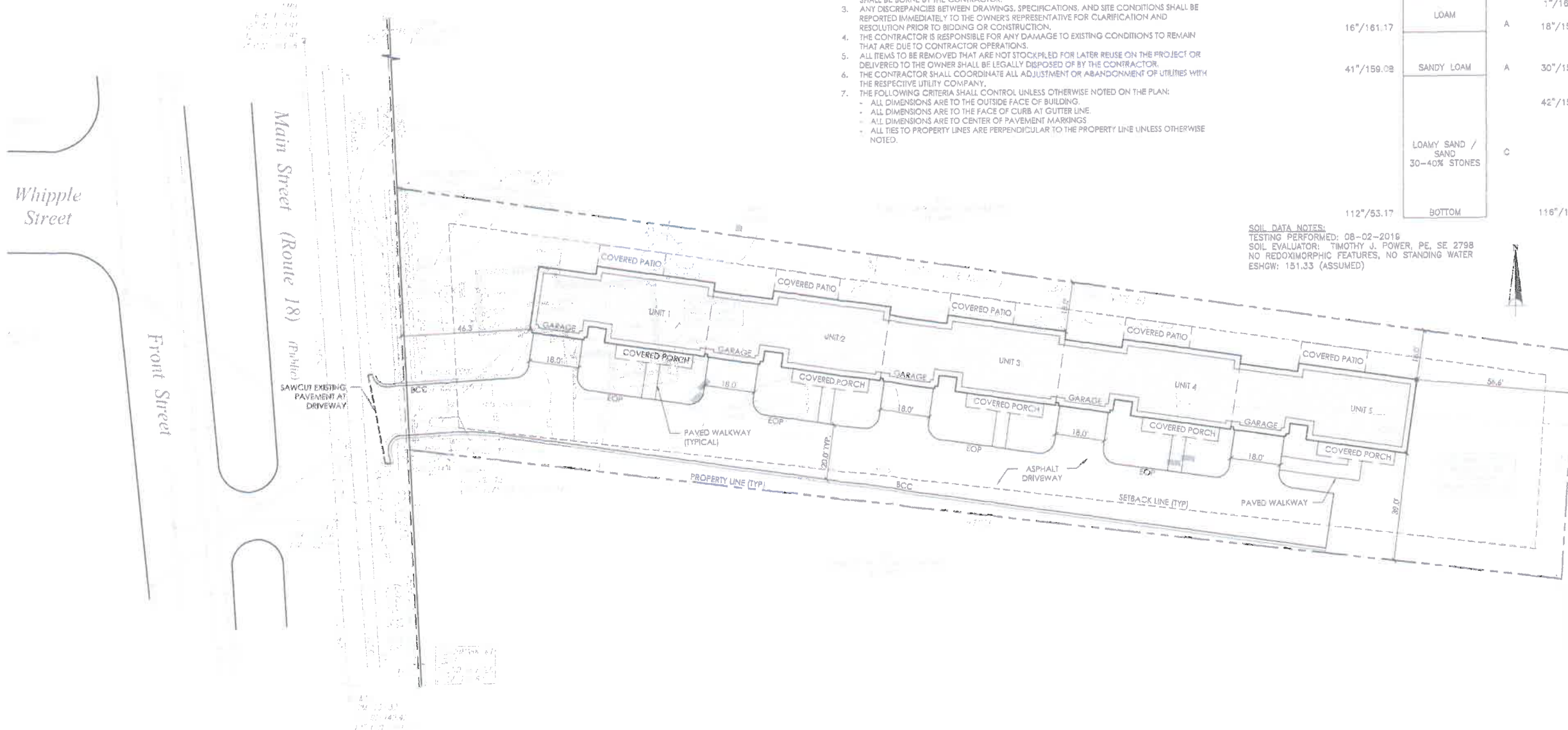


|                        | REQUIRED    | PROPOSED  | NOTES                              |
|------------------------|-------------|-----------|------------------------------------|
| LOT AREA:              | 30,000 SF.  | 37,353 SF | 10 KSF + 8KSF PER<br>ADD. UNIT     |
| BUILDING GSF           |             | 8,200 SF  |                                    |
| LOT COVERAGE:          | 30% MAX     | 21.8%     |                                    |
| LANDSCAPE<br>SETBACKS: | 25% MIN     | 89.8%     | 26,210 SF                          |
| FRONT:                 | 18'         | 48.3'     |                                    |
| SIDE:                  | 10'         | 18'       |                                    |
| REAR:                  | 10'         | 56.5'     |                                    |
| FRONTAGE:              | 75'         | 95%       |                                    |
| PARKING:               |             |           |                                    |
| RESIDENTIAL:           | 2/UNIT (10) | 20        | 2 GARAGE,<br>2 SURFACE<br>PER UNIT |

| DEPTH/ELEV   | TEST PIT /<br>SOIL TYPE               | HORIZ. | DEPTH/ELEV    | TEST PIT /<br>SOIL TYPE               | HORIZ. |
|--------------|---------------------------------------|--------|---------------|---------------------------------------|--------|
| EG/162.50    | TP-1                                  |        | EG/161.0      | TP-2                                  |        |
|              | LOAM                                  |        | 1" / 160.92   | STONE                                 |        |
| 16" / 161.17 |                                       | A      | 18" / 159.50  | LOAM                                  | A      |
|              |                                       |        |               |                                       |        |
| 41" / 159.08 | SANDY LOAM                            | A      | 30" / 158.50  | SANDY LOAM                            | B      |
|              |                                       |        |               |                                       |        |
|              |                                       |        | 42" / 157.50  | LOAMY SAND<br>50% STONES              | C1     |
|              |                                       |        |               |                                       |        |
|              | LOAMY SAND /<br>SAND<br>30-40% STONES | C      |               | LOAMY SAND /<br>SAND<br>30-40% STONES | C2     |
|              |                                       |        |               |                                       |        |
| 112" / 53.17 | BOTTOM                                |        | 116" / 151.33 | BOTTOM                                |        |

SOIL DATA NOTES:  
TESTING PERFORMED: 08-02-2016  
SOIL EVALUATOR: TIMOTHY J. POWER, PE, SE 2798  
NO REDOXIMORPHIC FEATURES, NO STANDING WATER  
ESHGW: 151.33 (ASSUMED)

1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY AS ELLIOT AND ASSOCIATES, INC. DATED 08.01.2019. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED.
2. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE BASED ON THE SURVEY REFERENCE AND ARE NOT TO BE SUPPLEMENTED WITH RECORD PLAN DATA. PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
3. ANY DISCREPANCY BETWEEN DRAWINGS, SPECIFICATIONS, AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO CONTRACTOR OPERATIONS.
5. ALL ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR REUSED ON THE PROJECT SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
7. THE FOLLOWING CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN:
  - ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING.
  - ALL DIMENSIONS ARE TO THE FACE OF CURB OR SIDEWALK.
  - ALL DIMENSIONS ARE TO CENTER OF PAVEMENT MARKINGS
  - ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.



SUBJECT: **MULTIFAMILY DEVELOPMENT**  
650 MAIN STREET, WEYMOUTH, MA

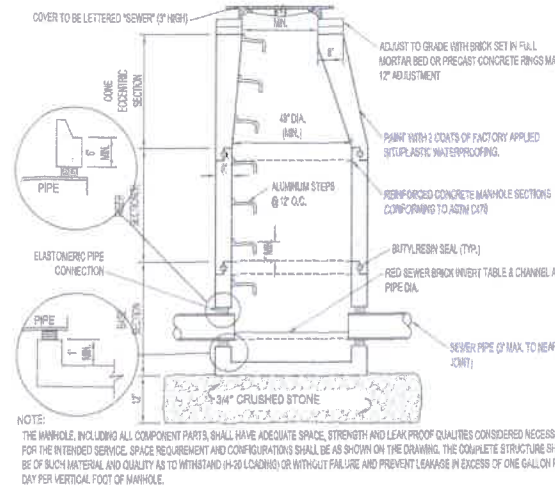
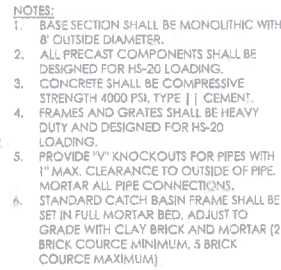
AGENT / APPLICANT:  
AHERN CONTRACTING 190  
WILLARD ST, QUINCY, MA

ISSUED FOR PERMIT  
AUGUST 13, 2019

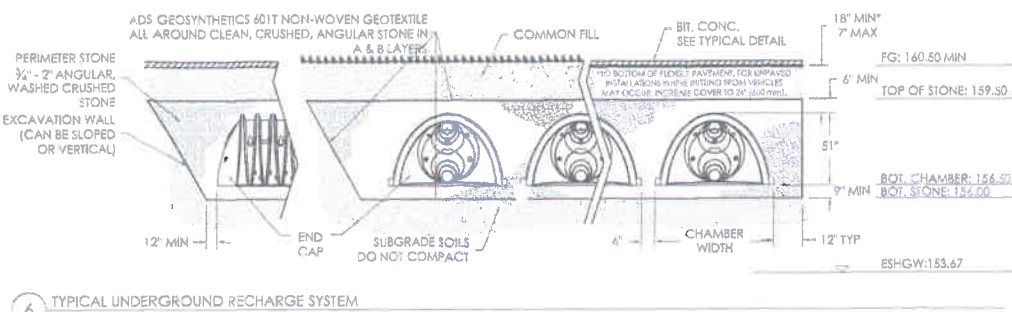
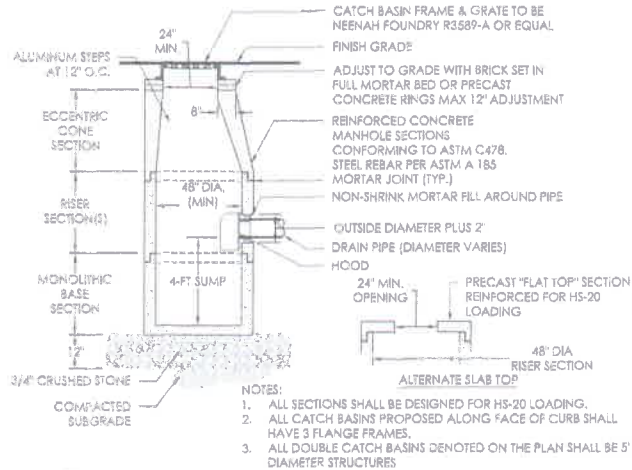
## LAYOUT AND MATERIALS PLAN

|          |                |
|----------|----------------|
| SCALE:   | AS NOTED       |
| JOB NO:  | 015-007        |
| FILE:    | 015-007-LM.dwg |
| DRAWN:   | TJP            |
| CHECKED: | TJP            |

C101



1. CONTRACTOR TO ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE [CLEAN-OUTS, UTILITY MAN-HOLES, CATCH BASINS, INLETS, ETC.] THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
3. ALL SEWER PIPES SHALL BE PVC PER ASTM D3034, SDR-35 AND ASTM D1784 WITH RUBBER GASKET JOINTS. REFER TO ARCHITECTURAL PLANS FOR PROPOSED LOCATION OF UTILITY SERVICE STUBS AT BUILDING.
4. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRICAL). FINAL DESIGN AND LOCATIONS AT THE BUILDING WILL BE PROVIDED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.
5. ALL CEMENT LINED DUCTILE IRON JOINTS AT FITTINGS [CLASS 52] VALVES, AND HYDRANT LATERALS SHALL BE MECHANICAL JOINT WITH NEOPRENE GASKETS. JOINTS AT OTHER LOCATIONS SHALL BE PUSH-ON TYPE WITH NEOPRENE OR SYNTHETIC RUBBER GASKETS. ALL WATER GATES SHALL OPEN AS PER CITY REQUIREMENTS. ALL PIPE 3" OR SMALLER SHALL BE TYPE K COPPER TUBING.
6. ALL WATER LINES SHALL HAVE A MINIMUM OF 5.0 FEET OF GROUND COVER AND A MINIMUM OF 10 FOOT SEPARATION FROM THE SEWER SYSTEM.
7. AT WATER AND SEWER CROSSINGS, THE WATER LINE SHALL BE ENCASED IN SIX INCHES OF CONCRETE FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF THE CROSSING.
8. CONTRACTOR SHALL PROVIDE ALL FITTINGS, BENDS, RESTRAINTS, THROST BLOCKS, AND OTHER APPURTENANCES NECESSARY FOR INSTALLATION OF WATER SERVICE WHETHER SPECIFICALLY NOTED OR NOT.
9. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK, PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
10. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES AND PLANTING BEDS.
11. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.



The diagram illustrates a sewer line layout with various features and their corresponding labels. The layout is shown as a horizontal line with various symbols and text labels. The labels are as follows:

- PROPERTY SETBACK
- EXISTING BUILDING
- EXISTING WATER SERVICE
- EXISTING SEWER SERVICE
- EXISTING CONTOUR LINE
- PROPOSED BUILDING
- PROPOSED CONTOUR MAJOR LINE
- PROPOSED CONTOUR MINOR LINE
- PROPOSED DOMESTIC WATER
- PROPOSED FIRE PROTECTION
- PROPOSED SEWER
- PROPOSED DRAIN LINE
- PROPOSED ELECTRIC DISTRIBUTION
- PROPOSED GAS
- PROPOSED UNDERGROUND CHAMBERS
- PROPOSED DETENTION SYSTEM LIMITS
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED SEWER MANHOLE
- PROPOSED CLEAN OUT
- PROPOSED HYDRANT
- PROPOSED VALVE
- PROPOSED SPOT GRADE
- GRADE TO DRAIN

The diagram also includes a scale bar labeled "x 81.61" and a north arrow pointing towards the top right.

1" STORM EVALUATION

|                          |           |
|--------------------------|-----------|
| TOTAL IMPERVIOUS AREA:   | 21,756 SF |
| 1" STORM VOLUME:         | 1,813 CF  |
| STORAGE VOLUME PROVIDED: |           |
| CHAMBER SYSTEM:          | 1,343 CF  |
| LEACHING BASIN (EACH):   | 308 CF    |
| TOTAL:                   | 1,959     |
| 1,959 > 1,813 = OK       |           |

