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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 GEOTECHNICAL ENGINEERING UNIT  
SUBSURFACE INVESTIGATION  
INVENTORY  
 SECTION 2

REFERENCE: U-4751

PROJECT: 40191

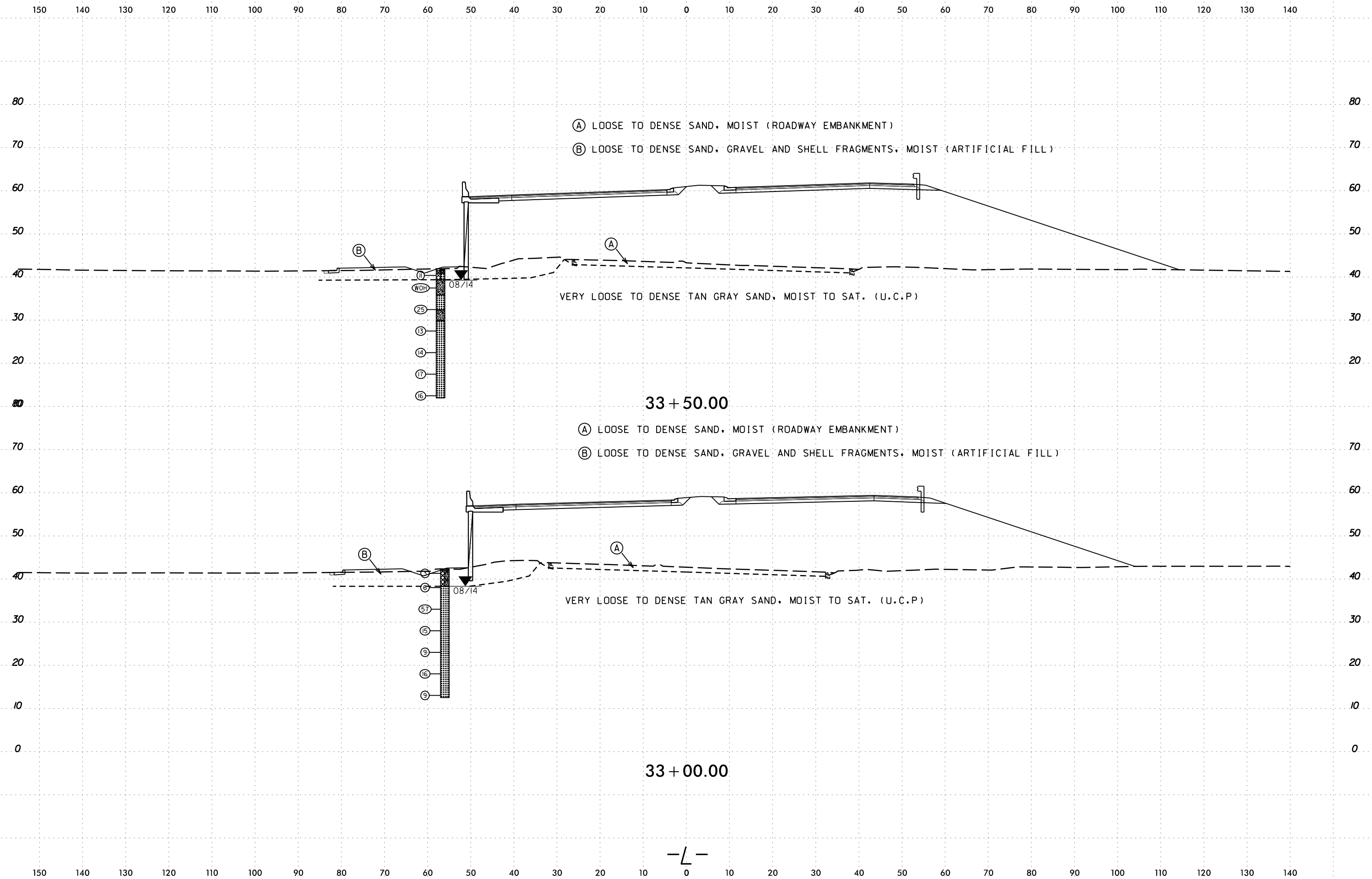
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JLS

3/10/2017

INITIALS

DATE

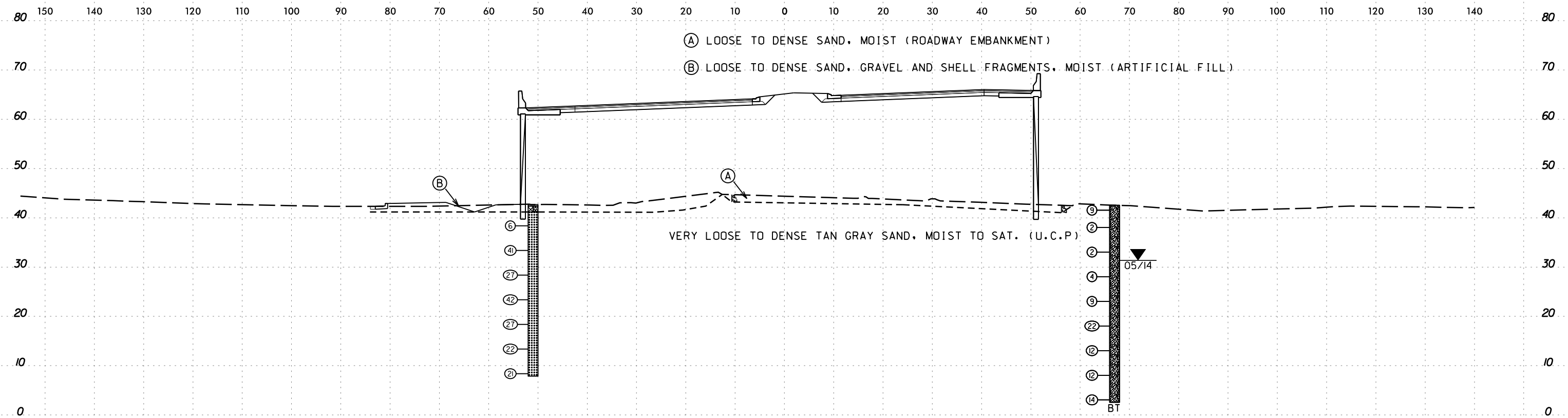
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DICKERSON



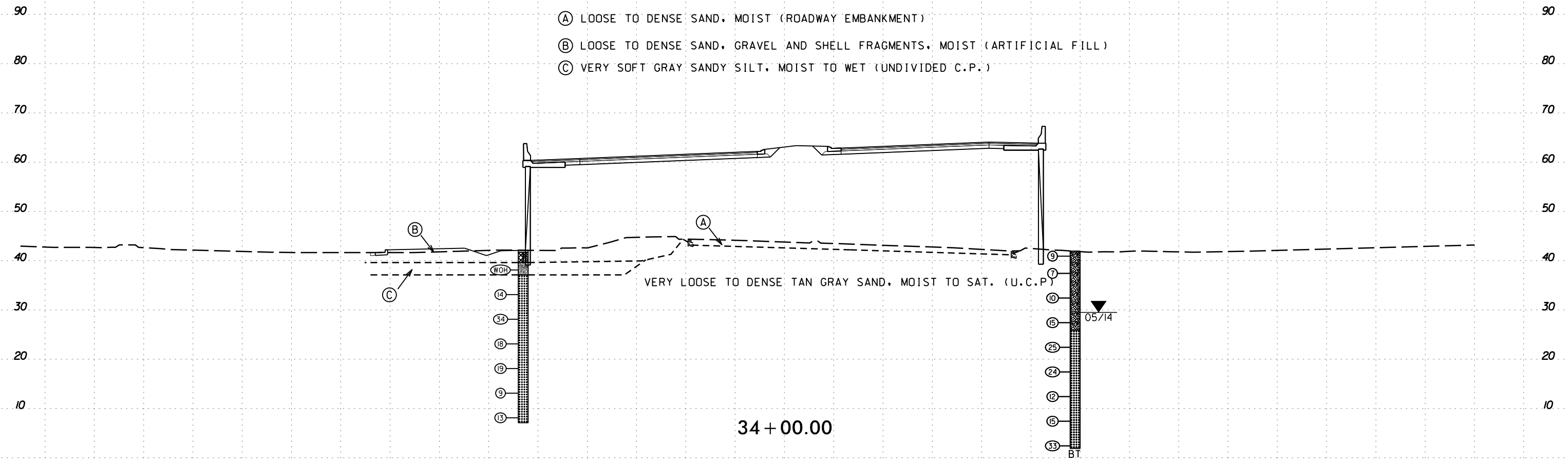
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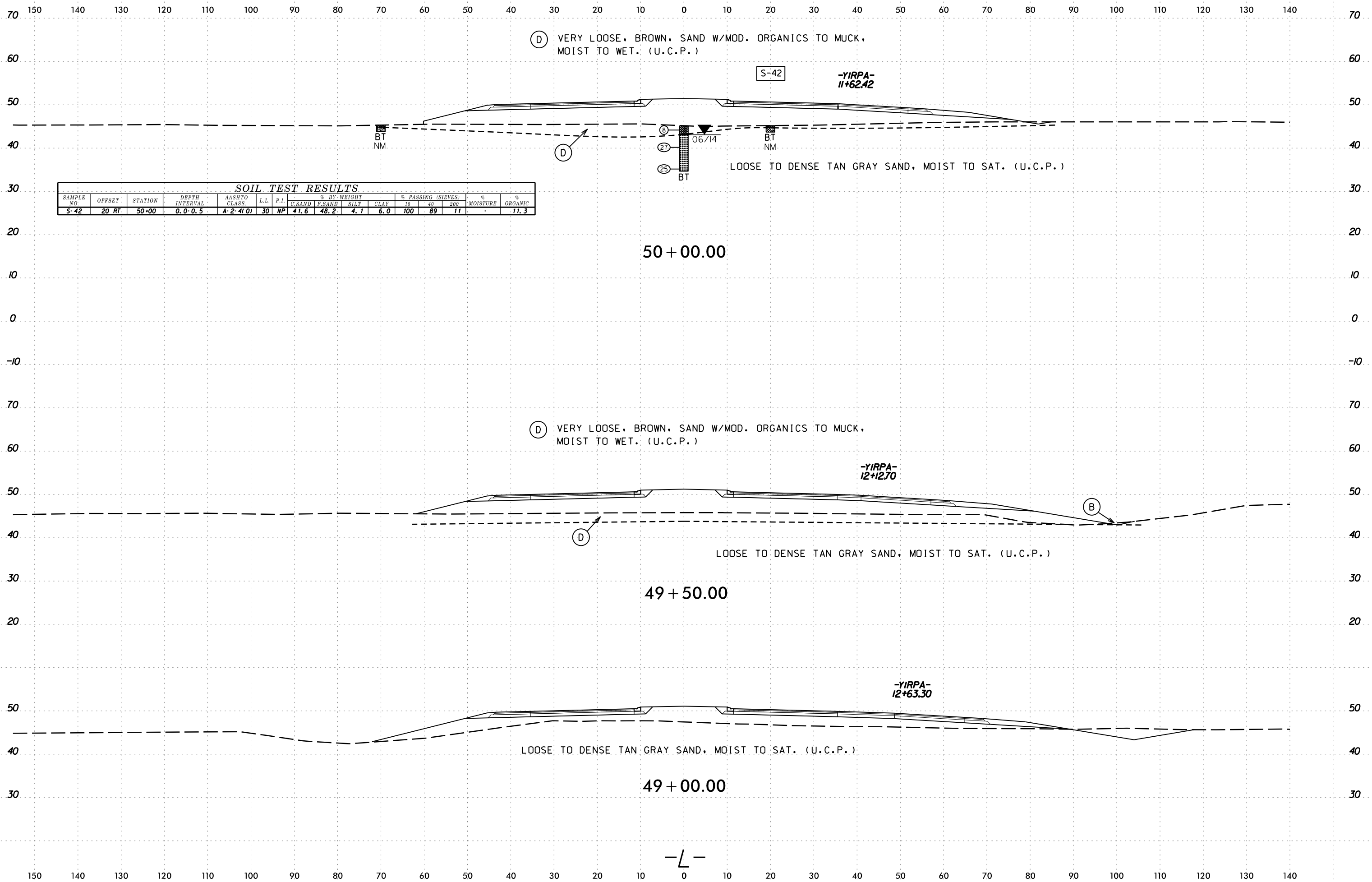


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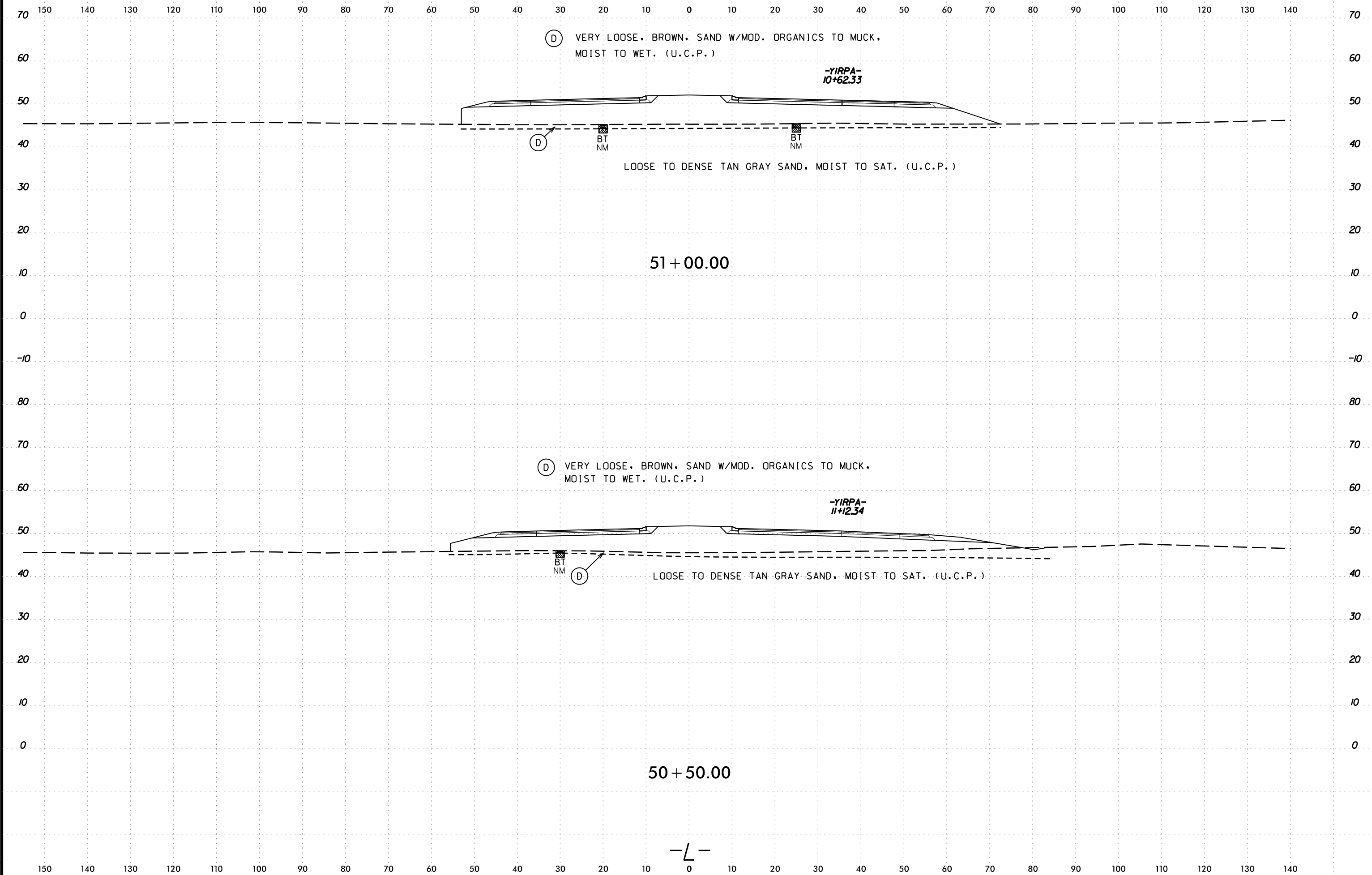
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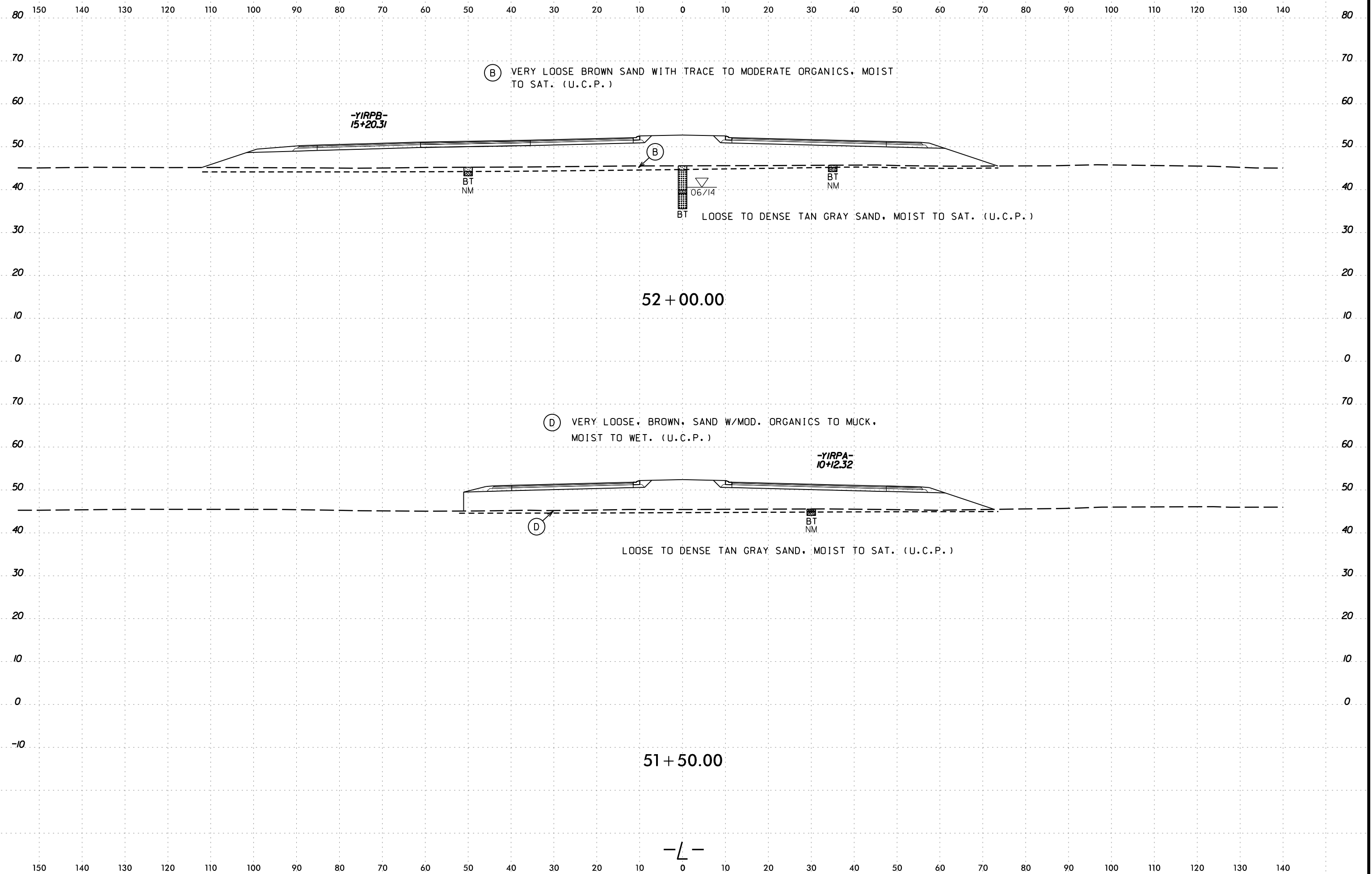
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							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-42	20 RT	50+00	0.0-0.5	A-2-4(0)	30	NP	41.6	48.2	4.1	6.0	100	89	11	-	11.3

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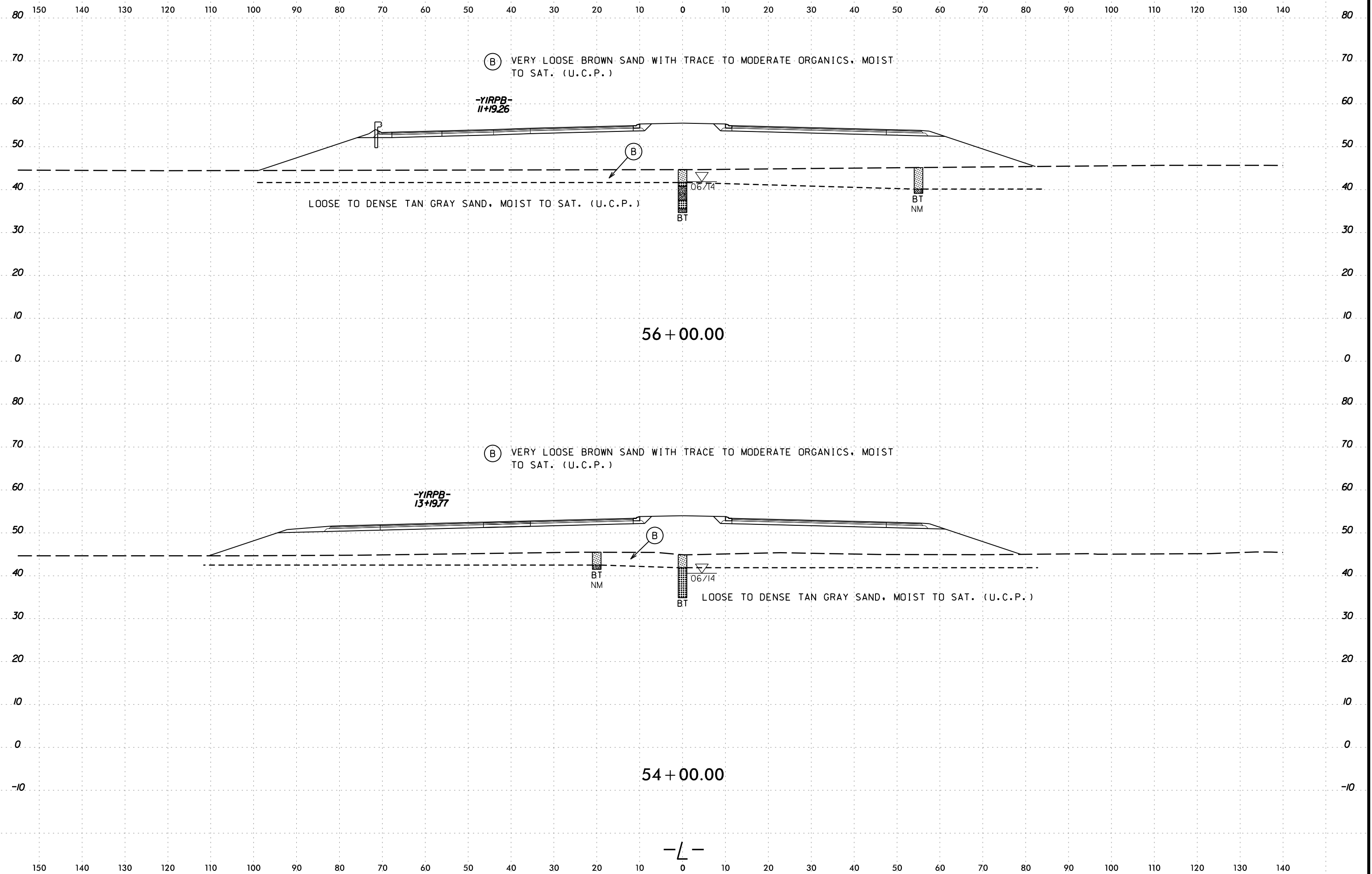


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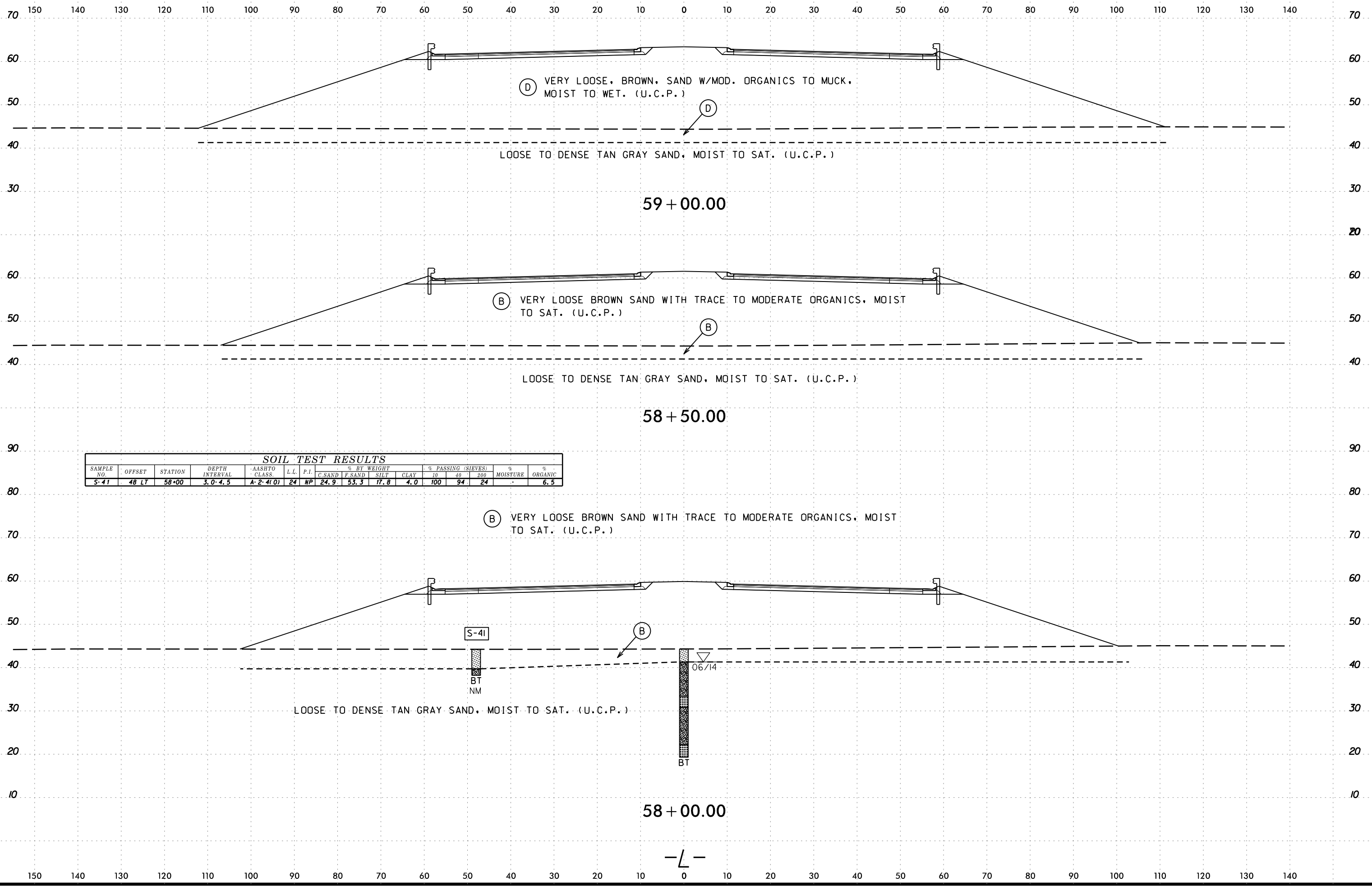
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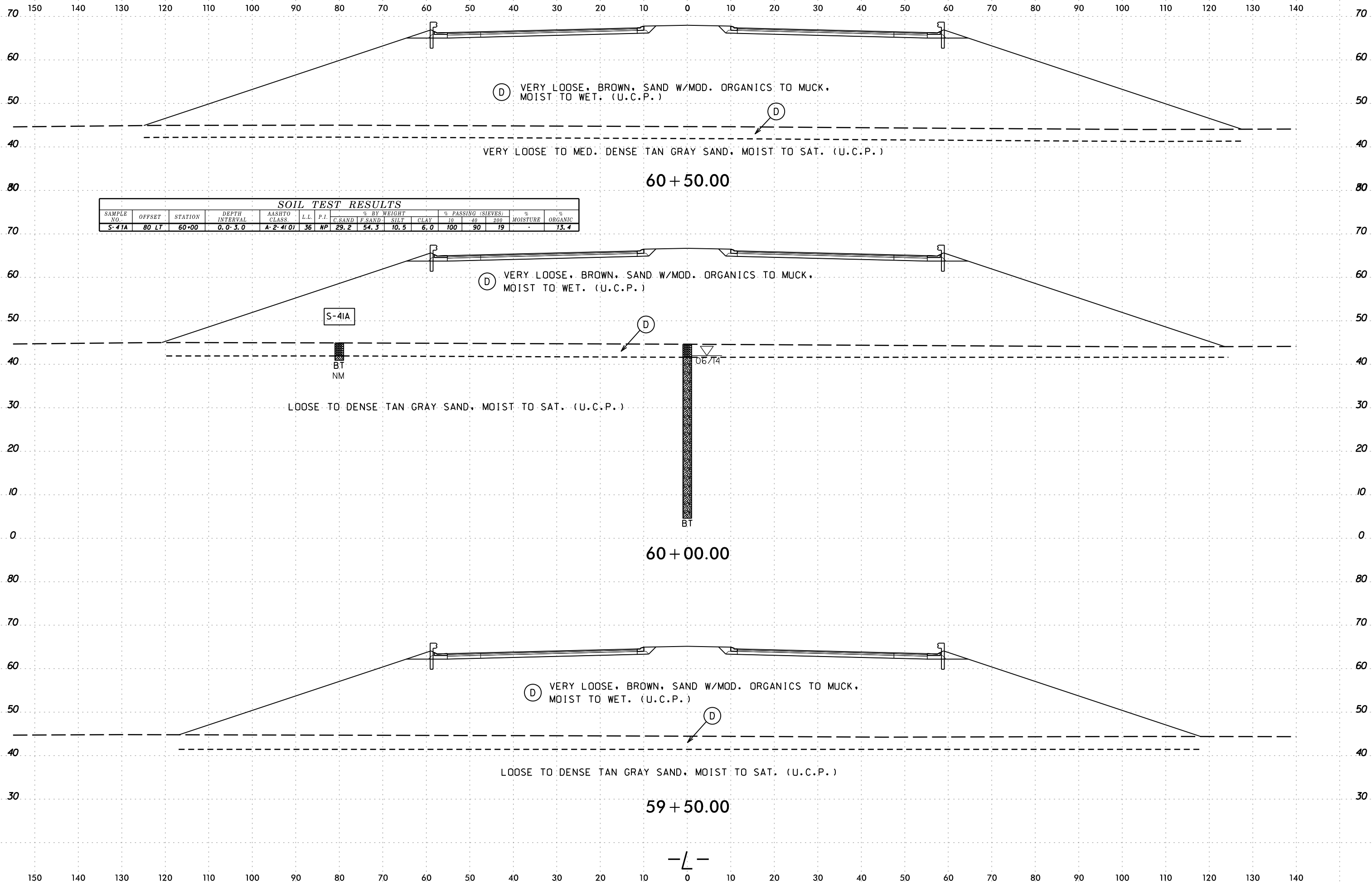
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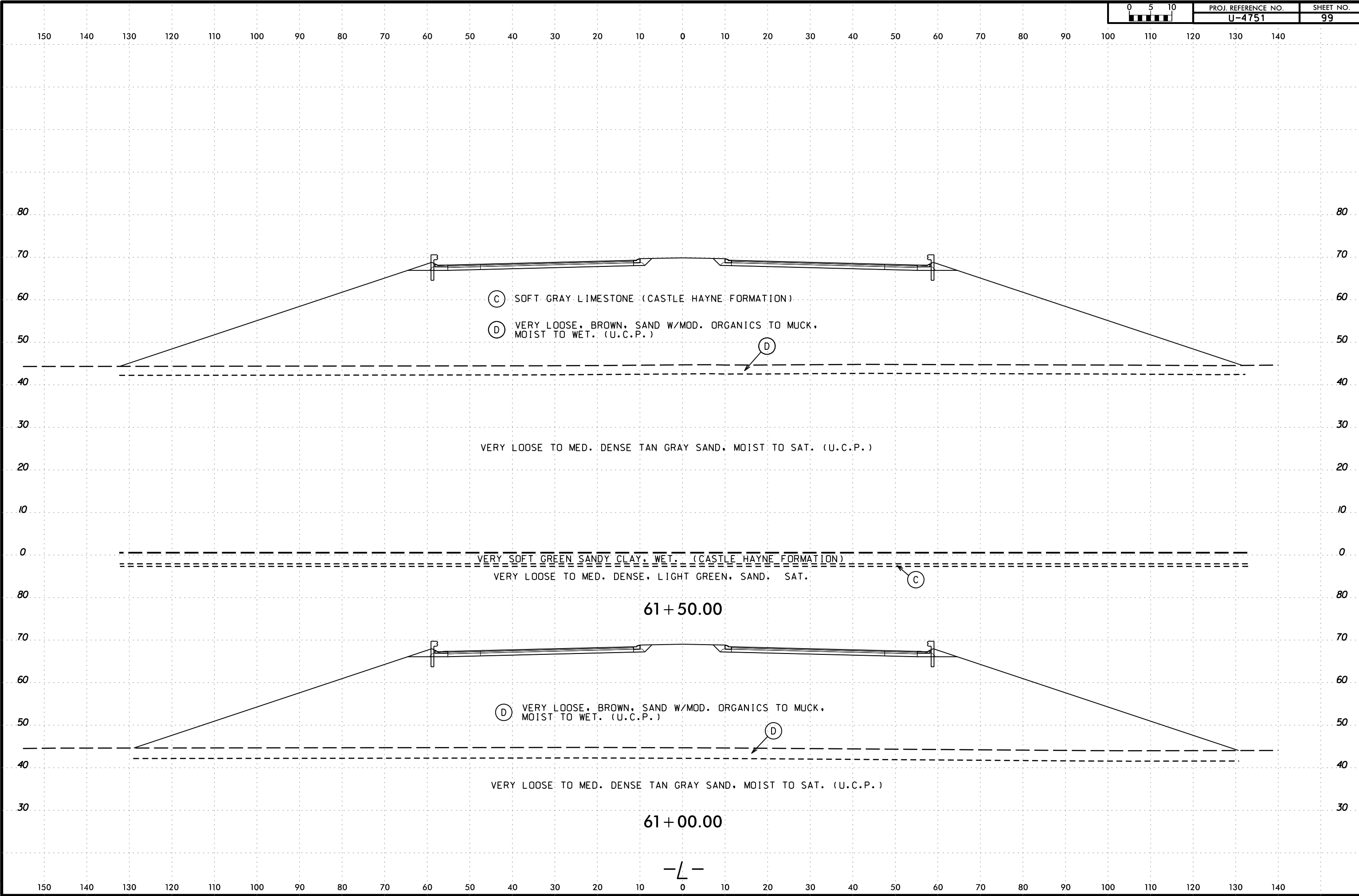


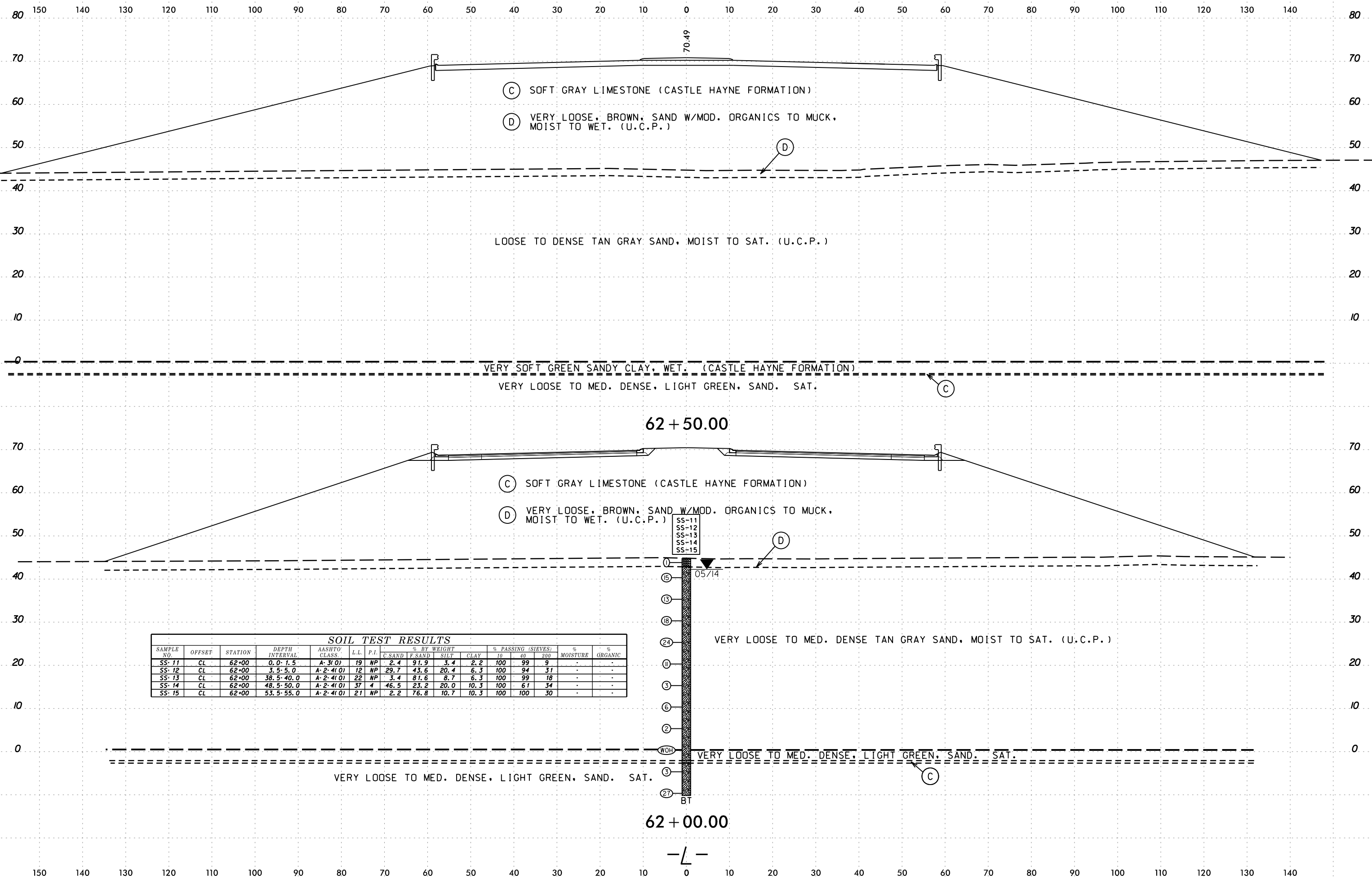
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							C SAND	F SAND	SILT	CLAY	10	40	200		
S-41	48 LT	58+00	3.0-4.5	A-2-4(0)	24	NP	24.9	53.3	17.8	4.0	100	94	24	-	6.5

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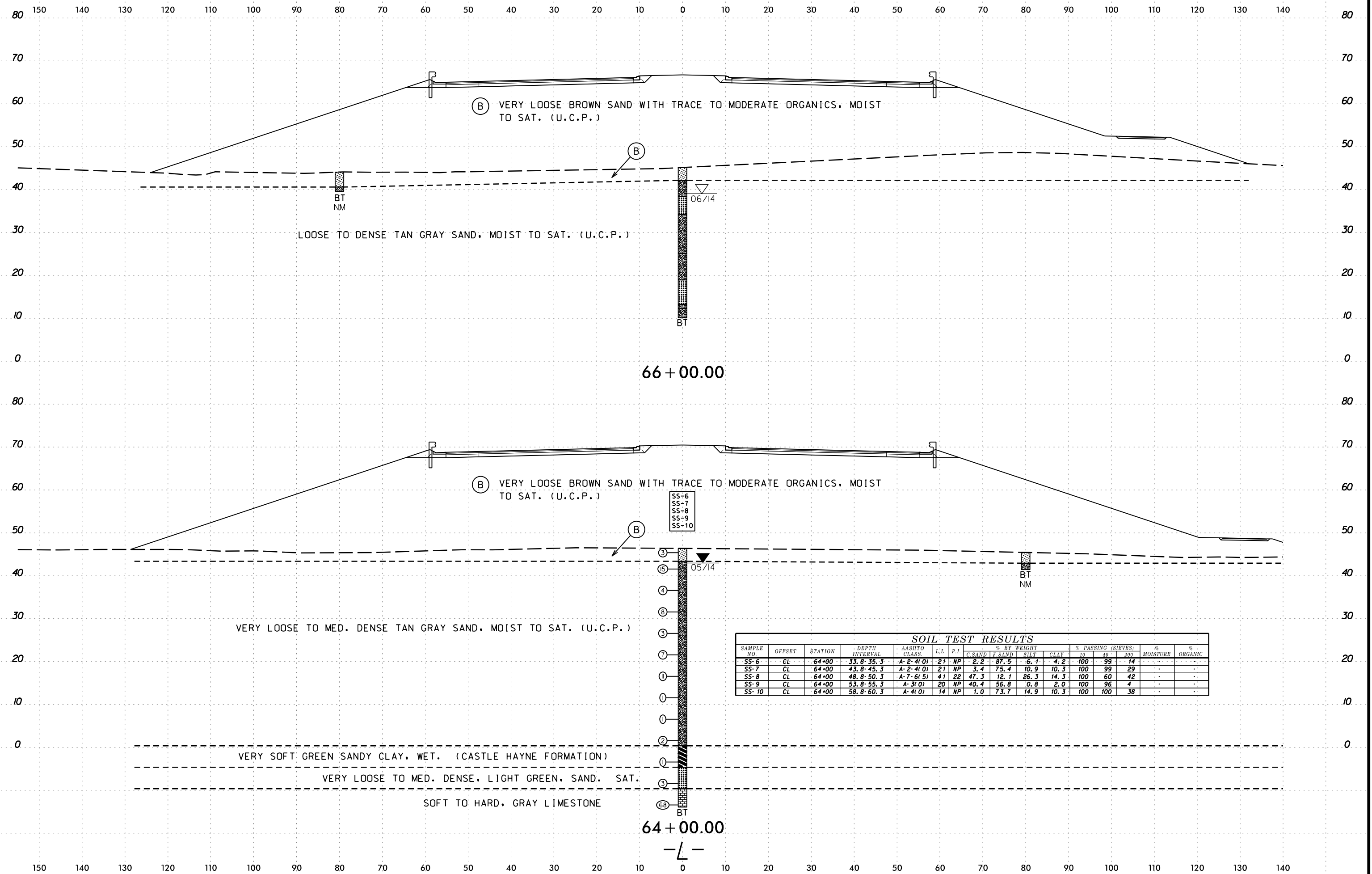




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							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-11	CL	62+00	0.0-1.5	A-3(0)	19	NP	2.4	91.9	3.4	2.2	100	99	9	-	-
SS-12	CL	62+00	3.5-5.0	A-2(40)	12	NP	29.7	43.6	20.4	6.3	100	94	31	-	-
SS-13	CL	62+00	38.5-40.0	A-2(40)	22	NP	3.4	81.6	8.7	6.3	100	99	18	-	-
SS-14	CL	62+00	48.5-50.0	A-2(40)	37	4	46.5	23.2	20.0	10.3	100	61	34	-	-
SS-15	CL	62+00	53.5-55.0	A-2(40)	21	NP	2.2	76.8	10.7	10.3	100	100	30	-	-

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(B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)

LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

(B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)

VERY LOOSE TO MED. DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

VERY SOFT GREEN SANDY CLAY, WET. (CASTLE HAYNE FORMATION)

VERY LOOSE TO MED. DENSE, LIGHT GREEN, SAND, SAT.

SOFT TO HARD, GRAY LIMESTONE

**SOIL TEST RESULTS**

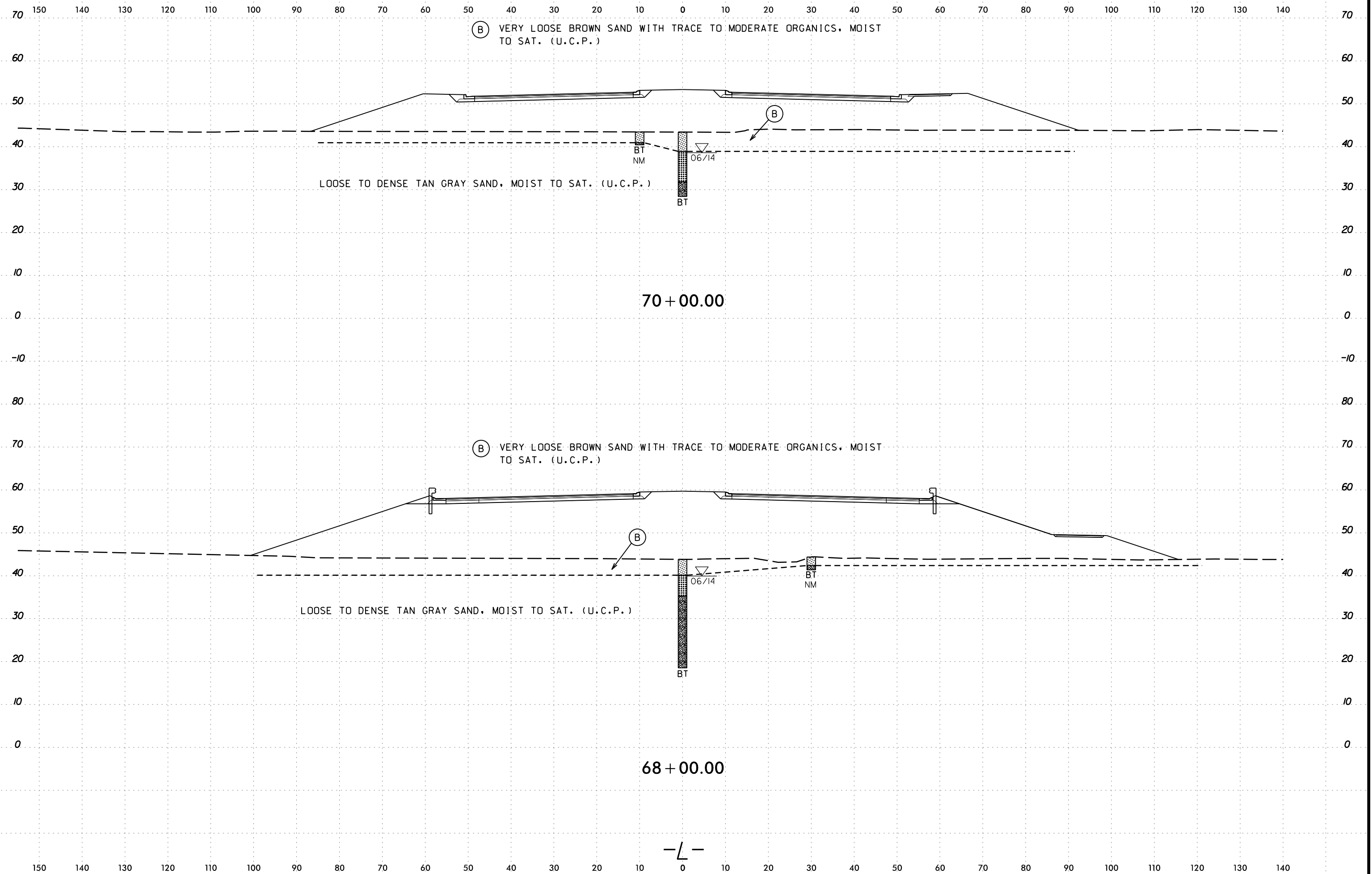
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							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-6	CL	64+00	33.8-35.3	A-2-4(0)	21	NP	2.2	87.5	6.1	4.2	100	99	14	-	-
SS-7	CL	64+00	43.8-45.3	A-2-4(0)	21	NP	3.4	75.4	10.9	10.3	100	99	29	-	-
SS-8	CL	64+00	48.8-50.3	A-7-6(5)	41	22	47.3	12.1	26.3	14.3	100	60	42	-	-
SS-9	CL	64+00	53.8-55.3	A-3(0)	20	NP	40.4	56.8	0.8	2.0	100	96	4	-	-
SS-10	CL	64+00	58.8-60.3	A-4(0)	14	NP	1.0	73.7	14.9	10.3	100	100	38	-	-

66 + 00.00

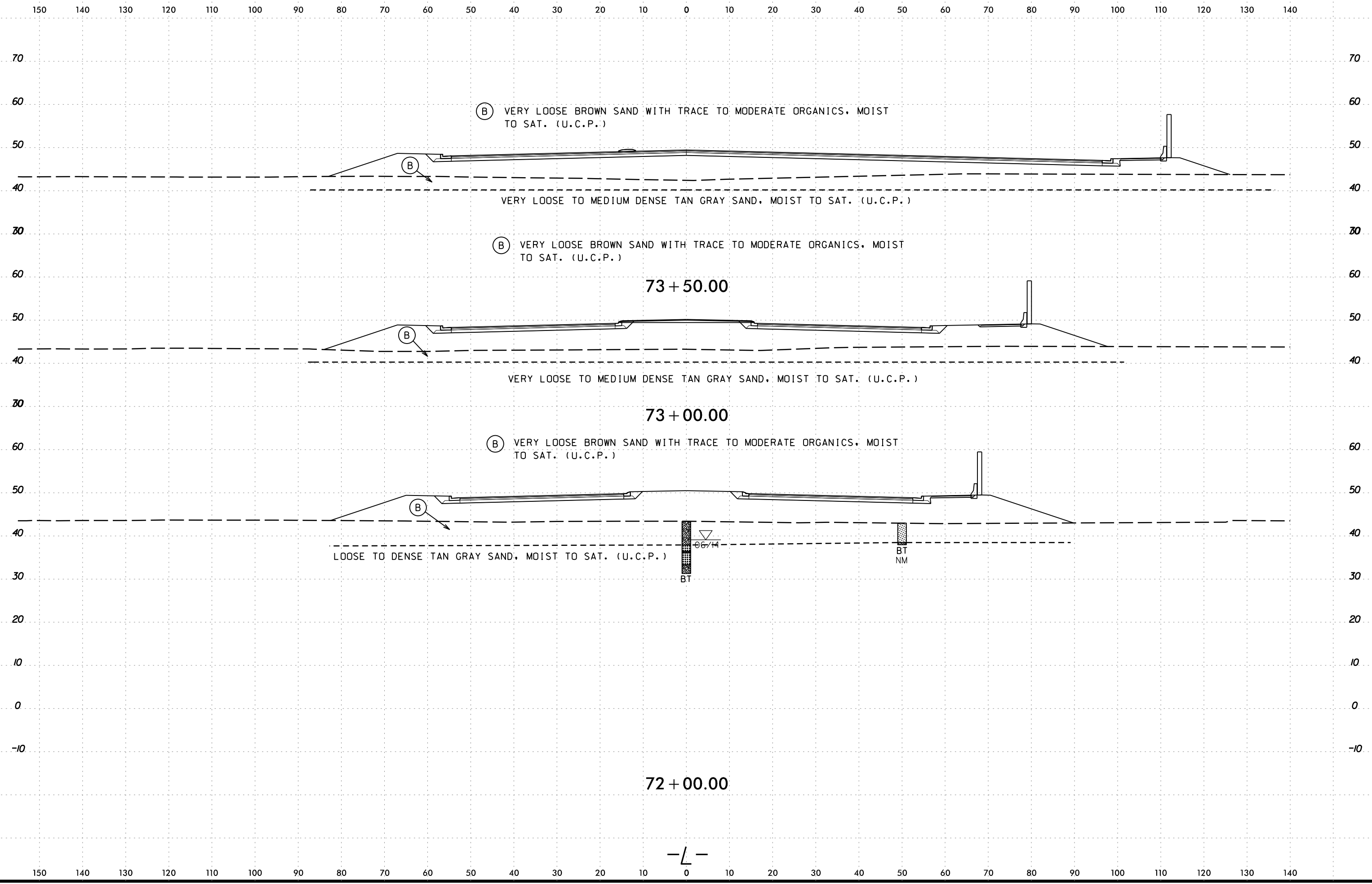
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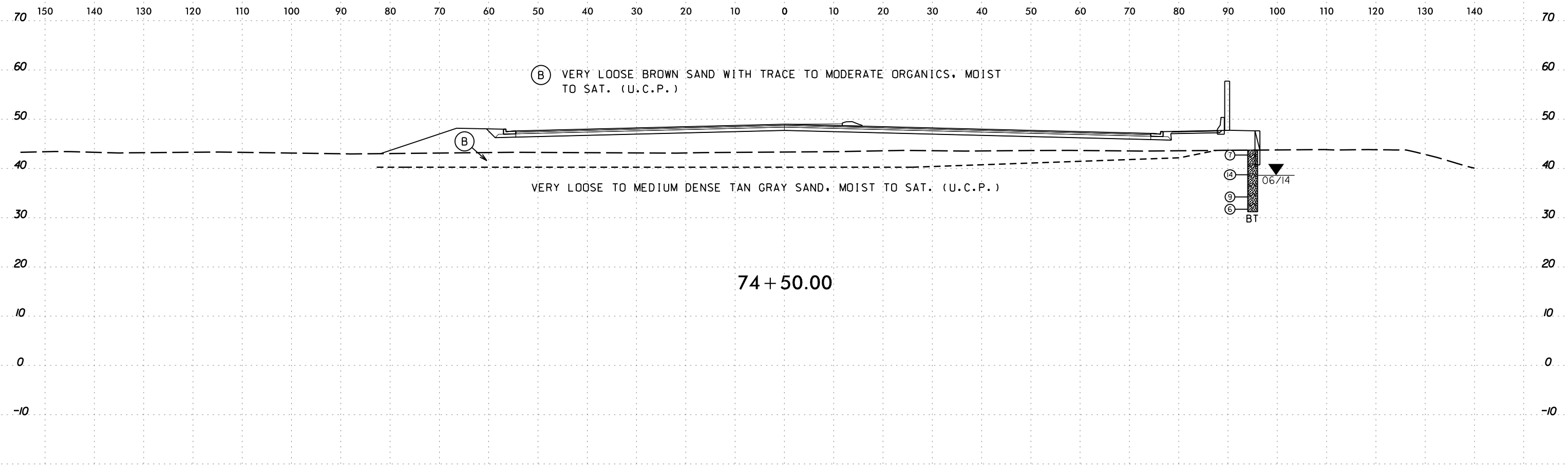
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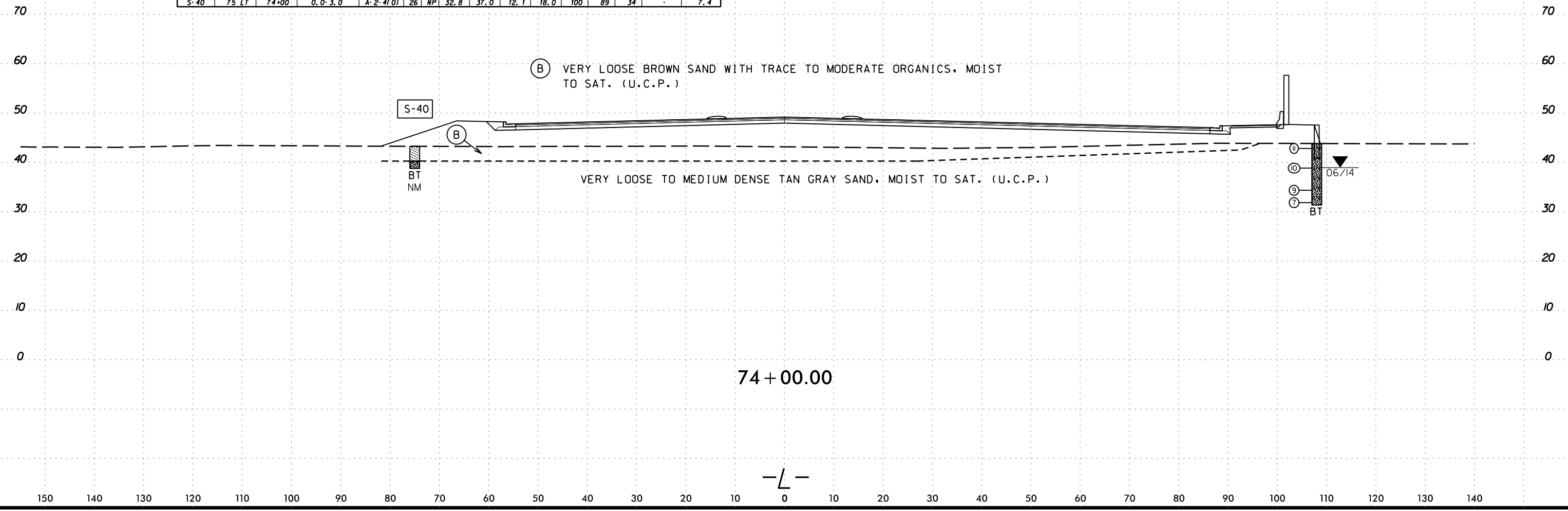


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74 + 50.00

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	40	40	200		
S-40	75 LT	74+00	0.0-3.0	A-2-4(0)	26	NP	32.8	37.0	12.1	18.0	100	89	34	-	7.4

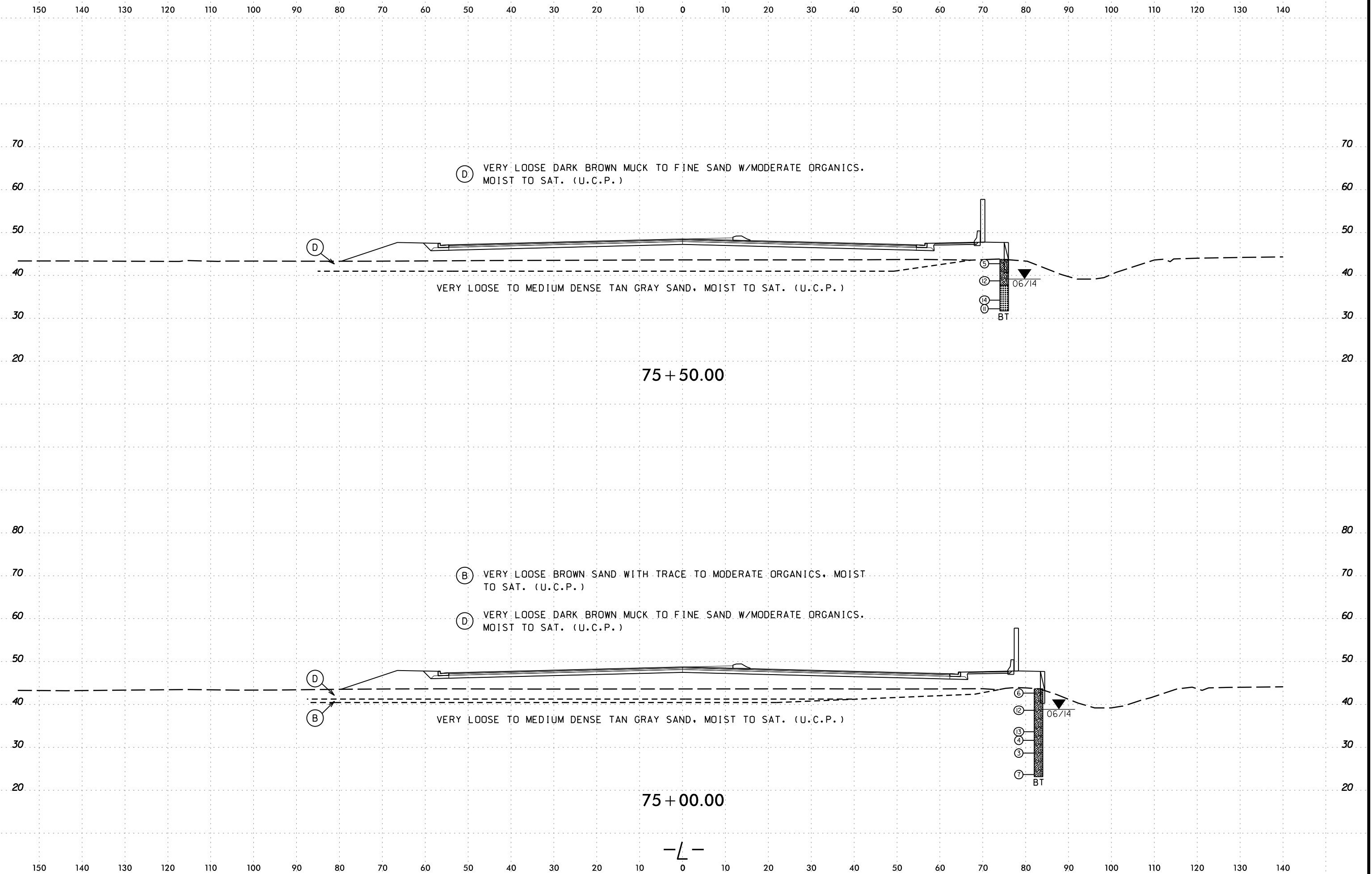


74 + 00.00

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(D) VERY LOOSE DARK BROWN MUCK TO FINE SAND W/MODERATE ORGANICS. MOIST TO SAT. (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

75 + 50.00

(B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)

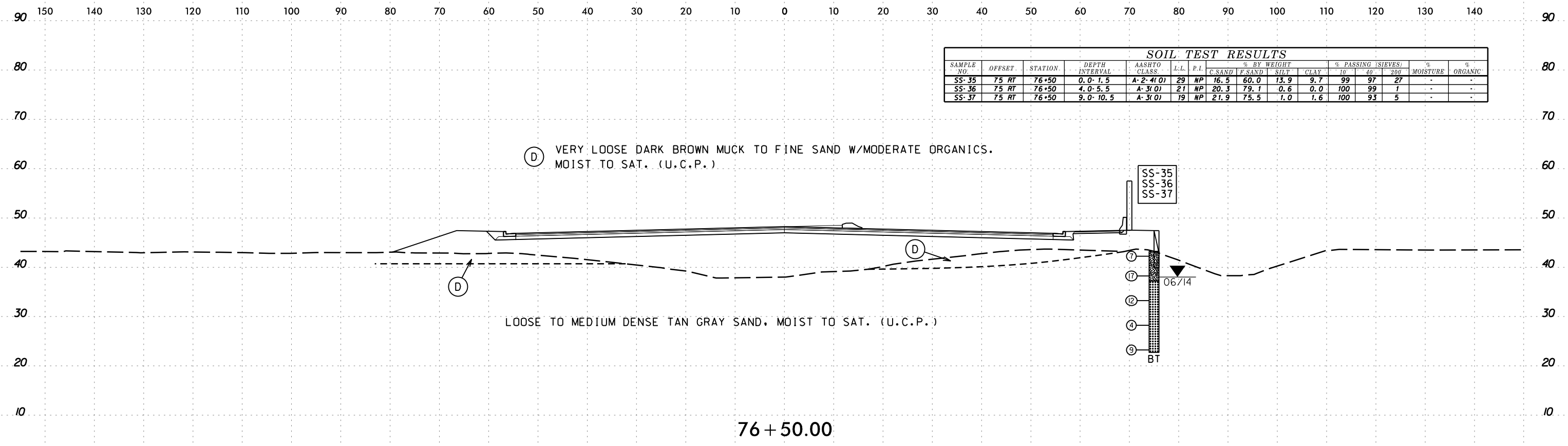
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VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

75 + 00.00

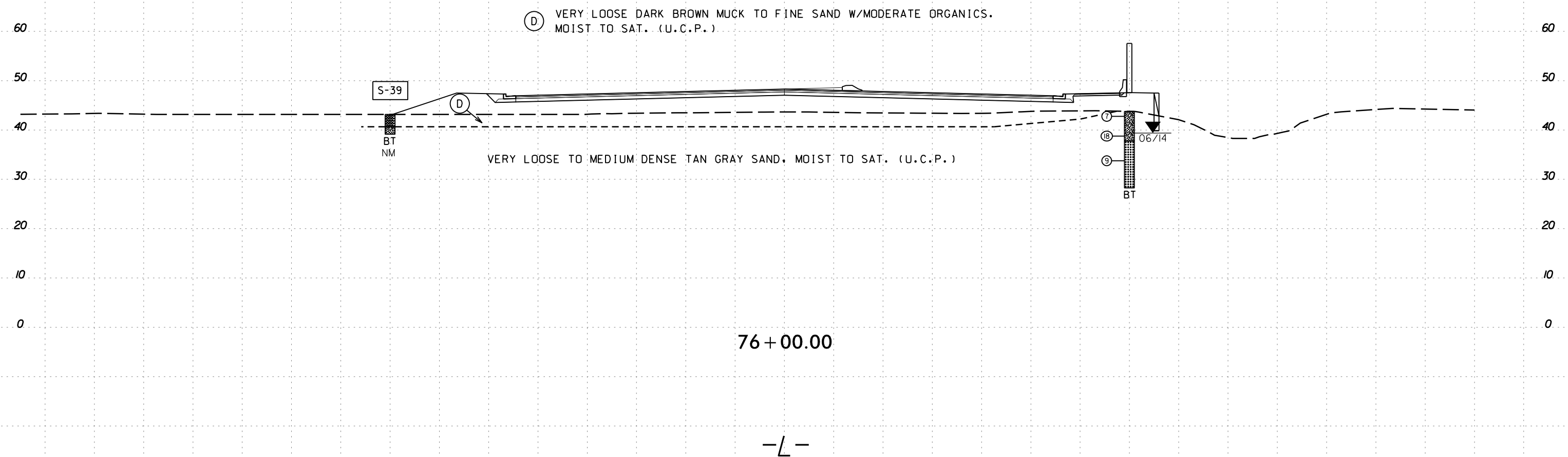
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SOIL TEST RESULTS															
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							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-35	75 RT	76+50	0.0-1.5	A-2-4(0)	29	NP	16.5	60.0	13.9	9.7	99	97	27	-	-
SS-36	75 RT	76+50	4.0-5.5	A-3(0)	21	NP	20.3	79.1	0.6	0.0	100	99	1	-	-
SS-37	75 RT	76+50	9.0-10.5	A-3(0)	19	NP	21.9	75.5	1.0	1.6	100	93	5	-	-



76 + 50.00

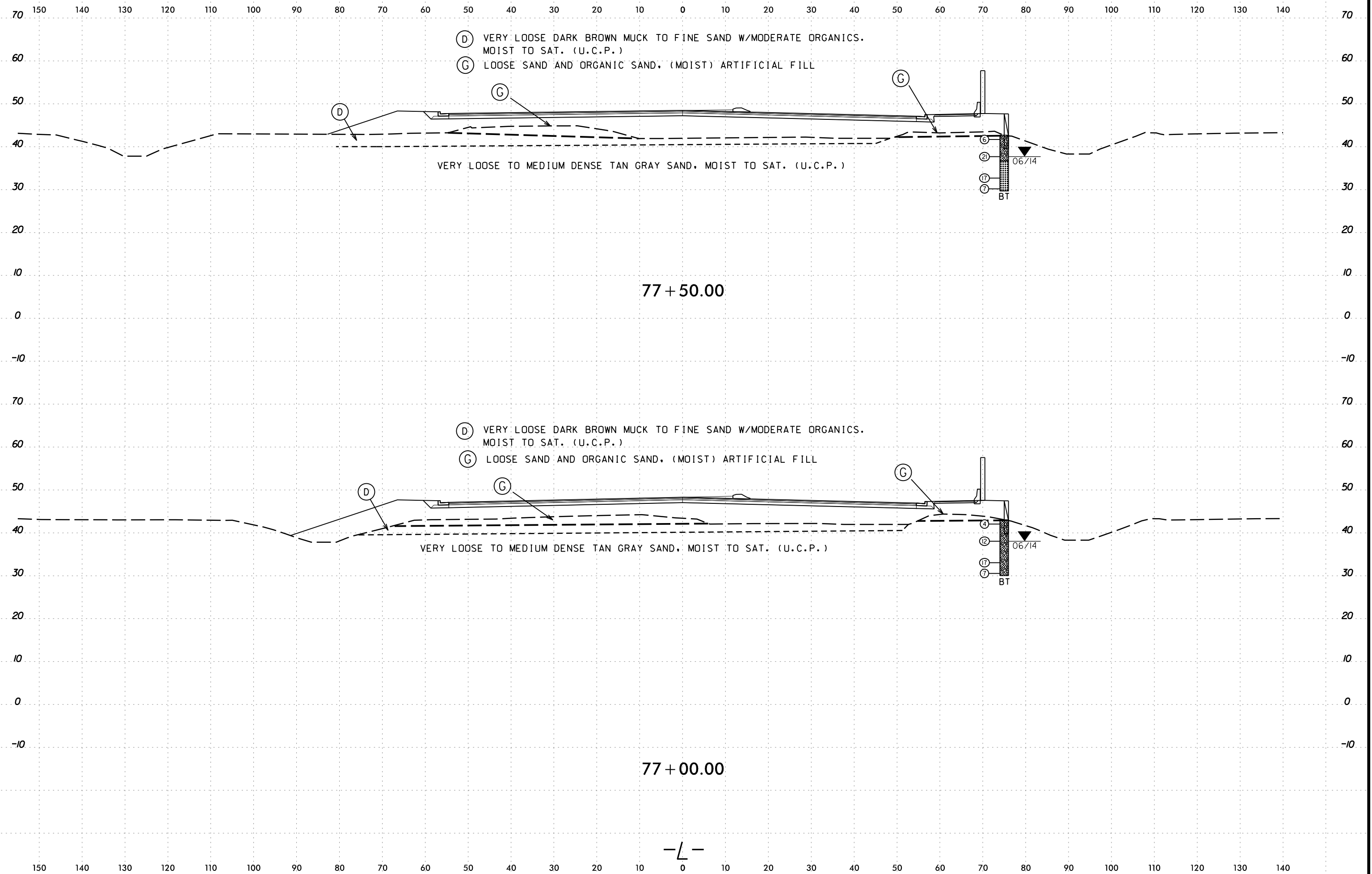
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SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-39	80 LT	76+00	0.0-2.5	A-2-4(0)	36	NP	41.8	30.0	22.1	6.0	100	83	31	-	10.9



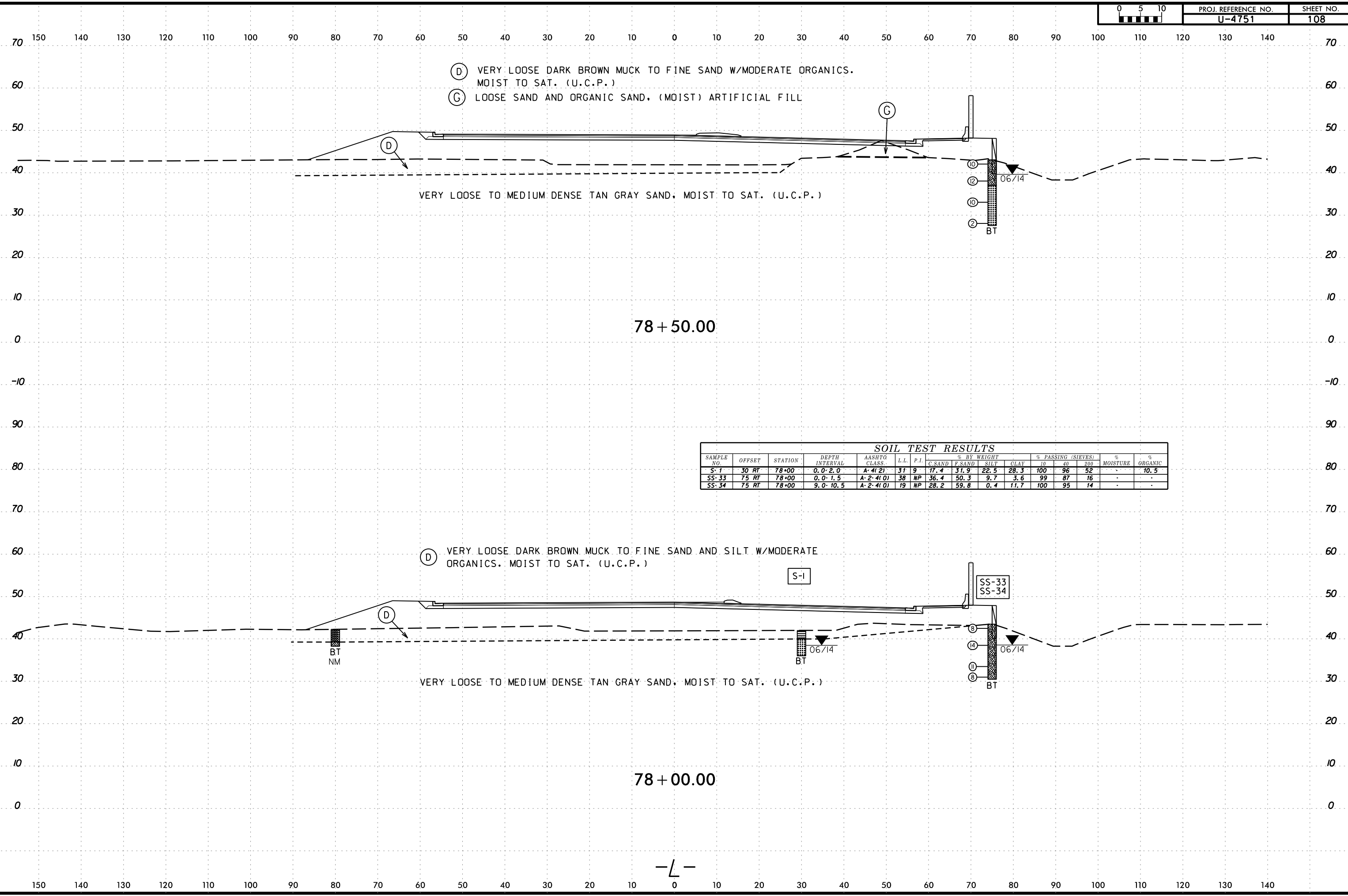
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(D) VERY LOOSE DARK BROWN MUCK TO FINE SAND W/MODERATE ORGANICS. MOIST TO SAT. (U.C.P.)  
 (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

78 + 50.00

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-1	30 RT	78+00	0.0-2.0	A-4(2)	31	9	17.4	31.3	22.5	28.3	100	96	52	-	10.5
SS-33	75 RT	78+00	0.0-1.5	A-2-4(0)	38	NP	36.4	50.3	9.7	3.6	99	87	16	-	-
SS-34	75 RT	78+00	9.0-10.5	A-2-4(0)	19	NP	28.2	59.8	0.4	11.7	100	95	14	-	-

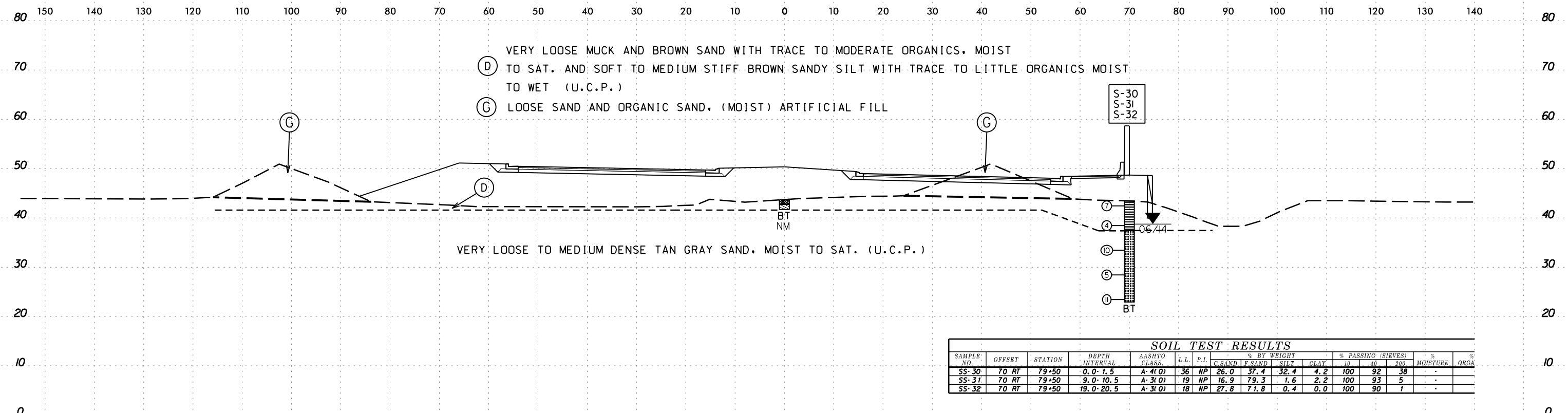
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VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

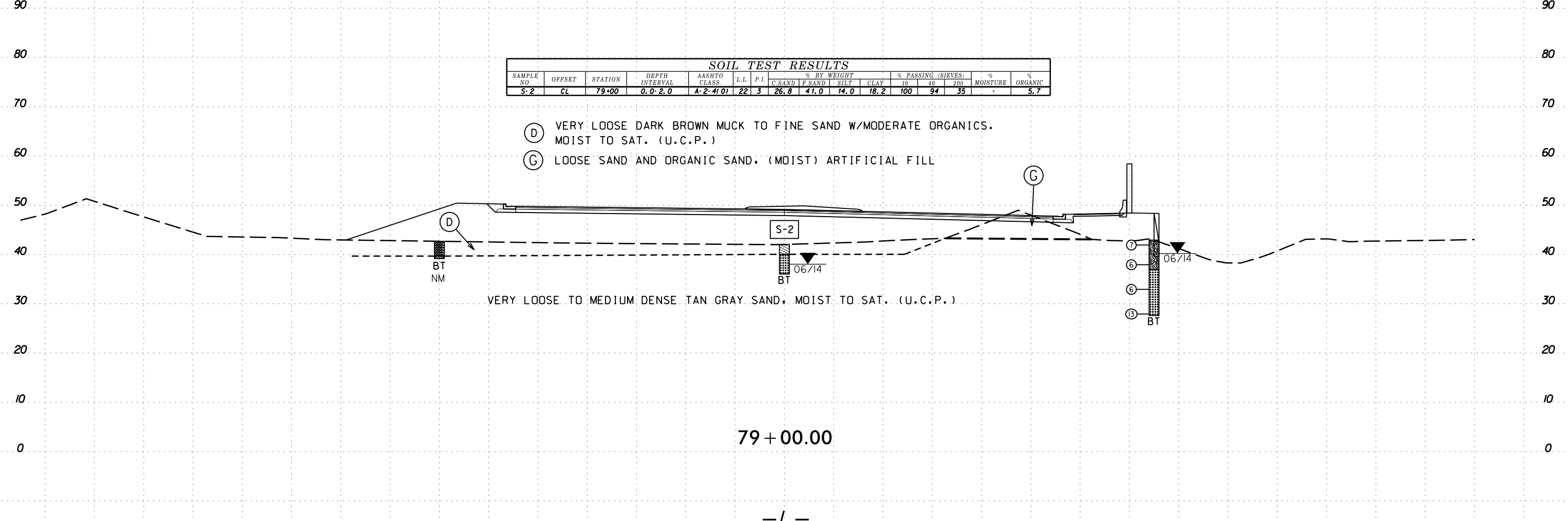
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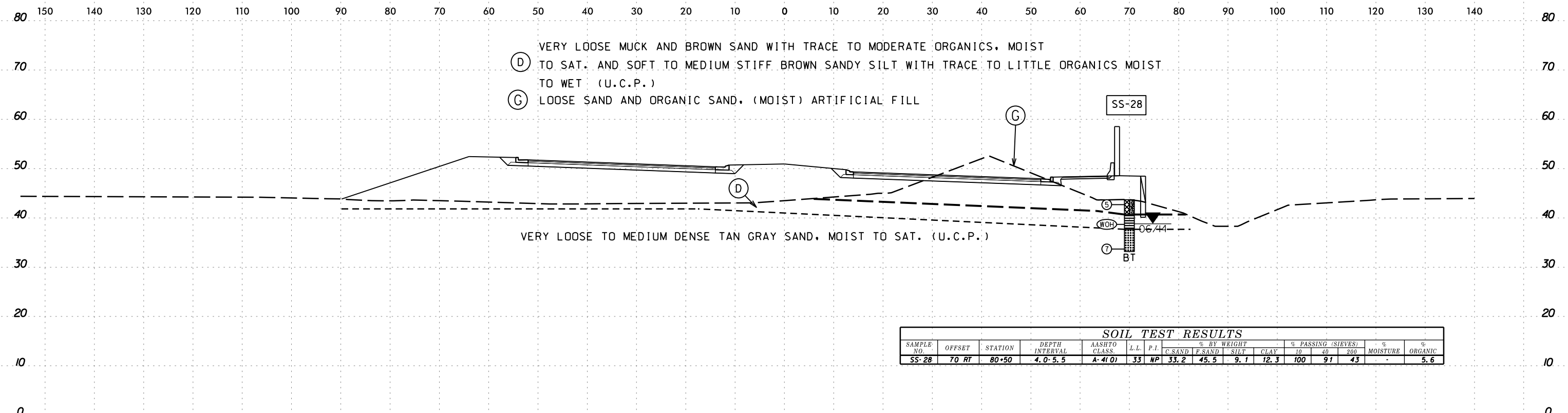
79 + 50.00



79 + 00.00

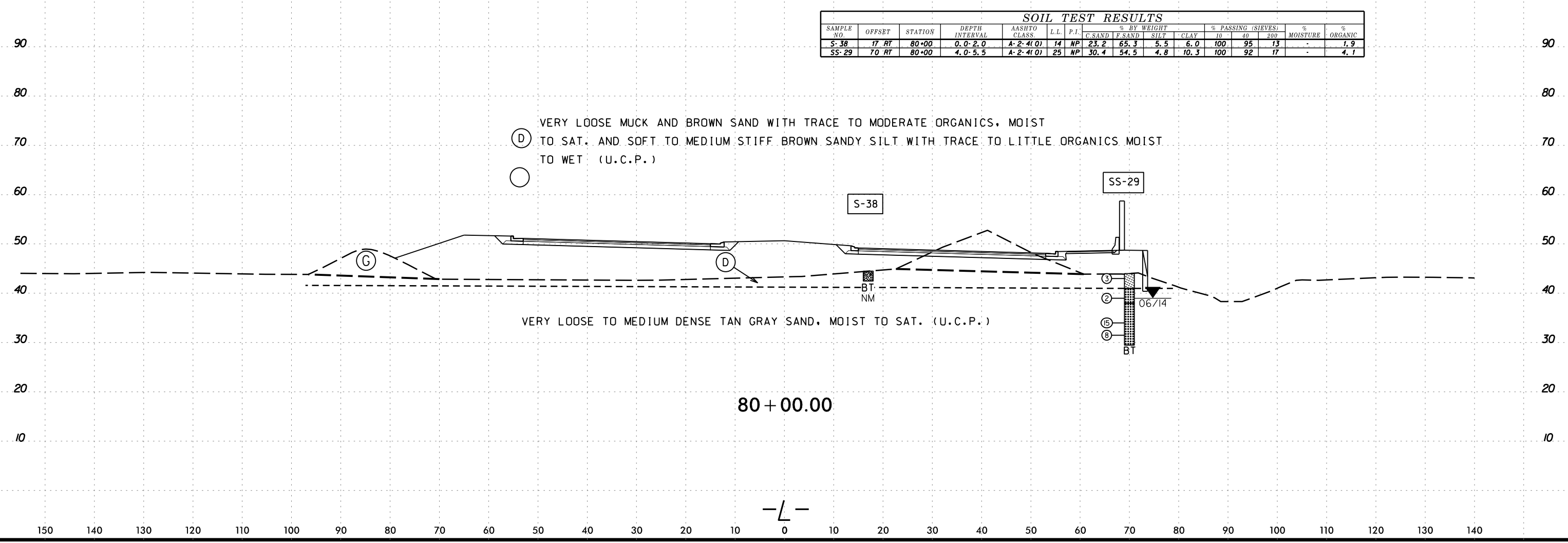
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-28	70 RT	80+50	4.0-5.5	A-4(0)	33	NP	33.2	45.5	9.1	12.3	100	91	43	-	5.6

80 + 50.00

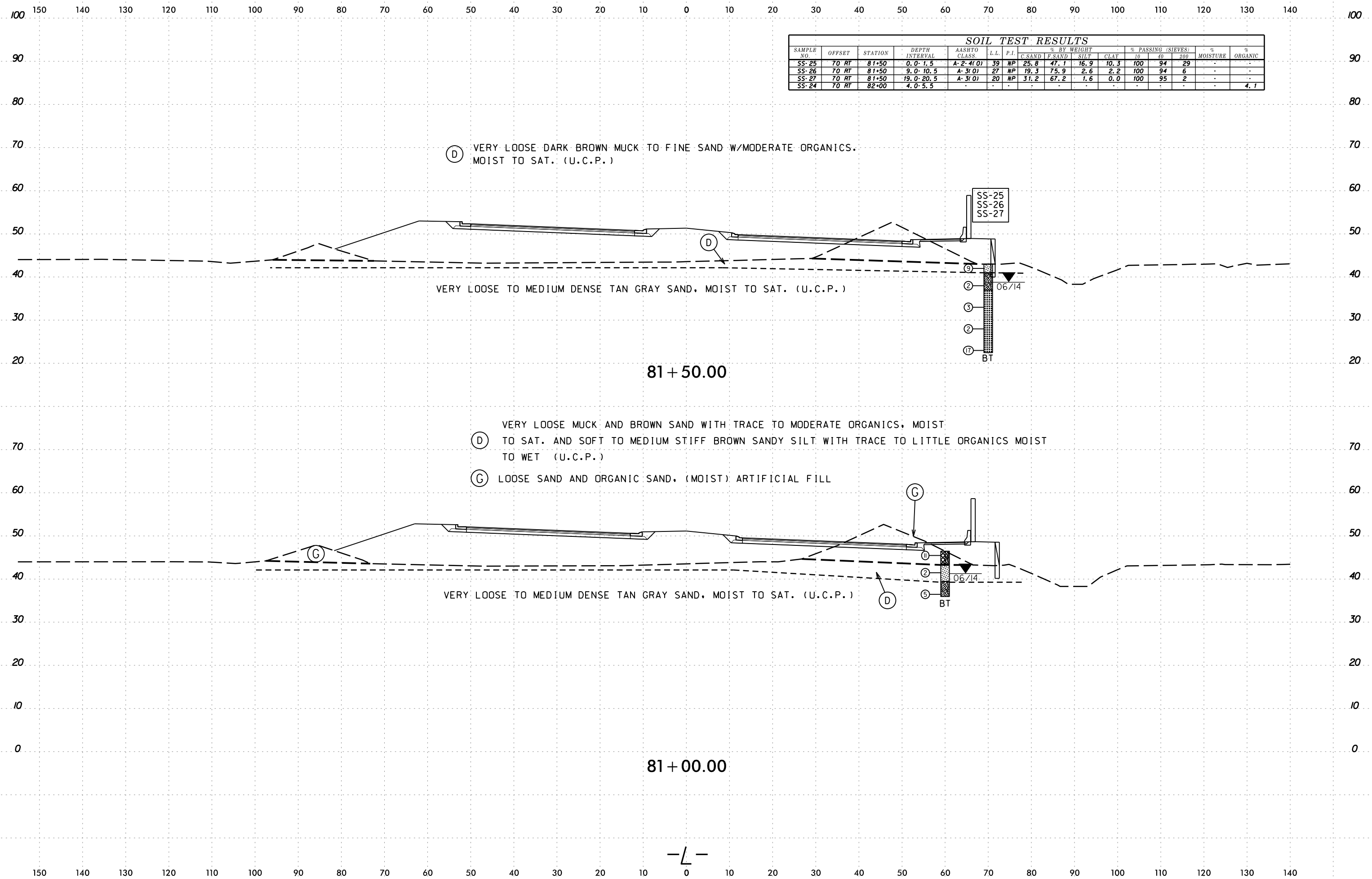


SOIL TEST RESULTS															
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							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-38	17 RT	80+00	0.0-2.0	A-2(4(0)	14	NP	23.2	65.3	5.5	6.0	100	95	13	-	1.9
SS-29	70 RT	80+00	4.0-5.5	A-2(4(0)	25	NP	30.4	54.5	4.8	10.3	100	92	17	-	4.1

80 + 00.00

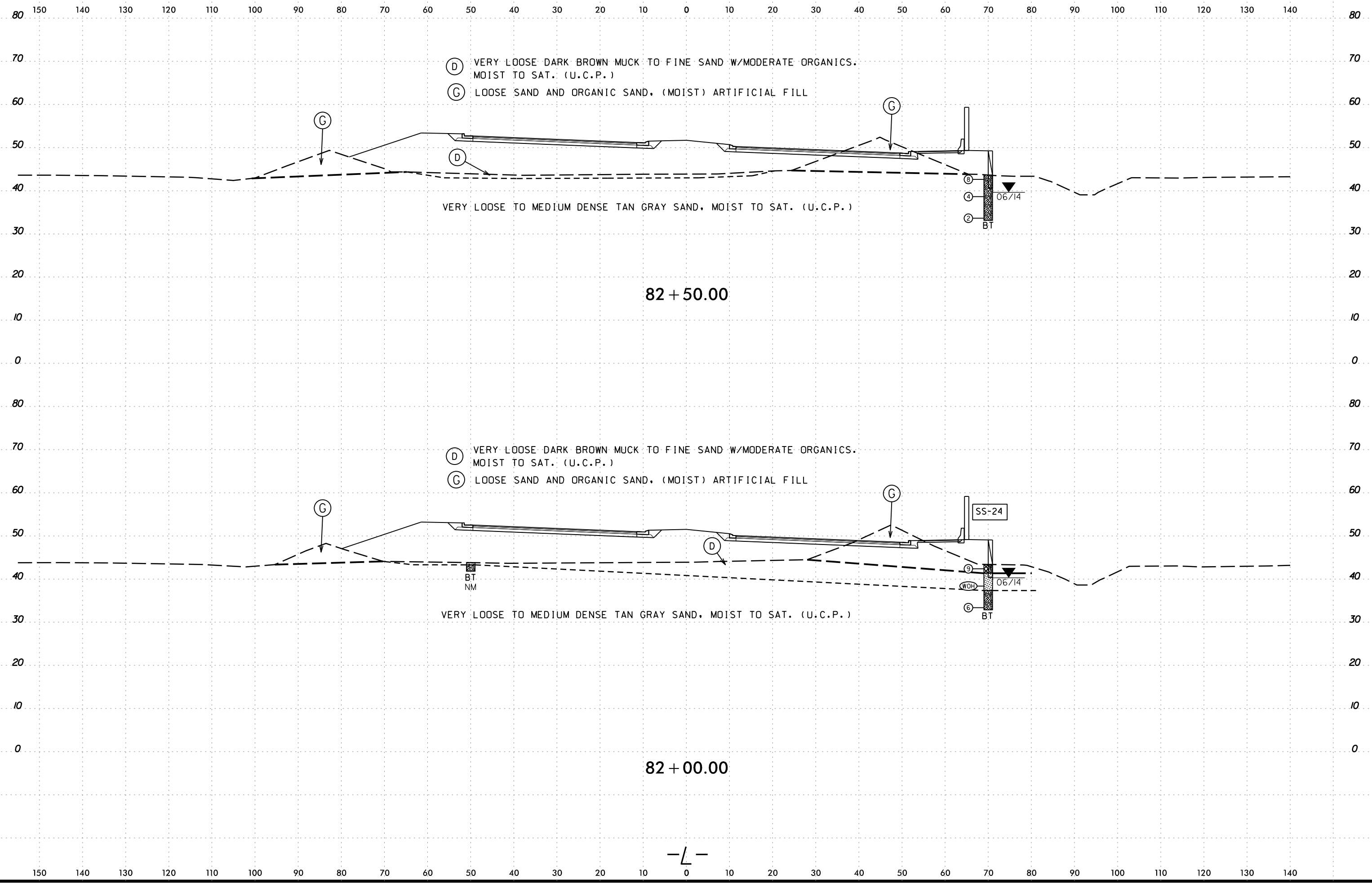
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SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							G.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-25	70 RT	81+50	0.0-1.5	A-2-4(0)	39	NP	25.8	47.1	16.9	10.3	100	94	29	-	-
SS-26	70 RT	81+50	9.0-10.5	A-3(0)	27	NP	19.3	75.9	2.6	2.2	100	94	6	-	-
SS-27	70 RT	81+50	19.0-20.5	A-3(0)	20	NP	31.2	67.2	1.6	0.0	100	95	2	-	-
SS-24	70 RT	82+00	4.0-5.5	-	-	-	-	-	-	-	-	-	-	-	4.1



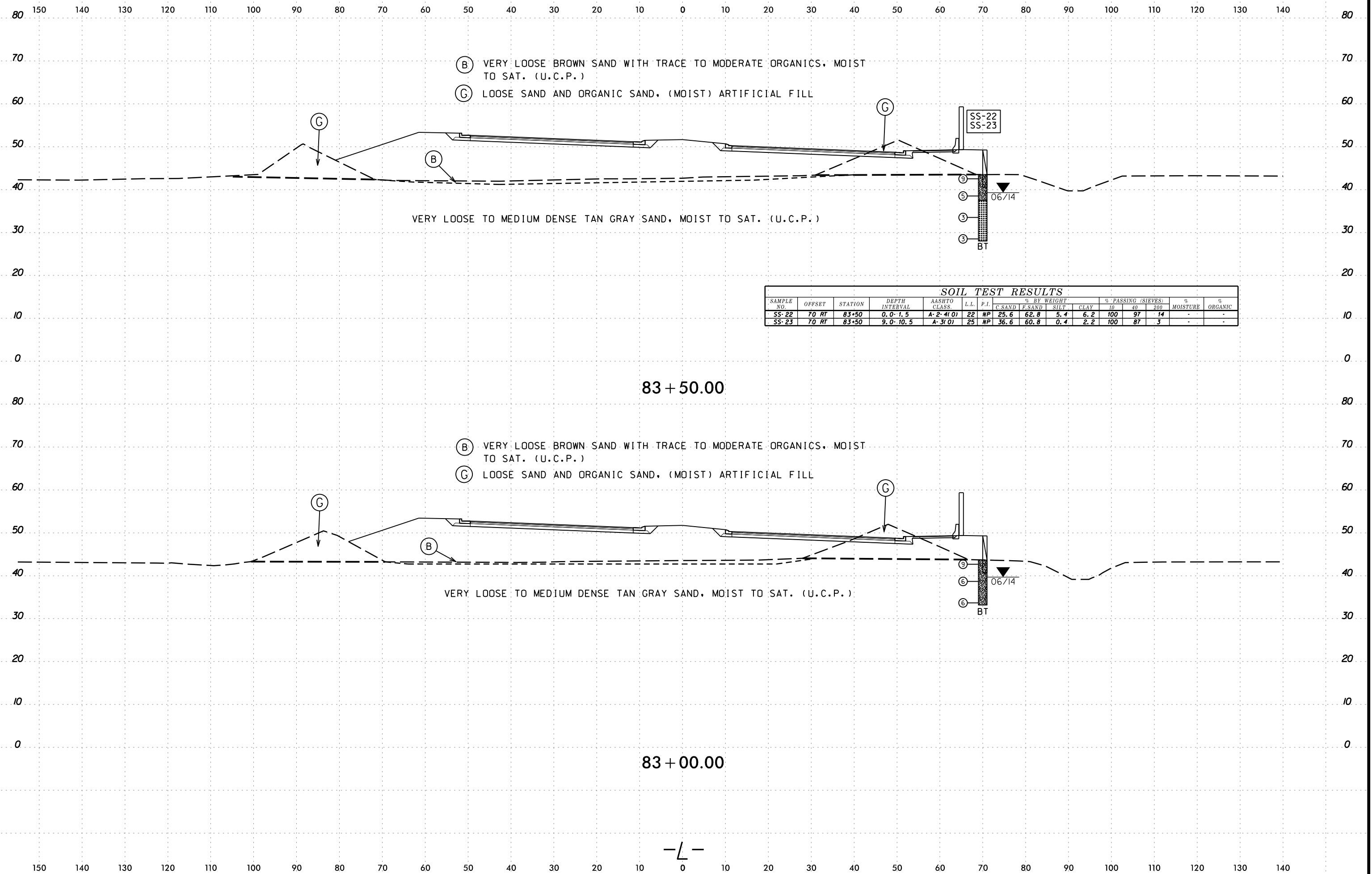
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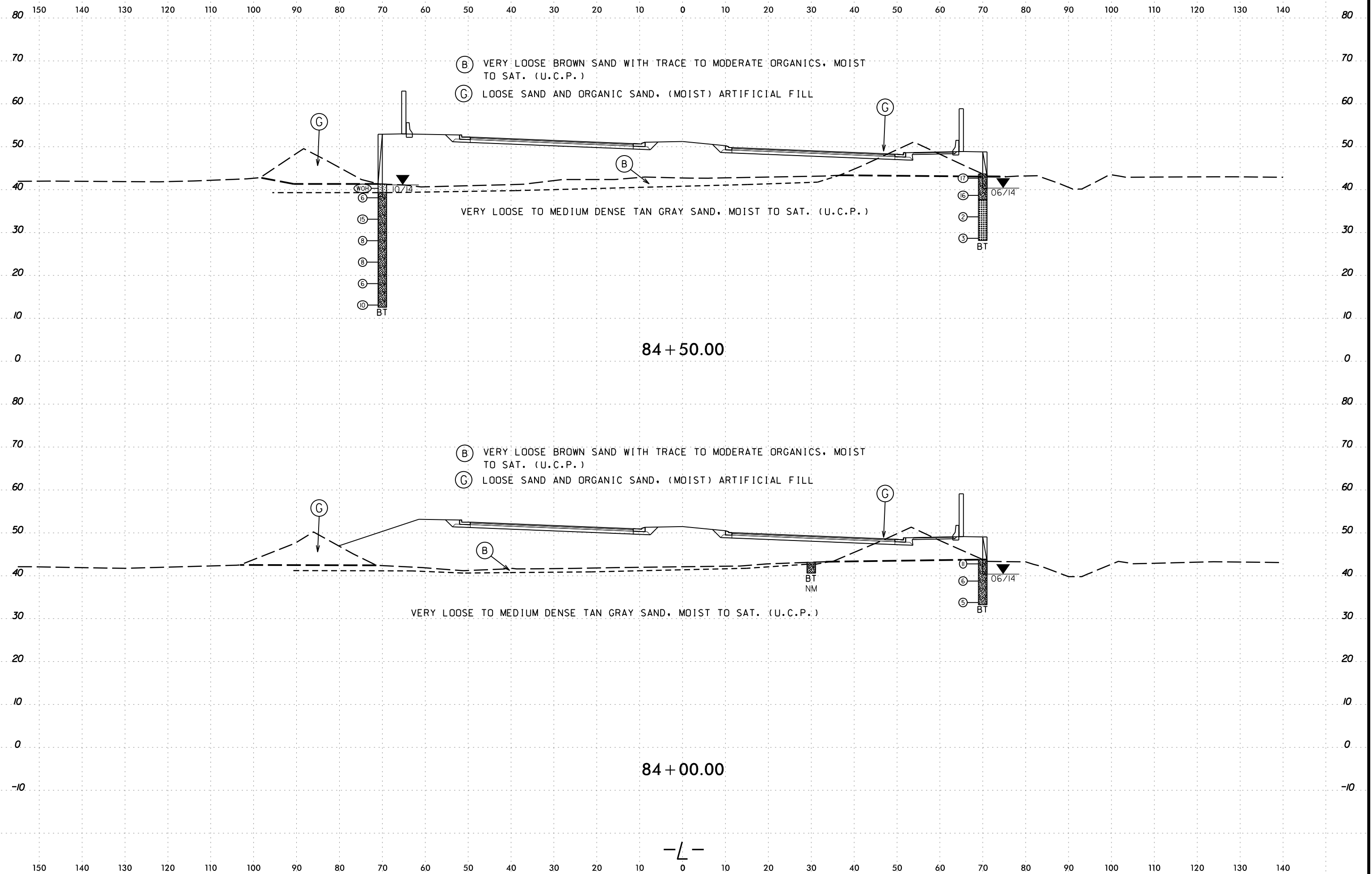




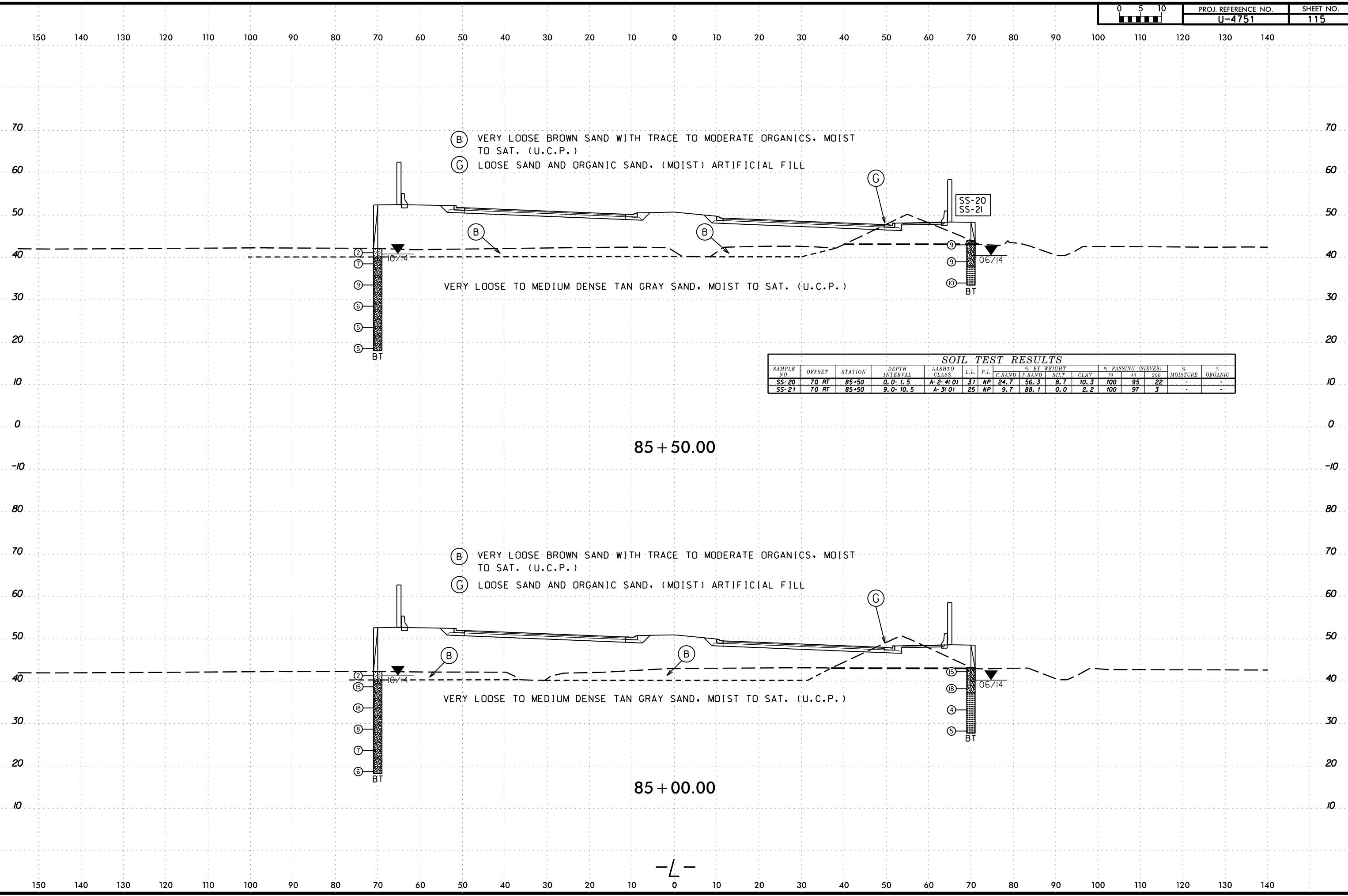
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(B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)  
 (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

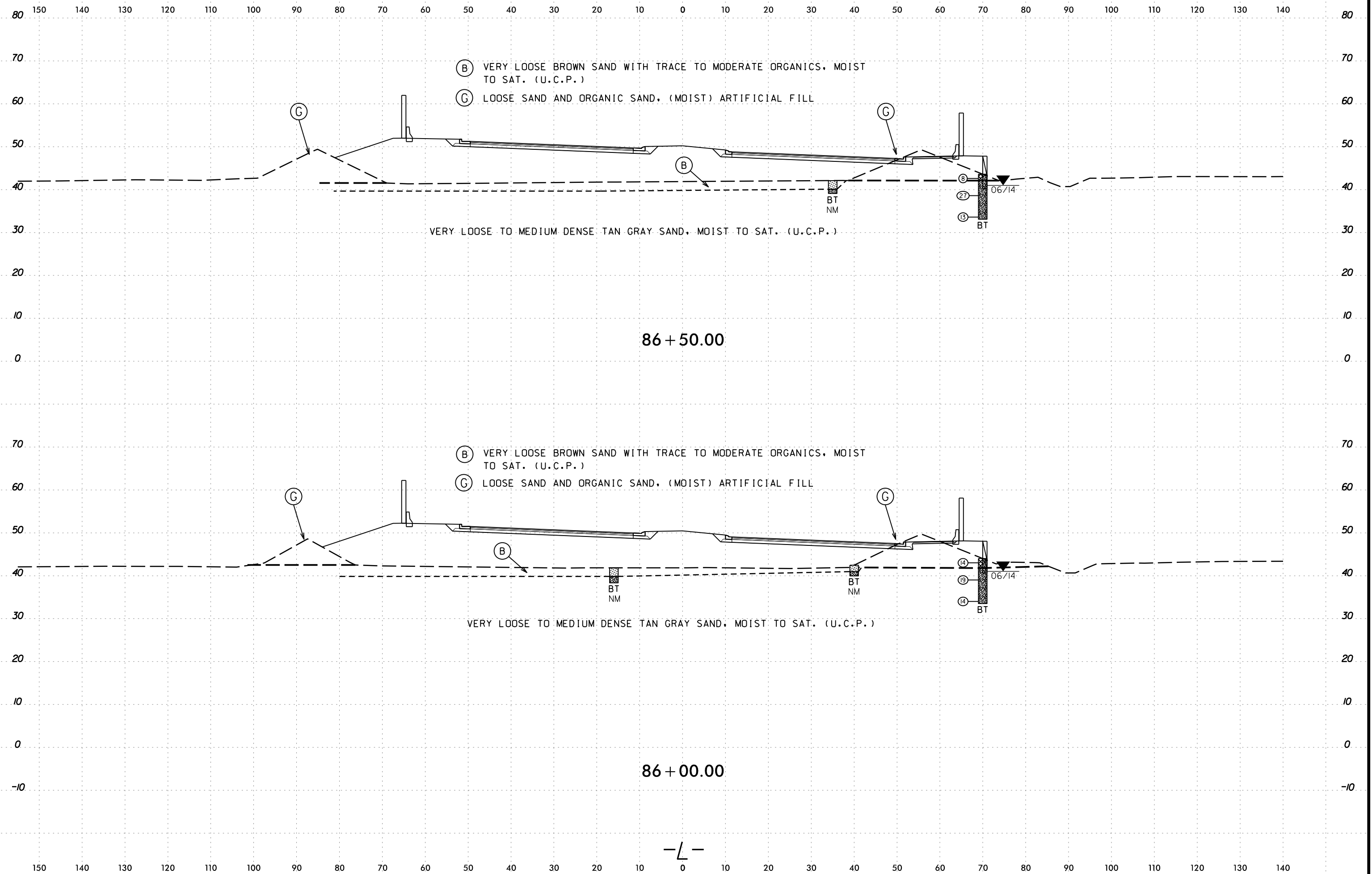
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							C. SAND	F. SAND	SILT	CLAY	10	40		
SS-20	70 RT	85+50	0.0-1.5	A-2-4(0)	31	NP	24.7	56.3	8.7	10.3	100	95	22	-
SS-21	70 RT	85+50	9.0-10.5	A-3(0)	25	NP	9.7	88.1	0.0	2.2	100	97	3	-

85 + 50.00

85 + 00.00

-L-

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DICKERSON

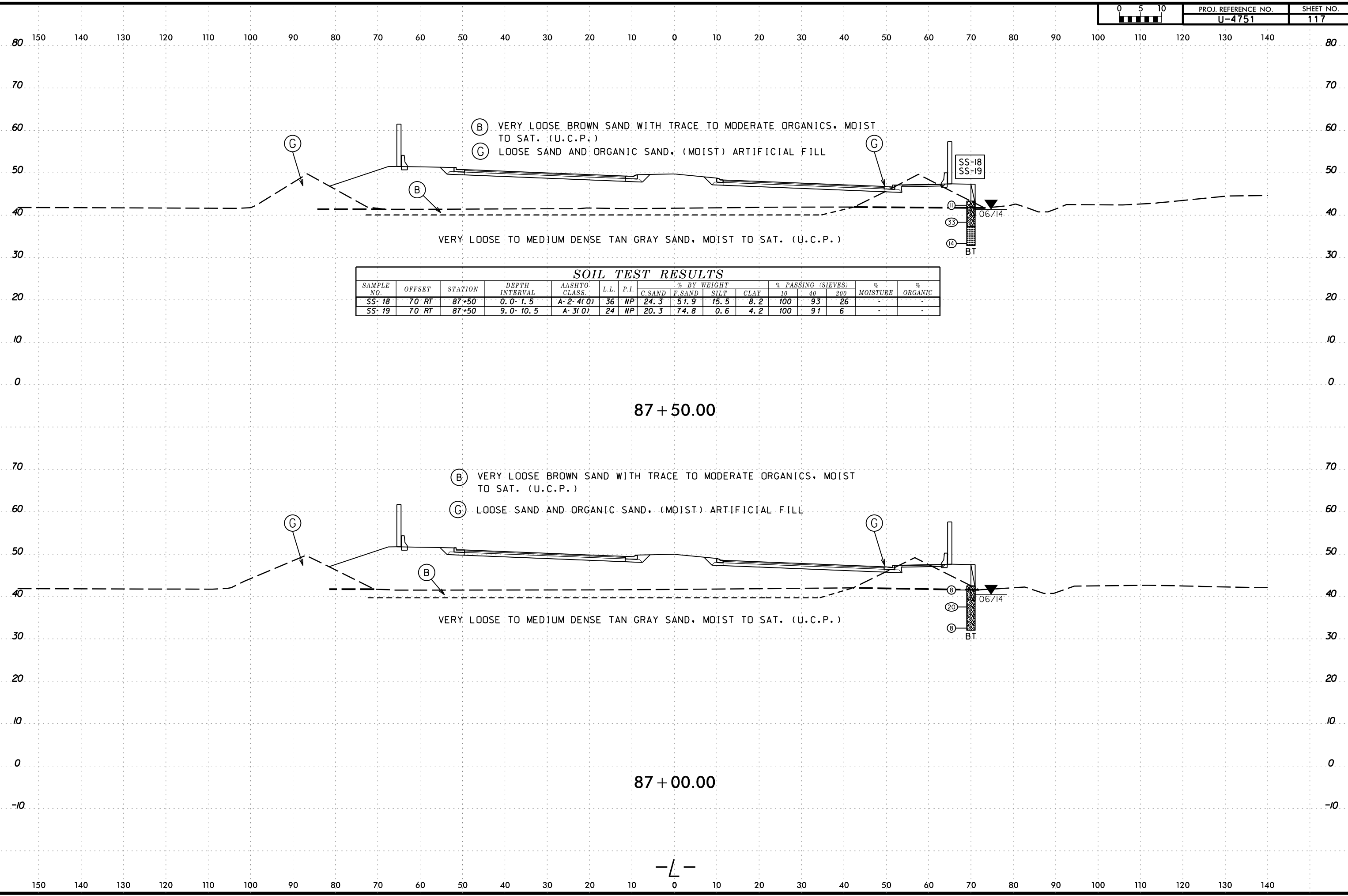


86 + 50.00

86 + 00.00

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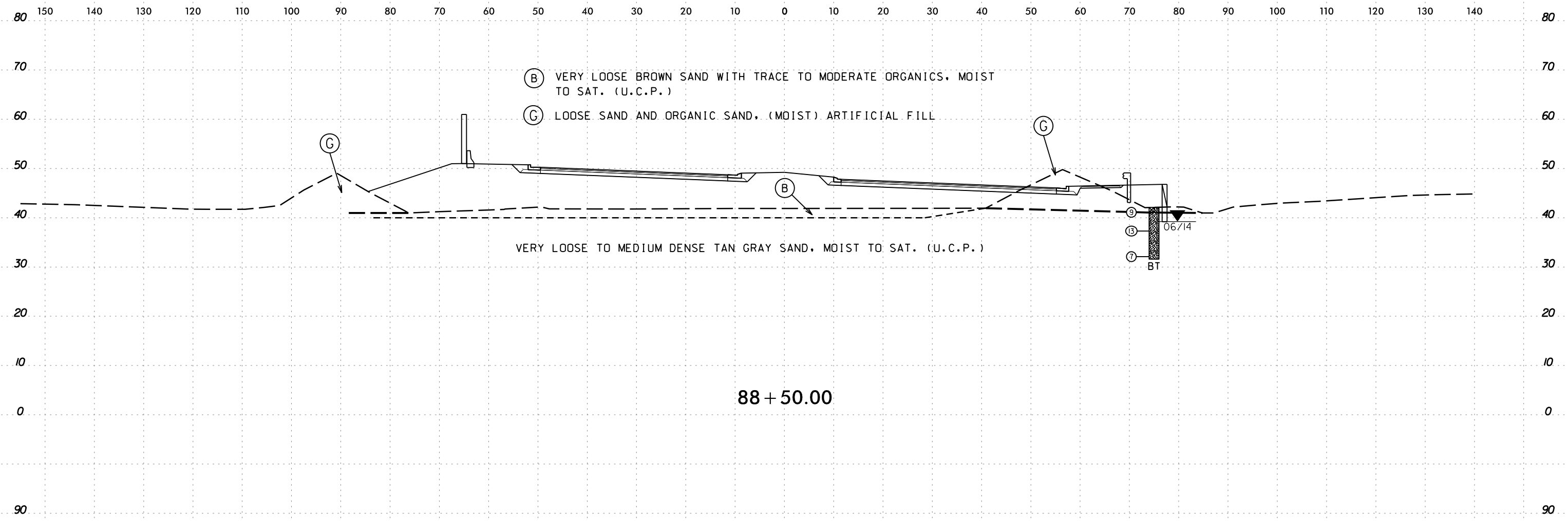
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							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-18	70 RT	87+50	0.0-1.5	A-2-4(0)	36	NP	24.3	51.9	15.5	8.2	100	93	26	-	-
SS-19	70 RT	87+50	9.0-10.5	A-3(0)	24	NP	20.3	74.8	0.6	4.2	100	91	6	-	-

87 + 50.00

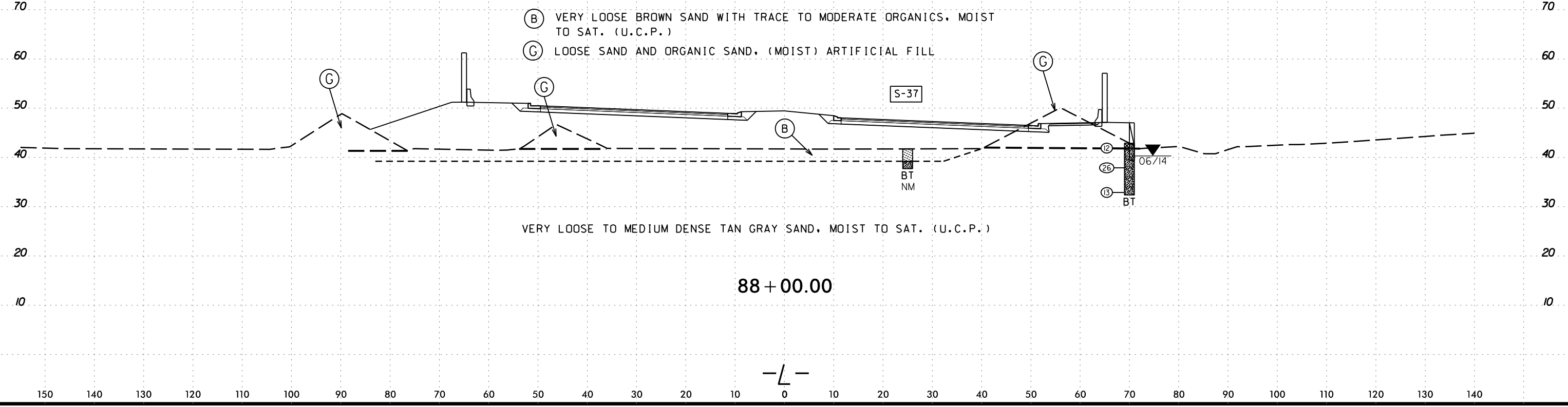
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SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
SS-18	70 RT	87+50	0.0-1.5	A-2-4(0)	36	NP	24.3	51.9	15.5	8.2	100	93	26	-	-
SS-19	70 RT	87+50	9.0-10.5	A-3(0)	24	NP	20.3	74.8	0.6	4.2	100	91	6	-	-
S-37	25 RT	88+00	0.0-2.5	A-2-4(0)	27	NP	18.2	51.3	12.5	18.0	100	95	32	-	6.4

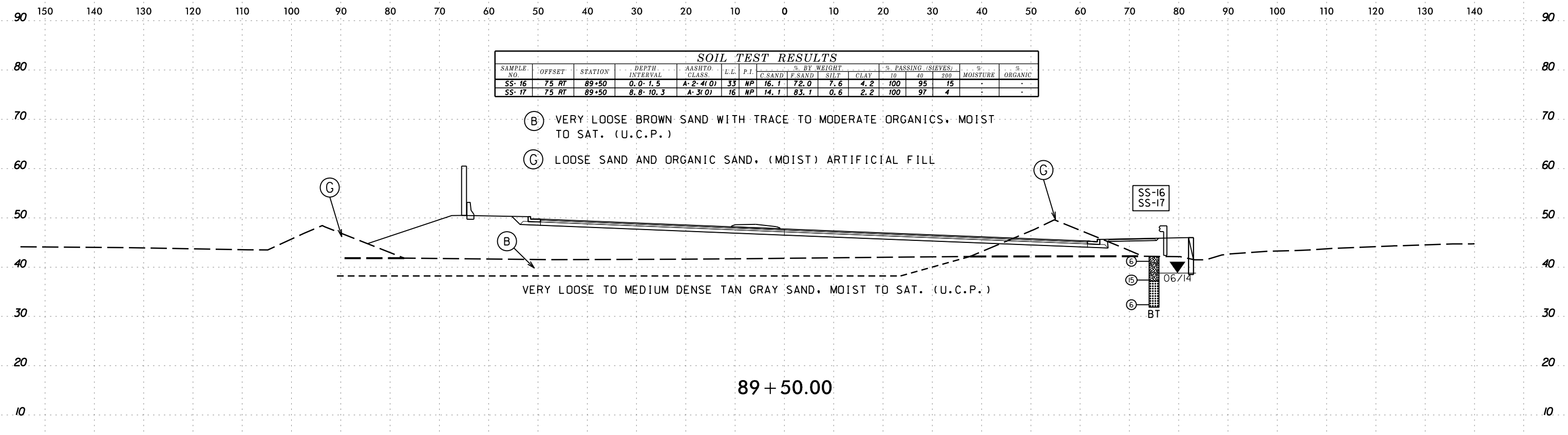


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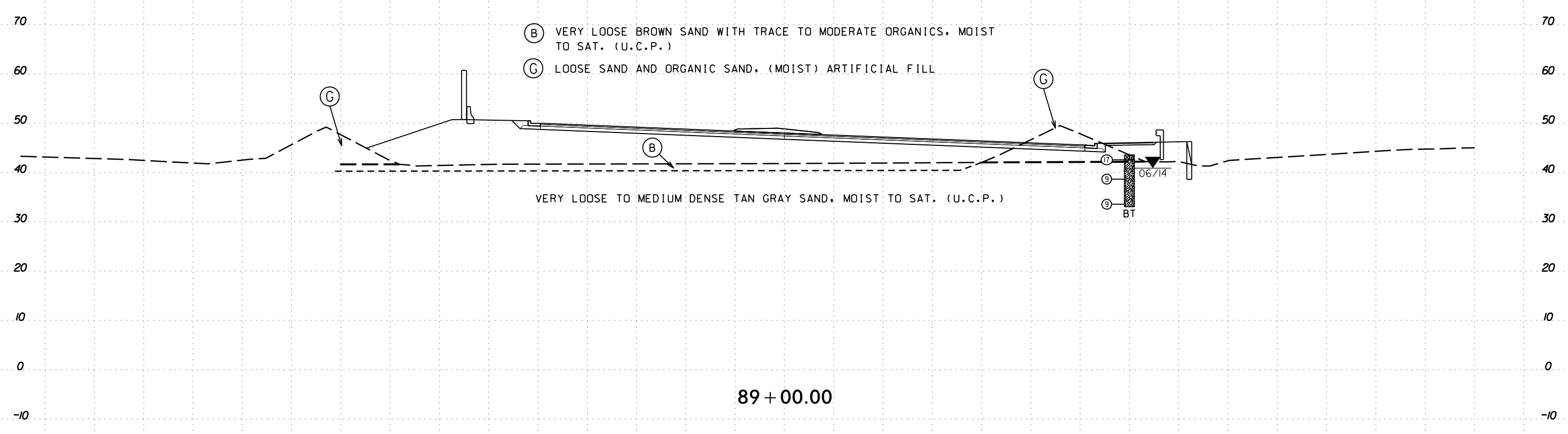
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
SS-16	75 RT	89+50	0.0-1.5	A-2-4(0)	33	NP	C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-16	75 RT	89+50	0.0-1.5	A-2-4(0)	33	NP	16.1	72.0	7.6	4.2	100	95	15		
SS-17	75 RT	89+50	8.8-10.3	A-3(0)	16	NP	14.1	83.1	0.6	2.2	100	97	4		

- (B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)
- (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL



89 + 50.00

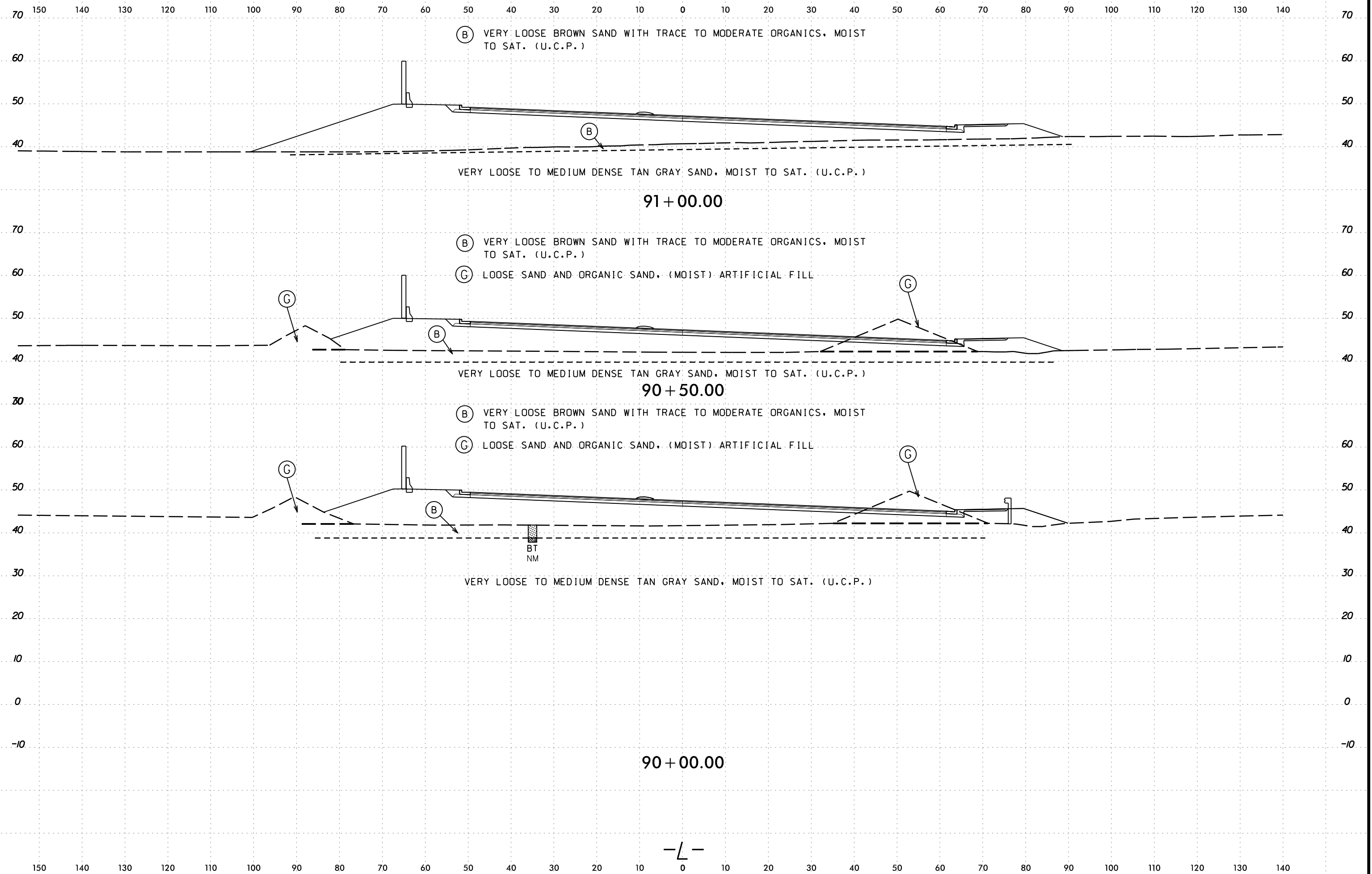
- (B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)
- (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL



89 + 00.00

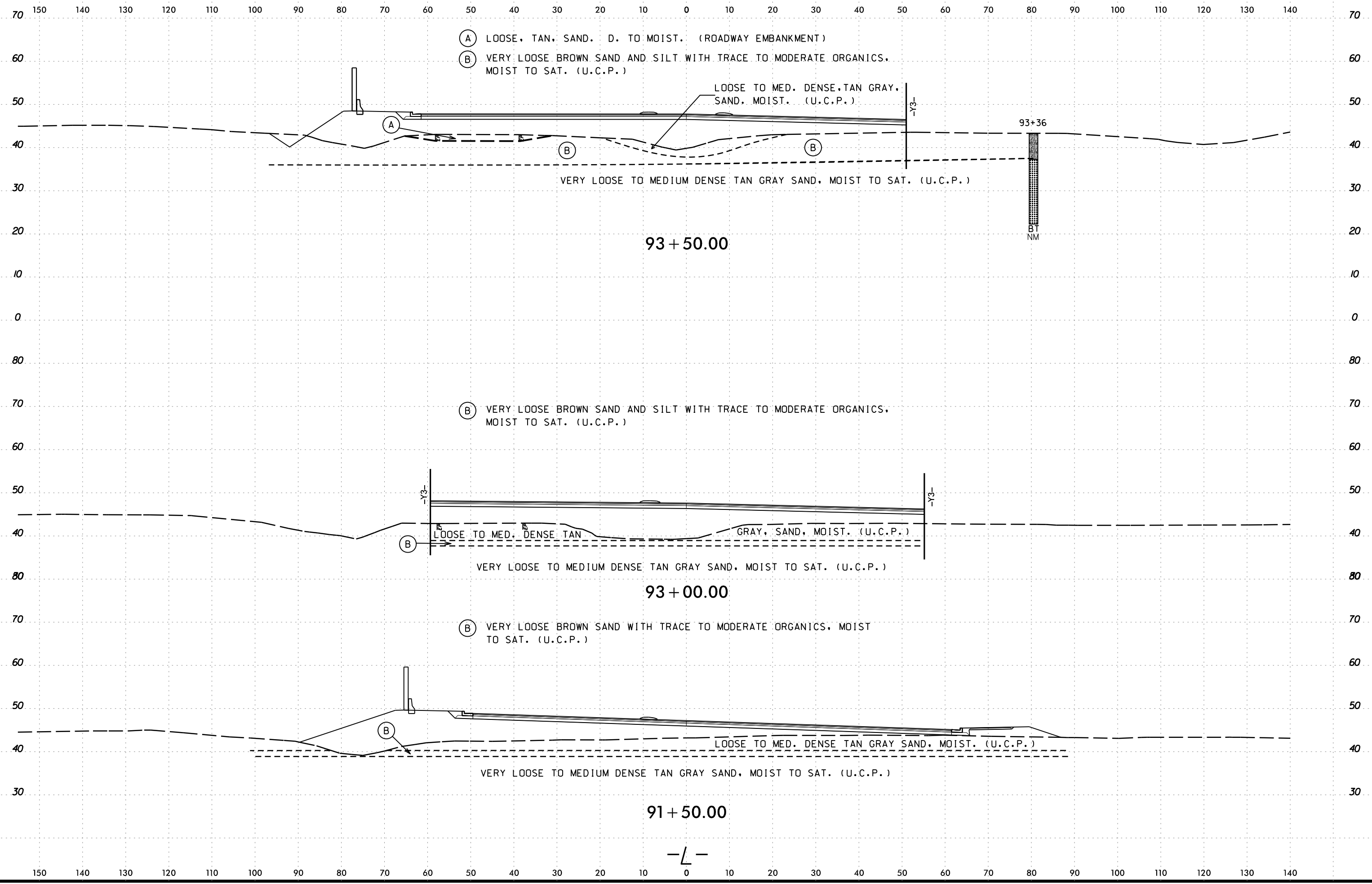
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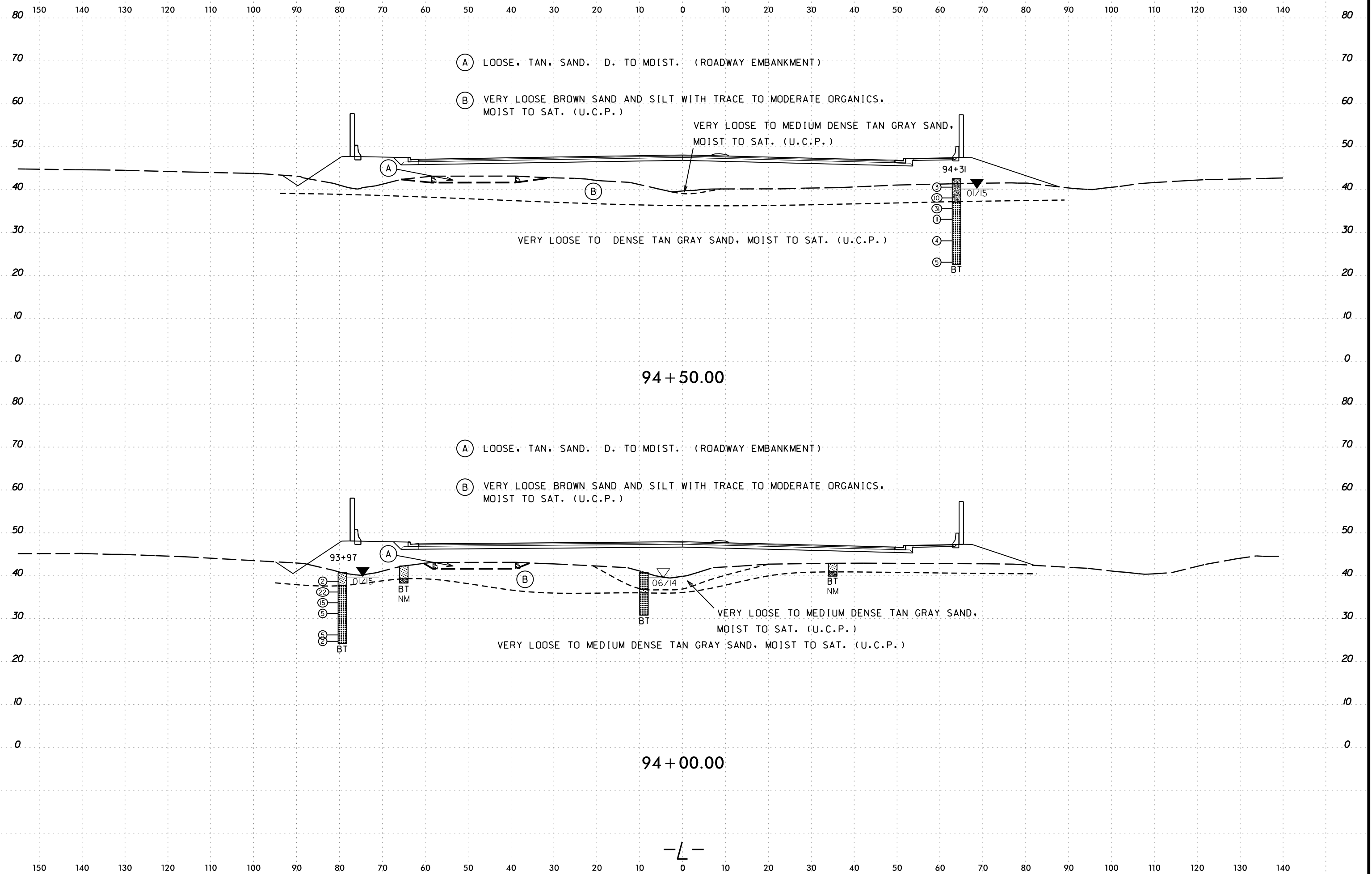




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AT DICKERSON



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DICKERSON

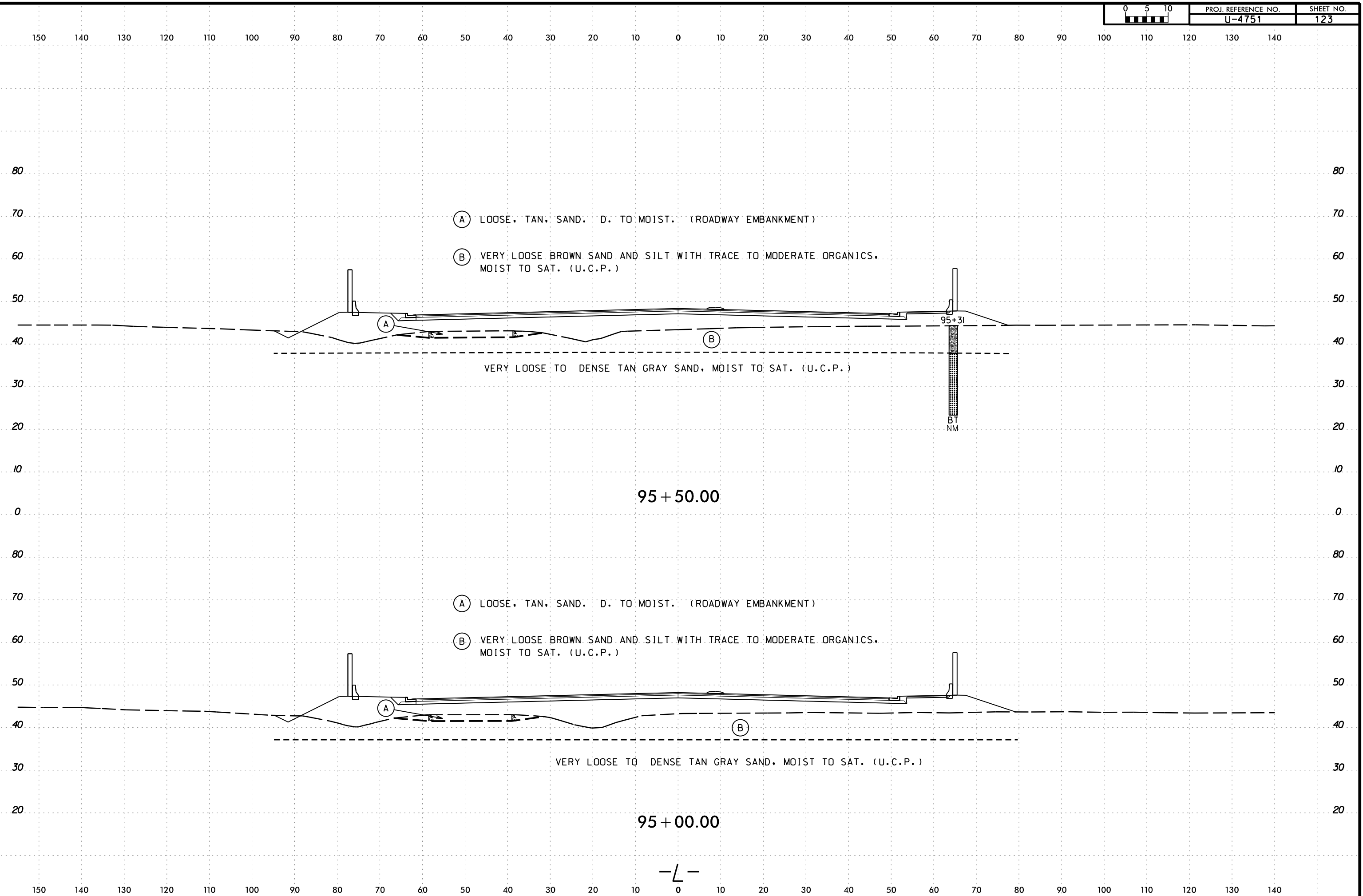


94 + 50.00

94 + 00.00

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DICKERSON



(A) LOOSE, TAN, SAND, D. TO MOIST. (ROADWAY EMBANKMENT)

(B) VERY LOOSE BROWN SAND AND SILT WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)

VERY LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

95 + 50.00

(A) LOOSE, TAN, SAND, D. TO MOIST. (ROADWAY EMBANKMENT)

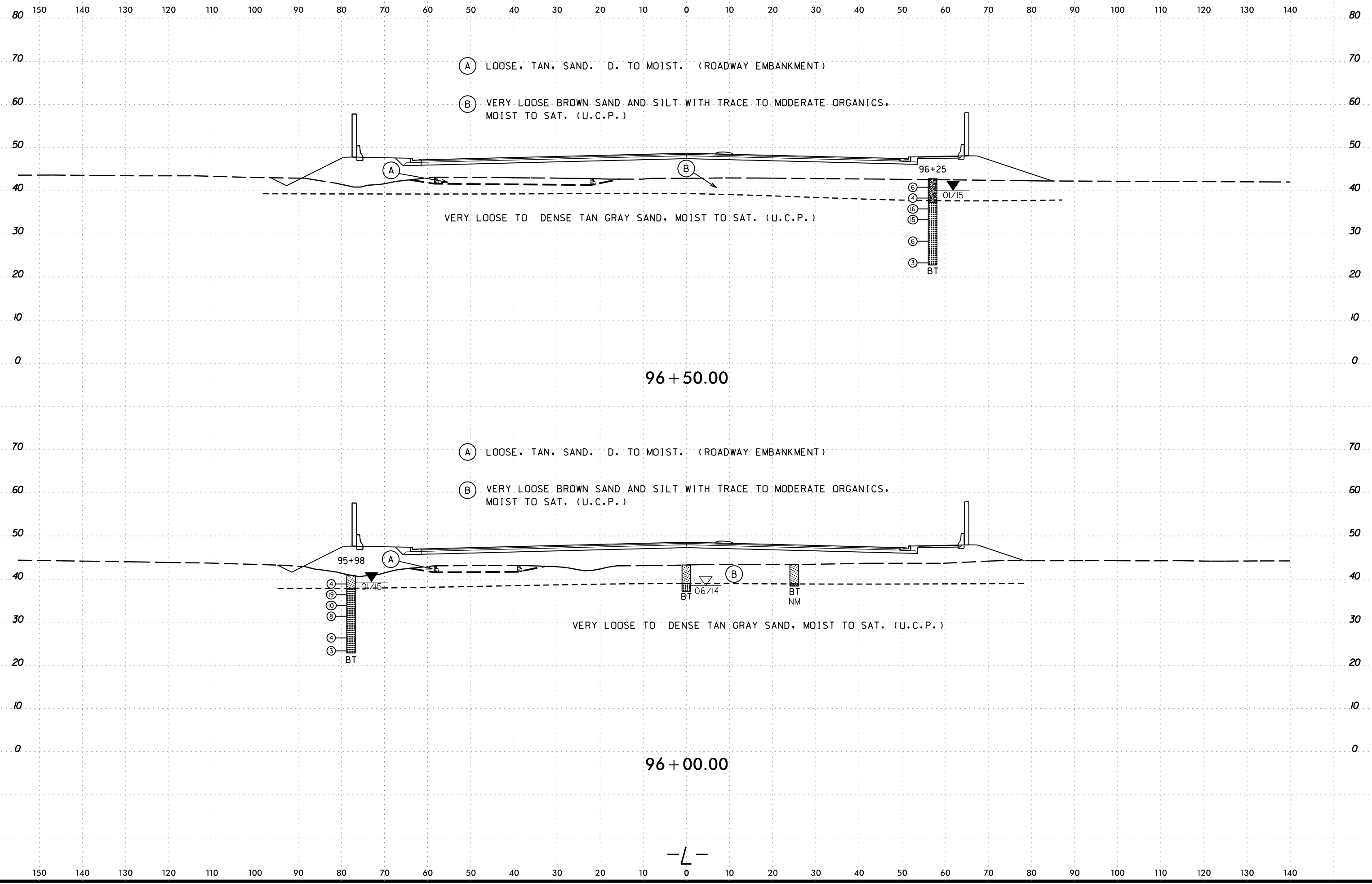
(B) VERY LOOSE BROWN SAND AND SILT WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)

VERY LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

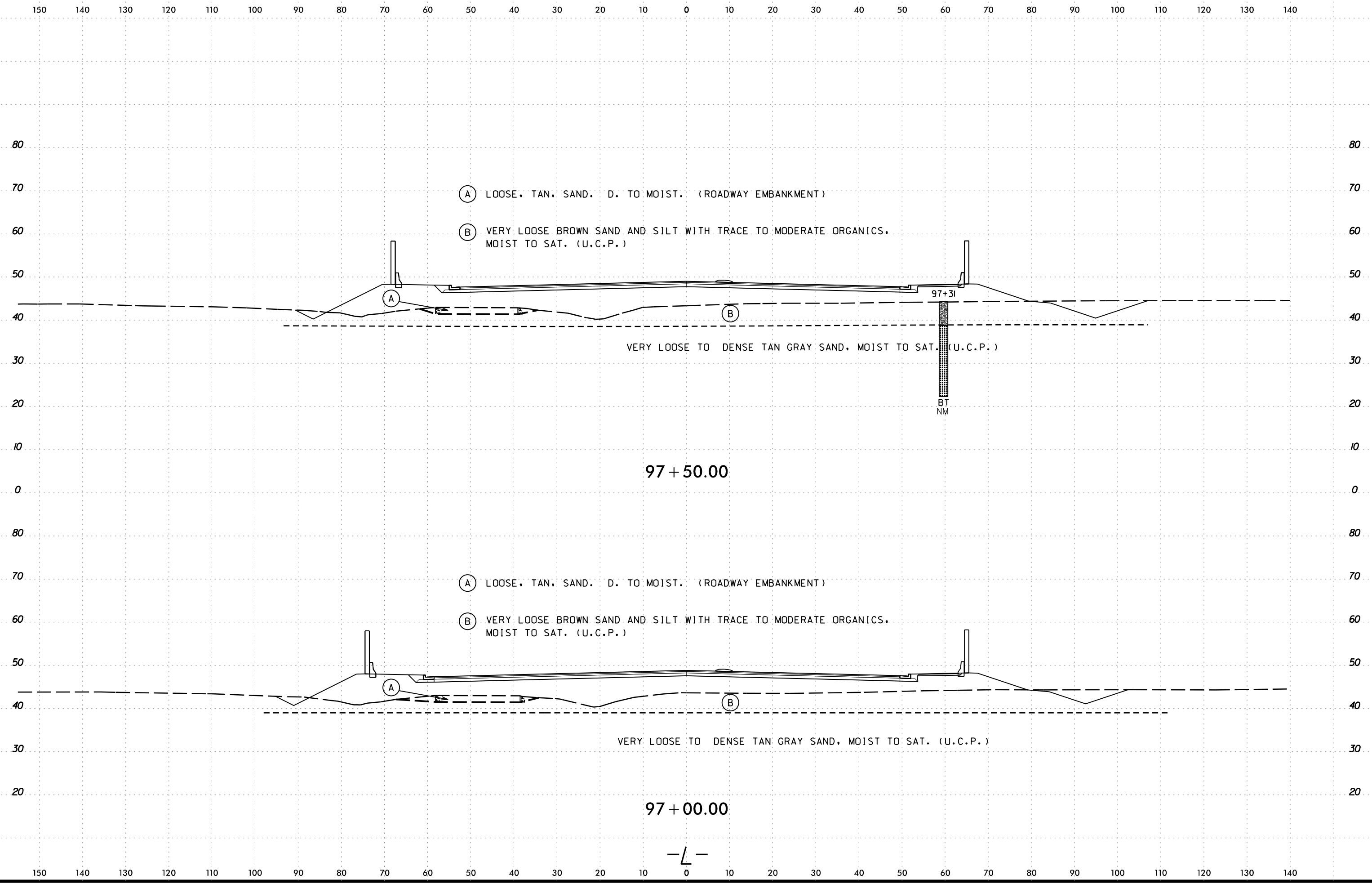
95 + 00.00

-L-

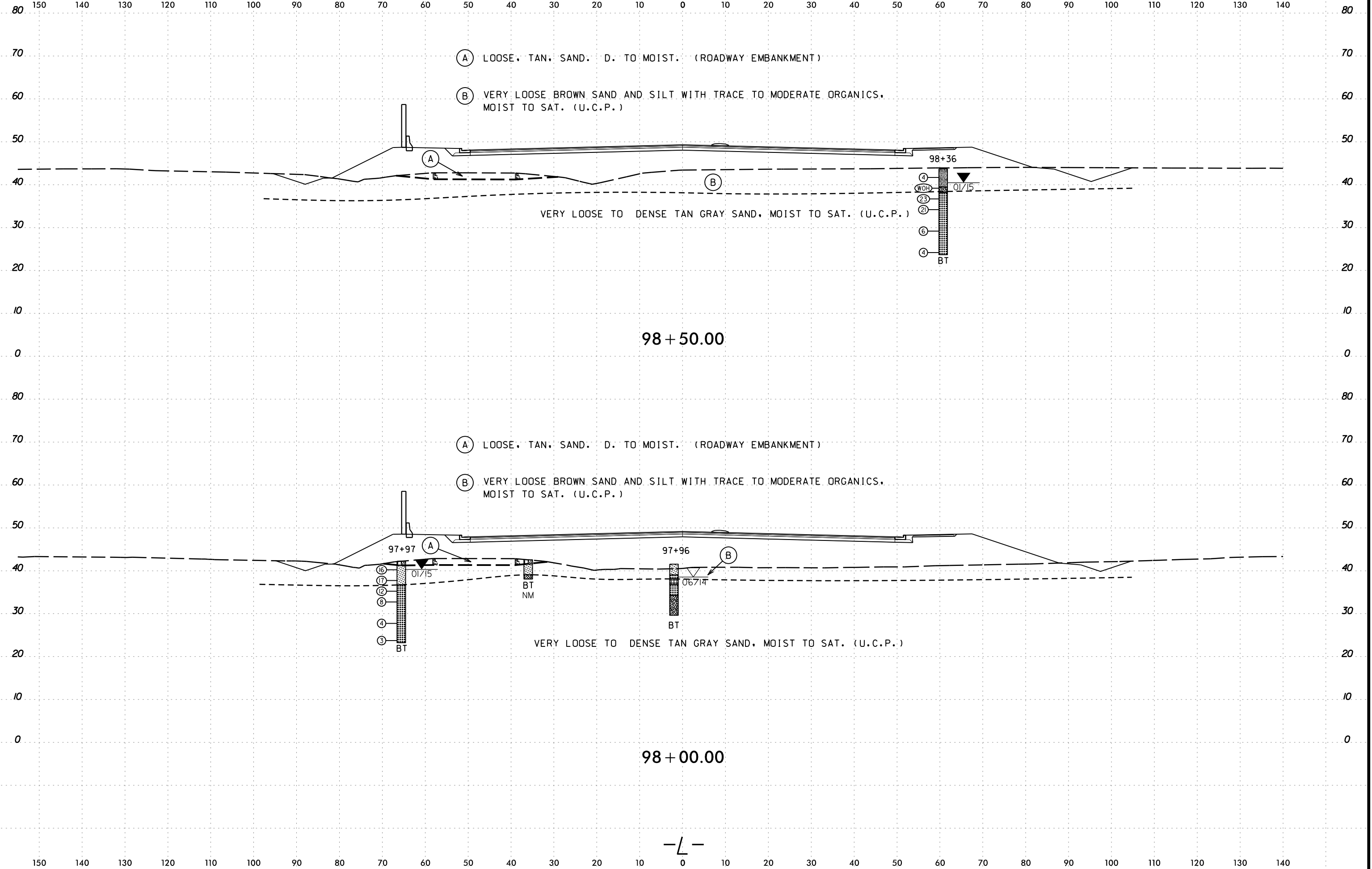
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AT DICKERSON



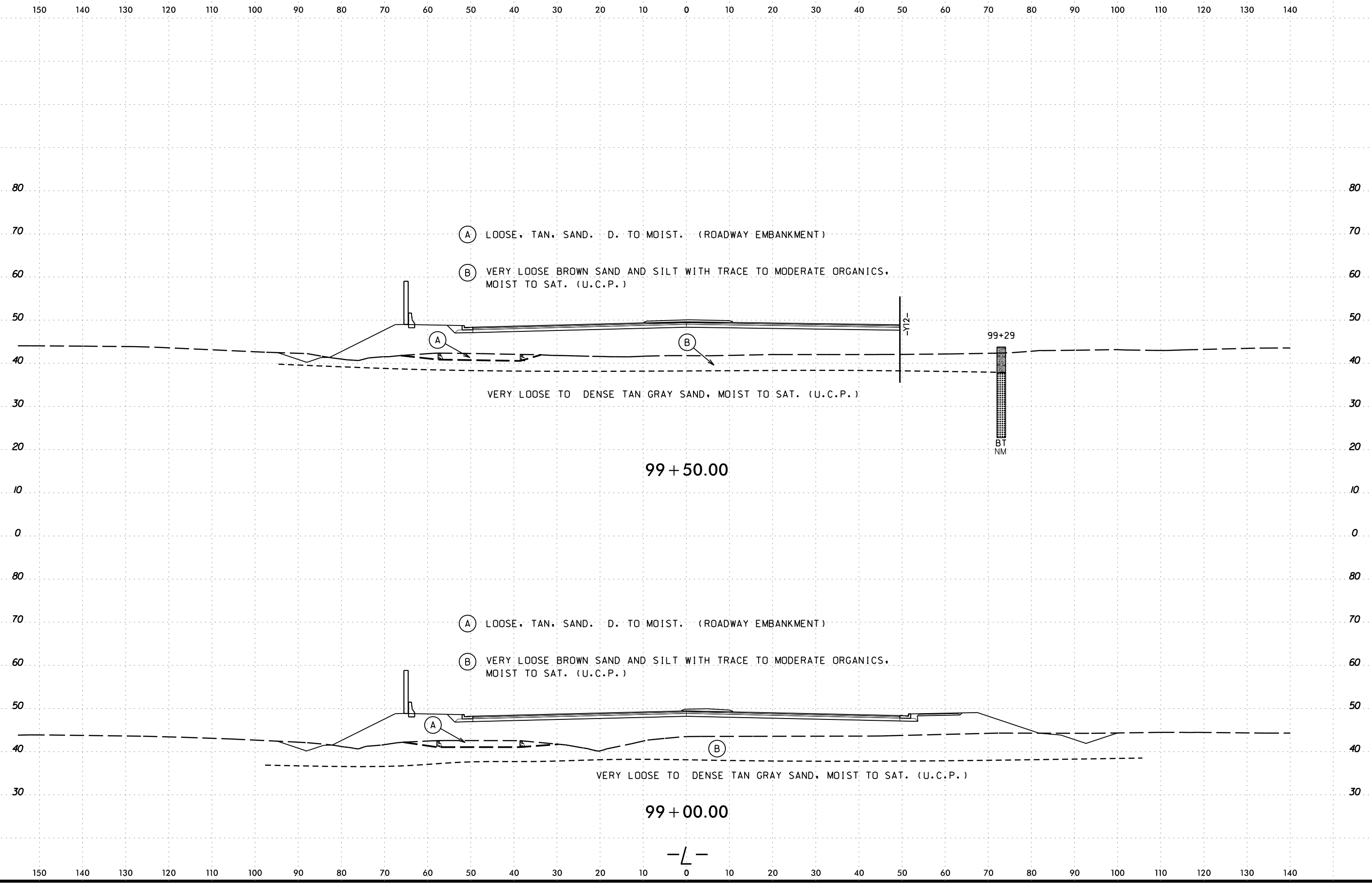
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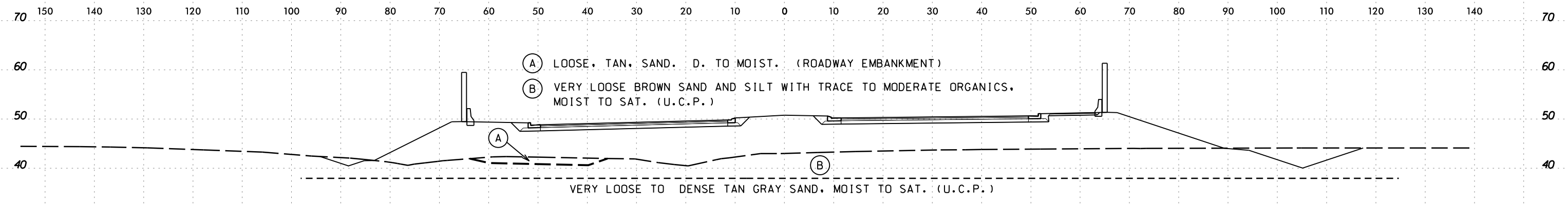


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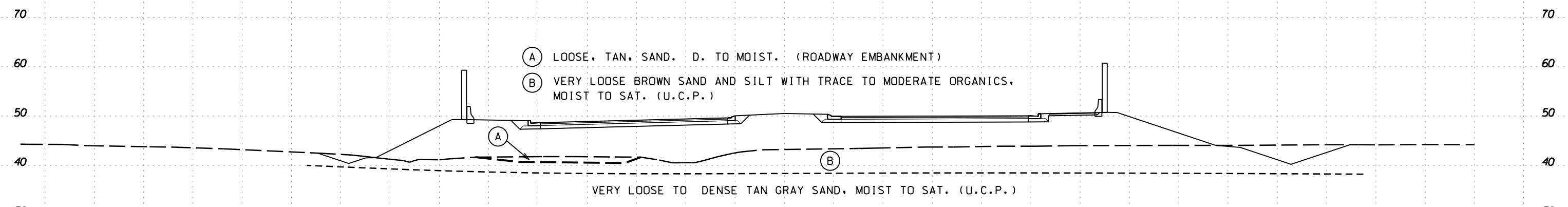


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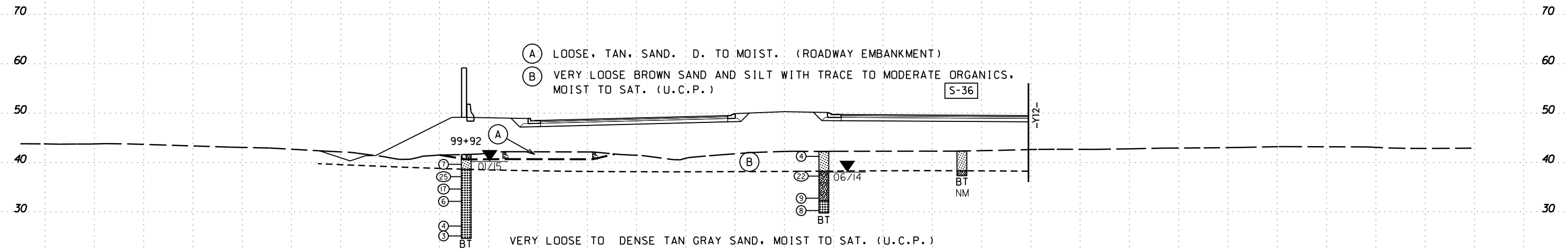
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101 + 00.00



100 + 50.00



100 + 00.00

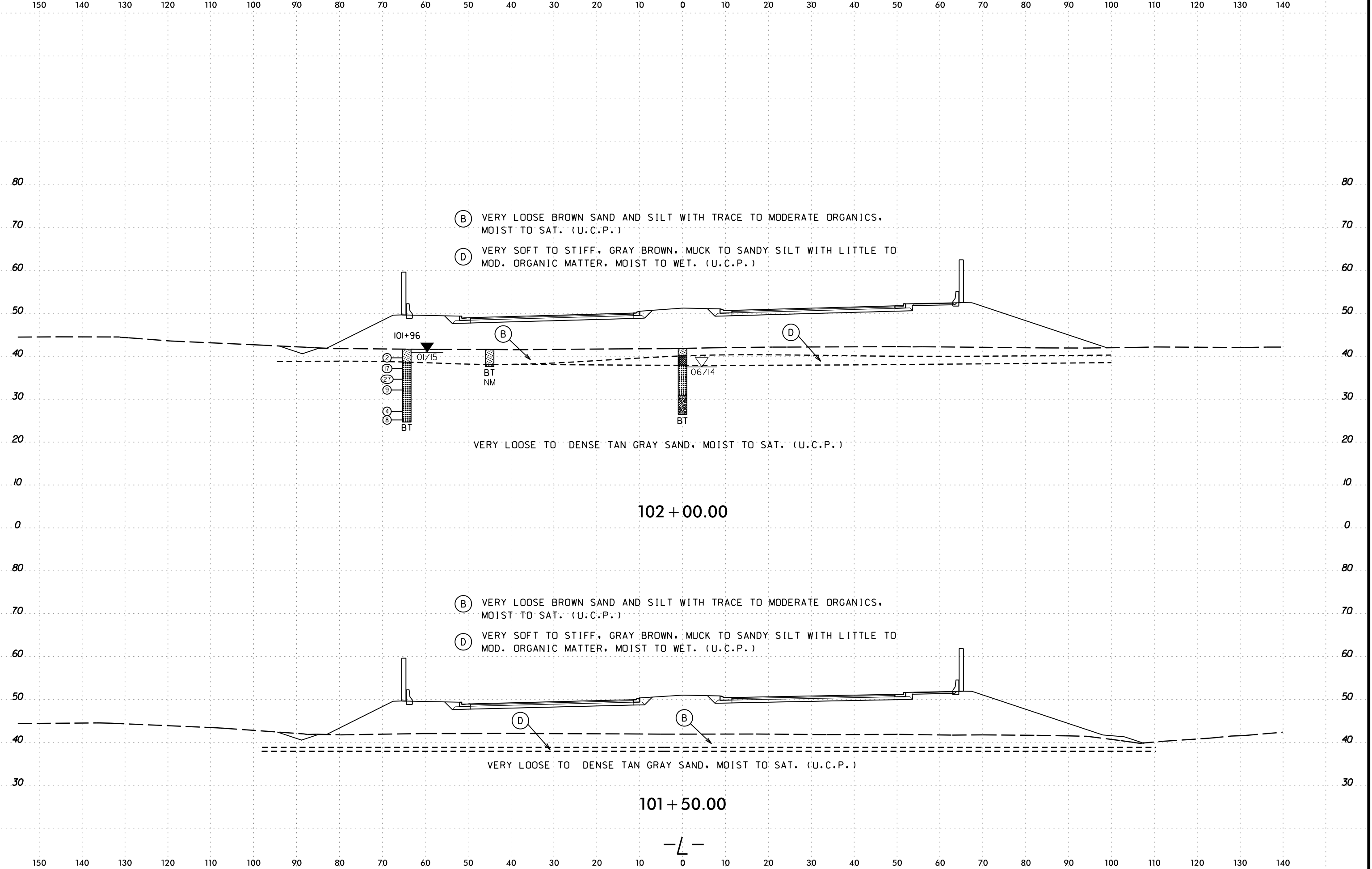
**SOIL TEST RESULTS**

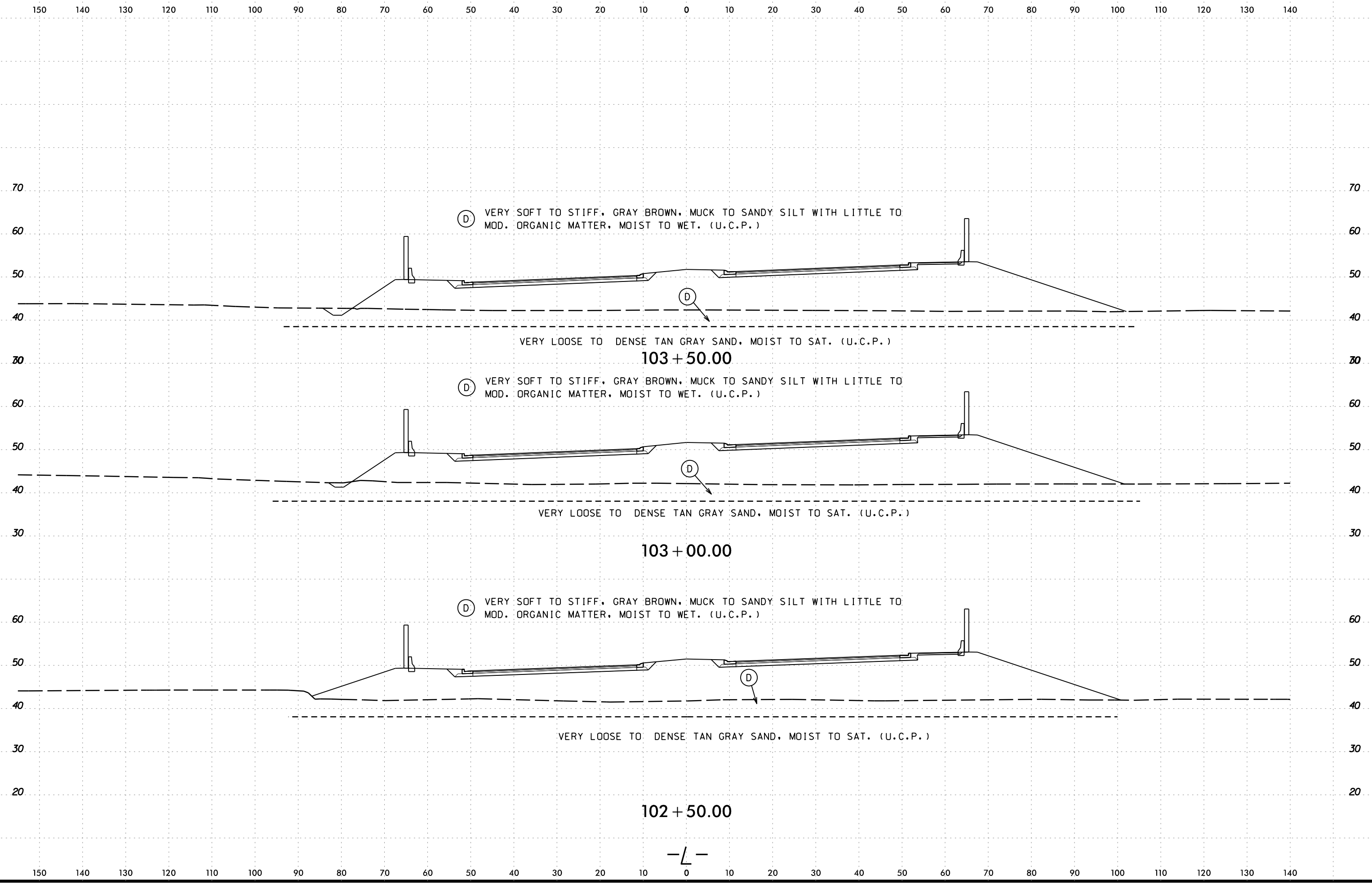
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-36	36 RT	100+00	0.0-4.0	A-2-4(0)	16	NP	18.4	59.5	14.1	8.0	100	95	25	-	7.6

-L-



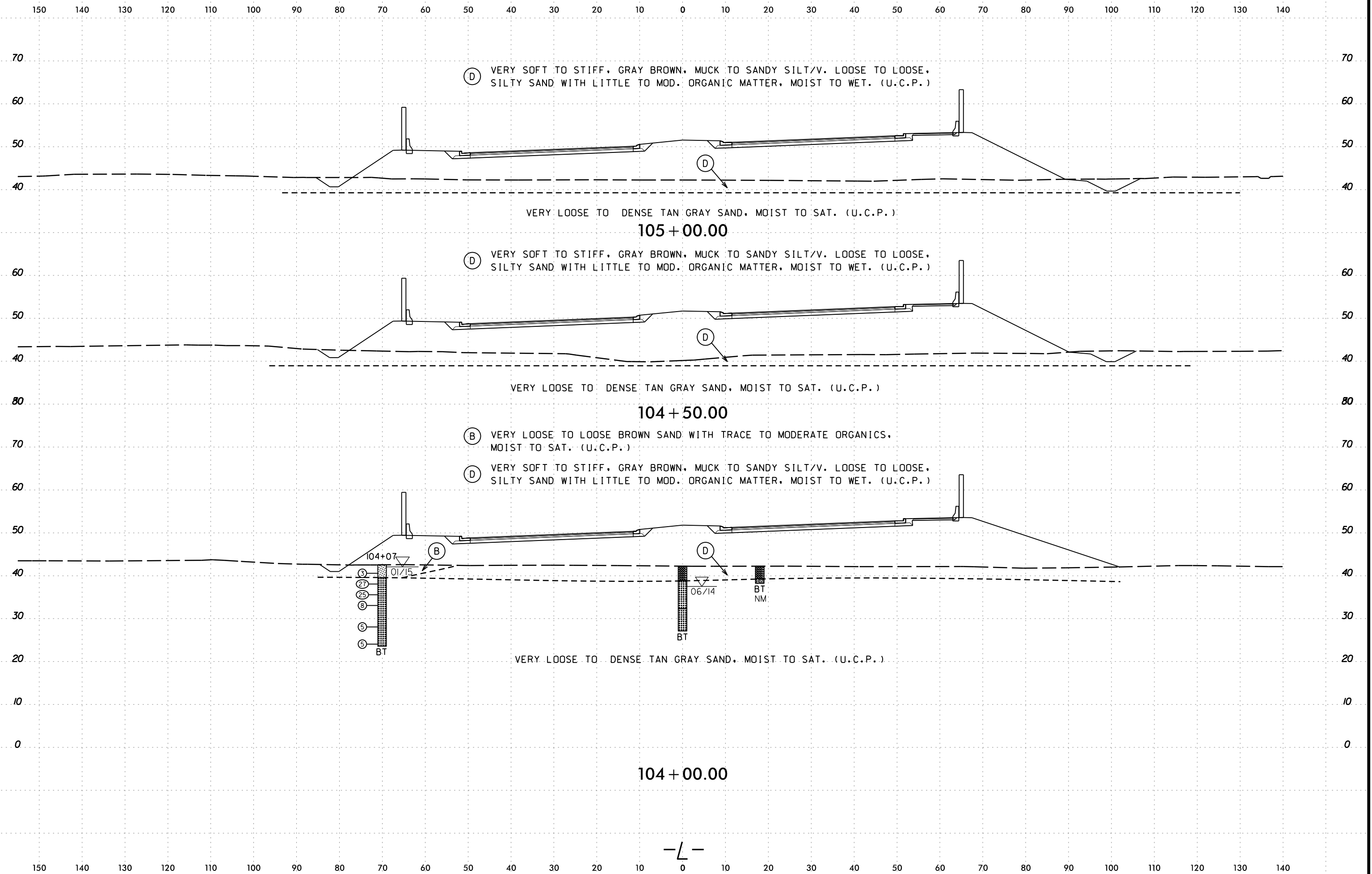
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DICKERSON



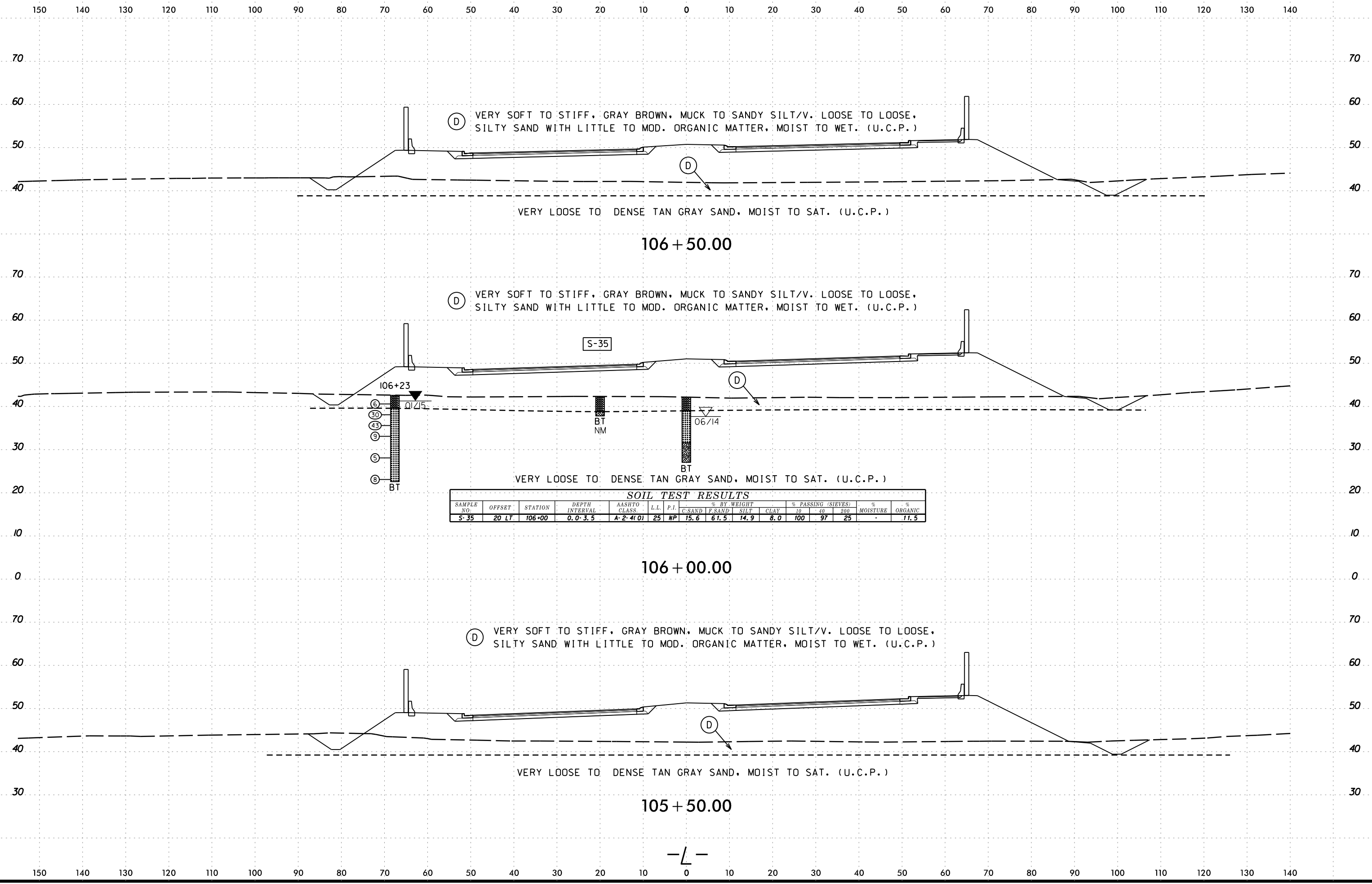


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 dmcrpherson



(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE,  
 SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

106 + 50.00

(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE,  
 SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

S-35

106+23  
 6  
 30  
 43  
 9  
 5  
 8  
 BT

BT NM

BT

VERY LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
S-35	20 LT	106+00	0.0-3.5	A-2-4(0)	25	NP	15.6	61.5	14.9	8.0	100	97	25	-	11.5

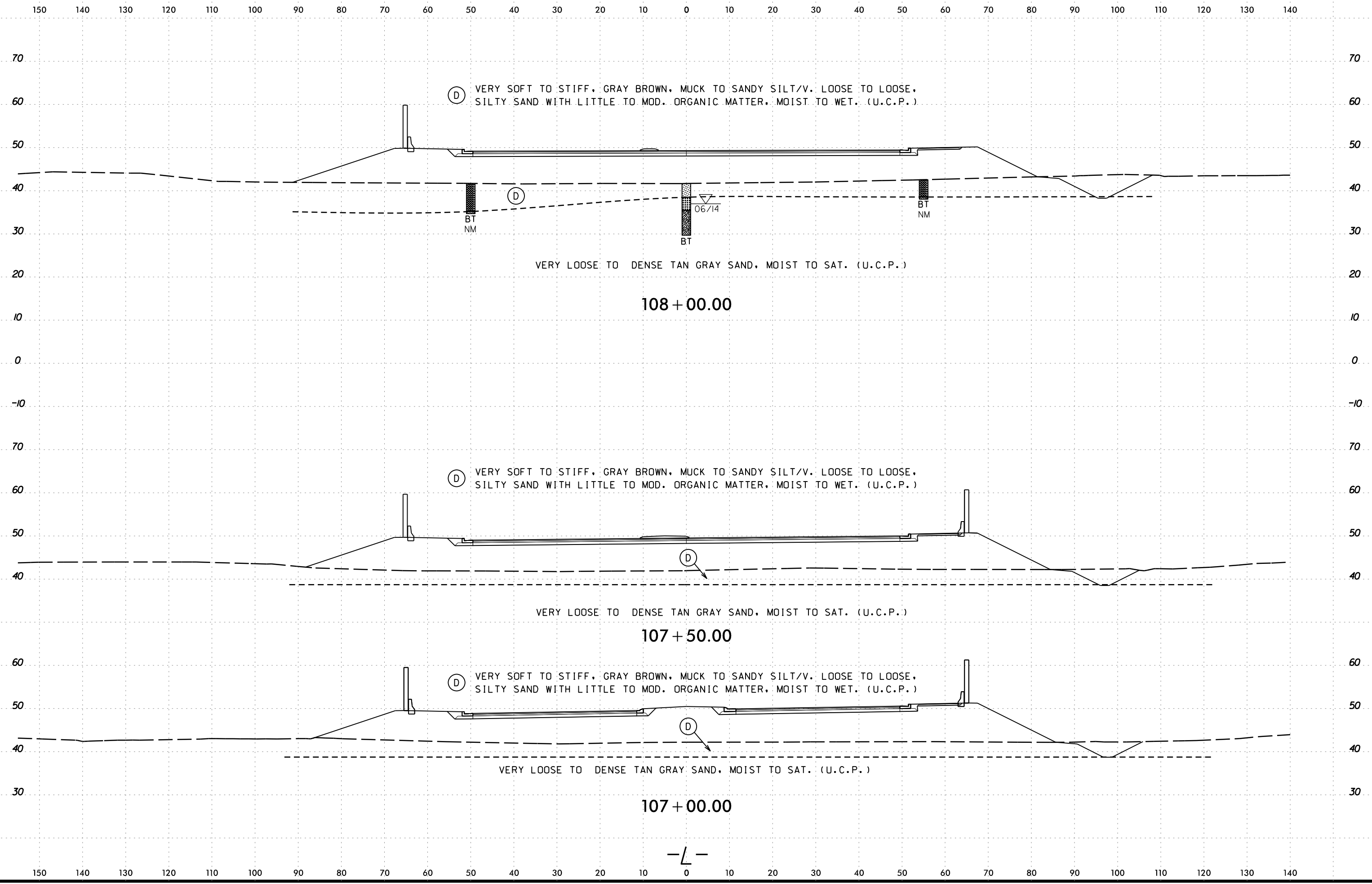
106 + 00.00

(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE,  
 SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

105 + 50.00

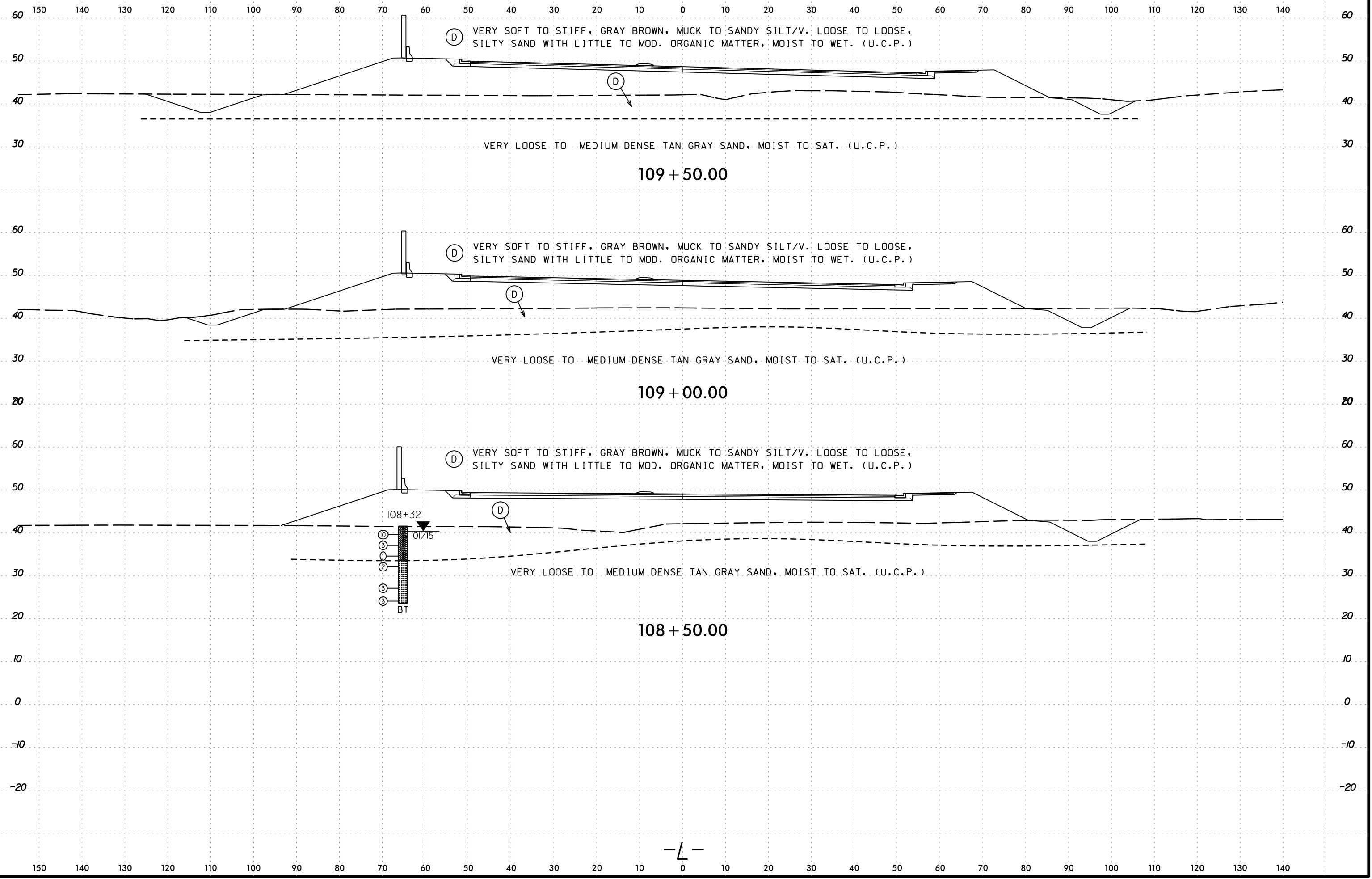
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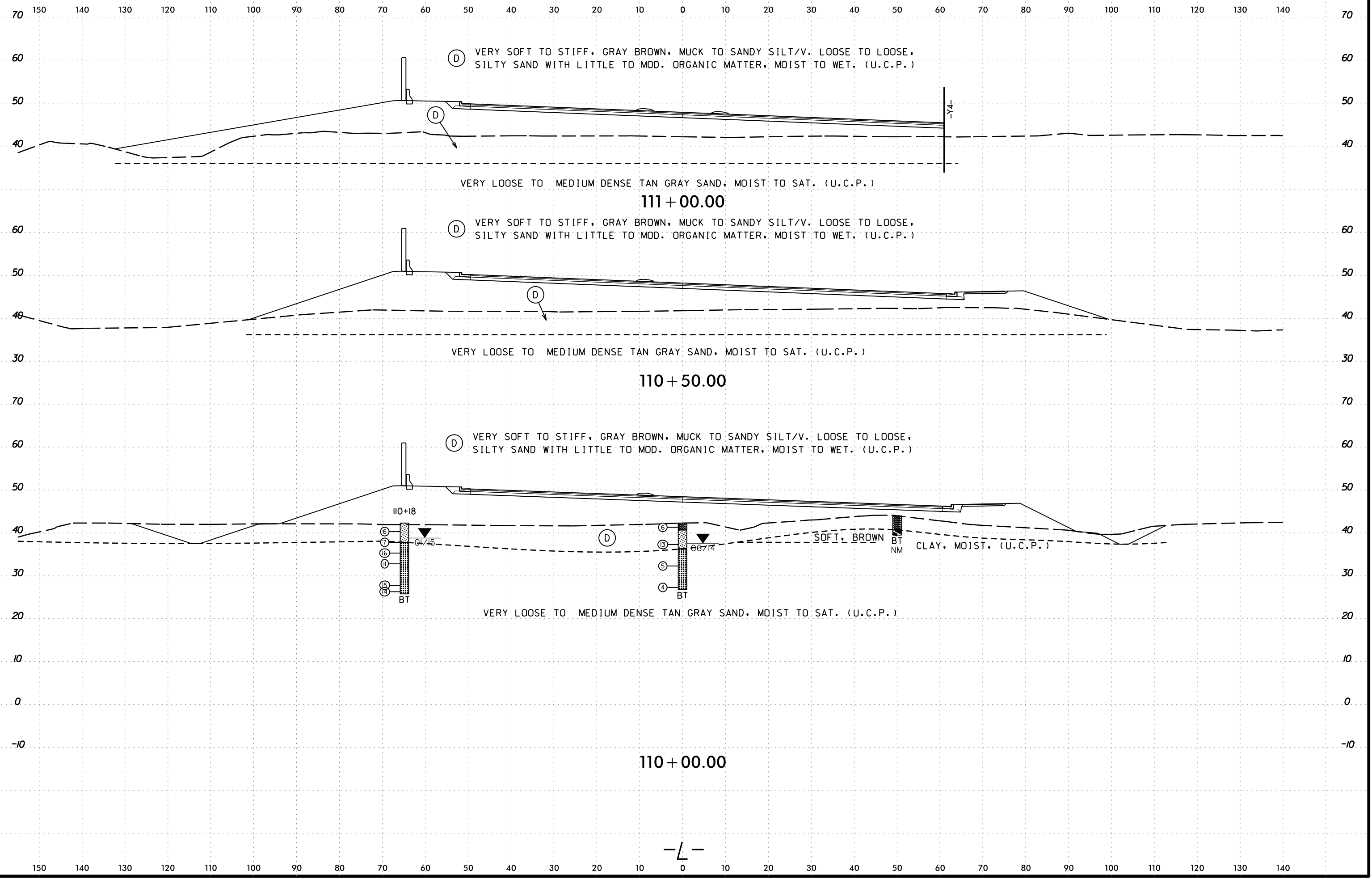
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 dmcrpherson

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DICKERSON

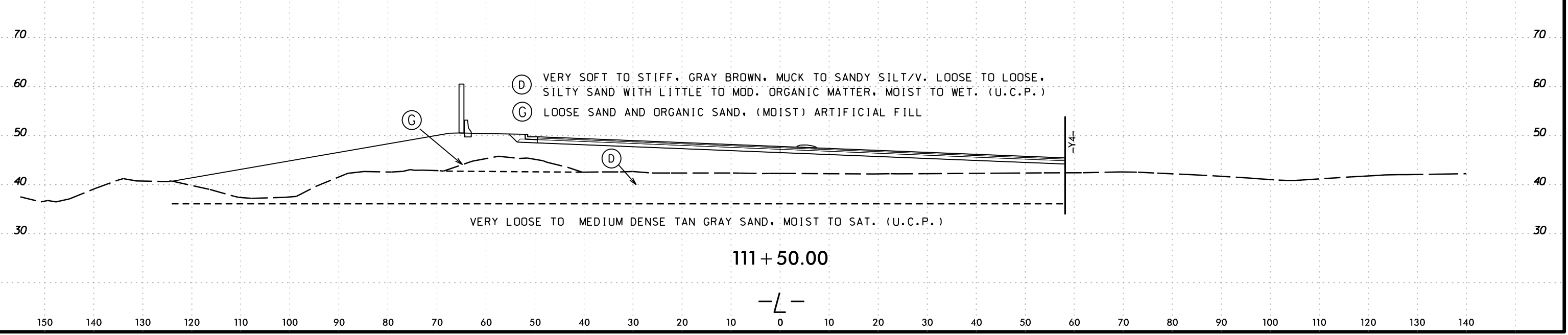
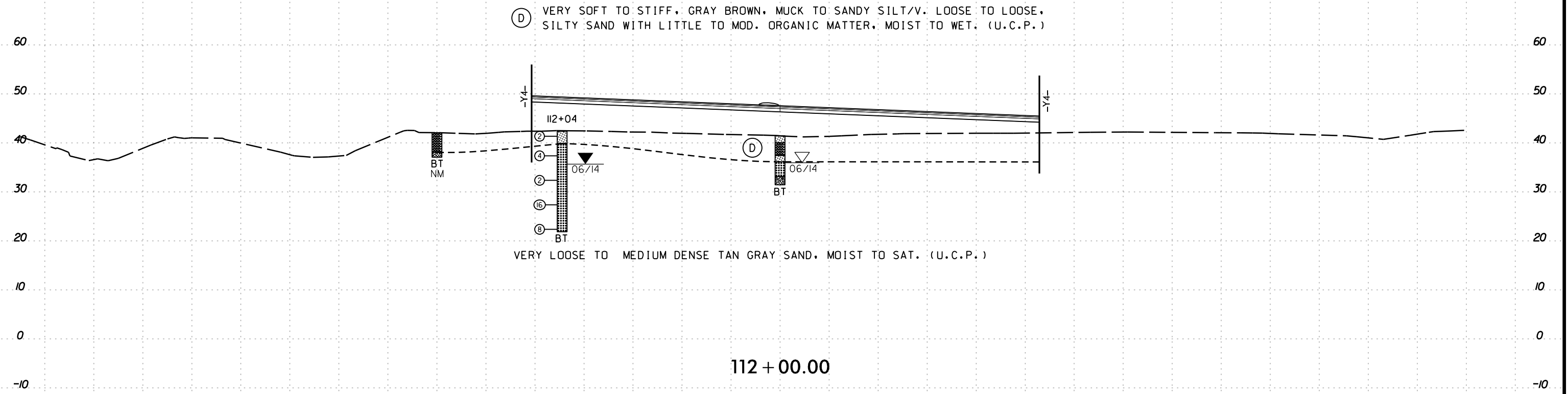
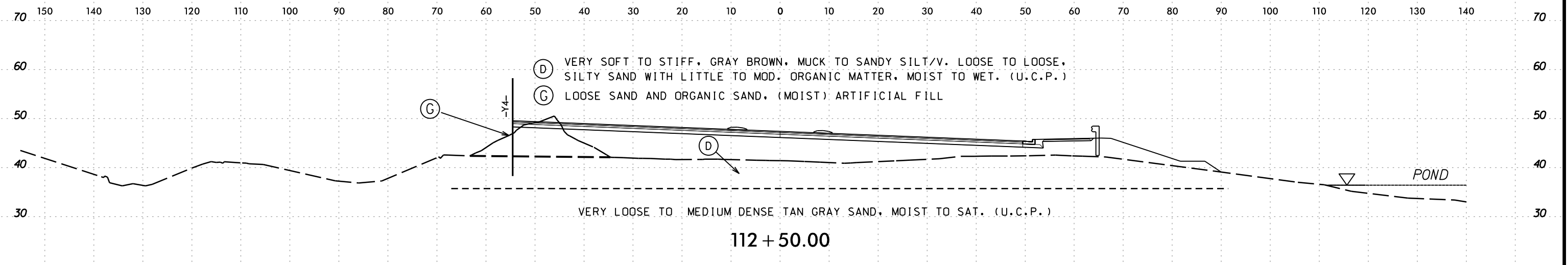


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DICKERSON



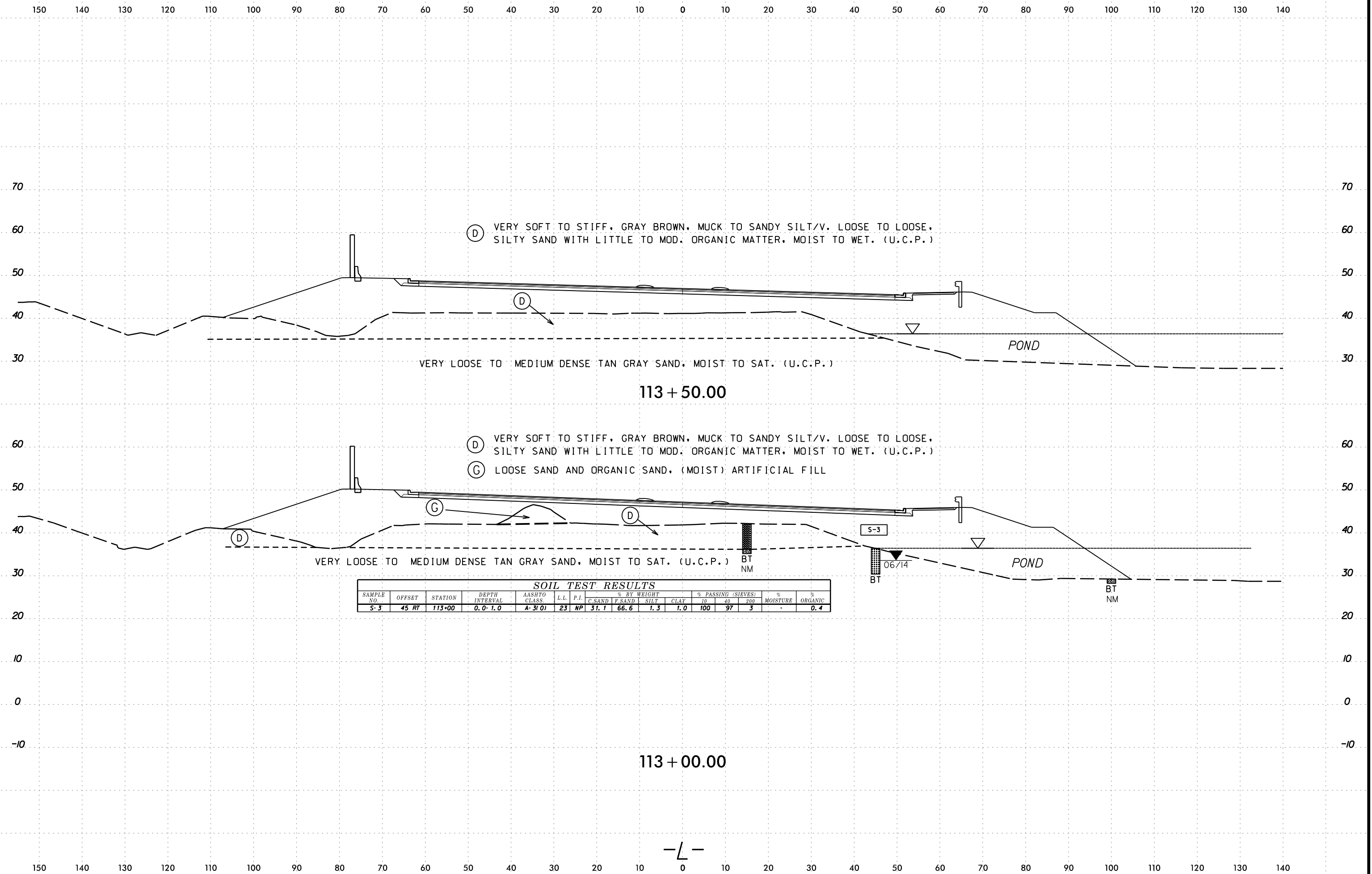
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DICKERSON



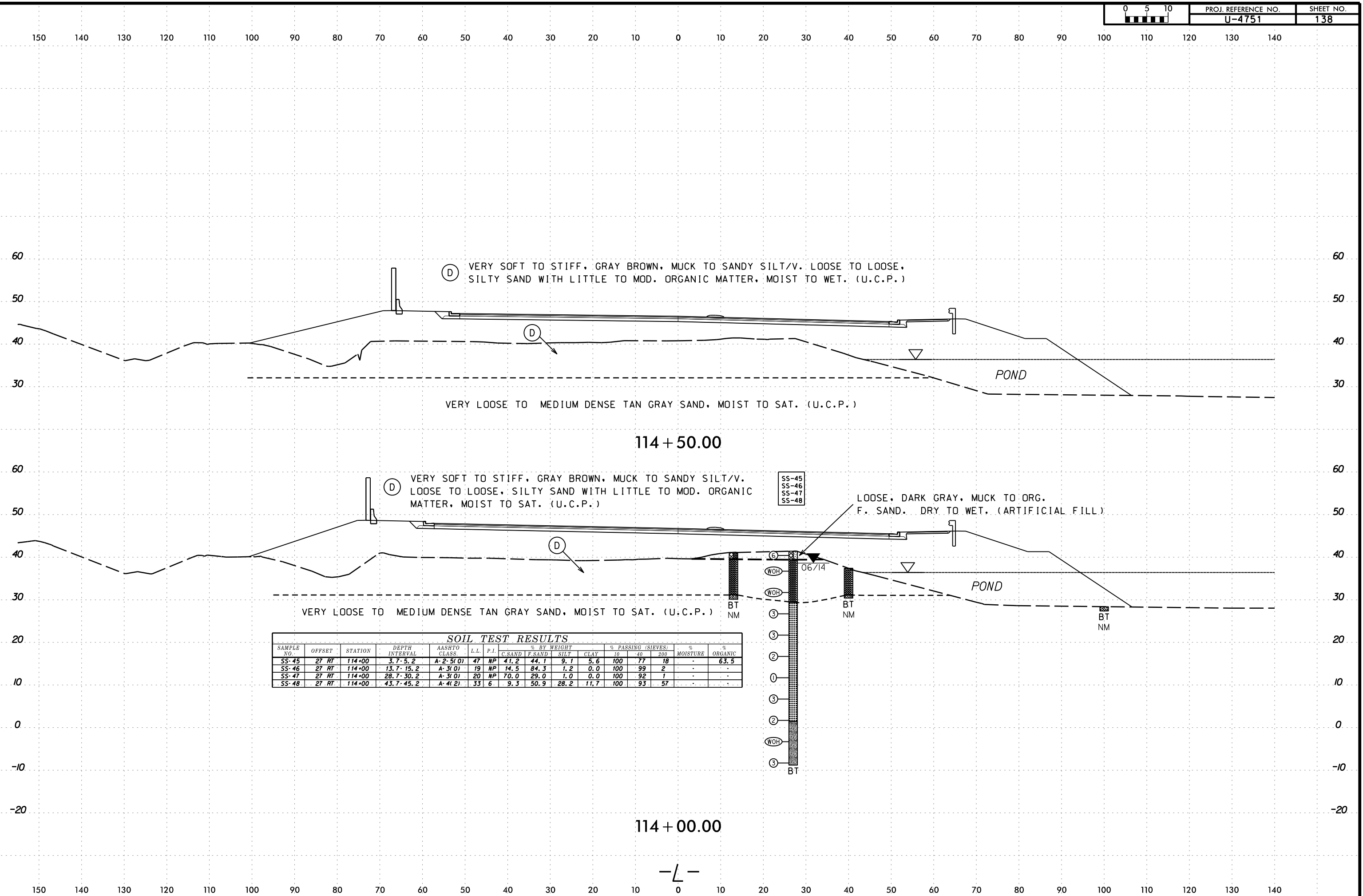


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SOIL TEST RESULTS														
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)		% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40		
S-3	45 RT	113+00	0.0-1.0	A-3(0)	23	NP	31.7	66.6	1.3	1.0	100	97	3	0.4

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(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

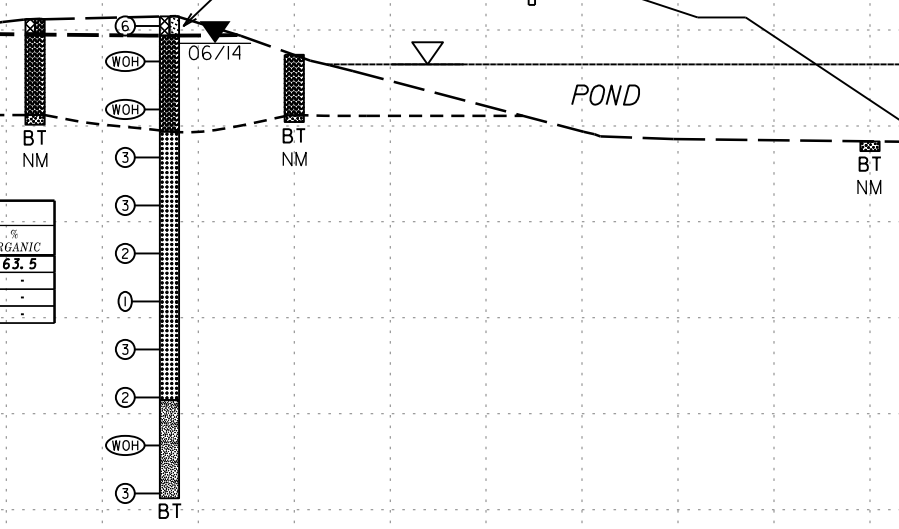
114 + 50.00

(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO SAT. (U.C.P.)

SS-45  
 SS-46  
 SS-47  
 SS-48

LOOSE, DARK GRAY, MUCK TO ORG. F. SAND. DRY TO WET. (ARTIFICIAL FILL)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

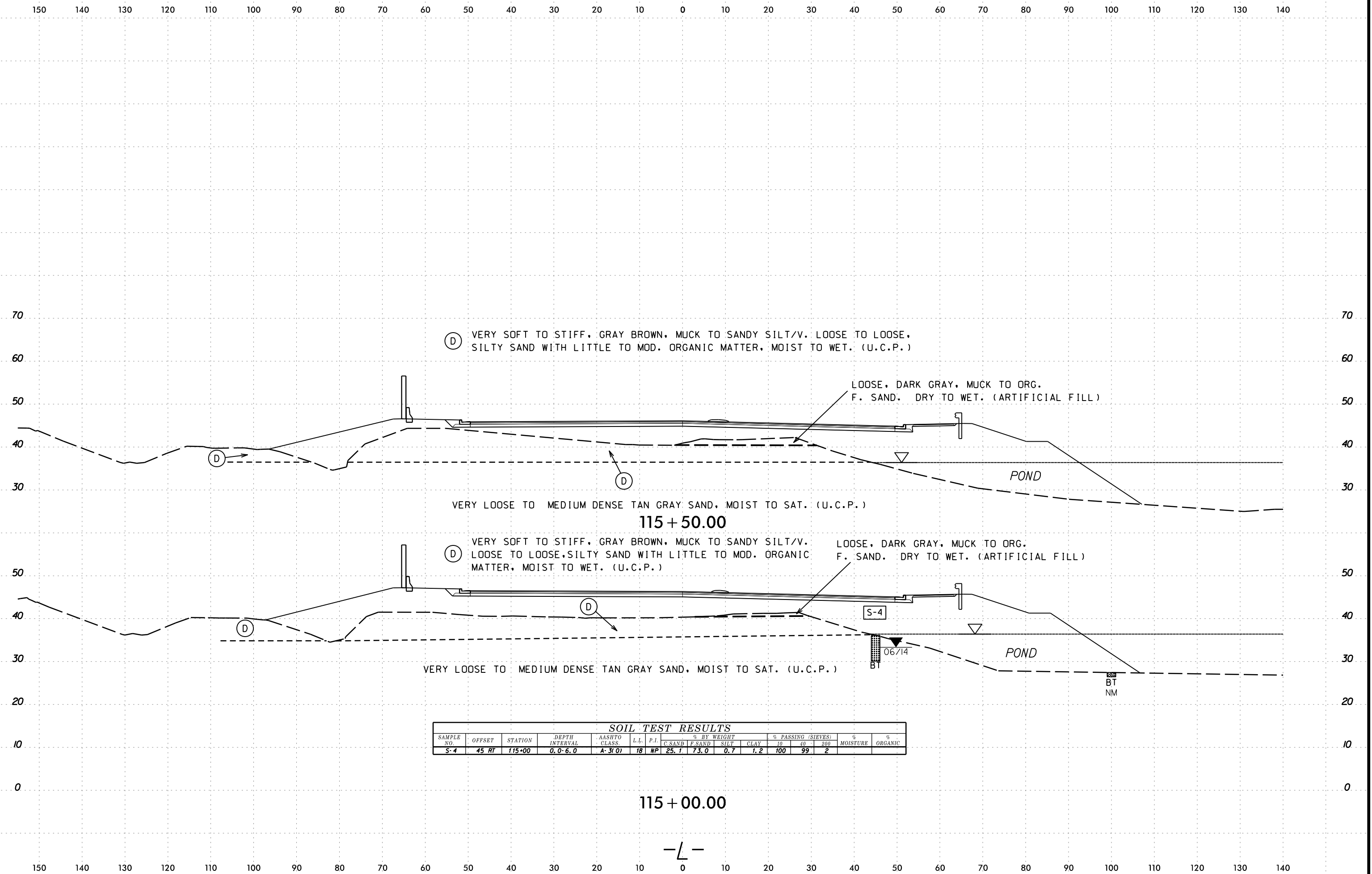


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F SAND	SILT	CLAY	10	40	200		
SS-45	27 RT	114+00	3.7-5.2	A-2-5(0)	47	NP	41.2	44.1	9.1	5.6	100	77	18	-	63.5
SS-46	27 RT	114+00	13.7-15.2	A-3(0)	19	NP	14.5	84.3	1.2	0.0	100	99	2	-	-
SS-47	27 RT	114+00	28.7-30.2	A-3(0)	20	NP	70.0	29.0	1.0	0.0	100	92	1	-	-
SS-48	27 RT	114+00	43.7-45.2	A-4(2)	33	6	9.3	50.9	28.2	11.7	100	93	57	-	-

114 + 00.00

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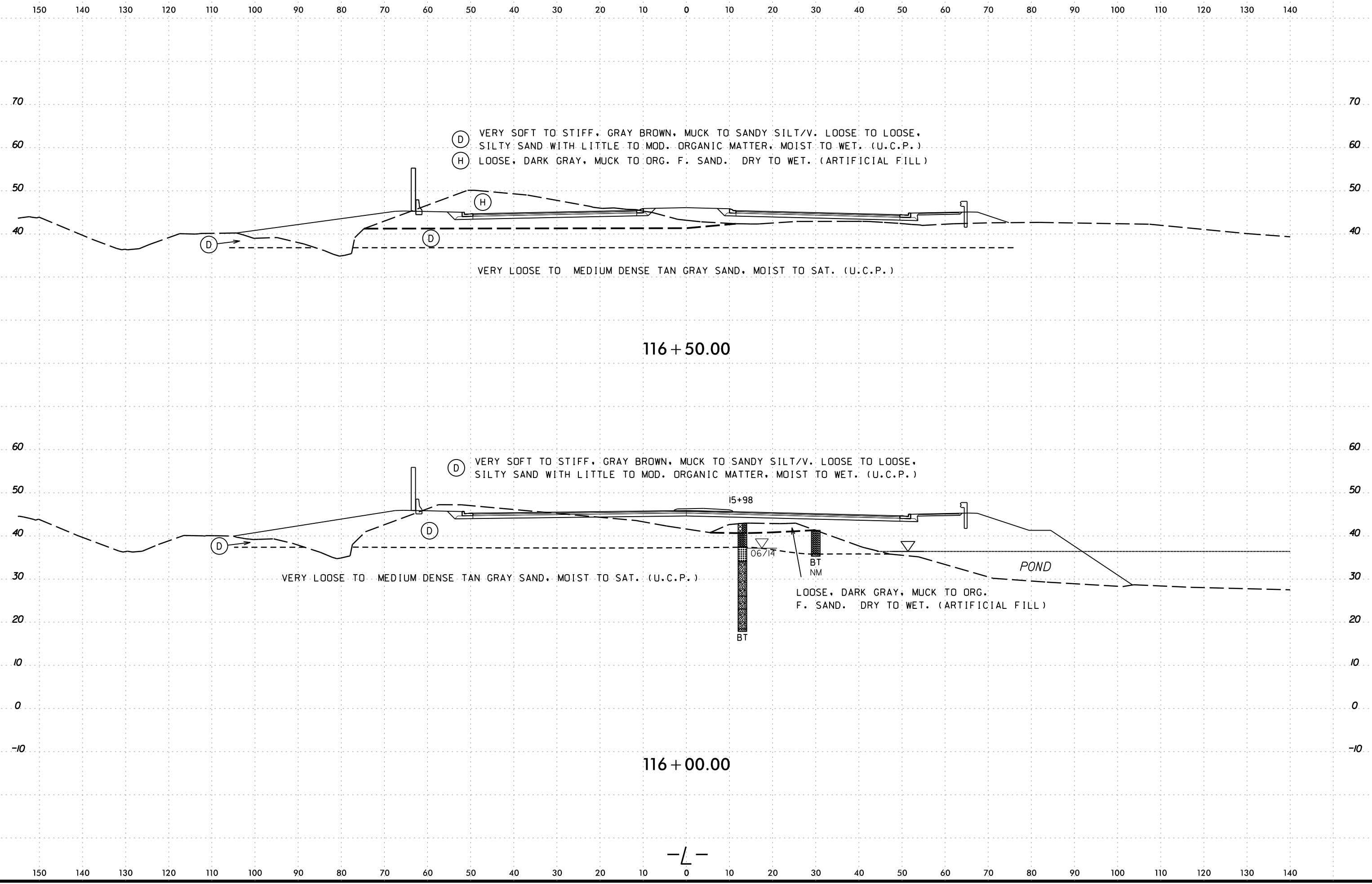
**SOIL TEST RESULTS**

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)		% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40		
S-4	45 RT	115+00	0.0-6.0	A-3(0)	18	NP	25.1	73.0	0.7	1.2	100	99	2	

115 + 00.00

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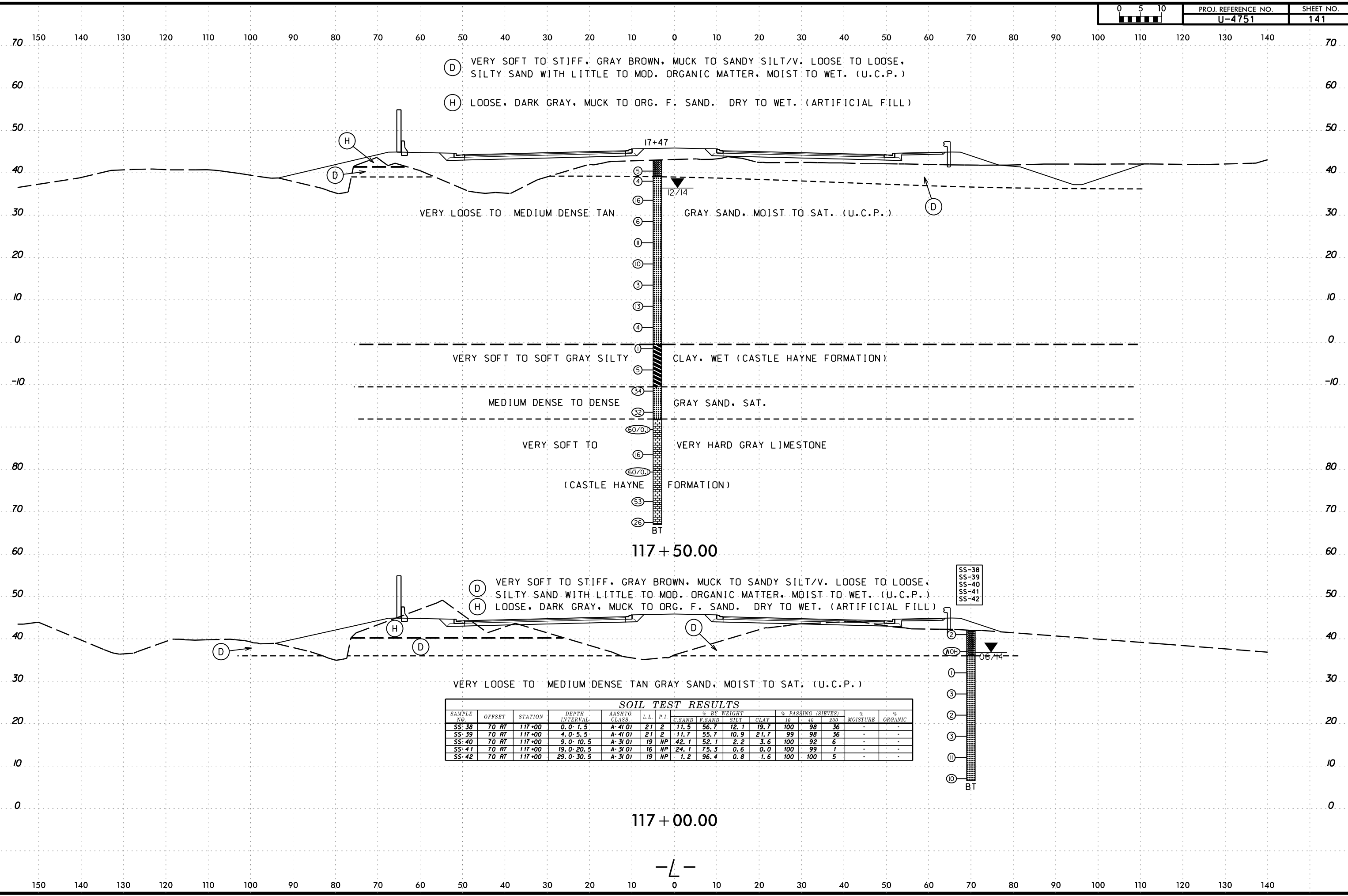


116 + 50.00

116 + 00.00

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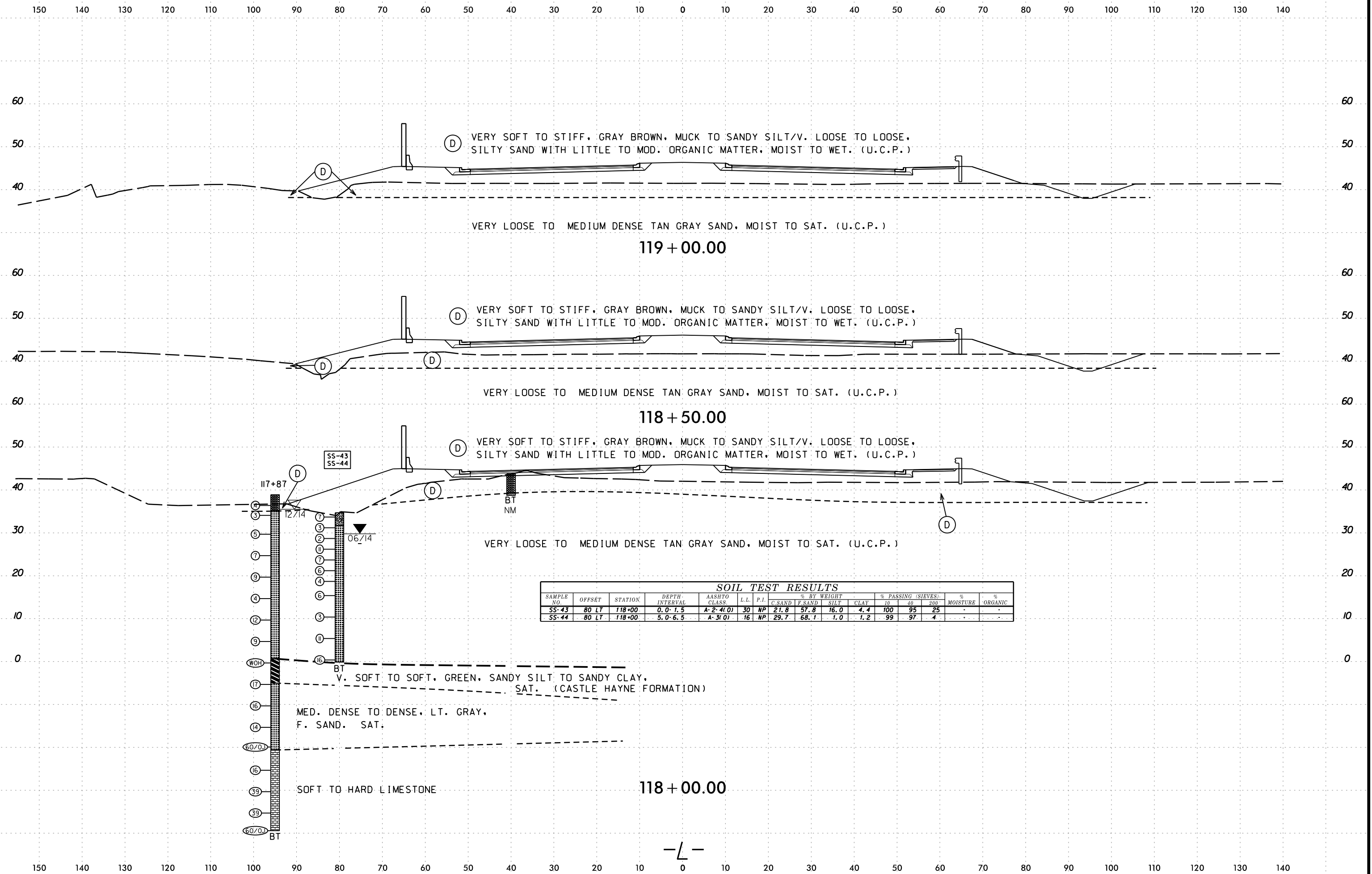
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 dmcherson



**SOIL TEST RESULTS**

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-38	70 RT	117+00	0.0-1.5	A-4(0)	21	2	11.5	56.7	12.1	19.7	100	98	36	-	-
SS-39	70 RT	117+00	4.0-5.5	A-4(0)	21	2	11.7	55.7	10.9	21.7	99	98	36	-	-
SS-40	70 RT	117+00	9.0-10.5	A-3(0)	19	NP	42.1	52.1	2.2	3.6	100	92	6	-	-
SS-41	70 RT	117+00	19.0-20.5	A-3(0)	16	NP	24.1	75.3	0.6	0.0	100	99	1	-	-
SS-42	70 RT	117+00	29.0-30.5	A-3(0)	19	NP	1.2	96.4	0.8	1.6	100	100	5	-	-

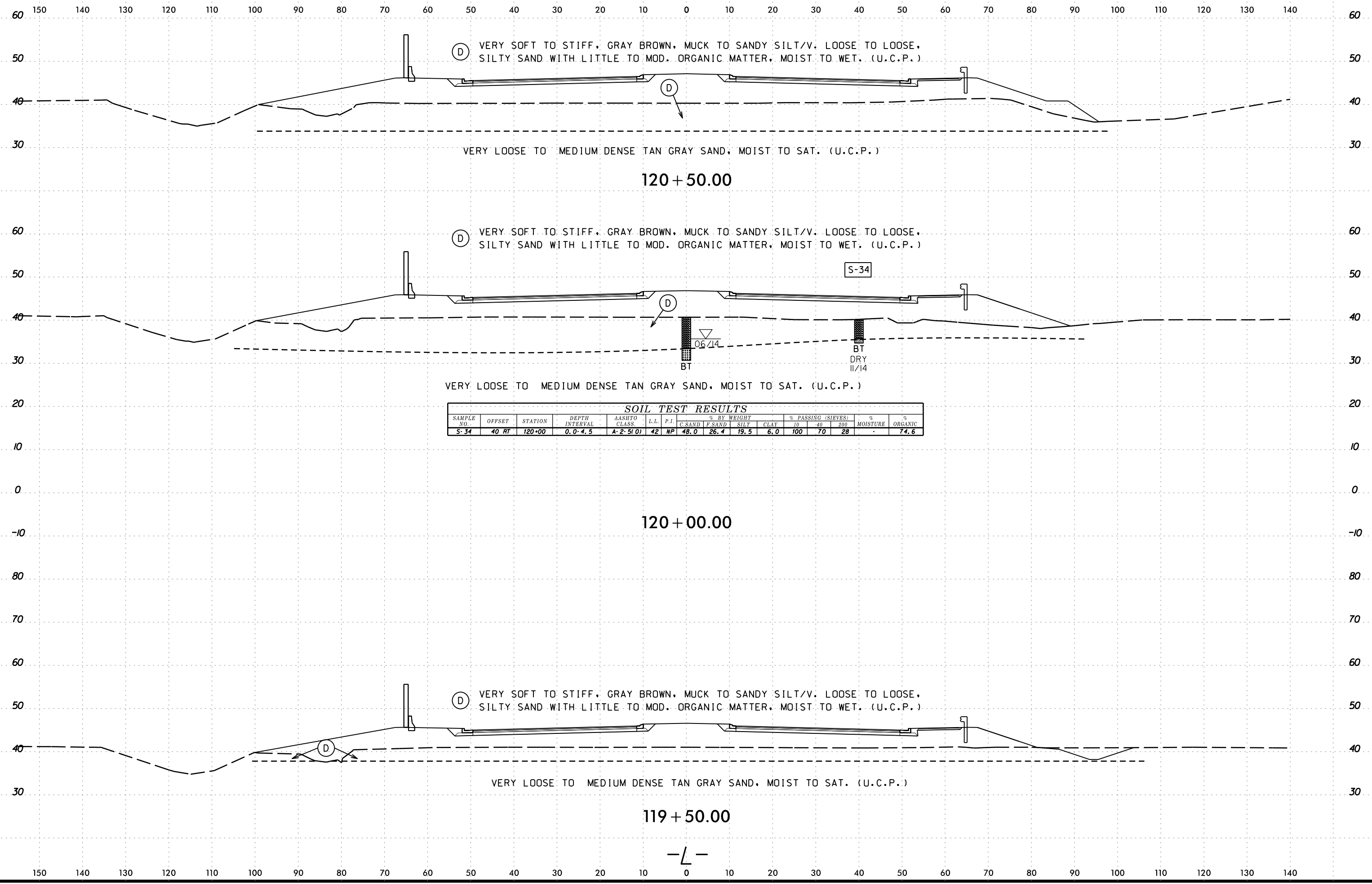
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 6/23/16  
 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



**SOIL TEST RESULTS**

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-43	80 LT	118+00	0.0-1.5	A-2-4(0)	30	NP	21.8	57.8	16.0	4.4	100	95	25	-	-
SS-44	80 LT	118+00	5.0-6.5	A-3(0)	16	NP	29.7	68.1	1.0	1.2	99	97	4	-	-

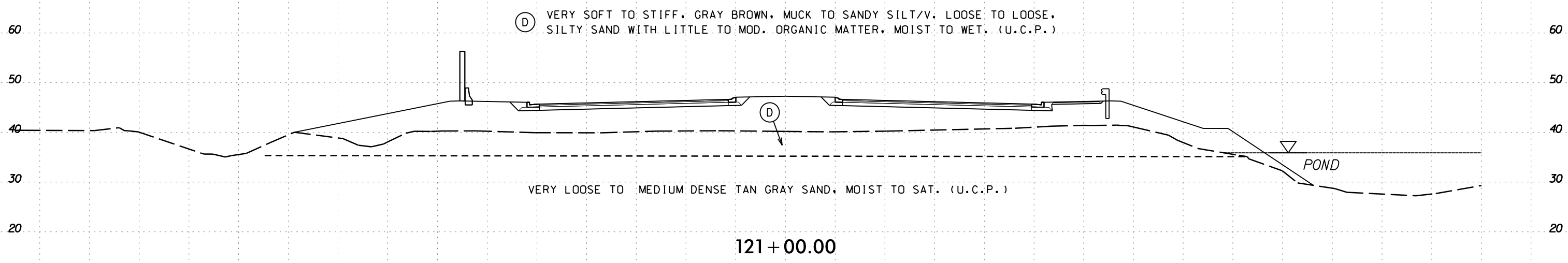
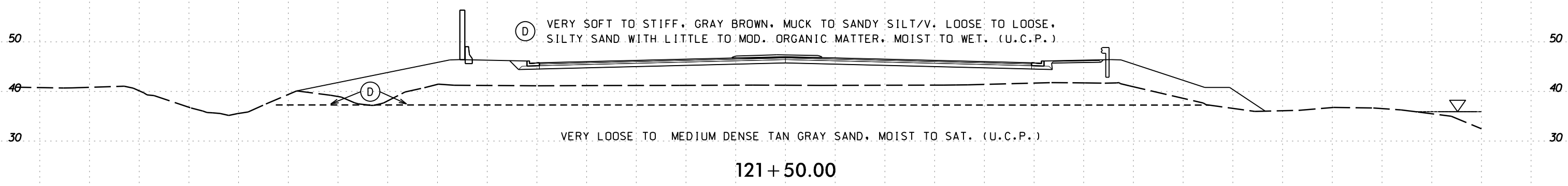
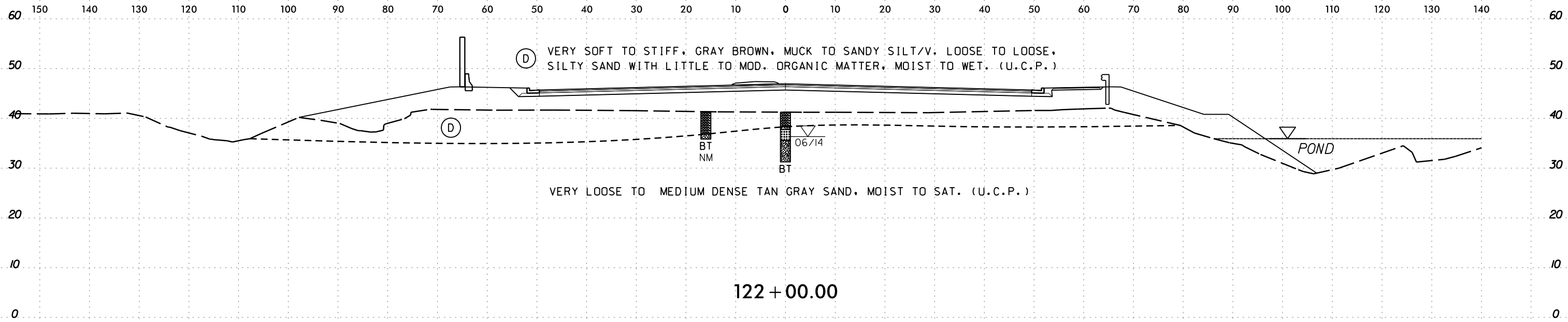
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**SOIL TEST RESULTS**

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)		% MOISTURE	% ORGANIC	
							C.SAND	F.SAND	SILT	CLAY	10	40			200
S-34	40 RT	120+00	0.0-4.5	A-2-5(0)	42	NP	48.0	26.4	19.5	6.0	100	70	28	-	74.6

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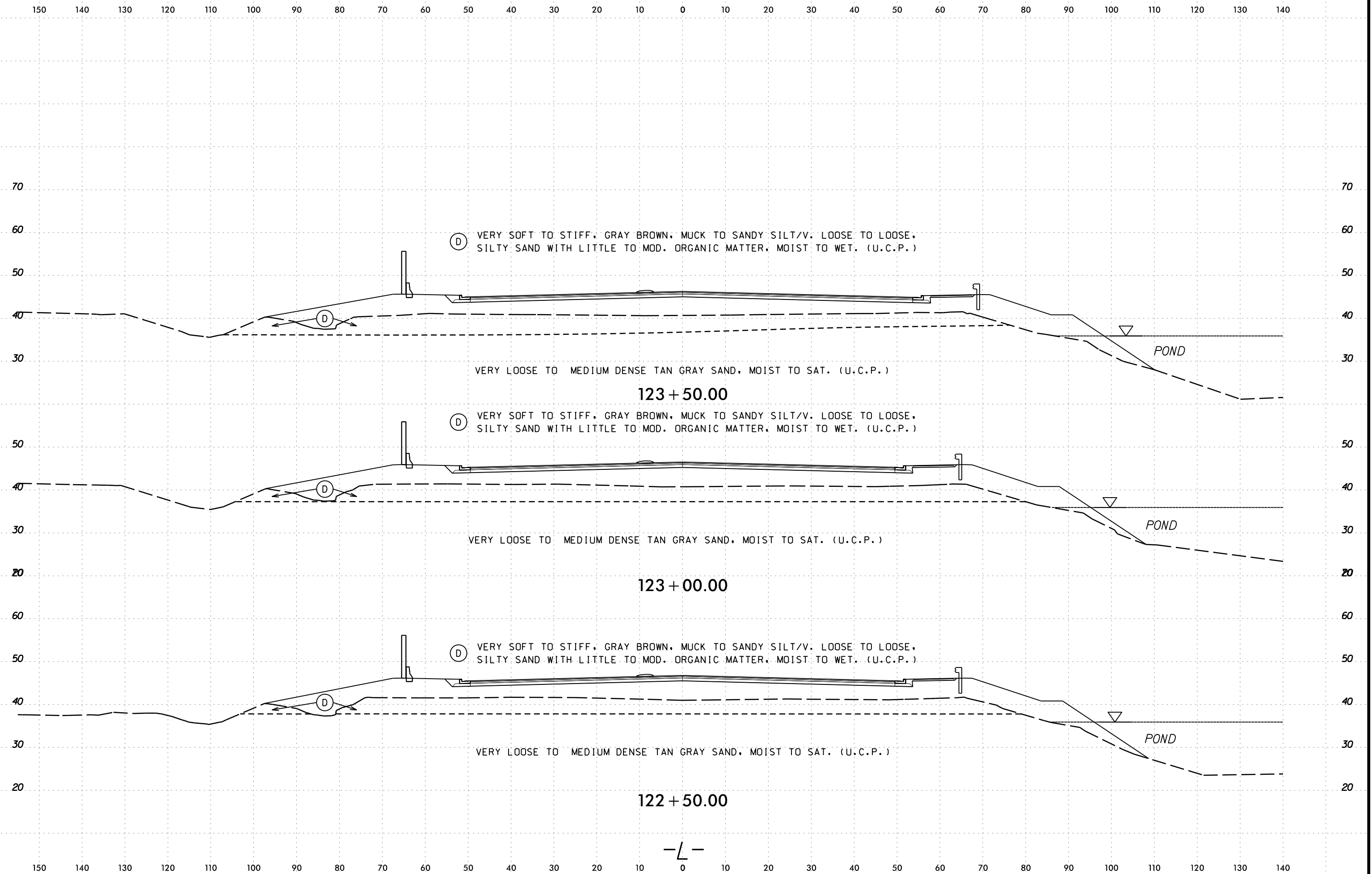


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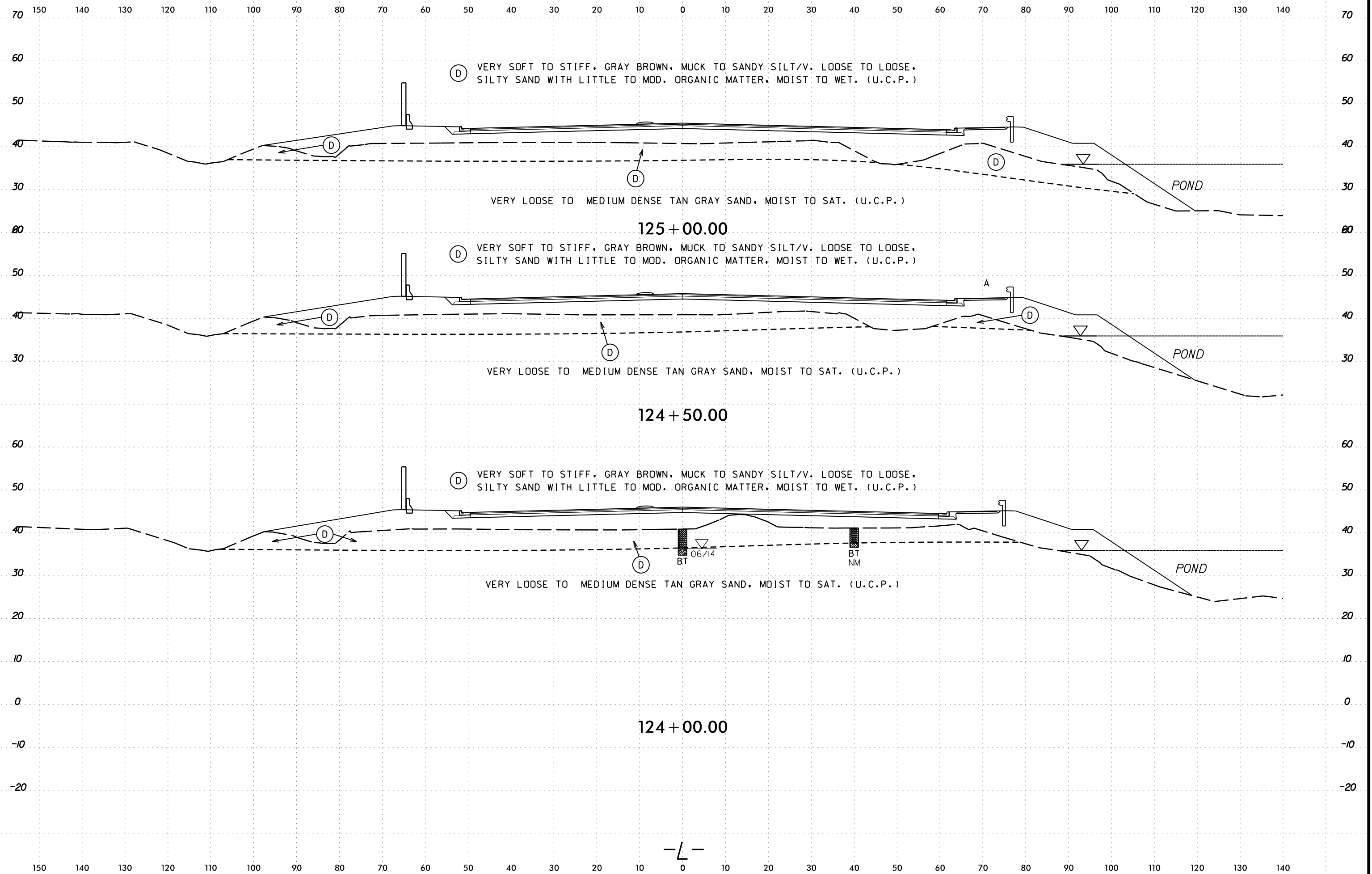
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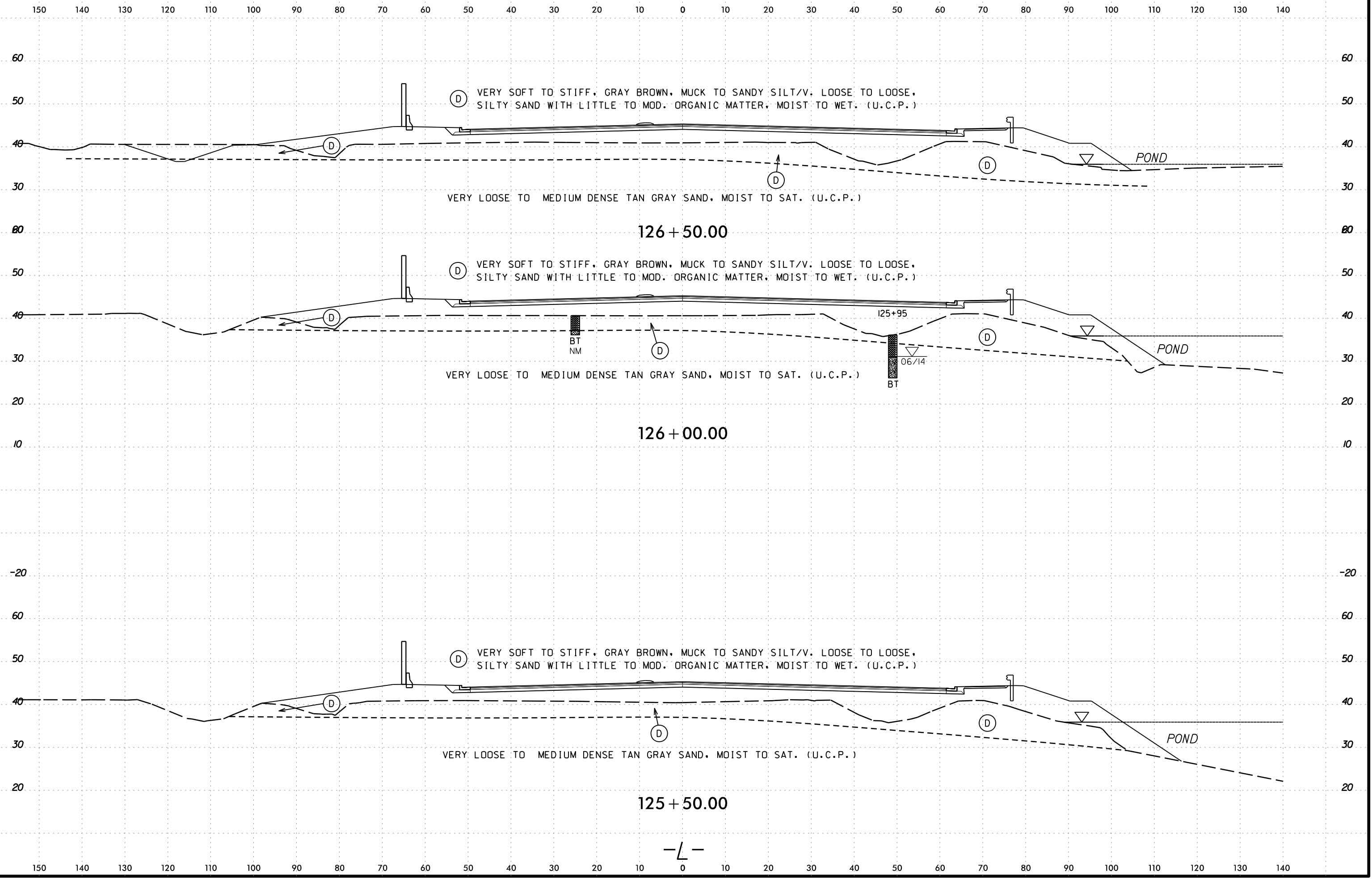
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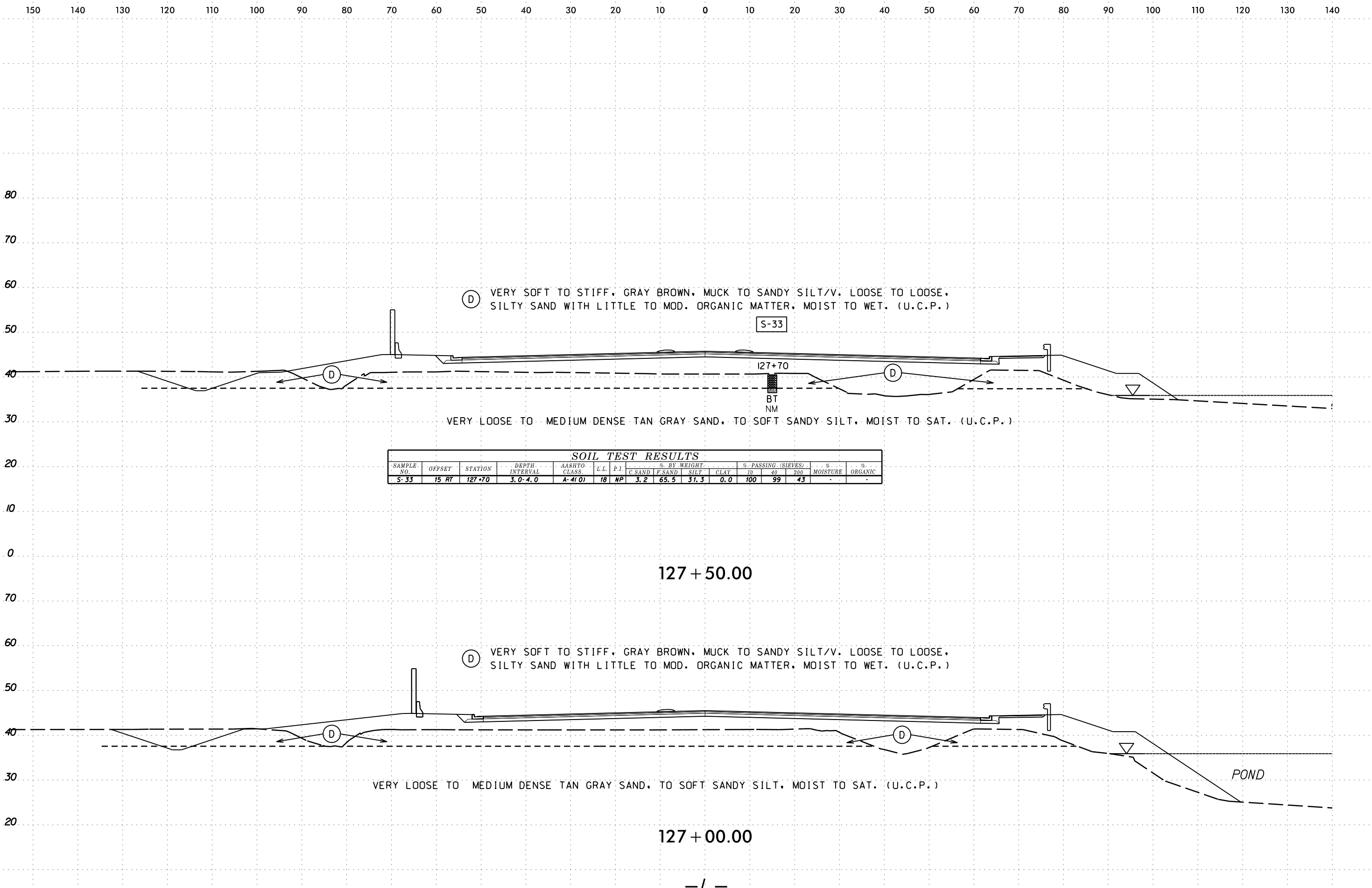


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(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

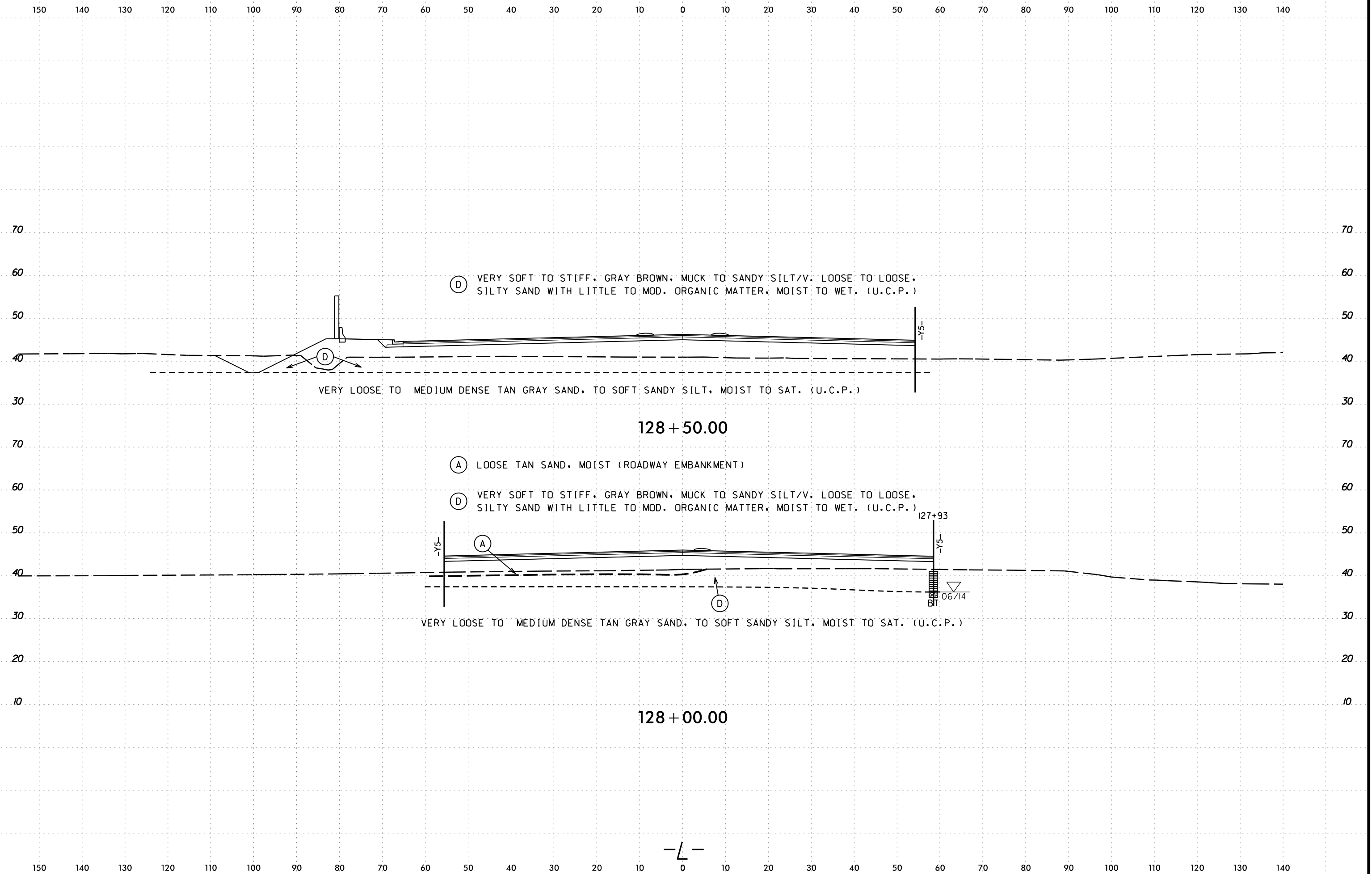
S-33

127+70

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, TO SOFT SANDY SILT, MOIST TO SAT. (U.C.P.)

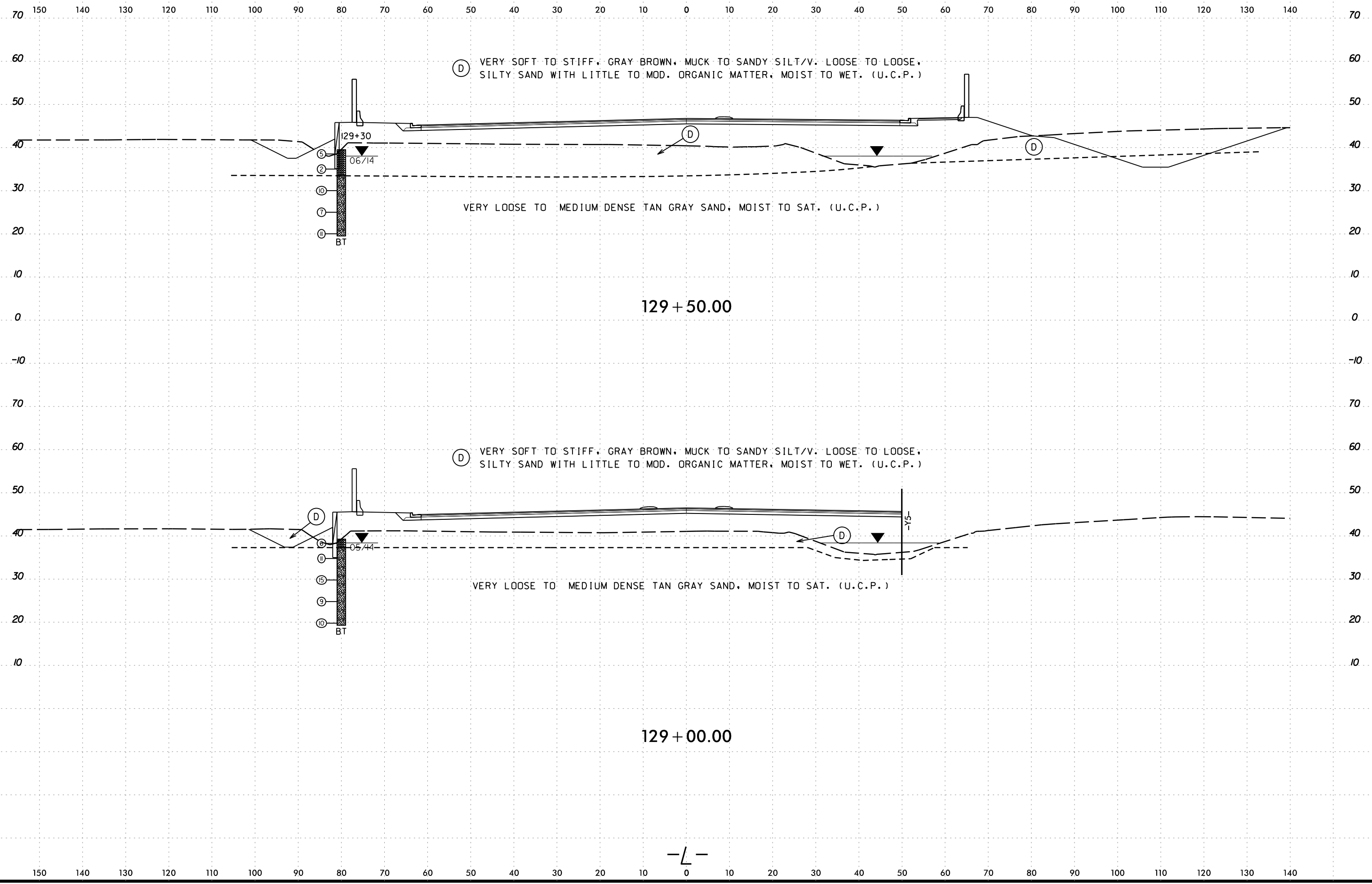
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
S-33	15 RT	127+70	3.0-4.0	A-4(0)	18	NP	3.2	65.5	31.3	0.0	100	99	43	-	-

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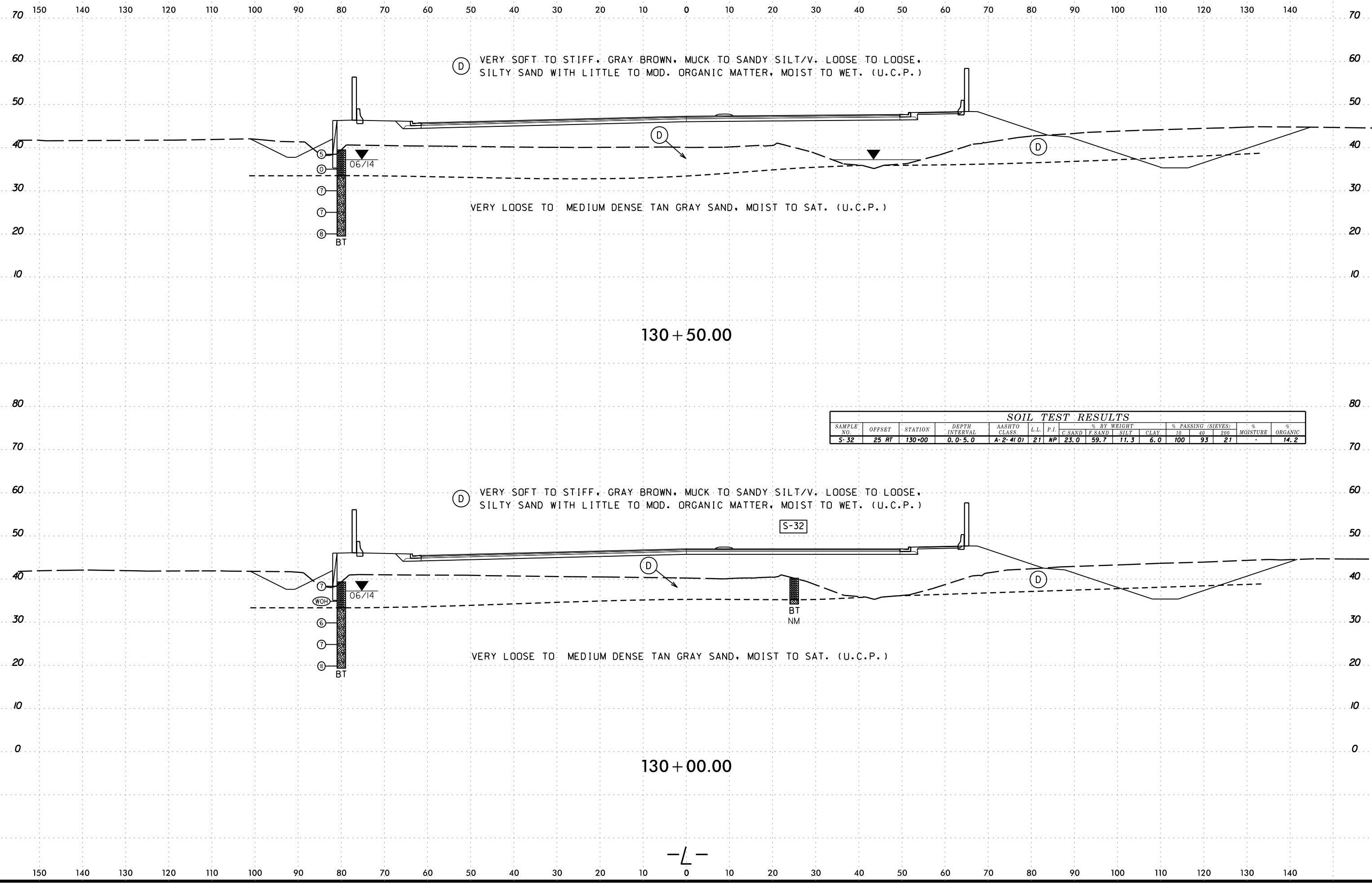


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DICKERSON

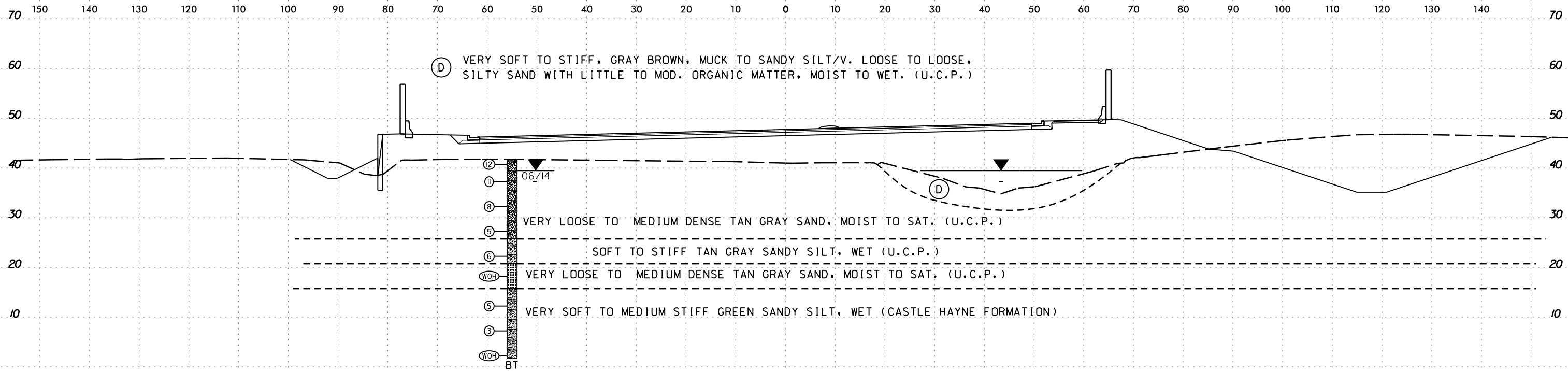


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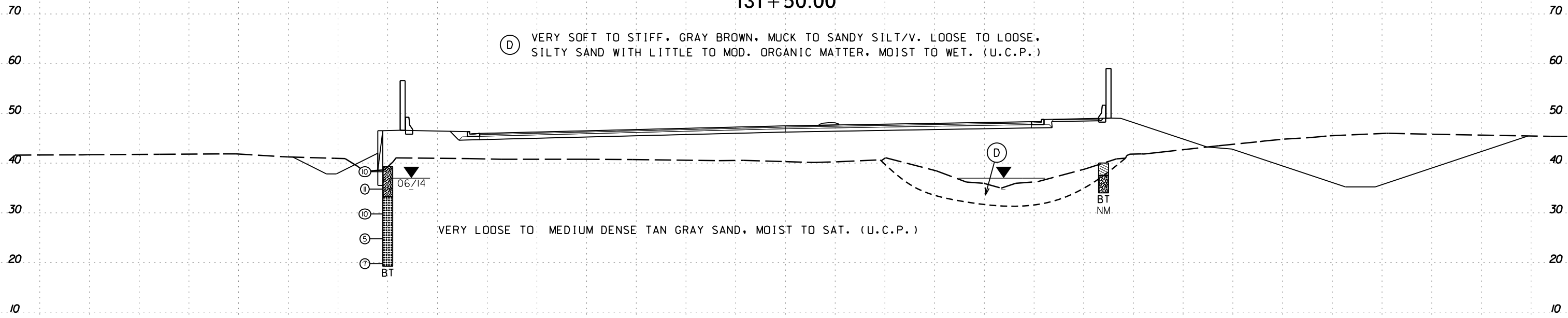


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-32	25 RT	130+00	0.0-5.0	A-2-4(0)	21	NP	23.0	59.7	11.3	6.0	100	93	21	-	14.2

-L-



131 + 50.00

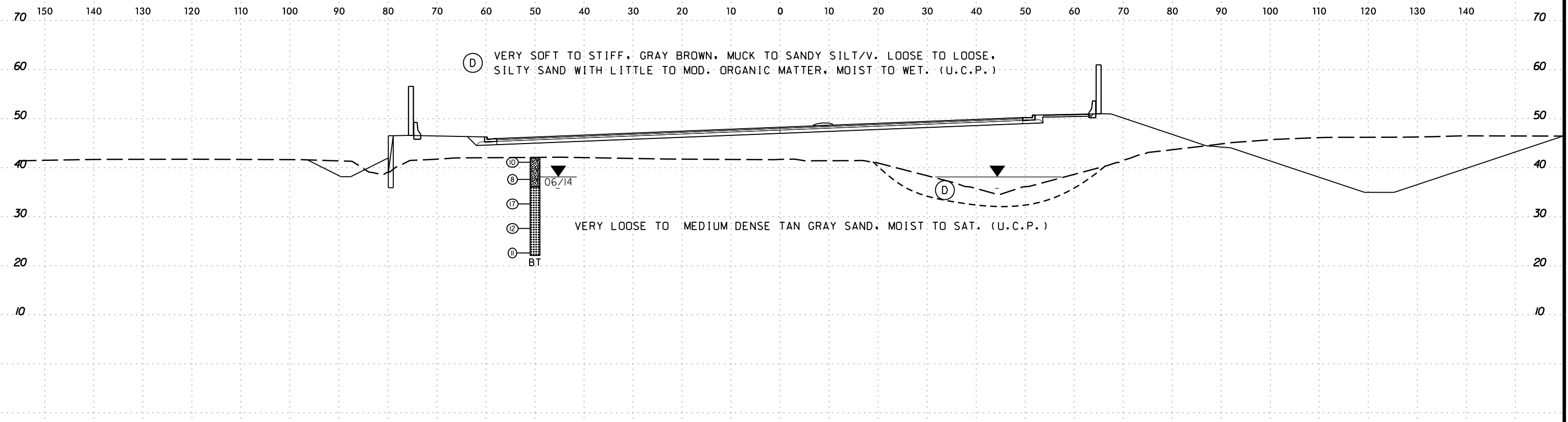


131 + 00.00

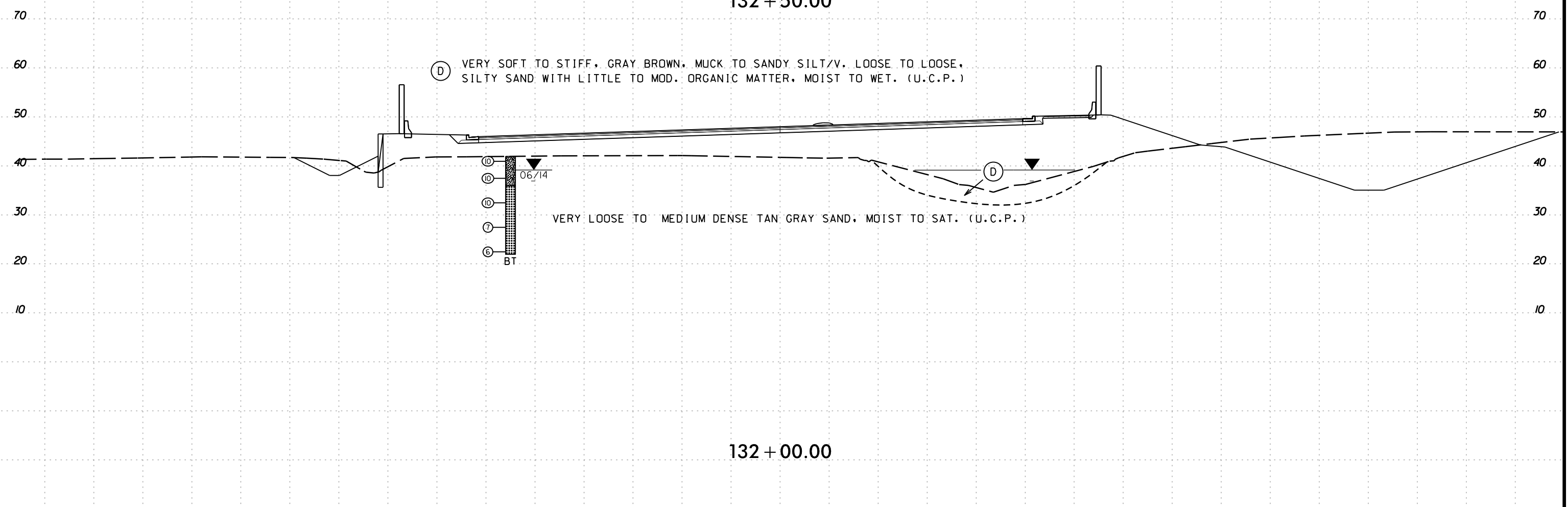
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6/23/16



132 + 50.00



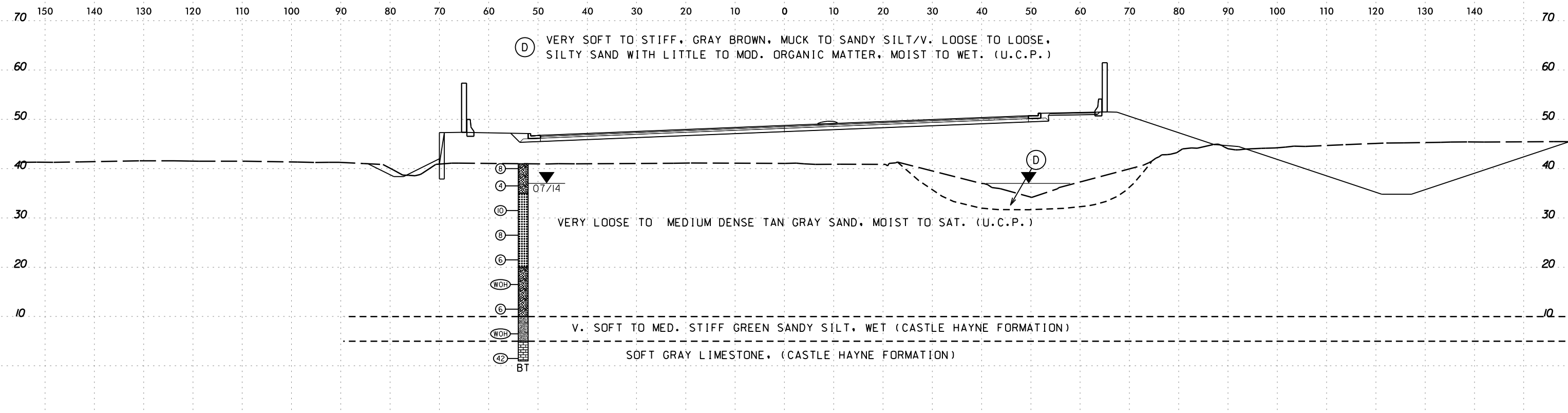
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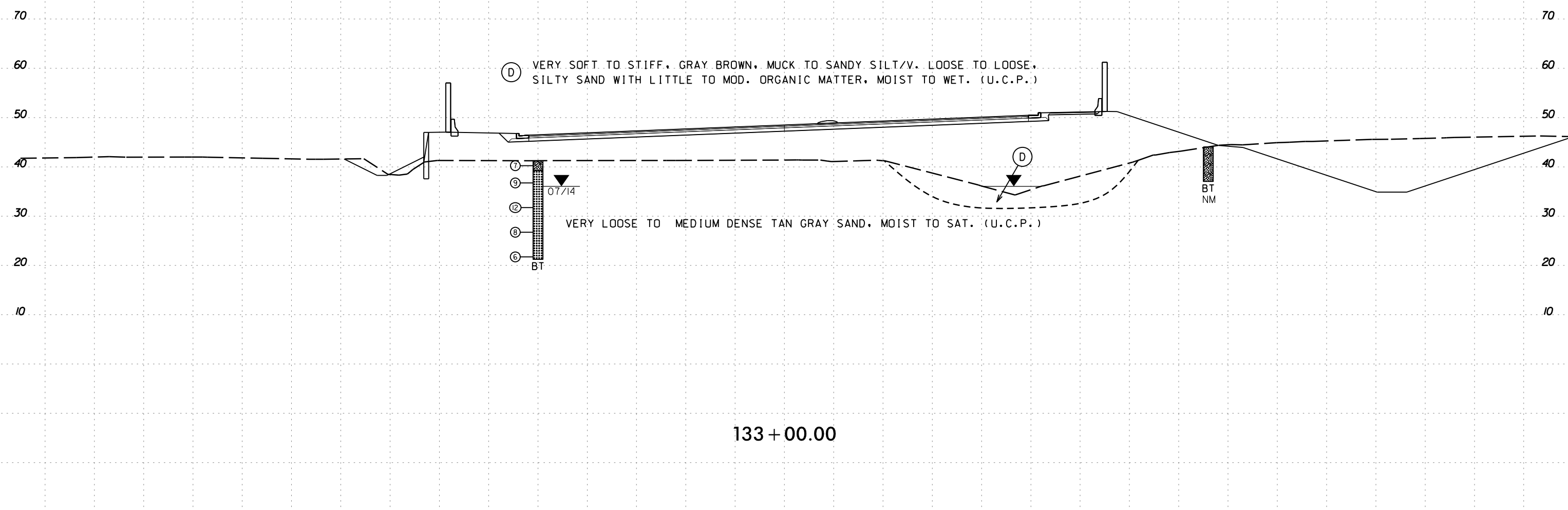
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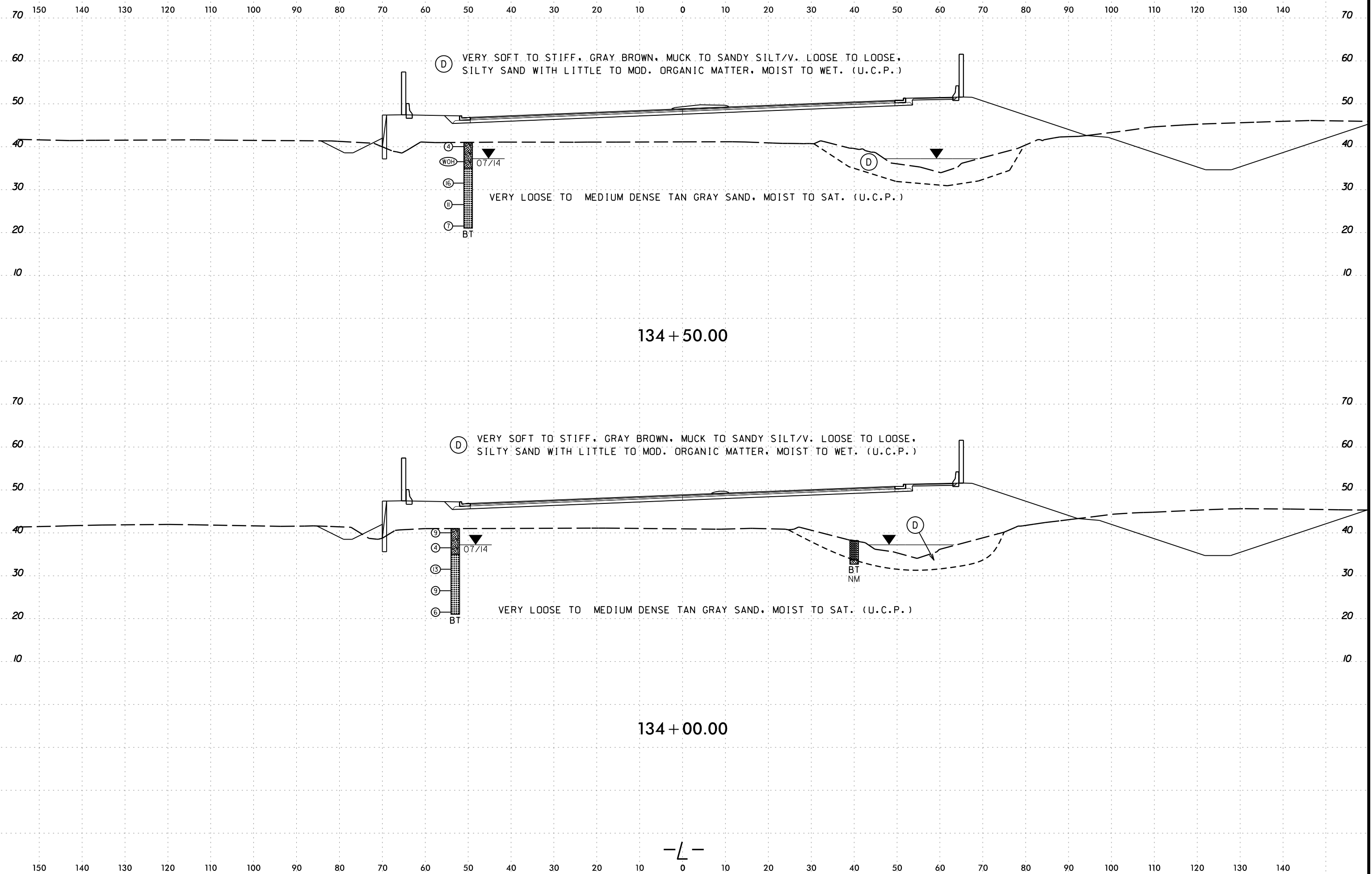
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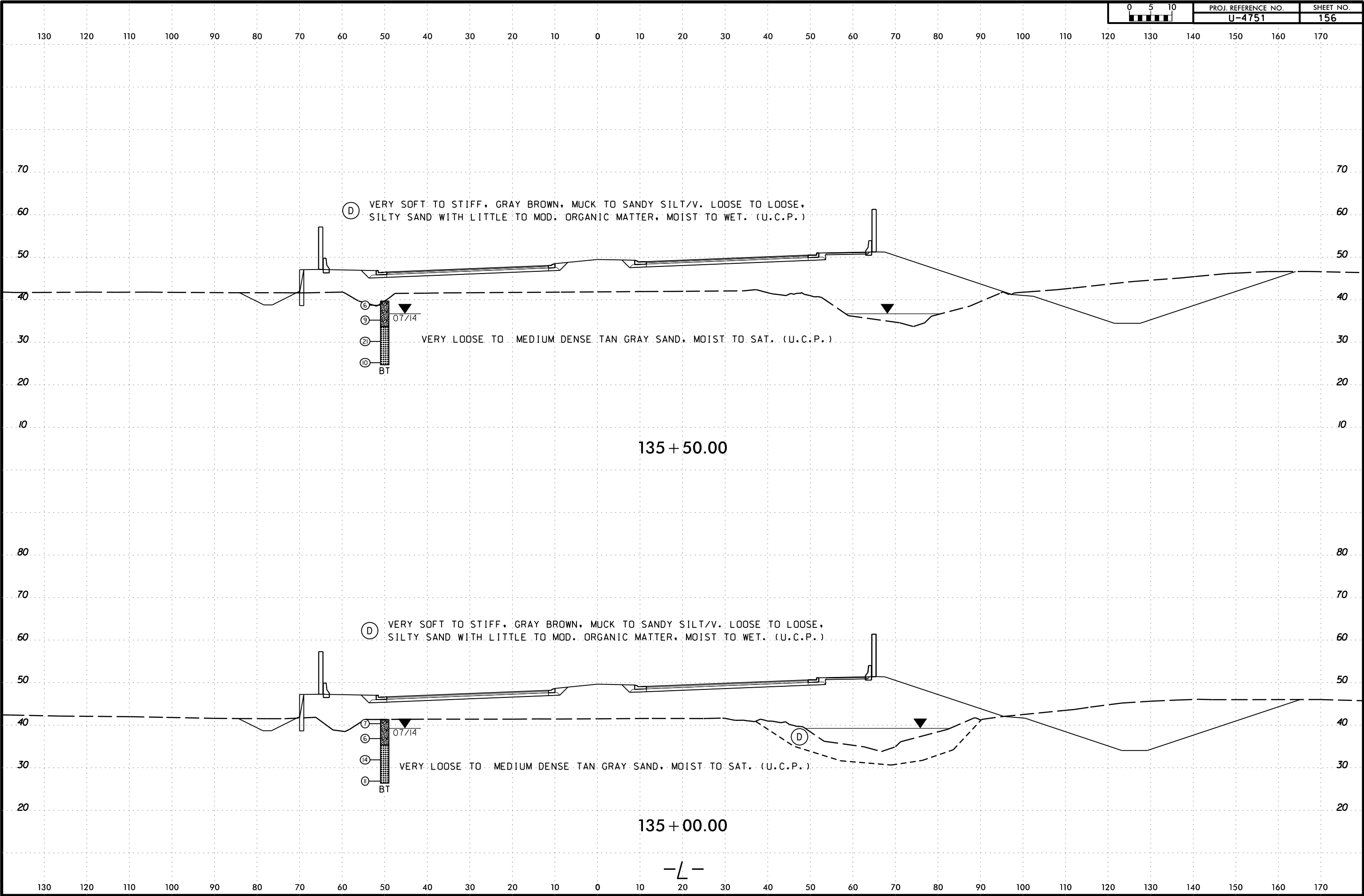
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① VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

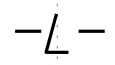
② VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

① VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

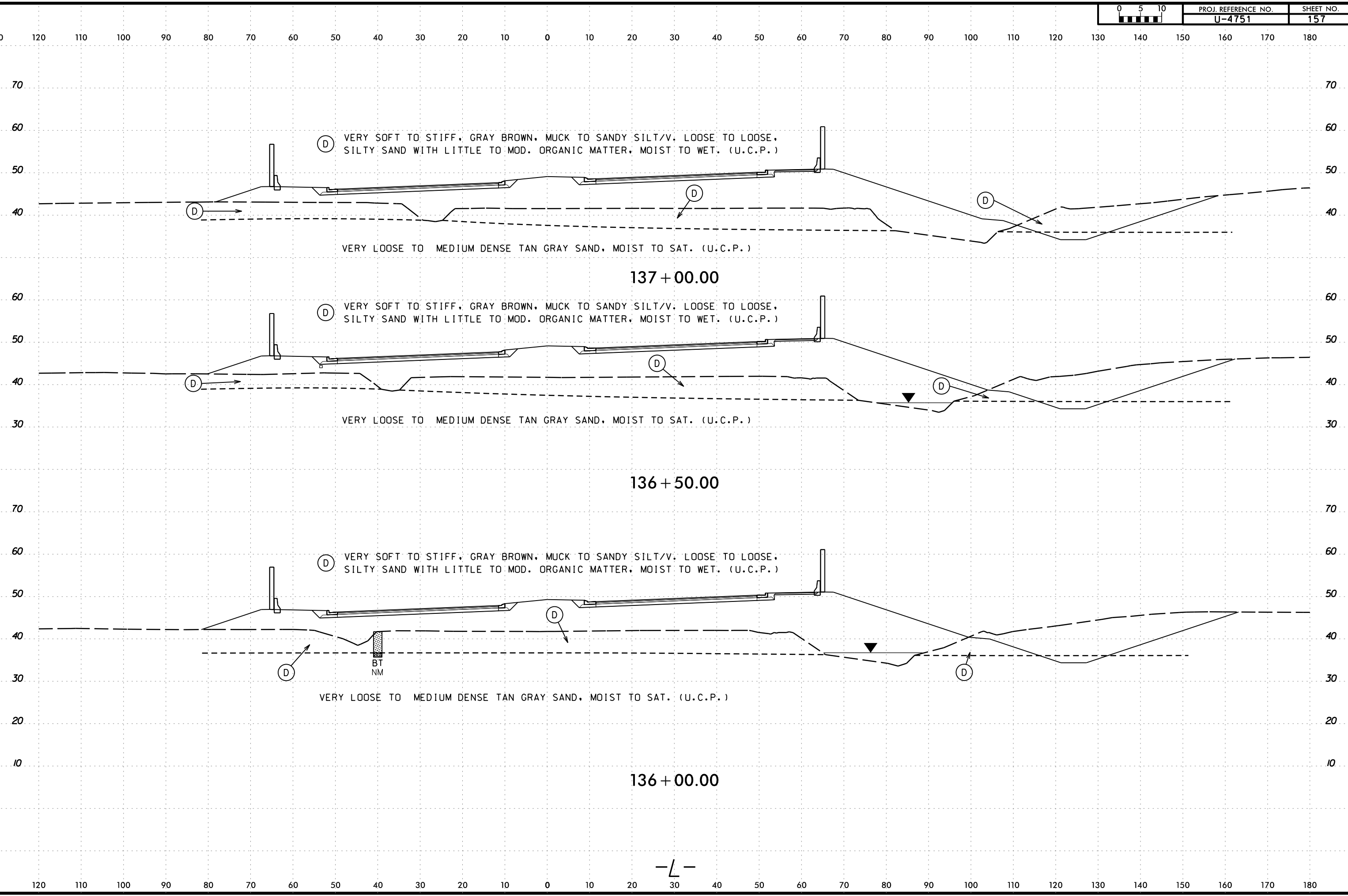
② VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

135+50.00

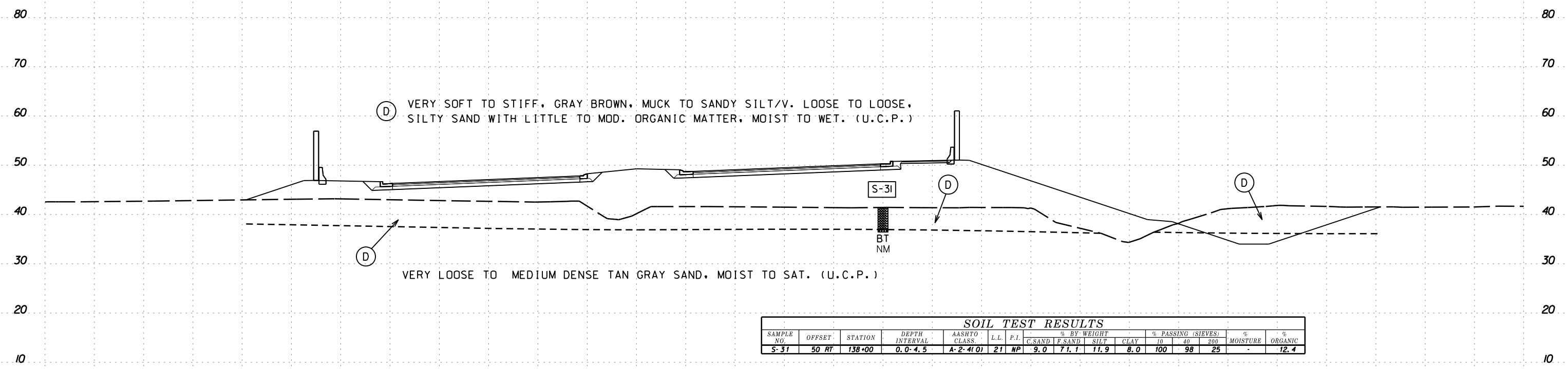
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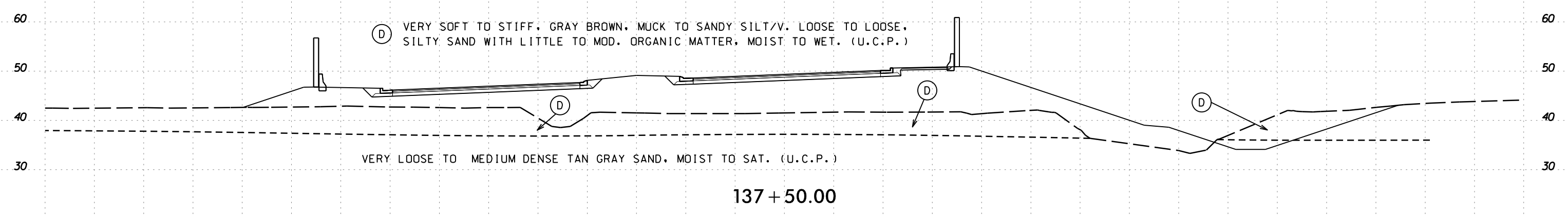


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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-31	50 RT	138+00	0.0-4.5	A-2-4(0)	21	NP	9.0	71.1	11.9	8.0	100	98	25	-	12.4

138 + 00.00

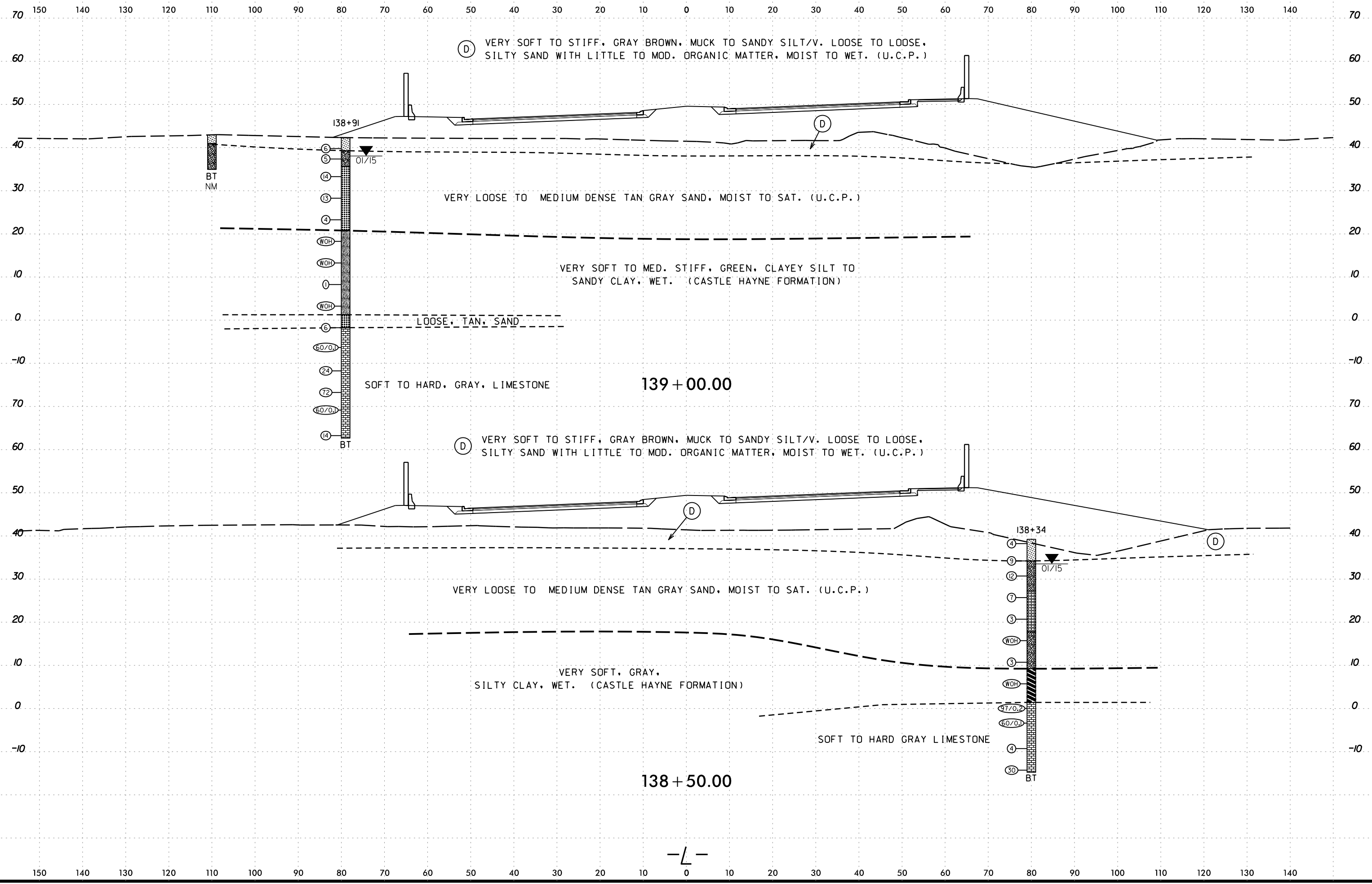


137 + 50.00

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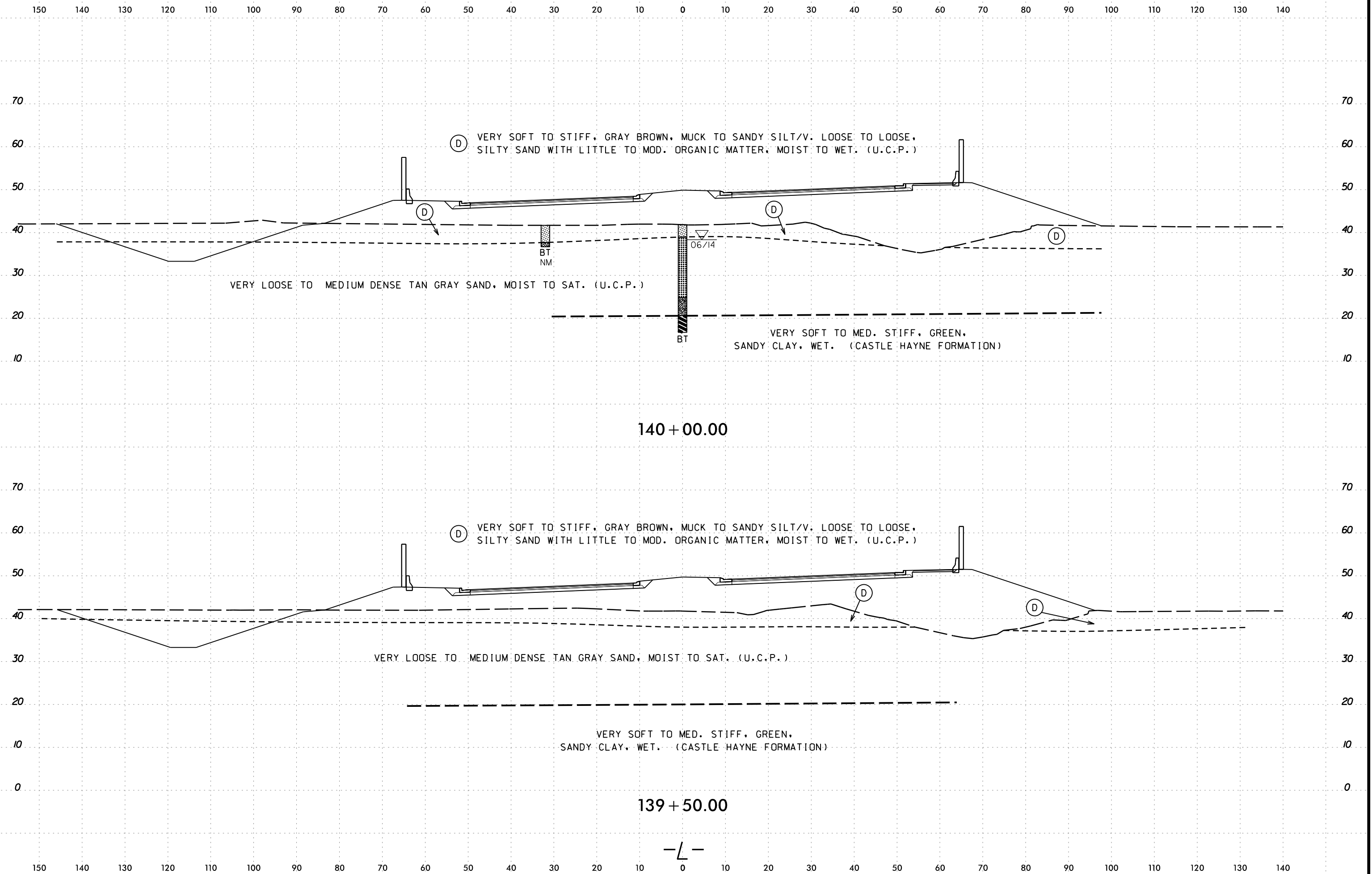
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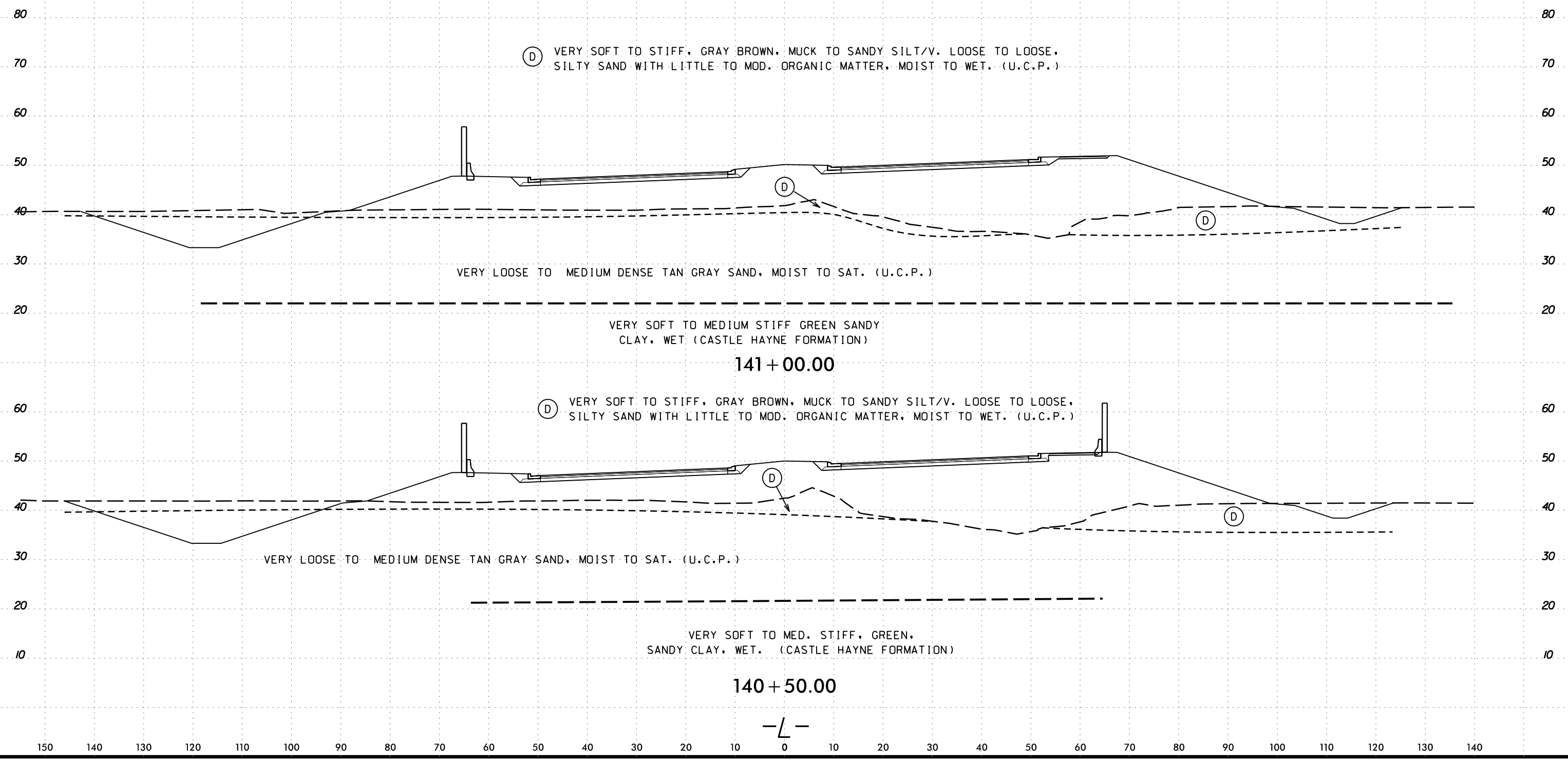
140+00.00

139+50.00

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

VERY SOFT TO MEDIUM STIFF GREEN SANDY CLAY, WET. (CASTLE HAYNE FORMATION)

141+00.00

(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

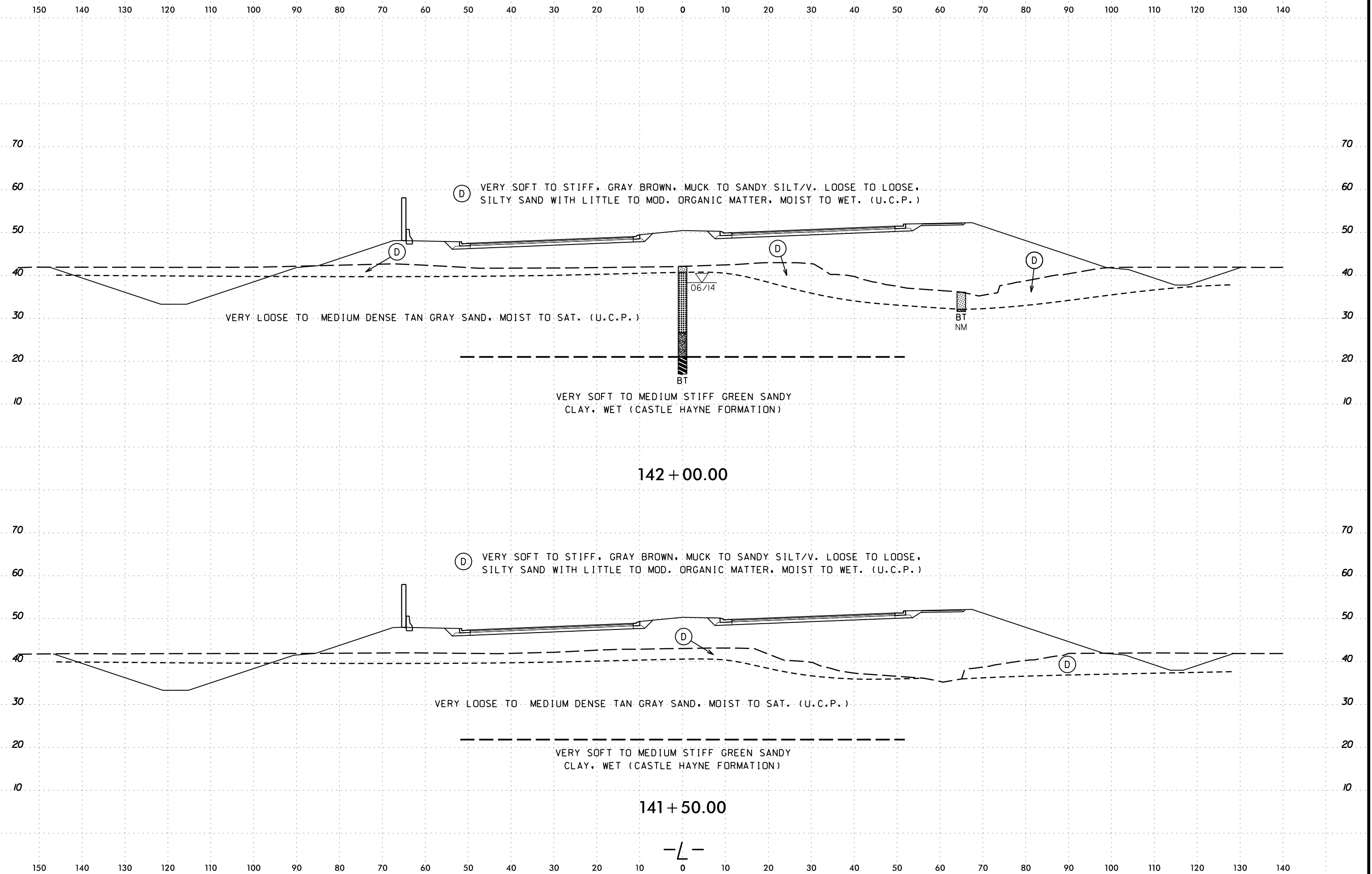
VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

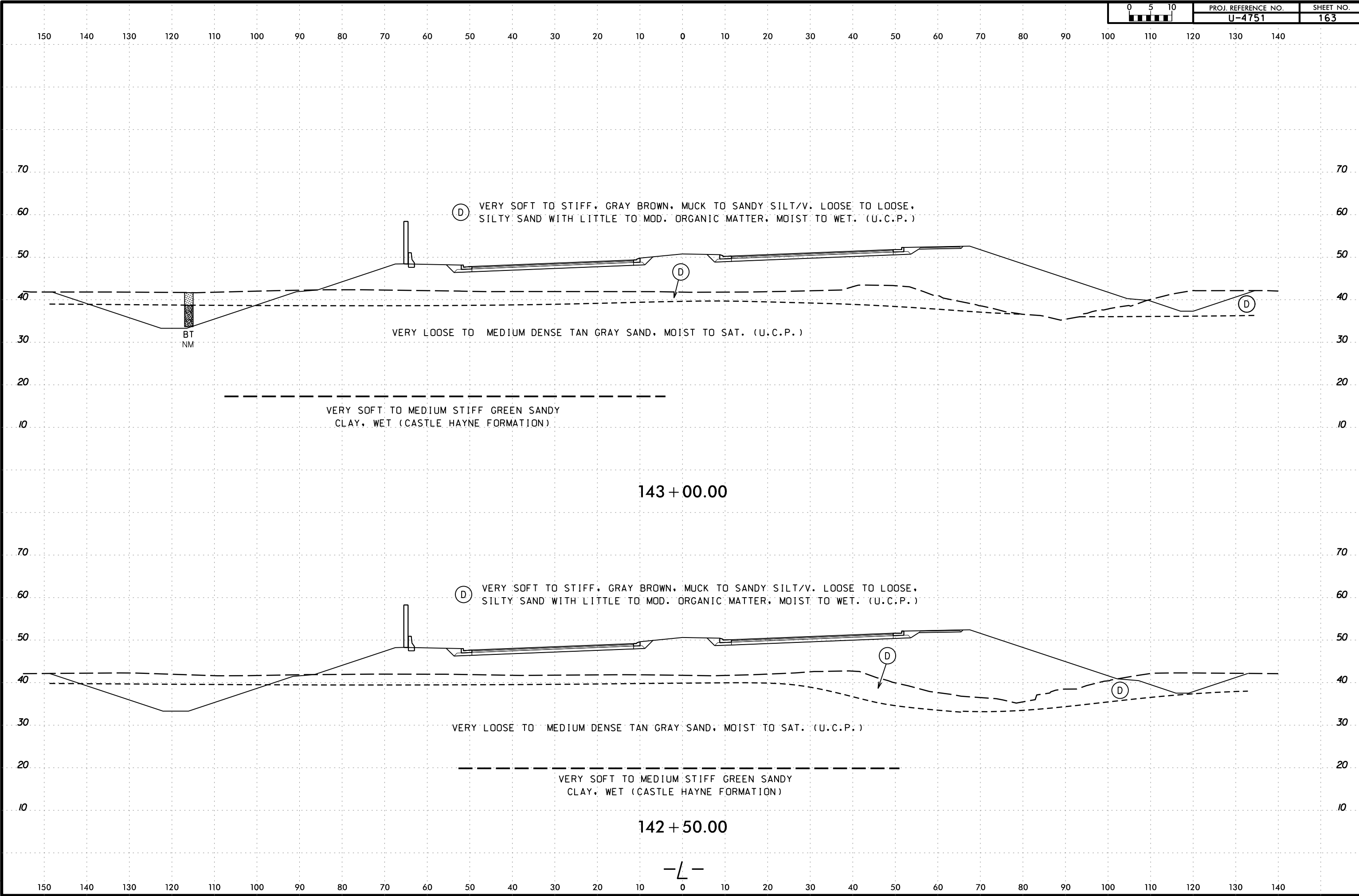
VERY SOFT TO MED. STIFF, GREEN, SANDY CLAY, WET. (CASTLE HAYNE FORMATION)

140+50.00

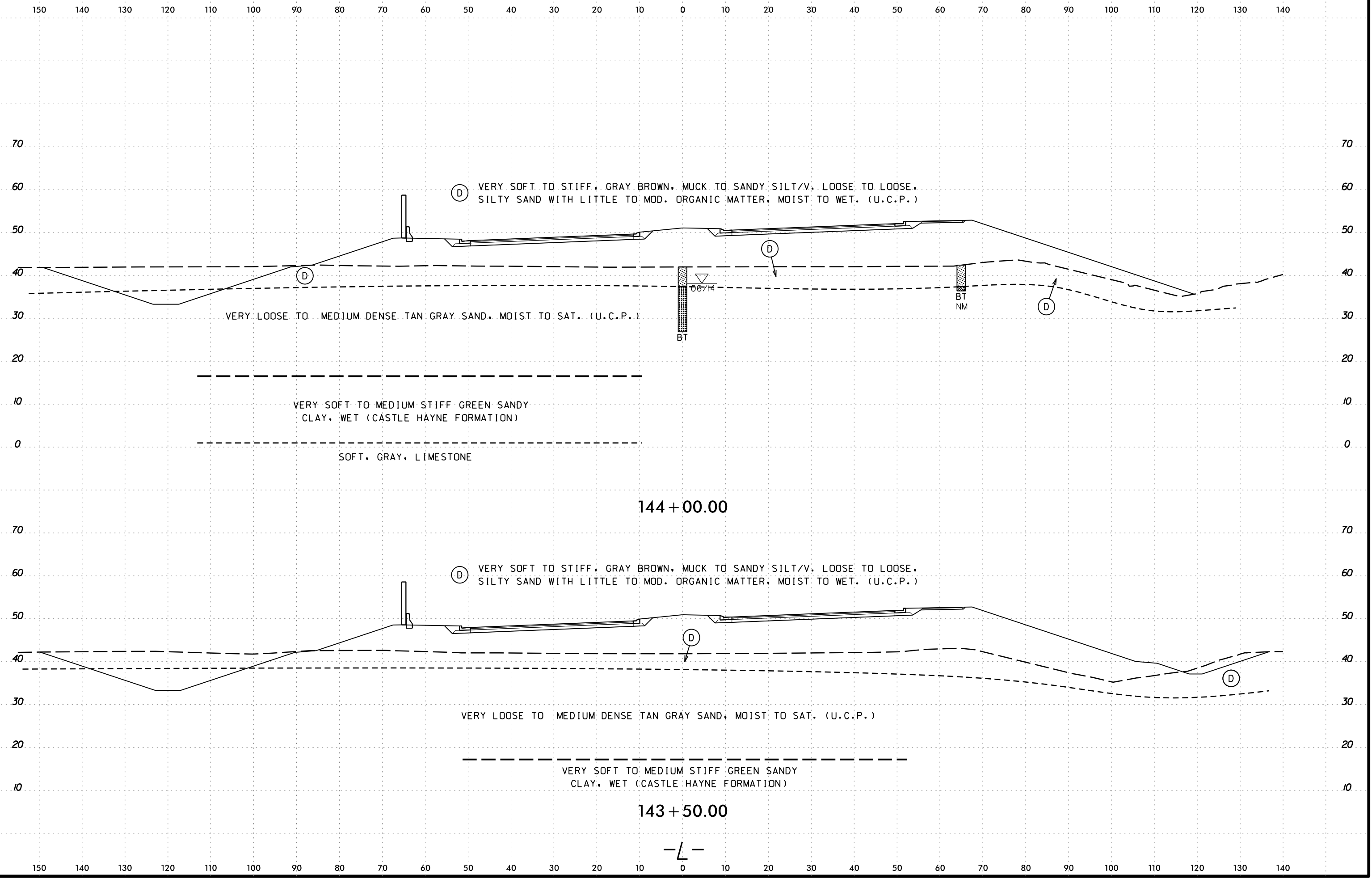
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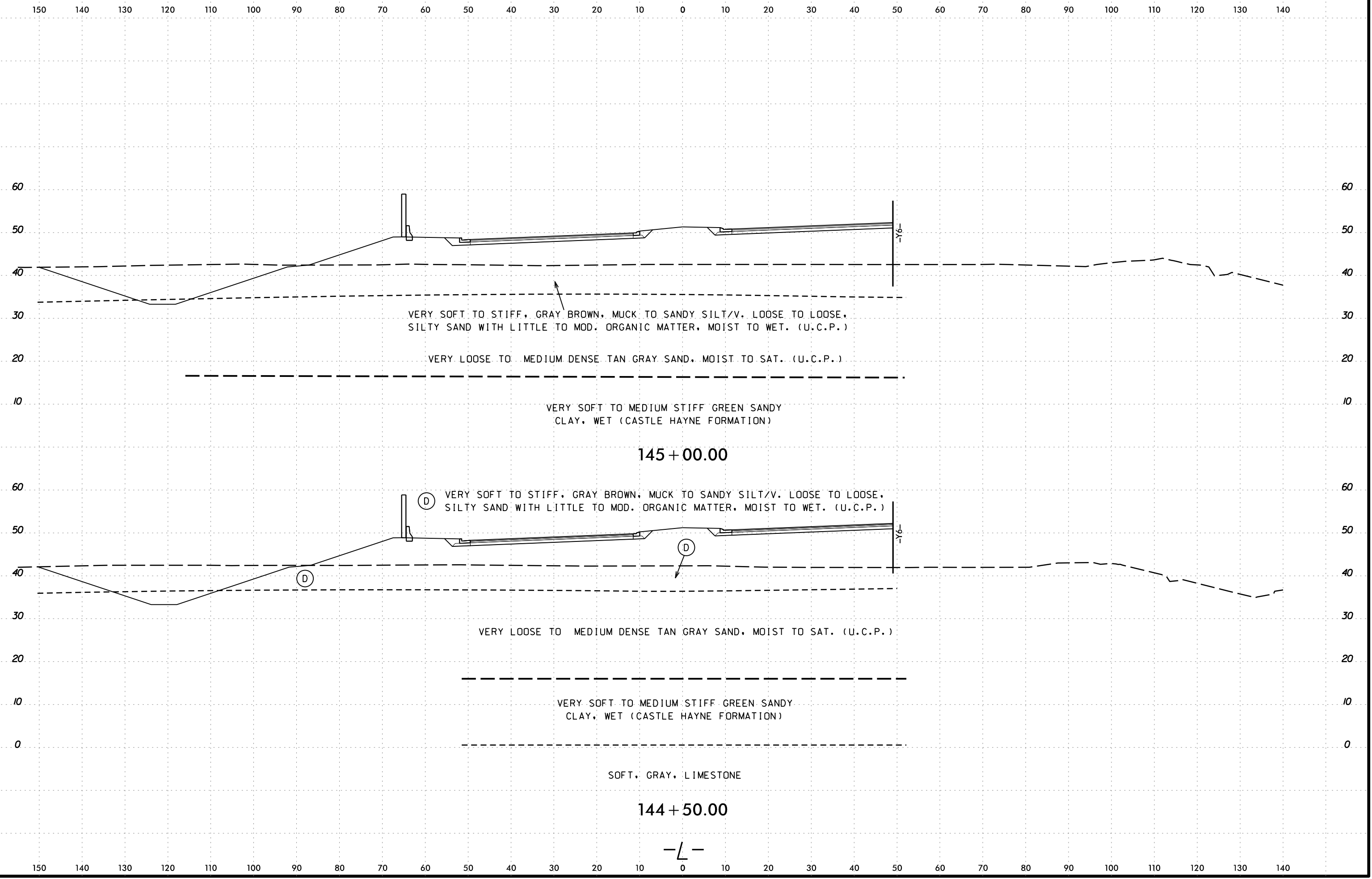


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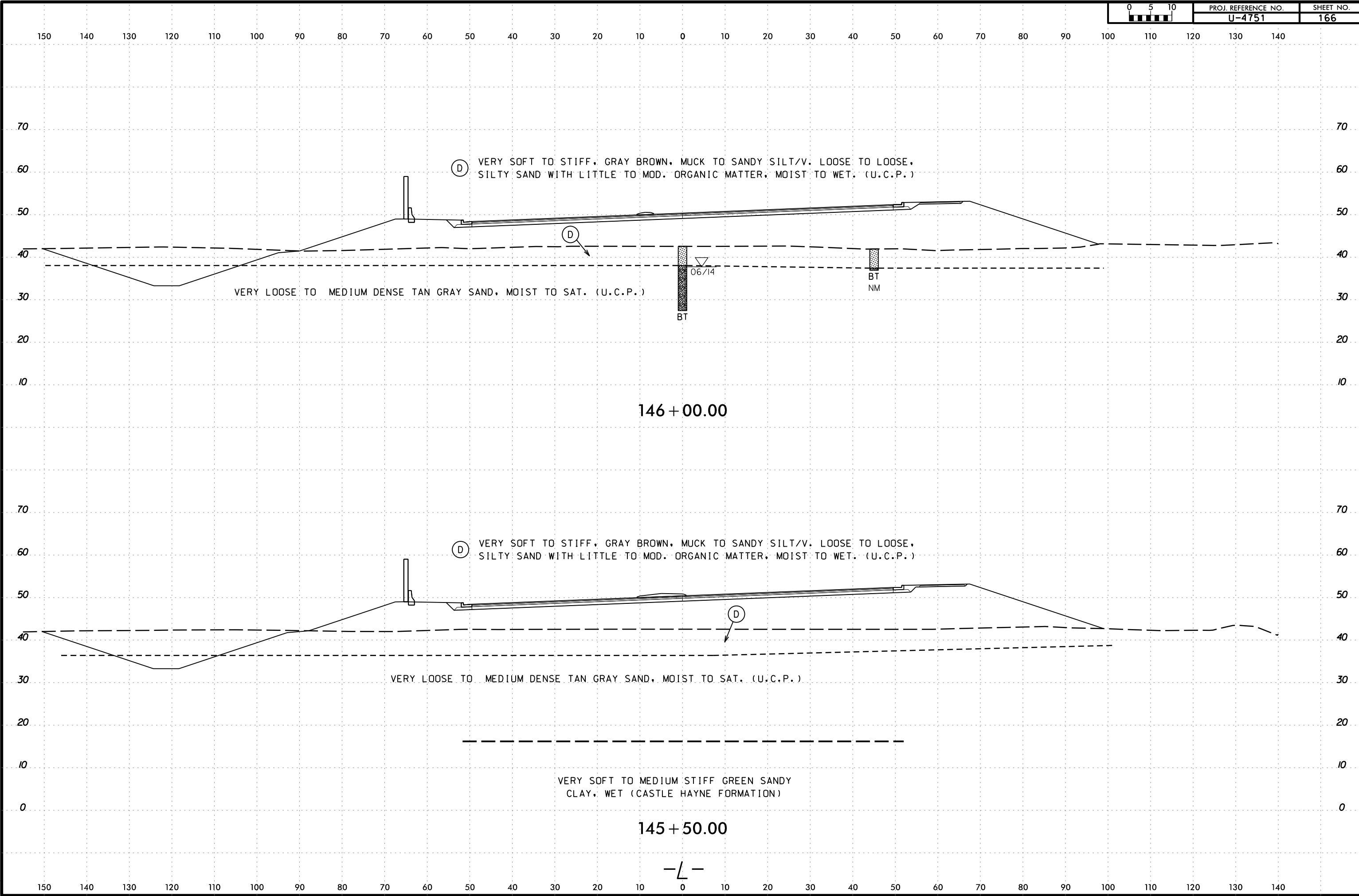


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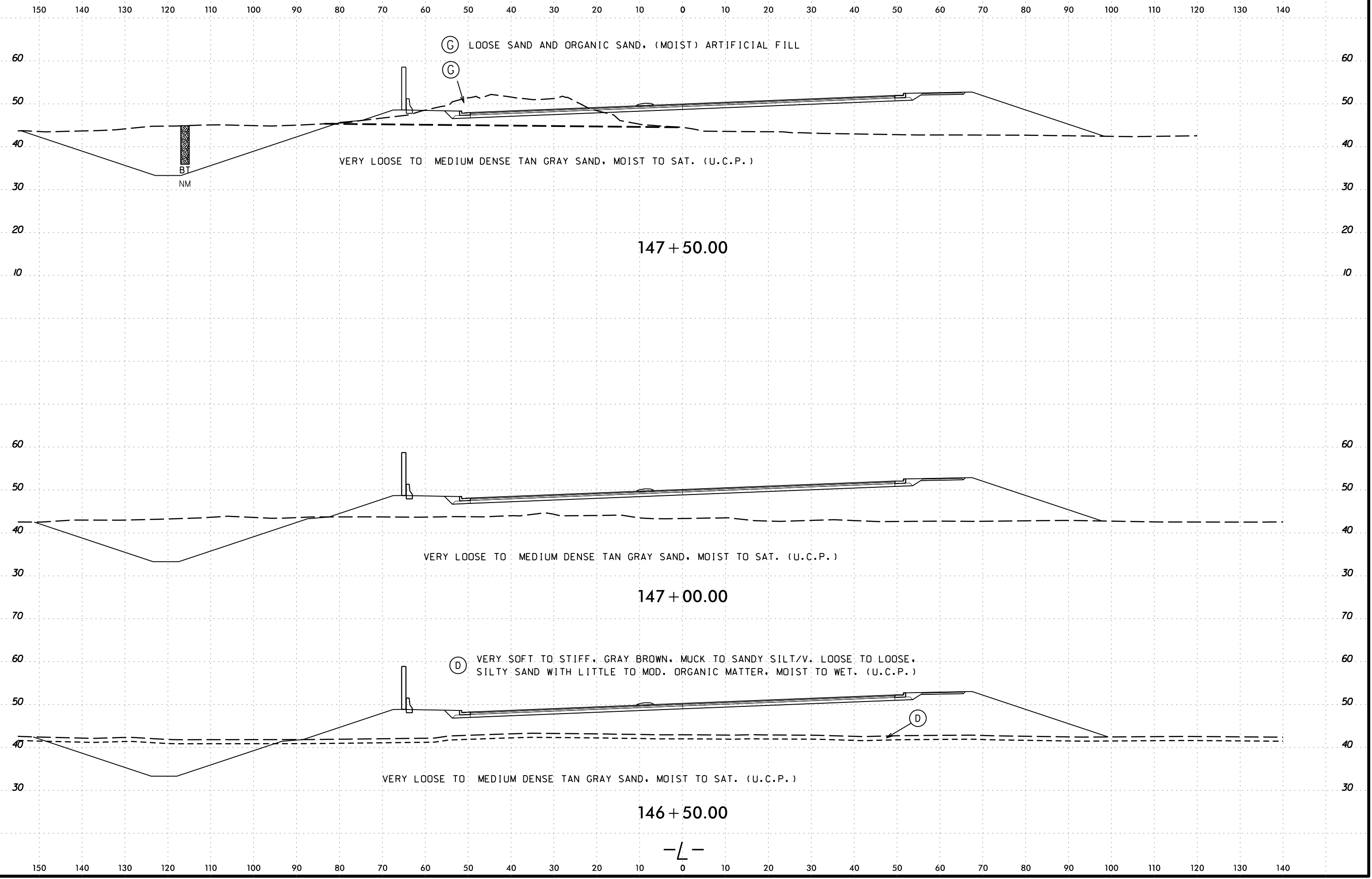
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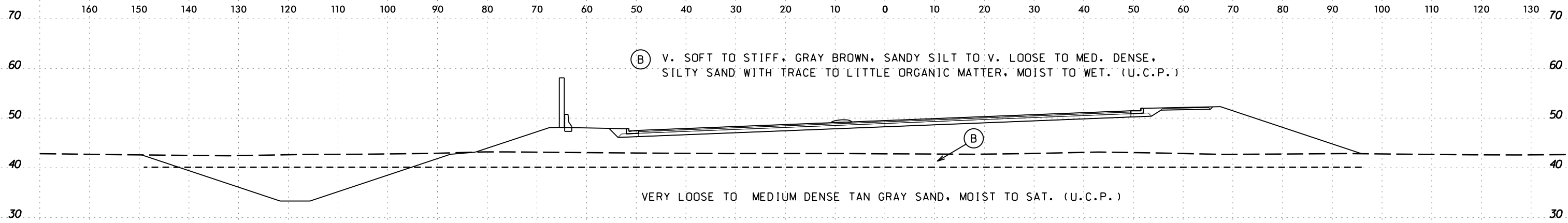
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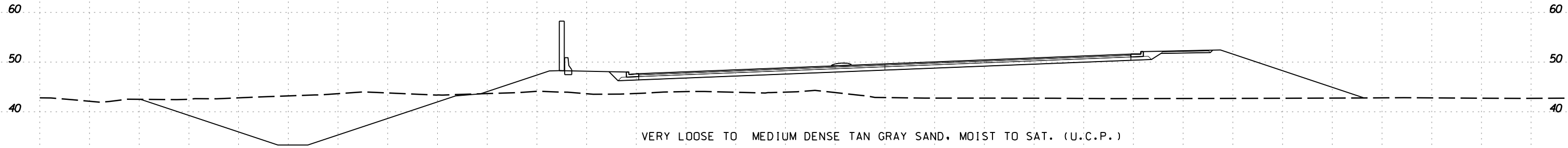


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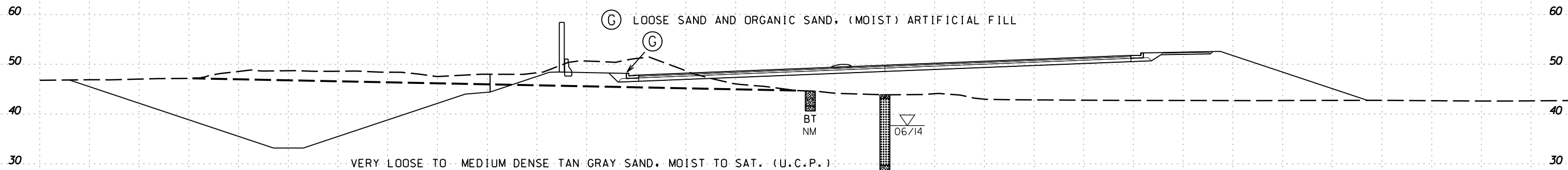




149 + 00.00



148 + 50.00



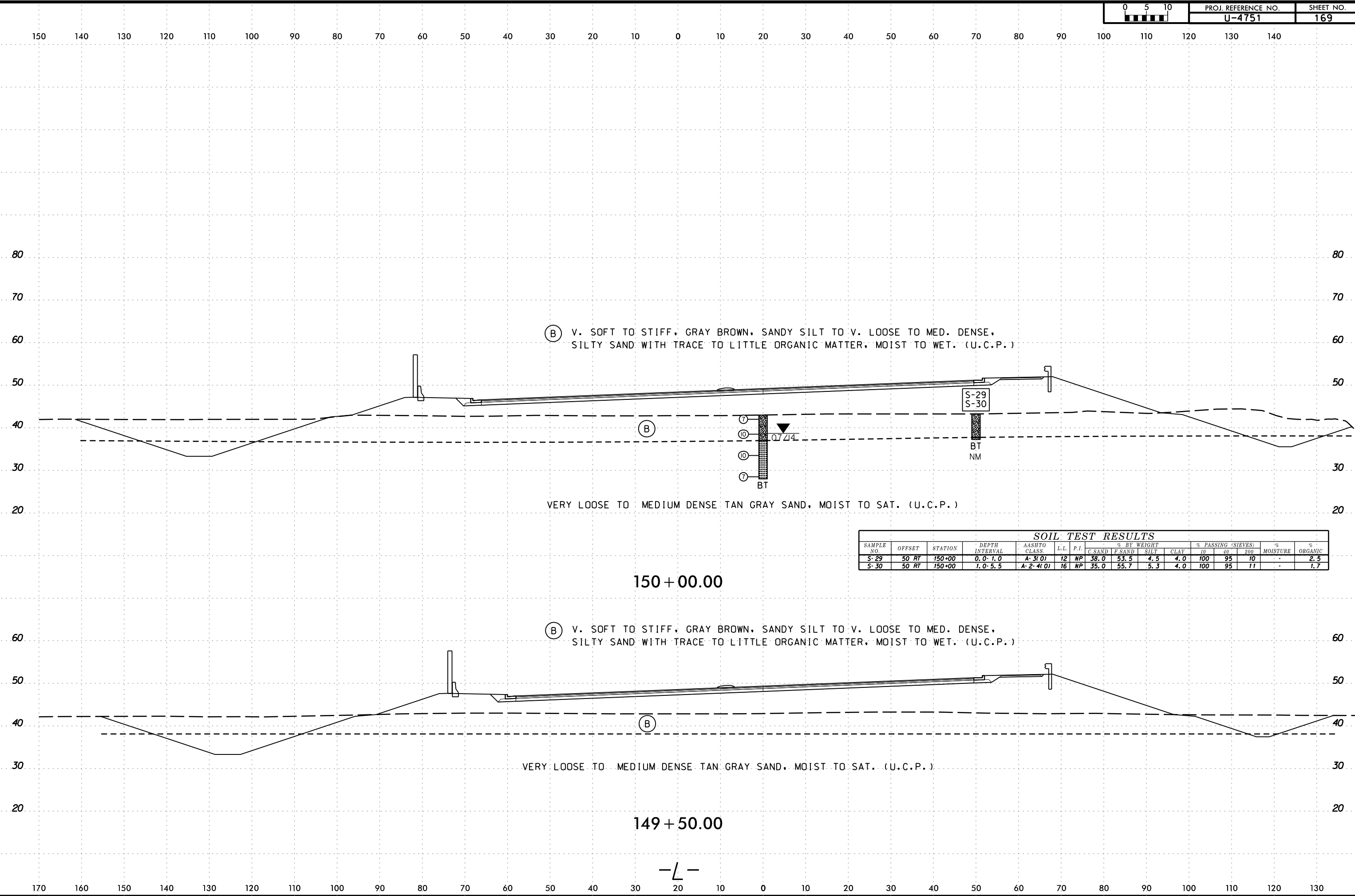
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(B) V. SOFT TO STIFF, GRAY BROWN, SANDY SILT TO V. LOOSE TO MED. DENSE, SILTY SAND WITH TRACE TO LITTLE ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
S-29	50 RT	150+00	0.0-1.0	A-3(0)	12	NP	38.0	53.5	4.5	4.0	100	95	10	-	2.5
S-30	50 RT	150+00	1.0-5.5	A-2-4(0)	16	NP	35.0	55.7	5.3	4.0	100	95	11	-	1.7

150+00.00

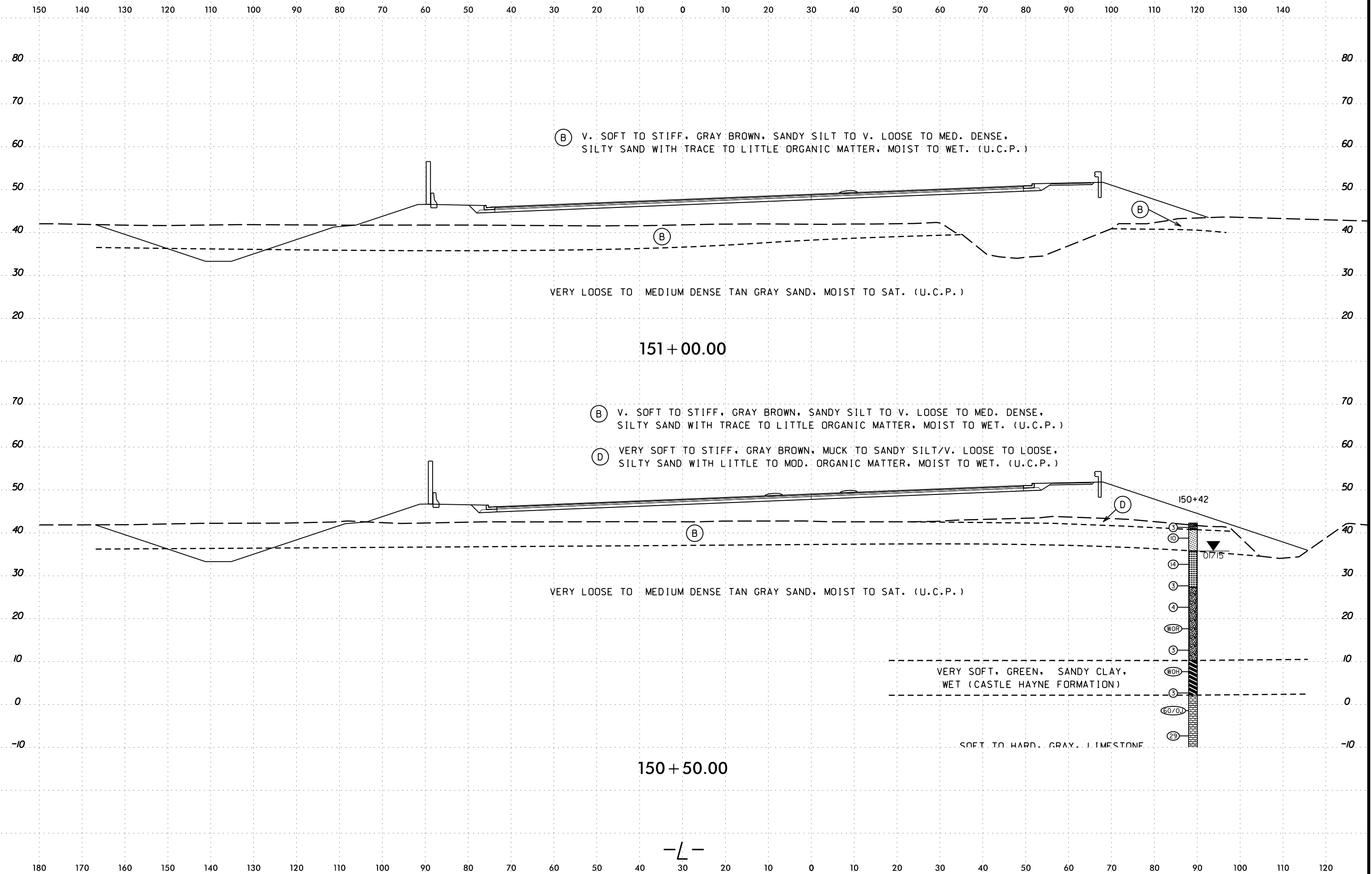
(B) V. SOFT TO STIFF, GRAY BROWN, SANDY SILT TO V. LOOSE TO MED. DENSE, SILTY SAND WITH TRACE TO LITTLE ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

149+50.00

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DICKERSON



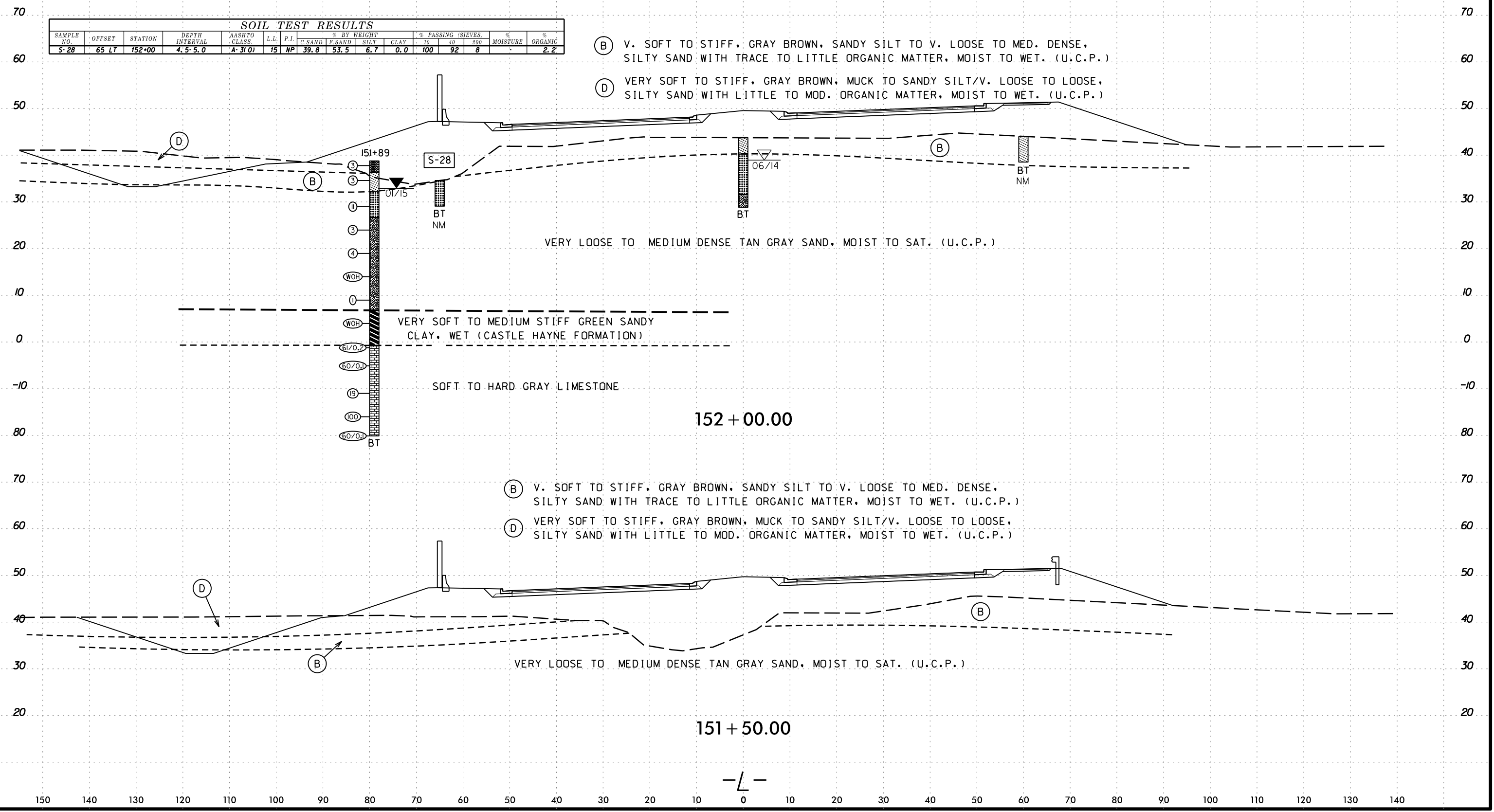
-L-

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 d:\cpherson

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

SOIL TEST RESULTS													
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	C.SAND	F.SAND	SILT	CLAY	% PASSING (SIEVES)	% MOISTURE	% ORGANIC
5-28	65 LT	152+00	4.5-5.0	A-3(0)	15	NP	39.8	53.5	6.7	0.0	100	92	8

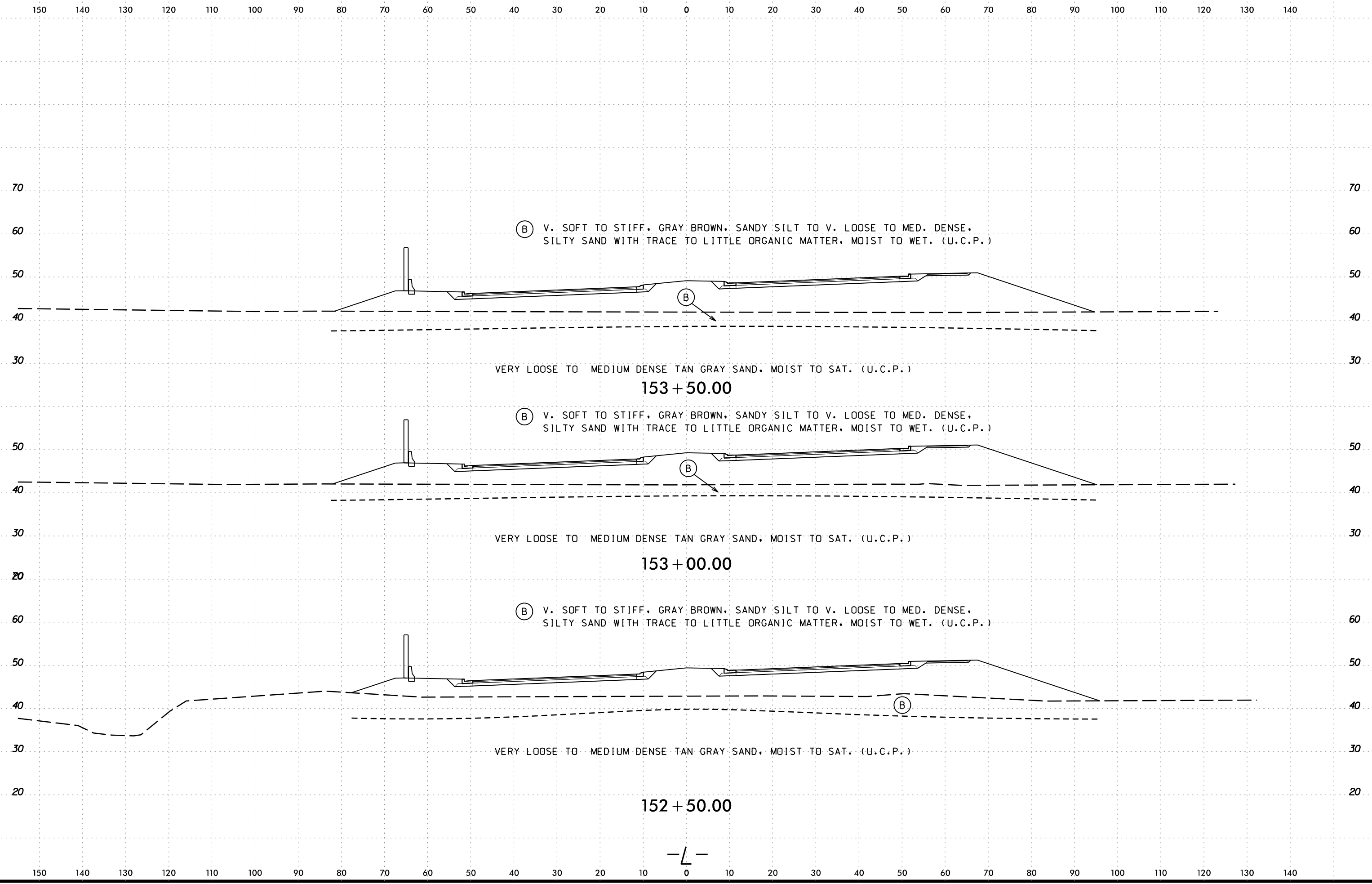
- (B) V. SOFT TO STIFF, GRAY BROWN, SANDY SILT TO V. LOOSE TO MED. DENSE, SILTY SAND WITH TRACE TO LITTLE ORGANIC MATTER, MOIST TO WET. (U.C.P.)
- (D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE, SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)



152 + 00.00

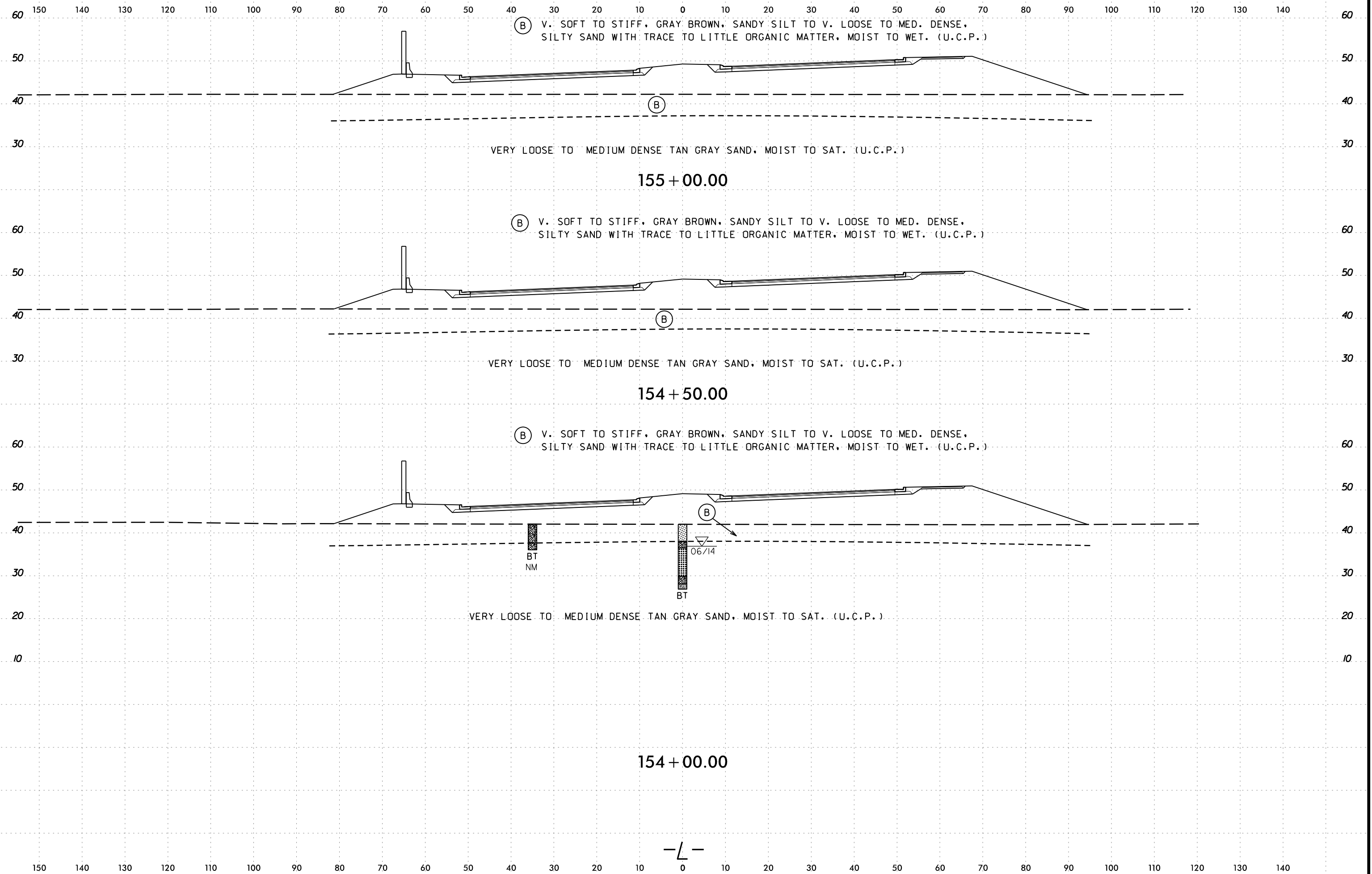
151 + 50.00

-L-



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DICKERSON



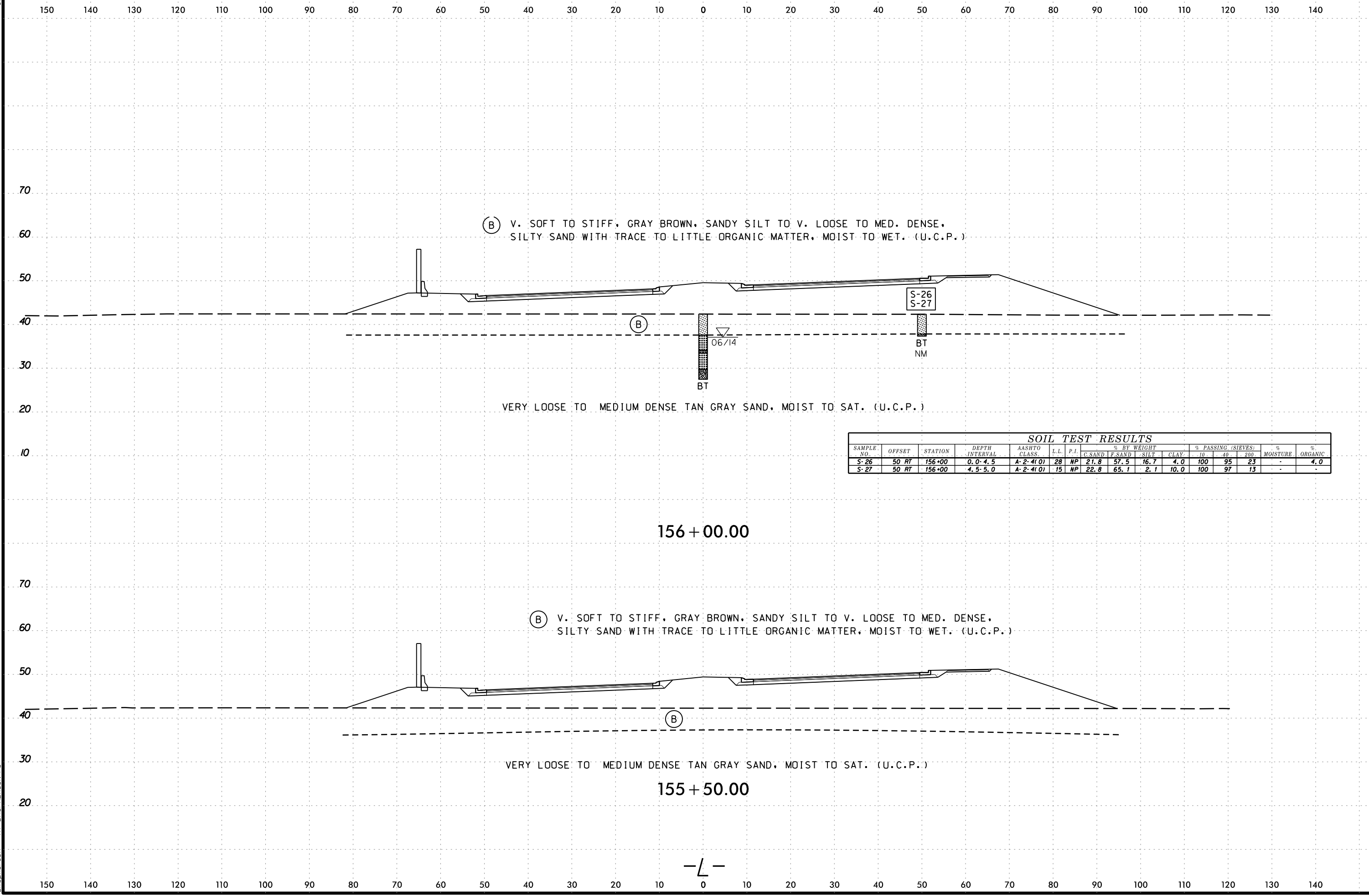
155 + 00.00

154 + 50.00

154 + 00.00

-L-

09-NOV-2016 09:42  
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 d:\mcherson

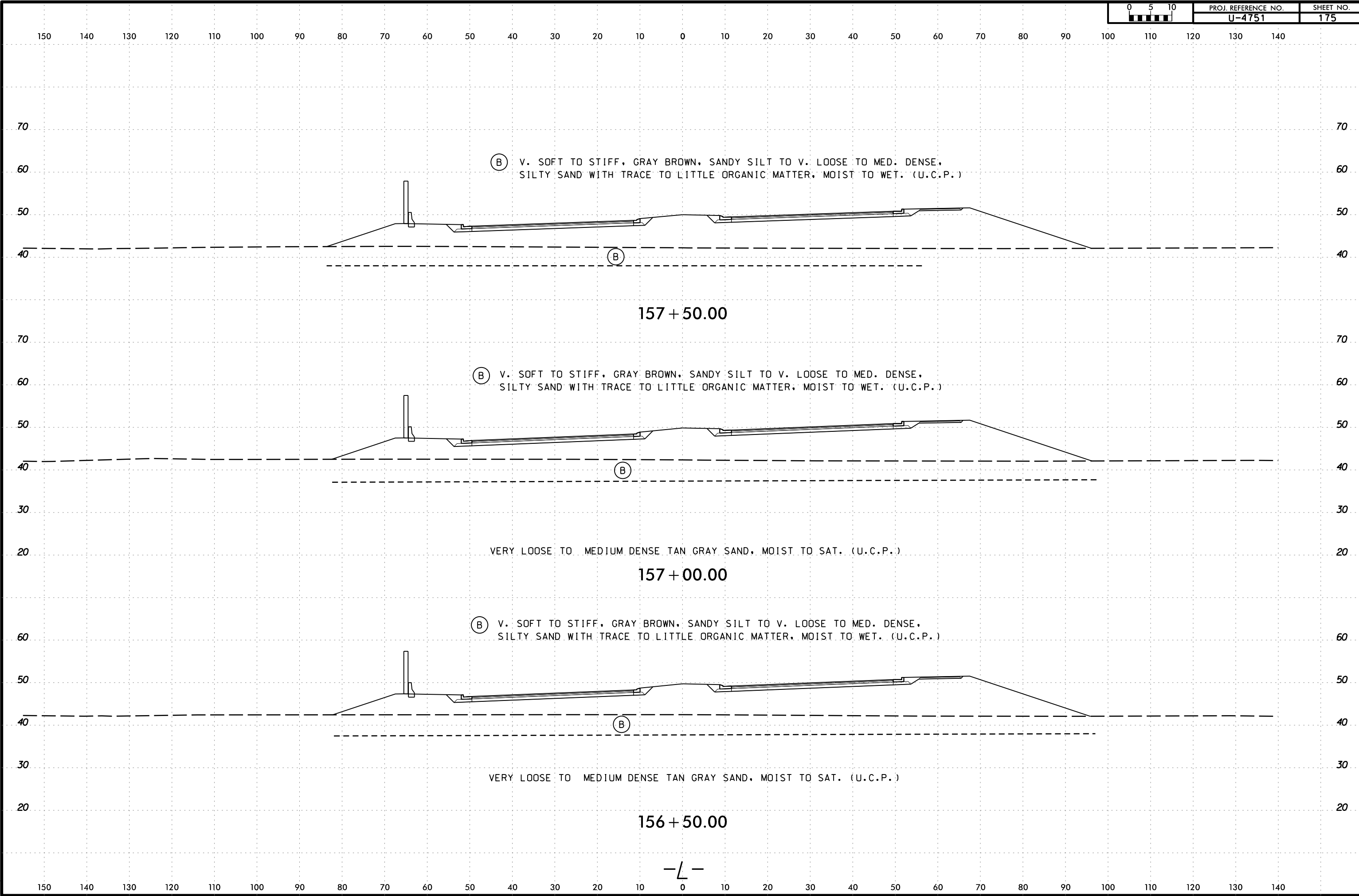


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	- 10 -	- 40 -	- 200 -		
S-26	50 RT	156+00	0.0-4.5	A-2-4(0)	28	NP	21.8	57.5	16.7	4.0	100	95	23	-	4.0
S-27	50 RT	156+00	4.5-5.0	A-2-4(0)	15	NP	22.8	65.1	2.1	10.0	100	97	13	-	-

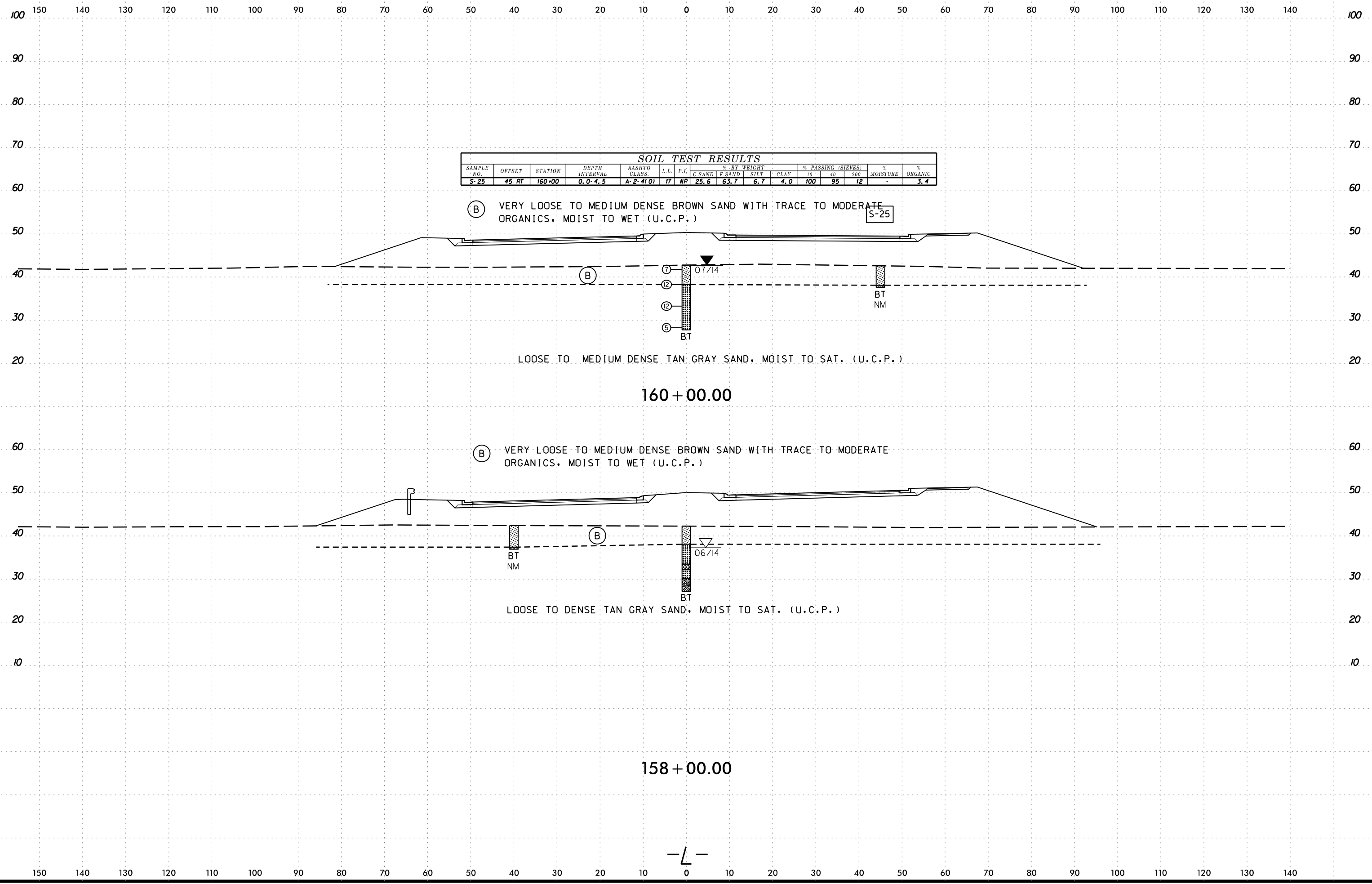
156 + 00.00

155 + 50.00

-L-

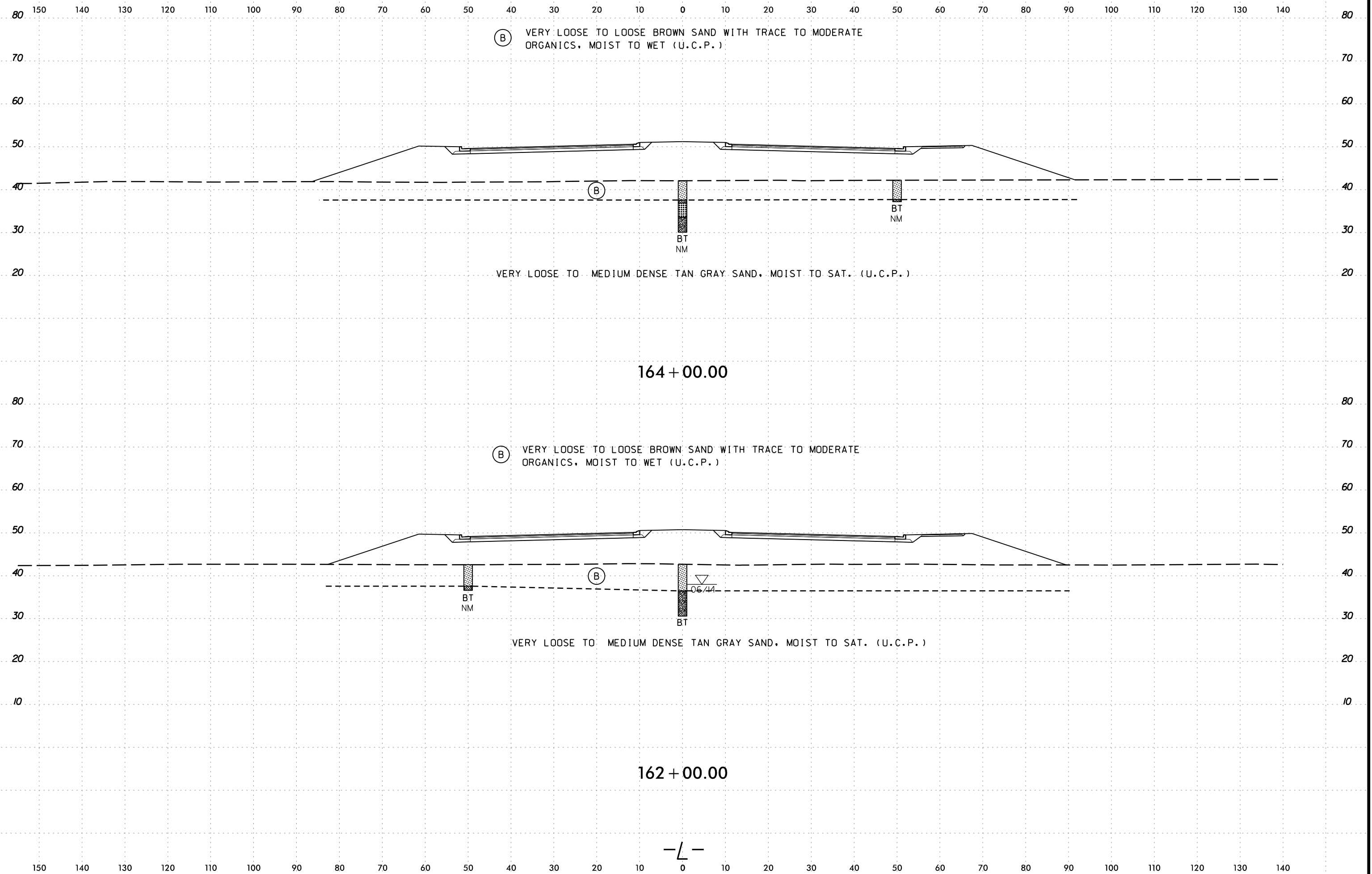


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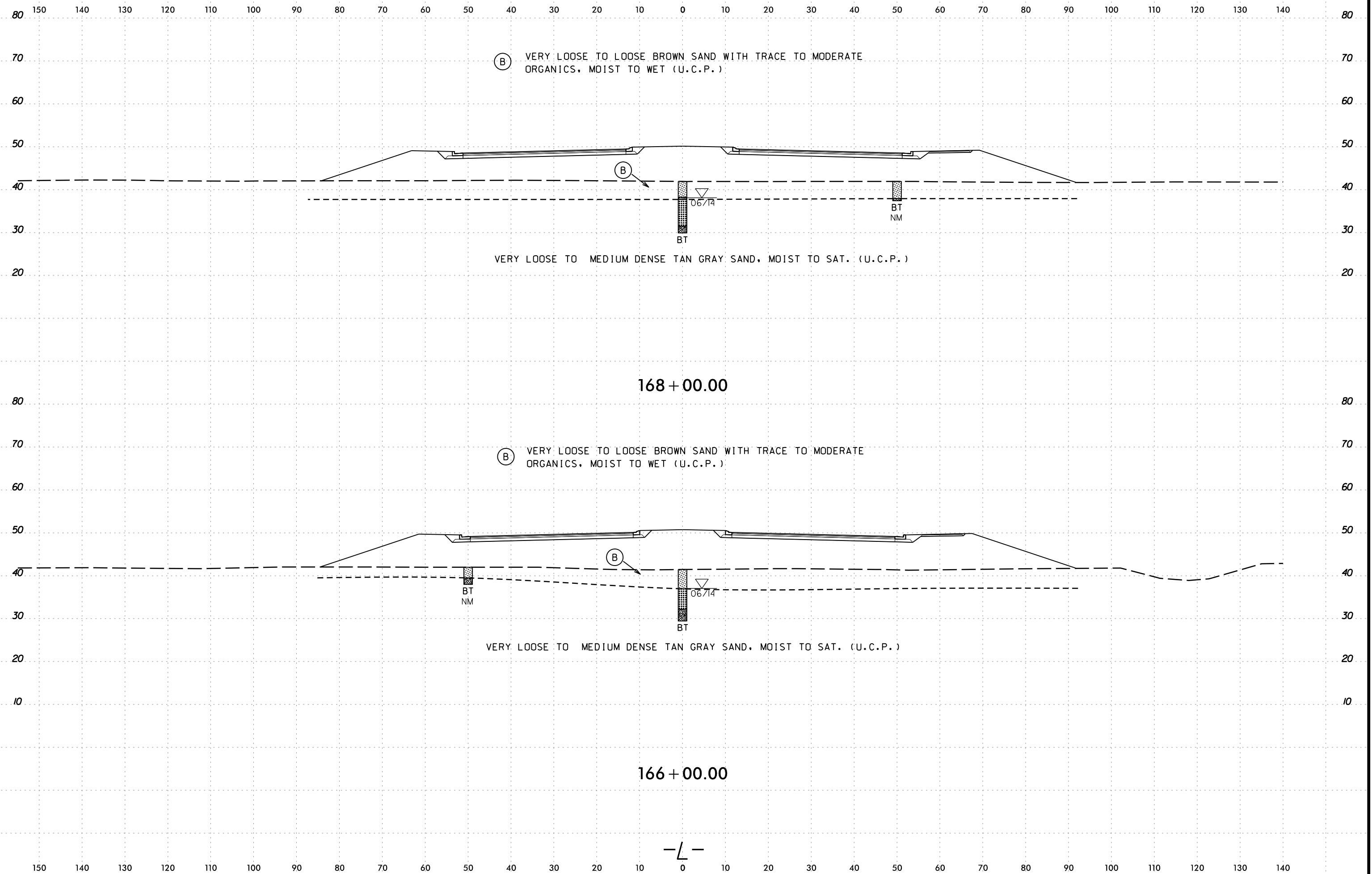




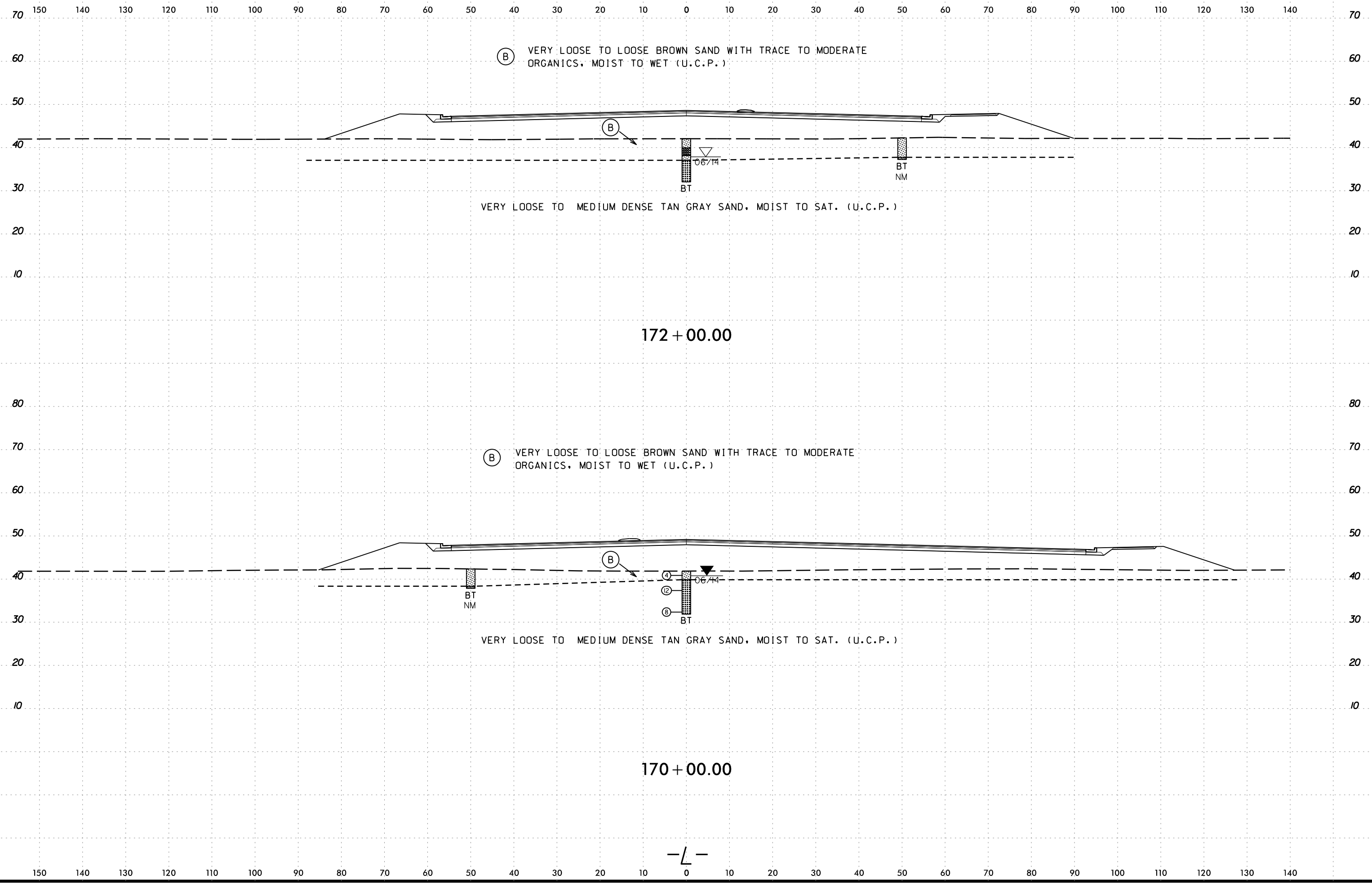
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DICKERSON



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08-NOV-2016 09:42  
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DICKERSON

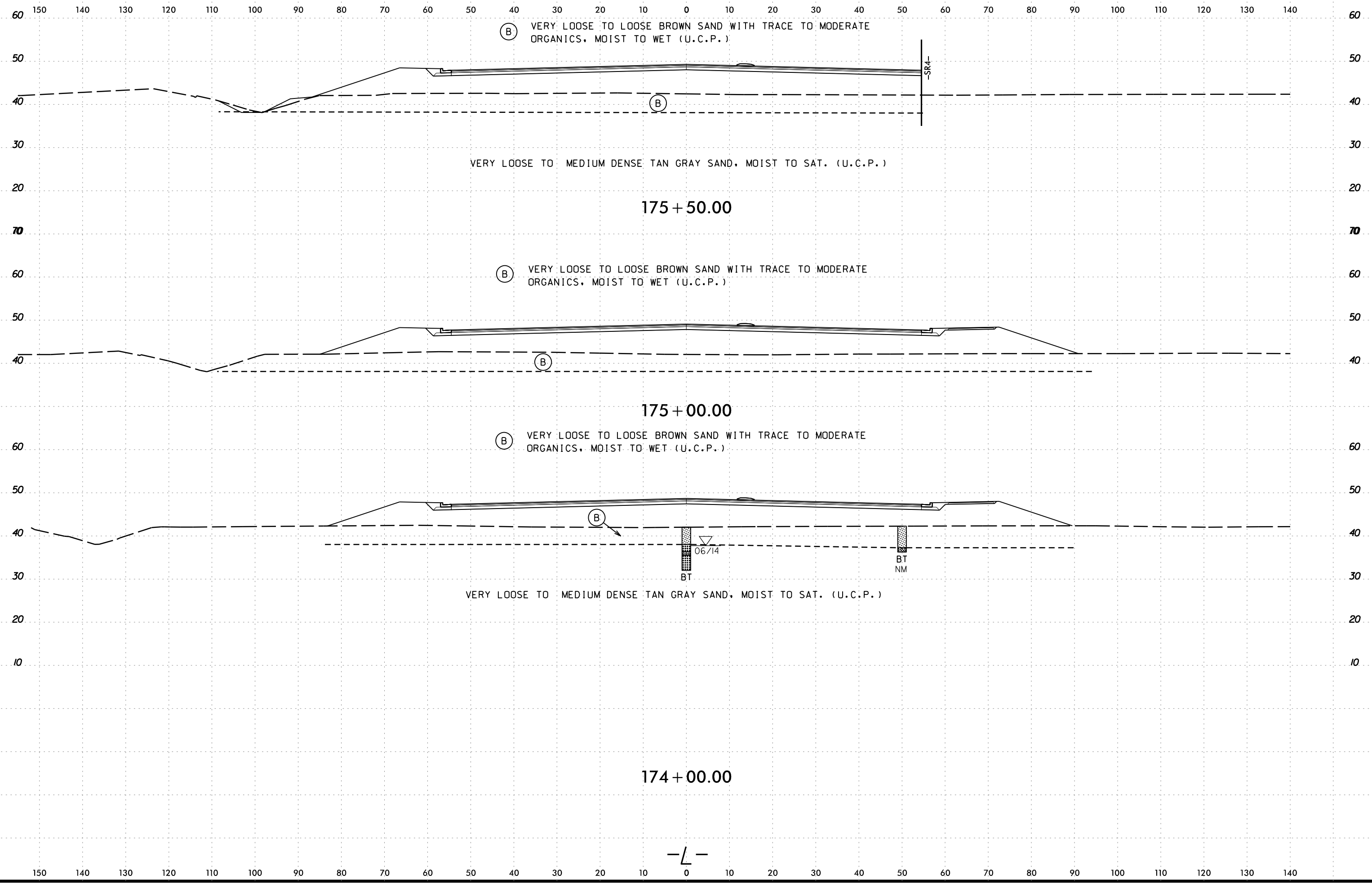


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DICKERSON

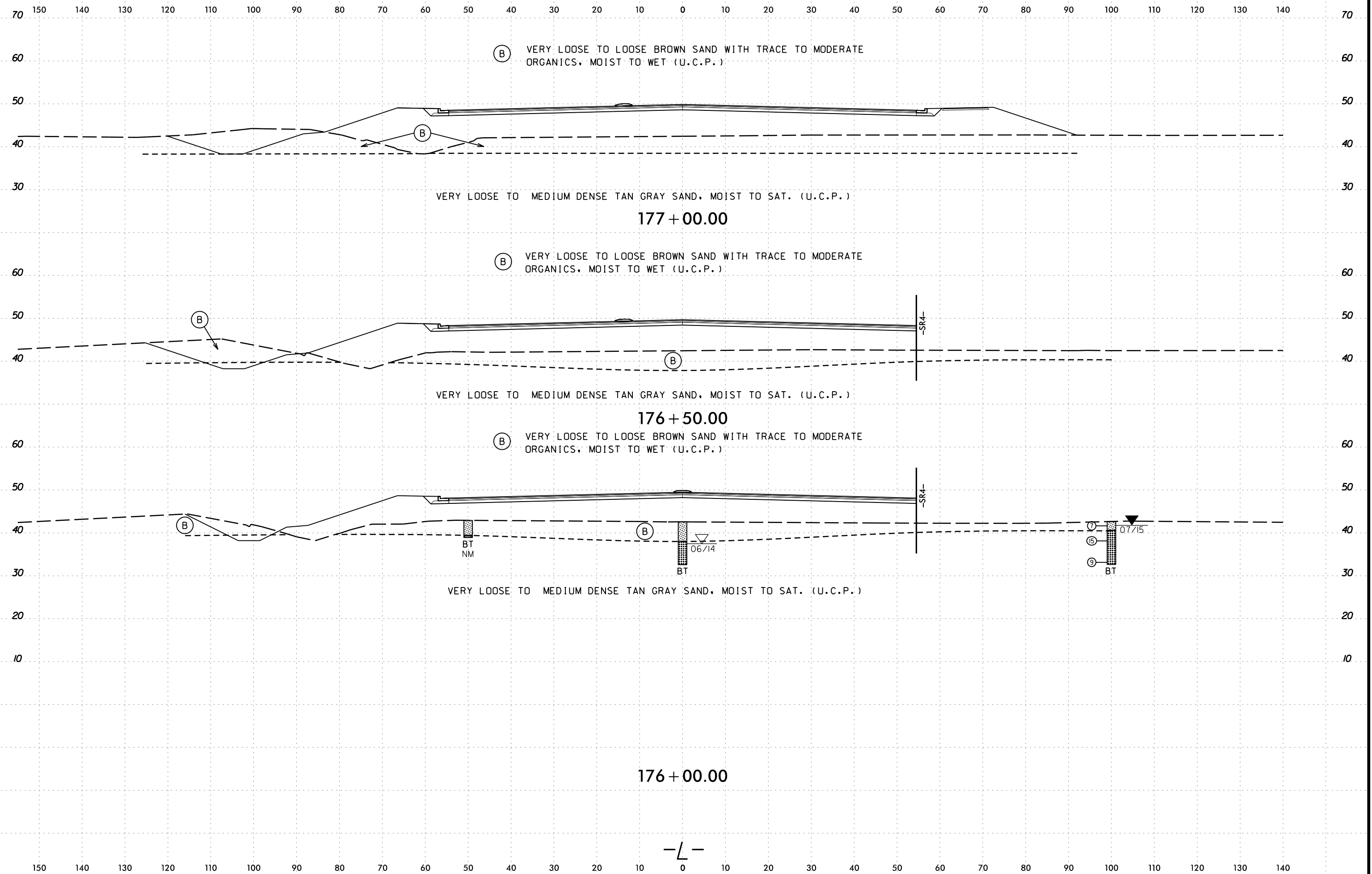


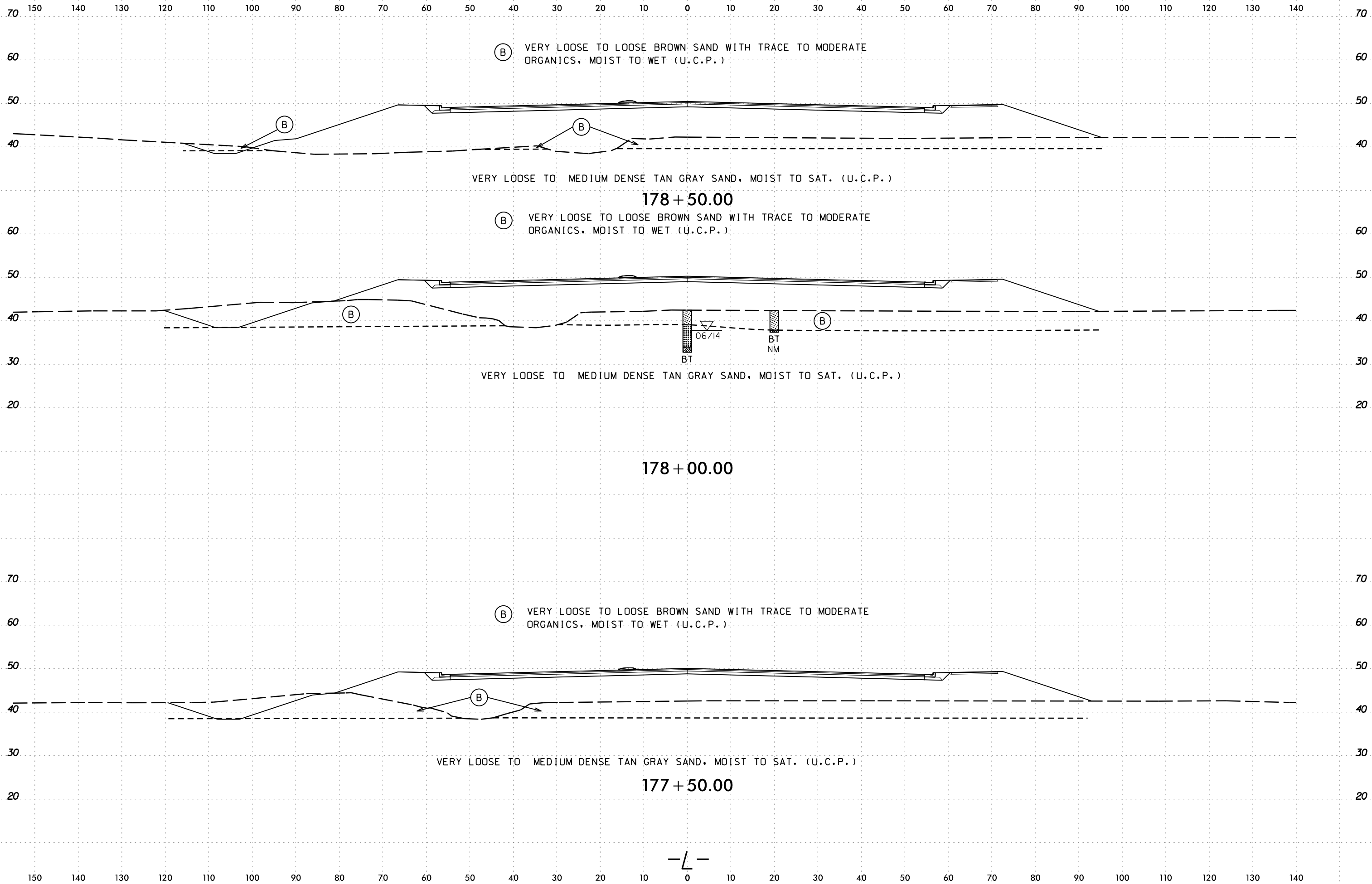
-L-

6/23/16  
08-NOV-2016 09:42  
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military cutoff report\4751\geo\rdwy\dot - copy\cadd\geotech\ssc\XSI-XSR\_NEW.L\U4751\_Geo\_xp1.L1\_INV.dgn  
DICKERSON

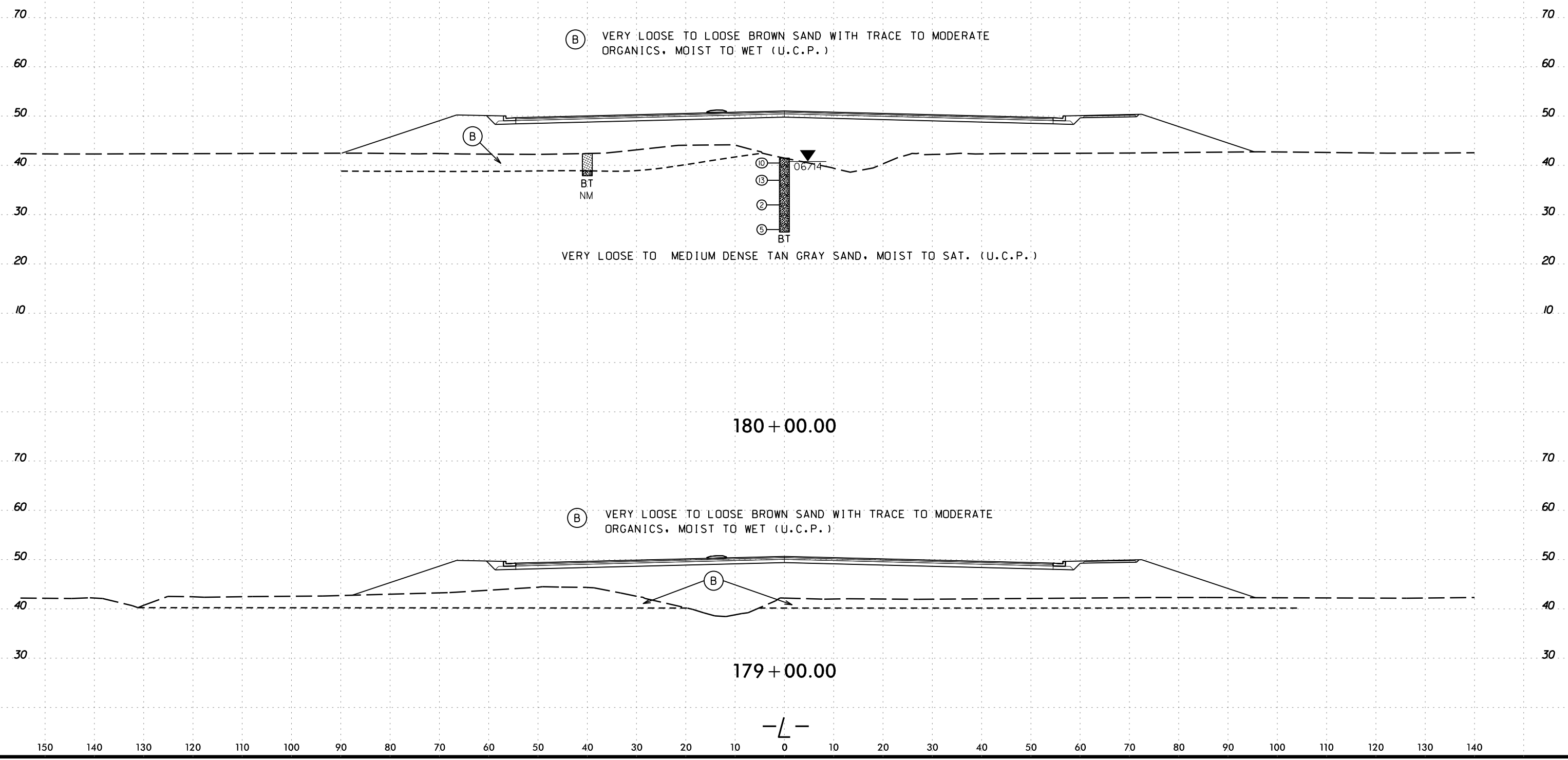


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DICKERSON



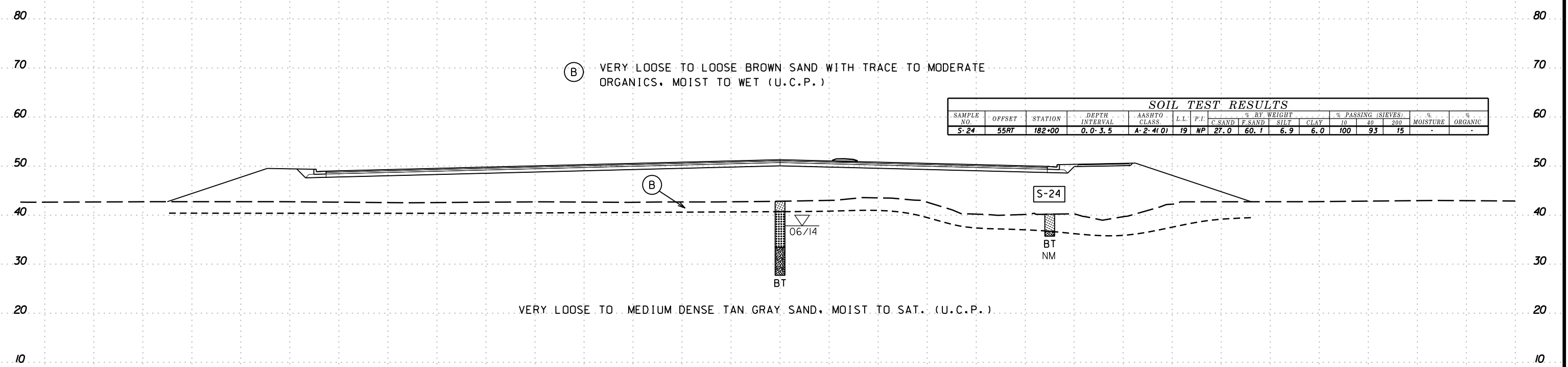


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



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 d:\cpherson

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-24	55RT	182+00	0.0-3.5	A-2-4(0)	19	NP	27.0	60.1	6.9	6.0	100	93	15		

S-24

BT  
NM

06/14

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

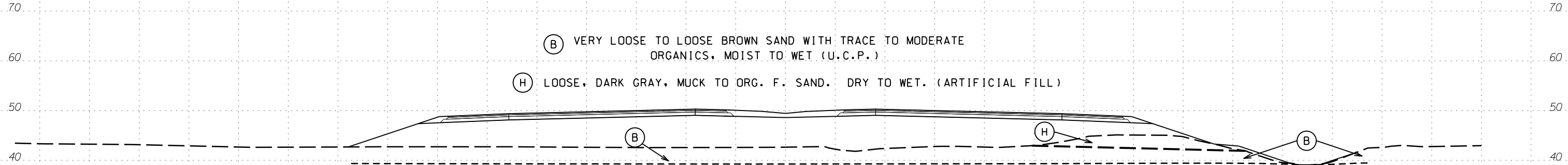
182 + 00.00

-L-

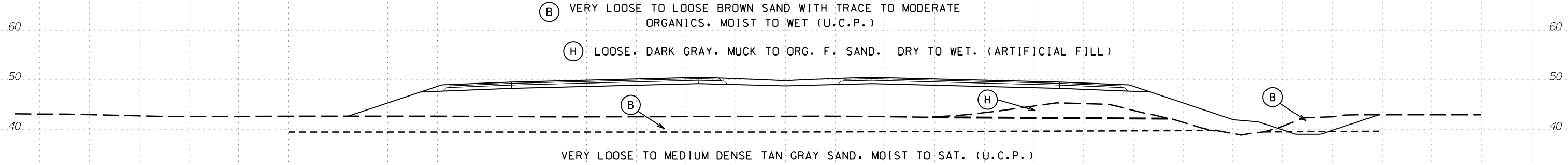
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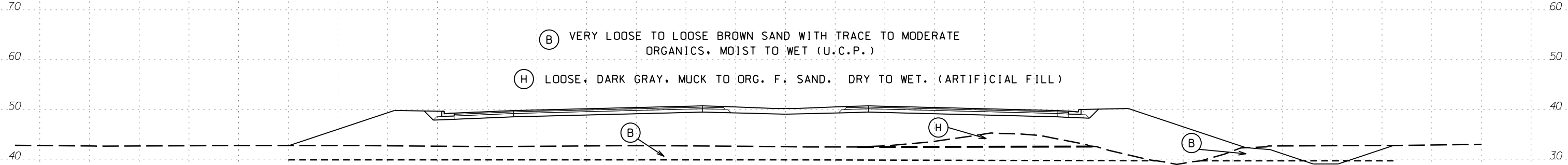
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183 + 50.00



183 + 00.00



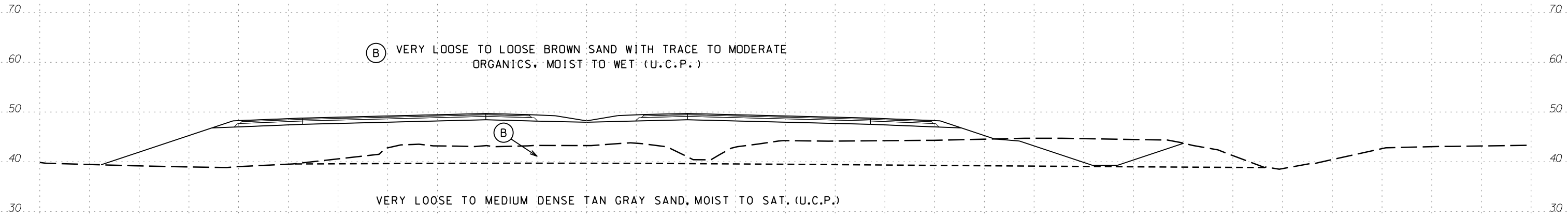
182 + 50.00

-L-

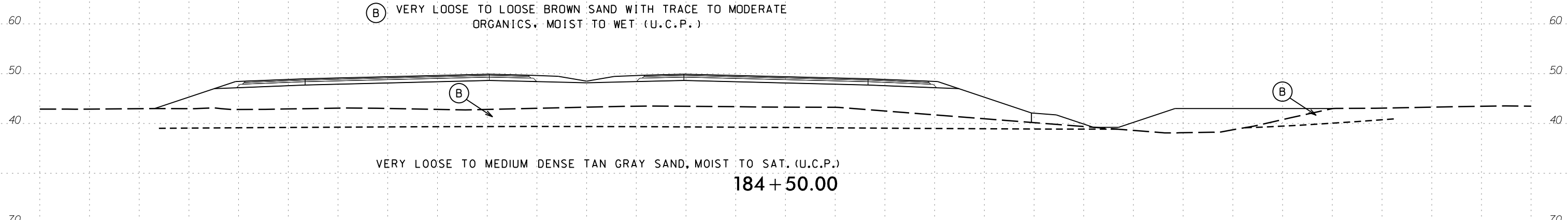
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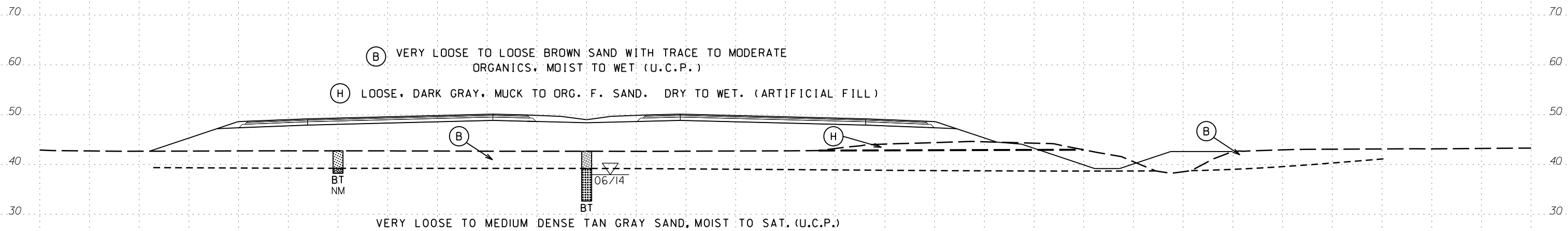
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



185 + 00.00



184 + 50.00



184 + 00.00

-L-

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-23	60 RT	186+00	1.0-2.0	A-2-4(0)	20	NP	6.6	76.7	8.7	8.0	100	99	20	-	-

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS; MOIST TO WET (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

186 + 00.00

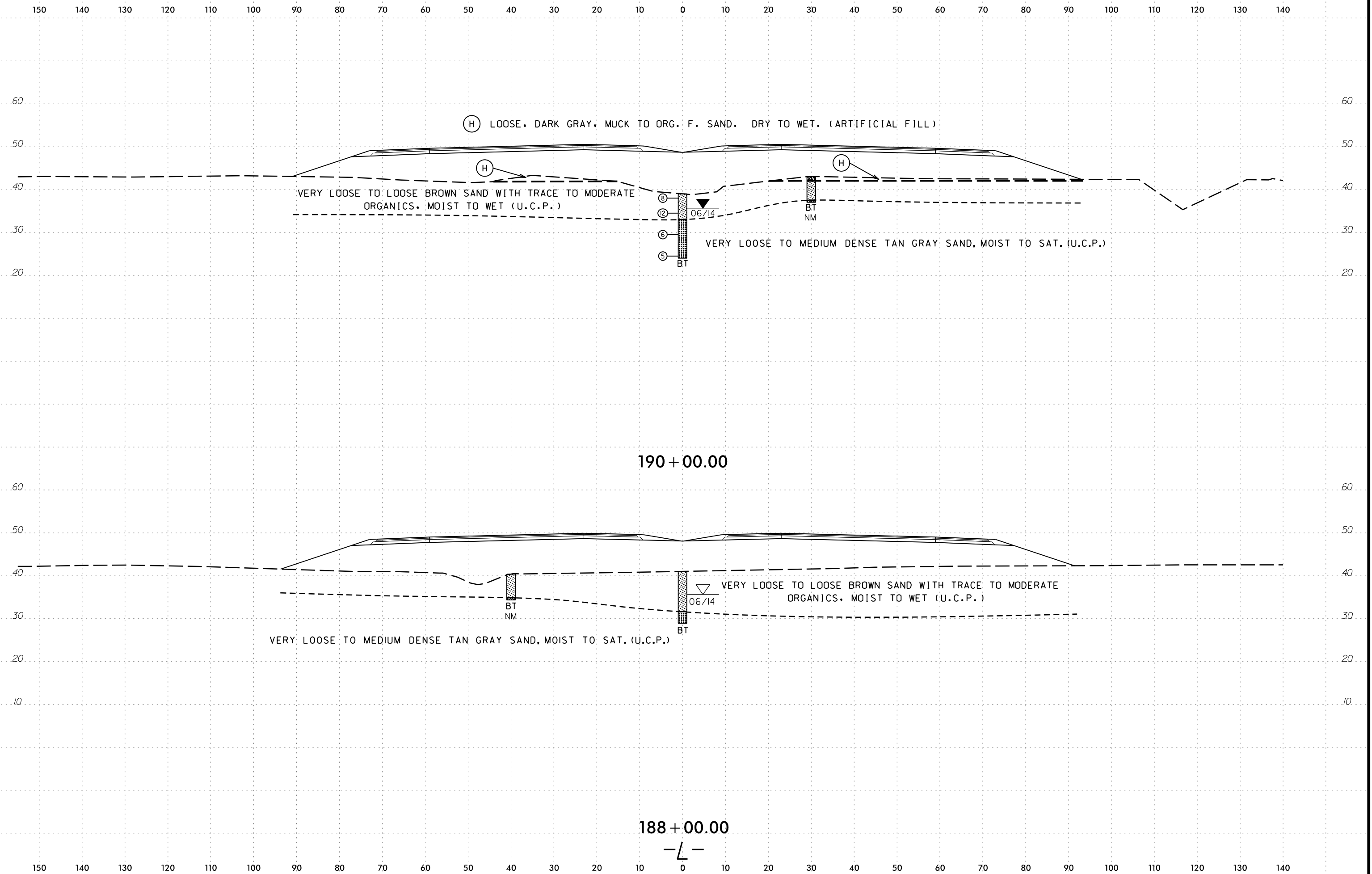
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS; MOIST TO WET (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

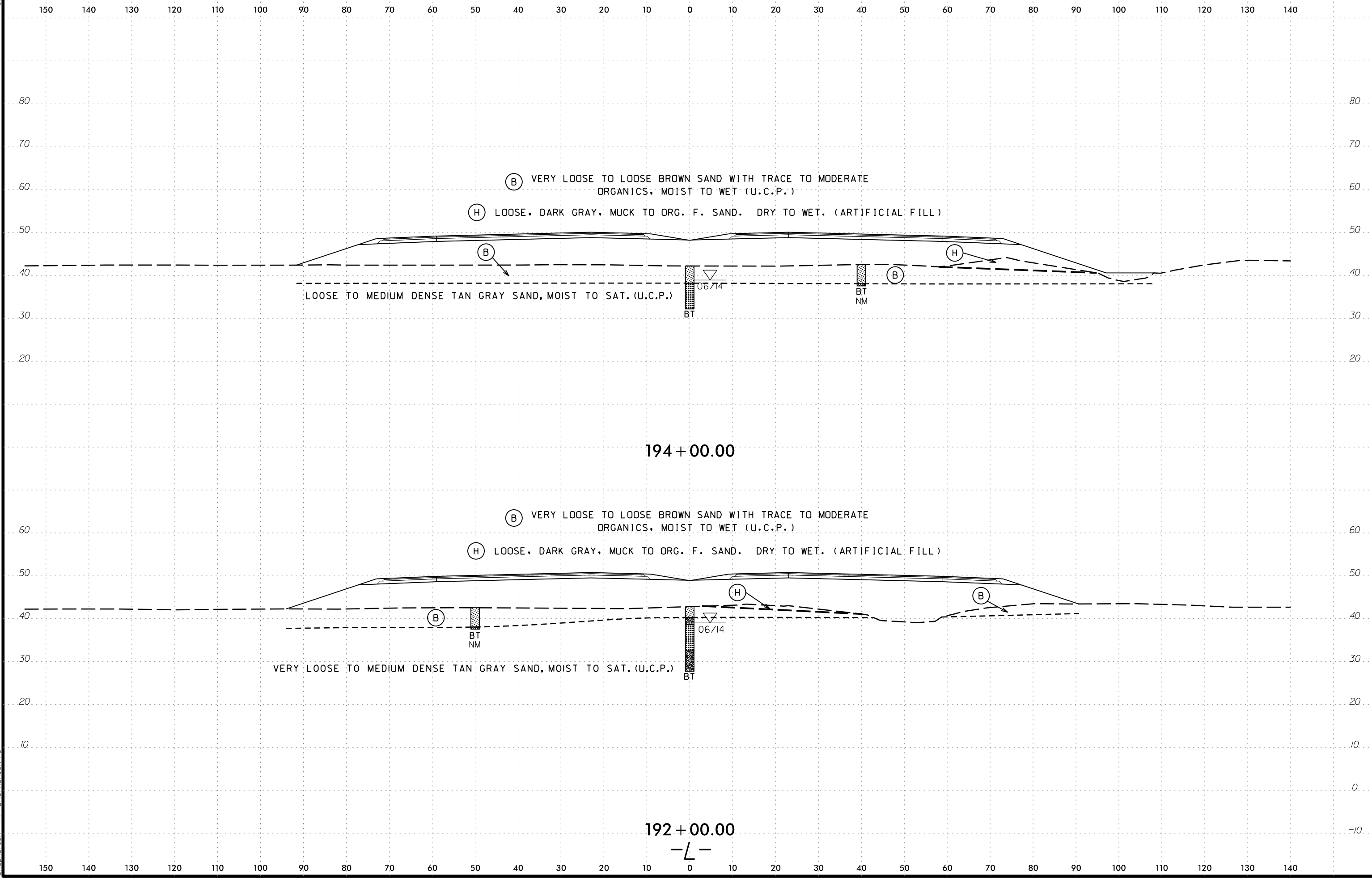
185 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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DICKERSON



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DICKERSON

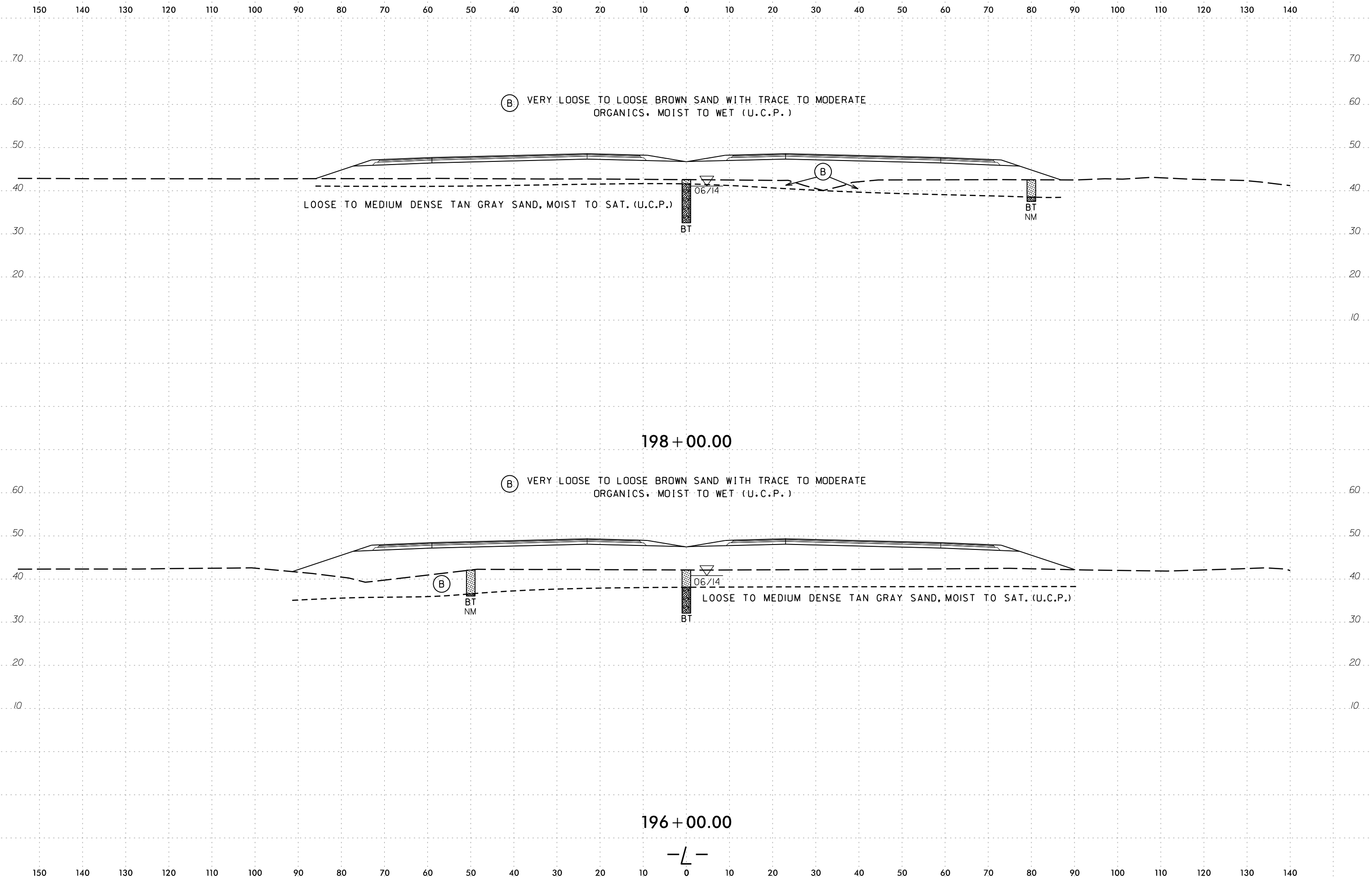


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80 70 60 50 40 30 20 10 0 -10

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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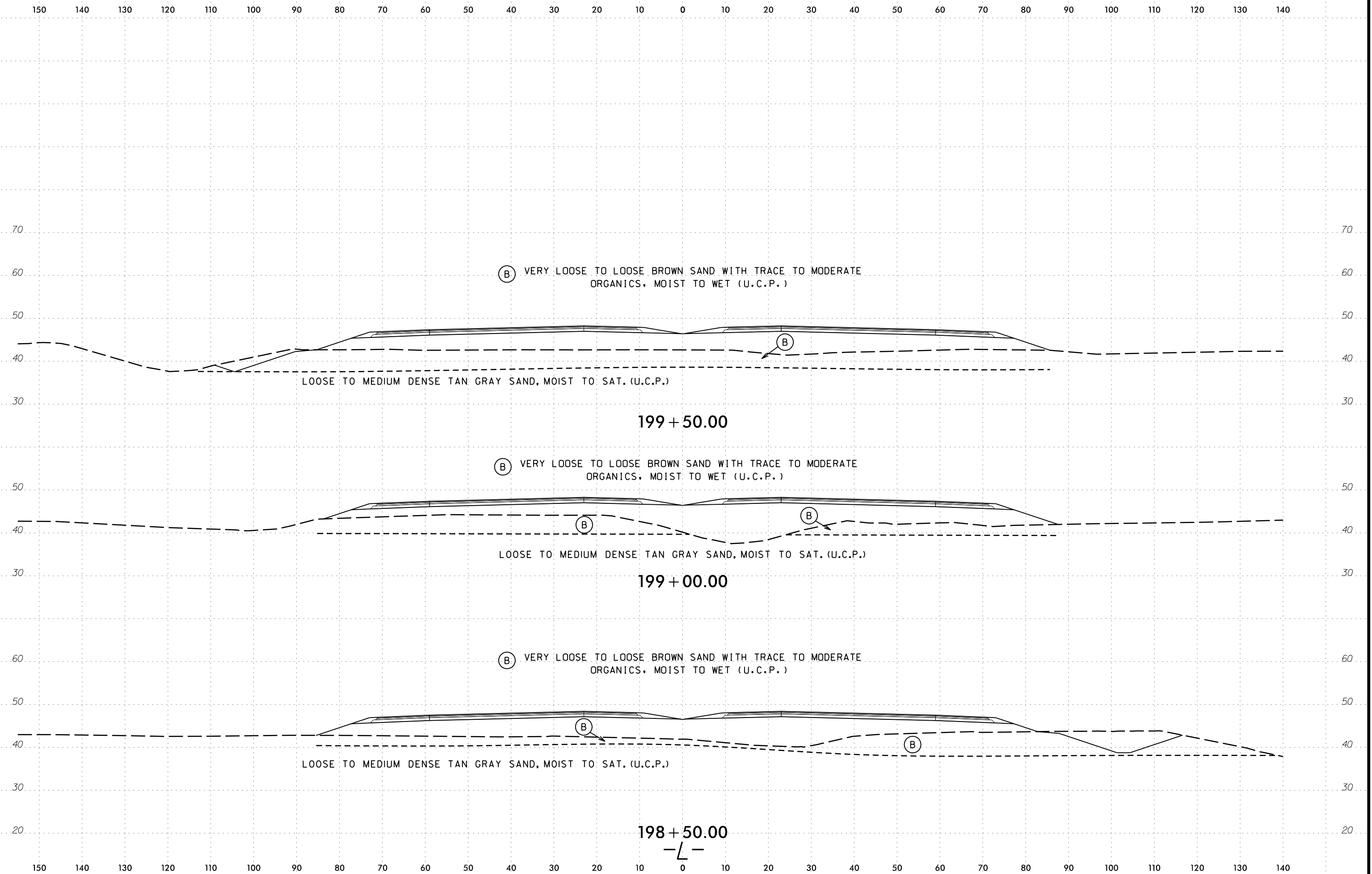


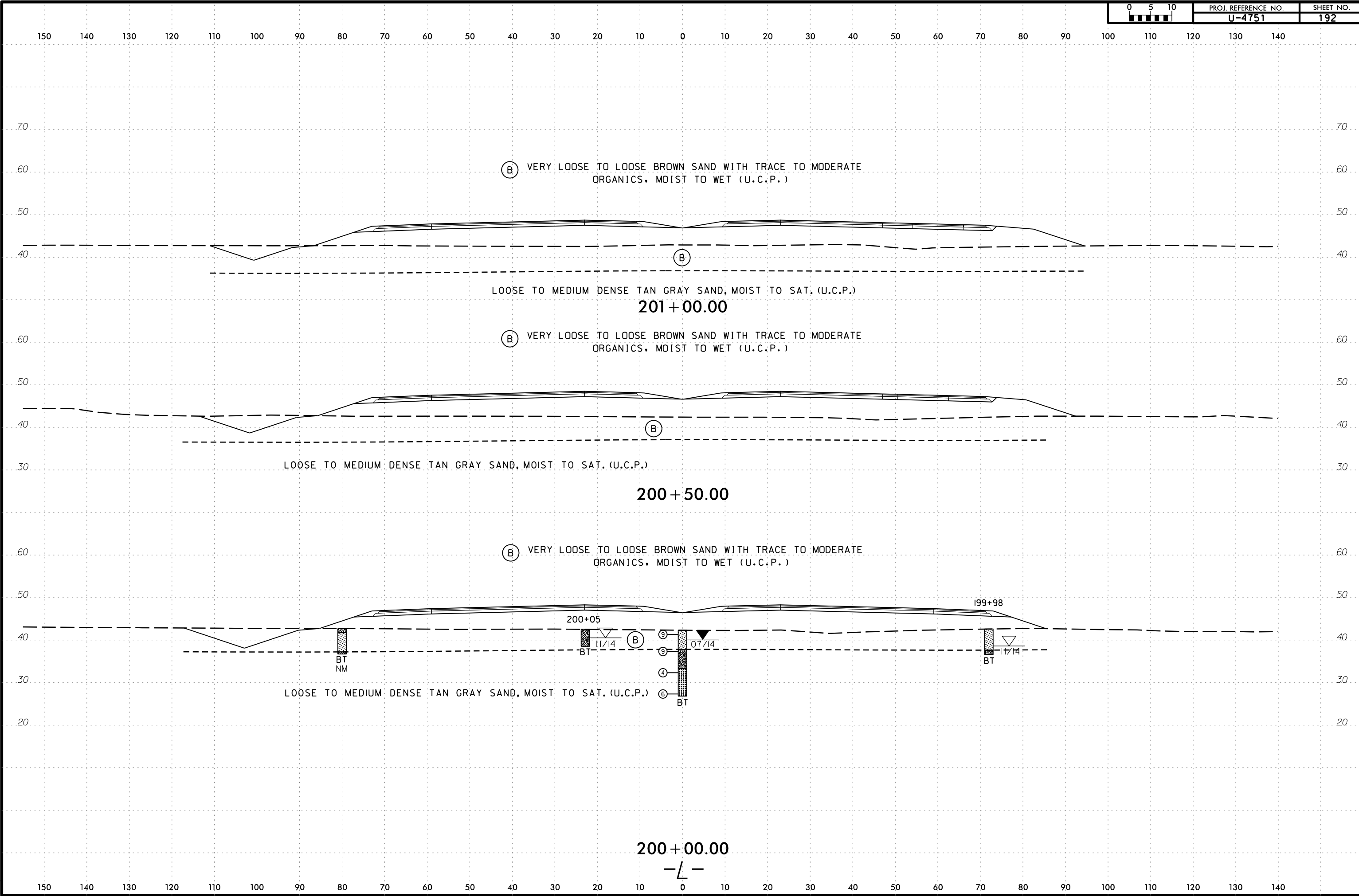
198 + 00.00

196 + 00.00

-L-

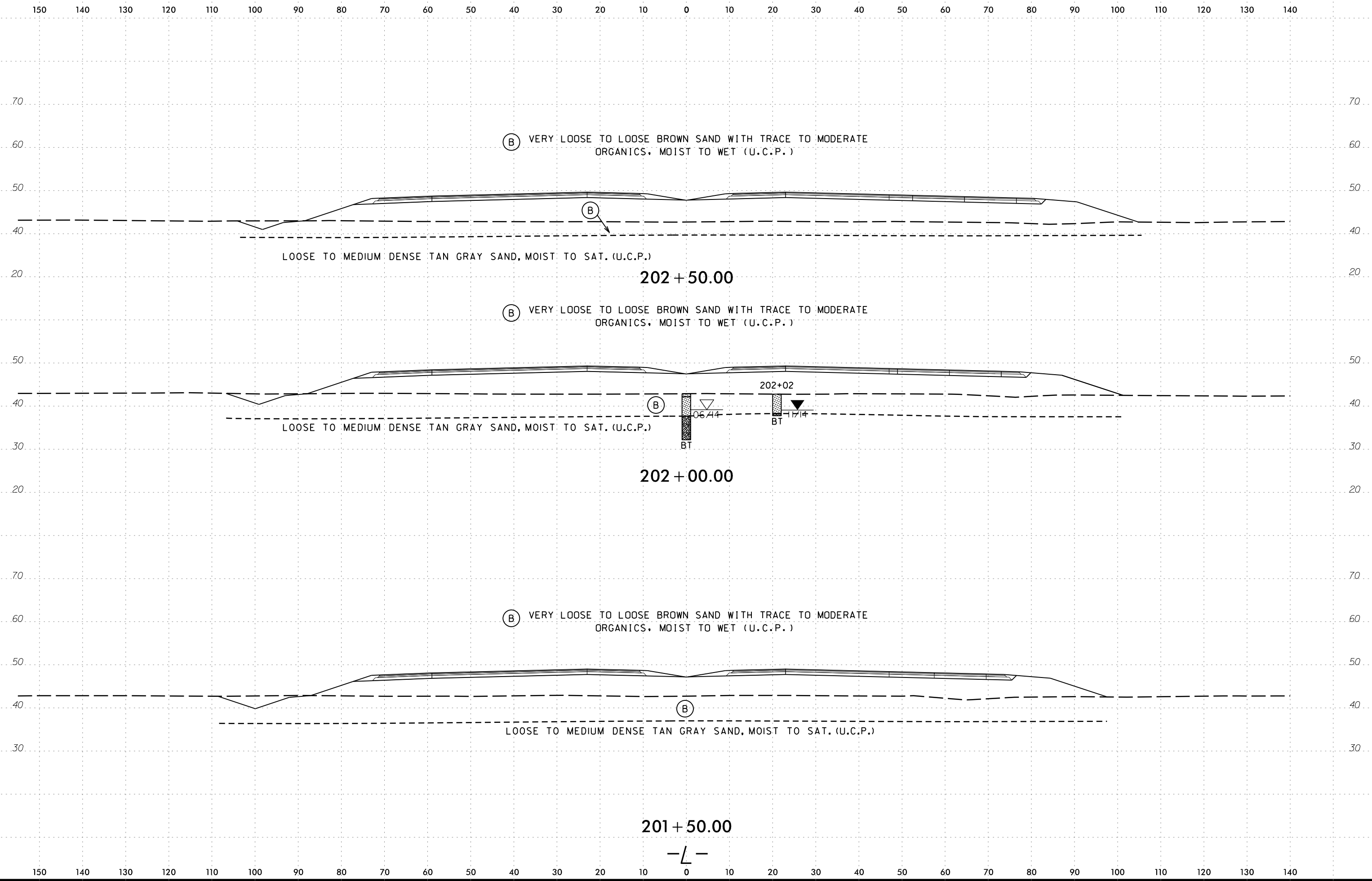
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DICKERSON

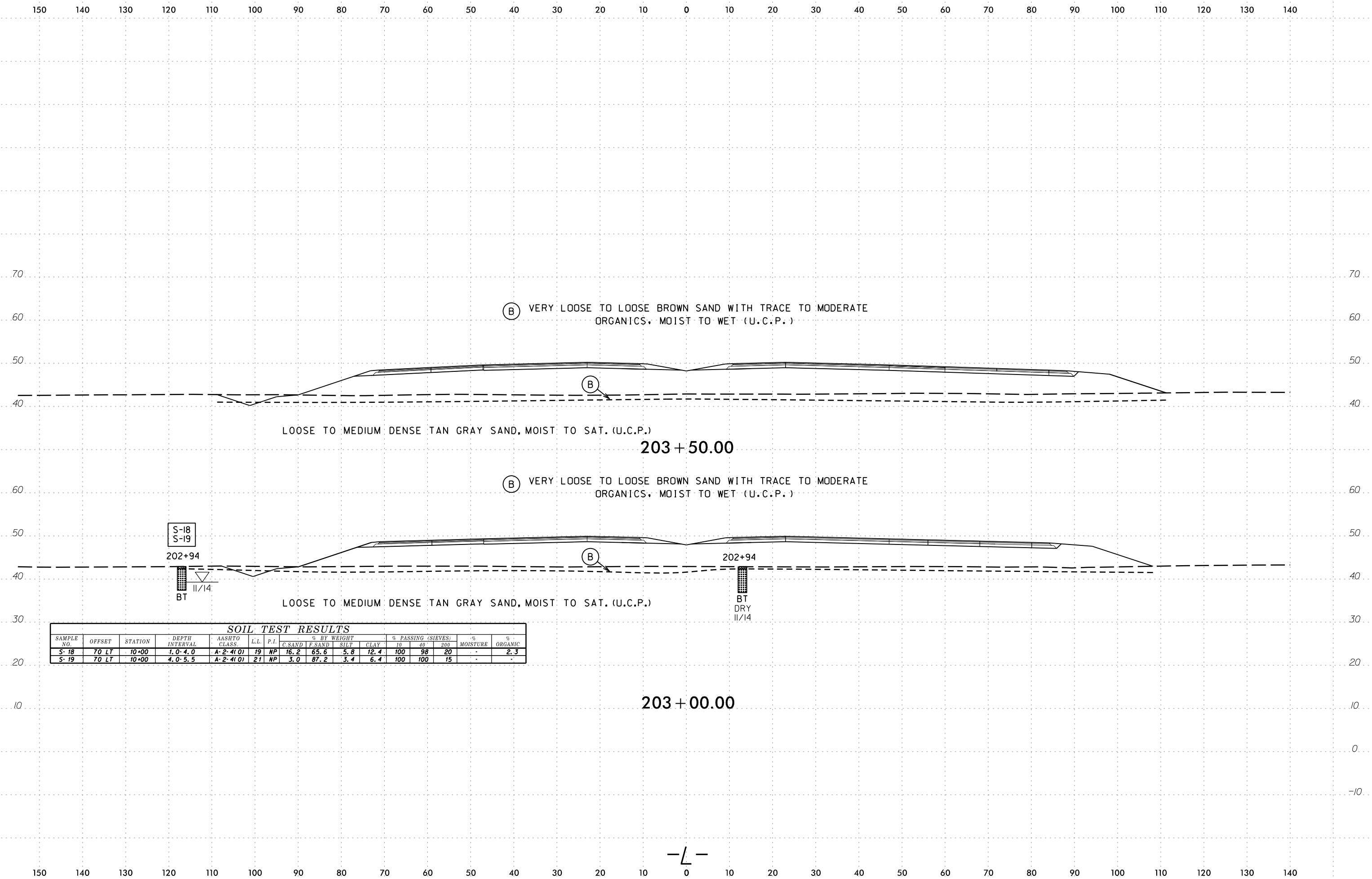






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DICKERSON

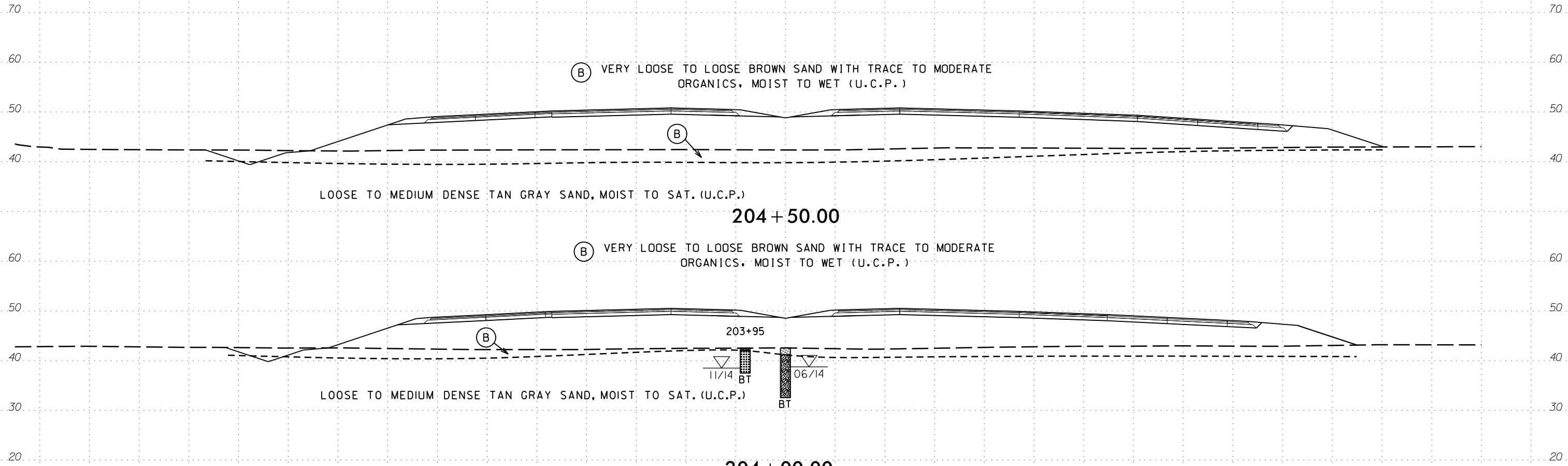




SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-18	70 LT	10+00	1.0-4.0	A-2-4(0)	19	NP	16.2	65.6	5.8	12.4	100	98	20	-	2.3
S-19	70 LT	10+00	4.0-5.5	A-2-4(0)	21	NP	3.0	87.2	3.4	6.4	100	100	15	-	-

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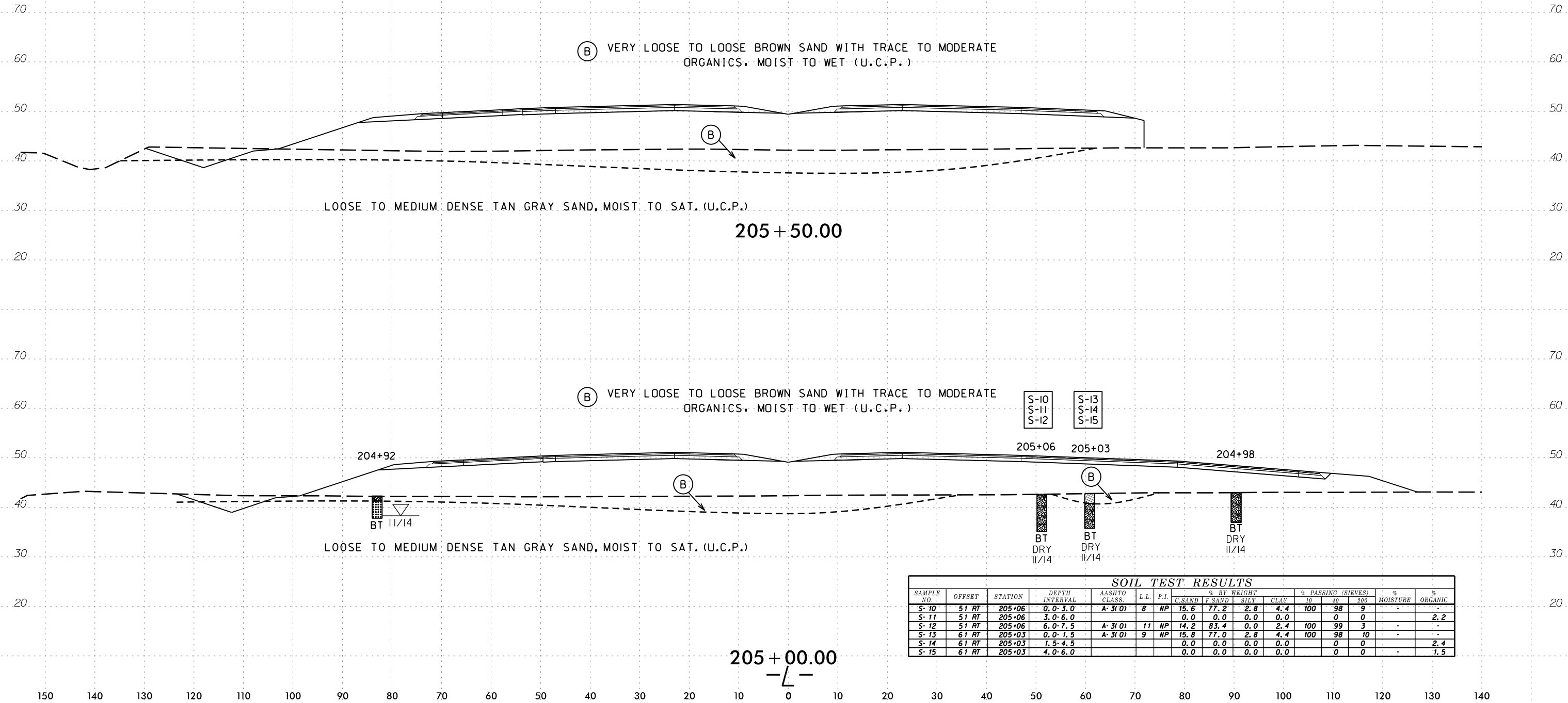


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

205 + 50.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

S-10  
S-11  
S-12

S-13  
S-14  
S-15

204+92

205+06

205+03

204+98

BT  
II/14

BT  
DRY  
II/14

BT  
DRY  
II/14

BT  
DRY  
II/14

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

(B)

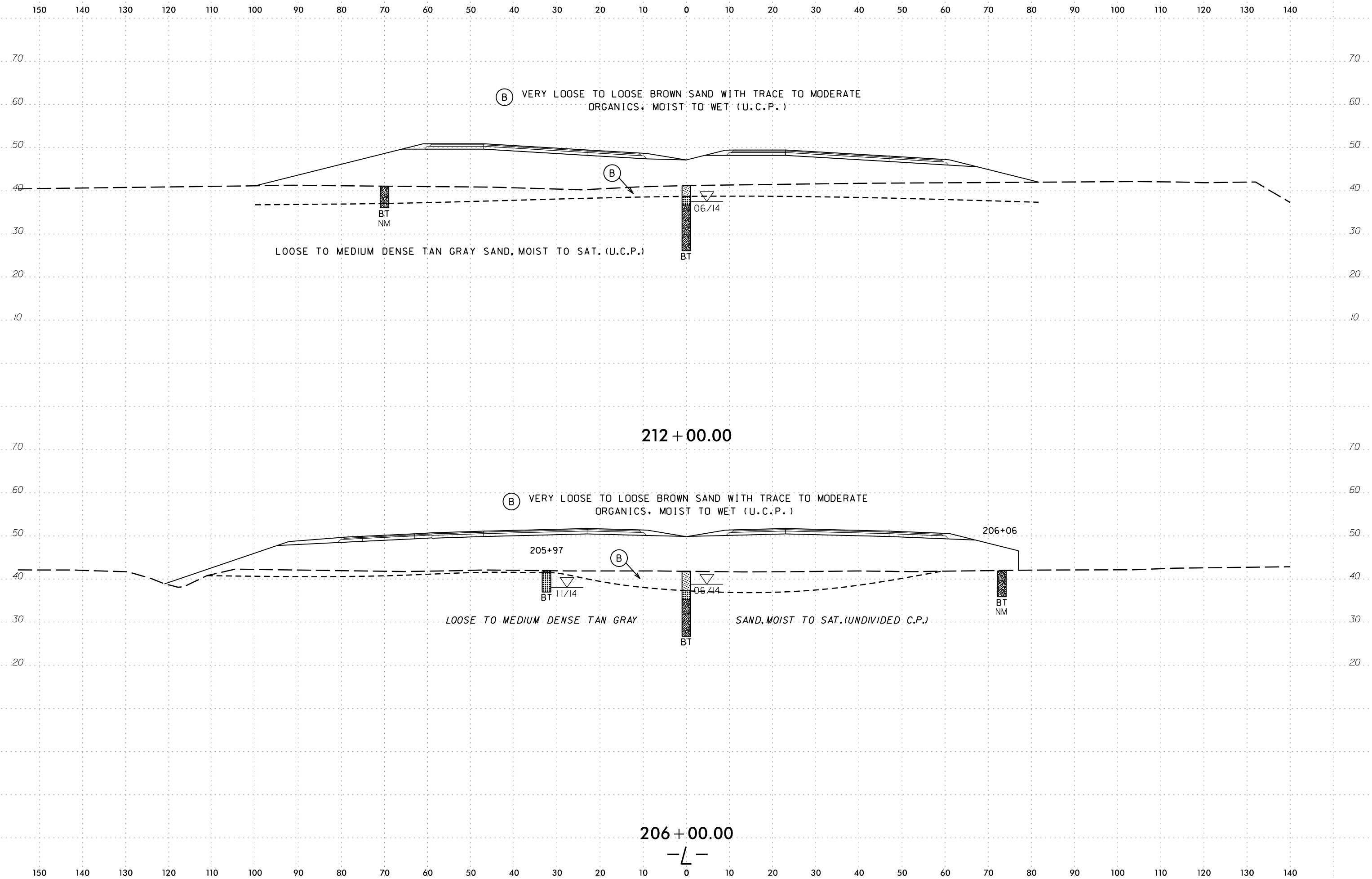
(B)

205 + 00.00

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-10	51 RT	205+06	0.0-3.0	A-3(0)	8	NP	15.6	77.2	2.8	4.4	100	98	9	-	-
S-11	51 RT	205+06	3.0-6.0	A-3(0)	11	NP	0.0	0.0	0.0	0.0	100	0	0	-	2.2
S-12	51 RT	205+06	6.0-7.5	A-3(0)	11	NP	14.2	83.4	0.0	2.4	100	99	3	-	-
S-13	61 RT	205+03	0.0-1.5	A-3(0)	9	NP	15.8	77.0	2.8	4.4	100	98	10	-	-
S-14	61 RT	205+03	1.5-4.5				0.0	0.0	0.0	0.0	0	0	0	-	2.4
S-15	61 RT	205+03	4.0-6.0				0.0	0.0	0.0	0.0	0	0	0	-	1.5

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DICKERSON

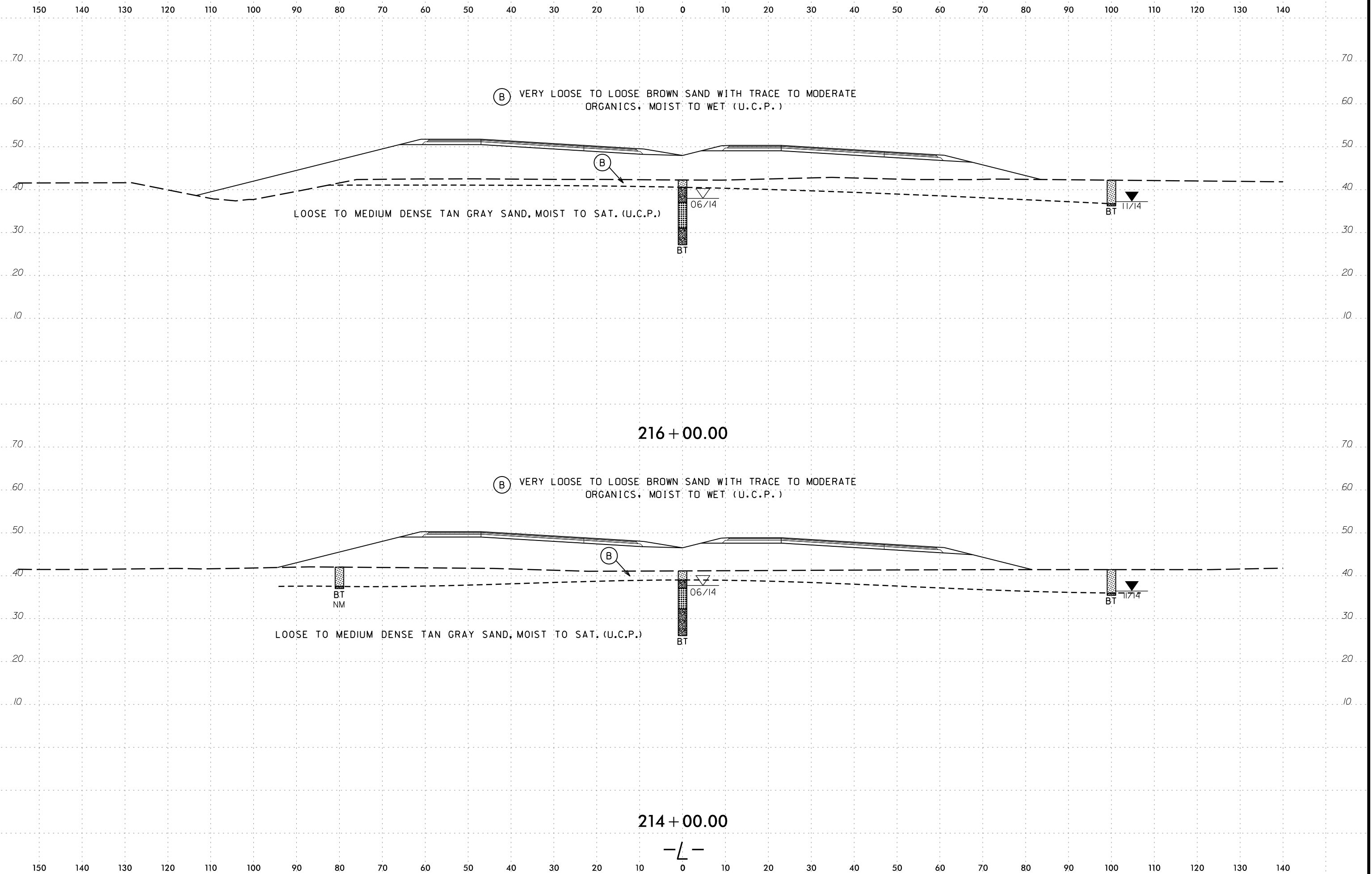


212 + 00.00

206 + 00.00

-L-

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DICKERSON

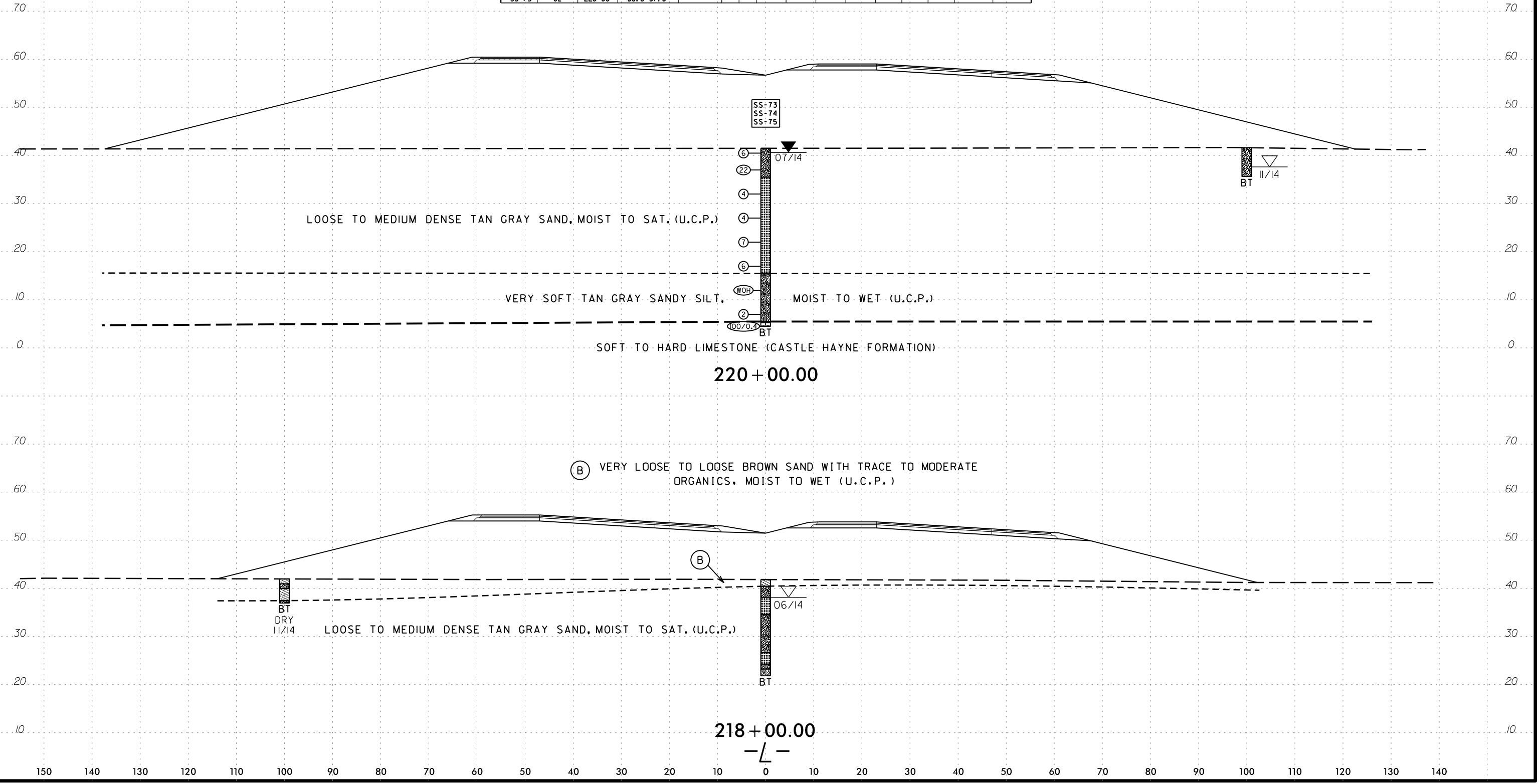


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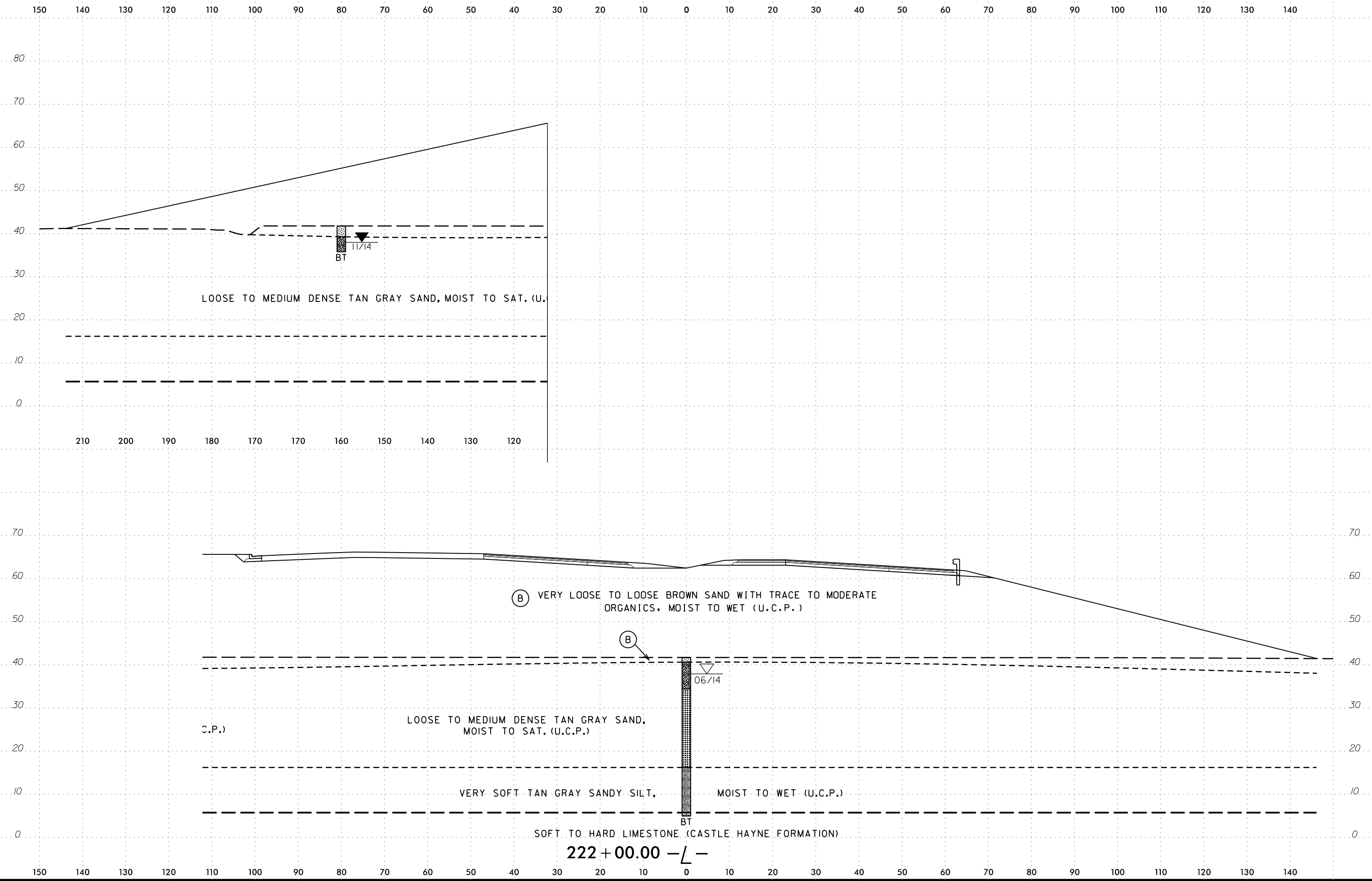
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 d:\mcherson

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

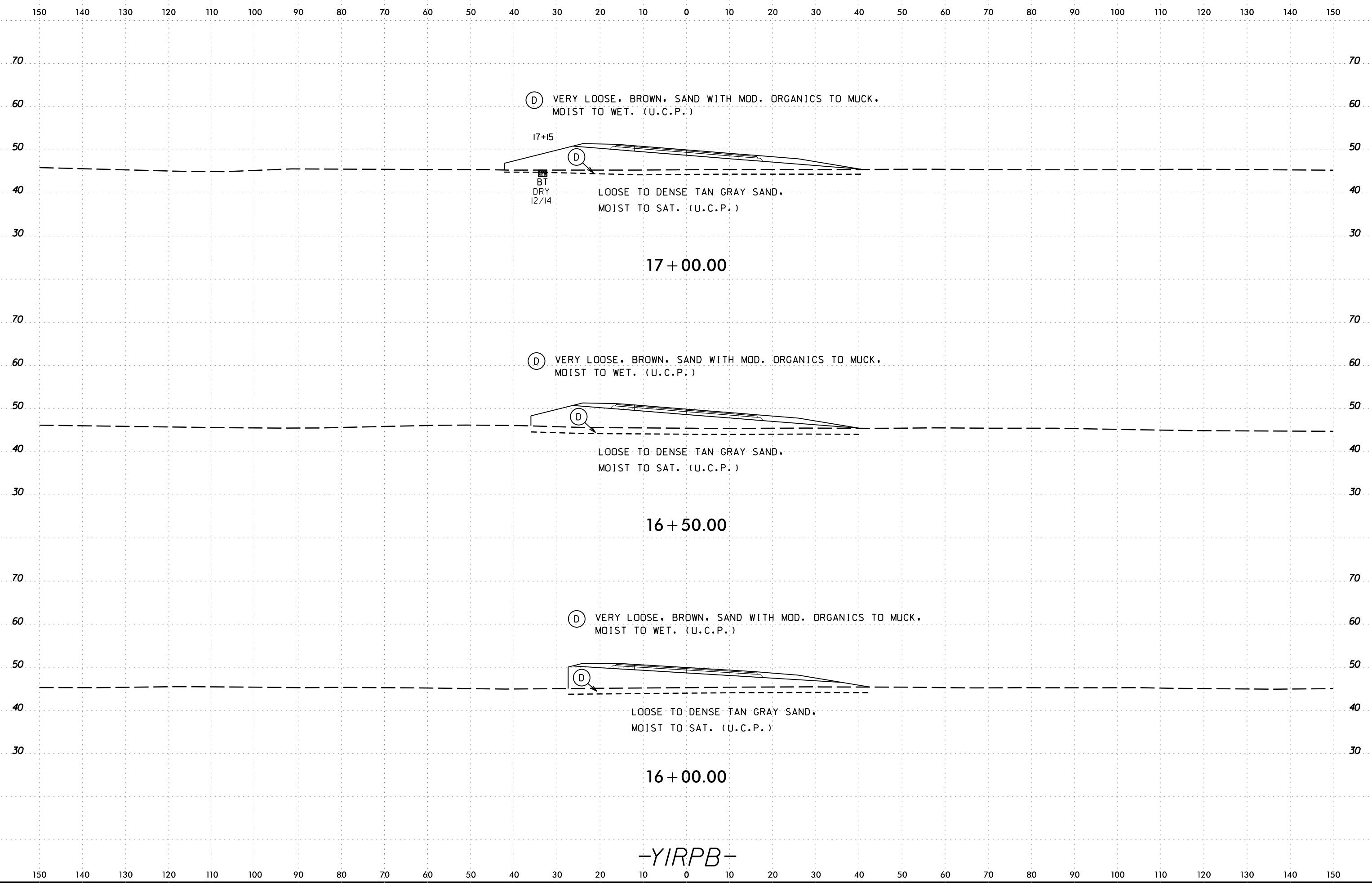
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
							G.SAND	F.SAND	SILT	10	40	200			
SS-73	CL	220+00	0.0-1.5	A-2-4(0)	18	NP	15.6	66.5	6.9	11.1	100	97	22	-	-
SS-74	CL	220+00	28.5-30.0	A-4(7)	31	9	8.1	28.3	50.9	12.7	100	95	83	-	-
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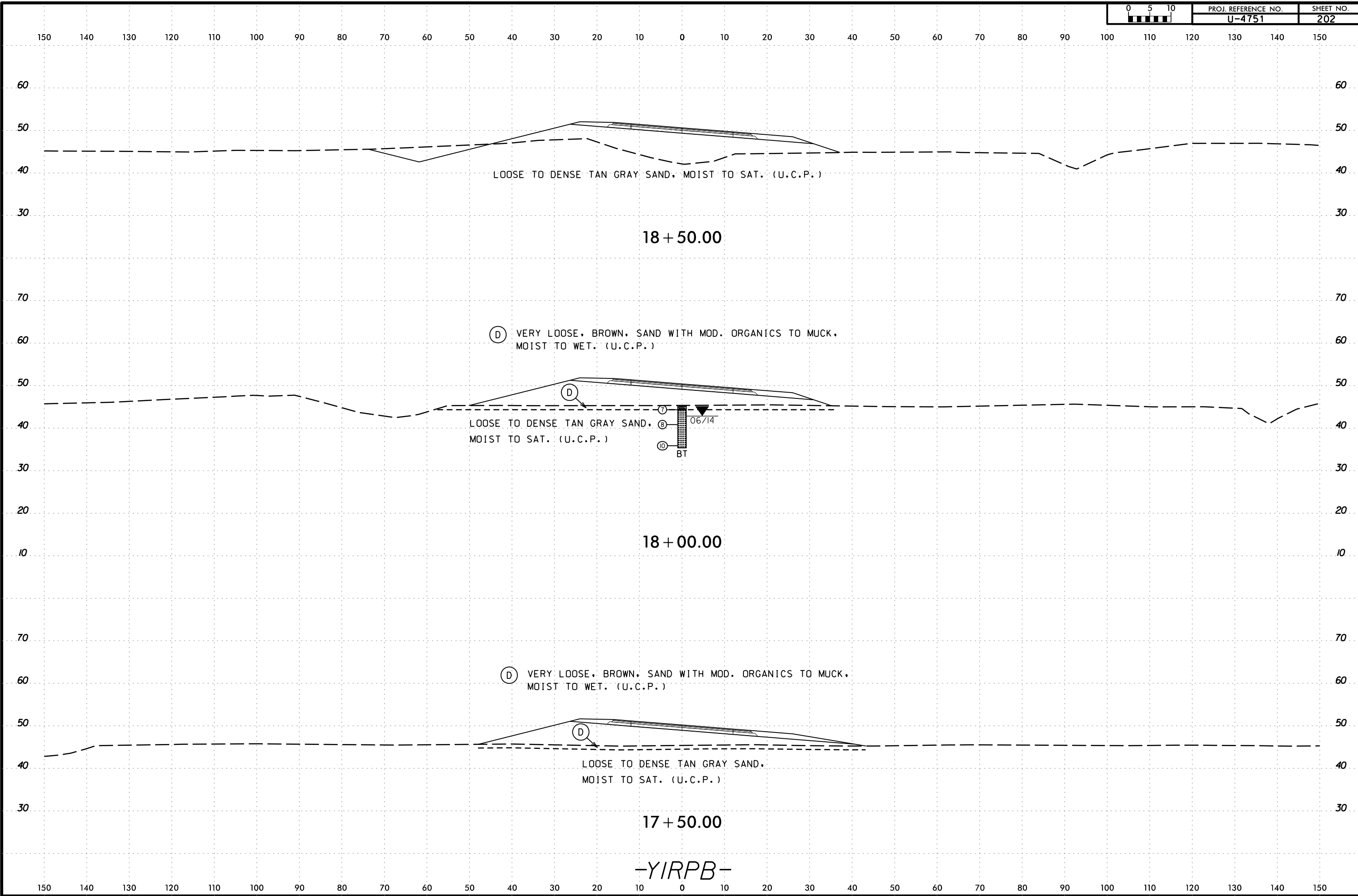
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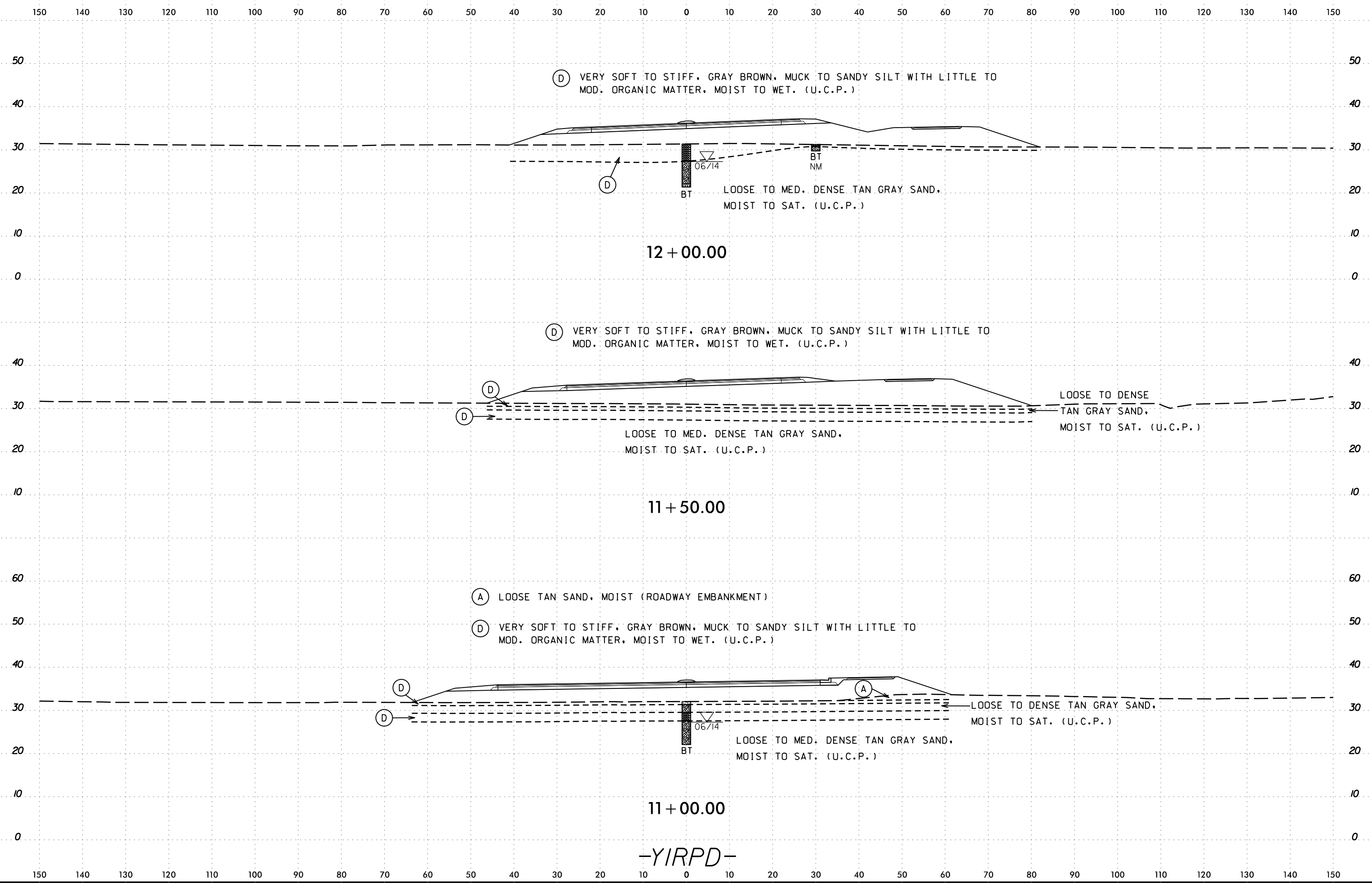


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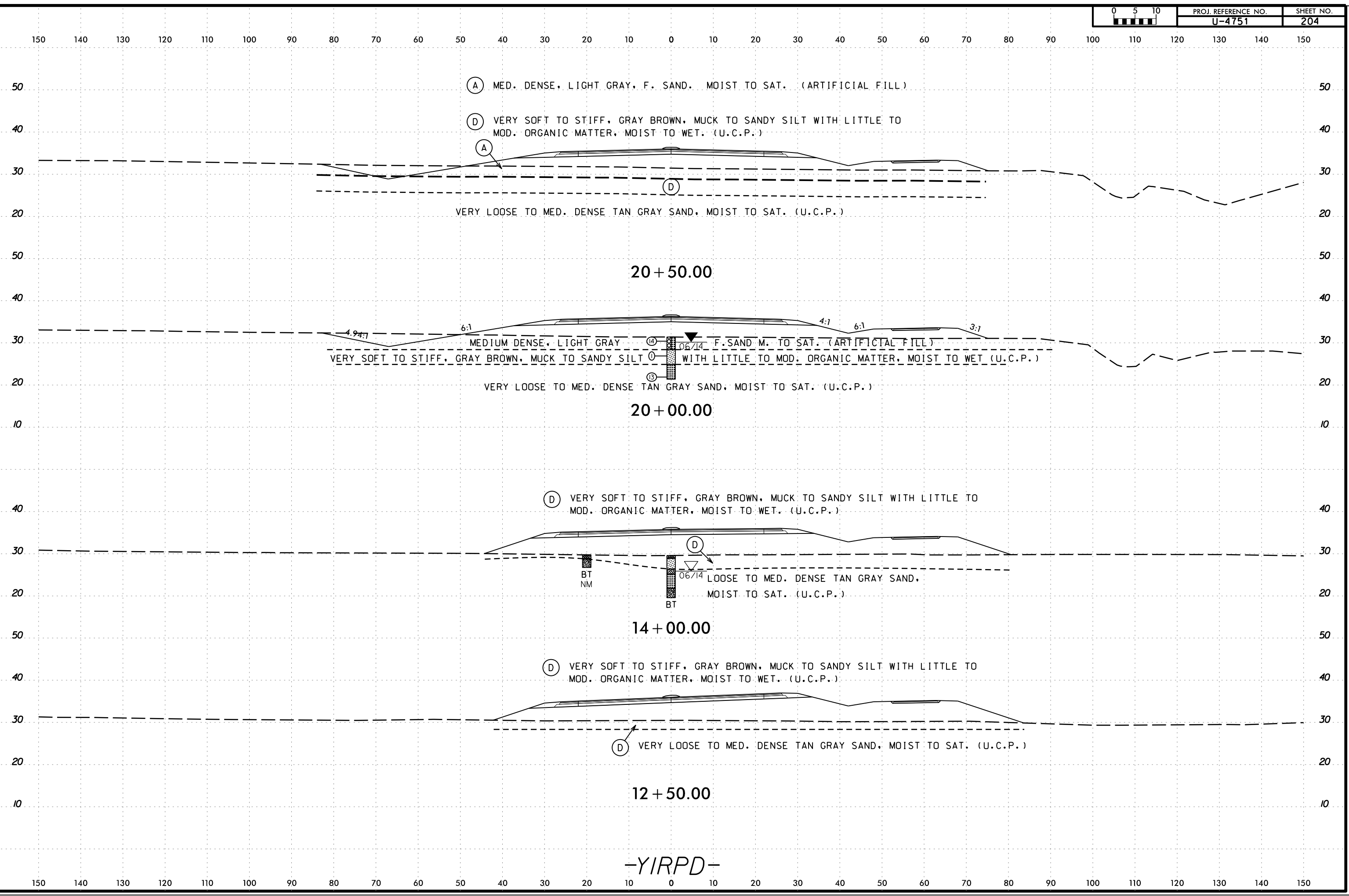


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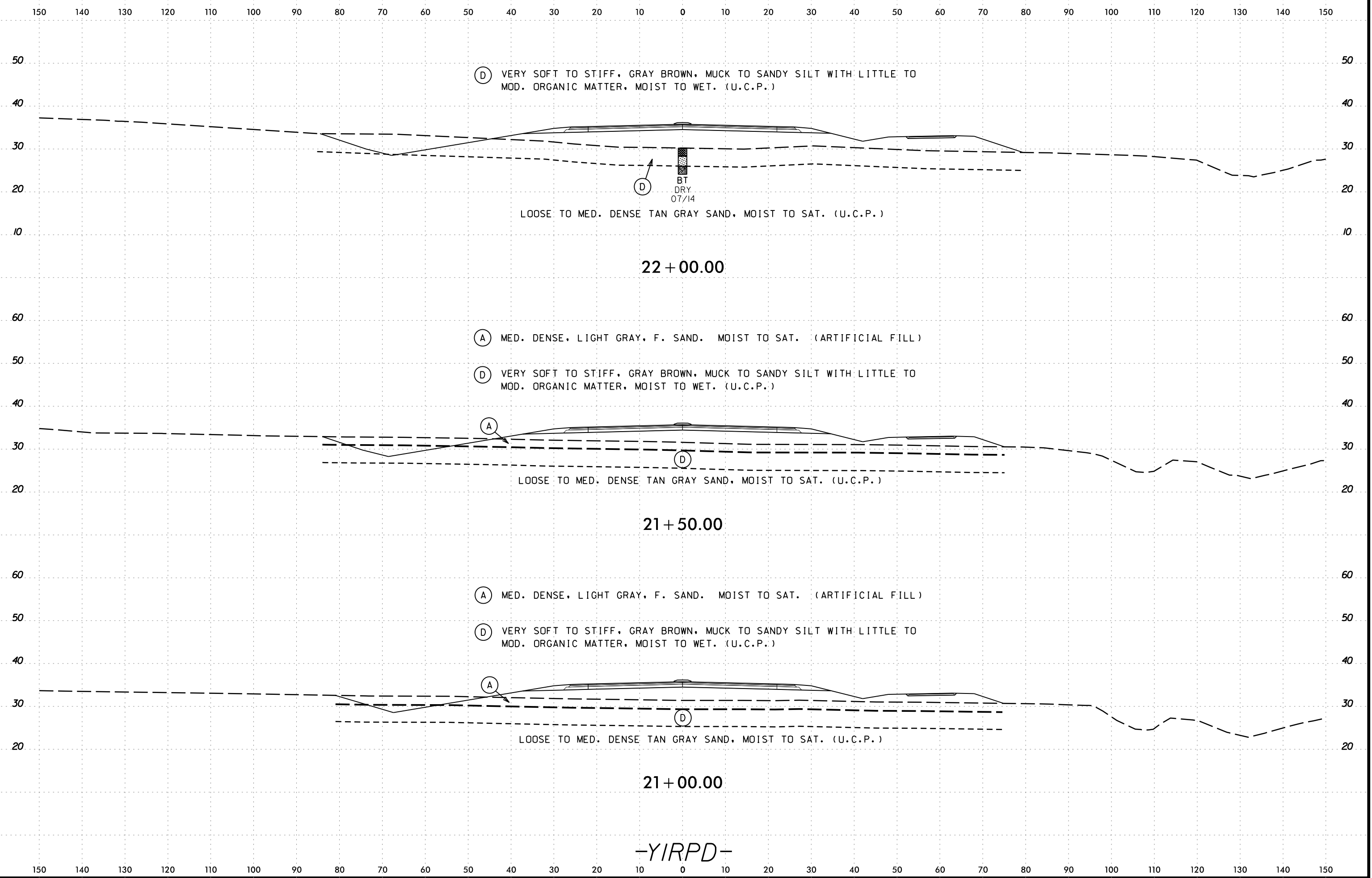
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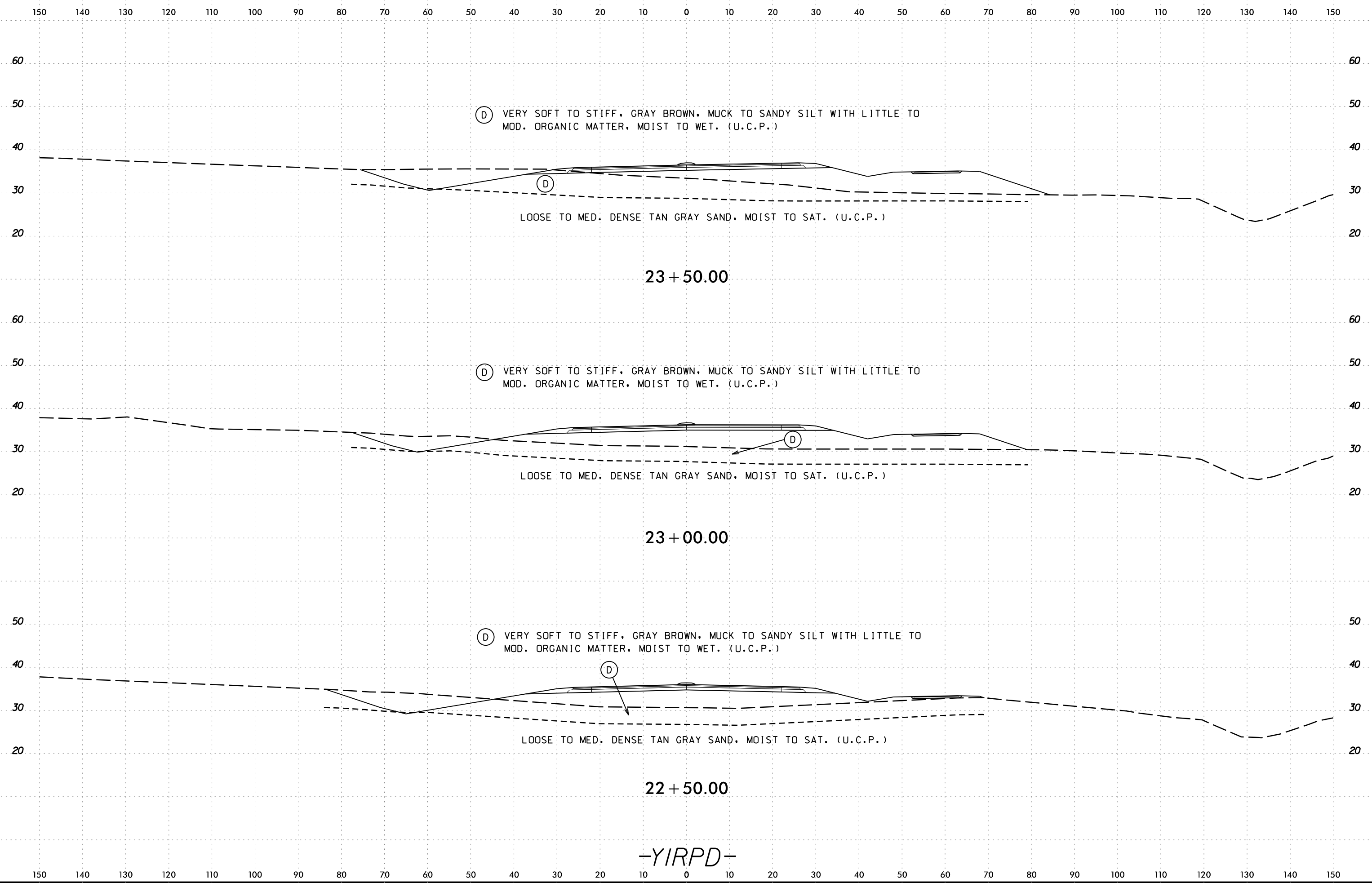


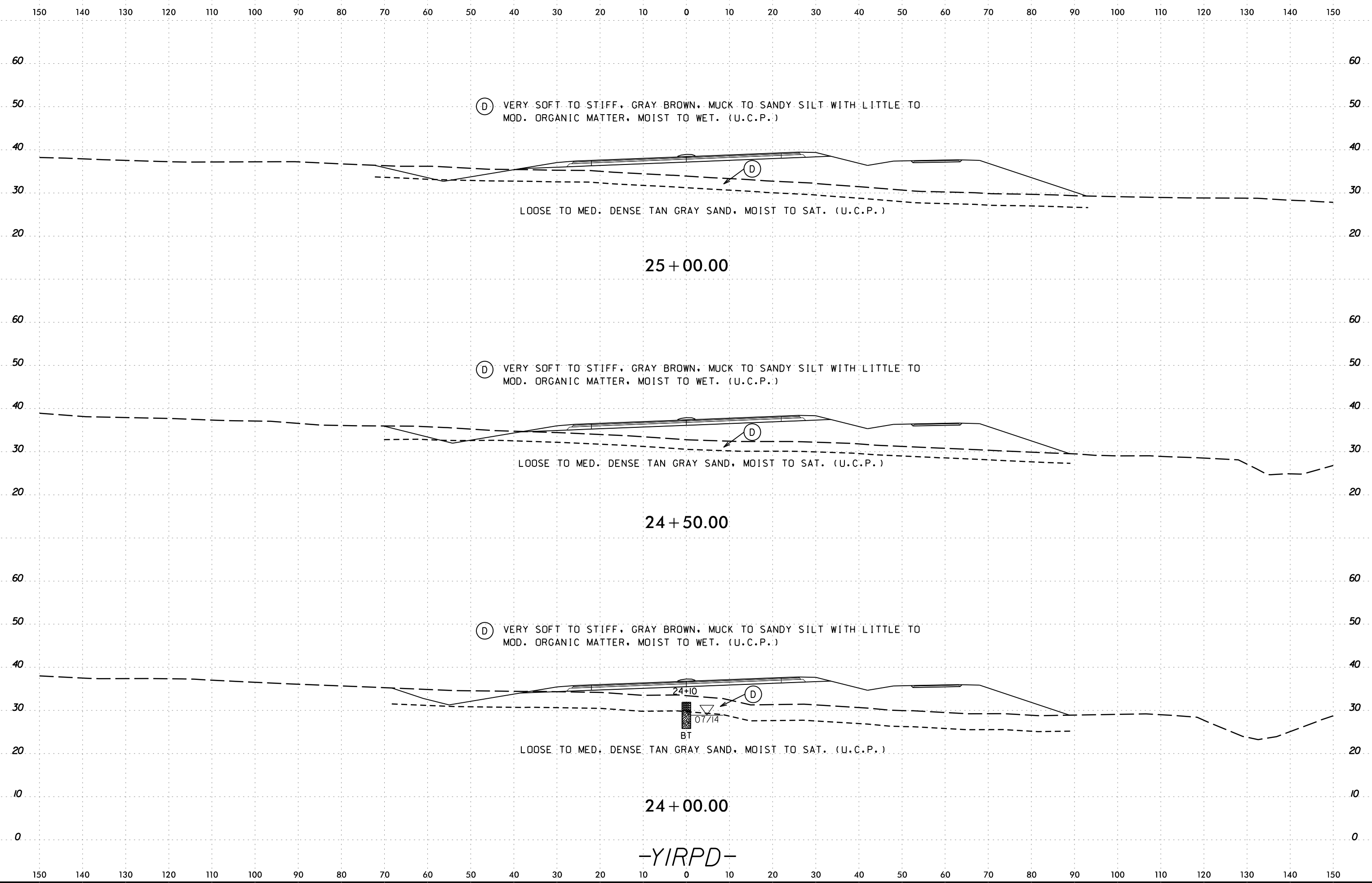
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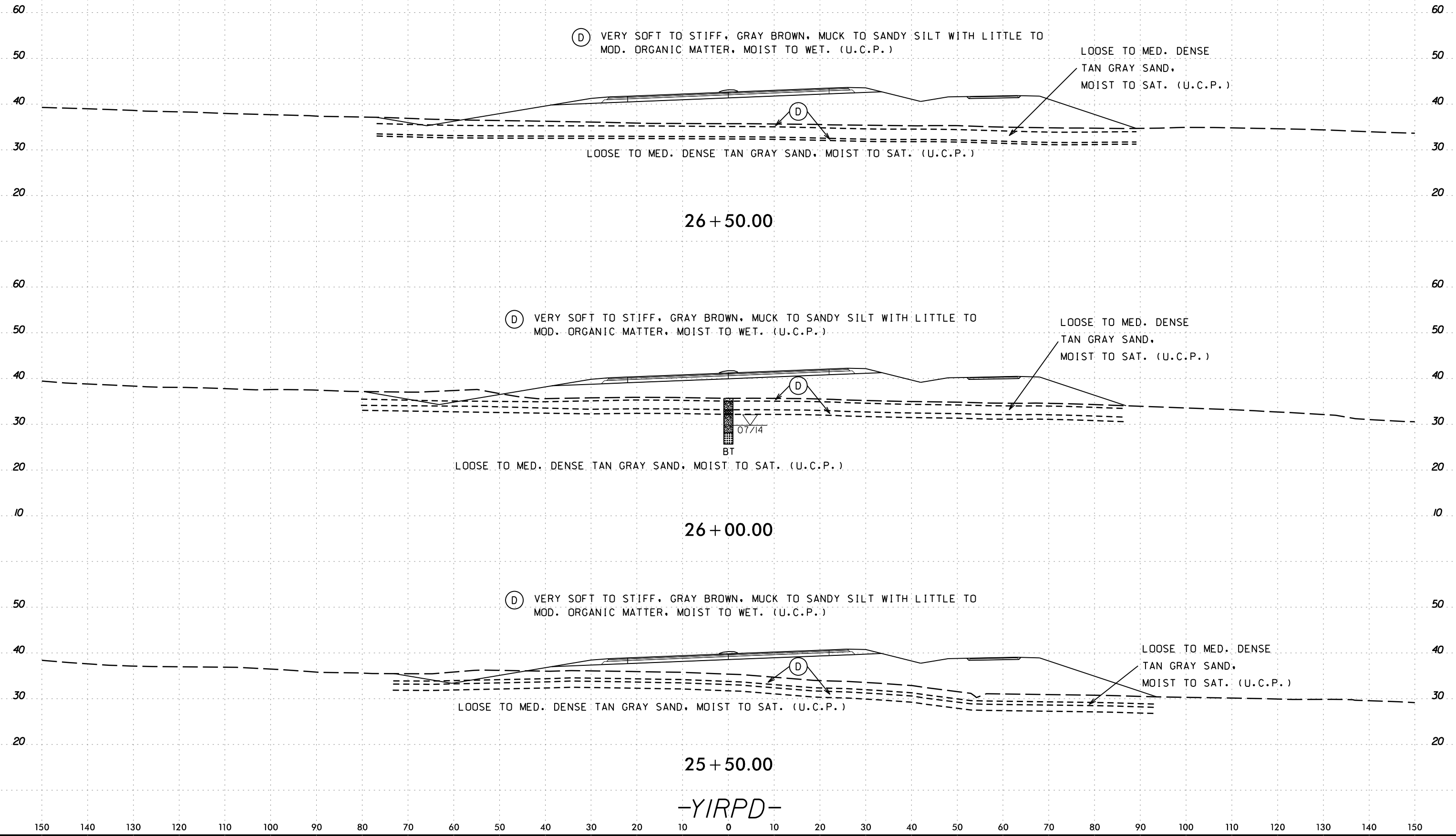






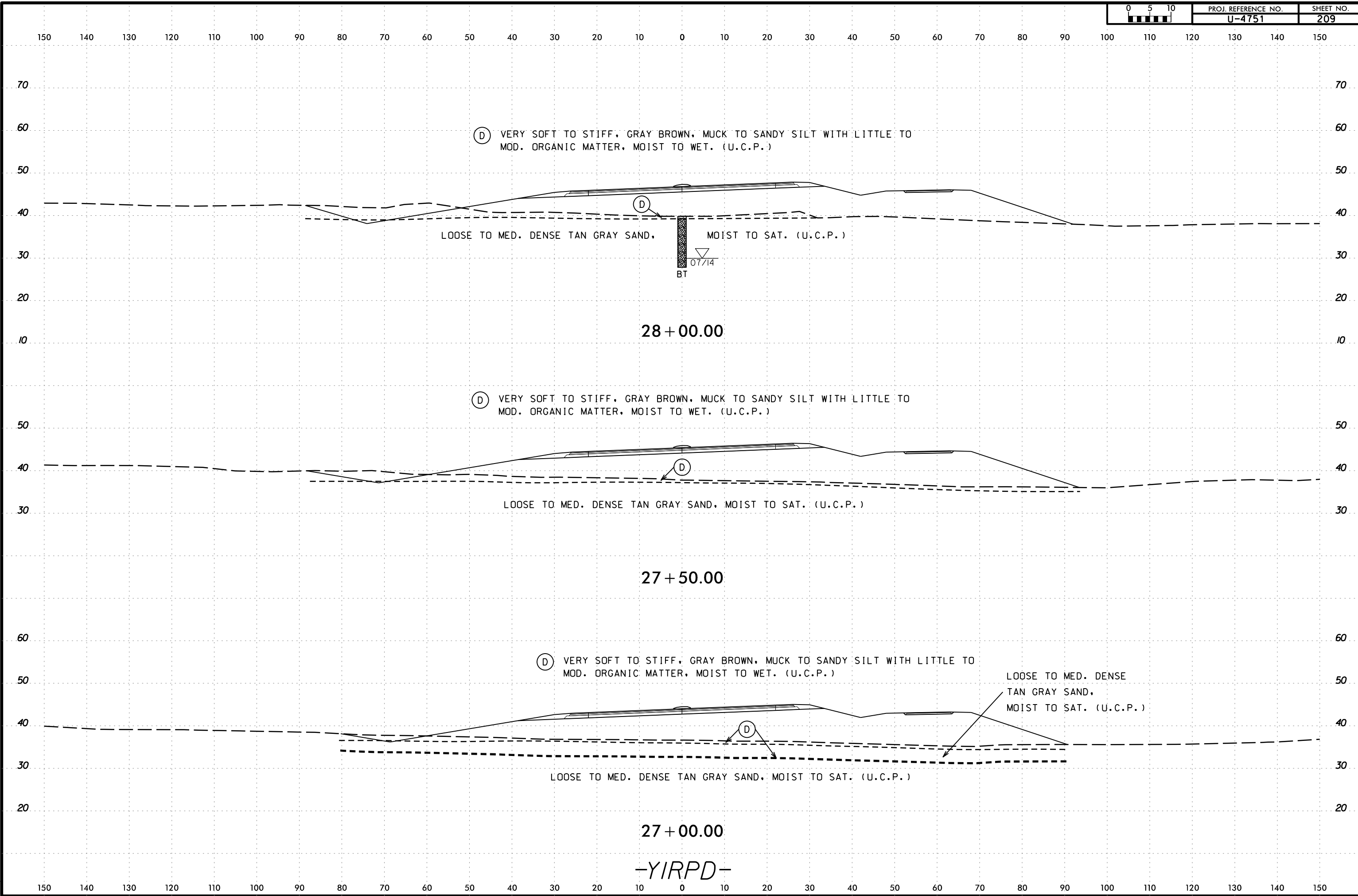
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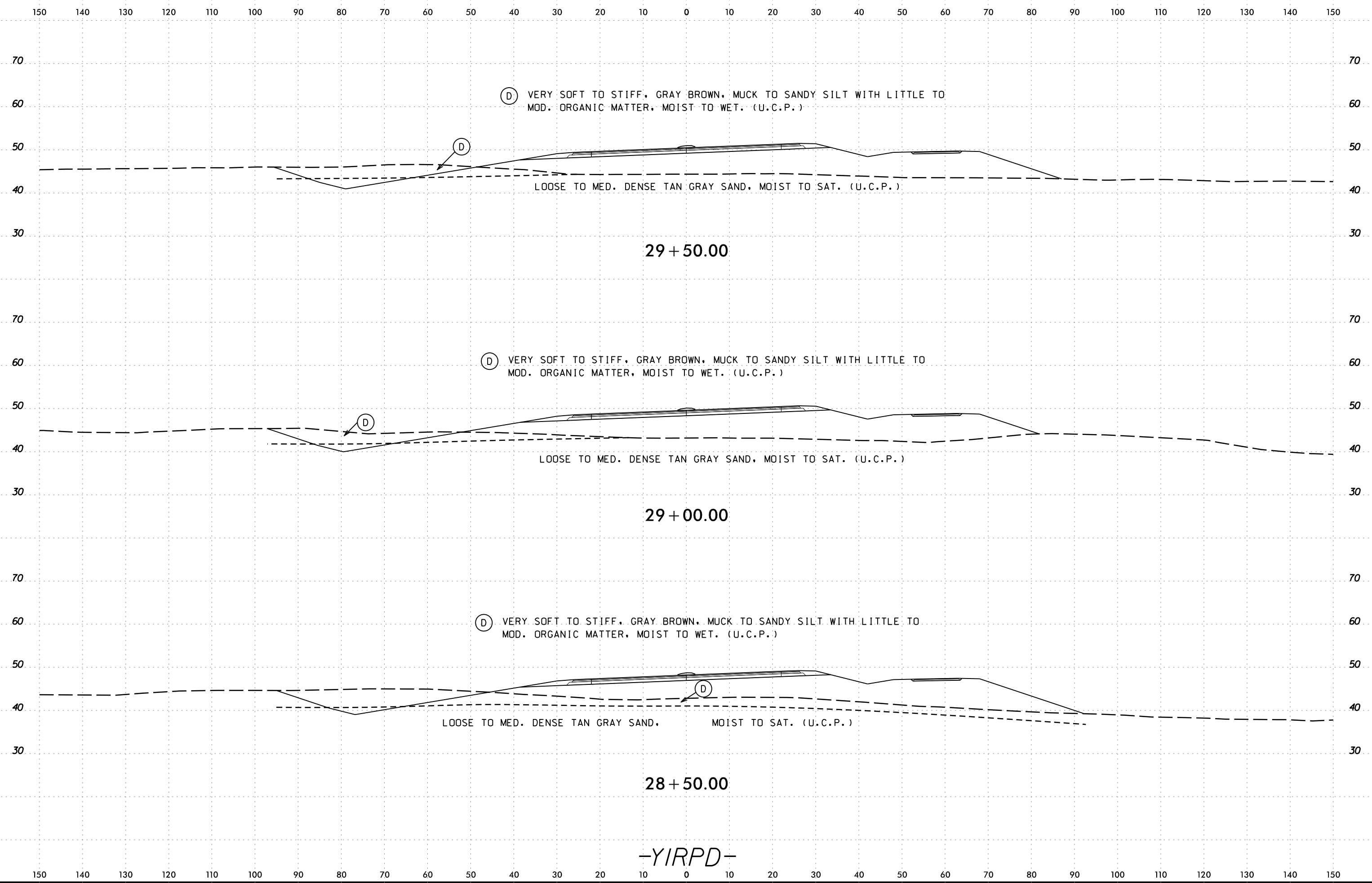
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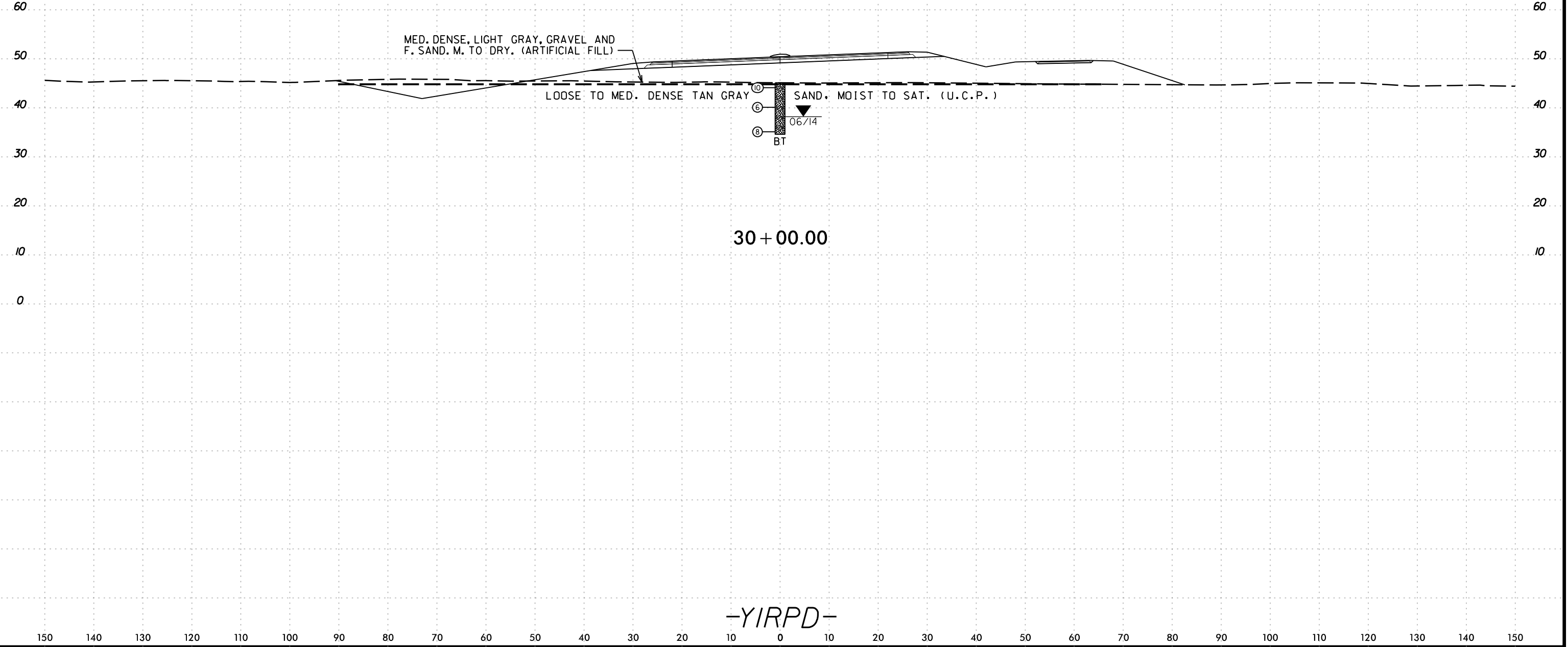


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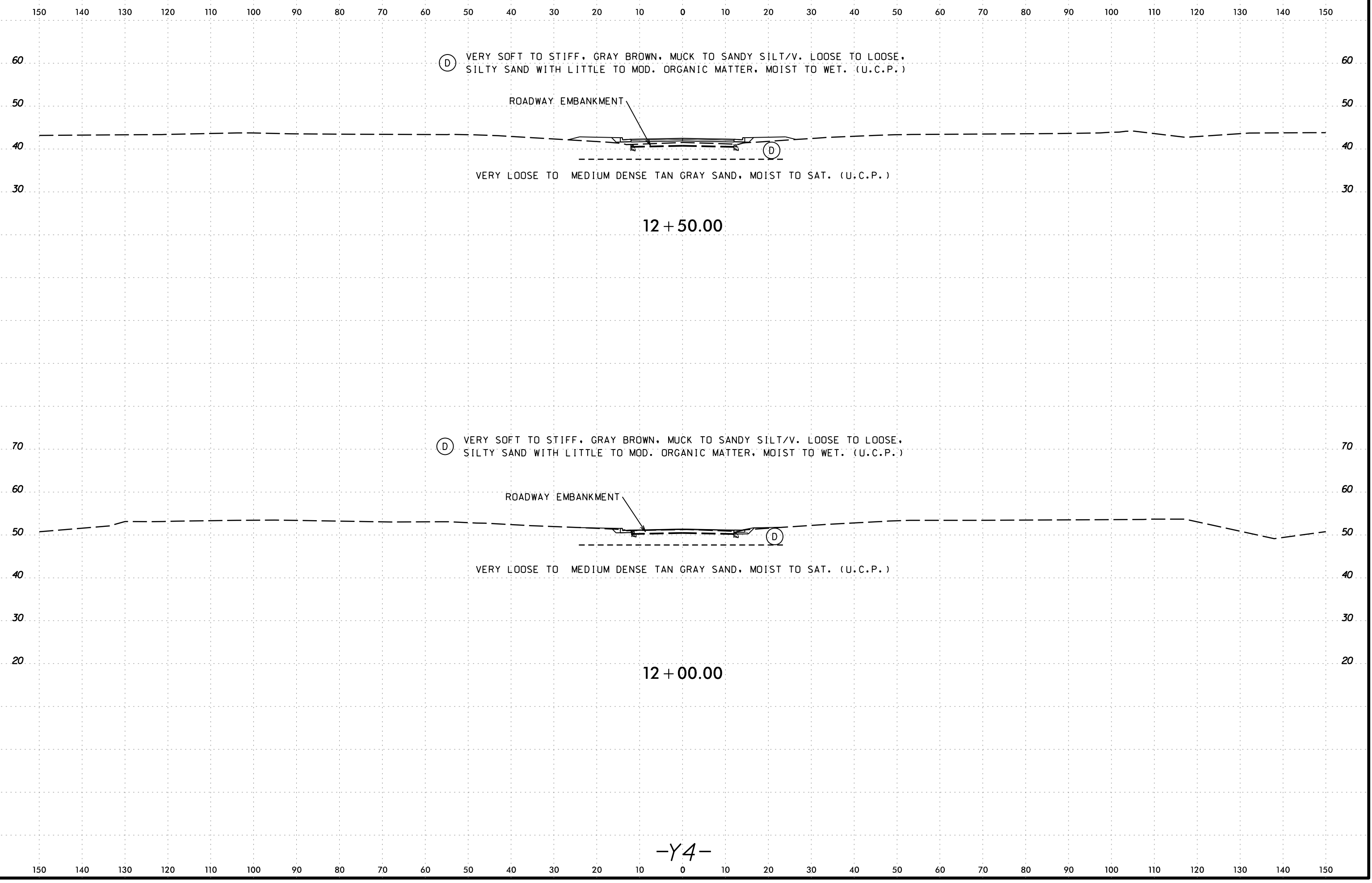
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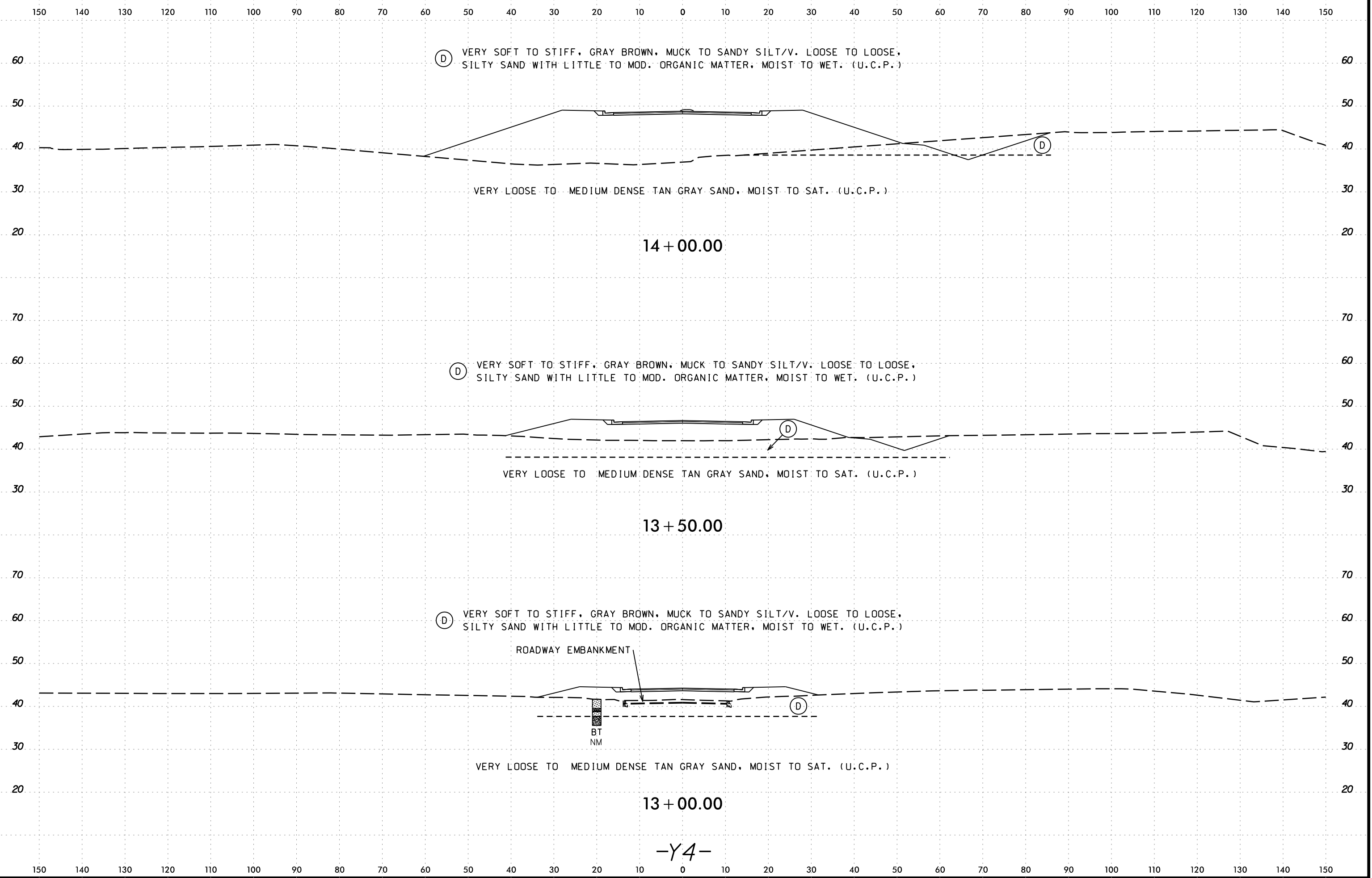


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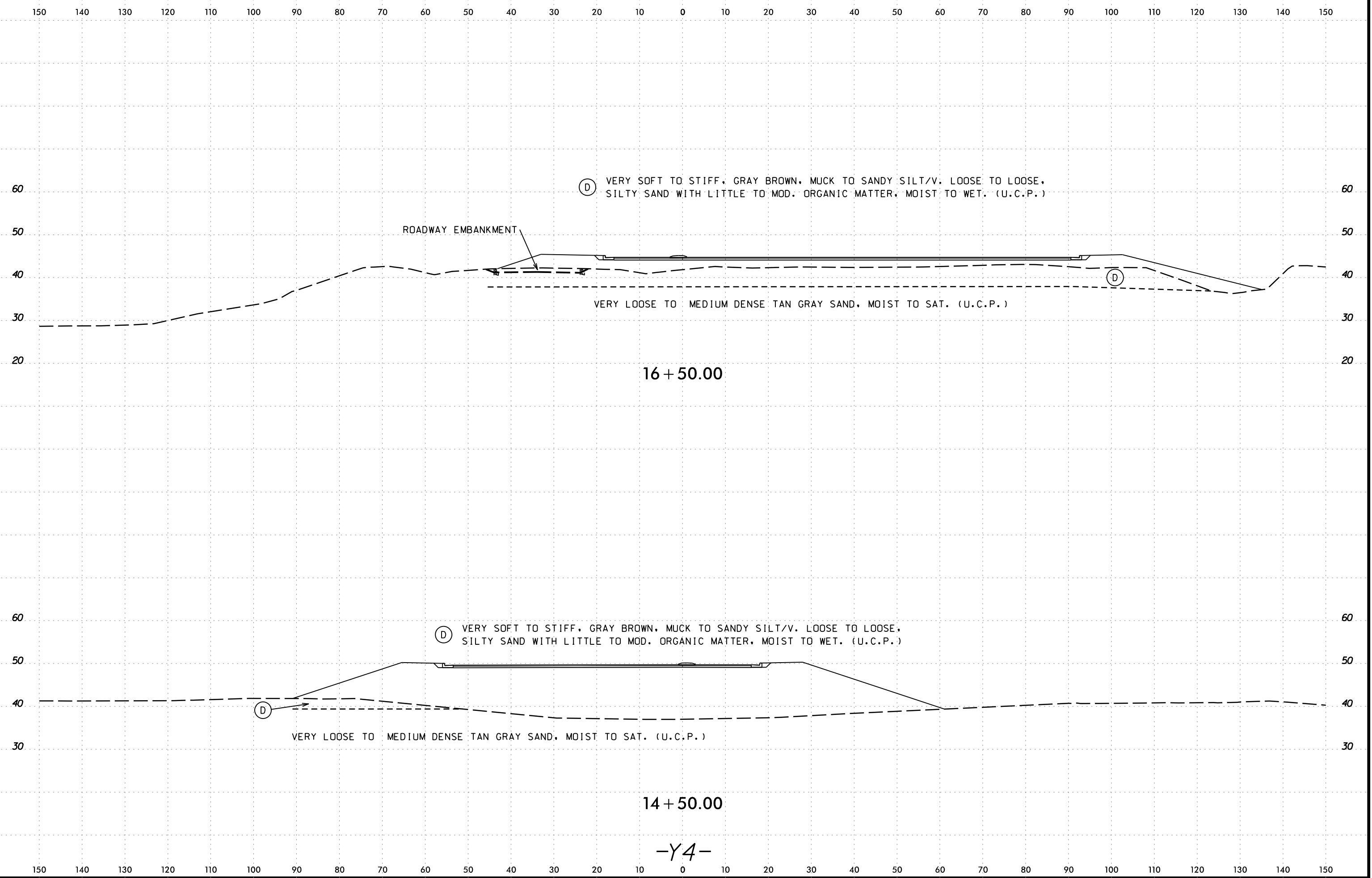
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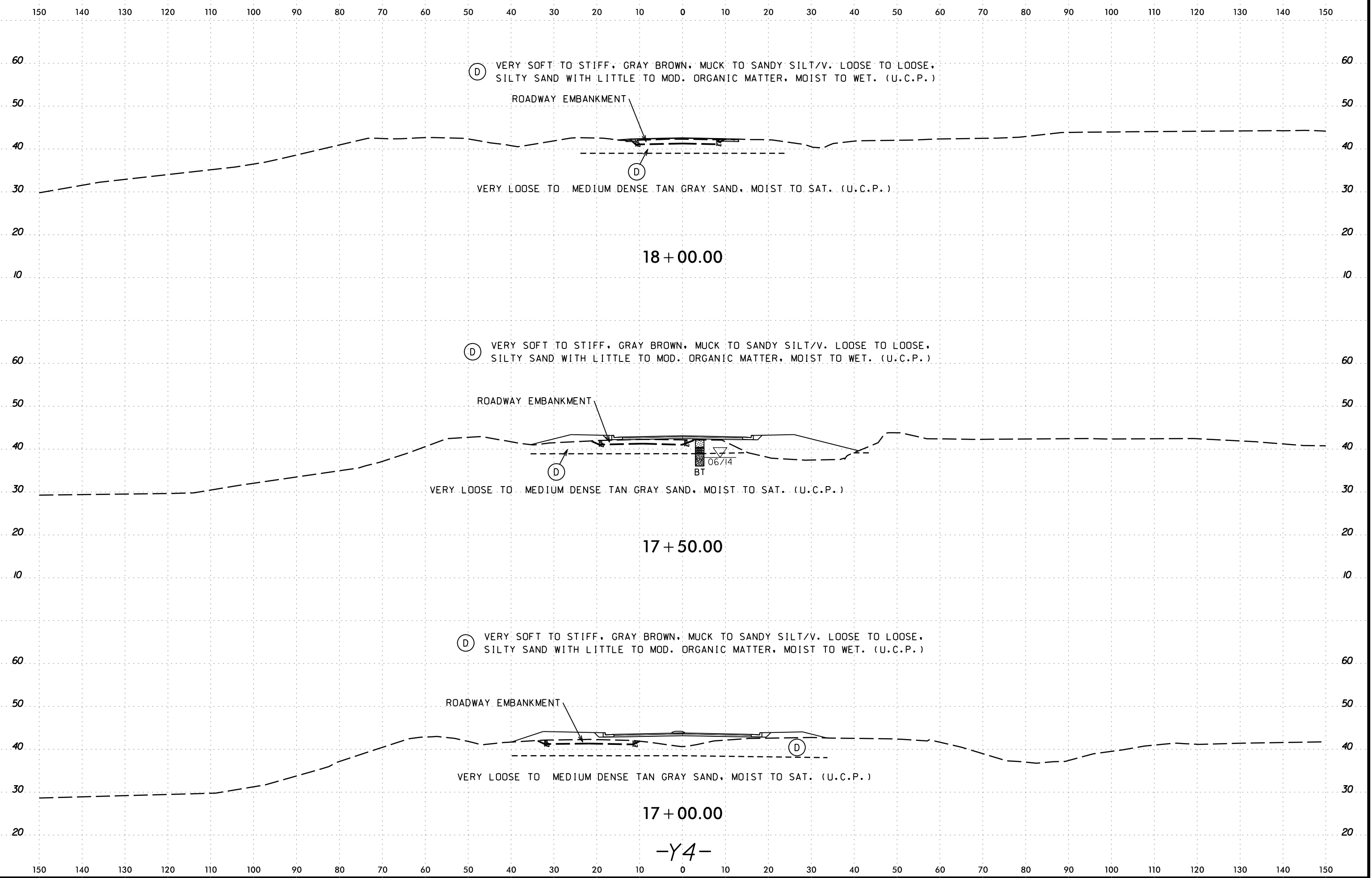
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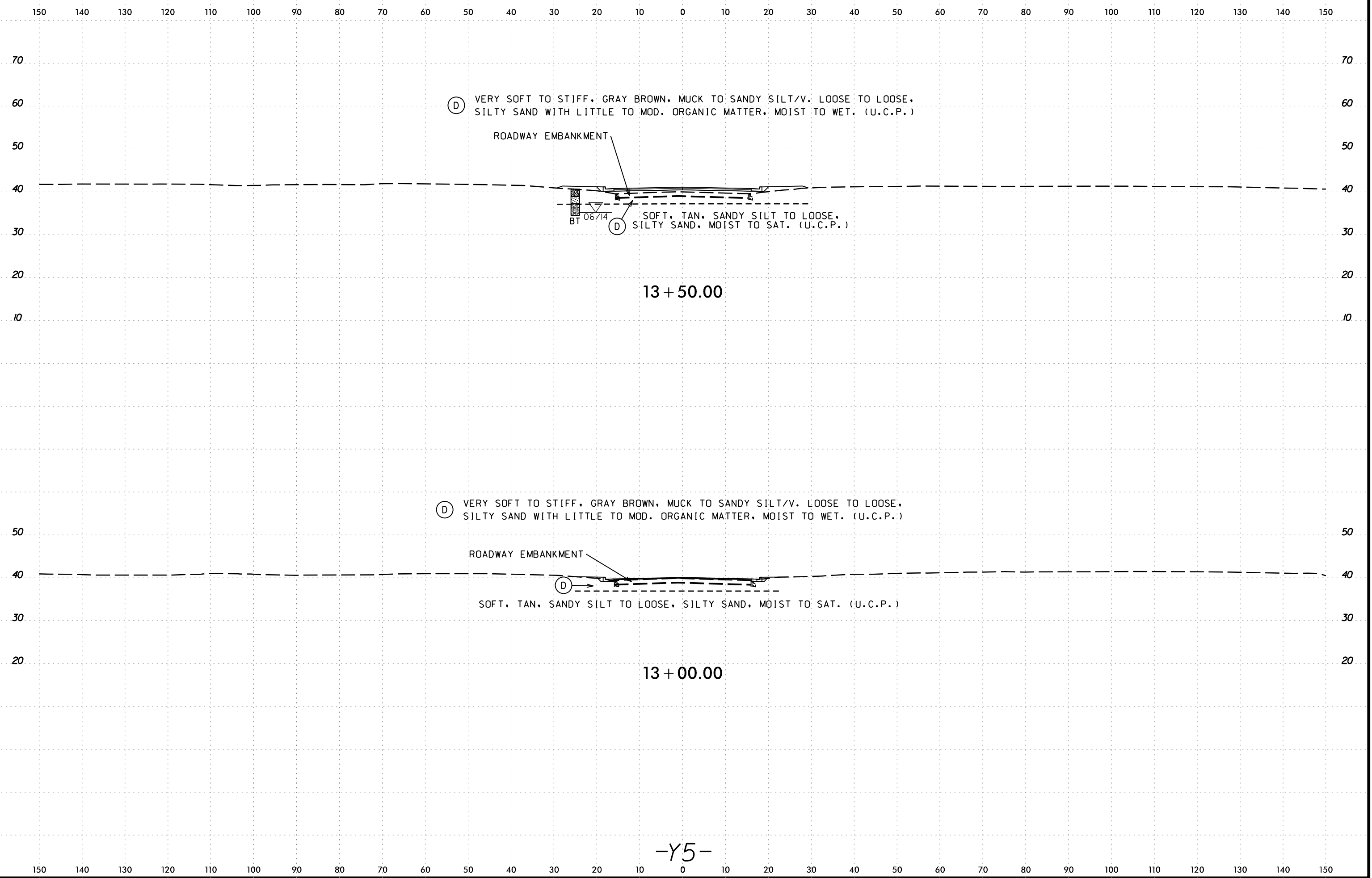
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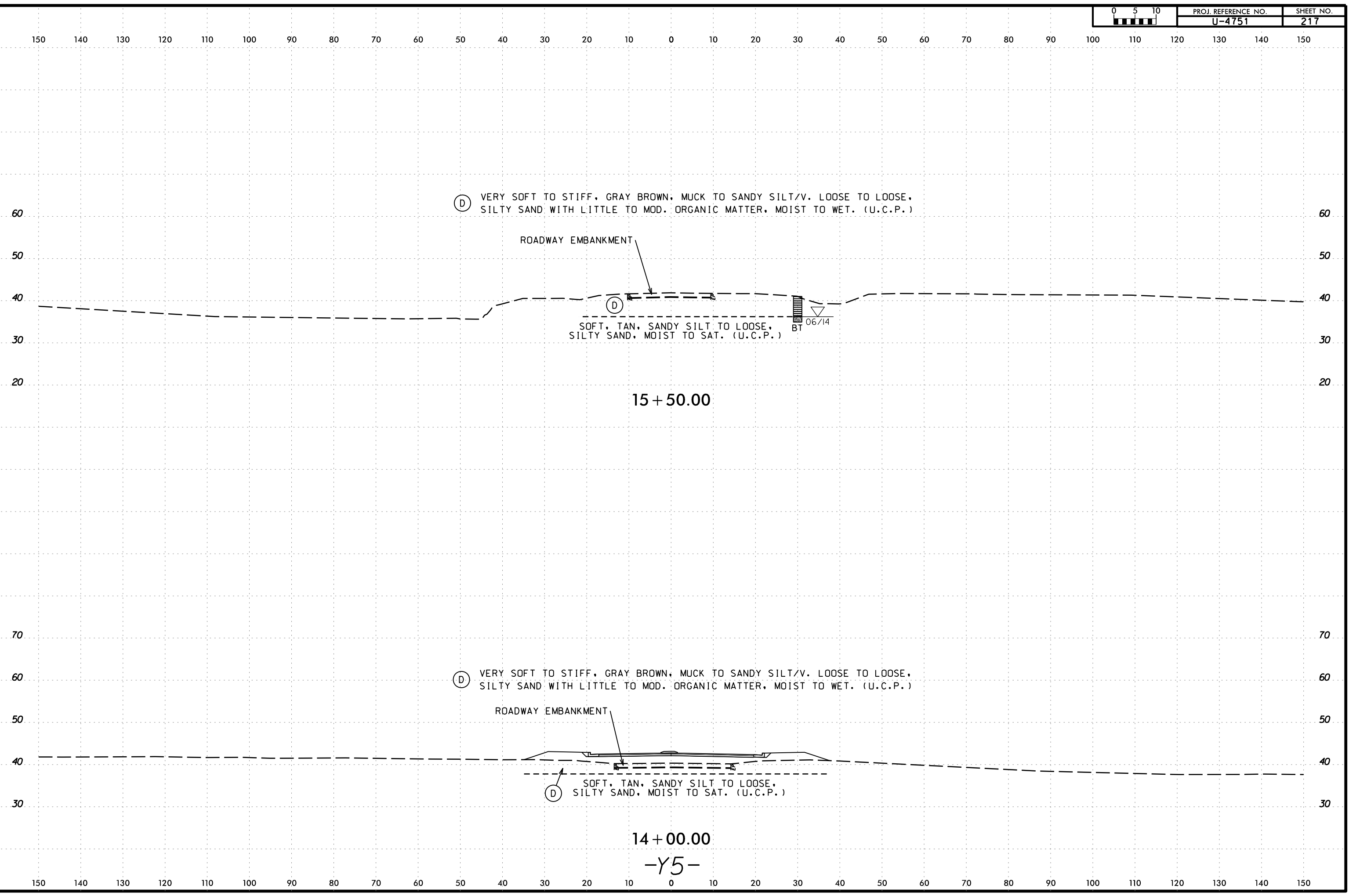


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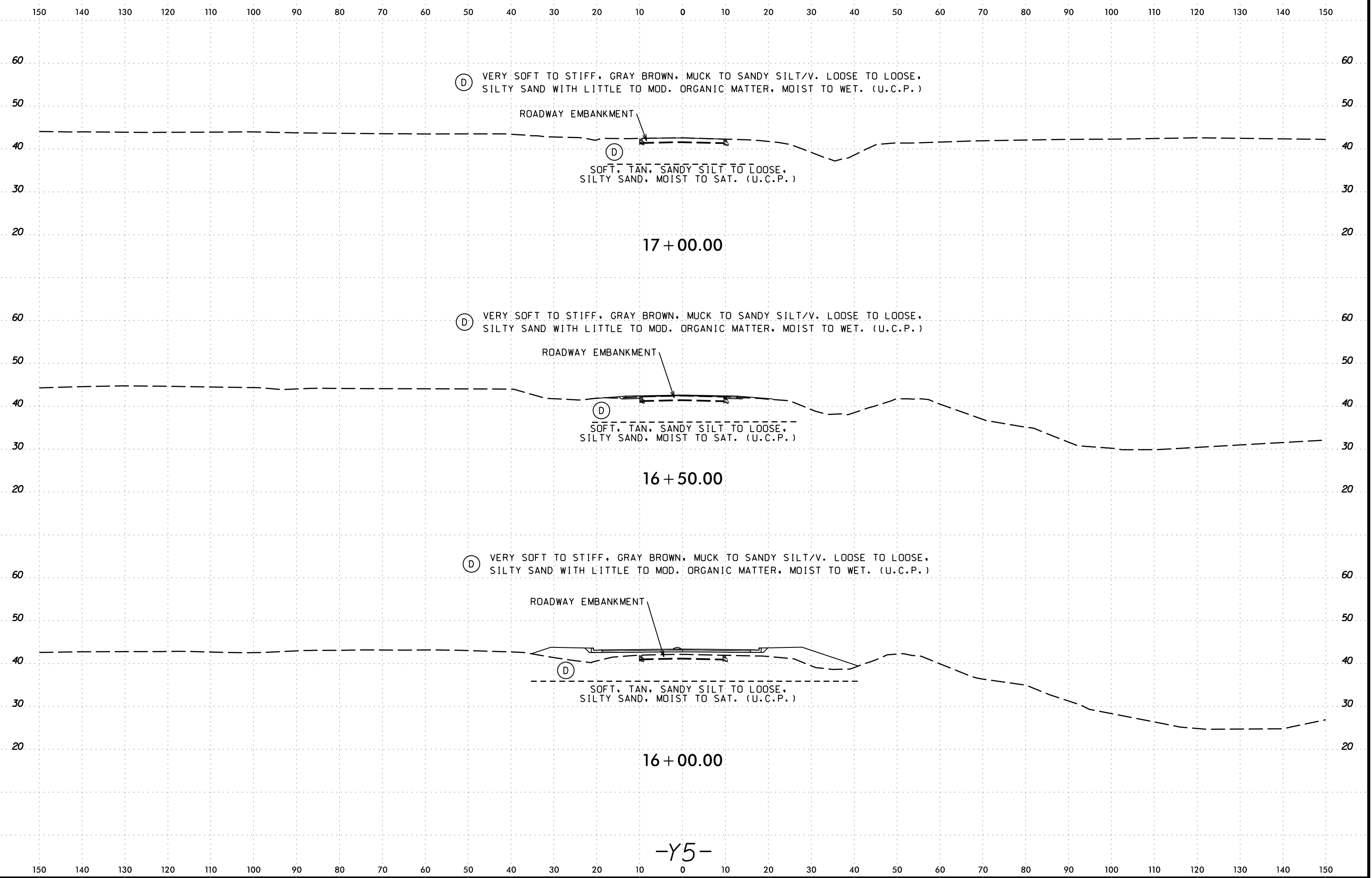




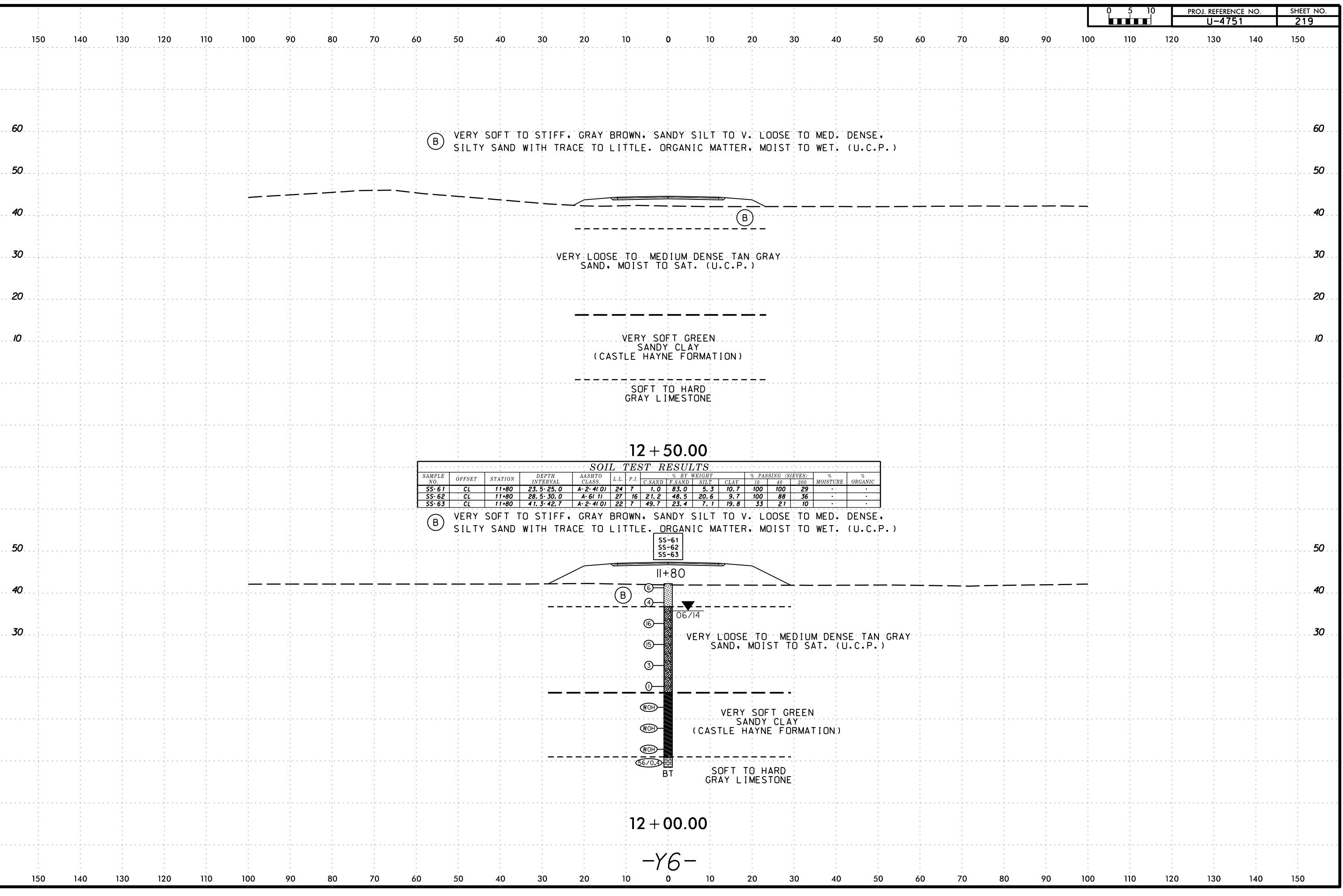
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(B) VERY SOFT TO STIFF, GRAY BROWN, SANDY SILT TO V. LOOSE TO MED. DENSE,  
 SILTY SAND WITH TRACE TO LITTLE. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY  
 SAND, MOIST TO SAT. (U.C.P.)

VERY SOFT GREEN  
 SANDY CLAY  
 (CASTLE HAYNE FORMATION)

SOFT TO HARD  
 GRAY LIMESTONE

12 + 50.00

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-61	CL	11+80	23.5-25.0	A-2-4(0)	24	7	1.0	83.0	5.3	10.7	100	100	29	-	-
SS-62	CL	11+80	28.5-30.0	A-6(1)	27	16	21.2	48.5	20.6	9.7	100	88	36	-	-
SS-63	CL	11+80	41.3-42.7	A-2-4(0)	22	7	49.7	23.4	7.1	19.8	33	21	10	-	-

(B) VERY SOFT TO STIFF, GRAY BROWN, SANDY SILT TO V. LOOSE TO MED. DENSE,  
 SILTY SAND WITH TRACE TO LITTLE. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

11+80

(B)

06/14

VERY LOOSE TO MEDIUM DENSE TAN GRAY  
 SAND, MOIST TO SAT. (U.C.P.)

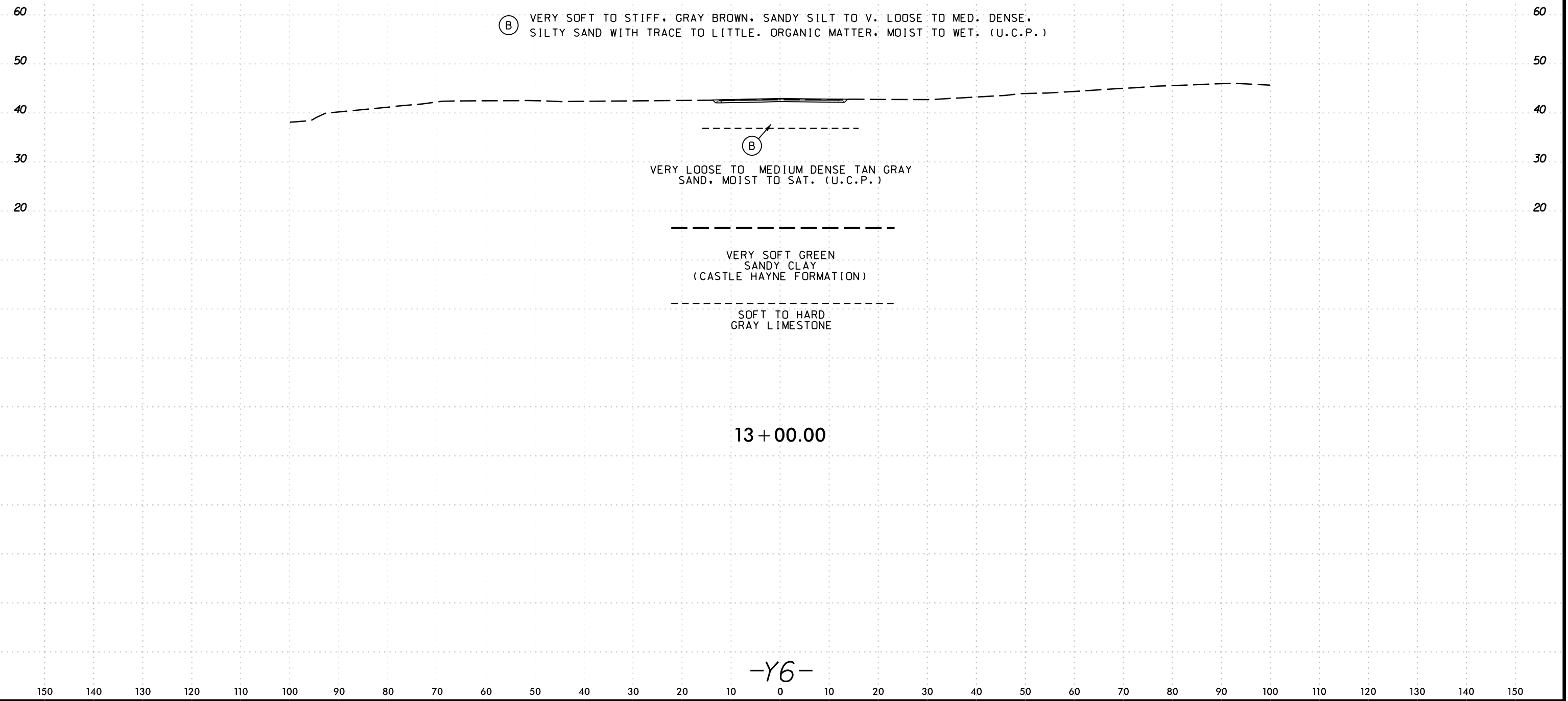
VERY SOFT GREEN  
 SANDY CLAY  
 (CASTLE HAYNE FORMATION)

SOFT TO HARD  
 GRAY LIMESTONE

12 + 00.00

-Y6-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



ⓑ VERY SOFT TO STIFF, GRAY BROWN, SANDY SILT TO V. LOOSE TO MED. DENSE, SILTY SAND WITH TRACE TO LITTLE, ORGANIC MATTER, MOIST TO WET. (U.C.P.)

ⓑ

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

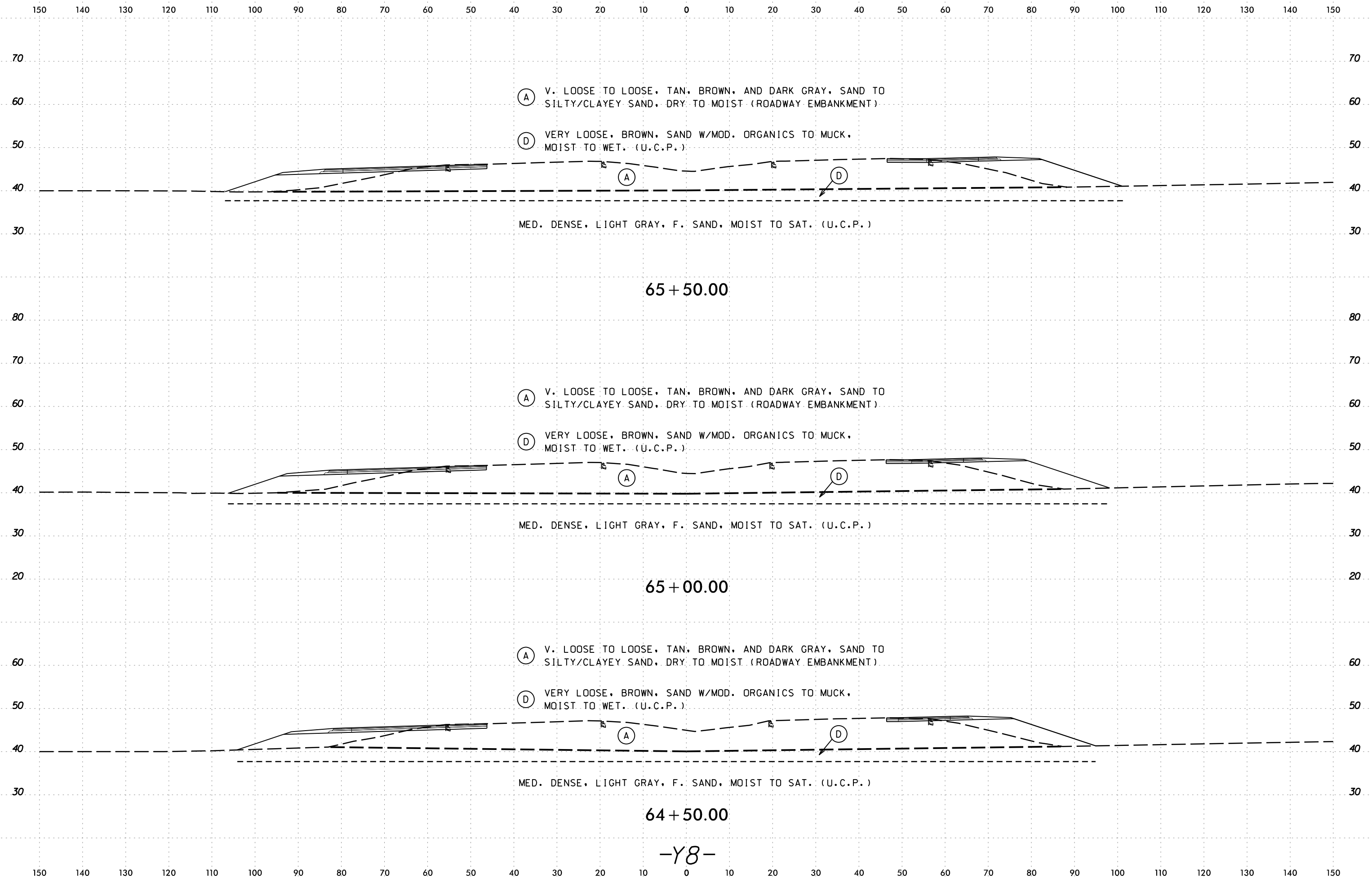
VERY SOFT GREEN SANDY CLAY (CASTLE HAYNE FORMATION)

SOFT TO HARD GRAY LIMESTONE

13 + 00.00

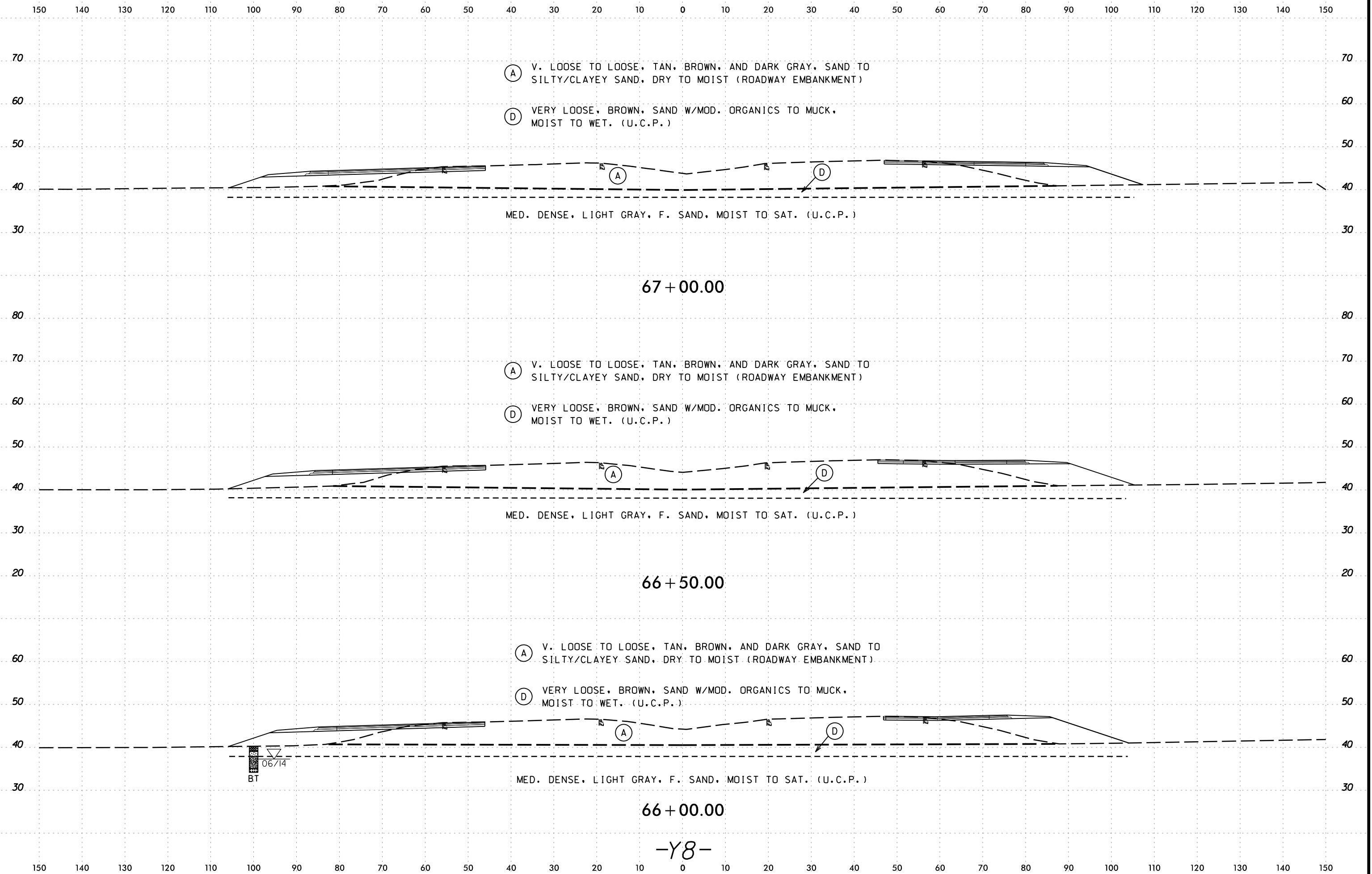
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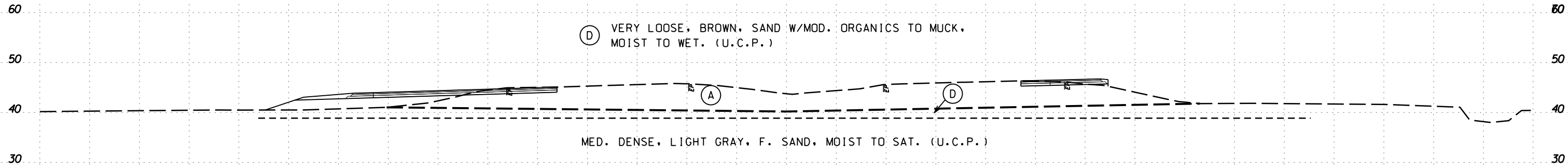
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(A) V. LOOSE TO LOOSE, TAN, BROWN, AND DARK GRAY, SAND TO SILTY/CLAYEY SAND, DRY TO MOIST (ROADWAY EMBANKMENT)

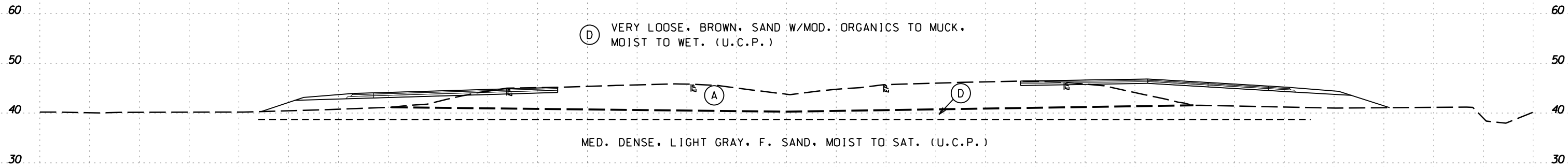
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69 + 00.00

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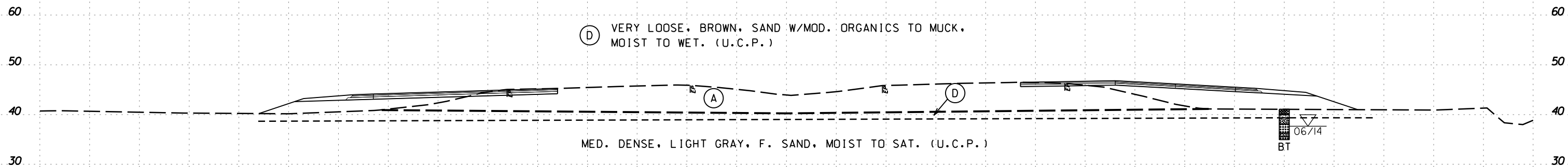
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68 + 50.00

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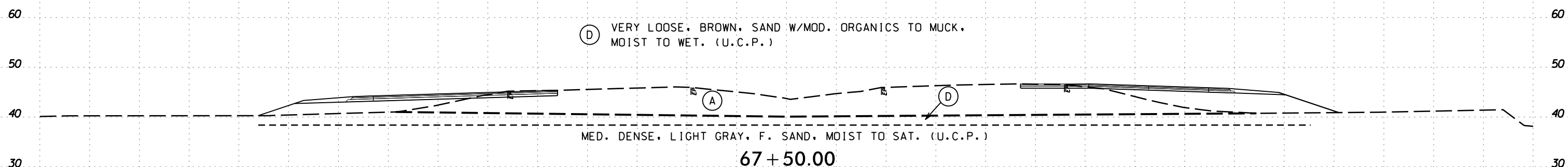
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68 + 00.00

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(D) VERY LOOSE, BROWN, SAND W/MOD. ORGANICS TO MUCK, MOIST TO WET. (U.C.P.)



67 + 50.00

-Y8-

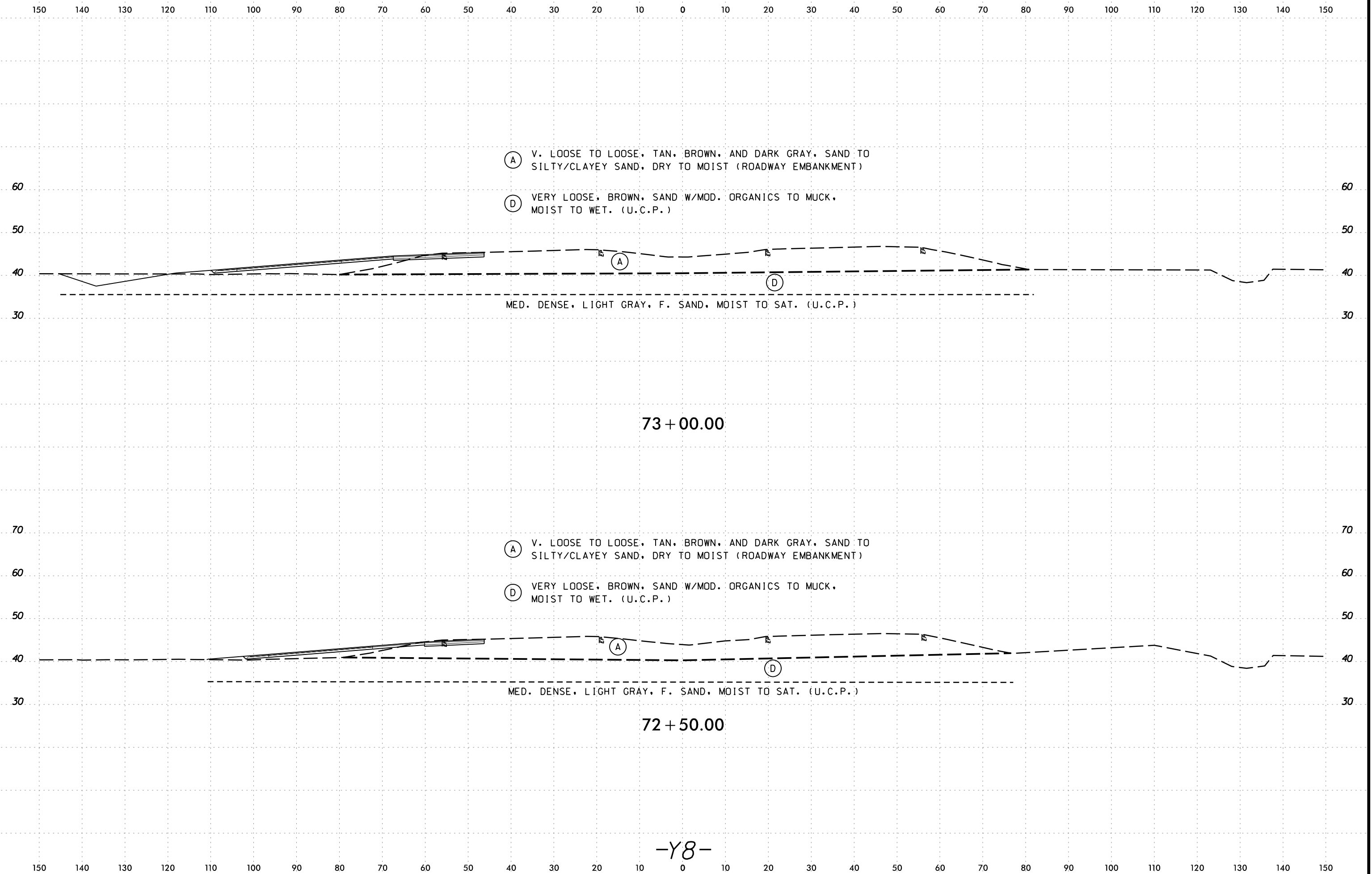
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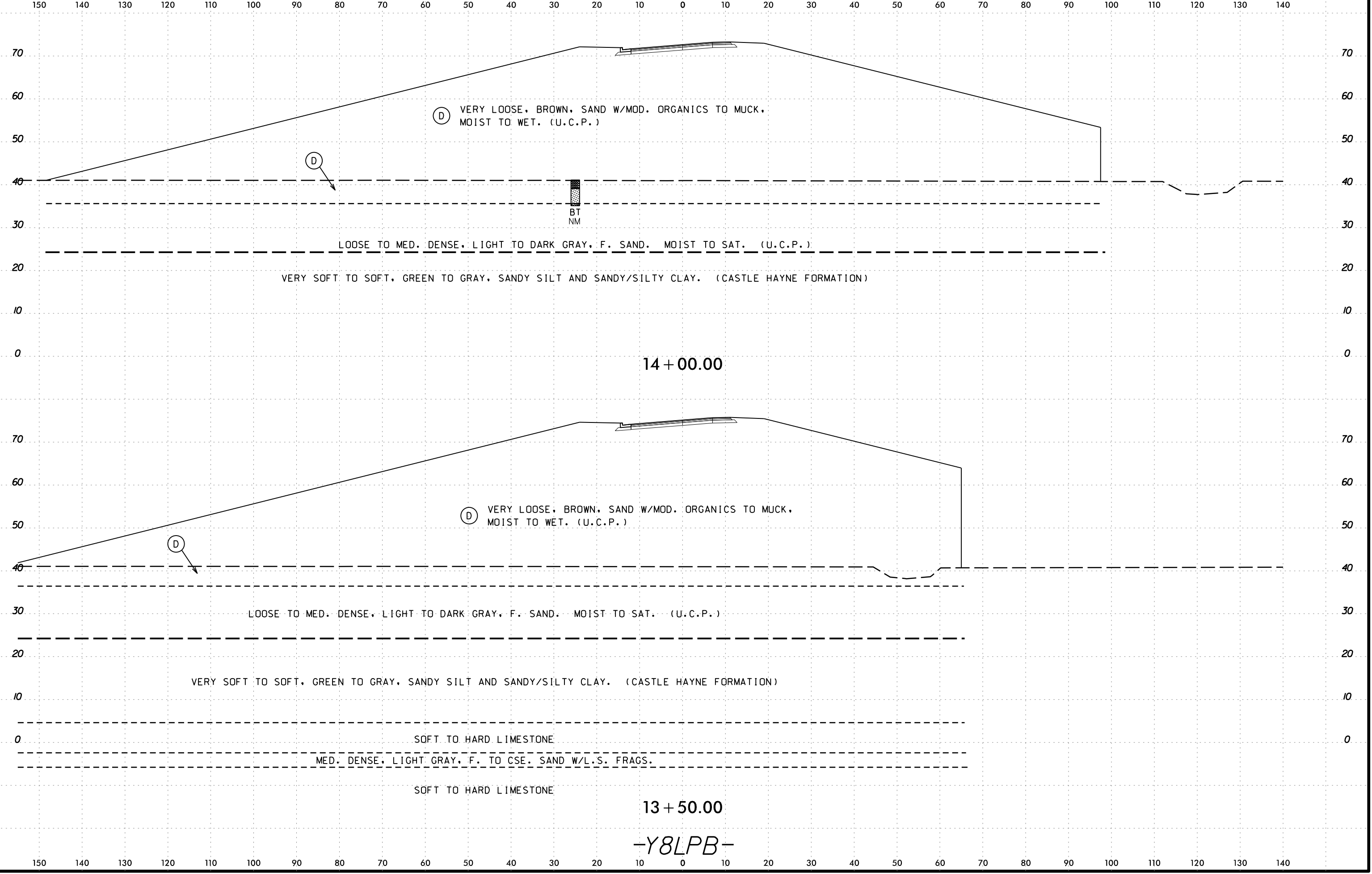


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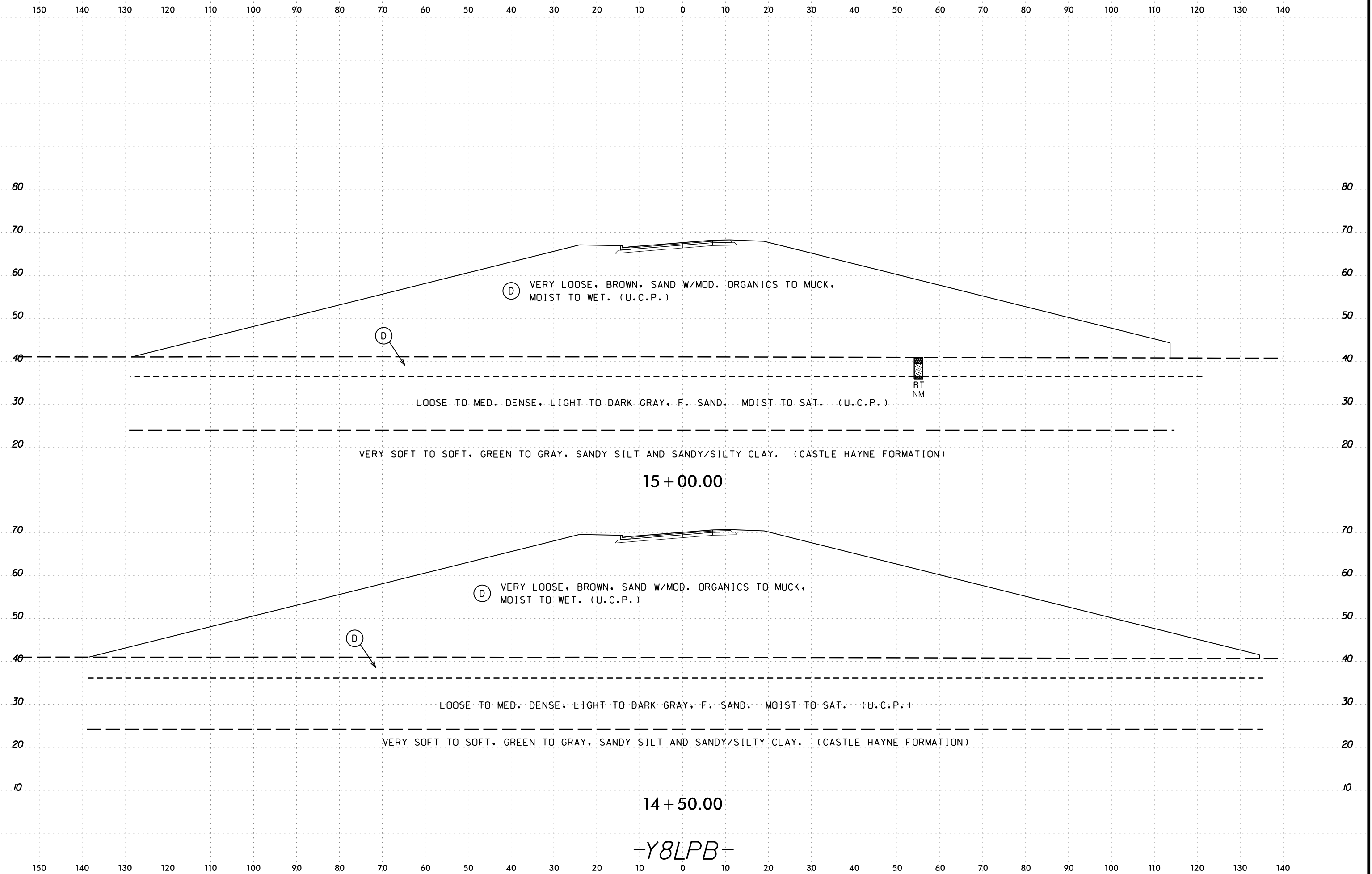


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14 + 00.00  
13 + 50.00  
-Y8LPB-

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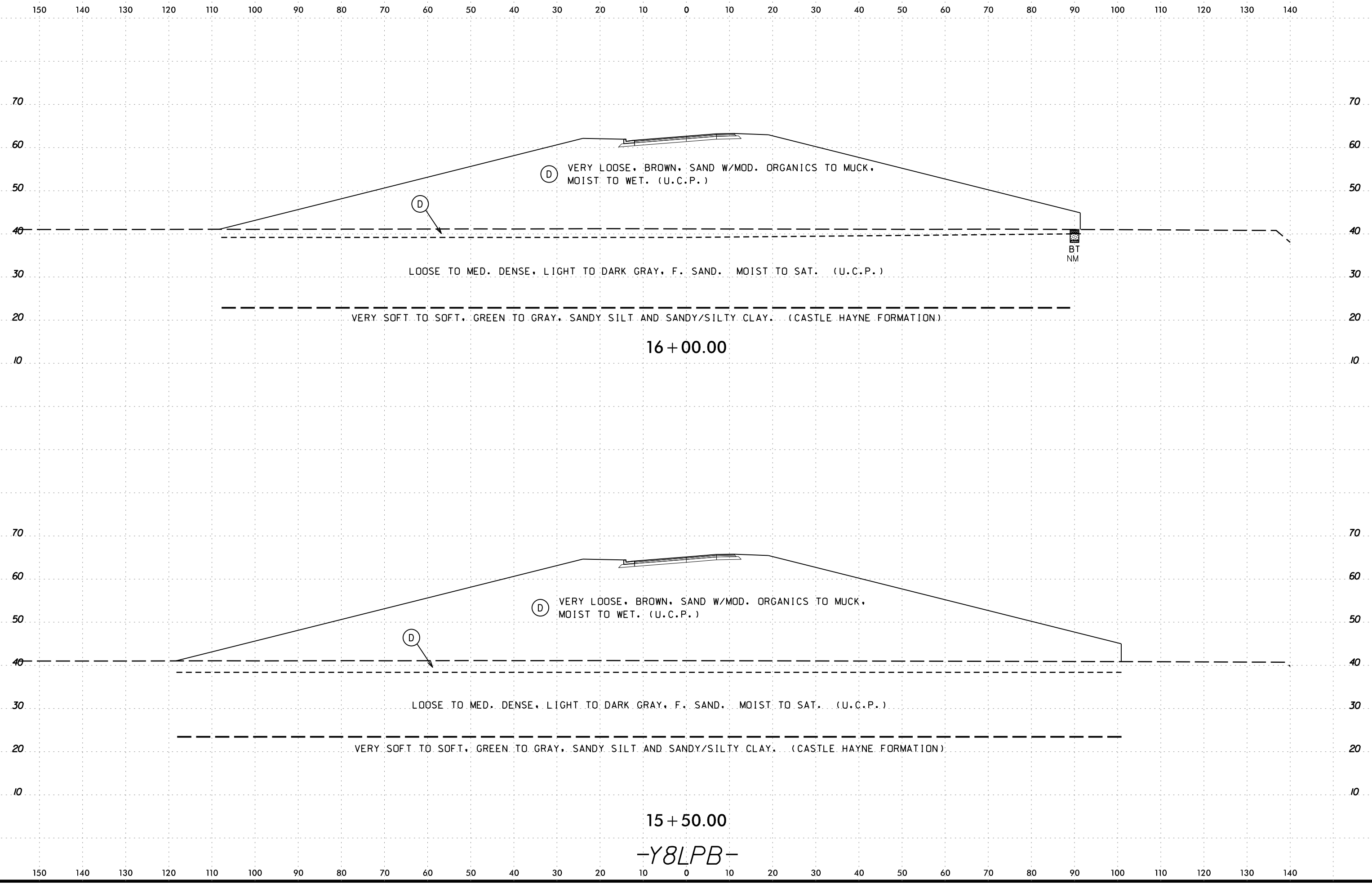


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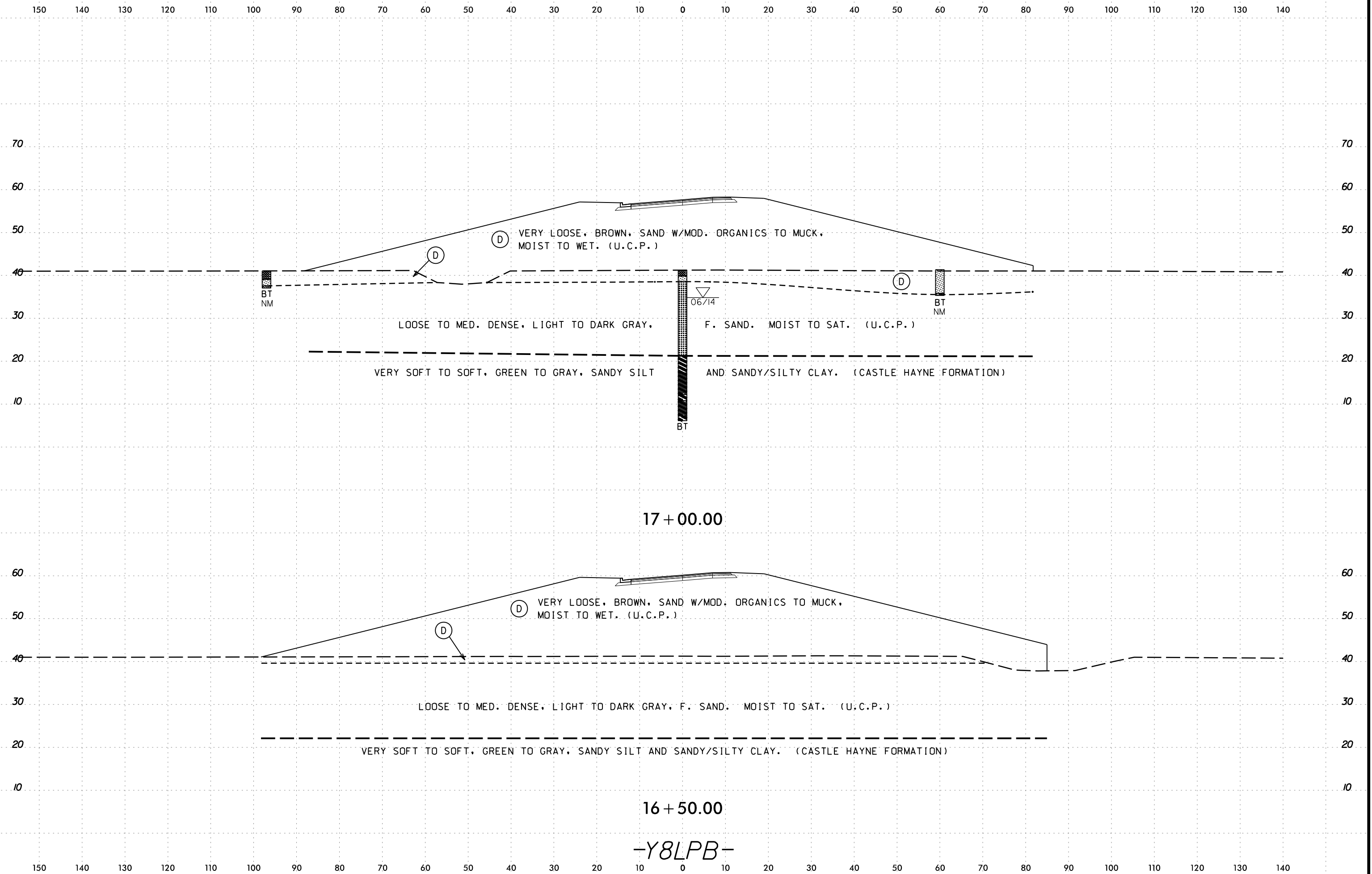
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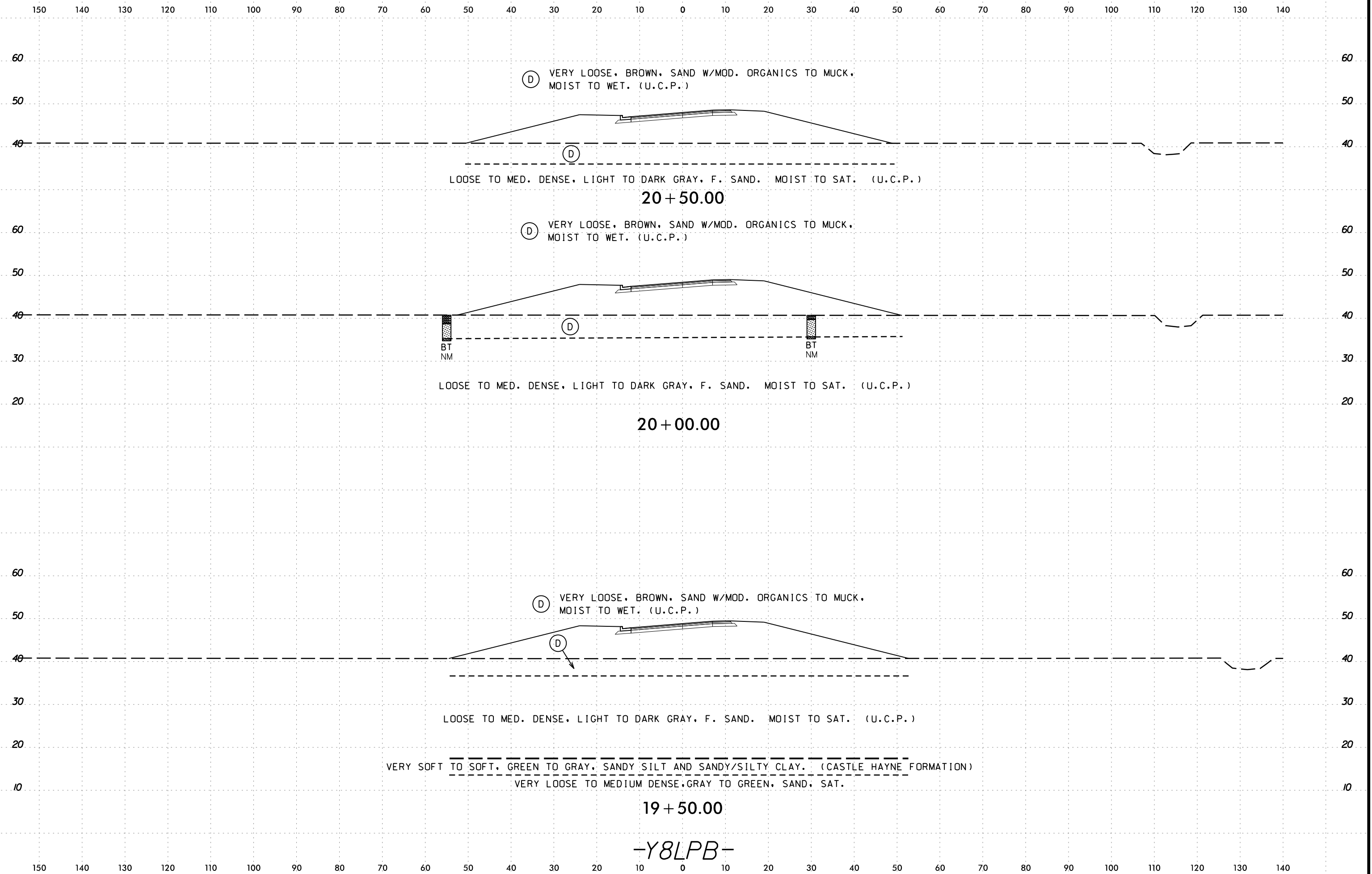




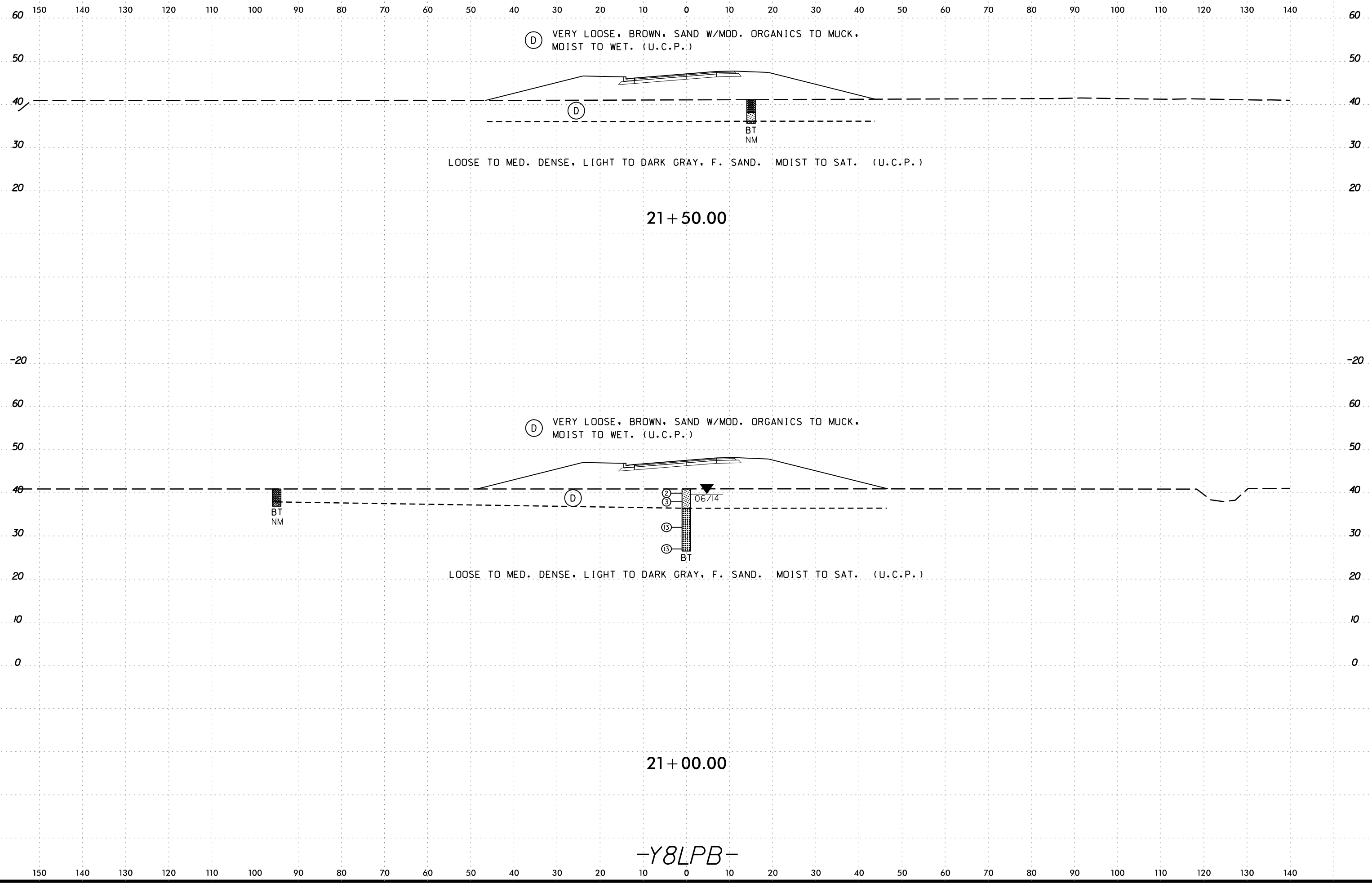




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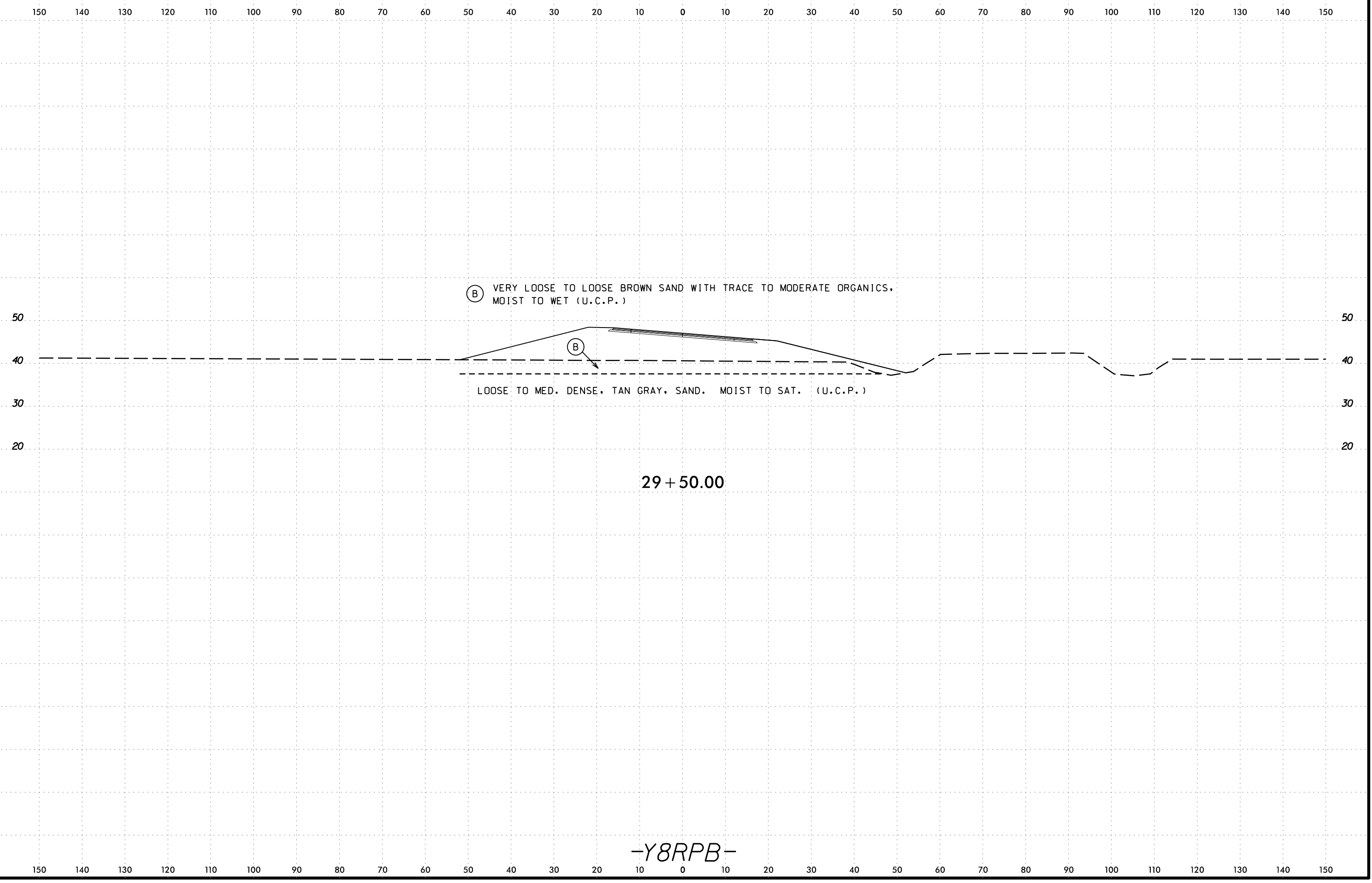


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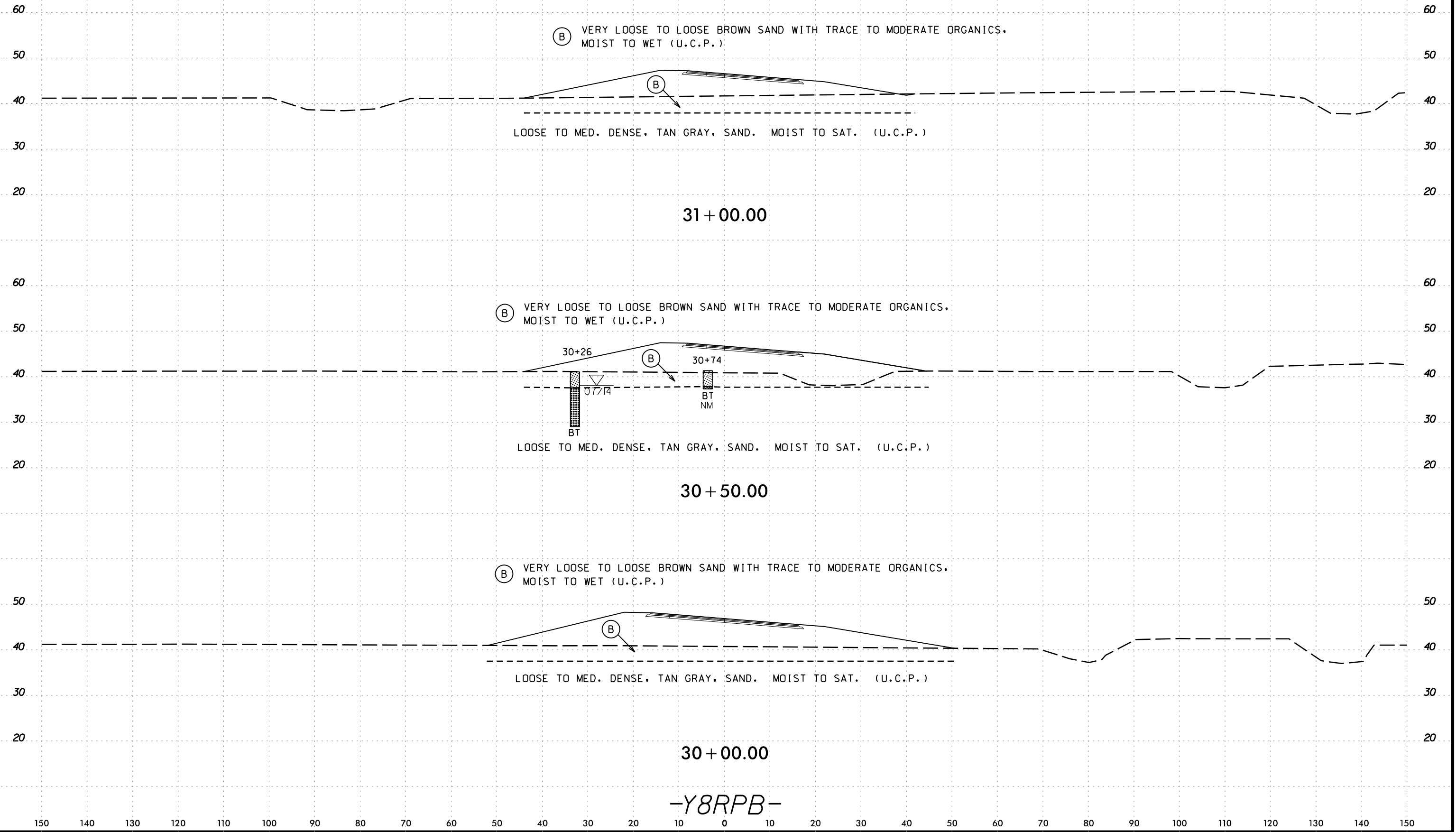


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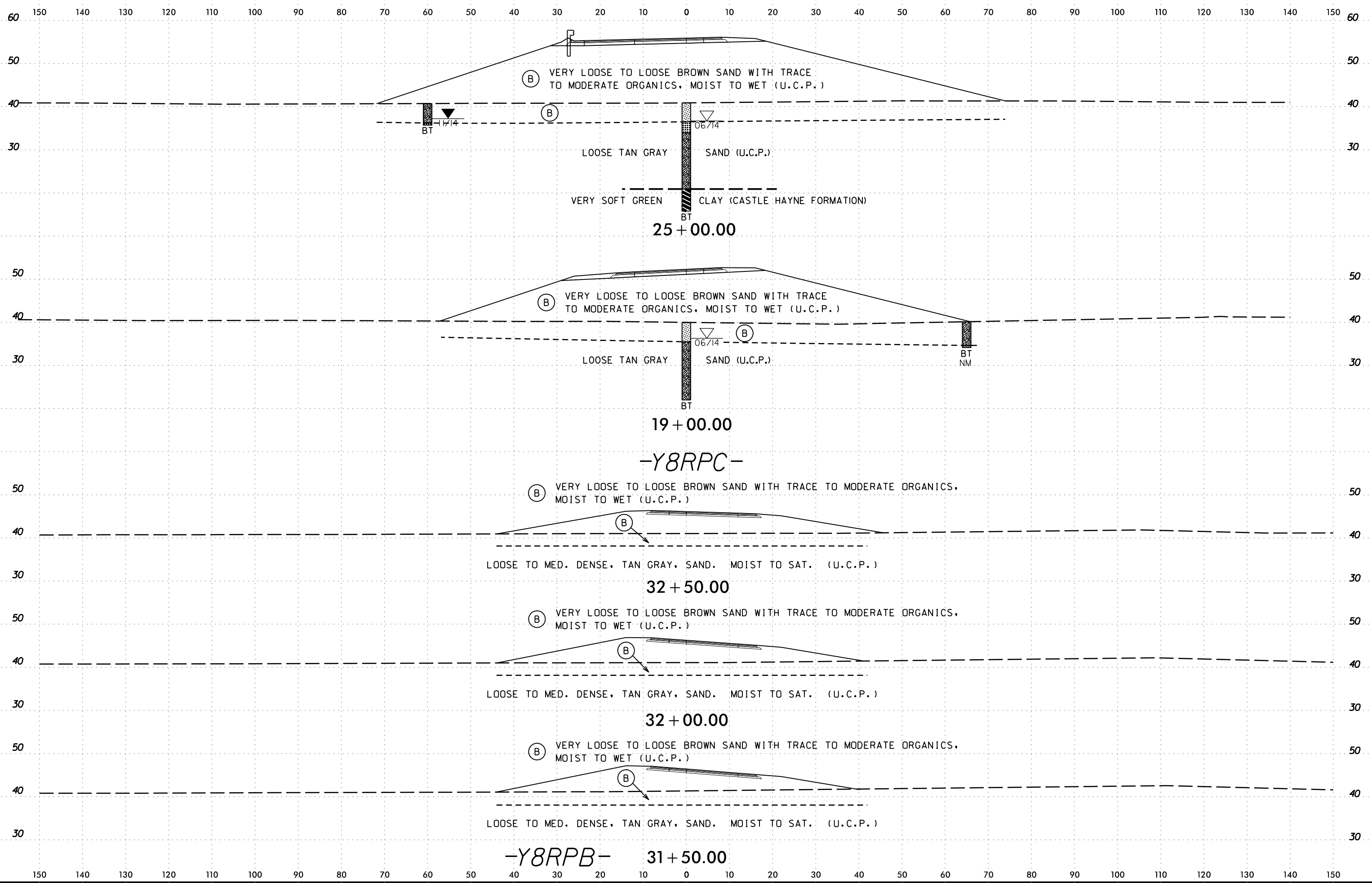
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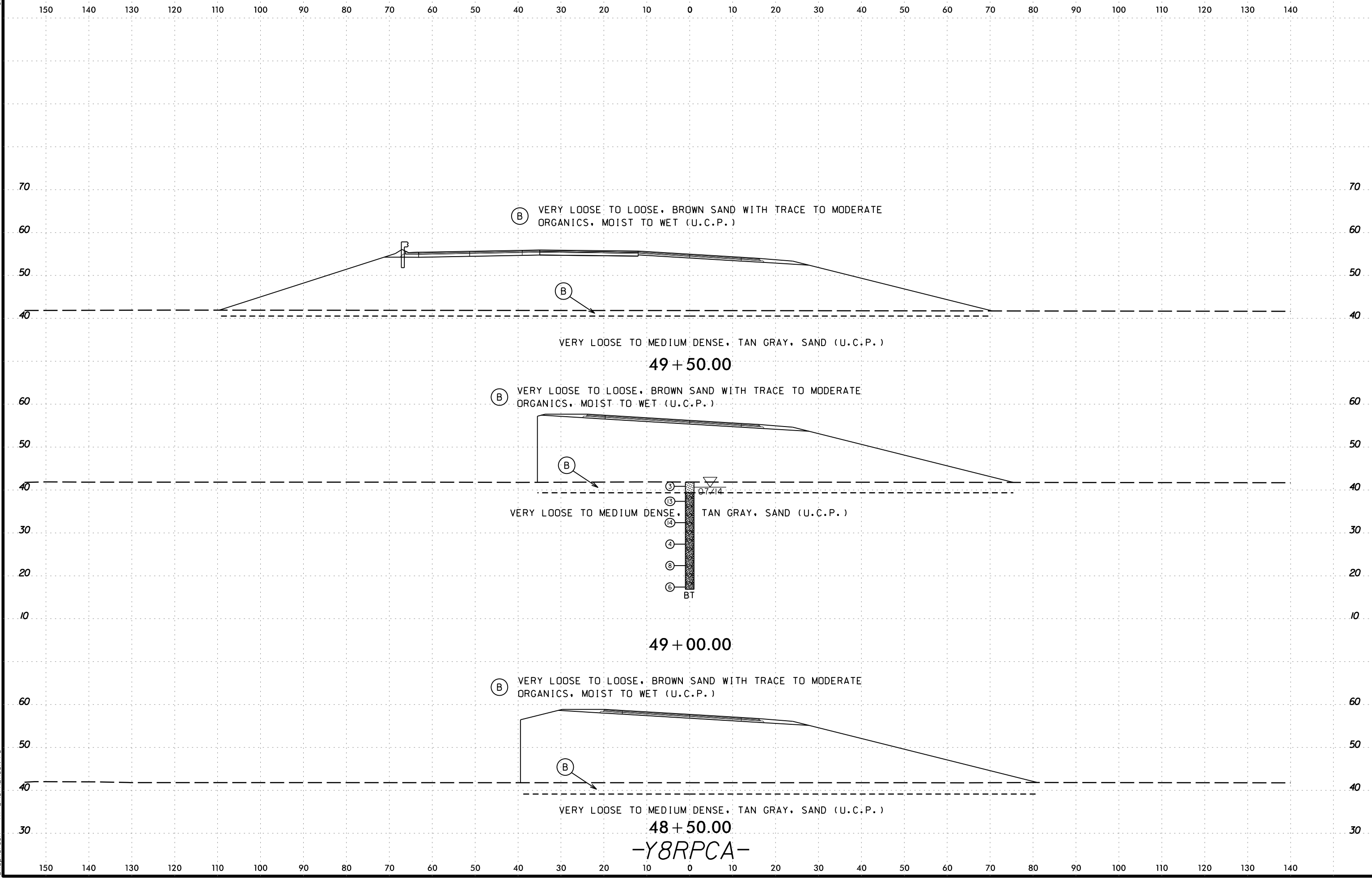
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(B) VERY LOOSE TO LOOSE, BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

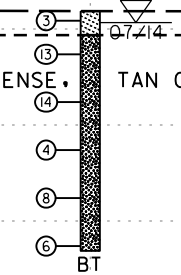
VERY LOOSE TO MEDIUM DENSE, TAN GRAY, SAND (U.C.P.)

49 + 50.00

(B) VERY LOOSE TO LOOSE, BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

VERY LOOSE TO MEDIUM DENSE, TAN GRAY, SAND (U.C.P.)



49 + 00.00

(B) VERY LOOSE TO LOOSE, BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

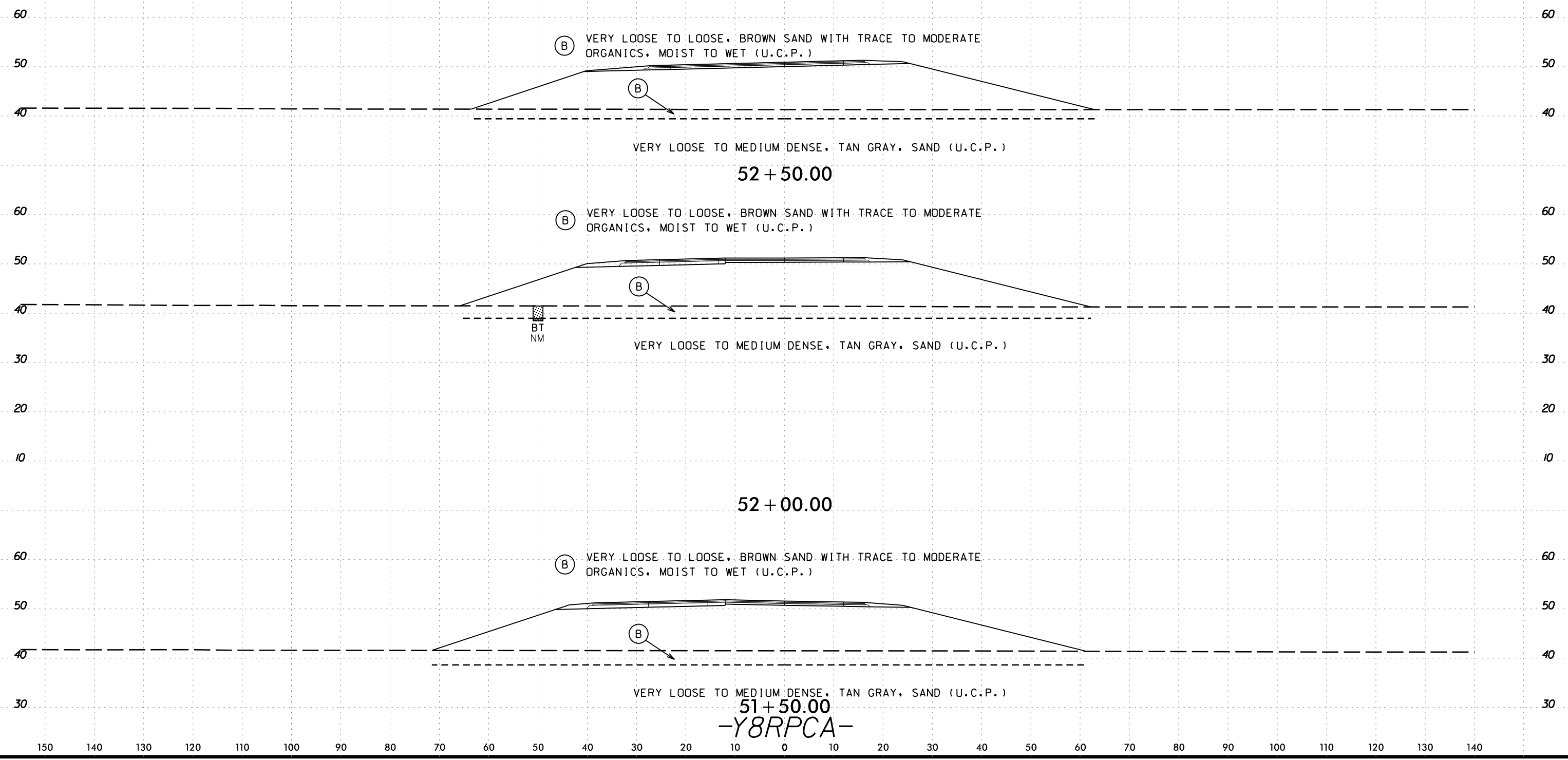
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48 + 50.00

-Y8RPCA-



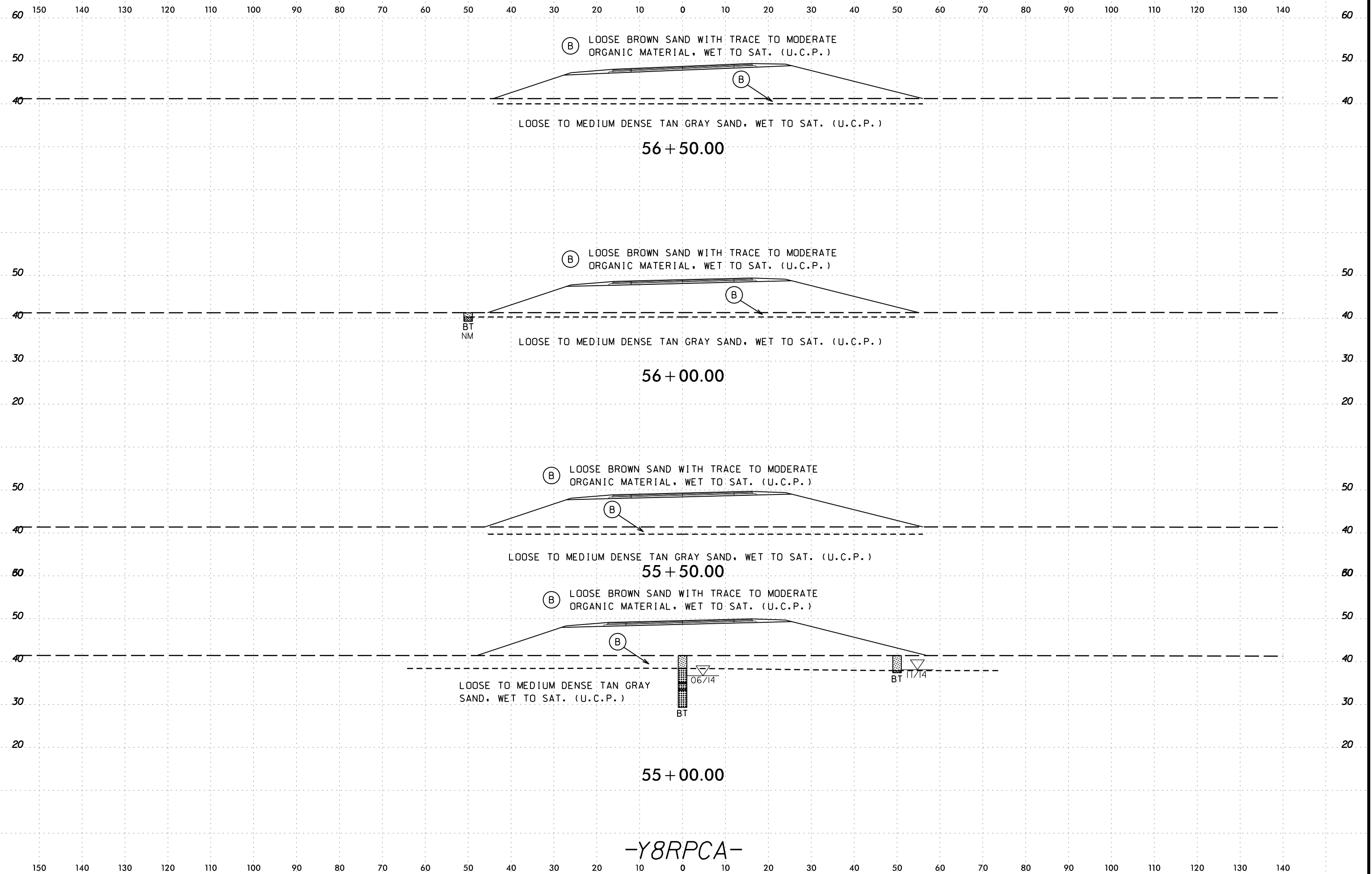
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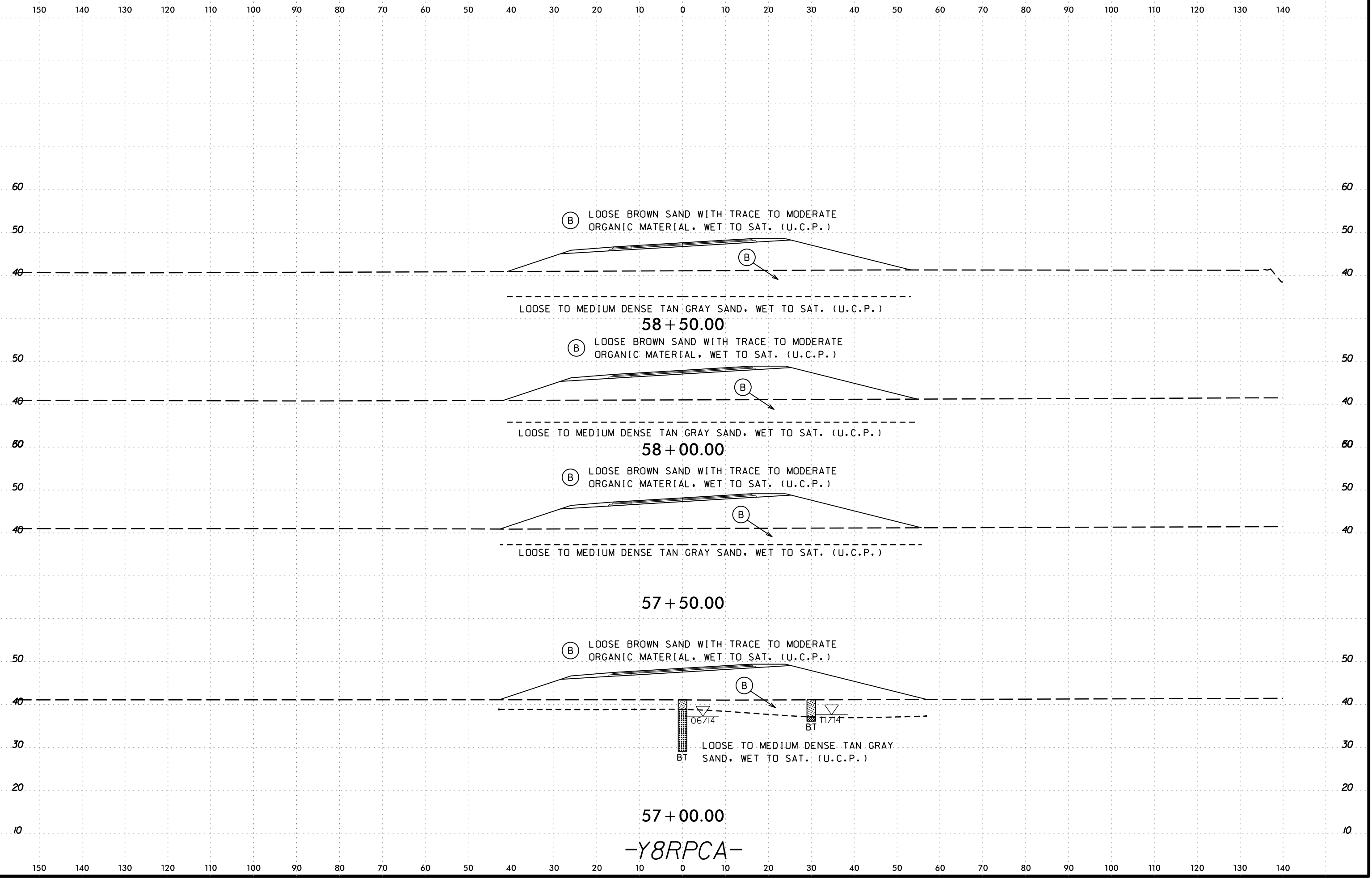


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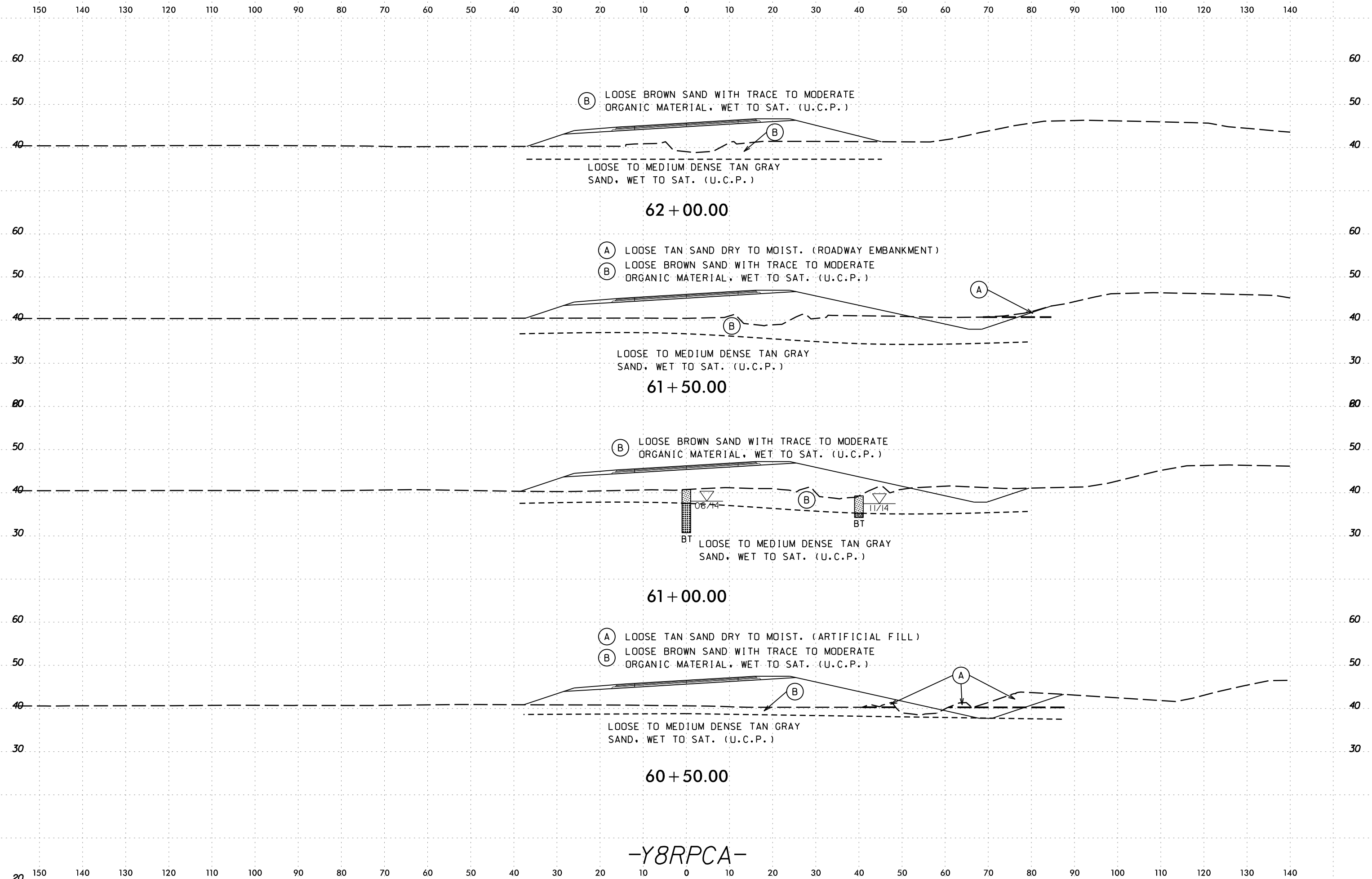
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- Military Cutoff Report\U4751.GEO.ROWY.DOT - Copy\CADD.GEOTECH\sec\XSI\U4751.GEO.XSI\_Y8RPCA.dgn





08-NOV-2016 09:43  
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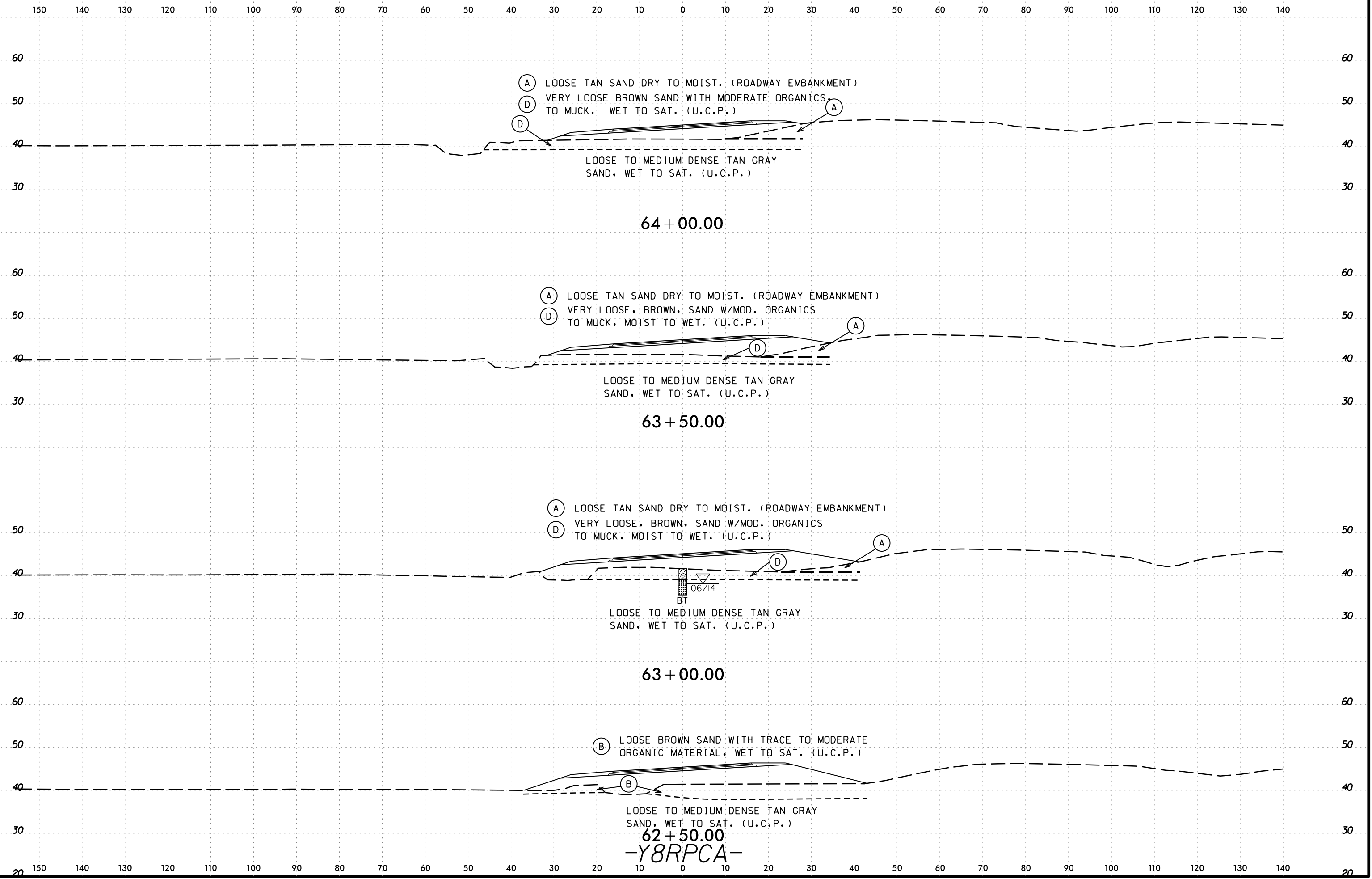


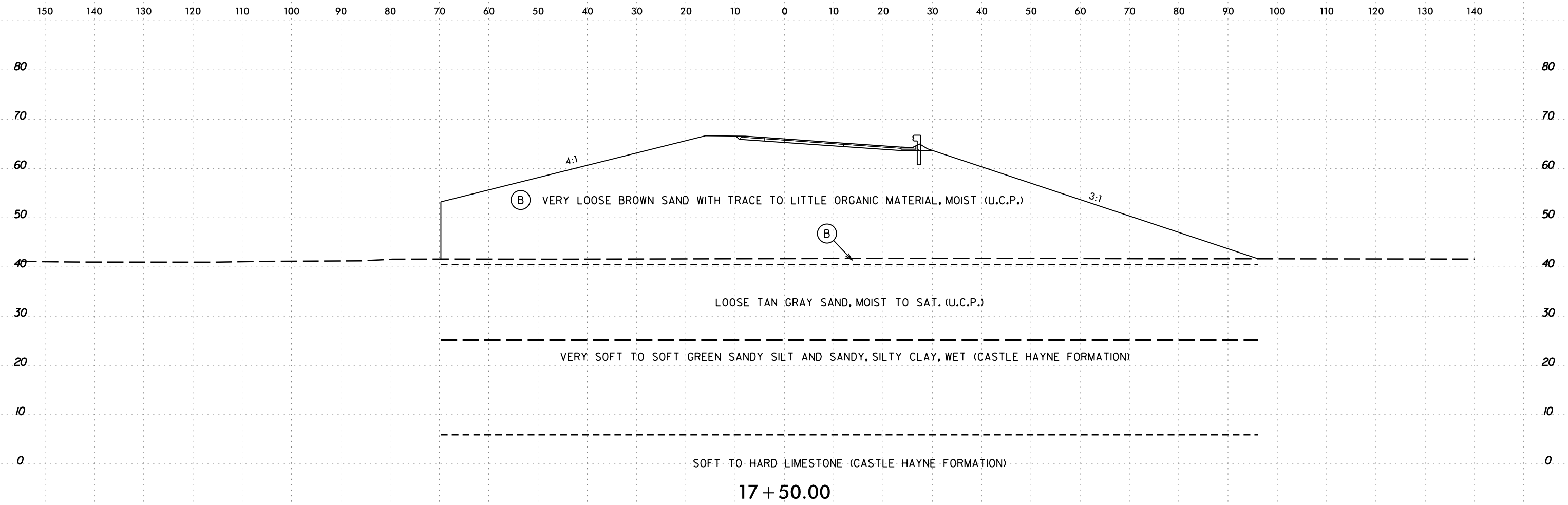
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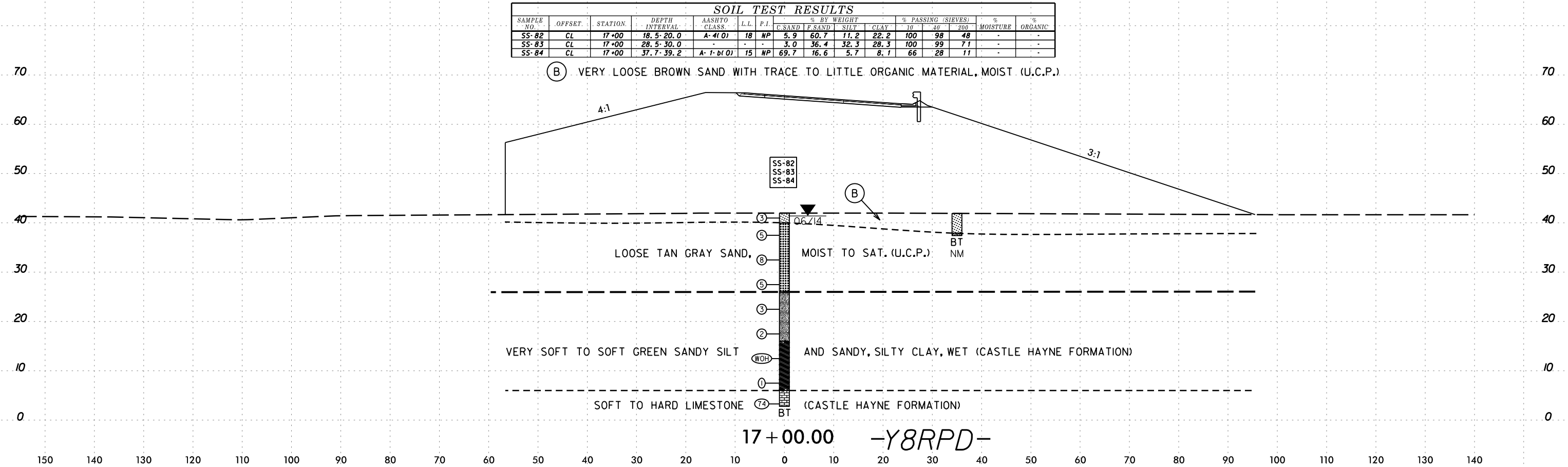


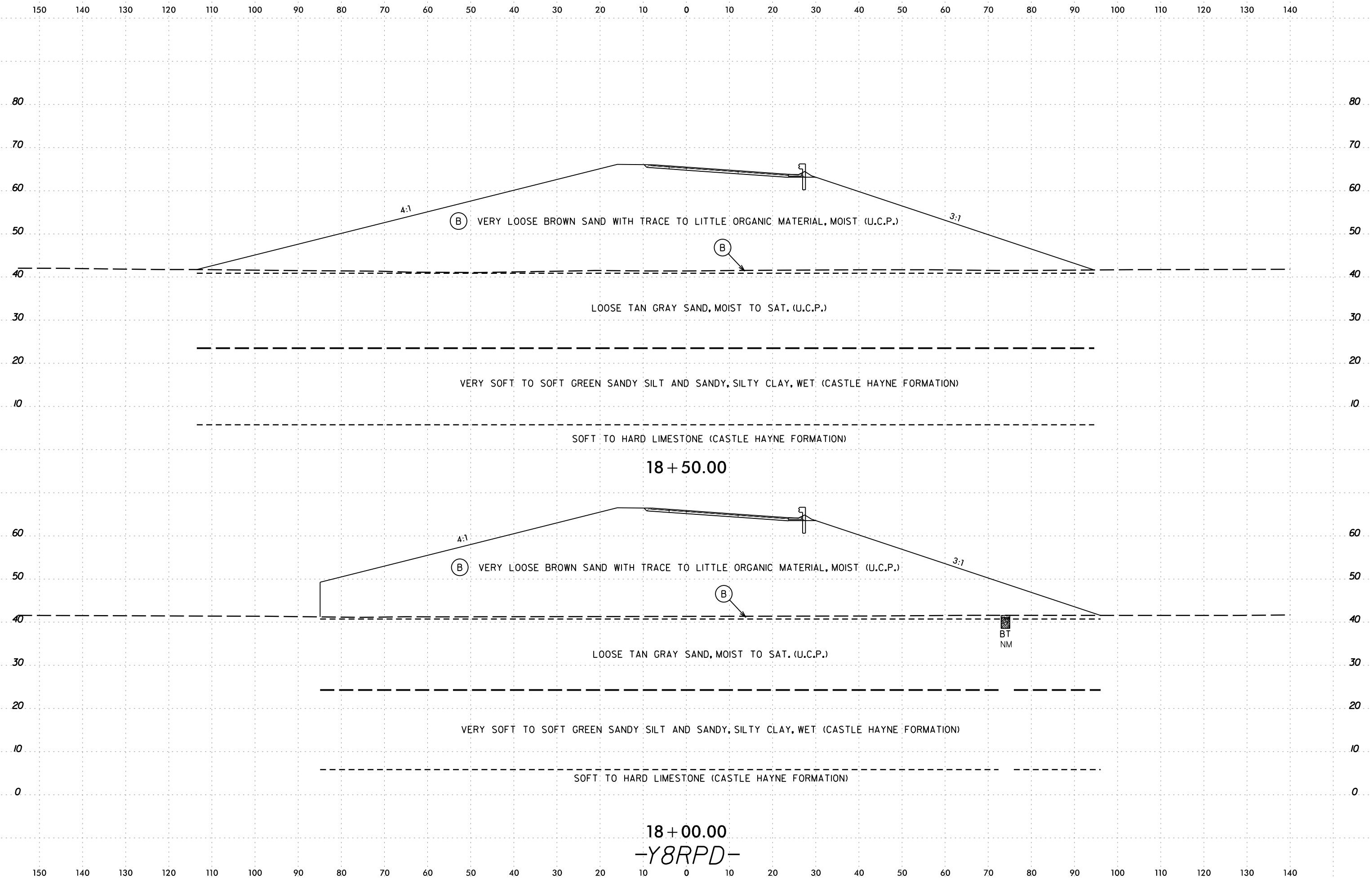
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
SS-82	CL	17+00	18.5-20.0	A-1(0)	18	NP	5.9	60.7	11.2	22.2	100	98	48	-	-
SS-83	CL	17+00	28.5-30.0	-	-	-	3.0	36.4	32.3	28.3	100	99	71	-	-
SS-84	CL	17+00	37.7-39.2	A-1-b(0)	15	NP	69.7	16.6	5.7	8.1	66	28	11	-	-

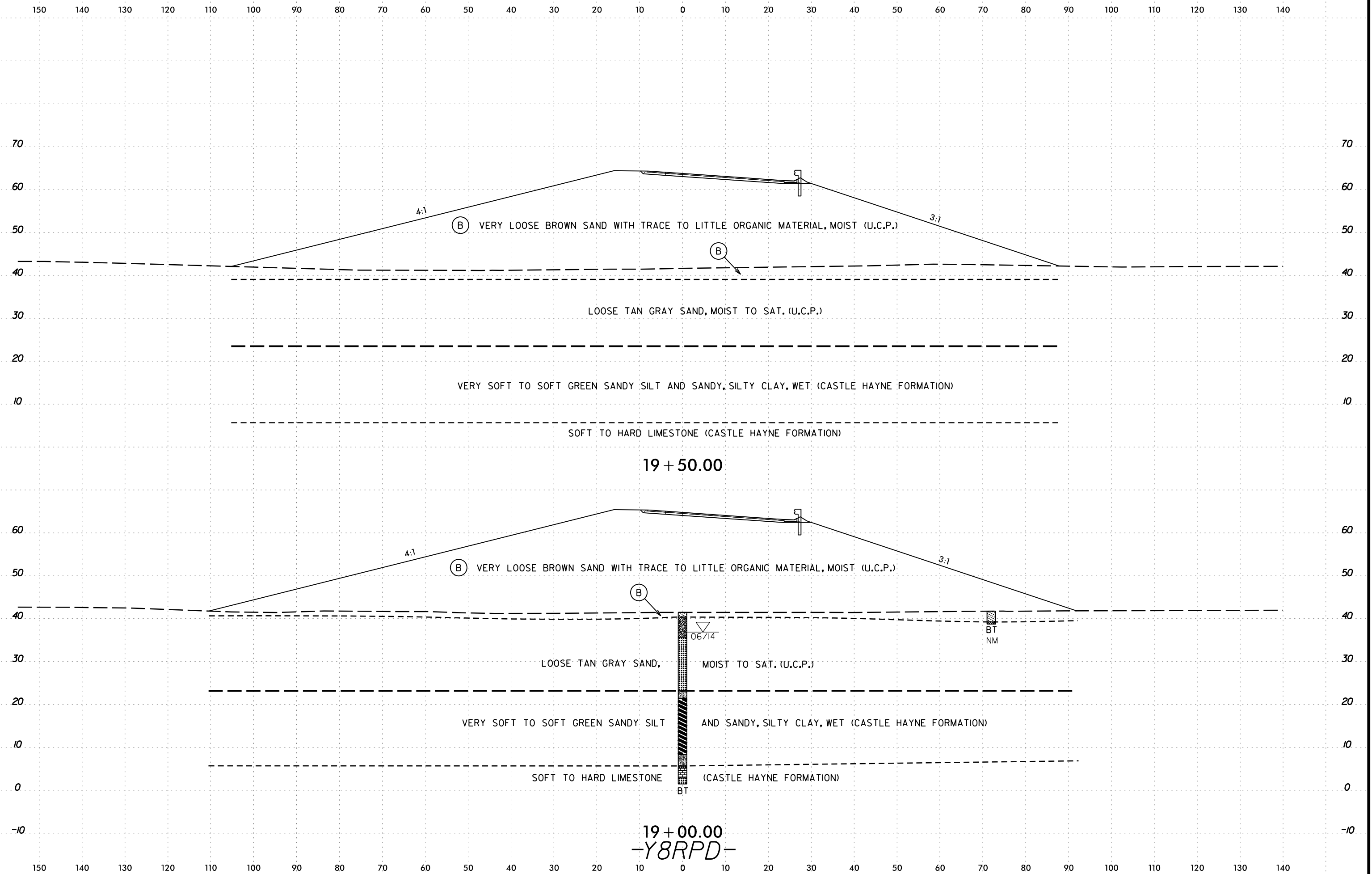




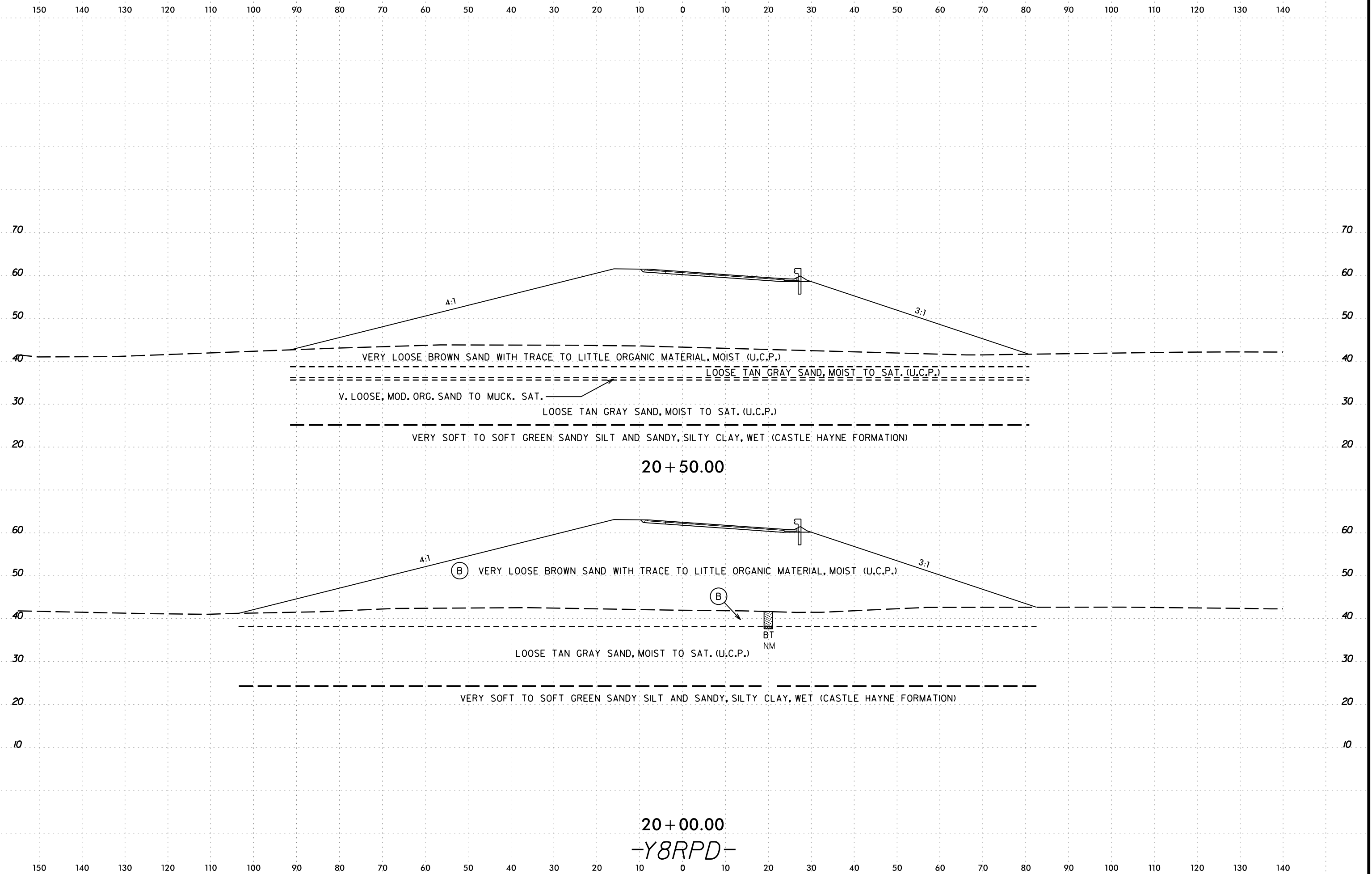
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Limestone AT MICROSTATIONPC2

**18 + 00.00**  
**-Y8RPD-**

6/23/16  
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Limestone AT MICROSTATION



6/23/16  
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STONE AT MICROSTATION



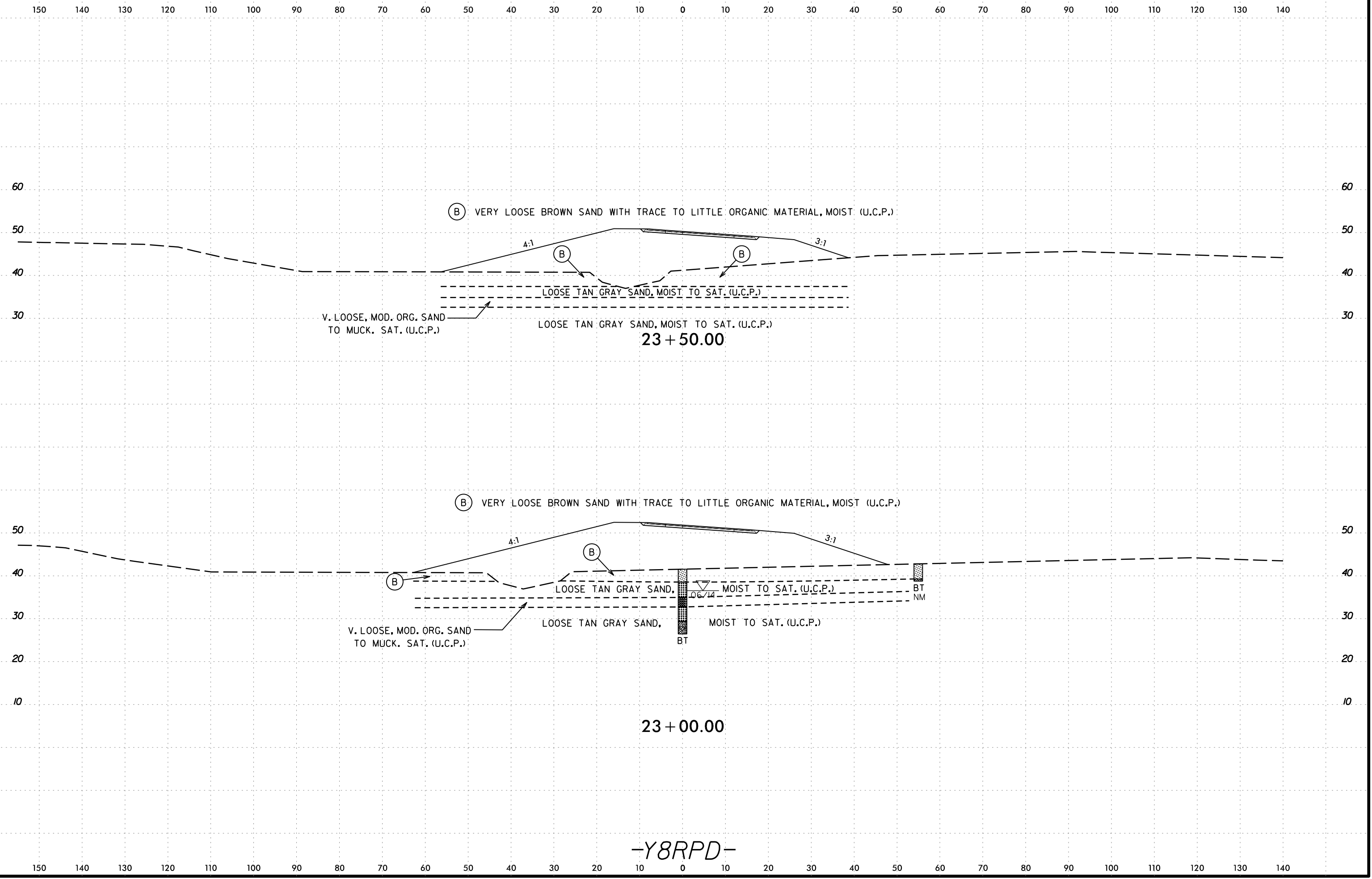
20 + 50.00  
-Y8RPD-

20 + 00.00  
-Y8RPD-





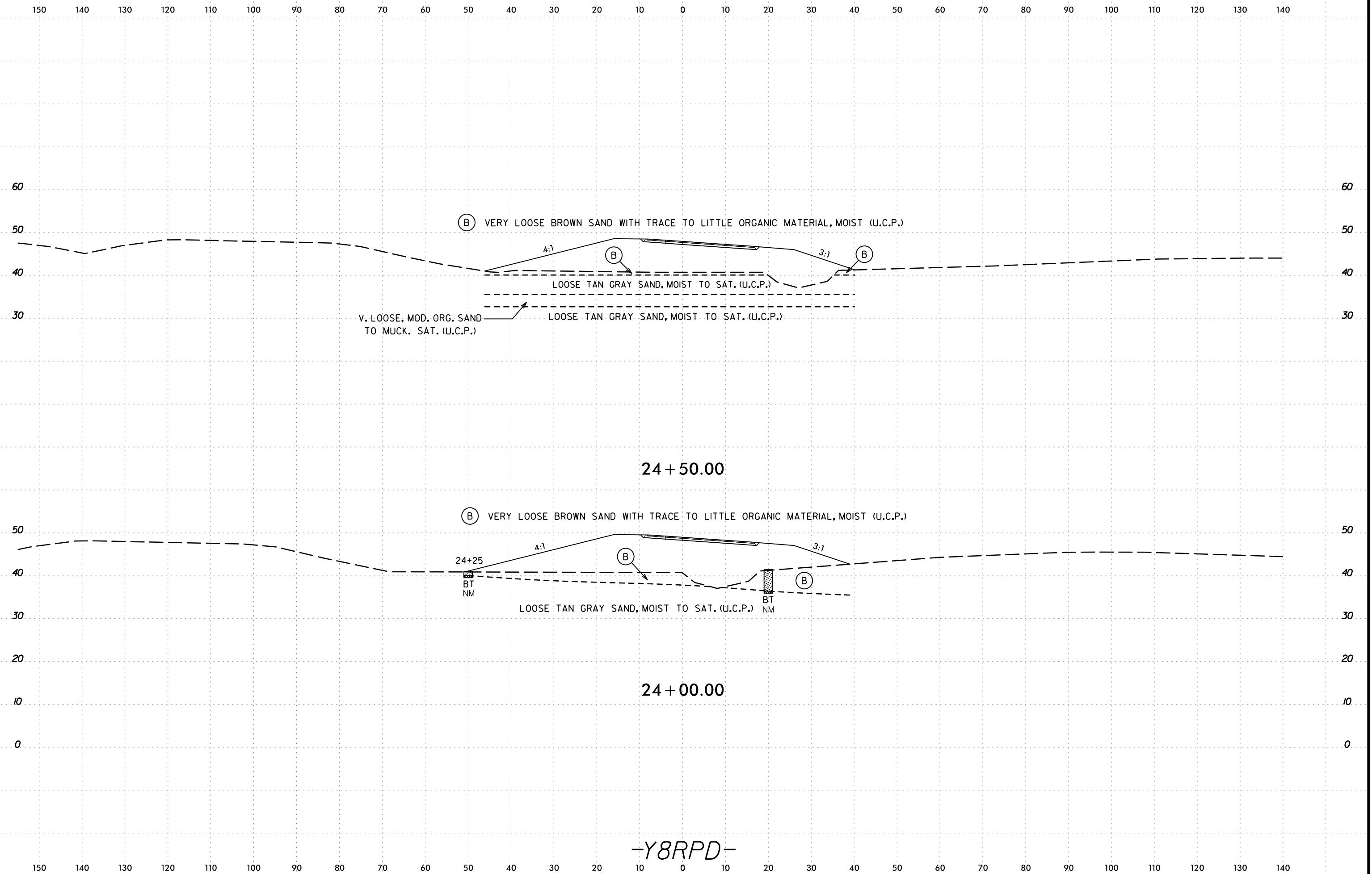
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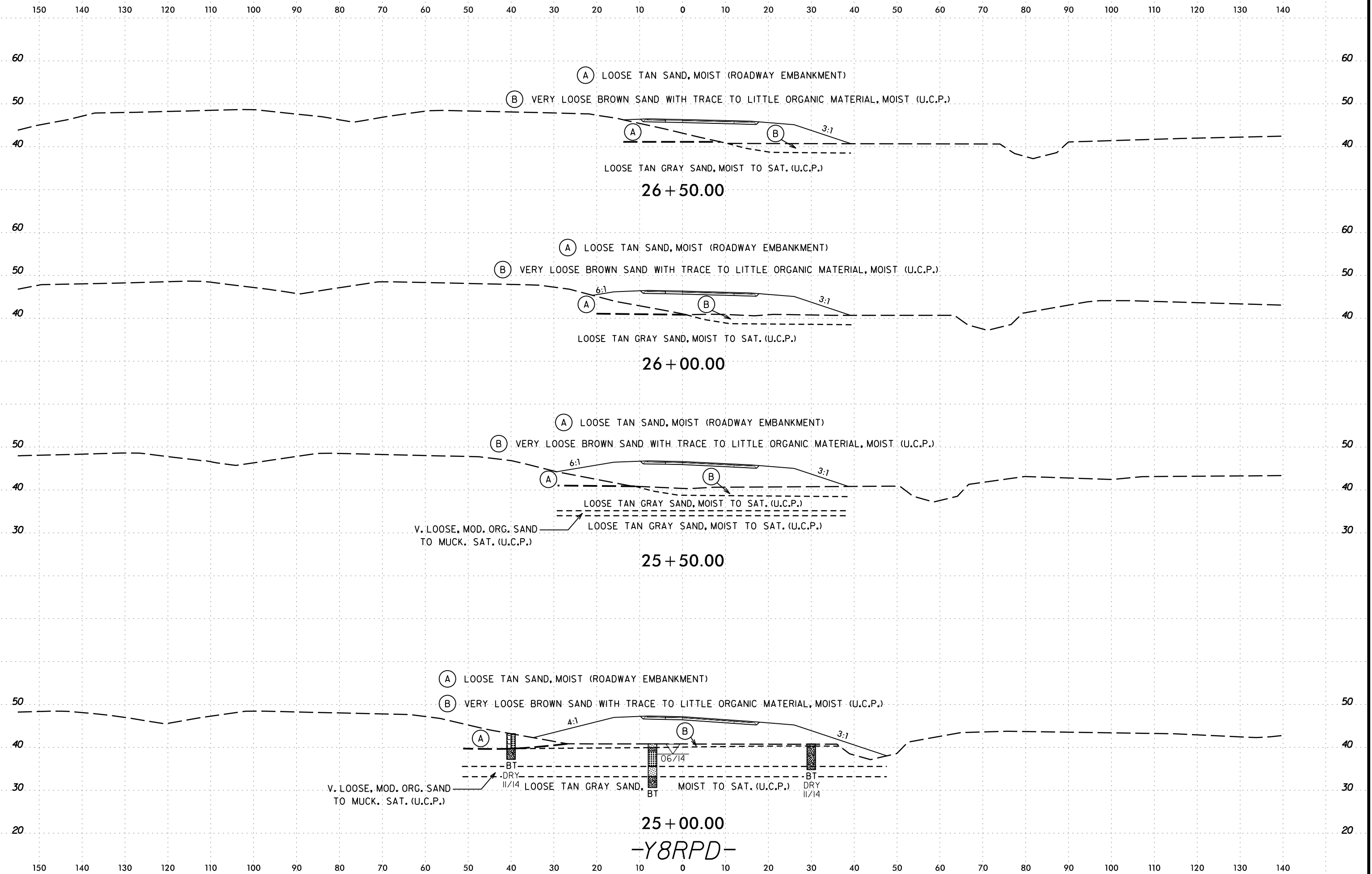
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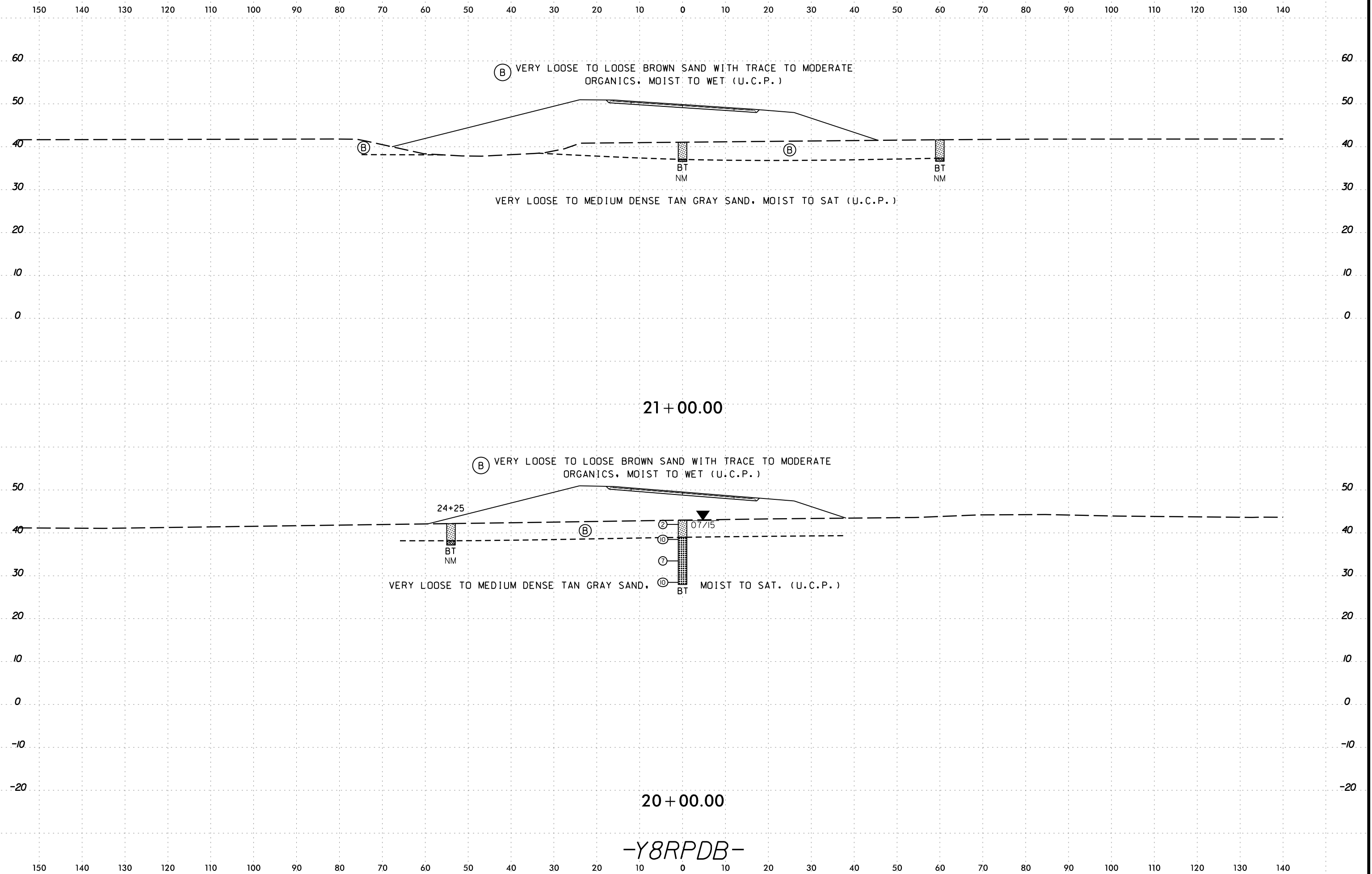
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STONE AT MICROSTATIONPC2



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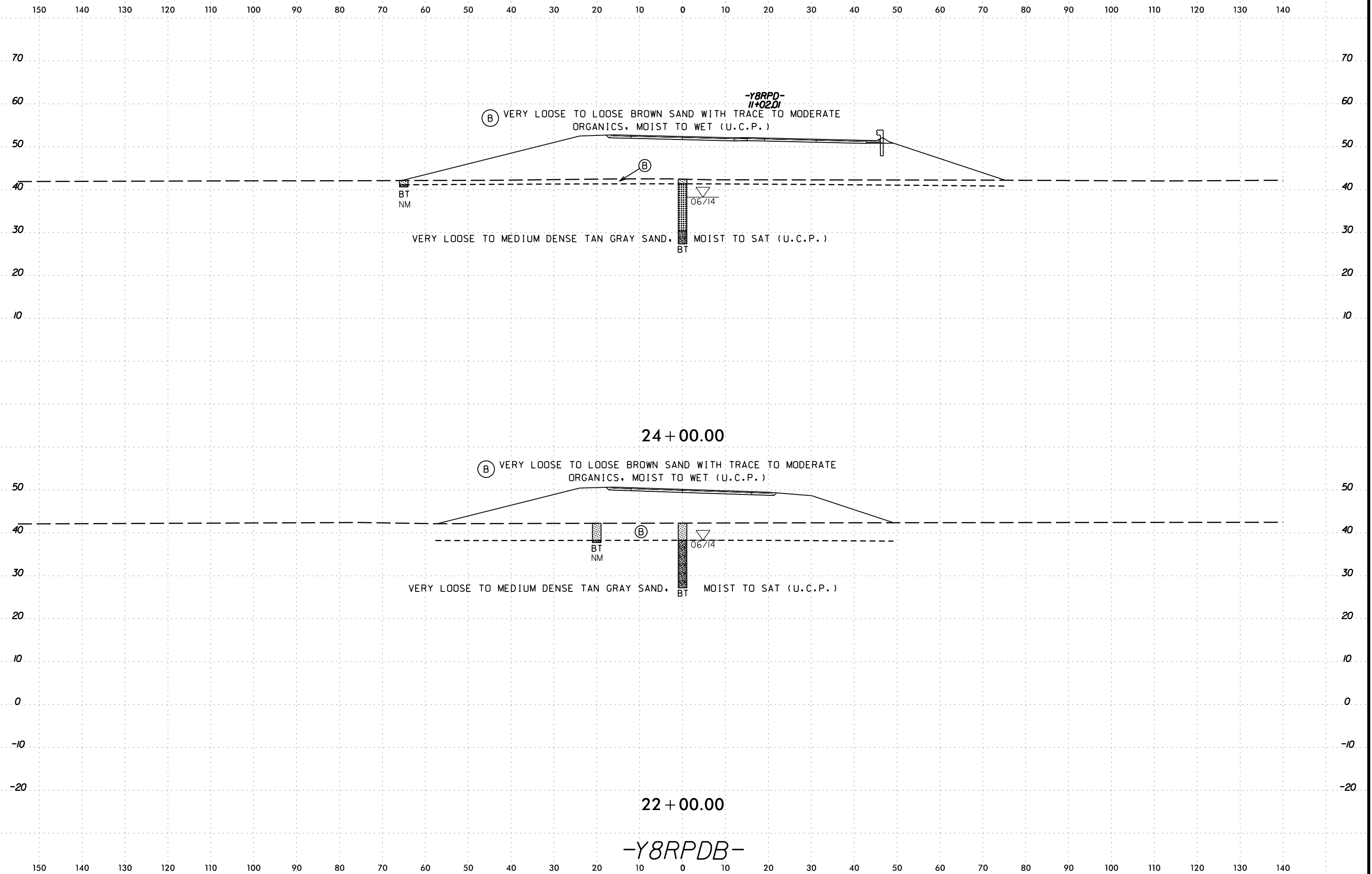


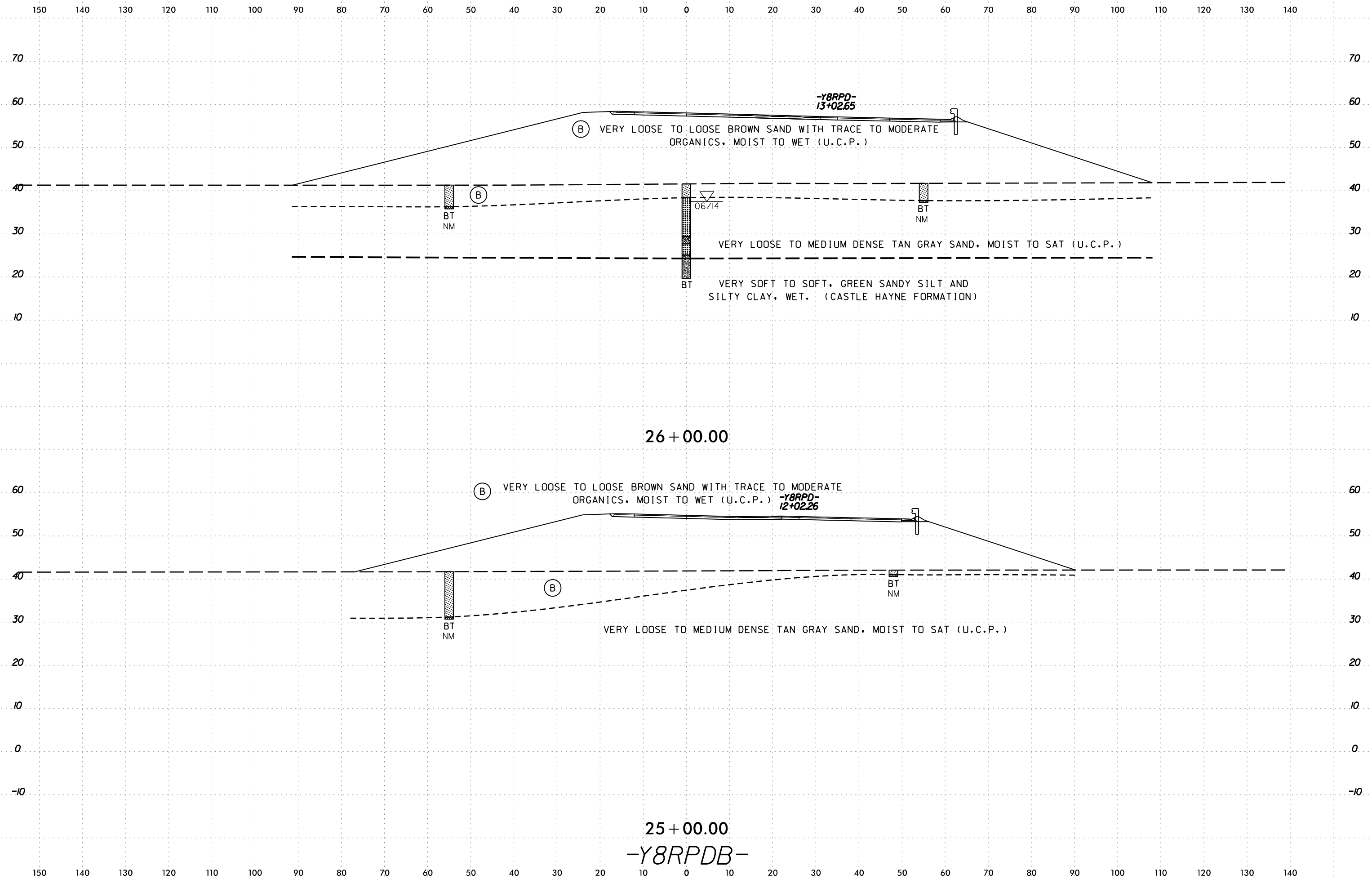
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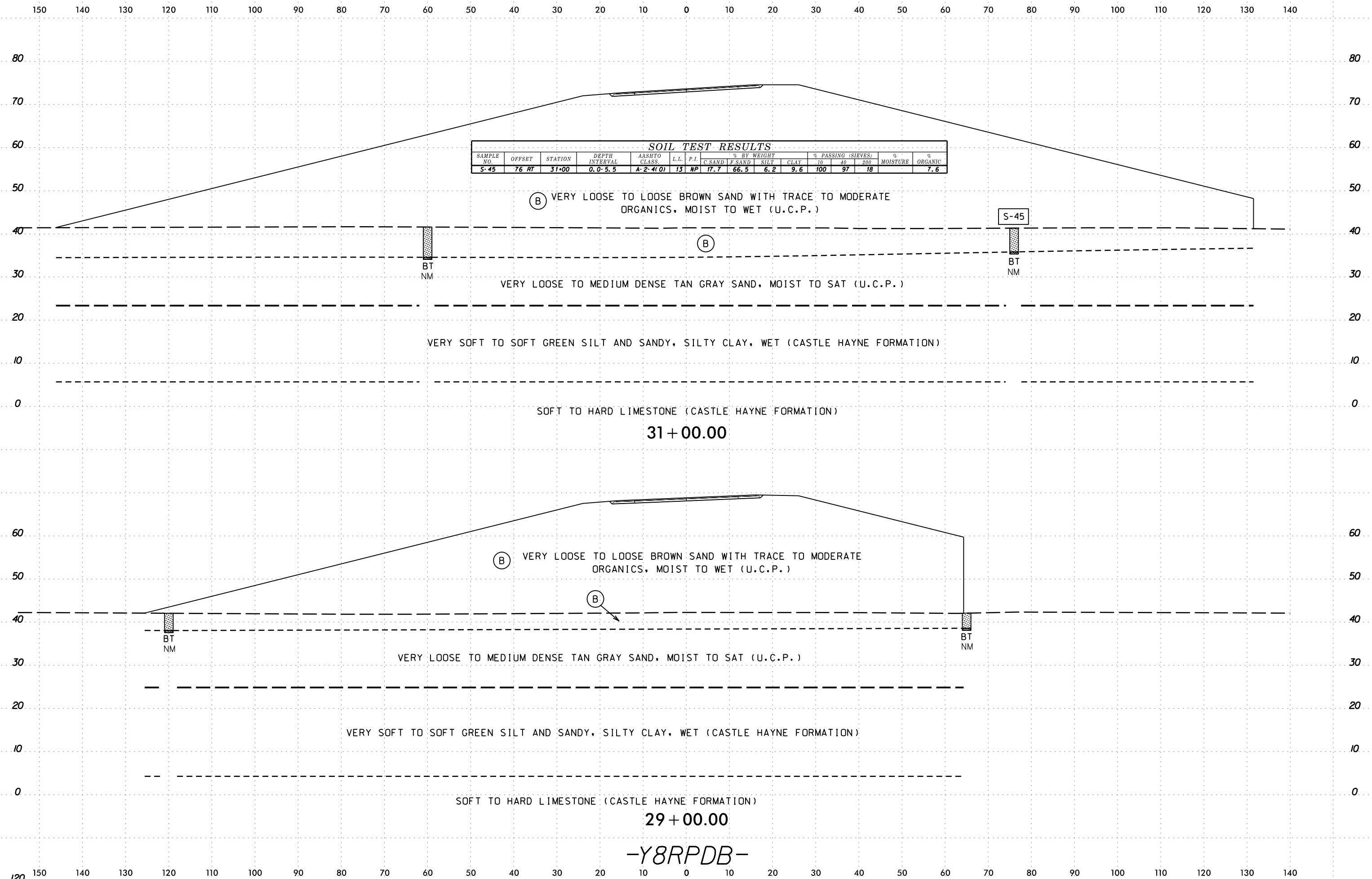
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6/23/16  
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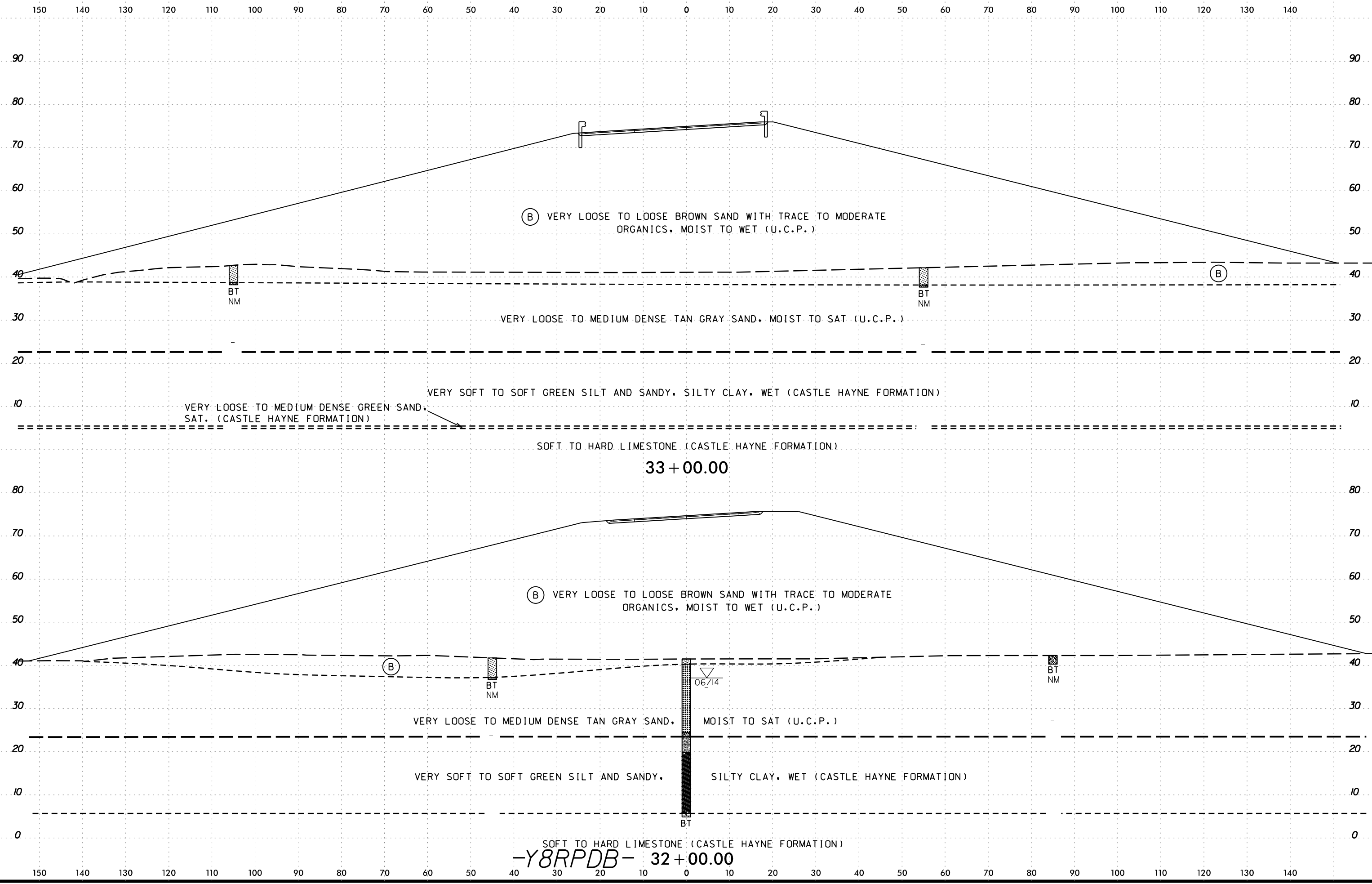






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 AT MICROSTATION

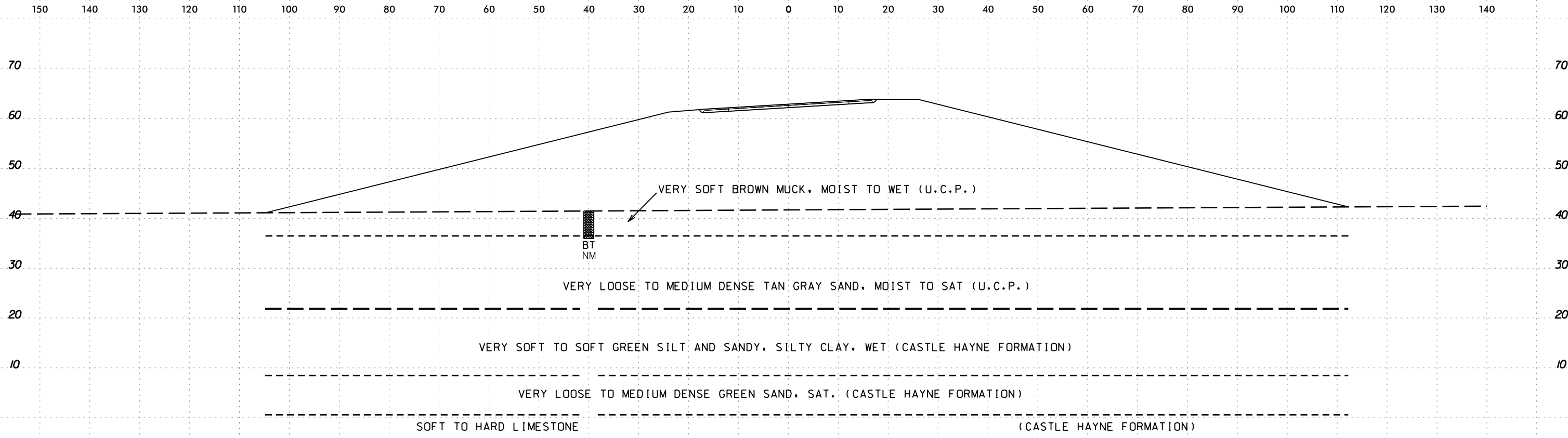
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STONE AT MICROSTATIONPC2



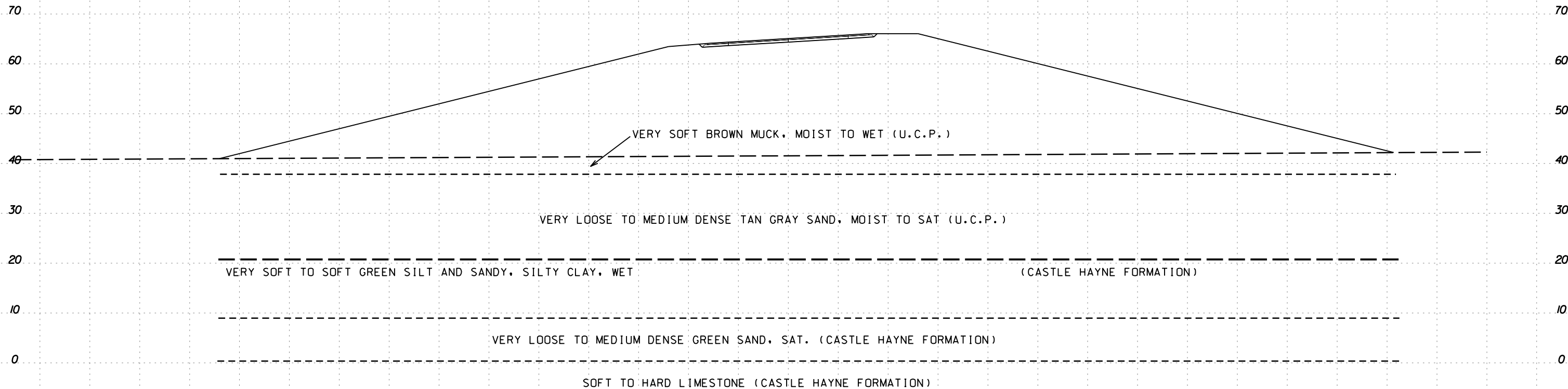
SOFT TO HARD LIMESTONE (CASTLE HAYNE FORMATION)  
-Y8RPDB- 32 + 00.00





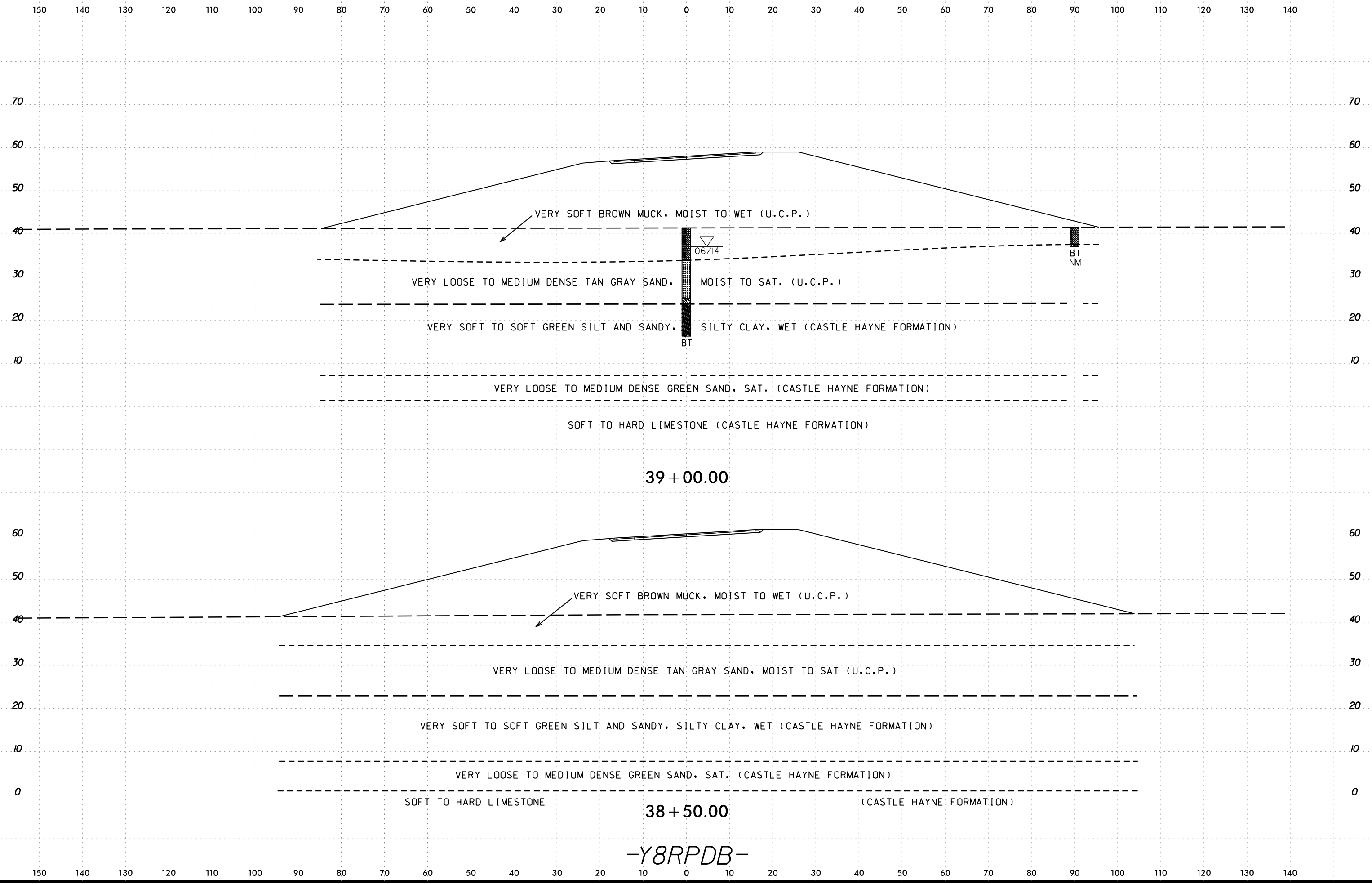


38 + 00.00

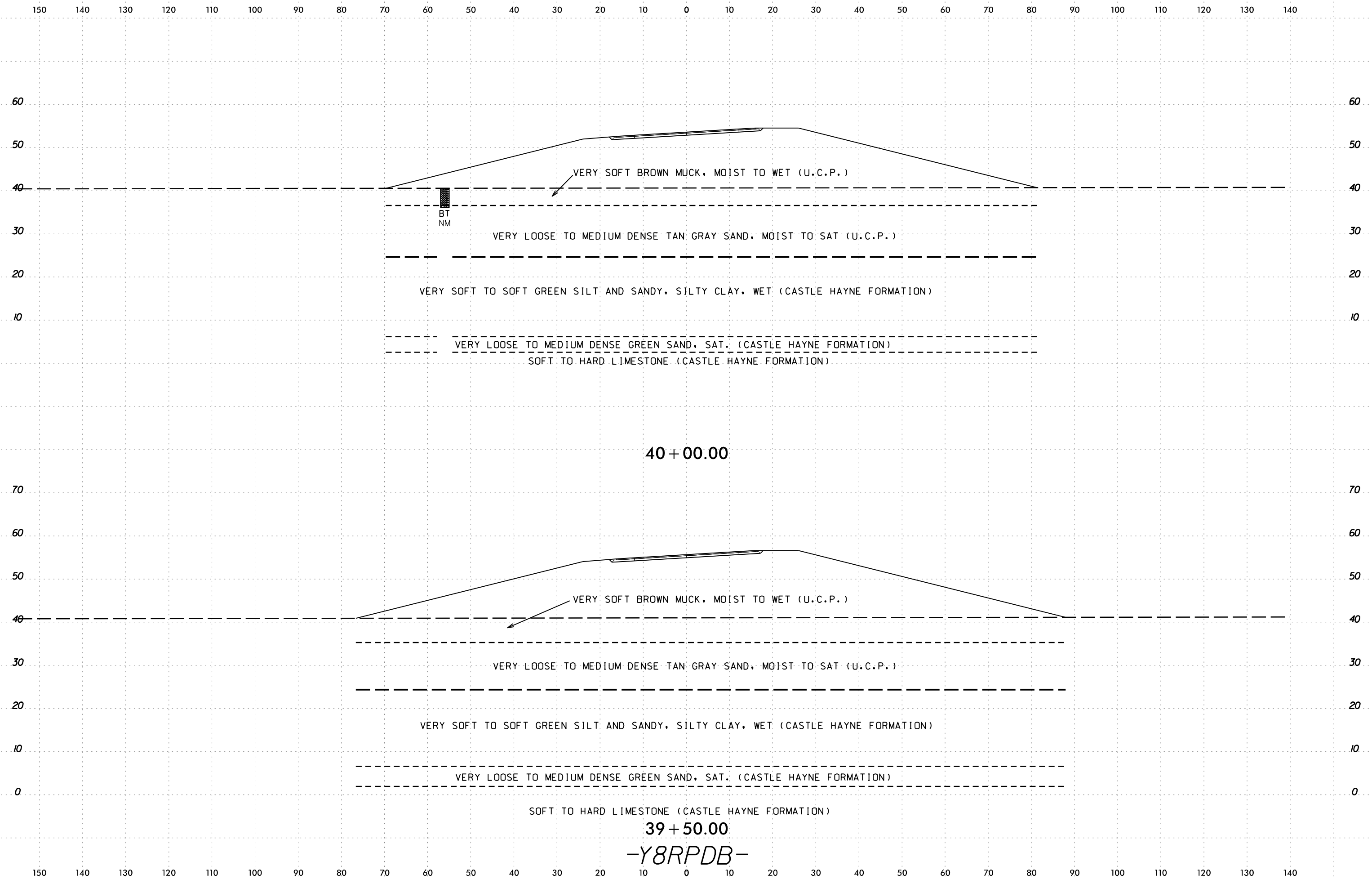


37 + 50.00

-Y8RPDB-



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 1106  
 AT MICROSTATIONPC2



39 + 50.00  
 -Y8RPDB-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

70 70

60 60

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
S-46	47 RT	41+00	0.0-5.0	A-2-4(0)	19	NP	12.4	64.9	12.4	10.4	99	96	27		11.9

50 50

40 40

30 30

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60 60

50 50

40 40

30 30

20 20

10 10

0 0

40 40

30 30

20 20

10 10

0 0

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

70 70

60 60

50 50

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20 20

10 10

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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70 70

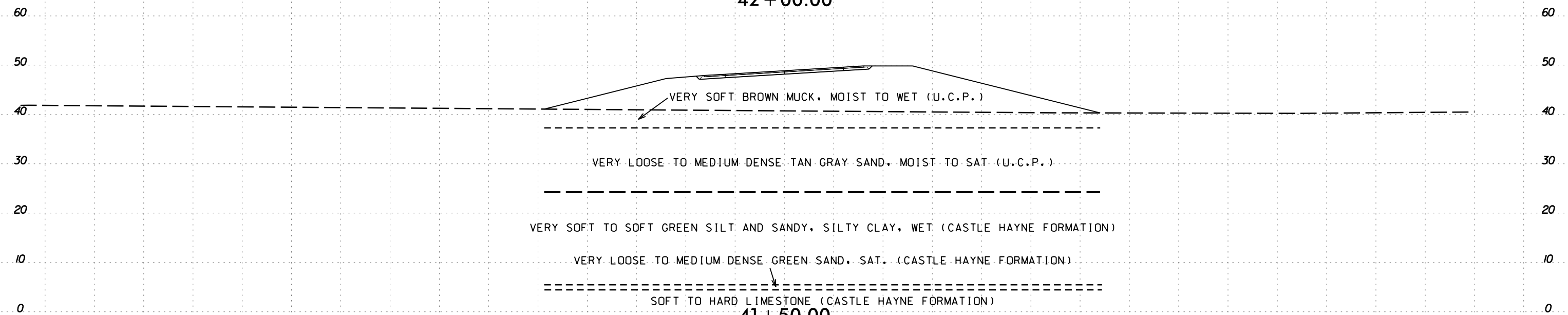
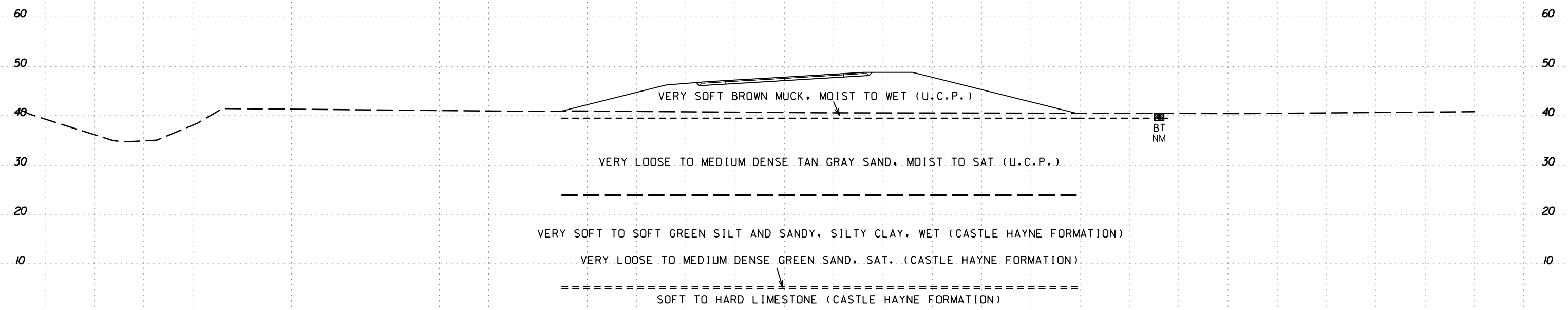
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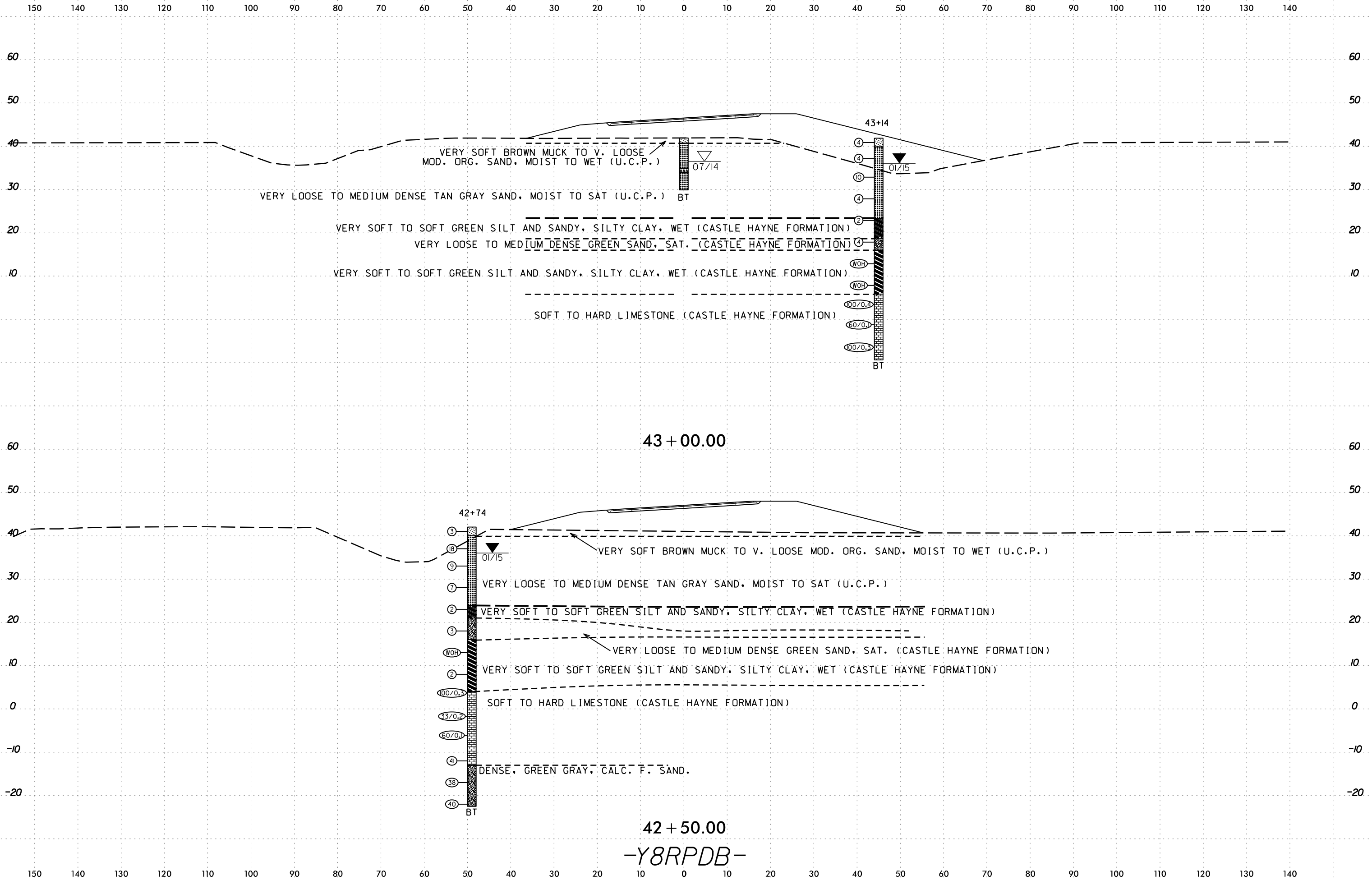
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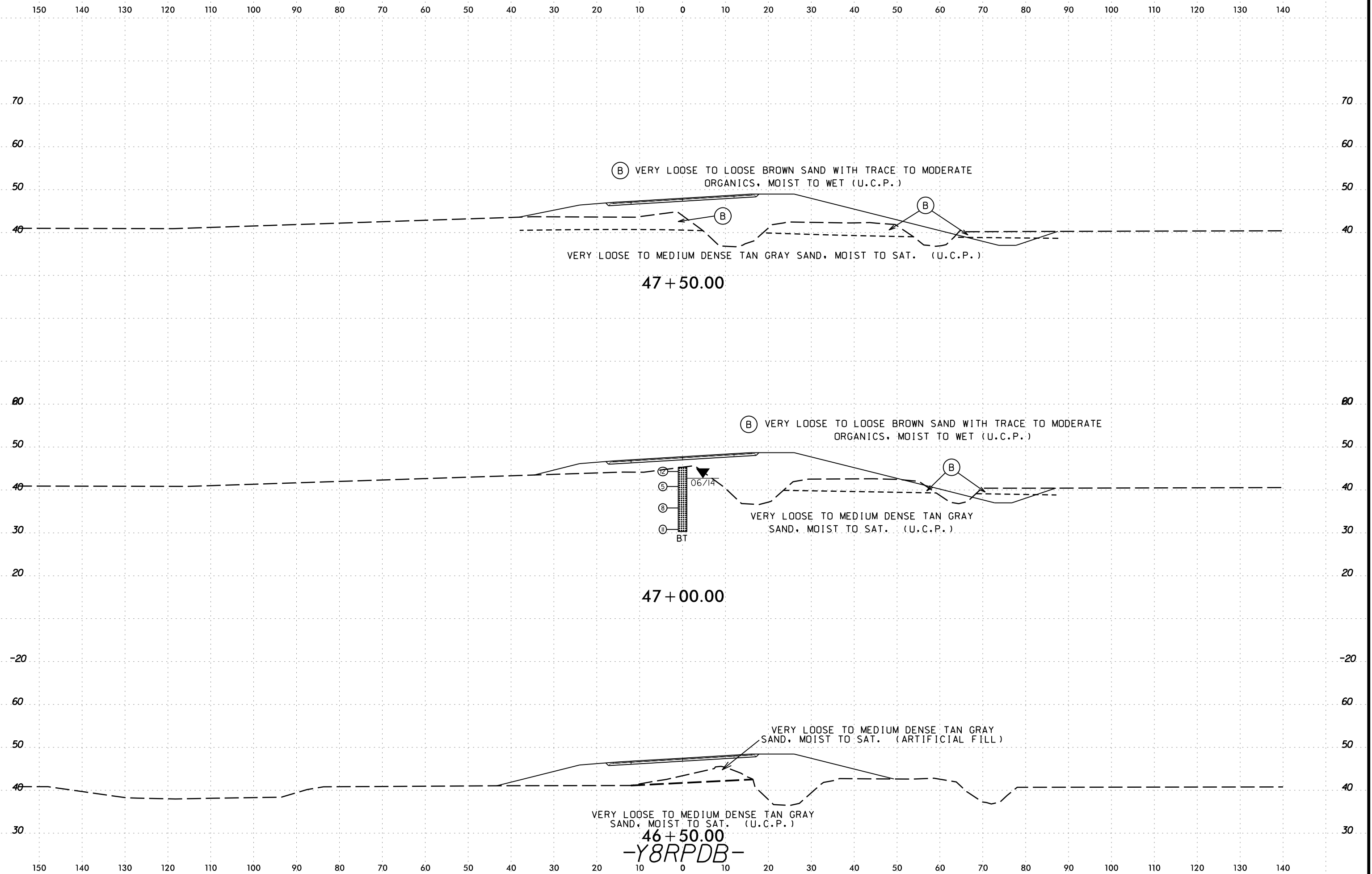
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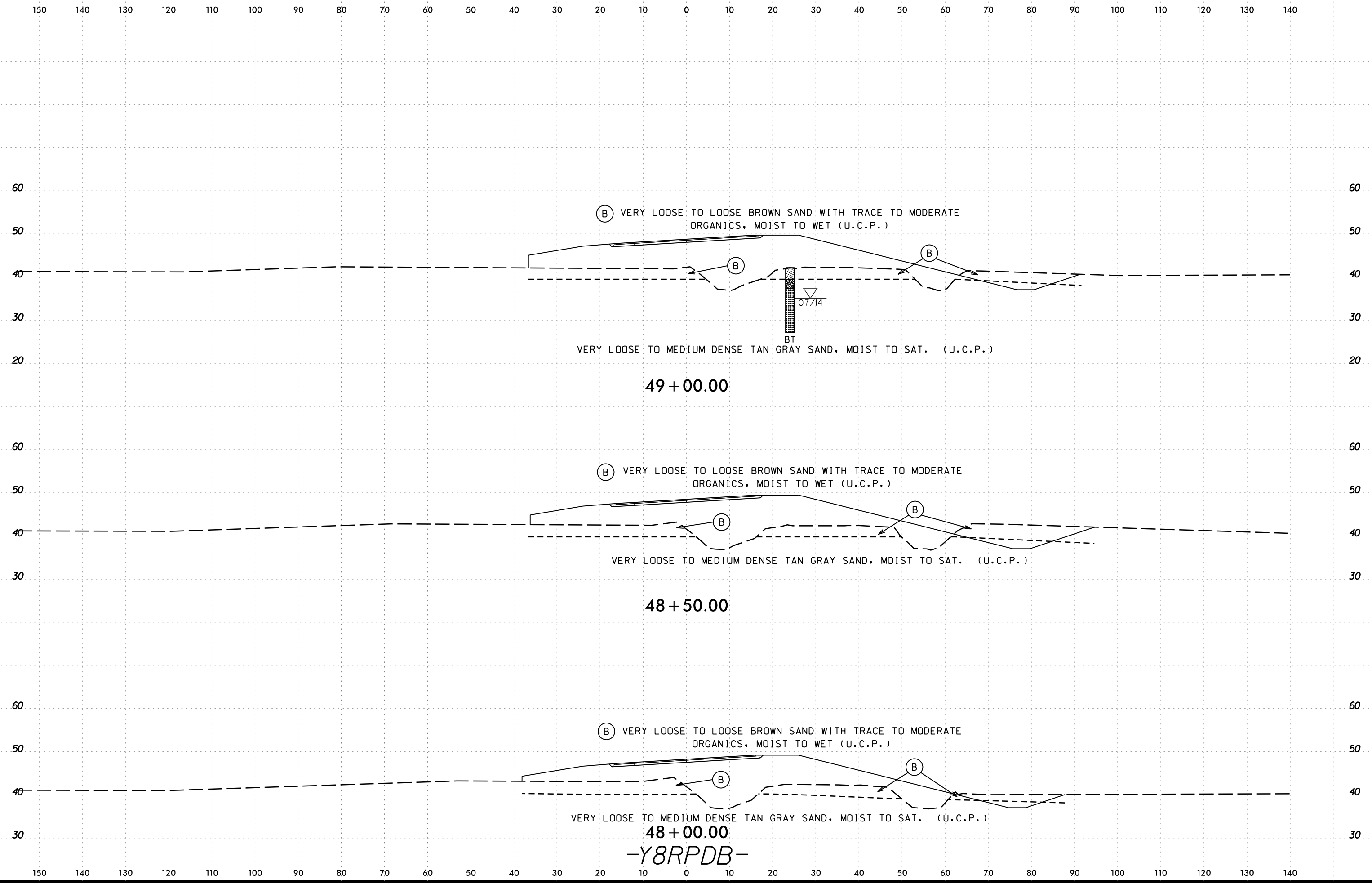
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 1:stone AT MICROSTATIONPC2

42 + 50.00  
 -Y8RPDB-

6/23/16  
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15stone AT MICROSTATIONPC2







(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

49 + 00.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

48 + 50.00

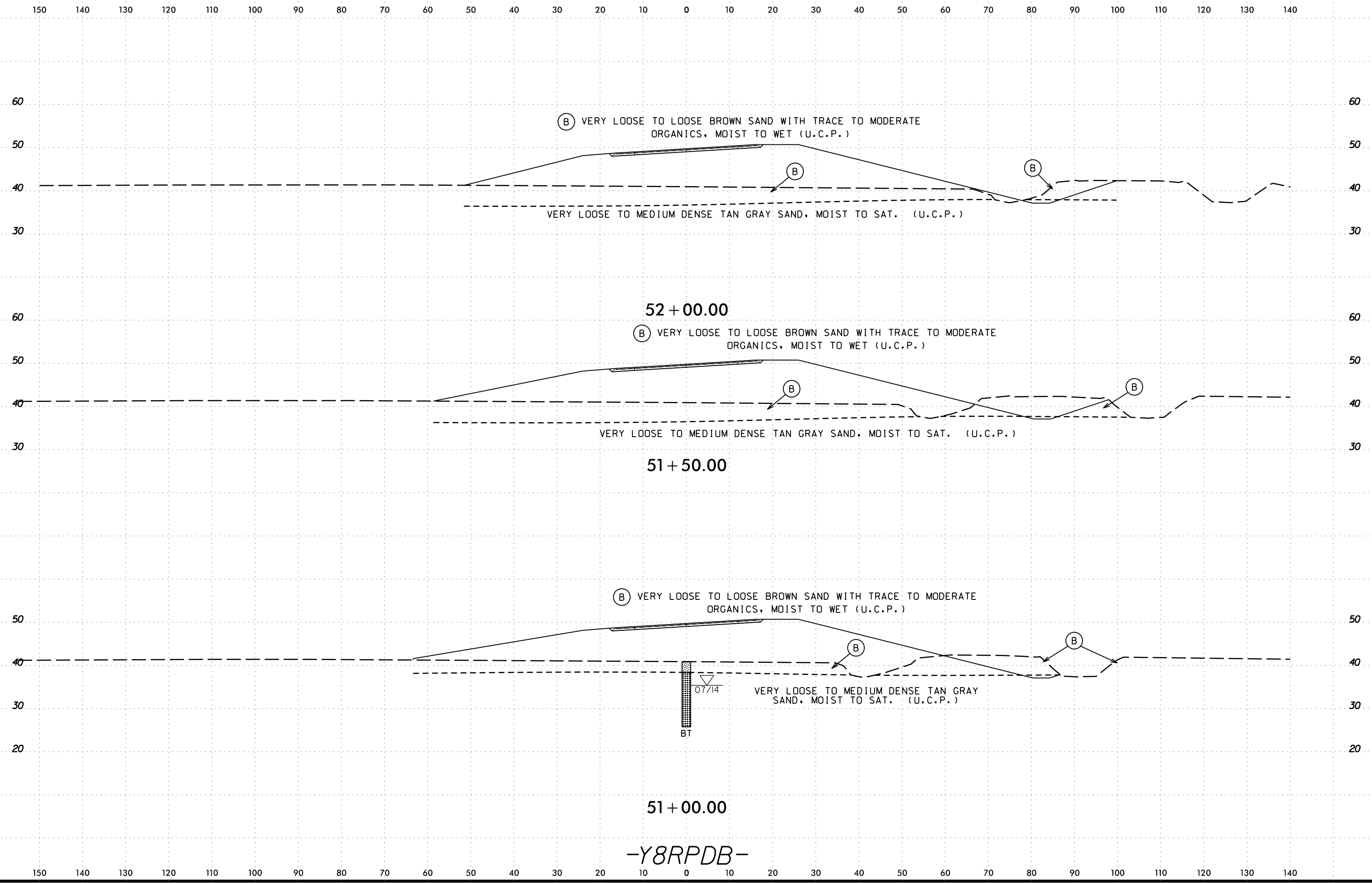
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

48 + 00.00

-Y8RPDB-





150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	-10	40	200		
S-7	30 LT	53+50	1.0-3.3	A-2-4(0)	13	NP	27.0	47.8	10.8	14.4	100	95	29	-	-

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

S-7

BT  
NM

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

53 + 50.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

BT

0.7714

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

53 + 00.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

BT

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

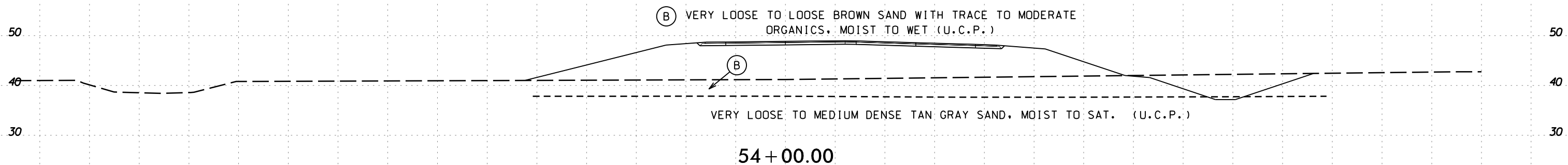
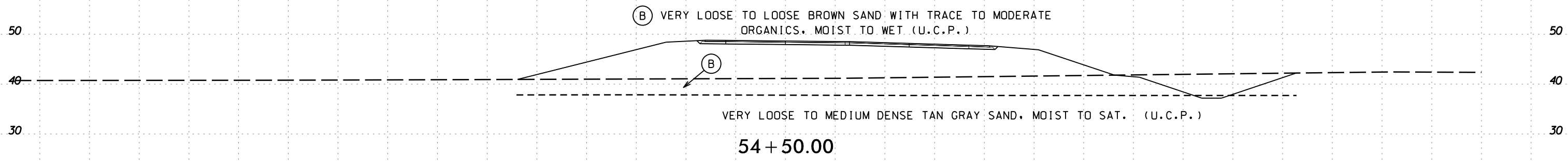
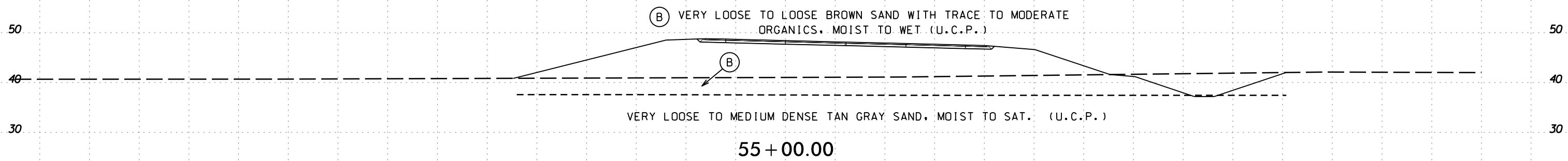
52 + 50.00

-Y8RPDB-

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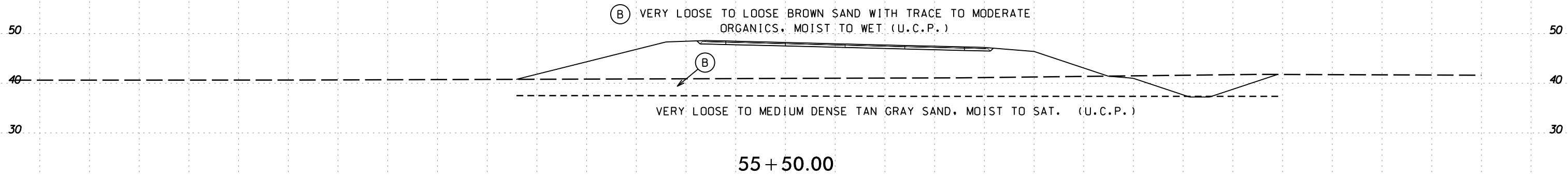
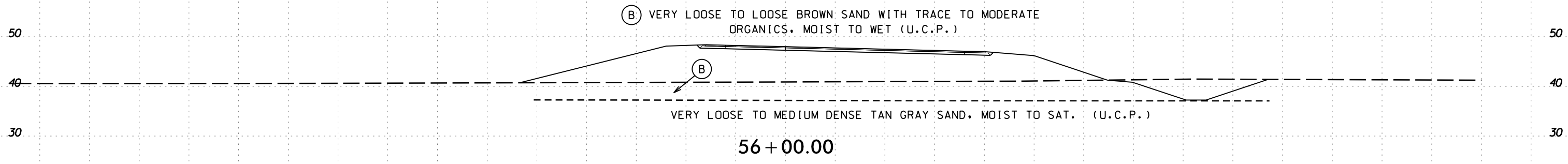
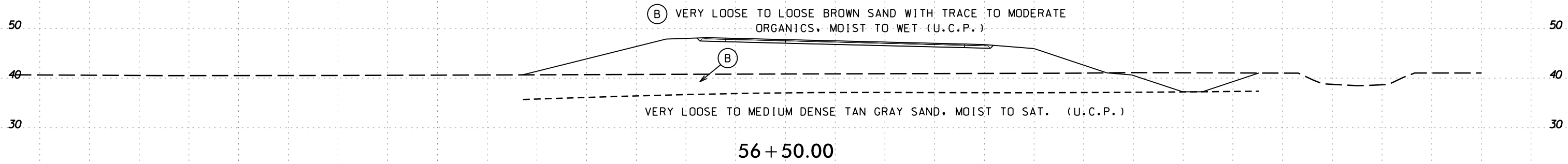


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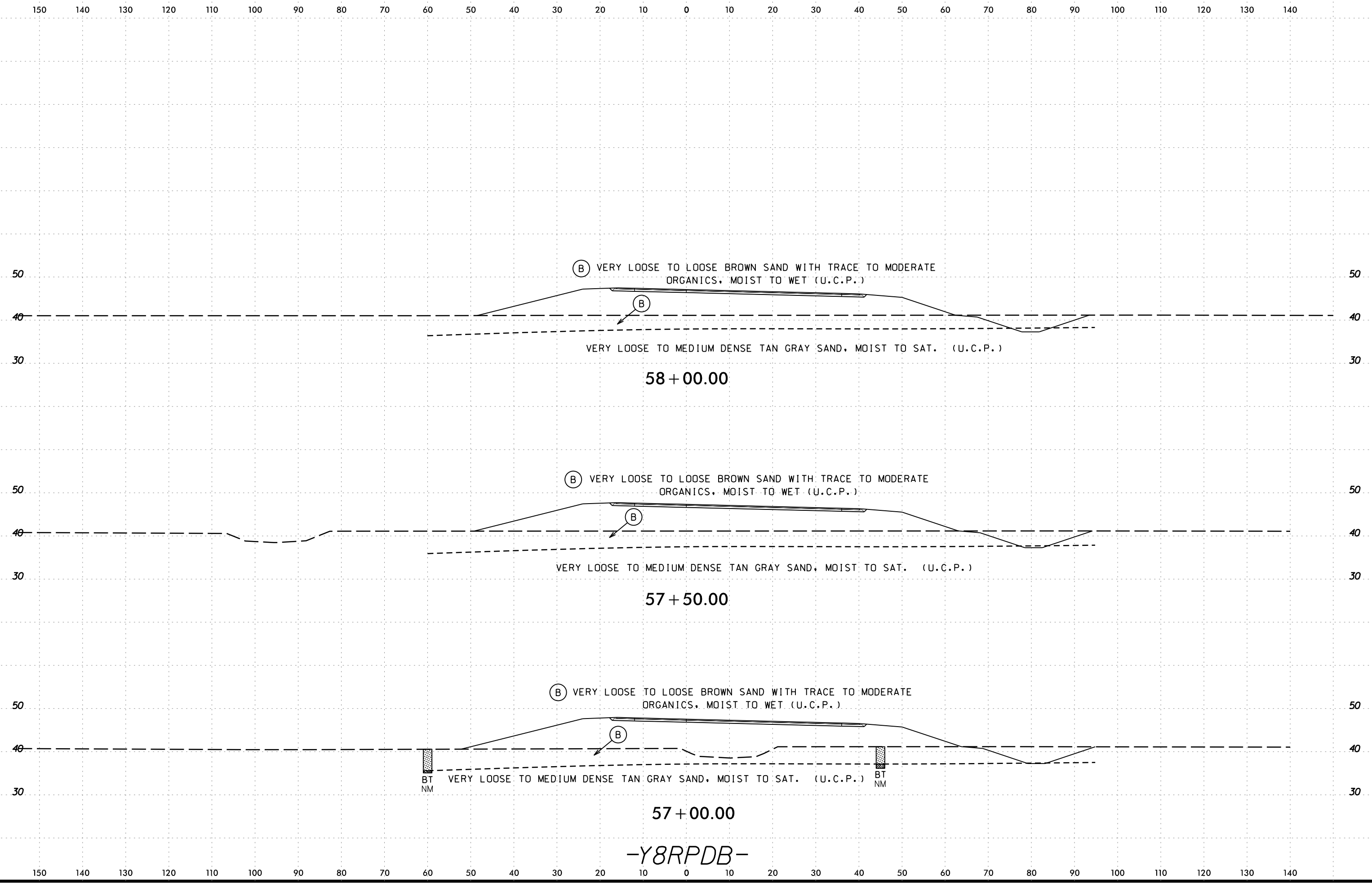
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STONE AT MICROSTATION

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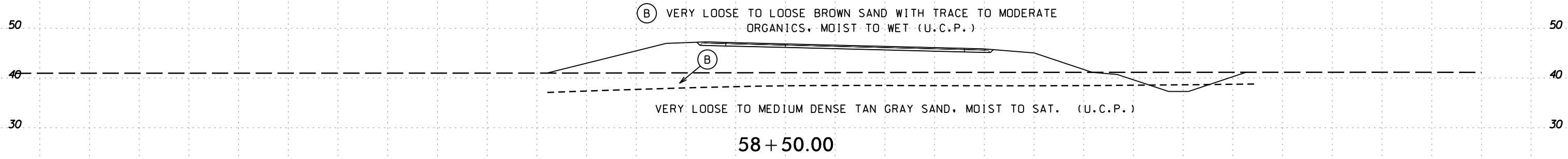
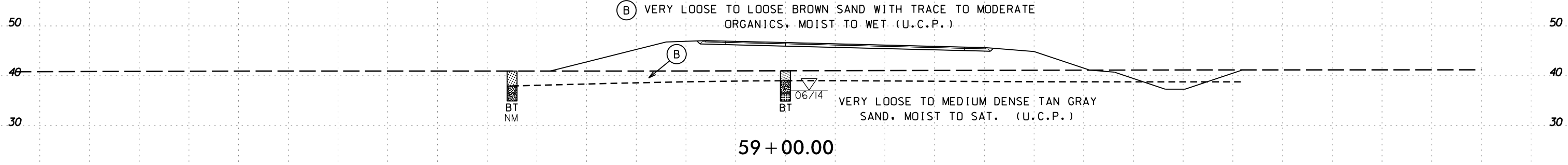
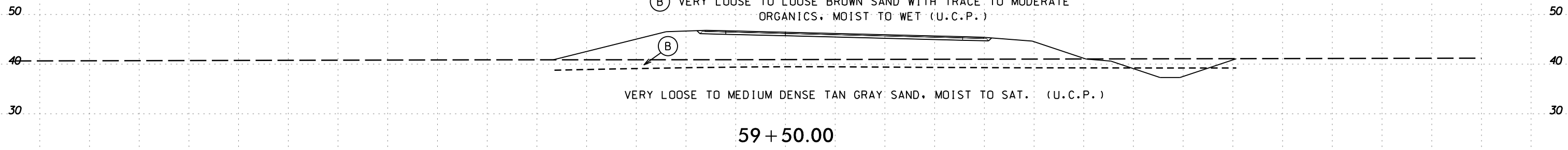
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 1:stone AT MICROSTATIONPC2

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

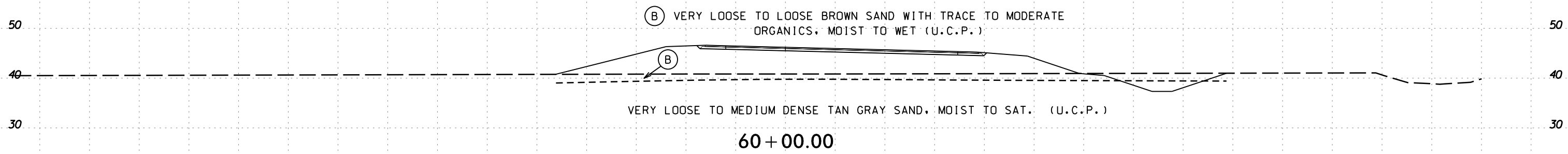
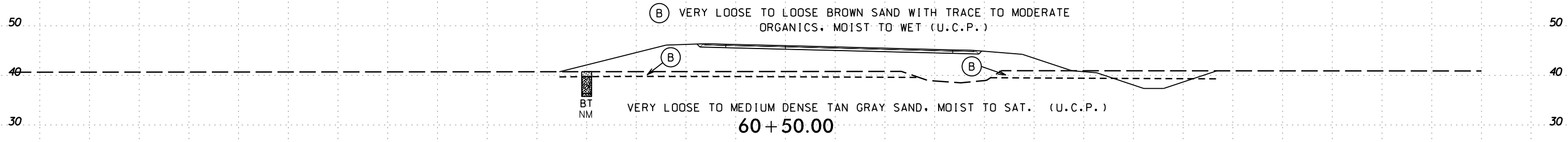
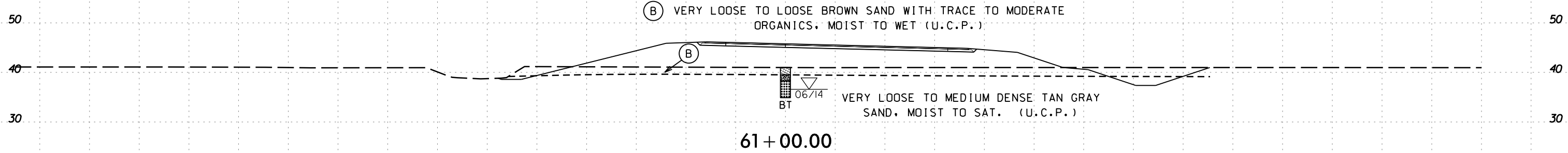


-Y8RPDB-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

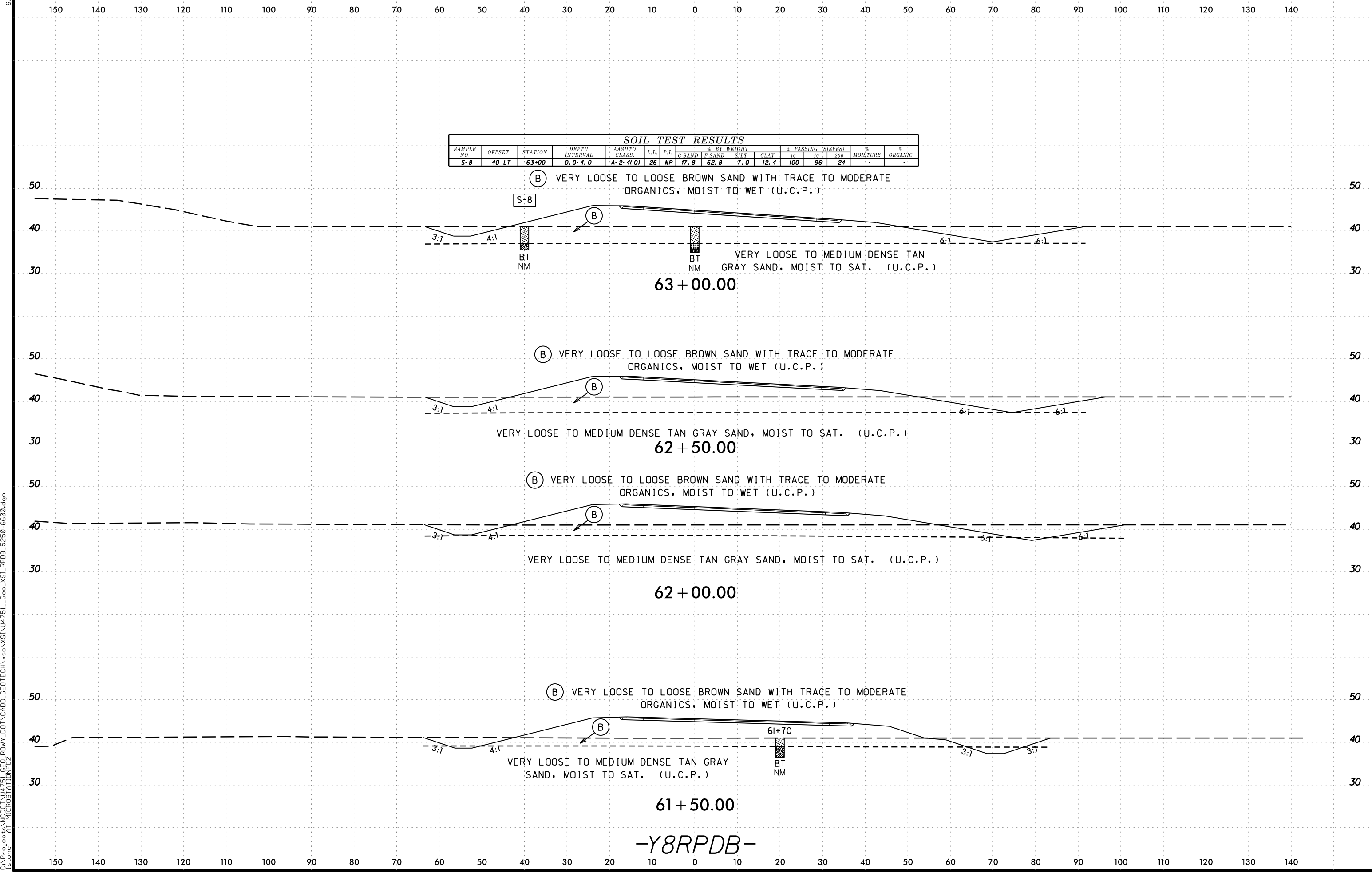


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-Y8RPDB-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	C.SAND	F.SAND	SILT	CLAY	% PASSING (SIEVES)			% MOISTURE	% ORGANIC
S-8	40 LT	63+00	0.0-4.0	A-2-4(0)	26	NP	17.8	62.8	7.0	12.4	100	96	24	-	-

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

S-8

BT  
NM

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

63 + 00.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

62 + 50.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

62 + 00.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

(B)

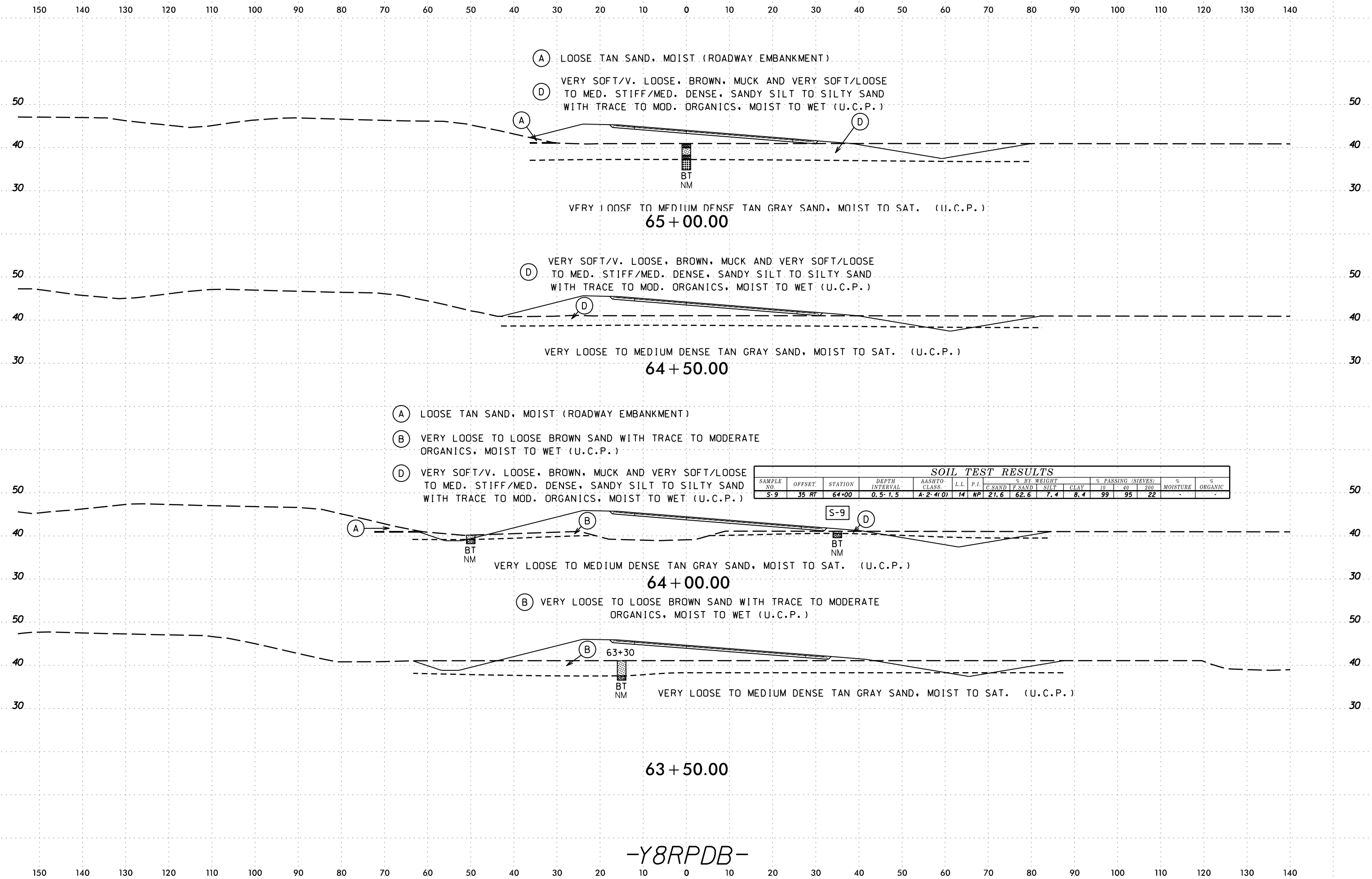
VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

61+70

BT  
NM

61 + 50.00

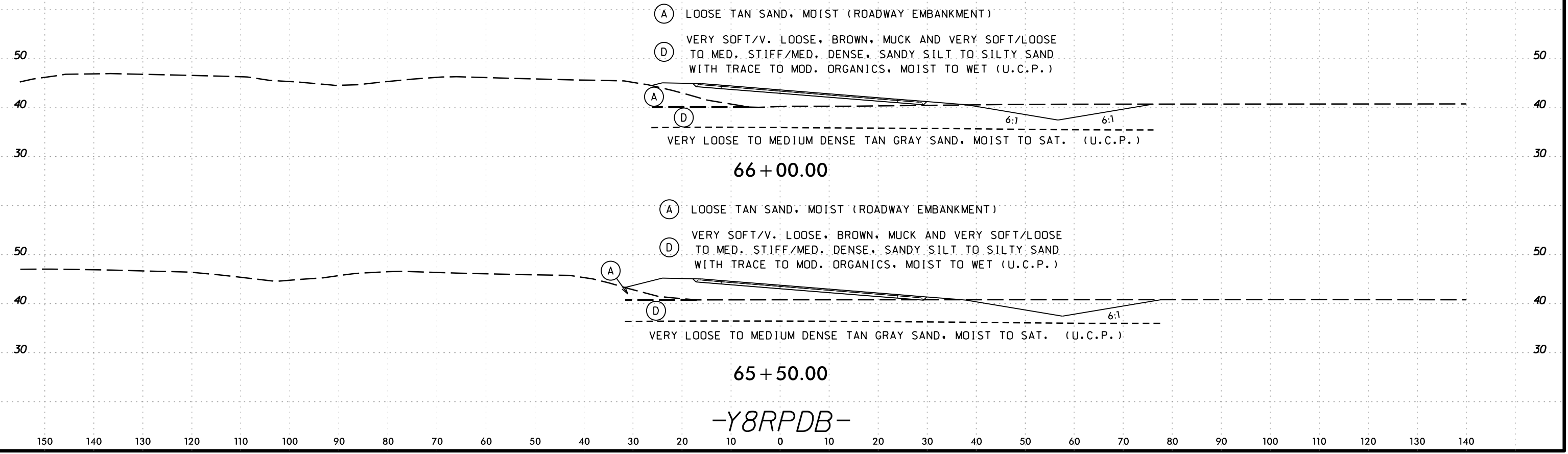
-Y8RPDB-



SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
S-9	35 FT	64+00	0.5-1.5	A-2-4(0)	14	NP	21.6	62.6	7.4	8.4	99	95	22	-	-

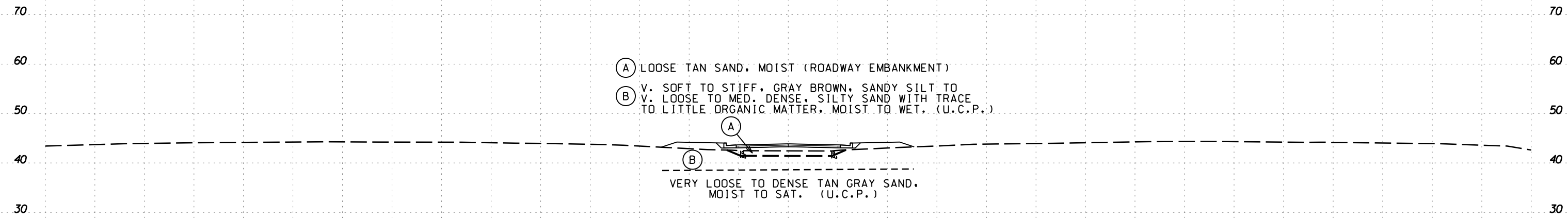
6/23/16

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

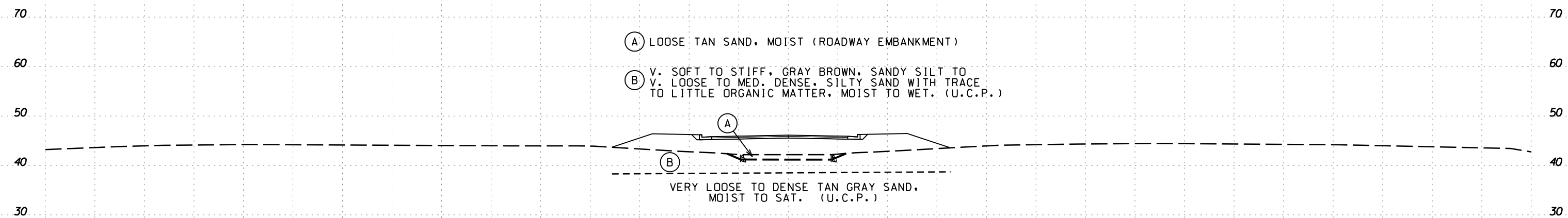


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 Is stone AT MICROSTATIONPC2

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



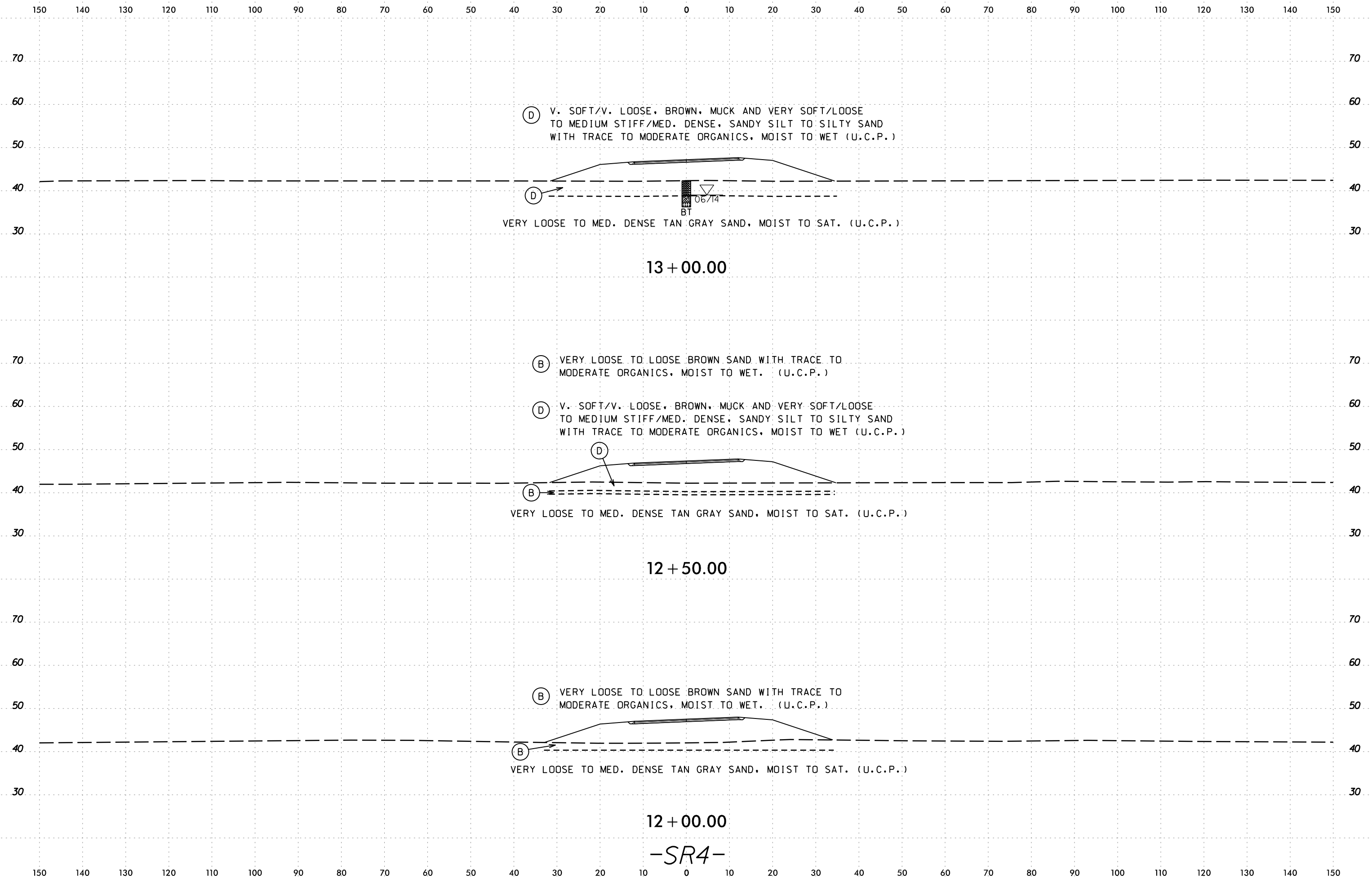
11 + 50.00



11 + 00.00

-Y12-

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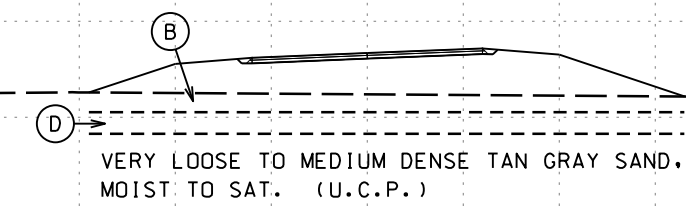


12 + 00.00  
 -SR4-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)

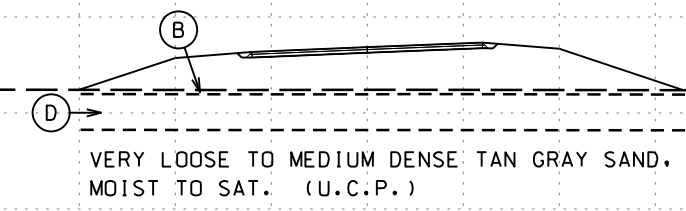
(D) V. SOFT/V. LOOSE, BROWN, MUCK AND VERY SOFT/LOOSE TO MEDIUM STIFF/MED. DENSE, SANDY SILT TO SILTY SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)



14 + 50.00

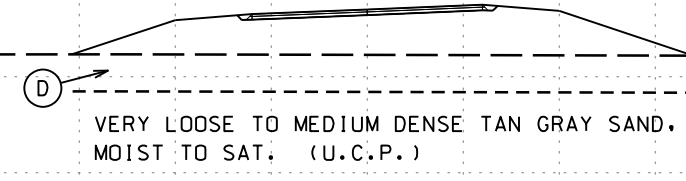
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)

(D) V. SOFT/V. LOOSE, BROWN, MUCK AND VERY SOFT/LOOSE TO MEDIUM STIFF/MED. DENSE, SANDY SILT TO SILTY SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)



14 + 00.00

(D) V. SOFT/V. LOOSE, BROWN, MUCK AND VERY SOFT/LOOSE TO MEDIUM STIFF/MED. DENSE, SANDY SILT TO SILTY SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)



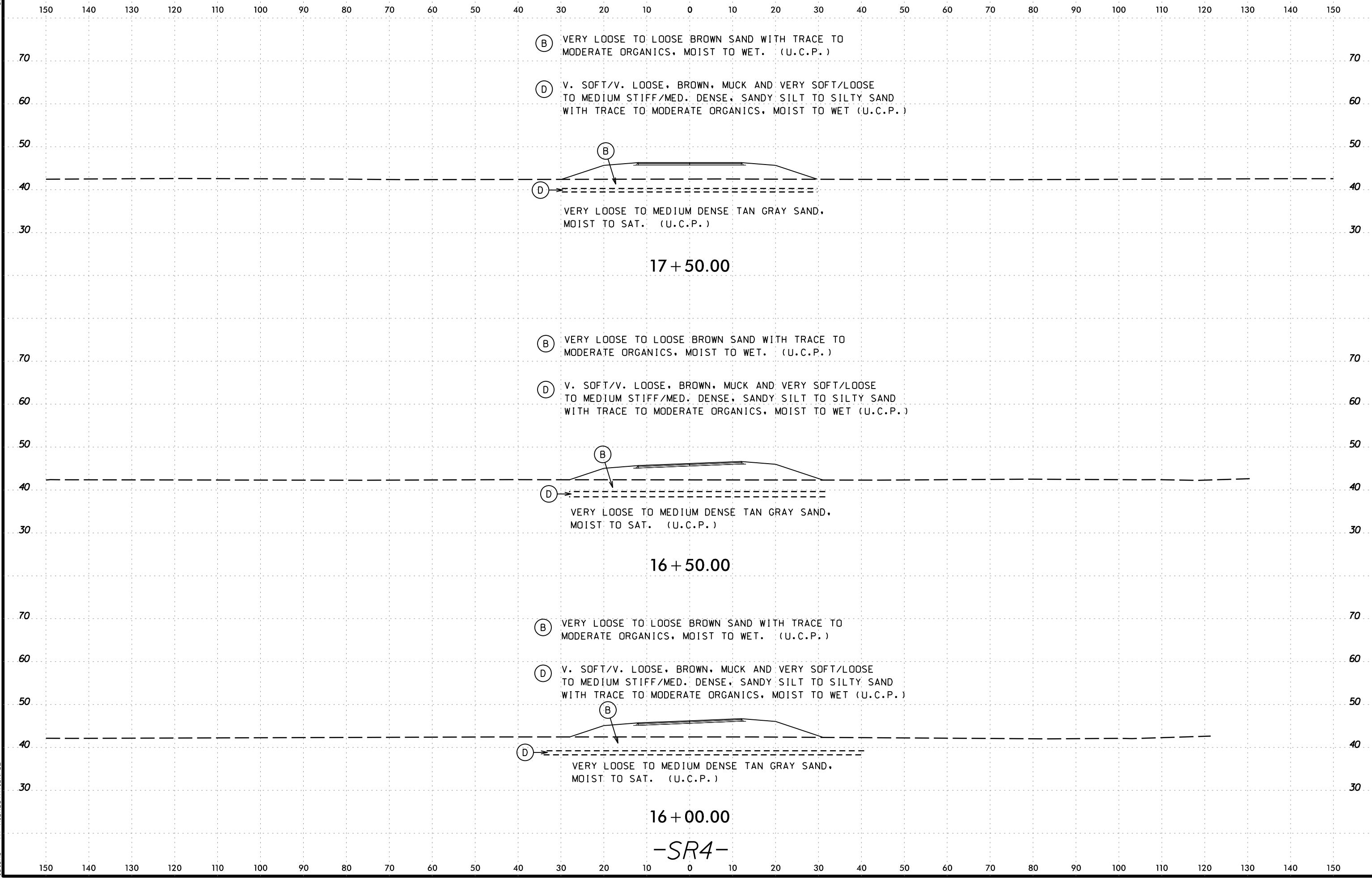
13 + 50.00

-SR4-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150





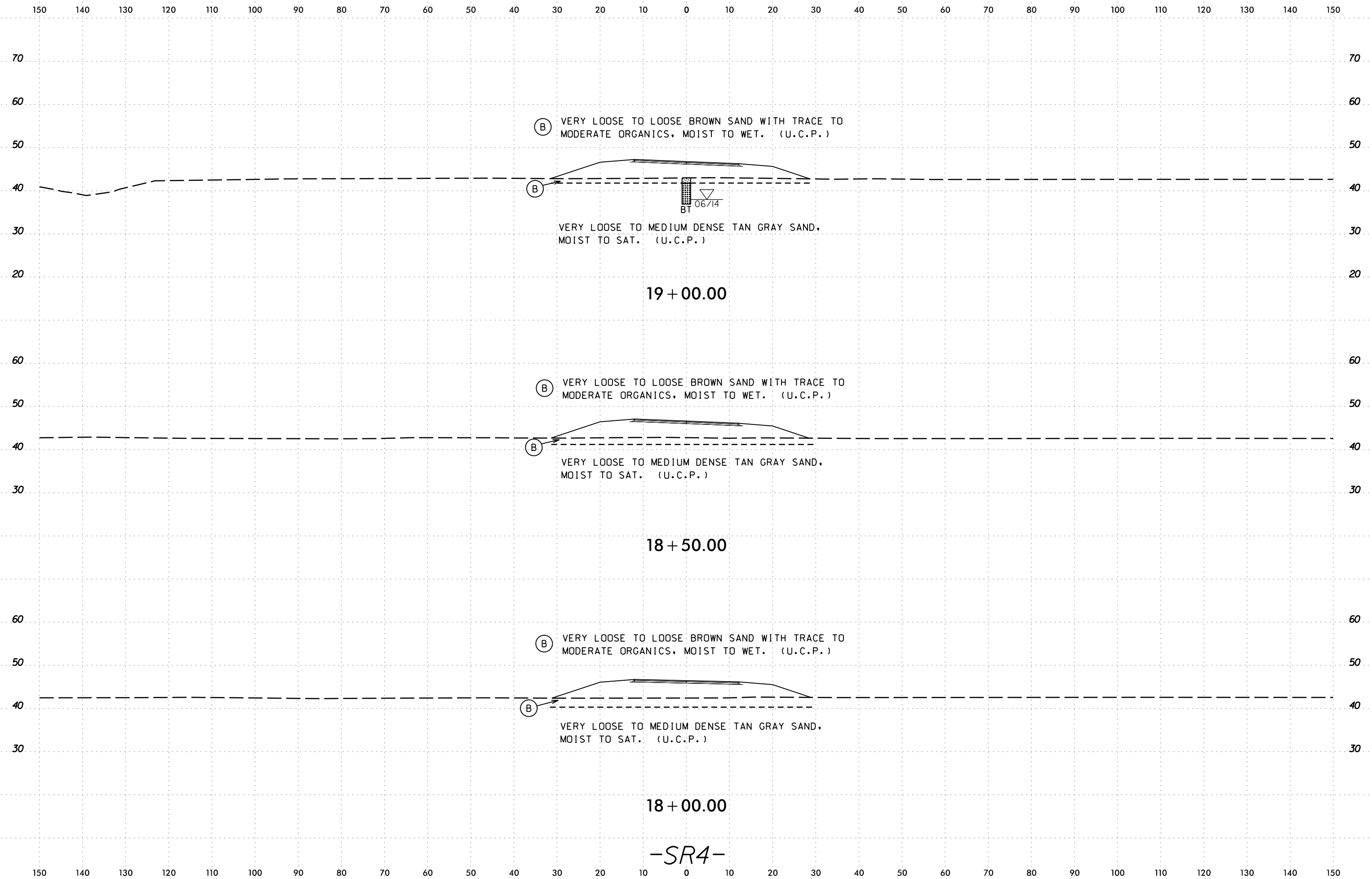


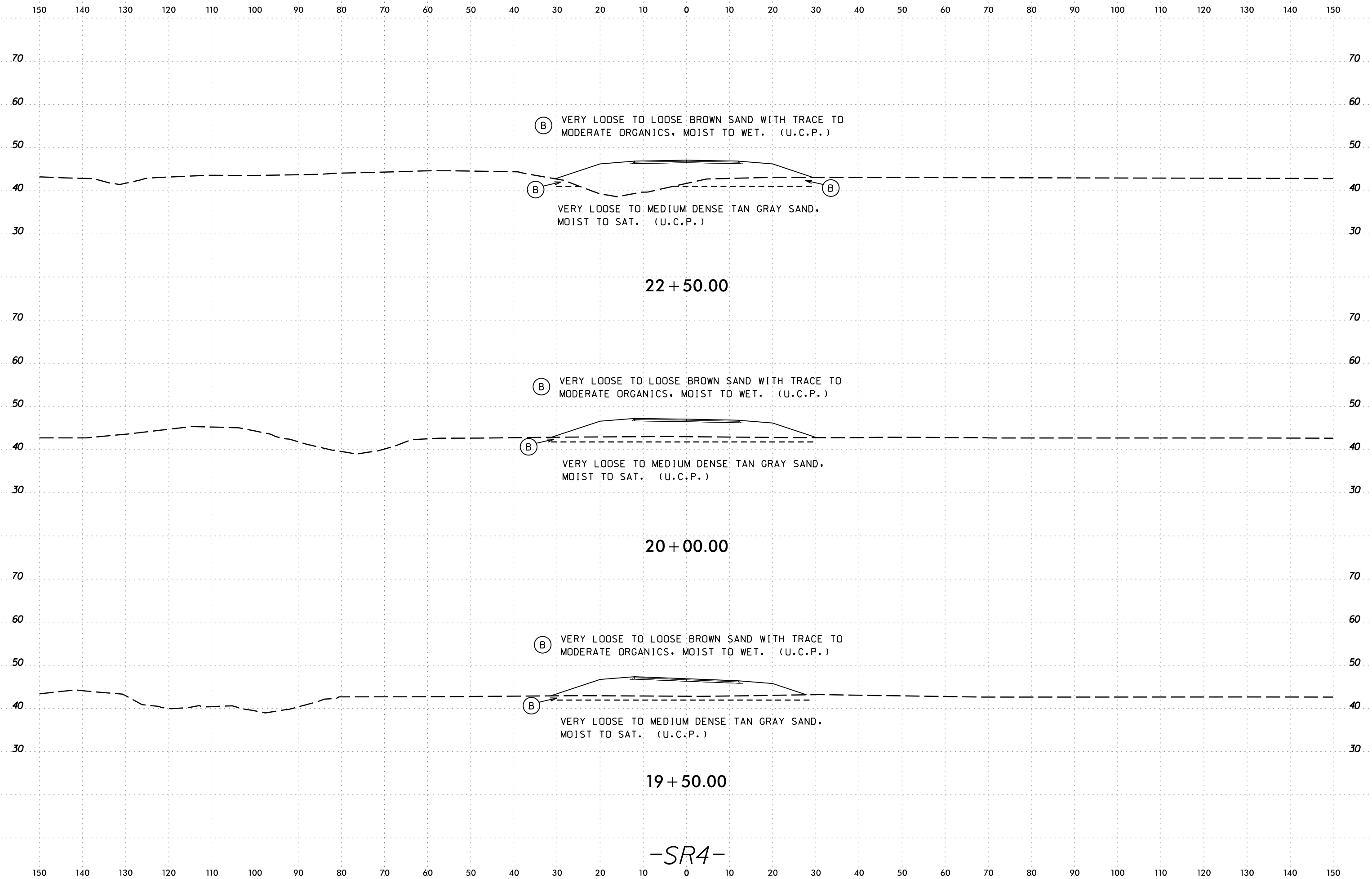
17 + 50.00

16 + 50.00

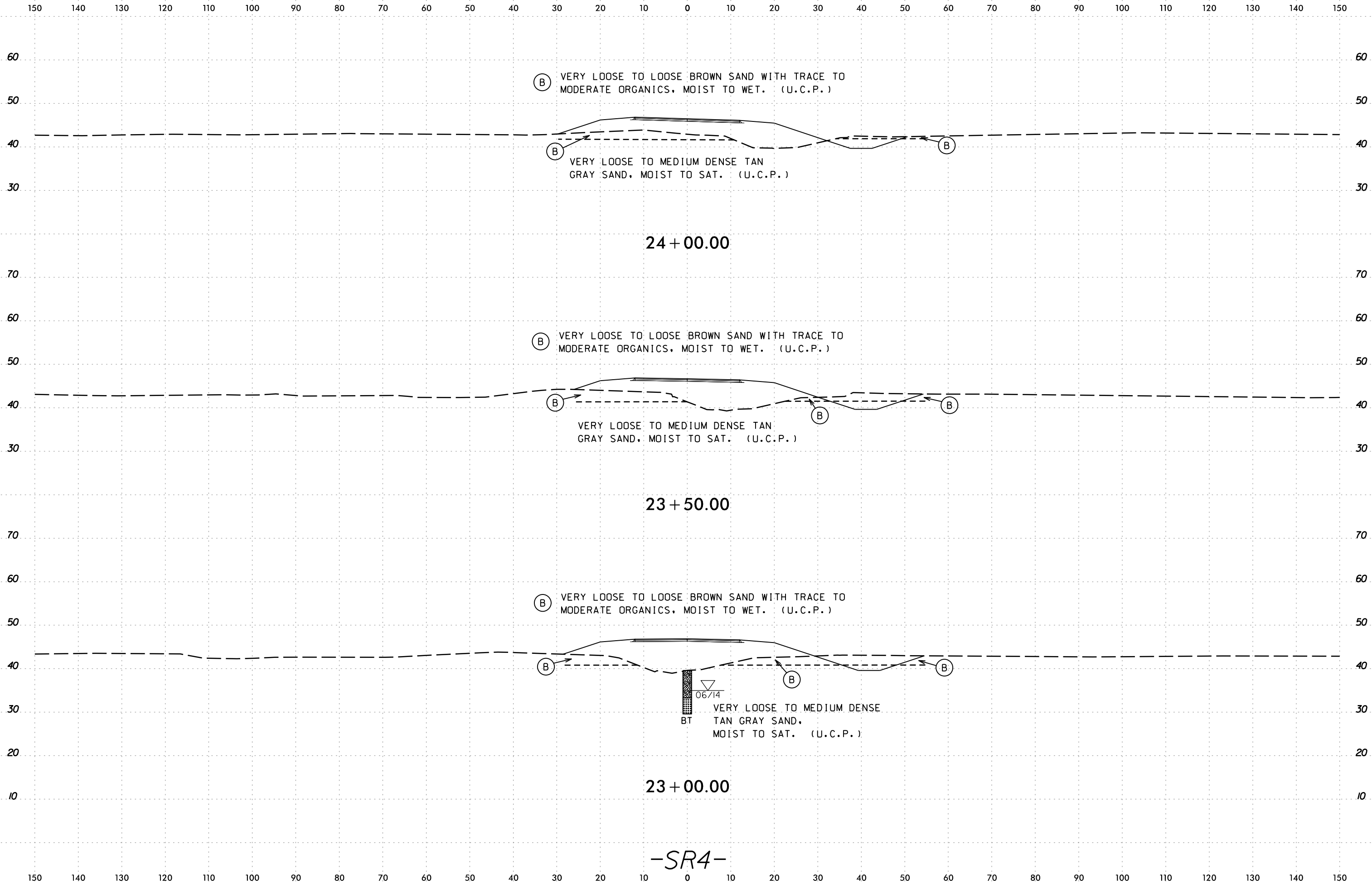
16 + 00.00

-SR4-



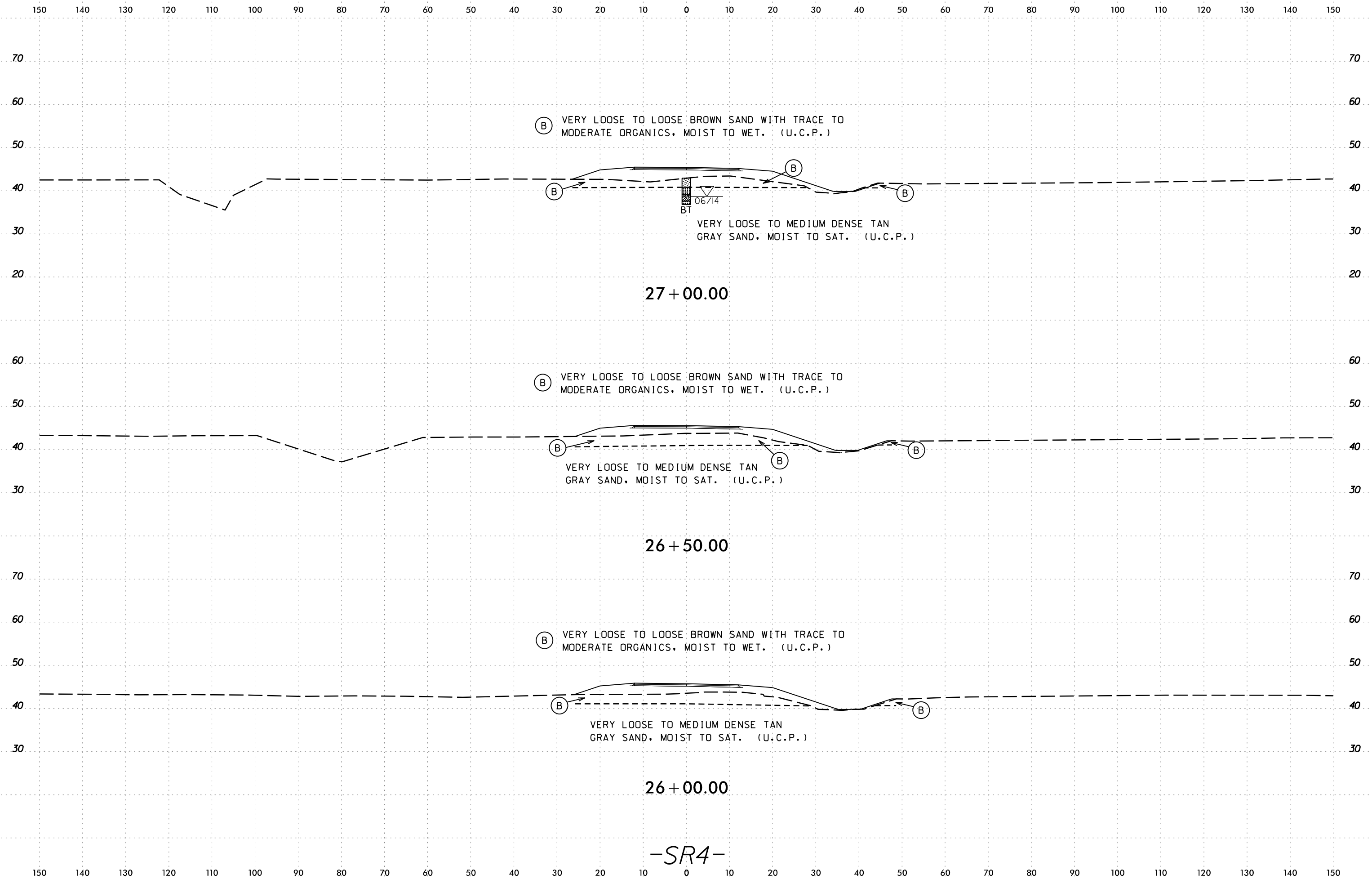


-SR4-

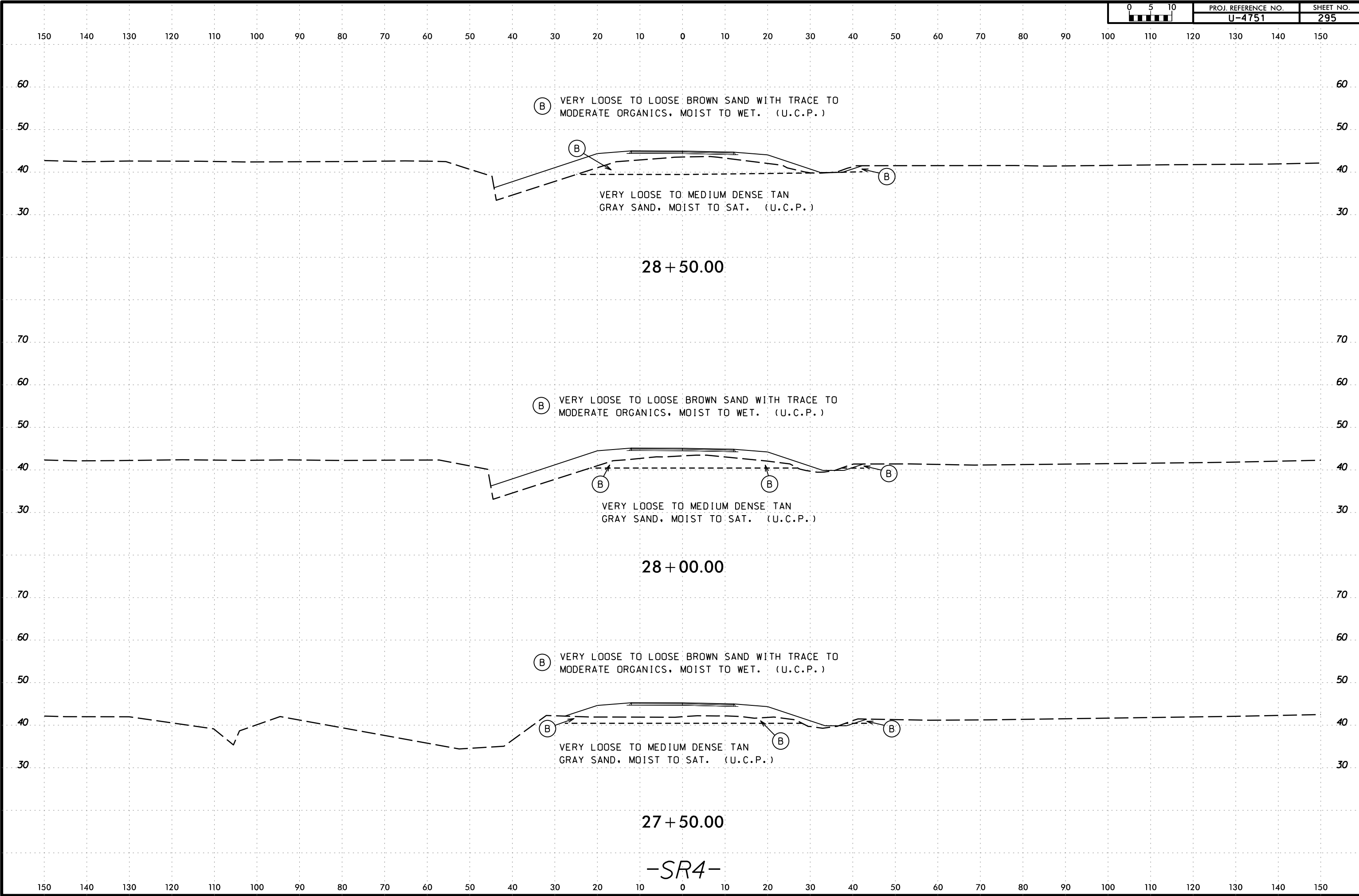


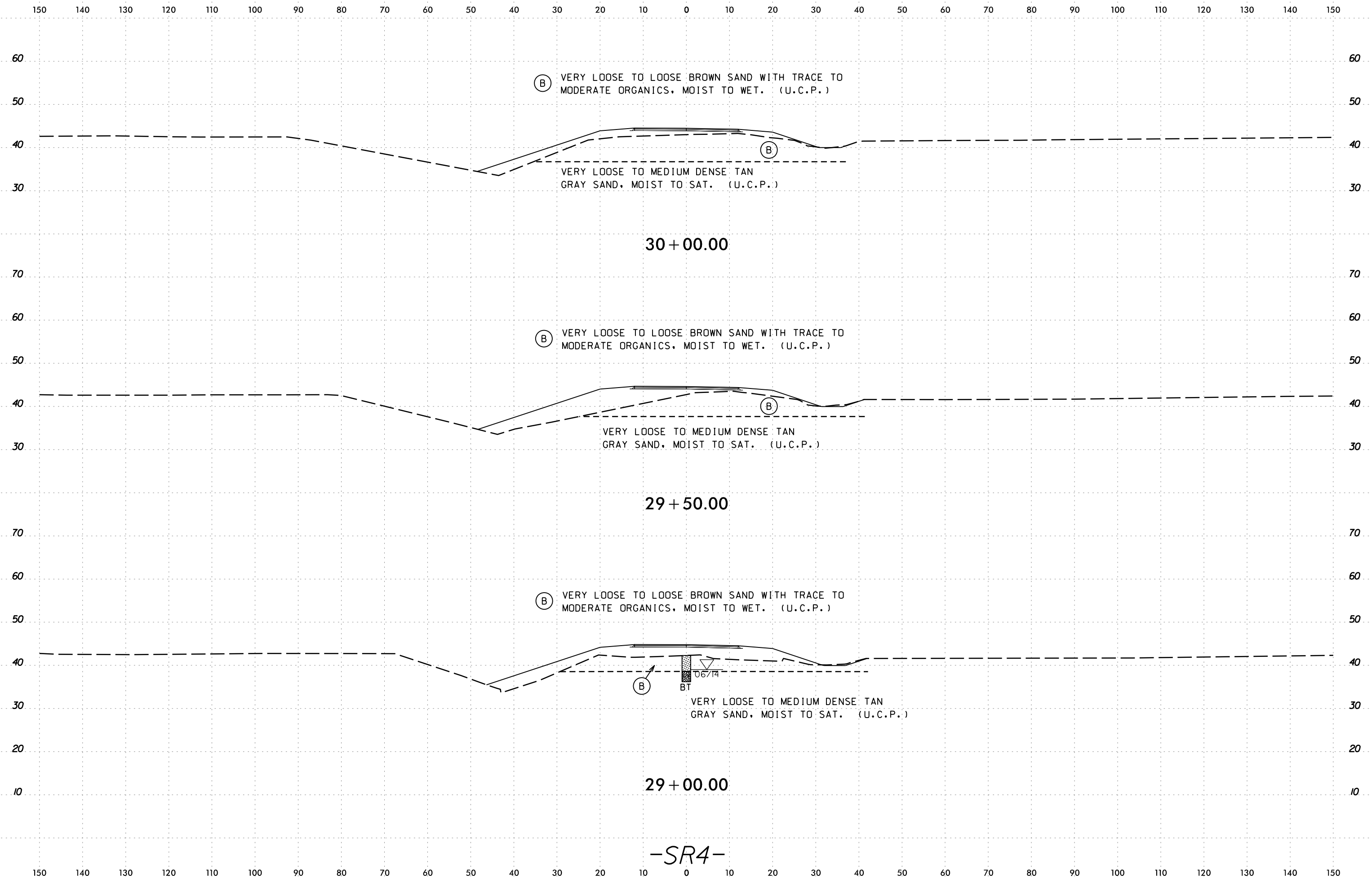
-SR4-





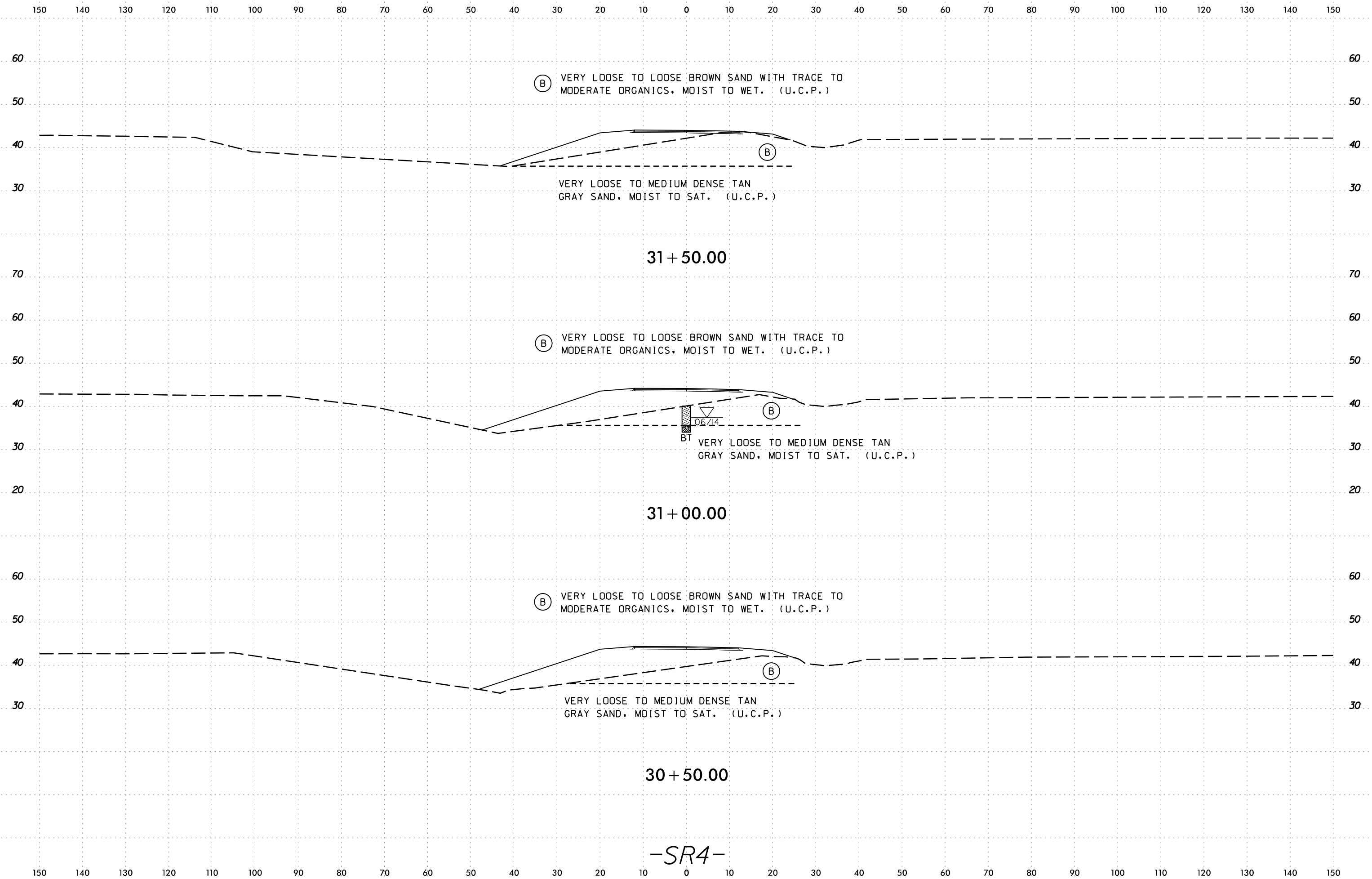
-SR4-





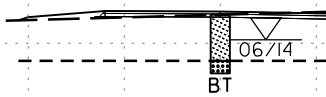
-SR4-





150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

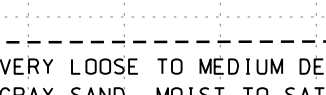
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)



VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

33 + 00.00

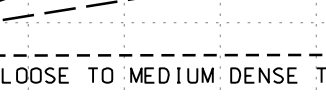
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)



VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

32 + 50.00

(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)



VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

32 + 00.00

-SR4-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

