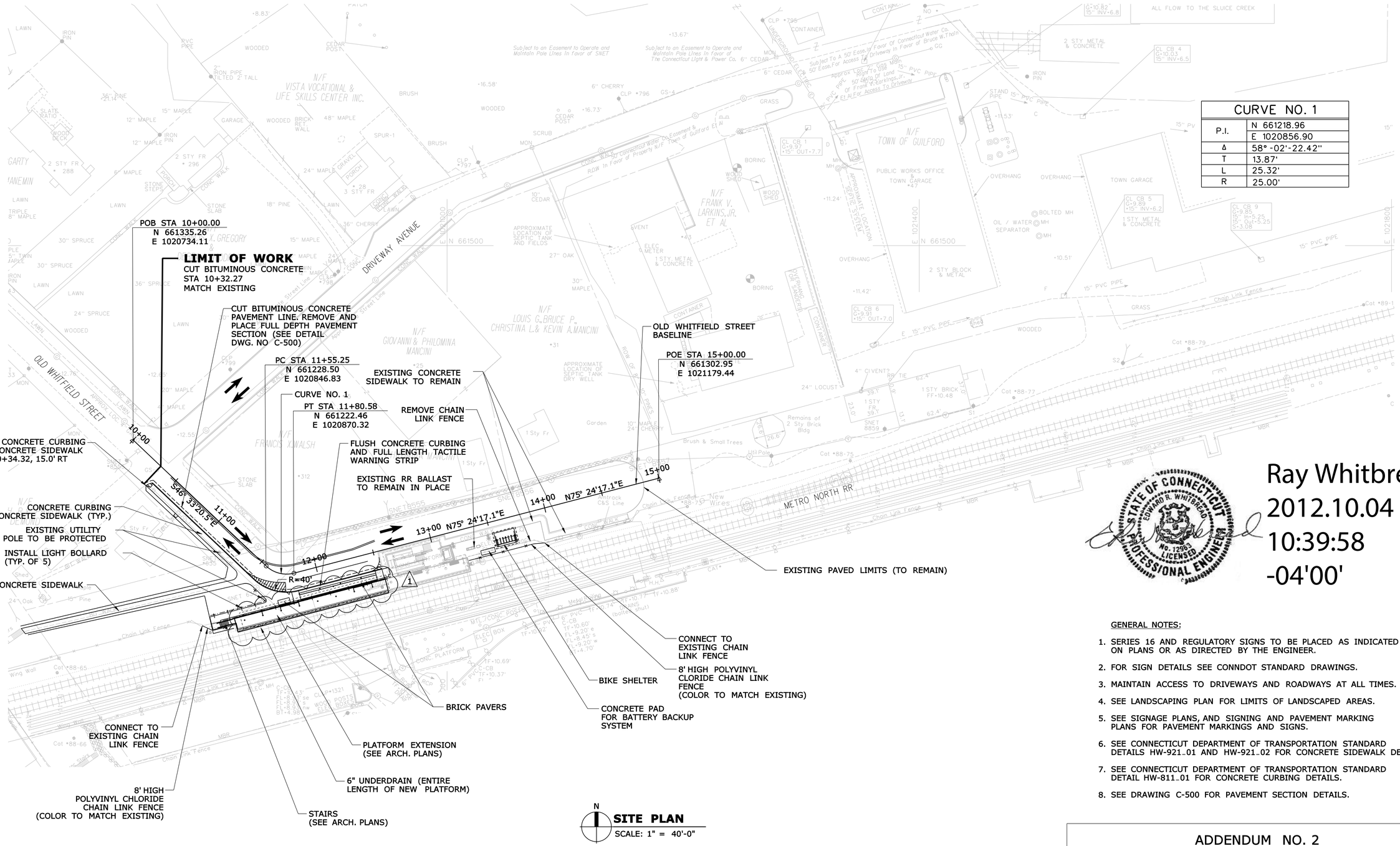

CURVE NO. 1	
P.I.	N 661218.96
	E 1020856.90
Δ	58° -02'-22.42"
T	13.87'
L	25.32'
R	25.00'

N

SITE PLAN

SCALE: 1" = 40'-0"

Ray Whitbread
2012.10.04
10:39:58
-04'00'

GENERAL NOTES:

1. SERIES 16 AND REGULATORY SIGNS TO BE PLACED AS INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. FOR SIGN DETAILS SEE CONNDOT STANDARD DRAWINGS.
3. MAINTAIN ACCESS TO DRIVEWAYS AND ROADWAYS AT ALL TIMES.
4. SEE LANDSCAPING PLAN FOR LIMITS OF LANDSCAPED AREAS.
5. SEE SIGNAGE PLANS, AND SIGNING AND PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS AND SIGNS.
6. SEE CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD DETAILS HW-921_01 AND HW-921_02 FOR CONCRETE SIDEWALK DETAILS.
7. SEE CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD DETAIL HW-811_01 FOR CONCRETE CURBING DETAILS.
8. SEE DRAWING C-500 FOR PAVEMENT SECTION DETAILS.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	9-28-12	PLATFORM CANOPY REVISED	02.03.004.A2

Filename: FD_MSH_CIV_0059_0057_C-102_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: PB
CHECKED BY: ALM
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE:
SHORE LINE EAST RAILROAD STATIONS

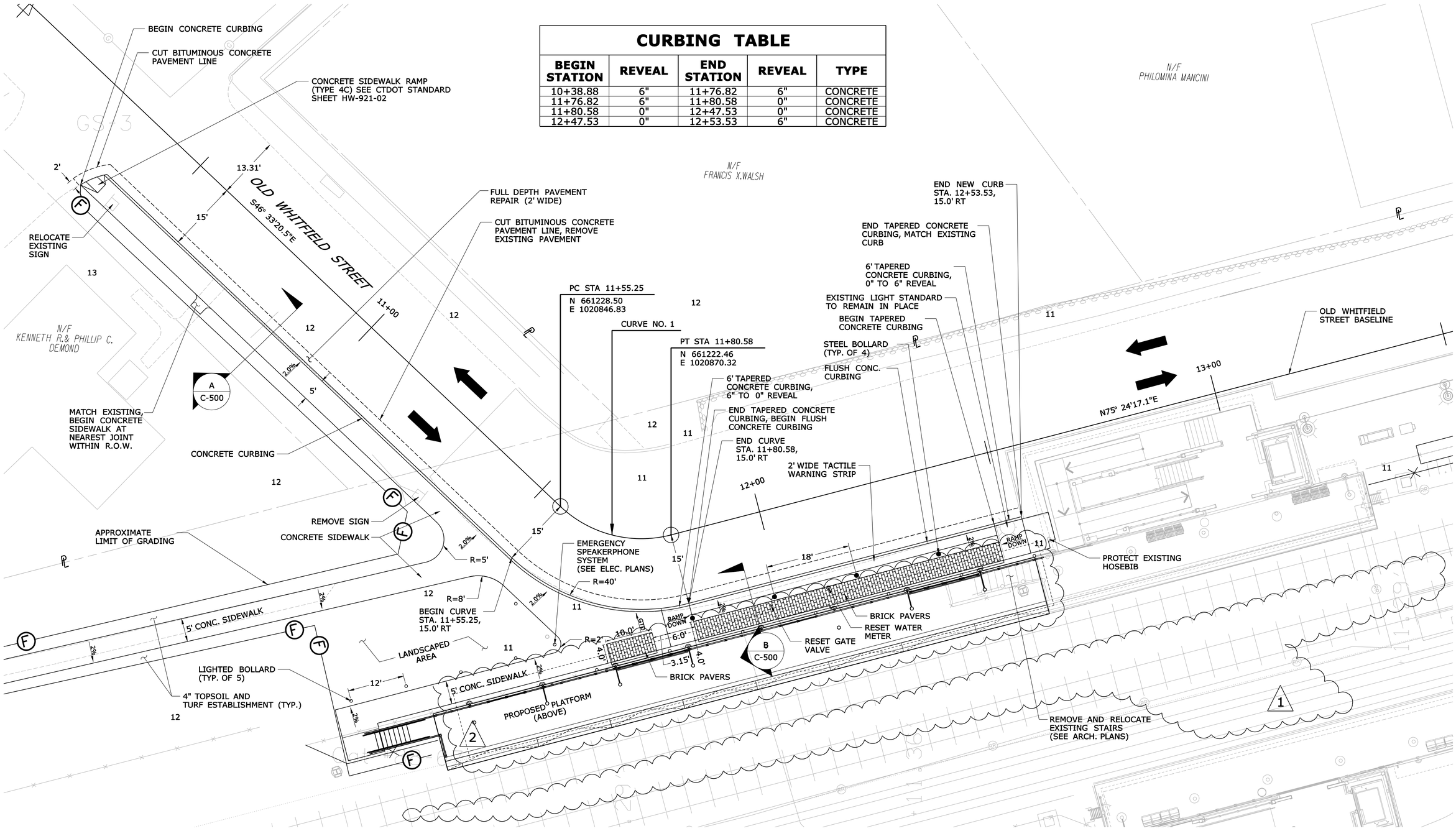
TOWN: **GUILFORD**

DRAWING TITLE: **SITE PLAN**

PROJECT NO. **310-0057**
DRAWING NO. **C-102**
SHEET NO. **02.03.004.A2**

CURBING TABLE

BEGIN STATION	REVEAL	END STATION	REVEAL	TYPE
10+38.88	6"	11+76.82	6"	CONCRETE
11+76.82	6"	11+80.58	0"	CONCRETE
11+80.58	0"	12+47.53	0"	CONCRETE
12+47.53	0"	12+53.53	6"	CONCRETE



N

CURBING LAYOUT PLAN

SCALE: 1" = 10'-0"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
2	9-28-12	PLATFORM CANOPY REVISED	02.03.006.A2
1	8-31-12	REMOVED REFERENCE TO PROTECTIVE FENCE BETWEEN TRACKS	02.03.006.A1

Filename: FD.MSH.CIV.0059.0057.C-105.A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: PB
CHECKED BY: ALM
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

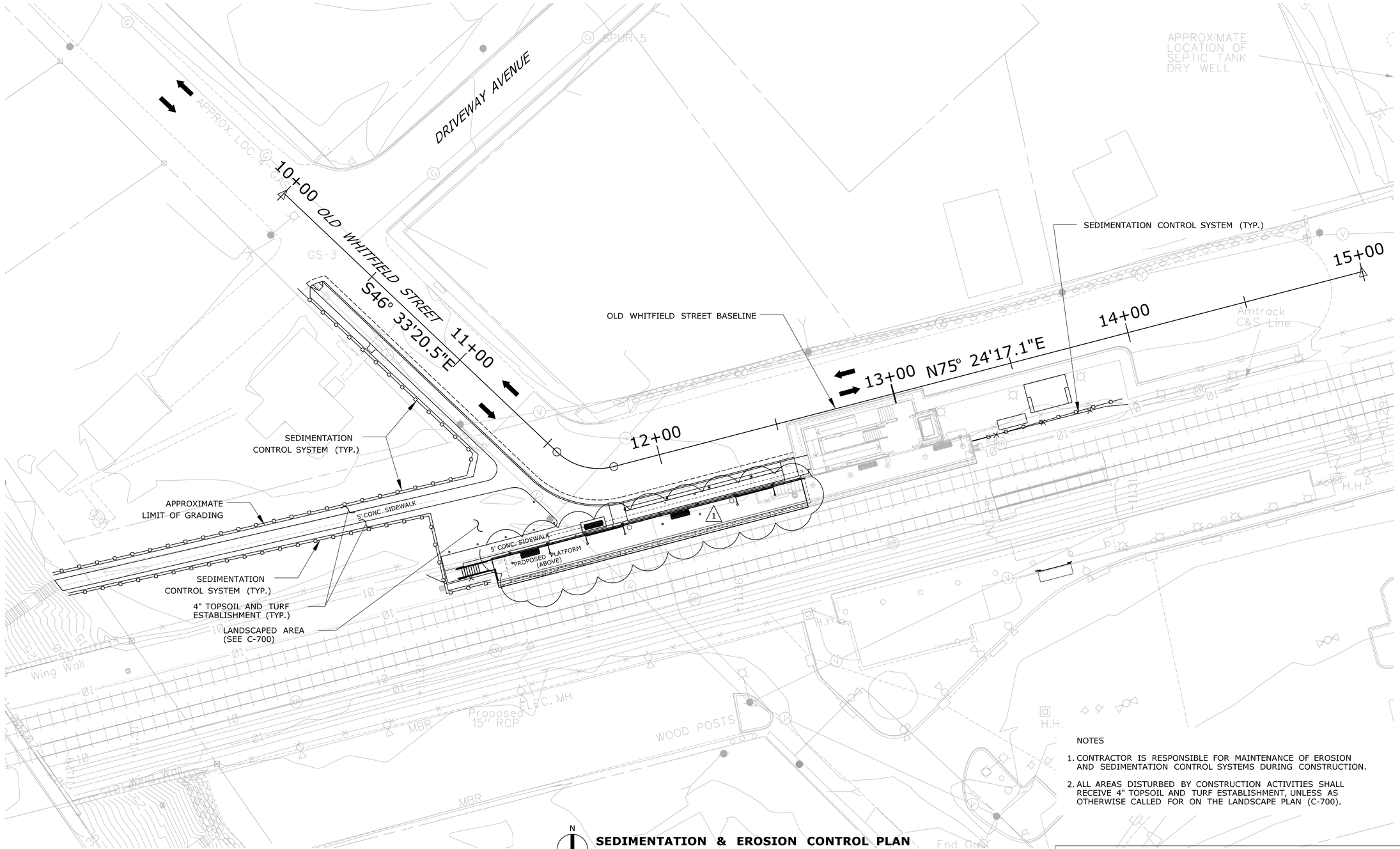
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE:
SHORE LINE EAST RAILROAD STATIONS

TOWN: **GUILFORD**

DRAWING TITLE: **ENLARGED SITE PLAN**

PROJECT NO. 310-0057
DRAWING NO. C-105
SHEET NO. 02.03.006.A2



NOTES

1. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL SYSTEMS DURING CONSTRUCTION.
2. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 4" TOPSOIL AND TURF ESTABLISHMENT, UNLESS AS OTHERWISE CALLED FOR ON THE LANDSCAPE PLAN (C-700).

N

SEDIMENTATION & EROSION CONTROL PLAN

SCALE: 1" = 20'-0"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	9-28-12	PLATFORM CANOPY REVISED	02.03.007.A2

Filename: FS_MSH_SED_0059_0057_C-106_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: PB

CHECKED BY: ALM

0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: BAKER ENGINEERING

APPROVED BY:

DATE: 04/13/2011

PROJECT TITLE:

SHORE LINE EAST RAILROAD STATIONS

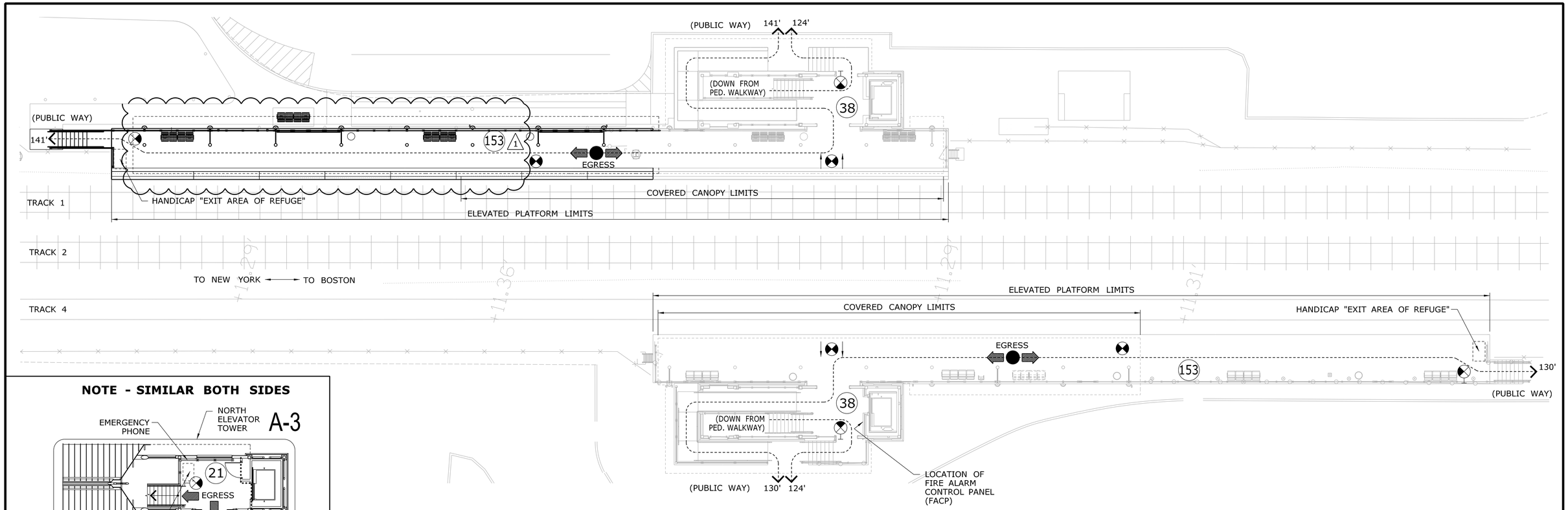
TOWN: **GUILFORD**

DRAWING TITLE: **SEDIMENTATION & EROSION CONTROL PLAN**

PROJECT NO. **310-0057**

DRAWING NO. **C-106**

SHEET NO. **02.03.007.A2**

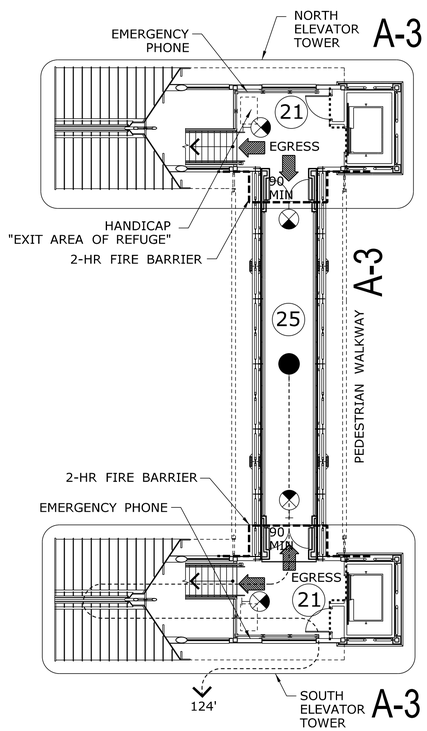


N

PLATFORM PLAN — A / A-002

SCALE: N.T.S.

NOTE - SIMILAR BOTH SIDES



N

BRIDGE PLAN — B / A-002

SCALE: N.T.S.

TRAIN STATION CODE ANALYSIS AND GENERAL REQUIREMENTS

BUILDING USE GROUP PER SECTION 303.1 : USE GROUP A-3 "WAITING AREAS IN PASSENGER TERMINALS"

CT STATE THRESHOLD LIMITS EXCEEDED : NO

CONSTRUCTION TYPE: IIB (PER TABLE 601) - EXTERIOR WALLS ARE OF NONCOMBUSTIBLE MATERIALS AND THE INTERIOR BUILDING ELEMENTS ARE OF ANY MATERIAL PERMITTED BY THE CODE.

STRUCTURAL FRAME: 0 HOURS
BEARING WALLS: 0 HOURS
NON-BEARING WALLS AND PARTITIONS: 0 HOURS
FLOORS: 0 HOURS
ROOFS: 0 HOURS

NORTH AND SOUTH TOWERS CONSIDERED TWO SEPARATE STRUCTURES (PER IBC 2003 SECTION 3104.2)

ALL LEVELS ABOVE GRADE

TABLE 503 - HEIGHT/AREA LIMITS

(ALLOWABLE) 2 STORIES, 55-FEET / 9,500 S.F.
(ACTUAL) 2 STORIES, 46'-6" / 1,256 S.F.

STAIR EGRESS WIDTH = 56"/.3 = 186 PERSONS PER STAIRWAY
(MEETS OCCUPANCY LOAD FOR SECOND FLOOR AREAS)

PLATFORM CODE ANALYSIS

COVERED CANOPY SECTIONS CONTRIBUTE TO BUILDING AREA (PER 503.1)
(ASSUMES FULL CANOPY COVERAGE)

PEDESTRIAN WALKWAY CONSTRUCTION

PEDESTRIAN WALKWAY = 361 GSF (DOES NOT CONTRIBUTE TO OVERALL SF PER 2003 IBC SECTION 3104.1)

PER 2003 IBC SECTION 3104.3, THE PEDESTRIAN WALKWAY SHALL BE OF NONCOMBUSTIBLE CONSTRUCTION.

FIRE BARRIERS BETWEEN PESEDTRIAN WALKWAYS AND BUILDINGS (PER IBC 2003 SECTION 3104.5)
(STAIR TOWERS CONSIDERED BUILDINGS)

WALKWAYS SHALL BE SEPARATED FROM THE INTERIOR OF THE BUILDING BY FIRE BARRIER WALLS WITH A FIRE-RESISTANCE RATING OF NOT LESS THAN 2 HOURS. THIS PROTECTION SHALL EXTEND VERTICALLY FROM A POINT 10 FEET ABOVE THE WALKWAY ROOF SURFACE OR THE CONNECTED BUILDING ROOF LINE, WHICHEVER IS LOWER, DOWN TO A POINT 10 FEET BELOW THE WALKWAY AND HORIZONTALLY 10 FEET FROM EACH SIDE OF THE PEDESTRIAN WALKWAY.
OPENINGS WITHIN THE 10-FOOT HORIZONTAL EXTENSION OF THE PROTECTED WALLS BEYOND THE WALKWAY SHALL BE EQUIPPED WITH DEVICES PROVIDING A 3/4-HOUR FIRE PROTECTION RATING IN ACCORDANCE WITH SECTION 715.

PEDESTRIAN WALKWAY EGRESS (PER IBC 2003 SECTION 3104.7)
ACCESS SHALL BE PROVIDED AT ALL TIMES TO A PEDESTRIAN WALKWAY THAT SERVES AS A REQUIRED EXIT.
(DOORS TO PEDESTRIAN WALKWAY SHALL NOT BE LOCKABLE)

PEDESTRIAN WALKWAY WIDTH (PER IBC 2003 SECTION 3104.8)
THE UNOBSTRUCTED WIDTH OF PEDESTRIAN WALKWAYS SHALL NOT BE LESS THAN 36 INCHES. THE TOTAL WIDTH SHALL NOT EXCEED 30 FEET.
(ACTUAL WIDTH AT NARROWEST POINT = 67¼")

PEDESTRIAN WALKWAY EXIT EGRESS TRAVEL (PER IBC 2003 SECTION 3104.9)
THE LENGTH OF EXIT ACCESS TRAVEL SHALL NOT EXCEED 200 FEET.
(ACTUAL = 124'-0" FROM CENTER OF PEDESTRIAN WALKWAY TO GRADE)

CODES

EXCEPT AS AMENDED, ALTERED OR DELETED BY THE CONNECTICUT SUPPLEMENT, THE CODES LISTED BELOW ARE ADOPTED BY REFERENCE AS THE 2005 STATE BUILDING CODE (WITH 2009 AMENDMENTS), AND APPLY TO THE CONSTRUCTION OF THIS FACILITY:

2003 INTERNATIONAL BUILDING CODE
2003 INTERNATIONAL RESIDENTIAL CODE
2003 INTERNATIONAL EXISTING BUILDING CODE
2003 INTERNATIONAL MECHANICAL CODE
2003 INTERNATIONAL PLUMBING CODE
2006 INTERNATIONAL ENERGY CONSERVATION CODE
2005 NATIONAL ELECTRICAL CODE NFPA 70-2005
ICC/ANSI A117.1-2003
2005 NFPA 70 NATIONAL ELECTRICAL CODE OF THE NFPA
ASME A17.1, SAFETY CODE FOR ELEVATORS AND ESCALATORS
(REFER TO CONTRACT SPECIFICATIONS, STRUCTURAL AND ELECTRICAL PLANS FOR OTHER REFERENCES AND CODES WHICH MAY APPLY)

OCCUPANCY

OCCUPANCY (BASED ON IBC 2003 TABLE 1004.1.2, 15 GSF PER OCCUPANT - SIMILAR TO AIRPORT WAITNG AREAS)

PEDESTRIAN WALKWAY (361 GSF) = 25 OCCUPANTS
NORTH TOWER, 1ST FLOOR (771 GSF) = 52 OCCUPANTS
NORTH TOWER, 2ND FLOOR (303 GSF) = 21 OCCUPANTS
SOUTH TOWER, 1ST FLOOR (556 GSF) = 38 OCCUPANTS
SOUTH TOWER, SECOND FLOOR (303 GSF) = 21 OCCUPANTS
NORTH PLATFORM (2284 GSF) = 153 OCCUPANTS
SOUTH PLATFORM (2284 GSF) = 153 OCCUPANTS

=463 TOTAL OCCUPANTS

LEGEND

·····	ONE-HOUR RATED PARTITION
– – – – –	TWO-HOUR FIRE BARRIER
45 MIN	DOOR FIRE PROTECTION RATING
	DIRECTIONAL ILLUMINATED EXIT SIGN
	ILLUMINATED EXIT SIGN
25	NUMBER OF OCCUPANTS IN SPACE
B	OCCUPANCY CLASSIFICATION
XX →	EGRESS TRAVEL DISTANCE

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.011.A2

Filename: FD_MSH_ARC_0059_0057_A-002_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: D. TUDRYN / R. WRIGHT
CHECKED BY: D. TUDRYN
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

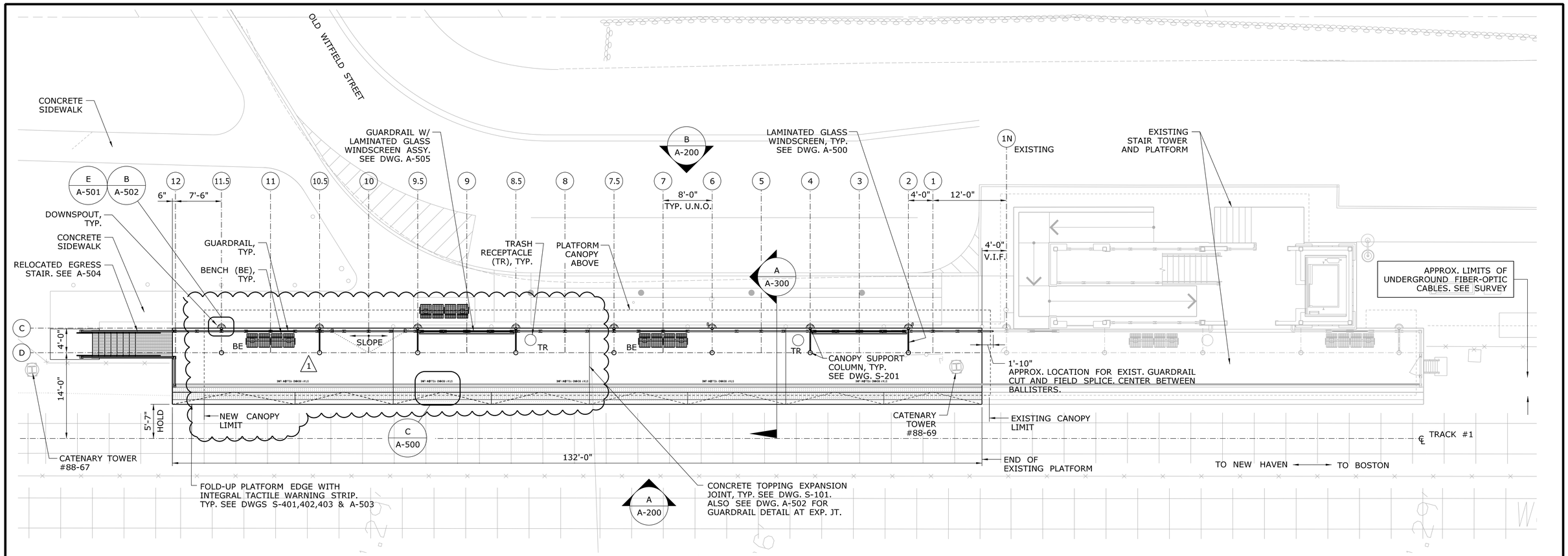
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE: SHORE LINE EAST RAILROAD STATIONS

TOWN: GUILFORD

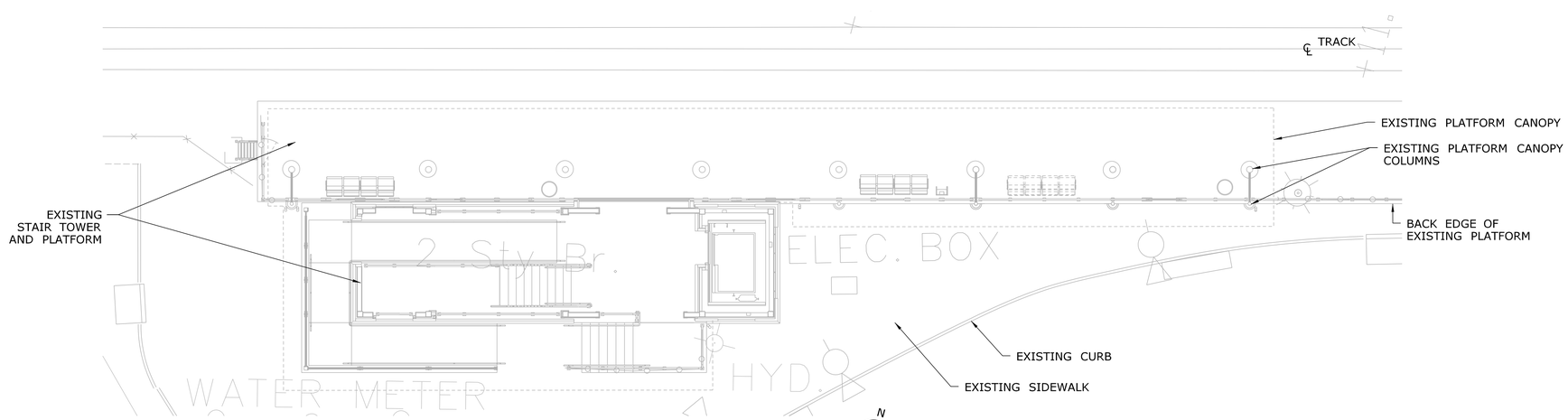
DRAWING TITLE: CODE COMPLIANCE

PROJECT NO. 310-0057
DRAWING NO. A-002
SHEET NO. 02.03.011.A2



NORTH PLATFORM PLAN

SCALE: 1/8"=1'-0"



PARTIAL SOUTH PLATFORM PLAN

SCALE: 1/8"=1'-0"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.012.A2

Filename: FD_MSH_ARC_0059_0057_A-100_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: D. TUDRYN / R. WRIGHT
CHECKED BY: D. TUDRYN
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

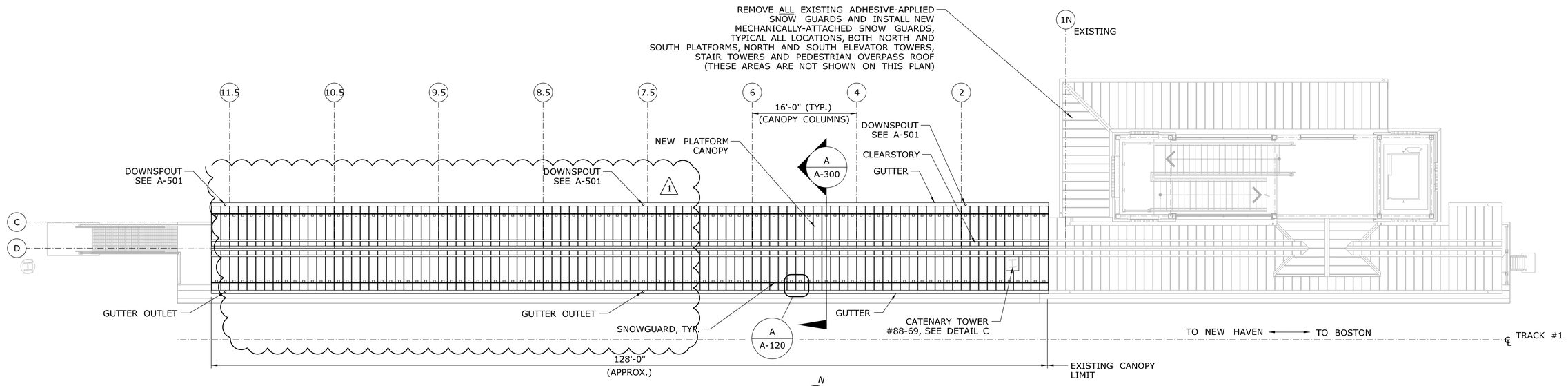
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE:
SHORE LINE EAST RAILROAD STATIONS

TOWN: **GUILFORD**

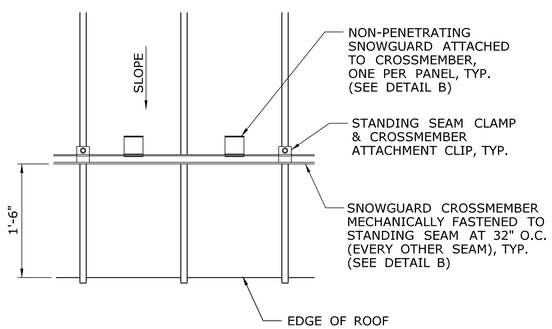
DRAWING TITLE: **PLATFORM PLAN**

PROJECT NO. **310-0057**
DRAWING NO. **A-100**
SHEET NO. **02.03.012.A2**



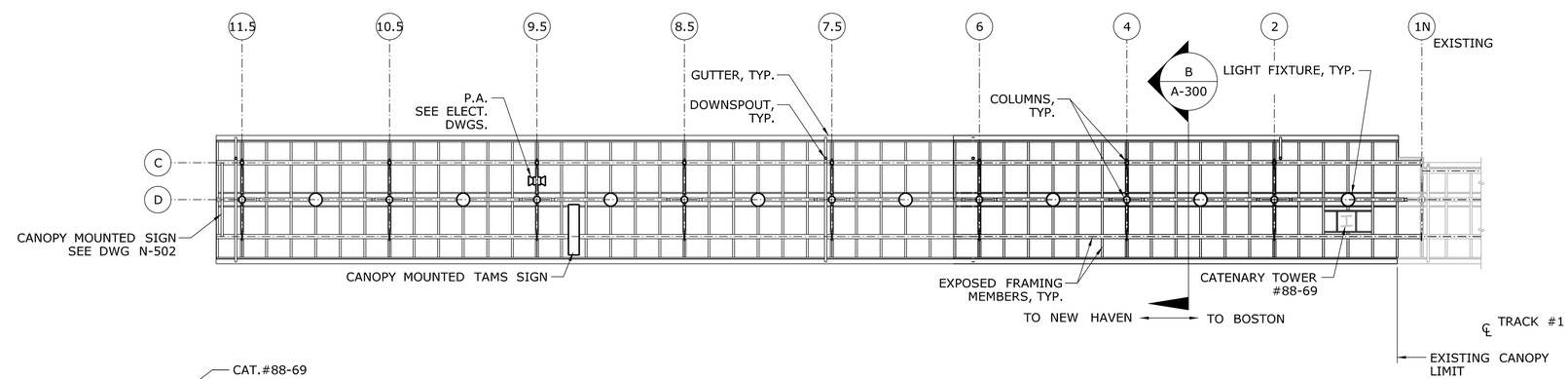
ROOF PLAN

SCALE: 1/8"=1'-0"



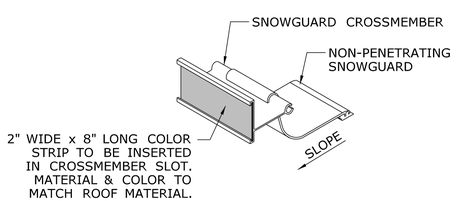
DETAIL A / A-120

SCALE: 1"=1'-0"



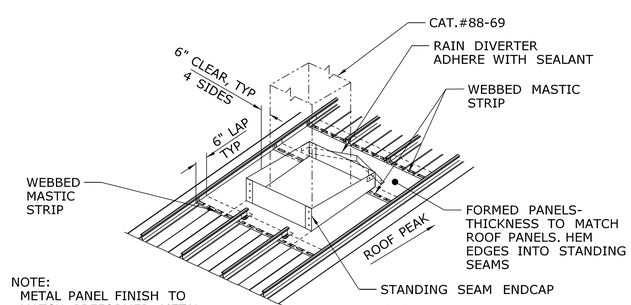
PLATFORM CANOPY REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0"



DETAIL B / A-120

SCALE: N.T.S.



NOTE:
METAL PANEL FINISH TO MATCH PREFORMED METAL ROOF COLOR, TYP.

DETAIL C / A-120

SCALE: N.T.S.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.013.A2

Filename: FD_MSH_ARC_0059_0057_A-120_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: D. TUDRYN / R. WRIGHT
CHECKED BY: D. TUDRYN

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

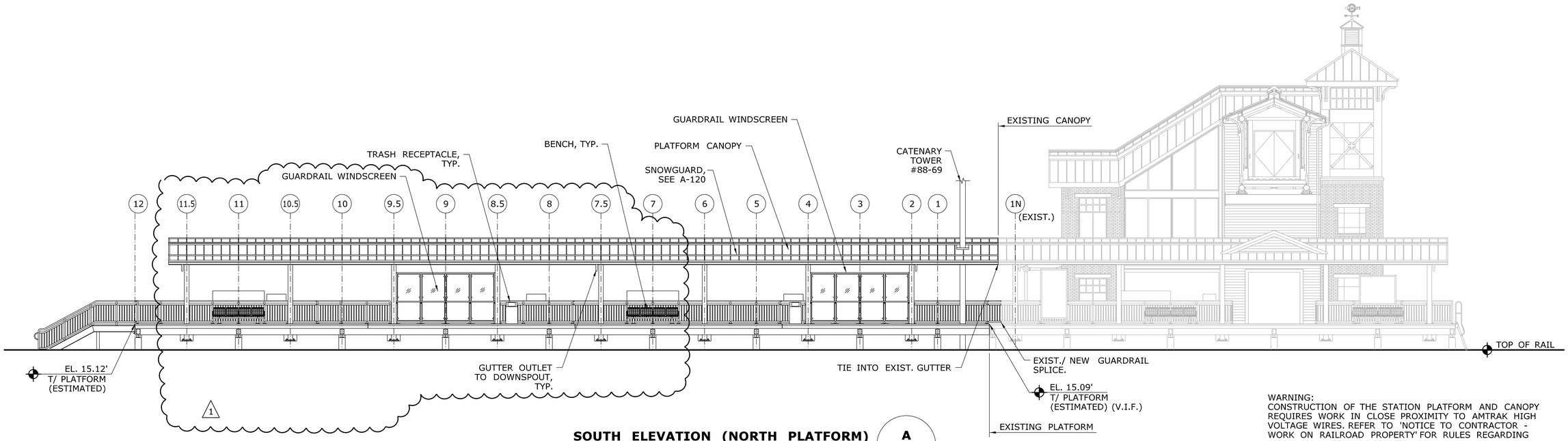
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE: SHORE LINE EAST RAILROAD STATIONS

TOWN: GUILFORD

DRAWING TITLE: ROOF PLAN

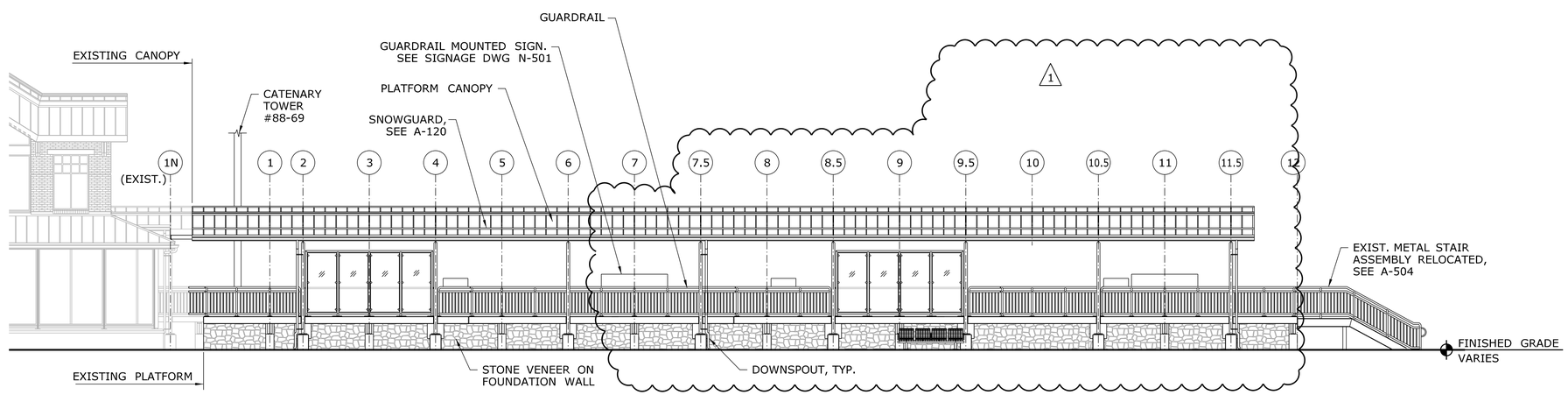
PROJECT NO. 310-0057
DRAWING NO. A-120
SHEET NO. 02.03.013.A2



SOUTH ELEVATION (NORTH PLATFORM) — A / A-100

SCALE: 1/8"=1'-0"

WARNING:
CONSTRUCTION OF THE STATION PLATFORM AND CANOPY REQUIRES WORK IN CLOSE PROXIMITY TO AMTRAK HIGH VOLTAGE WIRES. REFER TO 'NOTICE TO CONTRACTOR - WORK ON RAILROAD PROPERTY' FOR RULES REGARDING WORK ON AMTRAK PROPERTY.



NORTH ELEVATION (NORTH PLATFORM) — B / A-100

SCALE: 1/8"=1'-0"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY.	02.03.014.A2

Filename: FD_MSH_ARC_0059_0057_A-200_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: D. TUDRYN / R. WRIGHT
CHECKED BY: D. TUDRYN
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

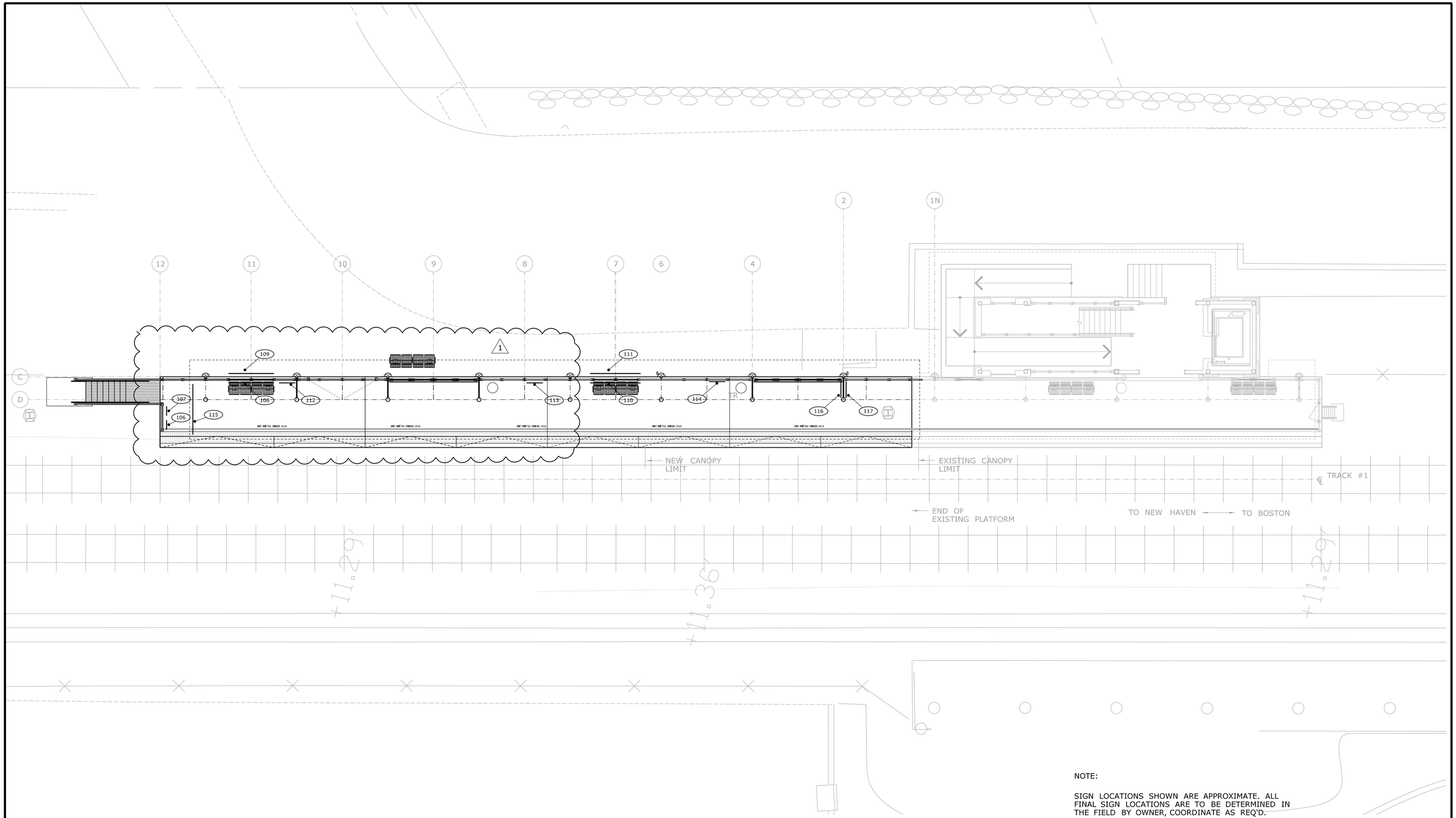
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE: SHORE LINE EAST RAILROAD STATIONS

TOWN: GUILFORD

DRAWING TITLE: ELEVATIONS

PROJECT NO. 310-0057
DRAWING NO. A-200
SHEET NO. 02.03.014.A2



NOTE:

SIGN LOCATIONS SHOWN ARE APPROXIMATE. ALL FINAL SIGN LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY OWNER, COORDINATE AS REQ'D.

N

PLATFORM SIGN LOCATION PLAN

SCALE: 1/8" =1'-0"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.024.A2

Filename: FD_MSH_SGN_0059_0057_N-102_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: MAR / PB

CHECKED BY: -

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: BAKER ENGINEERING

APPROVED BY:

DATE: 04/13/2011

PROJECT TITLE:

SHORE LINE EAST RAILROAD STATIONS

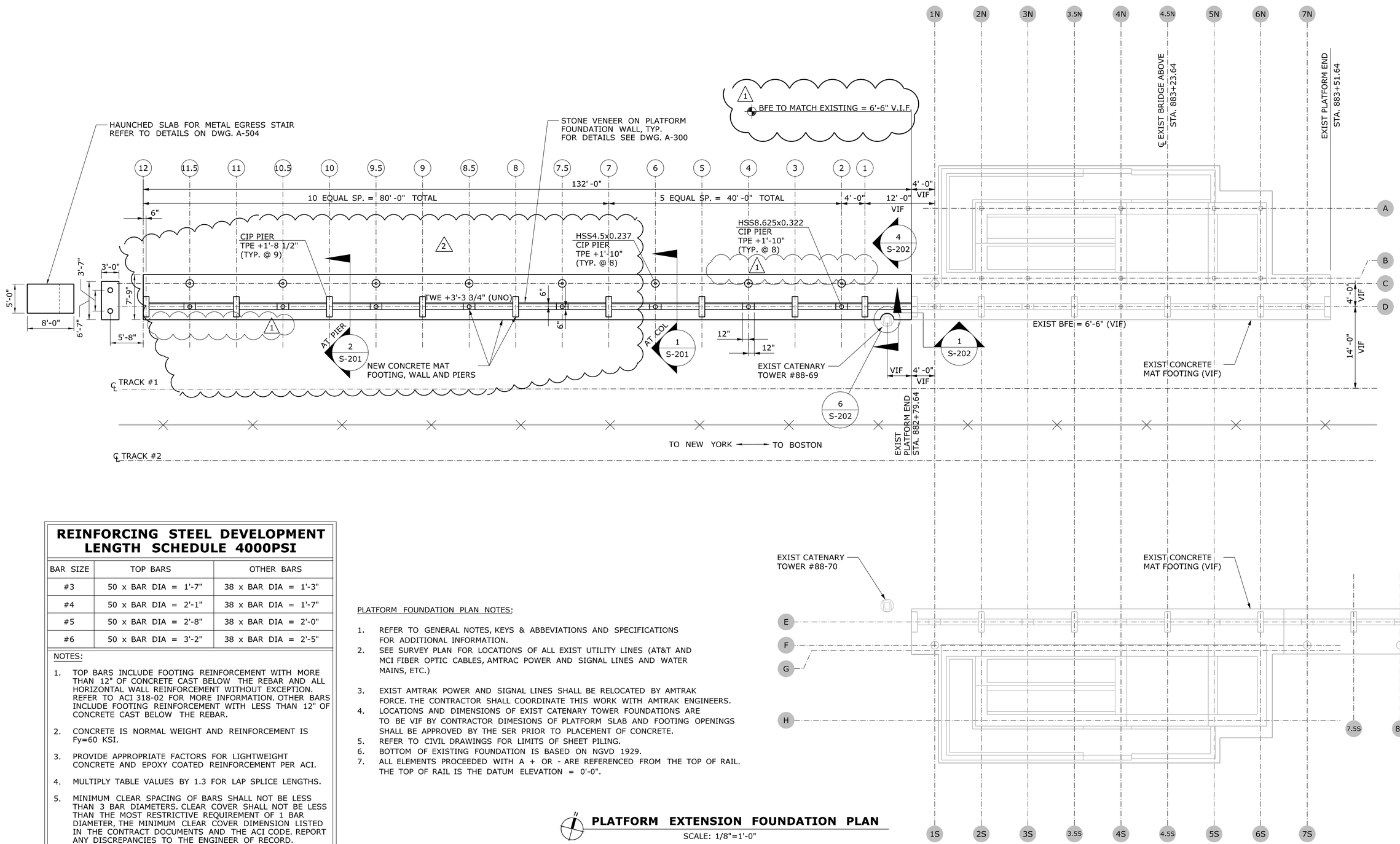
TOWN: **GUILFORD**

DRAWING TITLE: **PLATFORM SIGN LOCATION PLAN**

PROJECT NO. **310-0057**

DRAWING NO. **N-102**

SHEET NO. **02.03.024.A2**



REINFORCING STEEL DEVELOPMENT LENGTH SCHEDULE 4000PSI

BAR SIZE	TOP BARS	OTHER BARS
#3	50 x BAR DIA = 1'-7"	38 x BAR DIA = 1'-3"
#4	50 x BAR DIA = 2'-1"	38 x BAR DIA = 1'-7"
#5	50 x BAR DIA = 2'-8"	38 x BAR DIA = 2'-0"
#6	50 x BAR DIA = 3'-2"	38 x BAR DIA = 2'-5"

NOTES:

1. TOP BARS INCLUDE FOOTING REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REBAR AND ALL HORIZONTAL WALL REINFORCEMENT WITHOUT EXCEPTION. REFER TO ACI 318-02 FOR MORE INFORMATION. OTHER BARS INCLUDE FOOTING REINFORCEMENT WITH LESS THAN 12" OF CONCRETE CAST BELOW THE REBAR.
2. CONCRETE IS NORMAL WEIGHT AND REINFORCEMENT IS Fy=60 KSI.
3. PROVIDE APPROPRIATE FACTORS FOR LIGHTWEIGHT CONCRETE AND EPOXY COATED REINFORCEMENT PER ACI.
4. MULTIPLY TABLE VALUES BY 1.3 FOR LAP SPLICE LENGTHS.
5. MINIMUM CLEAR SPACING OF BARS SHALL NOT BE LESS THAN 3 BAR DIAMETERS. CLEAR COVER SHALL NOT BE LESS THAN THE MOST RESTRICTIVE REQUIREMENT OF 1 BAR DIAMETER, THE MINIMUM CLEAR COVER DIMENSION LISTED IN THE CONTRACT DOCUMENTS AND THE ACI CODE. REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD.

PLATFORM FOUNDATION PLAN NOTES:

1. REFER TO GENERAL NOTES, KEYS & ABBEVIATIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SEE SURVEY PLAN FOR LOCATIONS OF ALL EXIST UTILITY LINES (AT&T AND MCI FIBER OPTIC CABLES, AMTRAC POWER AND SIGNAL LINES AND WATER MAINS, ETC.)
3. EXIST AMTRAK POWER AND SIGNAL LINES SHALL BE RELOCATED BY AMTRAK FORCE. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH AMTRAK ENGINEERS.
4. LOCATIONS AND DIMENSIONS OF EXIST CATENARY TOWER FOUNDATIONS ARE TO BE VIF BY CONTRACTOR DIMESIONS OF PLATFORM SLAB AND FOOTING OPENINGS SHALL BE APPROVED BY THE SER PRIOR TO PLACEMENT OF CONCRETE.
5. REFER TO CIVIL DRAWINGS FOR LIMITS OF SHEET PILING.
6. BOTTOM OF EXISTING FOUNDATION IS BASED ON NGVD 1929.
7. ALL ELEMENTS PROCEEDED WITH A + OR - ARE REFERENCED FROM THE TOP OF RAIL. THE TOP OF RAIL IS THE DATUM ELEVATION = 0'-0".

PLATFORM EXTENSION FOUNDATION PLAN

SCALE: 1/8"=1'-0"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.035.A2
1	08/31/12	ADDED BFE	02.03.035.A1
1	08/31/12	DELETED NOTE "BFE TO MATCH EXIST = 6'6""	02.03.035.A1

Filename: FD_MSH_STR_0059_0057_S-100_A2.dgn

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.

Date Plotted: October 1, 2012

DESIGNER/DRAFTER: KR-M
CHECKED BY: DB
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

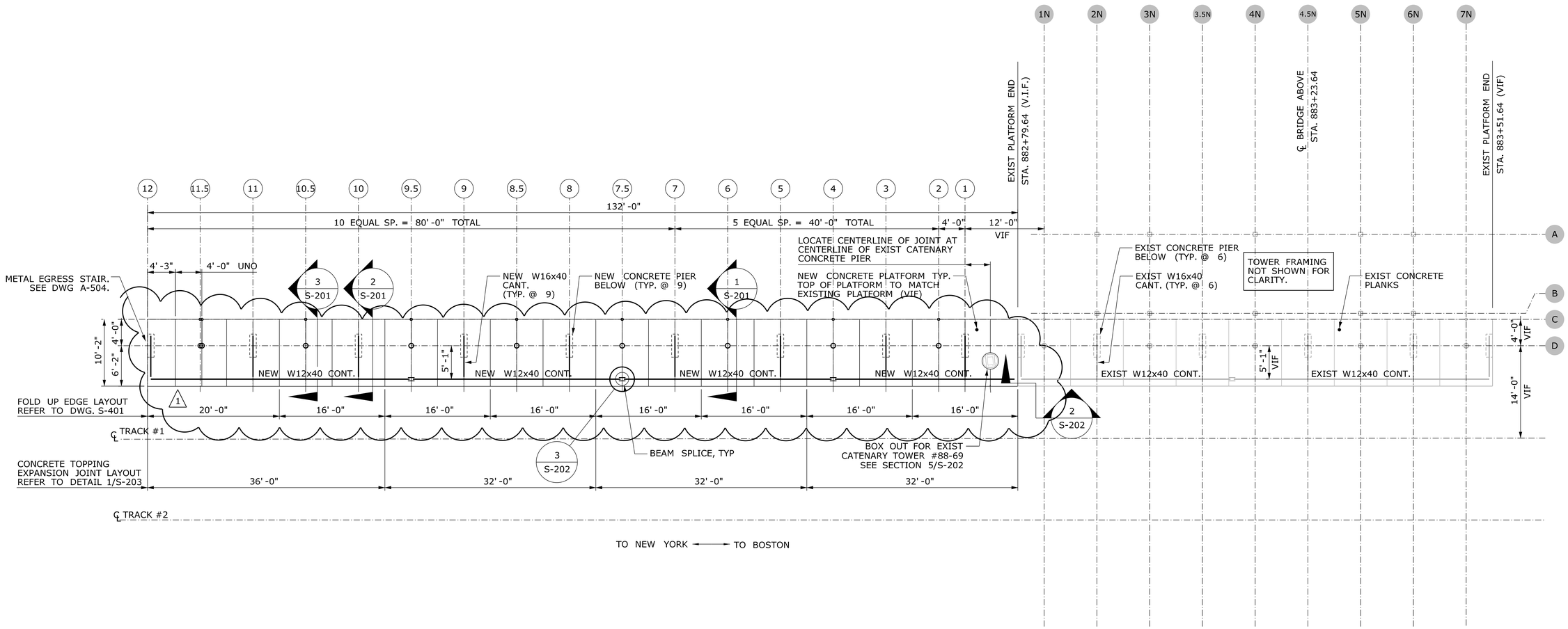
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE:
SHORE LINE EAST
RAILROAD STATIONS

TOWN: GUILFORD

DRAWING TITLE: FOUNDATION PLAN

PROJECT NO. 310-0057
DRAWING NO. S-100
SHEET NO. 02.03.035.A2



PLATFORM EXTENSION FRAMING PLAN

SCALE: 1/8"=1'-0"

PLATFORM FRAMING PLAN NOTES:

1. REFER TO GENERAL NOTES, KEYS & ABBEVIATIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO COORDINATE WITH ARCH DWGS TO LOCATE ITEMS ATTACHED TO THE TOP OF THE PLATFORM SLAB (IE., SIGNAGE, LIGHT POLES, BENCH SEATING). LOCATE ALL IN SLAB REINFORCEMENT AND VERIFY WITH SER PRIOR TO ANY DRILLING INTO SLAB FOR ATTACHMENT. DO NOT CUT IN PLACE BARS.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY.	02.03.036.A2

Filename: FD_MSH_STR_0059_0057_S-101_A2.dgn

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.

Date Plotted: October 17, 2012

DESIGNER/DRAFTER: KR-M
CHECKED BY: MDD
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

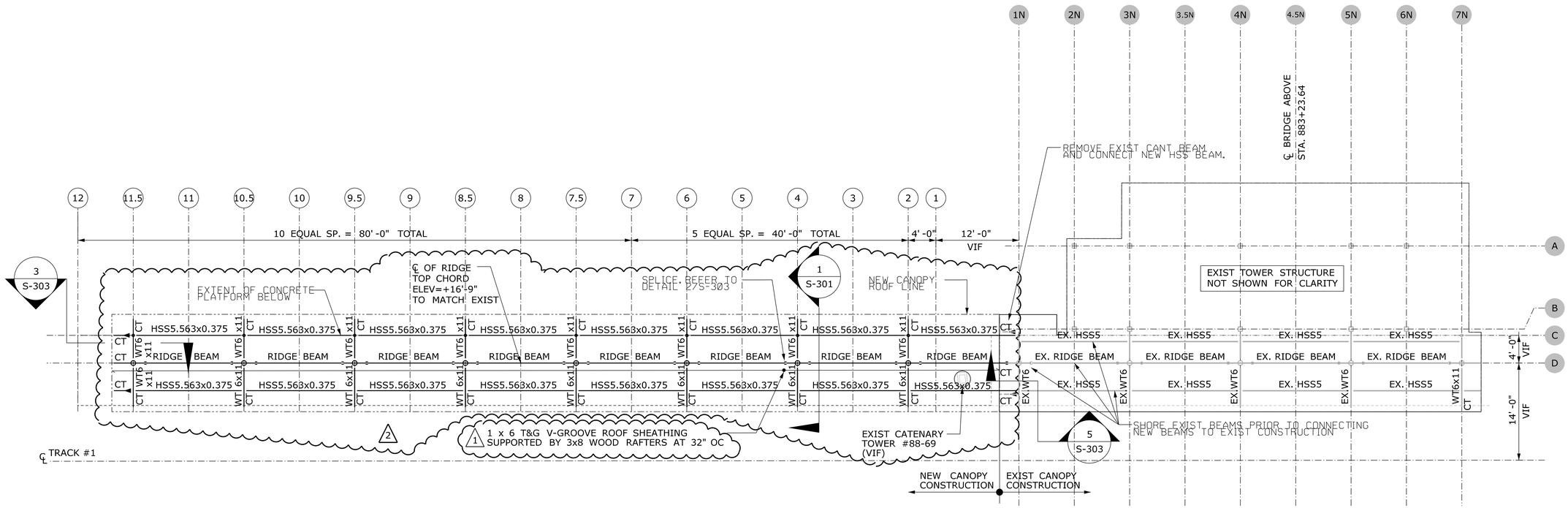
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE: SHORE LINE EAST RAILROAD STATIONS

TOWN: GUILFORD

DRAWING TITLE: PLATFORM EXTENSION FRAMING PLAN

PROJECT NO. 310-0057
DRAWING NO. S-101
SHEET NO. 02.03.036.A2



CANOPY EXTENSION FRAMING PLAN

SCALE: 1/8"=1'-0"

PLATFORM CANOPY FRAMING PLAN NOTES:

1. REFER TO GENERAL NOTES, KEYS & ABBEVIATIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
2	09/28/12	EXTENDED PLATFORM CANOPY	02.03.037.A2
1	08/31/12	CORRECTED REFERENCE TO T&G SHEATHING.	02.03.037.A1

Filename: FD_MSH_STR_0059_0057_S-102_A2.dgn

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.

Date Plotted: October 1, 2012

DESIGNER/DRAFTER: KR-M

CHECKED BY: DB

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: BAKER ENGINEERING

APPROVED BY:

DATE: 04/13/2011

PROJECT TITLE: SHORE LINE EAST RAILROAD STATIONS

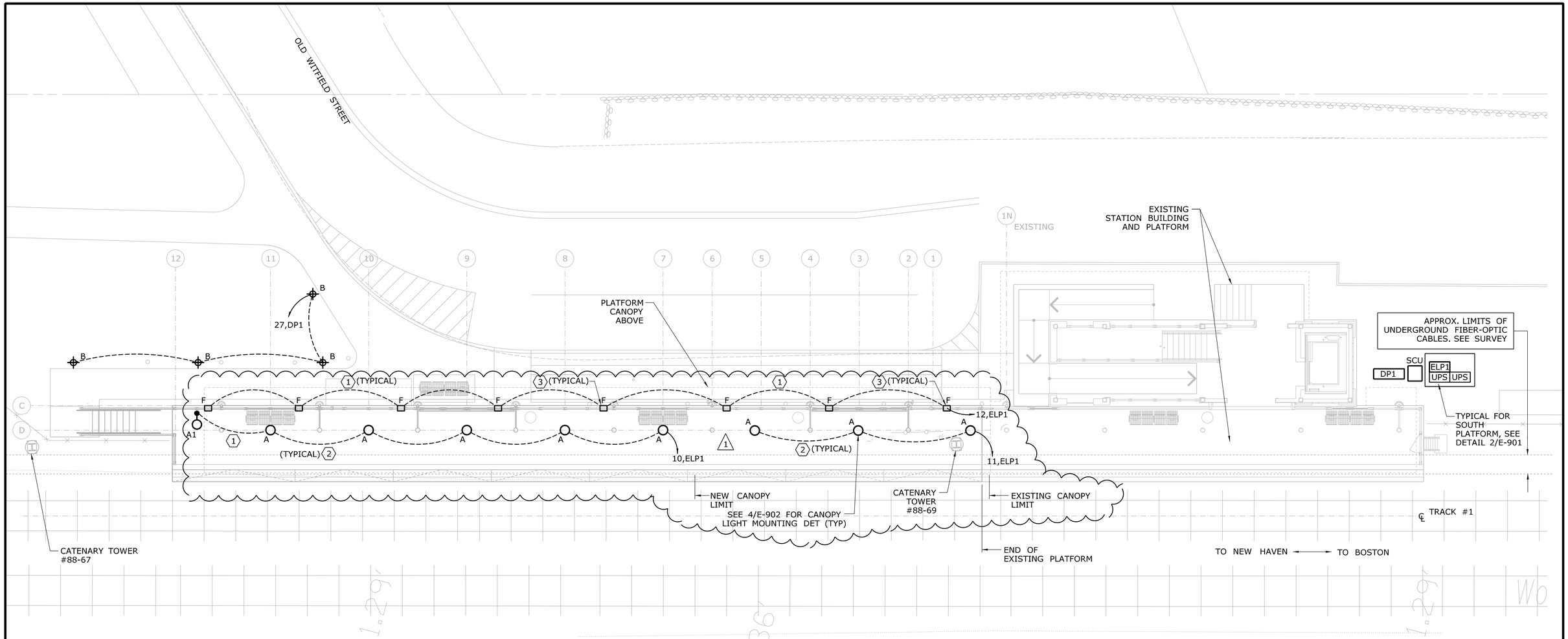
TOWN: GUILFORD

DRAWING TITLE: CANOPY EXTENSION FRAMING PLAN

PROJECT NO. 310-0057

DRAWING NO. S-102

SHEET NO. 02.03.037.A2



PLATFORM PLAN

SCALE: 1/8"=1'-0"

GENERAL NOTES - LIGHTING

1. ALL CIRCUITS SHALL BE 2#12,#12G,3/4"C, TO NEW 20A-1P CIRCUIT BREAKER IN PANEL INDICATED UNLESS NOTED OTHERWISE.
2. BRANCH CIRCUITS EXCEEDING 150' IN LENGTH SHALL BE INCREASED TO 2#10,#10G,3/4"C UNLESS NOTED OTHERWISE.
3. REFER TO DRAWING E-801 FOR LIGHTING FIXTURE SCHEDULE.
4. REFER TO DRAWING E-801 FOR DESCRIPTIONS OF SYMBOLS,ABBREVIATIONS AND NOTES.
5. COMBINE CIRCUITS IN CONDUITS TO LIMIT TOTAL NUMBER OF CONDUITS. DERATE WIRING PER NEC ADJUSTMENT FACTORS.
6. PULLBOXES,JUNCTION BOXES AND ENCLOSURES SHALL BE NEMA 4X(STAINLESS STEEL WITH CONTINUOUS NEOPRENE GASKET AND STAINLESS STEEL HARDWARE).
7. BRANCH CIRCUIT WIRING IS SHOWN DIAGRAMMATIC. ROUTE CONDUIT IN INCONSPICIOUS LOCATIONS IN A NEAT ORDERLY MANNER.
8. ALL EXPOSED AND UNDERGROUND CONDUITS SHALL BE PVC COATED RIGID STEEL UNLESS NOTED OTHERWISE.

FOR POLE-MOUNTED SITE LIGHTING FIXTURES, WIRE 2#12, #12G FROM J-BOX IN POLE BASE TO FIXTURE.

KEY NOTES

(1) 2#10, #106,¾" PVC-COATED RIGID STEEL CONDUIT. ROUTE CONDUITS IN UNCONSPICUOUS AREAS UNDER THE PLATFORM. WHERE CONDUITS CONNECT TO CANOPY LIGHTING, MOUNT PVC-COATED RGS TO SIDE OF COLUMNS ON THE LEAST CONSPICUOUS SIDE. ALL FASTENERS/HANGERS SHALL MATCH THE CANOPY OR PVC-COATED RGS COLOR.

(2) CONDUITS IN THE CANOPY AREA SHALL RUN OVERHEAD IN THE RIDGE OF THE CANOPY. REFER TO DETAIL A/A-500/A-501. CONDUIT SHALL CONTINUE THROUGH THE RIDGE OF THE EXISTING PLATFORM CANOPY AND EXIT AT THE EASTERN-MOST CANOPY COLUMN (NEAR DP-1), WHERE IT SHALL BE SURFACE-MOUNTED ALONG THE BACK SIDE OF THE COLUMN TO A POINT BENEATH THE PLATFORM.

(3) TYPE 'F' FIXTURE TO BE MOUNTED UNDER PLATFORM. SEE 3/E-901 FOR MORE DETAILS.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.048.A2

Filename: FD_MSH_ELE_0059_0057_EL-101_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: MZ (CES)
CHECKED BY: S. SULLIVAN (CES)
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

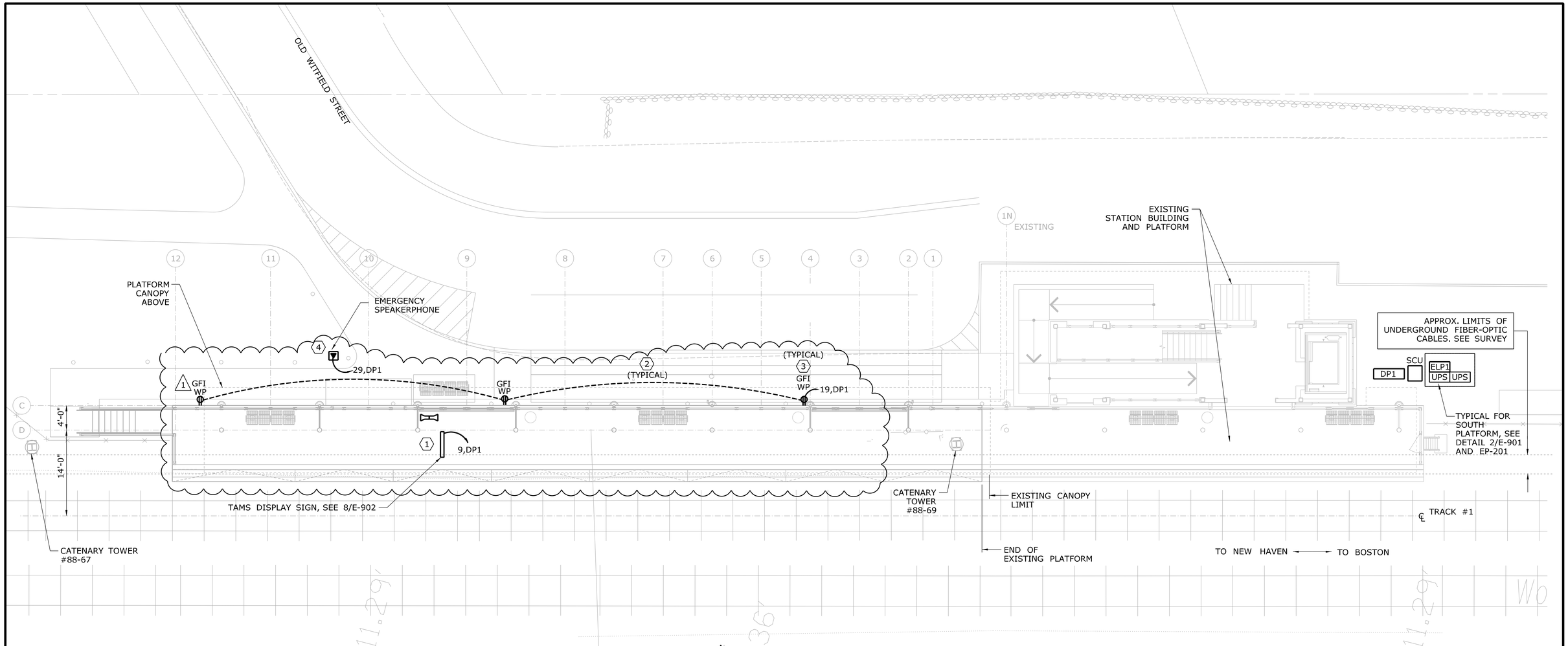
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE: SHORE LINE EAST RAILROAD STATIONS

TOWN: GUILFORD

DRAWING TITLE: PLATFORM LIGHTING PART PLAN

PROJECT NO. 310-0057
DRAWING NO. EL-101
SHEET NO. 02.03.048.A2



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PLATFORM PLAN

SCALE: 1/8"=1'-0"

GENERAL NOTES - POWER

1. ALL EXPOSED CONDUIT RUNS SHALL BE GALVANIZED RIGID STEEL PVC COATED CONDUIT WITH POLYURETHANE INTERNAL COATING. ALL CONDUIT RUNS LOCATED INSIDE ROOMS SHALL BE RGS CONDUIT. ALL CONDUIT EMBEDDED IN CONCRETE SHALL BE SCH 80 PVC CONDUIT. ALL CONDUIT DIRECT BURIED IN TRENCH SHALL BE SCH 80 PVC CONDUIT.
2. ALL BRANCH CIRCUITS EXCEEDING 150' IN LENGTH SHALL BE 2#10,#10G.,3/4"C. UNLESS NOTED OTHERWISE.
3. REFER TO DRAWING E-801 FOR DESCRIPTIONS OF SYMBOLS, ABBREVIATIONS AND NOTES.
4. DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CIRCUIT NUMBER(S).
5. COMBINE CIRCUITS IN CONDUITS TO LIMIT TOTAL NUMBER OF CONDUITS. DERATE WIRING PER SCHEDULES.
6. PULLBOXES,JUNCTION BOXES AND ENCLOSURES SHALL BE NEMA 4X(STAINLESS STEEL WITH CONTINUOUS NEOPRENE GASKET AND STAINLESS STEEL HARDWARE).
7. BRANCH CIRCUIT WIRING IS SHOWN DIAGRAMMATIC. ROUTE CONDUIT IN INCONSPICIOUS LOCATIONS IN NEAT ORDERLY MANNER.

KEY NOTES

1. TAMS DISPLAY SIGN SHALL BE MOUNTED UNDER THE CANOPY. REFER TO WIRING DIAGRAM ON E-703.
2. PROVIDE 2#10,1#10, 3/4"C FOR RECEPTACLE CIRCUIT. CONDUIT SHALL RUN ON UNDERSIDE OF THE PLATFORM SLAB.
3. RECEPTACLE SHALL BE INSTALLED UNDER THE PLATFORM. PROVIDE WEATHERPROOF LOCKABLE ENCLOSURE "CODE KEEPER" CKRU-G8 BY RED DOT OR EQUIVALENT.
4. PROVIDE TELEPHONE LINE IN 3/4"C BACK TO SCU PANEL

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.049.A2

Filename: FD_MSH_ELE_0059_0057_EP-101_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: MZ (CES)
CHECKED BY: S. SULLIVAN (CES)
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

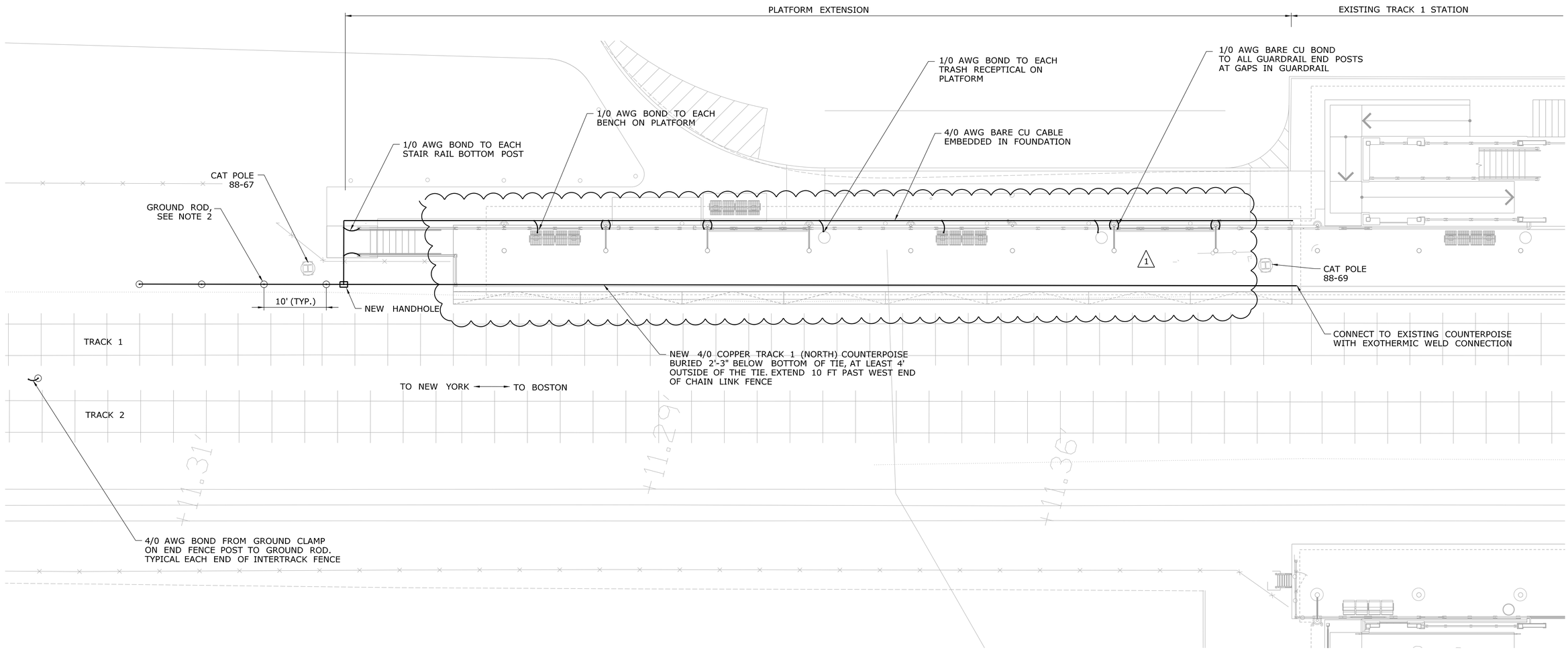
ENGINEER: BAKER ENGINEERING
APPROVED BY:
DATE: 04/13/2011

PROJECT TITLE:
SHORE LINE EAST RAILROAD STATIONS

TOWN: **GUILFORD**

DRAWING TITLE: **PLATFORM POWER PART PLAN**

PROJECT NO. **310-0057**
DRAWING NO. **EP-101**
SHEET NO. **02.03.049.A2**



N

PLATFORM BONDING AND GROUNDING PLAN — **A** / **ET-10**

SCALE: N.T.S.

NOTES:

1. CONTRACTOR TO COORDINATE WITH AMTRAK, THE INSTALLATION OF 4/0 AWG BARE COPPER BURIED COUNTERPOISE EXTENSION ON FIELD SIDE OF TRACK 1 AS SHOWN.
2. INSTALL (4)$^{3}/_{4}$" DIA. 10FT COPPER CLAD STEEL GROUND RODS AT 10FT INTERVALS FROM COUNTERPOISE HANDHOLE TOWARDS THE END OF COUNERPOISE. SEE DWG. ET-12 FOR GROUND ROD CONNECTION DETAILS.
3. POLYMER CONCRETE HANDHOLE APPROX. 5FT BEYOND END OF PLATFORM, TOP FLUSH WITH FINISHED GRADE. EXACT LOCATION TO BE DETERMINED BY CONTRACTOR BASED ON FIELD CONDITIONS. CONNECT STATION PLATFORM 4/0 AWG CU GROUNDING CONDUCTOR TO HANDHOLE GROUND BAR.
4. THERMITE WELD BURIED CONNECTIONS TO BE COATED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	09/28/12	EXTENDED PLATFORM CANOPY	02.03.059.A2

Filename: FD_MSH_ELE_0059_0057_ET-10_A2.dgn

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Date Plotted: October 1, 2012

DESIGNER/DRAFTER: W. FRYER / R. WRIGHT

CHECKED BY: D. TUDRYN

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: BAKER ENGINEERING

APPROVED BY:

DATE: 04/13/2011

PROJECT TITLE:

SHORE LINE EAST RAILROAD STATIONS

TOWN: **GUILFORD**

DRAWING TITLE: **GROUNDING AND BONDING PLAN**

PROJECT NO. **310-0057**

DRAWING NO. **ET-10**

SHEET NO. **02.03.059.A2**