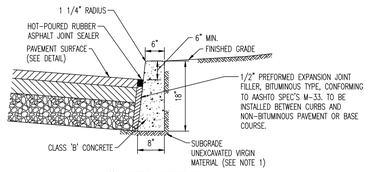
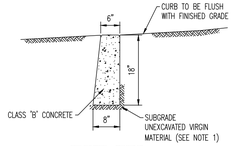


6" CURB REVEAL



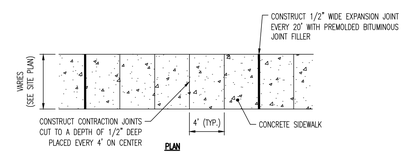
FLUSH CURB

NOTES:

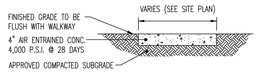
1. ANY EXCAVATION BELOW DESIRED GRADE DUE TO OVER EXCAVATION OR WET SOIL CONDITIONS SHALL BE BACKFILLED WITH 3/4" CLEAN CRUSHED STONE. ALL SUBGRADES SHALL BE APPROVED BY THE TOWNSHIP ENGINEER PRIOR TO POURING.
2. TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20'-0" APART AND SHALL BE FILLED WITH PREFORMED, BITUMINOUS-IMPREGNATED FIBER JOINT FILLER, COMPLYING WITH THE REQUIREMENTS OF AASHTOM-213, RECESSED 1/4" FROM THE FRONT FACE AND TOP OF THE CURB.
3. DUMMY JOINTS (FORMED) SHALL BE INSTALLED MIDWAY BETWEEN EXPANSION JOINTS.
4. WIDTH OF JOINT FILLER STRIP EQUAL TO THE THICKNESS OF THE PAVEMENT LESS 1/2".
5. THESE SPECIFICATIONS ALSO MEET RSIS DESIGN STANDARDS.

CONCRETE CURB DETAIL

NOT TO SCALE



PLAN



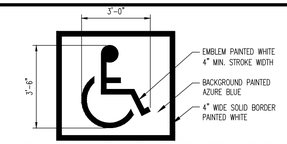
SECTION

NOTE:

1. MAX. CROSS SLOPE 1/4" PER FOOT PITCHED TOWARDS ROADWAY.
2. PROVIDE 1/2" WIDE PREMOLDED BITUMINOUS EXPANSION JOINT AT 20' INTERVALS.
3. REFER TO SITE PLAN FOR SIDEWALK WIDTH.
4. PROVIDE A BROOM FINISH TO PROVIDE A SLIP RESISTANT WEARING SURFACE IN ACCORDANCE WITH A.D.A. REGULATIONS. FINISH THE EDGES OF THE GROOVES USING AN EDGING TOOL WITH A 1/4" RADIUS.

SIDEWALK DETAIL

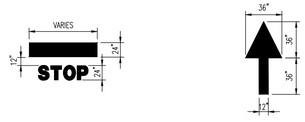
NOT TO SCALE



NOTE: ALL PAVEMENT STRIPING, MARKINGS & APPLICABLE SIGNAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST A.D.A. ACCESSIBILITY GUIDELINES.

PAINTED A.D.A. PARKING SYMBOL DETAIL

NOT TO SCALE

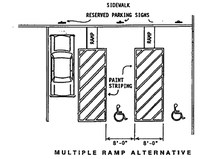


NOTE: ARROWS AND WORDS CAN BE ARRANGED IN OTHER COMBINATIONS THAN THOSE ILLUSTRATED HERE TO ACHIEVE DESIRED RESULT. ALL PAINT TO BE THERMOPLASTIC.

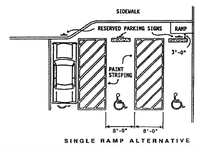
PAINTED MARKING DETAILS

NOT TO SCALE

Attachment N
Village of Suffern
Handicapped Parking Space Design Standards



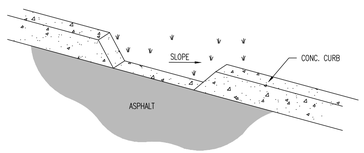
MULTIPLE RAMP ALTERNATIVE



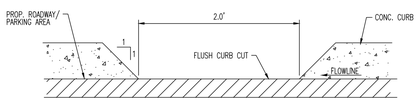
SINGLE RAMP ALTERNATIVE

ADA STALL MARKINGS

NOT TO SCALE



ISOMETRIC VIEW

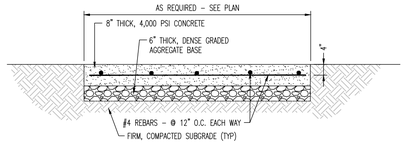


PROFILE VIEW

NOTE: SEE SITE PLAN FOR LOCATION & NUMBER OF CURB CUTS

TYPICAL CURB CUT TAPER DETAIL

NOT TO SCALE

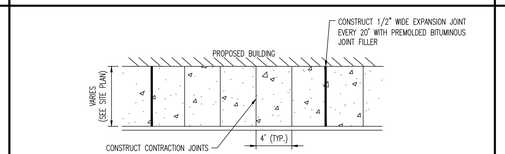


NOTES:

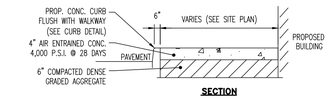
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
2. ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" TO WITHIN A TOLERANCE OF 1".
3. ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED, (6% WITHIN 1% TOLERANCE), CONFORMING TO ASTM C260.
4. REINFORCING STEEL BARS SHALL BE A MINIMUM ASTM A615, GRADE 60, AND SHALL BE FIELD WIRED IN PLACE.
5. ALL FRAMEWORK, AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND REGULATIONS, AS WELL AS THE ACI AND UNIFORM BUILDING CODE.
6. PROVIDE CONTRACTION JOINT SPACING NO GREATER THAN 15', ISOLATION/EXPANSION JOINTS AT STRUCTURES AND CONSTRUCTION JOINTS WHEN WORK IS INTERRUPTED, ALL AT REGULAR JOINT INTERVALS. JOINT PATTERNS SHOULD DIVIDE CONCRETE INTO APPROXIMATE SQUARE PANELS WITH LENGTHS NOT MORE THAN 125% OF WIDTH AND AVOID ACUTE ANGLES.

HEAVY DUTY CONCRETE PAD DETAIL

NOT TO SCALE



PLAN



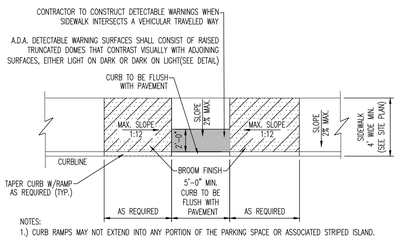
SECTION

NOTE:

1. MAX. CROSS SLOPE 1/4" PER FOOT PITCHED AWAY FROM BUILDING.
2. PROVIDE 1/2" WIDE PREMOLDED BITUMINOUS EXPANSION JOINT AT 20' INTERVALS.
3. REFER TO SITE PLAN FOR SIDEWALK WIDTH.
4. PROVIDE A BROOM FINISH TO PROVIDE A SLIP RESISTANT WEARING SURFACE IN ACCORDANCE WITH A.D.A. REGULATIONS. FINISH THE EDGES OF THE GROOVES USING AN EDGING TOOL WITH A 1/4" RADIUS.

CURB AND WALK DETAIL AT BUILDING

NOT TO SCALE



NOTES:

1.) CURB RAMPS MAY NOT EXTEND INTO ANY PORTION OF THE PARKING SPACE OR ASSOCIATED STRIPED ISLAND.

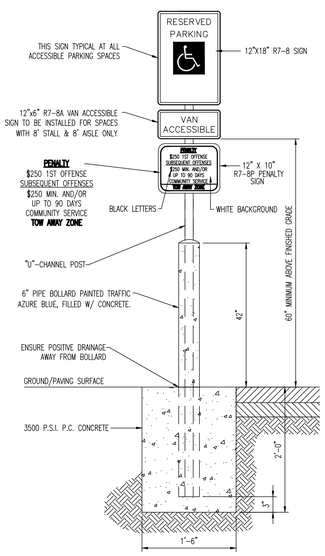
2.) COUNTER SLOPES OF ADJOINING GUTTERS AND PAVEMENT SHALL NOT BE STEEPER THAN 1:20 WITH A MAX. CROSS SLOPE OF 2%.

3. A LEVEL LANDING AREA(MAX. SLOPE 2% IN ANY DIRECTION) SHALL BE PROVIDED AT THE TOP OF THE RAMP. THE LANDING CLEAR LENGTH SHALL BE 36" MIN AND THE CLEAR WIDTH SHALL BE AS WIDE AS THE RAMP.

4.) CURB RAMPS, PAVEMENT MARKINGS & APPLICABLE SIGNAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST A.D.A. ACCESSIBILITY GUIDELINES.

A.D.A. PARALLEL CURB RAMP DETAIL

NOT TO SCALE



NOTES:

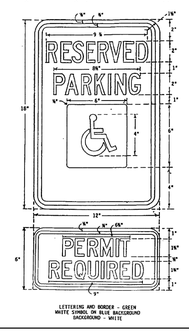
1.) IF AT THE TIME OF CONSTRUCTION THE STATE OF NEW YORK HAS APPROVED FINES/PENALTIES DIFFERENT THAN THOSE INDICATED ON THIS DETAIL, CONTRACTOR IS TO PROVIDE SIGNAGE INDICATING THE CURRENT FINES/PENALTIES AS APPROVED BY THE STATE OF NEW YORK.

2.) VAN ACCESSIBLE SIGN SHALL BE 60" MINIMUM ABOVE FINISHED GRADE WHERE APPLICABLE. WHEN VAN ACCESSIBLE IS NOT REQUIRED, R7-8 SIGN SHALL BE SET AT 60" MINIMUM ABOVE FINISHED GRADE.

A.D.A. PARKING SIGN ON BOLLARD DETAIL

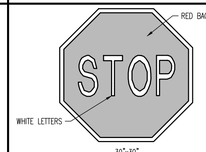
NOT TO SCALE

Attachment Q
Village of Suffern
Sign for Parking Space for the Handicapped



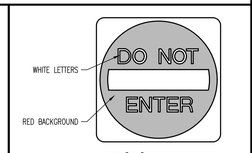
ADA PARKING SIGN

NOT TO SCALE



R1-1 SIGN DETAIL

NOT TO SCALE

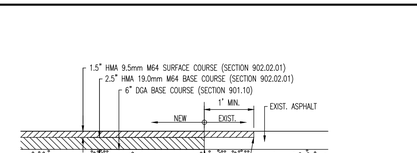


R5-1 SIGN DETAIL

NOT TO SCALE

NO LEFT TURN FOR TRUCKS DETAIL

NOT TO SCALE

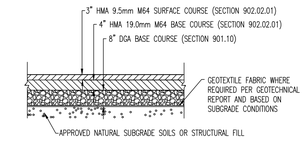


NOTES:

1. ALL PAVEMENT SECTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH NEW YORK DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR NEW YORK STATE.
2. OWNER SHALL CONTACT AND ENGAGE DYNAMIC EARTH, LLC. TO INSPECT AND TEST SUBGRADE SOILS. CONTRACTOR SHALL CONTACT DYNAMIC EARTH, LLC. AT (908) 879–7095 (WWW.DYNAMIC–EARTH.COM) AT ONSET OF CONSTRUCTION TO CONFIRM REQUIREMENTS AND COORDINATE INSPECTIONS.
3. SUBGRADE SOILS SHALL BE APPROVED BY DYNAMIC EARTH, LLC. APPROVED NATURAL SOILS SHALL BE COMPACTED AND PROOFROLLED WITH A LOADED TANDEM AXLE TRUCK TO A FIRM AND UNYIELDING CONDITION. UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL OR STABILIZED AS DIRECTED BY DYNAMIC EARTH, LLC. ANY STRUCTURAL FILL AT OR BELOW PAVEMENT SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM–D1557.
4. CONTRACTOR TO REFER TO GEOTECHNICAL REPORT FOR FINAL PAVEMENT SECTION DESCRIPTION.

STANDARD DUTY ASPHALT PAVEMENT DETAIL

NOT TO SCALE



NOTES:

1. ALL PAVEMENT SECTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH NEW YORK DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR NEW YORK STATE.
2. OWNER SHALL CONTACT AND ENGAGE DYNAMIC EARTH, LLC. TO INSPECT AND TEST SUBGRADE SOILS. CONTRACTOR SHALL CONTACT DYNAMIC EARTH, LLC. AT (908) 879–7095 (WWW.DYNAMIC–EARTH.COM) AT ONSET OF CONSTRUCTION TO CONFIRM REQUIREMENTS AND COORDINATE INSPECTIONS.
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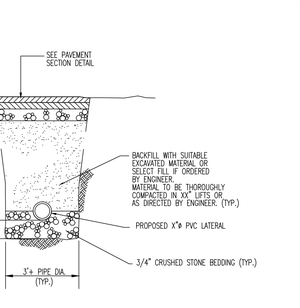
4. CONTRACTOR TO REFER TO GEOTECHNICAL REPORT FOR FINAL PAVEMENT SECTION DESCRIPTION.

HEAVY DUTY PAVEMENT SECTION

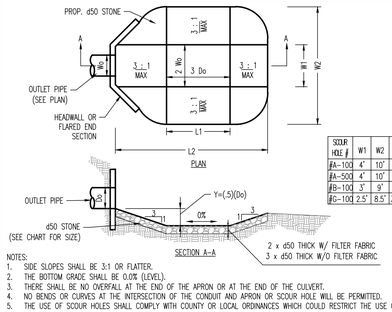
NOT TO SCALE



NOTE:
1. PAVEMENT SECTION TO MATCH, AT MINIMUM, ADJOINING PAVEMENT.
2. X" – SEE PLAN FOR PIPE DIAMETER.

SANITARY SEWER TRENCH DETAIL

NOT TO SCALE



SCOUR HOLE #	W1	W2	L1	L2	d50	Y	Do
#A–100	4'	10'	6'	12'	6"	1'	2'
#A–500	4'	10'	6'	12'	6"	1'	2'
#B–100	3'	9'	4.5'	10.5'	6"	0.75'	1.5'
#G–100	2.5'	8.5'	3.75'	9.75'	6"	0.625'	1.25'

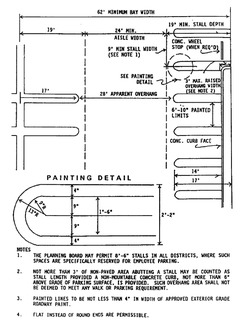
NOTES:

1. SIDE SLOPES SHALL BE 3:1 OR FLATTER.
2. THE BOTTOM GRADE SHALL BE 0.0% (LEVEL).
3. THERE SHALL BE NO OVERFALL AT THE END OF THE APRON OR AT THE END OF THE CULVERT.
4. NO BENDS OR CURVES AT THE INTERSECTION OF THE CONDUIT AND APRON OR SCOUR HOLE WILL BE PERMITTED.
5. THE USE OF SCOUR HOLES SHALL COMPLY WITH COUNTY OR LOCAL ORDINANCES WHICH COULD RESTRICT THE USE OF SUCH DEVICES DUE TO THE POSSIBLE PROBLEMS WITH MOSQUITO BREEDING.
6. FIFTY (50) PERCENT BY WEIGHT OF THE STONE MIXTURE SHALL BE SMALLER THAN THE MEDIAN SIZE STONE DESIGNATED AS D50. CONSTRUCTED ON A BEDDING OF FOUR (4) INCHES OF 3/4 INCH CLEAN STONE ON APPROVED FILTER FABRIC MATERIAL.
7. FILTER FABRIC SHALL MEET THE MINIMUM REQUIREMENTS SET FORTH NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

PREFORMED SCOUR HOLE DETAIL

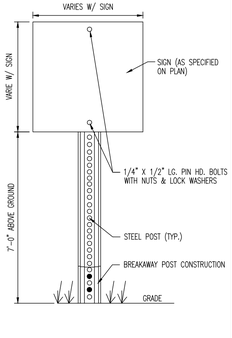
NOT TO SCALE

Attachment O
Village of Suffern
Standard Parking Space and Painting Schedule



PARKING STALL STRIPING DETAIL

NOT TO SCALE



SIGN POST DETAIL

NOT TO SCALE

Rev.	Date	Comments	By
5	01/17/24	REV. PER PLANNING BOARD SUBMISSION	CAM
4	06/13/23	REV. PER VILLAGE AND COUNTY COMMENTS	CAM
3	05/24/23	REV. PER ACOE COMMENTS	DM/CAM
2	09/01/22	REV. PER TOWNSHIP AND COUNTY COMMENTS	ALP/1
1	04/25/22	REV. PER CLIENT AND COUNTY COMMENTS	CAM

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

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Allen, Texas T: 972.534.3100 | Austin, Texas T:512.646.2646 | Houston, Texas T: 281.759.6400 | Delray Beach, Florida T: 561.921.8570
Newtown, Pennsylvania T: 267.685.0276 | Philadelphia, Pennsylvania T: 215.253.4888 | Bethlehem, Pennsylvania T: 610.598.4400

TITLE:

CONSTRUCTION DETAILS

PROJECT: **IV2 ROCKLAND LOGISTICS, LLC**
PROPOSED INDUSTRIAL PARK AT 25 OLD MILL ROAD
SECTION 55.22 BLOCK 1, LOT 1; SECTION 55.37, BLOCK 1, LOT 31
OLD MILL ROAD AND HEMION ROAD (CR 93)
VILLAGE OF SUFFERN, ROCKLAND COUNTY, NEW YORK

JOB No: 3709–99–004
DRAWN BY: CAM
DESIGNED BY: JMS
CHECKED BY: JMS
CHECKED BY: ZAK
DATE: 12/17/2021
SCALE: (H) NOT TO (V) SCALE
SHEET No: 112 OF 132
Rev. # 5

ZACHARY A. KAMM
PROFESSIONAL ENGINEER
NEW YORK LICENSE No. 107071

JOSHUA M. SCHMALD
PROFESSIONAL ENGINEER
NEW YORK LICENSE No. 097639

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Plotted: 01/17/24 – 12:03 PM, By: aroyes, – Product Ver: 24.3s (LMS Tech)
File: P:\DECPC PROJECTS\3709 Brookfield Properties\99–004 Suffern NY\Dwg\Site Plans\03709999004SD5.dwg, ---> 112 CONSTRUCTION DETAILS

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