

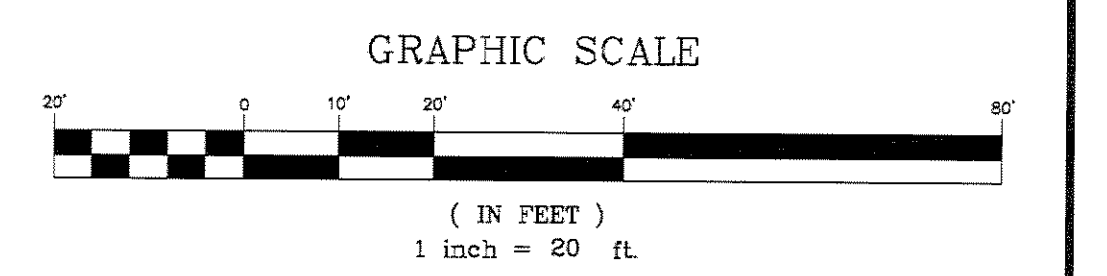
- GRADING & DRAINAGE NOTES:**
- PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
 - CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
 - CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES AND PLANTING BEDS.
 - CONTRACTOR TO ADJUST EXISTING AND PROPOSED UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, UTILITY MANHOLES, CATCH BASINS, INLETS, ETC) THAT ARE AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
 - WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
 - CONTRACTOR SHALL PROVIDE A FINISHED PAVEMENT SURFACE FREE OF LOW SPOTS AND PONDING AREAS.
 - ALL WALKS SHALL HAVE A 2% MAX. CROSS SLOPE.
 - OWNER'S REPRESENTATIVE SHALL APPROVE LAYOUT OF ALL DRAINAGE STRUCTURES PRIOR TO INSTALLATION.
 - ALL DRAINAGE PIPE NOT CALLED OUT ON THE DRAWINGS SHALL BE SMOOTH INTERIOR, CORRUGATED EXTERIOR, HDPE, N-12 AS MANUFACTURED BY ADS OR APPROVED EQUAL.
 - ALL DRAINAGE PIPE WITH LESS THAN 2 FT. OF COVER SHALL BE INSULATED. ALL ROOF LEADER CONNECTION PIPES SHALL BE INSULATED FROM FINISHED GRADE UNTIL DRAIN PIPE ELEVATION REACHES DEPTH OF 4 FT. SEE TYPICAL TRENCH DETAIL ON DETAIL SHEETS FOR INSULATION REQUIREMENTS.
 - STORMWATER PUMP STATION - PUMP SELECTION SPECIFIED BY TITAN MECHANICAL, CONTRACTOR TO PROVIDE CONDUIT AND ELECTRICAL POWER FROM PUMP STATION TO CONTROL PANEL LOCATED IN THE BUILDING PER MECHANICAL/ELECTRICAL PLANS.
 - THE CONTRACTOR SHALL INSTALL CATCH BASIN INLET PROTECTION AT ALL CATCH BASIN INLETS WITHIN THE DISTURBED AREA AND BE RESPONSIBLE FOR TAKING ALL NECESSARY EROSION CONTROL MEASURES. SEE SHEET C-300.
 - ALL UNSUITABLE AND UNUSED MATERIALS WHICH CAN NOT BE DISPOSED OF ON SITE SHALL BE REMOVED AND DISPOSED OF OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS.
 - SEE SHEET C-300 FOR EROSION CONTROL NOTES, SEQUENCE AND DETAILS.
 - REFER TO DRAWINGS C-100 THRU C-104, C-300-304, ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS AND THE PROJECT MANUAL FOR ADDITIONAL INFORMATION.

DRAINAGE STRUCTURE SCHEDULE

ID (INLINE DRAIN)	CB#2 (CATCH BASIN)	PUMP STATION
RIM = 125.4 INV. OUT=122.5	RIM=127.0 INV. IN=122.0 INV. OUT=122.0	RIM = 126.8 INV. IN = 116.75 (SOUTH) INV. IN = 117.34 (NORTH) INV. IN = 113.46 (EAST) INV. OUT=121.30 (FORCE MAIN)
CB#1 (CATCH BASIN) RIM = 126.2 INV. IN=122.5 INV. OUT=122.5	CB#5 (CATCH BASIN) RIM=125.8 INV. IN=121.88 INV. IN = 121.88 INV. OUT=121.78	

LEGEND

EXISTING	PROPOSED
CHILLED WATER SUPPLY & RETURN	



THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SYTDesign Consultants, ANY ALTERATIONS, OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SYTDesign Consultants.

REV.	DATE	STATUS	BY	CHKD.	APPD.	REV.	DATE	STATUS	BY	CHKD.	APPD.
G	1/24/08	PERMIT SET	PBB	PBB	TWS						
F	12/20/07	SUBMITTED TO THE CITY OF PORTLAND FOR SITE PLAN REVIEW	PBB	PBB	TWS						
E	12/6/07	ISSUED FOR DESIGN DEVELOPMENT	PBB	PBB	TWS						
D	11/27/07	ISSUED TO ARCHITECT FOR CHECK SET	PBB	PBB	TWS						
						1	2/8/08	ISSUED FOR BID NOT FOR CONSTRUCTION	PBB	PBB	TWS
B	10/19/07	ISSUED FOR SCHEMATIC DESIGN	PBB	PBB	TWS						
A	10/12/07	SUBMITTED TO THE CITY OF PORTLAND CITY FOR SITE PLAN REVIEW	PBB	PBB	TWS	H	2/5/08	REVISED AND SUBMITTED TO THE CITY OF PORTLAND FOR SITE PLAN REVIEW	PBB	PBB	TWS

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DESIGN: PBB	COLLEGE OF PHARMACY 716 STEVENS AVENUE, PORTLAND, MAINE 04103
DRAWN: DAM	
CHKD: TWS	
DATE: AUGUST 2007	GRADING, DRAINAGE AND EROSION CONTROL PLAN
SCALE: 1" = 20'	PROJ. NO. 06-216.08
	DWG. NO. C-102

Drawing Name: P:\WORK\PROJECTS\2108 USC - College of Pharmacy\2108 USC - Plan Building\Plan Building.dwg, Date: 7/28/08, 8:18 AM