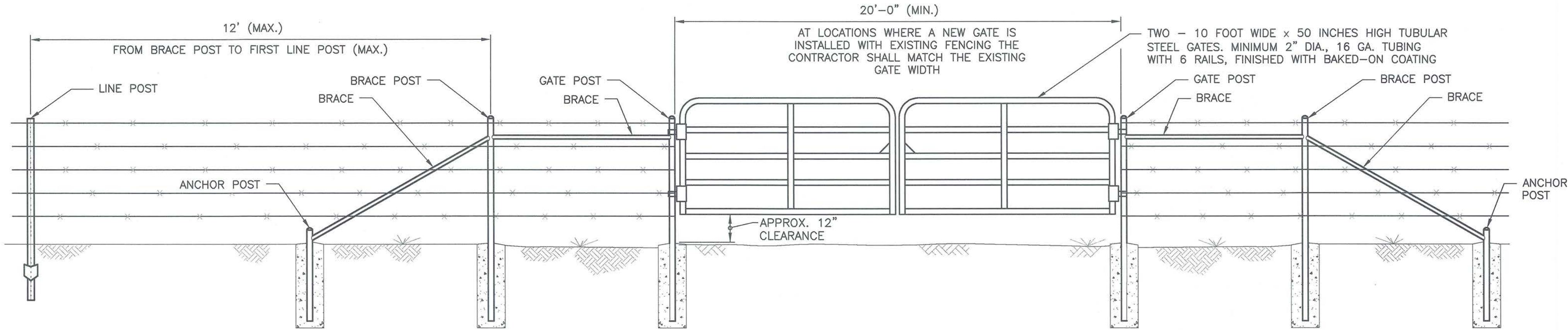
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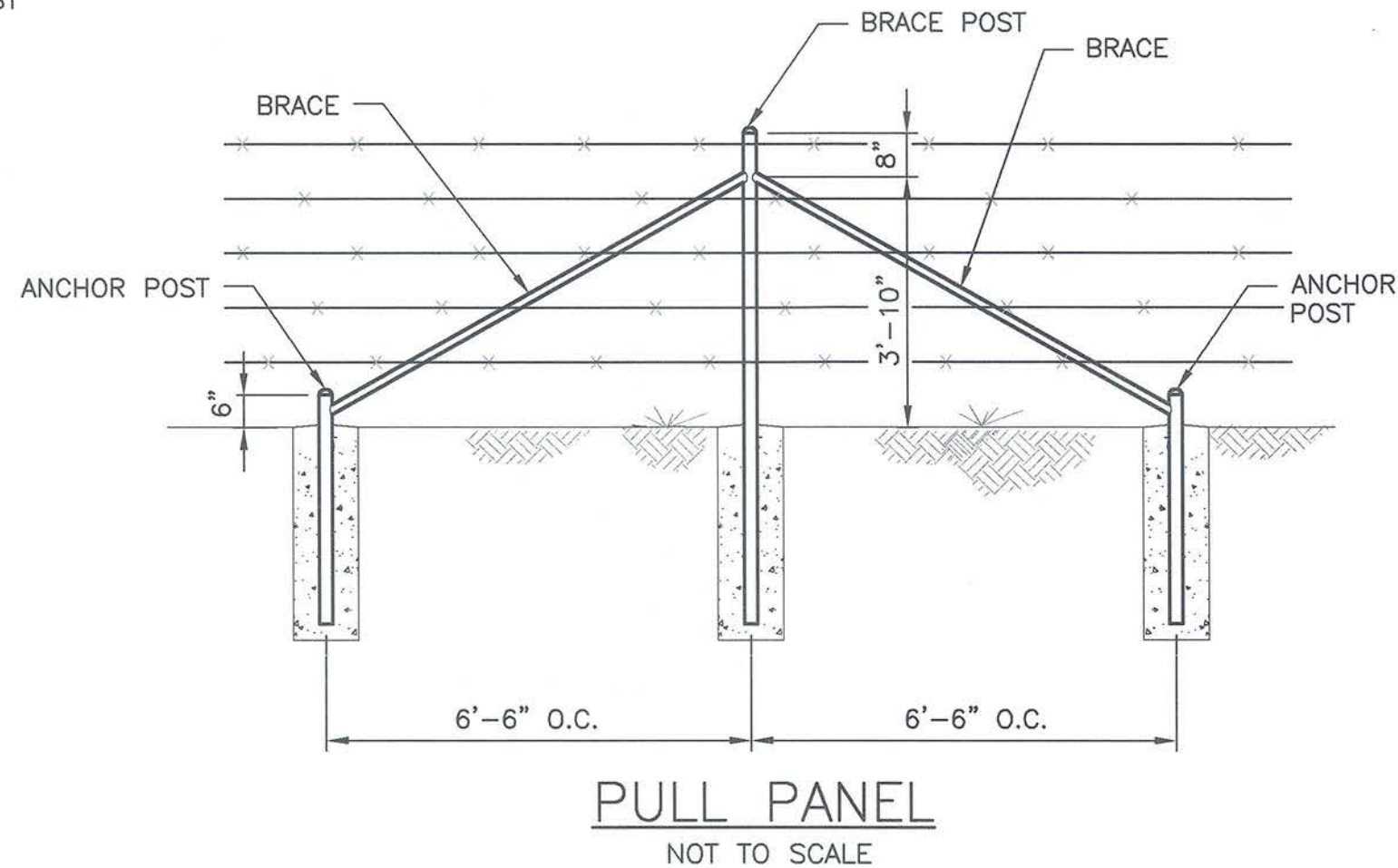
NOTES:
SET STEEL CORNER, BRACE, AND GATE POST IN CONCRETE AS DETAILED.
IF SOUND ROCK IS ENCOUNTERED THE DRILL HOLE MAY BE A MINIMUM OF 6" IN DIAMETER
UNLESS OTHERWISE STATED OR APPROVED THE CONCRETE FOR THE FOOTING SHALL HAVE A MINIMUM STRENGTH OF 3,000 psi AT 28 DAYS.
AT CHANGES IN VERTICAL ALIGNMENT, SUCH AS CROSSING OF STUB DIVERSIONS, LINE POSTS OR PULL PANEL POSTS THAT RESTRAIN UPWARD PULL OF THE FENCE STRANDS SHALL BE ANCHORED BY SETTING SUCH POST IN 18" OF CONCRETE. THE ENGINEER WILL DESIGNATE THE LOCATIONS WHERE THIS ANCHORAGE TREATMENT IS REQUIRED.



BARBED WIRE REQUIRED SHALL BE STEEL DOUBLE STRAND 12 1/2 GA., COATING TYPE Z (ZINC GALVANIZED) AND COATING CLASS 3 WIRE CONFORMING TO ASTM A121.
BARBS SHALL BE (2) POINT, 14 GA. OR LARGER, ROUND OR FLAT AND ON 4" SPACING.
ATTACH EACH BARBED WIRE STRAND TO THE CORNER, END POST, AND PULL PANEL BRACE POST WITH A DOUBLE WRAP OF GALVANIZED WIRE TIED BACK WITH A MIN. OF 4 WRAPS.
ANCHORAGE OF FENCE WIRE TO POSTS WHERE THERE IS A CHANGE IN VERTICAL ALIGNMENT THAT PRODUCES UPWARD OR DOWNWARD PULL SHALL BE ACCOMPLISHED WITH DOUBLE TIE WIRES TO EACH SUCCESSIVE FENCE WIRE. THE ENGINEER WILL DESIGNATE THE POSTS WHERE THIS SPECIAL FASTENING OF THE FENCE WIRES ARE REQUIRED.



STEEL LINE POST SHALL MEET THE REQUIREMENTS OF ASTM A702 WITH TWO COATS OF PAINT. ALL LINE POST SHALL BE THE SAME COLOR.
PIPE POSTS AND BRACES SHALL MEET THE REQUIREMENTS OF ASTM A500 OR ASTM A53, EXCEPT SECTION B, HYDROSTATIC TEST SHALL NOT APPLY.
GATE AND CORNER POSTS SHALL BE 3" NPS. BRACE POSTS, ANCHOR POSTS, AND BRACES SHALL BE MIN. 2 1/2" NPS. ALL POSTS AND BRACES SHALL BE SCHEDULE 40 PIPE.



REVISIONS	DATE

DRAWING NO.
TX-EN-0714

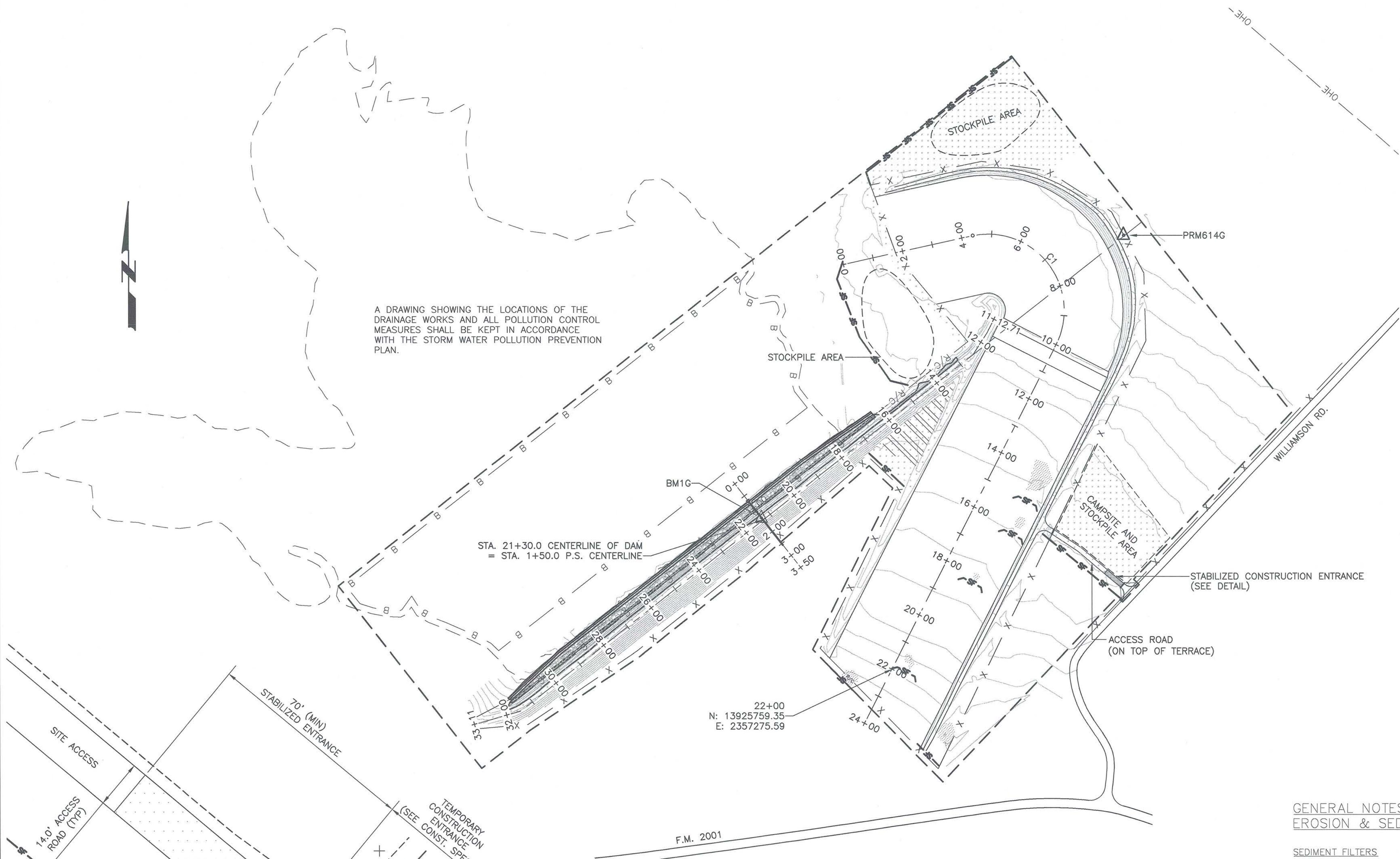
SHEET

FENCE DETAILS
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN
HAYS COUNTY, TEXAS

DESIGNED BY:	SPH
DRAWN BY:	SPH
CHECKED BY:	JJH
FILE NAME:	Plum 12 FENCE.dwg
DATE CHECKED:	3/22/2017

STATE OF TEXAS
Professional Engineer
John W. Mueller
90026
3/24/17

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A DRAWING SHOWING THE LOCATIONS OF THE DRAINAGE WORKS AND ALL POLLUTION CONTROL MEASURES SHALL BE KEPT IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN.

STA. 21+30.0 CENTERLINE OF DAM
= STA. 1+50.0 P.S. CENTERLINE

22+00
N: 13925759.35
E: 2357275.59

F.M. 2001

GENERAL PLAN VIEW

2 FT. CONTOUR INTERVAL
0 100 200
SCALE AS SHOWN

POST (REFER TO MATERIAL SPECIFICATION 592 FOR MIN. POST SPACING REQUIREMENTS)
FILTER FABRIC—36" MIN.

14-GA. STEEL WIRE OR POLYMERIC MESH EQUIVALENT.
(REFER TO MATERIAL SPECIFICATION 592 FOR REQUIREMENTS)

NOTE:
FASTEN FILTER FABRIC TO WIRE MESH WITH HOG RINGS OR WIRE. ANY EXCESS FABRIC SHALL BE FOLDED OVER THE TOP OF THE WIRE MESH AND SECURELY FASTENED TO THE WIRE.

ANCHOR A MINIMUM OF 12" OF FILTER FABRIC INTO THE GROUND AS SHOWN PRIOR TO BACKFILLING.

FILTER FABRIC SILT FENCE DETAILS

(SEE CONSTRUCTION SPECIFICATION 5)

NOTE: STAKES FOR INSTALLING SEDIMENT FILTER FABRIC SILT FENCE SHALL BE 5" STEEL "T" POSTS. ALL STEEL POSTS AND FILTER FABRIC SILT FENCES SHALL BE REMOVED AT THE END OF THE CONTRACT.

LEGEND

- X EXISTING FENCES NOT TO BE REMOVED
- R FENCE TO BE REMOVED
- C FENCE TO BE CONSTRUCTED
- APPROX. LIMITS OF WORK AREA
- B APPROX. LIMITS OF BORROW
- OHE OVERHEAD ELECTRIC (APPROX. LOCATION SHOWN)
- SF SF SEDIMENT/SILT FENCE
- WOODED AREAS/BRUSH
- AREAS TO BE CLEARED AND GRUBBED
- ERODED AREA
- BACKFILL/WASTE AREA
- AREA TO BE VEGETATED

NOTE:
CONTRACTOR SHALL ADD LOCATION(S) OF SEDIMENT FENCE TO PLAN AS REQUIRED.

APPROXIMATELY 2,259 FEET OF SEDIMENT FENCE IS CURRENTLY SHOWN.

CONTRACTOR SHALL INDICATE ON THE PLAN ALL PRODUCT SPECIFIC STORAGE AREAS AS DESCRIBED IN THE SWP3.

THESE AREAS SHALL INCLUDE, BUT ARE NOT LIMITED TO:

- EQUIPMENT STORAGE
- FUEL STORAGE
- HAZARDOUS MATERIAL STORAGE
- SOIL/ROCK STOCKPILE AREAS

GENERAL NOTES: EROSION & SEDIMENT CONTROL MEASURES & WORKS

SEDIMENT FILTERS

- SEDIMENT FILTERS SHALL BE FABRIC (GEOTEXTILE) SILT FENCES INSTALLED AS DETAILED ON THIS SHEET AND INDICATED IN CONSTRUCTION SPECIFICATION 5 AND MATERIAL SPECIFICATION 592.
- SEDIMENT FILTERS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:
 - (A) ALONG THE DOWNSTREAM BOUNDARY OF ANY AREA WHICH IS STRIPPED OF EXISTING VEGETATION AND/OR SURFACE MATERIAL DURING ANY PHASE OF CONSTRUCTION ACTIVITY.
 - (B) ALONG THE DOWNSTREAM BOUNDARY OF ANY SOIL MATERIAL WHICH IS STOCKPILED DURING ANY PHASE OF CONSTRUCTION ACTIVITY FOR MORE THAN 14 DAYS.
 - (C) OTHER AREAS WHICH ARE DETERMINED BY THE CONTRACTING OFFICER TO BE POTENTIAL SILT SOURCES.
- SEDIMENT FILTERS SHALL NOT BE USED WHERE CONCENTRATED FLOWS WHICH EXCEED ONE CFS ARE EXPECTED, OR WHERE DRAINAGE AREA EXCEEDS TWO ACRES.
- THE HEIGHT OF SILT FENCES SHALL NOT EXCEED 48 INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE).
- SPLICES IN THE FILTER FABRIC ARE NOT RECOMMENDED. WHEN JOINTS ARE UNAVOIDABLE, FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH LAP.
- POST SHALL BE DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 20 INCHES).

MAINTENANCE

- SEDIMENT FILTERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- SILT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE SEDIMENT FILTER.
- SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE, THE FABRIC SHALL BE REPLACED PROMPTLY UNLESS INSPECTION REPORTS INDICATE THAT THE REPLACEMENT IS UNNECESSARY.

THE STABILIZED CONSTRUCTION ENTRANCE SHALL CONSIST OF A MINIMUM OF 8" THICKNESS OF CRUSHED ROCK PREDOMINANTLY 4" TO 6" IN SIZE. THE AGGREGATES SHALL BE CLEAN, HARD, DURABLE, AND FREE FROM ADHERENT COATINGS SUCH AS SALT, ALKALI, DIRT, CLAY, LOAM, SHALE, SOFT OR FLAKY MATERIALS, AND ORGANIC OR INJURIOUS MATTER.

ACTUAL SIZES, DIMENSIONS, QUANTITIES, ALIGNMENT AND EXTENTS SHALL BE AS DETERMINED IN THE FIELD BY THE ENGINEER. (SEE CONSTRUCTION SPECIFICATION 5 & 8).

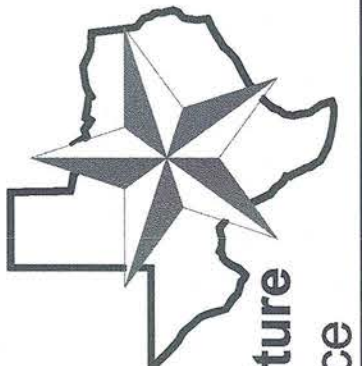
STABILIZED CONSTRUCTION ENTRANCE DETAIL

PLAN VIEW
NOT TO SCALE



DESIGNED BY: SPH
DRAWN BY: SPH
CHECKED BY: JH
FILE NAME: Plum 12 EWP Design.dwg
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STORMWATER POLLUTION PREVENTION PLAN
FLOODWATER RETARDING STRUCTURE SITE NO. 12 EWP
PLUM CREEK WATERSHED
IN
HAYS COUNTY, TEXAS



United States Department of Agriculture
Natural Resources Conservation Service

REVISIONS DATE

DRAWING NO.

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SHEET

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