

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

REFERENCE: U-4751

PROJECT: 40191

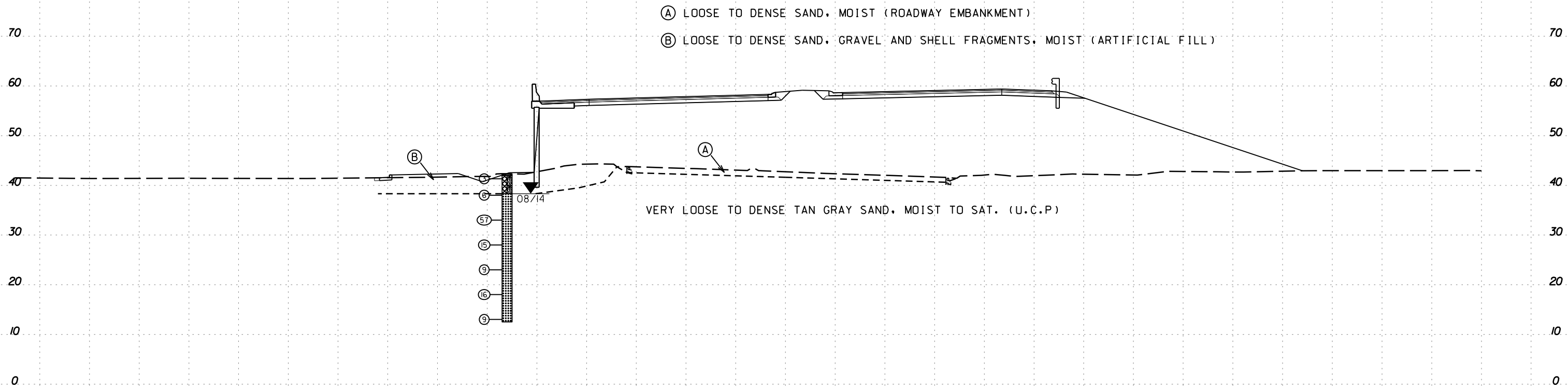
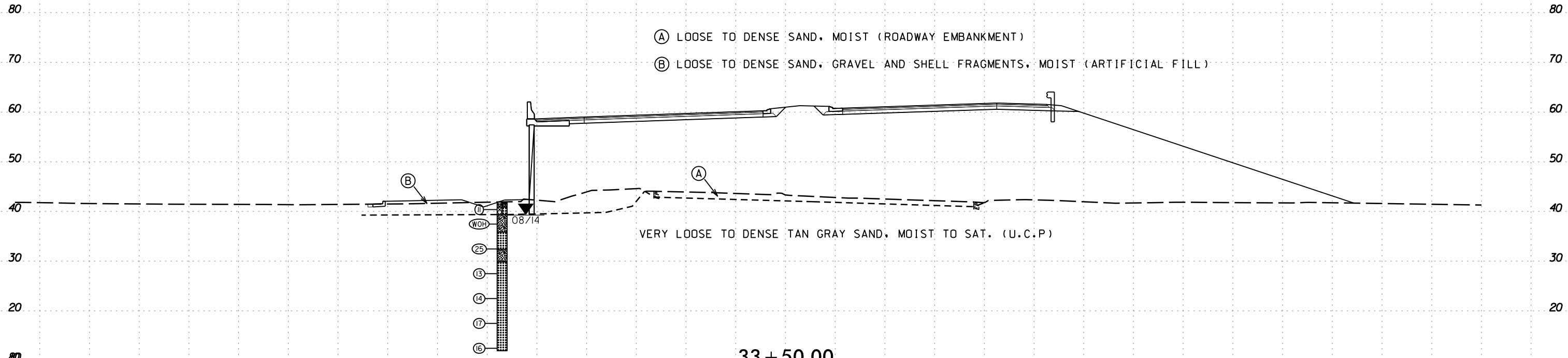
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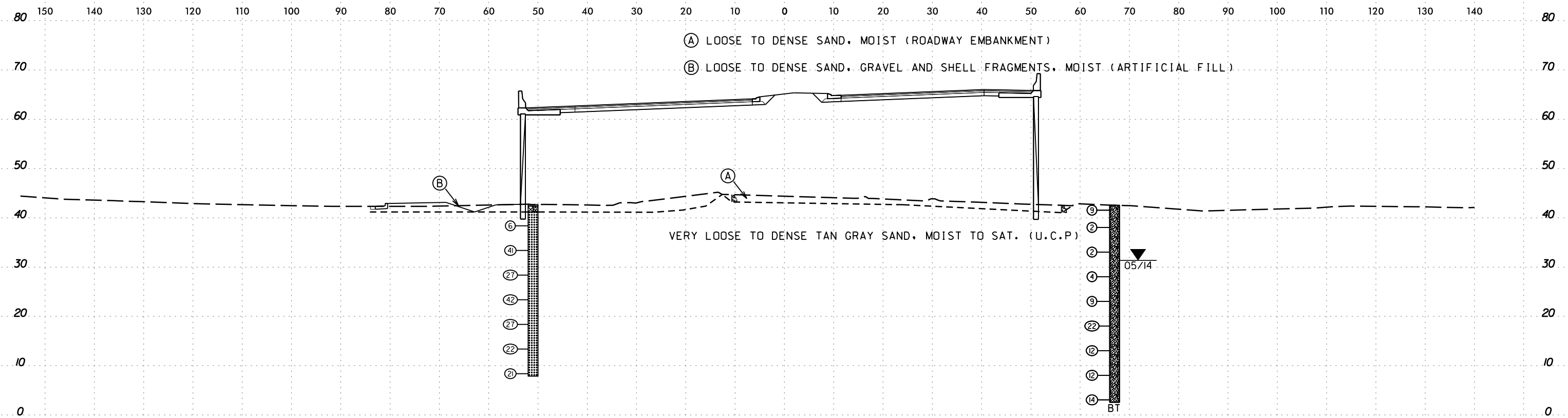
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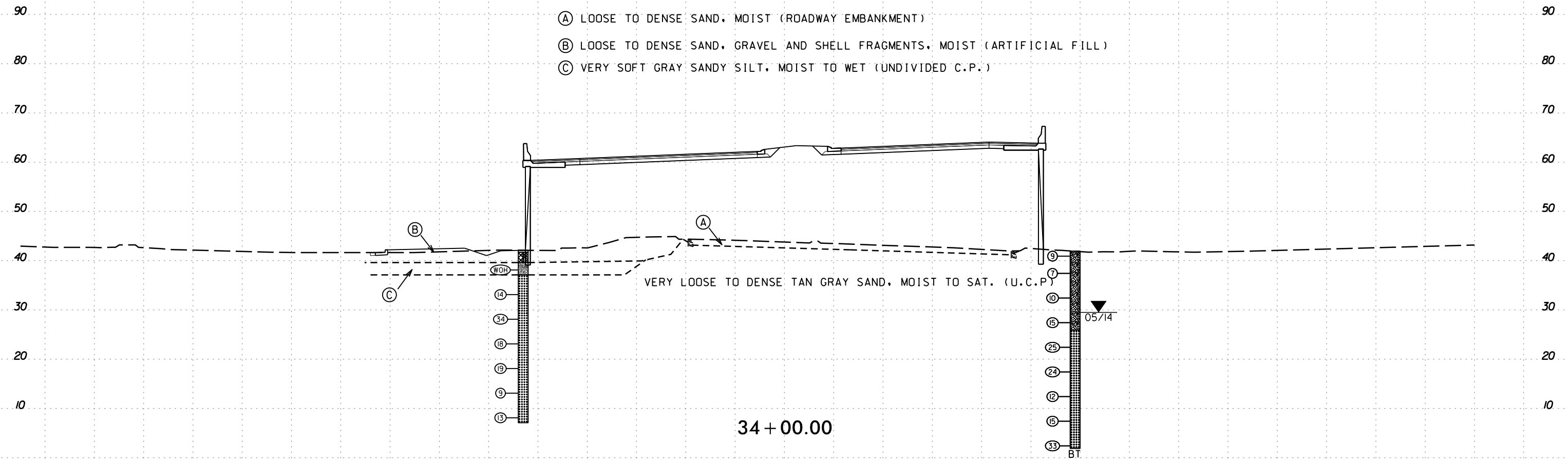
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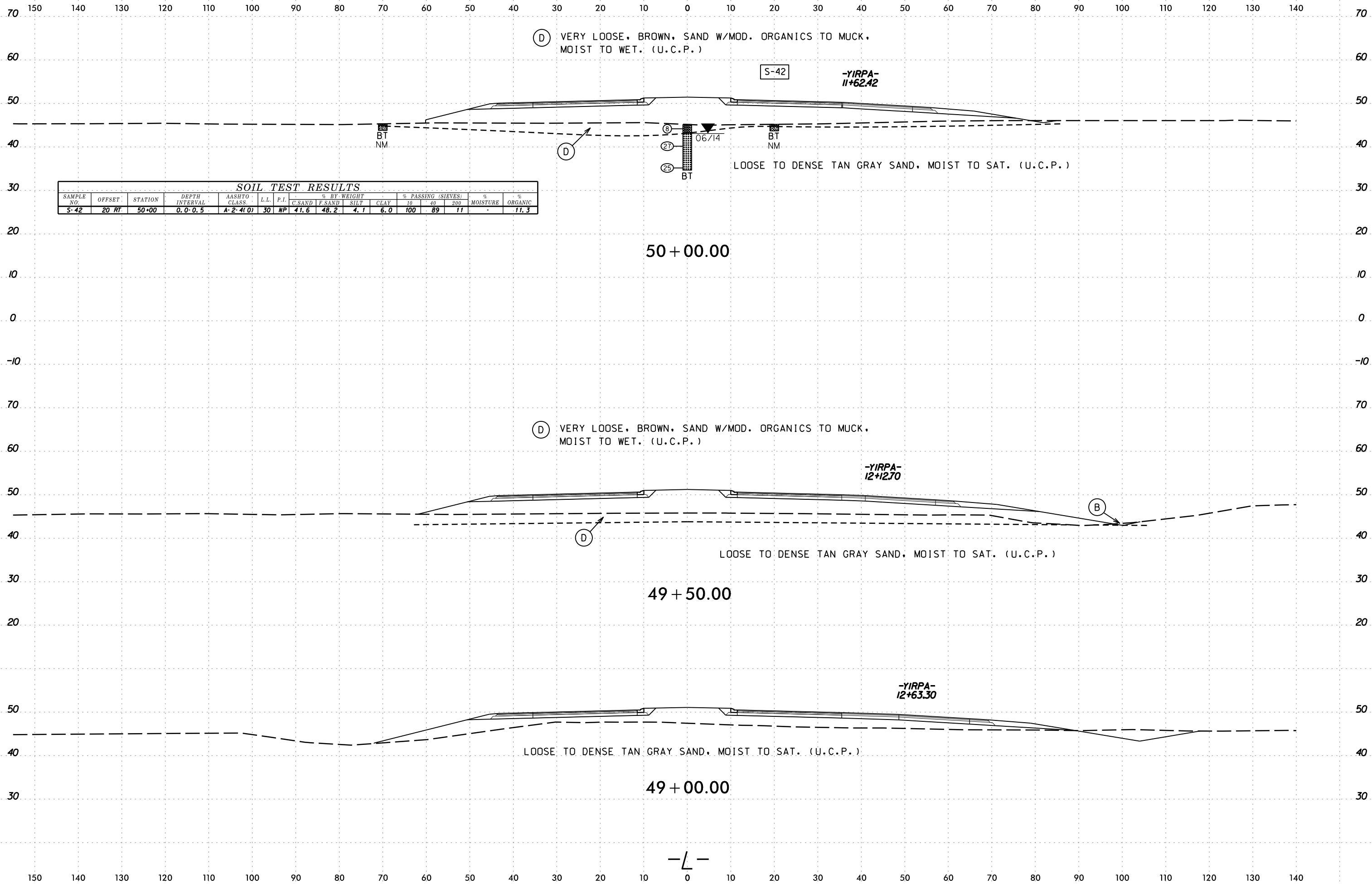


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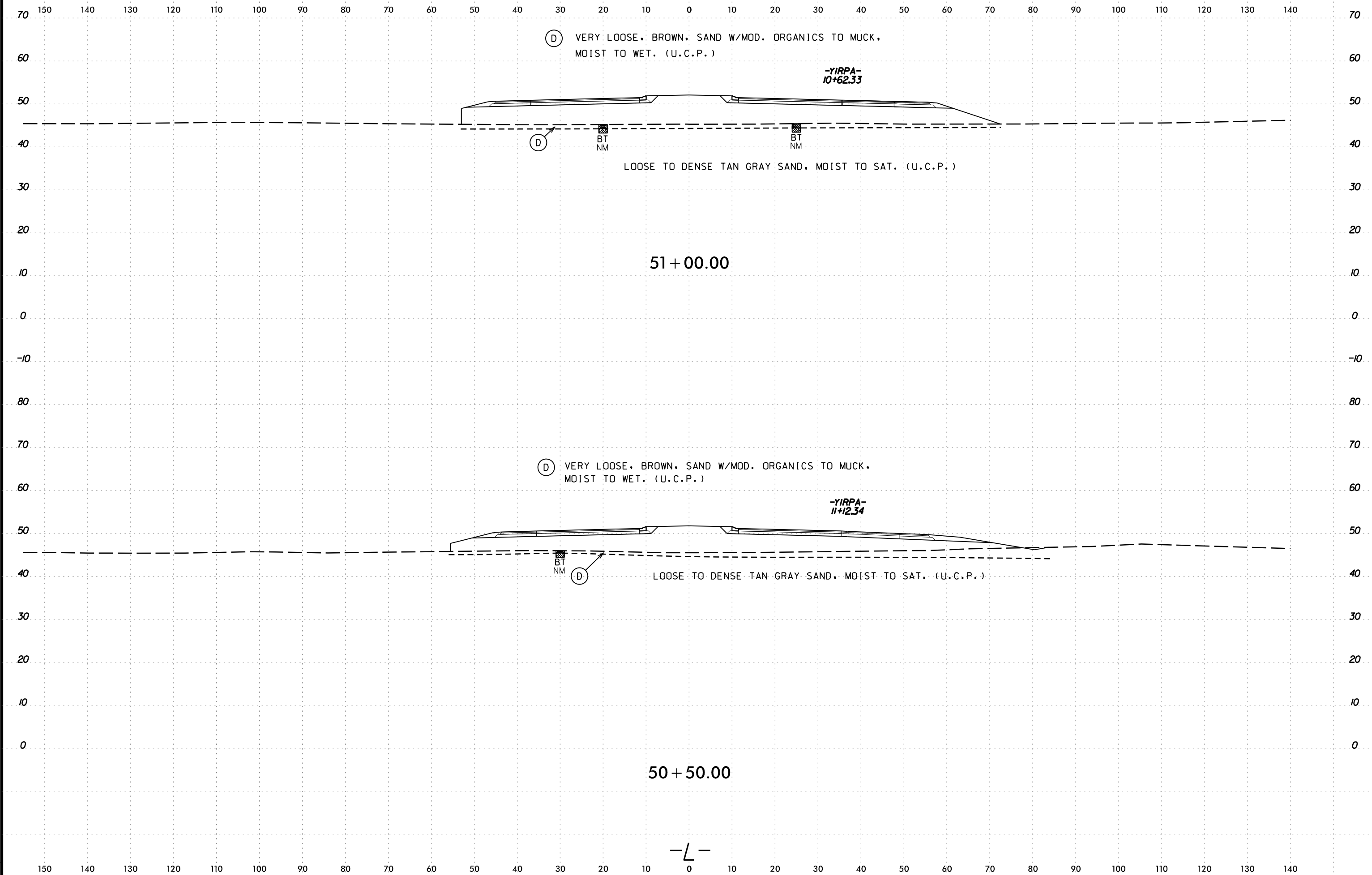
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-42	20 RT	50+00	0.0-0.5	A-2-4(0)	30	NP	41.6	48.2	4.1	6.0	100	89	11	-	11.3

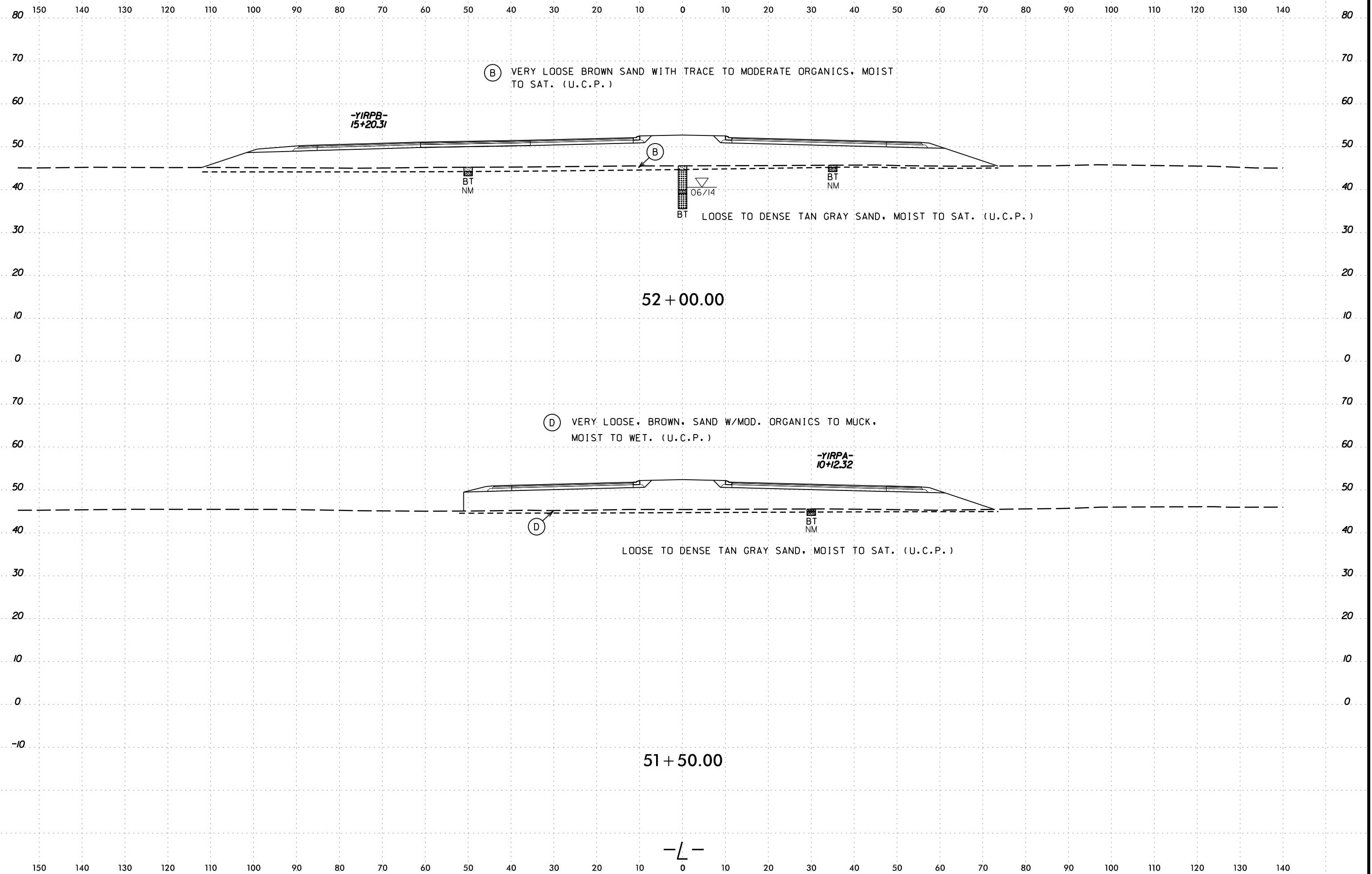
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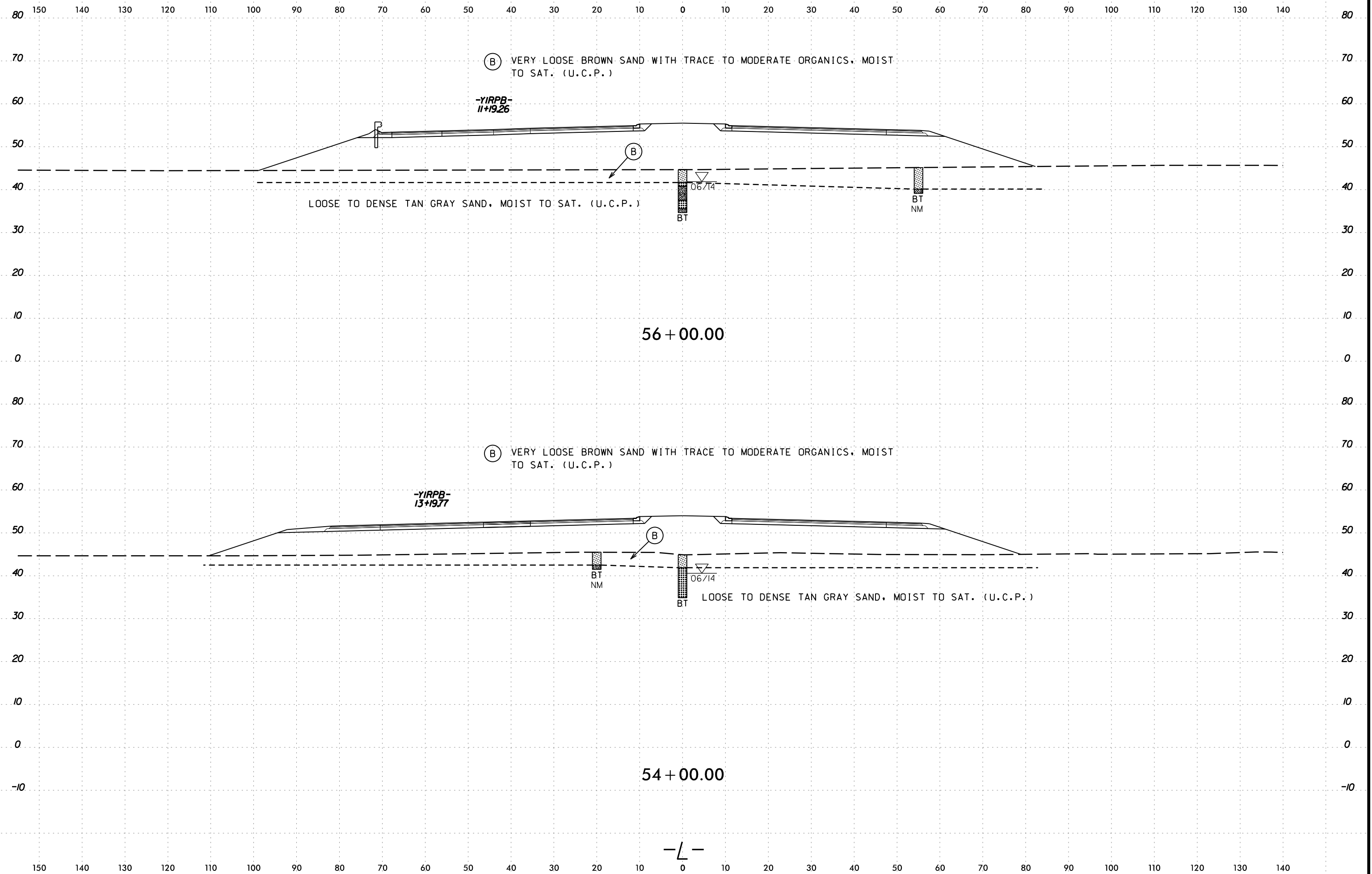
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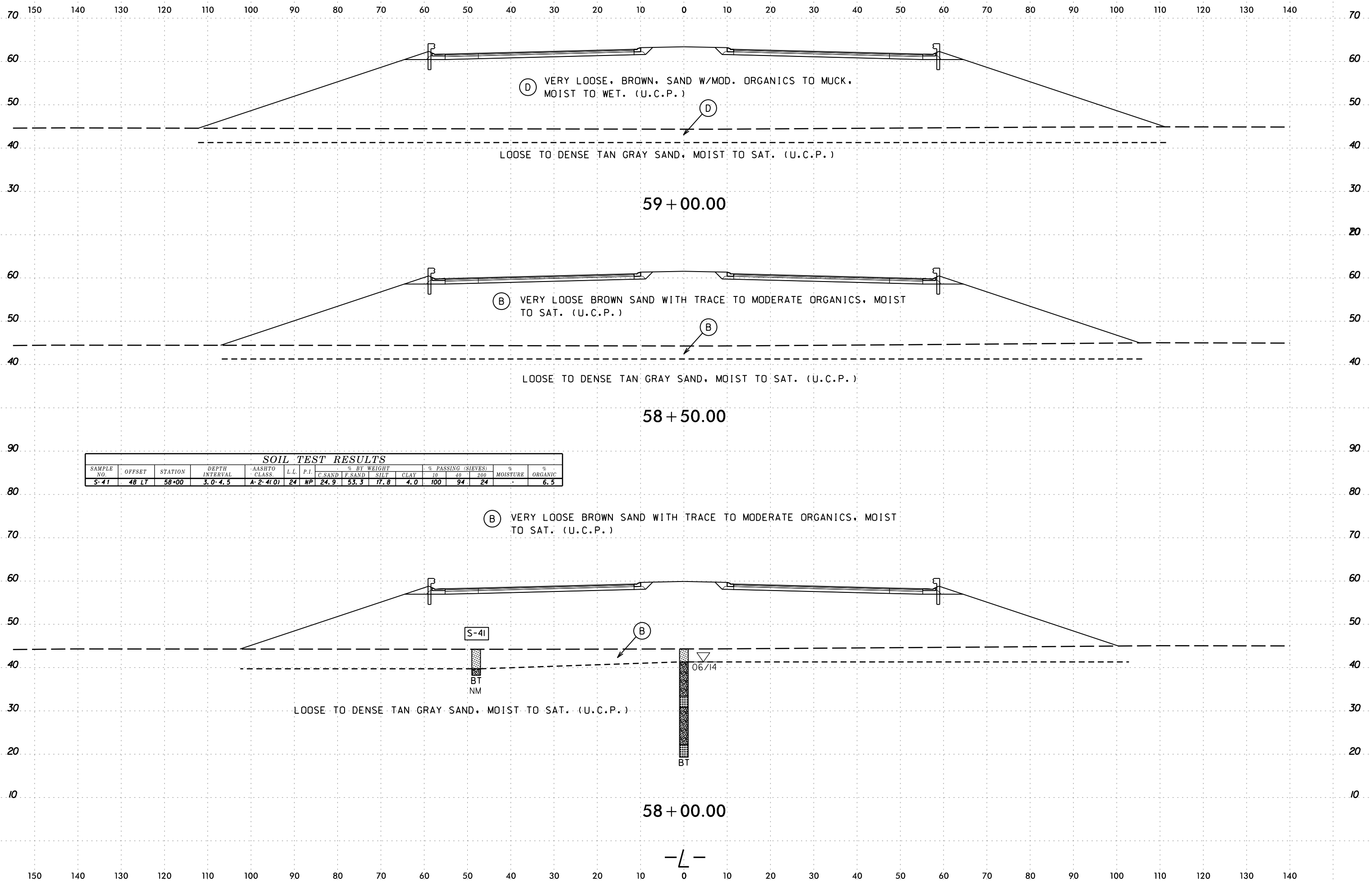
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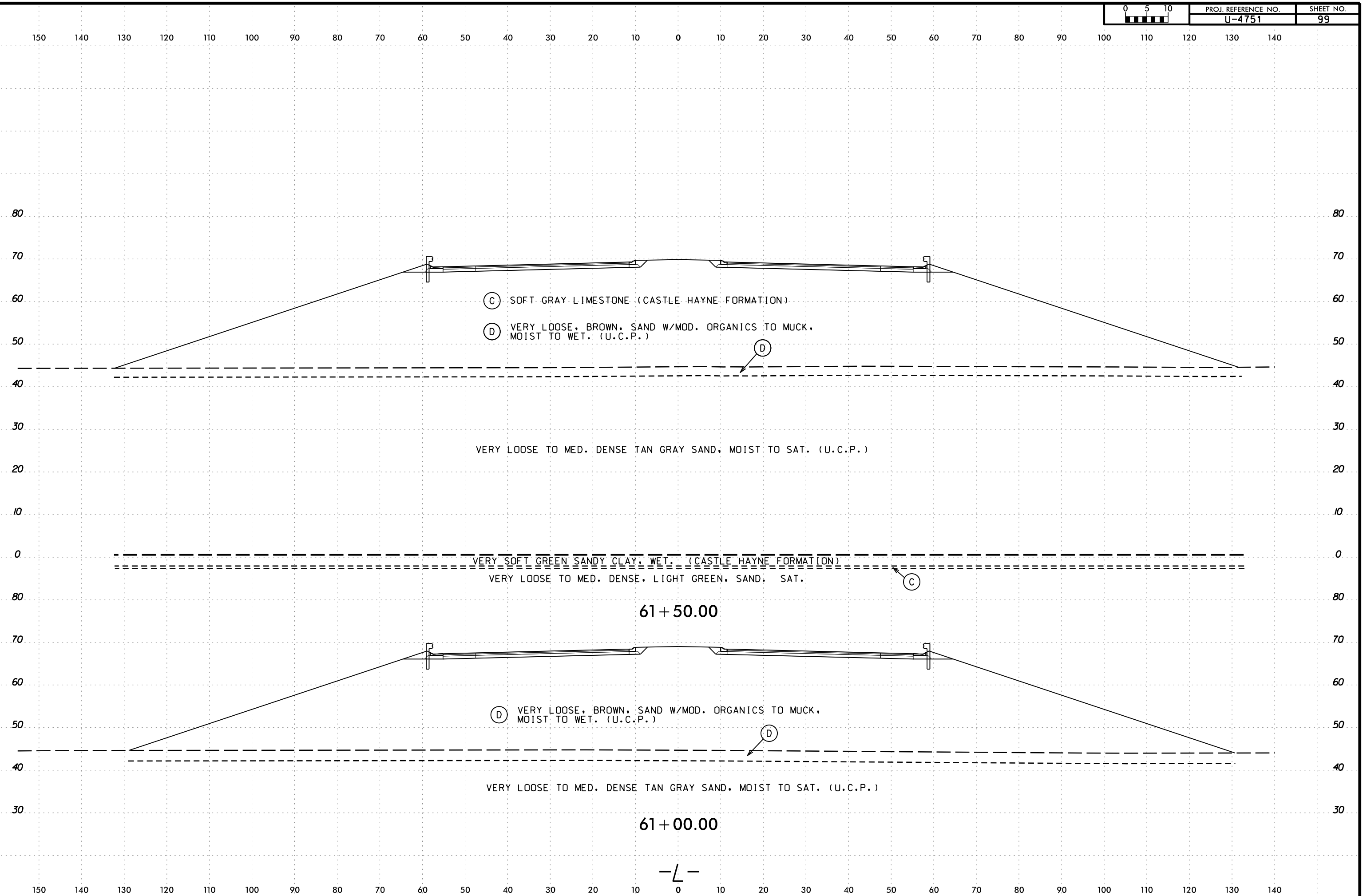
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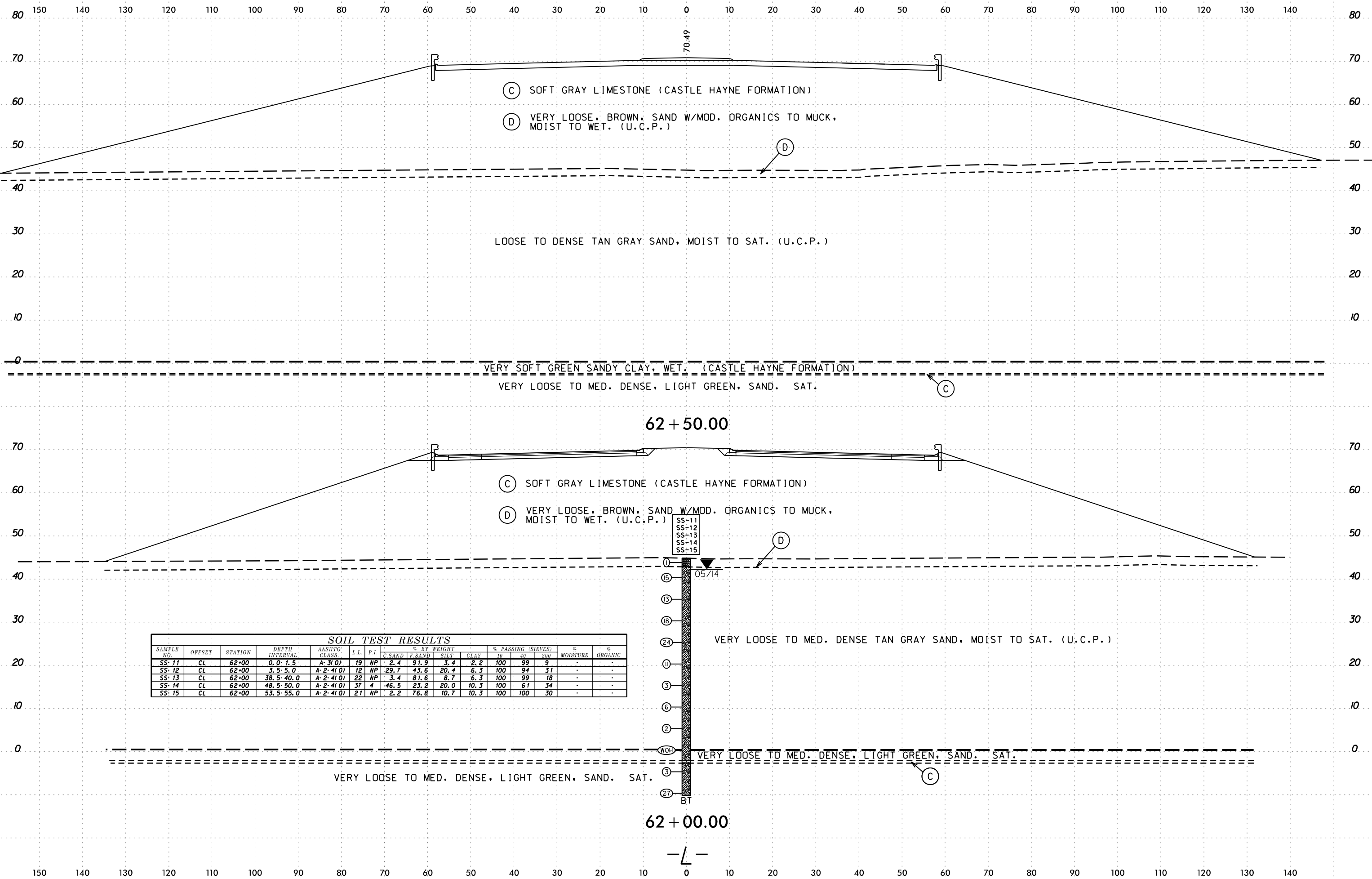
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61 + 50.00

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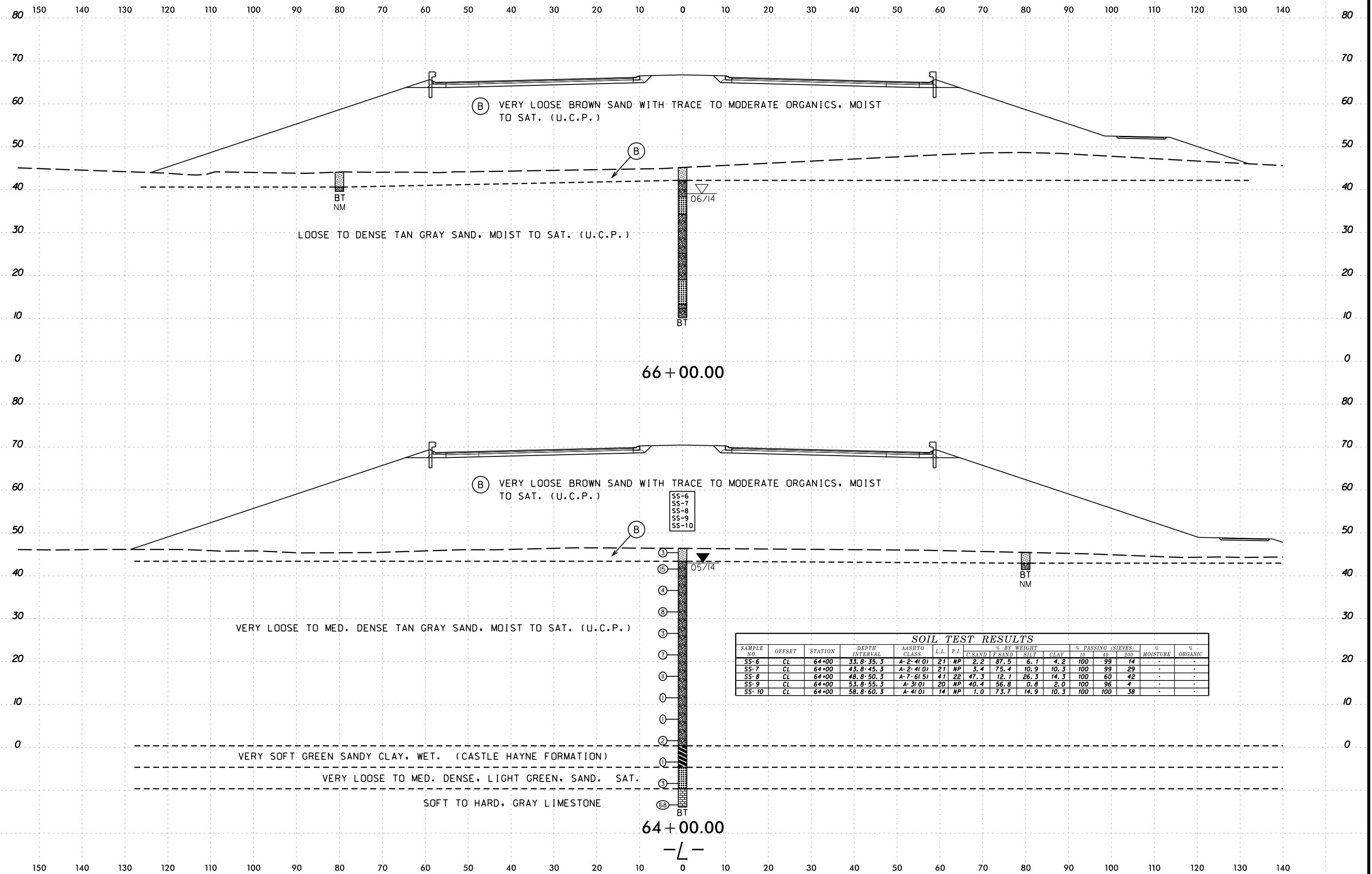
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-11	CL	62+00	0.0-1.5	A-3(0)	19	NP	2.4	91.9	3.4	2.2	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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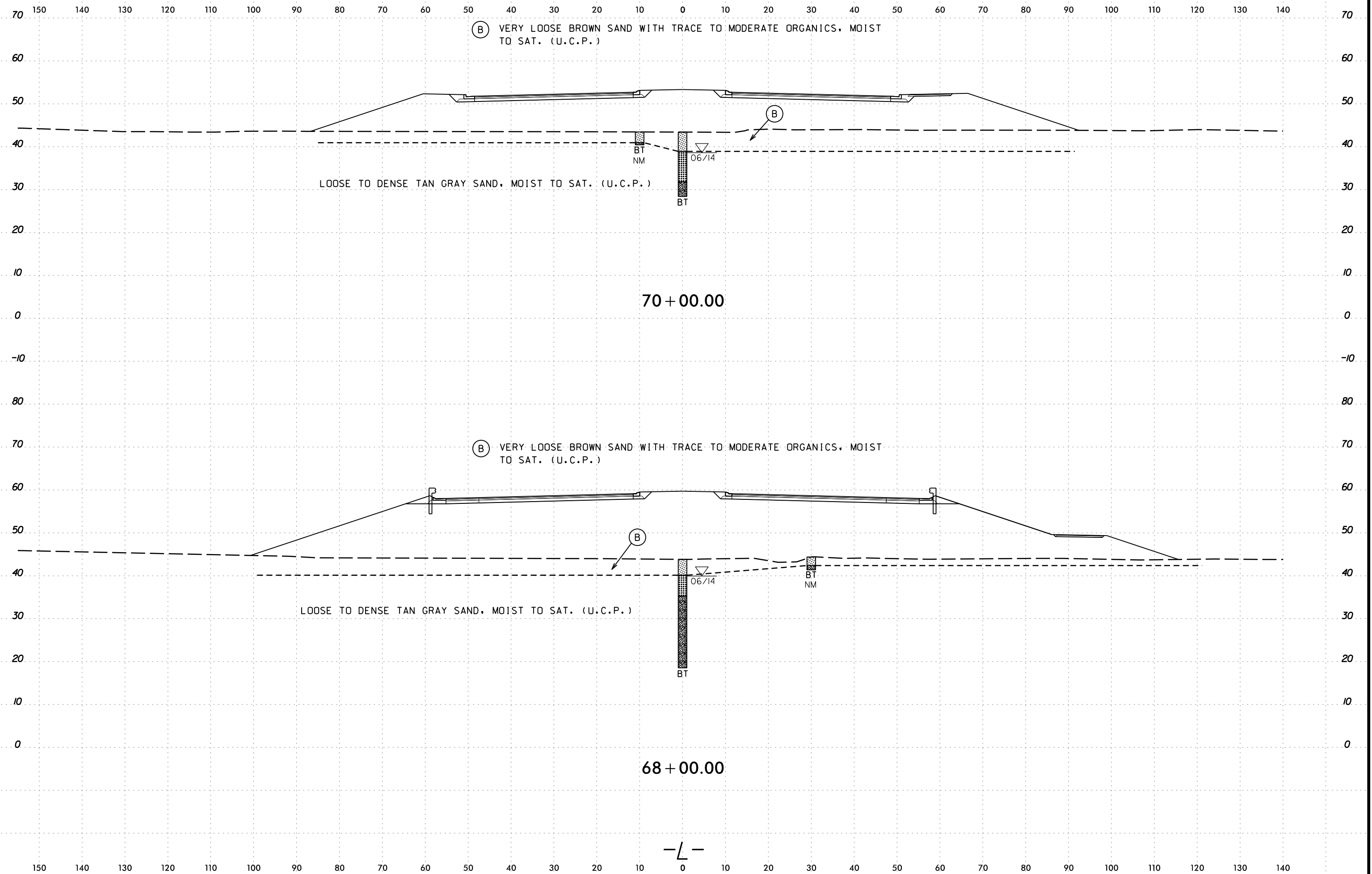
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SOIL TEST RESULTS

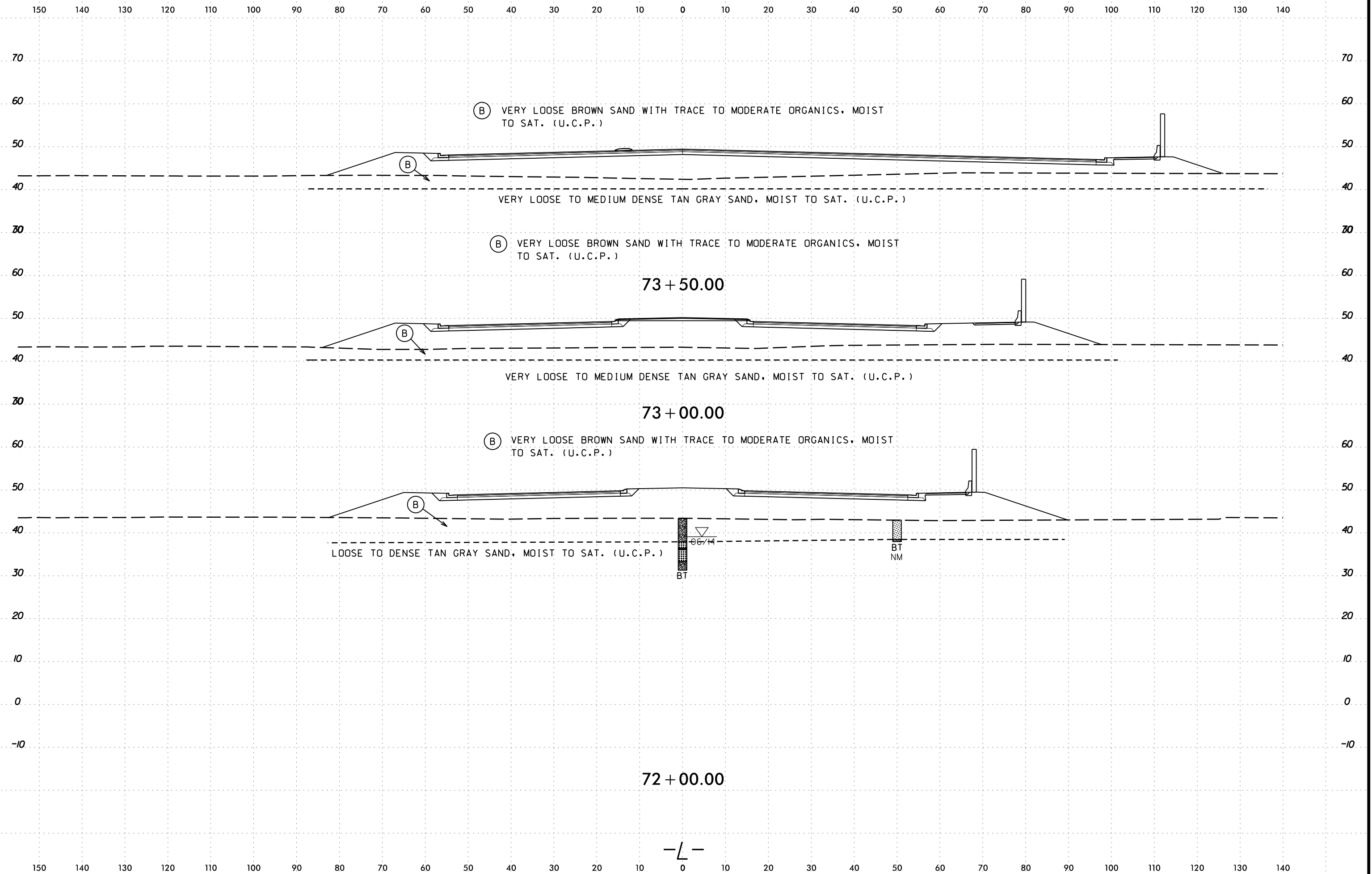
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							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-6	CL	64+00	33.8-35.3	A-2-4(0)	21	NP	2.2	87.5	6.1	4.2	100	99	14	-	-
SS-7	CL	64+00	43.8-45.3	A-2-4(0)	21	NP	3.4	75.4	10.9	10.3	100	99	29	-	-
SS-8	CL	64+00	48.8-50.3	A-7-6(5)	41	22	47.3	12.1	26.3	14.3	100	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	-	-

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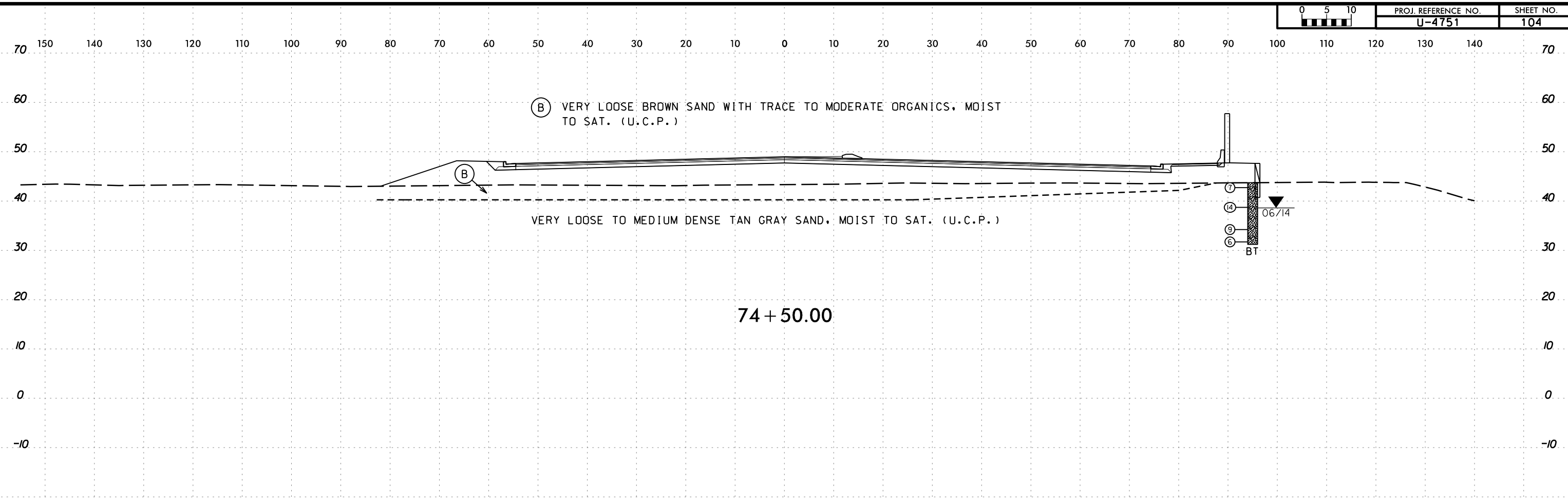


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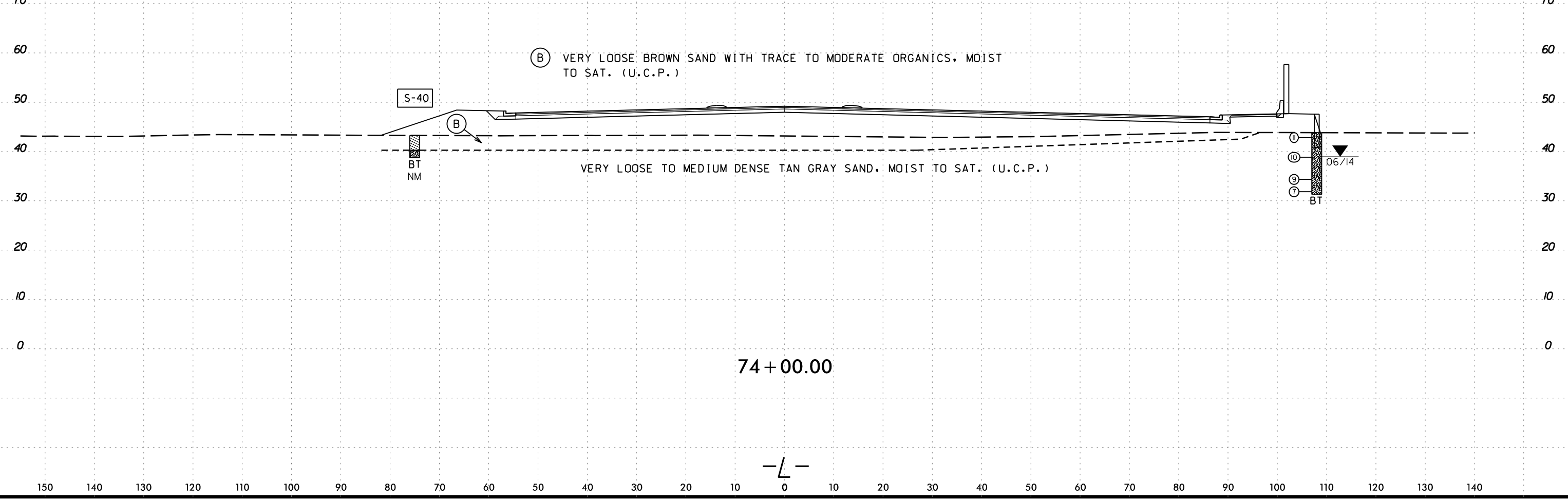
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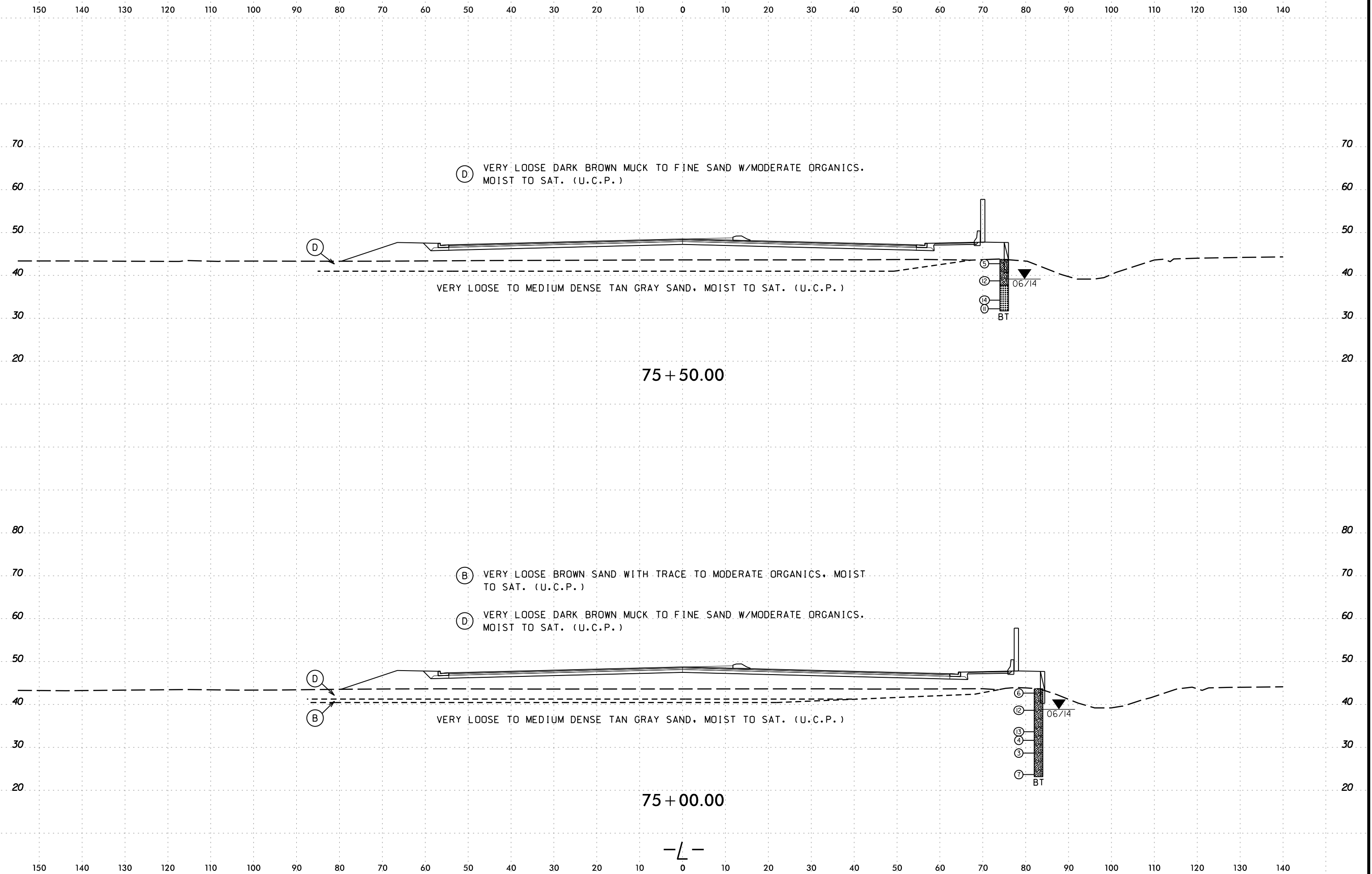


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	40	40	200		
S-40	75 LT	74+00	0.0-3.0	A-2-4(0)	26	NP	32.8	37.0	12.1	18.0	100	89	34	-	7.4



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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.)

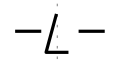
75 + 50.00

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

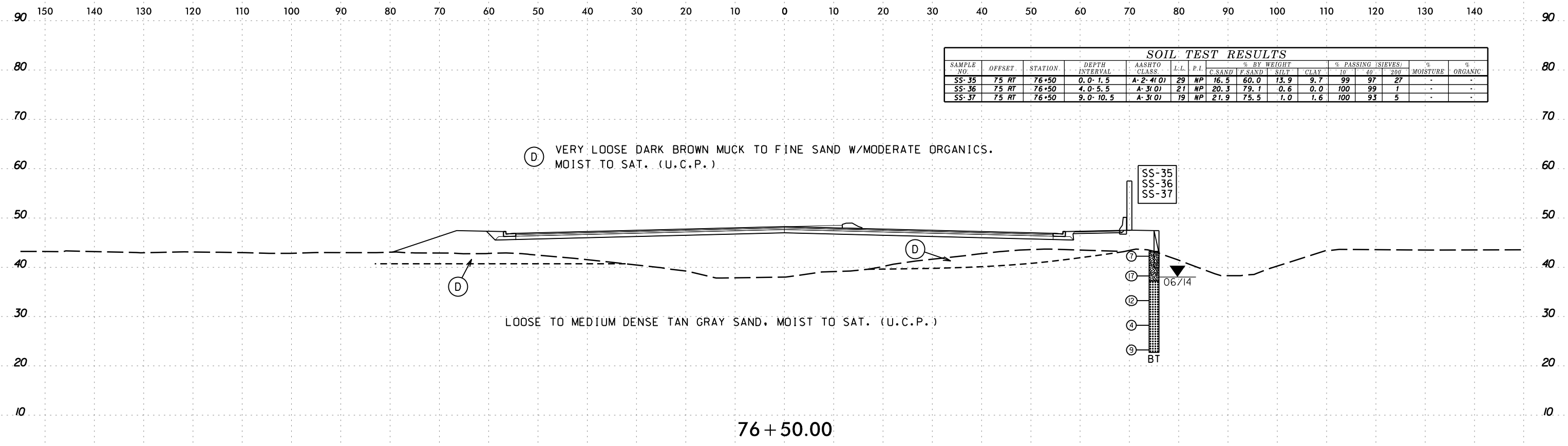
(D) VERY LOOSE DARK BROWN MUCK TO FINE SAND W/MODERATE ORGANICS. MOIST TO SAT. (U.C.P.)

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

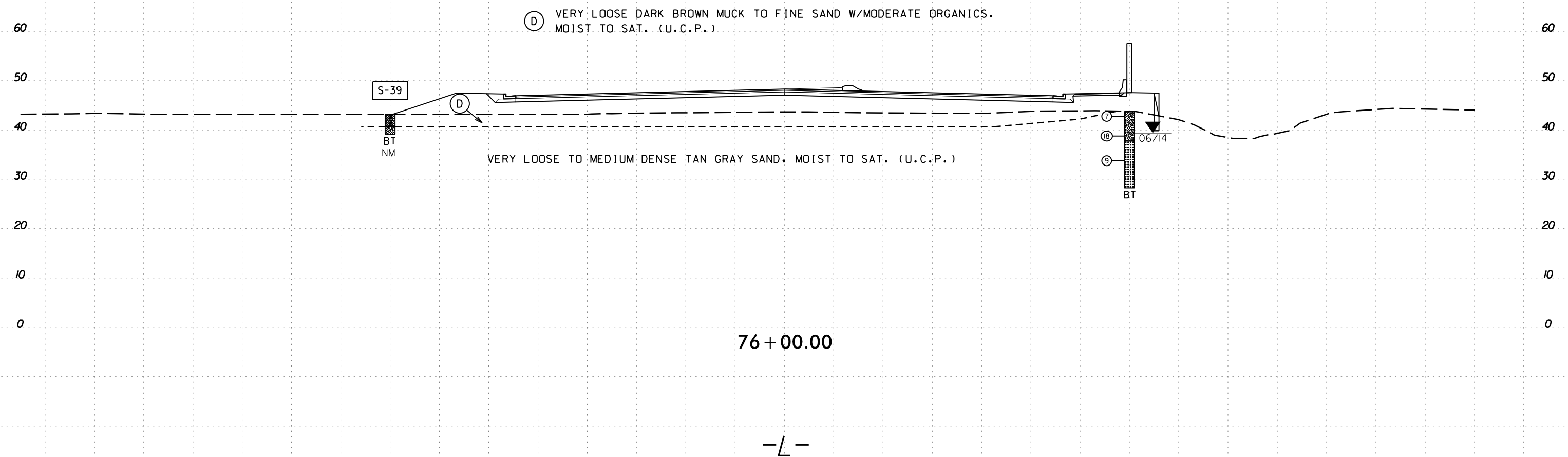
75 + 00.00



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		
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	-	-

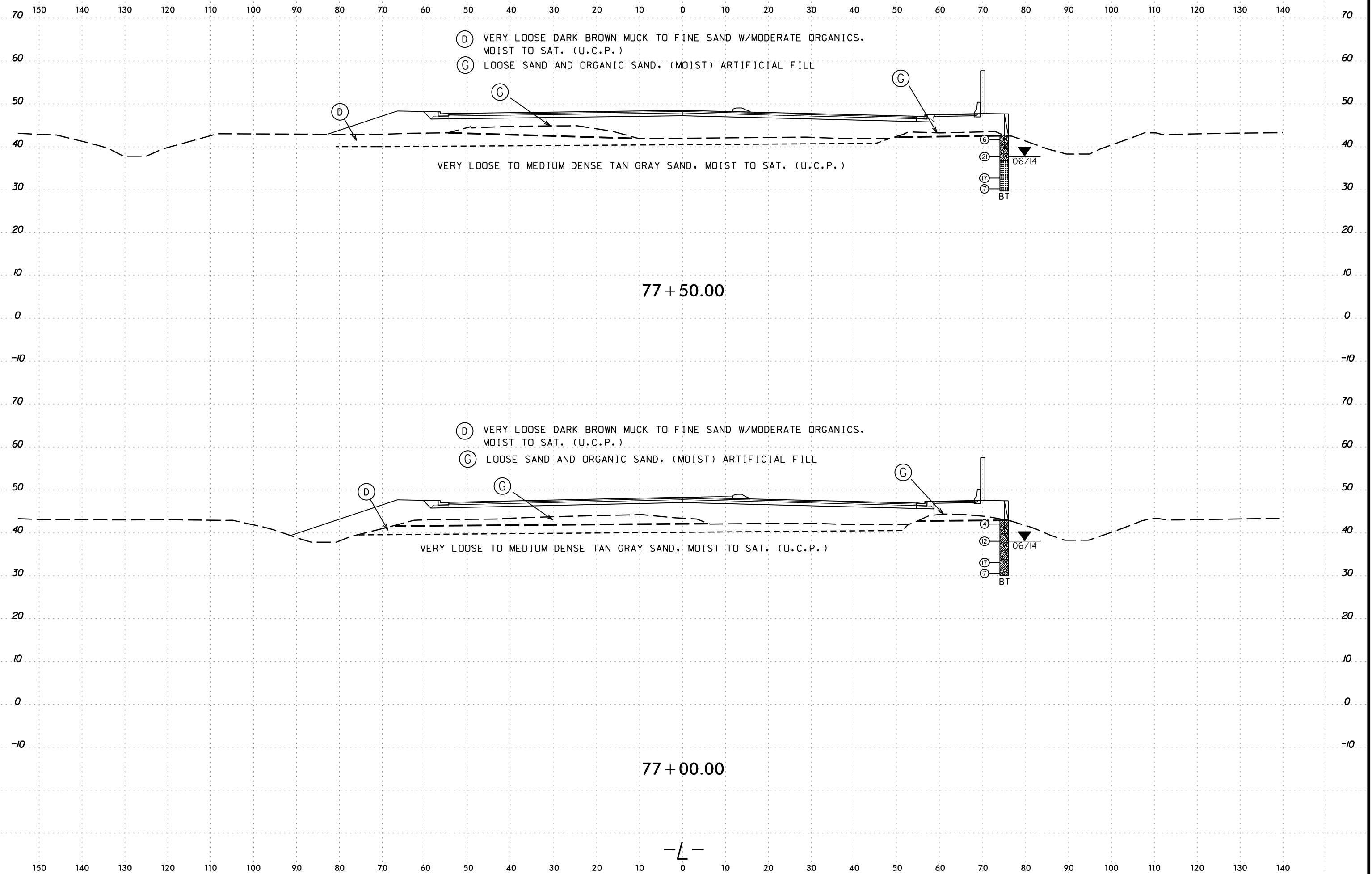


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-39	80 LT	76+00	0.0-2.5	A-2-4(0)	36	NP	41.8	30.0	22.1	6.0	100	83	31	-	10.9



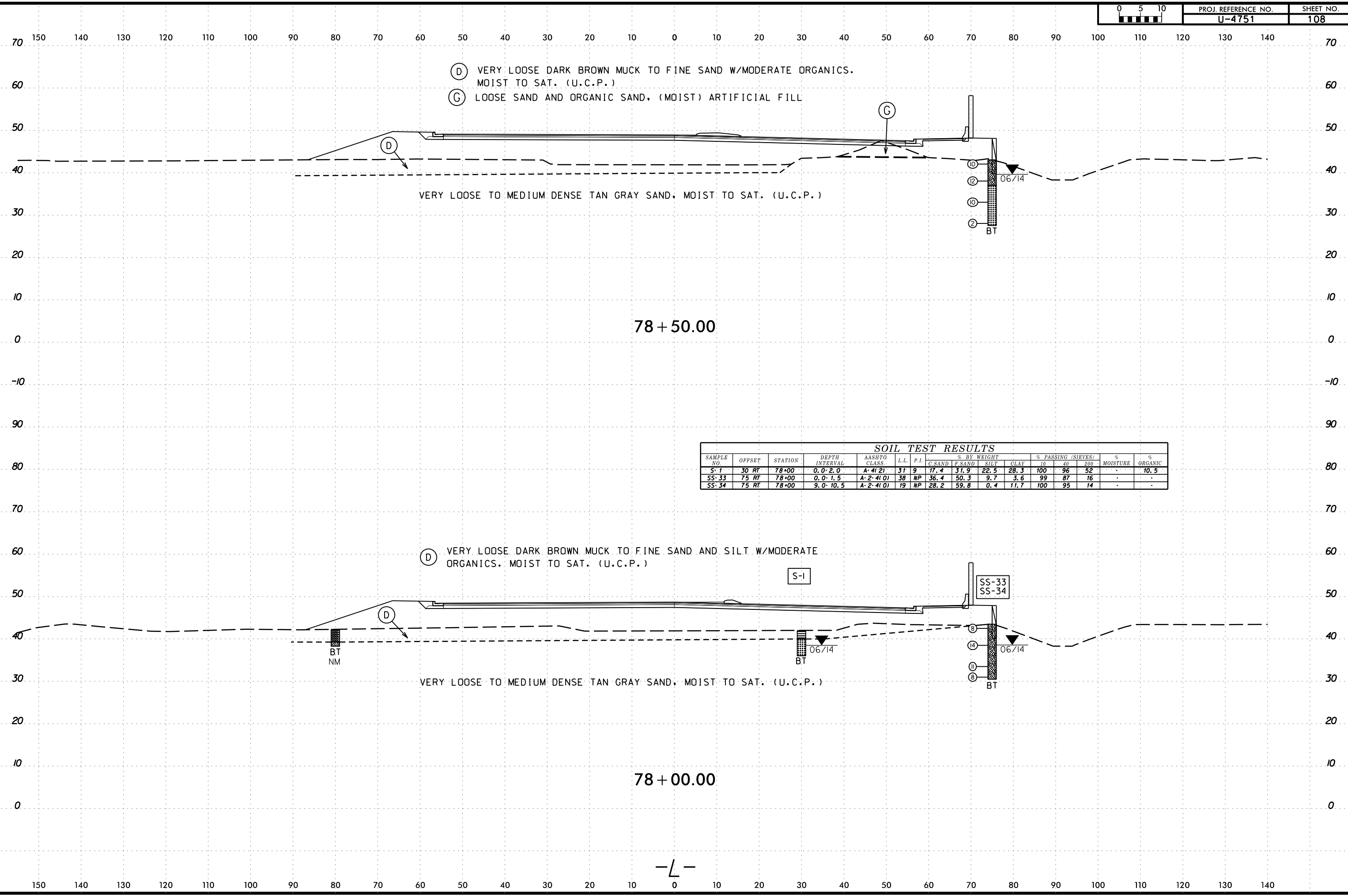
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(D) VERY LOOSE DARK BROWN MUCK TO FINE SAND W/MODERATE ORGANICS. MOIST TO SAT. (U.C.P.)
 (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL

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	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	-	-

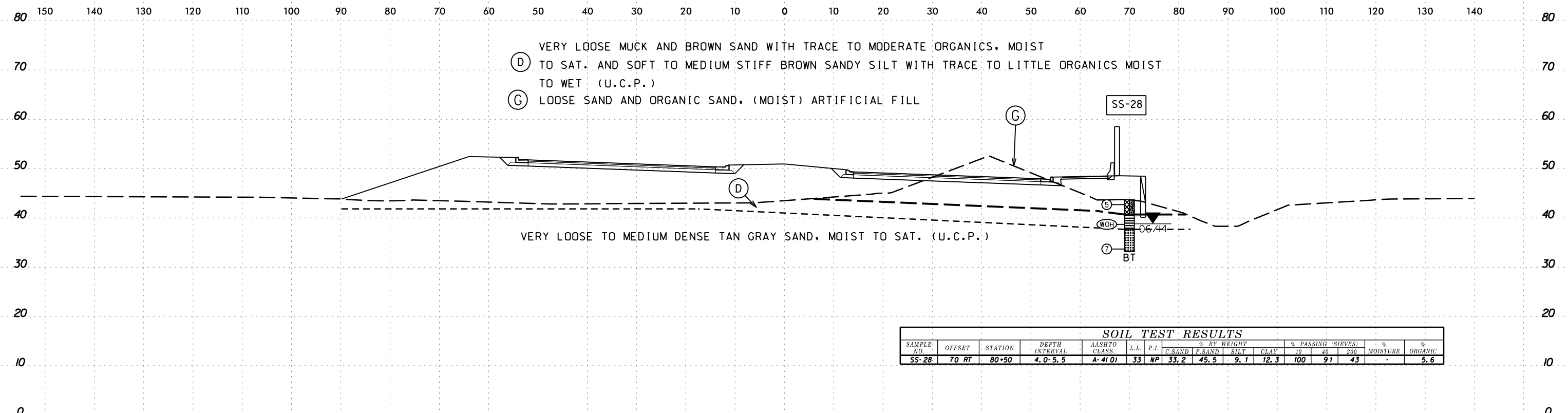
(D) VERY LOOSE DARK BROWN MUCK TO FINE SAND AND SILT W/MODERATE ORGANICS. MOIST TO SAT. (U.C.P.)

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

78 + 00.00

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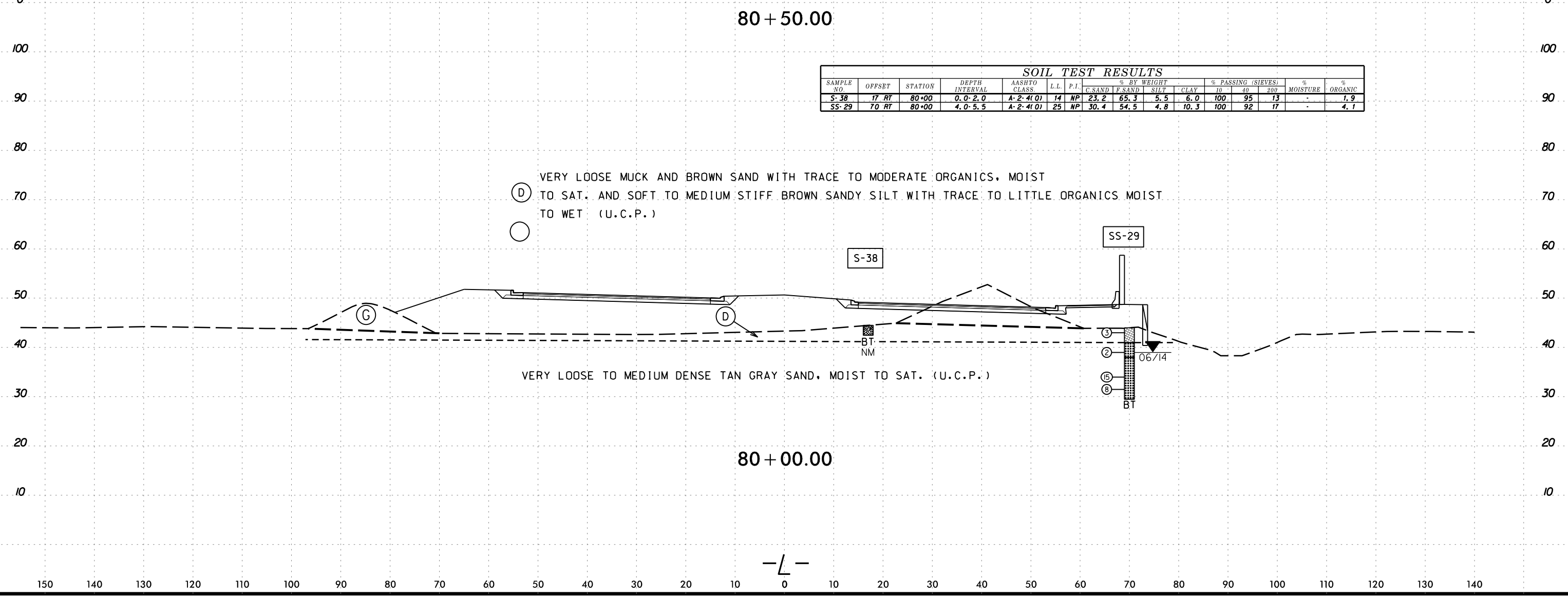


(D) VERY LOOSE MUCK AND BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST
 TO SAT. AND SOFT TO MEDIUM STIFF BROWN SANDY SILT WITH TRACE TO LITTLE ORGANICS MOIST
 TO WET (U.C.P.)
 (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL

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

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



(D) VERY LOOSE MUCK AND BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST
 TO SAT. AND SOFT TO MEDIUM STIFF BROWN SANDY SILT WITH TRACE TO LITTLE ORGANICS MOIST
 TO WET (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.)

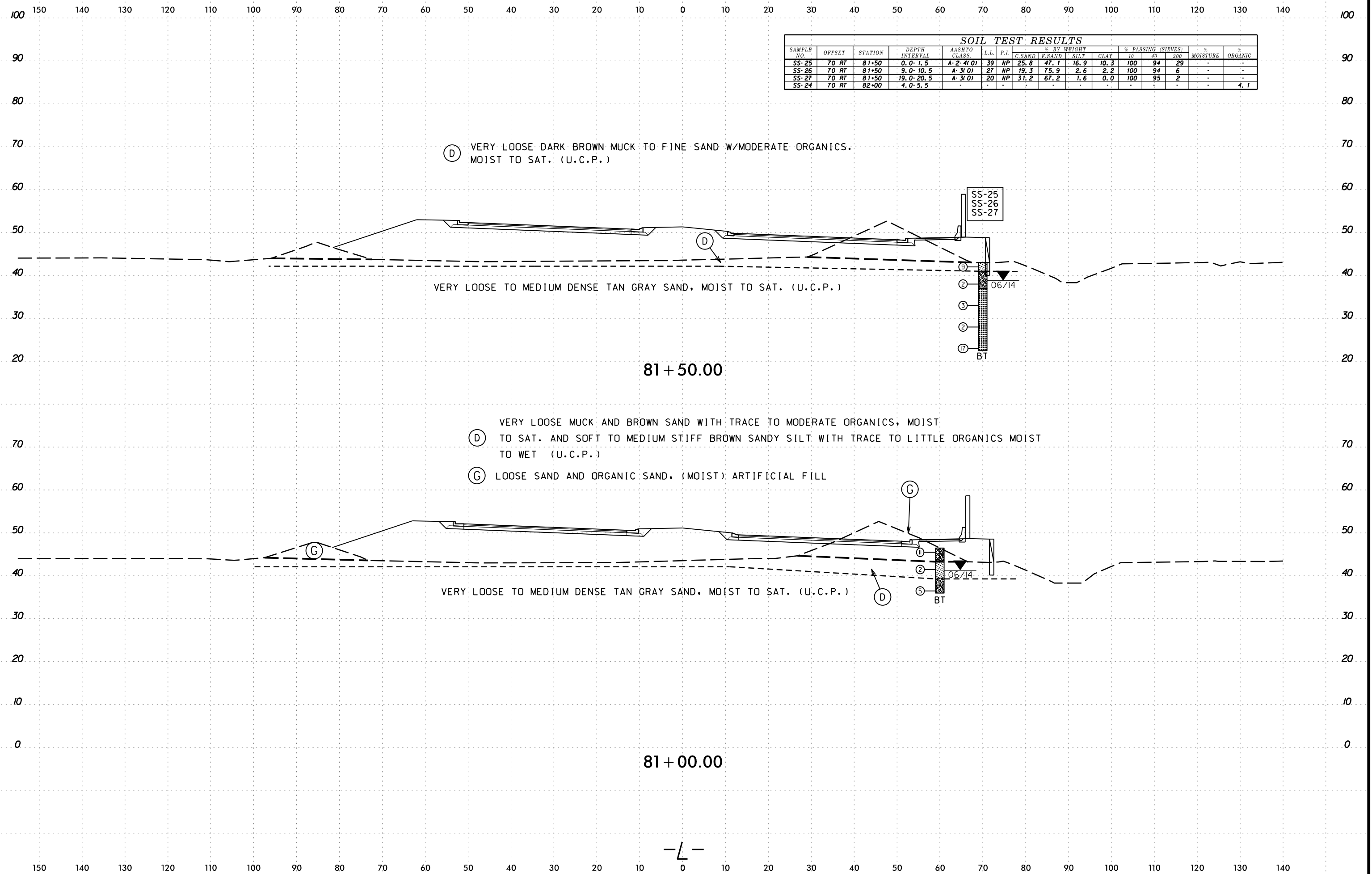
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SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-38	17 RT	80+00	0.0-2.0	A-2-4(0)	14	NP	23.2	65.3	5.5	6.0	100	95	13	-	1.9
SS-29	70 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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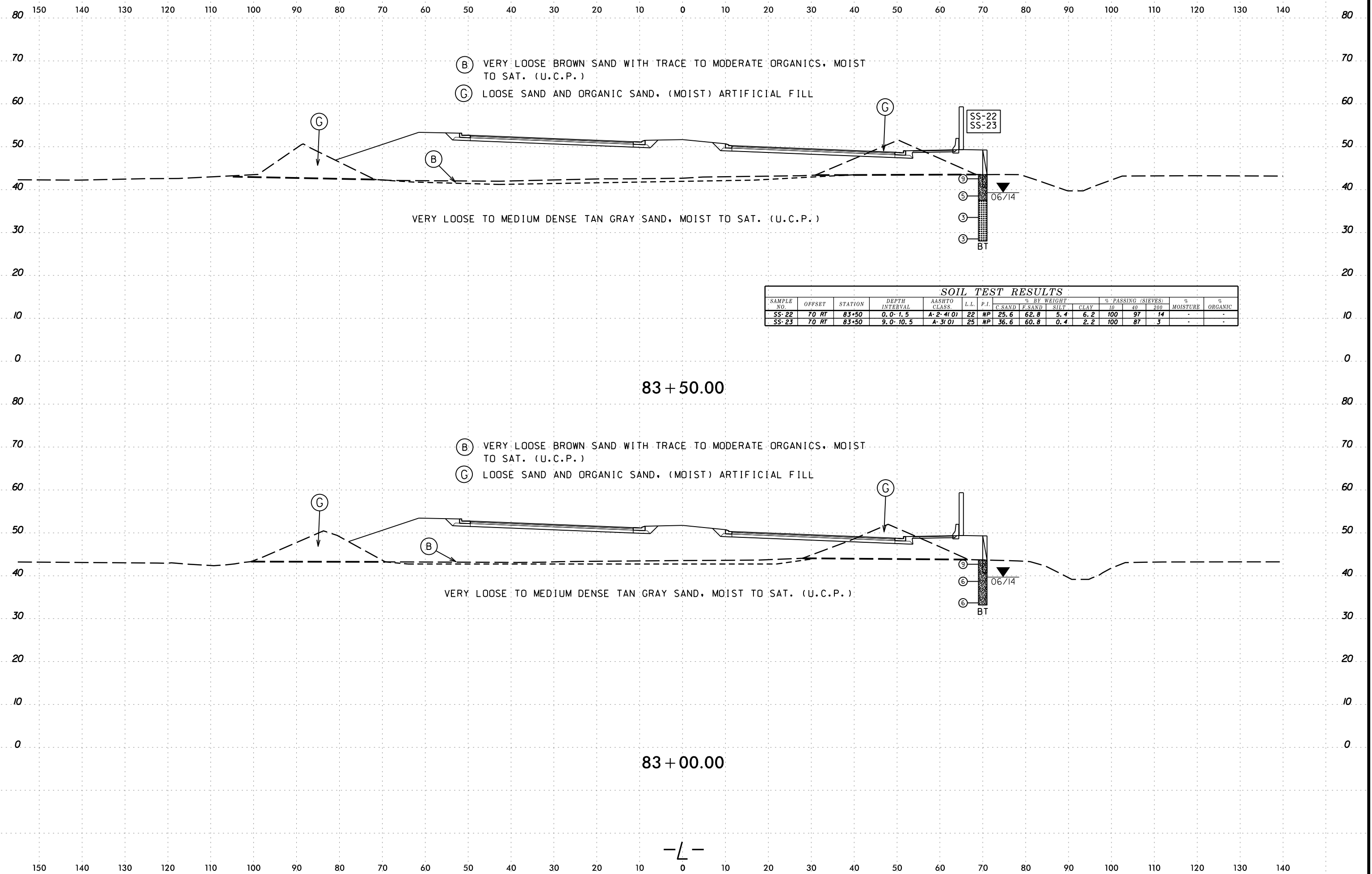
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							G.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-25	70 RT	81+50	0.0-1.5	A-2-4(0)	39	NP	25.8	47.1	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

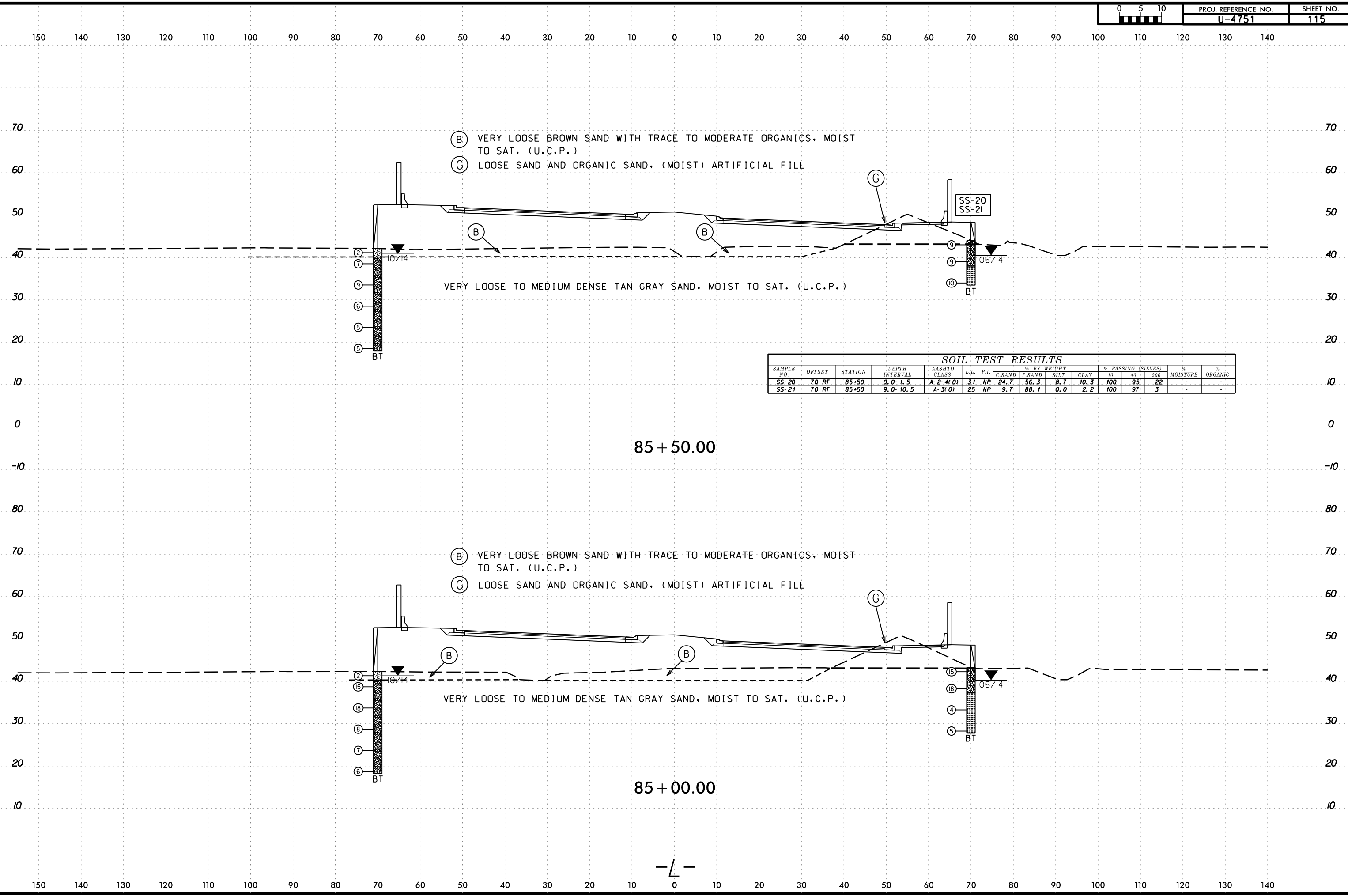


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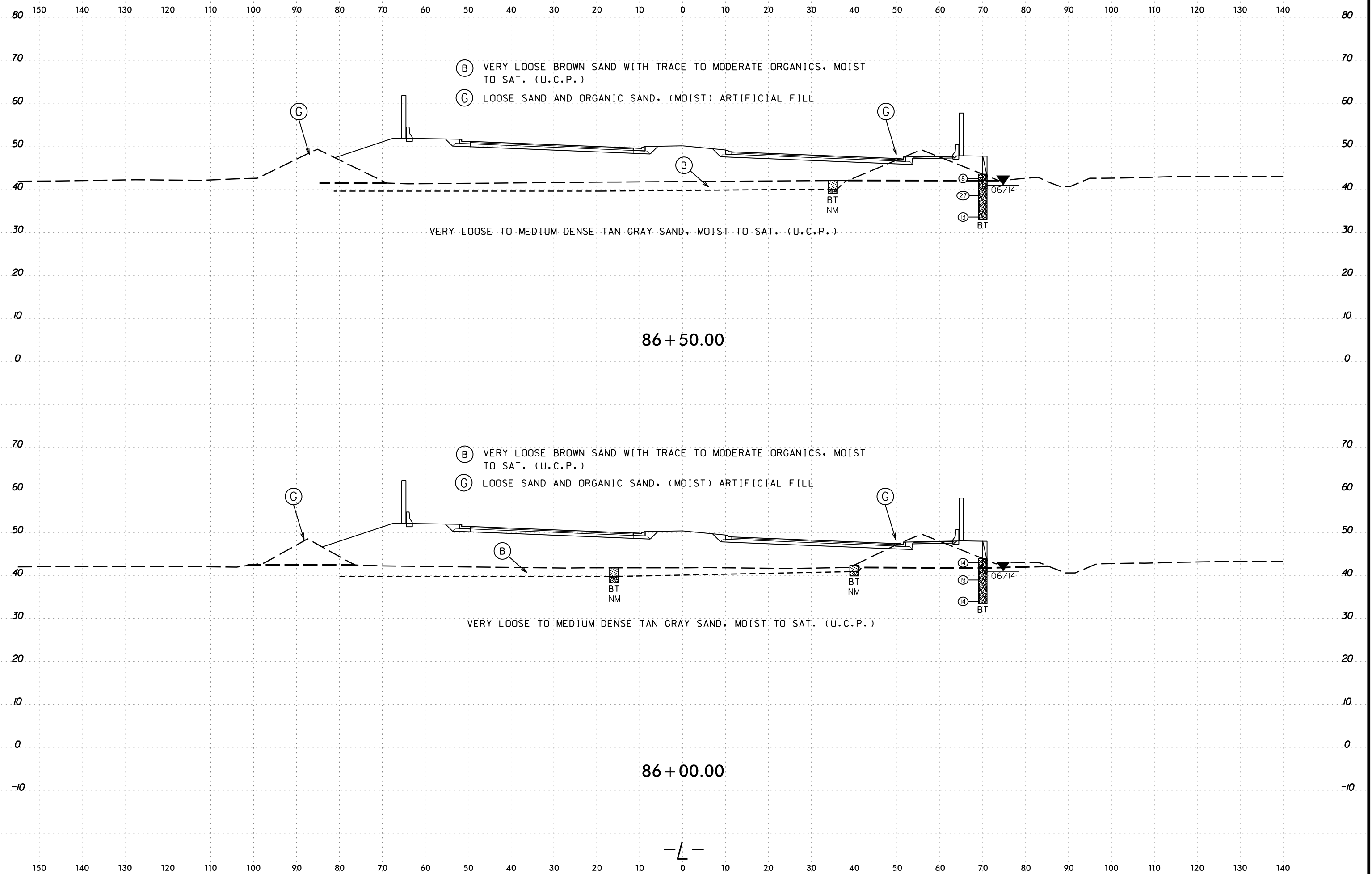
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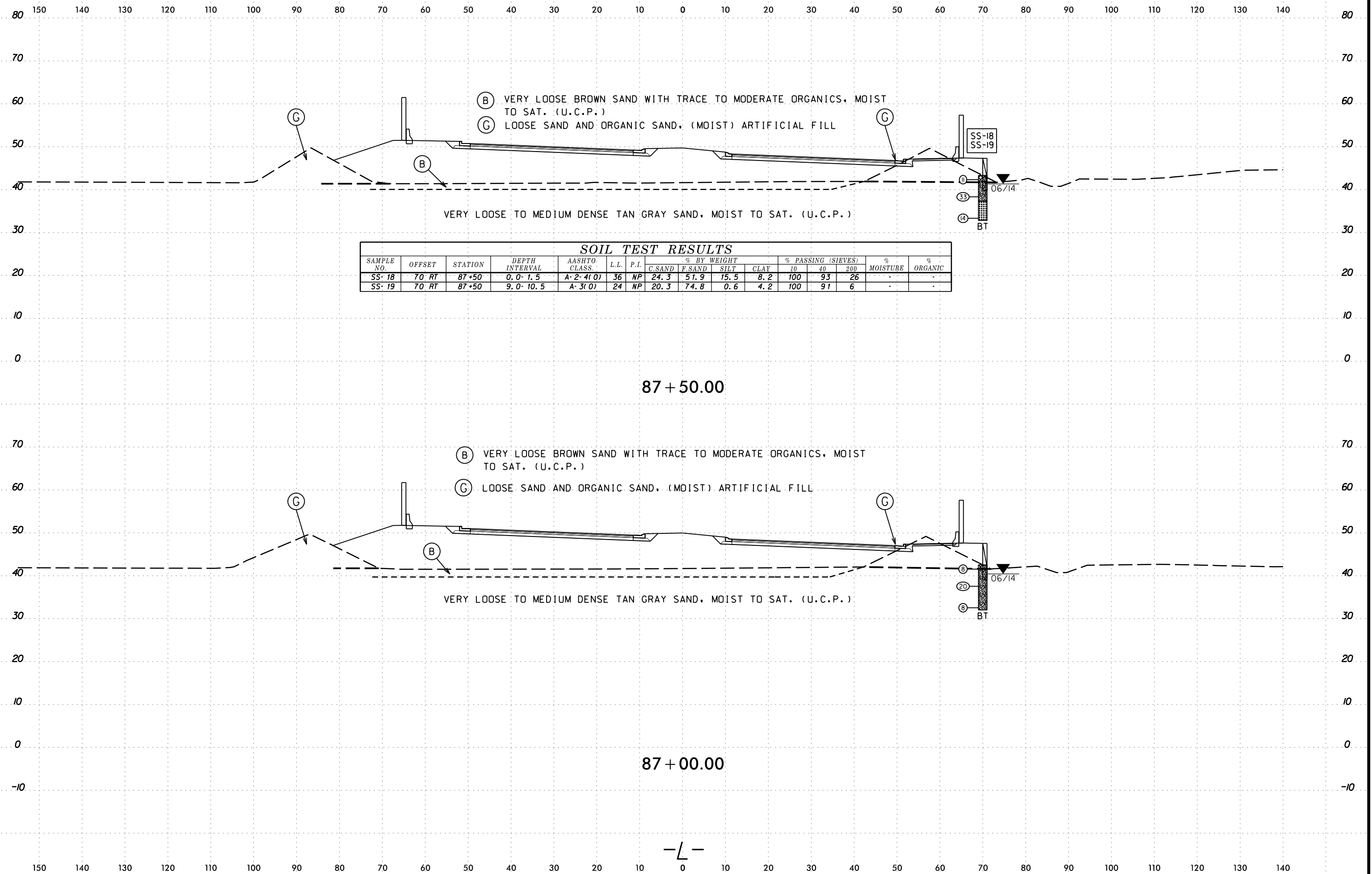
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40		
SS-20	70 RT	85+50	0.0-1.5	A-2-4(0)	31	NP	24.7	56.3	8.7	10.3	100	95	22	-
SS-21	70 RT	85+50	9.0-10.5	A-3(0)	25	NP	9.7	88.1	0.0	2.2	100	97	3	-

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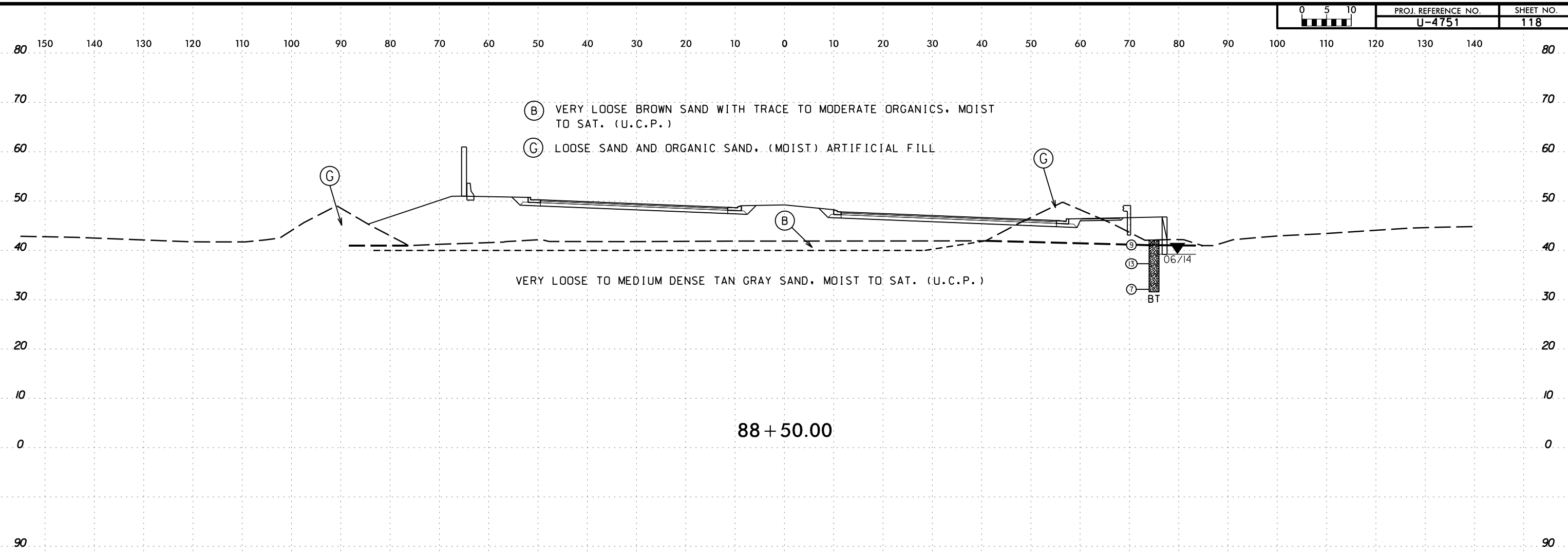
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-18	70 RT	87+50	0.0-1.5	A-2-4(0)	36	NP	24.3	51.9	15.5	8.2	100	93	26	-	-
SS-19	70 RT	87+50	9.0-10.5	A-3(0)	24	NP	20.3	74.8	0.6	4.2	100	91	6	-	-

87 + 50.00

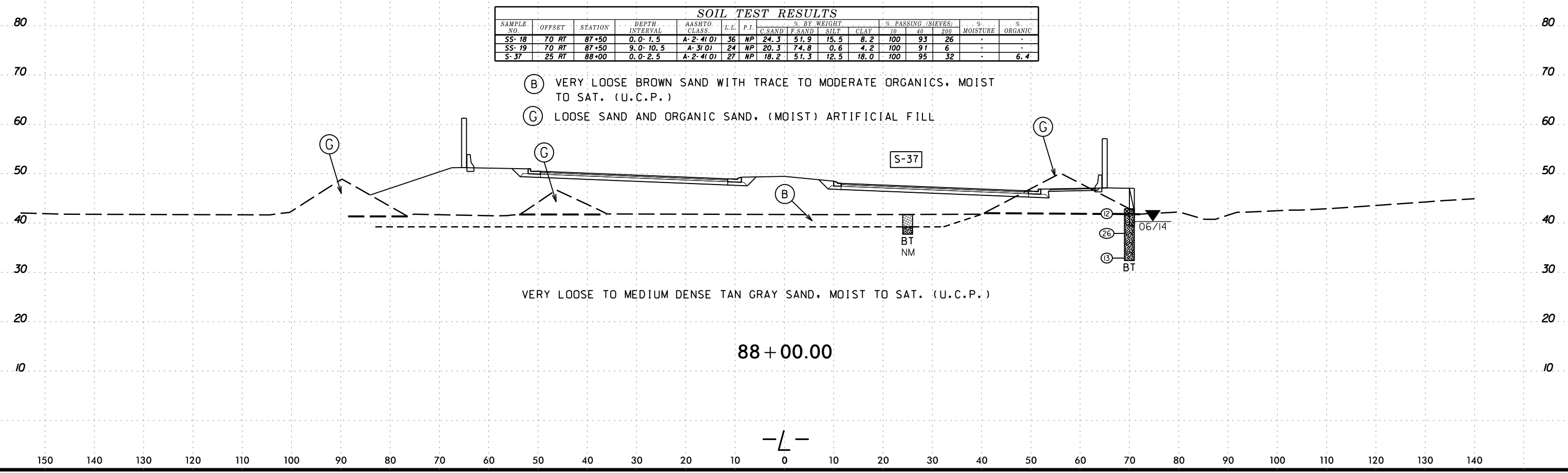
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SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
SS-18	70 RT	87+50	0.0-1.5	A-2-4(0)	36	NP	24.3	51.9	15.5	8.2	100	93	26	-	-
SS-19	70 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

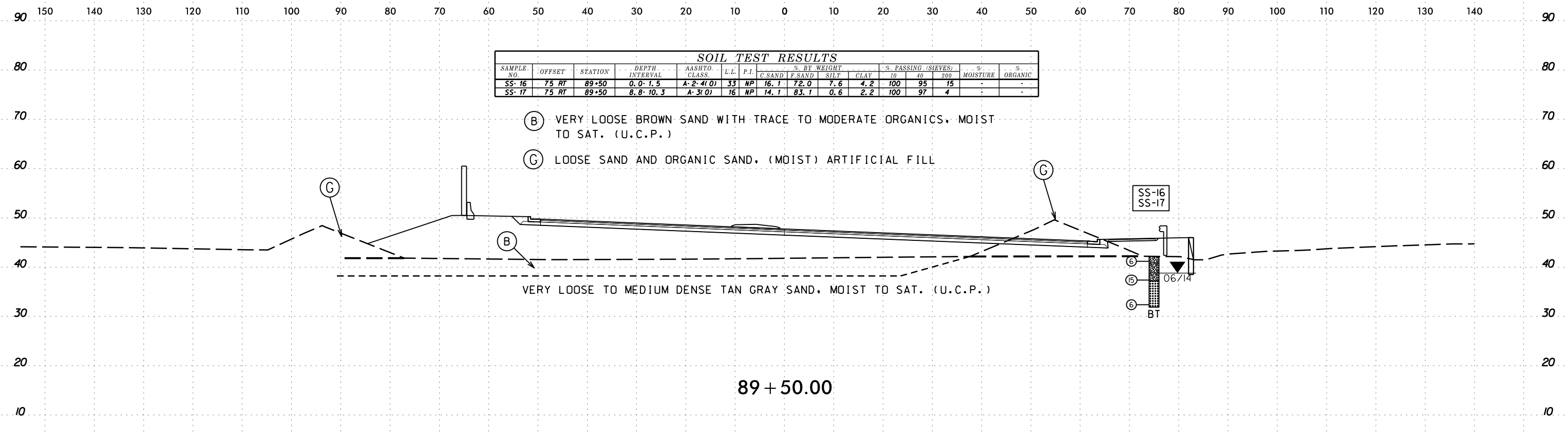


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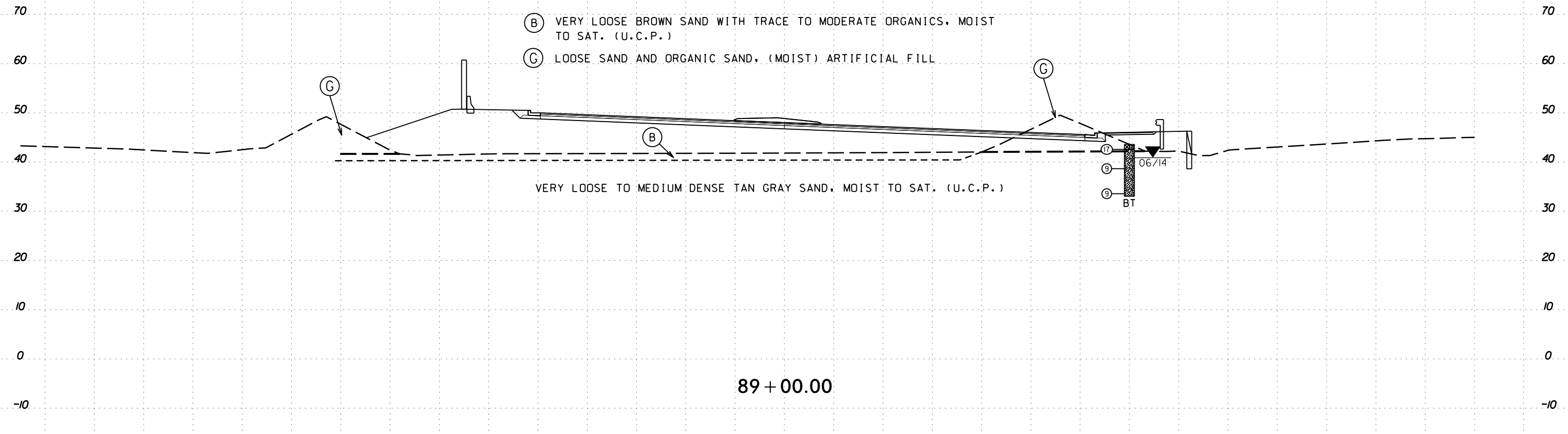
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SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
SS-16	75 RT	89+50	0.0-1.5	A-2-4(0)	33	NP	C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-16	75 RT	89+50	0.0-1.5	A-2-4(0)	33	NP	16.1	72.0	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

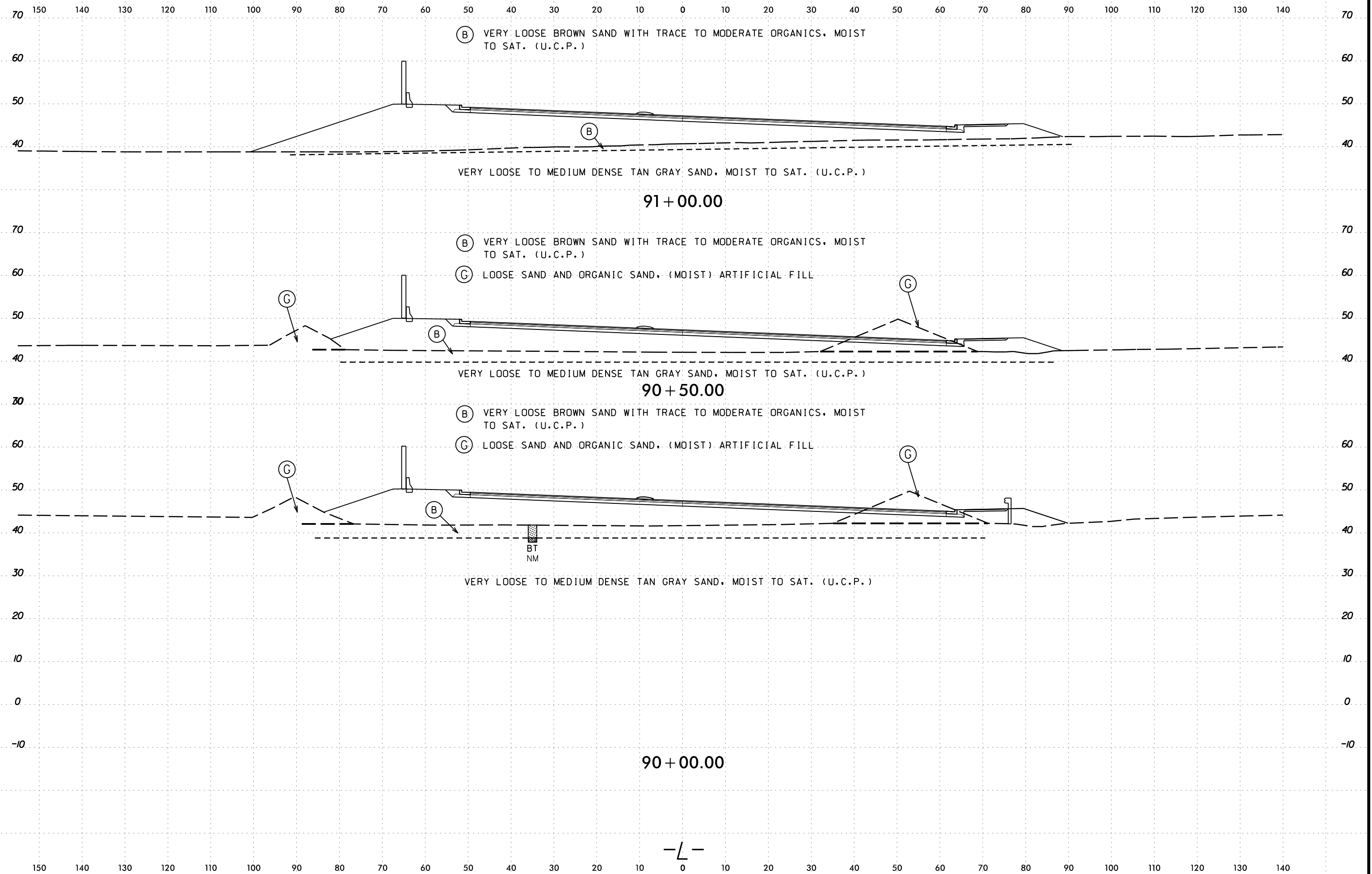
- (B) VERY LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)
- (G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL



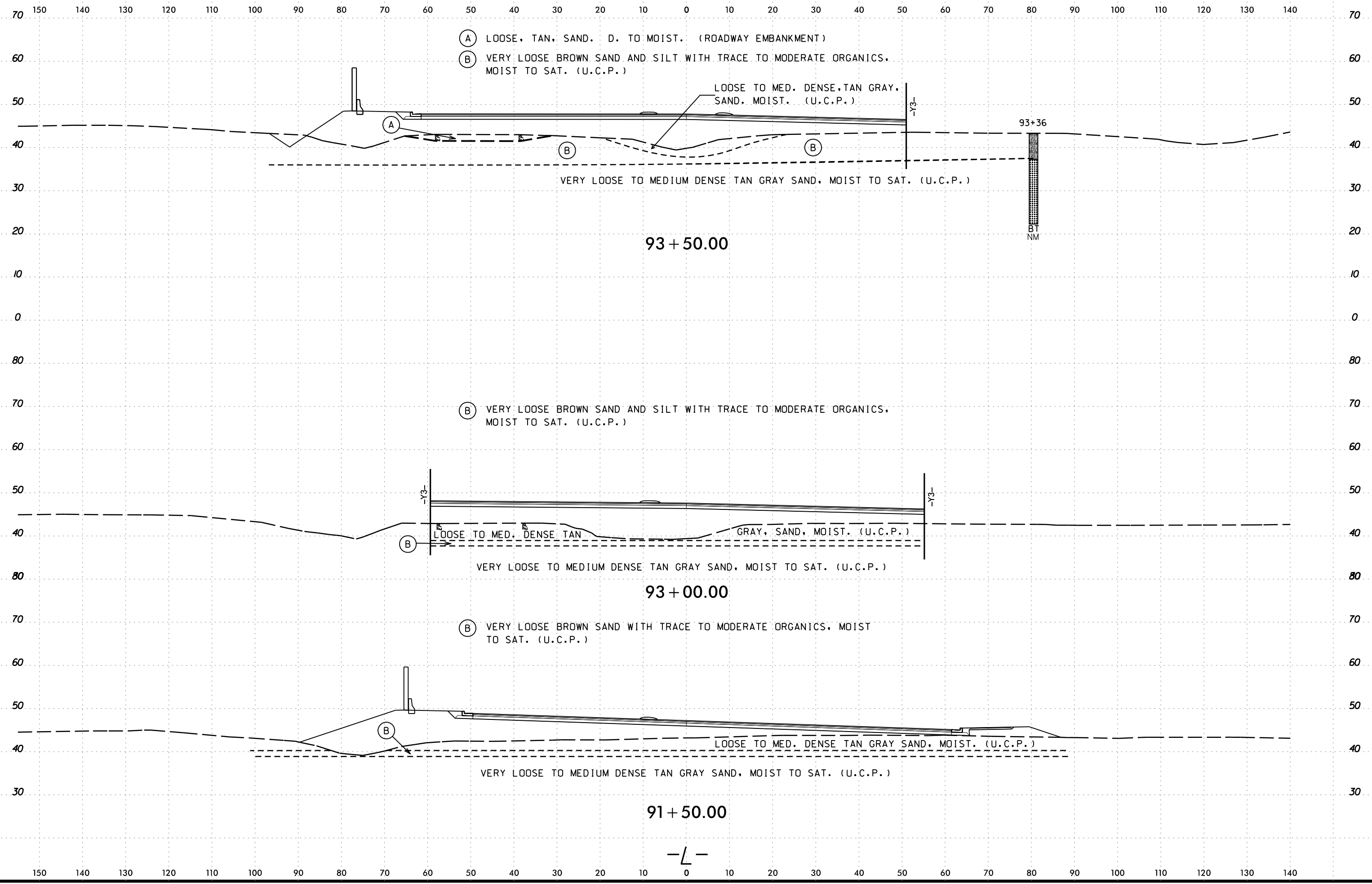
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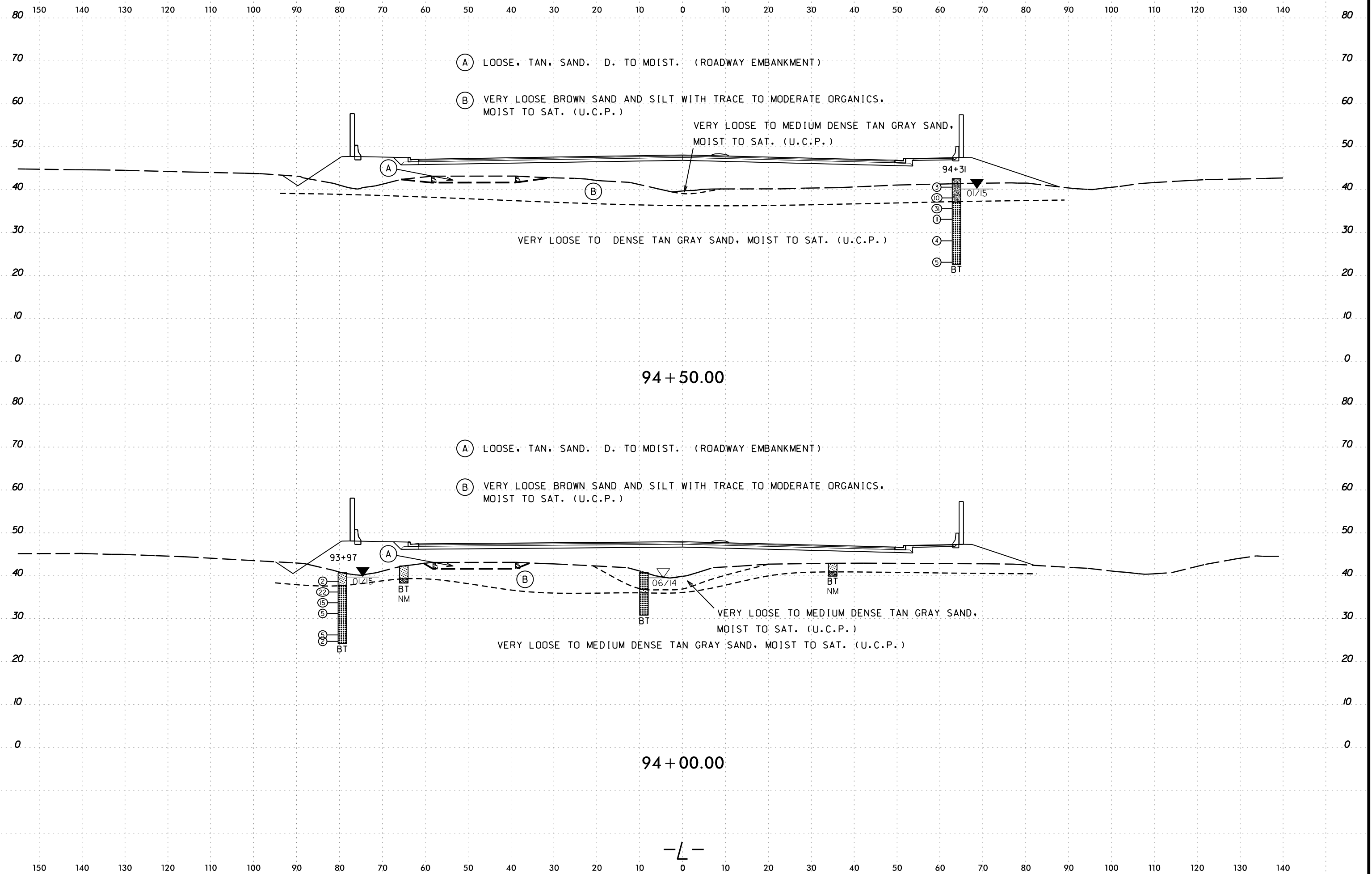
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dmcpherson



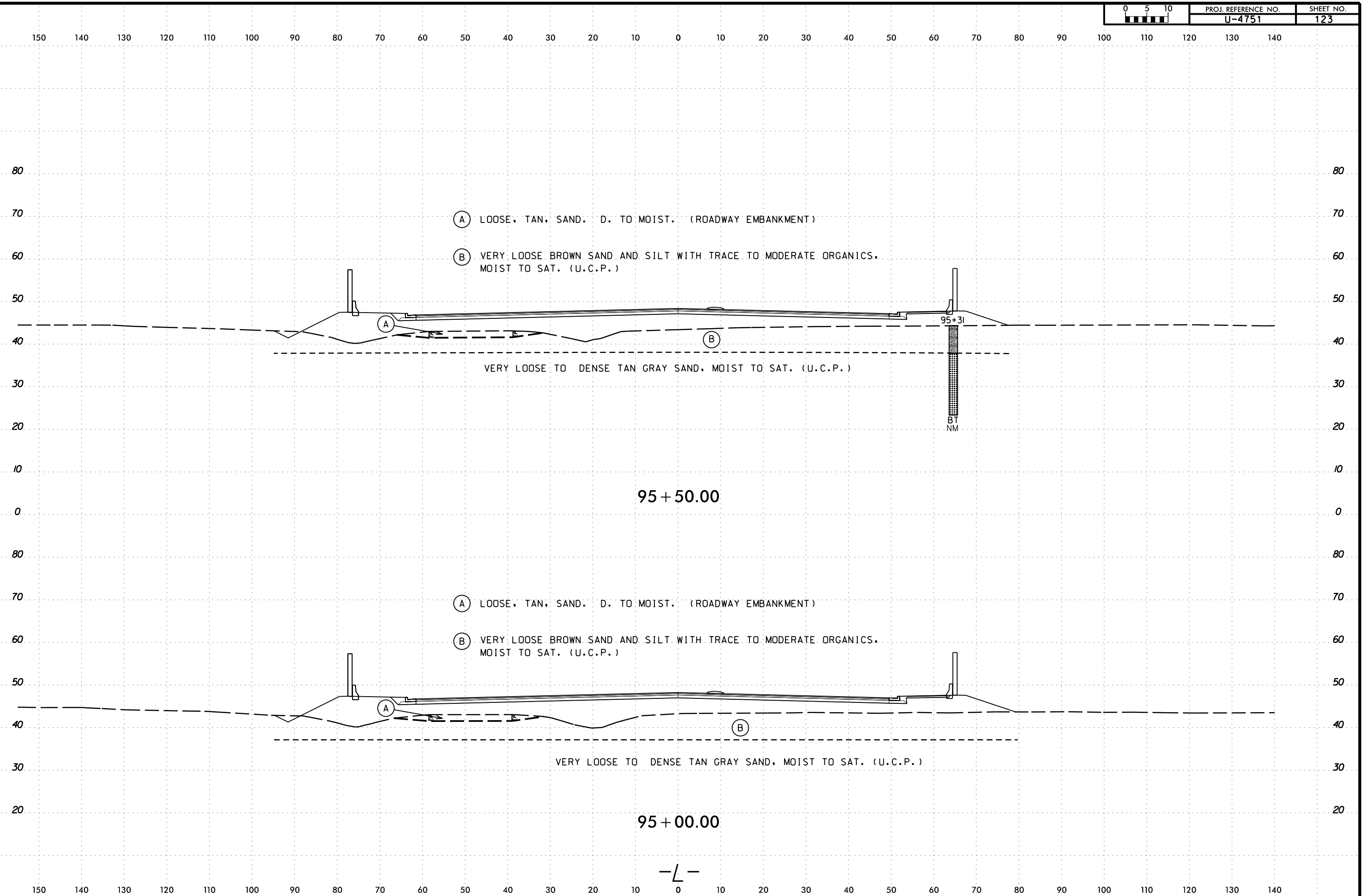
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(A) LOOSE, TAN, SAND, D. TO MOIST. (ROADWAY EMBANKMENT)

(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)

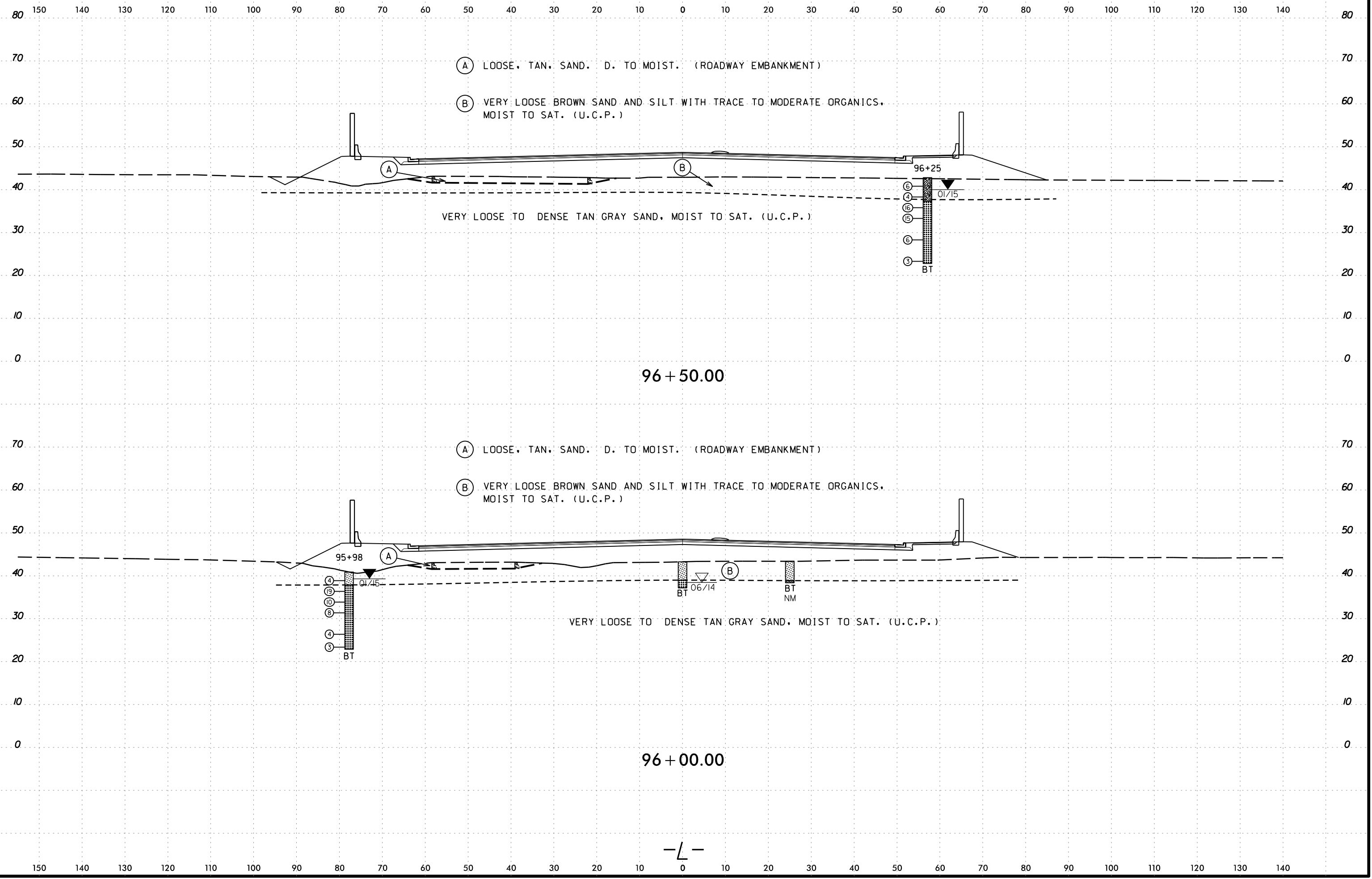
(B) VERY LOOSE BROWN SAND AND SILT WITH TRACE TO MODERATE ORGANICS, MOIST TO SAT. (U.C.P.)

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

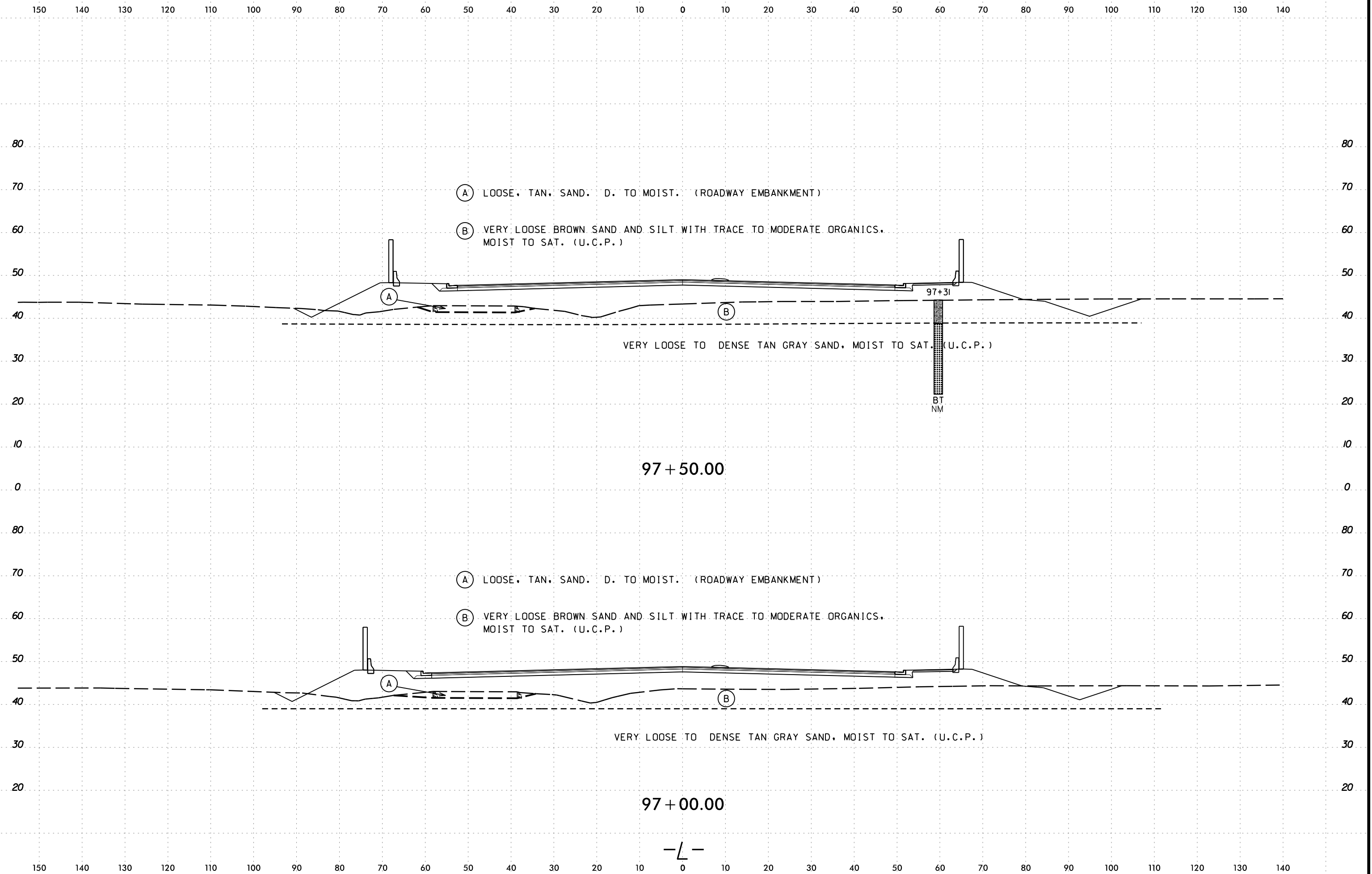
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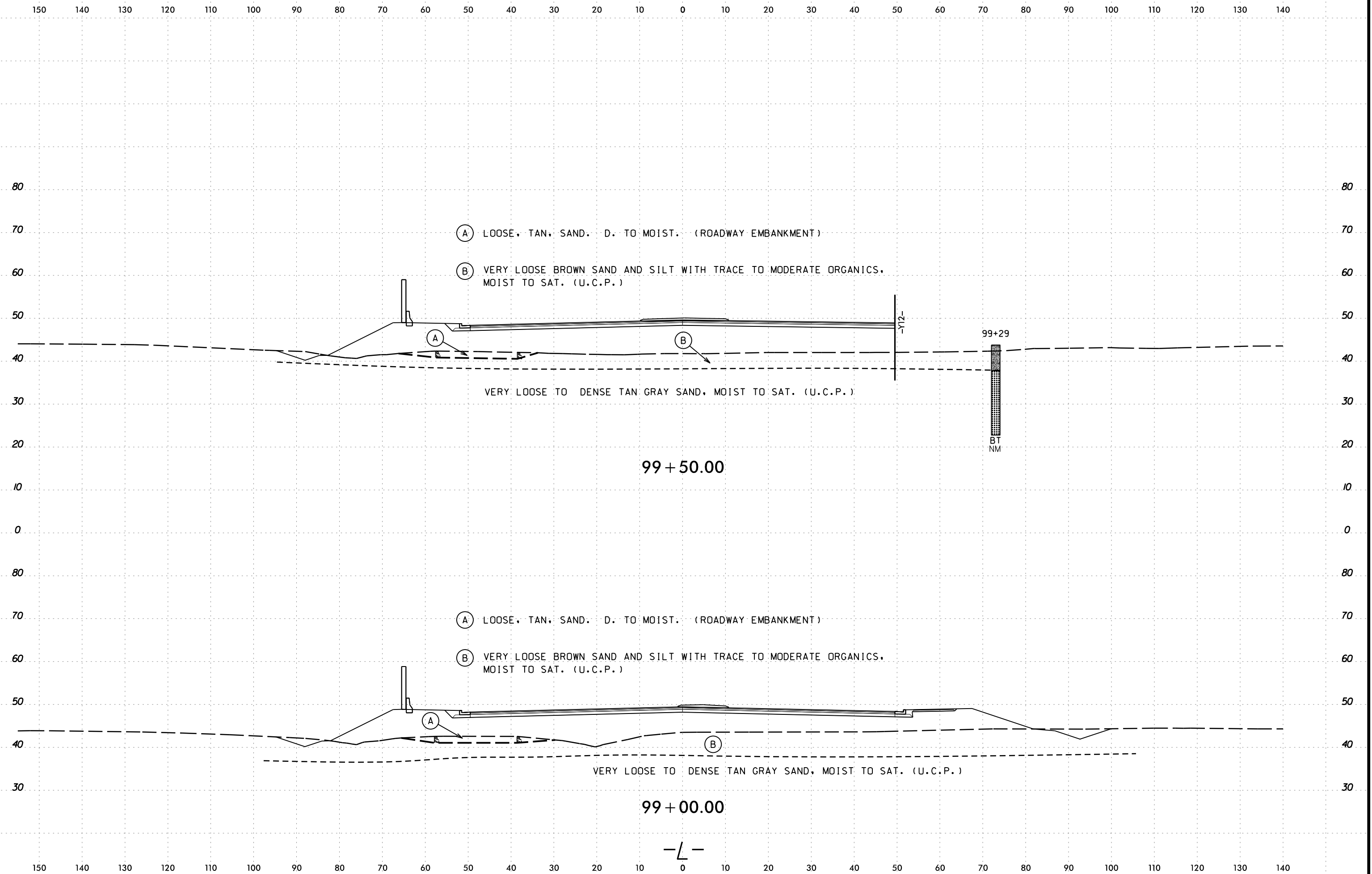
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AT DICKERSON



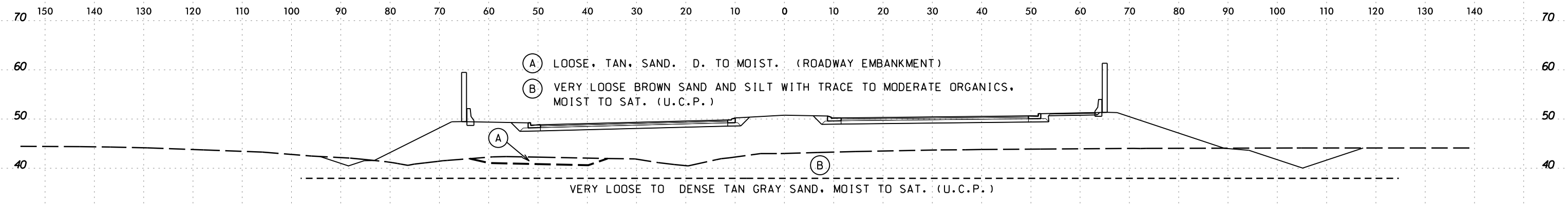
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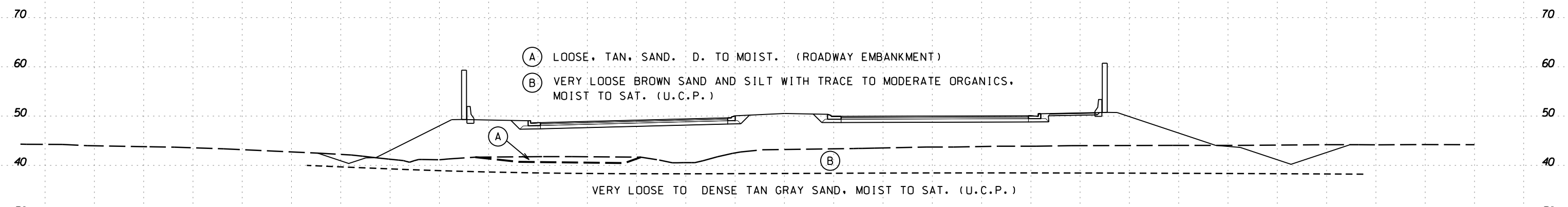
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AT DICKERSON



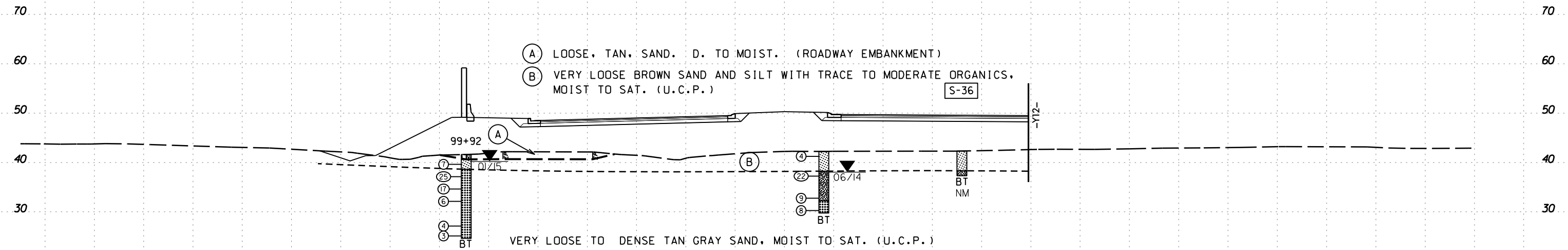
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101 + 00.00



100 + 50.00

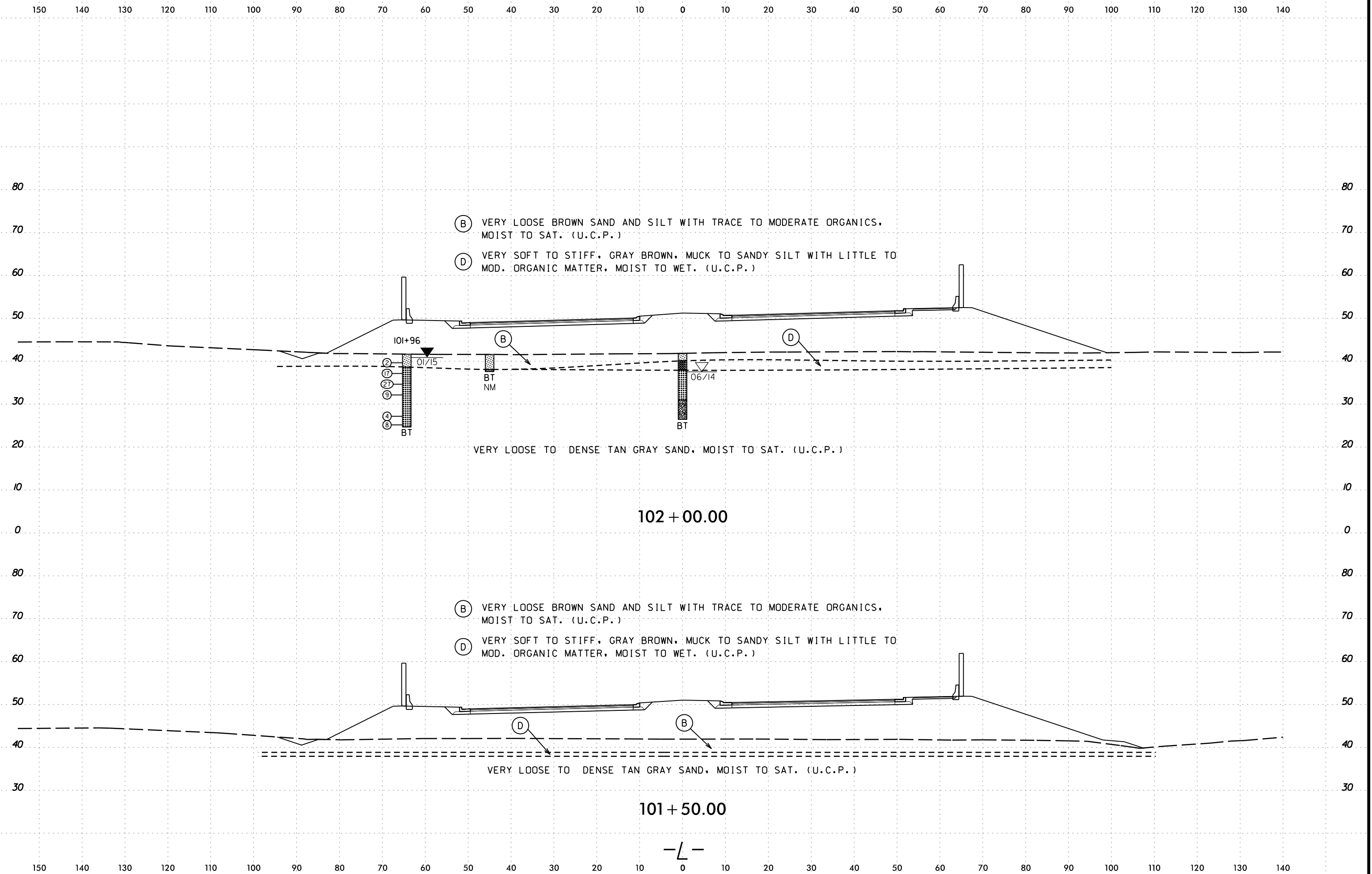


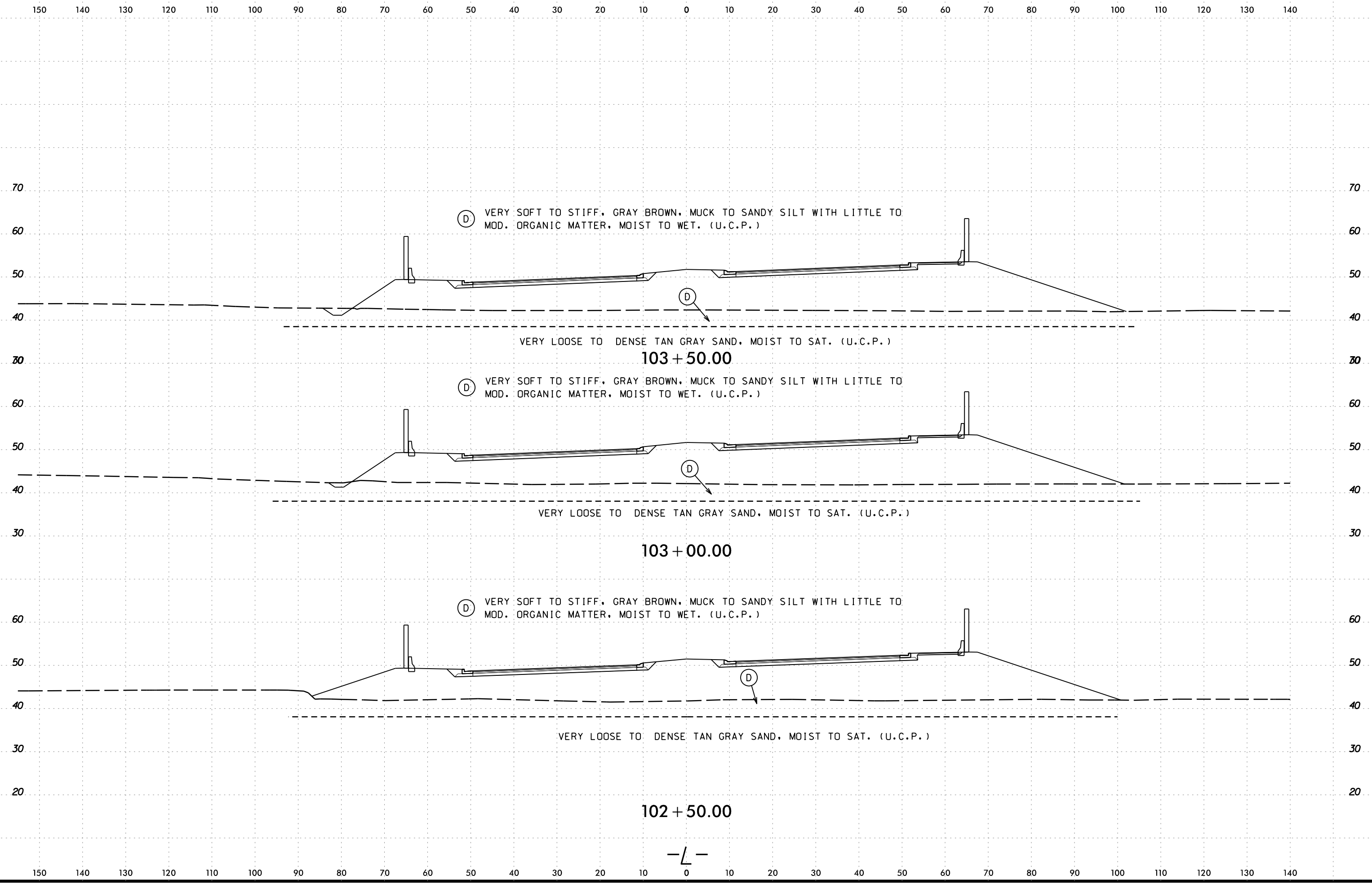
SOIL TEST RESULTS

100 + 00.00

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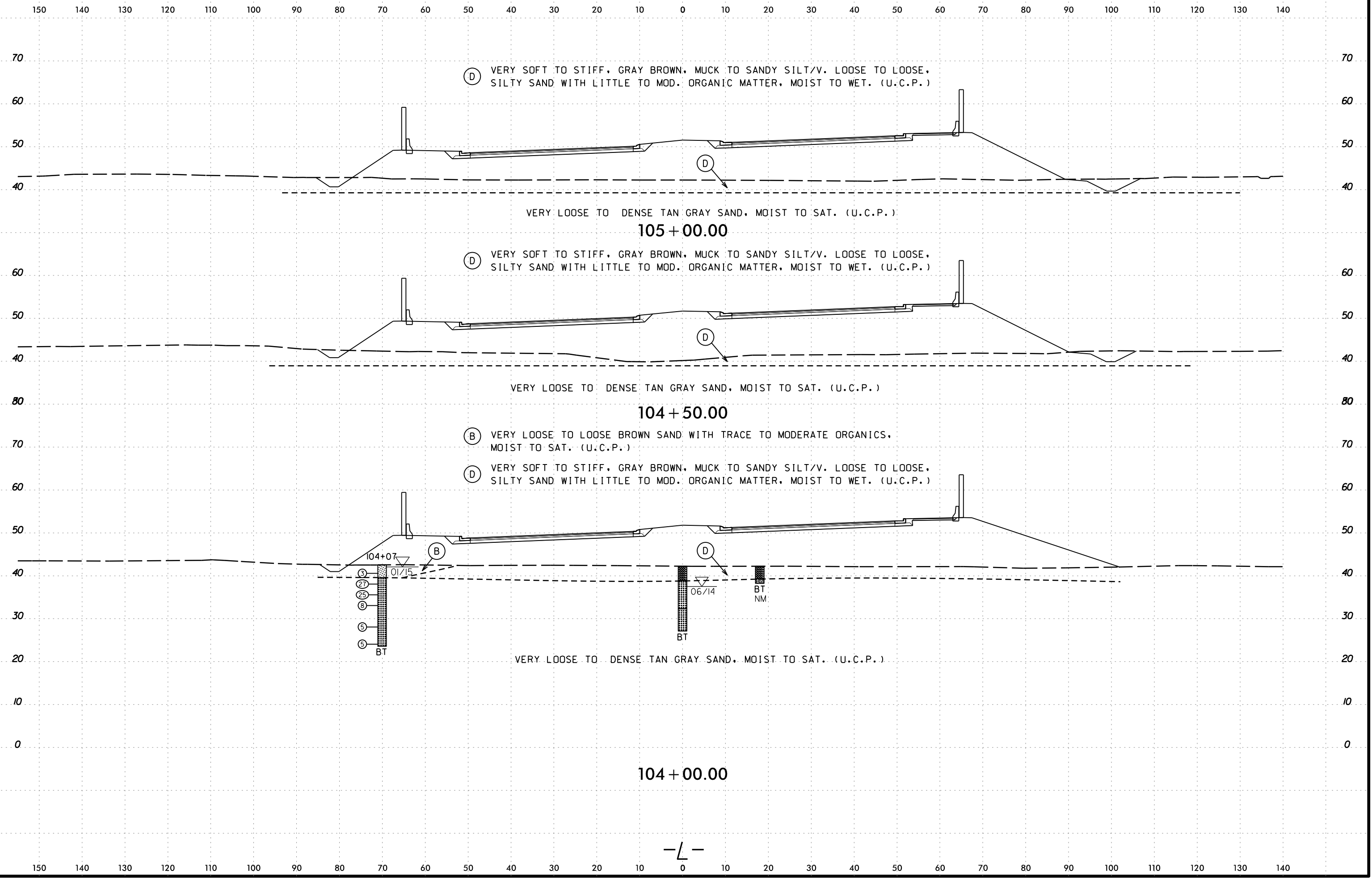
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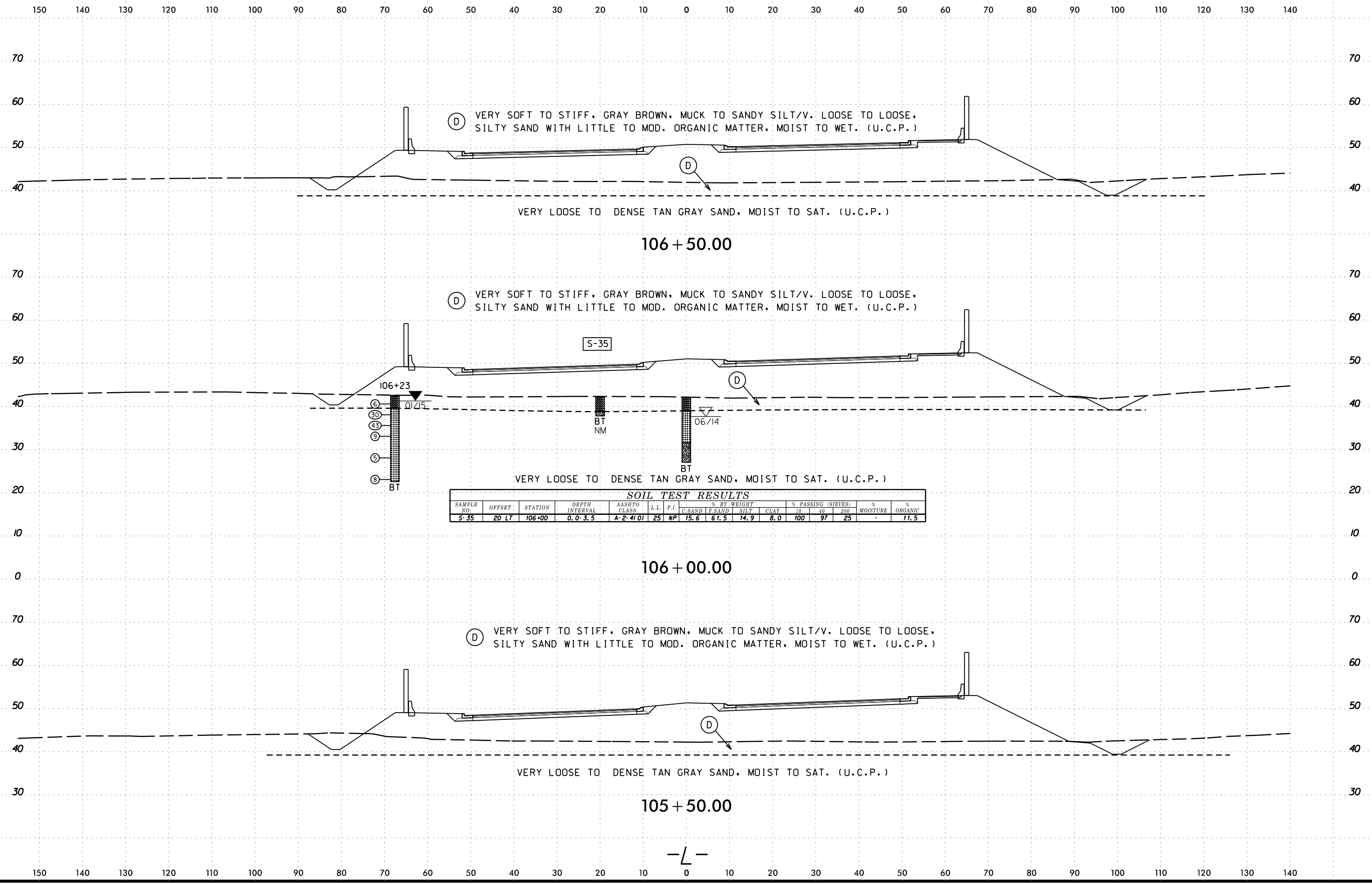


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(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE,
 SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

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.)

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

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.)

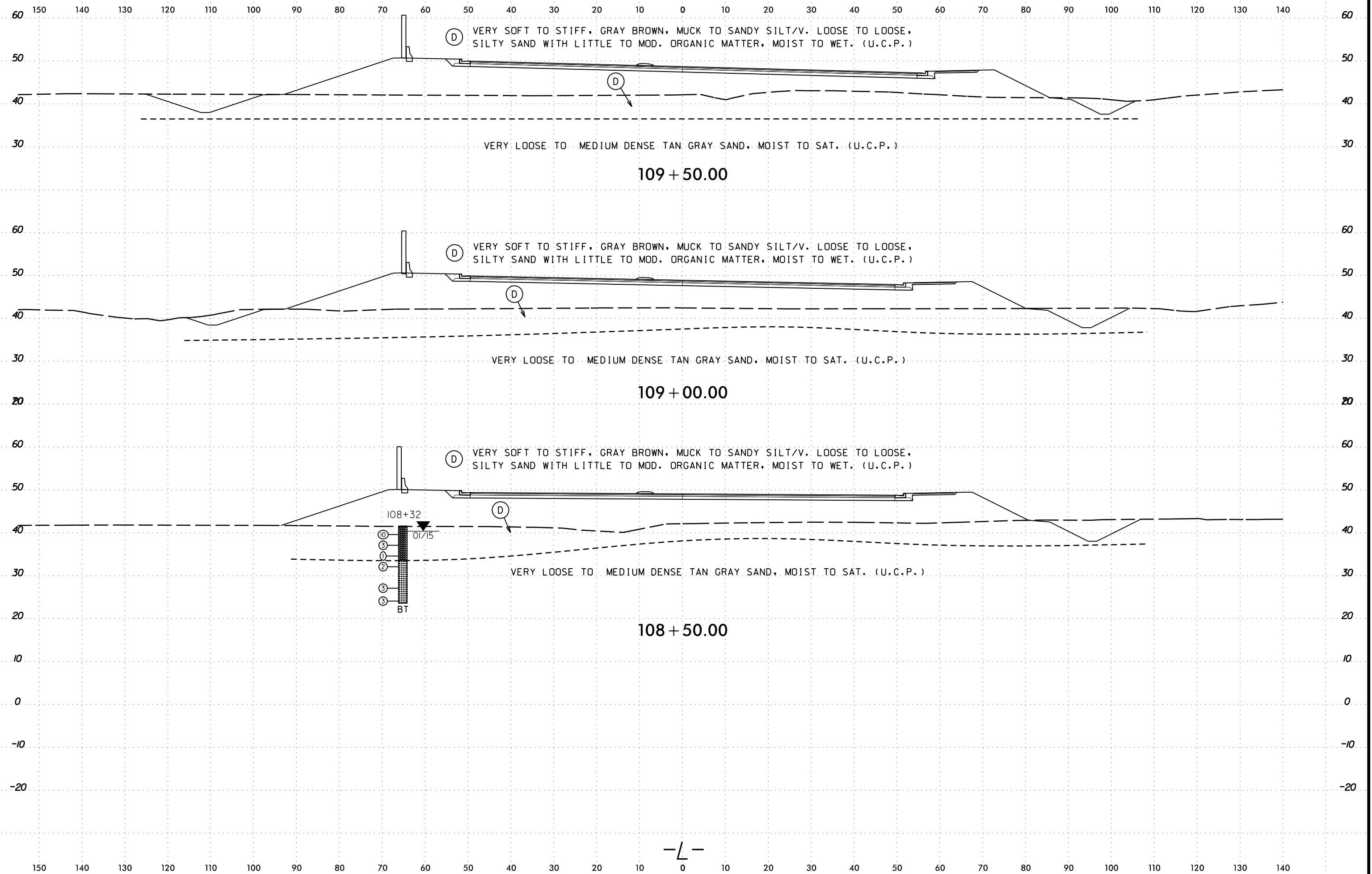
VERY LOOSE TO DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

105 + 50.00

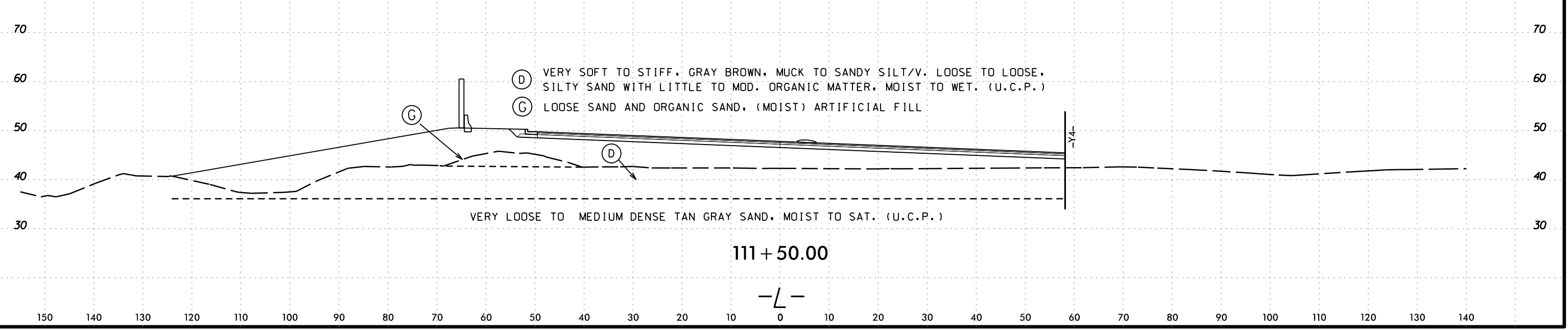
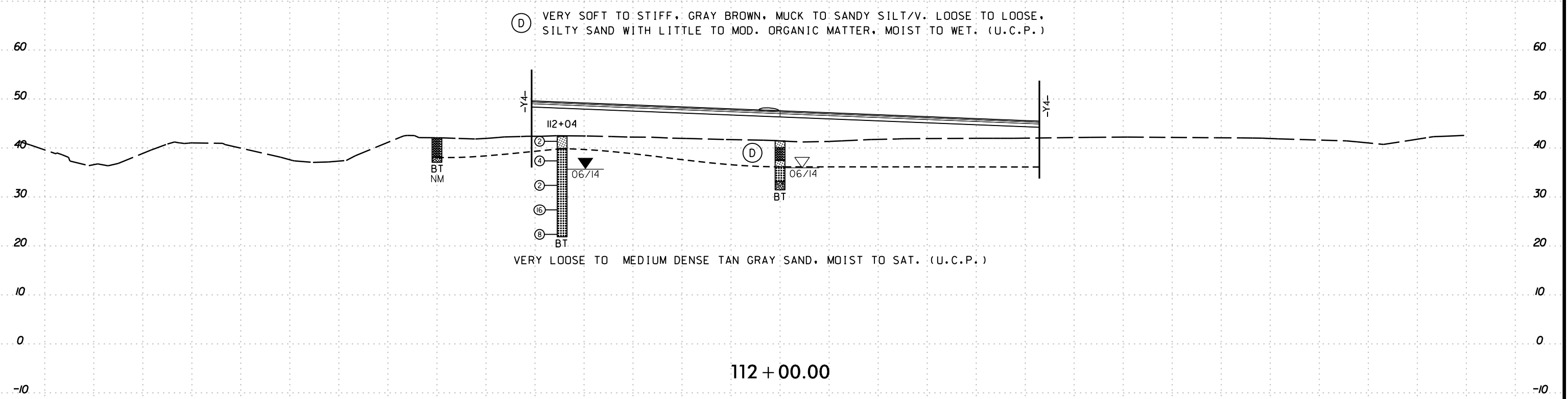
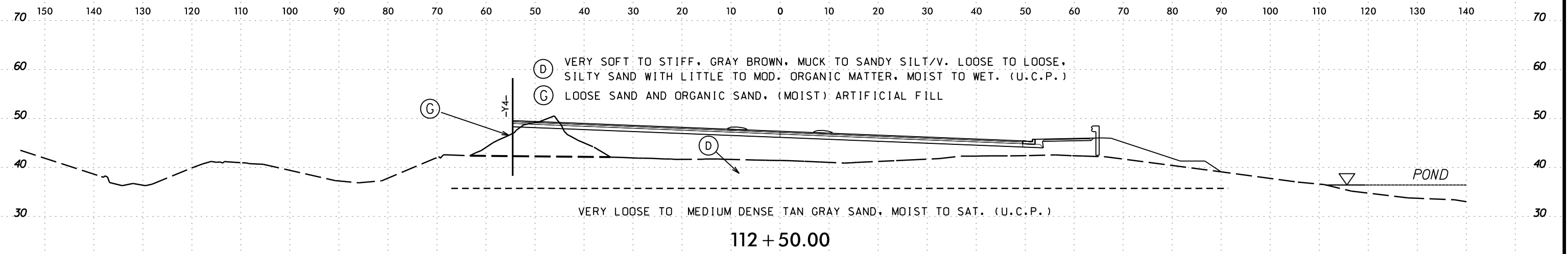
SOIL TEST RESULTS														
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)		% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	200		
S-35	20 LT	106+00	0.0-3.5	A-2-4(0)	25	NP	15.6	61.5	14.9	8.0	100	97	25	11.5

-L-

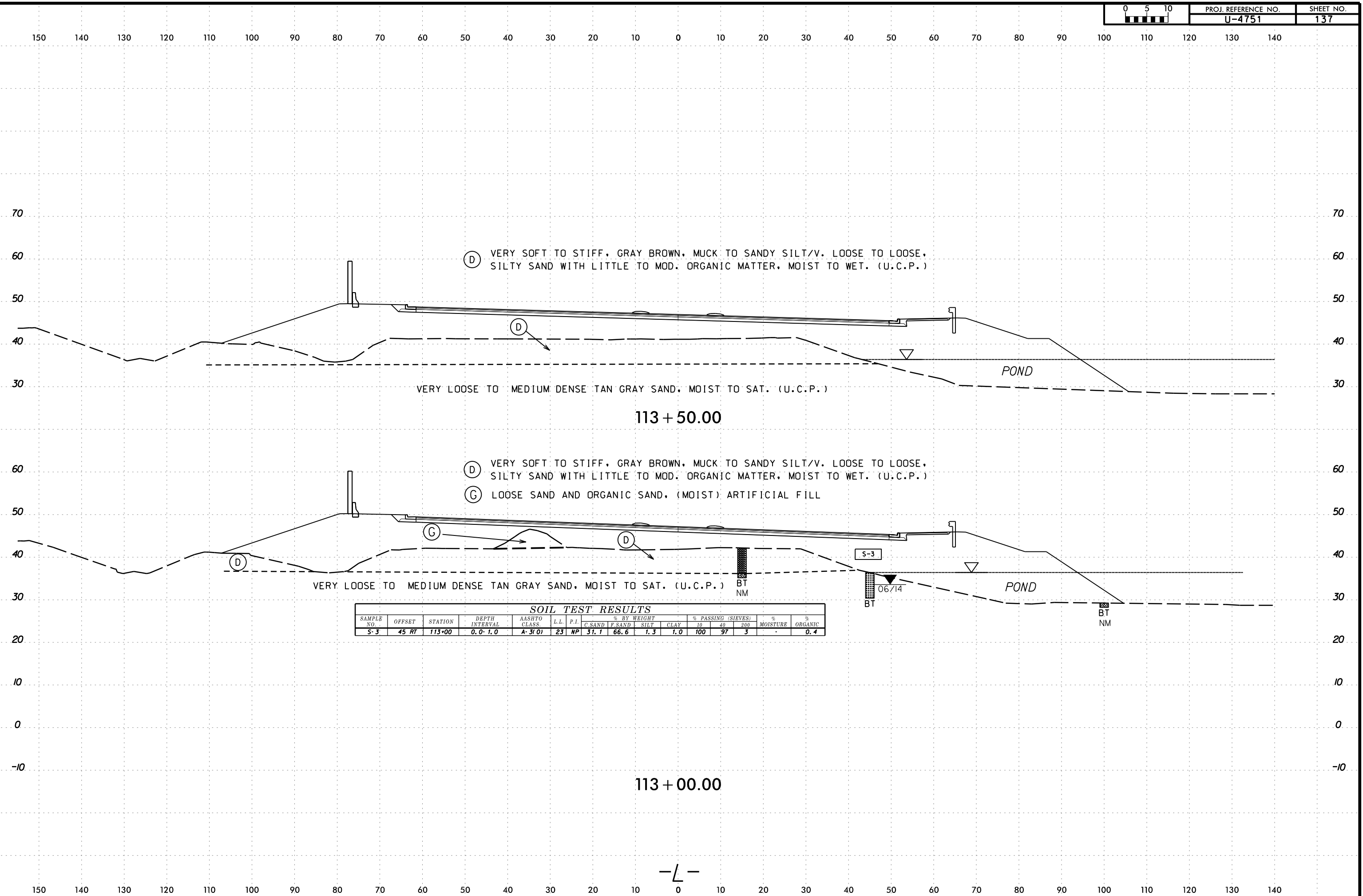
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(D) VERY SOFT TO STIFF, GRAY BROWN, MUCK TO SANDY SILT/V. LOOSE TO LOOSE,
 SILTY SAND WITH LITTLE TO MOD. ORGANIC MATTER, MOIST TO WET. (U.C.P.)

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

113 + 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.)

(G) LOOSE SAND AND ORGANIC SAND, (MOIST) ARTIFICIAL FILL

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

BT NM

S-3

BT

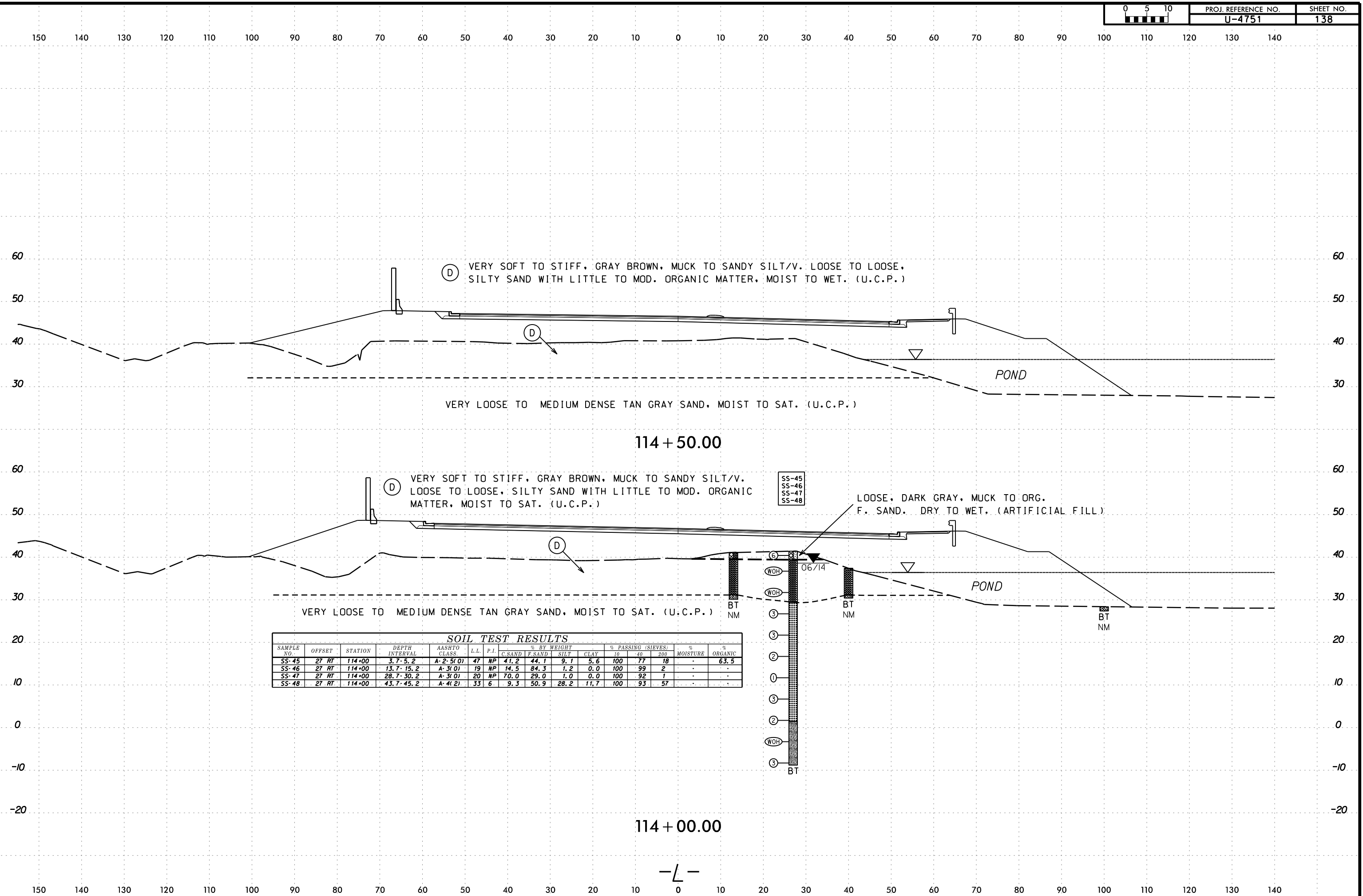
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BT NM

113 + 00.00

SOIL TEST RESULTS														
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							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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 dmcherson



(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.)

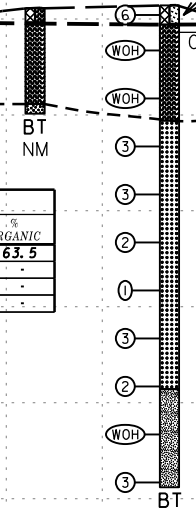
VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

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.)

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.)

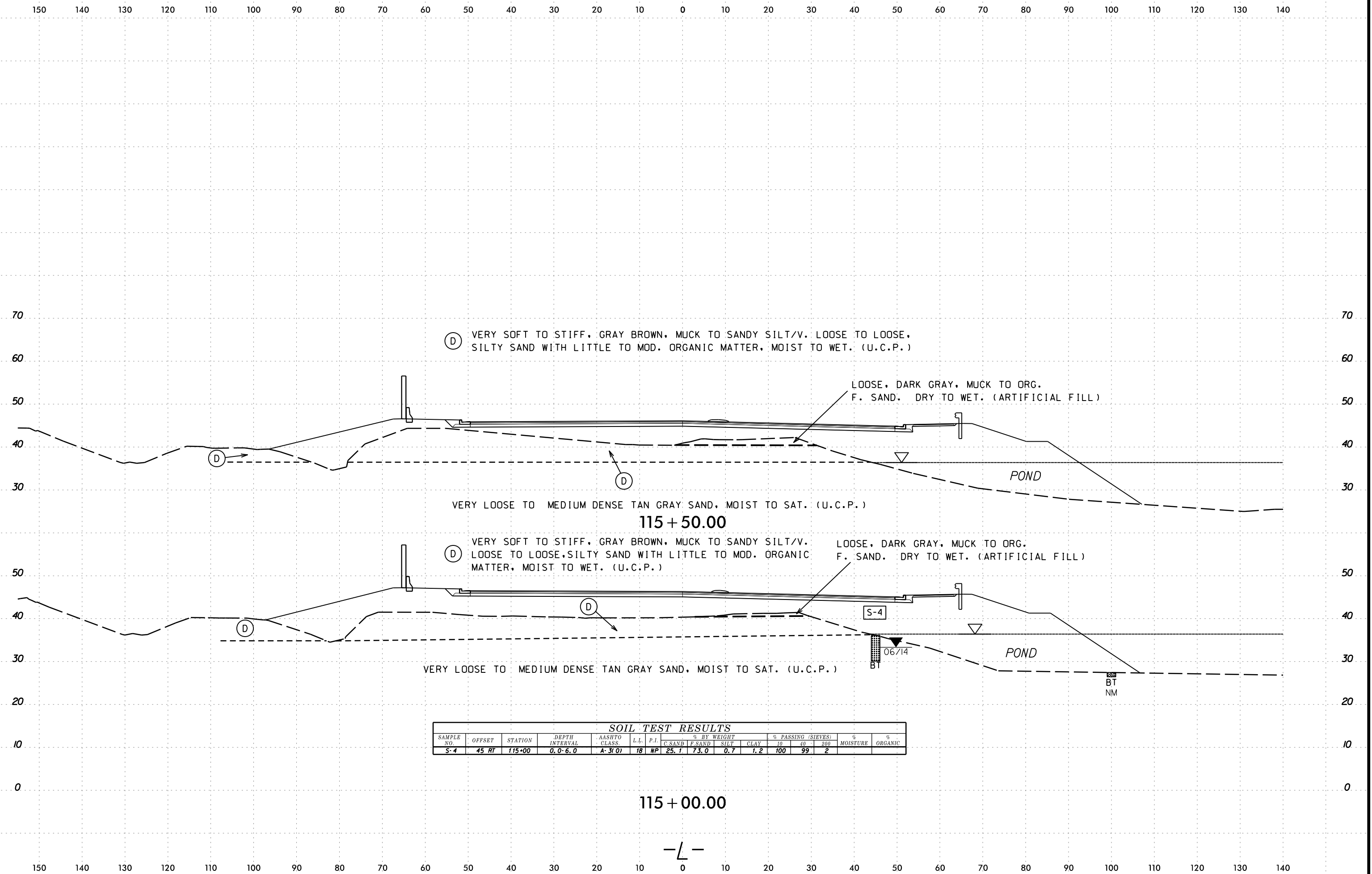


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-45	27 RT	114+00	3.7-5.2	A-2-5(0)	47	NP	41.2	44.1	9.1	5.6	100	77	18	-	63.5
SS-46	27 RT	114+00	13.7-15.2	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	-	-

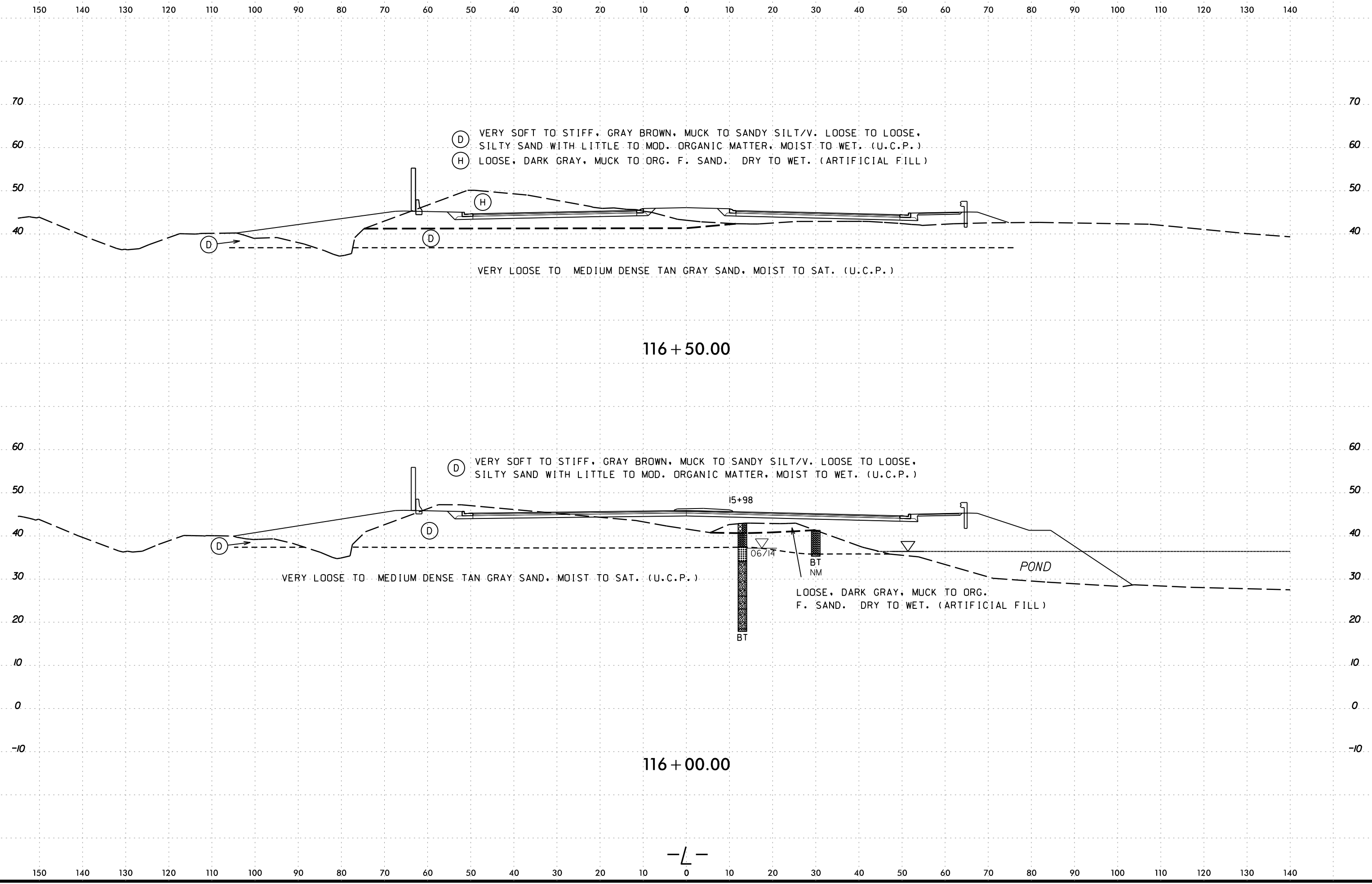
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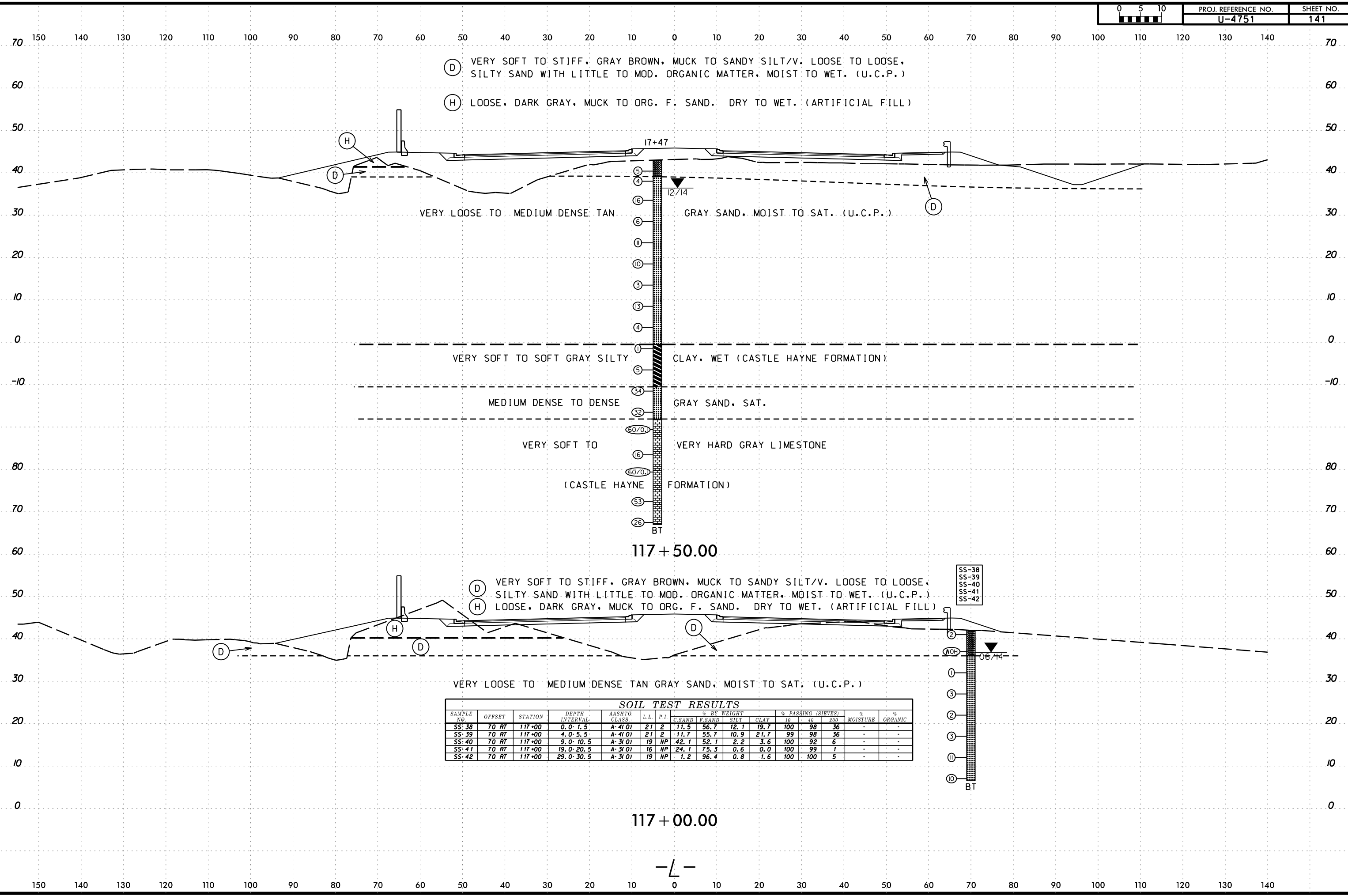


116 + 50.00

116 + 00.00

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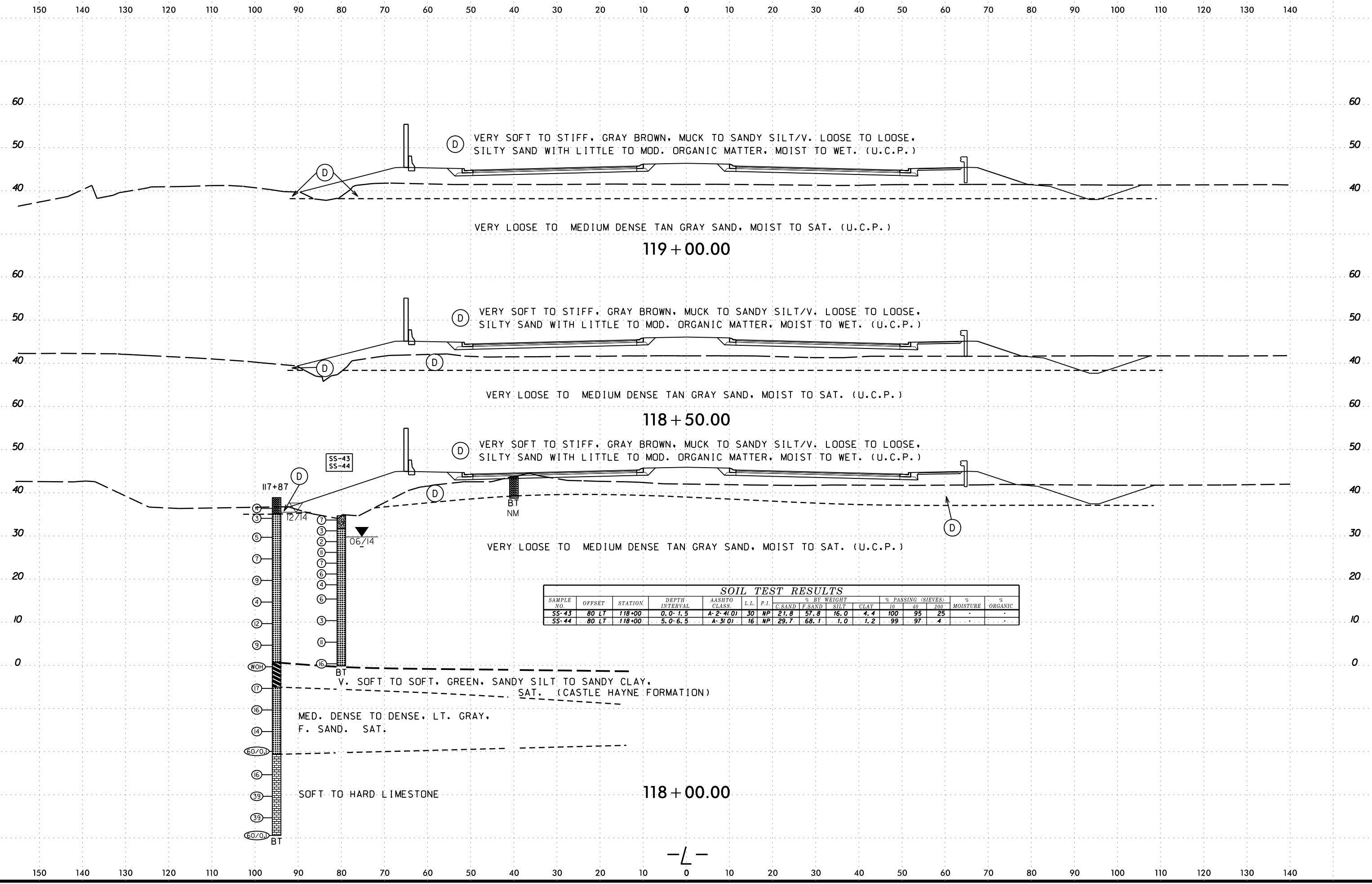
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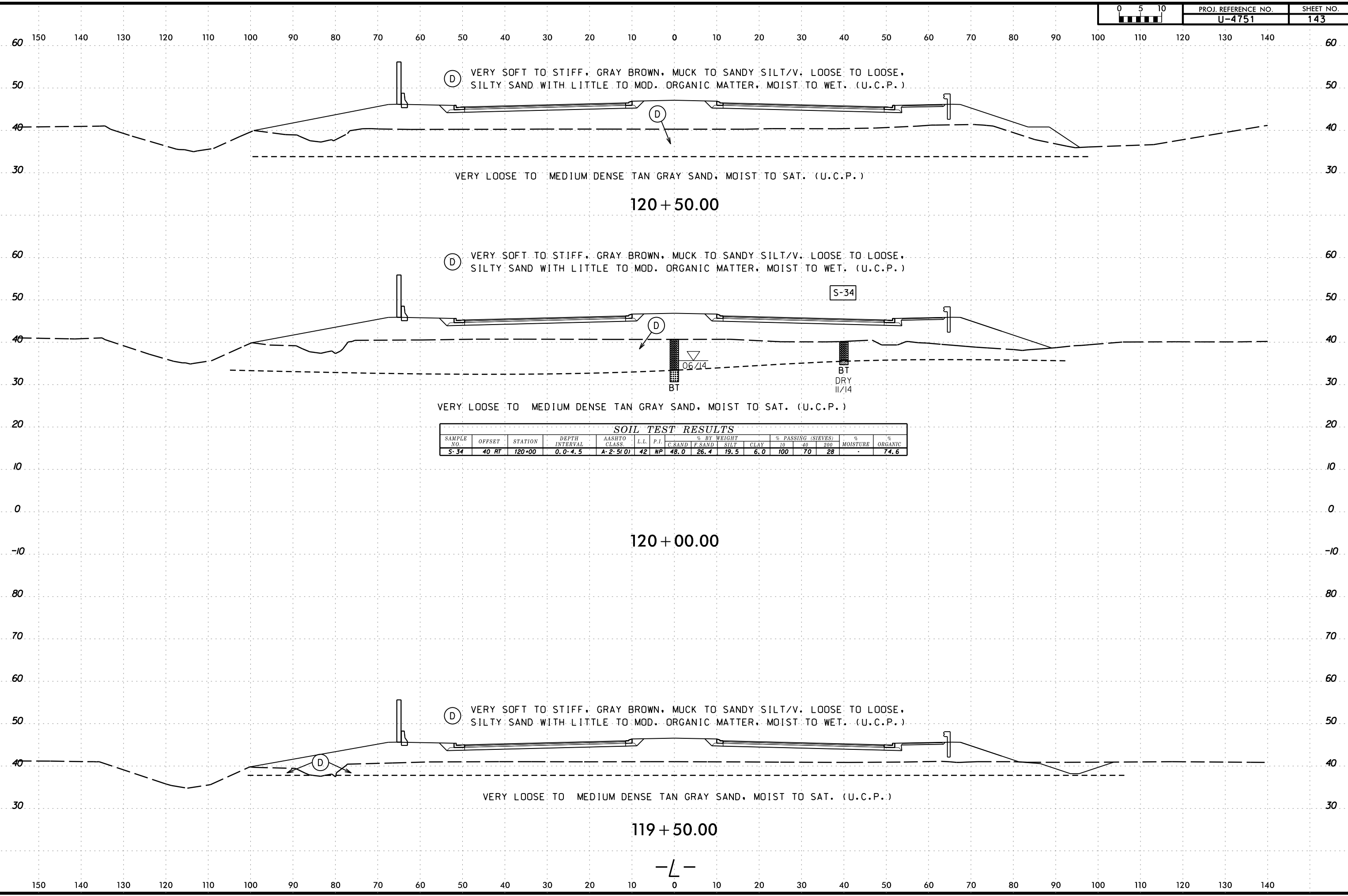
SOIL TEST RESULTS

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		
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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(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.)

120 + 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.)

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		
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

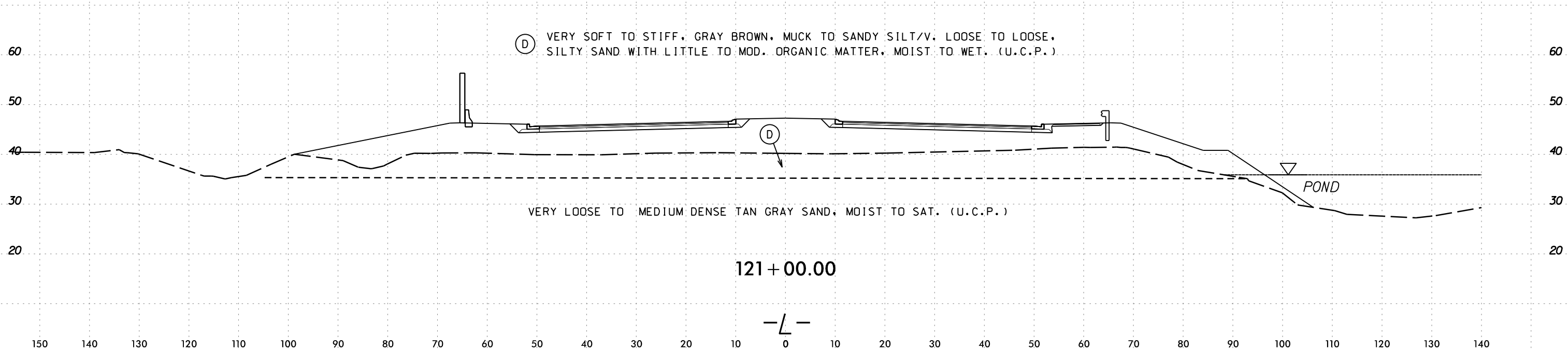
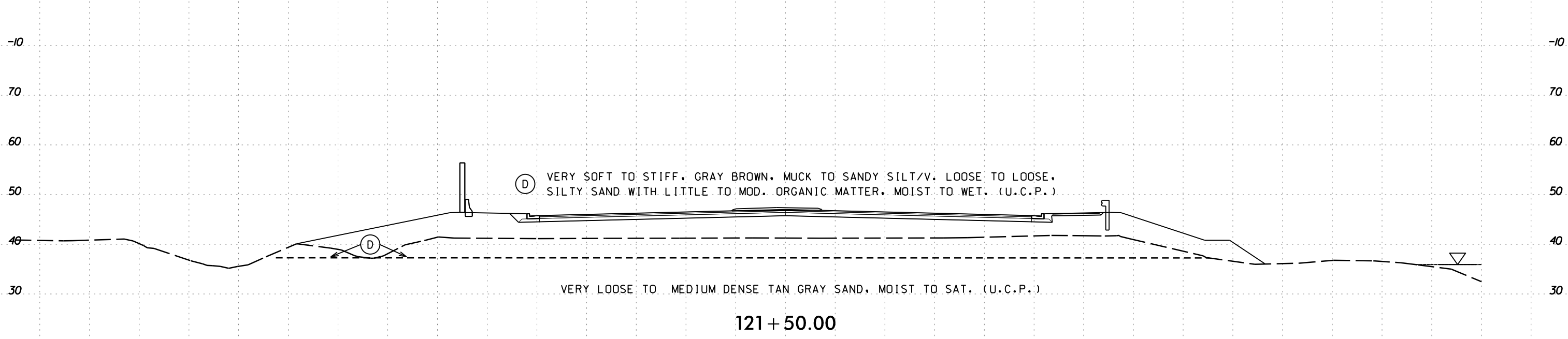
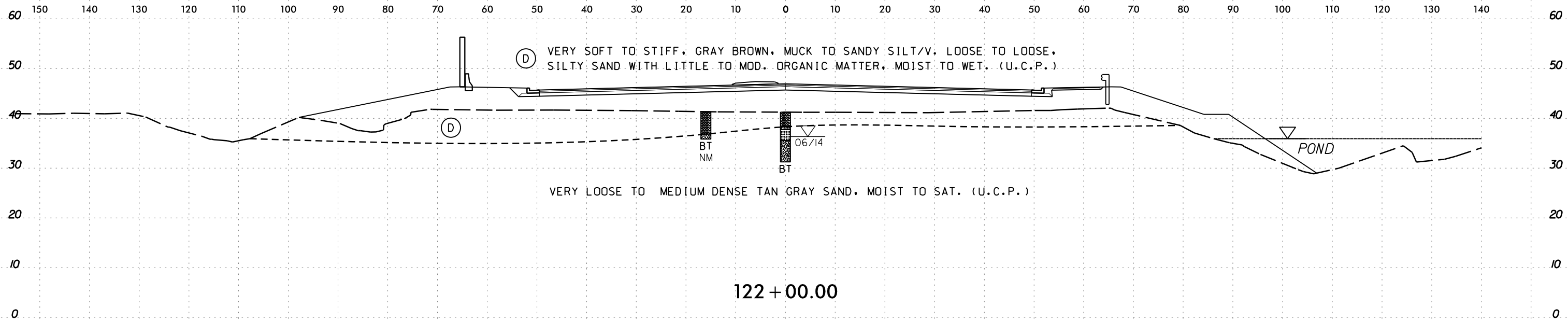
120 + 00.00

(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.)

119 + 50.00

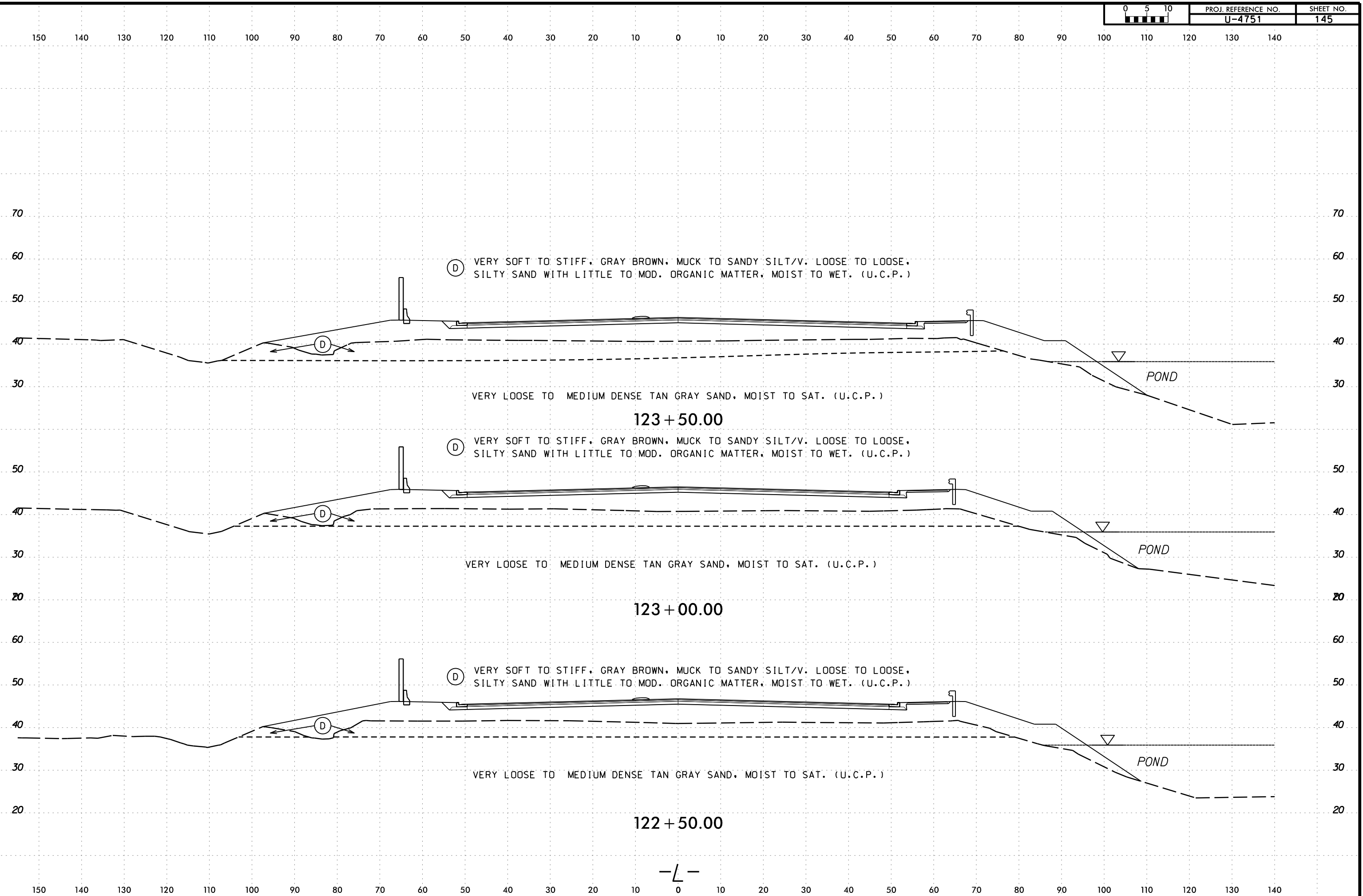
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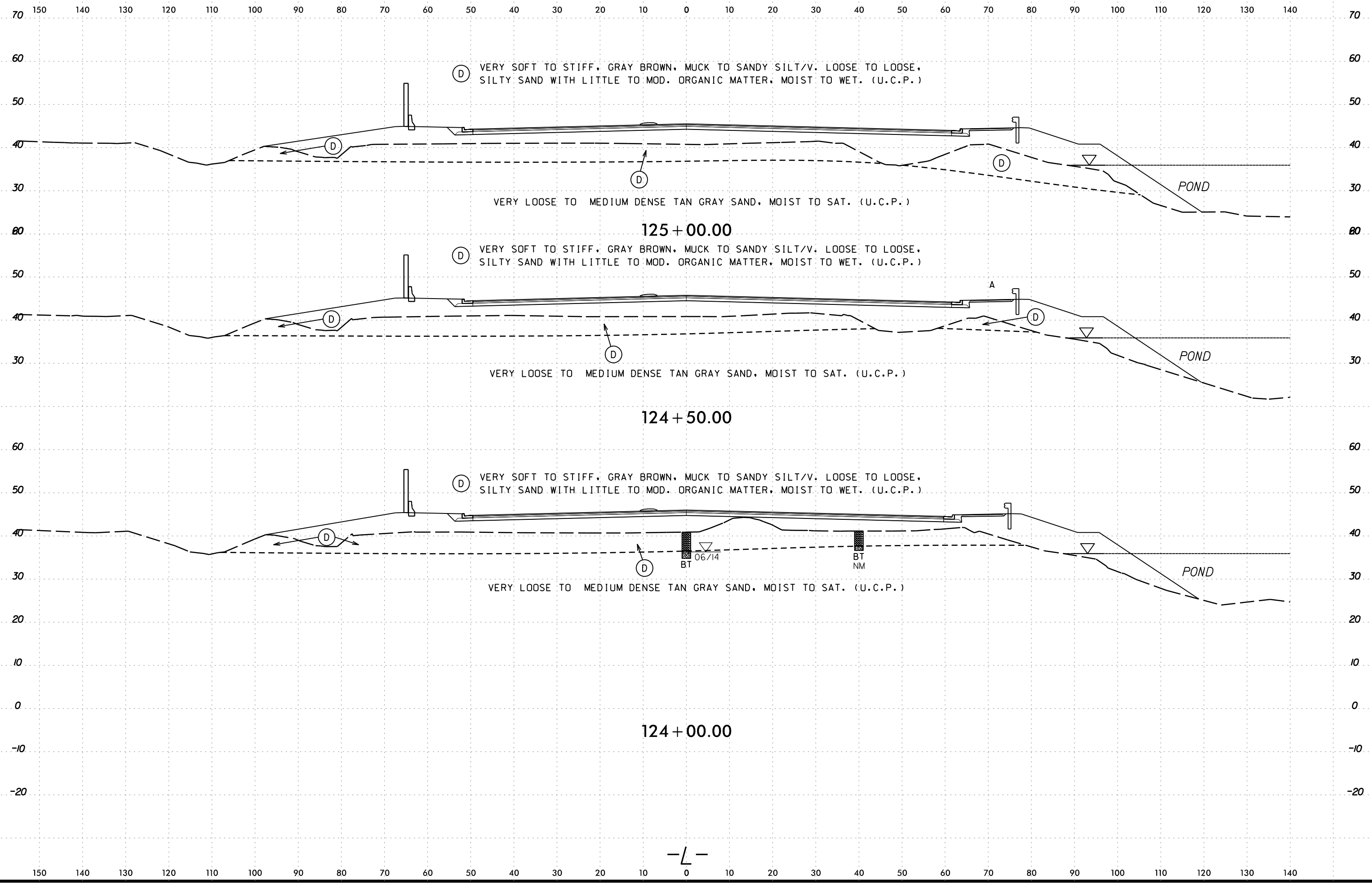
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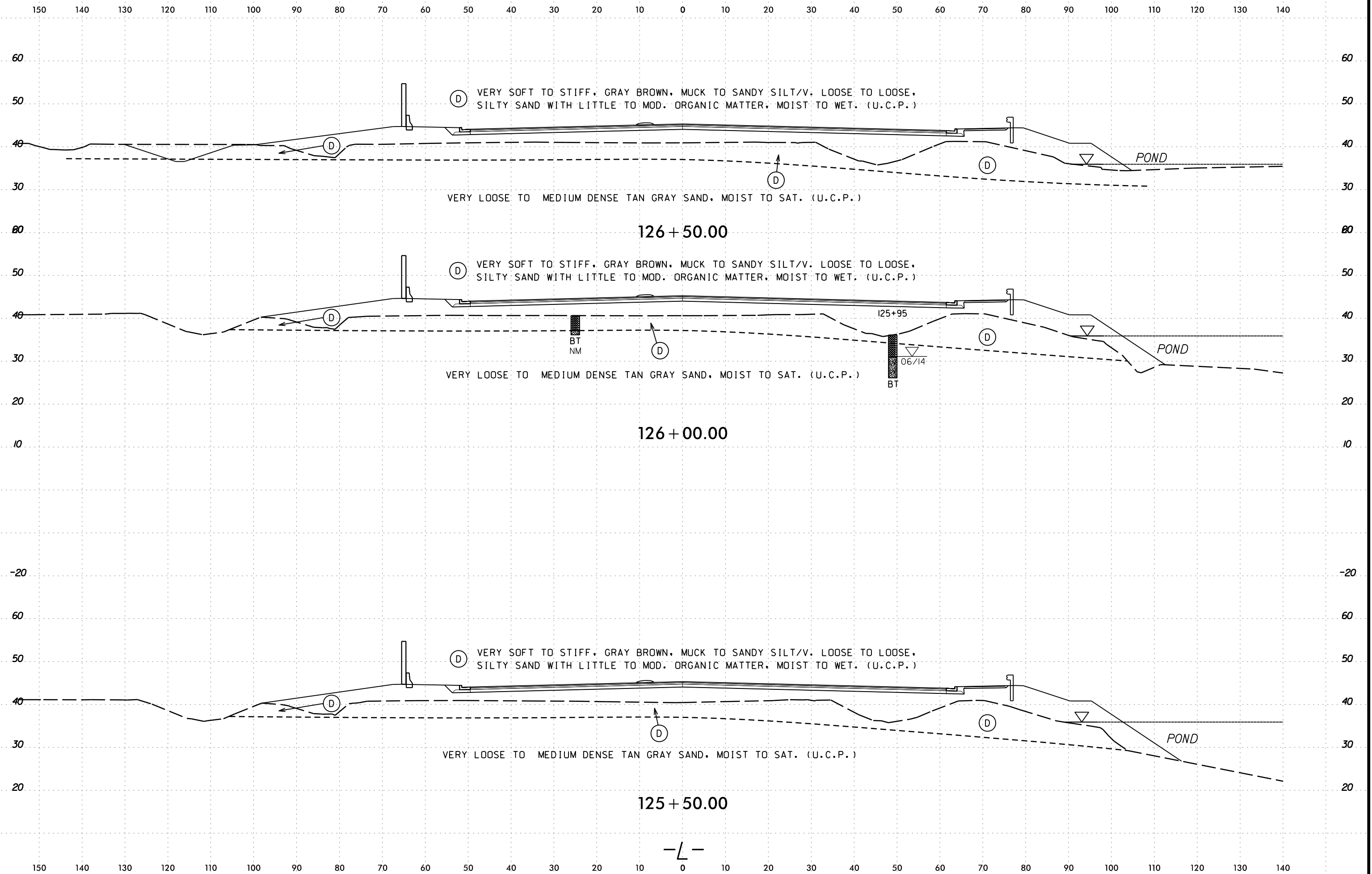
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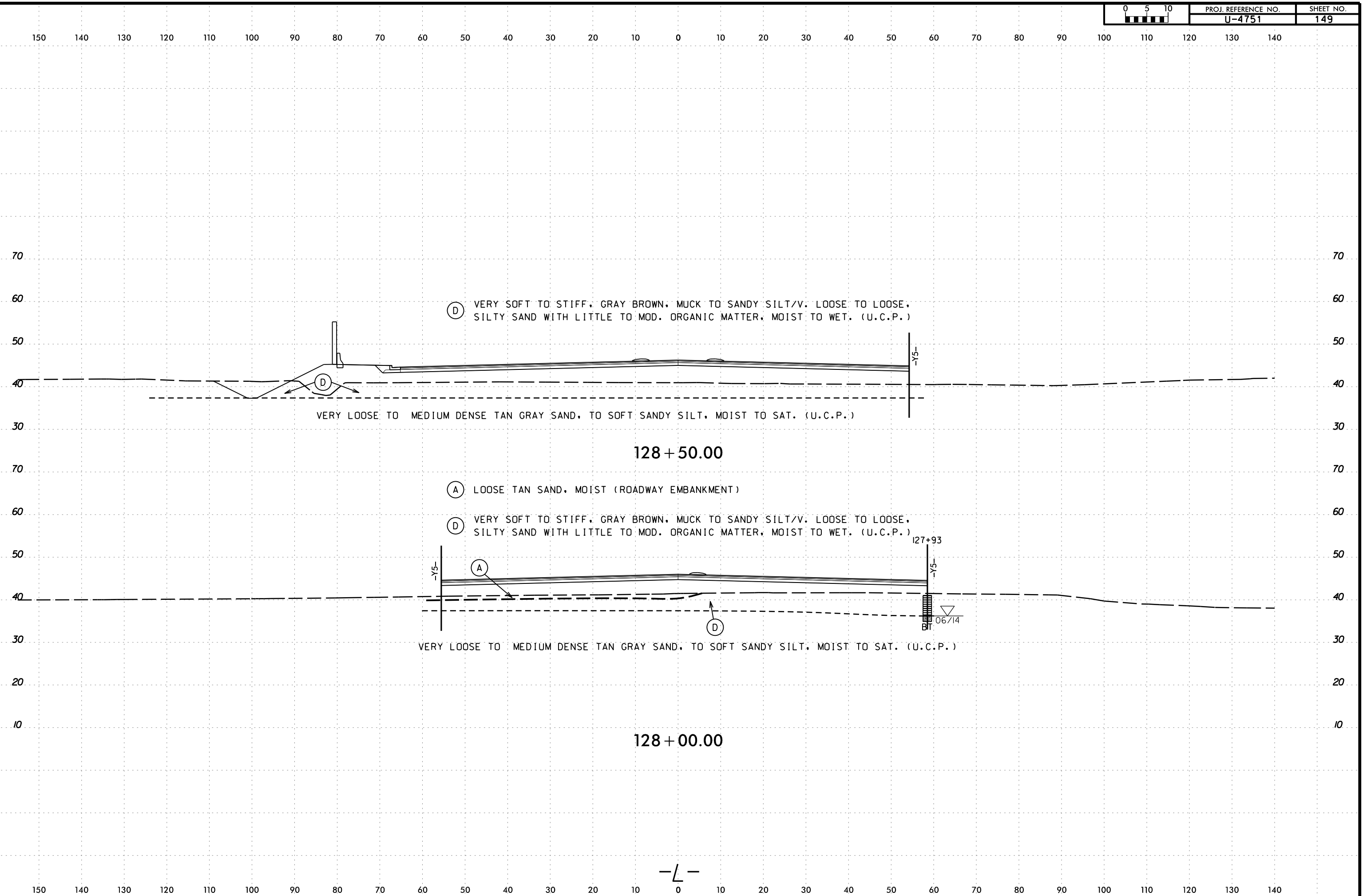
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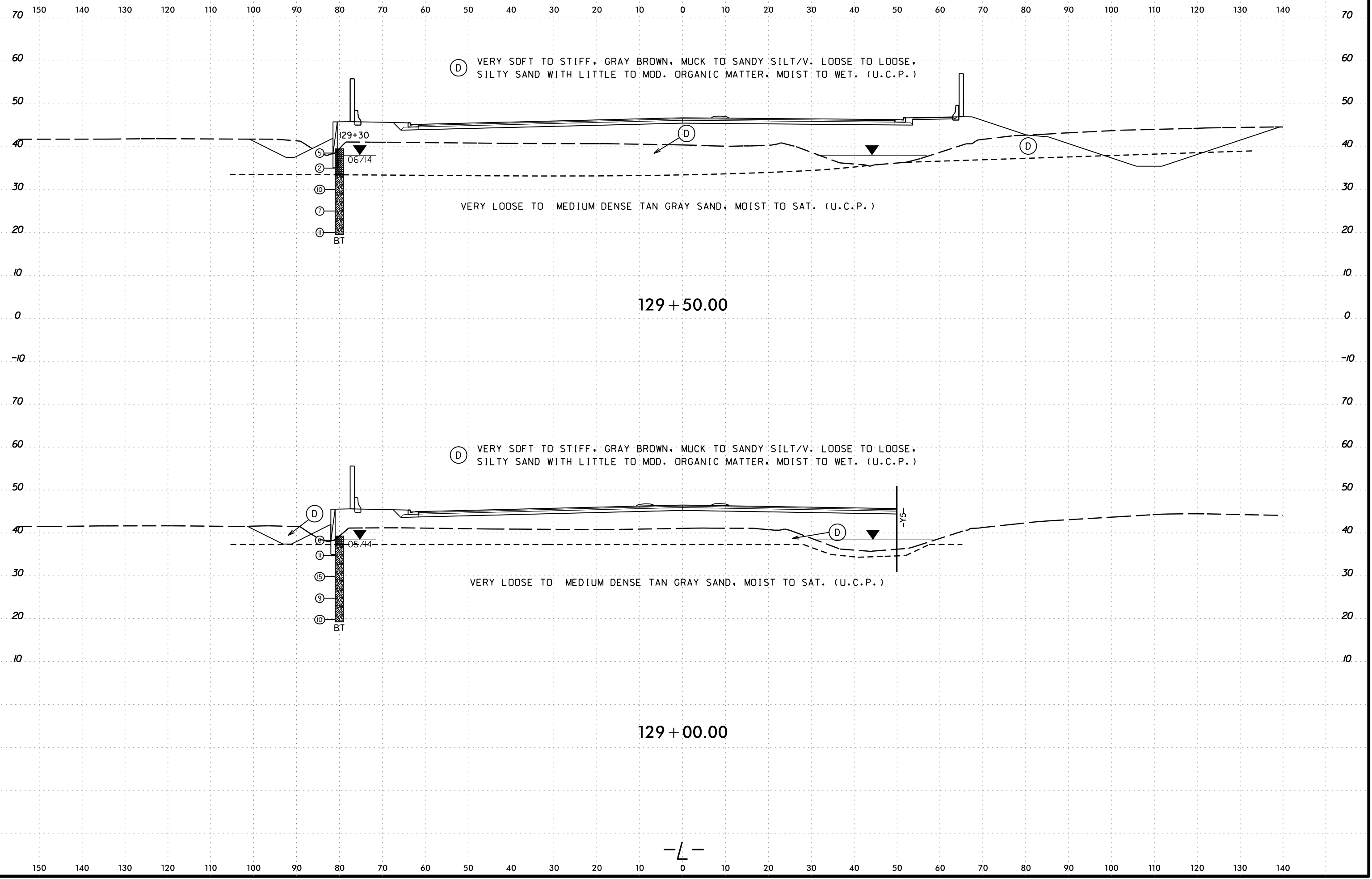


128 + 50.00

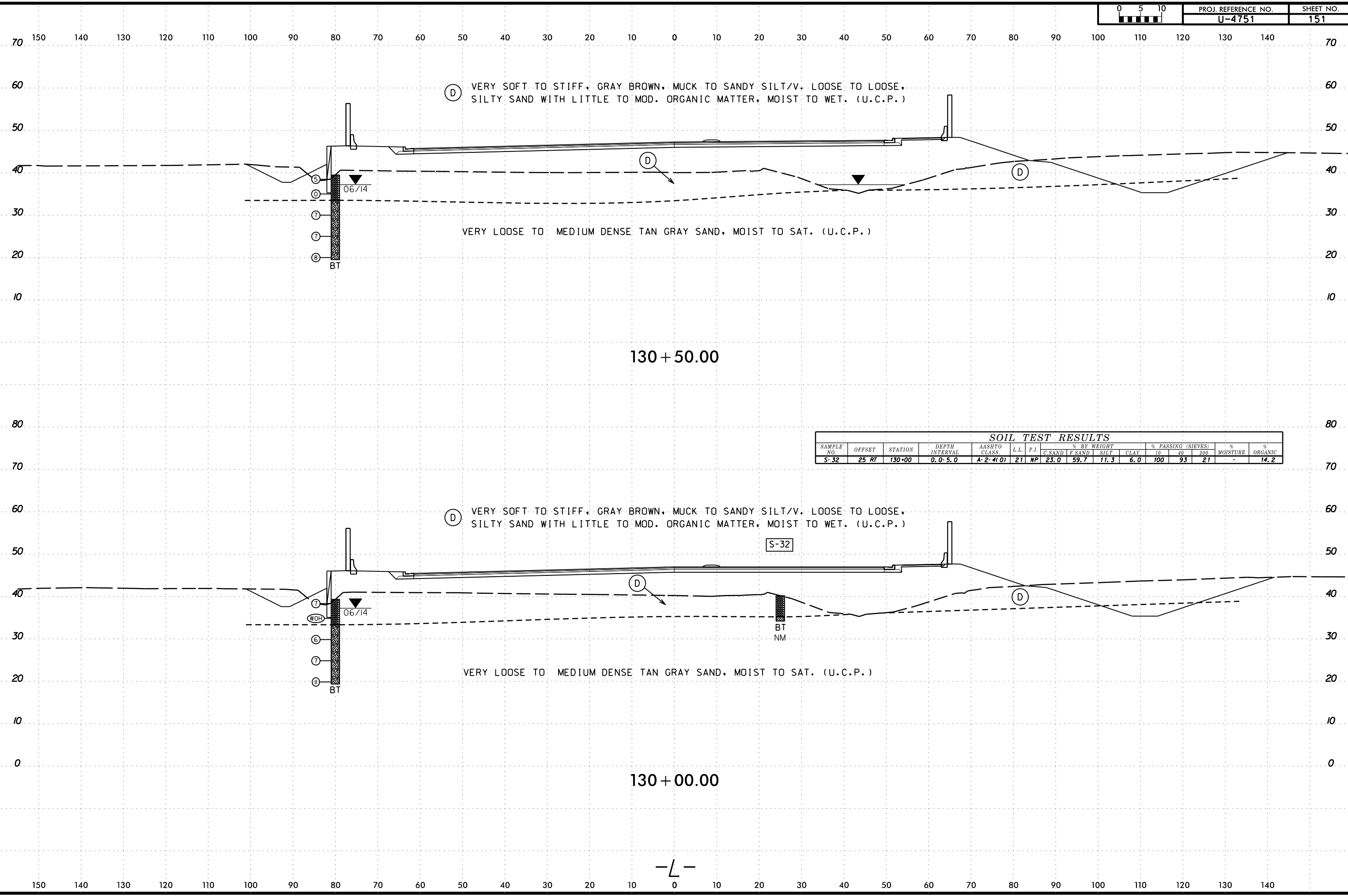
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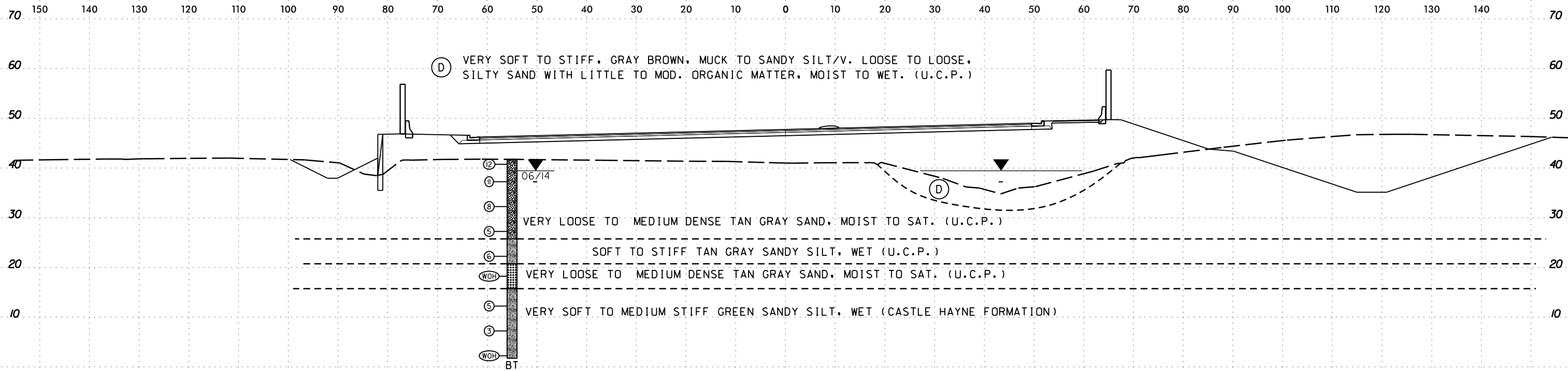
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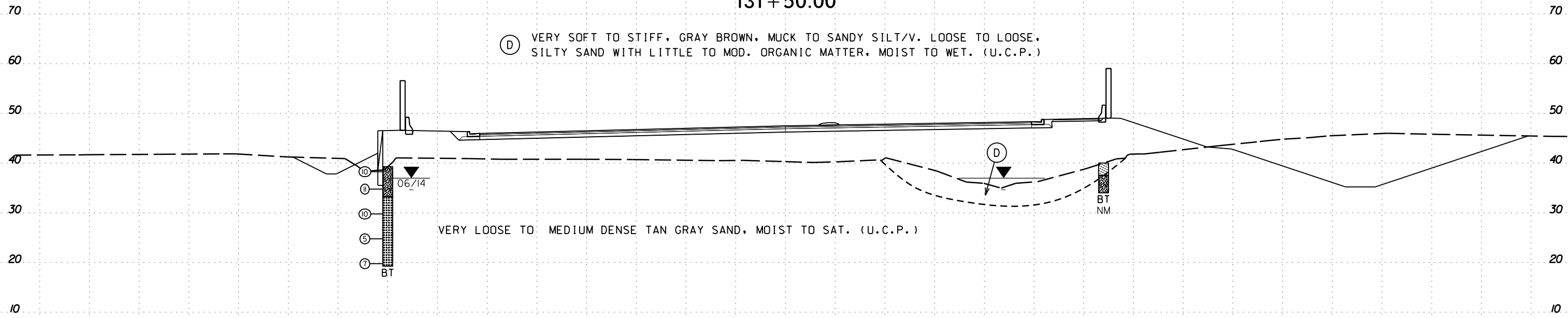
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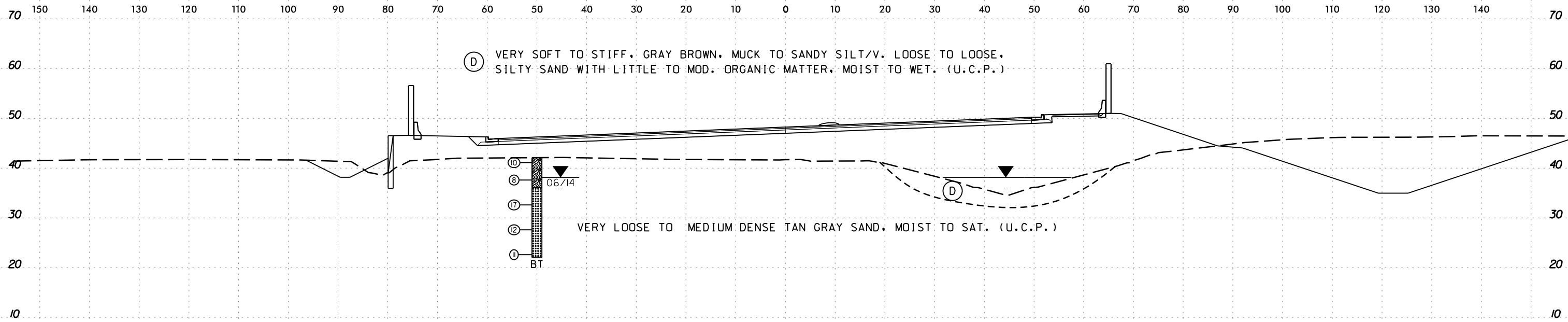


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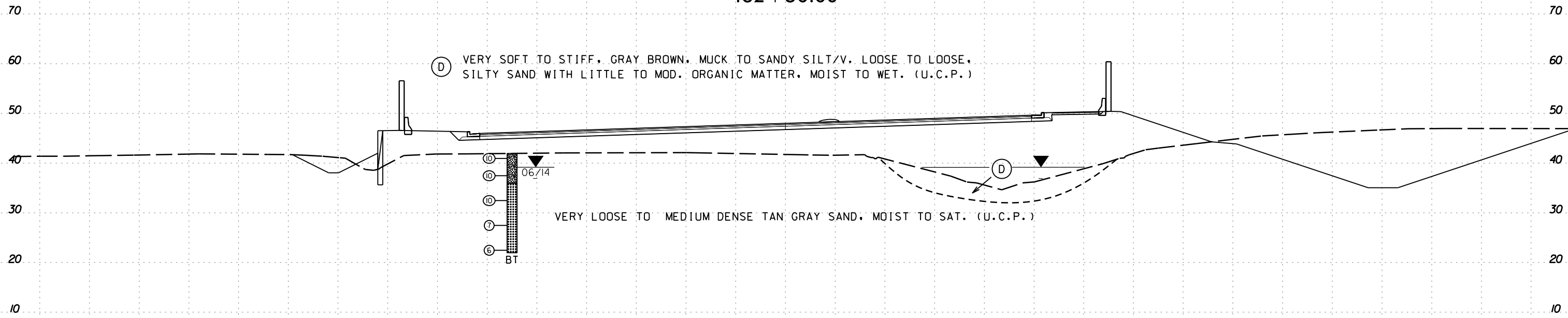


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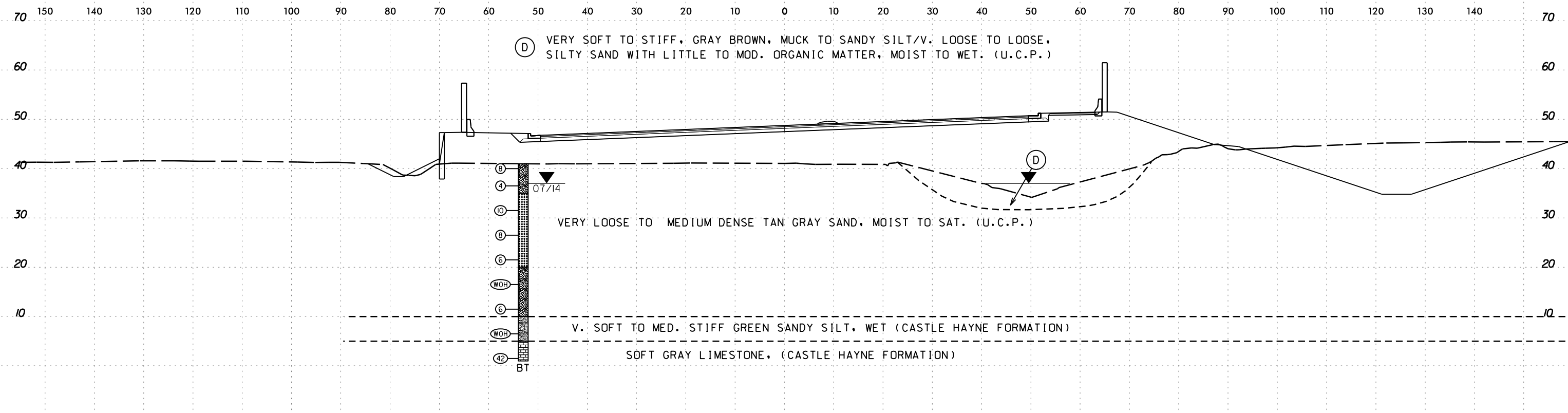
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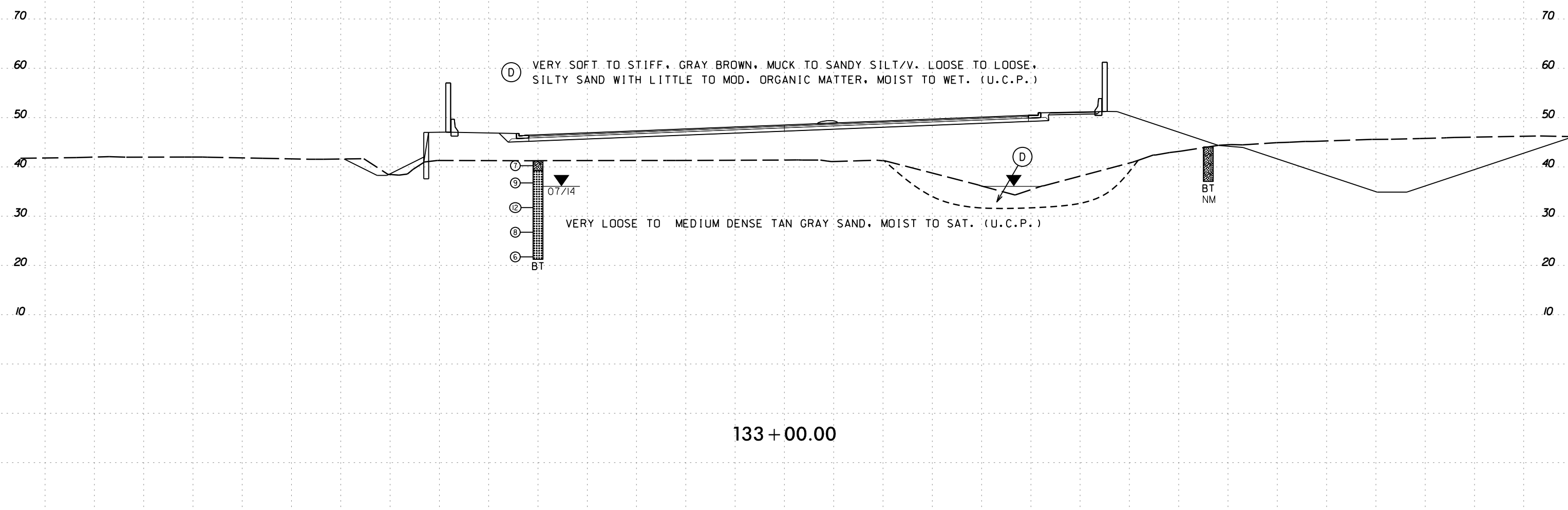
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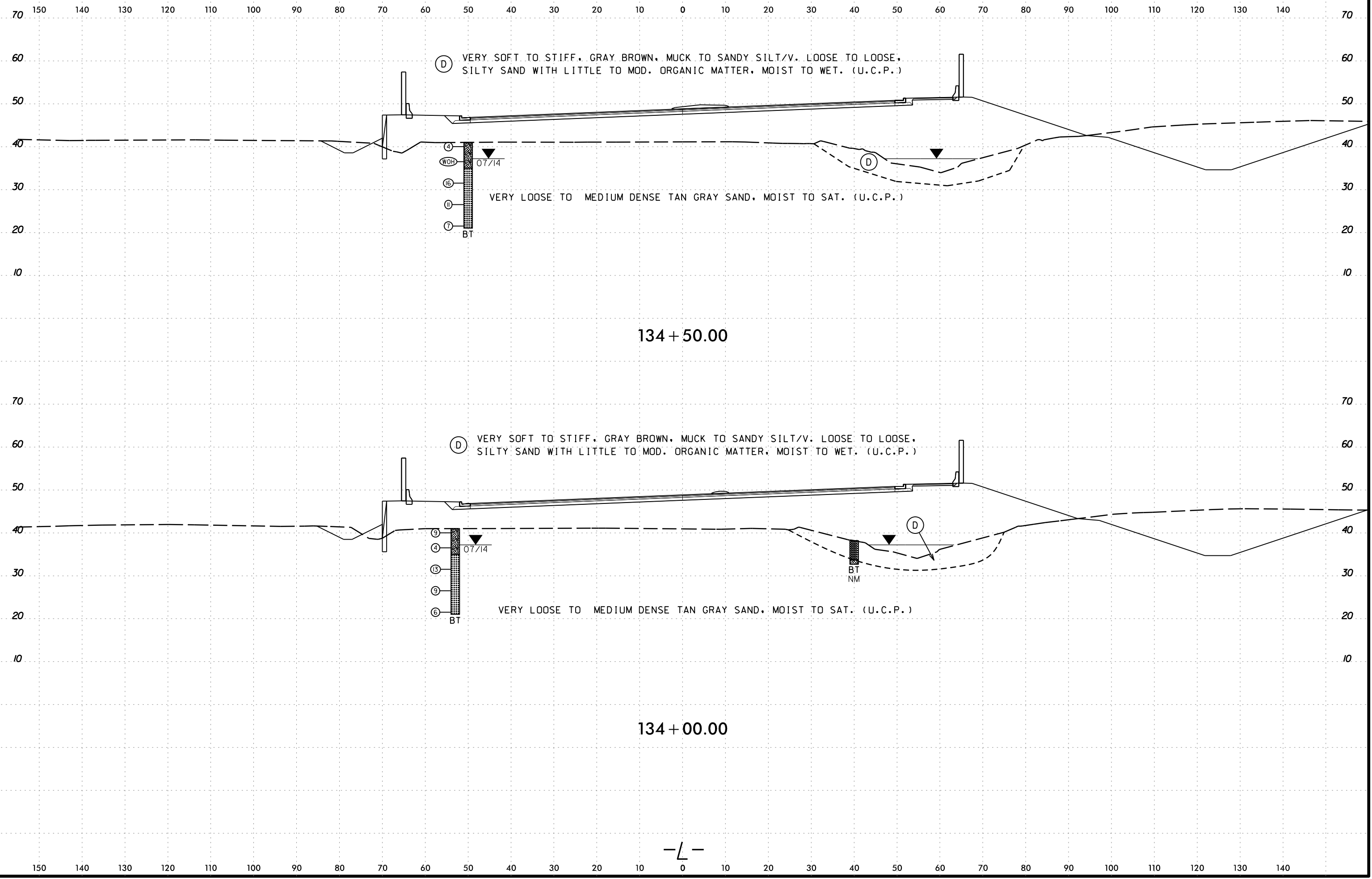
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133 + 00.00

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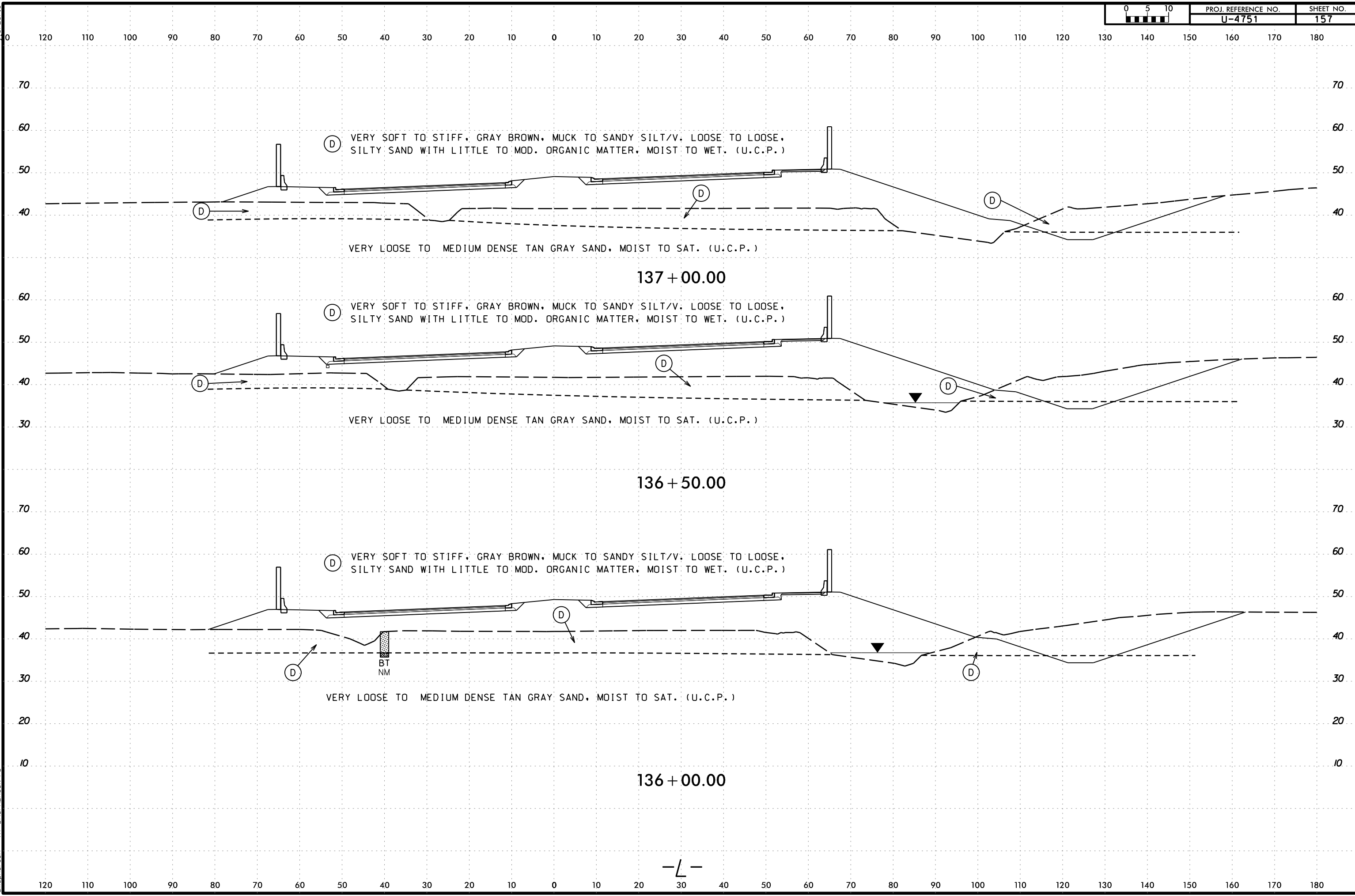


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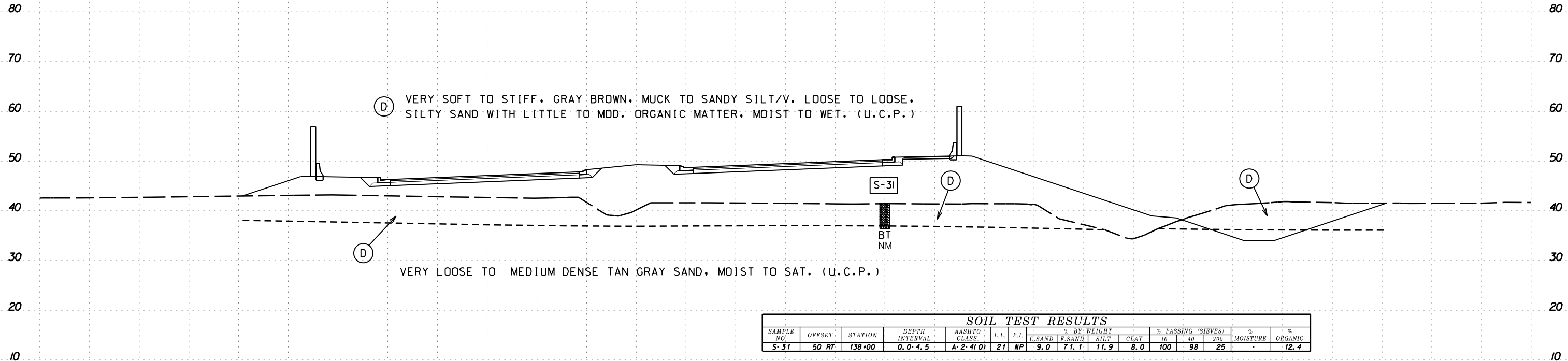
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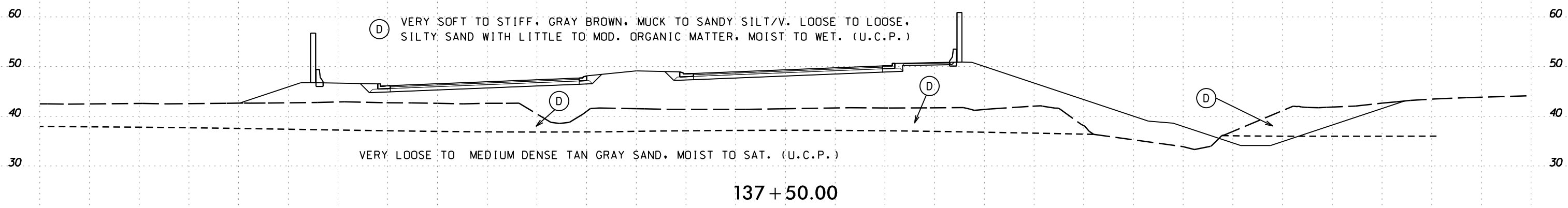


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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-31	50 RT	138+00	0.0-4.5	A-2-4(0)	21	NP	9.0	71.1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

138 + 00.00



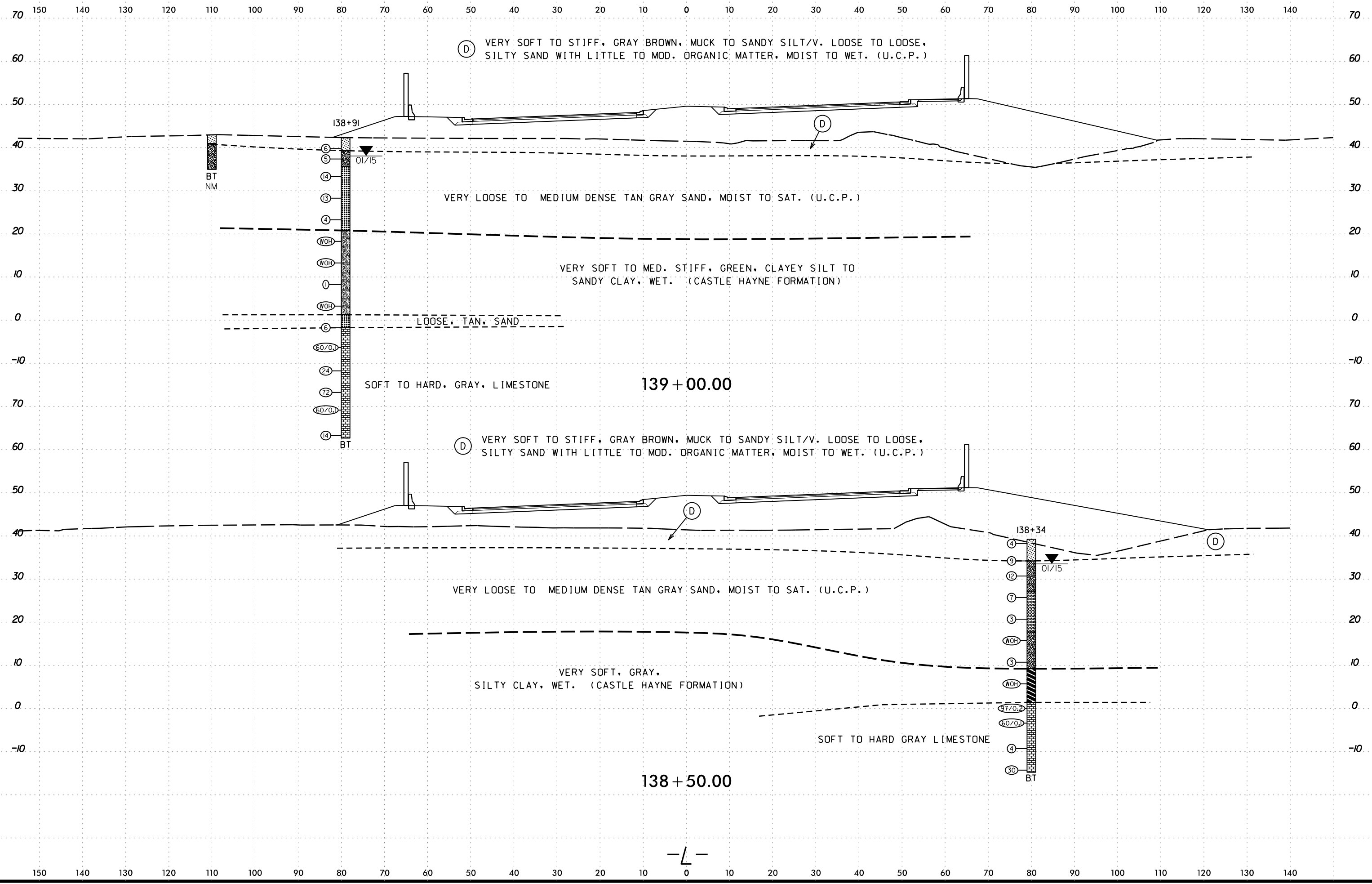
137 + 50.00

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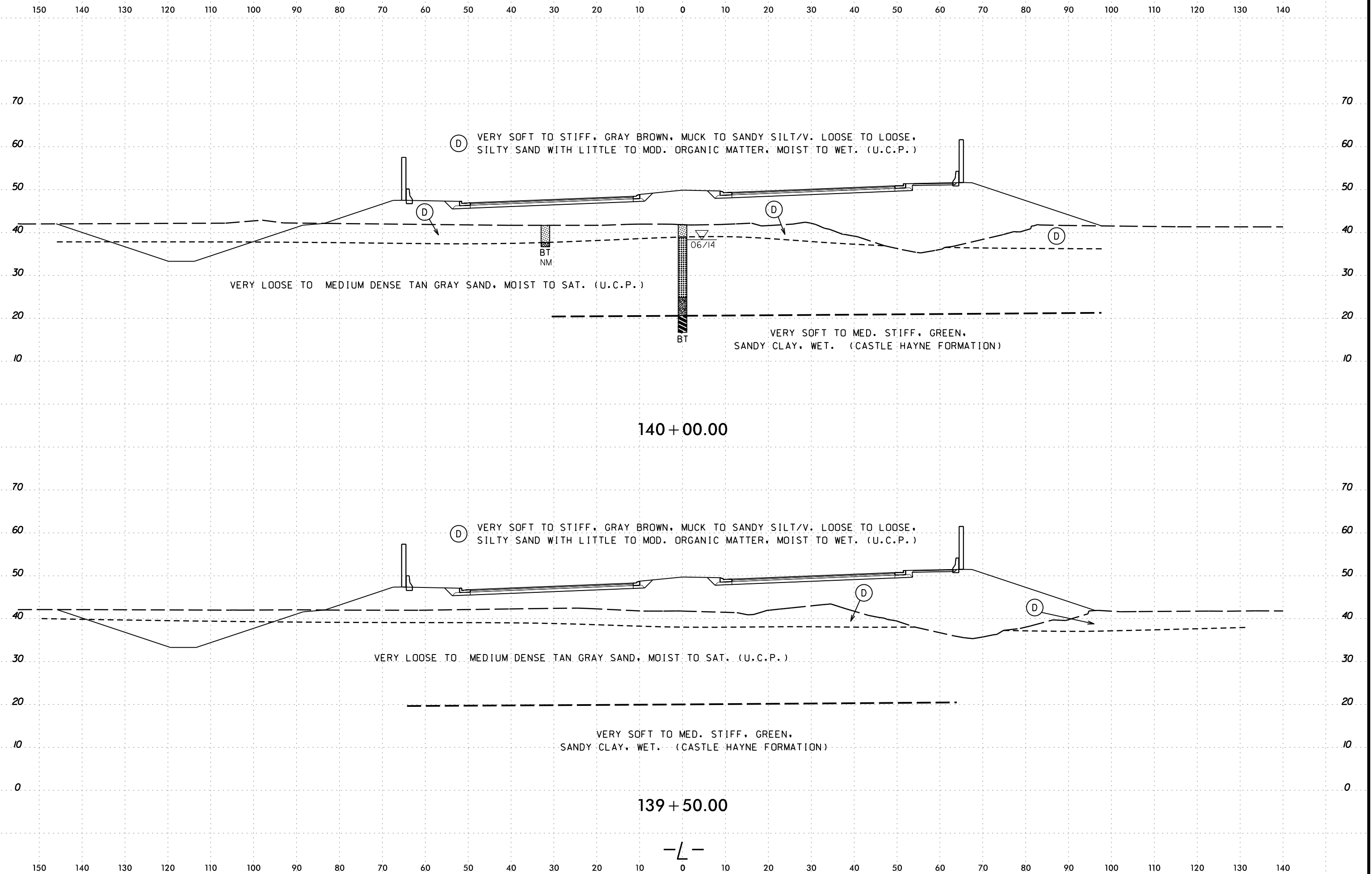
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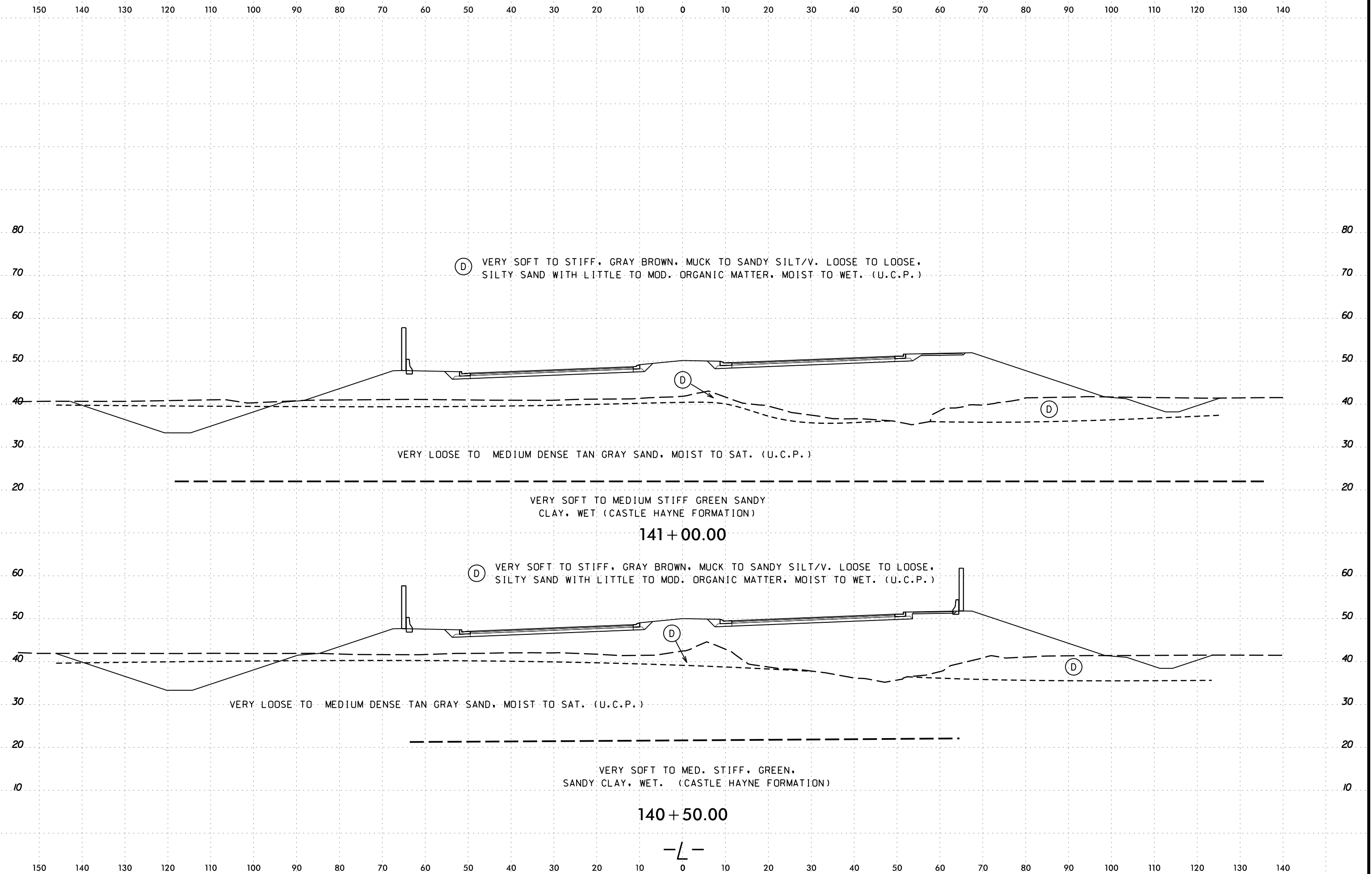


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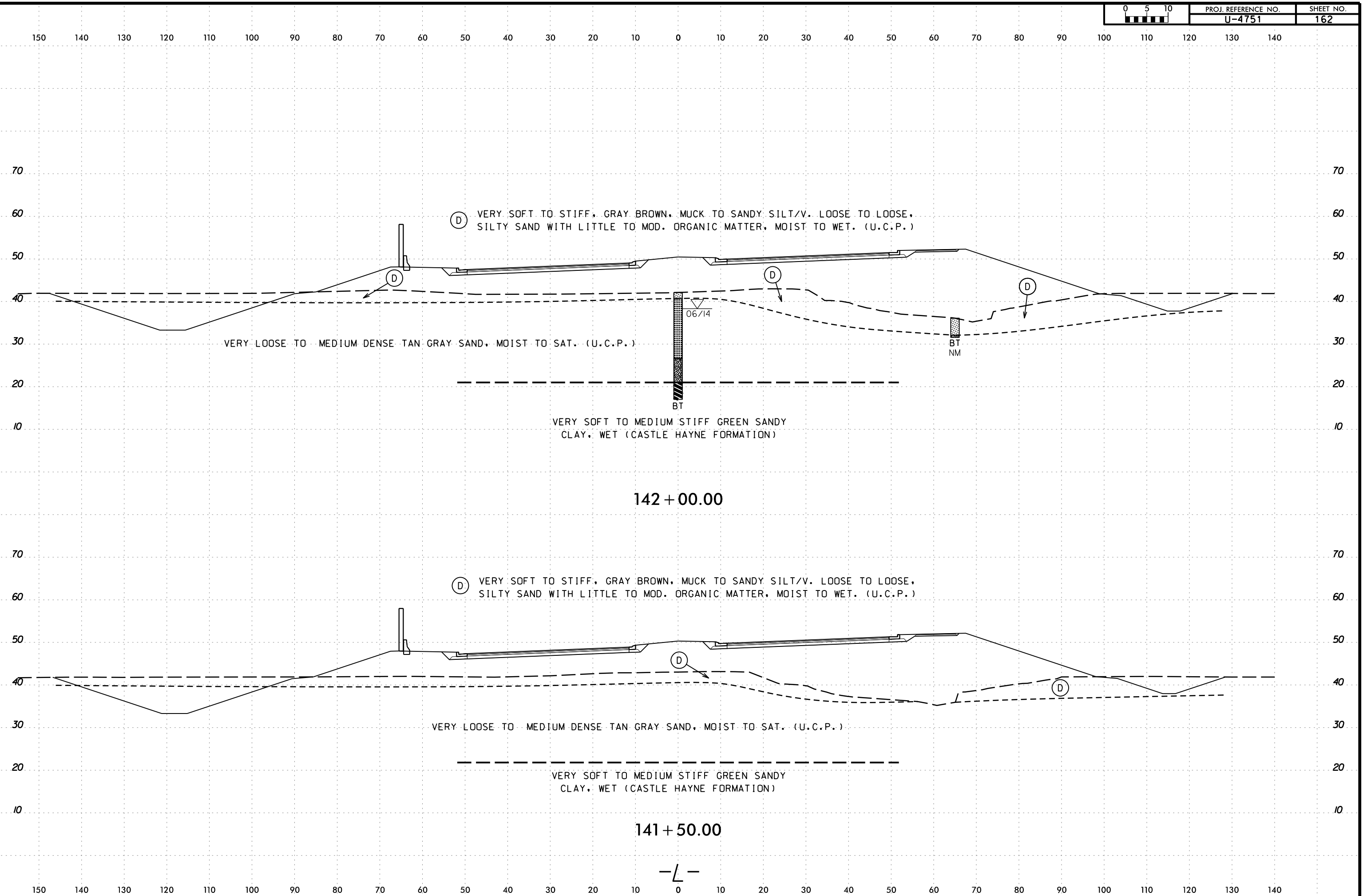
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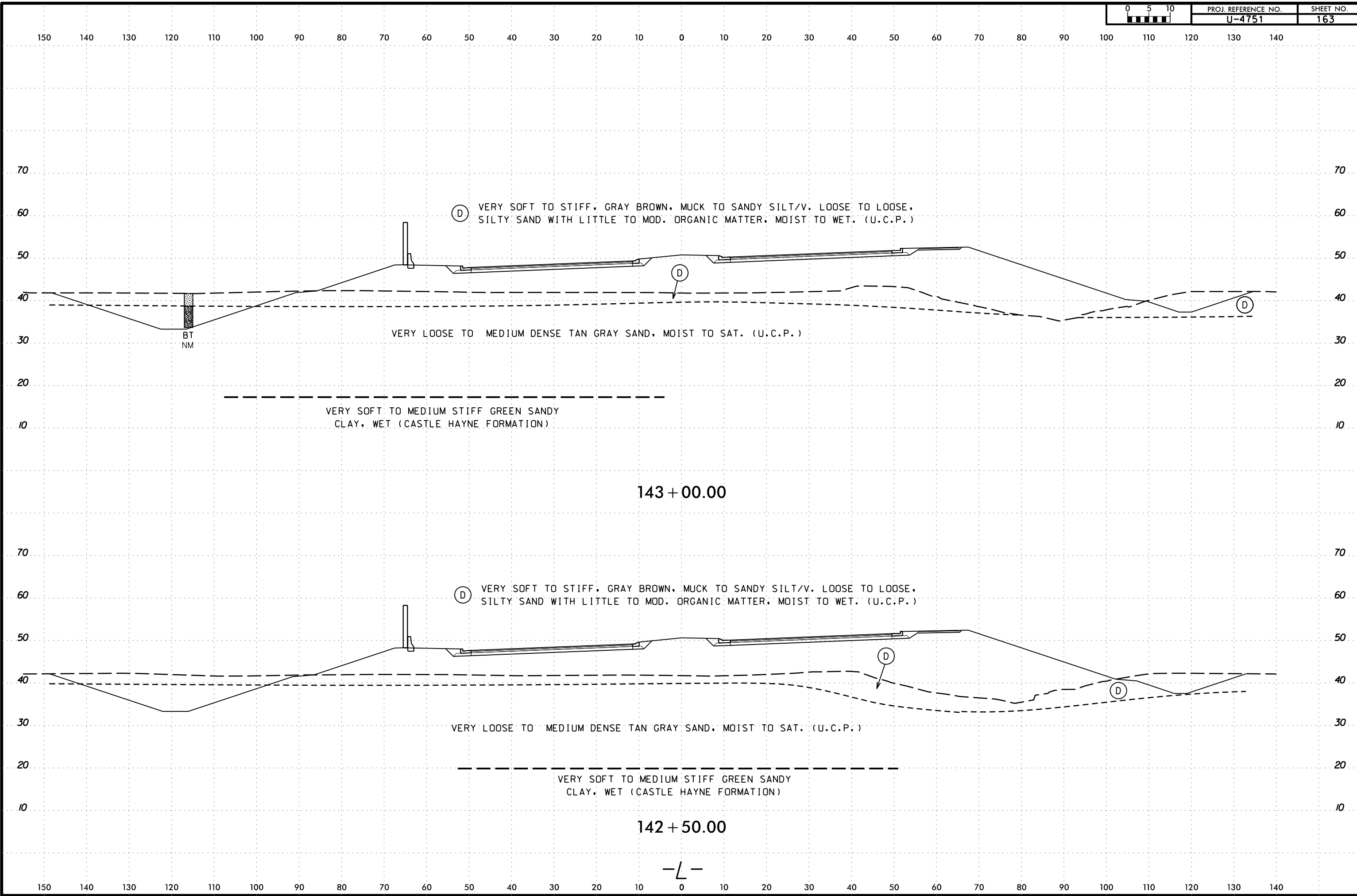
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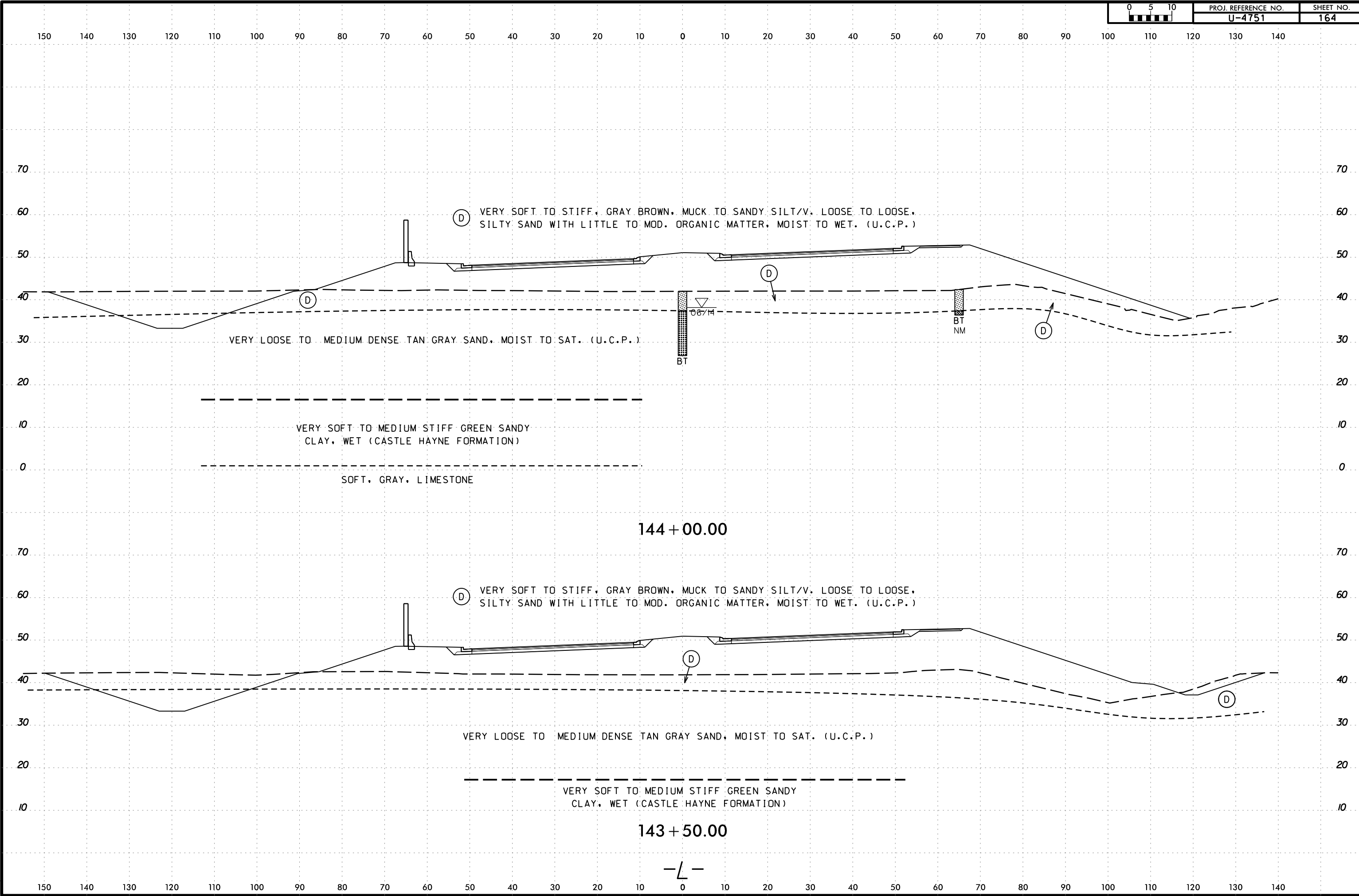


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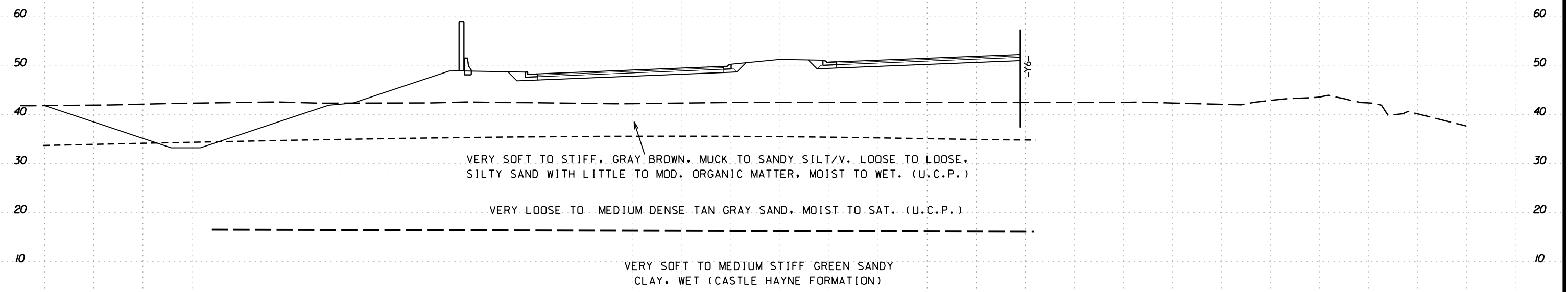
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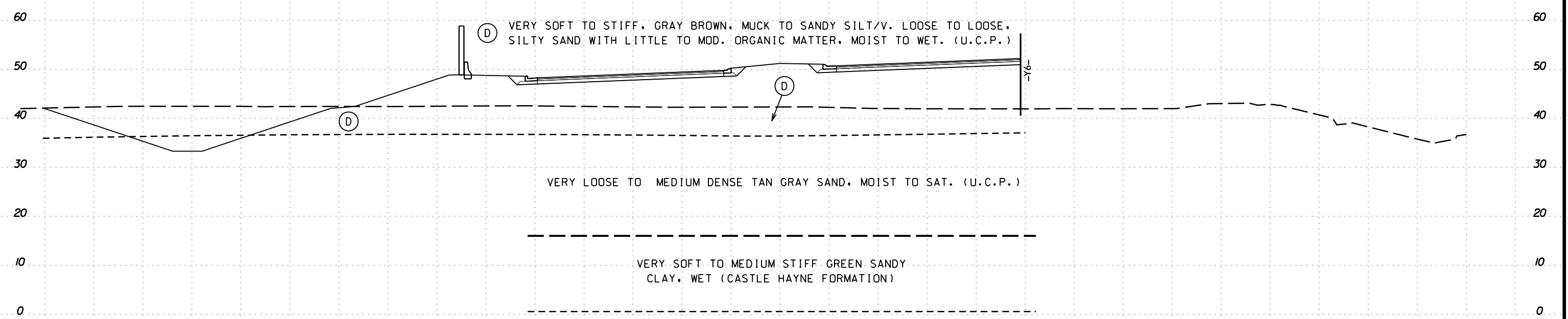
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



145 + 00.00



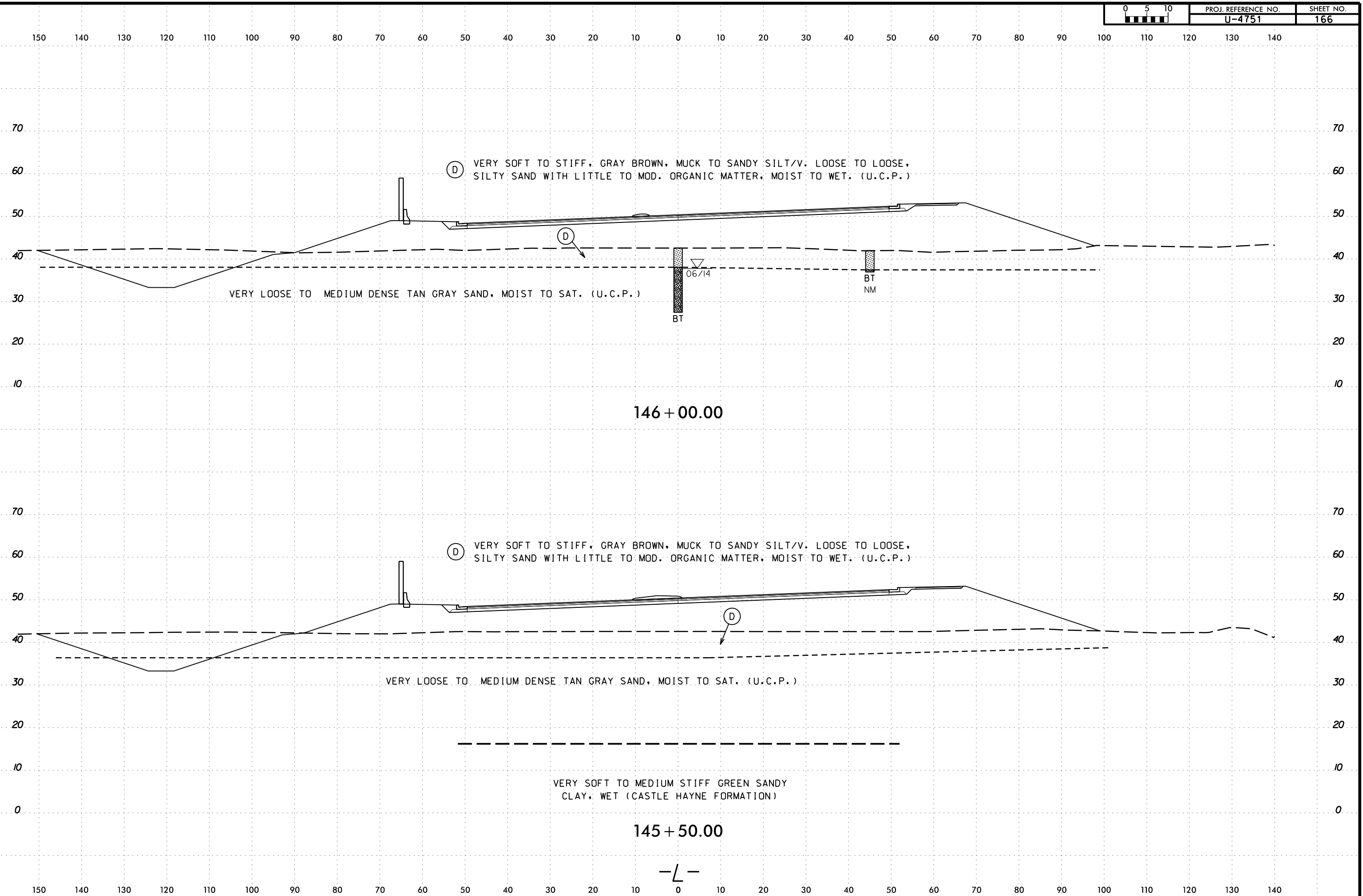
144 + 50.00

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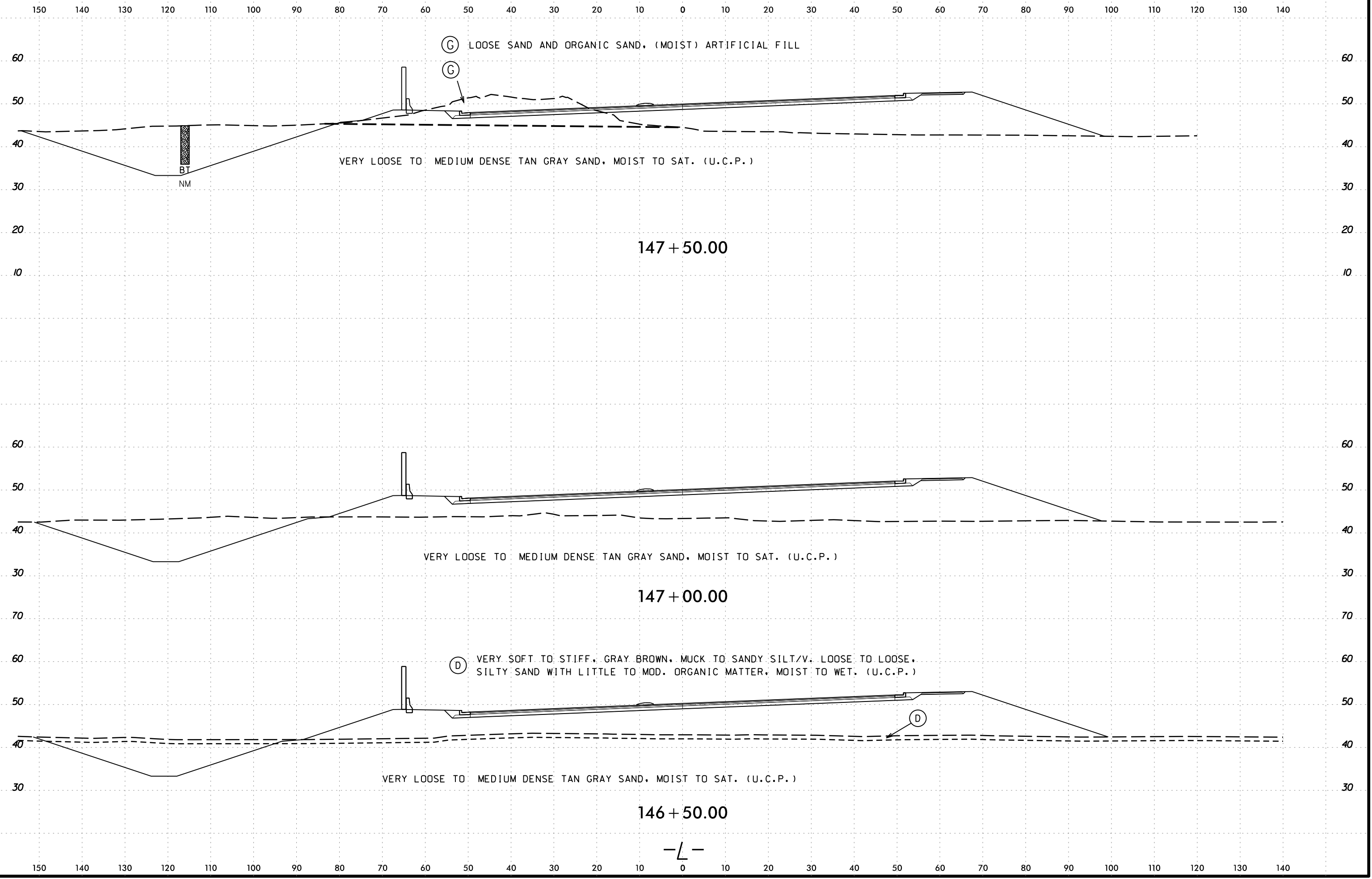


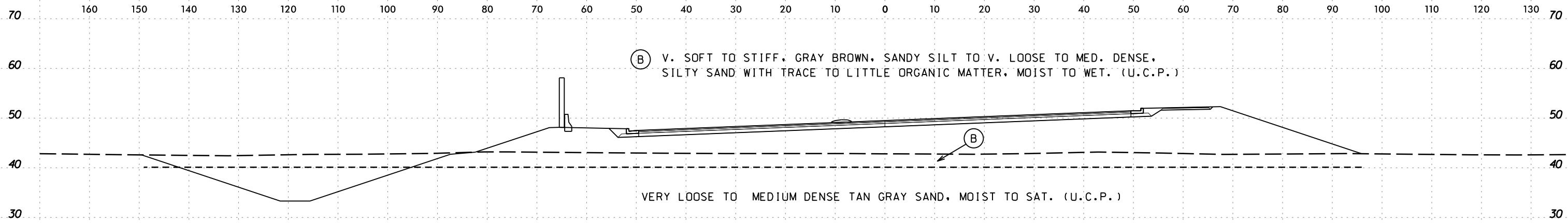
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145 + 50.00

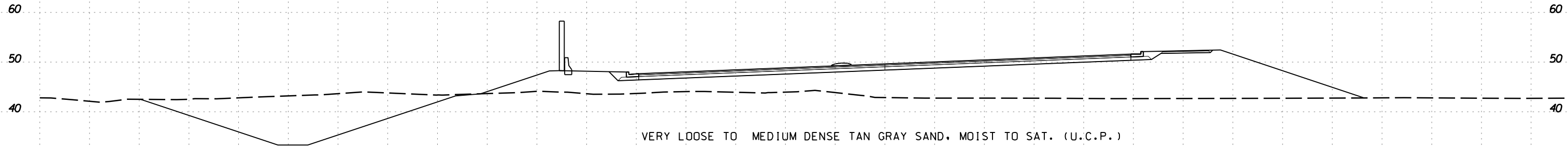
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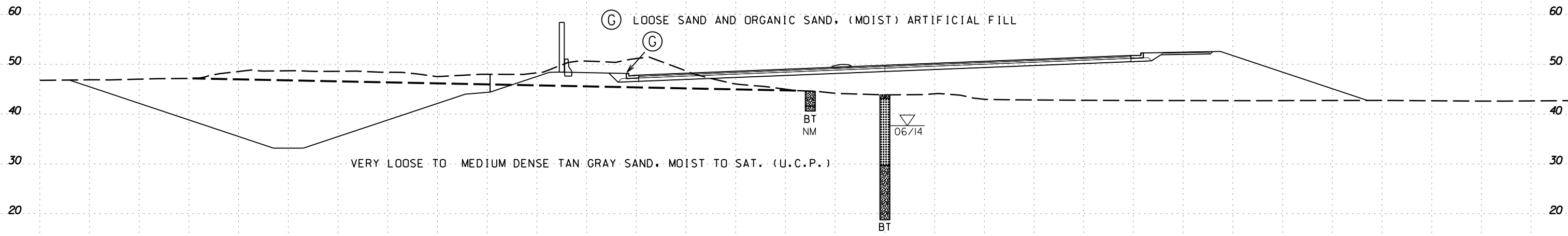




149 + 00.00



148 + 50.00

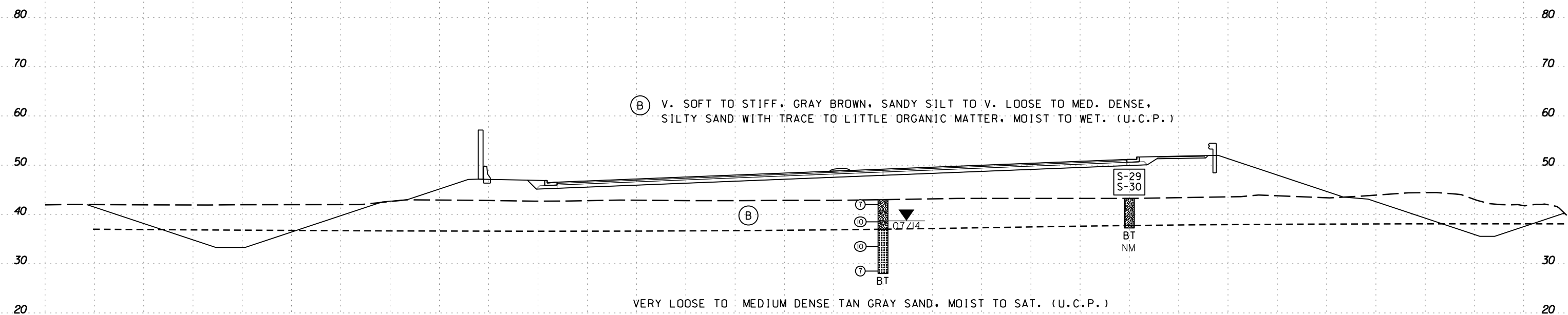


148 + 00.00

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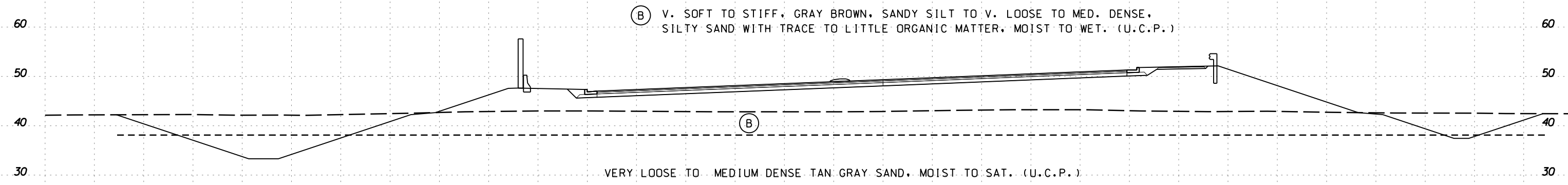
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



150 + 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-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



149 + 50.00

-L-

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

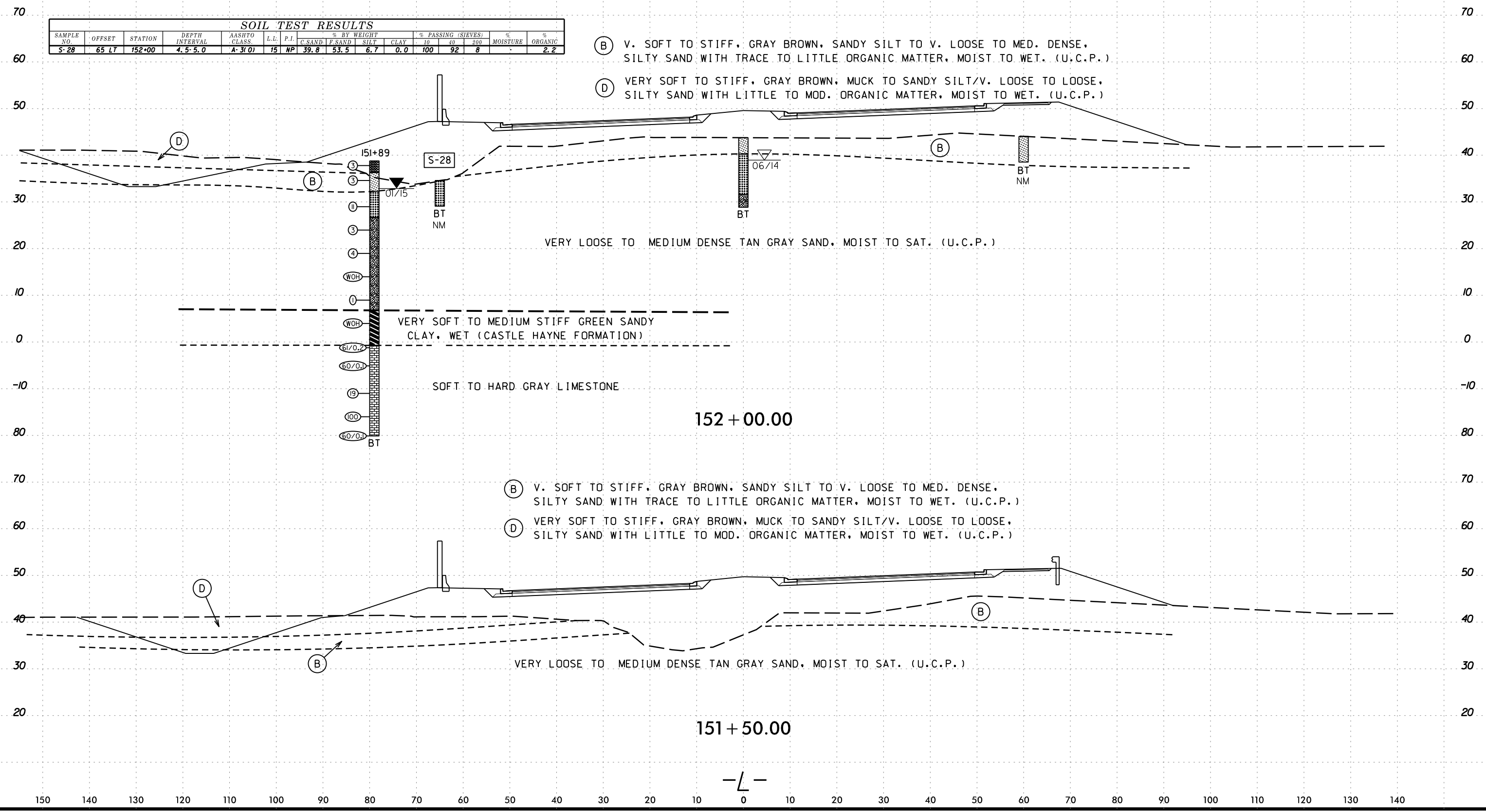
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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.)

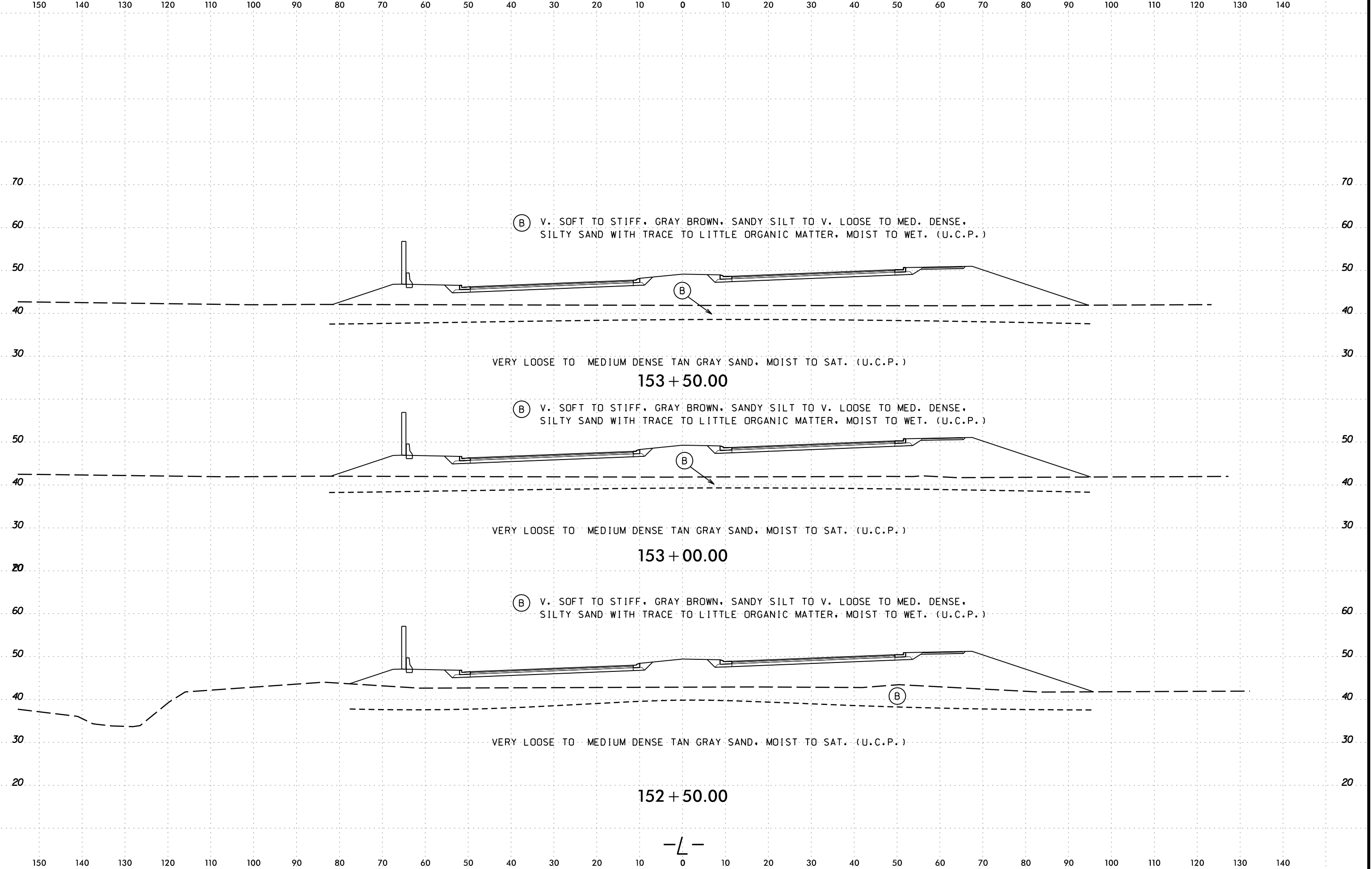


152 + 00.00

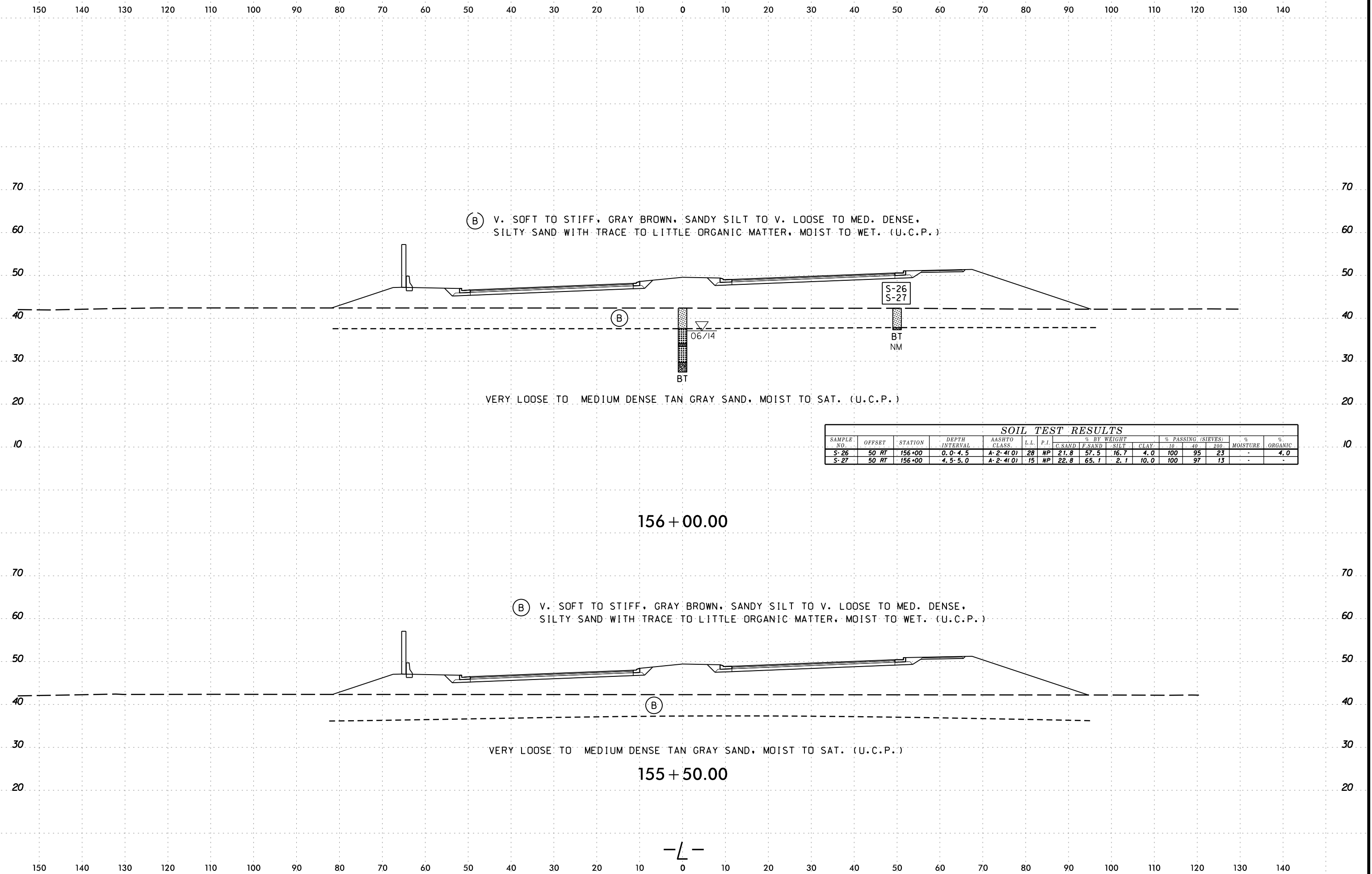
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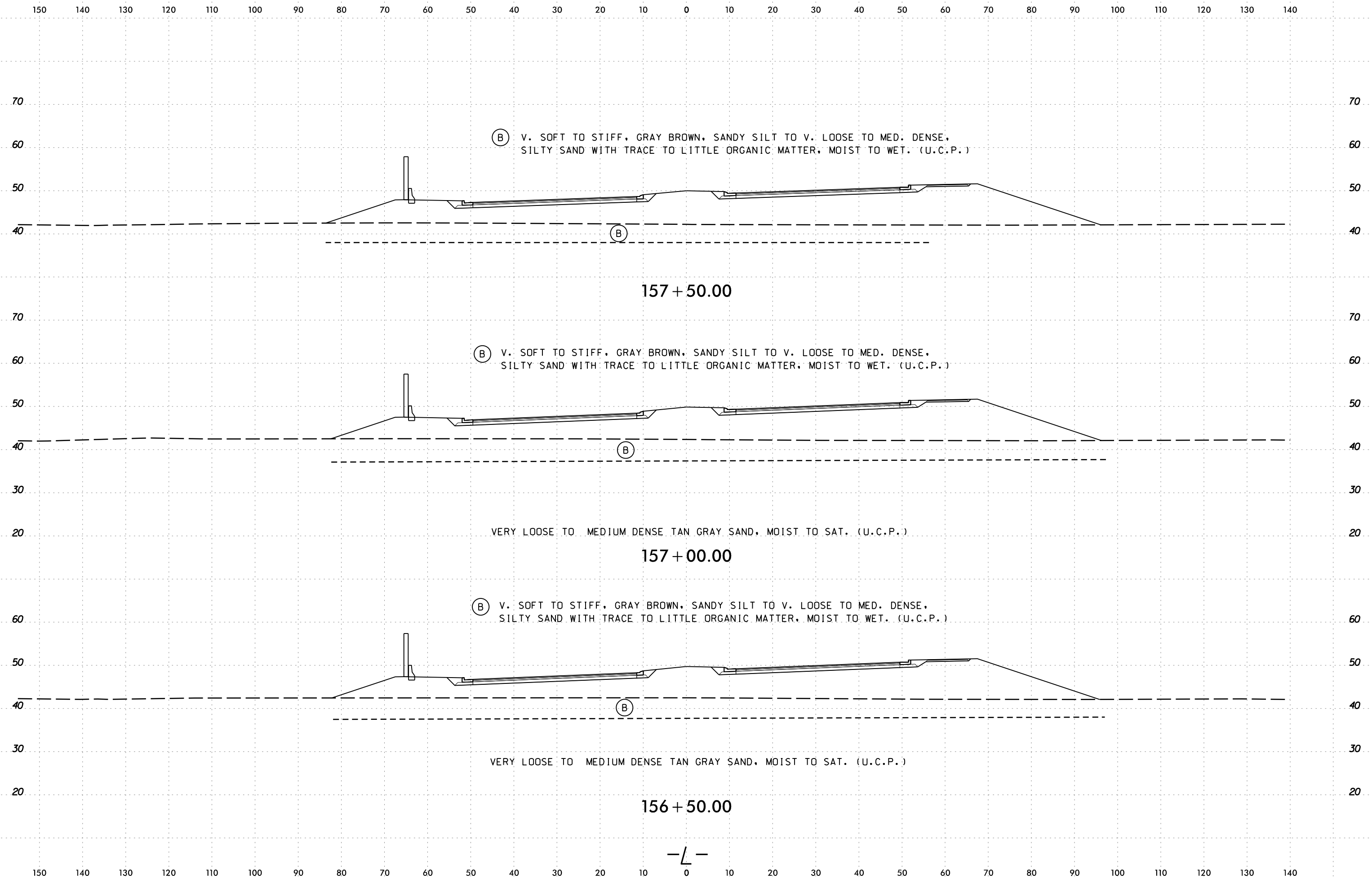


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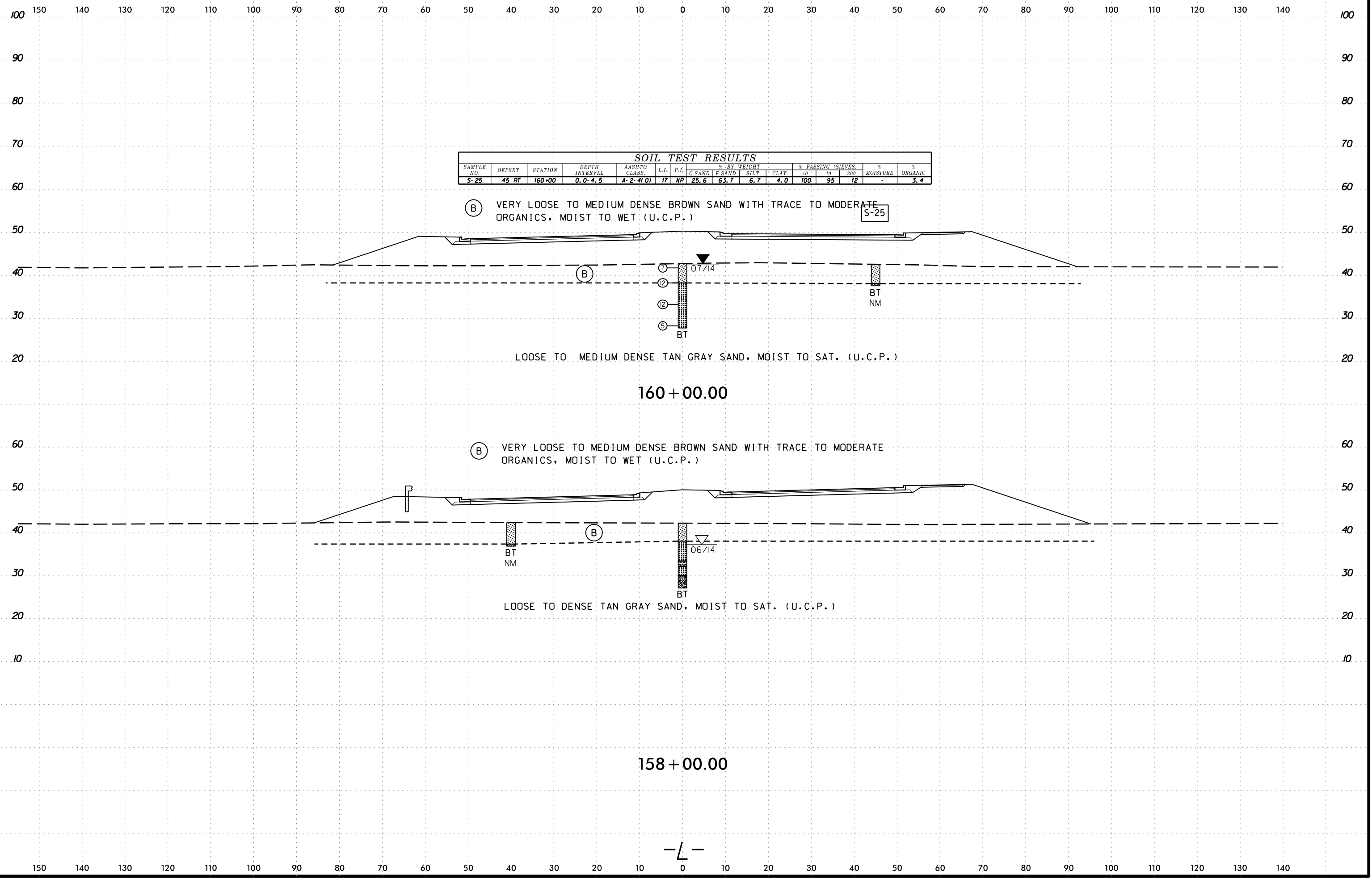


SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	- 10 -	- 40 -	- 200 -		
S-26	50 RT	156+00	0.0-4.5	A-2-4(0)	28	NP	21.8	57.5	16.7	4.0	100	95	23	-	4.0
S-27	50 RT	156+00	4.5-5.0	A-2-4(0)	15	NP	22.8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

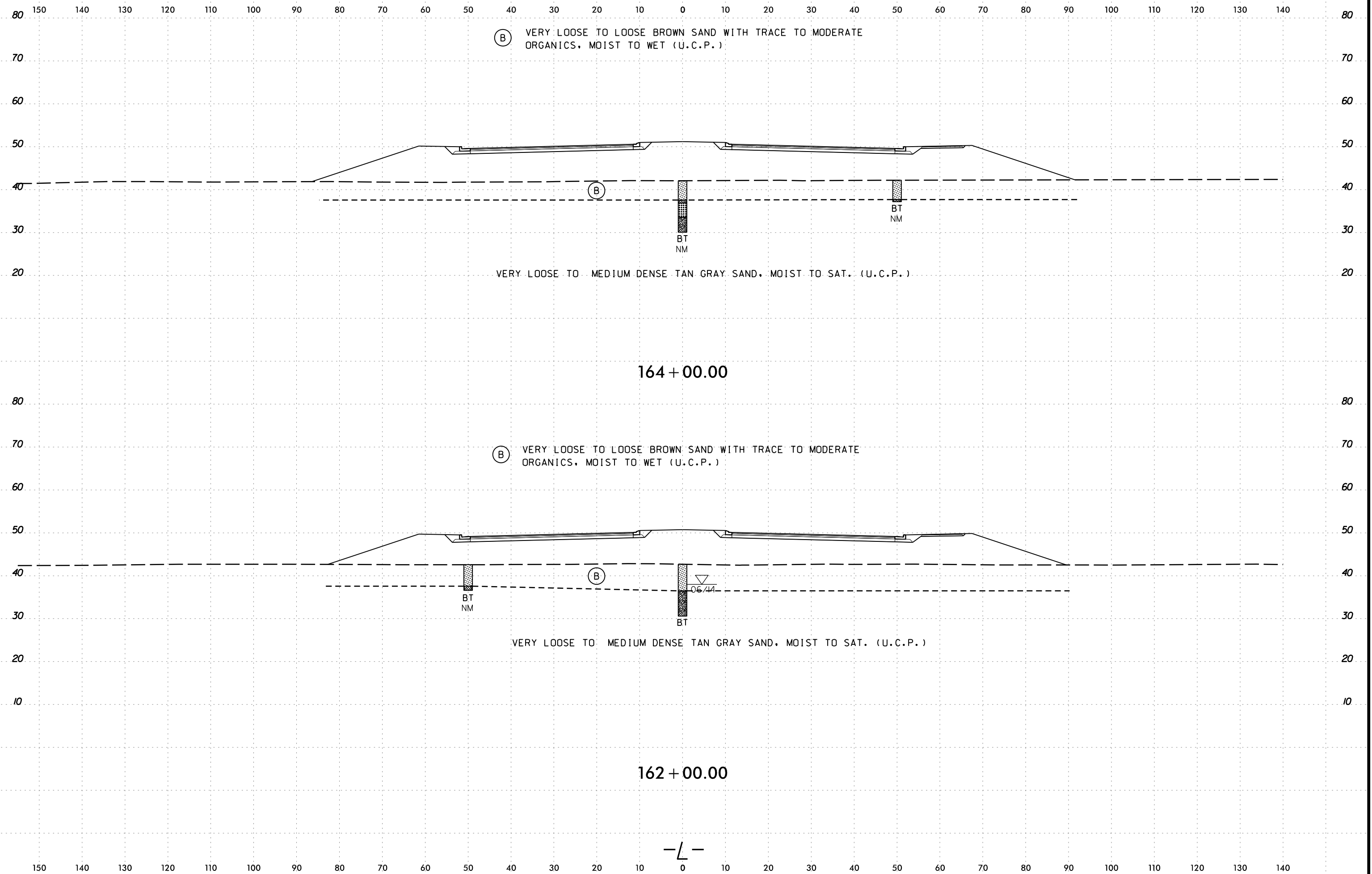
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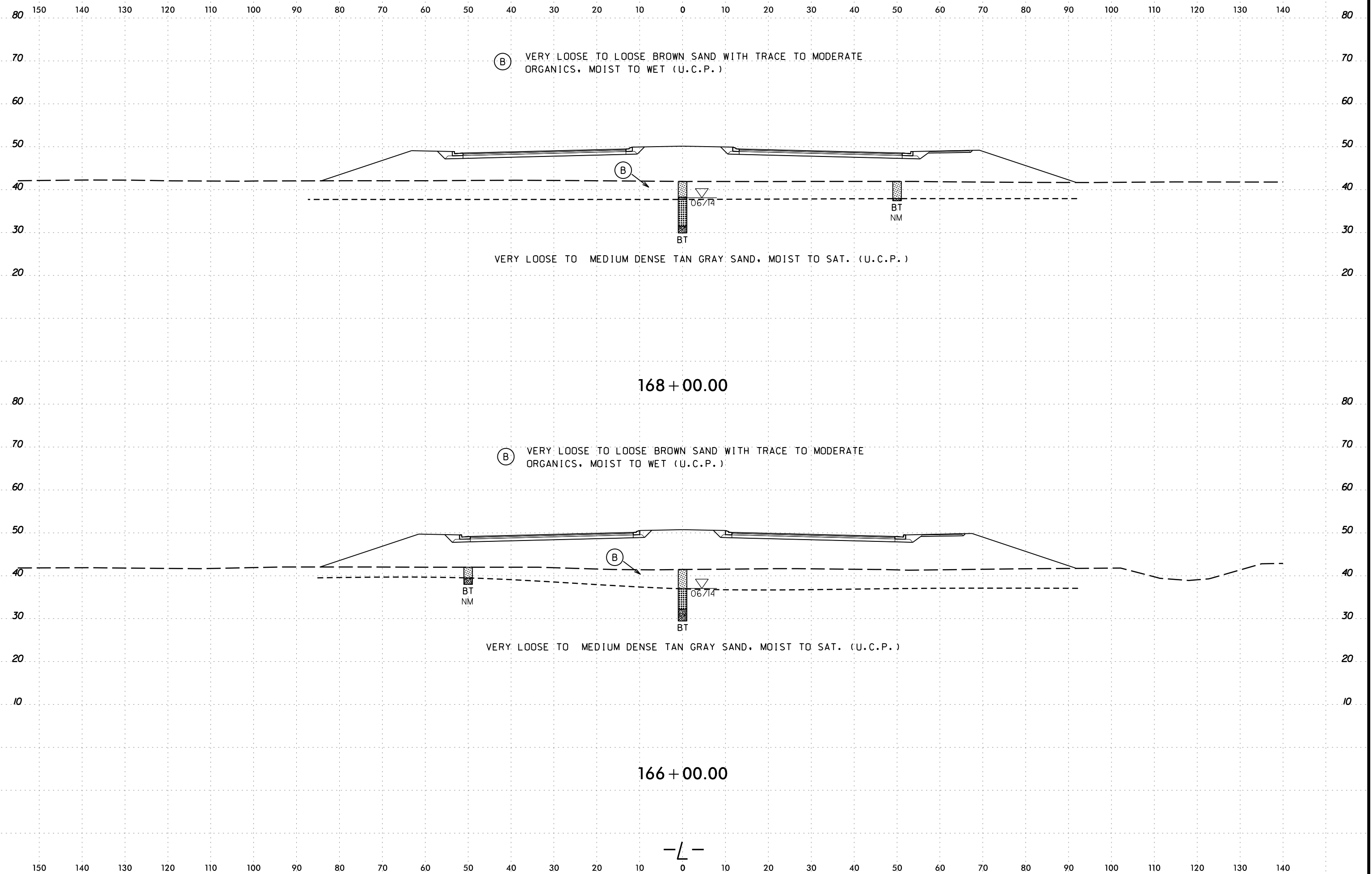
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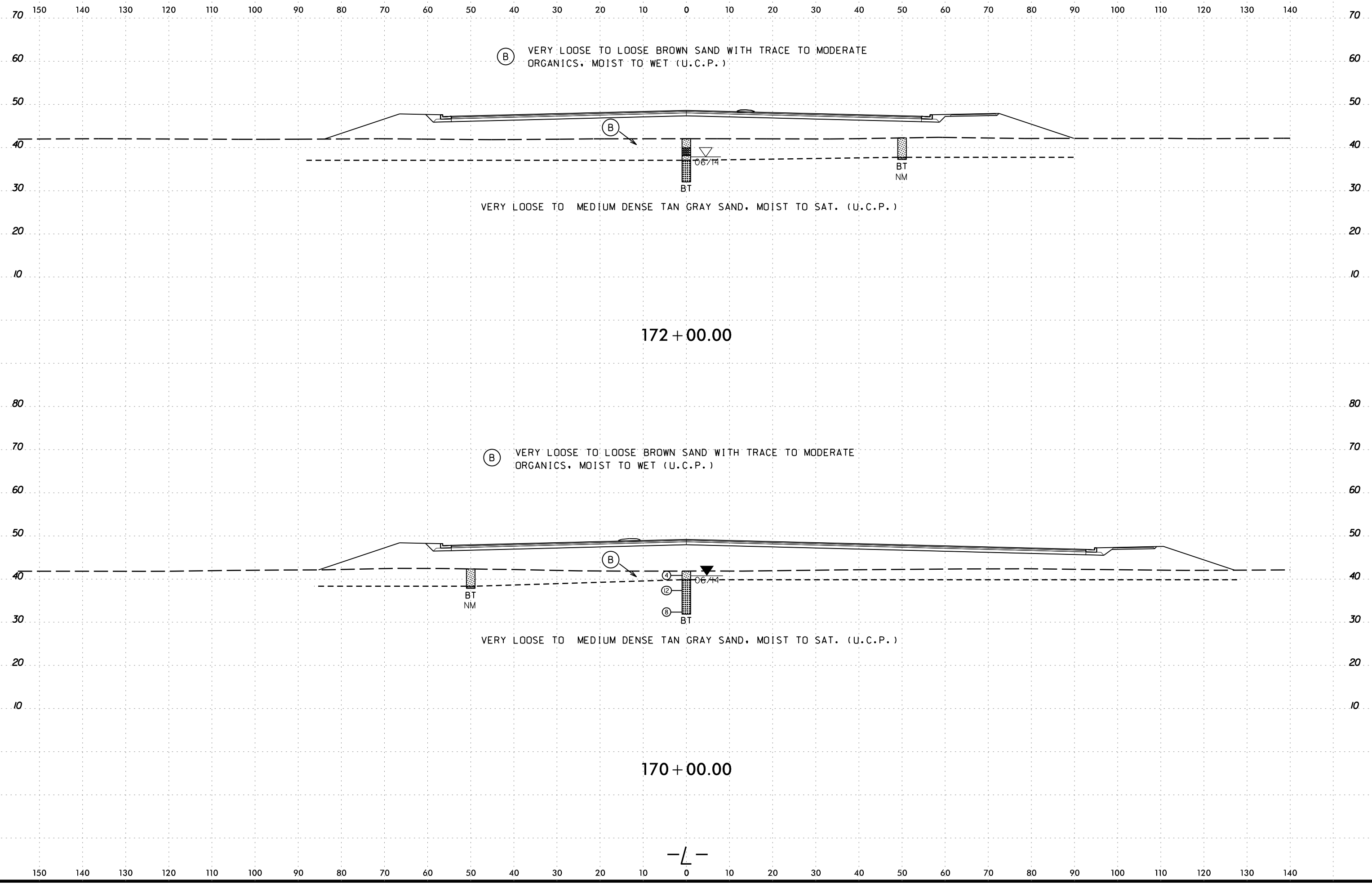
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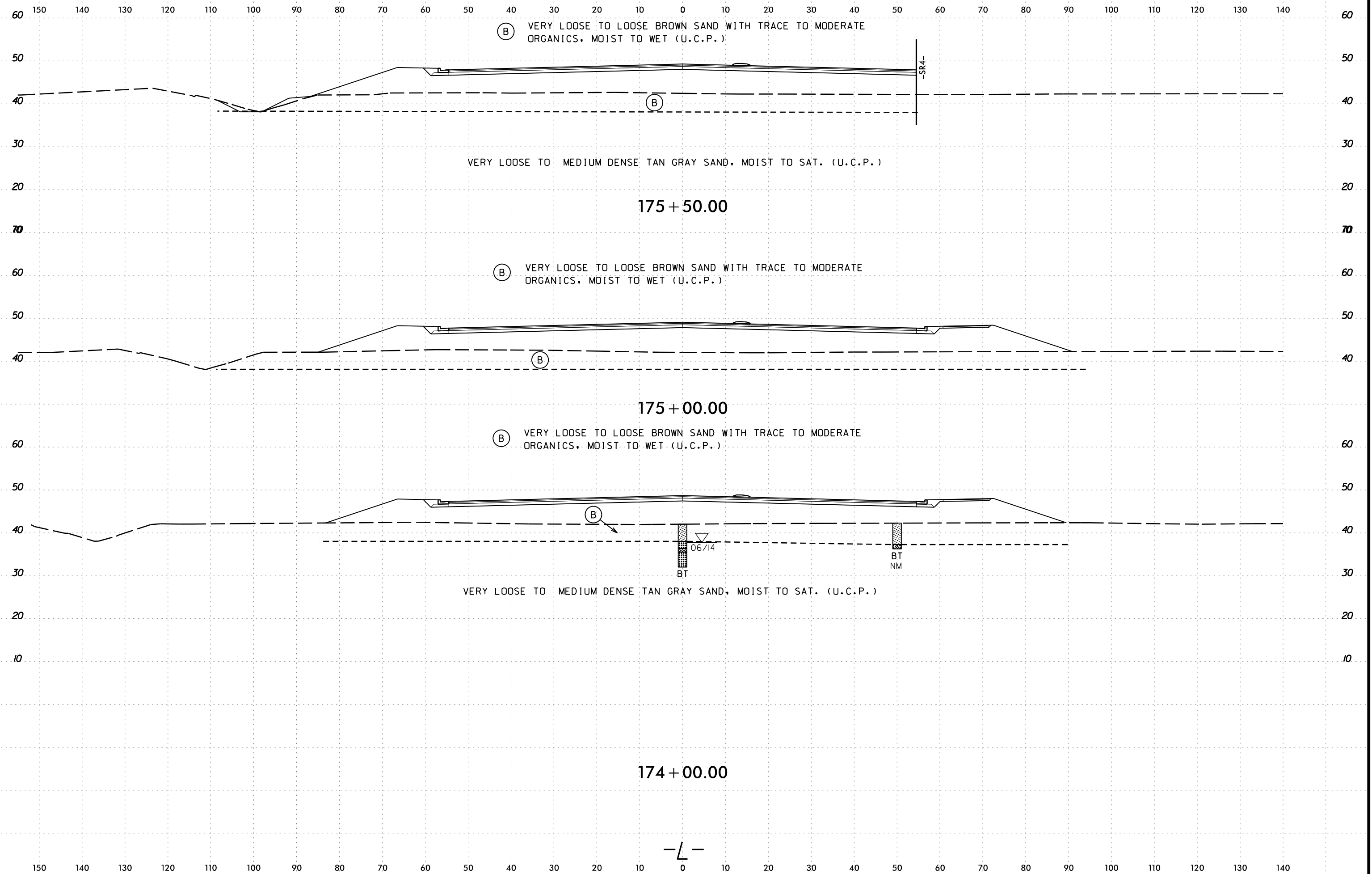
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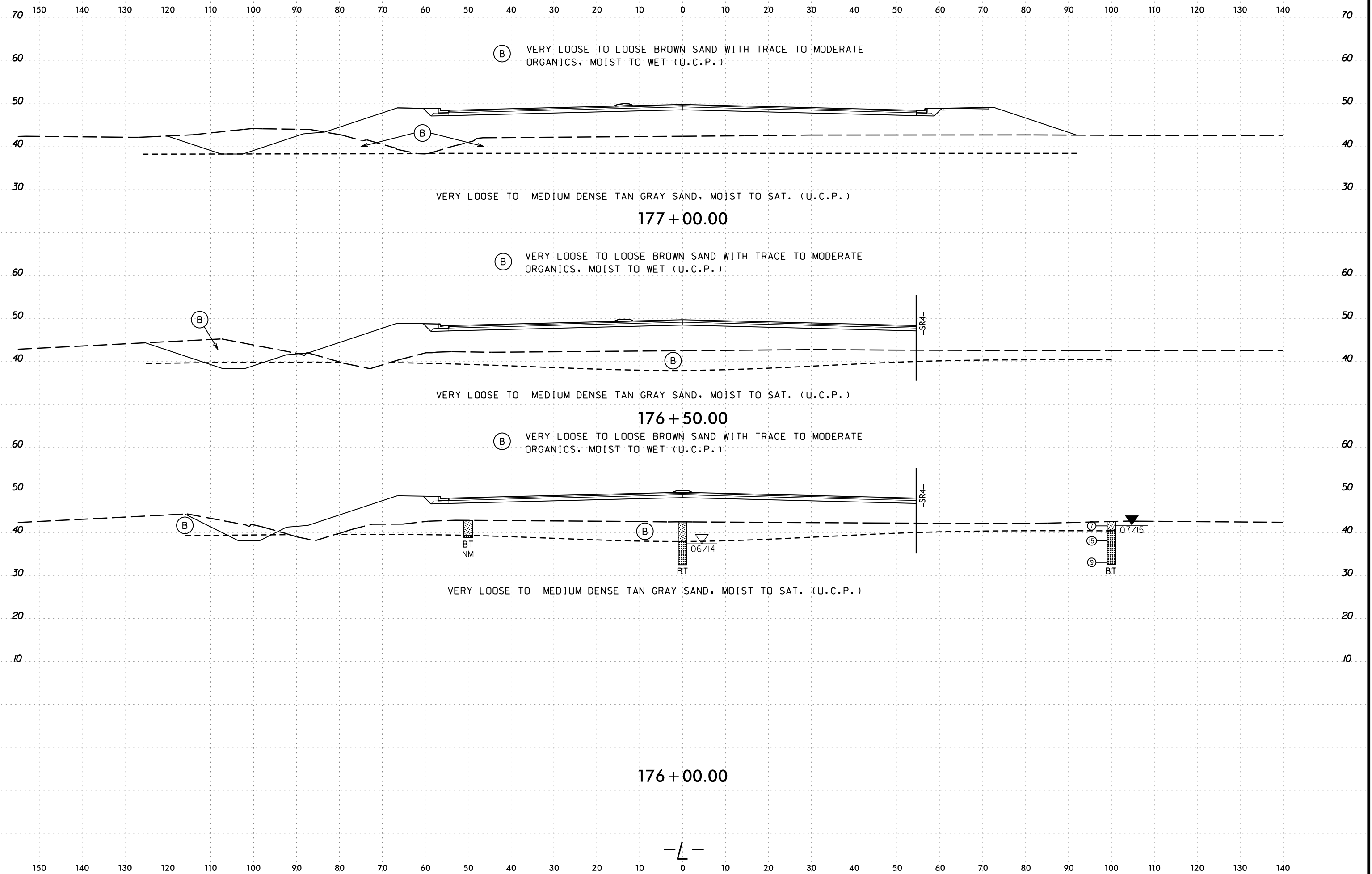


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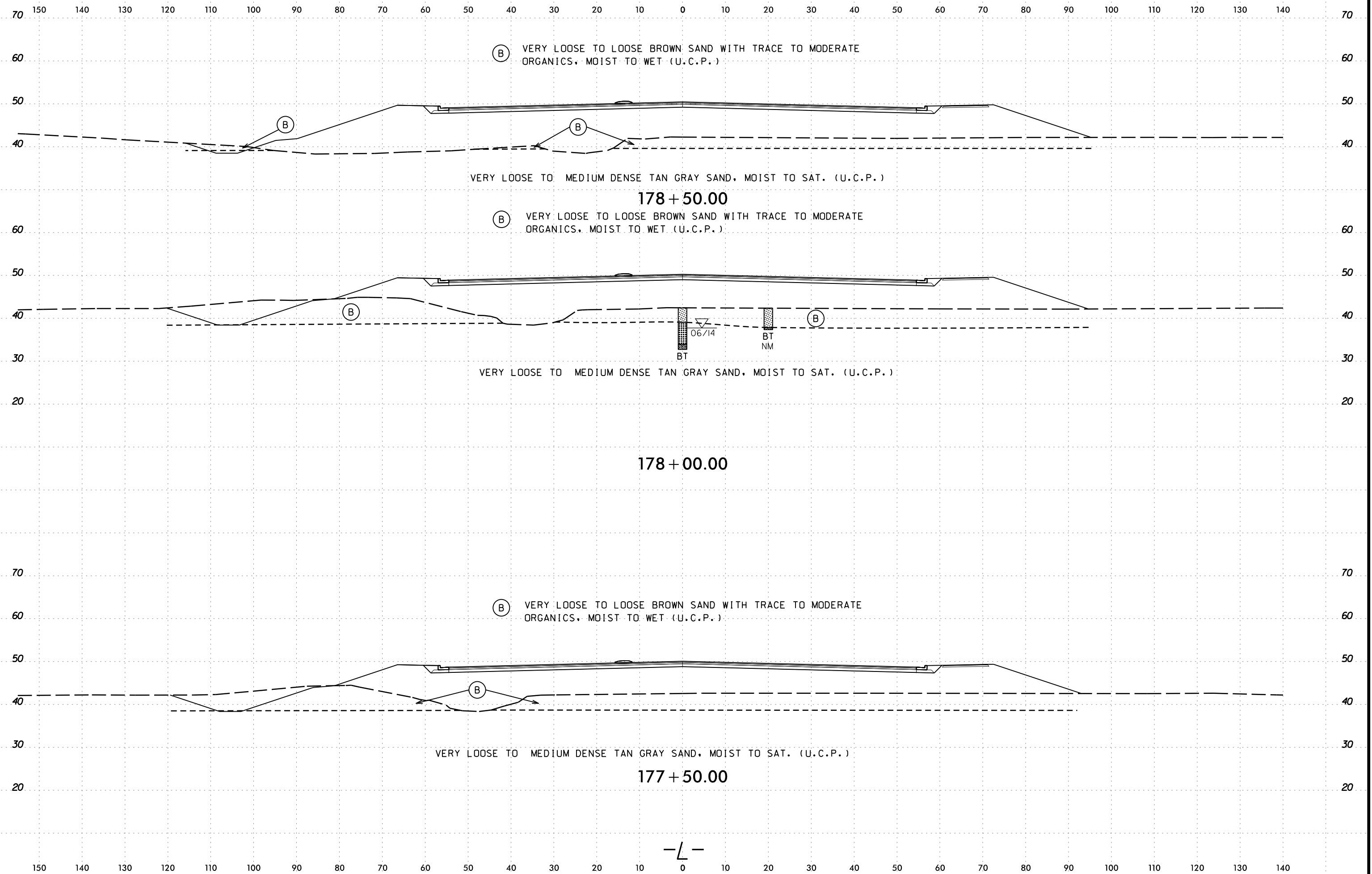
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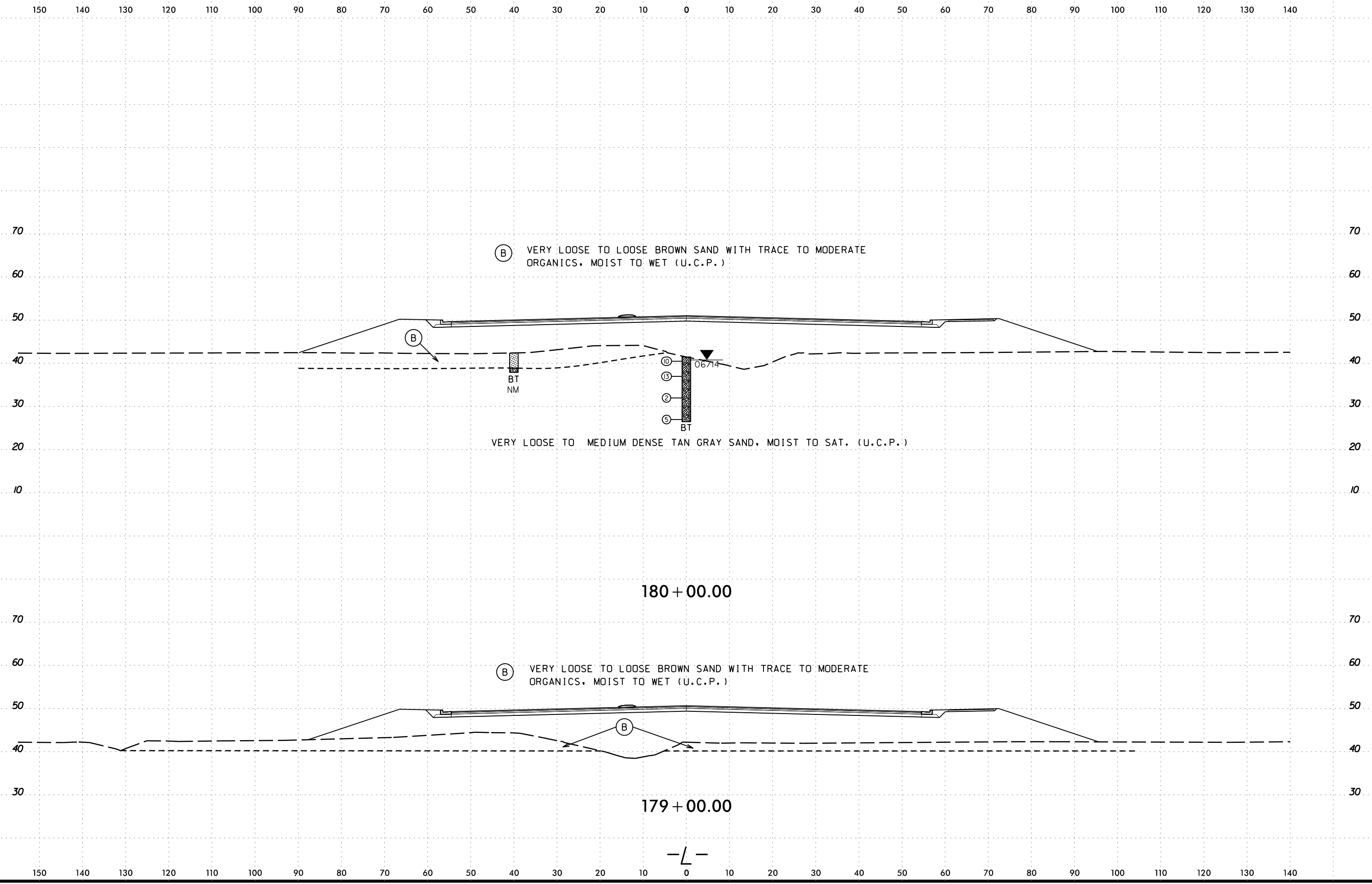
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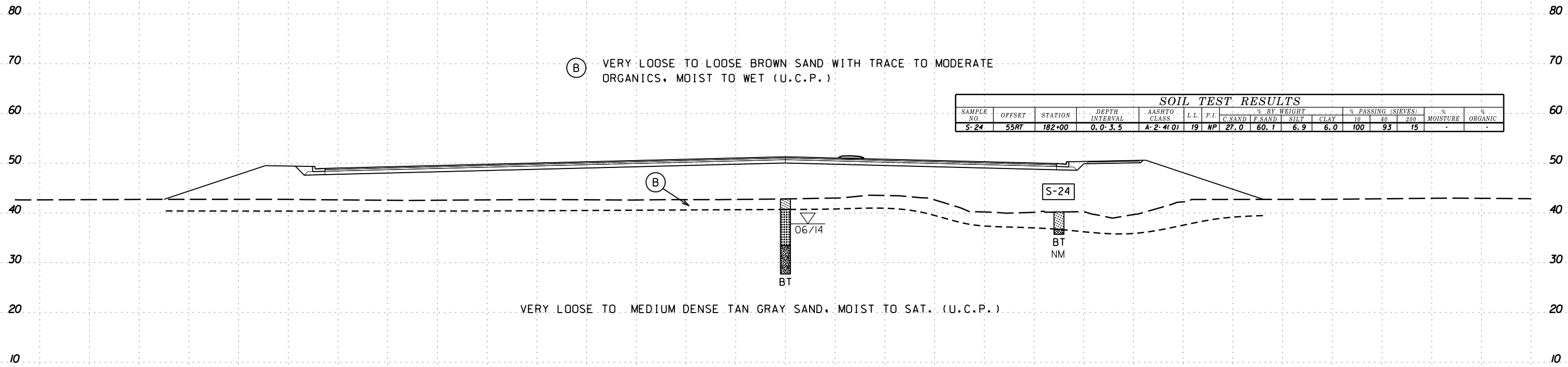
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



(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
BT

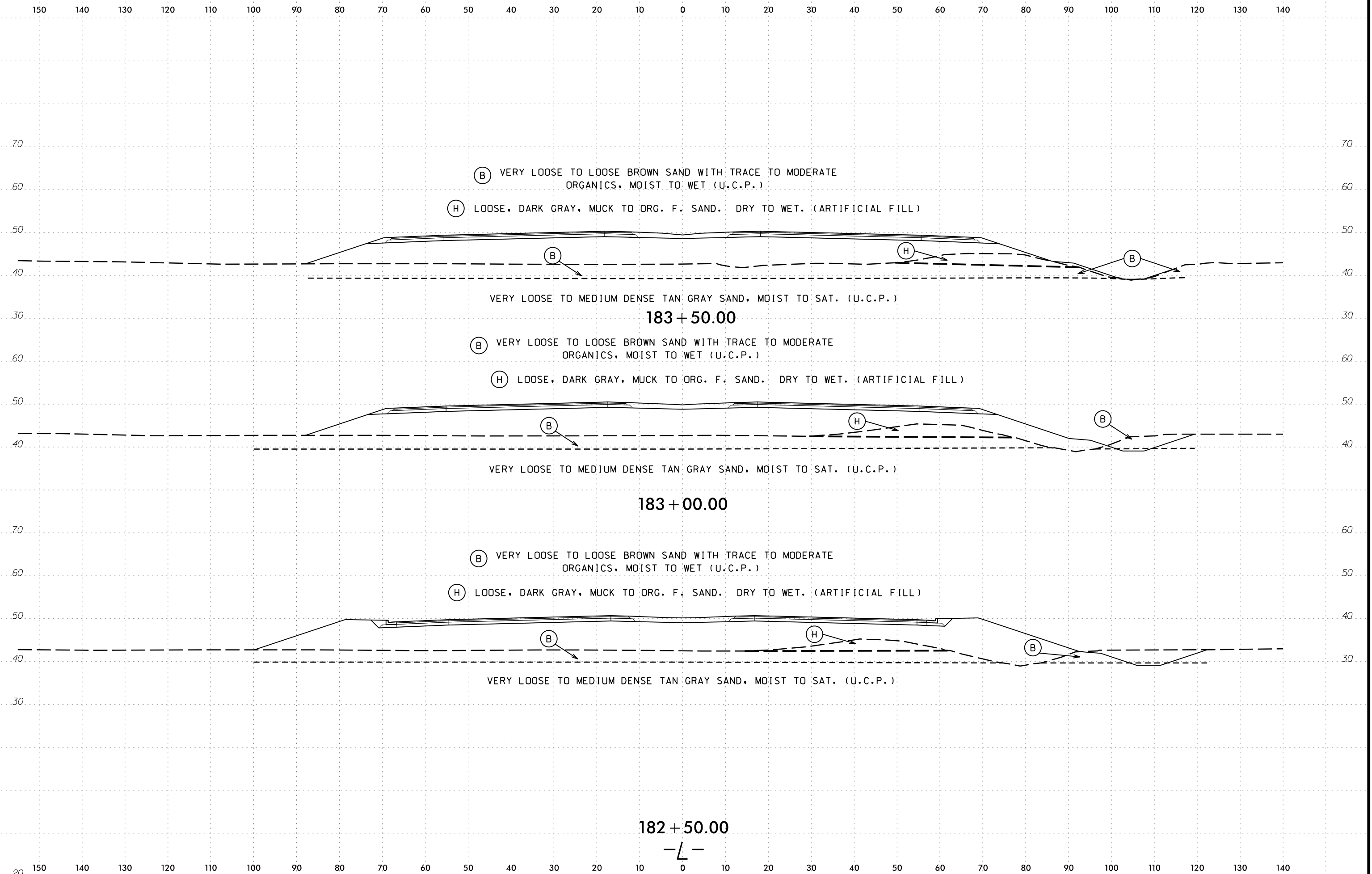
VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

182 + 00.00

-L-

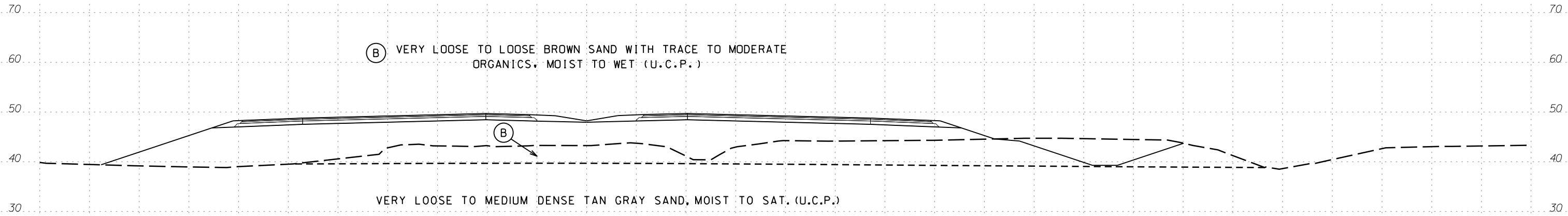
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DICKERSON

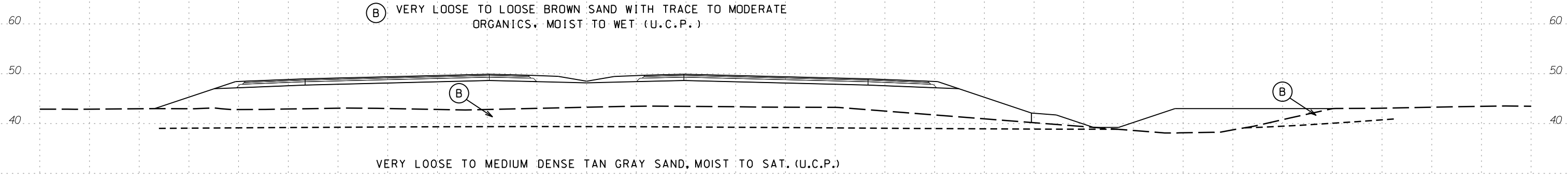


-L-

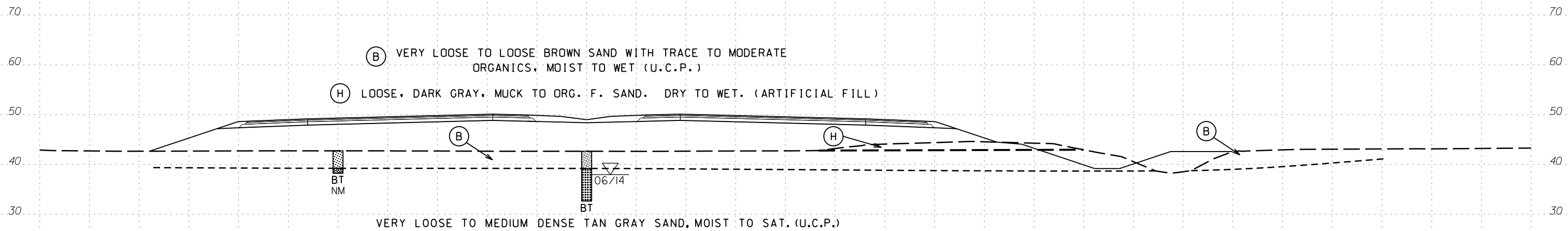
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185 + 00.00



184 + 50.00



184 + 00.00

-L-

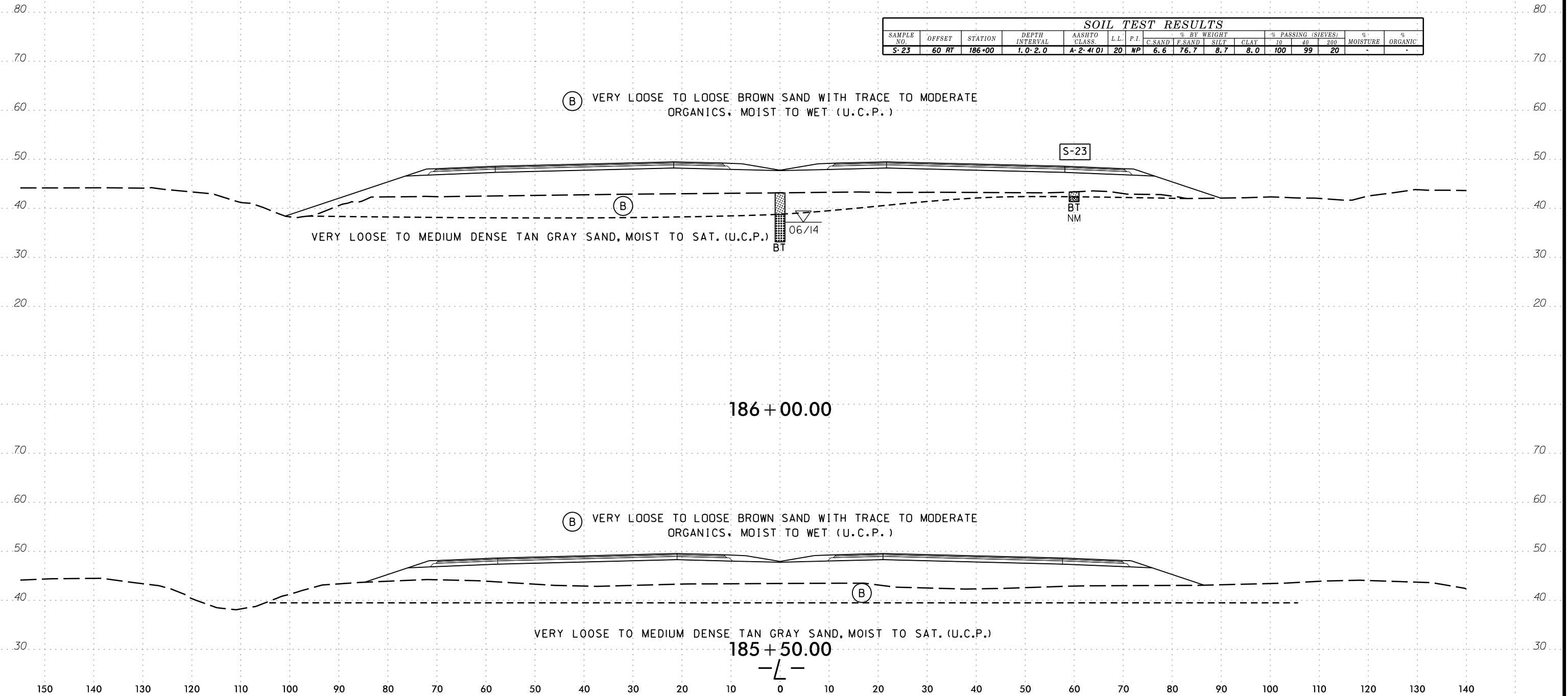
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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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

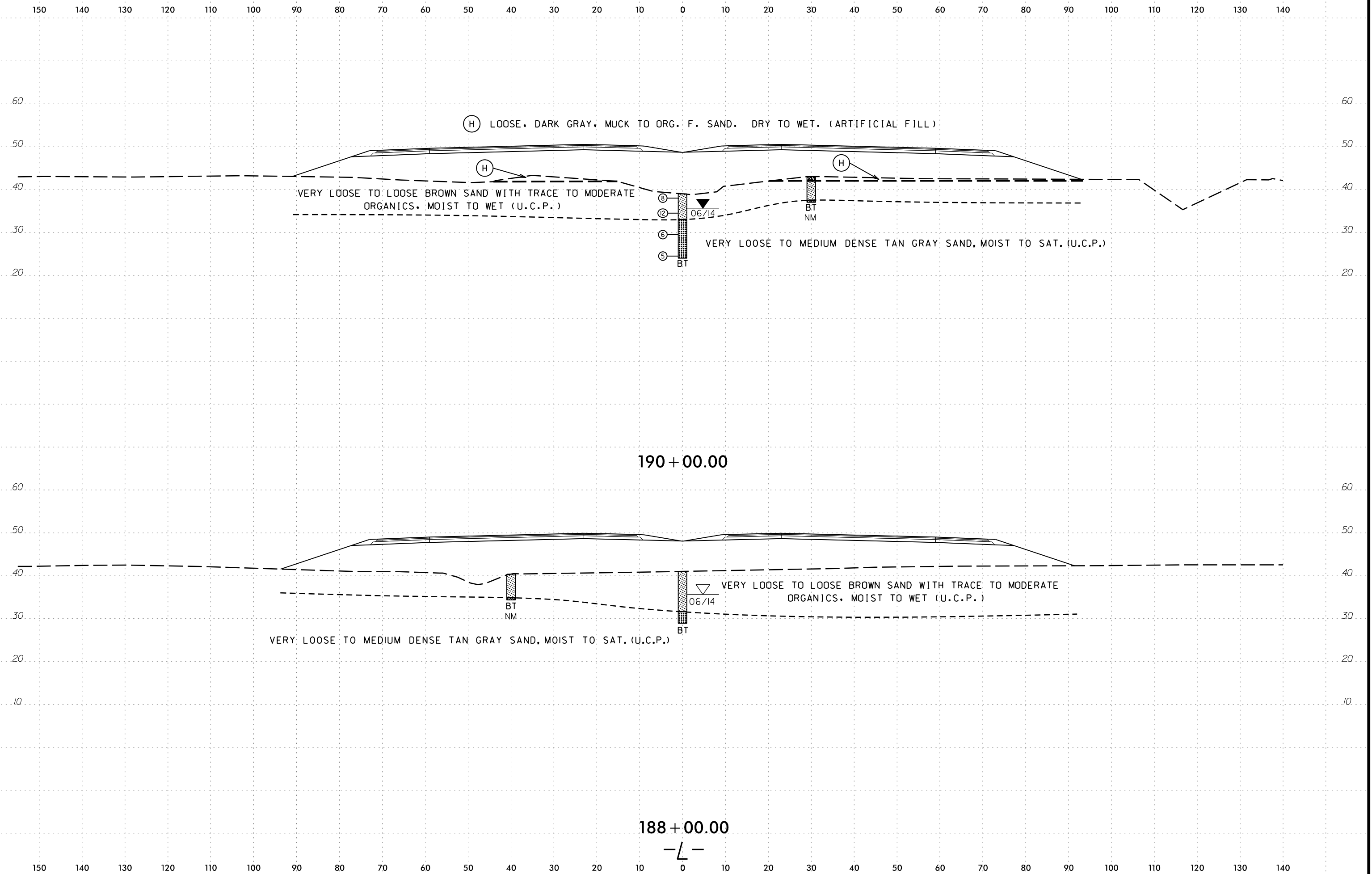
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

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

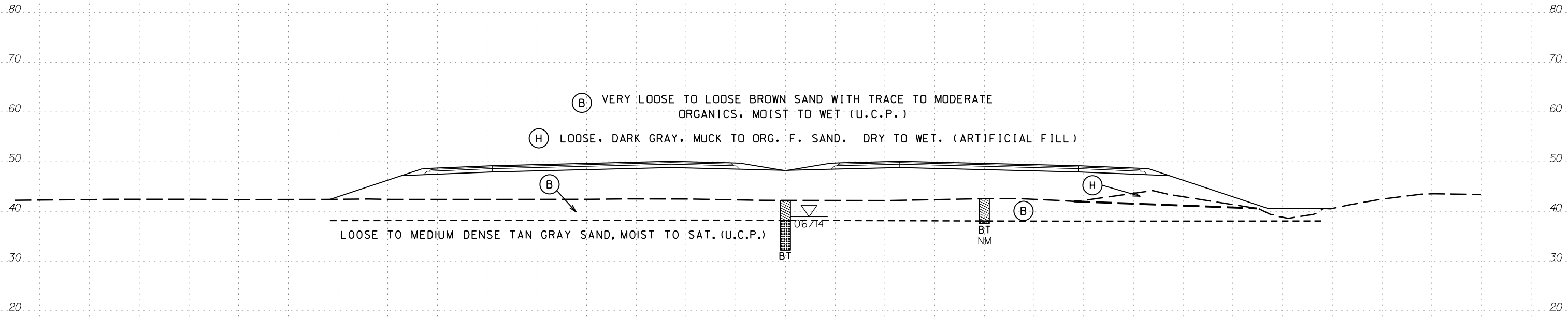
185 + 50.00

—L—

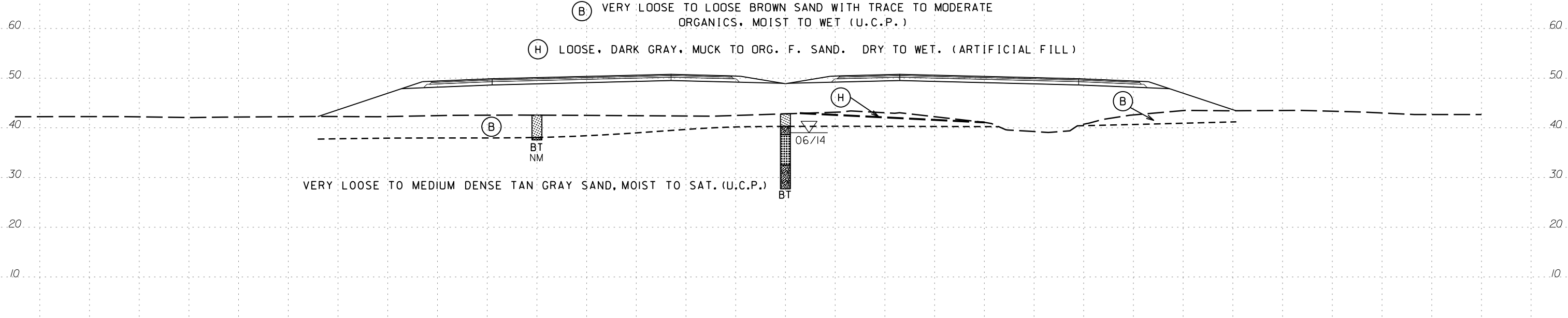
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DICKERSON



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



194+00.00

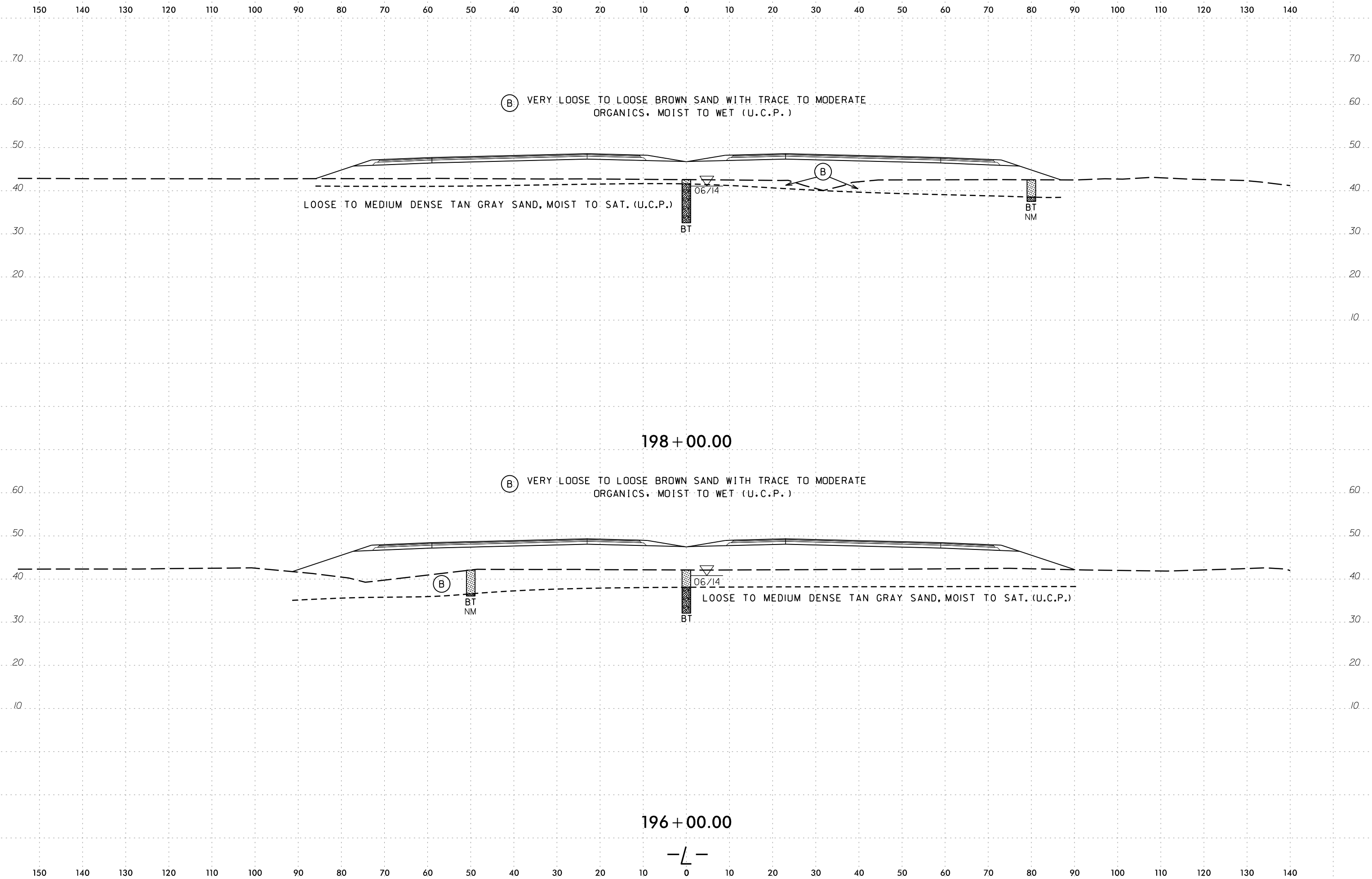


192+00.00

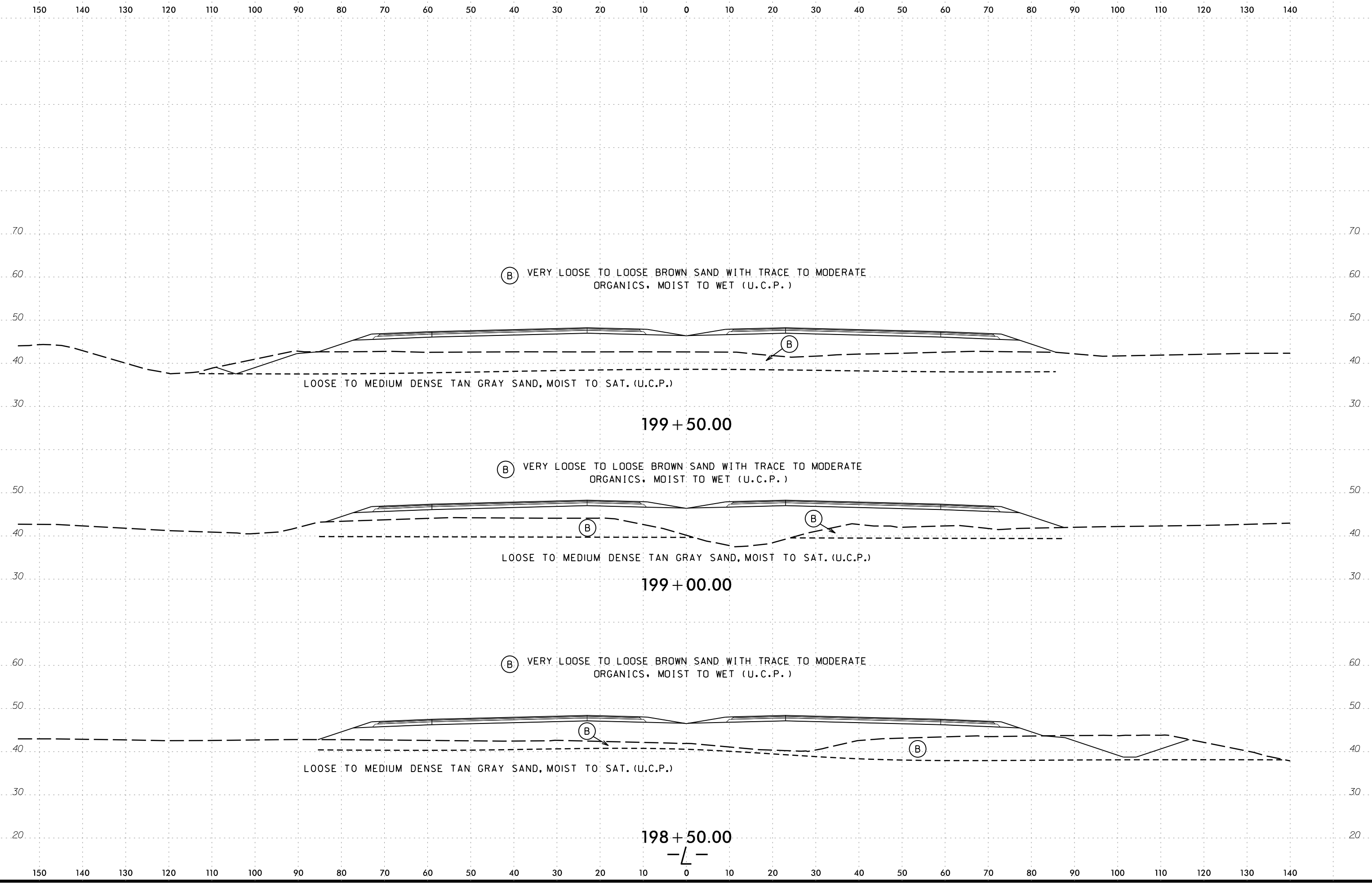
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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DICKERSON

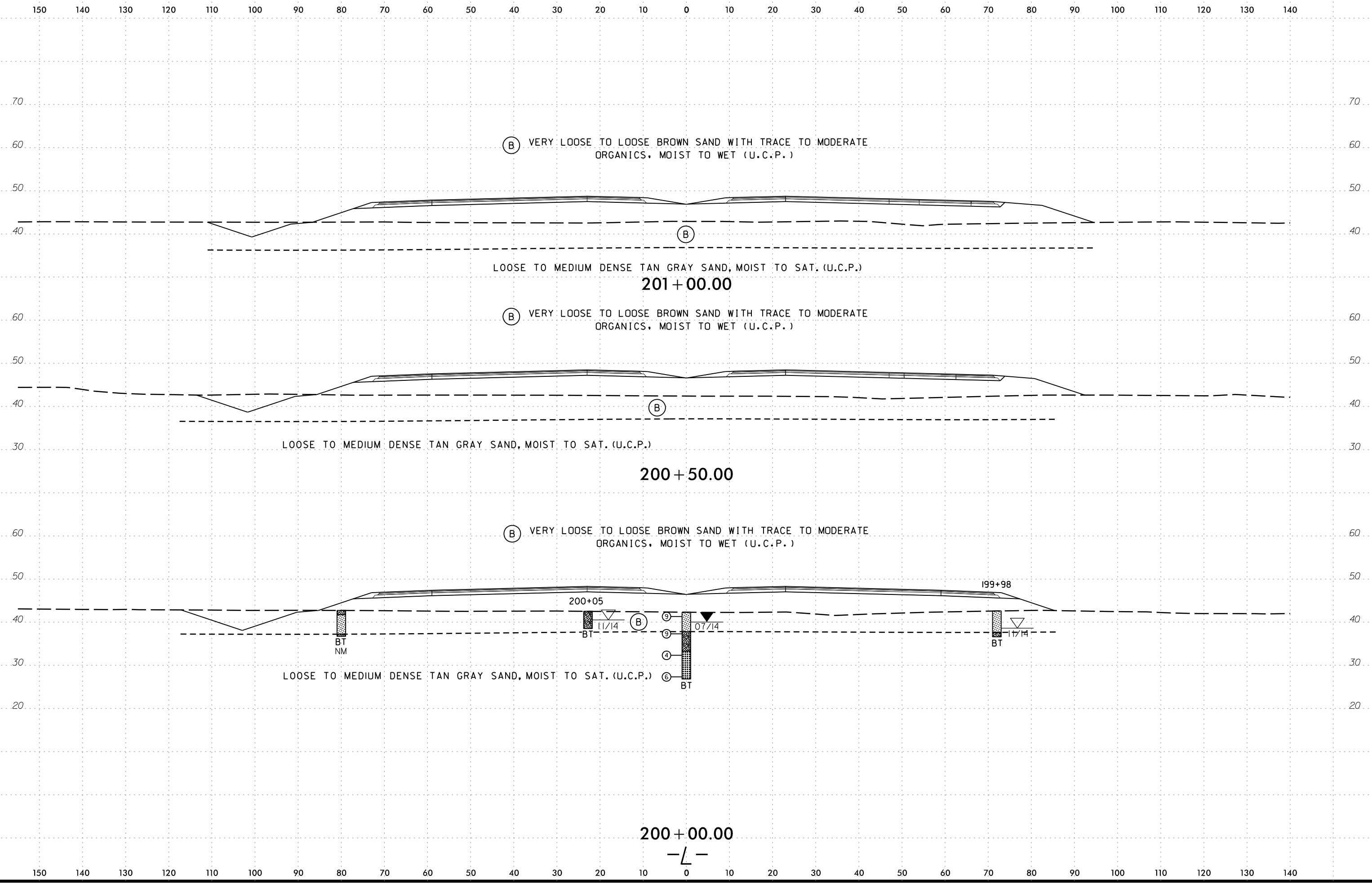


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military cutoff report\4751-geo.rdwj.dot - copy\cadd\geotech\ssc\XSI-XSR_NEW.L\4751-Geo.xpl.L2.INV.dgn



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

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)
201 + 00.00

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

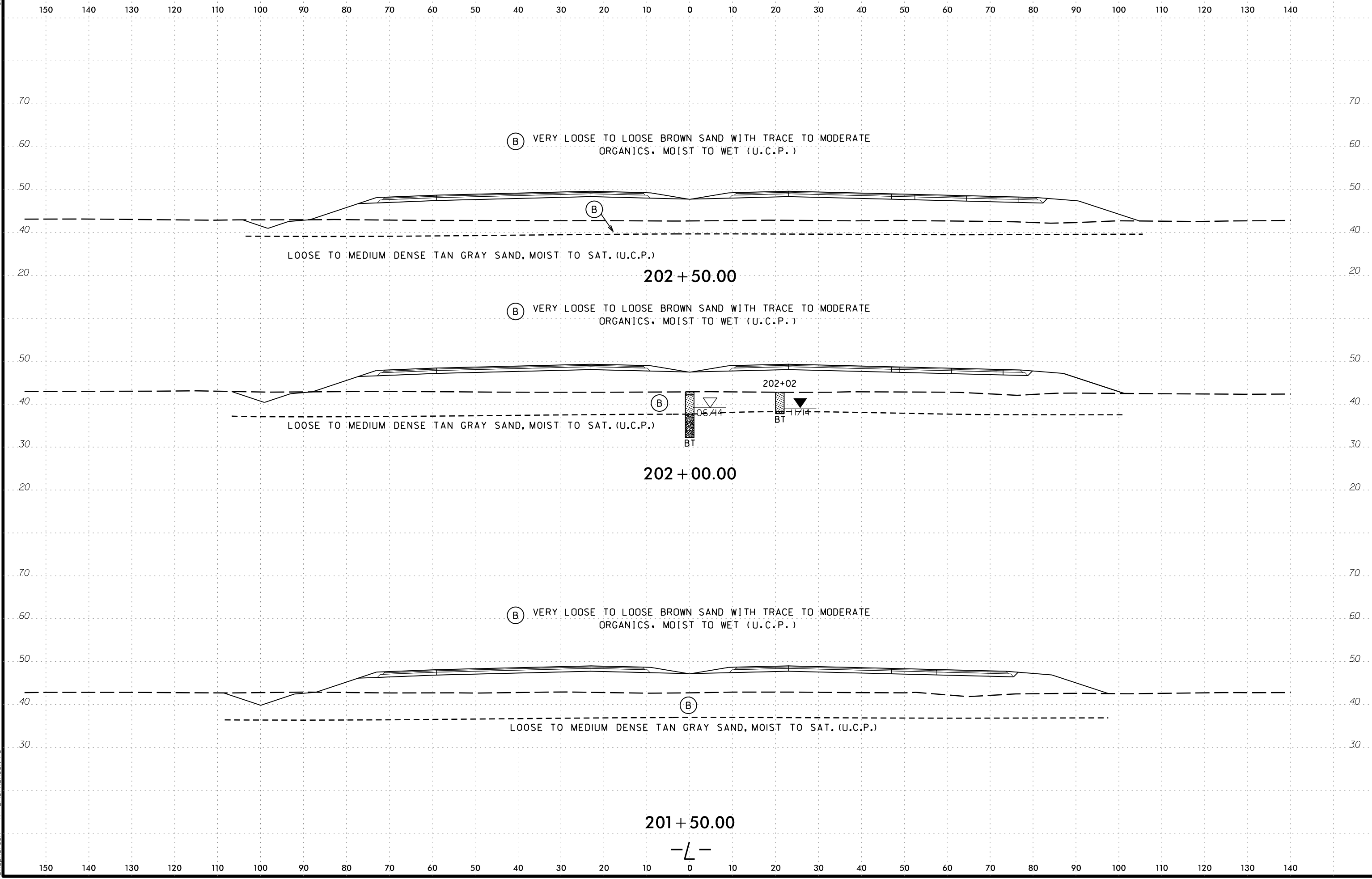
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)
200 + 50.00

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

200+05
BT NM
BT 11/14
BT 07/14
BT 11/14
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)
199+98

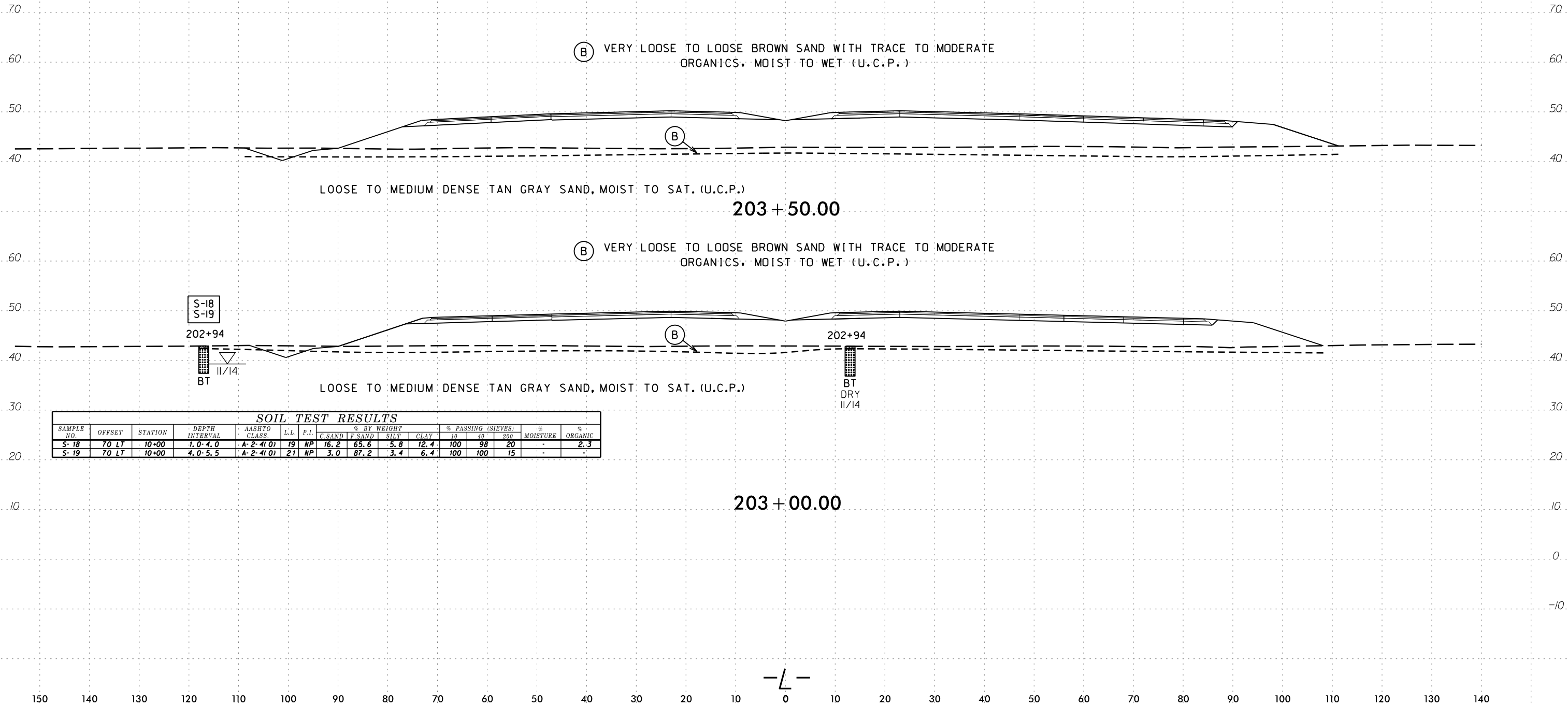
200 + 00.00
-L-

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DICKERSON



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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



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

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)
203 + 50.00

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

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)
BT DRY II/14

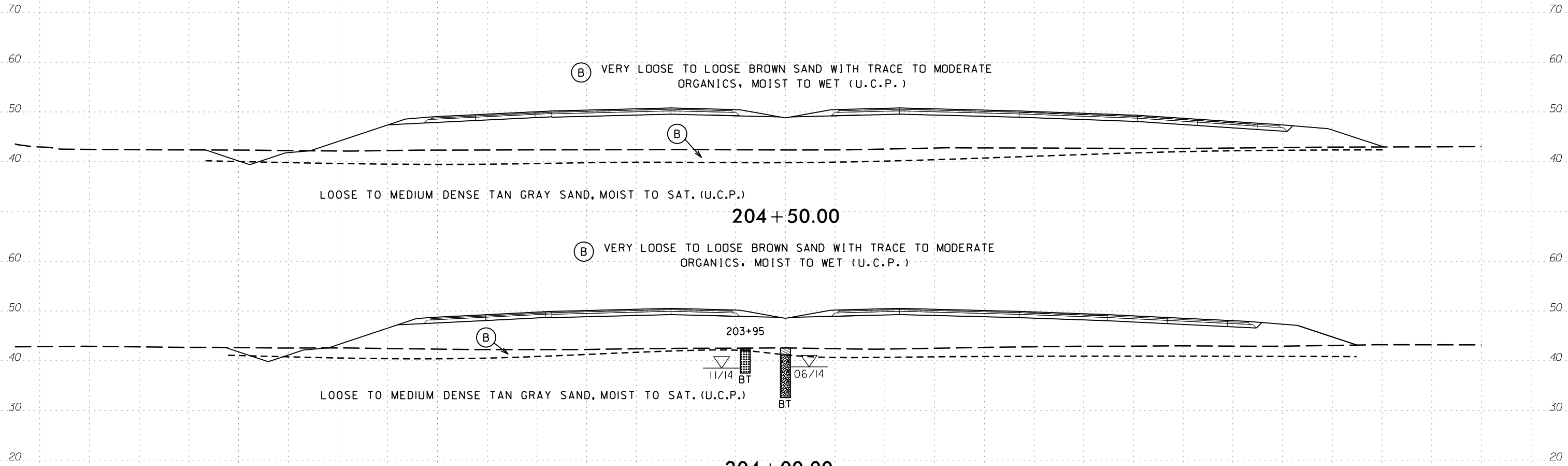
S-18
S-19
BT II/14

202+94
BT DRY II/14

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	SOIL TEST RESULTS											
				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	-	-

203 + 00.00

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

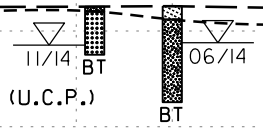


LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

204 + 50.00

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

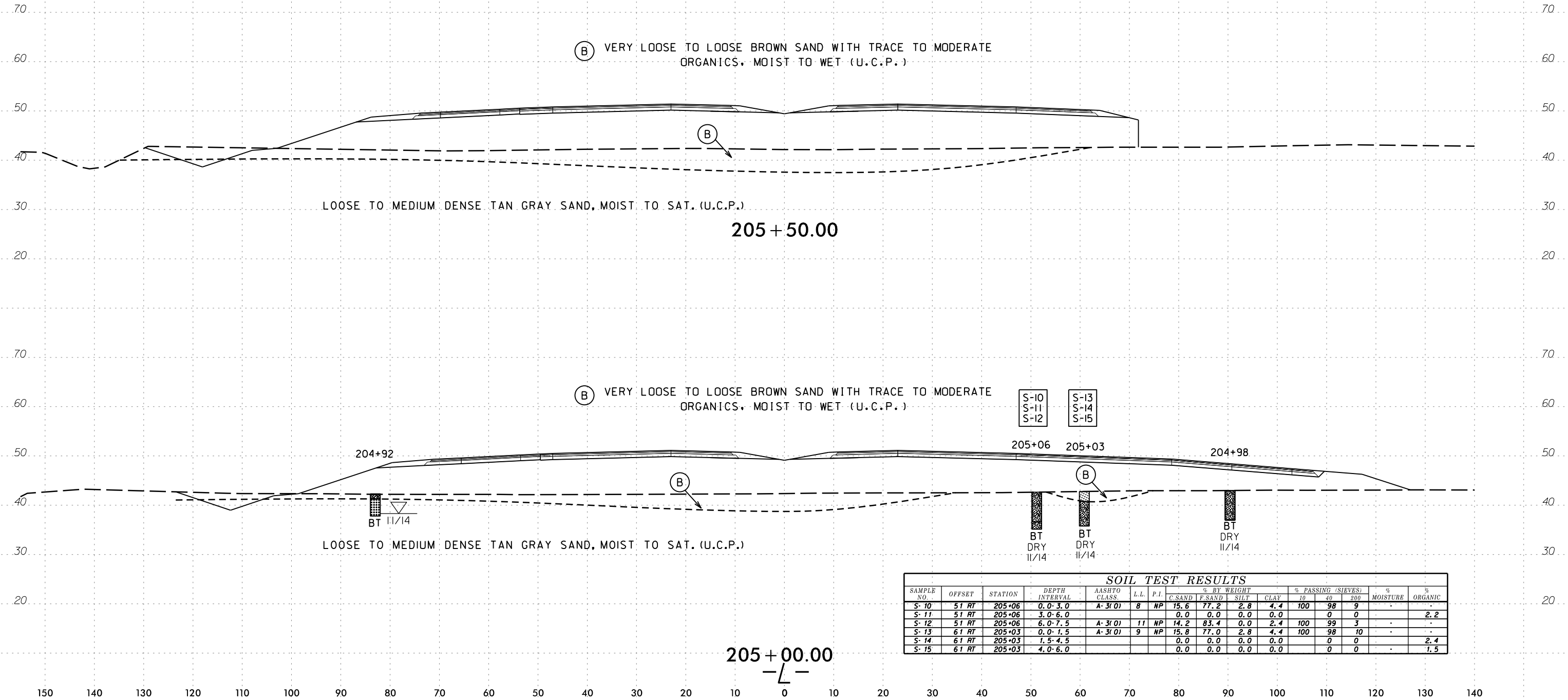
203+95



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

204 + 00.00

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



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)

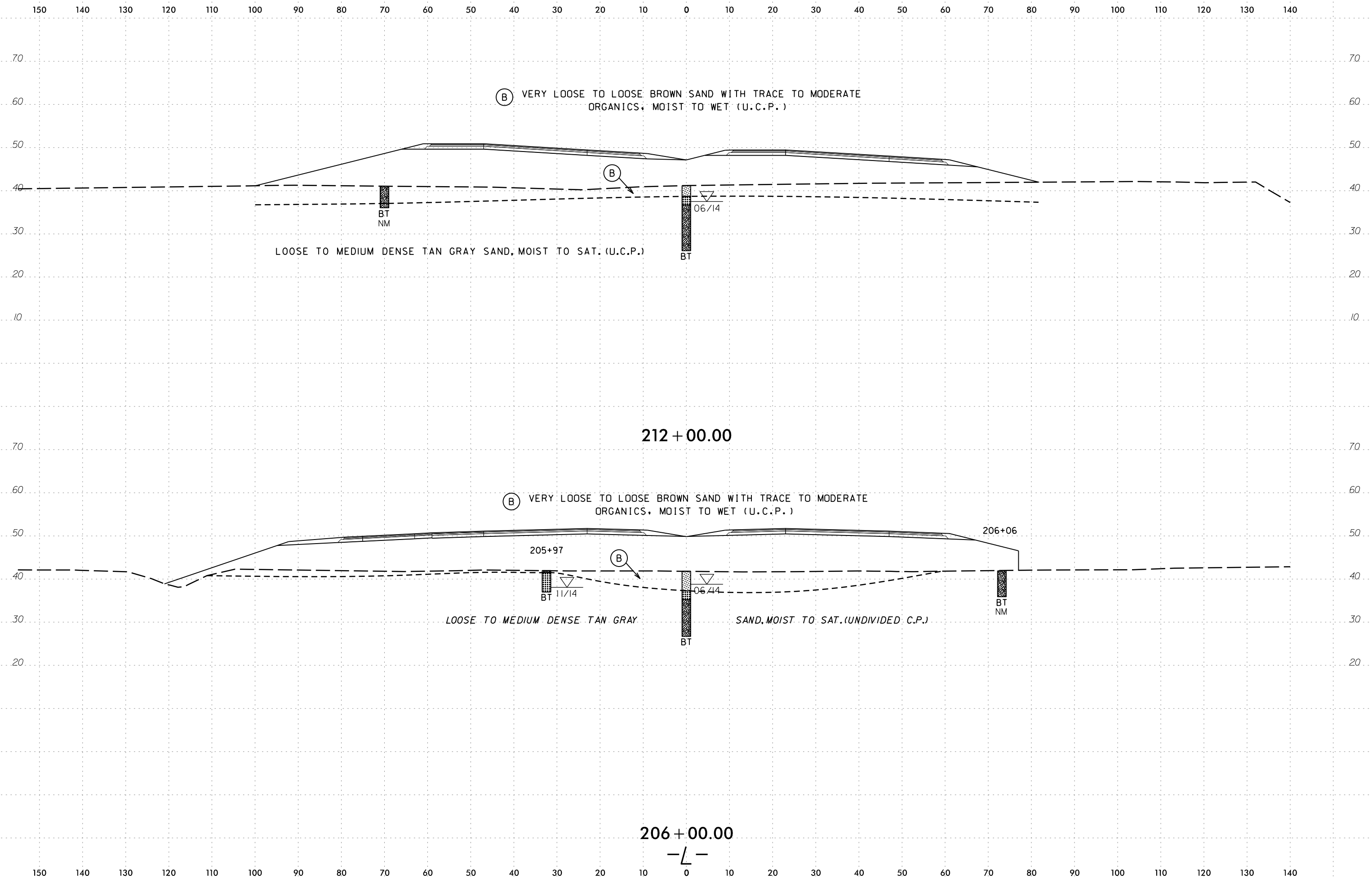
(B)

205 + 00.00

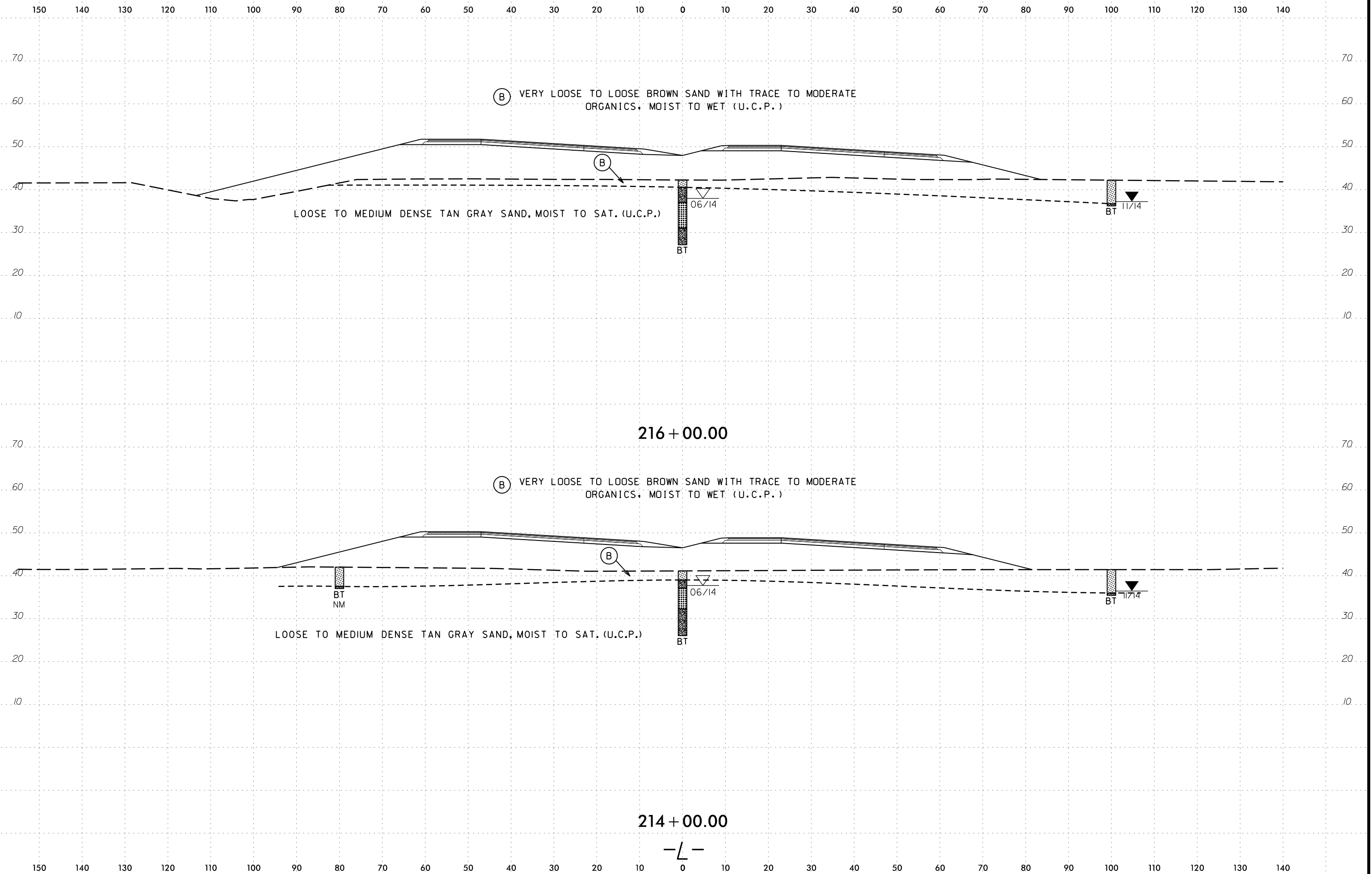
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-10	51 RT	205+06	0.0-3.0	A-3(0)	8	NP	15.6	77.2	2.8	4.4	100	98	9	-	-
S-11	51 RT	205+06	3.0-6.0	A-3(0)	8	NP	0.0	0.0	0.0	0.0	100	0	0	-	2.2
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



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DICKERSON

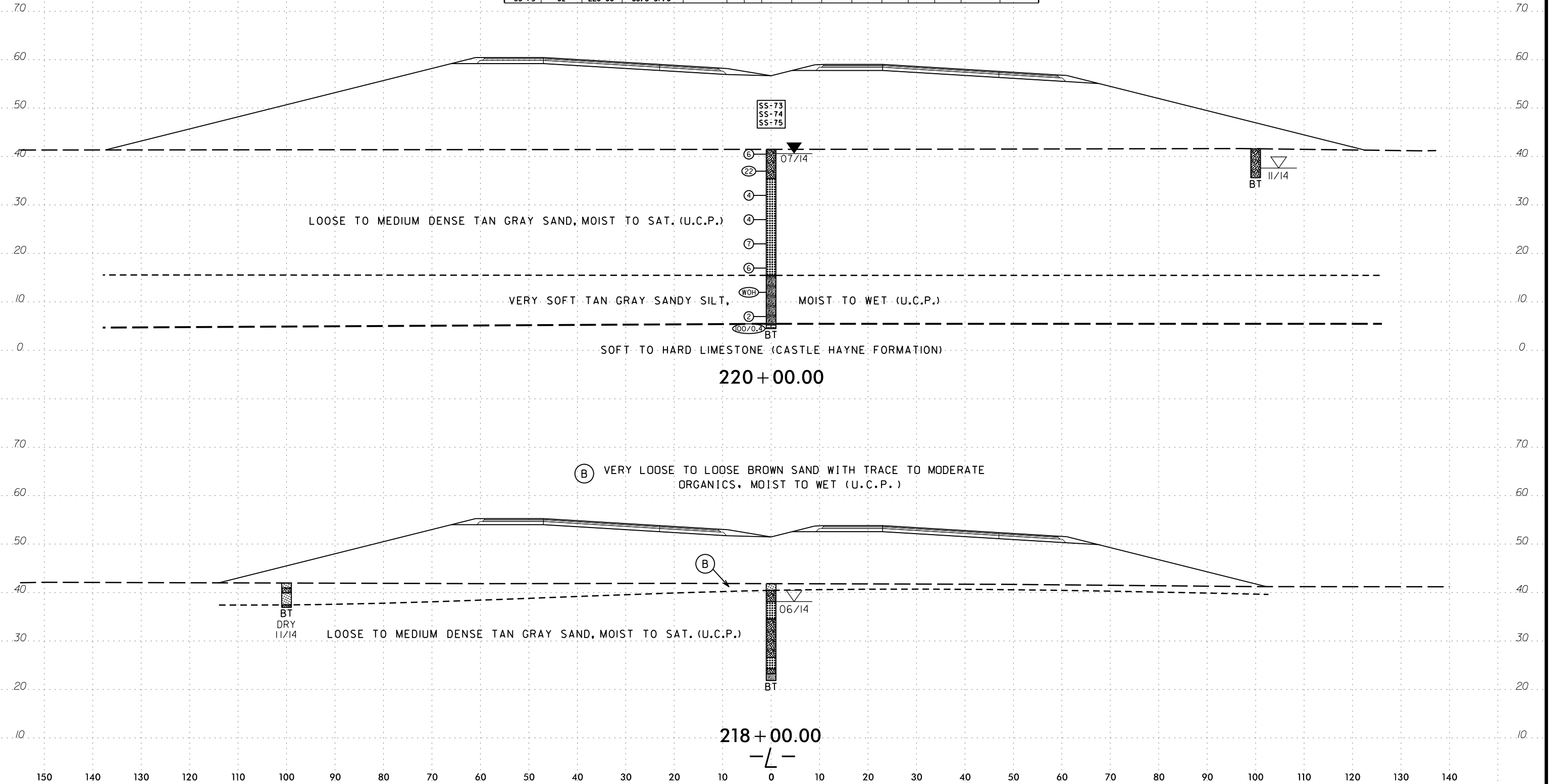


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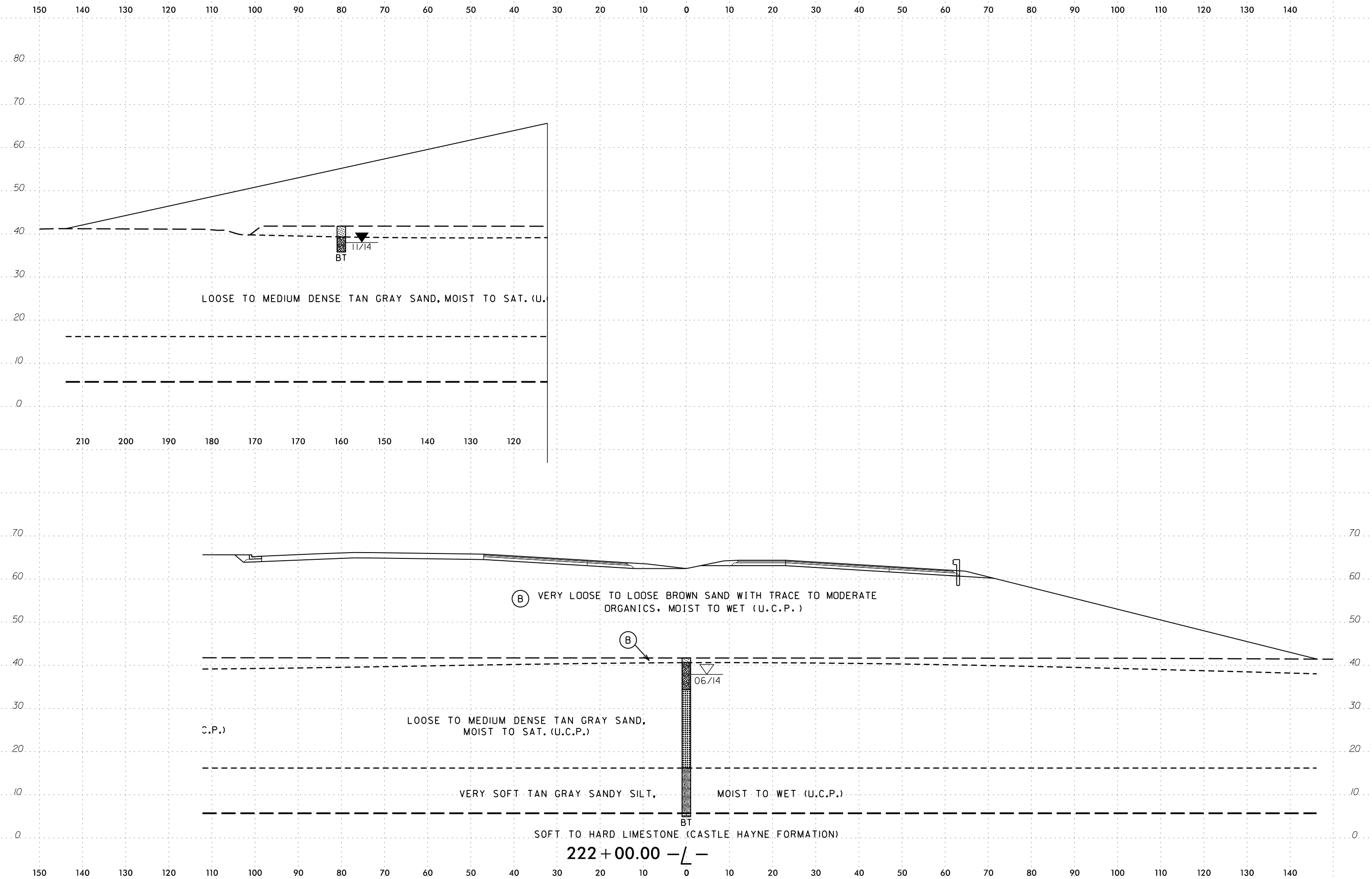
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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	-	-
SS-75	CL	220+00	36.6-37.0	-	-	-	-	-	-	-	-	-	-	-	-



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

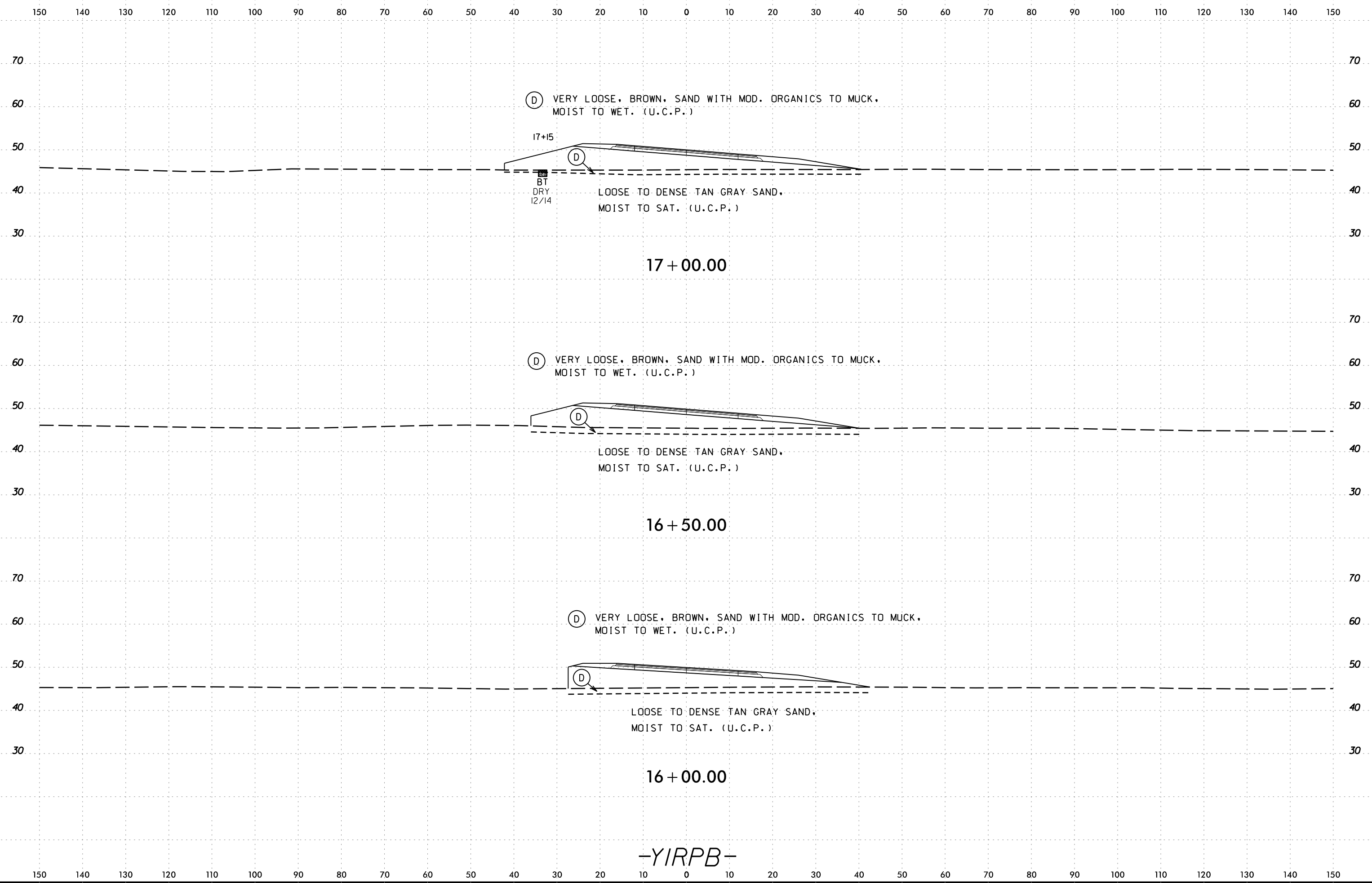
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

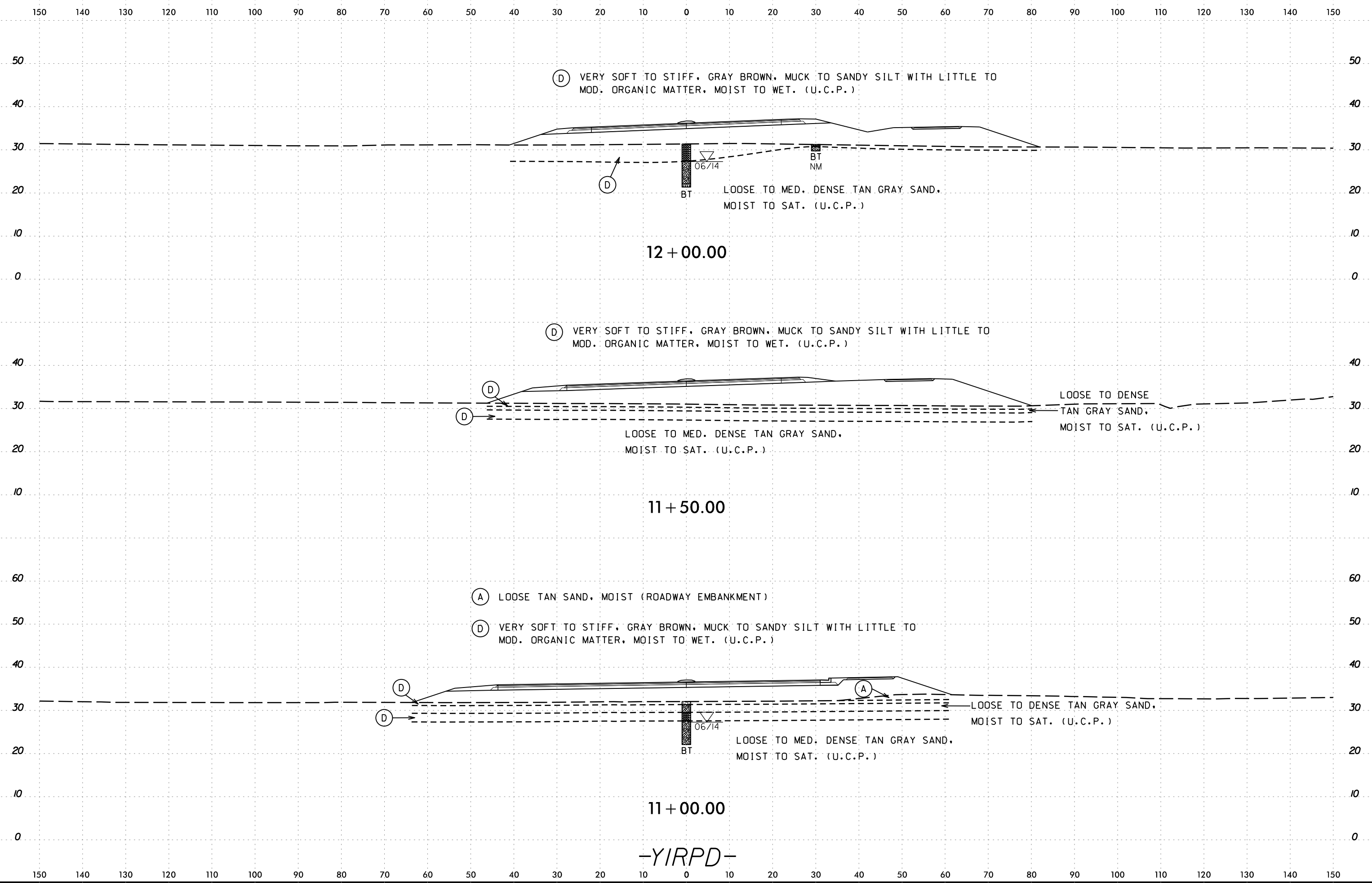
(B) LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

VERY SOFT TAN GRAY SANDY SILT, MOIST TO WET (U.C.P.)

SOFT TO HARD LIMESTONE (CASTLE HAYNE FORMATION)

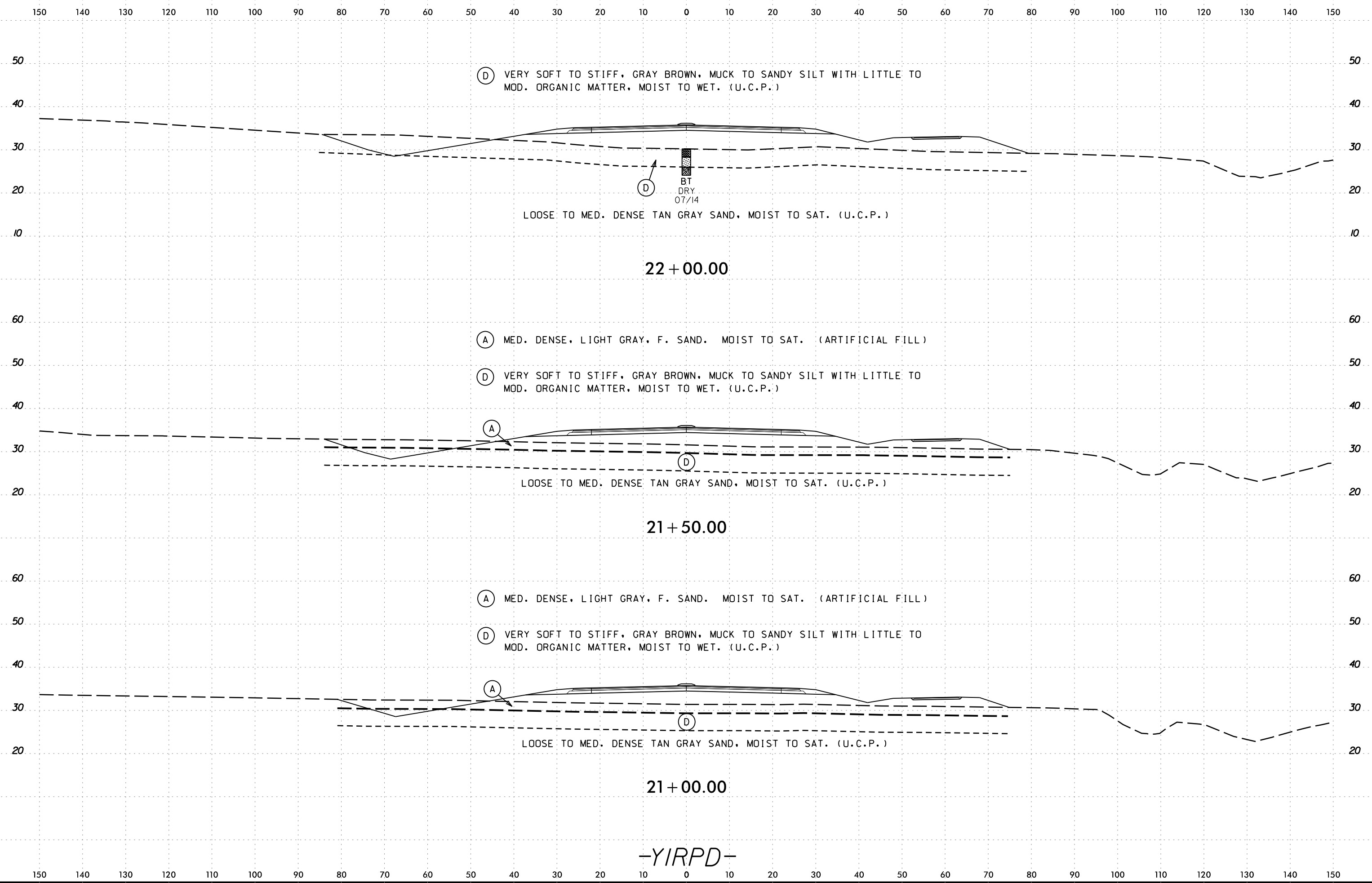
222 + 00.00 -L-

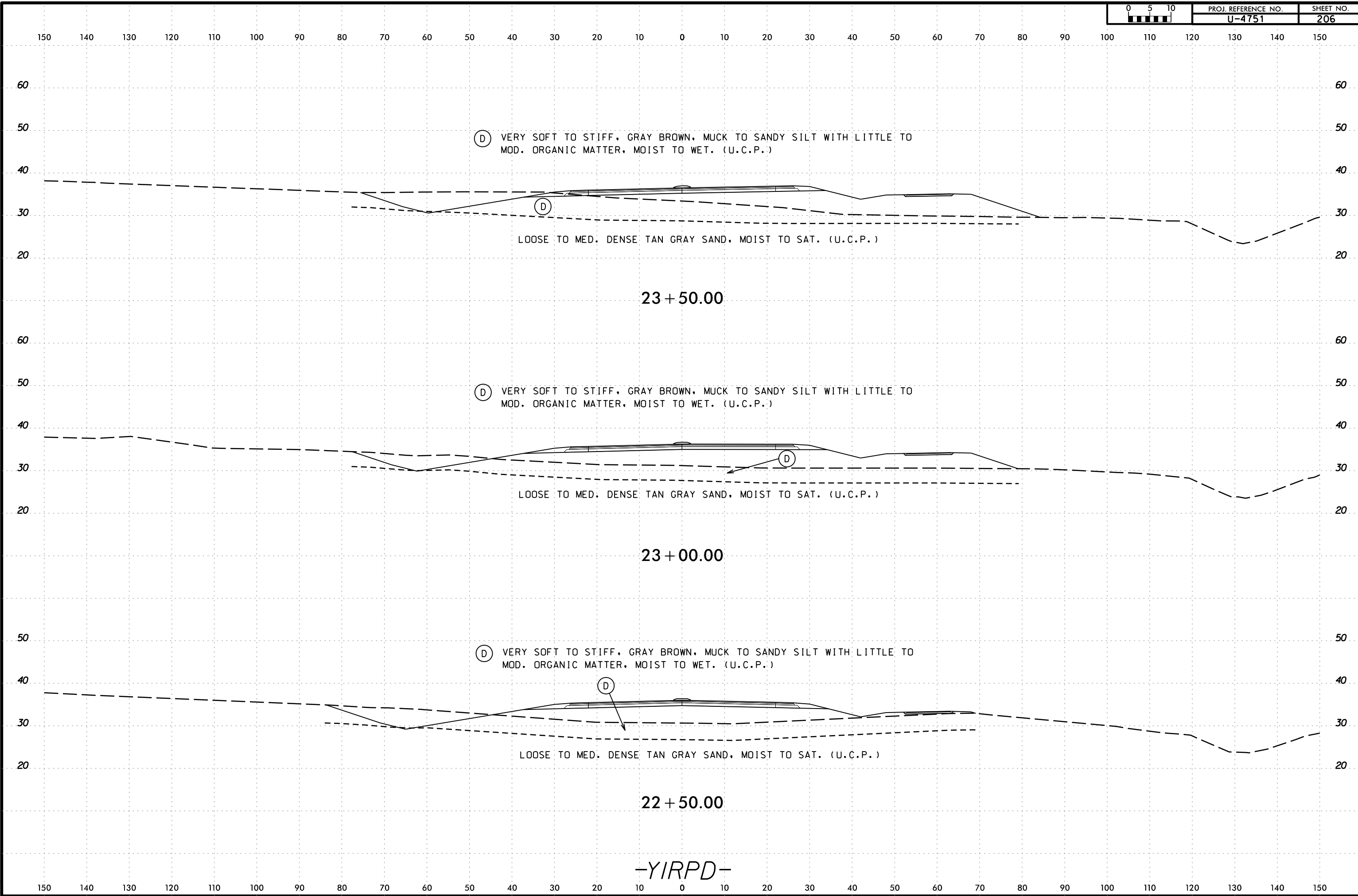


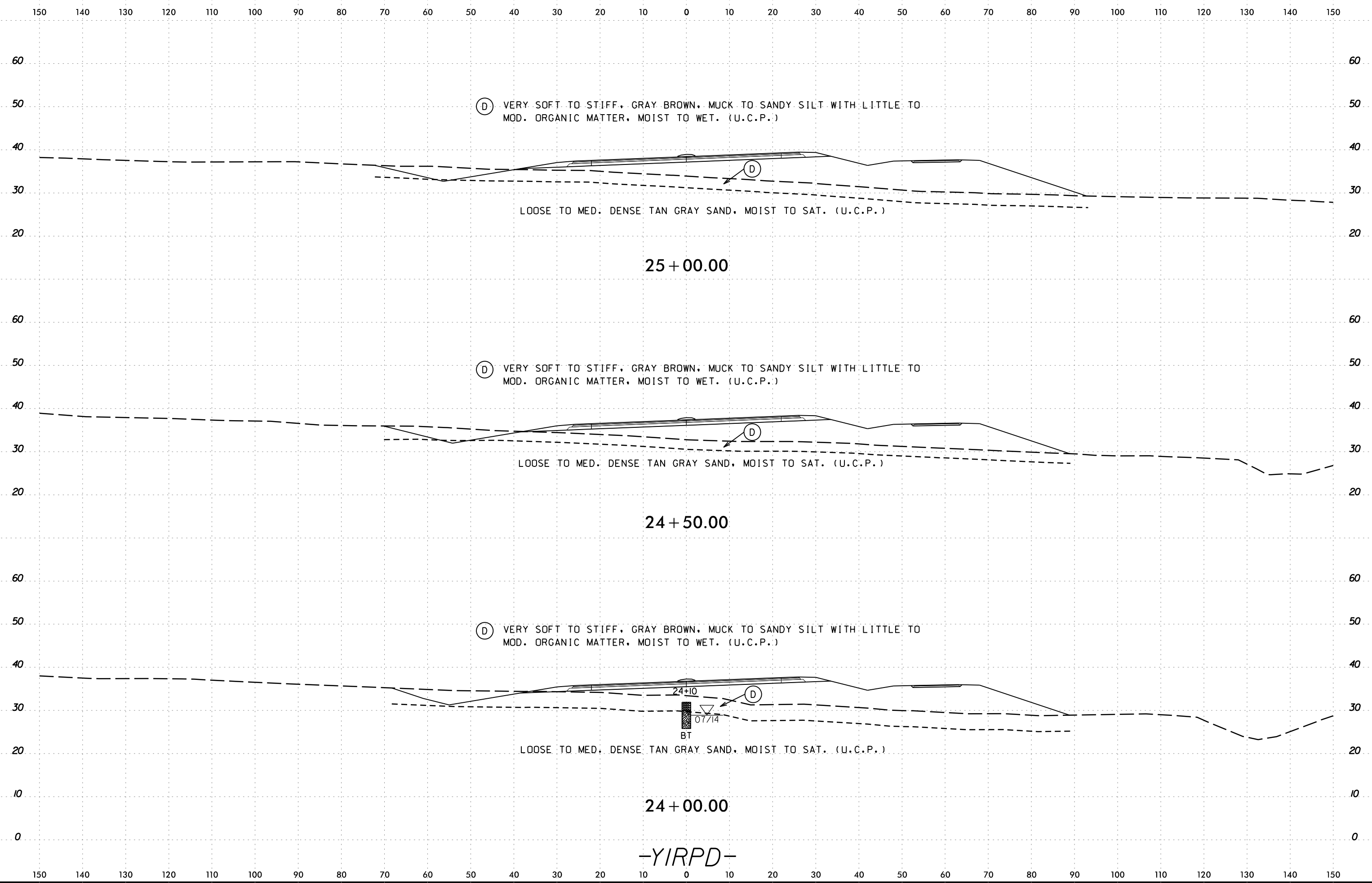


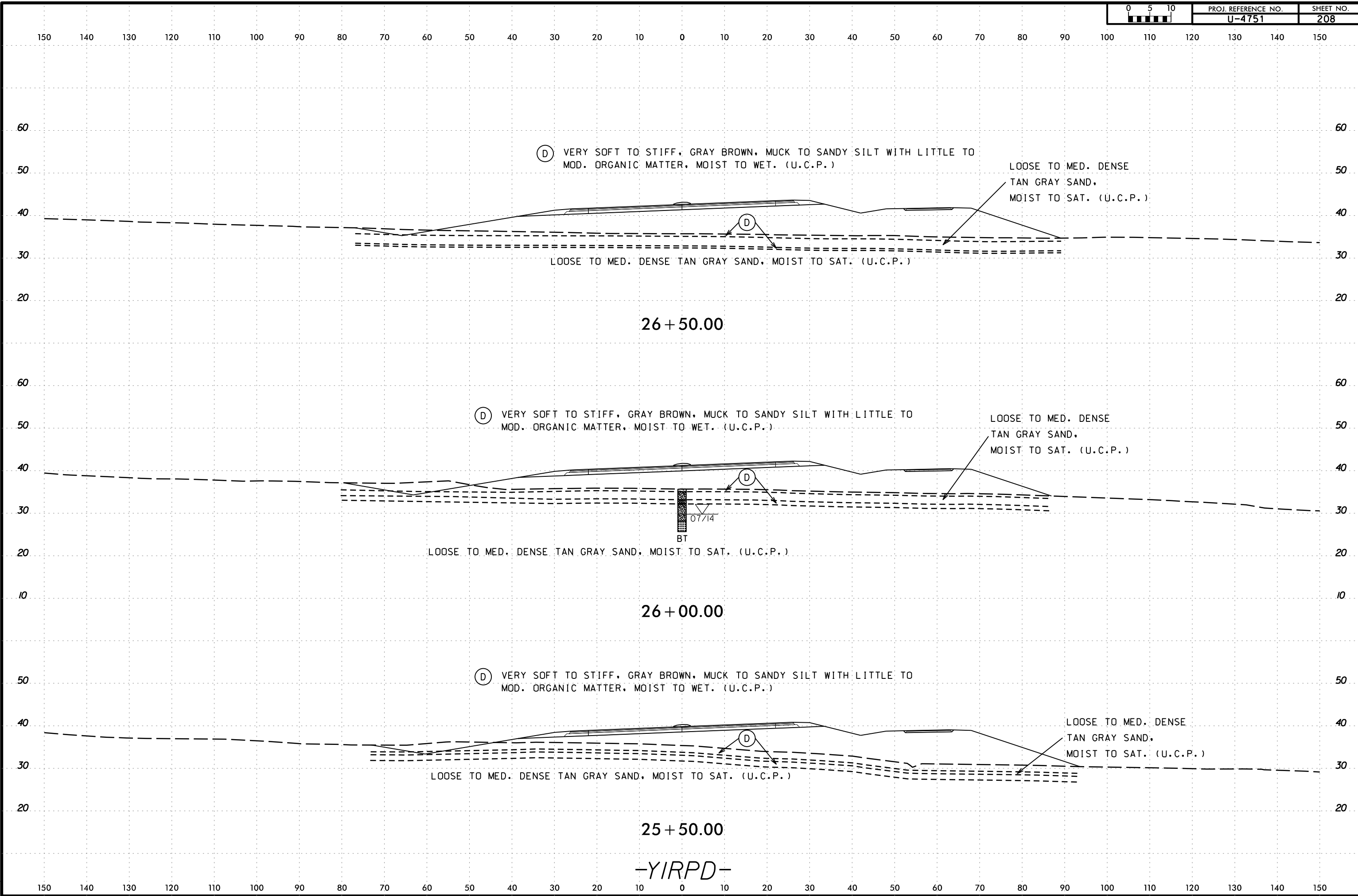
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-YIRPD-

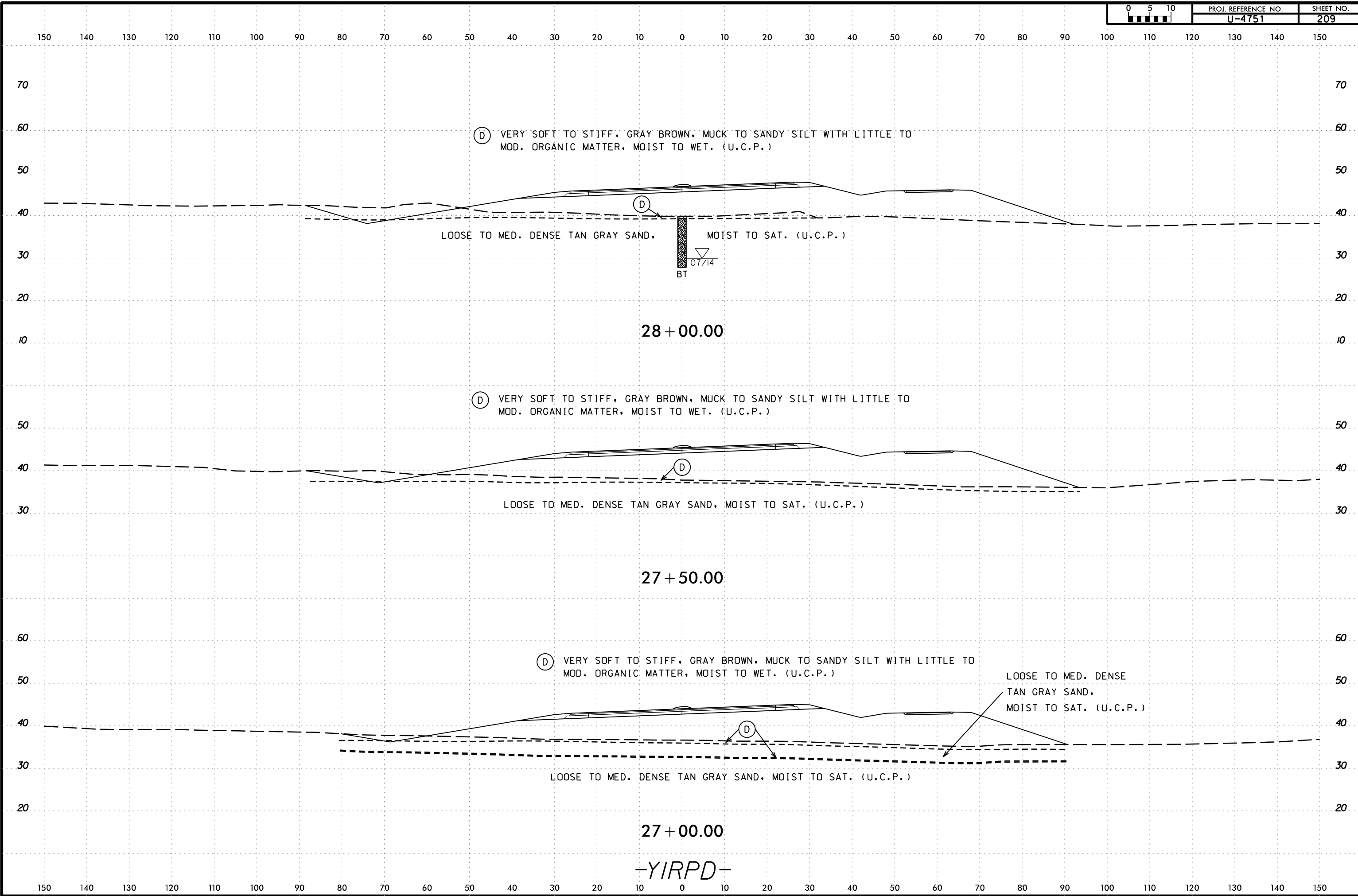


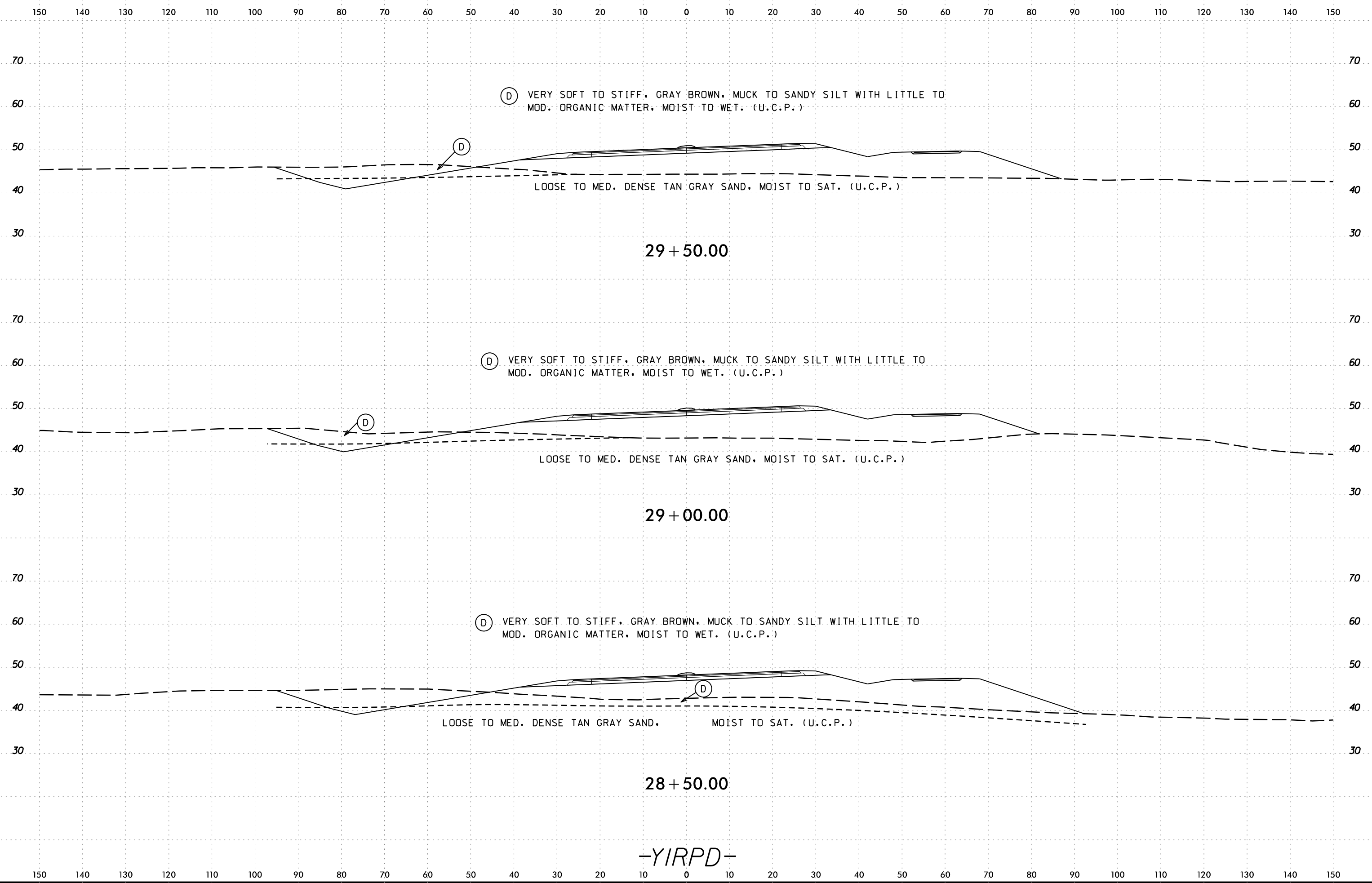






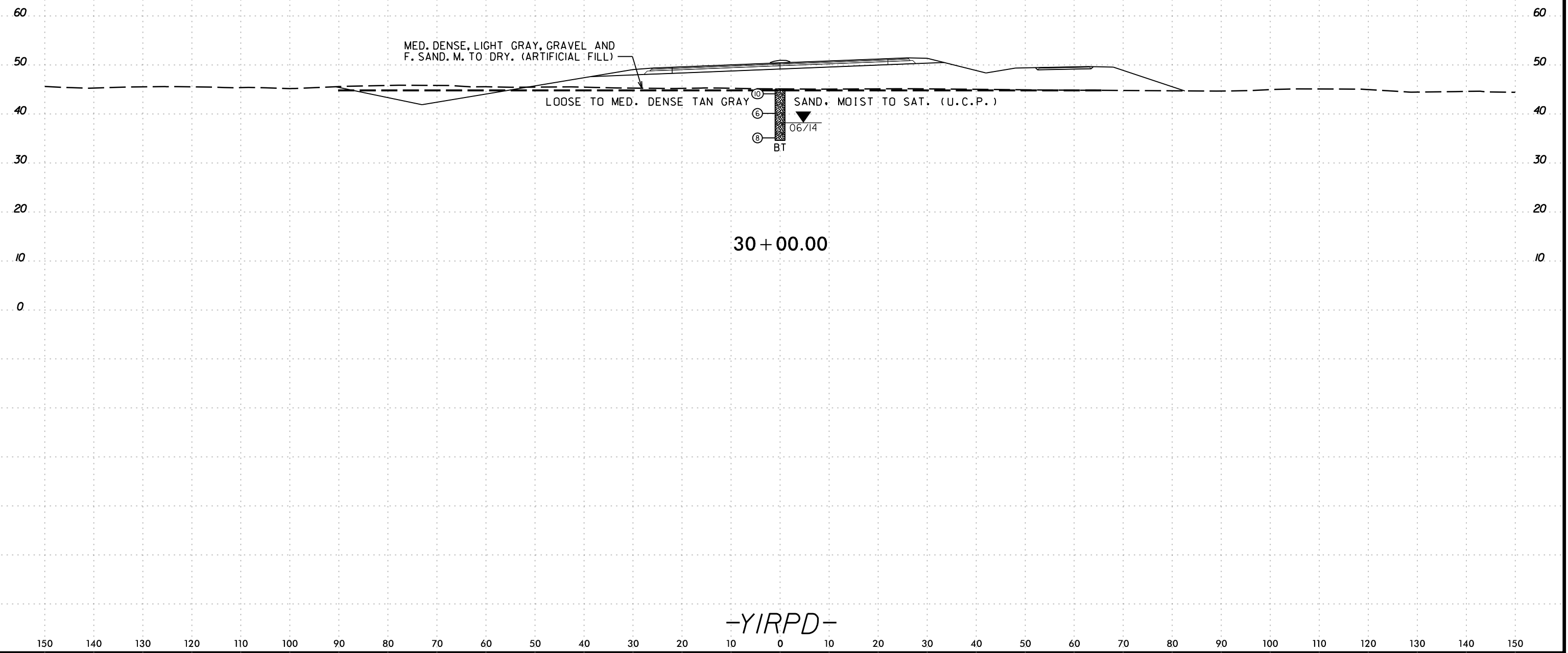
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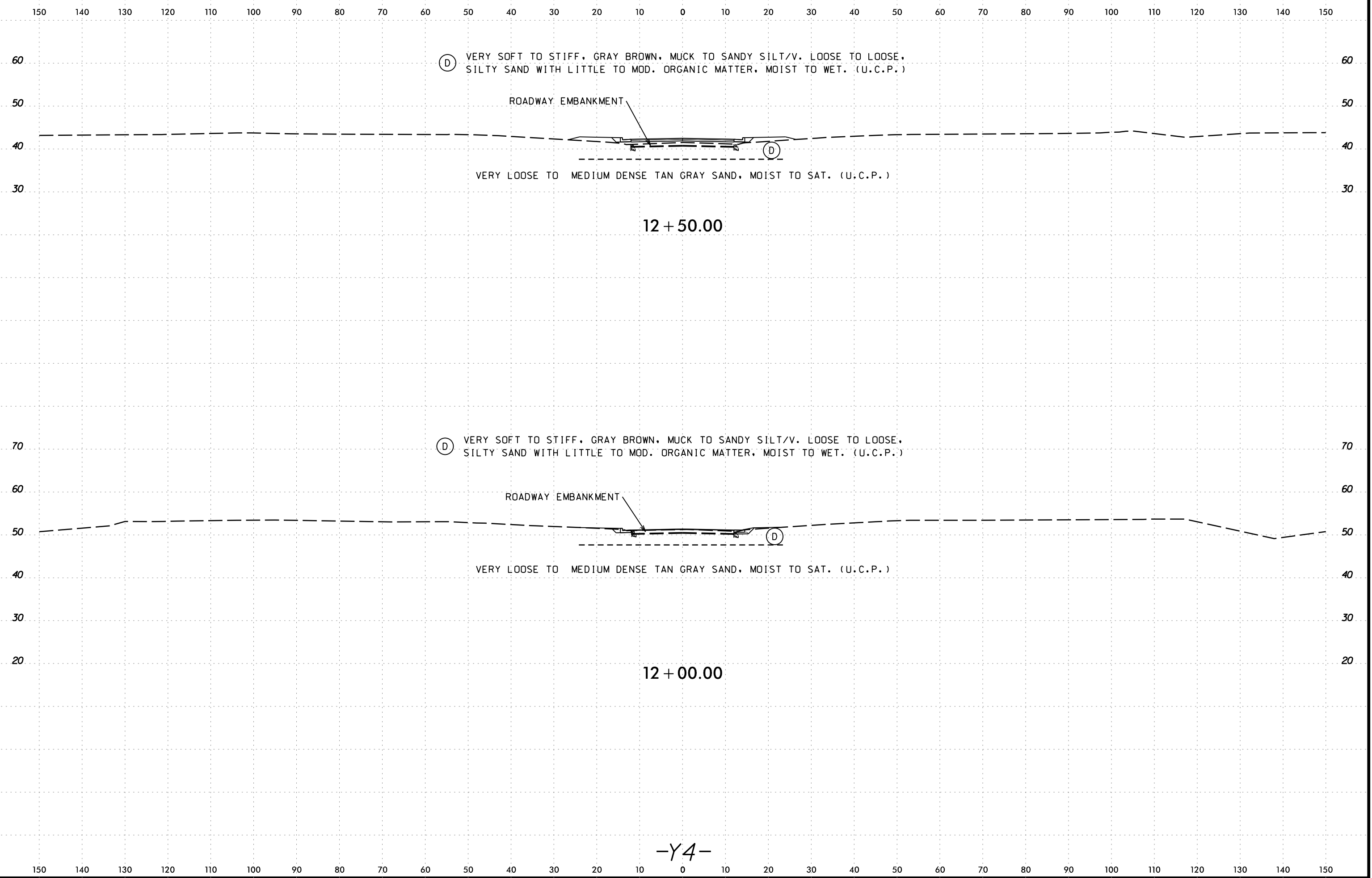
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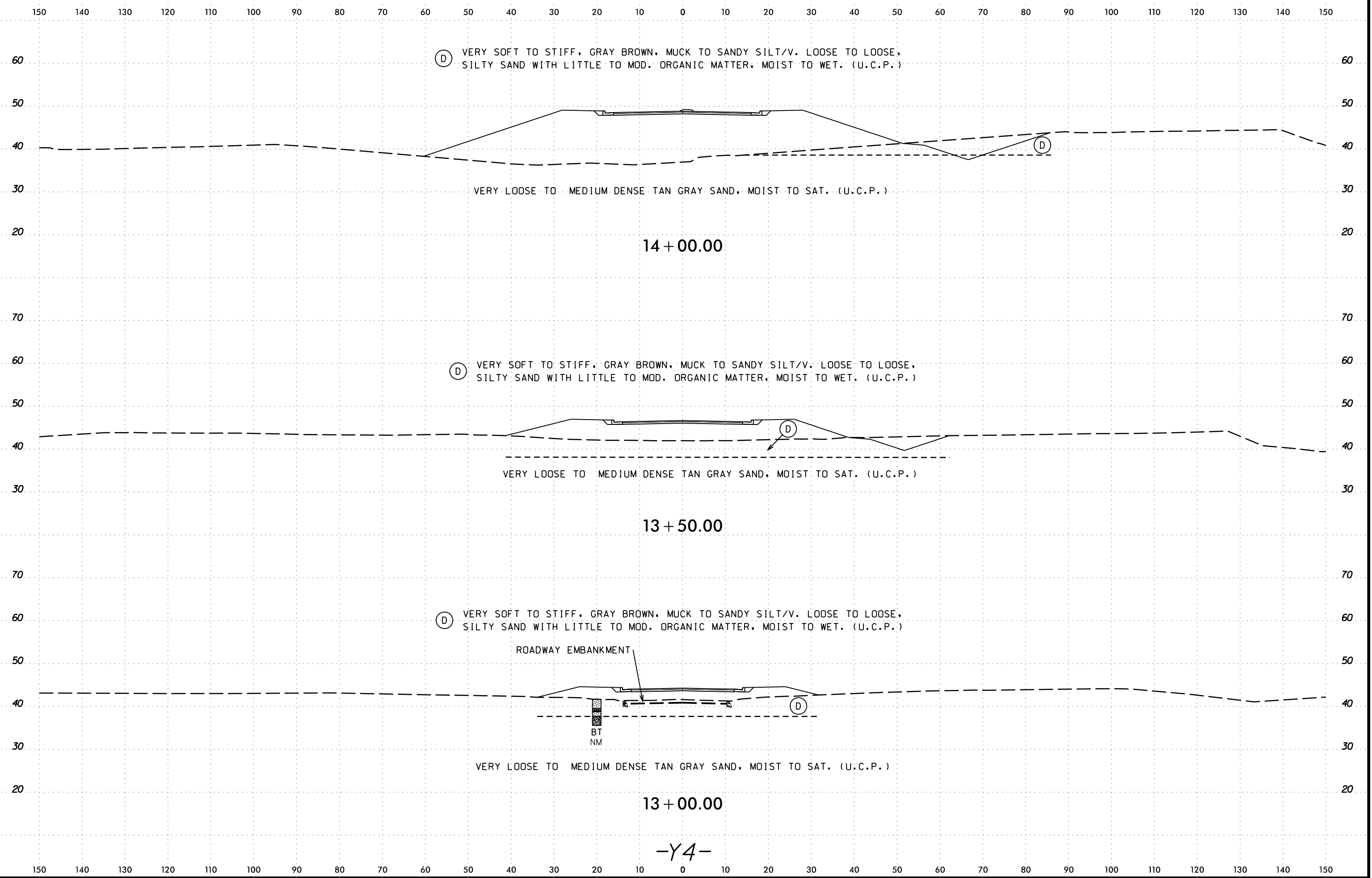


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dmcperson



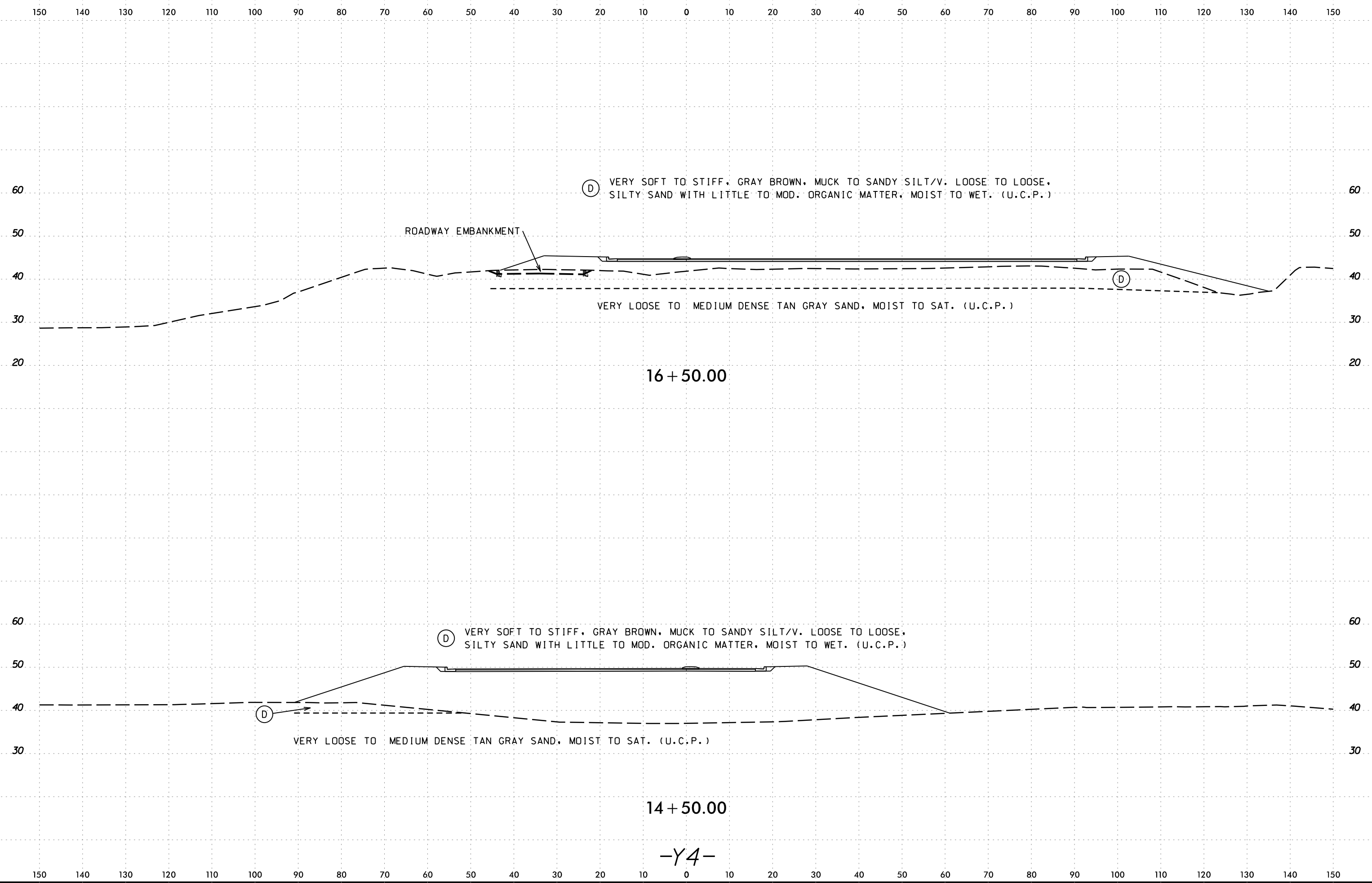
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13 + 50.00

13 + 00.00

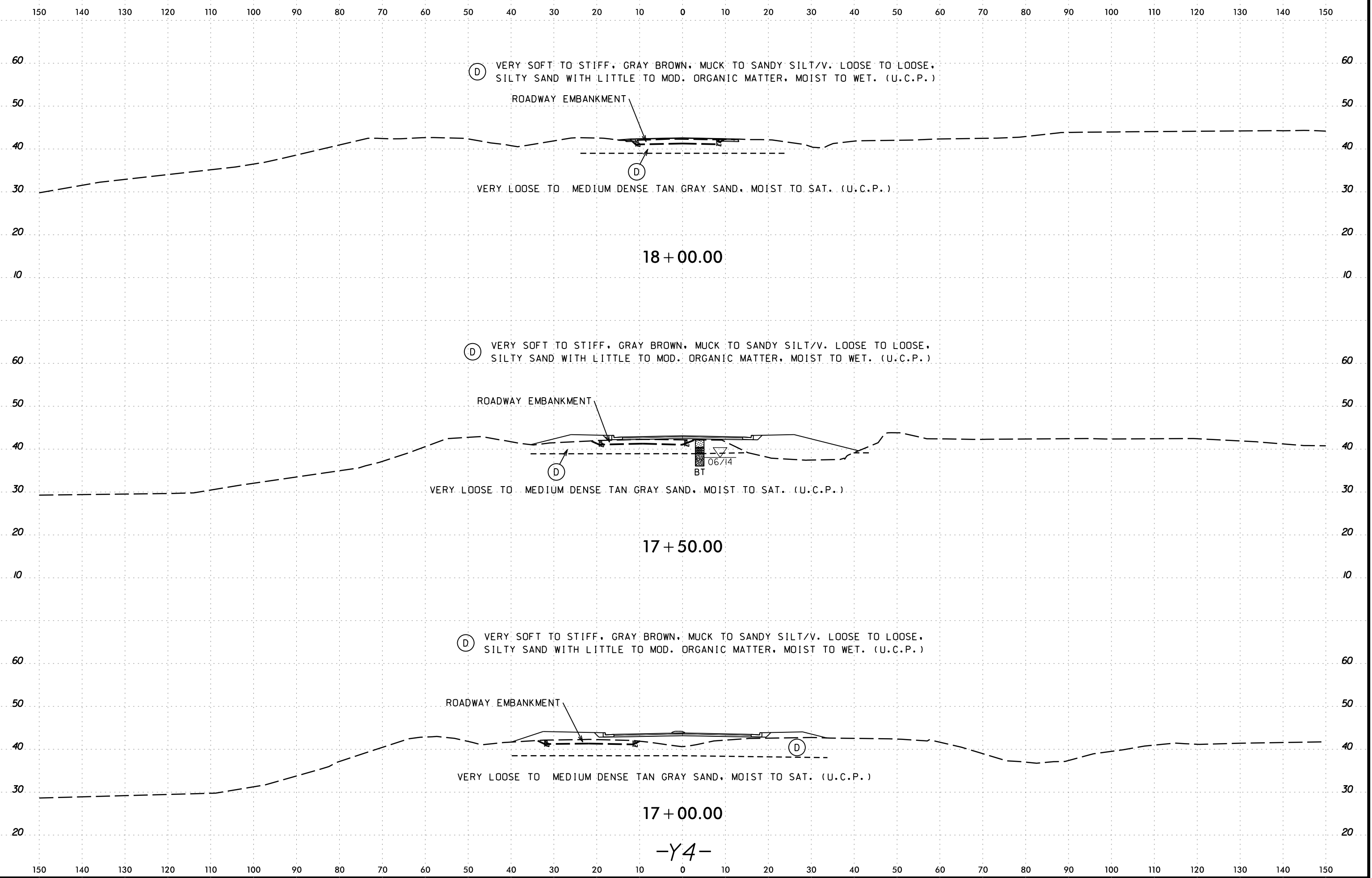
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8/23/99

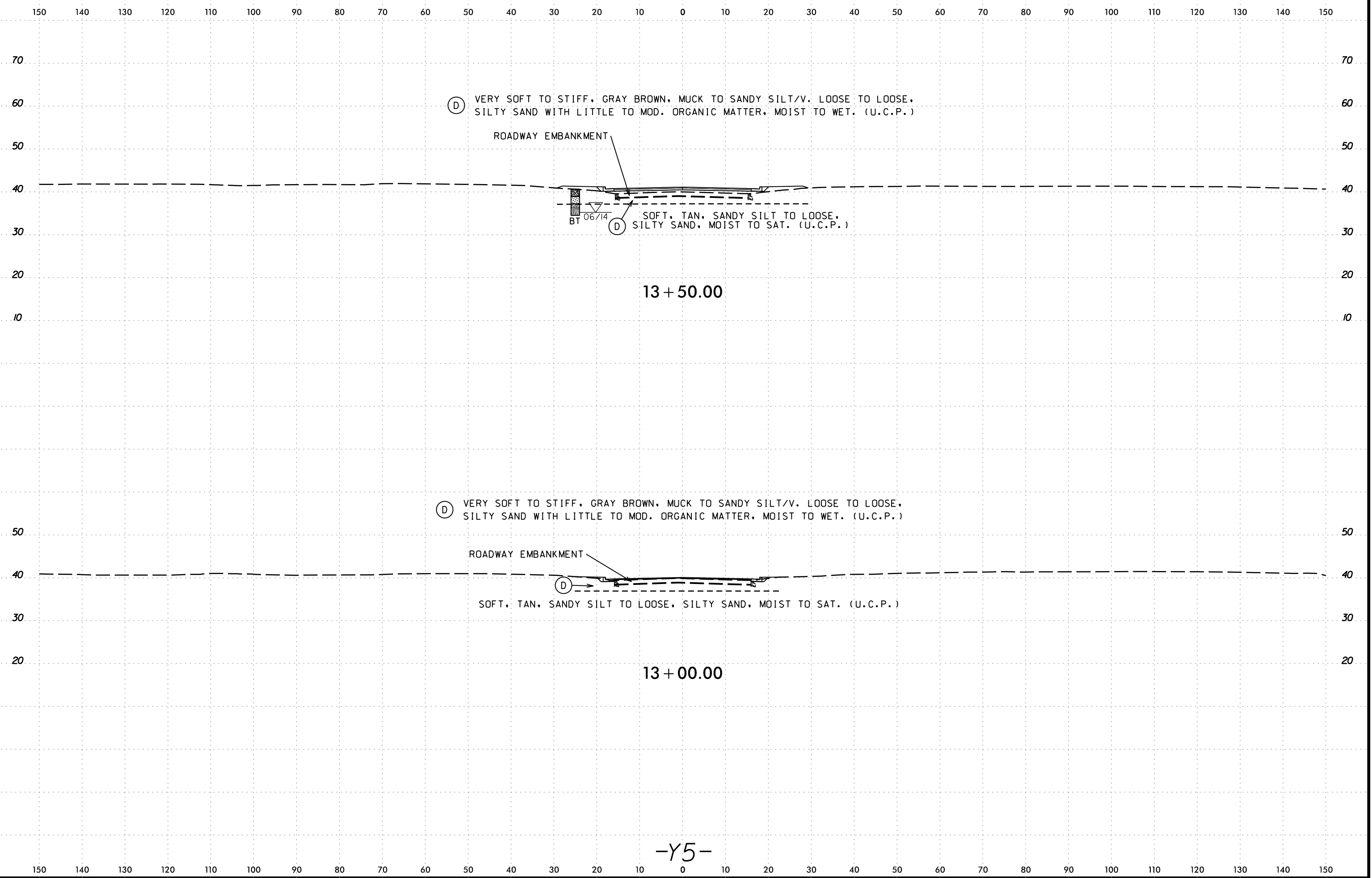


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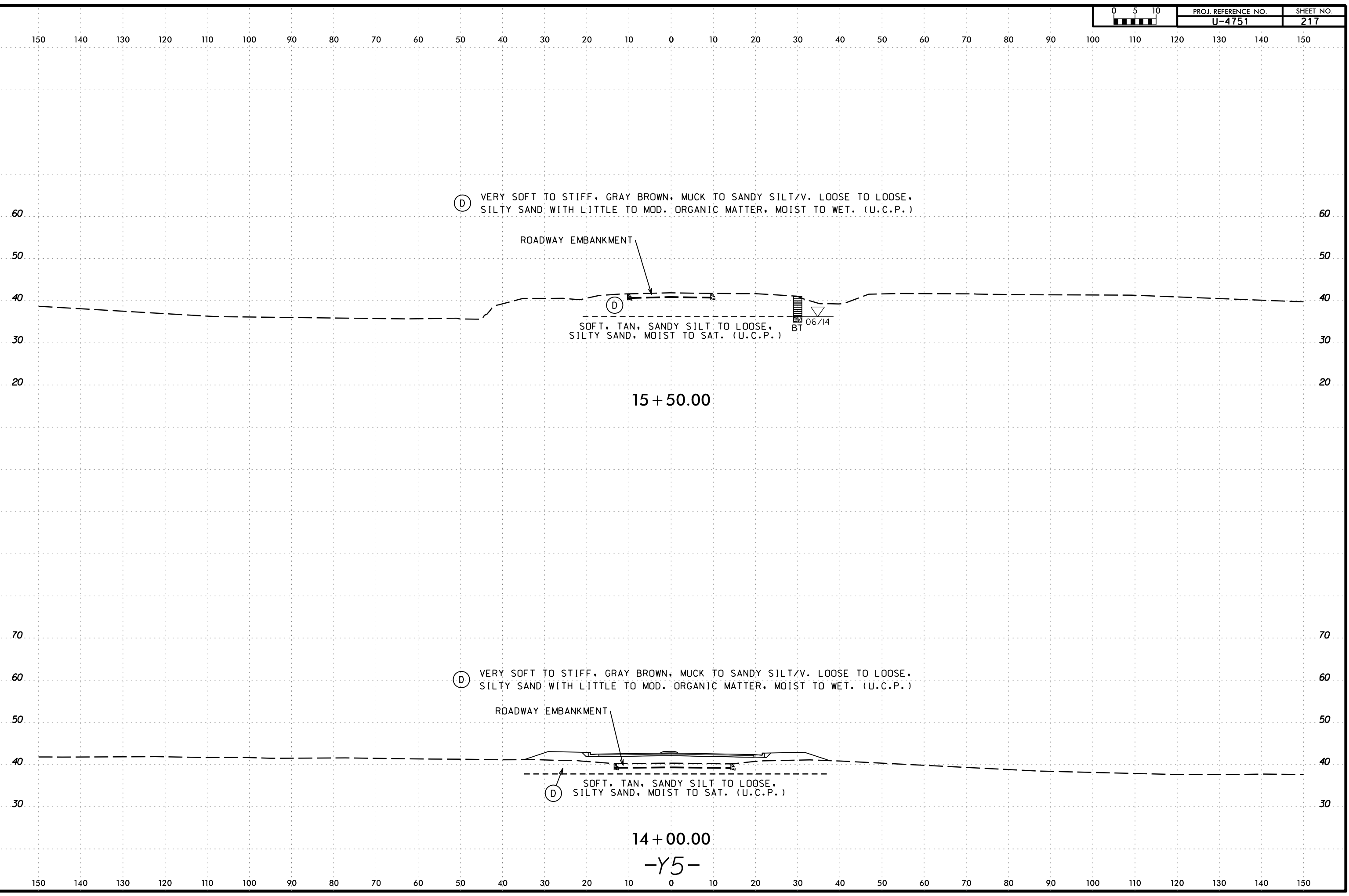
8/23/99
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AT DMPHERSON-PC



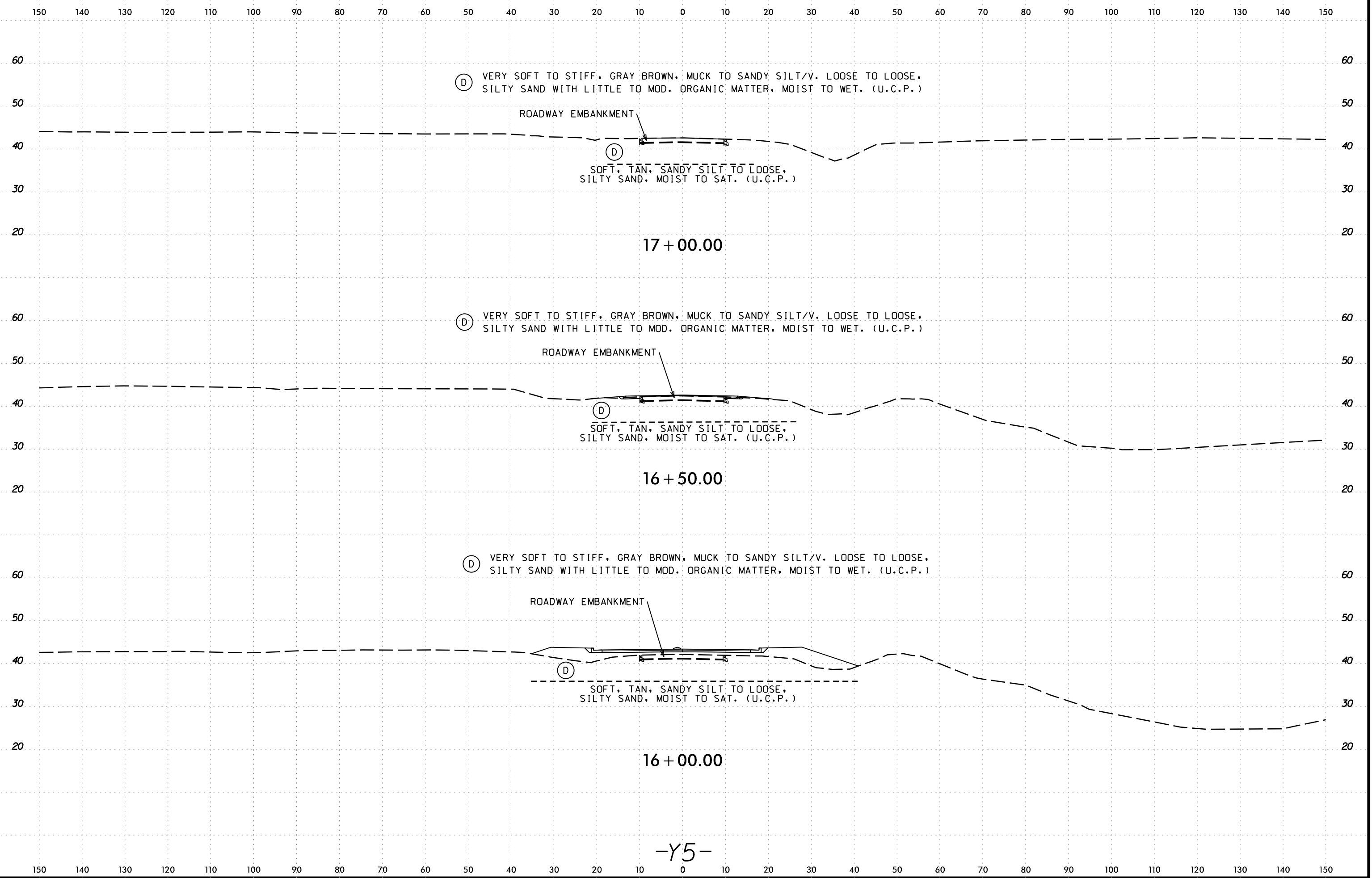
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09-NOV-2016_0942
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AT DMPHERSON-PC



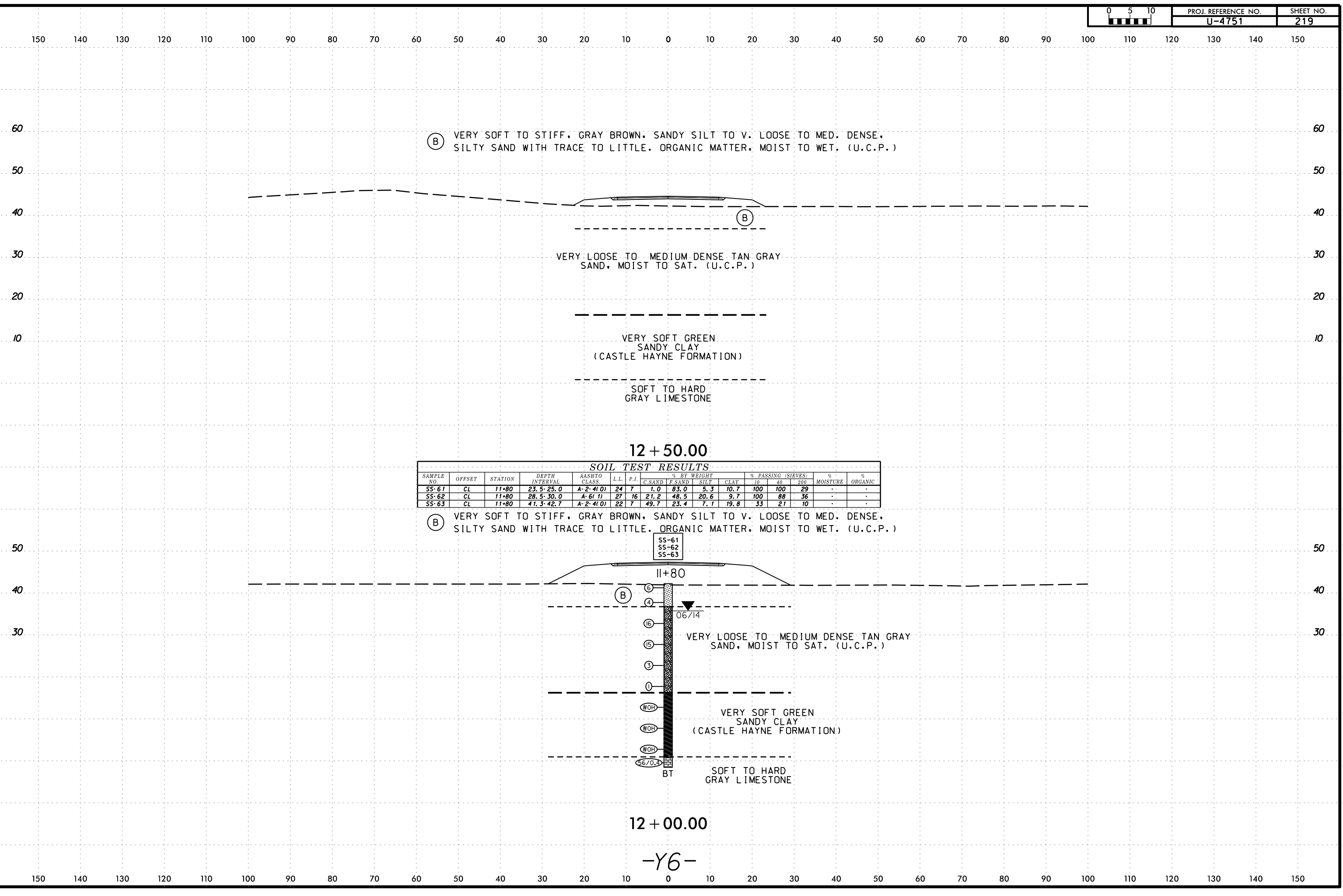
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AT DMPHERSON-PC



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 AT: DMPHERSON-PC



(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

06/14

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

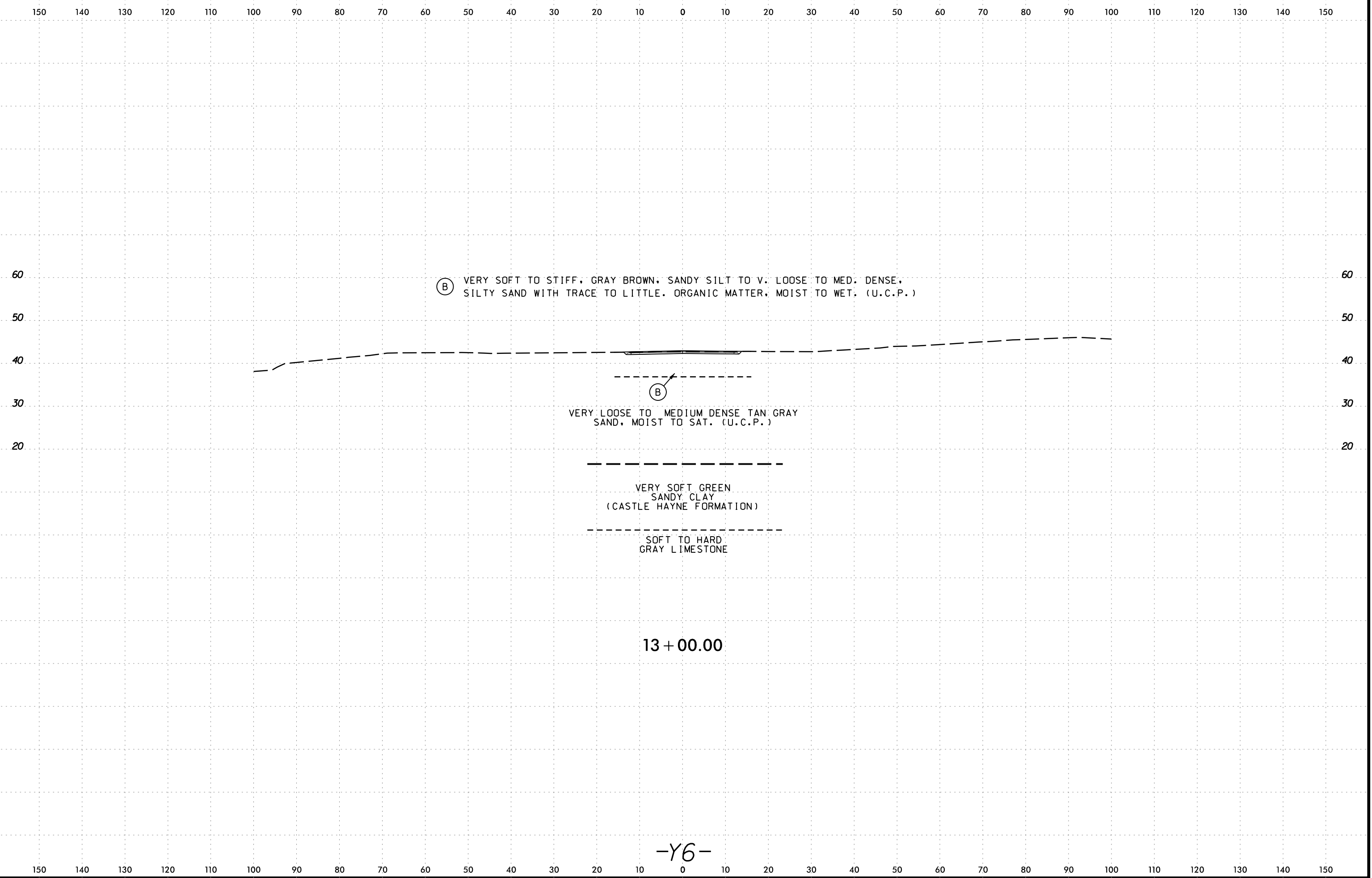
VERY SOFT GREEN
 SANDY CLAY
 (CASTLE HAYNE FORMATION)

SOFT TO HARD
 GRAY LIMESTONE

12 + 00.00

-Y6-

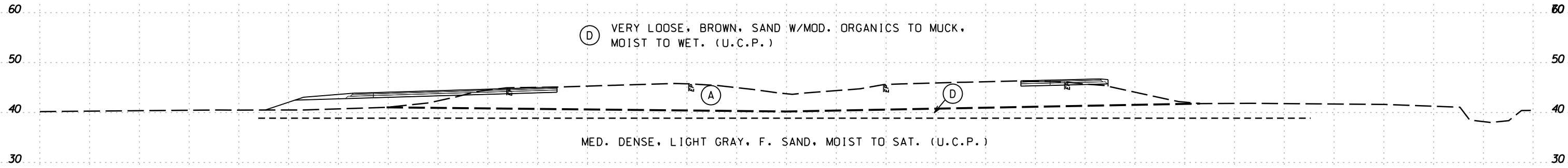
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AT DMPHERSON-PC
dmperson



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

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

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

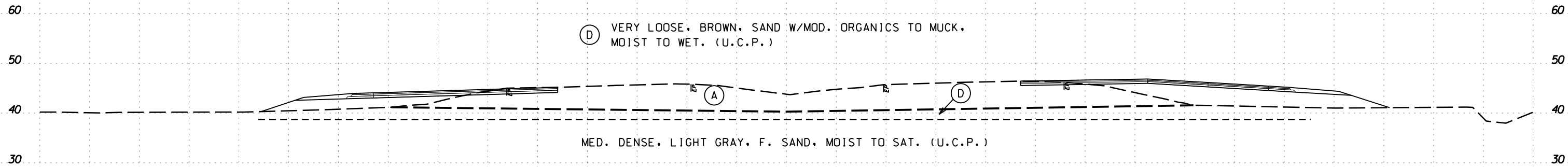


MED. DENSE, LIGHT GRAY, F. SAND, MOIST TO SAT. (U.C.P.)

69 + 00.00

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

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

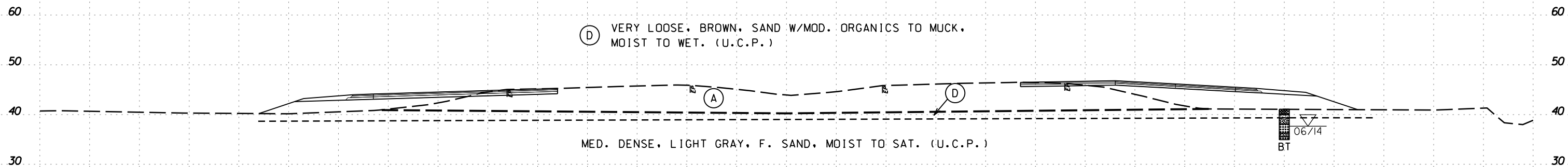


MED. DENSE, LIGHT GRAY, F. SAND, MOIST TO SAT. (U.C.P.)

68 + 50.00

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

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

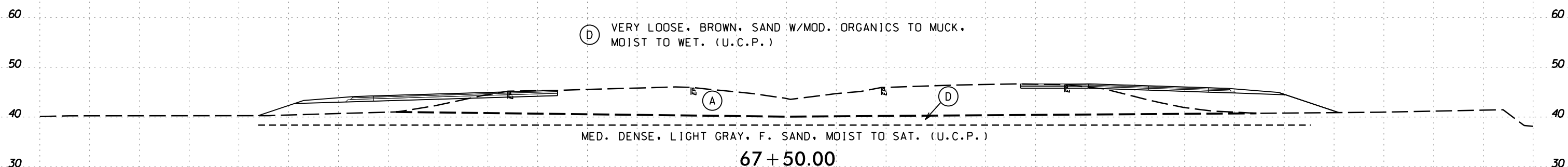


MED. DENSE, LIGHT GRAY, F. SAND, MOIST TO SAT. (U.C.P.)

68 + 00.00

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

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



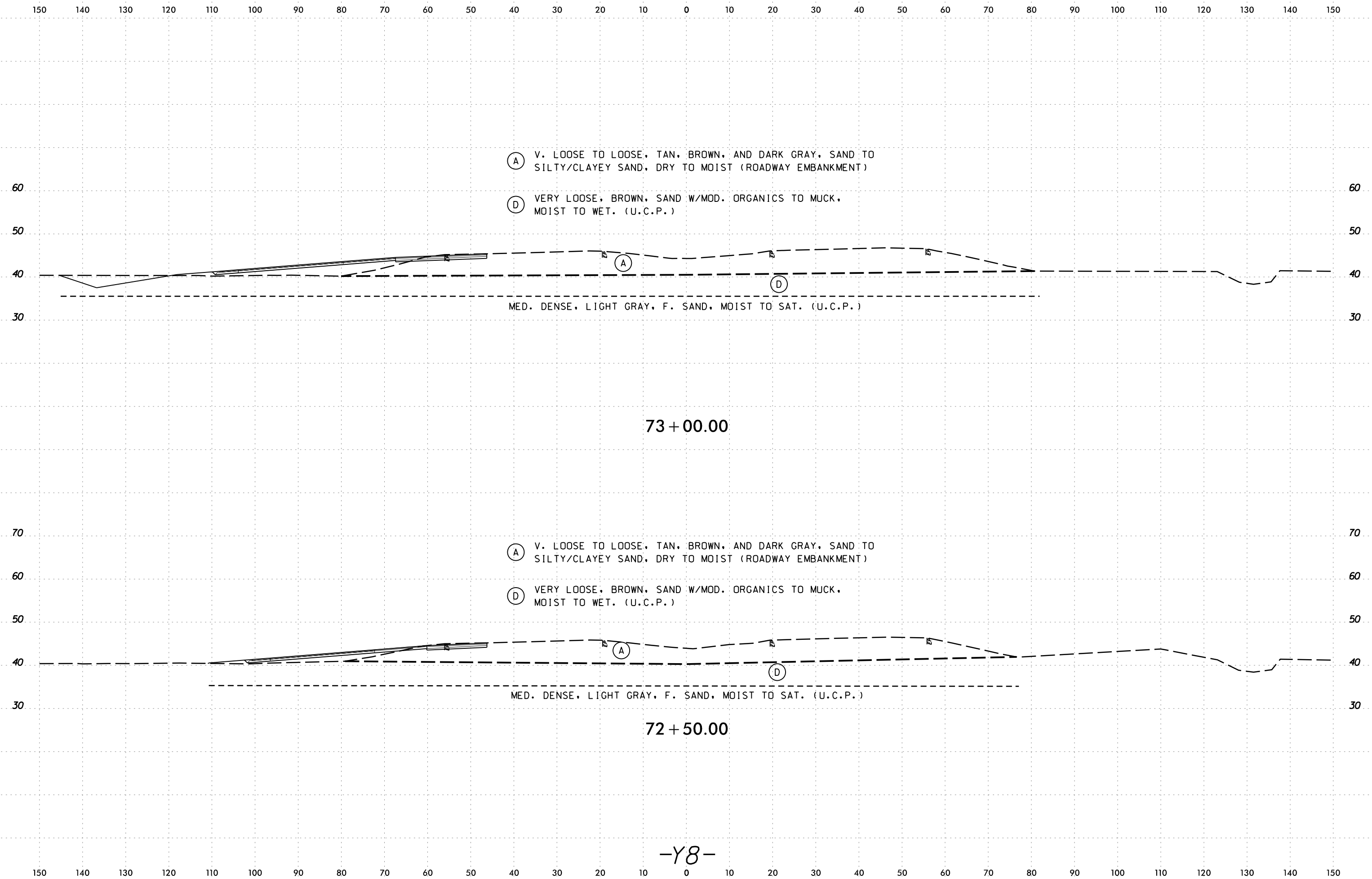
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67 + 50.00

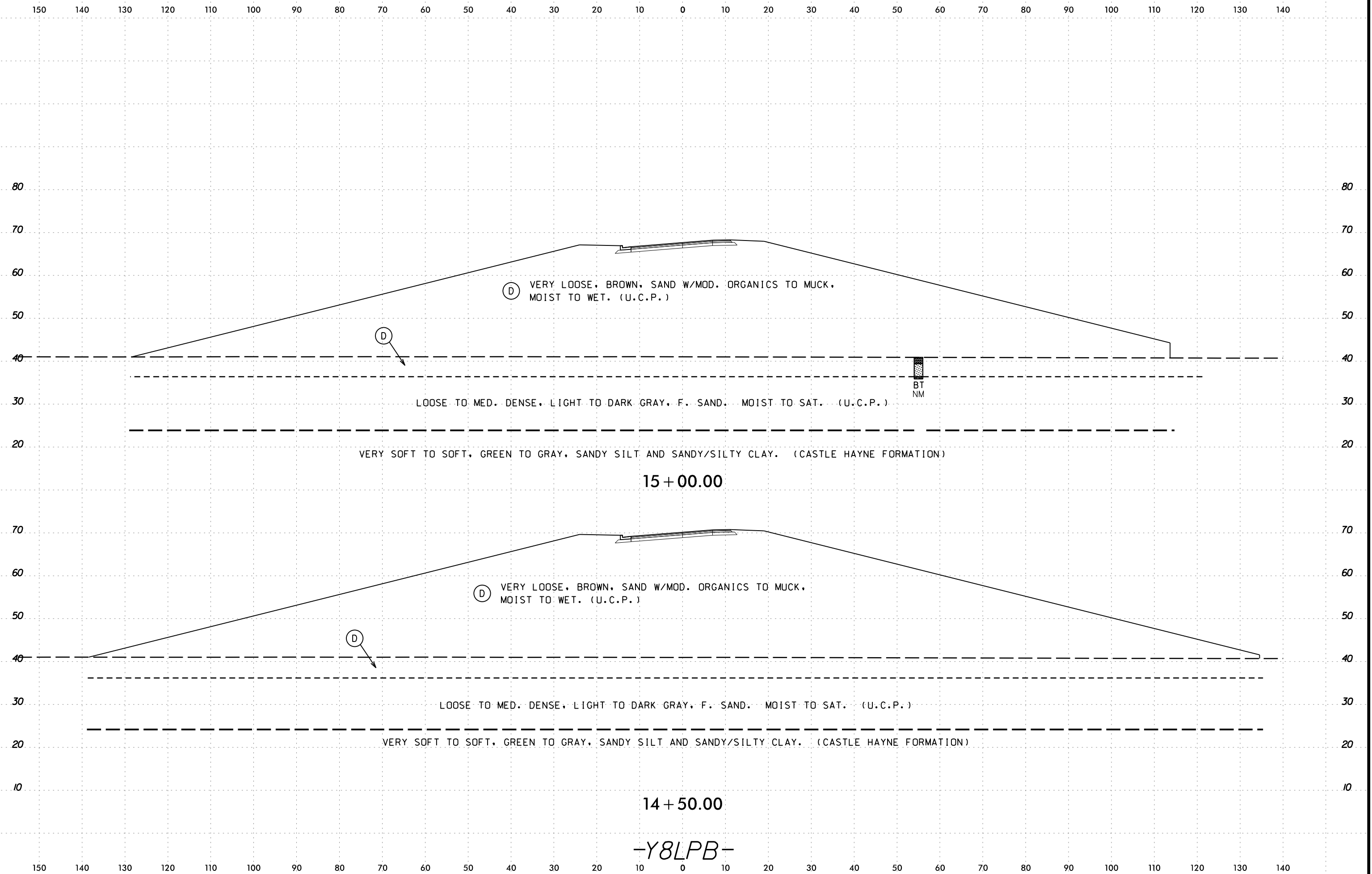
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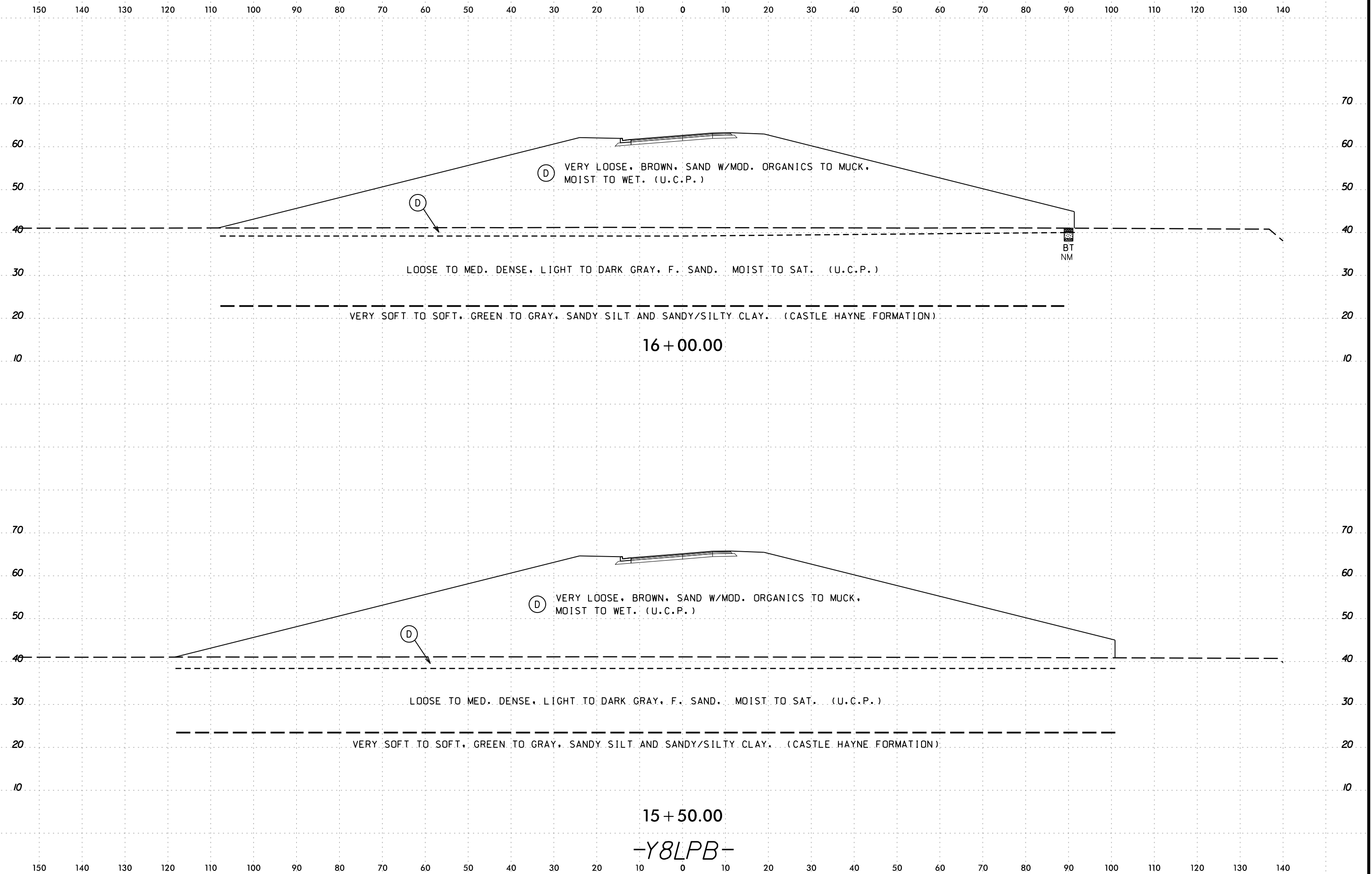
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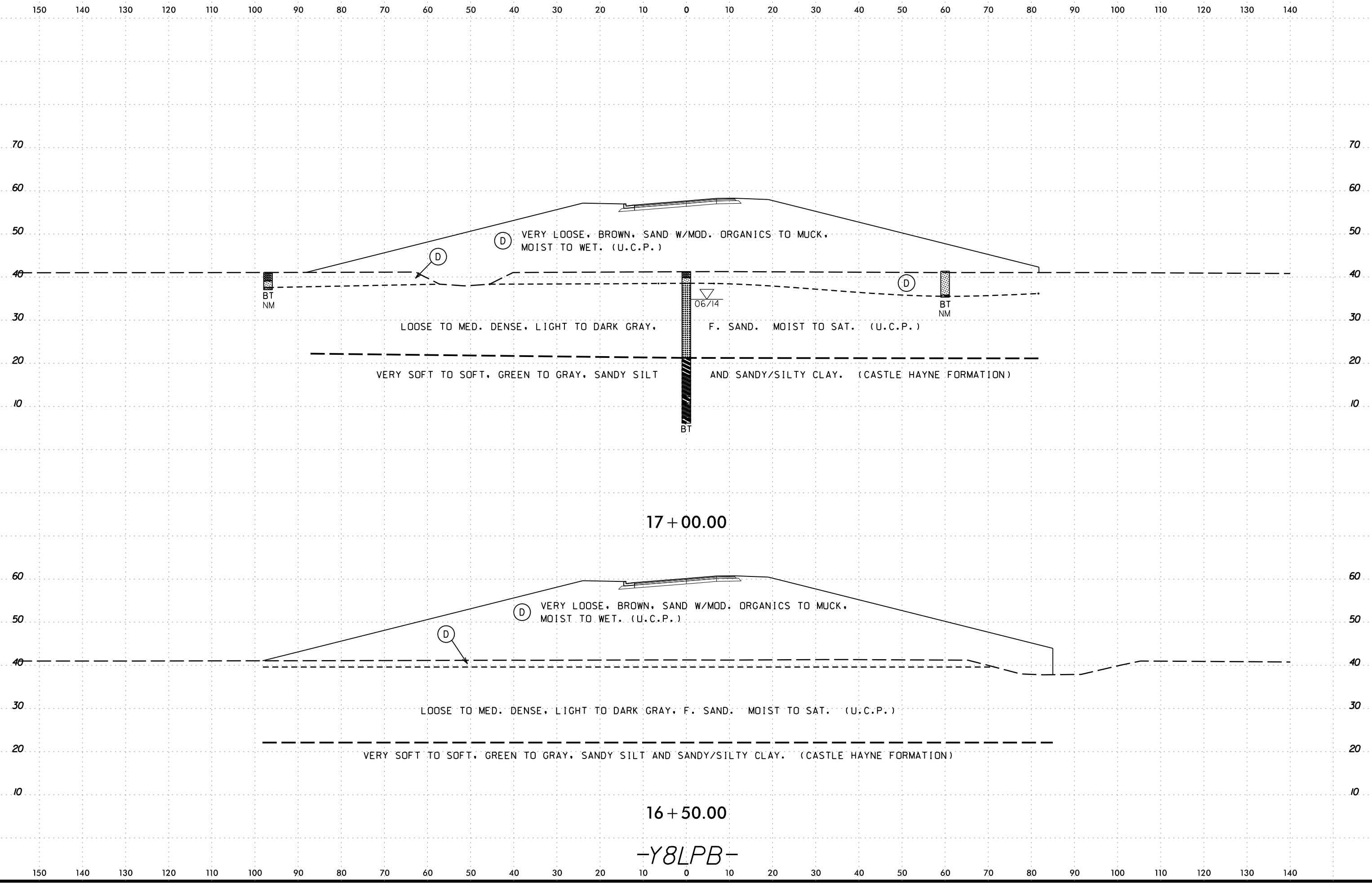
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16+00.00

15+50.00

-Y8LPB-



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70 70

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-44	90 RT	18+00	0.0-8.5	A-5(0)	71	NP	42.4	23.9	5.1	28.5	100	75	36	-

50 50

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

S-6
S-44

40 40

(D)

BT
NM

LOOSE TO MED. DENSE, LIGHT TO DARK GRAY, F. SAND. MOIST TO SAT. (U.C.P.)

20 20

VERY SOFT TO SOFT, GREEN TO GRAY, SANDY SILT AND SANDY/SILTY CLAY. (CASTLE HAYNE FORMATION)

18 + 00.00

70 70

60 60

50 50

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

(D)

40 40

LOOSE TO MED. DENSE, LIGHT TO DARK GRAY, F. SAND. MOIST TO SAT. (U.C.P.)

30 30

VERY SOFT TO SOFT, GREEN TO GRAY, SANDY SILT AND SANDY/SILTY CLAY. (CASTLE HAYNE FORMATION)

20 20

10 10

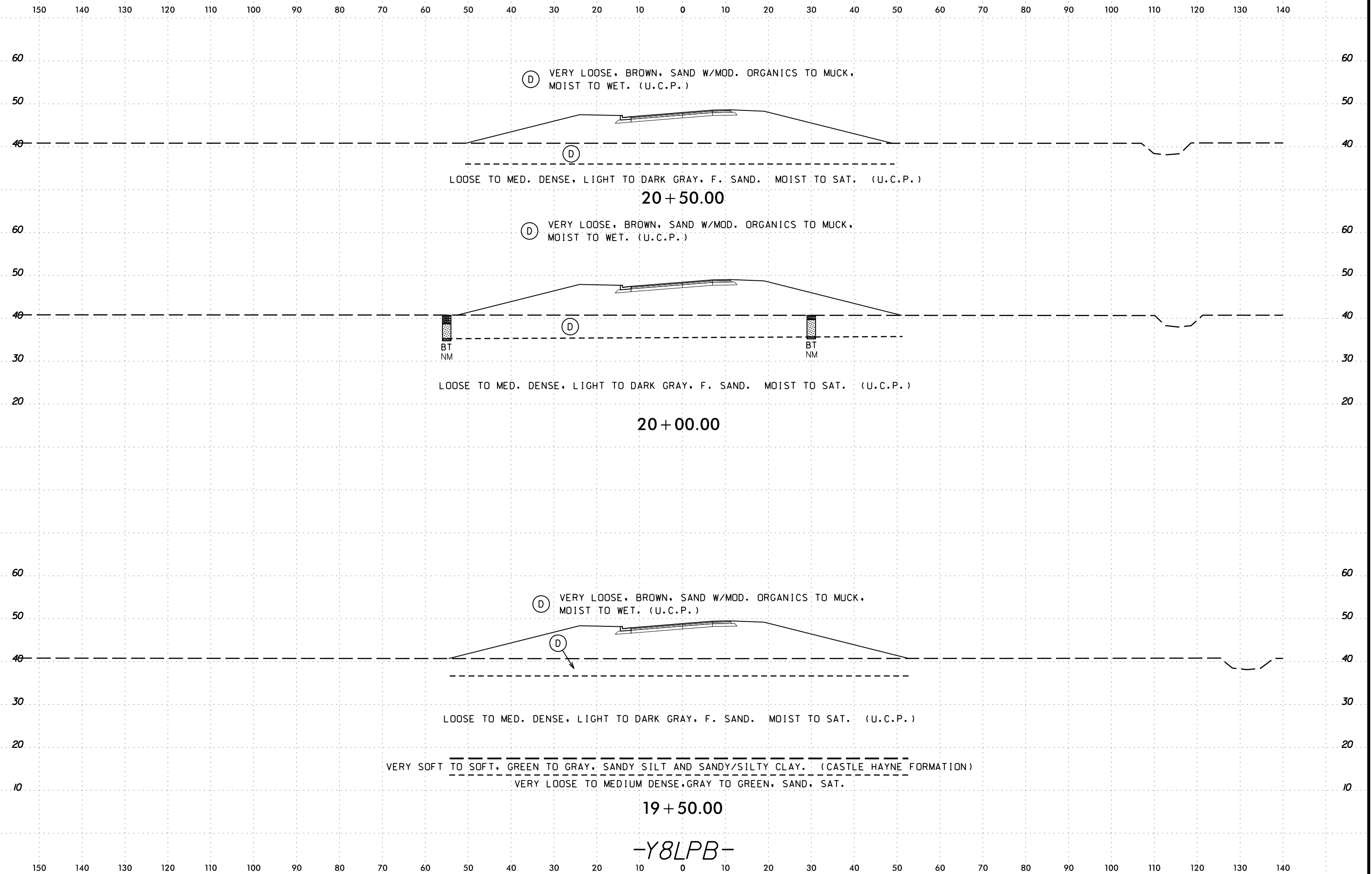
17 + 50.00

-Y8LPB-

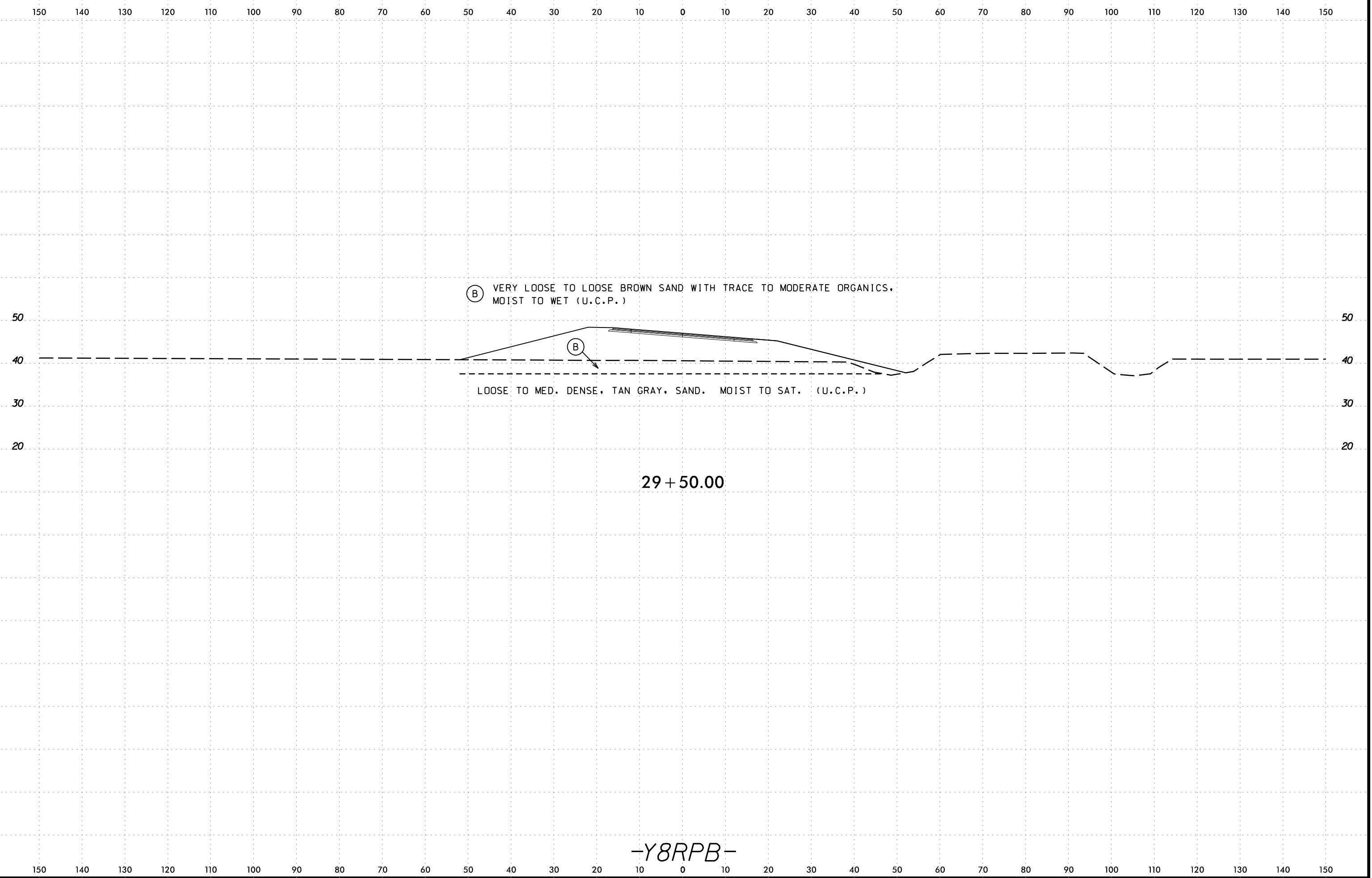
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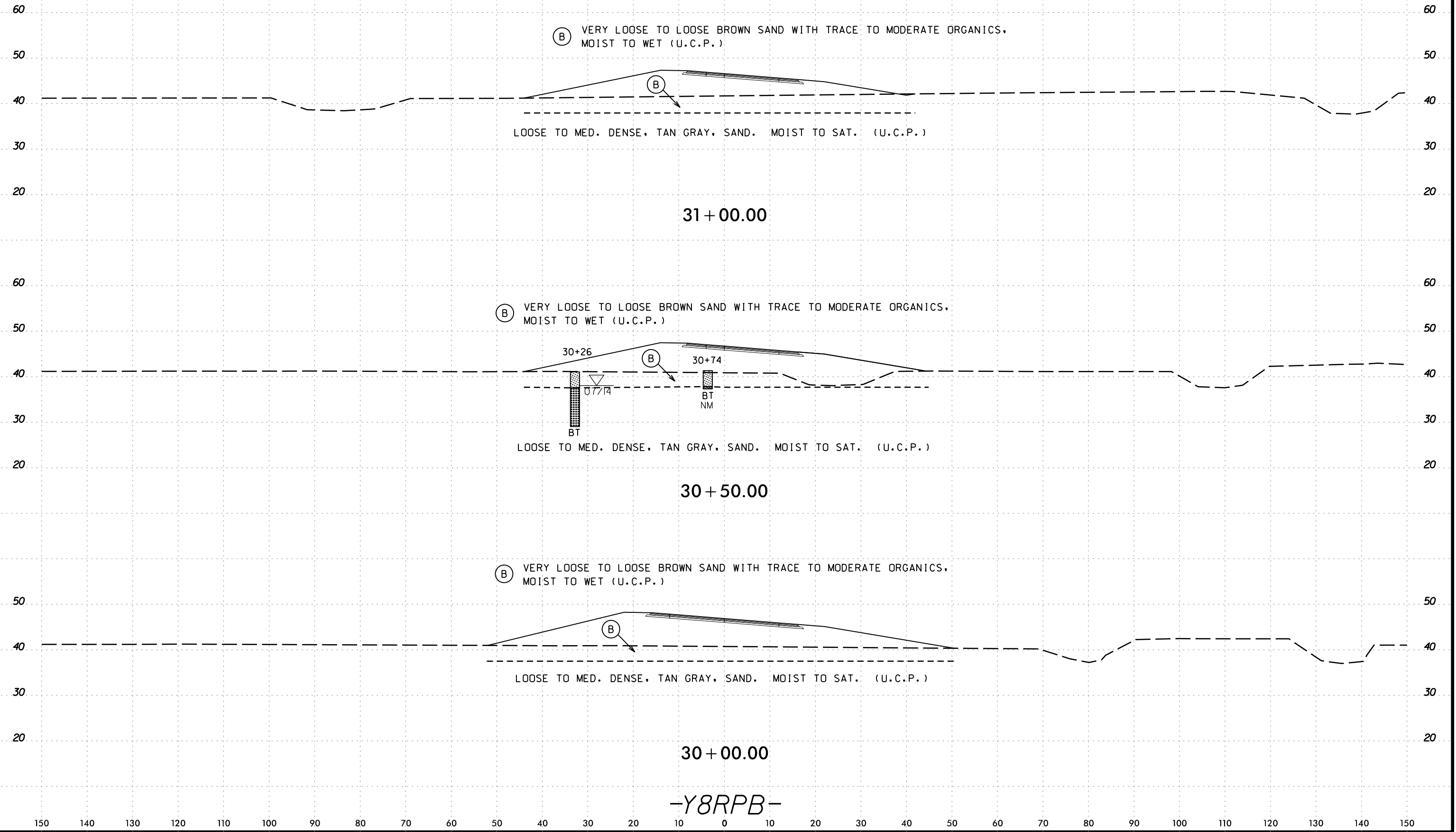


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AT DIMPHERSON-PC
dimperson



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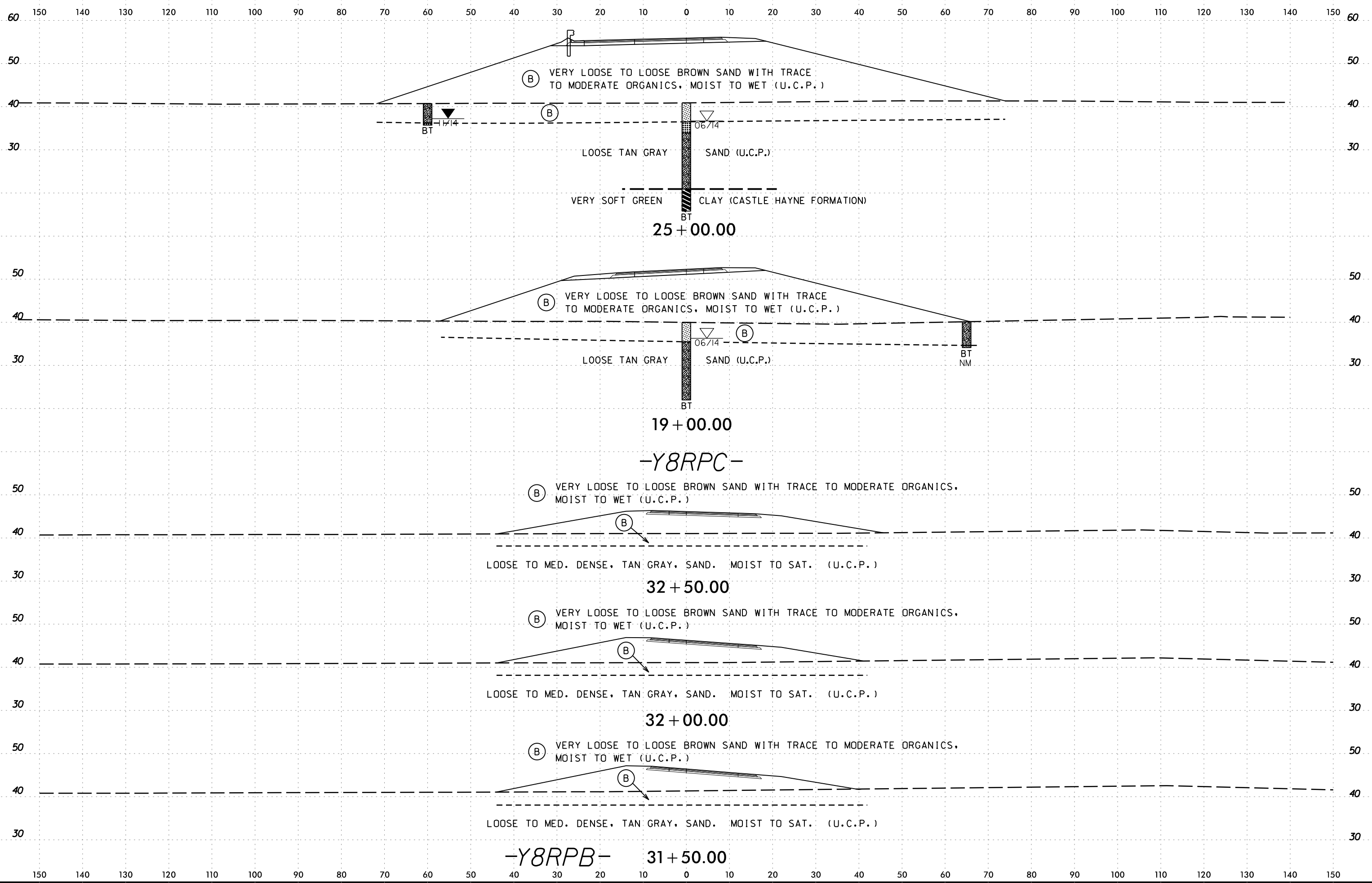
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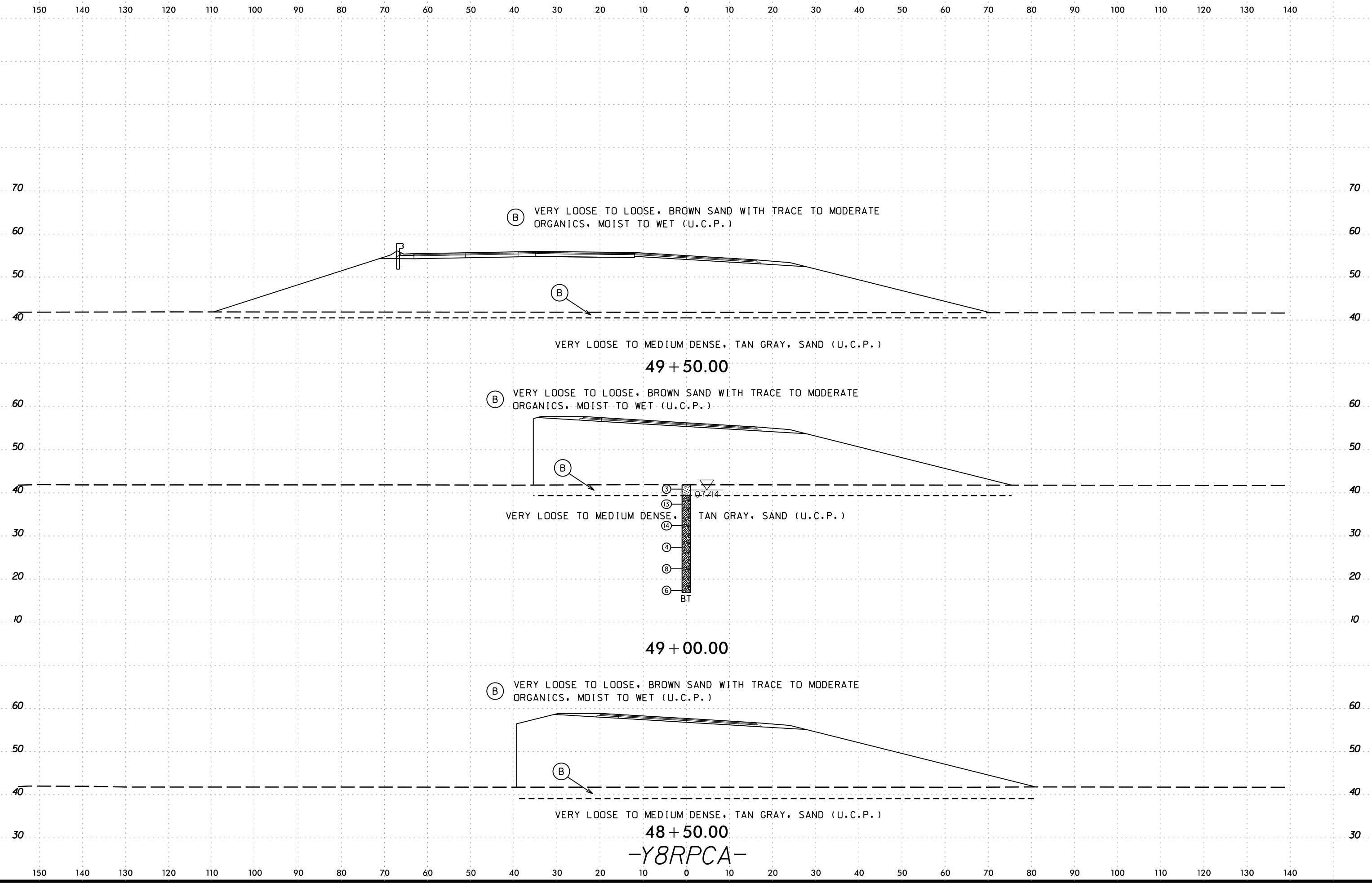
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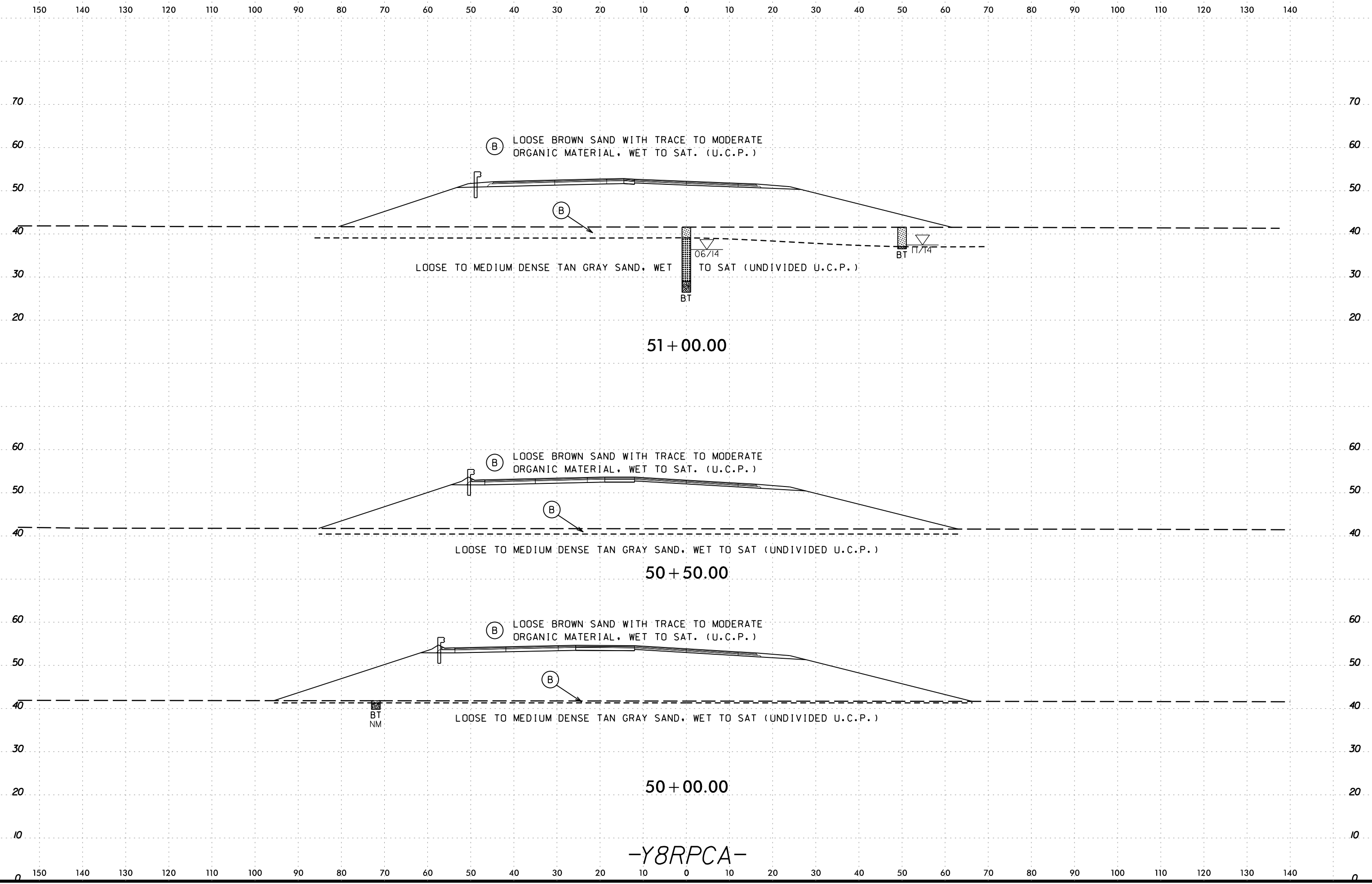
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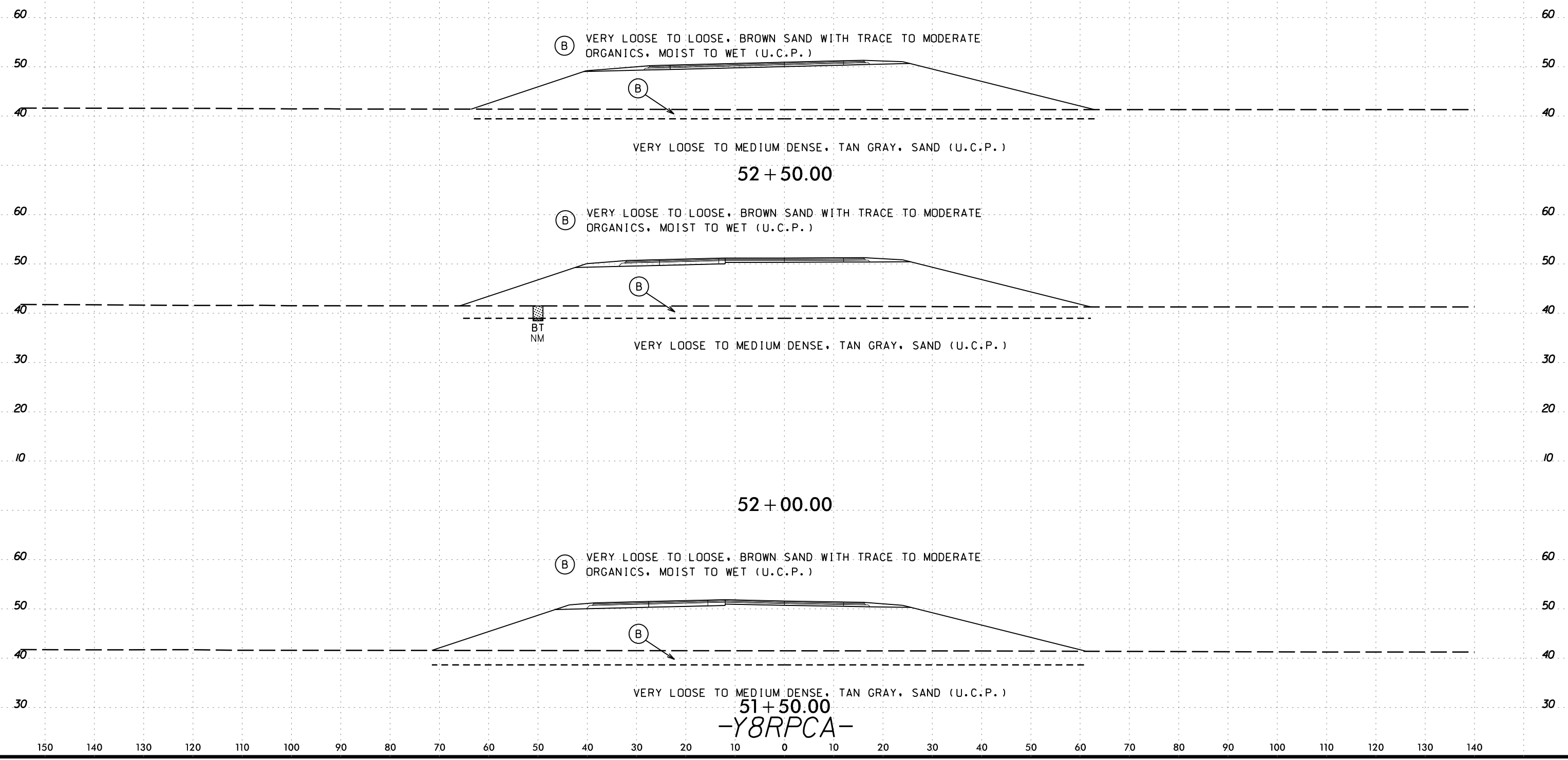
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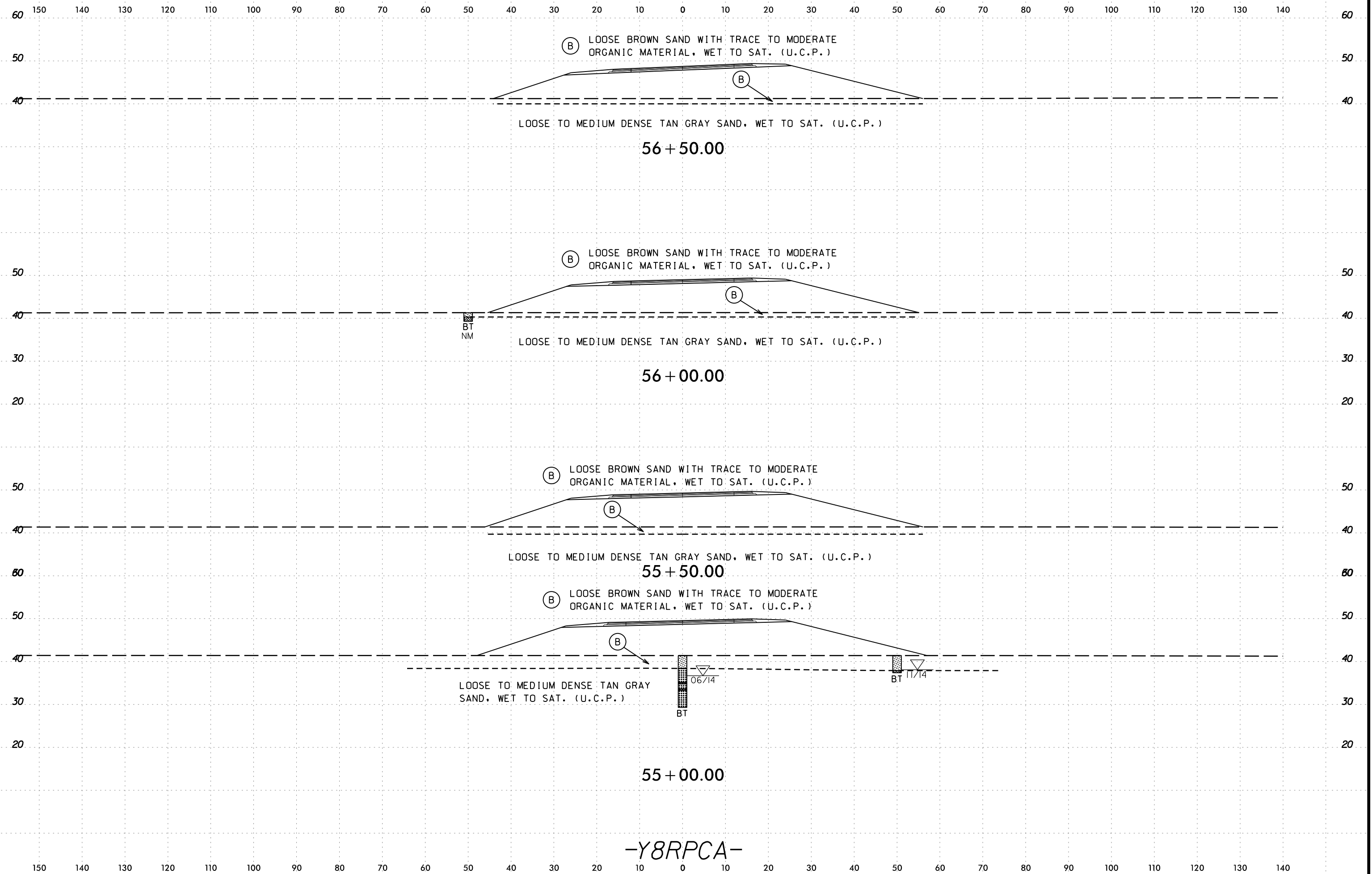
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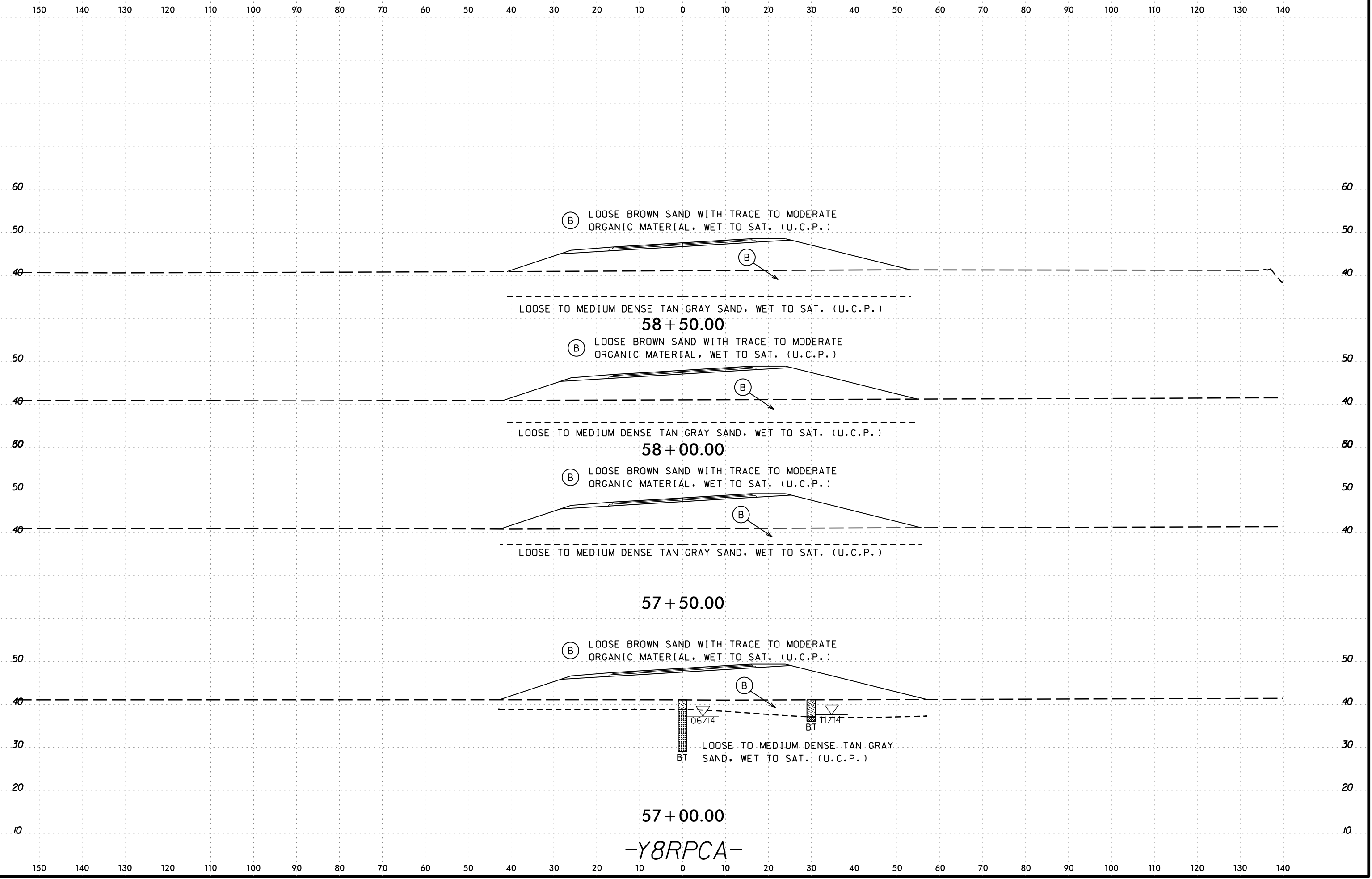
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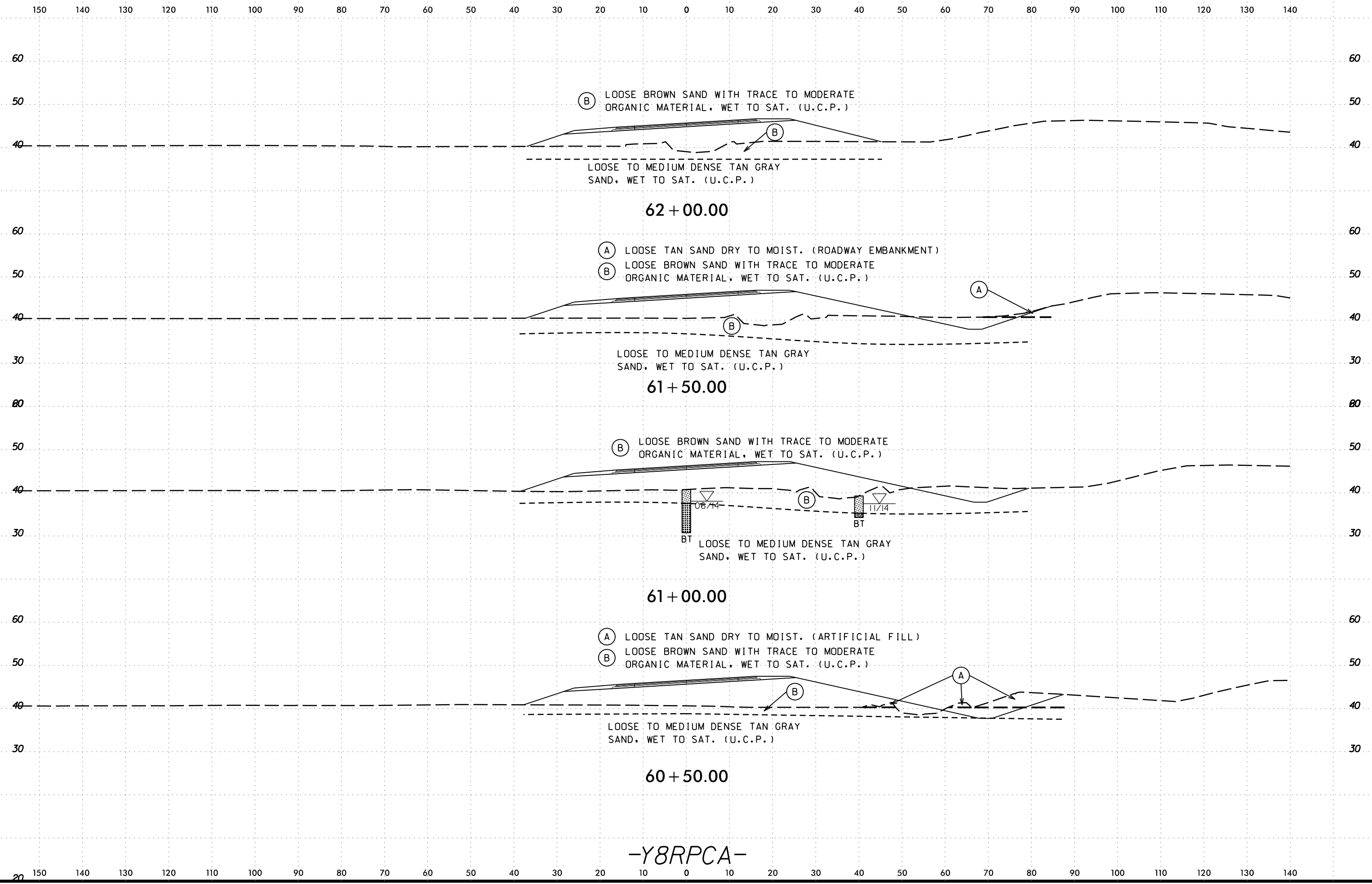
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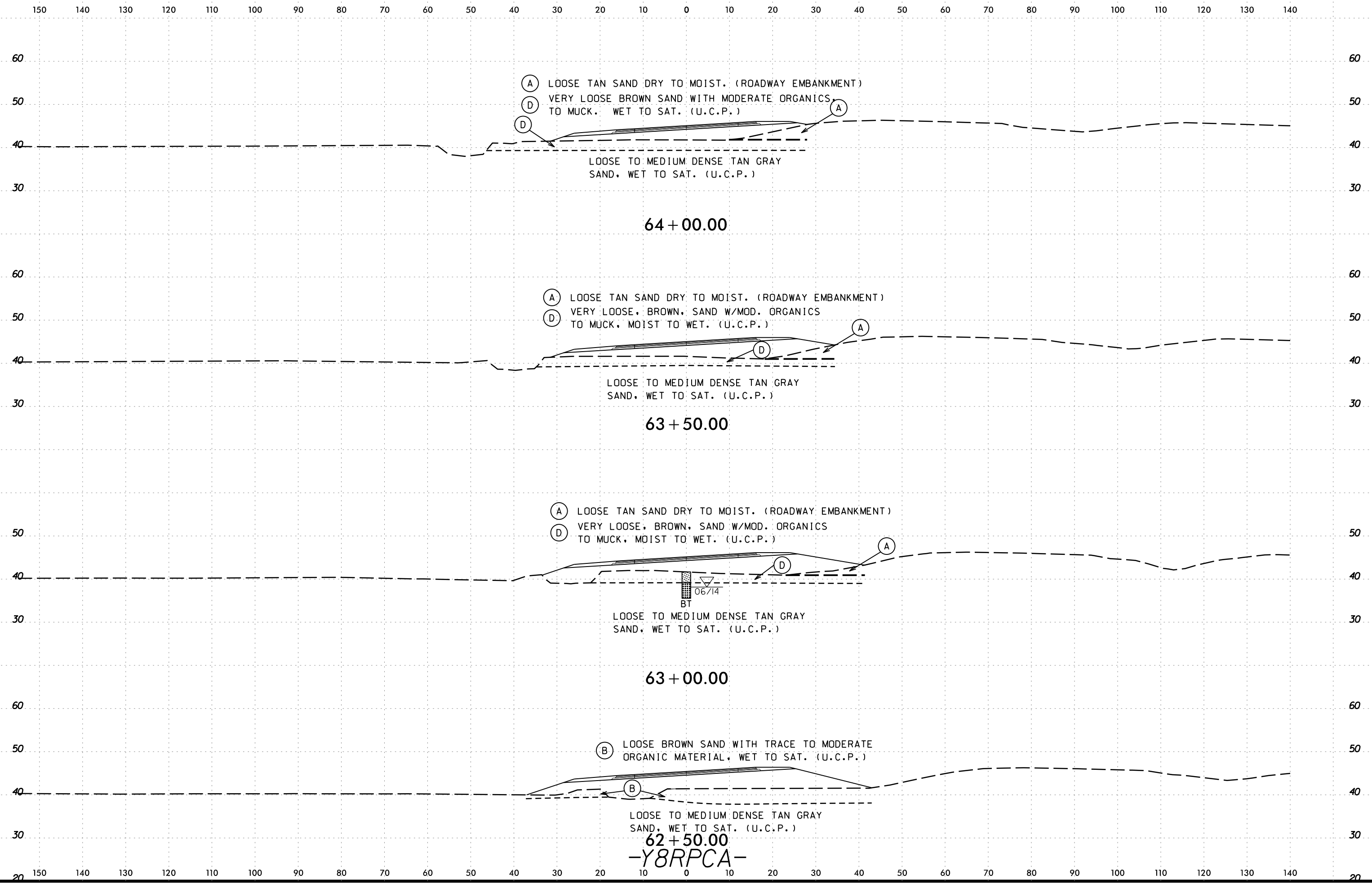


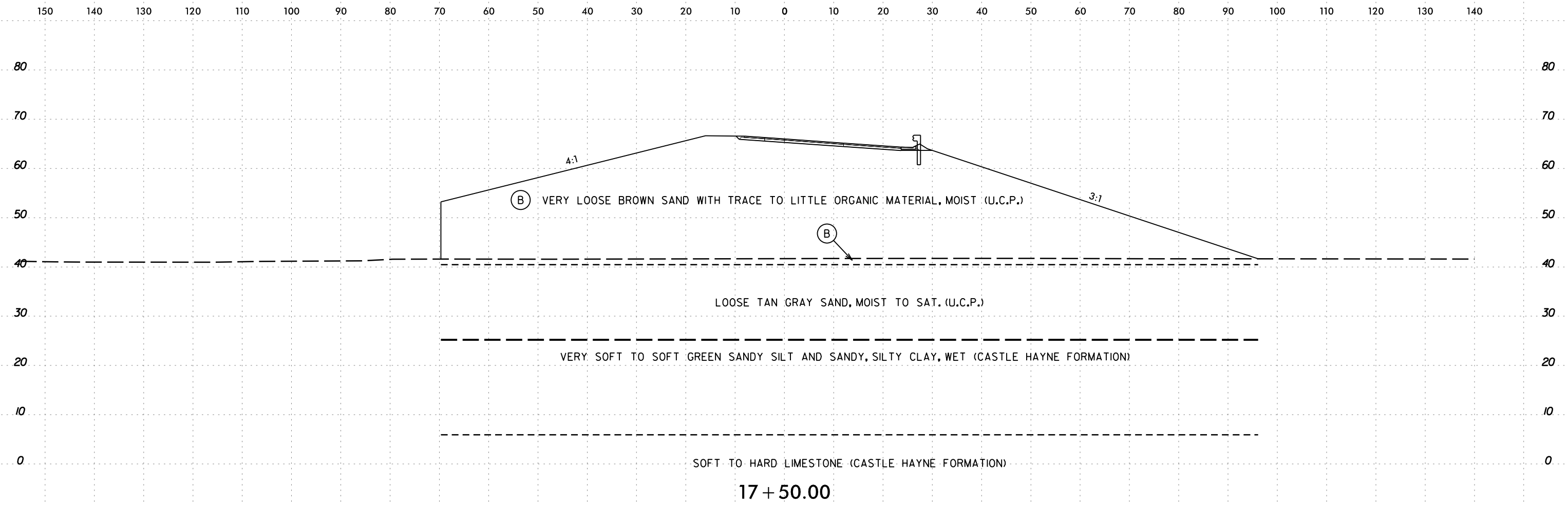
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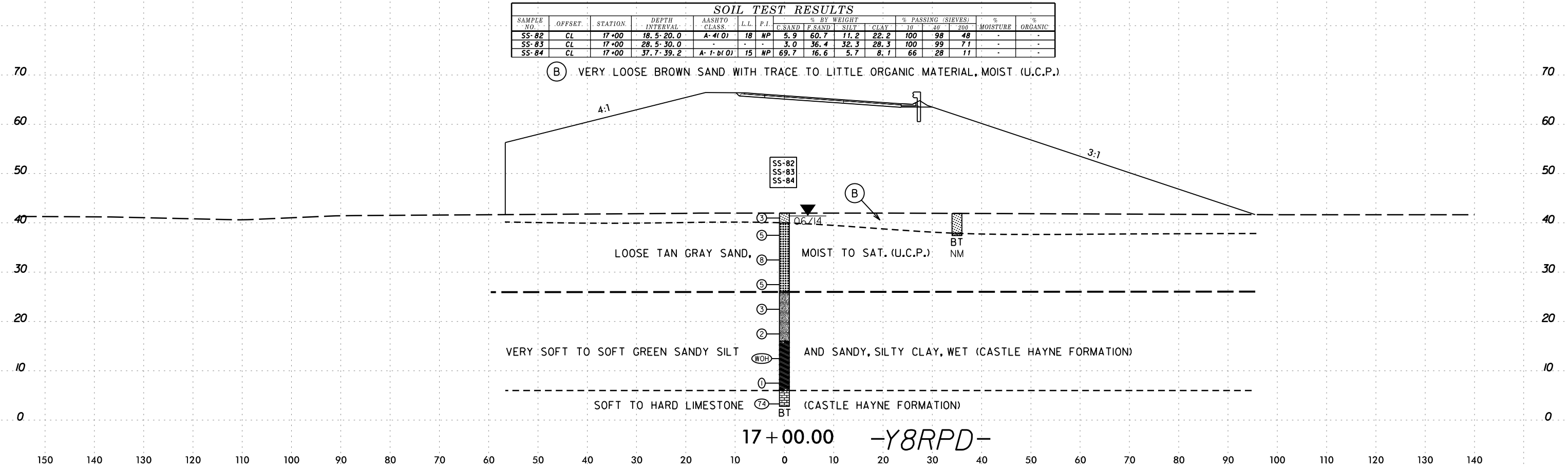
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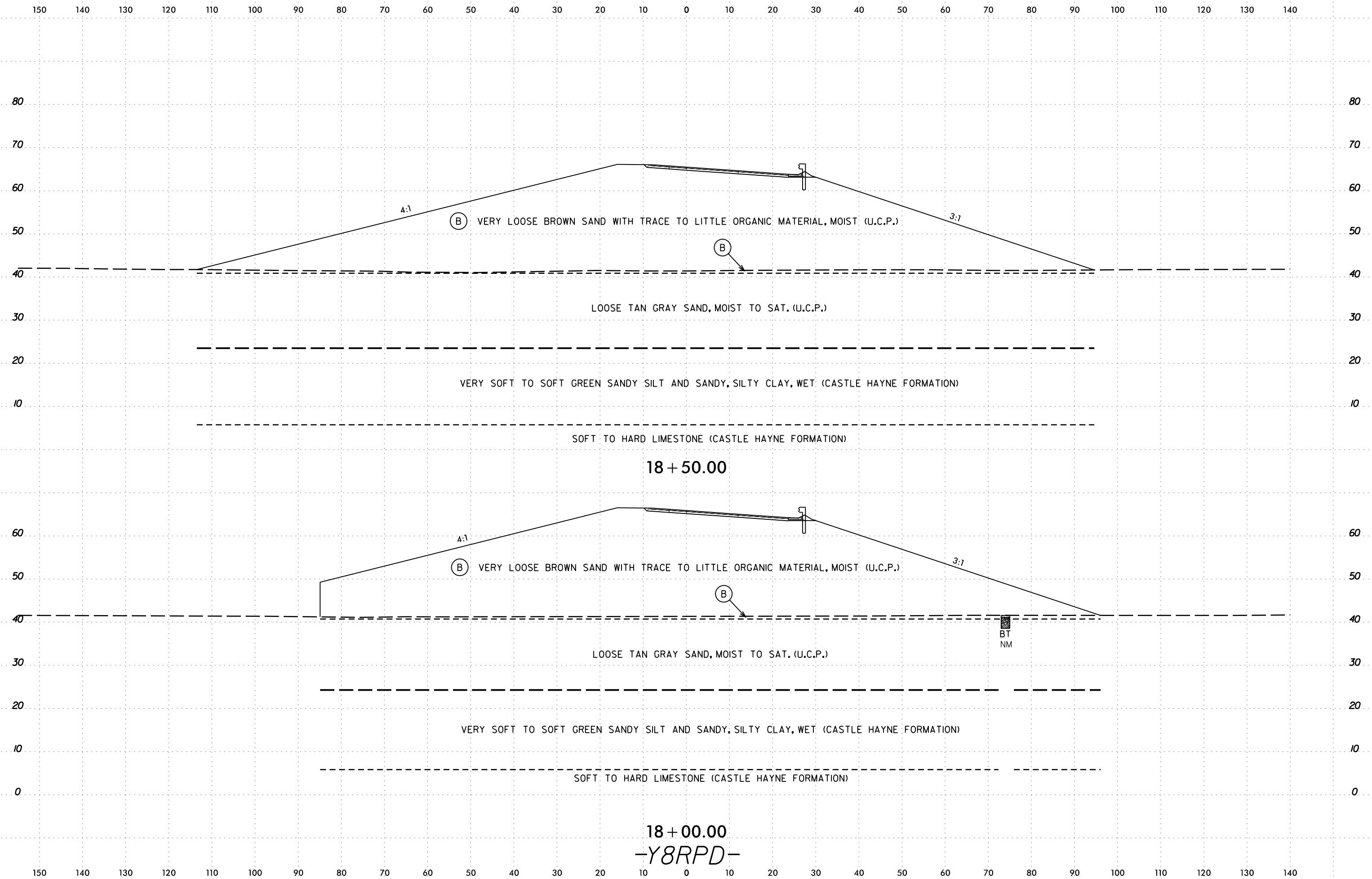




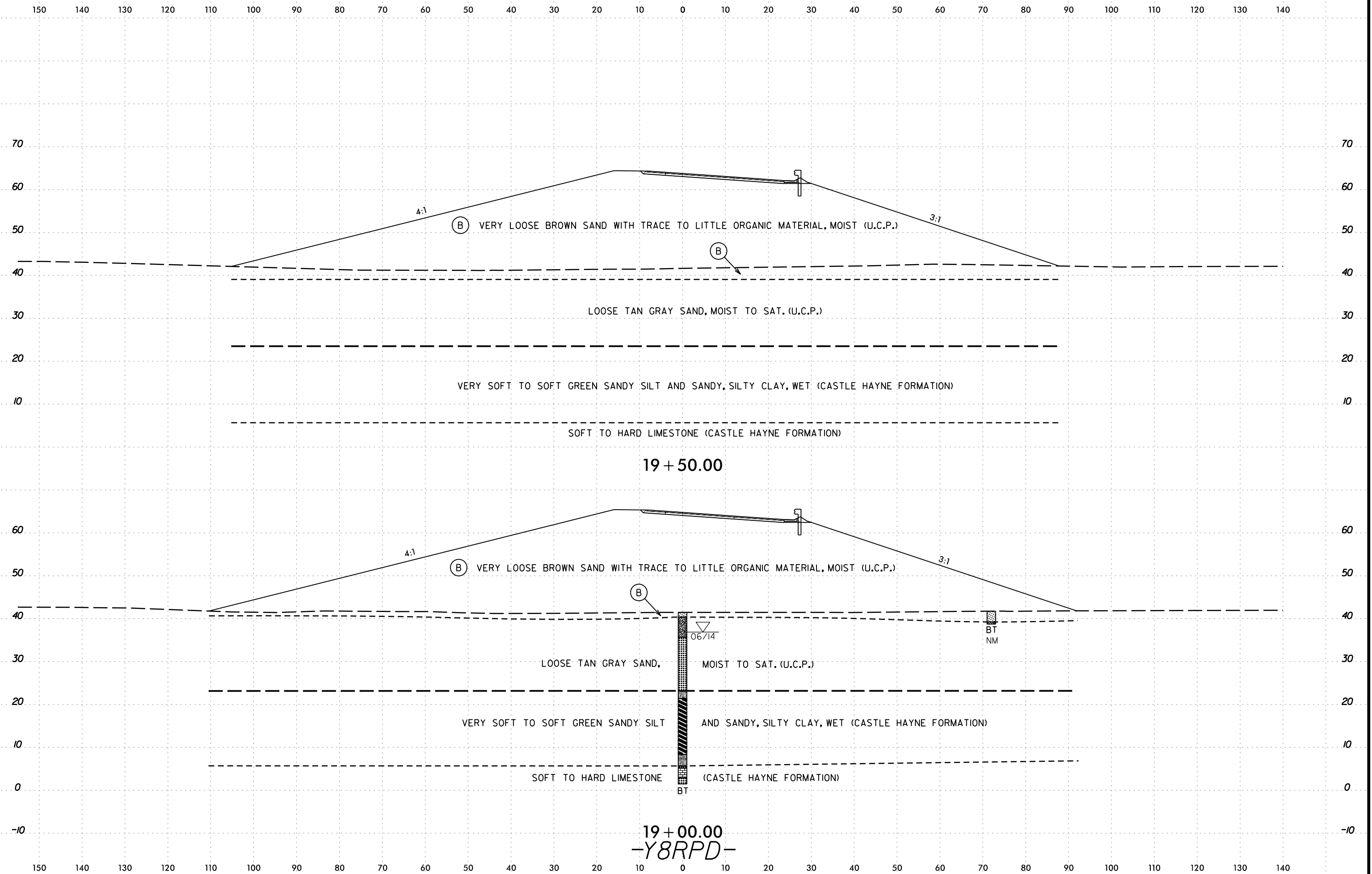
SOIL TEST RESULTS

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	-	-

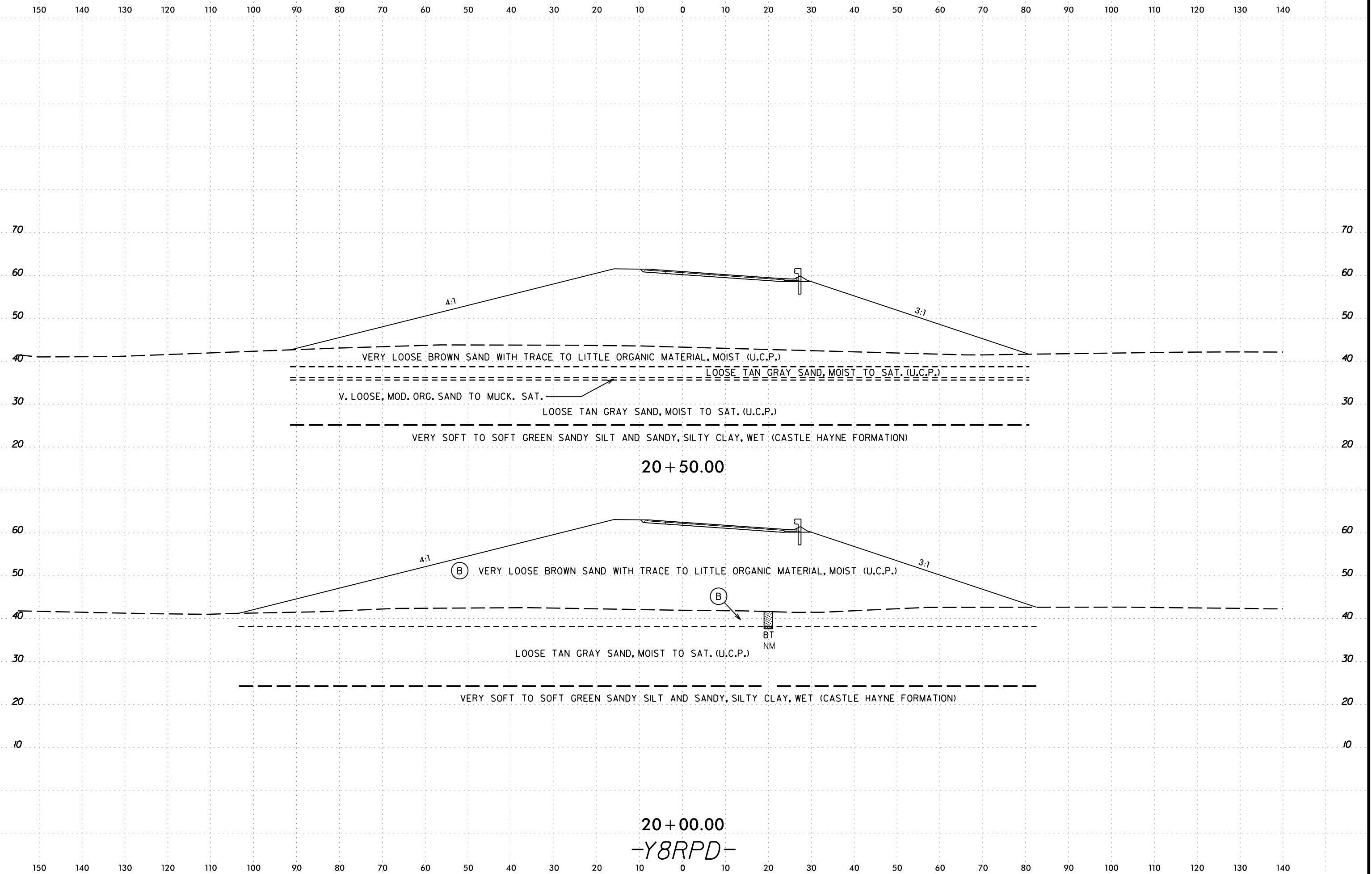


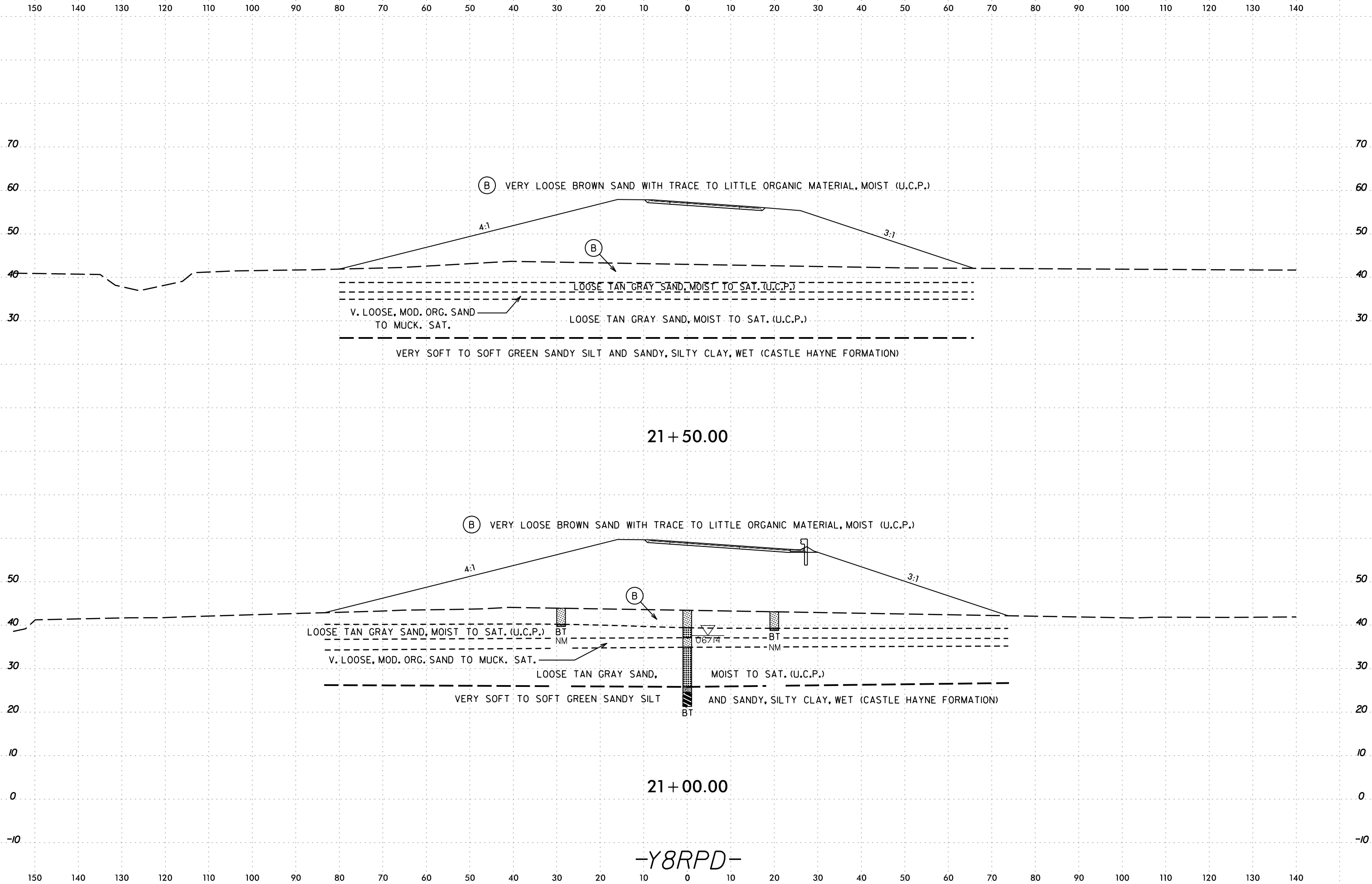


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Limestone AT MICROSTATION

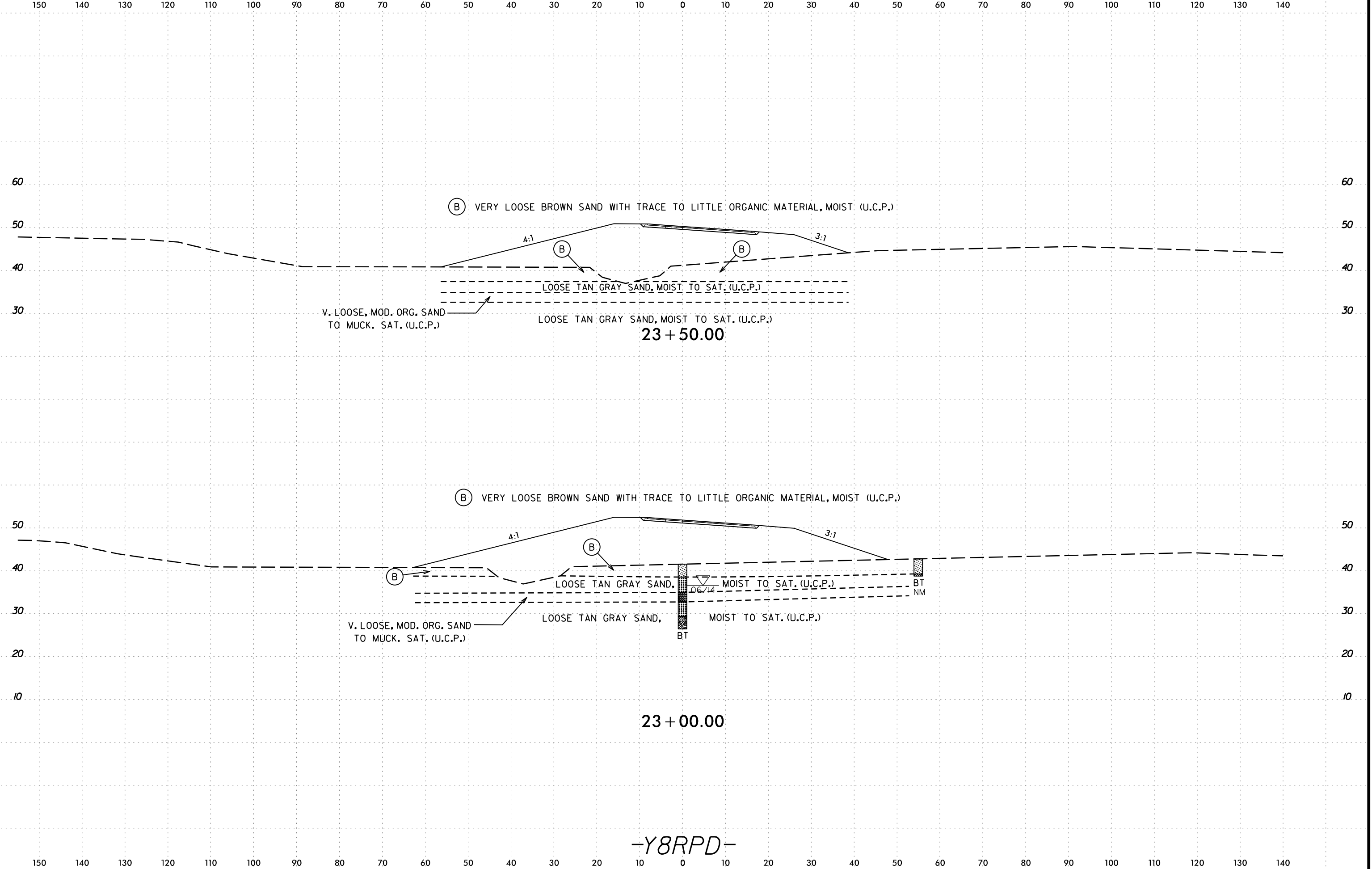


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ISTONE AT MICROSTATION



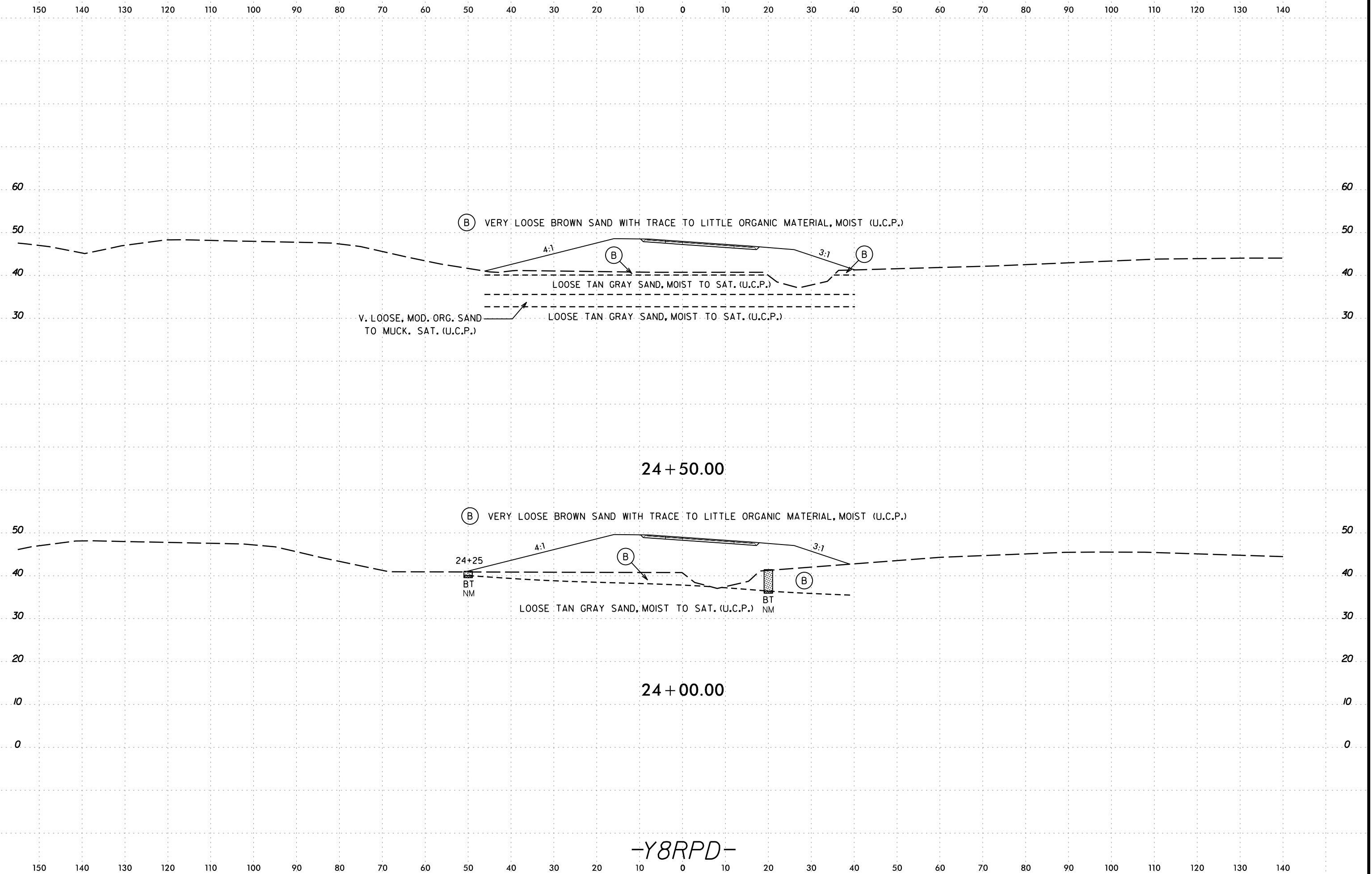


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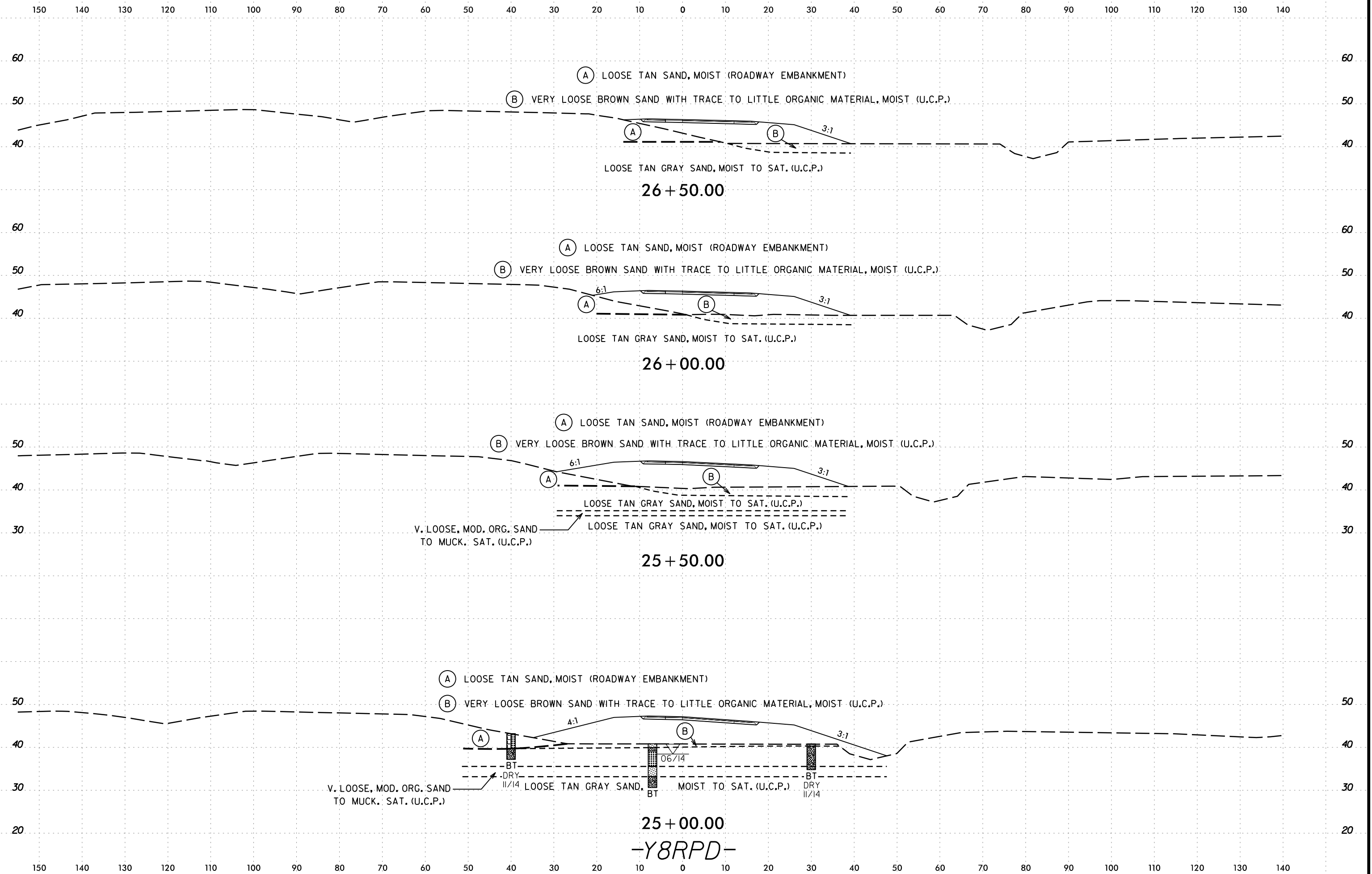


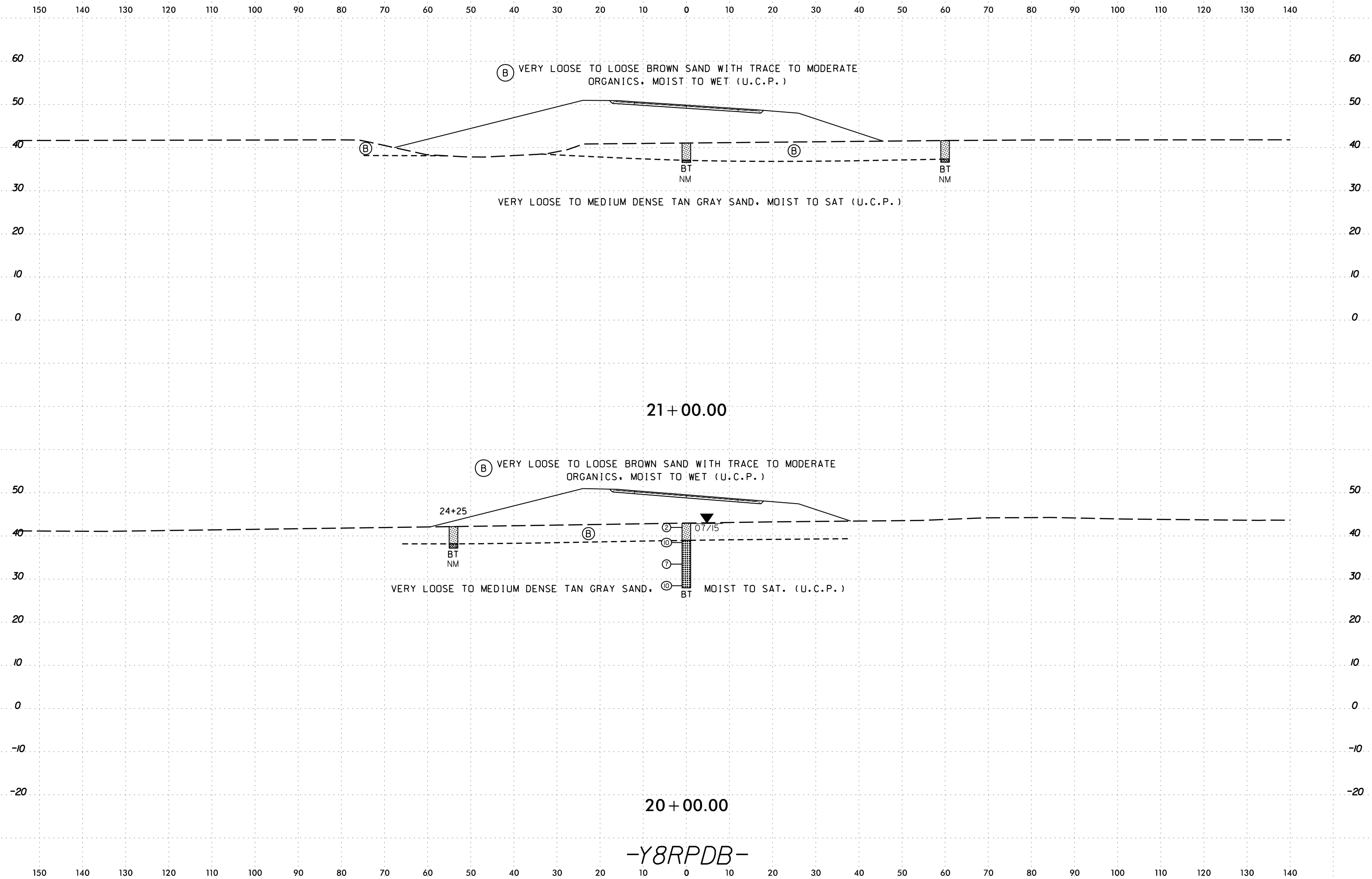
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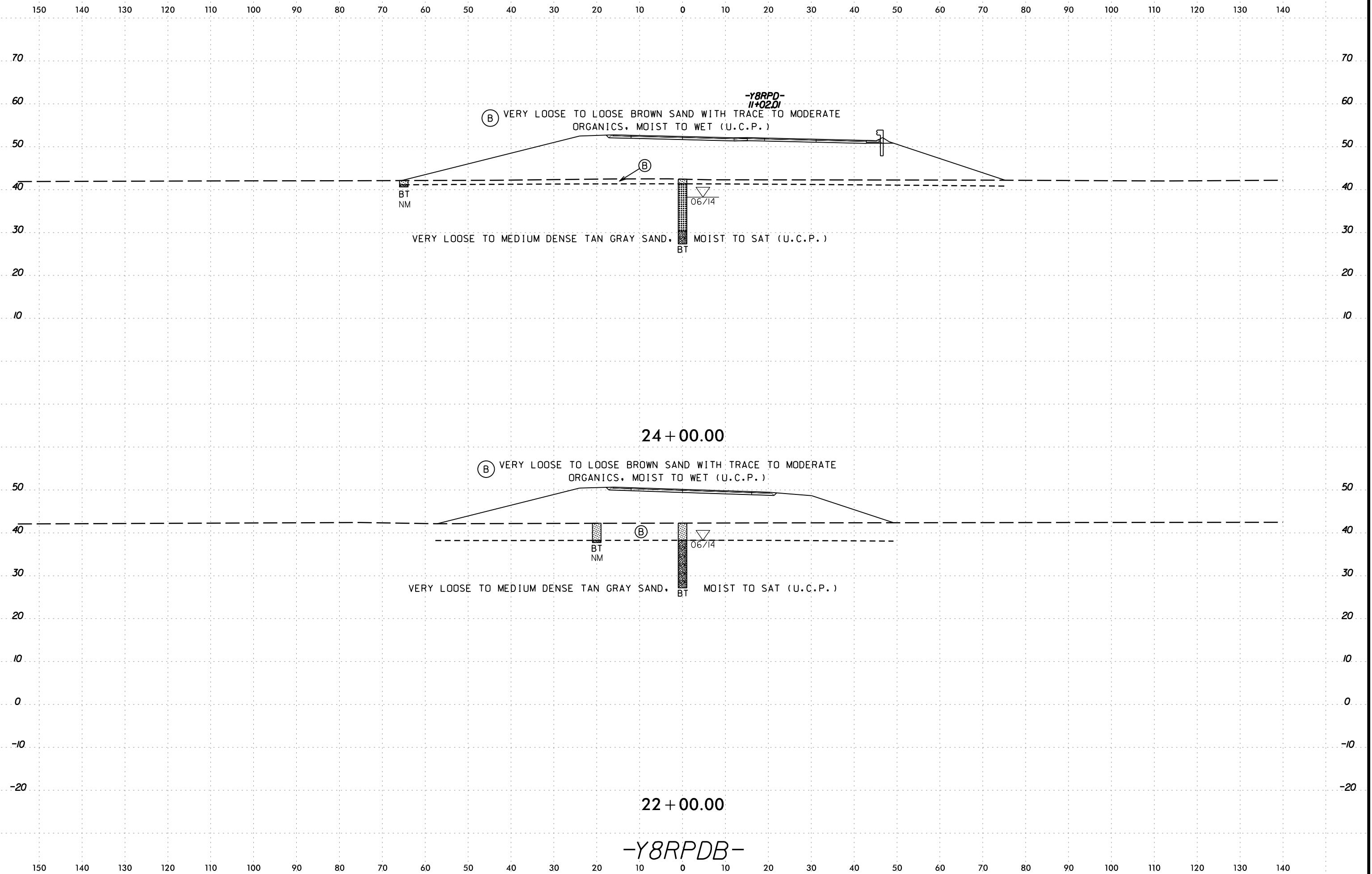


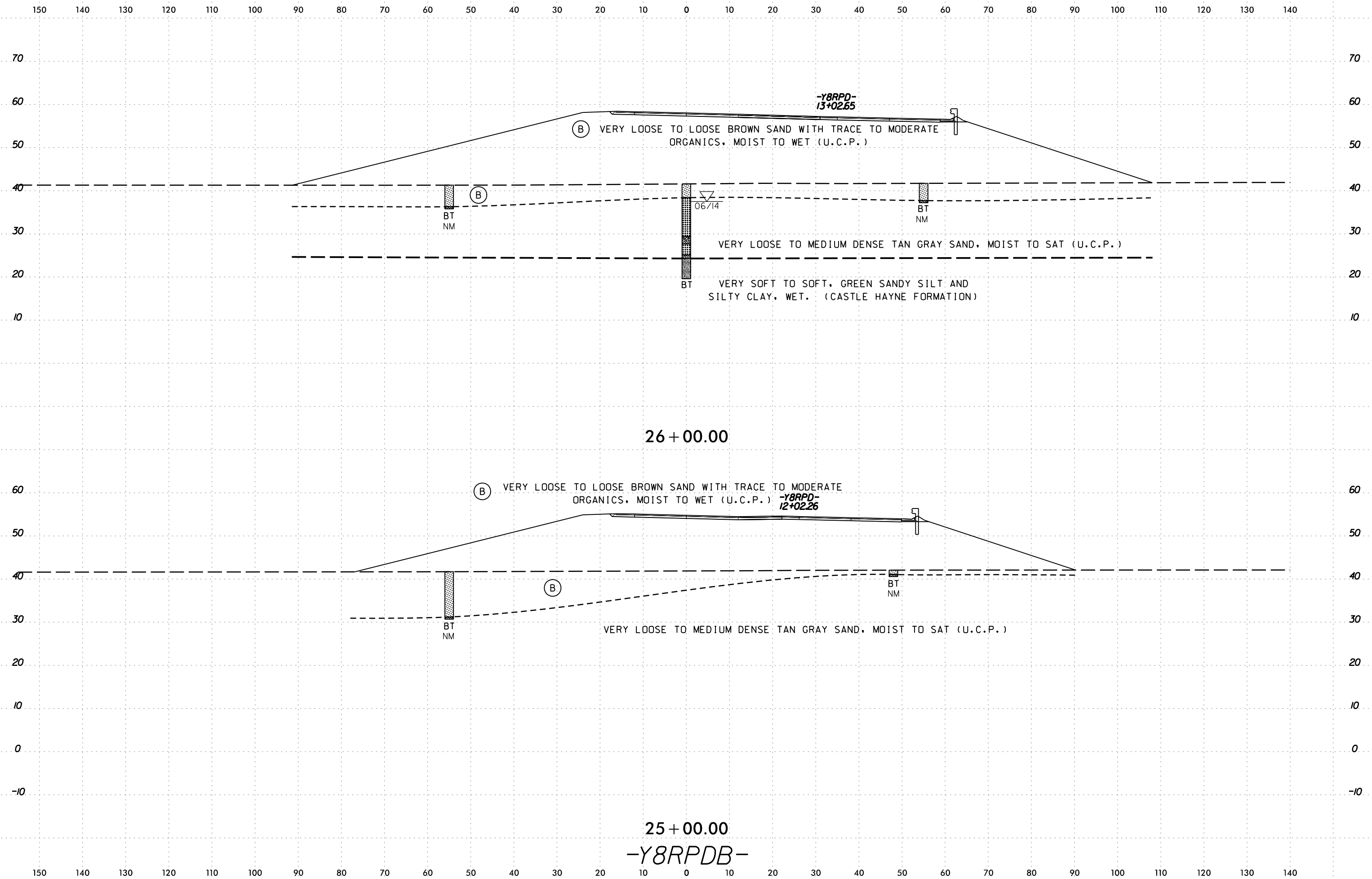
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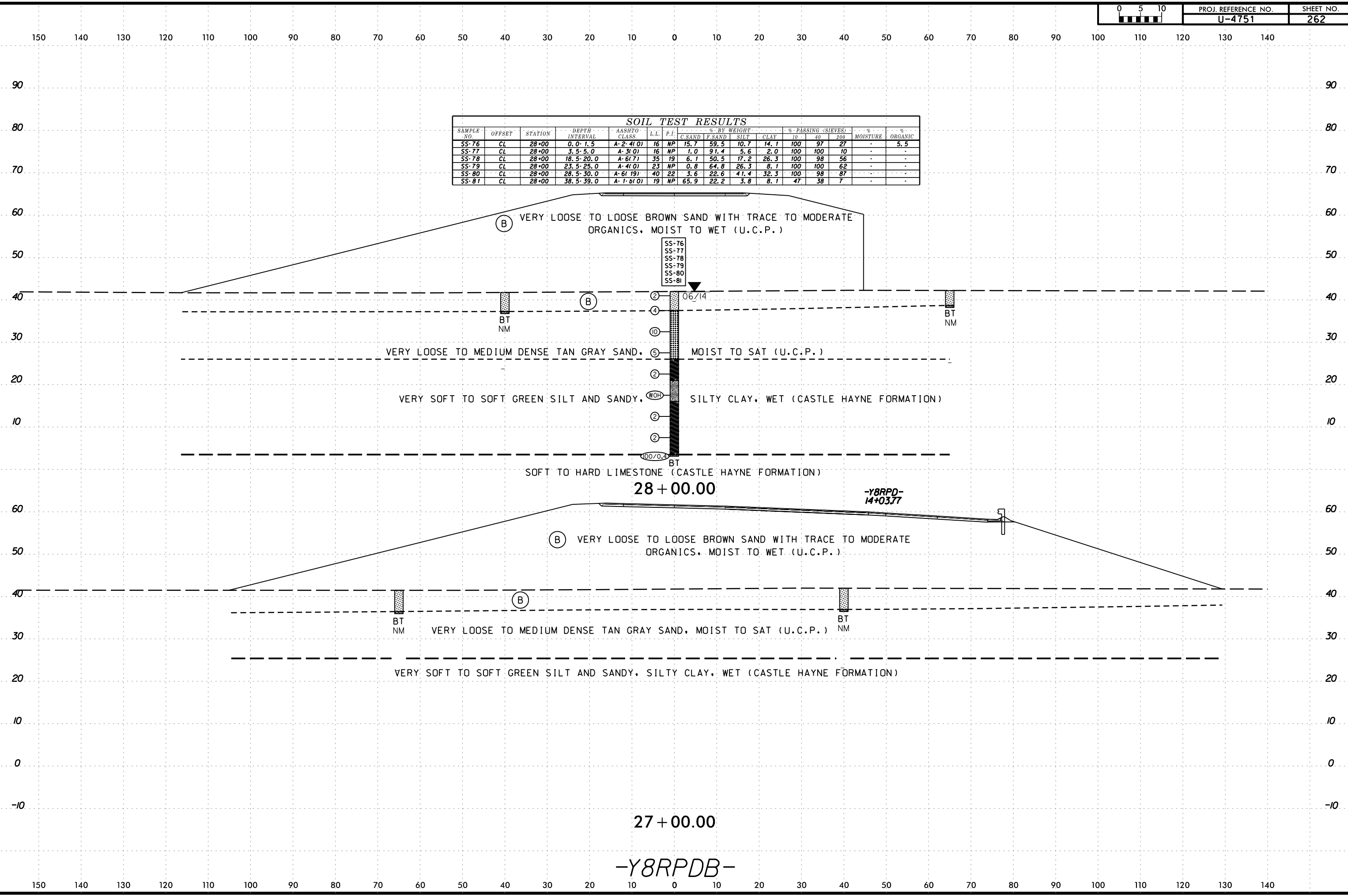
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STONE AT MICROSTATION



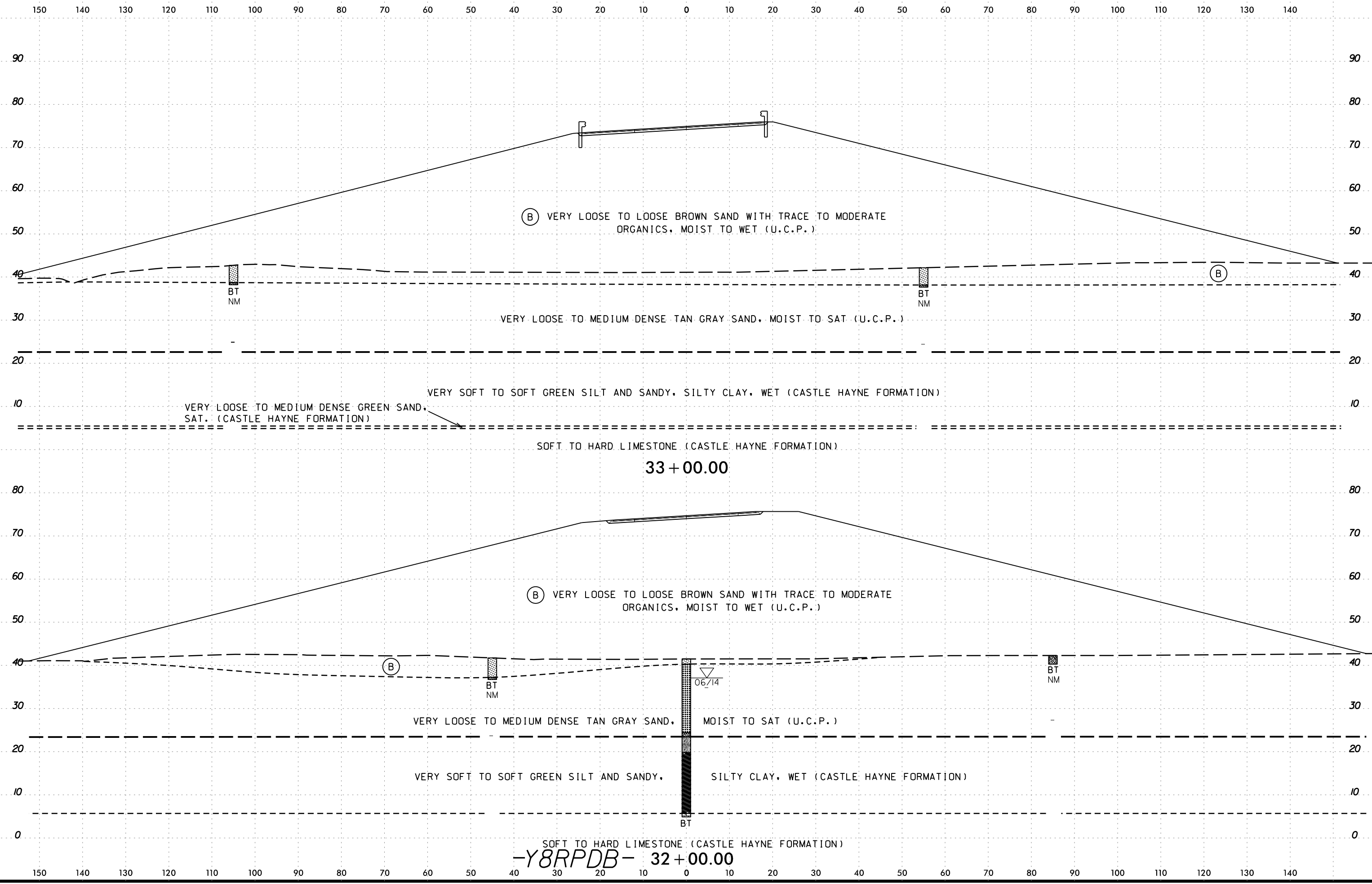


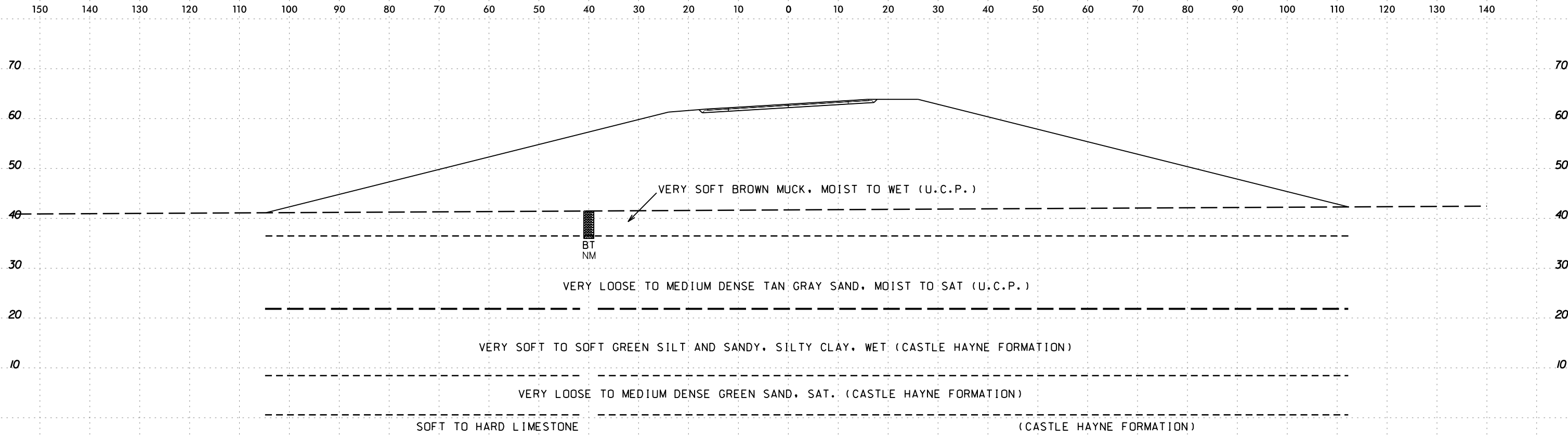
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 1:stone AT MICROSTATIONPC2

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
							C SAND	F SAND	SILT	10	40	200			
SS-76	CL	28+00	0.0-1.5	A-2-4(0)	16	NP	15.7	59.5	10.7	14.1	100	97	27	-	5.5
SS-77	CL	28+00	3.5-5.0	A-3(0)	16	NP	1.0	91.4	5.6	2.0	100	100	10	-	-
SS-78	CL	28+00	18.5-20.0	A-6(7)	35	19	6.1	50.5	17.2	26.3	100	98	56	-	-
SS-79	CL	28+00	23.5-25.0	A-4(0)	23	NP	0.8	64.8	26.3	8.1	100	100	62	-	-
SS-80	CL	28+00	28.5-30.0	A-6(19)	40	22	3.6	22.6	41.4	32.3	100	98	87	-	-
SS-81	CL	28+00	38.5-39.0	A-1-b(0)	19	NP	65.9	22.2	3.8	8.1	47	38	7	-	-

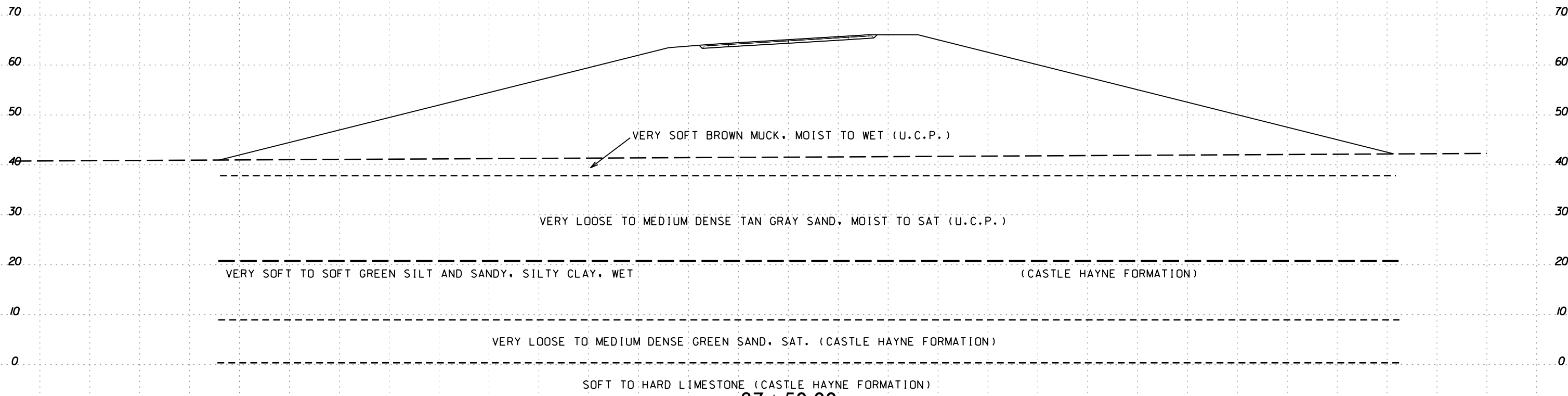


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STONE AT MICROSTATIONPC2



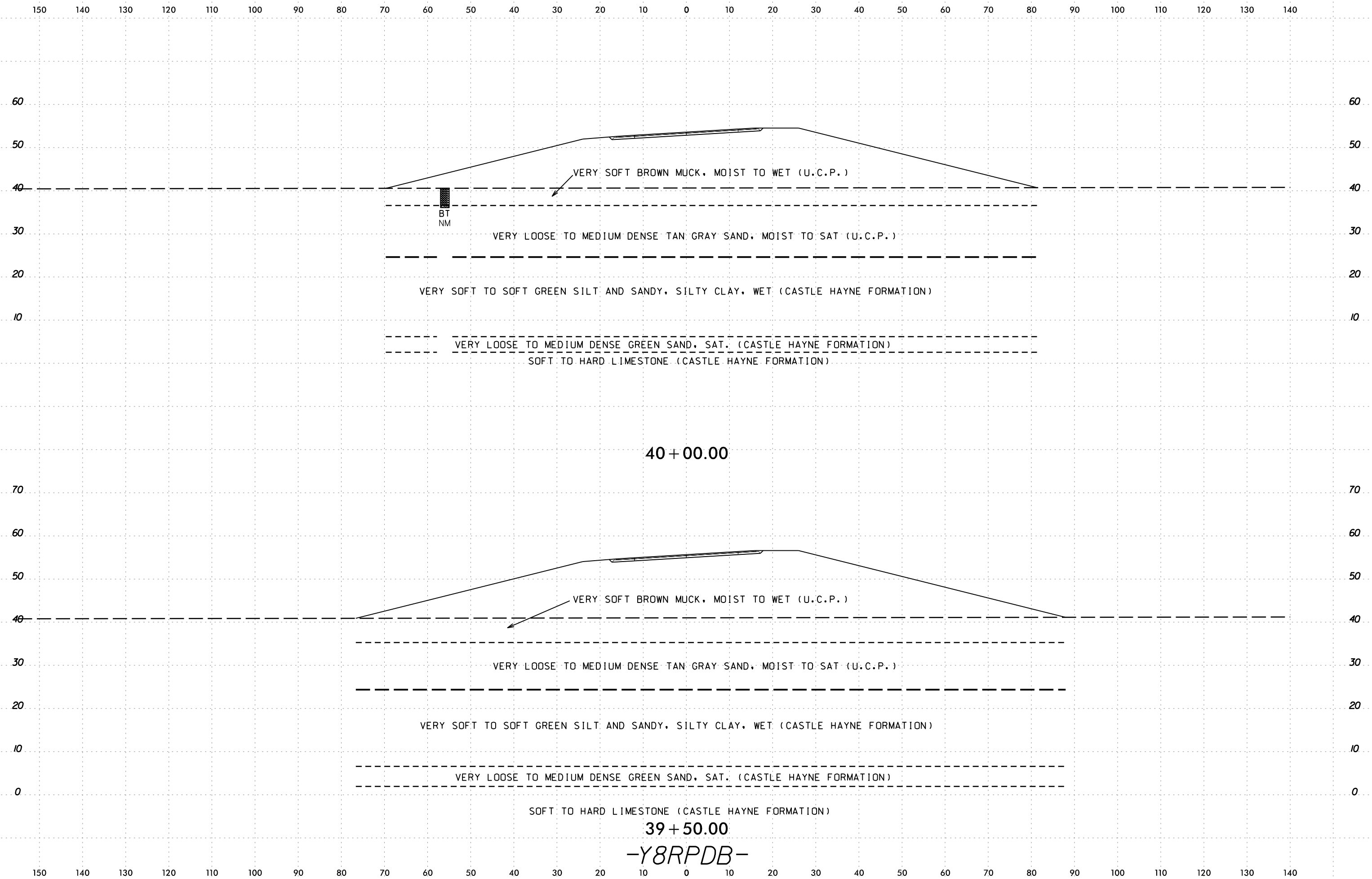


38 + 00.00



37 + 50.00

-Y8RPDB-



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 Limestone AT MICROSTATIONPC2

-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

20 20

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

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

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

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

40 40

30 30

20 20

10 10

0 0

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70 70

60 60

50 50

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

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

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

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

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

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

40 40

30 30

20 20

10 10

0 0

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60 60

50 50

40 40

30 30

20 20

10 10

0 0

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60 60

50 50

40 40

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10 10

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50 50

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30 30

20 20

10 10

0 0

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70 70

60 60

50 50

40 40

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0 0

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70 70

60 60

50 50

40 40

30 30

20 20

10 10

0 0

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60 60

50 50

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30 30

20 20

10 10

0 0

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70 70

60 60

50 50

40 40

30 30

20 20

10 10

0 0

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70 70

60 60

50 50

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

40 40

30 30

20 20

10 10

0 0

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70 70

60 60

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70 70

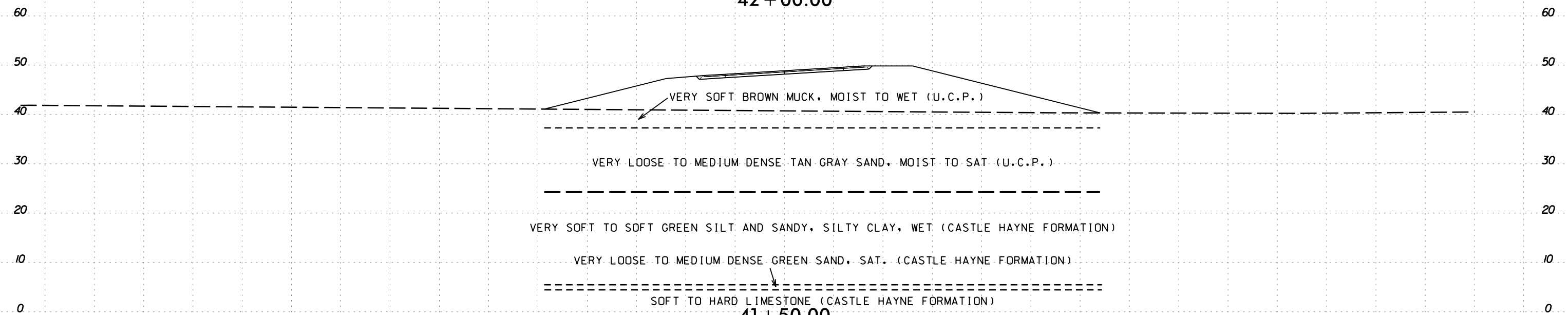
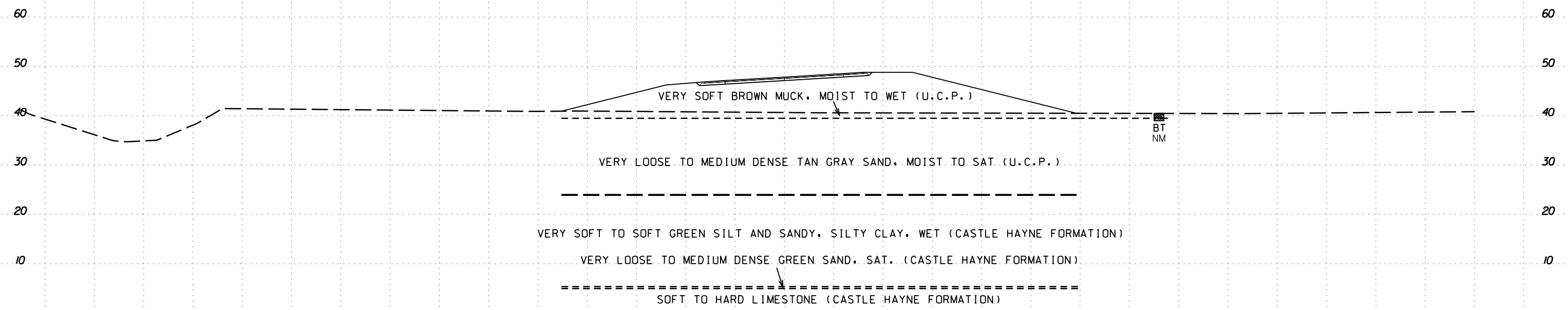
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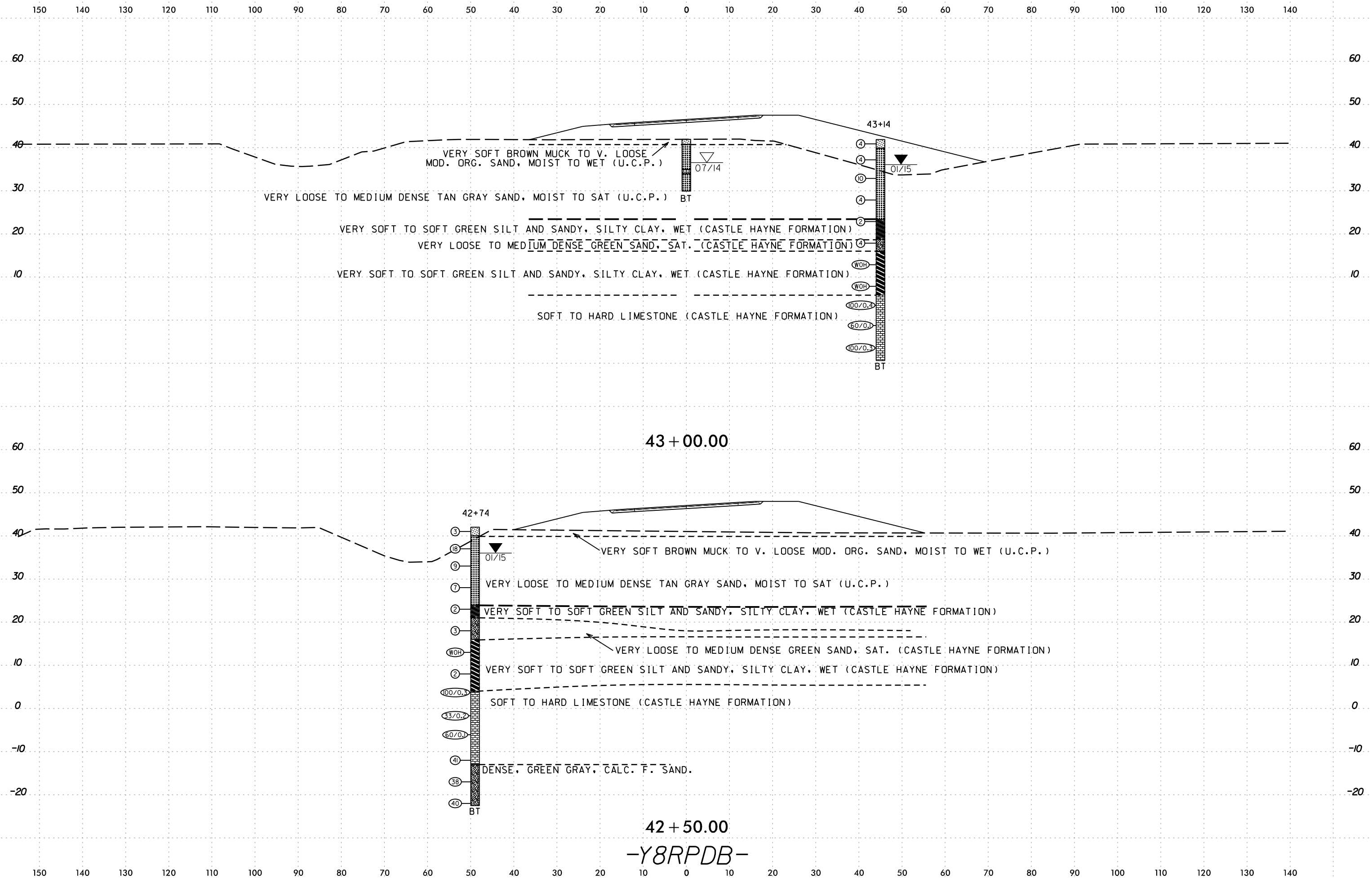
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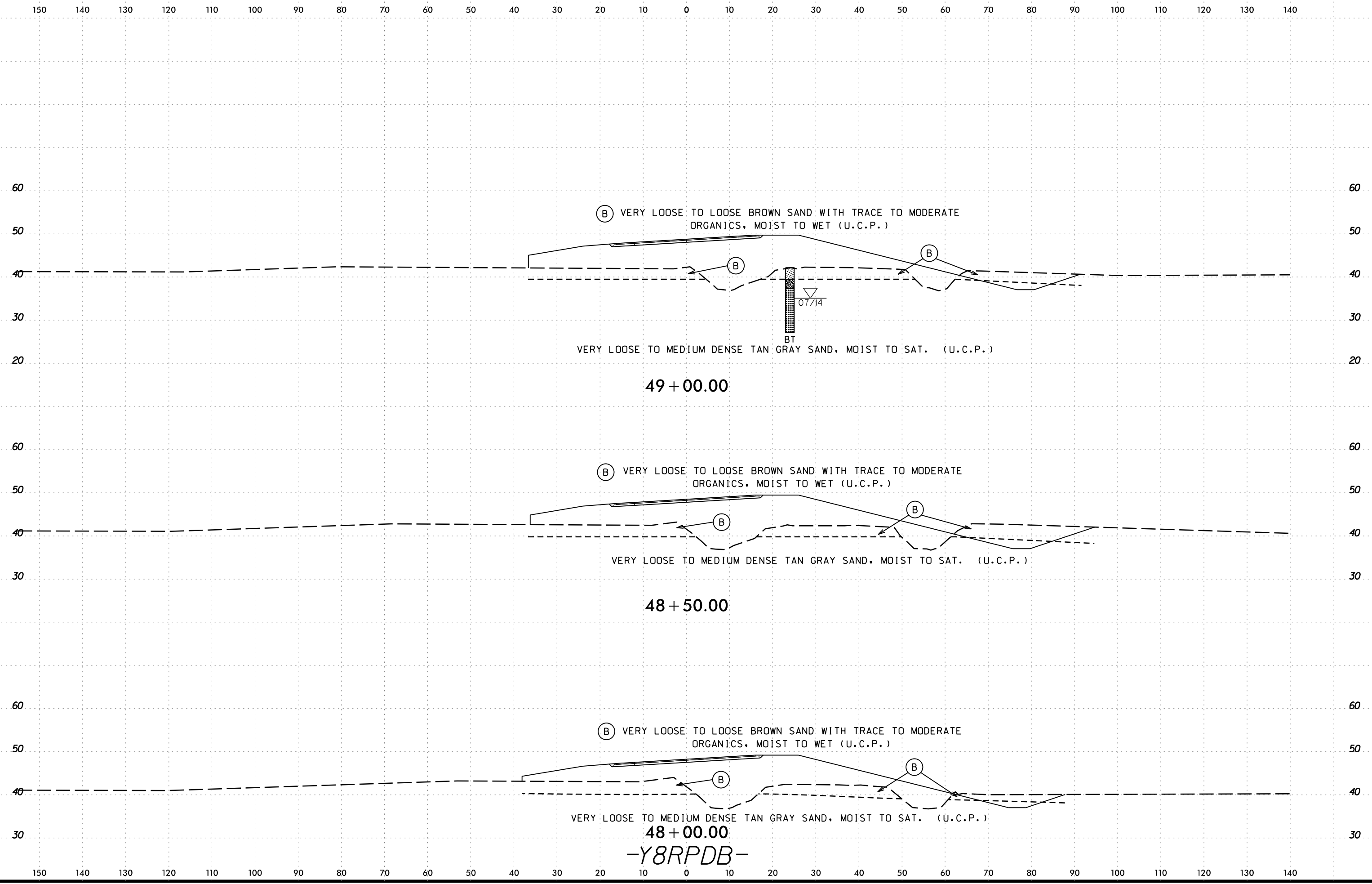
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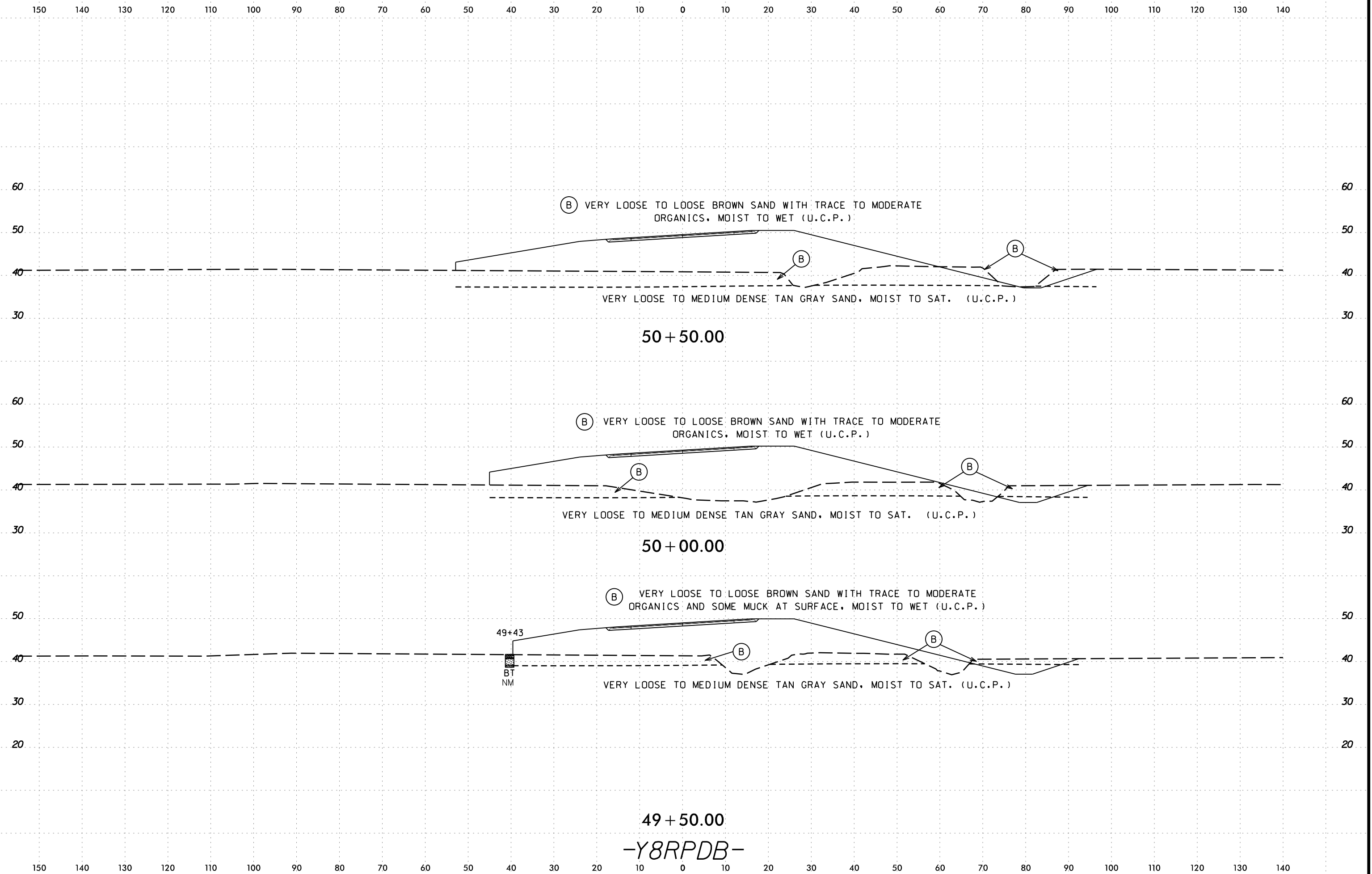
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-Y8RPDB-

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 11/15/16
 AT MICROSTATION



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6/23/16
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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-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-

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

(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.)

55 + 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.)

54 + 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.)

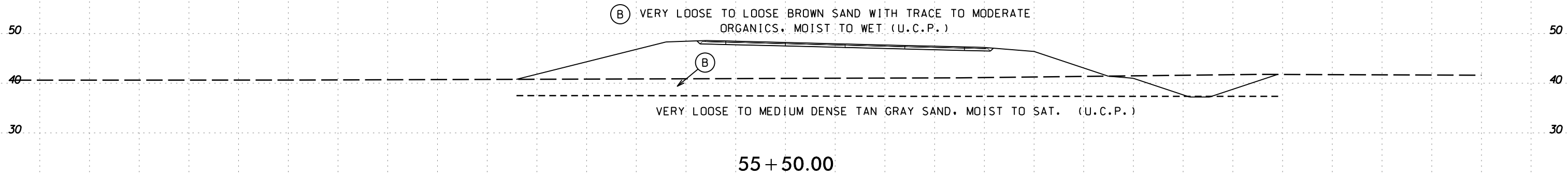
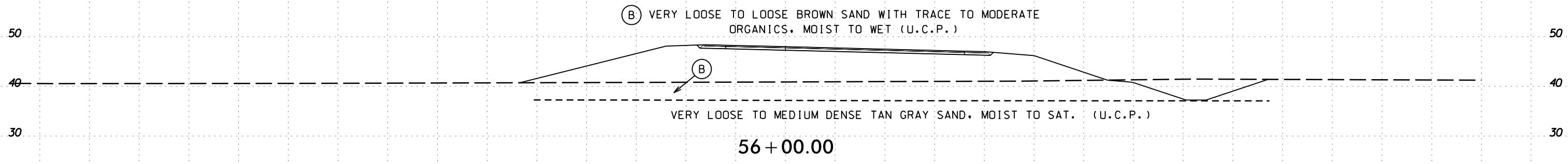
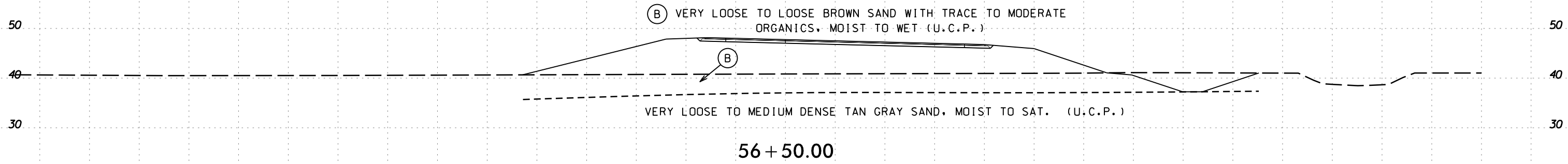
54 + 00.00

-Y8RPDB-

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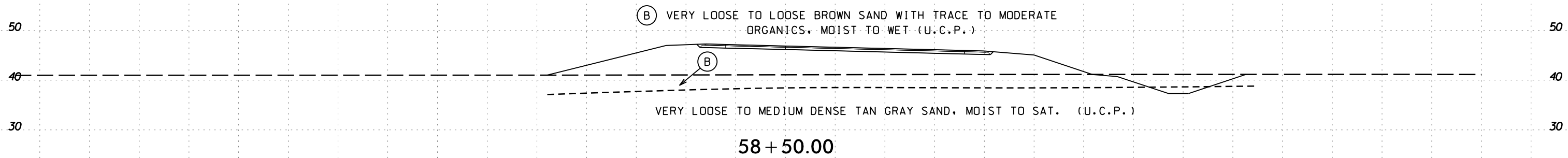
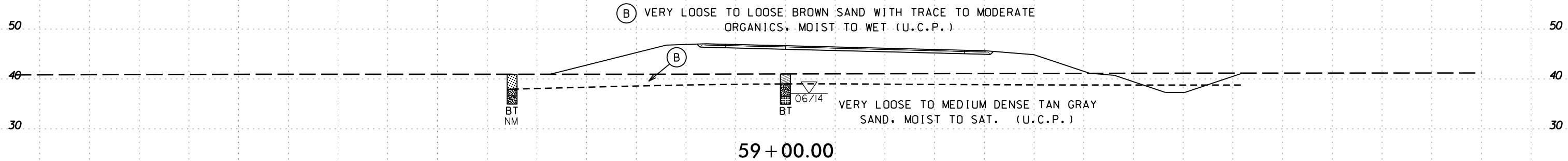
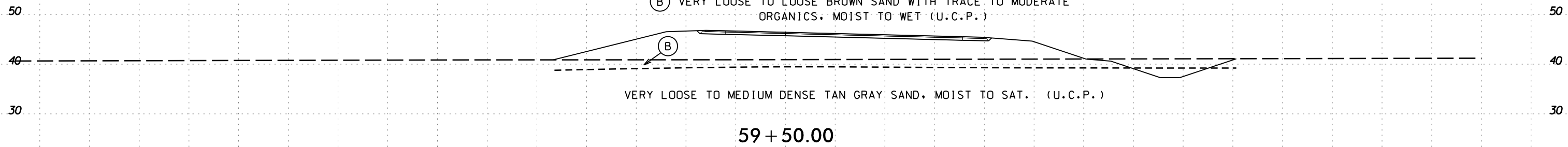
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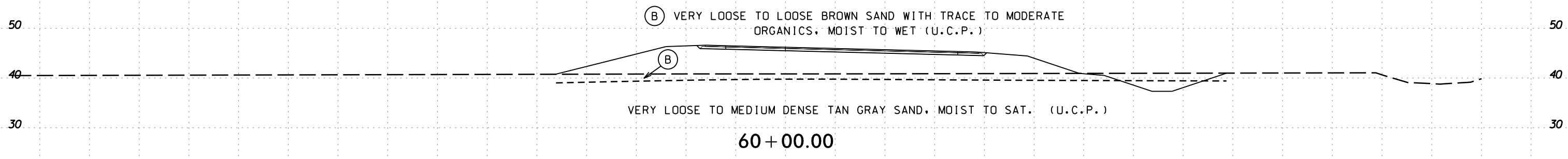
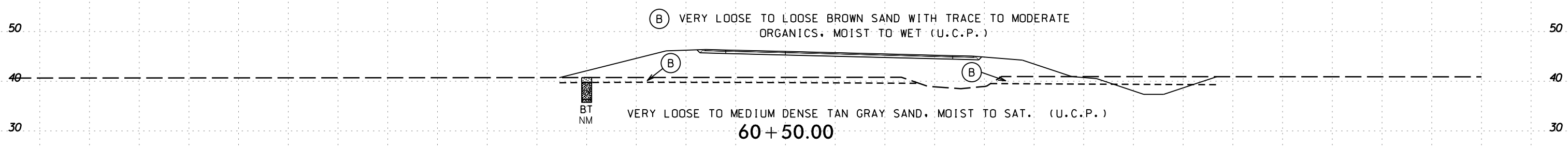
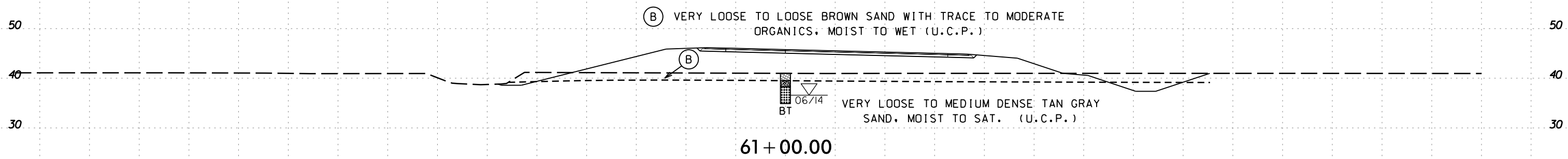
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-Y8RPDB-

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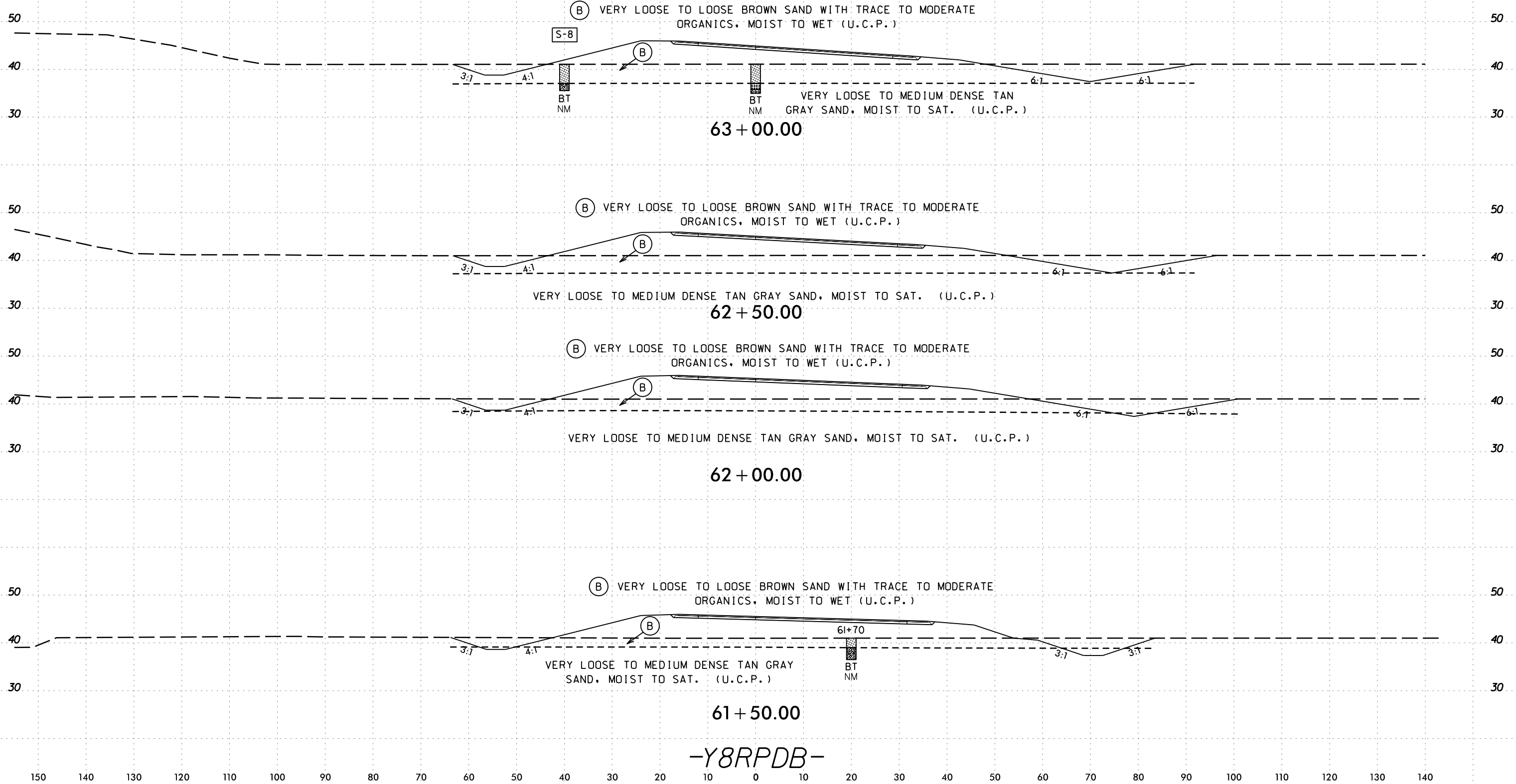


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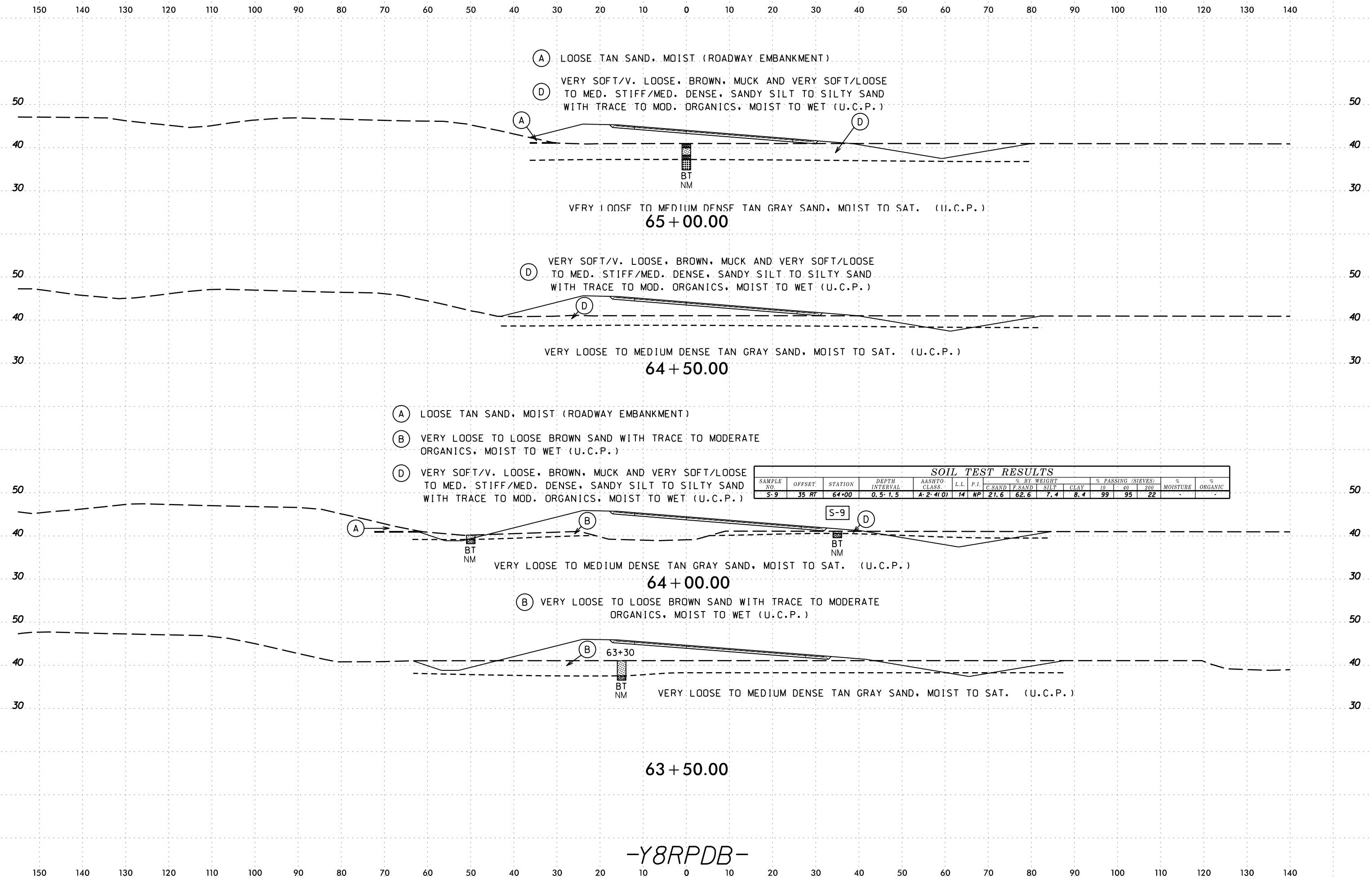
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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
5-8	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



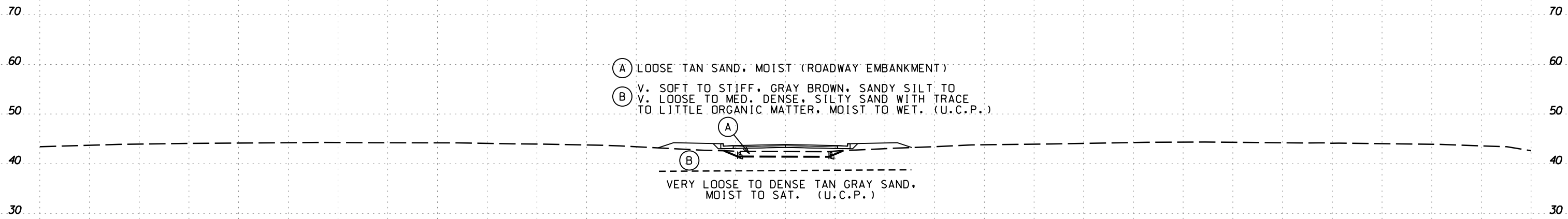
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 AT MICROSTATIONPC2



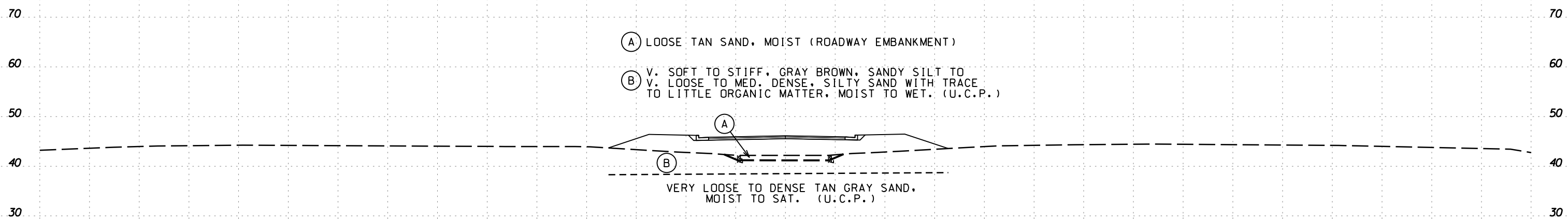
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 AT MICROSTATION

-Y8RPDB-

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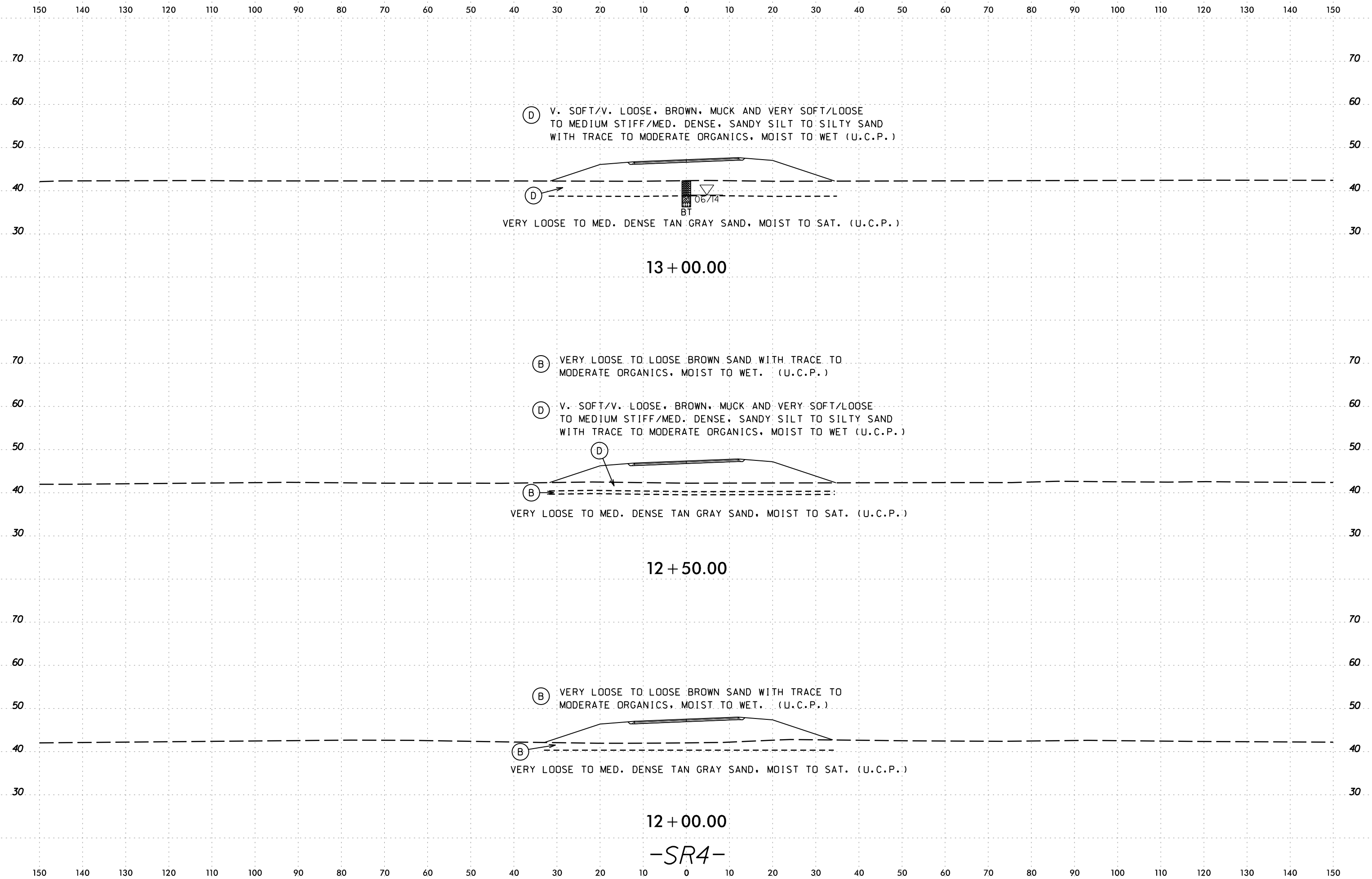
11 + 50.00



11 + 00.00

-Y12-

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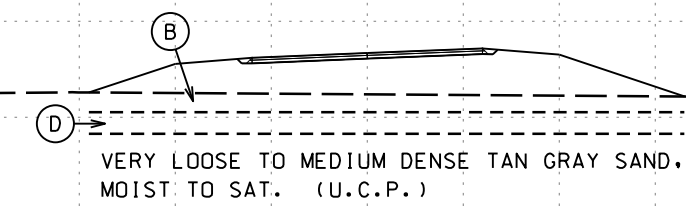


-SR4-

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.)

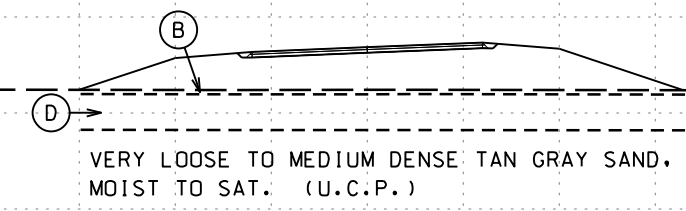
(D) V. SOFT/V. LOOSE, BROWN, MUCK AND VERY SOFT/LOOSE TO MEDIUM STIFF/MED. DENSE, SANDY SILT TO SILTY SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)



14 + 50.00

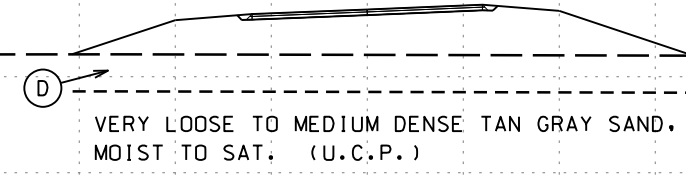
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)

(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

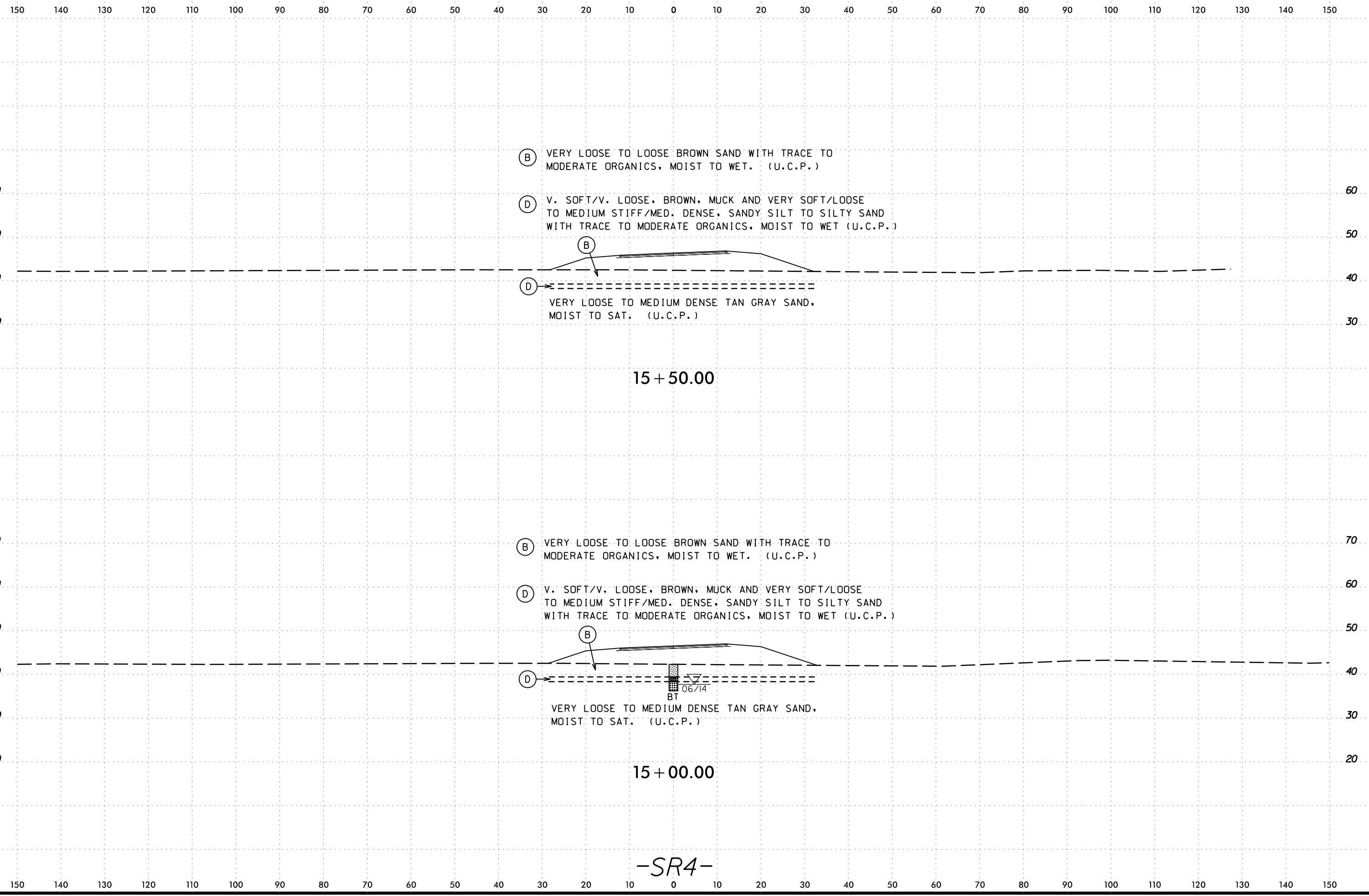
(D) V. SOFT/V. LOOSE, BROWN, MUCK AND VERY SOFT/LOOSE TO MEDIUM STIFF/MED. DENSE, SANDY SILT TO SILTY SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)



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



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

ⓓ 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.)

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

15 + 50.00

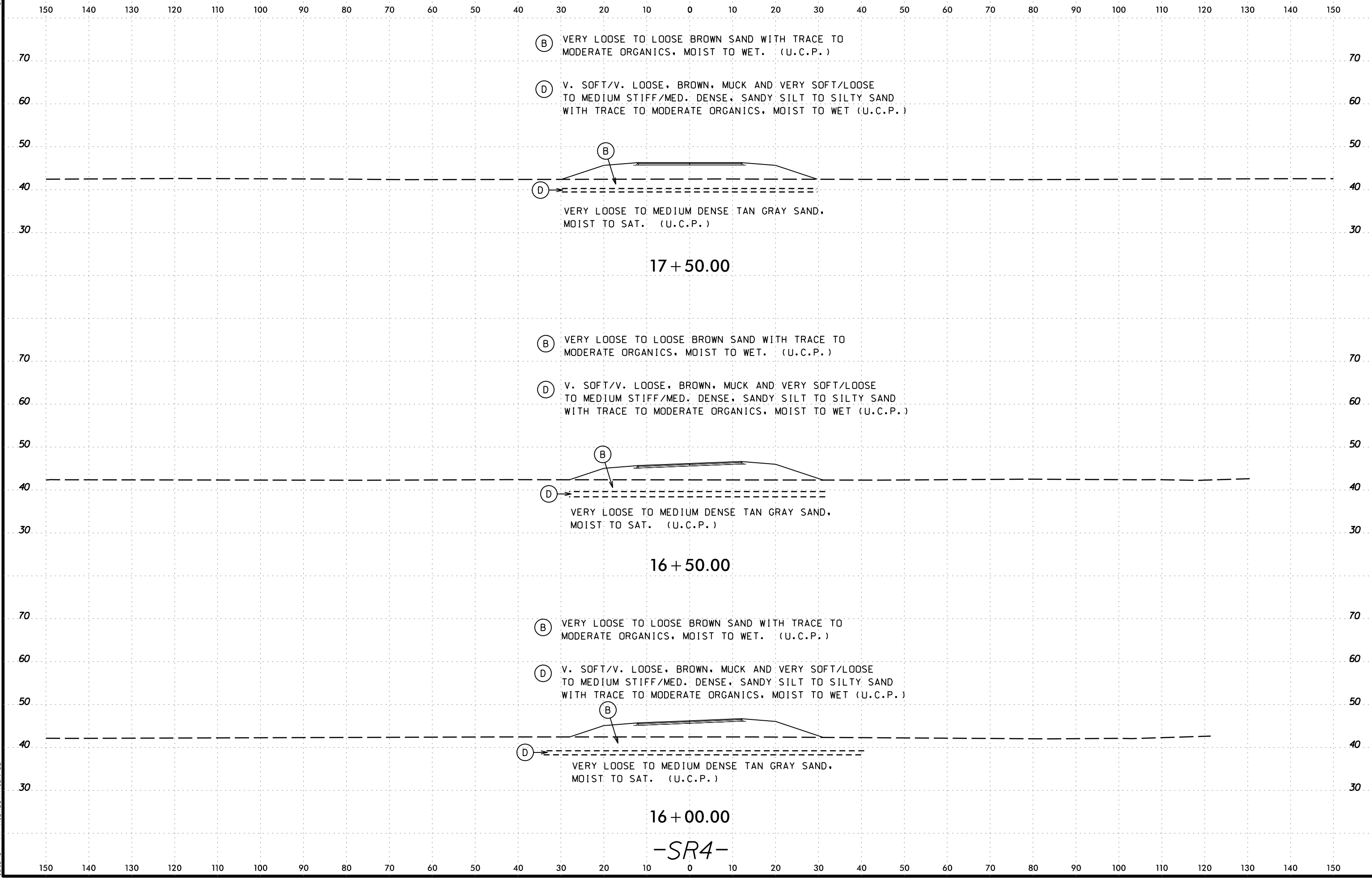
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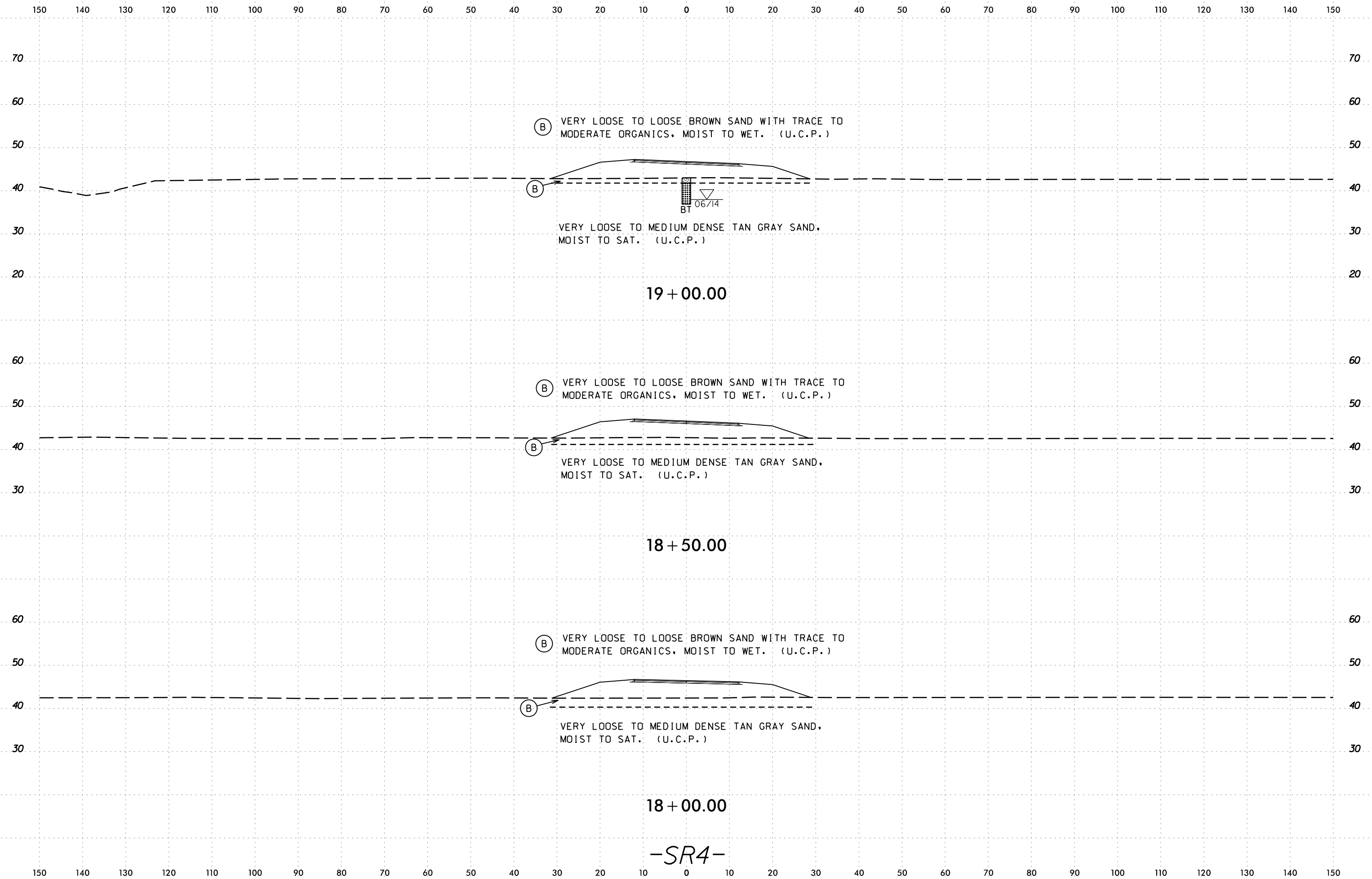
ⓓ V. SOFT/V. LOOSE, BROWN, MUCK AND VERY SOFT/LOOSE TO MEDIUM STIFF/MED. DENSE, SANDY SILT TO SILTY SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET (U.C.P.)

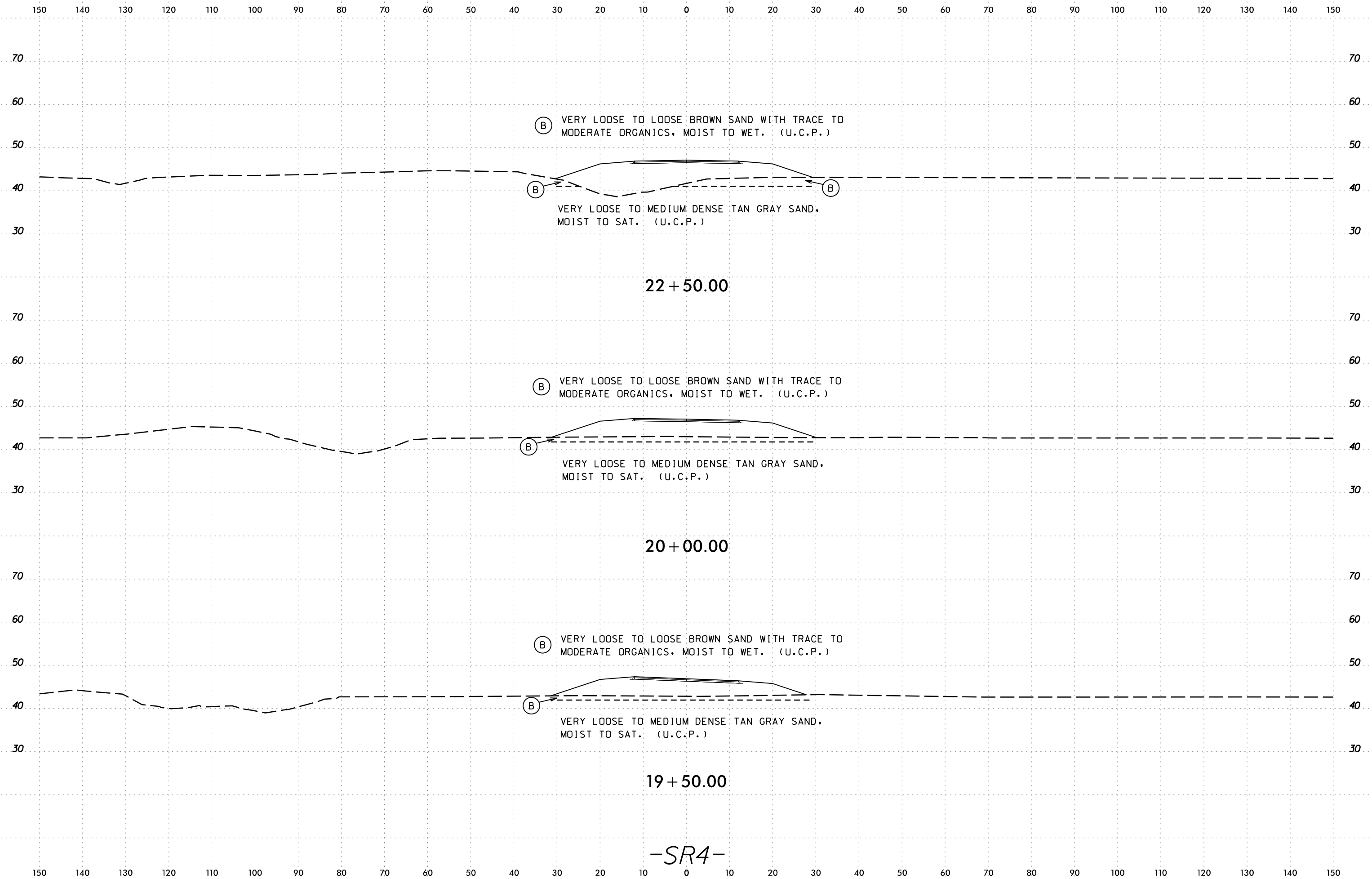
ⓓ VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

15 + 00.00

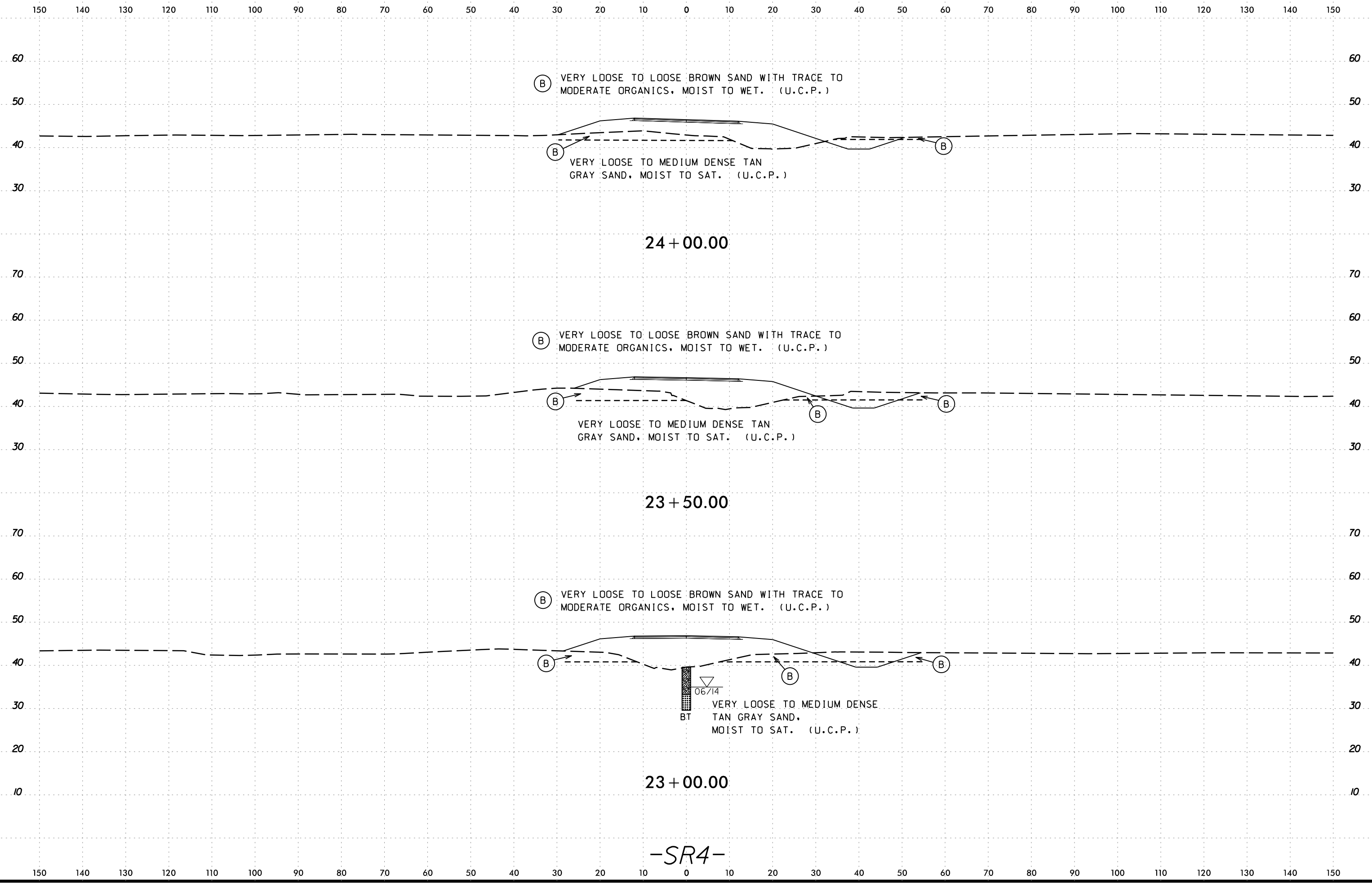
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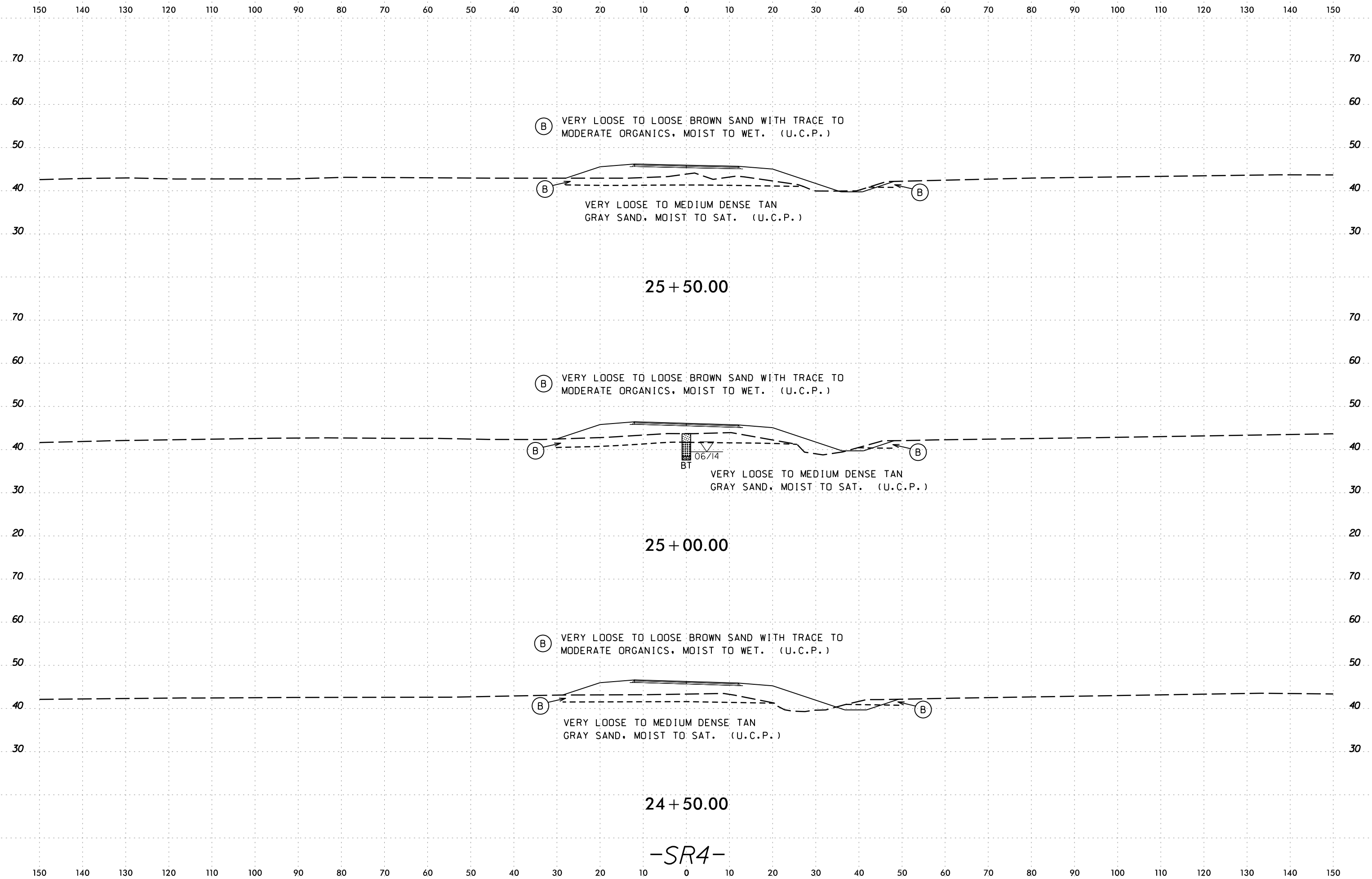




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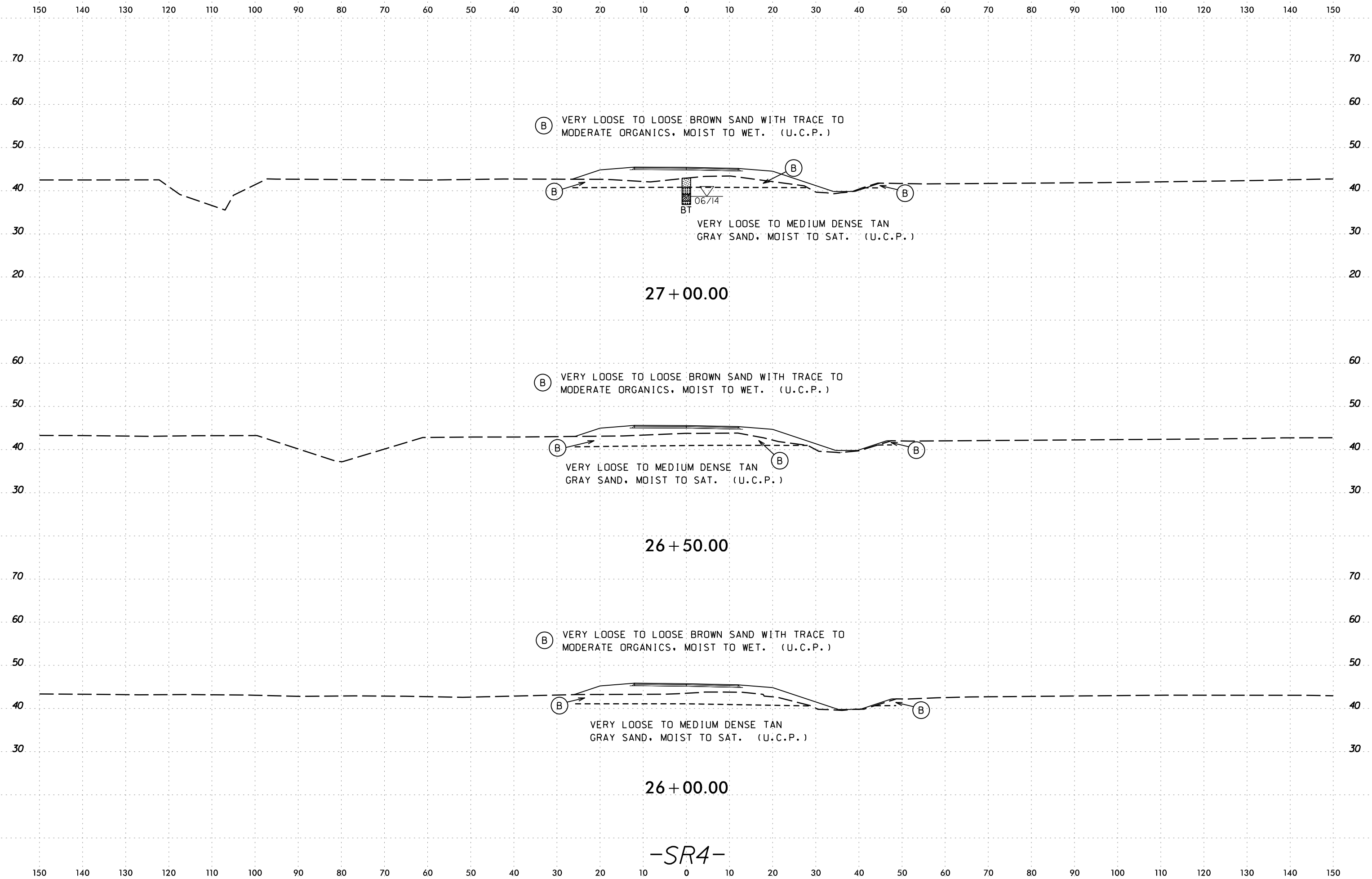


6/23/16

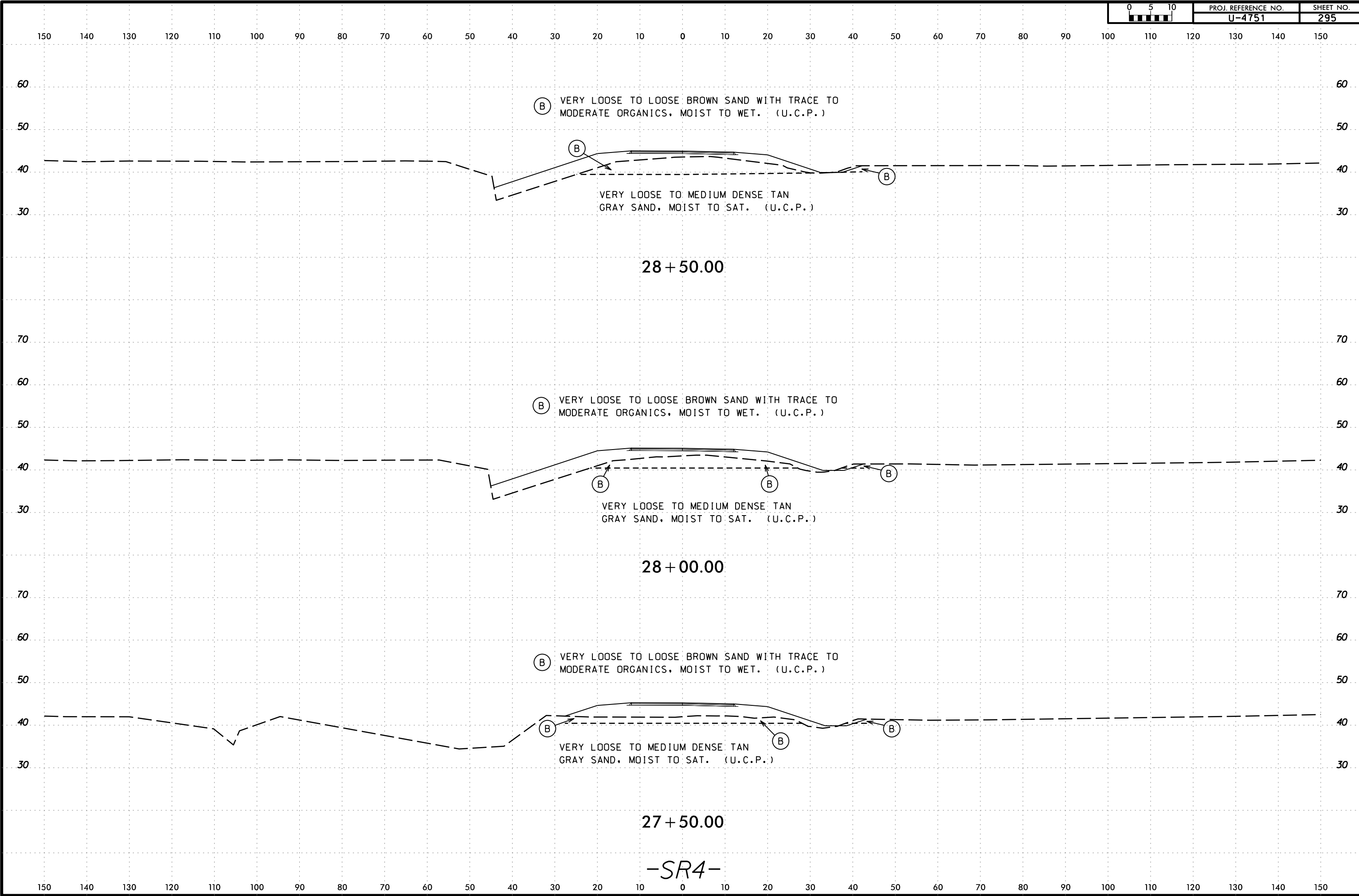


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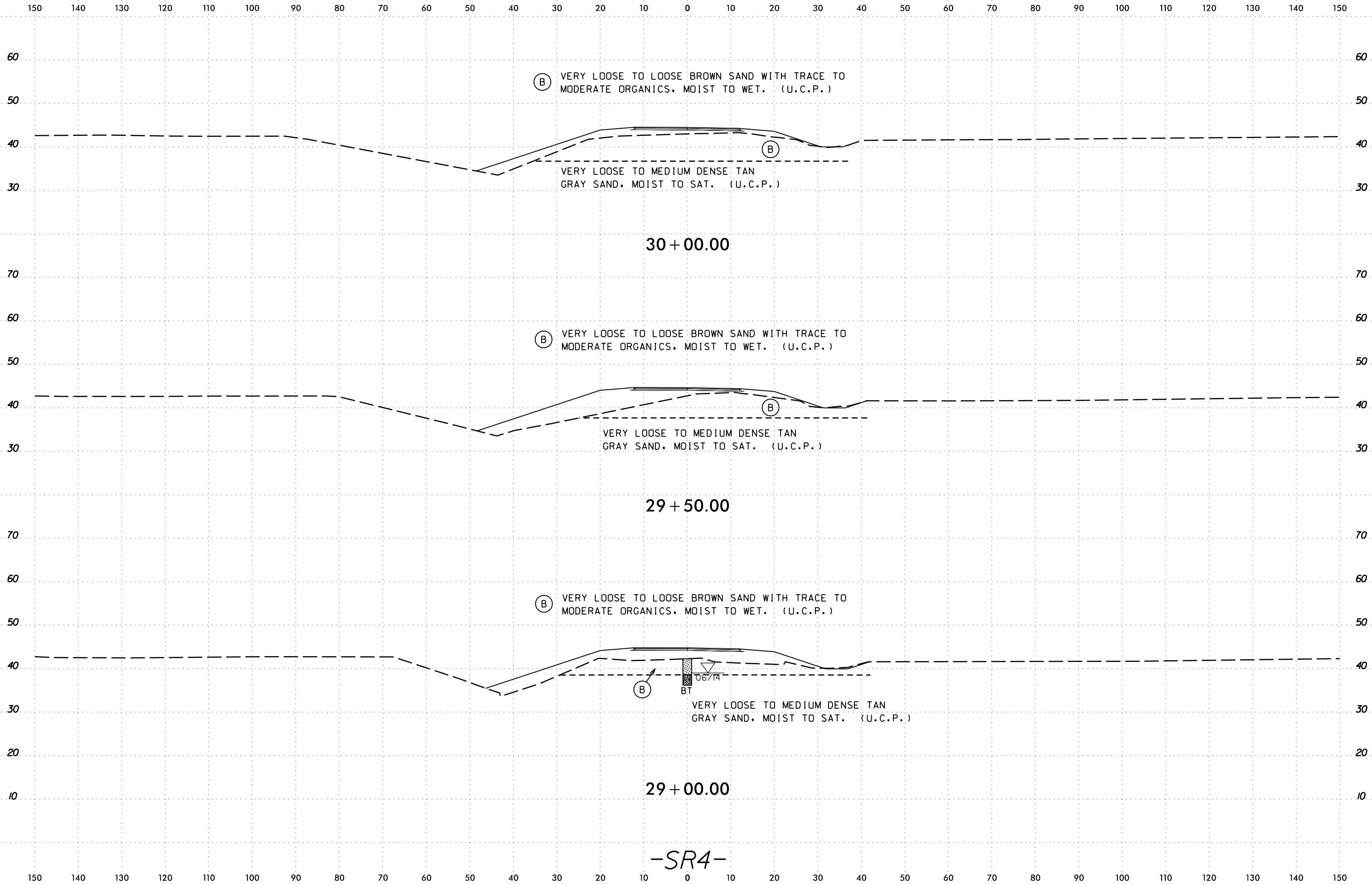
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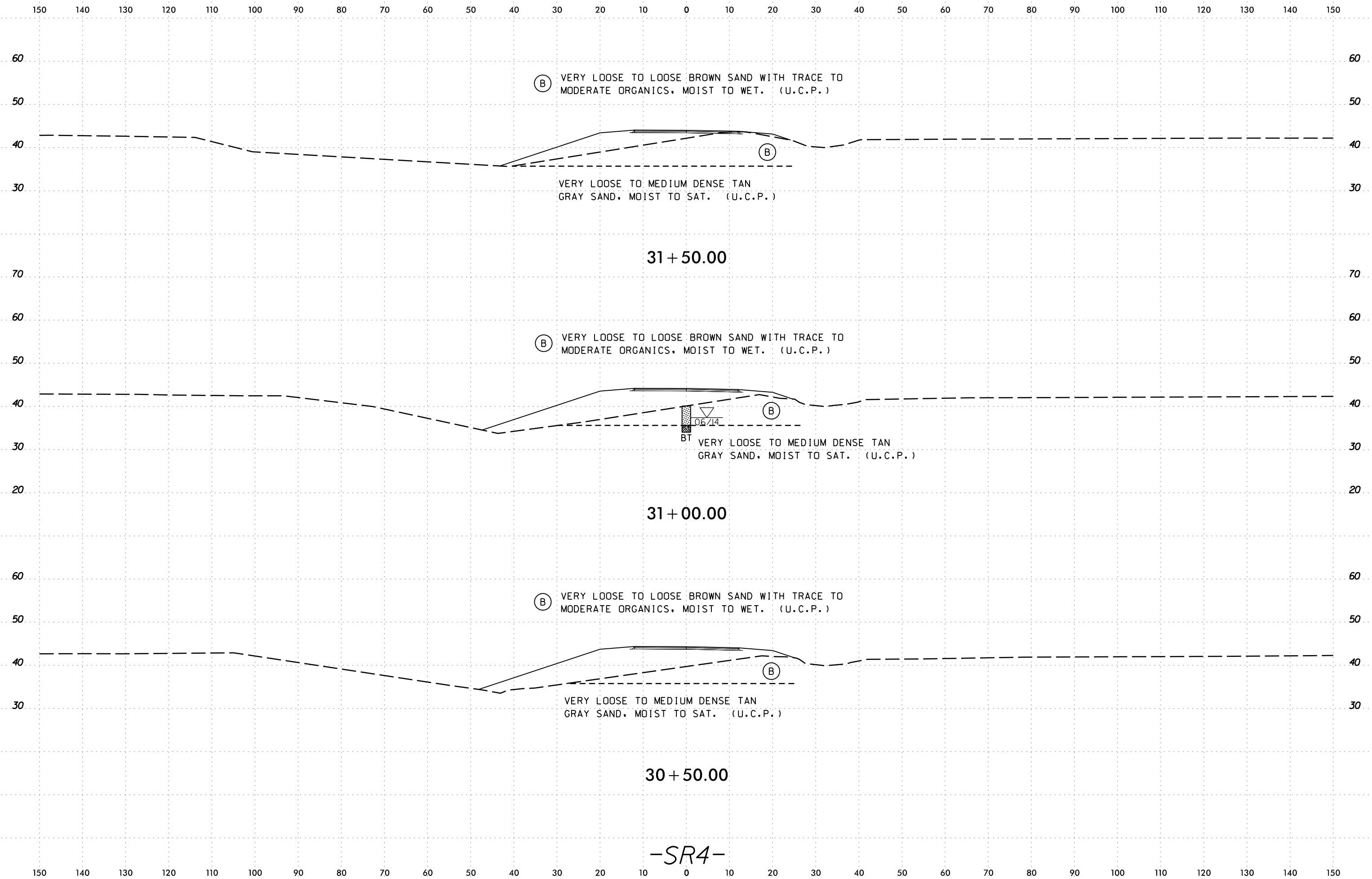
-SR4-



-SR4-



-SR4-



(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.)

31 + 50.00

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

BT
 06/14
 VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

31 + 00.00

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

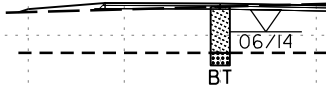
VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (U.C.P.)

30 + 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

(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

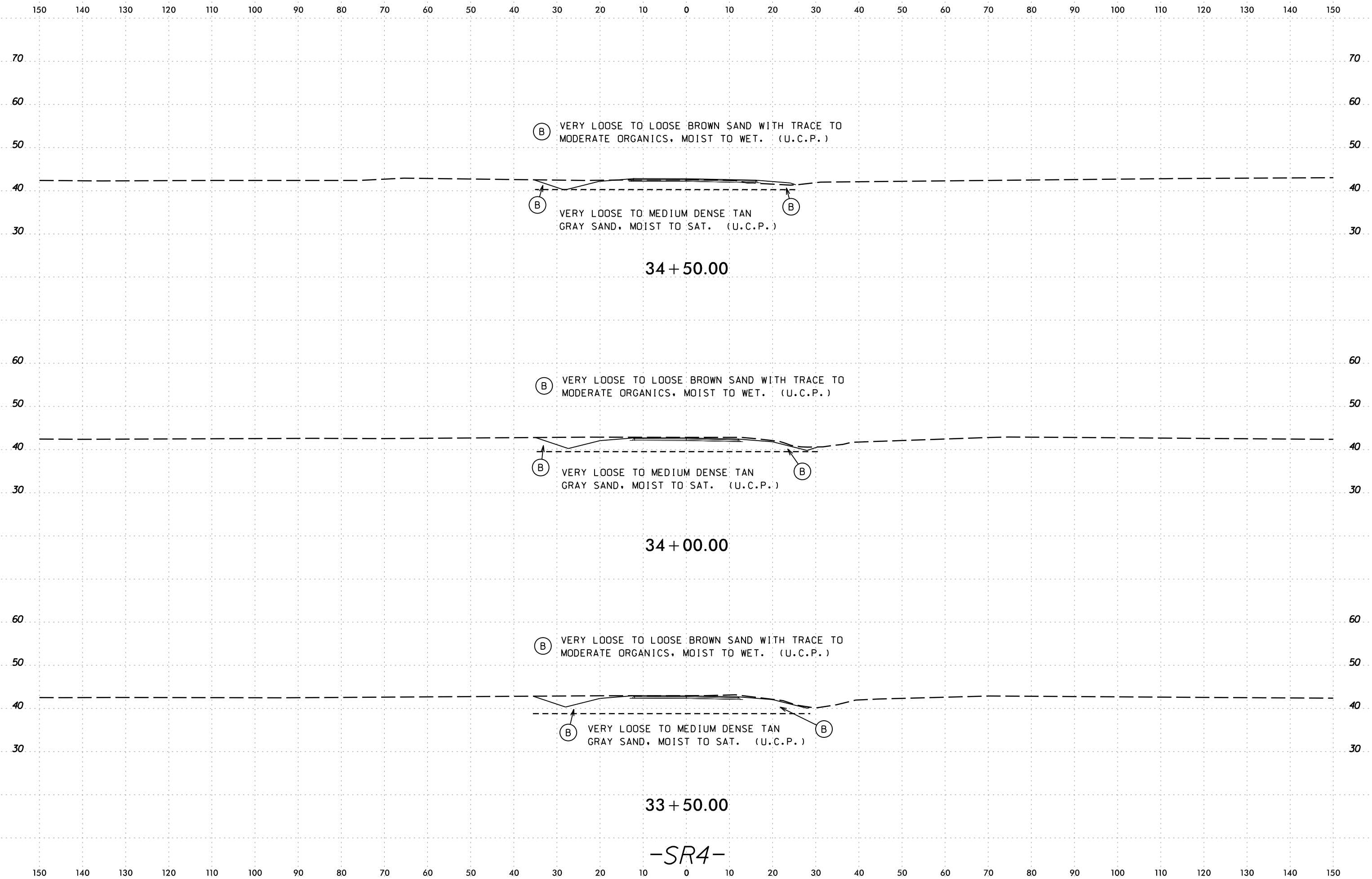
(B) VERY LOOSE TO LOOSE BROWN SAND WITH TRACE TO MODERATE ORGANICS, MOIST TO WET. (U.C.P.)

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



34 + 50.00

34 + 00.00

33 + 50.00

-SR4-