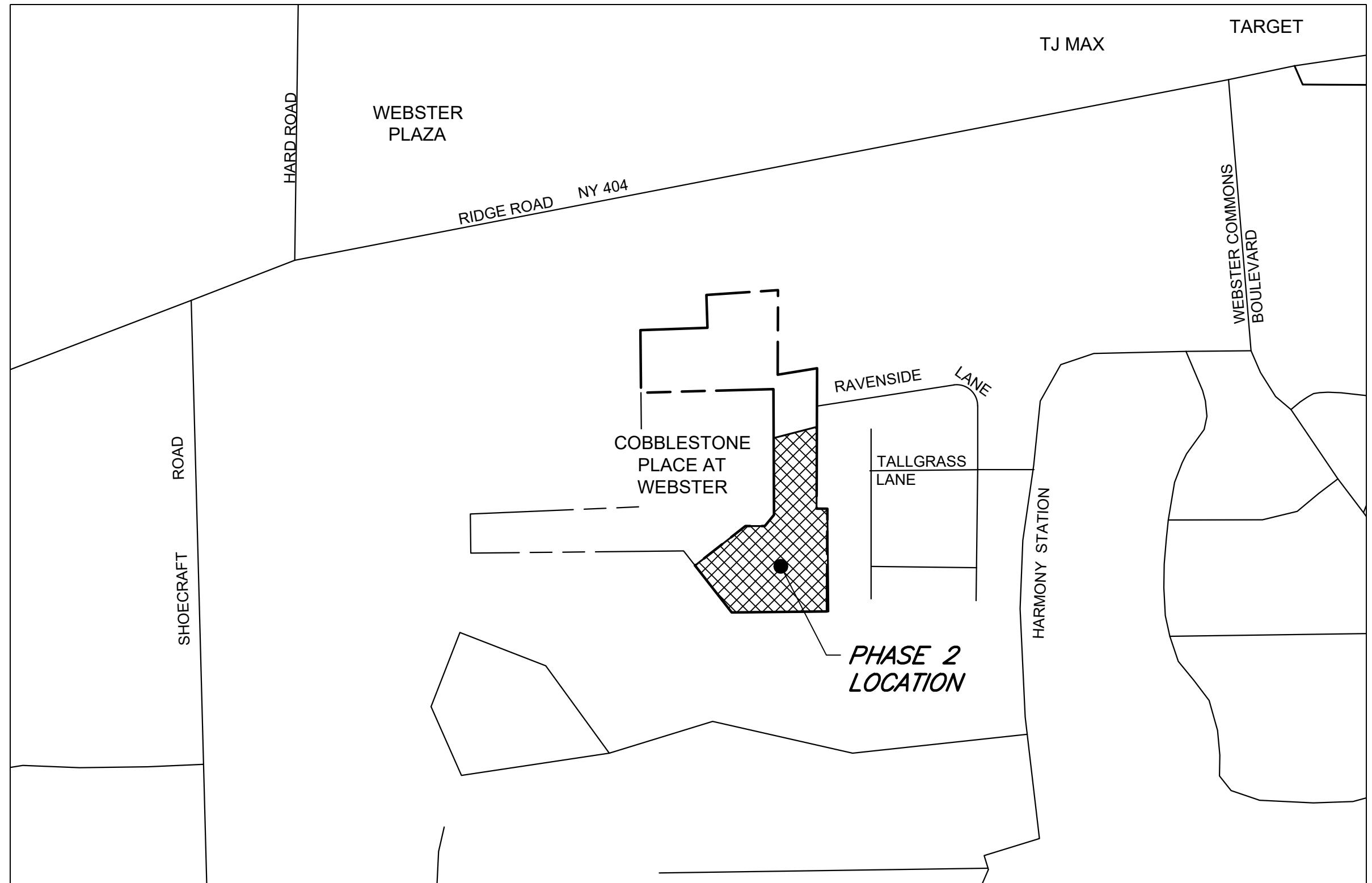


PRELIMINARY/FINAL SITE PLANS for COBBLESTONE PLACE PHASE 2

1025 RAVENSHIDE LANE

SITUATE IN:

TOWN OF WEBSTER - MONROE COUNTY - STATE OF NEW YORK



LOCATION MAP

NOT TO SCALE



39 CASCADE DRIVE
ROCHESTER, NY 14614
5 8 5 - 4 5 8 - 7 7 0

ITHACA LOCATION
840 HANSHAW RD, STE 6
ITHACA, NY 14850
6 0 7 - 2 4 1 - 2 9 1 7

www.marathoneng.com

LIST OF DRAWINGS		
No.	DWG. No.	Description
1	V1.0	EXISTING CONDITIONS AND DEMOLITION PLAN
2	C1.0	LAYOUT PLAN
3	C2.0	UTILITY PLAN
4	C3.0	GRADING AND EROSION CONTROL PLAN
5	C4.0	LIGHTING & LANDSCAPING PLAN
6	C5.0	CONSTRUCTION DETAILS
7	C5.1	CONSTRUCTION DETAILS

APPROVED BY: DIRECTOR OF COMMUNITY DEVELOPMENT DATE: _____	APPROVED BY: TOWN ENGINEER DATE: _____
APPROVED BY: WEBSTER SEWER DISTRICT DATE: _____	APPROVED BY: FIRE MARSHAL DATE: _____
APPROVED BY: PLANNING BOARD CHAIRPERSON DATE: _____	APPROVED BY: TOWN HIGHWAY SUPERINTENDENT DATE: _____
APPROVED BY: TOWN ASSESSOR DATE: _____	APPROVED BY: TOWN ASSESSOR DATE: _____

SURVEY NOTES

- MAPPING** - THE EXISTING UNDERGROUND UTILITIES WERE PLOTTED BASED ON RECORD MAPPING SUPPLIED BY OTHERS. THE ENGINEER MAKES NO WARRANTY AS TO THE LOCATION, SIZE, TYPE, ELEVATION, AND/OR NUMBER OF EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES IN THE VICINITY OF THE NEW INFRASTRUCTURE.
- SANITARY SEWERS WERE PLOTTED FROM RECORD MAPS RECEIVED FROM THE TOWN OF WEBSTER ON 09/25/2024
- WATER SERVICES AND MAINS WERE PLOTTED IN THE FIELD BY MARATHON ENGINEERING ON 10/09/2024
- STORM SEWERS RECORD MAPS WERE RECEIVED FROM MCWA ON 09/11/2024
- STORM SEWER DATA WAS RECEIVED IN THE FIELD BY MARATHON ENGINEERING ON 10/09/2024
- UNDERGROUND GAS SERVICES AND MAINS WERE PLOTTED FROM RECORD MAPS RECEIVED FROM RG&E ON 09/13/2024
- UNDERGROUND ELECTRIC LINES WERE PLOTTED FROM RECORD MAPS RECEIVED FROM RG&E ON 09/13/2024
- CAD UTILITY AS-BUILT FILE SUPPLIED BY PASSERO ASSOCIATES.

- STAKEOUT** - THE CONTRACTOR SHALL NOTIFY DIG SAFELY NEW YORK (1-800-962-962) FOR A UTILITY STAKEOUT 48 HOURS IN ADVANCE OF COMMENCING WORK. STAKEOUT OF PRIVATE UTILITIES SHALL BE COORDINATED WITH THE OWNER.
- BOUNDARY** - BOUNDARY CONSTRUCTED FROM THE MAPS AND DOCUMENTS REFERENCED ON THIS SHEET.
- DATUM** - THE VERTICAL DATUM IS NAVD88. THE HORIZONTAL DATUM IS NAD83 CENTRAL ZONE.
- FLOODPLAIN** - THE PROPERTY IS LOCATED IN ZONE 'X' AND IS LOCATED GRAPHICALLY IN THE FLOODPLAIN AS SHOWN ON COMMUNITY PANEL NO 36055C0229G, DATED 08/28/2008

REFERENCES

LEGEND:

ADJACENT PROPERTY LINE
PROJECT PROPERTY LINE
EASEMENT LINE
EXISTING GAS MAIN & VALVE
EXISTING ELECTRIC CONDUIT & STRUCTURE
EXISTING STORM MAIN, MANHOLE, AND INLET
EXISTING SANITARY MAIN & MANHOLE
EXISTING WATER MAIN, VALVE, & HYDRANT
EXISTING CONTOUR
DEMOLISH UTILITY
TREE REMOVAL
REMOVE/MILL ASPHALT
PARKING COUNT
#

WEBSTER GREEN I
N/F
960-1205 ROSEAU DRIVE
TM #079.15-1-8.12
L. 12264 / P. 452

REBAR FND.
0.35' NORTH
0.14' WEST

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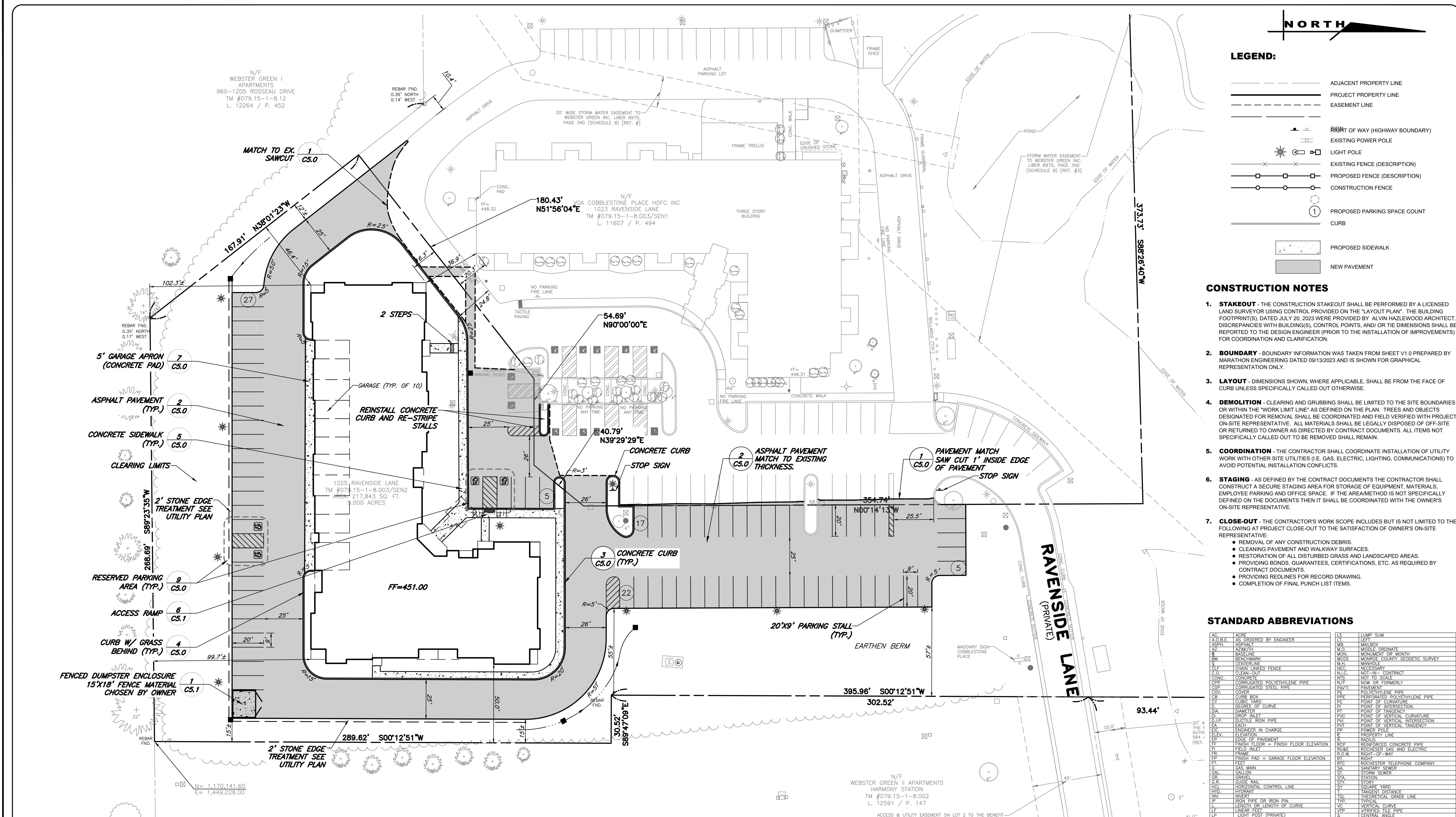
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PROJECT STATISTICS FOR LOT 1025

1. GENERAL

1.1 DEVELOPER -	BRICKWOOD MANAGEMENT 25 SILVERLIGHT WAY ROCHESTER, NY 14624
1.2 PROPERTY ADDRESS -	1025 RAVENSLIDE LANE WEBSTER, NY 14580
1.3 TAX ACCOUNT -	079.15-1-8.003/SEN2
1.4 PARCEL AREA	5.0 ACRES

2 ZONING REGULATIONS

2.1 ZONING DISTRICT - MHR - MEDIUM HIGH RESIDENTIAL

2.2 CODE REQUIREMENTS -

BULK REQUIREMENTS	REQUIRED
FRONT SETBACK	75'
MIN. BUFFER AREA	50'
MIN. PARKING SETBACK	50'
MAXIMUM BUILDING HEIGHT	3 STORIES
MAXIMUM BUILDING LENGTH	165^{**}
MIN. DISTANCE BETWEEN BUILDINGS	40'
MAXIMUM DENSITY (8 UNITS/ACRE)	40
MINIMUM PARKING SPACES	94 (2 UNITS/ACRE)

2.3 VARIANCES

2.5 VARIANCES
*EXCEPT WHERE PAVED ACCESSIBILITY TO ALL SIDES OF THE BUILDING THEN MAX LENGTH MAY BE INCREASED TO 250'.
**VARIANCES GRANTED 3/13/25
***VARIANCES GRANTED 3/10/15 FOR 12 UNITS/ ACRE DENSITY,

GENERAL NOTES

- 1. APPLICABILITY** - THE NOTES AND INFORMATION PROVIDED ON THIS SHEET ARE APPLICABLE TO ALL "C" SERIES DRAWINGS. THE "C" SERIES DRAWINGS COVER SITE RELATED IMPROVEMENTS OUTSIDE THE BUILDING ENVELOPE. THE BUILDING ENVELOPE INCLUDES ALL AREA WITHIN 5' OUTSIDE OF THE BUILDING'S EXTERIOR WALL.
- 2. MAPPING** - THE EXISTING UNDERGROUND UTILITIES WERE PLOTTED BASED ON RECORD MAPPING SUPPLIED BY OTHERS. THE ENGINEER MAKES NO WARRANTY AS TO THE LOCATION, SIZE, TYPE, ELEVATION, AND/OR NUMBER OF EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES IN THE VICINITY OF THE NEW INFRASTRUCTURE.
- 3. UTILITY STAKEOUT** - THE CONTRACTOR SHALL NOTIFY UDIG NY (1-800-962-7962) FOR A UTILITY STAKEOUT 48 HOURS IN ADVANCE OF COMMENCING WORK. STAKEOUT OF PRIVATE UTILITIES SHALL BE COORDINATED WITH THE OWNER.
- 4. PROPERTY PROTECTION** - THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING PAVEMENT, CURBS, WALKS, LAWNS, TREES, ETC. CAUSED BY THEIR CONSTRUCTION OPERATIONS. ALL DAMAGE SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE OWNER'S SATISFACTION AT NO ADDITIONAL EXPENSE.
- 5. ACCESS** - THE CONTRACTOR SHALL PROVIDE SATISFACTORY VEHICULAR ACCESS TO ALL ADJOINING PROPERTIES, PRIVATE ROADWAYS, PARKING FACILITIES, AND PUBLIC STREETS DURING CONSTRUCTION.
- 6. SITE SAFETY** - PRIOR TO AND THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL POST SIGNAGE IN CONFORMANCE WITH THE REQUIREMENTS OF THE LOCAL MUNICIPALITY AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). JOB SAFETY AND MAINTENANCE AND PROTECTION OF TRAFFIC IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 7. EXCAVATIONS** - ALL EXCAVATIONS SHALL BE BACKFILLED/BARRICADED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONCLUSION OF EACH WORKING DAY.
- 8. MAINTENANCE** - PUBLIC STREETS, PRIVATE DRIVES AND PARKING FACILITIES SHALL BE KEPT FREE OF FOREIGN MATERIALS. ALL AREAS SHALL BE SWEPT CLEAN AT THE END OF EACH WORKING DAY AND/OR AS DIRECTED BY THE OWNER'S ON-SITE REPRESENTATIVE.
- 9. SECURITY** - THE CONTRACTOR SHALL NOT WORK IN OR NEAR THE PROJECT AREA UNLESS THE AREA IS SECURED BY THE OWNER'S ON-SITE REPRESENTATIVE.
- 10. PERMIT(S)** - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE APPLICABLE MUNICIPALITY OR AGENCY. THE CONTRACTOR IS RESPONSIBLE FOR ALL BONDS AND INSURANCES AND THE OWNER IS RESPONSIBLE FOR PERMIT FEES UNLESS OTHERWISE STATED IN THE OWNER/ CONTRACTOR AGREEMENT
- 11. INTERIM CONDITIONS** - THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDINGS AND WITHIN PROJECT AREA TO A STABILIZED OUTLET THROUGHOUT THE CONSTRUCTION PERIOD. THIS MAY REQUIRE INTERIM GRADING, SHIMMING OF PAVEMENT ETC. THAT IS NOT SPECIFICALLY SHOWN ON THE PLANS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 12. ARCHITECTURAL LAYOUT** LAYOUT OF FOOTPRINT OF BUILDING DATED 1/23/25

LEGEND:

LEGEND:

Legend for property line and site feature symbols:

- ADJACENT PROPERTY LINE: Two parallel horizontal lines.
- PROJECT PROPERTY LINE: A thick horizontal line.
- EASEMENT LINE: A dashed horizontal line.
- RIGHT OF WAY (HIGHWAY BOUNDARY): A symbol with a solid dot and a dashed arc.
- EXISTING POWER POLE: A symbol with a dashed circle and a solid line.
- LIGHT POLE: A sun-like symbol with radiating lines.
- EXISTING FENCE (DESCRIPTION): Two 'X' marks on a horizontal line.
- PROPOSED FENCE (DESCRIPTION): Three squares on a horizontal line.
- CONSTRUCTION FENCE: Three circles on a horizontal line.
- PROPOSED PARKING SPACE COUNT: A circle with the number '1' inside.
- CURB: A dashed line.
- PROPOSED SIDEWALK: A rectangle with diagonal hatching.
- NEW PAVEMENT: A solid gray rectangle.

CONSTRUCTION NOTES

- **STAKEOUT** - THE CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR USING CONTROL PROVIDED ON THE "LAYOUT PLAN". THE BUILDING FOOTPRINT(S), DATED JULY 20, 2023 WERE PROVIDED BY ALVIN HAZLEWOOD ARCHITECT. DISCREPANCIES WITH BUILDING(S), CONTROL POINTS, AND/ OR TIE DIMENSIONS SHALL BE REPORTED TO THE DESIGN ENGINEER (PRIOR TO THE INSTALLATION OF IMPROVEMENTS) FOR COORDINATION AND CLARIFICATION.
- **BOUNDARY** - BOUNDARY INFORMATION WAS TAKEN FROM SHEET V1.0 PREPARED BY MARATHON ENGINEERING DATED 09/13/2023 AND IS SHOWN FOR GRAPHICAL REPRESENTATION ONLY.
- **LAYOUT** - DIMENSIONS SHOWN, WHERE APPLICABLE, SHALL BE FROM THE FACE OF CURB UNLESS SPECIFICALLY CALLED OUT OTHERWISE.
- **DEMOLITION** - CLEARING AND GRUBBING SHALL BE LIMITED TO THE SITE BOUNDARIES OR WITHIN THE "WORK LIMIT LINE" AS DEFINED ON THE PLAN. TREES AND OBJECTS DESIGNATED FOR REMOVAL SHALL BE COORDINATED AND FIELD VERIFIED WITH PROJECT ON-SITE REPRESENTATIVE. ALL MATERIALS SHALL BE LEGALLY DISPOSED OF OFF-SITE OR RETURNED TO OWNER AS DIRECTED BY CONTRACT DOCUMENTS. ALL ITEMS NOT SPECIFICALLY CALLED OUT TO BE REMOVED SHALL REMAIN.
- **COORDINATION** - THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITY WORK WITH OTHER SITE UTILITIES (I.E. GAS, ELECTRIC, LIGHTING, COMMUNICATIONS) TO AVOID POTENTIAL INSTALLATION CONFLICTS.
- **STAGING** - AS DEFINED BY THE CONTRACT DOCUMENTS THE CONTRACTOR SHALL CONSTRUCT A SECURE STAGING AREA FOR STORAGE OF EQUIPMENT, MATERIALS, EMPLOYEE PARKING AND OFFICE SPACE. IF THE AREA/METHOD IS NOT SPECIFICALLY DEFINED ON THE DOCUMENTS THEN IT SHALL BE COORDINATED WITH THE OWNER'S ON-SITE REPRESENTATIVE.
- **CLOSE-OUT** - THE CONTRACTOR'S WORK SCOPE INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING AT PROJECT CLOSE-OUT TO THE SATISFACTION OF OWNER'S ON-SITE REPRESENTATIVE:
 - REMOVAL OF ANY CONSTRUCTION DEBRIS.
 - CLEANING PAVEMENT AND WALKWAY SURFACES.
 - RESTORATION OF ALL DISTURBED GRASS AND LANDSCAPED AREAS.
 - PROVIDING BONDS, GUARANTEES, CERTIFICATIONS, ETC. AS REQUIRED BY CONTRACT DOCUMENTS.
 - PROVIDING REDLINES FOR RECORD DRAWING.
 - COMPLETION OF FINAL PUNCH LIST ITEMS.

STANDARD ABBREVIATIONS

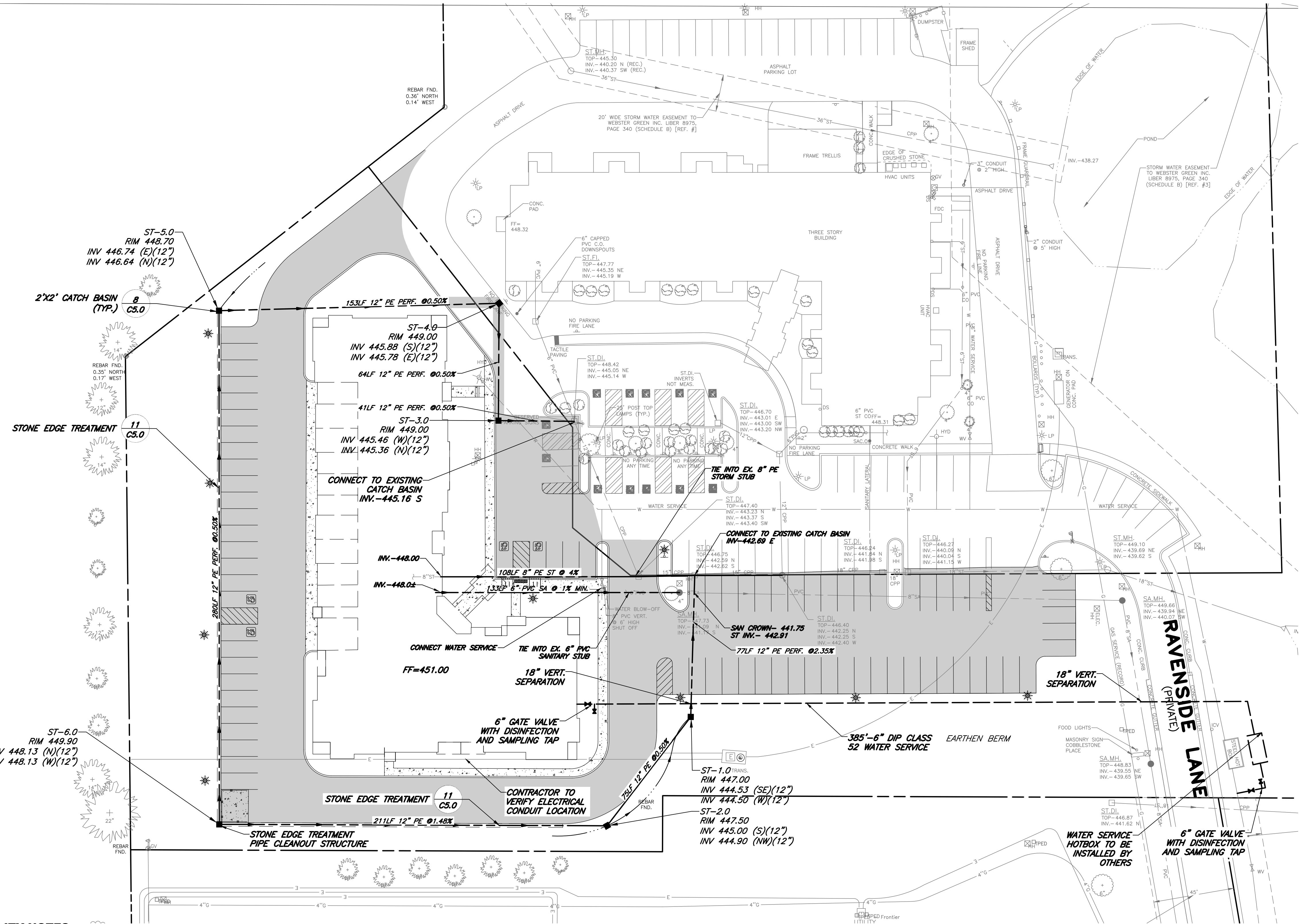
AC.	ACRE	LS	LUMP SUM
A.O.B.E.	AS ORDERED BY ENGINEER	LT.	LEFT
ASPH.	ASPHALT	MB.	MAILBOX
AZ.	AZIMUTH	M.O.	MIDDLE ORDINATE
Baseline	BASELINE	MON.	MONUMENT OR MONTH
BM	BENCHMARK	MCGS	MONROE COUNTY GEODETIC SURVEY
Centerline	CENTERLINE	M.H.	MANHOLE
CLF	CHAIN LINKED FENCE	NEC.	NECESSARY
C.O.	CLEAN-OUT	N.I.C.	NOT-IN- CONTRACT
CONC.	CONCRETE	NTS	NOT TO SCALE
CPP	CORRUGATED POLYETHYLENE PIPE	N/F	NOW OR FORMERLY
CSP	CORRUGATED STEEL PIPE	PAVT.	PAVEMENT
COV.	COVER	PE	POLYETHYLENE PIPE
CB	CURB BOX	PPE	PERFORATED POLYETHYLENE PIPE
CY	CUBIC YARD	PC	POINT OF CURVATURE
D.	DEGREE OF CURVE	PI	POINT OF INTERSECTION
DIA.	DIAMETER	PT	POINT OF TANGENCY
DI	DROP INLET	PVC	POINT OF VERTICAL CURVATURE
D.I.P.	DUCTILE IRON PIPE	PVI	POINT OF VERTICAL INTERSECTION
EA.	EACH	PVT	POINT OF VERTICAL TANGENCY
EIC	ENGINEER IN CHARGE	PP	POWER POLE
ELEV.	ELEVATION	P.	PROPERTY LINE
EP	EDGE OF PAVEMENT	R.	RADIUS
FF	FINISH FLOOR = FINISH FLOOR ELEVATION	RCP	REINFORCED CONCRETE PIPE
FI	FIELD INLET	RG&E	ROCHESER GAS AND ELECTRIC
FR.	FRAME	R.O.W.	RIGHT-OF-WAY
FP	FINISH PAD = GARAGE FLOOR ELEVATION	RT.	RIGHT
FT.	FEET	RTC	ROCHESTER TELEPHONE COMPANY
G	GAS MAIN	SA.	SANITARY SEWER
GAL.	GALLON	ST.	STORM SEWER
GR.	GRAVEL	STA.	STATION
G.R.	GUIDE RAIL	STY.	STORY
HCL	HORIZONTAL CONTROL LINE	SY	SQUARE YARD
HYD.	HYDRANT	T.	TANGENT DISTANCE
INV.	INVERT	TGL	THEORETICAL GRADE LINE
IP	IRON PIPE OR IRON PIN	TYP.	TYPICAL
L.	LENGTH OR LENGTH OF CURVE	VC	VERTICAL CURVE
LF	LINEAR FEET	VTP	VITRIFIED TILE PIPE
LP	LIGHT POST (PRIVATE)	A	CENTRAL ANGLE

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY, AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR, IF AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC

The image shows the official seal of the State of New York. The seal is circular with a double-lined outer border. The words "STATE OF NEW YORK" are written in a circular pattern along the top inner border. In the center of the seal is a detailed illustration of an eagle perched on a shield. The shield contains a plow, a sheaf of wheat, and a sheaf of corn, with the motto "E PLURIBUS UNUM" and the year "1776" visible. Below the shield is the word "EXCELSIOR". The bottom inner border of the seal contains the text "LICENSED PROFESSIONAL ENGINEER". Overlaid on the entire seal is a large, semi-transparent watermark that reads "CONTRACTOR" in a bold, sans-serif font.

APPROVED BY:	_____
DIRECTOR OF COMMUNITY DEVELOPMENT DATE: _____	_____
APPROVED BY: _____	_____
TOWN ENGINEER DATE: _____	_____
APPROVED BY: _____	_____
WEBSTER SEWER DISTRICT DATE: _____	_____
APPROVED BY: _____	_____
PLANNING BOARD CHAIRPERSON DATE: _____	FIRE MARSHAL DATE: _____
APPROVED BY: _____	APPROVED BY: _____
TOWN HIGHWAY SUPERINTENDENT DATE: _____	TOWN ASSESSOR DATE: _____

DRAWING TITLE: LAYOUT PLAN	
2 of 7 SHEET No: 1764-25 JOB No:	C1.0 DRAWING No:

**UTILITY NOTES****1. SANITARY**

1.1 MATERIALS

- MAIN - 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 F-750 (18" THRU 12")
- LATERALS - 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-442.

1.2 INFILTRATION/EXFILTRATION - 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 F1417 ENTITLED STANDARD PRACTICE FOR INSTALLATION ACCEPTANCE OF PLASTIC NON-PRESSURE SEWER LINES USING LOW-PRESSURE AIR. SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EX FILTRATION OR VACUUM. AIR VACUUM TESTING OF MANHOLES SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C-1244.

1.3 FLOOR DRAINS - FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. **NOTE:** FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FLOOR 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.

1.4 TESTING - 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.

1.5 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 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 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 LINES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

2. STORM

2.1 REGULATIONS - STORM SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE MUNICIPALITY AND ALL THERMOPLASTIC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D-3232.

2.2 MATERIALS - THE CONTRACTOR MAY USE THE FOLLOWING PIPE MATERIAL FOR THE MAIN SEWER AS ALLOWED BY THE MUNICIPALITY, PROVIDED THAT THE ROUGHNESS COEFFICIENT ("N" FACTOR) IS 0.013 OR BETTER.

- REINFORCED CONCRETE PIPE (RCP), CLASS III
- HIGH DENSITY CORRUGATED POLYETHYLENE PIPE (PE), AASHTO M-294, TYPE S, ASTM D-3350.

2.3 ROOF DRAINAGE - ALL ROOF DRAINAGE SHALL BE COLLECTED AND PIPED TO THE STORM SEWER SYSTEM UNLESS OTHERWISE.

2.4 TESTING - UPON COMPLETION OF SYSTEM INSTALLATION, THE MAIN SEWER SYSTEM AND LEADS TO STRUCTURES SHALL BE FLUSHED AND LAMPED TO THE SATISFACTION OF THE MUNICIPALITY.

3. WATER

3.1 WATER SERVICE LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND SPECIFICATIONS OF THE WATER AUTHORITY.

3.2 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.

3.3 WATER SERVICE LINES SHALL BE SEPARATED AT LEAST TEN FEET, MEASURED FROM THE OUTSIDE OF THE PIPES, FROM SEWER MAINS OR SEPTIC SYSTEMS.

3.4 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	6"	D.I.P.*	CMB
PRIVATE PORTION: FROM THE CONTROL VALVE TO THE METER	6"	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

3.5 THE WATER AUTHORITY'S PORTION OF THE WATER SERVICE LINE SHALL BE INSTALLED PRIOR TO THE PRIVATE PORTION OF THE SERVICE LINE.

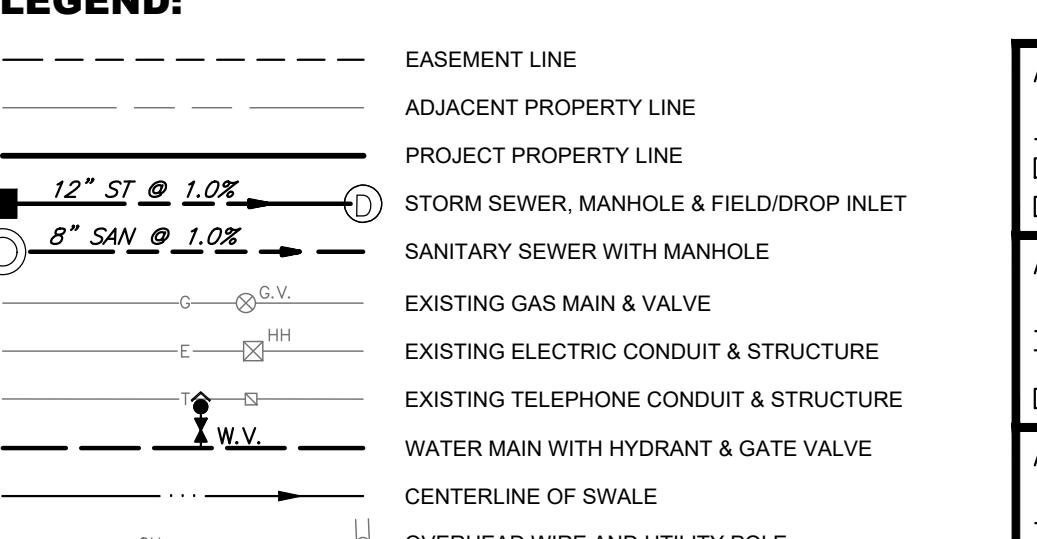
3.6 WATER METER(S) TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALL(S) IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDINGS. A BY-PASS ASSEMBLY IS NOT REQUIRED AROUND THE INSTALLATION OF 5/8-INCH THROUGH 1-INCH METERS. 1 1/2-INCH + 2-INCH METER INSTALLATIONS MAY REQUIRE A BYPASS ASSEMBLY AROUND THE METER. METER INSTALLATION 3-INCH OR GREATER REQUIRE A BYPASS ASSEMBLY AROUND THE METER.

3.7 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.
- UNTESTED LINES SHALL BE DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE STANDAR SPECIFICATIONS. AFTER FLUSHING AND DISINFECTION 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.

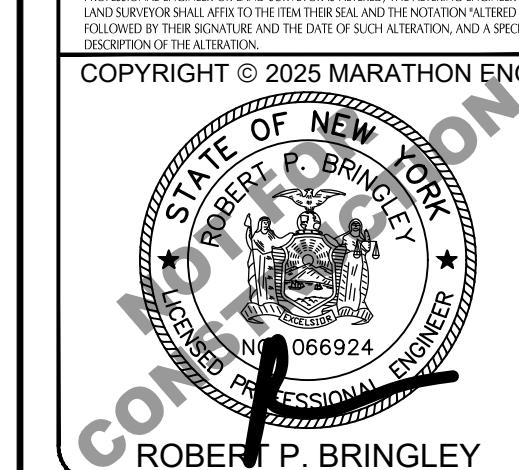
TOWN OF WEBSTER STANDARD DRAINAGE NOTES

- DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH ACCEPTED ENGINEERING STANDARDS AND GUIDELINES AS OUTLINED IN THE DOCUMENT GUIDELINES FOR EROSION AND SEDIMENT CONTROL IN URBAN AREAS OF NEW YORK STATE, AVAILABLE FROM THE MONROE COUNTY SOIL CONSERVATION DISTRICT. THE BEST MANAGEMENT PRACTICES FOR STORMWATER RUNOFF MANAGEMENT SHALL BE PROVIDED BY THE IRONDEQUOIT BAY COORDINATING COMMITTEE. A REFERENCE DOCUMENT, AMONG THE ACCEPTABLE RANGE OF OPTIONS THAT CAN BE UTILIZED TO CONTROL DRAINAGE, EROSION AND SEDIMENTATION ON THE WORK SITE BOTH DURING AND AFTER PROJECT CONSTRUCTION ARE THOSE OUTLINED AND LABELED AS BEST MANAGEMENT PRACTICES FOR STORMWATER RUNOFF MANAGEMENT, PREPARED BY THE IRONDEQUOIT BAY COORDINATING COMMITTEE.
- THE APPLICANT SHALL ENSURE THAT THE RELEASE RATE AND, IF SOIL CONDITIONS PERMIT, THE VOLUME OF STORMWATER LEAVING A CONSTRUCTION SITE WILL NOT EXCEED THAT WHICH OCCURS DURING THE ACTUAL 25-YEAR STORMFALL DURATION DUE TO DURATIONS OF RAINFALL ASSOCIATED WITH STORMS HAVING A TWENTY-FIVE-YEAR FREQUENCY.
- THE APPLICANT MUST DEMONSTRATE THE WATER QUALITY, EROSION AND SEDIMENTATION IMPACTS ON THE DOWNSTREAM WATERSHED FOR ANY ACTIVITY REQUIRING A PERMIT.
- RUNOFF WITH SUSPENDED SOIL SOLIDS SHALL BE RETAINED ON SITE FOR A SUFFICIENT LENGTH OF TIME SO AS TO ENSURE THAT SUCH RUNOFF IS AT LEAST 90% FREE OF SETTLEABLE SOIL SOLIDS WHEN IT LEAVES THE DEVELOPMENT SITE.
- EXCAVATION, GRADING, FILLING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MANNER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENTATION, PROTECTING THE PROPERTY, PUBLIC HEALTH, SAFETY AND GENERAL WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.
- THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, TO INCLUDE ANY GRADING, CLEARING, FILLING, ROAD CONSTRUCTION, UTILITY CONSTRUCTION OR BUILDING CONSTRUCTION. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AT ANY GIVEN TIME.
- THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE AREA. EXPOSED AREAS SHALL BE REVEGETATED AS SOON AS PRACTICAL.
- SHOULDER OR TEMPORARY VEGETATION PROVIDED TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.
- WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE PREPARATION, THE SLOPES SHALL NOT BE SO STEEP THAT VEGETATION CANNOT BE EASILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENTATION MAY RESULT.
- SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCROACHING OR BLOCKING OR RESTRICTING WATERCOURSES.
- THE USE OF TOPSOIL OR SOIL AMENDMENTS FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL AND SOIL OR EASILY COMPRESSIBLE MATERIAL.
- FILL MATERIAL SHALL BE COMPAKTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT STRUCTURES, IT SHALL BE COMPAKTED TO A MINIMUM OF 90% OF STANDARD PROCTOR WITH PROPER MOISTURE CONTROL.
- ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.
- THE CONTROL OF EROSION AND SEDIMENTATION DURING CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
- THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
- ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATELY ANTICIPATED FLOWS BOTH FROM WITHIN THE SITE AND FROM UPSTREAM DRAINAGE BASINS.
- SUBSEQUENT DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND AVOID STAGNATION.
- THERE SHALL BE PROVIDED, WHEREVER NECESSARY, TO MINIMIZE EROSION AND SEDIMENT ON THE SITE AS WELL AS DOWNSTREAM, WITHIN THE DRAINAGE BASIN SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIVERSIONS, SWALES, RIPRAP, CATCH BASINS, SLOPE DRAINS, SEDIMENT FILTERS AND TRAPS, SETDENS, DEBRIS AND RETENTION BASINS.
- DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED SECURELY AS NECESSARY TO ENSURE THE PROTECTION AGAINST EROSION AND SEDIMENT AND, WHEREVER POSSIBLE, PREVENT FLOW OF WATER FROM BEING OBSTRUCTED BY ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.
- IF TEMPORARY SEDIMENT BASINS ARE USED, THE DETENTION STORAGE SHALL BE CALCULATED ON THE BASIS OF THE TWENTY-FIVE-YEAR FREQUENCY RAINFALL FOR THE AFFECTED AREA. IF PERMANENT SEDIMENT BASINS OR STORAGE FACILITIES ARE USED, THE RETENTION VOLUME SHALL BE ABLE TO HANDLE THE RUNOFF OF A ONE-HUNDRED-YEAR RAINFALL FOR ANY AND ALL DURATIONS FROM THE PROPOSED DEVELOPMENT SITE.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR MINIMIZING THE TRACKING OF MUD ONTO EXISTING ROADS, ROADS TO BE CONSTRUCTED AND THE END OF THE ROAD IF, AT ALL FEASIBLE, AT THE END OF EACH WORKING DAY. IF REQUIRED, THE TOWN OF WEBSTER RESERVES THE RIGHT TO INCLUDE IN ANY REQUIRED GUARANTY OF PERFORMANCE OR LETTER OF CREDIT AN ALLOWANCE TO COVER THE ESTIMATED COSTS OF SUCH DUST AND MUD CONTROL ACTIVITIES.
- THE DRAINAGE SYSTEM BEING DEVELOPED WITHIN THE PROPOSED DEVELOPMENT SITE SHALL HAVE THE CAPACITY TO HANDLE FLOWS FROM UPSTREAM AREAS THROUGH THE SITE BASED ON THE FOLLOWING GUIDELINES:
- FOR THOSE MAJOR WATERCOURSES WITH A TRIBUTARY DRAINAGE AREA IN EXCESS OF SEVEN SQUARE MILES, THE ULTIMATE CHANNEL SHALL BE DESIGNED FOR AN AVERAGE RECURRENCE INTERVAL OF 50 YEARS.
- FOR THOSE MAJOR WATERCOURSES WITH A TRIBUTARY DRAINAGE AREA BETWEEN SEVEN AND EIGHT SQUARE MILES AND FOUR SQUARE MILES, THE FINAL CHANNEL SHALL BE DESIGNED FOR AN AVERAGE RECURRENCE INTERVAL OF 50 YEARS.
- SECONDARY WATERCOURSES, DEFINED AS THOSE WITH A TRIBUTARY DRAINAGE AREA OF BETWEEN ONE AND FOUR SQUARE MILES, SHALL HAVE THE FINAL CHANNEL DESIGNED FOR AN AVERAGE RECURRENCE INTERVAL OF 25 YEARS.
- MINOR WATERCOURSES, DEFINED AS THOSE WITH A TRIBUTARY DRAINAGE AREA OF ONE SQUARE MILE OR LESS, SHALL HAVE THE FINAL CHANNEL DESIGNED FOR AN AVERAGE RECURRENCE INTERVAL OF 10 YEARS.
- INTERMITTENT (RUNOFF EVENT) DISCHARGES FROM DEVELOPMENT SITES TO STREAMS SHALL MEET APPLICABLE FEDERAL, STATE AND COUNTY STANDARDS RELATING TO POLLUTION CONTROL.

LEGEND:

APPROVED BY:	DIRECTOR OF COMMUNITY DEVELOPMENT
DATE:	
APPROVED BY:	TOWN ENGINEER
DATE:	
APPROVED BY:	WEBSTER SEWER DISTRICT
DATE:	

DRAWING TITLE:	UTILITY PLAN
SHEET NO.:	C2.0
3 of 7	
1764-25	
JOB NO:	



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ROBERT P. BRINGLEY
066924
ROBERT P. BRINGLEY
MARATHON ENGINEERING

JOB NO:	1764-25	
SCALE:	1"=30'	
DRAWN:	RIB	
DESIGNED:	RPB	
DATE:	08/13/2025	
REVISIONS		
DATE	BY	REVISION

MARATHON
ENGINEERING
ROCHESTER LOCATION
39 CASCADE DRIVE
ROCHESTER, NY 14614
5 8 5 - 4 5 8 - 7 7 0
ITHACA LOCATION
840 HANSHAW RD, STE 6
ITHACA, NY 14850
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www.marathoneng.com

PRELIMINARY/FINAL SITE PLANS
for
COBBLESTONE PLACE PHASE 2

TOWN OF WEBSTER
MONROE COUNTY
STATE OF NEW YORK

1025 RAVENSDALE LANE

PRELIMINARY/FINAL SITE PLANS for
COBBLESTONE PLACE PHASE 2

STATE OF NEW YORK

1025 RAVENSHIDE LANE
MONROE COUNTY

TOWN OF WEBSTER

JOB NO: 1764-25
SCALE: AS SHOWN
DRAWN: RLB
DESIGNED: RPB
DATE: 08/13/2025

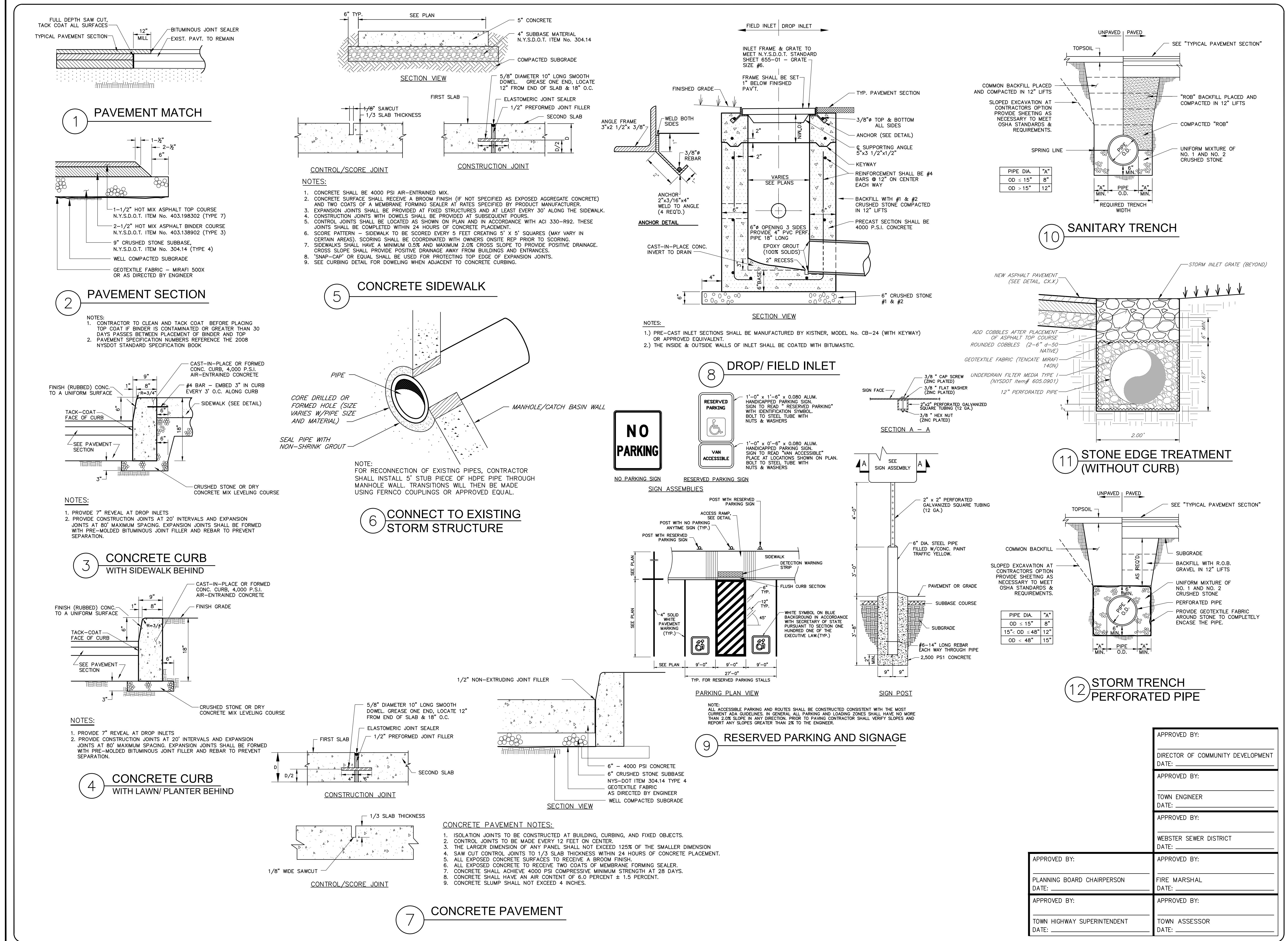
REVISIONS
DATE BY REVISION

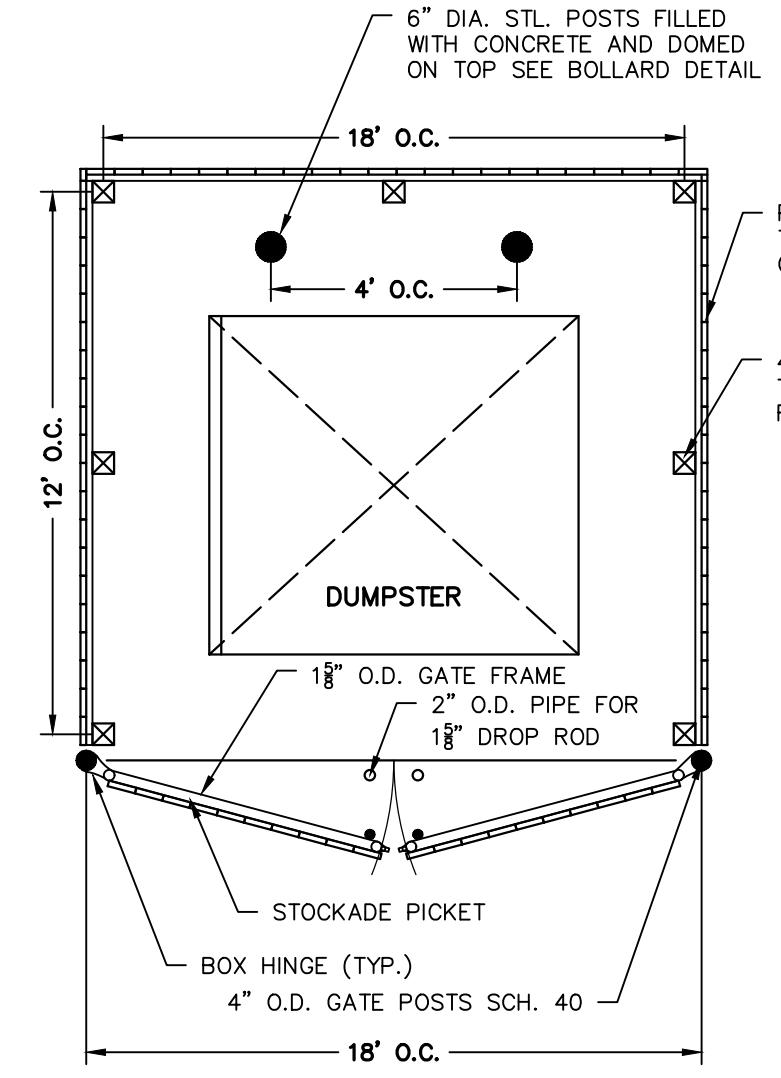
STATE OF NEW YORK
ROBERT P. BRIGLEY
LICENSED PROFESSIONAL ENGINEER
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CONSTRUCTION DRAWING

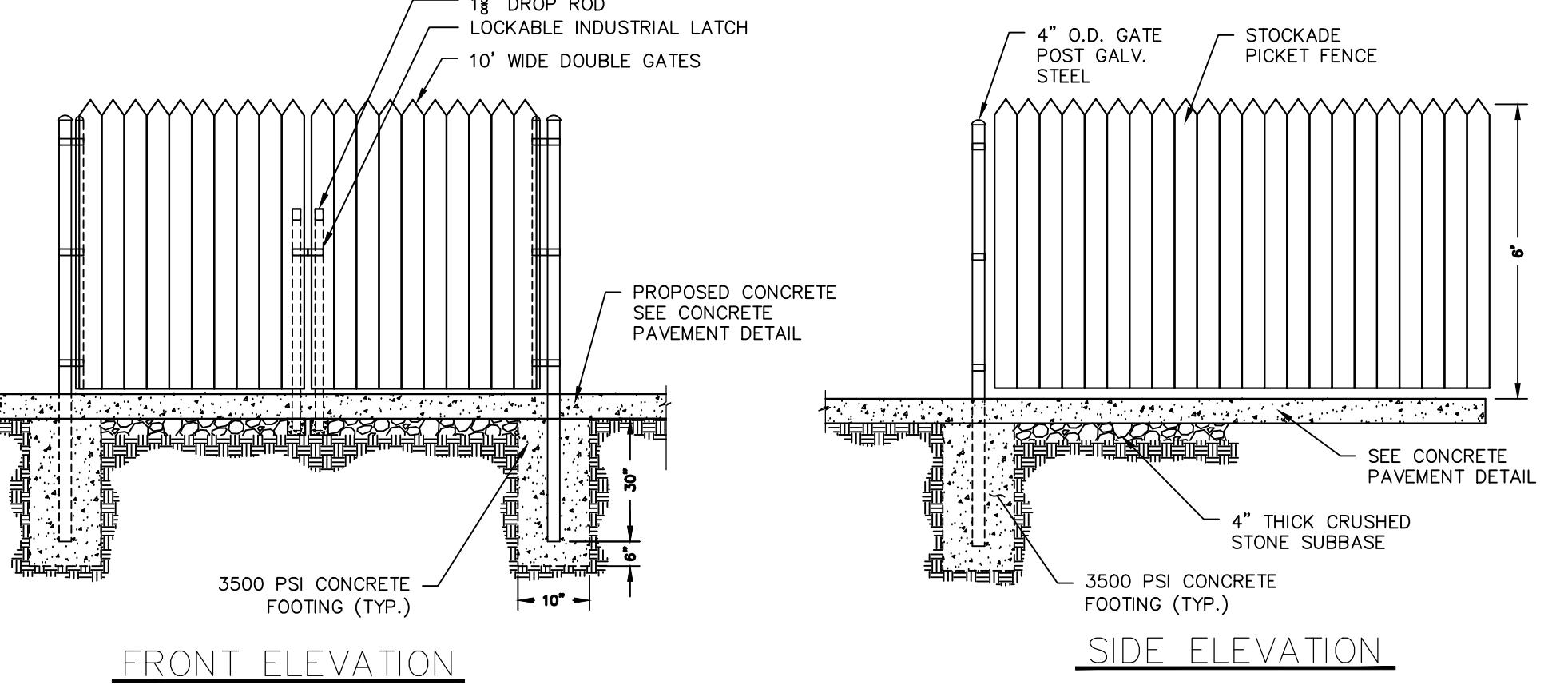
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CONSTRUCTION DETAILS

6 of 7
SHEET NO:
1764-25
JOB NO:
DRAWING NO:
C5.0





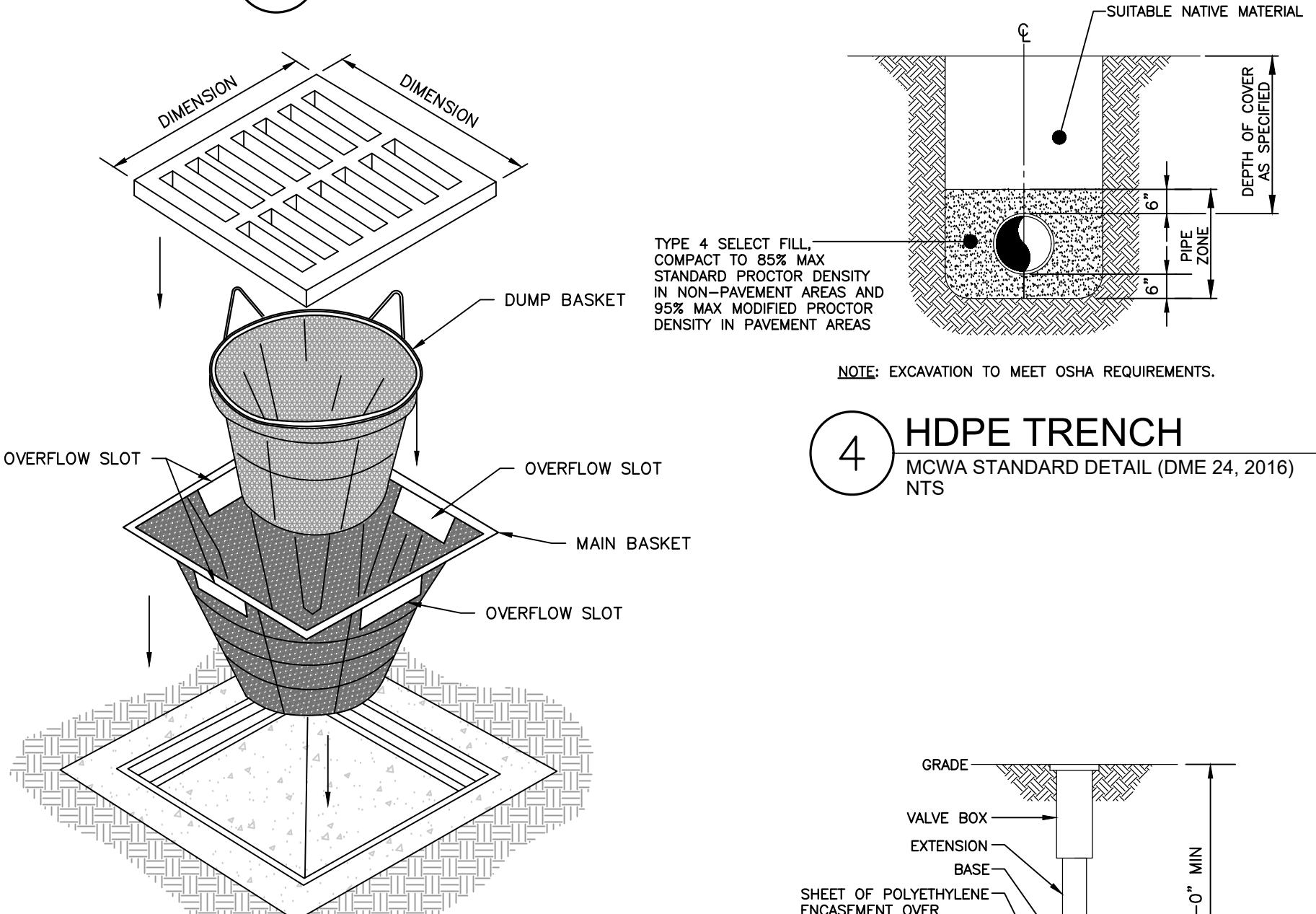
PLAN VIEW



FRONT ELEVATION

SIDE ELEVATION

1 DUMPSTER ENCLOSURE



4 HDPE TRENCH

MOWA STANDARD DETAIL (DME 24, 2016)
NTS

CONSTRUCTION SPECIFICATIONS

1. SEDIMENT BASKET SHALL BE "SEDCAATCH-SEDBASKET" INLET PROTECTION, OR APPROVED EQUAL WITH OVERFLOW SLOTS THAT PRESERVE A MINIMUM OF 50% OF THE OPEN UNOBSTRUCTED DESIGN FLOW AREA.
2. DRAINAGE AREA SHALL BE LIMITED TO 1 ACRE.
3. FAIRING SHALL NOT EXCEED APPROXIMATE STANDARD OF SILT FENCE.
4. INSTALL BASKET(S) PER MANUFACTURER'S INSTRUCTION.
5. INSPECT AFTER EACH RAIN OR AS DIRECTED BY ENGINEER OR INSPECTOR.
6. IF THERE IS AN ACCUMULATION OF SEDIMENT: SLIDE THE GRATE OFF THE INLET, LIFT THE DUMP BASKET OUT OF THE MAIN BASKET, EMPTY CONTENTS IN A SUITABLE LOCATION, REPLACE DUMP BASKET, REPLACE GRATE.
7. DUMP THE BASKET OF ANY ACCUMULATED SEDIMENT AS RECOMMENDED BY MANUFACTURER, OR AS DIRECTED BY INSPECTOR.
8. AS WITH ALL INLET PROTECTION DEVICES, CHECK TO SEE HOW DEEP THE WATER COULD RISE IF THE INLET WERE TO BE BLOCKED ENTIRELY. DO NOT INSTALL IF IT COULD CAUSE PROPERTY DAMAGE OR POSE A SAFETY HAZARD TO TRAFFIC.

2 SEDIMENT BASKET INLET PROTECTION

SCALE: N.T.S

5 VALVE

MCWA STANDARD DETAIL (DME 5, 2016)
NTS

CONSTRUCTION SPECIFICATIONS

1. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
2. VALVE SHALL NOT SUPPORT VALVE BOX.
3. ALL VALVES SHALL BE OPEN LEFT EXCEPT:
TOWN OF WEBSTER - VALVES 12" AND SMALLER SHALL OPEN RIGHT.
TOWN OF HENRIETTA - SHALL OPEN RIGHT.

6 ACCESS RAMP

MCWA STANDARD DETAIL (DME 5, 2016)
NTS

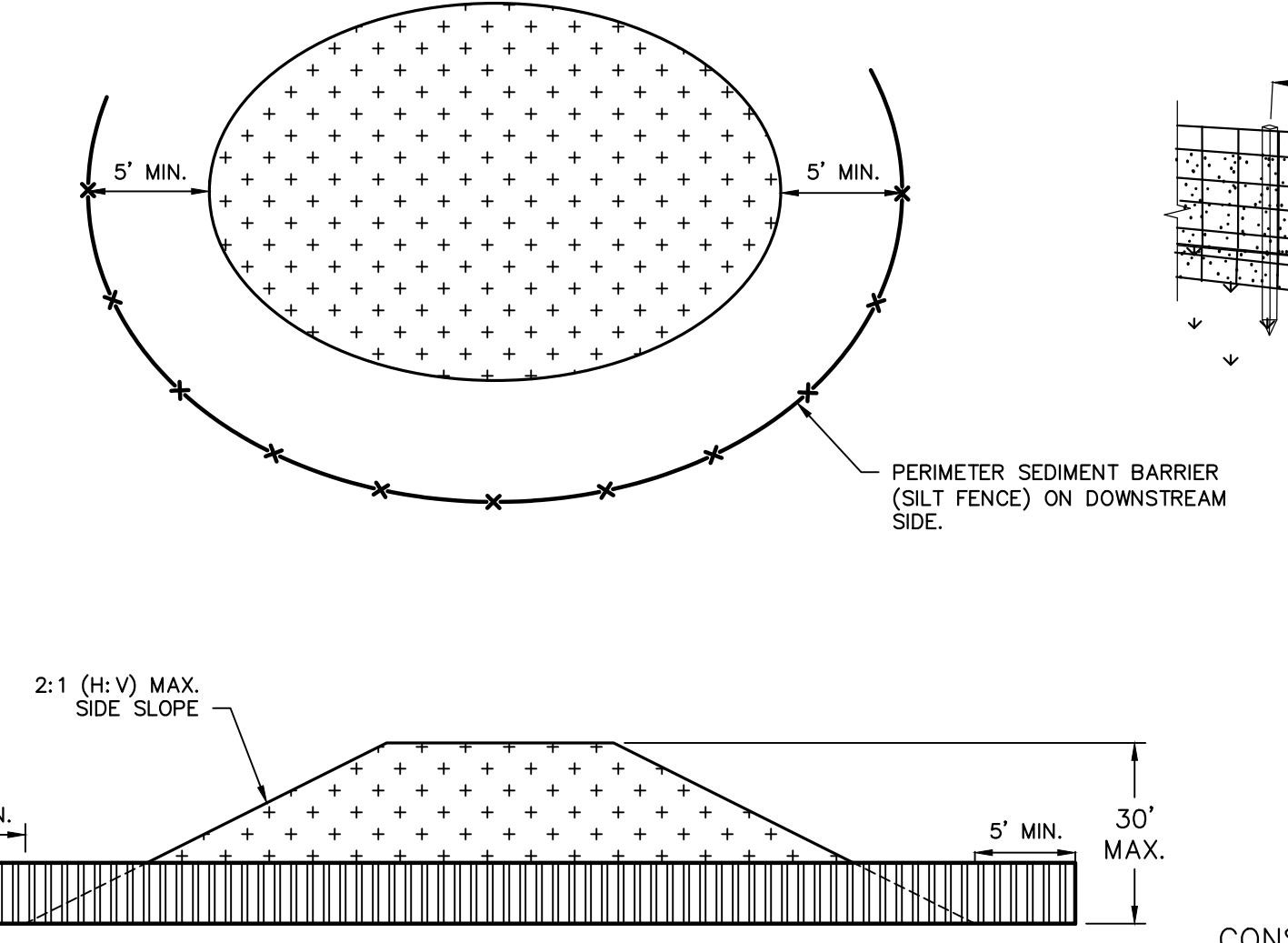
CONSTRUCTION SPECIFICATIONS

1. CONTRACTOR TO VERIFY SIZE REQUIREMENTS BASED ON ANTICIPATED VOLUMES OF CONCRETE WASHOUT.
2. CONCRETE WASHOUT SHOULD BE PLACED TO NOT ACCEPT SURFACE RUNOFF EXCEPT THE AREA WHERE THE CONCRETE IS TO BE USED.
3. IF WATER DOES NOT EVAPORATE AND IS GREATER THAN 75% FULL CONTRACTOR SHALL REMOVE LIQUIDS AS REQUIRED BY THE LOCAL AUTHORITY (SAN SEALER OF TRUCK).
4. PROVIDE A MINIMUM OF 12" DEEP CONCRETE LINER. SECURE LINER TO PREVENT INFILTRATION & REPLACE AS NECESSARY FOR TEARS.

7 DISINFECTION/ BLOW-OFF/ SAMPLING TAP (TEMPORARY)

MCWA STANDARD DETAIL (DME 14, 2016)
NTS

CONSTRUCTION SPECIFICATIONS

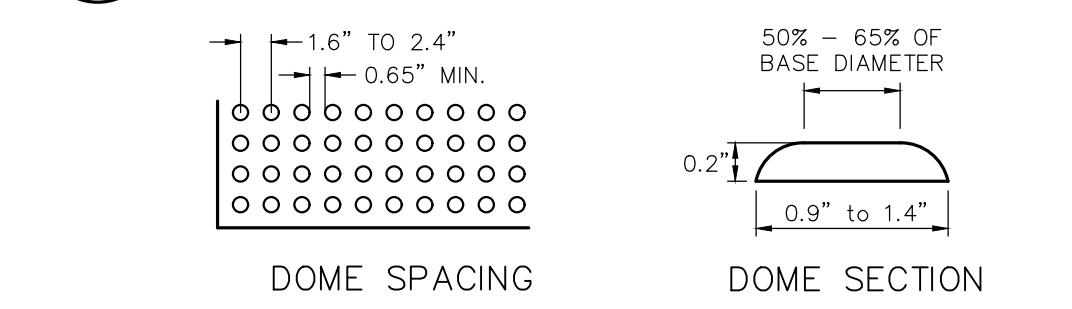


CONSTRUCTION SPECIFICATIONS

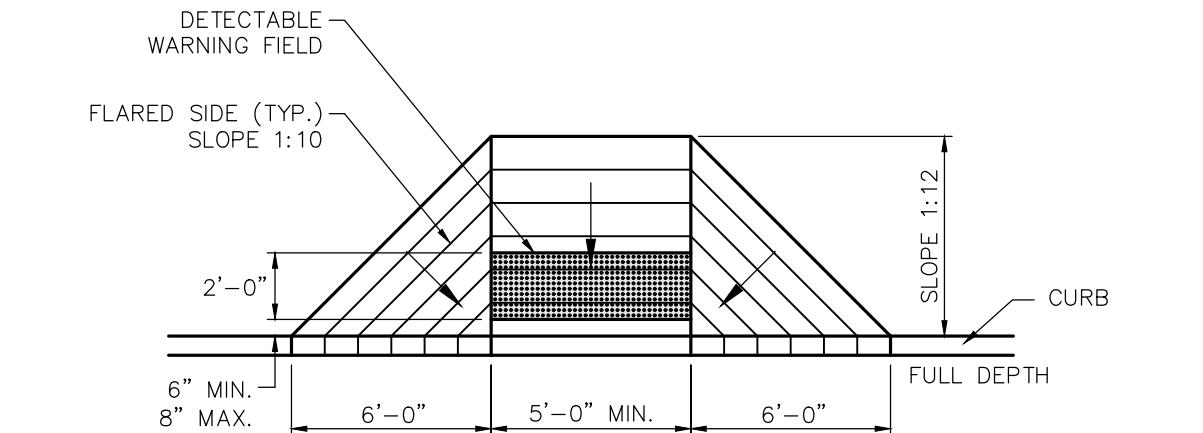
1. SEDIMENT BARRIER (SILT FENCE) SHALL BE PLACED AROUND THE PERIMETER OF ALL STOCKPILES OF ALL ERODIBLE MATERIAL.
2. OFFSET SEDIMENT BARRIER FROM STOCKPILE A MINIMUM OF 5' FROM THE TOE OF STOCKPILE FOR SEDIMENT ACCUMULATION.
3. IMMEDIATELY STABILIZED STOCKPILED MATERIAL WITH SEED AND MULCH.
4. INSPECT STOCKPILE PERIMETER CONTROL AFTER EACH RAIN EVENT.
5. ONCE SEDIMENT HAS ACCUMULATED TO A HEIGHT OF 50% OF THE SEDIMENT BARRIER HEIGHT, THE CONTRACTOR SHALL REMOVE COLLECTED SEDIMENT AND SPOIL MATERIAL ON STOCKPILE AND RESTABILIZE WITH SEED AND MULCH.
6. ENVRO-FENCE WITH INTEGRAL MESH IS ACCEPTABLE SUBSTITUTE.

3 STOCKPILE AREA

SCALE: N.T.S



4 DETECTABLE WARNING FIELD



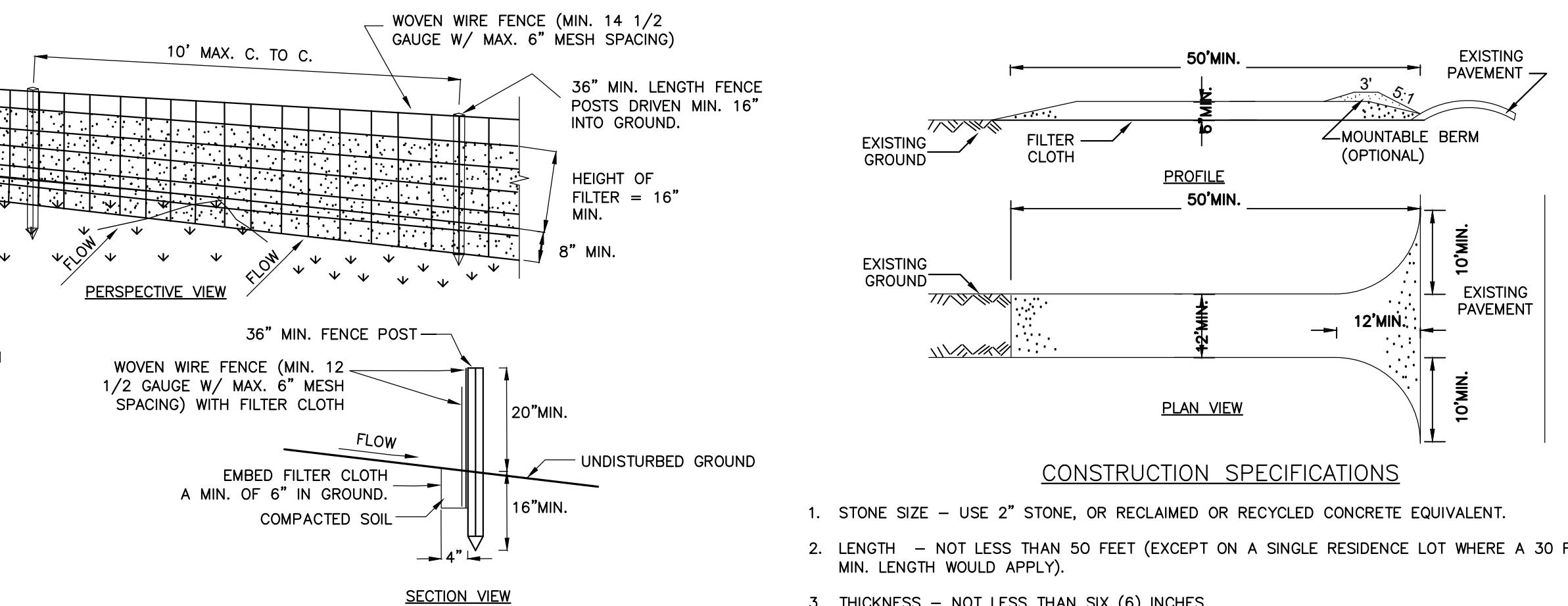
NOTES:

1. SURFACE TEXTURE OF RAMP SHALL BE COARSE BROOM FINISHED TRANSVERSE TO RAMP.
2. REFER TO TYPICAL SIDEWALK DETAIL FOR MATERIAL SPECIFICATIONS.
3. DETECTABLE WARNING FIELD SHALL EXTEND THE FULL WIDTH OF CURB RAMP OR FLUSH SURFACE.
4. DETECTABLE WARNING FIELD SHALL BE "DARL GREY" IN COLOR, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, OR ACOE.
5. DETECTABLE WARNING FIELD SHALL BE ADA SOLUTIONS WARNING SURFACE - 'CAST-IN-PLACE TACTILE REPLACEABLE' OR EQUAL.

5 ACCESS RAMP

MCWA STANDARD DETAIL (DME 14, 2016)
NTS

CONSTRUCTION SPECIFICATIONS

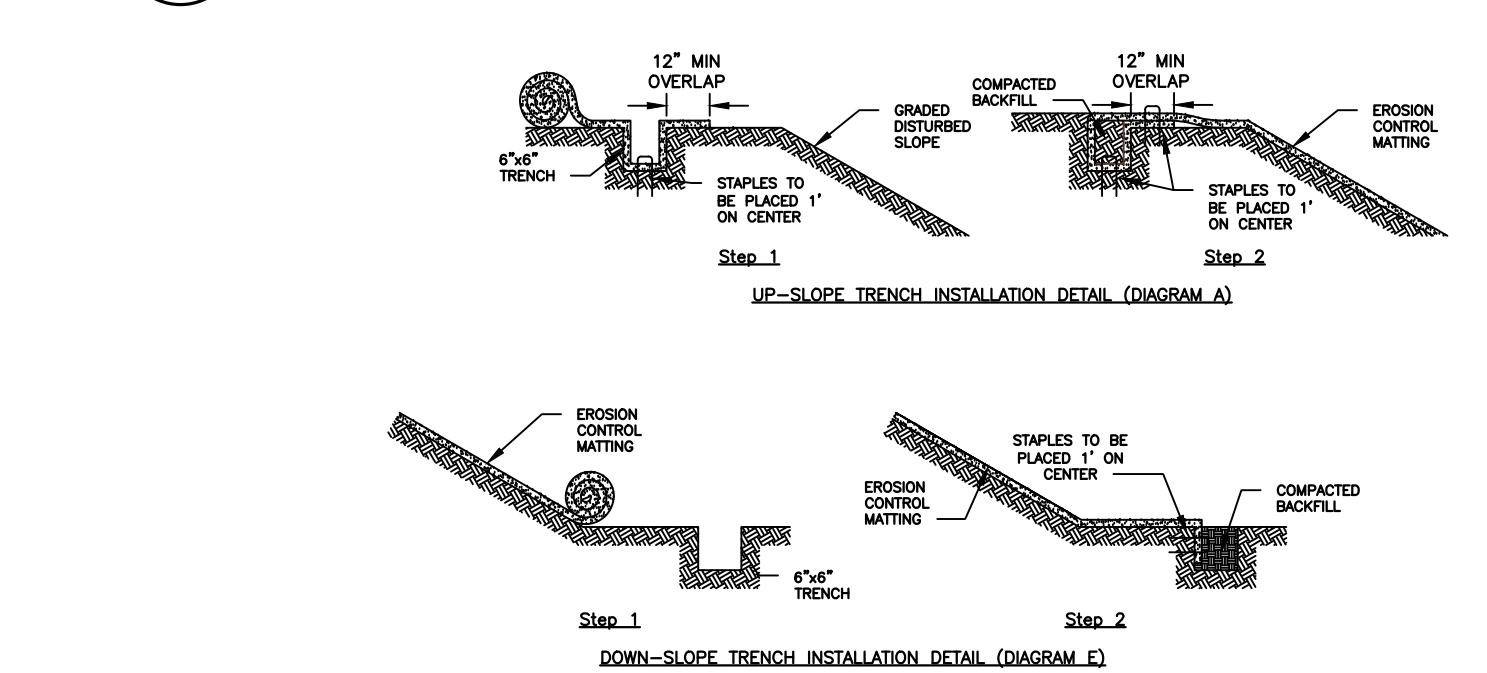


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL "T" OR "U" TYPE OF HARDWOOD.
2. FILTER CLOTH 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 OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAF 100X, STABLINKKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. ENVRO-FENCE WITH INTEGRAL MESH IS ACCEPTABLE SUBSTITUTE.

8 SILT FENCE

SCALE: N.T.S



CONSTRUCTION DETAILS

1. DIG A 6" BY 6" TRENCH BOTH UP-SLOPE AND DOWN-SLOPE OF THE AREA THE MATTING IS TO BE APPLIED. PREPARE THE SLOPE SOIL SURFACE (RAKING, SEEDING AND FERTILIZING).
2. BEGIN BY PLACING THE BLANKET A MINIMUM OF 12" DOWN-SLOPE OF THE UP-SLOPE TRENCH. SECURE THE BLANKET AT THE BOTTOM OF THE TRENCH WITH STAPLES PLACED 12" APART. BACKFILL AND COMPACT THE TRENCH. APPLY SEED, AND FOLD THE BLANKET OVER SOIL, SECURE WITH A ROW OF STAPLES PLACED 12" APART ACROSS THE WIDTH OF THE BLANKET. (SEE DIAGRAM A)
3. ROLL THE BLANKET VERTICALLY DOWN THE SLOPE. SECURE USING THE APPROPRIATE STAPLE PATTERN BELOW, SPECIFIED BY SLOPE. (SEE STAPLE PATTERNS)
4. PARALLEL BLANKETS MUST BE OVERLAPPED BY A MINIMUM OF 4", AND SECURED WITH A ROW OF STAPLES PLACED APPROXIMATELY 3'-0" APART. (SEE DIAGRAM B)
5. ADDITIONAL VERTICAL BLANKETS CAN BE JOINED USING A MINIMUM 4" OVERLAP OR SHINGLE STYLE (SEE DIAGRAM C) IN THE DIRECTION OF WATER FLOW. CONNECT THE BLANKETS BY PLACING STAPLES APPROXIMATELY 12" ACROSS THE WIDTH OF THE BLANKETS.
6. FOR MAXIMUM PERFORMANCE A CHECK SLOT SHOULD BE PLACED AT 25'-40' INTERVALS. PLACE A ROW OF STAPLES 4" APART ALONG THE ENTIRE WIDTH OF THE SLOPE. A SECOND ROW SHOULD BE PLACED 4" BELOW IN A STAGGERED PATTERN. THEN CONTINUE WITH GENERAL INSTALLATION. (SEE DIAGRAM D)
7. THE END OF BLANKET MUST BE SECURED IN A 6" X 6" TRENCH WITH A ROW OF STAPLES PLACED AT 12" INTERVALS. (DIAGRAM E)
8. EAST COAST EROSION CONTROL ECS-2 DOUBLE NET STRAW ROLLED EROSION CONTROL PRODUCT OR APPROVED EQUAL

9 STABILIZED CONSTRUCTION ENTRANCE

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

10 EROSION CONTROL BLANKET

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

11 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

12 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

13 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

14 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

15 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

16 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

17 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

18 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

19 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

20 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

21 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

22 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

23 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

24 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

25 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

26 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

27 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

28 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

29 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

30 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

31 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

32 CONCRETE WASHOUT

SCALE: N.T.S

CONSTRUCTION SPECIFICATIONS

33 CONCRETE WASHOUT