

DATE OF APPROVAL: 1/06/2017
 PLANNER: Mathew Edoms
 PROJECT NO: 2017-185



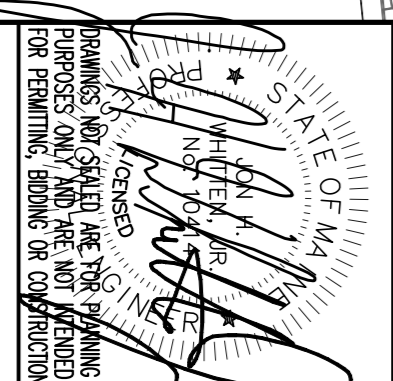
CITY OF PORTLAND
 APPROVED SITE PLAN
 Subject to Conditions of Approval

REVISIONS		
NO.	DATE	DESCRIPTION
1	3-9-17	REVISED PER PWD REVIEW COMMENTS
2	5/12/17	REVISED PER CITY REVIEW COMMENTS
3	10/10/17	ADDED DRYWELL SYSTEM

PROJECT NAME:
 5-7 CUMBERLAND AVE.
 & 30 MERRILL STREET
 PORTLAND MAINE
 SHEET NAME:
 REVISED SPOT GRADES

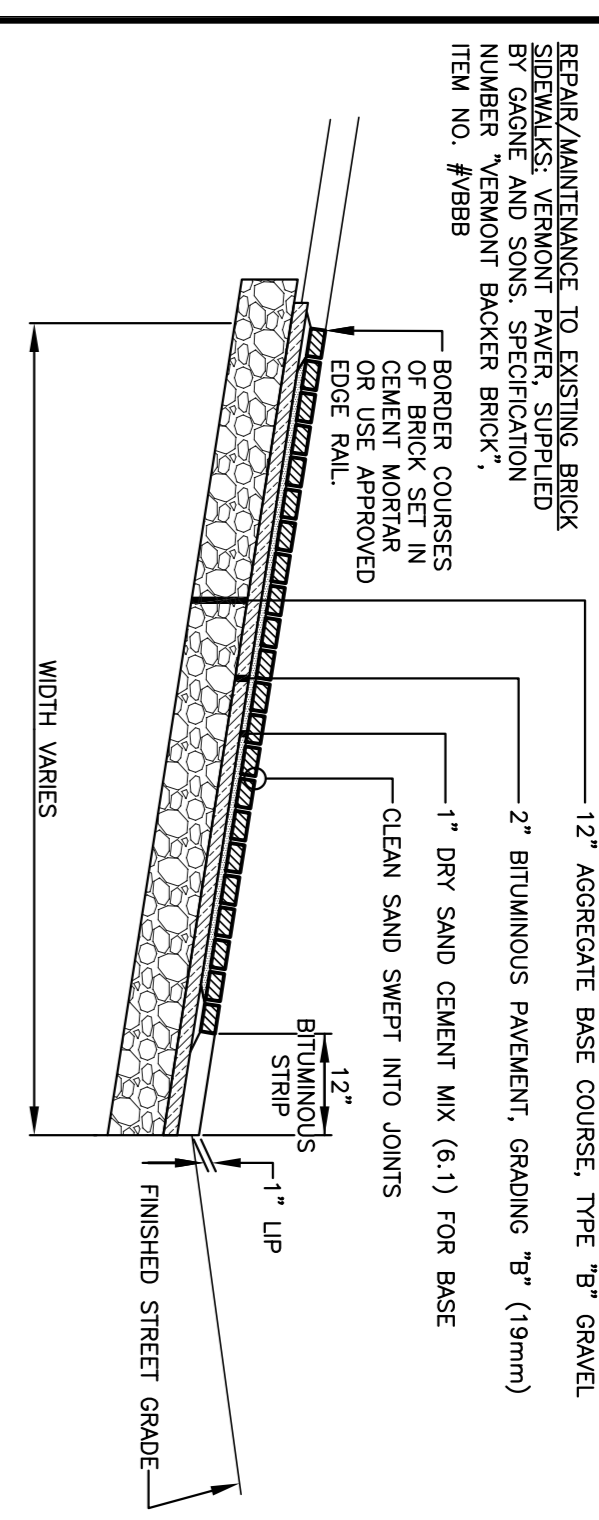
DESIGNED: ARCHITECT
 DRAWN: JHW
 CHECKED: JHW
 APPROVED: JHW
 PLAN DATE: FEB. 22, 2017
 CLIENT & OWNER:
 BANNER PROPERTIES, LLC
 126 UNDERWOOD DRIVE
 FALMOUTH, ME 04105

Plymouth Engineering, Inc.
 P.O. Box 46 30 Lower Detroit Road
 Plymouth, Maine 04969
 Tel: (207) 257-2071 Fax: (207) 257-2130
 info@plymouthengineering.com
 www.plymouthengineering.com

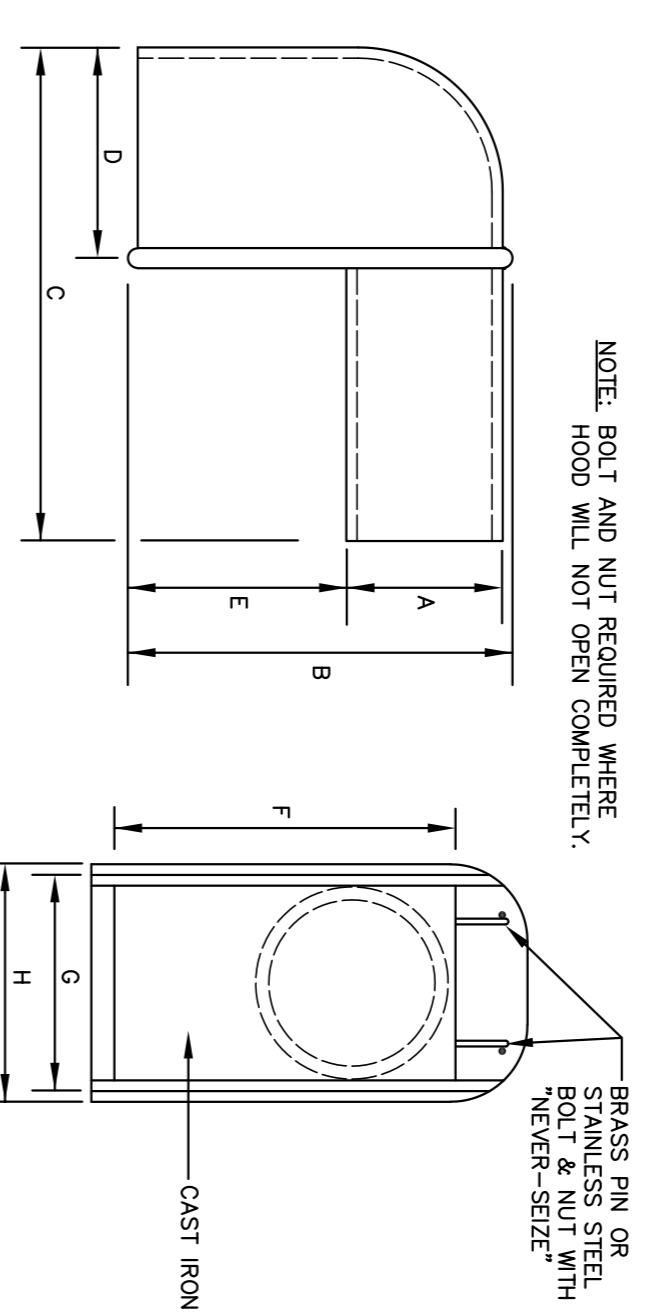


PROVISIONS AND STANDARDS FOR THE PLANNING PROCESS ONLY AND ARE NOT BEING USED FOR PERMITS, BIDDING OR CONSTRUCTION
 SHEET 2 OF 5
C2

BRICKS TO BE USED:
 NEW CONSTRUCTION:
 4"x8" PINE HALL PATHWAY PAVEN
 BRICK, MFG. BY PINE HALL BRICK CO.
 ITEM #19392, PINE HALL PATHWAY
 PAVEN BRICK.
 REPAIR/MAINTENANCE TO EXISTING BRICK
 SIDEWALKS: VERMONT PAVEN SUPPLIED
 BY GANE AND SONS, SPECIFICATION
 NUMBER VERMONT BOKER BRICK*,
 ITEM NO. #989B



BRICK DRIVEWAY APRON WITH BITUMINOUS BASE
 NOT TO SCALE



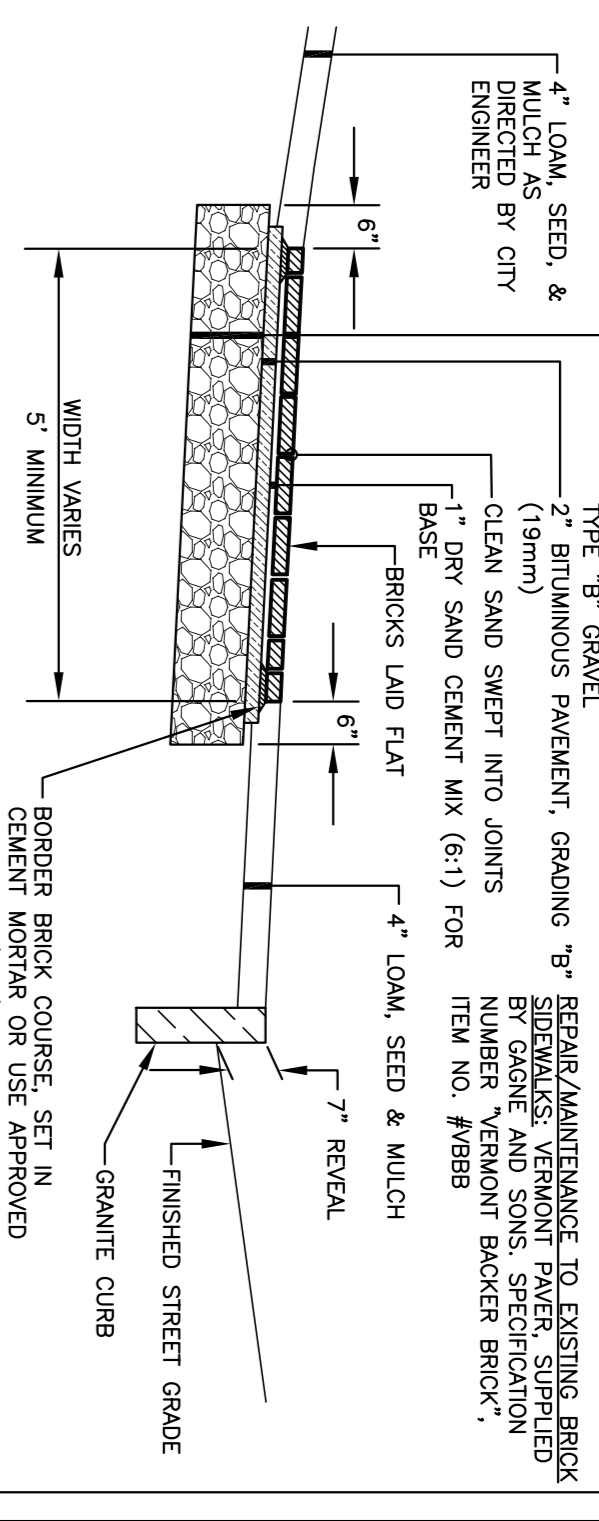
SIZE	A	B	C	D	E	F	G	H
6 IN.	5 1/2"	13 3/8"	13 3/4"	5 3/8"	5 7/8"	11 5/8"	8 1/2"	7 1/4"
8 IN.	7 1/2"	15"	15 3/8"	5 1/2"	5 3/8"	13 3/4"	8 3/4"	9 3/8"
10 IN.	9 1/2"	16 1/2"	16 3/4"	6"	4 1/2"	14 7/8"	11 1/2"	12 3/8"
12 IN.	11 1/2"	17 1/2"	17 3/4"	6 1/2"	5 1/2"	17"	12 1/2"	13 3/8"

CASCO TRAP
 NOT TO SCALE

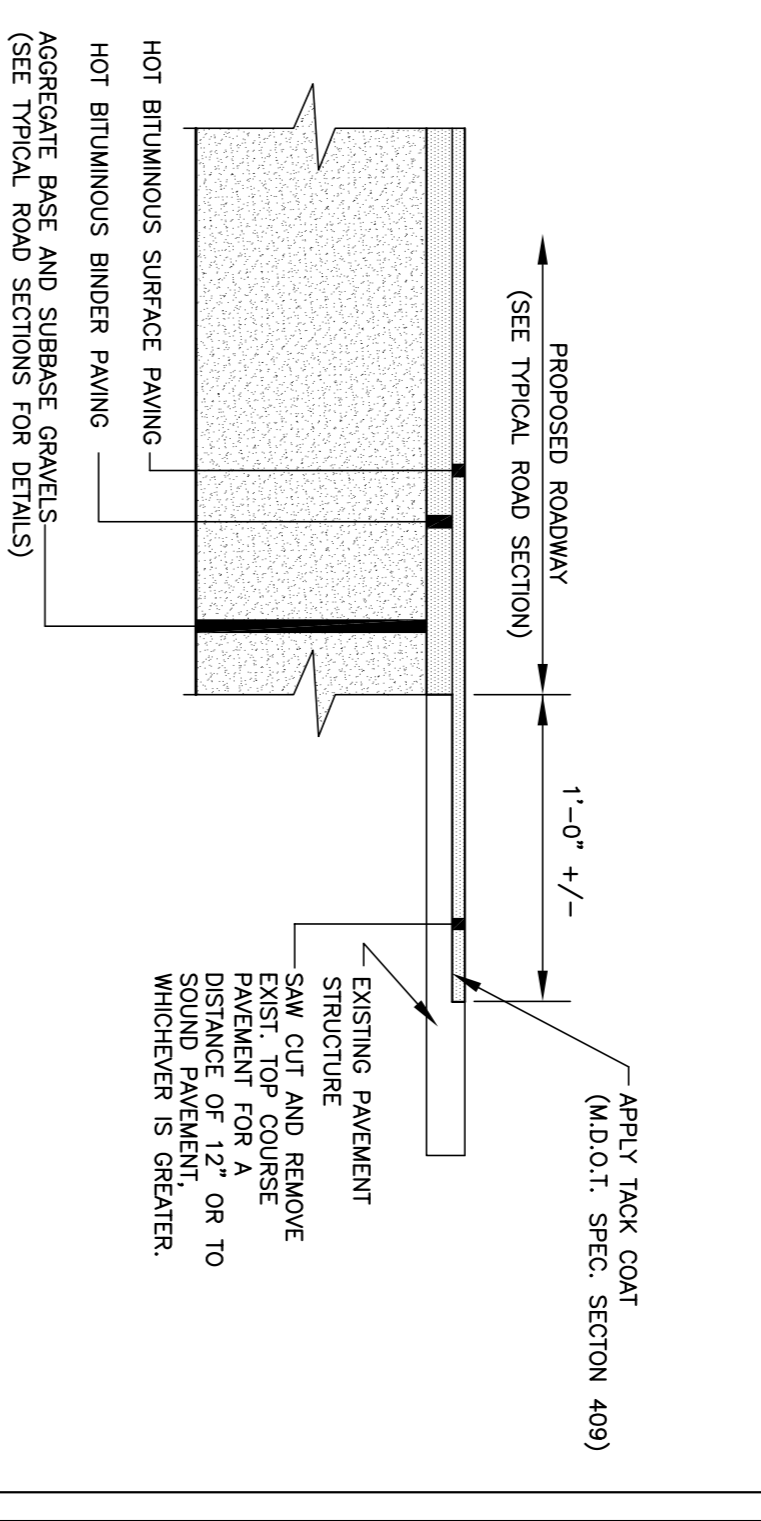
- NOTES:
 1. 4"x8" IS TYPICAL. SOME STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SLOPE DRAWINGS.
 2. DRAINAGE STRUCTURES TO BE DESIGNED FOR H-20 LOADING.
 3. PIPE SIZES AND INVERTS AS NOTED ON PLANS.
 4. CAST IRON MANHOLE AND COVER TO BE ETHERIDGE FOUNDRY S248.
 5. DRAINAGE MANHOLE FRAME AND COVER TO BE ETHERIDGE FOUNDRY M248S OR APPROVED EQUAL. COVER SHALL BE MARKED "DRINK".

TYPICAL CATCH BASIN
 NOT TO SCALE

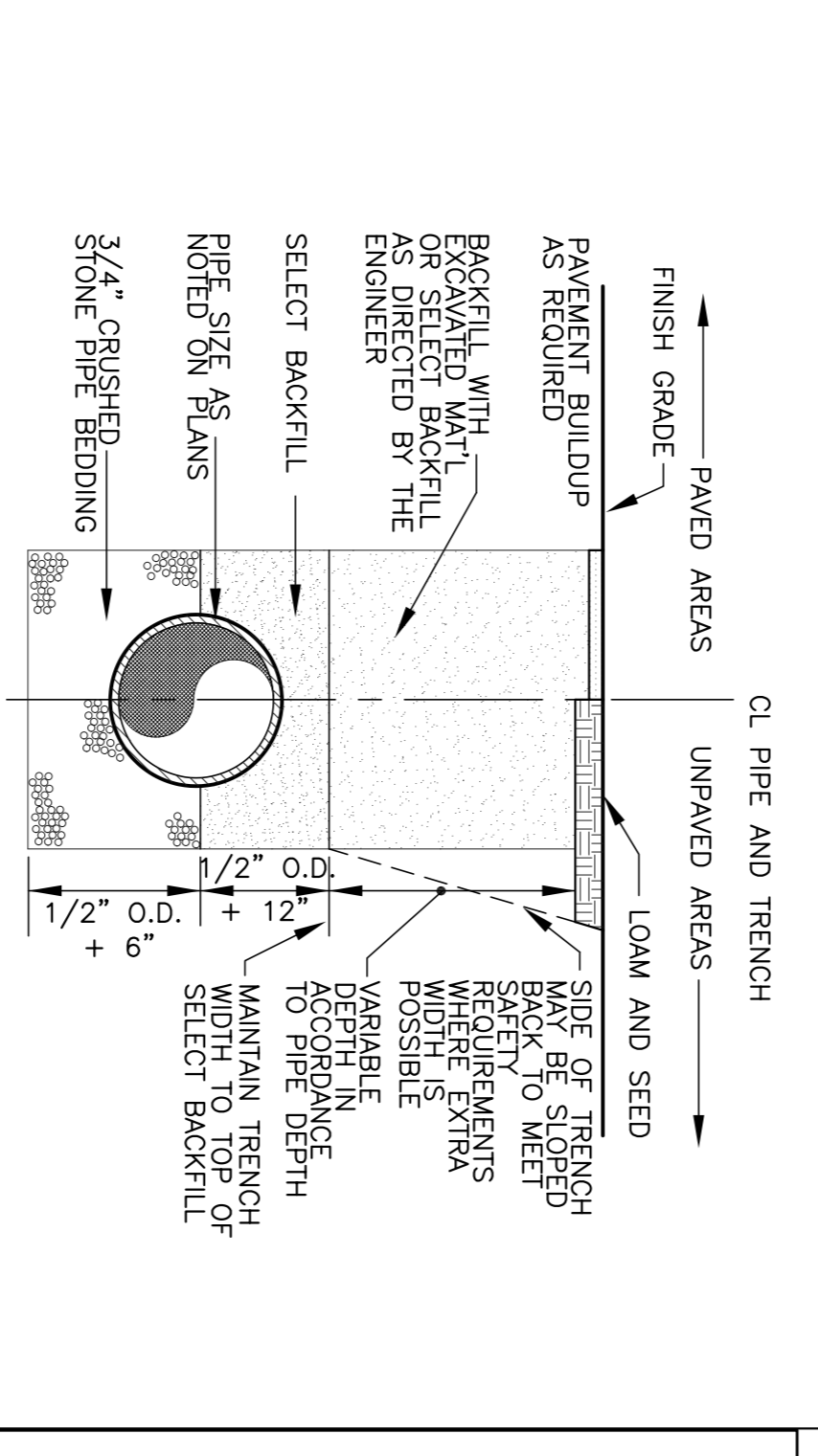
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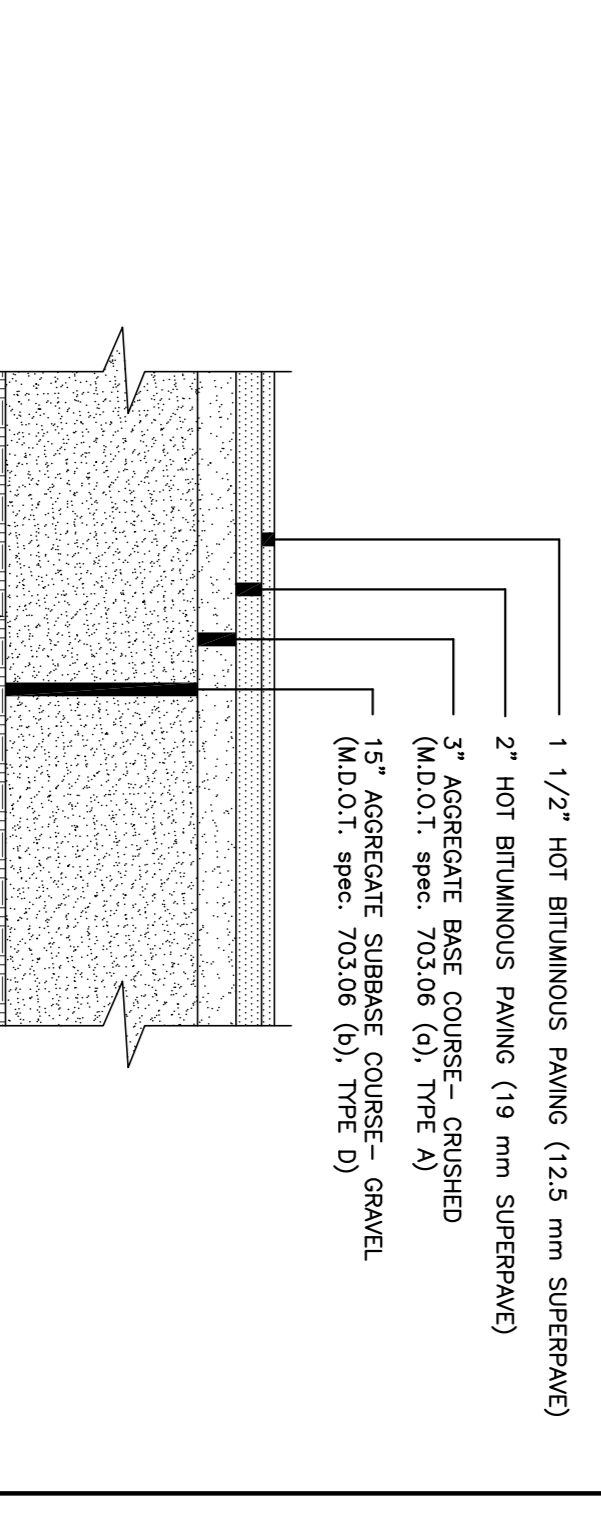
BRICK SIDEWALK WITH BITUMINOUS BASE
 NOT TO SCALE



TYPICAL PAVEMENT JOINT
 NOT TO SCALE

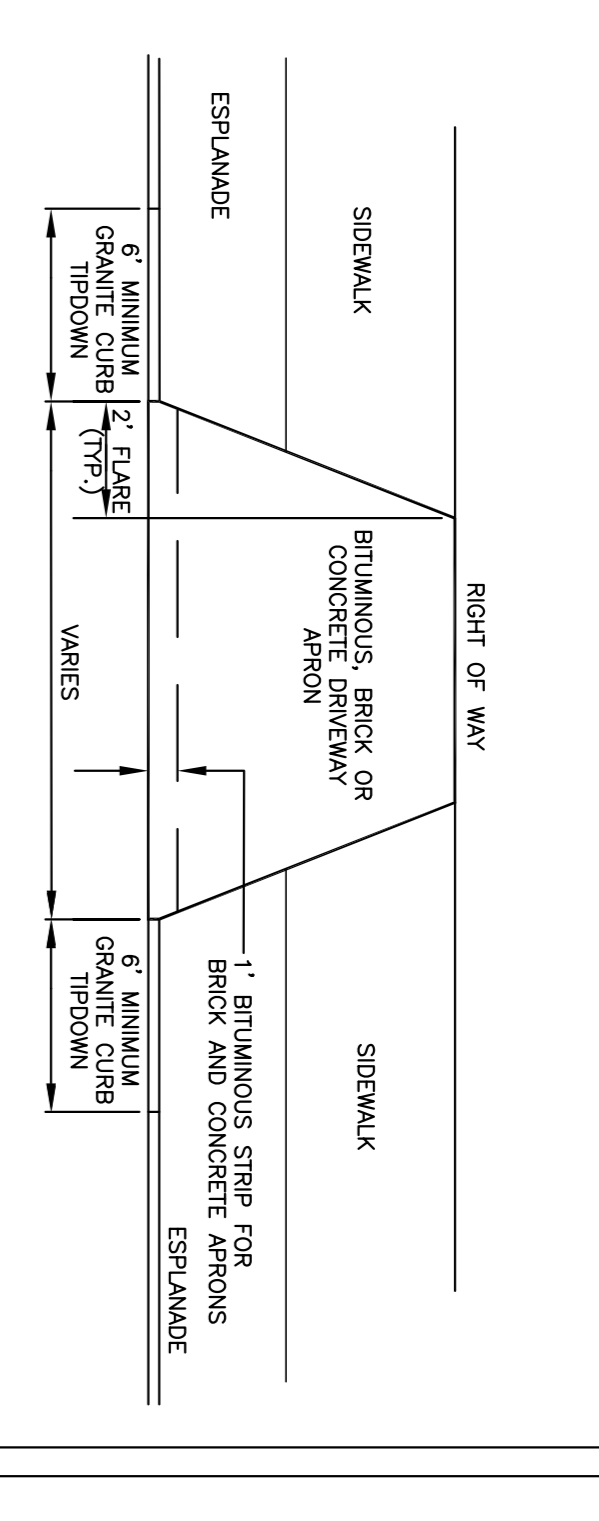


TYPICAL TRENCH SECTION
 NOT TO SCALE

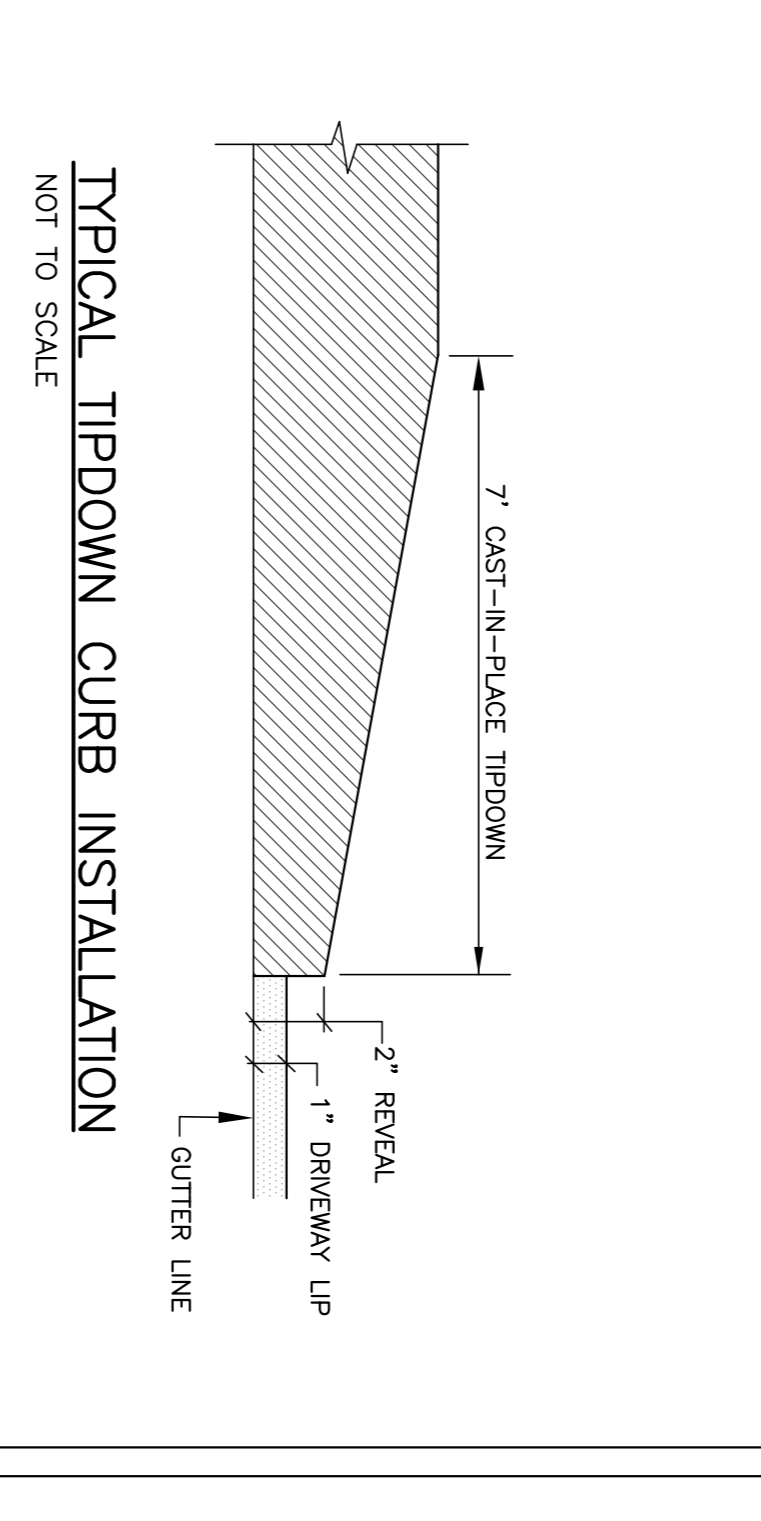


CITY OF PORTLAND LOCAL ST. SECTION
 NOT TO SCALE

NOTE:
 GRADE OF EXISTING DRIVEWAY AT R.O.W. LINE, EXCEPT WHERE DIRECT OTHERWISE BY CITY ENGINEER.



DRIVEWAY APRON LAYOUT
 NOT TO SCALE



TYPICAL TIPDOWN CURB INSTALLATION
 NOT TO SCALE

City of Portland Technical Manual
 Section 1 - Transportation Systems and Street Design
 Adopted 7-19-10 Rev. 6-17-11 7-21-11

BIKE HITCH

Specifications and Space Use

Product: Duro Ball Hitch
 Capacity: 2 Bikes
 Materials: Cast Iron
 Dimensions: 2" x 4" x 11" (approx)

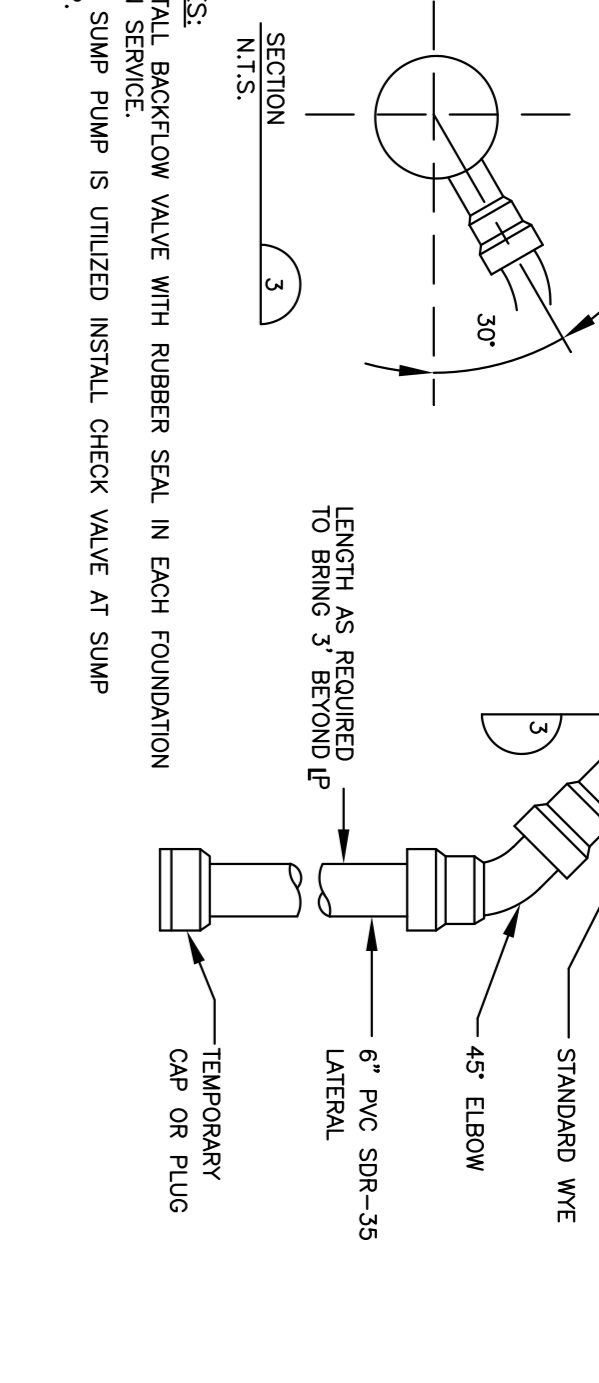
Installation: An alternative to the traditional bicycle rack, the Duro Ball Hitch is a compact, 200 lb. rated cast iron device that is designed to be installed in a concrete curb. It is a simple, easy-to-install device that provides a secure, stable mounting for bicycles. The Duro Ball Hitch is made of heavy-duty cast iron and is designed to last for many years. It is a simple, easy-to-install device that provides a secure, stable mounting for bicycles. The Duro Ball Hitch is made of heavy-duty cast iron and is designed to last for many years.

Notes:
 1. The Duro Ball Hitch is designed to be installed in a concrete curb. It is a simple, easy-to-install device that provides a secure, stable mounting for bicycles. The Duro Ball Hitch is made of heavy-duty cast iron and is designed to last for many years.

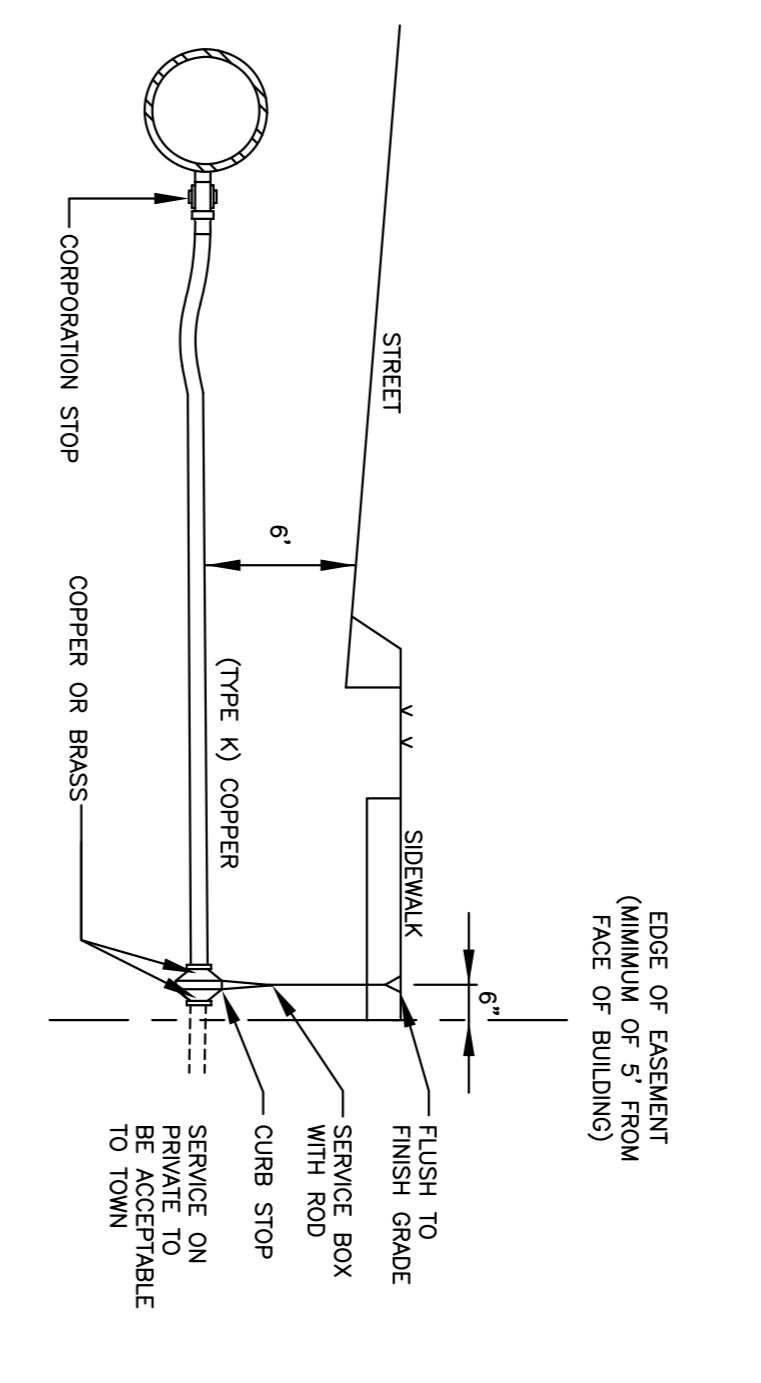
DATE: AUGUST 2009
 CITY OF PORTLAND, MAINE
 TRANSPORTATION SYSTEMS AND STREET DESIGN
 TECHNICAL STANDARDS MANUAL
 SECTION 1
 FIGURE: I-33a
 68

SEWER / FOUNDATION DRAIN SERVICE CONNECTION

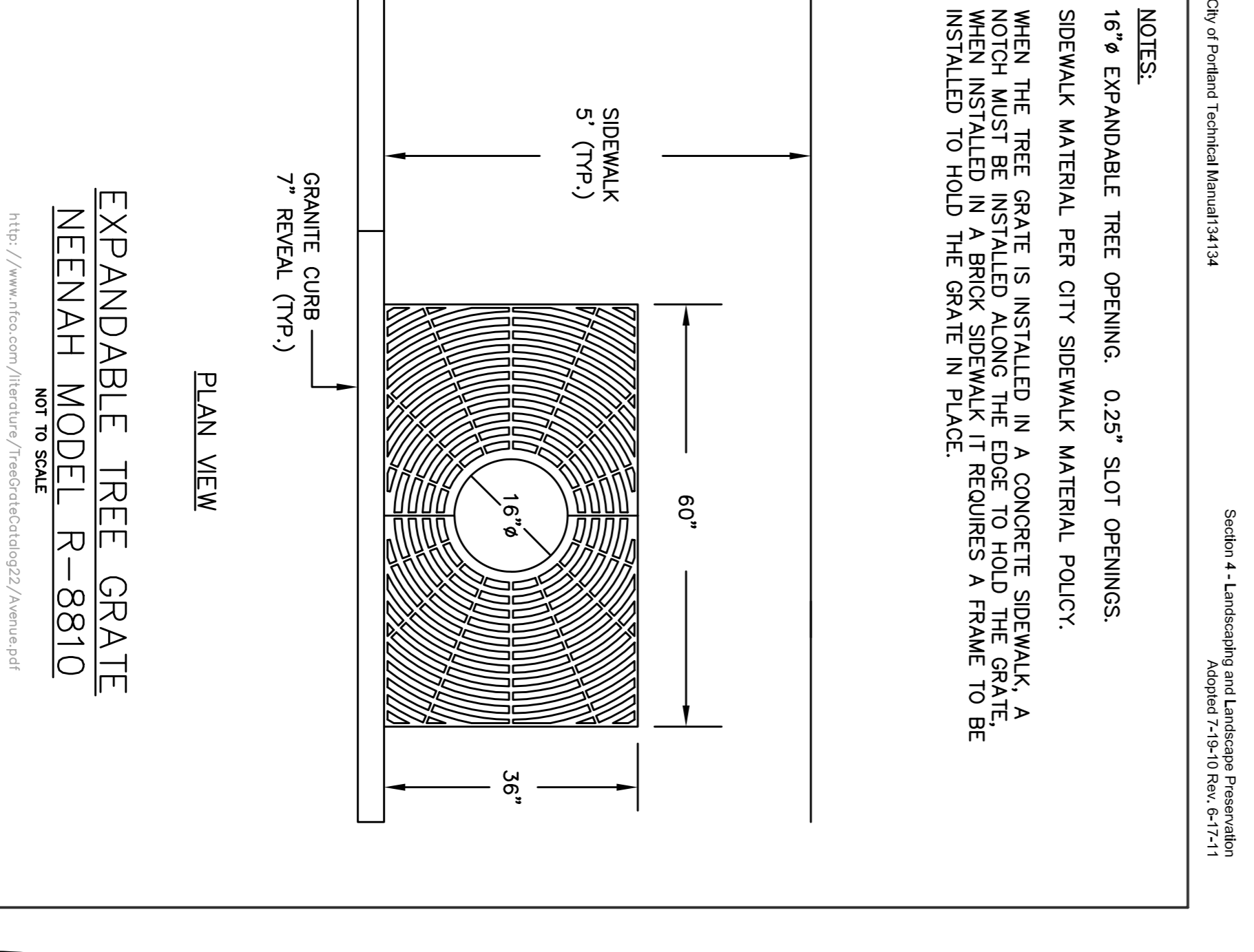
NOTES:
 1. INSTALL BACKFLOW VALVE WITH RUBBER SEAL IN EACH FOUNDATION DRAIN SERVICE.
 2. PRIVATE TO BE ACCEPTABLE TO TOWN.



SEWER / FOUNDATION DRAIN SERVICE CONNECTION
 NOT TO SCALE



TYPICAL WATER SERVICE CONNECTION
 NOT TO SCALE



EXPANDABLE TREE GRATE NEENAH MODEL R-8810
 NOT TO SCALE

PROJECT NAME: 5-7 CUMBERLAND AVE. & 30 MERRILL STREET

PORTLAND MAINE

SHEET NAME: DETAILS

DESIGNED:	ARCHITECT
PROJECT NO.:	17004
DRAWING NO.:	17004 B
CHECKED:	JHW
APPROVED:	JHW
PLAN DATE:	FEB. 22, 2017
DATE ISSUED:	
CLIENT & OWNER:	LANIER PROPERTIES, LLC 126 UNDERWOOD DRIVE FALMOUTH, ME 04105

Plymouth Engineering, Inc.
 P.O. Box 46 30 Lower Detroit Road
 Plymouth, Maine 04969
 Tel: (207) 257-2071 Fax: (207) 257-2130
 info@plymouthengineering.com
 www.plymouthengineering.com

DESIGNED FOR: ARCHITECT
 DRAWING NO.: 17004 B
 CHECKED: JHW
 APPROVED: JHW
 PLAN DATE: FEB. 22, 2017
 DATE ISSUED: _____

CLIENT & OWNER: LANIER PROPERTIES, LLC
 126 UNDERWOOD DRIVE
 FALMOUTH, ME 04105

STOS FOR LANDSCAPING AND PRESERVATION OF EXISTING VEGETATION
 SECTION IV
 EXPANDABLE TREE GRATE FOR NARROW RESIDENTIAL URBAN STREETS
 FIGURE: IV-4A
 134

DATE: MARCH 2011
 CITY OF PORTLAND, MAINE
 TECHNICAL STANDARDS MANUAL
 SECTION IV

DATE: AUGUST 2009
 CITY OF PORTLAND, MAINE
 TRANSPORTATION SYSTEMS AND STREET DESIGN
 TECHNICAL STANDARDS MANUAL
 SECTION 1

FIGURE: I-33a
 68

FIGURE: IV-4A
 134