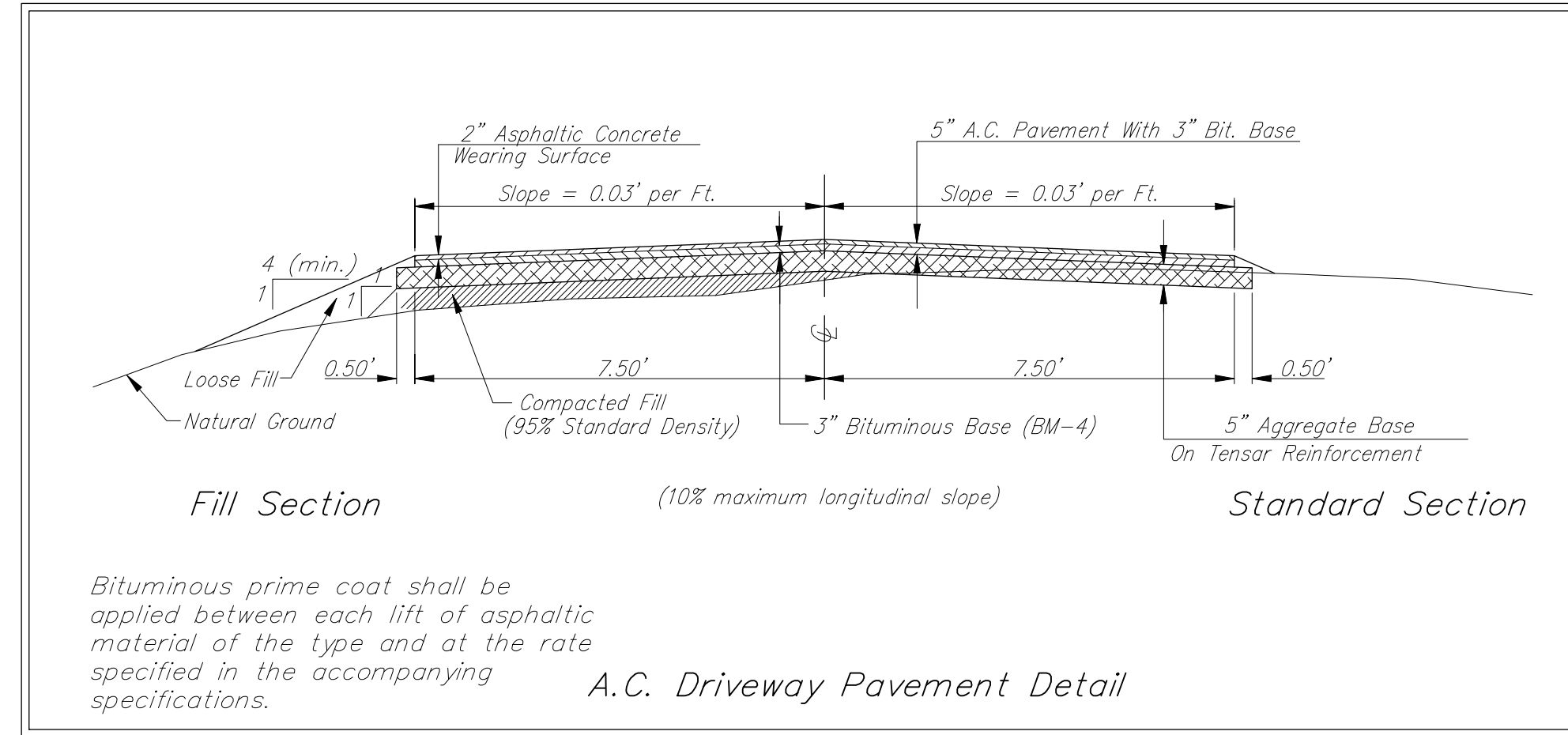


**BENCHMARKS:**  
 BM #1: RR Spike on North Face of Power Pole approx. 1660' West of Ridge Road in South R/W of 37th St. N. Elev. = 1331.57

BM #2: "□" Cut Top of Curb Inlet on North Side of Northwind approx. 790' West of Ridge Road Elev. = 1331.06

BM #3: "□" Cut Top of Curb Inlet on North Side of Northwind approx. 290' West of Ridge Road Elev. = 1329.88



\* Curb inlets will not be standard. Hookups will be half the length and depth of standard hookups. This shall be taken into account when placing 4" PVC underdrain pipes.

Curve #4R  
 Curve Data Based on Face of Curb  
 Rad. = 80' Delta = 58° 37' 11" Tangent = 44.91'  
 Arc = 81.84' L.C. = 78.33' Def/Ft. = 21.48817 Min.

Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
A	-	-	0'00"00"	0'00"00"
B	7.30'	8.03'	2'36"52"	2'36"52"
C	6.08'	6.69'	2'10"39"	4'47"30"
D	18.00'	19.76'	6'26"47"	11'14"18"
E	4.82'	5.30'	1'43"34"	12'57"52"
F	22.82'	25.02'	8'10"21"	21'08"14"
G	22.82'	25.02'	8'10"21"	29'18"35"

Curve #4L  
 Curve Data Based on Face of Curb  
 Rad. = 35' Delta = 68° 51' 47" Tangent = 23.99'  
 Arc = 42.08' L.C. = 39.58' Def/Ft. = 49.09438 Min.

Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
H	-	-	0'00"00"	0'00"00"
I	8.08'	6.22'	6'36"41"	6'36"41"
J	9.64'	7.41'	7'53"16"	14'29"57"
K	7.36'	5.67'	6'01"20"	20'31"17"
L	17.00'	12.98'	13'54"36"	34'25"53"

Curve #5L  
 Curve Data Based on Face of Curb  
 Rad. = 79.5' Delta = 10° 14' 35" Tangent = 7.13'  
 Arc = 14.21' L.C. = 14.19' Def/Ft. = 21.62503 Min.

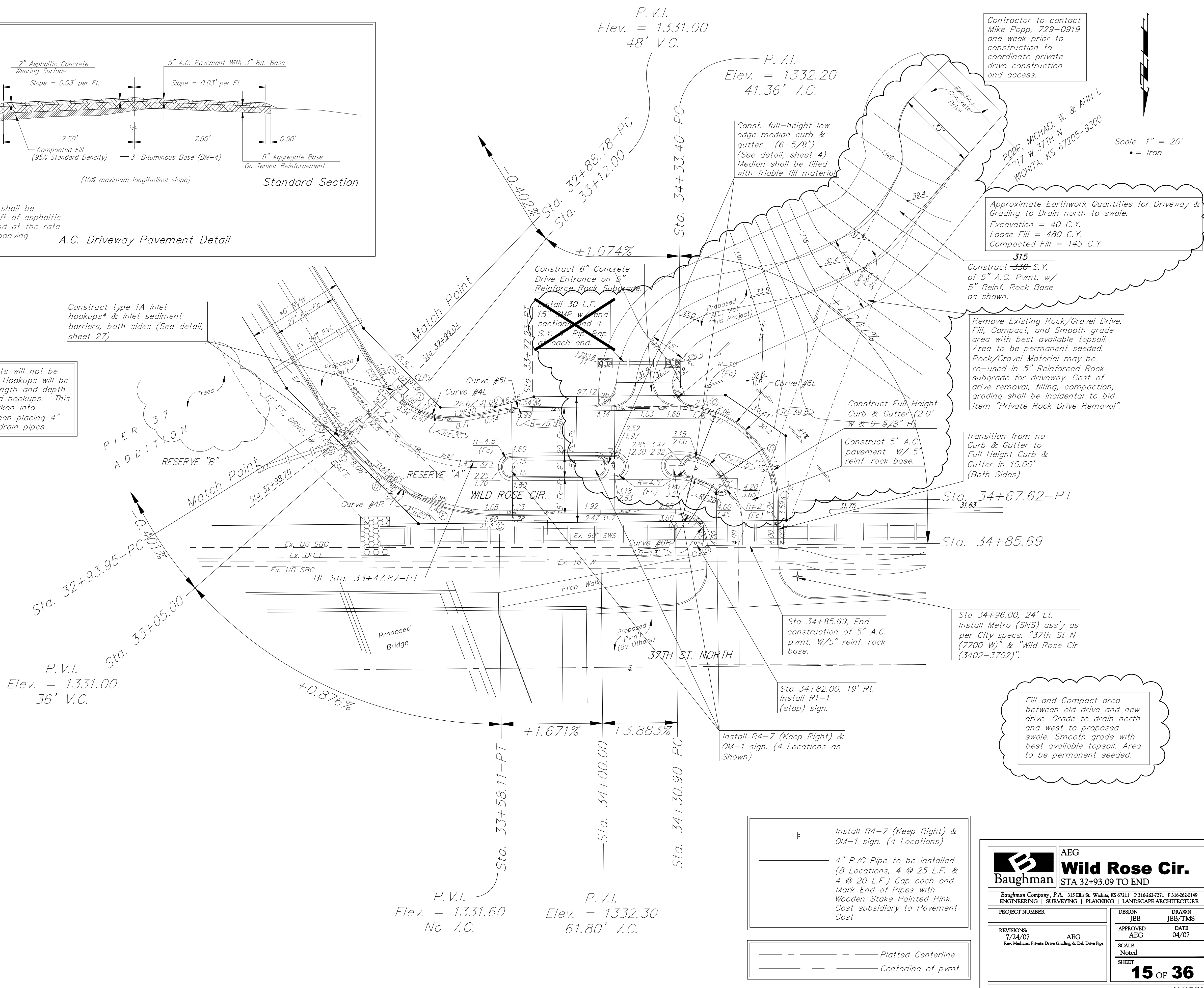
Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
L	-	-	0'00"00"	0'00"00"
M	14.21'	15.62'	5'07"17"	5'07"17"

Curve #6R  
 Curve Data Based on Face of Curb  
 Rad. = 13' Delta = 90°00'15" Tangent = 13.00'  
 Arc = 20.42' L.C. = 18.39' Def/Ft. = 132.22940 Min.

Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
N	-	-	0'00"00"	0'00"00"
O	20.42'	7.07'	45'00"07"	45'00"07"

Curve #6L  
 Curve Data Based on Face of Curb  
 Rad. = 39.5' Delta = 90°00'00" Tangent = 39.50'  
 Arc = 62.04' L.C. = 55.86' Def/Ft. = 43.52031 Min.

Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
P	-	-	0'00"00"	0'00"00"
Q	20.68'	24.59'	14'59"60"	14'59"60"
R	20.68'	24.59'	14'59"60"	29'59"60"
S	20.68'	24.59'	14'59"60"	45'00"00"



Contractor to contact Mike Popp, 729-0919 one week prior to construction to coordinate private drive construction and access.

POPP, MICHAEL W. & AMW L  
 7717 W 37TH N  
 WICHITA, KS 67205-9500

Approximate Earthwork Quantities for Driveway & Grading to Drain north to swale.  
 Excavation = 40 C.Y.  
 Loose Fill = 480 C.Y.  
 Compacted Fill = 145 C.Y.

315  
 Construct 330' S.Y. of 5" A.C. Pvmnt. w/ 5" Reinf. Rock Base as shown.

Remove Existing Rock/Gravel Drive. Fill, Compact, and Smooth grade area with best available topsoil. Area to be permanent seeded. Rock/Gravel Material may be re-used in 5" Reinforced Rock subgrade for driveway. Cost of drive removal, filling, compaction, grading shall be incidental to bid item "Private Rock Drive Removal".

Transition from no Curb & Gutter to Full Height Curb & Gutter in 10.00' (Both Sides)

Sta 34+96.00, 24' Lt. Install Metro (SNS) ass'y as per City specs. "37th St N (7700 W)" & "Wild Rose Cir (3402-3702)".

Fill and Compact area between old drive and new drive. Grade to drain north and west to proposed swale. Smooth grade with best available topsoil. Area to be permanent seeded.

Install R4-7 (Keep Right) & OM-1 sign. (4 Locations)

4" PVC Pipe to be installed (8 Locations, 4 @ 25 L.F. & 4 @ 20 L.F.) Cap each end. Mark End of Pipes with Wooden Stake Painted Pink. Cost subsidiary to Pavement Cost

Platted Centerline  
 Centerline of pvmnt.

**Baughman AEG**  
**Wild Rose Cir.**  
 STA 32+93.09 TO END

PROJECT NUMBER: \_\_\_\_\_ DESIGN: \_\_\_\_\_ DRAWN: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
 REVISIONS: 1/24/07 AEG Rev. Median, Private Drive Grading & Dd. Drive Pipe SCALE: \_\_\_\_\_ SHEET: \_\_\_\_\_

**15 OF 36**