



DRAIN MANHOLE
RIM = 33.17
INV IN = 27.62 (30")
INV IN = 27.62 (30")
INV IN = 27.62 (30")
INV OUT = 27.52 (30")

TBM #1
PK NAIL SET IN UTILITY
POLE #27 1 FOOT ABOVE
GRADE. (ELEVATION 35.08')

DRAIN MANHOLE
RIM = 33.81
INV IN = 27.86 (30")
INV IN = 28.31 (12")
INV OUT = 27.71 (30")

ST. JOHN STREET

D STREET

VALLEY STREET

LEGEND

	EXISTING	PROPOSED		EXISTING	PROPOSED
PROPERTY LINE	---	---	UTILITY POLE	⊘	⊘
MONUMENT FOUND	■	■	UTILITY POLE WITH LIGHT	⊘	⊘
REBAR FOUND	••	••	LIGHT POLE	⊘	⊘
CONTOUR	70	70	STORM DRAIN	D	SD
SPOT GRADE		+39.66	FENCE	—	—
CATCHBASIN	■	CB	BASE OF WALL	---	---
SEWER MANHOLE	⊙	SMH	SIGN	—	—
DRAIN MANHOLE	⊙	DMH	TEST BORING	⊕	⊕
GEO THERMAL WELL	—	GW			
WATER VALVE	—	—			
FIRE HYDRANT	—	—			

NOTES

- CONTRACTOR SHALL PROVIDE A FINAL DESIGN, PREPARED BY A LICENSED PROFESSIONAL ENGINEER, FOR ADDRESSING THE TEMPORARY SHORING SYSTEM AND STABILIZATION OF VALLEY STREET. THE DESIGN SHALL CLEARLY SPECIFY THE MEANS AND METHODS OF THE SUPPORTING SYSTEM AND SHALL BE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR ENGINEER BEFORE PROCEEDING WITH SITEWORK.
- THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CALL 1-888-DIGSAFE AT LEAST THREE BUSINESS DAYS BEFORE PERFORMING ANY CONSTRUCTION.
- DMH#2 SHALL HAVE A WEIRWALL UP TO ELEVATION 33.00 TO DIRECT RUNOFF TO THE POND.

STORM DRAIN STRUCTURES

STRUCTURE	SIZE	RIM	INV. IN	INV. OUT
CB#1	4' DIA	36.28	31.72 (CUD)	31.62 (ISO ROW) 33.00 (COC5 #1)
DMH#1	6' DIA	38.08	31.72 (CFD)	31.62 (ISO ROW) 33.00 (MANIFOLD)
DMH#2	4' DIA	38.08	33.00	31.00
DMH#3	4' DIA	35.70	30.62	30.42
DMH#4	6' DIA	EXISTING GRADE	27.63 (EXISTING)	27.63 (EXISTING)
OC5	6' DIA	36.95	28.70 31.00 31.00 0.00	30.80 0.00 0.00

Mitchell & Associates
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AVESTA HOUSING

FLORENCE HOUSE
190 VALLEY STREET
PORTLAND, MAINE

REVISIONS

#	DATE	DESCRIPTION
1	12.7.07	MAINE HOUSING 50% REVIEW SET
2	8.2.08	90% MAINE HOUSING REVIEW SET
3	7.31.08	100% MAINE HOUSING REVIEW SET
4	9.2.08	100% BID DOCUMENTS

DATE: 12.7.07

PROJECT #: 100405

DRAWN BY: BVD

CHECKED BY: WCH

DRAWING SCALE: 1"=20'-0"

SHEET TITLE

GRADING AND DRAINAGE PLAN

C 102

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