

SUBSET 04 - CIVIL INDEX OF DRAWINGS

SHEET NUMBER	DRAWING TITLE	SHEET NUMBER	DRAWING TITLE
04.01	CIVIL SUBSET COVER SHEET	04.37	SIGNING AND PAVEMENT MARKING PLAN-4
04.02	CIVIL INDEX PLAN	04.38	SIGNING AND PAVEMENT MARKING PLAN-5
04.03	SITE DEMOLITION PLAN-1	04.39	CIVIL MISCELLANEOUS DETAILS
04.04	SITE DEMOLITION PLAN-2	04.40	CIVIL MISCELLANEOUS DETAILS
04.05	SITE DEMOLITION PLAN-3	04.41	CIVIL MISCELLANEOUS DETAILS
04.06	SITE DEMOLITION PLAN-4	04.42	CIVIL MISCELLANEOUS DETAILS
04.07	SITE DEMOLITION PLAN-5	04.43	CIVIL MISCELLANEOUS DETAILS
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04.13	GENERAL SITE PLAN-1	04.49	CIVIL MISCELLANEOUS DETAILS
04.14	GENERAL SITE PLAN-2	04.50	SIDEWALK RAMP SHEET 1
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04.16	GENERAL SITE PLAN-4	04.52	SIDEWALK RAMP SHEET 3
04.17	GENERAL SITE PLAN-5	04.53	SIDEWALK RAMP SHEET 4
04.18	ROADWAY PROFILES	04.54	RELOCATED BREWERY ST CROSS SECTIONS
04.19	ROADWAY PROFILES	04.55	RELOCATED BREWERY ST CROSS SECTIONS
04.20	ROADWAY PROFILES	04.56	RELOCATED BREWERY ST CROSS SECTIONS
04.21	ROADWAY PROFILES	04.57	RELOCATED BREWERY ST CROSS SECTIONS
04.22	SEDIMENTATION AND EROSION CONTROL PLAN-1	04.58	RELOCATED BREWERY ST CROSS SECTIONS
04.23	SEDIMENTATION AND EROSION CONTROL PLAN-2	04.59	RELOCATED BREWERY ST CROSS SECTIONS
04.24	SEDIMENTATION AND EROSION CONTROL PLAN-3	04.60	RELOCATED BREWERY ST CROSS SECTIONS
04.25	SEDIMENTATION AND EROSION CONTROL PLAN-4	04.61	RELOCATED BREWERY ST CROSS SECTIONS
04.26	SEDIMENTATION AND EROSION CONTROL PLAN-5	04.62	RELOCATED BREWERY ST CROSS SECTIONS
04.27	GRADING PLAN-1	04.63	RELOCATED BREWERY ST CROSS SECTIONS
04.28	GRADING PLAN-2	04.64	RELOCATED BREWERY ST CROSS SECTIONS
04.29	GRADING PLAN-3	04.65	ACCESS ROAD 10 CROSS SECTIONS
04.30	GRADING PLAN-4	04.66	ACCESS ROAD 10 CROSS SECTIONS
04.31	GRADING PLAN-5	04.67	ACCESS ROAD 10 CROSS SECTIONS
04.32	INTERSECTION GRADING PLANS	04.68	ACCESS ROAD 10 CROSS SECTIONS
04.33	INTERSECTION GRADING PLANS	04.69	ACCESS ROAD 10 CROSS SECTIONS
04.34	SIGNING AND PAVEMENT MARKING PLAN-1	04.70	ACCESS ROAD 10 CROSS SECTIONS
04.35	SIGNING AND PAVEMENT MARKING PLAN-2		
04.36	SIGNING AND PAVEMENT MARKING PLAN-3		

DESIGNED BY: PARSONS BRINCKERHOFF	
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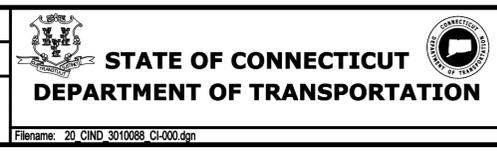
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/25/2015

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JLD

CHECKED BY:
JLW



SIGNATURE/
BLOCK:

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

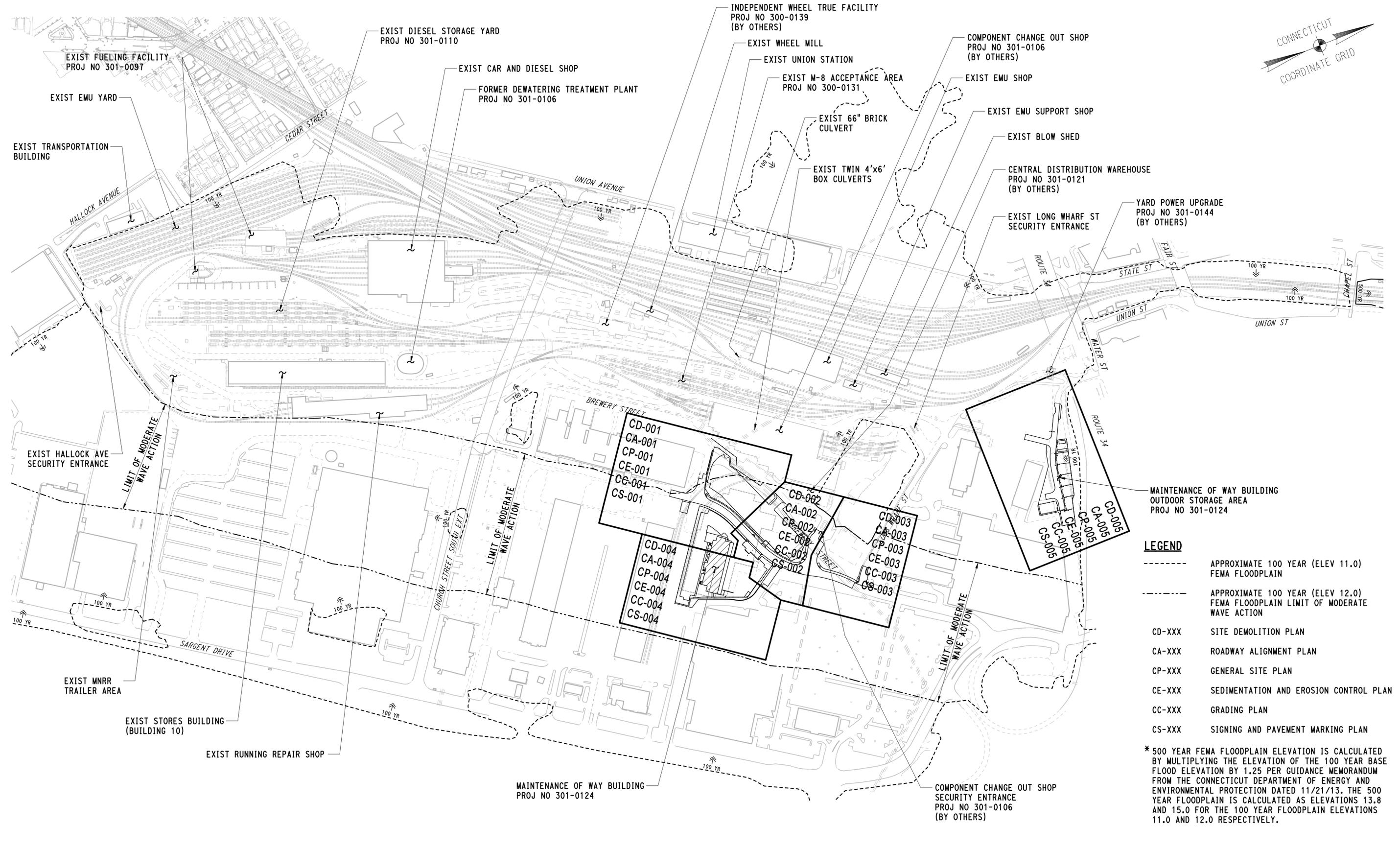
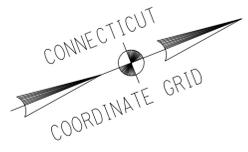
TOWN:
NEW HAVEN

DRAWING TITLE:
**CIVIL
SUBSET COVER SHEET**

PROJECT NO.
301-0124

DRAWING NO.
CI-000

SHEET NO.
04.01



- LEGEND**
- APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
 - - - APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
 - CD-XXX SITE DEMOLITION PLAN
 - CA-XXX ROADWAY ALIGNMENT PLAN
 - CP-XXX GENERAL SITE PLAN
 - CE-XXX SEDIMENTATION AND EROSION CONTROL PLAN
 - CC-XXX GRADING PLAN
 - CS-XXX SIGNING AND PAVEMENT MARKING PLAN

* 500 YEAR FEMA FLOODPLAIN ELEVATION IS CALCULATED BY MULTIPLYING THE ELEVATION OF THE 100 YEAR BASE FLOOD ELEVATION BY 1.25 PER GUIDANCE MEMORANDUM FROM THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION DATED 11/21/13. THE 500 YEAR FLOODPLAIN IS CALCULATED AS ELEVATIONS 13.8 AND 15.0 FOR THE 100 YEAR FLOODPLAIN ELEVATIONS 11.0 AND 12.0 RESPECTIVELY.

3/28/2015 12:13:35 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\2014-Civil\20_CGIP_3010088_CI-001.dgn

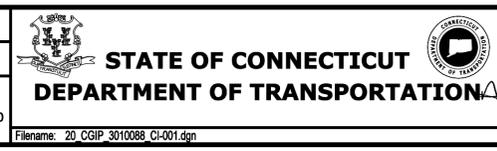
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 200 400
SCALE 1"=200'



SIGNATURE:
BLOOMFIELD, CT
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

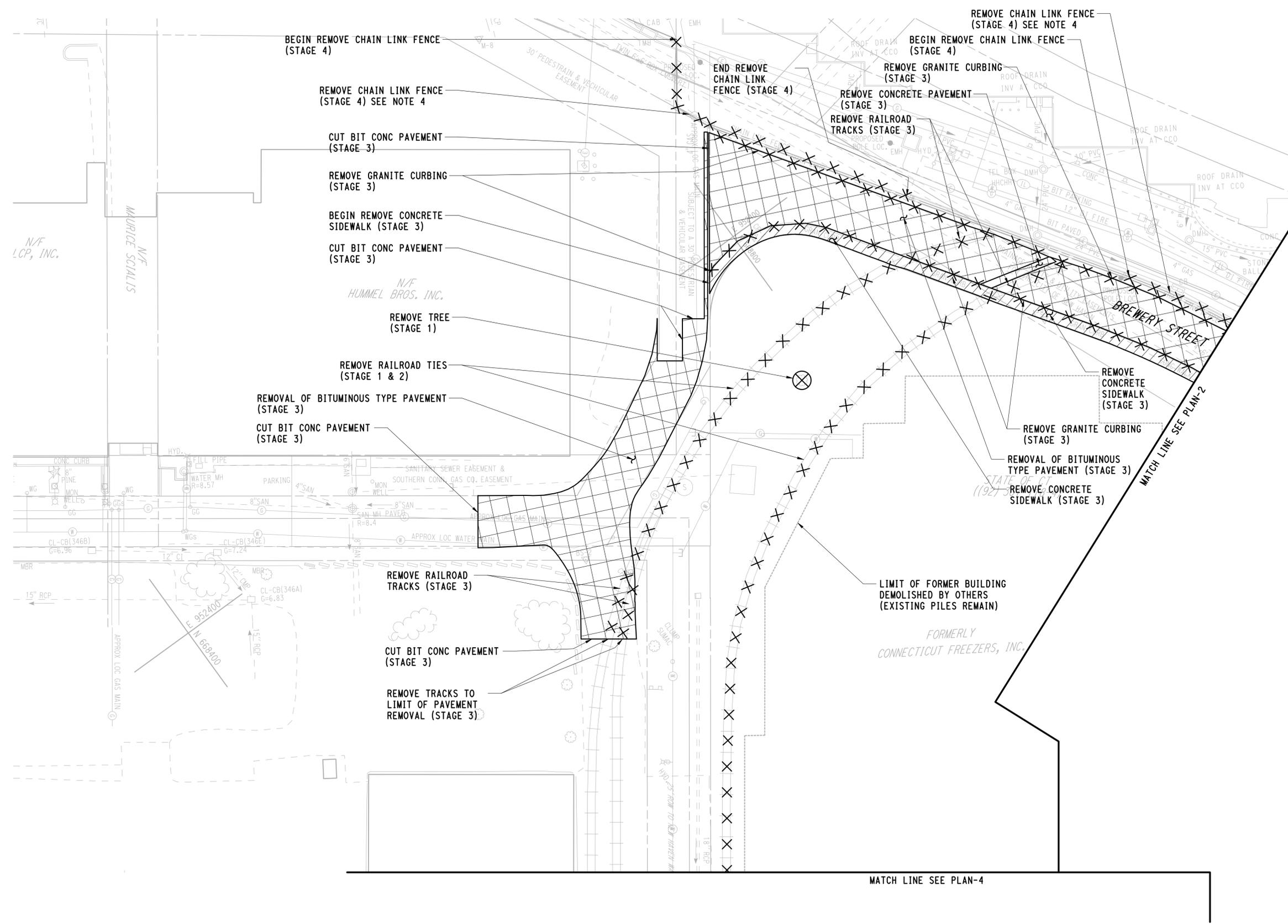
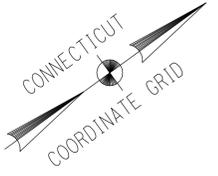
TOWN:
NEW HAVEN

DRAWING TITLE:
CIVIL INDEX PLAN

PROJECT NO.
301-0124

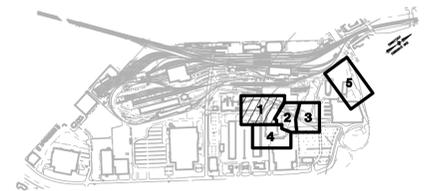
DRAWING NO.
CI-001

SHEET NO.
04.02



- LEGEND**
-  REMOVAL OF BITUMINOUS TYPE PAVEMENT
 -  REMOVAL OF CONCRETE SIDEWALK
 -  REMOVE
 -  REMOVE

- NOTES:**
1. REFER TO DWG NO GG-011 FOR GENERAL DEMOLITION NOTES.
 2. REFER TO GENERAL SITE PLAN FOR PAVEMENT CUT LIMITS.
 3. REFER TO UTILITY REMOVAL PLANS FOR UTILITY DEMOLITION WORK.
 4. REFER TO CONSTRUCTION STAGING PLANS AND PROJECT SPECIFICATIONS FOR MNRR REQUIREMENTS FOR REMOVAL OF RAILYARD PERIMETER FENCING.



KEY PLAN

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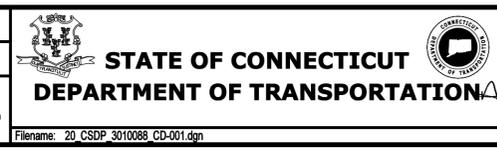
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD

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WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE:
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

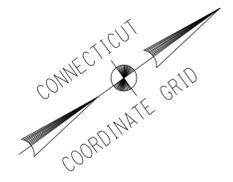
TOWN:
NEW HAVEN

DRAWING TITLE:
**SITE DEMOLITION
PLAN-1**

PROJECT NO.
301-0124

DRAWING NO.
CD-001

SHEET NO.
04.03

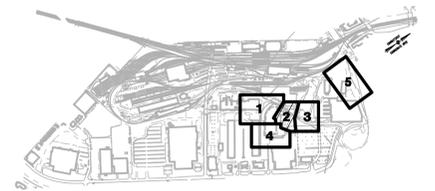


LEGEND

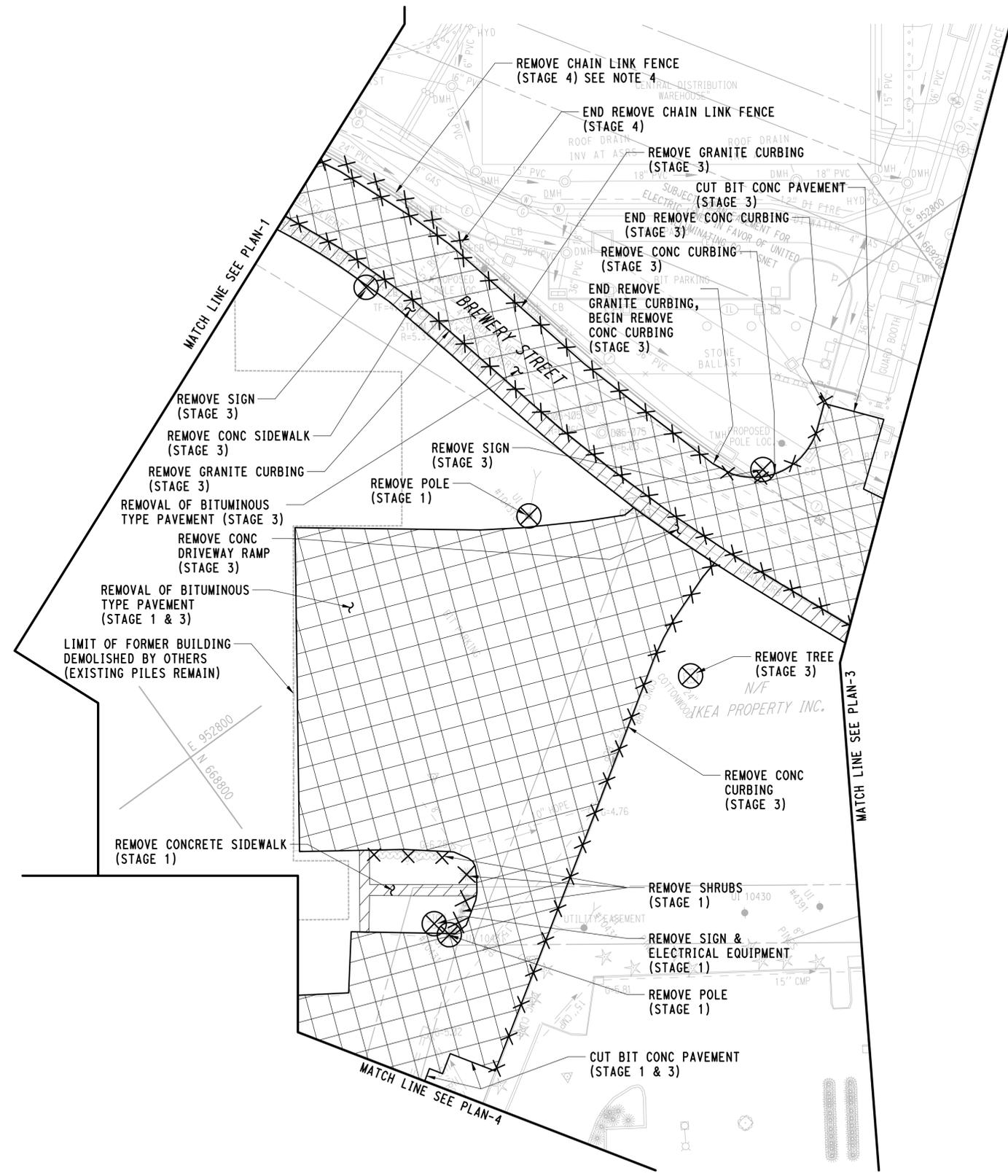
-  REMOVAL OF BITUMINOUS TYPE PAVEMENT
-  REMOVAL OF CONCRETE SIDEWALK
-  REMOVE
-  REMOVE

NOTES:

1. REFER TO DWG NO GG-011 FOR GENERAL DEMOLITION NOTES.
2. REFER TO GENERAL SITE PLANS FOR PAVEMENT CUT LIMITS.
3. REFER TO UTILITY REMOVAL PLANS FOR UTILITY DEMOLITION WORK.
4. REFER TO CONSTRUCTION STAGING PLANS AND PROJECT SPECIFICATIONS FOR MNRR REQUIREMENTS FOR REMOVAL OF RAILYARD PERIMETER FENCING.



KEY PLAN



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Plotted Date: 3/28/2015

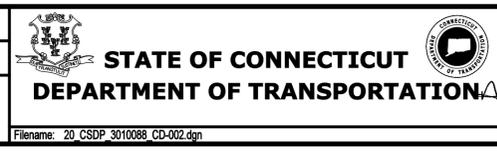
DESIGNER/DRAFTER:
JFK/JLD

CHECKED BY:
WPD

SCALE IN FEET

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SCALE 1"=30'



SIGNATURE

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:

**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:

NEW HAVEN

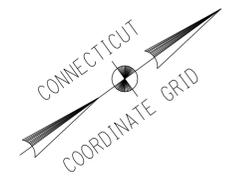
DRAWING TITLE:

**SITE DEMOLITION
PLAN-2**

PROJECT NO.
301-0124

DRAWING NO.
CD-002

SHEET NO.
04.04

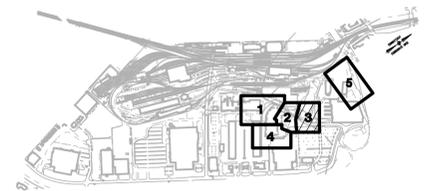


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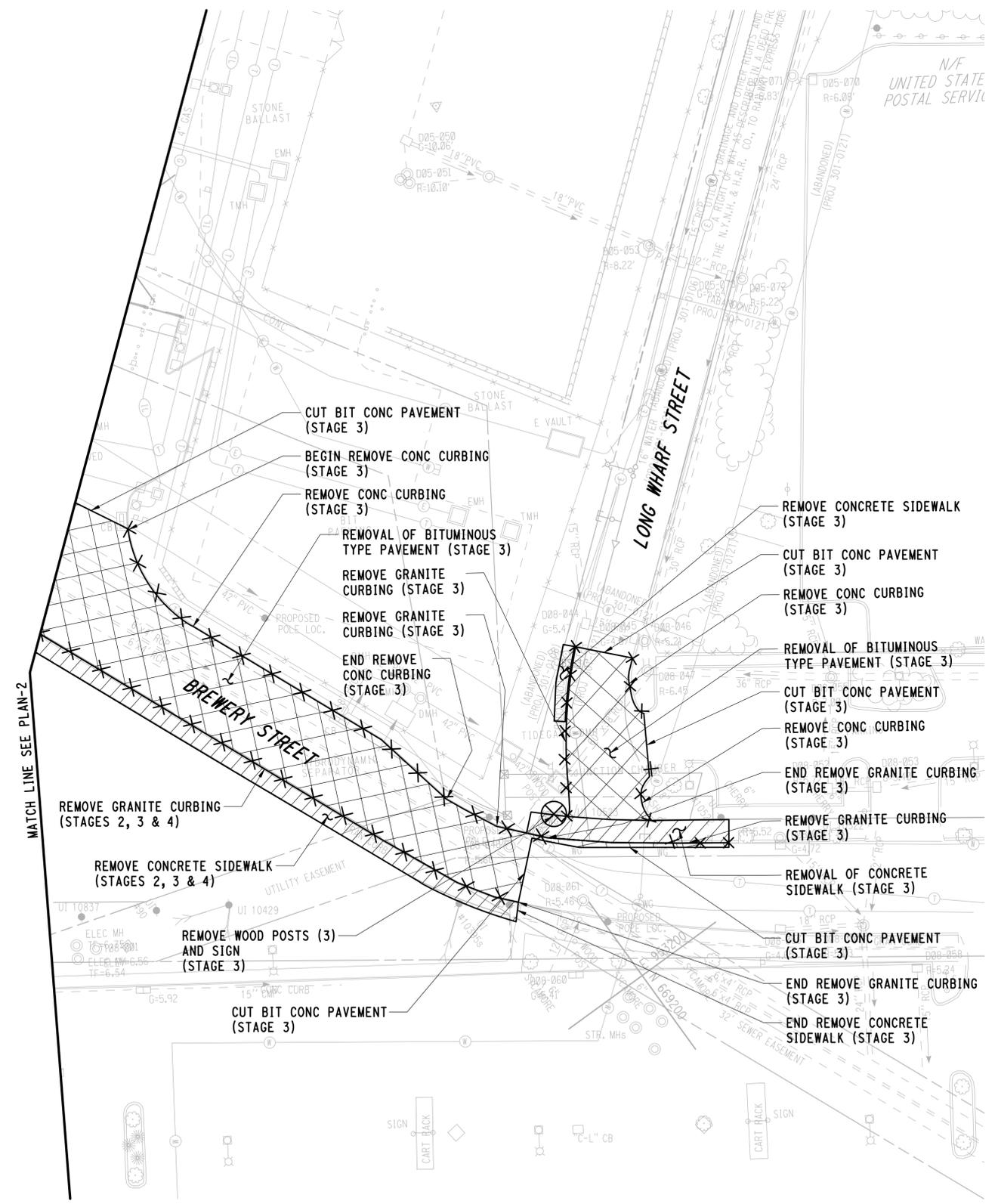
-  REMOVAL OF BITUMINOUS TYPE PAVEMENT
-  REMOVAL OF CONCRETE SIDEWALK
- × × × REMOVE
- ⊗ REMOVE

NOTES:

1. REFER TO DWG NO GG-011 FOR GENERAL DEMOLITION NOTES.
2. REFER TO THE GENERAL SITE PLAN FOR PAVEMENT CUT LIMITS.
3. REFER TO UTILITY REMOVAL PLANS FOR UTILITY DEMOLITION WORK.



KEY PLAN



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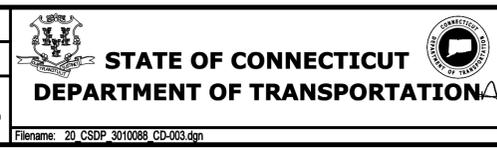
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD

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WPD

SCALE IN FEET
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SCALE 1"=30'



SIGNATURE OF PROFESSIONAL ENGINEER
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

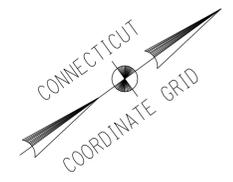
TOWN:
NEW HAVEN

DRAWING TITLE:
SITE DEMOLITION PLAN-3

PROJECT NO.
301-0124

DRAWING NO.
CD-003

SHEET NO.
04.05



MATCH LINE SEE PLAN-1

MATCH LINE SEE PLAN-2

REMOVE RAILROAD TIES
(STAGE 1)

LIMIT OF FORMER BUILDING
DEMOLISHED BY OTHERS
(EXISTING PILES REMAIN)

CUT BIT CONC PAVEMENT
(STAGE 1)

REMOVAL OF BITUMINOUS
TYPE PAVEMENT (STAGE 1)

CUT BIT CONC PAVEMENT
(STAGE 1)

LEGEND

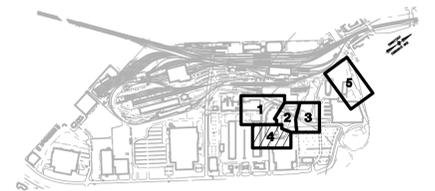
REMOVAL OF BITUMINOUS TYPE PAVEMENT

REMOVAL OF CONCRETE SIDEWALK

× × × REMOVE

NOTE:

1. REFER TO DWG NO GG-011 FOR GENERAL DEMOLITION NOTES.
2. REFER TO GENERAL SITE PLANS FOR PAVEMENT CUT LIMITS.
3. REFER TO UTILITY REMOVAL PLANS FOR UTILITY DEMOLITION WORK.



KEY PLAN

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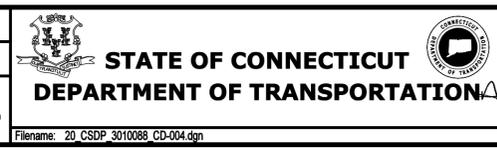
DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET

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SCALE 1"=30'



SIGNATURE

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:

**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:

NEW HAVEN

DRAWING TITLE:

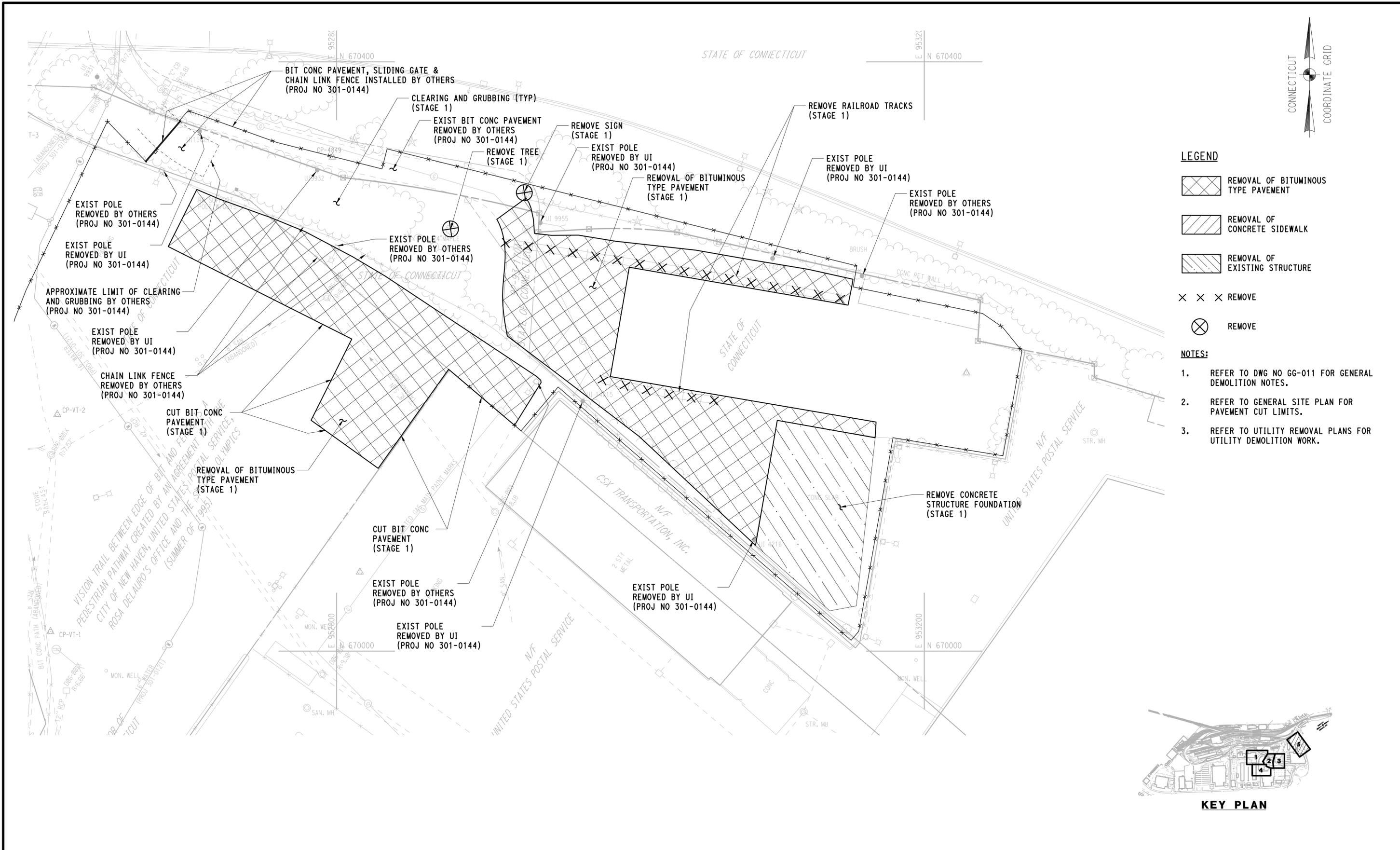
**SITE DEMOLITION
PLAN-4**

PROJECT NO.
301-0124

DRAWING NO.
CD-004

SHEET NO.
04.06

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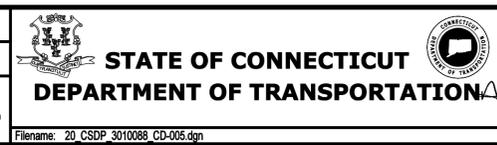
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK/JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE
BLOOMINGDALE, CT
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

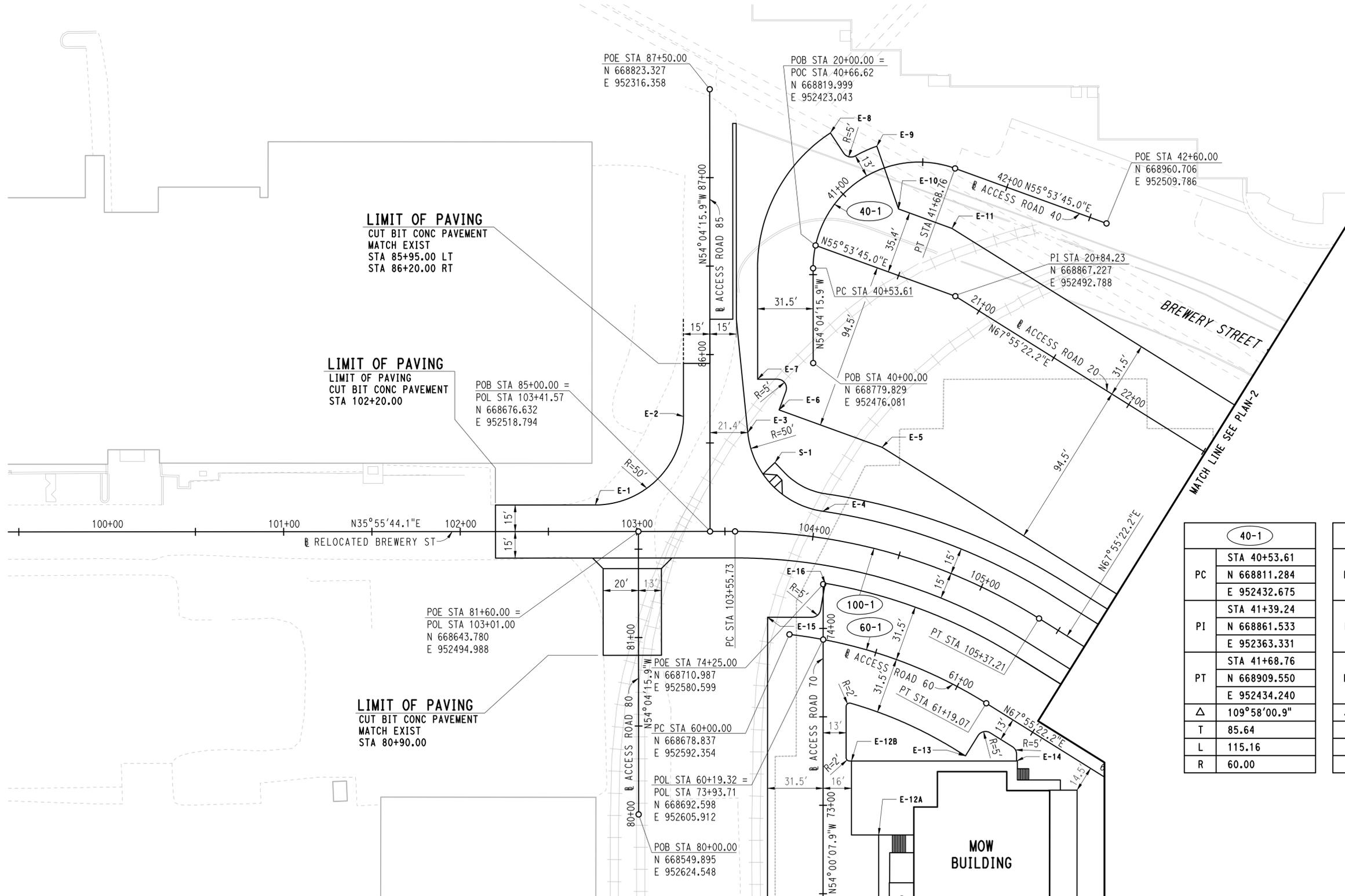
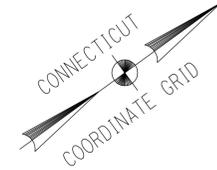
TOWN:
NEW HAVEN

PROJECT NO.
301-0124

DRAWING NO.
CD-005

DRAWING TITLE:
**SITE DEMOLITION
PLAN-5**

SHEET NO.
04.07



LIMIT OF PAVING
 CUT BIT CONC PAVEMENT
 MATCH EXIST
 STA 85+95.00 LT
 STA 86+20.00 RT

LIMIT OF PAVING
 LIMIT OF PAVING
 CUT BIT CONC PAVEMENT
 STA 102+20.00

LIMIT OF PAVING
 CUT BIT CONC PAVEMENT
 MATCH EXIST
 STA 80+90.00

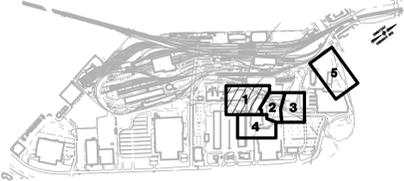
EOP COORDINATES		
DESCRIPTION	NORTHING	EASTING
E-1	668632.80	952468.51
E-2	668702.63	952457.36
E-3	668726.74	952486.15
E-4	668735.00	952547.08
E-5	668783.40	952537.53
E-6	668748.64	952486.20
E-7	668748.98	952464.97
E-8	668864.18	952376.48
E-9	668881.01	952398.01
E-10	668870.13	952433.98
E-11	668888.19	952460.65
E-12A	668653.13	952713.83
E-12B	668665.23	952670.92
E-13	668719.17	952706.50
E-14	668740.90	952725.89
E-15	668674.51	952577.22
E-16	668712.18	952580.82

CONC SDWK COORDINATES		
DESCRIPTION	NORTHING	EASTING
S-1	668729.25	952508.87

40-1	
PC	STA 40+53.61 N 668811.284 E 952432.675
PI	STA 41+39.24 N 668861.533 E 952363.331
PT	STA 41+68.76 N 668909.550 E 952434.240
Δ	109°58'00.9"
T	85.64
L	115.16
R	60.00

60-1	
PC	STA 60+00.00 N 668678.837 E 952592.354
PI	STA 60+60.53 N 668723.457 E 952633.260
PT	STA 61+19.07 N 668746.209 E 952689.354
Δ	25°24'34.5"
T	60.53
L	119.07
R	268.50

100-1	
PC	STA 103+55.73 N 668688.099 E 952527.104
PI	STA 104+48.91 N 668763.546 E 952581.776
PT	STA 105+37.21 N 668798.566 E 952668.118
Δ	31°59'38.1"
T	93.17
L	181.48
R	325.00



KEY PLAN

3/25/2015 9:17:15 AM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CALN_3010088_CA-001.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD
 CHECKED BY:
WPD
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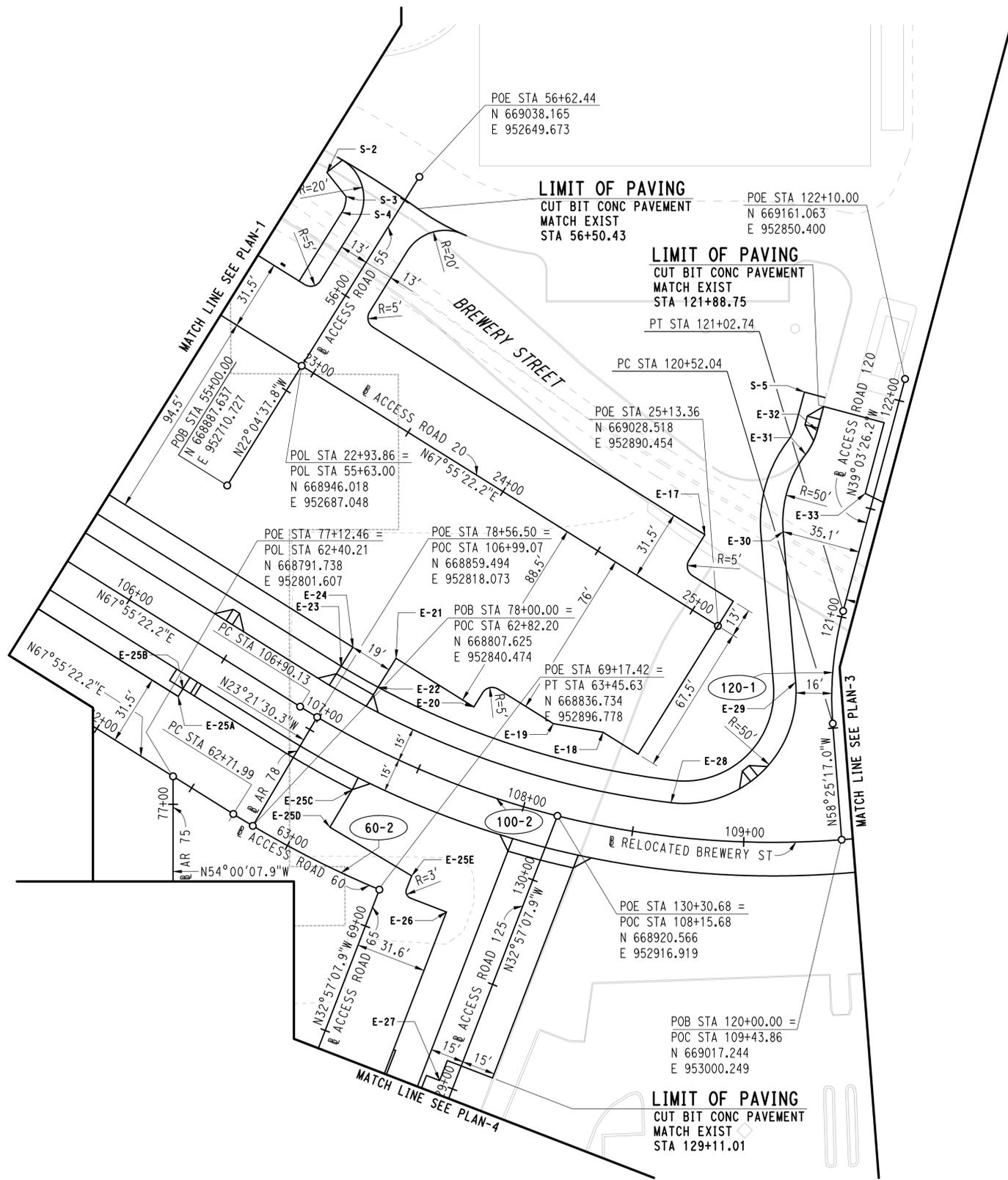
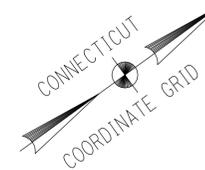


SIGNATURE OF PROFESSIONAL ENGINEER
PARSONS BRINCKERHOFF
 GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

TOWN:
NEW HAVEN
 DRAWING TITLE:
ROADWAY ALIGNMENT PLAN-1

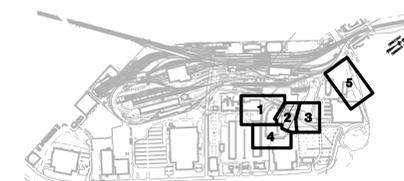
PROJECT NO.
301-0124
 DRAWING NO.
CA-001
 SHEET NO.
04.08



60-2		100-2		120-1	
PC	STA 62+71.99 N 668803.683 E 952831.058	PC	STA 106+90.13 N 668856.040 E 952809.822	PC	STA 120+52.04 N 669044.497 E 952955.914
PI	STA 63+08.89 N 668817.552 E 952865.254	PI	STA 108+35.11 N 668910.533 E 952944.175	PI	STA 120+77.63 N 669057.898 E 952934.111
PT	STA 63+45.63 N 668836.734 E 952896.778	PRC	STA 109+68.31 N 669038.455 E 953012.410	PT	STA 121+02.74 N 669077.771 E 952917.986
Δ	9°14'34.9"	Δ	39°50'48.8"	Δ	19°21'50.8"
T	36.90	T	144.98	T	25.59
L	73.64	L	278.18	L	50.70
R	456.50	R	400.00	R	150.00

EOP COORDINATES		
DESCRIPTION	NORTHING	EASTING
E-17	669047.75	952854.06
E-18	668959.01	952898.68
E-19	668943.27	952882.49
E-20	668918.87	952855.57
E-21	668903.46	952817.57
E-22	668889.38	952823.28
E-23	668881.51	952805.97
E-24	668890.76	952802.22
E-25A	668814.56	952774.06
E-25B	668818.27	952772.56
E-25C	668853.09	952853.52
E-25D	668835.18	952861.25
E-25E	668852.04	952900.30
E-26	668855.17	952922.50
E-27	668808.47	952981.63
E-28	668965.18	952942.01
E-29	669041.91	952931.23
E-30	669076.86	952873.54
E-31	669105.28	952851.55
E-32	669115.57	952846.10
E-33	669116.63	952881.30

CONC SDWK COORDINATES		
DESCRIPTION	NORTHING	EASTING
S-2	669005.88	952623.76
S-3	669006.46	952637.41
S-4	669000.79	952642.17
S-5	669121.18	952828.68



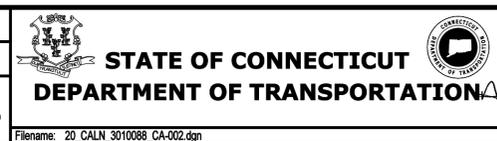
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REV	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD
CHECKED BY:
WPD
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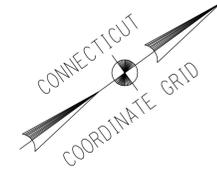


SIGNATURE OF PROFESSIONAL ENGINEER
Parsons Brinckerhoff
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

TOWN:
NEW HAVEN
DRAWING TITLE:
ROADWAY ALIGNMENT PLAN-2

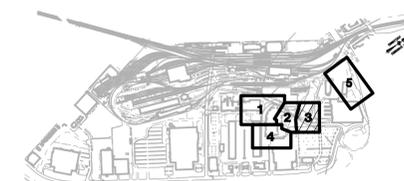
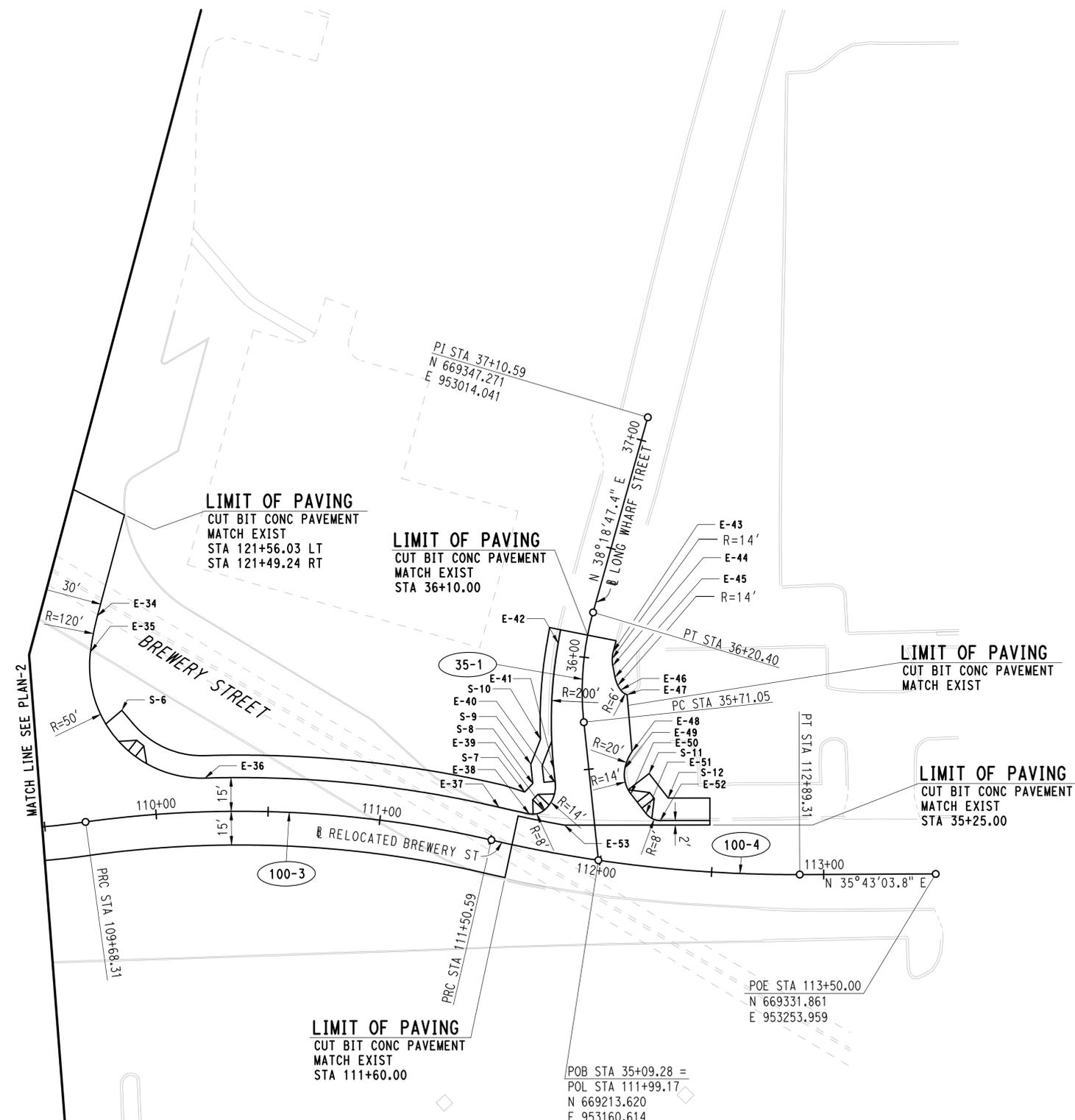
PROJECT NO.
301-0124
DRAWING NO.
CA-002
SHEET NO.
04.09



35-1		100-3		100-4	
PC	STA 35+71.05 N 669244.443 E 953107.085	PRC	STA 109+68.31 N 669038.455 E 953012.410	PRC	STA 111+50.59 N 669180.283 E 953125.306
PI	STA 35+96.02 N 669256.907 E 953085.439	PI	STA 110+60.48 N 669119.774 E 953055.786	PI	STA 112+20.26 N 669226.022 E 953177.856
PT	STA 36+20.40 N 669276.506 E 953069.954	PRC	STA 111+50.59 N 669180.283 E 953125.306	PT	STA 112+89.31 N 669282.586 E 953218.528
Δ	21°45'07.8"	Δ	20°53'17.1"	Δ	13°14'46.6"
T	24.98	T	92.16	T	69.67
L	49.35	L	182.28	L	138.71
R	130.00	R	500.00	R	600.00

EOP COORDINATES		
DESCRIPTION	NORTHING	EASTING
E-34	669096.67	952941.28
E-35	669084.71	952952.42
E-36	669093.05	953027.93
E-37	669191.60	953115.46
E-38	669200.82	953125.81
E-39	669207.48	953128.38
E-40	669218.30	953121.43
E-41	669221.37	953116.09
E-42	669255.84	953071.95
E-43	669273.51	953089.38
E-44	669269.70	953094.30
E-45	669267.48	953099.06
E-46	669266.18	953105.13
E-47	669267.25	953108.49
E-48	669254.14	953130.33
E-49	669247.24	953134.44
E-50	669242.70	953145.25
E-51	669243.07	953156.33
E-52	669246.37	953162.55
E-53	669210.57	953139.11

CONC SDWK COORDINATES		
DESCRIPTION	NORTHING	EASTING
S-6	669080.71	952981.71
S-7	669204.88	953116.70
S-8	669210.01	953115.79
S-9	669214.36	953108.28
S-10	669224.33	953101.86
S-11	669254.62	953142.68
S-12	669255.08	953156.50



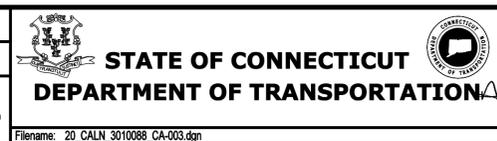
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD
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WPD
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SCALE 1"=30'

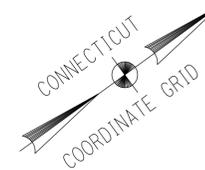


SIGNATURE OF PROFESSIONAL ENGINEER
Parsons Brinckerhoff
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

TOWN:
NEW HAVEN
DRAWING TITLE:
ROADWAY ALIGNMENT PLAN-3

PROJECT NO.
301-0124
DRAWING NO.
CA-003
SHEET NO.
04.10



LIMIT OF PAVING
STA 70+10.29

POL STA 65+19.10 =
POL STA 70+46.60
N 668488.578
E 952886.743

POB STA 65+00.00
N 668473.125
E 952875.516

POB STA 125+00.00
N 668442.907
E 952917.110

POB STA 70+00.00 =
POL STA 125+19.70
N 668461.192
E 952924.441

MATCH LINE SEE PLAN-1

MOW BUILDING

POB STA 75+00.00 =
POL STA 67+18.62
N 668666.862
E 952973.497

PI STA 65+77.10
N 668535.505
E 952920.835

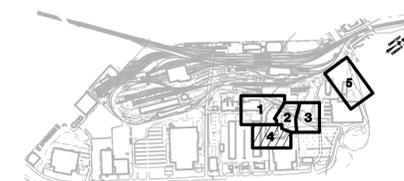
PI STA 67+52.92
N 668698.694
E 952986.259

MATCH LINE SEE PLAN-2

PT STA 128+57.96

EOP COORDINATES		
DESCRIPTION	NORTHING	EASTING
E-54	668447.05	952890.32
E-55	668508.52	952912.88
E-56	668466.64	952949.10
E-57	668478.86	952957.97
E-58	668519.09	952933.65

125-1		125-2	
PC	STA 126+95.51 N 668624.378 E 952989.863	PRC	STA 127+45.62 N 668669.115 E 953012.296
PI	STA 127+20.62 N 668647.686 E 952999.207	PI	STA 128+08.55 N 668722.824 E 953045.100
PRC	STA 127+45.62 N 668669.115 E 953012.296	PT	STA 128+57.96 N 668775.633 E 953010.867
Δ	9°34'09.2"	Δ	64°22'03.5"
T	25.11	T	62.93
L	50.10	L	112.34
R	300.00	R	100.00



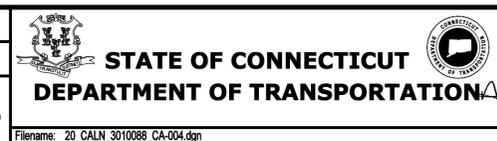
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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JFK/JLD
CHECKED BY:
WPD
SCALE IN FEET
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SCALE 1"=30'



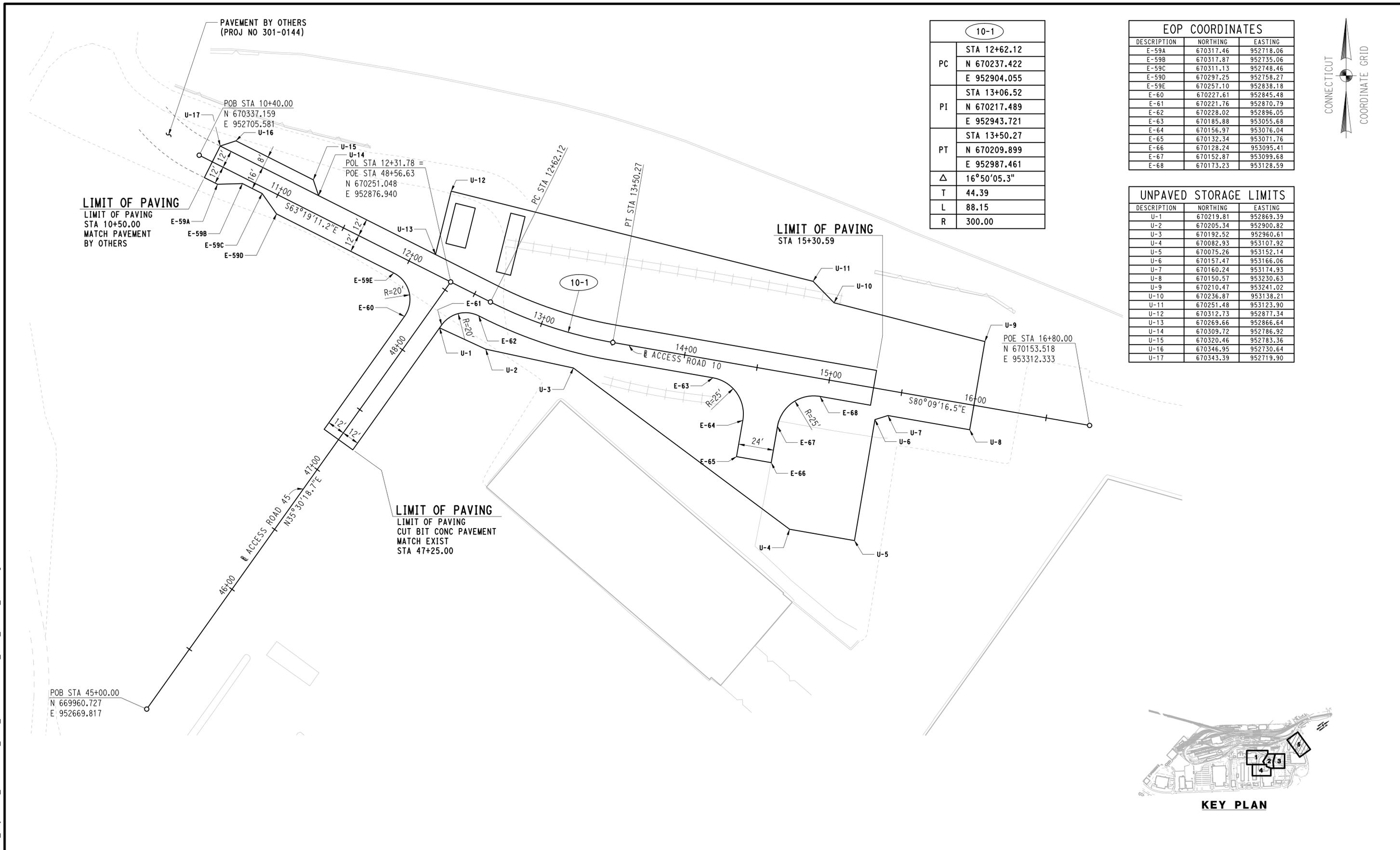
SIGNATURE OF PROFESSIONAL ENGINEER
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

TOWN:
NEW HAVEN
DRAWING TITLE:
ROADWAY ALIGNMENT PLAN-4

PROJECT NO.
301-0124
DRAWING NO.
CA-004
SHEET NO.
04.11

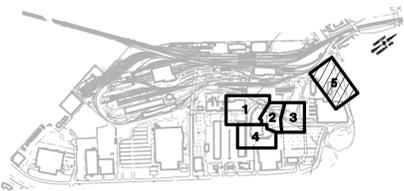
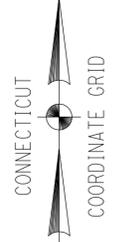
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10-1	
PC	STA 12+62.12
	N 670237.422
	E 952904.055
PI	STA 13+06.52
	N 670217.489
	E 952943.721
PT	STA 13+50.27
	N 670209.899
	E 952987.461
Δ	16°50'05.3"
T	44.39
L	88.15
R	300.00

EOP COORDINATES		
DESCRIPTION	NORTHING	EASTING
E-59A	670317.46	952718.06
E-59B	670317.87	952735.06
E-59C	670311.13	952748.46
E-59D	670297.25	952758.27
E-59E	670257.10	952838.18
E-60	670227.61	952845.48
E-61	670221.76	952870.79
E-62	670228.02	952896.05
E-63	670185.88	953055.68
E-64	670156.97	953076.04
E-65	670132.34	953071.76
E-66	670128.24	953095.41
E-67	670152.87	953099.68
E-68	670173.23	953128.59

UNPAVED STORAGE LIMITS		
DESCRIPTION	NORTHING	EASTING
U-1	670219.81	952869.39
U-2	670205.34	952900.82
U-3	670192.52	952960.61
U-4	670082.93	953107.92
U-5	670075.26	953152.14
U-6	670157.47	953166.06
U-7	670160.24	953174.93
U-8	670150.57	953230.63
U-9	670210.47	953241.02
U-10	670236.87	953138.21
U-11	670251.48	953123.90
U-12	670312.73	952877.34
U-13	670269.66	952866.64
U-14	670309.72	952786.92
U-15	670320.46	952783.36
U-16	670346.95	952730.64
U-17	670343.39	952719.90



KEY PLAN

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60

SCALE 1"=30'



SIGNATURE
BLOOMFIELD, CT

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

DRAWING TITLE:
**ROADWAY ALIGNMENT
PLAN-5**

PROJECT NO.
301-0124

DRAWING NO.
CA-005

SHEET NO.
04.12

FENCE COORDINATES

DESCRIPTION	NORTHING	EASTING
F-100	668678.13	952548.32
F-101	668777.25	952676.76
F-200	668976.95	952557.86
F-201	668964.86	952566.75
F-202	668875.23	952434.39
F-203	668866.51	952397.11
F-204	668852.85	952341.26
F-205	668836.65	952329.53
F-206	668759.04	952436.65
F-207	668729.52	952487.32
F-208	668738.91	952531.46
F-209	668825.44	952657.22
F-300	668838.97	952289.17
F-301	668911.56	952409.61
F-302	668897.82	952440.99

FLAG POLES

DESCRIPTION	NORTHING	EASTING
L-1	668642.50	952750.73

SITE BOLLARD COORDINATES

DESCRIPTION	NORTHING	EASTING
B-1	668681.56	952646.62
B-2	668685.61	952649.56
B-3	668682.67	952653.60
B-4	668678.63	952650.66
B-69	668758.72	952757.92
B-70	668759.17	952760.72
B-71	668639.25	952704.98
B-72	668646.17	952724.26
B-73	668637.65	952735.99
B-78	668754.47	952747.70
B-79	668754.92	952750.50
B-80	668742.68	952725.94
B-81	668745.32	952733.22
B-82	668701.49	952691.75
B-83	668705.54	952694.69
B-84	668665.01	952669.52

BEGIN 10' CHAIN LINK FENCE WITH BARBED WIRE CONNECT TO EXIST

END GRANITE STONE CURBING

CUT BIT CONC PAVEMENT

10' CHAIN LINK FENCE WITH BARBED WIRE

APPROX SLOPE LIMIT (TYP)

LIMIT OF PAVING

CUT BIT CONC PAVEMENT MATCH EXIST
STA 85+95.00 LT
STA 86+20.00 RT

N/F
HUMMEL BROS. INC.

4" TOPSOIL WITH TURF ESTABLISHMENT

LIMIT OF PAVING

CUT BIT CONC PAVEMENT MATCH EXIST
STA 102+20.00

SEE NOTE 4

BEGIN GRANITE STONE CURBING

CONCRETE DRIVEWAY RAMP

4" TOPSOIL WITH TURF ESTABLISHMENT

PAVED ACCESS ROAD

REMOVE AND RESET CONC BLOCKS (6 EA)

LIMIT OF PAVING

CUT BIT CONC PAVEMENT MATCH EXIST
STA 80+90.00

8" STONE BALLAST (TYP)

END BALLAST AT PROPERTY LINE (TYP)

HANDHOLE/MANHOLE (TYP)(SEE UTILITY DWGS)

10' CHAIN LINK FENCE WITH BARBED WIRE

4" TOPSOIL WITH TURF ESTABLISHMENT

FIRE HYDRANT WITH 4 SITE BOLLARDS (4-TYP) (B-1 TO B-4) @ 5'-0" OC (SEE UTILITY MISC DETAILS)

8" STONE BALLAST (TYP)

CONCRETE PAD FOR GENERATOR, TRANSFORMER, AND SWITCH (SEE NOTE 7)

CONCRETE SIDEWALK AND STAIRS (TYP) (SEE ARCH DWGS)

DETECTABLE WARNING STRIP

SITE BOLLARD WITH SIGN (B-73)

8" STONE BALLAST

FLAGPOLE

GRANITE STONE CURBING TABLE

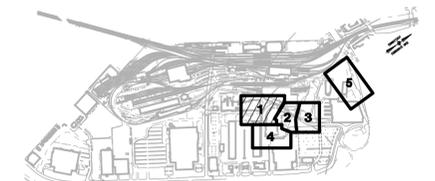
LOCATION	OFFSET	STATION	STATION	LENGTH
ACCESS ROAD 60	LEFT	60+15	61+50	135'
ACCESS ROAD 85	RIGHT	85+32	87+31	200'
RELOCATED BREWERY STREET	RIGHT	103+20	105+68	248'
RELOCATED BREWERY STREET	LEFT	103+81	105+68	187'

LEGEND

- PAVED
- CONCRETE
- TWO-WAY TRAFFIC FLOW
- BI-DIRECTIONAL TRAFFIC FLOW
- APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
- APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
- APPROXIMATE SLOPE LIMIT

NOTES:

1. FOR GEOMETRIC LAYOUT OF ACCESS ROADS AND PAVED DRIVEWAYS, SEE ROADWAY ALIGNMENT PLANS.
2. FOR ADDITIONAL INFORMATION, REFER TO GRADING PLANS AND CIVIL MISCELLANEOUS DETAILS.
3. FOR UTILITY WORK, SEE UTILITY DRAWINGS.
4. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES DURING CONSTRUCTION. FOR FURTHER INFORMATION REFER TO CONSTRUCTION STAGING PLANS THAT IDENTIFY TRAVEL PATHS TO BE MAINTAINED DURING EACH STAGE OF CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH OTHER CONCURRENT CONSTRUCTION PROJECTS.
6. ALL CURBING SHALL TAPER TO A FLUSH CONDITION OVER A 2' DISTANCE WHERE IT DOES NOT MATCH UP TO EXISTING CURBING OR OTHER VERTICAL SURFACE.
7. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION, INCLUDING FENCING REQUIREMENT SURROUNDING EQUIPMENT PAD.



KEY PLAN

4/1/2015 12:59:22 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CGSP_3010088_CP-001.dgn

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DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE OF PROFESSIONAL ENGINEER
**PARSONS BRINCKERHOFF
GLASTONBURY, CT**

PROJECT TITLE:

**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:

NEW HAVEN

PROJECT NO.

301-0124

DRAWING NO.

CP-001

SHEET NO.

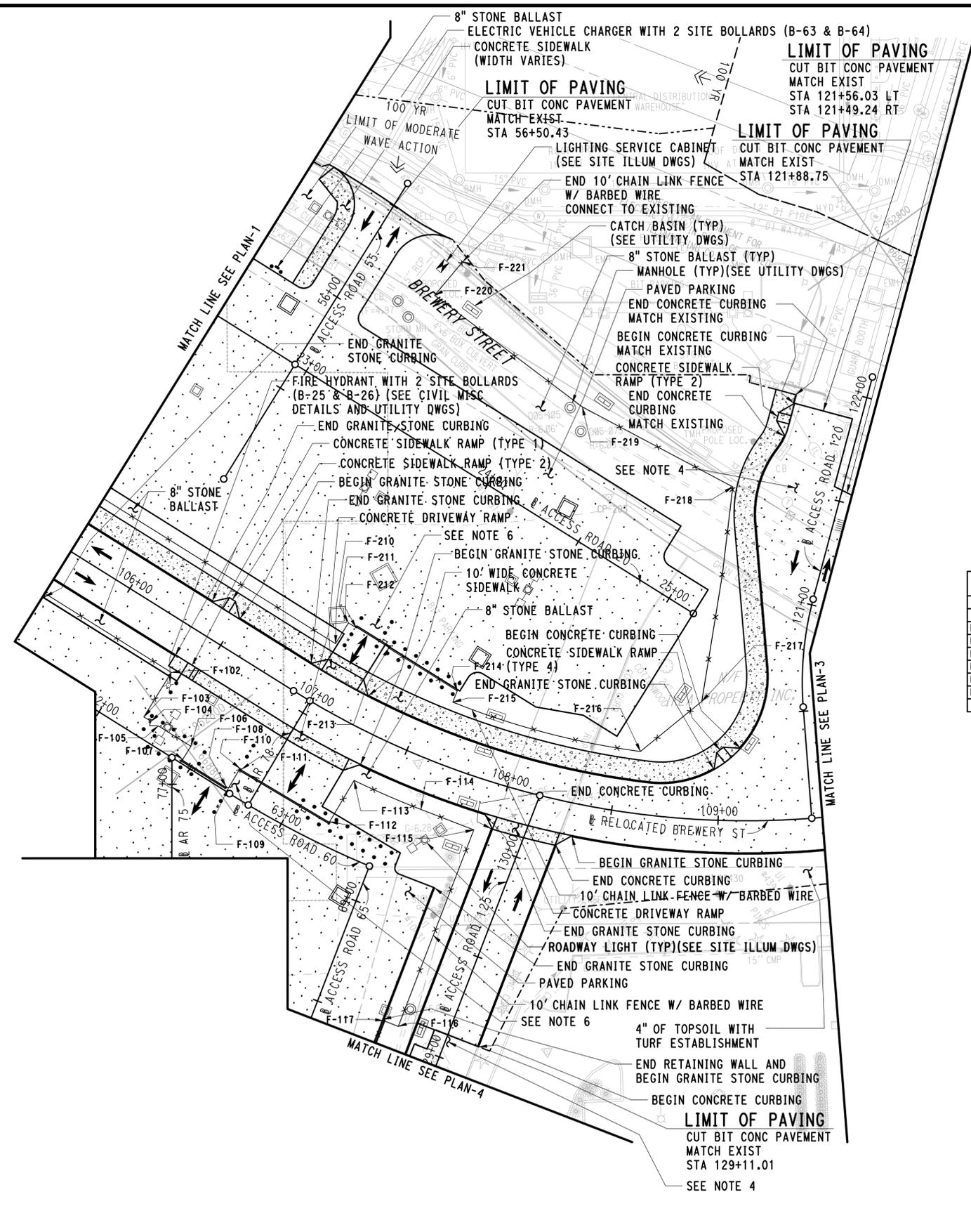
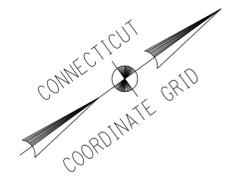
04.13

DRAWING TITLE:

**GENERAL SITE
PLAN-1**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 4/1/2015

Filename: 20_CGSP_3010088_CP-001.dgn



SITE BOLLARD COORDINATES		
DESCRIPTION	NORTHING	EASTING
B-63	668964.01	952643.60
B-64	668965.89	952648.23

CONCRETE CURBING TABLE				
LOCATION	OFFSET	STATION	STATION	LENGTH
ACCESS ROAD 120	LEFT	120+35	121+74	137'
ACCESS ROAD 120	LEFT	121+89	121+93	4'
ACCESS ROAD 125	LEFT	128+95	130+08	113'
ACCESS ROAD 125	RIGHT	129+11	130+12	101'

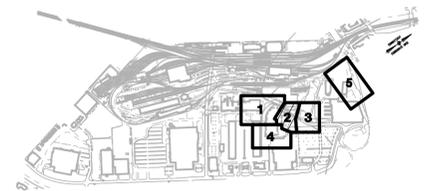
MISC IMPROVEMENTS		
DESCRIPTION	NORTHING	EASTING
ELECTRIC VEHICLE CHARGER	668965.87	952645.54

GRANITE STONE CURBING TABLE				
LOCATION	OFFSET	STATION	STATION	LENGTH
ACCESS ROAD 65	RIGHT	68+53	69+19	66'
RELOCATED BREWERY STREET	LEFT	105+68	106+36	68'
RELOCATED BREWERY STREET	LEFT	106+51	106+90	39'
RELOCATED BREWERY STREET	LEFT	107+22	108+97	169'
RELOCATED BREWERY STREET	RIGHT	105+68	106+34	67'
RELOCATED BREWERY STREET	RIGHT	107+33	107+94	61'
RELOCATED BREWERY STREET	RIGHT	108+34	109+49	119'

FENCE COORDINATES		
DESCRIPTION	NORTHING	EASTING
F-102	668814.81	952769.36
F-103	668792.23	952778.51
F-104	668793.74	952782.22
F-105	668795.24	952785.93
F-106	668801.98	952802.55
F-107	668795.25	952805.28
F-108	668804.24	952827.45
F-109	668804.75	952828.64
F-110	668814.52	952824.42
F-111	668814.84	952825.16
F-112	668833.84	952869.15
F-113	668854.40	952860.27
F-114	668871.76	952889.57
F-115	668886.18	952911.80
F-116	668803.75	952965.23
F-117	668799.74	952959.03
F-210	668884.83	952803.55
F-211	668895.40	952799.26
F-212	668897.02	952803.23
F-213	668903.75	952819.84
F-214	668917.96	952854.86
F-215	668913.21	952857.86
F-216	668970.73	952928.02
F-217	669007.64	952925.96
F-218	669078.09	952853.52
F-219	669043.09	952782.06
F-220	669017.76	952699.34
F-221	669037.62	952694.34

- LEGEND**
- PAVED
 - CONCRETE
 - TWO-WAY TRAFFIC FLOW
 - BI-DIRECTIONAL TRAFFIC FLOW
 - APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
 - APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
 - APPROXIMATE SLOPE LIMIT

- NOTES:**
- FOR GEOMETRIC LAYOUT OF ACCESS ROADS AND PAVED DRIVEWAYS, SEE ROADWAY ALIGNMENT PLANS.
 - FOR ADDITIONAL INFORMATION, REFER TO GRADING PLANS AND CIVIL MISCELLANEOUS DETAILS.
 - FOR UTILITY WORK, SEE UTILITY DRAWINGS.
 - CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES DURING CONSTRUCTION. FOR FURTHER INFORMATION REFER TO CONSTRUCTION STAGING PLANS THAT IDENTIFY TRAVEL PATHS TO BE MAINTAINED DURING EACH STAGE OF CONSTRUCTION.
 - CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH OTHER CONCURRENT CONSTRUCTION PROJECTS.
 - REFER TO DWG NO CM-010 FOR ENLARGED ENTRANCE DETAIL.
 - ALL CURBING SHALL TAPER TO A FLUSH CONDITION OVER A 2' DISTANCE WHERE IT DOES NOT MATCH UP TO EXISTING CURBING OR OTHER VERTICAL SURFACE.



KEY PLAN

4/1/2015 1:00:49 PM T:\19865-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CGSP_3010088_CP-002.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 4/1/2015

DESIGNER/DRAFTER: **JFK/JLD**
 CHECKED BY: **WPD**
 SCALE IN FEET: **1"=30'**

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Signature: *[Signature]*
 PROFESSIONAL ENGINEER

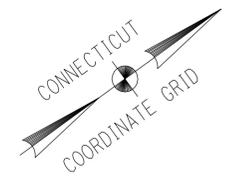
PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

PARSONS BRINCKERHOFF
 GLASTONBURY, CT

TOWN: **NEW HAVEN**

DRAWING TITLE: **GENERAL SITE PLAN-2**

PROJECT NO.: **301-0124**
 DRAWING NO.: **CP-002**
 SHEET NO.: **04.14**



LEGEND

- PAVED
- CONCRETE
- TWO-WAY TRAFFIC FLOW
- BI-DIRECTIONAL TRAFFIC FLOW
- APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
- APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
- APPROXIMATE SLOPE LIMIT

NOTES:

1. FOR GEOMETRIC LAYOUT OF ACCESS ROADS AND PAVED DRIVEWAYS, SEE ROADWAY ALIGNMENT PLANS.
2. FOR ADDITIONAL INFORMATION, REFER TO GRADING PLANS AND CIVIL MISCELLANEOUS DETAILS.
3. FOR UTILITY WORK, SEE UTILITY DRAWINGS.
4. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES DURING CONSTRUCTION. FOR FURTHER INFORMATION REFER TO CONSTRUCTION STAGING PLANS THAT IDENTIFY TRAVEL PATHS TO BE MAINTAINED DURING EACH STAGE OF CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH OTHER CONCURRENT CONSTRUCTION PROJECTS.
6. ALL CURBING SHALL TAPER TO A FLUSH CONDITION OVER A 2' DISTANCE WHERE IT DOES NOT MATCH UP TO EXISTING CURBING OR OTHER VERTICAL SURFACE.

CONCRETE CURBING TABLE

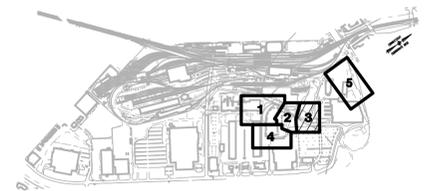
LOCATION	OFFSET	STATION	STATION	LENGTH
LONG WHARF STREET	LEFT	35+40	36+10	73'
LONG WHARF STREET	RIGHT	35+39	35+56	17'
LONG WHARF STREET	RIGHT	35+83	36+10	26'
ACCESS ROAD 120	RIGHT	120+35	121+49	106'

GRANITE STONE CURBING TABLE

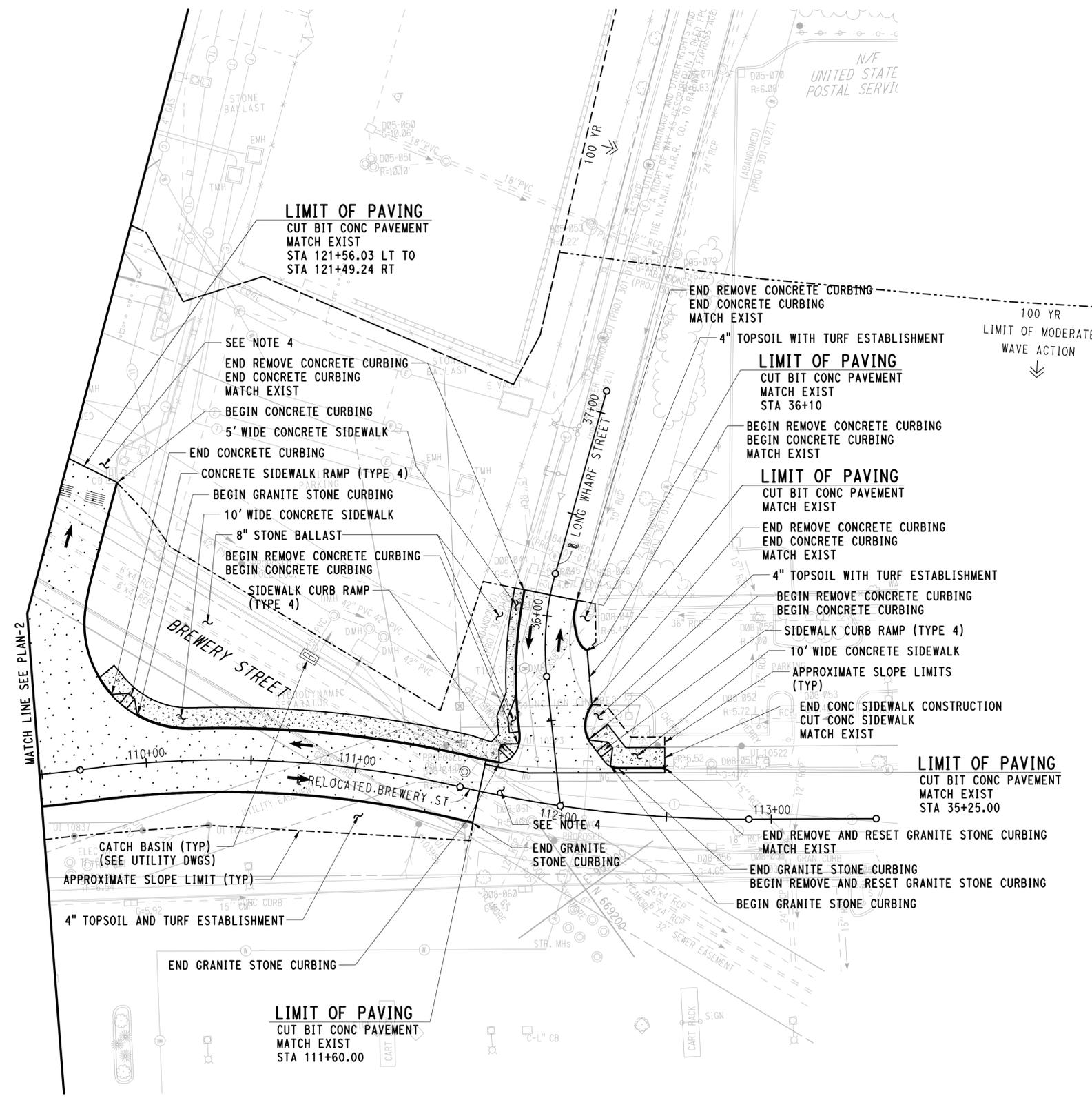
LOCATION	OFFSET	STATION	STATION	LENGTH
RELOCATED BREWERY STREET	LEFT	109+98	111+60	170'
BREWERY STREET	LEFT	111+60	111+66	6'
BREWERY STREET	LEFT	112+21	112+25	4'
RELOCATED BREWERY STREET	RIGHT	109+49	111+60	211'

REMOVE AND RESET GRANITE STONE CURBING TABLE

LOCATION	OFFSET	STATION	STATION	LENGTH
BREWERY STREET	LEFT	112+25	112+48	23'



KEY PLAN



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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/25/2015

DESIGNER/DRAFTER: **JFK/JLD**
 CHECKED BY: **WPD**
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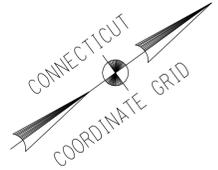
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE: PARSONS BRINCKERHOFF
 GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**
 PROJECT NO. **301-0124**
 DRAWING NO. **CP-003**
 SHEET NO. **04.15**

DRAWING TITLE:
**GENERAL SITE
 PLAN-3**

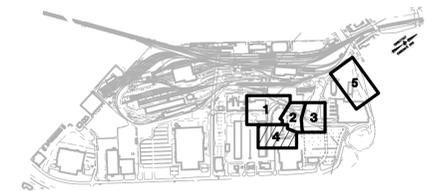


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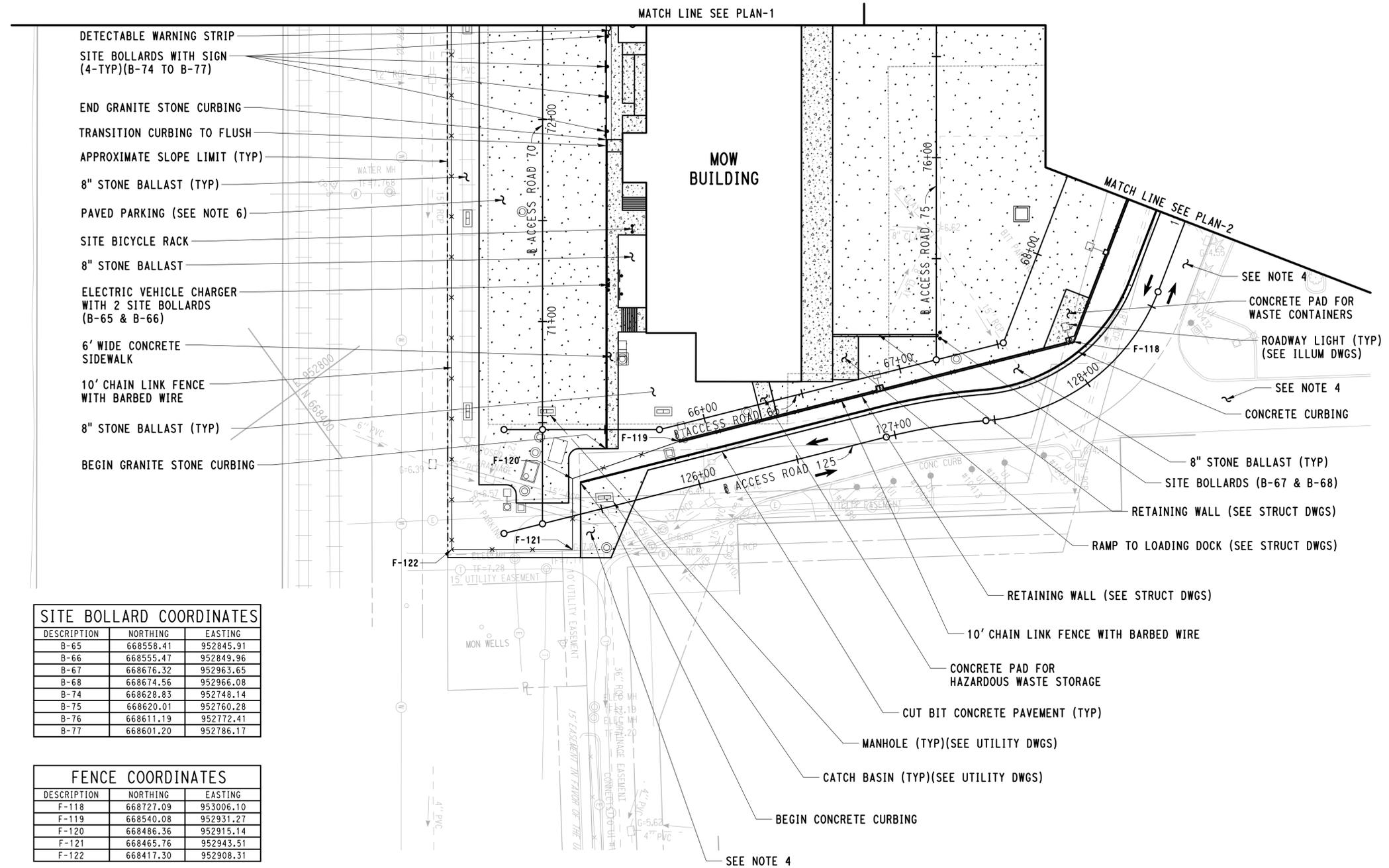
- PAVED
- CONCRETE
- TWO-WAY TRAFFIC FLOW
- BI-DIRECTIONAL TRAFFIC FLOW
- APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
- APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
- APPROXIMATE SLOPE LIMIT

NOTES:

1. FOR GEOMETRIC LAYOUT OF ACCESS ROADS AND PAVED DRIVEWAYS, SEE ROADWAY ALIGNMENT PLANS.
2. FOR ADDITIONAL INFORMATION, REFER TO GRADING PLANS AND CIVIL MISCELLANEOUS DETAILS.
3. FOR UTILITY WORK, SEE UTILITY DRAWINGS.
4. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES DURING CONSTRUCTION. FOR FURTHER INFORMATION REFER TO CONSTRUCTION STAGING PLANS THAT IDENTIFY TRAVEL PATHS TO BE MAINTAINED DURING EACH STAGE OF CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH OTHER CONCURRENT CONSTRUCTION PROJECTS.
6. ALL CURBING SHALL TAPER TO A FLUSH CONDITION OVER A 2' DISTANCE WHERE IT DOES NOT MATCH UP TO EXISTING CURBING OR OTHER VERTICAL SURFACE.



KEY PLAN



- DETECTABLE WARNING STRIP
- SITE BOLLARDS WITH SIGN (4-TYP)(B-74 TO B-77)
- END GRANITE STONE CURBING
- TRANSITION CURBING TO FLUSH
- APPROXIMATE SLOPE LIMIT (TYP)
- 8" STONE BALLAST (TYP)
- PAVED PARKING (SEE NOTE 6)
- SITE BICYCLE RACK
- 8" STONE BALLAST
- ELECTRIC VEHICLE CHARGER WITH 2 SITE BOLLARDS (B-65 & B-66)
- 6' WIDE CONCRETE SIDEWALK
- 10' CHAIN LINK FENCE WITH BARBED WIRE
- 8" STONE BALLAST (TYP)
- BEGIN GRANITE STONE CURBING

SITE BOLLARD COORDINATES

DESCRIPTION	NORTHING	EASTING
B-65	668558.41	952845.91
B-66	668555.47	952849.96
B-67	668676.32	952963.65
B-68	668674.56	952966.08
B-74	668628.83	952748.14
B-75	668620.01	952760.28
B-76	668611.19	952772.41
B-77	668601.20	952786.17

FENCE COORDINATES

DESCRIPTION	NORTHING	EASTING
F-118	668727.09	953006.10
F-119	668540.08	952931.27
F-120	668486.36	952915.14
F-121	668465.76	952943.51
F-122	668417.30	952908.31

GRANITE STONE CURBING TABLE

LOCATION	OFFSET	STATION	STATION	LENGTH
ACCESS ROAD 70	RIGHT	70+37	71+90	153'

CONCRETE CURBING TABLE

LOCATION	OFFSET	STATION	STATION	LENGTH
ACCESS ROAD 125	LEFT	125+43	128+95	352'

MISC IMPROVEMENTS

DESCRIPTION	NORTHING	EASTING
SITE BICYCLE RACK	668582.87	952832.54
ELECTRIC VEHICLE CHARGER	668557.18	952848.12

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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK/JLD
CHECKED BY:
WPD
SCALE IN FEET
0 30 60
SCALE 1"=30'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PARSONS BRINCKERHOFF
GLASTONBURY, CT

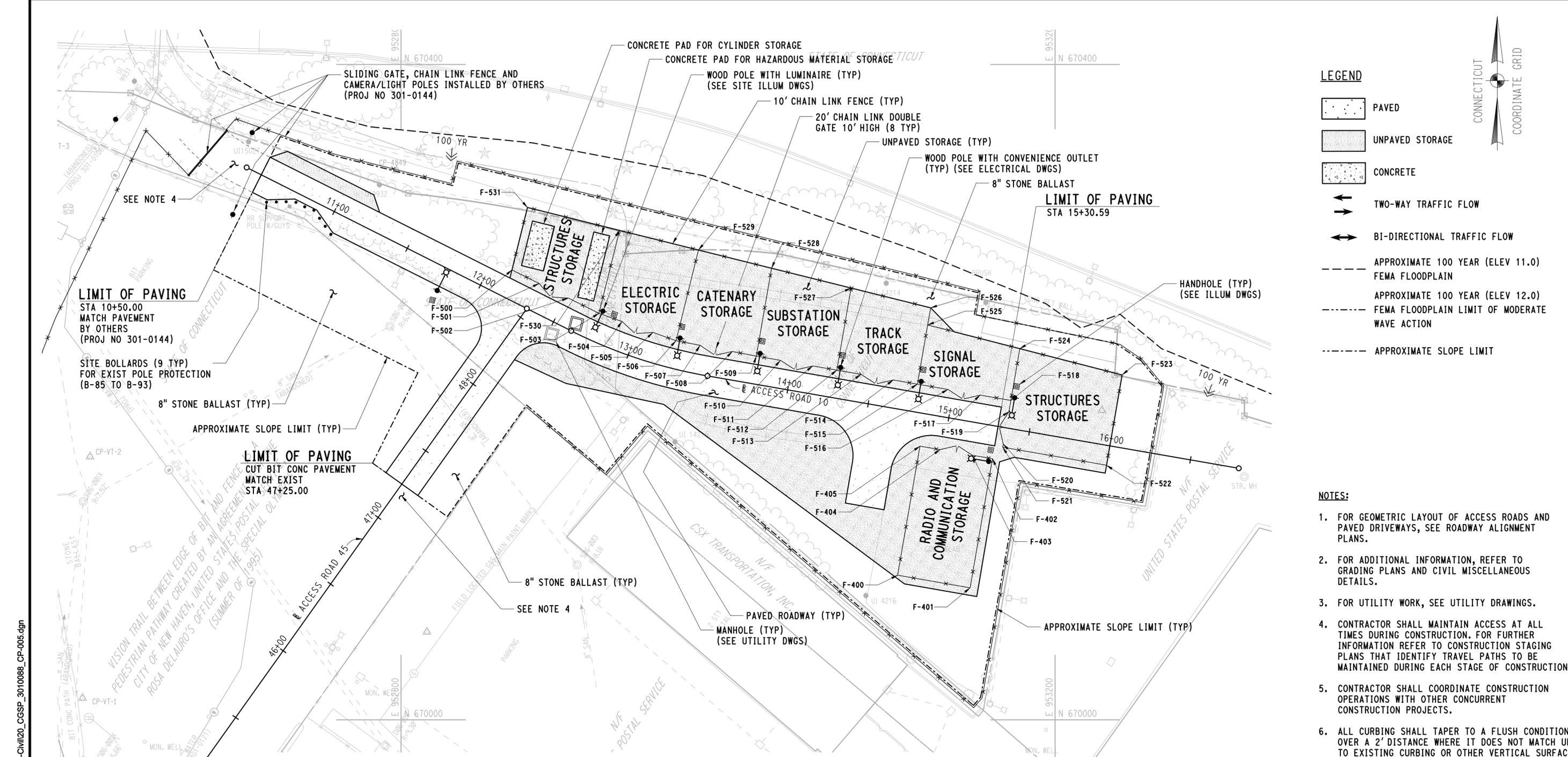
PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**GENERAL SITE
PLAN-4**

PROJECT NO.
301-0124
DRAWING NO.
CP-004
SHEET NO.
04.16

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/28/2015

Filename: 20_CGSP_3010088_CP-004.dgn



LEGEND

- PAVED
- UNPAVED STORAGE
- CONCRETE
- TWO-WAY TRAFFIC FLOW
- BI-DIRECTIONAL TRAFFIC FLOW
- APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
- APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
- APPROXIMATE SLOPE LIMIT

NOTES:

1. FOR GEOMETRIC LAYOUT OF ACCESS ROADS AND PAVED DRIVEWAYS, SEE ROADWAY ALIGNMENT PLANS.
2. FOR ADDITIONAL INFORMATION, REFER TO GRADING PLANS AND CIVIL MISCELLANEOUS DETAILS.
3. FOR UTILITY WORK, SEE UTILITY DRAWINGS.
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SITE BOLLARD COORDINATES

DESCRIPTION	NORTHING	EASTING
B-85	670315.95	952717.74
B-86	670316.09	952723.74
B-87	670316.24	952729.74
B-88	670315.86	952735.72
B-89	670313.16	952741.09
B-90	670311.03	952746.70
B-91	670306.13	952750.16
B-92	670301.23	952753.62
B-93	670296.33	952757.08

FENCE COORDINATES

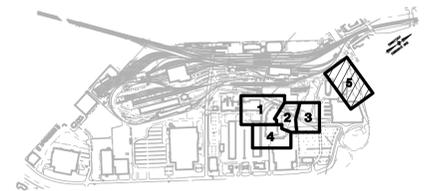
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F-400	670088.23	953103.69
F-401	670080.54	953148.03
F-402	670159.36	953161.71
F-403	670161.50	953149.39
F-404	670164.92	953129.69
F-405	670167.05	953117.37
F-500	670274.59	952867.86
F-501	670266.33	952884.47
F-502	670257.42	952902.37
F-503	670248.12	952921.05
F-504	670243.11	952935.19
F-505	670236.43	952954.04
F-506	670231.42	952968.18

FENCE COORDINATES

DESCRIPTION	NORTHING	EASTING
F-507	670228.59	952982.91
F-508	670224.81	953002.55
F-509	670221.98	953017.29
F-510	670219.41	953032.07
F-511	670215.99	953051.77
F-512	670213.43	953066.55
F-513	670210.86	953081.36
F-514	670207.45	953101.00
F-515	670204.88	953115.81
F-516	670201.63	953134.53
F-517	670198.21	953154.24
F-518	670194.96	953172.96
F-519	670188.06	953171.76

FENCE COORDINATES

DESCRIPTION	NORTHING	EASTING
F-520	670168.36	953168.34
F-521	670166.39	953168.00
F-522	670155.37	953231.46
F-523	670210.47	953241.02
F-524	670226.54	953178.44
F-525	670241.02	953122.09
F-526	670251.48	953123.90
F-527	670263.56	953075.25
F-528	670275.65	953026.60
F-529	670286.75	952981.93
F-530	670298.75	952933.63
F-531	670312.73	952877.34



KEY PLAN

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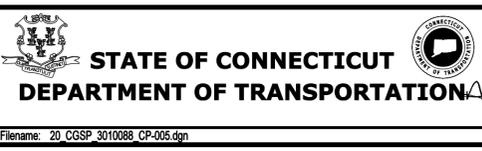
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE:
[Signature]
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**

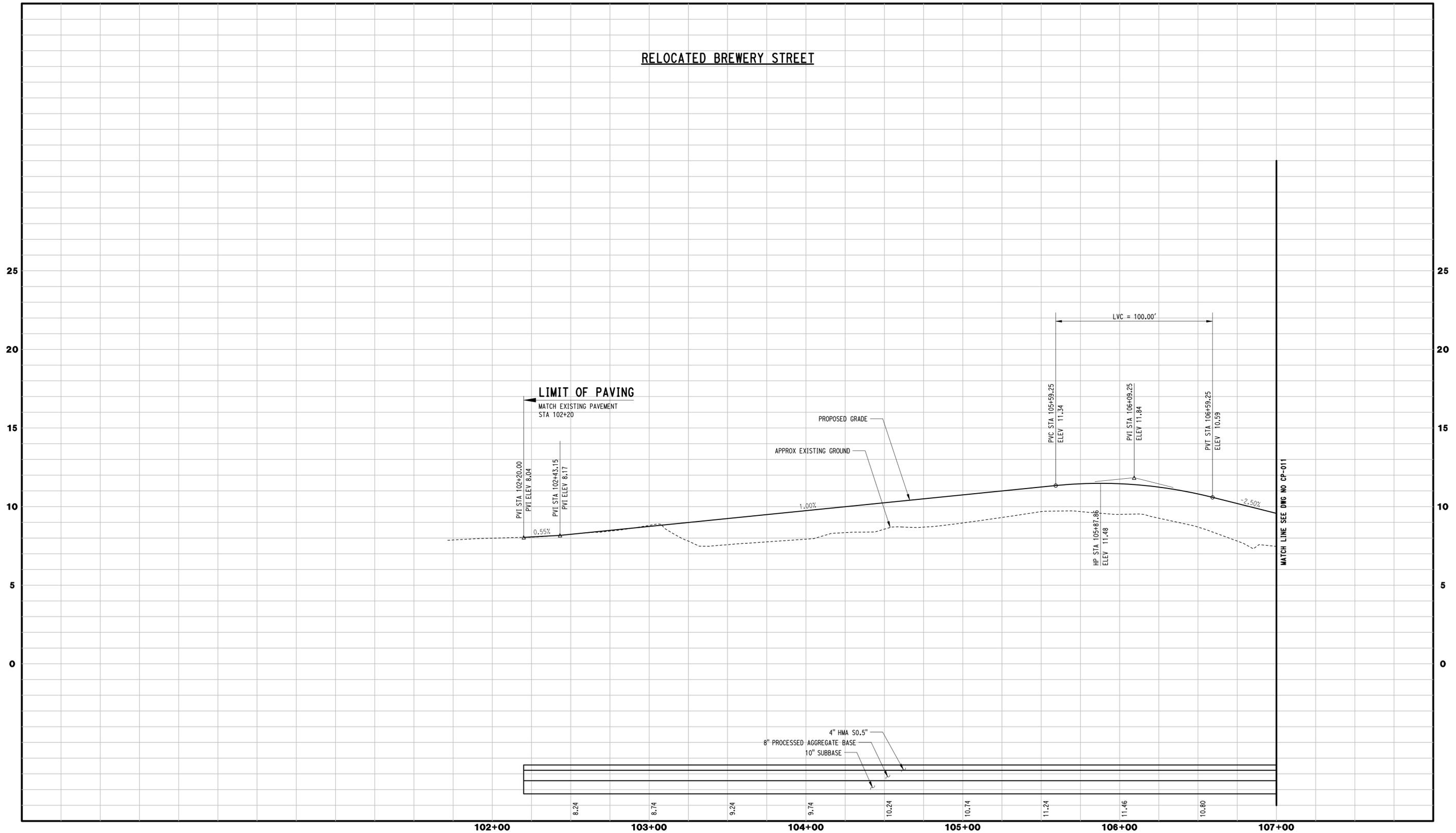
PROJECT NO.: **301-0124**

DRAWING TITLE: **GENERAL SITE
PLAN-5**

DRAWING NO.: **CP-005**

SHEET NO.: **04.17**

RELOCATED BREWERY STREET



NOTE: ALL ELEVATIONS DEPICTED REPRESENT PROPOSED GRADE.

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD
CHECKED BY:
WPD
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VERT. SCALE IN FEET
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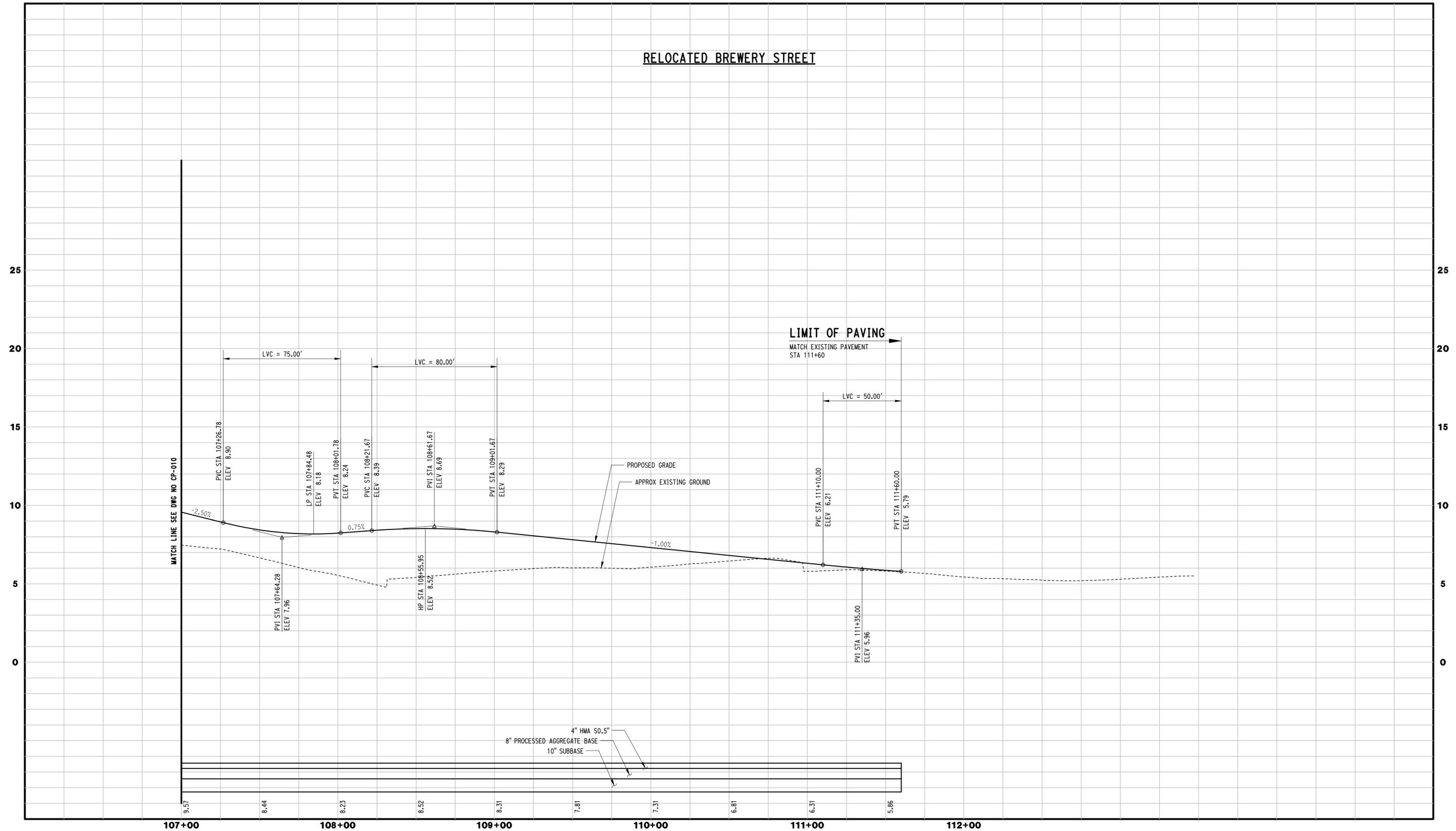
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BLOOMFIELD, CT
STATE OF CONNECTICUT
PROFESSIONAL ENGINEER

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
ROADWAY PROFILES

PROJECT NO.
301-0124
DRAWING NO.
CP-010
SHEET NO.
04.18

RELOCATED BREWERY STREET



NOTE: ALL ELEVATIONS DEPICTED REPRESENT PROPOSED GRADE.

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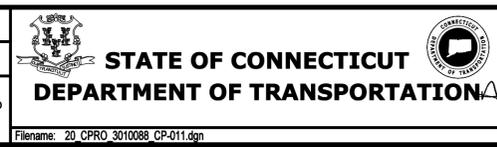
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 3/25/2015

DESIGNER/DRAFTER: **JFK / JLD**
 CHECKED BY: **WPD**

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 VERT. SCALE IN FEET: 1" = 3'



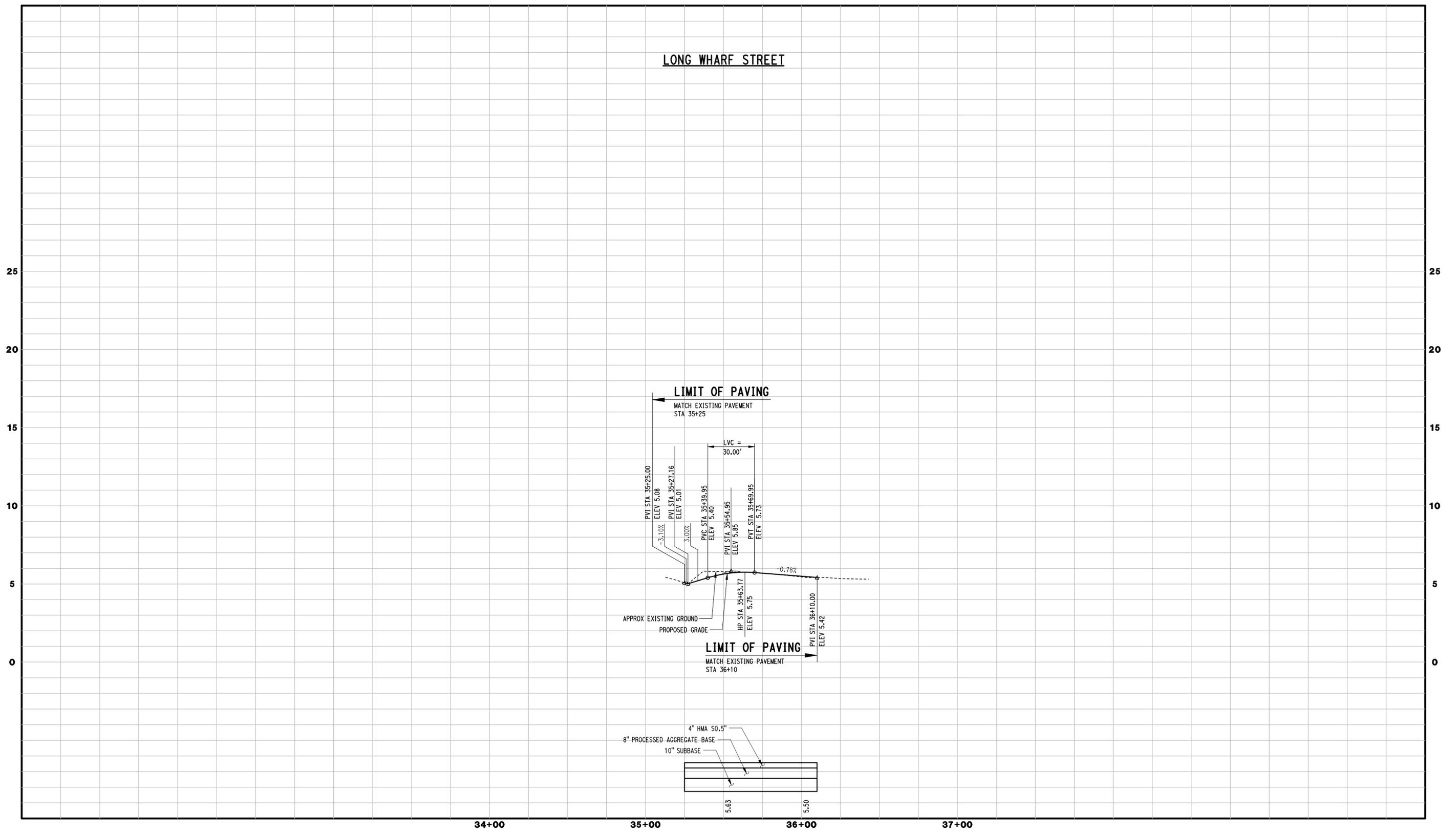
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 BLOOMINGDALE, CT
 PARSONS BRINCKERHOFF
 GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**
 DRAWING TITLE: **ROADWAY PROFILES**

PROJECT NO. **301-0124**
 DRAWING NO. **CP-011**
 SHEET NO. **04.19**

LONG WHARF STREET



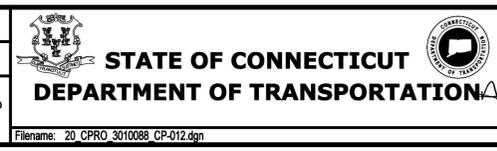
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD
CHECKED BY:
WPD
HORIZ. SCALE IN FEET
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VERT. SCALE IN FEET
0 3 6



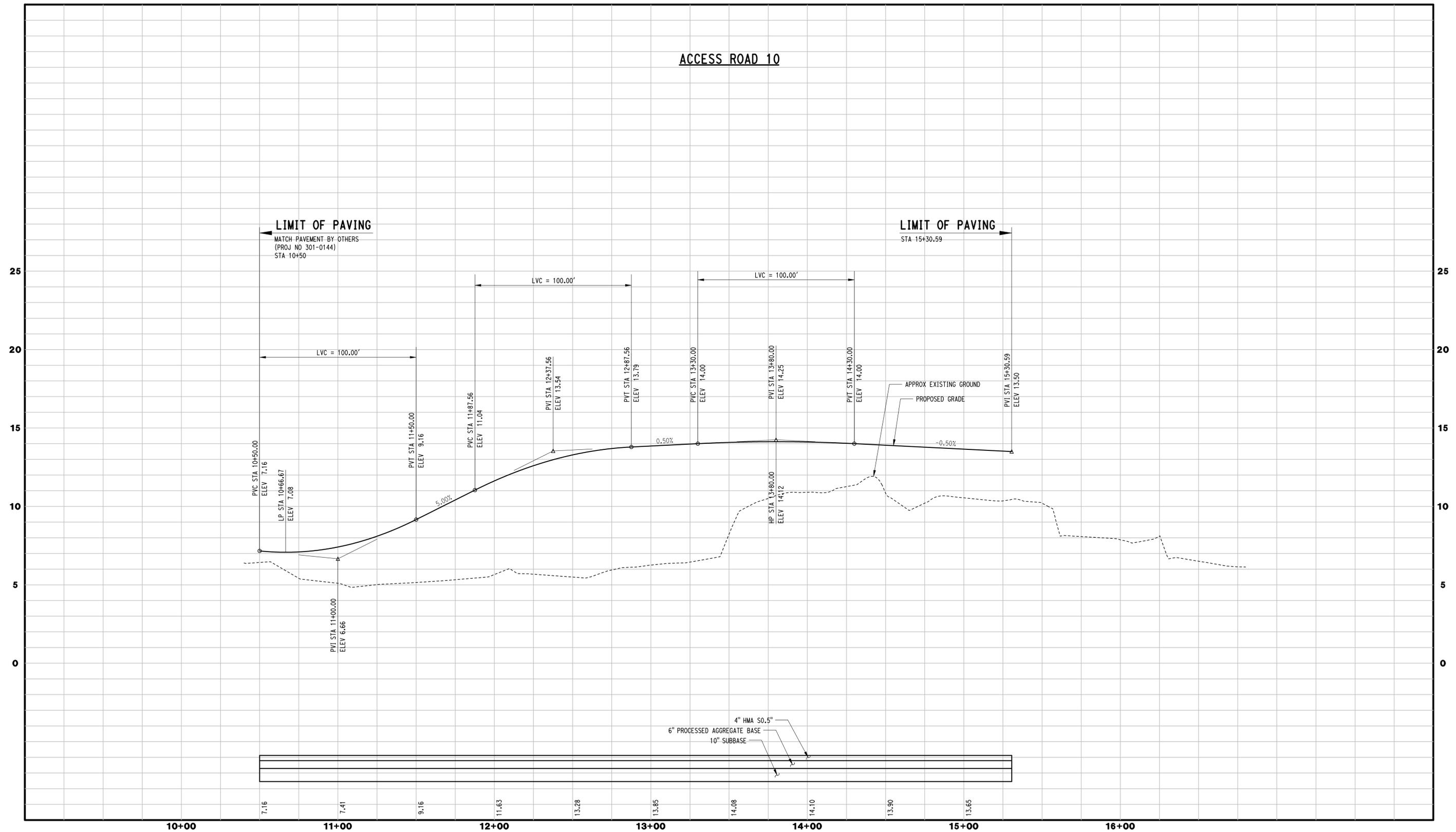
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STATE OF CONNECTICUT
PROFESSIONAL ENGINEER

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
ROADWAY PROFILES

PROJECT NO.
301-0124
DRAWING NO.
CP-012
SHEET NO.
04.20

ACCESS ROAD 10



NOTE: ALL ELEVATIONS DEPICTED REPRESENT PROPOSED GRADE.

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK/JLD
CHECKED BY:
WPD
HORIZ. SCALE IN FEET
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VERT. SCALE IN FEET
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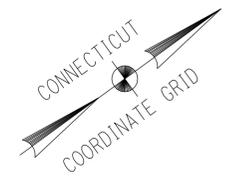


SIGNATURE
BLOOM
STATE OF CONNECTICUT
PROFESSIONAL ENGINEER

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
ROADWAY PROFILES

PROJECT NO.
301-0124
DRAWING NO.
CP-013
SHEET NO.
04.21

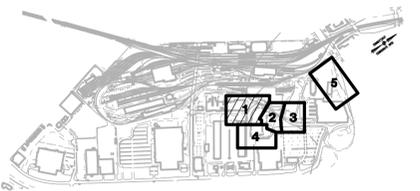


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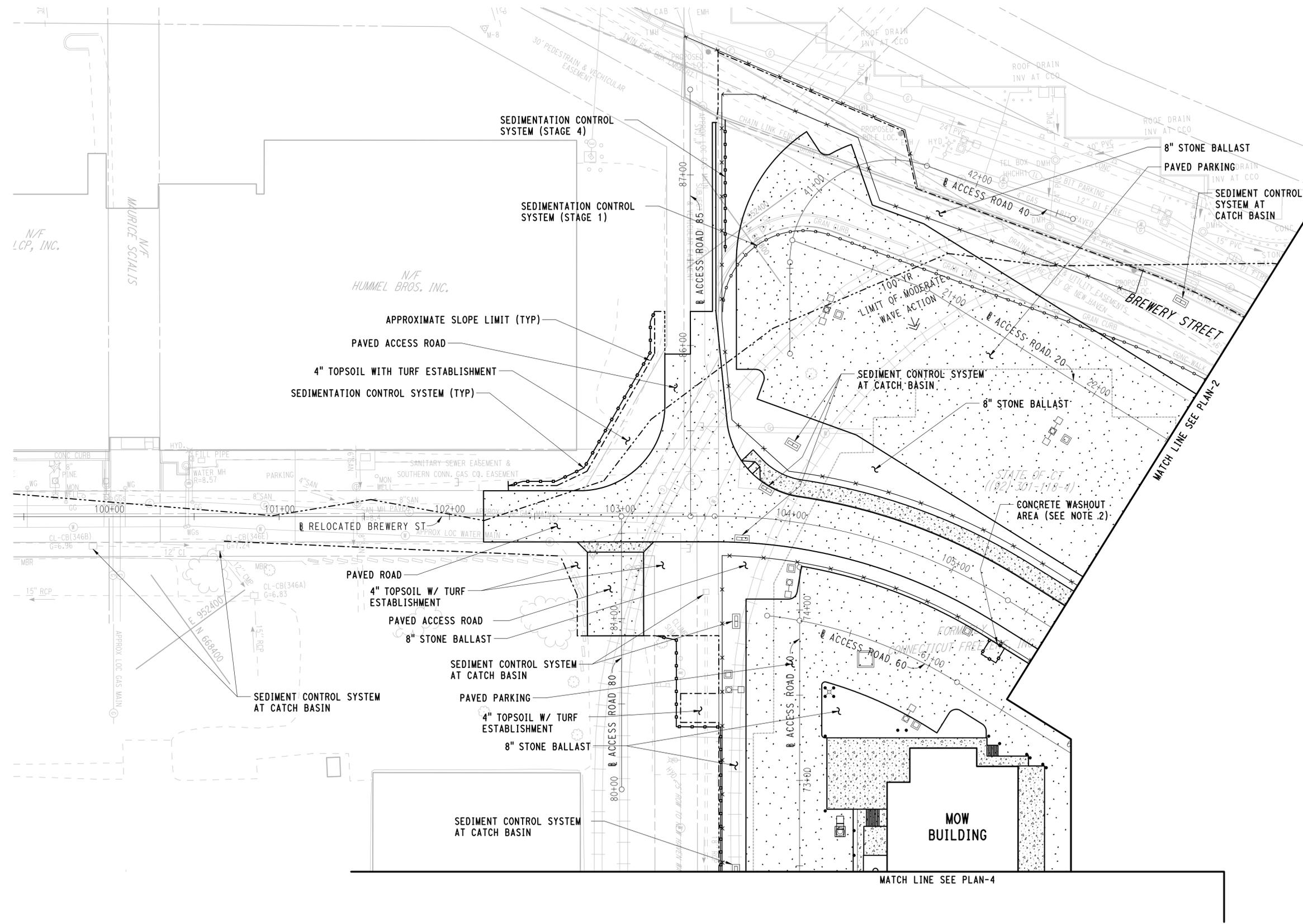
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-  CONCRETE
-  APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
-  APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
-  APPROXIMATE SLOPE LIMIT
-  SEDIMENTATION CONTROL SYSTEM

NOTES:

1. FOR ADDITIONAL INFORMATION, REFER TO GENERAL NOTES AND CIVIL MISCELLANEOUS DETAILS.
2. CONTRACTOR SHALL MAINTAIN 10'X10' AREA DESIGNATED FOR THE WASHOUT OF CONCRETE TRUCKS. AREA IS TO BE A MINIMUM OF 2' DEEP AND SHALL INCLUDE A SIGN TO IDENTIFY ITS INTENDED USE. CONTRACTOR SHALL REMOVE AND DISPOSE OF ACCUMULATED CONCRETE REMAINS PERIODICALLY OR AS DIRECTED BY ENGINEER.



KEY PLAN



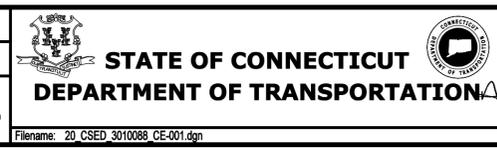
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/31/2015

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

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SCALE 1"=30'



SIGNATURE:
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

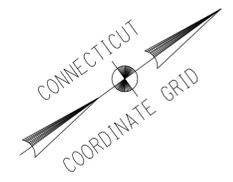
TOWN:
NEW HAVEN

DRAWING TITLE:
**SEDIMENTATION AND
EROSION CONTROL PLAN-1**

PROJECT NO.
301-0124

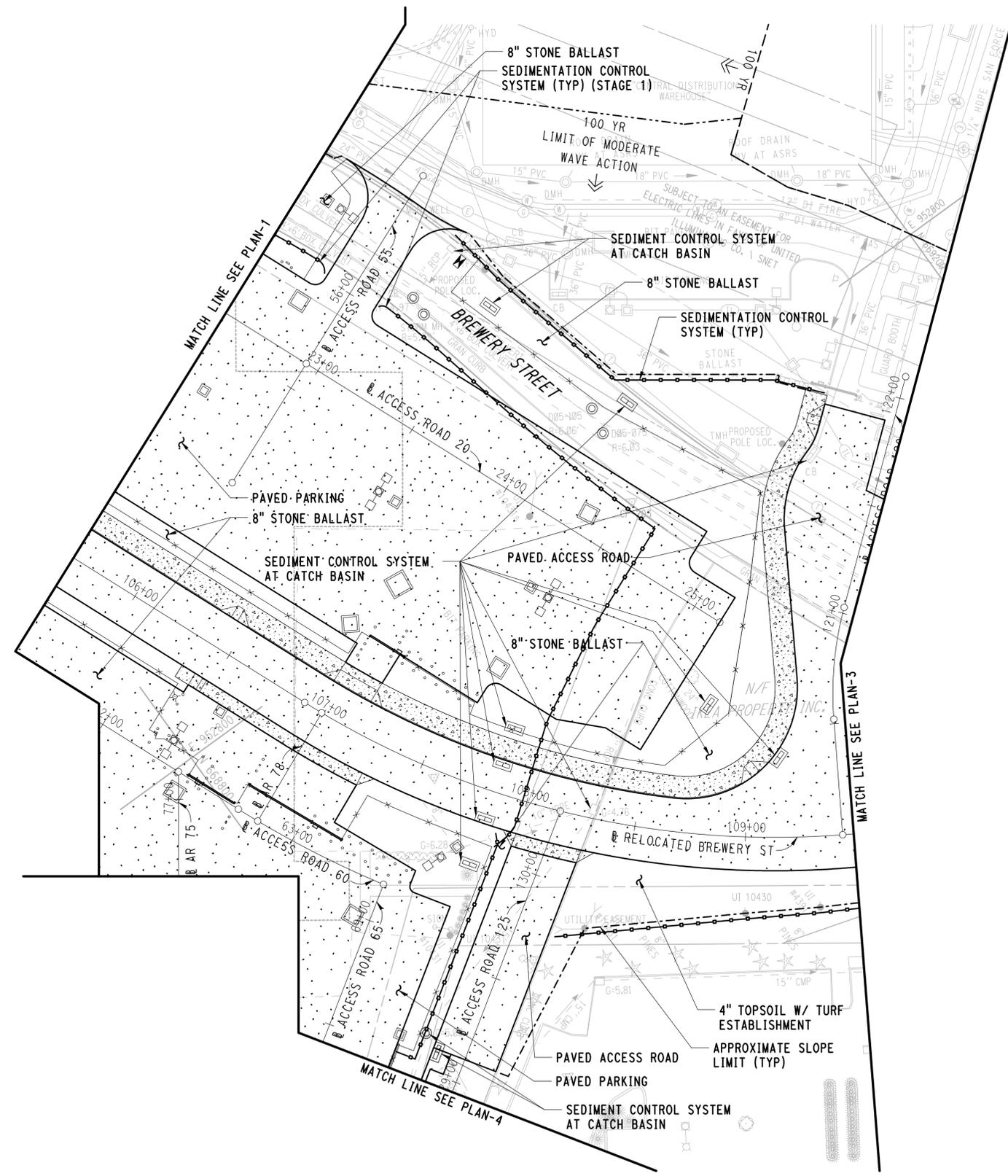
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CE-001

SHEET NO.
04.22



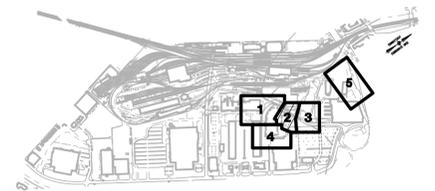
LEGEND

- PAVED
- CONCRETE
- APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
- APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
- APPROXIMATE SLOPE LIMIT
- SEDIMENTATION CONTROL SYSTEM



NOTE:

FOR ADDITIONAL INFORMATION, REFER TO GENERAL NOTES AND CIVIL MISCELLANEOUS DETAILS.



KEY PLAN

3/31/2015 7:23:56 AM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CSED_3010088_CE-002.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

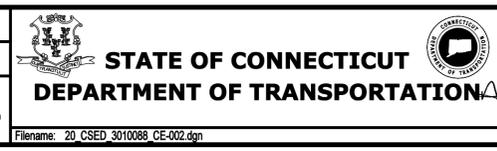
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JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET

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SCALE 1"=30'



SIGNATURE: *[Signature]*

BLOCK: **PARSONS BRINCKERHOFF
GLASTONBURY, CT**

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

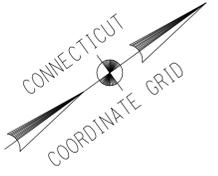
TOWN:
NEW HAVEN

DRAWING TITLE:
**SEDIMENTATION AND
EROSION CONTROL PLAN-2**

PROJECT NO.
301-0124

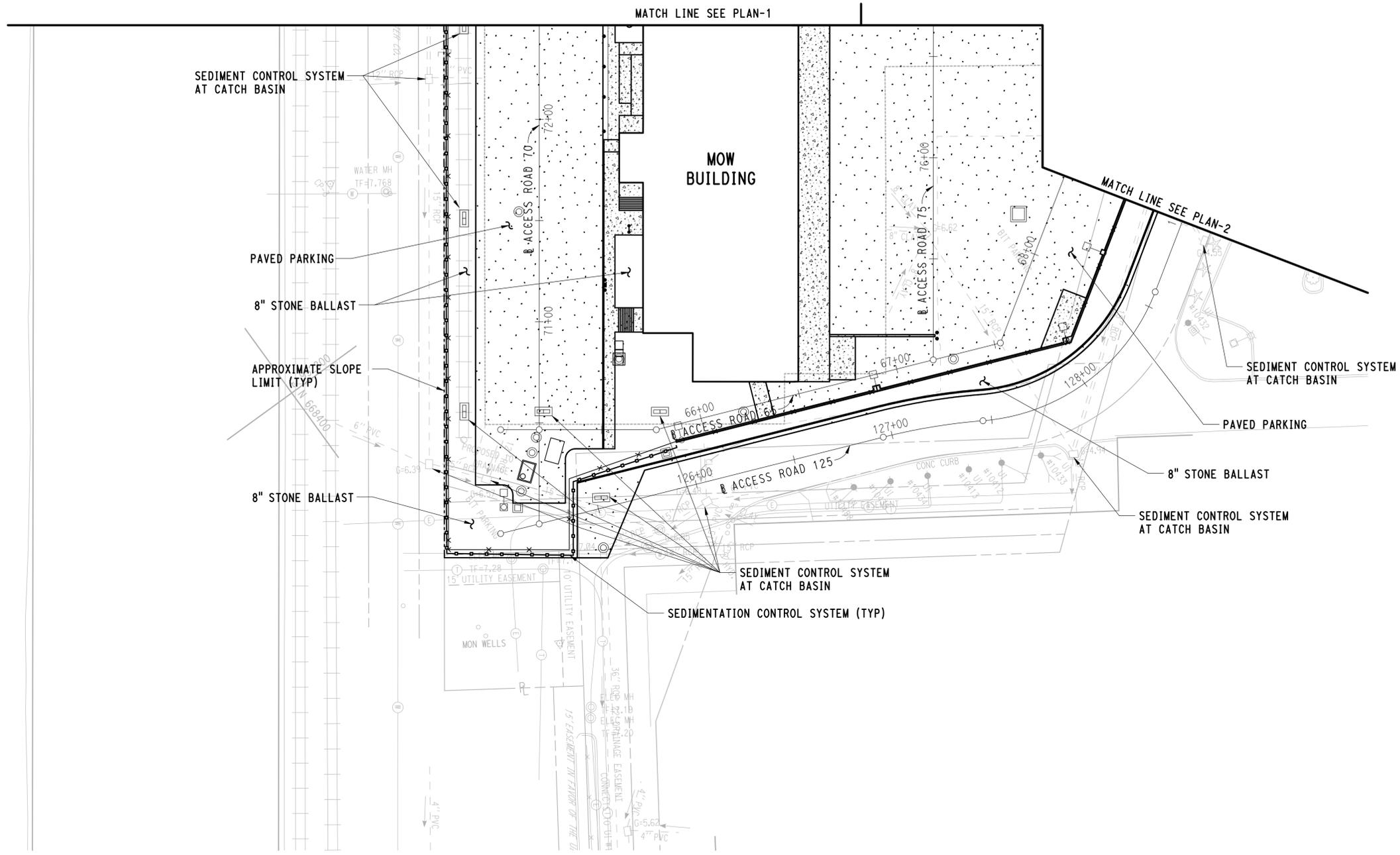
DRAWING NO.
CE-002

SHEET NO.
04.23



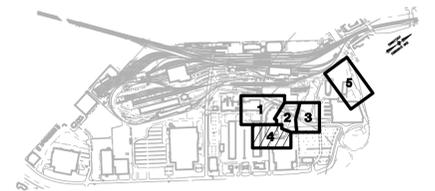
LEGEND

-  PAVED
-  CONCRETE
-  APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
-  APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
-  APPROXIMATE SLOPE LIMIT
-  SEDIMENTATION CONTROL SYSTEM



NOTES:

1. FOR ADDITIONAL INFORMATION, REFER TO GENERAL NOTES AND CIVIL MISCELLANEOUS DETAILS.



KEY PLAN

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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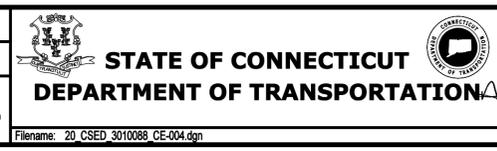
DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET

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SCALE 1"=30'



SIGNATURE

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:

**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:

NEW HAVEN

DRAWING TITLE:

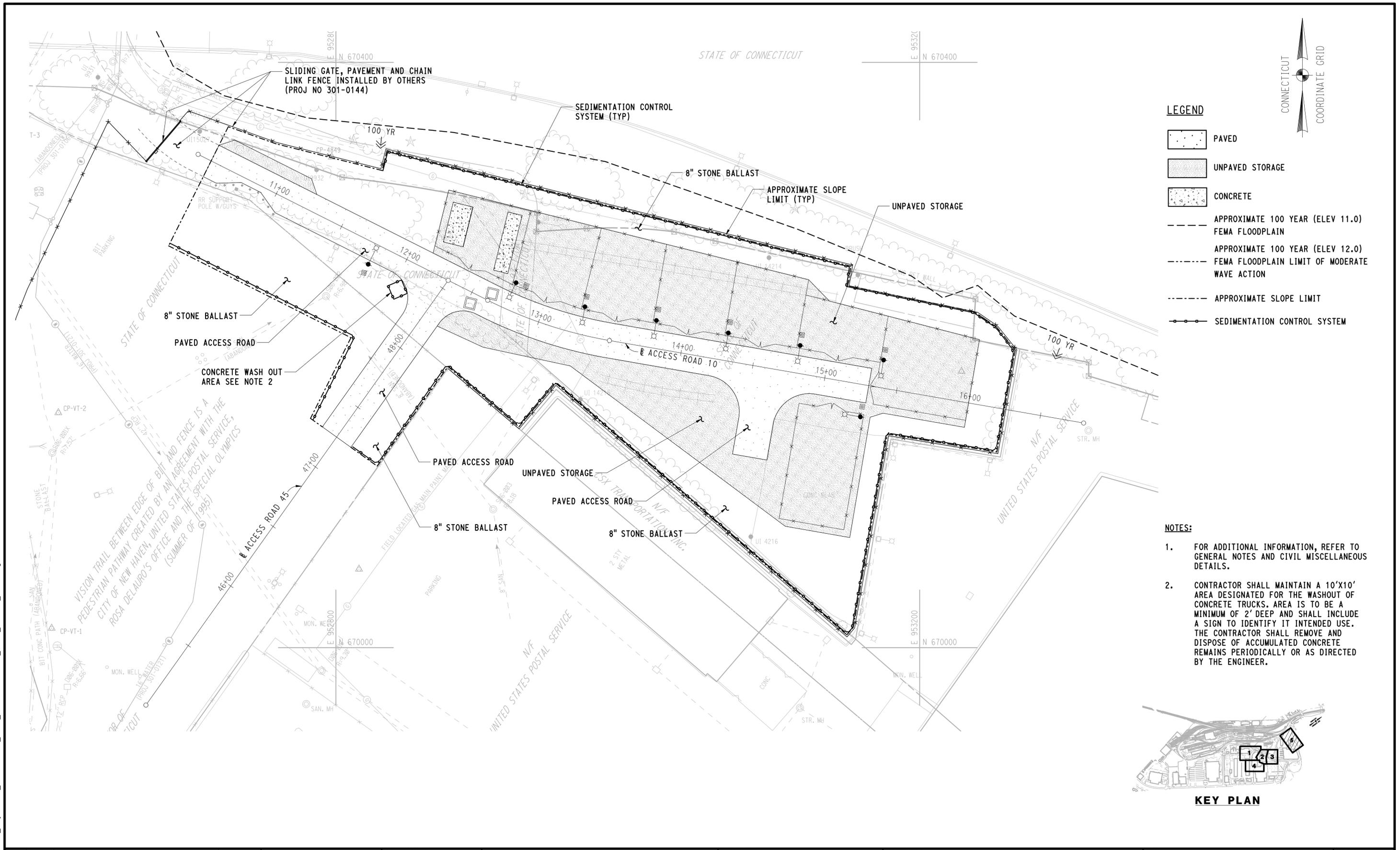
**SEDIMENTATION AND
EROSION CONTROL PLAN-4**

PROJECT NO.
301-0124

DRAWING NO.
CE-004

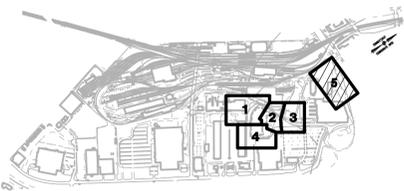
SHEET NO.
04.25

3/28/2015 12:37:34 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\2014-Civil\20_CSED_3010088_CE-005.dgn



- LEGEND**
- PAVED
 - UNPAVED STORAGE
 - CONCRETE
 - APPROXIMATE 100 YEAR (ELEV 11.0) FEMA FLOODPLAIN
 - APPROXIMATE 100 YEAR (ELEV 12.0) FEMA FLOODPLAIN LIMIT OF MODERATE WAVE ACTION
 - APPROXIMATE SLOPE LIMIT
 - SEDIMENTATION CONTROL SYSTEM

- NOTES:**
1. FOR ADDITIONAL INFORMATION, REFER TO GENERAL NOTES AND CIVIL MISCELLANEOUS DETAILS.
 2. CONTRACTOR SHALL MAINTAIN A 10'X10' AREA DESIGNATED FOR THE WASHOUT OF CONCRETE TRUCKS. AREA IS TO BE A MINIMUM OF 2' DEEP AND SHALL INCLUDE A SIGN TO IDENTIFY IT INTENDED USE. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ACCUMULATED CONCRETE REMAINS PERIODICALLY OR AS DIRECTED BY THE ENGINEER.



KEY PLAN

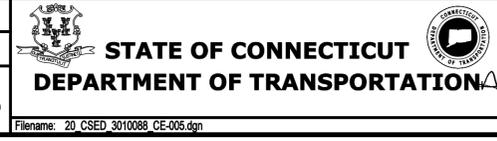
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

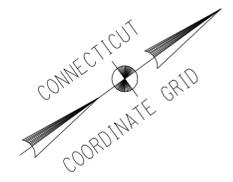
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SCALE 1"=30'



SIGNATURE:
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN: NEW HAVEN	PROJECT NO. 301-0124
DRAWING TITLE: SEDIMENTATION AND EROSION CONTROL PLAN-5	DRAWING NO. CE-005
	SHEET NO. 04.26

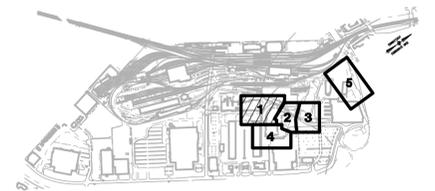
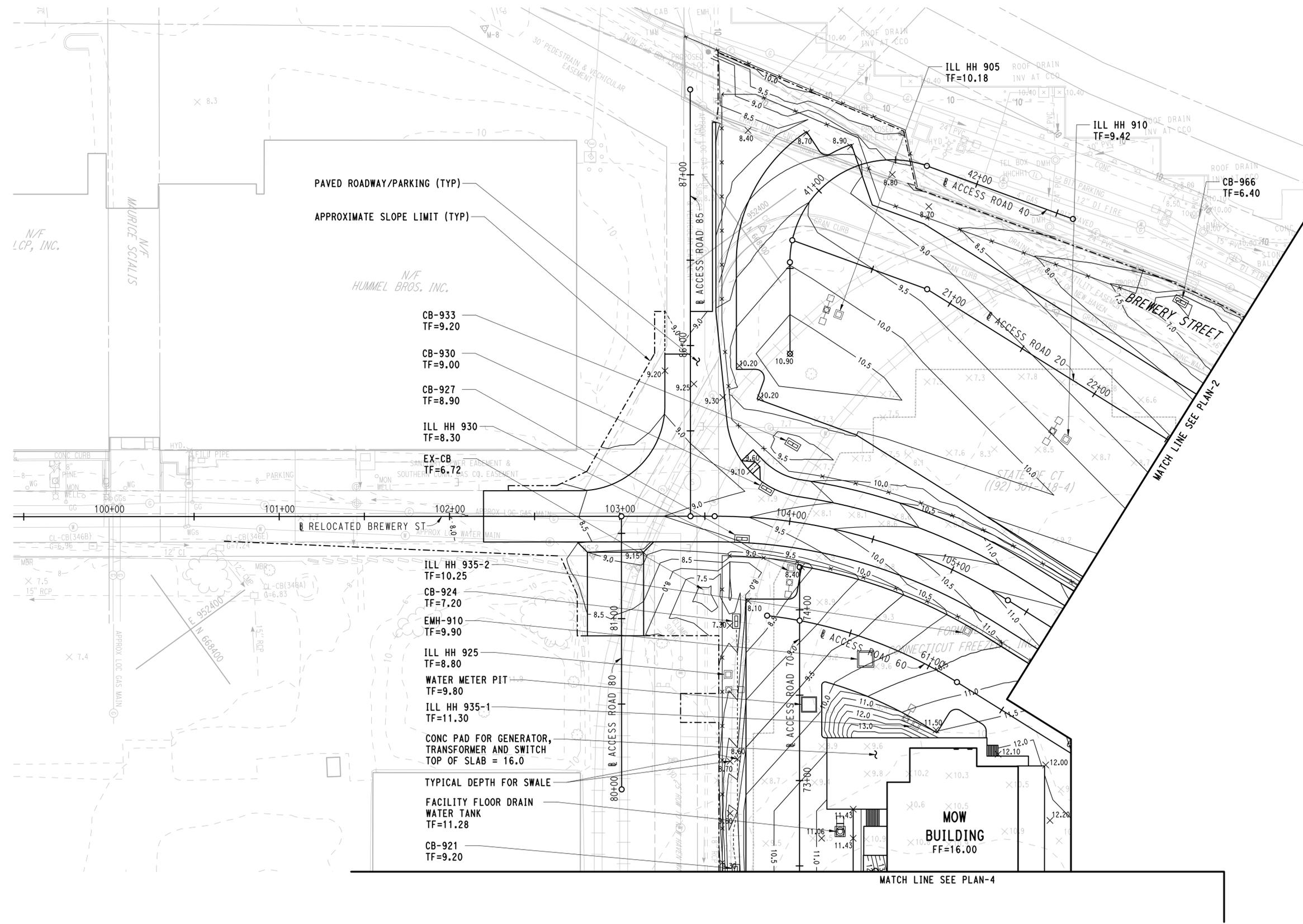


LEGEND

- 10' EXISTING CONTOURS
- 10' EXISTING CONTOURS
- 10.30 EXISTING SPOT ELEVATION
- 10.5' PROPOSED CONTOURS
- 10.30 PROPOSED SPOT ELEVATION
- PROPOSED SWALE

NOTES:

1. PROPOSED CONTOUR INTERVAL = 0.5'.
2. REFER TO ROADWAY PROFILES AND CROSS SECTIONS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL RESET GATE VALVES WITHIN THE LIMITS OF CONSTRUCTION TO FINISHED GRADE. WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY.



KEY PLAN

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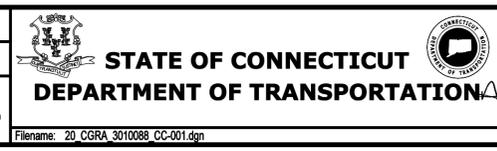
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
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SCALE 1"=30'



SIGNATURE OF PROFESSIONAL ENGINEER:
[Signature]

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

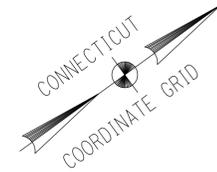
TOWN:
NEW HAVEN

DRAWING TITLE:
GRADING PLAN-1

PROJECT NO.
301-0124

DRAWING NO.
CC-001

SHEET NO.
04.27

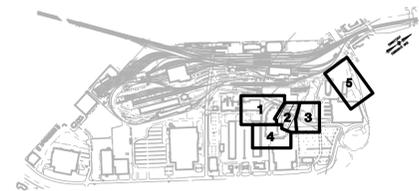
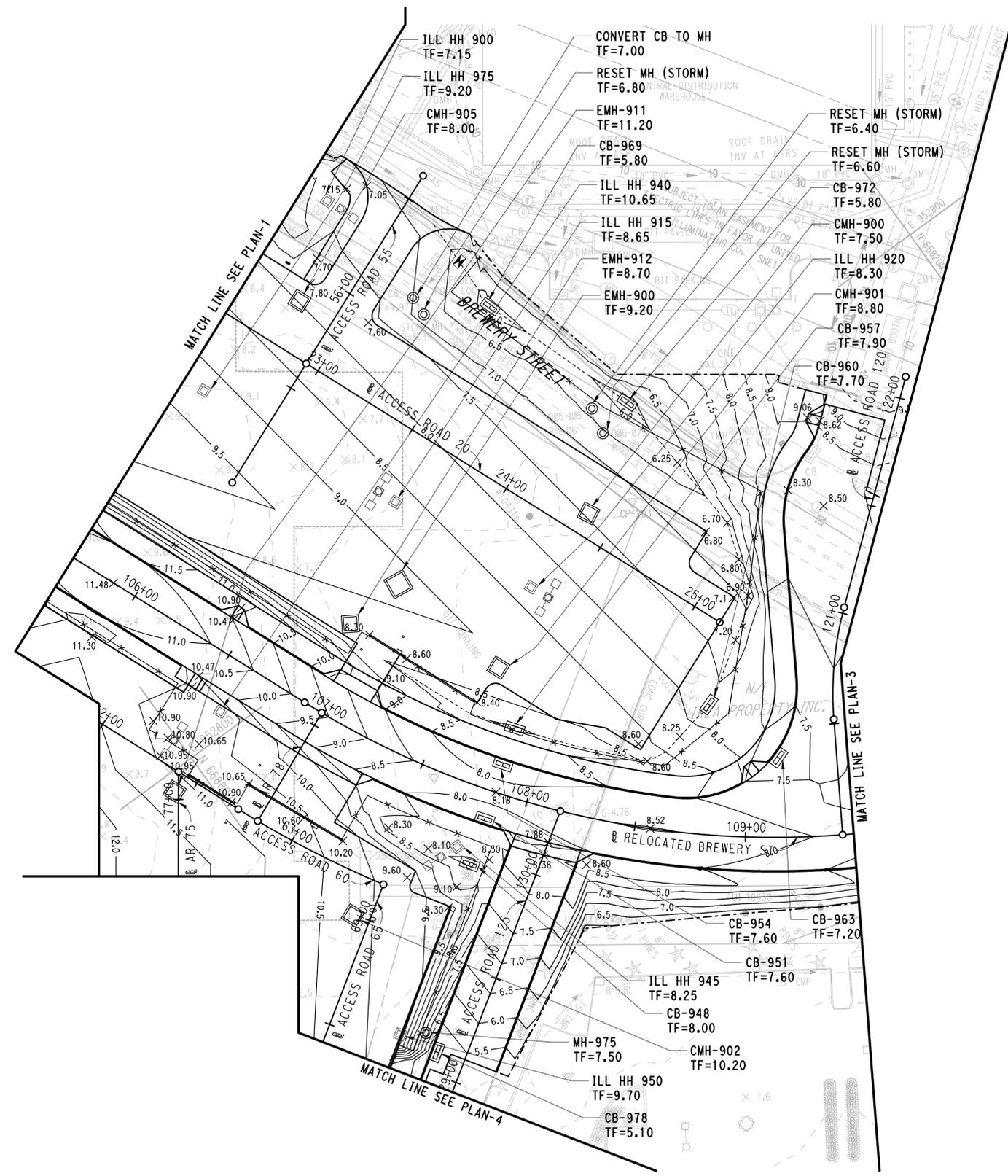


LEGEND

- 10 EXISTING CONTOURS
- 10 EXISTING SPOT ELEVATION
- 10.5 PROPOSED CONTOURS
- 10.30 PROPOSED SPOT ELEVATION
- PROPOSED SWALE

NOTES:

1. PROPOSED CONTOUR INTERVAL = 0.5'.
2. REFER TO ROADWAY PROFILES AND CROSS SECTIONS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL RESET GATE VALVES WITHIN THE LIMITS OF CONSTRUCTION TO FINISHED GRADE. WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY.



KEY PLAN

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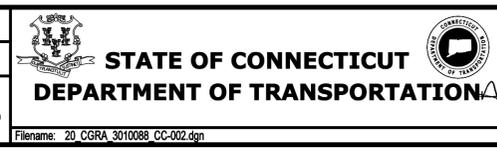
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE
BLOOMING
STATE OF CONNECTICUT
PROFESSIONAL ENGINEER
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

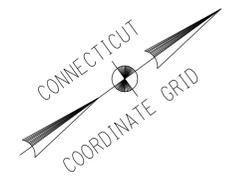
TOWN:
NEW HAVEN

DRAWING TITLE:
GRADING PLAN-2

PROJECT NO.
301-0124

DRAWING NO.
CC-002

SHEET NO.
04.28

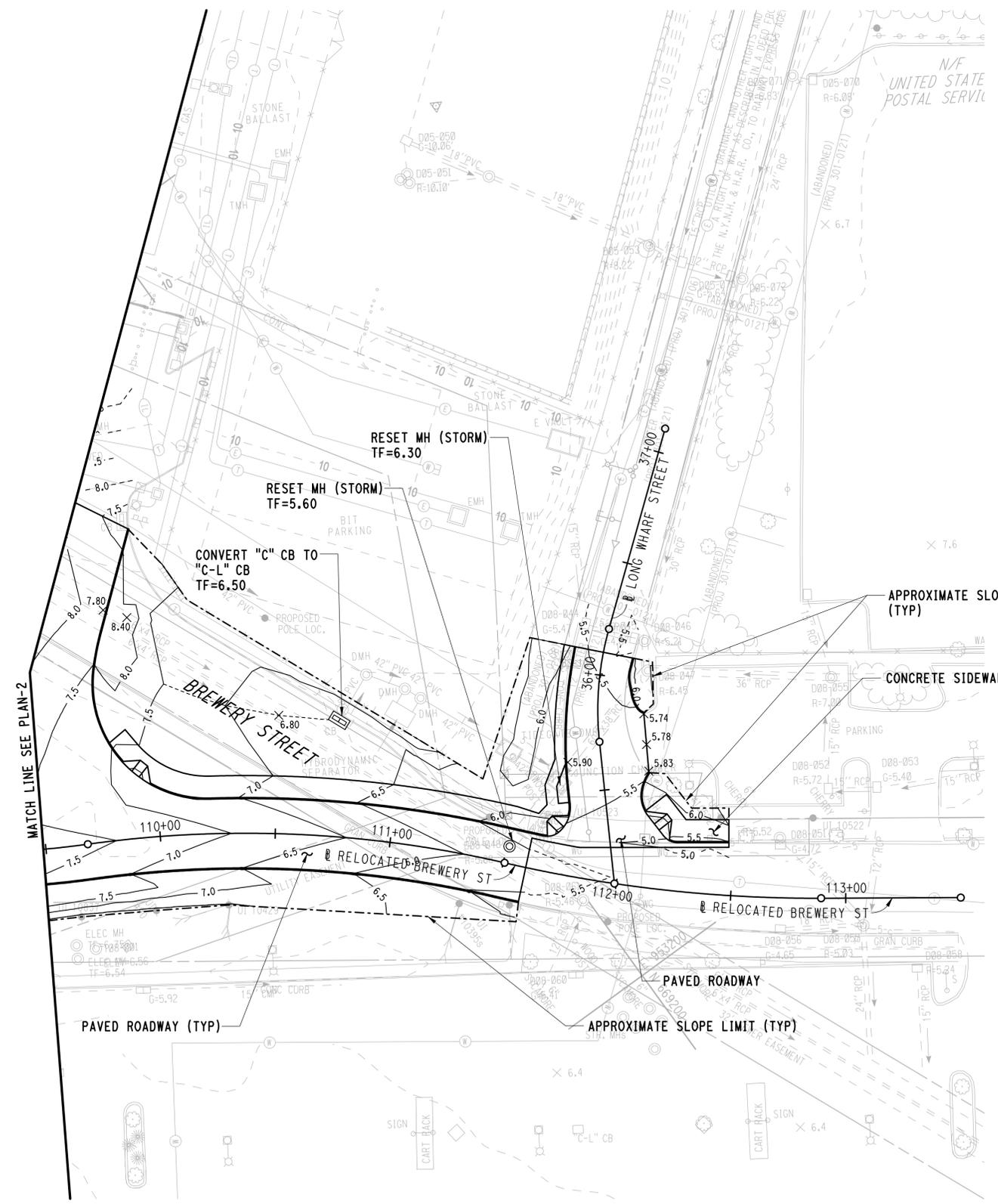


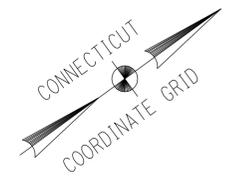
LEGEND

- 10 EXISTING CONTOURS
- 10 EXISTING CONTOURS
- 10.30 EXISTING SPOT ELEVATION
- 10.5 PROPOSED CONTOURS
- 10.30 PROPOSED SPOT ELEVATION
- PROPOSED SWALE

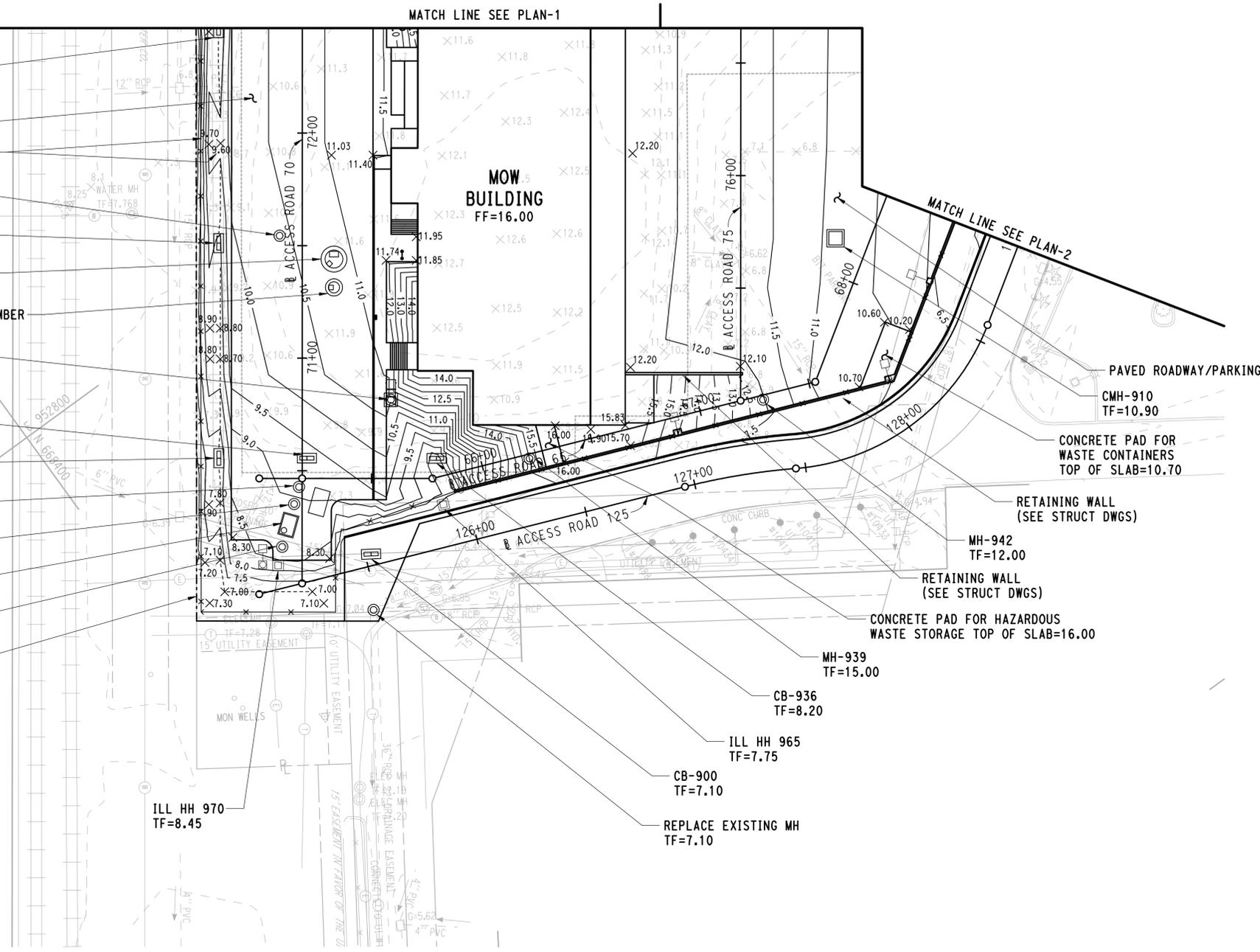
NOTES:

1. PROPOSED CONTOUR INTERVAL = 0.5'.
2. REFER TO ROADWAY PROFILES AND CROSS SECTIONS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL RESET GATE VALVES WITHIN THE LIMITS OF CONSTRUCTION TO FINISHED GRADE. WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY.



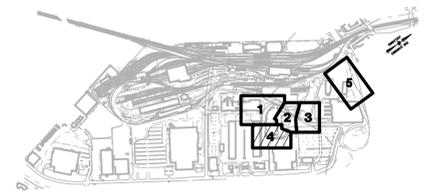


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- PAVED ROADWAY/PARKING
- TYPICAL DEPTH FOR SWALE
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- PUMP STATION - WET WELL
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- PUMP STATION - VALVE CHAMBER
TF=10.80
- FACILITY FLOOR DRAIN
WATER TANK
TF=11.20
- MH-912
TF=9.30
- CB-915
TF=7.60
- MH-909
TF=9.00
- MH-906
TF=8.90
- MH-TG
TF=8.80
- MH-903
TF=8.70
- APPROXIMATE
SLOPE LIMIT
(TYP)



- LEGEND**
- 10 EXISTING CONTOURS
 - 10 EXISTING CONTOURS
 - 10.30 EXISTING SPOT ELEVATION
 - 10.5 PROPOSED CONTOURS
 - 10.30 PROPOSED SPOT ELEVATION
 - PROPOSED SWALE

- NOTES:**
1. PROPOSED CONTOUR INTERVAL = 0.5'.
 2. REFER TO ROADWAY PROFILES AND CROSS SECTIONS FOR ADDITIONAL INFORMATION.
 3. CONTRACTOR SHALL RESET GATE VALVES WITHIN THE LIMITS OF CONSTRUCTION TO FINISHED GRADE. WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY.



KEY PLAN

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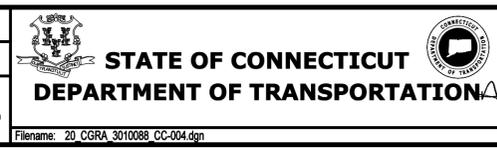
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK/JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60

SCALE 1"=30'



SIGNATURE: [Signature]

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

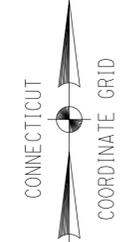
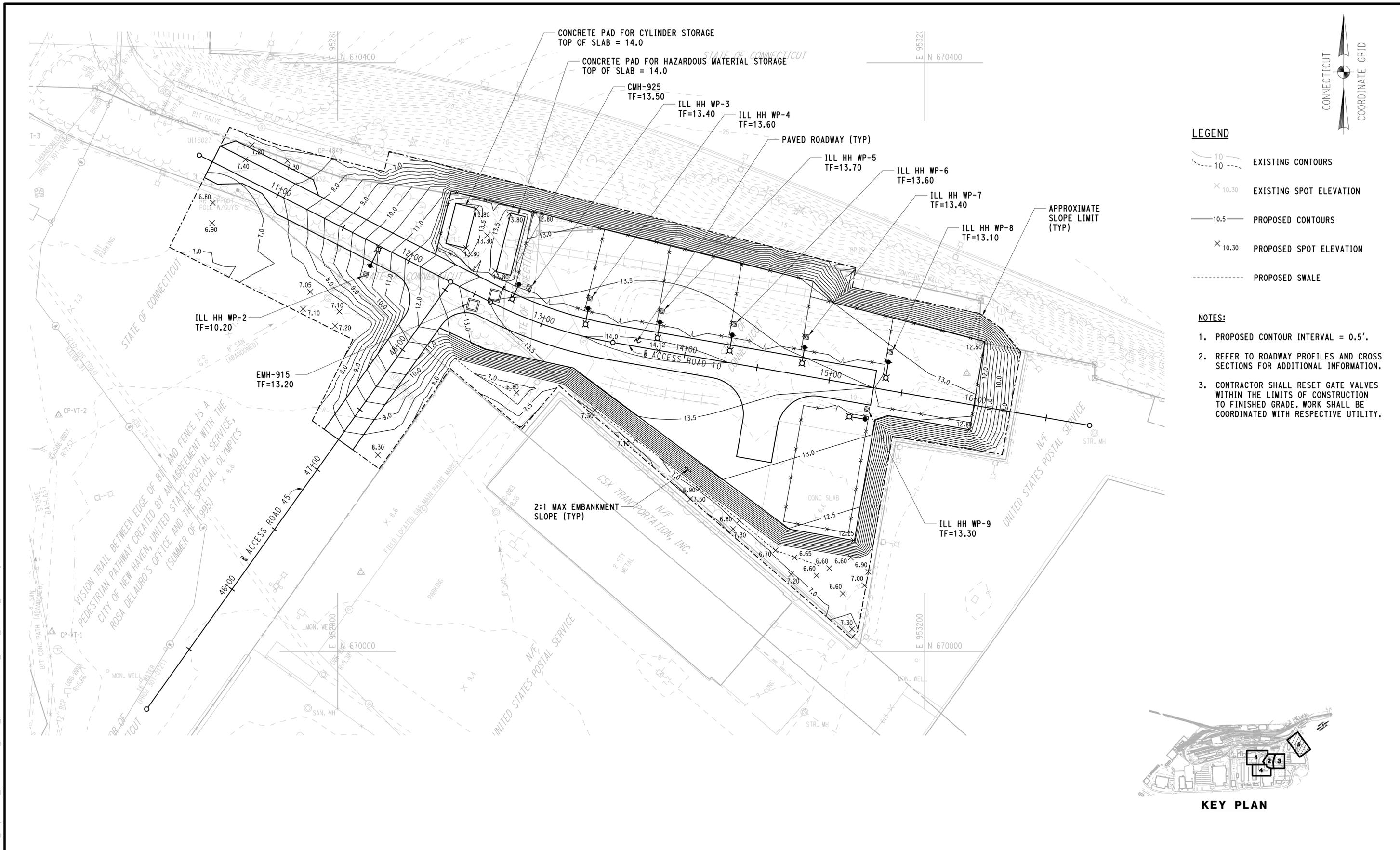
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GRADING PLAN-4

PROJECT NO.
301-0124

DRAWING NO.
CC-004

SHEET NO.
04.30

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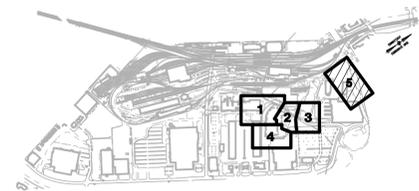


LEGEND

- 10 EXISTING CONTOURS
- 10 PROPOSED CONTOURS
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- PROPOSED SWALE

NOTES:

1. PROPOSED CONTOUR INTERVAL = 0.5'.
2. REFER TO ROADWAY PROFILES AND CROSS SECTIONS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL RESET GATE VALVES WITHIN THE LIMITS OF CONSTRUCTION TO FINISHED GRADE. WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY.



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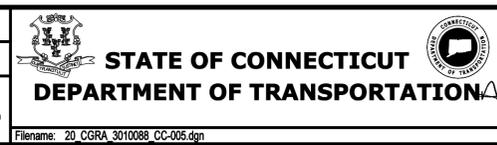
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DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
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SCALE 1"=30'



SIGNATURE:
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

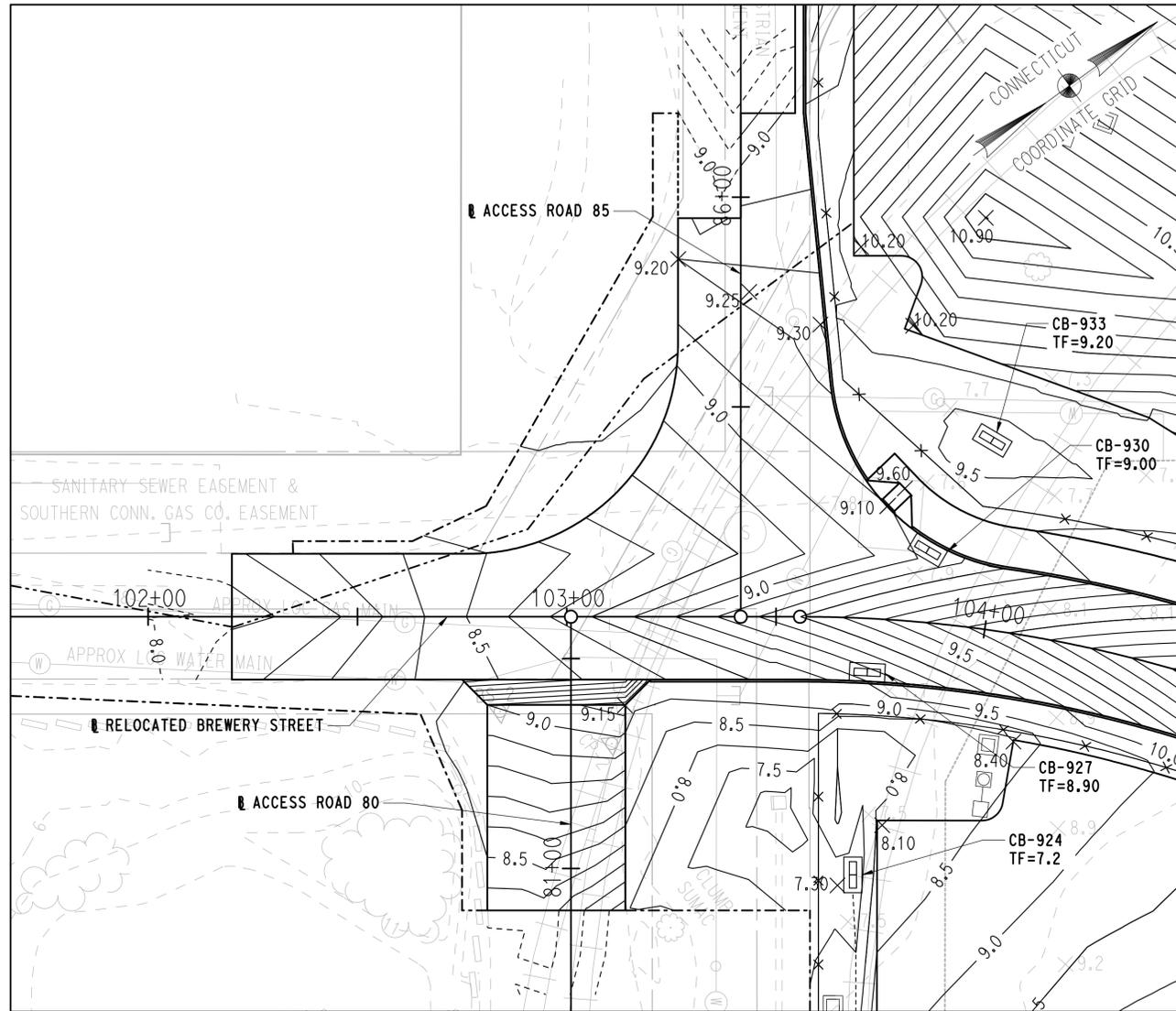
TOWN:
NEW HAVEN

PROJECT NO.
301-0124

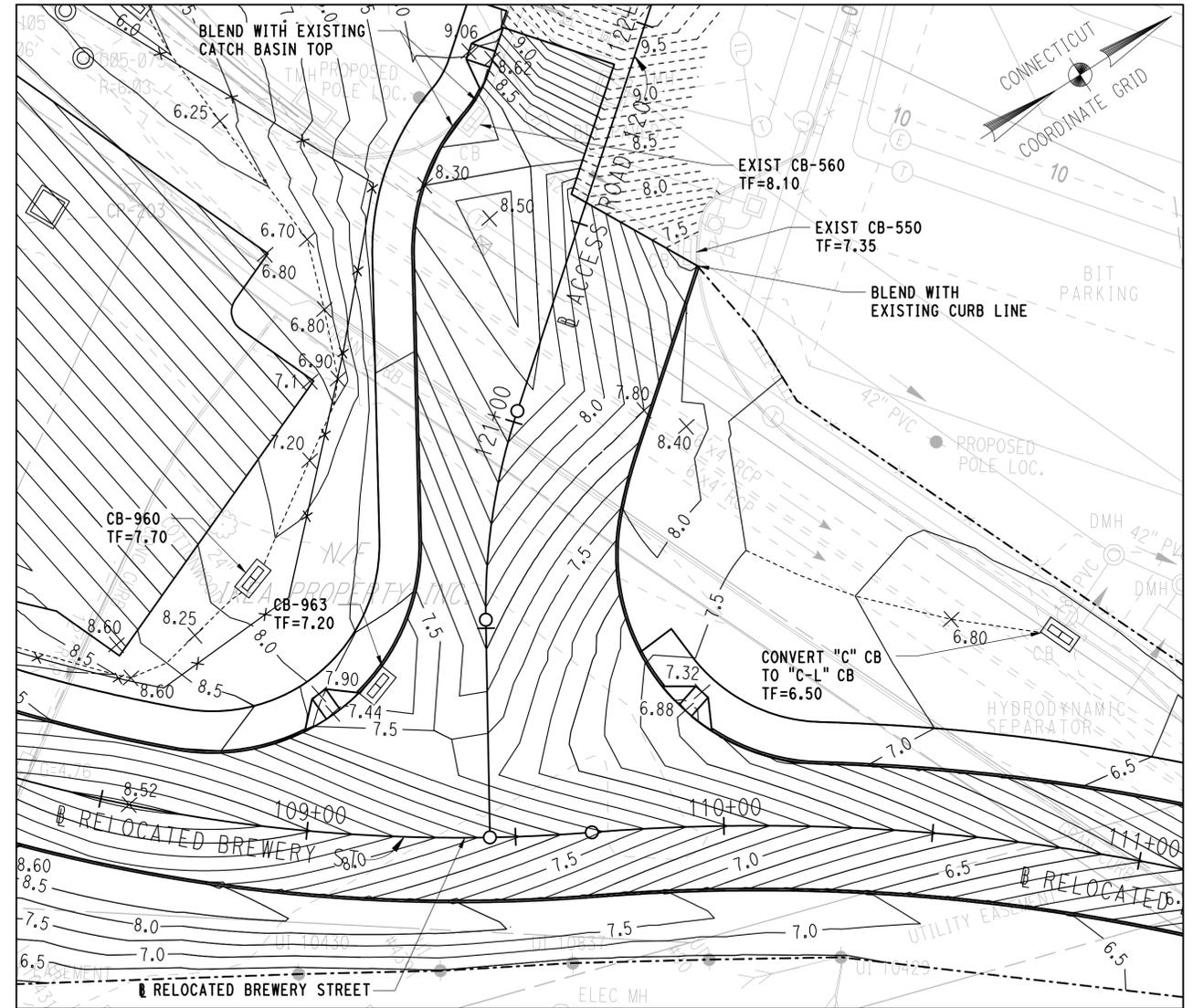
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GRADING PLAN-5

DRAWING NO.
CC-005

SHEET NO.
04.31



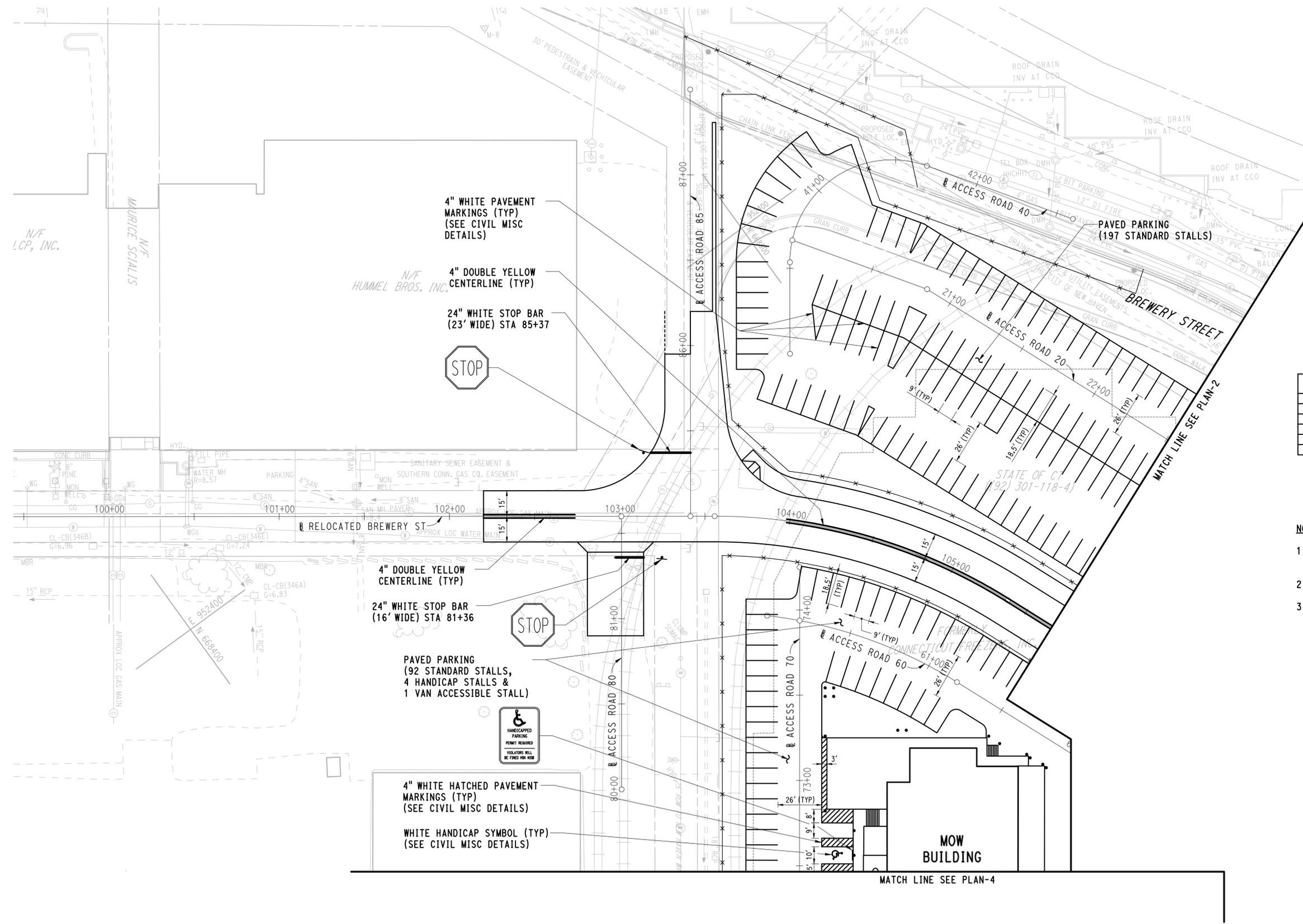
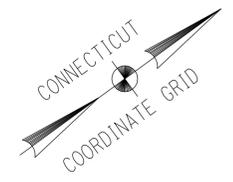
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RELOCATED BREWERY STREET / ACCESS ROAD 120

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CHECKED BY: WPD	SCALE IN FEET SCALE 1"=20'	FILENAME: 20_CGRA_3010088_CC-010.dgn			DRAWING TITLE: INTERSECTION GRADING PLANS	DRAWING NO. CC-010	SHEET NO. 04.32
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 3/31/2015							



4" WHITE PAVEMENT MARKINGS (TYP)
(SEE CIVIL MISC DETAILS)

4" DOUBLE YELLOW CENTERLINE (TYP)

24" WHITE STOP BAR (23' WIDE) STA 85+37



N/F HUMMEL BROS. INC.

4" DOUBLE YELLOW CENTERLINE (TYP)

24" WHITE STOP BAR (16' WIDE) STA 81+36



PAVED PARKING (92 STANDARD STALLS, 4 HANDICAP STALLS & 1 VAN ACCESSIBLE STALL)



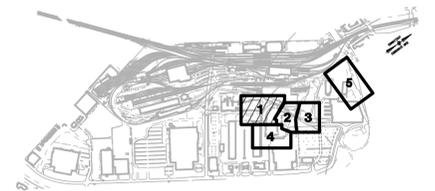
4" WHITE HATCHED PAVEMENT MARKINGS (TYP)
(SEE CIVIL MISC DETAILS)

WHITE HANDICAP SYMBOL (TYP)
(SEE CIVIL MISC DETAILS)

PARKING SUMMARY	
STALL TYPE	TOTAL
STANDARD	289
FLEET	19
LARGE FLEET	7
HANDICAP	4
VAN ACCESSIBLE	1

NOTES:

- REFER TO CIVIL MISCELLANEOUS DETAILS FOR SIGN DETAILS AND NOTES.
- ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.
- ALL HANDICAP PARKING SIGNS ARE TO BE BOLLARD MOUNTED. SEE MISCELLANEOUS DETAILS FOR CONSTRUCTION DETAIL.



KEY PLAN

3/28/2015 12:43:14 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CSPM_3010088_CS-001.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 3/28/2015

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET

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SCALE 1"=30'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

File Name: 20_CSPM_3010088_CS-001.dgn

SIGNATURE OF PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

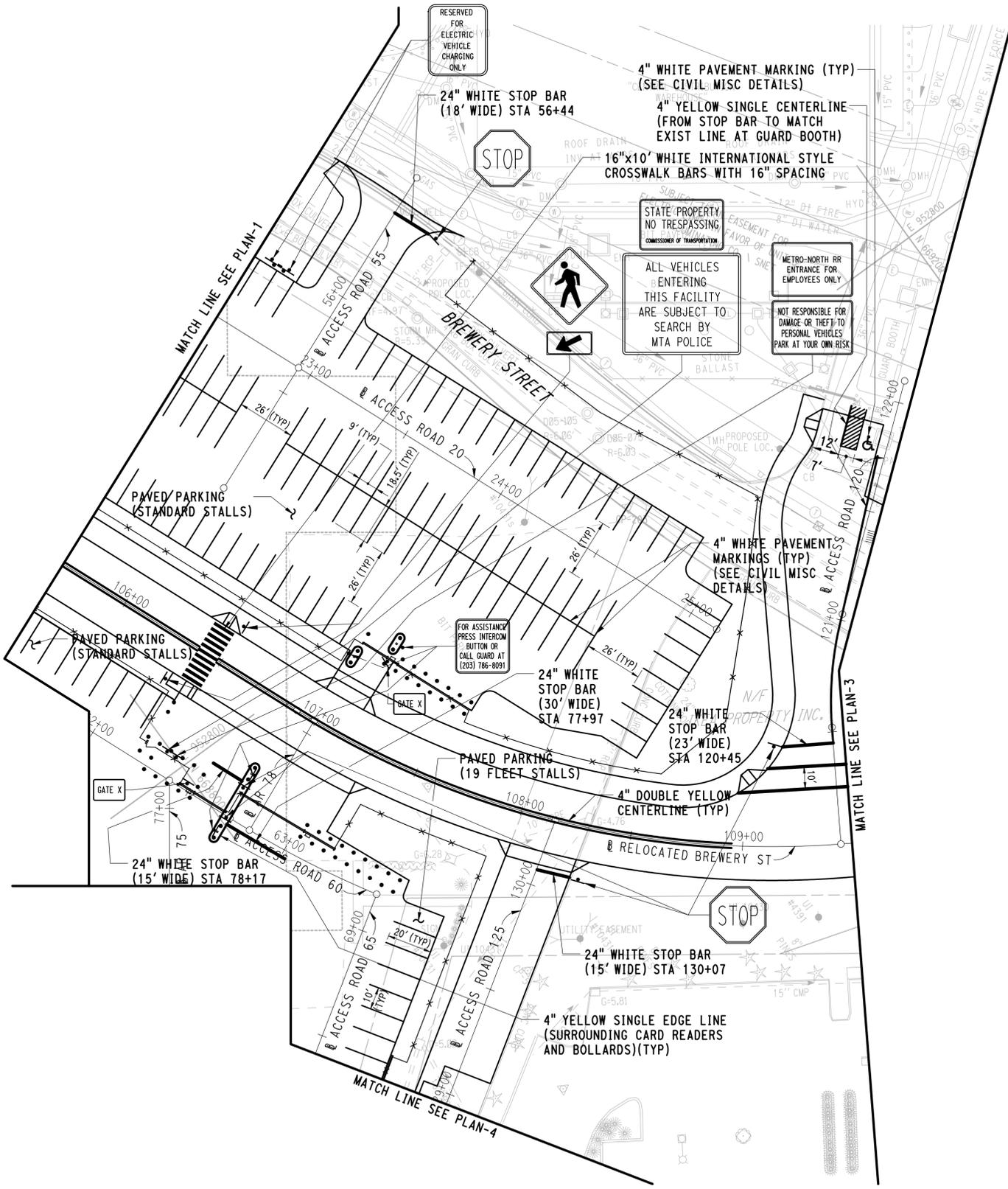
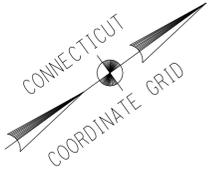
TOWN:
NEW HAVEN

DRAWING TITLE:
**SIGNING AND PAVEMENT
MARKING PLAN-1**

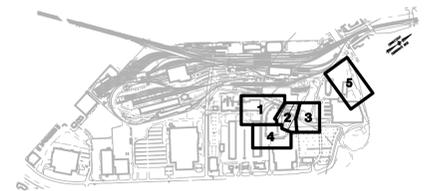
PROJECT NO.
301-0124

DRAWING NO.
CS-001

SHEET NO.
04.34



- NOTES:**
- REFER TO CIVIL MISCELLANEOUS DETAILS FOR SIGN DETAILS AND NOTES.
 - ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.



KEY PLAN

3/25/2015 3:38:54 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CSPM_3010088_CS-002.dgn

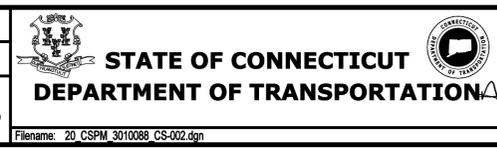
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS, IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE OF PROFESSIONAL ENGINEER:
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

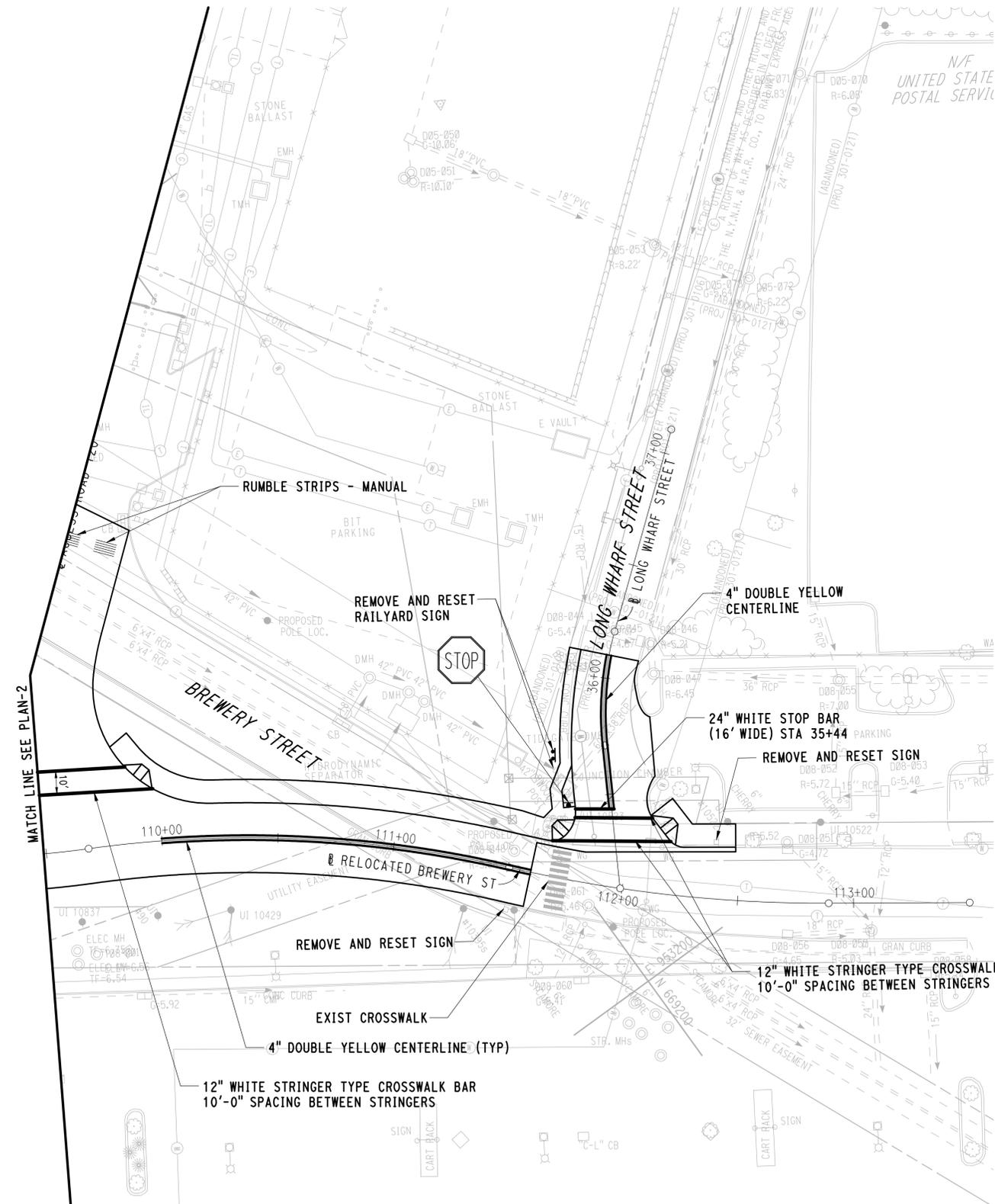
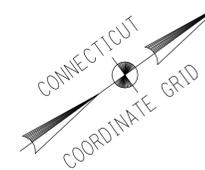
TOWN:
NEW HAVEN

DRAWING TITLE:
SIGNING AND PAVEMENT MARKING PLAN-2

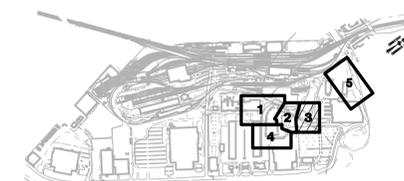
PROJECT NO.
301-0124

DRAWING NO.
CS-002

SHEET NO.
04.35



- NOTES:**
- REFER TO CIVIL MISCELLANEOUS DETAILS FOR SIGN DETAILS AND NOTES.
 - ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.



KEY PLAN

3/25/2015 3:39:48 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\2014-Civil\20_CSPM_3010088_CS-003.dgn

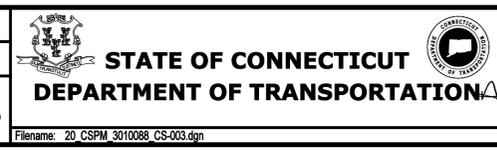
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE: [Signature]

PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

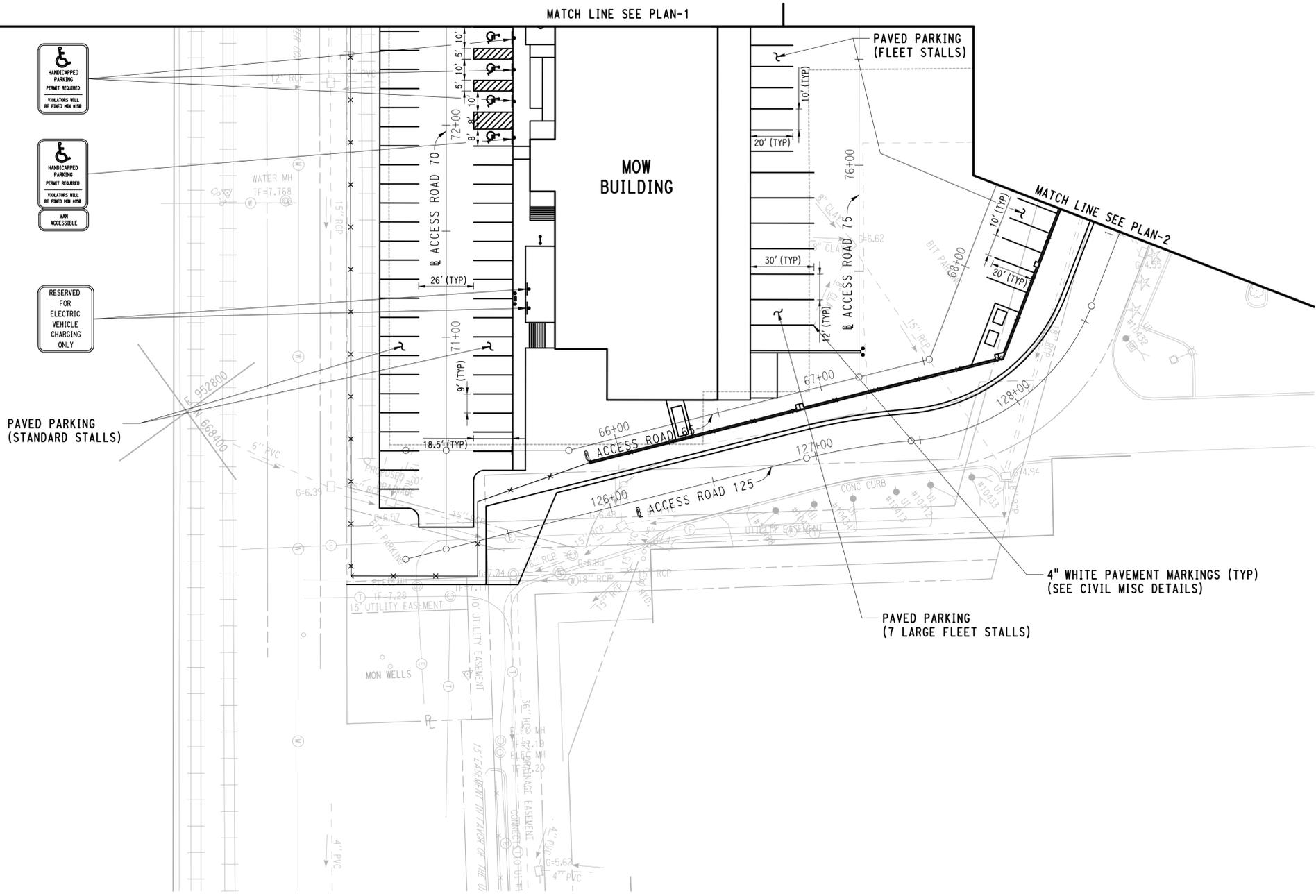
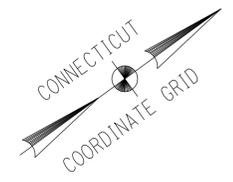
TOWN:
NEW HAVEN

DRAWING TITLE:
**SIGNING AND PAVEMENT
MARKING PLAN-3**

PROJECT NO.
301-0124

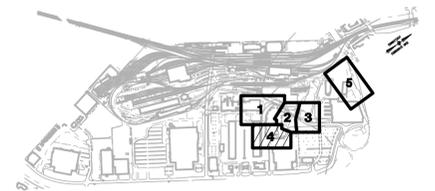
DRAWING NO.
CS-003

SHEET NO.
04.36



- HANDICAPPED PARKING PERMIT REQUIRED VIOLATORS WILL BE FINED \$50 PER HOUR
- VAN ACCESSIBLE
- RESERVED FOR ELECTRIC VEHICLE CHARGING ONLY

- NOTES:**
1. REFER TO CIVIL MISCELLANEOUS DETAILS FOR SIGN DETAILS AND NOTES.
 2. ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.
 3. ALL HANDICAP PARKING SIGNS ARE TO BE BOLLARD MOUNTED. SEE MISCELLANEOUS DETAILS FOR CONSTRUCTION DETAIL.



KEY PLAN

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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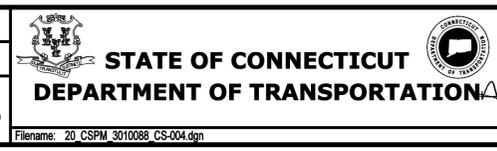
DESIGNER/DRAFTER:
JFK/JLD

CHECKED BY:
WPD

SCALE IN FEET

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SCALE 1"=30'



SIGNATURE: *[Signature]*

BLOCK: **PARSONS BRINCKERHOFF**
GLASTONBURY, CT

PROFESSIONAL ENGINEER

PROJECT TITLE:
NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING

TOWN:
NEW HAVEN

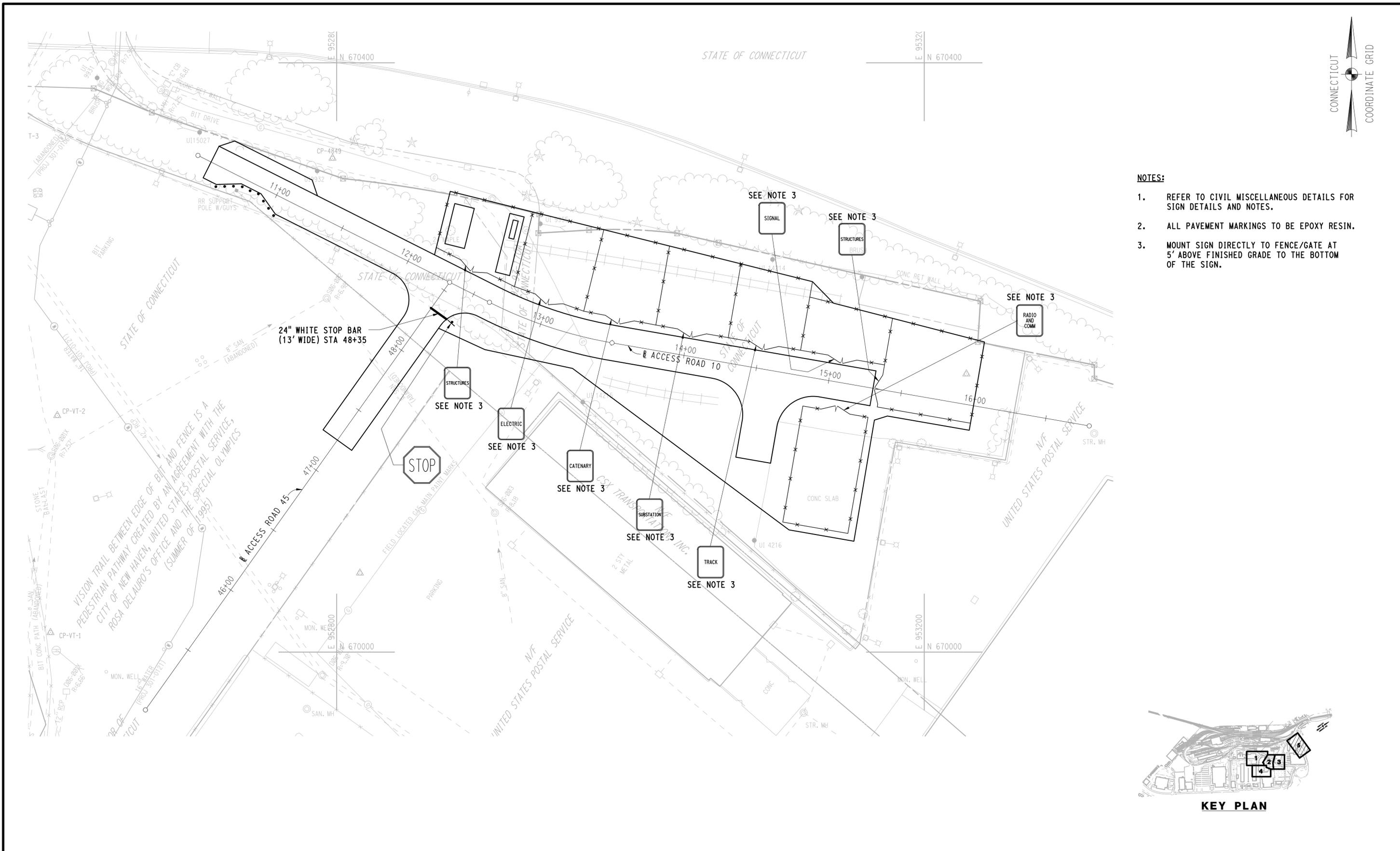
DRAWING TITLE:
SIGNING AND PAVEMENT
MARKING PLAN-4

PROJECT NO.
301-0124

DRAWING NO.
CS-004

SHEET NO.
04.37

3/28/2015 12:43:57 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CSPM_3010088_CS-005.dgn

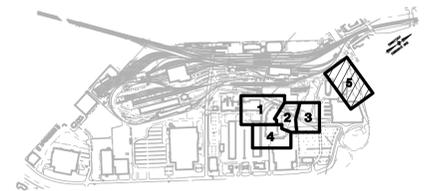


STATE OF CONNECTICUT



NOTES:

1. REFER TO CIVIL MISCELLANEOUS DETAILS FOR SIGN DETAILS AND NOTES.
2. ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.
3. MOUNT SIGN DIRECTLY TO FENCE/GATE AT 5' ABOVE FINISHED GRADE TO THE BOTTOM OF THE SIGN.



KEY PLAN

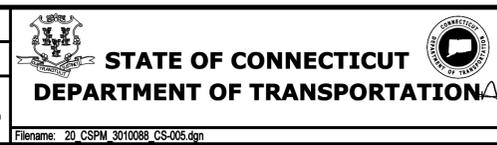
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DESIGNER/DRAFTER:
JFK/JLD

CHECKED BY:
WPD

SCALE IN FEET
0 30 60
SCALE 1"=30'



SIGNATURE OF REGISTERED PROFESSIONAL ENGINEER
[Signature]
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

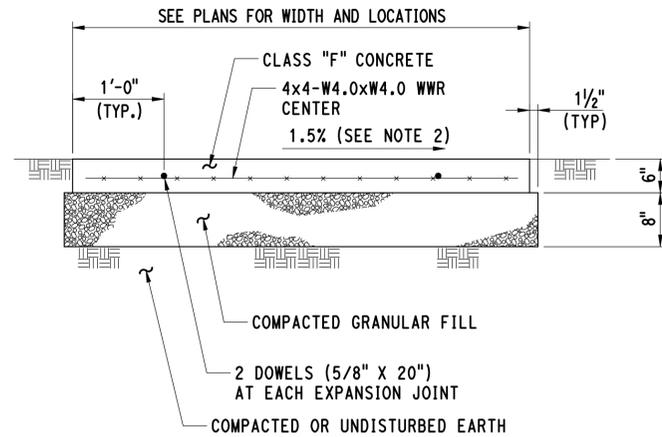
TOWN:
NEW HAVEN

DRAWING TITLE:
**SIGNING AND PAVEMENT
MARKING PLAN-5**

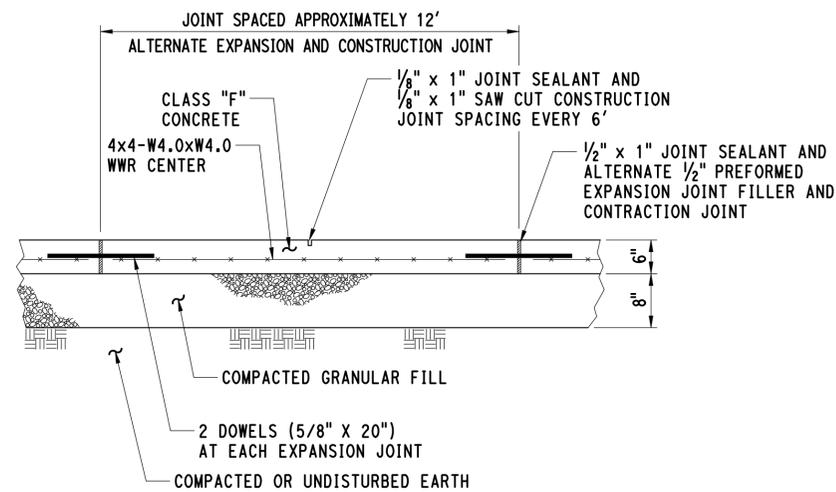
PROJECT NO.
301-0124

DRAWING NO.
CS-005

SHEET NO.
04.38



CROSS SECTION

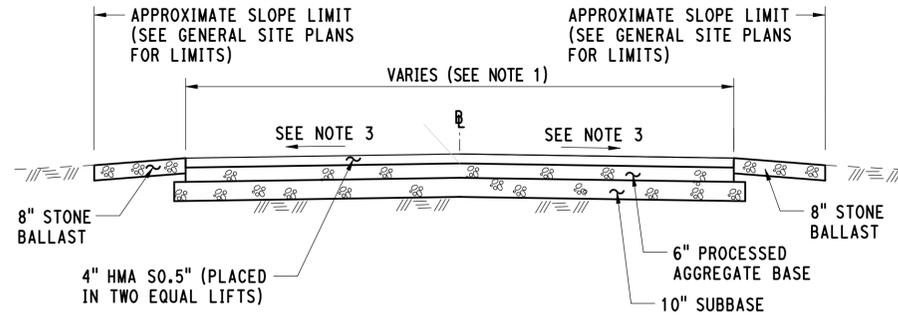


LONGITUDINAL SECTION

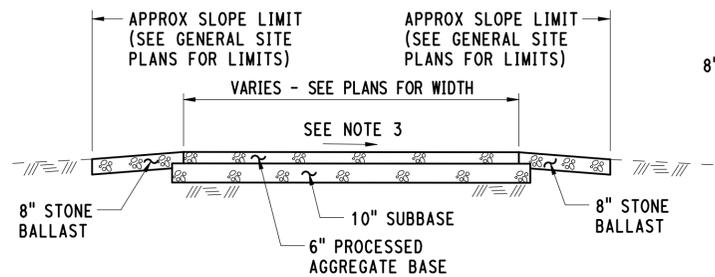
NOTES:

- ALL SIDEWALK SURFACES SHALL BE LIGHTLY BROOMED PERPENDICULAR TO THE LONGITUDINAL DIRECTION OR AS DIRECTED BY THE ENGINEER. THE OUTSIDE EDGES OF THE SLAB AND ALL JOINTS SHALL BE EDGED WITH A 1/4" RADIUS EDGING TOOL BEFORE AND AFTER APPLYING THE BROOM FINISH.
- THE SIDEWALK SHALL SLOPE TOWARD THE ADJACENT ROAD. IF NO ADJACENT ROAD IS PRESENT, THE SIDEWALK SLOPE DIRECTION SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- WHERE CONCRETE CURB AND CONCRETE SIDEWALK ARE CONSTRUCTED ADJACENT USE 1/2" x 1" JOINT SEALANT AND ALTERNATE 1/2" PREFORMED EXPANSION JOINT FILLER AND CONTRACTION JOINT BETWEEN CONCRETE SIDEWALK AND CONCRETE CURB.

CONCRETE SIDEWALK
(SEE SITE PLANS FOR LOCATION)



PAVED ACCESS ROAD / DRIVEWAY
(SEE SITE PLANS FOR LOCATION)



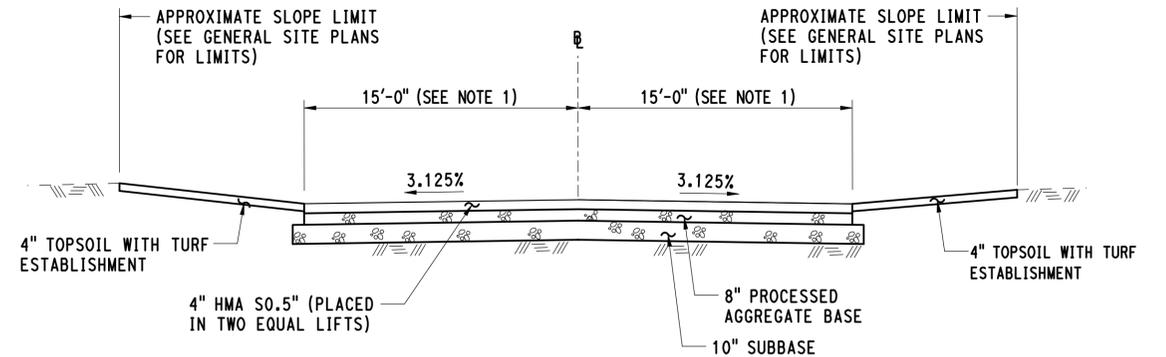
UNPAVED STORAGE
(SEE SITE PLANS FOR LOCATION)

- ROADWAY WIDTHS VARY, REFER TO PLANS FOR ACTUAL WIDTHS. TYPICAL WIDTHS ARE SHOWN BELOW:

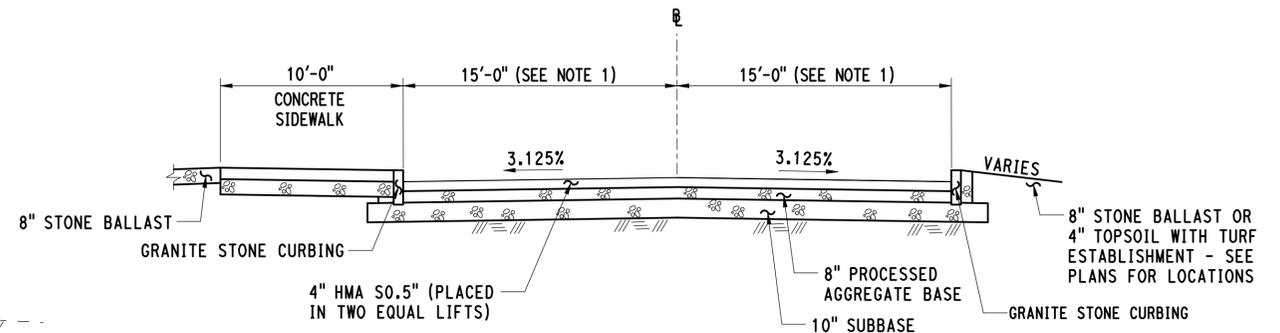
- ACCESS ROAD 10 - 24'
- ACCESS ROAD 20 - 126'
- ACCESS ROAD 40 - VARIES
- ACCESS ROAD 44 - 24'
- ACCESS ROAD 55 - 26'
- ACCESS ROAD 60 - VARIES
- ACCESS ROAD 65 - VARIES
- ACCESS ROAD 70 - 63'
- ACCESS ROAD 75 - VARIES
- ACCESS ROAD 78 - VARIES
- ACCESS ROAD 80 - 33'
- ACCESS ROAD 85 - VARIES
- ACCESS ROAD 120 - 30'
- ACCESS ROAD 125 - VARIES

- ALL LATERAL STEPS SHOWN BETWEEN DIFFERENT COURSES SHALL BE 6" IN WIDTH.
- FOR CROSS SLOPES, REFER TO ACCESS ROAD CROSS SECTIONS AND/OR GRADING PLANS.

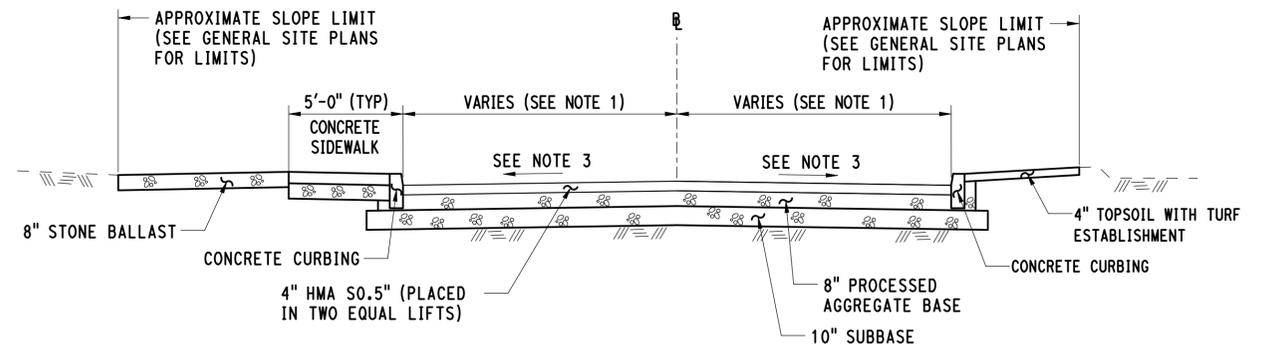
ACCESS ROADS, DRIVEWAYS, PARKING AREA
AND UNPAVED STORAGE NOTES



RELOCATED BREWERY STREET
STA 102+20 TO STA 103+50



RELOCATED BREWERY STREET
STA 103+50 TO STA 111+60



LONG WHARF STREET
(SEE SITE PLANS FOR LOCATION)

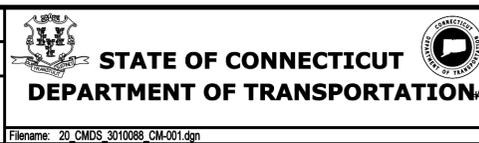
NOTES:

- TYPICAL ROADWAY WIDTHS DEPICTED, REFER TO PLANS FOR ACTUAL WIDTHS.
- ALL LATERAL STEPS SHOWN BETWEEN DIFFERENT COURSES SHALL BE 6" IN WIDTH.
- REFER TO CROSS SECTIONS AND GRADING PLANS FOR ADDITIONAL INFORMATION.

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/25/2015

DESIGNER/DRAFTER: JFK / JLD
CHECKED BY: WPD
NOT TO SCALE



SIGNATURE OF REGISTERED PROFESSIONAL ENGINEER

 PARSONS BRINCKERHOFF
 GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

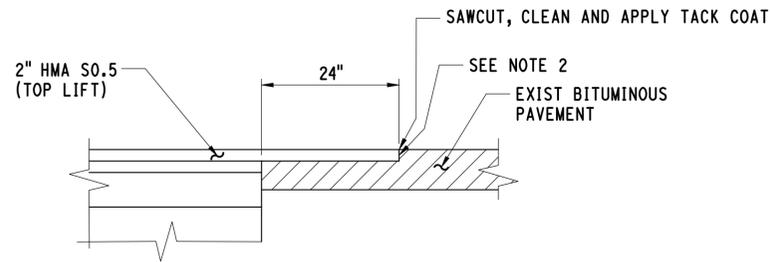
TOWN:
NEW HAVEN

DRAWING TITLE:
**CIVIL
 MISCELLANEOUS DETAILS**

PROJECT NO.
301-0124

DRAWING NO.
CM-001

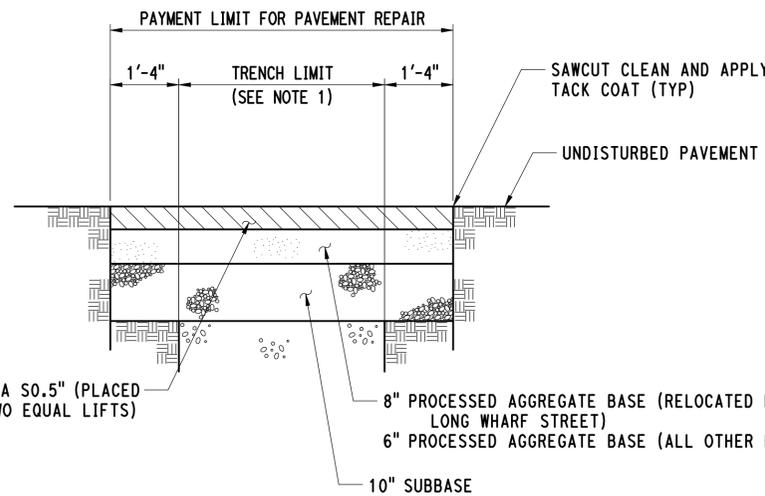
SHEET NO.
04.39



NOTES:

1. THIS DETAIL IS TO BE USED AT ALL PAVEMENT TIE-INS WHERE "MATCH EXIST" IS CALLED FOR ON THE PLANS.
2. OVERLAP HMA SO.5" OVER EXIST MILLED PAVEMENT.
3. PAVEMENT MATCH TREATMENT WILL BE INCIDENTAL TO THE WORK.

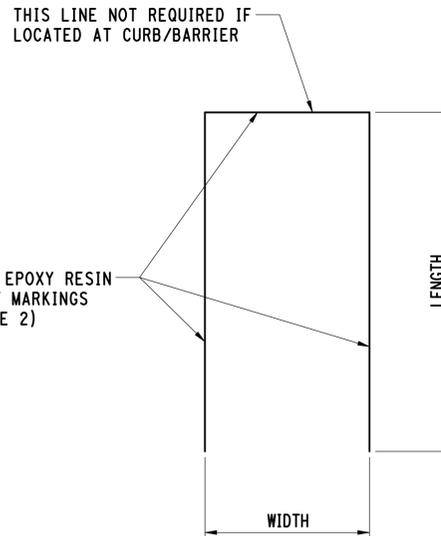
PAVEMENT MATCH



PAVEMENT REPAIR NOTES:

1. THE LIMIT OF THE TRENCH SHALL BE AS SHOWN IN TRENCH EXCAVATION DETAILS FOR EACH RESPECTIVE UTILITY OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL SAWCUT ALL EXISTING PAVEMENT AT THE LIMITS OF PAVEMENT REPAIR UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. SAWCUTTING, REMOVAL OF EXISTING PAVEMENT FROM TRENCH LIMITS TO LIMITS OF PAVEMENT REPAIR, HMA, PROCESSED AGGREGATE AND SUBBASE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH RESPECTIVE ITEM. THE CLEANING AND APPLICATION OF TACK COAT TO THE EXISTING PAVEMENT SURFACES SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND NOT MEASURED FOR PAYMENT.
4. IN UTILITY TRENCHES WHERE ADEQUATE DEPTH IS NOT AVAILABLE TO CONSTRUCT PAVEMENT REPAIR SECTION AS SHOWN, REDUCE SUBBASE AS NECESSARY.

PAVEMENT REPAIR

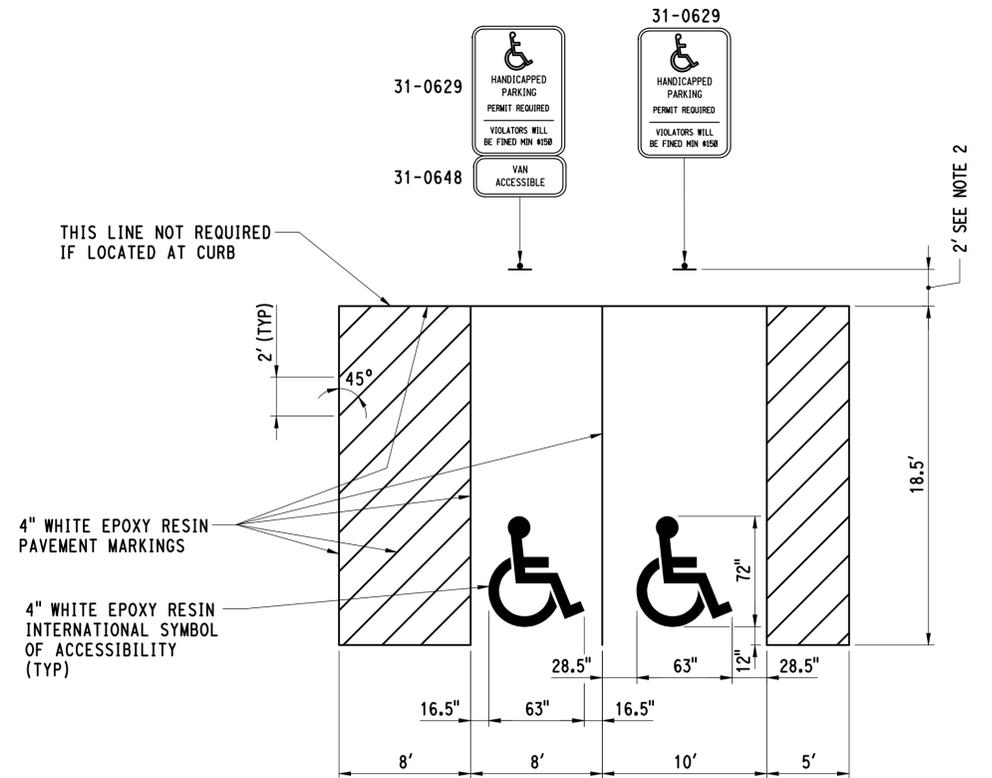


PARKING STALLS		
TYPE	WIDTH	LENGTH
STANDARD	9'	18.5'
FLEET	10'	20'
LARGE FLEET	12'	30'

NOTES:

1. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR LOCATIONS AND STALL TYPE.
2. PAVEMENT MARKINGS NOT REQUIRED AT UNPAVED PARKING AREAS.

TYPICAL PARKING STALL DETAIL



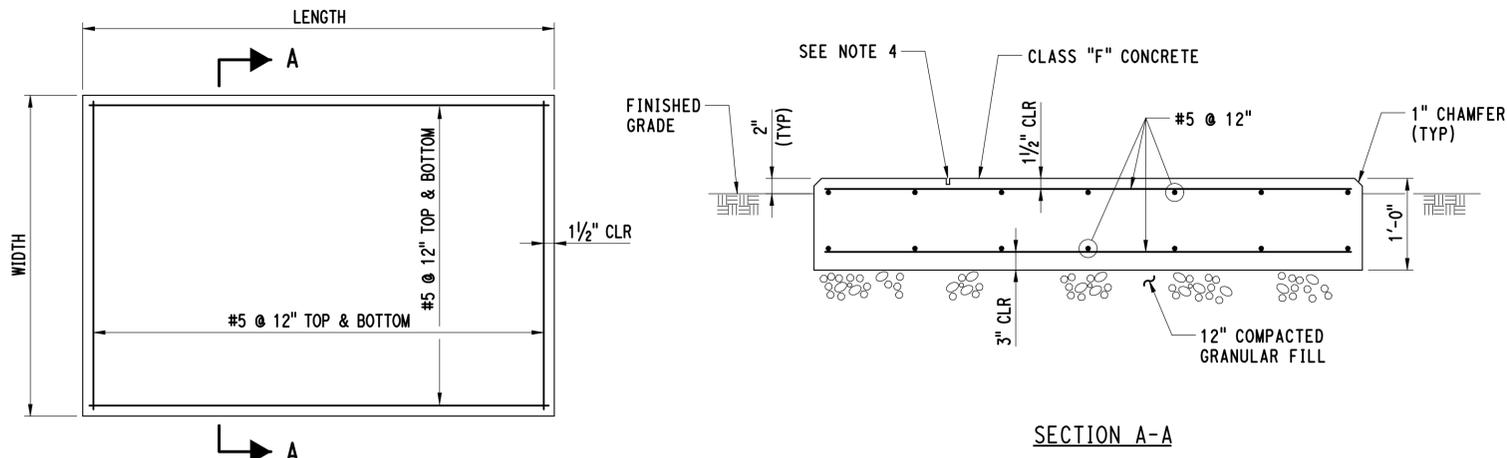
NOTES:

1. FOR SIGN DETAILS SEE SIGNING AND PAVEMENT MARKING PLANS.
2. LOCATE SIGN 1' FROM THE BACK OF WALK WHEN SIDEWALK IS ADJACENT TO PARKING STALL.
3. FOR LOCATIONS AND CONFIGURATIONS OF HANDICAP PARKING SEE SIGNING AND PAVEMENT MARKING PLANS.

TYPICAL HANDICAP PARKING STALL DETAIL

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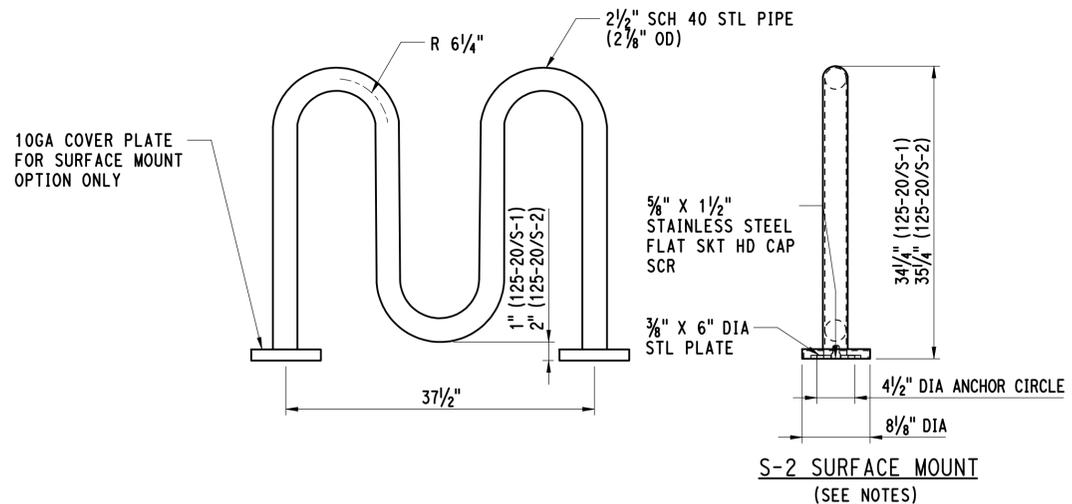
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				PROJECT TITLE: NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING		TOWN: NEW HAVEN	
				PROJECT NO. 301-0124		DRAWING NO. CM-002	
				DRAWING TITLE: CIVIL MISCELLANEOUS DETAILS		SHEET NO. 04.40	



- REINFORCED SLAB ON GRADE NOTES:**
1. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF $f'c = 4000$ PSI.
 2. ALL CONCRETE SHALL BE CLASSIFIED AS NORMAL WEIGHT, EXCEPT AS NOTED, WITH A UNIT WEIGHT OF 145 PCF.
 3. STEEL REINFORCEMENT SHALL CONSIST OF DEFORMED BARS CONFORMING TO ASTM 615, GRADE 60 WITH A YIELD STRENGTH OF $F_y = 60,000$ PSI.
 4. $1/8$ "x1" JOINT SEALANT AND $1/8$ "x1" SAWCUT CONSTRUCTION JOINT. SPACING EVERY 6' MAX (EQUALLY SPACED).
 5. CONFIRM SIZE OF PAD MOUNTED EQUIPMENT AND SLAB PENETRATION REQUIREMENTS WITH MANUFACTURER PRIOR TO CONSTRUCTION OF CONCRETE PADS. THE CONTRACTOR SHALL SUBMIT A PLAN TO THE ENGINEER FOR APPROVAL DETAILING CONCRETE PAD SIZE AND EQUIPMENT LAYOUT FOR EACH LOCATION.
 6. REFER TO GRADING PLANS FOR TOP OF SLAB ELEVATIONS.

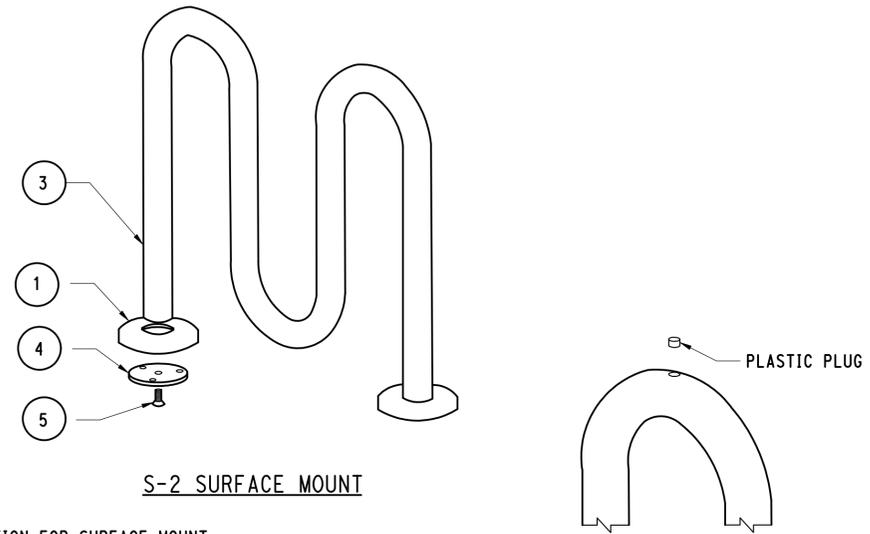
REINFORCED CONCRETE SLABS ON GRADE LAYOUT							
DESCRIPTION	LOCATION	LENGTH	WIDTH	SLAB CORNER COORDINATES			
HAZARDOUS WASTE STORAGE	66+32 LT/RT AR 65	19'-7"	8'-0"	N 668586.66 E 952928.61	N 668593.34 E 952933.46	N 668586.92 E 952949.48	N 668579.49 E 952946.50
WASTE CONTAINERS	67+73 RT AR 65	31'-2"	12'-0"	N 668739.55 E 952983.13	N 668746.08 E 952993.20	N 668729.09 E 953004.21	N 668713.39 E 953000.08
CYLINDER STORAGE	12+24 LT AR 10	28'-0"	14'-0"	N 670304.46 E 952880.44	N 670301.08 E 952894.02	N 670273.91 E 952887.27	N 670277.28 E 952873.68
HAZARDOUS MATERIAL STORAGE	12+61 LT AR 10	41'-0"	10'-0"	N 670297.79 E 952917.94	N 670295.37 E 952927.64	N 670255.59 E 952917.75	N 670258.00 E 952908.05

REINFORCED CONCRETE SLAB ON GRADE



- FINISH OPTIONS:**
1. BIKE RACK TO BE HOT DIPPED GALVANIZED (VISIBLE VENT HOLES).

- NOTES:**
1. $1/2$ " X $3/4$ " EXPANSION ANCHOR BOLTS PROVIDED FOR OPTION S-2.
 2. PLUGS PROVIDED FOR VISIBLE VENT HOLES. (HOT DIPPED GALV ONLY)
 3. BICYCLE RACK SHALL BE GROUNDED TO BUILDING GROUNDING SYSTEM. CONTRACTOR TO SUBMIT CONNECTION PLAN FOR REVIEW AND APPROVAL.



INSTALLATION FOR SURFACE MOUNT

- STEP 1:**
- USE 1 - PC BIKE LOOP, SURFACE MOUNT (3)
 2 - PCS $3/8$ " THK SURFACE MOUNT PLATE (4)
 2 - PCS 10 GA X 8" DIA ANCHOR PLATE COVER (1)
 2 - PCS $3/8$ " X $1 1/2$ " SS FLT SKT HD CAP SCR (5)
 SLIDE 10 GA X 8" DIA ANCHOR COVER (1) OVER BIKE LOOP, SURFACE MOUNT (3) LEGS. ATTACH $3/8$ " THK SURFACE MOUNT PLATE (4) TO BIKE LOOP, SURFACE MOUNT (3) USING HARDWARE (5).

STEP 2:

ANCHOR ACCORDINGLY.

INSTALLATION FOR PLASTIC PLUG HOT-DIPPED GALV ONLY

INSERT PLASTIC PLUG INTO HOLE ON TOP OF EACH LOOP

HOT-DIPPED GALV BIKE RACK ONLY

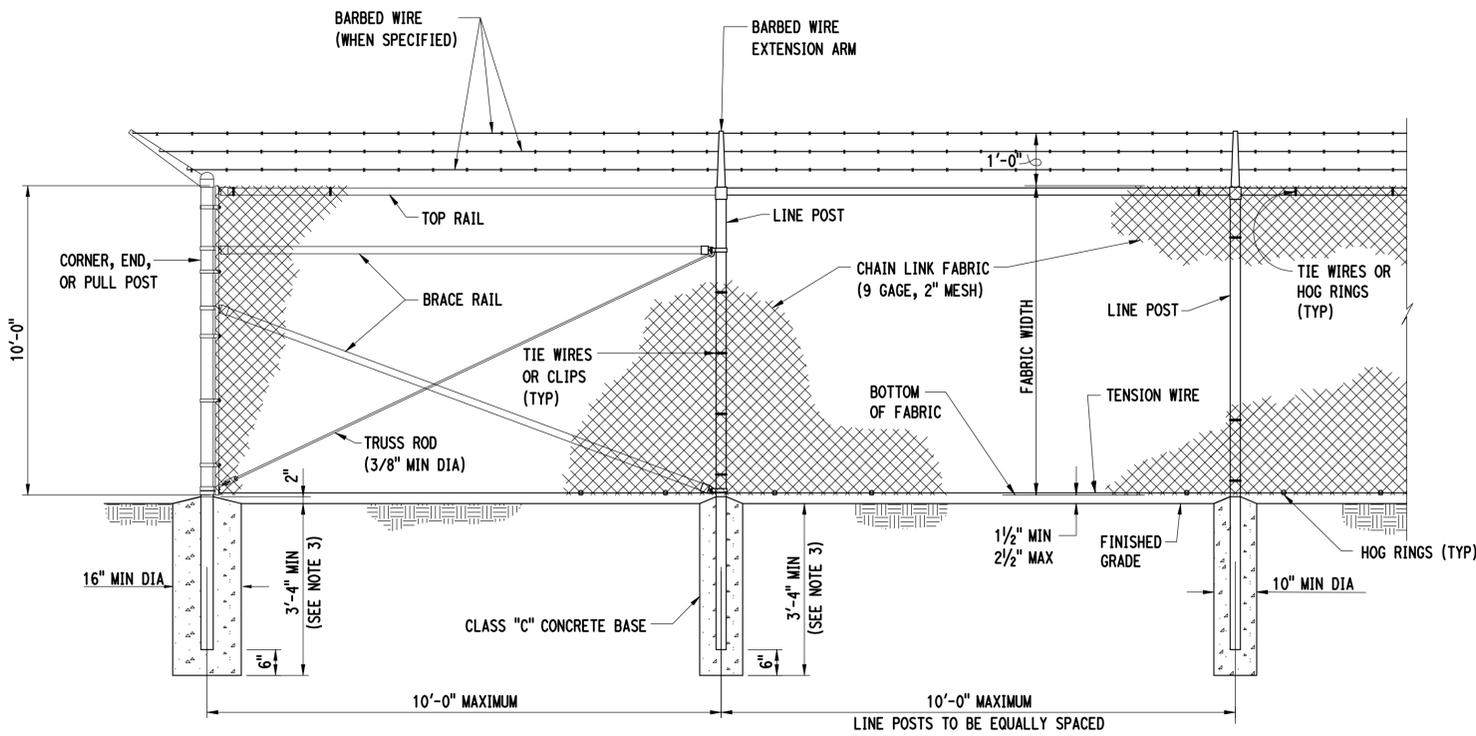
ITEM	QTY	PART NO	DESCRIPTION
(S-2 OPTION)	1	0-125-04	10 GA X 8" DIA STL COVER W/ $3/8$ " DIA HOLE
(S-2 OPTION)	3	0-125-20/S-2	2-PEAK LOOP BIKE RACK FOR SURF MT
(S-2 OPTION)	4	0-83-00-03	$3/8$ " THK SURFACE MOUNT PLATE
(S-2 OPTION)	5	1-12-102	$5/8$ " X $1 1/2$ " SS FLT SKT HD CAP SCR

ASSEMBLY

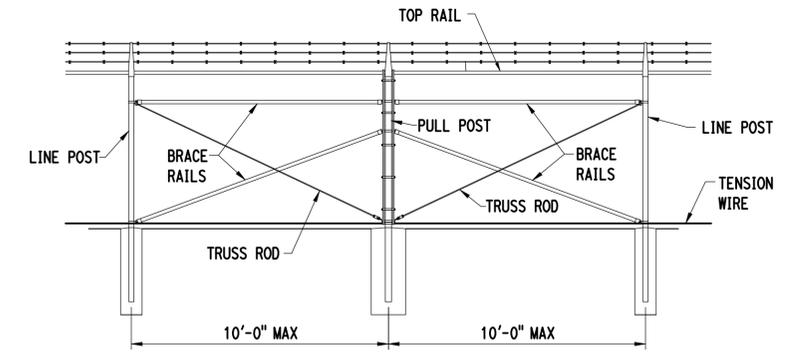
SITE BICYCLE RACK

3/25/2015 4:01:35 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CMDS_3010088_CM-003.dgn

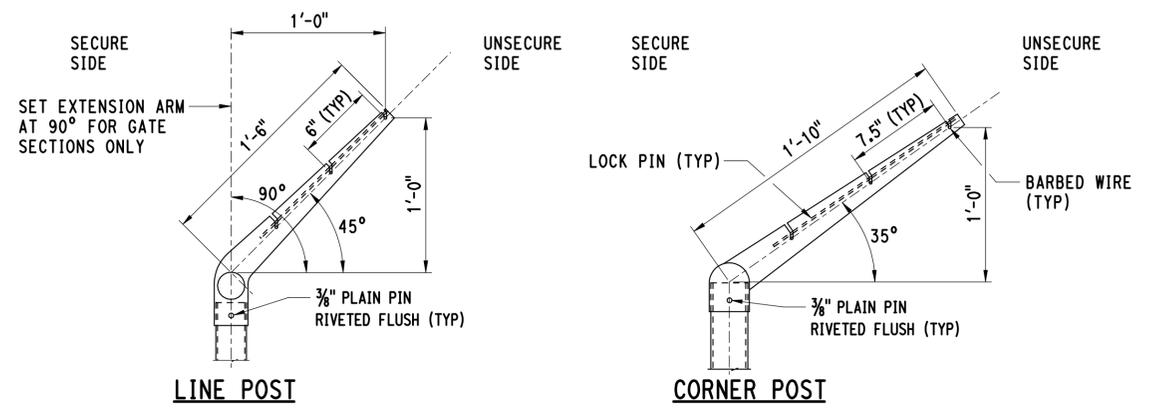
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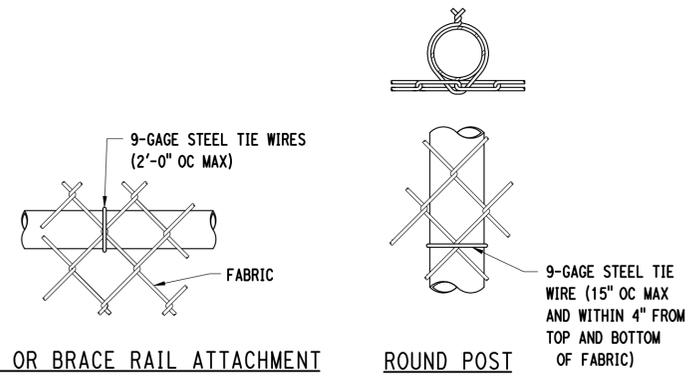
CHAIN LINK SECURITY FENCE DETAIL



BRACE PANEL DETAIL



EXTENSION ARM DETAILS



TOP OR BRACE RAIL ATTACHMENT

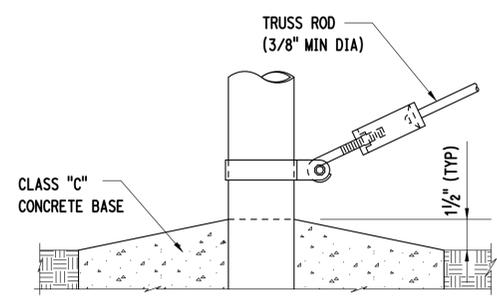
ROUND POST

LINE POST ATTACHMENTS

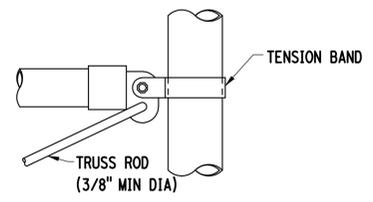
USE AND SECTION	STEEL POST SCHEDULE	
	MINIMUM OUTSIDE DIMENSIONS (NOMINAL)	
	FABRIC WIDTH 84" TO 96"	FABRIC WIDTH 108" AND OVER
CORNER, END & PULL POSTS TUBULAR - ROUND	2.875" OD	4.00" OD
LINE POSTS TUBULAR - ROUND	2.375" OD	2.875" OD
TOP, BOTTOM & BRACE RAILS TUBULAR - ROUND	1.66" OD	1.66" OD

NOTES:

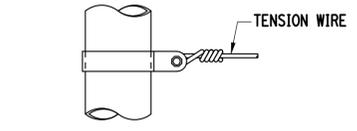
1. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE SIDE OPPOSITE THE SECURE AREA.
2. REFER TO CM-005 FOR GROUNDING DETAILS AND GENERAL FENCE & GATE NOTES.
3. THE 3'-4" MINIMUM DEPTH OF CONCRETE AROUND EACH FENCE POST SHALL BE MEASURED FROM THE BOTTOM OF THE STONE BALLAST WHEN PRESENT.
4. BRACE PANEL SHALL BE PROVIDED WHEREVER STRAIGHT RUN EXCEEDS 500 FEET.



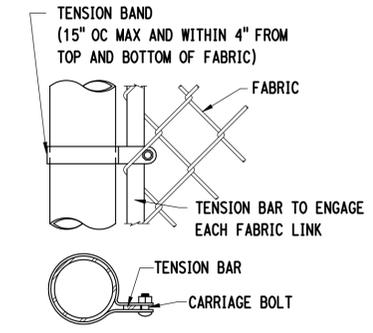
TRUSS ROD AND BAND



ROUND POST



TENSION BAND DETAIL



END OR GATE POST DETAIL

FASTENING DETAILS

4/1/2015 1:04:32 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CMDS_3010088_CM-004.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 4/1/2015

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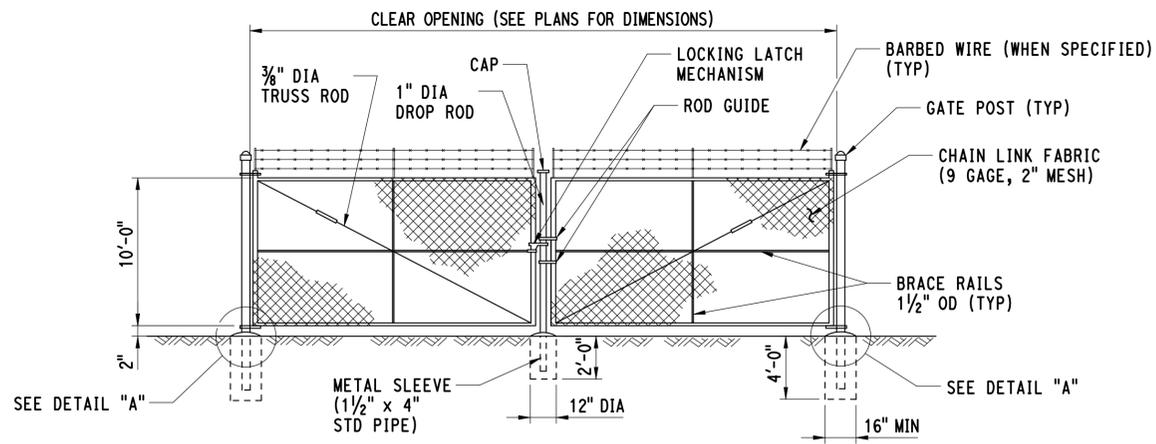


SIGNATURE: [Signature]
 BLOOMINGTON, CT
 PARSONS BRINCKERHOFF
 GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**
 DRAWING TITLE:
**CIVIL
 MISCELLANEOUS DETAILS**

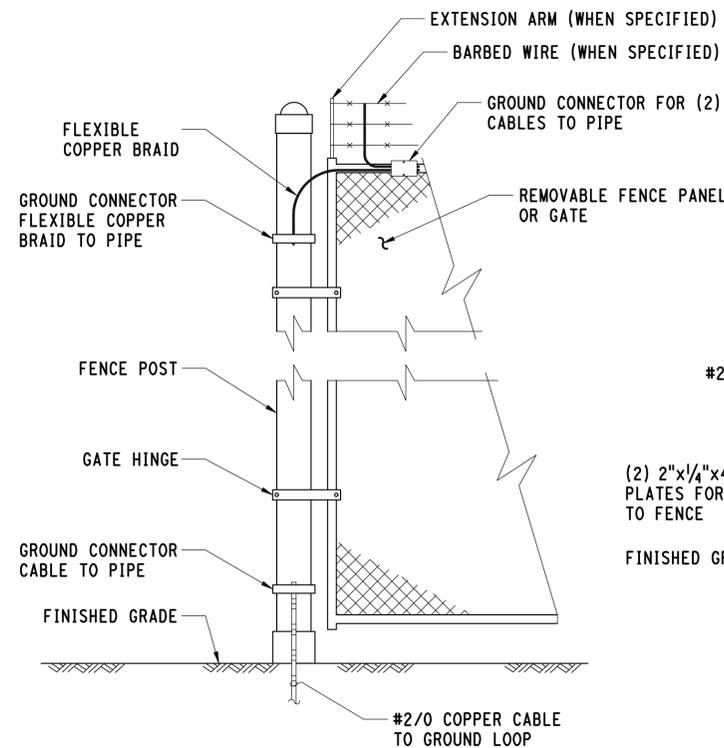
PROJECT NO.: **301-0124**
 DRAWING NO.: **CM-004**
 SHEET NO.: **04.42**



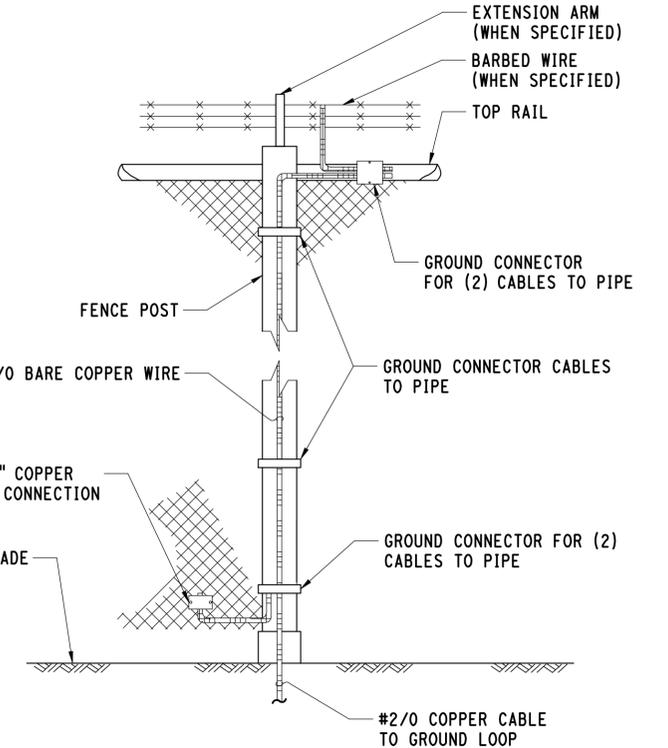
NOTES:

1. FOR DETAILS AND DIMENSIONS NOT SHOWN, SEE DWG NO CM-004.
2. MATERIAL FOR THIS WORK SHALL CONFORM TO SECTION 32 31 13 OF THE PROJECT SPECIFICATIONS.
3. CONTRACTOR SHALL PROVIDE HINGE STOPS ON ALL GATES ADJACENT TO ROADWAYS OR AS DIRECTED BY THE ENGINEER.

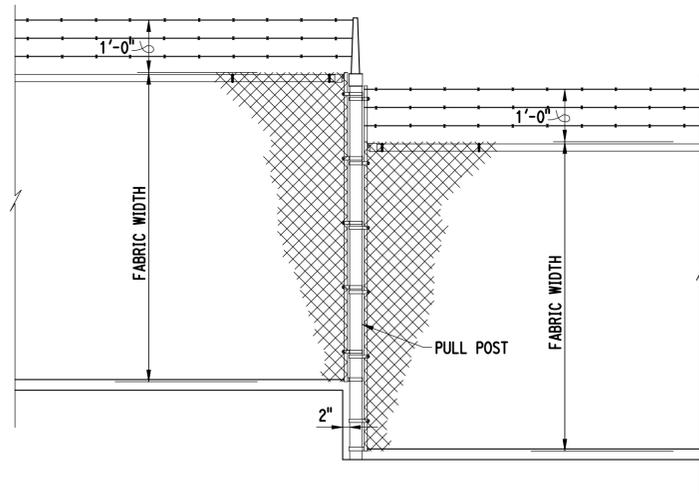
CHAIN LINK DOUBLE GATE



DETAIL A
TYPICAL GROUNDING OF FENCE PANELS AND GATE



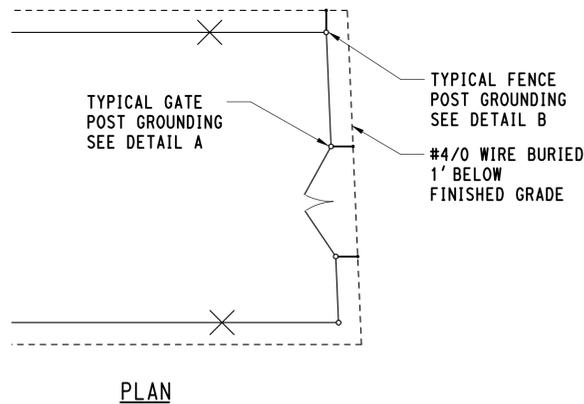
DETAIL B
TYPICAL FENCE POST GROUNDING



NOTES:

1. FOR DETAILS AND DIMENSIONS NOT SHOWN, SEE DWG NO CM-004.
2. STEP FENCE AS INDICATED. REFER TO DWG NO S14-501 FOR ADDITIONAL INFORMATION.

CHAIN LINK FENCE TRANSITION DETAIL



FENCE GROUNDING DETAILS

NOTES:

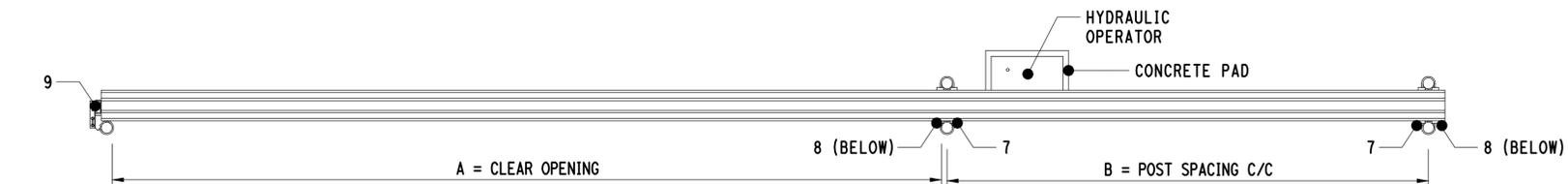
1. EVERY OTHER FENCE POST TO BE GROUNDED IN ACCORDANCE WITH DETAIL B.
2. ALL GROUND CABLE TAPS FROM GRID TO EQUIPMENT, FENCE STRUCTURES, ETC, SHALL BE #2/0 AWG BARE, STRAND COPPER CABLE AND ALL GROUND CABLES ON STRUCTURES SHALL BE COPPER UNLESS OTHERWISE NOTED. CONNECTIONS FOR COPPER CABLE TO ALUMINUM SHALL BE BI-METAL OR TINNED COPPER WHEN REQUIRED.

GENERAL FENCE AND GATE NOTES:

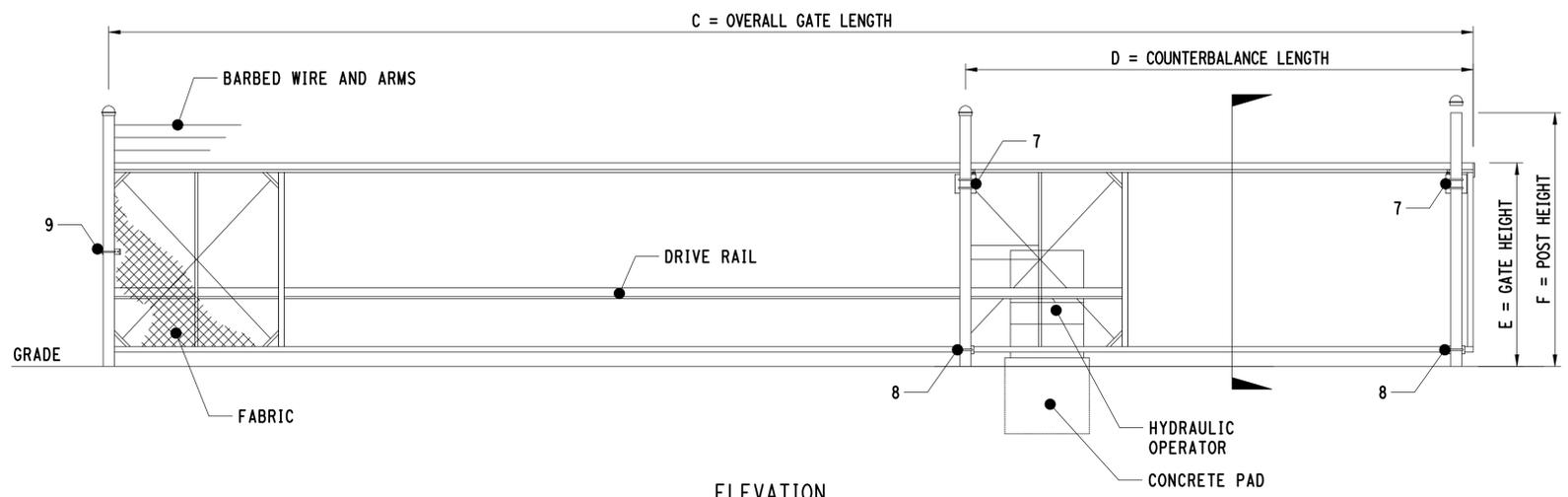
1. ALL CHAIN LINK FENCE AND CHAIN LINK FENCE GATES ALONG THE PERIMETER OF THE RAIL YARD AND ENCLOSING THE MOW SHALL INCLUDE 3 STRANDS OF BARBED WIRE ON TOP. ALL REMAINING CHAIN LINK FENCE AND CHAIN LINK GATES WITHIN THE MOW STORAGE AREA SHALL NOT INCLUDE BARBED WIRE ON TOP.
2. ALL TEMPORARY FENCE SHALL BE 8' HIGH, STANCHION SUPPORTED, AND SHALL NOT INCLUDE BARBED WIRE NOR GROUNDING SYSTEM. ALL TEMPORARY GATES SHALL BE SUPPORTED BY DRIVEN POSTS. REFER TO SPECIFICATION SECTION 32 31 13 FOR ADDITIONAL REQUIREMENTS FOR TEMPORARY FENCING.

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 4/1/2015				

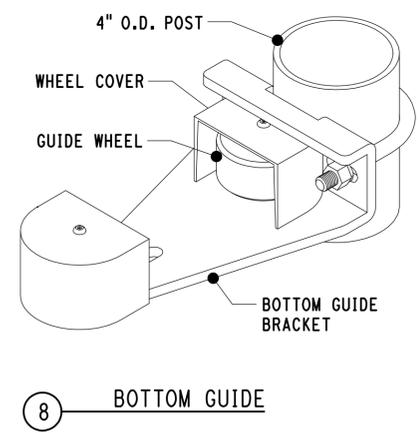


PLAN VIEW

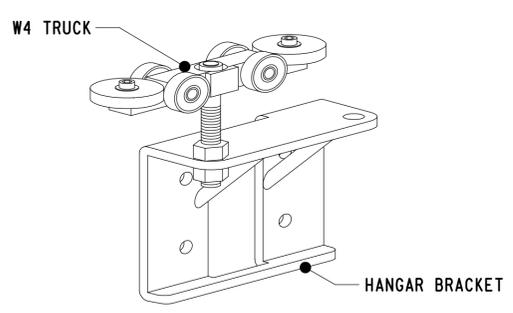


ELEVATION

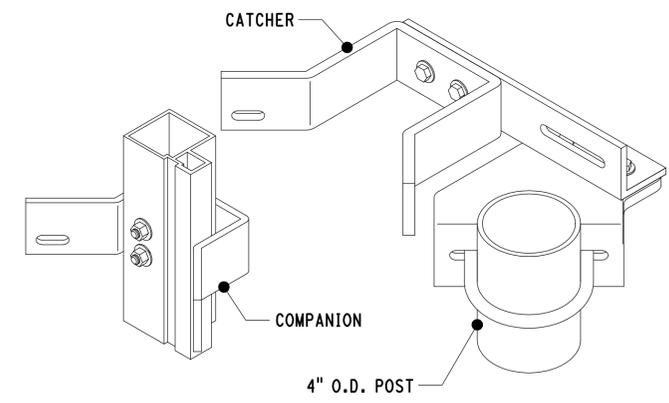
CRITICAL DIMENSION CHART			
MARK	DESCRIPTION	FORMULA	DIM.
A	CLEAR OPENING	A	-
B	COUNTERBALANCE POST SPACING C/C	$(A/2)-11"$	-
C	OVERALL GATE LENGTH	$A \times 1.5$	-
D	COUNTERBALANCE LENGTH	$A \times 0.5$	-
E	NOMINAL GATE HEIGHT	E	-
F	POST HEIGHT (W/BARB ARMS)	$E+1'-6"$	-
G	FABRIC HEIGHT	$E-1'-0"$	-



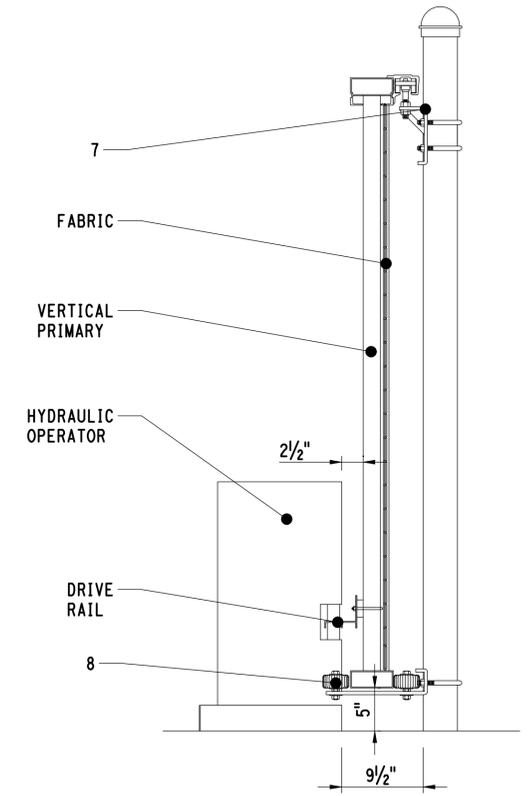
8 BOTTOM GUIDE



7 GATE HANGAR ASSEMBLY



9 CATCH ASSEMBLY



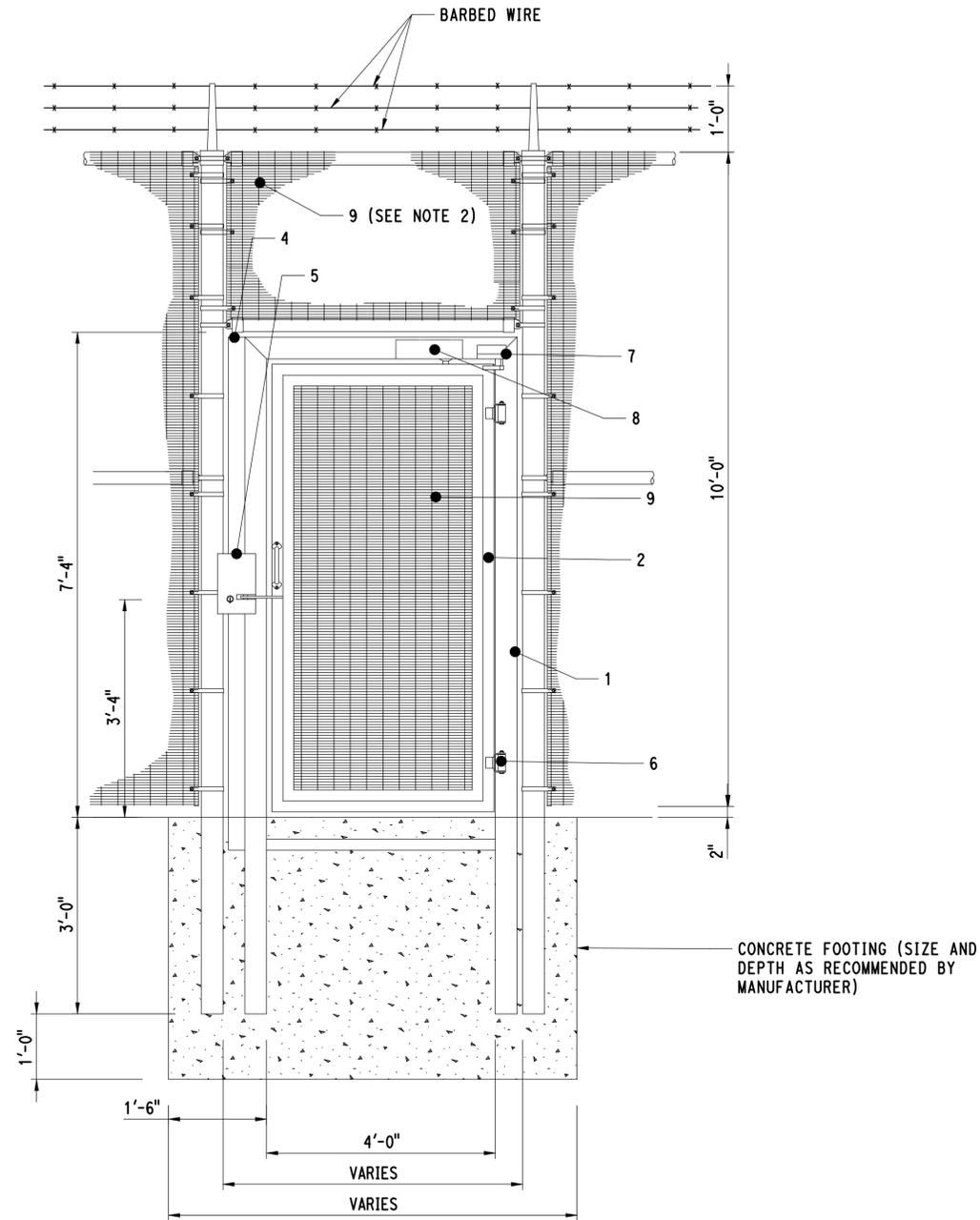
ASSEMBLY SECTION

- NOTES:
- REFER TO CM-005 FOR GROUNDING DETAILS.
 - GROUNDING OF SLIDING GATE SHALL BE PER MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES.

CHAIN LINK CANTILEVER SLIDING GATE

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/25/2015				

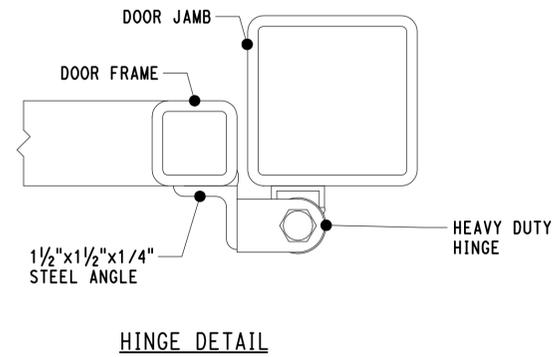


SWING GATE ELEVATION

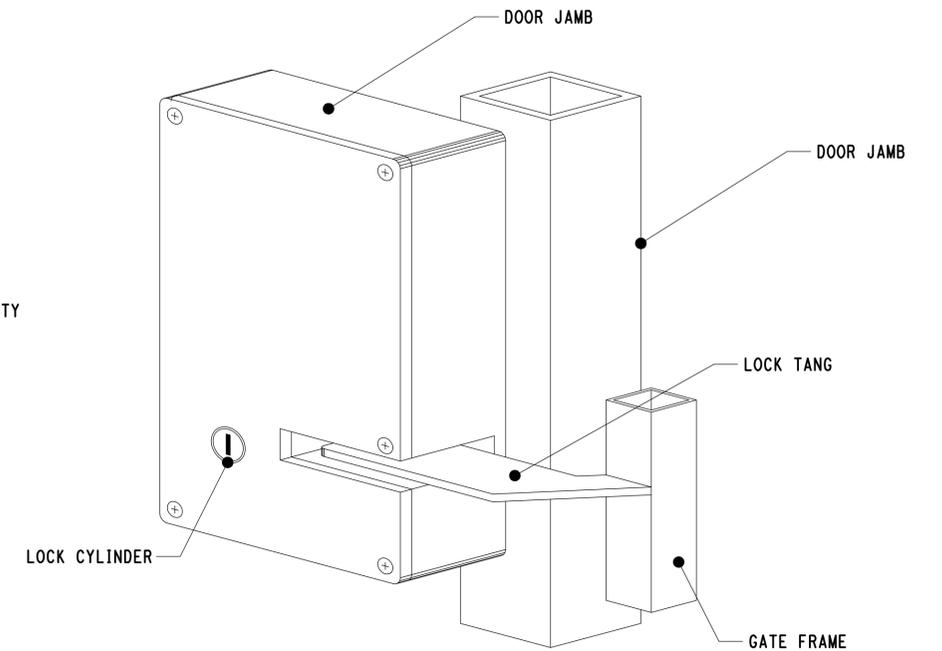
NOTES:

1. ALL FITTINGS STANDARDLY PROVIDED FOR 4" O.D. POSTS.
2. FENCING AND BARBED WIRE ABOVE GATE SHALL BE INCLUDED IN THE COST OF THE CHAIN LINK EGRESS GATE.
3. REFER TO CM-005 FOR GROUNDING DETAILS.

4' CHAIN LINK EGRESS GATE



HINGE DETAIL



ELECTROMECHANICAL LOCK

COMPONENTS		
MARK	DESCRIPTION	NOTES
1	DOOR JAMB (4"x4" STEEL TUBE)	
2	DOOR FRAME (2"x2" STEEL TUBE)	
3	C3x4.1 CHANNEL	BELOW GRADE
4	3"x3"x3/16" STEEL ANGLE	
1	ELECTROMECHANICAL LOCK	
6	HEAVY DUTY HINGE	2 REQUIRED
7	DOOR POSITION SWITCH	
8	DOOR CLOSER	
9	FABRIC	

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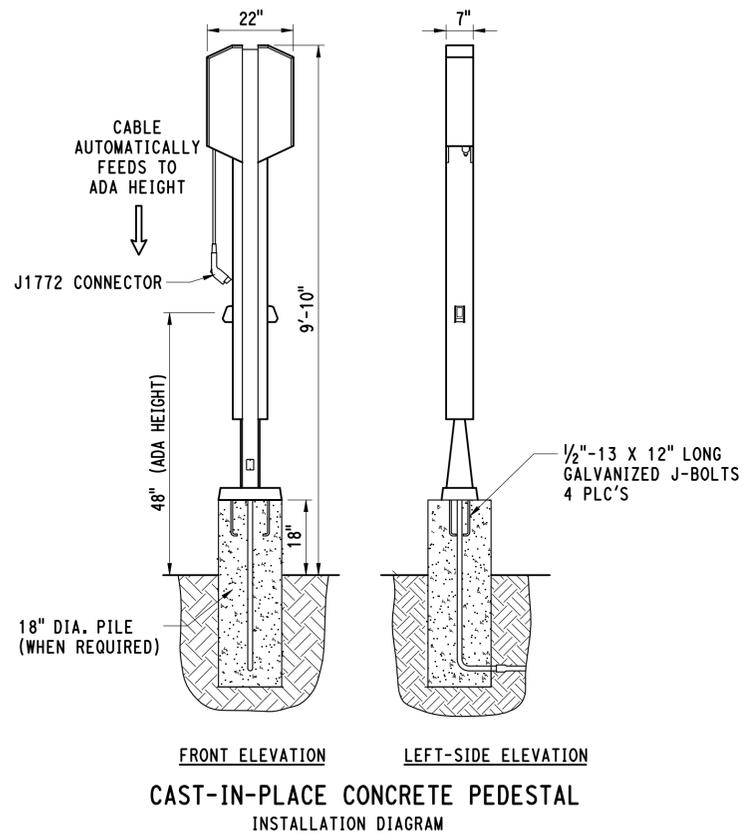
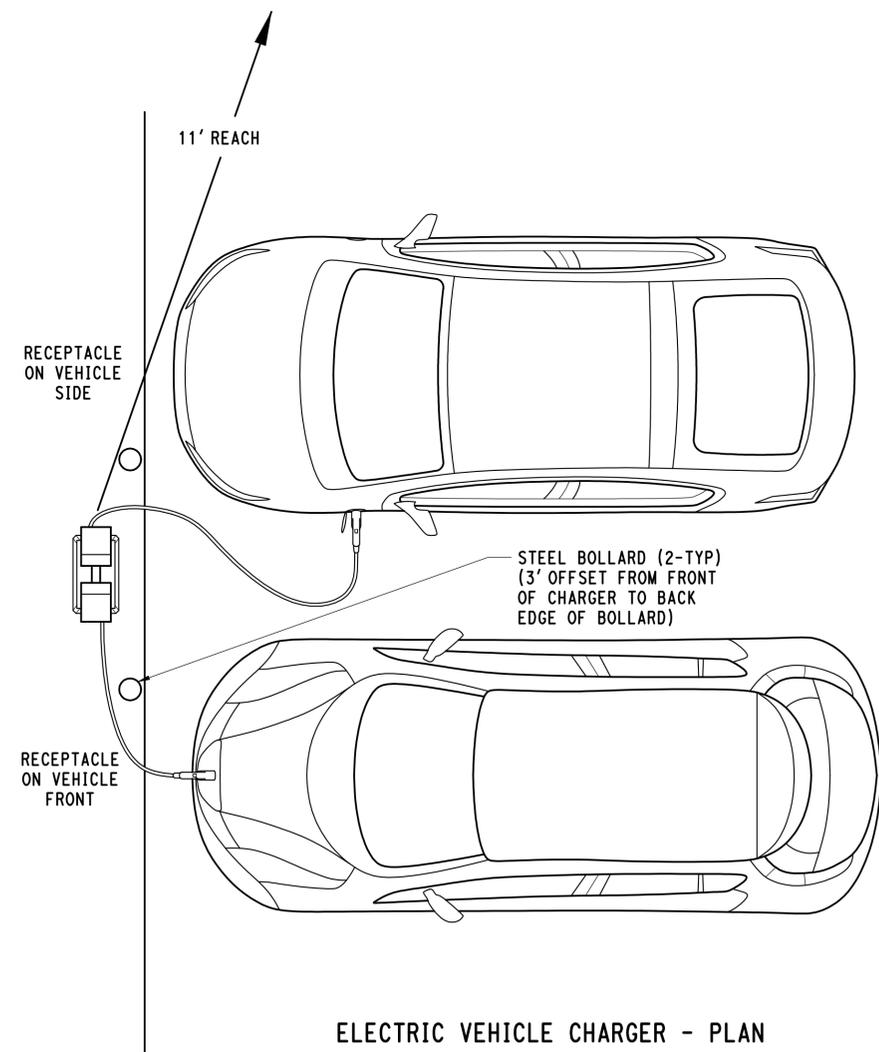
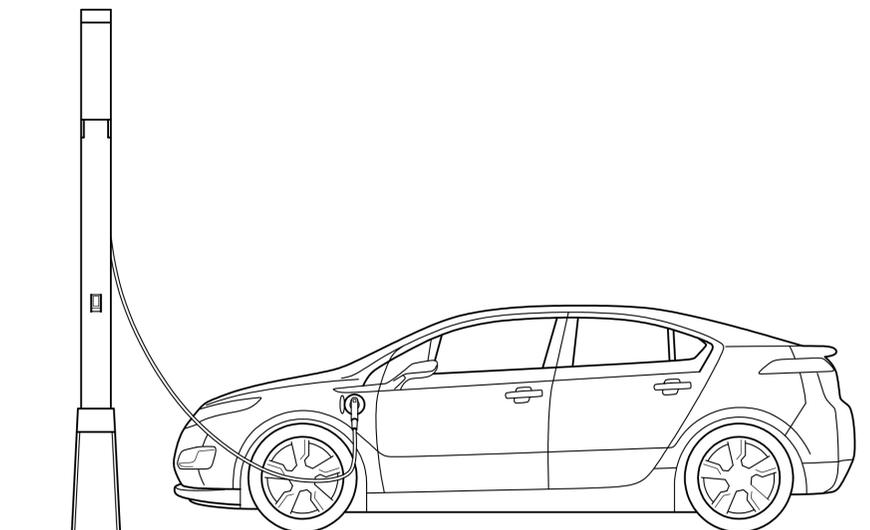
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE: *[Signature]*
 BLOOMINGTON, CT
 PARSONS BRINCKERHOFF
 GLASTONBURY, CT

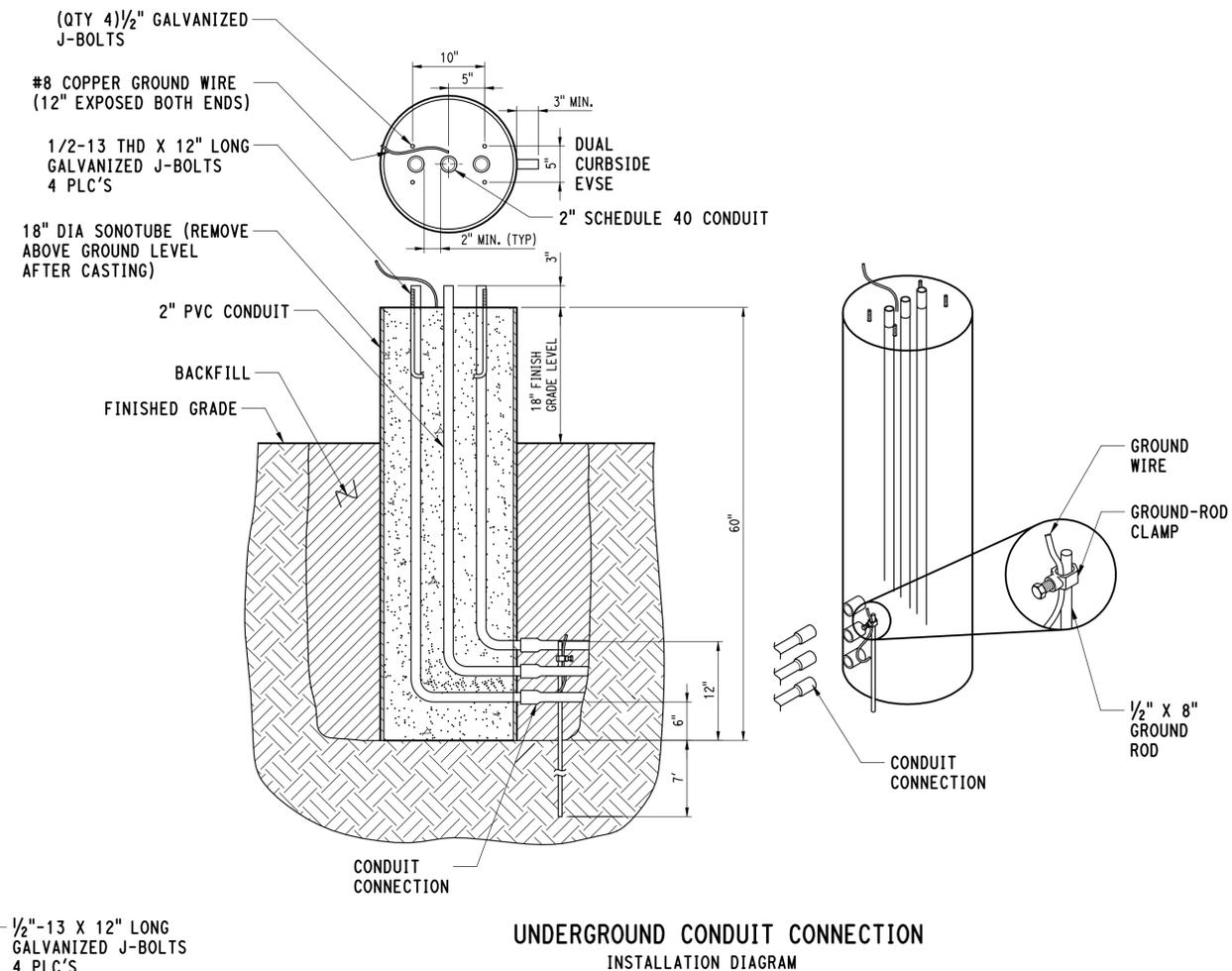
PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**
 DRAWING TITLE: **CIVIL
 MISCELLANEOUS DETAILS**

PROJECT NO. **301-0124**
 DRAWING NO. **CM-007**
 SHEET NO. **04.45**



ELECTRIC VEHICLE CHARGER



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STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

Signature: [Signature]

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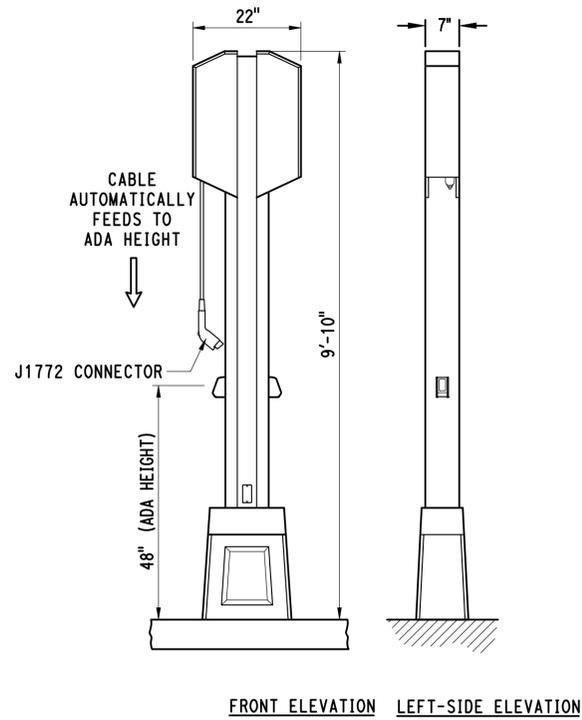
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NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS MAINTENANCE OF WAY BUILDING

PARSONS BRINCKERHOFF
 GLASTONBURY, CT

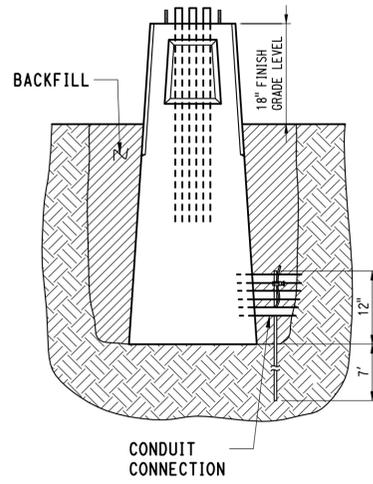
TOWN:
NEW HAVEN

DRAWING TITLE:
CIVIL MISCELLANEOUS DETAILS

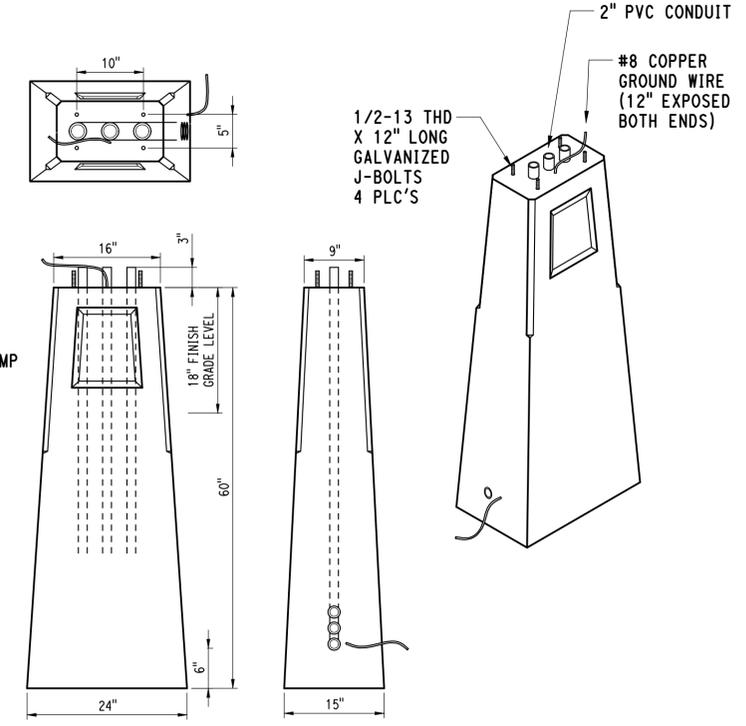
PROJECT NO.: **301-0124**
 DRAWING NO.: **CM-008**
 SHEET NO.: **04.46**



FRONT ELEVATION LEFT-SIDE ELEVATION



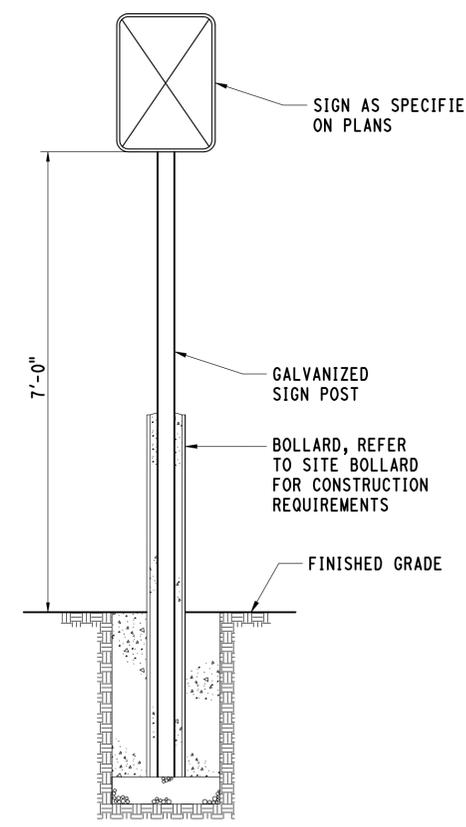
UNDERGROUND CONDUIT CONNECTION



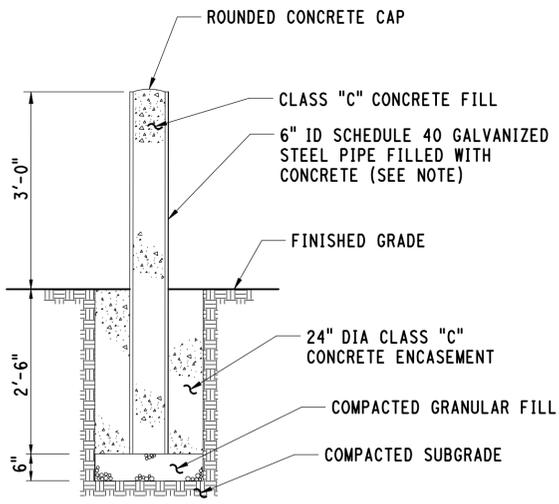
PRECAST CONCRETE PEDESTAL INSTALLATION DIAGRAM

NOTE: STEEL REINFORCING SHALL BE PROVIDED WITHIN THE PEDESTAL AS REQUIRED BY CHARGER MANUFACTURER.

ELECTRIC VEHICLE CHARGER - PRECAST CONCRETE FOUNDATION

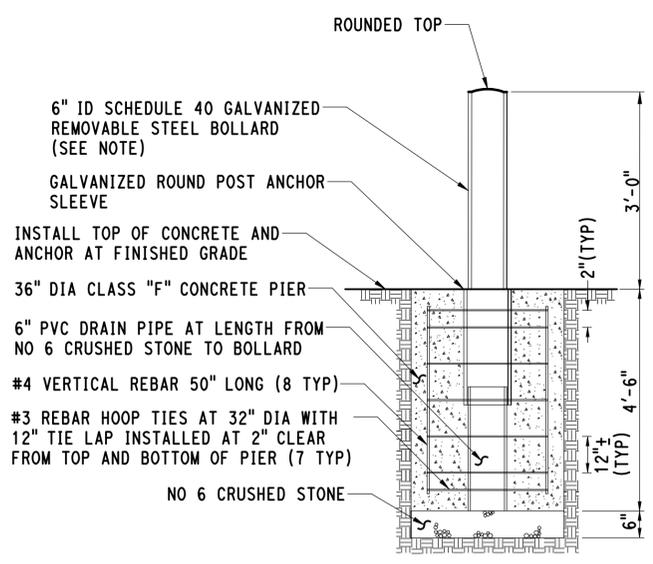


SITE BOLLARD WITH SIGN POST

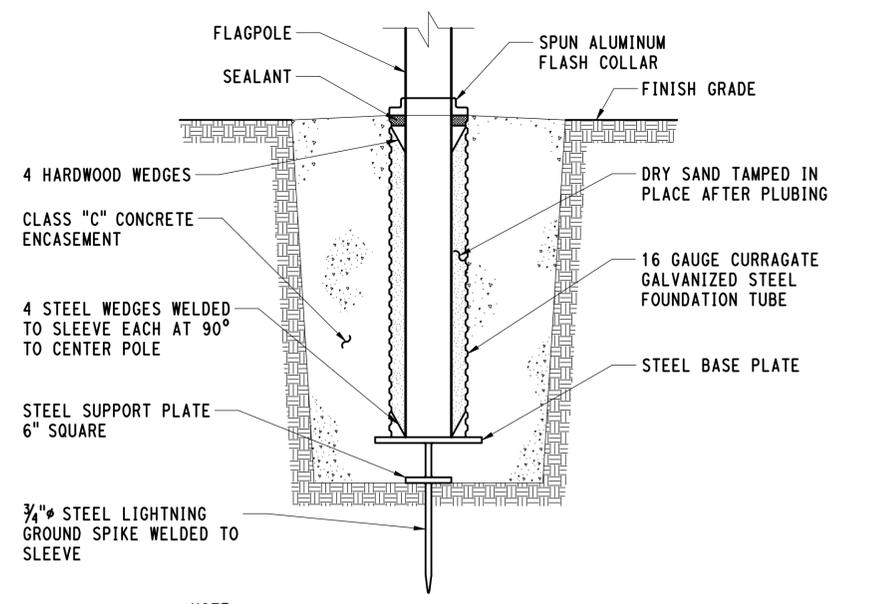


SITE BOLLARD

NOTE: ALL SITE BOLLARDS SHALL HAVE PLASTIC COVERS.



REMOVABLE SITE BOLLARD



NOTE: REFER TO SPECIFICATION SECTION 10 75 00 FOR ADDITIONAL INFORMATION ON FLAGPOLE AND FLAGPOLE FOUNDATION

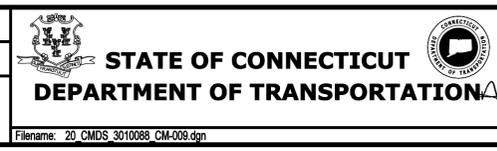
TYPICAL FLAGPOLE FOUNDATION

3/31/2015 12:27:42 PM T:\18965-NHRY\FVIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CMDS_3010088_CM-009.dgn

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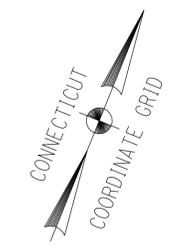


PARSONS BRINCKERHOFF
 GLASTONBURY, CT

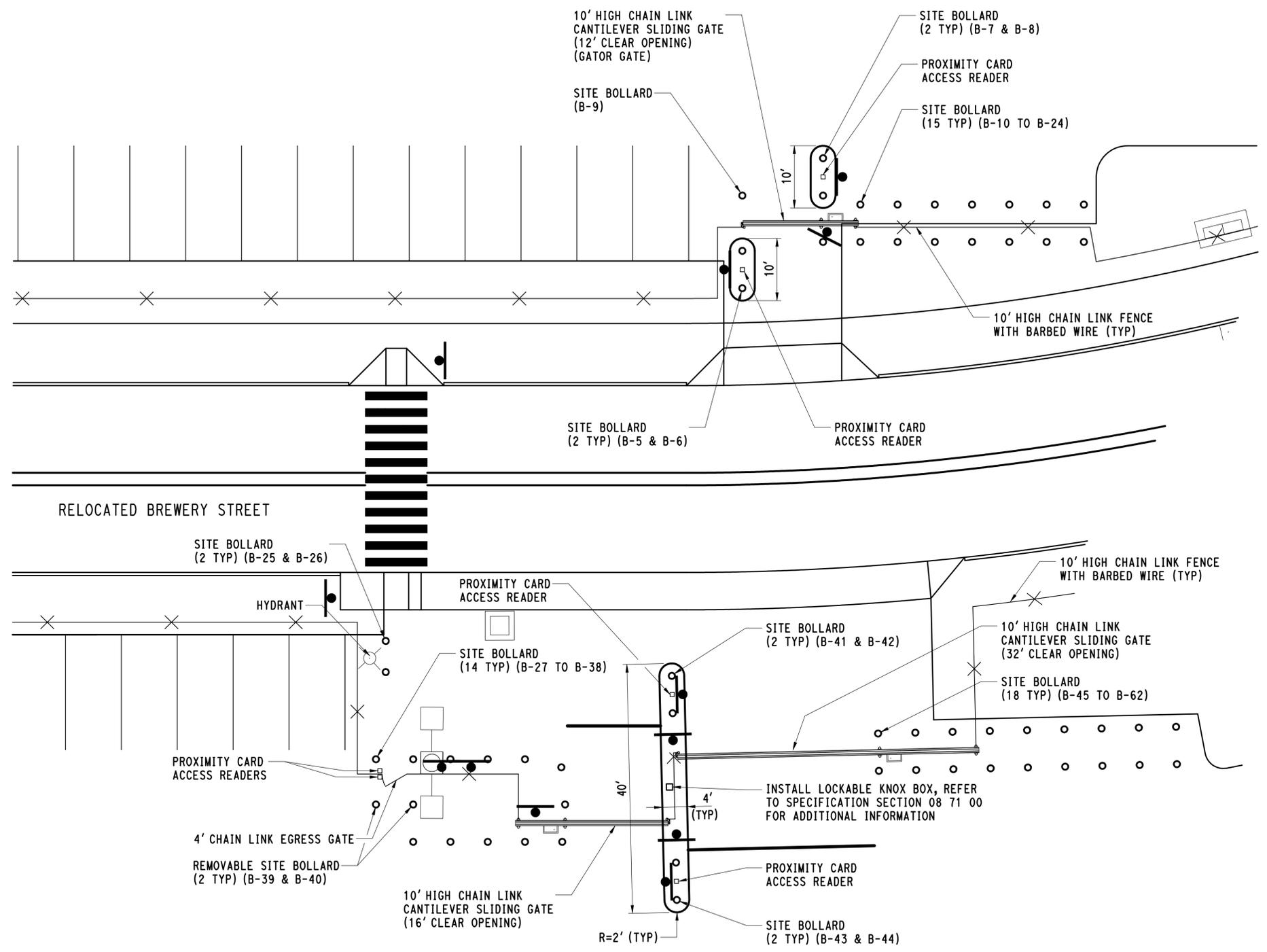
PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**
 DRAWING TITLE: **CIVIL
 MISCELLANEOUS DETAILS**

PROJECT NO. **301-0124**
 DRAWING NO. **CM-009**
 SHEET NO. **04.47**



NOTE:
ELECTRICAL AND COMMUNICATIONS CONNECTIONS TO CONTROLLERS, SWING GATES, CANTILEVER SLIDING GATE, EGRESS GATE, LIFT GATE CONTROLLERS, AND CARD READERS ARE TO BE PROVIDED FROM PANELS WITHIN THE MOW BUILDING. CABLES ARE TO RUN WITHIN PVC CONDUITS IN CONCRETE DUCT BANKS LOCATED A MINIMUM OF 36" BELOW FINISHED GRADE.



BOLLARD COORDINATES		
DESCRIPTION	NORTHING	EASTING
B-5	668893.39	952804.39
B-6	668887.83	952806.65
B-7	668906.51	952813.10
B-8	668912.07	952810.84
B-9	668901.62	952801.05
B-10	668899.61	952815.90
B-11	668901.86	952821.46
B-12	668904.12	952827.02
B-13	668906.37	952832.58
B-14	668908.63	952838.14
B-15	668910.88	952843.70
B-16	668913.14	952849.26
B-17	668915.39	952854.82
B-18	668920.95	952852.56
B-19	668918.70	952847.00
B-20	668916.44	952841.44
B-21	668914.19	952835.88
B-22	668911.93	952830.32
B-23	668909.68	952824.76
B-24	668907.42	952819.20
B-25	668813.75	952774.73
B-26	668809.12	952776.61
B-27	668795.55	952780.41
B-28	668797.80	952785.97
B-29	668800.06	952791.53
B-30	668802.31	952797.09
B-31	668804.57	952802.65
B-32	668805.57	952808.56
B-33	668800.26	952811.36
B-34	668794.53	952813.19
B-35	668792.28	952807.63
B-36	668790.02	952802.07
B-37	668787.76	952796.51
B-38	668785.51	952790.95
B-39	668791.07	952788.70
B-40	668788.81	952783.14
B-41	668825.87	952819.52
B-42	668820.36	952821.90
B-43	668798.33	952831.42
B-44	668792.82	952833.80
B-45	668829.77	952853.78
B-46	668823.15	952859.29
B-47	668834.53	952864.80
B-48	668836.91	952870.31
B-49	668839.29	952875.82
B-50	668841.67	952881.32
B-51	668844.05	952886.83
B-52	668846.43	952892.34
B-53	668848.80	952897.85
B-54	668843.30	952900.23
B-55	668840.92	952894.72
B-56	668838.54	952889.21
B-57	668836.16	952883.70
B-58	668833.78	952878.20
B-59	668831.40	952872.69
B-60	668829.02	952867.18
B-61	668826.64	952861.67
B-62	668824.26	952856.16

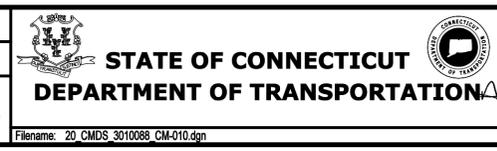
ENLARGED MOW ENTRANCE SLIDING GATE AND GATOR SLIDING GATE PLAN

4/1/2015 1:15:59 PM T:\18965-NHRY\FIC\DOT_Projects\301_0088\Contract_Sheet_Files\20104-Civil\20_CMDS_3010088_CM-010.dgn

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DESIGNER/DRAFTER:
JFK / JLD
CHECKED BY:
WPD
SCALE IN FEET
0 10 20
SCALE 1"=10'



SIGNATURE: [Signature]
PROFESSIONAL ENGINEER
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**CIVIL
MISCELLANEOUS DETAILS**

PROJECT NO.
301-0124
DRAWING NO.
CM-010
SHEET NO.
04.48

R1-1				
BRIGHT WIDE ANGLE RETROREFLECTIVE SHEETING				
LEGEND - WHITE BACKGROUND - RED				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
5.19	30	31-0552	1	.080



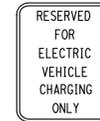
TYPE III REFLECTIVE SHEETING				
BACKGROUND - BLUE LEGEND - WHITE				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
2.00	12x24	31-0629	1	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - BLUE LEGEND - WHITE				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
0.50	12x6	31-0648	1	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - GREEN				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	1	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.00	12x12	-	1	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
3.75	30x18	31-5476	2	.080



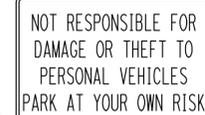
TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
10.50	42x36	-	2	.080



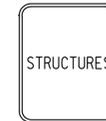
TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
6.00	36x24	-	2	.080



BRIGHT WIDE ANGLE RETROREFLECTIVE SHEETING				
BACKGROUND - SILVER LEGEND - RED				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
6.00	36x24	-	2	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - WHITE LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	12x18	-	-	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - FLUORESCENT YELLOW-GREEN LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
2.00	24x12	41-2607	1	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - FLUORESCENT YELLOW-GREEN LEGEND - BLACK				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
6.25	30	41-4810	1	.080



TYPE III REFLECTIVE SHEETING				
BACKGROUND - GREEN LEGEND - WHITE				
AREA SQ. FT.	SIZE (INCHES)	CTDOT #	POSTS	ALUM. THK.
1.50	18x12	-	1	.080



* SEE NOTE 8

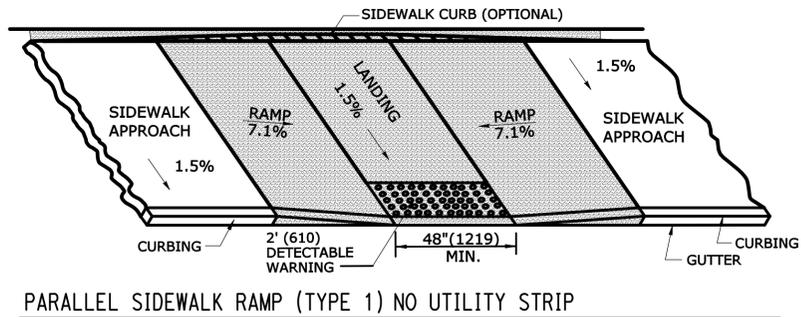
NOTES:

- FOR SPECIFIC SIGN DESIGN CONTACT D.O.T. DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS" AS SPECIFIED IN THE MUTCD. SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
- ALL POSTS SHALL BE TYPE "A" AND CONFORM TO CDOT STANDARD SHEET TR-1208_02.
- SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF ALUMINUM WILL NOT BE ACCEPTED.
- BACKGROUND SHEETING FOR ALL SIGNS SHALL BE AS NOTED OR AS DIRECTED BY THE ENGINEER.
- REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR SIGN LOCATIONS.
- ALL SIGNS ARE TO BE MOUNTED ON POSTS AT A HEIGHT OF 7' MEASURED FROM THE BOTTOM OF THE SIGN TO FINISHED GRADE UNLESS OTHERWISE NOTED ON THE PLANS.
- REFER TO CSI SECTION 10 14 53 TRAFFIC SIGNAGE FOR HARDWARE AND SIGN REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE FINAL GATE NUMBER WITH MNR PRIOR TO FABRICATION OF SIGN.
- PLEASE NOTE AN ADDITIONAL ALLOWANCE OF MISCELLANEOUS TYPE III SIGNS HAS BEEN INCLUDED IN THE CONTRACT. ADDITIONAL SIGN LOCATIONS AND DETAILS FOR THESE SIGNS SHALL BE AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION.

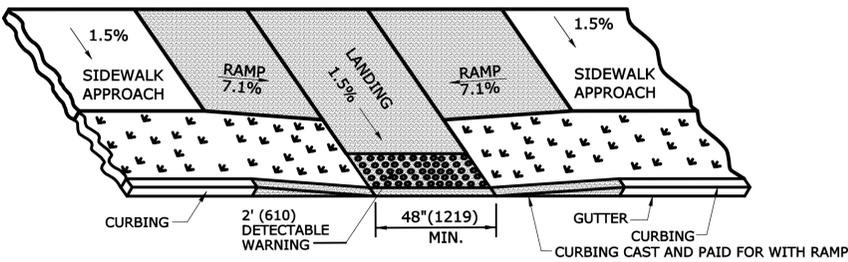
SIGN DETAILS

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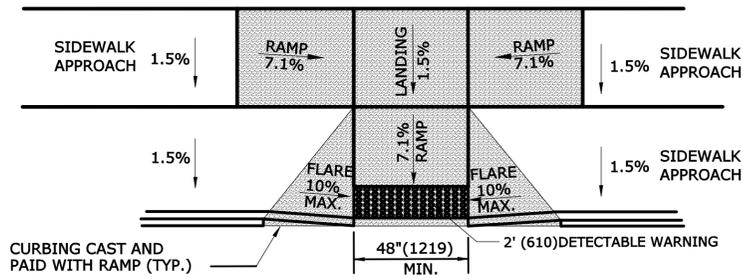
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<p>THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.</p>											DRAWING TITLE: CIVIL MISCELLANEOUS DETAILS	DRAWING NO. CM-011
											SHEET NO. 04.49	



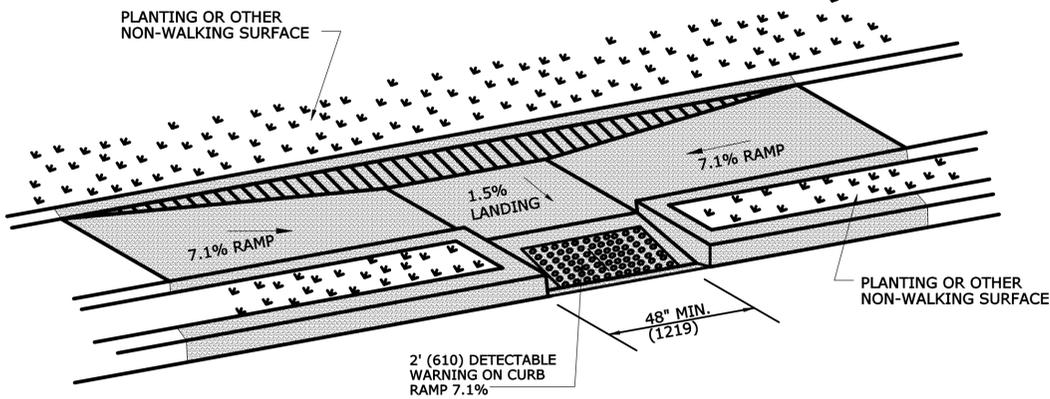
PARALLEL SIDEWALK RAMP (TYPE 1) NO UTILITY STRIP



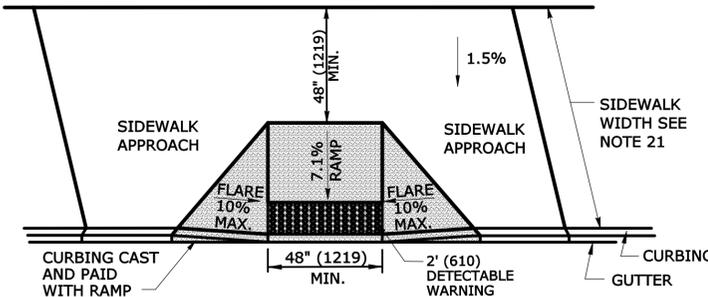
PARALLEL SIDEWALK RAMP (TYPE 1a)
WITH UTILITY / GRASS STRIP



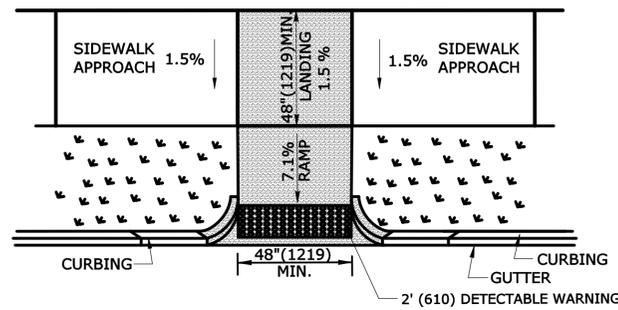
PARALLEL/PERPENDICULAR SIDEWALK RAMP
NO UTILITY/GRASS STRIP (TYPE 1b)



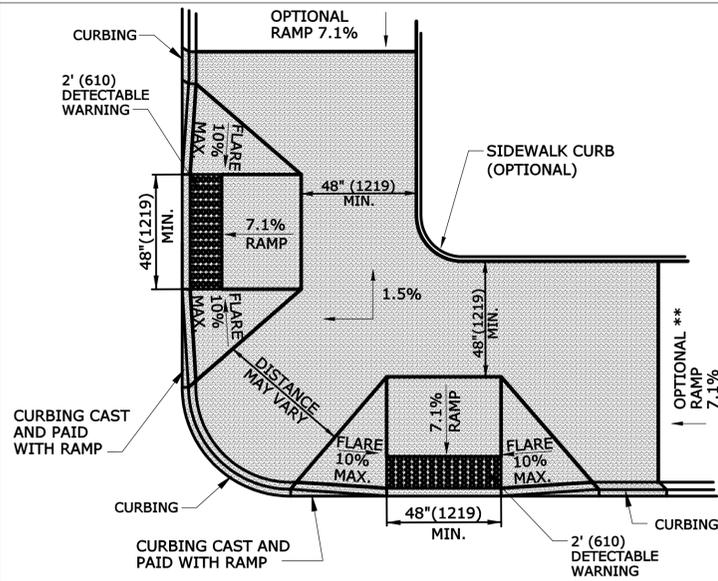
PARALLEL SIDEWALK RAMP (TYPE 1c)
WITH UTILITY / GRASS STRIP



PERPENDICULAR SIDEWALK RAMP
W/ 48" (1219) MIN. BY PASS LANDING (TYPE 2)



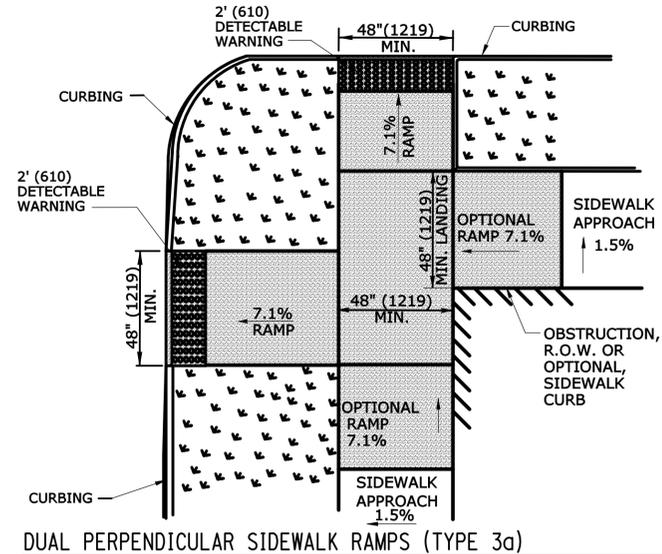
PERPENDICULAR SIDEWALK RAMP
W/CURB RETURNS / UTILITY GRASS STRIP (TYPE 2a)
* OPTIONAL FLARE ONE SIDE OF RAMP



DUAL PERPENDICULAR
SIDEWALK RAMPS (TYPE 3)
SEE NOTES 19
* OPTIONAL CURB RETURN ON ONE SIDE OF RAMP
** SEE NOTE 23

GENERAL NOTES:

1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP SHOULD NOT EXCEED 5%. THE MAXIMUM GRADE DIFFERENCE BETWEEN THE GUTTER AND CURB SHALL NOT EXCEED 1.3%. SEE DETAIL 1 ON SHEET 4.
2. RAMP GRADE SHALL BE UNIFORM, FREE OF SAGS AND ABRUPT GRADE CHANGES. RUNNING SLOPES OF RAMPS SHALL NOT EXCEED 8.33% AND SHALL NOT EXCEED 15' (4.5m) WITHOUT PROVIDING A LANDING.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "F" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS.
4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE OF ALL SIDEWALK RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. SURFACE DISCONTINUITIES SHALL NOT EXCEED 1/8" (3.2) MAX. VERTICAL DISCONTINUITIES BETWEEN 1/8" (3.2) AND 1/4" (6.4) SHALL BE BEVELED 1:2 MINIMUM APPLIED ACROSS THE ENTIRE LEVEL CHANGE.
5. DIAGONAL SIDEWALK RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES. DIAGONAL AND PERPENDICULAR RAMPS SHALL HAVE THE RAMP CUT PERPENDICULAR TO THE TANGENT OF THE CURB RADIUS FOR THE DESIGNATED ACCESSIBLE ROUTE. BOTH LONGITUDINAL SIDES OF THE RAMP SHOULD BE THE SAME LENGTH. SKEWED RAMPS SHOULD BE AVOIDED. FLARES ARE NOT CONSIDERED PART OF PEDESTRIAN ACCESS ROUTE. DIAGONAL RAMPS SHOULD NOT BE INSTALLED WHERE CURB RADIUS IS LESS THAN 20'(6096).
6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT. 8.3% MAXIMUM SLOPE MAY NOT BE ACHIEVABLE DUE TO EXISTING SIDEWALK GRADE. IN RECOGNITION OF THIS, A LIMIT OF 15' (4572) FOR REMOVAL SHALL BE USED UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMMY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK RAMP" OR "CONCRETE SIDEWALK".
7. EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 12' (3658) UNLESS OTHERWISE NOTED.
8. CONCRETE SIDEWALK RAMPS, SHALL BE PAID FOR UNDER THE ITEM "CONCRETE SIDEWALK RAMP", AS DEFINED BY THE CONSTRUCTION LIMITS ON THE PLANS AND SHALL BE FIELD VERIFIED.
9. SIDEWALK RAMPS SHALL BE CONSTRUCTED WITH THE TOE AT THE GUTTER CAST INTEGRALLY WITH RAMP UNLESS DIRECTED OTHERWISE BY THE ENGINEER (SEE TYPICAL SECTION ON SHEET 3). CURB REMOVAL AND CAST IN PLACE CURBING REQUIRED FOR THE RAMP, SHALL BE INCLUDED WITH PAY ITEM "CONCRETE SIDEWALK RAMP". CURBING OUTSIDE LIMITS OF RAMP OR LANDING SHOWN ON SHEET 3 SHALL BE CONSTRUCTED AND PAID FOR IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS.
10. PREFERRED LOCATION TO INSTALL DETECTABLE WARNING STRIP SHALL BE 6" (152) FROM THE EDGE OF ROAD ALONG THE FULL WIDTH OF THE RAMP. FOR ALTERNATE LOCATIONS, REFER TO DETECTABLE WARNING PLACEMENT DETAILS ON SHEET 4.
11. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID IN THE DIRECTION OF RUNNING SLOPE (PERPENDICULAR TO CURB OR SLOPE BREAK). THE TRANSITION FROM RAMP TO GUTTER SHALL BE FLUSH WITHOUT A LIP.
12. WHERE COMMERCIAL DRIVEWAYS ARE PROVIDED WITH TRAFFIC SIGNALS AND THE SIDEWALK IS CONTINUOUS THROUGH DRIVEWAY, DETECTABLE WARNINGS ARE REQUIRED AT THE JUNCTION BETWEEN THE PEDESTRIAN ROUTE AND DRIVEWAY.
13. CONSTRUCT A SIDEWALK CURB WHEN THERE IS INSUFFICIENT BUFFER AVAILABLE TO GRADE OR WHEN CALLED FOR IN PLANS. PAID FOR WITH SIDEWALK RAMP WHEN REQUIRED FOR RAMP.
14. THE TOP AND BOTTOM OF RAMPS SHOULD BE PROVIDED WITH A 4' x 4' (1219 x 1219) MINIMUM LEVEL LANDING AREA WITH A CROSS SLOPE LESS THAN OR EQUAL TO 2% IN ANY DIRECTION.
15. UTILITY POLES, LUMINAIRE, PEDESTRIAN OR SIGNAL POLES, GRATES, ACCESS COVERS, AND OTHER APPURTENANCES SHALL NOT BE LOCATED ON RAMPS, LANDINGS, BLENDED TRANSITIONS, AND @ GUTTERS WITHIN THE PEDESTRIAN ACCESS ROUTE.
16. APPROACH SIDEWALK WIDTHS, GRASS STRIP OR UTILITY STRIP WIDTHS MAY VARY.
17. APPROACH SIDEWALK AND LANDING CROSS SLOPE SHALL NOT EXCEED 2%.
18. THE RUNNING OR CROSS SLOPES ON LANDINGS AT MID BLOCK CROSSING MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.
19. FOR PERPENDICULAR CURB RAMPS A MIN. 4'(1.2m) x 4'(1.2m) LEVEL LANDING SHALL BE PROVIDED AT THE TOP OF CURB RAMP. WHERE THE LEVEL LANDING IS RESTRICTED AT THE BACK OF SIDEWALK THE LEVEL LANDING SHALL BE 4'(1.2m) x 5'(1.5m) WITH THE 5'(1.5m) DIMENSION PROVIDED IN THE DIRECTION OF THE RAMP RUN.
20. FOR PARALLEL CURB RAMPS, A MIN. 4'(1.2m) x 4'(1.2m) LEVEL LANDING SHALL BE PROVIDED AT THE BOTTOM OF CURB RAMP. IF THE LEVEL LANDING IS RESTRICTED ON 2 OR MORE SIDES, THE LEVEL LANDING SHALL BE 4'(1.2m) x 5'(1.5m) WITH THE 5' (1.5m) DIMENSION PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
21. WHEN WIDTH OF SIDEWALK IS >48" AND A PERPENDICULAR SIDEWALK RAMP IS INSTALLED, THE FLARED SIDES SHALL BE 10% MAX. IF WIDTH OF SIDEWALK IS <48" THE FLARED SIDES MUST NOT EXCEED 8.33% (12:1).
22. SHADED AREAS ARE TYPICAL PAY LIMITS FOR CONCRETE SIDEWALK RAMP BUT, MAY VARY AS DIRECTED BY THE ENGINEER.
23. OPTIONAL RAMP, WHEN REQUIRED, SHALL BE PAID FOR AS PART OF CONCRETE SIDEWALK RAMP.



DUAL PERPENDICULAR SIDEWALK RAMPS (TYPE 3a)
WITH UTILITY / GRASS STRIP
SEE NOTE 20

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

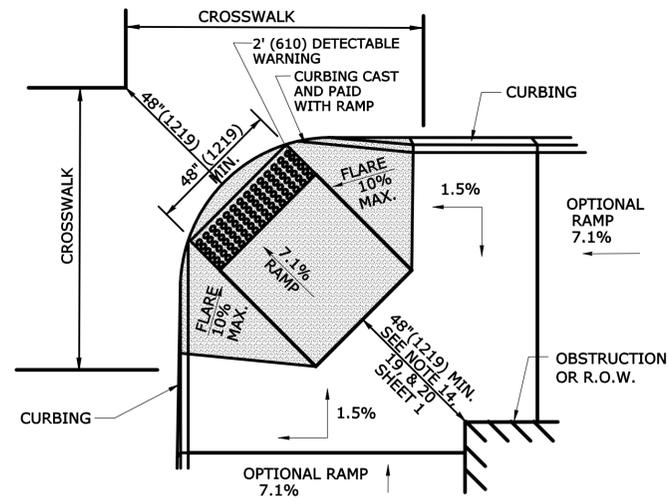
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PARSONS BRINCKERHOFF
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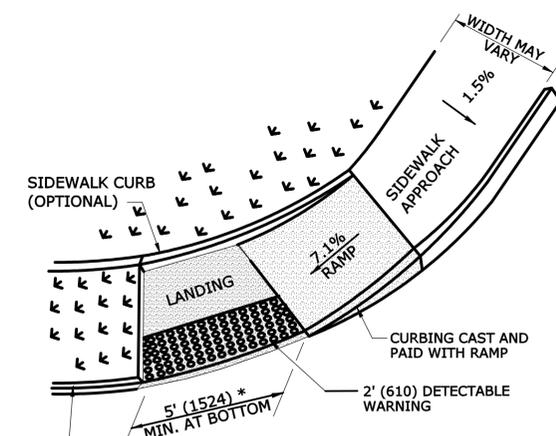
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TOWN: NEW HAVEN
DRAWING TITLE: SIDEWALK RAMP SHEET 1

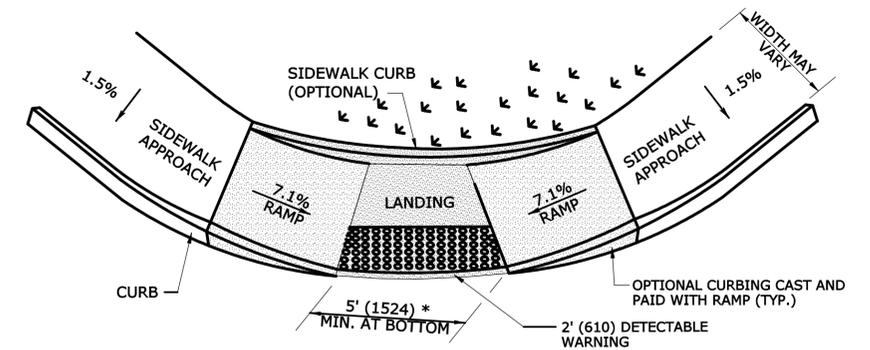
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SHEET NO. 04.50



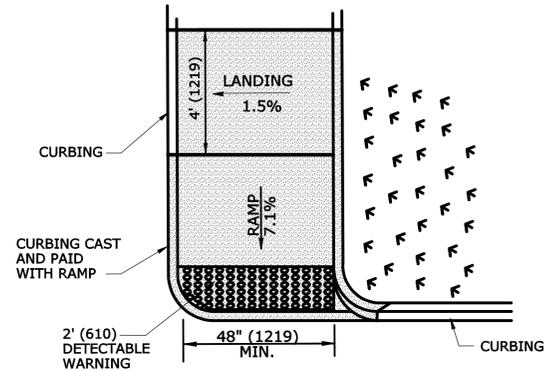
DIAGONAL SIDEWALK RAMP (TYPE 4)
W/LANDING AT TOP



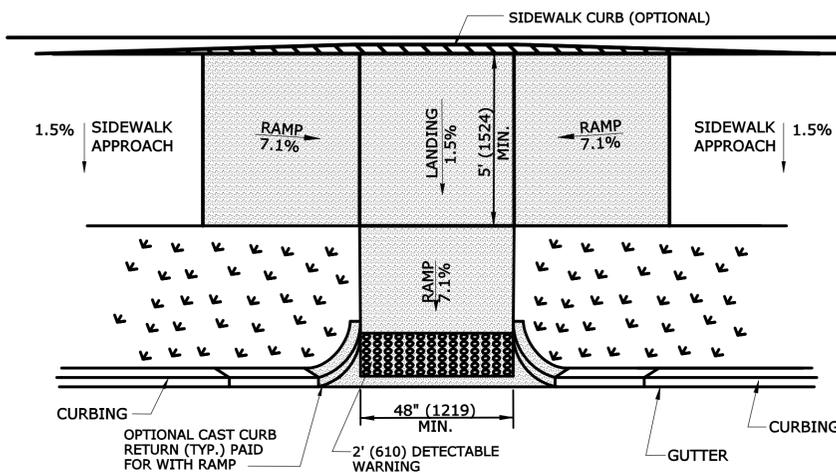
SINGLE PARALLEL SIDEWALK RAMP
W/LANDING AT BOTTOM ON
CORNER (TYPE 4c)
* SEE NOTE 20 SHEET 1



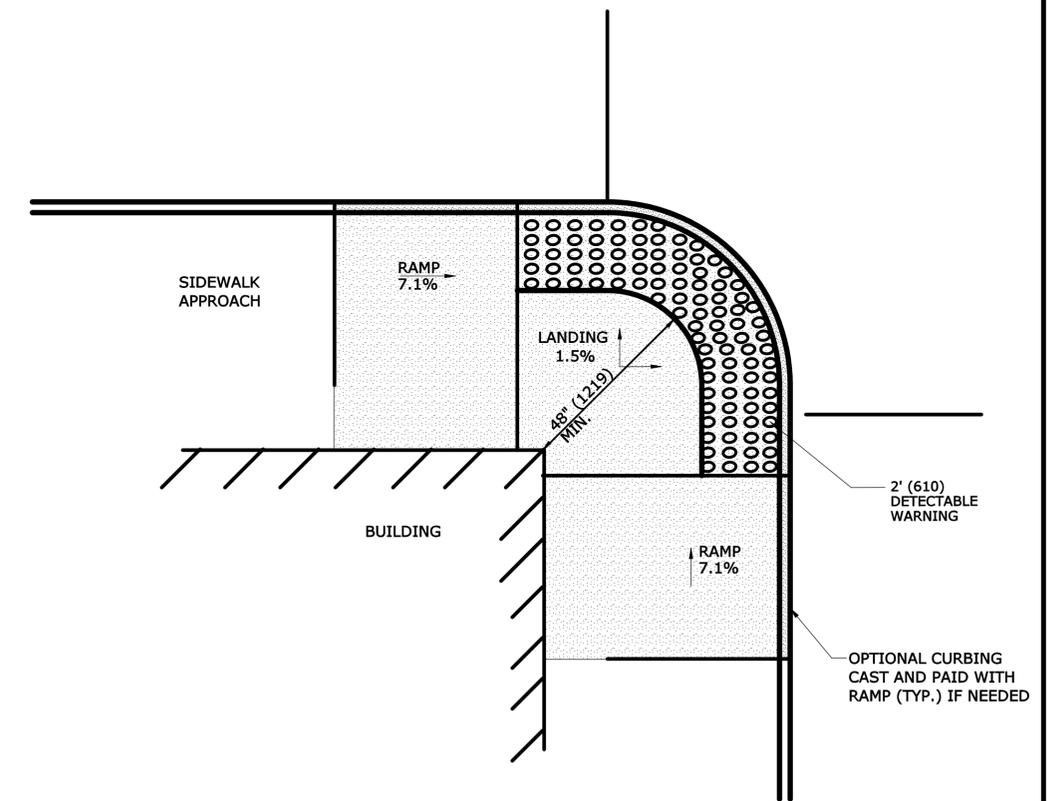
DOUBLE PARALLEL SIDEWALK RAMP
W/LANDING AT BOTTOM ON CORNER (TYPE 4f)
* SEE NOTE 20 SHEET 1



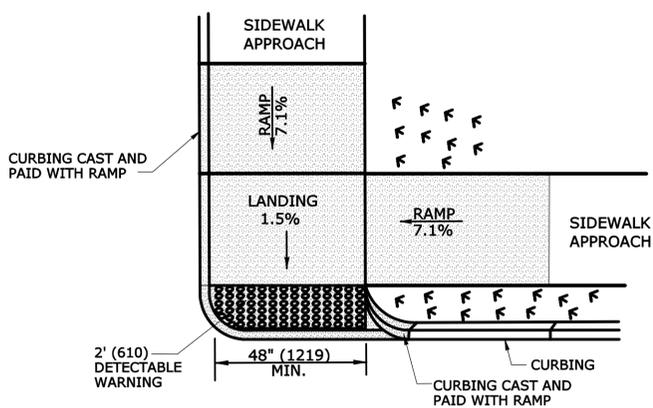
SINGLE DIRECTION
PERPENDICULAR SIDEWALK RAMP
NO / UTILITY GRASS STRIP
(TYPE 4a)



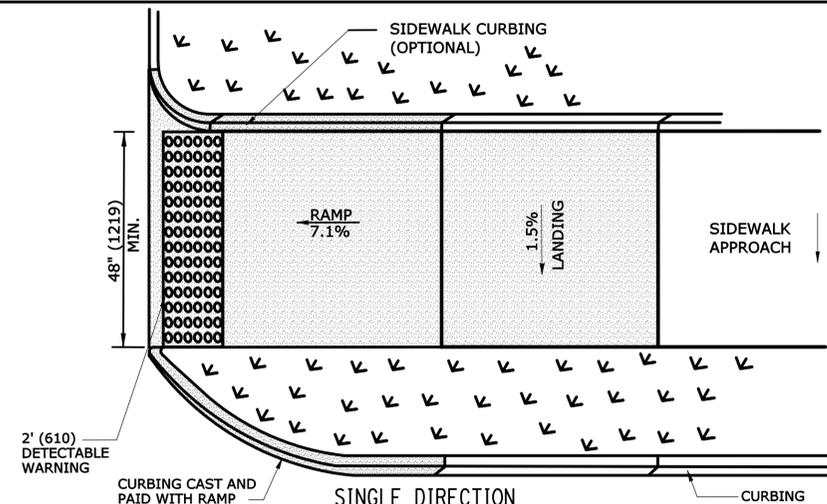
PARALLEL/PERPENDICULAR SIDEWALK RAMP
COMBINATION W/ CURB RETURNS (TYPE 4d)
* OPTIONAL FLARE ONE SIDE



RESTRICTED CONDITION
DIAGONAL SIDEWALK RAMP
(TYPE 4g)



DOUBLE DIRECTION
PARALLEL SIDEWALK RAMP
NO / UTILITY GRASS STRIP
(TYPE 4b)
SEE NOTE 20 SHEET 1



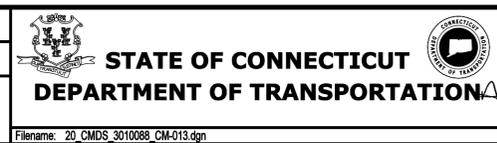
SINGLE DIRECTION
PERPENDICULAR SIDEWALK RAMP
W/ UTILITY GRASS STRIP (TYPE 4e)
REFER TO DETECTABLE WARNING PLACEMENT ON SHEET 4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED

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DESIGNER/DRAFTER:
MGB/EMK
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LLF
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SIGNATURE:
BLOOMINGTON, CT
PARSONS BRINCKERHOFF
GLASTONBURY, CT

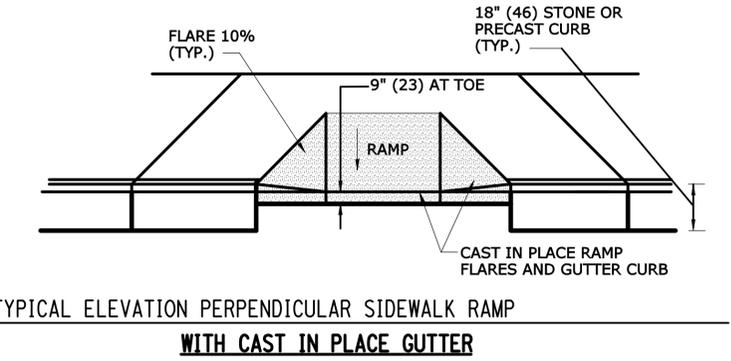
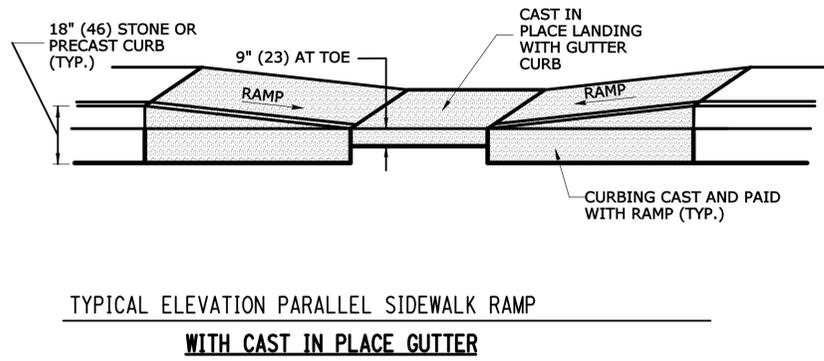
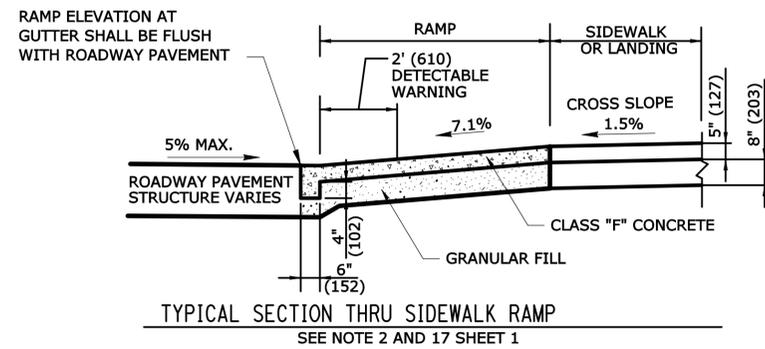
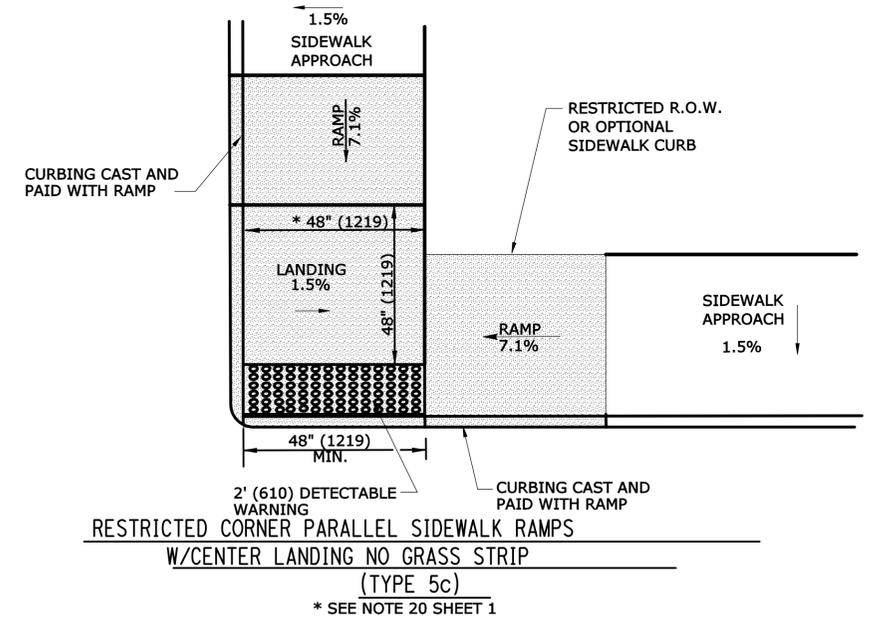
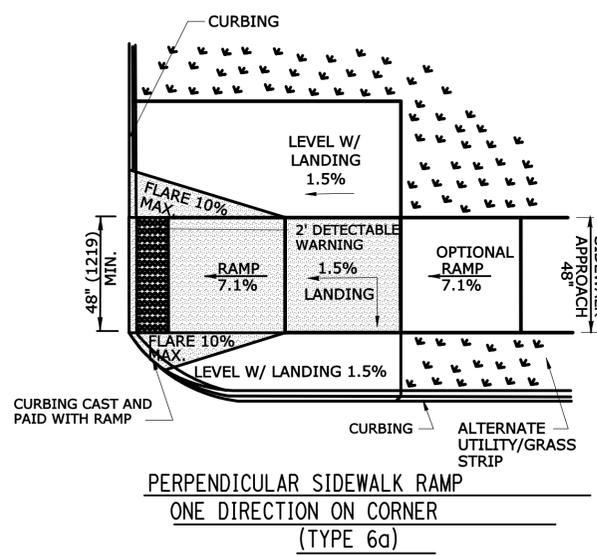
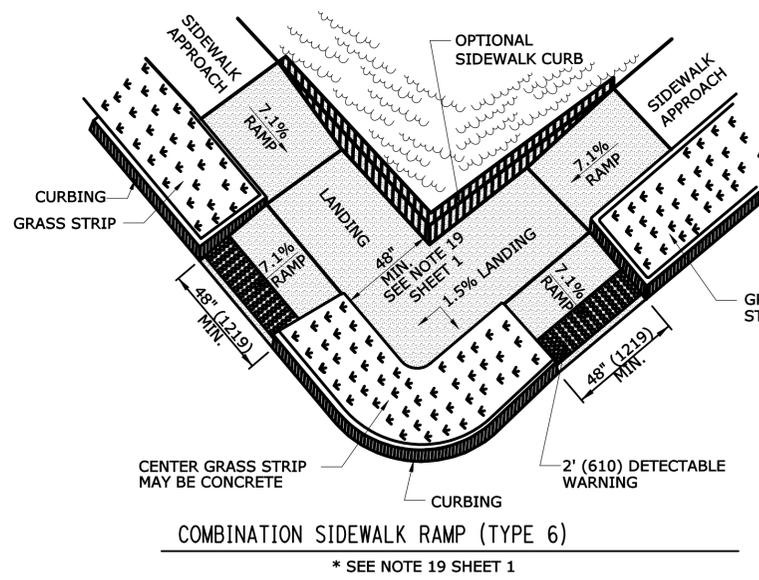
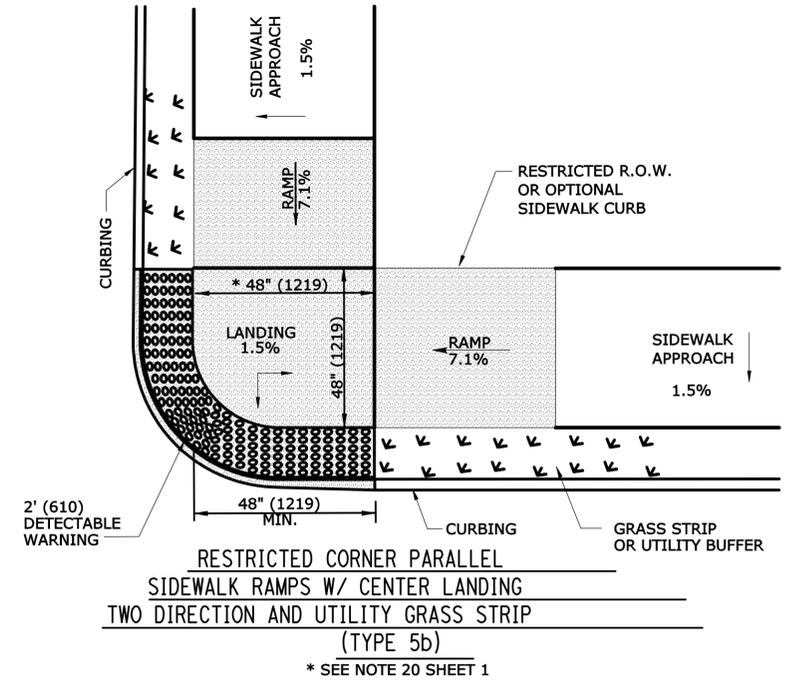
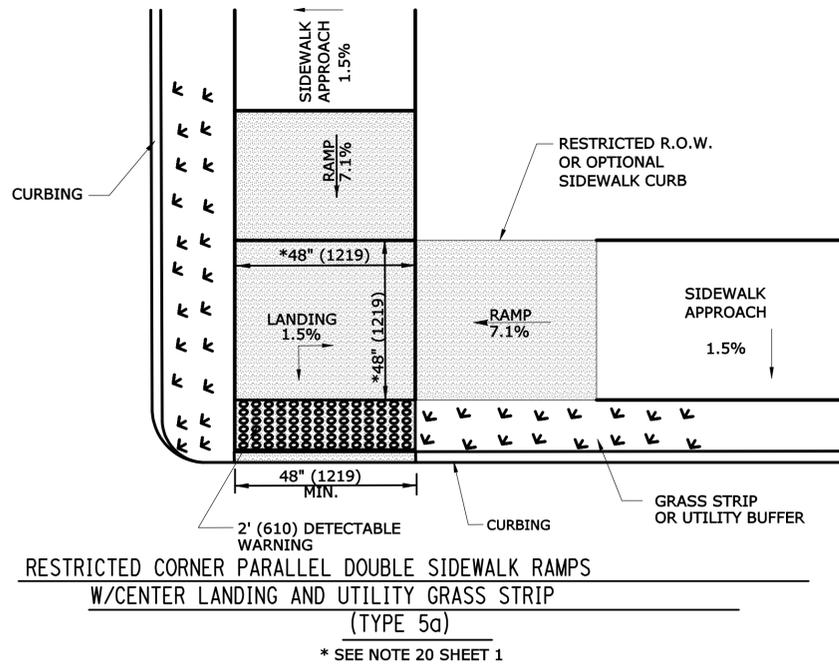
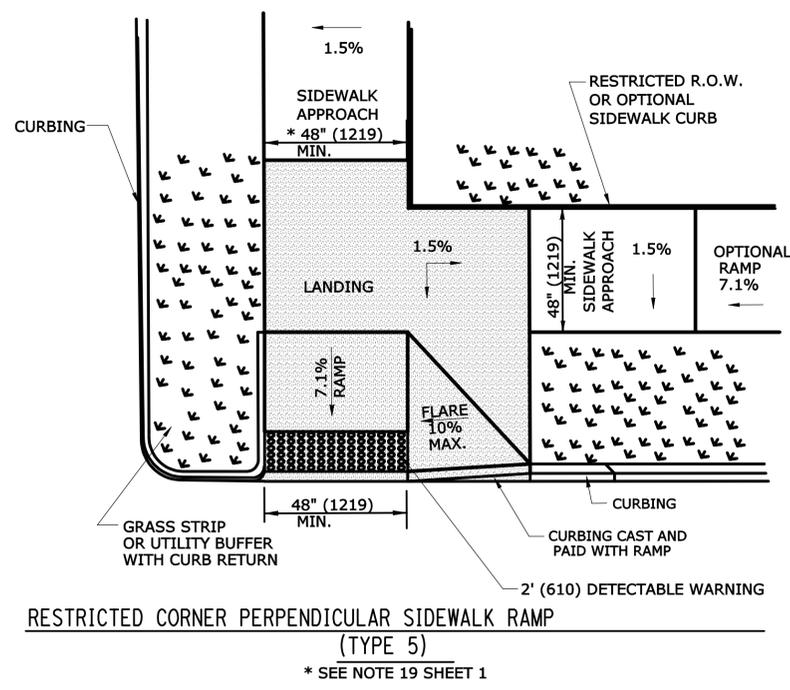
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**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**SIDEWALK RAMP
SHEET 2**

PROJECT NO.
301-0124
DRAWING NO.
CM-013
SHEET NO.
04.51

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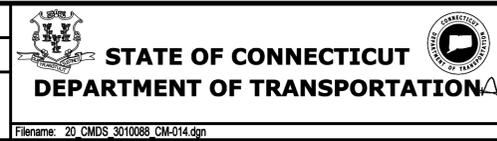


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LLF
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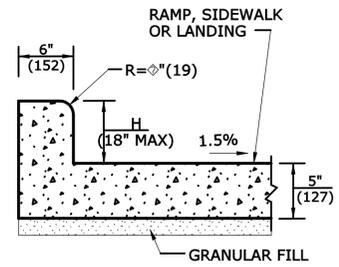


SIGNATURE OF REGISTERED PROFESSIONAL ENGINEER
**PARSONS BRINCKERHOFF
GLASTONBURY, CT**

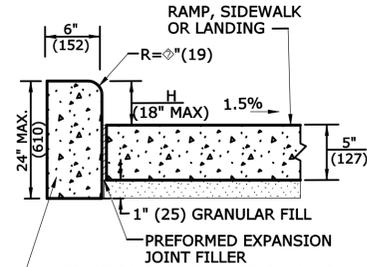
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**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**SIDEWALK RAMP
SHEET 3**

PROJECT NO.
301-0124
DRAWING NO.
CM-014
SHEET NO.
04.52

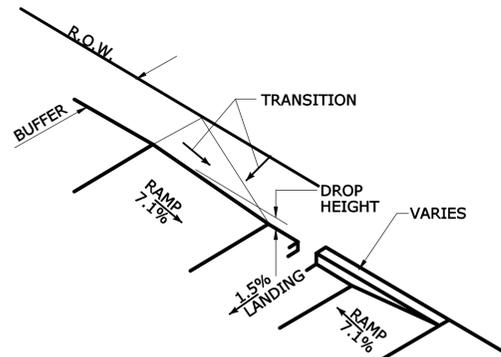


MONOLITHIC CAST CURB

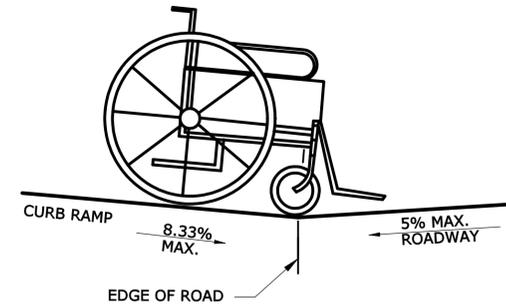


SEPARATELY CAST CURB

SIDEWALK CURB OPTIONS AT BACK OF SIDEWALK



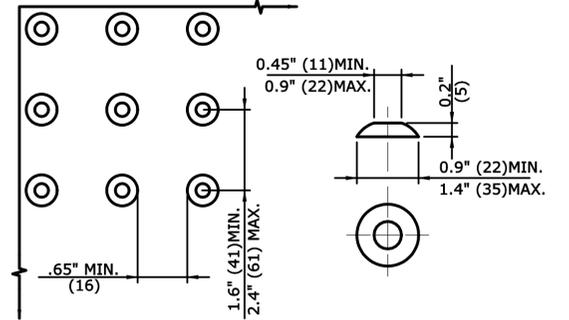
BACK OF SIDEWALK CURB OR BUFFER TRANSITION



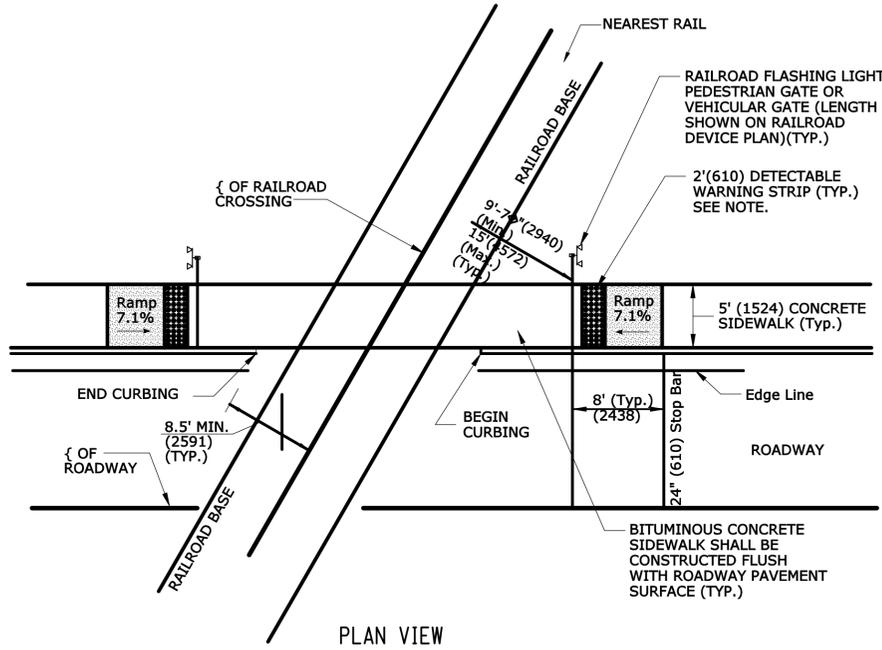
**DETAIL 1
SEE GRADE CHANGE AT ROADWAY INTERFACE**
SEE NOTE 1 SHEET HW-921 02a

GENERAL NOTES:

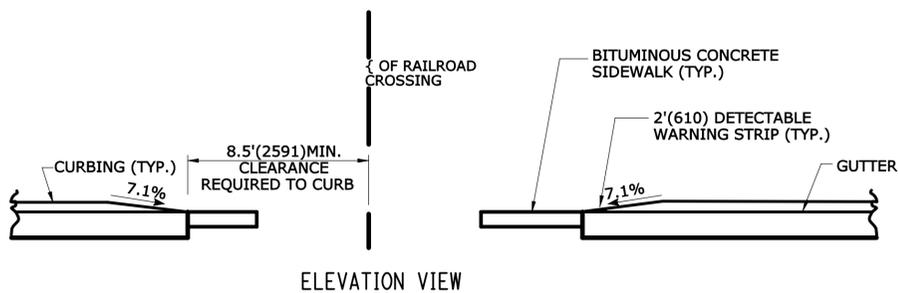
1. RAMPED MEDIANS SHALL HAVE A CURB RAMP AT EITHER END AND LEVEL LANDING A MINIMUM OF 5' x 5' (1.5m x 1.5m) IN BETWEEN. CUT-THROUGH MEDIANS SHALL BE A MINIMUM OF 6' (1.8m) LONG AND 5' (1.5m) WIDE. FOR ALL MEDIANS, CUT-THROUGH OR RAMPED, A 2' (610) STRIP OF DETECTABLE WARNINGS SHALL BE INSTALLED AT THE ENTRANCE AND EXIT.
2. SEE GENERAL NOTES ON SHEET 1.



DOME SPACING **DOME SECTION**
STANDARD DOME ON DETECTABLE WARNING TILES



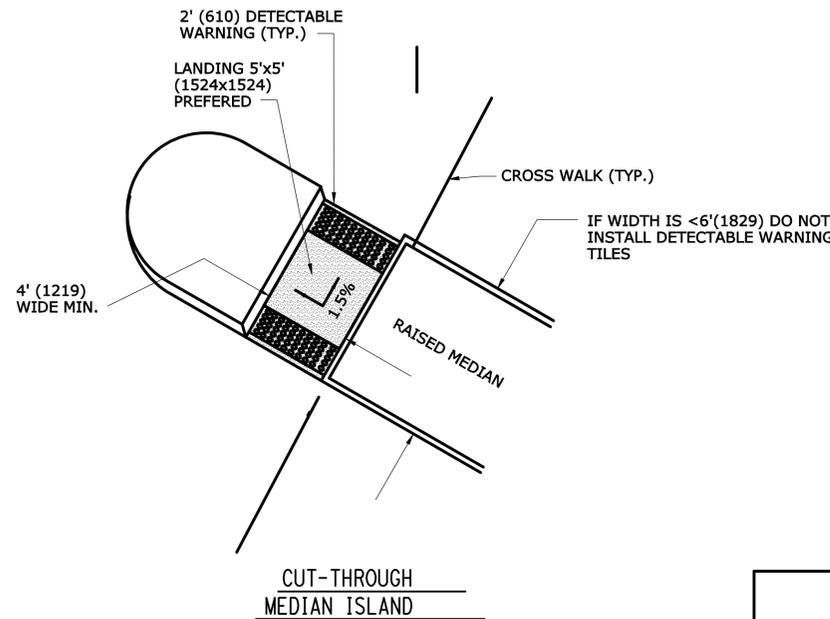
PLAN VIEW



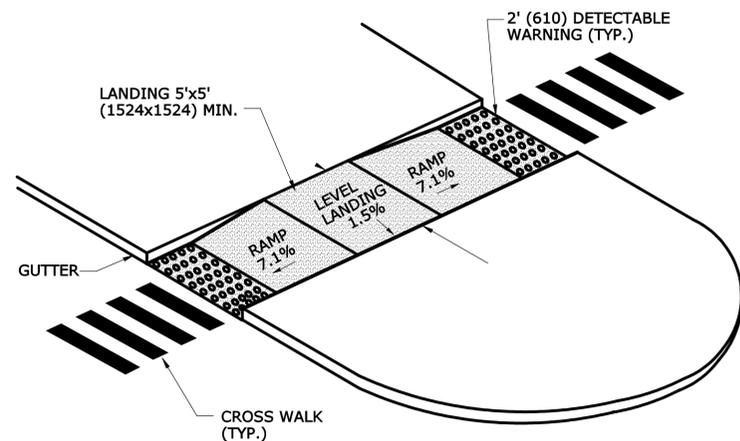
ELEVATION VIEW

DETECTABLE WARNINGS AT RAILROAD CROSSING

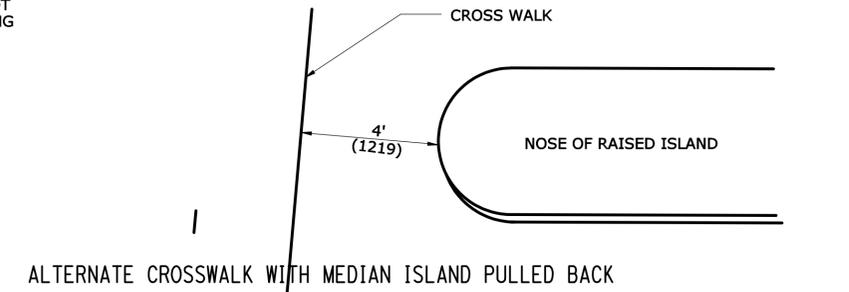
NOTE: WHEN NO GATE IS PRESENT, INSTALL DETECTABLE WARNING SURFACE 12' (3.6m) FROM THE NEAREST RAIL. IF GATE IS PRESENT, INSTALL DETECTABLE WARNING 2' (610) PRIOR TO GATE. THE ROWS OF TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL BE INSTALLED PARALLEL WITH THE DIRECTION OF PEDESTRIAN TRAVEL.



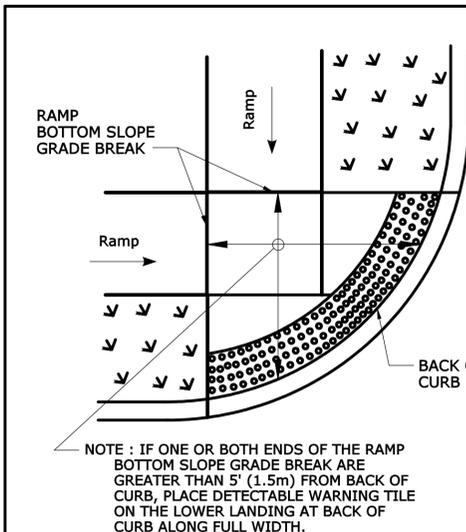
CUT-THROUGH MEDIAN ISLAND



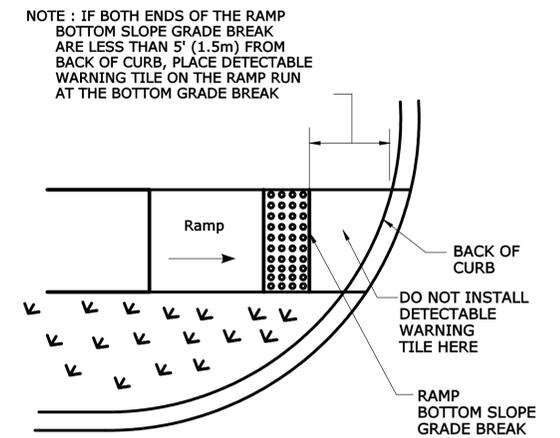
RAISED MEDIAN ISLAND WITH LANDING AND RAMPS



ALTERNATE CROSSWALK WITH MEDIAN ISLAND PULLED BACK



DETECTABLE WARNING PLACEMENT DETAIL 1



DETECTABLE WARNING PLACEMENT DETAIL 2

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED

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DESIGNER/DRAFTER: MGB/EMK
CHECKED BY: LLF
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

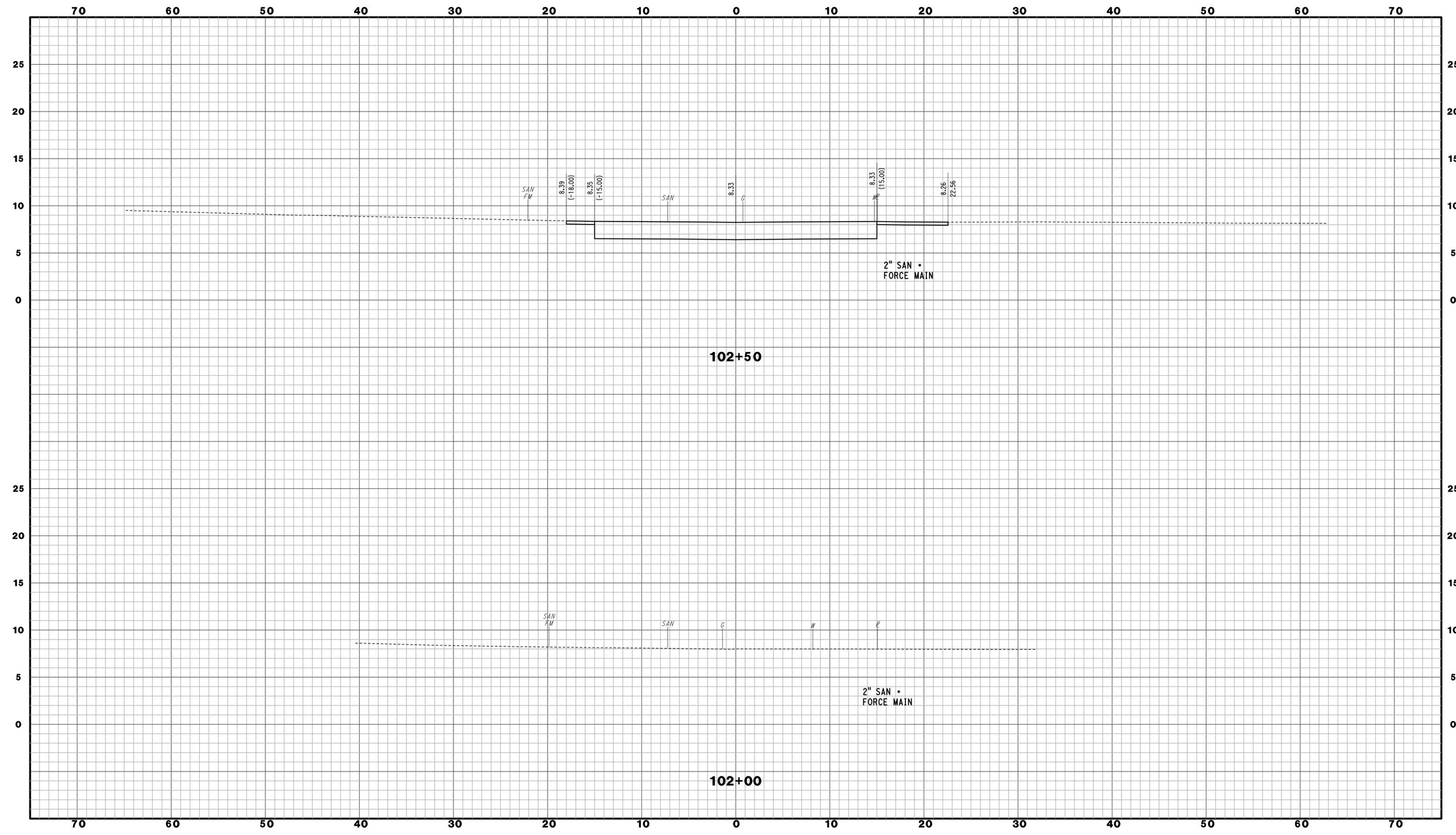
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**SIDEWALK RAMP
SHEET 4**

PROJECT NO.
301-0124

DRAWING NO.
CM-015

SHEET NO.
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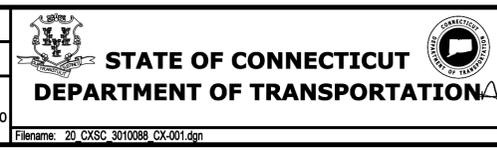
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Plotted Date: 3/27/2015

DESIGNER/DRAFTER:
JFK / JLD

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WPD

SCALE IN FEET
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SCALE 1" = 5'



SIGNATURE
BLOOMFIELD, CT

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

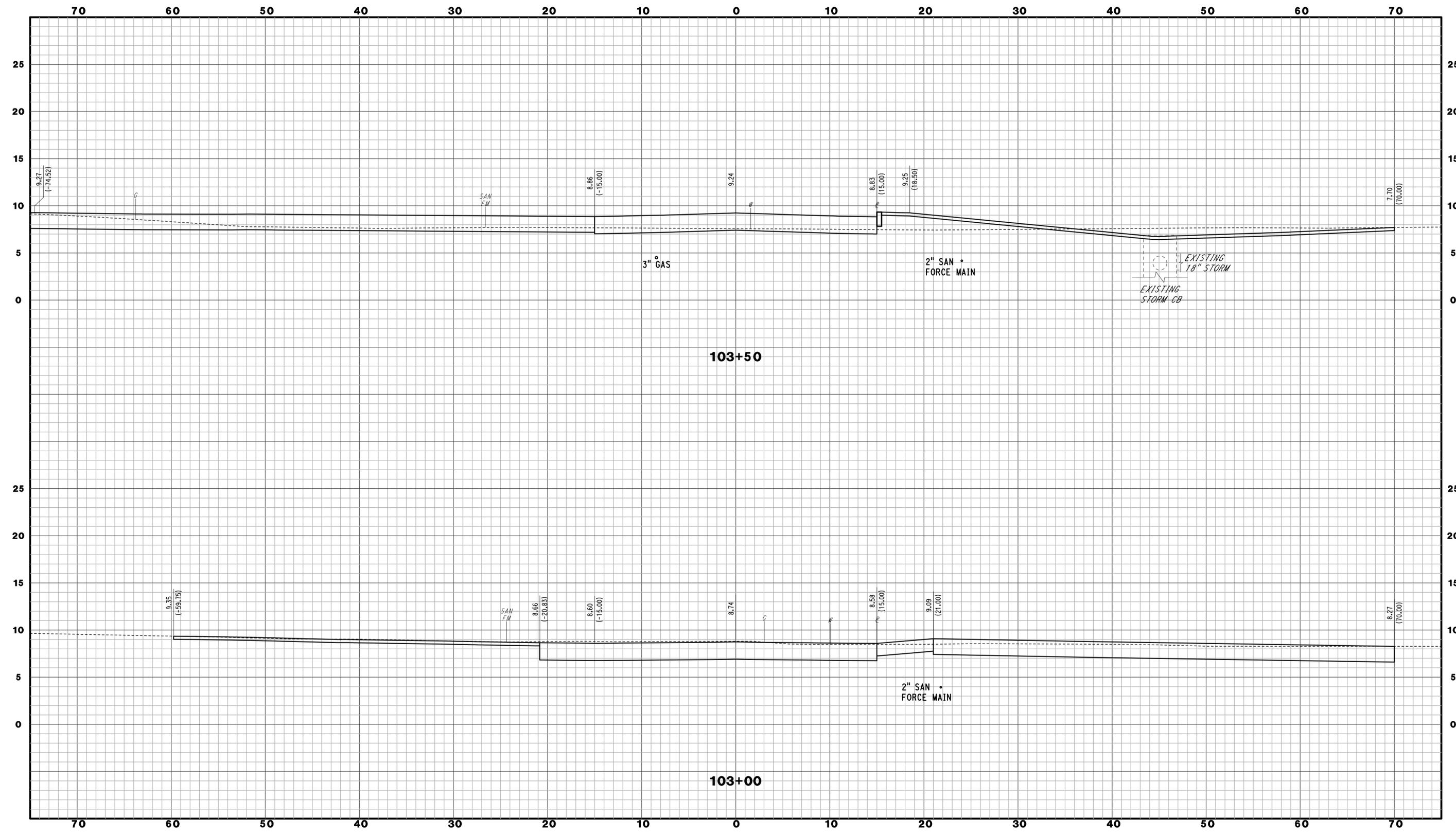
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**RELOCATED BREWERY ST
CROSS SECTIONS**

PROJECT NO.
301-0124

DRAWING NO.
CX-001

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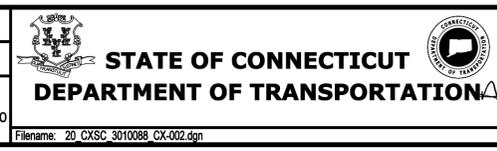
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SCALE IN FEET
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SCALE 1" = 5'



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BLOOMFIELD, CT
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GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

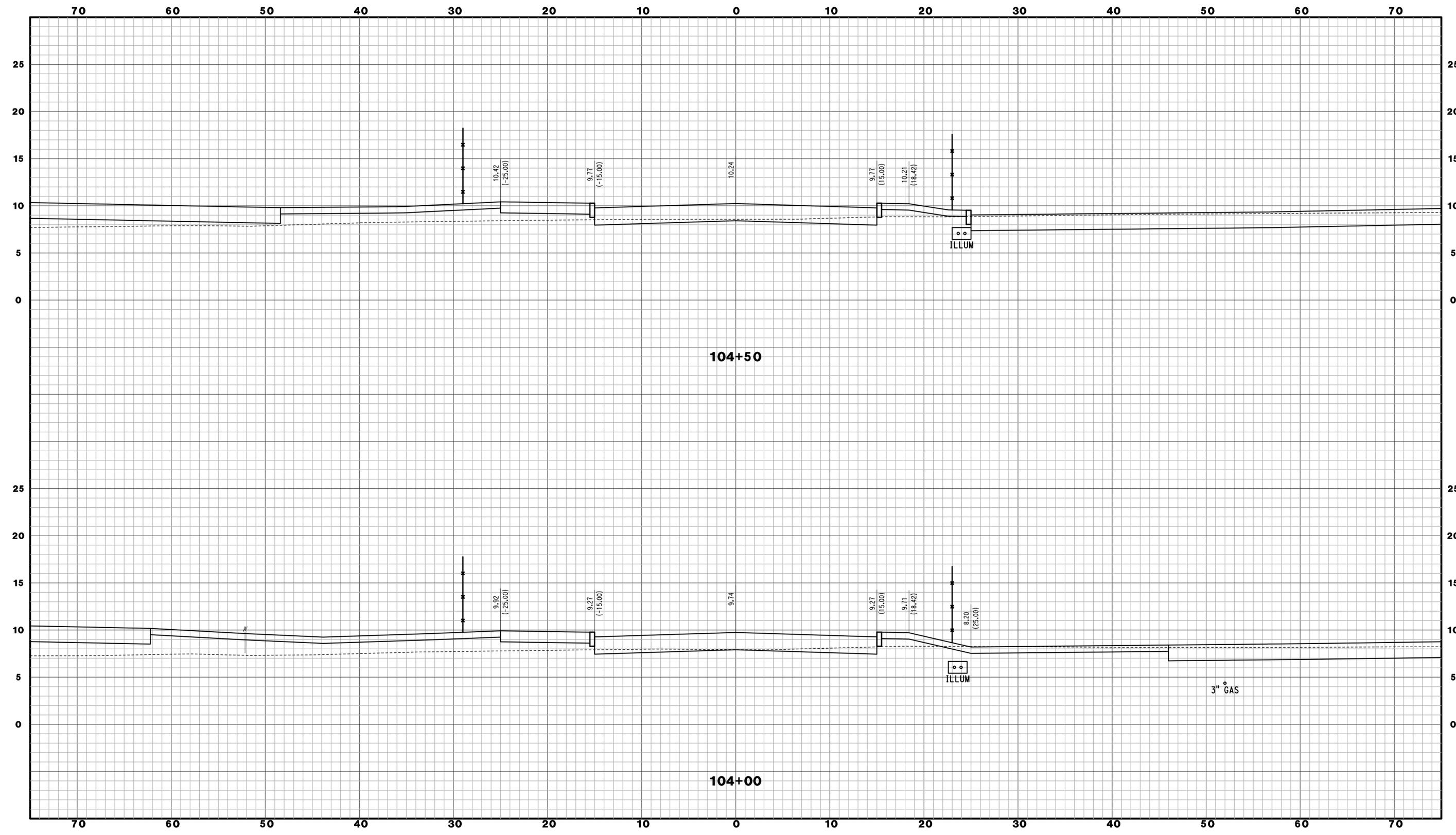
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PROJECT NO.
301-0124

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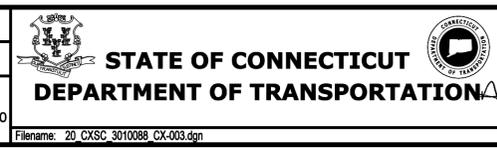
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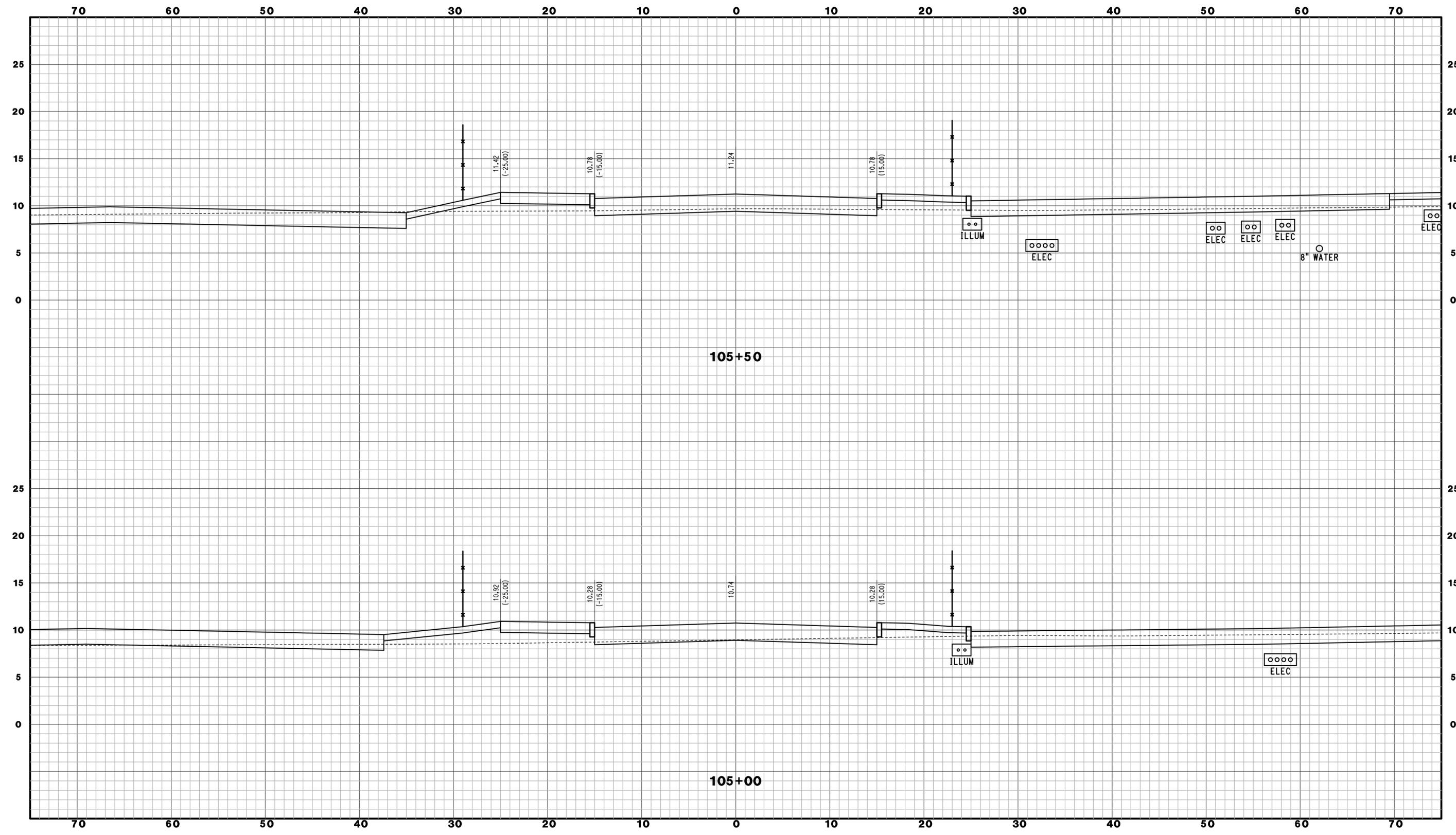
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GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**RELOCATED BREWERY ST
CROSS SECTIONS**

PROJECT NO.
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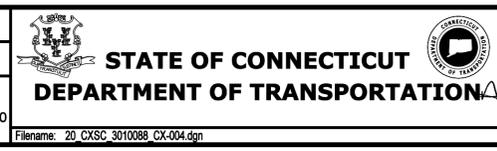
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SCALE 1" = 5'



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BLOOMFIELD, CT
PARSONS BRINCKERHOFF
GLASTONBURY, CT

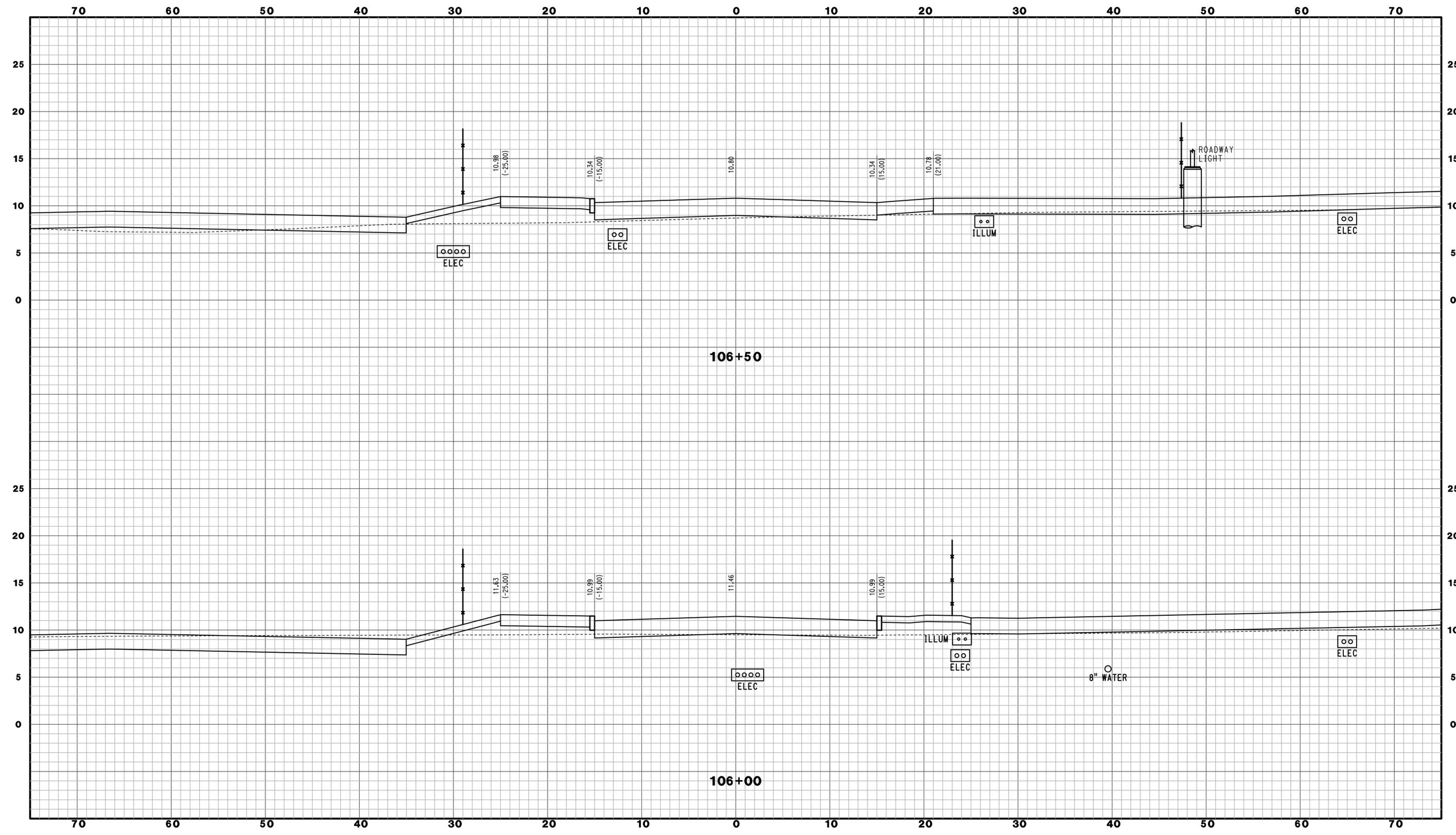
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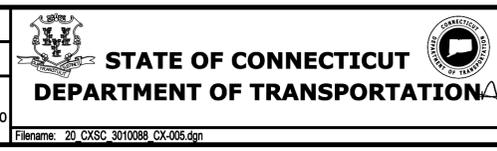
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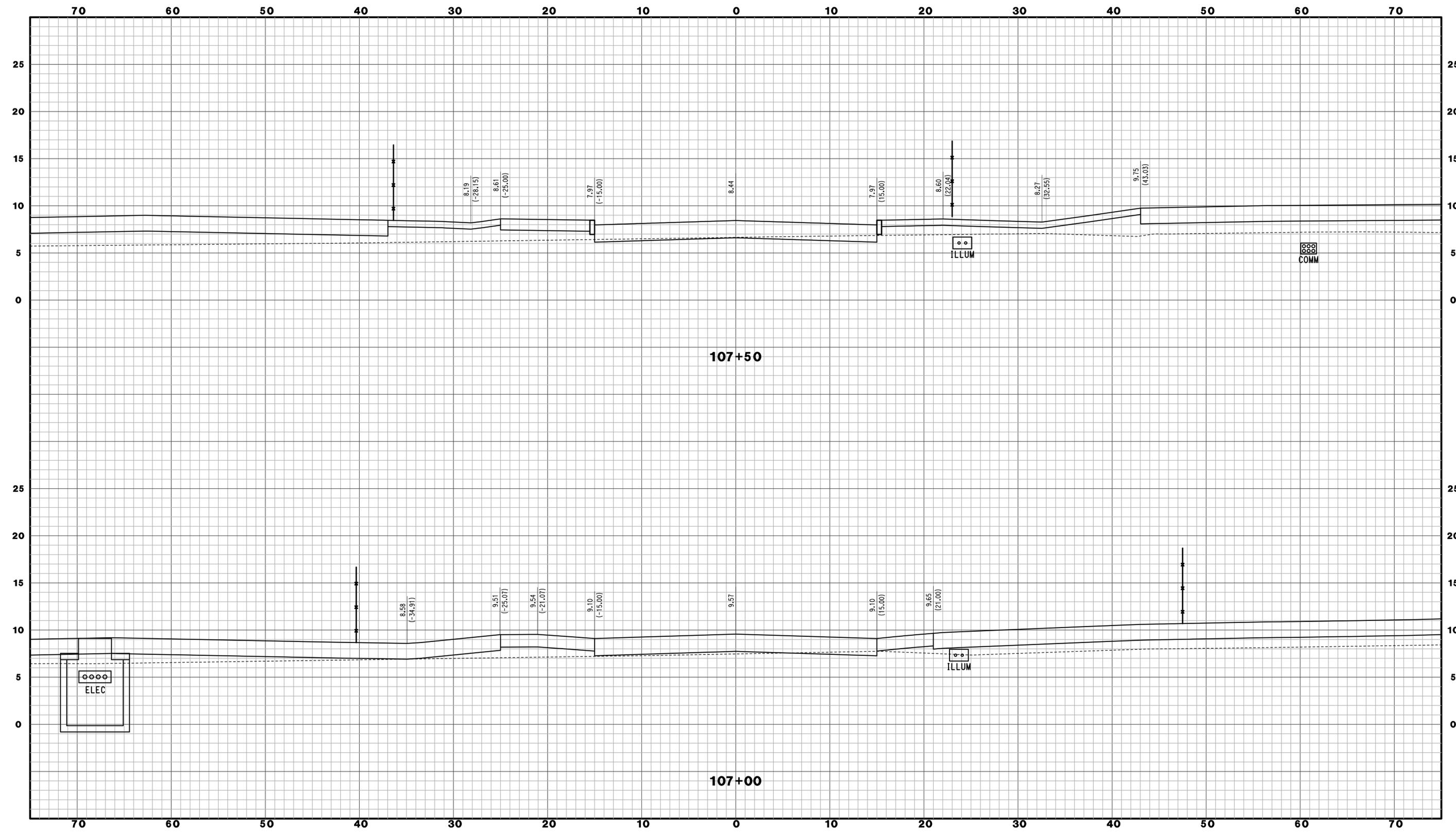
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GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
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PROJECT NO.
301-0124
DRAWING NO.
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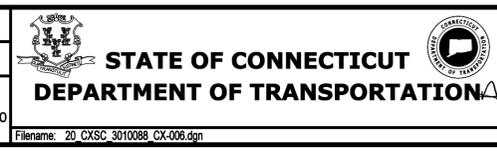
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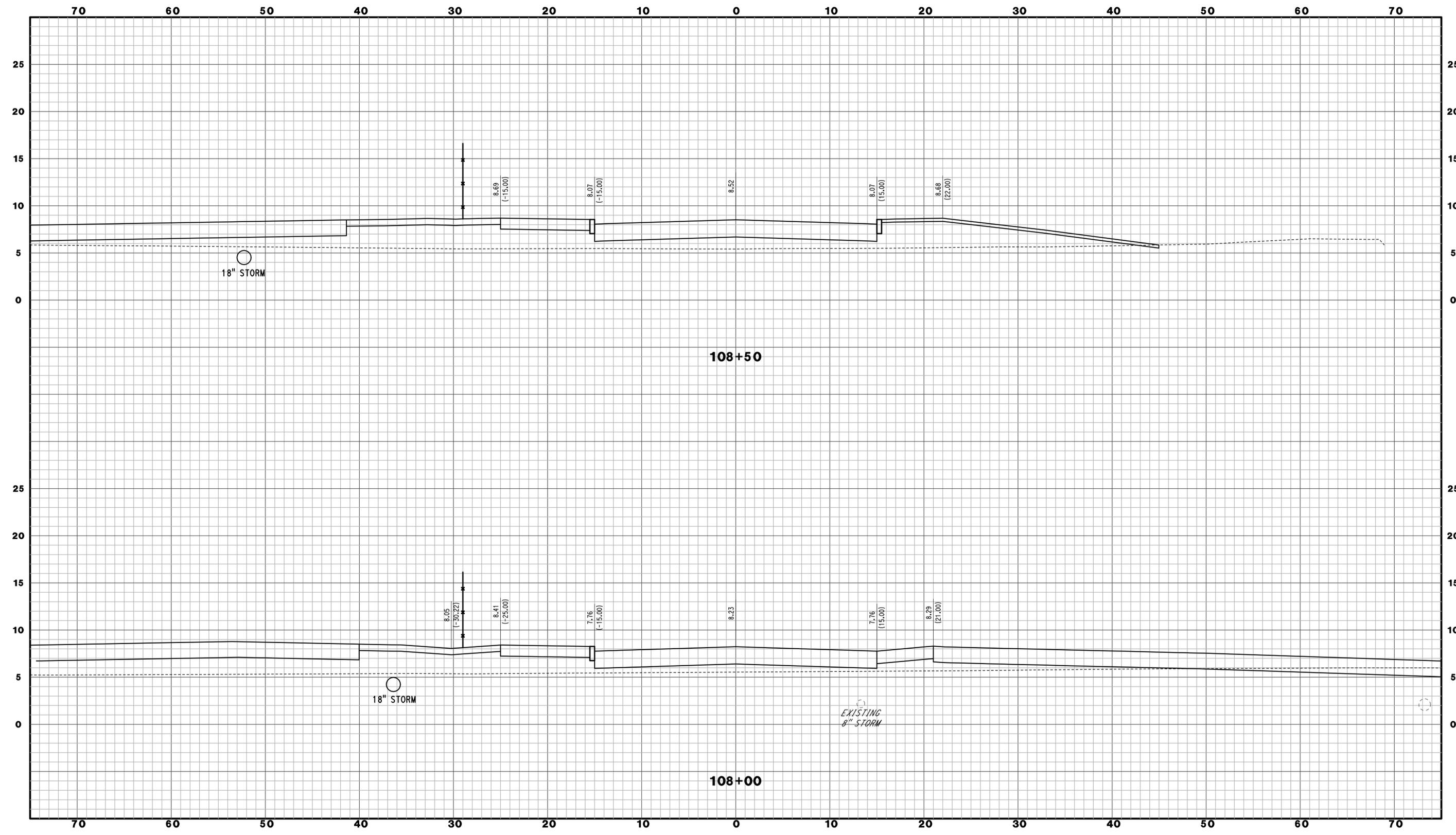
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PROJECT TITLE:
**NEW HAVEN RAIL YARD
 FACILITIES IMPROVEMENTS
 MAINTENANCE OF WAY BUILDING**

TOWN: **NEW HAVEN**
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PROJECT NO. **301-0124**
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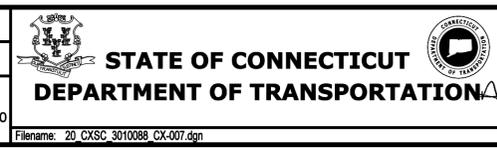
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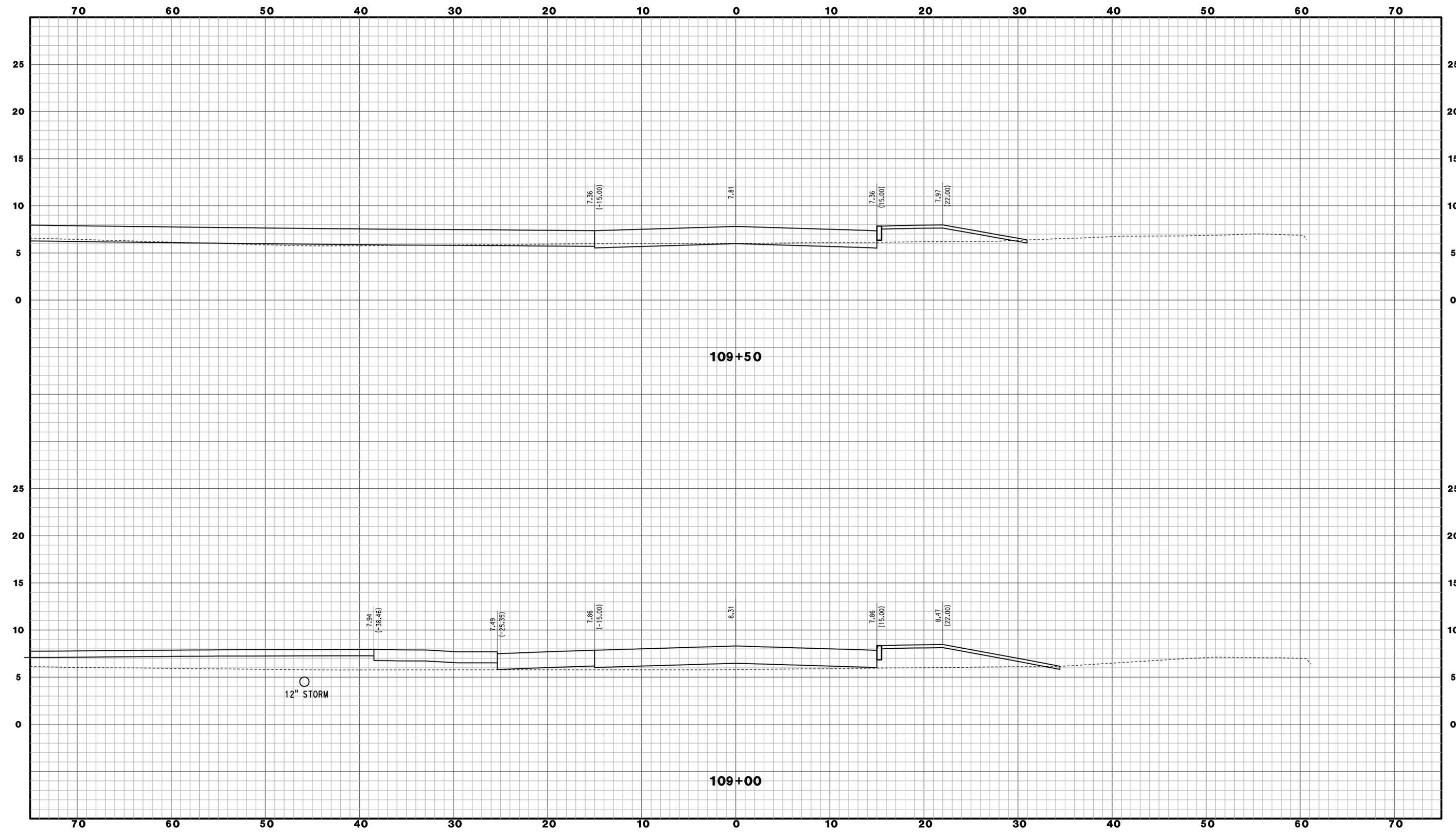
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PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**RELOCATED BREWERY ST
CROSS SECTIONS**

PROJECT NO.
301-0124
DRAWING NO.
CX-007
SHEET NO.
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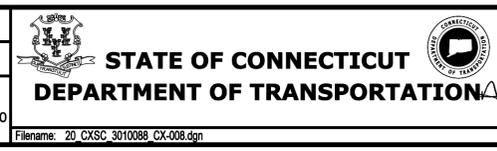
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BLOOMFIELD, CT

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GLASTONBURY, CT

PROFESSIONAL ENGINEER

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

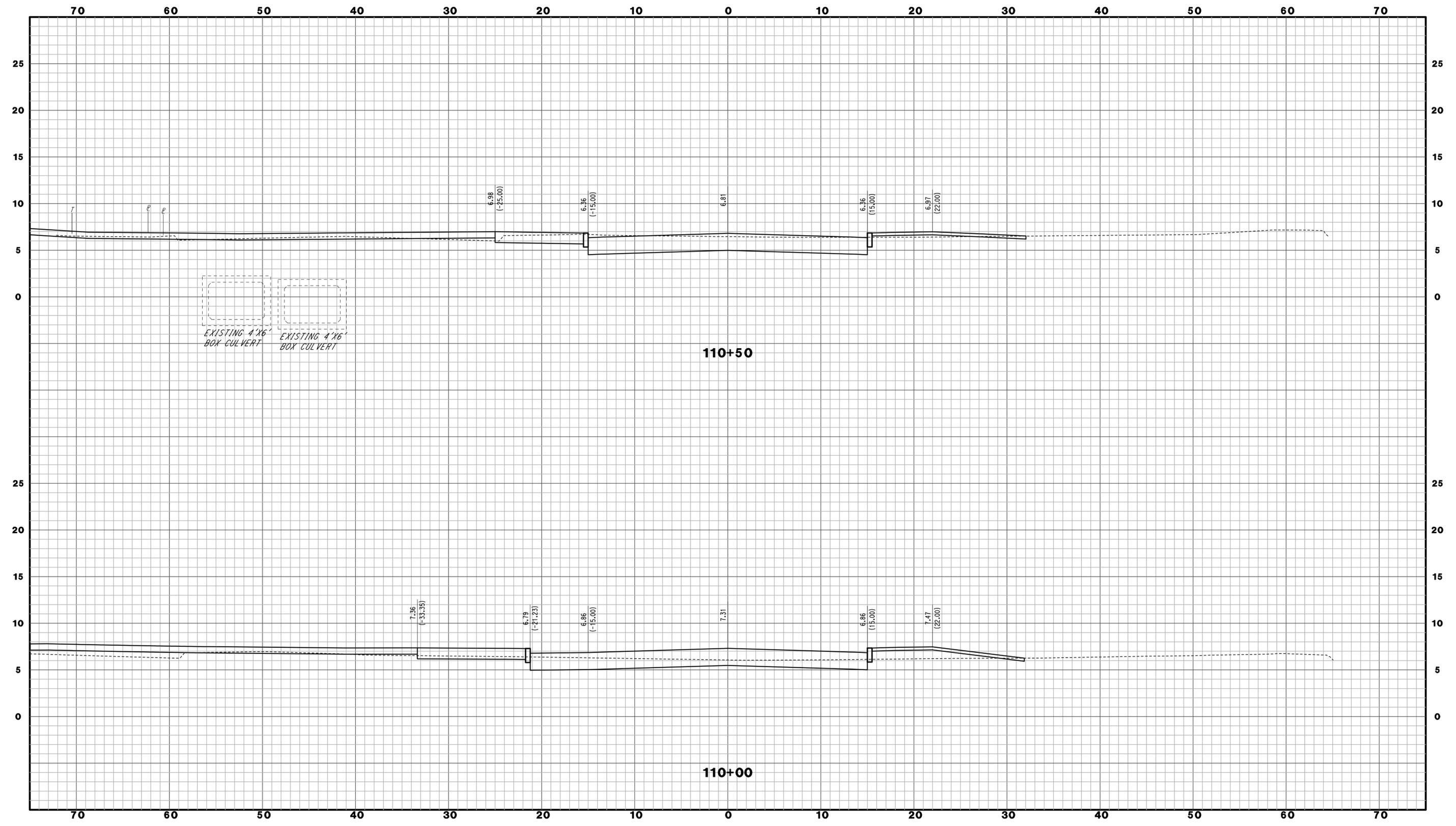
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PROJECT NO.
301-0124

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SCALE 1" = 5'



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BLOOMFIELD, CT
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

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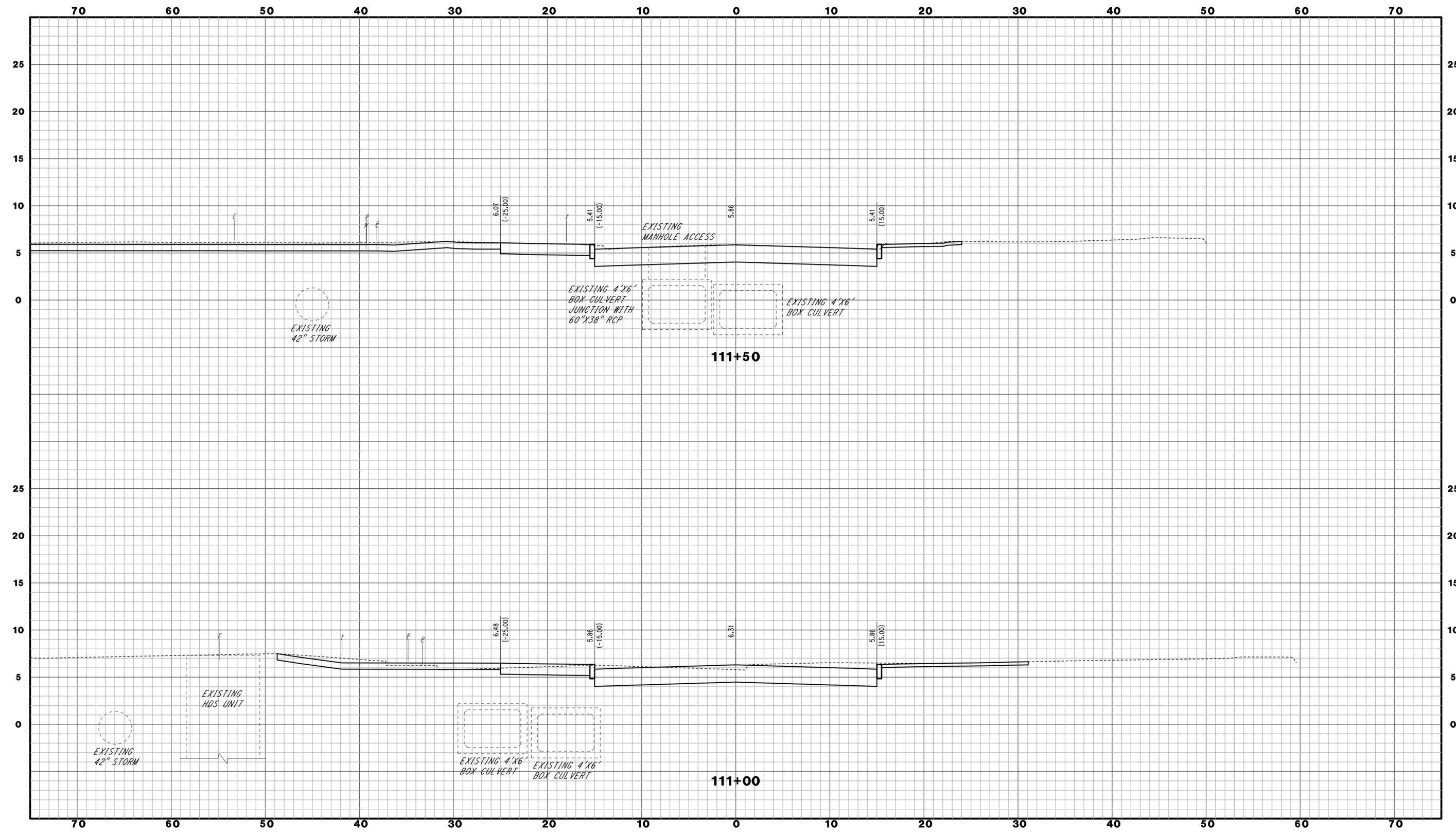
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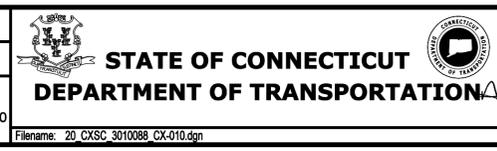
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SCALE IN FEET
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SCALE 1" = 5'



SIGNATURE
BLOOMFIELD, CT
STATE OF CONNECTICUT
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

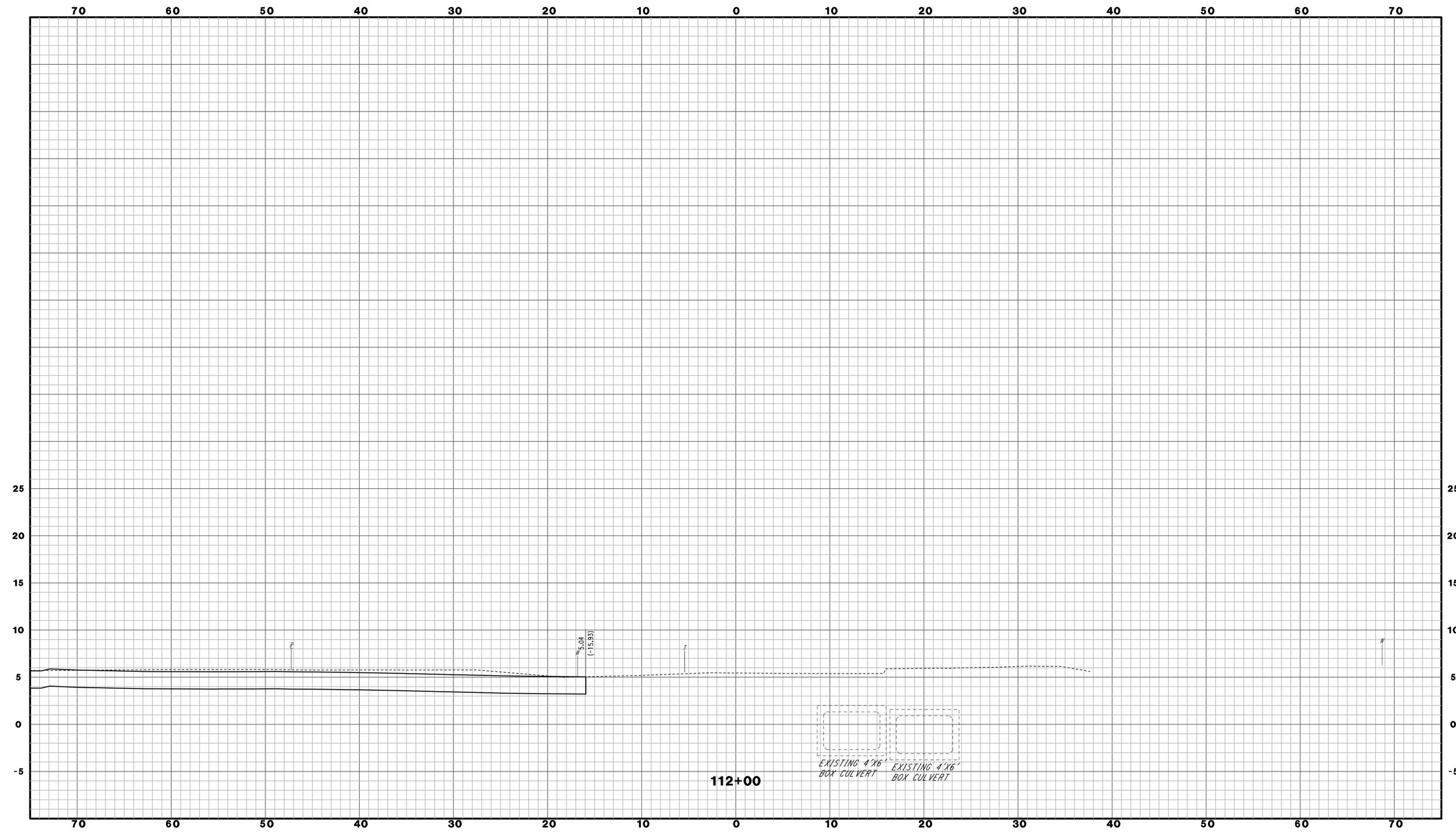
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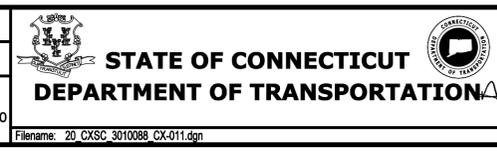
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BLOOMFIELD, CT

STATE OF CONNECTICUT
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
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MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

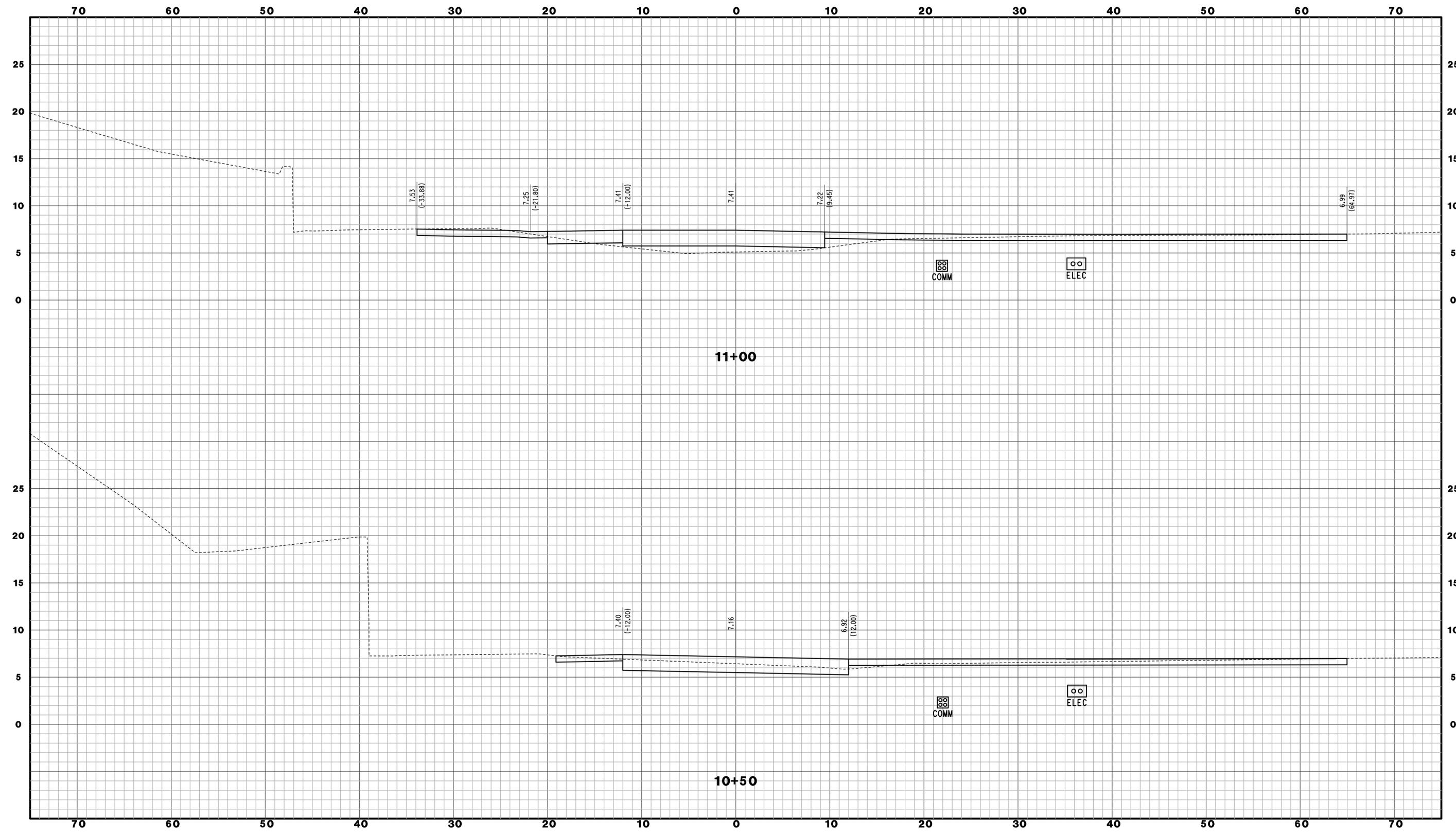
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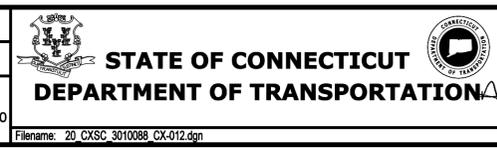
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BLOOMFIELD, CT
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GLASTONBURY, CT

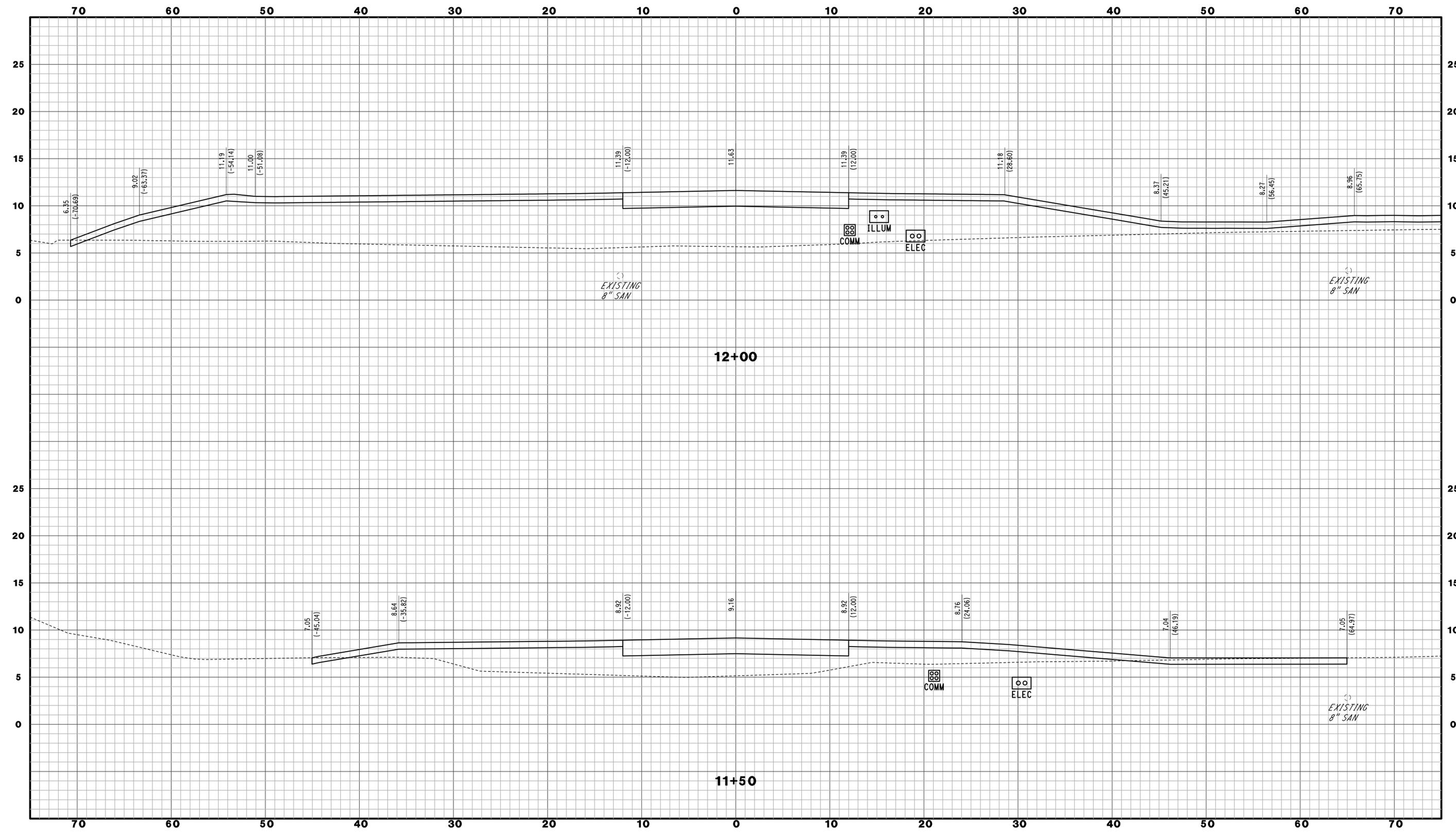
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NEW HAVEN
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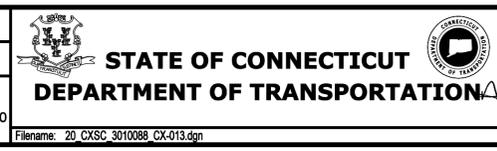
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WPD

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SCALE 1" = 5'



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BLOOMFIELD, CT
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GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

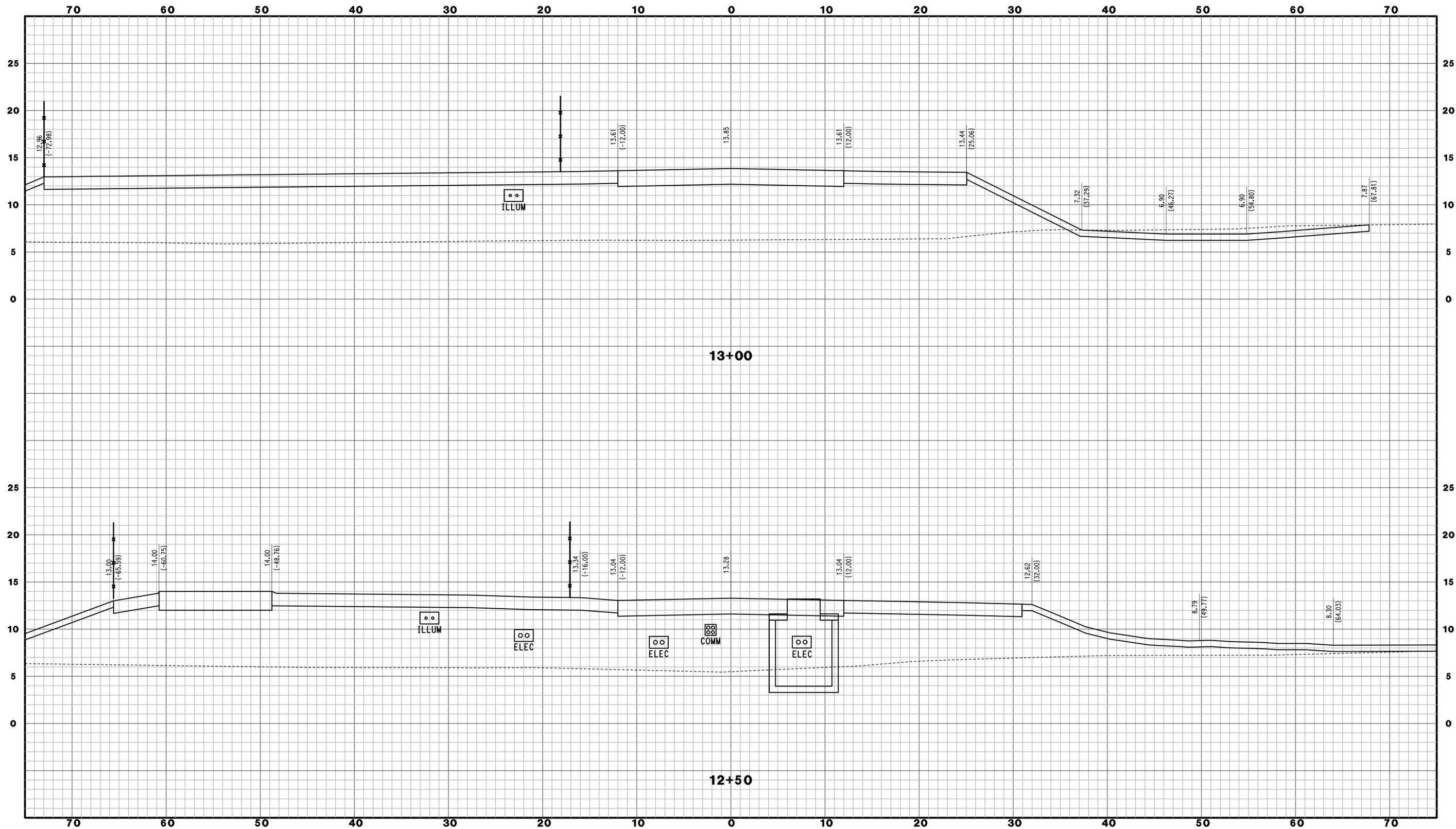
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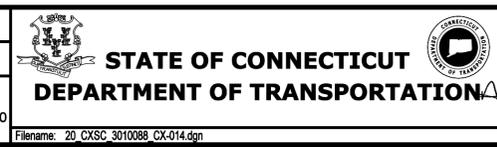
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REV	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/31/2015

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DESIGNER/DRAFTER:
JFK / JLD
CHECKED BY:
WPD
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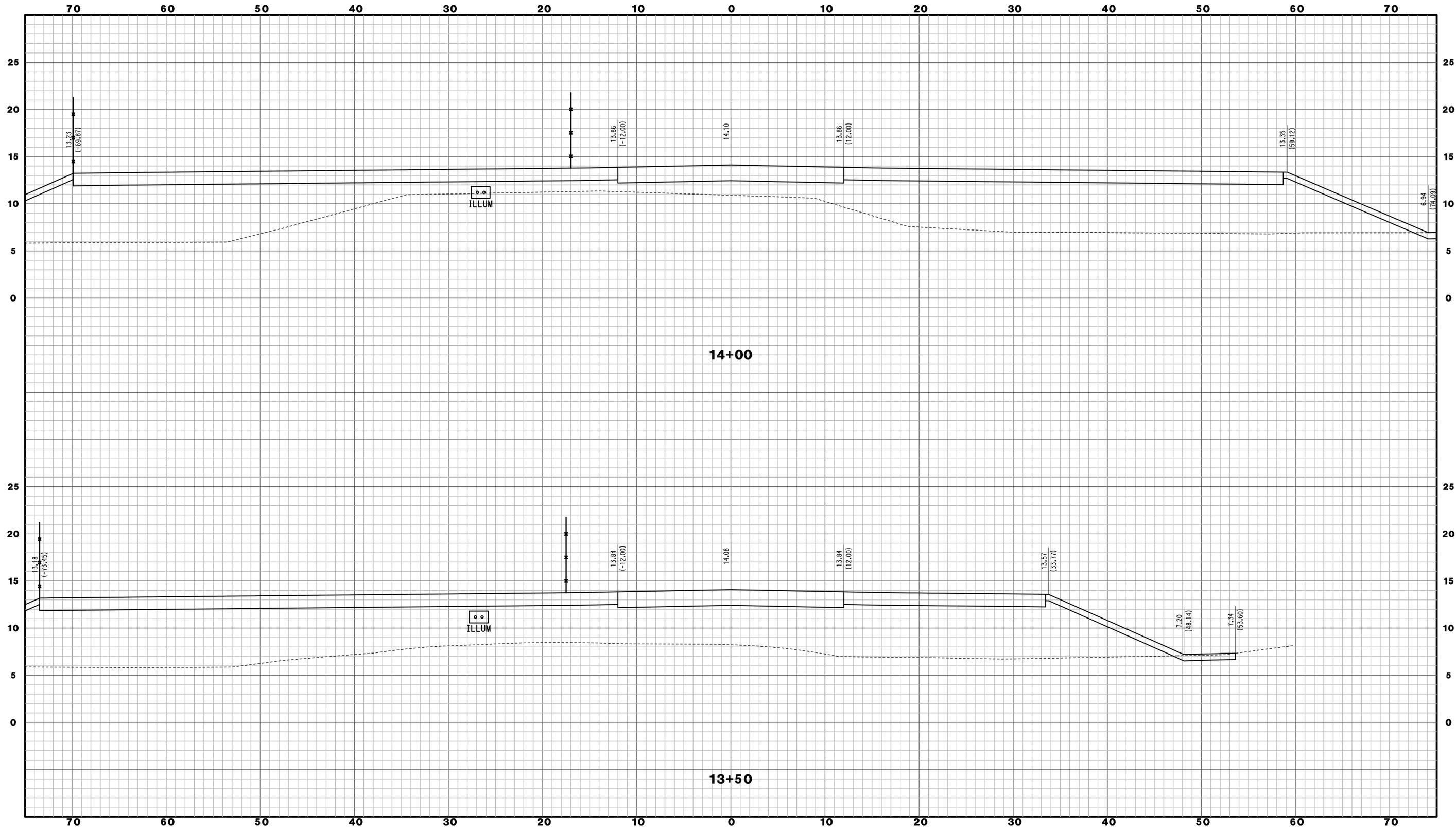
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PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**ACCESS ROAD 10
CROSS SECTIONS**

PROJECT NO.
301-0124
DRAWING NO.
CX-014
SHEET NO.
04.67

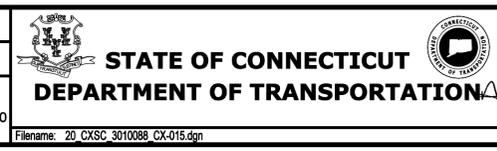
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/27/2015

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DESIGNER/DRAFTER:
JFK / JLD
CHECKED BY:
WPD
SCALE IN FEET
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SCALE 1" = 5'



SIGNATURE
BLOOMFIELD, CT
PARSONS BRINCKERHOFF
GLASTONBURY, CT

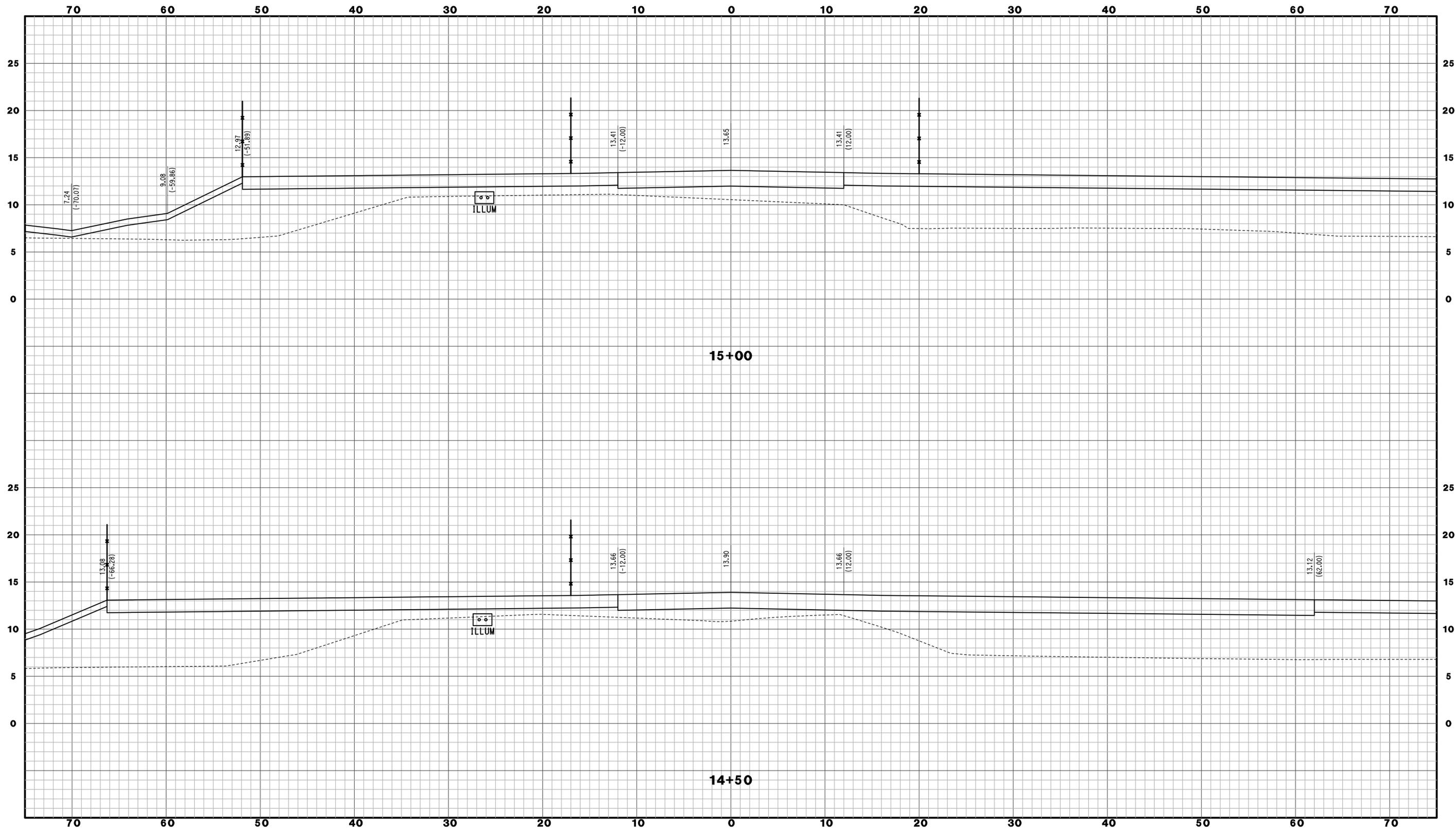
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**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN
DRAWING TITLE:
**ACCESS ROAD 10
CROSS SECTIONS**

PROJECT NO.
301-0124
DRAWING NO.
CX-015
SHEET NO.
04.68

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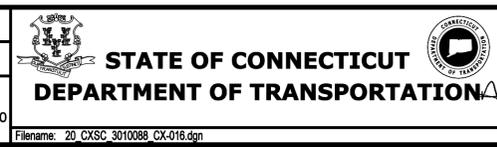
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DESIGNER/DRAFTER:
JFK / JLD

CHECKED BY:
WPD

SCALE IN FEET
0 5 10
SCALE 1" = 5'



SIGNATURE
BLOOMFIELD, CT
STATE OF CONNECTICUT
PROFESSIONAL ENGINEER
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
**NEW HAVEN RAIL YARD
FACILITIES IMPROVEMENTS
MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

DRAWING TITLE:
**ACCESS ROAD 10
CROSS SECTIONS**

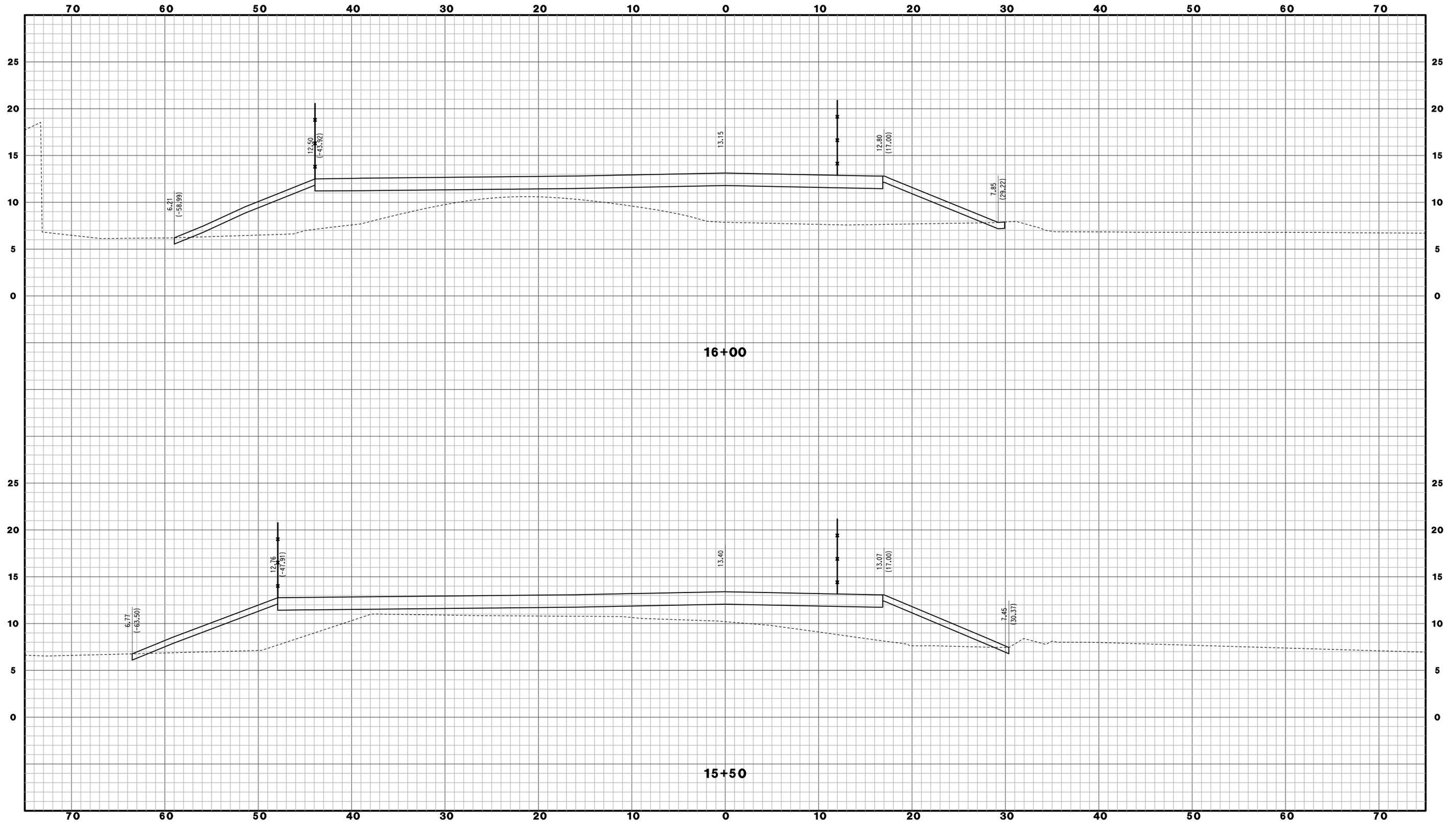
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301-0124

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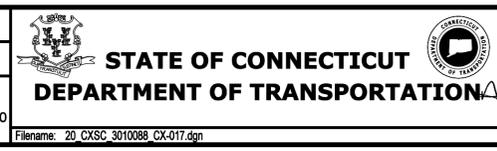
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Plotted Date: 3/27/2015

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0 5 10
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SIGNATURE
BLOOMFIELD, CT
PARSONS BRINCKERHOFF
GLASTONBURY, CT

PROJECT TITLE:
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MAINTENANCE OF WAY BUILDING**

TOWN:
NEW HAVEN

DRAWING TITLE:
**ACCESS ROAD 10
CROSS SECTIONS**

PROJECT NO.
301-0124

DRAWING NO.
CX-017

SHEET NO.
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