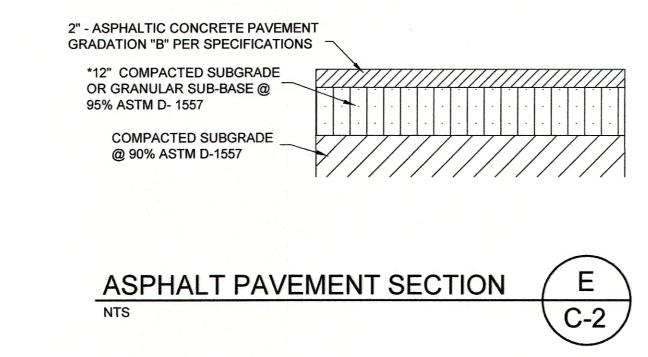
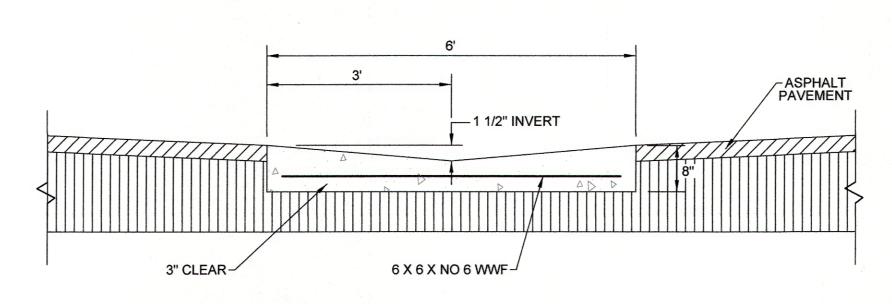
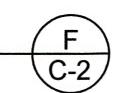


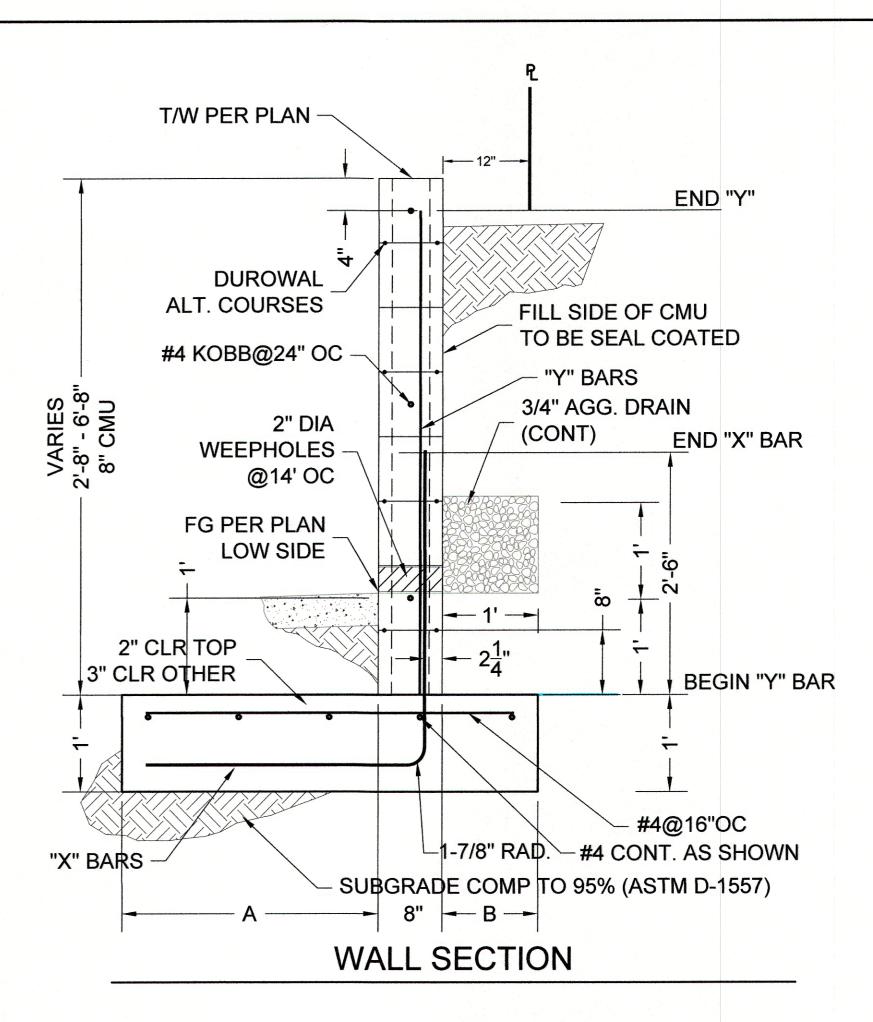
PAVEMENT SECTION - BID ALTERNATE NO. 2











RETAINING WALL NOTES:

- 1. All cells shall be completely filled with concrete
- All wall sections are designed based on special inspection per UBC.
 Contractor shall submit to Owner results of masonry test prisms built
- and tested per UBC STD 24-26, UBC SEC 2405.4. Footing subgrade and base shall be compacted to 95% modified proctor
- per ASTM D-1557.
- 5. 1/2" felt expansion joints shall be installed at 30 feet on center and at section changes.
- All masonry shall be laid in running bond only.
- All masonry surfaces to be backfilled shall be coated with emulsified asphalt, or other moisture barrier as approved by the Engineer.
- 8. All reinforced concrete and CMU walls are designed per the following:

fc=4000 psi: maximum aggregate size = 3/4" fy=60,000 psi (ASTM A-615 GR 60)

fy=60,000 psi (ASTM A-615 GR (fm=1500 psi Unit weight of backfill = 110 pcf

Concrete/soil coeff of friction = 0.30
Allowable soil bearing pressure = 1500 psf

Acting pressure = 44 psf/ft Slope active pressure = 44 psf/ft Passive pressure = 360 psf/ft

REINFORCING SCHEDULE					
Н	Α	В	8" CMU	Х	Y
6'-0"	3'-0"	1'-0"	9 COURSES	#5 @ 8"	#5 @ 16"
5'-4"	2'-8"	1'-0"	8 COURSES	#5 @ 8"	#5 @ 16"
4'-8"	2'-8"	1'-0"	7 COURSES	#5 @ 8"	#5 @ 16"
4'-0"	1'-8"	1'-0"	6 COURSES	#5 @ 16"	#5 @ 16"
3'-4"	1'-8"	1'-0"	5 COURSES	#5 @ 16"	#5 @ 16"
2'-8"	1'-8"	1'-0"	4 COURSES	#5 @ 16"	#5 @ 16"

RETAINING WALL DETAIL



11200 MENAUL NE DETAILS





DRAWN BY: J.M.T. DATE: 03/04/2015

CHECKED BY: D.A.L.

FILE: 14-027 SHEET C-2