

ABANDON EXISTING SEWER MANHOLES WHERE SHOWN
ABANDONED SEWER MANHOLE TO BE REMOVED AND
DISPOSED OF (3 THIS SHEET). CONTRACTOR SHALL
FILL ABANDONED SEWER MAIN WITH FLOWABLE FILL.

CORE AND CONNECT TO EXISTING SMH
AT ELEV. 595.6 TBV. INVERT TO BE
REBRICKED AS NECESSARY PLUG EXISTING
INVERT OUT WITH BRICK AND MORTAR

SMH 16 NOT INSTALLED
4' ID PRECAST CONCRETE MANHOLE
LEAVE 5' OF 12" SEWER MAIN AND CAP
SEE DETAIL SHEET 150

CONTRACTOR SHALL FURNISH AND INSTALL WATER
METERS FOR ALL CUSTOMERS IN PROJECT AREA.
SEE SHEET 154 FOR DETAIL AND TABLE FOR
METER AND SERVICE SIZE. INSTALLATION SHALL
BE DONE BY VERMONT LICENSED PLUMBER.
CITY OF BARRE TO DIRECT LOCATIONS FOR
METER AND REMOTE TOUCH-READ PADS.

SMH 15
SET OVER EXISTING 10" SEWER MAIN
4' ID PRECAST CONCRETE MANHOLE
SEE DETAIL SHEET 150

SMH 14
6' ID PRECAST CONCRETE MANHOLE
LEAVE 5' OF 30" SEWER MAIN AND CAP
SEE DETAIL SHEET 150

INTERCONNECTION
12"x12" TEE, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" GATE VALVE, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" 45° BEND, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" 22° BEND, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" SOLID SLEEVE, MJ
12" END CAP, MJ

CONNECT TO EXISTING SANITARY
SEWER AT ELEV. 594.6 TBV

INTERCONNECTION
12"x12" TEE, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" GATE VALVE, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" 90° BEND, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" 90° BEND, MJ
12" DI NIPPLE, VARIABLE LENGTH
12" SOLID SLEEVE, MJ
12" END CAP, MJ

INTERCONNECTION
12"x8" TEE, MJ
8" DI NIPPLE, VARIABLE LENGTH
8" GATE VALVE, MJ
8" DI NIPPLE, VARIABLE LENGTH
8" 90° BEND, MJ
8" DI NIPPLE, VARIABLE LENGTH
8" 90° BEND, MJ
8" DI NIPPLE, VARIABLE LENGTH
8" SOLID SLEEVE, MJ
8" END CAP, MJ

EXPLORATORY EXCAVATION REQUIRED
TO VERIFY EXACT ELEVATION OF
EXISTING STORM DRAIN

SMH 13
6' ID PRECAST CONCRETE MANHOLE
SEE DETAIL SHEET 150

NEW 30" SEWER MAIN

12" 22° BEND, MJ

12" 45° BEND, MJ

NEW 15" SEWER MAIN

16" 22° BEND, MJ

16" 11° BEND, MJ

16"x12" DI TEE, MJ

16" FUTURE CONNECTION
SEE DETAIL SHEET 154

6" SPRINKLER SERVICE
6" 45° BEND, MJ
6" DI NIPPLE, VARIABLE LENGTH
6" 45° BEND, MJ
6" DI NIPPLE, VARIABLE LENGTH
6" 45° BEND, MJ
6" DI NIPPLE, VARIABLE LENGTH
6" SOLID SLEEVE, MJ
6" END CAP, MJ
SEE DETAIL SHEET 22

NEW 16" WATER MAIN MJ

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

CAP SPRINKLER SERVICE
INSIDE BUILDING

6" SPRINKLER SERVICE
SEE DETAIL ON SHEET 154

1 1/2" WATER SERVICE

HYDRANT
SEE DETAIL ON SHEET 154

HYDRANT TBR

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

6" RD CAP
INSIDE BUILDING

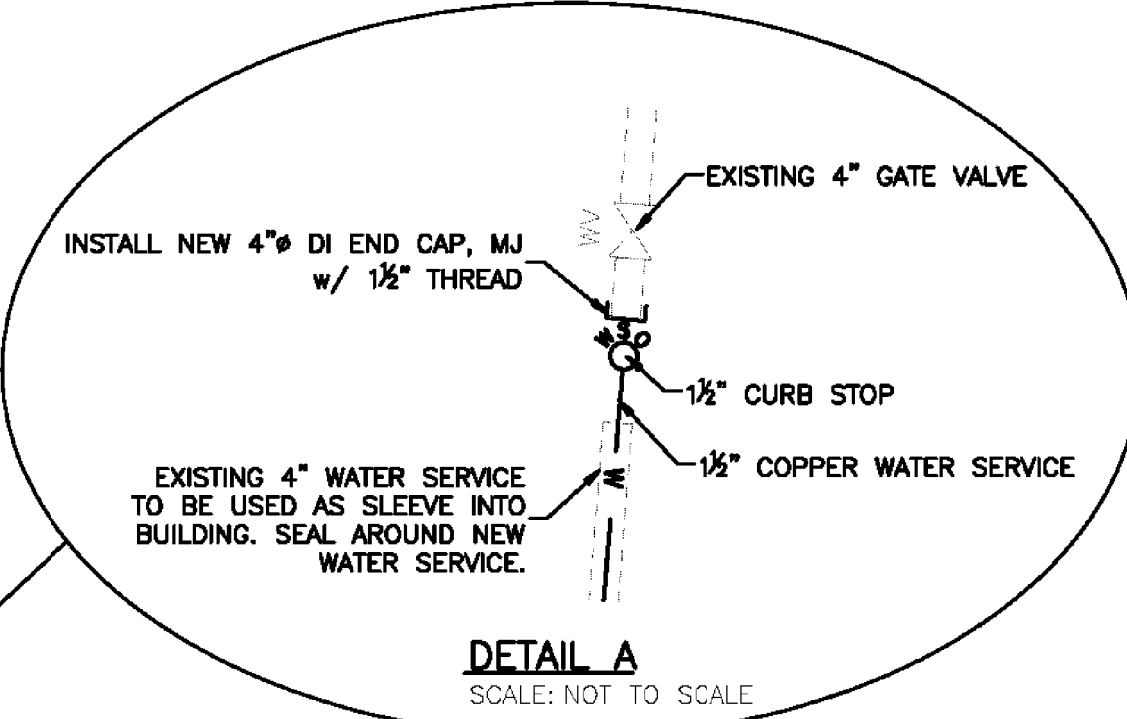
1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE

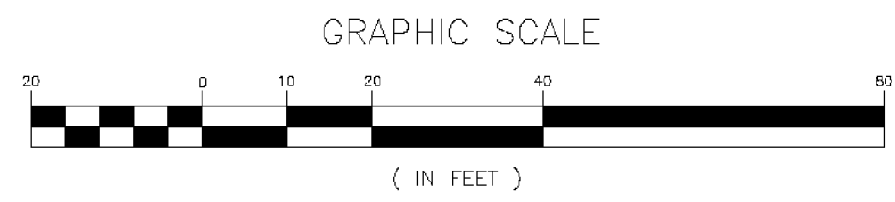
6" RD CAP
INSIDE BUILDING

1 1/2" WATER SERVICE

6" NEW SPRINKLER SERVICE



- NOTES:
- SEE SHEET 133 FOR GENERAL NOTES, LEGEND AND LIST OF ABBREVIATIONS.
 - SEE SHEETS 139-143 FOR SEWER MAIN PROFILES
 - SEE SHEETS 151-153 FOR WATER MAIN PROFILES
 - SEE SHEETS 144-149 FOR SEWER SERVICE PROFILES
 - SEE SHEETS 155-157 FOR ROOF DRAIN PROFILES
 - SEE SHEETS 150 AND 154 FOR DETAILS
 - SEE PLANS PROVIDED BY VANASSE HANGEN BRUSTLIN, INC. FOR ADDITIONAL INFORMATION, INCLUDING STORM DRAIN AND ROAD IMPROVEMENTS.



DUFRESNE GROUP
CONSULTING ENGINEERS

Dufresne Group is owned by Dufresne & Associates, PC

PROJECT NAME: BARRE CITY
PROJECT NUMBER: FEFC F 026-1(34) C/2

FILE NAME: 717014-SITE PLANS
PROJECT LEADER: R.E. DUFRESNE
DESIGNED BY: B.L. BAKER
WATER AND SEWER SITE PLAN

PLOT DATE: Feb. 18, 11
DRAWN BY: B.L. BAKER
CHECKED BY: C.L. WHITEHEAD
SHEET 138 OF 339