SITE UTILITIES NOTES

1. LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY GENERAL CONTRACTOR WITH THE PROPER UTILITY COMPANY PROVIDING SERVICE.
2. MECHANICAL JOINT RESTRAINTS SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS.
3. ALL WATER AND SANITARY LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END.
4. ALL FIRE HYDRANTS SHALL BE PROVIDED WITH AN APPROVED GATE VALVE A MINIMUM OF 5'-0" FROM HYDRANT.
5. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
6. GENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THESE UTILITY SYSTEMS PRIOR TO INSTALLATION.
7. CALL BEFORE YOU DIG 1-888-DIG-SAFE (1-888-344-7233).

LEGEND

- SEWER LINE W/MANHOLE
- WATER MAIN W/GATE
- ELECTRIC, TELEPHONE, CABLE & FIRE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- TRANSFORMER
- FIRE HYDRANT
- LIGHT POLES
- 2-4" ELECTRIC CONDUITS
- 2-4" TELEPHONE CONDUITS
- FORCE MAIN
- FIRE PROTECTION

SEWER STRUCTURE CHART

STRUCTURE	RIM	INVERTS
SMH 1	11.2	INV IN = 3.91 (SMH 2)
SMH 2	12.7	INV IN = 4.65 (SMH 3)
		INV OUT = 6.25 (SMH 1)
SMH 3	15.1	INV IN = 6.30 (SMH 5)
		INV IN = 6.30 (SMH 4)
		INV OUT = 8.65 (SMH 2)
SMH 4	14.2	INV IN = 8.53 (SS-D)
		INV OUT = 8.43 (SMH 3)
SMH 5	14.5	INV IN = 8.75 (SS-B)
		INV OUT = 8.65 (SMH 3)

LITTLE RIVER
100-FOOT RIVER FRONT ZONE
200-FOOT RIVER FRONT ZONE
BELMONT
CAMBRIDGE
ACORN PARK DRIVE
EDGE OF BORDERING VEGETATED WETLAND
100' WETLAND BUFFER
100-YEAR FLOODPLAIN ELEV. 8.0
BUILDING A FFE=18.0 GE=8.0
BUILDING B FFE=17.0 GE=7.0
BUILDING C FFE=20.0 GE=10.0
BUILDING D FFE=17.0 GE=7.0
BUILDING E FFE=18.0 GE=8.0
POOL
SS-A1 INV=9.33
SS-A2 INV=7.33
SS-B INV=11.0
SS-C INV=9.33
SS-D INV=11.0
SS-E1 INV=7.83
SS-E2 INV=7.83
SMH1 SEWER PUMP STATION
SMH2
SMH3
SMH4
SMH5
8" W (CL 52 DICL)
10" WATER MAINS (2)
3" FORCE MAIN
GUARD RAIL
SEE SHEET C-11 FOR CONTINUATION
COMM. OF MASS. DRAINAGE EASEMENT DOCUMENT NO. 441737
FRONTAGE ROAD
EXIST. HIGH CURB TYP.

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

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NOT FOR CONSTRUCTION

THESE PLANS WERE PREPARED FOR THE PURPOSE OF OBTAINING STATE AND LOCAL APPROVALS AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

No.	Date	Description

Revisions

Drawn By	Designed By	Checked By	Approved By
CDH	CDH	DMA	

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Project Title
Residences at Acorn Park Belmont, MA

Sheet Title
Utility Plan

Scale: 1"=40
Job No.: 7128
File Name: 7128P-CPU01
Date: 06-08-06

Sheet No.
C-5