

SIDEWALK RAMP IMPROVEMENTS

ON

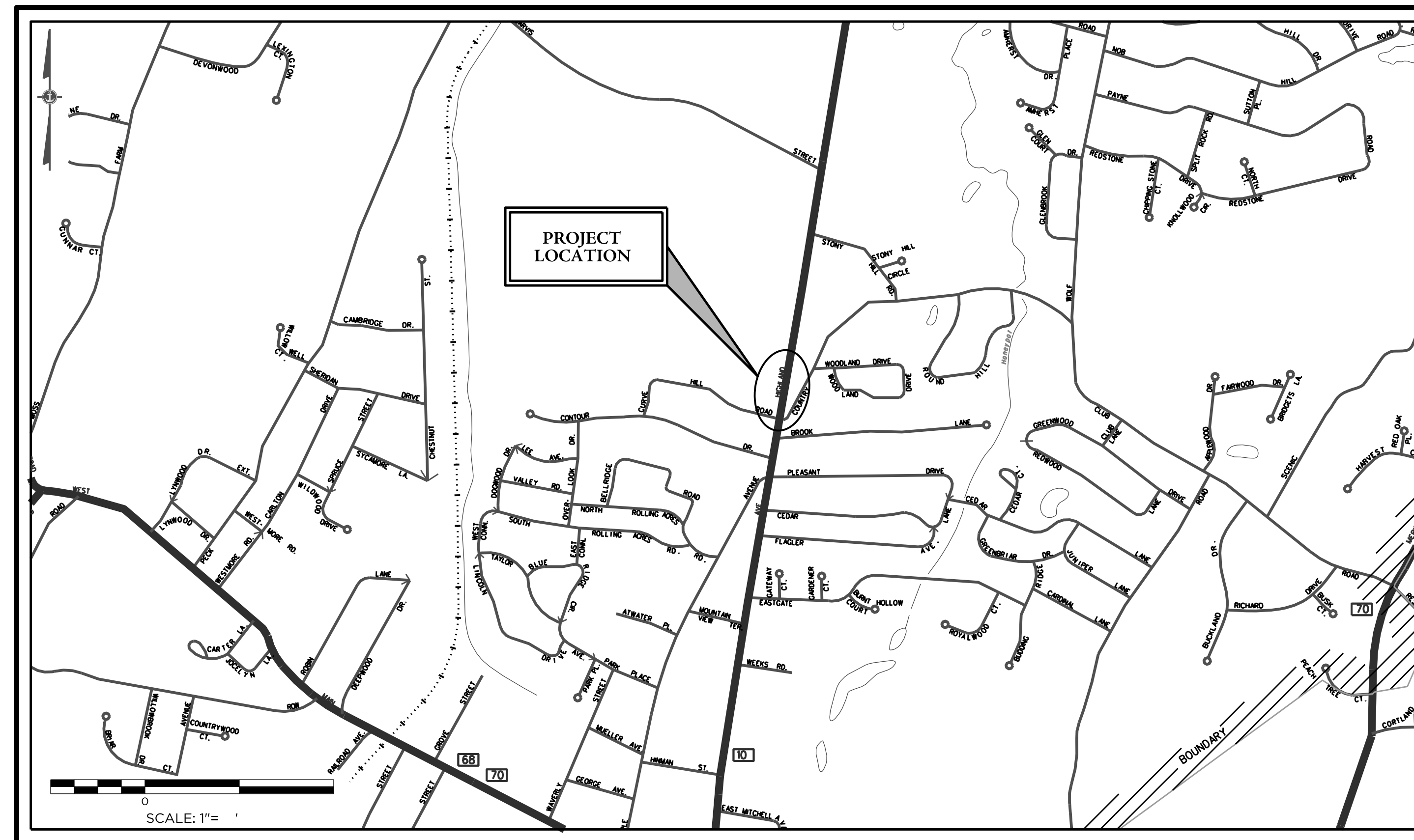
HIGHLAND AVENUE (CT ROUTE 10)

CHESHIRE, CT

PREPARED FOR

TOWN OF CHESHIRE

84 MAIN STREET
CHESHIRE, CT 06410



LOCATION MAP
SCALE: 1" = 100'

LIST OF SHEETS

DATE: 07/27/22
REVISED:

LAYOUT & GRADING PLAN	1
LAYOUT & DETAILS PLAN	2
TRAFFIC CONTROL SIGNAL PLAN (DATED JUNE 2022)	3
TRENCHING, BACKFILLING & ELECTRICAL CONDUIT DETAIL	4
TRAFFIC CONTROL FOUNDATIONS	5
EXISTING TRAFFIC SIGNAL CONTROL PLAN - FOR INFORMATION ONLY	

TITLE LIST OF CT DOT STANDARD SHEETS

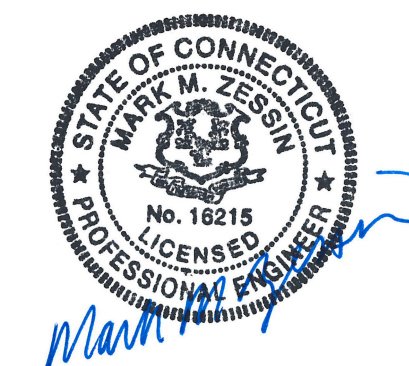
TR-1102_01	PEDESTALS, PEDESTRIAN SIGNALS
TR-1107_01	PEDESTRIAN PUSH BUTTONS
TR-1210_04	PAVEMENT MARKING LINES AND SYMBOLS
TR-1210_08	PAVEMENT MARKINGS FOR NON FREEWAYS
TR-1220_01	SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS
TR-1220_02	CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES
	ENCROACHMENT PERMIT - PAVEMENT REPAIR

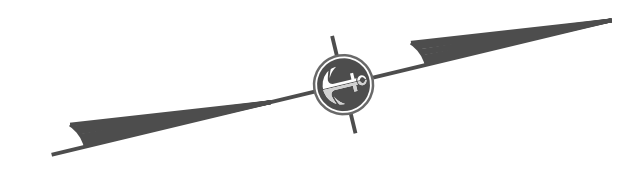
PREPARED BY:



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www.bandlct.com

Civil Engineering • Environmental Consulting • Land Surveying • Construction Management





707 HIGHLAND AVE
N/F
RUTH A CALVO

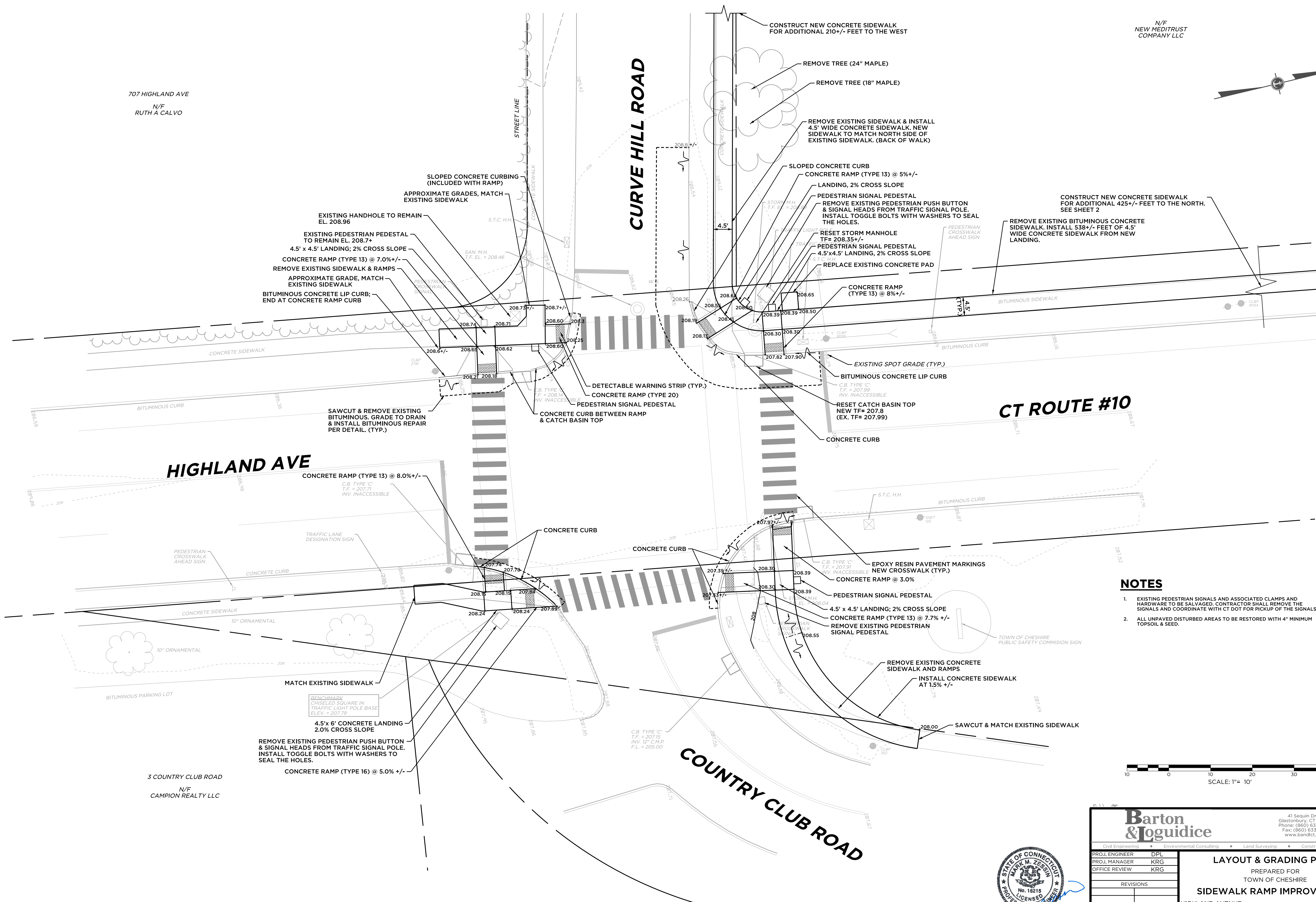
CURVE HILL ROAD

CT ROUTE #10

HIGHLAND AVE

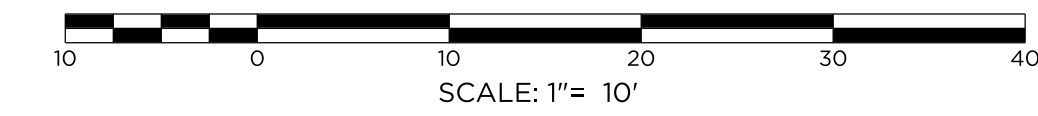
COUNTRY CLUB ROAD

3 COUNTRY CLUB ROAD
N/F
CAMPION REALTY LLC

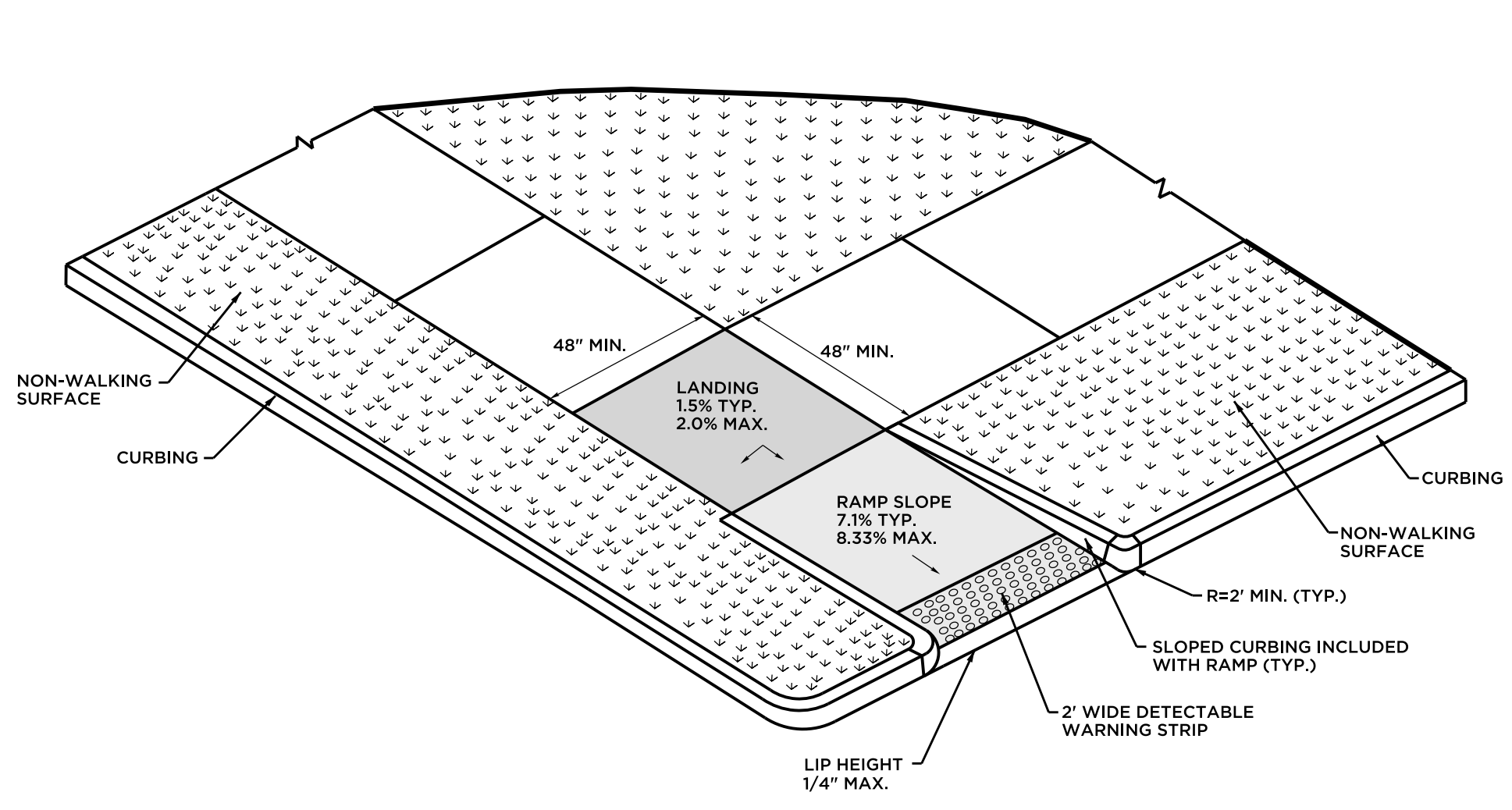
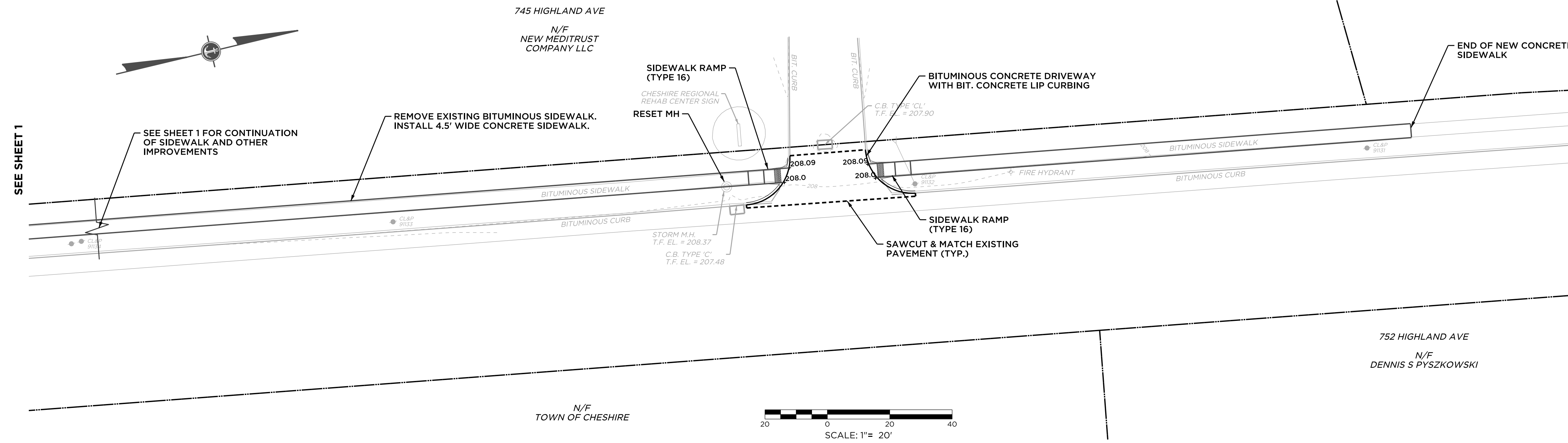


NOTES

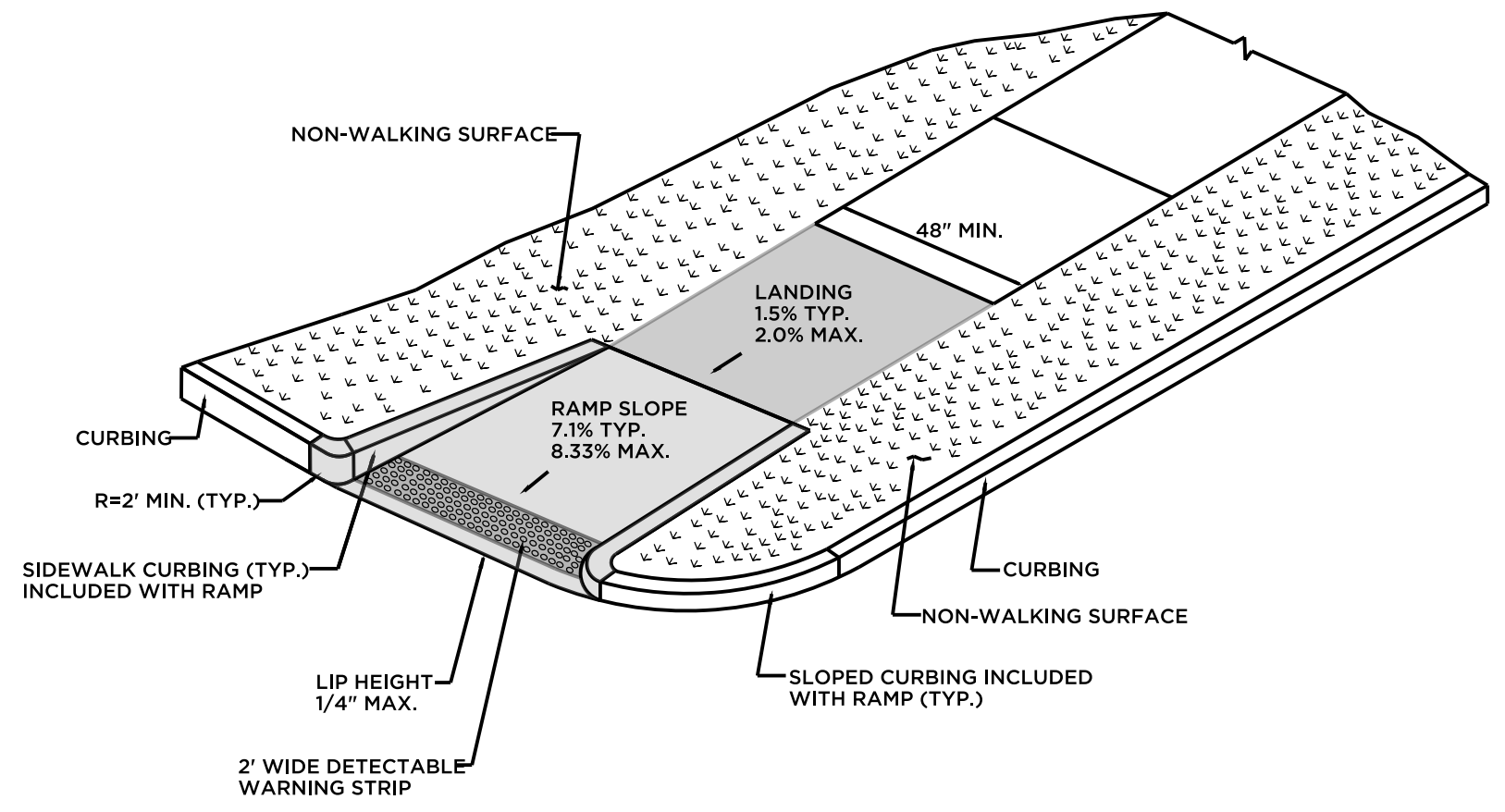
- EXISTING PEDESTRIAN SIGNALS AND ASSOCIATED CLAMPS AND HARDWARE TO BE SALVAGED. CONTRACTOR SHALL REMOVE THE SIGNALS AND COORDINATE WITH CT DOT FOR PICKUP OF THE SIGNALS.
- ALL UNPAVED DISTURBED AREAS TO BE RESTORED WITH 4" MINIMUM TOPSOIL & SEED.



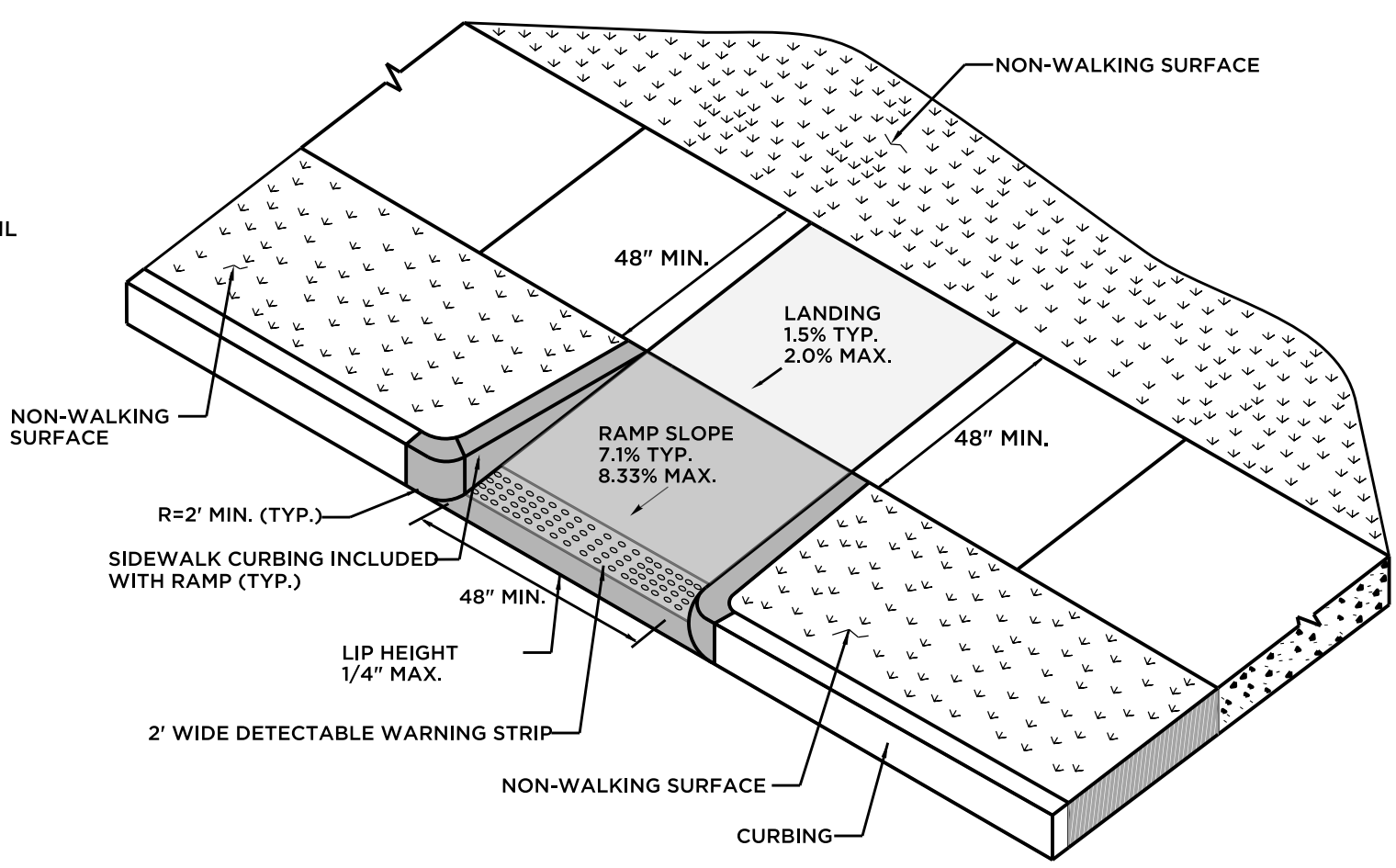
		41 Sequin Drive Glastonbury, CT 06033 Phone: (860) 633-9370 Fax: (860) 633-5971 www.bandct.com	
		Civil Engineering • Environmental Consulting • Land Surveying • Construction Management	
PROJ. ENGINEER	DPL	LAYOUT & GRADING PLAN PREPARED FOR TOWN OF CHESHIRE SIDEWALK RAMP IMPROVEMENTS HIGHLAND AVENUE CHESHIRE, CT	
PROJ. MANAGER	KRG		
OFFICE REVIEW	KRG		
REVISIONS		PROJECT	DATE
		3981-08	07/27/22
		SCALE: 1" = 10'	SHEET NO. 1 OF 5



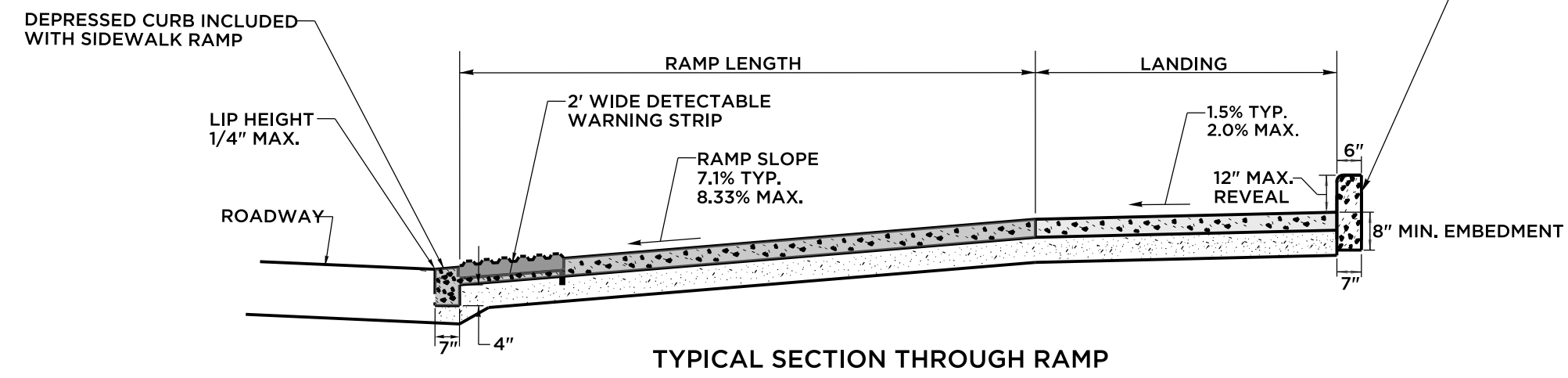
RESTRICTED PEDESTRIAN CROSSING SIDEWALK RAMP WITH NON-WALKING SURFACE (TYPE 20)



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



PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 13)

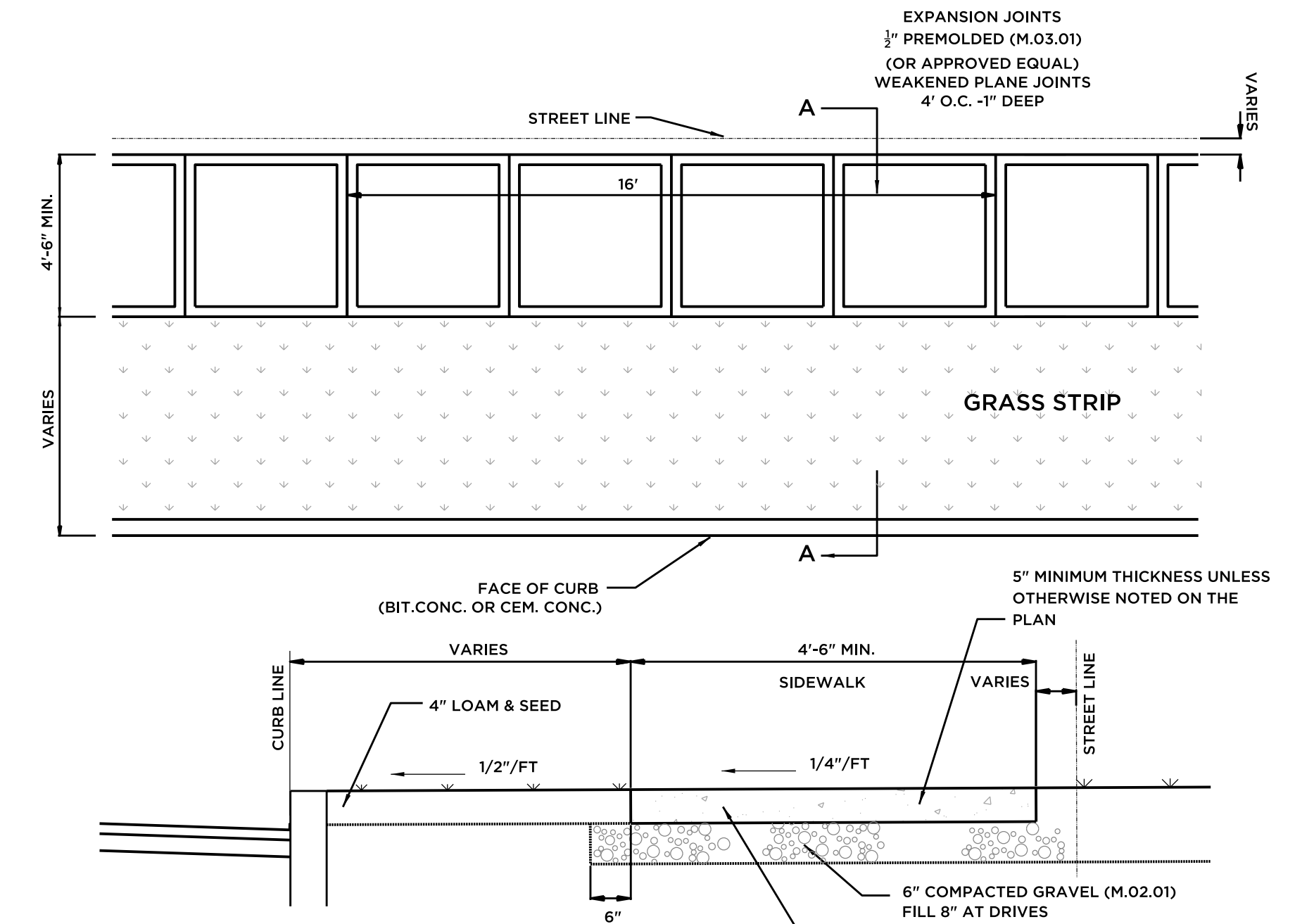


TYPICAL SECTION THROUGH RAMP

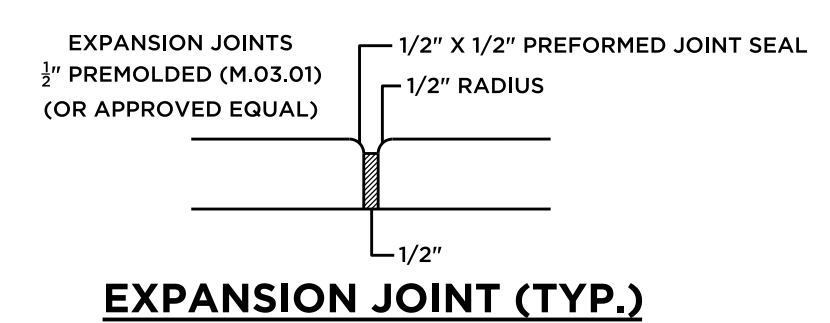
SIDEWALK AND RAMP GENERAL NOTES:

1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRAVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/8 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 8.3 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.

SIDEWALK RAMPS
NOT TO SCALE



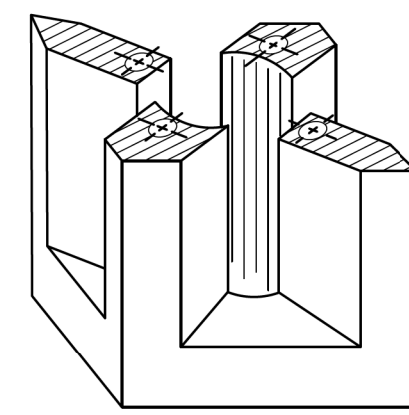
- NOTES:
1. WHERE WALKS CROSS DRIVEWAYS AND FOR SIDEWALK RAMPS, THEY SHALL BE 7" THICK AND HAVE 6"X6" W/W REINFORCING WIRE MESH 2" UP ABOVE BASE.
 2. ANTI-SPLALLING COMPOUND SHALL BE SPRAY APPLIED AT A RATE OF ONE GALLON PER 100 SQUARE FEET.
 3. EACH 4' PANEL TO BE "PICTURE FRAMED" BY THE USE OF 3" EDGING TOOL TO REDUCE LIKELIHOOD OF CHIPPING.
 4. ALL WORK AND MATERIALS SHALL CONFORM TO TOWN OF CHESHIRE GUIDELINES AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS ARTICLE IV SECTION 31 AS AMENDED.



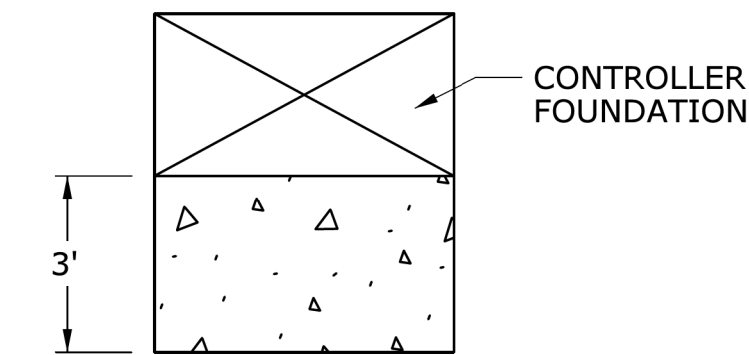
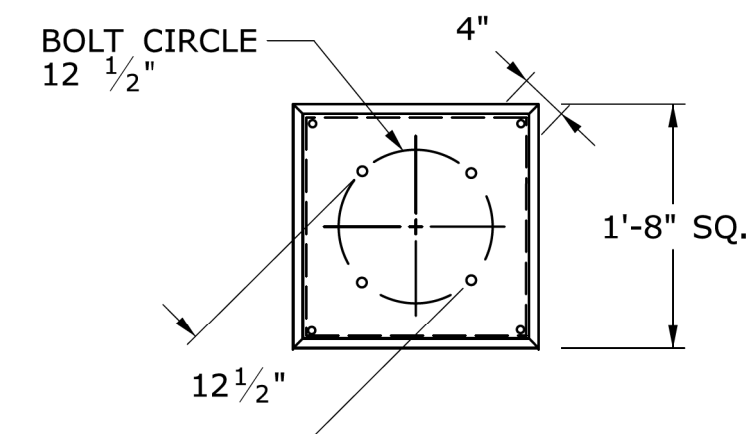
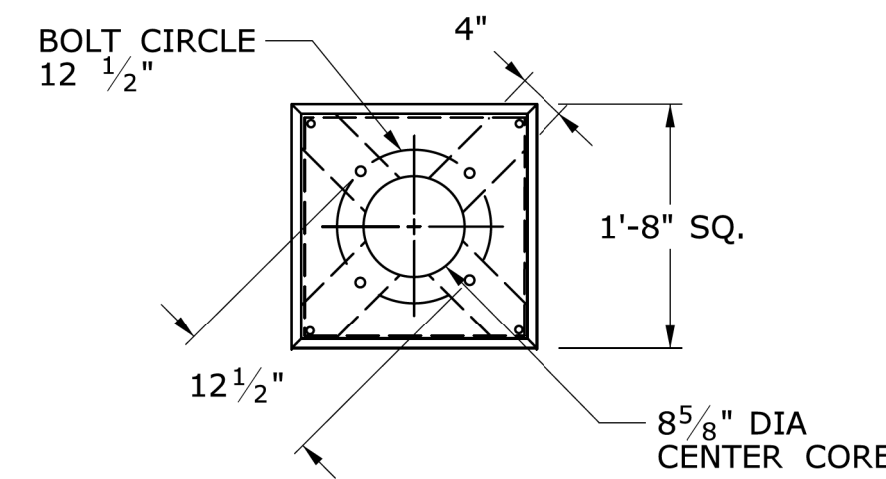
CEMENT CONCRETE SIDEWALK
NOT TO SCALE



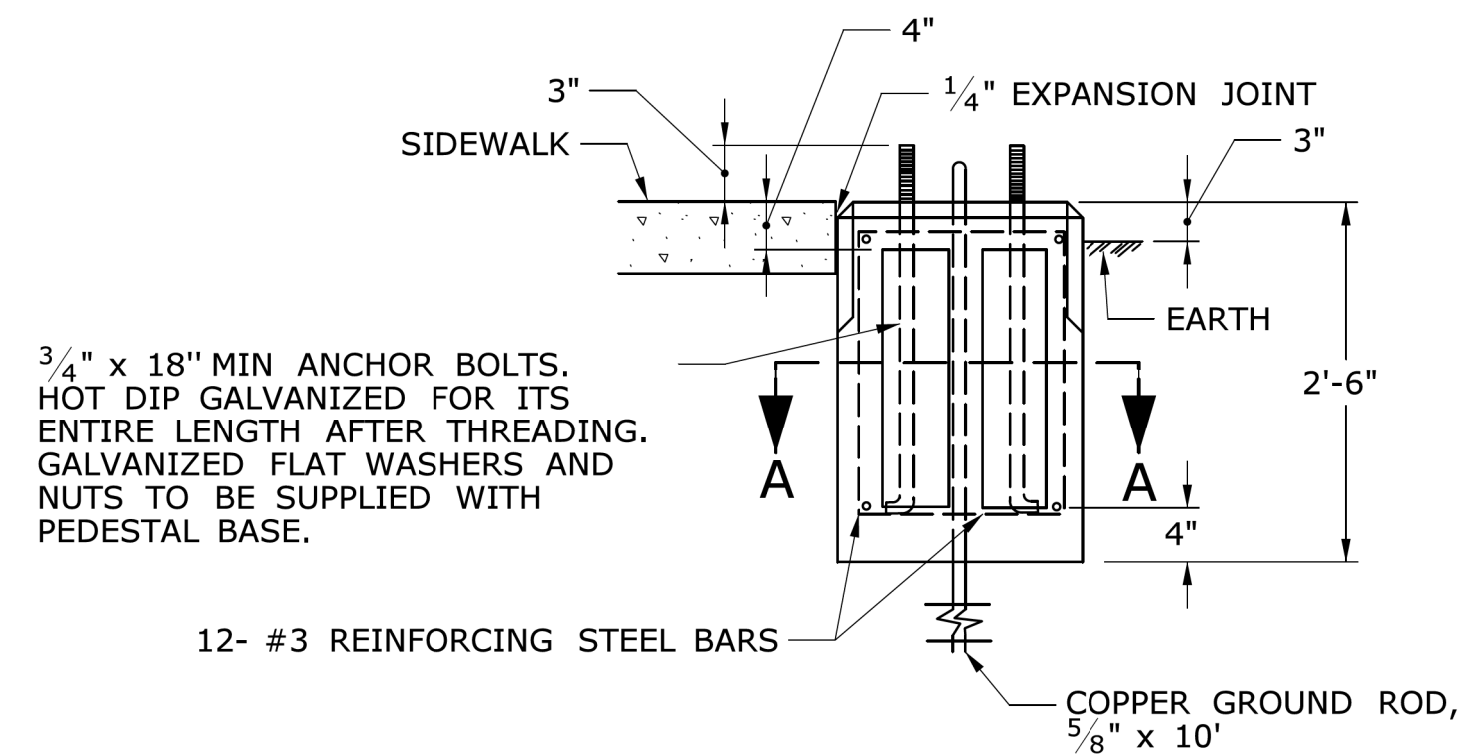
<p>Barton & Loguidice</p> <p>Civil Engineering • Environmental Consulting • Land Surveying • Construction Management</p> <p>PROJ. ENGINEER DPL PROJ. MANAGER KRG OFFICE REVIEW KRG</p>		<p>41 Sequin Drive Glastonbury, CT 06033 Phone: (860) 633-9370 Fax: (860) 633-5971 www.bandct.com</p>	
		<p>LAYOUT & DETAILS PLAN</p> <p>PREPARED FOR TOWN OF CHESHIRE</p> <p>SIDEWALK RAMP IMPROVEMENTS</p> <p>HIGHLAND AVENUE CHESHIRE, CT</p>	
<p>REVISIONS</p>		<p>PROJECT 3981-08</p>	<p>DATE 07/27/22</p>
<p>SCALE: AS NOTED</p>		<p>SHEET NO. 2 OF 5</p>	



PICTORIAL SECTION A-A



INSTALL PRECAST OR CAST IN PLACE CONCRETE SIDEWALK ON CABINET DOOR SIDE OF CONTROLLER FOUNDATION.
PITCH SIDEWALK 1/4" PER FOOT AWAY FROM THE CONTROLLER FOUNDATION.
REFER TO HIGHWAY STANDARD SHEET HW-921.01 FOR SIDEWALK CONSTRUCTION.



3/4" x 18" MIN ANCHOR BOLTS. HOT DIP GALVANIZED FOR ITS ENTIRE LENGTH AFTER THREADING. GALVANIZED FLAT WASHERS AND NUTS TO BE SUPPLIED WITH PEDESTAL BASE.

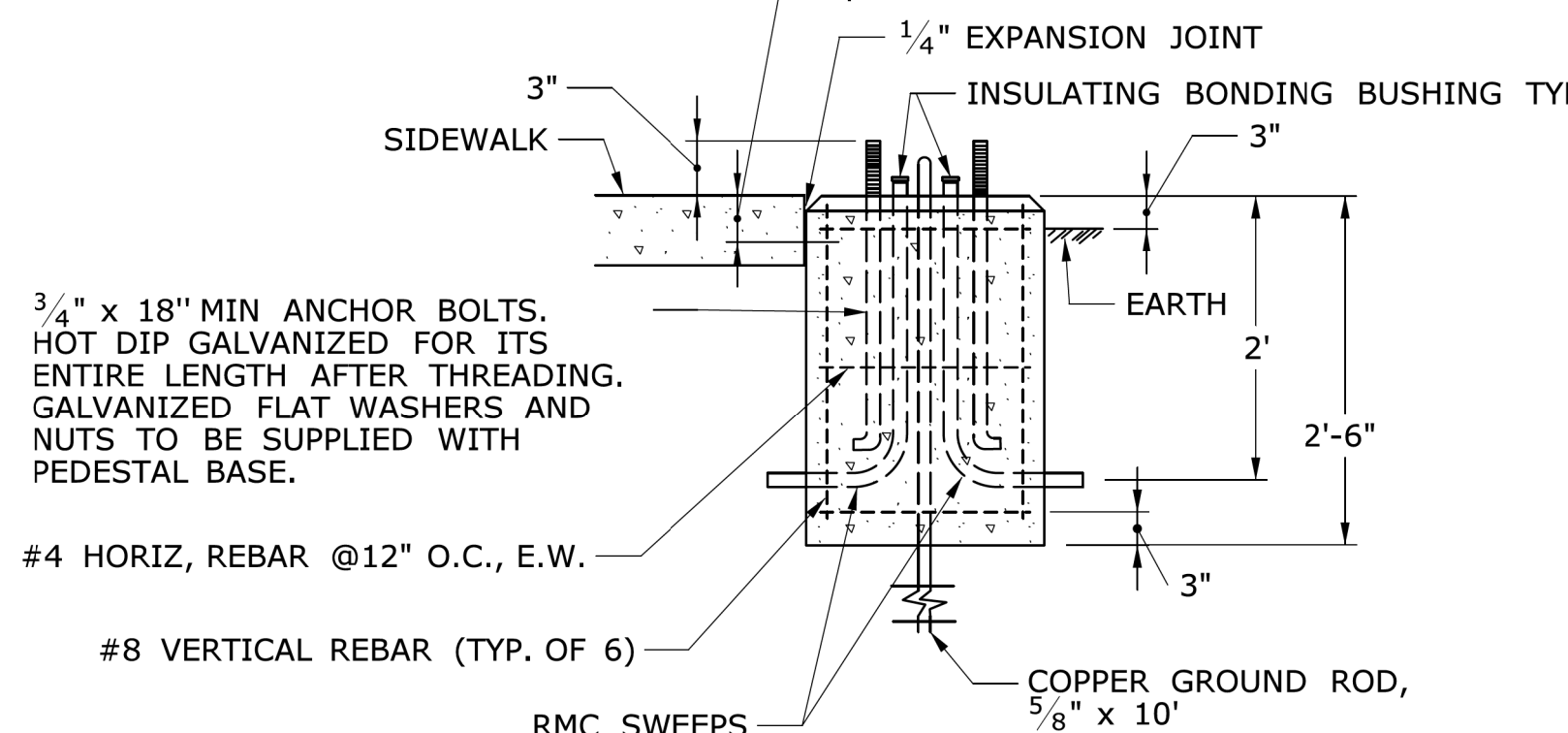
12- #3 REINFORCING STEEL BARS

COPPER GROUND ROD, 5/8" x 10'

TRAFFIC CONTROL FOUNDATION PEDESTAL - TYPE I - PRECAST

NOTES:

PLACE NO. 6 CRUSHED STONE IN CENTER OPENING AFTER CONDUITS AND GROUND ROD HAVE BEEN INSTALLED.



3/4" x 18" MIN ANCHOR BOLTS. HOT DIP GALVANIZED FOR ITS ENTIRE LENGTH AFTER THREADING. GALVANIZED FLAT WASHERS AND NUTS TO BE SUPPLIED WITH PEDESTAL BASE.

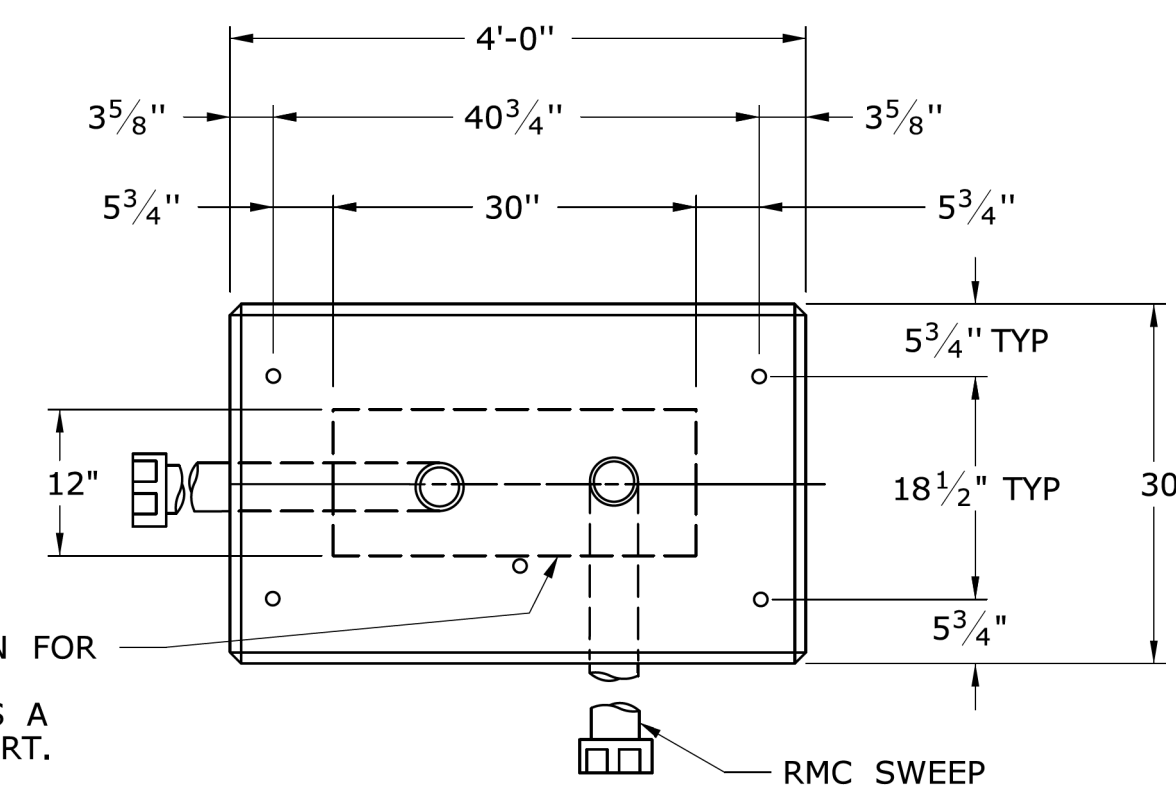
#4 HORIZ, REBAR @12" O.C., E.W.

#8 VERTICAL REBAR (TYP. OF 6)

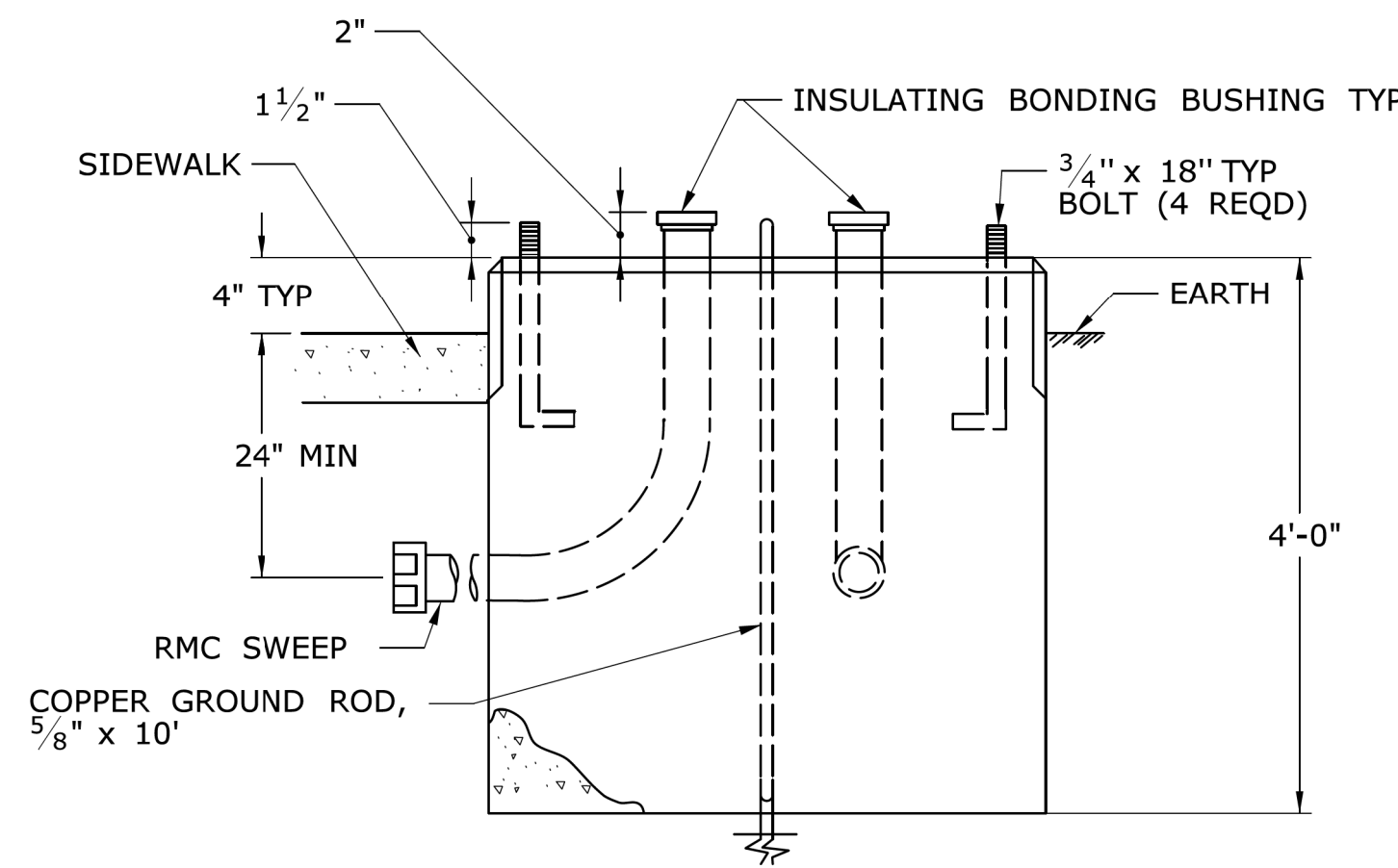
COPPER GROUND ROD, 5/8" x 10'

TRAFFIC CONTROL FOUNDATION PEDESTAL - TYPE I - CAST IN PLACE

TYPICAL CONCRETE SIDEWALK AT CONTROLLER FOUNDATION



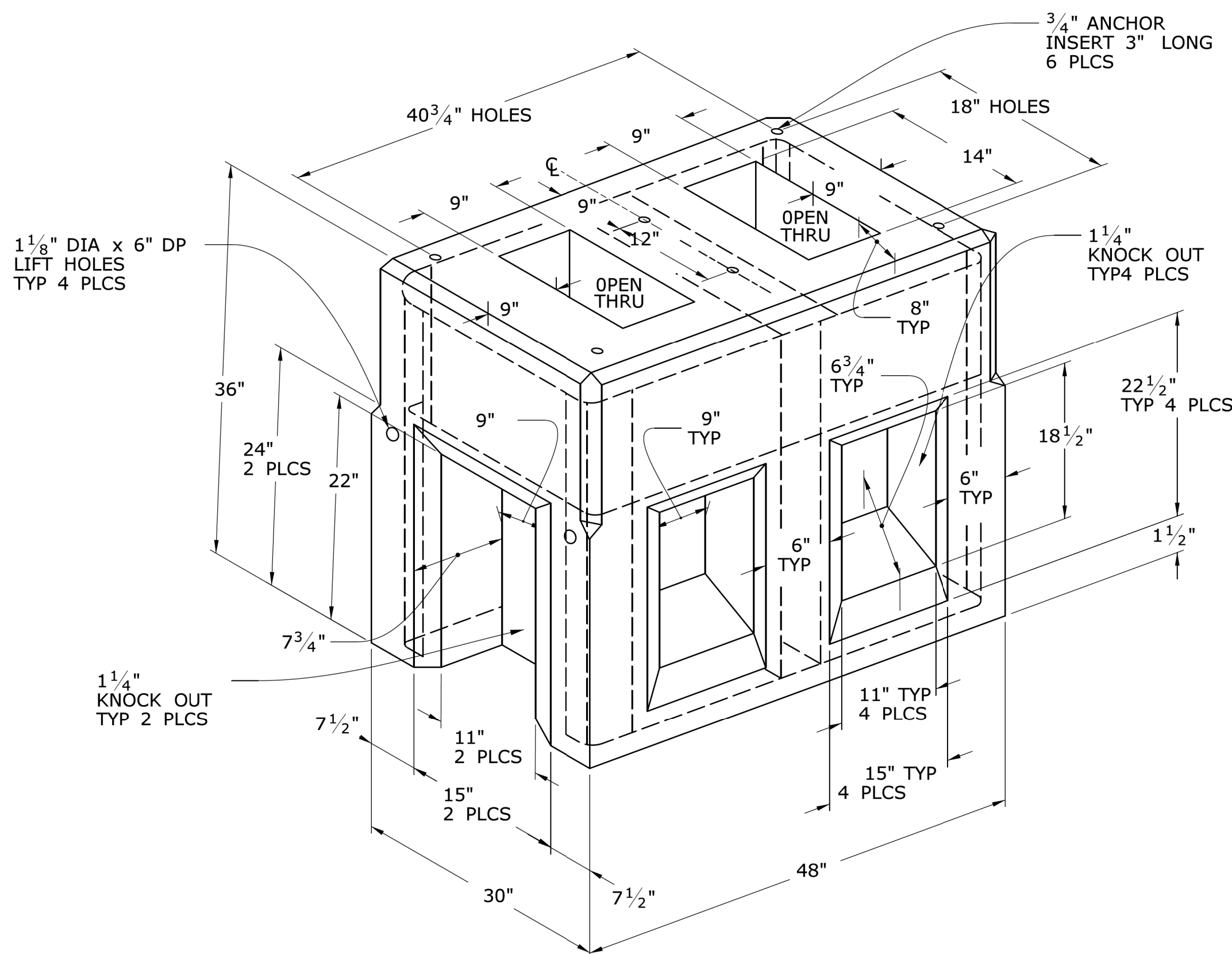
AREA OF LIMITATION FOR CONDUIT SWEEPS. SEPARATE CONDUITS A MINIMUM OF 2" APART.



TRAFFIC CONTROL FOUNDATION CONTROLLER - TYPE IV - CAST IN PLACE

NOTES:

INSTALL FOUNDATION ON 6" OF COMPACTED GRAVEL IN ACCORDANCE WITH SECTION 2.14. LEVEL FOUNDATION WITH A PROJECTION OF 4" ABOVE FINISHED GRADE.
INSTALL COPPER GROUND ROD: 5/8" x 10'.
PLACE NO. 6 CRUSHED STONE IN THE CENTER OPENINGS AFTER THE CONDUITS AND GROUND ROD HAVE BEEN INSTALLED. THE OPENINGS SHALL BE CAPPED WITH A 2" GROUT LEVEL WITH THE TOP OF THE FOUNDATION AND NEATLY FINISHED. THE GROUT SHALL CONFORM WITH THE REQUIREMENTS OF ARTICLE M.3.01-12.
CONCRETE: CLASS PCC04461 CONFORMING TO ARTICLE M.03.01.
#4 REBAR 2" MIN COVER AROUND ALL OPENINGS, 3-#4 REBARS IN EACH CORNER. CONDUITS SHALL NOT PROJECT MORE THAN 2" ABOVE FOUNDATION.



TRAFFIC CONTROL FOUNDATION CONTROLLER - TYPE IV - PRECAST

LEGEND AS SHOWN ON TRAFFIC CONTROL SIGNAL PLAN:

	PROPOSED CONTROLLER
	EXISTING CONTROLLER
	PROPOSED STEEL SPAN POLE
	EXISTING STEEL SPAN POLE



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TRAFFIC CONTROL FOUNDATIONS
PREPARED FOR
TOWN OF CHESHIRE
SIDEWALK RAMP IMPROVEMENTS

HIGHLAND AVENUE CHESHIRE, CT

PROJECT	DATE
3981-08	07/27/22

SCALE: NOT TO SCALE

SHEET NO. **5** OF **5**

