

SITE PLAN

NOTE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. DIGSAFE IS TO BE NOTIFIED 72 WORKING HOURS IN ADVANCE OF CONSTRUCTION. DIGSAFE 1-888-344-7233

REVISIONS		
No.	DATE	DESCRIPTION
1	7/3/21	SEWER

FLD: _____
BY OTHERS: _____
DRW: _____
PC: _____
CHKD: _____
PC: _____

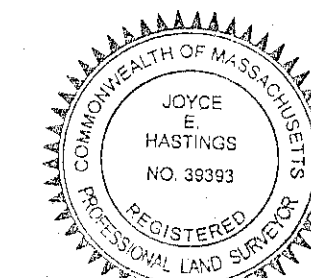
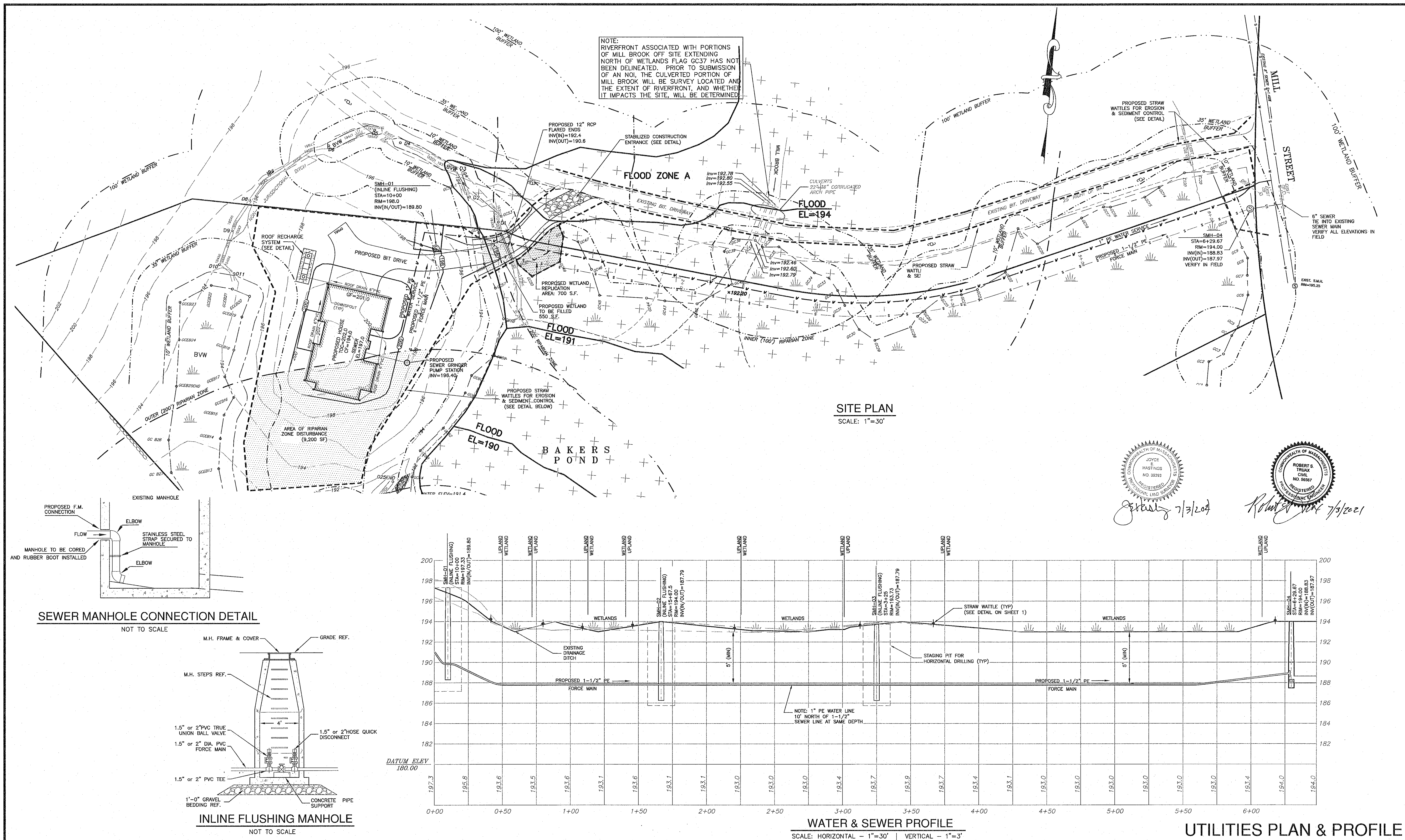
GRAPHIC SCALE

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100 F: 508-429-7160
www.GLMengineering.com

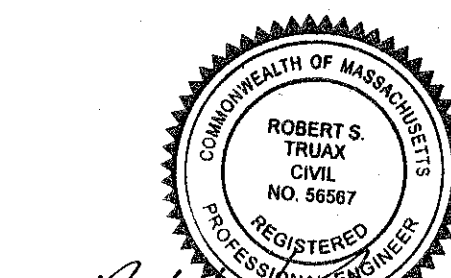
**PROPOSED SITE PLAN OF LAND
LOT 2B - MILL STREET
WESTWOOD, MASSACHUSETTS**

PREPARED FOR:
SALVATORE VINCI
65 BAY COLONY DRIVE
WESTWOOD, MA 02090

JOB No. 11,074
DATE: NOV 2, 2018
SCALE: 1"=30'
SHEET: 1 OF 3
PLAN #: 27,465



7/3/2021



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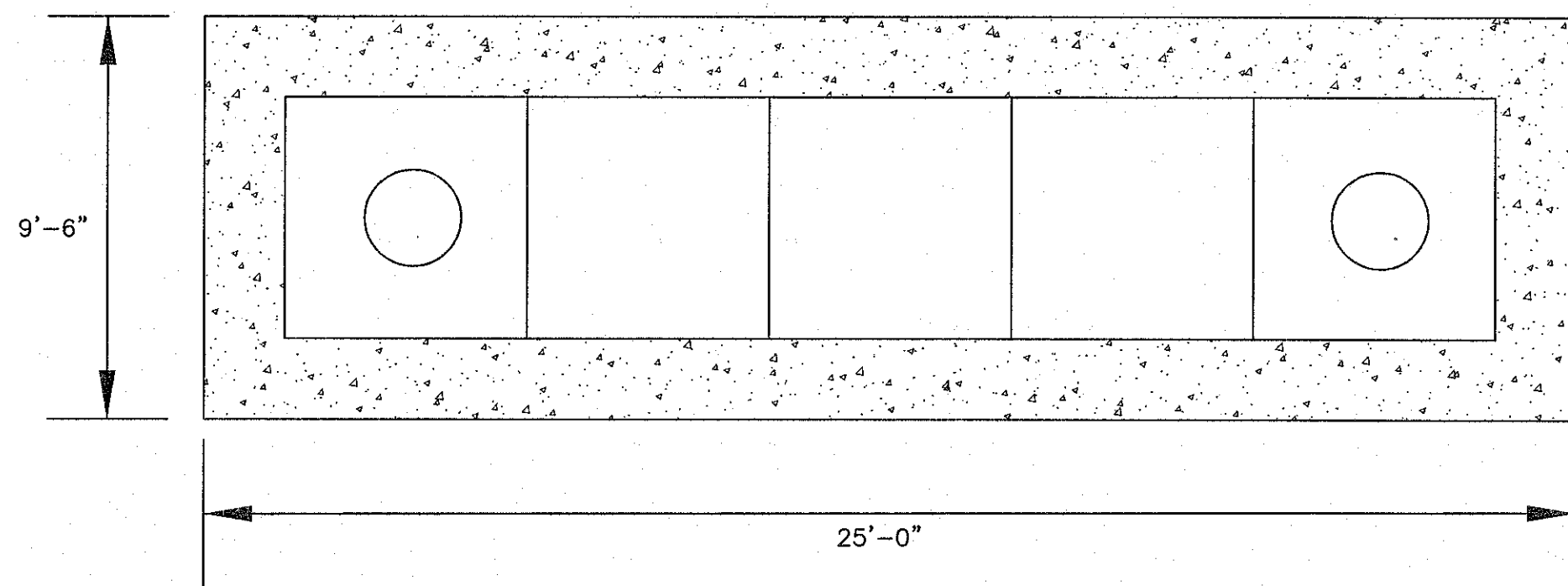
(IN FEET)
1 inch = 30 ft.

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SALVATORE VINCI
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SHEET: 2 OF 3
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LEACHING CHAMBER SIZING:

*Leaching Chamber Storage Volume sizing based on 2 inch of rainfall over the proposed roof area.

STORAGE VOLUME REQUIRED:

PROPOSED BUILDING AREA: 3300 s.f.
Volume = 3300 s.f x 2 in. = 550 cu.ft.
TOTAL VOLUME REQUIRED = 550 cu.ft.

STORAGE VOLUME PROVIDED:

*Proposed 5-Leaching Galley's with 30" stone

VOLUME OF GALLEY'S (5-galley's):

5x(42"W x 42"W x 43"H) = 221.5 cu.ft.

VOLUME OF STONE:

1,135.8 cf (field) - 294.4 cf (displacement) =

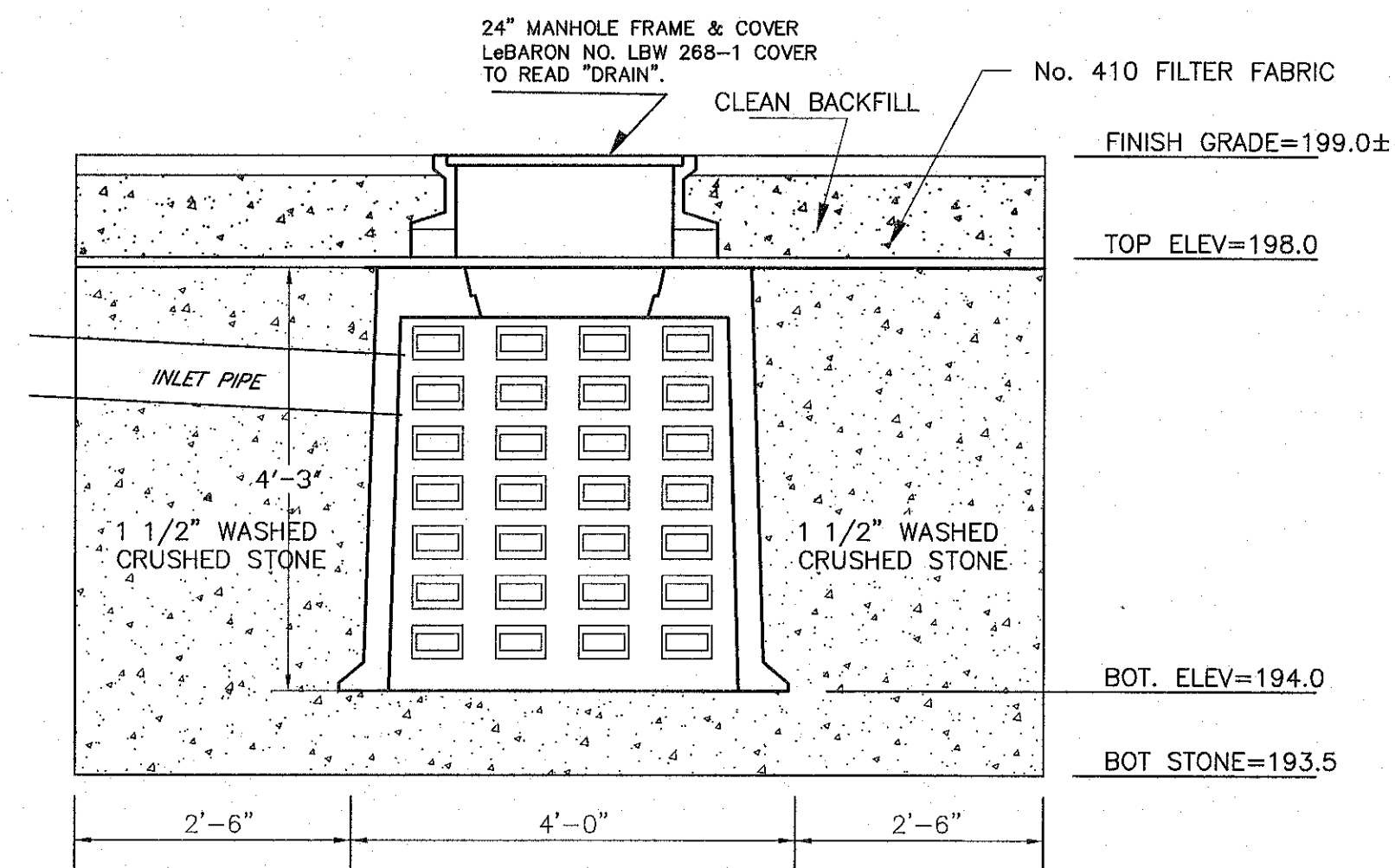
841.5 cf Stone x 40%voids = 336.6

TOTAL STORAGE VOLUME PROVIDE = 558 cu.ft.

PROPOSED PRECAST LEACHING GALLEY'S

Provide 5 - Precast Galley's
With 30" stone around perimeter as shown

ALL ROOF AREA SHALL BE CONNECTED TO THE RECHARGE SYSTEM

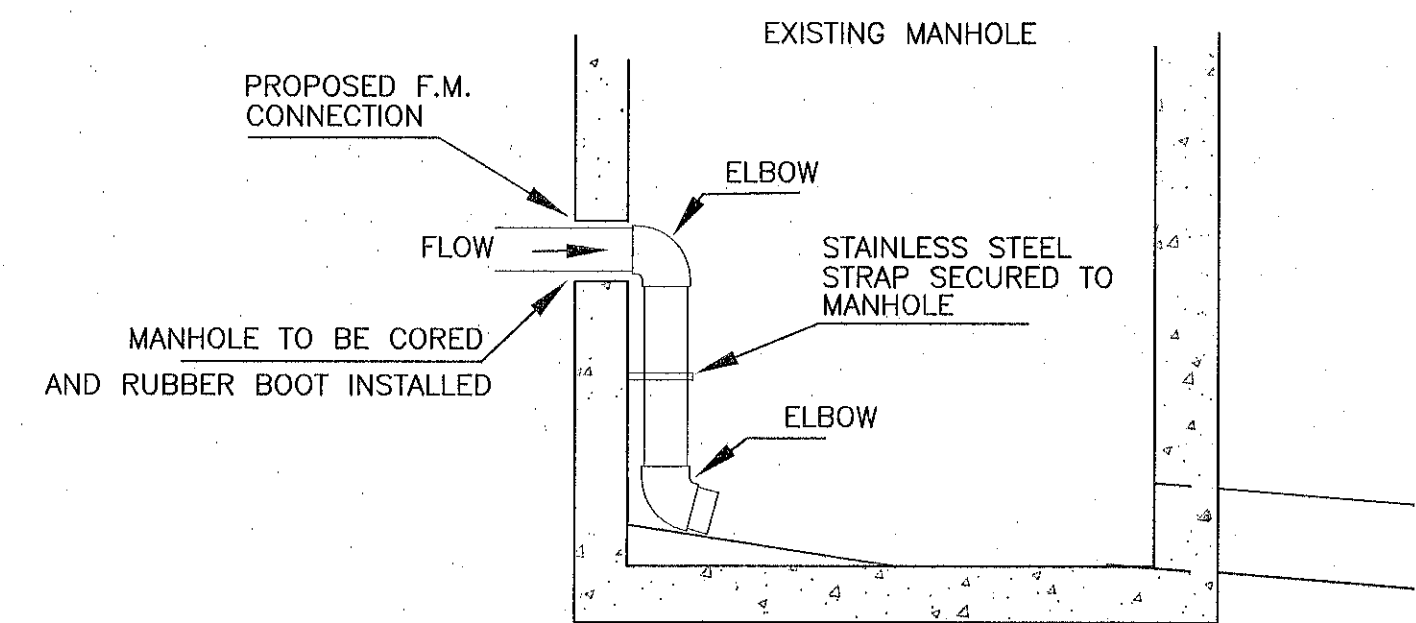


NOTES:

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGNED FOR H-20 LOADING.
3. GALLEY AVAILABLE IN BOTH END AND CENTER SECTIONS. CENTER SECTIONS HAVE LARGE OPENING IN BOTH THE BACK AND FRONT SIDES.
4. INLETS TO BE PRECAST ACCORDING TO PLAN
5. GALLEYS TO BE PLACED AGAINST ONE ANOTHER AS INDICATED ON THE GRADING PLAN ON A STONE BASE, WITH 2 FEET OF STONE ALL AROUND.
6. STONE SHALL MEET SECTION M2.01.2 OF THE MHD SPECIFICATIONS.

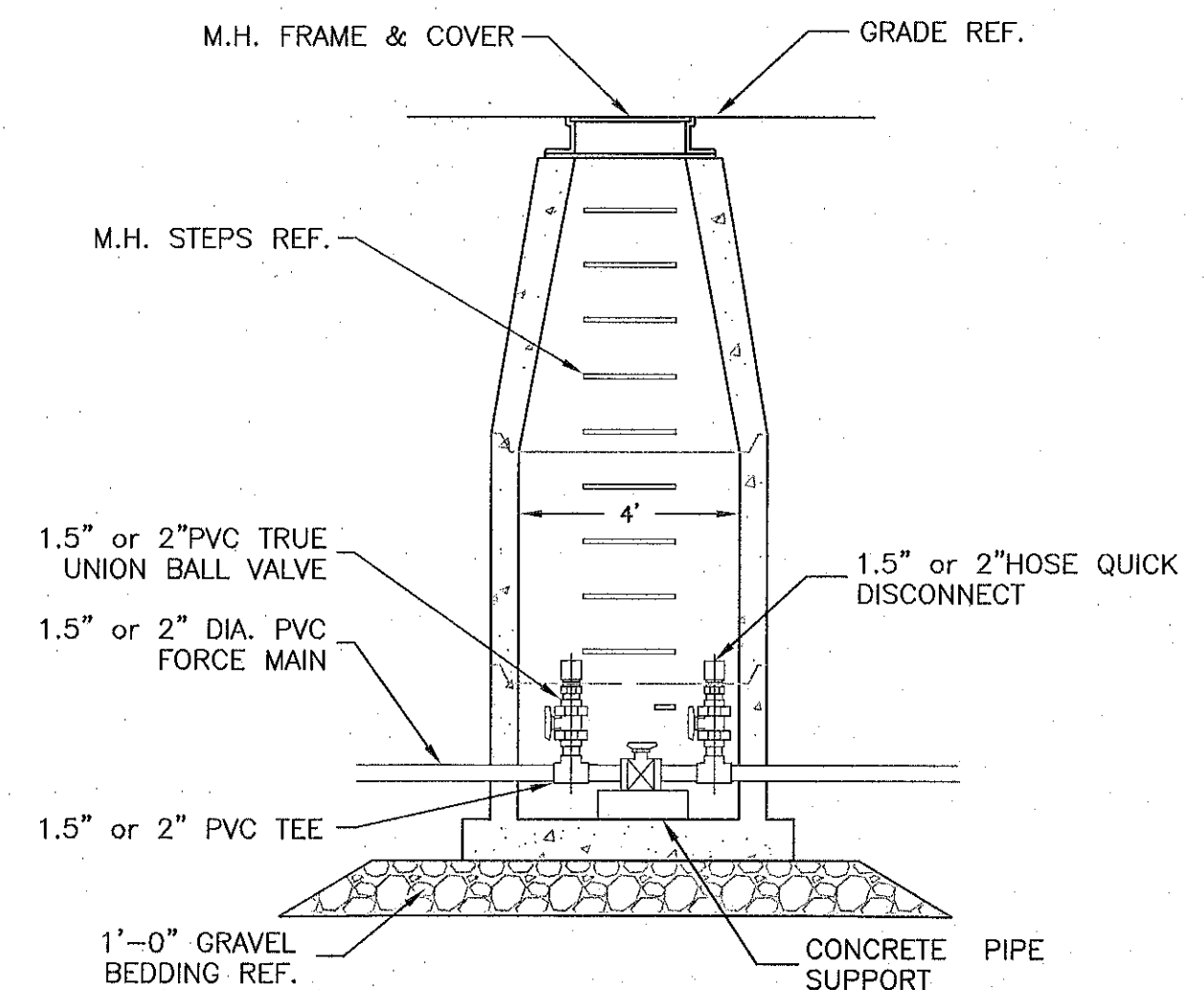
ROOF RECHARGE SYSTEM PRECAST CONCRETE GALLEY'S

N.T.S.



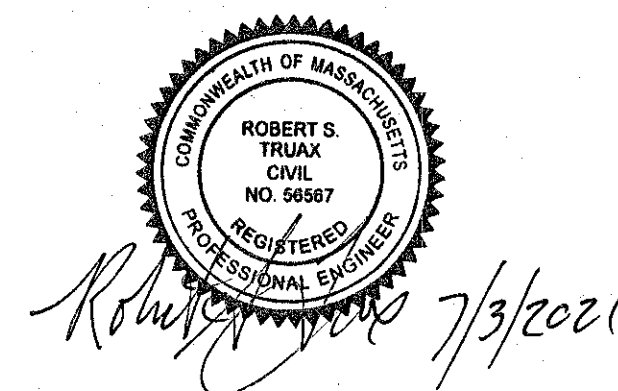
SEWER MANHOLE CONNECTION DETAIL

NOT TO SCALE



INLINE FLUSHING MANHOLE

NOT TO SCALE



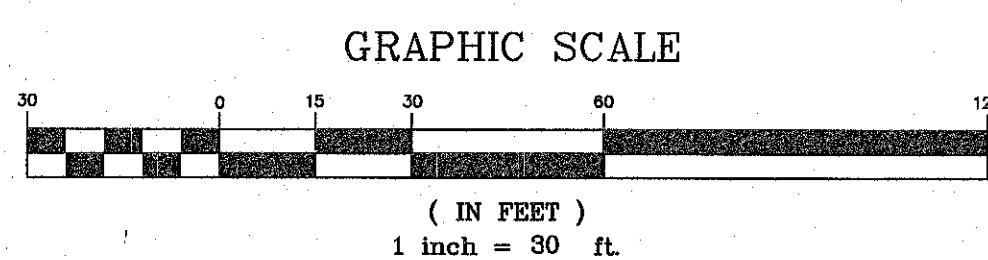
DETAILS



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