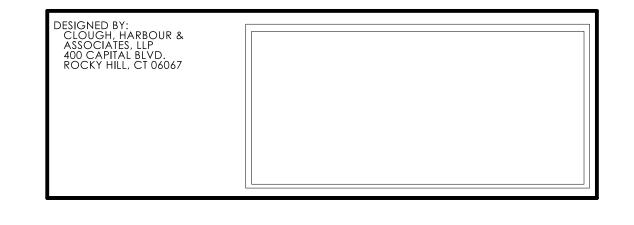
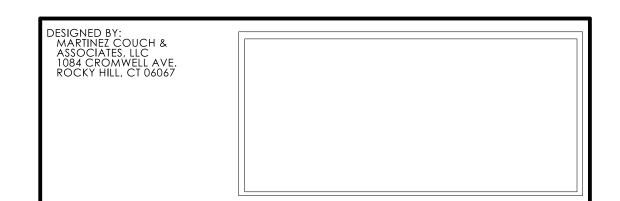
		SUBSET #03 - CIVIL	
		INDEX OF DRAWINGS	
DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
INX-01	INDEX OF DRAWINGS		
EXT-01	EXISTING CONDITIONS PLAN		
LOG-01	BORING LOGS		
LOG-02	BORING LOGS		
KEY-01	KEY PLAN		
CIV-01	SITE PLANS		
CIV-02	SITE PLANS		
CIV-03	SITE PLANS		
CIV-04	LAYOUT PLANS		
CIV-05	LAYOUT PLANS		
CIV-06	LAYOUT PLANS		
CIV-07	LAYOUT PLAN ENLARGEMENT		
CIV-08	LAYOUT PLAN ENLARGEMENT		
CIV-09	LAYOUT PLAN ENLARGEMENT		
CIV-10	SURPLUS MATERIALS BERM DETAIL		
DRN-01	GRADING & DRAINAGE PLANS		
DRN-02	GRADING & DRAINAGE PLANS		
DRN-03	GRADING & DRAINAGE PLANS		
DRN-04	STORMWATER POND PLAN		
DRN-05	STORMWATER POND SECTIONS		
UTL-01	UNDERDRAIN, LIGHTING & UTILITY PLANS		
UTL-02	UNDERDRAIN, LIGHTING & UTILITY PLANS		
UTL-03	UNDERDRAIN, LIGHTING & UTILITY PLANS		
UTL-04	PANEL & LIGHTING SCHEDULES		
TYP-01	TYPICAL SECTIONS		
TYP-02	TYPICAL SECTIONS		
PRO-01	WEST TRUCK PARKING LOT PROFILE		
PRO-02	WEST TRUCK PARKING LOT PROFILE		
PRO-03	CIRCULATORY ROAD PROFILE		
PRO-04	CIRCULATORY ROAD PROFILE		
MDS-01	MISCELLANEOUS DETAILS SHEET		
MDS-02	MISCELLANEOUS DETAILS SHEET		
MDS-03	MISCELLANEOUS DETAILS SHEET		
MDS-04	MISCELLANEOUS DETAILS SHEET		
MDS-05	MISCELLANEOUS DETAILS SHEET		
MDS-06	MISCELLANEOUS DETAILS SHEET		
MDS-07	MISCELLANEOUS DETAILS SHEET		
MDS-08	MISCELLANEOUS DETAILS SHEET		
MDS-09	MISCELLANEOUS DETAILS SHEET		
MDS-10	MISCELLANEOUS DETAILS SHEET		
STG-01	CONSTRUCTION STAGING PLANS		
STG-02	CONSTRUCTION STAGING PLANS		
STG-03	CONSTRUCTION STAGING PLANS		
STG-04	CONSTRUCTION STAGING PLANS		
STG-05	CONSTRUCTION STAGING PLANS		









SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

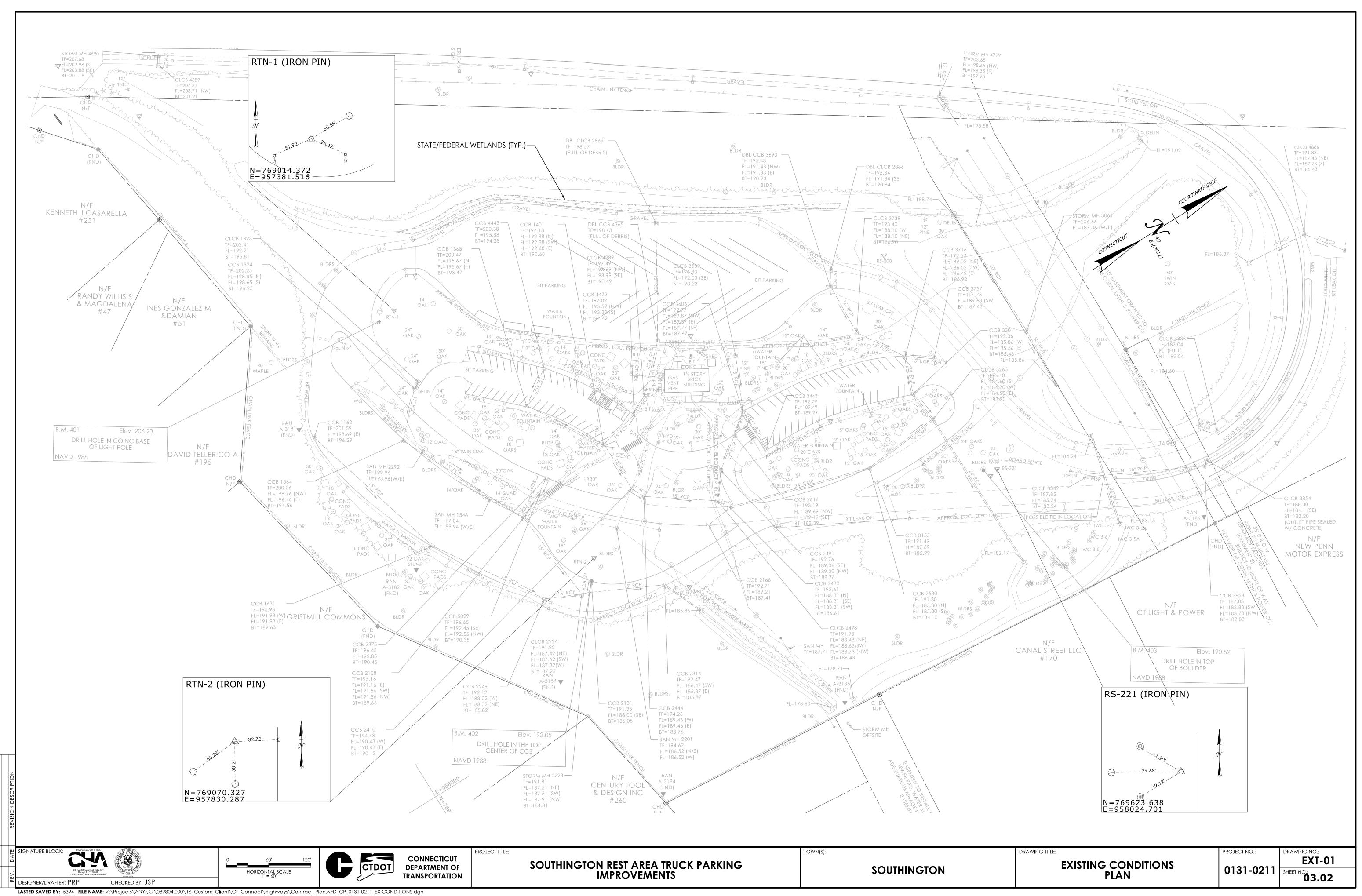
SOUTHINGTON

DRAWING TITLE: INDEX OF DRAWINGS

DRAWING NO.:

INX-01 PROJECT NO.:

0131-0211 SHEET NO.: 03.01



7.7.0	SIGNATURE BLOCK: On the State of the Company of th	NOT TO SCALE	CONNECTICUT DEPARTMENT OF TRANSPORTATION
	LASTED SAVED BY: 5394 FILE NAME: \\cha-llp.com\proj\Projects\ANY\K7\089804	.000\16_Custom_Client\CT_Connect\High	ways\Contract_Plans\FD_CP_0131-0211_BORINGLOGS.dgn

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

NOTES: Core through pavement. Wire in sample at 3'

M. St. John

Groundwater Observations: @7.2 after 1 hours

Blows on

Sampler

per 6 inches

19 22 27 19 24

S-2 29 52 27 20 24 13

S-3 | 12 9 9 11 | 24 |

Project No.: 0131-0211

Sampler Type/Size: Split Spoon 1-3/8"

PAVEMENT STRUCTURE

GLACIAL TILL

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

Grinding at 4'

Boring backfilled with grout and concrete surface patch

Connecticut DOT Boring Report Hole No.: R-05

NOTES: SSA through asphalt

Project No.: 0131-0211

Sampler Type/Size: Split Spoon 1-3/8"

PAVEMENT STRUCTURE MISC. FILL

Route No.: I-84

Bridge No.:

Fall: in. Hammer Wt.: 140 Fall: 30in.

Groundwater Observations: @3.1 after 0.5 hours, @None after 1.75 hours

Project Description: Southington Rest Area Truck Parking Improvements

Blows on

Sampler per 6 inches

S-1 11 14 23 24 24 19

S-2 10 10 17 21 24 12

S-3 | 13 13 16 17 | 24 | 12 |

S-4 24 60 50/2" 14 12

Route No.: I-84

Fall: in. Hammer Wt.: 140 Fall: 30in.

Project Description: Southington Rest Area Truck Parking Improvements

Inspector: M. Horan

Start Date: 4-30-25

Finish Date: 4-30-25

Casing Size/Type: SSA 4"

Earth: 9.2ft Rock: Oft No. of No. of

Driller: M. St. John

Inspector: M. Horan

Start Date: 5-2-25

Finish Date: 5-2-25

Earth: 8.2ft Rock: Oft No. of No. of

Engineer: C. Symmes

Casing Size/Type: SSA 4"

Soil Samples: 5 Core Runs: 0

Engineer: C. Symmes

Hole No.: R-01

Stat./Offset: 23+06/9.7' LT

Northing: 769236.93

Easting: 957473.59

Surface Elevation: 201.8

Core Barrel Type: N/A

Material Description

Gray C-F GRAVEL, some c-f Sand, trace Silt

Tan C-F SAND, and c-f Gravel, little Silt

Brown C-F SAND, some Silt, little c-f Gravel

Sheet 1 of 1

Stat./Offset: 57+45/18.2' LT Northing: 769352.97

Easting: 957913

Core Barrel Type: N/A

Material Description

Red-brown C-F GRAVEL, some c-f Sand, little

Red-brown C-F GRAVEL, some c-f Sand, little Silt,

Red-brown C-F SAND, some Silt, trace m Gravel

Sheet 1 of 1

SM-001-M REV. 1/02

Becomes red-brown/black GLACIAL TILL Red-brown clayey SILT, some c-f Sand, trace m

Grades to some c-m Gravel

END OF BORING 8.2ft

Red-brown clayey SILT, trace Mica

Gravel, trace Mica

Surface Elevation: 192.4

Grades to and clayey Silt

END OF BORING 9.2ft

Red-brown M-F GRAVEL, some c-f Sand, little Silt

	TDOT	CONNECTICUT DEPARTMENT OF TRANSPORTATION
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SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS
--

SOUTHINGTON

LOG-01 03.03

Earth: 10.0ft Rock: 0ft

No. of No. of
Soil Samples: 5 Core Runs: 0

Driller: M. St. John

Inspector: M. Horan

Start Date: 5-1-25

Finish Date: 5-1-25

Engineer: C. Symmes

Sheet 1 of 1

SM-001-M REV. 1/02

Earth: 9.0ft Rock: 0ft No. of No. of

No. of No. of Soil Samples: 5 Core Runs: 0

M. St. John

Groundwater Observations: @6.8 after 1 hours

Blows on

Sampler

per 6 inches

36 40 30 23

S-3 9 10 17 30

S-4 41 50/2.4"

Total Penetration in

Earth: 7.7ft Rock: Oft No. of No. of

Soil Samples: 5 Core Runs: 0

M. St. John

Inspector: M. Horan

Engineer: C. Symmes

Start Date: 5-1-25

Finish Date: 5-1-25

Grab-1

Project No.: 0131-0211

Sampler Type/Size: Split Spoon 1-3/8

Route No.: I-84

Fall: in. Hammer Wt.: 140 Fall: 30in.

Project Description: Southington Rest Area Truck Parking Improvements

Inspector: M. Horan

Start Date: 4-30-25

Finish Date: 4-30-25

Casing Size/Type: SSA 4"

Engineer: C. Symmes

Hole No.: R-02

Stat./Offset: 20+03/53.2' RT

Northing: 769522.49

Easting: 957592.64

Surface Elevation: 196.5

Core Barrel Type: N/A

Material Description

Red-brown C-F SAND, and m-f Gravel, little Silt

Red-brown C-F SAND, and Silt, some c-f Gravel

Red-brown C-F SAND, some clayey Silt, some m-f

1 of 1

Stat./Offset: 54+29/125.9' RT

Northing: 768992.87

Easting: 957832.52

Core Barrel Type: N/A

Material Description

Red-brown C-F SAND, and c-f Gravel, some

Red-brown C-F SAND, and c-f Gravel, some

Grades to little clayey Silt, trace Mica

Grades to some m-f Gravel

END OF BORING 9ft

GLACIAL TILL Red-brown C-F GRAVEL, and c-f Sand, little Silt

STRUCTURE Gray C-F GRAVEL, some c-f Sand, trace Silt

GLACIAL TILL
Gray clayey SILT, and c-f Sand
Red-brown C-F GRAVEL, and c-f Sand, some

clayey Silt, trace Mica

END OF BORING 7.7ft

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

Town: Southington

Project No.: 0131-0211

Route No.: I-84

Bridge No.:

Fall: in. Hammer Wt.: 140 Fall: 30in.

12 8

Project Description: Southington Rest Area Truck Parking Improvements

Casing Size/Type: SSA 4" Sampler Type/Size: Split Spoon 1-3/8"

Groundwater Observations: @6.5 after 1 hours

Blows on

S-1 10 15 19 45 24 14

S-2 19 19 17 16 24 10

S-3 7 9 9 9 24 19

9 8 12 12 24 19

Sampler per 6 inches NOTES: SSA through asphalt Sample S-2 second attempt from 3' to 5' with 3" SS (R=1.8'/2'). Boring backfilled with grout and concrete surface patch

Connecticut DOT Boring Report Hole No.: R-06

PAVEMENT STRUCTURE ASPHALT

PROJECT TITLE:

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

NOTES: Core through pavement

Sheet 1 of 1

SM-001-M REV. 1/02

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

Groundwater observation well OW-7 installed within borehole

NOTES: SSA grinding from 7' to 8'

Sheet 1 of 1

SM-001-M REV. 1/02

town(s):

DRAWING TITLE:

	PROJECT NO.:	DRAWIN
		L
BORING LOGS	0131-0211	SHEET N

NOTES: Driller switched to FJC at 5.35' C-R-1 core rate (min/ft): 2.5, 3.5, 5, 5, 4.
Groundwater observation well OW-8 installed within borehole Earth: 8ft Rock: 5ft Soil Samples: 4 Core Runs: 1

	5— \$	S-3	9	22	13	16	24	13			Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica	-
	-	S-4	20 5	0/2.4			8	6		BEDROCK	Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica	- -180 -
,	10— C	-R-1					60	60	8		Red-brown SANDSTONE, medium strong, slightly weathered, massive bedding, intensely fractured	- - -175
,	15—										END OF BORING 13ft	- - -
:	20		Samı	ole T	vpe:	S=5	Split S	poon	C=0	Core UP=U	ndisturbed Piston V = Vane Shear Test	-170 - -
:	20		Samp	ple T	ype:	S = 5	Split S	poon	C = (Core UP=U	ndisturbed Piston V = Vane Shear Test	

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

Depth (Sample Type/N	Sampler per 6 inches	Pen. (in	Rec. (in	RQD%	Genera Strata Descrip	and Notes	Well	Elevatic
0-	S-1	1 2 2 4	24	18		(TOPSOIL / GLACIAL TILL	TOPSOIL Dark brown sitty CLAY, little c-f Sand, trace f Gravel, trace Roots Tan/orange motion Certification.		-
-	S-2	4 6 13 14	24	17		COMPLETELY WEATHERED ROCK	Clay, some m-c Gravel Becomes red-brown Red-brown clayey SILT, some c-f Gravel, little c-f Sand, trace Mica Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica		18
5—	S-3	9 22 13 16	24	13			Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica		-
-	S-4	20 50/2.4"	8	6			Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica		- -180
-						BEDROCK			-
10— - -	C-R-1		60	60	8		Red-brown SANDSTONE, medium strong, slightly weathered, massive bedding, intensely fractured		- - - -17!
- 15-							END OF BORING 13ft		<u>-</u> -
-									_ _17(
_									

	51 TT L OC	, OID	1 0	10111	1			1-1010	ruii. ooiiri.			
Ground	lwater Ob	servat		_		er 1.5	hours	, @1.6	after 5.25 h	ours, @2.9 after 477 hours		
Depth (ft)	Sample Type/No.	ı	Blov Sar	ws on npler inche		Pen. (in.)	Rec. (in.)	RQD%	Generalized Strata Description	Material Description and Notes	Well Construction	Elevation (ft)
0-	S-1	1	2	2	4	24	18		(TOPSOIL / GLACIAL TILL	TOPSOIL Dark brown silty CLAY, little c-f Sand, trace f Gravel, trace Roots Tan/orange mottled C-F SAND, and silty		-
-	S-2	4	6	13	14	24	17		COMPLETELY WEATHERED ROCK	Clay, some m-c Gravel Becomes red-brown Red-brown clayey SILT, some c-f Gravel, little c-f Sand, trace Mica Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica		18 - -
5—	S-3	9	22	13	16	24	13			Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica		-
-	S-4	20	50/2.4	1"		8	6			Red-brown C-F GRAVEL, little c-f Sand, little clayey Silt, trace Mica		- -18
10-									BEDROCK			- -
- -	C-R-1					60	60	8		Red-brown SANDSTONE, medium strong, slightly weathered, massive bedding, intensely fractured		- - -17
-										END OF BORING 13ft		<u>-</u> -
15-												<u>-</u>
_												-17

									ng improveme		T	
	Size/Typ				_				Split Spoon 1-	3/8"	Core Barrel Type: NX 2"	
	er Wt.: 30			18in.		Hamme						
Ground	water Ob	servat				er 1.5	hours	, @1.6	after 5.25 h	ours, @2.9 after	477 hours	
			,	SAM	PLES				- -			<u> </u>
Depth (ft)	Sample Type/No.			ws on npler inche		Pen. (in.)	Rec. (in.)	RQD%	Generalized Strata Description		ial Description and Notes	Well
0-	S-1	1	2	2	4	24	18		(TOPSOIL / GLACIAL TILL	Gravel, trace Roo	CLAY, little c-f Sand, trace f ots ed C-F SAND, and silty	
-	S-2	4	6	13	14	24	17		COMPLETELY WEATHERED ROCK	little c-f Sand, trad	wn y SILT, some c-f Gravel, ce Mica GRAVEL, little c-f Sand,	
5—	S-3	9	22	13	16	24	13			, , ,	GRAVEL, little c-f Sand,	
-	S-4	20	50/2.4	1"		8	6			Red-brown C-F (little clayey Silt, tra	GRAVEL, little c-f Sand, ace Mica	
									BEDROCK			
10-	C-R-1					60	60	8			OSTONE, medium strong, d, massive bedding, d	

						_			
Inspector:	M. Horan	Town:	Southir	ngton				Stat./Offset:	57+72/
Engineer:	C. Symmes	Project No.:	0131-0	211				Northing:	769296
Start Date:	5-2-25	Route No.:	I-84					Easting:	958072
Finish Date	e: 5-2-25	Bridge No.:						Surface Eleva	ation: 187
Project De	scription: Southington Re	st Area Truck	k Parkinç	g Impro	veme	nts			
Casing Siz	e/Type: SSA 4"/FJC 4"	Sampler Type	/Size: S	plit Spo	on 1-3	3/8"		Core Barrel T	ype: NX
Hammer V	vt.: 300lb Fall: 18in.	Hammer Wt.:	140lb	Fall:	30in.				
Groundwa	ter Observations: @2.5 a	after 1.5 hours	s, @1.6	after 5	5.25 h	ours, @	2.9 after	477 hours	
	SAMPLE	S							
				ਰ	_				

Driller:	D. DeAngelis	Conn	ecticut DOT Boring Report	Hole No.:	R-08			
Inspector:	M. Horan	Town:	Southington	Stat./Offset:	57+72/14			
Engineer:	C. Symmes	Project No.:	0131-0211	Northing:	769296.6			
Start Date:	5-2-25	Route No.:	I-84	Easting:	958072.4			
Finish Date:	5-2-25	Bridge No.:		Surface Eleva	ation: 187.1			
Project Descr	Project Description: Southington Rest Area Truck Parking Improvements							
Casing Size/T	ype: SSA 4"/FJC 4"	Sampler Type	e/Size: Split Spoon 1-3/8"	Core Barrel T	ype: NX 2"			

Driller:	D. DeAngelis	Connecticut DOT Boring Report	Hole No.:
Inspector:	M. Horan	Town: Southington	Stat./Offset
Fi	C Common	Designation - 0424 0244	Mandaine

-							
20							
20			•			ndisturbed Piston V = V %, Some = 20 - 35%,	
Total Penetration	ı in				rough pavemen	t	-
Earth: 9.0ft	Rock: Oft	Bori	ng bac	kfilled	with grout		
No. of Soil Samples: 5	No. of Core Runs: 0						

Connecticut DOT Boring Report

TOPSOIL

S-1 2 3 5 6 24 18 GLACIAL TILL Roots
Red-brown C-F SAND, some Silt, little m-f

Town: Southington
Project No.: 0131-0211

Groundwater Observations: @None after 0.75 hours, @4.8 after 17.5 hours, @5.1 after 511 hours

Route No.: I-84

Fall: in. Hammer Wt.: 140 Fall: 30in.

Project Description: Southington Rest Area Truck Parking Improvements

Casing Size/Type: SSA 4" Sampler Type/Size: Split Spoon 1-3/8"

S-2 5 15 11 8 24 18

S-4 18 21 50/4.8" 17 17

S-5 19 55 25 48 24 19

5— S-3 4 6 7 12 24 18

1	11	16	16	22	24	18		GLACIAL TILL	Silt Tan C-F SAND, some clayey Silt, little m-f Gravel	-	
2	21	20	17	20	24	16			Brown/tan C-F SAND, some clayey Silt, some c-f Gravel, trace Mica	-	
3	9	8	9	8	24	18			Brown/tan C-F SAND, some clayey Silt, some c-f Gravel, trace Mica	- 195	
4	14	15	17	20	24	16			Brown/tan C-F SAND, some clayey Silt, some c-f Gravel, trace Mica	- -	
									END OF BORING 9ft	-	
										-190	
										-	
										-	
										-	
										-185	
	1				ı		l			⊢	1

ie	er. C	. Əyiii	IIIes			rojecti	NO	0131	-0211		Northing. 100000.41			
D	ate: 5										Easting: 957526.47			
h I	Date: 5	-1-25			E	Bridge N	lo.:				Surface Elev	ration: 201.2		
ct	Descripti	on: S	outhi	ngtor	n Rest	Area	Truck	Parki	ng Improveme	nts				
10	Size/Typ	e: SS/	\ 4"		5	Sampler	Type/	Size:	Split Spoon 1-3	3/8"	Core Barrel	Type: N/A		
	er Wt.:		Fall:	in.	-	lamme			Fall: 30in.			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	dwater Ob	servati												
_					PLES				_				Elevation (ft)	
	Sample Type/No.	F		vs on npler inche		Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Ma	aterial Description and Notes			
_	Grab-1					1			PAVEMENT STRUCTURE MISC. FILL	ASPHALT Tan/gray C-F GR Red-brown C-F S	ASPHALT Tan/gray C-F GRAVEL, some c-f Sand, trace Silt Red-brown C-F SAND, and m-f Gravel, little clayey			
-	S-1	11	16	16	22	24	18		GLACIAL TILL	Silt	-	ilt, little m-f Gravel	_	
_	S-2	21	20	17	20	24	16			Brown/tan C-F S/ Gravel, trace Mica		ayey Silt, some c-f	_	
_	S-3	9	8	9	8	24	18			Brown/tan C-F S/ Gravel, trace Mica		ayey Silt, some c-f	- 195	
_	S-4	14	15	17	20	24	16			Brown/tan C-F S/ Gravel, trace Mica		ayey Silt, some c-f	-	
_										END OF BORING	3 9ft		_	
-													 190	
-													-	
-													-	
-													-	
_													-	
-													-185	
-													-	
_													L	

Start Da	Start Date: 5-1-25					Route N	lo.:	I-84		Easting:	9578	
Finish D	Date: 5-	1-25			Е	Bridge N	lo.:				Surface Eleva	ation: 2
Project	Description	on: S	outhi	ngtor	n Rest	Area	Truck	Parki	ng Improveme	nts		
Casing	Size/Type	e: SS/	٩ 4"		S	Sampler	Type/	Size: \$	Split Spoon 1-	3/8"	Core Barrel T	ype: N
Hamme	er Wt.:		Fall:	in.	H	łamme	r Wt.:	140	Fall: 30in.			
Ground	water Ob	servati	ions:	@ 5	after	1 hou	rs					
				SAM	PLES				₽ _			
Depth (ft)	Sample Type/No.	p		vs on npler inche		Pen. (in.)	Rec. (in.)	RQD%	Generalized Strata Description	Ma	aterial Descrip and Notes	
0-	Grab-1					1			PAVEMENT STRUCTURE MISC. FILL	ASPHALT Tan/gray C-F GR Red-brown C-F S		
- -	S-1	11	16	16	22	24	18		GLACIAL TILL	Silt Tan C-F SAND, s	some clayey Si	lt, little
- 5-	S-2	21	20	17	20	24	16			Brown/tan C-F S Gravel, trace Mica		ıyey Si
_	S-3	9	8	9	8	24	18			Brown/tan C-F S/ Gravel, trace Mic	AND, some cla a	ıyey Si
_	S-4	14	15	17	20	24	16			Brown/tan C-F S/ Gravel, trace Mica	AND, some cla a	ıyey Si
10-										END OF BORING	G 9ft	
_												
15-												

Finish [inish Date: 5-1-25					Bridge N	lo.:				Surface Elevation: 201.2	
Project	Description	on: S	outhi	ngtor	Res	t Area	Truck	Parki	ng Improveme	nts		
Casing	Size/Type	e: SS/	٩4"		5	Sampler	Type/	Size: \$	Split Spoon 1-3	3/8"	Core Barrel Type: N/A	
Hamme	er Wt.:		Fall:	in.	ŀ	Hamme	rWt.:	140	Fall: 30in.			
Ground	lwater Ob	servati					rs					
			;	SAM	PLES				- o			£
Depth (ft)	Sample Type/No.	F		vs on npler inche		Pen. (in.) Rec. (in.) RQD % Generalized Strata Description				aterial Description and Notes	Elevation (ft)	
0-	Grab-1					1			PAVEMENT STRUCTURE MISC. FILL	Red-brown C-F S	AVEL, some c-f Sand, trace Silt SAND, and m-f Gravel, little clayey	- -200
-	S-1	11	16	16	22	24	18		GLACIAL TILL	Silt Tan C-F SAND, s	some clayey Silt, little m-f Gravel	-
- 5—	S-2	21	20	17	20	24	16			Brown/tan C-F S/ Gravel, trace Mica	AND, some clayey Silt, some c-f a	_
_	S-3	9	8	9	8	24	18			Brown/tan C-F S/ Gravel, trace Mica	AND, some clayey Silt, some c-f a	- 195
-	S-4	14	15	17	20	24	16			Brown/tan C-F S/ Gravel, trace Mica	AND, some clayey Silt, some c-f a	_
10-										END OF BORING	3 9ft	-
-										-190		
-												-
								1	1	ı		1

specto	or: N	Л. Horan	Town:	South	ington			Stat./Offset:	51+54/85.2' RT
ginee	er. C	C. Symmes	Project No.:	0131-	0211			Northing:	768880.47
art Da	ate: 5	j-1-25	Route No.:	I-84				Easting:	957526.47
nish D	ate: 5	i-1-25	Bridge No.:					Surface Eleva	ation: 201.2
oject	Descript	ion: Southington Re	st Area Trucl	k Parkii	ng Impro	veme	nts		
sing	Size/Typ	e: SSA 4"	Sampler Type	e/Size: \$	Split Spo	on 1-3	3/8"	Core Barrel T	ype: N/A
amme	r Wt.:	Fall: in.	Hammer Wt.:	140	Fall:	30in.			
ound	water O	bservations: @5 after	er 1 hours						
		SAMPLE	S		-				
_ [) <u>8</u>	8			

opeen	O1. 11	i. I lolull	TOWIT.	Count	iiigtoii		Otata Onlock	01.0-#00.2 TCI	
ngine	er: C	. Symmes	Project No.:	0131-	0211		Northing:	768880.47	
art Da	ate: 5-	-1-25	Route No.:	I-84			Easting:	957526.47	
nish D)ate: 5-	-1-25	Bridge No.:		Surface Eleva	ation: 201.2			
oject	ect Description: Southington Rest Area Truck Parking Improvements								
asing	Size/Type	e: SSA 4"	Sampler Type.	/Size: S	Split Spoon 1-	3/8"	Core Barrel T	ype: N/A	
amme	er Wt.:	Fall: in.	Hammer Wt.:	140	Fall: 30in.				
round	water Ob	servations: @5 after	er 1 hours						
	•	SAMPLE	S	·	-				
- 1					8 -				

specto	or:	M. Horan	Town: S	Southi	ngton		Stat./Offset:	51+54/85.2' RT	
nginee	er.	C. Symmes	Project No.: 0)131-(0211		Northing:	768880.47	
tart Date: 5-1-25			Route No.: I-	-84		Easting:	957526.47		
nish Date: 5-1-25 Bri			Bridge No.:	Bridge No.: Surface					
roject Description: Southington Rest Area Truck Parking Improvements									
asing	Size/Ty	pe: SSA 4"	Sampler Type/S	Size: S	plit Spoon 1-3	3/8"	Core Barrel Ty	ype: N/A	
amme	mer Wt.: Fall: in. Hammer Wt.: 140				Fall: 30in.				
round	water C	Observations: @5 after	er 1 hours						
		SAMPLE	S		_				

riller:	M. St. John	Conne	ecticut	DOT Borii	ng Report	Hole No.:	R-03				
spector:	M. Horan	Town:	Southir	ngton		Stat./Offset:	51+54/85.2' RT				
ngineer:	C. Symmes	Project No.:	0131-0	211		Northing:	768880.47				
tart Date:	5-1-25	Route No.:	I-84			Easting:	957526.47				
inish Date:	5-1-25	Bridge No.:				Surface Eleva	tion: 201.2				
roject Descr	iption: Southington Re	st Area Truck	k Parkinç	g Improveme	nts						
asing Size/T	asing Size/Type: SSA 4" Sampler Type/Size: Split Spoon 1-3/8" Core Barrel Type: N/A										
mmer Wt.: Fall: in. Hammer Wt.: 140 Fall: 30in.											
roundwater	oundwater Observations: @5 after 1 hours										

r:	M. St. John	Connec	cticut DOT Boring Report	Hole No.:	R-03
ector:	M. Horan	Town:	Southington	Stat./Offset:	51+54/85.2' RT
neer:	C. Symmes	Project No.: (0131-0211	Northing:	768880.47
Date:	5-1-25	Route No.: I	-84	Easting:	957526.47
h Date:	5-1-25	Bridge No.:		Surface Eleva	tion: 201.2
ect Descr	iption: Southington Re	st Area Truck I	Parking Improvements		
ng Size/T	ype: SSA 4"	Sampler Type/S	Size: Split Spoon 1-3/8"	Core Barrel Ty	ype: N/A
mer Wt.:	Fall: in.	Hammer Wt.: 1	140 Fall: 30in.		

Driller:	M. St. John	Conn	ecticut DOT Boring Report	Hole No.:	R-03	
Inspector:	M. Horan	Town:	Southington	Stat./Offset:	51+54/85.2' RT	
Engineer:	C. Symmes	Project No.:	0131-0211	Northing:	768880.47	
Start Date:	5-1-25	Route No.:	I-84	Easting:	957526.47	
Finish Date:	5-1-25	Bridge No.:		Surface Eleva	ation: 201.2	
Project Description: Southington Rest Area Truck Parking Improvements						
Casing Size/	Гуре: SSA 4"	Sampler Type	e/Size: Split Spoon 1-3/8"	Core Barrel T	ype: N/A	

	M. St. John	Conne	ecticut DOT Boring Report	Hole No.:	R-03				
	M. Horan	Town:	Southington	Stat./Offset:	51+54/85.2' RT				
	C. Symmes	Project No.:	0131-0211	Northing:	768880.47				
	5-1-25	Route No.:	I-84	Easting:	957526.47				
e:	5-1-25	Bridge No.:		Surface Eleva	ation: 201.2				
escription: Southington Rest Area Truck Parking Improvements									
		l		l					

Conn	ecticut DOT Boring Report	Hole No.:	R-03				
:	Southington	Stat./Offset:	51+54/85.2' RT				
ct No.:	0131-0211	Northing:	768880.47				
No.:	I-84	Easting:	957526.47				
No.:		Surface Eleva	ation: 201.2				
a Truc	a Truck Parking Improvements						
ler Type	e/Size: Split Spoon 1-3/8"	Core Barrel T	ype: N/A				

Conn	ecticut DOT Boring Report	Hole No.:	R-03			
Town:	Southington	Stat./Offset:	51+54/85.2' RT			
Project No.:	0131-0211	Northing:	768880.47			
Route No.:	I-84	Easting:	957526.47			
Bridge No.:		Surface Eleva	ation: 201.2			
st Area Truck Parking Improvements						
Sampler Type	/Size: Split Spoon 1-3/8"	Core Barrel T	vne· N/A			

Report	Hole No.:	R-03		D
	Stat./Offset:	51+54/85.2' RT]	In
	Northing:	768880.47]	Е
	Easting:	957526.47]	S
	Surface Eleva	ation: 201.2		Fi
s				Ρ
B"	Core Barrel T	ype: N/A]	С

Sheet 1 of 1

Hole No.: R-07

Stat./Offset: 54+71/87.3' RT

Northing: 769054.56

Easting: 957841.72

Surface Elevation: 192.7

Core Barrel Type: N/A

Material Description

Dark brown C-F SAND, little Silt, trace

Red-brown C-F SAND, some Silt, little m-f

Tan-brown C-F SAND, and clayey Silt, little f

Grades to some c-f Gravel, trace Mica, becomes red-brown

White-brown C-F SAND, and c-f Gravel, little Silt

COMPLETELY Red-brown C-F GRAVEL, and c-f Sand, some dayey Silt, trace Mica

END OF BORING 10ft

onnecticut DOT Boring Report	Hole No.:	R-03				
Southington	Stat./Offset:	51+54/85.2' RT				
No.: 0131-0211	Northing:	768880.47				
No.: I-84	Easting:	957526.47				
No.:	Surface Eleva	tion: 201.2				
Truck Parking Improvements						
r Type/Size: Split Spoon 1-3/8"	Core Barrel T	ype: N/A				

onne	ecticut DOT Boring Report	Hole No.:	R-03				
	Southington	Stat./Offset:	51+54/85.2' RT				
No.:	0131-0211	Northing:	768880.47				
lo.:	I-84	Easting:	957526.47				
lo.:		Surface Eleva	ation: 201.2				
Truc	ruck Parking Improvements						

cut DOT Boring Report	Hole No.:	R-03
uthington	Stat./Offset:	51+54/85.2' RT
31-0211	Northing:	768880.47
1	Easting:	957526.47
	Surface Eleva	ation: 201.2
rking Improvements		

R-03	Driller:	M. St. John	Conn	ecticut DOT Boring Report
51+54/85.2' RT	Inspec	tor: M. Horan	Town:	Southington
768880.47	Engine	eer: C. Symmes	Project No.:	0131-0211
57526.47	Start D)ate: 5-2-25	Route No.:	I-84
on: 201.2	Finish	Date: 5-2-25	Bridge No.:	
	Project	t Description: Southington	Rest Area Truc	k Parking Improvements
o: NI/A	Capina	Ciza/Tuna: CCA 4"	Complex Tup	a/Cira: Cnlif Cnoon 1 2/0"

Earth: 9.0ft Rock: 0ft
No. of No. of

Soil Samples: 4 Core Runs: 0

Groundwater Observations: @None after 1 hours

Blows on

Sampler

per 6 inches

7 9 16 33 24 13

11 17 16 41 24 16

S-2 17 25 29 16 24 19

Driller:	M. St. John	Conne	ecticut DOT Boring Report	Hole No.:	R-04
Inspector:	M. Horan	Town:	Southington	Stat./Offset:	107+41/19.7
Engineer:	C. Symmes	Project No.:	0131-0211	Northing:	769086.71
Start Date:	5-2-25	Route No.:	I-84	Easting:	957566.18
Finish Date:	5-2-25	Bridge No.:		Surface Elev	ation: 202.1
Project Descr	iption: Southington Re	st Area Truck	k Parking Improvements		
Casing Size/I	ype: SSA 4"	Sampler Type	e/Size: Split Spoon 1-3/8"	Core Barrel 7	Гуре: N/A
Hammer Wt.:	Fall: in.	Hammer Wt.:	: 140 Fall: 30in.		•

Driller:	M. St. John	Conn	ecticut DOT Boring Report	Hole No.:	R-04
Inspector:	M. Horan	Town:	Southington	Stat./Offset:	107+41/19
Engineer:	C. Symmes	Project No.:	0131-0211	Northing:	769086.71
Start Date:	5-2-25	Route No.:	I-84	Easting:	957566.18
Finish Date:	5-2-25	Bridge No.:		Surface Eleva	ation: 202.1
Project Desc	ription: Southington Re	st Area Truc	k Parking Improvements		
		I		I	

Driller:	M. St. John	Conn	ecticut DOT Boring Report	Hole No.:	R-04
Inspector:	M. Horan	Town:	Southington	Stat./Offset:	107+41/19.7
Engineer:	C. Symmes	Project No.:	0131-0211	Northing:	769086.71
Start Date:	5-2-25	Route No.:	I-84	Easting:	957566.18
Finish Date:	5-2-25	Bridge No.:		Surface Eleva	ation: 202.1
Project Desc	ription: Southington Re	st Area Truc	k Parking Improvements		
		1		T	

er:	M. St. John	Conne	ecticut DOT Boring Report	Hole No.:	R-04
ector:	M. Horan	Town:	Southington	Stat./Offset:	107+41/19.7
ineer:	C. Symmes	Project No.:	0131-0211	Northing:	769086.71
Date:	5-2-25	Route No.:	I-84	Easting:	957566.18
h Date:	5-2-25	Bridge No.:		Surface Eleva	tion: 202.1
ect Descr	iption: Southington Re	st Area Truck	Parking Improvements		

PAVEMENT STRUCTURE

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

NOTES: SSA through asphalt

Material Description

Tan-gray, C-F GRAVEL, some c-f Sand, trace Silt

Red-brown C-F SAND, some c-f Gravel, little Silt

Tan/red-brown C-F SAND, some c-f Gravel, some

Sheet 1 of 1

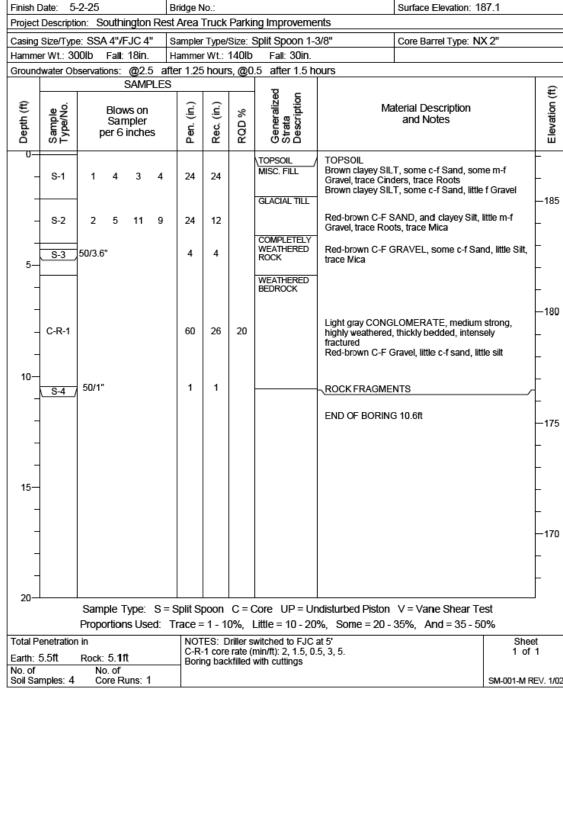
SM-001-M REV. 1/02

Tan C-F SAND, some c-f Gravel, little Silt

GLACIAL TILL Tan C-F SAND, some clayey Silt, little f Gravel

END OF BORING 9ft

Red-brown C-F SAND, and m-f Gravel, some Silt —200



Connecticut DOT Boring Report

Project No.: 0131-0211

Route No.: I-84

Hole No.: R-09

Stat./Offset: 58+07/141.9' RT

Northing: 769331.05

Easting: 958083.41

Driller: D. DeAngelis

Inspector: M. Horan

Start Date: 5-2-25

Engineer: C. Symmes

lammer Wt.:	140lb Fall: 30in.	Hamme			Fall: 30in.	370	Cole ballel Type. NAZ	
	Observations: @0.5					ı		
	SAMPLE	S	(in.)	%	Generalized Strata Description	Ma	terial Description	Elevation (ft)
Sample Type/No	Sampler per 6 inches	Pen. (in.)	Rec. (RQD	General Strata Descr		and Notes	Eleva
- S-1	WH 4 10 8	24	19		(TOPSOIL) GLACIAL TILL	Gravel, trace orga Brown C-F SAND	CLAY, some c-f Sand, some m-f nics , some clayey Silt, little f Gravel yey Silt, some c-f Gravel	- -185
_ S-2	5 9 8 50/3	.6" 22	16		WEATHERED BEDROCK	ROCK FRAGMEN	NTS	
5-						Red-brown SAND weathered, massi	OSTONE, weak, highly ve bedding, intensely fractured	-
- C-R-	1	62	52	33				-180
							ERATE, medium strong, ered, laminated, highly fractured	_
10-						END OF BORING	6 9.6ft	
								-175 -
15—								
-								- -170
20	Cample Type: C	- Calit C	noon	C = (Coro LID – Lir	edicturbed Dictor	V = Vane Shear Test	
		-	-				35%, And = 35 - 50%	
otal Penetral	•					and and cuttings	She	eet
arth: 4.3ft o. of oil Samples:	Rock: 6.6ft No. of				min/ft): 1, 2, 2, 3		1 o	f 1
riller:	M. St. John M. Horan	Con:			ıt DOT Boriı nington	ng Report	Hole No.: R-13 Stat./Offset: 17+21/23.1' RT	
ngineer:	C. Symmes	Project		0131			Northing: 769689	
tart Date:	4-30-25	Route N		I-84			Easting: 957836.44	
inish Date:	4-30-25	Bridge N					Surface Elevation: 193.1	
roject Descr	iption: Southington Re	est Area	Truck	Parki	ng Improveme	ents		
	ype: SSA 4"/FJC 4"				Split Spoon 1-	3/8"	Core Barrel Type: NX 2"	
ammer Wt.:		Hamme						
roundwater	Observations: @3.98		b hour	s, @4	.2 after 1.75	nours		1
	SAMPLE	.s	Т	I				€

Connecticut DOT Boring Report

Project No.: 0131-0211

Route No.: I-84

Project Description: Southington Rest Area Truck Parking Improvements

Casing Size/Type: FJC 4" Sampler Type/Size: Split Spoon 1-3/8"

Hole No.: R-10

Stat./Offset: 58+42/137.1' RT

Northing: 769363.62

Easting: 958095.71

Surface Elevation: 186.7

Core Barrel Type: NX 2"

Driller: D. DeAngelis

Inspector: M. Horan

Engineer: C. Symmes

Start Date: 5-5-25

Finish Date: 5-5-25

Driller: D. De	eAnge l is	C	Connecticut DOT Boring Report Hole No.: R-14						
Inspector: M. H	oran	Town:							
	mmes	Project			-0211		Northing: 769727.85		
Start Date: 5-2-2 Finish Date: 5-5-2		Route N		I-84			Easting: 957951.11	l	
Finish Date: 5-5-2 Project Description:		Bridge N		Parki	na Improveme	ents	Surface Elevation: 191.2		
Casing Size/Type: S					Split Spoon 1-		Core Barrel Type: N/A		
Hammer Wt.:	Fall: in.	Hamme			Fall: 30in.	0,0	Cole Ballel Type. 14/A		
Groundwater Observ	vations: @None	after 0.	.25 ho	urs, @	2.55 after 69	9 hours, @5.1 a	fter 484 hours		
	SAMPLES	3			- D			Ę	
Depth (ft) Sample Type/No.	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description		rial Description and Notes	Well Construction	:
0 0 0		-	-	4		TODOC"		70	Ŀ
- S-1	2 7 9 11	24	18		TOPSOIL / MISC. FILL	clayey Silt, little m Tan-orange mott	gray C-F SAND, and n-f Gravel, trace roots led C-F SAND, and clayey avel, trace Mica, trace		-1
- S-2	3 8 9 9	24	11		GLACIAL TILL	Roots Becomes red-bro			_
5—	0 9 50/3.6"	16	7			Red-brown C-F s some c-f Gravel,	SAND, and clayey Silt, trace mica		F
- <u>S-4</u> 50/	0.6"	1	1		WEATHERED BEDROCK	ROCK FRAGME	NTS		-1 ¹
- - C-R-1		61	38	16		Grey CONGLON moderately weath intensely fracture	IERATE, medium strong, nered, thickly bedded, d		-
						END OF BORIN	G 11.6ft		-1: -
4									
15—									- -1
									_
20									-

riller: I	M. St. John	C	onne	cticu	ıt DOT Borii	na Report	Hole No.: R-12	
	W. Horan	Town:			nington	ig itopoit	Stat./Offset: 18+13/33.1' RT	
·	C. Symmes	Project			-0211		Northing: 769668.68	
	4-30-25	Route N		I-84			Easting: 957735.76	
	4-30-25	Bridge N					Surface Elevation: 194.1	
roject Descrip	tion: Southington Re	est Area	Truck	Parki	ng Improveme	nts		
asing Size/Ty	pe: SSA 4"	Sample	Tvpe/	Size: \$	Split Spoon 1-3	3/8"	Core Barrel Type: N/A	
ammer Wt.:	Fall: in.	Hamme	r Wt.:	140	Fall: 30in.		7.	
roundwater C	bservations: @3.2	after 0.25	hour	s, @5	i.8 after 1.25	hours		
	SAMPLE	S						æ
Depth (ft) Sample Type/No.	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	M	aterial Description and Notes	Elevation (ft)
- S-1	WH 2 5 6	5 24	23		(TOPSOIL / GLACIAL TILL	TOPSOIL Brown clayey SILT, some c-f Sand, little f Gravel, trace Roots Red-brown clayey SILT, some m-f Gravel, little c-f Sand		
- S-2	6 4 5 1	1 24	22			Red-tan clayey S Gravel	SILT, some c-f Sand, some c-f	-19
5— S-3	24 50 50/3.6"	16	16		COMPLETELY WEATHERED ROCK	Red-tan clayey SILT, some c-f Sand, some c-f Gravel Red-brown M-F GRAVEL, little c-f Sand, some Silt, trace Mica		
- S-4 10-	50/4.8"	5	5			Red-brown M-F Silt, trace Mica	GRAVEL, little c-f Sand, some	- - -189
15 \ S-5	50/0.6"	1	1		WEATHERED BEDROCK	-√ROCK FRAGME	ENTS ,	_ _
-						END OF BORIN	G 15.1ft	- - - -17!
20			•				V = Vane Shear Test - 35%, And = 35 - 50%	_

Driller:		M. St. John	1	Τ	Co	onne	cticu	ıt DOT Boriı	ng Report	Hole No.:	R-13			
Inspect		M. Horan		To	own:			nington		Stat./Offset:		1/23.1' RT		
Engine		C. Symmes		+	roject N			-0211		Northing:	76968			
Start Da		4-30-25		+	oute N		I-84	52		Easting:	95783			
Finish [4-30-25		-	ridge N		104			Surface Elevation: 193.1				
			nington R				Parki	ng Improveme		ouriace Eleva	don. 1	70.1		
Casing	Size/Ty	/pe: SSA 4"	/FJC 4"	Sa	ampler	Type/	Size:	Split Spoon 1-	3/8"	Core Barrel Ty	ype: N	(2"		
Hamme	er Wt.:	140lb Fal	I: 30in.	На	ammer	Wt.:	140lb	Fall: 30in.						
Ground	lwater (Observations:	@3.98	aft	er 1.5	hour	s, @4	.2 after 1.75	hours					
			SAMPLI	ES				-					Ω.	
Depth (ft)	Sample Type/No.	Blo Sa per 6	ows on mpler 5 inches		Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Mate	erial Descrip and Notes		Elevation (ft)		
0— - -	S-1	2 3	5 (6	24	17		(TOPSOIL / GLACIAL TILL	TOPSOIL Brown SILT, some Roots Grades to some c-t tan/red-brown	f Gravel, beco	-			
-	S-2	10 11	22 50/4	4.8"	23	17		COMPLETELY WEATHERED ROCK	Red-brown clayey : Gravel White-red SILT, so				—190	
5—	S-3	100/1.2"			1	1		WEATHERED BEDROCK	ROCK FRAGMEN	TS			-	
_								BEDROCK	Red-brown/gray Co strong, slightly wea fractured				- - -185	
10-	C-R-1				62	63	53		Red brown CANDS	STONE modi	um atra	na aliabth.	- 100	
-									Red-brown SANDS weathered, mediun					
_									END OF BORING	11.2ft			-	
_													—180 —	
15-													-	
-														
-													-175	
20-													<u> </u>	
									ndisturbed Piston \\ %, Some = 20 - 3					
Total P	enetrati	on in			NOT	ES: F	oller b	it/SSA grindina	from 4' to 7.2', Driller	switched to F	JC at	Shee	et	
Earth:	5 9ft	Rock: 5.4	lff		4.4'				•			1 of		
No. of	o.oil	No. of						min/ft): 4, 3, 3.5, with cuttings	3.5, 4.					
Soil Sa	mples:		Runs: 1		20111	.g .,ac		oddingo				SM-001-M R	EV. 1/02	

NOT TO SCALE	CONNECTICUT DEPARTMENT OF TRANSPORTATION
804.000\16_Custom_Client\CT_Connect\Highways\Contract_F	'lans\FD_CP_0131-0211_BORINGLOGS.dgn

DRAWING TITLE:

Driller: D. DeAngelis

Inspector: M. Horan

Engineer: C. Symmes

Start Date: 5-2-25

Finish Date: 5-2-25

Connecticut DOT Boring Report

Town: Southington
Project No.: 0131-0211

Groundwater Observations: @4 after 0.25 hours, @1.5 after 6.75 hours, @1.9 after 481 hours

Route No.: I-84

Project Description: Southington Rest Area Truck Parking Improvements

Casing Size/Type: SSA 4"/FJC 4" Sampler Type/Size: Split Spoon 1-3/8"

Blows on Sampler

Hammer Wt.: 300lb Fall: 18in. Hammer Wt.: 140lb Fall: 30in.

per 6 inches

S-1 3 1 2 5 24 16

S-2 9 11 12 10 24 17

S-3 8 50/2.4"

S-4___50/1.2"

Earth: 4.7ft Rock: 8.3ft

No. of No. of
Soil Samples: 4 Core Runs: 1

Hole No.: R-11

Stat./Offset: 59+07/142.7' RT

Northing: 769418.52

Easting: 958132.13

Surface Elevation: 185.8

Core Barrel Type: NX 2"

Material Description

m-f Gravel, trace Roots
Tan-brown C-F SAND, some clayey Silt,
some c-f Gravel, trace Roots

Brown C-F SAND, some m-f Gravel, little Silt

Red-brown clayey SILT, and c-f Gravel, little

Red-brown CONGLOMERATE, medium

strong, moderately weathered, massive bedding, highly fractured

TOPSOIL Dark brown clayey SILT, little c-f Sand, little

ROCK FRAGMENTS

END OF BORING 13ft

WEATHERED BEDROCK c-f Sand

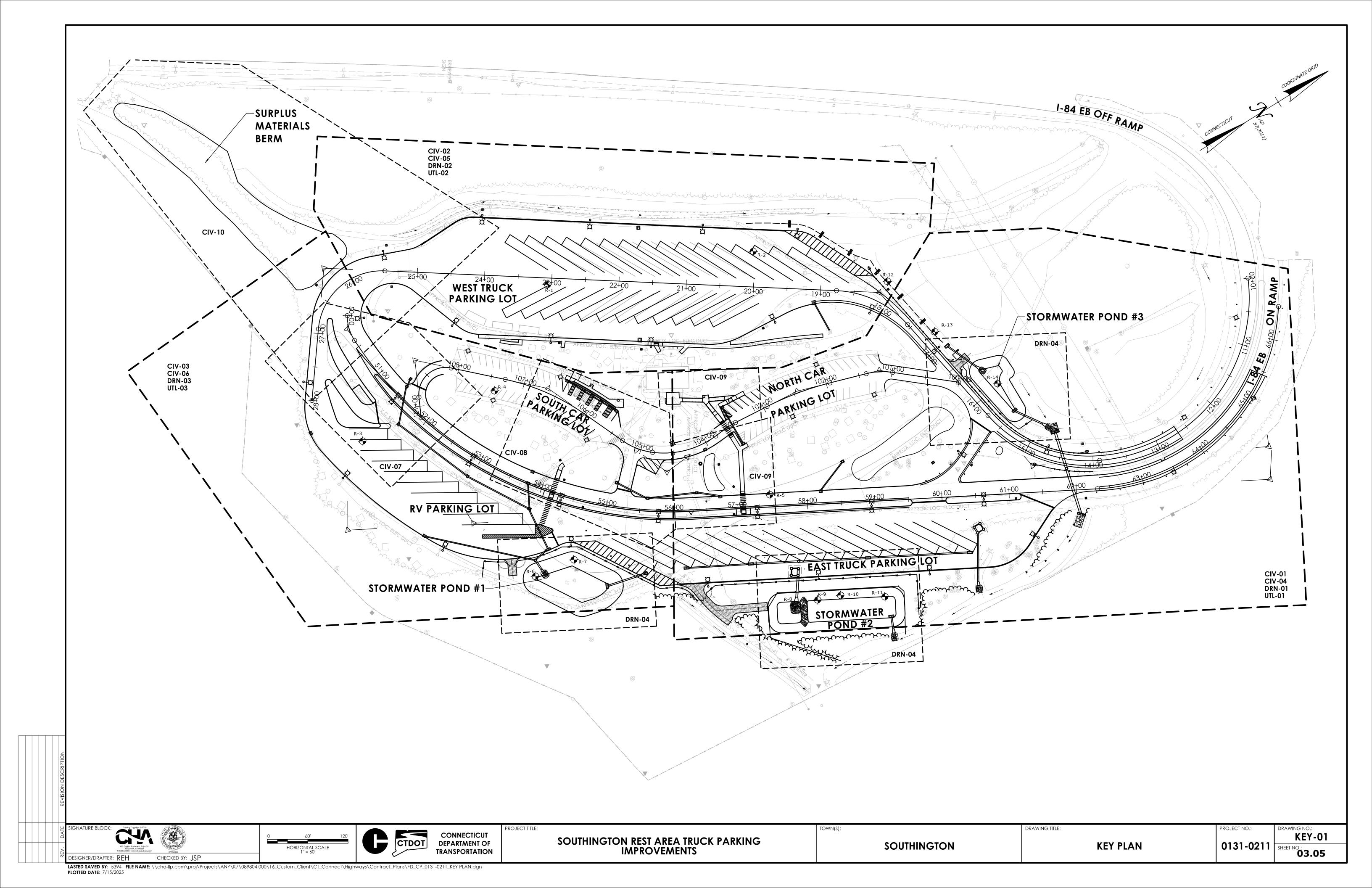
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test

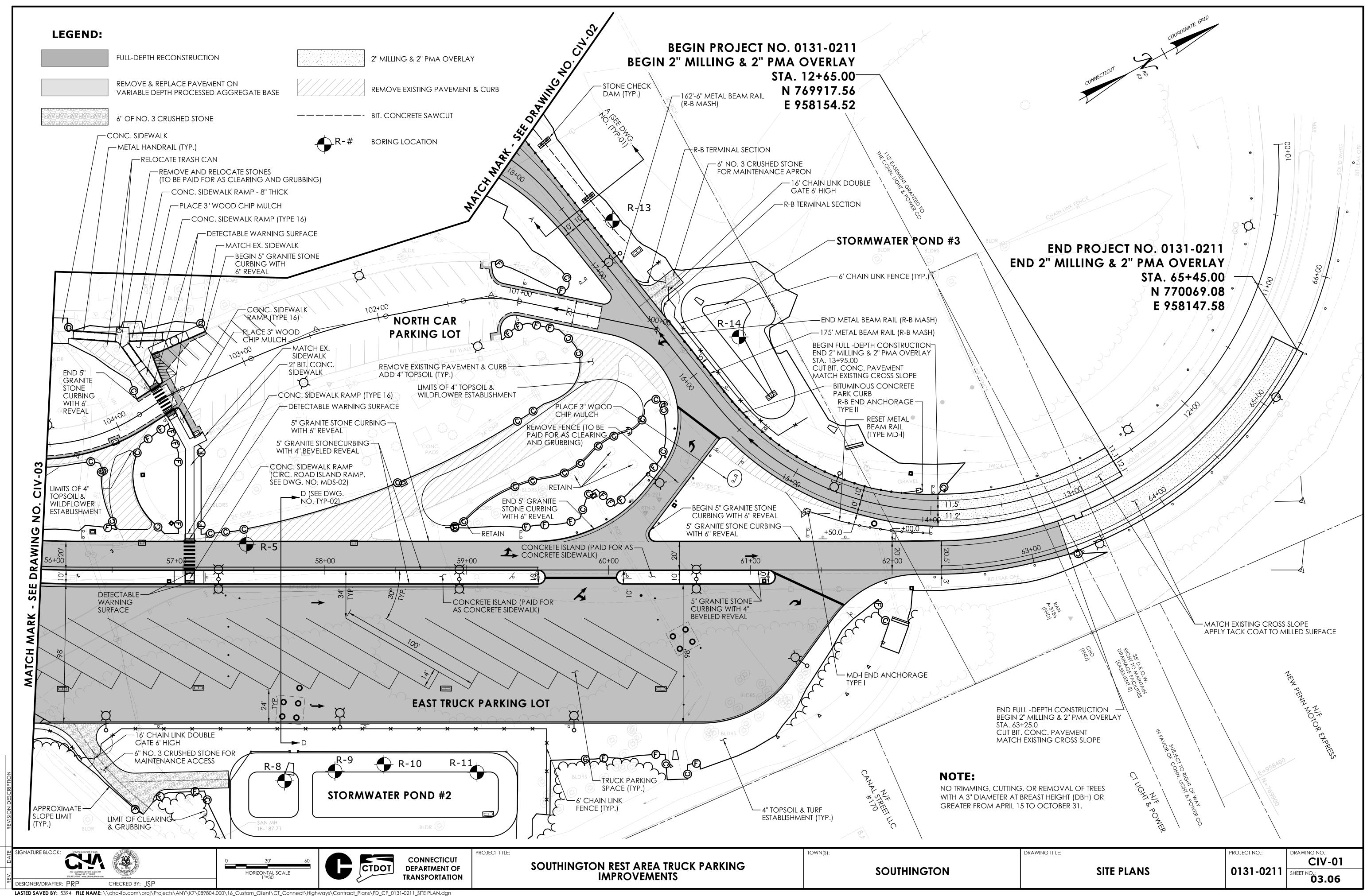
Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

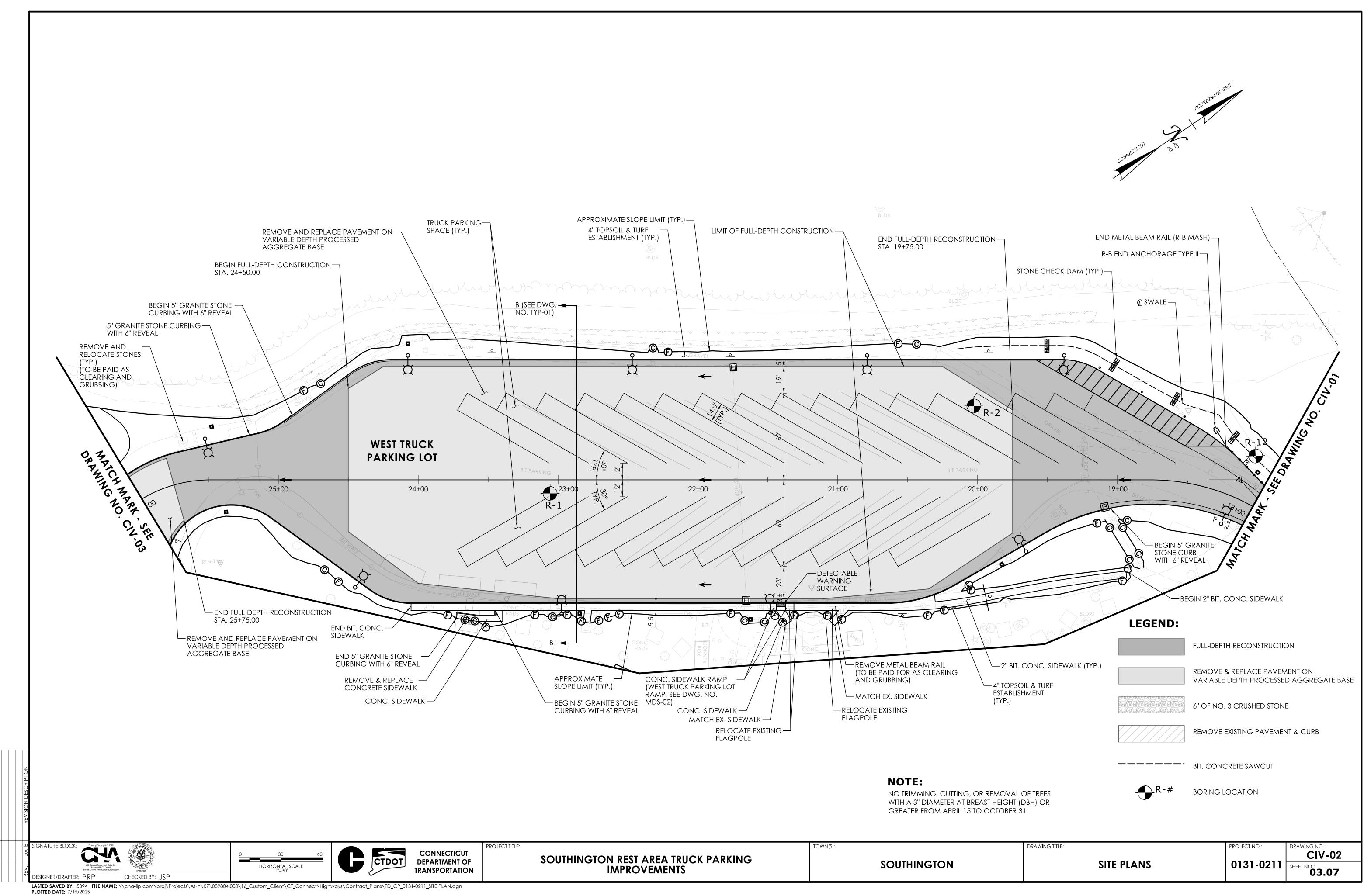
5.4'
Top of rock estimated at 4.7'

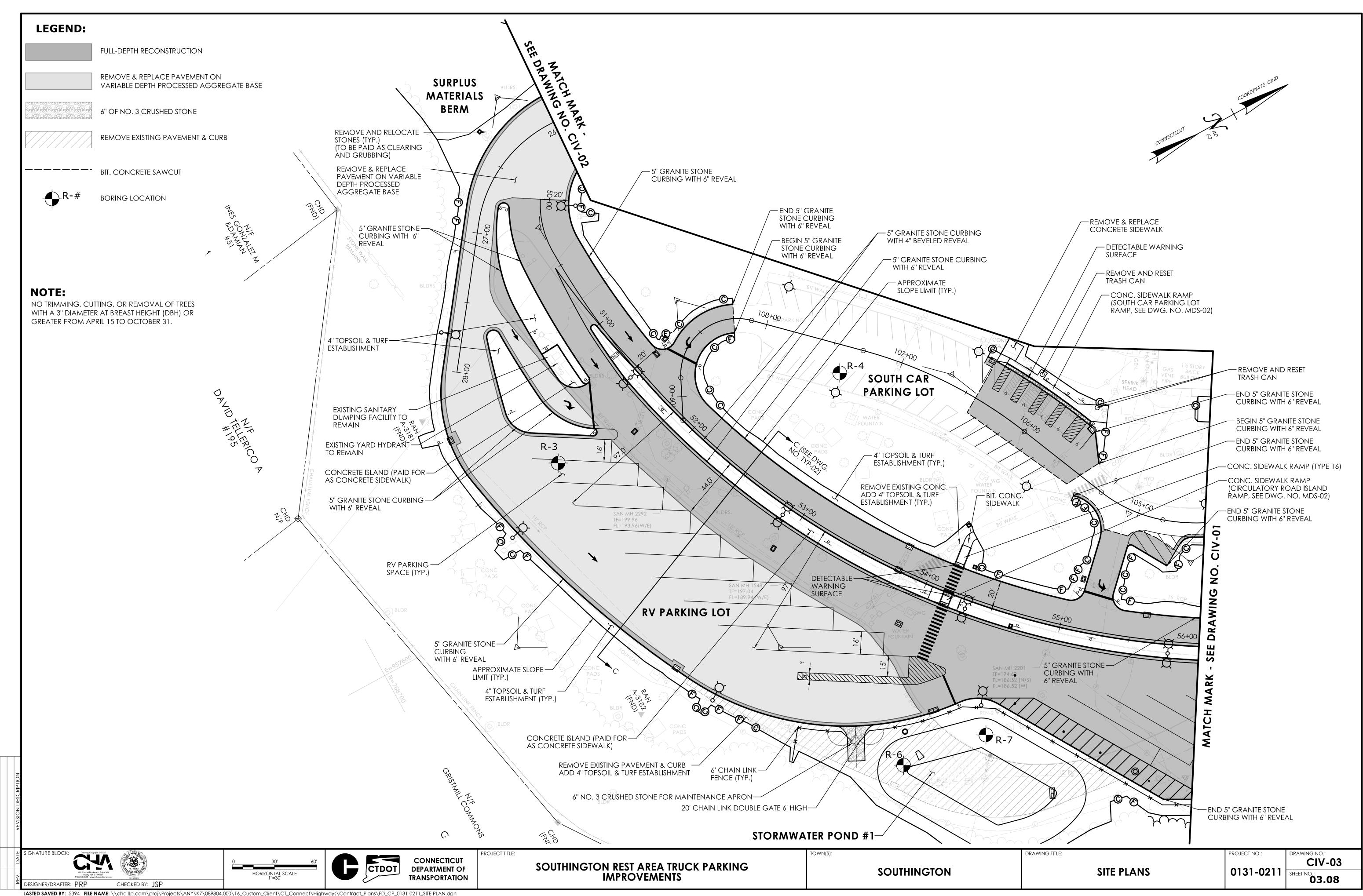
NOTES: Roller bit/SSA grinding from 5' to 8', Driller switched to FJC at

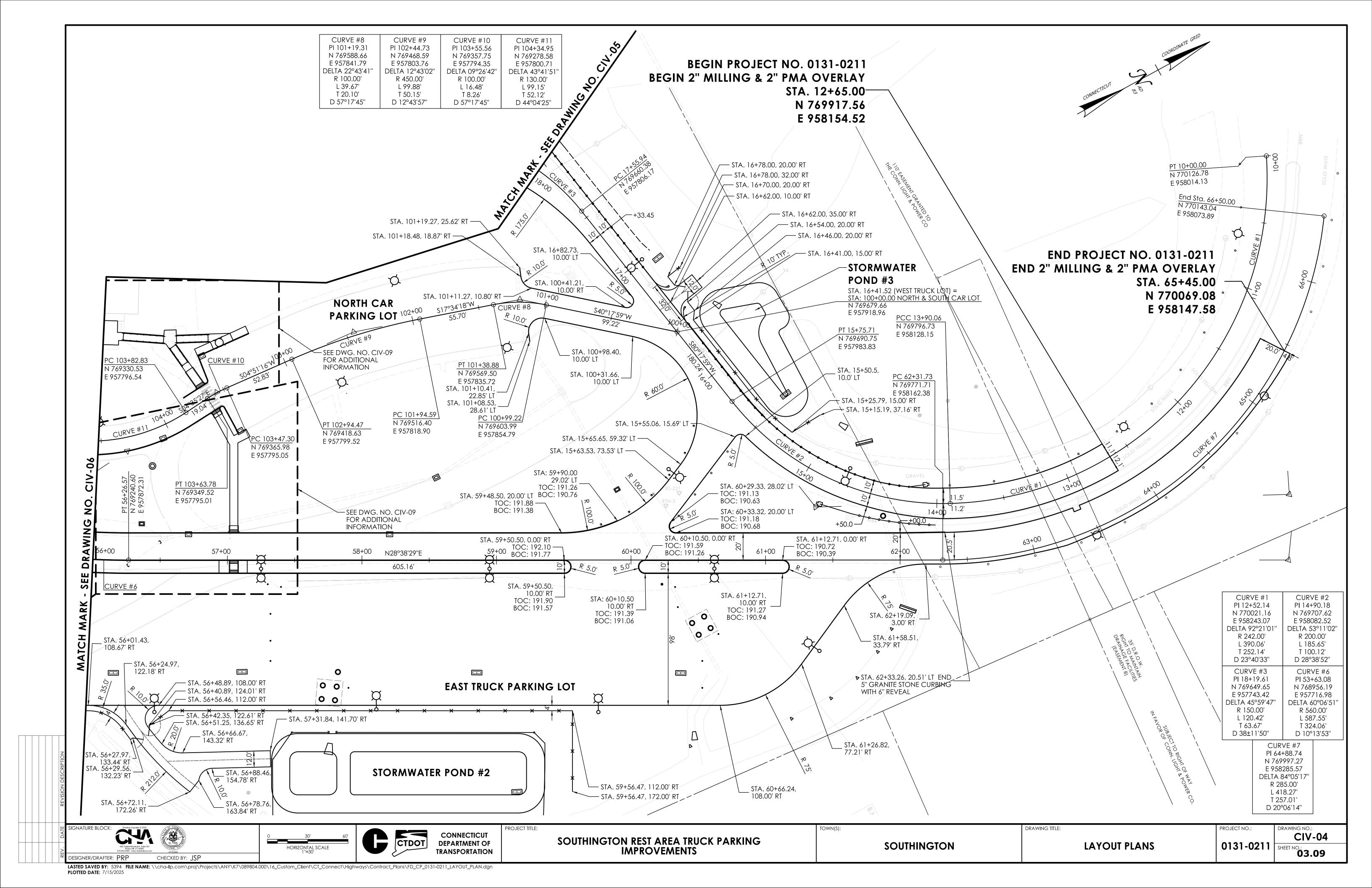
Groundwater observation well OW-11 installed within borehole

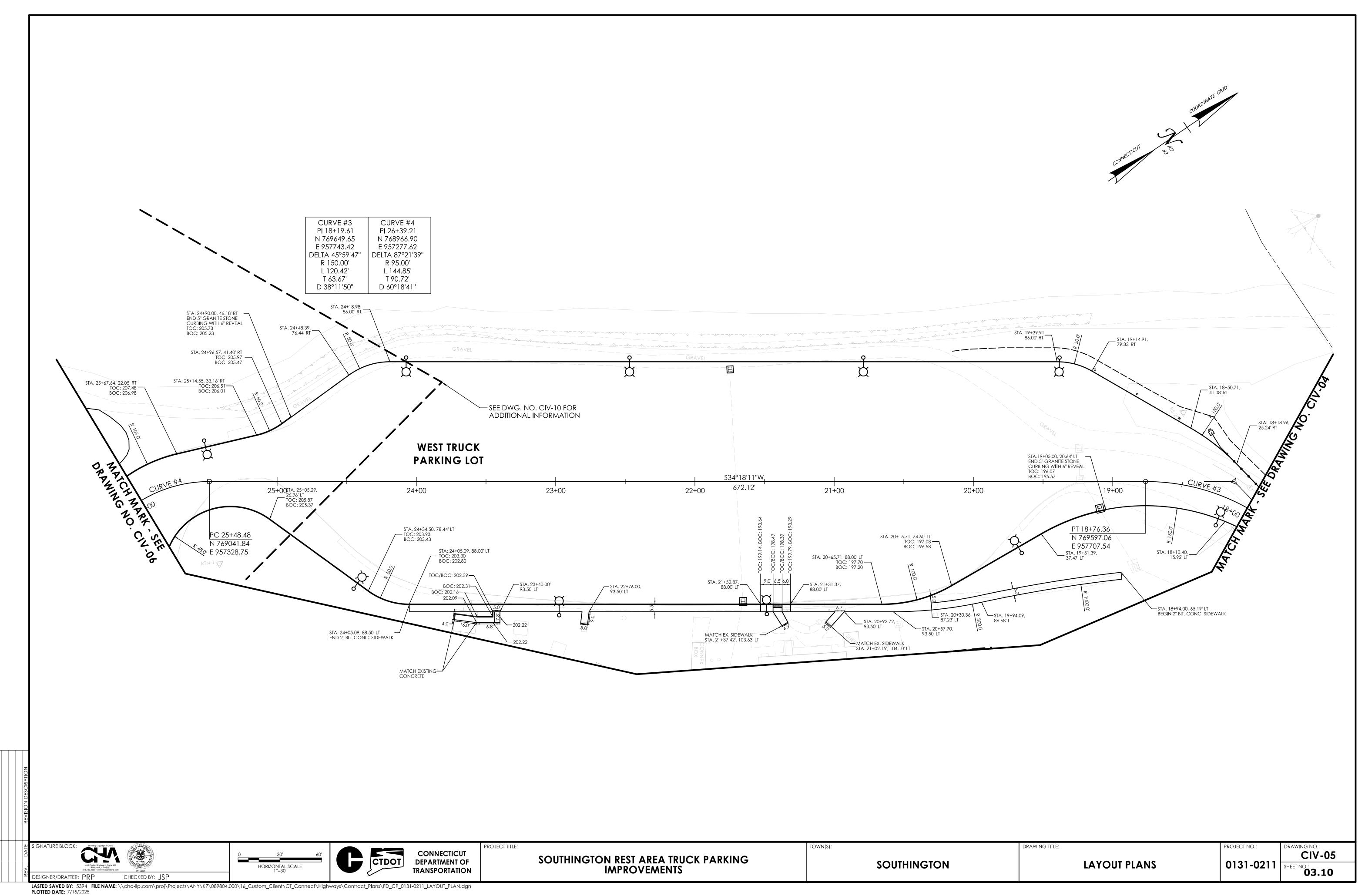


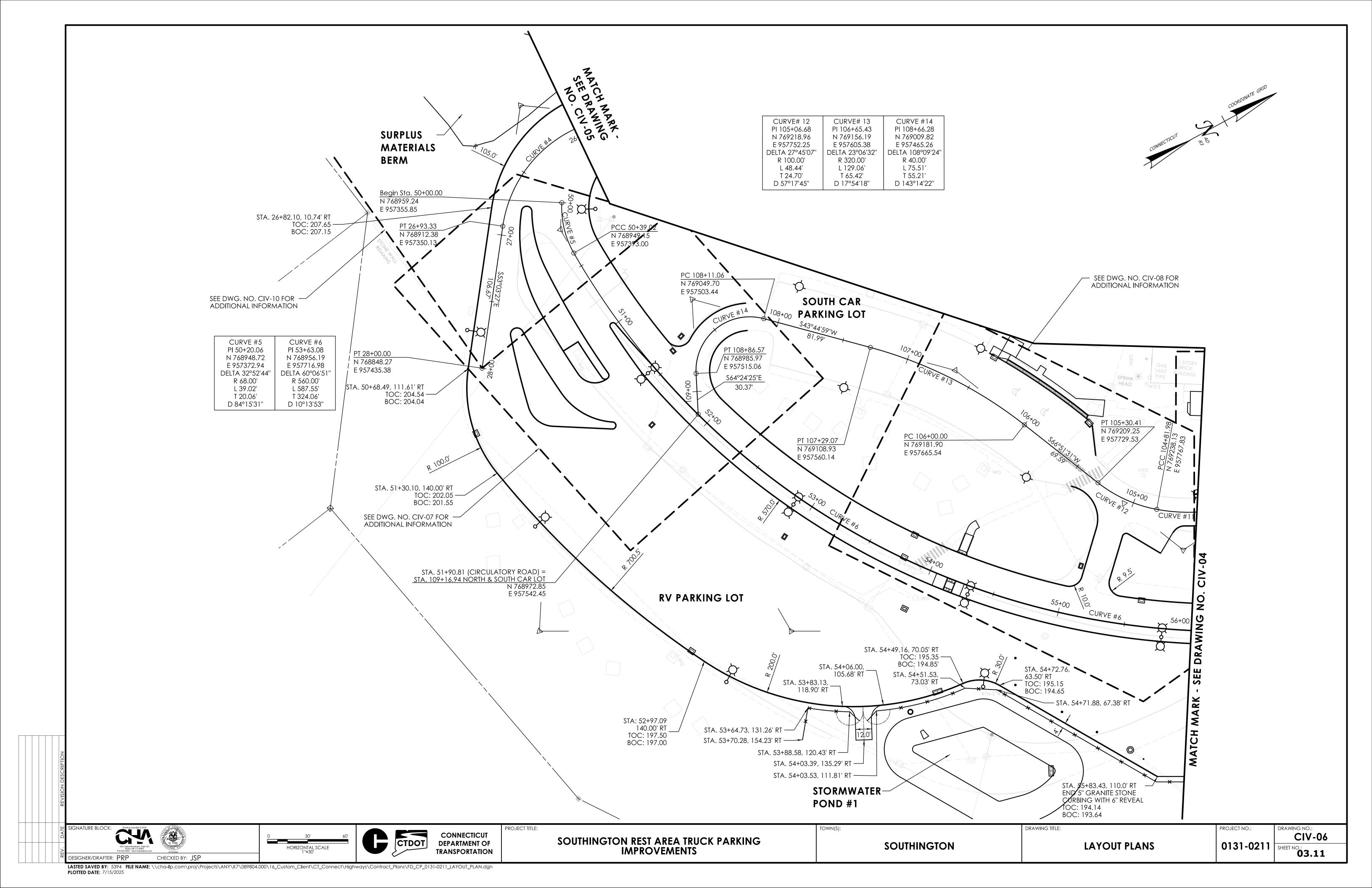


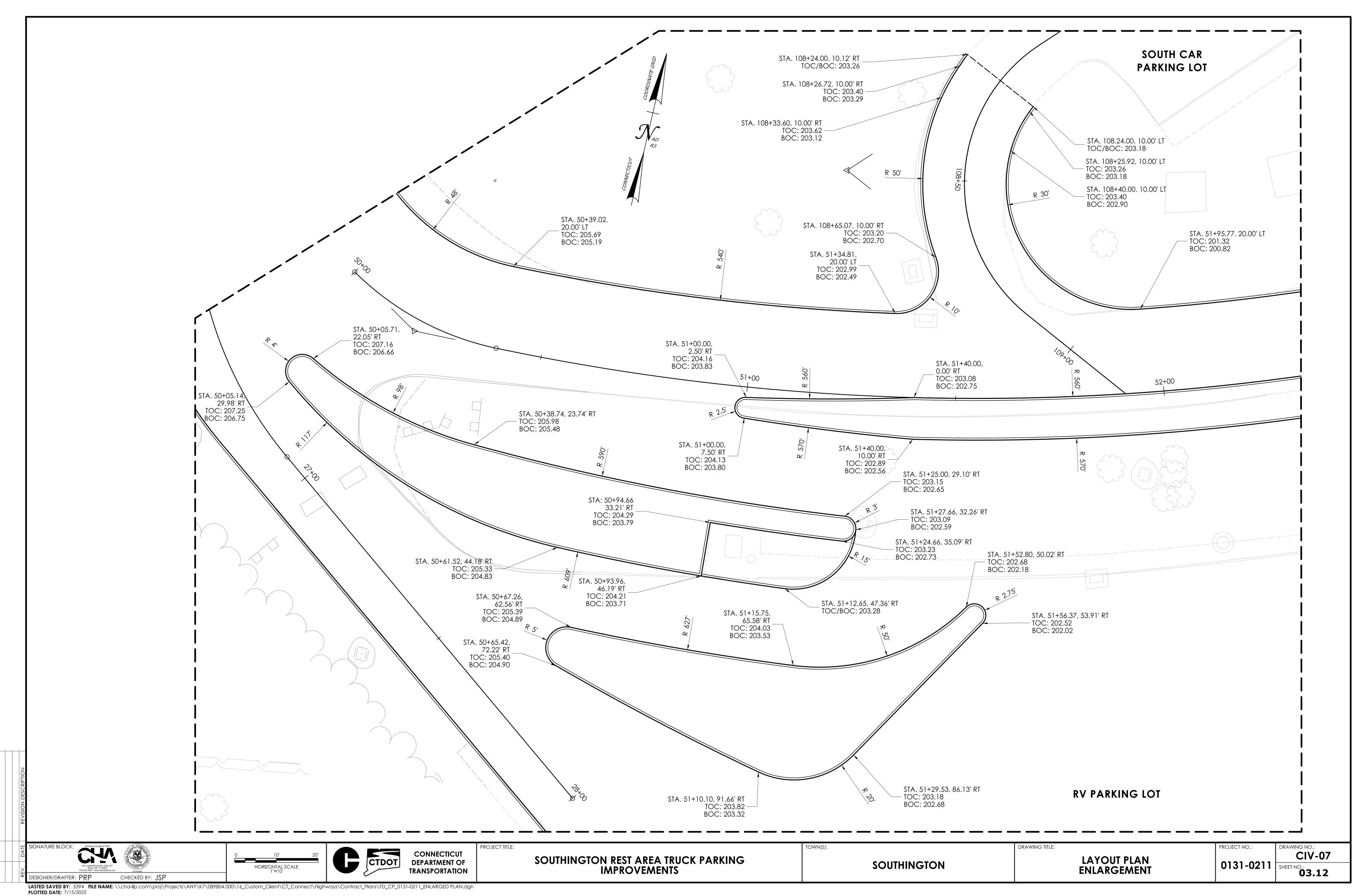


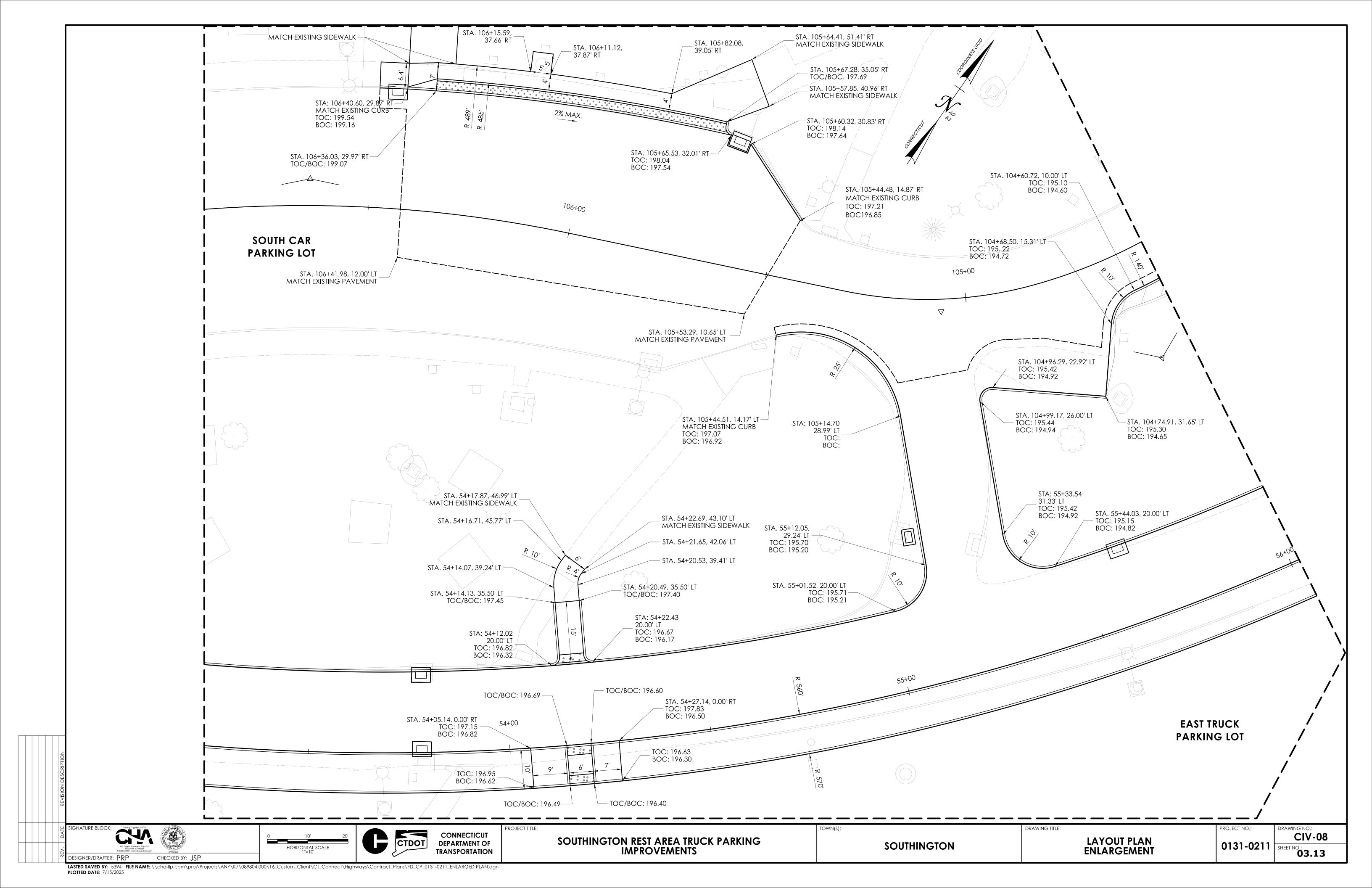


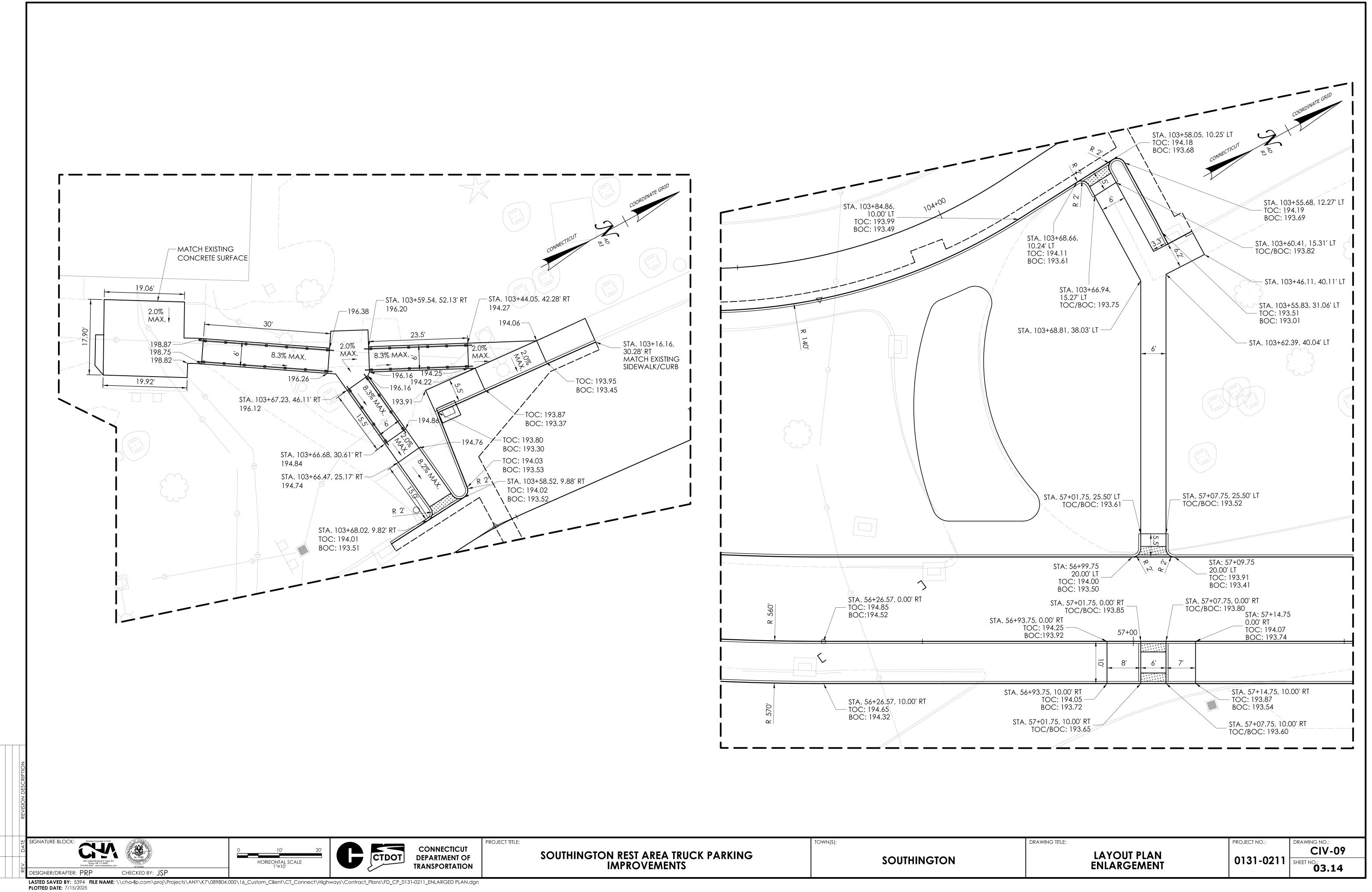


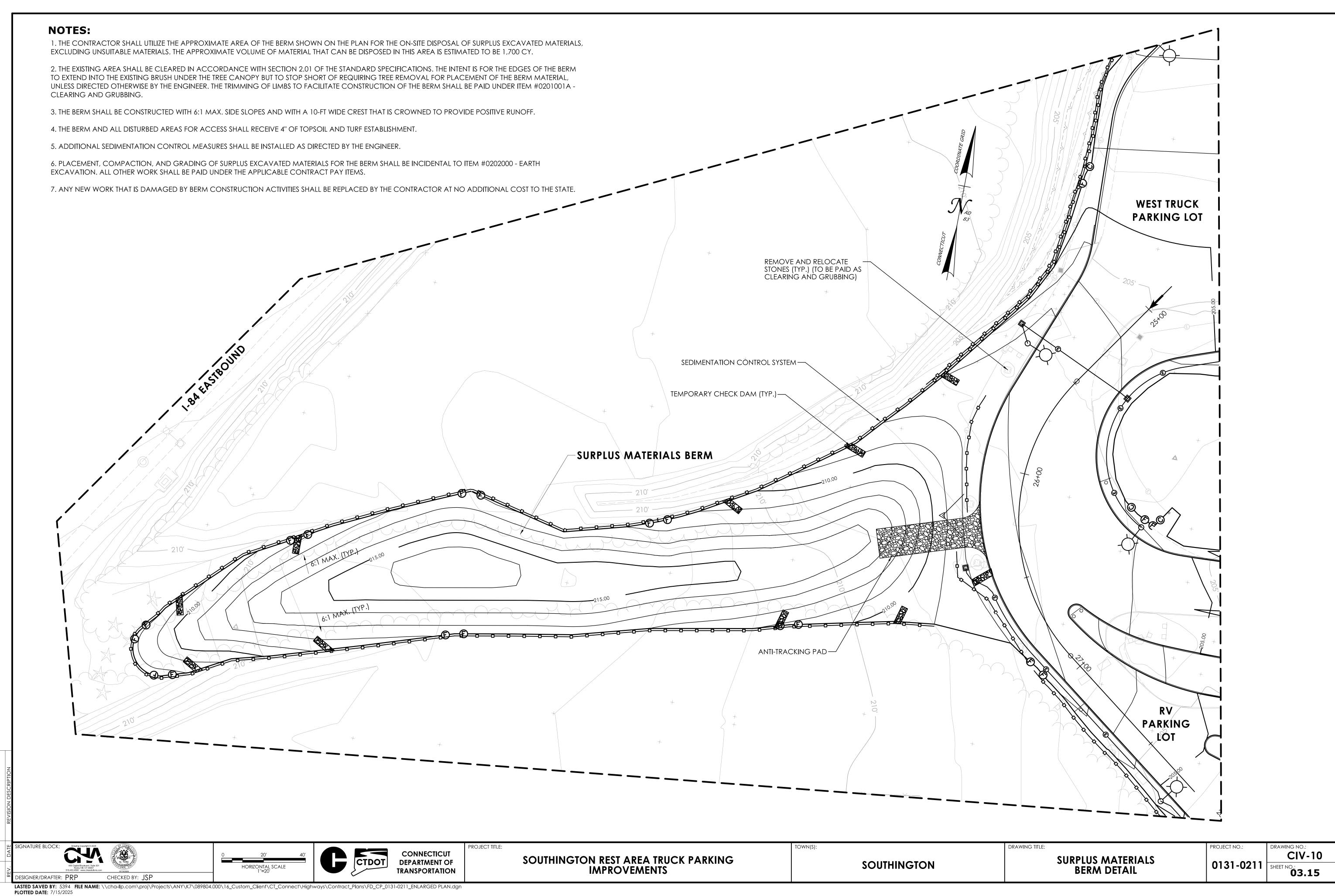


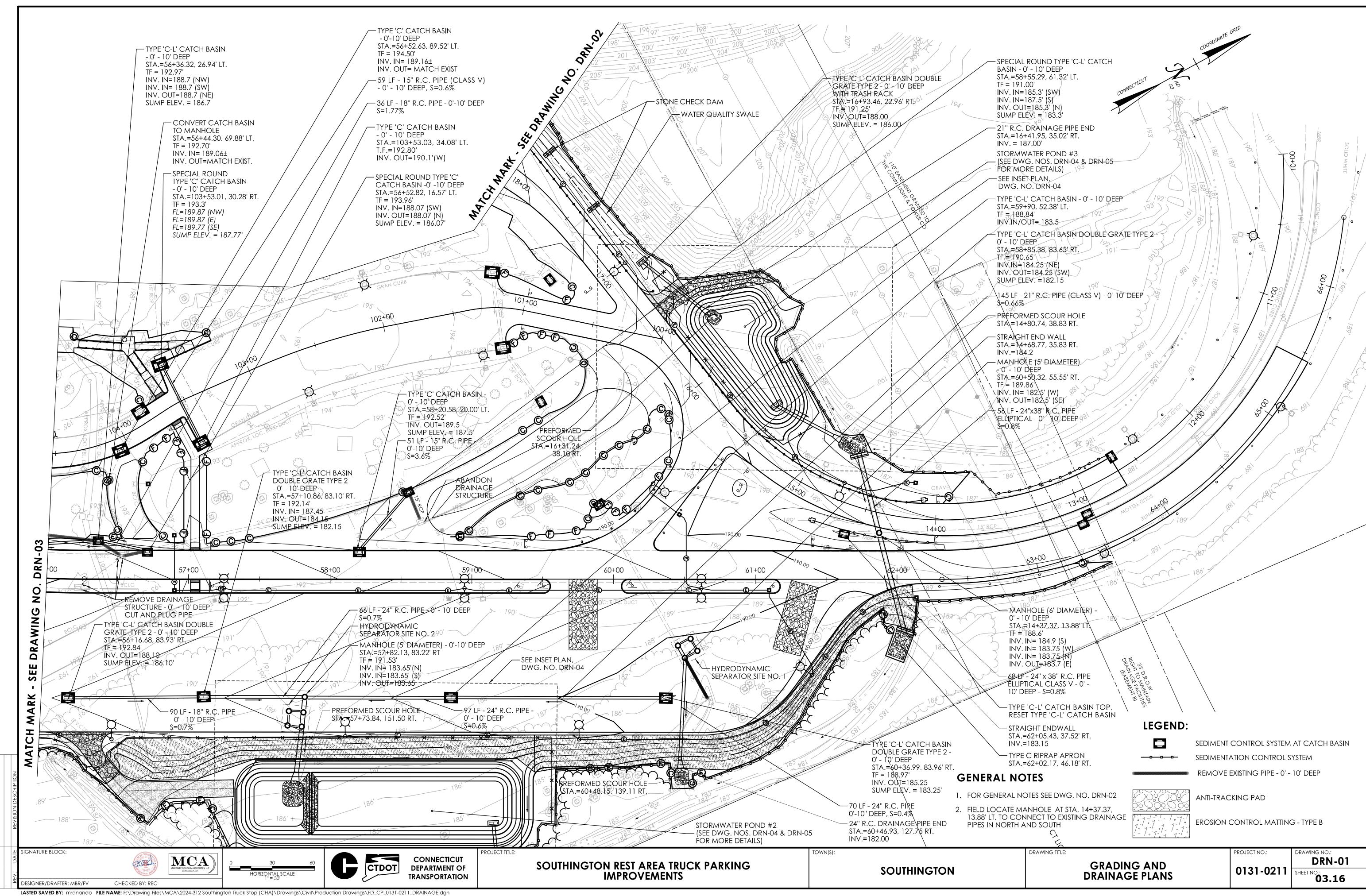


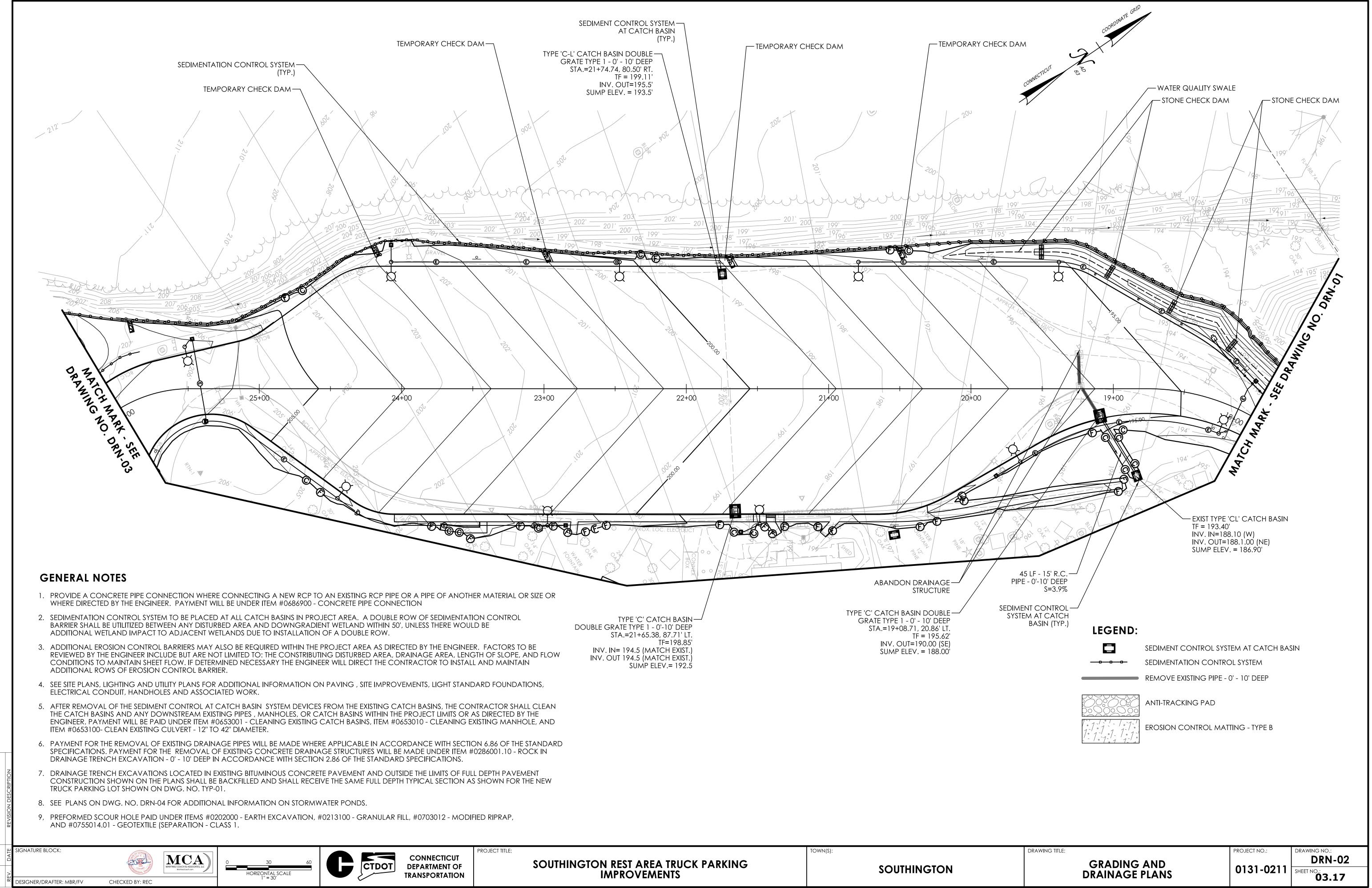


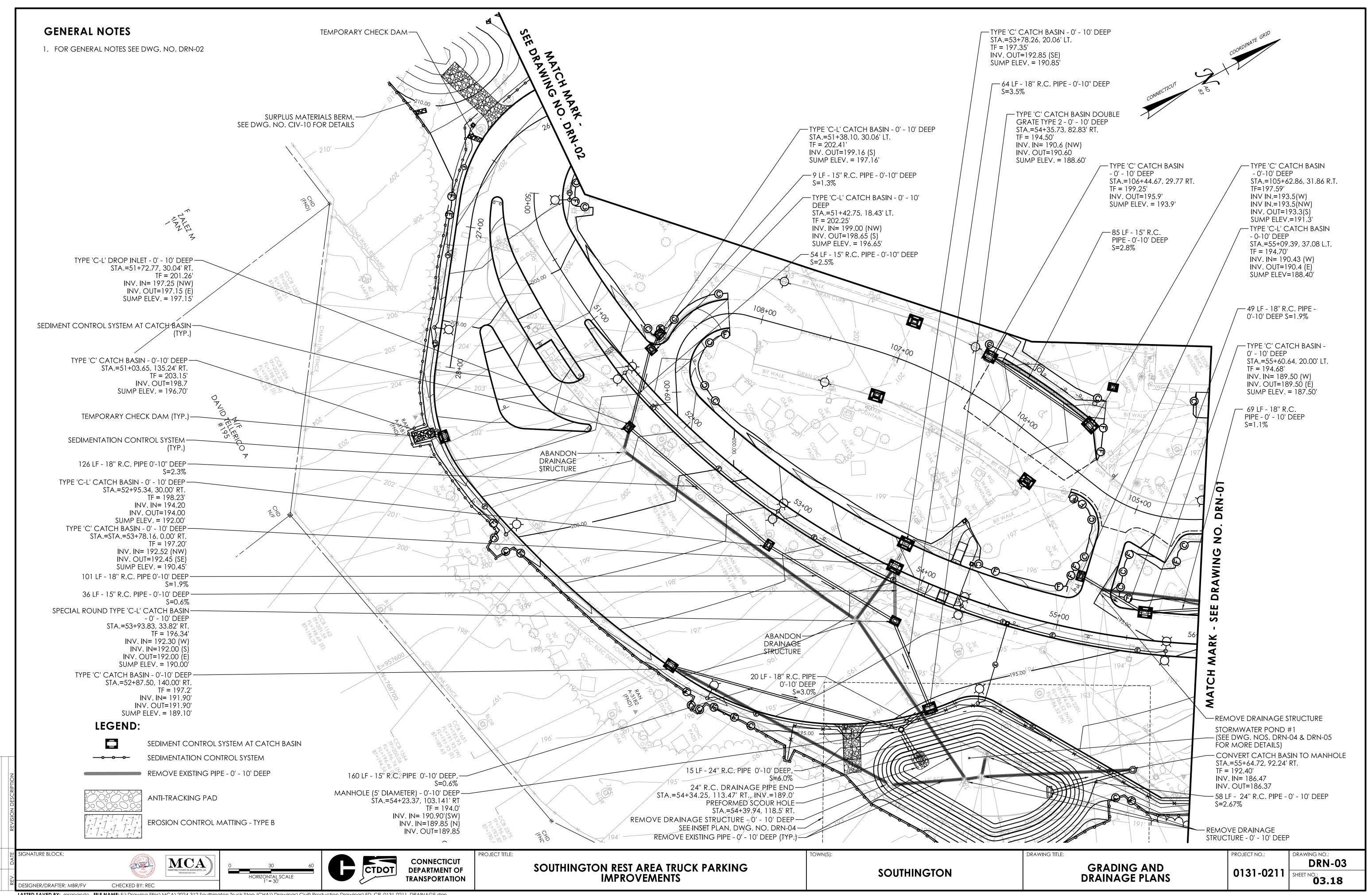


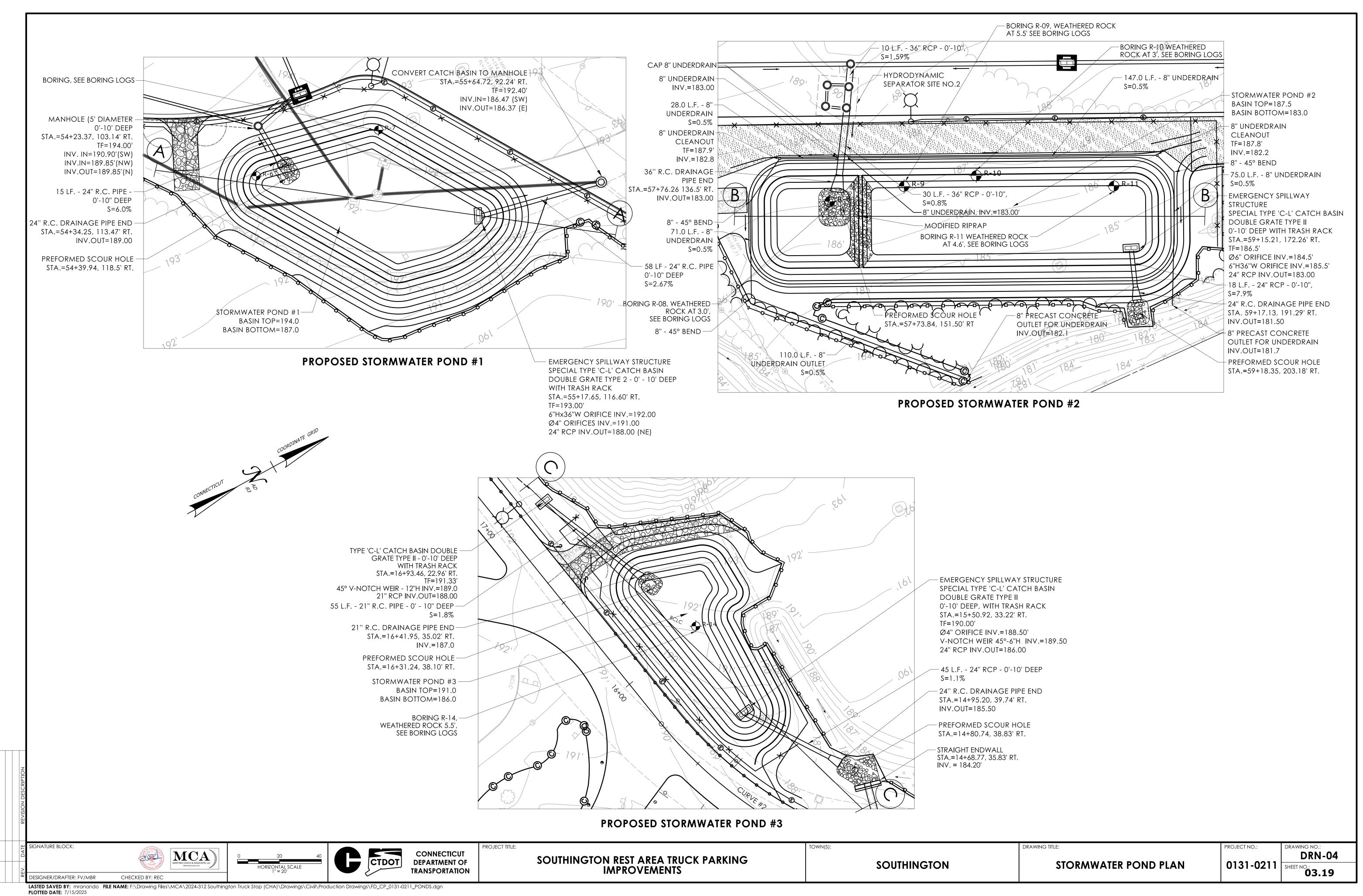


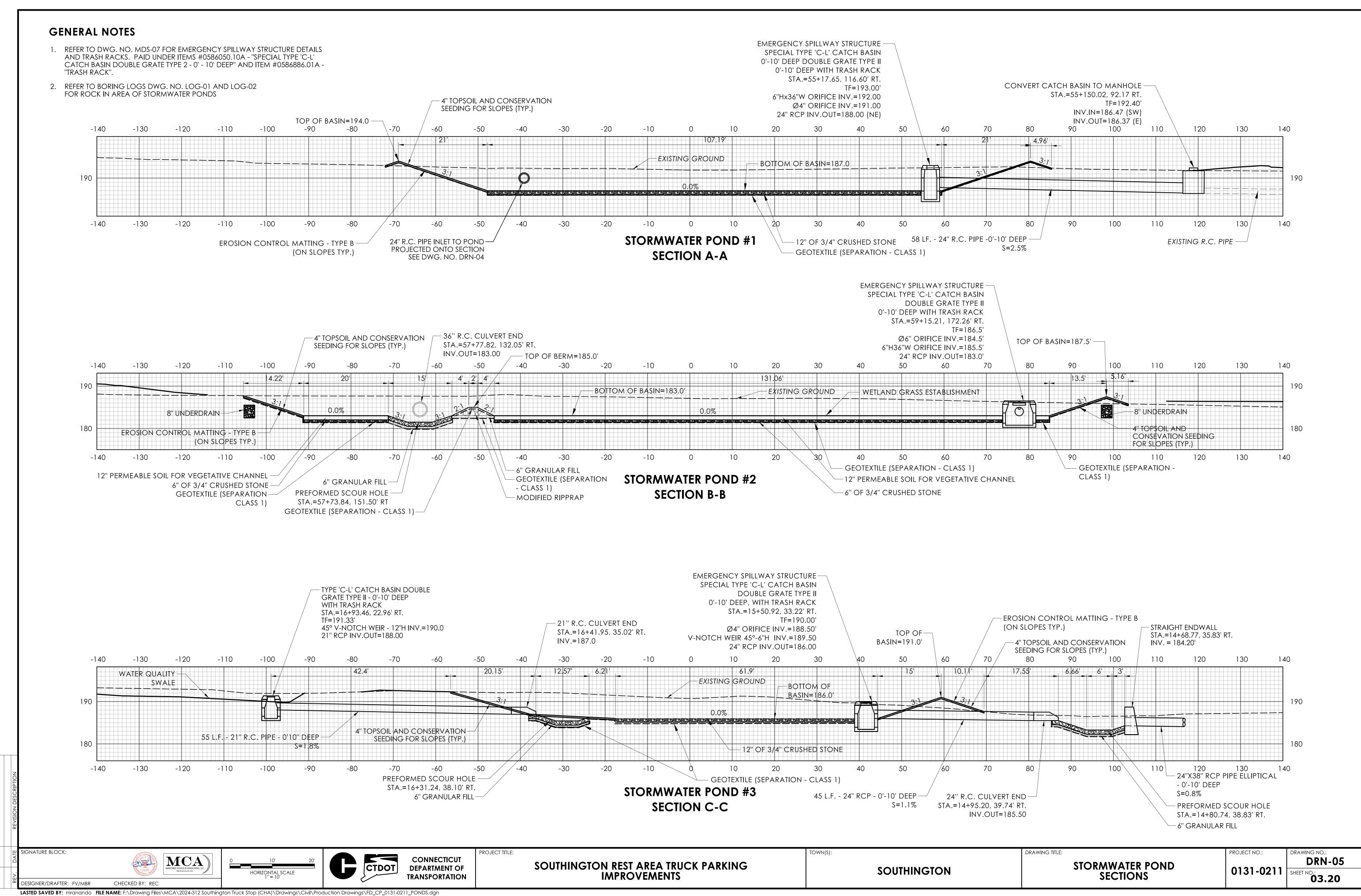


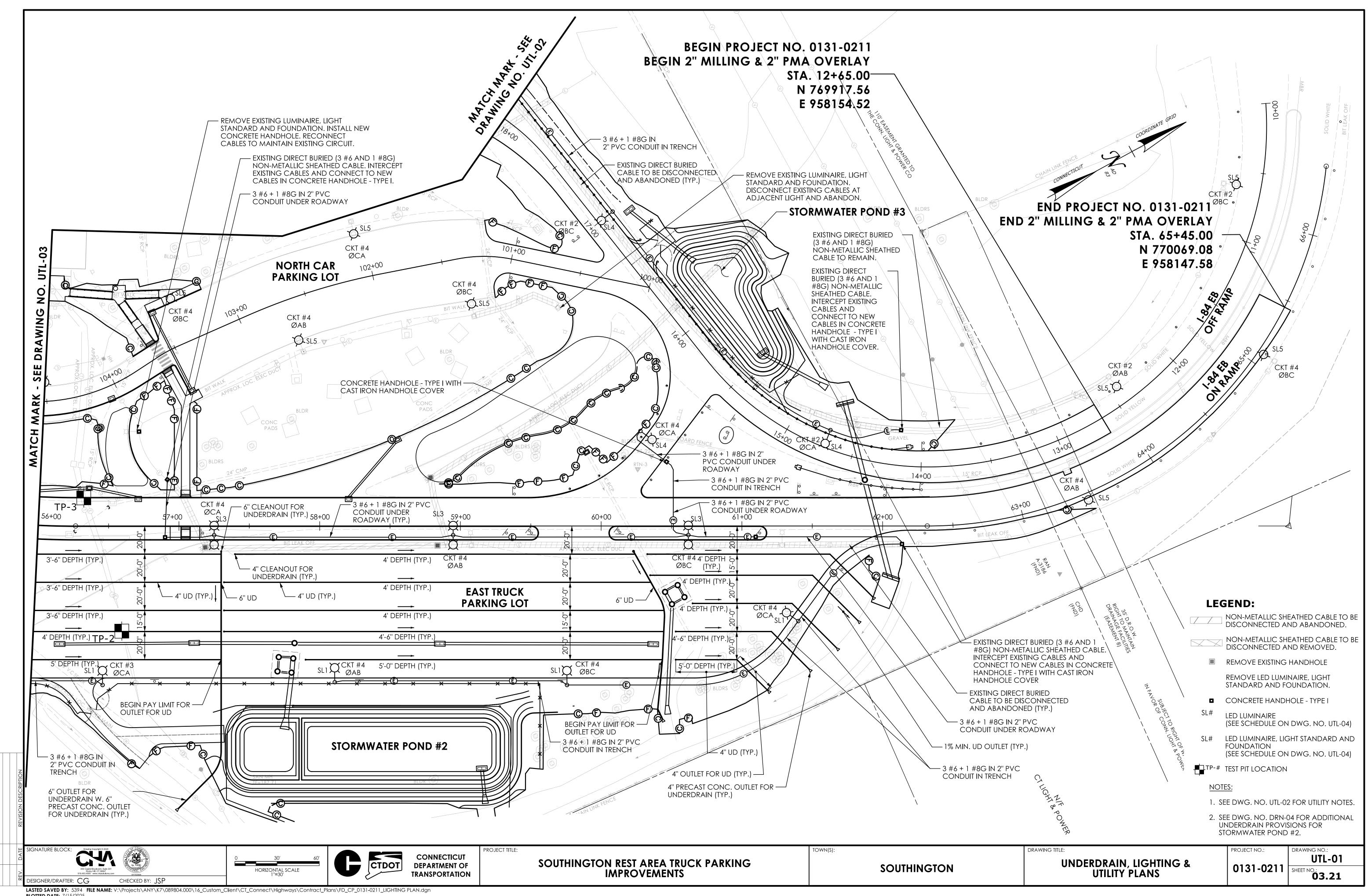


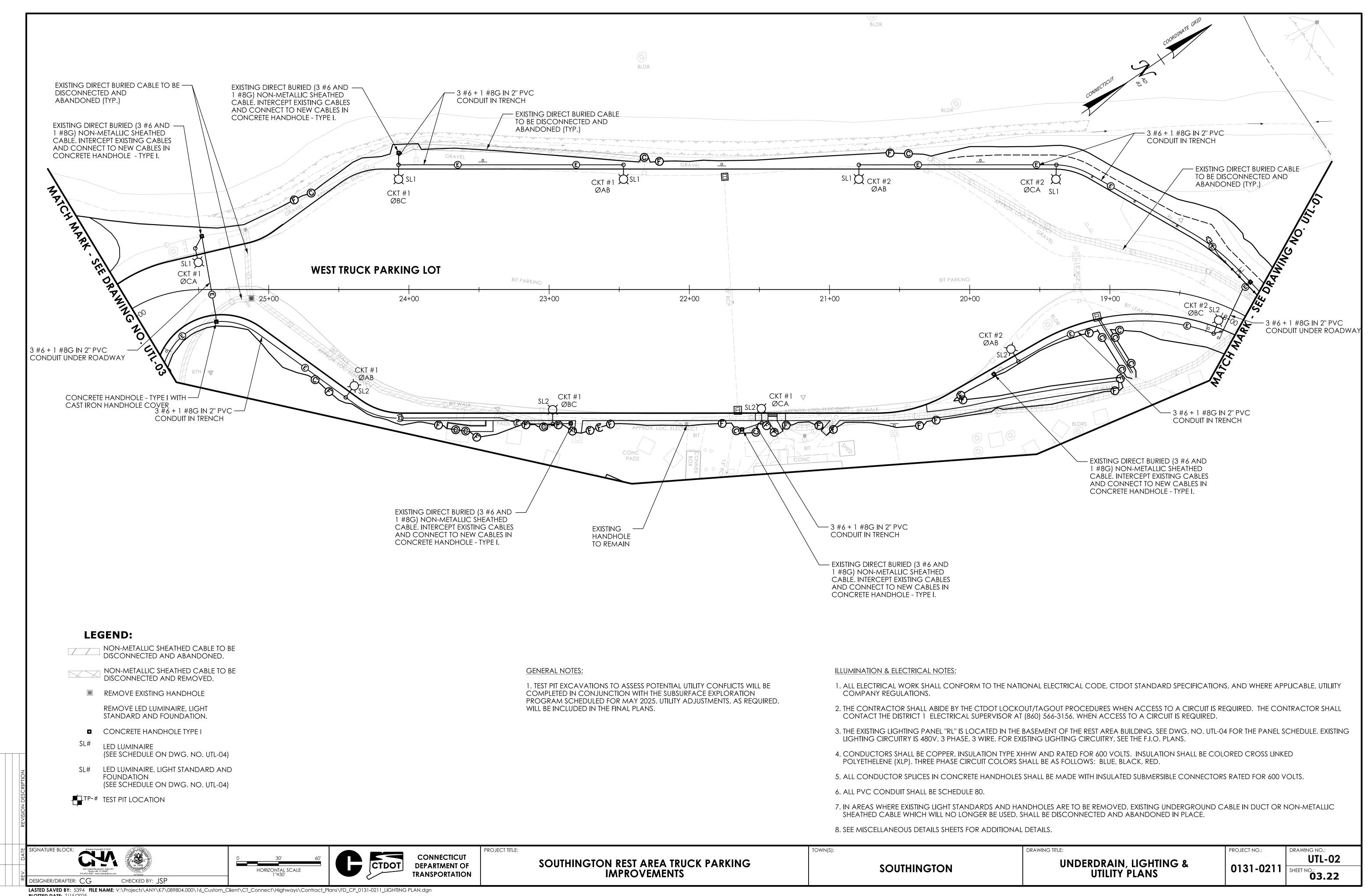


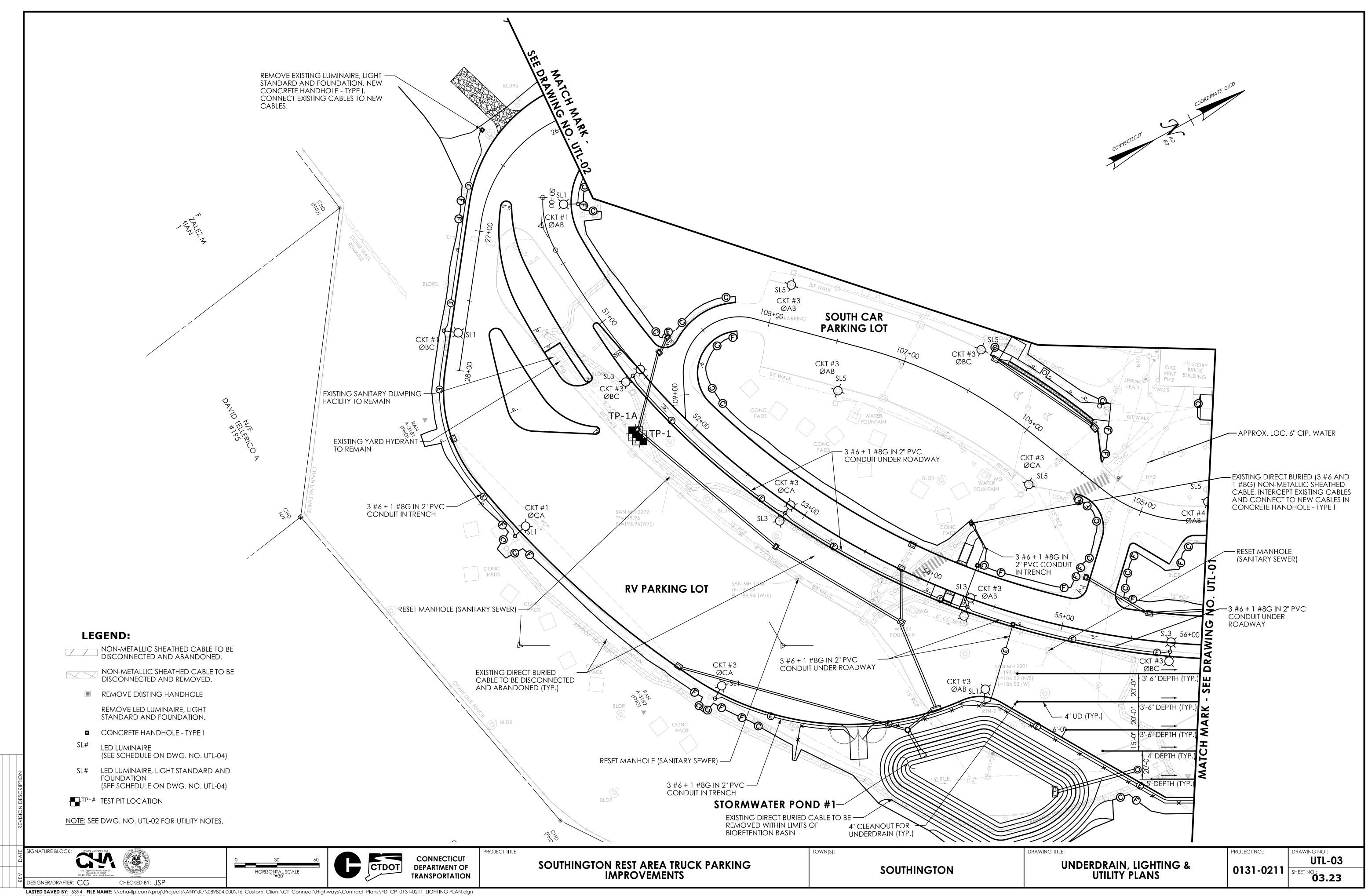












				EX	ISTING	PAN	EL "RL"						
480 VO	LT				3 F	PHASE						3 WIRE	
AMP M	AIN LUGS ONLY											LOCATION - BASEMENT	
MOUNT	ING SURFACE											40 AMP GROUND BUS	
POS	CIRCUIT DESCRIPTION	TRIP	POLES	Α	Ø	В	Ø	С	Ø	POLES	TRIP	CIRCUIT DESCRIPTION	POS
1	SPACE											SPACE	2
3	SPACE											SPACE	4
5													6
7	SPARE	30 A	3							3		SPARE	8
9													10
11													12
13	UNKNOWN CIRCUIT		3							3		SPARE	14
15													16
1 <i>7</i>				0.921	2.21								18
19	ROADWAY LIGHTING CKT 2	20 A	3			1.381	2.11			3	20 A	ROADWAY LIGHTING CKT 3	20
21								1.126	2.16				22
23				2.365	1.525								24
25	ROADWAY LIGHTING CKT 4	20 A	3			2.571	1.525			3	20 A	ROADWAY LIGHTING CKT 1	26
27								2.365	1.525				28
		TOTAL	AMPS:	7.0)21	7.58	3725	7.17	625	'			

		LIGHTING FIXTURE S	CHEDULE				
FIXTURE DESIGNATION	TYPE	DESCRIPTION	MOUNTING	VOLTAGE	WATTAGE	QUANTITY	NOTES
SL1	LED 4000K 18k-20k	SINGLE ARM, TYPE III WIDE LIGHT DISTRIBUTION, AND 20KV/10KA SURGE SUPPRESSION	POLE 10' BRACKET MOUNTING HEIGHT 38'-0" AFG	480V	120-140W	14	
SL2	LED 4000K 18k-20k	SINGLE ARM, TYPE III WIDE LIGHT DISTRIBUTION, AND 20KV/10KA SURGE SUPPRESSION	POLE 10' BRACKET MOUNTING HEIGHT 33'-0" AFG	480V	120-140W	5	
SL3	LED 4000K 13k-15k	TWIN ARM, TYPE II LIGHT DISTRIBUTION, AND 20KV/10KA SURGE SUPPRESSION	POLE TWIN 10' BRACKETS MOUNTING HEIGHT 38'-0" AFG	480V	88-111W	7	
SL4	LED 4000K 13k-15k	SINGLE ARM, TYPE II LIGHT DISTRIBUTION, AND 20KV/10KA SURGE SUPPRESSION	POLE 10' BRACKET MOUNTING HEIGHT 38'-0" AFG	480V	88-111W	3	
SL5	LED 4000K 13k-15k	SINGLE ARM, TYPE II LIGHT DISTRIBUTION, AND 20KV/10KA SURGE SUPPRESSION	EXISTING POLE 10' BRACKET MOUNTING HEIGHT 30'-0" AFG	480V	88-111W	13	

CONNECTICUT DEPARTMENT OF TRANSPORTATION

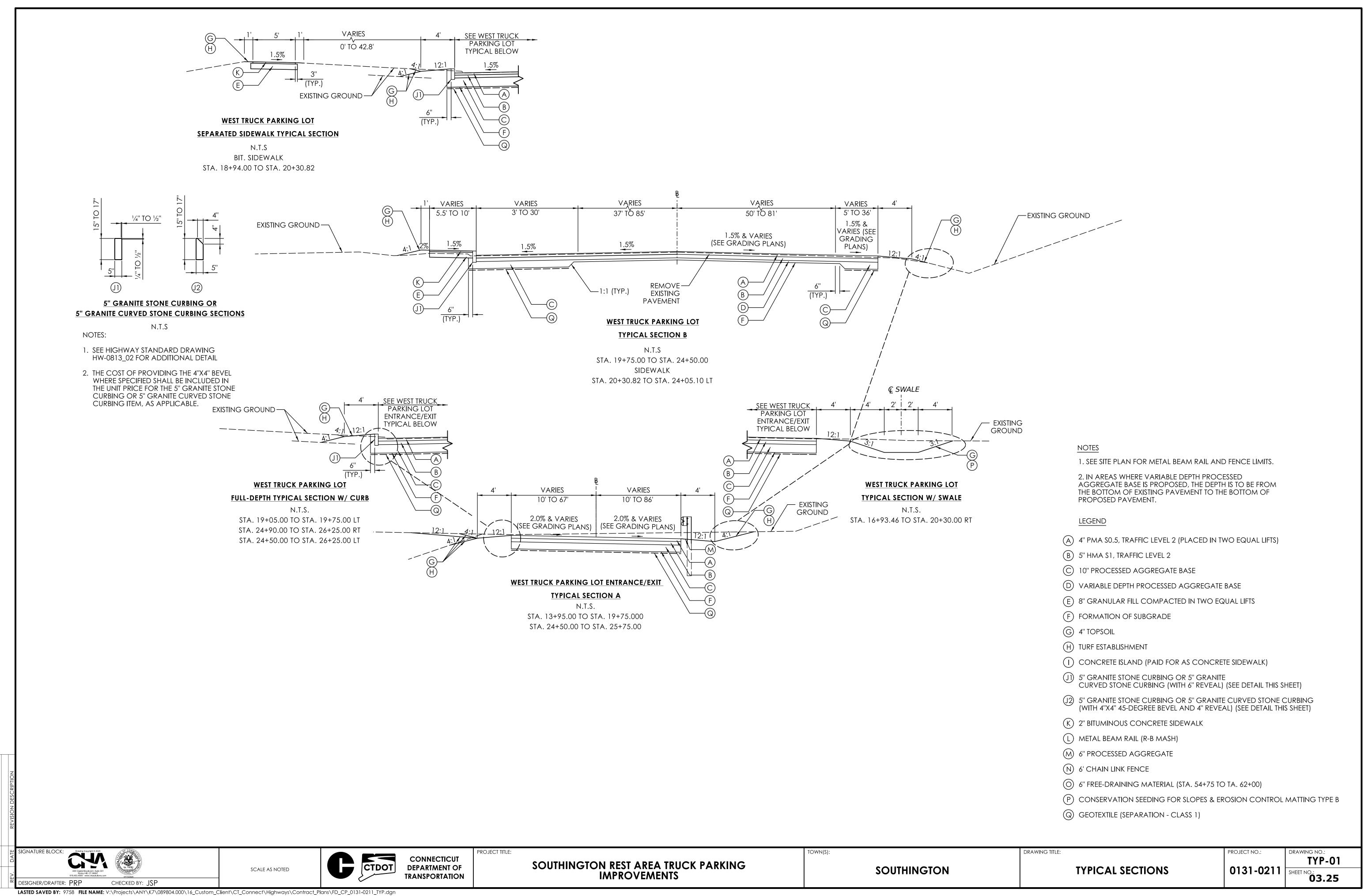
SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

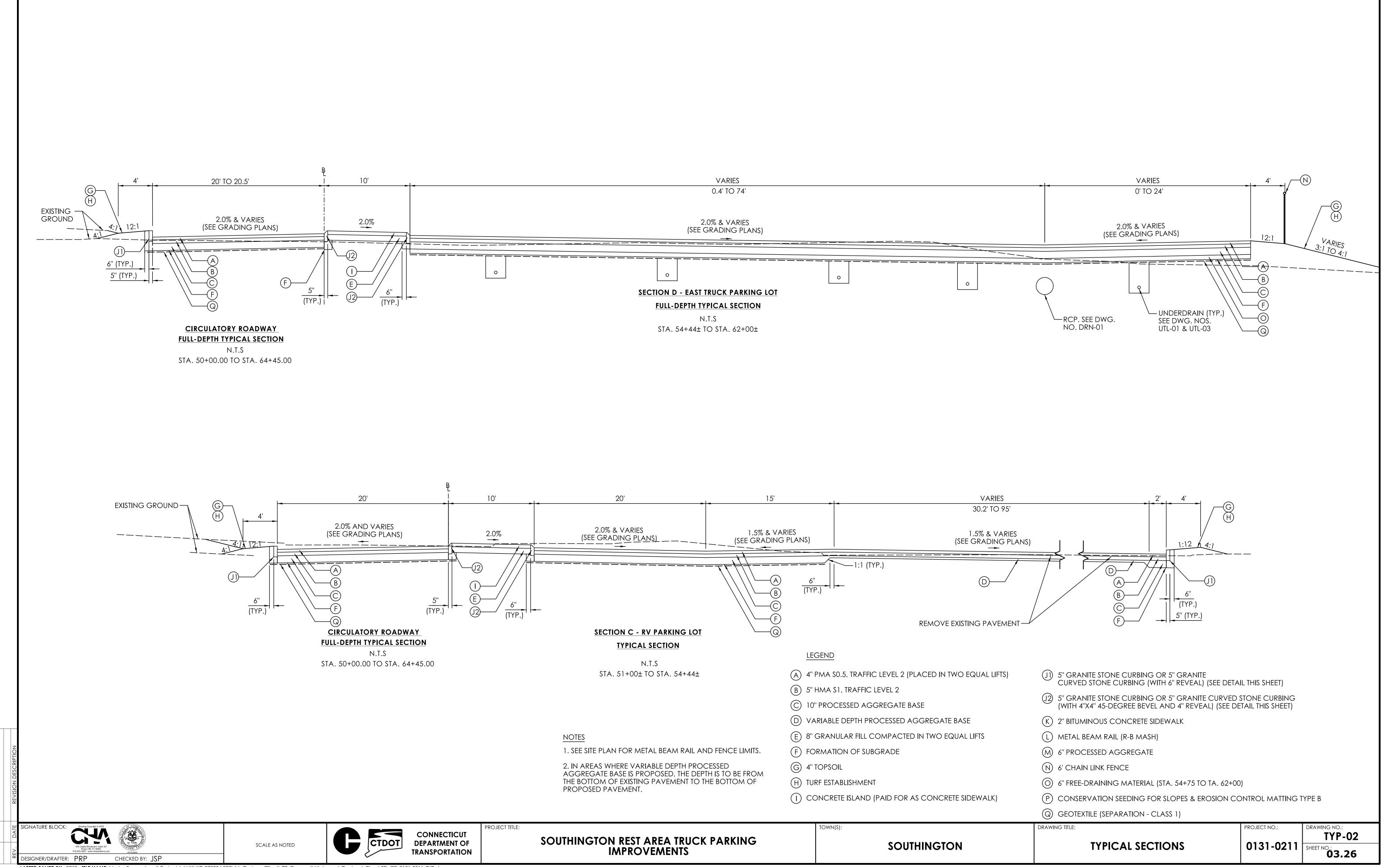
SOUTHINGTON

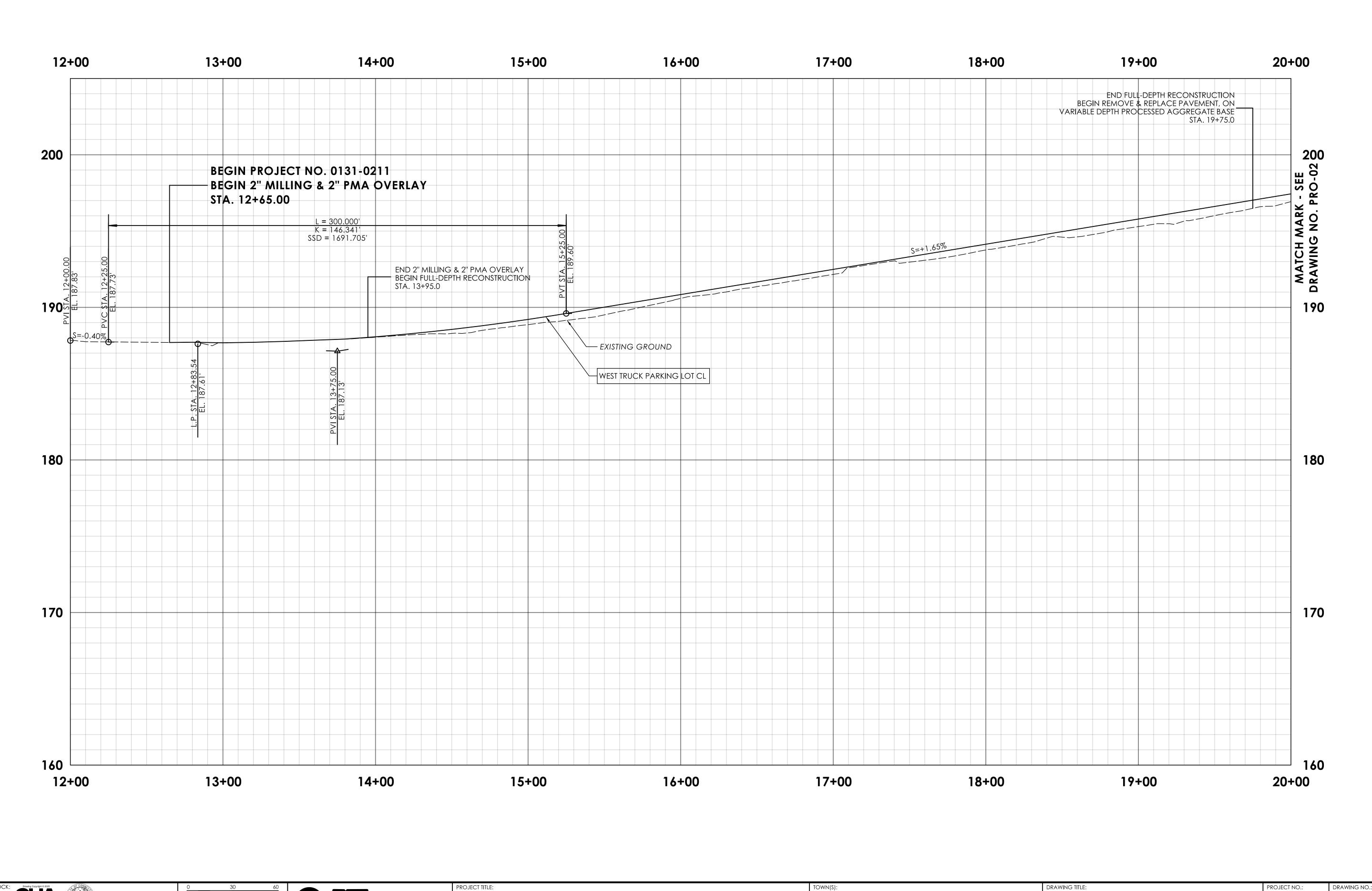
PANEL & LIGHTING SCHEDULES

DRAWING TITLE:

DRAWING NO.:
UTL-04 0131-0211 SHEET NO.: 03.24







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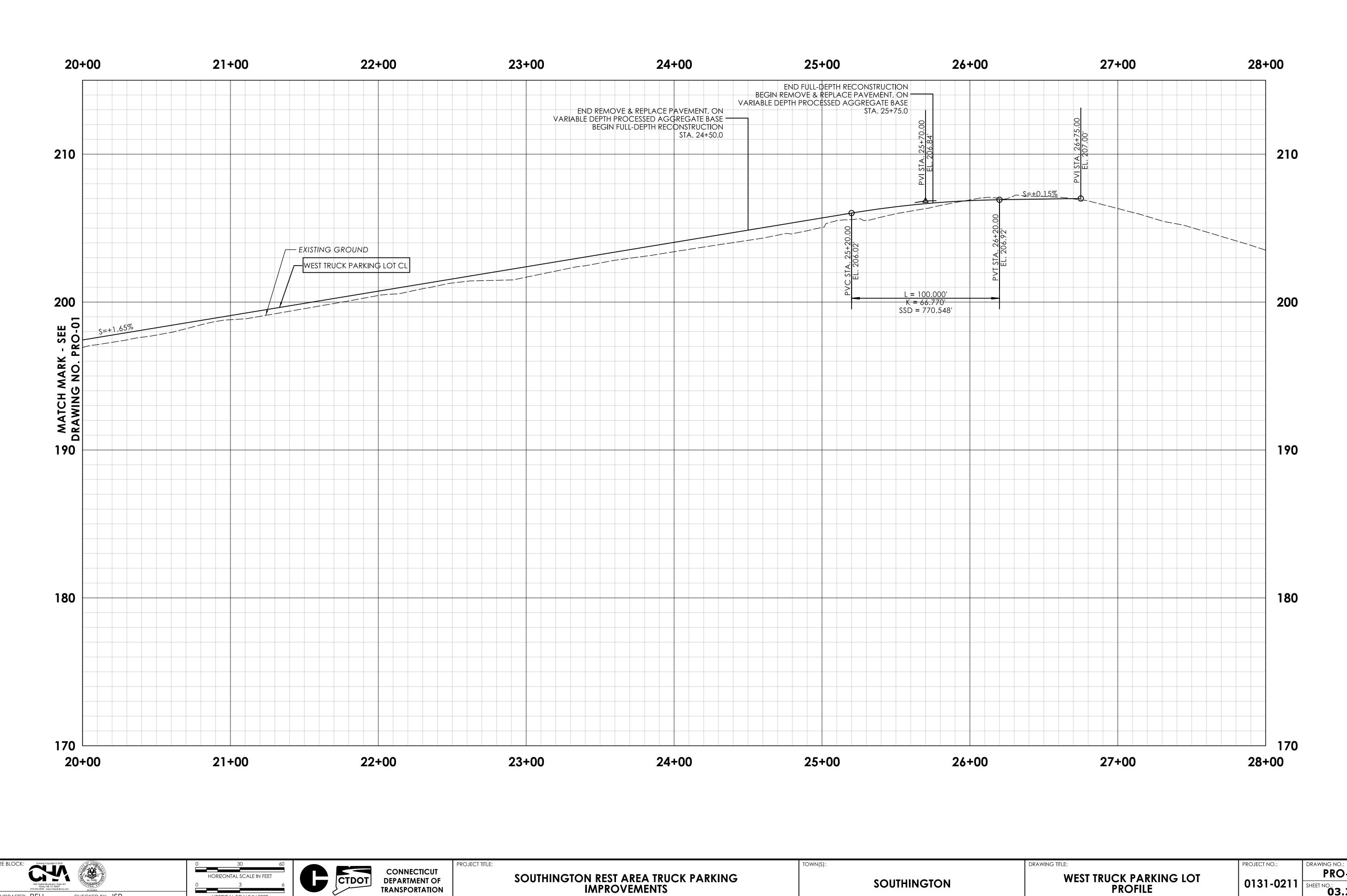
CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

SOUTHINGTON

WEST TRUCK PARKING LOT PROFILE

PRO-01 | 0131-0211 | SHEET NO.: 03.27



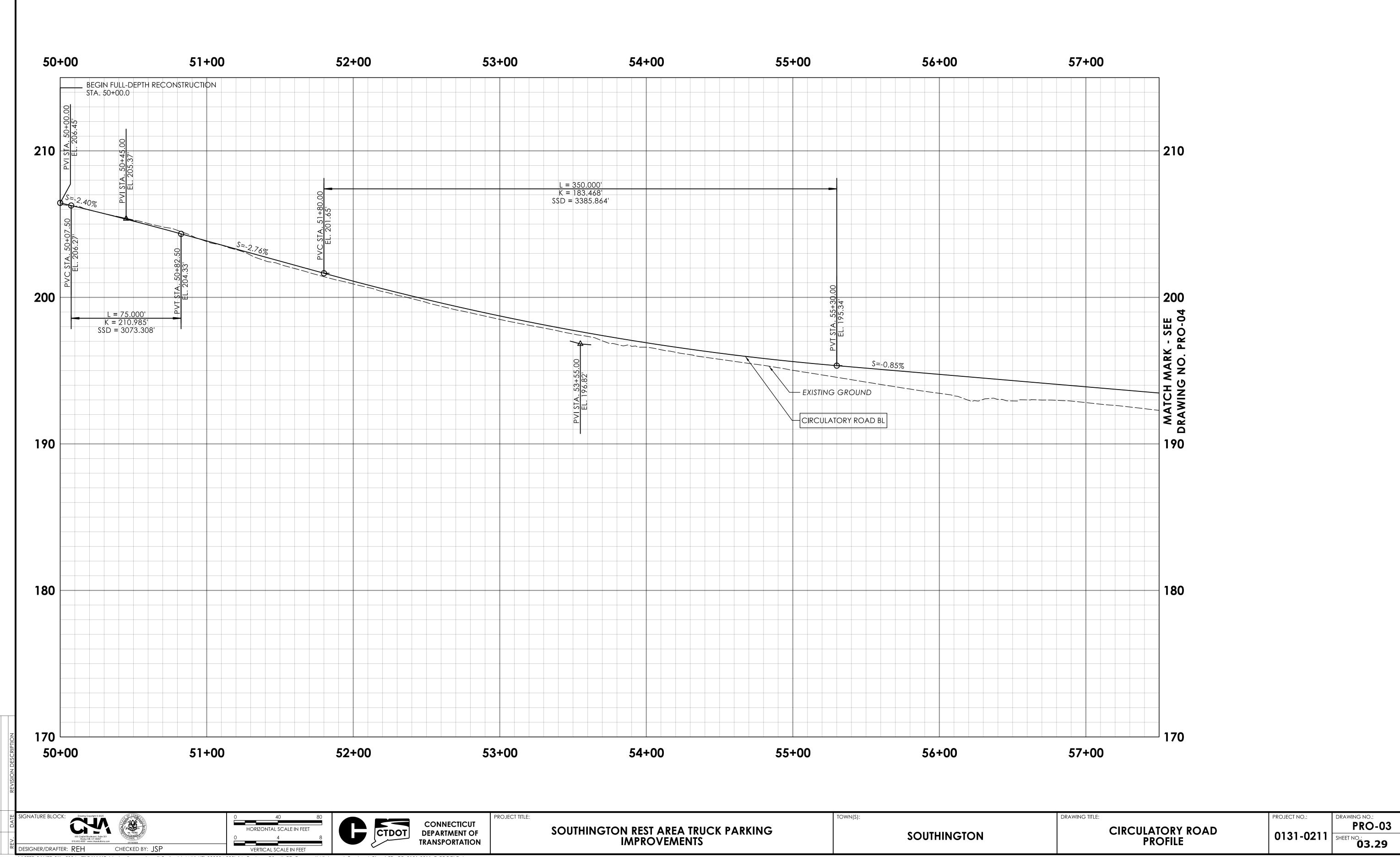
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SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

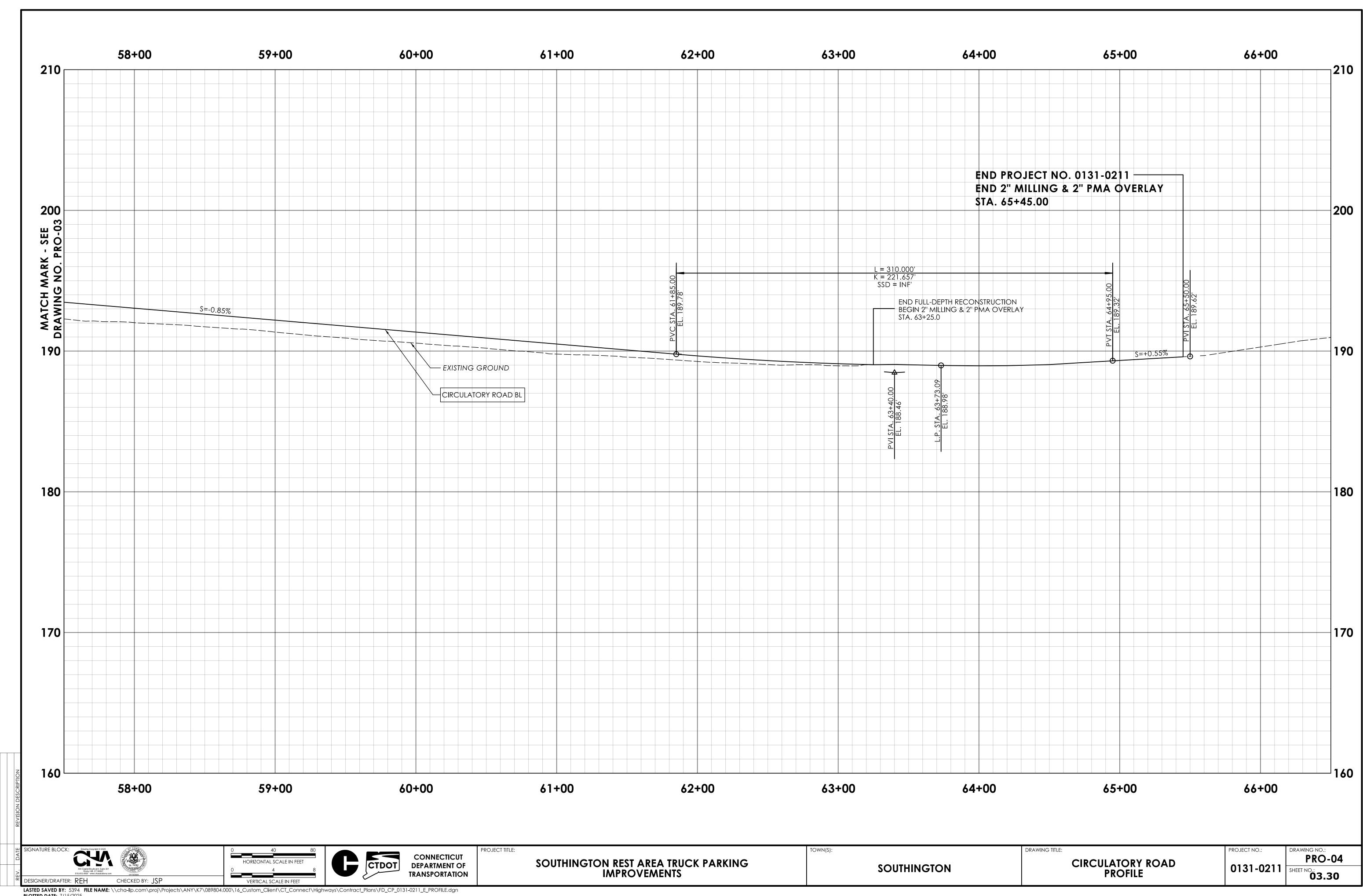
SOUTHINGTON

WEST TRUCK PARKING LOT PROFILE

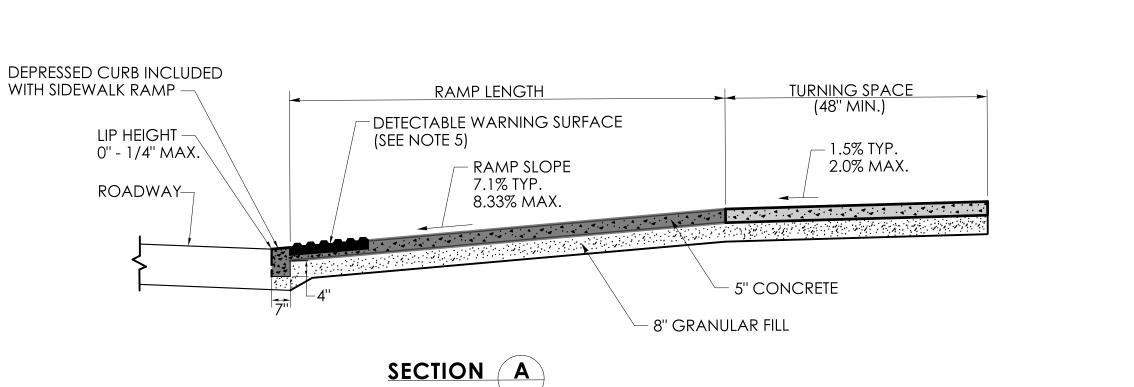
PRO-02 | 0131-0211 | SHEET NO.: 03.28

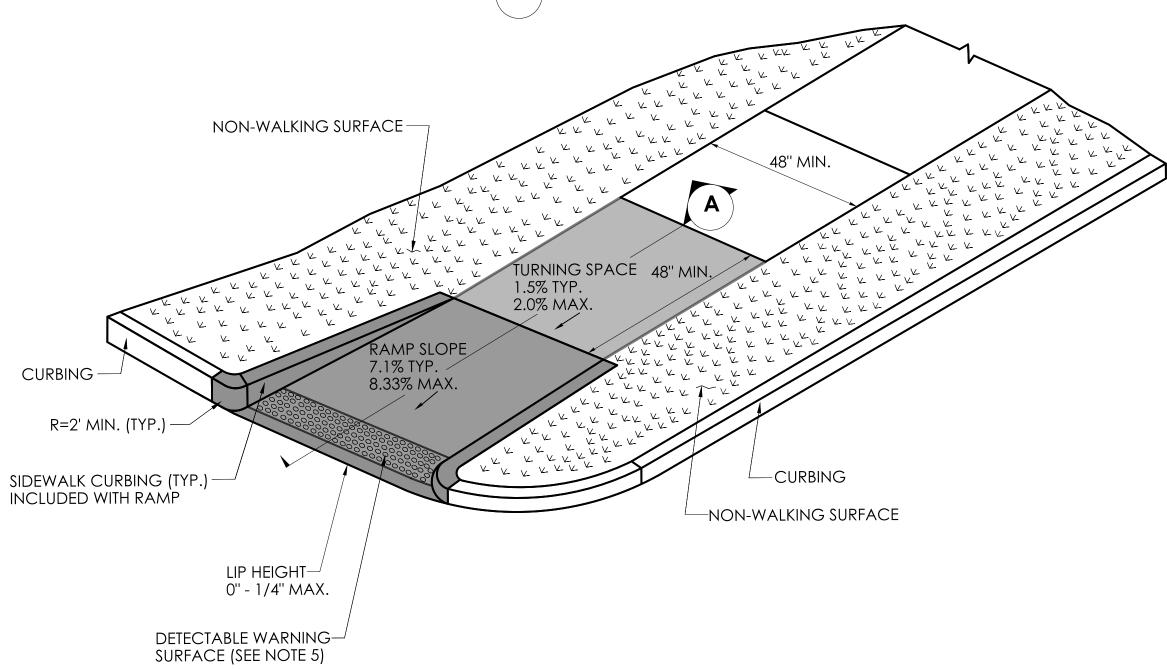


PRO-03



MATCH ROADWAY PROFILE SLOPE URNING SPACE 1.5% TYP. 2.0% MAX. 48" MIN. RAMP WARPING NOTES: . TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE. 2. COMPLETE TRANSITION TO THE ROADWAY PROFILE BEHIND THE DETECTABLE WARNING SURFACE. RAMP WARPING DETAIL





SINGLE DIRECTION PERPENDICULAR RAMP RETURN CURB WITH NON-WALKING SURFACE (TYPE 16)

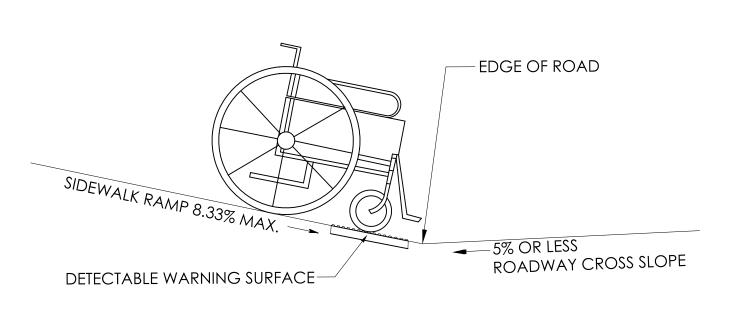
GENERAL NOTES:

- 1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
- 2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED $\frac{1}{4}$ " INCH.
- 3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
- 4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
- 5. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.

ONE OR BOTH ENDS OF THE

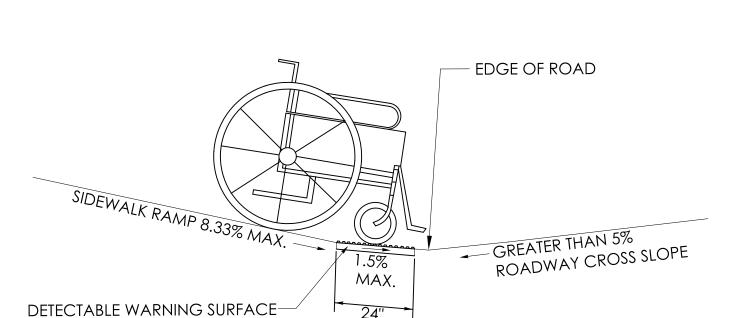
BOTTOM GRADE BREAK ARE GREATER THAN 5' FROM-THE BACK OF THE CURB

- 6. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMLATE WITHIN THE PEDESTRIAN ACCESS ROUTE.
- 7. SIDEWALK RAMP DETAILS ARE SPECIFIED TO MEET PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING RAMPS TO COMPLY WITH PROWAG.

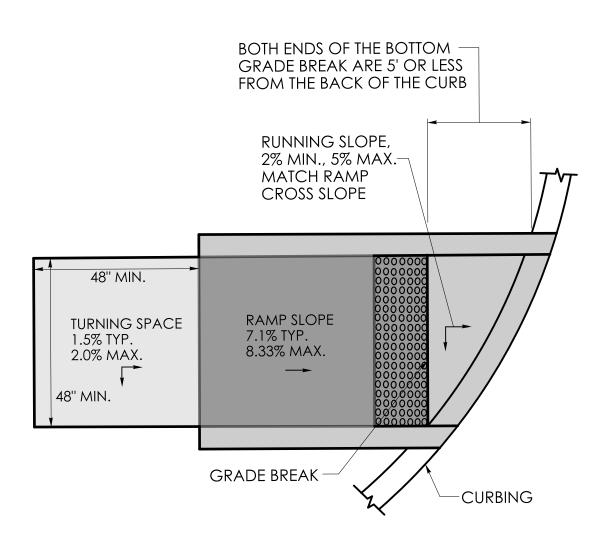


-RUNNING SLOPE, GRADE BREAK -2% MIN., 5% MAX. 48" MIN. RAMP SLOPE 7.1% TYP. TURNING SPACE 1.5% TYP. 8.33% MAX. 2.0% MAX. 48" MIN. CROSS SLOPE--CURBING MATCH RAMP

SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

CTDOT

CONNECTICUT **DEPARTMENT OF TRANSPORTATION** PROJECT TITLE:

SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

SOUTHINGTON

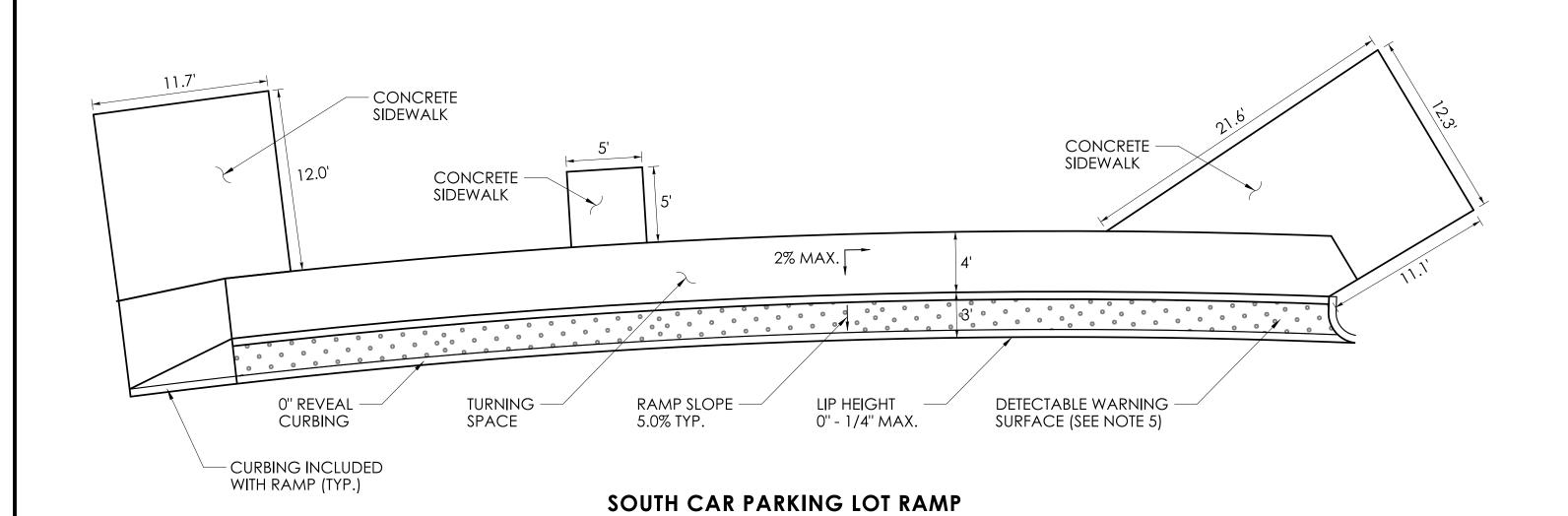
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MISCELLANEOUS DETAILS

MDS-01 | 0131-0211 | SHEET NO.: 03.31

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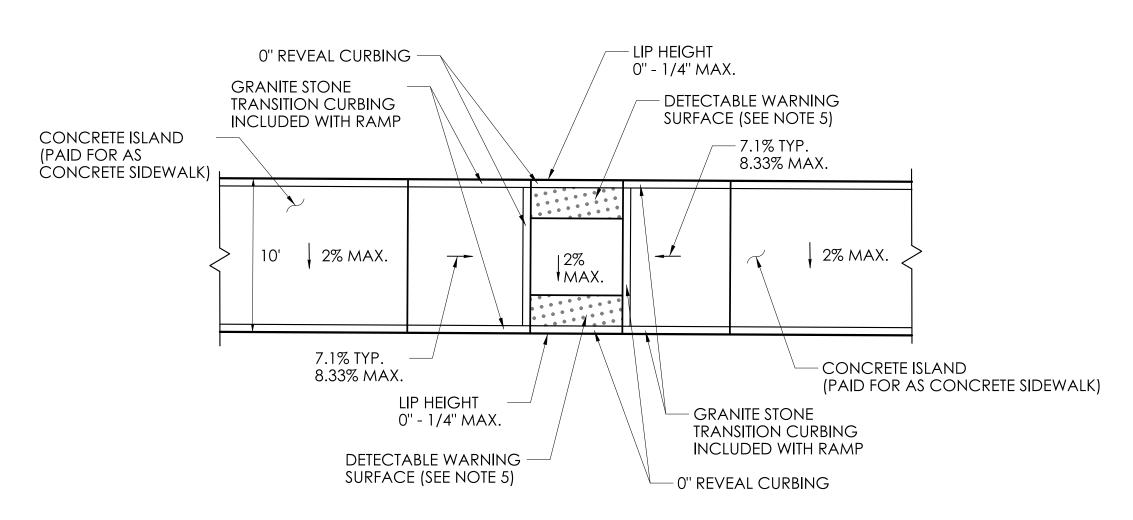
NOT TO SCALE



- LIP HEIGHT 0" - 1/4" MAX. CONCRETE SIDEWALK - 0" REVEAL CURBING DETECTABLE WARNING SURFACE (SEE NOTE 5) CURBING INCLUDED WITH RAMP (TYP.) BITUMINOUS - BITUMINOUS CONCRETE CONCRETE SIDEWALK SIDEWALK †MAX. 8.33% MAX.

NOT TO SCALE

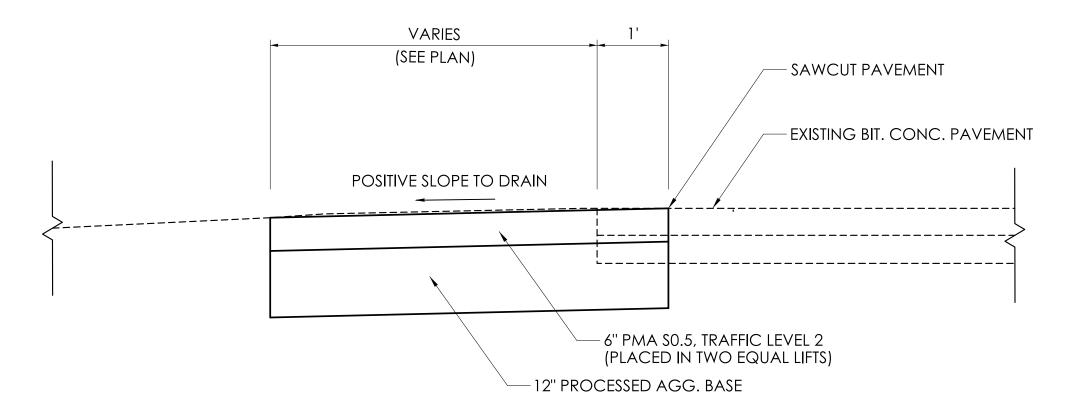
WEST TRUCK PARKING LOT RAMP NOT TO SCALE



CIRCULATORY ROAD ISLAND RAMPS NOT TO SCALE

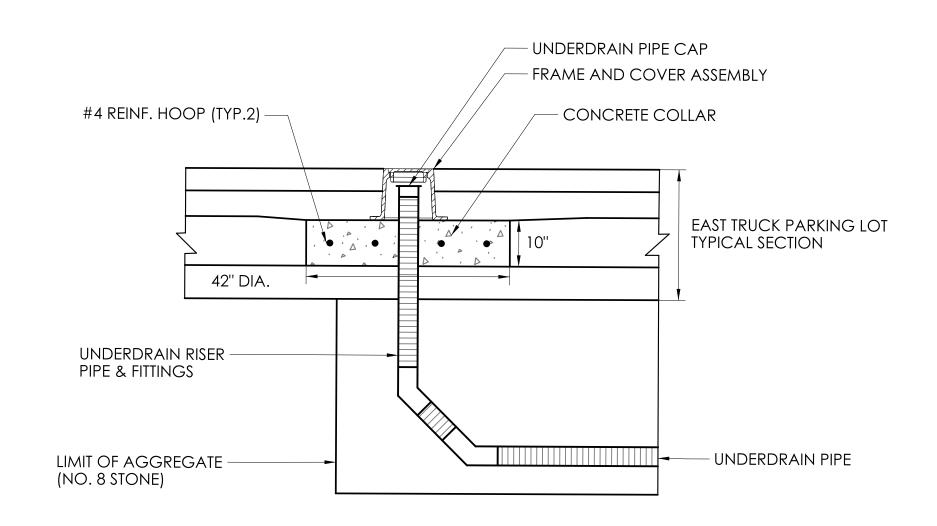
RAMP GENERAL NOTES:

- 1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
- 2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED $\frac{1}{4}$ " INCH.
- 3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
- 4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
- 5. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
- 6. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMLATE WITHIN THE PEDESTRIAN ACCESS ROUTE.
- 7. SIDEWALK RAMP DETAILS ARE SPECIFIED TO MEET PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING RAMPS TO COMPLY WITH PROWAG.
- 8. TURNING SPACES AND LEVEL LANDINGS PAID FOR AS CONCRETE SIDEWALK RAMP.



TEMPORARY PAVEMENT DETAIL

NOT TO SCALE



UNDERDRAIN CLEANOUT DETAIL

NOT TO SCALE

NOTE: SEE DWG. NOS. UTL-01 & UTL-03 FOR UNDERDRAIN AND RISER PIPE SIZES.

DRAWING TITLE:

IGNATURE BLOCK:

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518.453.4500 - www.chasolutions.com

C CTDOT

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

SOUTHINGTON

MISCELLANEOUS DETAILS

PROJECT NO.:

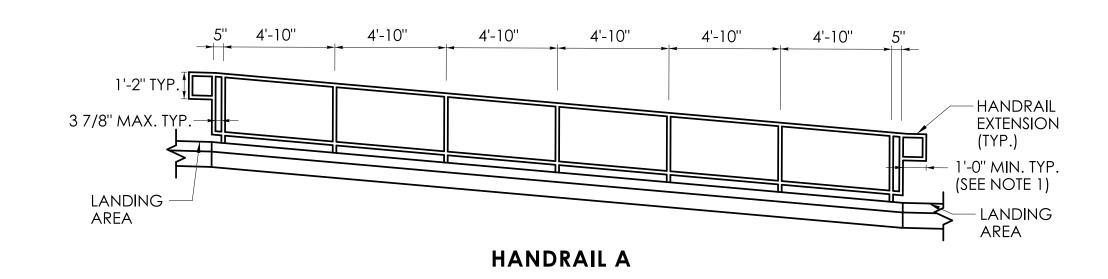
MDS-02

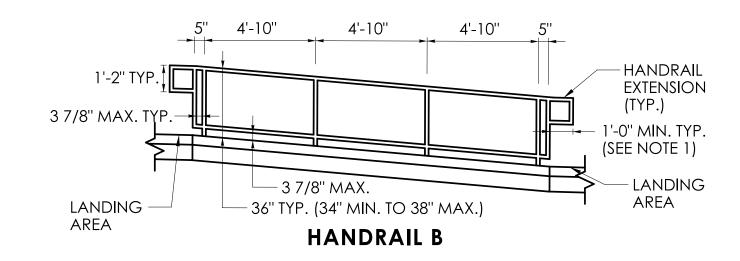
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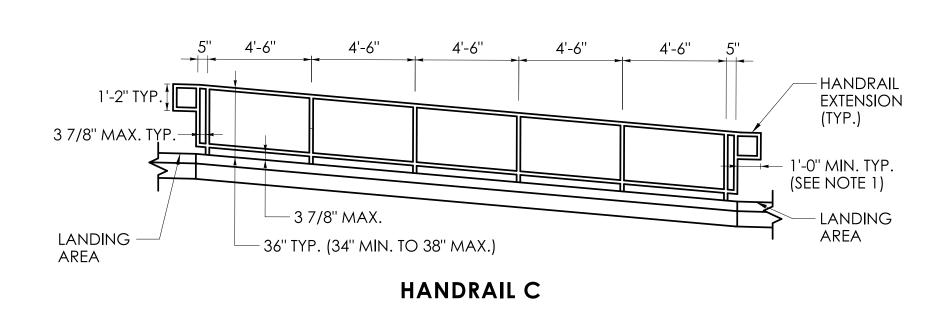
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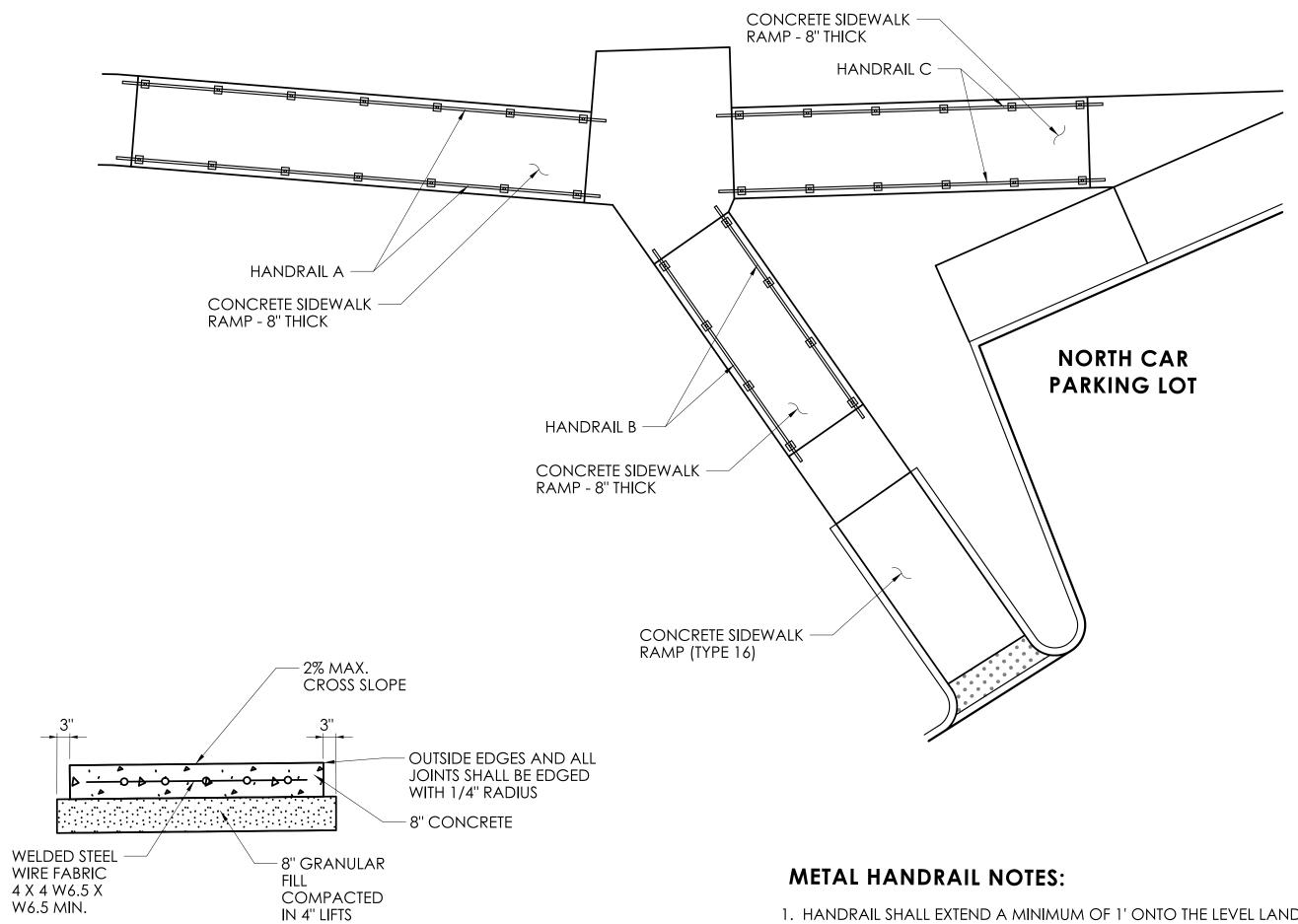
SCALE AS NOTED







METAL HANDRAIL ELEVATION DETAILS NOT TO SCALE



- 1. HANDRAIL SHALL EXTEND A MINIMUM OF 1' ONTO THE LEVEL LANDING AREA. IF THE HANDRAIL EXTENSION IS FABRICATED WITH A RADIUS BEND ALONG THE TOP RAIL, THE 1' DIMENSION SHALL BE MEASURED TO THE START OF THE BEND.
- 2. CLEAR WIDTH BETWEEN HANDRAILS SHALL BE 5'.
- 3. SPACING BETWEEN POSTS SHALL NOT EXCEED 5'.
- 4. POSTS SHALL BE SURFACE MOUNTED TO THE CONCRETE SIDEWALK RAMP USING 6"X6"X1/2" BASE PLATES. A MINIMUM 4" EDGE DISTANCE SHALL BE PROVIDED BETWEEN ANCHORS AND EDGE AT JOINTS.

CONCRETE SIDEWALK RAMP - 8" THICK NOTES:

- 1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
- 2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4".
- 3. THE RUNNING SLOPE OF THE RAMP SHALL NOT EXCEED 8.33%.
- 4. EXPANSION JOINTS SHALL BE INSTALLED AT THE LIMITS OF ALL RAMPS AND AT A MAXIMUM SPACING OF 15' ON CENTER. DUMMY JOINTS SHALL BE PLACED AT A MAXIMUM SPACING OF 5' ON CENTER, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.



CONNECTICUT **DEPARTMENT OF TRANSPORTATION** PROJECT TITLE: SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

CONCRETE SIDEWALK

RAMP - 8" THICK DETAIL

NOT TO SCALE

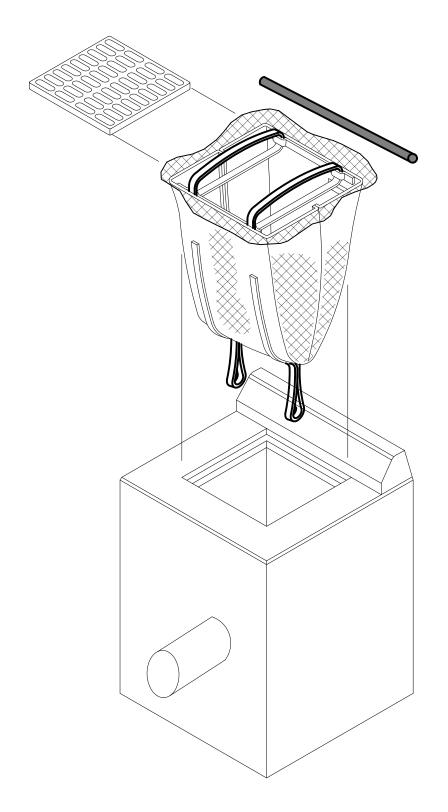
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PROJECT NO.: **MDS-03** | 0131-0211 | SHEET NO.: 03.33

MISCELLANEOUS DETAILS

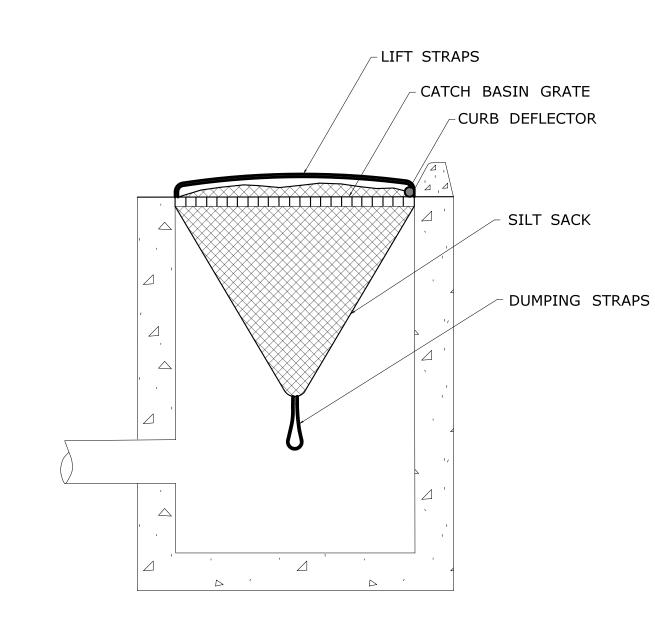
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NOT TO SCALE



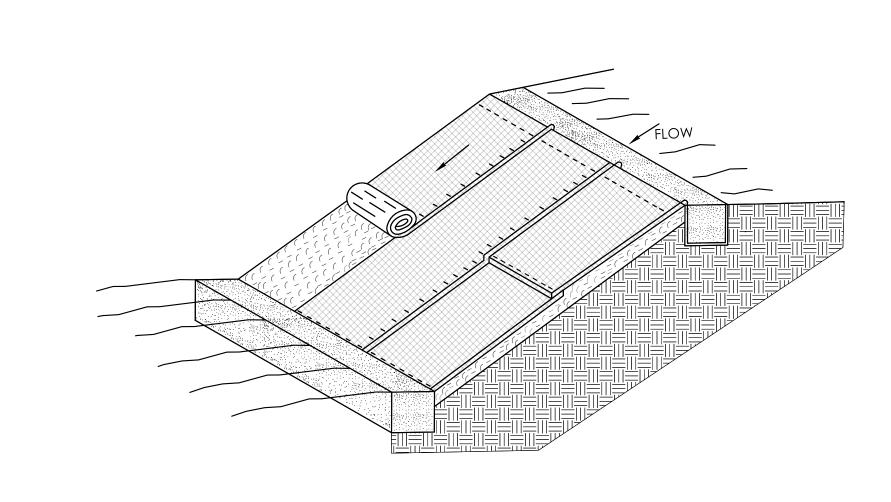
INLET SEDIMENT CONTROL DEVICE AT TYPE "C" OR "C-L" CATCH BASIN

NOTE: THIS ITEM WILL BE MEASURED BY EACH SEDIMENT CONTROL SYSTEM AT CATCH BASIN.

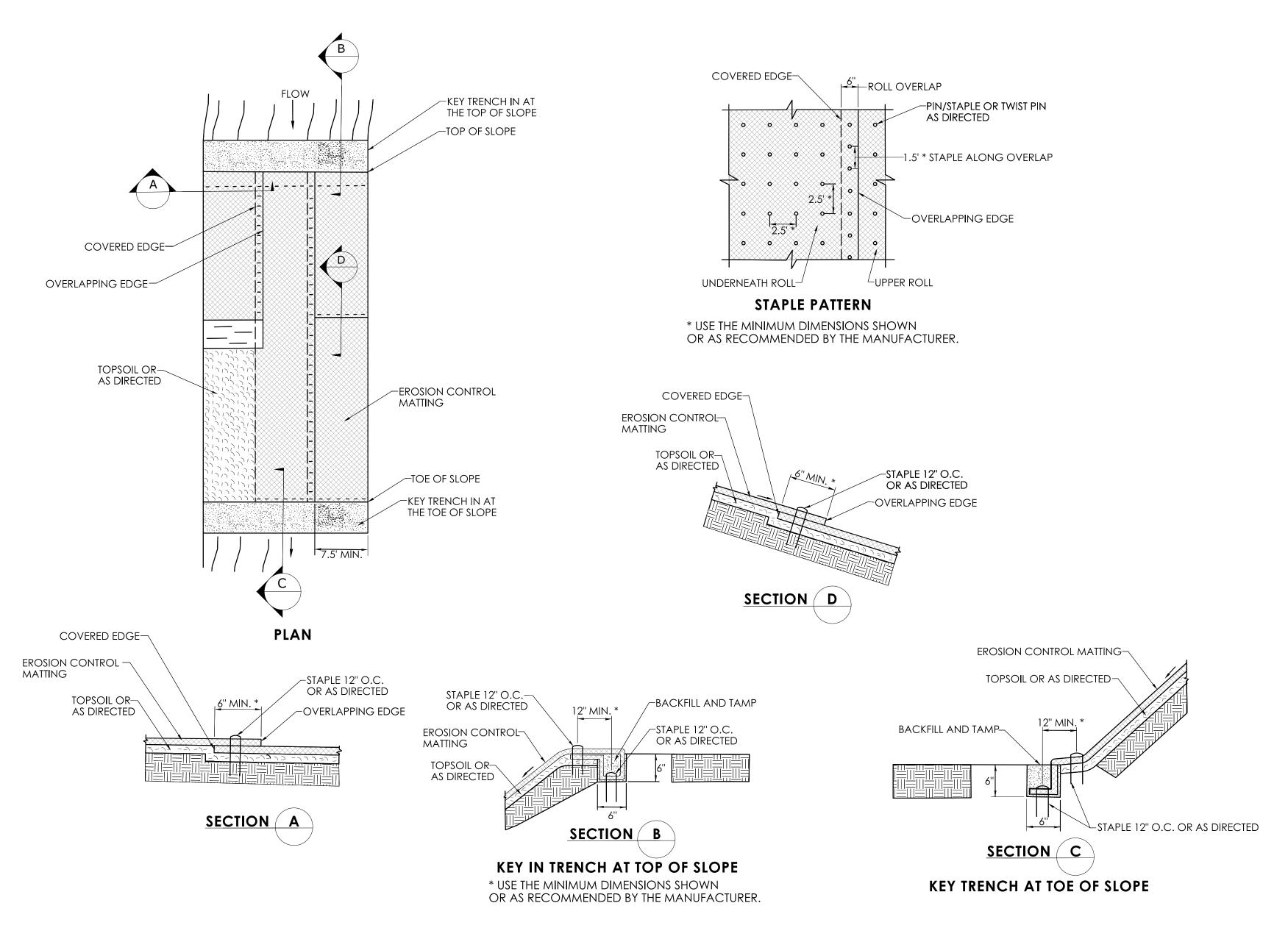


SECTION

EROSION CONTROL MEASURES AT CATCH BASINS



TYPICAL EROSION CONTROL MATTING



MCA

MARTINEZ COUCH & ASSOCIATES, LLC

NOT TO SCALE



CONNECTICUT DEPARTMENT OF TRANSPORTATION PROJECT TITLE:

SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

SOUTHINGTON

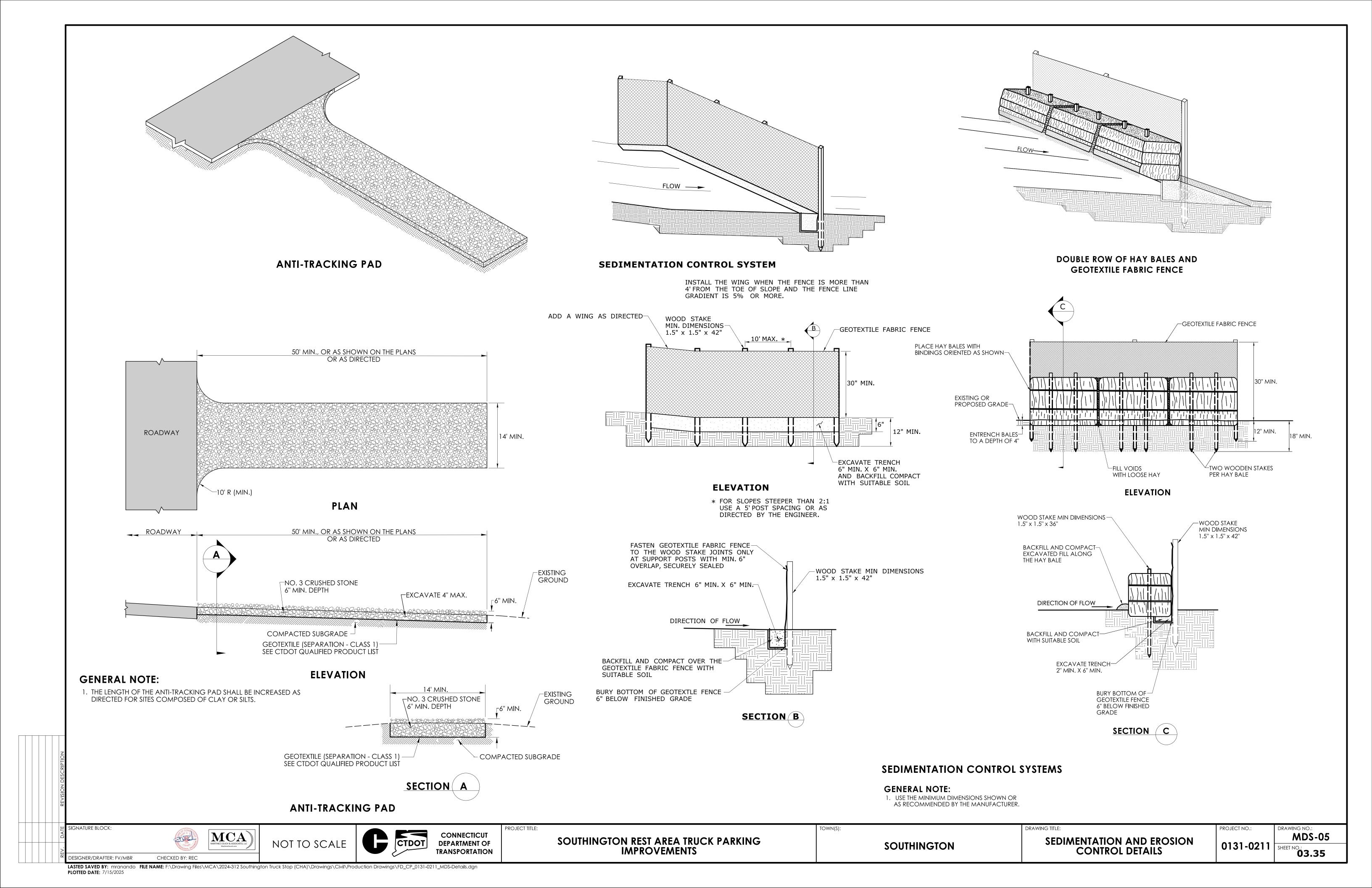
EROSION CONTROL MATTING

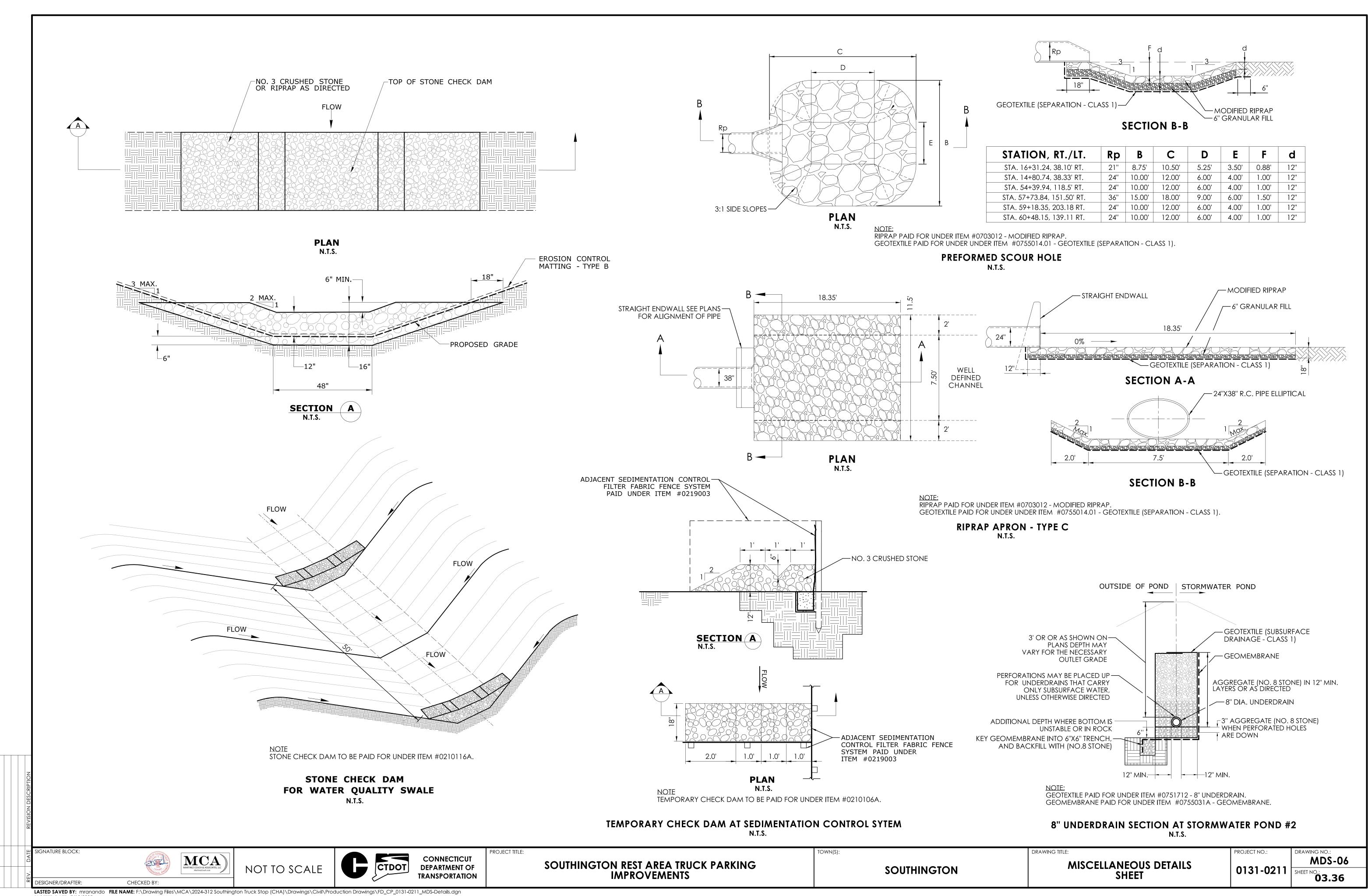
DRAWING TITLE: SEDIMENTATION AND EROSION CONTROL DETAILS

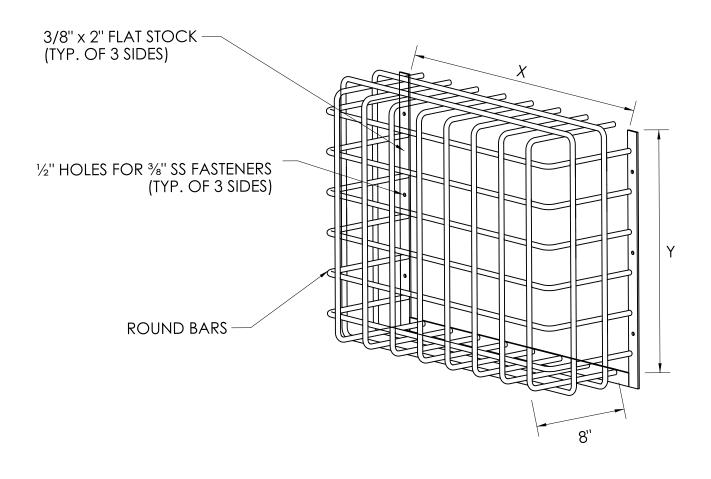
MDS-04 | 0131-0211 | SHEET NO.: 03.34

DESIGNER/DRAFTER: FV/MBR LASTED SAVED BY: mranando FILE NAME: F:\Drawing Files\MCA\2024-312 Southington Truck Stop (CHA)\Drawings\Civil\Production Drawings\FD_CP_0131-0211_MDS-Details.dgn PLOTTED DATE: 7/15/2025

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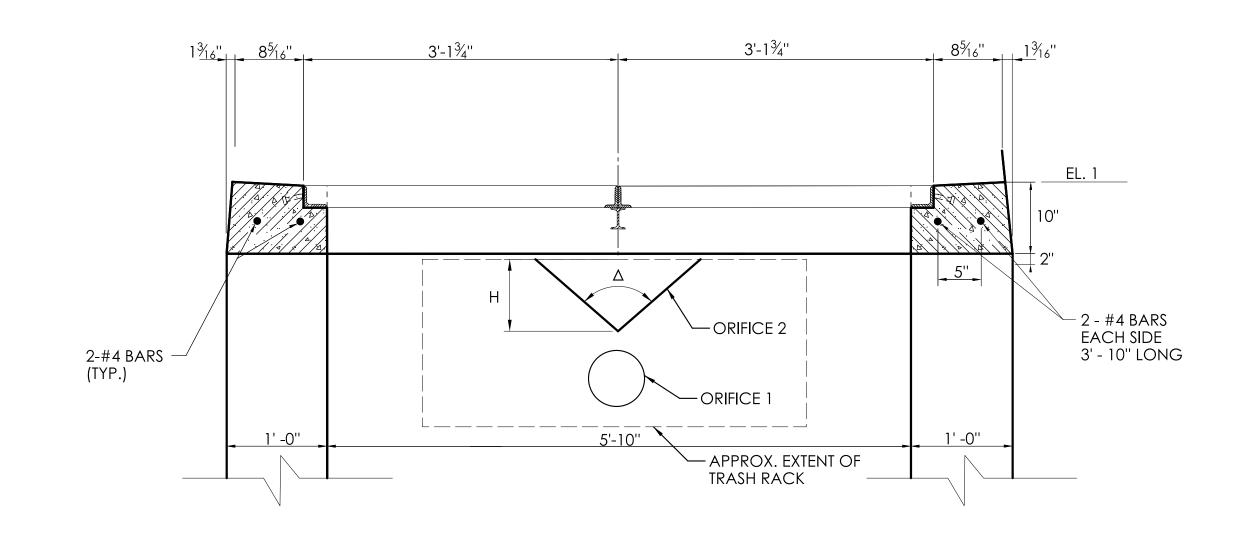


CATCH BASIN	X	Y
STA. 15+50.92, 33.22' RT.	24"	24"
STA. 16+93.46, 22.96 RT.	24"	16"
STA. 55+17.65, 116.60' RT.	42''	24"
STA. 59+15.20, 172.26' RT.	42"	24"

TRASH RACK FOR SPECIAL TYPE 'C-L' CATCH DOUBLE GRATE TYPE II BASIN DETAIL

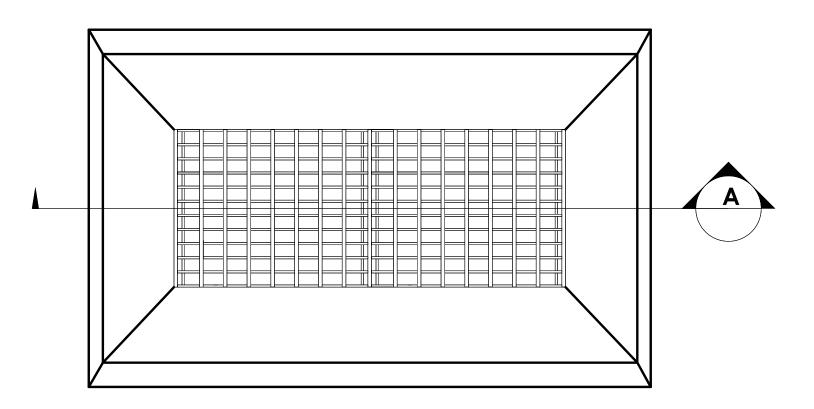
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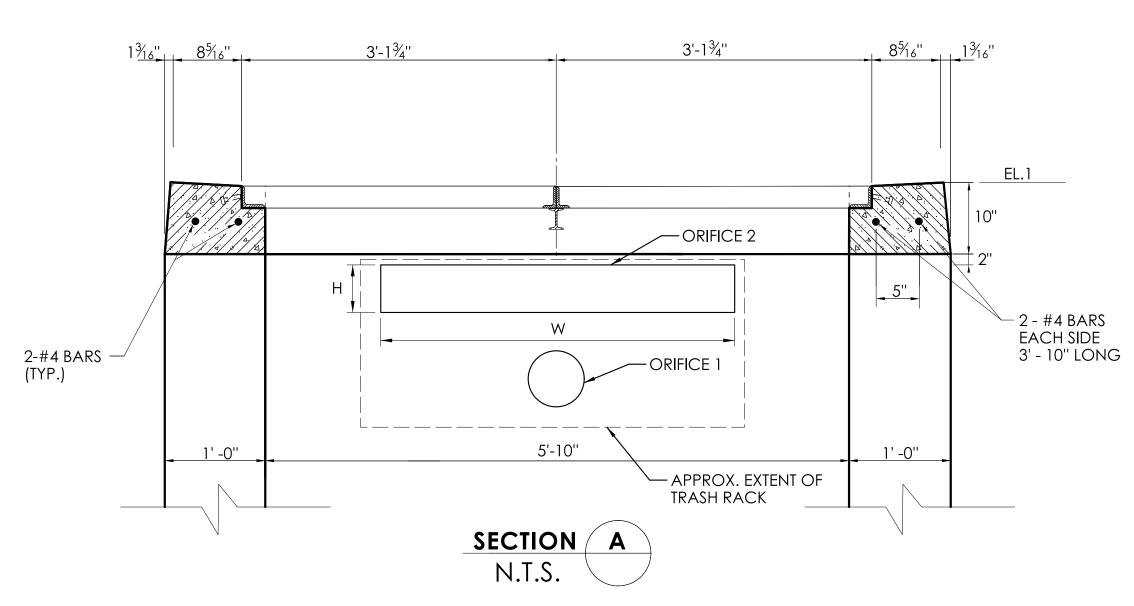
TRASH RACK NOTES FASTEN TO CONCRETE STRUCTURE WITH %" STAINLESS STEEL CONCRETE WEDGE ANCHORS AT 18" MAX. SPACING AND 2" MINIMUM NOMINAL EMBEDMENT. HOLE LOCATIONS SHALL BE SET TO PROVIDE THE MANUFACTURER'S MINIMUM EDGE DISTANCE FROM THE EDGES OF CONCRETE. TRASH RACK PAID FOR UNDER ITEM #0586886.01A.



	ORIFI	CE #1	(ORIFICE #2	2	
CATCH BASIN	INV.	Ø	INV.	Н	Δ	EL.1
STA. 15+50.92, 33.28' RT.	188.5	4"	189.5	6''	45°	190.0
STA. 16+93.46, 22.96 RT.	N/A	N/A	189.0	12"	45°	191.33

SPECIAL TYPE 'C-L' CATCH BASIN DOUBLE GRATE TYPE II WITH V-NOTCH & CIRCULAR ORIFICE DETAILS N.T.S.





	ORIFI	CE #1		ORIFICE #2	2	
CATCH BASIN	INV.	Ø	INV.	Н	W	EL.1
STA. = 55+17.65, 116.60' RT.	191'	4''	192'	6"	36"	193'
STA. = 59+15.21, 172.26' RT.	184.5'	6"	185.5'	6"	36"	186.5'

SPECIAL TYPE 'C-L' CATCH BASIN DOUBLE GRATE TYPE II WITH RECTANGULAR & CIRCULAR ORIFICE DETAILS N.T.S.

MARTINEZ COUCH & ASSOCIATES, LLC

NOT TO SCALE

CTDOT

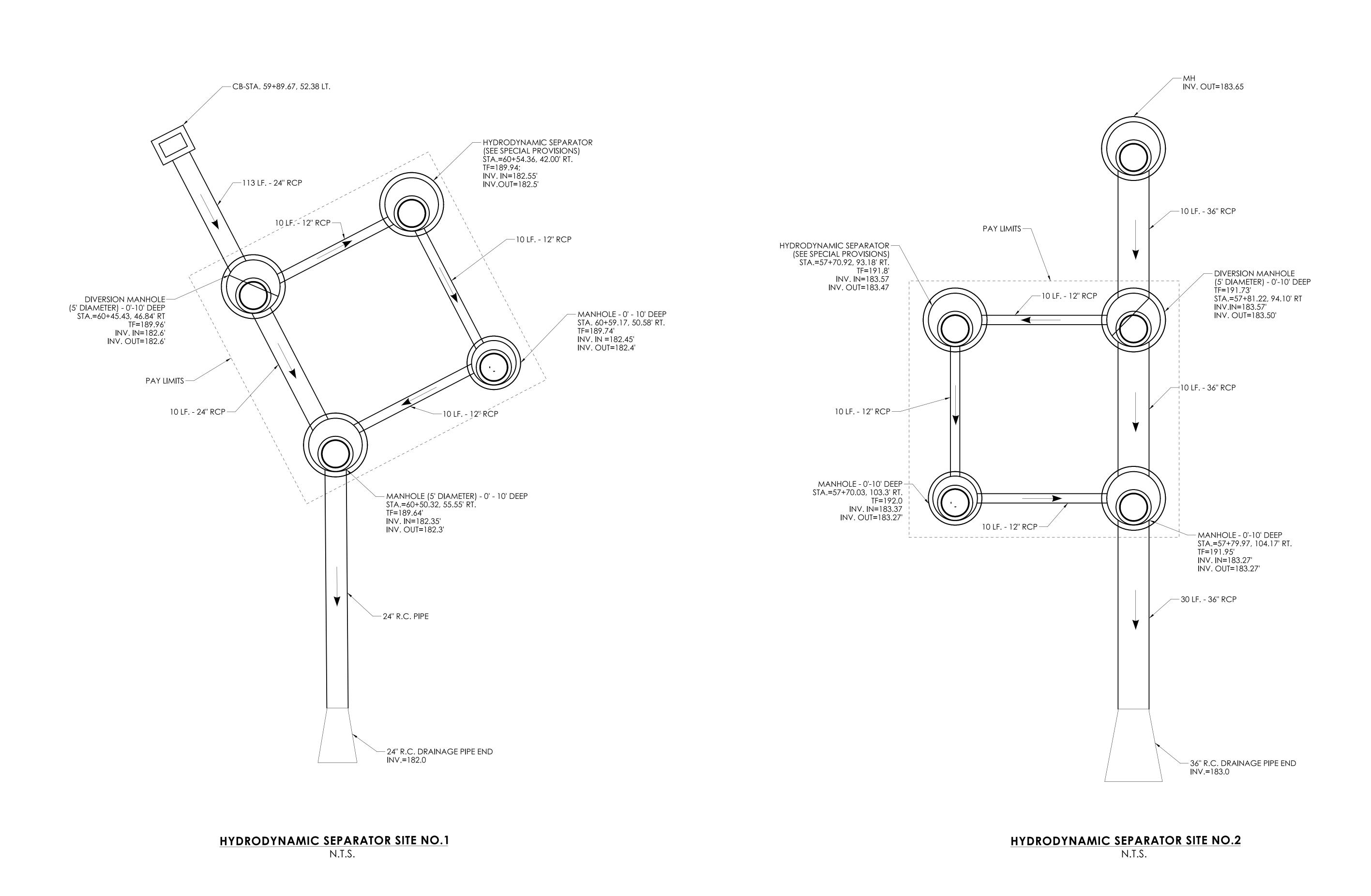
CONNECTICUT DEPARTMENT OF TRANSPORTATION

SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

SOUTHINGTON

DRAWING TITLE: MISCELLANEOUS DETAILS SHEET

MDS-07 | 0131-0211 | SHEET NO.: 03.37



SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

DRAWING TITLE:

SOUTHINGTON

MISCELLANEOUS DETAILS SHEET

MDS-08

| 0131-0211 | SHEET NO.: 03.38

NOT TO SCALE

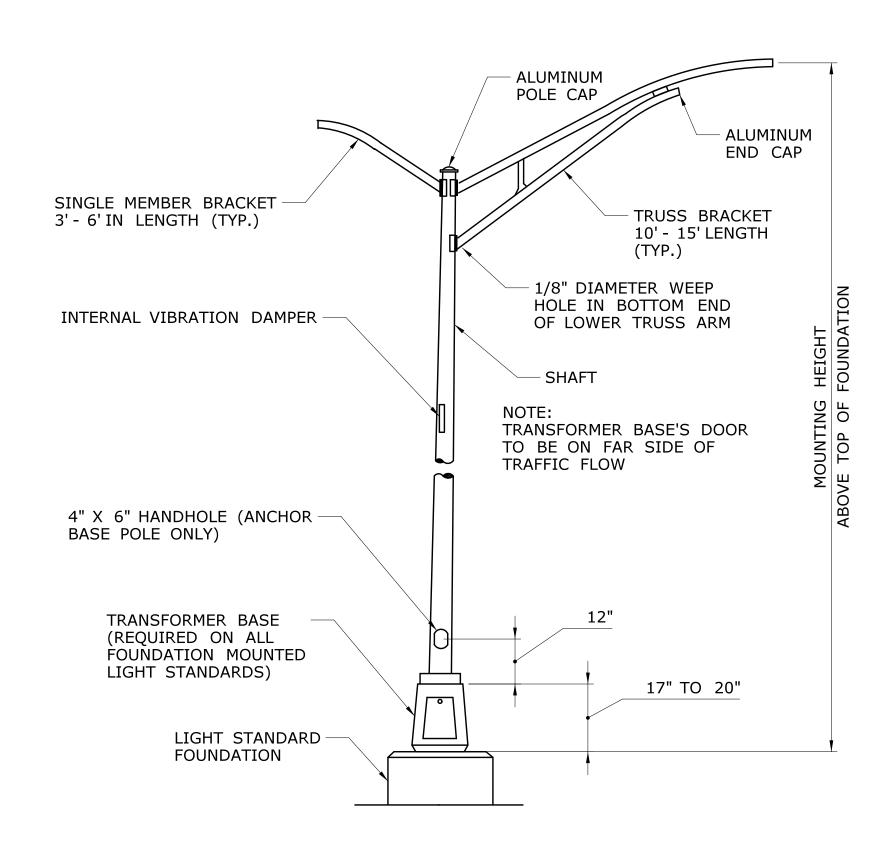
CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

СТРОТ

MARTINEZ COUCH & ASSOCIATES, LLC
Martinez Couch.com

SIGNATURE BLOCK:

DESIGNER/DRAFTER:

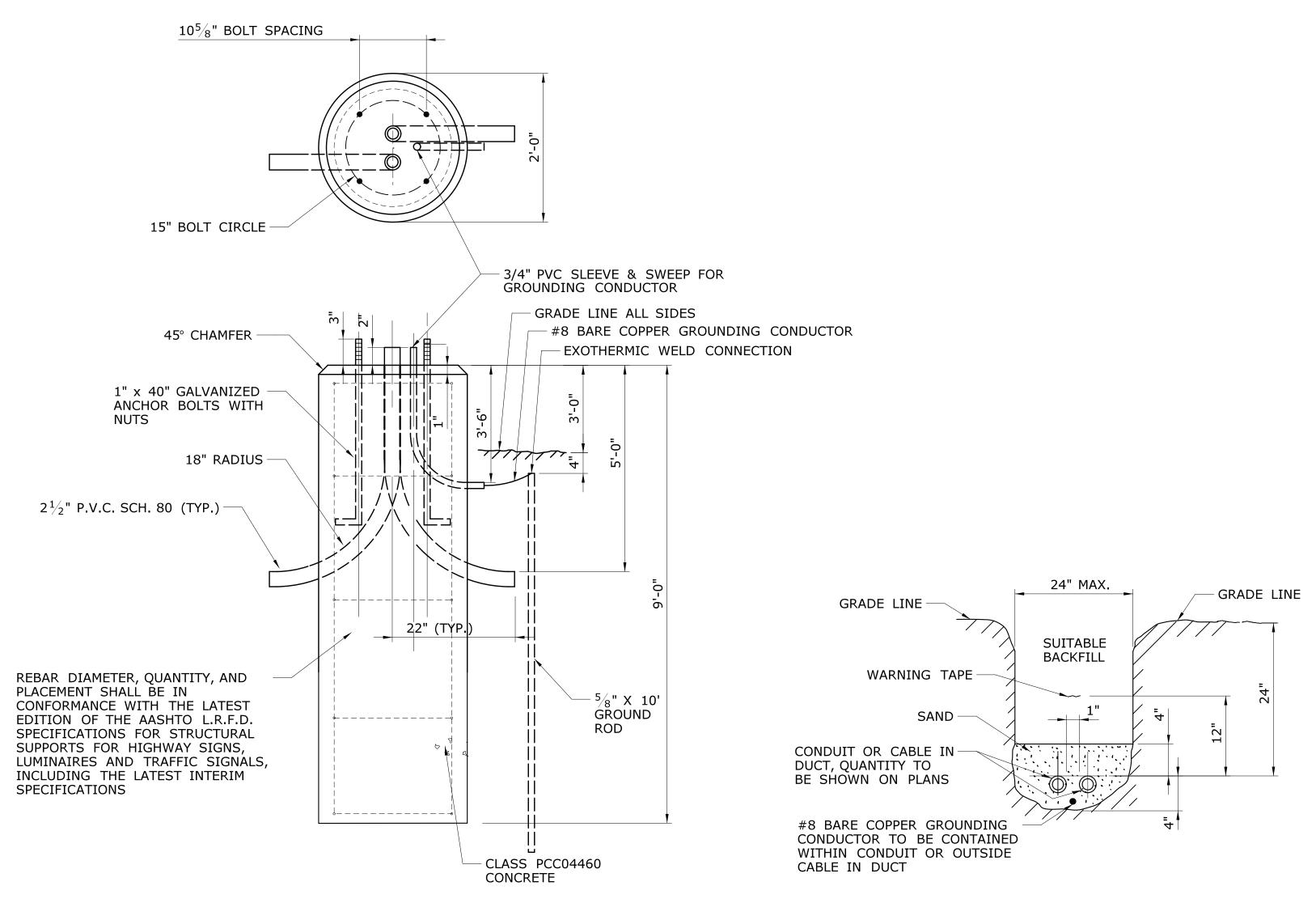


ALUMINUM LIGHT STANDARD

		ALUMINU	IM LIGH	IT STANDARD	- DIMENSIO	N TABLE	
MOUNTING	BRACKET	SHAFT D		SHAFT WALL	BASE TYPE	ANCHOR BOLT	BOLT CIRCLE
HEIGHT	LENGTH	воттом	TOP	THICKNESS	DAGE TITE	SIZE	DIAMETER
30'	6'	8"	6"	0.156"	TRANSFORMER	1"	15"
35'	6'	8"	6"	0.188"	TRANSFORMER	1"	15"

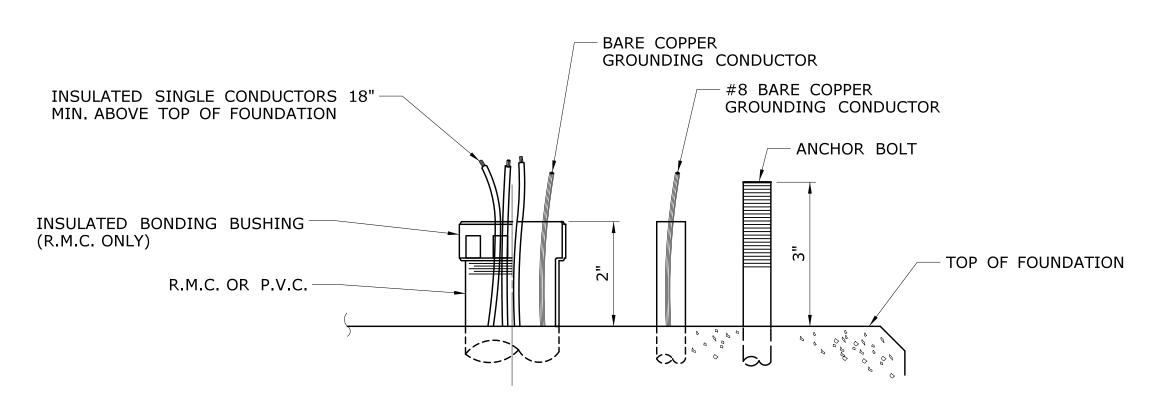
LIGHT STANDARD NOTES:

- ALUMINUM ALLOY SHALL BE 6063, T6 TEMPER.
- BOLT CIRCLE SHOWN IS FOR ANCHOR BASE BOTTOM OR TRANSFORMER BASE BOTTOM (WHICHEVER IS APPLICABLE).
- 3) TO BE DESIGNED TO AASHTO "STANDARD SPECIFICATION FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" FOR 90 M.P.H. WINDS.
- WELDING DESIGN AND FABRICATION SHALL CONFORM TO THE LATEST EDITION OF THE ANSI/AWS D1.2, STRUCTURAL WELDING CODE - ALUMINUM.
- 5) FOR BASE CONNECTION WELDS, FABRICATION INSPECTION AND TESTING SHALL BE PERFORMED AS NECESSARY PRIOR TO ASSEMBLY, DURING ASSEMBLY, DURING WELDING, AND AFTER WELDING, TO ENSURE THAT MATERIALS AND WORKMANSHIP MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. FABRICATION INSPECTION AND TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFICATION INSPECTION AND TESTING IS THE PREROGATIVE OF THE ENGINEER (CTDOT).
- NON-DESTRUCTIVE TESTING FOR ALUMINUM SHALL BE AS FOLLOWS: A RANDOM 25% OF ALL BASE CONNECTION WELDS SHALL BE INSPECTED IN ACCORDANCE WITH ASTM E-165 STANDARD PRACTICE FOR LIQUID PENETRANT INSPECTION METHOD.



LIGHT STANDARD FOUNDATION - TYPE I (MODIFIED) (FOR PARKING LOT LIGHT STANDARDS)

BURIED CONDUIT OR CABLE IN DUCT



CONDUIT TERMINATION AT LIGHT STANDARD BASE

NOT TO SCALE

CONNECTICUT CTDOT **DEPARTMENT OF TRANSPORTATION**

PROJECT TITLE: SOUTHINGTON REST AREA TRUCK PARKING **IMPROVEMENTS**

SOUTHINGTON

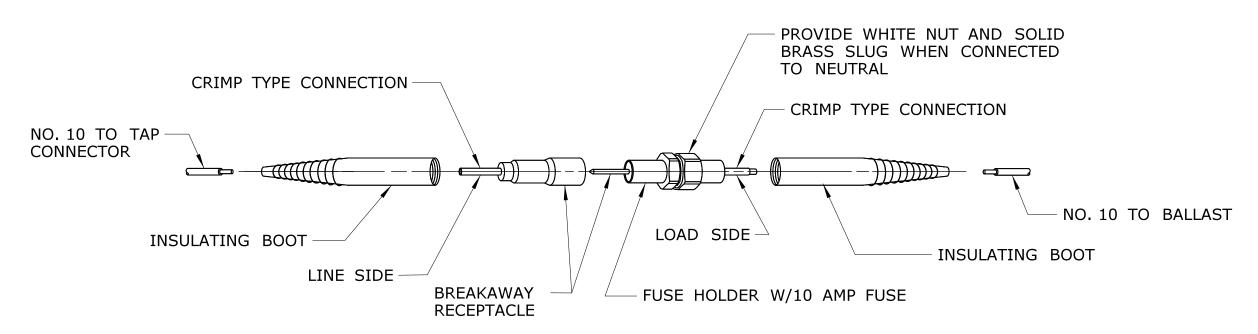
FOWN(S):

MISCELLANEOUS DETAILS

DRAWING TITLE:

MDS-09 0131-0211 SHEET NO.: 03.39

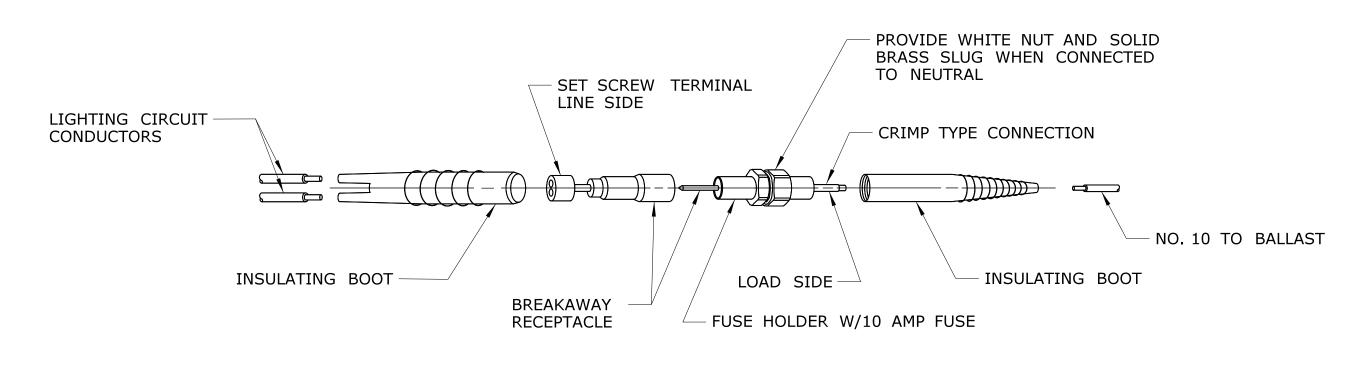
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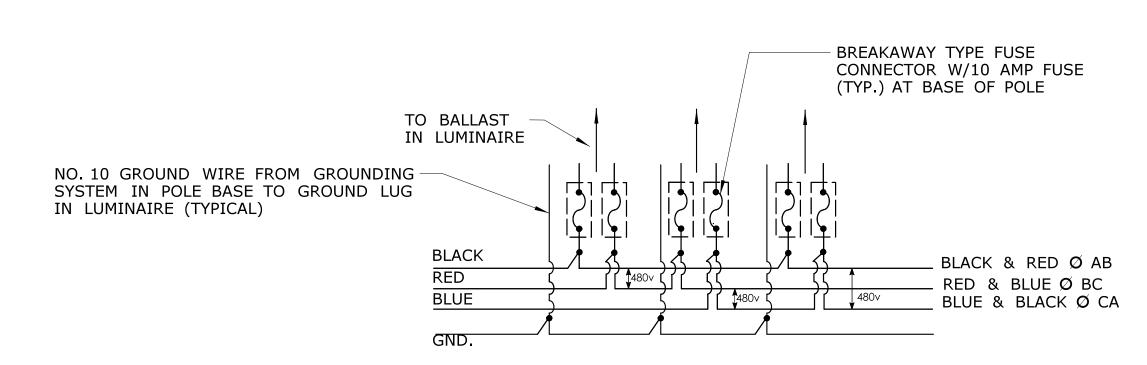
BREAKAWAY FUSE CONNECTOR

TO BE USED WITH TWIN LUMINAIRE LIGHT
STANDARDS (4 REQUIRED PER LIGHT STANDARD)

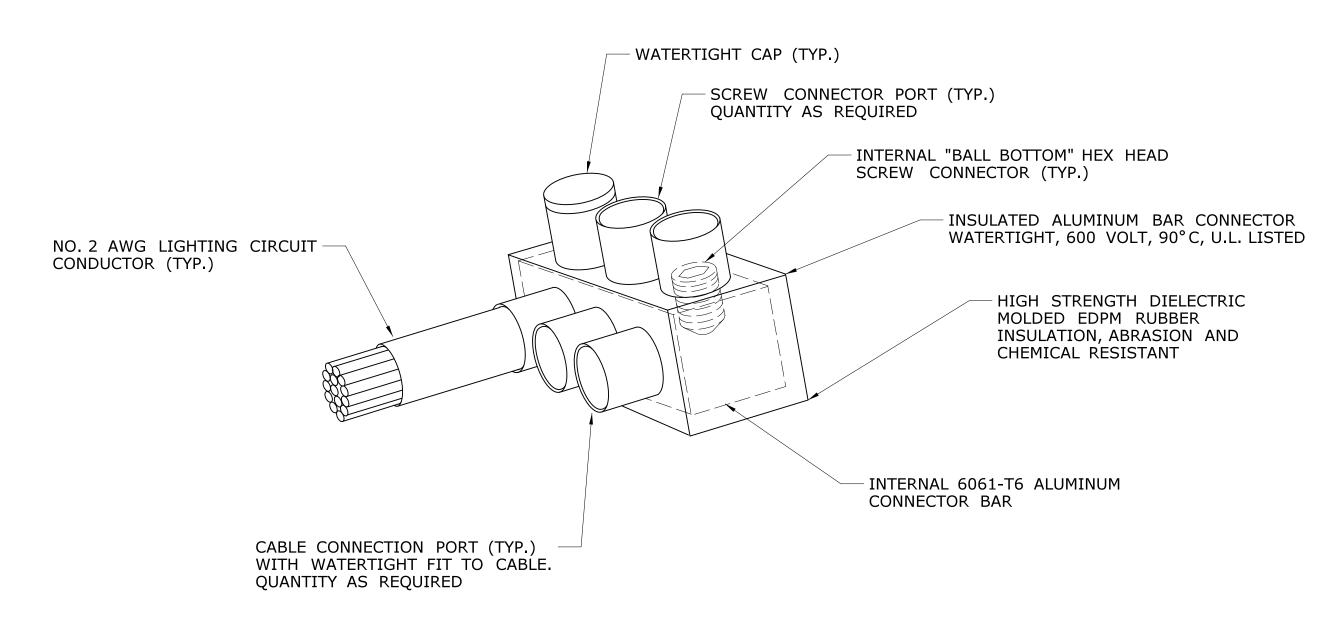
AND UNDERBRIDGE LUMINAIRES



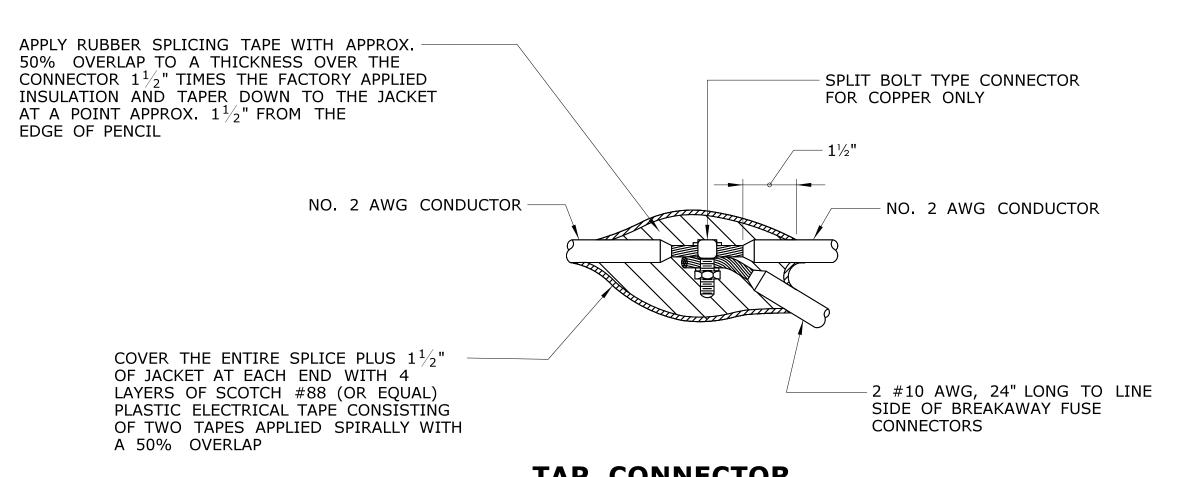
BREAKAWAY FUSE CONNECTOR



3 PHASE 3 WIRE SYSTEM



WATERTIGHT CONNECTOR TO BE USED IN HANDHOLES AND JUNCTION BOXES



TAP CONNECTOR

TO BE USED W/TWIN LUMINAIRE
LIGHT STANDARDS

SIGNATURE BLOCK:

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CTDOT

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

SOUTHINGTON REST AREA TRUCK PARKING IMPROVEMENTS

SOUTHINGTON

MISCELLANEOUS DETAILS

DRAWING TITLE:

PROJECT NO.:

MDS-10

SHEET NO.:

03.40

NOT TO SCALE

designer/drafter: **REH**

