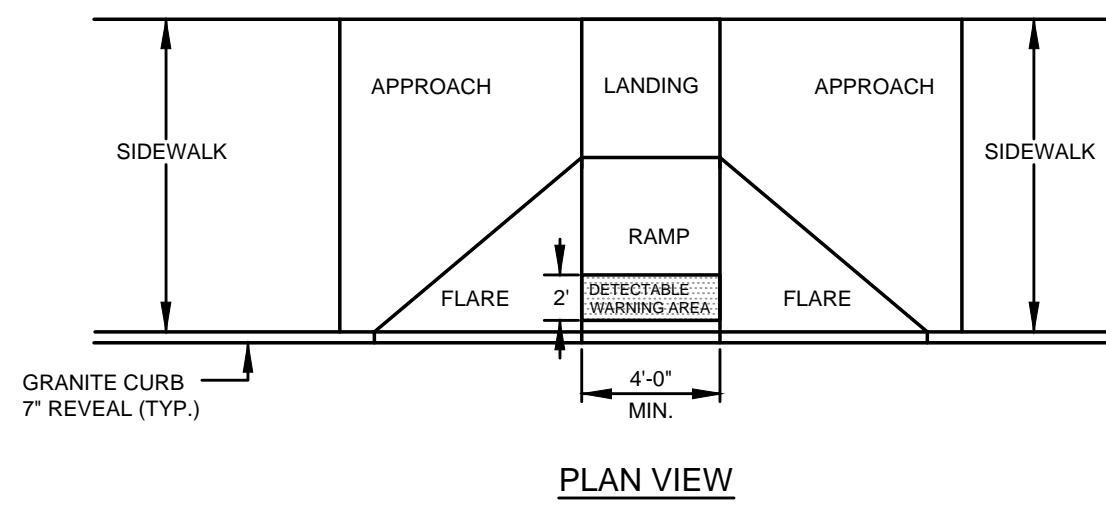


**NOTES:**  
ALL RAMPS SHALL COMPLY WITH ADA STANDARDS.  
GRANITE CURB ADJACENT TO RAMP SHALL BE FLUSH WITH STREET.

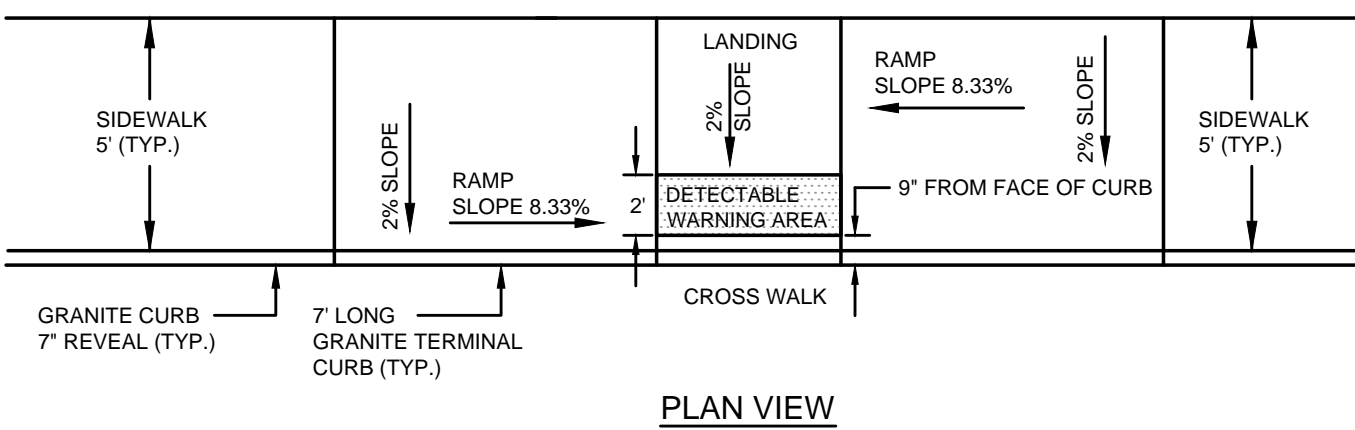
DESIGN ELEMENT	SLOPE IN DIRECTION OF TRAVEL	CROSS SLOPE
APPROACH	8.33% MAXIMUM	2%
LANDING	2%	2%
RAMP	8.33% MAXIMUM	MATCH STREET GRADE
FLARE	10% MAX. AT CURB FACE	-
SIDEWALK	MATCH STREET GRADE	2%



**PERPENDICULAR ADA RAMP LAYOUT FOR WIDE SIDEWALK WITH NO ESPLANADE**  
N.T.S.

(A)

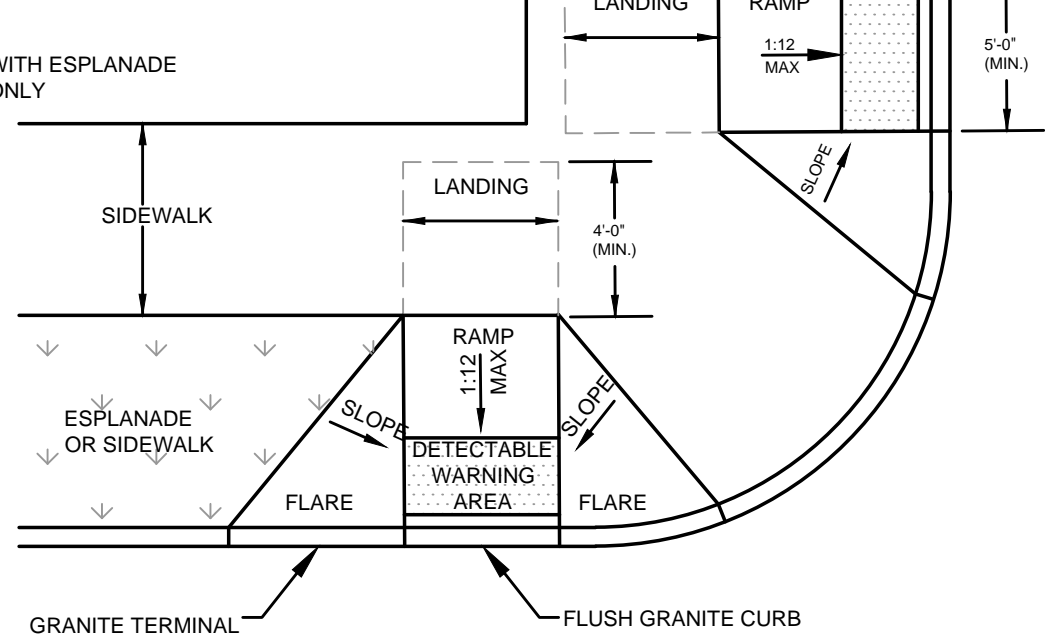
**NOTES:**  
ALL RAMPS SHALL COMPLY WITH ADA STANDARDS.  
GRANITE CURB ADJACENT TO LANDING SHALL BE FLUSH WITH STREET.  
SIDEWALK MATERIAL PER CITY SIDEWALK MATERIAL POLICY.



**PARALLEL ADA RAMP LAYOUT FOR NARROW SIDEWALK WITH NO ESPLANADE**  
N.T.S.

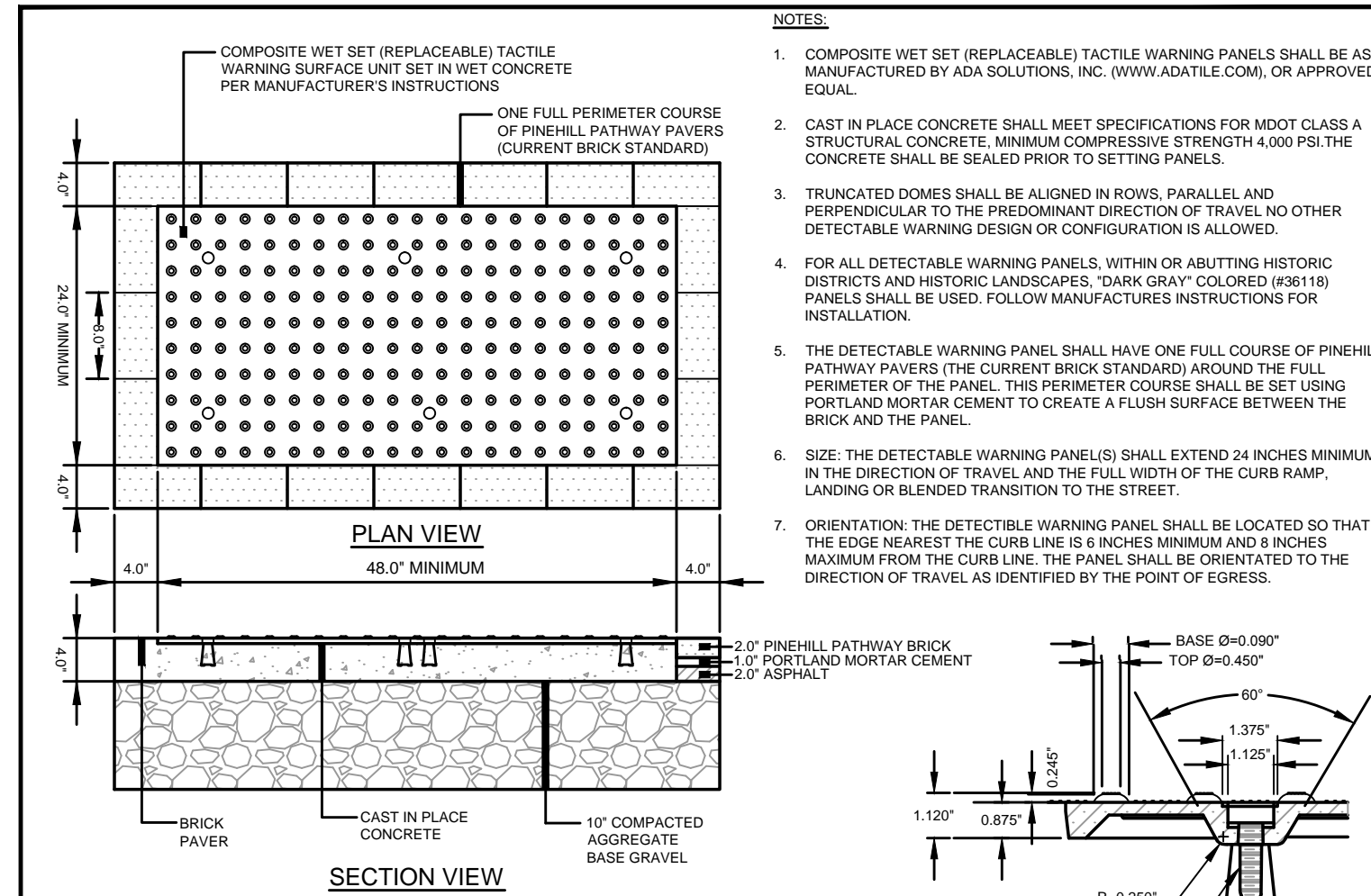
(B)

**NOTES:**  
ALL RAMPS SHALL COMPLY WITH ADA STANDARDS.  
LANDING AREA MAY BE REQUIRED BASED ON SIDEWALK DIMENSIONS.  
GRANITE CURB ADJACENT TO LANDING SHALL BE FLUSH WITH STREET.  
SIDEWALK MATERIAL PER CITY SIDEWALK MATERIAL POLICY.  
FLARED SECTIONS SHOULD MATCH THE SURFACE MATERIAL USED FOR THE SIDEWALK CONSTRUCTION.  
FLARE MINIMUM:  
4'-0" - SIDEWALK WITH ESPLANADE  
7'-0" - SIDEWALK ONLY



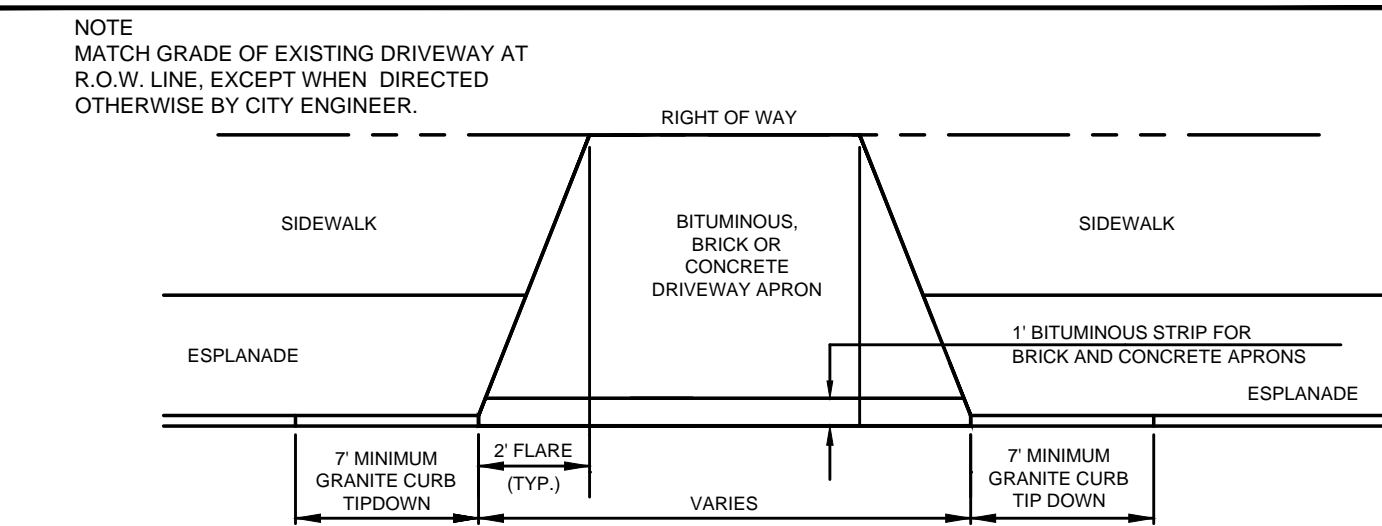
**PREFERRED SIDEWALK ADA RAMP AT INTERSECTION**  
N.T.S.

(C)



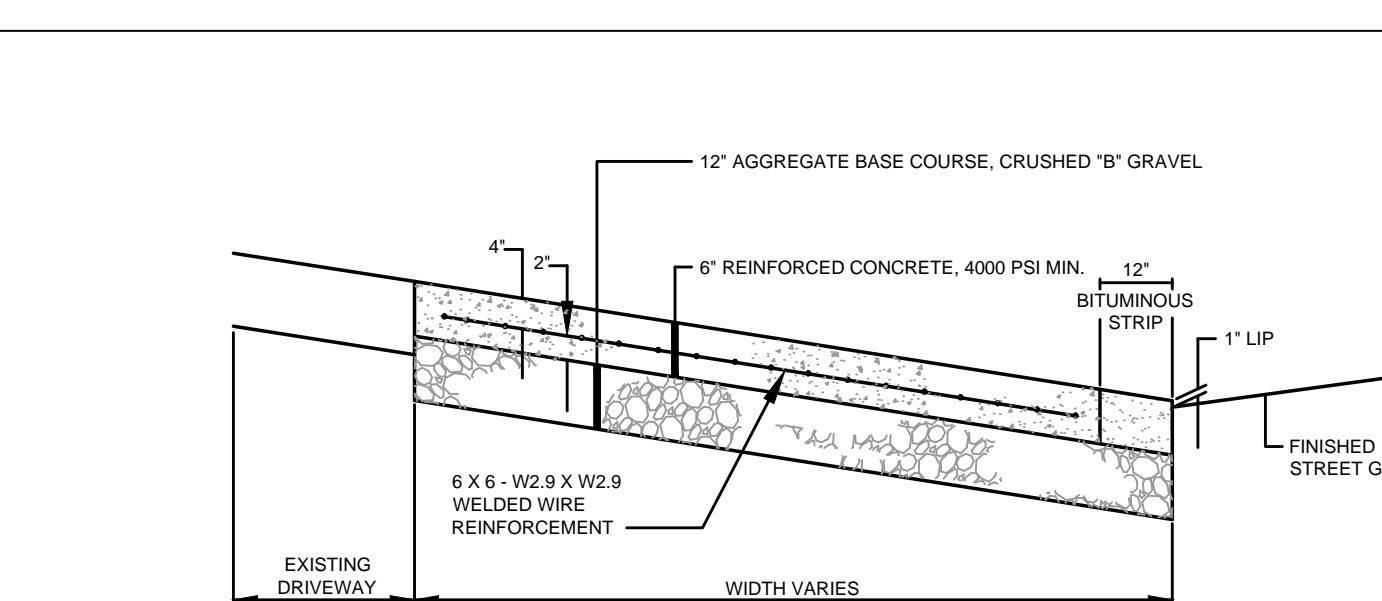
**SIDEWALK RAMP DETECTABLE WARNING TILE (HISTORIC DISTRICTS AND LANDSCAPES)**  
N.T.S.

(D)



**DRIVEWAY APRON LAYOUT**  
N.T.S.

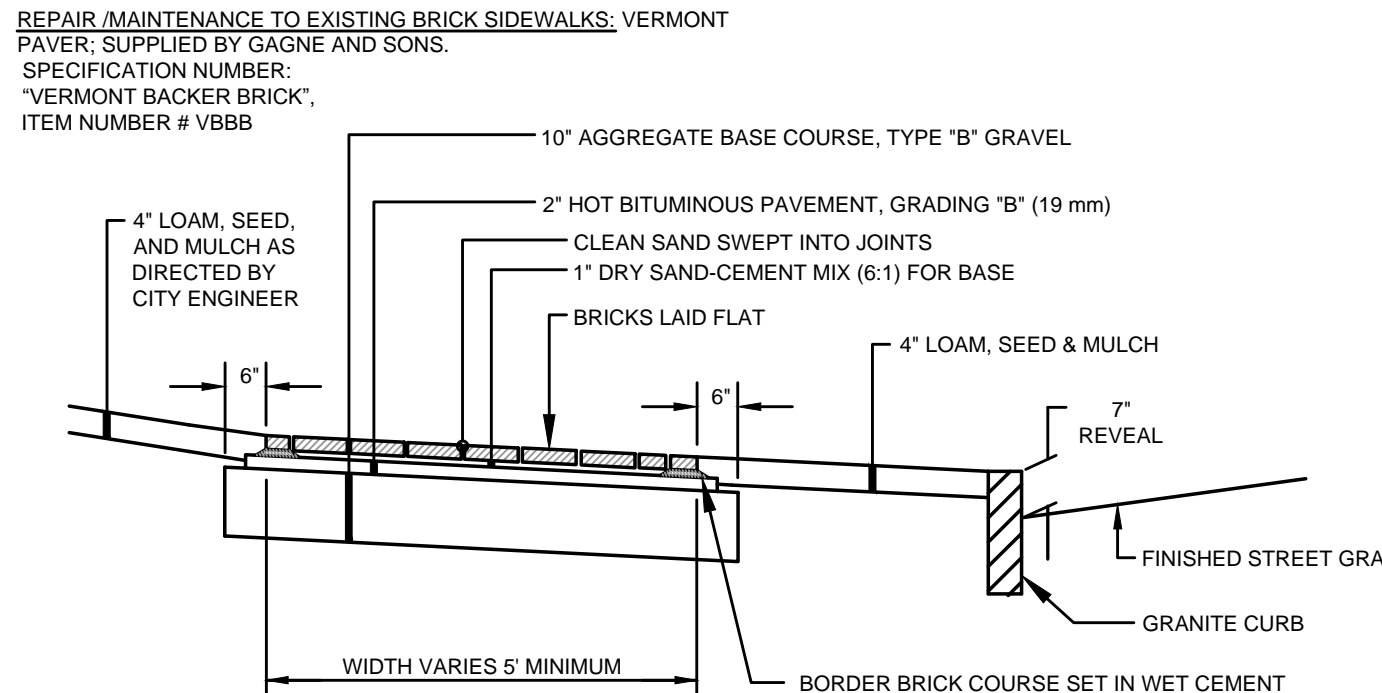
(F)



**REINFORCED CONCRETE DRIVEWAY APRON**  
N.T.S.

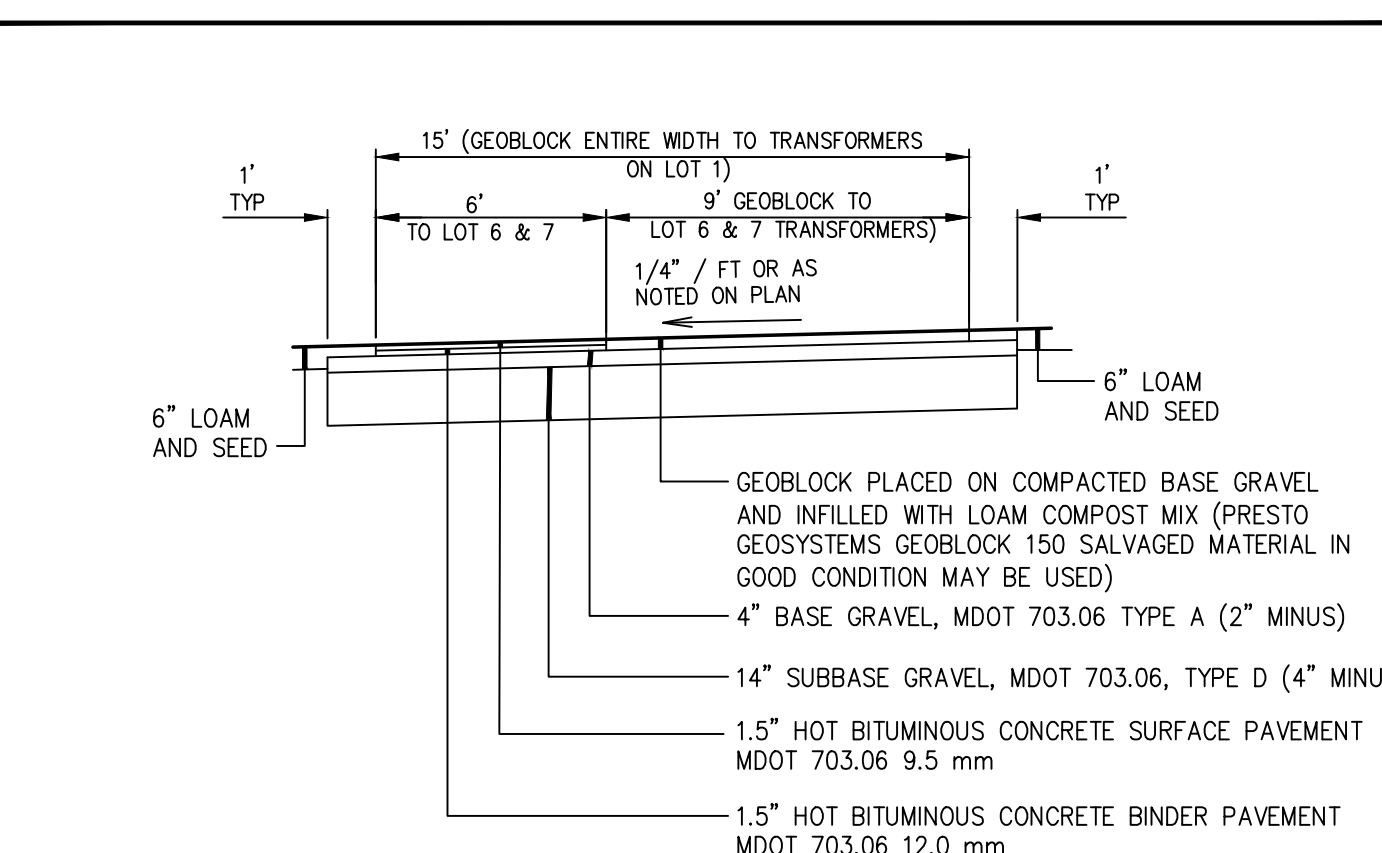
(G)

**BRICKS TO BE USED:**  
**NEW CONSTRUCTION:**  
4"x8" PINE HALL PATHWAY PAVER BRICK; MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM # 193623, PINE HALL PATHWAY PAVER BRICK.  
**REPAIR/MAINTENANCE TO EXISTING BRICK SIDEWALKS; VERMONT PAVES:** SUPPLIED BY GAGNE AND SONS. SPECIFICATION NUMBER: "VERMONT BACKER BRICK", ITEM NUMBER # VBBB.



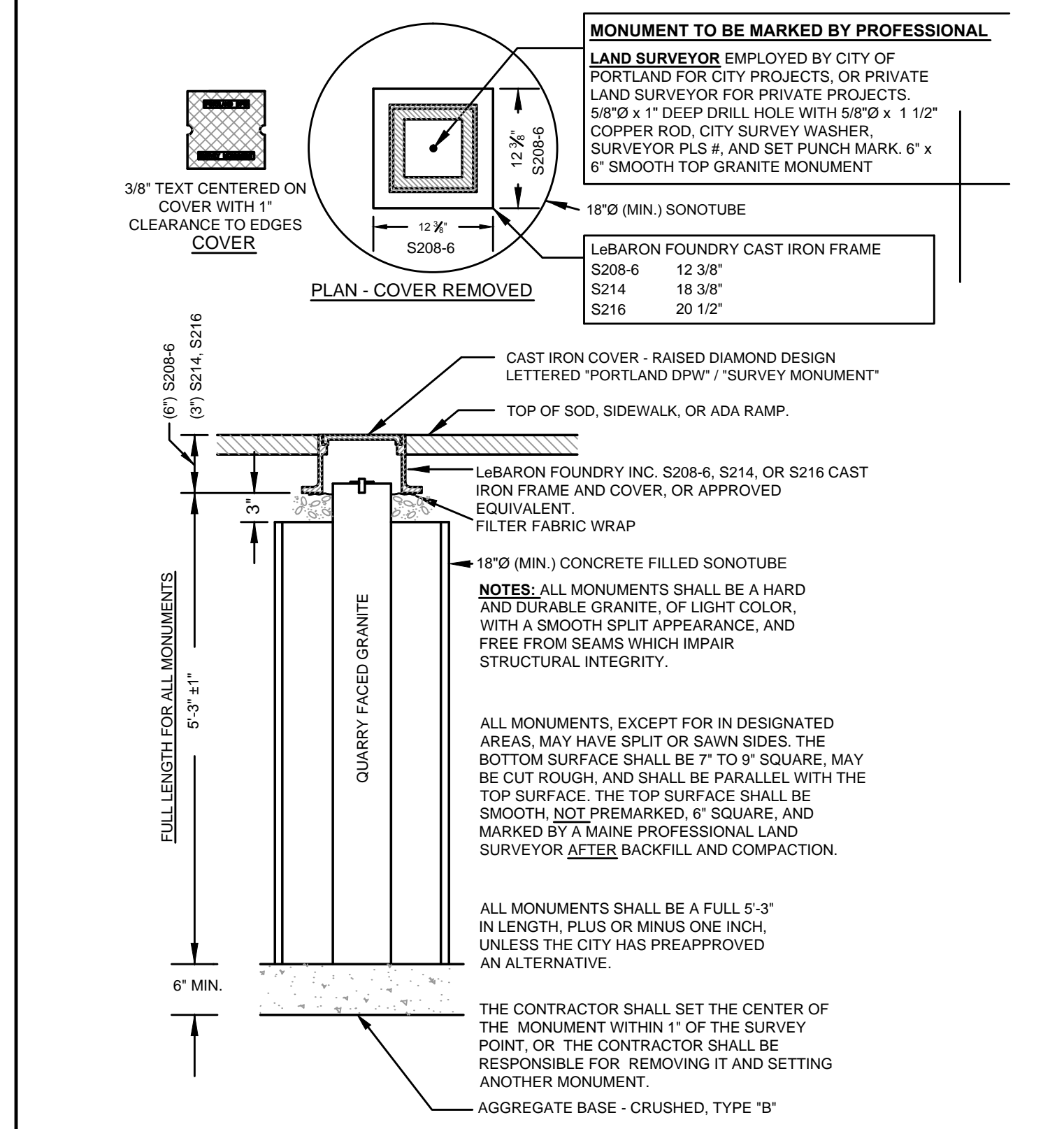
**BRICK SIDEWALK WITH BITUMINOUS BASE**  
N.T.S.

(H)



**GEOBLOCK DRIVE SECTION**  
N.T.S.

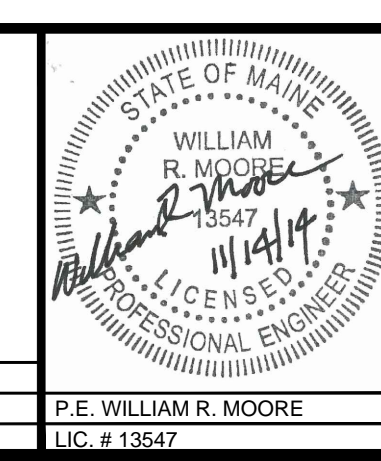
(I)



**GRANITE STREET MONUMENT**  
N.T.S.

(E)

REV	DATE	DESCRIPTION	REVISIONS
1	11.14.14	FINAL LEVEL III SUBMISSION TO CITY OF PORTLAND	



PROJECT	midtown PORTLAND, MAINE
SHEET TITLE	TRANSPORTATION SYSTEMS AND STREET DESIGN
CIENT	THE FEDERATED COMPANIES

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PRELIMINARY - NOT FOR CONSTRUCTION