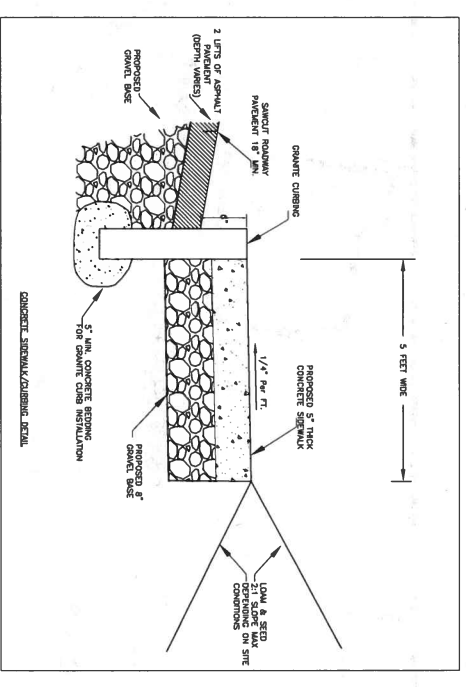
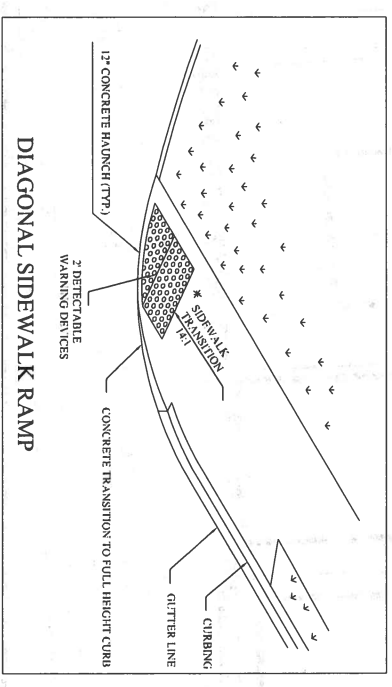
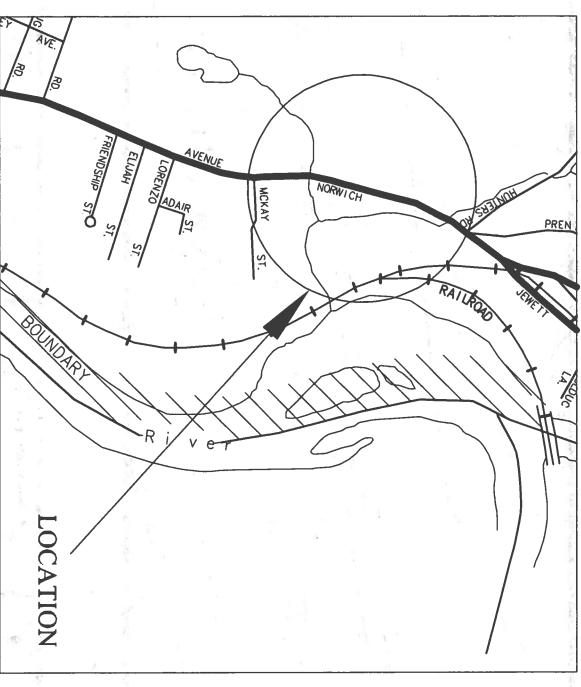
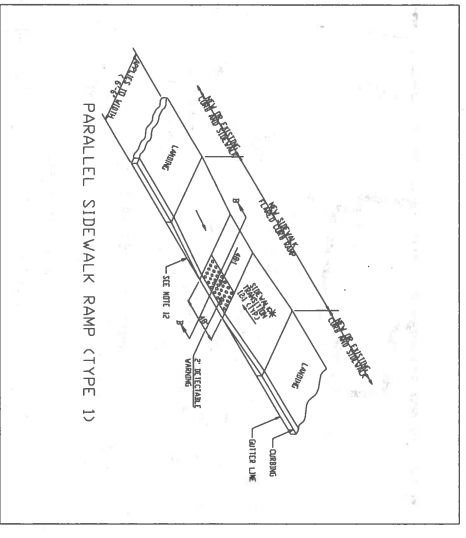
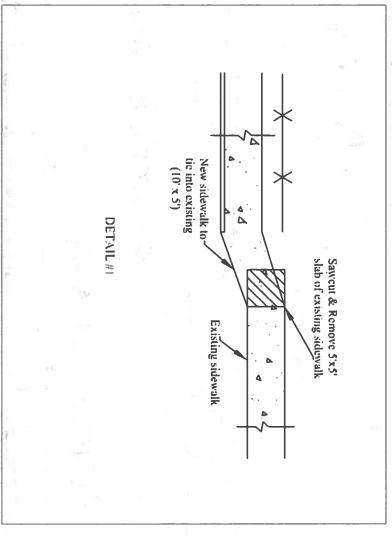
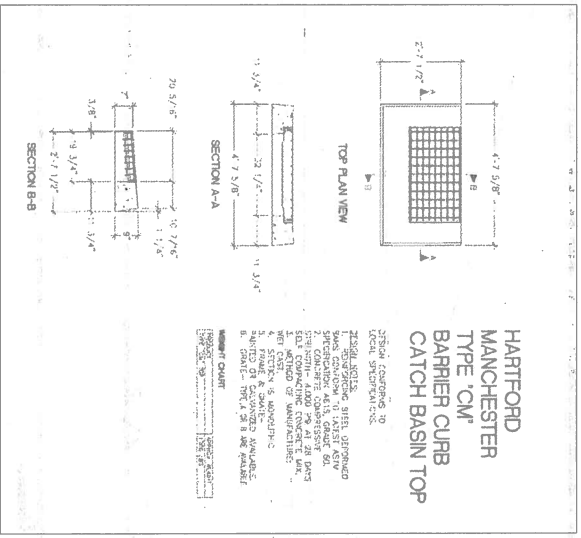
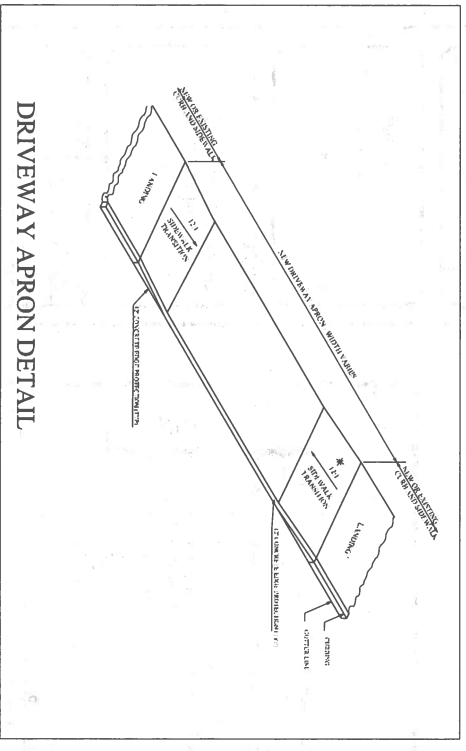


SITE CONSTRUCTION NOTES

1. No pre-bid conference is planned on this project. DPW will mark the construction limits with white spray paint when the bid is awarded.
2. The contractor shall notify "Call Before You Dig" at 1-800-322-4455 at least one week prior to commencing any site excavation.
3. The contractor shall coordinate all activities with the property owners prior to commencing any demolition or construction work.
4. The contractor shall coordinate work with the Norwich Public Utilities, Water and Gas Divisions to ensure that existing valve boxes are adjusted properly to grade and are properly aligned before pouring new sidewalks.
5. The contractor shall have 45 days from the date of the bid to proceed to complete the work. Failure to complete this work within the allotted time will result in \$200.00 liquidated damages charges for every calendar day beyond this date until such time that the work is complete.
6. Quantities and lengths on this plan are approximate. Payment will be determined by actual field measurements by the Engineer. Sidewalk widths made wider than the width specified on the plan will not be paid for unless approved by the Engineer.
7. The contractor shall be responsible for providing safe traffic control in accordance with the Manual of Uniform Traffic Control Devices and the Specifications. The contractor shall supply and install all necessary traffic barricades, cones, signage, and uniformed traffic control, at the contractor's expense to ensure the safety and well-being of the general public, private property owners and all vehicular and pedestrian traffic.
8. The contractor shall be responsible for maintaining a clean work area during and after each workday. No debris or other construction materials shall be left within the public way at the end of the workday.
10. No excavations, trenches, holes or underground structures shall be left open overnight. Any such excavations shall be adequately backfilled or securely closed at the end of each workday.
11. All excavated materials shall be properly disposed of, by the contractor, at the contractor's expense, to an approved off-site location.
12. All paving and excavation work shall be in accordance with the State of Connecticut DOT standard specifications for roads, bridges and incidental construction, Form 817.
13. All graded surfaces shall be graded such that positive gravity drainage occurs from all surface points. No ponding or "bird baths" shall be permitted anywhere within the new walkway or gutlines.
14. All curb lines shall follow the layout on the Plans. A 6" curb reveal is preferred whenever possible. However, due to existing elevations and sidewalk grades, a lesser curb reveal (down to 3") may be accepted at certain locations. The Engineer must approve all curb reveals less than 5 inches prior to installation.
15. The contractor shall protect newly poured sidewalk from any damage caused by vandalism. The City will reject any slabs that have been damaged prior to the concrete sufficiently setting. Such slabs must be removed and satisfactorily replaced at the contractor's expense. The contractor is encouraged to only pour concrete in the a.m. hours.
16. The basis of award for the project will be to the lowest qualified bidder.

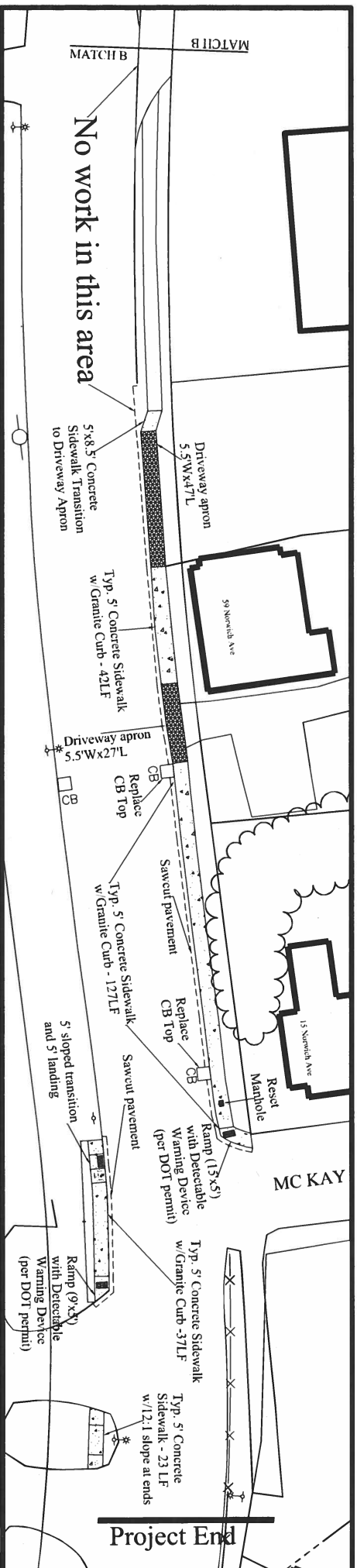
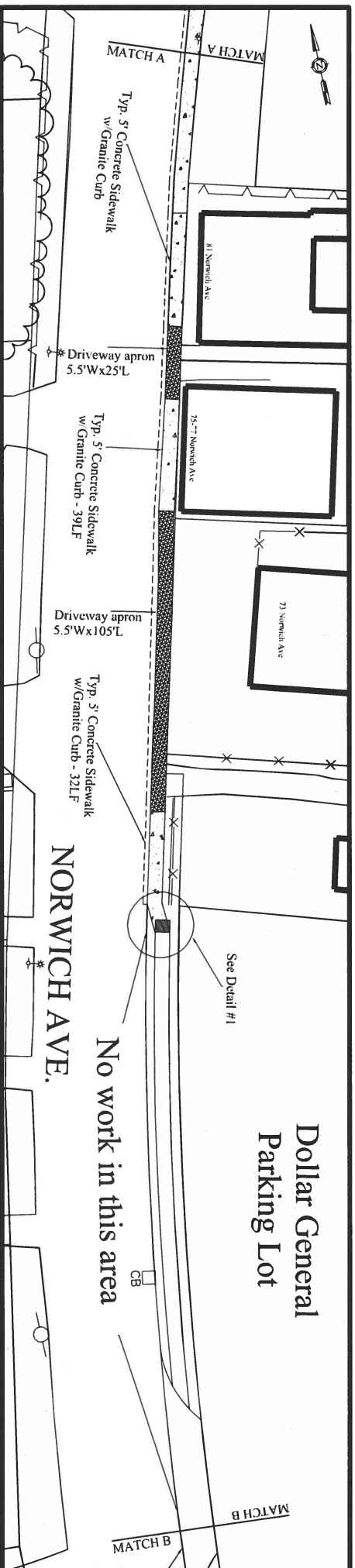
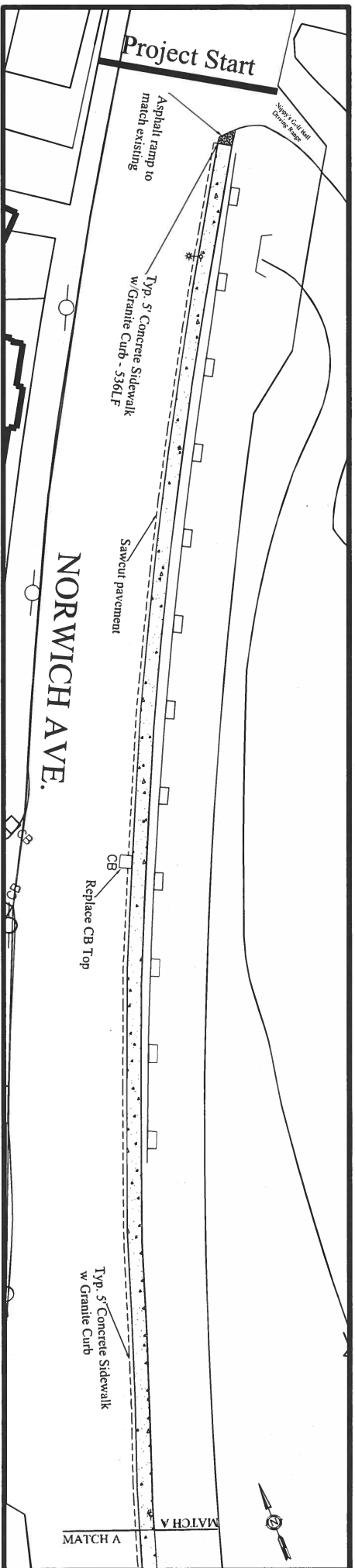


No.	Revision/Issue	Date

CITY OF NORWICH
PUBLIC WORKS DEPARTMENT
50 CLINTON AVENUE, NORWICH CT 06340

Project Name and Address
Greenville Sidewalk
Project 2019 - CDBG

Project Bid No.: 7611	Sheet 1 OF 2
Date 01/23/19	
Scale NTS	



General Notes

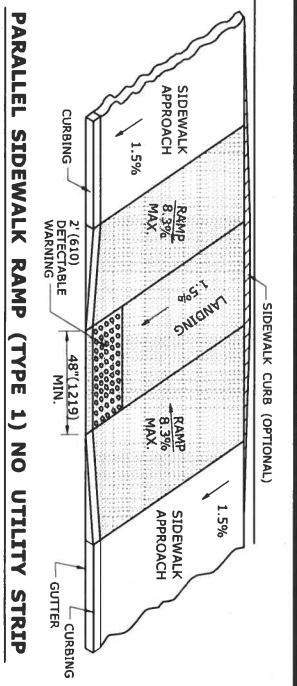


No.	Revision/Issue	Date

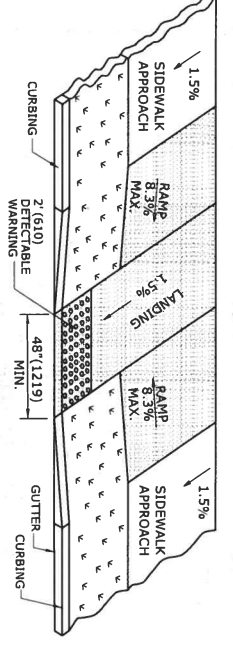
CITY OF NORWICH
PUBLIC WORKS DEPARTMENT
50 CLINTON AVENUE, NORWICH, CT 06340

Project Name and Address
Greenville Sidewalk
Project 2019 - CDBG

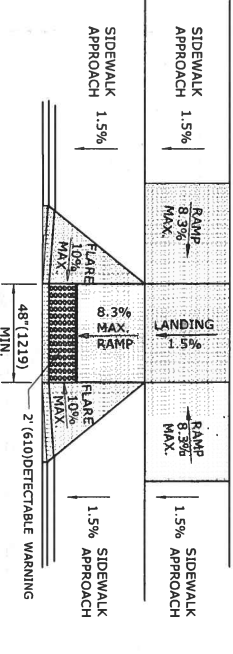
Project Bid No.: 7611	Sheet
Date: 01/23/19	2 OF 2
Scale: 1"=20'	



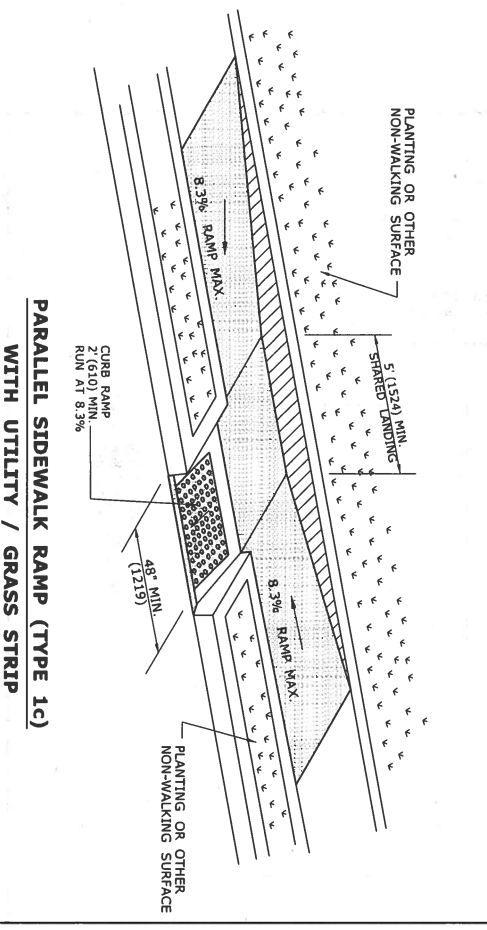
PARALLEL SIDEWALK RAMP (TYPE 1) NO UTILITY STRIP



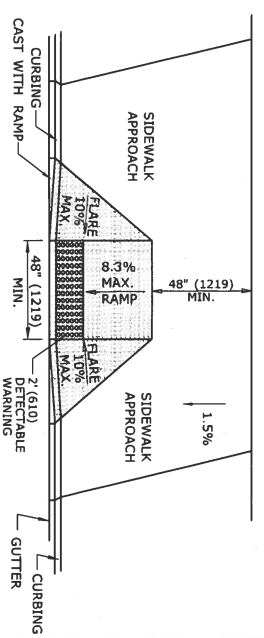
PARALLEL SIDEWALK RAMP (TYPE 1a)
WITH UTILITY / GRASS STRIP



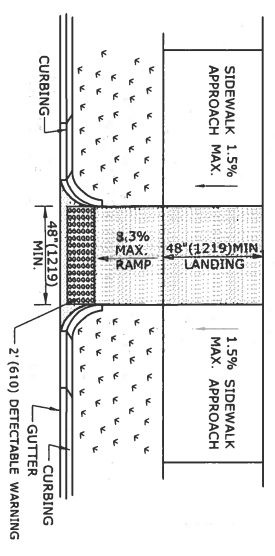
PARALLEL/PERPENDICULAR SIDEWALK RAMP
NO UTILITY/GRASS STRIP (TYPE 1b)



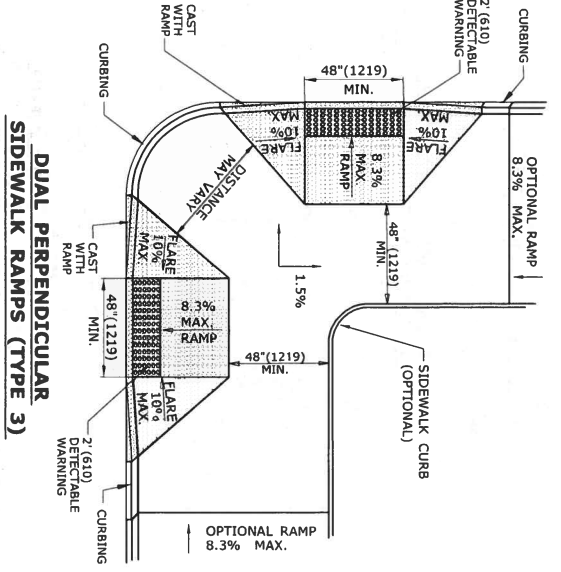
PARALLEL SIDEWALK RAMP (TYPE 1c)
WITH UTILITY / GRASS STRIP



PERPENDICULAR SIDEWALK RAMP
W/ 48" (1219) MIN. BY PASS LANDING (TYPE 2)



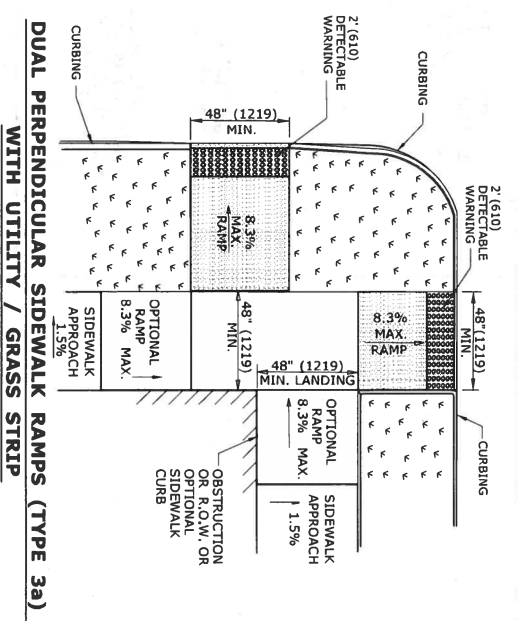
PERPENDICULAR SIDEWALK RAMP
W/CURB RETURN / UTILITY GRASS STRIP (TYPE 2a)



DUAL PERPENDICULAR
SIDEWALK RAMP (TYPE 3)

GENERAL NOTES:

1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR PEDESTRIAN ACCESS PATH SHOULD NOT EXCEED 5%. THE MAXIMUM GRADE DIFFERENCE BETWEEN THE GUTTER AND CURB RAMP SHALL NOT EXCEED 13%. SEE DETAIL 1 ON SHEET 2.
2. RAMP SLOPE SHALL BE UNIFORM, FREE OF SAGS AND ABRUPT GRADE CHANGES. RUNNING SLOPES OF RAMPS SHALL SPECIFICATIONS.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS.
4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE OF ALL SIDEWALK RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. SURFACE DISCONTINUITIES SHALL NOT EXCEED 1/8" (3.2) MAX. VERTICAL DISCONTINUITIES BETWEEN 1/2" (12.7) AND 1" (25.4) MAX. SHALL BE BEVELED 1:2 MINIMUM.
5. ANY FLARED SIDES DIAGONAL AND PERPENDICULAR RAMPS MUST HAVE THE RAMP CUT PERPENDICULAR TO THE TANGENT OF THE CURB RADIUS FOR THE DESIGNATED ACCESSIBLE ROUTE. BOTH LONGITUDINAL SIDES OF THE RAMP SHOULD BE THE SAME LENGTH. SKEWED RAMPS SHOULD BE AVOIDED. FLARES ARE NOT CONSIDERED PART OF PEDESTRIAN ACCESS ROUTE.
6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION JOINT OR JOINTS. SIDEWALK SHALL BE USED TO REMOVE SIDEWALK SHALL NOT BE FURTHER THAN 2' (610) FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMPHY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK".
7. EXPANSION JOINTS IN CONCRETE SHALL EXCEED 12' (3658) UNLESS OTHERWISE NOTED.
8. BETWEEN EXPANSION JOINTS SHALL BE PAID FOR UNDER THE ITEM "CONCRETE SIDEWALK", INCLUDING DETECTABLE WARNING STRIP.
9. SIDEWALK RAMPS SHALL BE CONSTRUCTED WITH THE TOE AT THE GUTTER CAST IN PLACE UNLESS DIRECTED OTHERWISE BY THE ENGINEER (SEE TYPICALS SECTION ON SHEET 2). FLARES FOR PERPENDICULAR RAMPS UP TO THE GUTTER SHALL ALSO BE CAST IN PLACE CURBING ADJACENT TO OR TRANSITIONING FROM RAMP OR FLARES MAY VARY. CURBING OUTSIDE LIMITS OF RAMP SHOWN ON SHEET TWO SHALL BE CONSTRUCTED AND PAID FOR IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATION.
10. THE RAMP SHALL BE INSTALLED AT A MINIMUM OF 5' (1524) FROM THE EDGE OF ROAD ALONG THE ENTIRE LENGTH OF THE RAMP. THE RAMP SHALL BE INSTALLED 6" (152) FROM THE EDGE OF ROAD ALONG THE ENTIRE LENGTH OF THE RAMP. THE RAMP SHALL BE INSTALLED AT A MINIMUM OF 5' (1524) FROM THE EDGE OF ROAD ALONG THE ENTIRE LENGTH OF THE RAMP. THE RAMP SHALL BE INSTALLED AT A MINIMUM OF 5' (1524) FROM THE EDGE OF ROAD ALONG THE ENTIRE LENGTH OF THE RAMP.
11. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN BOMBS, ALIGN DOMES ON A SQUARE GRID IN THE DIRECTION OF RUNNING SLOPE (PERPENDICULAR TO CURB OR SLOPE BREAK). THE TRANSITION FROM RAMP TO GUTTER MUST BE CONSTRUCTED WITH A MINIMUM OF 2' (610) MINIMUM.
12. FOR SIDEWALKS CONTINUOUS THROUGH DRIVEWAYS RAMPS AND DETECTABLE WARNING SURFACES ARE NOT REQUIRED. CONSTRUCT A SIDEWALK CURB BEHIND THE SIDEWALK WHEN THERE IS INSUFFICIENT BUFFER AVAILABLE OR WHEN CALLED FOR IN PLANS. SIDEWALK CURB SHALL BE PAID FOR AS PART OF THE ITEM "CONCRETE SIDEWALK RAMP" OR "CONCRETE SIDEWALK".
13. THE TOP AND BOTTOM SHOULD BE PROVIDED WITH A 4" x 4" (1219 x 1219) MINIMUM LEVEL LANDING AREA WITH A CROSS SLOPE LESS THAN EQUAL TO 2% IN ANY DIRECTION. DIAGONAL RAMPS SHOULD NOT BE CONSTRUCTED.
14. UTILITY POLES, LUMINAIRES, PEDESTRIAN OR SIGNAL POLES, ACCESS COVERS AND OTHER APPURTENANCES SHALL NOT BE LOCATED ON RAMPS, LANDINGS, BLENDED TRANSITIONS, FLARES, AND GUTTERS WITHIN THE PEDESTRIAN ACCESS ROUTE.
15. APPROACH SIDEWALK AND LANDING MUST NOT BE EXCEEDED 2%.
16. APPROACH SIDEWALK WIDTHS, GRASS STRIP OR UTILITY STRIP WIDTHS MAY VARY.
17. APPROACH SIDEWALK AND LANDING MUST NOT BE EXCEEDED 2%.



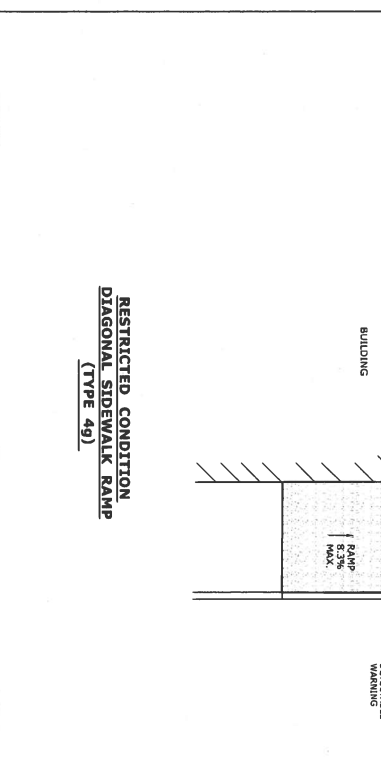
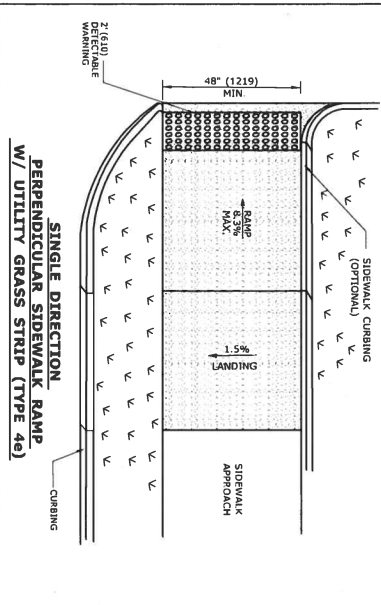
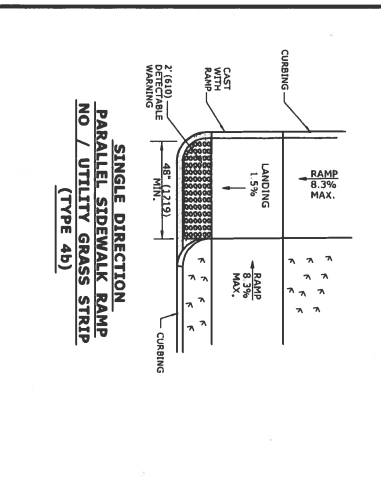
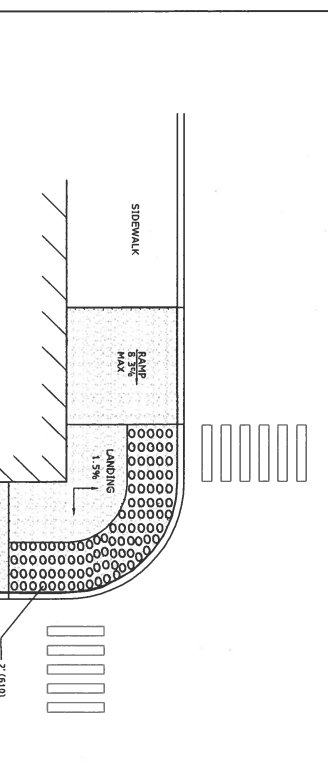
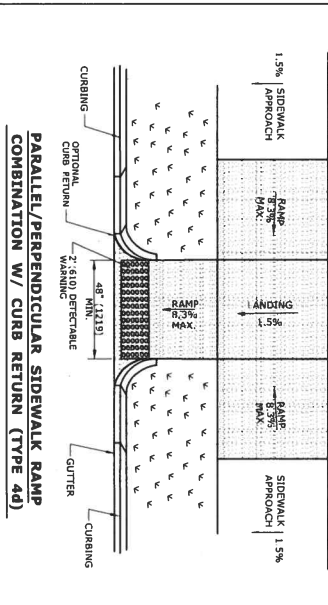
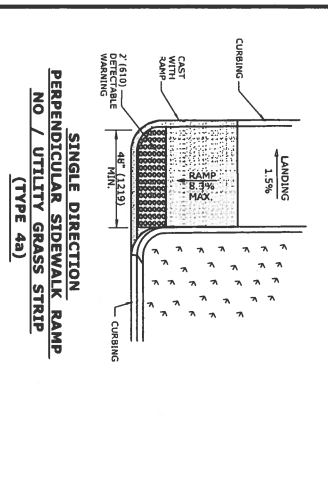
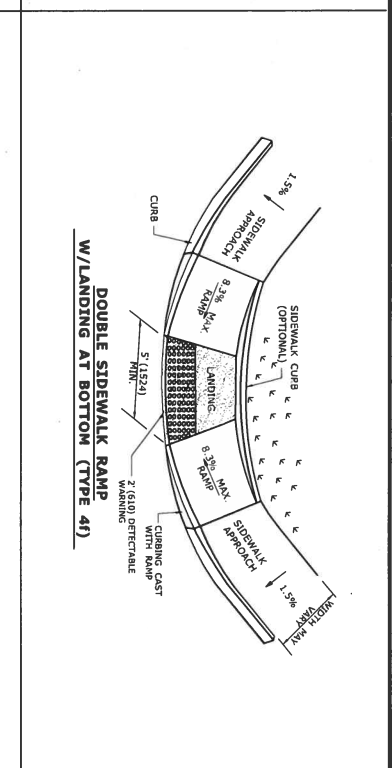
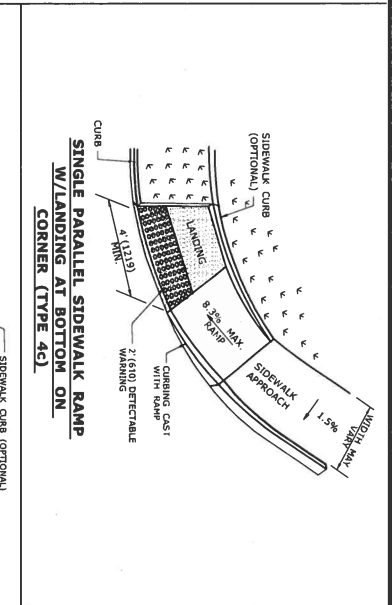
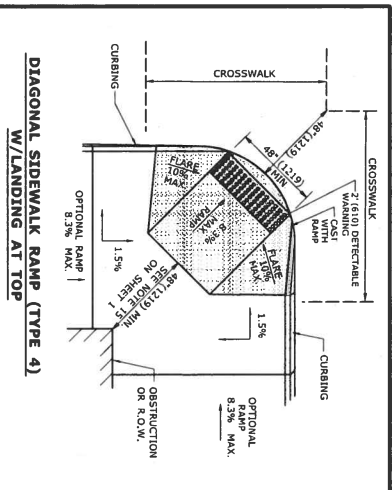
DUAL PERPENDICULAR SIDEWALK RAMP (TYPE 3a)
WITH UTILITY / GRASS STRIP

REV. DATE	REVISION DESCRIPTION	SHEET NO.	REVISION DESCRIPTION	SHEET NO.
-	-	-	-	-
-	-	-	-	-
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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

OFFICE OF ENGINEERING

SHEET NO. 1
SIDEWALK RAMPS
SHEET 1



REVISION	DESCRIPTION	SHEET NO.	TOTAL SHEETS
1	ISSUED FOR PERMIT	2	2
2	REVISED PER COMMENTS	2	2
3	REVISED PER COMMENTS	2	2
4	REVISED PER COMMENTS	2	2
5	REVISED PER COMMENTS	2	2
6	REVISED PER COMMENTS	2	2
7	REVISED PER COMMENTS	2	2
8	REVISED PER COMMENTS	2	2
9	REVISED PER COMMENTS	2	2
10	REVISED PER COMMENTS	2	2

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION OFFICE OF ENGINEERING
 SCALE IN FEET: 1" = 10'-0"
 SHEET TITLE: SIDEWALK RAMP SHEET 2
 PROJECT NO.: 723-203