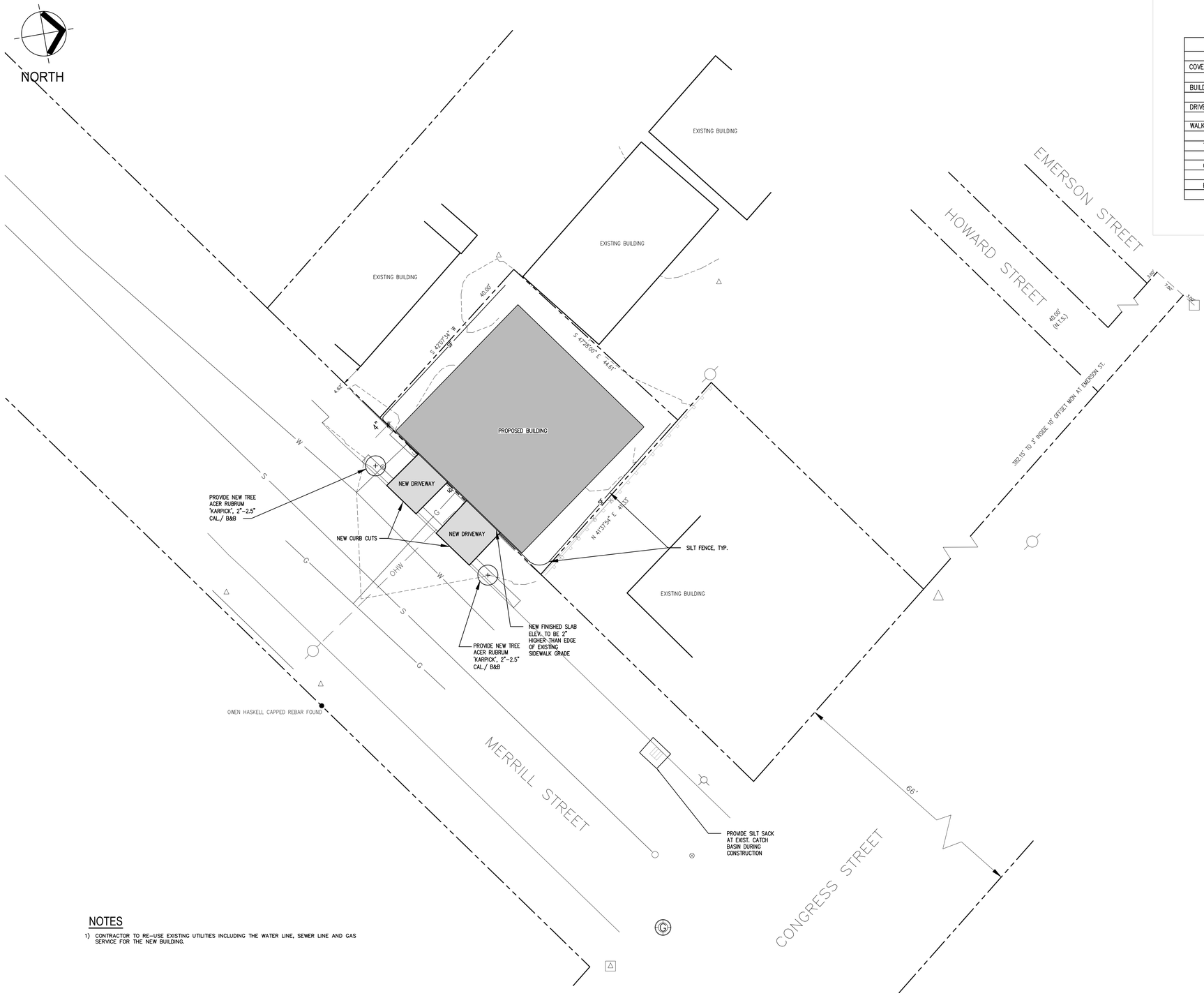
NORTH



NOTES

1) CONTRACTOR TO RE-USE EXISTING UTILITIES INCLUDING THE WATER LINE, SEWER LINE AND GAS SERVICE FOR THE NEW BUILDING.

IMPERVIOUS AREA TABLE

COVER TYPE (IMPERVIOUS)	EXISTING AREA (SQ. FT.)	PROPOSED AREA (SQ. FT.)
BUILDINGS	1,158	1,225
DRIVEWAYS AND PARKING AREA	239	60
WALKWAYS	73.4	0
TOTAL	1,470.4	1,285
CHANGE FROM EXISTING (+/-)		– 185.4
PERCENT CHANGE (+/-)		– 12.6%

LEGEND

EXISTING	DESCRIPTION	PROPOSED
□	GRANITE MONUMENT – 3' OFFSET	■
O IPF	IRON PIN FOUND/SET	O IPS
O IRF	IRON ROD FOUND	
☼ CIRF	CAPED IRON ROD FOUND	
◉ DHF	DRILL HOLE FOUND	
▣ MON	GRANITE MONUMENT FOUND	
	STREET LINE	
	LOT SETBACKS	
	PROPERTY LINE	
	ABUTTOR LINE	
	"NO CUT" BUFFER	
	WETLANDS	
	EDGE OF ROAD/TRAVELLED WAY	
TP 69	SOIL TEST PIT	TP 69
— 101 —	CONTOUR	101
327x60 x 327.6	SPOT GRADE	327x60 x 327.6
GAS	GAS SHUT-OFF	
UP ∅ UP	UTILITY POLE	
— OE —	OVERHEAD ELECTRICAL	— OE —
—UE&T—	UNDERGOUND ELECTRICAL	—UE&T—
T	ELECTRICAL TRANSFORMER	T
	FIRE HYDRANT	
— 8"-W 8" W —	WATER LINE	— 8"-W 8" W —
WG	WATER GATE	
— 12" S —	SEWER LINE	— 12" S —
S SMH	SEWER MANHOLE	● SMH-1
DMH	DRAINAGE MANHOLE	● DMH-1
CB	CATCH BASIN	■ CB-1
—UD/SD—	UNDERDRAIN/STORMDRAIN	—UD/SD—
— UD —	UNDERDRAIN	— UD —
	SILT FENCE	SF
	TEMP. STONE CHECK DAM	
	GRADING AND FLOW DIRECTION	
	HAY BALES	
	EROSION CONTROL BLANKET	
	STORMWATER BOUNDARY	
	STORMWATER FLOW (Tc)	
	FACE OF LEDGE OUTCROP	
	BIRCH	
	MAPLE	
	TREE LINE	
	SITE LIGHTING (BAYSIDE FIXTURE)	
	STONE WALL	

PROPOSED GRADING & DRAINAGE PLAN

SCALE: 1"=10'-0"

CASCO BAY ENGINEERING
424 Fore Street
Portland, ME 04101
Phone 207.842.2800
Fax 207.842.2828
www.cascobayengineering.com

CLIENT:
LANDMARX CONSTRUCTION
273 PRESUMPSCOT ST
PORTLAND, ME 04103

5 MERRILL STREET

5 MERRILL ST PORTLAND, ME

PROPOSED BUILDING

ISSUED

No.	DESCRIPTION	DR. BY	CKD. BY	DATE
A	FOR REVIEW	AM	ED	8-25-16
B	FOR REVIEW	ED	ED	9-15-16

SHEET TITLE:
PROPOSED GRADING AND DRAINAGE PLAN

DESIGNED:	ED
DRAWN:	AR
DATE:	8-8-16
PROJECT NUMBER:	16-127

C102