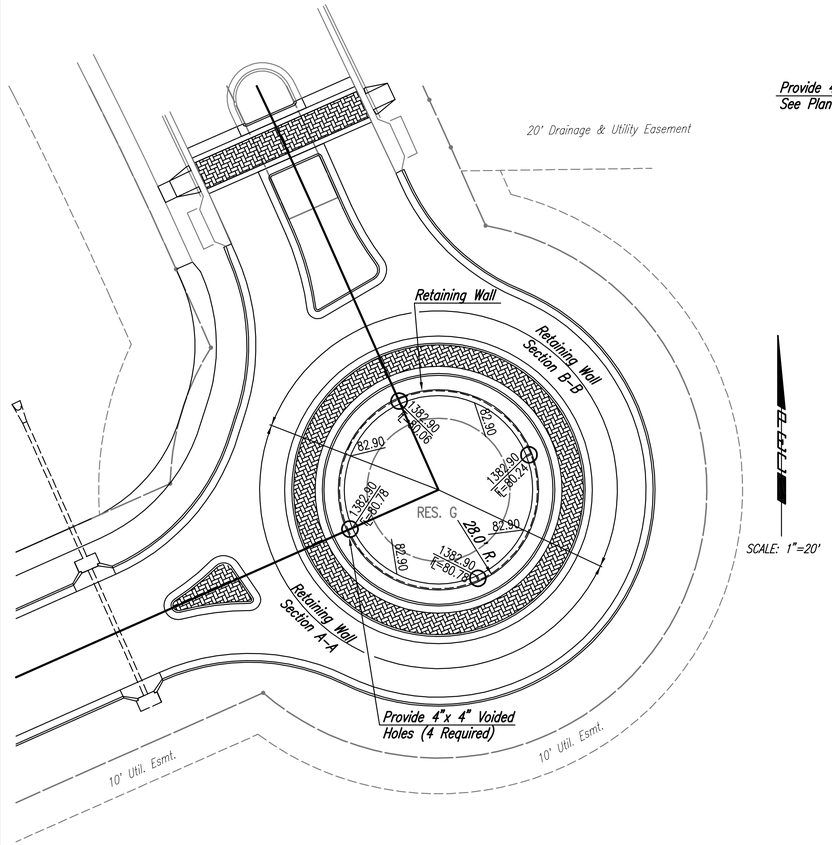
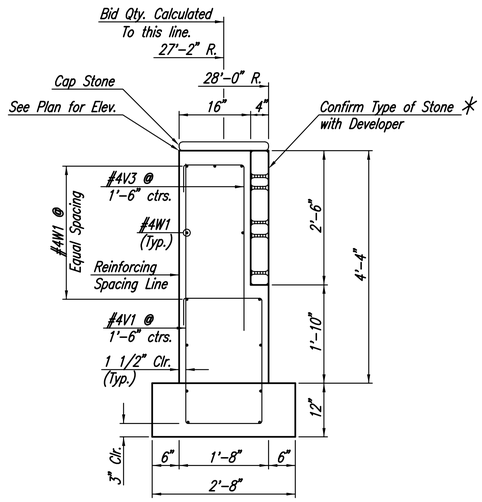
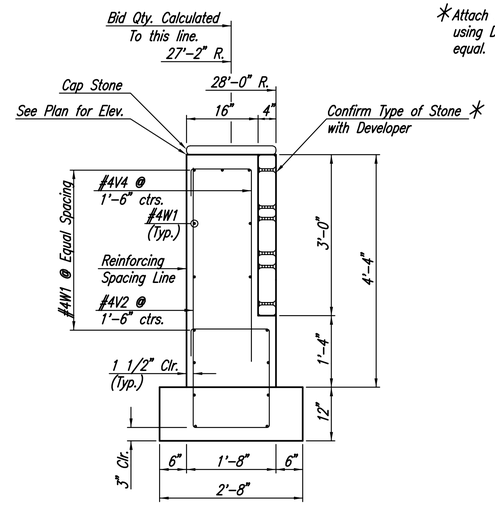


RETAINING WALL PLAN

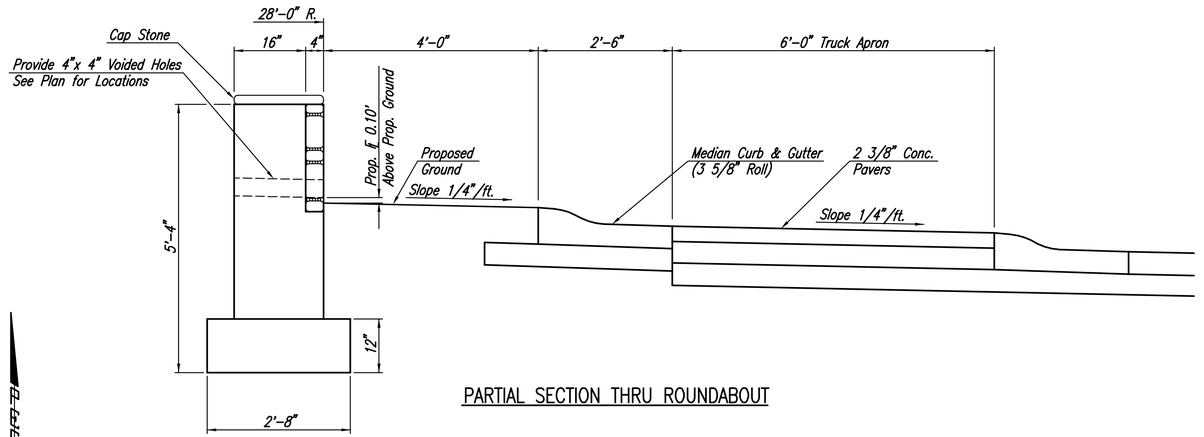
SCALE: 1"=20'



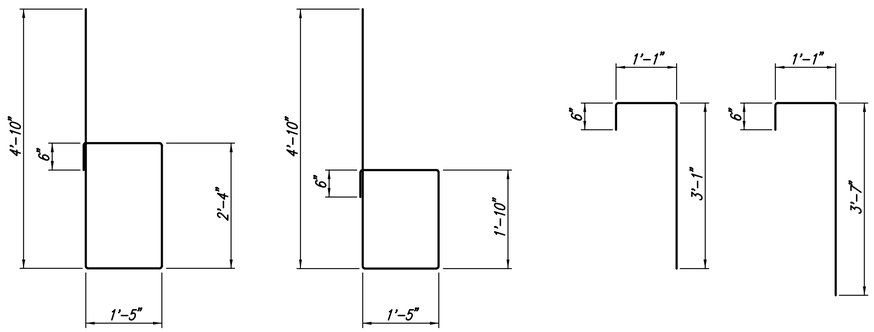
RETAINING WALL SECTION A-A



RETAINING WALL SECTION B-B



PARTIAL SECTION THRU ROUNDABOUT



BENDING DIAGRAMS

All Dimensions are out to out of bars.

* Attach Stone to Concrete Wall using Dur-O-Wall Anchors D/A 5431 or approved equal. Spa. @ 16" ctrs. (Min.).

REINFORCING STEEL

	Straight Bars				Bent Bars			
	Mark	Size	Number	Length	Mark	Size	Number	Length
**	W1	#4	65	36'-7"	V1	#4	57	10'-6"
					V2	#4	60	10'-0"
					V3	#4	57	4'-6"
					V4	#4	60	5'-2"

PARTIAL BILL OF QUANTITIES

Concrete (Class AAA)	58.5 C.Y.
Reinforcing Steel (GR. 60)	2,780 Lbs.
Stone Masonry Facing	485 S.F.
Class III Excavation	77 C.Y.

* Min. Lap for #4=16"

** Bend Radial Bars in Field

GENERAL NOTES

1. Concrete shall have a minimum 28-day compressive strength of 4,000 psi. Bevel all exposed edges with a 3/4" triangular molding or finish with an approved edging tool.
2. All reinforcing steel dimensions are to the centerline of bars unless otherwise noted. All reinforcing steel shall conform to the requirements of ASTM A615, Grade 60.
3. Stone veneer to be by Born Stone Company, Wichita, KS. (316-838-7788) or approved equal. The color of the Limestone should be coordinated with the color of the brick street near the Roundabout. The color will be approved by the Engineer.
4. Retaining walls shall be paid for at the unit price bid per lineal foot of "R.C. Retaining Wall", which shall include concrete, reinforcing steel, structural steel, excavation, forming, backfilling, limestone veneer (including attachments, mortar, and incidentals), and all other miscellaneous materials, labor, tools, equipment and incidentals necessary to complete the work.

NOTE:
170.69 L.F. of "R.C. Retaining Wall" at 27'-2" Rad.

No.	Revision	By	Date

OAK CREEK 2ND - PHASE 2

ROUNDABOUT MISCELLANEOUS DETAILS

JAMES L. ARMOUR, P.E.- CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84449

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BDB, BMM	Job No.	35-05731-003	Sheet 25 of 84
Drawn by	BJS, TAT	Date	February 2006	

Saved: 11-07-2006 5:46:26 AM by BJS
Plotted: 11-7-2006 5:47:03 PM by BEI
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