LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

GENERAL NOTES:

1. CONSTRUCTION SPECIFICATIONS:
2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818, DATED 2020; JULY 2023 SUPPLEMENTS AND PROJECT SPECIFIC SPECIAL PROVISIONS.
3. COORDINATES BASED ON NORTH AMERICAN DATUM 1983 (N.A.D. 1983) VERTICAL DATUM BASED ON NAVD 1988 BASED UPON FIELD TOPOGRAPHIC SURVEY CONDUCTED BY SLR INTERNATIONAL CORPORATION, INC. COMPILED FROM VARIOUS SOURCES AND MEETS A-2/T-2 STANDARDS.
4. INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
5. SLR INTERNATIONAL CORPORATION, INC. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
6. THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE, CABLE TELEVISION AND GAS UTILITIES ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES. LIMITS SHOWN ON THE PLANS ARE GRAPHICAL.
7. THE DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
8. SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED.
9. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
10. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK.
11. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF THE CONTRACTOR.
12. THE CONTRACTOR MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SEDIMENTATION CONTROL UNTIL ALL CONSTRUCTION ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

DISCLAIMER:

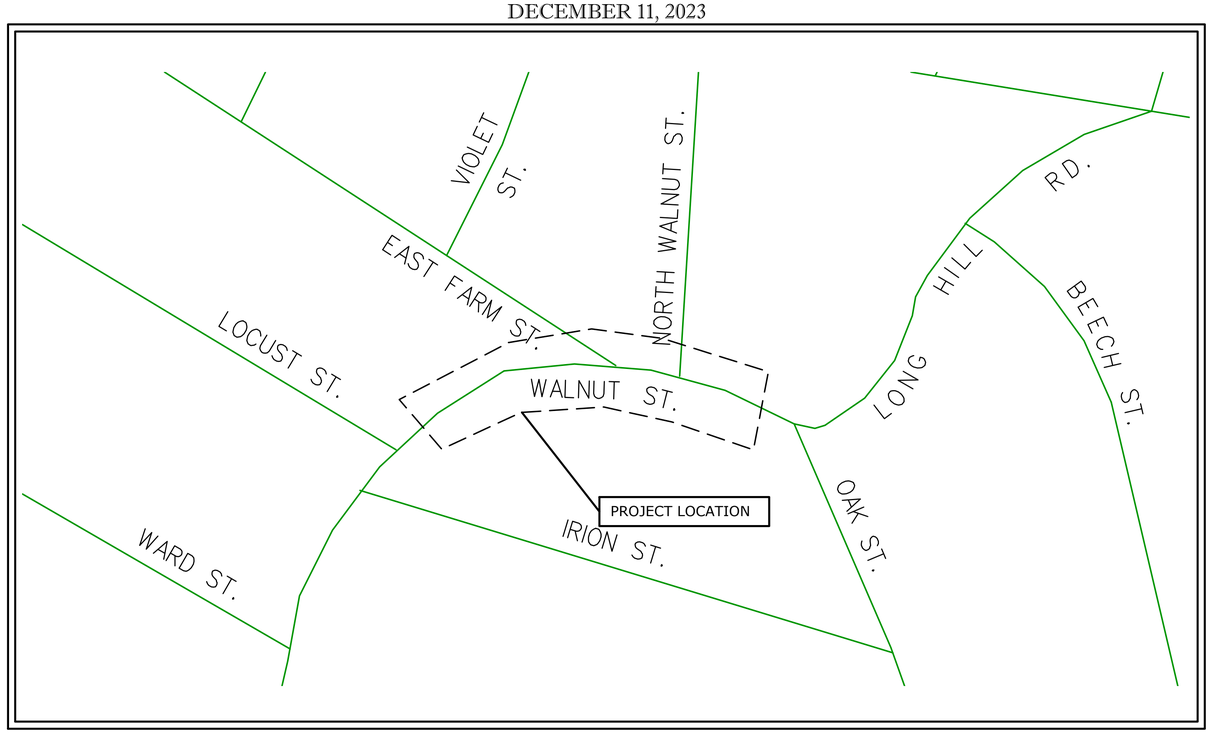
IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM THE CITY OF WATERBURY.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE CITY OF WATERBURY TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

Know what's **below.**
Call before you dig.
www.cbyd.com

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET WATERBURY, CONNECTICUT

FINAL DESIGN
STATE PROJECT NO. 151-337
FEDERAL AID NO. 1151(123)
DECEMBER 11, 2023



PROJECT SITE VICINITY MAP:

0' 50' 100'
0 1/2" 1"
SCALE 1" = 100'

LIST OF DRAWINGS

NO.	NAME	TITLE
01	--	TITLE
02	EST-01	DETAILED ESTIMATE SHEET
03	IND-01	INDEX PLAN
04	EX-01	EXISTING CONDITIONS AND BASELINE LAYOUT PLAN
05	TYP	TYPICAL CROSS SECTIONS
06	PLN-01	ROADWAY PLANS
07 - 09	PRO-01 - PRO-03	ROADWAY PROFILES
10 - 16	X-SEC 1- X-SEC 7	CROSS SECTIONS
17	SPM-01	SIGNING AND PAVEMENT MARKING PLANS
18 - 23	MDS-01 - MDS-05	MISCELLANEOUS DETAILS
		CTDOT TRAFFIC STANDARD DETAILS
		CTDOT HIGHWAY STANDARD DETAILS

PREPARED FOR:

CITY OF WATERBURY
185 SOUTH MAIN STREET
WATERBURY, CT 06706

PREPARED BY:

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

KWESI BROWN, P.E.
CONN. PROFESSIONAL REG. NO. 26024
DATE:

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ROADWAY AND STRUCTURE ITEMS

ITEM NUMBER	0202000A	0202452	0202502	0202503	0202529	0209001	0219011A	0304002	0406159	0406170	0406236	0409001	0586001.10	0586500.10	0586601	0586651	0601923	0686000.12	0811001	0921001	0921005	0924004	0921048	0950019	0969060	0970006	0970007	0978002	0979003	0979004A	0981100	1206023A	1210101	1210102	1210105	1220027	1302061A	1302062A	1403501A	0971001A	0975004	0980020	CC1000001
ITEM	EARTH EXCAVATION	TEST PIT	REMOVAL OF CONCRETE PAVEMENT	REMOVAL OF CONCRETE CURB	CUT BITUMINOUS CONCRETE PAVEMENT	FORMATION OF SUBGRADE	SEDIMENT CONTROL SYSTEM AT CATCH BASIN	PROCESSED AGGREGATE BASE	PMA S0.5	HMA S1	MATERIAL FOR TACK COAT	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	TYPE 'C' CATCH BASIN - 0' - 10' DEEP	MANHOLE - 0'-10' DEEP	RESET CATCH BASIN	RESET MANHOLE (STORM)	SAW CUTTING CONCRETE	12" R.C. PIPE - 0' - 10' DEEP	CONCRETE CURBING	CONCRETE SIDEWALK	CONCRETE SIDEWALK RAMP	CONCRETE DRIVEWAY RAMP	DETECTABLE WARNING SURFACE	TURF ESTABLISHMENT - LAWN	FIELD OFFICE - SMALL	TRAFFIC PERSON MUNICIPAL OFFICER	TRAFFICPERSON (UNIFORMED FLAGGER)	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION BARRICADE DETECTABLE	42" TRAFFIC CONE	REMOVAL AND RELOCATION OF EXISTING SIGNS	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	CONSTRUCTION SIGNS	ADJUST GATE BOX (WATER)	ADJUST GATE BOX (GAS)	REPLACE AND RESET MANHOLE FRAME AND COVER (SAN. SEWER)	MAINTENANCE AND PROTECTION OF TRAFFIC (±3%)	MOBILIZATION AND PROJECT CLOSEOUT (±5%)	CONSTRUCTION SURVEYING (±2%)	CCTV CAMERA INSTALLATION AND INTEGRATION
UNIT	CY	EA	SY	LF	LF	SY	EA	CY	TON	TON	GAL	SY	EA	EA	EA	EA	LF	LF	LF	SF	SF	SY	SF	SF	MO.	EST	HR	EA	EA	EA	EA	LS	LF	LF	SF	SF	EA	EA	EA	LS	LS	LS	LS
WALNUT STREET	40	3	20	1400	1400	225	10	75	330	80	310	2850	3	1	3	5	50	126	1400	7000	200	50	100	100	3	640	640	35	10	10	35	1	1500	1400	1500	200	10	10	4	LS	LS	LS	LS
SUBTOTAL	40	3	20	1400	1400	225	10	75	330	80	310	2850	3	1	3	5	50	126	1400	7000	200	50	100	20	3	640	640	35	10	10	35	1	1500	1400	1500	200	10	10	4	LS	LS	LS	
UNASSIGNED																																											
NON-PARTICIPATING																																											LS
TOTAL	40	3	20	1400	1400	225	10	75	330	80	310	2850	3	1	3	5	50	126	1400	7000	200	50	100	20	3	640	640	35	10	10	35	1	1500	1400	1500	200	10	10	4	LS	LS	LS	

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DESCRIPTION	DATE	BY

DETAILED ESTIMATE SHEET

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

DDS DRAWN | GAB CHECKED

DECEMBER 11, 2023
DATE

151-337
STATE PROJECT NO.

02 OF 22
DWG NO.

EST-01
SHEET NO.

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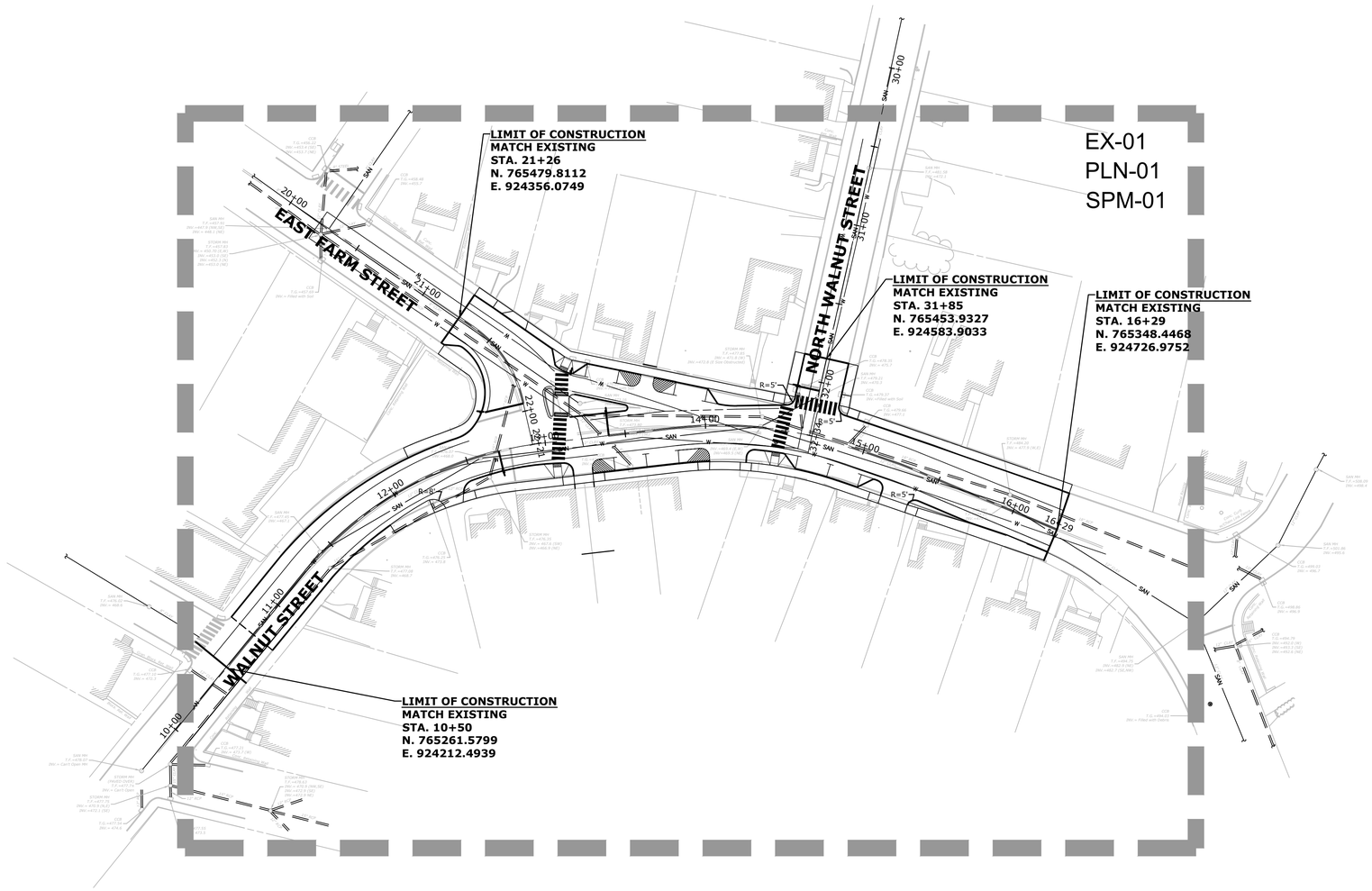

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DESCRIPTION	DATE	BY

INDEX PLAN

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	SMG	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=40'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 03 OF 23

SHEET NAME: IND-01

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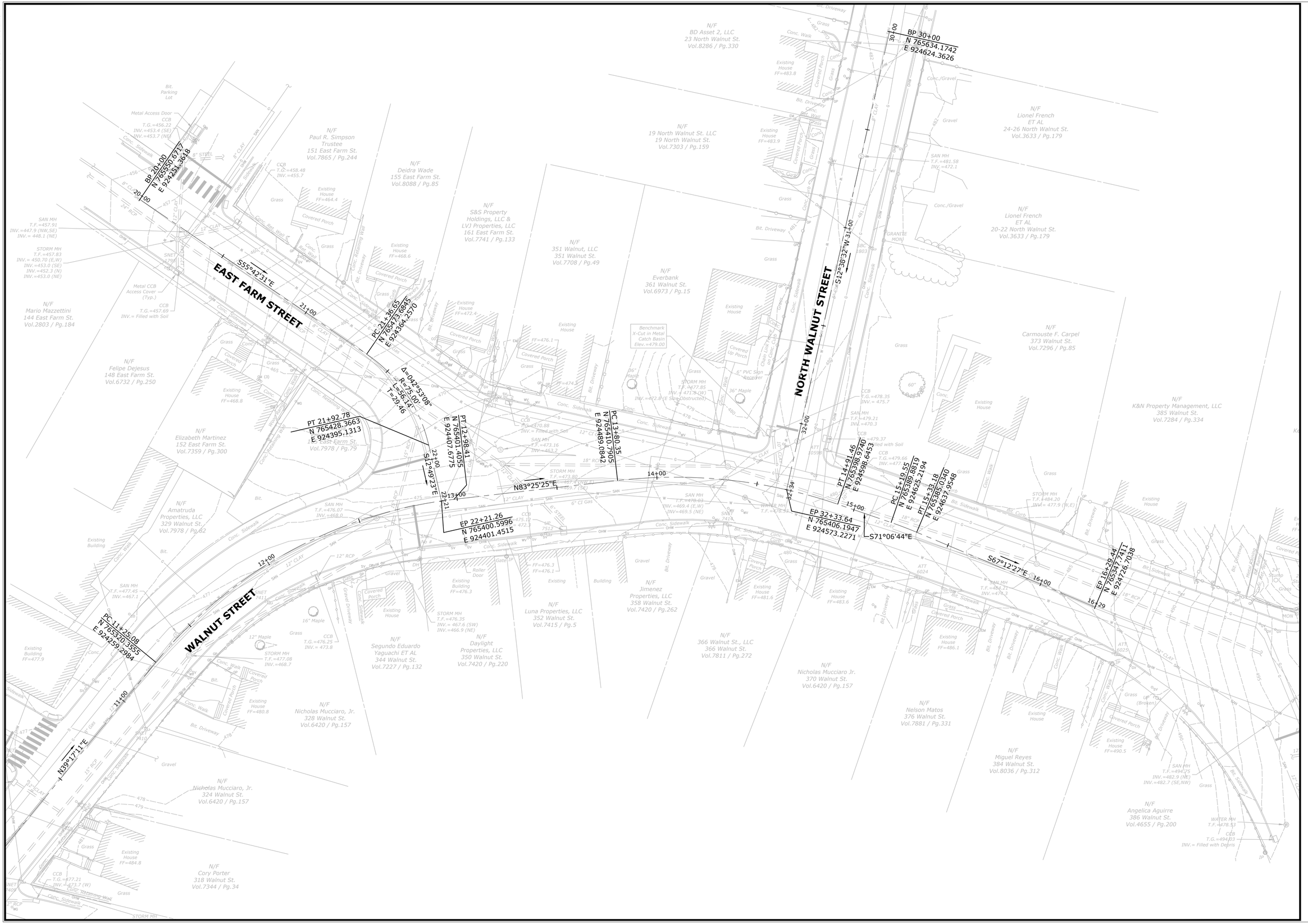

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DESCRIPTION	DATE	BY

EXISTING CONDITIONS AND BASELINE LAYOUT PLAN

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	SMG	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=20'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 04 OF 23

SHEET NAME: EX-01

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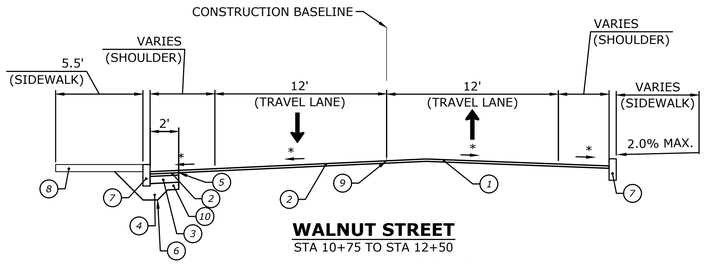
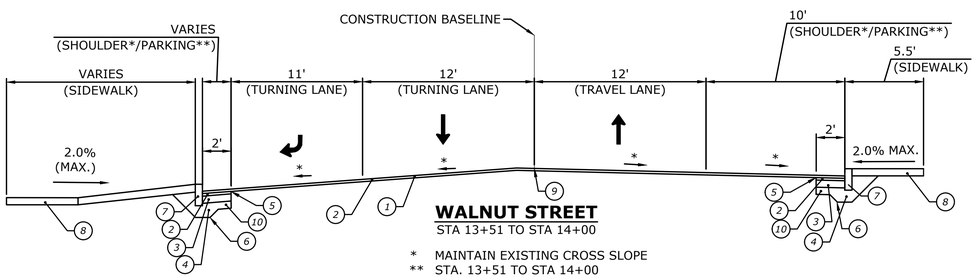


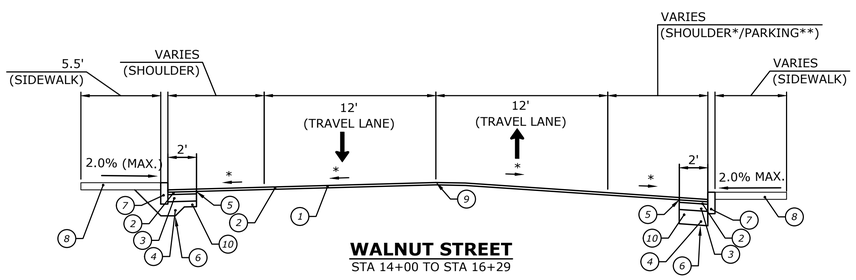
WALNUT STREET
STA 10+75 TO STA 12+50

* MAINTAIN EXISTING CROSS SLOPE



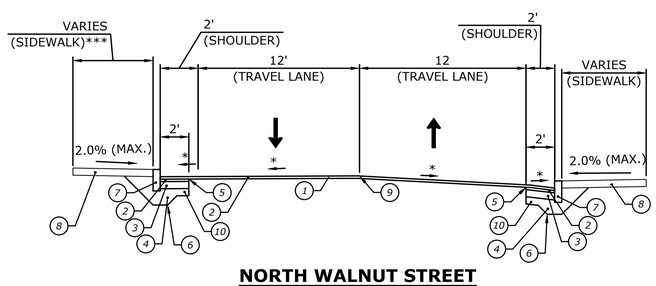
WALNUT STREET
STA 13+51 TO STA 14+00

* MAINTAIN EXISTING CROSS SLOPE
** STA. 13+51 TO STA 14+00



WALNUT STREET
STA 14+00 TO STA 16+29

* MAINTAIN EXISTING CROSS SLOPE
** STA. 14+60RT TO 15+02RT

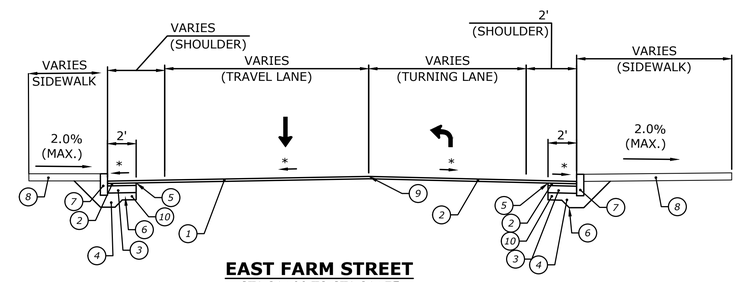


NORTH WALNUT STREET
STA 31+75 TO STA 32+17

* MAINTAIN EXISTING CROSS SLOPE

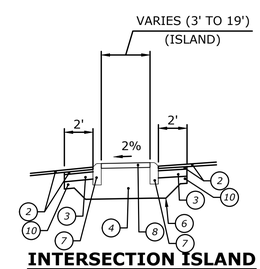
LEGEND

1 2" FINE MILLING
2 2" PMA S0.5 TRAFFIC LEVEL 3
3 6" HMA S1.0 TRAFFIC LEVEL 2 (PLACED IN 2 EQUAL LIFTS)
4 12" PROCESSED AGGREGATE BASE
5 CUT BITUMINOUS CONCRETE PAVEMENT
6 FORMATION OF SUBGRADE
7 CONCRETE CURBING
8 5" CONCRETE SIDEWALK
9 POINT OF APPLICATION OF GRADE
10 6" WIDE SHELF OF PROCESSED AGGREGATE BASE

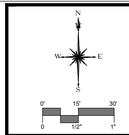


EAST FARM STREET
STA 21+00 TO STA 21+75

* MAINTAIN EXISTING CROSS SLOPE



INTERSECTION ISLAND
STA 13+03 TO STA 13+53



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DESCRIPTION	DATE	BY

TYPICAL CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: X"=X'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 05 OF 23

SHEET NAME: TYP

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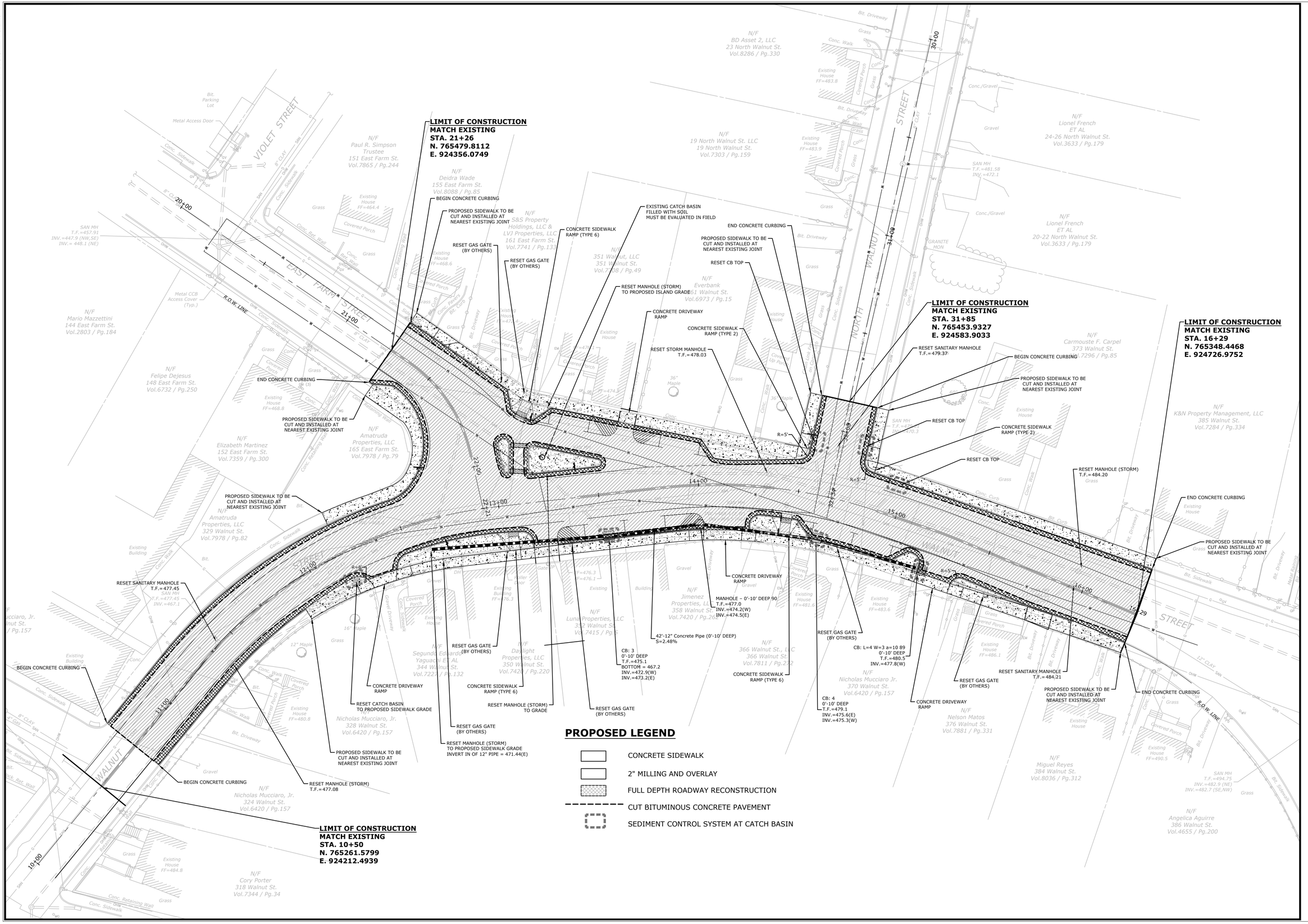

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DESCRIPTION	DATE	BY

ROADWAY PLANS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=20'
DATE: DECEMBER 11, 2023
PROJECT NO.: 151-337
SHEET NO.: 06 OF 23
SHEET NAME: PLN-01

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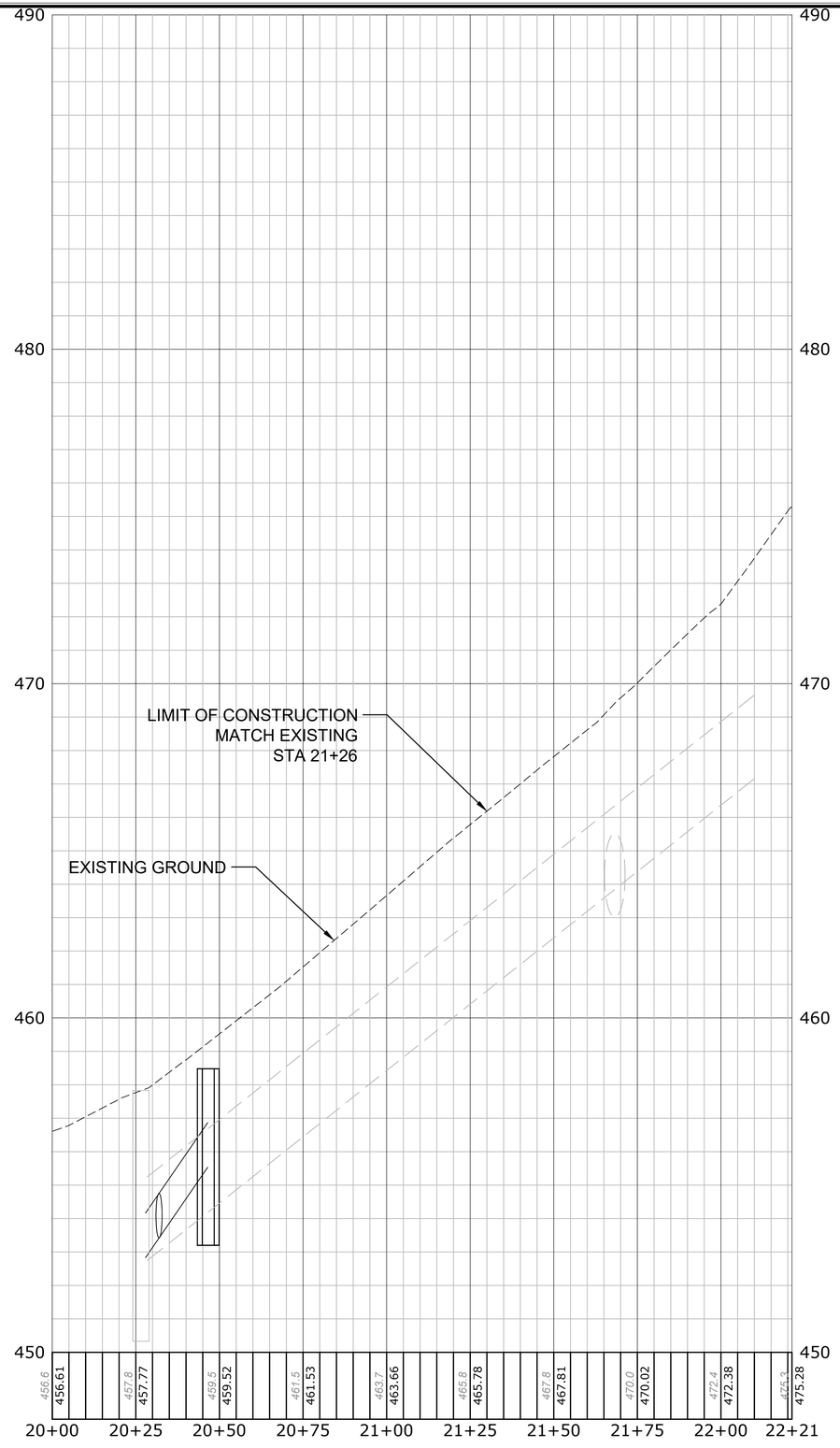

EAST FARM STREET PROFILE
STA. 20+00 TO STA. 22+21
H: 1" = 20'
V: 1" = 2'

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DESCRIPTION	DATE	BY

ROADWAY PROFILES

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE H: 1"=20' V: 1"=2'

DATE DECEMBER 11, 2023

PROJECT NO. 151-337

SHEET NO. 07 OF 23

SHEET NAME PRO-01

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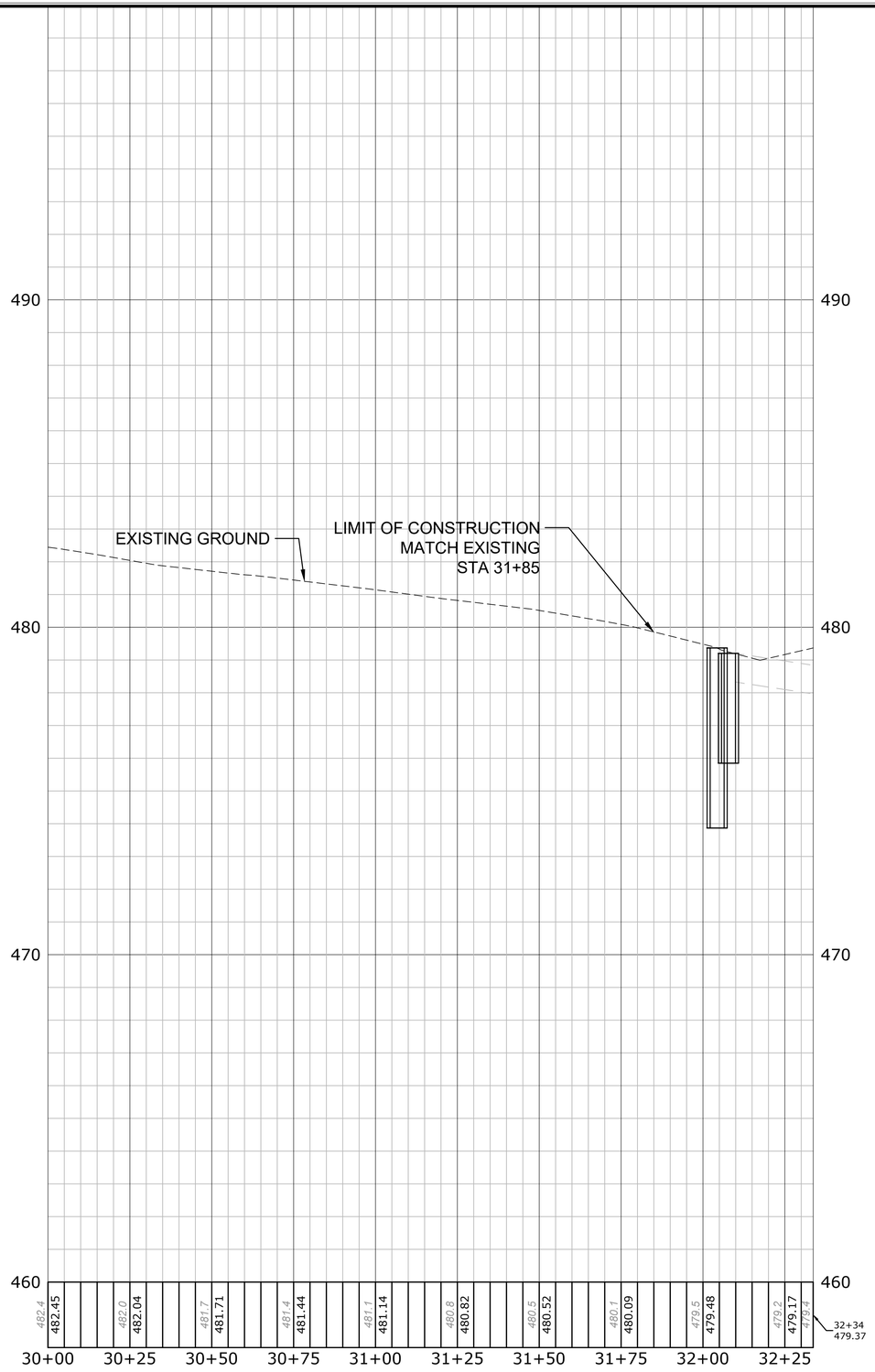

NORTH WALNUT STREET PROFILE
STA. 30+00 TO STA. 32+34
H: 1" = 20'
V: 1" = 2'

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DESCRIPTION	DATE	BY

ROADWAY PROFILES

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE H: 1"=20' V: 1"=2'

DATE DECEMBER 11, 2023

PROJECT NO. 151-337

SHEET NO. 08 OF 23

SHEET NAME PRO-02

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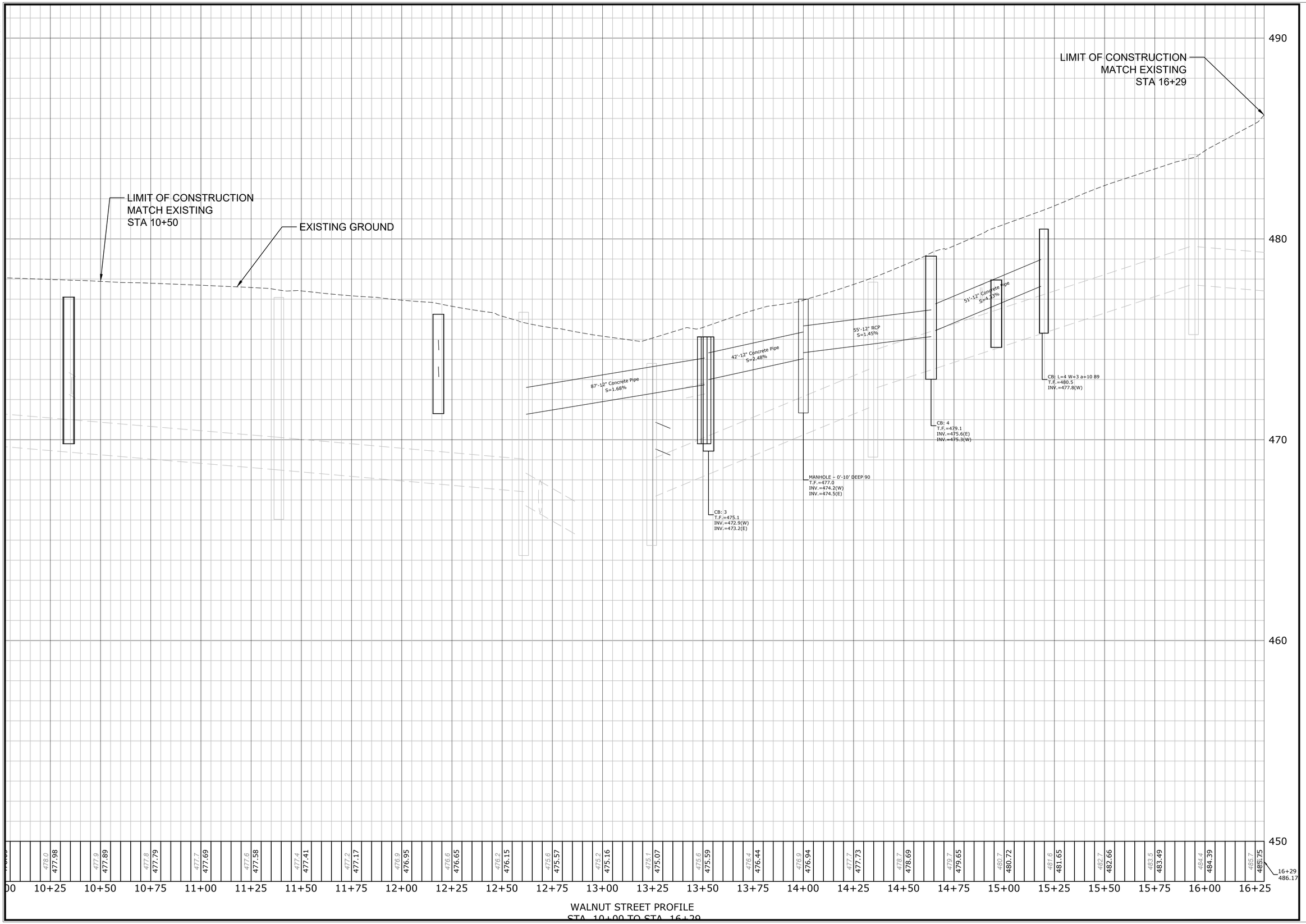

WALNUT STREET PROFILE
STA. 10+00 TO STA. 16+29

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DESCRIPTION	DATE	BY

ROADWAY PROFILES

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: H: 1"=20' V: 1"=2'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 09 OF 23

SHEET NAME: **PRO-03**

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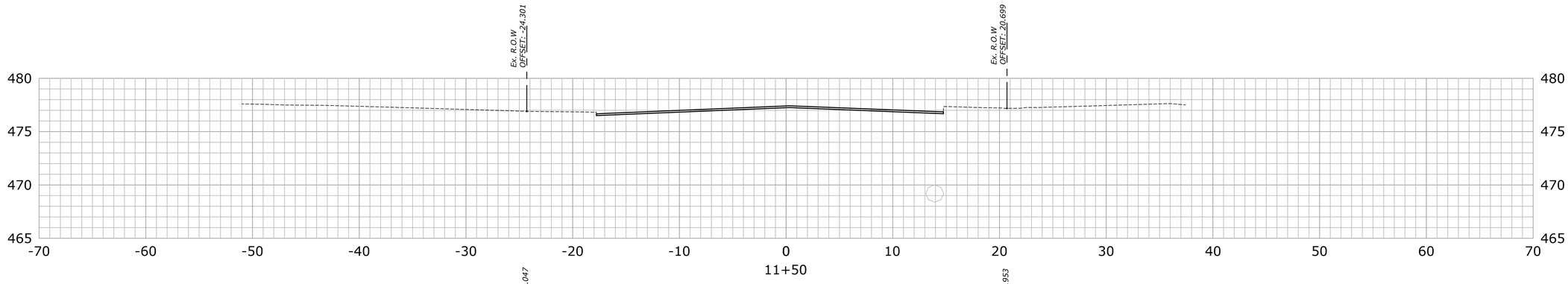

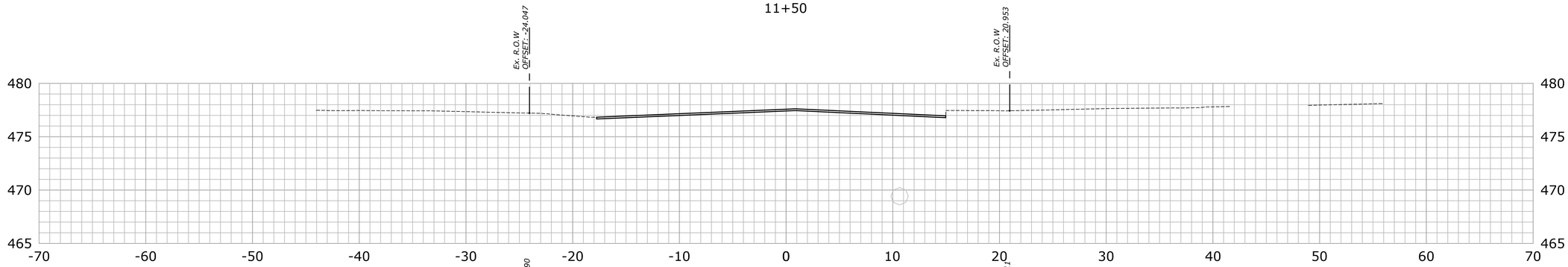

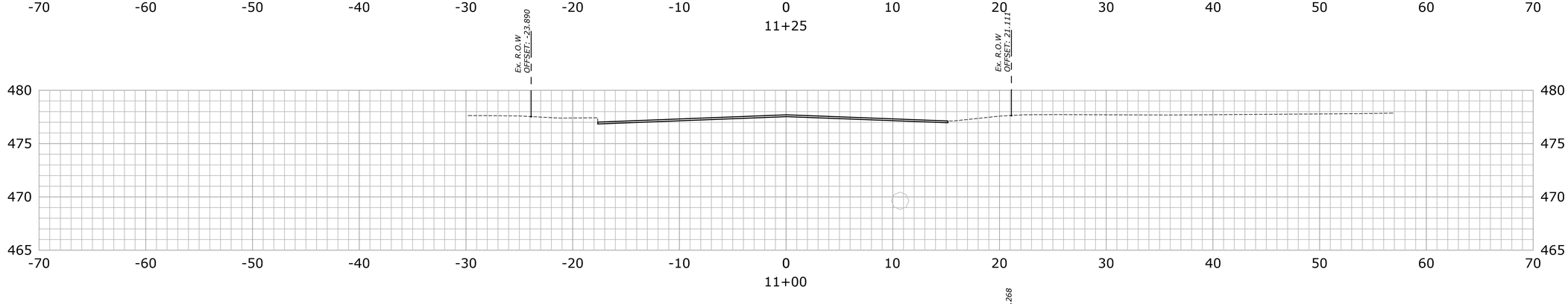

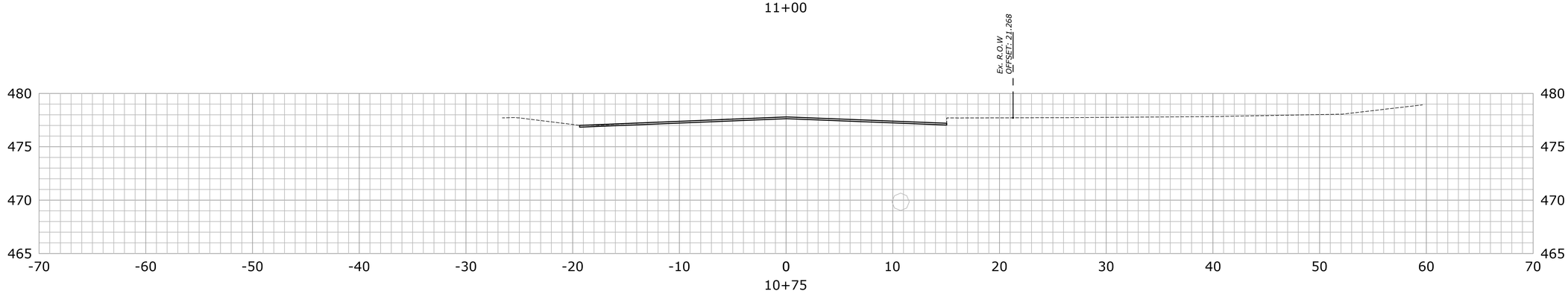

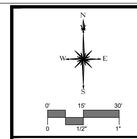

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DESCRIPTION	DATE	BY

CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO. 151-337

SHEET NO. 10 OF 23

SHEET NAME: **X-SEC 1**

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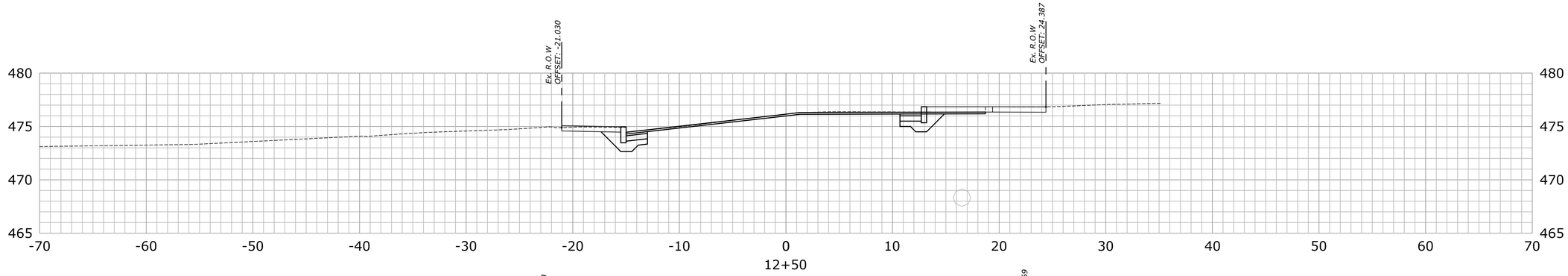

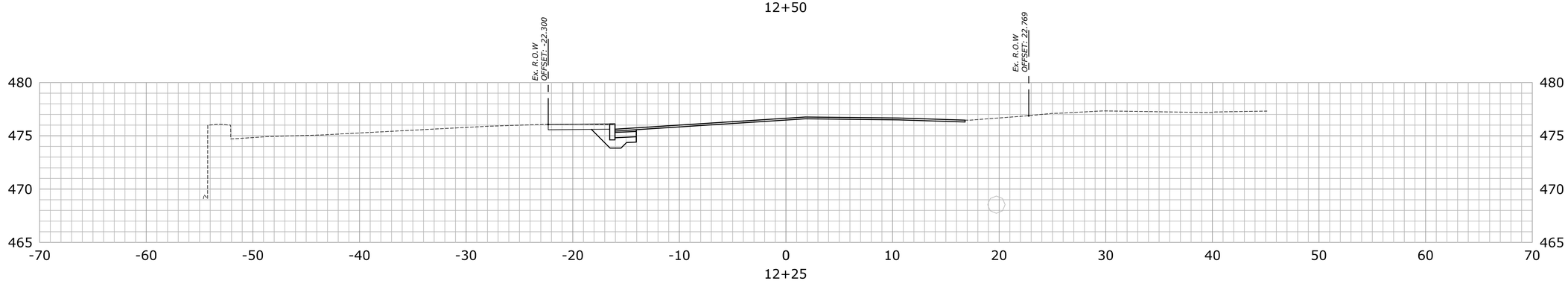

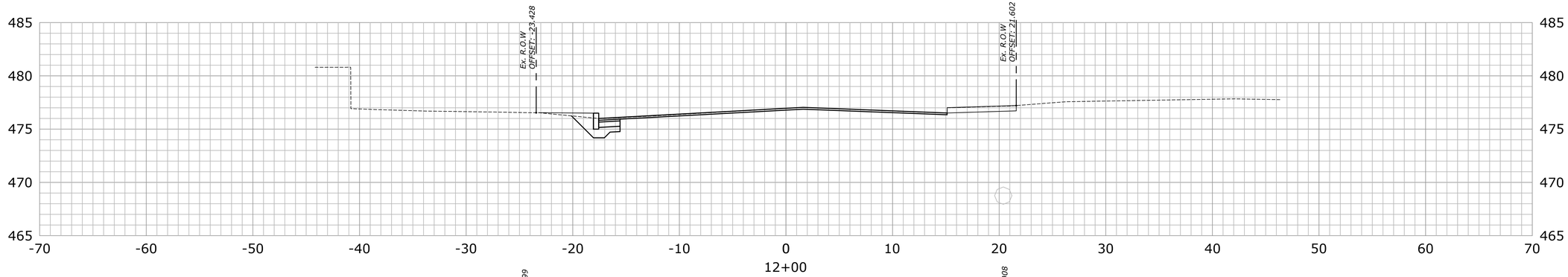

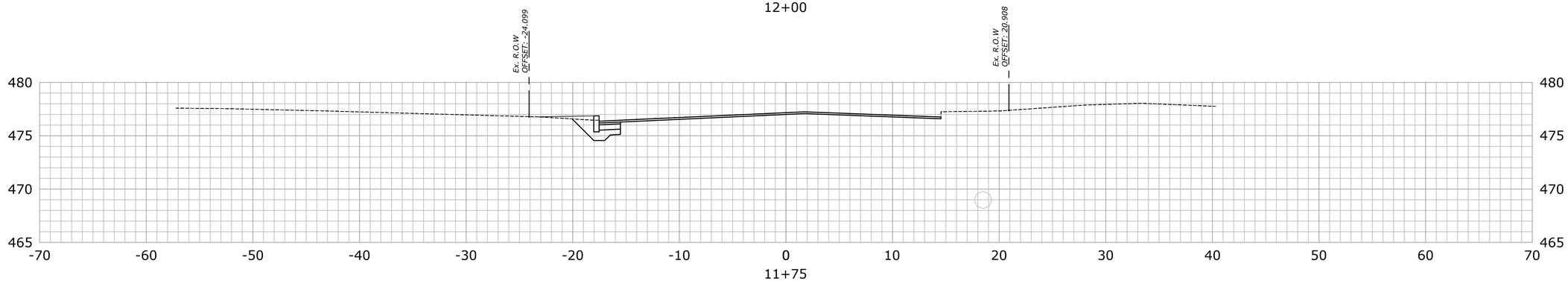

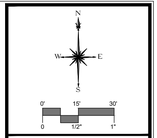

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DESCRIPTION	DATE	BY

CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 11 OF 23

SHEET NAME: **X-SEC 2**

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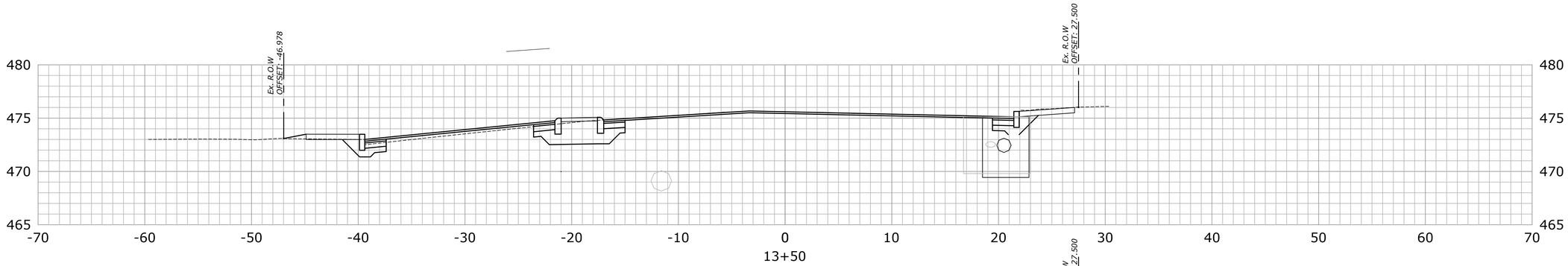

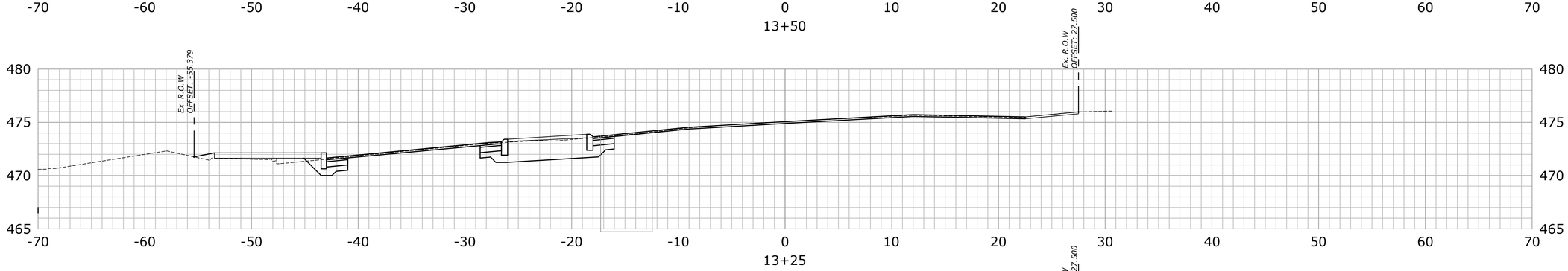

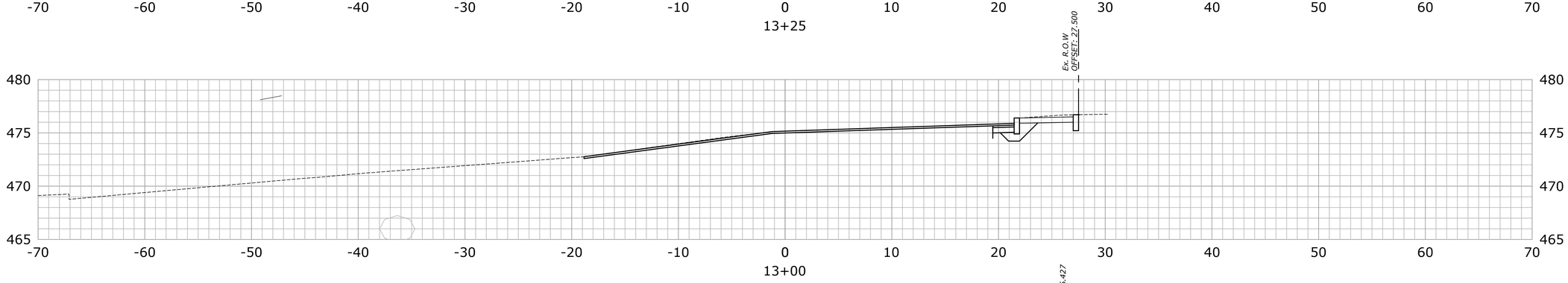

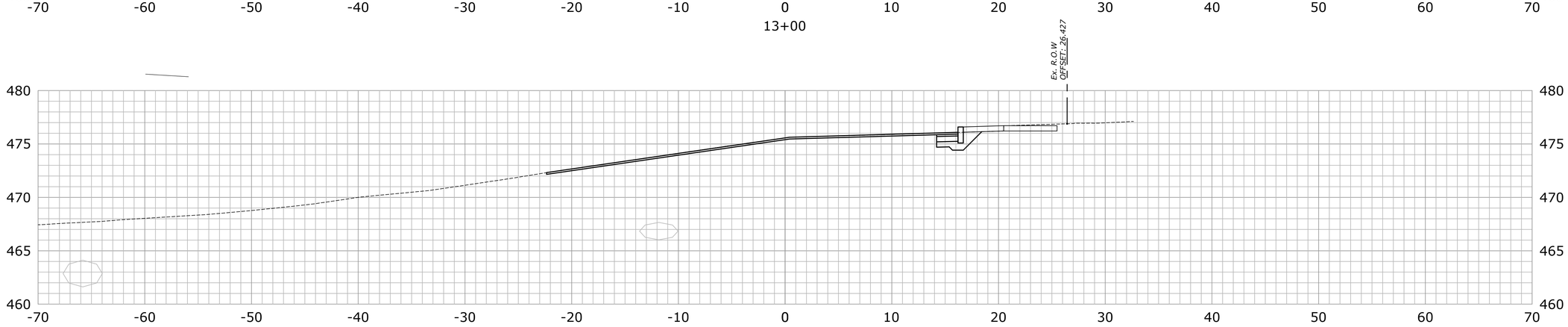

N
W E
S

0' 15' 30'
0 1/2" 1"

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DESCRIPTION	DATE	BY

CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 12 OF 23

SHEET NAME: **X-SEC 3**

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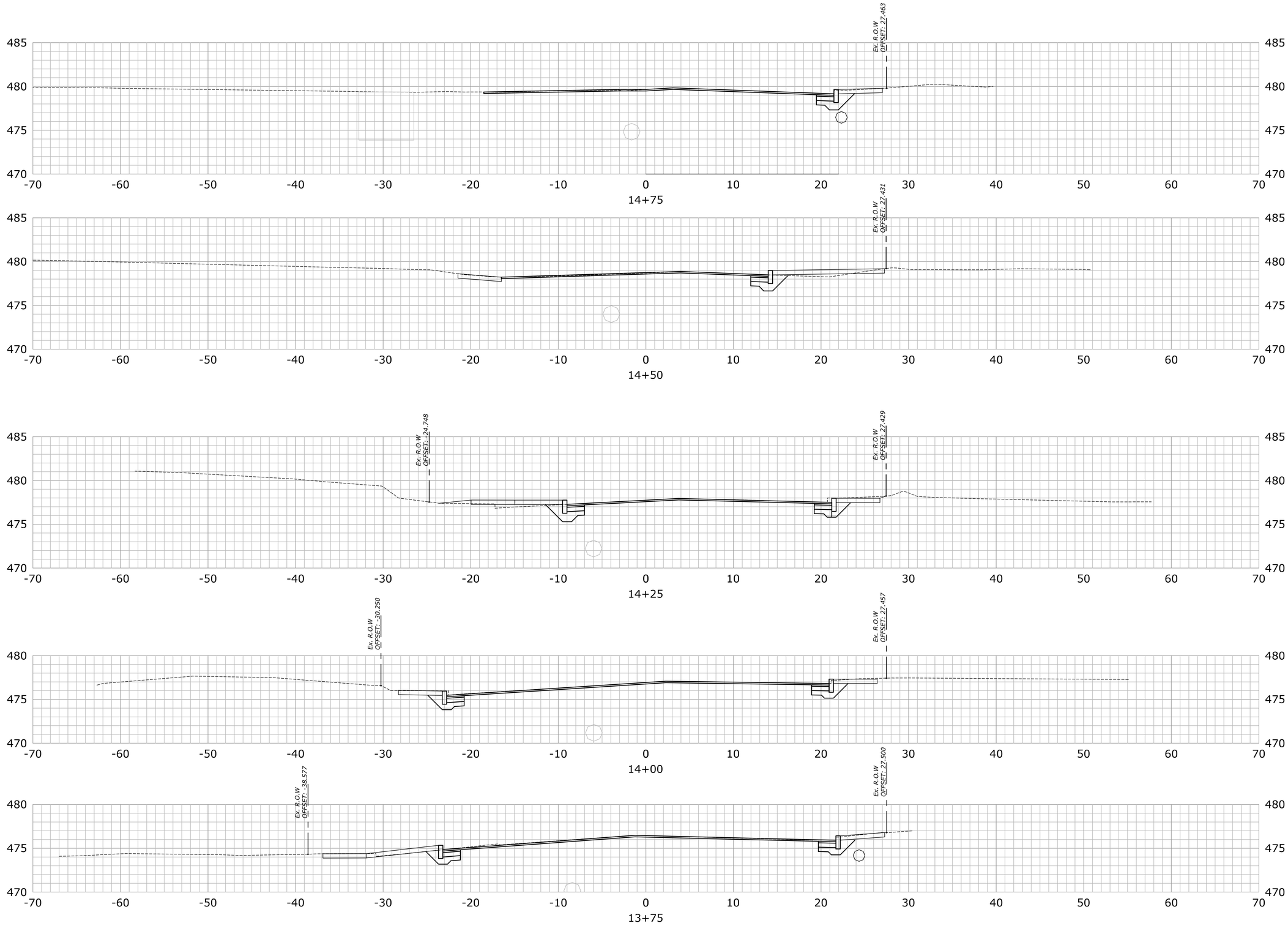

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CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 13 OF 23

SHEET NAME: X-SEC 4

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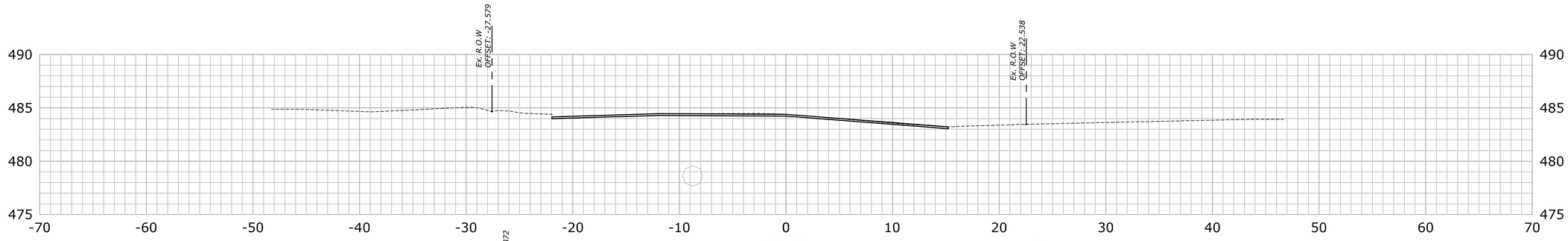

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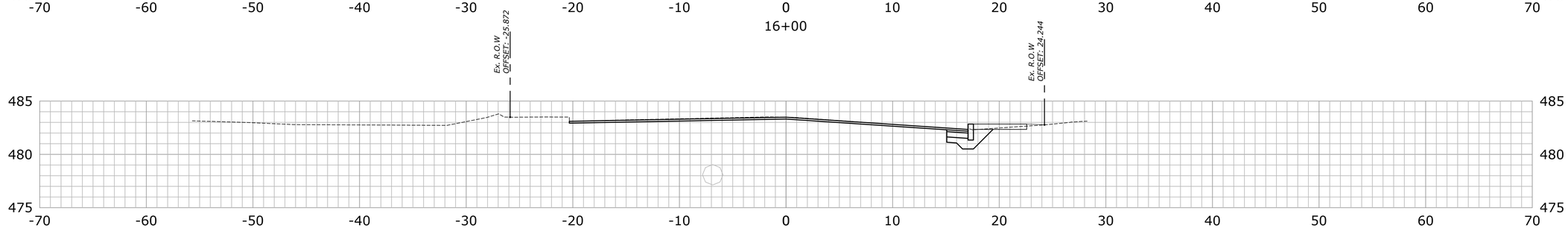

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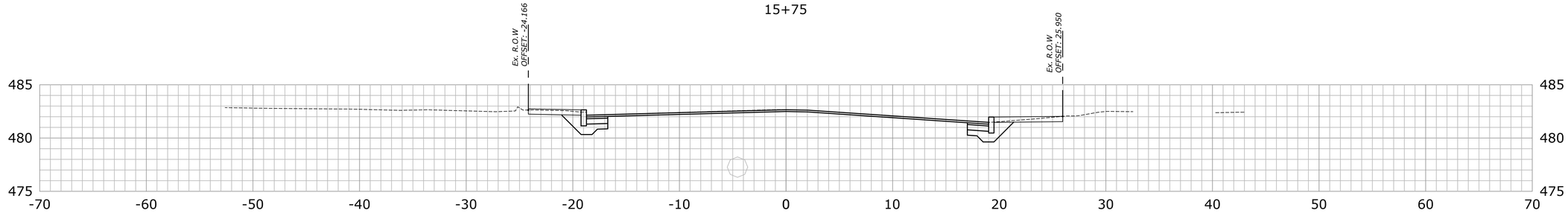

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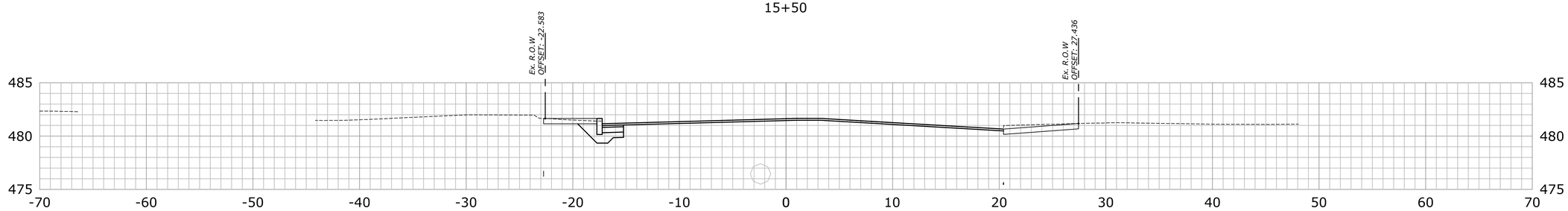

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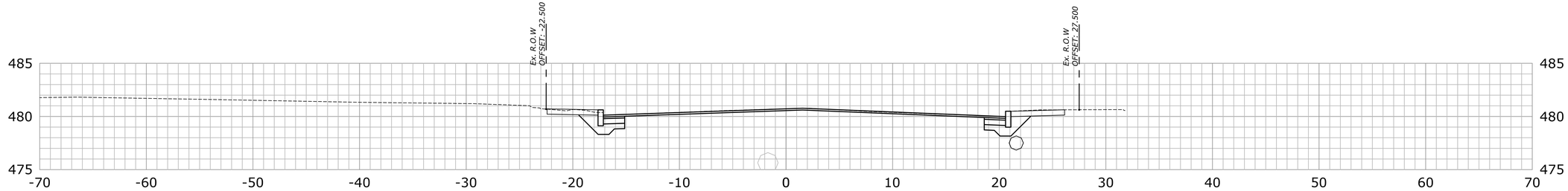

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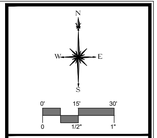

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CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 14 OF 23

SHEET NAME: **X-SEC 5**

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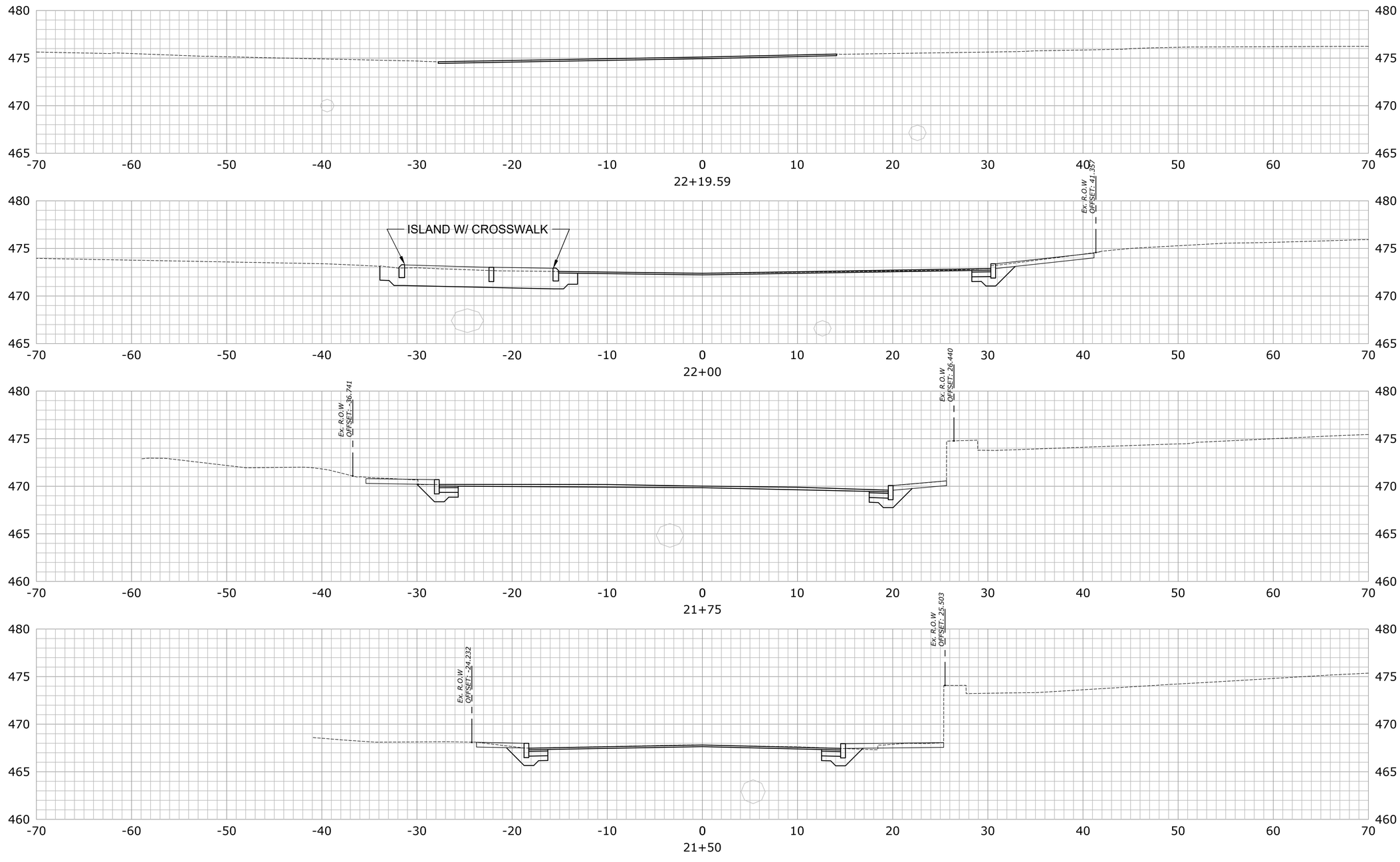

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LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 15 OF 23

SHEET NAME: X-SEC 7

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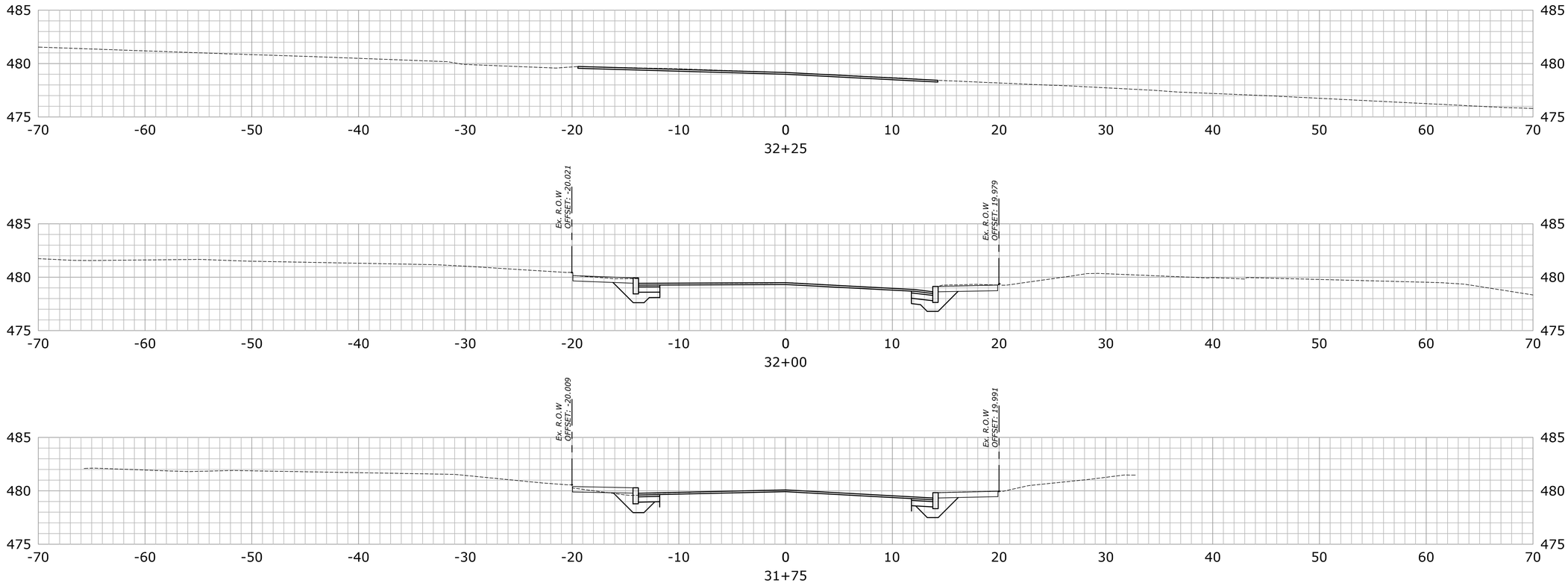

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CROSS SECTIONS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=5'

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 16 OF 23

SHEET NAME: **X-SEC 8**

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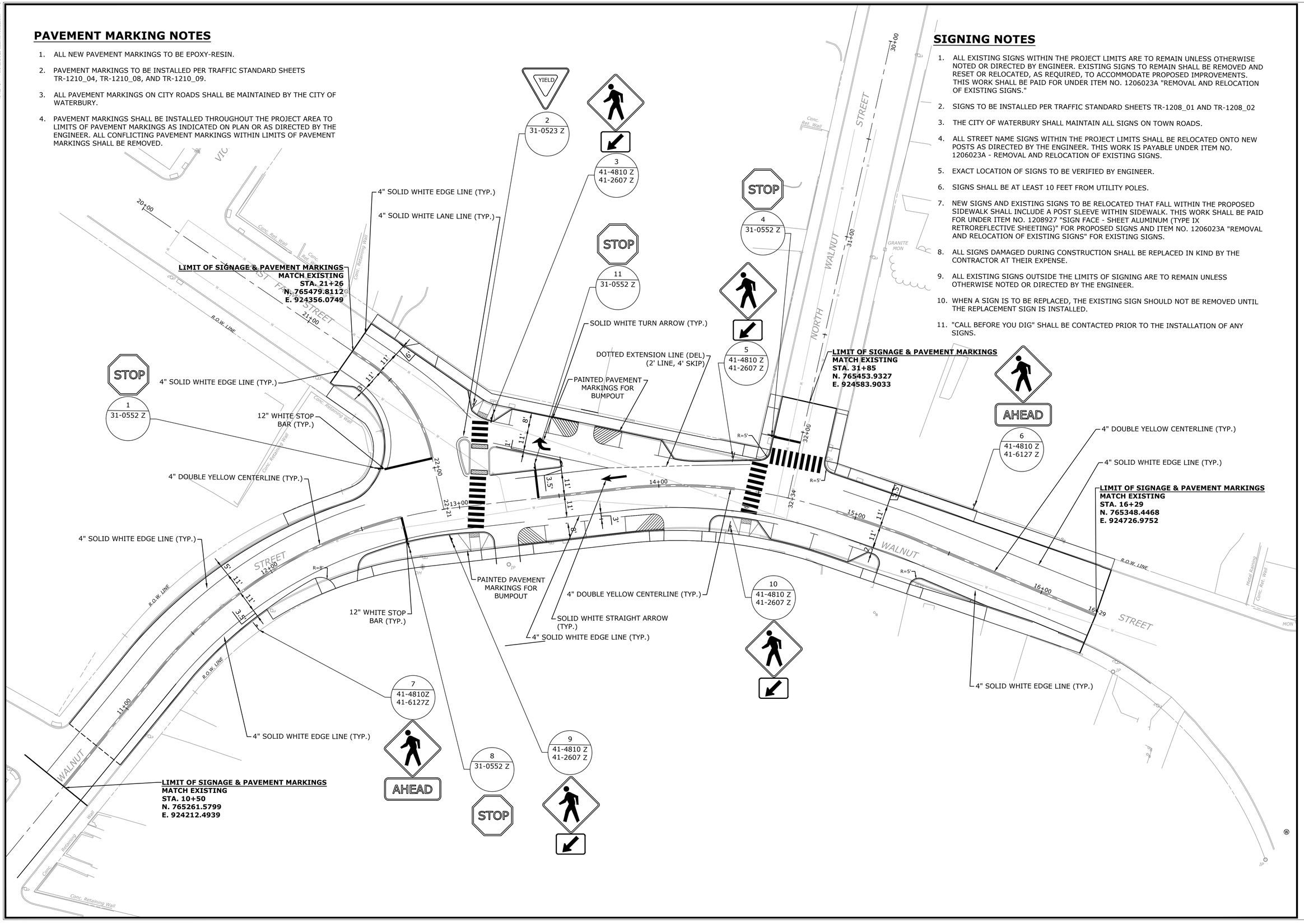
PAVEMENT MARKING NOTES

1. ALL NEW PAVEMENT MARKINGS TO BE EPOXY-RESIN.
2. PAVEMENT MARKINGS TO BE INSTALLED PER TRAFFIC STANDARD SHEETS TR-1210_04, TR-1210_08, AND TR-1210_09.
3. ALL PAVEMENT MARKINGS ON CITY ROADS SHALL BE MAINTAINED BY THE CITY OF WATERBURY.
4. PAVEMENT MARKINGS SHALL BE INSTALLED THROUGHOUT THE PROJECT AREA TO LIMITS OF PAVEMENT MARKINGS AS INDICATED ON PLAN OR AS DIRECTED BY THE ENGINEER. ALL CONFLICTING PAVEMENT MARKINGS WITHIN LIMITS OF PAVEMENT MARKINGS SHALL BE REMOVED.

SIGNING NOTES

1. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED OR DIRECTED BY ENGINEER. EXISTING SIGNS TO REMAIN SHALL BE REMOVED AND RESET OR RELOCATED, AS REQUIRED, TO ACCOMMODATE PROPOSED IMPROVEMENTS. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS."
2. SIGNS TO BE INSTALLED PER TRAFFIC STANDARD SHEETS TR-1208_01 AND TR-1208_02
3. THE CITY OF WATERBURY SHALL MAINTAIN ALL SIGNS ON TOWN ROADS.
4. ALL STREET NAME SIGNS WITHIN THE PROJECT LIMITS SHALL BE RELOCATED ONTO NEW POSTS AS DIRECTED BY THE ENGINEER. THIS WORK IS PAYABLE UNDER ITEM NO. 1206023A - REMOVAL AND RELOCATION OF EXISTING SIGNS.
5. EXACT LOCATION OF SIGNS TO BE VERIFIED BY ENGINEER.
6. SIGNS SHALL BE AT LEAST 10 FEET FROM UTILITY POLES.
7. NEW SIGNS AND EXISTING SIGNS TO BE RELOCATED THAT FALL WITHIN THE PROPOSED SIDEWALK SHALL INCLUDE A POST SLEEVE WITHIN SIDEWALK. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 1208927 "SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)" FOR PROPOSED SIGNS AND ITEM NO. 1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS" FOR EXISTING SIGNS.
8. ALL SIGNS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT THEIR EXPENSE.
9. ALL EXISTING SIGNS OUTSIDE THE LIMITS OF SIGNING ARE TO REMAIN UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
10. WHEN A SIGN IS TO BE REPLACED, THE EXISTING SIGN SHOULD NOT BE REMOVED UNTIL THE REPLACEMENT SIGN IS INSTALLED.
11. "CALL BEFORE YOU DIG" SHALL BE CONTACTED PRIOR TO THE INSTALLATION OF ANY SIGNS.



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SIGNING AND PAVEMENT MARKINGS PLAN

INTERSECTION IMPROVEMENTS
INTERSECTIONS OF WALNUT STREET AT E FARM STREET AND N WALNUT STREET

WALNUT STREET
WATERBURY, CONNECTICUT

GAB	DDS	GAB
DESIGNED	DRAWN	CHECKED

SCALE: 1"=20'
DATE: MARCH 2023
PROJECT NO. 151-337
SHEET NO. 17 OF 22
SHEET NAME: SPM-01

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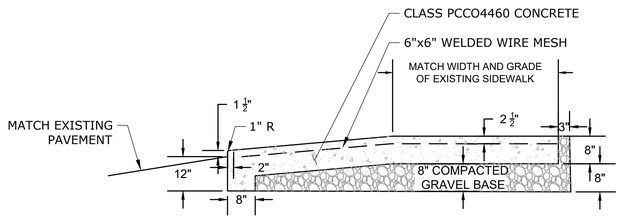
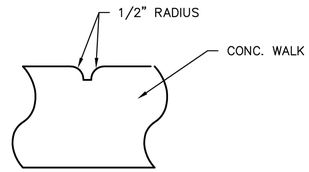


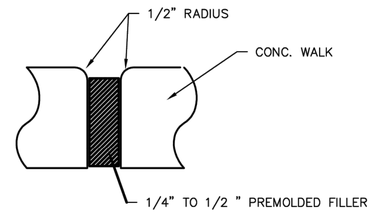
CONCRETE DRIVEWAY RAMP

NOT TO SCALE



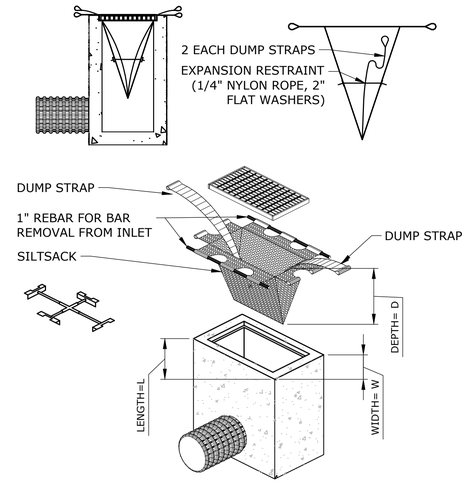
CONCRETE SIDEWALK DUMMY JOINT

NOT TO SCALE



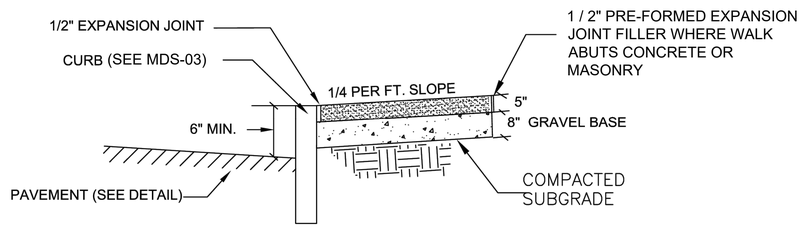
CONCRETE SIDEWALK EXPANSION JOINT

NOT TO SCALE

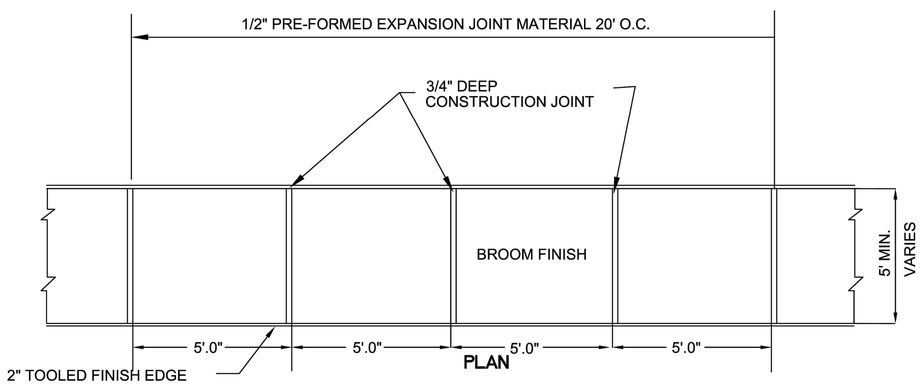


SEDIMENT CONTROL SYSTEM AT CATCH BASIN

NOT TO SCALE



SECTION
(N.T.S.)



CONCRETE SIDEWALK

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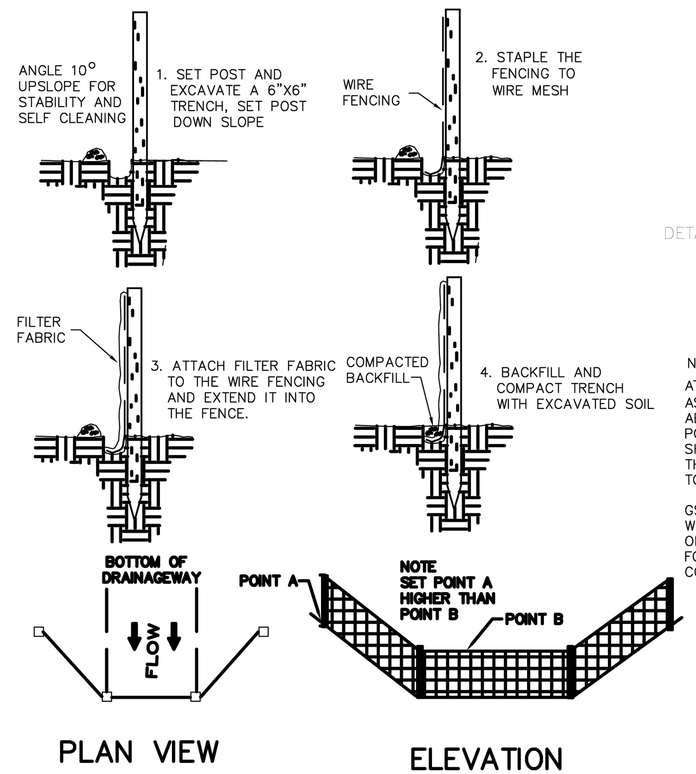

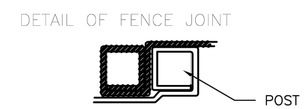

NOTES:

AT FENCE JOINTS POST SHALL OVERLAP AS SHOWN IN "DETAIL OF FENCE JOINT" ABOVE. FABRIC SHALL FOLD AROUND EACH POST AT LEAST ON TURN AND POST SHALL BE DRIVEN TIGHTLY TOGETHER WITH THE TOP OF THE POSTS SECURED TOGETHER WITH CORD OR WIRE.

GSF SHALL BE INSTALLED IN ACCORDANCE WITH PAGES 5-11-35 THROUGH 5-11-37 OF THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL.

SEDIMENTATION CONTROL SYSTEM

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DESCRIPTION	DATE	BY

MISCELLANEOUS DETAILS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

MSM	MSM	KB
DESIGNED	DRAWN	CHECKED

SCALE: NTS

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 18 OF 23

SHEET NAME: MDS-01

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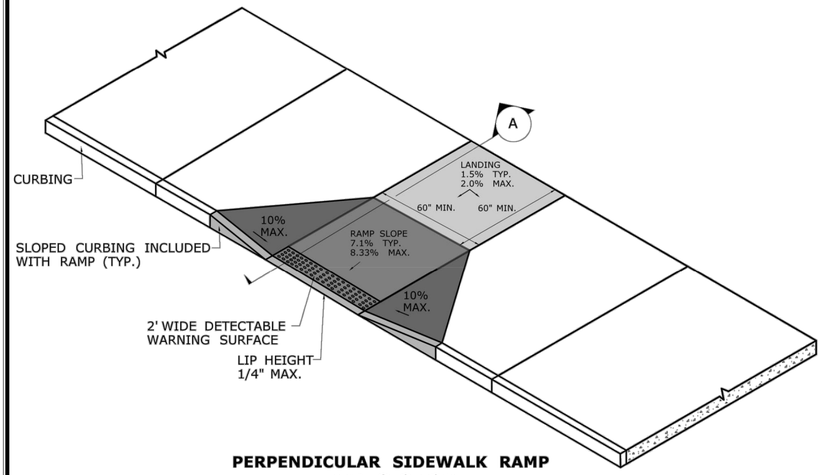
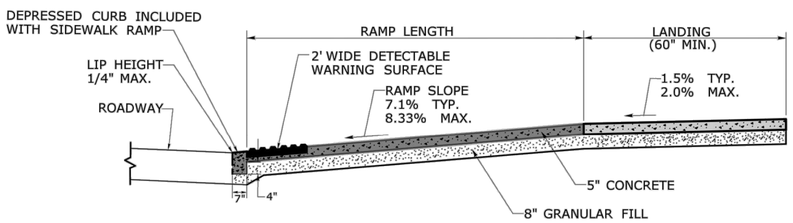
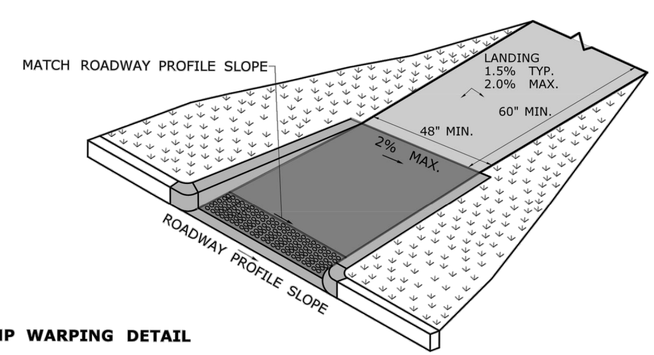


PERPENDICULAR SIDEWALK RAMP AND SECTION

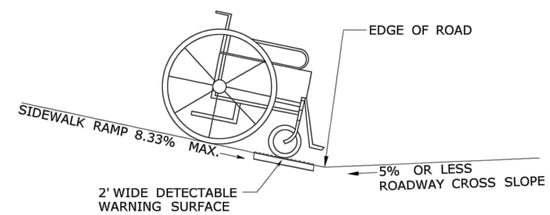


SECTION A

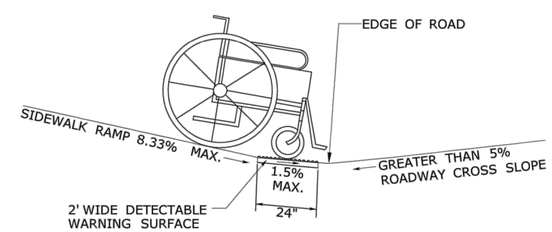


RAMP WARPING DETAIL

1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE.



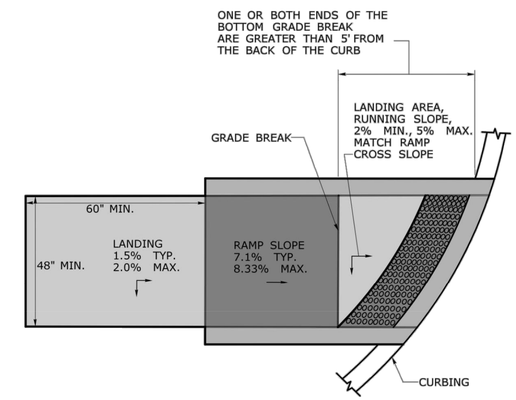
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



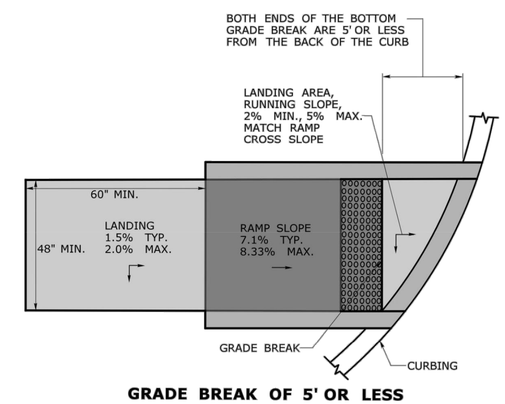
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GENERAL NOTES:

1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED ¼ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.



GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

DESCRIPTION	DATE	BY

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MISCELLANEOUS DETAILS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

MSM	MSM	KB
DESIGNED	DRAWN	CHECKED

SCALE: NTS

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 19 OF 23

SHEET NAME: MDS-02

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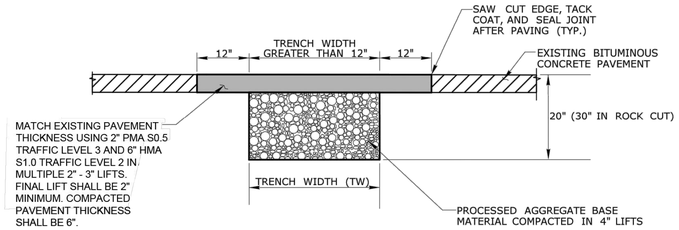
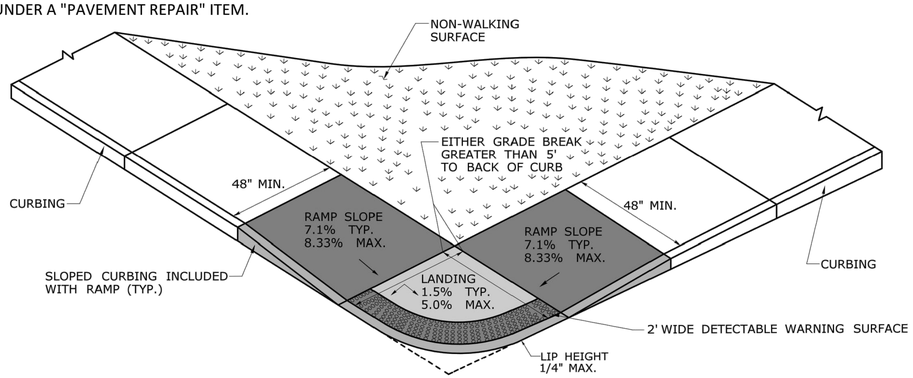


PAVEMENT REPAIR

NOT TO SCALE

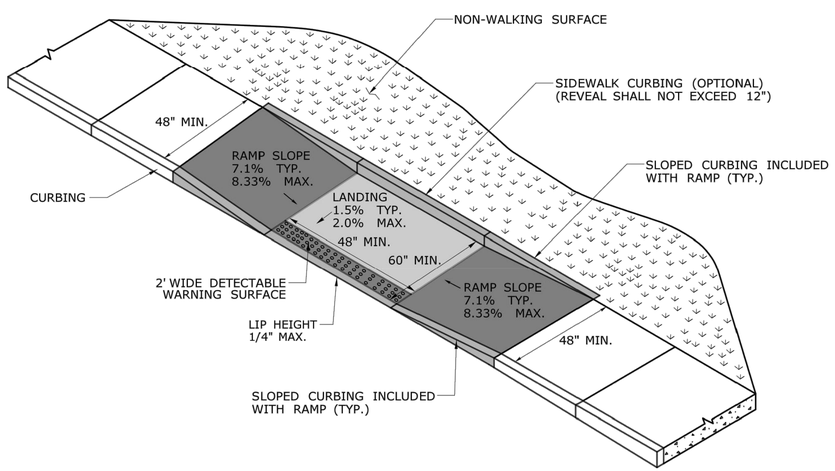
NOTE:

1. THE COST OF PAVEMENT REPAIR SHALL BE PAID FOR THROUGH THE RESPECTIVE PAY ITEM AS CALLED FOR ON THIS DETAIL. NO SEPARATE PAYMENT SHALL BE MADE UNDER A "PAVEMENT REPAIR" ITEM.



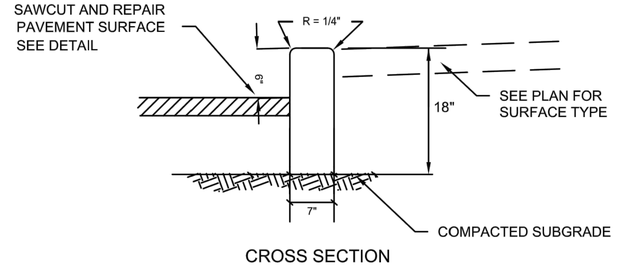
CONCRETE SIDEWALK RAMP (TYPE 2)

NOT TO SCALE

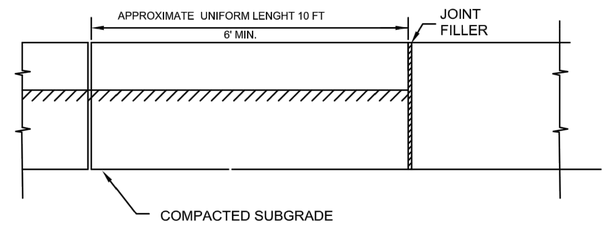


CONCRETE SIDEWALK RAMP (TYPE 9)

NOT TO SCALE



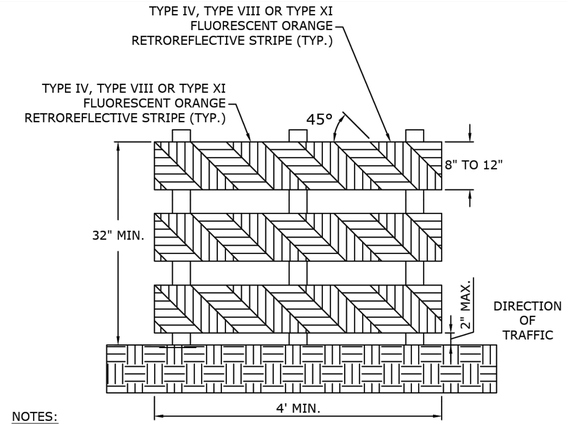
CROSS SECTION



LONGITUDINAL SECTION

CAST IN PLACE CONCRETE CURB

NOT TO SCALE

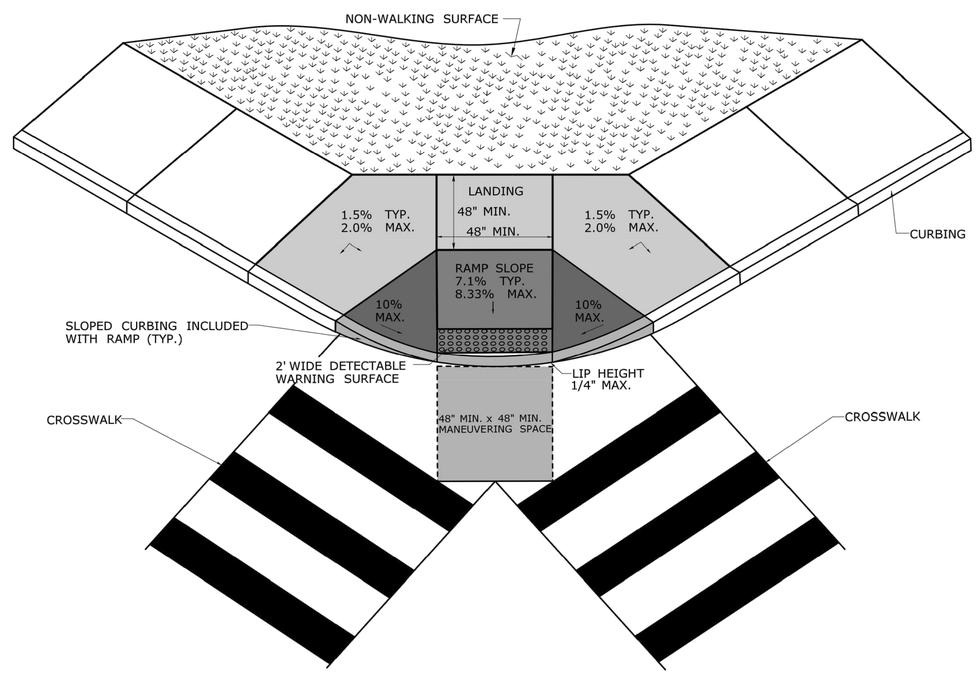


NOTES:

1. THE CONSTRUCTION BARRICADE DETECTABLE SHALL CONFORM TO THE FOLLOWING:
   - 1.1. HAVE CONTINUOUS DETECTABLE BOTTOM AND TOP SURFACES ABLE TO BE DETECTED BY A PERSON WITH A VISUAL DISABILITY TRAVELING WITH THE AID OF A LONG CANE;
   - 1.2. THE BOTTOM OF THE BOTTOM SURFACE SHALL BE NO HIGHER THAN 2 INCHES ABOVE THE GROUND;
   - 1.3. THE TOP OF THE TOP SURFACE SHALL BE NO LOWER THAN 32 INCHES ABOVE THE GROUND;
   - 1.4. THE REQUIREMENTS OF THE 2016 AASHTO MASH.
2. MARKINGS FOR BARRICADE RAILS SHALL BE ALTERNATE FLUORESCENT ORANGE AND WHITE STRIPES SLOPING DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS. 6" WIDE STRIPES SHALL BE USED.
3. THE ENTIRE AREA OF FLUORESCENT ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING AS REQUIRED IN THE SPECIFICATIONS. THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
4. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY BARRICADE DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
5. CORNERS OF BARRICADE RAILS SHALL BE ROUNDED.

CONSTRUCTION BARRICADE DETECTABLE

NOT TO SCALE



CONCRETE SIDEWALK RAMP (TYPE 7)

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

MISCELLANEOUS DETAILS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

MSM	MSM	KB
DESIGNED	DRAWN	CHECKED

SCALE: NTS

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 20 OF 23

SHEET NAME: MDS-03

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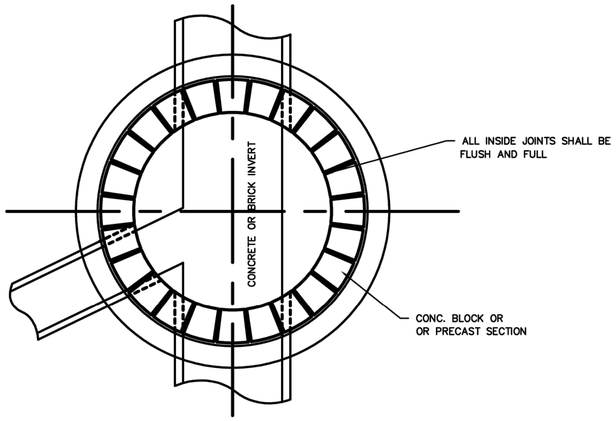
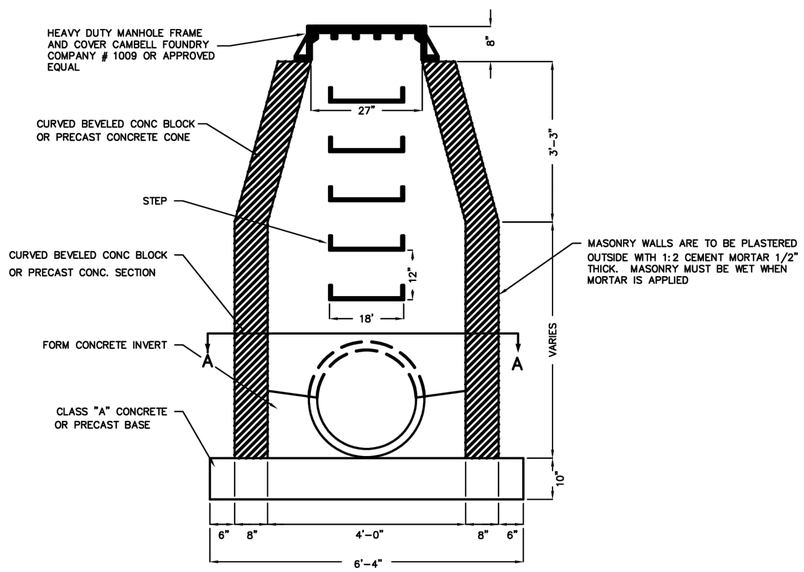
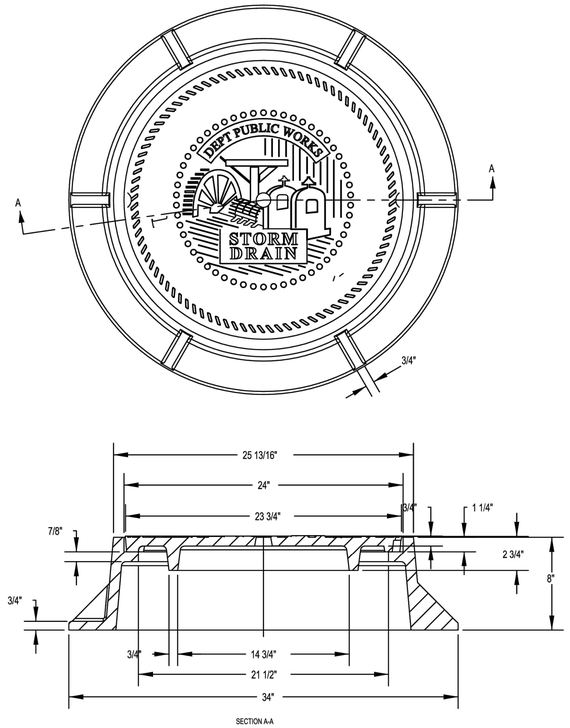


CROSS SECTION A–A



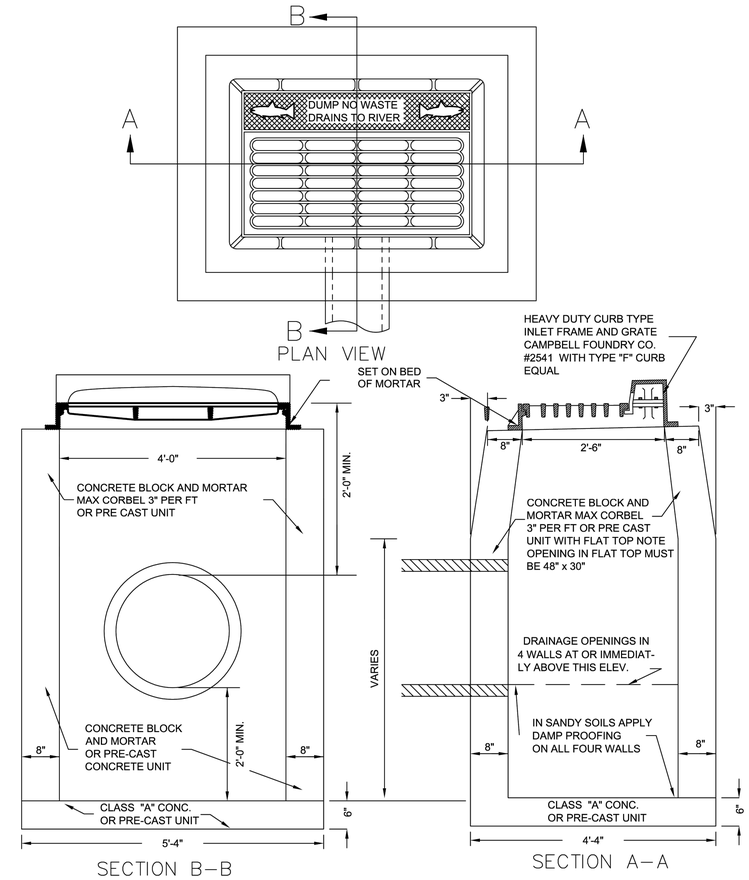
MANHOLE (STORM)

NOT TO SCALE



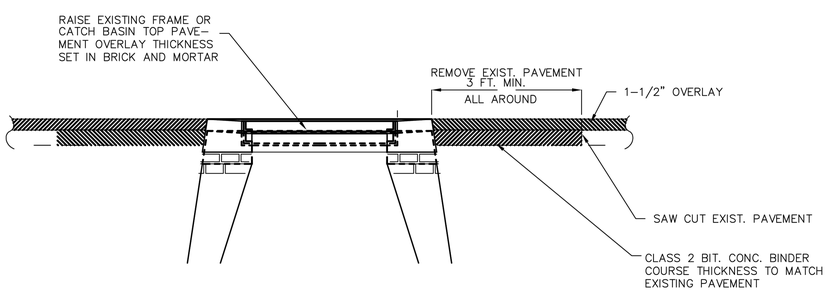
MANHOLE (STORM) FRAME AND COVER

NOT TO SCALE



TYPE 'C' CATCH BASIN

NOT TO SCALE



RESET CATCH BASIN TOP / MANHOLE FRAME

NOT TO SCALE

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

MISCELLANEOUS DETAILS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

MSM	MSM	KB
DESIGNED	DRAWN	CHECKED

SCALE: NTS

DATE: DECEMBER 11, 2023

PROJECT NO.: 151-337

SHEET NO.: 21 OF 23

SHEET NAME: **MDS-04**

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R1 - SERIES

R1-1

STOP

LEGEND - WHITE
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.85	18	31-0532	1	.080
5.19	30	31-0552	1	.080
7.98	36	31-0553	1	.080
13.3	48	31-0557	2	.100

R1-2

YIELD

LEGEND - RED
BACKGROUND -WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.97	18	31-0520	1	.080
3.90	36	31-0523	1	.080
6.77	48	31-0522	2	.100
10.83	60	31-0528	2	.100

R1-3P

ALL-WAY

LEGEND - WHITE
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.75	18X6	31-0508		.080

R2 - SERIES

R2-1

SPEED LIMIT 00

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-5505	1	.080
7.50	30X36	31-5504	1	.080
12.00	36X48	31-5506	2	.100
20.00	48X60	31-5507	2	.100

R2-4a

SPEED LIMIT 00 MINIMUM 00

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32	48X96	31-5510	2	.125

R3 - SERIES

R3-1

LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1604	1	.080
9.00	36X36	31-1627	2	.080

R3-2

LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1603	1	.080
9.00	36X36	31-1629	2	.080

R3-3

NO TURNS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1648	1	.080
9.00	36X36	31-1647	2	.080

R3-4

LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1622	1	.080
9.00	36X36	31-1632	2	.080

R3-5

ONLY ONLY
31-0183 31-0184

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36		1	.080

R3-6

ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0175	1	.080

R3-6

31-0157 31-0158

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36		1	.080

R3-7

LEFT LANE MUST TURN LEFT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-0117	1	.080
9.00	36X36	31-0120	2	.080

R3-7

RIGHT LANE MUST TURN RIGHT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-0118	1	.080
9.00	36X36	31-0123	2	.080

R3-8

ONLY ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30	31-0290	1	.080

R3-8

ONLY ONLY
31-0222 31-0223

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R3-8

ONLY ONLY
31-0262 31-0261

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R3-8

ONLY ONLY
31-0282 31-0283

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30		2	.080

R3-8

ONLY ONLY
31-0295 31-0219

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30		2	.080

R3-8

ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30	31-0279	2	.100

R3-8b

ONLY ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30	31-0302	2	.100

R3-8b

ONLY ONLY
31-0307 31-0372

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30		2	.100

R3-8b

ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30	31-0334	2	.100

R3-8b

ONLY ONLY
31-0370 31-0371

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30		2	.100

R4 - SERIES

R4-1

DO NOT PASS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1502	1	.080

R4-16

KEEP RIGHT EXCEPT TO PASS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
20.00	48X60	31-1574	2	.100

R4-3

SLOWER TRAFFIC KEEP RIGHT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1562	1	.080
20.00	48X60	31-1564	2	.100

R4-7

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1526	1	.080
12.00	36X48	31-1536	2	.100
20.00	48X60	31-1546	2	.100

R5 - SERIES

R5-1

DO NOT ENTER

LEGEND - WHITE
BACKGROUND - WHITE
CIRCLE - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-1119	1	.080
9.00	36X36	31-1120	2	.080
16.00	48X48	31-1121	2	.100

R5-1a

WRONG WAY

LEGEND - WHITE
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	36X24	31-1122	2	.080
8.75	42X30	31-1123	2	.100

R5-10a(CT)

PROHIBITED
VEH OVER 8FT HIGH
TRAILERS
COMMERCIAL VEH

LEGEND - BLACK
TOP SECTION BACKGROUND - YELLOW
BOTTON SECTION BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32.50	60X78	31-1719	2	.125

R5-10c

NO PEDESTRIANS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	31-1774	1	.080

R5-10a(CT)

NO PEDESTRIANS BICYCLES MOTOR BIKES MOTOR SCOOTERS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36X36	31-1775	2	.100

R5-11

AUTHORIZED VEHICLES ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	31-1790	1	.080
20.00	48X36	31-1792	2	.100

R6 - SERIES

R6-1

ONE WAY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	36X12	31-1188	1	.080
6.75	54X18	31-1189	2	.100

R6-1

ONE WAY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	36X12	31-1177	1	.080
6.75	54X18	31-1178	2	.100

R7 - SERIES

R7-1

NO PARKING ANY TIME

(R)
(D)
(L)

LEGEND - RED
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-0630	1	.080

R7-2a

NO PARKING 0:00 AM TO 0:00 PM

VARIABLE TIMES
(R)
(D)
(L)

LEGEND - RED
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-0603	1	.080

R8 - SERIES

R8-7

EMERGENCY STOPPING ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	48X36	31-0670	2	.100

R9 - SERIES

R9-3

LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	18X18	31-1705	1	.080
4.00	24x24	31-1769	1	.080
6.25	30x30	31-1770	1	.080

R9-3a

NO PEDESTRIAN CROSSING

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-1702	1	.080

R10 - SERIES

R10-6

STOP HERE ON RED STOP HERE ON RED
31-0801 31-0802

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	24X36		1	.080

R10-7

DO NOT BLOCK INTERSECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-0806	1	.080

R10-11b

NO TURN ON RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36X36	31-0816	2	.080

R10-11c(CT)

RIGHT TURN ON RED FROM RIGHT LANE ONLY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0847	1	.080

R10-10L

LEFT TURN SIGNAL

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0852	1	.080

R10-11a

NO TURN ON RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0830	1	.080
12.00	36X48	31-0819	2	.100

R11 - SERIES

R11-1

KEEP OFF MEDIAN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1915	1	.080
20.00	48X60	31-1918	2	.100

RETROREFLECTIVE STRIP

LEGEND - N/A
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.00	4X48	31-5003	1	.080
2.00	4X72	31-5004	1	.080

NOTES:

1. THE LEGEND "O.S.T.A." SHALL APPEAR ON ALL R- SERIES SIGNS EXCEPT WHEN SUFFIXED WITH THE LETTER "Z".
2. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
3. POSTS - SEE STANDARD SHEET TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
4. POSTS SHALL BE 4 LBS./FT.
5. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.
6. FOR OVERHEAD MOUNTED SIGNS, SEE STANDARD SHEET TR-1114_01 - "BONDING AND UTILITY POLE ATTACHMENT DETAILS, SIGN HANGER, "Y" CLAMP DETAIL."

COLORS:

BACKGROUND - WHITE - EXCEPT AS NOTED.
LEGEND - BLACK - EXCEPT AS NOTED.
ALL SIGNS TO USE TYPE IX RETROREFLECTIVE SHEETING.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
3	12-2018	REVISED RETROREFLECTIVE STRIPS	TR-GS_01
2	10-2018	REVISED R5-11 SIGNS PER MUTCD	TR-GS_01
1	6-2018	NEW SHEET ISSUED	TR-GS_01

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

Plotted Date: 1/16/2019

DESIGNER/DRAFTER: A. MERMELSTEIN
CHECKED BY: B. SCHILLING

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\CTDOT_TRAFFIC_GS.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY: DATE:

PROJECT TITLE: -

TOWN: -

DRAWING TITLE: SIGN FACE SHEET ALUMINUM (X)
R-SERIES TYPICAL SIGN DETAILS

PROJECT NO. -
DRAWING NO. TR-GS_01
SHEET NO.

DESCRIPTION	DATE	BY

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

MISCELLANEOUS DETAILS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET

WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

MSM	MSM	KB
DESIGNED	DRAWN	CHECKED

SCALE: NTS
DATE: DECEMBER 11, 2023
PROJECT NO.: 151-337
SHEET NO.: 22 OF 23
SHEET NAME: MDS-05

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S - SERIES

S1-1

LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.75	36	41-2112	1	.080
12.00	48	41-2113	2	.100

W1 - SERIES

W1-1L

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4006	1	.080
9.00	36	41-4031	1	.080

W1-1R

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4005	1	.080
9.00	36	41-4160	1	.080

W1-6

LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW
(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.00	48X24	41-4223	2	.100
12.50	60X30	41-4262	2	.100

W1-2

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4029	1	.080
9.00	36	41-4169	1	.080

W1-2

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4168	1	.080
9.00	36	41-4032	1	.080

W1-7

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.00	48X24	41-4207	2	.100
12.50	60X30	41-4208	2	.100

W1-8

LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW
(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	18X24	41-3951	1	.080
7.50	30X36	41-4211	1	.080
12.00	36X48	41-4260	2	.080

W2 - SERIES

W2-1

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4226	1	.080
9.00	36	41-4236	1	.080

W2-2

(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4225	1	.080
9.00	36	41-4235	1	.080

W3 - SERIES

W3-1

OCTAGON - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0501	1	.080
16.00	48	41-0503	2	.100

W3-2

TRIANGLE - RED & WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0504	1	.080
16.00	48	41-0506	2	.100

W3-3

SYMBOL & LEGEND - BLACK
BACKGROUND - YELLOW
TOP CIRCLE - RED
BOTTOM CIRCLE - GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0835	1	.080
16.00	48	41-0848	2	.100

WHEN FLASHING STOP AHEAD

W/ FLASHERS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
25.00	60	41-0534	2	.125

W4 - SERIES

W4-1

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4448	1	.080
16.00	48	41-4452	2	.100

W4-1

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4449	1	.080
16.00	48	41-4459	2	.100

W4-2

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4442	1	.080
16.00	48	41-4446	2	.100

W4-2

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4441	1	.080
16.00	48	41-4447	2	.100

W4-3

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4468	1	.080
16.00	48	41-4435	2	.100

W4-3

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4470	1	.080
16.00	48	41-4434	2	.100

W5 - SERIES

W5-1

ROAD NARROWS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4402	1	.080
16.00	48	41-4404	2	.100

W6 - SERIES

W6-1 W6-2

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4335	1	.080
16.00	48	41-4330	2	.100

W6-3

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4329	1	.080
16.00	48	41-4331	2	.100

W7 - SERIES

W7-1

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4506	1	.080
9.00	36	41-4530	1	.080
16.00	48	41-4508	2	.100

W8 - SERIES

W8-5

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4519	1	.080
9.00	36	41-4520	1	.080
16.00	48	41-4521	2	.100

W9 - SERIES

W9-1

LEFT LANE ENDS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4443	1	.080
16.00	48	41-4444	2	.100

W9-1

RIGHT LANE ENDS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4440	1	.080
16.00	48	41-4445	2	.100

W9-2

LANE ENDS
MERGE LEFT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4454	1	.080
16.00	48	41-4456	2	.100

W9-2

LANE ENDS
MERGE RIGHT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4453	1	.080
16.00	48	41-4455	2	.100

W11 - SERIES

W11-2

LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4829	1	.080
9.00	36	41-4830	1	.080

W11-8

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4680	1	.080
9.00	36	41-4681	1	.080

W12 - SERIES

W12-1

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4213	1	.080
9.00	36	41-4215	1	.080

W12-2

00'-0"

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4706	1	.080
16.00	48	41-4708	2	.100

LEFT LANE

(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	41-4721		.080

RIGHT LANE

(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	41-4722		.080

W13 - SERIES

W13-1P

00 M.P.H.

(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	18X18	41-5566		.080
4.00	24X24	41-5567		.080
6.25	30X30	41-5574		.080

W13-2

EXIT
00
M.P.H.

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	36X48	41-5596	2	.100

W13-3

RAMP
00
M.P.H.

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	36X48	41-5581	2	.100

W16 - SERIES

W16-2aP

000 FT

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6140		.080

W16-7PL

(SUBPLATE)
USE AT CROSSWALK
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-2617		.080

W16-7PR

(SUBPLATE)
USE AT CROSSWALK
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-2619		.080

W16-9P

AHEAD

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6126		.080
3.75	30X18	41-6137		.080

W16-2aP

41-6130 000 FT
41-6134 0000 FT

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6130		.080
3.75	30X18	41-6134		.080

RETROREFLECTIVE STRIP

LEGEND - N/A
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	4X72	41-5010	1	.080

LEGEND - N/A
BACKGROUND - FLUORESCENT YELLOW

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	4X48	41-5001	1	.080
2.00	4X72	41-5006	1	.080

NOTES:

1. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
2. POSTS - SEE STANDARD SHEET TR-1208_02 "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
3. POSTS SHALL BE 4 LBS./FT.
4. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.
5. FLUORESCENT YELLOW RETROREFLECTIVE STRIPS SHALL BE INSTALLED ON ALL SIGN POSTS FOR W1-6 AND W1-8 SIGNS. FLUORESCENT YELLOW GREEN RETROREFLECTIVE STRIPS SHALL BE INSTALLED ON ALL SIGN POSTS FOR S1-1 AND W11-2 SIGNS LOCATED AT CROSSINGS. RETROREFLECTIVE STRIPS SHOULD NOT BE INSTALLED ON ADVANCE CROSSING WARNING SIGNS. SEE STANDARD SHEET TR-1208_01 "SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS" FOR RETROREFLECTIVE STRIP DETAILS AND INSTALLATION.

COLORS:

BACKGROUND - YELLOW - EXCEPT AS NOTED.
LEGEND - BLACK - EXCEPT AS NOTED.
ALL SIGNS TO USE TYPE IX RETROREFLECTIVE SHEETING.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	6-2018	NEW SHEET ISSUED	TR-GS_02

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

Plotted Date: 12/18/2018

DESIGNER/DRAFTER: A. MERMELSTEIN
CHECKED BY: B. SCHILLING

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\CTDOT_TRAFFIC_GS.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY: DATE:

PROJECT TITLE: -

TOWN: -

DRAWING TITLE: SIGN FACE SHEET ALUMINUM (Y) S&W SERIES TYPICAL SIGN DETAILS

PROJECT NO. -
DRAWING NO. TR-GS_02
SHEET NO.

SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

DESCRIPTION | DATE | BY

MISCELLANEOUS DETAILS

LRARP - INTERSECTION IMPROVEMENTS
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WALNUT STREET AT EAST FARM STREET AND NORTH WALNUT STREET
WATERBURY, CONNECTICUT

MSM	MSM	KB
DESIGNED	DRAWN	CHECKED

SCALE: NTS
DATE: DECEMBER 11, 2023
PROJECT NO.: 151-337
SHEET NO.: 23 OF 23

SHEET NAME: MDS-06

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