WATERVIEW APARTMENTS PHASE III

SITE DEVELOPMENT PLANS

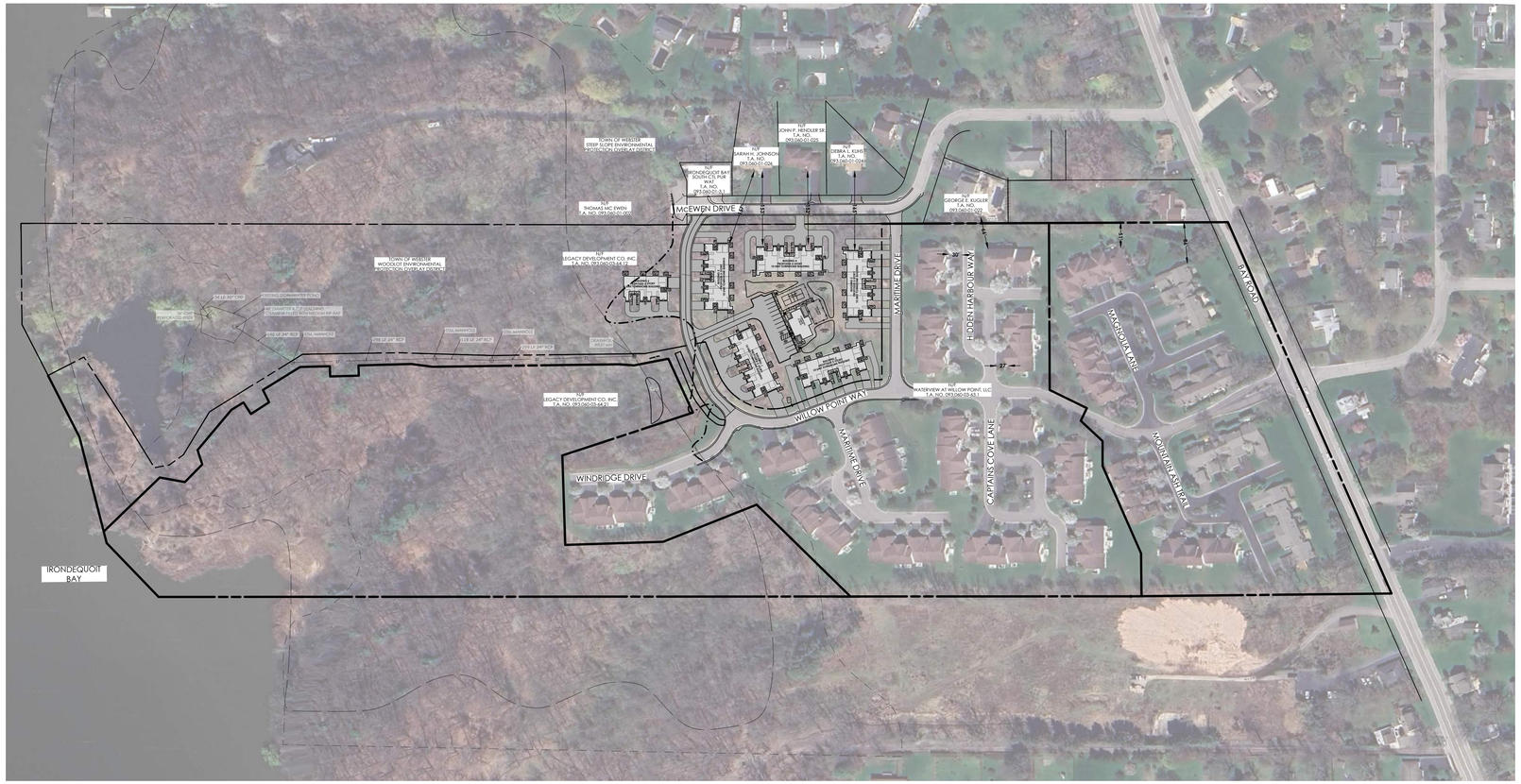
TOWN OF WEBSTER | MONROE COUNTY | NEW YORK

PN: 20243903.0002

HORIZONTAL SCALE

150 0 75 150 300

SCALE: 1"=150'



SITE DATA	
TAX ACCOUNT NUMBER:	093.06-3-64.11
PARCEL ADDRESS:	WILLOW POINT WAY WEBSTER, NY 14580
MUNICIPALITY:	TOWN OF WEBSTER
COUNTY:	MONROE
TOTAL PARCEL AREA:	13.152 ACRES OR 572,904 S.F.
AREA OF DISTURBANCE:	3.65 ACRES OR 158,994 S.F.
EXISTING ZONING:	MHR MEDIUM HIGH RESIDENTIAL
PROPOSED ZONING:	MHR MEDIUM HIGH RESIDENTIAL
EXISTING USE:	UNDEVELOPED
PROPOSED USE:	MULTI-FAMILY RESIDENTIAL - 56 TOWNHOMES

ZONING DATA	REQUIRED	PROPOSED
ZONING DISTRICT: MHR MEDIUM HIGH RESIDENTIAL		
LOT		
WIDTH	N/A	330'
DEPTH	N/A	1805'
AREA	5 ACRES	13.152 ACRES
COVERAGE	25%	9%
BUILDING		
SETBACK - FRONT	75'	18'*
SETBACK - SIDE	10'	15'
SETBACK - REAR	35'	N/A
SINGLE FAMILY DISTRICT BUFFER	100'	38'*
BUILDING LENGTH	165'	142'
SEPARATION	40'	40'
HEIGHT	3 STORIES MEASURED @ FRONT	2 STORIES
DENSITY	8 UNITS PER ACRE	4.3 UNITS PER ACRE
UNIT QTY	105	56
PARKING		
STALLS QTY	2 SPACES PER UNIT 56 UNITS x 2= 112	144 SPACES/56 =2.57 SPACES PER UNIT
STALL SIZE - PERPENDICULAR	9' X 20'	9' X 20'
DRIVE AISLE WIDTH - 90/60/45 DEG		20'
NOTES: * VARIANCE REQUIRED		

ENVIRONMENTAL DATA	NO	YES
STATE REGULATED WETLANDS (NYSDEC ERM):		X
FEDERALLY REGULATED WETLANDS (USFWS NWI):		X
FLOOD PLAIN (FEMA NFHL): FIRM PANEL: 36055C0209G DATED: 8/28/2008		ZONE X AREA OF MINIMAL FLOOD HAZARD
ENDANGERED SPECIES (NYSDEC ERM):	X	

UTLITIES DATA	
PUBLIC WATER PROVIDED BY:	MONROE COUNTY WATER AUTHORITY
ELECTRIC SERVICE PROVIDED BY:	R G & E
GAS SERVICE SUPPLIED BY:	R G & E
SANITARY SEWER PROVIDED BY:	TOWN OF WEBSTER SANITARY SEWER DISTRCIT
STORM SEWER & DRAINAGE WILL BE: (MAINTAINED BY THE OWNER)	PRIVATE AND MAINTAINED AS PART OF THE TOWN OF WEBSTER CONSOLIDATED DRAINAGE DISTRICT
ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE CURRENT DEVELOPMENT STANDARDS AND SPECIFICATIONS OF THE MUNICIPALITY	

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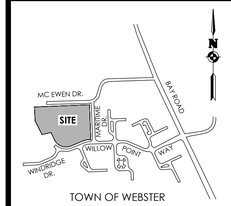
DRAWING INDEX



TOWN OF WEBSTER
LOCATION SKETCH
N.T.S.

STAMP:

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100 (585) 325-1000
ROCHESTER, NY 14614 FAX: (585) 325-1691

PROJECT MANAGER DAVID COX, P.E.
PROJECT ENGINEER ANDREW BURNS, P.E.
DESIGNER CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
1			
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COVER SHEET

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 101

DATE:
JANUARY 2025

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'

N

MC EWEN DRIVE
N/F 436 MCEWEN DR. PUMP STATION
5/8" REBAR FND
1" PIPE FOUND
2" PE GAS MAIN
5/8" REBAR FOUND
CURVE 15 MPH
EXISTING 10' WIDE INGRESS AND EGRESS EASEMENT CENTERED ON PROPERTY LINE PER LIBER 8923 OF DEEDS, PAGE 565 & LIBER 2328 OF DEEDS, PAGE 519
N/F THOMAS MC EWEN T.A. NO. 093.060-01-002
EXISTING 50' WIDE EASEMENT TO MCWA
LOT AR-2
AREA = 572,904 SQ FT
OR 13.152 ACRES +/-
N/F LEGACY DEVELOPMENT CO, INC. T.A. NO. 093.060-03-64.12
EXISTING 30' WIDE SANITARY SEWER EASEMENT
75' FRONT SETBACK
PROPOSED 2.5' WIDE CONCRETE GUTTER
LAWN AREA
BUILDING 6 PROPOSED 2-STORY 6 UNIT TOWNHOME BUILDING
BUILDING 5 PROPOSED 2-STORY 10 UNIT TOWNHOME BUILDING
BUILDING 4 PROPOSED 2-STORY 10 UNIT TOWNHOME BUILDING
BUILDING 3 PROPOSED 2-STORY 10 UNIT TOWNHOME BUILDING
BUILDING 1 PROPOSED 2-STORY 10 UNIT TOWNHOME BUILDING
BUILDING 2 PROPOSED 2-STORY 10 UNIT TOWNHOME BUILDING
PROPOSED ASPHALT DRIVEWAY (TYP)
DOOR (TYP)
PROPOSED STONE STRONG RETAINING WALL WITH 4' TALL DECORATIVE BLACK METAL FENCE (TYP)
PROPOSED RETAINING WALL, BROADSTONE 6" MEDLEY BY KEYSTONE (TYP)
PROPOSED 6' WIDE CONCRETE SIDEWALK
PROPOSED BIO-RETENTION AREA #1
PROPOSED BIO-RETENTION AREA #2
PROPOSED BIO-RETENTION AREA #3
PICKLEBALL COURT
DOG PARK ±1,500 SF
COMMUNITY CENTER ±1,500 SF
SNOW STORAGE
PATIO (TYP)
PROPOSED 6" REVEAL CONCRETE CURB
3' TRANSITION CURB TO GRADE
PROPOSED ADA COMPLIANT PARKING SPACES & SIGNAGE PER DETAIL
PROPOSED ASPHALT PAVEMENT (TYP)
PROPOSED POST TOP LIGHT (TYP)
PROPOSED 4' WIDE STONE STRONG RETAINING WALL
ACTUAL LIMITS OF EXISTING STEEP SLOPES (> 15%)
10' SIDE SETBACK
EXISTING TRAIL
PROPOSED 12' WIDE MOWED GRASS PATH FOR SAND FILTER ACCESS
PROPOSED SAND FILTER
EXISTING 20' WIDE STORM SEWER EASEMENT
N/F LEGACY DEVELOPMENT CO, INC. T.A. NO. 093.060-03-64.21
5/8" REBAR FOUND
NO TRESPASSING DEAD END
TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
WINDBRIDGE DRIVE
WILLOW POINT WAY
MARITIME DRIVE
PROPOSED HOTBOX
EXISTING 20' WIDE STORM SEWER EASEMENT
EXISTING LIGHT POLE (TYP)
N/F WATERVIEW AT WILLOW POINT, LLC T.A. NO. 093.060-03-63.1
TRANS CTV
TEL
LP
W
158
15A
14C
14B
18A
18B
18C
21D

LEGEND

- PROPERTY BOUNDARY
- EXISTING CENTER LINE ROAD
- SETBACK
- EXISTING EASEMENT LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE
- PROPOSED PARKING COUNT
- PROPOSED ACCESS RAMP WITH DETECTABLE WARNING
- PROPOSED PAVEMENT STRIPING
- PROPOSED CURB
- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED LIGHT POLE
- PROPOSED BUILDING MOUNTED LIGHT
- TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- ACTUAL LIMITS OF STEEP SLOPES

APPROVALS

APPROVED BY_____ DATE _____
PLANNING BOARD CHAIRMAN

APPROVED BY_____ DATE _____
COMMISSIONER OF PUBLIC WORKS

APPROVED BY_____ DATE _____
TOWN ASSESSOR

APPROVED BY_____ DATE _____
FIRE MARSHAL

APPROVED BY_____ DATE _____
HIGHWAY SUPERINTENDENT

Y:\PROJECTS-NEW\2024\20243903\20243903.0002\01 CAD-BIM-MODELS\CIVIL\20243903.0002 SITE.DWG 1/16/2025 8:54 AM Jacob Lewis

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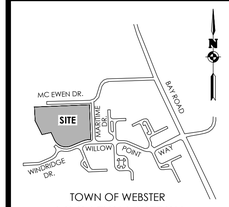

TOWN OF WEBSTER
LOCATION SKETCH
N.T.S.

STAMP:
STATE OF NEW YORK
DAVID LUKE COX
090182
LICENSED PROFESSIONAL ENGINEER

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100 ROCHESTER, NY 14614
(585) 325-1000 FAX: (585) 325-1691
PROJECT MANAGER: DAVID COX, P.E.
PROJECT ENGINEER: ANDREW BURNS, P.E.
DESIGNER: CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
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SITE PLAN

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**
PROJECT NO.: **20243903.0002**
DRAWING NO.: **C 102**
DATE: **JANUARY 2025**

HORIZONTAL SCALE

30 0 15 30 60

SCALE: 1"=30'

If you excavate anywhere in New York State, except NYC or Long Island, call

Dig Safely. New York

1-800-962-7962

i-Notice = www.DigSafelyNewYork.com

LOT AR-2
AREA = 572,904 SQ FT
OR 13.152 ACRES +/-

MC EWEN DRIVE

MARITIME DRIVE

(RELOCATE) WILLOW POINT WAY

REMOVE EXISTING TREES & BRUSH

REMOVE AND DISPOSE OF EXISTING CB

REMOVE AND DISPOSE OF 8" CMP PIPE

REMOVE AND DISPOSE OF EXISTING DMH

ACTUAL LIMITS OF EXISTING STEEP SLOPES (> 15%)

TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

- PROPERTY BOUNDARY
- EXISTING CENTER LINE ROAD
- EXISTING BUILDING
- EXISTING EASEMENT LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING STORM SEWER CB, MH & INLET MH
- EXISTING WATER SERVICE HYDRANT & VALVE
- EXISTING SIGN
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING ELECTRIC LINE
- EXISTING LIGHT POLE
- EXISTING TRANSFORMER
- EXISTING CTV
- EXISTING ELECTRIC METER
- EXISTING ELECTRIC HANDHOLE
- EXISTING GAS VALVE
- EXISTING GAS MAIN
- EXISTING TREE/BRUSH LINE
- PROPOSED TREE LINE
- TREES / BRUSH TO BE REMOVED
- EXISTING FEATURE TO BE REMOVED
- TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- ACTUAL LIMITS OF STEEP SLOPES

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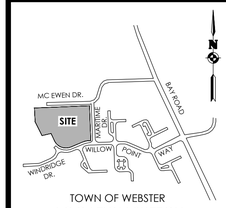

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CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates

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ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691

PROJECT MANAGER: DAVID COX, P.E.
PROJECT ENGINEER: ANDREW BURNS, P.E.
DESIGNER: CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
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EXISTING CONDITIONS & DEMOLITION PLAN
WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 103

DATE:
JANUARY 2025

HORIZONTAL SCALE

30 0 15 30 60

SCALE: 1"=30'

WASTE SITE NOTE:

IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, ALL WORK SHALL STOP AND THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE DEVELOPER HAS OUTLINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE NECESSARY.

If you excavate anywhere in New York State, except NYC or Long Island, call

Dig Safely. New York

1-800-962-7962

i-Notice = www.DigSafelyNewYork.com

LEGEND

- PROPERTY BOUNDARY
- EXISTING EASEMENT
- EXISTING STORM SEWER, CB & MH
- PROPOSED STORM SEWER, CB & MH
- EXISTING WATER SERVICE & VALVE
- PROPOSED WATER SERVICE HYDRANT AND VALVE
- PROPOSED WATER LATERAL
- EXISTING SANITARY SEWER & MH
- PROPOSED SANITARY SEWER & MH
- EXISTING ELECTRIC LINE
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED LIGHT POLE
- EXISTING LIGHT POLE
- EXISTING GAS MAIN
- EXISTING SIGN
- TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- ACTUAL LIMITS OF STEEP SLOPES

Irondequoit Bay South Central Pure Waters District

Review Number _____

Conforms to Monroe County Pure Waters Master Plan

Signature Date

Watermain Approval

Monroe County Department of Public Health

These plans for Public Water System Extension / Improvement are hereby approved pursuant to 10NYCRR5 of the State Sanitary Code subject to conditions of Approval

Director of Public Health

By Public Health Engineer Date

Sanitary Sewer Approval

Monroe County Department of Public Health

These plans for Public Sanitary Sewer Extension / Improvement are hereby approved pursuant to Article 17 of the NYS Environmental Conservation Law subject to conditions of Approval

Director of Public Health

By Public Health Engineer Date

MONROE COUNTY HEALTH DEPT.

APPROVALS

APPROVED BY _____ DATE _____
PLANNING BOARD CHAIRMAN

APPROVED BY _____ DATE _____
COMMISSIONER OF PUBLIC WORKS

APPROVED BY _____ DATE _____
TOWN ASSESSOR

APPROVED BY _____ DATE _____
FIRE MARSHAL

APPROVED BY _____ DATE _____
WEBSTER SEWER DISTRICT

APPROVED BY _____ DATE _____
HIGHWAY SUPERINTENDENT

APPROVED BY _____ DATE _____
MONROE COUNTY WATER AUTHORITY

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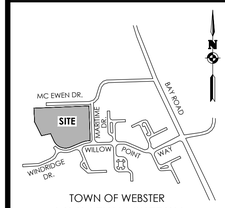

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DESIGNER: CAROLE HARVEY

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UTILITY PLAN

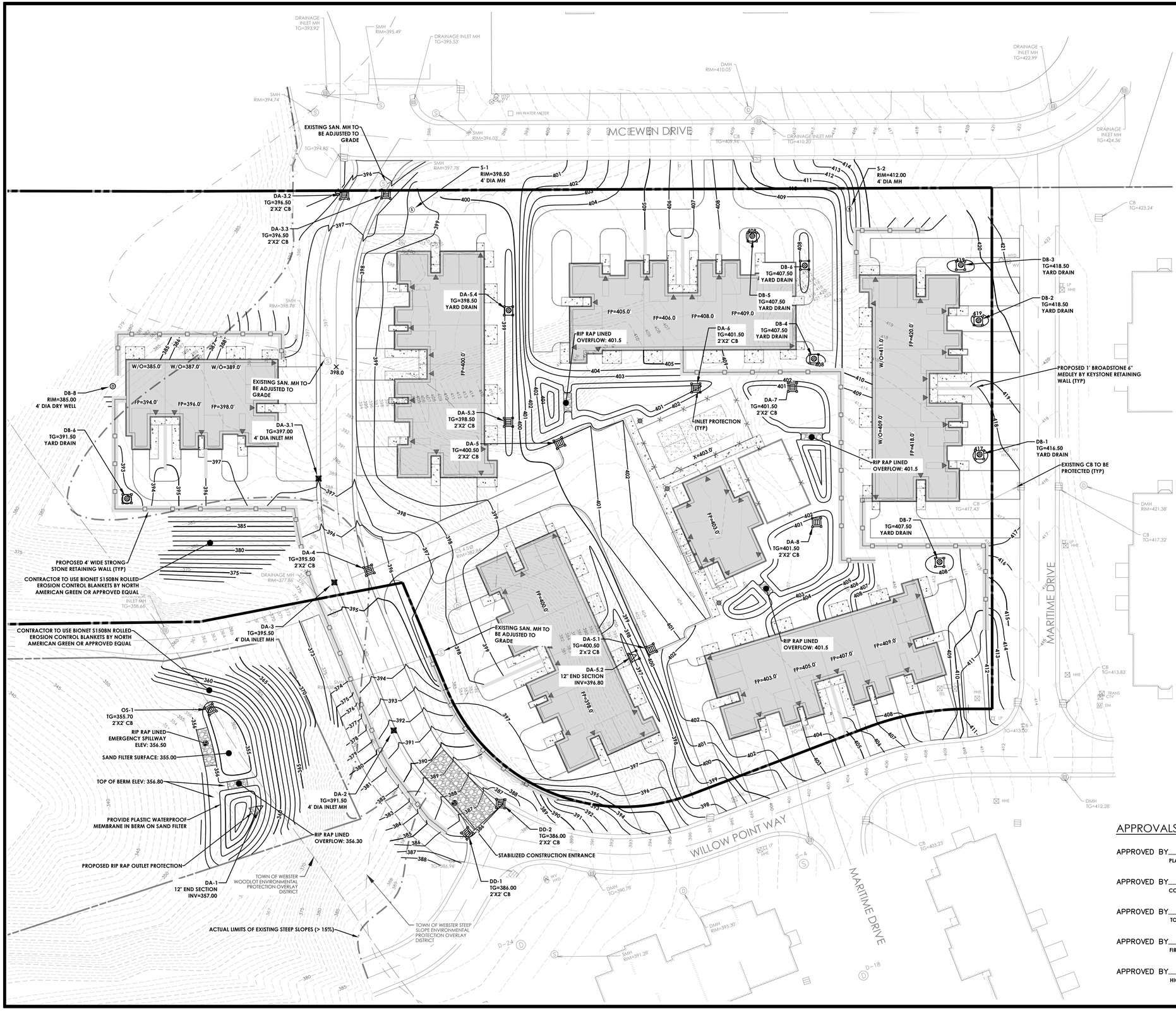
WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.: **20243903.0002**

DRAWING NO.: **C 104**

DATE: **JANUARY 2025**



HORIZONTAL SCALE

30 0 15 30 60

SCALE: 1"=30'

N

LEGEND

- PROPERTY BOUNDARY
- EXISTING EASEMENT
- 520 EXISTING MAJOR CONTOUR
- 521 EXISTING MINOR CONTOUR
- ×503.5' EXISTING SPOT ELEVATION
- 520 PROPOSED MAJOR CONTOUR
- 521 PROPOSED MINOR CONTOUR
- TC:492.9 BC:492.4 492X7 PROPOSED SPOT ELEVATION
- PROPOSED INLET PROTECTION
- PROPOSED CHECK DAM, RIP RAP
- SF PROPOSED SILT SAC OR SILT FENCE
- ST EXISTING STORM MH, CB & END SECTION
- PROPOSED STORM CB & END SECTION
- PROPOSED HYDRANT & VALVE
- S EXISTING SANITARY SEWER & MH
- S PROPOSED SANITARY SEWER & MH
- PROPOSED LIGHT POLE
- LP EXISTING LIGHT POLE
- EXISTING SIGN
- TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
- ACTUAL LIMITS OF STEEP SLOPES

NOTE:
FP IS GARAGE PAD ELEVATION AT THE GARAGE DOOR.

APPROVALS

APPROVED BY_____ DATE _____
PLANNING BOARD CHAIRMAN

APPROVED BY_____ DATE _____
COMMISSIONER OF PUBLIC WORKS

APPROVED BY_____ DATE _____
TOWN ASSESSOR

APPROVED BY_____ DATE _____
FIRE MARSHAL

APPROVED BY_____ DATE _____
HIGHWAY SUPERINTENDENT

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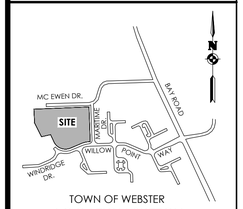

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GRADING PLAN

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 105

DATE:
JANUARY 2025

HORIZONTAL SCALE

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SCALE: 1"=30'

N

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. INSTALL SILT FENCE AND GIANT SILT SOCK.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND EMPLOYEE PARKING AREA.
3. CLEAR AND GRUB THE PROJECT IMPROVEMENTS AREAS.
4. CONSTRUCT TEMPORARY DRAINAGE SWALES AS SHOWN.
5. STRIP TOPSOIL AND STOCKPILE FOR LATER USE.
6. USE EXISTING STORMWATER POND FOR TEMPORARY SEDIMENT BASIN.
7. CONSTRUCT SAND FILTER.
8. CONSTRUCT TEMPORARY SEDIMENT BASINS & STORM SEWER.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES OF 1:3 OR GREATER:

1. STRIP TOPSOIL ON SLOPE.
2. GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
3. REPLACE TOPSOIL.
4. TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
5. IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.
6. IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL.
7. SECURE THE JUTE MESH WITH STAPLES (11 GAUGE - 8"x1"x8") 24" APART THOUGH OUT THE MATTING (APPROXIMATELY 200 STAPLES PER 100 SY). STAPLES SHOULD BE DRIVEN FLUSH WITH THE GROUND.
8. SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE SOIL. THEN STAPLE MATTING AT CHECK SLOTS.

LEGEND:

- PROPERTY LINE
- GIANT SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SF — SILT FENCE
- PROPOSED STORM SEWER
- TEMPORARY DRAINAGE SWALE
- 520 — MAJOR CONTOUR
- 521 — MINOR CONTOUR
- 520 — EXISTING MAJOR CONTOUR
- 521 — EXISTING MINOR CONTOUR
- INLET PROTECTION
- SILT SOCK INLET PROTECTION
- STONE
- TEMPORARY SEDIMENT BASIN

DISCHARGE POINT

STONE SPILLWAY

DOUBLE GIANT SILT SOCK

TEMPORARY DIVERSION SWALE

SEDIMENT BASIN 1
REQUIRED STORAGE: 966 CF (1,000 CF/AC x 0.21 ACRES + 3,600 CF/AC x 0.21 ACRES)
PROVIDED STORAGE: 2,574 CF

TOPSOIL STOCKPILE

REMOVE EXISTING TREES & BRUSH

PROPOSED SILT FENCE (TYP)

PROPOSED BIORETENTION AREA TO BE USED AS TEMPORARY SEDIMENTATION BASINS. BIORETENTION MEDIA NOT TO BE INSTALLED UNTIL SITE IS 80% STABILIZED. (TYP)

SEDIMENT BASIN 2
REQUIRED STORAGE: 1,886 CF (1,000 CF/AC x 0.41 ACRES + 3,600 CF/AC x 0.41 ACRES)
PROVIDED STORAGE: 3,373 CF

TEMPORARY 12" CULVERT

INLET PROTECTION

SEDIMENT BASIN 3
REQUIRED STORAGE: 1,104 CF (1,000 CF/AC x 0.24 ACRES + 3,600 CF/AC x 0.24 ACRES)
PROVIDED STORAGE: 3,065 CF

USE EXISTING POND AS TEMPORARY SEDIMENT BASIN

STONE EMPLOYEE PARKING AREA AND STABILIZED CONSTRUCTION ENTRANCE

SEDIMENT BASIN 5
REQUIRED STORAGE: 11,224 CF (1,000 CF/AC x 2.44 ACRES + 3,600 CF/AC x 2.44 ACRES)
PROVIDED STORAGE: 11,553 CF

PROPOSED SAND FILTER TO BE USED AS TEMPORARY SEDIMENTATION BASIN. SAND MEDIA NOT TO BE INSTALLED UNTIL SITE IS 80% STABILIZED. (TYP)

FINISH GRADE AND APPLY JUTE MESH AND PERMANENT STABILIZATION MEASURES.

DOUBLE GIANT SILT SOCK

SEDIMENT BASIN 4
REQUIRED STORAGE: 2,530 CF (1,000 CF/AC x 0.55 ACRES + 3,600 CF/AC x 0.55 ACRES)
PROVIDED STORAGE: 4,714 CF

CONCRETE WASHOUT AREA

SILT SOCK INLET PROTECTION

SILT FENCE (TYP)

ORANGE CONSTRUCTION FENCE (TYP)

MC EWEN DRIVE

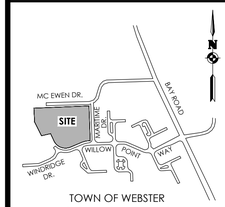
WILLOW POINT WAY

MARITIME DRIVE

TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

PASSERO
architecture engineering



TOWN OF WEBSTER

LOCATION SKETCH

N.T.S.

STAMP:

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100 (585) 325-1000
ROCHESTER, NY 14614 FAX: (585) 325-1691
PROJECT MANAGER DAVID COX, P.E.
PROJECT ENGINEER ANDREW BURNS, P.E.
DESIGNER CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION

EROSION CONTROL PLAN: SEQUENCE A

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.: **20243903.0002**

DRAWING NO.: C 105A

DATE: **JANUARY 2025**

HORIZONTAL SCALE

30 0 15 30 60

SCALE: 1"=30'

N

SEDIMENT BASIN 6
REQUIRED STORAGE: 2,300 CF (1,000 CF/AC x 0.50 ACRES + 3,600 CF/AC x 0.50 ACRES)
PROVIDED STORAGE: 2,631 CF

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW TO CB

DOUBLE ROW GIANT SILT SOCK

DISCHARGE POINT

STONE SPILLWAY

REFER TO UTILITY PLAN FOR SIZE, MATERIAL, SLOPE OF SANITARY SEWER (TYP)

TEMPORARY DRAINAGE SWALE

SEDIMENT BASIN 1
REQUIRED STORAGE: 2,346 CF (1,000 CF/AC x 0.51 ACRES + 3,600 CF/AC x 0.51 ACRES)
PROVIDED STORAGE: 2,574 CF

TEMPORARY DRAINAGE SWALE

SEDIMENT BASIN 2
REQUIRED STORAGE: 3,358 CF (1,000 CF/AC x 0.73 ACRES + 3,600 CF/AC x 0.73 ACRES)
PROVIDED STORAGE: 3,373 CF

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW

SEDIMENT BASIN 9
REQUIRED STORAGE: 1,380 CF (1,000 CF/AC x 0.30 ACRES + 3,600 CF/AC x 0.30 ACRES)
PROVIDED STORAGE: 2,409 CF

TEMPORARY DRAINAGE SWALE

REFER TO UTILITY PLAN FOR SIZE, MATERIAL, SLOPE OF STORM SEWER (TYP)

PROPOSED BIORETENTION AREA TO BE USED AS TEMPORARY SEDIMENTATION BASINS. BIORETENTION MEDIA NOT TO BE INSTALLED UNTIL SITE IS 80% STABILIZED. (TYP)

INLET PROTECTION (TYP)

SEDIMENT BASIN 3
REQUIRED STORAGE: 2,944 CF (1,000 CF/AC x 0.61 ACRES + 3,600 CF/AC x 0.61 ACRES)
PROVIDED STORAGE: 3,065 CF

REFER TO UTILITY PLAN FOR SIZE AND MATERIAL OF WATER SERVICE (TYP)

TEMPORARY 12" CULVERT

SILT SOCK INLET PROTECTION (TYP)

TEMPORARY DRAINAGE SWALE

DISCHARGE POINT

PROPOSED SAND FILTER TO BE USED AS TEMPORARY SEDIMENTATION BASIN. SAND MEDIA NOT TO BE INSTALLED UNTIL SITE IS 80% STABILIZED. (TYP)

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW TO CB

SEDIMENT BASIN 4
REQUIRED STORAGE: 4,278 CF (1,000 CF/AC x 0.93 ACRES + 3,600 CF/AC x 0.93 ACRES)
PROVIDED STORAGE: 4,714 CF

CONCRETE WASHOUT AREA

CONSTRUCT RETAINING WALL

SEDIMENT BASIN 5
REQUIRED STORAGE: 3,404 CF (1,000 CF/AC x 0.74 ACRES + 3,600 CF/AC x 0.74 ACRES)
PROVIDED STORAGE: 3,444 CF

STONE EMPLOYEE PARKING AND STABILIZED CONSTRUCTION ENTRANCE

MC EWEN DRIVE

WILLOW POINT WAY

MARITIME DRIVE

TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. CONSTRUCT EROSION CONTROL MEASURES AS SHOWN ON THE PLANS. USE STORMWATER MANAGEMENT AREAS AS TEMPORARY SEDIMENT BASINS.
2. CLEAR AND GRUB THE PROJECT IMPROVEMENTS AREAS.
3. CONSTRUCT TEMPORARY DRAINAGE SWALES AS SHOWN.
4. STRIP TOPSOIL AND STOCKPILE FOR LATER USE.
5. GRADE IMPROVEMENTS AREAS WITHIN THE PROJECT SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST DISTURBANCE.
6. CONSTRUCT SEDIMENTATION BARRIERS AS SHOWN ON THIS PLAN.
7. INSTALL UTILITIES.
8. CONSTRUCT RETAINING WALL SHOWN ON THIS SHEET.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES OF 1:3 OR GREATER:

1. STRIP TOPSOIL ON SLOPE.
2. GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
3. REPLACE TOPSOIL.
4. TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
5. IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.
6. IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL.
7. SECURE THE JUTE MESH WITH STAPLES (11 GAUGE - 8"x1"x8") 24" APART THOUGH OUT THE MATTING (APPROXIMATELY 200 STAPLES PER 100 SY). STAPLES SHOULD BE DRIVEN FLUSH WITH THE GROUND.
8. SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE SOIL. THEN STAPLE MATTING AT CHECK SLOTS.

LEGEND:

- PROPERTY LINE
- GIANT SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SF — SILT FENCE
- PROPOSED STORM SEWER
- TEMPORARY DRAINAGE SWALE
- 520 — MAJOR CONTOUR
- 521 — MINOR CONTOUR
- 520 — EXISTING MAJOR CONTOUR
- 521 — EXISTING MINOR CONTOUR
- INLET PROTECTION
- SILT SOCK INLET PROTECTION
- STONE
- TEMPORARY SEDIMENT BASIN

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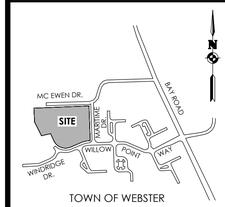
architecture engineering



TOWN OF WEBSTER
LOCATION SKETCH
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301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691

PROJECT MANAGER — DAVID COX, P.E.
PROJECT ENGINEER — ANDREW BURNS, P.E.
DESIGNER — CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION

EROSION CONTROL PLAN: SEQUENCE B

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 105B

DATE:
JANUARY 2025

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'

SEDIMENT BASIN 6
REQUIRED STORAGE: 2,300 CF (1,000 CF/AC x 0.50 ACRES + 3,600 CF/AC x 0.50 ACRES)
PROVIDED STORAGE: 2,631 CF

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW TO CB

SEQUENCE C SILT FENCE

DISCHARGE POINT

STONE SPILLWAY

BUILDING 4
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

BUILDING 3
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

DEWATERING PIPE DISCHARGED TO TEMPORARY SEDIMENT BASINS.

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW

SEDIMENT BASIN 9
REQUIRED STORAGE: 1,380 CF (1,000 CF/AC x 0.30 ACRES + 3,600 CF/AC x 0.30 ACRES)
PROVIDED STORAGE: 2,409 CF

TEMPORARY DRAINAGE SWALE

SEDIMENT BASIN 1
REQUIRED STORAGE: 2,346 CF (1,000 CF/AC x 0.51 ACRES + 3,600 CF/AC x 0.51 ACRES)
PROVIDED STORAGE: 2,574 CF

SEDIMENT BASIN 2
REQUIRED STORAGE: 2,070 CF (1,000 CF/AC x 0.45 ACRES + 3,600 CF/AC x 0.45 ACRES)
PROVIDED STORAGE: 3,373 CF

PROPOSED BIORETENTION AREA TO BE USED AS TEMPORARY SEDIMENTATION BASINS. BIORETENTION MEDIA NOT TO BE INSTALLED UNTIL SITE IS 80% STABILIZED. (TYP)

DEWATERING PIPE DISCHARGED TO TEMPORARY SEDIMENT BASINS.

SEDIMENT BASIN 3
REQUIRED STORAGE: 2,944 CF (1,000 CF/AC x 0.61 ACRES + 3,600 CF/AC x 0.61 ACRES)
PROVIDED STORAGE: 3,065 CF

TEMPORARY 12" CULVERT

STONE EMPLOYEE PARKING

TEMPORARY DRAINAGE SWALE

STABILIZED CONSTRUCTION ENTRANCE

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW TO CB

SEDIMENT BASIN 4
REQUIRED STORAGE: 4,278 CF (1,000 CF/AC x 0.93 ACRES + 3,600 CF/AC x 0.93 ACRES)
PROVIDED STORAGE: 4,714 CF

CONCRETE WASHOUT AREA

SEDIMENT BASIN 5
REQUIRED STORAGE: 3,404 CF (1,000 CF/AC x 0.74 ACRES + 3,600 CF/AC x 0.74 ACRES)
PROVIDED STORAGE: 3,644 CF

MC EWEN DRIVE
WILLOW POINT WAY
MARITIME DRIVE

TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. INSTALL SILT FENCE AROUND BUILDINGS 3&4.
2. CONSTRUCT BUILDINGS 3&4.
3. DISCHARGE DEWATERING PIPES TO TEMPORARY SEDIMENT BASINS.
4. MAINTAIN EXISTING EROSION CONTROL MEASURES.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

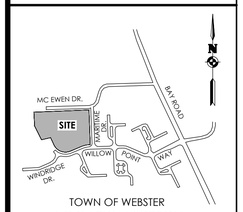
ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES OF 1:3 OR GREATER:

1. STRIP TOPSOIL ON SLOPE.
2. GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
3. REPLACE TOPSOIL.
4. TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
5. IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.
6. IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL.
7. SECURE THE JUTE MESH WITH STAPLES (11 GAUGE - 8"x1"x8") 24" APART THOUGH OUT THE MATTING (APPROXIMATELY 200 STAPLES PER 100 SY). STAPLES SHOULD BE DRIVEN FLUSH WITH THE GROUND.
8. SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE SOIL. THEN STAPLE MATTING AT CHECK SLOTS.

LEGEND:

- PROPERTY LINE
- GIANT SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SILT FENCE
- PROPOSED STORM SEWER
- TEMPORARY DRAINAGE SWALE
- 520 MAJOR CONTOUR
- 521 MINOR CONTOUR
- 520 EXISTING MAJOR CONTOUR
- 521 EXISTING MINOR CONTOUR
- INLET PROTECTION
- SILT SOCK INLET PROTECTION
- STONE
- TEMPORARY SEDIMENT BASIN



TOWN OF WEBSTER
LOCATION SKETCH
N.T.S.

STAMP:

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691
PROJECT MANAGER: DAVID COX, P.E.
PROJECT ENGINEER: ANDREW BURNS, P.E.
DESIGNER: CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION

EROSION CONTROL PLAN: SEQUENCE C

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: WEBSTER
COUNTY: MONROE
STATE: NY

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 105C

DATE:
JANUARY 2025

Y:\PROJECTS-NEW\2024\20243903\20243903.0002\01 CAD-BIM-MODELS\CIVIL\20243903.0002 PHASED GRAD.DWG 1/16/2025 8:55 AM Jacob Lewis

HORIZONTAL SCALE

30 0 15 30 60

SCALE: 1"=30'

SEDIMENT BASIN 6
REQUIRED STORAGE: 2,300 CF (1,000 CF/AC x 0.50 ACRES + 3,600 CF/AC x 0.50 ACRES)
PROVIDED STORAGE: 2,631 CF

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW TO CB

DISCHARGE POINT

STONE SPILLWAY

TEMPORARY DRAINAGE SWALE

SEDIMENT BASIN 1
REQUIRED STORAGE: 966 CF (1,000 CF/AC x 0.21 ACRES + 3,600 CF/AC x 0.21 ACRES)
PROVIDED STORAGE: 2,574 CF

SEDIMENT BASIN 9
REQUIRED STORAGE: 1,380 CF (1,000 CF/AC x 0.30 ACRES + 3,600 CF/AC x 0.30 ACRES)
PROVIDED STORAGE: 2,409 CF

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW

EMPLOYEE PARKING AREA

SEQUENCE D SILT FENCE

SEDIMENT BASIN 2
REQUIRED STORAGE: 2,024 CF (1,000 CF/AC x 0.44 ACRES + 3,600 CF/AC x 0.44 ACRES)
PROVIDED STORAGE: 3,373 CF

PICKLEBALL COURT

DOG PARK ±1,500 SF

COMMUNITY CENTER ±1,500 SF

DEWATERING PIPE DISCHARGED TO TEMPORARY SEDIMENT BASINS

SEDIMENT BASIN 3
REQUIRED STORAGE: 2,530 CF (1,000 CF/AC x 0.55 ACRES + 3,600 CF/AC x 0.55 ACRES)
PROVIDED STORAGE: 3,065 CF

SEQUENCE D SILT FENCE

BUILDING 1
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

BUILDING 2
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

SEQUENCE D SILT FENCE

DISCHARGE POINT

SEDIMENT BASIN 4
REQUIRED STORAGE: 4,278 CF (1,000 CF/AC x 3.600 CF/AC x 0.93 ACRES)
PROVIDED STORAGE: 4,714 CF

CONCRETE WASHOUT AREA

MC EWEN DRIVE

MARITIME DRIVE

WILLOW POINT WAY

DRAINAGE INLET MH TG=393.92

DRAINAGE INLET MH TG=395.53

DMH RIM=410.05'

2" PE GAS MAIN

DRAINAGE INLET MH TG=422.99'

DRAINAGE INLET MH TG=424.36'

CB TG=409.76

DRAINAGE INLET MH TG=410.20'

CB TG=423.24'

CB TG=417.43'

CB TG=417.32'

DMH RIM=421.38'

CB TG=413.83'

TRANS

EM

DMH TG=413.50'

DMH TG=412.28'

CB TG=403.23'

DMH TG=390.78'

DMH RIM=395.30'

DRAINAGE MH RIM=377.86'

DRAINAGE INLET MH TG=358.66'

TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. INSTALL STONE SUBBASE FOR PROPOSED ROAD AND COMMUNITY CENTER PARKING AREA. USE COMMUNITY CENTER PARKING AREA AS EMPLOYEE PARKING.
2. INSTALL SILT FENCE AROUND BUILDINGS 1,2 & COMMUNITY CENTER.
3. CONSTRUCT BUILDINGS 1,2 & COMMUNITY CENTER.
4. DISCHARGE DEWATERING PIPES TO TEMPORARY SEDIMENT BASINS.
5. CONSTRUCT RETAINING WALLS AROUND BUILDINGS 1,2,3,4 & COMMUNITY CENTER.
6. FINE GRADE, SEED AND MULCH AROUND BUILDINGS 1,2,3,4 & COMMUNITY CENTER.
7. MAINTAIN EXISTING EROSION CONTROL MEASURES.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES OF 1:3 OR GREATER:

1. STRIP TOPSOIL ON SLOPE.
2. GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
3. REPLACE TOPSOIL.
4. TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
5. IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.
6. IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL.
7. SECURE THE JUTE MESH WITH STAPLES (11 GAUGE - 8"x1"x8") 24" APART THOUGH OUT THE MATTING (APPROXIMATELY 200 STAPLES PER 100 SY). STAPLES SHOULD BE DRIVEN FLUSH WITH THE GROUND.
8. SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE SOIL. THEN STAPLE MATTING AT CHECK SLOTS.

LEGEND:

- PROPERTY LINE
- GIANT SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SILT FENCE
- PROPOSED STORM SEWER
- TEMPORARY DRAINAGE SWALE
- 520 MAJOR CONTOUR
- 521 MINOR CONTOUR
- 520 EXISTING MAJOR CONTOUR
- 521 EXISTING MINOR CONTOUR
- INLET PROTECTION
- SILT SOCK INLET PROTECTION
- STONE
- TEMPORARY SEDIMENT BASIN

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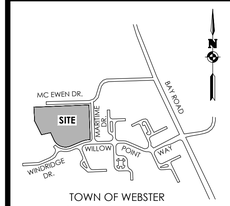
architecture engineering



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(585) 325-1000
FAX: (585) 325-1691

PROJECT MANAGER — DAVID COX, P.E.
PROJECT ENGINEER — ANDREW BURNS, P.E.
DESIGNER — CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION

EROSION CONTROL PLAN: SEQUENCE D

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 105D

DATE:
JANUARY 2025

HORIZONTAL SCALE

30 0 15 30 60

SCALE: 1"=30'

N

DISCHARGE POINT

STONE SPILLWAY

DEWATERING PIPE DISCHARGED TO TEMPORARY SEDIMENT BASIN

TEMPORARY SEDIMENT BASIN WITH STONE OVERFLOW

BUILDING 6
PROPOSED 2-STORY
6 UNIT TOWNHOME BUILDING

BUILDING 5
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

SEQUENCE E SILT FENCE

SEQUENCE E SILT FENCE

DEWATERING PIPE TO BE DISCHARGED TO TEMPORARY SEDIMENT BASIN

SEDIMENT BASIN 1
REQUIRED STORAGE: 1840 CF (1,000 CF/AC x 0.40 ACRES + 3,600 CF/AC x 0.40 ACRES)
PROVIDED STORAGE: 2,574 CF

SEDIMENT BASIN 9
REQUIRED STORAGE: 1,288 CF (1,000 CF/AC x 0.28 ACRES + 3,600 CF/AC x 0.28 ACRES)
PROVIDED STORAGE: 2,409 CF

DISCHARGE POINT

CONCRETE WASHOUT AREA

MC EWEN DRIVE

WILLOW POINT WAY

MARITIME DRIVE

MARITIME DRIVE

DRAINAGE INLET MH TG=393.92'

DRAINAGE INLET MH TG=395.53'

DMH RIM=410.05'

2" PE GAS MAIN

HH WATER METER

CB TG=409.76

DRAINAGE INLET MH TG=410.20'

DRAINAGE INLET MH TG=422.99'

DRAINAGE INLET MH TG=424.36'

TG=394.85

CB TG=423.24'

DMH RIM=421.38'

CB TG=417.32'

CB TG=417.43'

CB TG=413.83'

DMH TG=417.19'

CB TG=413.00'

DMH TG=412.28'

CB TG=403.23'

DMH TG=390.78

DMH RIM=395.30

CB 4.5:0 RIM=382.84

DRAINAGE MH RIM=377.86

DRAINAGE INLET MH TG=358.66

TG=386.96

TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. INSTALL SILT FENCE AROUND BUILDINGS 5&6.
2. CONSTRUCT BUILDINGS 5&6.
3. DISCHARGE DEWATERING PIPES TO TEMPORARY SEDIMENT BASINS OR DRYWELLS.
4. CONSTRUCT REMAINING RETAINING WALLS.
5. MAINTAIN EXISTING EROSION CONTROL MEASURES.
6. REPLACE TOPSOIL AND FINE GRADE.
7. HYDRO-SEED ALL DISTURBED AREAS WITHIN 10 DAYS AFTER FINAL GRADING, CONTRACTOR IS RESPONSIBLE TO RESEED IF GRADING IS UNSATISFACTORY.
8. UPON APPROVAL OF THE TOWN, REMOVE ALL TEMPORARY SILTATION CONTROLS.
9. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL MAX. MAINTAIN 1:4 WHERE POSSIBLE.
10. MINIMUM OF 6" OF TOPSOIL IS TO BE PLACED ON ALL GRASS AREAS.
11. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON ACTUAL FIELD CONDITIONS AOBE. CONTRACTOR SHALL PROVIDE FOR THIS COST IN HIS CONTRACT.
12. ONCE SITE HAS BE STABILIZED ALL BIORETENTION AREAS AND SAND FILTERS SHALL BE EXCAVATED TO FULL DEPTH AND SAND AND SOIL MEDIA INSTALLED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SILTATION AND EROSION CONTROL MEASURES FROM INSTALLATION THROUGH MAINTENANCE AND REMOVAL AFTER REVEGETATION HAS BEEN ESTABLISHED.
14. ALL EROSION AND SEDIMENT CONTROL METHODS WILL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES OF 1:3 OR GREATER:

1. STRIP TOPSOIL ON SLOPE.
2. GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
3. REPLACE TOPSOIL.
4. TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
5. IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.
6. IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL.
7. SECURE THE JUTE MESH WITH STAPLES (11 GAUGE - 8"x1"x8") 24" APART THOUGH OUT THE MATTING (APPROXIMATELY 200 STAPLES PER 100 SY). STAPLES SHOULD BE DRIVEN FLUSH WITH THE GROUND.
8. SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE SOIL. THEN STAPLE MATTING AT CHECK SLOTS.

LEGEND:

- PROPERTY LINE
- GIANT SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SF — SILT FENCE
- PROPOSED STORM SEWER
- TEMPORARY DRAINAGE SWALE
- 520 — MAJOR CONTOUR
- 521 — MINOR CONTOUR
- -520- — EXISTING MAJOR CONTOUR
- -521- — EXISTING MINOR CONTOUR
- INLET PROTECTION
- SILT SOCK INLET PROTECTION
- STONE
- TEMPORARY SEDIMENT BASIN

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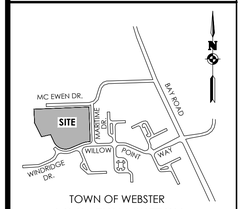


TOWN OF WEBSTER

LOCATION SKETCH

N.T.S.

STAMP:

CLIENT:

MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates

242 WEST MAIN ST., SUITE 100 ROCHESTER, NY 14614
(585) 325-1000 FAX: (585) 325-1691

PROJECT MANAGER — DAVID COX, P.E.
PROJECT ENGINEER — ANDREW BURNS, P.E.
DESIGNER — CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION

EROSION CONTROL PLAN: SEQUENCE E

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**

COUNTY: **MONROE** STATE: **NY**

PROJECT NO.: **20243903.0002**

DRAWING NO.: C 105E

DATE: **JANUARY 2025**

REFER TO SHEET C201 FOR LANDSCAPING NOTES AND SHEET C 204 FOR FOUNDATION PLANTING PLANS AND PLANT SCHEDULE

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'

MC EWEN DRIVE

BUILDING 6
PROPOSED 2-STORY
6 UNIT TOWNHOME BUILDING

BUILDING 5
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

BUILDING 4
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

BUILDING 3
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

BUILDING 1
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

BUILDING 2
PROPOSED 2-STORY
10 UNIT TOWNHOME BUILDING

PROPOSED BIO-RETENTION AREA #1
PROPOSED BIO-RETENTION AREA #2
PROPOSED BIO-RETENTION AREA #3
PICKLEBALL COURT
DOG PARK ±1,500 SF
COMMUNITY CENTER ±1,500 SF
PROPOSED SAND FILTER
EXISTING TRAIL
MARITIME DRIVE
WILLOW POINT WAY
ACTUAL LIMITS OF EXISTING STEEP SLOPES (> 15%)
TOWN OF WEBSTER WOODLOT ENVIRONMENTAL PROTECTION OVERLAY DISTRICT
TOWN OF WEBSTER STEEP SLOPE ENVIRONMENTAL PROTECTION OVERLAY DISTRICT

LUMINAIRE SCHEDULE

LIGHTING POLE W/ ISO FOOT CANDLE LINES-

1.0 FOOTCANDLES
0.5 FOOTCANDLES
0.25 FOOTCANDLES

LXD DAYFORM BY STREETWORKS
DARK SKY POST TOP FIXTURE

POST LANTERN SPEC:
UTLD TRADITIONAIRE LED DOWNLIGHT
MODEL NO. UTLD-AF24-30-5LTD-U-SWQ

17' BLACK TAPERED FIBERGLASS POLE

FINISH GROUND

DIRECT BURY BASE PER MANUFACTURING RECOMMENDATION

14'

48"

12"

THE CONTRACTOR SHALL PROVIDE A PRIVATE ELECTRICAL CONDUIT/CIRCUIT AND METERED PANEL FOR PROPOSED POLE MOUNTED LIGHT FIXTURE AS SHOWN PER THIS PLAN.

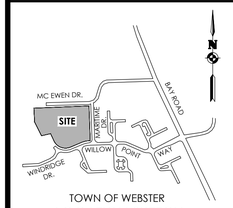
NOTES:
1. FOUNDATION SHOWN IS A TYPICAL DESIGN. WIND LOADS OF MORE THAN 90 MPH AND UNSTABLE SOIL MAY REQUIRE AN ALTERNATE DESIGN. CONTRACTOR SHALL ADVISE ENGINEER OF UNSTABLE SOIL CONDITIONS.
2. FOUNDATIONS SHALL EXTEND BELOW FROST DEPTH PER LOCAL CODES.

COLONIAL RESIDENTIAL LANTERN
N.T.S.

APPROVED BY_____ DATE_____
PLANNING BOARD CHAIRMAN

APPROVED BY_____ DATE_____
COMMISSIONER OF PUBLIC WORKS

PASSERO
architecture engineering



TOWN OF WEBSTER
LOCATION SKETCH
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PROJECT ENGINEER — ANDREW BURNS, P.E.
DESIGNER — CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			

LANDSCAPING & LIGHTING PLAN

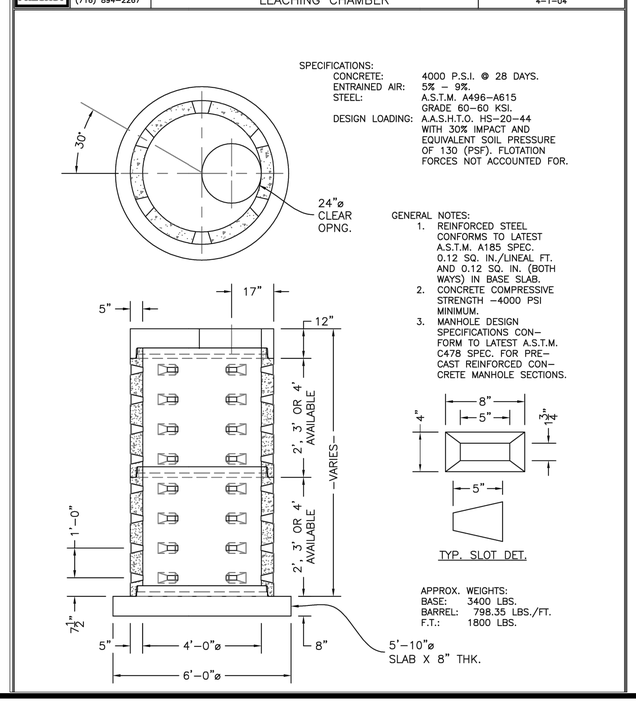
WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 106

DATE:
JANUARY 2025



UTILITY CONTRACTOR COORDINATION NOTES:

1. PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL UTILITY CONNECTIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS FOR INCLUDING BUT NOT LIMITED TO VERTICAL AND HORIZONTAL LOCATION, PENETRATIONS, AND SIZES. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION OF COORDINATION WITH CONTRACTORS, AND PLANS.

2. THE DEVELOPER AND HIS/HER CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL, CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET WITH APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET.

3. PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND COORDINATE WITH EXISTING UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION EXISTING UTILITY VERIFICATION.

4. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH SITE CONTRACTOR/PLUMBER & SEWER CONTRACTOR TO PREDETERMINE THE NECESSARY WYE & CLEANOUT LOCATION ON THE STORM SEWER SYSTEM. THE STORM SEWER SYSTEM IS RECOMMENDED AND MAY BE MODIFIED TO PROVIDE ADEQUATE ROOF DRAINAGE CONNECTIONS.

5. THRUST BLOCKS ON THE WATERMAIN ARE REQUIRED AT BENDS, TEES OR PLUGS. SEE DETAIL SHEETS FOR THRUST BLOCK DETAILS.

STORM NOTES

1. STORM SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE MUNICIPALITY

2. PROPOSED STORM SEWER LATERAL MATERIAL:
   PVC SDR-35 6" MIN. SIZE & SHALL BE LAID AT A MINIMUM GRADE OF 1/4" PER FT.
   STORM SEWER MATERIAL:
   ADS HDPE 12" MIN.

3. FOUNDATION DRAINS SHALL BE CONNECTED TO STORM WATER SYSTEM VIA SUMP PUMPS. DOWNSPOUTS SHALL BE CONNECTED TO STORM SEWER WHERE APPLICABLE, WHERE NOTED ON THE PLANS DOWNSPOUTS SHALL DISCHARGE TO SPLASH BLOCKS.

4. UPON COMPLETION OF SYSTEM INSTALLATION, THE MAIN SEWER SYSTEM AND LEADS TO STRUCTURES SHALL BE FLUSHED AND LAMPED OR MANDREL TESTED TO THE SATISFACTION OF THE MUNICIPALITY.

SANITARY NOTES

1. SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE STATE, COUNTY AND LOCAL MUNICIPALITY
2. MATERIALS
   - MAINS - PIPING SHALL BE POLYVINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-35. PIPING AND FITTINGS SHALL MEET:
     ASTM D-3034 (4" THRU 15")
     ASTM F-679 (18" THRU 48")
   - LATERALS - 4" MIN. INSTALLED AT $\frac{1}{4}$" PER FOOT MIN. PIPING SHALL BE POLYVINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-21. PIPING AND FITTINGS SHALL MEET ASTM D-2241.
   - JOINTING MATERIALS - SHALL BE BELL-AND-SPIGOT WITH INTEGRAL PUSH ON TYPE ELASTOMERIC GASKET JOINTS, GASKET MATERIAL TO BE NEOPRENE MEETING ASTM D-3212.
   - MANHOLES - SHALL BE PRECAST CONCRETE WITH NEOPRENE GASKETS MEETING ASTM C-478 & ASTM C-443.

3. INFILTRATION AND EXFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER 24 HOURS.

4. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM C-828-80, ENTITLED STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VITRIFIED CLAY PIPELINES; SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.

5. VACUUM TESTING OF MANHOLES IS ALLOWED. THE CONTRACTOR IS CAUTIONED TO SPEAK TO THE SUPERINTENDENT OF SEWERS PRIOR TO COMMENCING WITH PLANS TO VACUUM TEST.

6. DEFLECTION TEST - TEN STATE STANDARDS.
   - 6.A. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS.
   - 6.B. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDRELL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
   - 6.C. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.

7. ALL SANITARY SEWER INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE SPECIFICATIONS, REGULATIONS, AND POLICIES OF THE PENFIELD SEWER DISTRICT.
8. ALL HOUSE LATERALS SHALL HAVE A CLEANOUT AT THE PROPERTY LINE OR EASEMENT LINE.

9. FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER/COMBINATION SEWER. (FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS). ALL DISCHARGES TO THE SANITARY/ COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.

10. SEPARATION - MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION. WHEN THE WATER MAIN PASSES UNDER A SEWER ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES. MANHOLES OR VAULTS.
11.
12. SEWER USE LAW: FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY/COMBINATION SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS. NOTE: ALL DISCHARGES TO THE SANITARY/COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND OR MONROE COUNTY SEWER USE LAW.

SEWER USE LAW:

FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY/COMBINATION SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS.

NOTE: ALL DISCHARGES TO THE SANITARY/COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND OR MONROE COUNTY SEWER USE LAW.

STANDARD SANITARY SEWER EXTENSION NOTES:

1. MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C828-86 ENTITLED PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES. SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXFILTRATION OR VACUUM. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION - TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (LATEST REVISION).

2. FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.

3. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

4. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

EROSION AND SEDIMENT CONTROL NOTES:

(OCTOBER 2021)

1. IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THE CONTRACT DOCUMENTS, AND IF NECESSARY, MODIFY THE PLAN WITH THE CONTRACTOR'S INTENDED SEQUENCE AND TYPES OF OPERATIONS. THE CONTRACTOR'S MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS WORK.

2. IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL DESIGNATE AN "EROSION AND SEDIMENT CONTROL SUPERVISOR" FOR THE PROJECT. THE SUPERVISOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN AND FOR INSPECTING AND MAINTAINING THE CONTROL MEASURES. THE NAME AND QUALIFICATIONS (TRAINING AND EXPERIENCE) OF THIS INDIVIDUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING EARTHWORK.

3. THE DESIGNATED "EROSION AND SEDIMENT CONTROL SUPERVISOR" SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO SUBMIT A MODIFIED EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTING ANY FIELD CHANGES.

4. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.

5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE FOR WHICH THEY ARE INTENDED AND SHALL REMAIN IN PLACE UNTIL SOILS ARE PERMANENTLY STABILIZED.

6. UNDER NO CONDITION SHALL DISCONTINUED CONSTRUCTION ACTIVITIES IN AREAS WITH SOIL DISTURBANCES BE LEFT FOR A PERIOD OF GREATER THAN 7 DAYS WITHOUT TEMPORARILY STABILIZING THOSE AREAS WITH TEMPORARY SEED AND MULCH. MAINTENANCE OF THOSE AREAS SHALL INCLUDE RESEEDING AND REMULCHING AS NEEDED TO ESTABLISH A SATISFACTORY STAND OF GRASS. THERE SHALL BE NO ADDITIONAL PAYMENT FOR RESEEDING AND REMULCHING.

   NO WET OR FRESH CONCRETE, LEACHATE, MATERIAL, OR DEBRIS SHALL BE ALLOWED TO ESCAPE INTO A WATER BODY OR WETLAND, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER A WATER BODY OR WETLAND. ANY MATERIAL OR DEBRIS ACCIDENTALLY DROPPED INTO THE CHANNEL SHALL BE IMMEDIATELY AND COMPLETELY REMOVEDAND DEPOSITED IN AN UPLAND AREA.

7. THE CONTRACTOR SHALL COVER TEMPORARY STOCKPILES OF ERODIBLE MATERIAL (SUCH AS TOPSOIL OR EARTH FILL) WITH POLY SHEETING, OR RING THE STOCKPILES WITH SILT FENCE TO CONTROL EROSION. POLY SHEETING SHALL COMPLETELY COVER THE STOCKPILE AND BE SECURELY ANCHORED AT ALL TIMES. ANY POLY SHEETING OR SILT FENCE THAT IS DAMAGED SHALL BE PROMPTLY REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. RINGED STOCKPILES EXPOSED OR EXPECTED TO BE EXPOSED FOR LONGER THAN 7 CALENDAR DAYS SHALL IMMEDIATELY BE STABILIZED WITH APPROPRIATE MEASURES. THE COST OF COVERING AND RINGING/STABILIZING STOCKPILES SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STOCKPILED MATERIAL.

8. DUST CONTROL MEASURES SHALL BE APPLIED AS NEEDED. SWEEP ROADWAYS WHEN THEY BECOME SEDIMENT LADEN. MINIMIZE DISTURBED AREAS, APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING WATER. WATER SHALL BE SPRAYED AS NEEDED BUT AVOID EXTRA SPRAYING WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.

SOIL RESTORATION NOTES:

1. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12" USING CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS.
2. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4" AND LARGER ARE CLEANED OFF SITE.
3. APPLY TOPSOIL TO A DEPTH OF 6 INCHES ON ALL AREAS BEING RETURNED TO GRASS.
4. VEGETATE AS REQUIRED BY APPROVED PLAN.

TEMPORARY CONSTRUCTION AREA SEEDING NOTES:

1. THE AREA MUST BE ROUGH GRADED AND SLOPES PHYSICALLY STABLE.

2. SEEDING MUST TAKE PLACE WITHIN 24 HOURS OF DISTURBANCE OR SCARIFICATION OF THE SOIL WILL BE NEEDED PRIOR TO SEEDING.
3. TYPICALLY FERTILIZER OR LIME IS NOT USED FOR TEMPORARY SEEDINGS.
4. ANY SEEDING METHOD MAY BE USED THAT PROVIDES UNIFORM APPLICATION OF SEED TO THE AREA.
5. SEEDING

PLANTING SEASON	SPECIES	RATE IN LBS./ACRE
SPRING, SUMMER, OR EARLY FALL	RYEGRASS (ANNUAL OR PERENNIAL)	30
LATE FALL OR EARLY WINTER	WINTER RYE (CEREAL RYE)	100

*MULCH THE AREA WITH HAY OR STRAW AT 2 TONS/ACRE. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO SPECIFICATIONS.

COMPACTION NOTES

1. THE CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS WITHIN THE PROPOSED GRADING LIMITS PRIOR TO PLACEMENT OF FILL MATERIAL.

2. ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.

3. THE COMPACTION TESTS WILL BE CONDUCTED BY A LICENSED TESTING LABORATORY AND RESULTS SUBMITTED TO DESIGN ENGINEER.

STANDARD WATER MAIN EXTENSION NOTES:

1. THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM.
   ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.
   THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.
   FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.
   THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY.
   THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.

2. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.

4. THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

PUBLIC WATER SYSTEM NOTES

WATER MAINS AND APPURTENANCES TO BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND SPECIFICATIONS OF THE MONROE COUNTY WATER AUTHORITY:

MATERIAL:

- WATER MAIN(S) SHALL BE 8 INCH DUCTILE IRON CEMENT-LINED CLASS 51.
- WATER SERVICE(S) SHALL BE 1 INCH TYPE K COPPER FROM THE WATER MAIN TO THE CURB BOX AND 1 INCH (TYPE K SOFT COPPER OR PE #3408) FROM THE CURB BOX TO THE METER.
- WATER METER(S) SHALL BE LOCATED ON THE INTERIOR OF EXTERIOR WALLS IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING(S). ON METERED SERVICES REQUIRING A 1 1/2-INCH OR LARGER METER A BYPASS AROUND THE METER IS REQUIRED.
- ALL GATE VALVES SHALL HAVE STAINLESS STEEL BODY AND BONNET BOLTS.

TESTS:

- SOIL TEST. THE CONTRACTOR SHALL PROVIDE A SOIL TEST EVALUATION TO DETERMINE THE NEED FOR POLYETHYLENE ENCASEMENT PER ANSI/AWWS CL 05/AZ1.5-82 PRIOR TO WATER MAIN INSTALLATION. SOIL TESTING SHALL BE CONDUCTED BY AN APPROVED SOIL TESTING LABORATORY IN ACCORDANCE WITH WATER AUTHORITY STANDARDS.
- PRESSURE TEST. WATER MAINS TO BE PRESSURE TESTED IN ACCORDANCE WITH THE LATEST WATER AUTHORITY SPECIFICATIONS. A WATER AUTHORITY REPRESENTATIVE MUST WITNESS THIS TEST.
- HEALTH SAMPLE. THE WATER MAIN SHALL BE DISINFECTED EQUAL TO AWWA STANDARD SPECIFICATIONS, DESIGNATION C-651, BY USING THE CONTINUOUS FEED METHOD. AFTER FLUSHING AND DISINFECTING THE WATER MAIN, WATER SAMPLES SHALL BE COLLECTED FROM THE MAIN BY THE MONROE COUNTY HEALTH DEPARTMENT. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. APPROVAL AND NOTIFICATION BY THE HEALTH DEPARTMENT MUST BE RECEIVED BEFORE THE MAIN IS PLACED IN SERVICE.

INSTALLATION:

- WATER MAINS AND ALL WATER SERVICE LINES SHALL HAVE A MINIMUM OF FIVE FEET OF COVER FROM FINISHED GRADE IN LAWN AREAS AND A MINIMUM OF SIX FEET OF COVER FROM FINISHED GRADE IN PAVED AREAS.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN AND SEWER MAINS SHALL BE 18" MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SEWER MAINS SHALL BE TEN FEET MEASURED FROM THE OUTSIDE OF THE PIPES. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWERS TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING THE WATER MAINS.
- FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED WHEN GROUND WATER IS ENCOUNTERED WITHIN SEVEN FEET OF THE FINISHED GRADE.
- ALL MECHANICAL JOINT FITTINGS (TEES, BENDS, PLUGS, ETC.) SHALL BE BACKED WITH 2500 PSI CONCRETE THRUST BLOCKS

PRECAST	KISTNER CONCRETE PRODUCTS INC. 8713 READ ROAD E. PEMBROKE, N.Y. 14056 (716) 894-2267	PRODUCT DESIGNATION	DWG. NO.
		4'-0" DIA. LEACHING CHAMBER	LC-LC4DIA © 4-1-04

SPECIFICATIONS:

CONCRETE:	4000 P.S.I. @ 28 DAYS.
ENTRAINED AIR:	5% – 9%.
STEEL:	A.S.T.M. A496-A615 GRADE 60-60 KSI.
DESIGN LOADING:	A.A.S.H.T.O. HS-20-44 WITH 30% IMPACT AND EQUIVALENT SOIL PRESSURE OF 130 (PSF). FLOTATION FORCES NOT ACCOUNTED FOR.

GENERAL NOTES:
1. REINFORCED STEEL CONFORMS TO LATEST A.S.T.M. A185 SPEC. 0.12 SQ. IN./LINEAL FT. AND 0.12 SQ. IN. (BOTH WAYS) IN BASE SLAB.
2. CONCRETE COMPRESSIVE STRENGTH –4000 PSI MINIMUM.
3. MANHOLE DESIGN SPECIFICATIONS CONFORM TO LATEST A.S.T.M. C478 SPEC. FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.

TYP. SLOT DET.

APPROX. WEIGHTS:

BASE:	3400 LBS.
BARREL:	798.35 LBS./FT.
F.T.:	1800 LBS.

TOPSOIL AND SEEDING NOTES:

1. THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR ROUGH GRADING AND RE-SPREADING TOPSOIL IN ALL TURF AND LANDSCAPE AREAS (BEDS AND ISLANDS).

2. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND PREPARATION OF ALL LAWN AND LANDSCAPE AREAS.

3. REMOVE ALL EXISTING VEGETATION DURING GRADING PROCESS.

4. APPLY MINIMUM OF SIX (6) INCHES OF CLEAN TOPSOIL (IMPORTED OR SCREEN ON-SITE) AND FINE GRADE, LEAVING TOPSOIL IN A LOOSE AND FRIABLE CONDITION FOR SEEDING.

5. LIME SOIL OR ADD OTHER ORGANIC AMENDMENTS AS NECESSARY TO ACHIEVE A SOIL pH BETWEEN 5.5 - 7.0.

6. LANDSCAPE CONTRACTOR SHALL WORK OVER LAWN AREAS THAT HAVE REMAINED PARTIALLY INTACT, TOP DRESSING WITH SOIL. SCARIFYING, AND SEEDING TO FORM A SMOOTH, FULL, EVEN LAWN, FREE OF BARE SPOTS, INDENTATIONS, AND WEEDS.

7. SEEDING SHOULD BEGIN IMMEDIATELY UPON COMPLETION OF FINE GRADING. SEED SHOULD BE PRESSED INTO THE SOIL TO CREATE GOOD SEED-TO-SOIL CONTACT, NO DEEPER THAN THE THICKNESS OF THE SEED.

8. FERTILIZING, APPLY 10-0-10 FERTILIZER EVENLY AT THE RATE OF 20 POUNDS PER 1000 SQ FT. NO FERTILIZER CONTAINING PHOSPHORUS IS PERMITTED ON SITE.

9. SEED SHOULD BE APPLIED EITHER BY HAND BROADCASTING OR HYDRO SEEDING. TWO PASSES SHALL BE MADE IN PERPENDICULAR DIRECTIONS TO INSURE PROPER COVERAGE.

10. LAWN SEED MIX

    MIX A: SEEDING RATE: 6 LBS./1,000 SQ.FT
    LOW MAINTENANCE FESCUE LAWN
    PREFERRED SEED : LOW MAINTENANCE GRASS SEED MIX 0R APPROVED EQUAL

    25% FIREFLY HARD FESCUE
    25% BIG HORN GT HARD/SHEEP
    20% INTRIGUE CHEWINGS FESCUE
    20% QUATRO SHEEP FESCUE
    10% MINOTAUR HARD FESCUE

    MIX B: SEEDING RATE: 4LBS./1,000 SQ.FT
    OCCASIONAL WET - WET LOCATIONS:

20% RED TOP	20% VIRGINIA WILD RYEGRASS
20% ALKALI GRASS	20% FOX SEDGE
10% AUTUMN BENTGRASS	10% FOWL BLUEGRASS

11. DRY APPLICATION MULCH
    - A. STRAW MULCH SHOULD BE APPLIED TO NEWLY SEEDED AREAS WITHIN 12 HOURS IF HYDRO MULCH IS NOT UTILIZED.
    - B. DRY APPLICATION, STRAW: STALKS OF OATS, WHEAT, RYE OR OTHER APPROVED CROPS WHICH ARE FREE OF NOXIOUS WEEDS. WEIGHT SHALL BE BASED ON A 15 PERCENT MOISTURE CONTENT.
    - C. DRY APPLICATION: WITHIN ONE DAY AFTER SEEDING, COVER THE SEEDED AREAS WITH A UNIFORM BLANKET OF STRAW MULCH AT THE RATE OF 100 POUNDS PER 1000 SQ FT OF SEEDED AREA.

12. HYDRO APPLICATION: APPLY APPROVED MULCH IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDED RATES OF APPLICATION. APPLY SEEDING MATERIALS WITH AN APPROVED HYDRO SEEDER.

    A.COLORED WOOD CELLULOSE FIBER PRODUCT SPECIFICALLY DESIGNED FOR USE AS A HYDRO-MECHANICAL APPLIED MULCH. ACCEPTABLE PRODUCT: CONWED HYDRO MULCH, CONWED FIBERS, 231 4TH STREET SW, HICKORY, NC

13. FILL TANK WITH WATER AND AGITATE WHILE ADDING SEEDING MATERIALS. USE SUFFICIENT FERTILIZER, MULCH, AND SEED TO OBTAIN THE SPECIFIED APPLICATION RATE. ADD SEED TO THE TANK AFTER THE FERTILIZER AND MULCH HAVE BEEN ADDED. MAINTAIN CONSTANT AGITATION TO KEEP CONTENTS IN HOMOGENEOUS SUSPENSION. PROLONGED DELAYS IN APPLICATION OR AGITATION THAT MAY BE INJURIOUS TO THE SEED WILL BE THE BASIS OF REJECTION OF MATERIAL REMAINING IN TANK.

14. DISTRIBUTE UNIFORMLY A SLURRY MIXTURE OF WATER, SEED, FERTILIZER, AND MULCH AT A MINIMUM RATE OF 57 GALLONS PER 1000 SQ FT (2500 GALLONS PER ACRE). THE OWNER AND PROJECT REPRESENTATIVE MAY ORDER THE AMOUNT OF WATER INCREASED IF DISTRIBUTION OF SEEDING MATERIALS IS NOT UNIFORM.

LANDSCAPING NOTES:

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY STATE AND LOCAL PERMITS REQUIRED. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE DESIGN STANDARDS AND CODES.

2. IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID SUBMITTAL, TO BECOME FAMILIAR WITH EXISTING CONDITIONS AT THE SITE.

3. STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", ANSI Z60.1 (LATEST EDITION) REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE THE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS DELIVERED AND INSTALLED ON THIS PROJECT.

4. ALL PLANTS MUST BE HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.

5. ALL PLANTS MUST BE HARDY UNDER CLIMATE CONDITIONS THAT EXIST AT THE PROJECT SITE AND GROWN AT A NURSERY IN THE SAME HARDINESS ZONE AS THE PROJECT LOCATION.

6. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AN MEET SIZE REQUIREMENTS AS INDICATED ON THE PLANT LIST.

7. ALL TREES MUST BE STRAIGHT-TRUNKED, INJURY FREE, HAVE A FULL, SYMMETRICAL CROWN (HEAD) AND MEET ALL REQUIREMENTS SPECIFIED (E.G. SINGLE STEM, MULTI-STEM, HEAVY BRANCHED, ETC.).

8. ANY PROPOSED DEVIATION TO THE LANDSCAPE PLAN MUST FIRST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION OF THE PROPOSED LANDSCAPING CHANGES.

9. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS. THE BID PRICE SUBMITTED WILL ASSUME THAT ALL PLANT MATERIALS DELINEATED WILL BE SUPPLIED AND INSTALLED. ANY DISCREPANCIES IN THE QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND/OR DESIGN LANDSCAPE ARCHITECT (OWNER'S REPRESENTATIVE) PRIOR TO COMPLETING A BID PRICE.

10. ALL GRADING AND UTILITY WORK SHALL BE COMPLETED PRIOR TO INSTALLATION OF PLANT MATERIAL AND LANDSCAPE MULCH.

11. THE FINAL LOCATION OF TREES AND OTHER LANDSCAPING SHALL BE DETERMINED IN THE FIELD BASED ON UTILITY STAKEOUT AND SHALL NOT CONFLICT WITH TRAFFIC SIGNS AND/OR UTILITIES. STAKE OUT SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.

12. ANY CONCERNS RELATED TO SITE CONDITIONS AND/OR PLANT LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

13. PLANTING BACKFILL MIXTURE: 4 PARTS TOPSOIL (ON-SITE OR IMPORTED), 1 PART PEAT MOSS, 1/2 PART WELL ROTTED MANURE AND 10 LBS. 5-0-5 PLANTING FERTILIZER, MIXED THOROUGHLY PER CUBIC YARD.

14. MULCH ALL PLANT BEDS, AND INDIVIDUAL TREES IN LAWN AREAS WITH SHREDDED HARDWOOD BARK MULCH TO A DEPTH OF THREE (3") INCHES UNLESS OTHERWISE SPECIFIED ON PLANTING DETAILS, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT DUE TO SITE CONDITIONS.

15. ANY PLANT WHICH TURNS BROWN, DEFOLIATES OR DIES PRIOR TO FINAL ACCEPTANCE BY THE OWNER, OR DESIGN LANDSCAPE ARCHITECT, SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH THE SAME PLANT (SPECIES, VARIETY AND SIZE) AS SPECIFIED ON THE PLANT SCHEDULE (LIST).

16. THE CONTRACTOR SHALL MAINTAIN ALL PLANT MATERIALS AND LAWN AREAS UNTIL THE PROJECT HAS RECEIVED FINAL ACCEPTANCE BY THE OWNER OR OWNER'S REPRESENTATIVE. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO: WATERING, MULCHING, FERTILIZING, SPRAYING (FUNGICIDE, PESTICIDE, ANTI-DESICANT), AS WELL AS RAISING PLANTS THAT HAVE SETTLED TOO DEEP OR REQUIRE STRAIGHTENING.

17. UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, THE LANDSCAPE MATERIALS SHALL BE GUARANTEED FOR TWO (2) YEARS. THE GUARANTEE SHALL BE INCLUSIVE OF ALL MATERIAL AND LABOR COSTS. AT THE END OF THE GUARANTEE PERIOD THE OWNERS REPRESENTATIVE WILL INSPECT ALL PLANT MATERIALS. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REQUIRED REPLACEMENTS WITH PLANT MATERIALS MEETING THE SPECIFICATIONS (E.G. SPECIES, SIZE AND CHARACTER).

18. ALL AREAS DISTURBED BY SITE GRADING AND/OR UTILITY INSTALLATION SHALL RECEIVE APPROVED TOPSOIL (BASED ON APPROVED SAMPLES SUBMITTED BY THE CONTRACTOR) AND SPREAD TO A DEPTH NOT LESS THAN SIX (6")INCHES AFTER COMPACTION. TOPSOIL PLACED FOR LAWNS SHALL BE FINE GRADED, SEEDED, MULCHED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. THIS IS EXCLUDING FOUNDATION PLANT BEDS, AND ENTRANCE AREAS.

19. LOCATIONS OF EXISTING BURIED UTILITIES SHOWN ON THE SITE PLAN ARE BASED UPON THE BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO CALL FOR A UTILITY STAKEOUT PRIOR TO COMMENCING PLANT INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, AND SITE APPURTENANCES WHICH OCCURS AS A RESULT OF LANDSCAPE INSTALLATION OPERATIONS.

20. EXISTING TREES INDICATED TO BE REMOVED SHALL OCCUR UNDER THE SITE CONTRACT FOR THIS PROJECT. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR NEW PLANTINGS OR RESTORATION OF THE DISTURBED AREA (LAWNS, PLANT BEDS, ISLANDS).

21. PRE-EMERGENT HERBICIDE SHALL BE USED UNDER MULCH IN ALL TREE AND PLANT BED AREAS.

22. ALL SHRUB BEDS ADJACENT TO LAWN AREAS SHALL HAVE A SPADED EDGE BORDER, UNLESS METAL EDGE, CONCRETE, OR OTHER BORDER IS SPECIFIED.

PASSERO
architecture engineering

TOWN OF WEBSTER
LOCATION SKETCH
N.T.S.

STAMP:

DAVID LLOYD COX
090482

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691

PROJECT MANAGER	DAVID COX, P.E.
PROJECT ENGINEER	ANDREW BURNS, P.E.
DESIGNER	CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
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2			
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NOTES

WATERVIEW PHASE III
WEBSTER, NY

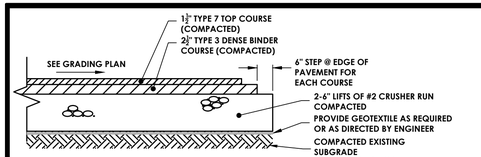
TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 201

DATE:
JANUARY 2025

Y:\PROJECTS-NEW\2024\20243903\20243903.0002\01_CAD-BIM-MODELS\CIVIL\20243903.0002 DETAILS.DWG 1/16/2025 8:56 AM Jacob Lewis



ASPHALT PAVEMENT SECTION

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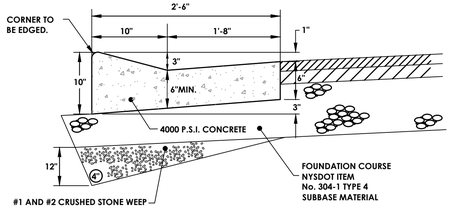


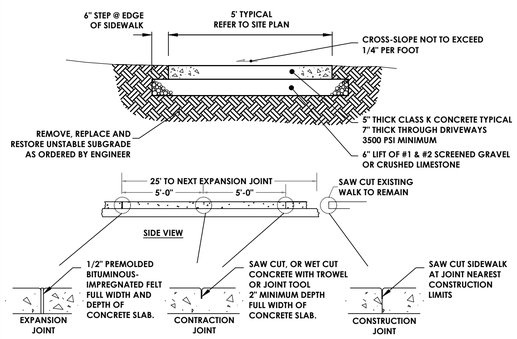
NOTES:
1. EXPANSION JOINTS AND FORMED CONTRACTION JOINTS ARE TO BE EDGED WITH CONCRETE FINISHING TOOLS.

2. CONTRACTION JOINTS TO BE AT 10' INTERVALS AND SHALL BE FORMED OR SAW CUT TO A DEPTH OF 1/2" BELOW THE SURFACE OF THE GUTTER.

3. EXPANSION JOINTS TO BE AT 100' INTERVALS AND SHALL BE FORMED WITH 3/4" WIDE PREMOLDED BITUMINOUS JOINT FILLER. THE FILLER MATERIAL SHALL BE CUT TO CONFORM TO THE CROSS SECTION OF THE GUTTER.

CONCRETE GUTTER DETAIL

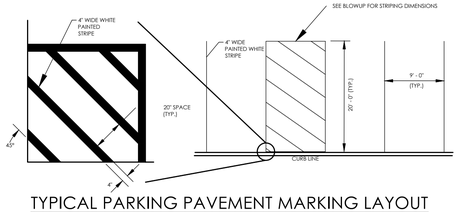
N.T.S.



NOTES:
1) THE GRAVEL OR STONE BASE SHALL BE PLACED ON A WELL GRADED AND COMPACTED SUBGRADE. THE GRAVEL OR STONE BASE SHALL BE THOROUGHLY COMPACTED.
2) ALL EXPOSED SURFACES SHALL BE BROOMED AND EDGES FINISHED WITH A 1.4" RADIUS EDGING TOOL. THE FINISHED CONCRETE SURFACE SHALL BE TREATED WITH A CLEAR, NON-YELLOWING CURING COMPOUND.
3) CONCRETE SHALL BE PLACED USING COLD WEATHER CONCRETE PROCEDURES IN ACCORDANCE WITH ACI 306 WHEN THE AMBIENT AIR SURFACE TEMPERATURE IS BELOW 40 DEGREES.
4) ALL WORK SHALL MEET THESE SPECIFICATIONS.
5) ALL WORK SHALL CONFORM TO ADA REQUIREMENTS.

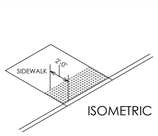
CONCRETE SIDEWALK

N.T.S.



TYPICAL PARKING PAVEMENT MARKING LAYOUT

DOME SECTION



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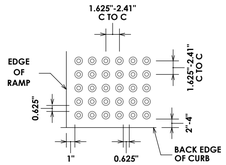
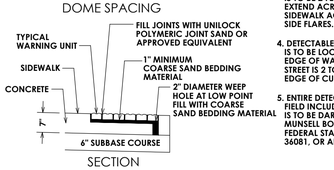


DOME SPACING



SECTION

DETECTABLE WARNING SURFACE DETAIL

N.T.S.

NOTES:

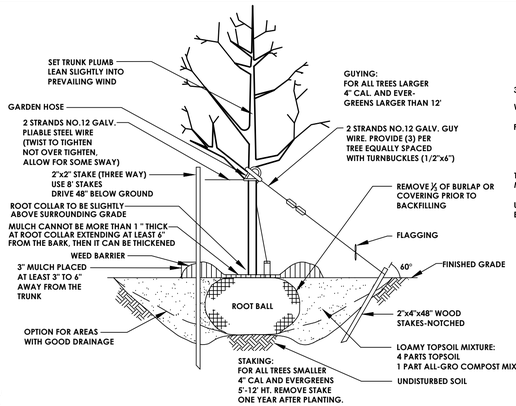
1. QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY, TO DEPICT REQUIRED SQUARE GRID PATTERN.

2. TRUNCATED DOMES ARE TO BE ALIGNED IN SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.

3. DETECTABLE WARNING SYSTEM FIELD IS TO BE 2 FEET DEEP, AND IS TO EXTEND ACROSS FULL WIDTH OF SIDEWALK ACCESS RAMP, BUT NOT UP SIDE FLARES.

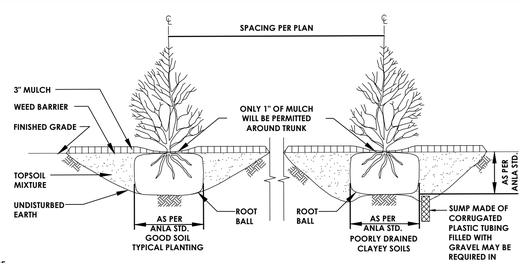
4. DETECTABLE WARNING SYSTEM FIELD IS TO BE LOCATED SUCH THAT OUTER EDGE OF WARNING FIELD NEAREST TO STREET IS 2 TO 4 INCHES OFF BACK EDGE OF CURB.

5. ENTIRE DETECTABLE WARNING SYSTEM FIELD INCLUDING TRUNCATED DOMES, IS TO BE DARK GRAY IN COLOR, PER MUNSELL BOOK NOTATION 10BG 3/1, FEDERAL STANDARD 595B NUMBER 36081, OR APPROVED EQUIVALENT.



TREE PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

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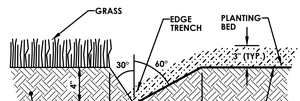

PLANTING BED EDGE TRENCH

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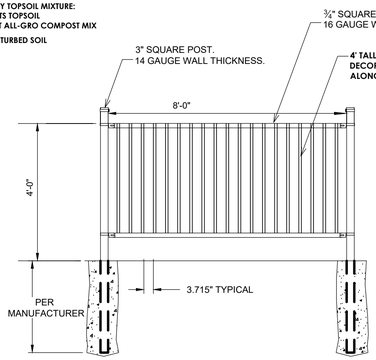
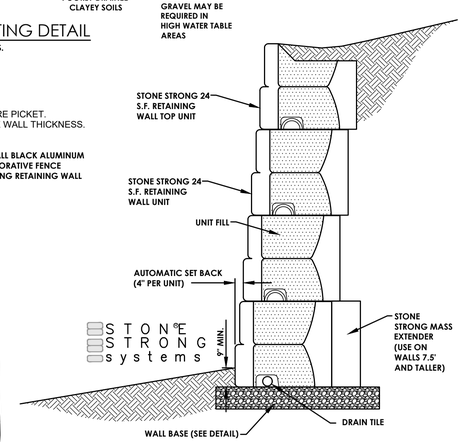


NOTES:
1. FENCE TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.

DECORATIVE FENCE

N.T.S.



24 S.F. GRAVITY WALL CROSS SECTION W/ MASS EXTENDER

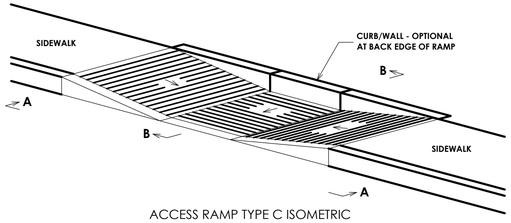
N.T.S.

TYPICAL POST MOUNT HANDICAP SIGN INSTALLATION

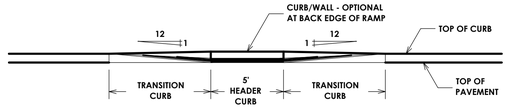
(SIGN IN LANDSCAPE AREA OR SIDEWALK)

N.T.S.

MODIFIED INTERNATIONAL SYMBOL OF ACCESS



ACCESS RAMP TYPE C ISOMETRIC



VIEW A-A

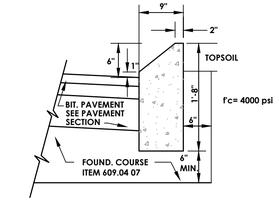
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.

2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.

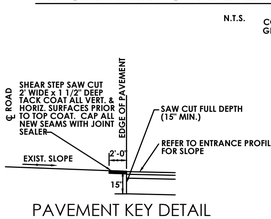
SIDEWALK ACCESS RAMP

N.T.S.



MOUNTABLE CONCRETE CURB DETAIL

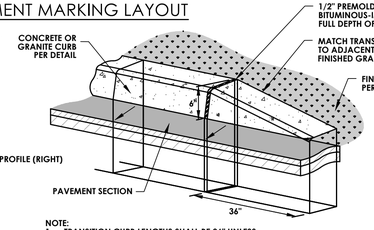
N.T.S.



PAVEMENT KEY DETAIL

(FOR CONNECTION TO EXISTING PAVEMENT)

N.T.S.

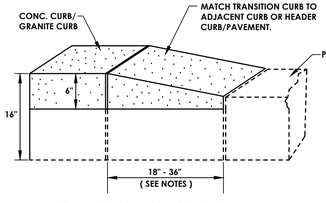


NOTE:
1. TRANSITION CURB LENGTHS SHALL BE 36" UNLESS OTHERWISE INDICATED IN THE DRAWINGS.

TRANSITION CURB TO GRADE

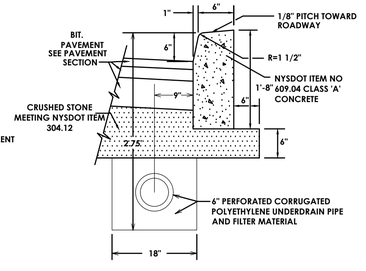
N.T.S.

NOTES :
1. PROVIDE 5/8" MAX. LIP FOR HEADER CURB AT SIDEWALK RAMPS.
2. TRANSITION CURB LENGTHS SHALL BE FROM 18' TO 36' AS DETERMINED BY THE PROJECT MANAGER UNLESS OTHERWISE INDICATED IN THE DRAWINGS.



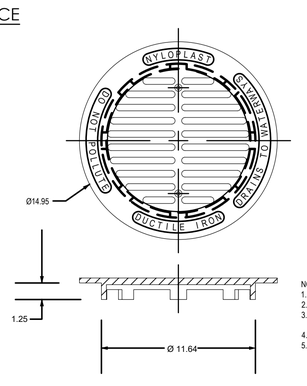
TRANSITION CURB DETAIL

N.T.S.

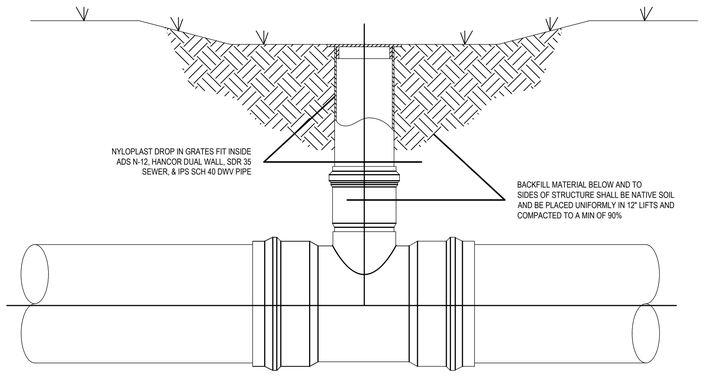


CONCRETE CURB DETAIL

N.T.S.



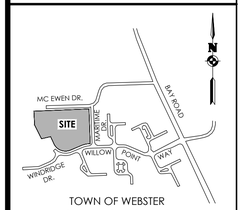
NOTE:
1. ALL DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE
2. GRATE HAS LIGHT DUTY RATING
3. QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
4. PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
5. SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.



NYLOPLAST DRAIN AND GRATE

N.T.S.

PASSERO
architecture engineering



TOWN OF WEBSTER
LOCATION SKETCH
N.T.S.

STAMP:

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100 ROCHESTER, NY 14614
(585) 325-1000 FAX: (585) 325-1691
PROJECT MANAGER: DAVID COX, P.E.
PROJECT ENGINEER: ANDREW BURNS, P.E.
DESIGNER: CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
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DETAILS

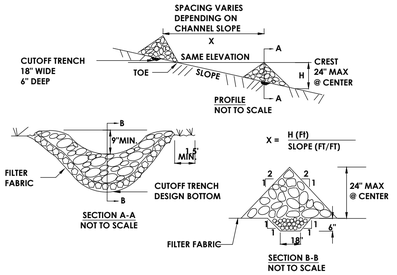
WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 202

DATE:
JANUARY 2025

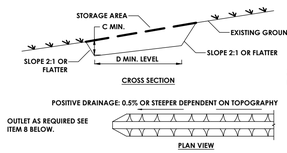


CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

STONE CHECK DAM

N.T.S.



CONSTRUCTION SPECIFICATIONS

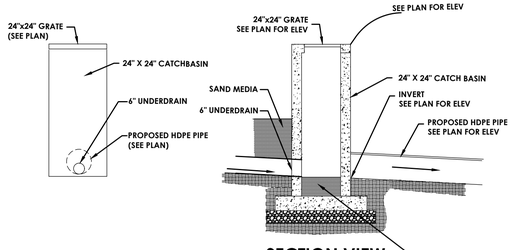
1. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
7. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
8. STABILIZATION SHALL BE AS PER THE FLOW CHANNEL STABILIZATION CHART BELOW:

TYPE OF TREATMENT	CHANNEL GRADE	A(S AC. OR LESS)	B(S AC - 10AC)
1	0.5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELSIOR
3	5.1-8.0%	SEED WITH JUTE OR EXCELSIOR, SOD	LINED WITH 4-8" RIP-RAP OR RECYCLED CONCRETE EQUIVALENT
4	8.1-20.%	LINED WITH 4-8" RIP-RAP	ENGINEERED DESIGN

9. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

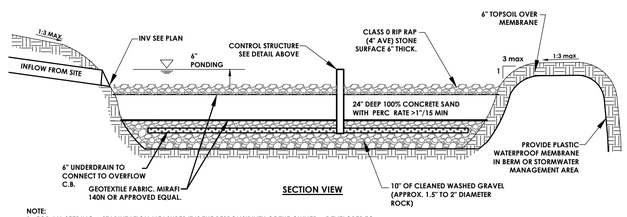
TEMPORARY SWALE DETAIL

N.T.S.



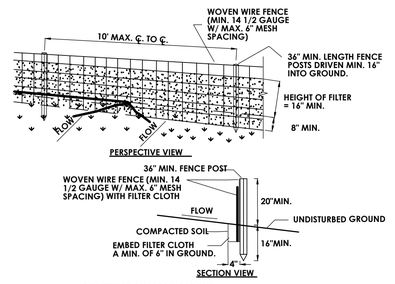
SAND FILTER CONTROL STRUCTURE

N.T.S.



NOTE:
1. FOR ALL SEEDING & STABILIZATION MEASURES IT IS THE RESPONSIBILITY OF THE OWNER & DEVELOPER TO ENSURE THAT FINAL STABILIZATION OCCURS AS REQUIRED BY THE NYSDEC.
2. SAND SHALL NOT BE PLACED IN BIO RETENTION AREA UNTIL SITE HAS REACHED 50% STABILIZATION. SILT FENCE TO BE PROVIDE AROUND ENTIRE BIO RETENTION AREA AT ALL TIMES.

SAND FILTER (SOIL MEDIA SECTION)

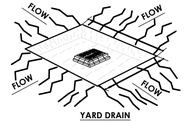


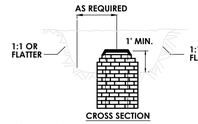
CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL

N.T.S.





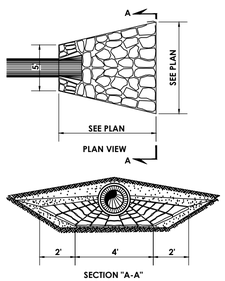
CONSTRUCTION SPECIFICATIONS

1. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
2. THE VOLUME OF SEDIMENT STORAGE SHALL BE 1800 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
6. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.

MAXIMUM DRAINAGE AREA: 3 ACRES

CATCH BASIN SEDIMENT TRAP

N.T.S.

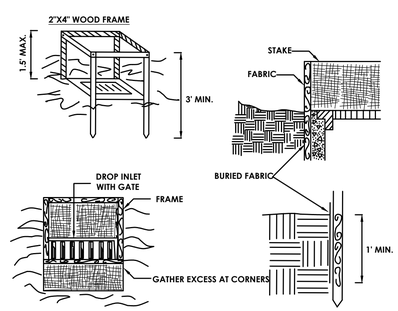


RIP-RAP DETAIL

N.T.S.

FILTER FABRIC DROP INLET PROTECTION

N.T.S.



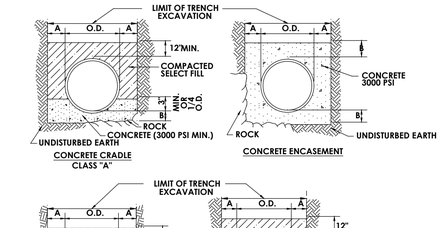
CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA 1 ACRE

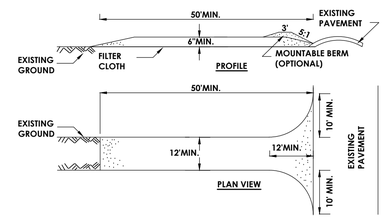
STORM SEWER/SANITARY SEWER BEDDING DETAILS

N.T.S.



PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

1. TRENCH BACKFILL SHALL BE AS REQUIRED BY THE HIGHWAY OWNER.
2. SELECT FILL SHALL BE SAND, GRAVEL, AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSION.
3. STONE BEDDING SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, JAN 2, 1990 EDITION, AS REVISED, SUBSECTION 703-0201 "CRUSHED STONE". PRIMARY SIZE 1 OR A MIXTURE OF PRIMARY SIZES 1 AND 2 WASHED.
4. COARSE AGGREGATE SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, JAN 2, 1990 EDITION, AS REVISED, SUBSECTION 703-0201 "CRUSHED STONE". PRIMARY SIZE 3 AND/OR 4
5. THIS FIGURE APPLIES TO SANITARY MAINLINE AND LATERAL PIPE INSTALLATION AS WELL AS FORCEMAINS.

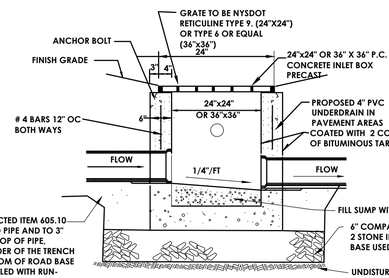


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

STABILIZED CONSTRUCTION ACCESS

N.T.S.

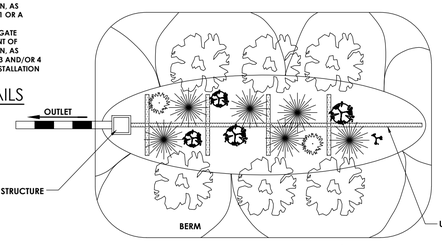


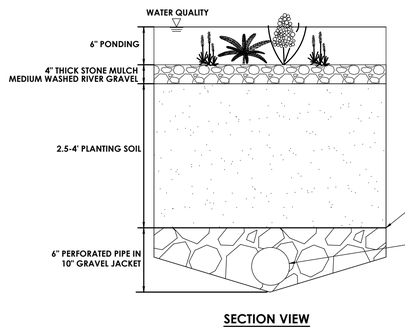
COMPACTED ITEM 605.10 AROUND PIPE AND TO 3" ABOVE TOP OF PIPE. REMAINDER OF THE TRENCH TO BOTTOM OF ROAD BASE TO BE FILLED WITH RUN-OF-BANK GRAVEL COMPACTED IN 6" LIFTS

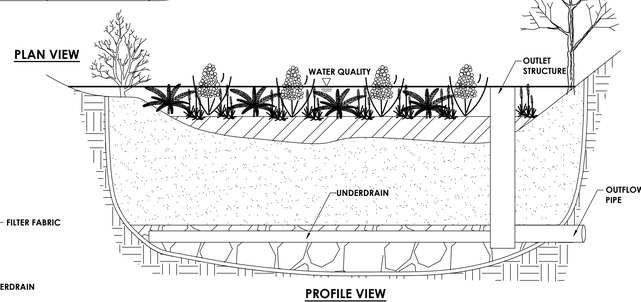
1. ALL CONCRETE TO BE 3500 psi CLASS A N.Y.S.D.O.T. ITEM 601.05
2. ALL CONCRETE IN CONTACT WITH ASPHALT PAVEMENT SHALL BE COVERED WITH A TACK COAT IN ACCORDANCE WITH N.Y.S.D.O.T. SECTION 407.

STANDARD CATCH BASIN

N.T.S.

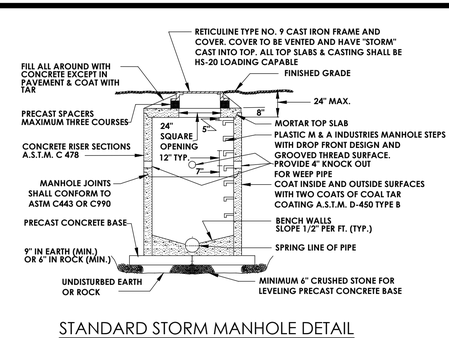






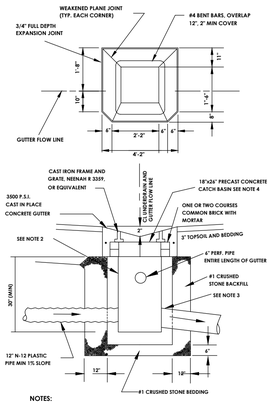
BIORETENTION AREA

N.T.S.



STANDARD STORM MANHOLE DETAIL

N.T.S.

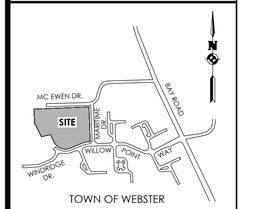


NOTES:

1. STANDARD SPECIFICATION REFERENCES
   SECTION 1B-EARTHWORK
   SECTION 1C-GUTTERS AND SIDEWALKS
   SECTION 2A-STORM DRAINAGE
2. ALL INTERIOR & EXTERIOR CONCRETE SURFACES TO RECEIVE TWO COATS KOPPERS SUPER SERVICE BLACK, OR EQUIVALENT
3. GROUT ALL SPACES BETWEEN PRECAST INLET AND PIPING (TYP.)
4. PRECAST REINFORCED CONCRETE CATCH BASIN TO HAVE 6" MINIMUM WALLS AND BOTTOM.
5. DETAIL SHOWN IS FOR GUTTER INLET FOR YARD INLET, SEE DETAIL ABOVE

GUTTER INLET

N.T.S.



TOWN OF WEBSTER

LOCATION SKETCH

N.T.S.

STAMP:

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100, ROCHESTER, NY 14614
(585) 325-1000 FAX: (585) 325-1691
PROJECT MANAGER: DAVID COX, P.E.
PROJECT ENGINEER: ANDREW BURNS, P.E.
DESIGNER: CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
1			
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DETAILS

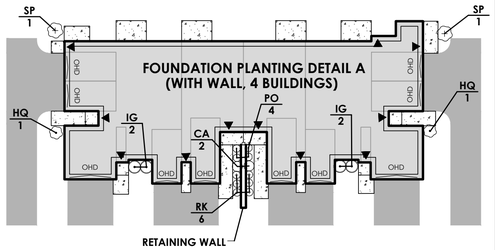
WATERVIEW PHASE III
WEBSTER, NY

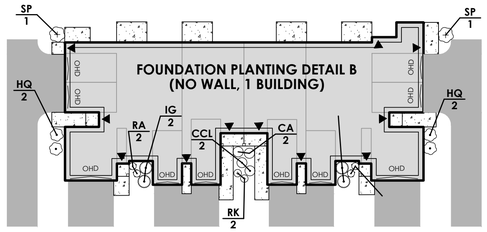
TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.: **20243903.0002**

DRAWING NO.: C 203

DATE: **JANUARY 2025**





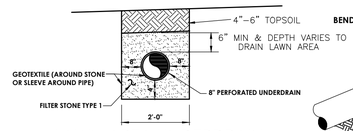
FOUNDATION PLANTING DETAILS

1"=30'

WATERVIEW PHASE III PLANT SCHEDULE 2024.12.10

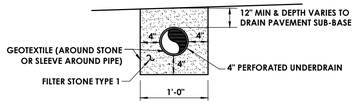
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING / SPREAD	REMARKS	MATURE HEIGHT	NATIVE
DECIDUOUS TREES									
AR	5	Acer rubrum "Franksred"	Red Sunset Maple	2 1/2-3"	B&B	As Shown	Fall Planting Hazard	35-40'	Yes
GT	6	Gleditsia triacanthos var. "Inermis"	Thornless Shademaster Honey Locust	3 1/2-3"	B&B	As Shown		30-50'	No
NS	3	Nyssa sylvatica "Wildfire"	Black Gum	2 1/2-3"	B&B	As Shown	Fall Planting Hazard	30-50'	Yes
EVERGREEN TREES									
JV	15	Juniperus virginiana "Emerald Sentinel"	Sentinel Eastern Red Cedar	5-6'	B&B	4-6'		15-20'	Yes
PG	4	Picea Glauca	White Spruce	5-6'	B&B	10-15'		8-10'	Yes
PN	8	Pinus Nigra	Austrian Pine	6-7'	B&B	25-30"		40-60"	No
PP	16	Picea Pungens "Fat Albert"	Colorado Blue Spruce	5-6'	B&B	7-10'		10-15'	Yes
PS	2	Pinus Strobus	Eastern White Pine	7-8'	B&B	20-30'		40,65'	Yes
FLOWERING AND ORNAMENTAL TREES									
AG	2	Amelanchier x grandiflora " Robin Hill Pink"	Robin Hill Serviceberry	8-10'	B&B	15-20'	Multi-Stemmed	20-25'	Yes
CC	3	Cercis canadensis "The Rising Sun" - (TF)	The Rising Sun Redbud (Tree Form)	6-7'	B&B	As Shown	Fall Planting Hazard	8-12'	Yes
CV	6	Chionanthus virginicus	Fringetree	6-7'	B&B	As Shown	Multi-Stemmed	18-20'	Yes
MS	5	Magnolia stellata "Royal Star"	Royal Star Magnolia	7-8'	B&B	As Shown	Heavy	10-15'	No
SV	6	Syringa vulgaris "Agincourt"	Agincourt Lilac	5-6'	B&B	As Shown	Multi-Stemmed	8-10'	Yes
SHRUBS									
CA	14	Clethra alnifolia "Sixteen Candles"	Sixteen Candles Summersweet	2-3'	#3 Cont.	3-5'		3-4'	Yes
CCL	6	Cotinus coggygria "Lilla"	Lilla Dwarf Smoke Bush	2-3'	#3 Cont.	4'		4'	No
HQ	21	Hyrangea quercifolia "Ruby Slippers"	Ruby Slippers Oakleaf Hydrangea	2-3'	#5 Cont.	3-4'		4-5'	No
IG	20	Ilex glabra "Shamrock"	Shamrock Inkberry	2-3'	#5 Cont.	5'	(1) male to (4) female	4-5'	Yes
IM	27	Ilex x meserveae "Monwilde"	Little One Blue Holly	3'	#3 Cont.	3'	(1) male to (6) female	3'	No
PO	16	Physocarpus opulifolius "Little Joker"	Little Joker warf Ninebark	2-3'	#3 Cont.	3-4'		3-4'	Yes
RA	4	Rhus aromatica "Gro-Low"	Gro-Low Fragrant Sumac	18-24"	#3 Cont.	6-10'		2'-4'	Yes
RK	30	Rosa "Knock-out"	Knockout Rose	18-24"	#3 Cont.	3-4'		3-4'	No
SP	12	Syringa petula 'Miss Kim'	Miss Kim Dwarf Lilac	30-36"	#5 CONT.	3-6'	fragrant bloom	3-6'	No

1. Existing Trees & Buffer Material to Remain & be Protected During Construction.
2. Native NYS plants are noted.
3. All plants shall be as specifies or approved equal.



LAWN AREA UNDERDRAIN

N.T.S.



PAVEMENT AREA UNDERDRAIN

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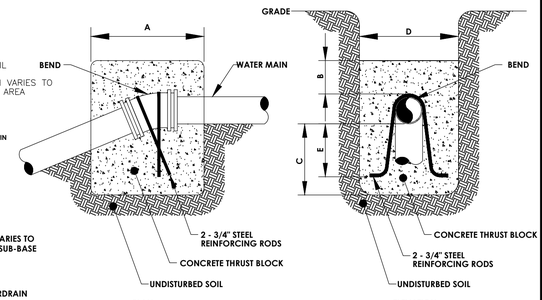
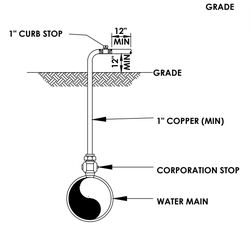


BEND	MINIMUM VOLUME OF CONCRETE	MINIMUM ALLOWABLE DIMENSIONS FOR VERTICAL THRUST BLOCKS (IN FEET)				
	DIMENSIONS	A	B	C	D	E
6" x 11-1/4°	0.7 CY	3.0	1.0	1.0	2.5	0.5
6" x 22-1/2°	1.1 CY	3.5	1.0	1.5	3.0	1.0
6" x 45°	2.2 CY	5.0	1.0	1.5	4.0	1.5

VERTICAL THRUST BLOCK

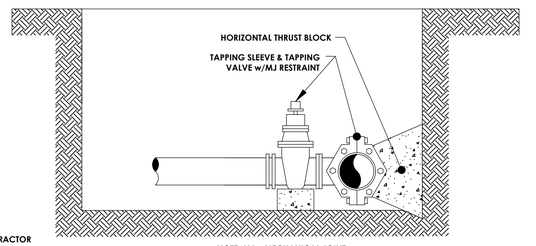
N.T.S.



NOTE:
IMMEDIATELY PRIOR TO THE AUTHORITY PLACING WATER MAIN IN SERVICE CONTRACTOR SHALL REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY FACILITIES (I.E. SAMPLING TAPS, ETC.) AND REPLACE WITH THREADED BRASS PLUGS. PLACEMENT OF THREADED BRASS PLUG MUST BE WITNESSED BY A MCWA REPRESENTATIVE.

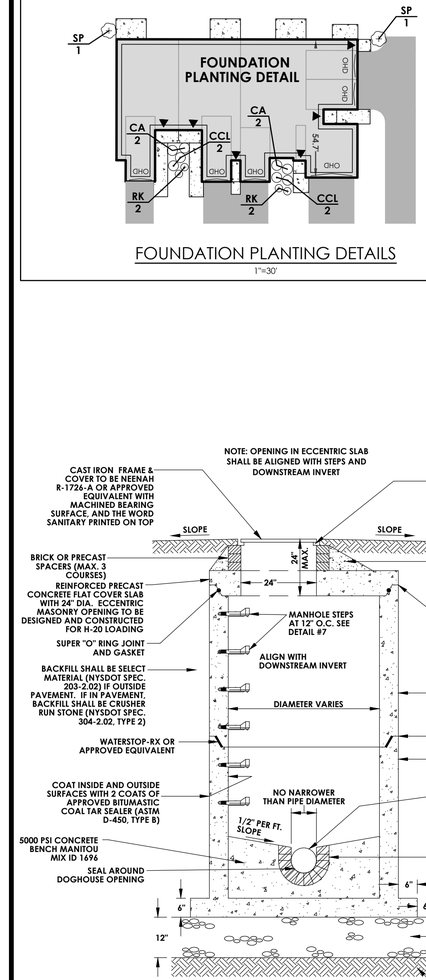
DISINFECTION/BLOW-OFF/SAMPLING TAP

N.T.S.



NOTE: MJ = MECHANICAL JOINT
RJ = RESTRAINED JOINT

TAPPING SLEEVE AND VALVE



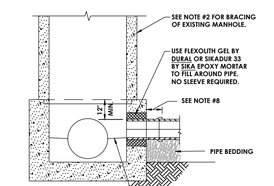
SANITARY SEWER MANHOLE

N.T.S.

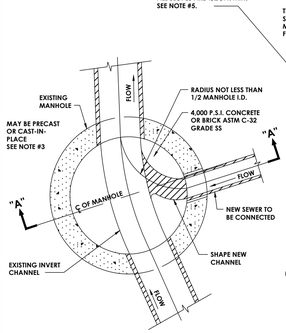
SPECIAL NOTE:
STORM SEWERS SHALL NOT BE CONNECTED TO SANITARY SEWERS.

NOTES:

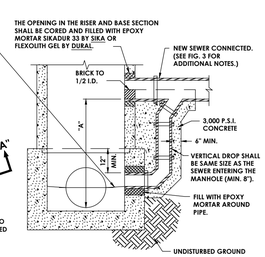
1. **THE CROWN OF THE NEW SEWER SHALL NOT BE CONSTRUCTED LOWER THAN THE CROWN OF THE EXISTING MAIN SEWER. THE INVERT OF THE NEW SEWER SHALL BE CONSTRUCTED AT LEAST 3" ABOVE THE EXISTING MAIN SEWER INVERT.**
2. **EXISTING MANHOLE STRUCTURE SHALL BE SUFFICIENTLY BRACED AND PROTECTED TO PREVENT ANY SHIFTING OR DAMAGE TO THE MANHOLE.**
3. **THE EXISTING MANHOLE BASE MAY BE ROUND OR SQUARE, DEPENDING ON THE TIME THE MANHOLE WAS CONSTRUCTED.**
4. **GENERALLY, A DROP CONNECTION SHALL BE PROVIDED WHEN DIM. "A" EXCEEDS 2' IN A SANITARY MANHOLE.**
5. **CONTRACTOR MUST COAT ALL DISTURBED AREAS OF MANHOLE WITH TWO (2) COATS OF SIKAGARD NO. 62 FOR INTERIOR OF BASE AND TWO (2) COATS OF SUPER SERVICE BLACK FOR ALL OTHER SURFACES.**
6. **STUB AT MANHOLE SHALL NOT EXCEED 100 DEGREES ALIGNMENT ENTERING AGAINST EXISTING UPSTREAM SEWER.**
7. **THE DISTRICT MUST BE NOTIFIED 48 HRS. IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF CONNECTION.**
8. **STUBS 4' MAX. R.C.P. AND D.I.P., 1' MAX. ALL OTHER PIPE MATERIALS, FROM OUTSIDE FACE.**
9. **CORED OPENINGS IN MANHOLE RISER SECTIONS SHALL BE NOT LESS THAN 6" FROM A RISER JOINT.**
10. **CONTRACTOR MAY CORE BORE OR DRILL A NEW OPENING IF REQUIRED. NO IMPACT DEVICES WIL BE ALLOWED TO BE USED FOR MAKING NEW HOLES IN EXISTING MANHOLES OR CHAMBERS.**



SECTION "A-A"



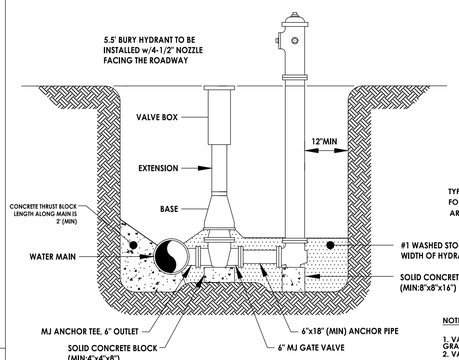
SECTIONAL PLAN



SECTION "A-A"
(FOR OUTSIDE DROP CONNECTION)

ROCHESTER PURE WATERS DISTRICT

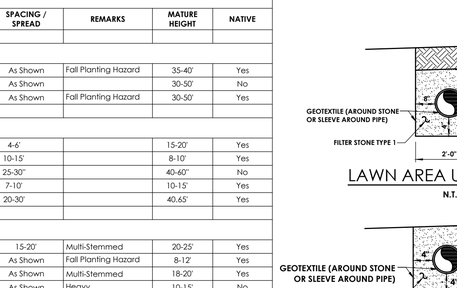
DATE: JUNE '87 REV: MAR. 2000	SEWER CONNECTIONS TO EXISTING MANHOLE	FIG. 4



NOTE: ALL PRIVATE HYDRANTS (DOWNSTREAM OF THE MASTER METER) SHALL BE PAINTED "SAFETY RED"

PERPENDICULAR HYDRANT ASSEMBLY

N.T.S.



WATERMAIN TRENCH

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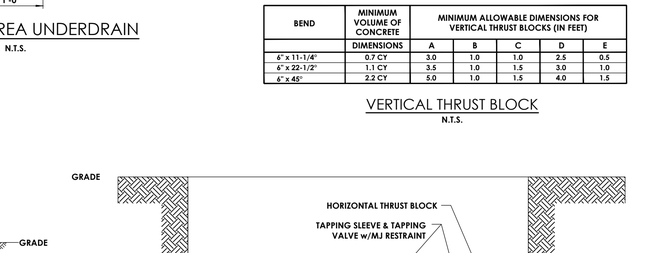
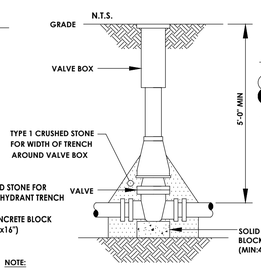


HORIZONTAL THRUST BLOCK FOR TEES AND PLUGS

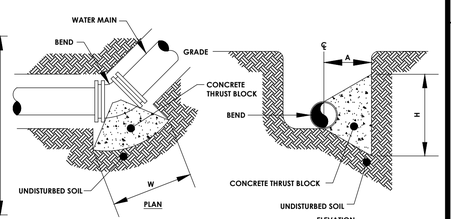


NOTE:

1. **VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL. GRADE**
2. **VALVE SHALL NOT SUPPORT VALVE BOX.**
3. **ALL BODY AND BONNET BOLTS SHALL BE STAINLESS STEEL.**
4. **ALL VALVES SHALL BE OPEN LEFT EXCEPT VALVES 12" AND SMALLER**

WATER VALVE

N.T.S.



MINIMUM HORIZONTAL THRUST BLOCK DIMENSIONS, IN FEET, TO BE POURED AGAINST UNDISTURBED SOIL			
FITTING	H	W	A
8" x 11-1/4° BEND	1.0	2.0	1.5
8" x 22-1/2° BEND	1.5	3.0	1.5
8" x 45° BEND	2.0	4.0	2.0
8" x 90° BEND	3.0	6.0	2.5
8" TEE OR PLUG	2.5	5.0	2.0

NOTE: WIDTH (W) OF BLOCK SHALL NOT EXCEED TWICE THE HEIGHT (H).

HORIZONTAL THRUST BLOCK FOR BENDS

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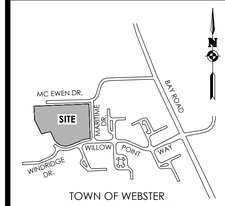
architecture engineering



TOWN OF WEBSTER

LOCATION SKETCH

N.T.S.

STAMP:

CLIENT:
MARK IV ENTERPRISES
301 EXCHANGE BOULEVARD
ROCHESTER, NY 14608

Passero Associates
242 WEST MAIN ST., SUITE 100 (585) 325-1000
ROCHESTER, NY 14614 FAX: (585) 325-1691
PROJECT MANAGER DAVID COX, P.E.
PROJECT ENGINEER ANDREW BURNS, P.E.
DESIGNER CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
1			
2			
3			
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DETAILS

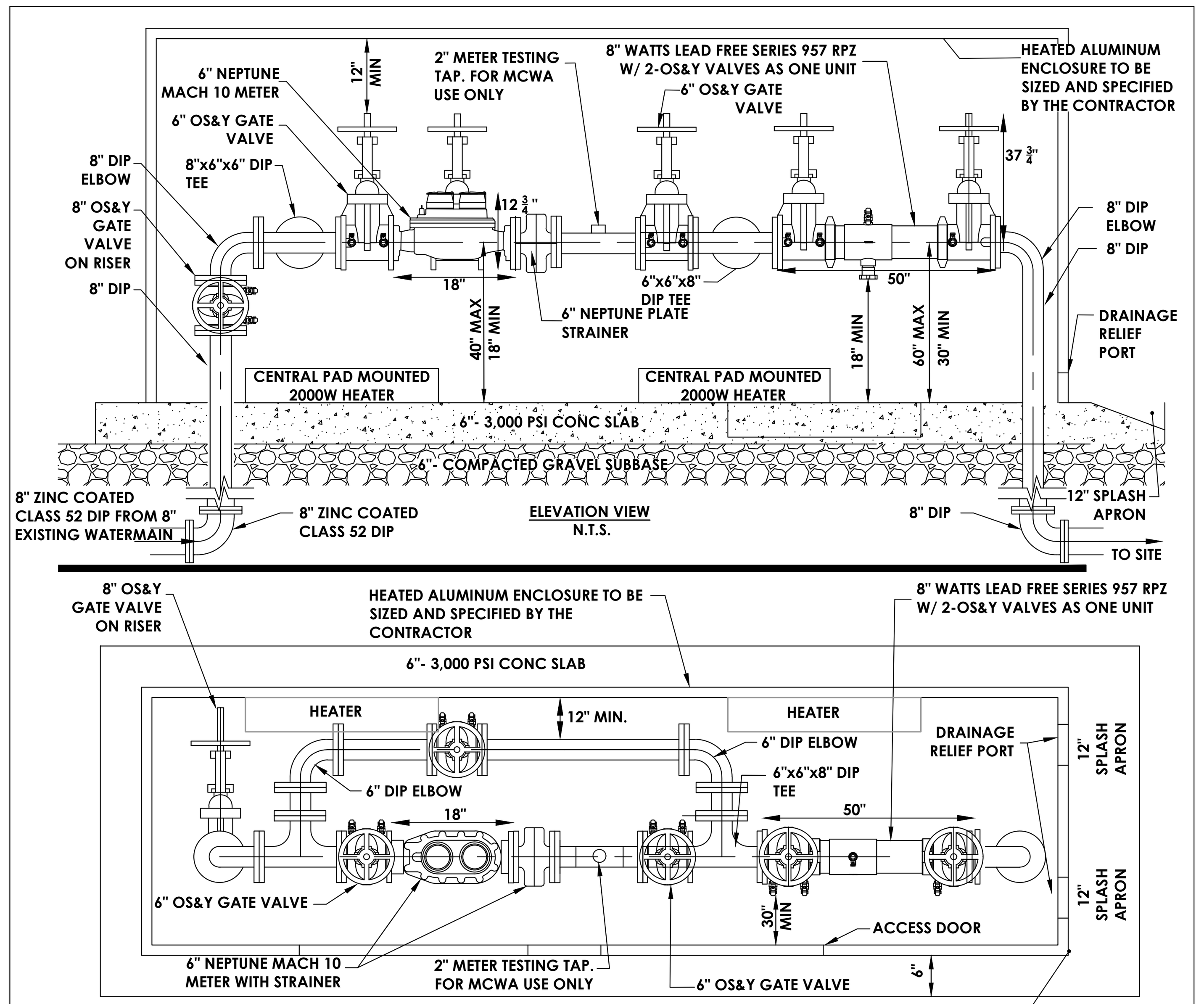
WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: **WEBSTER**
COUNTY: **MONROE** STATE: **NY**

PROJECT NO.:
20243903.0002

DRAWING NO.:
C 204

DATE:
JANUARY 2025



INSTALLATION NOTES:
1. ANY DEVIATION FROM THESE PLANS SHALL REQUIRE RE-APPROVAL BY ENGINEER.
2. ALL DIMENSIONS ARE MINIMUM.
3. ALL LOCAL & STATE CODES SHALL GOVERN.
4. THIS PLAN MAY BE ROTATED FOR OPPOSITE INSTALLATION.
5. VALVES WITH RPZ SHALL BE AS ONE UNIT.
6. RPZ SHALL BE LOCATED IN A LIGHTED AND HEATED AREA.
7. ALL NECESSARY PIPE & EQUIPMENT SUPPORT SHALL BE PROVIDED.
8. AIR GAP FITTINGS ARE NOT ALLOWED.
9. ALL PIPING BEFORE THE BACKFLOW PREVENTER(S) TO BE BRASS, COPPER, OR CEMENT LINED DUCTILE IRON AND BE MECHANICALLY JOINED.
10. VICTAULIC FITTINGS SHALL NOT BE USED UPSTREAM OF THE BACKFLOW PREVENT.
11. BACKFLOW PREVENTER SHALL BE INSTALLED SO ALL TESTING PORTS WILL BE TOP OR FRONT SIDE OF THE DEVICE.

R.P.Z. SCHEMATIC DESIGN

4" AND LARGER WATER SERVICE LINE NOTES

1. Water service lines shall be constructed in accordance with the regulations and specifications of the Water Authority.
2. Water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and six feet of cover from finished grade in paved areas.
3. Water service lines shall be separated at least ten feet, measured from the outside of the pipes, from sewer mains or septic systems.
4. Water service lines shall be identified as:

DESCRIPTION	SIZE	MATERIAL[a]	TYPE [b]
MCWA Portion: from the water main to and including the control valve on the ROW/property/easement line	8"	D.I.P.*	CMB
Private Portion: from the control valve to the meter	8"	D.I.P.*	CMB

[a]Acceptable material is *Class 52 cement mortar lined Ductile Iron Pipe.
[b]Service Types include: Domestic = DS, Fire = FS, or Combined = CMB

5. The Water Authority's portion of the water service line shall be installed prior to the private portion of the service line.
6. Water meter(s) to be located on the interior of exterior walls(s) immediately upon service entrance into the building(s). A by-pass assembly is not required around the installation of 5/8-inch through 1-inch meters. 1 ½-inch + 2-inch Meter installations may require a by-pass assembly around the meter. Meter installation 3-inch or greater require a bypass assembly around the meter.
7. Water service lines sized 4-inches or greater shall be:
   - Pressure tested in accordance with the latest specifications of the Monroe County Water Authority. **A Water Authority representative must witness this test.**
   - Disinfected by using the continuous feed method according to AWWA Standard Specifications. After flushing and disinfecting the service line, water samples shall be collected in accordance with the Department of Health that has jurisdiction of the areas requirements. Approval and notification by the Health Department of passing health sample test(s) must be received before the service will be activated by the Water Authority.

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK	DEC 2020 DATE	DME 26

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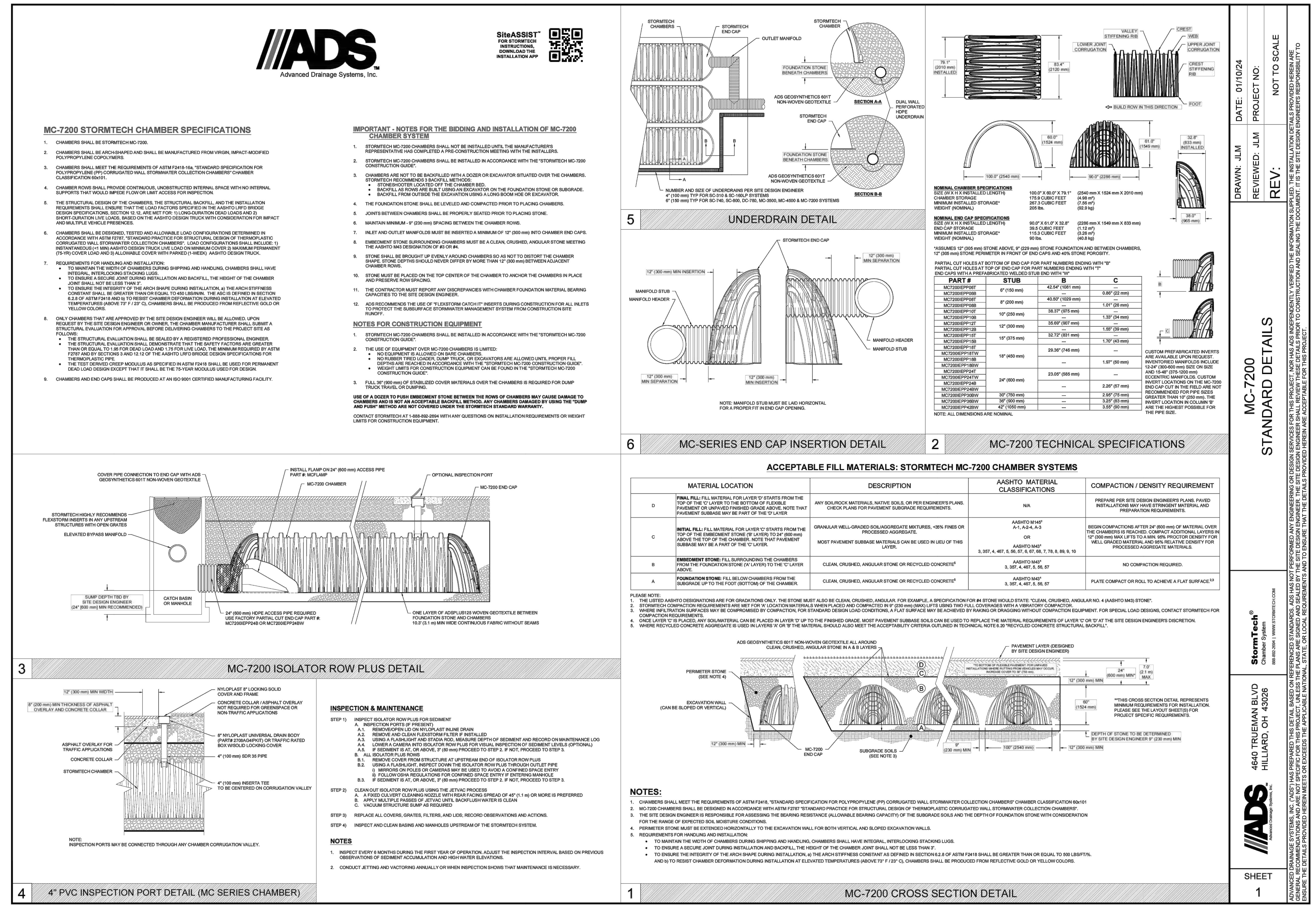

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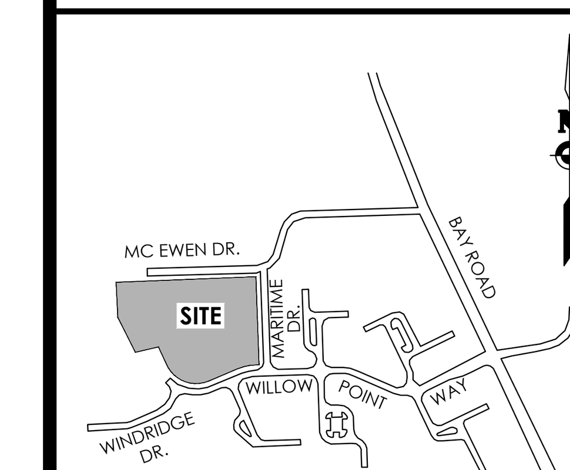

TOWN OF WEBSTER
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PROJECT MANAGER DAVID COX, P.E.
PROJECT ENGINEER ANDREW BURNS, P.E.
DESIGNER CAROLE HARVEY

NO.	DATE	BY	DESCRIPTION
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DETAILS

WATERVIEW PHASE III
WEBSTER, NY

TOWN/CITY: WEBSTER
COUNTY: MONROE STATE: NY

PROJECT NO.:
20243903.0002

DRAWING NO.:
C-205

DATE:
JANUARY 2025