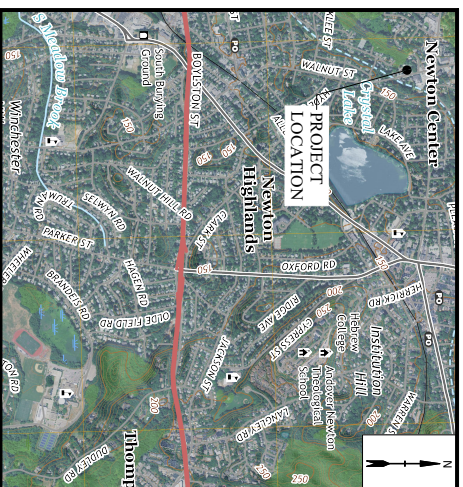


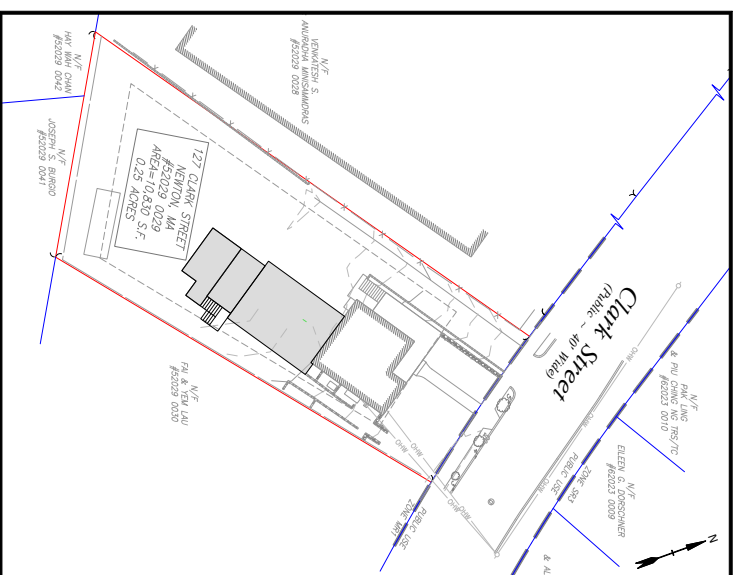
127 CLARK STREET RESIDENCE NEWTON, MASSACHUSETTS

JULY 2021

DRAWING INDEX	
SHEET NO.	DRAWING TITLE
1	COVER SHEET
2	LEGEND & GENERAL NOTES
3	EXISTING CONDITIONS & DEMOLITION PLAN
4	PROPOSED DEVELOPMENT & GRADING PLAN
5	STORM/WATER MANAGEMENT & EROSION CONTROL PLAN
6	SITE DETAILS



LOCATION MAP
1"=1,000'



SITE MAP
1"=20'



Munden Engineering

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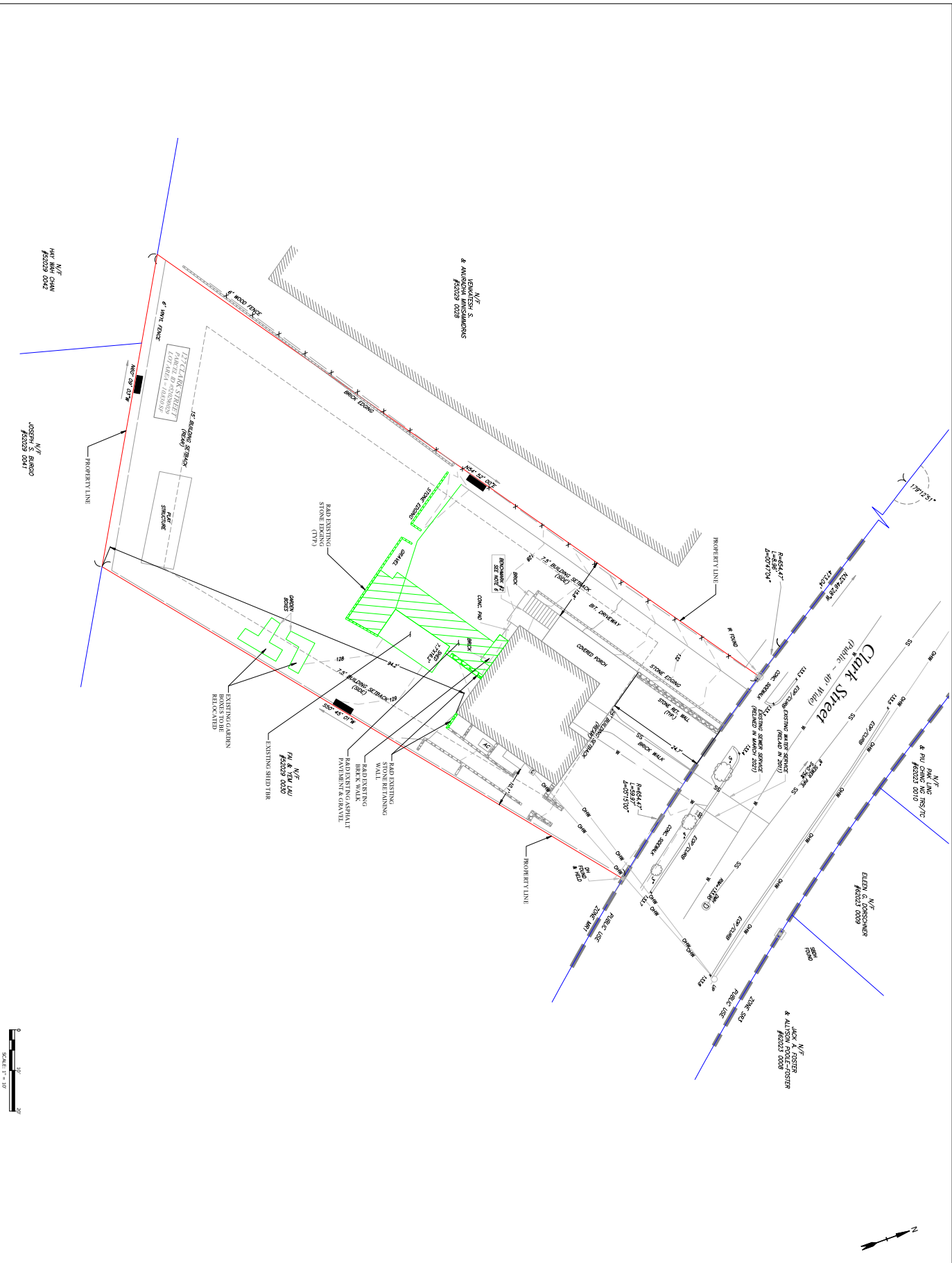
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Prepared For:

Rev. No.	Rev. Date	Description

Date: 07/29/2021
 Drawn by: JLV
 Approved by: GM

EXISTING CONDITIONS & DEMOLITION PLAN
 SCALE: 1" = 10'
 SHEET 3 OF 6

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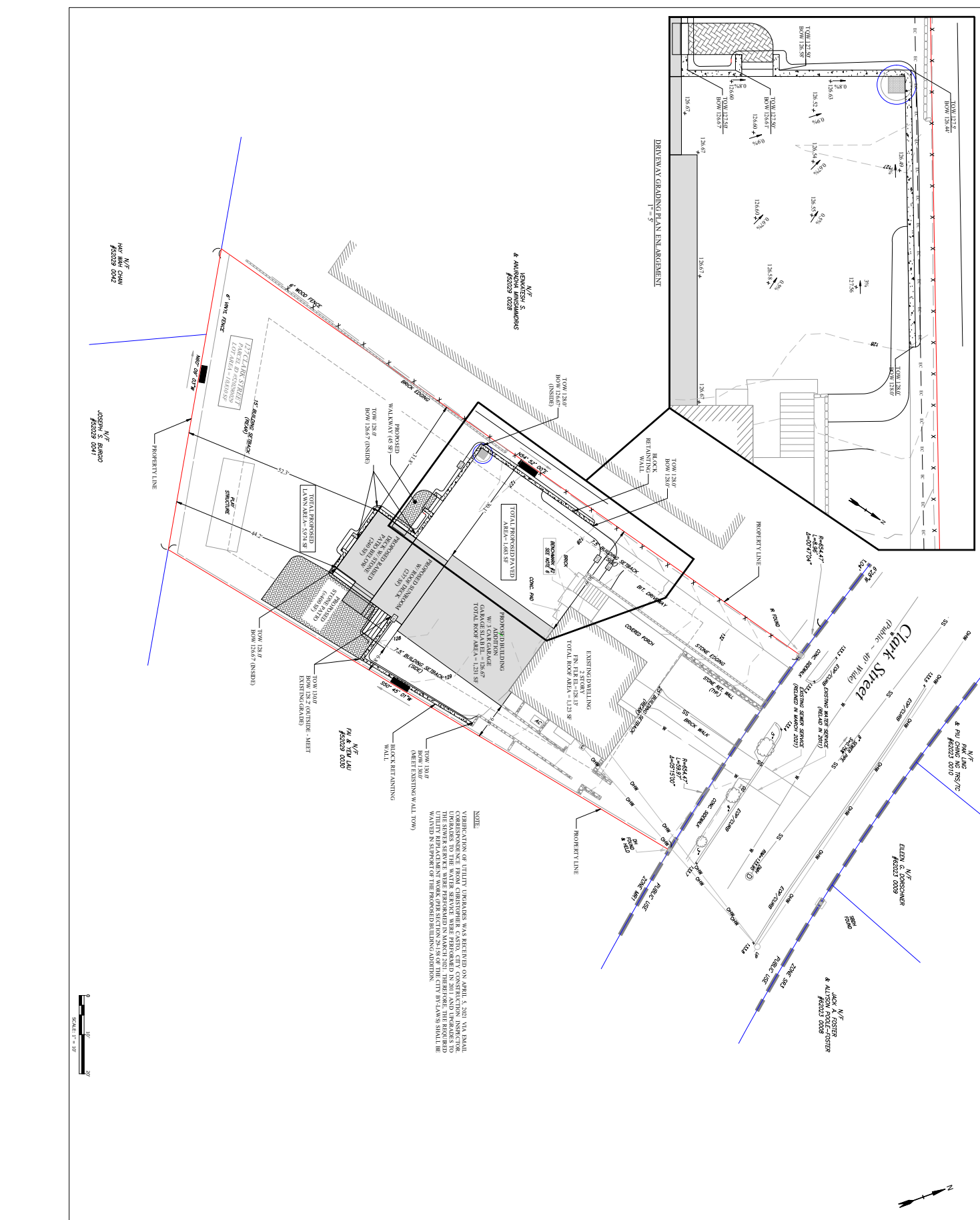
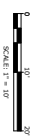
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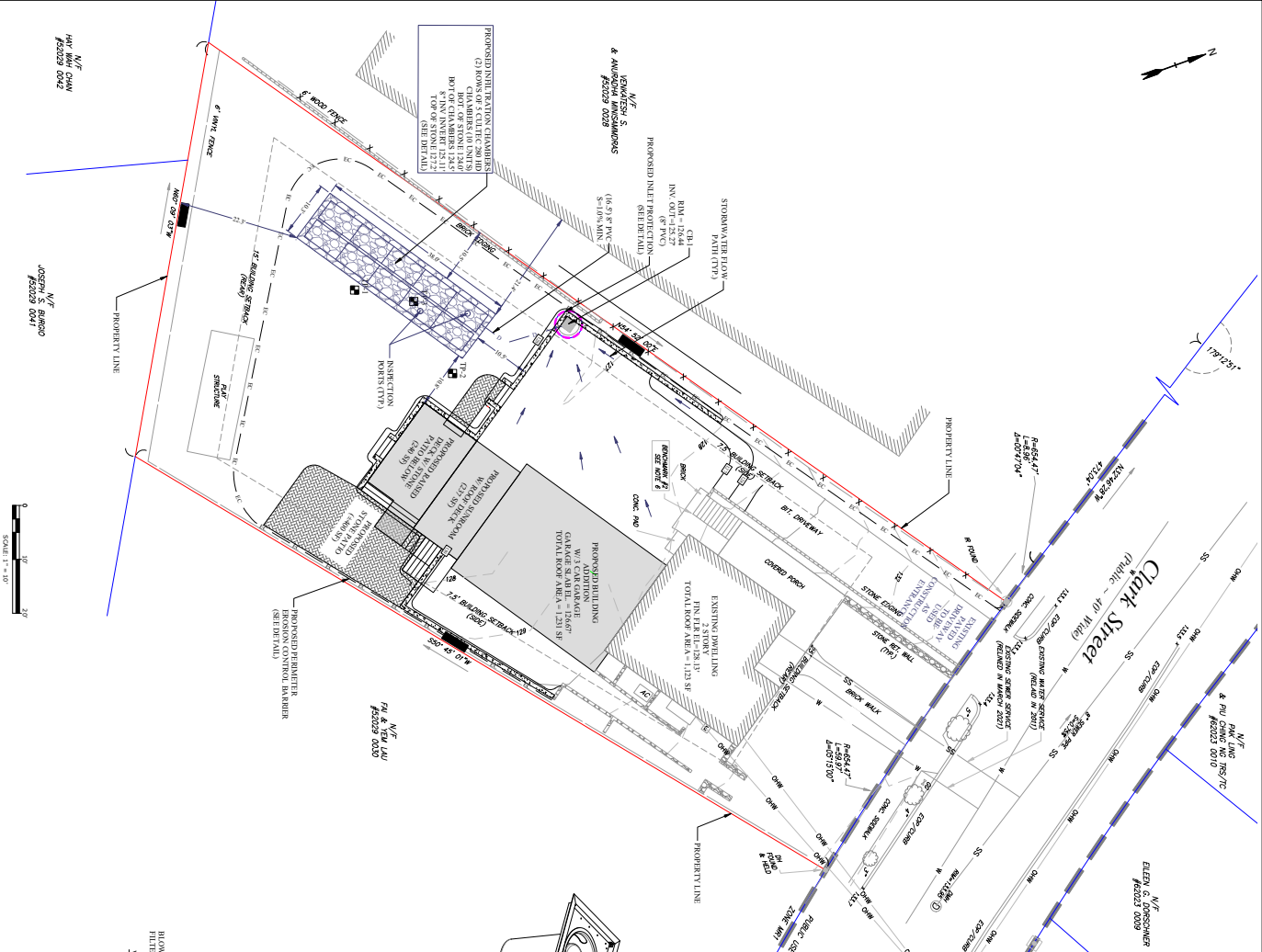
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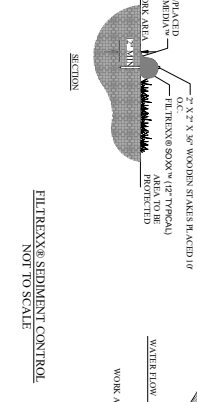
PROPOSED DEVELOPMENT
& GRADING PLAN
SCALE: 1" = 10'



NOTE:
VERIFICATION OF UTILITY DEPTH, USE, AND LOCATION ON APRIL 5, 2021 VIA MANHOLE INSPECTION AND GROUND PENETRATING RADAR (GPR) WAS PERFORMED BY THE CITY CONSTRUCTION INSPECTOR TO THE WATER SERVICE WORK PERFORMED IN 2011 AND REVEALED TO BE APPROXIMATELY 12" DEEP. THE CITY CONSTRUCTION INSPECTOR HAS ADVISED THAT THE UTILITY REPAIR WORK (PER SECTIONS 25.158 OF THE CITY BYLAW) SHALL BE COMPLETED IN SUPPORT OF THE PROPOSED BUILDING ADDITION.

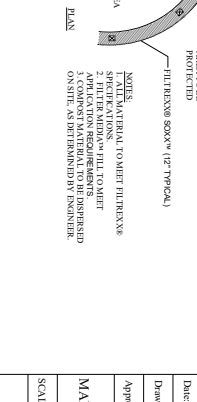


- ### CONSTRUCTION SEQUENCE
- IMPASMENTS TO THE OTHER LISTED ITEMS CANNOT OCCUR CONCURRENTLY UNLESS SPECIFICALLY NOTED.
- NO CONSTRUCTION CAN BEGIN UNTIL ANY AND ALL PERMITS ARE OBTAINED FROM THE CITY OF NEWTON.
 - STAKEOUTS OF CLEARING.
 - INSTALL EROSION CONTROL BARRIERS AT LIMIT OF WORK AS DIRECTED.
 - SCHEDULE PERMITTER CONTROL INSPECTION BY CONTACTING THE CITY OF NEWTON.
 - PERFORM CLEARING AND/OR BUILDING AS SPECIFIED.
 - PERFORM DEMOLITION OF EXISTING STRUCTURES ON THE SITE.
 - STUMP AND STOCKPILE LOCAL.
 - PERFORM EARTHWORK CUT AND FILL FOR GRADED GARAGE.
 - INSTALL CONCRETE FOUNDATION FOR THE PROPOSED BUILDING.
 - CONSTRUCT RETAINING WALL STRUCTURES.
 - CONSTRUCT DEEPS STRUCTURE INCLUDING ROOFS AND SIDING.
 - INSTALLATION OF UTILITIES.
 - INSTALL REMAINING EROSION CONTROL SYSTEMS INLET PROTECTION.
 - PERFORM FINE GRADING AND REPAIR SLOPES FOR PAVING.
 - PERMANENTINAL STABILIZATION.
 - REMOVEMENT APPROPRIATE CONTROL EXCEPT PERMITTER CONTROL.
 - PERFORM AS-BUILT SURVEYS AND SUBMIT TO CITY OF NEWTON FOR ACCEPTANCE.
 - REMOVES STAKED EROSION CONTROL BARRIERS AFTER VEGETATION IS ESTABLISHED.



- NOTES:
- REMOVE GRATE AND CAP TO INSTALL OR WORK AREA.
 - DIRBS AND SOIL REMOVED TO CLEAR WORK AREA.

FILTREXX® CATCH BASIN INLET PROTECTION
NOT TO SCALE



- NOTES:
- FILTREXX® MATRIAL TOWHET FILTREXX® AREA TO BE PROTECTED.
 - FILTREXX® SHALL TO MEET APPLICATION REQUIREMENTS.
 - FILTREXX® SHALL TO MEET ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX® SEDIMENT CONTROL
NOT TO SCALE

STORMWATER DESIGN NOTES

Established conditions:
 1. Stormwater design based on 1.25 in/hr
 2. Design velocity: 1.50 ft/s
 3. Design slope: 0.01 ft/ft
 4. Design depth: 1.50 ft
 5. Design width: 2.00 ft
 6. Design flow: 1.00 cfs
 7. Design time of concentration: 1.00 hr
 8. Design peak discharge: 1.00 cfs
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- ### GENERAL EROSION AND SEDIMENT CONTROL NOTES:
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO COMMENCEMENT OF LAND DISTURBANCE ACTIVITIES.
 - THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL SEDIMENT CONTROL MEASURES NECESSARY TO PREVENT EROSION AND DISTURBANCE DEVELOPMENT FROM STABILIZATION IS ACHIEVED.
 - ALL DISTURBANCE TO REMAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBANCE ACTIVITIES AND THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES DAILY TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL MEASURES SHALL BE MADE IMMEDIATELY.
 - THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT SUPPLY OF NECESSARY MATERIALS FOR EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE PROJECT.
 - THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT SUPPLY OF NECESSARY MATERIALS FOR EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE PROJECT.

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Scale: 1" = 10'

SHEET 5 OF 6

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Prepared For:

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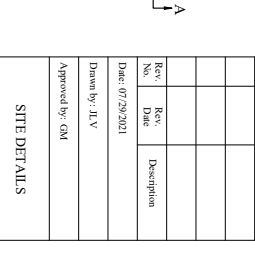
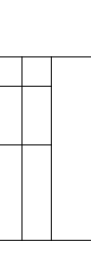
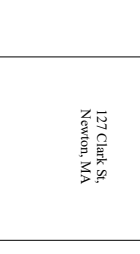
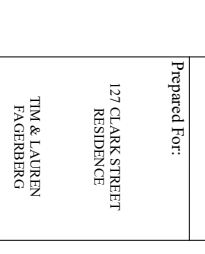
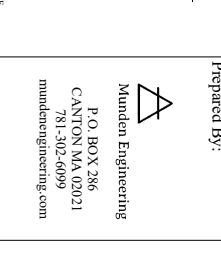
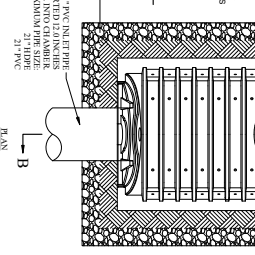
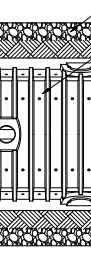
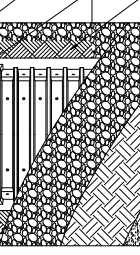
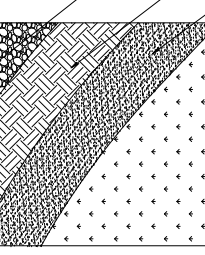
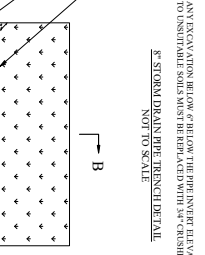
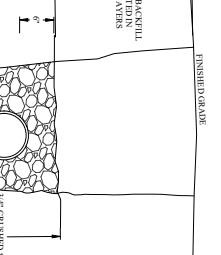
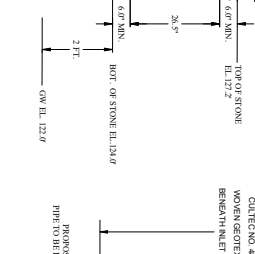
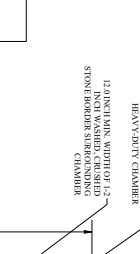
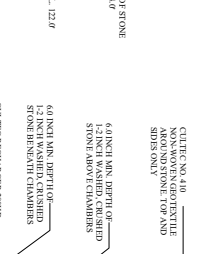
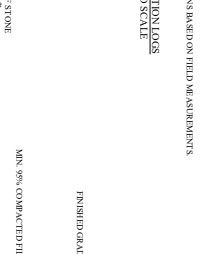
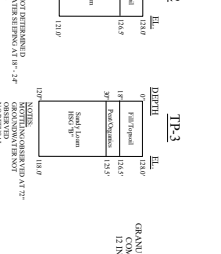
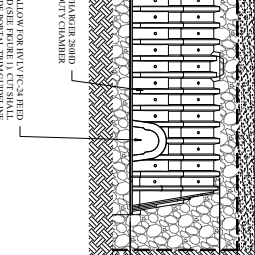
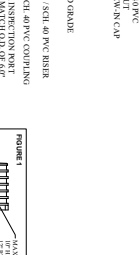
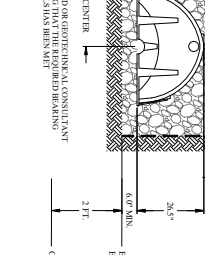
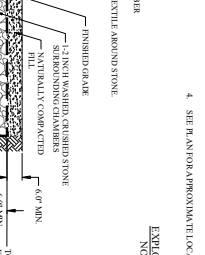
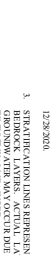
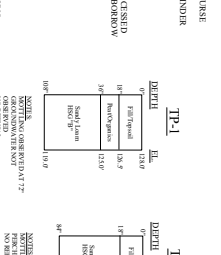
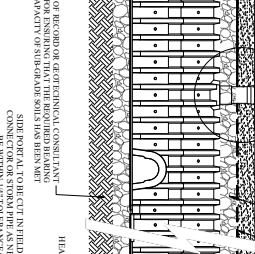
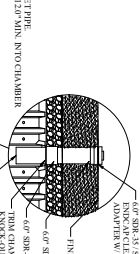
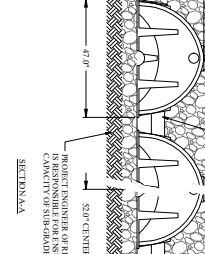
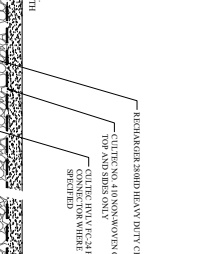
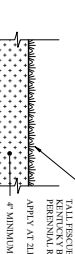
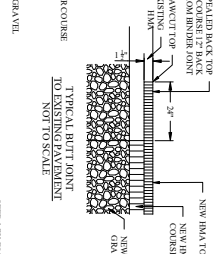
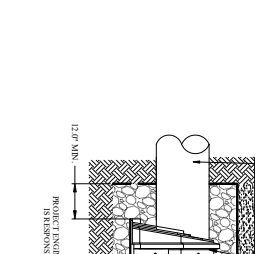
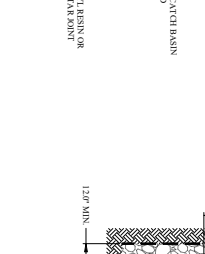
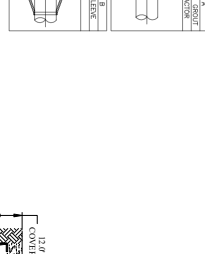
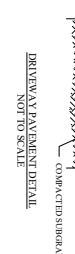
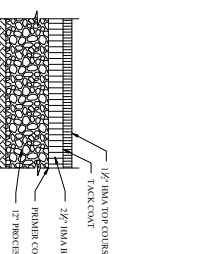
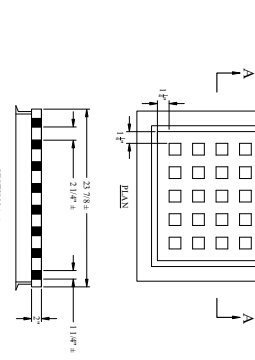
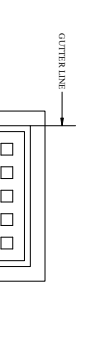
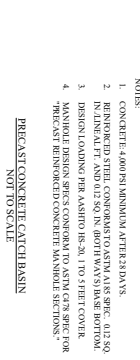
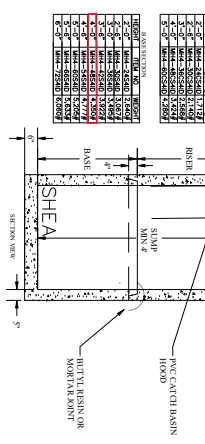
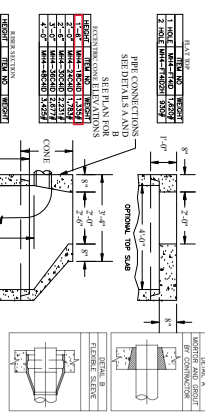
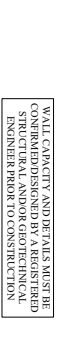
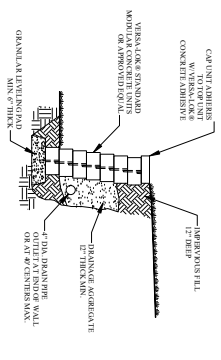
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Rev. No.	Rev. Date	Description

Date: 07/29/2021
 Drawn by: JLV
 Approved by: GMI

SCALE: NO SCALE
 SHEET 6 OF 6



SCALE: NO SCALE
 SHEET 6 OF 6