RECEIVED

By Mattie VandenBoom at 12:39 pm, Jul 24, 2024

DEFINITIVE SITE PLAN

FOR

39 LARMARTINE STREET WORCESTER, MASSACHUSETTS 01610

RECORD APPLICANT:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MA 01532

RECORD OWNER:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MA 01532

LAND PLANNERS-CIVIL ENGINEERS:

J.M. GRENIER ASSOCIATES INC.

118 TURNPIKE ROAD SUITE 200

SOUTHBOROUGH, MA 01772

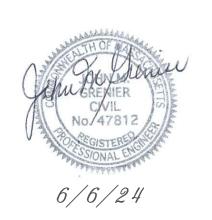
(508) 845-2500

LAND SURVEYORS:

GEO/NETWORK LAND SURVEY INC. 645 CHANDLER STREET SUITE 7 WORCESTER, MA 01610

ZONING DISTRICT: BUSINESS, GENERAL (BG-3.0)

INDEX DESCRIPTION SHEET NUMBER 1 OF 8 COVER EXISTING CONDITIONS PLANS 2 OF 8 LAYOUT PLAN 3 OF 8 GRADING AND DRAINAGE PLAN 4 OF 8 5 OF 8 UTILITY PLAN 6 OF 8 EROSION & SEDIMENTATION CONTROL PLAN DETAIL PLAN 7 OF 8 DETAIL PLAN 8 OF 8



REV. NO.	DATE	REVISION					
SCALE	AS SH	OWN	DATE: JUNE 6, 2024				
COVER SHEET							
SHEET NO.:			PROJECT NO.:				
SHEET 1 OF 8			G-647				

PLAN REFERENCES

PLAN BOOK 474 PLAN 123 PLAN BOOK 842 PLAN 40 PLAN BOOK 845 PLAN 105

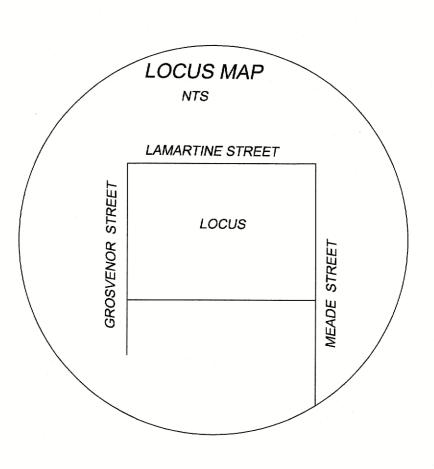
MGL C41 S81X SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS,

AND THE LINES OF THE STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW LINES FOR DIVISION OF

EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

CITY OF WORCESTER PLANS LAMARTINE STREET (H-15 6741-1) MEADE STREET (H-9286) GROSVENOR STREET (H-9323)



PLAN BOOK84 PLAN 105 RIM-451.30 (NOT SHOWN ON UTILITY PLAN FRON CITY) O RIM S 451.51 www. © RIM 449.85 451.98' + 452.79' + 452.61' DEPRESS 450.83' AREA 451.40' 450.89° 451.69' RIM (\$) 449.44 \bowtie STREE 452.87 451.82 #39 18,154±SQ FT GROSVENOR PUBLIC 40' + 453.18' / 452.93**'** + 453.47 DIG SAFE _ LABEL NG 450.01 /451.93' TIE DISTANCE 452.3 453.61 451.59' 451.4**5**" S85° 51' 44"E 37.94' RIM(HELD) 453.50 450.73° 453.80' LABEL T452.60' 449.18 451.25' 450.61' 450.06 SBDH FND N86° 28' 05"W 159.45' N52' 33' 16"W 0.28' TO LOT CORNER WH BOUND FND 449.06 571° 47′ 06″E 2.07′ TO ANGLE POINT EASEMENT SHOWN 448.91 PLAN BOOK 474 PLAN 123 N/F CITY OF WORCESTER DIG SAFE LABEL CC RIM (\$) 449.21 GRAPHIC SCALE (IN FEET) 1 inch = 20 ft. WH BOUND FND & HELD

NOTES

- 7, DATUM TAKEN FROM SMH ON UNTILITY
 449.31 PLAN FROM CITY OF WORCESTER
 - 2.) CONSRTUUCTION ON LOTS OR LAND IS SUBJECT TO ANY EASEMENTS, RIGHT OF WAYS, RESTRICTION RESERVATIONS OR LIMITATIONS ON RECORD
 - 3.) UTILITIED SHOWN ARE FROM FIELD LOCATIONS
 IT SHALL BE THE RESPONSIBILTY OF THE DESIGN ENGINEER
 AND THE CONTRACTOR TO VERIFY THE SIZE, EVEVATION AND
 LOCATION, AND TO CONTACT "DIG-SAFE ST LEAST 72
 HOURS PRIOR TO ANY EXCAVATION, DEMOLITION OR
 CONSTRUCTION

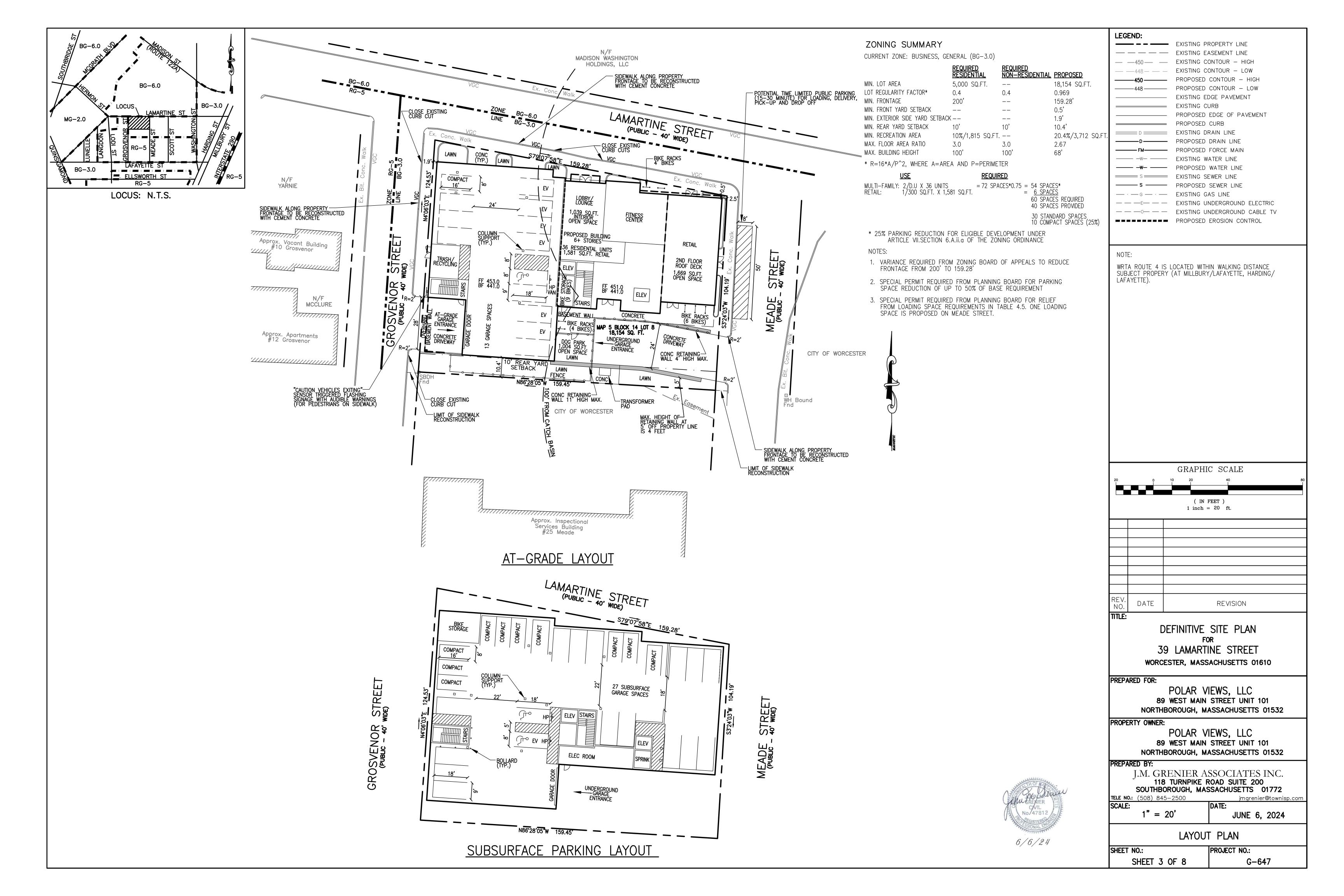
OWNER OF RECORD
39 LAMARTINE STREET LLC
DEED BOOK 66121 PAGE 388

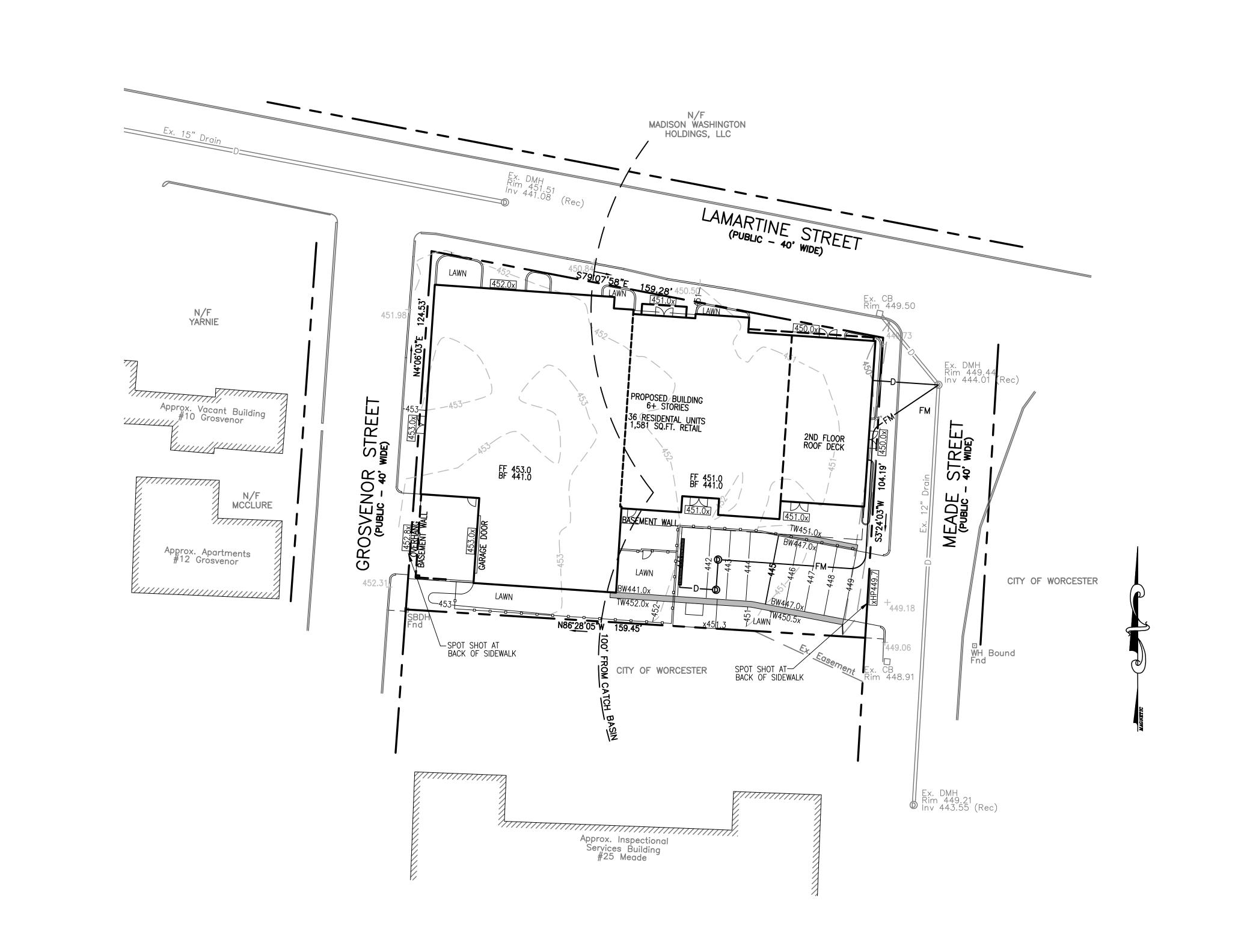
PLAN OF LAND
39 LAMARTINE STREET
WORCESTER, MA

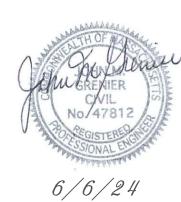
PREPARED FOR: DANIEL AND REBECCA YARNIE FEBRUARY 24, 2024 SCALE 1' = 20'

GEO / NETWORK LAND SURVEY, INC.

645 CHANDLER STREET SUITE 7
WORCESTER, MASSACHUSETTS 01610
508-755-7003 FAX 508-755-8003



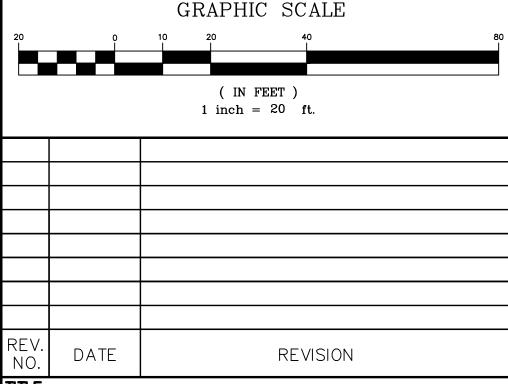




LEGEND:	
	EXISTING PROPERTY LINE
	EXISTING EASEMENT LINE
— —450— —	EXISTING CONTOUR - HIGH
— —448— — —	EXISTING CONTOUR - LOW
450	PROPOSED CONTOUR - HIGH
448	PROPOSED CONTOUR - LOW
	EXISTING EDGE PAVEMENT
	EXISTING CURB
	PROPOSED EDGE OF PAVEMENT
	PROPOSED CURB
D	EXISTING DRAIN LINE
D	PROPOSED DRAIN LINE
——— FM———	PROPOSED FORCE MAIN
——————————————————————————————————————	EXISTING WATER LINE
	PROPOSED WATER LINE
s	EXISTING SEWER LINE
s	PROPOSED SEWER LINE
— · — G — · —	EXISTING GAS LINE
E	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND CABLE TV
	PROPOSED EROSION CONTROL

NOTES:

- 1. EXISTING CONDITIONS SURVEY BY GEO/NETWORK LAND SURVEY INC. 645 CHANDLER STREET SUITE 7 WORCESTER, MA 01610.
- 2. REFERENCE CITY OF WORCESTER ASSESSOR'S MAP 5 BLOCK 14 LOT 8.
- 3. REFERENCE WORCESTER REGISTRY OF DEEDS BOOK 67447 PAGE 1.
- 4. DATUM IS NAVD88.
- 5. EXISTING SOILS ON SITE ARE URBAN LAND.



DEFINITIVE SITE PLAN
FOR
39 LAMARTINE STREET
WORCESTER, MASSACHUSETTS 01610

PREPARED FOR:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

PROPERTY OWNER:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

PREPARED BY:

J.M. GRENIER ASSOCIATES INC. 118 TURNPIKE ROAD SUITE 200 SOUTHBOROUGH, MASSACHUSETTS 01772

TELE NO.: (508) 845-2500 SCALE:

ASSACHUSETTS 01772

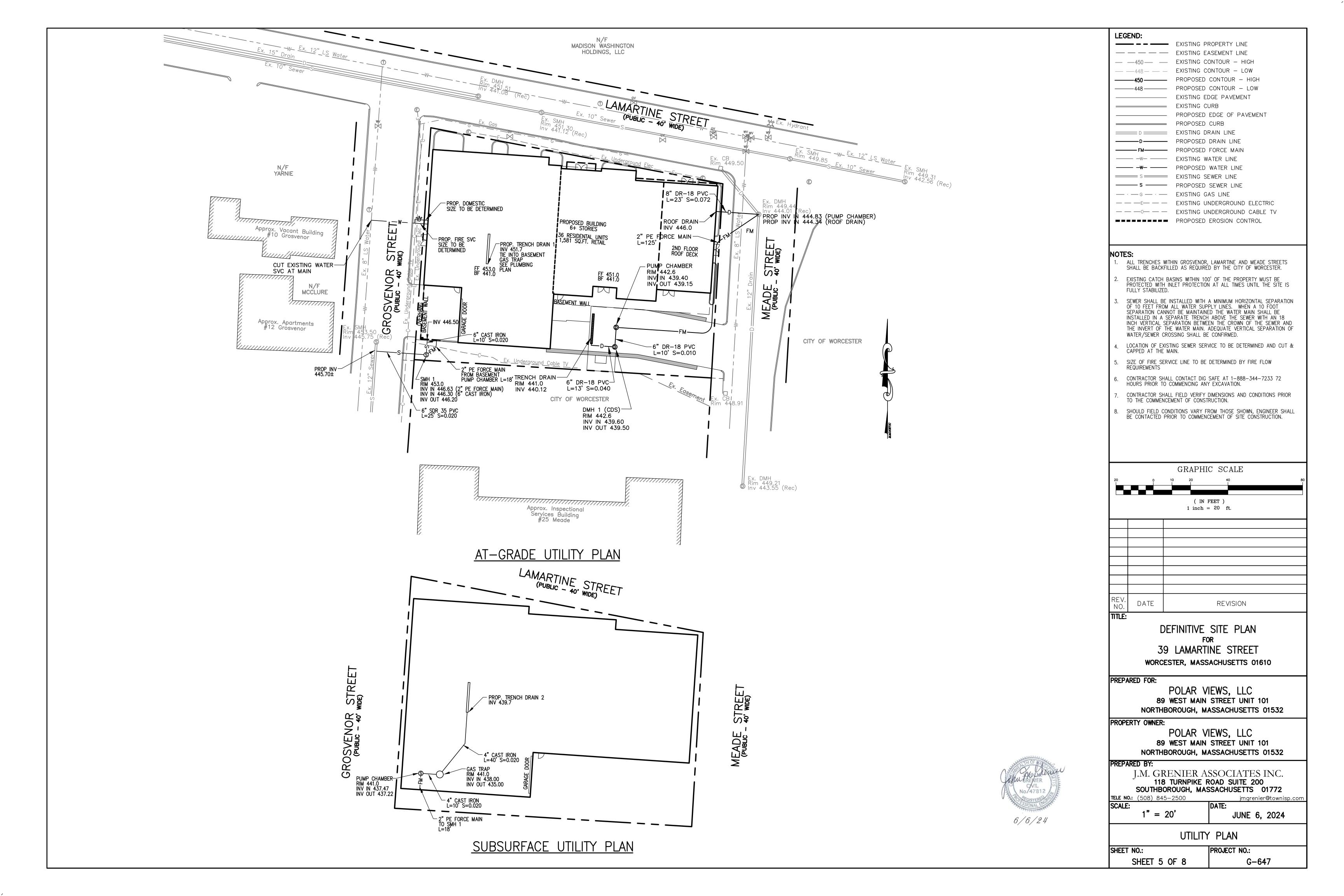
jmgrenier@townisp.com

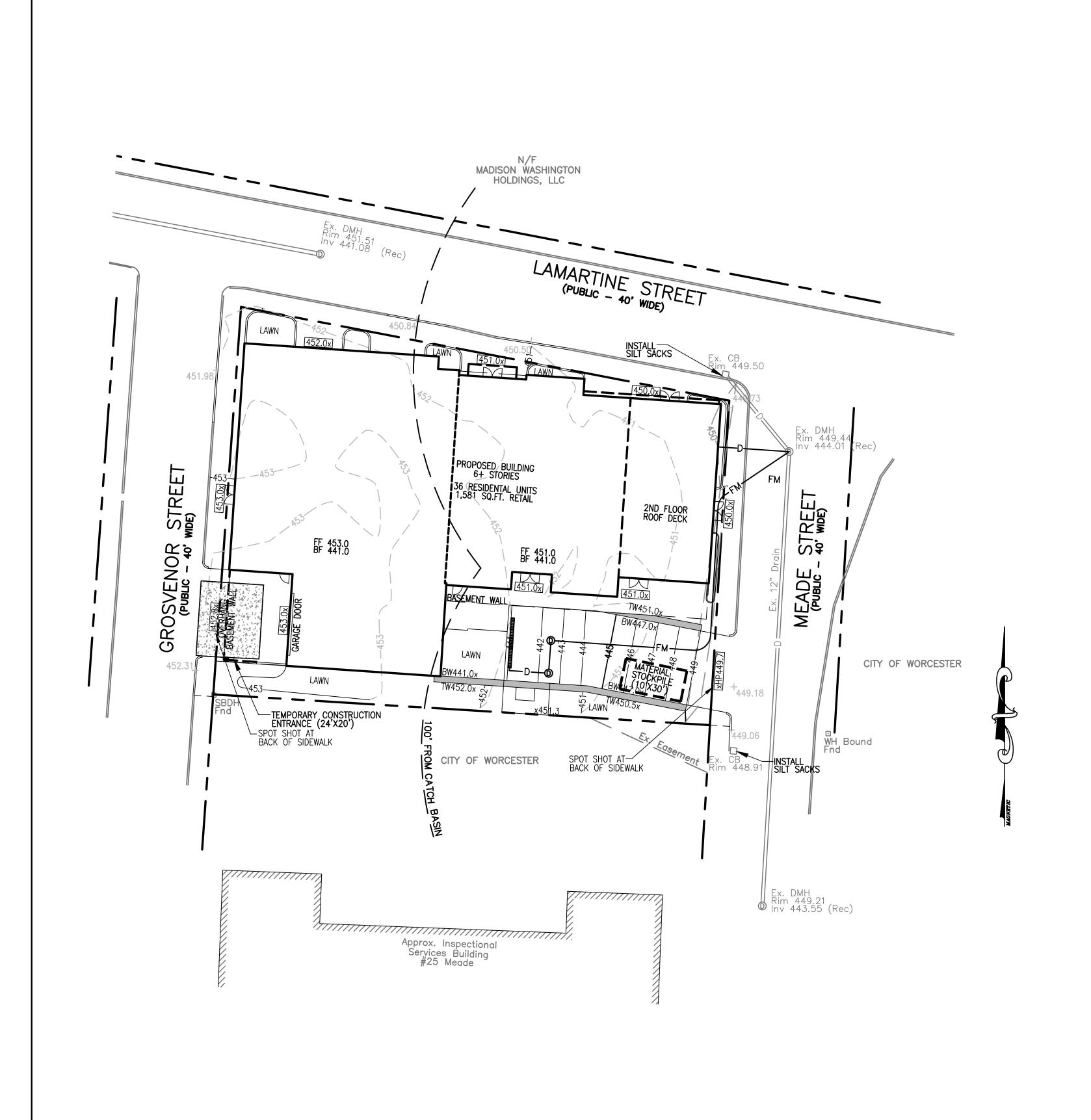
JUNE 6, 2024

1" = 20'

GRADING AND DRAINAGE PLAN

SHEET NO.: SHEET 4 OF 8 PROJECT NO.: G-647





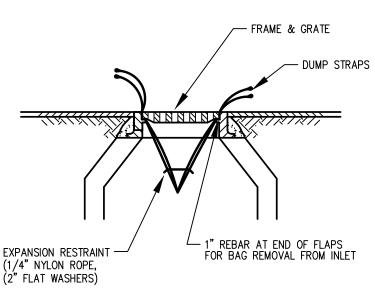
1. Seeding and repairs shall be performed as required. Sediment and debris shall be removed at least once a year, typically in early spring prior to the commencement of the growing season.

2. The CDS unit shall be inspected and cleaned as recommended by the

3. The pump chamber shall be inspected yearly. Pump maintenance shall follow manufacturer's instructions.

4. The contractor will be responsible for the maintenance of all drainage structures and until such time as the site work is complete. The maintenance will then be the responsibility of the property owners.

STORMWATER COLLECTION & TREATMENT SYSTEM INSPECTION & MAINTENANCE GUIDELINES



BAGS SHOULD BE CLEANED OUT AFER EVERY RAIN EVENT AND/OR

SILT SACK DETAIL

CONSTRUCTION SEQUENCING:

- 1. SELECTIVELY CUT TREES AND CLEAR BRUSH TO BE CHIPPED AND HAULED OFF SITE. NOTE THAT THE SITE IS IN THE ASIAN LONGHORNED BEETLE (ALB) REGULATED AREA.
- 2. STAKE LOCATION OF AND INSTALL EROSION CONTROL BARRIER, CONSTRUCTION ENTRANCE AS DELINEATED ON SITE PLAN.
- 3. STRIP TOP AND SUBSOIL AS NECESSARY IN WORK AREA. STOCKPILE MATERIAL ON SOUTH PORTION OF LOT FOR BACKFILLING PURPOSES AT COMPLETION OF FOUNDATION CONSTRUCTION.
- 4. FORM AND POUR FOUNDATION FOR NEW BUILDING.
- 5. BACKFILL FOUNDATION AREAS AS NECESSARY.
- 6. CONSTRUCT BUILDING.
- 7. CONSTRUCT DRIVEWAYS AND LOAM AND SEED DISTURBED
- 8. ALL EXCESS MATERIALS TO BE REMOVED FROM THE SITE AS SOON AS PRACTICAL
- 9. ALL GRADED AREAS TO BE LANDSCAPED, LOAMED AND SEEDED AS SOON AS PRACTICAL TO REDUCE ANY POTENTIAL EROSION.

NOTE: PROCESSES AS DESCRIBED ABOVE ARE ESTIMATED TO TAKE 9 MONTHS. WINTER CONDITIONS MAY AFFECT THIS SCHEDULE.

GENERAL:

. THIS PLAN IS INTENDED TO PROVIDE GUIDANCE AND INSTRUCTION TO THE CITY OF WORCESTER AND THE CONTRACTOR(S) IN THE PREVENTION OF EROSION AND SEDIMENTATION OFF SITE. THIS PLAN IS INTENDED TO ALLOW ANY CONDITIONS OF APPROVAL TO BE MORE SPECIFIC IN ADDRESSING ITEMS OF CONCERN. IF CONDITIONS BY THE CITY OF WORCESTER ARE IN CONFLICT WITH REQUIREMENTS AS SPECIFIED ON THE PLANS CONDITIONS AS SPECIFIED BY THE CITY OF WORCESTER SHALL SUPERSEDE THE REQUIREMENTS SPECIFIED ON THESE PLANS.

PRE-CONSTRUCTION:

- . AN EROSION CONTROL BARRIER (SEE BELOW) SHALL BE INSTALLED AS DEPICTED ON THE PLANS, BETWEEN THE AREAS TO BE DISTURBED AND RECEIVING DRAINAGE WAY AND STRUCTURES. THIS BARRIER SHALL REMAIN IN PLACE UNTIL ALL TRIBUTARY SURFACES HAVE BEEN FULLY STABILIZED. THE EROSION CONTROL BARRIERS AS SHOWN ON THE PLANS ARE THE MINIMUM PROTECTIVE MEASURES REQUIRED TO PROTECT THE ON AND OFF SITE DRAINAGE SYSTEMS.
- 2. THE CONTRACTOR SHALL ESTABLISH A STAGING AREA AS SHOWN ON THE PLAN FOR THE OVERNIGHT STORAGE OF EQUIPMENT AND STOCKPILING OF MATERIALS.
- 3. IN THE STAGING AREA, THE CONTRACTOR SHALL HAVE A STOCKPILE OF MATERIALS REQUIRED TO CONTROL EROSION ON-SITE TO BE USED TO SUPPLEMENT OR REPAIR EROSION CONTROL DEVICES. THESE MATERIALS SHALL INCLUDE, BUT ARE NOT LIMITED TO: HAY BALES, SILT FENCE AND CRUSHED STONE.
- 4. A TEMPORARY STONE CONSTRUCTION ENTRANCE IS REQUIRED TO PREVENT TRACKING OF SILT, MUD, ETC. ONTO EXISTING ROADS. THE STONE SHALL BE REPLACED REGULARLY AS WELL AS WHEN THE STONE IS SILT LADEN OR EQUIPMENT IS OBSERVED TO BE TRACKING SOIL ONTO THE ROADWAYS. SEE GENERAL CONSTRUCTION REQUIREMENTS, SEE NOTE #4 BELOW.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL ON & OFF SITE AND SHALL UTILIZE EROSION CONTROL MEASURES WHERE NEEDED, REGARDLESS OF WHETHER THE MEASURES ARE SPECIFIED HEREIN, ON THE PLAN OR IN ANY ORDER OF CONDITIONS.

PRELIMINARY SITE WORK:

- 1. MATERIAL REMOVED SHOULD BE STOCKPILED, SEPARATING THE TOPSOIL FOR FUTURE USE ON THE SITE OR IN A SECURED OFF SITE AREA APPROVED BY THE OWNER. EROSION CONTROLS SHALL BE UTILIZED ALONG THE DOWN SLOPE OF THE PILES IF THE PILES ARE TO REMAIN FOR MORE THAN THREE WEEKS.
- 2. IF INTENSE RAINFALL IS ANTICIPATED, THE INSTALLATION OF SUPPLEMENTAL HAY BALE DIKES, SILT FENCES, OR ARMORED DIKES SHALL BE UTILIZED.
- 3. IF THE SITE CONSTRUCTION OCCURS AT ANY TIME OTHER THAN THE APRIL DECEMBER CONSTRUCTION SEASON, ALL DRAINAGE SYSTEMS TEMPORARY OR PERMANENT SHALL MAINTAIN TO ENSURE ADEQUATE HYDRAULIC CAPACITY, AND DRAINING CHARACTERISTICS.

EROSION CONTROL MEASURES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT EROSION AND SEDIMENTATION ARE CONTROLLED. THIS PLAN SHALL BE SHALL BE ADAPTED TO FIT THE CONTRACTOR'S EQUIPMENT, WEATHER CONDITIONS, AND ANY CONDITIONS ISSUED BY THE CITY OF WORCESTER
- 2. THE MOST IMPORTANT ASPECTS OF CONTROLLING EROSION AND SEDIMENTATION ARE LIMITING THE EXTENT OF DISTURBANCE AND STABILIZING SURFACES AS SOON AS POSSIBLE. OF SECONDARY IMPORTANCE IN EROSION CONTROL IS THE LIMITING THE SIZE AND LENGTH OF THE TRIBUTARY DRAINAGE AREA WITHIN THE WORK SITE AND DRAINAGE STRUCTURES. THESE FUNDAMENTAL PRINCIPLES SHALL BE THE KEY FACTOR IN THE CONTRACTOR'S CONTROL OF EROSION ON THE SITE.
- 3. THE EXISTING SOIL CONDITIONS PROVIDE THE POTENTIAL OF RUNOFF TO OFF-SITE AREAS WITH EROSION POTENTIAL.
- 4. ALL DISTURBED SURFACES SHALL BE STABILIZED A MINIMUM OF 14 DAYS AFTER CONSTRUCTION IN ANY PORTION OF THE SITE HAS CEASED OR IS TEMPORARILY HALTED UNLESS ADDITIONAL CONSTRUCTION IS INTENDED TO BE INITIATED WITHIN 21 DAYS.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND REPAIR OF ALL EROSION CONTROL DEVICES WITHIN THE LIMIT OF WORK. ALL EROSION CONTROL DEVICES SHALL BE REGULARLY INSPECTED. ANY SEDIMENTS REMOVED FROM THE CONTROL DEVICES SHALL BE DISPOSED OF.
- 6. AT NO TIME SHALL SILT-LADEN WATER BE ALLOWED TO ENTER SENSITIVE AREAS (WETLANDS, OFF-SITE AREAS AND DRAINAGE SYSTEMS). ANY RUNOFF FROM DISTURBED SURFACES SHALL BE DIRECTED THROUGH SETTLING BASINS AND EROSION CONTROL BARRIERS PRIOR TO ENTERING ANY SENSITIVE AREAS.

GENERAL CONSTRUCTION REQUIREMENTS:

- 1. ANY REFUELING OF CONSTRUCTION VEHICLES AND EQUIPMENT SHALL NOT TAKE PLACE INSIDE OF A 100 FOOT BUFFER ZONE, NEAR THE ENTRANCE TO ANY DRAINAGE SYSTEM AND SHALL NOT BE CONDUCTED IN PROXIMITY TO SEDIMENTATION BASINS.
- 2. NO ON-SITE DISPOSAL OF STUMPS, SOLID WASTE, INCLUDING CONSTRUCTION MATERIALS IS
- 3. NO MATERIALS SHALL BE DISPOSED OF INTO THE WETLANDS, OR EXISTING/PROPOSED DRAINAGE SYSTEMS. ALL CONTRACTORS INCLUDING: CONCRETE SUPPLIERS, PAINTERS AND PLASTERERS, SHALL BE INFORMED THAT THE CLEANING OF EQUIPMENT IS PROHIBITED IN AREAS WHERE THE WASH-WATER WILL DRAIN DIRECTLY TO THE SITE DRAINAGE SYSTEMS.
- 4. THE CONTRACTOR SHALL UNDERTAKE ALL WORK TO LIMIT AIRBORNE SEDIMENTS, ONLY CLEAN, POTABLE WATER MAY BE USED TO CONTROL DUST.
- LANDSCAPING: 1. LANDSCAPING SHALL OCCUR AS SOON AS POSSIBLE TO PROVIDE PERMANENT STABILIZATION

METHODS SHALL BE PROVIDED.

- OF DISTURBED SURFACES. 2. CONTRACTOR SHALL UTILIZE A VARIETY OF SLOPE STABILIZATION METHODS AND MATERIALS
- MIRAFI MIRAMAT (OR SIMILAR PRODUCTS) SHALL BE AVAILABLE ON SITE. 3. IF THE SEASON OR ADVERSE WEATHER CONDITIONS DO NOT ALLOW THE ESTABLISHMENT OF VEGETATION, TEMPORARY MULCHING WITH HAY, TACKIFIED WOOD CHIPS OR OTHER

WHICH SHALL BE ADJUSTED TO THE SITE CONDITIONS. EROSION CONTROL BLANKETS OR

- 4. ALL DISTURBED SURFACES TO BE PLANTED SHALL RECEIVE A MINIMUM OF 6" TOPSOIL SHALL BE PLACED AND ITS SURFACE SMOOTHED TO THE SPECIFIED GRADES.
- 5. ALL SLOPES OF 2.5:1 OR GREATER SHALL BE STABILIZED WITH EROSION CONTROL FABRIC.
- 6. TO ENSURE A DENSE, SUCCESSION GROWTH, SEED IS REQUIRED ON ALL DISTURBED SURFACES.



6/6/24

- MOUND STONE 6" ABOVE GRADE 22' WIDE X 20' DEEP APPROX EDGE OF - PROPOSED DRIVEWAY **PREPARED BY:** EXISTING CURB - COMPACTED - MIN. 3" CRUSHED SUBGRADE STONE AT ENDS LENGTH OF APRON — 1−1/2" TO 3" TO EXTEND FROM EXISTING PAVEMENT CRUSHED 20 FEET INTO WORK AREA, OR AS REQUIRED TO PREVENT TRACKING OF MUD ONTO GROSVENOR STREET

CONSTRUCTION ENTRANCE APRON

LEGEND: EXISTING PROPERTY LINE — — — — EXISTING EASEMENT LINE - —450 — EXISTING CONTOUR - HIGH PROPOSED CONTOUR - LOW EXISTING EDGE PAVEMENT EXISTING CURB PROPOSED EDGE OF PAVEMENT PROPOSED CURB EXISTING DRAIN LINE -D------ PROPOSED DRAIN LINE —W— EXISTING WATER LINE EXISTING SEWER LINE — \$ — PROPOSED SEWER LINE — · — G — · — EXISTING GAS LINE — — — E— — EXISTING UNDERGROUND ELECTRIC ---- EXISTING UNDERGROUND CABLE TV PROPOSED EROSION CONTROL

GRAPHIC SCALE (IN FEET) 1 inch = 20 ft.DATE REVISION

> DEFINITIVE SITE PLAN 39 LAMARTINE STREET

WORCESTER, MASSACHUSETTS 01610

PREPARED FOR:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

PROPERTY OWNER:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

J.M. GRENIER ASSOCIATES INC. 118 TURNPIKE ROAD SUITE 200 SOUTHBOROUGH, MASSACHUSETTS 01772 jmgrenier@townisp.com

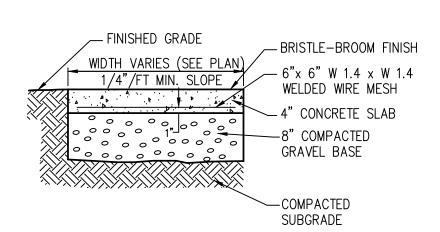
TELE NO.: (508) 845-2500 SCALE: 1" = 20'

JUNE 6, 2024

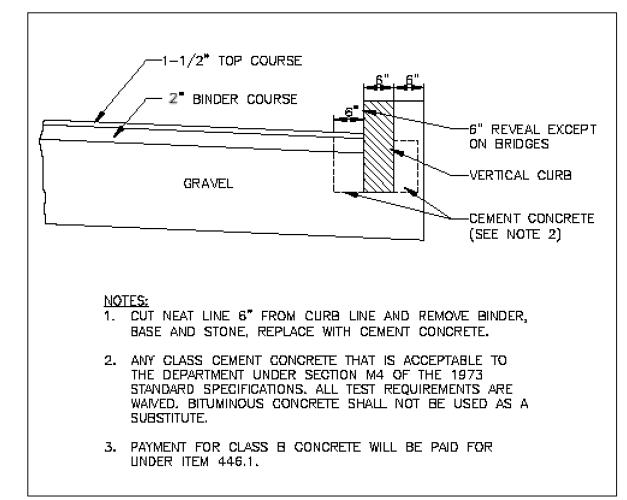
EROSION & SEDIMENTATION CONTROL PLAN

SHEET NO.: PROJECT NO.: SHEET 6 OF 8

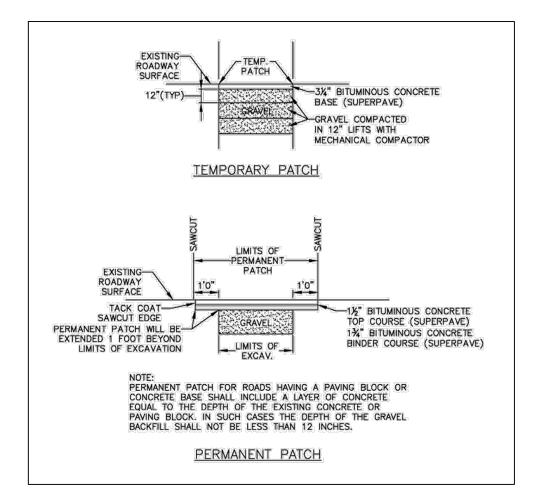
G - 647



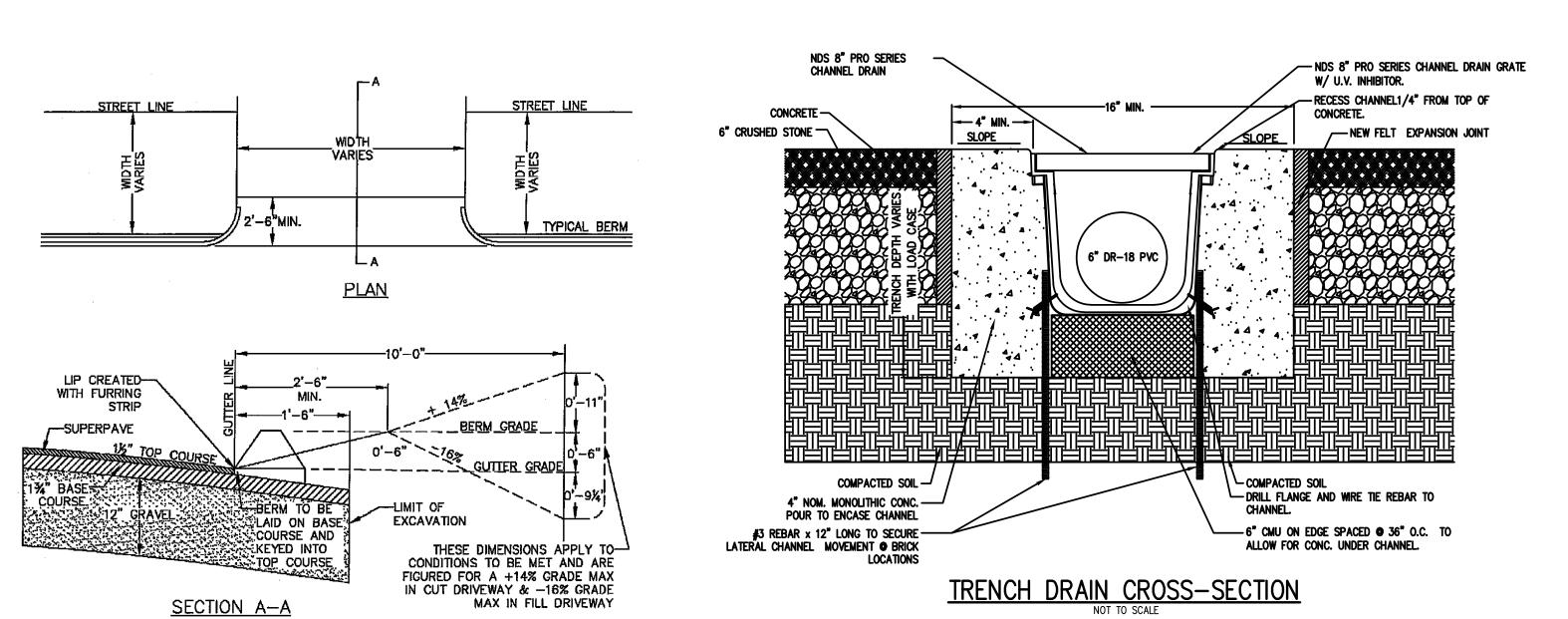
CEMENT CONCRETE PAVEMENT/WALK



VERTICAL GRANITE CURB

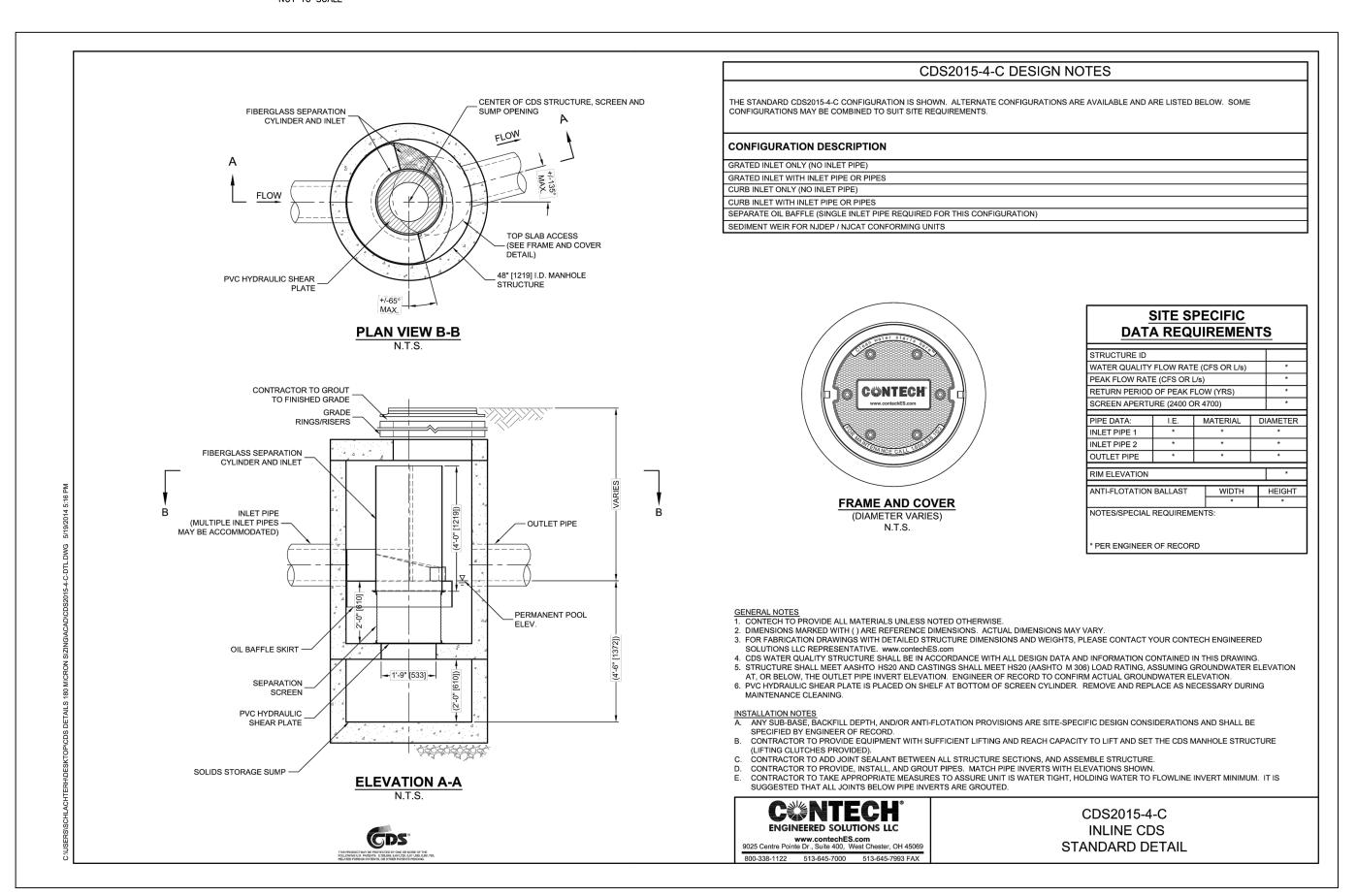


PAVEMENT REPAIR NOT TO SCALE



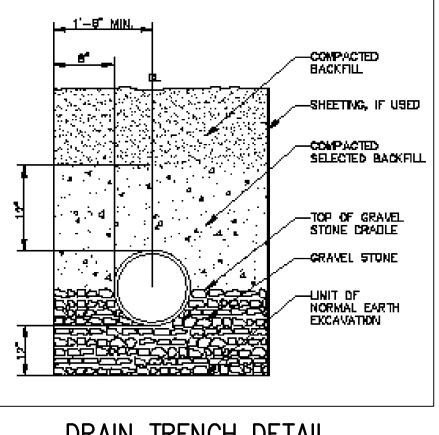
DRIVEWAY DETAIL

NOT TO SCALE



CDS UNIT DETAIL

NOT TO SCALE



DRAIN TRENCH DETAIL

REV. NO.	DATE	REVISION

7777.6

DEFINITIVE SITE PLAN
FOR
39 LAMARTINE STREET
WORCESTER, MASSACHUSETTS 01610

PREPARED FOR:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

PROPERTY OWNER:

POLAR VIEWS, LLC
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TELE NO.: (508) 845–2500 jmgrenier@townisp.com

SCALE:

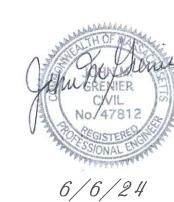
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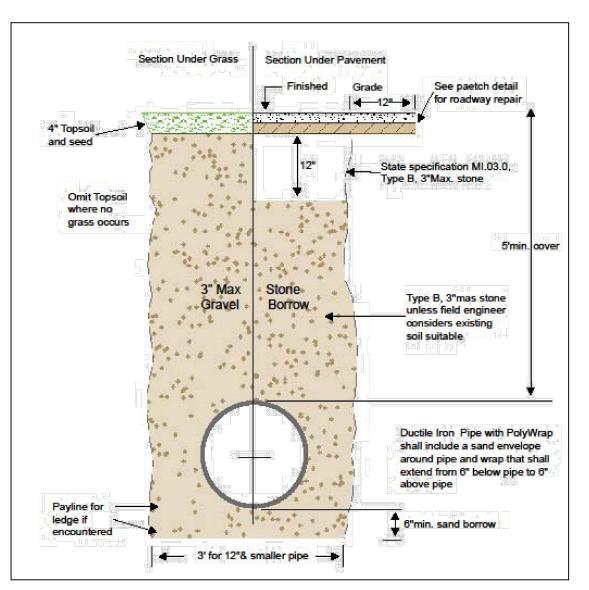
AS SHOWN JUNE 6, 2024

DETAIL PLAN 1/2

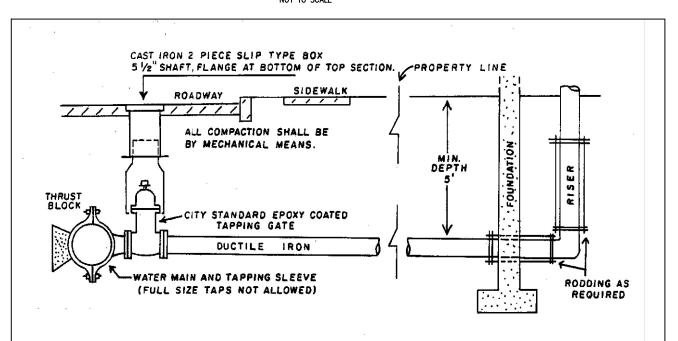
G-647

SHEET NO.: PROJECT NO.: G-





TYPICAL WATER TRENCH SECTION

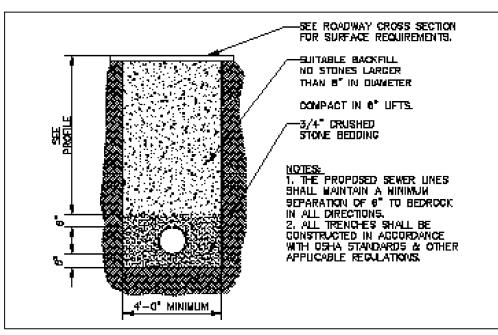


GENERAL NOTES

- Tapping sleeve shall be cast or ductile iron mechanical joint type. Tapping gate to be City Standard Epoxy Coated. The operating nut shall be 2 inches square and shall open right.
- If excavated material is not suitable for backfilling, then the Contractor shall backfill with Grave Borrow. Material used for backfilling shall contain no stones larger than 3 inches in its greatest
- Before any excavation is done, a Street Opening Permit shall be obtained from the Public Works office at 20 East Worcester Street. All paving shall conform to City of Worcester D.P.W. standards.
- Main line valves are to be operated by the City only. Costs incurred in shutting down mains due to the negligence of the Contractor as determined by the Field Inspector shall be paid by the Contractor. All tapping sleeves and tapping valve assemblies shall be hydrostatically pressure tested prior to tapping. The test shall be at 1-1/2 times the working pressure of the existing main or a minimum of 150 psi and shall be maintained for two hours, or as directed by the Field Engineer.
- Upon installation of the gate box, the Contractor shall operate the tapping gate to the satisfaction of the Field Inspector prior to acceptance of the job.

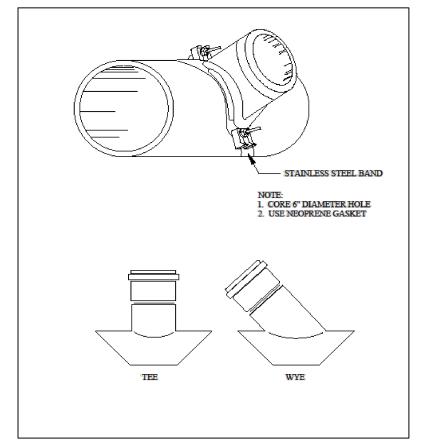
WATER SERVICE DETAIL

NOT TO SCALE

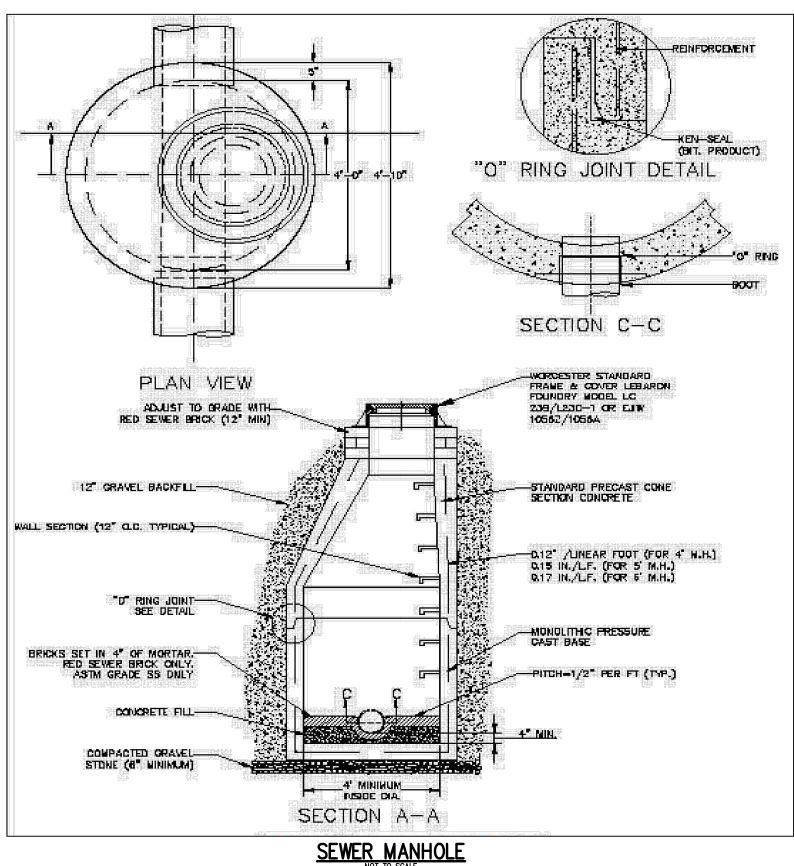


SEWER TRENCH DETAIL

NOT TO SCALE

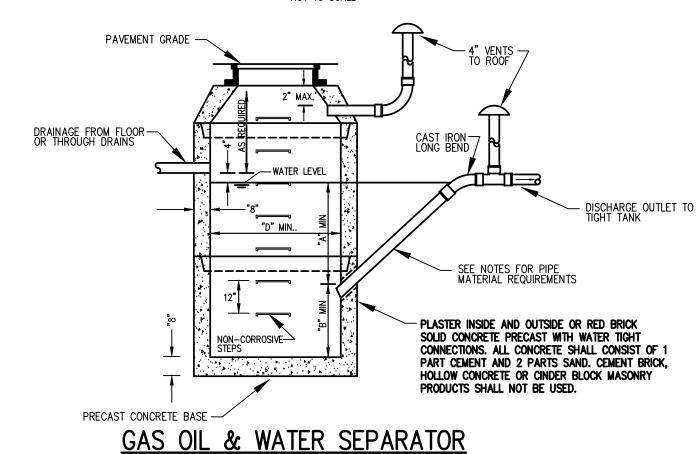


SEWER TEE & WYE CONNECTION



- NDS 8" PRO SERIES CHANNEL DRAIN GRATE W/ U.V. INHIBITOR. - RECESS CHANNEL1/4" FROM TOP OF CONCRETE. 6" CRUSHED STONE — --- NEW FELT EXPANSION JOINT COMPACTED SOIL -COMPACTED SOIL - DRILL FLANGE AND WIRE TIE REBAR TO 4" NOM. MONOLITHIC CONC. -POUR TO ENCASE CHANNEL #3 REBAR x 12" LONG TO SECURE -LATERAL CHANNEL MOVEMENT • BRICK -6" CMU ON EDGE SPACED ● 36" O.C. TO ALLOW FOR CONC. UNDER CHANNEL.





PIPE MATERIAL NOTES:

- 1. NO-HUB CAST IRON WITH PRODUCT-APPROVED STAINLESS STEEL CLAMPS.
- 2. SERVICE WEIGHT CAST IRON WITH PRODUCT-APPROVED RESILIENT GASKETS OR LEAD AND OAKUM JOINTS.
- 3. EXTRA HEAVY CAST IRON WITH PRODUCT APPROVED RESILIENT GASKETS OR LEAD AND OAKUM JOINTS.

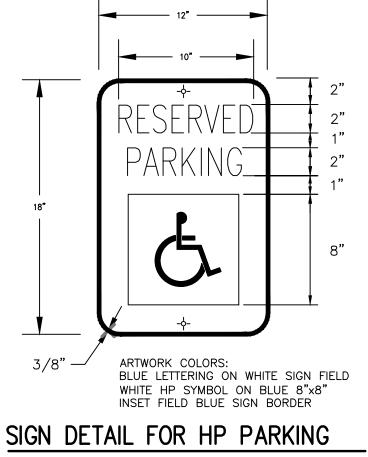
GENERAL CONSTRUCTION NOTES:

- 1. THE SEPARATOR IS TO BE LOCATED OUTSIDE OF A BUILDING WHERE POSSIBLE AND THE COVER TO INCORPORATE A CENTER HOLE. A SEALED TIGHT COVER IS TO BE USED IF THE SEPARATOR IS LOCATED INSIDE OF A BUILDING. THE COVER SHALL BE NO LESS THAT A 24" DIAMETER. THE SEPARATOR SHALL BE LOCATED AND CONSTRUCTED TO PREVENT SURFACE OR SUB-SURFACE WATER FROM ENTERING. THE INLET PIPE SHALL BE NO LESS THAN FOUR INCHES ABOVE THE WATER LINE LEVEL. WHEN THE SEPARATOR IS SUBJECT TO FREEZING IT SHALL BE SET A MINIMUM OF THREE FEET BELOW GRADE. THE NON-CORROSIVE STEPS SHALL BE PLACED AT 18" APART. THE CHAMBER VENT AND OUTLET VENT SHALL RETURN TO THE INSIDE OF THE BUILDING AND EXTEND THROUGH THE ROOF.
- 2. IN OPEN PARKING GARAGES OR OPEN PARKING AREAS ONLY THE INLET PIPE MAY EXTEND BELOW THE WATER LINE A MAXIMUM DISTANCE OF 6".
- 3. CIRCULAR BASINS ARE RECOMMENDED.

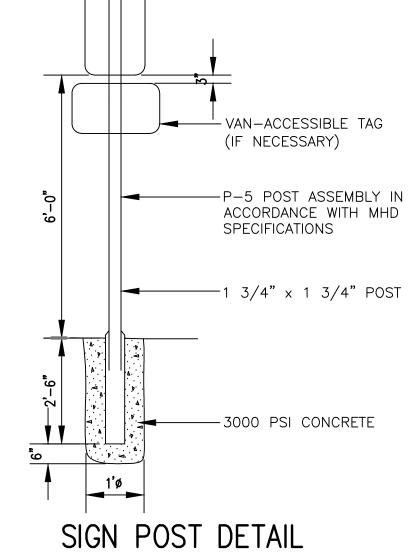


INLET	D	Α	В				
4"	3'-6"	3'-0"	2-6"				
5 "	3'-6"	5'-0"	4'-0"				
	3'-6"×3'-6"	4'-0"	3'-0"				
	4'-0"	3'-6"	3'-0"				
	3'-6"×3'-6"	3'-0"	2'-6"				
	4'-6"	3'-0"	2'-6"				
6"	4'-0"	5'-0"	4'-6"				
	4'-0"x4'-0"	4'-0"	3'-6"				
	4'-6"	4'-0"	3'-6"				
	4'-6"x4'-6"	3'-6"	3'-0"				
	5'-0"	3'-6"	3'-0"				
	5'-0"x5'-0"	3'-0"	2'-6"				
8"	5'-0"	6'-0"	5'-0"				
	5'-6"x5'-6"	4'-6"	4'-0"				
	6'-0"	4'-0"	3'-6"				
	6'-0"x6'-0"	3'-0"	2'-6"				
	6'-6"	3'-6"	3'-0"				
	6'-6"x6'-6"	3'-0"	2'-6"				

DRAINAGE FROM FLOOR OR THROUGH DRAINS



VAN-ACCESSIBLE SIGN



TOP OF SHEET ALUMINUM

FLUSH WITH END OF POST.

DATE REVISION

DEFINITIVE SITE PLAN 39 LAMARTINE STREET WORCESTER, MASSACHUSETTS 01610

PREPARED FOR:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

PROPERTY OWNER:

POLAR VIEWS, LLC 89 WEST MAIN STREET UNIT 101 NORTHBOROUGH, MASSACHUSETTS 01532

PREPARED BY:

J.M. GRENIER ASSOCIATES INC. 118 TURNPIKE ROAD SUITE 200 SOUTHBOROUGH, MASSACHUSETTS 01772

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