

UTAH DEPARTMENT OF TRANSPORTATION PLANS OF PROPOSED STATE ROAD

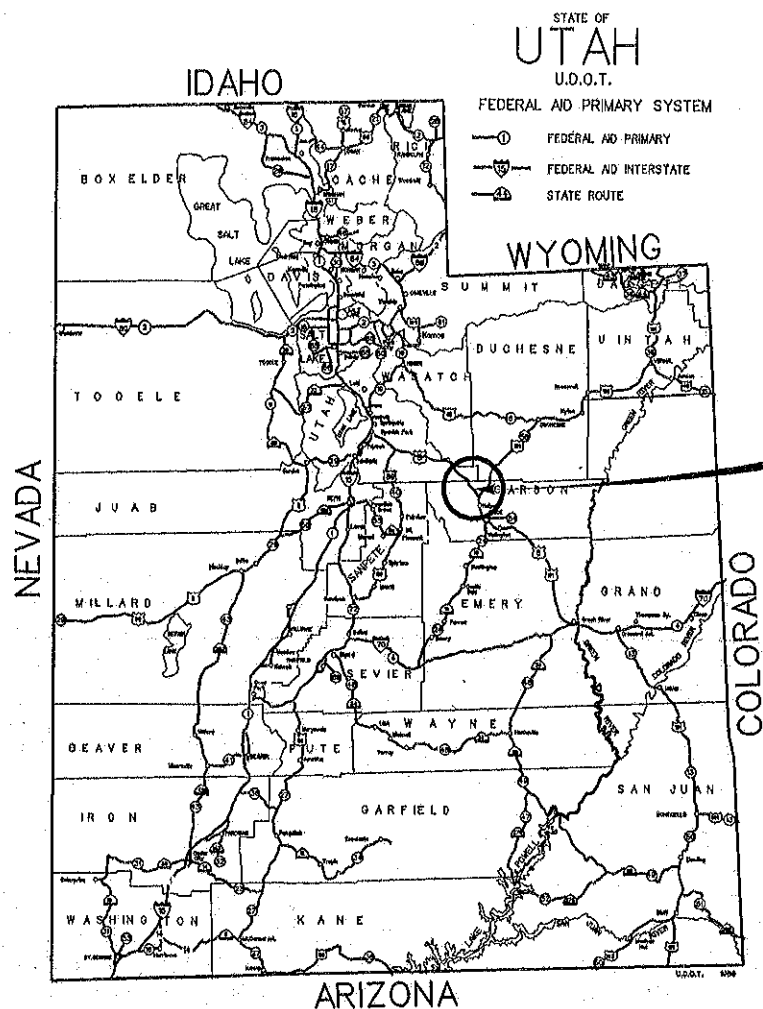
STATE PROJECT
SP-0006(59)227

US-6, RP 226.5 TO 228,
SAFETY

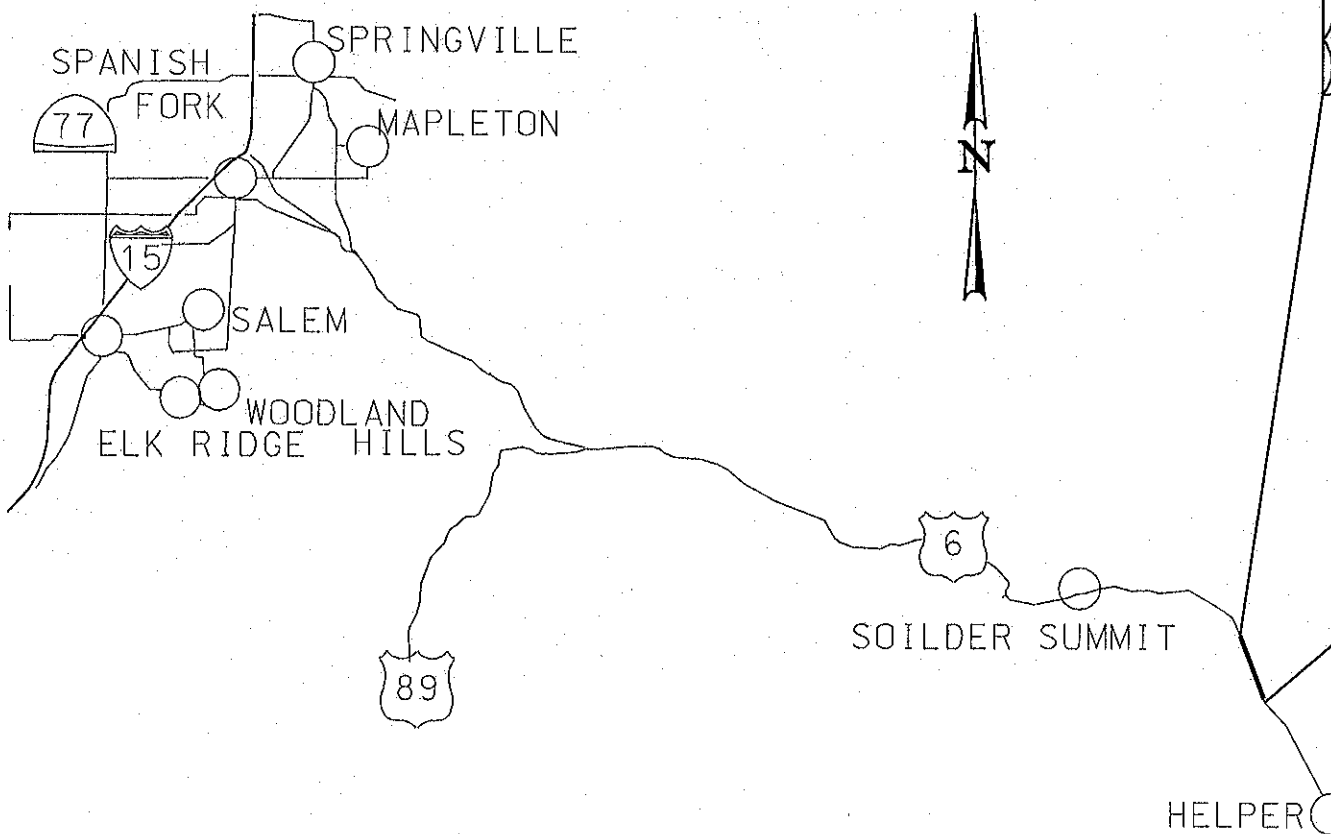
CARBON COUNTY
MINOR WIDENING

LENGTH 1.77 MILES

RETURN TO REGION 4 FILE ROOM



SP-0006(59)227



STA. 56+50.00
BEG. PROJECT
SP-0006(59)227
RP 226.5

STA. 150+00.00
END PROJECT
SP-0006(59)227
RP 228.27

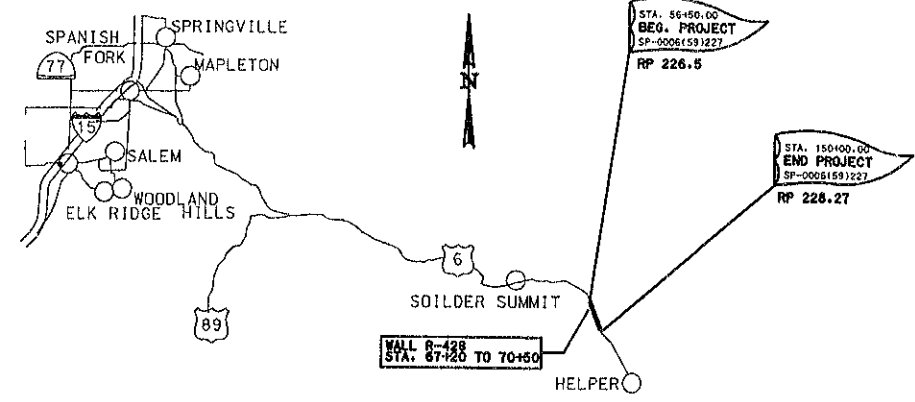
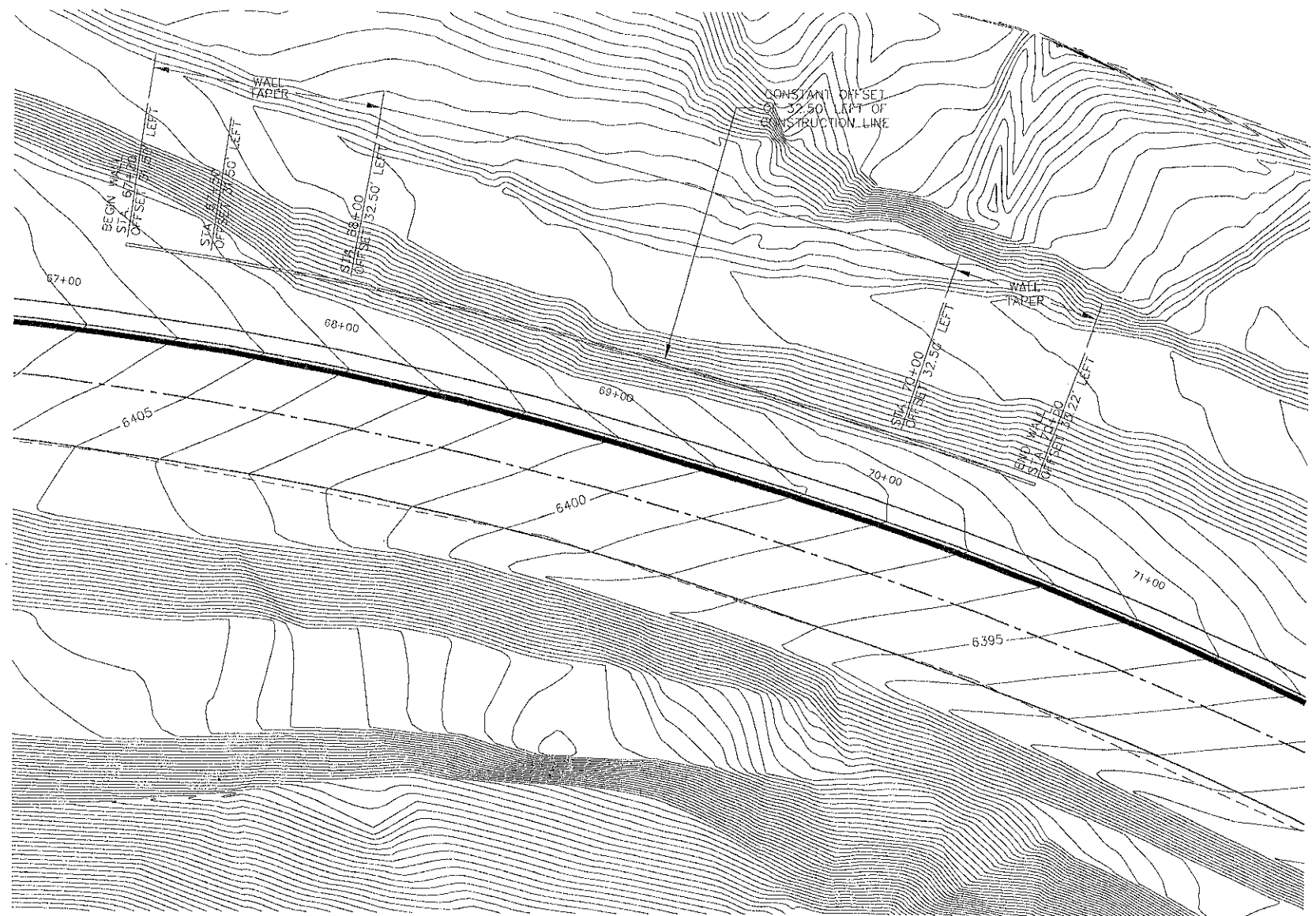
MAR 22 2007

MAR 22 2007

Received
MAR 19 2007
UDOT
Project Office

UTAH DEPARTMENT OF TRANSPORTATION
RECOMMENDED FOR APPROVAL _____ 2004
PRECONSTRUCTION ENGINEER
RECOMMENDED FOR APPROVAL _____ 2004
PROJECT MANAGER
APPROVAL _____ 2004
REGION DIRECTOR

Red line As-Built Mark N. D... 3-19-07



LOCATION PLAN

GENERAL NOTES

1. USE COATED DEFORMED-BILLET REINFORCING STEEL BARS CONFORMING TO AASHTO M 284 OR M 111 AND M 31 GRADE 60 RESPECTIVELY.
2. CHAMFER ALL EXPOSED CONCRETE CORNERS 3/4" EXCEPT WHERE NOTED OTHERWISE.
3. PROVIDE 2" CONCRETE COVER TO REINFORCING STEEL EXCEPT WHERE NOTED OTHERWISE.
4. USE CLASS AA(AE) CAST-IN-PLACE CONCRETE EXCEPT WHERE SPECIFIED OTHERWISE.
5. MATERIALS, CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH UTAH DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. CAST-IN-PLACE COPING TO BE AS DESIGNED BY WALL COMPANY.

DESIGN DATA

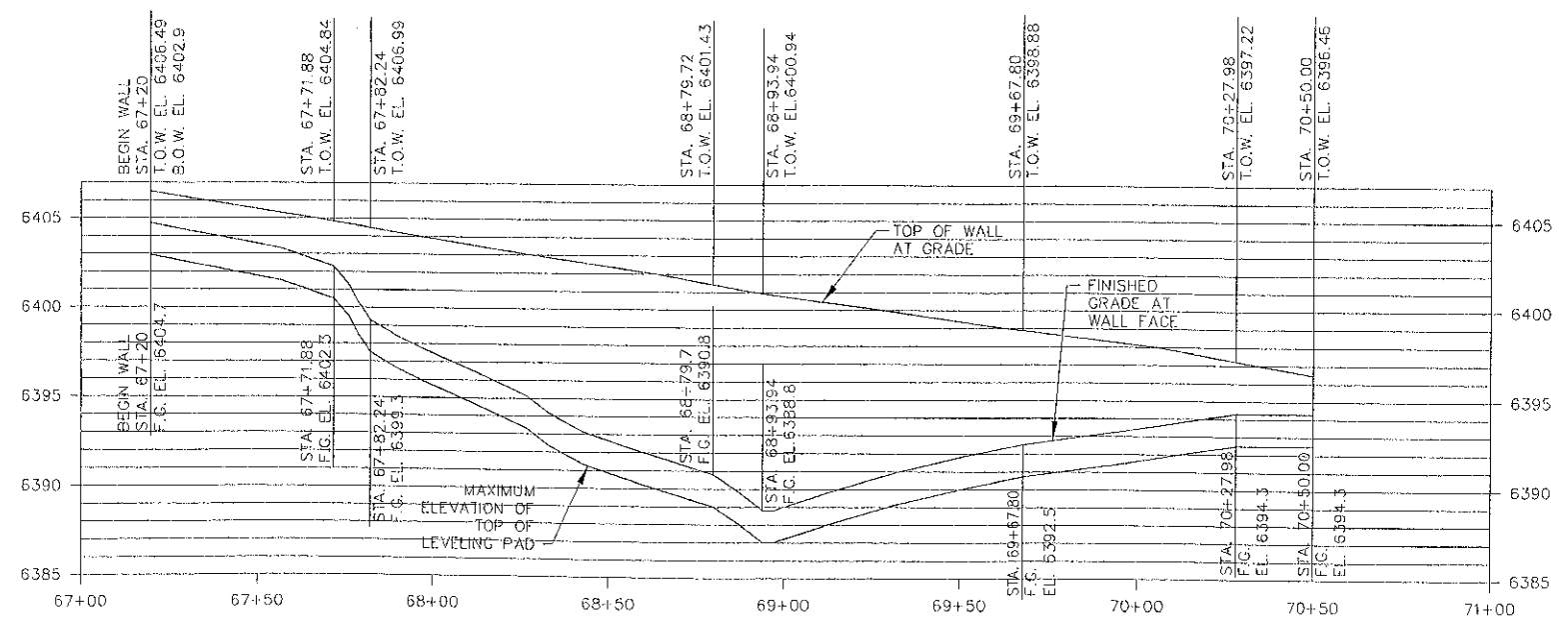
HL-93 IN ACCORDANCE WITH CURRENT AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND INTERIM SPECIFICATIONS.
 CAST-IN-PLACE CONCRETE: $f'_c = 3650$ PSI; f_y (REINF.) = 60,000 PSI;
 CLASS AA (AE) $n = 8$

QUANTITIES

ITEM	ESTIM.	UNIT	AS CONST.
MSE RETAINING WALL R-248 (EST. QTY. sq. ft.)	2131	LUMP	

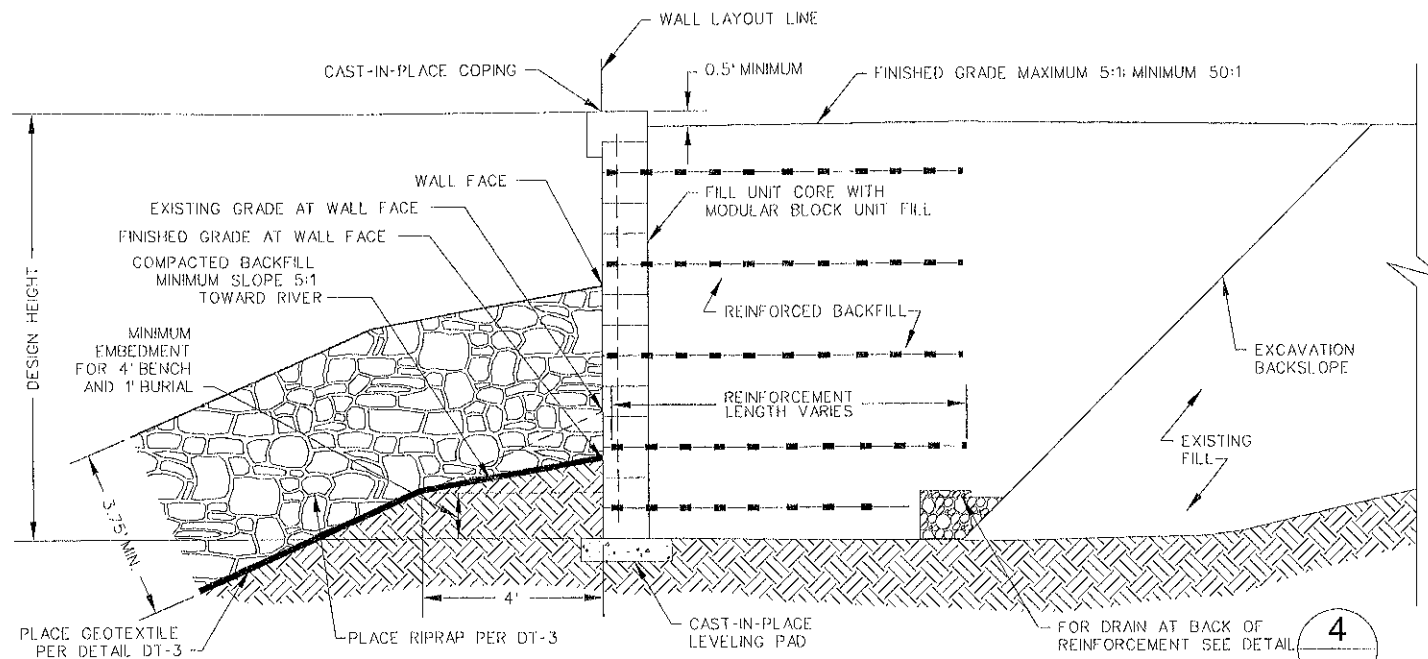
NOTE:
 1. CONSTRUCTION LAYOUT LINE WILL BE A SAW CUT LINE IN EXISTING PAVEMENT, PLACED APPROXIMATELY 4 FOOT FROM THE EXISTING EDGE OF PAVEMENT.

1 RETAINING WALL PROFILE
 R-428 N.T.S.

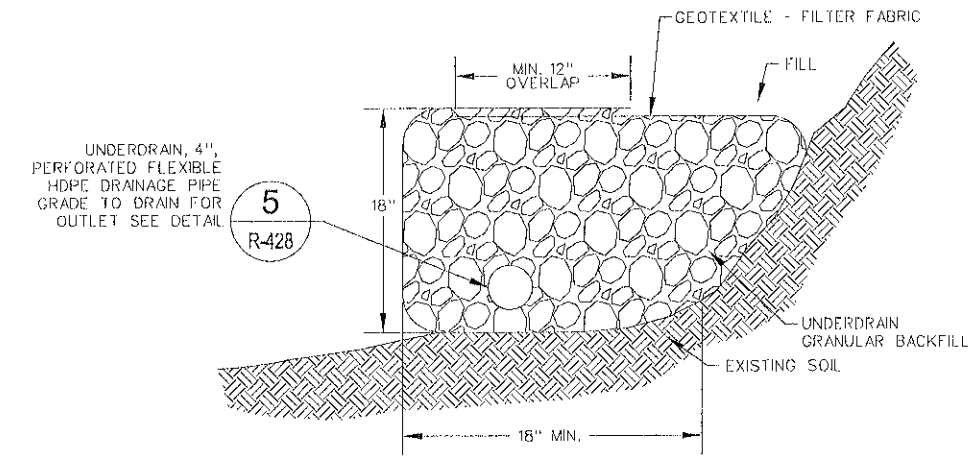


2 RETAINING WALL PROFILE
 R-428 N.T.S.

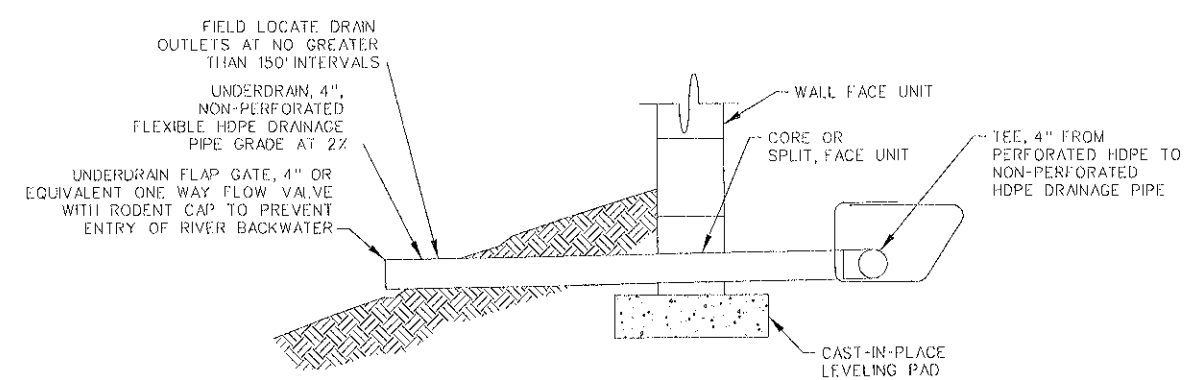
UTAH DEPARTMENT OF TRANSPORTATION SALT LAKE CITY, UTAH STRUCTURES DIVISION		DESIGN JAC 10/03 CHECK FEH 10/03	DRAWN RLB 10/03 CHECK JAC 10/03	QUANT. JAC 10/03 CHECK FEH 10/03
US-6; RP 226.5 TO RP 228	SAFETY IMPROVEMENTS	MSE WALL	PROJECT NUMBER SP-0006(59)227	
CARBON COUNTY		R-428		
DRG. NO.				



3 TYPICAL REINFORCED WALL SECTION
R-428 N.T.S.



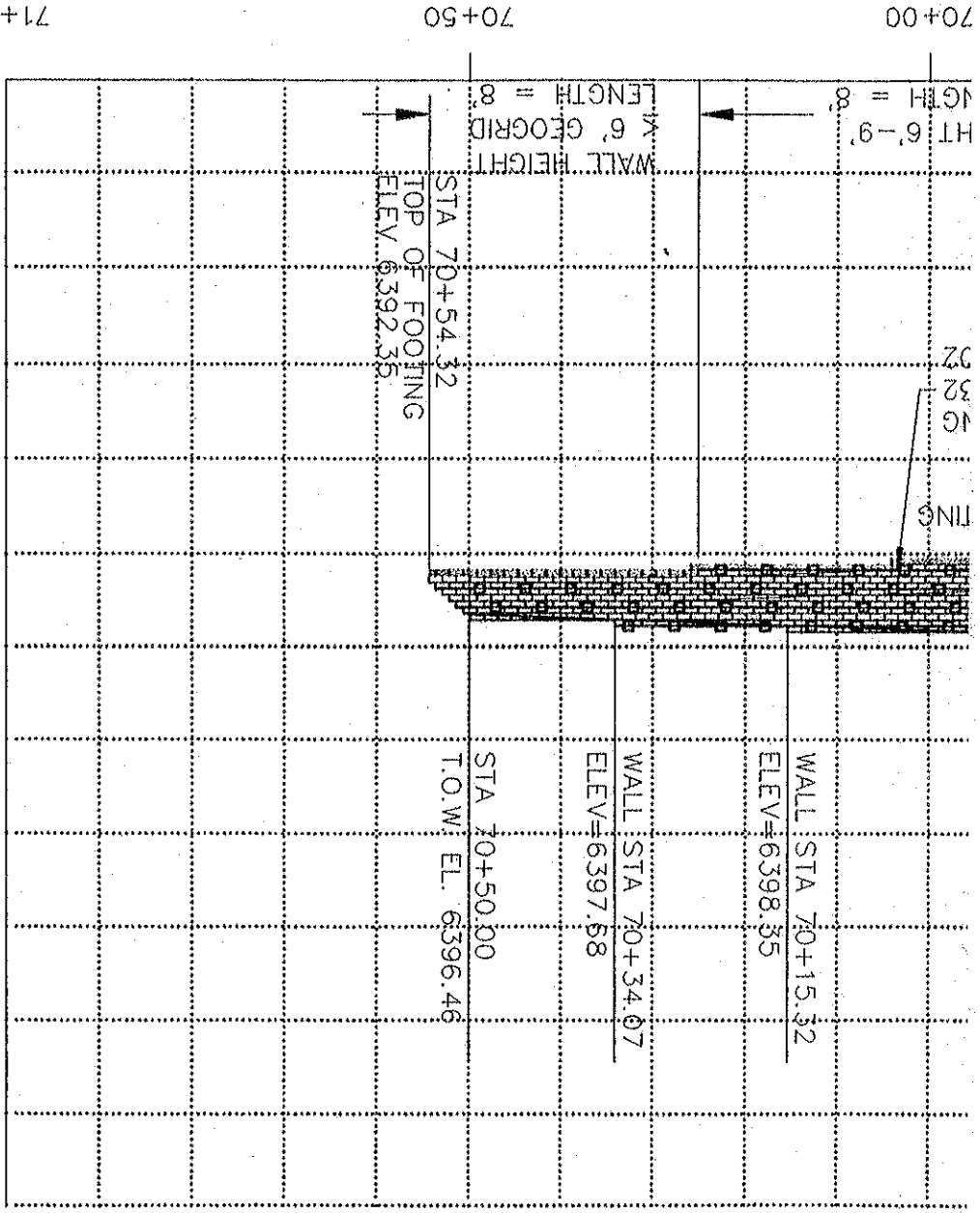
4 TYPICAL WALL DRAIN DETAIL
R-428 N.T.S.



5 TYPICAL DRAIN OUTLET DETAIL
R-428 N.T.S.

UTAH DEPARTMENT OF TRANSPORTATION SALT LAKE CITY, UTAH STRUCTURES DIVISION		DESIGN JAC 10/03	CHECK FEH 10/03	NO.	DATE	BY	REVISIONS
APPROVAL RECORD	DATE	DESIGN	CHECK	NO.	DATE	BY	REVISIONS
PROJECT NUMBER	SP-0006(59)227	DRAWN RLB 10/03	CHECK JAC 10/03				
COUNTY	CARBON	QUANT. JAC 10/03	CHECK FEH 10/03				
DRG. NO.	R-428						
SHT.	2	OF	2				

K. STA 67+00 TO 71+00

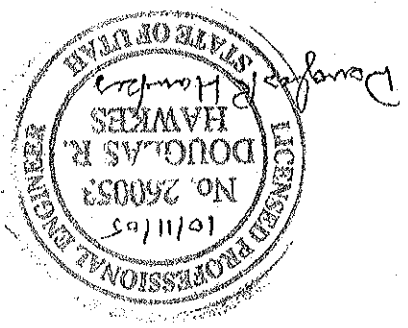


SEE SHEET 3 FOR "KEYSTONE"
RETAINING WALL DETAILS

SCALE: 1"=20'

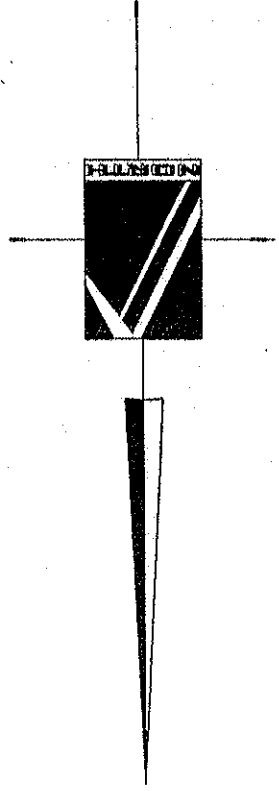
APPLIED GEOTECHNICAL ENGINEERING CONSULTANTS, INC
600 WEST SANDY PARKWAY
SANDY, UT 84070
(801) 566-6399

Received

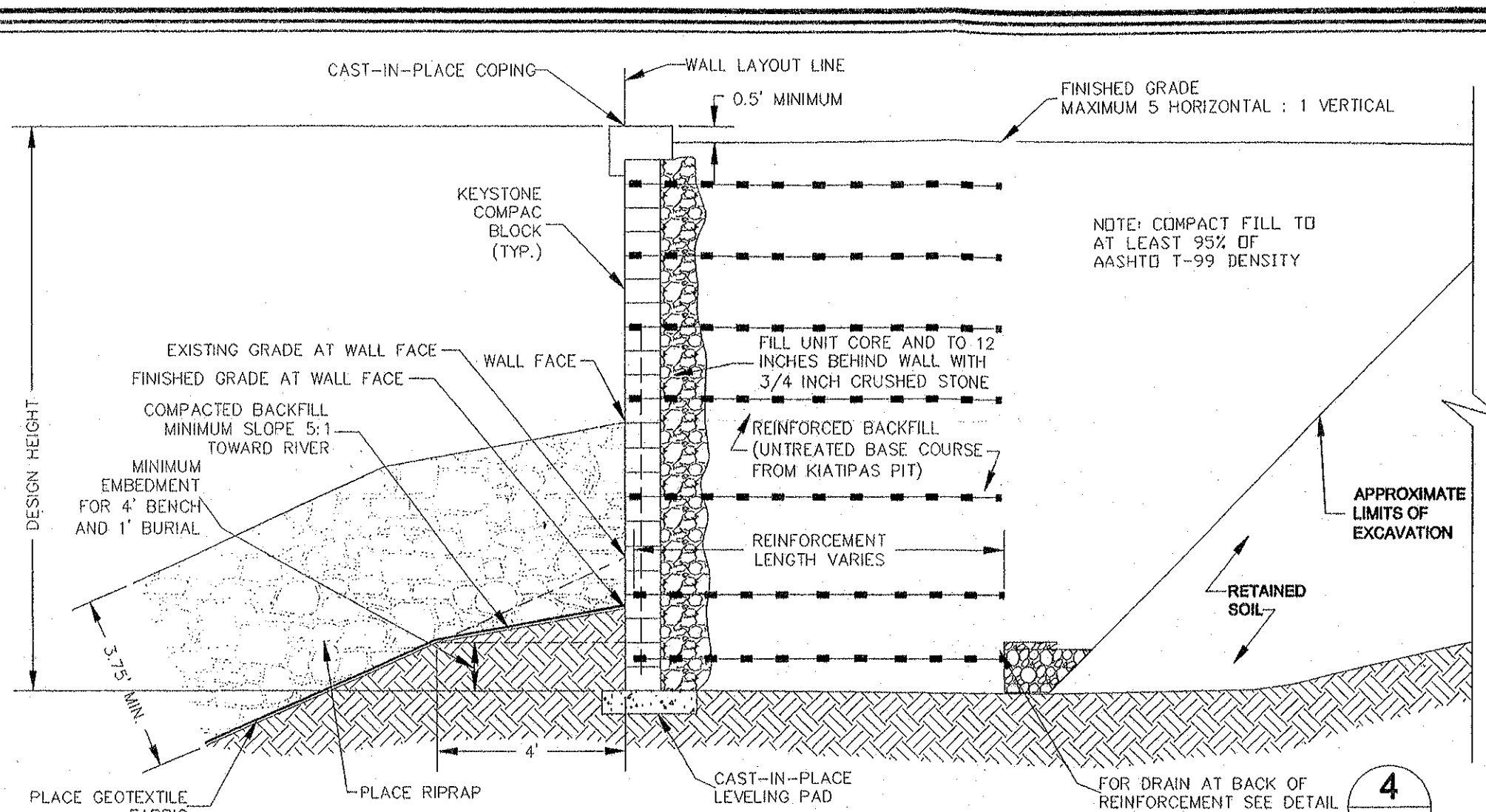


LEGEND

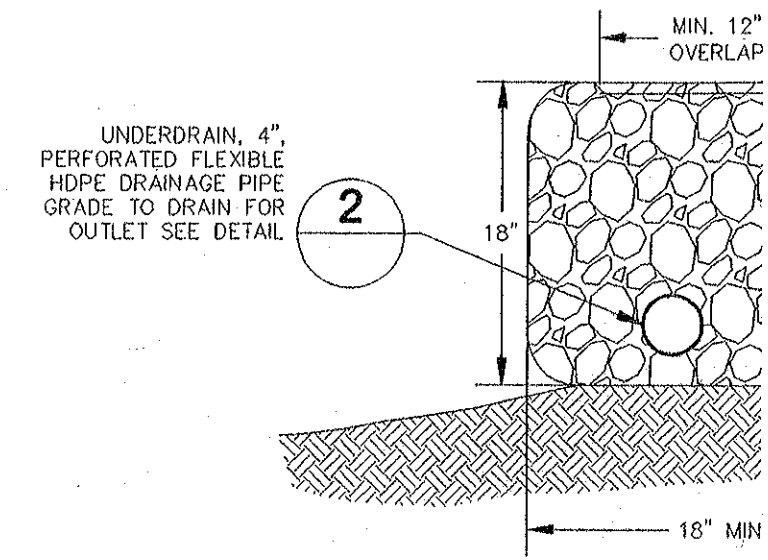
- TENSAR UXK1400MSE
- KEYSTONE COMPAC BLOCK



SHEET #	SURVEYED BY	DATE	REVISION	BY	DATE	TITLE: I
1	DESIGNED BY SCOTT ANDERSON	DATE 10/2005	COMMENTS	RPB	10/7/05	
OF	DRAWN BY RPB	DATE 10/2005				
3	APPROVED BY AGEC	DATE 10/2005				



1 TYPICAL REINFORCED WALL SECTION
N.T.S.

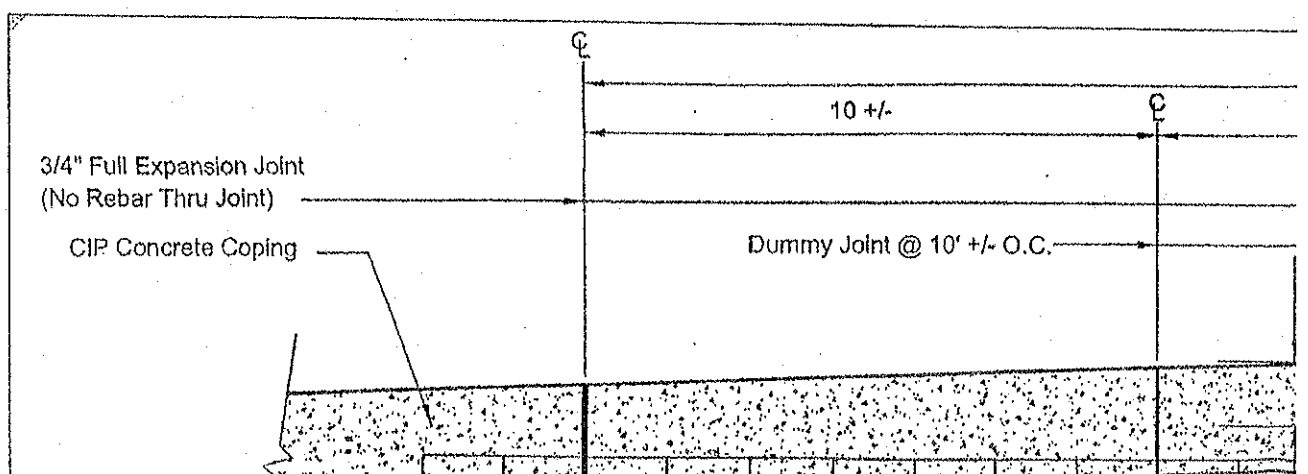
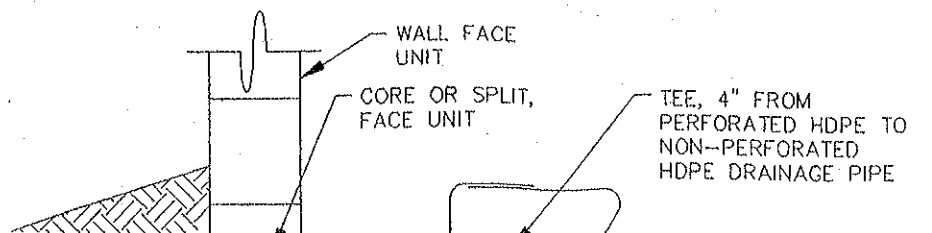


4 TYPICAL WALL
N.T.S.

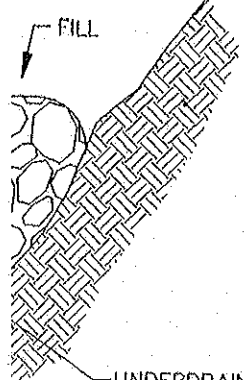
FIELD LOCATE DRAIN OUTLETS AT NO GREATER THAN 150' INTERVALS

UNDERDRAIN, 4", NON-PERFORATED FLEXIBLE HDPE DRAINAGE PIPE GRADE AT 2%

UNDERDRAIN FLAP GATE, 4" OR EQUIVALENT ONE WAY FLOW VALVE WITH RODENT CAP TO PREVENT ENTRY OF RIVER BACKWATER



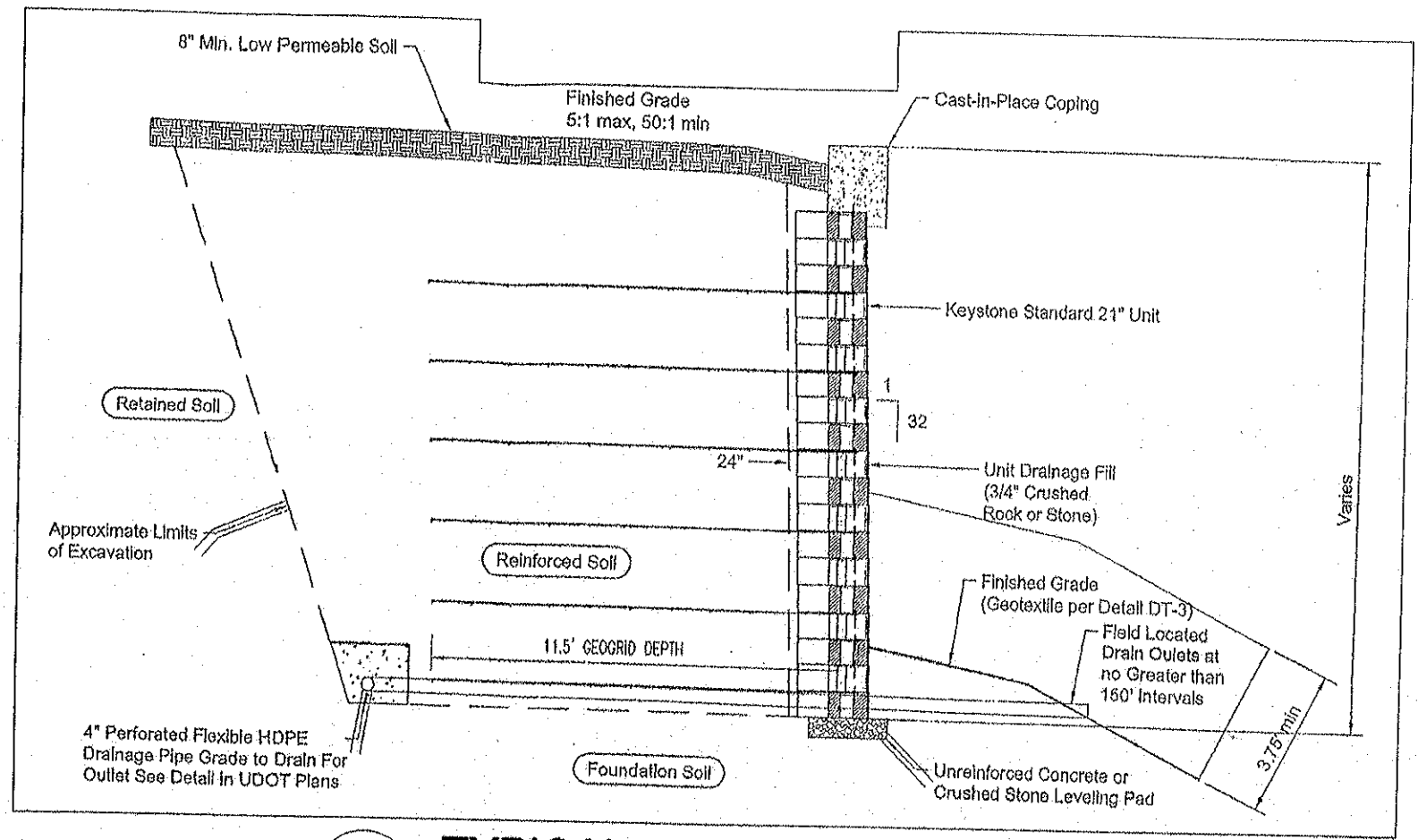
14 TYPE N
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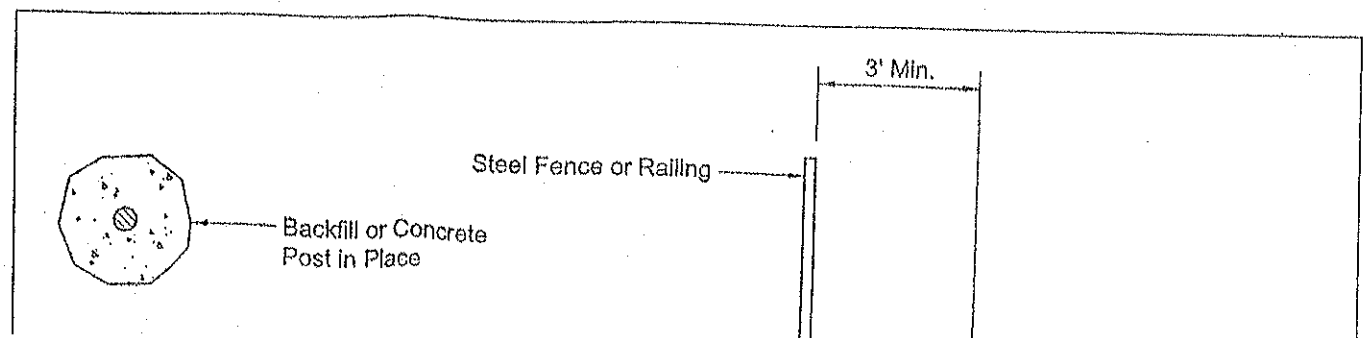
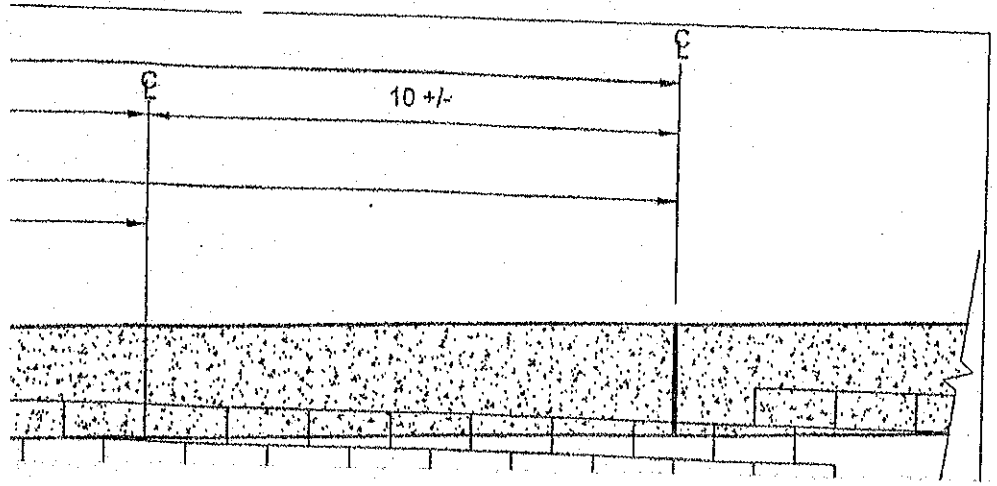
UNDERDRAIN
GRANULAR BACKFILL
GRADATION

SIEVE SIZE	PERCENT PASSING
3/4	100
NO. 200	0-5

DETAIL



7 TYPICAL WALL SECTION
N.T.S.



FILE: NOTES AND DETAILS

ECT: US-6 RP 226.5 TP RP 228
SP-0006 (59) 227
CARBON COUNTY, UTAH



APPLIED GEOTECHNICAL
ENGINEERING CONSULTANTS, INC.

600 WEST SANDY PARKWAY
SANDY, UT 84070
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FAX (801) 566-6493