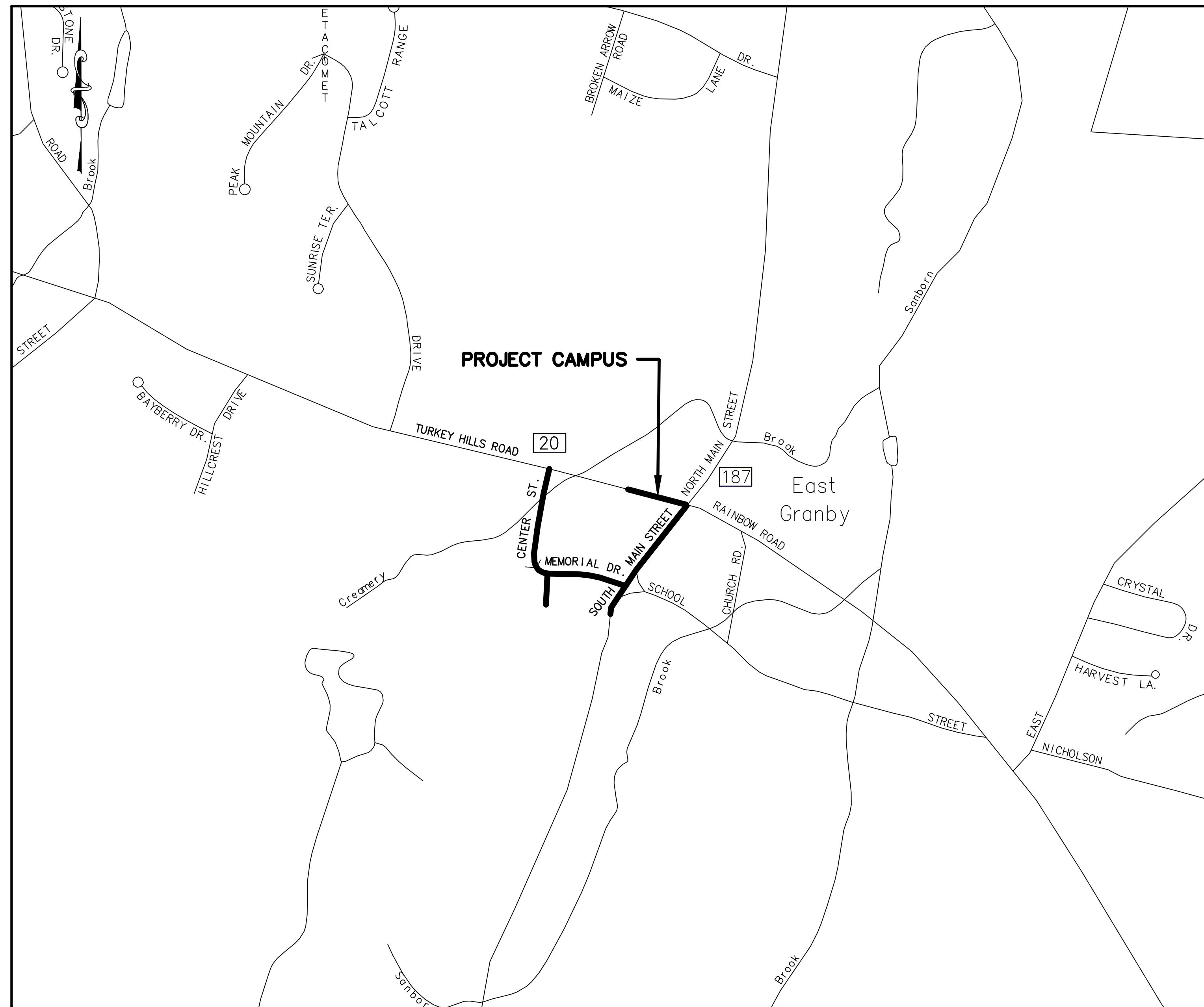


# TOWN CAMPUS SIDEWALK CONNECTIONS

## TOWN CAMPUS EAST GRANBY, CONNECTICUT COMMUNITY CONNECTIVITY GRANT PROGRAM PROJECT #0170-3513GR



LOCATION MAP

SCALE: 1"=500'

DRAWING LIST	
SHEET NUMBER	DRAWING TITLE
01-01	COVER SHEET
03-01 - 03-02	EXISTING CONDITIONS PLANS
11-01 - 11-02	SITE LAYOUT PLANS
12-01 - 12-02	GRADING PLANS
18-01 - 18-02	SOIL EROSION AND SEDIMENT CONTROL PLANS
19-01 - 19-12	CONSTRUCTION NOTES & DETAILS

**TOWN OF EAST GRANBY**  
9 Center Street  
East Granby, Connecticut 06026  
P: (860)-653-2576

**BOARD OF SELECTMEN**  
Eden Wimpfheimer, First Selectwoman  
Nicole Sokolowski, Executive Assistant  
Steven Hall, Selectman  
Amanda Thompson, Selectman

**SITE ENGINEER**  
B&B ENGINEERING LLC  
15 Research Drive  
Suite 3  
Woodbridge, Connecticut 06525  
T: (203) 881-8145

**PLANNING & ZONING DEPARTMENT**  
Robin Newton, AICP, CZEO  
Director of Planning & Economic Development

**GENERAL ENGINEERING NOTES**

- PROJECT SPECIFICATIONS ENTITLED "PROJECT MANUAL FOR TOWN CAMPUS SIDEWALK CONNECTIONS CCGP #0170-3513GR; DATED 2/7/2025; PREPARED FOR TOWN OF EAST GRANBY; PREPARED BY B&B ENGINEERING LLC., WOODBRIDGE, CT"
- THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGE, FACILITIES AND INCIDENTAL CONSTRUCTION (FORM 819) AND ALL SUPPLEMENTS THERETO SHALL GOVERN THIS PROJECT.
- TOWN CAMPUS TO BE MAINTAINED BY THE TOWN OF EAST GRANBY.

**GENERAL SURVEY NOTES**

BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM A FIELD SURVEY PREPARED BY ACCURATE LAND SURVEYING LLC., WOODBRIDGE, CT. TOPOGRAPHIC CONTOURS AND ELEVATIONS REFER TO NAVD 88 DATUM.

APPROVED BY THE TOWN OF EAST GRANBY  
*Eden Wimpfheimer*  
FIRST SELECTWOMAN EDEN WIMPFHEIMER DATE: 2/7/2025

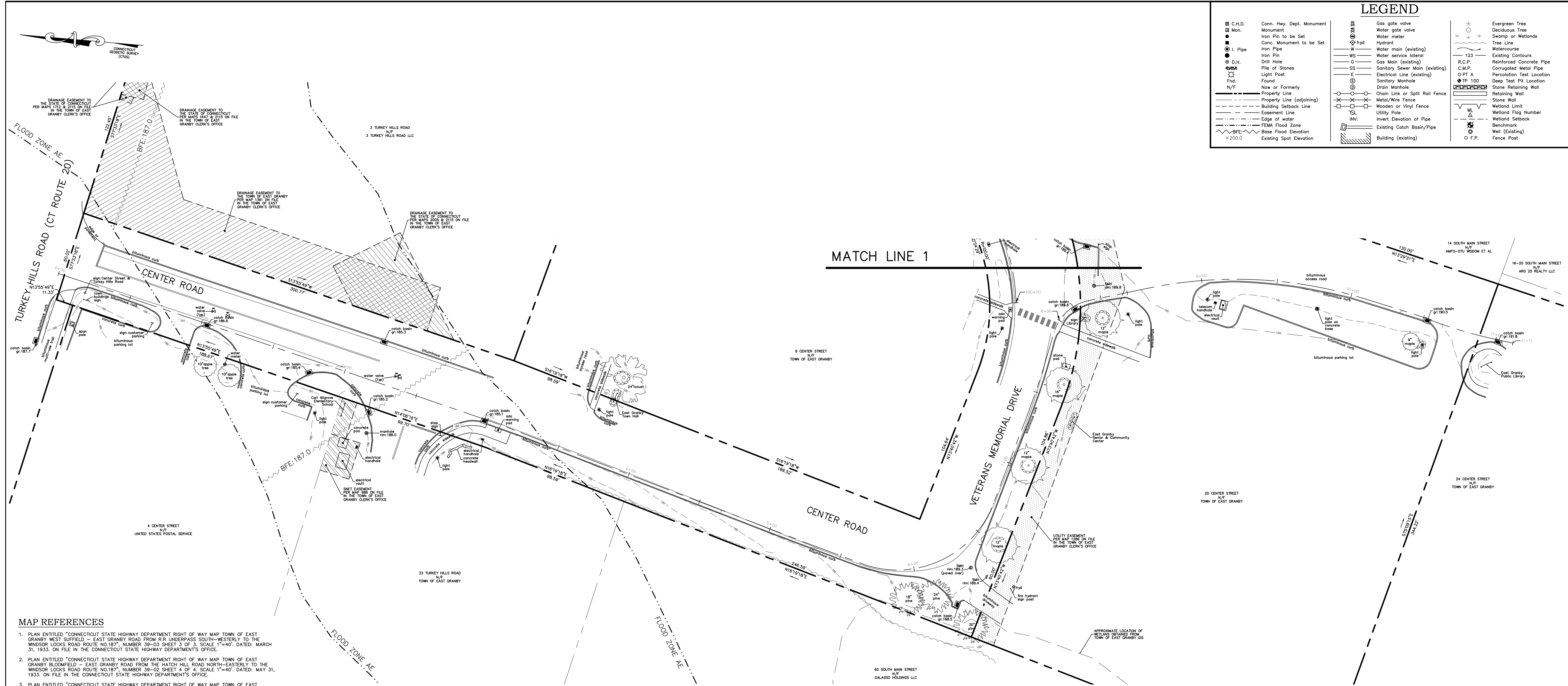
ENGINEER OF RECORD  
*Bryan P. Nesteriak*  
BRYAN P. NESTERIAK, CT. P.E., L.S. 23556 DATE: 2/7/2025





TOWN CAMPUS SIDEWALK CONNECTION, EAST GRANBY, CONNECTICUT

LEGEND			
	C.H.D. Monument		Gas gate valve
	Monument		Water meter
	Iron Pin to be Set		Hydrant
	Conc. Monument to be Set		Water main (existing)
	Iron Pipe		Water service lateral
	Drill Hole		Gas Main (existing)
	Pile of Stones		Sanitary Sewer Main (existing)
	Light Post		Electrical Line (existing)
	Found		Sanitary Manhole
	Now or Formerly		Drain Manhole
	Property Line		Chain Link or Split Rail Fence
	Property Line (adjoining)		Metal/Wire Fence
	Building Setback Line		Wooden or Vinyl Fence
	Easement Line		Utility Pole
	Edge of water		Invert Elevation of Pipe
	FEMA Flood Zone		Existing Catch Basin/Pipe
	Base Flood Elevation		Building (existing)
	Existing Spot Elevation		Evergreen Tree
			Deciduous Tree
			Swamp or Wetlands
			Tree Line
			Watercourse
			Existing Contours
			Reinforced Concrete Pipe
			Corrugated Metal Pipe
			Percolation Test Location
			Deep Test Pit Location
			Stone Retaining Wall
			Retaining Wall
			Wetland Limit
			Wetland Flag Number
			Wetland Setback
			Benchmark
			Wall (Existing)
			Fence Post



- MAP REFERENCES**
- PLAN ENTITLED "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF EAST GRANBY WEST SUFFIELD - EAST GRANBY ROAD FROM R.R. UNDERPASS SOUTH-WESTERLY TO THE WINDSOR LOCKS ROAD ROUTE NO.187", NUMBER 39-03 SHEET 3 OF 3, SCALE 1"=40', DATED: MARCH 31, 1933, ON FILE IN THE CONNECTICUT STATE HIGHWAY DEPARTMENT'S OFFICE.
  - PLAN ENTITLED "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF EAST GRANBY BLOOMFIELD - EAST GRANBY ROAD FROM THE HATCH HILL ROAD NORTH-EASTERLY TO THE WINDSOR LOCKS ROAD ROUTE NO.187", NUMBER 39-02 SHEET 4 OF 4, SCALE 1"=40', DATED: MAY 31, 1933, ON FILE IN THE CONNECTICUT STATE HIGHWAY DEPARTMENT'S OFFICE.
  - PLAN ENTITLED "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF EAST GRANBY GRANBY - EAST GRANBY ROAD FROM GRANBY EAST GRANBY T.L. EASTERLY TO WEST SUFFIELD EAST GRANBY ROAD", NUMBER 39-06 SHEET 6 OF 6, SCALE 1"=40', DATED: JANUARY 26, 1962, ON FILE IN THE CONNECTICUT STATE HIGHWAY DEPARTMENT'S OFFICE.
  - PLAN ENTITLED "PROPERTY TO BE CONVEYED TO TOWN OF EAST GRANBY CENTER STREET SOUTH MAIN STREET EAST GRANBY, CONNECTICUT", SCALE 1"=40', DATED: JULY 1970, BY CLOSE, JENSEN & MILLER, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 678.
  - PLAN ENTITLED "PLAN FOR SOUTHERN NEW ENGLAND TELEPHONE CO PROPERTY OF TOWN OF EAST GRANBY CENTER STREET EAST GRANBY, CONNECTICUT", SCALE 1"=10', DATED: JULY 1982, BY SANDERSON & WASHBURN, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 986.
  - PLAN ENTITLED "SURVEY FOR TOWN OF EAST GRANBY SOUTH MAIN STREET EAST GRANBY, CONNECTICUT", SCALE 1"=100', DATED: FEBRUARY 1987, BY SANDERSON & WASHBURN, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1137.
  - PLAN ENTITLED "SURVEY FOR ALL QUARCO SOUTH MAIN STREET EAST GRANBY, CONNECTICUT", SCALE 1"=100', DATED: FEBRUARY 1987, BY SANDERSON & WASHBURN, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1138.
  - PLAN ENTITLED "MAP SHOWING GAS DISTRIBUTION EASEMENT TO BE GRANTED TO THE CONNECTICUT LIGHT AND POWER COMPANY ACROSS THE PROPERTY OF THE CENTER SHOPS OF EAST GRANBY CONN. ROUTES 20 & 187 EAST GRANBY, CONNECTICUT", SCALE 1"=40', DATED: FEBRUARY 1989, LAST REVISED: MARCH 28, 1989, BY SANDERSON & WASHBURN, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1252.
  - PLAN ENTITLED "PROPOSED WATER EASEMENT TO MDC OVER THE PROPERTY OF CENTER SHOPS OF EAST GRANBY, INC. EAST GRANBY, CONNECTICUT", SCALE 1"=20', DATED: OCTOBER 1989, BY DAVIS SURVEYING & ENGINEERING, INC. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1258.
  - PLAN ENTITLED "MAP SHOWING UTILITY EASEMENT ACROSS PROPERTY OWNED BY THE TOWN OF EAST GRANBY MEMORIAL DRIVE EAST GRANBY, CONNECTICUT", SCALE 1"=40', DATED: OCTOBER 19, 1988, BY RONALD H. DUFOR, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1286.
  - PLAN ENTITLED "DRAINAGE EASEMENT B.J.L. ASSOCIATES CONN. ROUTE 20 EAST GRANBY, CONNECTICUT", SCALE 1"=40', DATED: MAY 10, 1976, BY SANDERSON & WASHBURN, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1361.
  - PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING EASEMENT ACQUIRED FROM CENTER SHOPS OF EAST GRANBY, INC. BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION INTERSECTION IMPROVEMENTS AT CONN. RTE. 20 & CONN. RTE. 187", SCALE 1"=25', DATED: FEBRUARY, 1997, BY JAMES F. BYRNES JR. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1647.
  - PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING EASEMENT ACQUIRED FROM TURKEY HILLS REALTY LLC BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION RECONSTRUCTION OF ROUTE 20", SCALE 1"=40', DATED: DECEMBER 2003, BY ARTHUR W. GRUHN, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 2005.
  - PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING LAND ACQUIRED FROM UNITED STATES POSTAL SERVICE BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION RECONSTRUCTION OF ROUTE 20", SCALE 1"=40', DATED: NOVEMBER, 1998, LAST REVISED: JUNE 1, 2005, BY JAMES F. BYRNES JR. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 2052.
  - PLAN ENTITLED "PROPERTY SURVEY #3 TURKEY HILLS ROAD A.K.A CONN. ROUTE 20 EAST GRANBY, CONNECTICUT", SCALE 1"=30', DATED: MAY 9, 2008, BY DUFOR SURVEYING ASSOCIATES, ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 2115.

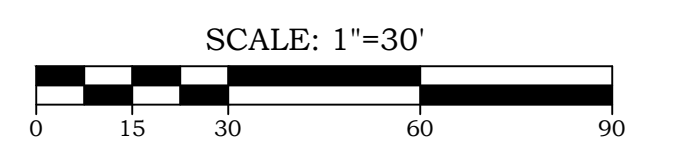
- GENERAL SURVEY NOTES**
- THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATION OF CONNECTICUT STATE AGENCIES, SECTION 20-300b-1 THROUGH 20-300b-20, EFFECTIVE OCTOBER 26, 2018, AND THE "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
  - THE BOUNDARY DETERMINATION SHOWN HEREON IS CONSIDERED A RESURVEY.
  - THE SURVEY CONFORMS TO HORIZONTAL CLASS A-2 ACCURACY STANDARDS, VERTICAL DATA CONFORMS TO CLASS V-2 STANDARDS, TOPOGRAPHIC DATA CONFORMS TO CLASS 1-2 STANDARDS. CONTOURS AND ELEVATIONS REFER TO NAVD 88 DATUM.
  - BEARINGS, COORDINATES AND ELEVATIONS ARE DERIVED FROM THE CONNECTICUT GEODETIC SURVEY (CTGS) VIA GPS TECHNOLOGY AND CONVENTIONAL SURVEY METHODS.
  - A PORTION OF THE PARCEL LIES WITHIN FLOOD ZONE AE AS SHOWN ON FEMA FIRM MAP 0903C0203F, EFFECTIVE DATE SEPTEMBER 26, 2008.
  - THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND OTHER THAN DEPICTED HEREON, IF ANY, IS UNKNOWN.



DRAWING LIST	
DRAWING #	DRAWING NAME
03-01	03-02 COVER SHEET
11-01	11-02 EXISTING CONDITIONS PLANS
12-01	12-02 SITE LAYOUT PLANS
15-01	15-02 GRADING PLANS
19-01	19-02 SOIL EROSION & SEDIMENT CONTROL PLAN
	19-12 CONSTRUCTION NOTES & DETAILS

THIS DOCUMENT, THE DESIGN AND DESIGN INCORPORATED HEREON IS AN INSTRUMENT OF PROFESSIONAL SERVICE AND THE PROPERTY OF B&B ENGINEERING, LLC AND IS NOT TO BE REPRODUCED OR USED IN WHOLE OR IN PART FOR ANY EXTENSION OF THIS PROJECT OR FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF B&B ENGINEERING, LLC. THIS DRAWING IS NOT A FINAL AND VALID DOCUMENT WITHOUT A SIGNATURE OF THE CERTIFIED PROFESSIONAL, AND A LIVE NET STAMP OR EMBOSSED SEAL.

No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS



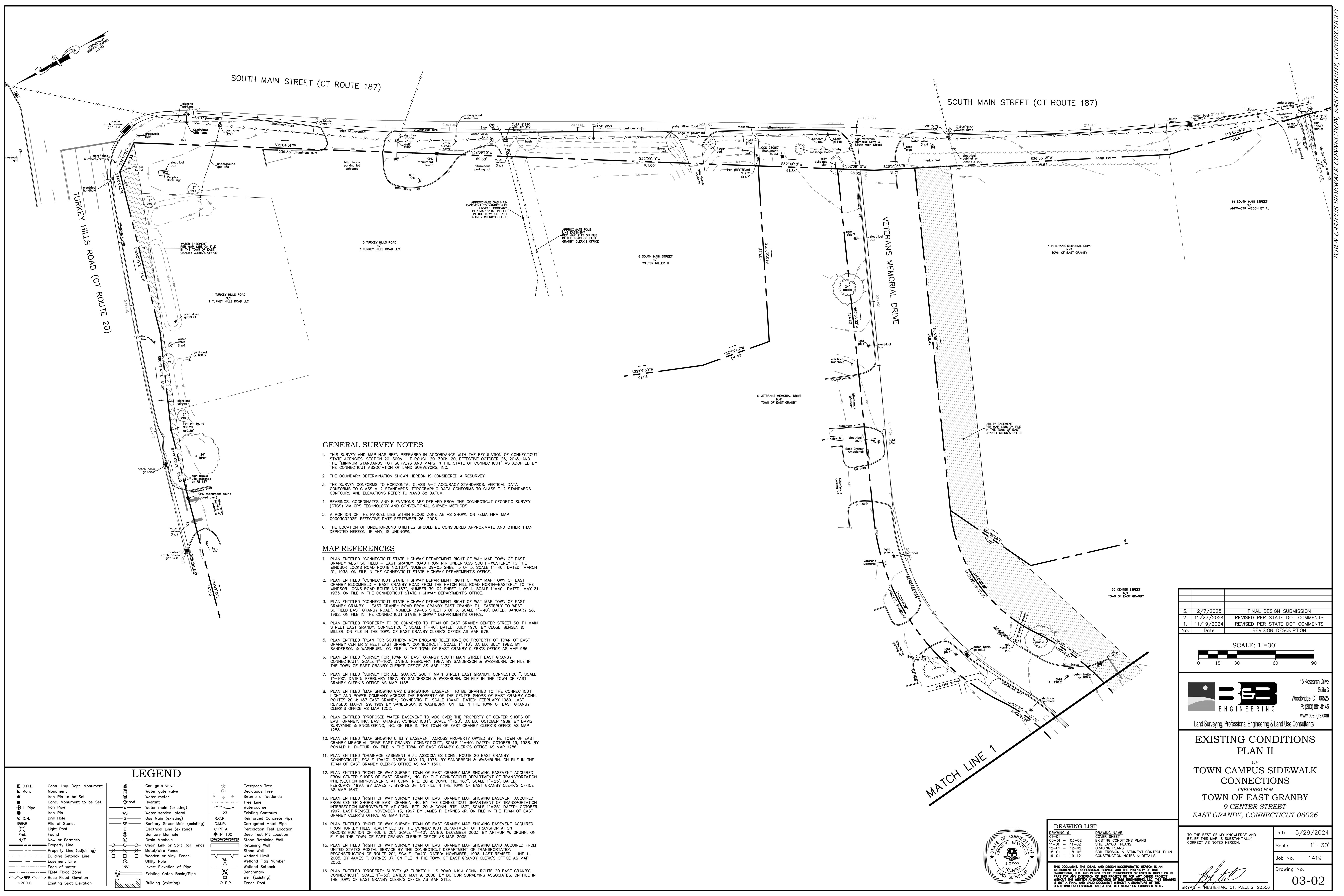
**B&B ENGINEERING**  
 15 Research Drive  
 Suite 3  
 Woodbridge, CT 06626  
 P: (203) 881-8145  
 www.bbengs.com  
 Land Surveying, Professional Engineering & Land Use Consultants

**EXISTING CONDITIONS PLAN I**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.	Date	5/29/2024
	Scale	1"=30'
	Job No.	1419
	Drawing No.	03-01

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556





**GENERAL SURVEY NOTES**

1. THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATION OF CONNECTICUT STATE AGENCIES, SECTION 20-300b-1 THROUGH 20-300b-20, EFFECTIVE OCTOBER 26, 2018, AND THE "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
2. THE BOUNDARY DETERMINATION SHOWN HEREON IS CONSIDERED A RESURVEY.
3. THE SURVEY CONFORMS TO HORIZONTAL CLASS A-2 ACCURACY STANDARDS. VERTICAL DATA CONFORMS TO CLASS V-2 STANDARDS. TOPOGRAPHIC DATA CONFORMS TO CLASS T-2 STANDARDS. CONTOURS AND ELEVATIONS REFER TO NAVD 88 DATUM.
4. BEARINGS, COORDINATES AND ELEVATIONS ARE DERIVED FROM THE CONNECTICUT GEODETIC SURVEY (CTS) VIA GPS TECHNOLOGY AND CONVENTIONAL SURVEY METHODS.
5. A PORTION OF THE PARCEL LIES WITHIN FLOOD ZONE AE AS SHOWN ON FEMA FIRM MAP 080302020F, EFFECTIVE DATE: SEPTEMBER 26, 2008.
6. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND OTHER THAN DEPICTED HEREON, IF ANY, IS UNKNOWN.

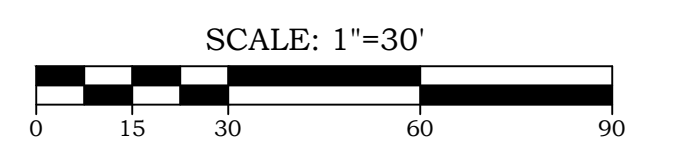
**MAP REFERENCES**

1. PLAN ENTITLED "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF EAST GRANBY WEST SUFFIELD - EAST GRANBY ROAD FROM R/R UNDERPASS SOUTH-WESTERLY TO THE WINDSOR LOCKS ROAD ROUTE NO.187", NUMBER 39-03 SHEET 3 OF 3, SCALE 1"=40', DATED: MARCH 31, 1933. ON FILE IN THE CONNECTICUT STATE HIGHWAY DEPARTMENT'S OFFICE.
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3. PLAN ENTITLED "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF EAST GRANBY GRANBY - EAST GRANBY ROAD FROM GRANBY EAST GRANBY T.I. EASTERLY TO WEST SUFFIELD EAST GRANBY ROAD", NUMBER 39-06 SHEET 6 OF 6, SCALE 1"=40', DATED: JANUARY 26, 1962. ON FILE IN THE CONNECTICUT STATE HIGHWAY DEPARTMENT'S OFFICE.
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5. PLAN ENTITLED "PLAN FOR SOUTHERN NEW ENGLAND TELEPHONE CO. PROPERTY OF TOWN OF EAST GRANBY CENTER STREET EAST GRANBY, CONNECTICUT", SCALE 1"=10', DATED: JULY 1982, BY SANDERSON & WASHBURN. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 986.
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7. PLAN ENTITLED "SURVEY FOR A.L. GUARCO SOUTH MAIN STREET EAST GRANBY, CONNECTICUT", SCALE 1"=100', DATED: FEBRUARY 1987, BY SANDERSON & WASHBURN. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1138.
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9. PLAN ENTITLED "PROPOSED WATER EASEMENT TO MDC OVER THE PROPERTY OF CENTER SHOPS OF EAST GRANBY, INC. EAST GRANBY, CONNECTICUT", SCALE 1"=20', DATED: OCTOBER 1989, BY DAVIS SURVEYING & ENGINEERING, INC. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1258.
10. PLAN ENTITLED "MAP SHOWING UTILITY EASEMENT ACROSS PROPERTY OWNED BY THE TOWN OF EAST GRANBY MEMORIAL DRIVE - EAST GRANBY, CONNECTICUT", SCALE 1"=40', DATED: OCTOBER 19, 1989, BY RONALD H. DUFOUR. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1286.
11. PLAN ENTITLED "DRAINAGE EASEMENT B.J.L. ASSOCIATES CONN. ROUTE 20 EAST GRANBY, CONNECTICUT", SCALE 1"=40', DATED: MAY 10, 1976, BY SANDERSON & WASHBURN. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1361.
12. PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING EASEMENT ACQUIRED FROM CENTER SHOPS OF EAST GRANBY, INC. BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION INTERSECTION IMPROVEMENTS AT CONN. RTE. 20 & CONN. RTE. 187", SCALE 1"=25', DATED: FEBRUARY, 1997, BY JAMES F. BYRNES JR. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1647.
13. PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING EASEMENT ACQUIRED FROM CENTER SHOPS OF EAST GRANBY, INC. BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION INTERSECTION IMPROVEMENTS AT CONN. RTE. 20 & CONN. RTE. 187", SCALE 1"=25', DATED: OCTOBER 1997, LAST REVISED: NOVEMBER 13, 1997 BY JAMES F. BYRNES JR. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 1647.
14. PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING EASEMENT ACQUIRED FROM TURKEY HILLS REALTY LLC BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION RECONSTRUCTION OF ROUTE 20", SCALE 1"=40', DATED: DECEMBER 2003, BY ARTHUR W. GRUHN. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 2005.
15. PLAN ENTITLED "RIGHT OF WAY SURVEY TOWN OF EAST GRANBY MAP SHOWING LAND ACQUIRED FROM UNITED STATES POSTAL SERVICE BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION RECONSTRUCTION OF ROUTE 20", SCALE 1"=40', DATED: NOVEMBER, 1998, LAST REVISED: JUNE 1, 2005, BY JAMES F. BYRNES JR. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 2052.
16. PLAN ENTITLED "PROPERTY SURVEY #3 TURKEY HILLS ROAD A.K.A. CONN. ROUTE 20 EAST GRANBY, CONNECTICUT", SCALE 1"=30', DATED: MAY 9, 2008, BY DUFOUR SURVEYING ASSOCIATES. ON FILE IN THE TOWN OF EAST GRANBY CLERK'S OFFICE AS MAP 2115.

**LEGEND**

<ul style="list-style-type: none"> <li>■ C.H.D. Monument</li> <li>● Conn. Monument to be Set</li> <li>○ Iron Pin</li> <li>⊙ D.H. Found</li> <li>N/F Now or Formerly</li> <li>--- Property Line (adjoining)</li> <li>--- Building Setback Line</li> <li>--- Easement Line</li> <li>--- Edge of water</li> <li>--- FEMA Flood Zone</li> <li>--- BFE Base Flood Elevation</li> <li>×200.0 Existing Spot Elevation</li> </ul>	<ul style="list-style-type: none"> <li>--- Gas gate valve</li> <li>--- Hyd. Water meter</li> <li>--- Hyd. Water main (existing)</li> <li>--- WS Water service lateral</li> <li>--- G Gas Main (existing)</li> <li>--- SS Sanitary Sewer Main (existing)</li> <li>--- E Electrical Line (existing)</li> <li>--- Sanitary Manhole</li> <li>--- Drain Manhole</li> <li>--- Chain Link or Split Rail Fence</li> <li>--- Metal/Wire Fence</li> <li>--- Wooden or Vinyl Fence</li> <li>--- Utility Pole</li> <li>--- Invert Elevation of Pipe</li> <li>--- Existing Catch Basin/Pipe</li> <li>--- Building (existing)</li> </ul>	<ul style="list-style-type: none"> <li>★ Evergreen Tree</li> <li>○ Deciduous Tree</li> <li>--- Swamp or Wetlands</li> <li>--- Tree Line</li> <li>--- Watercourse</li> <li>--- Existing Contours</li> <li>--- R.C.P. Reinforced Concrete Pipe</li> <li>--- C.M.P. Corrugated Metal Pipe</li> <li>--- P.T.A. Percussion Test Location</li> <li>--- TP 100 Deep Test Pit Location</li> <li>--- Stone Retaining Wall</li> <li>--- Retaining Wall</li> <li>--- Stone Wall</li> <li>--- Wetland Limit</li> <li>--- Wetland Flag Number</li> <li>--- Wetland Setback</li> <li>--- Benchmark</li> <li>--- Well (Existing)</li> <li>--- Fence Post</li> </ul>
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No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS



**LB ENGINEERING**  
 15 Research Drive, Suite 3  
 Woodbridge, CT 06626  
 P: (203) 881-8145  
 www.lbengs.com  
 Land Surveying, Professional Engineering & Land Use Consultants

**EXISTING CONDITIONS PLAN II**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

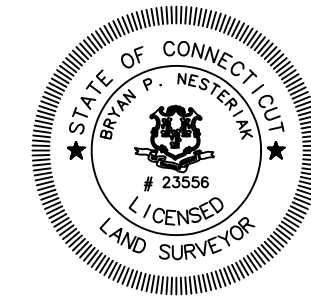
**DRAWING LIST**

DRAWING #	DRAWING NAME
03-01	03-02 COVER SHEET
11-01	11-02 EXISTING CONDITIONS PLANS
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19-01	19-12 SOIL EROSION & SEDIMENT CONTROL PLAN CONSTRUCTION NOTES & DETAILS

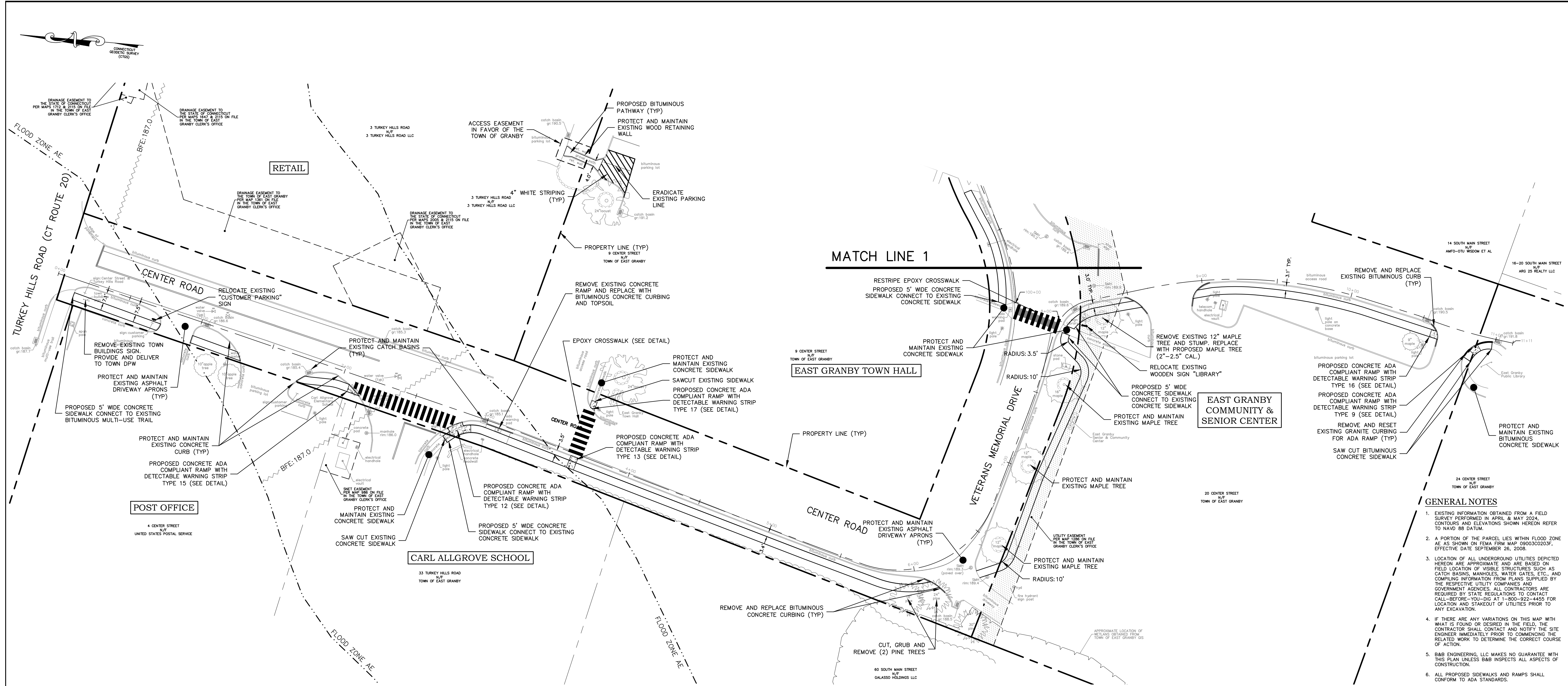
TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Date 5/29/2024  
 Scale 1"=30'  
 Job No. 1419  
 Drawing No. 03-02

BRYAN P. NESTERAK, CT. P.E., L.S. 23556

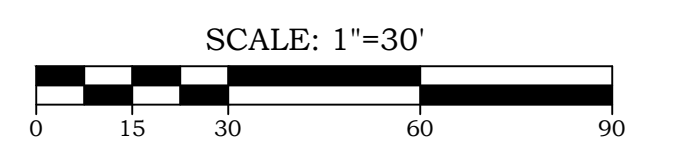






- GENERAL NOTES**
- EXISTING INFORMATION OBTAINED FROM A FIELD SURVEY PERFORMED IN APRIL & MAY 2024. CONTOURS AND ELEVATIONS SHOWN HEREON REFER TO NAVD 88 DATUM.
  - A PORTION OF THE PARCEL LIES WITHIN FLOOD ZONE AE AS SHOWN ON FEMA FIRM MAP 0900300203F, EFFECTIVE DATE SEPTEMBER 26, 2008.
  - LOCATION OF ALL UNDERGROUND UTILITIES DEPICTED HEREON ARE APPROXIMATE AND ARE BASED ON FIELD LOCATION OF VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER GATES, ETC., AND COMPILING INFORMATION FROM PLANS SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES AND GOVERNMENT AGENCIES. ALL CONTRACTORS ARE REQUIRED BY STATE REGULATIONS TO CONTACT CALL-BEFORE-YOU-DIG AT 1-800-922-4445 FOR LOCATION AND STAKEOUT OF UTILITIES PRIOR TO ANY EXCAVATION.
  - IF THERE ARE ANY VARIATIONS ON THIS MAP WITH WHAT IS FOUND OR DESIRED IN THE FIELD, THE CONTRACTOR SHALL CONTACT AND NOTIFY THE SITE ENGINEER IMMEDIATELY PRIOR TO COMMENCING THE RELATED WORK TO DETERMINE THE CORRECT COURSE OF ACTION.
  - B&B ENGINEERING, LLC MAKES NO GUARANTEE WITH THIS PLAN UNLESS B&B INSPECTS ALL ASPECTS OF CONSTRUCTION.
  - ALL PROPOSED SIDEWALKS AND RAMPS SHALL CONFORM TO ADA STANDARDS.

No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS



**B&B ENGINEERING**

15 Research Drive  
Suite 3  
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P: (203) 881-8145  
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Land Surveying, Professional Engineering & Land Use Consultants

**SITE DEVELOPMENT PLAN I**  
OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
PREPARED FOR  
**TOWN OF EAST GRANBY**  
9 CENTER STREET  
EAST GRANBY, CONNECTICUT 06026

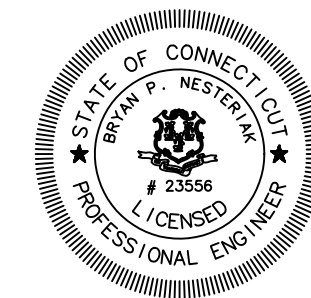
**DRAWING LIST**

DRAWING #	DRAWING NAME
03-01	COVER SHEET
03-02	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
13-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Date 5/29/2024  
Scale 1"=30'  
Job No. 1419  
Drawing No. 11-01

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556



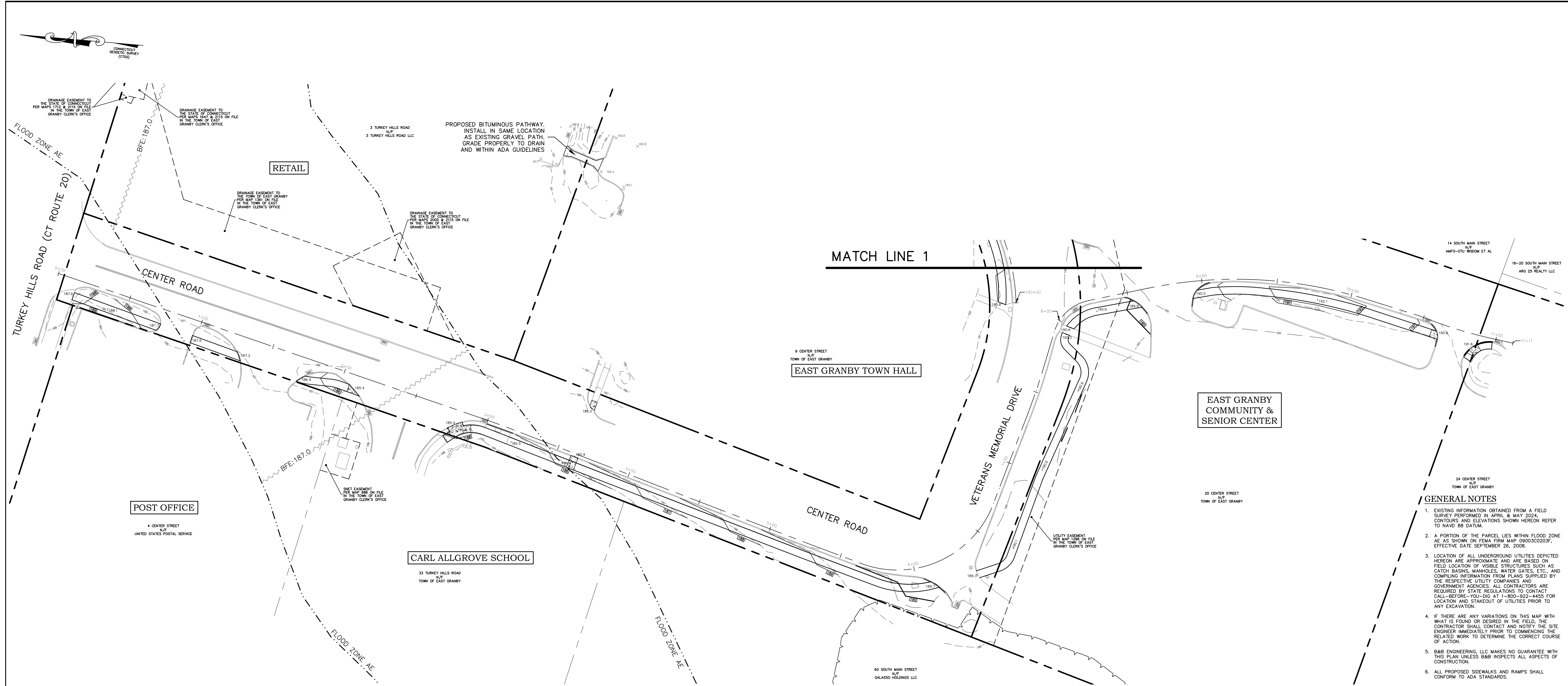
**LEGEND**

■ C.H.D. Monument	○ W.G. Water gate valve	○ Evergreen Tree
● Mon. Monument	○ W. Water main (existing)	○ Deciduous Tree
■ Conc. Monument to be Set	○ W. Water main (proposed)	○ Swamp or Wetlands
○ I.P. Iron Pipe	○ WS Water service lateral	○ Watercourse
○ I.P. Iron Pin	○ G Gas Main (existing)	○ Existing Contours
○ D.H. Drill Hole	○ G Gas Main (proposed)	○ Proposed Contours
○ F.S. File of Stones	○ SS Sanitary sewer lateral	○ R.C.P. Reinforced Concrete Pipe
○ F.P. Fence Post	○ S Sanitary Sewer Main (existing)	○ C.M.P. Corrugated Metal Pipe
○ Fnd. Found	○ S Sanitary Sewer Main (proposed)	○ Q.P.T.A. Percolation Test Location
○ n/f Now or Formerly	○ Stone Wall	○ TP 100 Deep Test Pit Location
--- Property Line	○ Barbed Wire Fence	○ Stone Retaining Wall
--- Property Line (adjoining)	○ Fence	○ Retaining Wall
--- Building Setback Line	○ Utility Pole	○ Wetland Limit
--- Easement Line	○ Existing Manhole	○ Wetland Flag Number
--- Centerline	○ Proposed Manhole	○ Wetland Setback
--- Ledge or Boulders	○ Existing Catch Basin/Pipe	○ Benchmark
--- Earth or gravel fill	○ Proposed Storm Pipe	○ Silt Fence
--- Existing Spot Elevation	○ Proposed Catch Basin	○ Well (existing)
--- Proposed Spot Elevation	○ Building (existing)	○ Well (proposed)
--- Invert Elevation of Pipe		○ Anti-Mud Tracking Pad



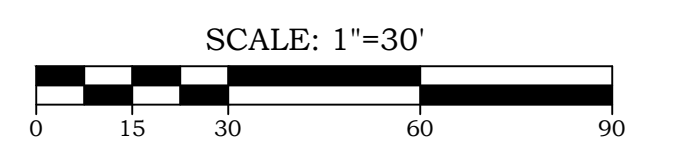






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**B&B ENGINEERING**

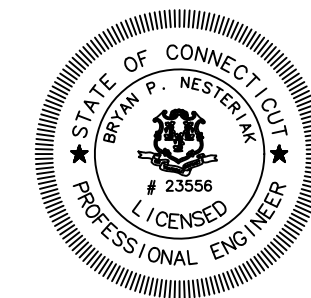
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PREPARED FOR  
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9 CENTER STREET  
EAST GRANBY, CONNECTICUT 06026

**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
02-01	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
13-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS



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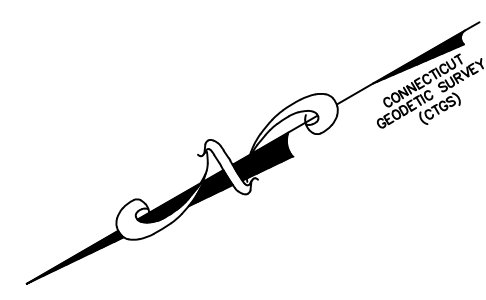
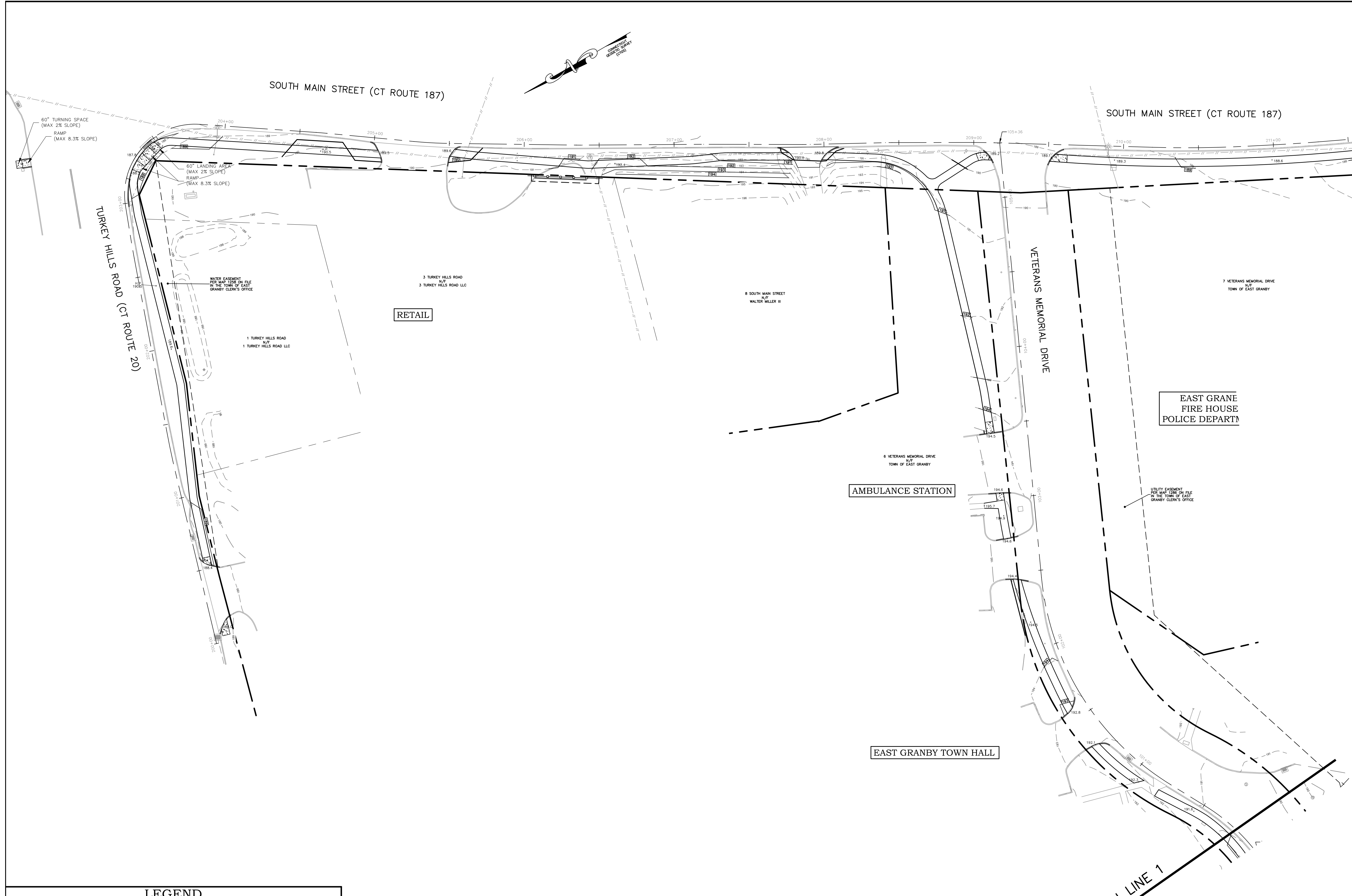
Date 5/29/2024  
Scale 1"=30'  
Job No. 1419  
Drawing No. 12-01

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

**LEGEND**

■ C.H.D. Monument	○ W.G. Water gate valve	⊕ Evergreen Tree
● Mon. Monument	○ O.G.S. Gas gate valve	⊕ Deciduous Tree
■ Iron Pin to be Set	— W— Water main (existing)	⊕ Swamp or Wetlands
■ Conc. Monument to be Set	— W— Water main (proposed)	— Watercourse
● Iron Pipe	— WS— Water service lateral	— Existing Contours
● I.P. Iron Pin	— G— Gas Main (existing)	— Proposed Contours
○ D.H. Drill Hole	— G— Gas Main (proposed)	— R.C.P. Reinforced Concrete Pipe
○ Pile of Stones	— SS— Sanitary sewer lateral	— C.M.P. Corrugated Metal Pipe
○ C.F.P. Fence Post	— S— Sanitary Sewer Main (existing)	— Q.P.T.A. Percolation Test Location
○ Fnd. Found	— S— Sanitary Sewer Main (proposed)	— TP 100 Deep Test Pit Location
n/f Now or Formerly	— Stone Wall	— Stone Retaining Wall
— Property Line	— Barbed Wire Fence	— Retaining Wall
— Property Line (adjoining)	— Fence	— Wetland Limit
— Building Setback Line	— Utility Pole	— Wetland Flag Number
— Easement Line	— Existing Manhole	— Wetland Setback
— Centerline	— Proposed Manhole	— Benchmark
— Ledge or Boulders	— Proposed Catch Basin/Pipe	— Silt Fence
— Earth or gravel fill	— Proposed Storm Pipe	— Well (existing)
— Existing Spot Elevation	— Proposed Catch Basin	— Well (proposed)
— Proposed Spot Elevation	— Building (existing)	— Anti-Mud Tracking Pad
— Invert Elevation of Pipe		



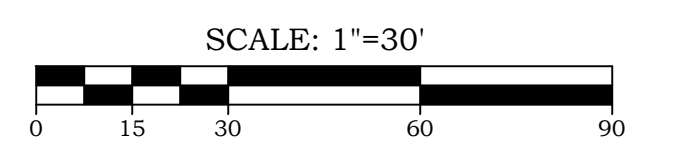


**LEGEND**

<ul style="list-style-type: none"> <li>■ C.H.D. Monument</li> <li>● Mon. Monument to be Set</li> <li>● Conc. Monument to be Set</li> <li>● Iron Pipe</li> <li>● Iron Pin</li> <li>● D.H. Drill Hole</li> <li>● Pile of Stones</li> <li>● C.F.P. Found</li> <li>● n/f Not Found</li> <li>--- Property Line</li> <li>--- Property Line (adjoining)</li> <li>--- Building Setback Line</li> <li>--- Easement Line</li> <li>--- Centerline</li> <li>--- Ledge or Boulders</li> <li>--- Earth or gravel fill</li> <li>--- Existing Spot Elevation</li> <li>--- Proposed Spot Elevation</li> <li>--- Invert Elevation of Pipe</li> </ul>	<ul style="list-style-type: none"> <li>○ W.G. Water gate valve</li> <li>○ G.G.V. Gas gate valve</li> <li>--- W Water main (existing)</li> <li>--- W Water main (proposed)</li> <li>--- Hydrant</li> <li>--- WS Water service lateral</li> <li>--- G Gas main (existing)</li> <li>--- G Gas main (proposed)</li> <li>--- SS Sanitary sewer lateral</li> <li>--- S Sanitary Sewer Main (existing)</li> <li>--- S Sanitary Sewer Main (proposed)</li> <li>--- Stone Wall</li> <li>--- Barbed Wire Fence</li> <li>--- Fence</li> <li>○ Utility Pole</li> <li>○ Existing Manhole</li> <li>○ Proposed Manhole</li> <li>○ Existing Catch Basin/Pipe</li> <li>○ Proposed Storm Pipe</li> <li>○ Proposed Catch Basin</li> <li>--- Building (existing)</li> </ul>	<ul style="list-style-type: none"> <li>● Evergreen Tree</li> <li>● Deciduous Tree</li> <li>--- Swamp or Wetlands</li> <li>--- Watercourse</li> <li>--- Existing Contours</li> <li>--- Proposed Contours</li> <li>--- R.C.P. Reinforced Concrete Pipe</li> <li>--- C.M.P. Corrugated Metal Pipe</li> <li>--- Q.P.T.A. Percolation Test Location</li> <li>--- TP 100 Deep Test Pit Location</li> <li>--- Stone Retaining Wall</li> <li>--- Retaining Wall</li> <li>--- Wetland Limit</li> <li>--- Wetland Flag Number</li> <li>--- Wetland Setback</li> <li>--- Benchmark</li> <li>--- Silt Fence</li> <li>--- Well (existing)</li> <li>--- Well (proposed)</li> <li>--- Anti-Mud Tracking Pad</li> </ul>
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**B&B ENGINEERING**

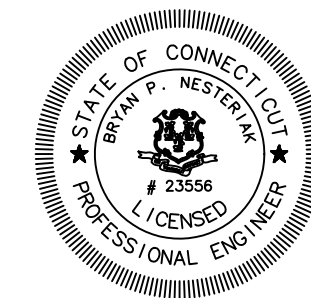
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**GRADING PLAN II**  
OF  
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PREPARED FOR  
**TOWN OF EAST GRANBY**  
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**DRAWING LIST**

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01-01	COVER SHEET
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19-01	CONSTRUCTION NOTES & DETAILS

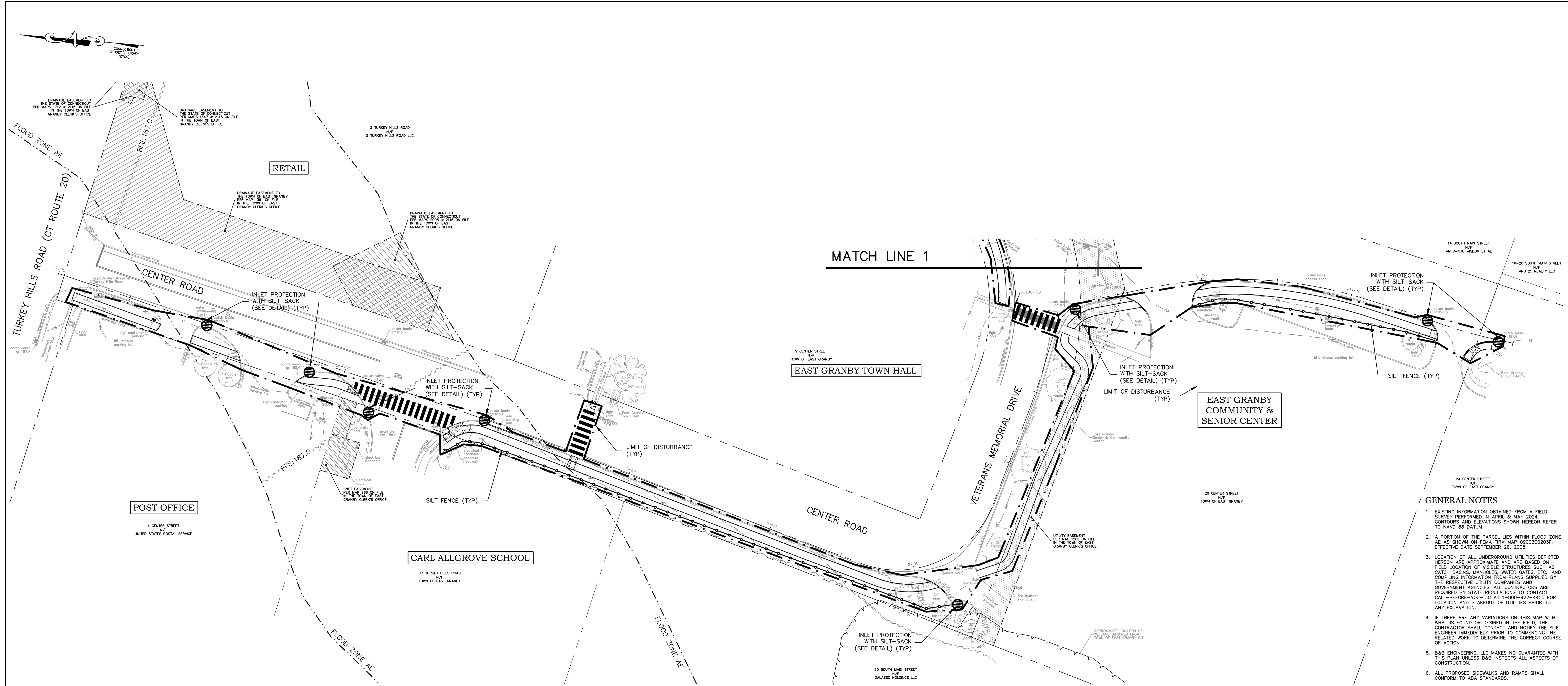


TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS SHOWN HEREON.

Date 5/29/2024  
Scale 1"=30'  
Job No. 1419  
Drawing No. 12-02

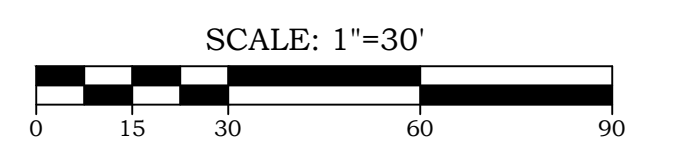
BRYAN P. NESTERIAK, CT, P.E., L.S. 23556





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**BE ENGINEERING**

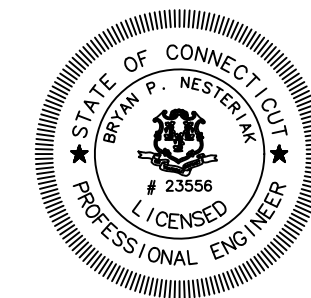
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**DRAWING LIST**

DRAWING #	DRAWING NAME
03-01	COVER SHEET
03-01	EXISTING CONDITIONS PLANS
12-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS



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Date 5/29/2024  
Scale 1"=30'  
Job No. 1419  
Drawing No. 18-01

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

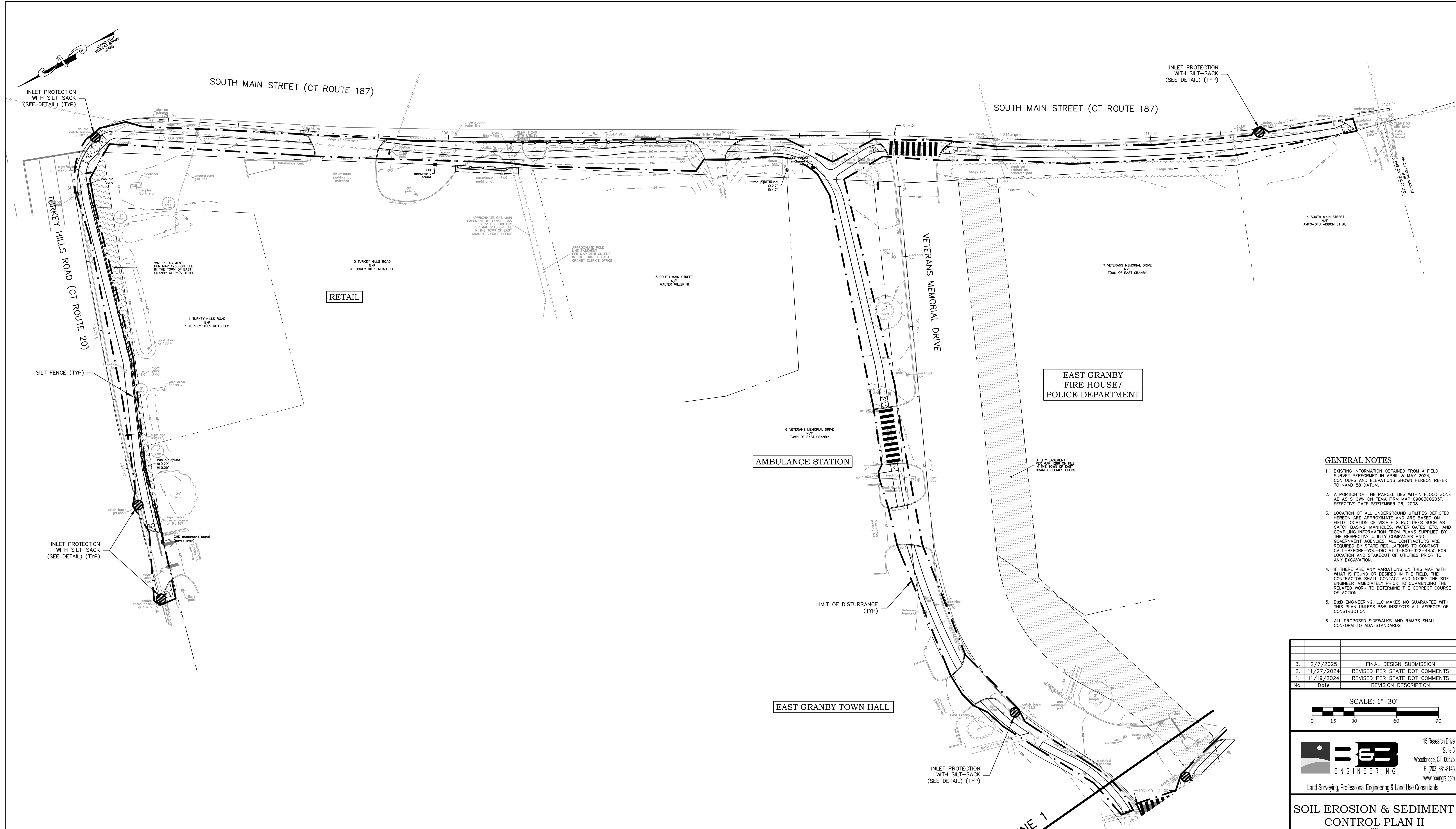
**LEGEND**

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● Mon. Monument	○ O.G. Water main (existing)	⊕ Deciduous Tree
■ Conc. Monument to be Set	— W Water main (proposed)	⊕ Swamp or Wetlands
● Iron Pipe	— WS Water service lateral	— Watercourse
● I.P. Iron Pin	— G Gas Main (existing)	— Existing Contours
○ D.H. Drill Hole	— G Gas Main (proposed)	— Proposed Contours
○ C.F.P. File of Stones	— SS Sanitary sewer lateral	— R.C.P. Reinforced Concrete Pipe
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— Centerline	— Existing Manhole	— Wetland Flag Number
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— Earth or gravel fill	— Existing Catch Basin/Pipe	— Benchmark
— Existing Spot Elevation	— Proposed Storm Pipe	— Silt Fence
— Proposed Spot Elevation	— Proposed Catch Basin	— Well (existing)
— Invert Elevation of Pipe	— Building (existing)	— Well (proposed)
		— Anti-Mud Tracking Pad

**LEGEND**

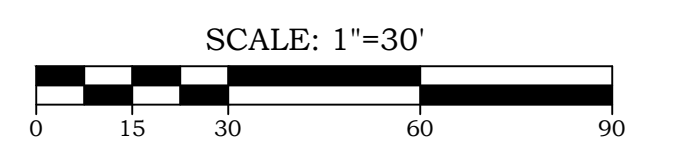
— SILT FENCE
— LIMIT OF DISTURBANCE
— INLET PROTECTION





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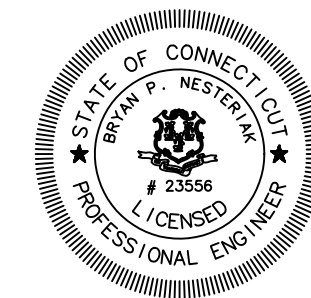
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Date 5/29/2024  
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 Job No. 1419  
 Drawing No. 18-02

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

**DRAWING LIST**

DRAWING #	DRAWING NAME
01-00	COVER SHEET
03-01	03-02 EXISTING CONDITIONS PLANS
11-01	11-02 SITE LAYOUT PLANS
12-01	12-02 GRADING PLANS
18-01	18-02 SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	19-12 CONSTRUCTION NOTES & DETAILS



**LEGEND**

■ C.H.D. Monument	○ W.G. Water gate valve	○ Evergreen Tree
● Mon. Monument to be Set	○ W. Water main (existing)	○ Deciduous Tree
■ Conc. Monument to be Set	○ W. Water main (proposed)	○ Swamp or Wetlands
● I.P. Iron Pipe	○ WS Water service lateral	○ Watercourse
● I.P. Iron Pin	○ G Gas main (existing)	○ Existing Contours
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○ F.P. Fence Post	○ S Sanitary Sewer Main (existing)	○ C.M.P. Corrugated Metal Pipe
○ Fnd. Found	○ S Sanitary Sewer Main (proposed)	○ Q.P.T. A Percolation Test Location
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--- Property Line	○ Barbed Wire Fence	○ Stone Retaining Wall
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--- Building Setback Line	○ UTILITY Pole	○ Wetland Limit
--- Easement Line	○ Existing Manhole	○ Wetland Flag Number
--- Centerline	○ Proposed Manhole	○ Wetland Setback
--- Ledge or Boulders	○ Existing Catch Basin/Pipe	○ Benchmark
--- Earth or gravel fill	○ Proposed Storm Pipe	○ Silt Fence
--- Existing Spot Elevation	○ Proposed Catch Basin	○ Wall (existing)
x123.4 Proposed Spot Elevation	○ Building (existing)	○ Well (proposed)
INV. Invert Elevation of Pipe		○ Anti-Mud Tracking Pad

**LEGEND**

○ SILT FENCE
--- LIMIT OF DISTURBANCE
○ INLET PROTECTION



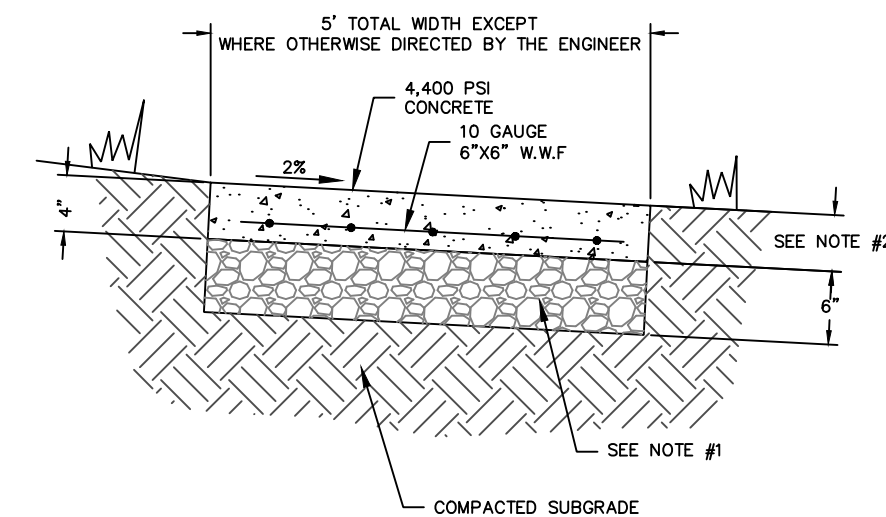
**SEDIMENTATION & SOIL EROSION SPECIFICATIONS**

- THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.
- ALL CONSTRUCTION ACTIVITIES SHALL PROCEED SO THAT POLLUTION OF ANY WETLANDS, WATERCOURSES, WATERBODIES, AND OR WETLAND CARRYING WATER, ETC DOES NOT OCCUR. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY EROSION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE EROSION ON THE SITE.
- CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002) BY THE STATE OF CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.

**IMPLEMENTATION NOTES**

- THE EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE. ALL CONTROL MEASURES ARE TO BE MAINTAINED IN AN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. ADDITIONAL MEASURES ARE TO BE INSTALLED IF NECESSARY OR REQUIRED DURING CONSTRUCTION PERIOD.
- LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. RESTABILIZATION TO BE SCHEDULED AS SOON AS PRACTICAL.
- POST AND FABRIC SILTATION BARRIERS SHALL BE INSTALLED AT THE TOE OF ALL CRITICAL CUT AND FILL SLOPES. SILT FENCES AND BARRIERS MUST BE CLEANED OR REPLACED WHEN SOIL HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
- ALL STORM DRAINAGE OUTLETS MUST BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- SEDIMENT TRAPS, IF APPLICABLE, MUST BE CLEANED WHEN CAPACITY HAS BEEN REDUCED BY AN AVERAGE OF 2" OVER ITS TOTAL AREA OR TO 80% OF ITS DESIGN VOLUMES, WHICHEVER OCCURS FIRST.
- SEDIMENT REMOVED FROM THE CONTROL STRUCTURES SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH THE INTENT OF THE PLAN AND IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- FILL MATERIAL SHALL BE FREE FROM DEBRIS PERISHABLE OR COMBUSTIBLE MATERIAL AND FROZEN OR WET EARTH OR STONES LARGER THAN 6 INCHES IN MAXIMUM DIMENSION. FILL SHALL BE PLACED IN MAXIMUM 12 INCH LOOSE LIFTS AND COMPACTED TO WITHIN 90% OF THE MODIFIED PROCTOR TEST RESULT.
- PAVEMENT BASE COURSE MUST BE PLACED IN ALL PROPOSED PAVEMENT AREAS UPON COMPLETION OF FINE GRADING.
- PERMANENT LANDSCAPED AREAS SHALL BE SEED OR SOODED ON ALL EXPOSED AREAS IMMEDIATELY AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZER PRIOR TO PERMANENT SEEDING.
  - TOPSOIL PREPARATION:
    - TOPSOIL SHOULD BE A MINIMUM OF FOUR INCHES DEEP (COMPACTED) BEFORE SEEDING.
    - HAVE TOPSOIL TESTED FOR PH, ADD LIME AS NECESSARY TO ACHIEVE PH OF 6.5. APPLY FERTILIZER AT A RATE OF 300 POUNDS PER ACRE OR SEVEN POUNDS PER 4,000 SQUARE FEET USING 10-20-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP DRESSING.
    - WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF FOUR INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE ALL CLAY OR SILTY SOIL AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEED BED WHEREVER FEASIBLE.
    - REMOVE FROM THE SURFACE ALL STONES ONE INCH OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMP, OR OTHER UNSUITABLE MATERIAL.
    - INSPECT SEED BED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACT, THE AREA MUST BE RE-TILLED AND COMPACTED AS ABOVE.
  - SEED MIXTURE (APPLY AT A RATE OF 200 POUNDS/ACRE):
    - 10% KENTUCKY BLUEGRASS - BARON MIX
    - 20% PERENNIAL RYEGRASS
    - 70% TURF TYPE TALL FESCUE
- THE CONTRACTOR/OWNER IS RESPONSIBLE FOR ALL PAVED ROADWAYS ON AND OFF SITE AND MUST ENSURE THE SITE IS FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR ANOTHER APPROVED METHOD.
- ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEANED IMMEDIATELY AFTER EACH STORM.
- WHERE DEWATERING IS NECESSARY, THERE SHALL NOT BE A DISCHARGE DIRECTLY INTO WETLANDS OR WATERCOURSES. PROPER METHODS AND DEVICES SHALL BE UTILIZED TO THE EXTENT PERMITTED BY LAW, SUCH AS PUMPING WATER INTO A TEMPORARY SEDIMENTATION STRUCTURE OR BOWL, PROVIDING SURGE PROTECTION AT THE INLET AND THE OUTLET OF PUMPS, OR FLOATING THE INTAKE OF THE PUMP, OR OTHER METHODS TO MINIMIZE AND RETAIN THE SUSPENDED SOLIDS. IF PUMPING OPERATION CAUSES TURBIDITY PROBLEMS, THE OPERATION SHALL CEASE UNTIL FEASIBLE MEANS OF CONTROLLING TURBIDITY ARE DETERMINED AND IMPLEMENTED.
- THE RESPONSIBILITY FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN, INFORMING ALL CONCERNED OF THE REQUIREMENT OF THE PLAN, NOTIFYING THE PLANNING AND ZONING COMMISSION, ITS DESIGNATED REPRESENTATIVE OF ANY TRANSFER OF RESPONSIBILITY AND SEEING THAT A COPY OF THE PLAN IS RECEIVED BY ANY SUCCESSOR IN INTEREST TO THE TITLE OF THE LAND OR ANY PORTION THEREOF IS ASSIGNED TO THE OWNER OF RECORD.
- ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION, WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.

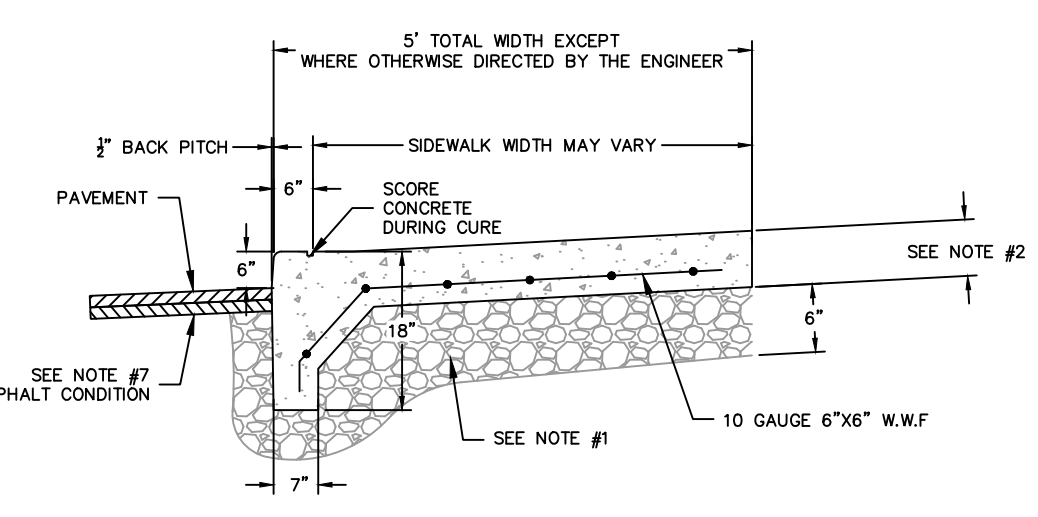
**CONCRETE SIDEWALK**



**NOTES**

- GRANULAR FILL OR RECLAIMED MISCELLANEOUS AGGREGATE BASE SHALL BE PLACED IN LAYERS NOT TO EXCEED 6 INCHES DEEP AND TO SUCH A DEPTH THAT AFTER COMPACTION IT SHALL BE AT THE SPECIFIED DEPTH BELOW THE FINISHED GRADE OF THE WALK. THE BASE SHALL BE METTED AND ROLLED OR TAMPED AFTER SPREADING OF EACH LAYER.
- CONCRETE SIDEWALK THICKNESS SHALL BE AT LEAST 5" THICK. AREAS OF DRIVEWAY APRONS SHALL BE AT LEAST 8" THICK.
- SIDEWALK AND CURBING SHALL BE REINFORCED WITH 10 GAUGE 6"x6"x6 W.W.F. 2' OFF THE SUBBASE. A #4 REBAR SHALL BE PROVIDED IN THE TOP-OUTER CORNER OF THE CURB. CONCRETE SHALL BE CLASS "C" HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4400 P.S.I. AND 5" ENTRAINED AIR.
- EXPANSION AND CONTRACTION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS OR AS OTHERWISE DIRECTED BY THE ENGINEER. AT A MINIMUM A CONTRACTION JOINT SHALL BE PLACED AT 20' INTERVALS.
- THE TOTAL WIDTH OF CONCRETE CURBING AND SIDEWALK SHALL NOT BE LESS THAN 5'0" AT A 1" PER FOOT CROSS PITCH, EXCEPT WHERE OTHERWISE DIRECTED BY THE TOWN ENGINEER.
- CURBING EXTENDING ACROSS DRIVEWAYS SHALL PROVIDE A 2" REVEAL AT THE GUTTER LINE. THE SIDEWALK PANELS SHALL BE RAMPED AT DRIVEWAY CROSSINGS IN ACCORDANCE TO A.D.A. SPECIFICATIONS FOR HANDICAP ACCESS. AT NO POINT SHALL THE PITCH OF THE FINISHED CONCRETE EXCEED 1:12.
- WHERE ADJOINING BITUMINOUS CONCRETE DRIVEWAY OR ROADWAY PAVEMENT IS DAMAGED OR REMOVED, THE LIMITS OF DISTURBANCE SHALL BE DELINEATED WITH A CLEAN VERTICAL CUT 24" FROM GUTTER LINE OF ROAD AND THE PAVEMENT RESTORED WITH BITUMINOUS CONCRETE AS SPECIFIED IN THE PROJECT PLANS OR SPECIFICATIONS. RESTORATION SHALL BE TO THE FULL PRIOR PAVEMENT DEPTH, BUT SHALL NOT BE LESS THAN 2" (1 1/2") FOR ROADWAYS AND 2" FOR DRIVEWAYS.
- IN ORDER TO ACCOMMODATE THE INSTALLATION OF EXISTING OR PROPOSED SIGNAGE, A 4" DIAMETER PVC POST SLEEVE SHALL BE PLACED WITHIN THE SIDEWALK. THE TOP OF THE SLEEVE SHALL BE SET FLUSH WITH THE SURFACE OF THE SIDEWALK AND SHALL EXTEND VERTICALLY THROUGH THE FULL DEPTH OF THE CONCRETE. SLEEVES SHALL BE INSTALLED 14" BACK FROM THE FACE OF THE CURBING OR AT THE LOCATION(S) SPECIFIED BY THE ENGINEER.
- UNLESS SPECIFIED HEREIN OR OTHERWISE DIRECTED BY THE ENGINEER, ALL MATERIALS AND WORK SHALL CONFORM TO THE STATE OF CONNECTICUT, BUREAU OF HIGHWAYS, "STANDARDS SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 819, LATEST REVISION," AND ASSOCIATED STANDARD DESIGN DETAILS SHEETS.

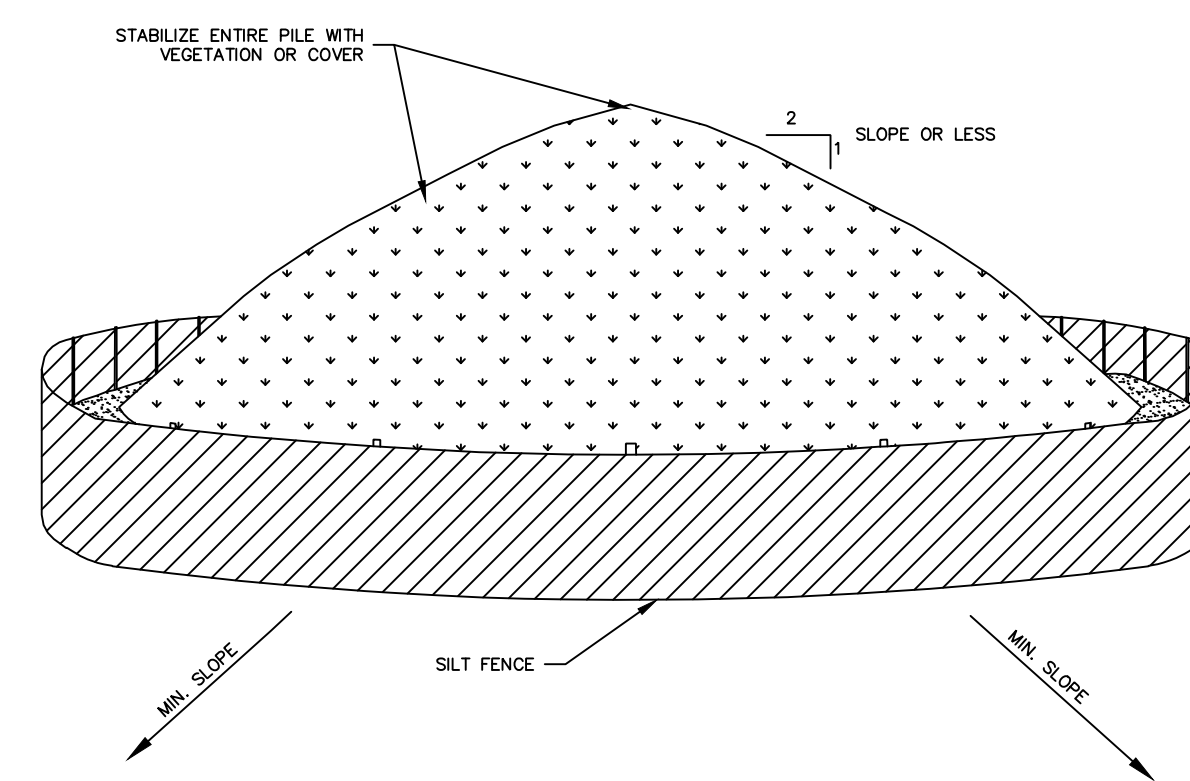
**CONCRETE MONOLITHIC CURB & SIDEWALK**



**NOTES**

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- EXPANSION AND CONTRACTION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS OR AS OTHERWISE DIRECTED BY THE ENGINEER. AT A MINIMUM A CONTRACTION JOINT SHALL BE PLACED AT 20' INTERVALS.
- THE TOTAL WIDTH OF CONCRETE CURBING AND SIDEWALK SHALL NOT BE LESS THAN 5'0" AT A 1" PER FOOT CROSS PITCH, EXCEPT WHERE OTHERWISE DIRECTED BY THE TOWN ENGINEER.
- CURBING EXTENDING ACROSS DRIVEWAYS SHALL PROVIDE A 2" REVEAL AT THE GUTTER LINE. THE SIDEWALK PANELS SHALL BE RAMPED AT DRIVEWAY CROSSINGS IN ACCORDANCE TO A.D.A. SPECIFICATIONS FOR HANDICAP ACCESS. AT NO POINT SHALL THE PITCH OF THE FINISHED CONCRETE EXCEED 1:12.
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- IN ORDER TO ACCOMMODATE THE INSTALLATION OF EXISTING OR PROPOSED SIGNAGE, A 4" DIAMETER PVC POST SLEEVE SHALL BE PLACED WITHIN THE SIDEWALK. THE TOP OF THE SLEEVE SHALL BE SET FLUSH WITH THE SURFACE OF THE SIDEWALK AND SHALL EXTEND VERTICALLY THROUGH THE FULL DEPTH OF THE CONCRETE. SLEEVES SHALL BE INSTALLED 14" BACK FROM THE FACE OF THE CURBING OR AT THE LOCATION(S) SPECIFIED BY THE ENGINEER.
- UNLESS SPECIFIED HEREIN OR OTHERWISE DIRECTED BY THE ENGINEER, ALL MATERIALS AND WORK SHALL CONFORM TO THE STATE OF CONNECTICUT, BUREAU OF HIGHWAYS, "STANDARDS SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 819, LATEST REVISION," AND ASSOCIATED STANDARD DESIGN DETAILS SHEETS.

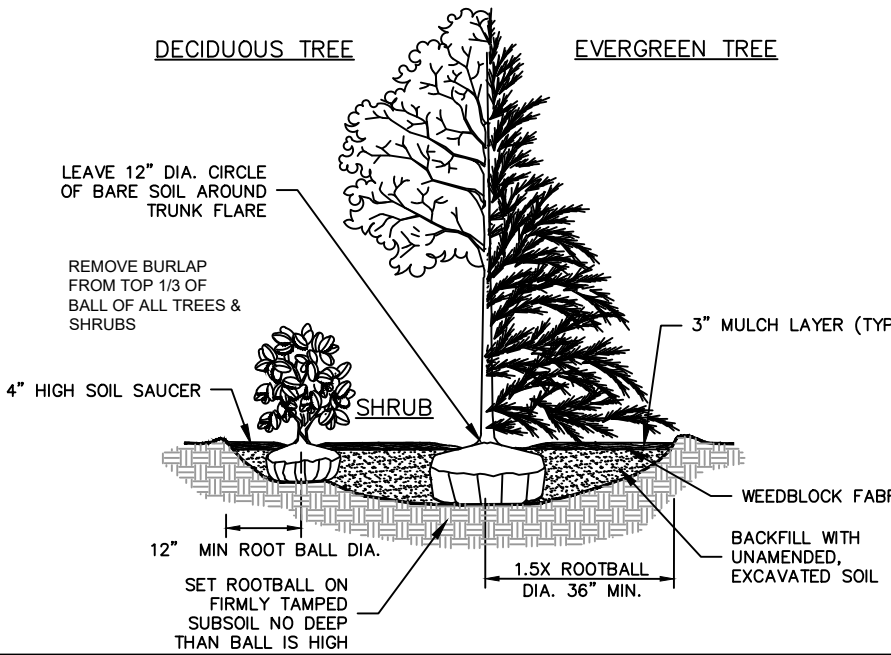
**TEMPORARY SOIL STOCKPILE DETAIL**



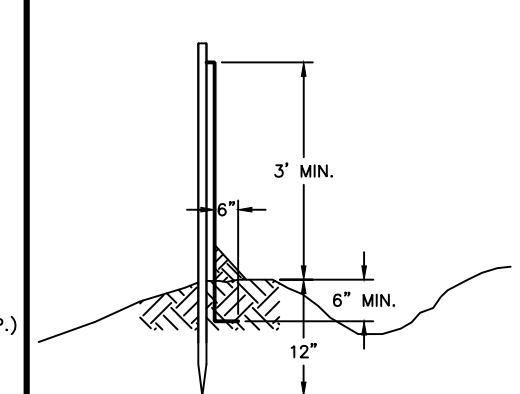
**NOTES**

- AREA CHOSEN FOR STOCKPILE OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
- SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.

**PLANTING BED DETAIL**



**SILT FENCE**



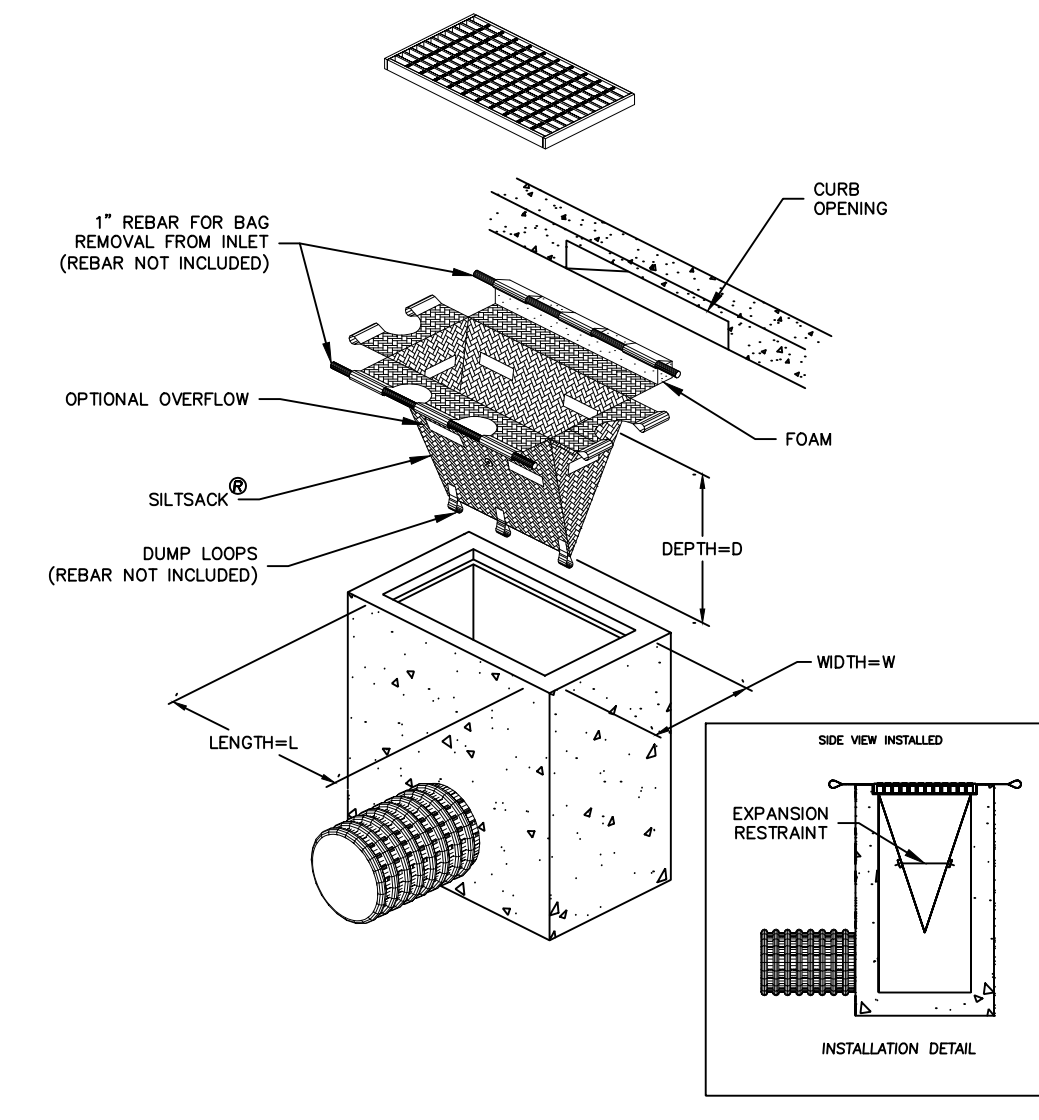
**INSTALLATION NOTES**

- EXCAVATE AND SECURE BOTTOM 8" OF SILT FENCE BELOW GRADE AS SHOWN.
- EXCEPT FOR THE END POST, DRIVE ALL POSTS INTO THE GROUND AT BACK SIDE OF TRENCH SPACED A MAXIMUM OF 10 FT O. C.

**GENERAL NOTES**

- EXISTING INFORMATION OBTAINED FROM A FIELD SURVEY PERFORMED IN APRIL & MAY 2024. CONTOURS AND ELEVATIONS SHOWN HEREON REFER TO NAVD 88 DATUM.
- A PORTION OF THE PARCEL LIES WITHIN FLOOD ZONE AE AS SHOWN ON FEMA FIRM MAP 090030203F, EFFECTIVE DATE SEPTEMBER 25, 2008.
- LOCATION OF ALL UNDERGROUND UTILITIES DEPICTED HEREON ARE APPROXIMATE AND ARE BASED ON FIELD LOCATION OF VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER GATES, ETC., AND COMPILING INFORMATION FROM PLANS SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES AND GOVERNMENT AGENCIES. ALL CONTRACTORS ARE REQUIRED BY STATE REGULATIONS TO CONTACT CALL-BEFORE-YOU-DIG AT 1-800-922-4453 FOR LOCATION AND STAKEOUT OF UTILITIES PRIOR TO ANY EXCAVATION.
- IF THERE ARE ANY VARIATIONS ON THIS MAP WITH WHAT IS FOUND OR DESIRED IN THE FIELD, THE CONTRACTOR SHALL CONTACT AND NOTIFY THE SITE ENGINEER IMMEDIATELY PRIOR TO COMMENCING THE RELATED WORK TO DETERMINE THE CORRECT COURSE OF ACTION.
- B&B ENGINEERING, LLC MAKES NO GUARANTEE WITH THIS PLAN UNLESS B&B INSPECTS ALL ASPECTS OF CONSTRUCTION.
- ALL PROPOSED SIDEWALKS AND RAMPS SHALL CONFORM TO ADA STANDARDS.

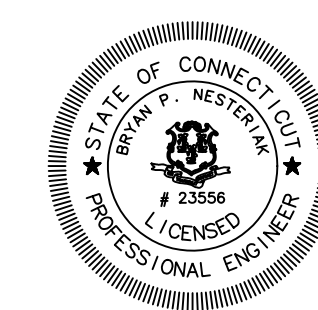
**INLET PROTECTION WITH SILTSACK**



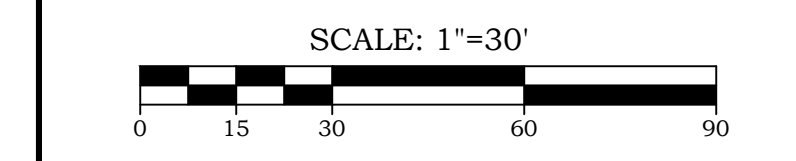
**DRAWING LIST**

DRAWING #	DRAWING NAME
03-01	COVER SHEET
03-01 - 03-02	EXISTING CONDITIONS PLANS
11-01 - 11-02	SITE LAYOUT PLANS
12-01 - 12-02	GRADING PLANS
18-01 - 18-02	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01 - 19-12	CONSTRUCTION NOTES & DETAILS

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No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS



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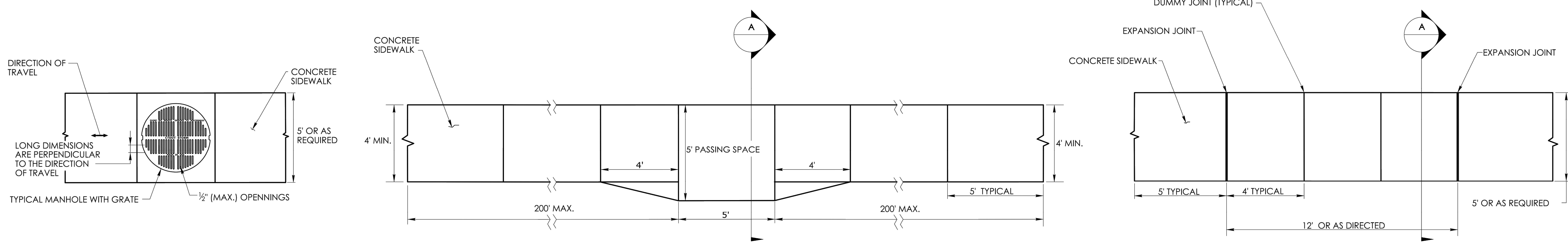
**CONSTRUCTION NOTES AND DETAILS I**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.	Date 5/29/2024
	Scale 1"=30'
	Job No. 1419
	Drawing No. 19-01

TOWN CAMPUS SIDEWALK CONNECTION, EAST GRANBY, CONNECTICUT



**GENERAL NOTES:**  
 1. SEE CONCRETE SIDEWALK RAMPS GUIDE SHEETS FOR PEDESTRIAN RAMP TYPES.  
 2. ALL CURBING SHALL BE INSTALLED AS EITHER PRECAST OR CAST IN PLACE AS DIRECTED.



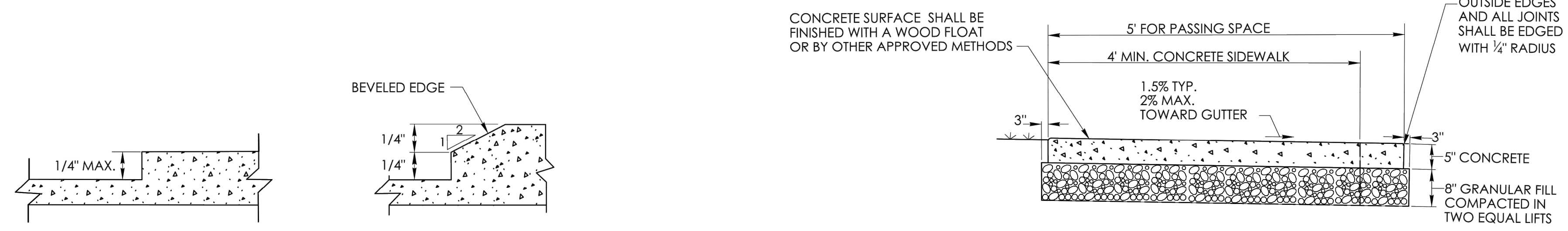
**PEDESTRIAN ACCESS ROUTE OVER A MANHOLE WITH GRATE**

- HORIZONTAL OPENINGS IN GRATES AND JOINTS MUST NOT BE MORE THAN 1/2" INCH
- ELONGATED OPENINGS IN GRATES MUST BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DIRECTION OF TRAVEL

**5' PASSING SPACE FOR 4' WIDE SIDEWALK PLAN**

PASSING SPACES SHALL BE PROVIDED AT INTERVALS OF 200' MAXIMUM FOR SIDEWALKS LESS THAN 5' IN WIDTH

**5' WIDE SIDEWALK PLAN**

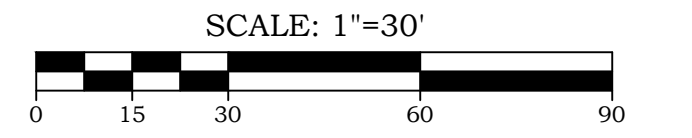


**VERTICAL SURFACE DISCONTINUITIES**

VERTICAL SURFACE DISCONTINUITIES MUST BE BEVELED TO A HEIGHT NOT GREATER THAN 1/4" INCH. THE BEVEL MUST BE THE ENTIRE WIDTH OF THE DISCONTINUITY

**5' PASSING SPACE FOR 4' WIDE SIDEWALK SECTION A**

No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS



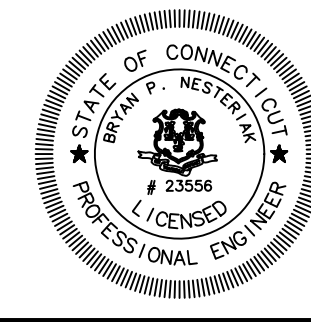
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**CONSTRUCTION NOTES AND DETAILS II**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

**DRAWING LIST**

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02-01	EXISTING CONDITIONS PLANS
03-01	SITE LAYOUT PLANS
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18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.  
 Date 5/29/2024  
 Scale 1"=30'  
 Job No. 1419  
 Drawing No. 19-02  
 BRYAN P. NESTERIAK, CT. P.E., L.S. 23556



NOT TO SCALE

SIGNATURE BLOCK:  
 OFFICE OF ENGINEERING  
 2800 BERLIN TURNPIKE  
 NEWINGTON, CT 06111

SUBMITTED BY:  
 Digitally signed by  
 Leo Fontaine, P.E.  
 Date: 2022.05.27  
 16:18:58-04'00'

APPROVED BY:  
 Digitally signed by  
 Michael J. Calabrese,  
 Michael  
 Date: 2022.11.08  
 09:42:54-05'00'

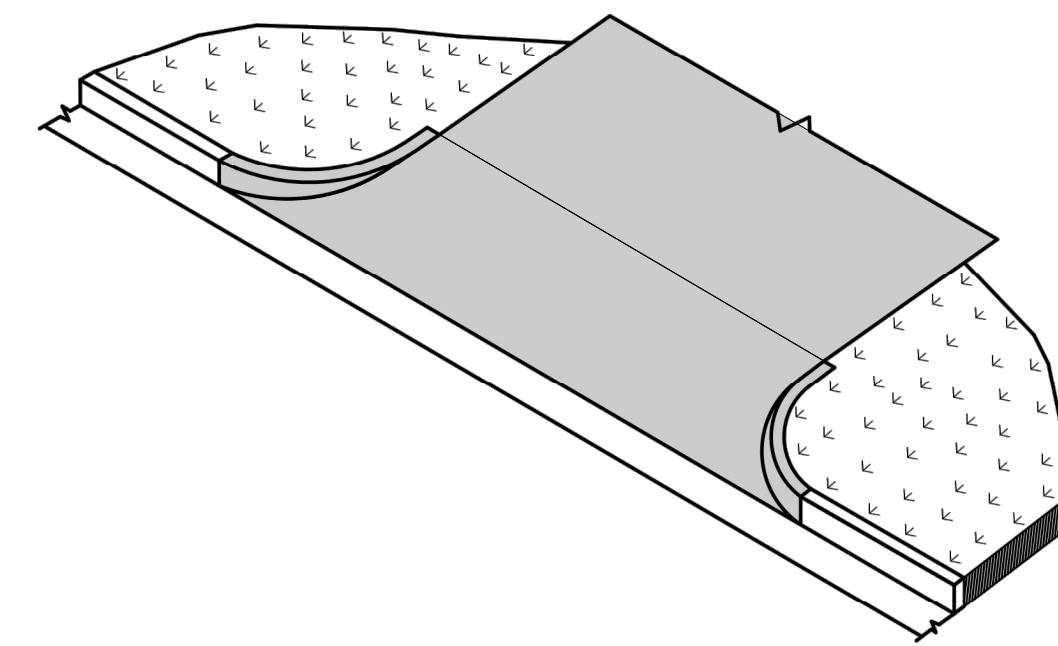


CTDOT  
 STANDARD SHEET

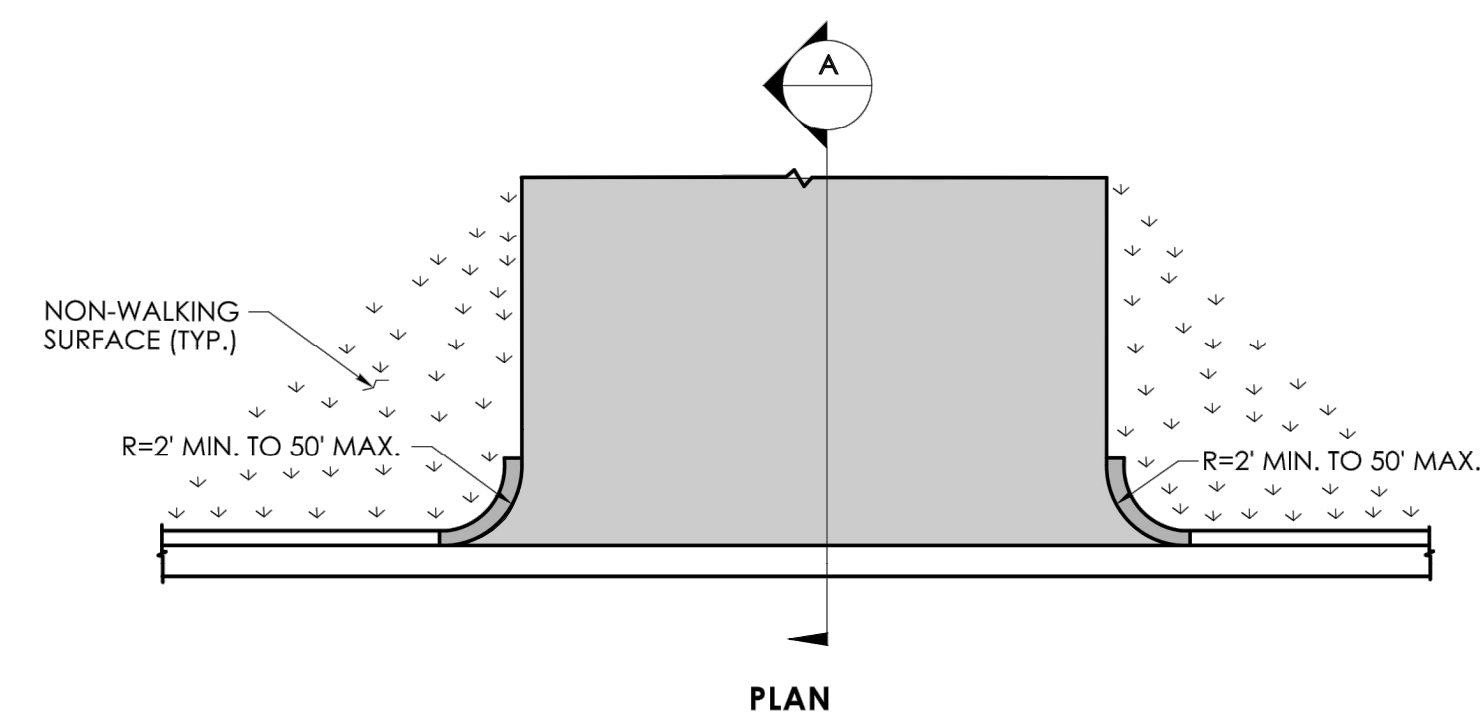
STANDARD SHEET TITLE:  
**CONCRETE SIDEWALKS**

STANDARD SHEET NO.:  
**HW-921-01**

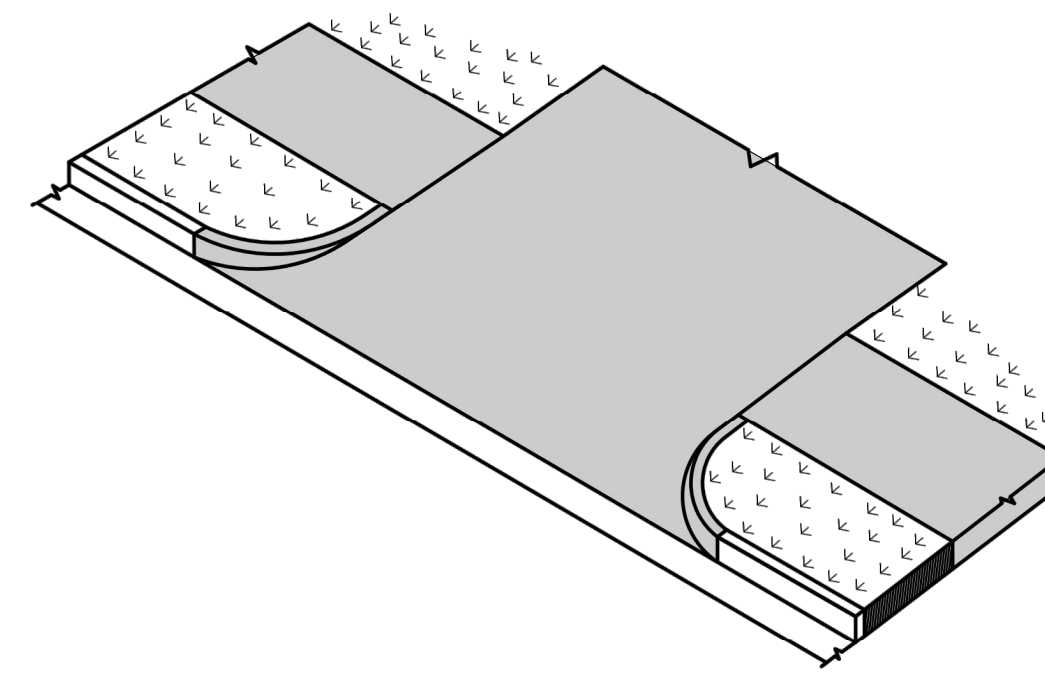




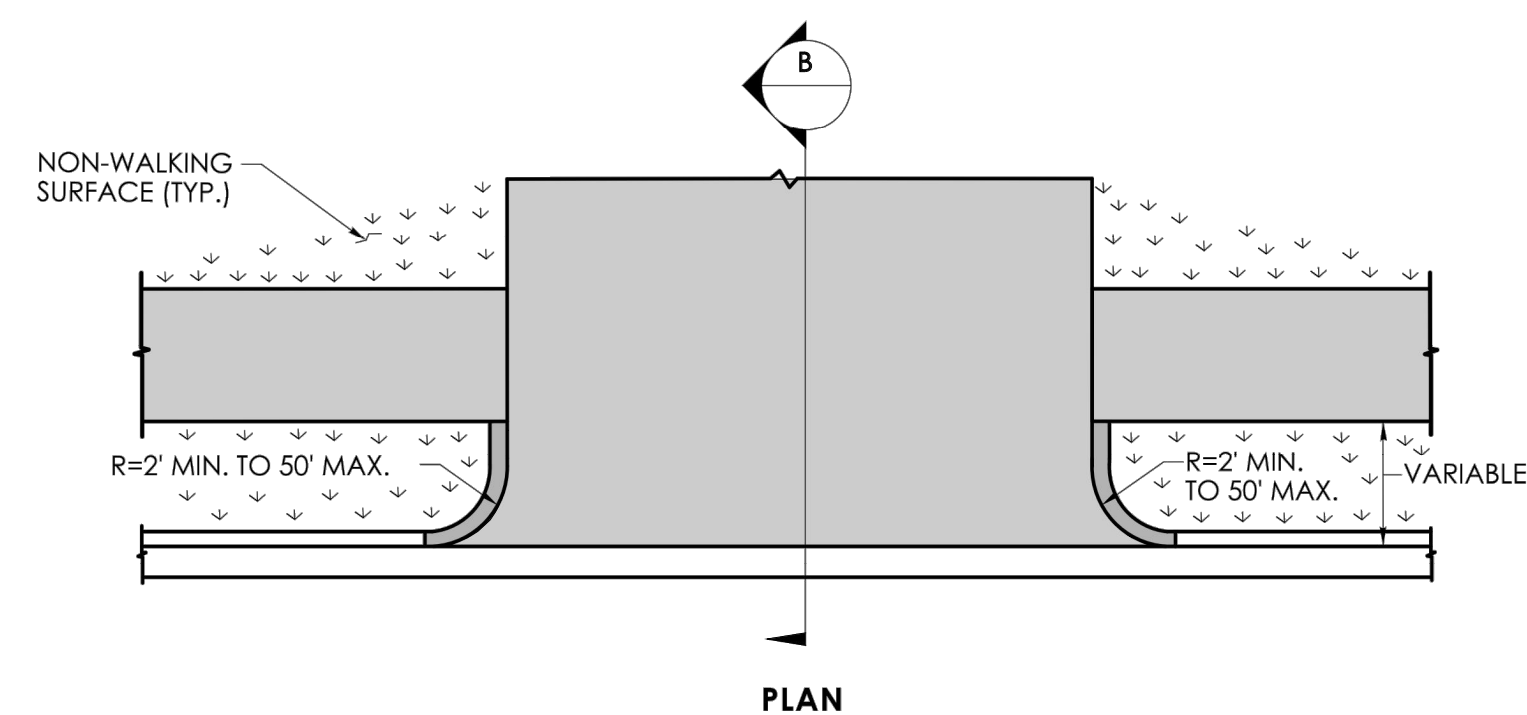
BITUMINOUS CONCRETE DRIVEWAY



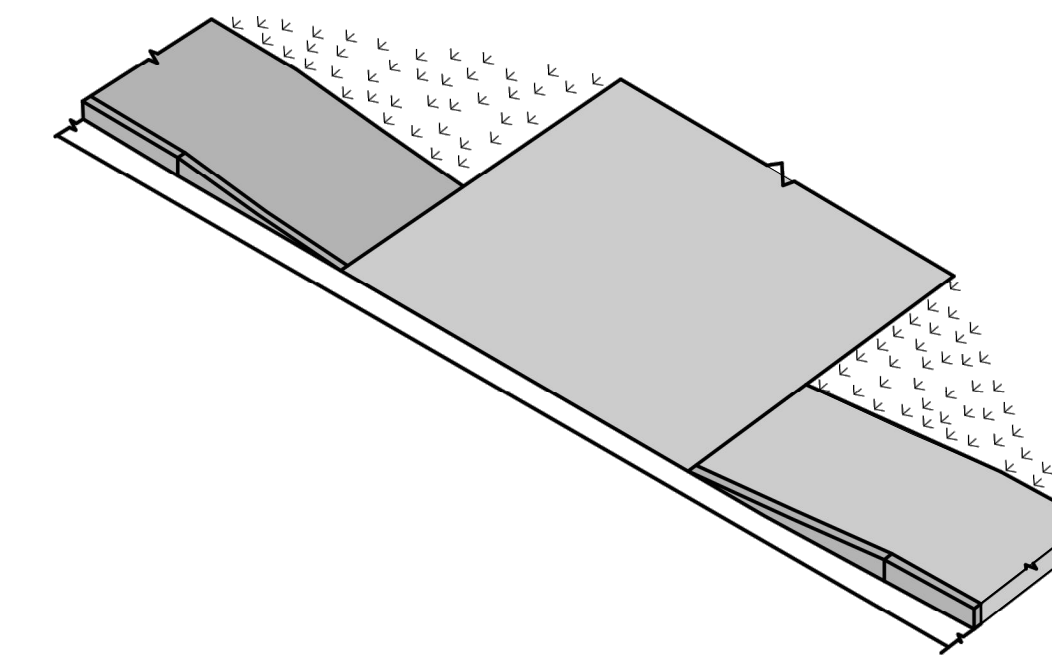
PLAN



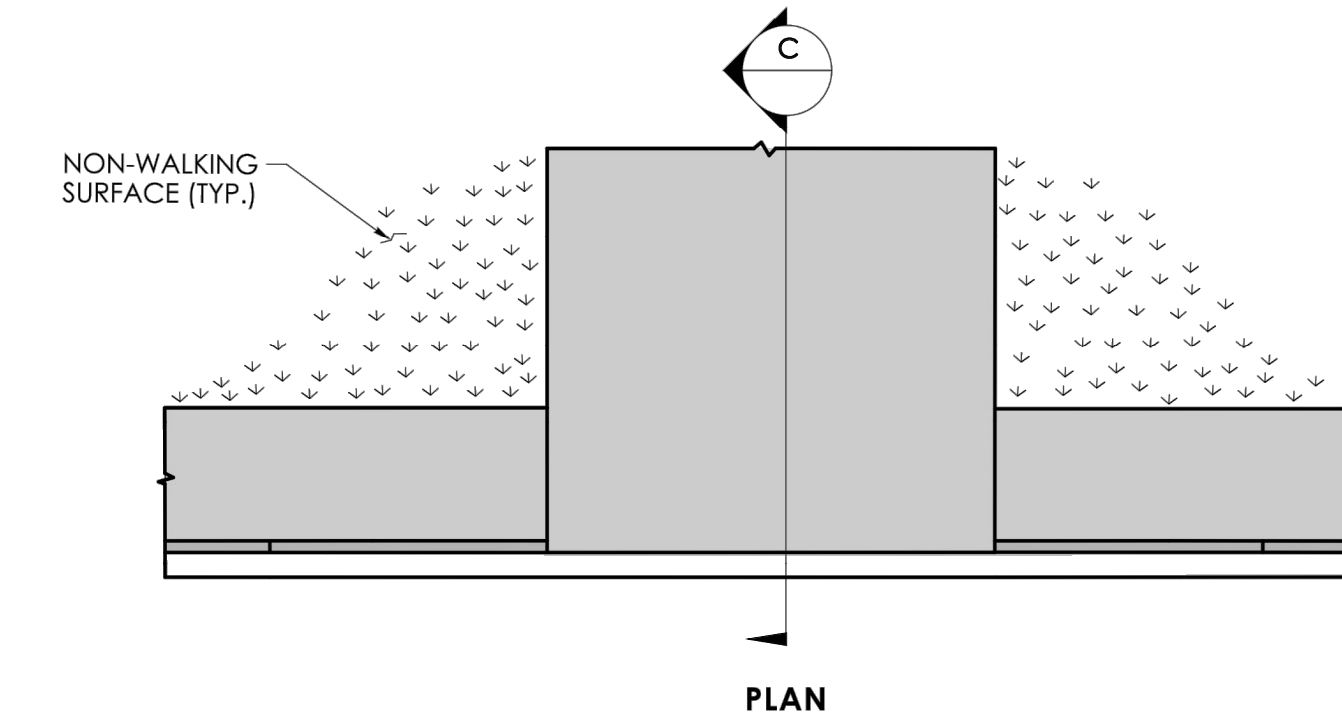
BITUMINOUS CONCRETE DRIVEWAY WITH A PEDESTRIAN SIDEWALK SETBACK



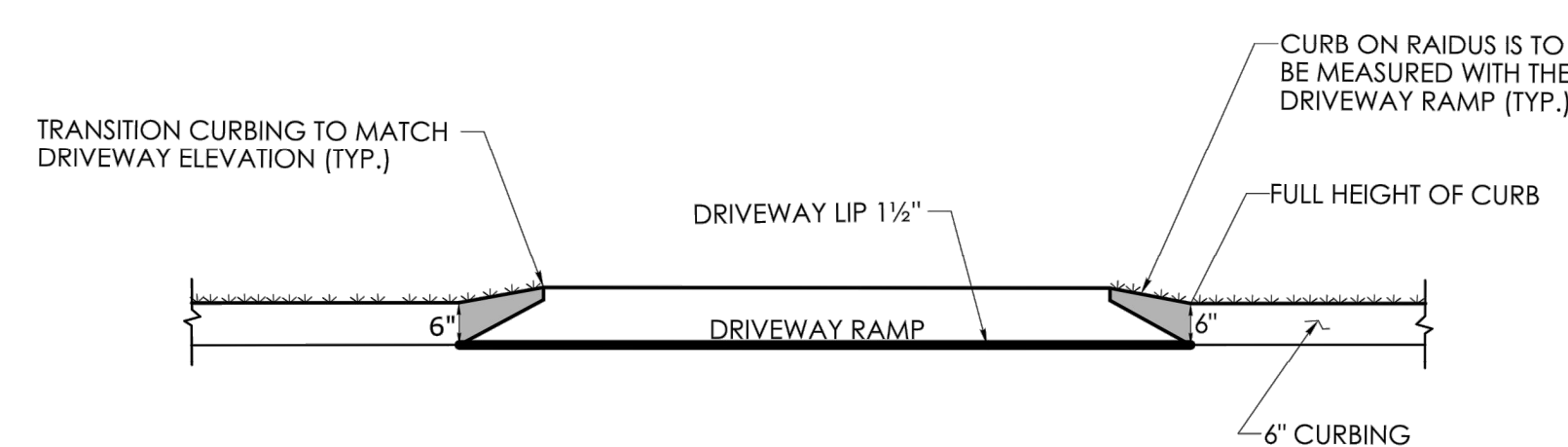
PLAN



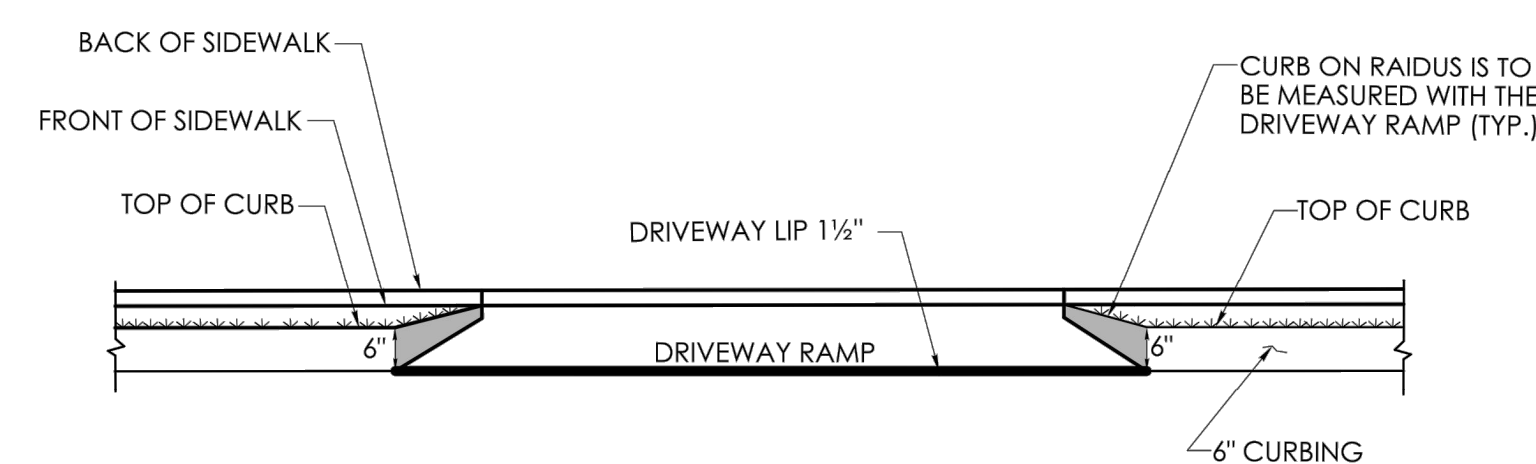
BITUMINOUS CONCRETE DRIVEWAY WITH PEDESTRIAN SIDEWALK AT THE CURB



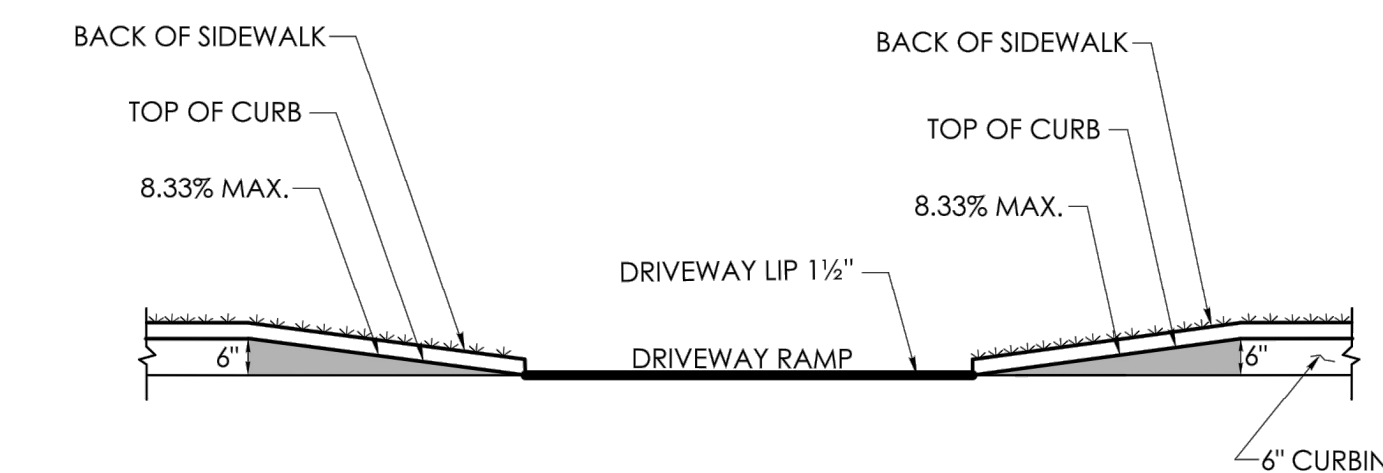
PLAN



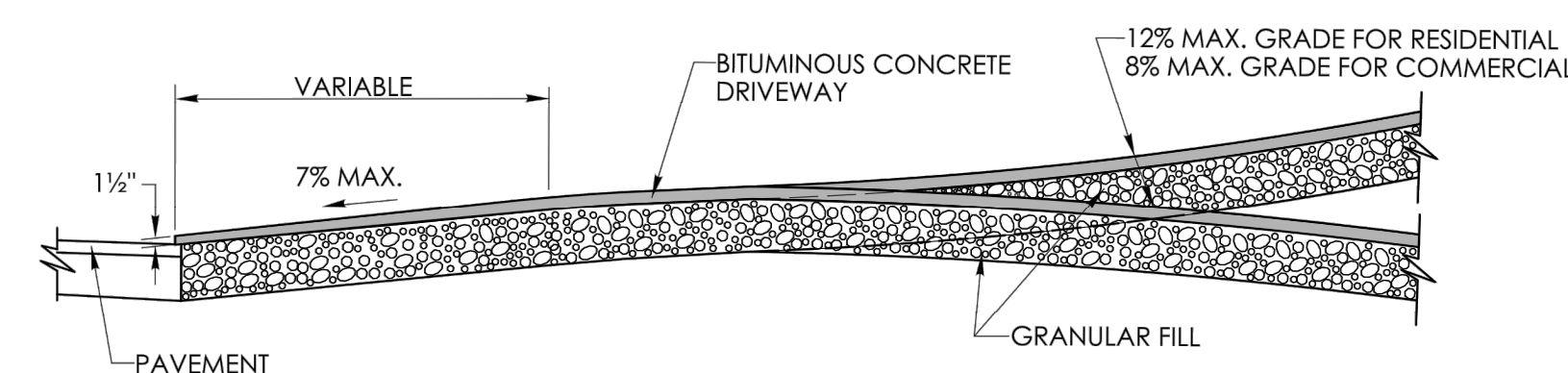
ELEVATION



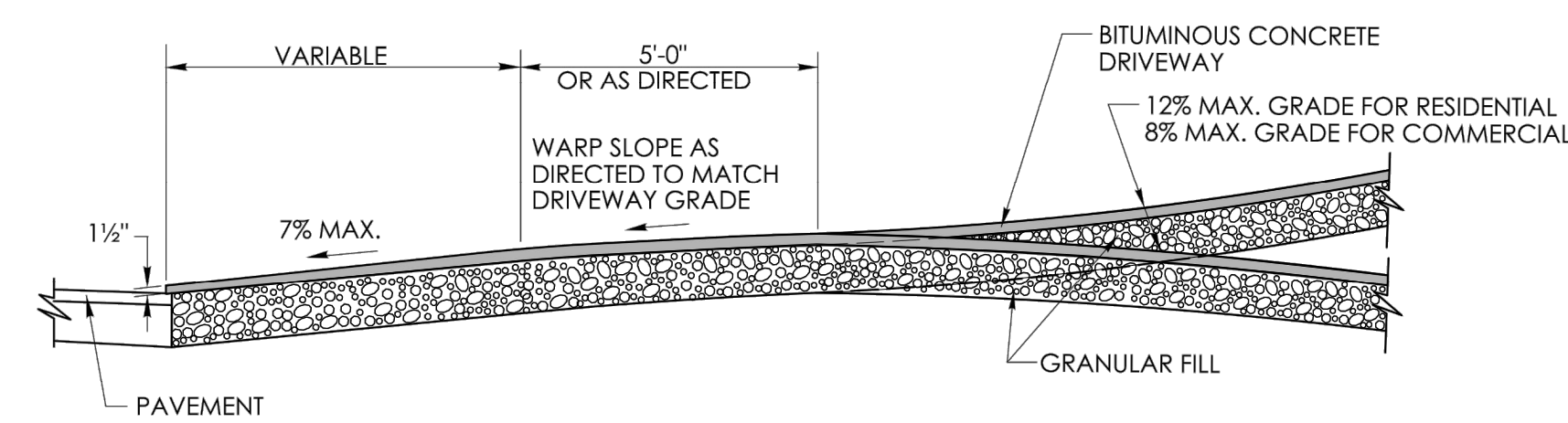
ELEVATION



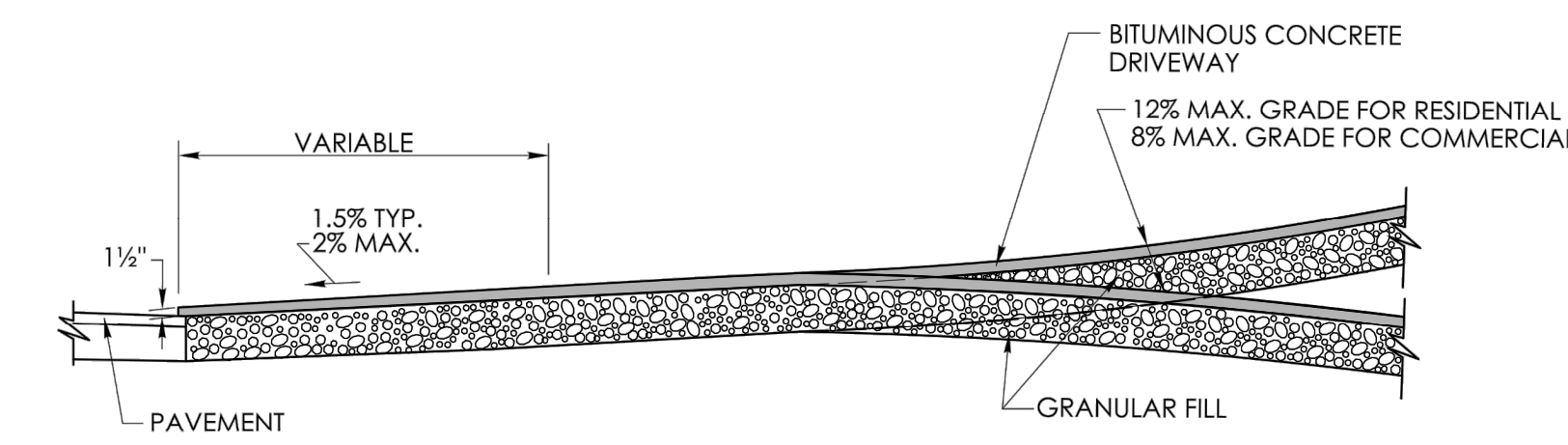
ELEVATION



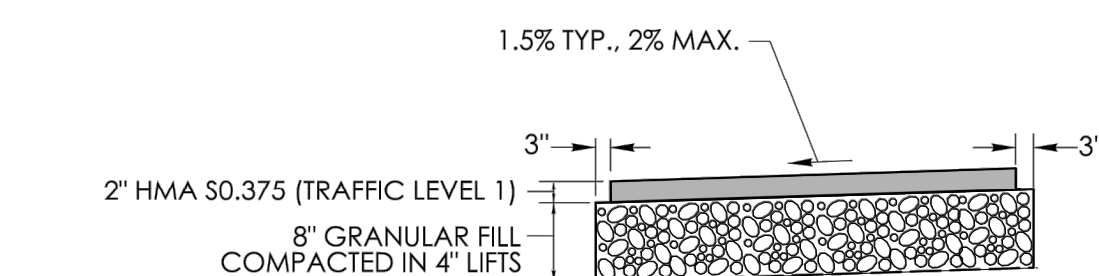
SECTION A



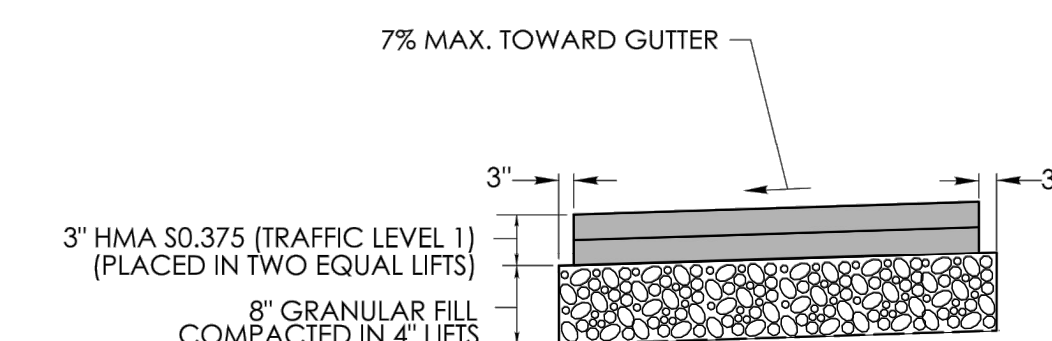
SECTION B



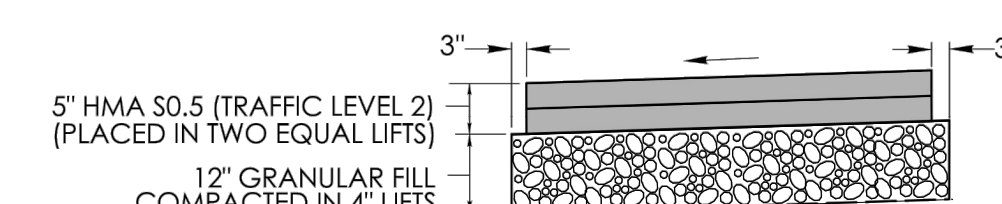
SECTION C



BITUMINOUS CONCRETE SIDEWALK

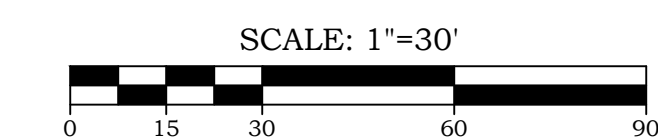


BITUMINOUS CONCRETE DRIVEWAY



COMMERCIAL BITUMINOUS CONCRETE DRIVEWAY

No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS



**E3 ENGINEERING**  
 15 Research Drive, Suite 3  
 Woodbridge, CT 06525  
 P: (203) 881-8145  
 www.e3engs.com  
 Land Surveying, Professional Engineering & Land Use Consultants

**CONSTRUCTION NOTES AND DETAILS III**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

NOT TO SCALE

SIGNATURE BLOCK:  
 OFFICE OF ENGINEERING  
 2800 BERLIN TURNPIKE  
 NEWINGTON, CT 06111

SUBMITTED BY:  
 Digitally signed by  
 Leo Fontana, P.E.  
 Date: 2022.09.27  
 15:16:43-04'00'

APPROVED BY:  
 Digitally signed by  
 Michael J. Calabrese,  
 Michael  
 Date: 2022.11.08  
 09:41:50-05'00'

STATE OF CONNECTICUT  
 DEPARTMENT OF  
 TRANSPORTATION

CTDOT  
 STANDARD SHEET

STANDARD SHEET TITLE:  
**BITUMINOUS CONCRETE SIDEWALK AND BITUMINOUS CONCRETE DRIVEWAY**

STANDARD SHEET NO.:  
**HW-922\_01**

DATE: 0/23/2022

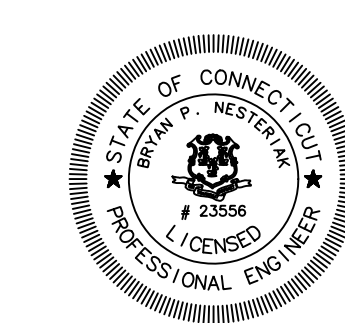
**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
02-01	EXISTING CONDITIONS PLANS
03-01	11-02 SITE LAYOUT PLANS
12-01	12-02 GRADING PLANS
18-01	18-02 SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	19-12 CONSTRUCTION NOTES & DETAILS

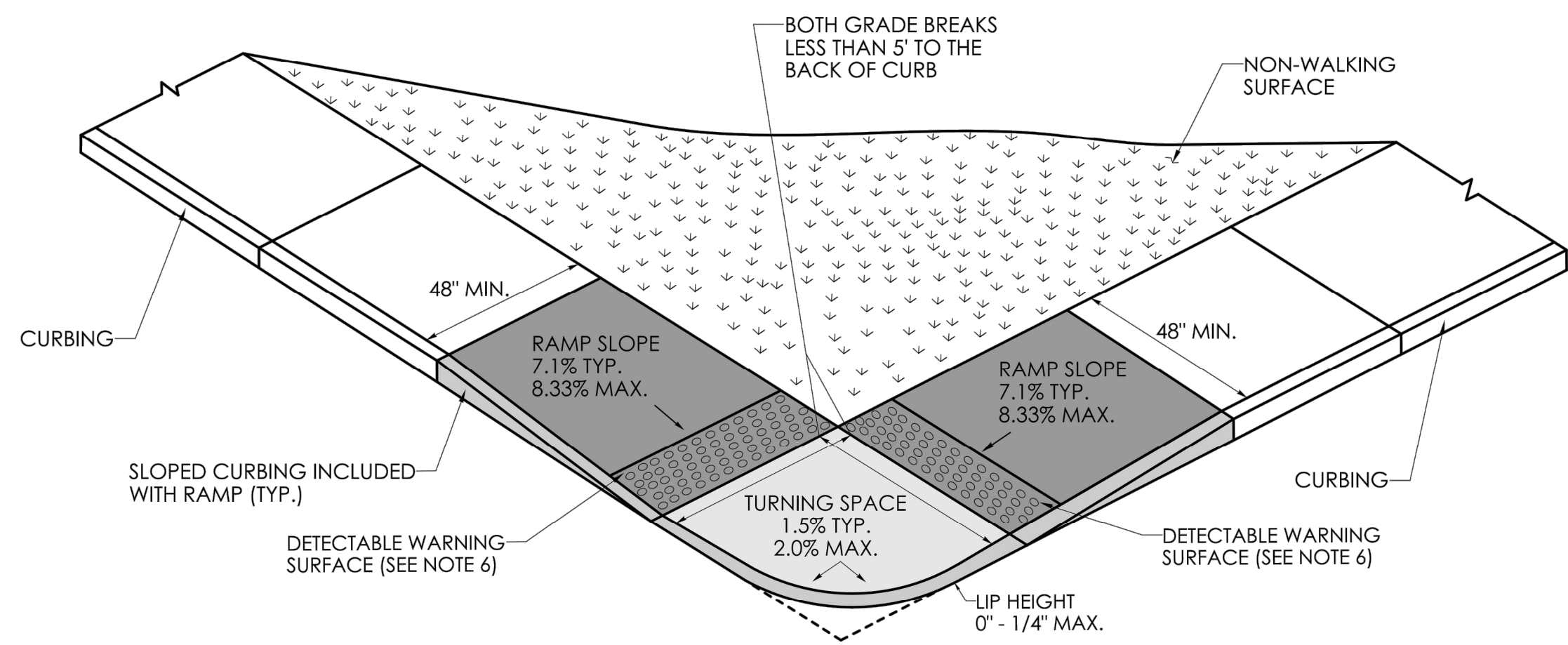
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Date: 5/29/2024  
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 Job No.: 1419  
 Drawing No.: 19-03

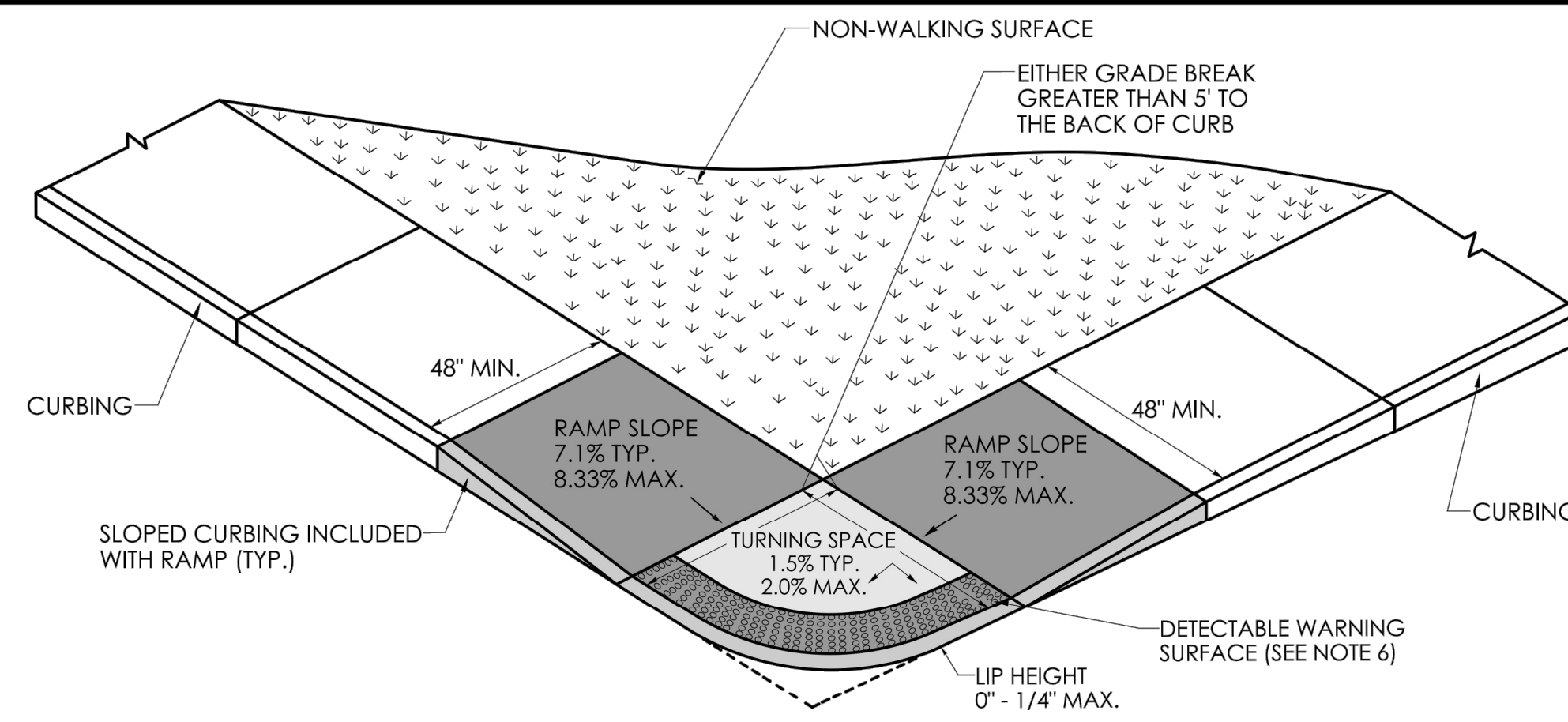
BRYAN P. NESTERIAK, CT. P.E., L.S. 23556



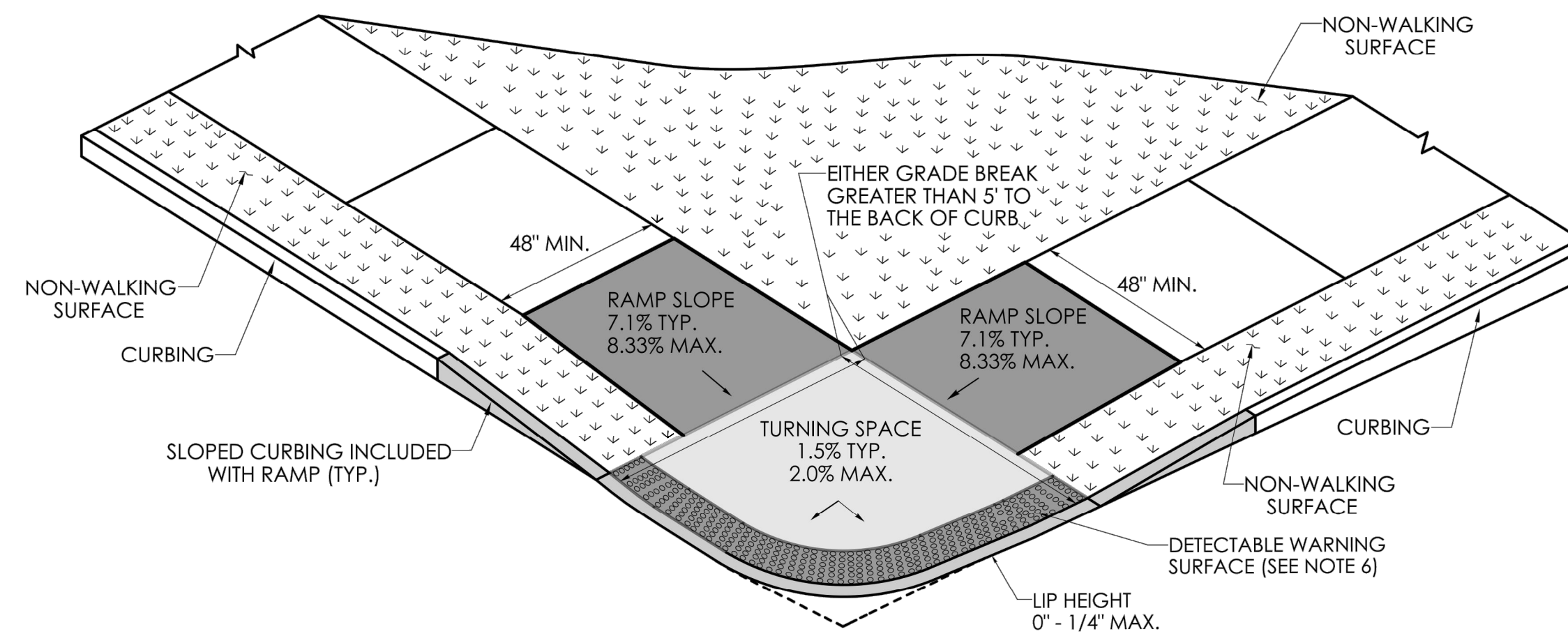




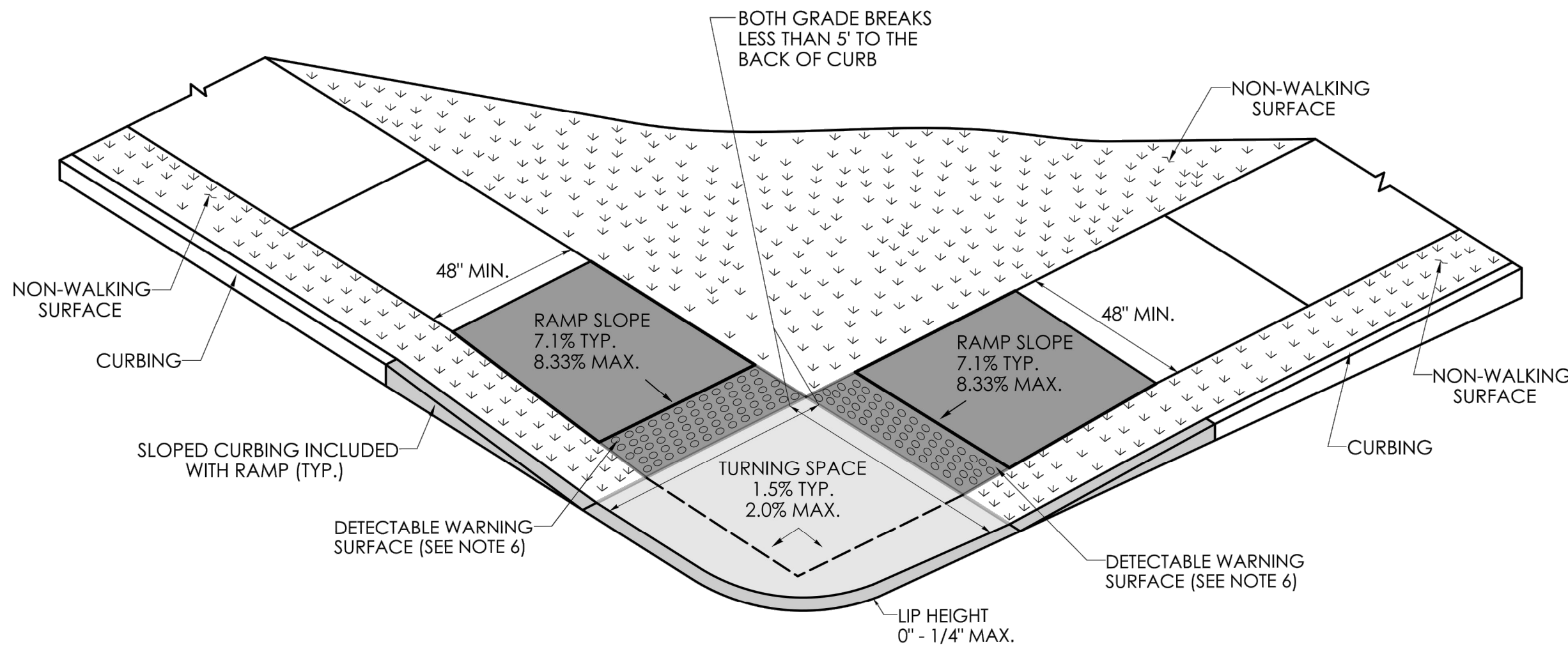
**TWO DIRECTIONAL PERPENDICULAR RAMP WITH A GRADE BREAK TO BACK OF CURB OF 5' OR LESS (TYPE 1)**



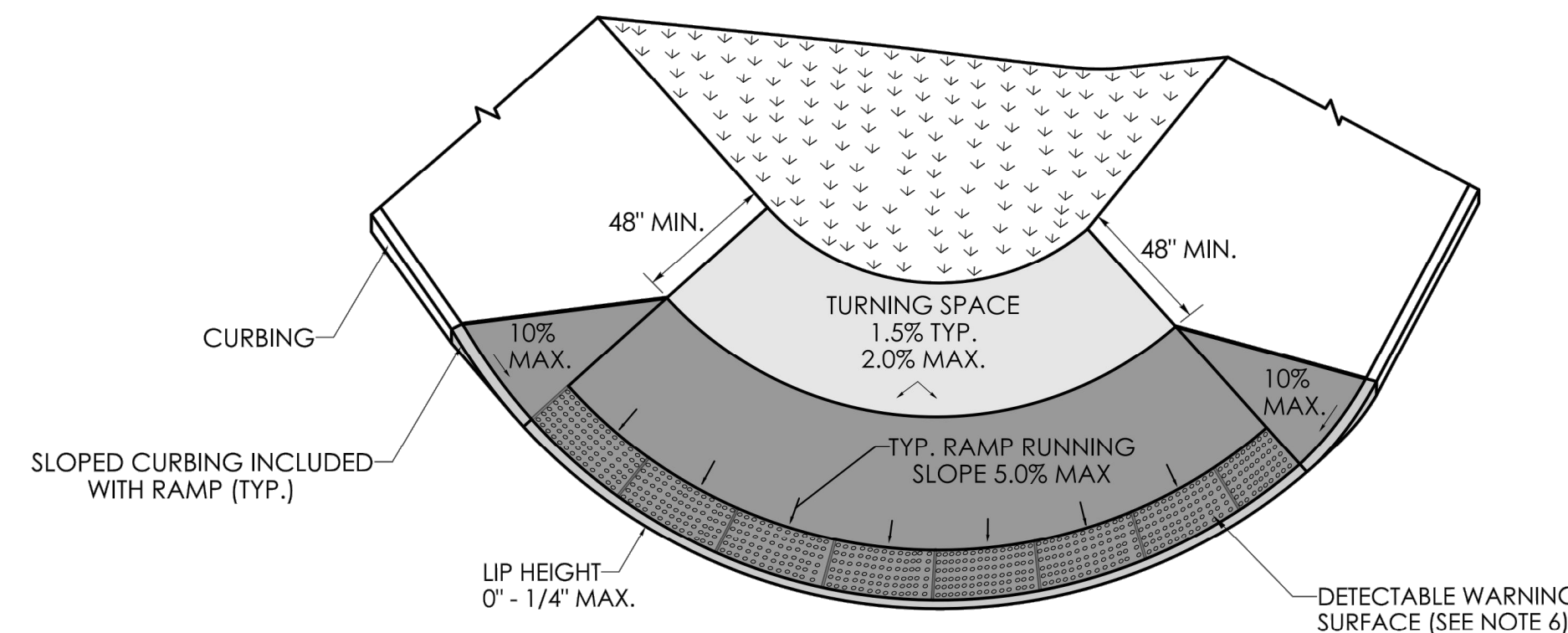
**TWO DIRECTIONAL PERPENDICULAR RAMP WITH GRADE BREAK TO BACK OF CURB GREATER THAN 5' (TYPE 2)**



**TWO DIRECTIONAL PERPENDICULAR RAMP WITH A GRADE BREAK TO BACK OF CURB GREATER THAN 5' WITH NON-WALKING SURFACE (TYPE 4)**



**TWO DIRECTIONAL PERPENDICULAR RAMP WITH A GRADE BREAK TO BACK OF CURB OF 5' OR LESS WITH NON-WALKING SURFACE (TYPE 3)**



**BLENDED TRANSITION WITH TURNING SPACE AT TOP (TYPE 5)**

- 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 1/4 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.
  5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
  6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
  7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
  8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
  9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

SIGNATURE/BLOCK: \_\_\_\_\_  
 OFFICE OF ENGINEERING  
 2800 BERLIN TURNPIKE  
 NEWINGTON, CT 06111

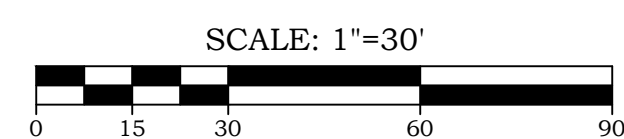
APPROVED BY: \_\_\_\_\_



PROJECT NUMBER: 0000-0000  
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 DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 2 OF 11

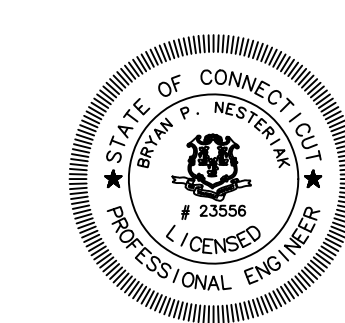
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 SHEET NO. \_\_\_\_\_

No.	Date	REVISION DESCRIPTION
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1.	11/19/2024	REVISED PER STATE DOT COMMENTS



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**CONSTRUCTION NOTES AND DETAILS IV**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026



**DRAWING LIST**

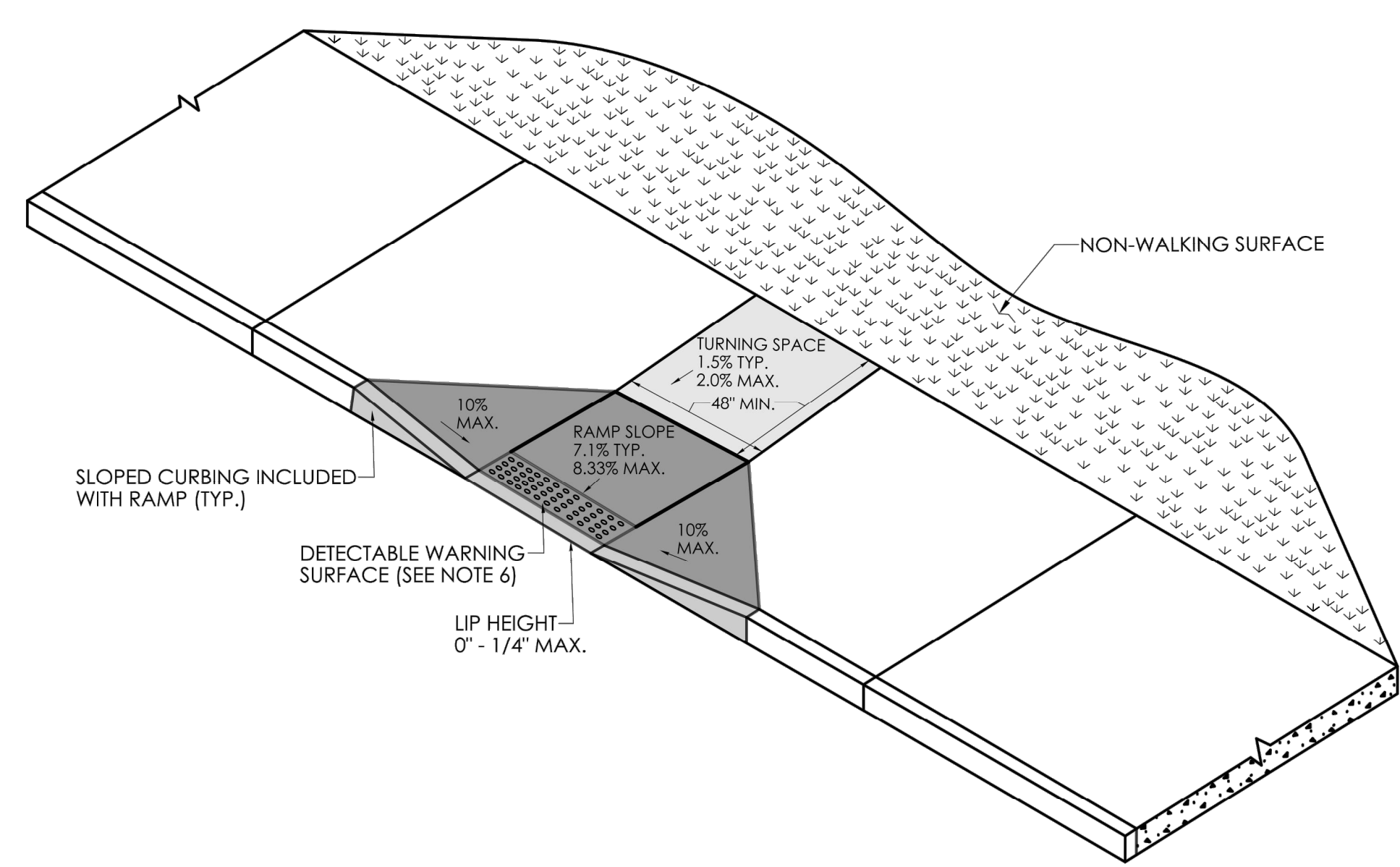
DRAWING #	DRAWING NAME
01-01	COVER SHEET
03-01	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
15-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

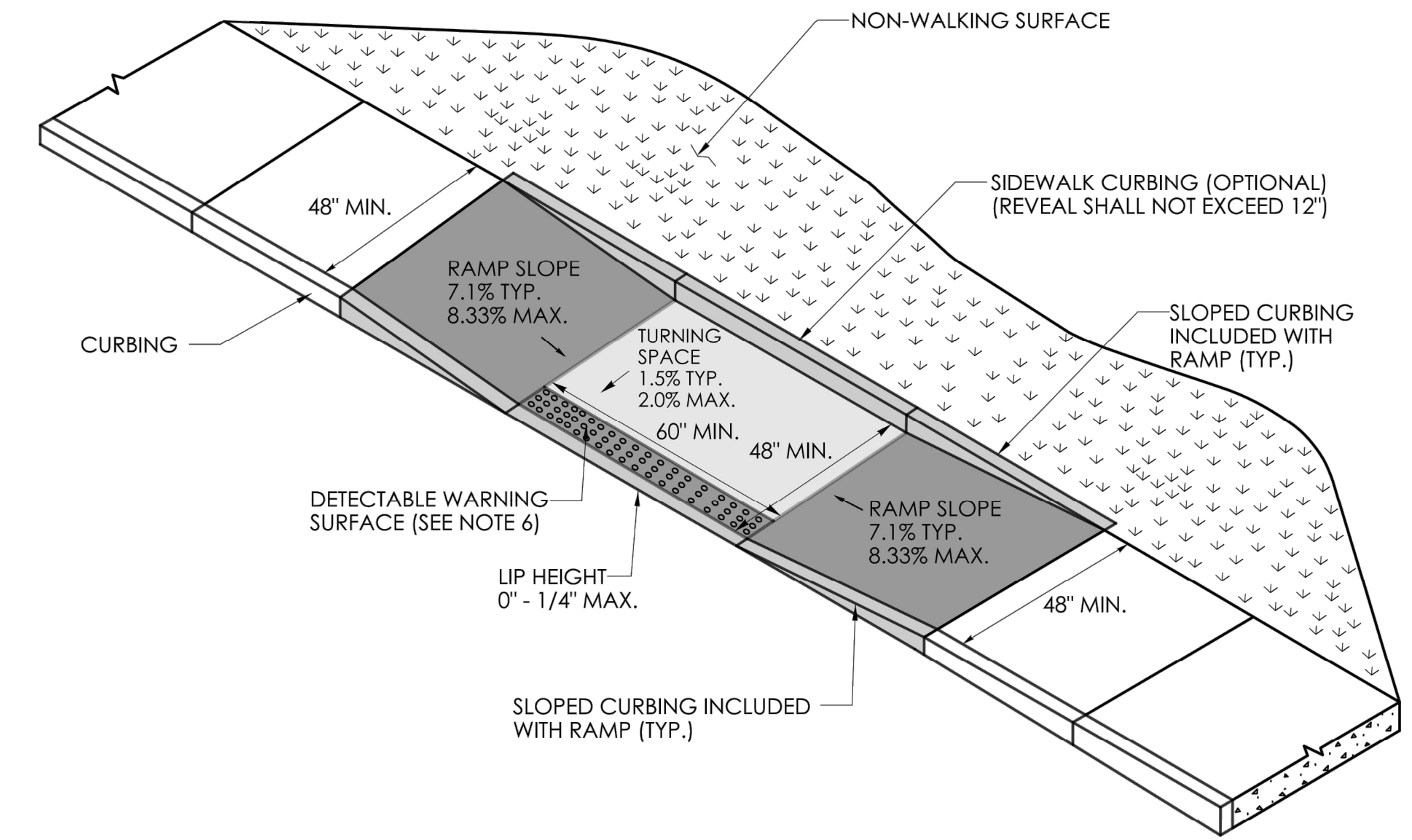
BRYON P. NESTERIAK, CT. P.E., L.S. 23556

Date: 5/29/2024  
 Scale: 1"=30'  
 Job No.: 1419  
 Drawing No.: 19-04

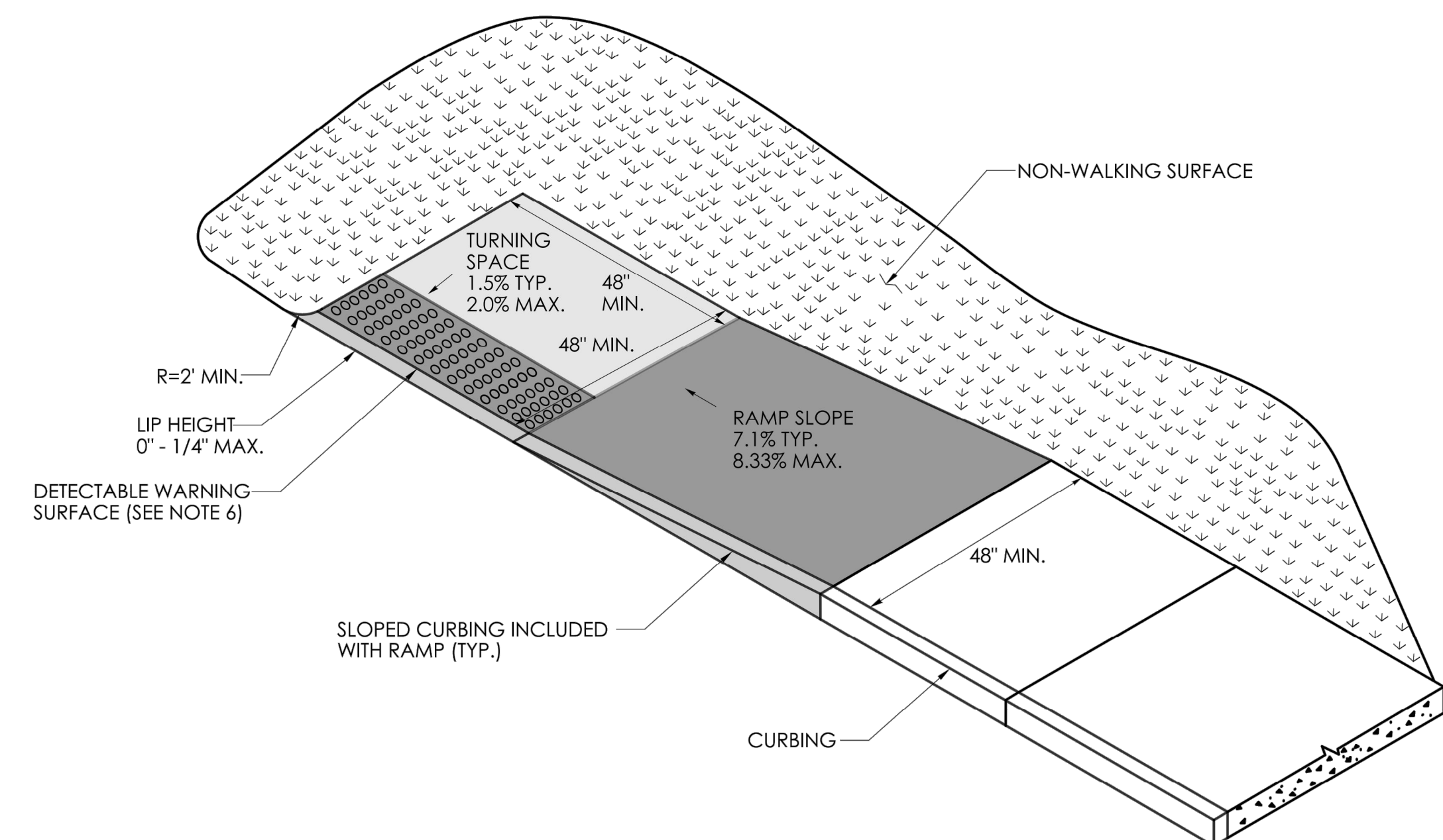
- GENERAL NOTES:**
1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
  2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4 INCH.
  3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
  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.
  5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
  6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
  7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
  8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
  9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



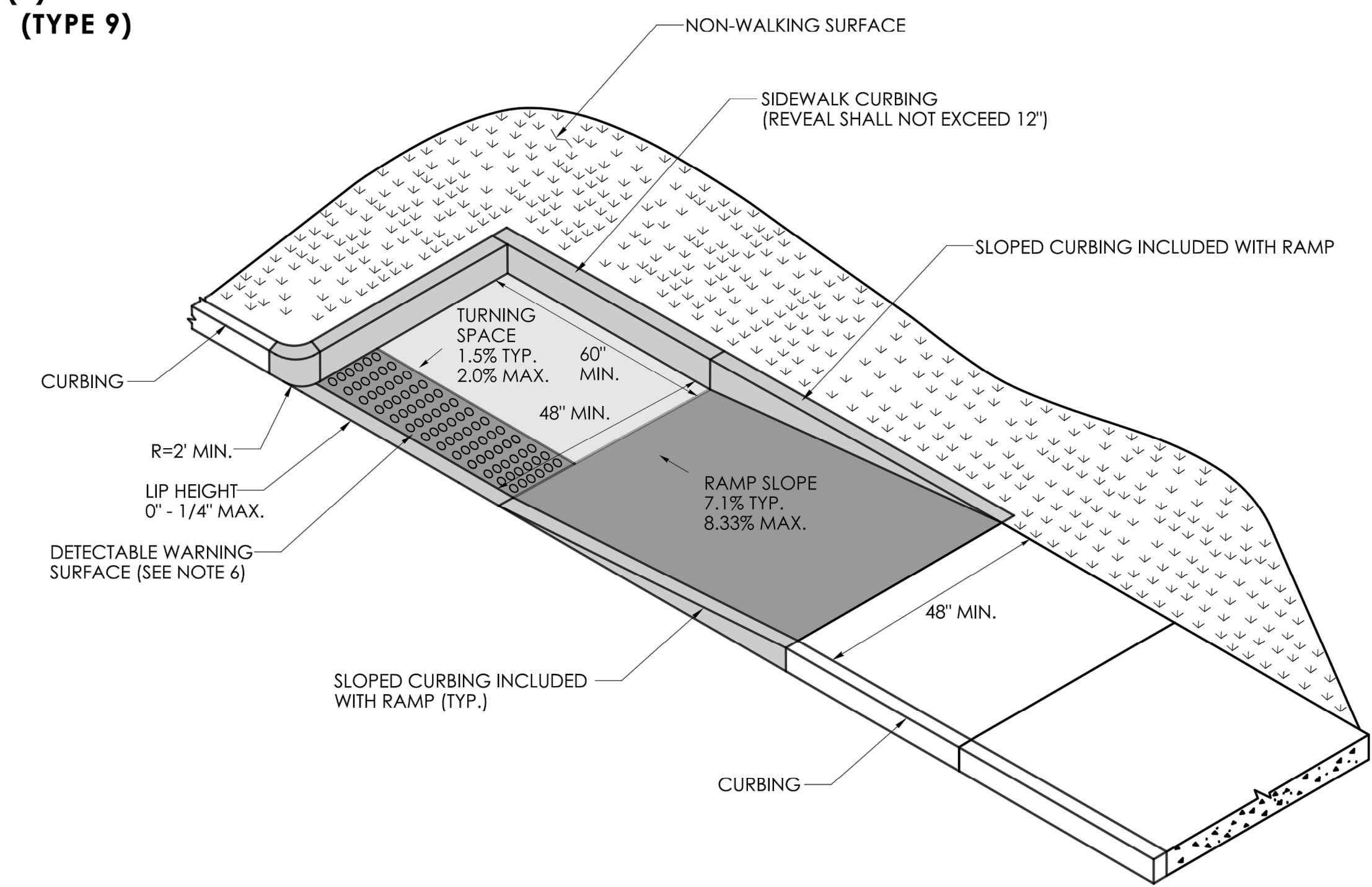
**PERPENDICULAR RAMP WITH 48" BY-PASS (TYPE 8)**



**PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON TWO (2) OR MORE SIDES (TYPE 9)**

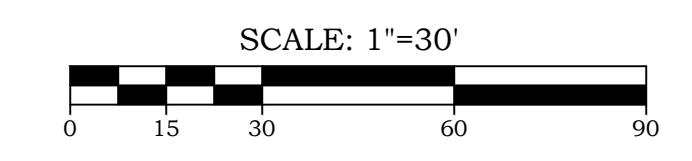


**PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON ONE SIDE (TYPE 10a)**



**PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON TWO (2) OR MORE SIDES (TYPE 10b)**

No.	Date	REVISION DESCRIPTION
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1.	11/19/2024	REVISED PER STATE DOT COMMENTS

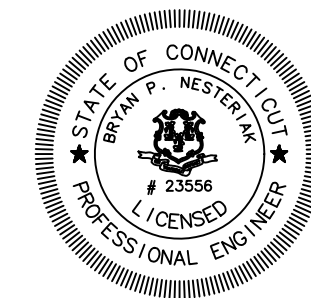


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**CONSTRUCTION NOTES AND DETAILS V**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
02-01	EXISTING CONDITIONS PLANS
03-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS



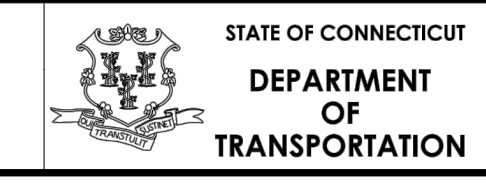
TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Date: 5/29/2024  
 Scale: 1"=30'  
 Job No.: 1419  
 Drawing No.: 19-05

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

REV.	DATE	REVISION DESCRIPTION

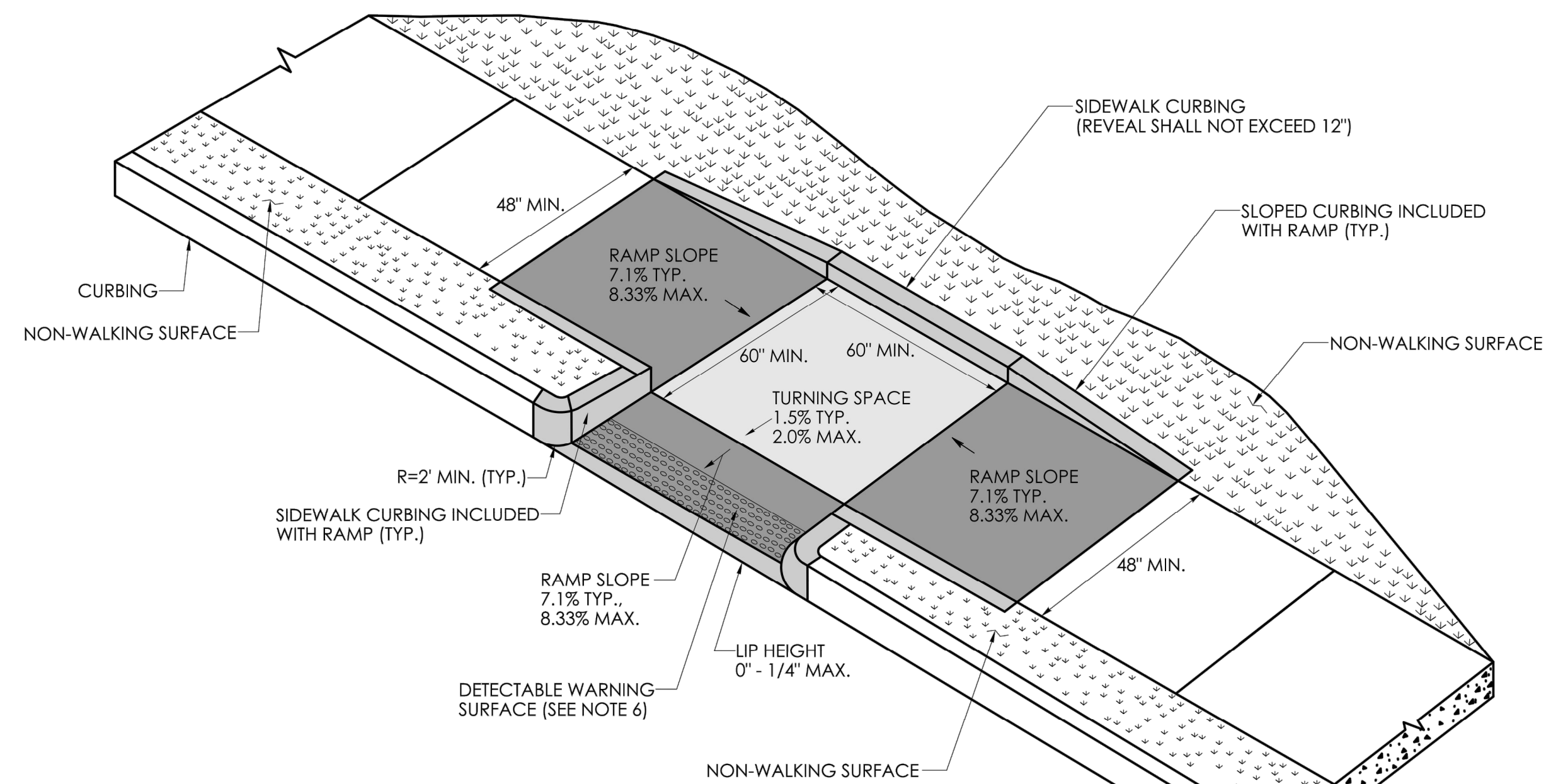
DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/BLOCK:	APPROVED BY:	PROJECT NUMBER: 0000-0000	DRAWING NO.:
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		OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111		TOWN(S): SAMPLE TOWN(S)	SHEET NO.:
				DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 4 OF 11	



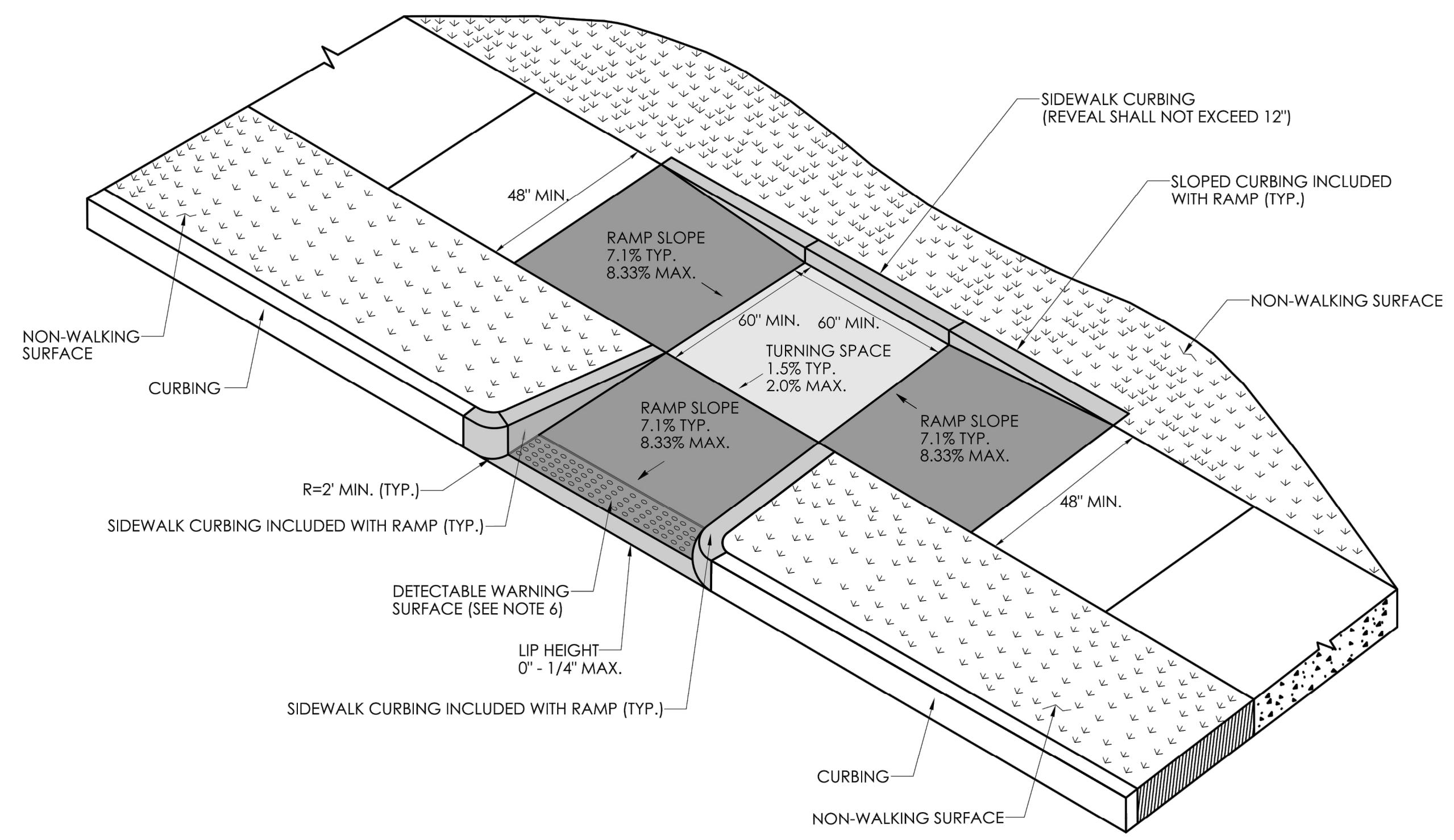
STATE OF CONNECTICUT  
 DEPARTMENT OF TRANSPORTATION

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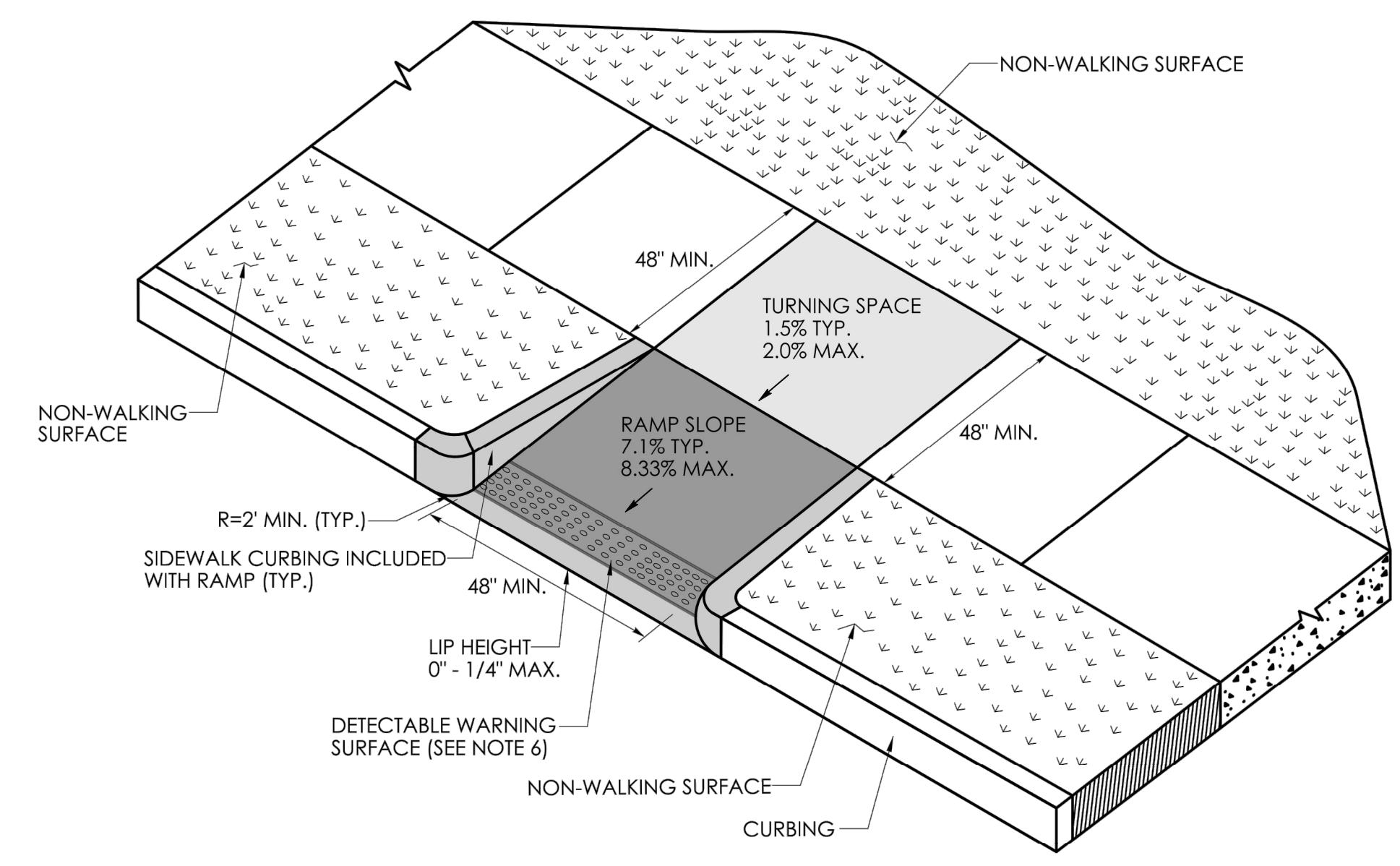




**PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 11)**



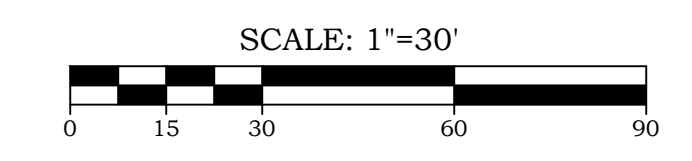
**PERPENDICULAR RAMP WITH SIDEWALK CURB AND NON-WALKING SURFACE (TYPE 12)**



**PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 13)**

- 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 1/4 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.
  5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
  6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
  7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
  8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
  9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

No.	Date	REVISION DESCRIPTION
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**CONSTRUCTION NOTES AND DETAILS VI**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.	Date	5/29/2024
 BRYAN P. NESTERIAK, CT. P.E., L.S. 23556	Scale	1"=30'
	Job No.	1419
	Drawing No.	19-06

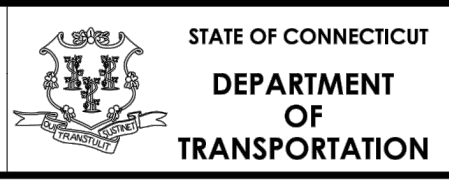
**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
02-01	EXISTING CONDITIONS PLANS
03-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
15-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

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REV.	DATE	REVISION DESCRIPTION

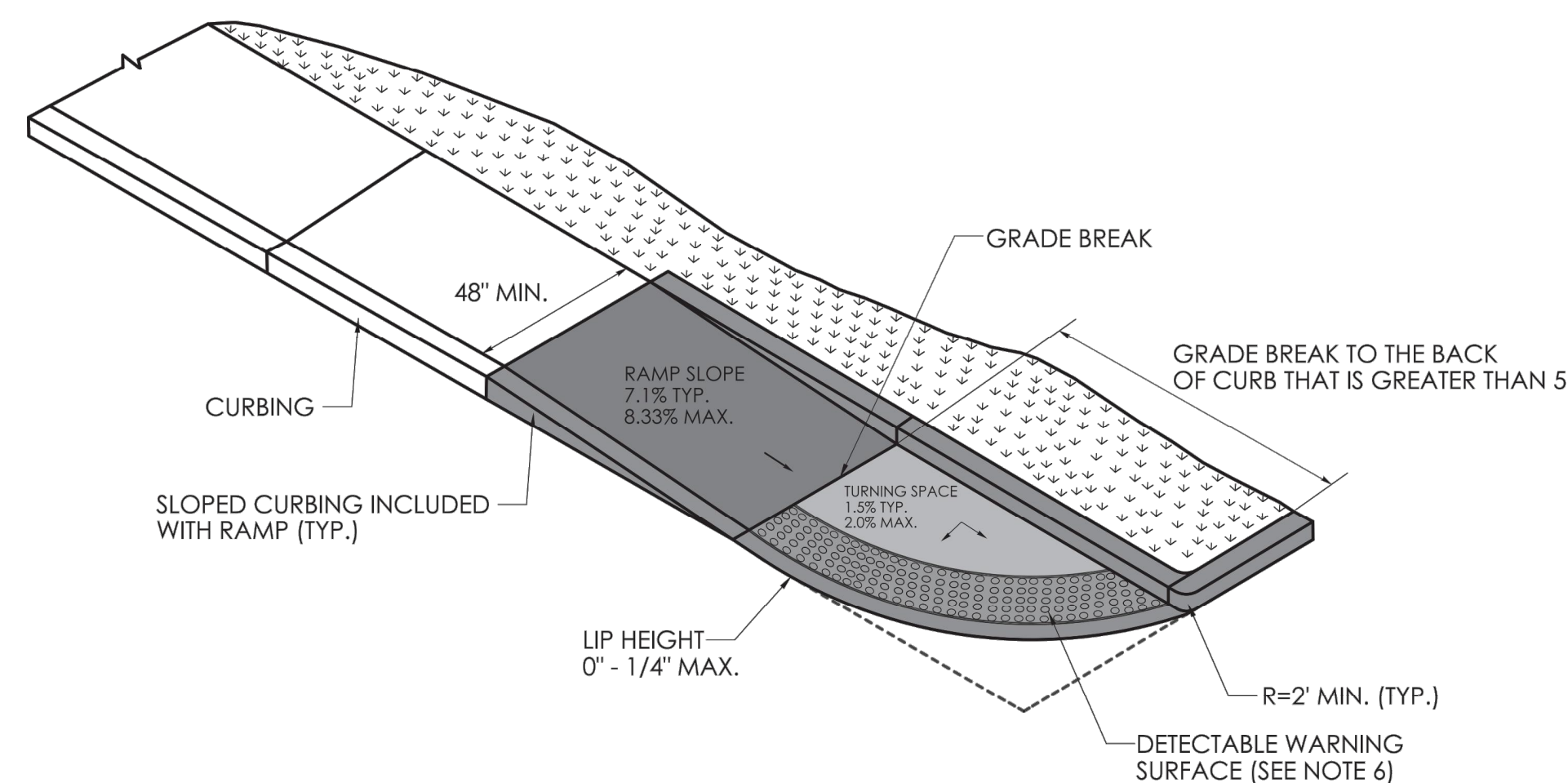
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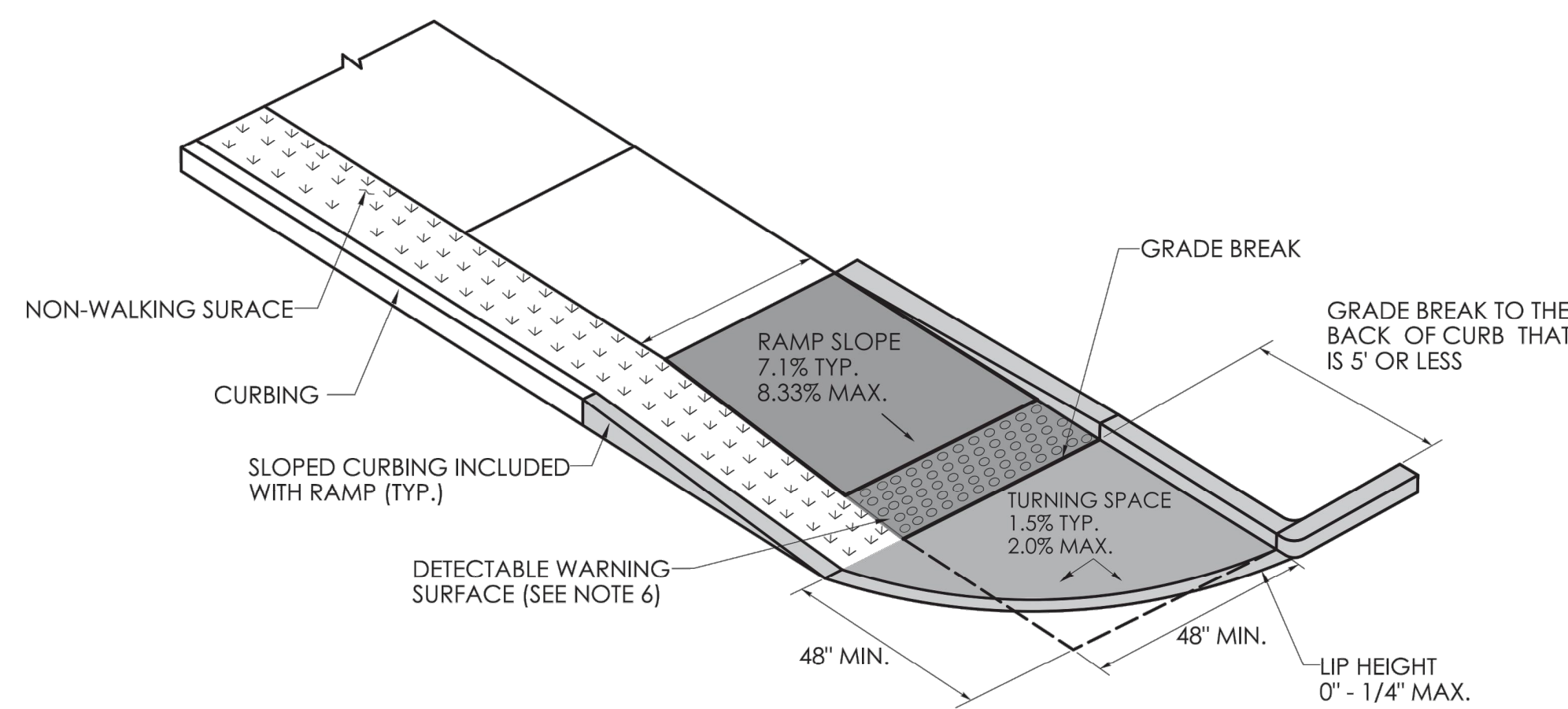
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DRAWING NO.
SHEET NO.

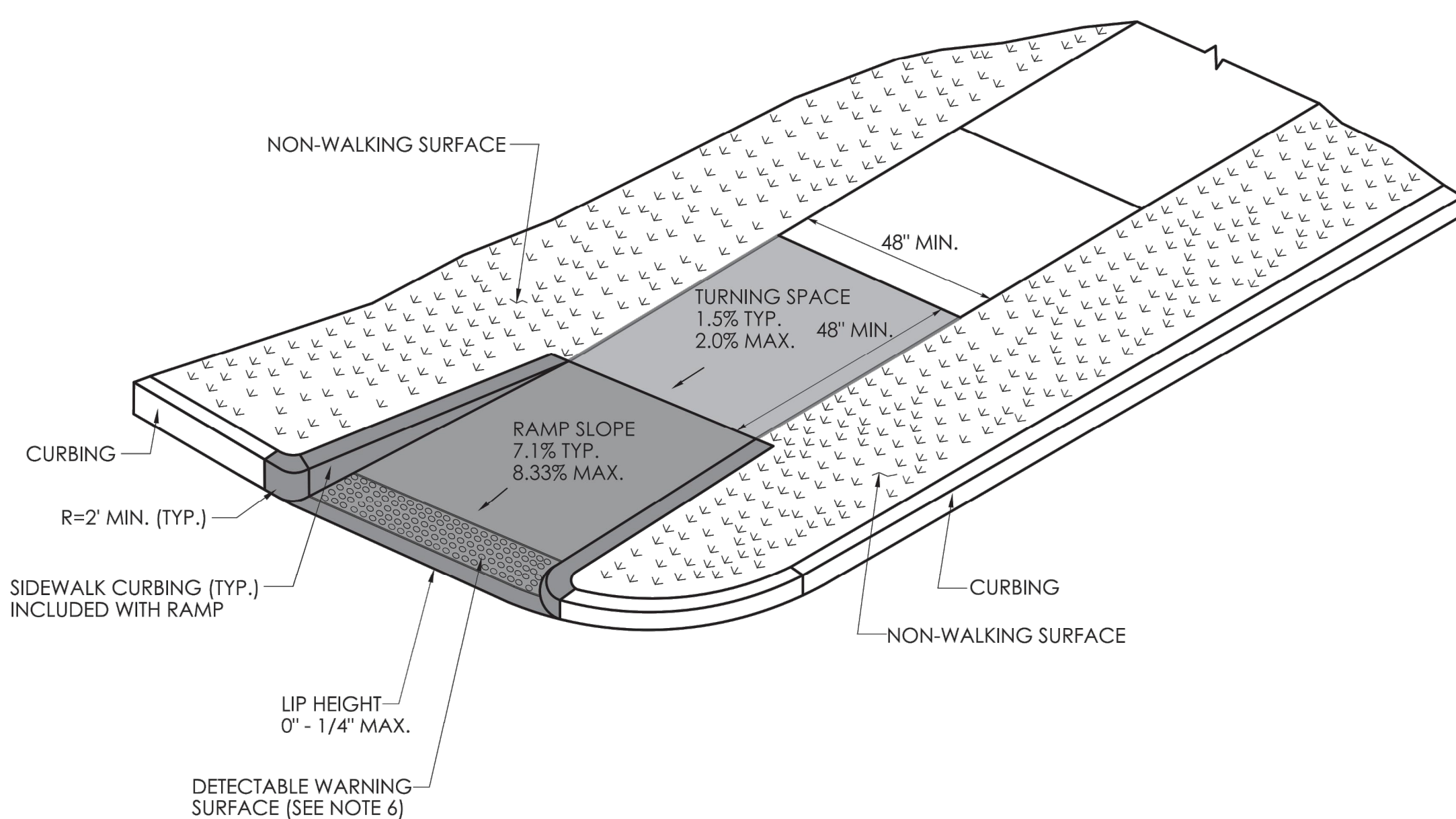




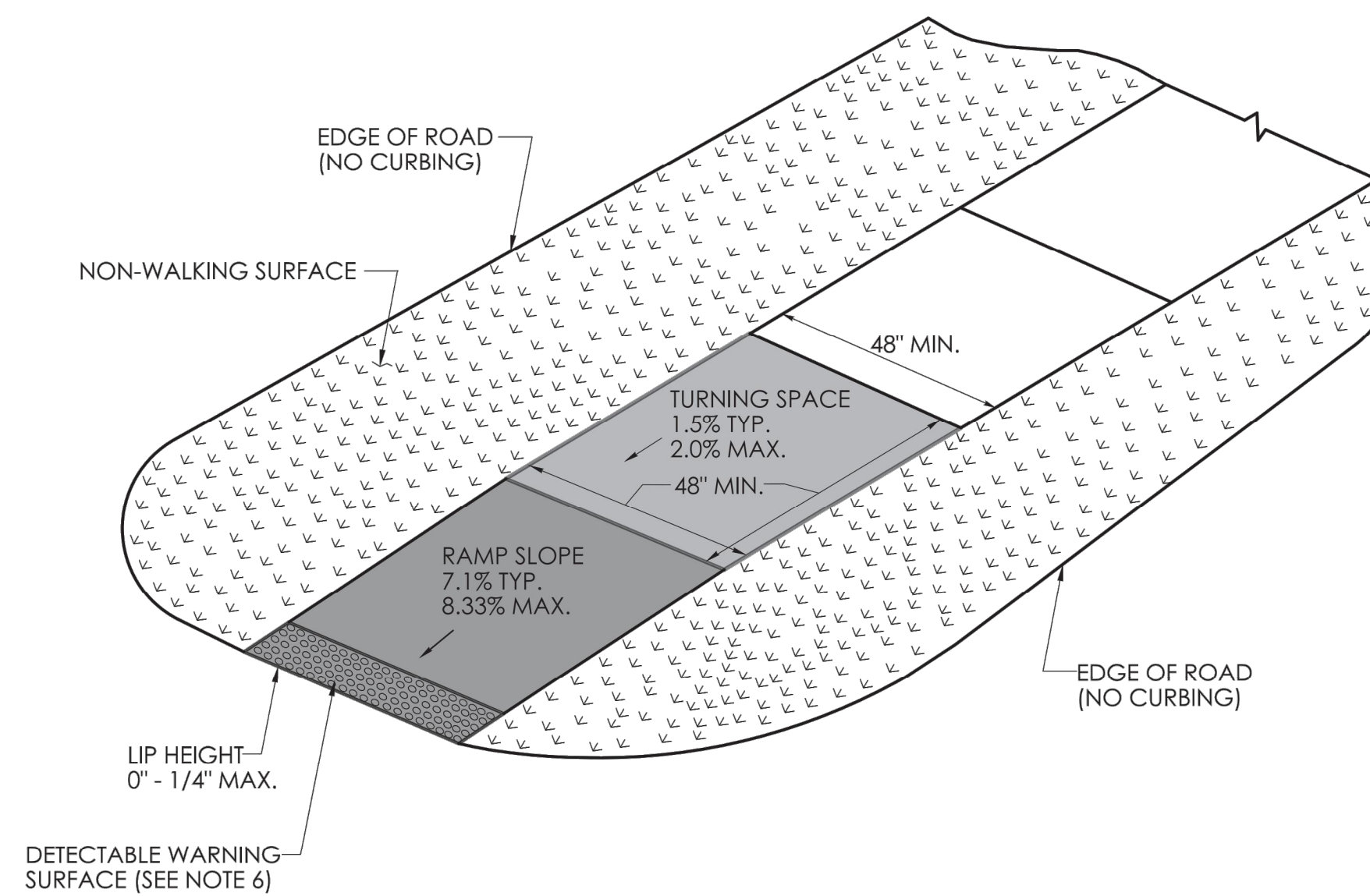
**SINGLE DIRECTION PERPENDICULAR RAMP  
GRADE BREAK TO THE BACK OF CURB  
GREATER THAN 5'  
(TYPE 14)**



**SINGLE DIRECTION PERPENDICULAR RAMP  
WITH GRADE BREAK TO THE BACK  
OF CURB THAT IS 5' OR LESS  
(TYPE 15)**



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

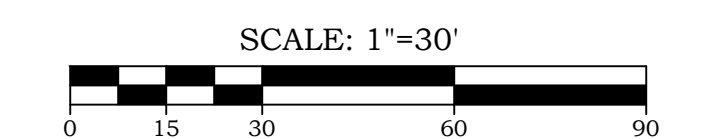


**SINGLE DIRECTION PERPENDICULAR RAMP  
NO CURB WITH NON-WALKING SURFACE  
(TYPE 17)**

**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 1/4 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.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-07.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

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Land Surveying, Professional Engineering & Land Use Consultants

**CONSTRUCTION NOTES AND  
DETAILS VII**  
OF  
**TOWN CAMPUS SIDEWALK  
CONNECTIONS**  
PREPARED FOR  
**TOWN OF EAST GRANBY**  
9 CENTER STREET  
EAST GRANBY, CONNECTICUT 06026

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.	Date	5/29/2024
	Scale	1"=30'
	Job No.	1419
	Drawing No.	19-07

**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
03-01	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
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18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

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REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/ BLOCK:	APPROVED BY:
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STATE OF CONNECTICUT  
**DEPARTMENT  
OF  
TRANSPORTATION**

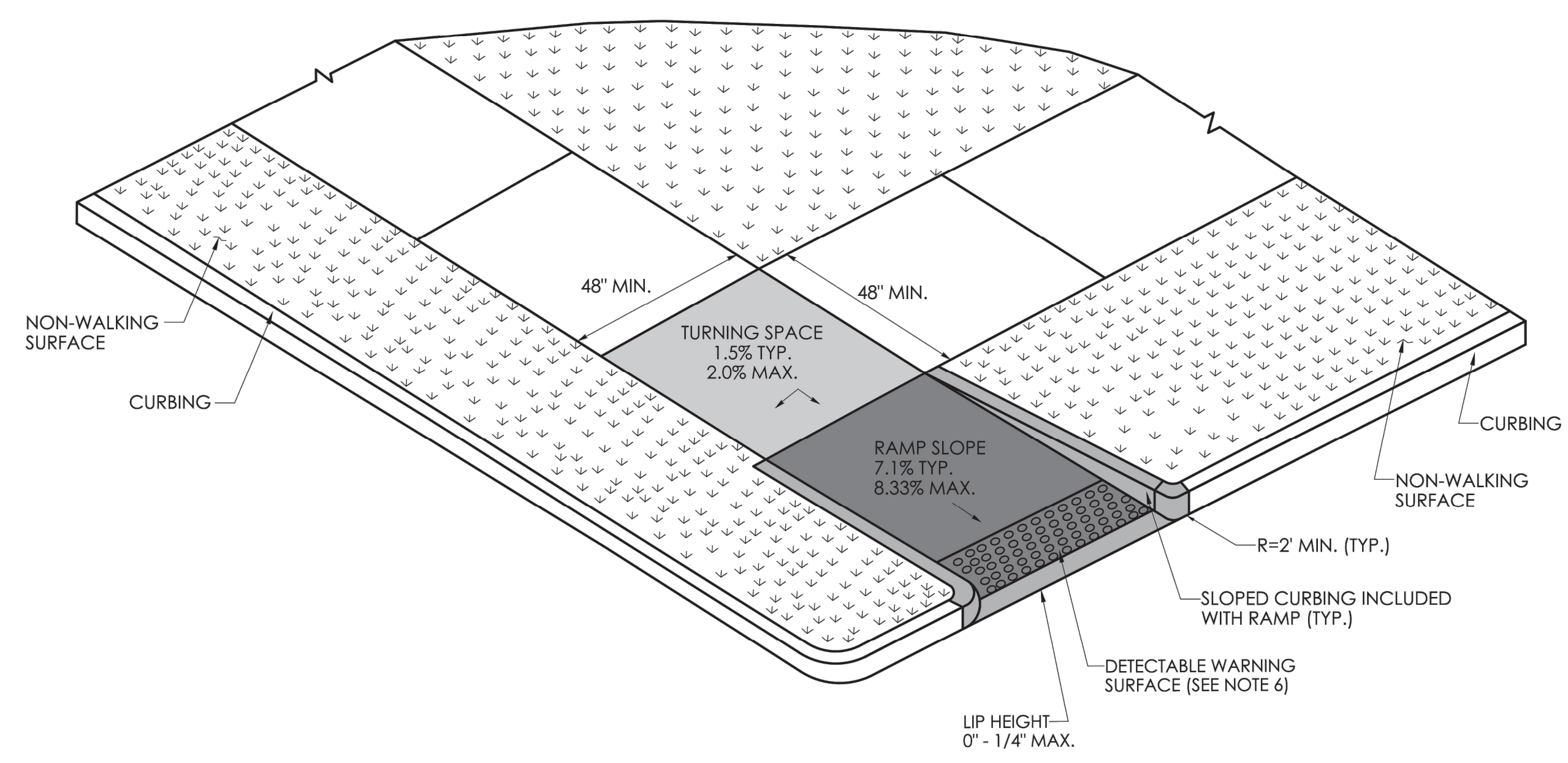
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DRAWING NO.
SHEET NO.

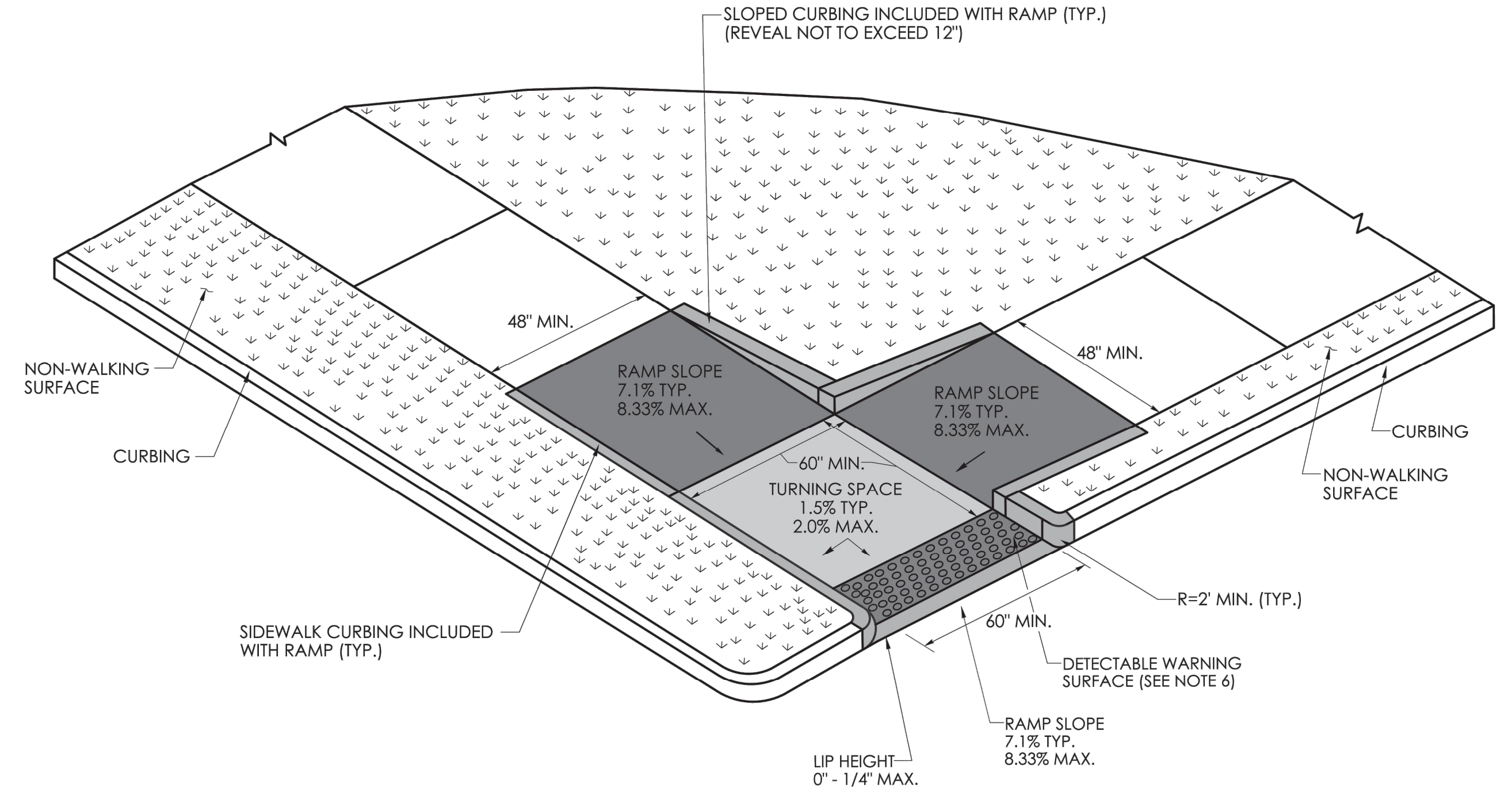


**GENERAL NOTES:**

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 1/4 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.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

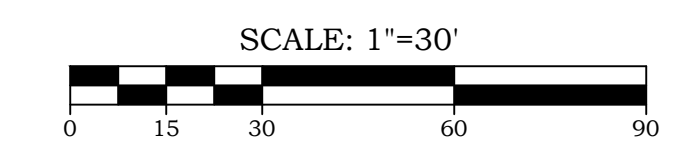


**RESTRICTED PEDESTRIAN CROSSING SIDEWALK RAMP WITH NON-WALKING SURFACE (TYPE 20)**



**RESTRICTED PEDESTRIAN CROSSING WITH LANDING AT BOTTOM AND NON-WALKING SURFACE (TYPE 21)**

No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
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1.	11/19/2024	REVISED PER STATE DOT COMMENTS



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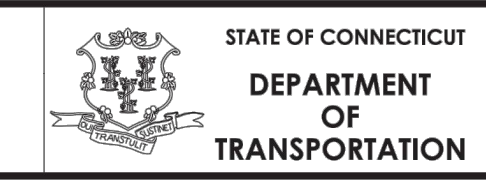
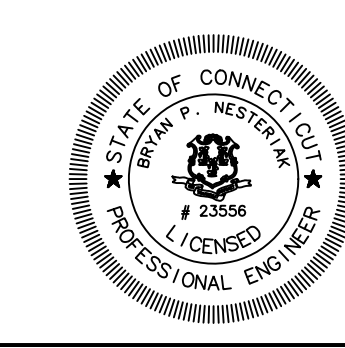
**CONSTRUCTION NOTES AND DETAILS VIII**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.	Date	5/29/2024
	Scale	1"=30'
	Job No.	1419
	Drawing No.	19-08

**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
03-01	03-02 EXISTING CONDITIONS PLANS
11-01	11-02 SITE LAYOUT PLANS
12-01	12-02 GRADING PLANS
15-01	15-02 SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	19-12 CONSTRUCTION NOTES & DETAILS

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PROJECT NUMBER: 0000-0000  
 PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION  
 TOWN(S): SAMPLE TOWN(S)  
 DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 8 OF 11

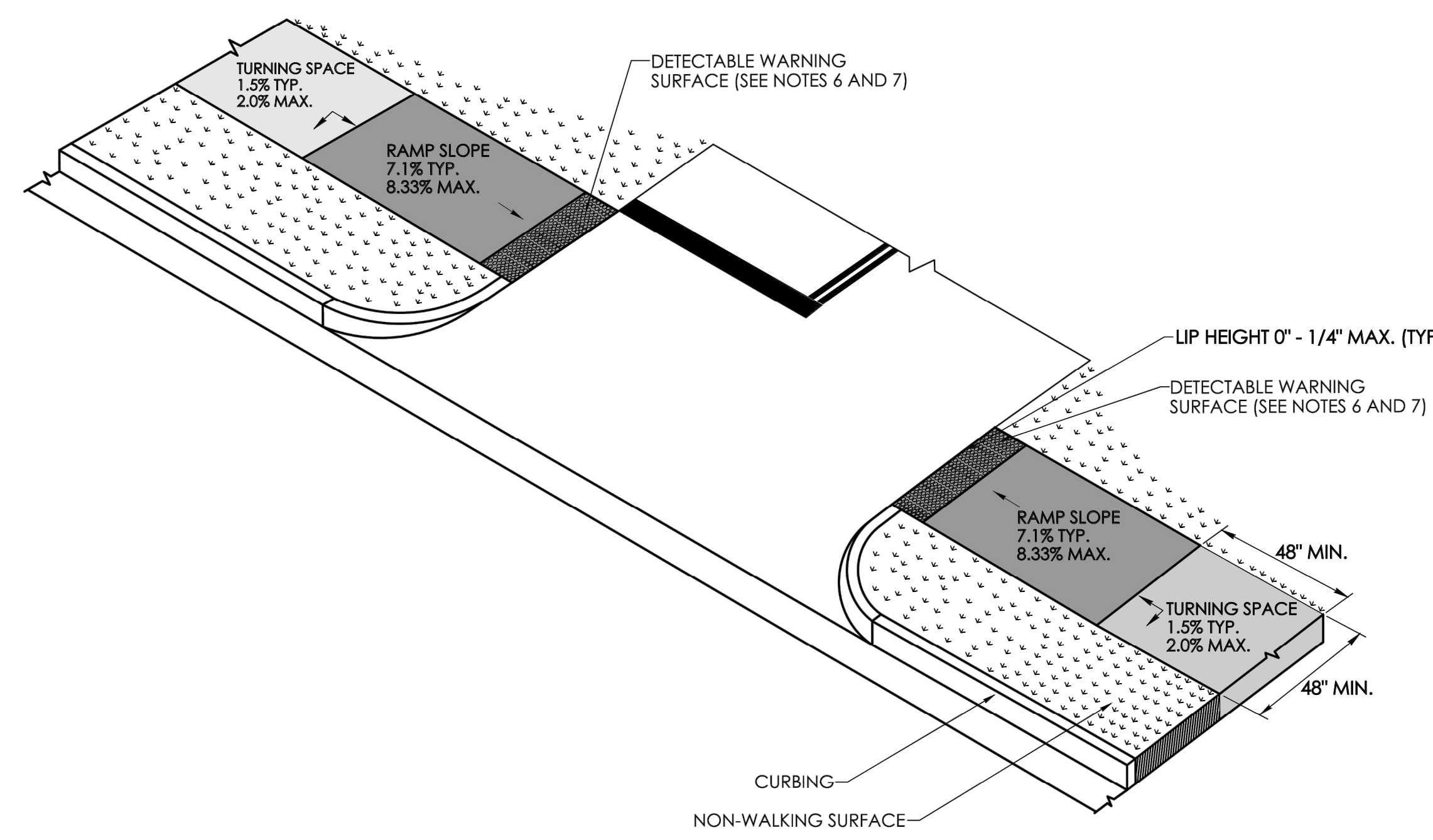
OFFICE OF ENGINEERING  
 2800 BERLIN TURNPIKE  
 NEWINGTON, CT 06111

REV.	DATE	REVISION DESCRIPTION

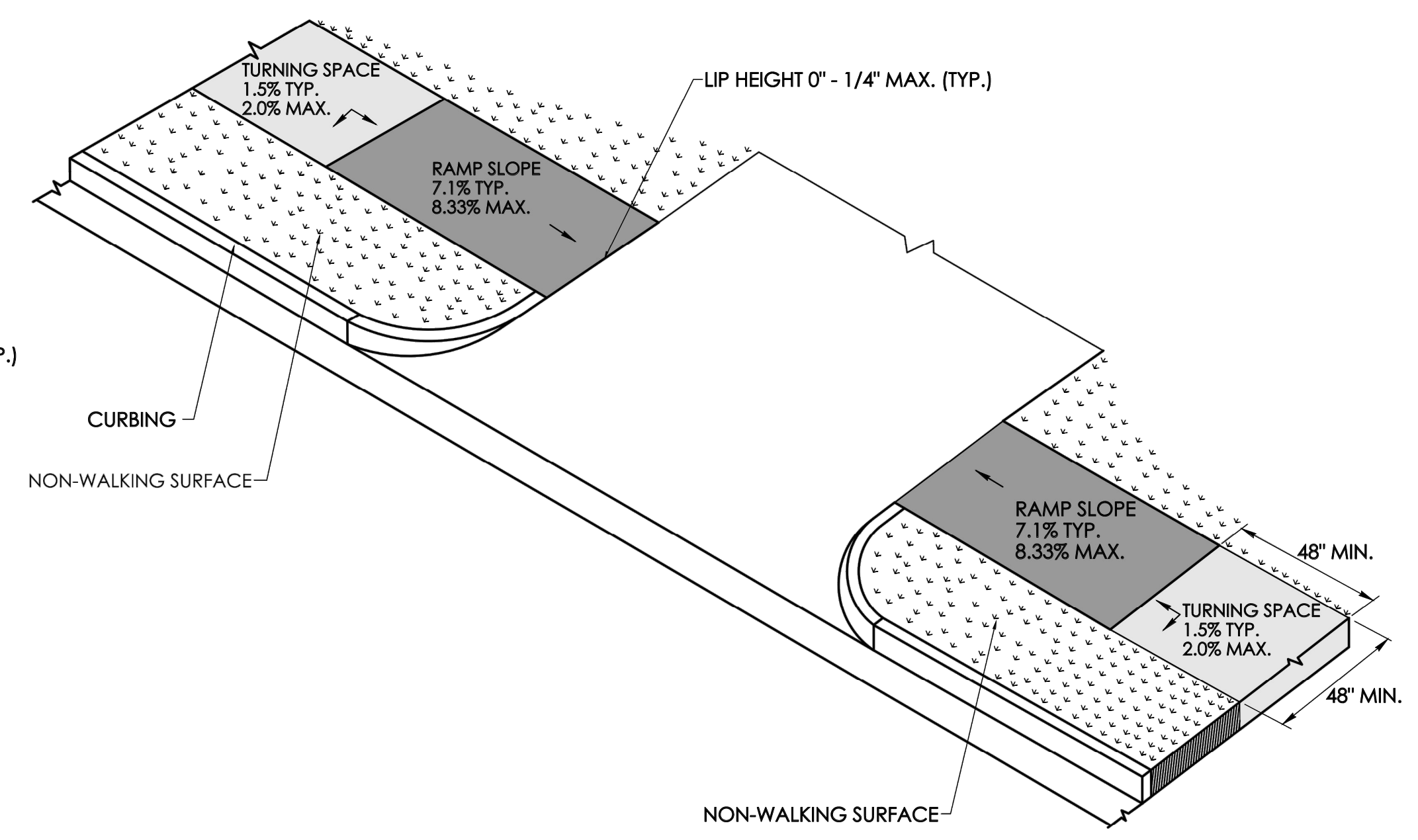
DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/BLOCK:	APPROVED BY:

DRAWING NO.
SHEET NO.



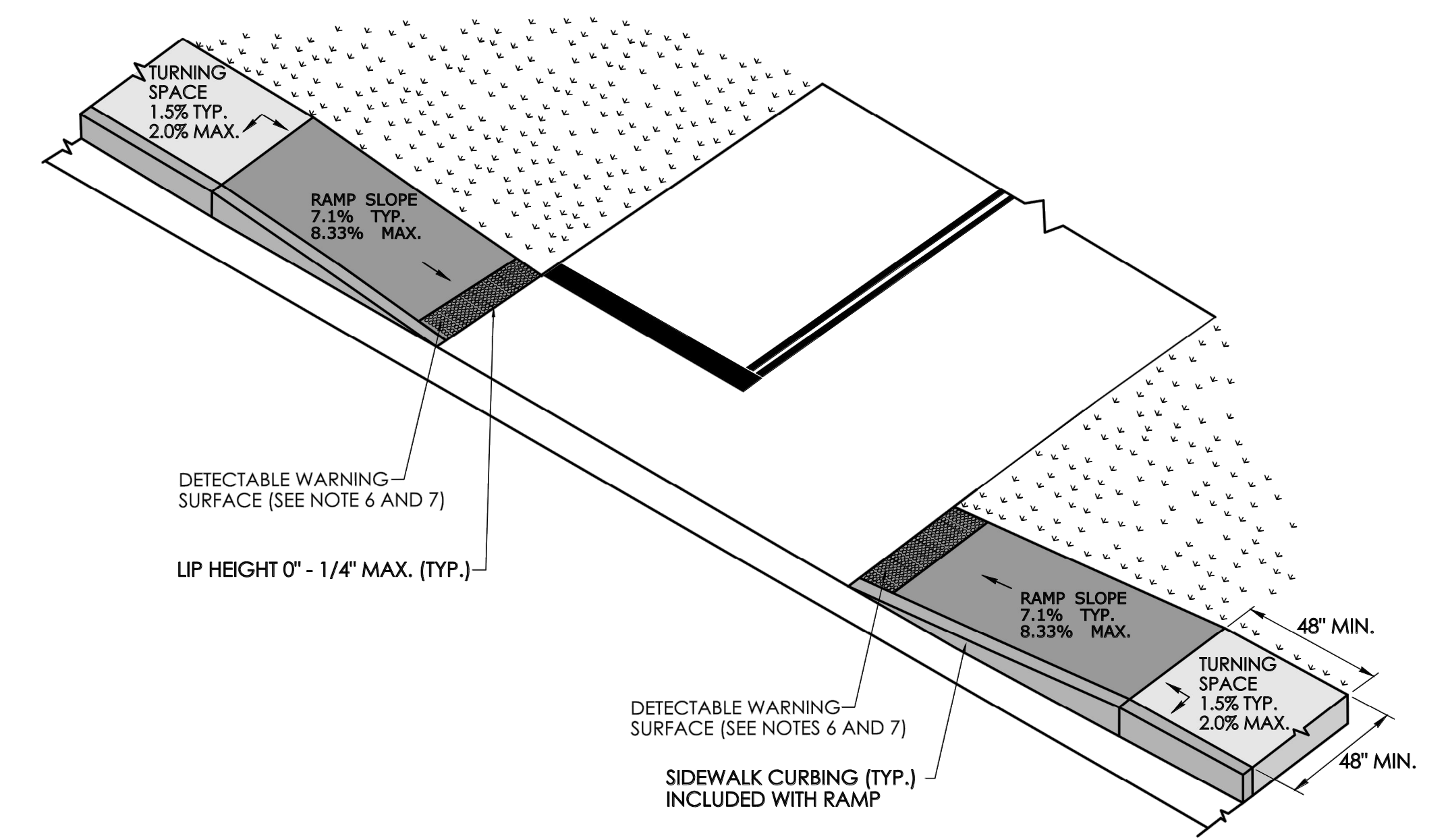


**DRIVEWAY CROSSING SIGNALIZED, STOP CONTROLLED OR YIELD WITH DETECTABLE WARNING SURFACE AND NON WALKING SURFACE**  
(TYPE 29)

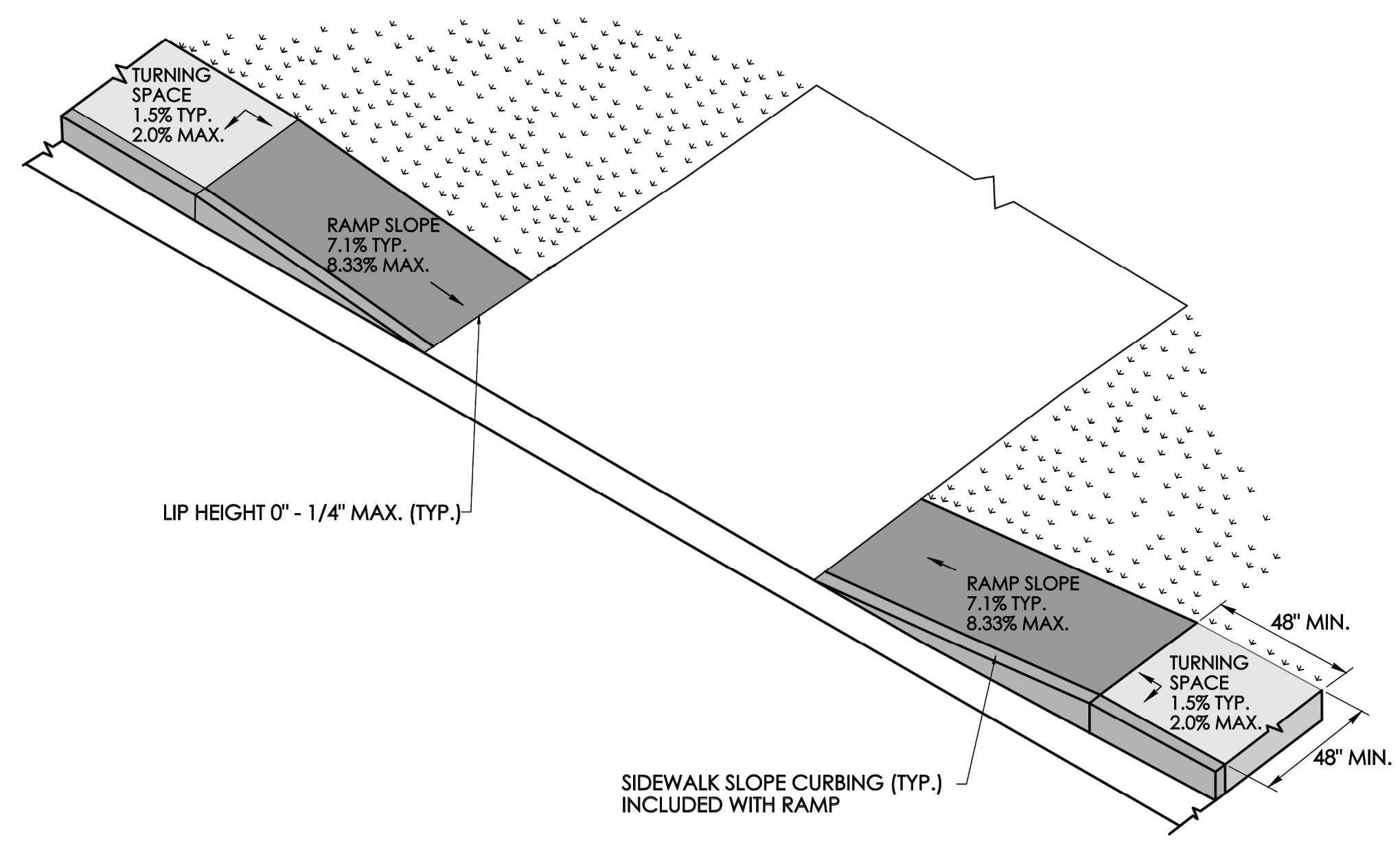


**UNSIGNALIZED, NO STOP CONTROL OR YIELD DRIVEWAY CROSSING WITH NON WALKING SURFACE**  
(TYPE 30)

- 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 1/4 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.
  5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
  6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
  7. FOR DRIVEWAY WHERE TRAFFIC IS CONTROLLED WITH: YIELD SIGN, STOP CONTROL SIGN OR TRAFFIC SIGNAL, DETECTABLE WARNING SURFACE SHALL BE INSTALLED ON ADJACENT SIDEWALK RAMP(S).
  8. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 REQUIREMENTS. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
  9. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
  9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

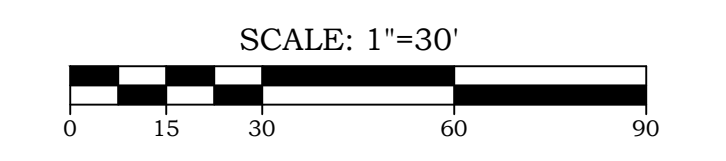


**DRIVEWAY CROSSING SIGNALIZED, STOP CONTROL OR YIELD WITH DETECTABLE WARNING SURFACE**  
(TYPE 31)



**UNSIGNALIZED, NO STOP CONTROL OR YIELD DRIVEWAY CROSSING**  
(TYPE 32)

No.	Date	REVISION DESCRIPTION
3.	2/7/2025	FINAL DESIGN SUBMISSION
2.	11/27/2024	REVISED PER STATE DOT COMMENTS
1.	11/19/2024	REVISED PER STATE DOT COMMENTS

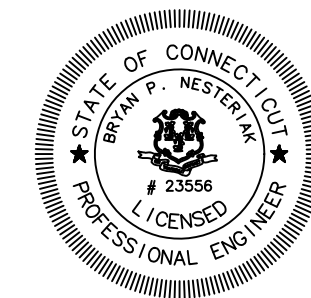


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**CONSTRUCTION NOTES AND DETAILS IX**  
OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
PREPARED FOR  
**TOWN OF EAST GRANBY**  
9 CENTER STREET  
EAST GRANBY, CONNECTICUT 06026

**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
03-01	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
15-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

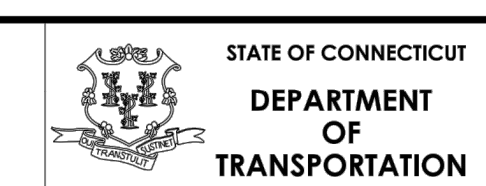


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BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

Date	5/29/2024
Scale	1"=30'
Job No.	1419
Drawing No.	19-09

REV.	DATE	REVISION DESCRIPTION

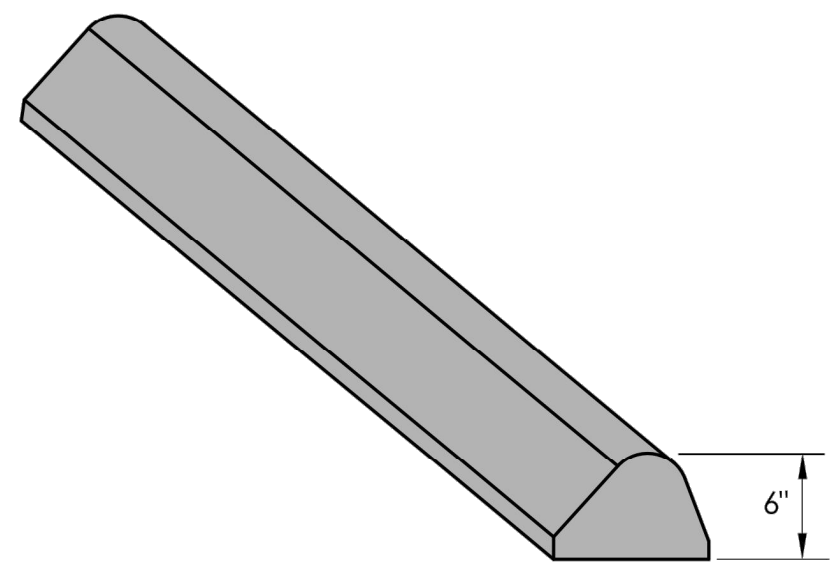
DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/BLOCK:	APPROVED BY:



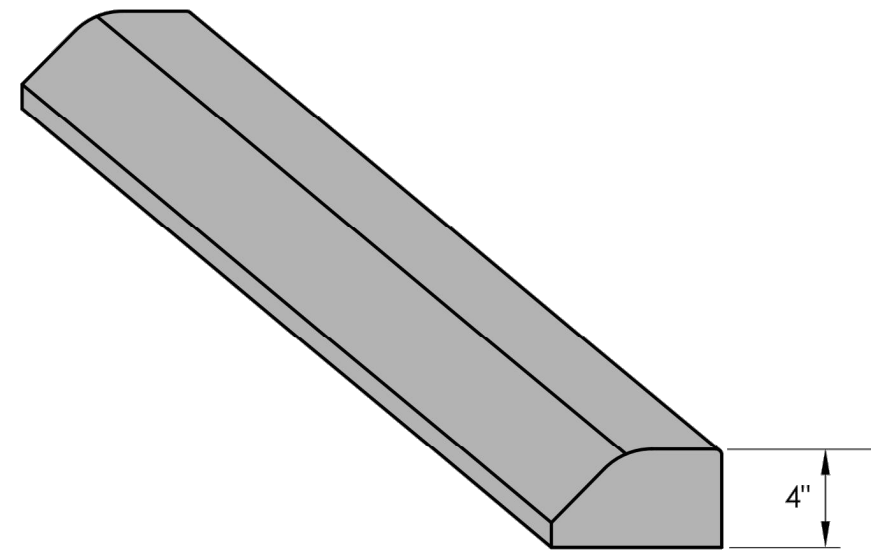
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PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION  
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DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 11 OF 11

DRAWING NO.	
SHEET NO.	

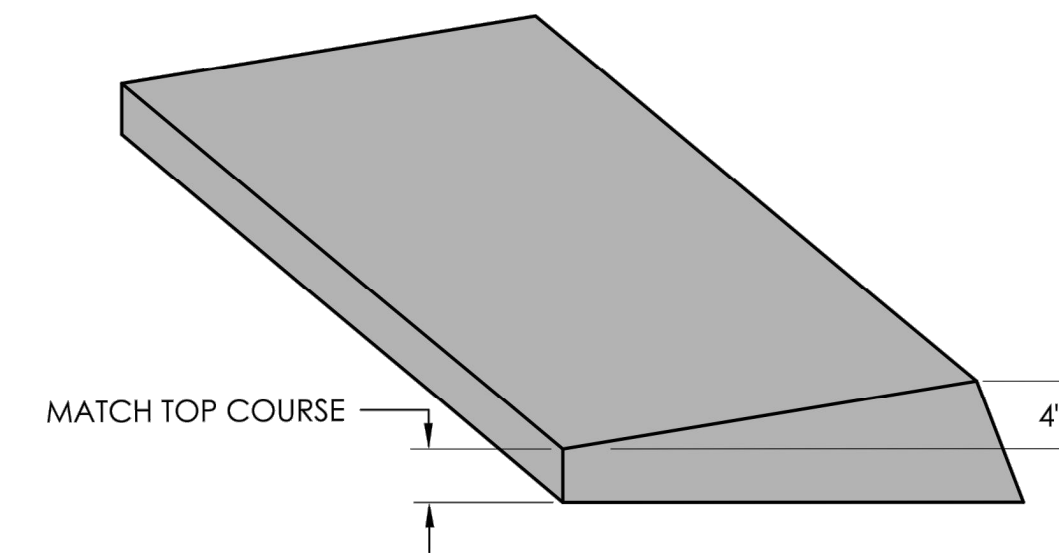




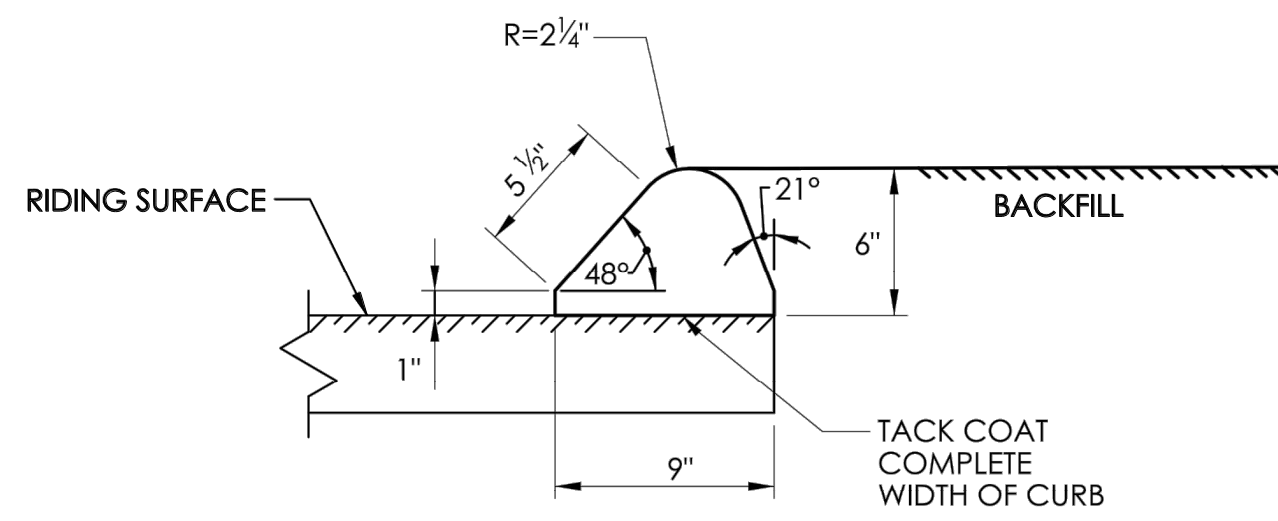
**BITUMINOUS CONCRETE LIP CURBING  
(6" HIGH)**



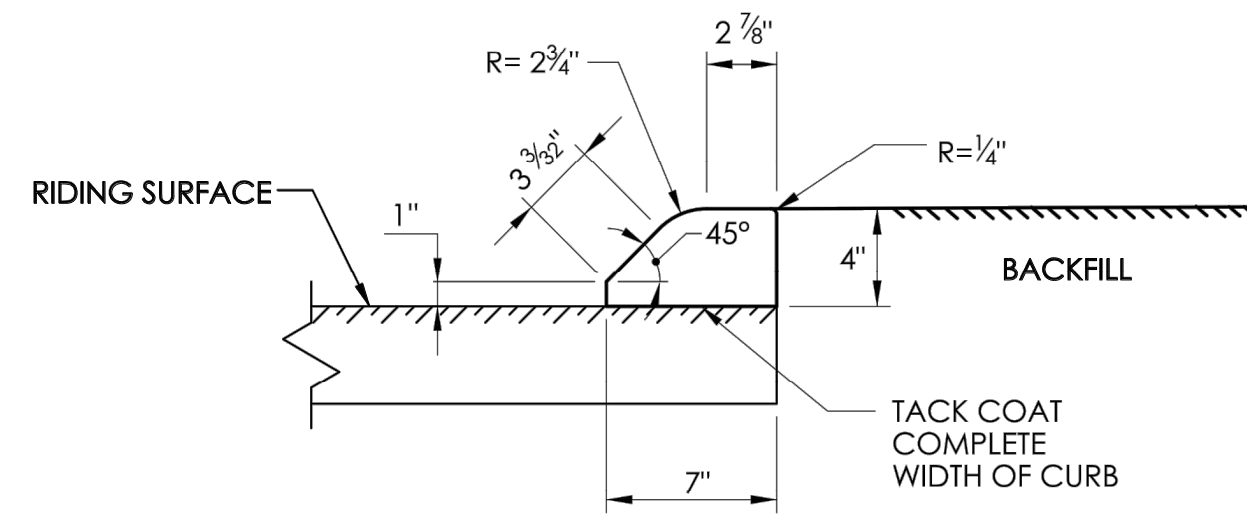
**BITUMINOUS CONCRETE PARK CURBING  
(4" HIGH)**



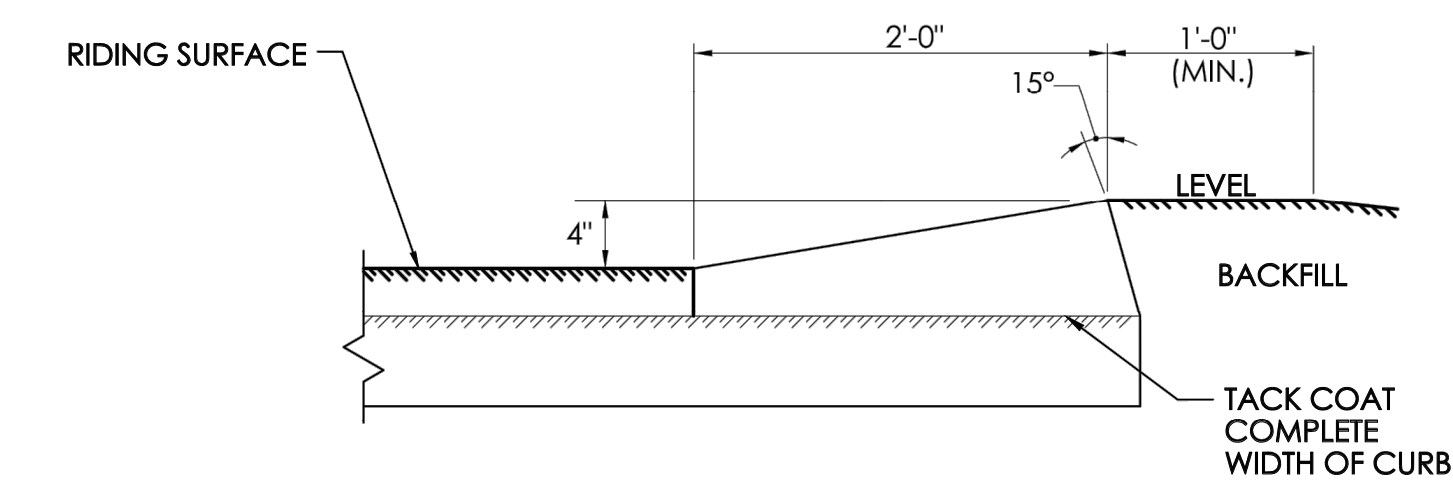
**BITUMINOUS CONCRETE BERM CURBING  
(4" HIGH)**



**SECTION**

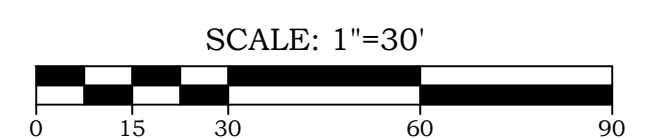


**SECTION**



**SECTION**

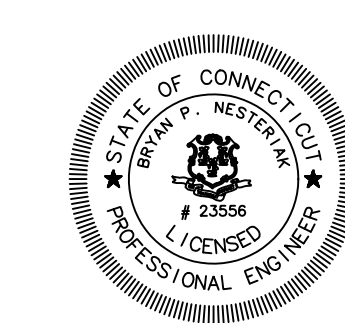
No.	Date	REVISION DESCRIPTION
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NOT TO SCALE	SIGNATURE BLOCK: OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111	SUBMITTED BY: Digitally signed by Leo Fontaine, P.E. Date: 2022.09.27 14:43:18-04'00'	APPROVED BY: Digitally signed by Calabrese, Michael Date: 2022.11.08 11:39:39-05'00'	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	CTDOT STANDARD SHEET	STANDARD SHEET TITLE: <b>BITUMINOUS CONCRETE CURBING</b>	STANDARD SHEET NO.: <b>HW-815-01</b>
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**CONSTRUCTION NOTES AND  
DETAILS X**  
 OF  
**TOWN CAMPUS SIDEWALK  
CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026



**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
03-01	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

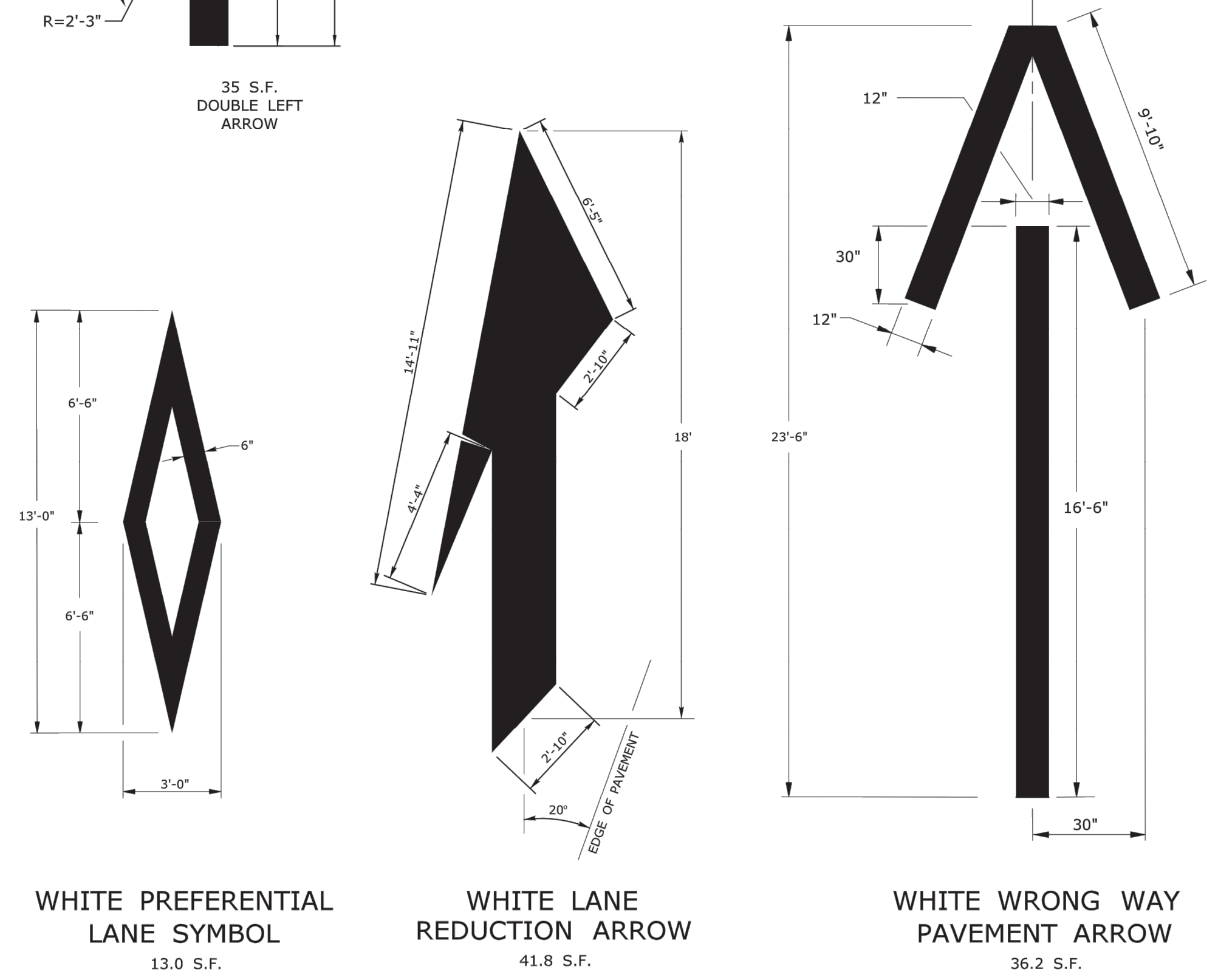
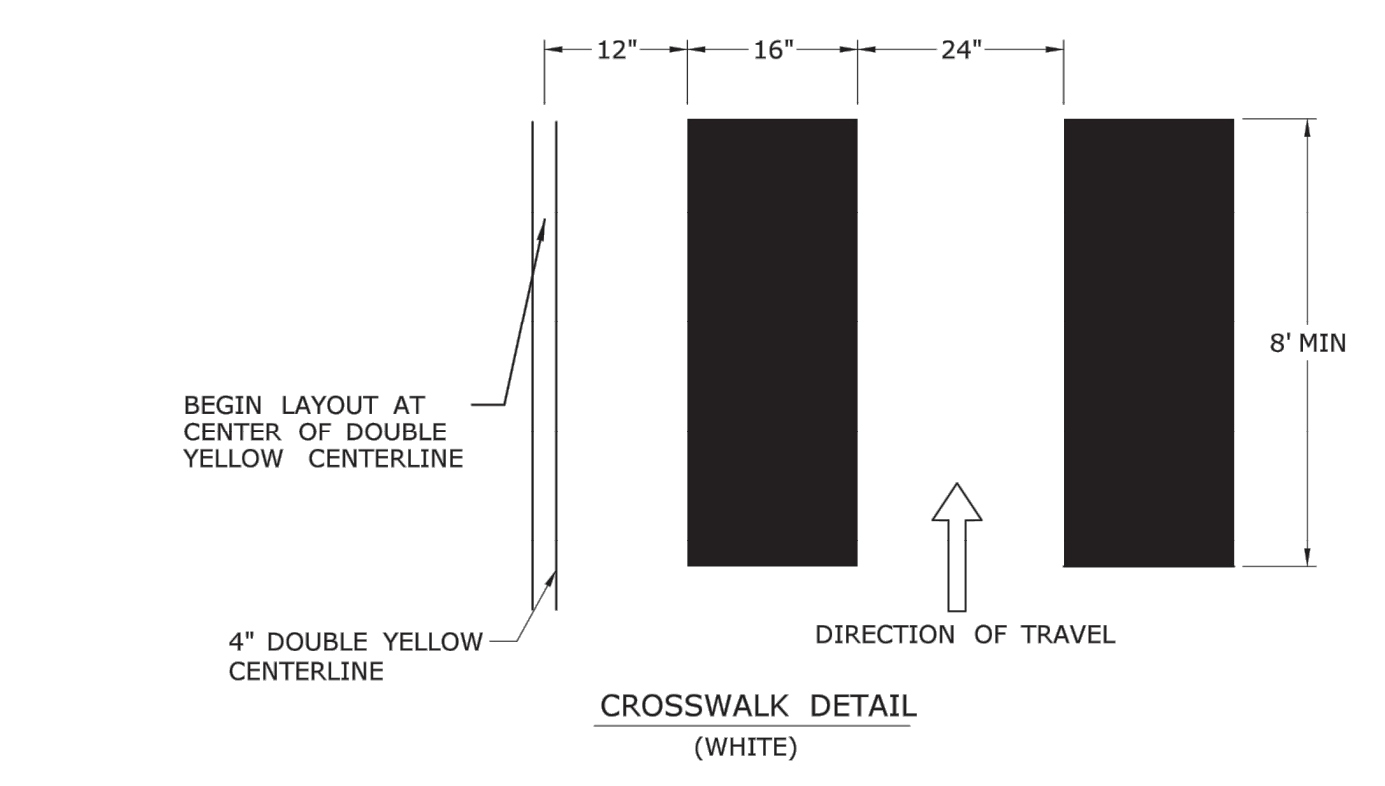
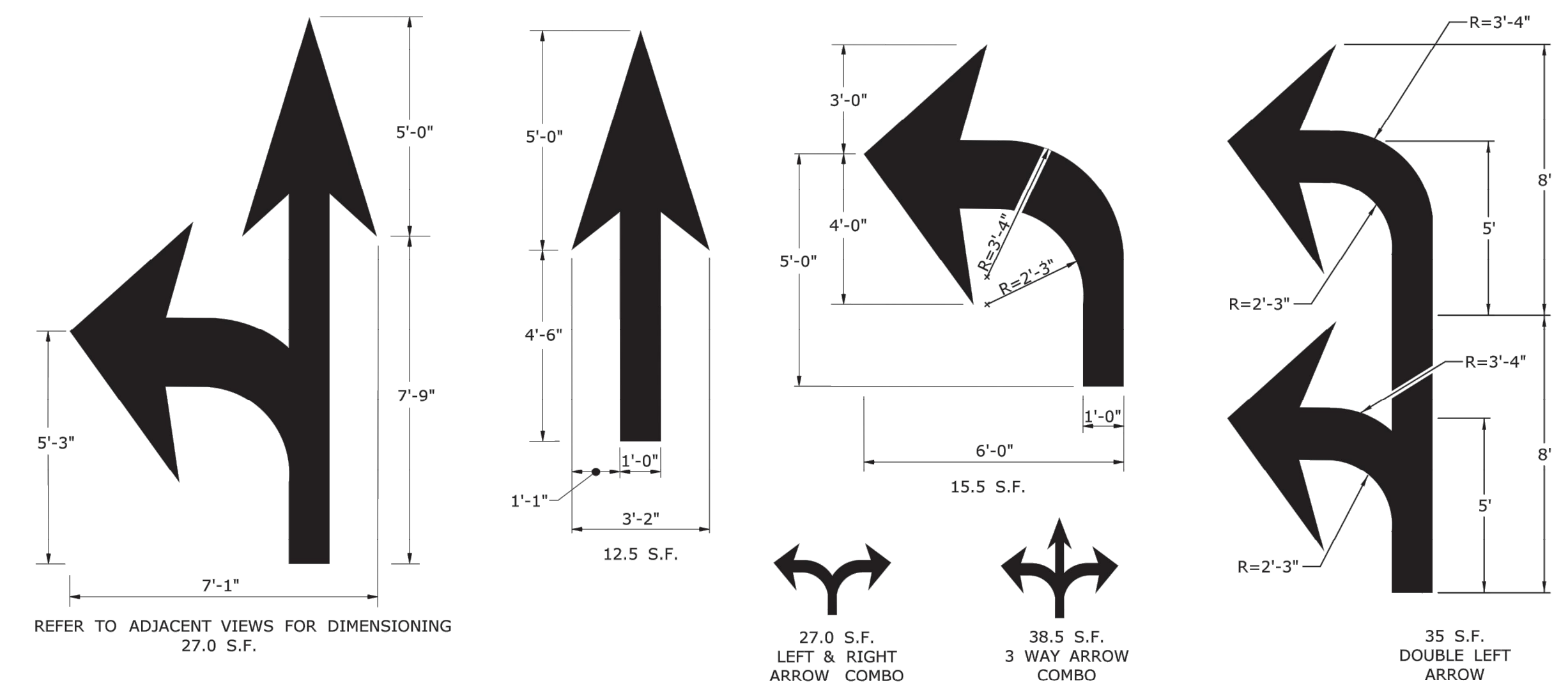
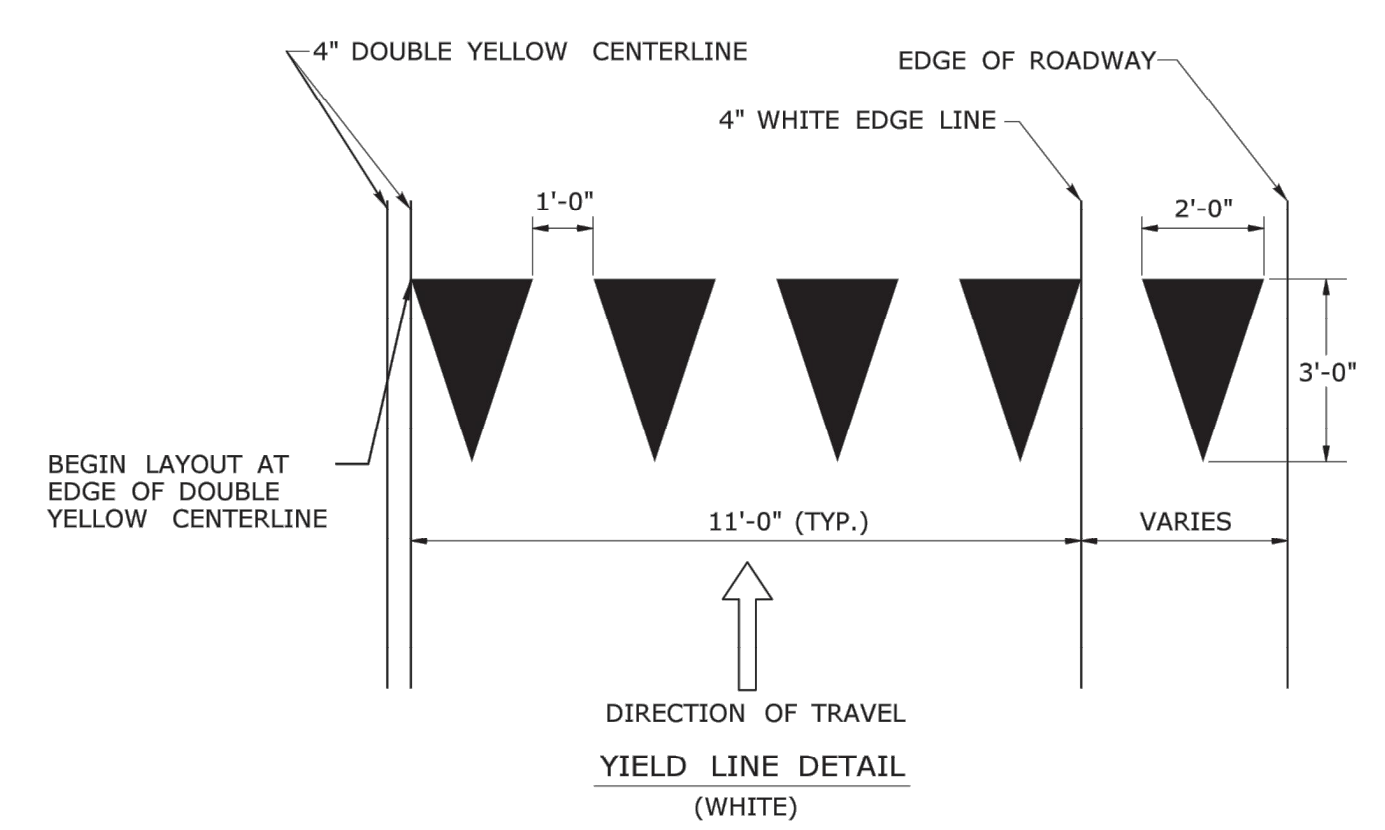
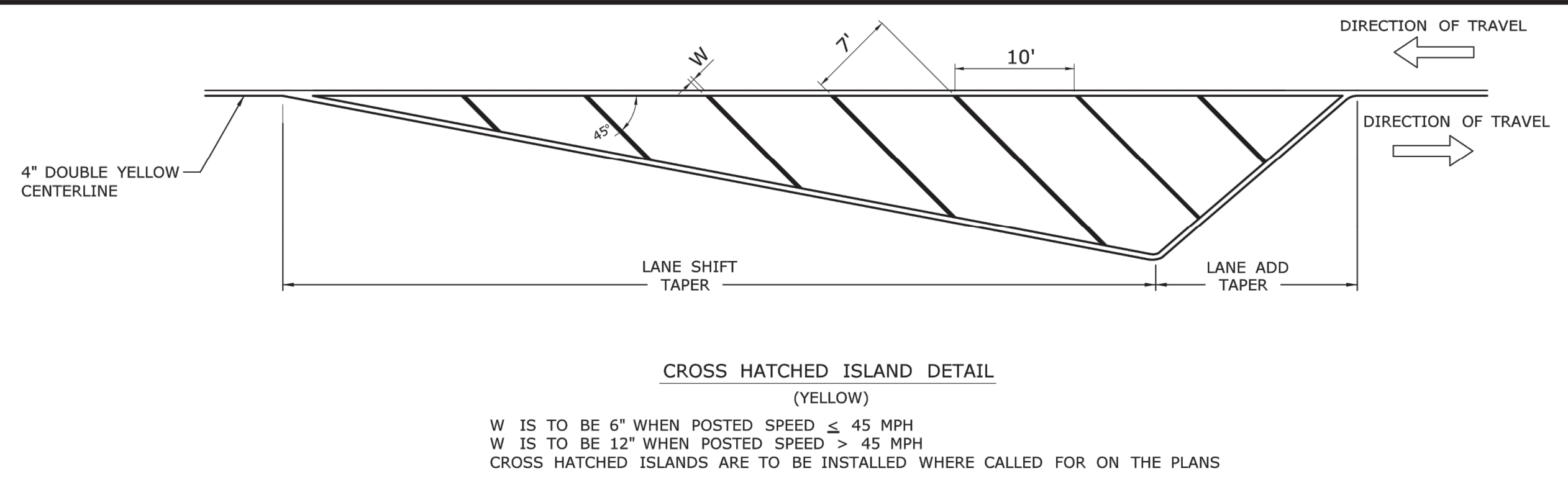
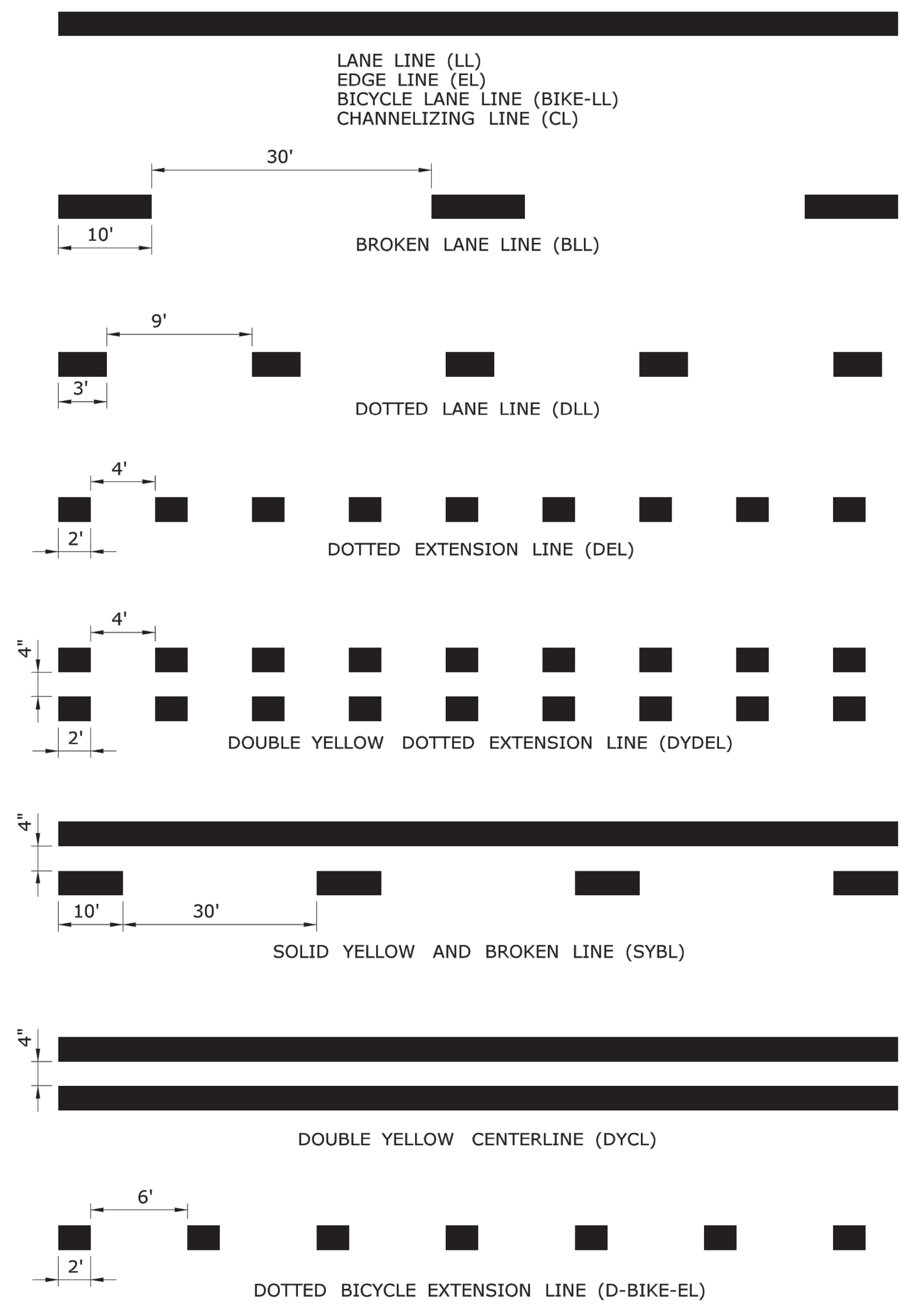
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Date	5/29/2024
Scale	1"=30'
Job No.	1419
Drawing No.	19-10





- NOTES :
1. AREA OF PAVEMENT MARKINGS AS INDICATED IS APPROXIMATE.
  2. RIGHT TURN PAVEMENT MARKING ARROWS ARE MIRROR IMAGE OF LEFT TURN PAVEMENT MARKING ARROWS.

REV.	DATE	REVISION DESCRIPTION
1	8-2018	REMOVED ROUNDABOUT MARKINGS.

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: 8/10/2018

NOT TO SCALE

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DEPARTMENT OF TRANSPORTATION

Filename: TR-1210\_04.dgn Model: CT-Civil-2D-Sheet

SUBMITTED BY: NAME/DATE/TIME:  
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2018.08.17 09:07:44-04'00'

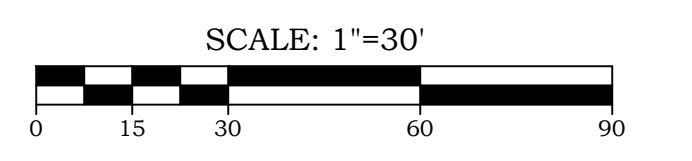
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Mark F. Carfino, P.E.  
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CTDOT  
STANDARD SHEET  
OFFICE OF ENGINEERING

STANDARD SHEET TITLE:  
**PAVEMENT MARKING LINES AND SYMBOLS**

STANDARD SHEET NO.:  
**TR-1210\_04**

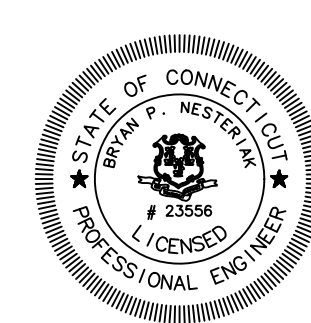
No.	Date	REVISION DESCRIPTION
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CONSTRUCTION NOTES AND DETAILS XI  
OF  
TOWN CAMPUS SIDEWALK CONNECTIONS  
PREPARED FOR  
TOWN OF EAST GRANBY  
9 CENTER STREET  
EAST GRANBY, CONNECTICUT 06026



DRAWING LIST

DRAWING #	DRAWING NAME
01-01	COVER SHEET
03-01	EXISTING CONDITIONS PLANS
11-01	SITE LAYOUT PLANS
12-01	GRADING PLANS
18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

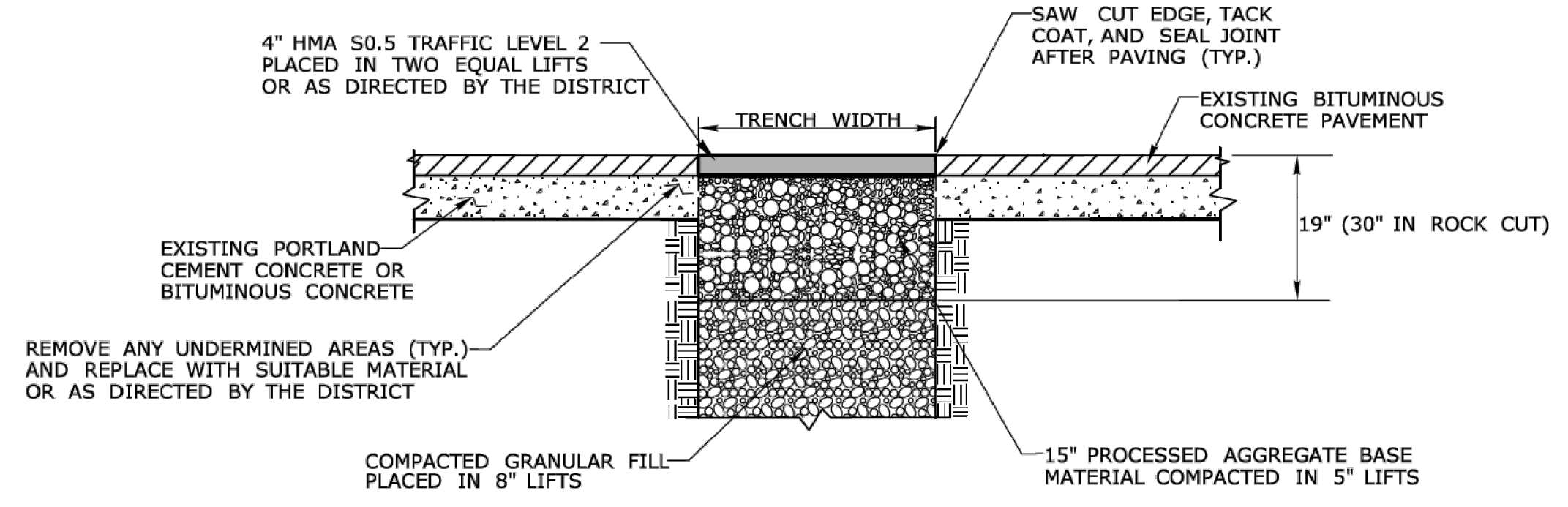
TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

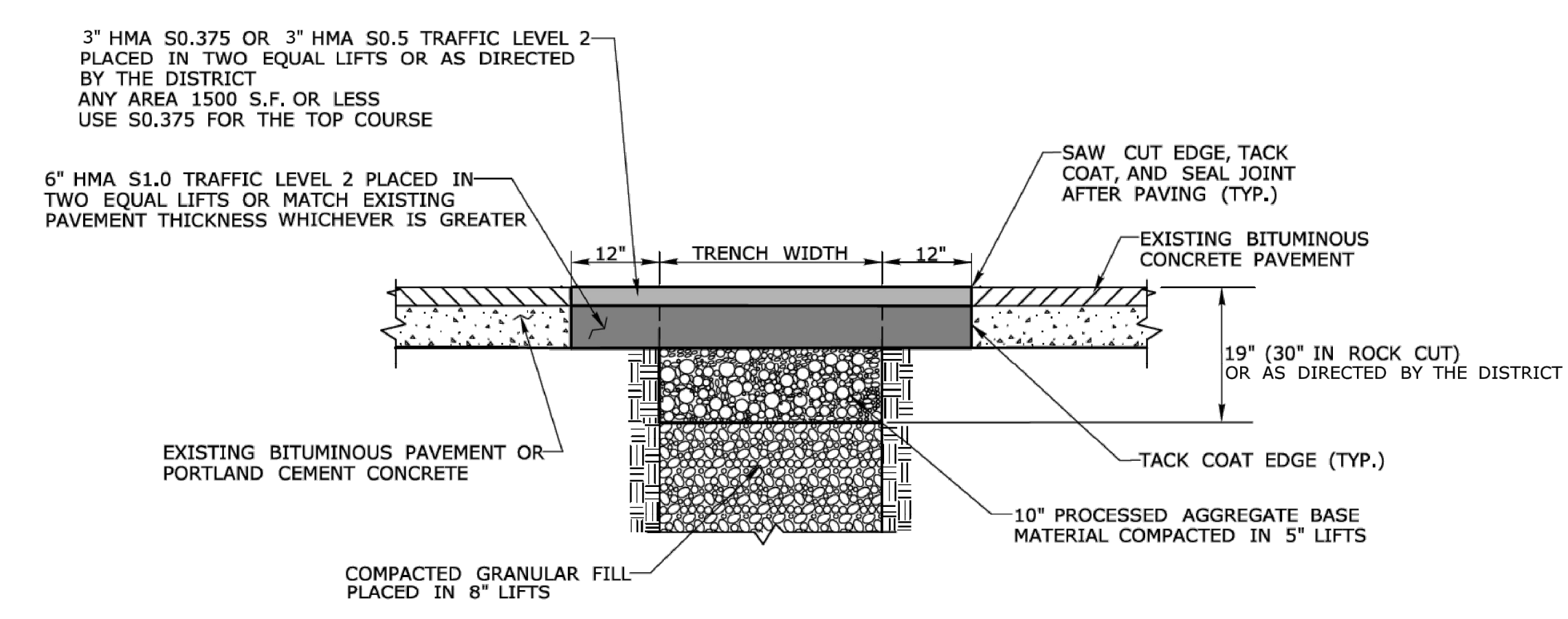
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Job No. 1419  
Drawing No. 19-11

TOWN CAMPUS SIDEWALK CONNECTION, EAST GRANBY, CONNECTICUT

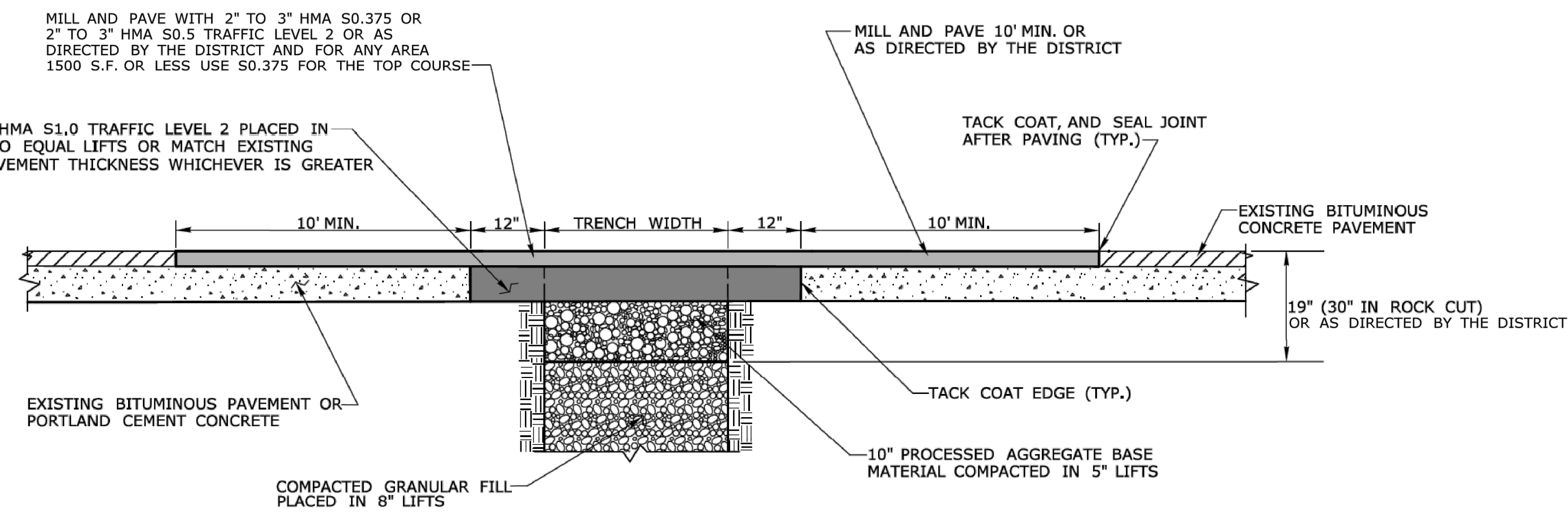




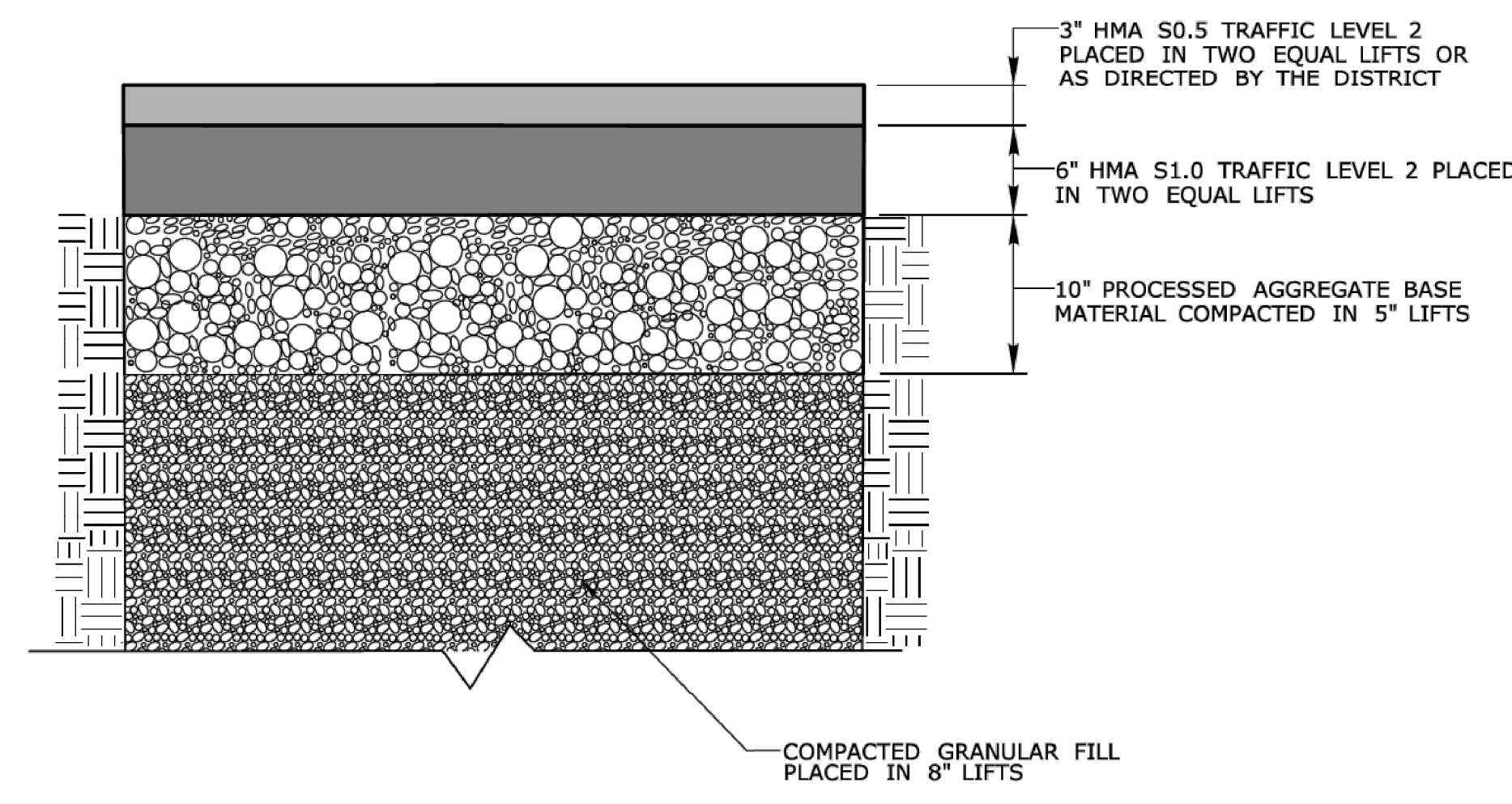
**TEMPORARY PAVEMENT REPAIR FOR TRENCH THROUGH OVERLAID PORTLAND CEMENT CONCRETE OR BITUMINOUS CONCRETE PAVEMENT**



**PERMANENT PAVEMENT REPAIR WITHOUT MILLING - THROUGH PORTLAND CEMENT CONCRETE OR BITUMINOUS CONCRETE PAVEMENT**



**PERMANENT PAVEMENT REPAIR WITH MILLING**



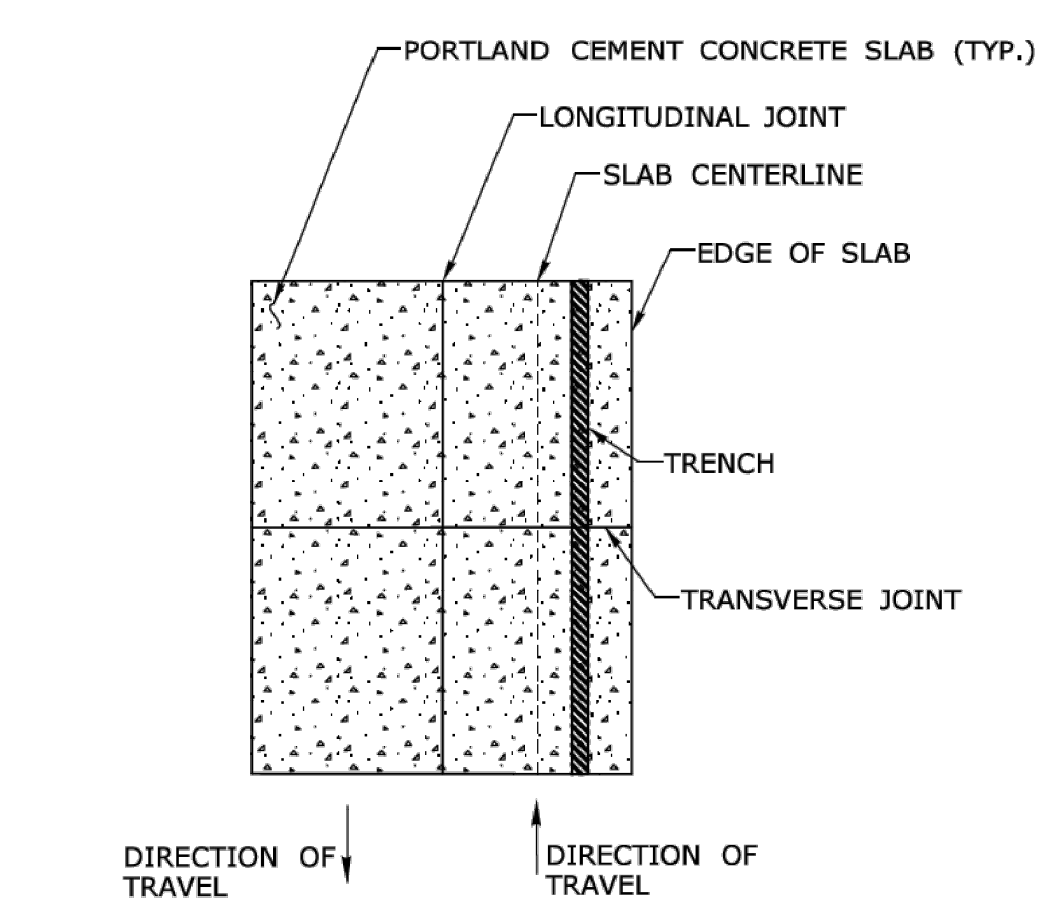
**ROADWAY PROFILE**

**GENERAL NOTES:**

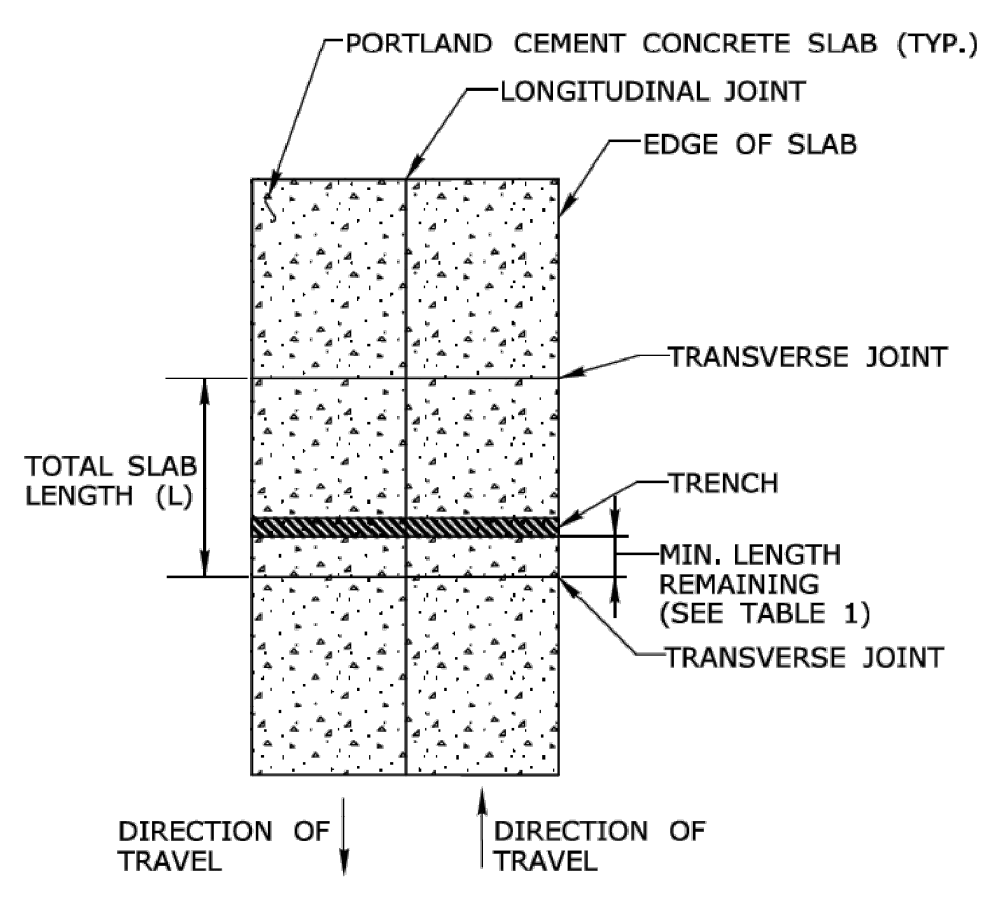
- LONGITUDINAL TRENCHING FOR JOINTED CONCRETE PAVEMENT:
  - IF THE LONGITUDINAL TRENCH FALLS BETWEEN THE SLAB CENTERLINE AND THE EDGE OF SLAB, REMOVE CONCRETE AND BITUMINOUS CONCRETE PAVEMENT FROM THE TRENCH EDGE TO THE EDGE OF ROAD. IF THE LONGITUDINAL TRENCH FALLS BETWEEN THE LONGITUDINAL JOINT AND THE SLAB CENTERLINE, REMOVE THE ENTIRE CONCRETE SLAB AND BITUMINOUS CONCRETE PAVEMENT TO THE EDGE OF ROAD. IN EITHER CASE REBUILD WITH THE FOLLOWING:
    - PLACE HMA S1.0 TRAFFIC LEVEL 2 IN TWO EQUAL 4" - 5" LIFTS TO MATCH EXISTING CONCRETE PAVEMENT THICKNESS.
    - PLACE HMA S0.5 TRAFFIC LEVEL 2 IN 2" - 3" LIFTS TO MATCH EXISTING BITUMINOUS CONCRETE PAVEMENT THICKNESS, WITH THE FINAL LIFT BEING 2"
- TRANSVERSE TRENCHING FOR JOINTED CONCRETE PAVEMENT:
 

TABLE 1	
TOTAL SLAB LENGTH (L)	MIN. LENGTH REMAINING
40' OR LONGER	1/4 L
15' - 40'	10'
15' OR SHORTER	REBUILD TO NEAREST JOINT

  - FOR TRANSVERSE TRENCHES, THE MINIMUM SLAB LENGTH AS SHOWN IN TABLE 1 SHALL BE LEFT IN PLACE TO THE NEAREST TRANSVERSE JOINT. IF THIS CRITERIA CANNOT BE MET, THE EXISTING SLAB AREA FROM THE TRENCH EDGE TO THE NEAREST TRANSVERSE JOINT SHALL BE REMOVED AND REBUILT AS FOLLOWS:
    - PLACE HMA S1.0 TRAFFIC LEVEL 2 IN TWO EQUAL 4" - 5" LIFTS TO MATCH EXISTING CONCRETE PAVEMENT THICKNESS.
    - PLACE HMA S0.5 TRAFFIC LEVEL 2 IN 2" - 3" LIFTS TO MATCH EXISTING BITUMINOUS CONCRETE PAVEMENT THICKNESS, WITH THE FINAL LIFT BEING 2"

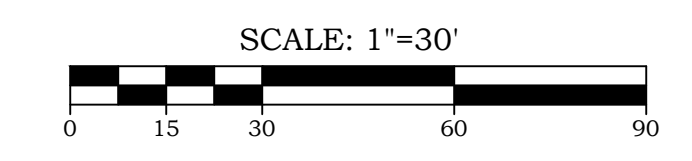


**LONGITUDINAL TRENCHING FOR JOINTED CONCRETE PAVEMENT (SEE NOTE 1)**



**TRANSVERSE TRENCHING FOR JOINTED CONCRETE PAVEMENT (SEE NOTE 2)**

No.	Date	REVISION DESCRIPTION
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1.	11/19/2024	REVISED PER STATE DOT COMMENTS



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DRAWN BY:	<b>MS</b>
CHECKED BY:	<b>EL</b>
NO SCALE	

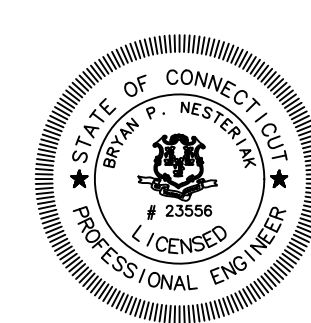
**HIGHWAY OPERATIONS**

**OFFICE OF MAINTENANCE OPERATIONS  
SPECIAL SERVICES AND PLANNING**

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**

**ENCROACHMENT PERMIT - PAVEMENT REPAIR**

**CONSTRUCTION NOTES AND DETAILS XII**  
 OF  
**TOWN CAMPUS SIDEWALK CONNECTIONS**  
 PREPARED FOR  
**TOWN OF EAST GRANBY**  
 9 CENTER STREET  
 EAST GRANBY, CONNECTICUT 06026



**DRAWING LIST**

DRAWING #	DRAWING NAME
01-01	COVER SHEET
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12-01	EXISTING CONDITIONS PLANS
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18-01	SOIL EROSION & SEDIMENT CONTROL PLAN
19-01	CONSTRUCTION NOTES & DETAILS

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Date: 5/29/2024  
 Scale: 1"=30'  
 Job No.: 1419  
 Drawing No.: 19-12

BRYAN P. NESTERIAK, CT. P.E., L.S. 23556

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