

PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE IMAX THEATER WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

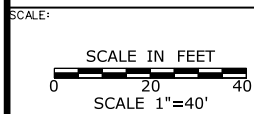
X	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
X	MOVE RIPRAP AS NEEDED TO INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	REMOVE IMAX THEATER FOUNDATION AND GRADE ENTIRE SITE TO ELEV. 8.0, (11.98 MLLW).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN AND INSTALL TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM AROUND THE STORMWATER OUTFALL.
	EXCAVATE WITHIN MARINE ENCLOSURE, INSTALL NEW MANHOLE AND OUTFALL, DIVERT STORMWATER TO NEW OUTFALL AND REMOVE EXISTING OUTFALL.
	REMOVE TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM.
	FOLLOWING DUCTBANK AND SUBMARINE CABLE CONSTRUCTION (SEE ACTIVITY 2) AND SOUTHWEST TRESTLE ERECTION (SEE ACTIVITY 6), SET CRANE MATS.
	UPON COMPLETION OF THE BRIDGE AND REMOVAL OF THE SOUTHWEST TRESTLE (SEE ACTIVITY 6), REMOVE CRANE MATS, GRADE SITE AND RESTORE SHORELINE.

NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. MARINE ENCLOSURE WILL BE INSTALLED SO THAT THE TOP WILL BE AT OR ABOVE ELEV. 6.2 (10.18 MLLW), 1 FOOT ABOVE THE HIGH TIDE LINE.
4. ALL FENDER AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
6. PROTECTION MEASURES WILL BE IN PLACE DURING THE DEMOLITION OF THE BUILDING TO PREVENT DEBRIS FROM ENTERING THE WATER.

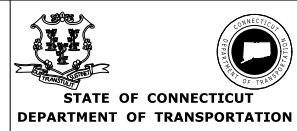
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 1
IMAX REMOVAL
(SHEET 1 OF 7)**

PROJECT NO.:

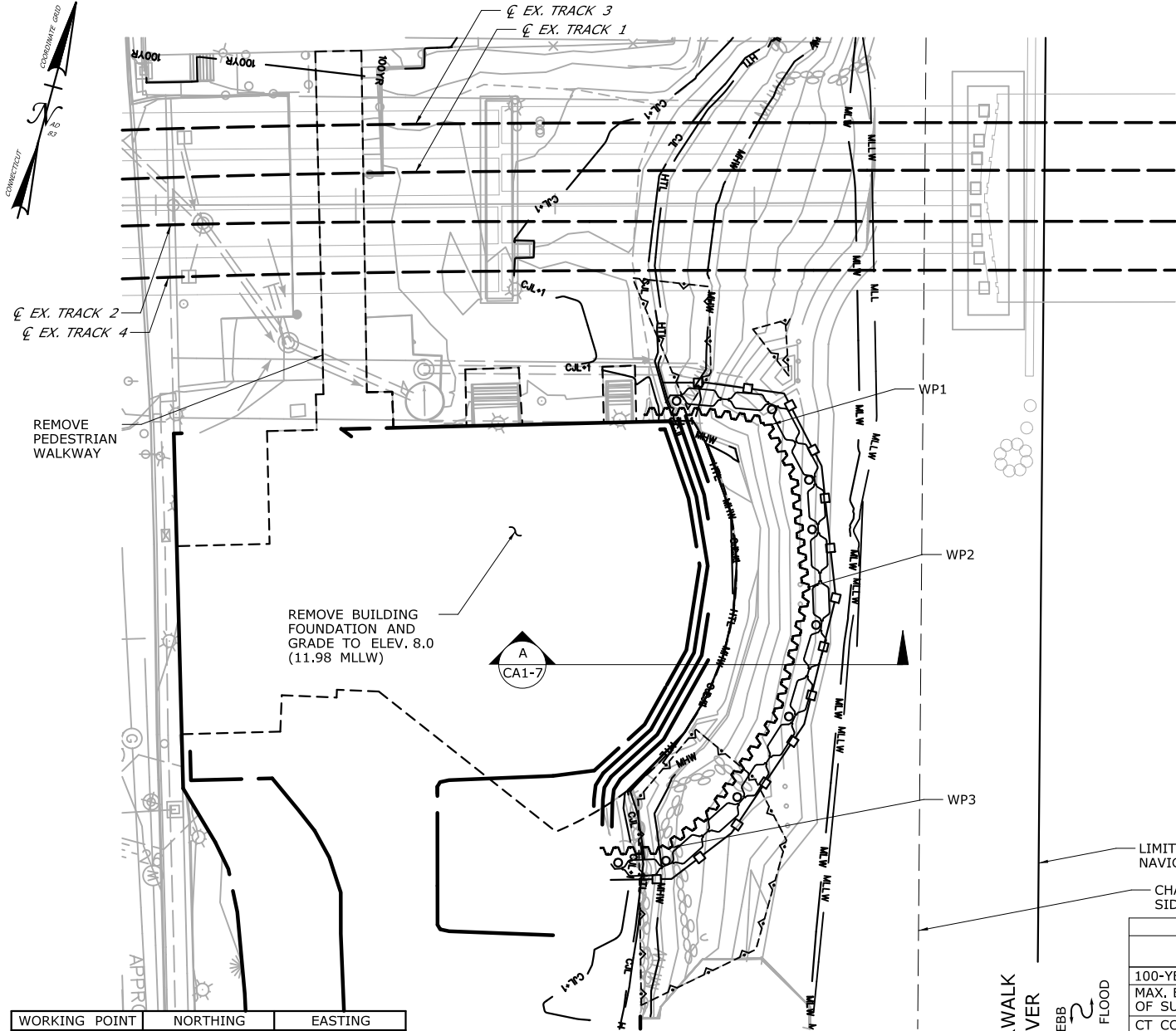
0301-0176

DATE:

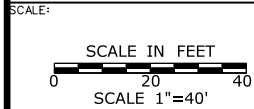
REV 02-23-21

DRAWING NO.:

CA1-1



WORKING POINT	NORTHING	EASTING
WP1	597,940	816,507
WP2	597,903	816,527
WP3	597,831	816,511

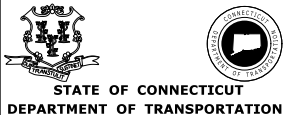


DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 1
IMAX REMOVAL
(SHEET 2 OF 7)**

PROJECT NO.:

0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA1-2

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE IMAX THEATER WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	MOVE RIPRAP AS NEEDED TO INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
X	REMOVE IMAX THEATER FOUNDATION AND GRADE ENTIRE SITE TO ELEV. 8.0, (11.98 MLLW).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN AND INSTALL TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM AROUND THE STORMWATER OUTFALL.
	EXCAVATE WITHIN MARINE ENCLOSURE, INSTALL NEW MANHOLE AND OUTFALL, DIVERT STORMWATER TO NEW OUTFALL AND REMOVE EXISTING OUTFALL.
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	FOLLOWING DUCTBANK AND SUBMARINE CABLE CONSTRUCTION (SEE ACTIVITY 2) AND SOUTHWEST TRESTLE ERECTION (SEE ACTIVITY 6), SET CRANE MATS.
	UPON COMPLETION OF THE BRIDGE AND REMOVAL OF THE SOUTHWEST TRESTLE (SEE ACTIVITY 6), REMOVE CRANE MATS, GRADE SITE AND RESTORE SHORELINE.

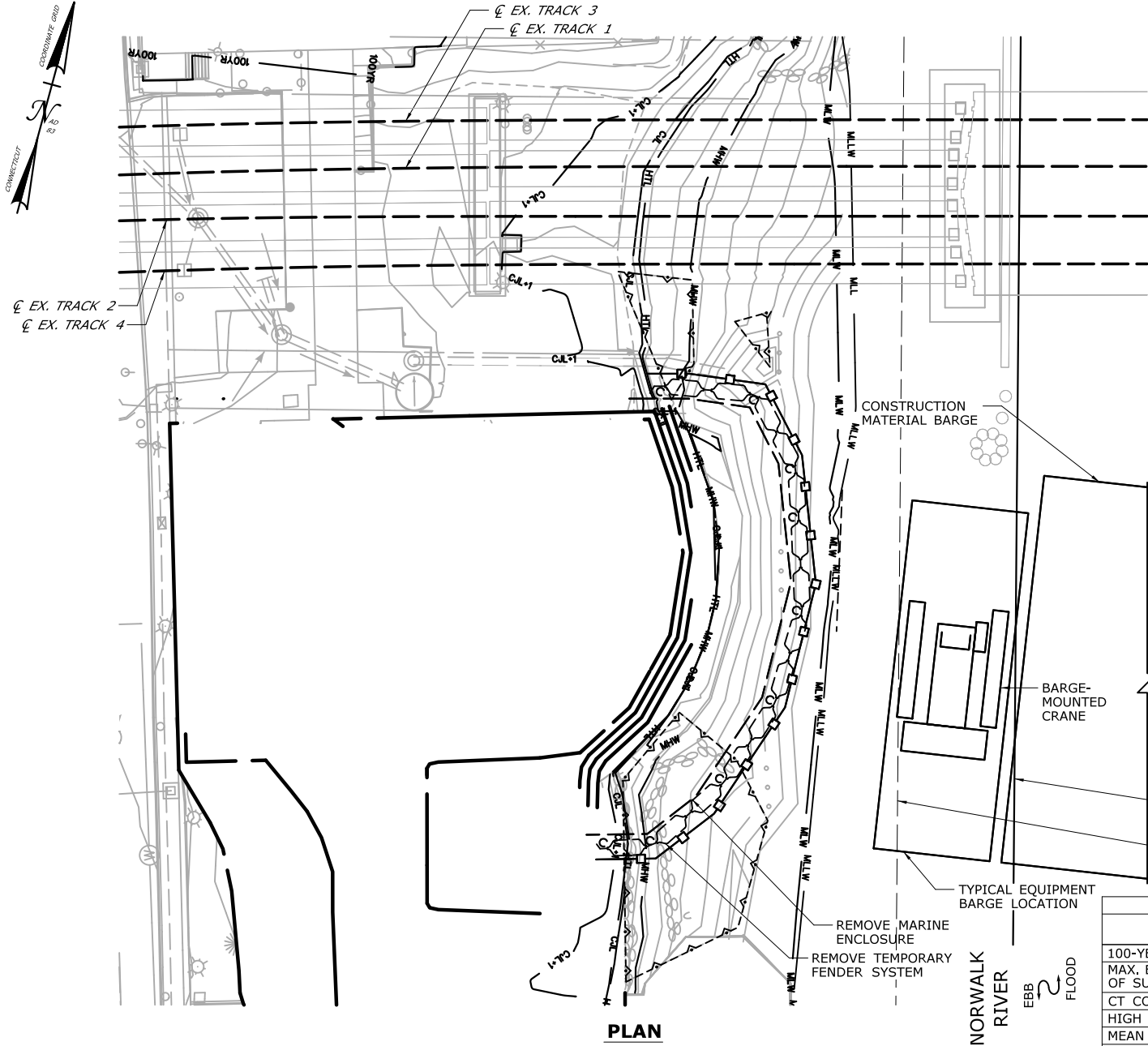
NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. CONTAINMENT BEST MANAGEMENT PRACTICES FOR AIRBORNE DUST DURING BUILDING REMOVAL WILL BE INCLUDED IN THE PROJECT SPECIAL PROVISIONS.
4. PILES WILL BE REMOVED AS NECESSARY TO INSTALL THE RECEIVING PIT FOR THE DUCTBANK INSTALLATION (CA2)

LIMITS OF FEDERAL NAVIGATION CHANNEL

CHANNEL DREDGING SIDE SLOPE LIMITS

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE IMAX THEATER WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

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	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	MOVE RIPRAP AS NEEDED TO INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	REMOVE IMAX THEATER FOUNDATION AND GRADE ENTIRE SITE TO ELEV. 8.0 (11.98 MLLW).
X	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN AND INSTALL TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM AROUND THE STORMWATER OUTFALL.
	EXCAVATE WITHIN MARINE ENCLOSURE, INSTALL NEW MANHOLE AND OUTFALL, DIVERT STORMWATER TO NEW OUTFALL AND REMOVE EXISTING OUTFALL.
	REMOVE TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM.
	FOLLOWING DUCTBANK CONSTRUCTION (SEE ACTIVITY 2) AND SOUTHWEST TRESTLE ERECTION (SEE ACTIVITY 6), SET CRANE MATS.
	UPON COMPLETION OF THE BRIDGE AND REMOVAL OF THE SOUTHWEST TRESTLE (SEE ACTIVITY 6), REMOVE CRANE MATS, GRADE SITE AND RESTORE SHORELINE.

NOTES:

- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SEE VESSEL BERTHING PLANS (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- ALL FENDER AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.

LIMIT OF FEDERAL NAVIGATION CHANNEL
CHANNEL DREDGING SIDE SLOPE LIMITS

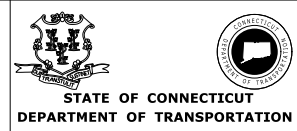
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MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

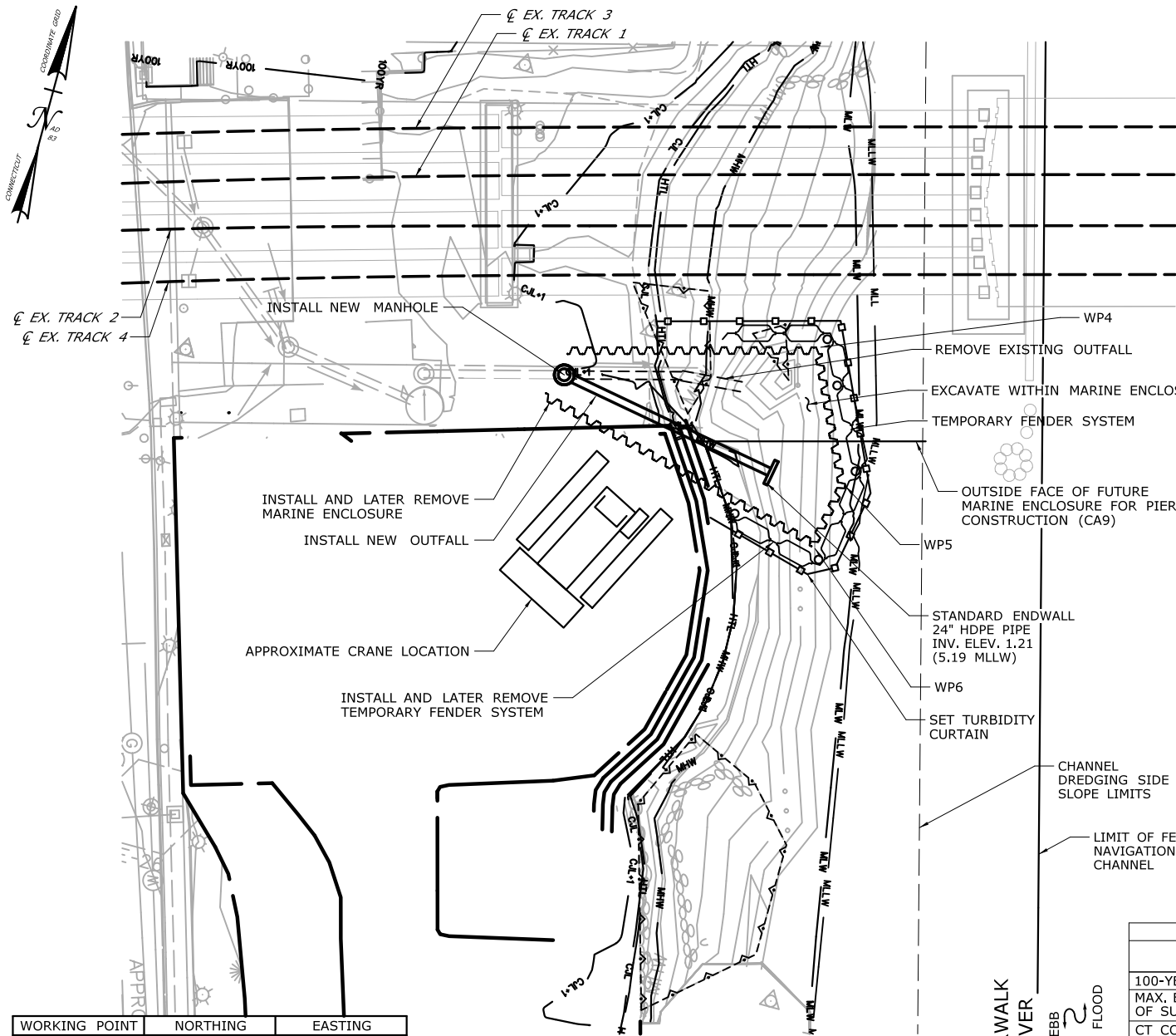
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 1
IMAX REMOVAL
(SHEET 3 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 02-23-21
DRAWING NO.:
CA1-3



PLAN

WORKING POINT	NORTHING	EASTING
WP4	597,963	816,514
WP5	597,931	816,529
WP6	597,914	816,526

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE IMAX THEATER WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

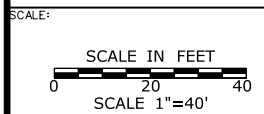
	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	MOVE RIPRAP AS NEEDED TO INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	REMOVE IMAX THEATER FOUNDATION AND GRADE ENTIRE SITE TO ELEV. 8.0 (11.98 MLLW).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
X	SET TURBIDITY CURTAIN AND INSTALL TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM AROUND THE STORMWATER OUTFALL.
X	EXCAVATE WITHIN MARINE ENCLOSURE, INSTALL NEW MANHOLE AND OUTFALL, DIVERT STORMWATER TO NEW OUTFALL AND REMOVE EXISTING OUTFALL.
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	FOLLOWING DUCTBANK AND SUBMARINE CABLE CONSTRUCTION (SEE ACTIVITY 2) AND SOUTHWEST TRESTLE ERECTION (SEE ACTIVITY 6), SET CRANE MATS.
	UPON COMPLETION OF THE BRIDGE AND REMOVAL OF THE SOUTHWEST TRESTLE (SEE ACTIVITY 6), REMOVE CRANE MATS, GRADE SITE AND RESTORE SHORELINE.

NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. MARINE ENCLOSURE WILL BE INSTALLED SO THAT THE TOP WILL BE AT OR ABOVE ELEV. 6.2 (10.18 MLLW), 1 FOOT ABOVE THE HIGH TIDE LINE.
4. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
5. ALL FENDER AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.

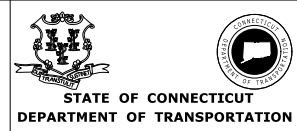
ELEVATION TABLE

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MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



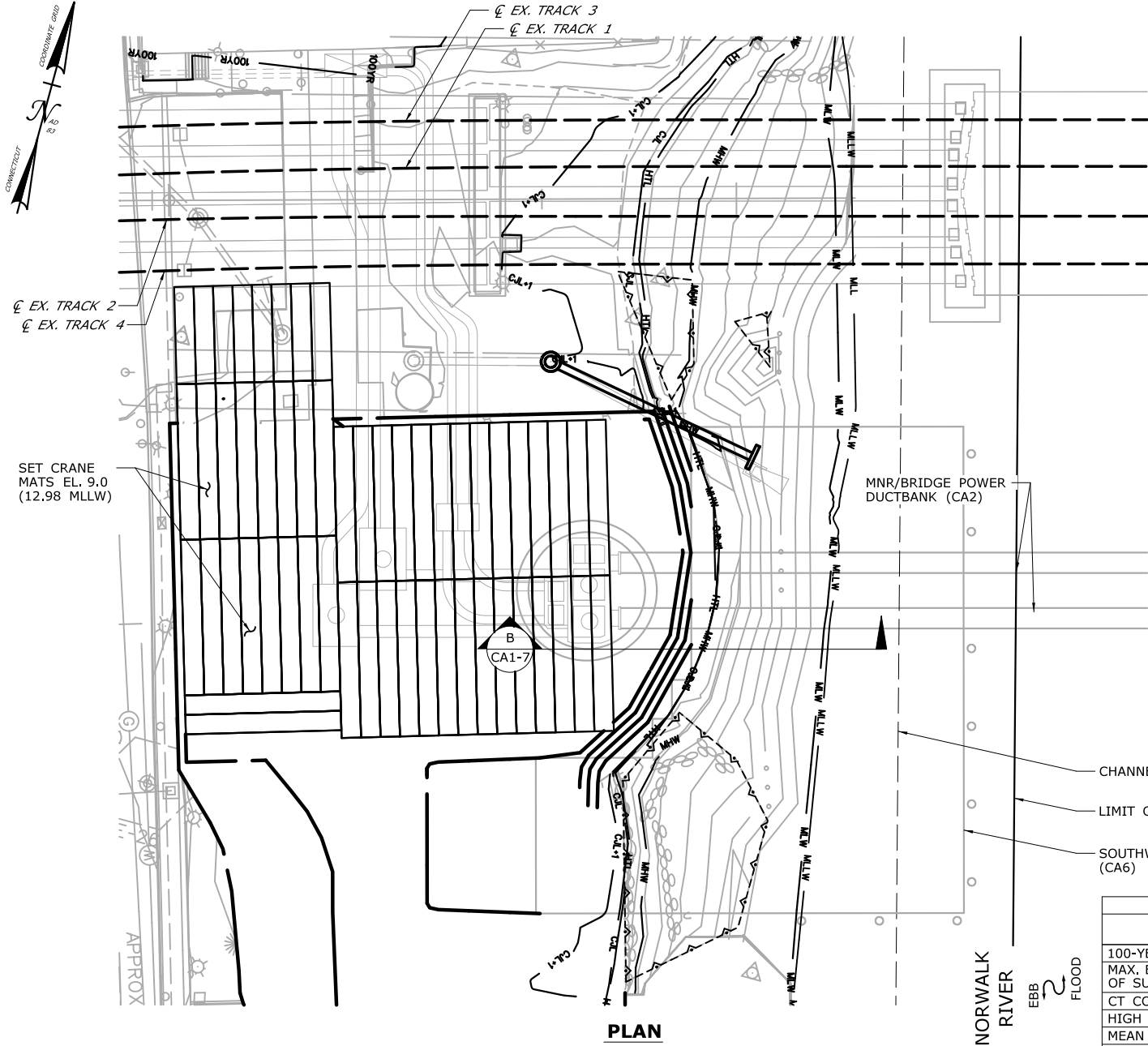
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 1
IMAX REMOVAL
(SHEET 4 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 02-23-21
DRAWING NO.:
CA1-4



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE IMAX THEATER WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	MOVE RIPRAP AS NEEDED TO INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
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	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN AND INSTALL TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM AROUND THE STORMWATER OUTFALL.
	EXCAVATE WITHIN MARINE ENCLOSURE, INSTALL NEW MANHOLE AND OUTFALL, DIVERT STORMWATER TO NEW OUTFALL AND REMOVE EXISTING OUTFALL.
	REMOVE TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM.
X	FOLLOWING DUCTBANK AND SUBMARINE CABLE CONSTRUCTION (SEE ACTIVITY 2) AND SOUTHWEST TRESTLE ERECTION (SEE ACTIVITY 6), SET CRANE MATS.
	UPON COMPLETION OF THE BRIDGE AND REMOVAL OF THE SOUTHWEST TRESTLE (SEE ACTIVITY 6), REMOVE CRANE MATS, GRADE SITE AND RESTORE SHORELINE.

NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.

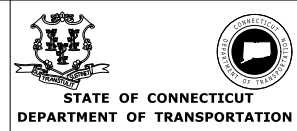
CHANNEL DREDGING SIDE SLOPE LIMITS
LIMIT OF FEDERAL NAVIGATION CHANNEL
SOUTHWEST TRESTLE (CA6)

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

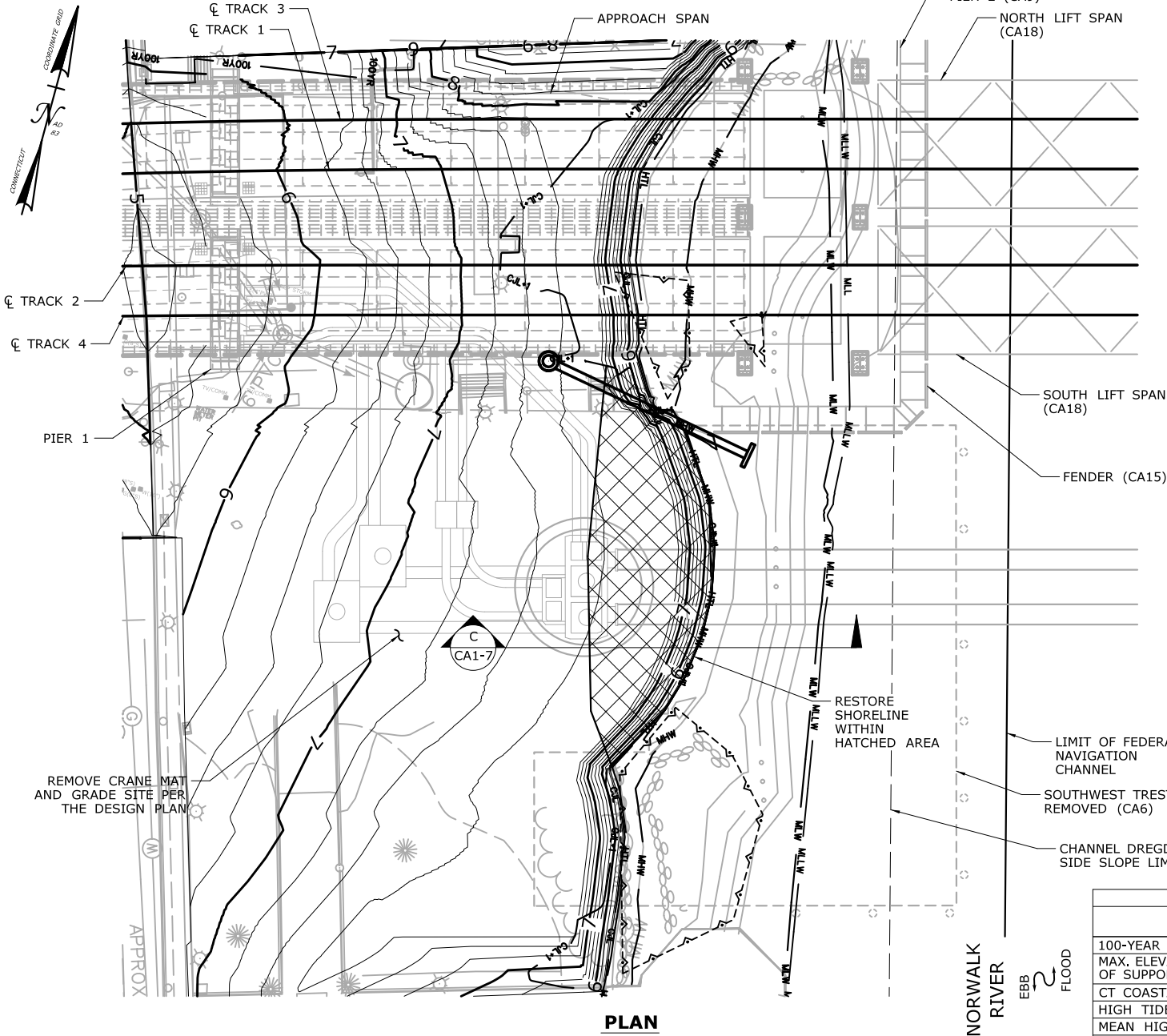
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 1
IMAX REMOVAL
(SHEET 5 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 05-19-21
DRAWING NO.:
CA1-5



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE IMAX THEATER WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	MOVE RIPRAP AS NEEDED TO INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	REMOVE IMAX THEATER FOUNDATION AND GRADE ENTIRE SITE TO ELEV. 8.0 (11.98 MLLW).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN AND INSTALL TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM AROUND THE STORMWATER OUTFALL.
	EXCAVATE WITHIN MARINE ENCLOSURE, INSTALL NEW MANHOLE AND OUTFALL, DIVERT STORMWATER TO NEW OUTFALL AND REMOVE EXISTING OUTFALL.
	REMOVE TEMPORARY SHEETPILES AND TEMPORARY FENDER SYSTEM.
	FOLLOWING DUCTBANK AND SUBMARINE CABLE CONSTRUCTION (SEE ACTIVITY 2) AND SOUTHWEST TRESTLE ERECTION (SEE ACTIVITY 6), SET CRANE MATS.
X	UPON COMPLETION OF THE BRIDGE AND REMOVAL OF THE SOUTHWEST TRESTLE (SEE ACTIVITY 6), REMOVE CRANE MATS, GRADE SITE AND RESTORE SHORELINE.

NOTES:

- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SHORELINE RESTORATION TO MATCH EXISTING MATERIAL FOR EROSION CONTROL TO THE CJL ELEVATION. AREAS ABOVE THE CJL ELEVATION TO BE RESTORED WILL BE TREATED WITH APPROPRIATE FERTILIZER, SEED AND MULCH IN ACCORDANCE WITH CTDEEP GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
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HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 1
IMAX REMOVAL
(SHEET 6 OF 7)**

PROJECT NO.:

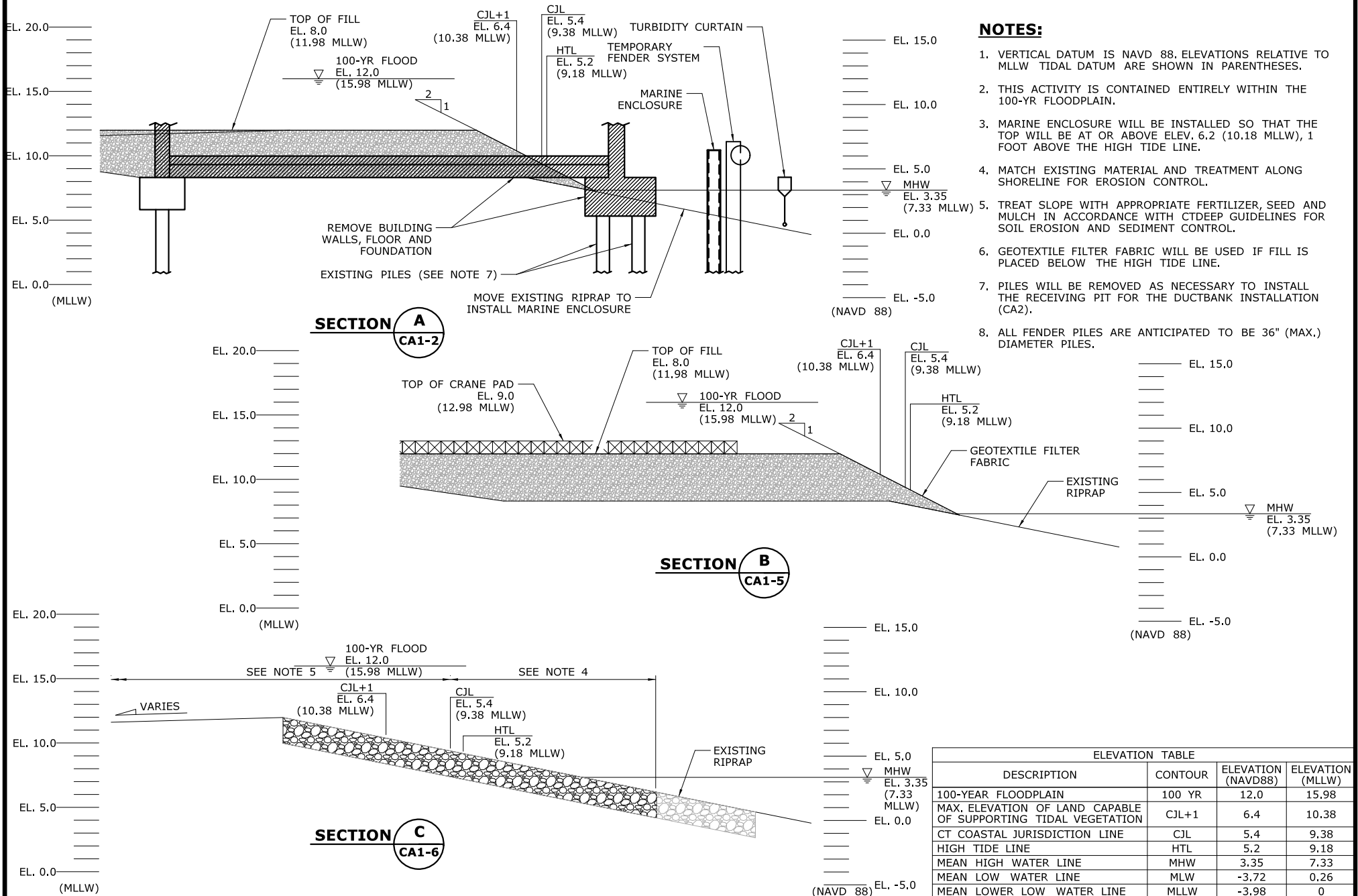
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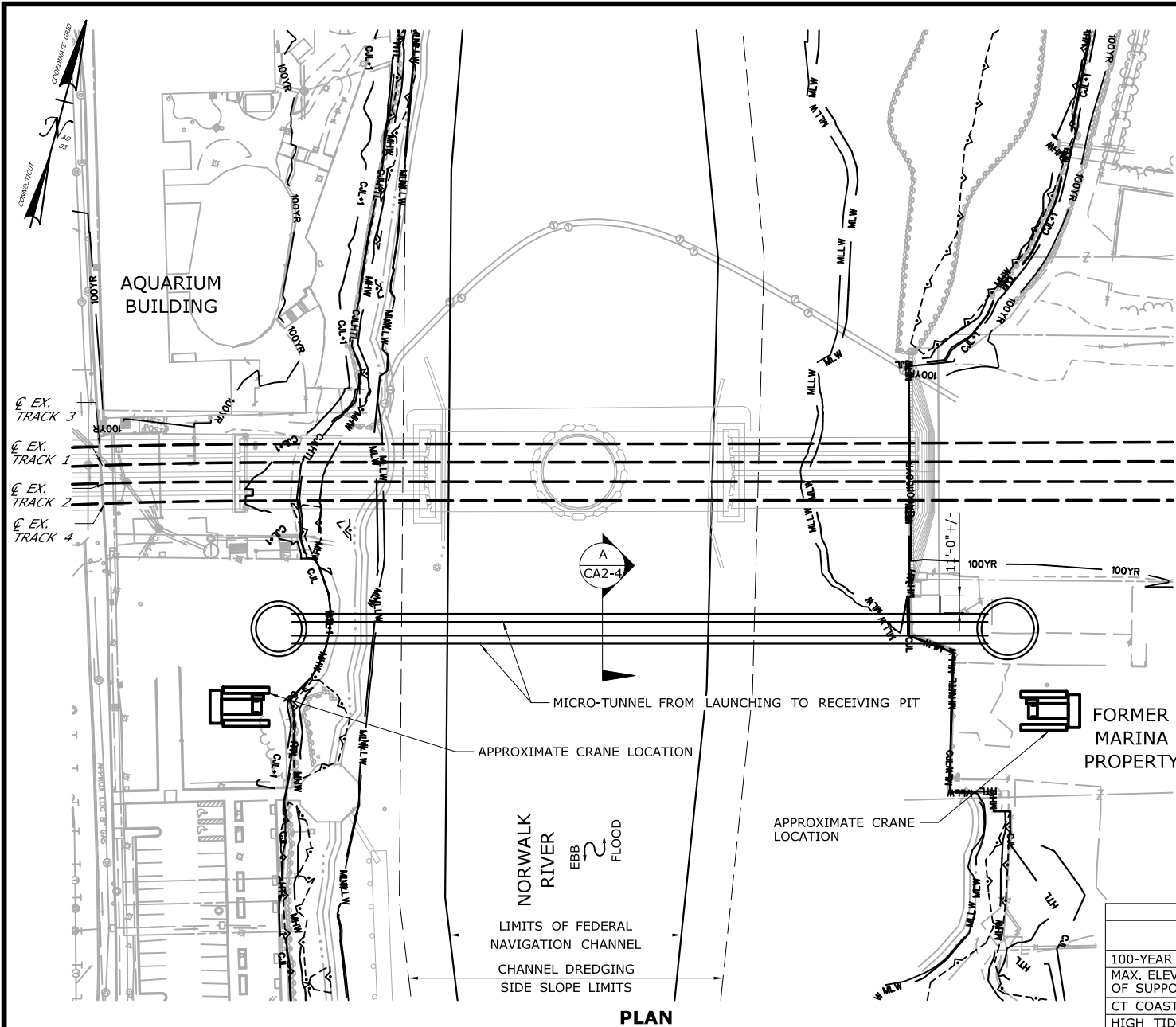
DATE:

REV 05-19-21

DRAWING NO.:

CA1-6





CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO INSTALL THE PROPOSED DUCTBANK WITH REFERENCE TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE."

WORK DESCRIPTION

	INSTALL LAUNCHING AND RECEIVING PITS ON BOTH SIDES OF THE RIVER.
X	MICRO-TUNNEL ACROSS RIVER FROM LAUNCHING PIT TO RECEIVING PIT.
	FILL PITS AND RESTORE SITE.

NOTES:

1. LAUNCHING AND RECEIVING PITS ARE BOTH LOCATED LANDWARD OF THE CJL.
2. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
3. MICRO-TUNNEL CASING WILL BE INSTALLED A MINIMUM OF 13 FEET BELOW AUTHORIZED DREDGE ELEVATION WITH NO DISTURBANCE TO THE RIVER BOTTOM.
4. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
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HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 50 100
SCALE 1"=100'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

DRAWING TITLE:

**NORWALK
ACTIVITY 2
DUCTBANK
INSTALLATION (2 OF 4)**

PROJECT NO.:

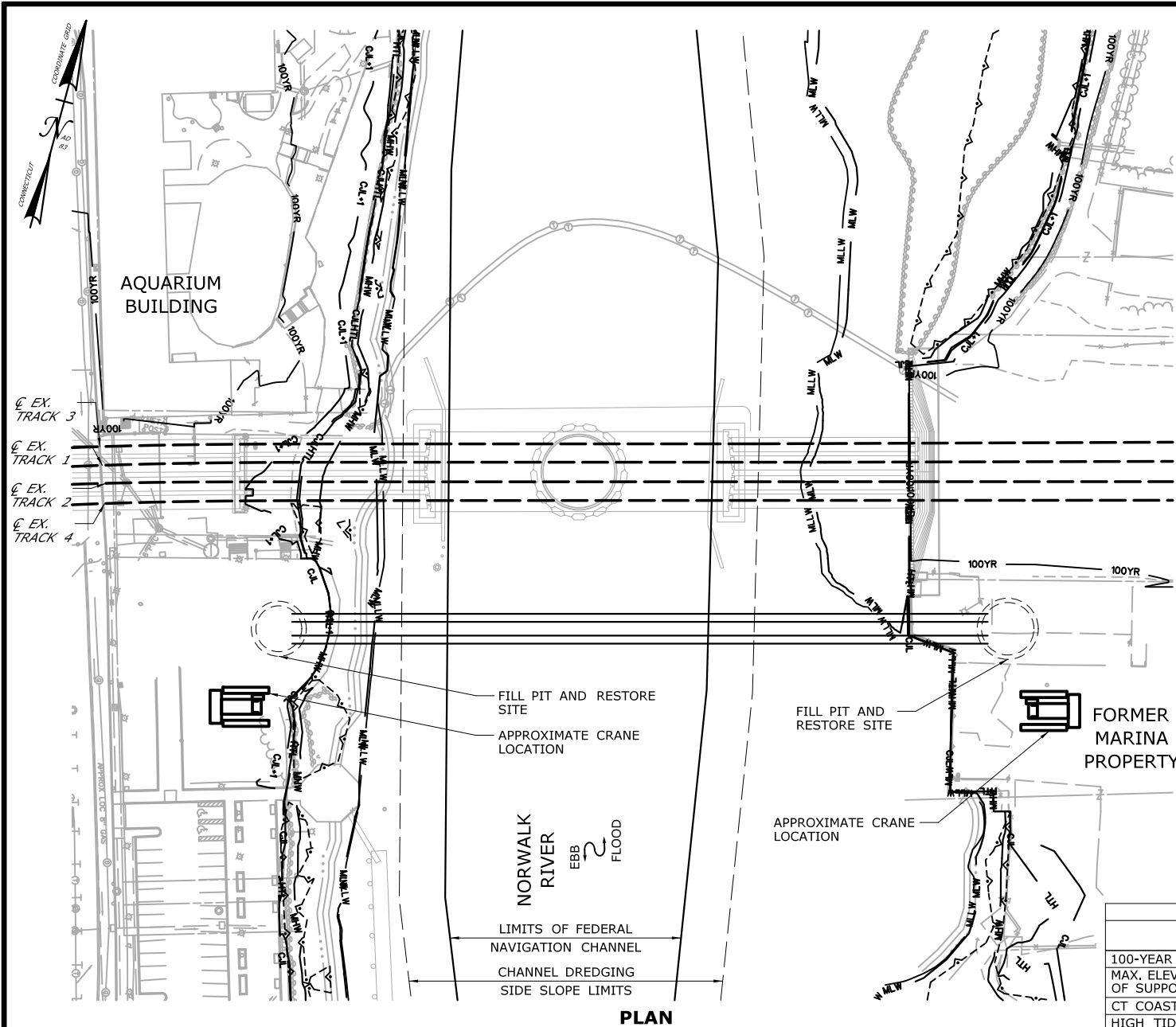
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA2-2



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO INSTALL THE PROPOSED DUCTBANK WITH REFERENCE TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE."

WORK DESCRIPTION

	INSTALL LAUNCHING AND RECEIVING PITS ON BOTH SIDES OF THE RIVER.
	MICRO-TUNNEL ACROSS RIVER FROM LAUNCHING PIT TO RECEIVING PIT.
X	FILL PITS AND RESTORE SITE.

NOTES:

1. LAUNCHING AND RECEIVING PITS ARE BOTH LOCATED LANDWARD OF THE CJL.
2. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
3. VERTICAL DATUM IS NAVD 88, ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 50 100
SCALE 1"=100'

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 2
DUCTBANK
INSTALLATION (3 OF 4)**

PROJECT NO.:

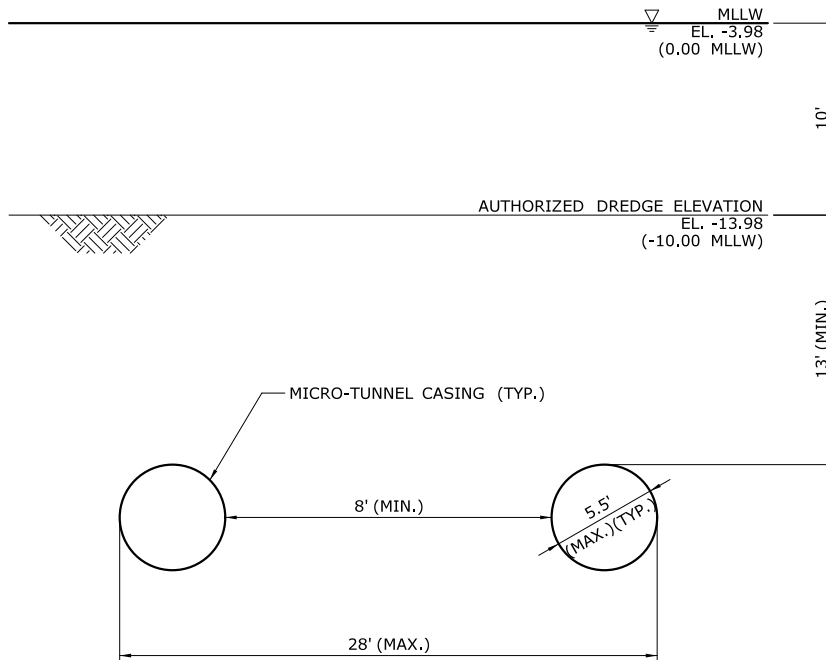
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA2-3



SECTION A
CA2-2

NOTES:

1. LAUNCHING AND RECEIVING PITS ARE BOTH LOCATED LANDWARD OF THE CJL.
2. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
3. MICRO-TUNNEL CASING WILL BE INSTALLED A MINIMUM OF 13 FEET BELOW AUTHORIZED DREDGE ELEVATION WITH NO DISTURBANCE TO THE RIVER BOTTOM.
4. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

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

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 2
DUCTBANK
INSTALLATION (4 OF 4)**

PROJECT NO.:

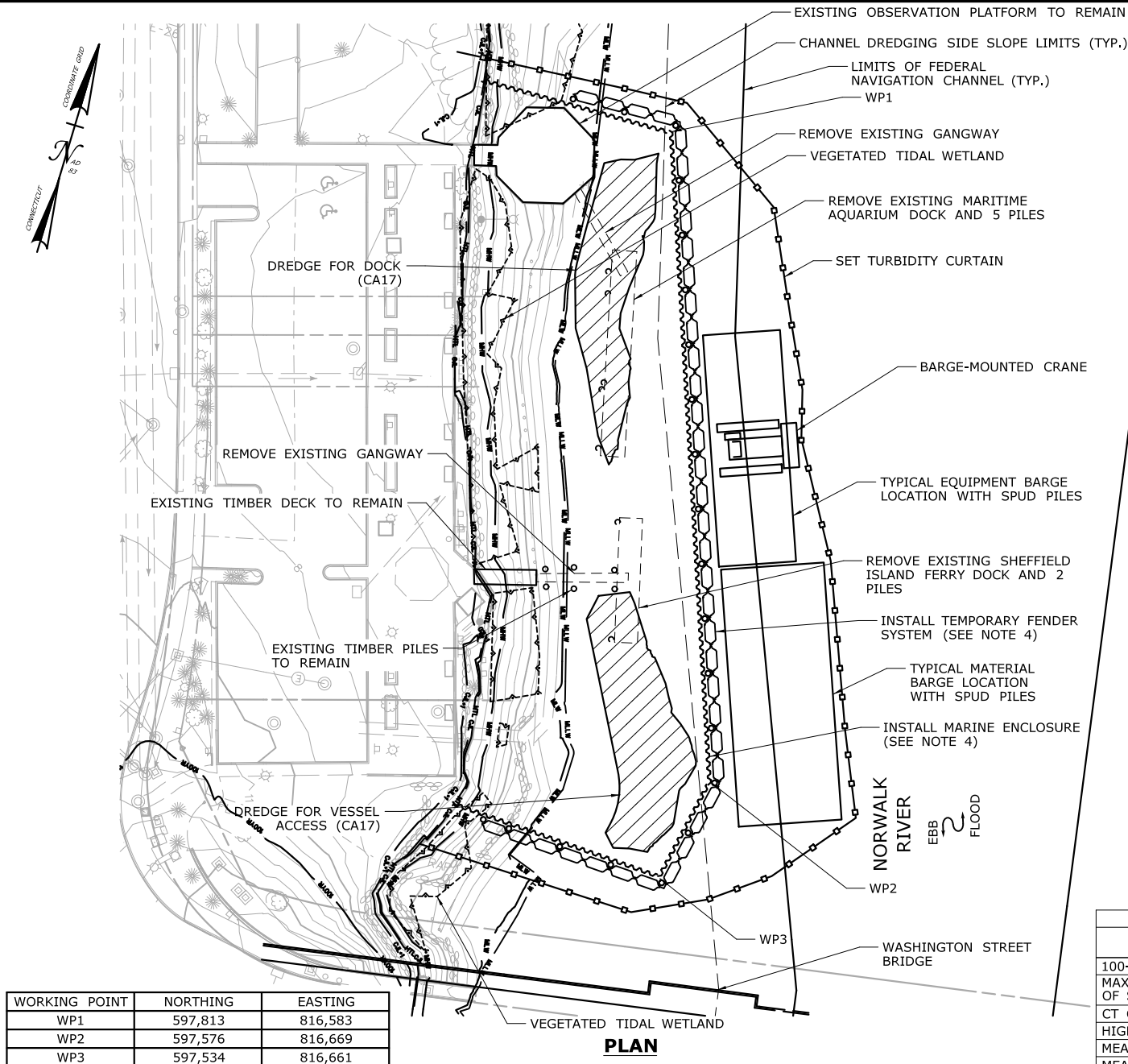
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA2-4



WORKING POINT	NORTHING	EASTING
WP1	597,813	816,583
WP2	597,576	816,669
WP3	597,534	816,661

SCALE:

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

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO RELOCATE THE VESSEL DOCKS WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	REMOVE MARITIME AQUARIUM AND SHEFFIELD ISLAND FERRY DOCKS AND GANGWAYS.
X	SET TURBIDITY CURTAIN AND REMOVE EXISTING PILES.
X	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM. DREDGE FOR VESSEL ACCESS TO DOCK (SEE ACTIVITY 17).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	INSTALL PILES FOR NEW DOCK.
	RELOCATE MARITIME AQUARIUM AND SHEFFIELD ISLAND FERRY GANGWAYS. INSTALL NEW PERMANENT DOCK AND GANGWAY.

NOTES:

- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- ALL FENDER, PERMANENT AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM WILL ONLY BE REQUIRED IF DREDGING OCCURS OUTSIDE THE MONTHS OF DECEMBER AND JANUARY.
- TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

TOWN:

NORWALK

PROJECT NO.:

0301-0176

DRAWING TITLE:

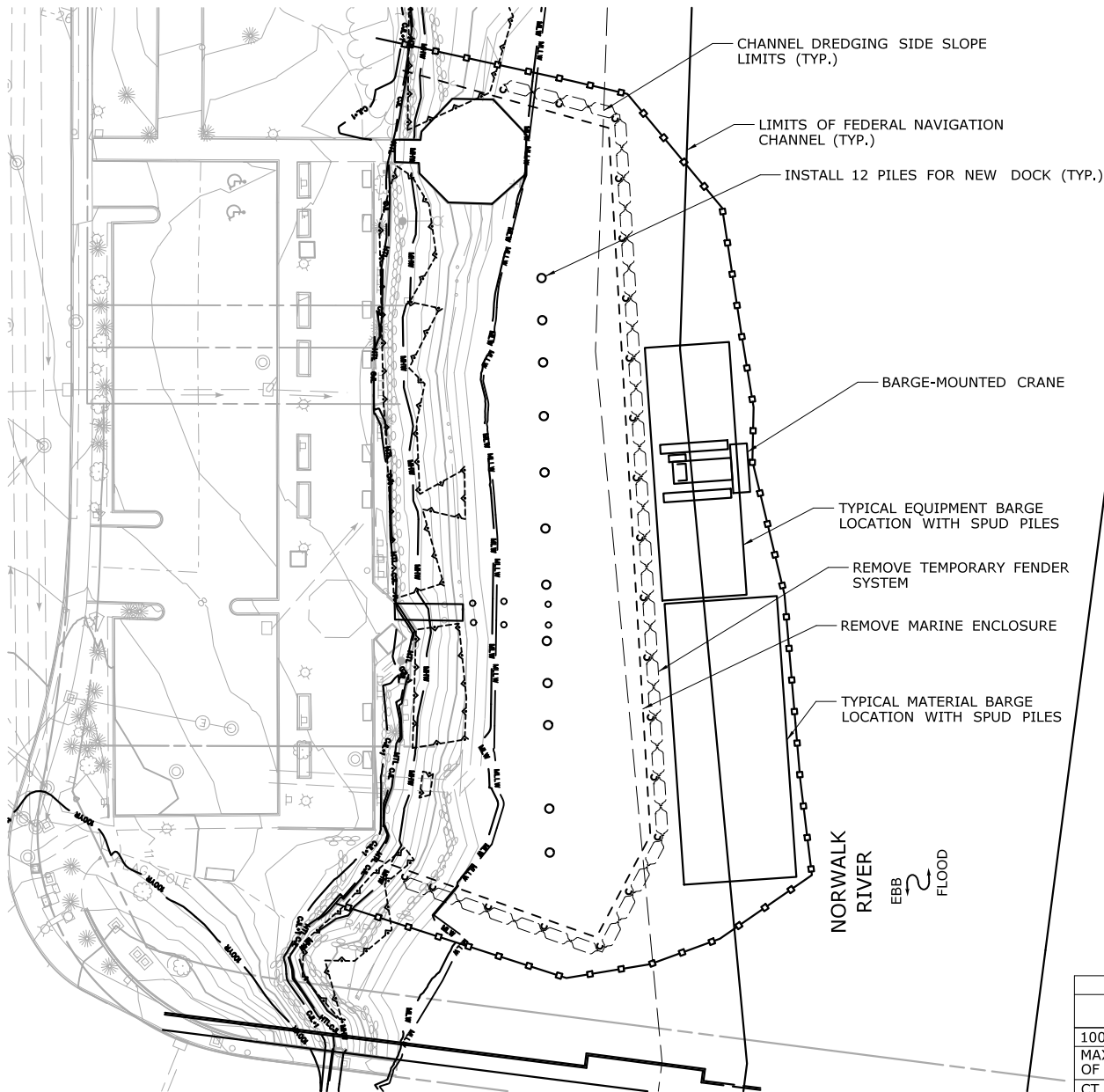
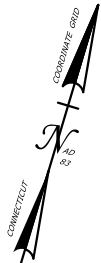
ACTIVITY 3
VESSEL RELOCATION
(SHEET 1 OF 4)

DATE:

REV 02-23-21

DRAWING NO.:

CA3-1



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO RELOCATE THE VESSEL DOCKS WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	REMOVE MARITIME AQUARIUM AND SHEFFIELD ISLAND FERRY DOCKS AND GANGWAYS.
	SET TURBIDITY CURTAIN AND REMOVE EXISTING PILES.
	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM. DREDGE FOR VESSEL ACCESS TO DOCK (SEE ACTIVITY 17).
X	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
X	INSTALL PILES FOR NEW DOCK.
	RELOCATE MARITIME AQUARIUM AND SHEFFIELD ISLAND FERRY GANGWAYS. INSTALL NEW PERMANENT DOCK AND GANGWAY.

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. ALL FENDER, PERMANENT AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.
3. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
4. DREDGING LIMITS NOT SHOWN FOR CLARITY (SEE ACTIVITY 17).
5. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

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

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5

TOWN:

NORWALK

DRAWING TITLE:

ACTIVITY 3
VESSEL RELOCATION
(SHEET 2 OF 4)

PROJECT NO.:

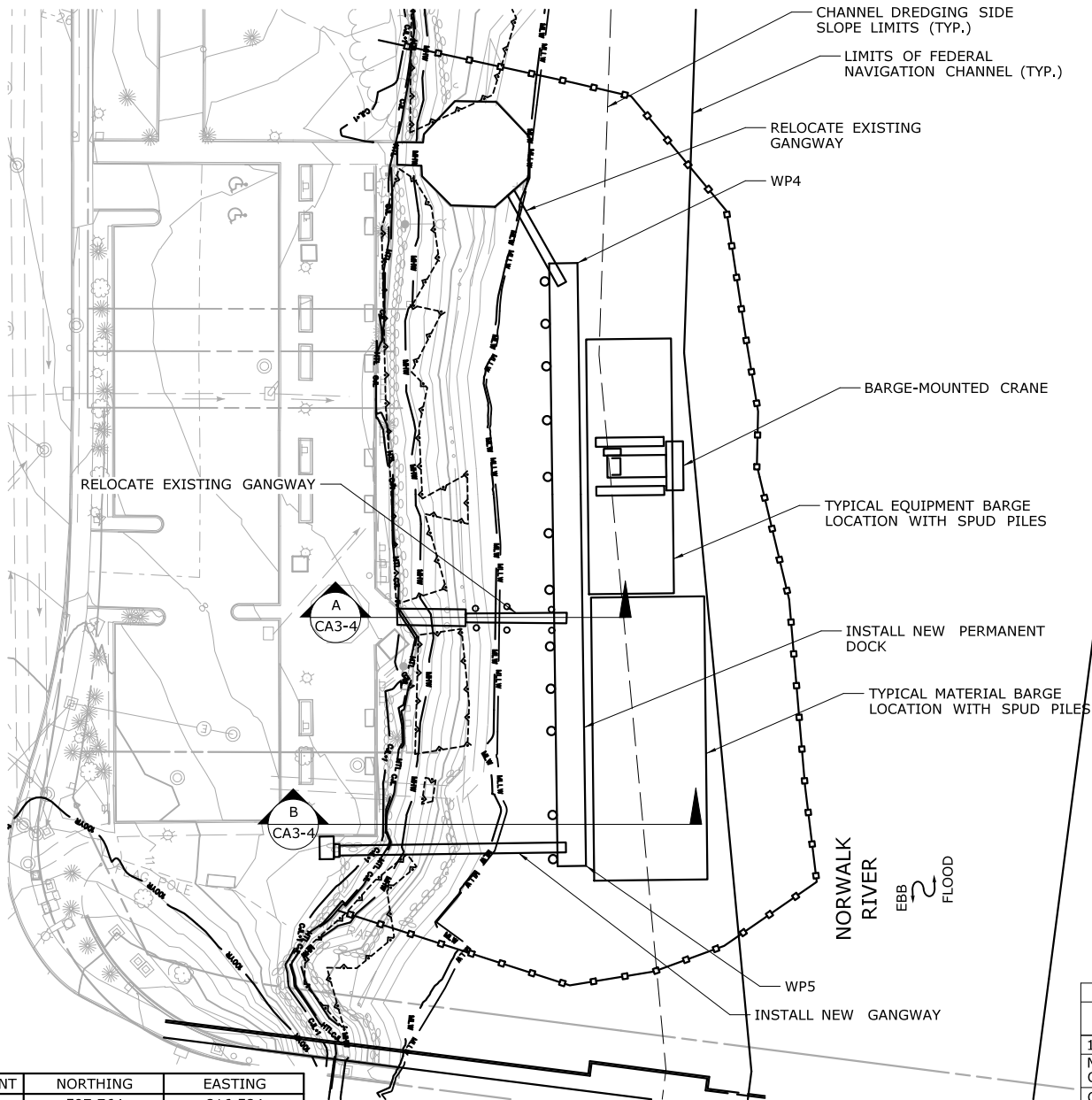
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA3-2



PLAN

WORKING POINT	NORTHING	EASTING
WP4	597,764	816,584
WP5	597,561	816,648

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO RELOCATE THE VESSEL DOCKS WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	REMOVE MARITIME AQUARIUM AND SHEFFIELD ISLAND FERRY DOCKS AND GANGWAYS.
	SET TURBIDITY CURTAIN AND REMOVE EXISTING PILES.
	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM. DREDGE FOR VESSEL ACCESS TO DOCK (SEE ACTIVITY 17).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	INSTALL PILES FOR NEW DOCK.
X	RELOCATE MARITIME AQUARIUM AND SHEFFIELD ISLAND FERRY GANGWAYS. INSTALL NEW PERMANENT DOCK AND GANGWAY.

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. ALL FENDER, PERMANENT AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.
3. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
4. DREDGING LIMITS NOT SHOWN FOR CLARITY (SEE ACTIVITY 17).
5. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

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

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5

TOWN:

NORWALK

DRAWING TITLE:

ACTIVITY 3
VESSEL RELOCATION
(SHEET 3 OF 4)

PROJECT NO.:

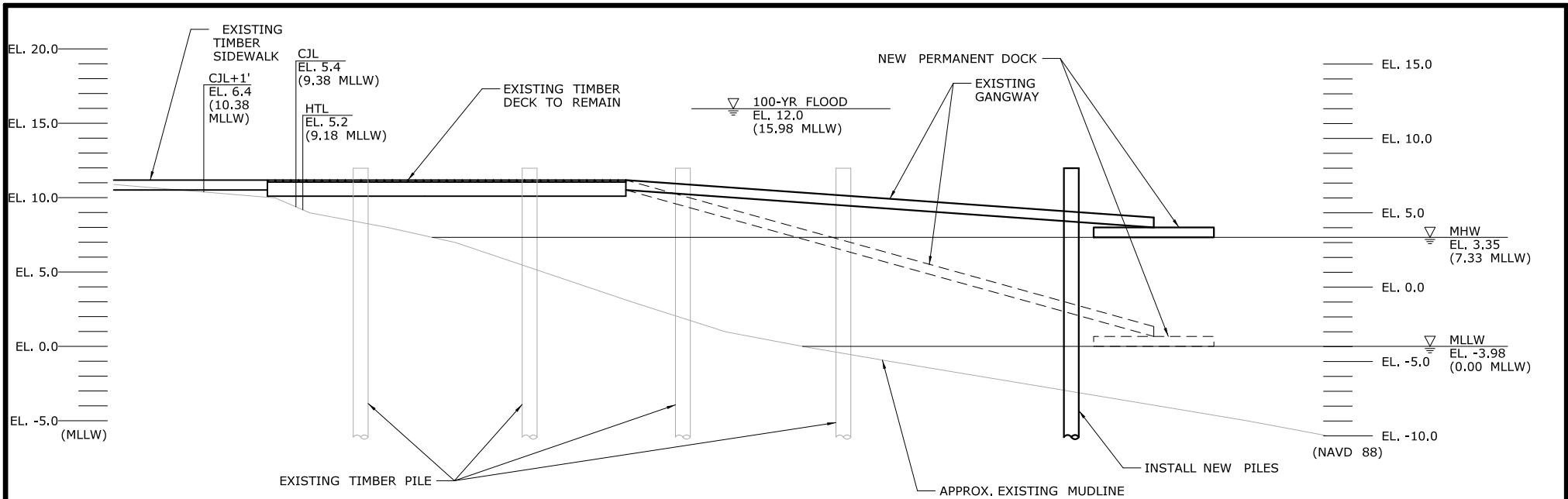
0301-0176

DATE:

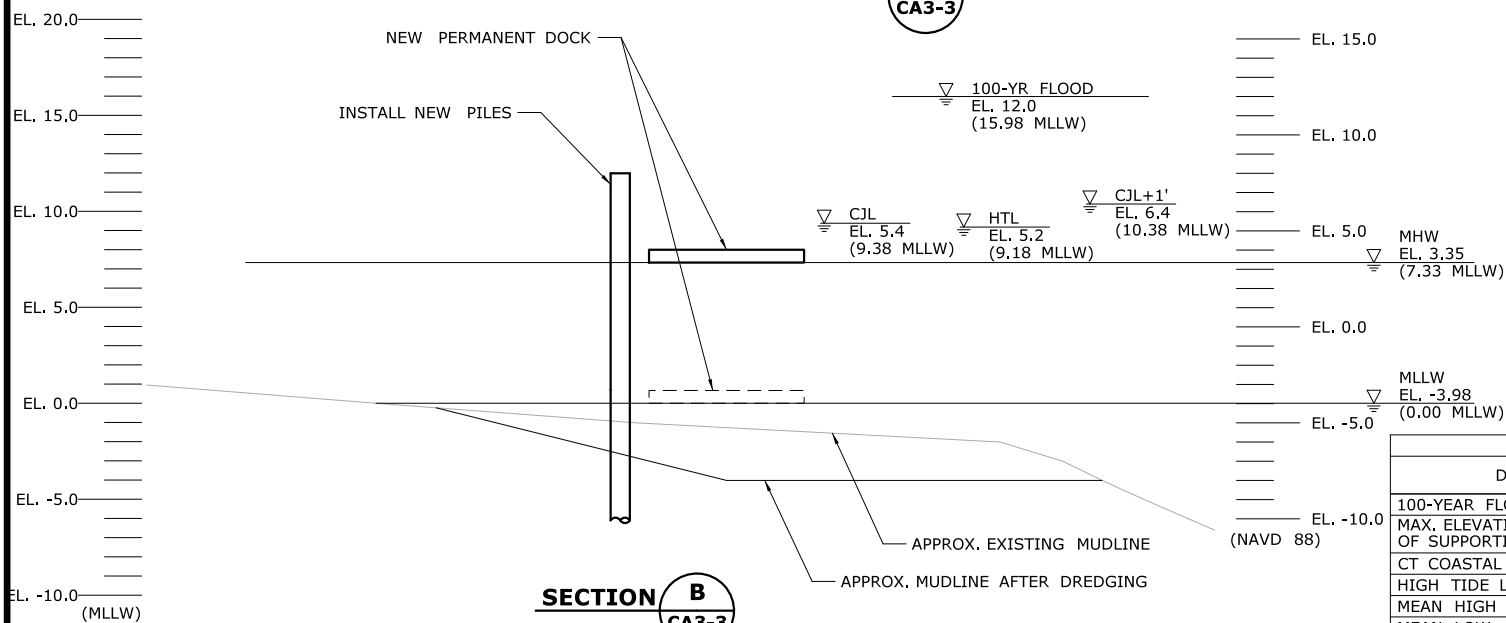
REV 02-23-21

DRAWING NO.:

CA3-3



SECTION A
CA3-3



SECTION B
CA3-3

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. ALL FENDER, PERMANENT AND SPUD PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PILES.
3. APPROXIMATE DREDGED RIVER BOTTOM AND SIDE SLOPES SHOW. SEE ACTIVITY 17 FOR COMPLETE DREDGING LIMITS.
4. EXISTING GANGWAYS WILL BE TEMPORARILY REMOVED AND RELOCATED TO THEIR PERMANENT LOCATIONS AS NOTED.
5. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

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

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 3
VESSEL RELOCATION
(SHEET 4 OF 4)**

PROJECT NO.:

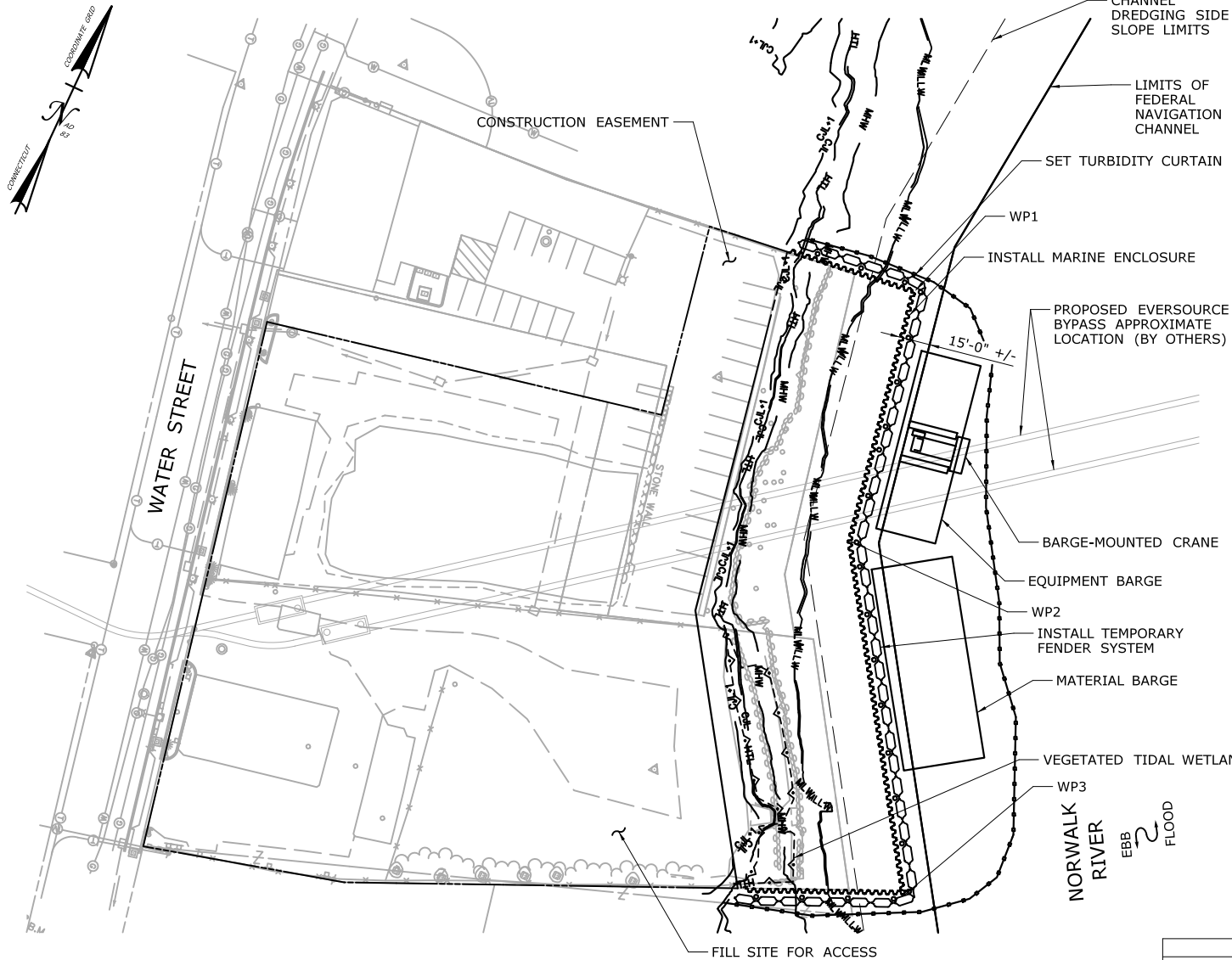
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA3-4



PLAN

WORKING POINT	NORTHING	EASTING
WP1	597,207	816,710
WP2	597,082	816,734
WP3	596,936	816,831

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES RELATED TO TEMPORARY AND PERMANENT IMPROVEMENTS AT THE MARINE STAGING YARD WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	FILL SITE FOR ACCESS.
X	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
X	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	INSTALL BULKHEAD, REMOVE DERELICT PILES AND DREDGE TO EL. -11 (MIN.) (-7.02 MLLW) (SEE ACTIVITY 17).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM, DRIVE PILES FOR DOCKS.
	REMOVE TURBIDITY CURTAIN. SET DOCKS AND GANGWAYS.
	SET TURBIDITY CURTAIN, REMOVE DOCKS, GANGWAYS AND PILES.

NOTES:

- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- ALL PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
- MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM WILL ONLY BE REQUIRED IF DREDGING OCCURS OUTSIDE THE MONTHS OF DECEMBER AND JANUARY.
- LIMITS OF TEMPORARY FENDER SYSTEM AND TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH THE USCG.
- FOR TYPICAL FILL SECTION, SEE DWG. CA4-6.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 40 80
SCALE 1"=80'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 4
MARINE STAGING YARD
(SHEET 1 OF 6)**

PROJECT NO.:

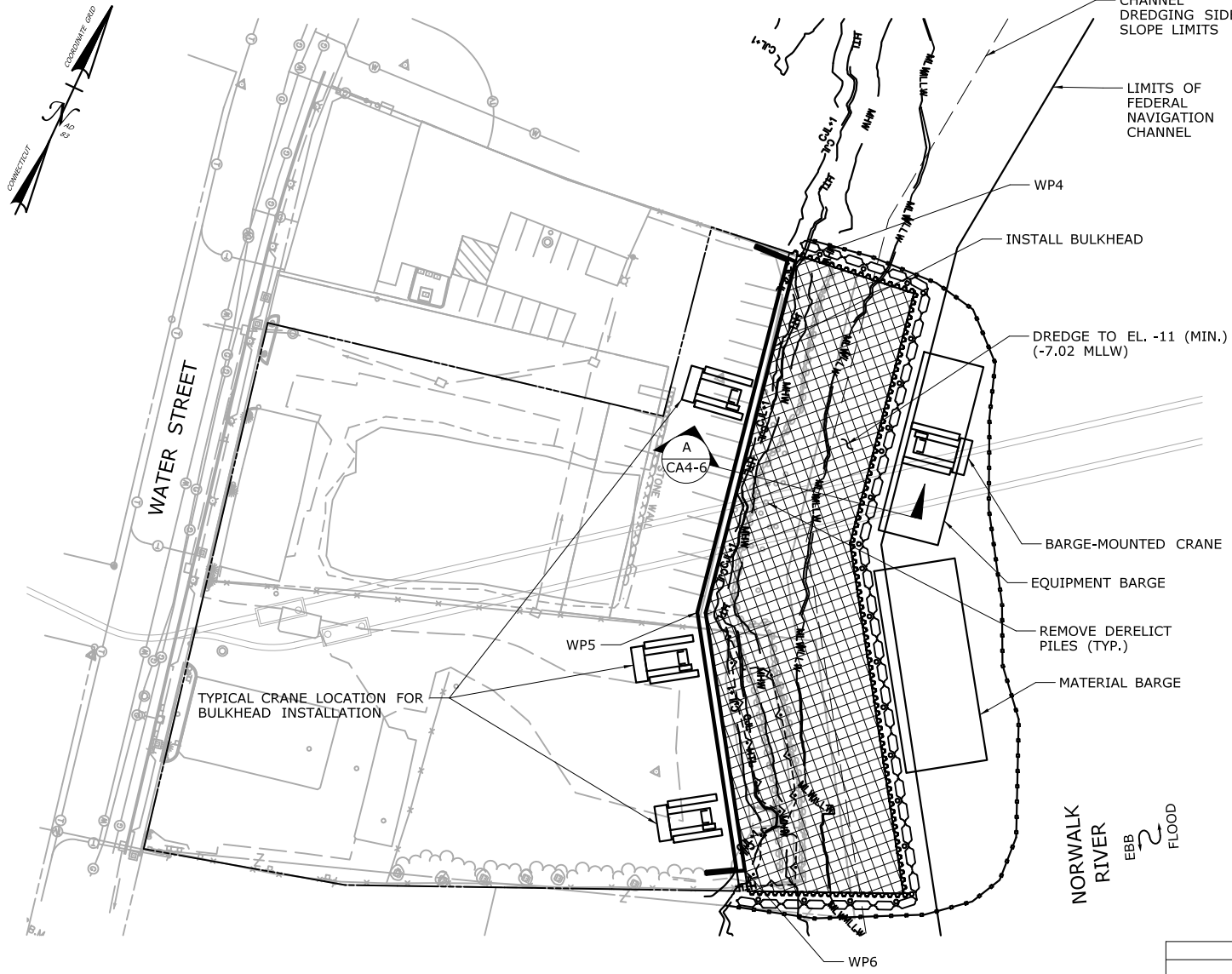
0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA4-1



WORKING POINT	NORTHING	EASTING
WP4	597,195	816,650
WP5	597,020	816,683
WP6	596,914	816,753

PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES RELATED TO TEMPORARY AND PERMANENT IMPROVEMENTS AT THE MARINE STAGING YARD WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

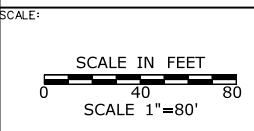
	FILL SITE FOR ACCESS.
	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
X	INSTALL BULKHEAD, REMOVE DERELICT PILES AND DREDGE TO EL. -11 (MIN.) (-7.02 MLLW) (SEE ACTIVITY 17).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM, DRIVE PILES FOR DOCKS.
	REMOVE TURBIDITY CURTAIN. SET DOCKS AND GANGWAYS.
	SET TURBIDITY CURTAIN, REMOVE DOCKS, GANGWAYS AND PILES.

NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
4. ALL PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
5. TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
6. MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM WILL ONLY BE REQUIRED IF DREDGING OCCURS OUTSIDE THE MONTHS OF DECEMBER AND JANUARY.
7. LIMITS OF TEMPORARY FENDER SYSTEM AND TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH THE USCG.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

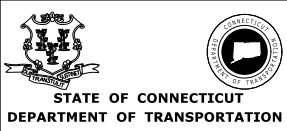


DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

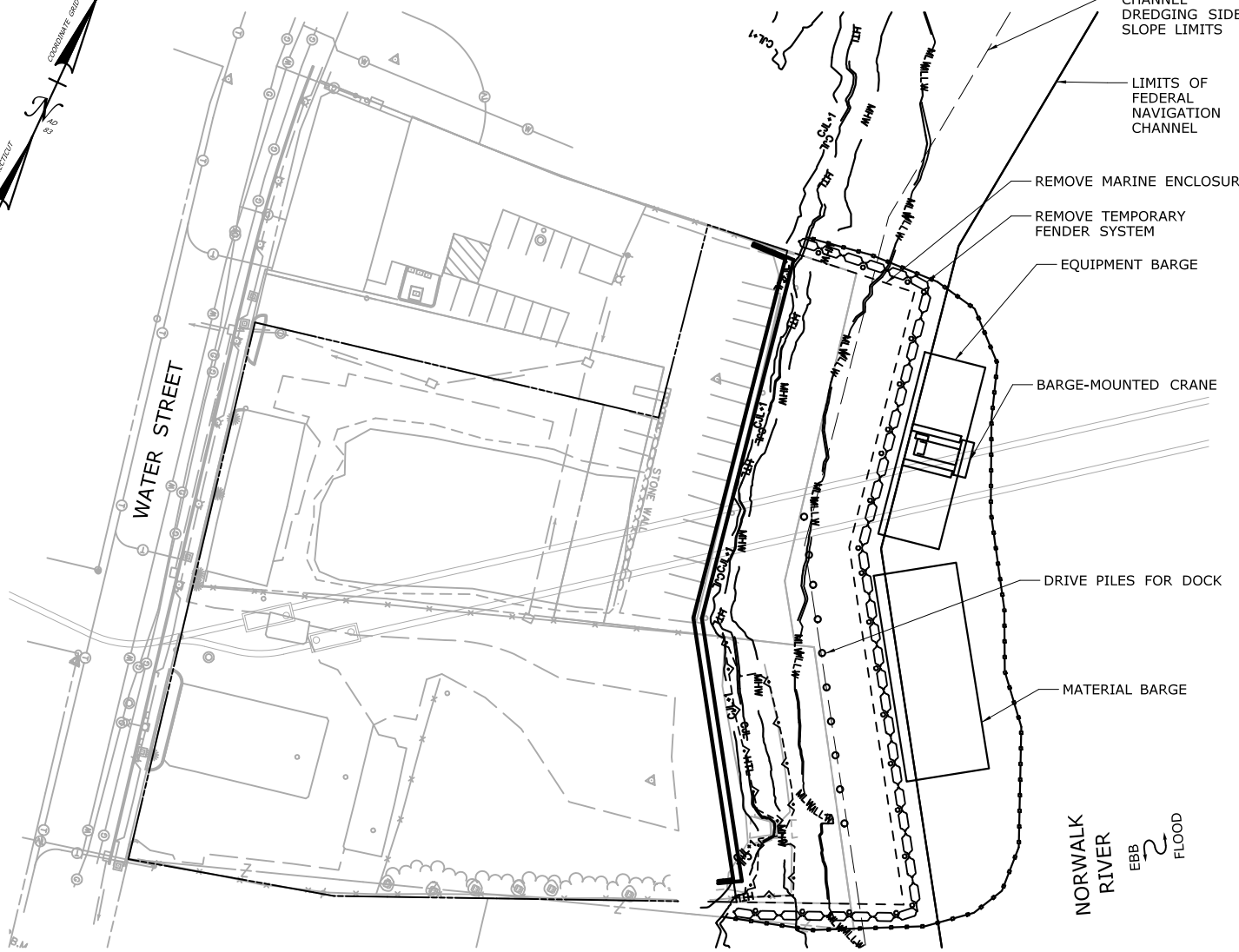
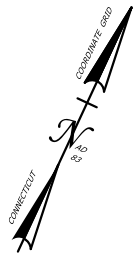
TOWN:
NORWALK

DRAWING TITLE:
**ACTIVITY 4
MARINE STAGING YARD
(SHEET 2 OF 6)**

PROJECT NO.:
0301-0176

DATE:
REV 02-23-21

DRAWING NO.:
CA4-2



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES RELATED TO TEMPORARY AND PERMANENT IMPROVEMENTS AT THE MARINE STAGING YARD WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	FILL SITE FOR ACCESS.
	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	INSTALL BULKHEAD, REMOVE DERELICT PILES AND DREDGE TO EL. -11 (MIN.) (-7.02 MLLW) (SEE ACTIVITY 17).
X	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM, DRIVE PILES FOR DOCKS.
	REMOVE TURBIDITY CURTAIN. SET DOCKS AND GANGWAYS.
	SET TURBIDITY CURTAIN, REMOVE DOCKS, GANGWAYS AND PILES.

NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
4. ALL PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
5. MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM WILL ONLY BE REQUIRED IF DREDGING OCCURS OUTSIDE THE MONTHS OF DECEMBER AND JANUARY.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 40 80
SCALE 1"=80'

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 4
MARINE STAGING YARD
(SHEET 3 OF 6)**

PROJECT NO.:

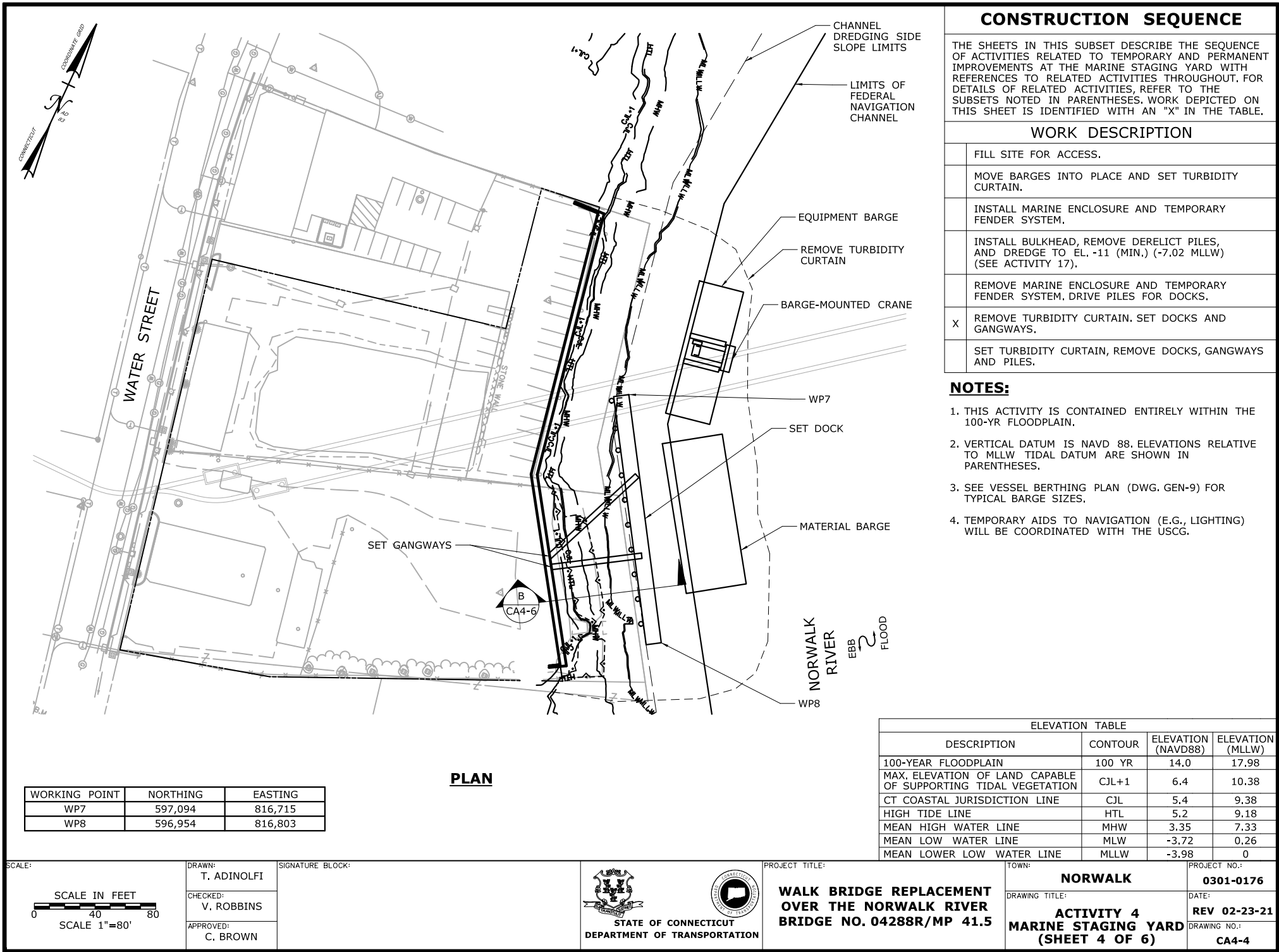
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA4-3



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES RELATED TO TEMPORARY AND PERMANENT IMPROVEMENTS AT THE MARINE STAGING YARD WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	FILL SITE FOR ACCESS.
	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	INSTALL BULKHEAD, REMOVE DERELICT PILES, AND DREDGE TO EL. -11 (MIN.) (-7.02 MLLW) (SEE ACTIVITY 17).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM, DRIVE PILES FOR DOCKS.
X	REMOVE TURBIDITY CURTAIN. SET DOCKS AND GANGWAYS.
	SET TURBIDITY CURTAIN, REMOVE DOCKS, GANGWAYS AND PILES.

NOTES:

- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH THE USCG.

WORKING POINT	NORTHING	EASTING
WP7	597,094	816,715
WP8	596,954	816,803

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 40 80
SCALE 1"=80'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

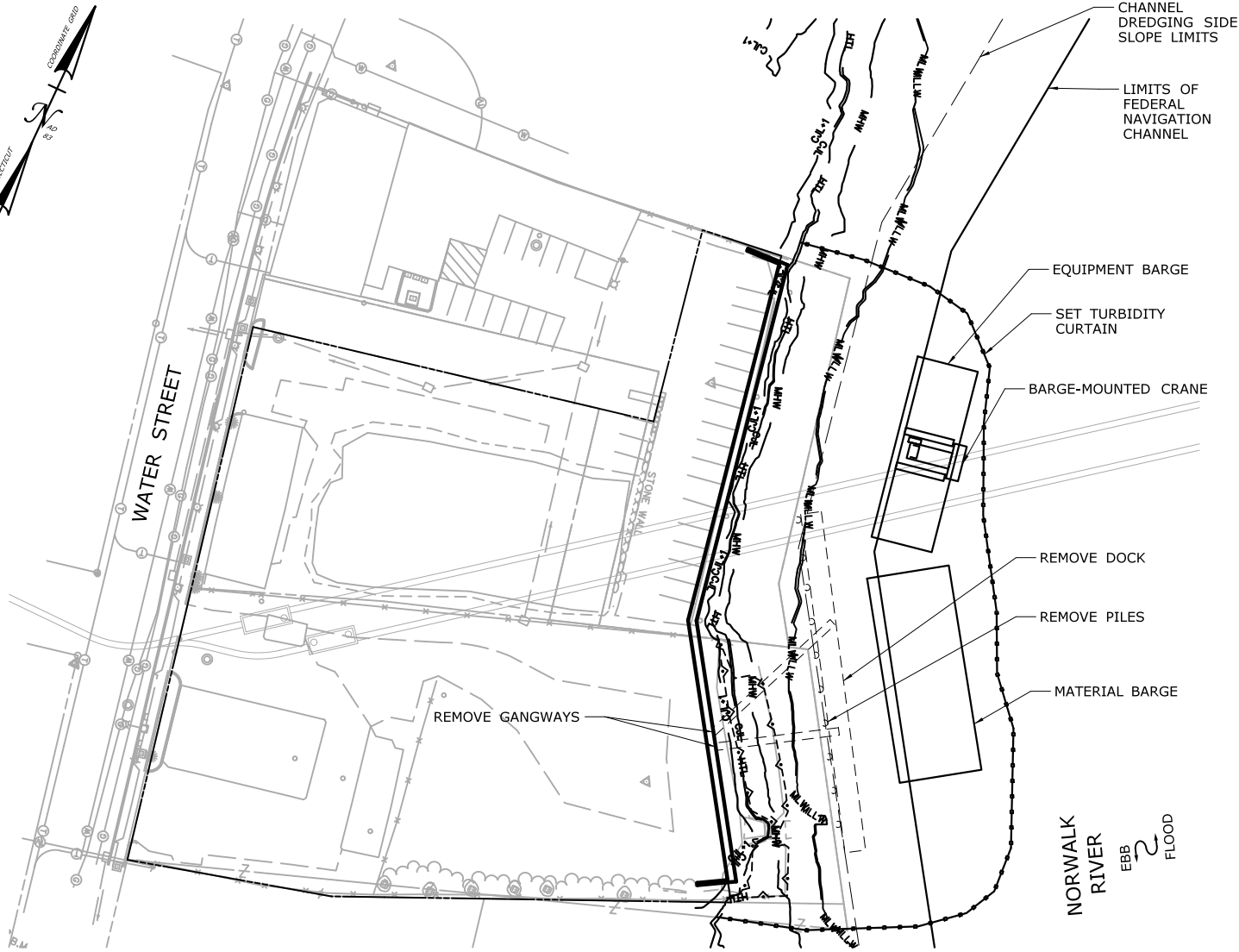
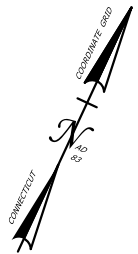
TOWN:
NORWALK

DRAWING TITLE:
**ACTIVITY 4
MARINE STAGING YARD
(SHEET 4 OF 6)**

PROJECT NO.:
0301-0176

DATE:
REV 02-23-21

DRAWING NO.:
CA4-4



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES RELATED TO TEMPORARY AND PERMANENT IMPROVEMENTS AT THE MARINE STAGING YARD WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	FILL SITE FOR ACCESS.
	MOVE BARGES INTO PLACE AND SET TURBIDITY CURTAIN.
	INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM.
	INSTALL BULKHEAD, REMOVE DERELICT PILES, AND DREDGE TO EL. -11 (MIN.) (-7.02 MLLW) (SEE ACTIVITY 17).
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM, DRIVE PILES FOR DOCKS.
	REMOVE TURBIDITY CURTAIN. SET DOCKS AND GANGWAYS.
X	SET TURBIDITY CURTAIN, REMOVE DOCKS, GANGWAYS AND PILES.

NOTES:

- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- ALL PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 40 80
SCALE 1"=80'

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5

TOWN:

NORWALK

DRAWING TITLE:

ACTIVITY 4
MARINE STAGING YARD
(SHEET 5 OF 6)

PROJECT NO.:

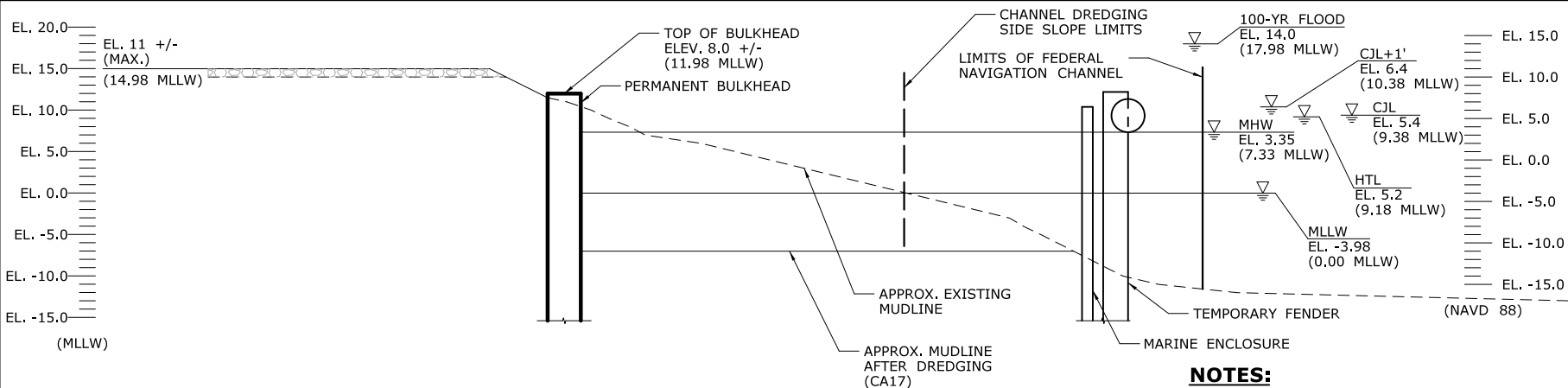
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

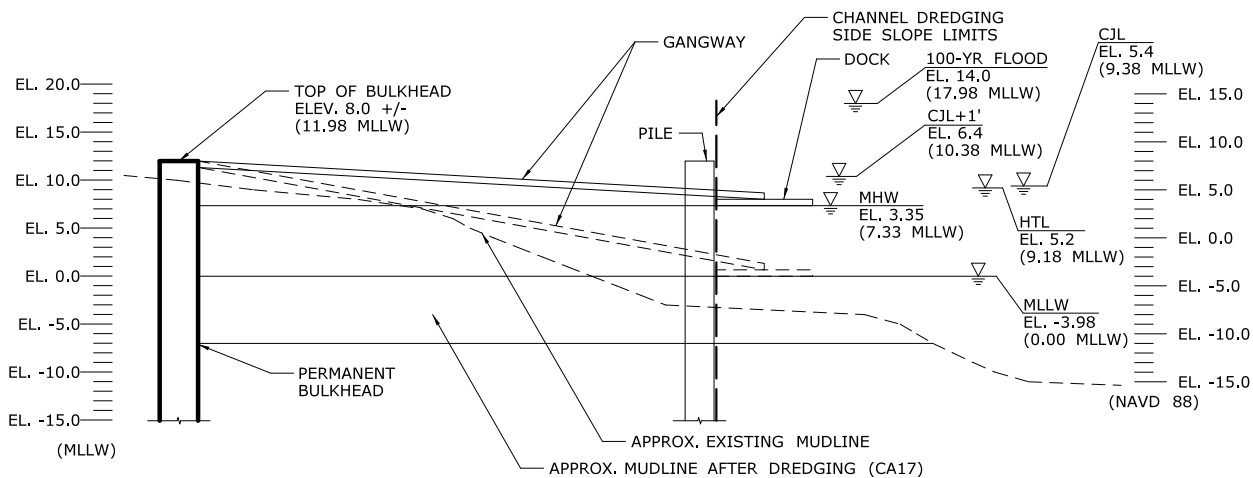
CA4-5



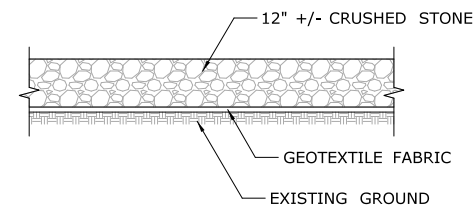
SECTION A
CA4-2

NOTES:

1. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
4. MARINE ENCLOSURE WILL ONLY BE REQUIRED IF DREDGING OCCURS OUTSIDE THE MONTHS OF DECEMBER AND JANUARY.
5. SITE TO BE RESTORED UPON COMPLETION. PVIOUS SURFACES WILL BE TREATED WITH APPROPRIATE FERTILIZERS AND MULCH IN ACCORDANCE WITH THE CTDEEP GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
6. SEE ACTIVITY 17 FOR COMPLETE DREDGING LIMITS.



SECTION B
CA4-4



TYPICAL FILL SECTION
NOT TO SCALE

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 10 20
SCALE 1"=20'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:

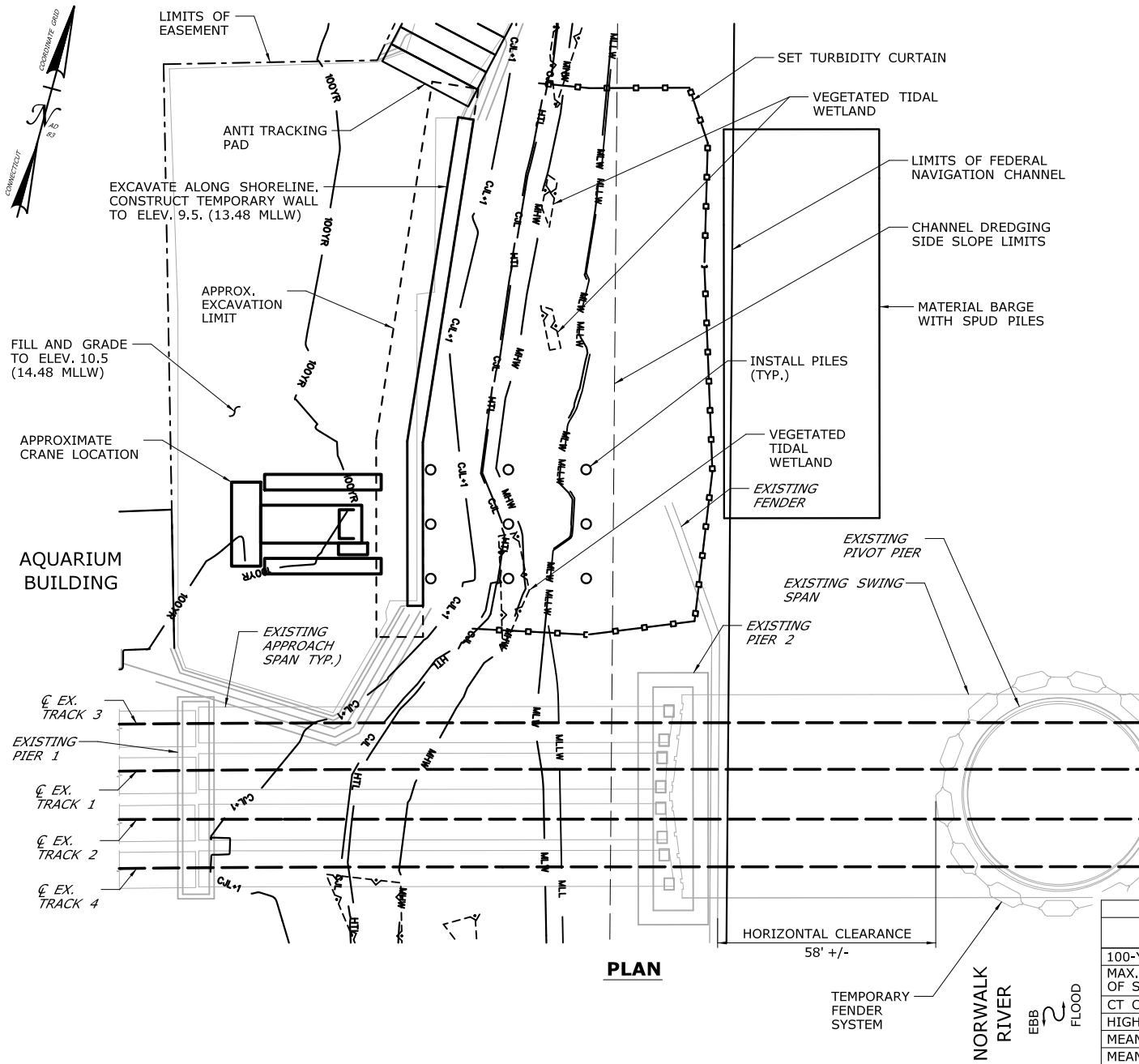


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 4
MARINE STAGING YARD
(SHEET 6 OF 6)**
PROJECT NO.:
0301-0176
DATE:
REV 02-23-21
DRAWING NO.:
CA4-6



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

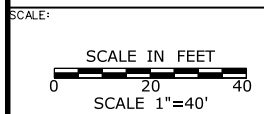
X	SET TURBIDITY CURTAIN. EXCAVATE ALONG SHORELINE.
X	CONSTRUCT TEMPORARY WALL TO SUPPORT EDGE OF PLATFORM.
X	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN. REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
	REMOVE TEMPORARY WALL. RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

1. SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

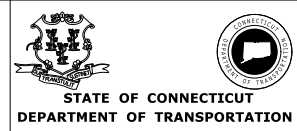
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



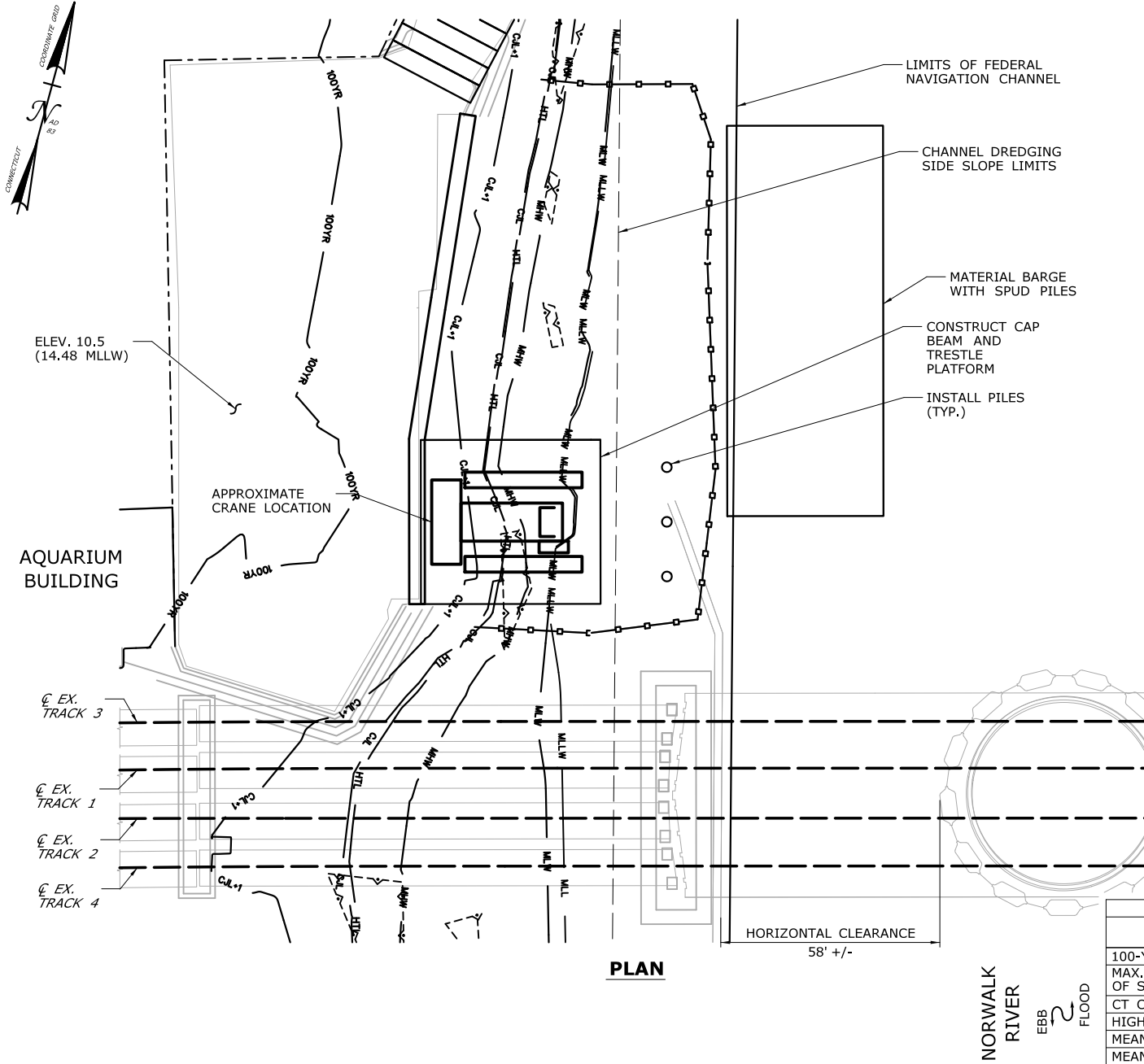
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 5
NORTHWEST TRESTLE
(SHEET 1 OF 5)**
PROJECT NO.:
0301-0176
DATE:
REV 7-31-20
DRAWING NO.:
CA5-1



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

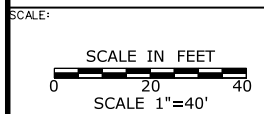
	SET TURBIDITY CURTAIN. EXCAVATE ALONG SHORELINE.
	CONSTRUCT TEMPORARY WALL TO SUPPORT EDGE OF PLATFORM.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
X	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN. REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
	REMOVE TEMPORARY WALL. RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM IS ELEV. 10.5 (14.48 MLLW).
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

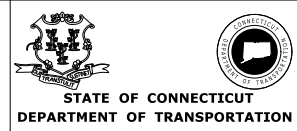


DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 5
NORTHWEST TRESTLE
(SHEET 2 OF 5)**

PROJECT NO.:

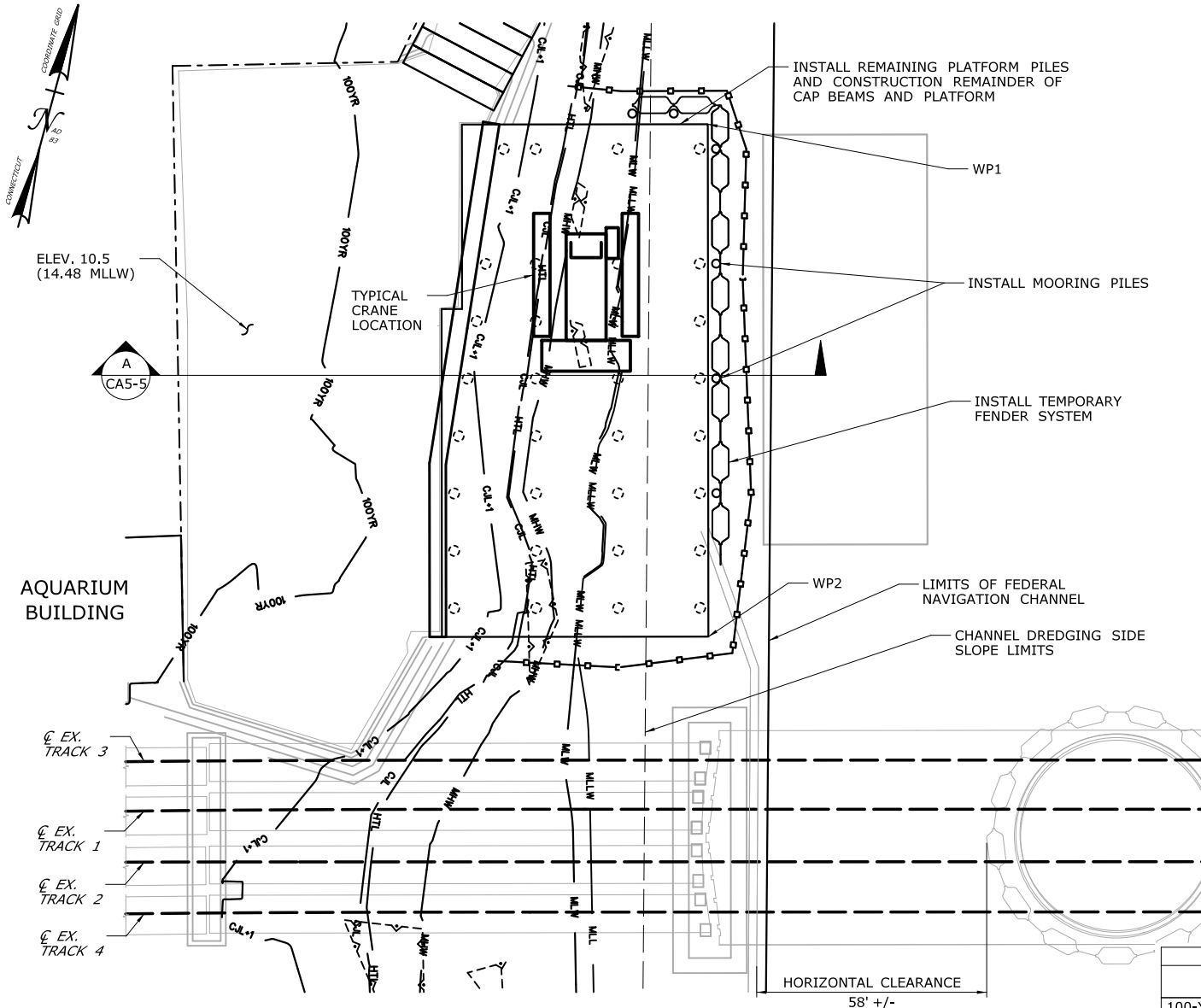
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA5-2



WORKING POINT	NORTHING	EASTING
WP1	598,177	816,499
WP2	598,057	816,532

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN. EXCAVATE ALONG SHORELINE.
	CONSTRUCT TEMPORARY WALL TO SUPPORT EDGE OF PLATFORM.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
X	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN. REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
	REMOVE TEMPORARY WALL. RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM IS ELEV. 10.5 (14.48 MLLW).
- LIMITS OF TEMPORARY FENDER SYSTEM AND TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH USCG.
- FOLLOWING COMPLETION OF ALL PILE-DRIVING ACTIVITIES AND THE TURBIDITY HAS SETTLED TO RE-CONSTRUCTION CONDITIONS, THE TURBIDITY CURTAIN WILL BE REMOVED.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 5
NORTHWEST TRESTLE
(SHEET 3 OF 5)**

PROJECT NO.:

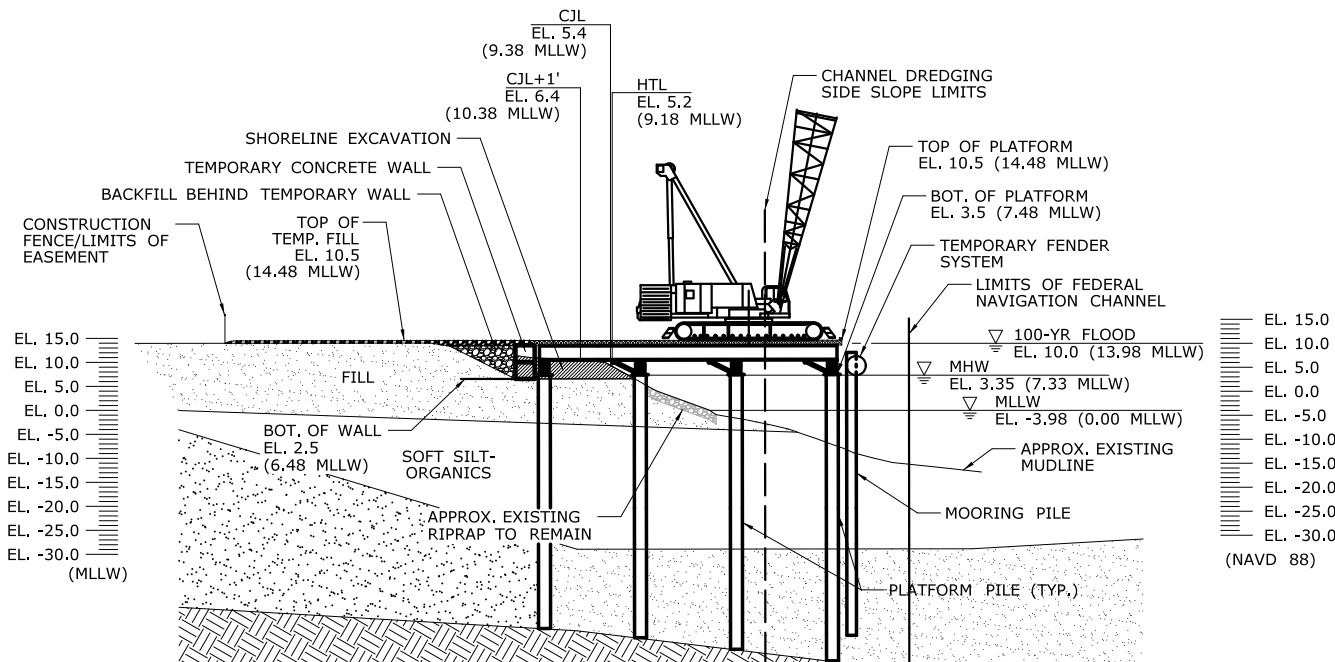
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DATE:

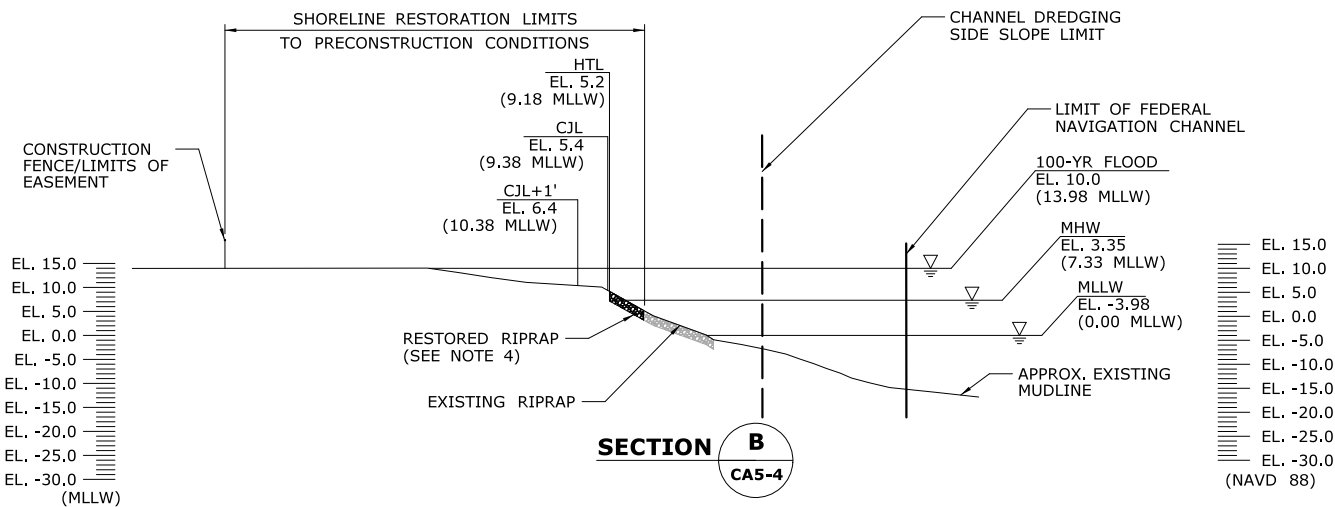
REV 7-31-20

DRAWING NO.:

CA5-3



SECTION A
CA5-3



SECTION B
CA5-4

NOTES:

1. PLATFORM SUPPORT PILES AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. WORKING SURFACE IS AT ELEVATION 10.5 (14.48 MLLW).
4. WHERE CONTRACTOR DISTURBS EXISTING RIPRAP ALONG THE SHORELINE, IT WILL BE RESTORED TO MATCH EXISTING UP TO THE HTL ELEVATION WITHIN THE LIMITS OF DISTURBANCE.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 5
NORTHWEST TRESTLE
(SHEET 5 OF 5)**

PROJECT NO.:

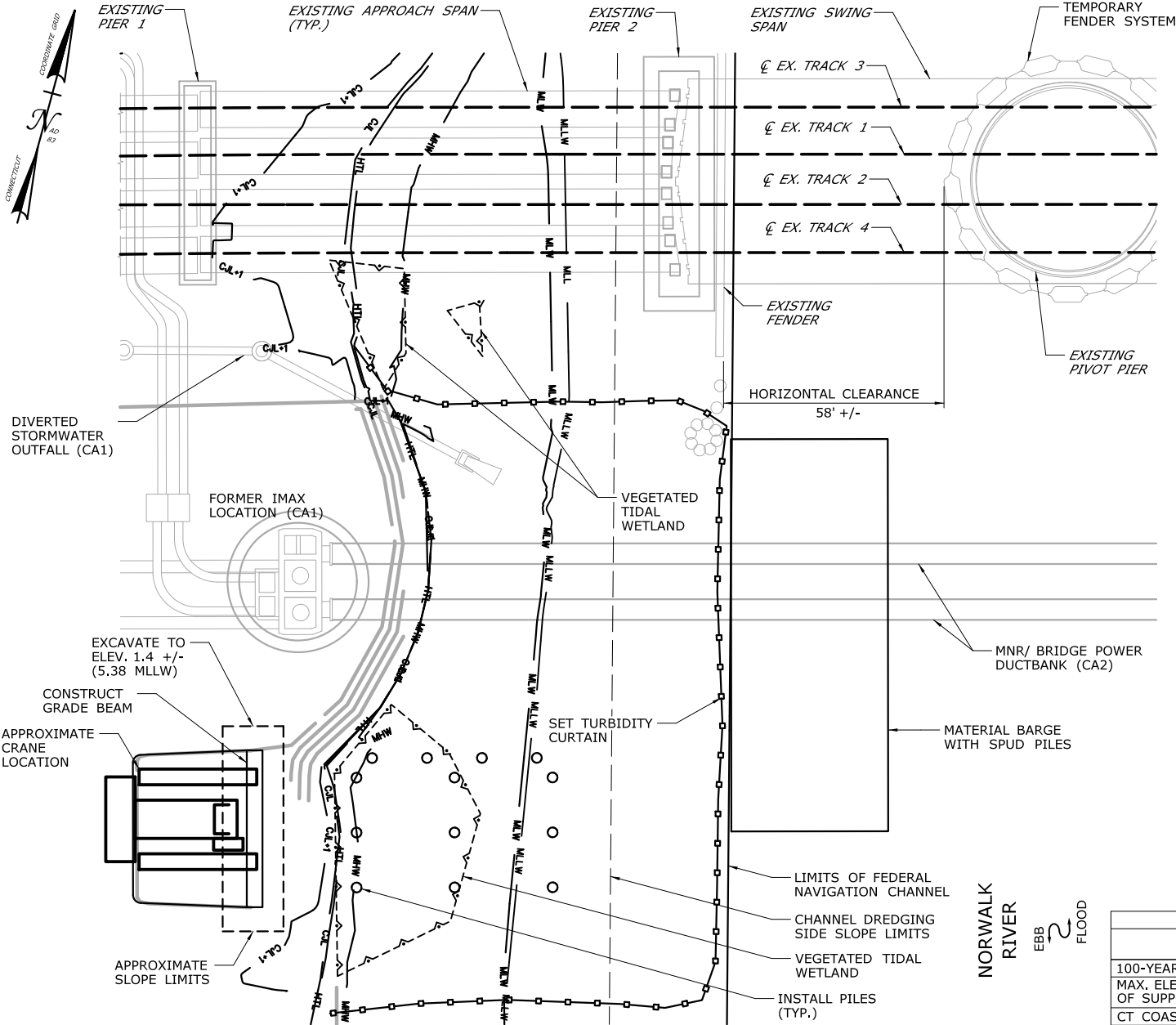
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA5-5



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

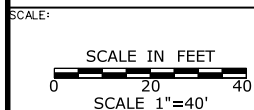
X	SET TURBIDITY CURTAIN.
X	EXCAVATE SHORELINE AT PLATFORM RAMP.
X	CONSTRUCT GRADE BEAM AND INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
	REMOVE TEMPORARY GRADE BEAM AND RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES AND PLATFORM SUPPORT PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 6
SOUTHWEST TRESTLE
(SHEET 1 OF 5)**

PROJECT NO.:

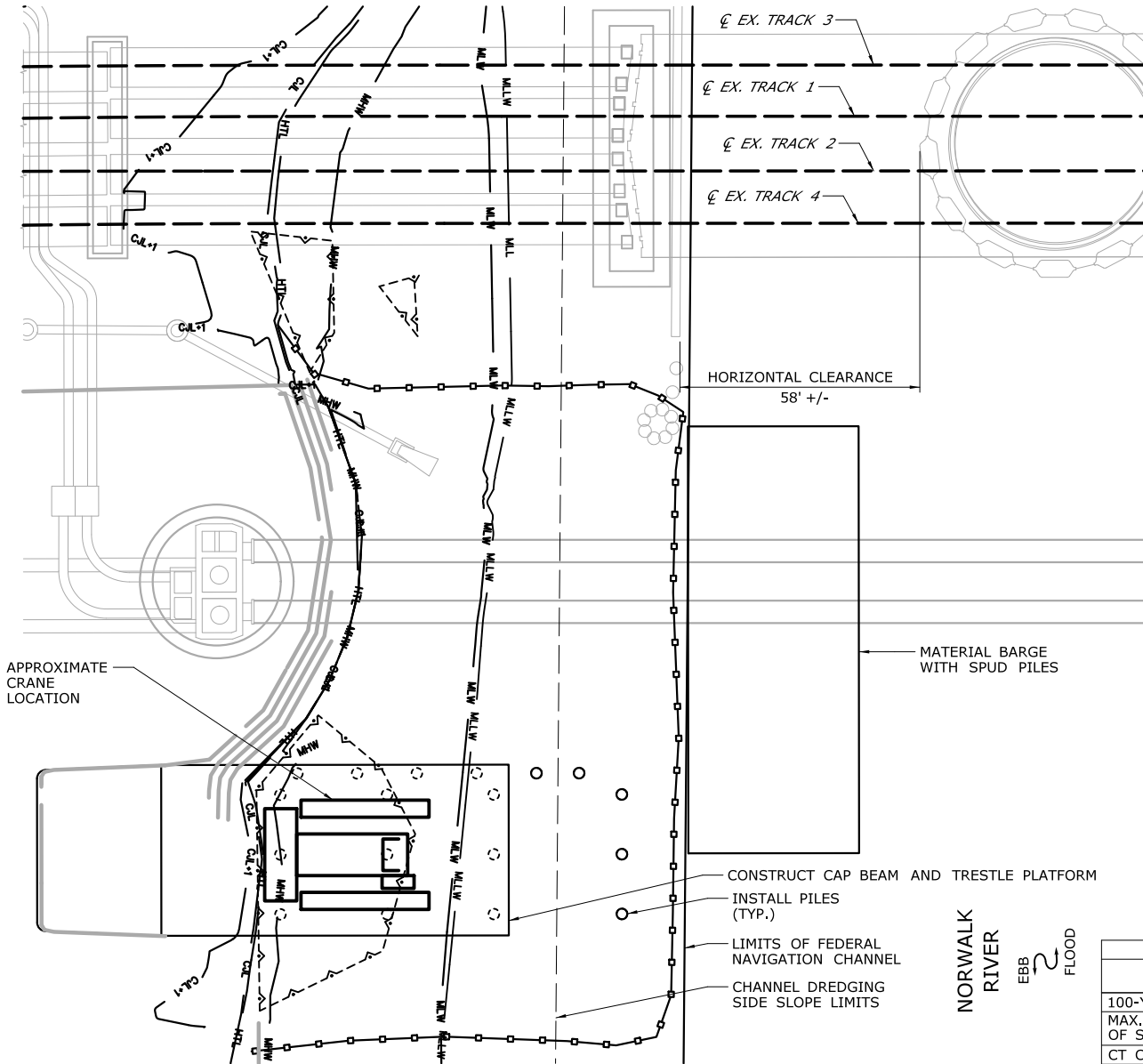
0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA6-1



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN.
	EXCAVATE SHORELINE AT PLATFORM RAMP.
	CONSTRUCT GRADE BEAM AND INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
X	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
	REMOVE TEMPORARY GRADE BEAM AND RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES AND PLATFORM SUPPORT PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM IS AT ELEV. 10.66 (14.64 MLLW).
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 6
SOUTHWEST TRESTLE
(SHEET 2 OF 5)**

PROJECT NO.:

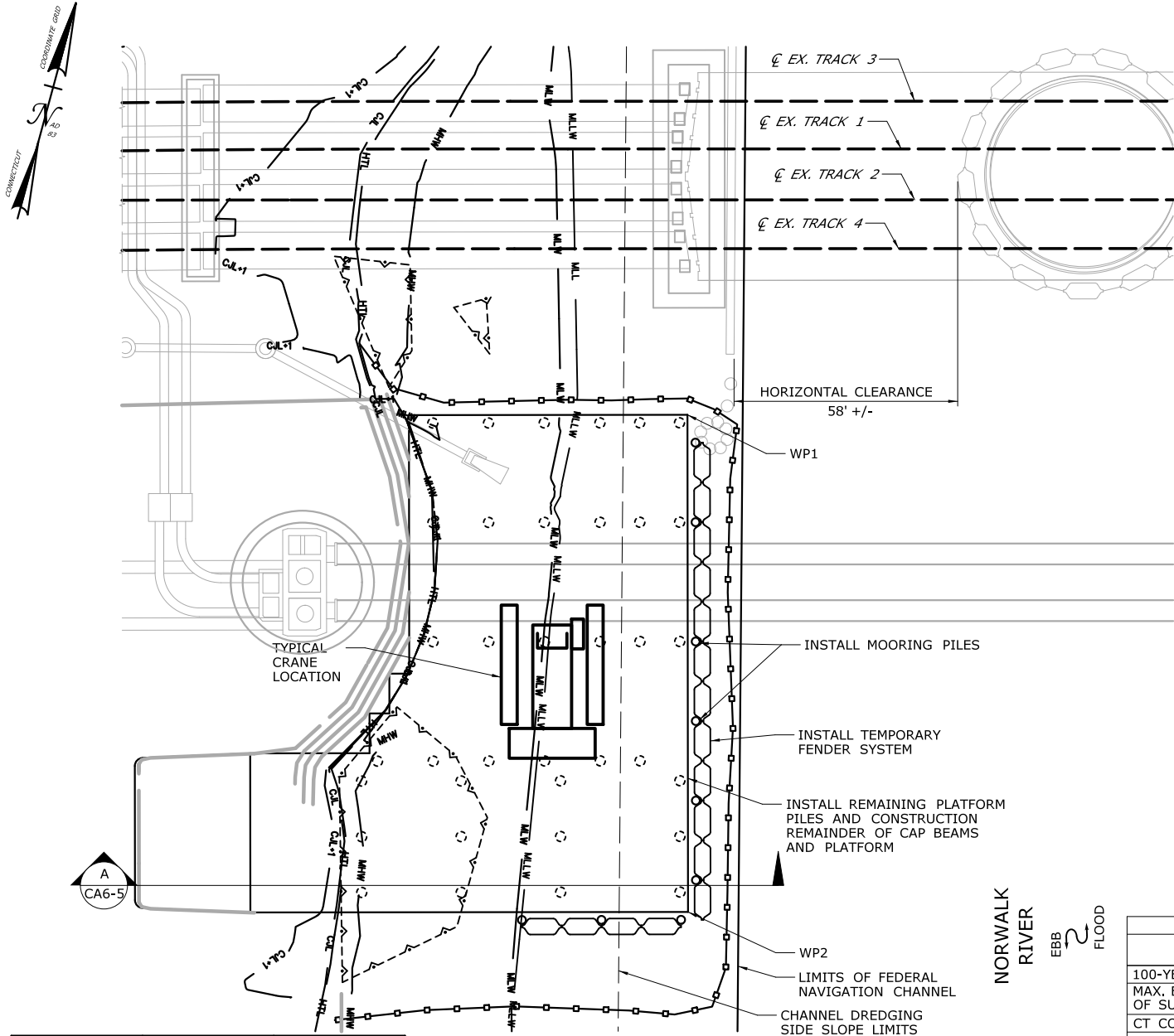
0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA6-2



WORKING POINT	NORTHING	EASTING
WP1	597,951	816,560
WP2	597,831	816,593

PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN.
	EXCAVATE SHORELINE AT PLATFORM RAMP.
	CONSTRUCT GRADE BEAM AND INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
X	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
	REMOVE TEMPORARY GRADE BEAM AND RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.66 (14.64 MLLW).
- FOLLOWING COMPLETION OF ALL PILE-DRIVING ACTIVITIES AND THE TURBIDITY HAS SETTLED TO THE PRE-CONSTRUCTION CONDITIONS, THE TURBIDITY CURTAIN WILL BE REMOVED.
- LIMITS OF TEMPORARY FENDER SYSTEM AND TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH THE USCG.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 6
SOUTHWEST TRESTLE
(SHEET 3 OF 5)**

PROJECT NO.:

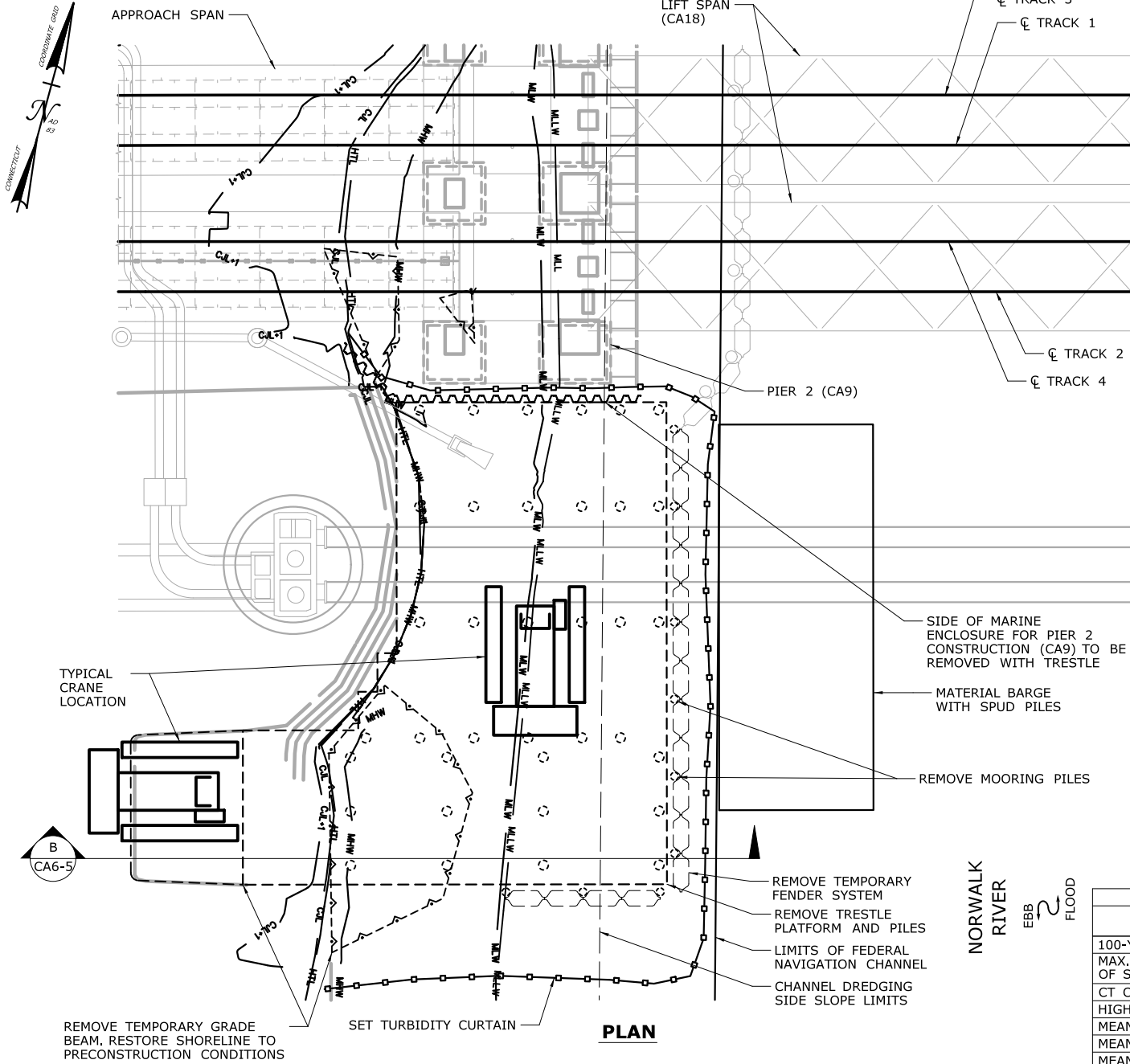
0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA6-3



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHWEST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN.
	EXCAVATE SHORELINE AT PLATFORM RAMP.
	CONSTRUCT GRADE BEAM AND INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
X	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
X	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 2.
X	REMOVE TEMPORARY GRADE BEAM AND RESTORE SHORELINE TO PRECONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.66 (14.64 MLLW).
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- SHORELINE RESTORATION TO BE CONSISTENT WITH IMAX REMOVAL RESTORATION (SEE ACTIVITY 1).
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN: T. ADINOLFI
CHECKED: V. ROBBINS
APPROVED: C. BROWN

SIGNATURE BLOCK:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

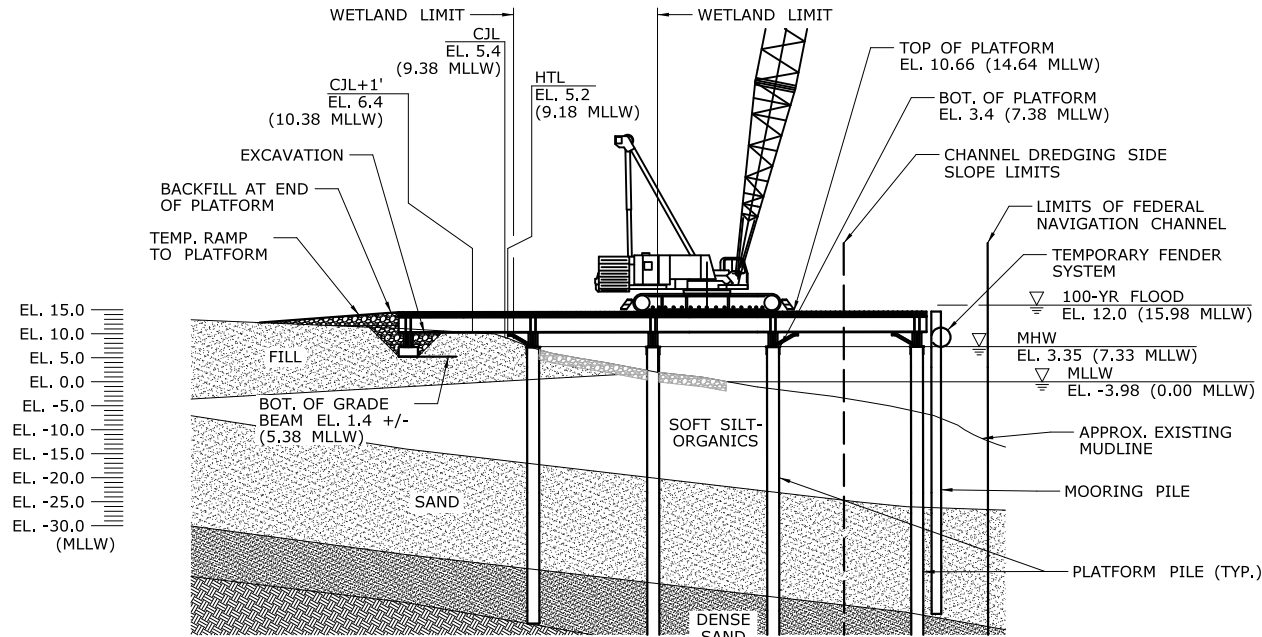
PROJECT TITLE:
WALK BRIDGE REPLACEMENT OVER THE NORWALK RIVER BRIDGE NO. 04288R/MP 41.5

TOWN: NORWALK
DRAWING TITLE: ACTIVITY 6 SOUTHWEST TRESTLE (SHEET 4 OF 5)

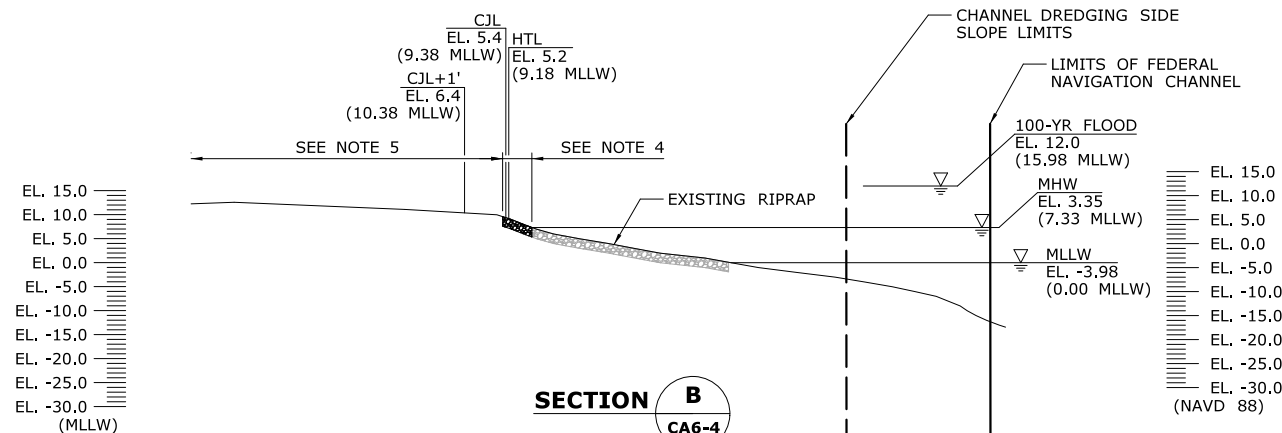
PROJECT NO.: 0301-0176
DATE: REV 05-19-21
DRAWING NO.: CA6-4

NOTES:

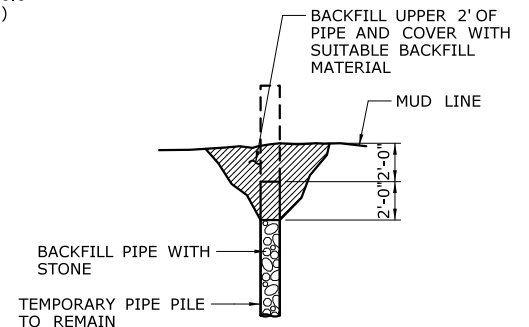
1. PLATFORM SUPPORT PILES AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. WORKING SURFACE IS AT ELEVATION 10.66 (14.64 MLLW).
4. MATCH EXISTING MATERIAL AND TREATMENT ALONG SHORELINE FOR EROSION CONTROL.
5. TREAT SLOPE ABOVE HIGH TIDE LINE WITH APPROPRIATE FERTILIZER, SEED, AND MULCH IN ACCORDANCE WITH CTDEEP GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
6. RIPRAP WILL BE USED IF FILL IS PLACED BELOW THE HIGH TIDE LINE.
7. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
8. CONTRACTOR SHALL ONLY USE CUT-OFF PILE DETAIL IF FULL PILE EXTRACTION IS NOT POSSIBLE OR WHERE EXTRACTION HAS POTENTIAL TO COMPROMISE THE DUCTBANK. WORK SHALL BE PERFORMED WITHIN A TURBIDITY CURTAIN FROM EITHER LAND OR THE TRESTLE.



SECTION A
CA6-3



SECTION B
CA6-4



CUT-OFF PILE DETAIL
N.T.S.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'
(EXCEPT AS NOTED)

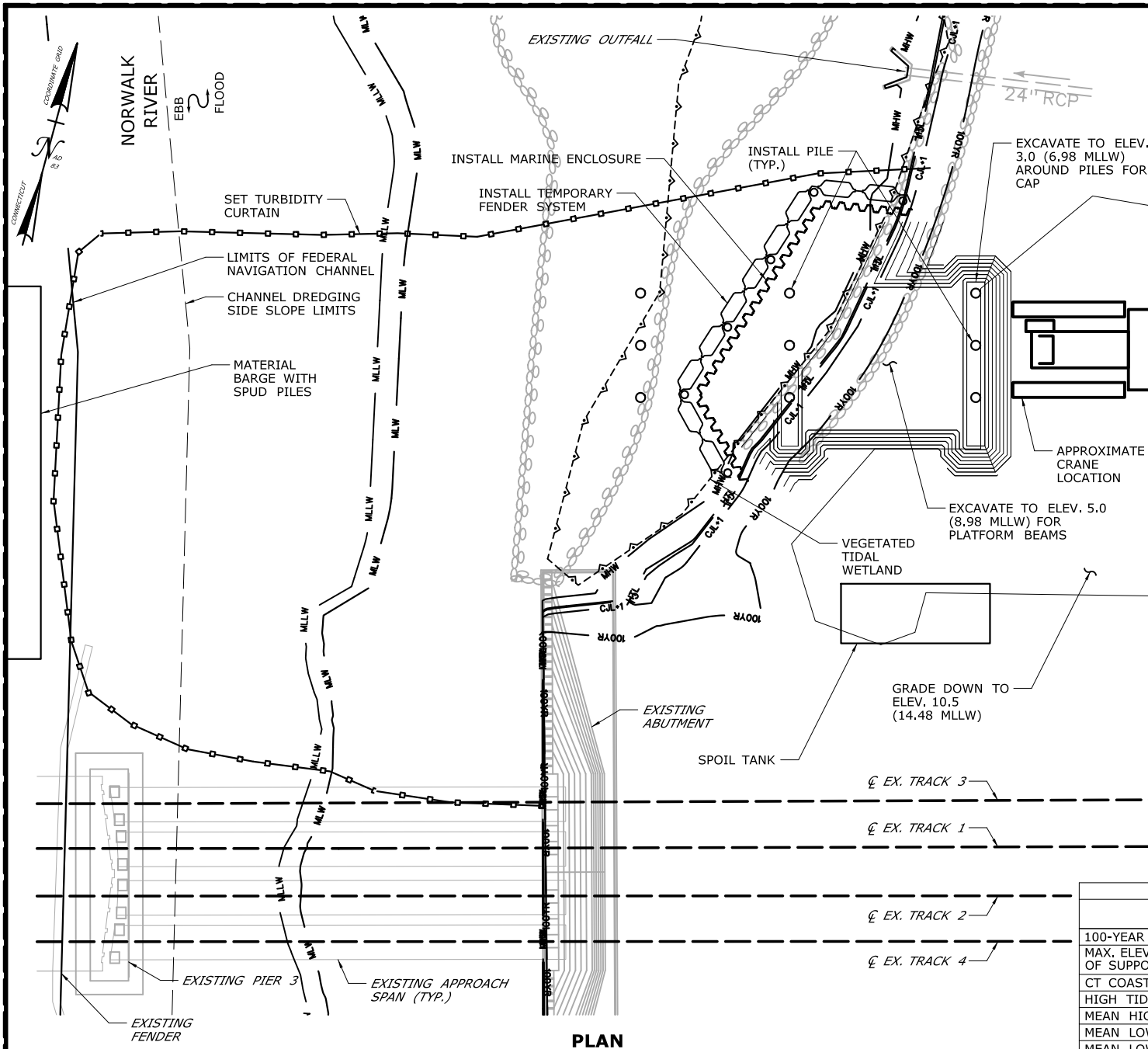
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 6
SOUTHWEST TRESTLE
(SHEET 5 OF 5)**
PROJECT NO.:
0301-0176
DATE:
REV 7-31-20
DRAWING NO.:
CA6-5



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

- | | |
|---|---|
| X | SET TURBIDITY CURTAIN, INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM AND EXCAVATE FOR PLATFORM CONSTRUCTION. GRADE SITE TO PLATFORM ELEVATION. |
| X | INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM AND TEMPORARY FENDER SYSTEM. |
| | REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM. CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE, BACKFILL AT END OF PLATFORM. |
| | INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM. |
| | INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM. |
| | MODIFY TURBIDITY CURTAIN. INSTALL RAMP TO MITIGATION SITE. |
| | SET TURBIDITY CURTAIN. REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, RAMP TO MITIGATION AREA AND TRESTLE IN REVERSE ORDER FROM INSTALLATION. |
| | REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3. |
| | RESTORE SITE AND WETLAND AREA TO PRECONSTRUCTION CONDITIONS. SEE ALSO ACTIVITY 16 FOR MITIGATION. |

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- MARINE ENCLOSURE WILL BE INSTALLED SO THAT THE TOP WILL BE AT OR ABOVE ELEV. 6.2 (10.18 MLLW), 1 FOOT ABOVE THE HIGH TIDE LINE.
- SPOIL TANKS WILL BE USED FOR DEWATERING THE MATERIAL EXCAVATED FROM WITHIN THE MARINE ENCLOSURE.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 7
NORTHEAST TRESTLE
(SHEET 1 OF 6)**

PROJECT NO.:

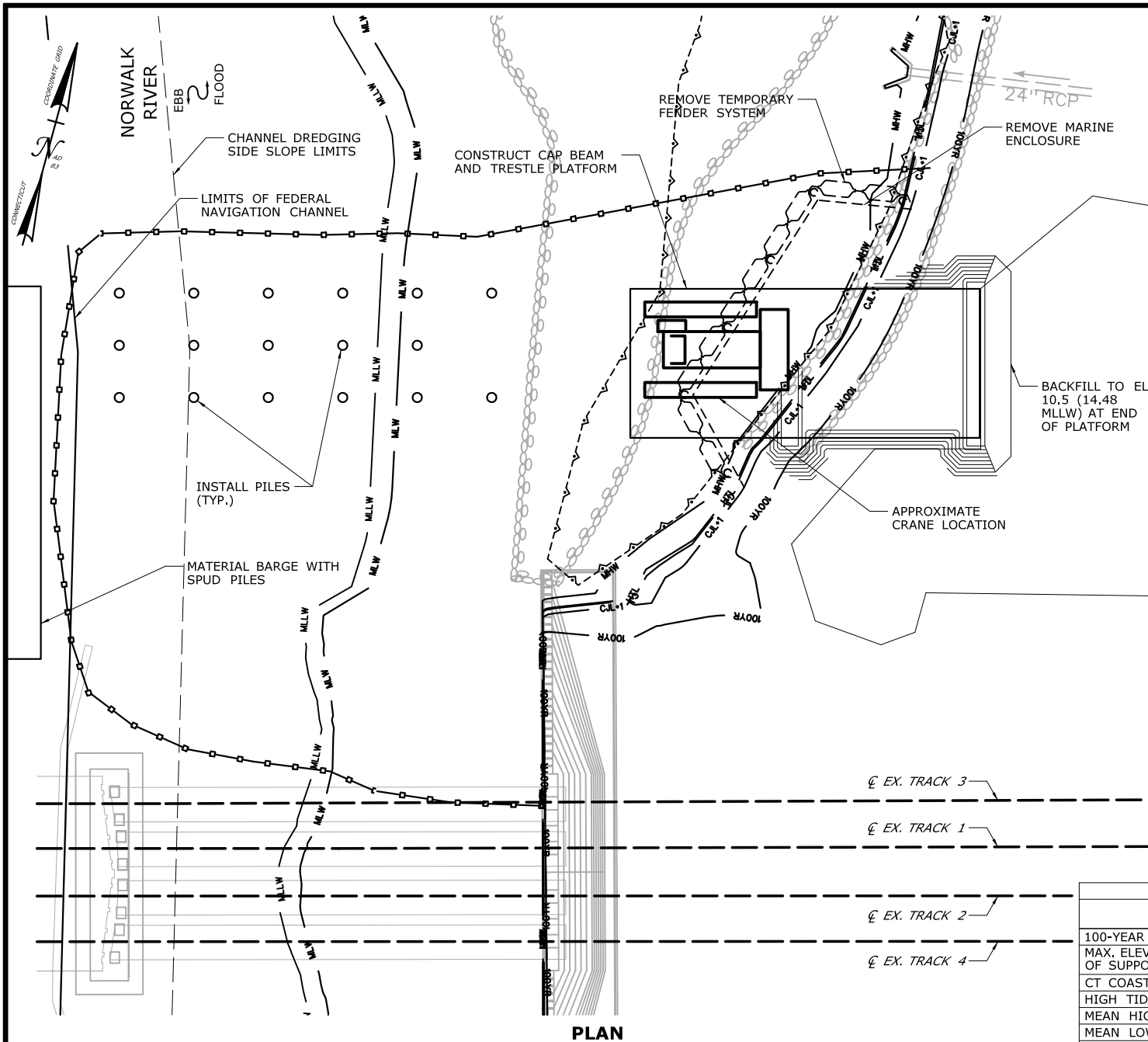
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA7-1



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN, INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM AND EXCAVATE FOR PLATFORM CONSTRUCTION. GRADE SITE TO PLATFORM ELEVATION.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM AND TEMPORARY FENDER SYSTEM.
X	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM. CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE, BACKFILL AT END OF PLATFORM.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	MODIFY TURBIDITY CURTAIN. INSTALL RAMP TO MITIGATION SITE.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, RAMP TO MITIGATION AREA AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3.
	RESTORE SITE AND WETLAND AREA TO PRECONSTRUCTION CONDITIONS. SEE ALSO ACTIVITY 16 FOR MITIGATION.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.5 (14.48 MLLW).
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

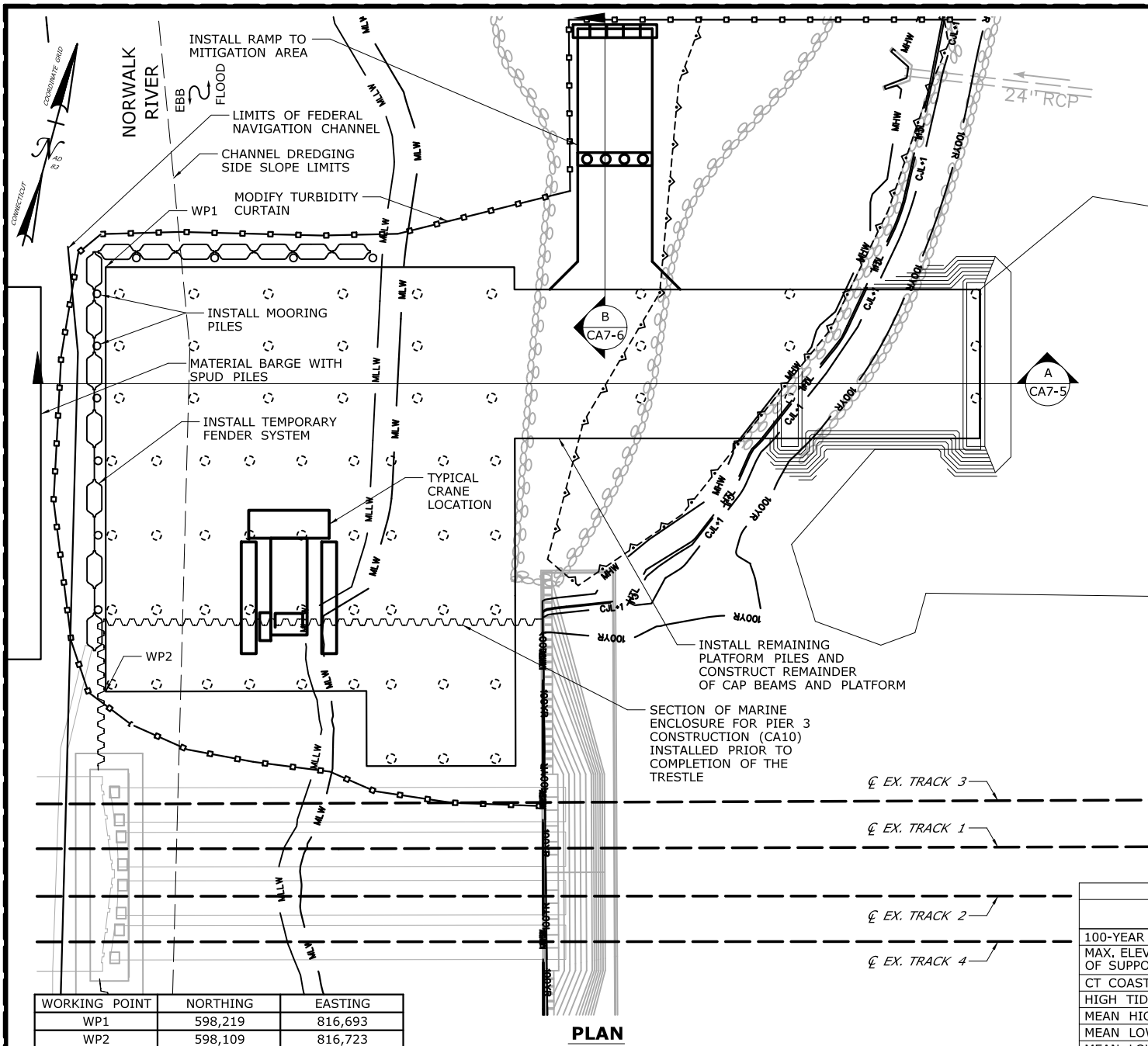
DRAWING TITLE:

**ACTIVITY 7
NORTHEAST TRESTLE
(SHEET 2 OF 6)**

PROJECT NO.:
0301-0176

DATE:
REV 02-23-21

DRAWING NO.:
CA7-2



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN, INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM AND EXCAVATE FOR PLATFORM CONSTRUCTION. GRADE SITE TO PLATFORM ELEVATION.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM AND TEMPORARY FENDER SYSTEM.
	REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM. CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE, BACKFILL AT END OF PLATFORM.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
X	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
X	MODIFY TURBIDITY CURTAIN. INSTALL RAMP TO MITIGATION SITE.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, RAMP TO MITIGATION AREA AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3.
	RESTORE SITE AND WETLAND AREA TO PRECONSTRUCTION CONDITIONS. SEE ALSO ACTIVITY 16 FOR MITIGATION.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.5 (14.48 MLLW).
- LIMITS OF TEMPORARY FENDER SYSTEM AND TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH THE USCG.
- FOLLOWING COMPLETION OF ALL PILE-DRIVING ACTIVITIES AND TURBIDITY HAS SETTLED TO PRE-CONSTRUCTION CONDITIONS, THE TURBIDITY CURTAIN WILL BE REMOVED.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

PLAN

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5

TOWN:

NORWALK

DRAWING TITLE:

ACTIVITY 7
NORTHEAST TRESTLE
(SHEET 3 OF 6)

PROJECT NO.:

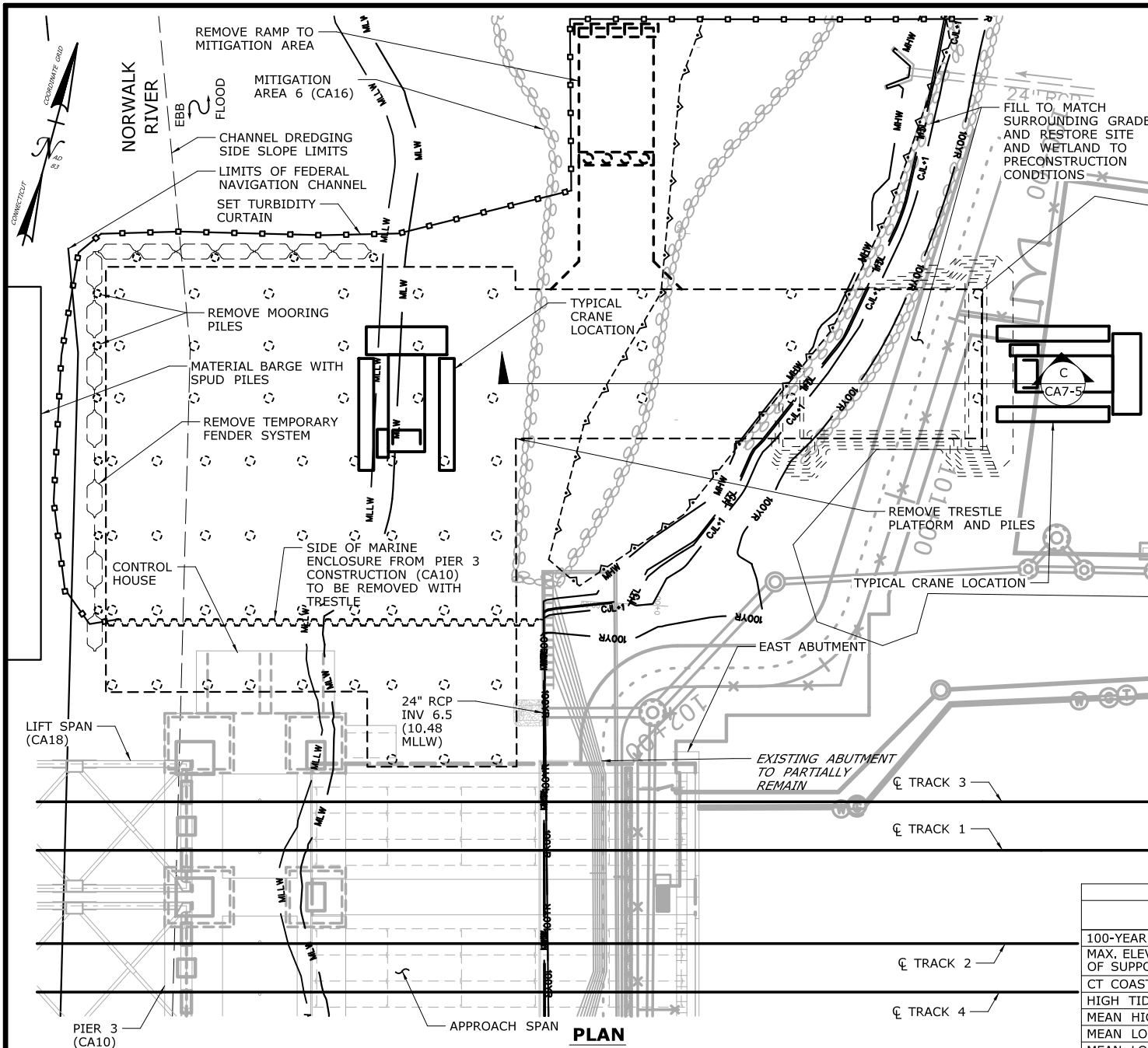
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA7-3



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE NORTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

- | | |
|---|---|
| | SET TURBIDITY CURTAIN, INSTALL MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM AND EXCAVATE FOR PLATFORM CONSTRUCTION, GRADE SITE TO PLATFORM ELEVATION. |
| | INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM AND TEMPORARY FENDER SYSTEM. |
| | REMOVE MARINE ENCLOSURE AND TEMPORARY FENDER SYSTEM, CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE, BACKFILL AT END OF PLATFORM. |
| | INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM. |
| | INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM. |
| | MODIFY TURBIDITY CURTAIN, INSTALL RAMP TO MITIGATION SITE. |
| X | SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, RAMP TO MITIGATION AREA AND TRESTLE IN REVERSE ORDER FROM INSTALLATION. |
| X | REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3. |
| X | RESTORE SITE AND WETLAND AREA TO PRECONSTRUCTION CONDITIONS. SEE ALSO ACTIVITY 16 FOR MITIGATION. |

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.5 (14.48 MLLW).
- SHORELINE RESTORATION TO MATCH EXISTING TREATMENT, SIDE SLOPE, AND ELEVATION BASED ON PRE-CONSTRUCTION CONDITIONS AND ADJACENT SHORELINE NOT DISTURBED BY CONSTRUCTION ACTIVITY.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 7
NORTHEAST TRESTLE
(SHEET 4 OF 6)**

PROJECT NO.:

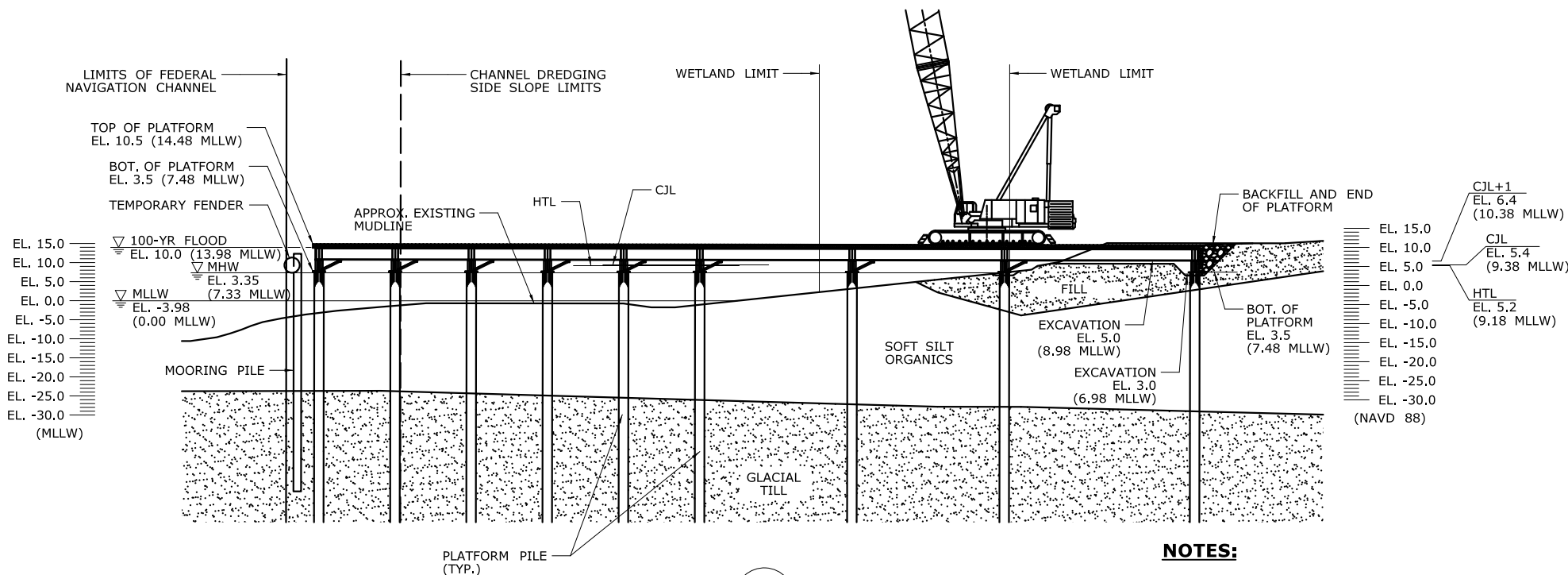
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

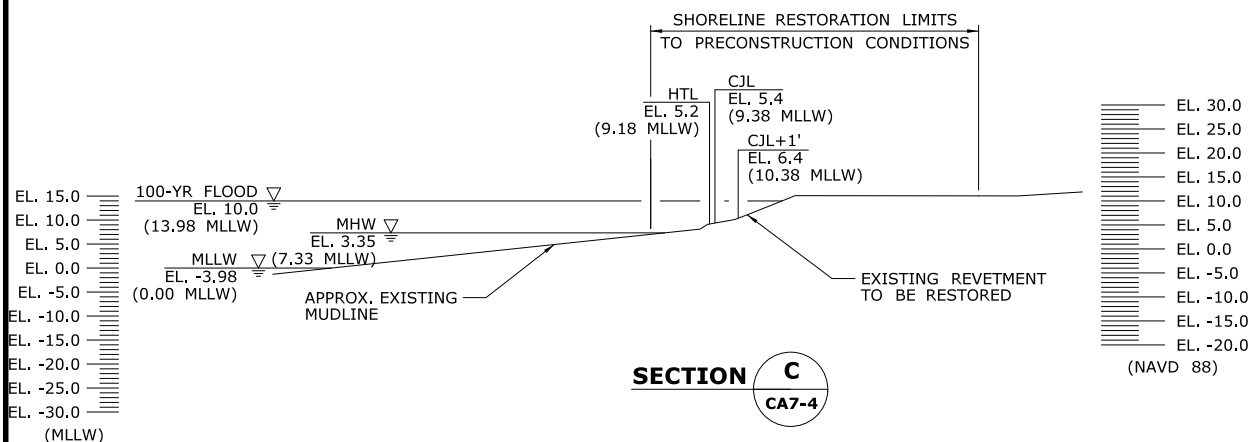
CA7-4



SECTION A
CA7-3

NOTES:

1. PLATFORM SUPPORT PILES AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
3. WORKING SURFACE IS AT ELEVATION 10.5 (14.48 MLLW).
4. SHORELINE RESTORATION TO MATCH EXISTING TREATMENT, SIDE-SLOPE, AND ELEVATION BASED ON PRECONSTRUCTION CONDITIONS AND ADJACENT SHORELINE NOT DISTURBED BY CONSTRUCTION ACTIVITY.
5. GEOTEXTILE FILTER FABRIC WILL BE USED IF FILL IS PLACED BELOW THE HIGH TIDE LINE.



SECTION C
CA7-4

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 7
NORTHEAST TRESTLE
(SHEET 5 OF 6)**

PROJECT NO.:

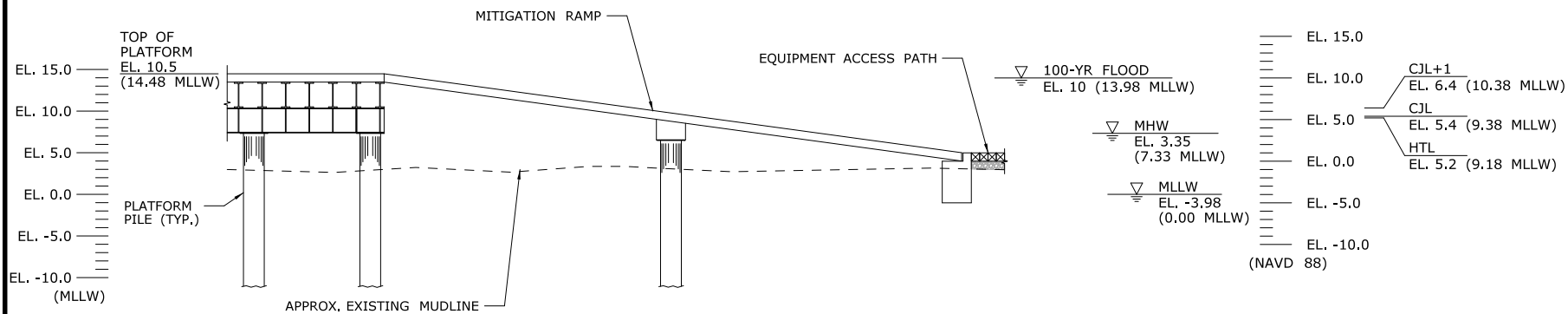
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA7-5



SECTION B
CA7-3

NOTES:

1. PLATFORM SUPPORT PILES AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
2. VERTICAL DATUM IS NAVD 88, ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0	13.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 10 20
SCALE 1"=20'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 7
NORTHEAST TRESTLE
(SHEET 6 OF 6)**

PROJECT NO.:

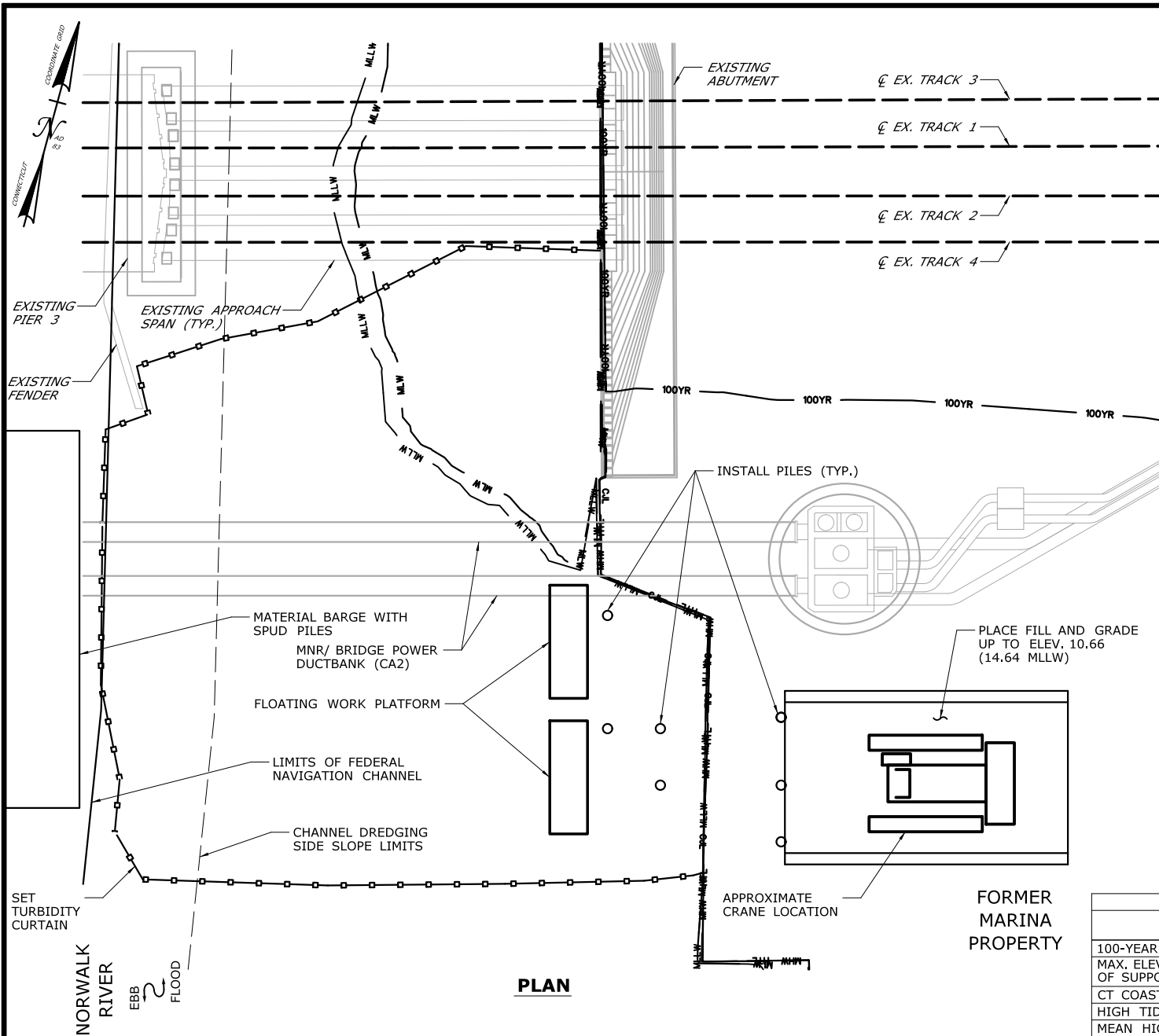
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA7-6



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	SET TURBIDITY CURTAIN.
X	PLACE FILL AND GRADE UP TO PLATFORM ELEVATION.
X	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3.
	RESTORE SITE TO PRE-CONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 8
SOUTHEAST TRESTLE
(SHEET 1 OF 5)**

PROJECT NO.:

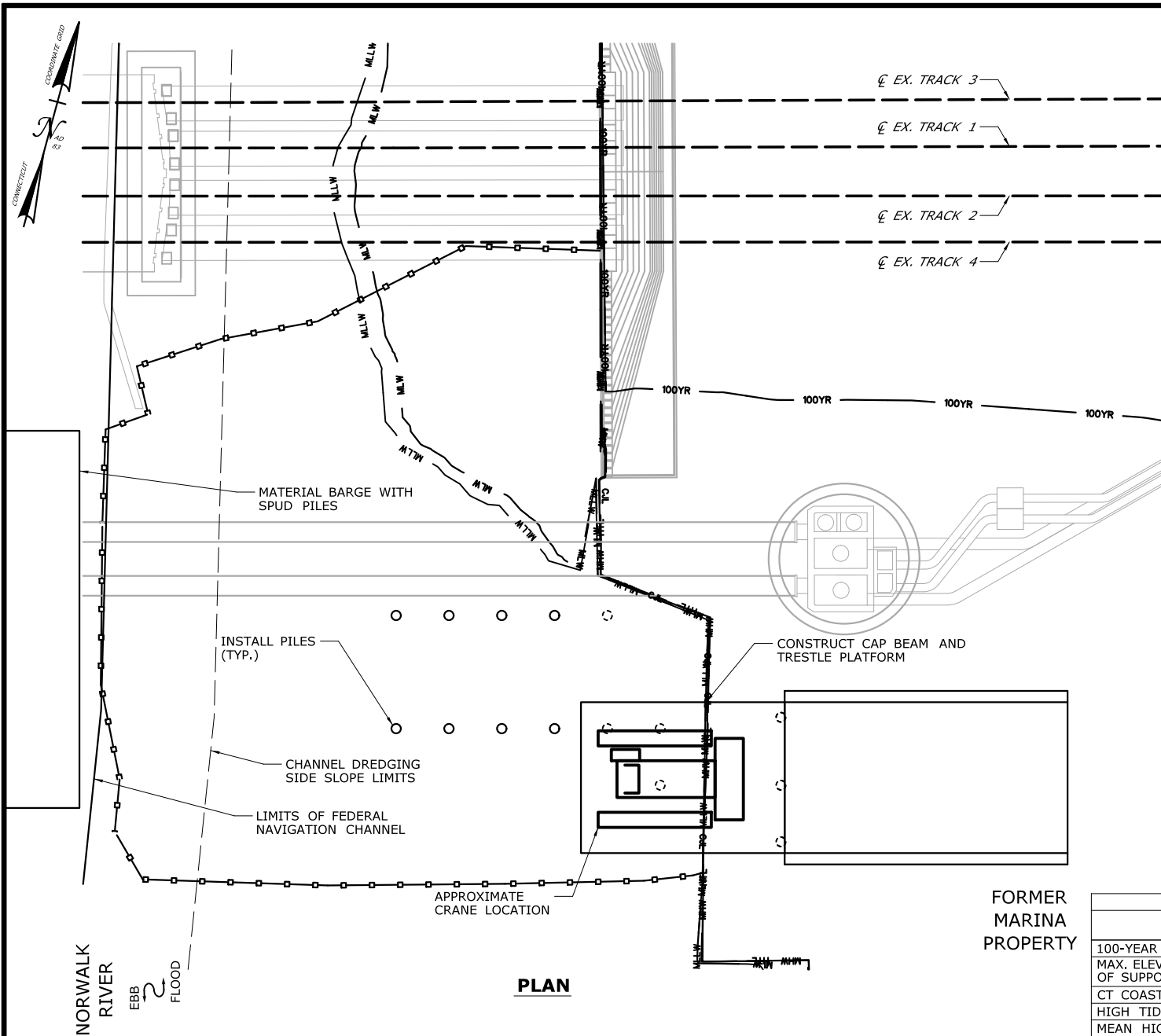
0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA8-1



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN.
	PLACE FILL AND GRADE UP TO PLATFORM ELEVATION.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
X	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3.
	RESTORE SITE TO PRE-CONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.66 (14.64 MLLW).
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

FORMER
MARINA
PROPERTY

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 8
SOUTHEAST TRESTLE
(SHEET 2 OF 5)**

PROJECT NO.:

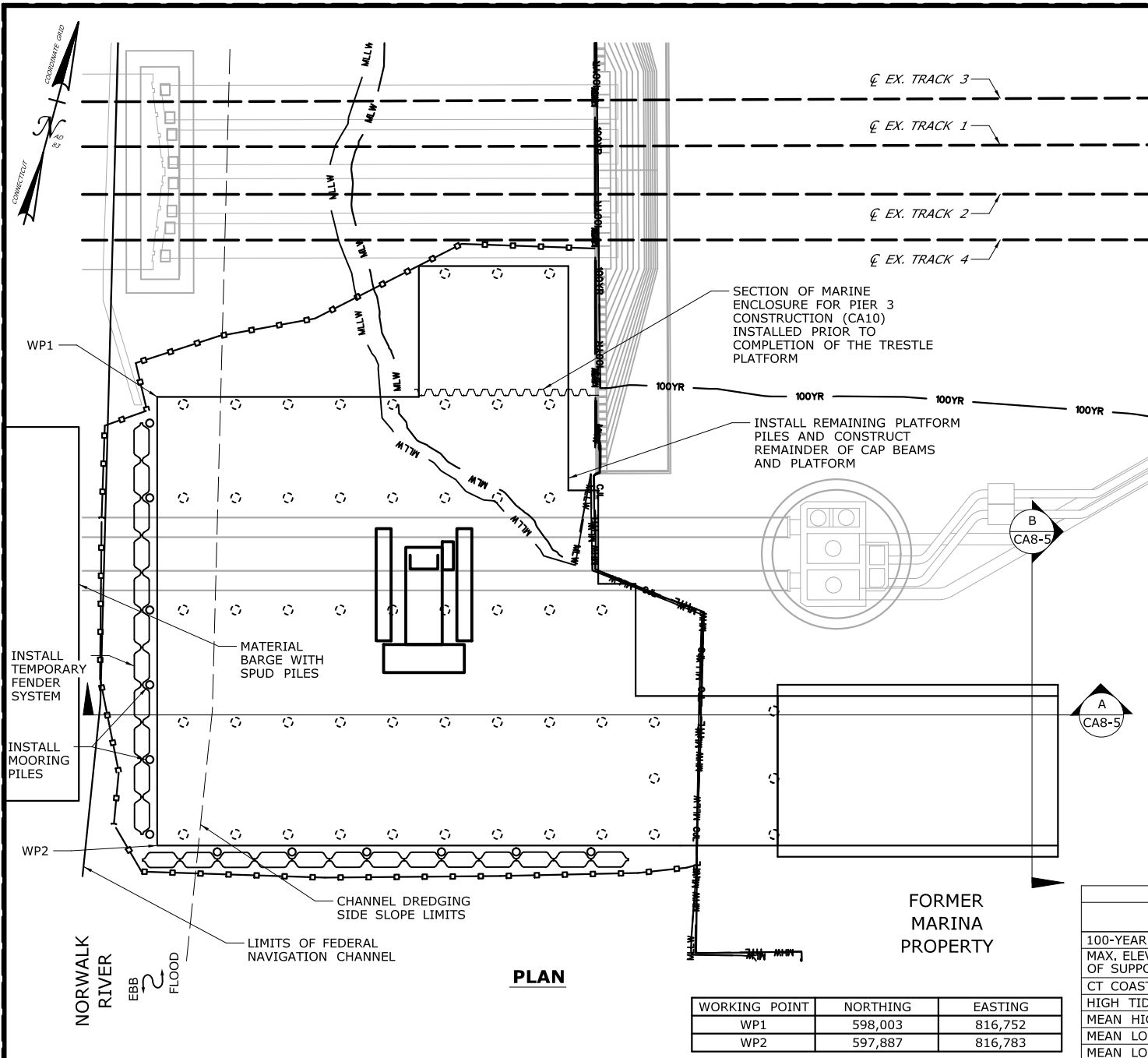
0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA8-2



PLAN

WORKING POINT	NORTHING	EASTING
WP1	598,003	816,752
WP2	597,887	816,783

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN.
	PLACE FILL AND GRADE UP TO PLATFORM ELEVATION.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
X	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
X	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3.
	RESTORE SITE TO PRE-CONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.66 (14.64 MLLW).
- LIMITS OF TEMPORARY FENDER SYSTEM AND TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTING) WILL BE COORDINATED WITH THE USCG.
- FOLLOWING COMPLETION OF ALL PILE-DRIVING ACTIVITIES AND THE TURBIDITY HAS SETTLED TO THE PRE-CONSTRUCTION CONDITIONS, THE TURBIDITY CURTAIN WILL BE REMOVED.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

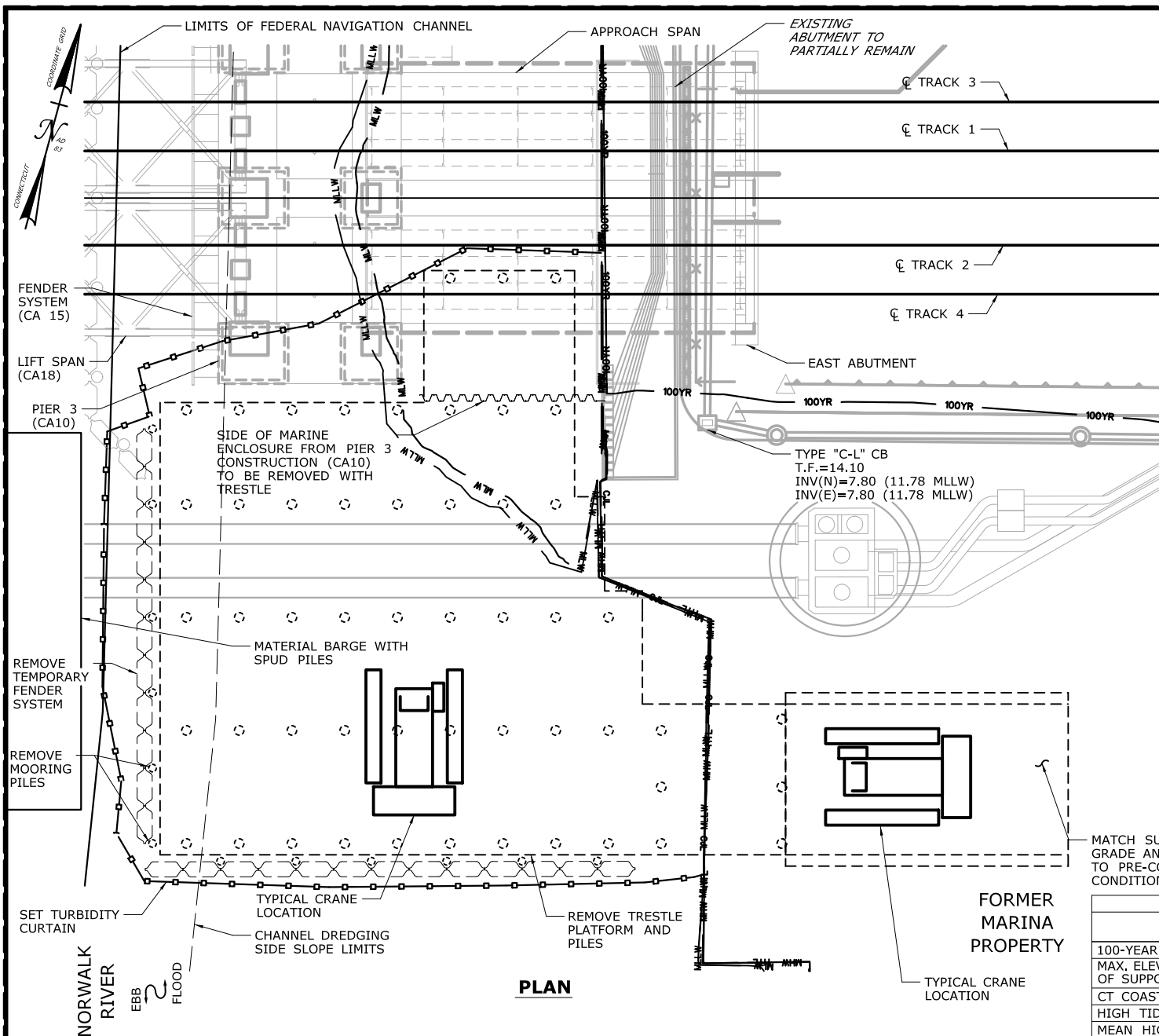
DRAWING TITLE:

**ACTIVITY 8
SOUTHEAST TRESTLE
(SHEET 3 OF 5)**

PROJECT NO.:
0301-0176

DATE:
REV 05-19-21

DRAWING NO.:
CA8-3



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD THE SOUTHEAST TRESTLE WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	SET TURBIDITY CURTAIN.
	PLACE FILL AND GRADE UP TO PLATFORM ELEVATION.
	INSTALL PILES TO SUPPORT FIRST SECTION OF TRESTLE PLATFORM.
	CONSTRUCT CAP BEAMS AND PLATFORM FOR FIRST SECTION OF TRESTLE.
	INSTALL REMAINING PILES, CONSTRUCT CAP BEAMS, AND CONSTRUCT PLATFORM INTERMITTENTLY TO COMPLETE THE PLATFORM.
	INSTALL MOORING PILES AND TEMPORARY FENDER SYSTEM.
X	SET TURBIDITY CURTAIN, REMOVE TEMPORARY FENDER SYSTEM, MOORING PILES, AND TRESTLE IN REVERSE ORDER FROM INSTALLATION.
X	REMOVE REMAINDER OF MARINE ENCLOSURE FROM PROPOSED PIER 3.
X	RESTORE SITE TO PRE-CONSTRUCTION CONDITIONS.

NOTES:

- SPUD PILES, PLATFORM SUPPORT PILES, AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF PLATFORM ELEV. 10.66 (14.64 MLLW).
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

MATCH SURROUNDING GRADE AND RESTORE SITE TO PRE-CONSTRUCTION CONDITIONS

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 8
SOUTHEAST TRESTLE
(SHEET 4 OF 5)**

PROJECT NO.:

0301-0176

DATE:

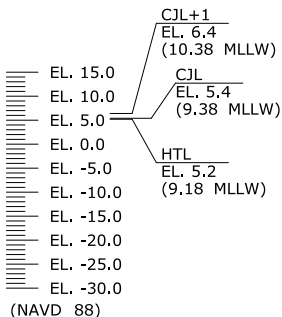
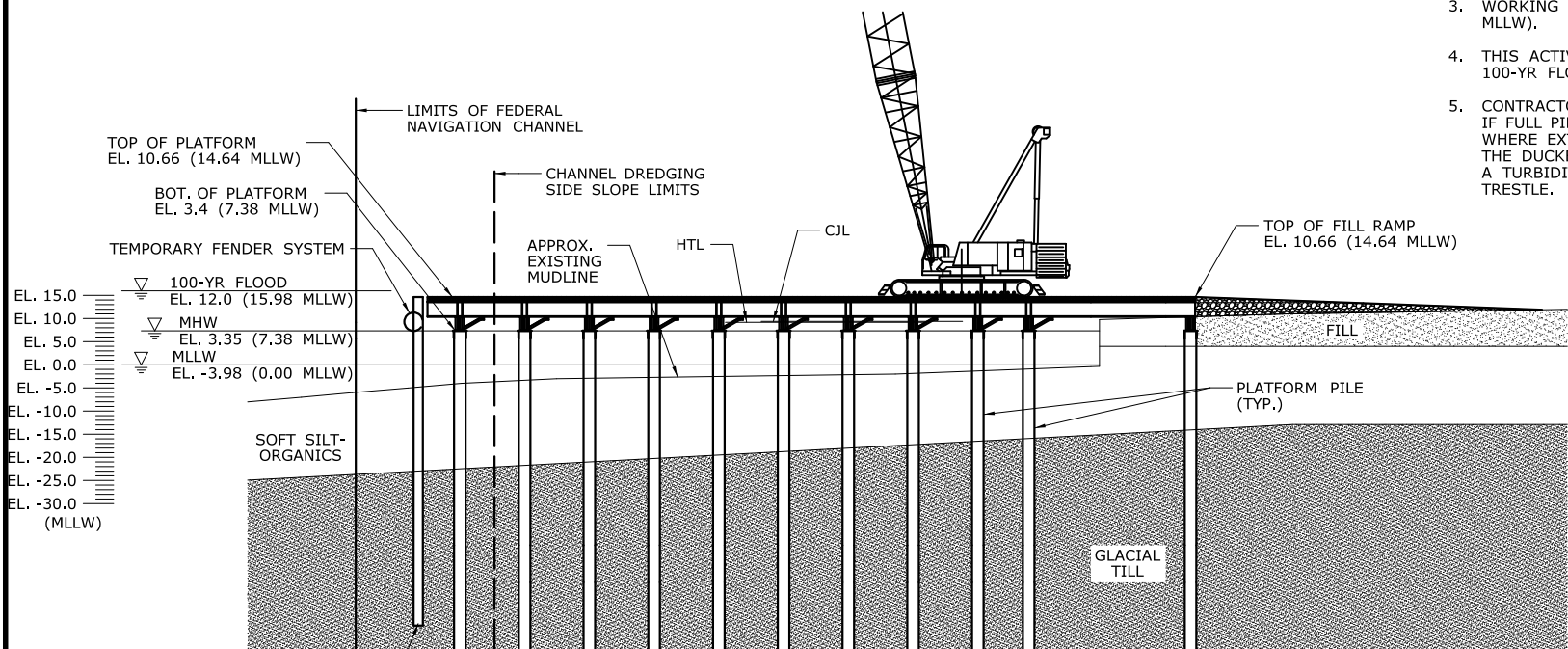
REV 05-19-21

DRAWING NO.:

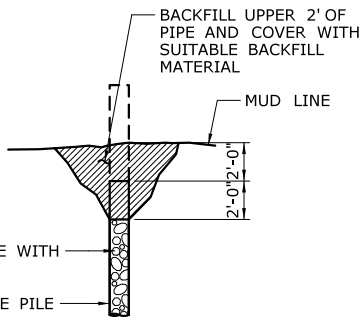
CA8-4

NOTES:

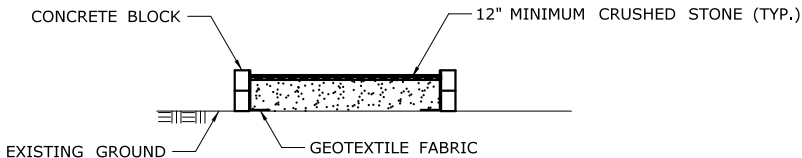
- 1. PLATFORM SUPPORT PILES AND MOORING PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
- 2. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- 3. WORKING SURFACE IS AT ELEVATION 10.66 (14.64 MLLW).
- 4. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- 5. CONTRACTOR SHALL ONLY USE CUT-OFF PILE DETAIL IF FULL PILE EXTRACTION IS NOT POSSIBLE OR WHERE EXTRACTION HAS POTENTIAL TO COMPROMISE THE DUCKBANK. WORK SHALL BE PERFORMED WITHIN A TURBIDITY CURTAIN FROM EITHER LAND OR THE TRESTLE.



SECTION A
CA8-3

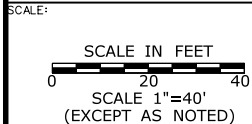


CUT-OFF PILE DETAIL
N.T.S.



SECTION B
CA8-3

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	12.0	15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



DRAWN: T. ADINOLFI
CHECKED: V. ROBBINS
APPROVED: C. BROWN

SIGNATURE BLOCK:

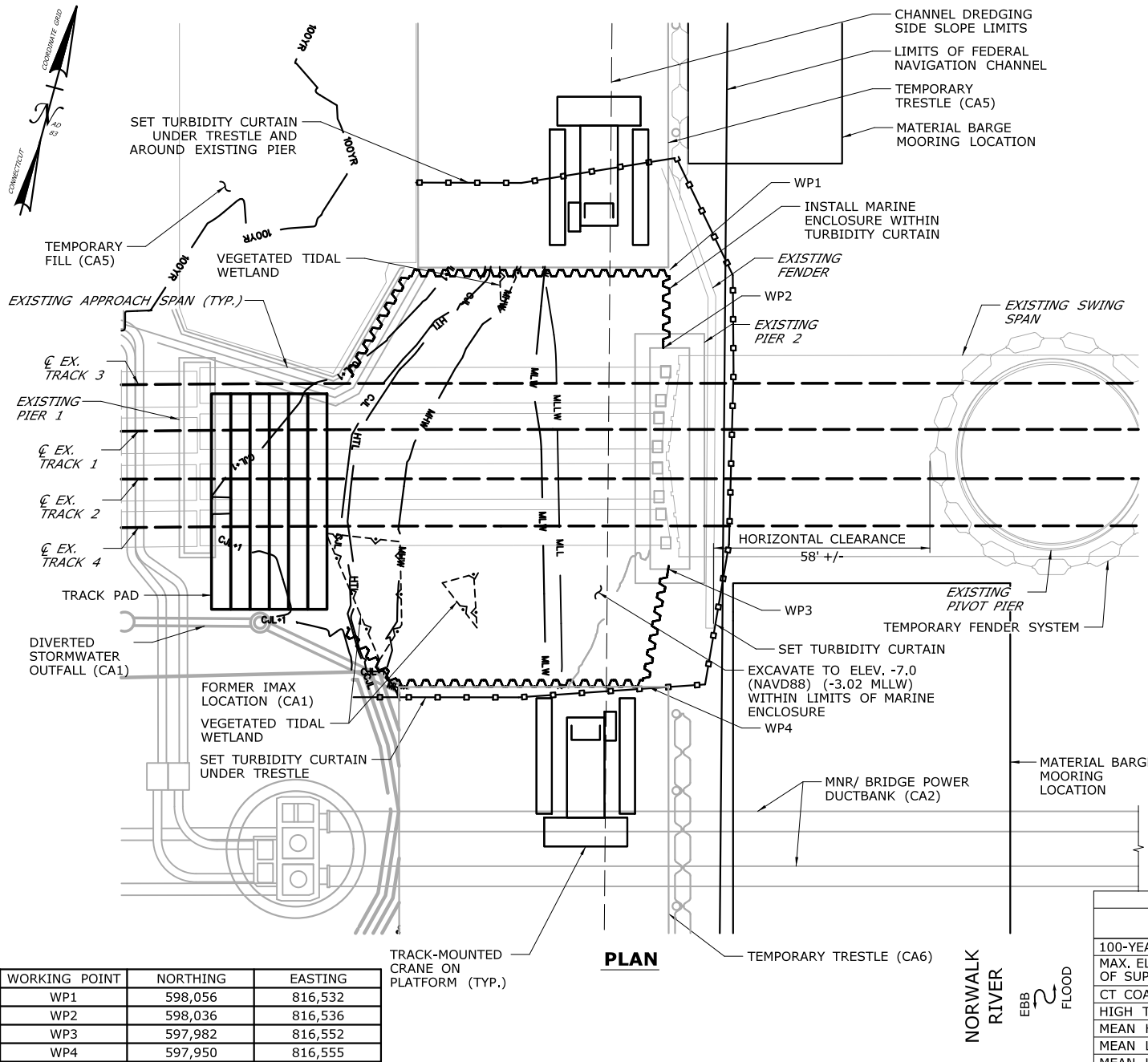


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN: **NORWALK**
DRAWING TITLE: **ACTIVITY 8
SOUTHEAST TRESTLE
(SHEET 5 OF 5)**
PROJECT NO.: **0301-0176**
DATE: **REV 7-31-20**
DRAWING NO.: **CA8-5**



WORKING POINT	NORTHING	EASTING
WP1	598,056	816,532
WP2	598,036	816,536
WP3	597,982	816,552
WP4	597,950	816,555

TRACK-MOUNTED
CRANE ON
PLATFORM (TYP.)

PLAN



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 9
PIER 2 CONSTRUCTION
(SHEET 1 OF 7)**

PROJECT NO.:

0301-0176

DATE:

REV 05-19-21

DRAWING NO.:

CA9-1

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 2 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	CLOSE WEST CHANNEL TO NAVIGATION.
X	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
X	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
3. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
4. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:

T. ADINOLFI

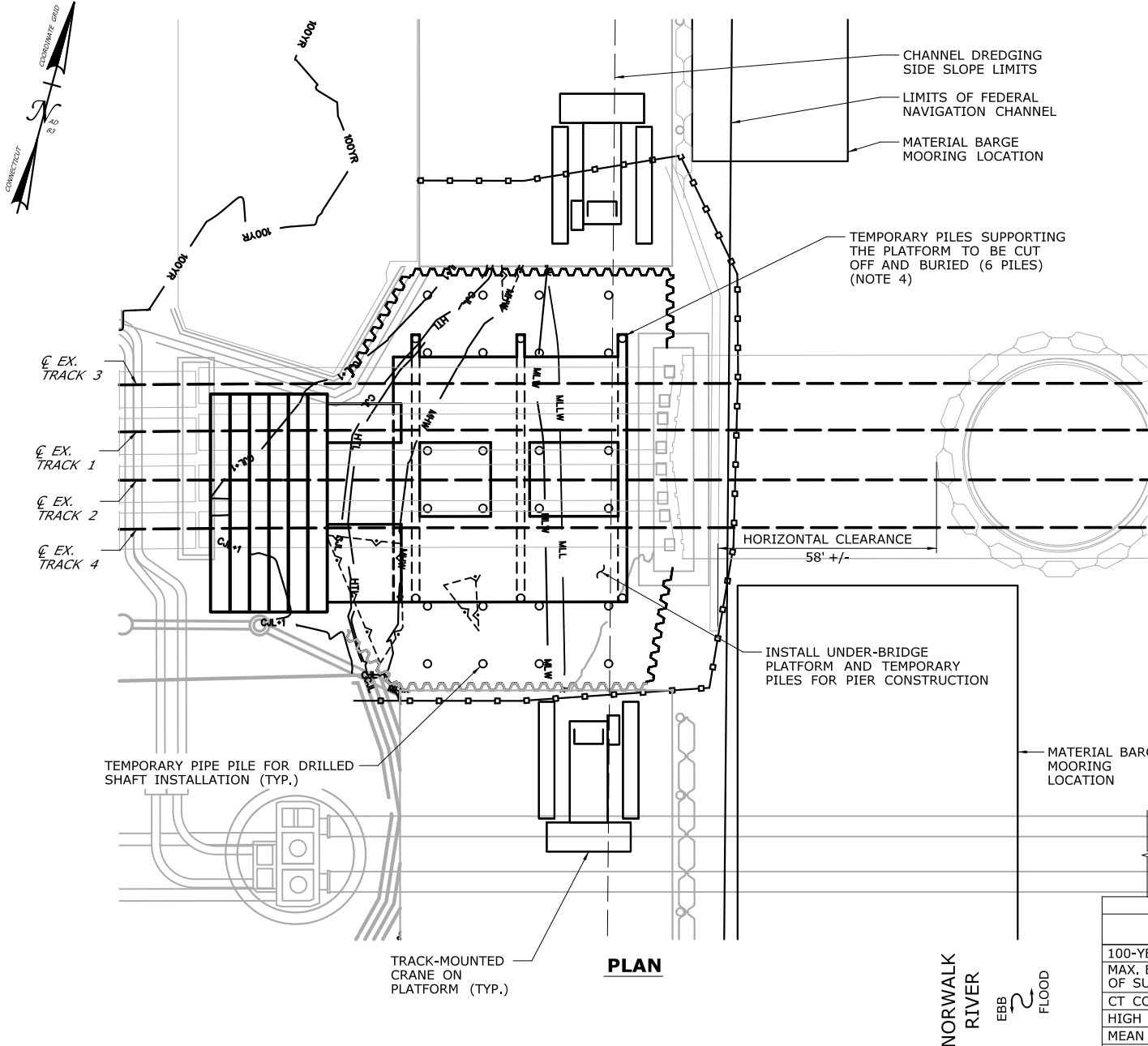
CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 2 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

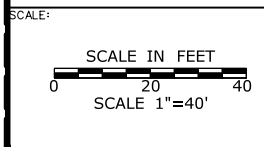
	CLOSE WEST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
X	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. TEMPORARY PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
3. ALL TEMPORARY PILES TO BE REMOVED, EXCEPT AS NOTED.
4. TEMPORARY PILES TO BE BACKFILLED WITH STONE FOLLOWING INSTALLATION. SEE CUT-OFF PILE DETAIL ON DWG. CA9-7.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

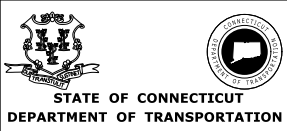
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



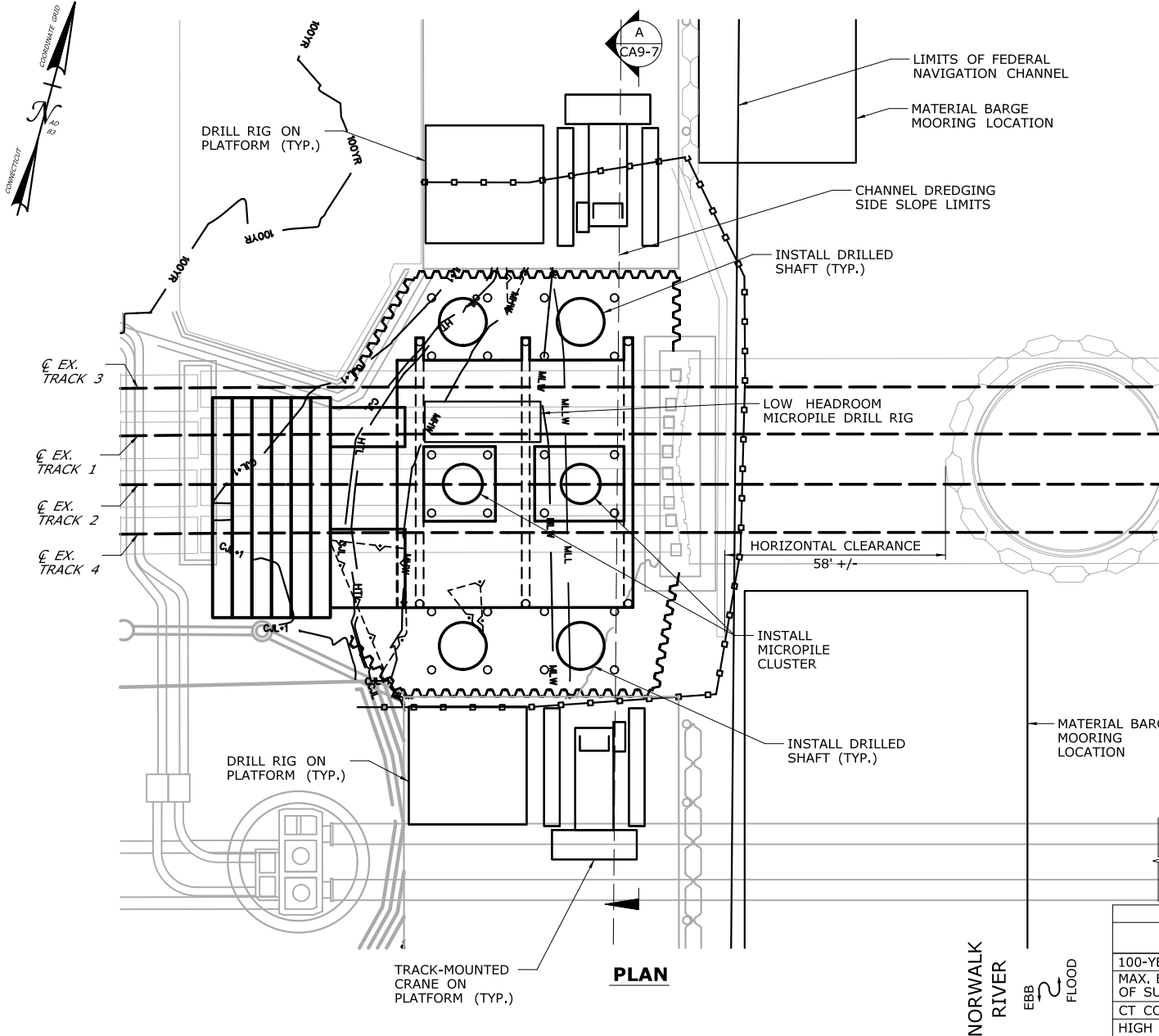
DRAWN: T. ADINOLFI
CHECKED: V. ROBBINS
APPROVED: C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN: **NORWALK**
DRAWING TITLE: **ACTIVITY 9
PIER 2 CONSTRUCTION
(SHEET 2 OF 7)**
PROJECT NO.: **0301-0176**
DATE: **REV 05-19-21**
DRAWING NO.: **CA9-2**



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 2 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE WEST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
X	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).

NOTES:

- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

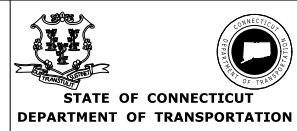
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

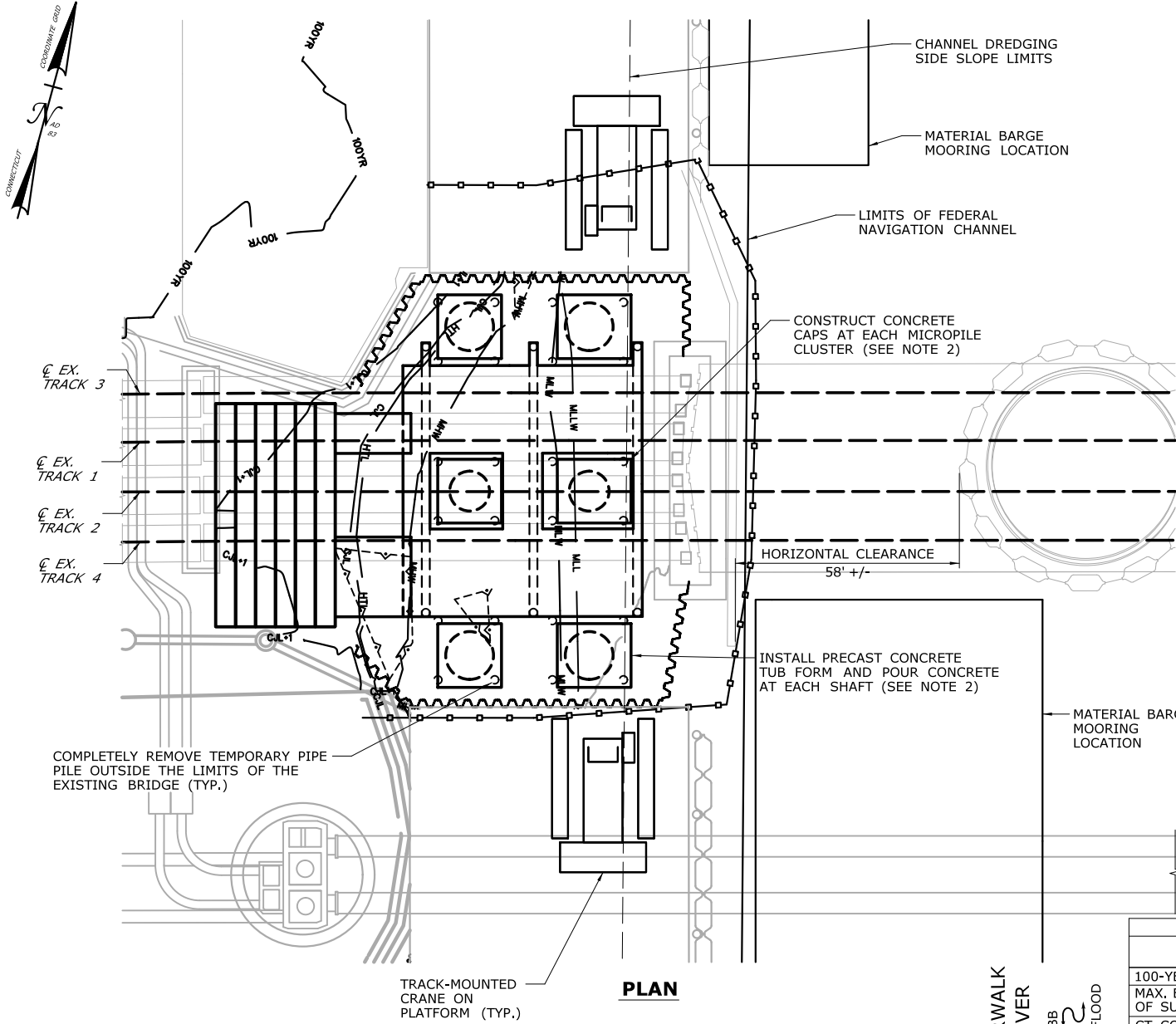
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 9
PIER 2 CONSTRUCTION
(SHEET 3 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 05-19-21
DRAWING NO.:
CA9-3



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 2 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

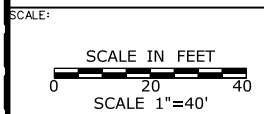
	CLOSE WEST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
X	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
X	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. BOTTOM OF CAP ELEVATION IS EL. -5.0 (1.02 MLLW).
3. A CONTAINMENT SHIELD WILL BE USED TO ELIMINATE SPILLAGE OF CONCRETE INTO THE WATER.
4. TEMPORARY PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

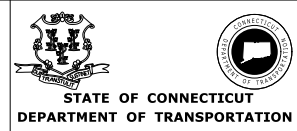


DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

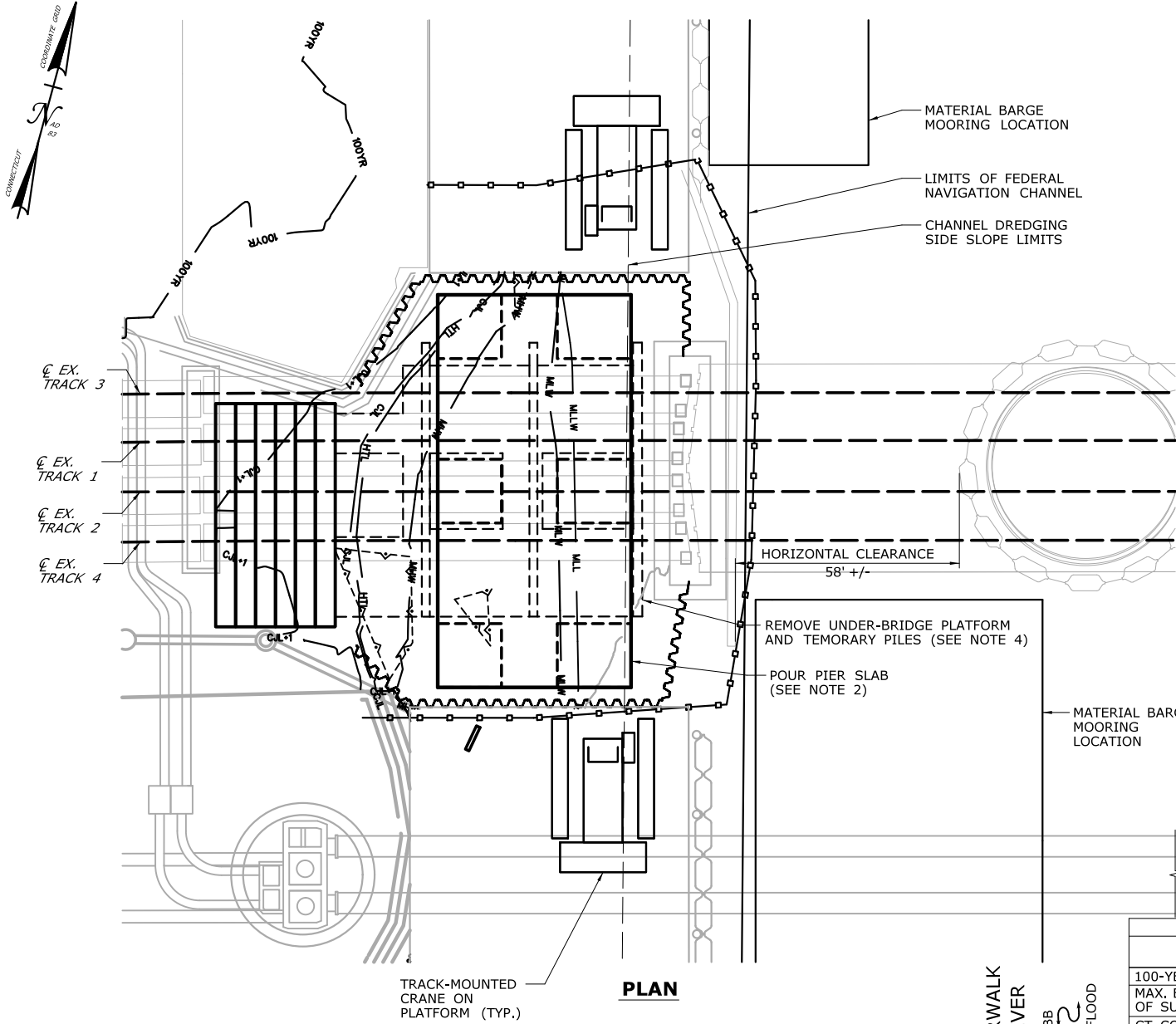
TOWN:
NORWALK

DRAWING TITLE:
**ACTIVITY 9
PIER 2 CONSTRUCTION
(SHEET 4 OF 7)**

PROJECT NO.:
0301-0176

DATE:
REV 05-19-21

DRAWING NO.:
CA9-4



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 2 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE WEST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
X	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
X	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. BOTTOM OF SLAB ELEVATION IS EL. 10.0 (13.98 MLLW).
3. A CONTAINMENT SHIELD WILL BE USED TO ELIMINATE SPILLAGE OF CONCRETE INTO THE WATER.
4. TEMPORARY PILES SHALL BE CUT OFF 2 FEET BELOW MUDLINE. SEE CUT-OFF PILE DETAIL ON DWG. NO. CA9-7.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

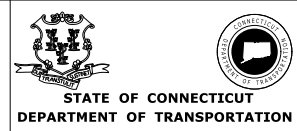
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

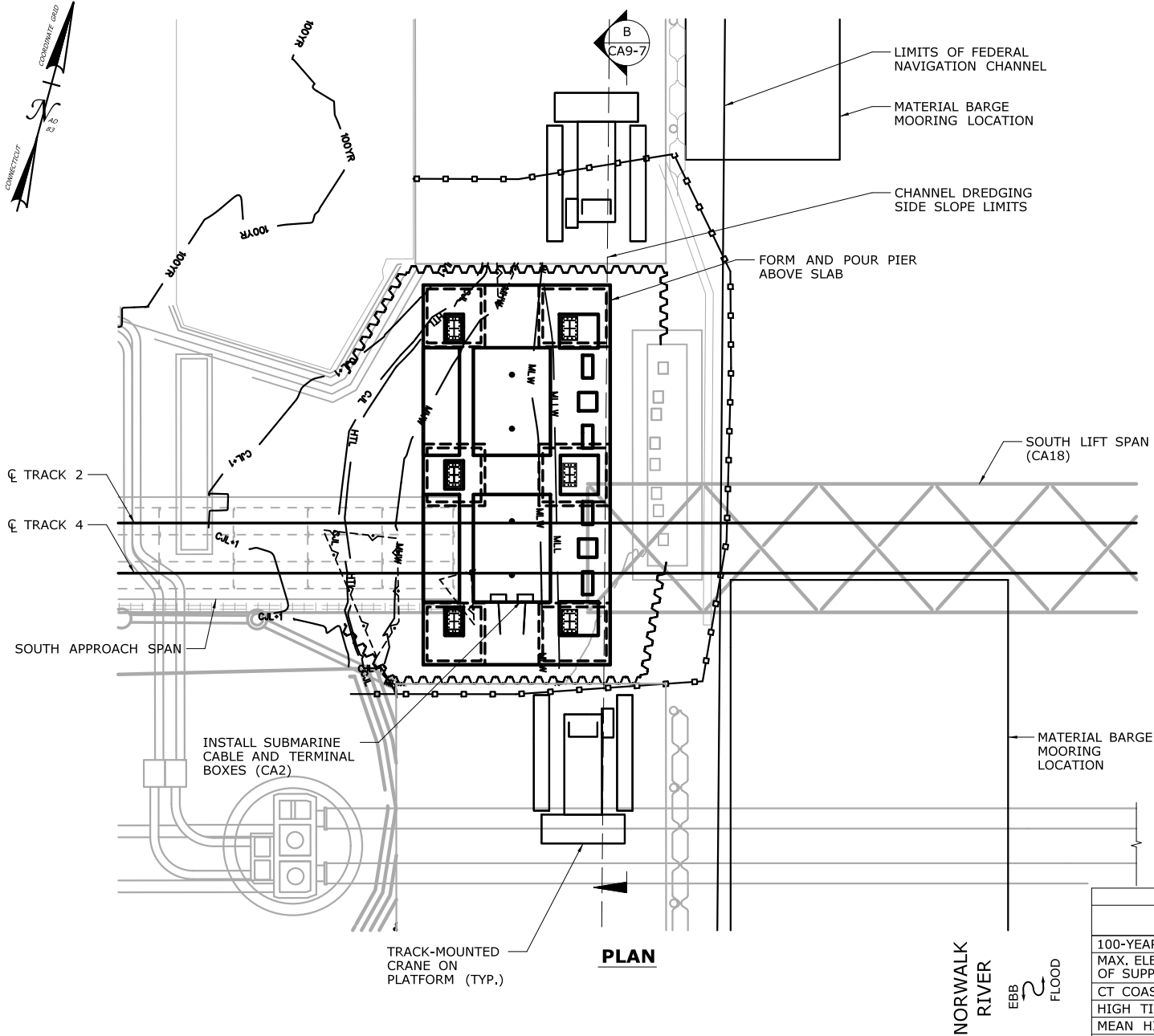
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 9
PIER 2 CONSTRUCTION
(SHEET 5 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 05-19-21
DRAWING NO.:
CA9-5



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 2 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE WEST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
X	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
X	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. A CONTAINMENT SHIELD WILL BE USED TO ELIMINATE SPILLAGE OF CONCRETE INTO THE WATER.
3. FINAL CONCRETE POUR WILL TAKE PLACE FOLLOWING INSTALLATION OF THE SOUTH LIFT SPAN DURING A SERVICE OUTAGE ON TRACKS 1 AND 3.
4. THE MARINE ENCLOSURE WILL BE MODIFIED AS NEEDED TO INSTALL BRIDGE POWER AND CONTROL DUCTS.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
6. THE MARINE ENCLOSURE WILL BE USED DURING EXISTING PIER REMOVAL AS PART OF ACTIVITY 14.

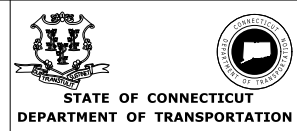
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

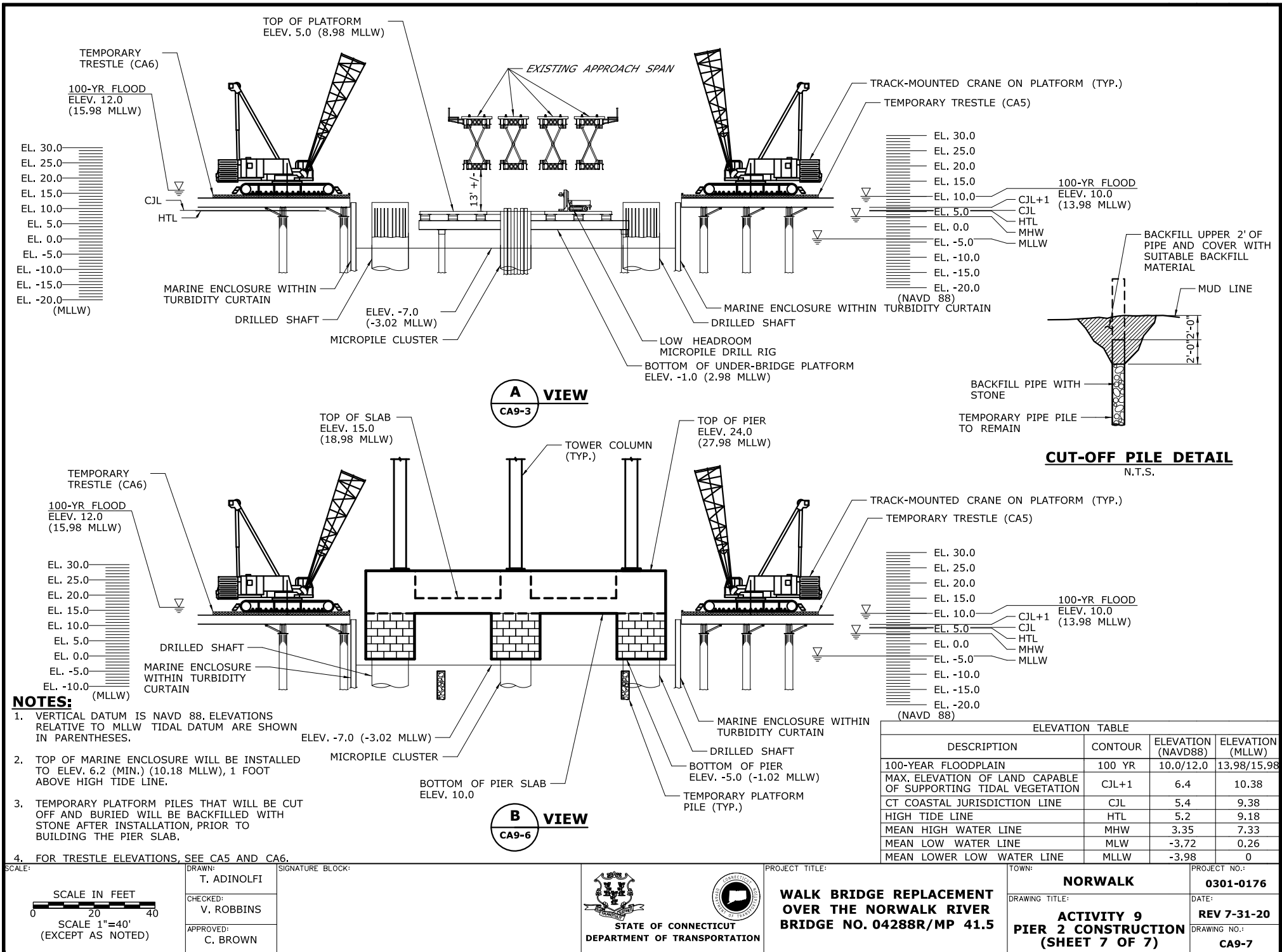
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

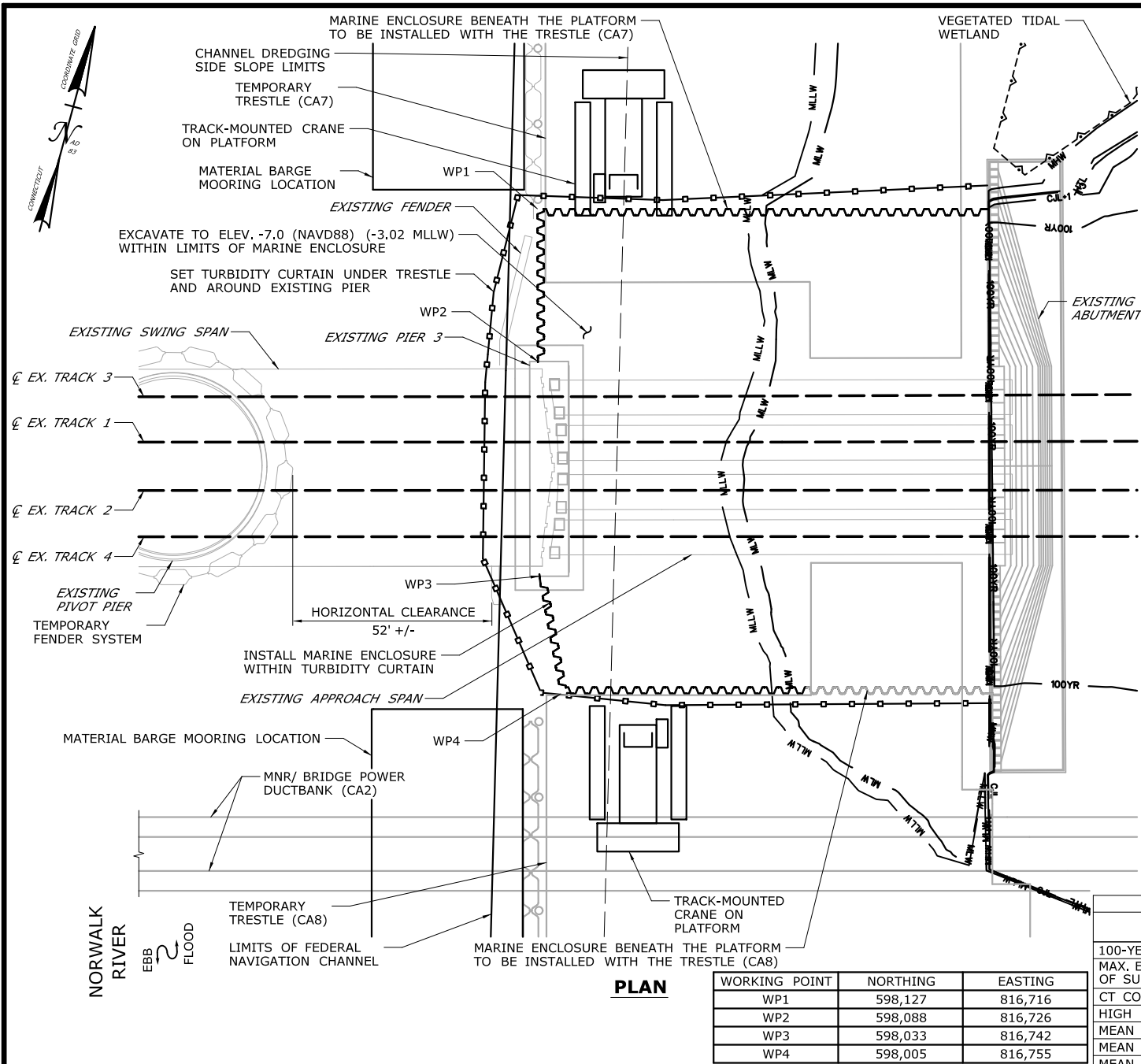
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PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 9
PIER 2 CONSTRUCTION
(SHEET 6 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 05-19-21
DRAWING NO.:
CA9-6





PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 3 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	CLOSE EAST CHANNEL TO NAVIGATION.
X	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
X	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).
	RESTORE WETLAND AREA TO PRE-CONSTRUCTION CONDITIONS (SEE ALSO ACTIVITY 16).

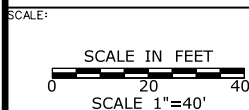
NOTES:

- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
- EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

WORKING POINT	NORTHING	EASTING
WP1	598,127	816,716
WP2	598,088	816,726
WP3	598,033	816,742
WP4	598,005	816,755



DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

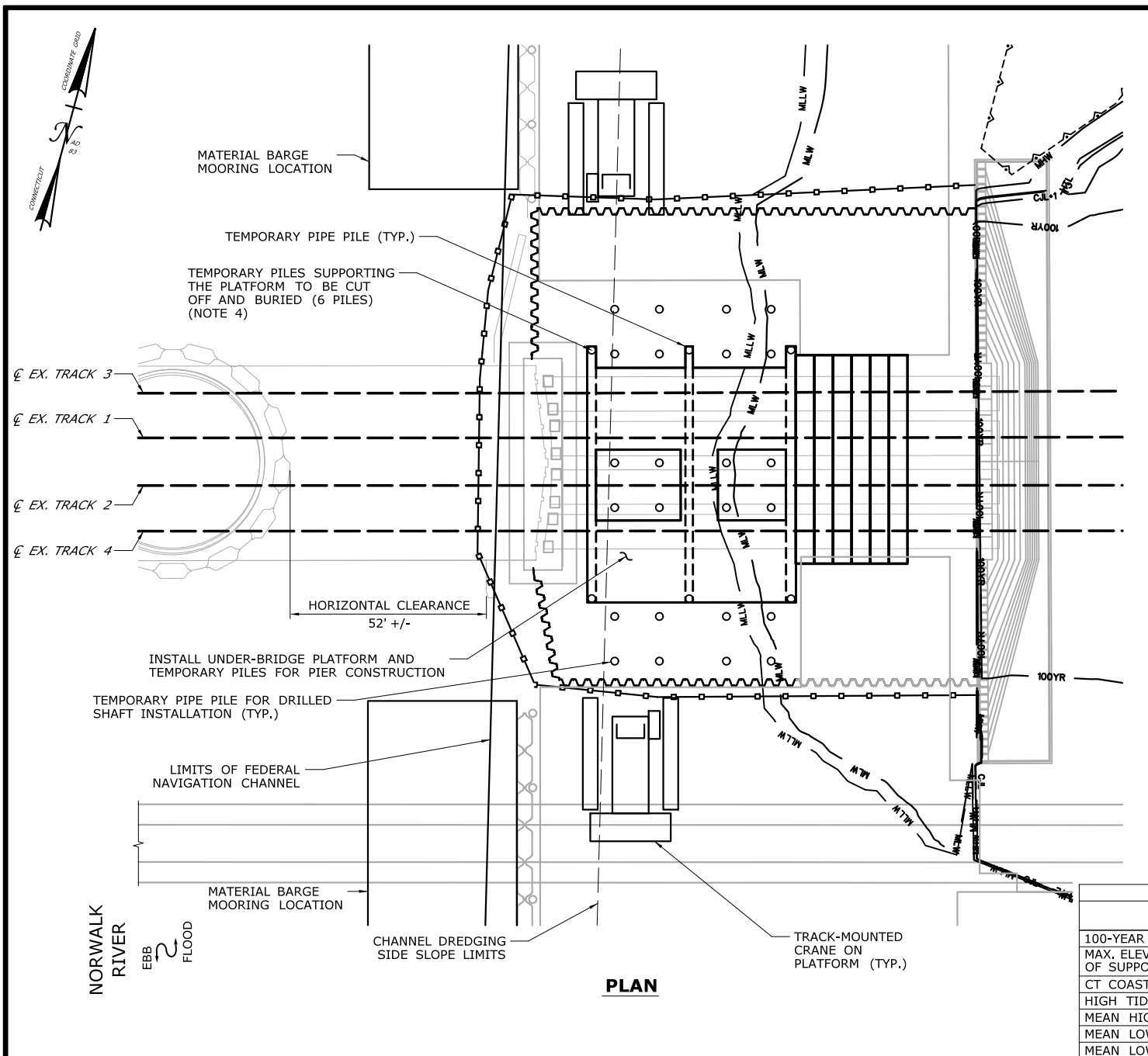
NORWALK

DRAWING TITLE:
**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 1 OF 7)**

PROJECT NO.:
0301-0176

DATE:
REV 02-23-21

DRAWING NO.:
CA10-1



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 3 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE EAST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
X	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).
	RESTORE WETLAND AREA TO PRE-CONSTRUCTION CONDITIONS (SEE ALSO ACTIVITY 16).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. TEMPORARY PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
3. ALL TEMPORARY PILES TO BE REMOVED, EXCEPT AS NOTED.
4. TEMPORARY PILES TO BE BACKFILLED WITH STONE FOLLOWING INSTALLATION. SEE CUT-OFF PILE DETAIL ON DWG. CA10-7.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 2 OF 7)**

PROJECT NO.:

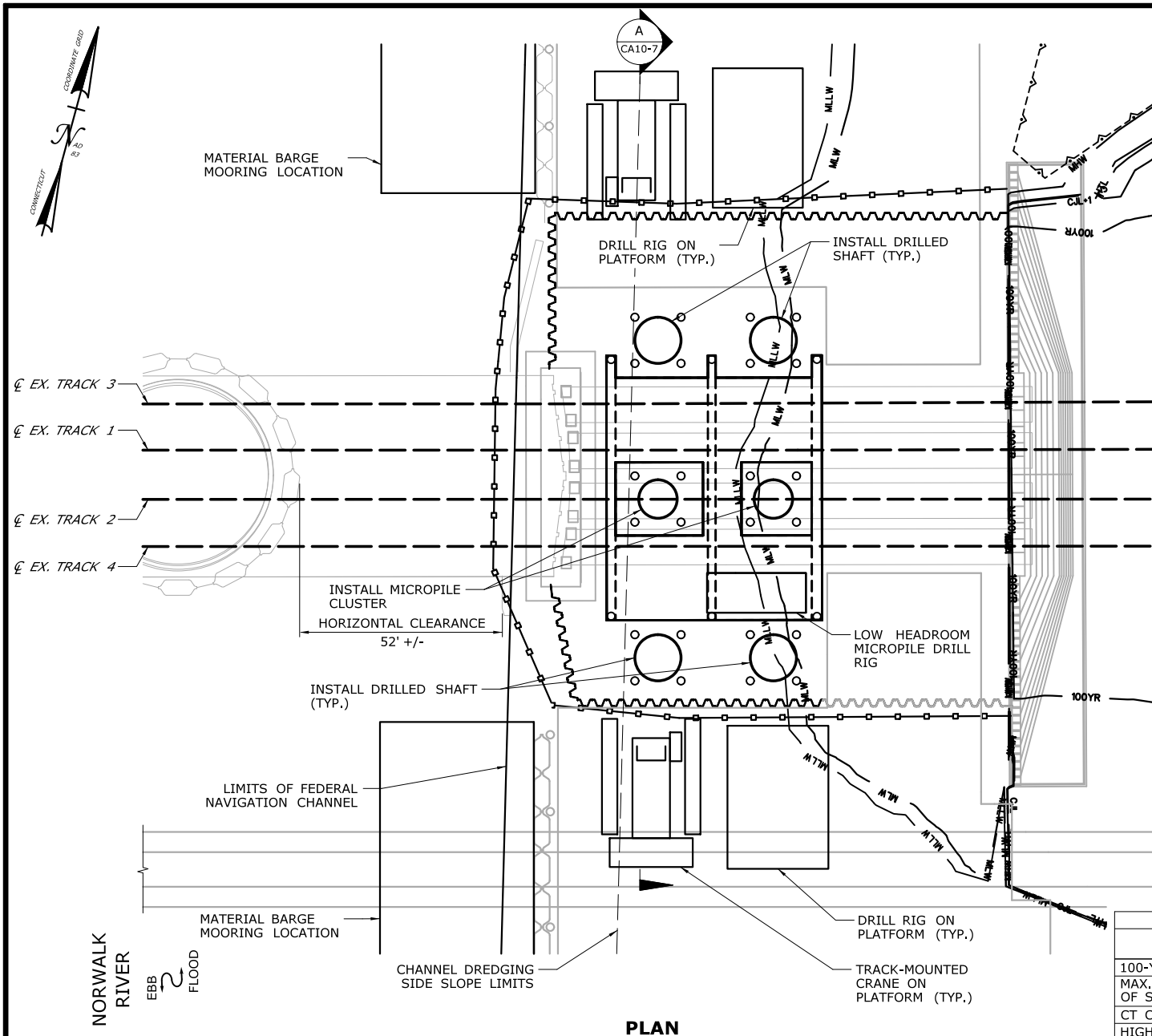
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA10-2



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 3 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE EAST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
X	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).
	RESTORE WETLAND AREA TO PRE-CONSTRUCTION CONDITIONS (SEE ALSO ACTIVITY 16).

NOTES:

1. VERTICAL IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
3. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 3 OF 7)**

PROJECT NO.:

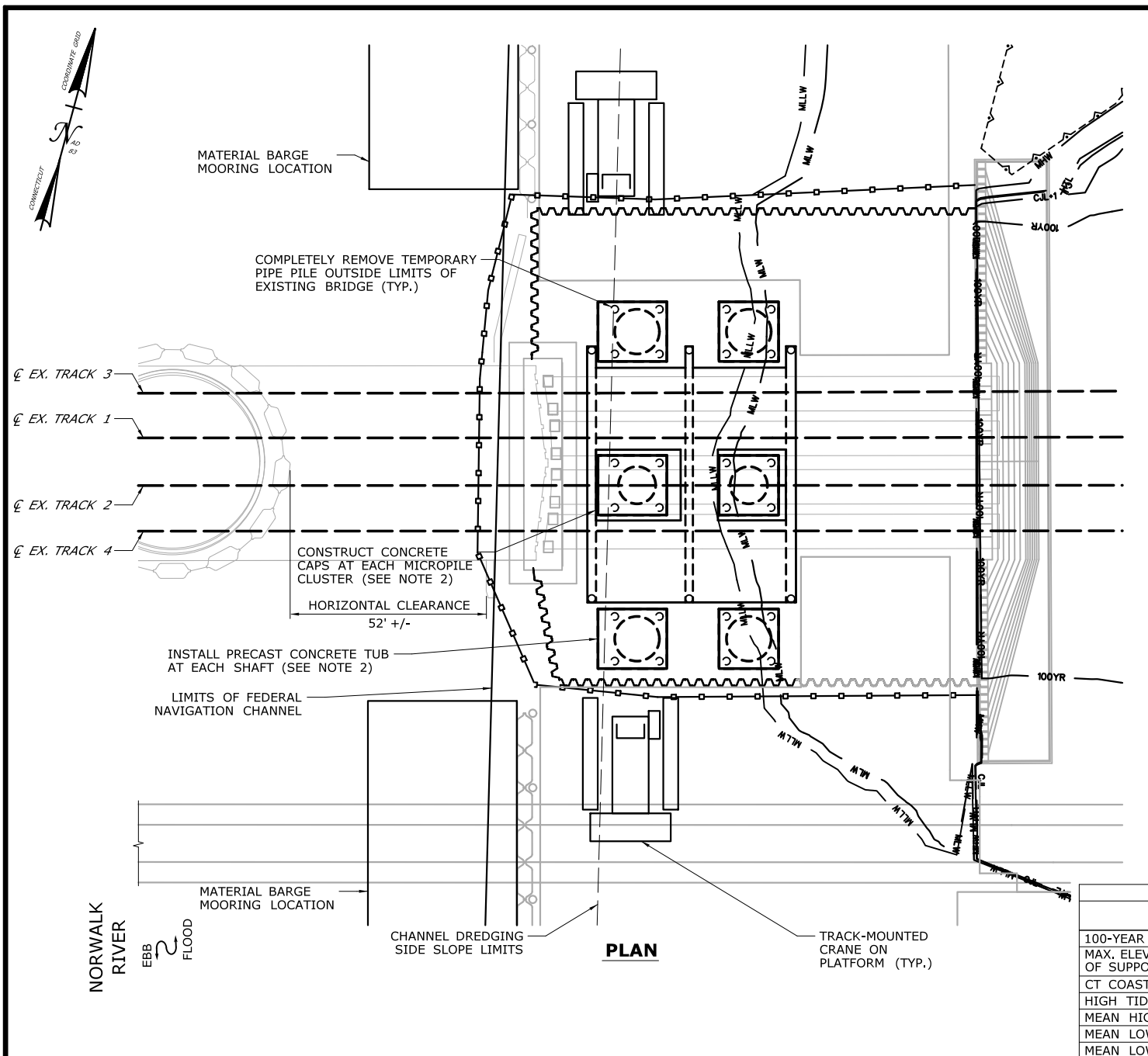
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA10-3



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 3 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE EAST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
X	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
X	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).
	RESTORE WETLAND AREA TO PRE-CONSTRUCTION CONDITIONS (SEE ALSO ACTIVITY 16).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. BOTTOM OF CAP ELEVATION IS EL. -5.0 (NAVD88) (-1.02 MLLW).
3. A CONTAINMENT SHIELD WILL BE USED TO ELIMINATE SPILLAGE OF CONCRETE INTO THE WATER.
4. TEMPORARY PILES ARE ANTICIPATED TO BE 36" (MAX.) DIAMETER PIPE PILES.
5. SEE VESSEL BERTHING PLAN FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 4 OF 7)**

PROJECT NO.:

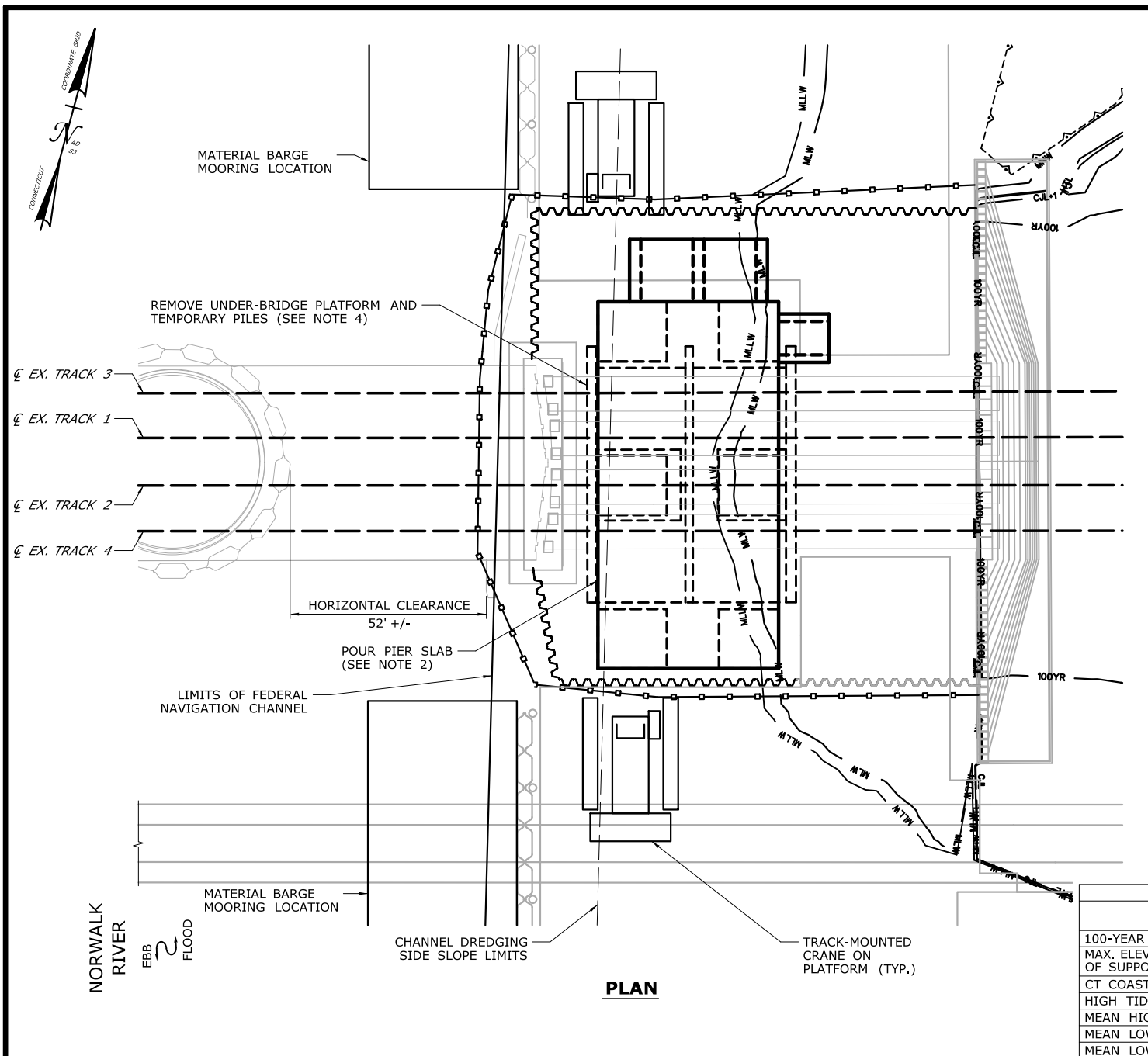
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA10-4



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 3 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE EAST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
X	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
X	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).
	RESTORE WETLAND AREA TO PRE-CONSTRUCTION CONDITIONS (SEE ALSO ACTIVITY 16).

NOTES:

- VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
- BOTTOM OF SLAB ELEVATION IS EL. 10.0 (13.98 MLLW).
- A CONTAINMENT SHIELD WILL BE USED TO ELIMINATE SPILLAGE OF CONCRETE INTO THE WATER.
- TEMPORARY PILES SHALL BE CUT OFF 2 FEET BELOW MUDLINE. SEE CUT-OFF PILE DETAIL ON DWG. NO. CA10-7.
- SEE VESSEL BERTHING PLAN FOR TYPICAL BARGE SIZES.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 5 OF 7)**

PROJECT NO.:

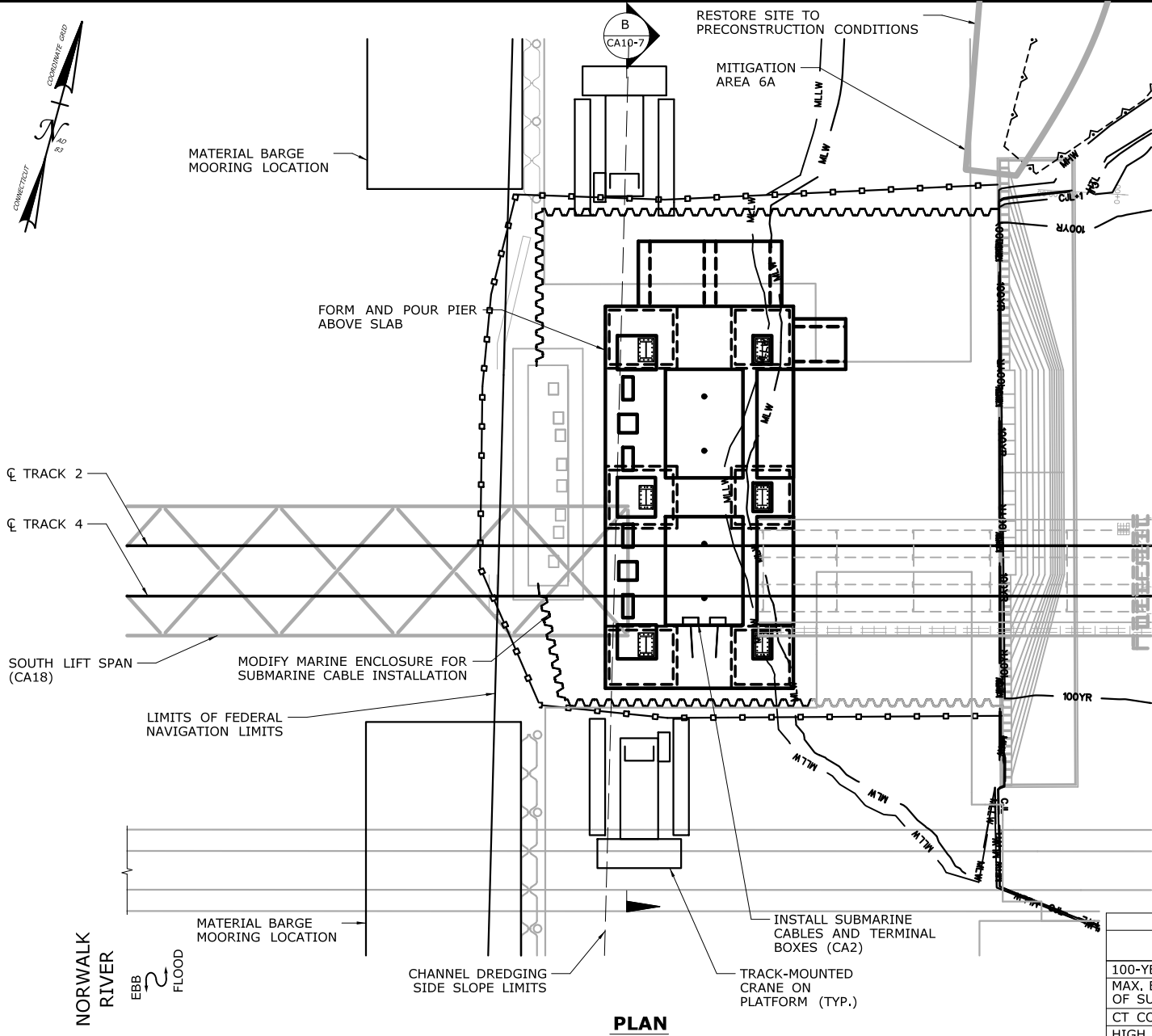
0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA10-5



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD PIER 3 WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	CLOSE EAST CHANNEL TO NAVIGATION.
	SET TURBIDITY CURTAIN AND INSTALL MARINE ENCLOSURE.
	EXCAVATE WITHIN MARINE ENCLOSURE.
	INSTALL TEMPORARY PILES AND UNDER-BRIDGE WORK PLATFORM.
	INSTALL DRILLED SHAFTS OUTSIDE THE LIMITS OF THE EXISTING BRIDGE AND INSTALL MICROPILES BENEATH THE EXISTING BRIDGE.
	REMOVE TEMPORARY PILES OUTSIDE THE LIMITS OF THE EXISTING BRIDGE.
	CONSTRUCT CONCRETE CAPS AND INSTALL PRECAST CONCRETE TUBS AT FOUNDATIONS.
	FORM, SET REINFORCING STEEL, AND POUR THE CONCRETE PIER SLAB.
	REMOVE THE UNDER-BRIDGE WORK PLATFORM AND CUT-OFF THE REMAINING TEMPORARY PILES.
X	FORM, SET REINFORCING STEEL AND ANCHOR BOLTS, AND POUR THE REMAINING PIER CONCRETE ABOVE THE SLAB.
X	INSTALL SUBMARINE CABLES AND TERMINAL BOXES (SEE ACTIVITY 2).
X	RESTORE WETLAND AREA TO PRE-CONSTRUCTION CONDITIONS (SEE ALSO ACTIVITY 16).

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. FINAL CONCRETE POUR WILL TAKE PLACE FOLLOWING INSTALLATION OF THE SOUTH LIFT SPAN DURING A SERVICE OUTAGE ON TRACKS 1 AND 3.
3. THE MARINE ENCLOSURE WILL BE MODIFIED AS NEED TO INSTALL BRIDGE POWER AND CONTROL DUCTS.
4. THE MARINE ENCLOSURE WILL BE USED DURING EXISTING PIER REMOVAL AS PART OF ACTIVITY 14.

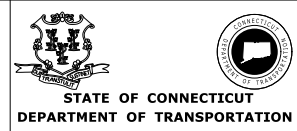
ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:
SCALE IN FEET
0 20 40
SCALE 1"=40'

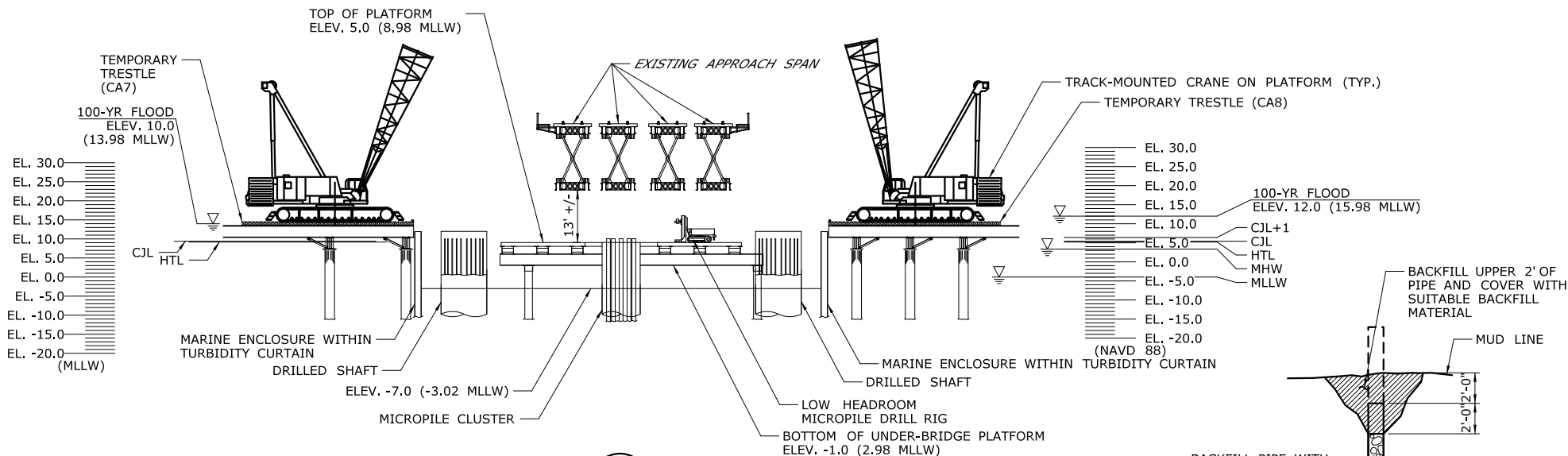
DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



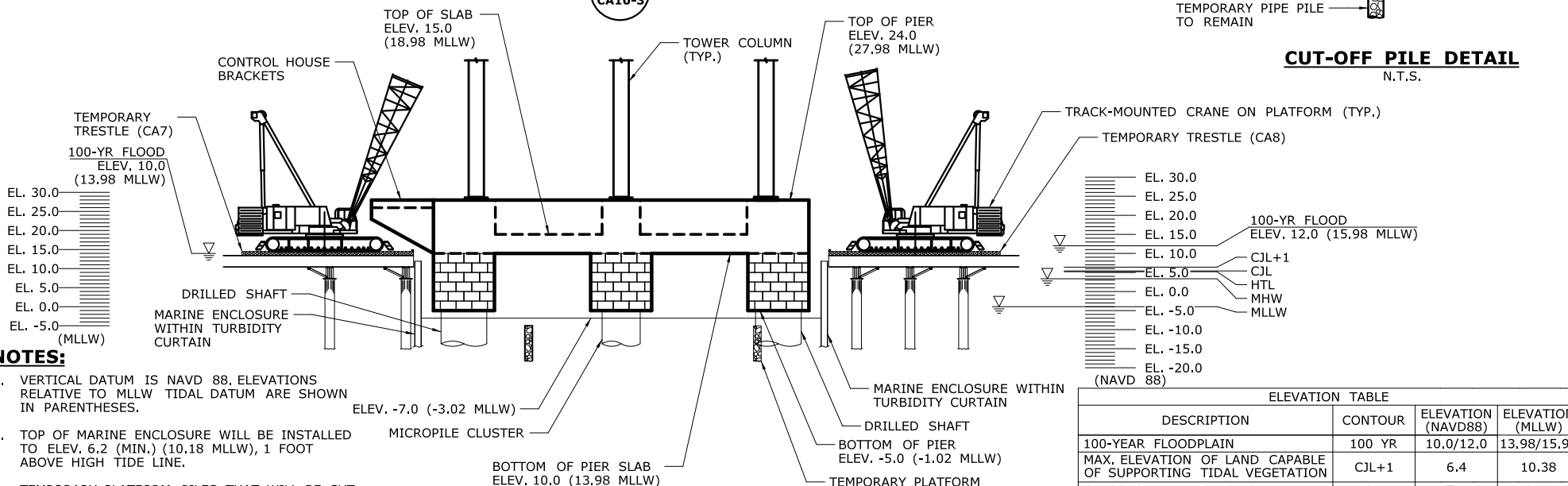
PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:
NORWALK
DRAWING TITLE:
**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 6 OF 7)**
PROJECT NO.:
0301-0176
DATE:
REV 7-31-20
DRAWING NO.:
CA10-6



A VIEW
CA10-3

CUT-OFF PILE DETAIL
N.T.S.



B VIEW
CA10-6

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. TOP OF MARINE ENCLOSURE WILL BE INSTALLED TO ELEV. 6.2 (MIN.) (10.18 MLLW), 1 FOOT ABOVE HIGH TIDE LINE.
3. TEMPORARY PLATFORM PILES THAT WILL BE CUT OFF AND BURIED WILL BE BACKFILLED WITH STONE AFTER INSTALLATION, PRIOR TO BUILDING THE PIER SLAB.
4. FOR TRESTLE ELEVATIONS, SEE CA7 AND CA8.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	C.J.L.+1	6.4	10.38
CT COASTAL JURISDICTION LINE	C.J.L.	5.4	9.38
HIGH TIDE LINE	H.T.L.	5.2	9.18
MEAN HIGH WATER LINE	M.H.W.	3.35	7.33
MEAN LOW WATER LINE	M.L.W.	-3.72	0.26
MEAN LOWER LOW WATER LINE	M.L.L.W.	-3.98	0

SCALE:

SCALE IN FEET
0 20 40
SCALE 1"=40'
(EXCEPT AS NOTED)

DRAWN:
T. ADINOLFI
CHECKED:
V. ROBBINS
APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 10
PIER 3 CONSTRUCTION
(SHEET 7 OF 7)**

PROJECT NO.:

0301-0176

DATE:

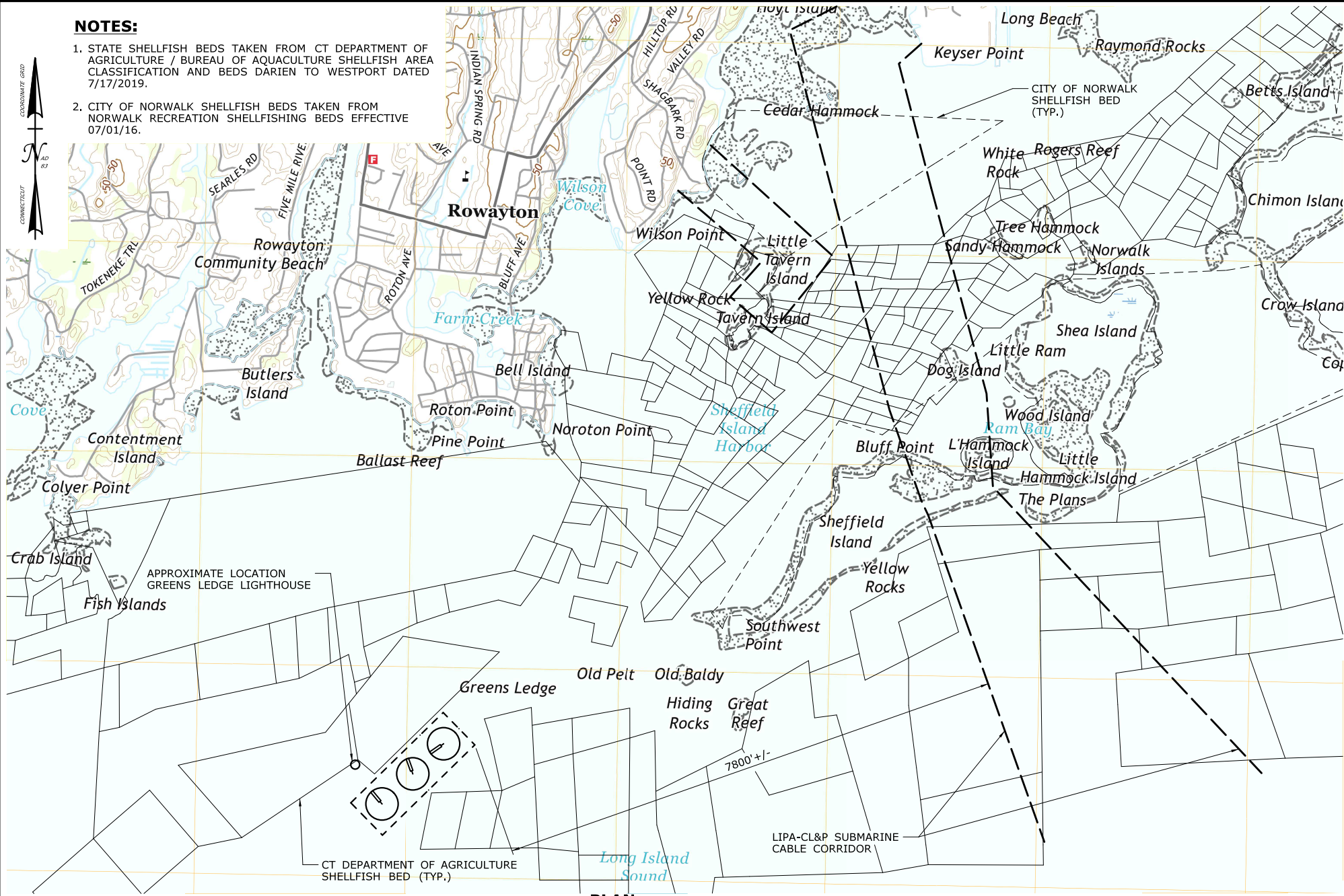
REV 7-31-20

DRAWING NO.:

CA10-7

NOTES:

1. STATE SHELLFISH BEDS TAKEN FROM CT DEPARTMENT OF AGRICULTURE / BUREAU OF AQUACULTURE SHELLFISH AREA CLASSIFICATION AND BEDS DARIEN TO WESTPORT DATED 7/17/2019.
2. CITY OF NORWALK SHELLFISH BEDS TAKEN FROM NORWALK RECREATION SHELLFISHING BEDS EFFECTIVE 07/01/16.



PLAN

SCALE:
SCALE 1" = 2000'
0 1000 2000

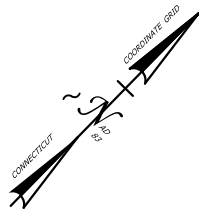
DRAWN:
T. ADINOLFI
CHECKED:
L. COLES
APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:
**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

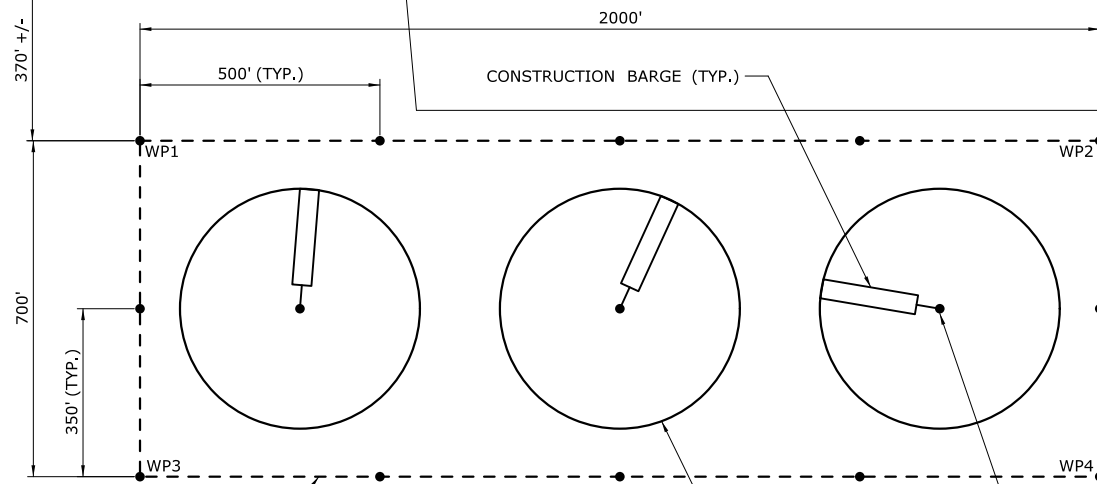
TOWN: NORWALK	PROJECT NO.: 0301-0176
DRAWING TITLE: ACTIVITY 11 BARGE MOORING (SHEET 2 OF 6)	DATE: REV 02-23-21
	DRAWING NO.: CA11-2



GREENS
LEDGE
LIGHTHOUSE

LONG ISLAND
SOUND

CT SHELLFISH BED L482W



LIMITS OF MOORING BUOY LOCATION

CT SHELLFISH BED 1163W

CT SHELLFISH BED L482E

MARKER BUOY (TYP.)

INSTALL AND LATER REMOVE
MOORING BUOY AND ANCHOR (TYP.)

CT SHELLFISH BED 1193

PLAN

WORKING POINT	NORTHING	EASTING
WP1	576,078	808,522
WP2	577,475	809,953
WP3	575,577	809,012
WP4	576,974	810,442

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD BARGE MOORINGS WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	INSTALL MOORING BUOY AND ANCHOR.
X	REMOVE MOORING BUOY AND ANCHOR AT END OF CONSTRUCTION.

NOTES:

1. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
2. NO DREDGING IS REQUIRED FOR ANY BARGE MOORING LOCATIONS.
3. TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTS) WILL BE COORDINATED WITH THE USCG.
4. THIS LOCATION IS OUTSIDE THE LIMITS OF THE FEDERAL NAVIGATION CHANNEL FOR THE NORWALK RIVER.
5. MOORING LOCATIONS WILL NOT EXCEED THE DEPICTED LIMITS AT ANY TIDE.

SCALE:

SCALE 1" = 400'
0 200 400

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 11
BARGE MOORING
(SHEET 3 OF 6)**

PROJECT NO.:

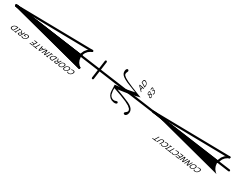
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA11-3



CONSTRUCTION SEQUENCE

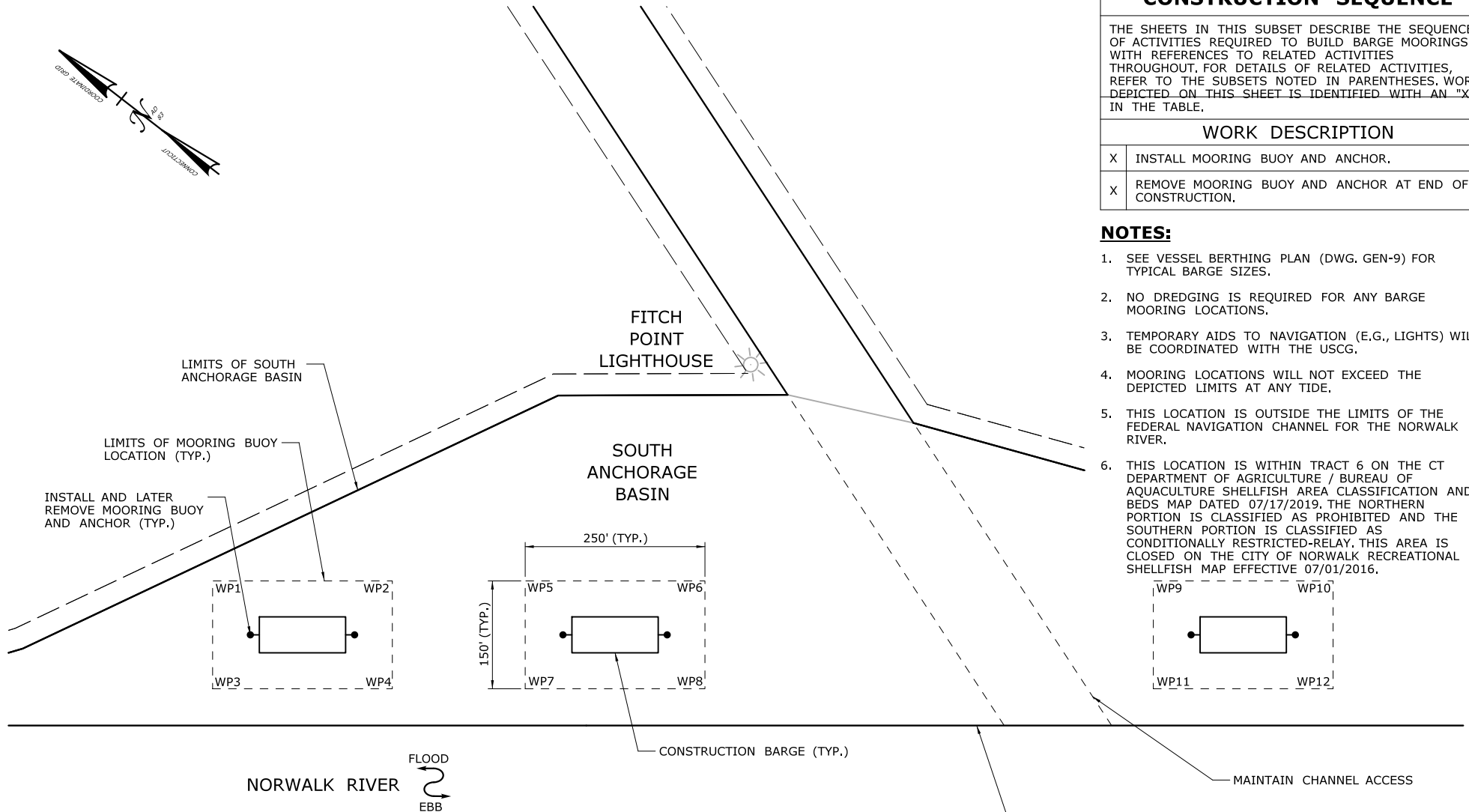
THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD BARGE MOORINGS WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	INSTALL MOORING BUOY AND ANCHOR.
X	REMOVE MOORING BUOY AND ANCHOR AT END OF CONSTRUCTION.

NOTES:

- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- NO DREDGING IS REQUIRED FOR ANY BARGE MOORING LOCATIONS.
- TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTS) WILL BE COORDINATED WITH THE USCG.
- MOORING LOCATIONS WILL NOT EXCEED THE DEPICTED LIMITS AT ANY TIDE.
- THIS LOCATION IS OUTSIDE THE LIMITS OF THE FEDERAL NAVIGATION CHANNEL FOR THE NORWALK RIVER.
- THIS LOCATION IS WITHIN TRACT 6 ON THE CT DEPARTMENT OF AGRICULTURE / BUREAU OF AQUACULTURE SHELLFISH AREA CLASSIFICATION AND BEDS MAP DATED 07/17/2019. THE NORTHERN PORTION IS CLASSIFIED AS PROHIBITED AND THE SOUTHERN PORTION IS CLASSIFIED AS CONDITIONALLY RESTRICTED-RELAY. THIS AREA IS CLOSED ON THE CITY OF NORWALK RECREATIONAL SHELLFISH MAP EFFECTIVE 07/01/2016.



WORKING POINT	NORTHING	EASTING	WORKING POINT	NORTHING	EASTING
WP1	595,301	818,600	WP7	594,866	818,747
WP2	595,104	818,753	WP8	594,668	818,901
WP3	595,209	818,481	WP9	594,267	819,401
WP4	595,012	818,634	WP10	594,070	819,554
WP5	594,958	818,866	WP11	594,175	819,283
WP6	594,760	819,019	WP12	593,978	819,436

PLAN

SCALE:

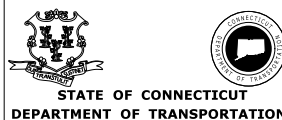
SCALE 1" = 200'

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 11
BARGE MOORING
(SHEET 4 OF 6)**

PROJECT NO.:

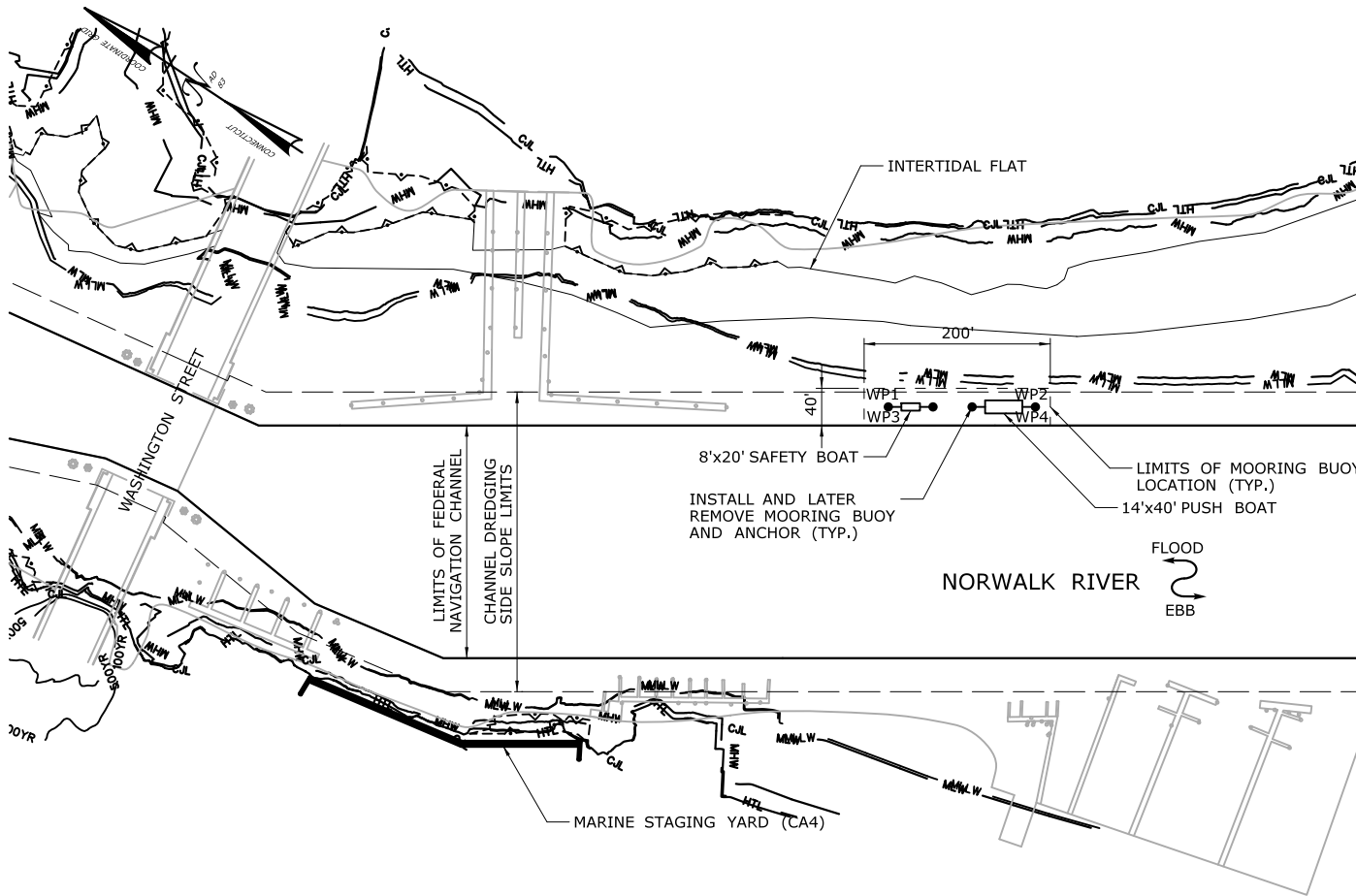
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA11-4



PLAN

WORKING POINT	NORTHING	EASTING
WP1	596,871	817,238
WP2	596,704	817,349
WP3	596,849	817,205
WP4	596,682	817,316

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO BUILD BARGE MOORINGS WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	INSTALL MOORING BUOY AND ANCHOR.
X	REMOVE MOORING BUOY AND ANCHOR AT END OF CONSTRUCTION.

NOTES:

1. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
2. NO DREDGING IS REQUIRED FOR ANY BARGE MOORING LOCATIONS.
3. TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTS) WILL BE COORDINATED WITH THE USCG.
4. MOORING LOCATIONS WILL NOT EXCEED THE DEPICTED LIMITS AT ANY TIDE.
5. THIS LOCATION WILL BE USED TO MOOR SMALLER WORK BOATS AND CONSTRUCTION VESSELS.
6. THIS LOCATION IS OUTSIDE THE LIMITS FOR THE FEDERAL NAVIGATION CHANNEL FOR THE NORWALK RIVER.

SCALE:

SCALE 1" = 200'

0 100 200

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 11
BARGE MOORING
(SHEET 5 OF 6)**

PROJECT NO.:

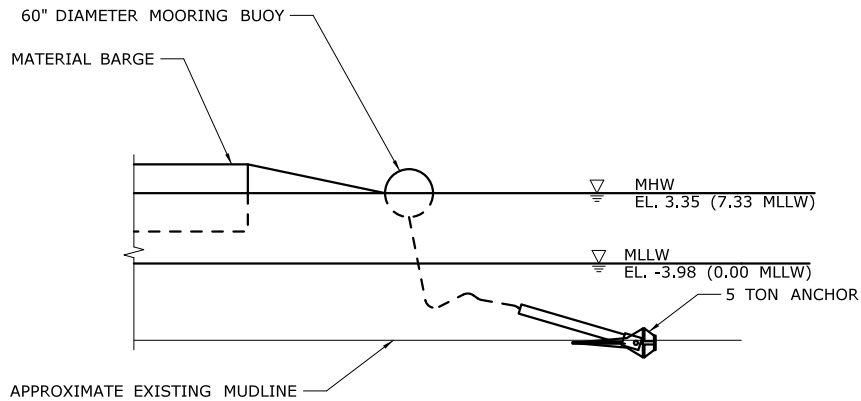
0301-0176

DATE:

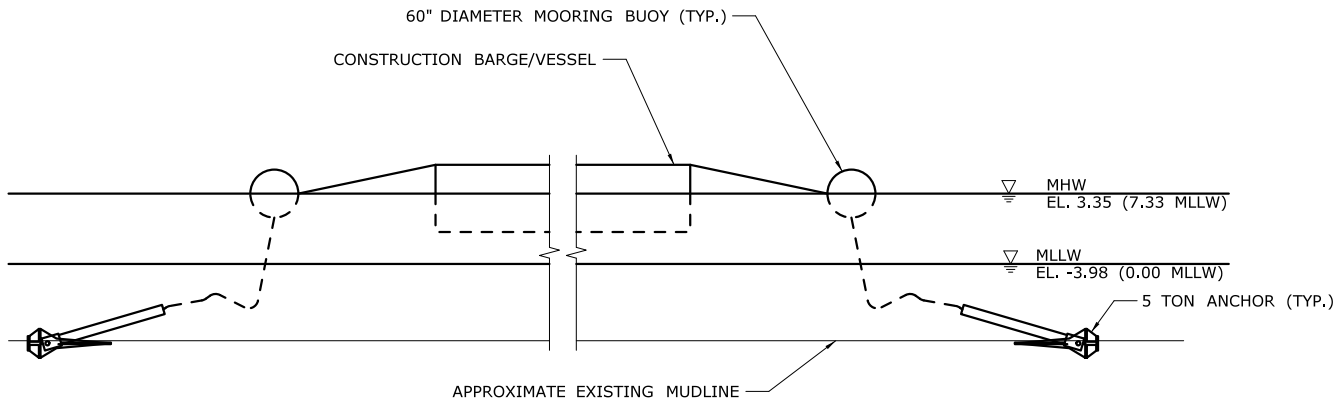
REV 02-23-21

DRAWING NO.:

CA11-5



SWING MOORING DETAIL



FIXED MOORING DETAIL

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	14.0	17.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0.00

SCALE:

SCALE 1" = 20'

0 10 20

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 11
BARGE MOORING
(SHEET 6 OF 6)**

PROJECT NO.:

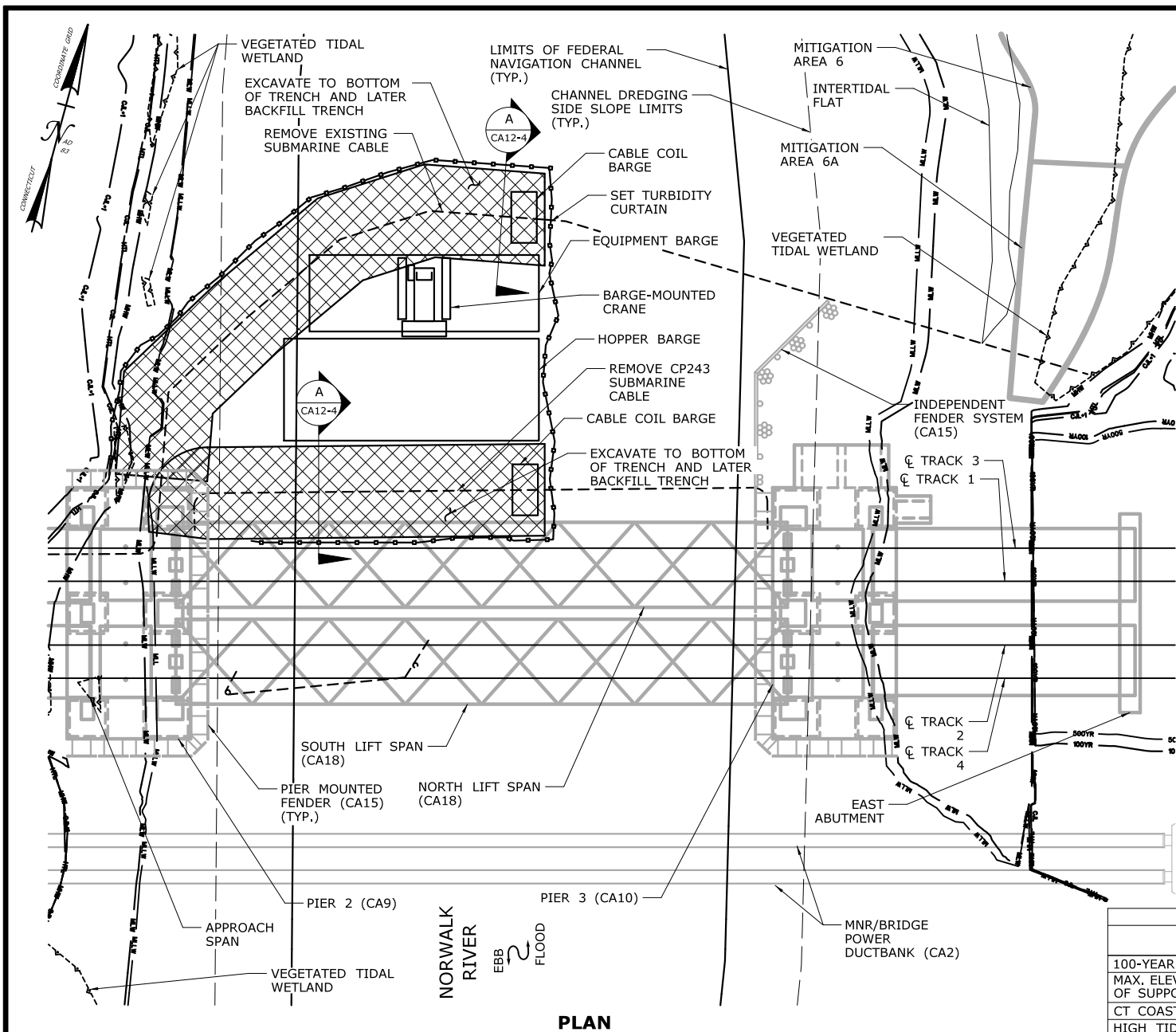
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA11-6



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE EXISTING SUBMARINE CABLES WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

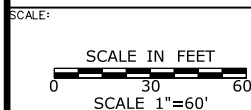
X	RESTRICT NAVIGATION TO ONE CHANNEL. MOBILIZE BARGES TO CLOSED CHANNEL.
X	SET TURBIDITY CURTAIN.
X	EXCAVATE TO BOTTOM OF TRENCH.
X	REMOVE EXISTING SUBMARINE CABLES WITHIN LIMITS OF EXCAVATION.
X	BACKFILL TRENCH.
	MOVE NAVIGATION RESTRICTION TO THE OTHER CHANNEL. MOBILIZE BARGES.
	SET TURBIDITY CURTAIN.
	EXCAVATE TO BOTTOM OF TRENCH.
	REMOVE REMAINDER OF EXISTING SUBMARINE CABLES.
	BACKFILL TRENCH.

NOTES:

1. BARGE AND TURBIDITY CURTAIN PLACEMENT WILL BE ADJUSTED AS NEEDED FOR EXCAVATION ACCESS.
2. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
3. WORK DEPICTED AS PROGRESSING FROM WEST CHANNEL TO EAST CHANNEL FOR ILLUSTRATION PURPOSES AND MAY BE REVERSED. IN EITHER CASE, ONLY ONE CHANNEL WILL BE OCCUPIED AT A TIME.
4. TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTS) WILL BE COORDINATED WITH THE USCG.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
6. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
7. THIS WORK SHALL BE CONDUCTED IN THE UNCONFINED DREDGING WINDOW IN DECEMBER AND JANUARY.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0



DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 12
SUBMARINE CABLE
REMOVAL (1 OF 4)**

PROJECT NO.:

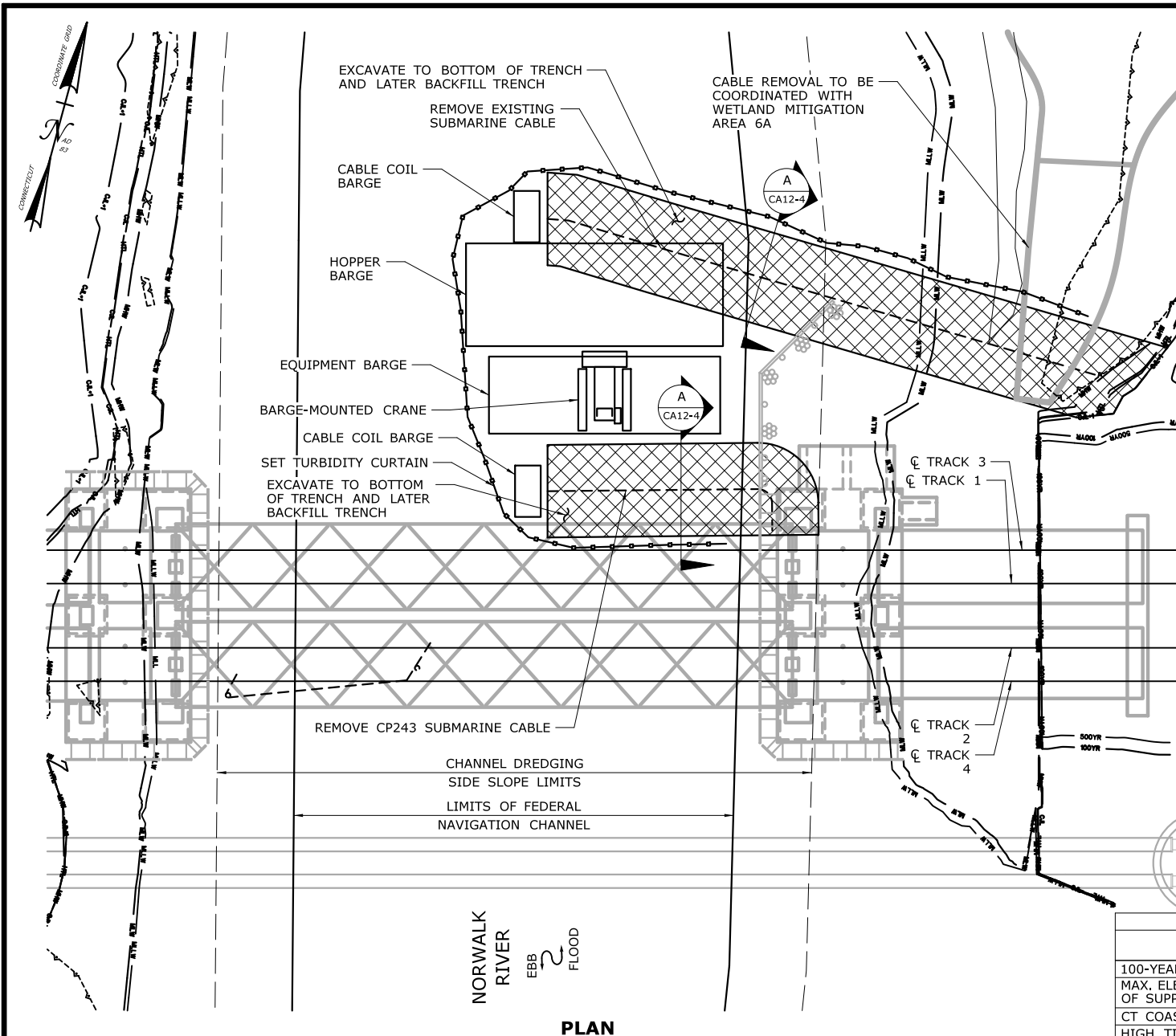
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA12-1



CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE EXISTING SUBMARINE CABLES WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

	RESTRICT NAVIGATION TO ONE CHANNEL. MOBILIZE BARGES TO CLOSED CHANNEL.
	SET TURBIDITY CURTAIN.
	EXCAVATE TO BOTTOM OF TRENCH.
	REMOVE EXISTING SUBMARINE CABLES WITHIN LIMITS OF EXCAVATION.
	BACKFILL TRENCH.
X	MOVE NAVIGATION RESTRICTION TO THE OTHER CHANNEL. MOBILIZE BARGES.
X	SET TURBIDITY CURTAIN.
X	EXCAVATE TO BOTTOM OF TRENCH.
X	REMOVE REMAINDER OF EXISTING SUBMARINE CABLES.
X	BACKFILL TRENCH.

NOTES:

1. BARGE AND TURBIDITY CURTAIN PLACEMENT WILL BE ADJUSTED AS NEEDED FOR EXCAVATION ACCESS.
2. EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
3. WORK DEPICTED AS PROGRESSING FROM WEST CHANNEL TO EAST CHANNEL FOR ILLUSTRATION PURPOSES AND MAY BE REVERSED. IN EITHER CASE, ONLY ONE CHANNEL WILL BE OCCUPIED AT A TIME.
4. TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTS) WILL BE COORDINATED WITH THE USCG.
5. SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
6. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
7. THIS WORK SHALL BE CONDUCTED IN THE UNCONFINED DREDGING WINDOW IN DECEMBER AND JANUARY.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

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

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 12
SUBMARINE CABLE
REMOVAL (2 OF 4)**

PROJECT NO.:

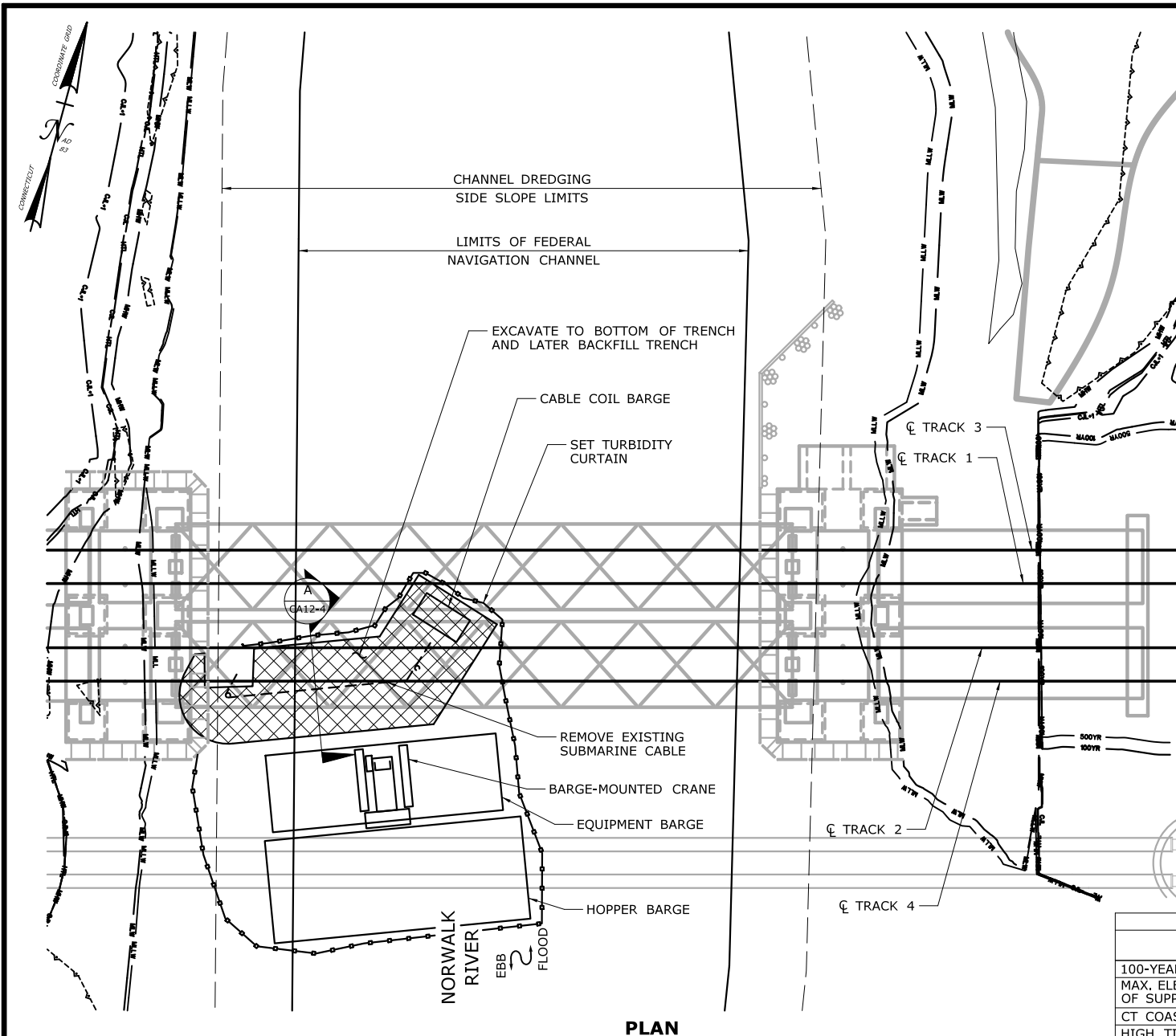
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA12-2



PLAN

CONSTRUCTION SEQUENCE

THE SHEETS IN THIS SUBSET DESCRIBE THE SEQUENCE OF ACTIVITIES REQUIRED TO REMOVE THE EXISTING SUBMARINE CABLES WITH REFERENCES TO RELATED ACTIVITIES THROUGHOUT. FOR DETAILS OF RELATED ACTIVITIES, REFER TO THE SUBSETS NOTED IN PARENTHESES. WORK DEPICTED ON THIS SHEET IS IDENTIFIED WITH AN "X" IN THE TABLE.

WORK DESCRIPTION

X	RESTRICT NAVIGATION TO EAST CHANNEL. MOBILIZE BARGES TO WEST CHANNEL.
X	SET TURBIDITY CURTAIN.
X	EXCAVATE TO BOTTOM OF TRENCH.
X	REMOVE EXISTING SUBMARINE CABLE.
X	BACKFILL TRENCH.

NOTES:

- BARGE AND TURBIDITY CURTAIN PLACEMENT WILL BE ADJUSTED AS NEEDED FOR EXCAVATION ACCESS.
- EXCAVATED MATERIAL AND DEWATERED WASTEWATERS SHALL BE MANAGED IN ACCORDANCE WITH THE ENVIRONMENTAL SPECIAL PROVISIONS AND CTDEEP REQUIREMENTS.
- TEMPORARY AIDS TO NAVIGATION (E.G., LIGHTS) WILL BE COORDINATED WITH THE USCG.
- SEE VESSEL BERTHING PLAN (DWG. GEN-9) FOR TYPICAL BARGE SIZES.
- THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.
- THIS WORK SHALL BE CONDUCTED IN THE UNCONFINED DREDGING WINDOW IN DECEMBER AND JANUARY.

ELEVATION TABLE

DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

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

DRAWN:
T. ADINOLFI

CHECKED:
V. ROBBINS

APPROVED:
C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 12
SUBMARINE CABLE
REMOVAL (3 OF 4)**

PROJECT NO.:

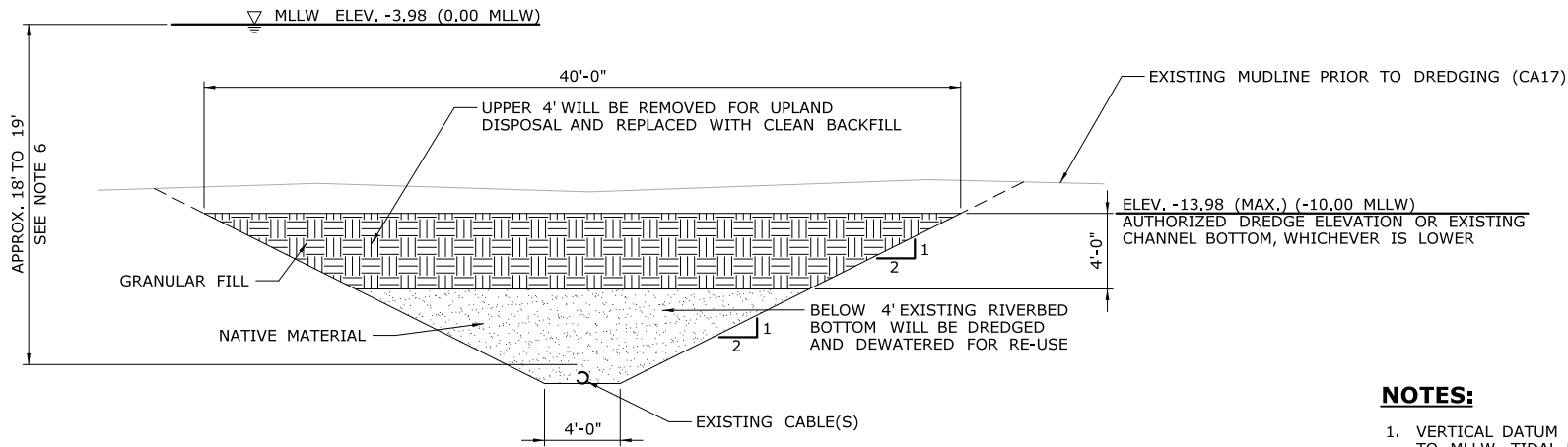
0301-0176

DATE:

REV 02-23-21

DRAWING NO.:

CA12-3



SECTION

A A A
CA12-1 CA12-2 CA12-3

NOTES:

1. VERTICAL DATUM IS NAVD 88. ELEVATIONS RELATIVE TO MLLW TIDAL DATUM ARE SHOWN IN PARENTHESES.
2. BACKFILL WILL CONSIST OF SOILS CONTAINING NO MORE THAN 25% SAND BY WEIGHT AND AN ORGANIC CONTENT NO LESS THAN 25% AND NO MORE THAN 40% BY WEIGHT.
3. UPPER 4' OF EXCAVATED MATERIAL TO BE TREATED AS CONTAMINATED AND DISPOSED OF AT AN APPROVED OFF-SITE LOCATION, REGARDLESS OF WHETHER DREDGING (SEE ACTIVITY 17) HAS OCCURRED AT THE EXCAVATION.
4. UPPER 4' OF EXCAVATED MATERIAL ALONG THE CP243 CABLE ROUTE WILL HAVE BEEN RECENTLY PLACED AND MAY BE TESTED FOR CONTAMINATION TO DETERMINE SUITABILITY FOR RE-USE AS BACKFILL.
5. IF MATERIAL BELOW 4' IS FOUND TO BE CONTAMINATED OR OTHERWISE DETERMINED UNSUITABLE FOR RE-USE, IT WILL BE REPLACED WITH CLEAN BACKFILL.
6. EXISTING CABLE DEPTH BELOW RIVER BOTTOM VARIES. AVAILABLE AS-BUILT INFORMATION INDICATES CABLE DEPTHS APPROXIMATELY 8' TO 9' BELOW THE AUTHORIZED DREDGE ELEVATION.
7. TRENCH DIMENSIONS SHOWN ARE BASED ON ASSUMED CABLE DEPTHS AND MAY VARY WITH ACTUALLY FIELD CONDITIONS.
8. THIS ACTIVITY IS CONTAINED ENTIRELY WITHIN THE 100-YR FLOODPLAIN.

ELEVATION TABLE			
DESCRIPTION	CONTOUR	ELEVATION (NAVD88)	ELEVATION (MLLW)
100-YEAR FLOODPLAIN	100 YR	10.0/12.0	13.98/15.98
MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION	CJL+1	6.4	10.38
CT COASTAL JURISDICTION LINE	CJL	5.4	9.38
HIGH TIDE LINE	HTL	5.2	9.18
MEAN HIGH WATER LINE	MHW	3.35	7.33
MEAN LOW WATER LINE	MLW	-3.72	0.26
MEAN LOWER LOW WATER LINE	MLLW	-3.98	0

SCALE:

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

DRAWN:

T. ADINOLFI

CHECKED:

V. ROBBINS

APPROVED:

C. BROWN

SIGNATURE BLOCK:



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT TITLE:

**WALK BRIDGE REPLACEMENT
OVER THE NORWALK RIVER
BRIDGE NO. 04288R/MP 41.5**

TOWN:

NORWALK

DRAWING TITLE:

**ACTIVITY 12
SUBMARINE CABLE
REMOVAL (4 OF 4)**

PROJECT NO.:

0301-0176

DATE:

REV 7-31-20

DRAWING NO.:

CA12-4