

SHERBORN VILLAGE

IN

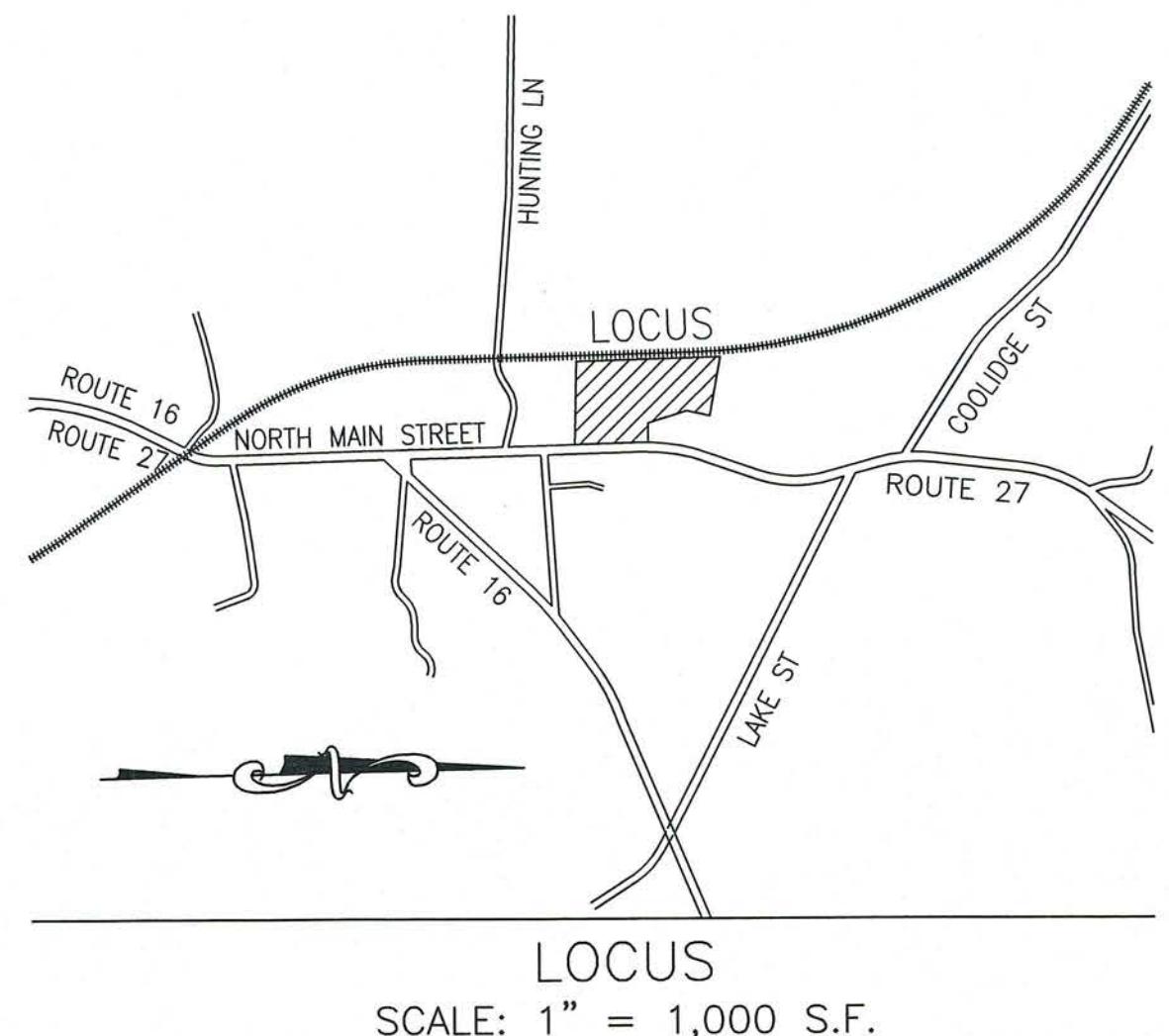
SHERBORN, MASSACHUSETTS

(MIDDLESEX COUNTY)

HERITAGE PROPERTIES
490-B BOSTON POST ROAD
SUDSBURY, MA 01776

OWNER/APPLICANT:
HERITAGE PROPERTIES
490-B BOSTON POST ROAD
SUDSBURY, MA 01776

ENGINEER:
ENGINEERING DESIGN
CONSULTANTS, INC.
32 TURNPIKE ROAD
SOUTHBOROUGH, MASSACHUSETTS



SHEET INDEX	
NUMBER	TITLE
1	COVER
2	EXISTING CONDITIONS
3	LAYOUT & MATERIALS
4	GRADING & UTILITIES
5	PROFILE
6	DETAILS

LEGEND

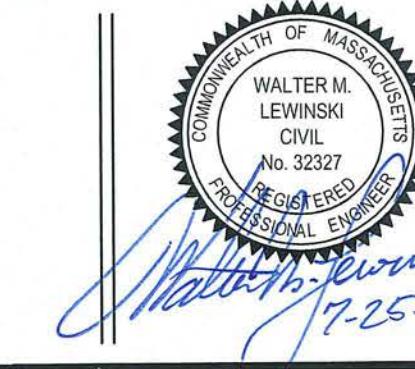
BIT CONC	BITUMINOUS CONCRETE
CB	CATCH BASIN
CC	CONCRETE CURB
CCB	CAPE COD BERM
CO	CLEAN OUT
CONC	CONCRETE
CS	CURB STOP
D	DRAINLINE
DCB	DOUBLE CATCH BASIN
DI	DUCTILE IRON
DMH	DRAIN MANHOLE
ELEC	ELECTRIC
EMH	ELECTRIC MANHOLE
ETC	ELECTRIC, TELEPHONE, CABLE
FD	FOUNDATION DRAIN
FE	FLARED END
GAS	GAS LINE
CG	GAS GATE
CV	GATE VALVE
HC	HANDICAPPED RAMP
HYD	HYDRANT
INV	INVERT
LP	LIGHT POLE
MH	MANHOLE
PIV	POST INDICATOR VALVE
PPVC	PERFORATED POLY-VINYL-CHLORIDE
PVC	POLY-VINYL-CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD OR RL	ROOF DRAIN OR ROOF LEADER
S	SEWER LINE
SB/DH	STONE BOUND/DRILLHOLE
SGC	SLOPED GRANITE CURB
SMH	SEWER MANHOLE
TD	TRENCH DRA
TELE	TELEPHONE LINE
TMH	TELEPHONE MANHOLE
TRANS	TRANSFORMER
TS	TRANSITION STONE
UD	UNDERDRAIN
VGC	VERTICAL GRANITE CURB
W	WATER LINE
WG	WATER GATE
— S	SIGN
TP	BORING
○	SOIL TEST PIT
WF	PERCOLATION TEST
EBC	WETLAND FLAG
T24	EROSION CONTROL BARRIER
□ (TBS)	24" TREE
△	STONE BOUND/DRILL HOLE TO BE SET
	WATER SHUTOFF

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Engineering Design Consultants, Inc.'s liability for this plan is limited to the extent of its fee less third party costs.

REVISIONS: WML
DRAWN BY: WML
CHD BY: PSB
APPROV BY: PSB
0 7/25/17 ISSUED FOR PEER REVIEW
REV # DATE DESCRIPTION



PREPARED BY:
E

Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
(508) 480-0225

PROJECT:

SHERBORN VILLAGE
A
RESIDENTIAL DEVELOPMENT
IN
SHERBORN, MASSACHUSETTS

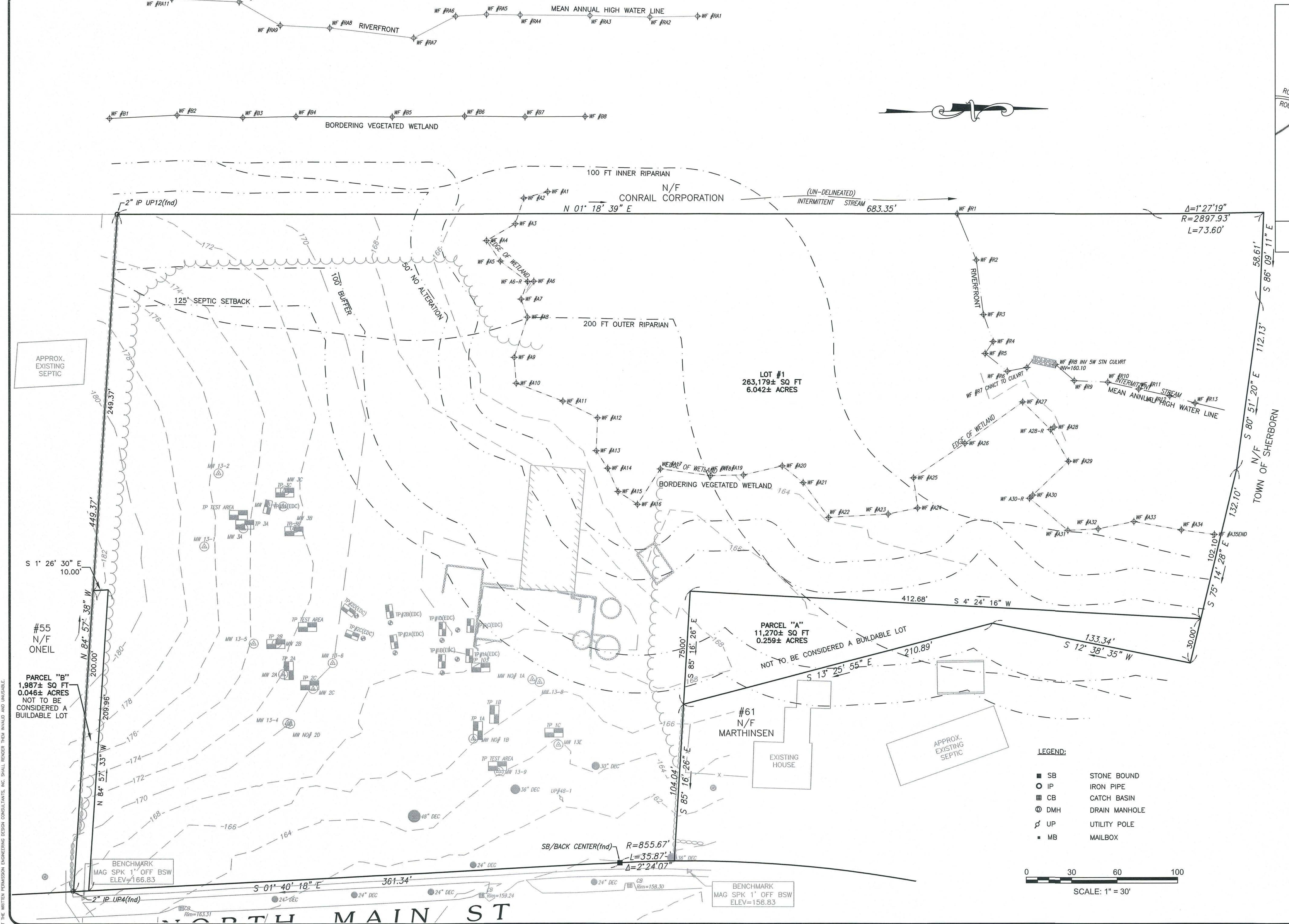
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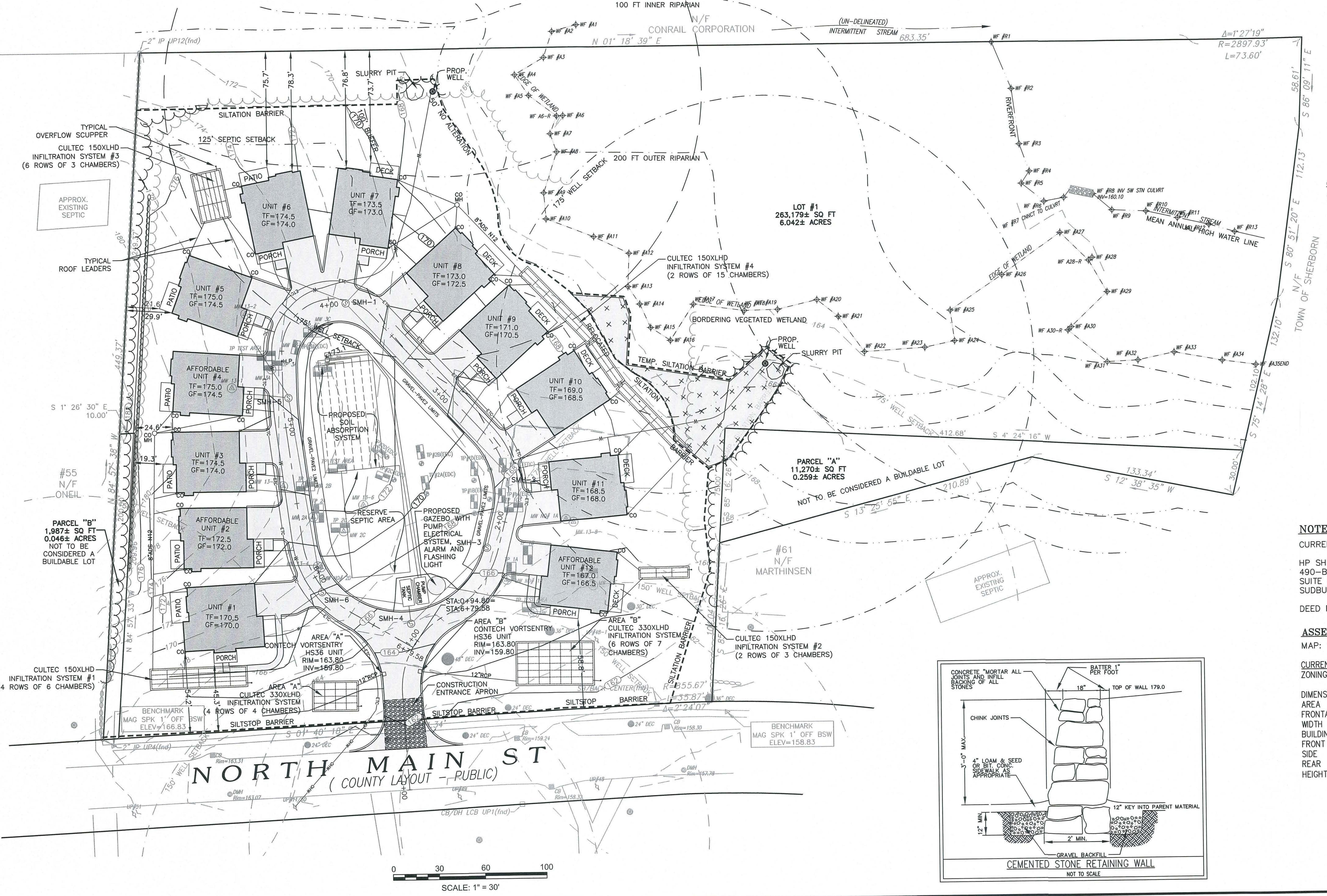
COVER
#59 NORTH MAIN STREET
SHERBORN, MASSACHUSETTS
OWNER/APPLICANT:
HERITAGE PROPERTIES
490-B BOSTON POST ROAD
SUDSBURY, MA 01776

FILE NO: 3438
COVER
DATE: JULY 25, 2017
PLAN NO: 1 of 6
1 6
1

APPROX.
EXISTING
SEPTIC

PARCEL "B"
1,987± SQ FT
0.046± ACRES
NOT TO BE
CONSIDERED A
BUILDABLE LOT





NOTE:
UNDERGROUND UTILITY LOCATIONS ARE
NOT GUARANTEED.

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 BUSINESS
HOURS IN ADVANCE OF CONSTRUCTION.
CALL DIGSAFE AT 811



CONSTRUCTION NOTES

1. DWELLING INFILTRATION SHALL BE CULTEC RECHARGER C150XLHD, ELEVATIONS AS SHOWN ON THE DETAILS. THEY SHALL BE INTERCONNECTED WITH THE CULTEC HYVL FC-24 FEED CONNECTOR AND 8-INCH DIAMETER ADS, N-12 PIPE. ROOF LEADERS SHALL BE 4-INCH ADS.
2. DRIVEWAY INFILTRATION SHALL BE CULTEC RECHARGER C330XLHD, ELEVATIONS AS SHOWN ON THE DETAILS.
3. SEWER PIPE SHALL BE 6" SCH-40 PVC, PRIME AND THOROUGHLY GLUE ALL PIPE FITTINGS.
4. MINIMUM SLOPE OF SEWER CONNECTIONS FROM UNITS S=0.010.
5. UNITS SHALL HAVE SEWER BACKFLOW PREVENTERS.
6. WATER MAIN LINE SHALL BE 8" CLDI CLASS 52, REDUCE TO 6" CLDI CLASS 52 FOR CONNECTION TO HYDRANT. HYDRANT AS SPECIFIED BY TOWN OF SOUTHBOROUGH.
7. WATER SERVICES SHALL BE 1 1/4 TYPE K COPPER.
8. SEE CONSTRUCTION NOTES AND DETAILS ON SHEET 6
9. AREA "A" & "B" SHALL BE VORTSENTRY HS36 UNITS.
10. SEWER PIPE CROSSING WATER LINE OR DRAIN LINE SHALL BE ENCASED IN CONCRETE WITH A MINIMUM OF 6-INCHES OF CONCRETE ALL AROUND AND 5-FEET TO EITHER SIDE OF THE UTILITY CROSSING.

NOTES:

CURRENT OWNER OF RECORD

HP SHERBORN LLC
490-B BOSTON POST ROAD
SUITE 202
SUDSBURY, MA 01776

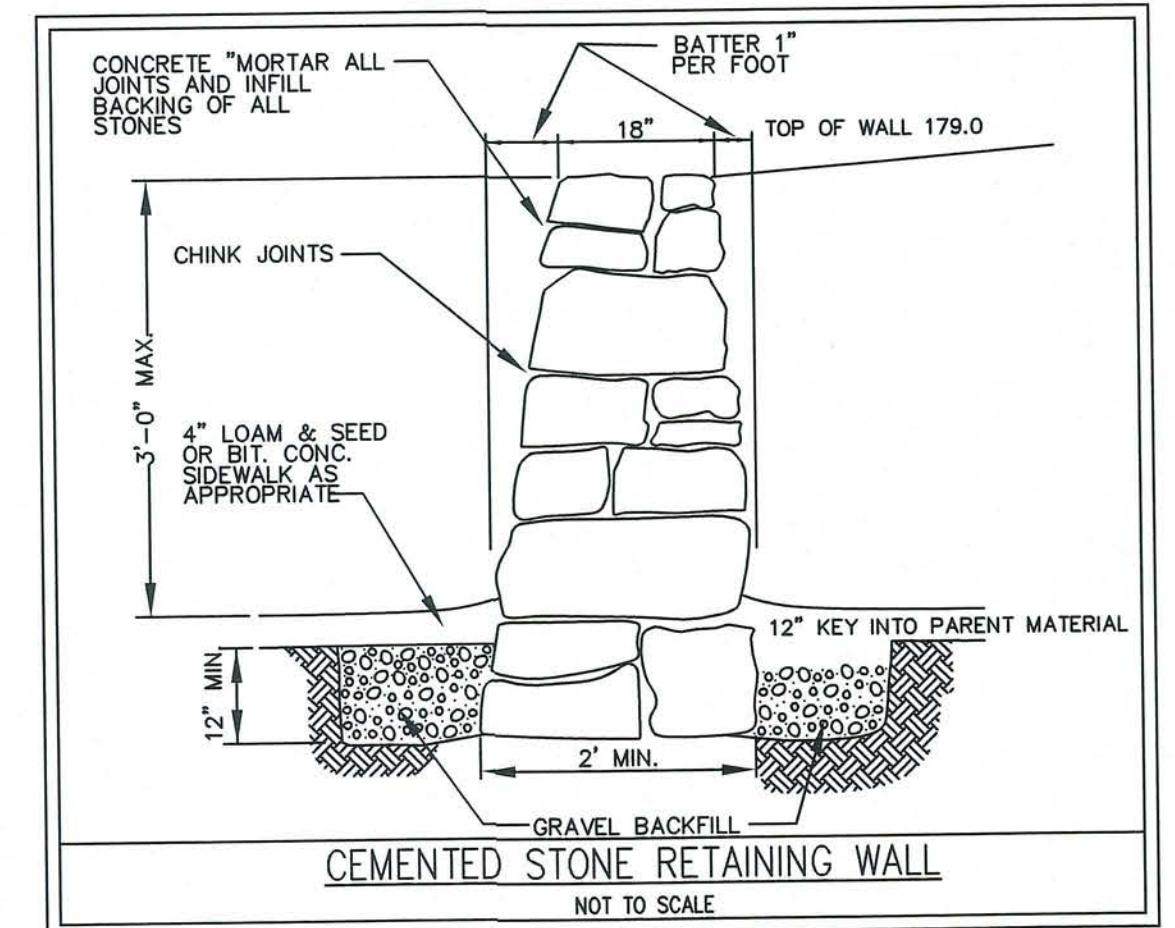
DEED REFERENCE: BOOK 65811 PAGE 274

ASSESSORS REFERENCE:

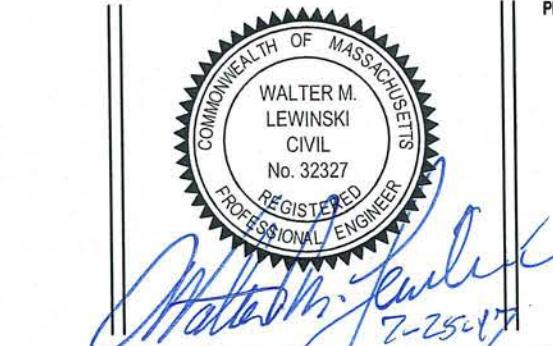
MAP: 10 LOT: 25

CURRENT ZONING INFORMATION
ZONING DISTRICT = RA

DIMENSIONAL REQUIREMENTS	REQUIRED AREA	PROPOSED
FRONTAGE	43,560 S.F.	263,179 S.F.
WIDTH	150.0 FT.	150.0 FT.
BUILDING SETBACK:		
FRONT	60 FT.	45.3 FT
SIDE	30 FT.	19.3 FT
REAR	30 FT.	73.7 FT
HEIGHT	35' MAX.	<35'
	2.5 STORY	2.5 STORY



DRWNS BY:	WML
CHKD BY:	PSB
APPROV'D BY:	PSB
REV #:	0
DATE:	7/25/17
ISSUED FOR PEER REVIEW	



Matthew J. Lewinski
7-25-17

REVISIONS:
PREPARED BY:
Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
(508) 480-0225

PROJECT:

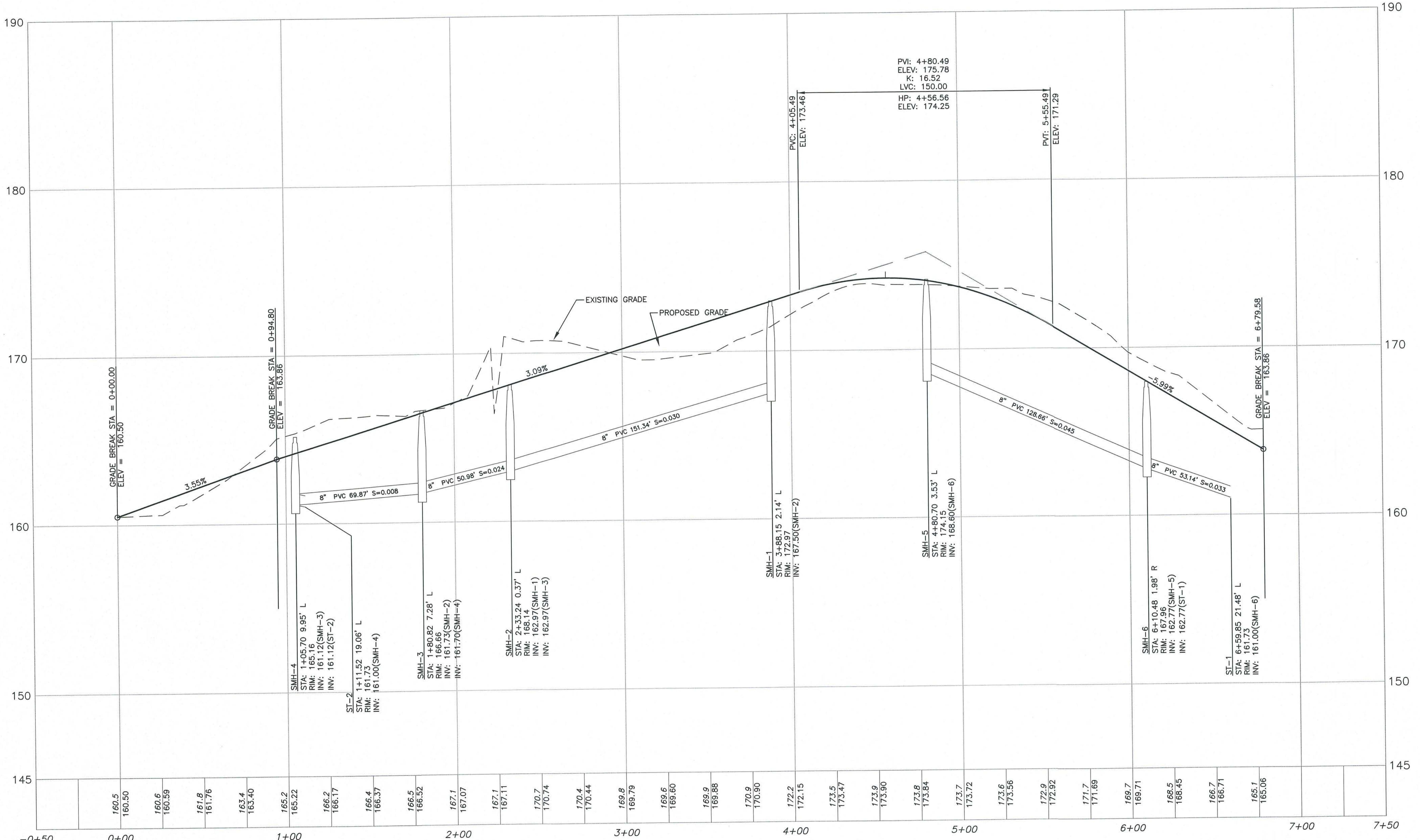
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RESIDENTIAL DEVELOPMENT
IN
SHERBORN, MASSACHUSETTS

TITLE:

GRADING & UTILITIES
#59 NORTH MAIN STREET
SHERBORN, MASSACHUSETTS

HERITAGE PROPERTIES
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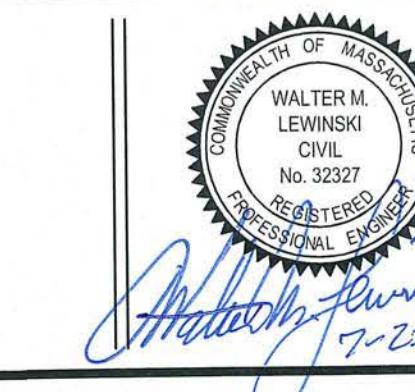
FILE NO. 3438
GRADING & UTILITIES
DATE: JULY 25, 2017
PLAN NO. 4 of 6
4



Engineering Design Consultants, Inc. shall not be responsible for construction means, methods, techniques, or procedures utilized by the contractor, nor for the safety of public or contractors employees, or for the failure of the contractor to carry out the work in accordance with the contract documents.

Engineering Design Consultants, Inc.'s liability for this plan is limited to the extent of its fee less third party costs.

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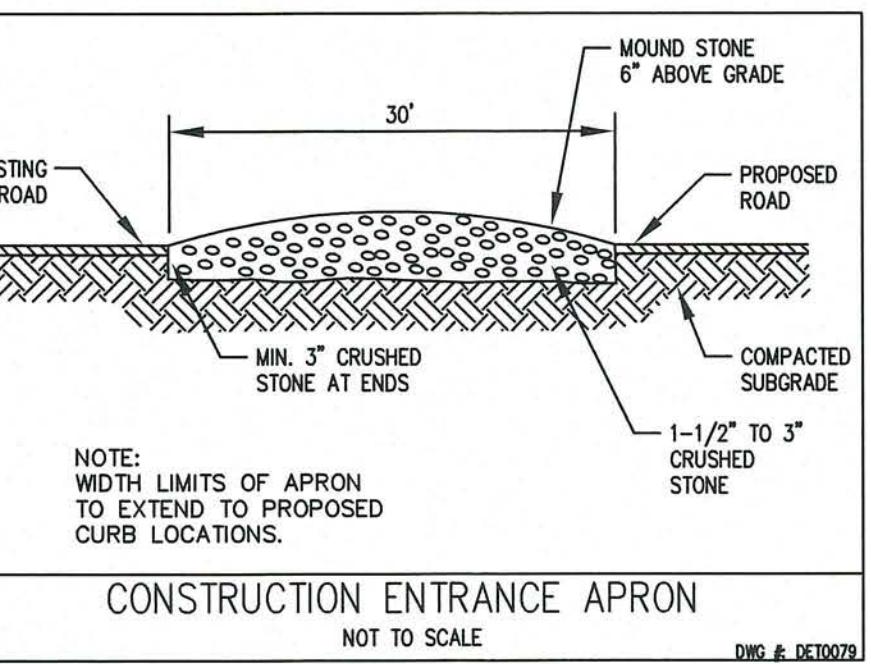
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FILE NO: 3438
PROFILE
DATE: JULY 25, 2017
PLAN NO: 5 6
5 6
5 6

1. THE SITE CONTRACTOR SHALL POST "DEP" SIGN AND REVIEW THE CONDITIONS DESCRIBED IN THE "ORDER OF CONDITIONS" ISSUED FOR THIS PROJECT.
 2. EROSION CONTROL MEASURES (SEE DETAILS) SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND REMOVED AS INDICATED.
 3. MEASURES SHALL BE TAKEN TO LIMIT THE TRACKING OF MATERIAL FROM THE SITE ONTO NORTH MAIN STREET.
 4. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED MEASURES AS NECESSARY.
 5. CAT BARS AND FLARED END STRUCTURES SHALL BE RINGED WITH STAKED HAYRIBS UNTIL THE ADJACENT SLOPES HAVE FULLY VEGETATED.
 6. THROUGHOUT CONSTRUCTION, ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED AND MULCHED AS SOON AS PRACTICABLE IN ORDER TO AVOID OVERLAND TRANSPORT OF SEDIMENT.
 7. EROSION CONTROL MEASURES ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND PARTICULARLY AT SIGNIFICANT PIVOTAL POINTS.
 8. EROSION CONTROL MEASURES SHALL BE REPAVED AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE BARRIER.
 8. WITH SLOPES STABILIZED AND FINAL CONSERVATION COMMISSION INSPECTION COMPLETE, THE EROSION CONTROL BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OFF-SITE.

SEDIMENTATION & EROSION CONTROL METHODS & PROCEDURES

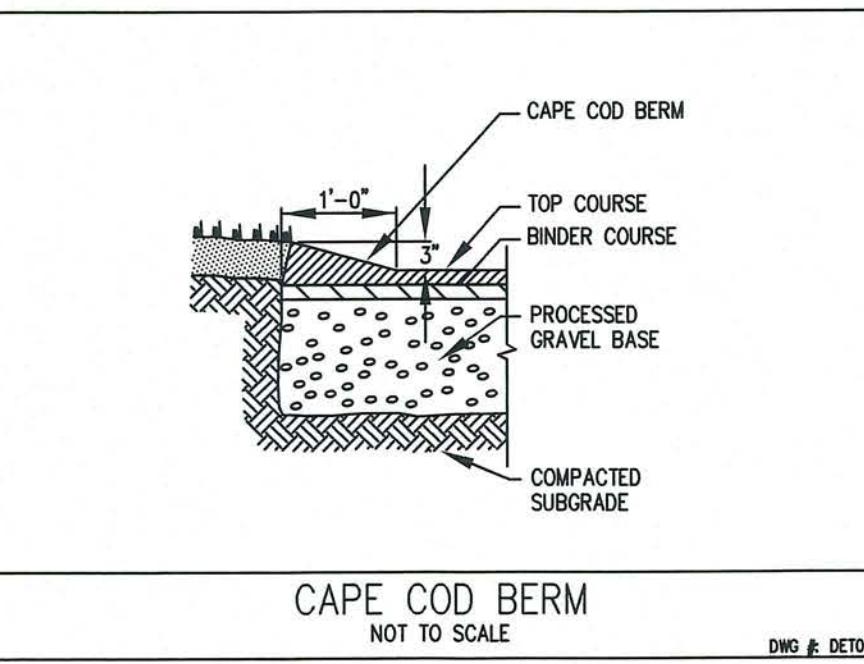
Dwg # DET0024



CONSTRUCTION ENTRANCE APRON

NOT TO SCALE

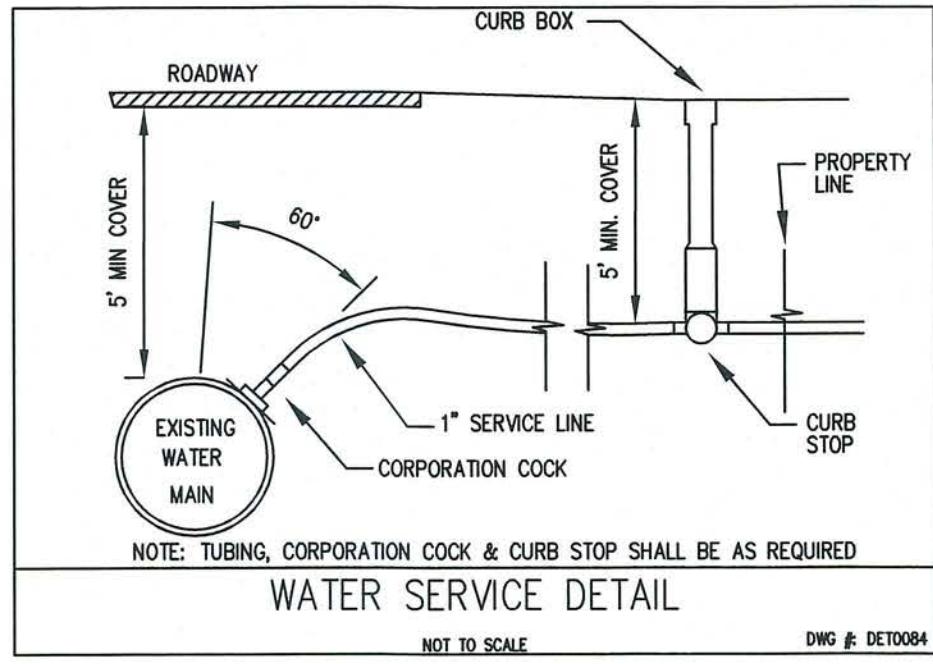
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CAPE COD BERM

NOT TO SCALE

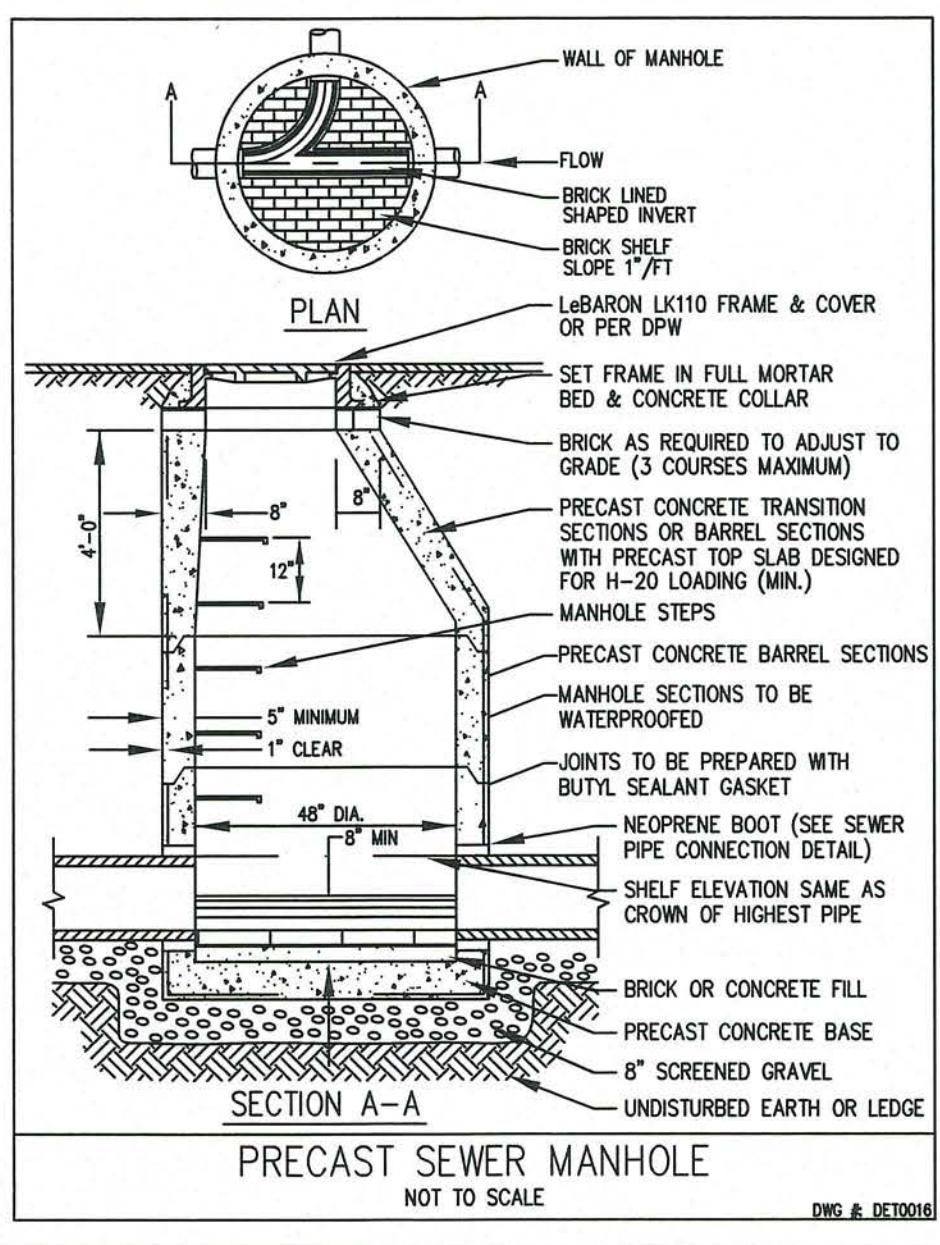
Dwg # DET0005



WATER SERVICE DETAIL

NOT TO SCALE

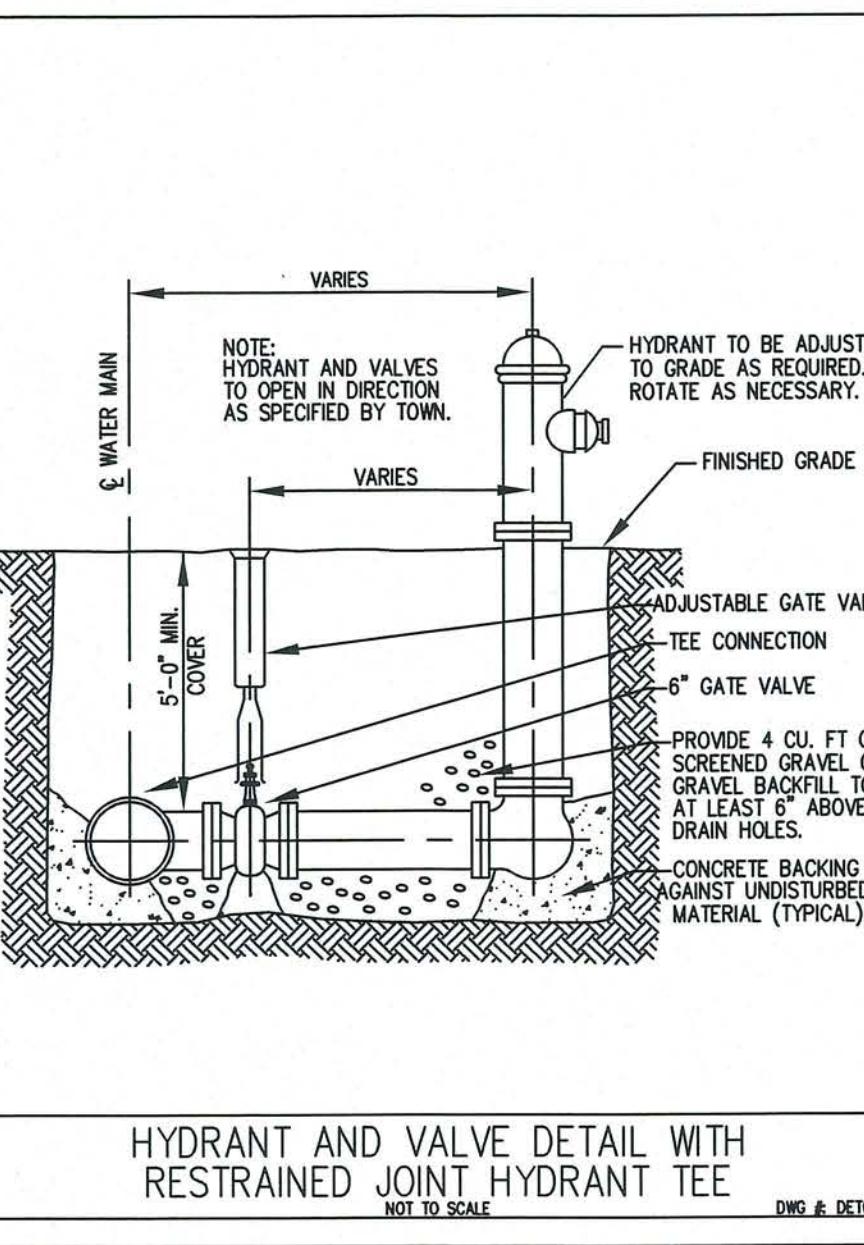
Dwg # DET0084



PRECAST SEWER MANHOLE

NOT TO SCALE

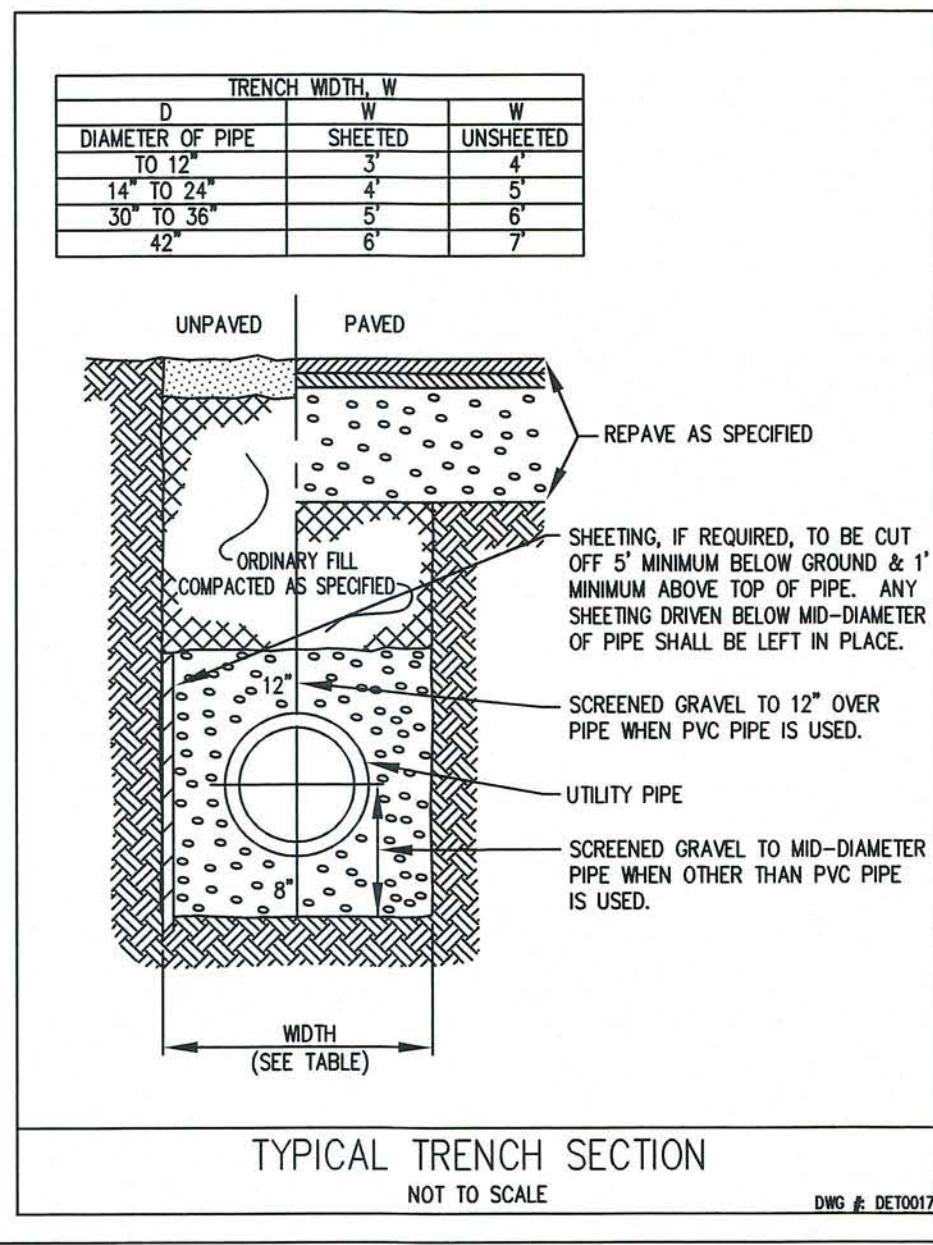
Dwg # DET0018



HYDRANT AND VALVE DETAIL WITH RESTRAINED JOINT HYDRANT TEE

NOT TO SCALE

Dwg # DET0018



TYPICAL TRENCH SECTION

NOT TO SCALE

Dwg # DET0097

