

**DRAINAGE STRUCTURE SCHEDULE**

CB#G100  
RIM 118.45  
INV.IN (4") 115.74  
INV.OUT 115.64

CB#G101  
RIM 118.45  
INV.IN (8") 115.31  
INV.OUT 115.21

CB#G102  
RIM 118.45  
INV.IN (4") 114.92  
INV.IN (8") 114.92  
INV.OUT 114.82

**CB#G103 (OIL AND WATER SEPARATOR)**

RIM 118.65  
INV.IN (8") 114.52  
INV.OUT 114.42

**STORM DRAIN SCHEDULE**

SD NO.	PIPE TYPE	LENGTH	SLOPE
SD-G1	8" HDPE	65 L.F.	0.005 FT./FT.
SD-G2	8" HDPE	57 L.F.	0.005 FT./FT.
SD-G3	8" HDPE	60 L.F.	0.005 FT./FT.
SD-G4	8" HDPE	63 L.F.	0.005 FT./FT.

**GRADING NOTES:**

- DO NOT SCALE THESE DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS, NOTES AND SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT FOR FURTHER DIRECTION AND RESOLUTION BEFORE ADDITIONAL WORK PROCEEDS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION PRIOR TO ANY FURTHER WORK.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO EXCAVATION OF OR INSTALLATION OF ANY PART OF THIS WORK.
- CONTRACTOR SHALL AVOID ALL AREAS NOT REQUIRING GRADING. CONTRACTOR SHALL NOT DISTURB THESE AREAS.
- 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 DIGSAFE (1-888-344-7233) AT LEAST THREE BUSINESS DAYS BEFORE PERFORMING ANY CONSTRUCTION.
- CONTRACTOR SHALL CONDUCT TEST PIT EXCAVATION TO CONFIRM LOCATION OF EXISTING UTILITIES WHERE NEW BUILDING SANITARY SERVICE AND WATER SERVICE ARE PROPOSED.
- WHERE STORM DRAINS OR SEWER MAINS HAVE LESS THAN FOUR (4) FEET OF COVER BETWEEN TOP OF PIPE AND FINISH GRADE, INSULATE PIPE USING TWO (2) INCH THICK STYROFOAM INSULATION BOARD OVER AND ALONG SIDES OF THE PIPE.
- EXISTING DRAINAGE MANHOLES SHALL BE CORED TO ACCEPT NEW DRAINAGE PIPES AS NOTED.
- PIPE LENGTH EQUALS THE CENTER TO CENTER DISTANCES BETWEEN CATCH BASINS AND/OR MANHOLES MINUS ONE-HALF OF THE DIAMETER OF EACH CATCH BASIN OR MANHOLE.
- ROOF DRAIN CONNECTIONS SHALL BE CONFIRMED WITH FINAL BUILDING PLANS.
- ALL UTILITIES SHALL BE INSTALLED IN CONFORMANCE WITH INDIVIDUAL UTILITY DISTRICT REQUIREMENTS; CONTRACTOR SHALL COORDINATE INSTALLATION WITH APPROPRIATE UTILITY DISTRICT BEFORE INSTALLATION.
- ALL WORK WITHIN THE ROAD RIGHT-OF-WAY AND ALL UTILITIES CONNECTING TO INFRASTRUCTURE WITHIN THE ROAD SHALL MEET CITY OF PORTLAND TECHNICAL MANUAL STANDARDS.
- ELEVATIONS ARE ON CITY DATUM, BASED ON BENCH MARK AT 3' OFFSET MONUMENT UNDER COVER ON EASTERLY SIDE OF STEVENS AVENUE. BENCHMARK = 127.25
- GRADING FOR THE A.D.A. COMPLIANT PARKING SPACES TO THE A.D.A. BUILDING ENTRANCES SHALL COMPLY WITH ACCESSIBILITY REQUIREMENTS INCLUDING MAXIMUM 2% SLOPE IN ANY DIRECTION AND SURFACE TREATMENT. ANY REPAIRS TO ACHIEVE COMPLIANCE SHALL BE COMPLETED AT NO EXTRA EXPENSE TO THE OWNER.

**LEGEND**

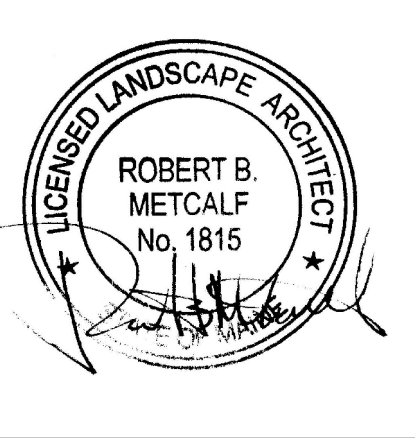
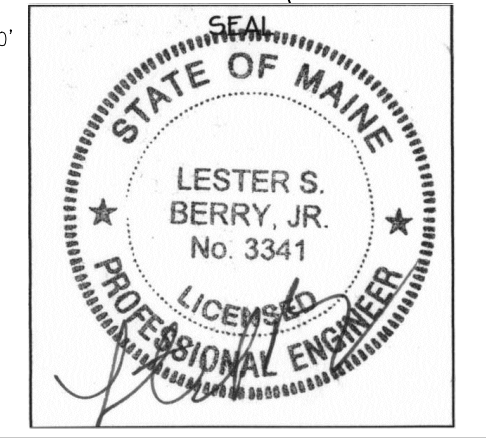
	EXISTING	PROPOSED
PROPERTY LINE		
GRANITE MONUMENT		
CATCHBASIN		
MANHOLE		
HYDRANT		
UTILITY POLE		
WATER VALVE		
SANITARY SEWER		
STORM DRAIN		
WATER		
TELEPHONE		
GAS		
OVERHEAD WIRES		
CMP CABLE LINES		
FOUNDATION DRAIN		
CLEAN OUT		
CURB		
FENCE		
SIGN		
DECIDUOUS TREE		
EVERGREEN TREE		
CONTOUR		
SPOT ELEVATION		
WALL MOUNTED LIGHT		
POLE MOUNTED LIGHT		

Prepared For:  
 Owner:  
 Home For The Aged  
 777 Stevens Avenue  
 Portland, Maine 04103  
 Tel.: 207-797-7710  
 Applicant:  
 The Park Danforth  
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 Prepared By:  
 MITCHELL & ASSOCIATES  
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**The Park Danforth**  
 Portland, Maine  
 777 Stevens Avenue

Date: OCTOBER 17, 2014  
 Issued For: PERMITTING  
 Revisions:  
 NOV. 25, 2014: Per City of Portland Staff Review Comments  
 Title: GRADING PLAN: GARAGE LEVEL

Scale: 1"=30'  
  
 North:   
 Sheet No.: L3.1



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