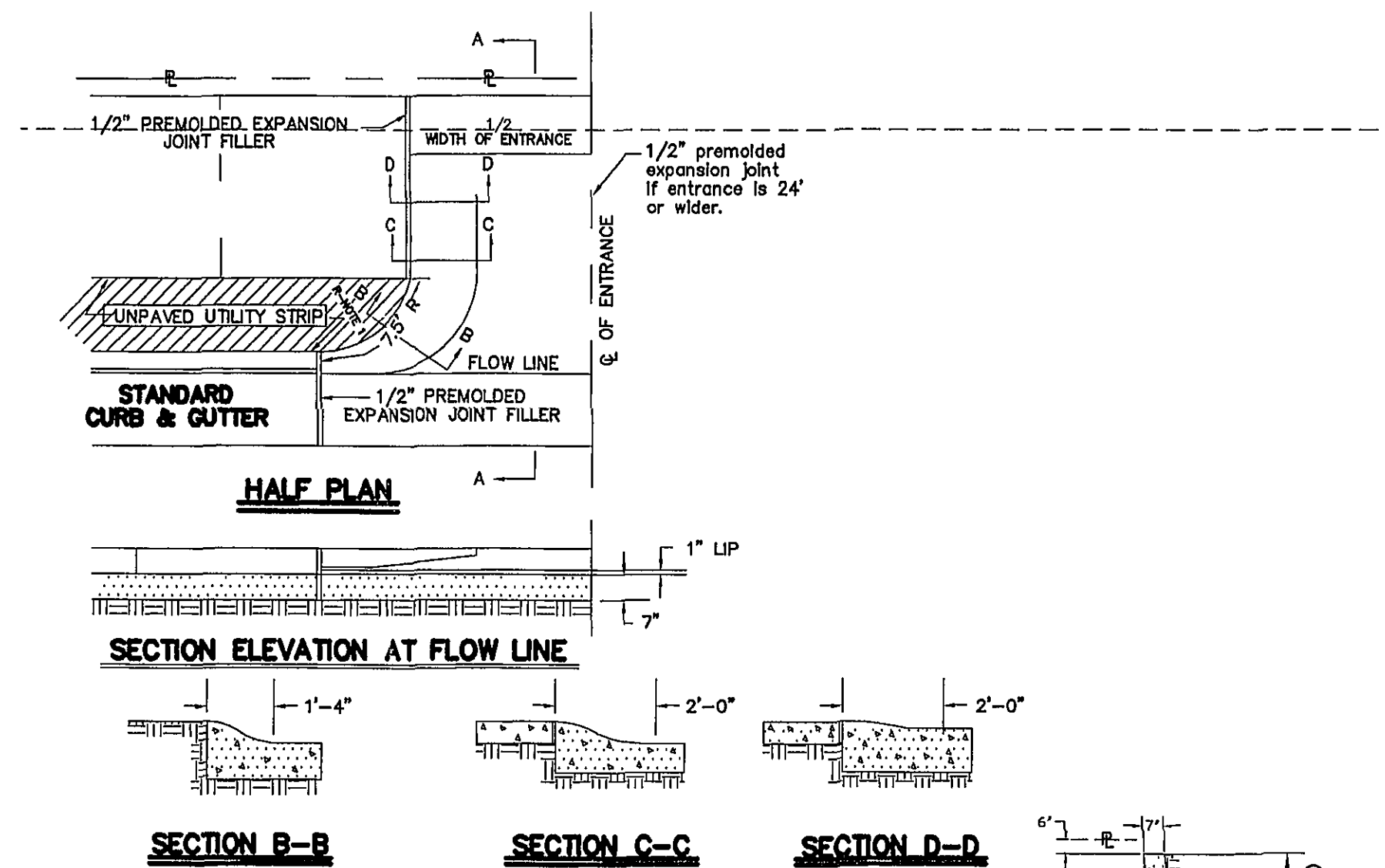
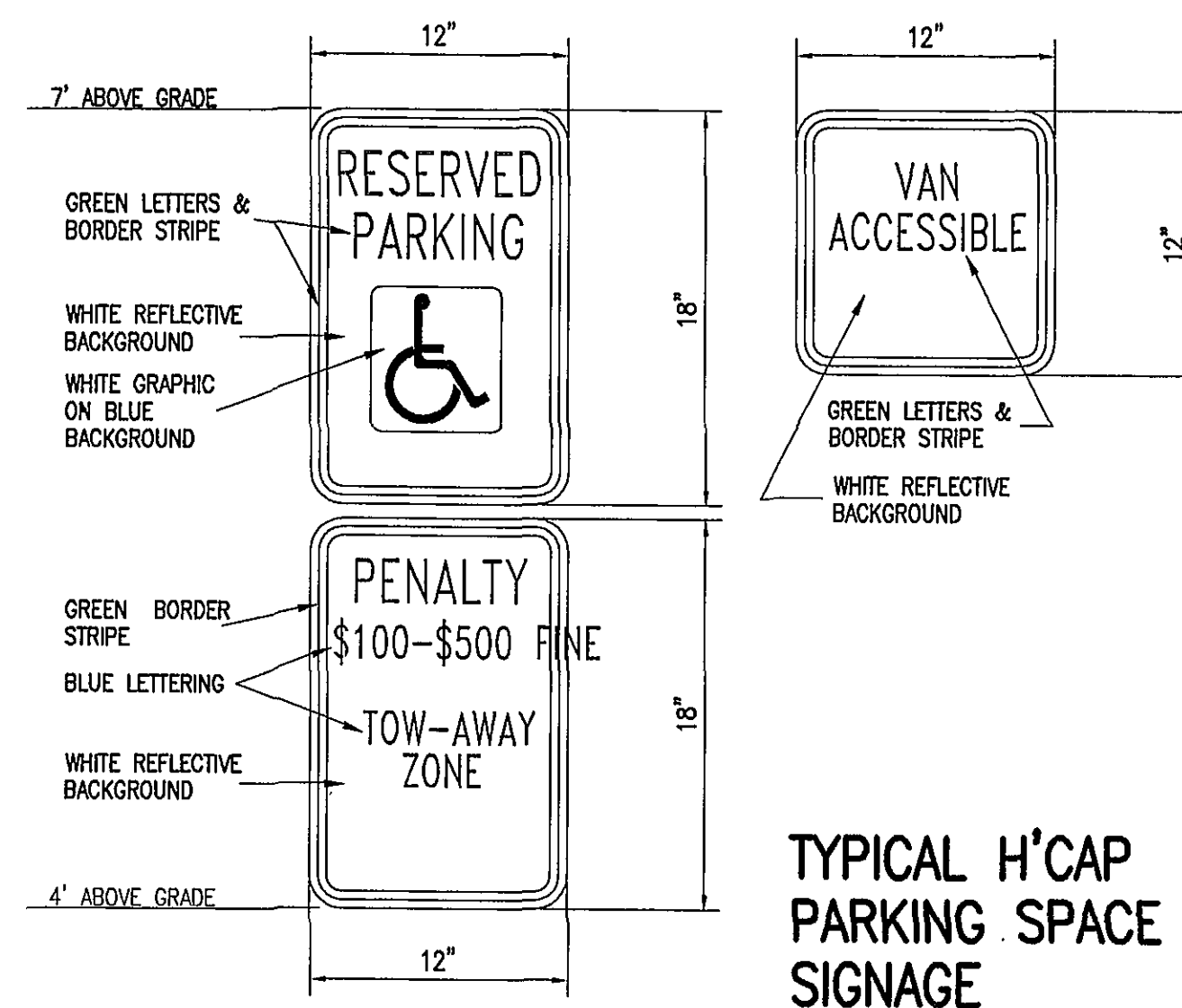




- GENERAL NOTES:
- Standard commercial "Entrance" shall have a minimum curb radius (R) of 7 1/2 feet.
 - Minimum Entrance width to be 12 feet.
 - Where curb & gutter already exists both curb & gutter shall be removed. If proposed entrance falls within five (5) feet of an existing joint removal & reconstruction shall be to that joint. Any concrete removed at other than an existing joint shall be cut with a mechanical saw specifically manufactured for that purpose; this also shall apply to street pavement.
 - Where sidewalk exists or is to be constructed across driveways the thickness thereof must correspond with the thickness of the entrance.
 - Whenever "Entrances" exceeds twenty-four (24) feet in width a 1/2" preformed expansion joint filler shall be installed through the center perpendicular to flow line.
 - Finish "Entrances" shall have a "course broom finish" running parallel to flow line.
 - Curing shall be accomplished by the use of a liquid membrane seal containing white pigment applied at the rate of one (1) gallon per 150 square feet.
 - All "Entrance Ways" shall be constructed according to City of Roanoke specifications and to line and grades approved by the City Engineering Department.
 - Entrances exceeding 30 feet in width shall be approved by the City Manager.

ROANOKE STANDARD CURB ENTRANCE DETAIL



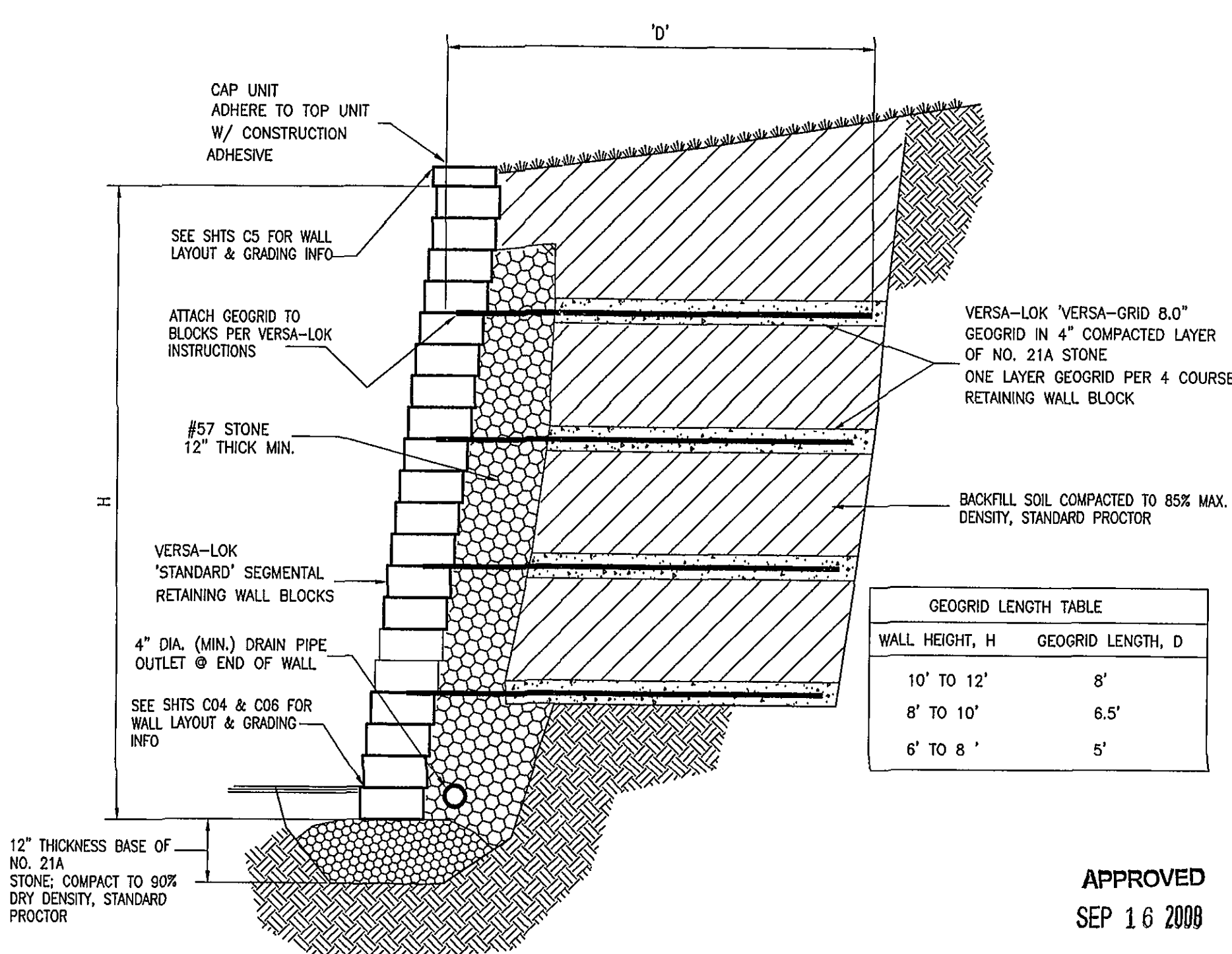
Cut-off Mini Wall Packs, Polycarbonate Reflector

TWAC

Contour®

Examples TWAC 100S 120 LPI

Model	Height	Width	Length	Weight	Material	Finish	Color	Reflector	Mounting	Notes
TWAC 100S	10"	12"	12"	1.5 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 120	12"	12"	12"	2.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 150	15"	12"	12"	2.5 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 200	20"	12"	12"	3.5 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 300	30"	12"	12"	5.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 400	40"	12"	12"	7.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 500	50"	12"	12"	9.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 600	60"	12"	12"	11.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 700	70"	12"	12"	13.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 800	80"	12"	12"	15.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 900	90"	12"	12"	17.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces
TWAC 1000	100"	12"	12"	19.0 lbs	Polycarbonate	Matte	White	Reflective	Standard	For use in parking spaces



COMMONWEALTH OF VIRGINIA

RONALD B. SHIFLETT

No. 9662

PROFESSIONAL ENGINEER

Revisions By _____ Date _____

COVENANT Engineering

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(540) 345-5555

Email: info@covenanteng.com

SITE DETAILS

NEW OFFICE & SHOP FOR

A. BYRON SMITH OIL COMPANY

ROANOKE, VA

Scale: **AS SHOWN**

Date: **4-21-08**

Design By: **RBS**

CAD By: **RBS**

Checked By: _____

Comm. No.: **08038**

Sheet No.

C5

APPROVED

SEP 16 2008