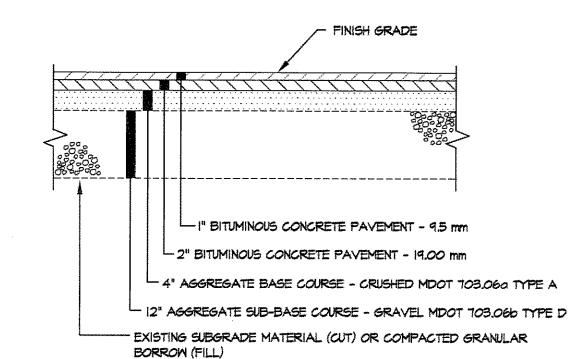
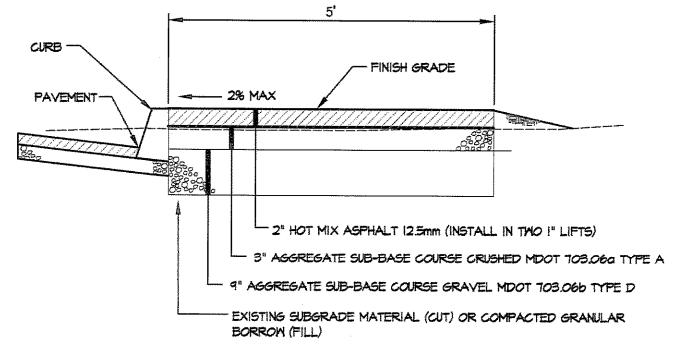


- 1. ADDITIONAL SUBBASE GRAVEL AND/OR GEOTEXTILES MAY BE REQUIRED DURING CONSTRUCTION IF SOIL CONDITIONS WARRANT.
- 2. BUILD-UP RECOMMENDATION IS PRELIMINARY REFER TO GEOTECHNICAL



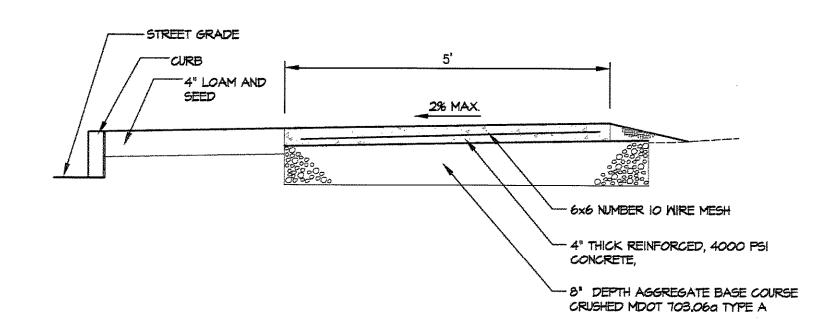
PARKING AREAS AND DRIVE BUILD-UP SCALE: NTS



WALKWAY BUILD-UP (BITUMINOUS CONCRETE) SCALE NTS

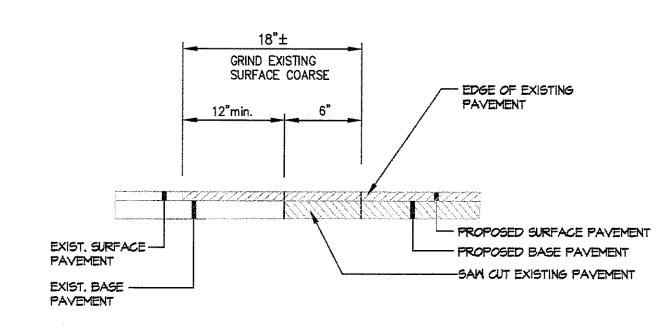
### NOTES:

- I. SIDEMALK CONSTRUCTION TO CONFORM TO THE CITY OF PORTLAND REQUIREMENTS FOR CONCRETE SIDEMALKS,
- 2. PROVIDE A BROOM FINISH PERPENDICULAR TO TRAFFIC FLOW.
- 3. PROVIDE FULL DEPTH CONTROL JOINTS EVERY 5 FT.
- 4. PROVIDE FULL DEPTH JOINTS WHERE PAVEMENT ABUTS STRUCTURES AND VERTICAL SURFACES. SEAL ALL EXPANSION JOINTS WITH WATERPROOF



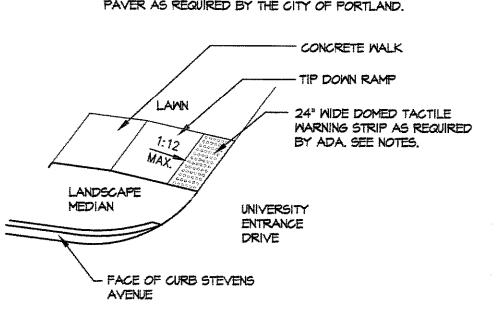
CONCRETE SIDEWALK (STEVENS AVENUE)

NOTES:



PAVEMENT BUTT JOINT

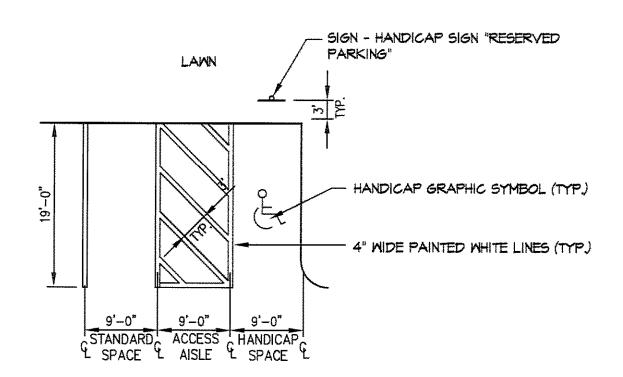
- I. DIMENSIONS SHOWN AT EDGE OF ROAD ARE FIXED.
- 2. RAMP CROSS SECTION TO BE THE SAME AS ADJACENT SIDEMALK; I.E. DEPTH OF SURFACE AND FOUNDATION.
- 3. DIMENSIONS ARE SUBJECT TO CHANGE IN FIELD, ALL SLOPES AND DIMENSIONS TO COMPLY WITH A.D.A. REQUIREMENTS.
- 4. DOMED TACTILE WARNING STRIP TO BE DETECTABLE WARNING PAVER AS REQUIRED BY THE CITY OF PORTLAND.



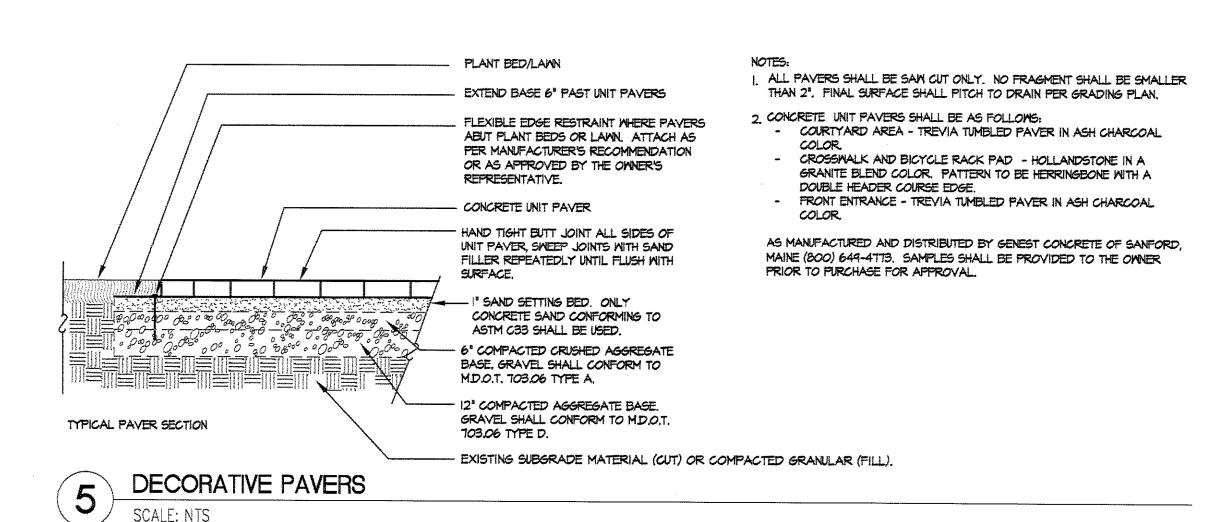
**WALKWAY TIP DOWN** 

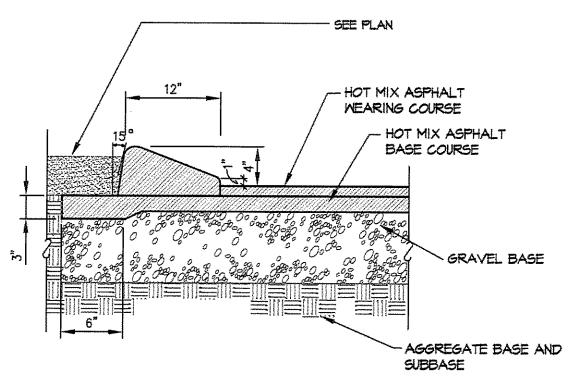
SCALE: N.T.S.

- I. SYMBOLS AND PARKING STALLS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. ALL PAINT SHALL BE FAST DRYING TRAFFIC PAINT WITH SILICA SAND
- 2. FOR SKID RESISTANCE, MEETING THE REQUIREMENTS OF ASHTO M248-TYPE N. PAINT SHALL BE APPLIED AS SPECIFIED BY THE MANUFACTURER,



HANDICAP PARKING SPACE LAYOUT (2)

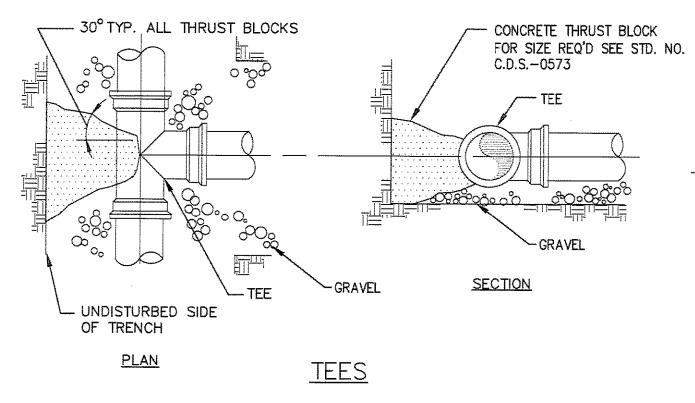




CAPE COD ASPHALT BERM SCALE: N.T.S

# NOTES: CONTRACTOR TO RESET GRANITE CURB PER CITY OF PORTLAND CURB REPLACEMENT STANDARDS. VERTICAL GRANITE CURB WITH SPLIT FACE FINISH GRADE FINISH GRADE PAVEMENT 6" CRUSHED AGGREGATE BASE COURSE - MDOT 703.06a TYPE A.

VERTICAL GRANITE CURB REPLACEMENT



-FILL W/ CONC.

CROWN CAP TO SHED WATER.

-6" O.D. SCHED. 40 A-53 TYPE E OR S GRADE B STEEL PIPE

- SLOPE AWAY FROM TUBE 1/4" PER

-FINISH GRADE

3000 P.S.I. CONC.

FT. ON ALL SIDES

18" MIN

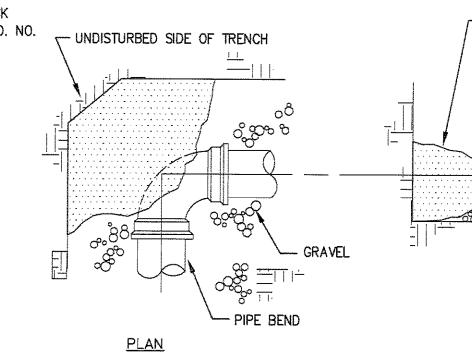
STEEL PROTECTIVE BOLLARD

FINISH SHALL BE COMPRISED OF ONE COAT

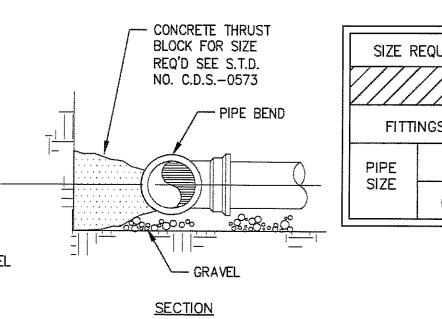
RUST INHIBITING PRIMER AND TWO COATS OF

GLOSS YELLOW TOPCOAT, PRIMER AND

TOPCOAT TO BE COMPATIBLE COATING



<u>BENDS</u>



	SIZE REQUIREMENTS FOR CONCRETE THRUST BLOCKS								
***			BEARING ON UNDISTURBED SOIL (SQUARE FT.)						
	FITTI	NGS	90° BENDS	45° BENDS	TEES & PLUGS				
	PIPE SIZE	4"	2.0	1.0	1.0				
		6"	3.0	2.0	2.0				
L									

TYPICAL WATER LINE THRUST BLOCK PLACEMENT

## 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 C

	i Elian i Zolitaji o	THERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO STIDESIGN CONSULTANTS	<b>.</b>								
G	12/20/07	SUBMITTED TO THE CITY OF PORTLAND FOR SITE PLAN REVIEW	WTE	PBB	TWS						
F	12/06/07	ISSUED FOR DESIGN DEVELOPMENT	WTE	PBB	TWS						
E	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
_	_	_	_	_	_						
С	10/19/07	ISSUED FOR SCHEMATIC DESIGN	PBB	PBB	TWS	J	2/5/08	REVISED AND SUBMITTED TO THE CITY OF PORTLAND FOR SITE PLAN REVIEW	PBB	PBB	TWS
В	10/12/07	REVISED AND SUBMITTED TO THE CITY OF PORTLAND FOR SITE PLAN REVIEW	PBB	PBB	TWS		1/24/08			PBB	-
A	09/04/07	SUBMITTED FOR SITE PLAN REVIEW	DAM	PBB	TWS	Н	1/15/08	REVISED PER CITY OF PORTLAND PEER REVIEW COMMENTS	PBB	<b>-</b>	TWS
RE∖	. DATE	STATUS	BY	CHKD.	APPD.	REV.	1	STATUS	BY		APPD.

P.O. Box 86A  160 Longwoods Road  CIVIL ENGINEER ING & LANDSCAPE ARCHITECTURE  P.O. Box 86A  160 Longwoods Road  Cumberland, Maine 04021  tel.207.829.6994 fax.207.829.2231		DESIGN: JAV DRAWN: JAV	COLLEGE OF PHARMACY 716 STEVENS AVENUE, PORTLAND, MAINE 04103  SITE DETAILS		
		CHKD: ADJ			
UNIVERSITY OF	DATE: OCTOBER 2007	PROJ. NO.	06-21608 RE		
11 HILLS BEACH ROAD, B	SCALE: N.T.S.	DWG. NO.	C-301		