ROAD IMPROVEMENTS
TO SERVE
SEDGWICK COUNTY ARENA

PRIVATE PROJECT NO. 183 PPP (607879)
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. - CITY ENGINEER

AS-BUILT PLANS

CONTRACTOR: DONDLINGER & SONS CONST. CO., INC.

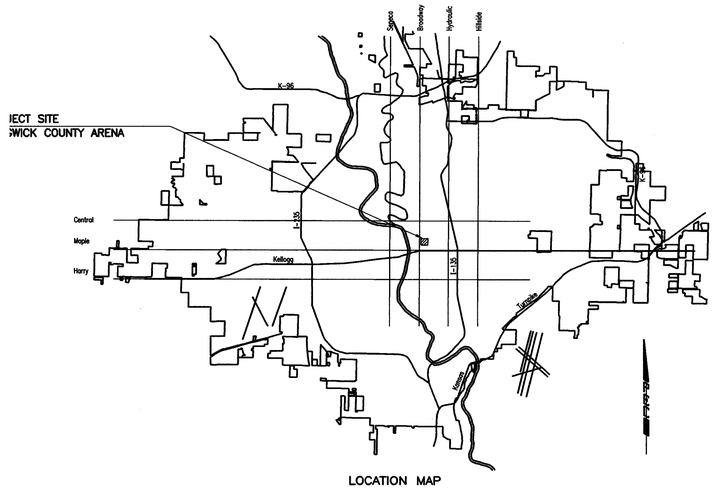
INSPECTOR: BRIAN BLOYD, SCHWAB-EATON, P.A.

.PDF BY: BDB 10-27-09

PROJECT WAS CONSTRUCTED TO PLAN SPECIFICATIONS.

CONSTRUCTION OF THE 2" WEARING SURFACE ON ST. FRANCIS STREET AND COMMERCE STREET WERE NOT WITNESSED BY SCHWAB-EATON DUE TO LACK OF NOTIFICATION BY THE CONTRACTOR.

Emporia Street and the intersections of Commerce and St. Francis were done as part of the Arena City paving projects.



LOCATION MAP

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CS1.6	PLAT

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____

Storm Sewers _____

Driveway Approaches _____

Paving VRH 10/26/07

NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM CONTRACTED BY THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR UNTIL SUCH INSPECTION IS ARRANGED FOR AND REQUIRED BONDS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER. IMPROVEMENTS PERFORMED UNDER THIS PROJECT SHALL NOT BE ACCEPTED BY THE CITY UNTIL ALL APPLICABLE DOCUMENTATION HAS BEEN SUBMITTED TO THE CITY ENGINEER. THIS MAY INCLUDE: RECORD DRAWINGS, INSPECTION LOGS, TEST DOCUMENTATION, TV TAPES, AND A CERTIFICATE OF COMPLETION. THE ABOVE SHALL BE PERFORMED BY THE CONSULTING FIRM CONTRACTED TO INSPECT THIS PROJECT.

JULY 2007
PLANS PREPARED BY
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Saved: 10-17-2007, 7:58:18 PM, by CSL
Plotted: 10-17-2007, 7:58:18 PM, by CSL
O:\2005\05483\002\CONSTRUCTION PLANS\CS-CU2.1-Paving Title Sheet

BRENT E. REMSBURG LICENSED PROFESSIONAL ENGINEER 10868 10/24/07 KANSAS

arenadesign CONSORTIUM

WILSON DARNELL MANN ARCHITECTS	ME ENGINEERS
ARCHITECT OF RECORD	ASSOCIATE MECH/ELECT/PLUMBING
105 N. Washington	ENGINEER
Wichita, KS 67202	WRIGHTSON, JOHNSON, HADDON &
HOK SPORT	WILLIAMS, INC.
DESIGN ARCHITECT	AUDIO VISUAL CONSULTANT
WALTER P. MOORE	BIGELOW
STRUCTURAL ENGINEER	FOOD SERVICE CONSULTANT
PROFESSIONAL ENGINEERING	
ASSOCIATE ARCHITECT	
GOSSEN LIVINGSTON ASSOCIATES, INC	
ASSOCIATE ARCHITECT	

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE

REVISIONS

NO.	DATE	DESCRIPTION

KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER

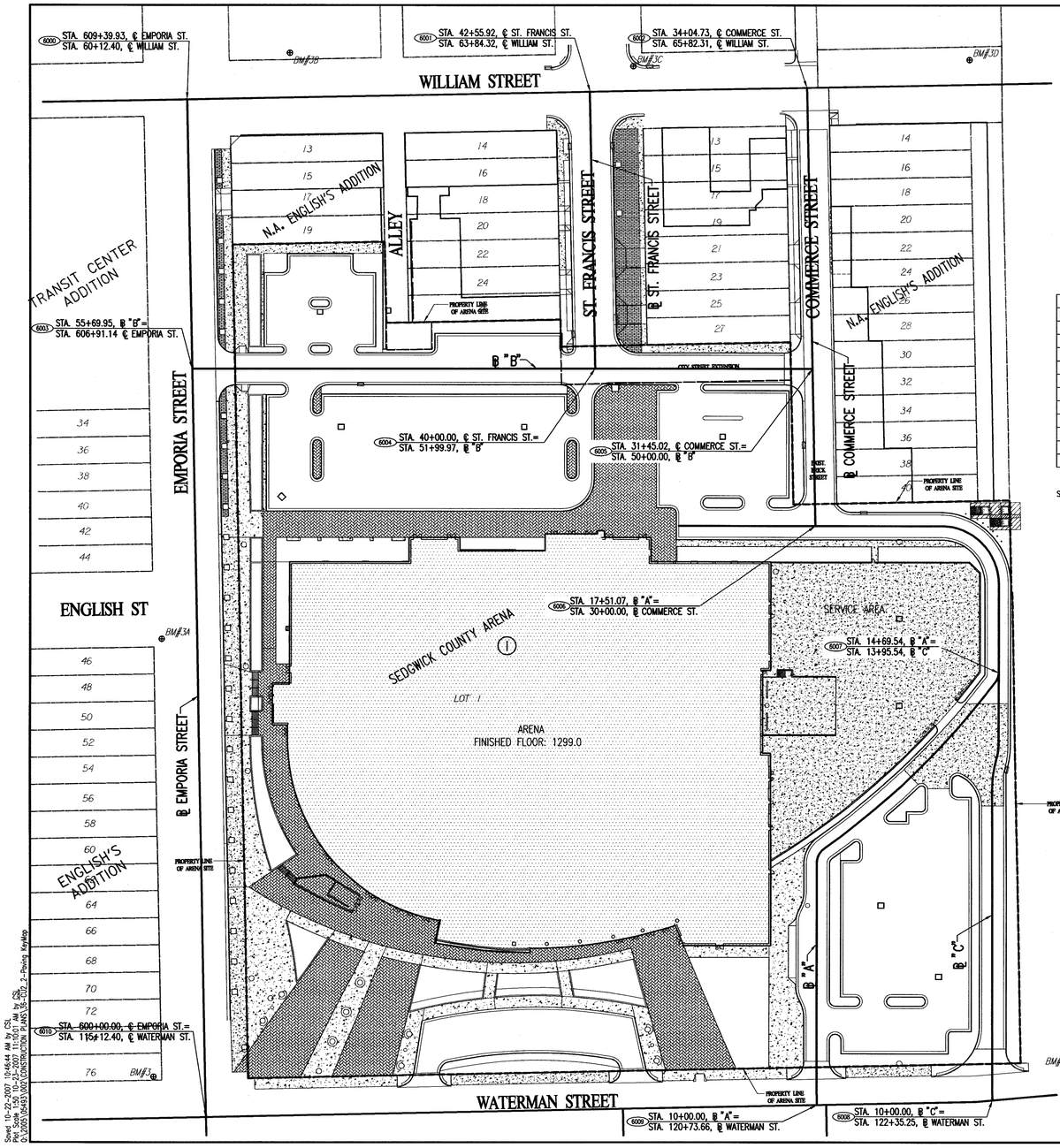
ISSUE DATE: 10-26-2007

SHEET TITLE:

ROAD IMPROVEMENTS TITLE SHEET

CU2.1

Professional Engineering Consultants, P.A.
308 S. TOPEKA • WICHITA, KANSAS 67202 • 316-262-2691 • FAX 316-262-3003
www.pec1.com



SCALE: 1" = 50'

COORDINATE LIST		
POINT	NORTH	EAST
6000	1,685,242.7619	1,650,041.7046
6001	1,685,249.8762	1,650,413.0604
6002	1,685,253.6780	1,650,611.5105
6003	1,684,994.0147	1,650,046.3370
6004	1,684,994.0147	1,650,417.8943
6005	1,684,994.0147	1,650,616.2884
6006	1,684,849.0147	1,650,618.9564
6007	1,684,713.5452	1,650,787.7622
6008	1,684,318.5686	1,650,781.7782
6009	1,684,314.1766	1,650,620.2849
6010	1,684,302.9910	1,650,059.1314

6000 = COORDINATE POINT NO.

SEE SHEET NO. CS1.6 FOR PLAT COORDINATES

GENERAL NOTES

1. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
2. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM. (U.S.G.S. – 1187.4 = CITY DATUM)
3. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION AND SHOWN TO BE REMOVED SHALL BE REMOVED BY THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
4. RUBBLE FROM THE REMOVAL OF EXISTING PAVEMENTS AND MISCELLANEOUS STRUCTURES SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR AND APPROVED AS NOTED BELOW.

   ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
5. CONTRACTOR SHALL SATISFY HIMSELF OF SURFACE AND SUBSURFACE CONDITIONS PRIOR TO BIDDING.
6. TEMPORARY SURFACING MATERIAL (ROCK, ASPHALT, ETC.) MAY HAVE BEEN PLACED WITHIN STREET RIGHTS-OF-WAY FOR HAUL ROADS AND TEMPORARY ACCESS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE EXTENT, IF ANY, OF SUCH SURFACING. CONTRACTOR SHALL REMOVE SAID TEMPORARY SURFACING IN THE SAME MANNER AS NOTED ABOVE FOR RUBBLE.
7. CONTRACTOR SHALL PROVIDE A MINIMUM SEVENTY-TWO (72) HOUR ADVANCE NOTICE (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO BEGINNING ANY EXCAVATION, TO KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ALL EXISTING LINES WITHIN THE PROJECT AREA: K.G.S. GAS, WESTAR ENERGY, SBC, COX COMMUNICATIONS, CITY OF WICHITA SEWER MAINTENANCE AND CITY OF WICHITA WATER DEPARTMENT.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS OR COVERED BY 12" OR MORE OF FILL WITH THIS PROJECT. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
9. THE WATER DEPARTMENT SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, WATER VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
10. THE CONTRACTOR SHALL ADJUST WATER VALVE BOXES AS DIRECTED BY THE ENGINEER.
11. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY CONTROL POINTS AND BENCH MARKS. SEE SHEET NOS. CG4.2–CG4.6 FOR EROSION CONTROL.
12. THIS WORK SHALL BE GOVERNED BY CITY OF WICHITA STANDARD SPECIFICATIONS.
13. EXCLUDING SECTIONS 101 THRU 105 AND 107 THRU 109 OF PART 100, AND AS NOTED HEREIN.

BENCH MARKS

Datum Bench Mark
Sec. 21, T27S, R1E
10.40' S. of the NW corner of the old Union Train Station,
3 1/2 rails S. of the centerline of the Douglas Avenue viaduct,
set vertically in the W. wall of the old Railroad Station.
Elev.=1316.61 NGVD 29 (Arena SWS Outfall vertical control)
Elev.=1317.08 NAVD 88 (Waterwalk vertical control)

BM#1 – Elev.=1294.96
Chiseled square SW corner curb inlet N. side of Waterman on W. side of RR track bridge

BM#2 – Elev.=1296.05
Chiseled square W edge concrete parking lot S. side of concrete drive 25'± N. of the NE corner of Waterman Street and St. Francis Street

BM#3 – Elev.=1294.80
Chiseled square SW corner concrete slab sign base NW corner of Waterman Street and Emporia Street

BM#3A – 1294.71
Chiseled square on concrete base for cross walk signal pole at SW corner of Emporia Street and English Street

BM#3B – 1298.94
Chiseled square on concrete base for light pole at NE corner of Emporia Street and William Street

BM#3C – 1297.42
Chiseled square on top of curb at NE corner of William Street and St. Francis Street

BM#3D – 1298.59
Chiseled square on top of curb 10.00' W of E. end of N. curb WNW of William Street and Santa Fe Avenue

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS

KEY MAP AND GENERAL NOTES

JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

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

Designed by	BER	Job No.	35-05493-002-1324
Drawn by	SAW	Date	JULY 2007

SM.CU2.2

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Plot Scale 1:50
O:\2005\05493\002\CONSTRUCTION PLANS\35-002_2-Paving KeyMap

BRENT E. BEM
8168
10-26-07
KANSAS
PROFESSIONAL ENGINEER

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CONSORTIUM

WILSON DARNELL MANN ARCHITECTS — ARCHITECT OF RECORD — 105 N. Washington, Wichita, KS 67202 — ASSOCIATE ARCHITECT
HOK SPORT — DESIGN ARCHITECT
MKEC — ASSOCIATE ARCHITECT
ME ENGINEERS — ASSOCIATE MECH/ELECT/PLUMBING ENGINEER
WALTER P. MOORE — STRUCTURAL ENGINEER
WRIGHTSON, JOHNSON, HADDON & WILLIAMS — PROFESSIONAL ENGINEERING CONSULTANTS
AUDIO VISUAL CONSULTANT
GOSSEN LIVINGSTON ASSOCIATES, INC. — ASSOCIATE ARCHITECT
BIGELOW — FOOD SERVICE CONSULTANT
MECH/ELECT/PLUMBING ENGINEER

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE
REVISIONS

NO.	DATE	DESCRIPTION

KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: CSL	REVIEWED BY: RRY
ISSUE DATE:	10-26-2007

SHEET TITLE:
PAVING KEY MAP

CU2.2

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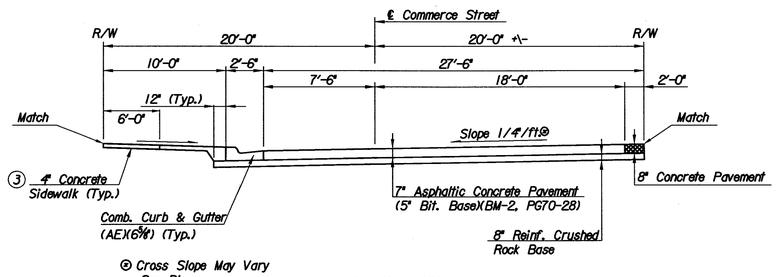
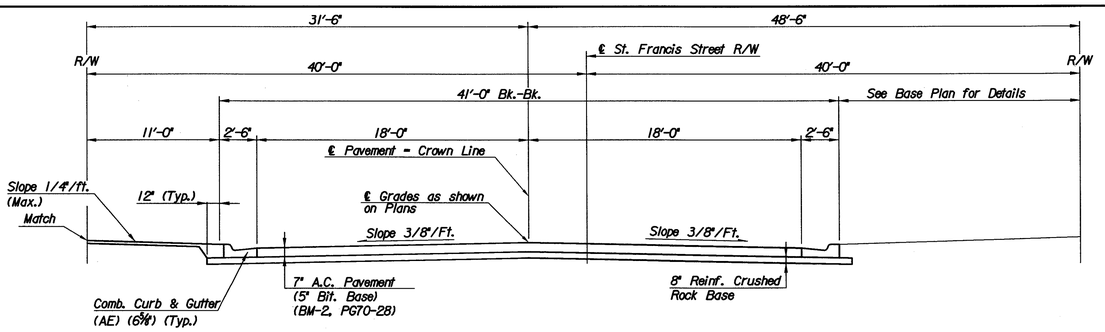


ⓞ Cross Slope May Vary See Plan.

TYPICAL SECTION

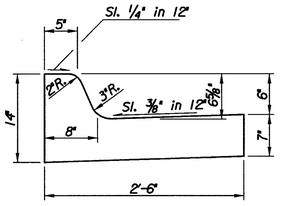
COMMERCE STREET
STA. 30+00.00 TO STA. 34+04.73

③ Full Walk Sta. 31+75.49 to Sta. 33+66.04
No Walk Sta. 30+32.47 to Sta. 31+15.48

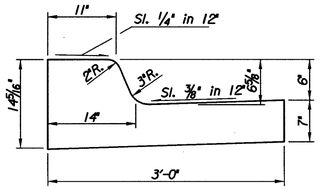


TYPICAL SECTION

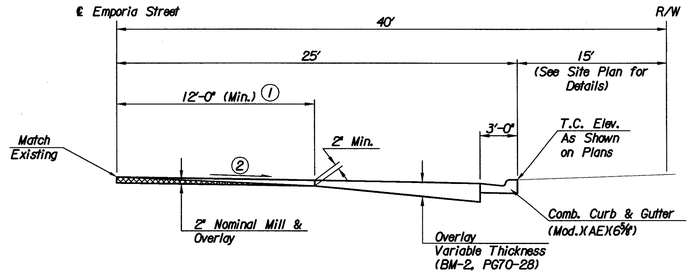
St. Francis Street
Sta. 40+00.00 to Sta. 42+55.92



COMBINED CURB & GUTTER (AE)(6⅝")



COMBINED CURB & GUTTER MODIFIED (AE)(6⅝")



TYPICAL SECTION

EMPORIA STREET
STA. 600+00.00 TO STA. 609+05.00

① Width & Thickness of Milling sufficient for 2" Minimum Overlay

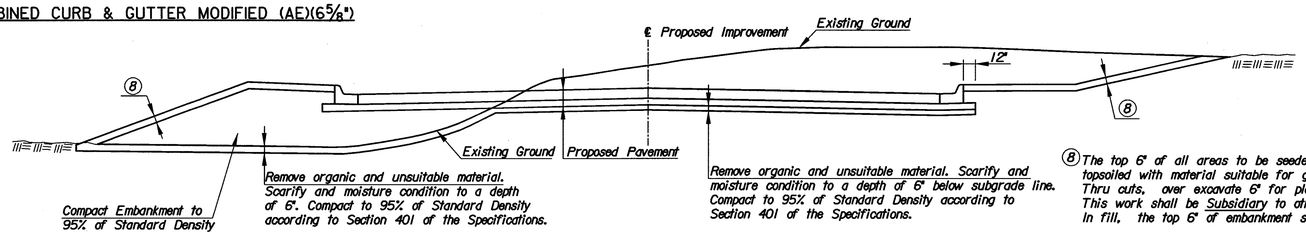
② Cross slope Varies Longitudinally- Constant cross slope shall be maintained between existing ℄ and proposed high edge of gutter.

CRUSHED ROCK GRADATION REQUIREMENTS

PERCENT OF AGGREGATE RETAINED

2-½"	0
¾"	20-60
#4	50-80
#40	80-94
#200	90-98

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for Durability Class I.



IN FILL — IN CUT

COMPACTION DIAGRAM

Note: All embankment, including sideroads and driveways shall be compacted.

⑧ The top 6" of all areas to be seeded shall be topsoiled with material suitable for growth of vegetation. Thru cuts, over excavate 6" for placement of topsoil. This work shall be Subsidiary to other items. In fill, the top 6" of embankment shall be topsoil.

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS

TYPICAL SECTIONS

JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

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316-262-2691 • FAX 316-262-3003

Designed by	BER	Job No. 35-05493-002-1324	Sht. CU2.3
Drawn by	SAW	Date JULY 2007	

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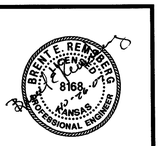

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105 N. Washington	ENGINEER
Wichita, KS 67202	WRIGHTSON, JOHNSON, HADDON &
MCCLURE/GEE/MANN/NISCHLE AND PERRY	WILLIAMS, INC.
ASSOCIATE ARCHITECT	AUDIO VISUAL CONSULTANT
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HOK SPORT	PROFESSIONAL ENGINEERING
DESIGN ARCHITECT	STRUCTURAL ENGINEER
WALTER P. MOORE	BIGELOW
	FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE

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NO.	DATE	DESCRIPTION

KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER

ISSUE DATE: 10-26-2007

SHEET TITLE: TYPICAL SECTIONS

CU2.3

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COMMERCE STREET	30+04.15	18.5'Lt.	1297.3
COMMERCE STREET	30+04.15	18.5'Lt.	1297.3
COMMERCE STREET	30+32.62	18.0'Lt.	1297.7
COMMERCE STREET	33+86.80	9.4'Lt.	1297.8
COMMERCE STREET	34+29.81	9.5'Lt.	1297.7

T.C. P.V.I. 1297.30 — No Walk — T.C. P.V.I. 1297.20
No V.C. T.C. P.V.I. 1297.07 −0.50% T.C. Lt. +0.26% T.C. Lt.
T.C. P.V.I. 1297.60 — Match Walk Grade at R/W Line — +0.26% T.C. Lt. — T.C. P.V.I. 1298.09
Part 4 Part 3
30+32.47 PT 30+50.00 30+75.00 SUMP 31+00.00 31+15.48 PC 31+50.00 31+75.49 PT 32+00.00 32+50.00 33+00.00 33+50.00 33+68.04 PC

SCALE: 0 20 40

LEGEND
- TO BE REMOVED
- TO REMAIN
- * MATCH EXISTING
- PAVEMENT REMOVAL

Prop. Top Valve Box Elev.=1297.3
Prop. Top Valve Box Elev.=1297.3
Sta. 30+20.21, ℄ Commerce St.
Begin Part 4
6005 Sta. 30+00.00, ℄ Commerce St.
Sta. 17+51.07, ℄ A=
Top Elev.= 1397.49
Sta. 31+45.02, ℄ Commerce St.
6005 Sta. 50+00.00, ℄ B=
Prop. Top Valve Box Elev.=1297.7
Prop. FH Bury Line Elev.=1297.5
8" Conc. Valley Gutter See Sheet No. CU2.8
Combined Curb & Gutter (6 5/8" & 1 1/2")
Const. 6" Concrete Flume. Extend Existing Downspout as Req'd. See Sh. No. CU2.9
Const. Wheelchair Ramp (Class A)
8" Conc. Valley Gutter See Sheet No. CU2.8
Prop. Top Valve Box Elev.=1297.8
Sta. 33+83.59, ℄ Commerce St.
End Part 4, Begin Part 3
Sta. 34+04.73, ℄ Commerce St.=
6002 Sta. 65+82.31, ℄ William St.
Top Elev.= 1397.59
+10.29
Prop. Top Valve Box Elev.=1297.7
Prop. FH Bury Line Elev.=1297.7
Prop. SS MH
Top Elev.=1297.4
℄ In=1289.17 (SE)
℄ Out=1289.17 (N)
Prop. SS MH
Top Elev.=1297.3
℄ In=1289.27 (N)
℄ In=1289.85 (W)
℄ Out=1289.27 (S)
Prop. SS MH
Top Elev.=1297.90
℄ Out= 1290.01 (S)
Prop. SS MH
Top Elev.=1298.10
℄ In=1289.53 (N)
℄ In=1289.86 (W)
℄ Out=1289.53 (S)
5' Transition from Full Curb to No Curb
Gas Line To Be Removed By Others during Construction. Coordinate w/Kansas Gas Service, Jim Coe (316) 832-3126.
7" Asphaltic Concrete Pavement (5" Bituminous Base) (BM-2, PG70-28)
Adjust. Elec. Manhole from Elev.= 1297.60 to Elev.= 1297.75 (By Others)
Const. Wheelchair Ramp (Type I) See Sh. No. CU2.10
BENCH MARK LAND SURVEY
Top Elev.= 1397.84
Match Existing @ ℄
Remove Brick Pavers and Stockpile for reuse by others. Bricks shall be cleaned and delivered to Central Maintenance Facility.

COORDINATE LIST		
POINT	NORTH	EAST
6002	1,685,253.6780	1,650,611.5105
6005	1,684,994.0147	1,650,616.2884
6006	1,684,849.0147	1,650,618.9564

6002 = COORDINATE POINT NO.
SEE SHEET NO. CS1.6 FOR PLAT COORDINATES

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS
COMMERCE STREET
STA. 30+00.00 TO STA. 34+04.73
JAMES L. ARMOUR, P.E. – CITY ENGINEER
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Plot: Scale 1:20 10-23-2007 11:10:53 AM by CSL
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BRENT E. REMSBURG — LICENSED — 8168 — 10-26 — KANSAS — PROFESSIONAL ENGINEER

arenadesign CONSORTIUM

WILSON DARNELL MANN ARCHITECTS	ME ENGINEERS
ARCHITECT OF RECORD	ASSOCIATE MECH/ELECT/PLUMBING ENGINEER
105 N. Washington	
Wichita, KS 67202	
McCLUGGAGE VANSICKLE AND PERRY	WALTER P. MOORE
ASSOCIATE ARCHITECT	STRUCTURAL ENGINEER
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HOK SPORT	DESIGN ARCHITECT
	HOSKINS, JOHNSON, HADDON & WILLIAMS, INC.
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	BIGELOW
	FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

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NO.	DATE	DESCRIPTION

KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER
ISSUE DATE: 10-26-2007	

SHEET TITLE:
ROAD IMPROVEMENTS
COMMERCE STREET
STA. 30+00.00 TO STA. 34+04.73

CU2.4

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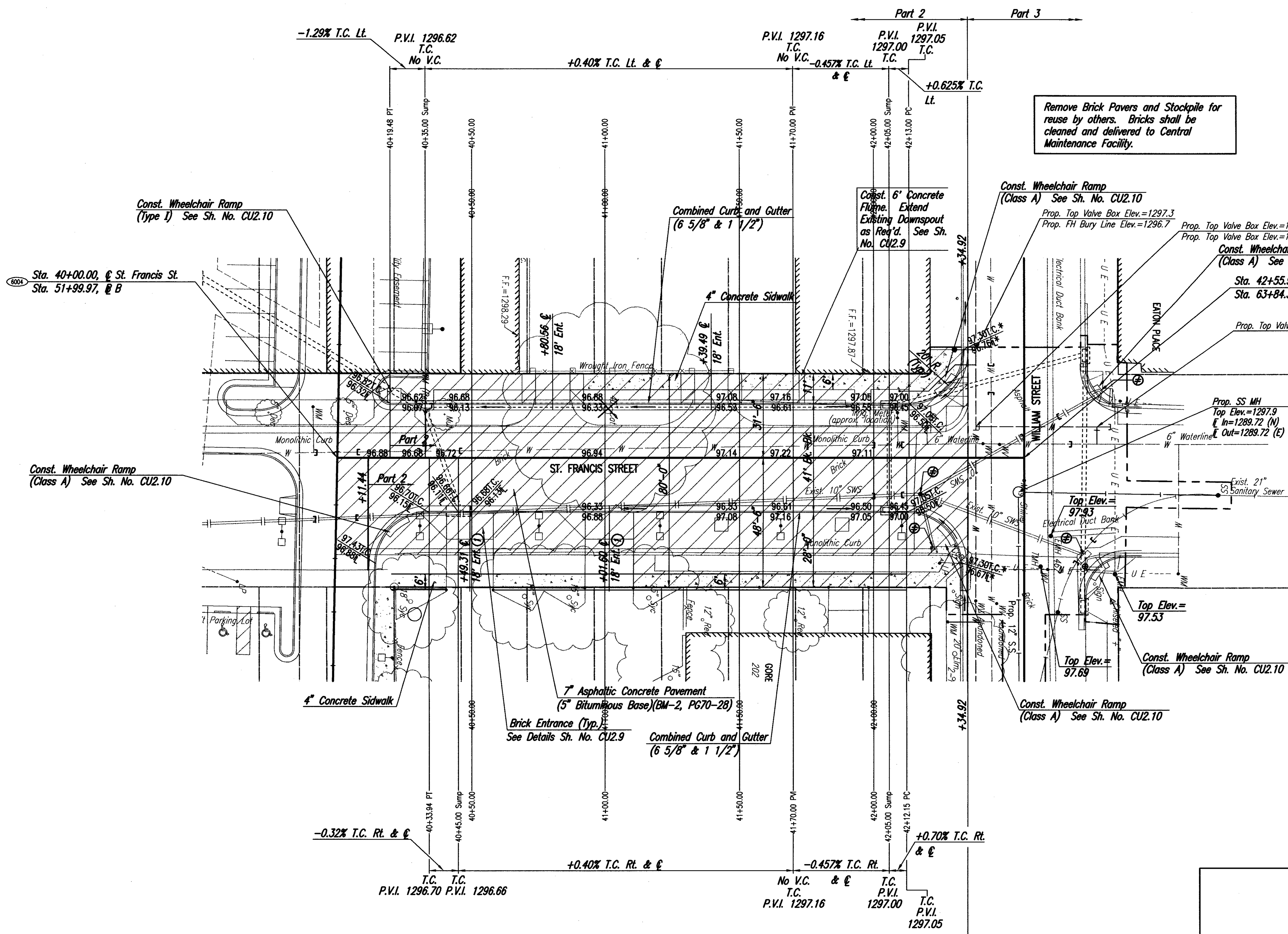
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
ST. FRANCIS STREET	42+37.94	11.6'Lt.	1296.9
ST. FRANCIS STREET	42+37.94	11.6'Lt.	1296.9
ST. FRANCIS STREET	42+37.94	40.5'Lt.	1297.3
ST. FRANCIS STREET	42+83.07	11.6'Lt.	1297.3

SCALE: 0 20 40

LEGEND

- TO BE REMOVED
- TO REMAIN
- MATCH EXISTING
- PAVEMENT REMOVAL
- TREE TO BE REMOVED
- SEE SITE PLAN FOR DRIVE DETAIL

Remove Brick Pavers and Stockpile for reuse by others. Bricks shall be cleaned and delivered to Central Maintenance Facility.



COORDINATE LIST		
POINT	NORTH	EAST
6001	1,685,249.8762	1,650,413.0604
6004	1,684,994.0147	1,650,417.8943

(6004) = COORDINATE POINT NO.
SEE SHEET NO. CS1.6 FOR PLAT COORDINATES

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS
ST. FRANCIS STREET
STA. 40+00.00 TO STA. 42+55.92
JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

Professional Engineering Consultants, P.A.
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Designed by BER | Job No. 35-05493-002-1324 | Sht. CU2.5
Drawn by SAW | Date JULY 2007

Saved 10-18-2007 8:26:08 AM by CSL
Plot Scale 1:20 10-23-2007 11:11:20 AM by CSL
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BRENT E. REMSBERG 8168 KANSAS PROFESSIONAL ENGINEER 10-25-07

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HOK SPORT, DESIGN ARCHITECT
ME ENGINEERS, ASSOCIATE MECH/ELECT/PLUMBING ENGINEER
McCLUGGAGE VANSICKLE AND PERRY, ASSOCIATE ARCHITECT
WALTER P. MOORE, STRUCTURAL ENGINEER
WRIGHTSON, JOHNSON, HADDON & WILLIAMS, INC., AUDIO VISUAL CONSULTANT
ASSSEN LIVINGSTON ASSOCIATES, INC, ASSOCIATE ARCHITECT
PROFESSIONAL ENGINEERING CONSULTANTS, MECH/ELECT/PLUMBING ENGINEER
BIGELOW, FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION OCTOBER 26, 2007

PACKAGE
REVISIONS

NO.	DATE	DESCRIPTION

KEYPLAN

PROJECT NO. 06220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER
ISSUE DATE: 10-26-2007	

SHEET TITLE:
ROAD IMPROVEMENTS ST. FRANCIS STREET STA. 40+00.00 TO STA. 42+55.92

CU2.5

COORDINATE LIST		
POINT	NORTH	EAST
6010	1,684,302.9910	1,650,059.1314

(6010) = COORDINATE POINT NO.
SEE SHEET NO. CS1.6 FOR PLAT COORDINATES

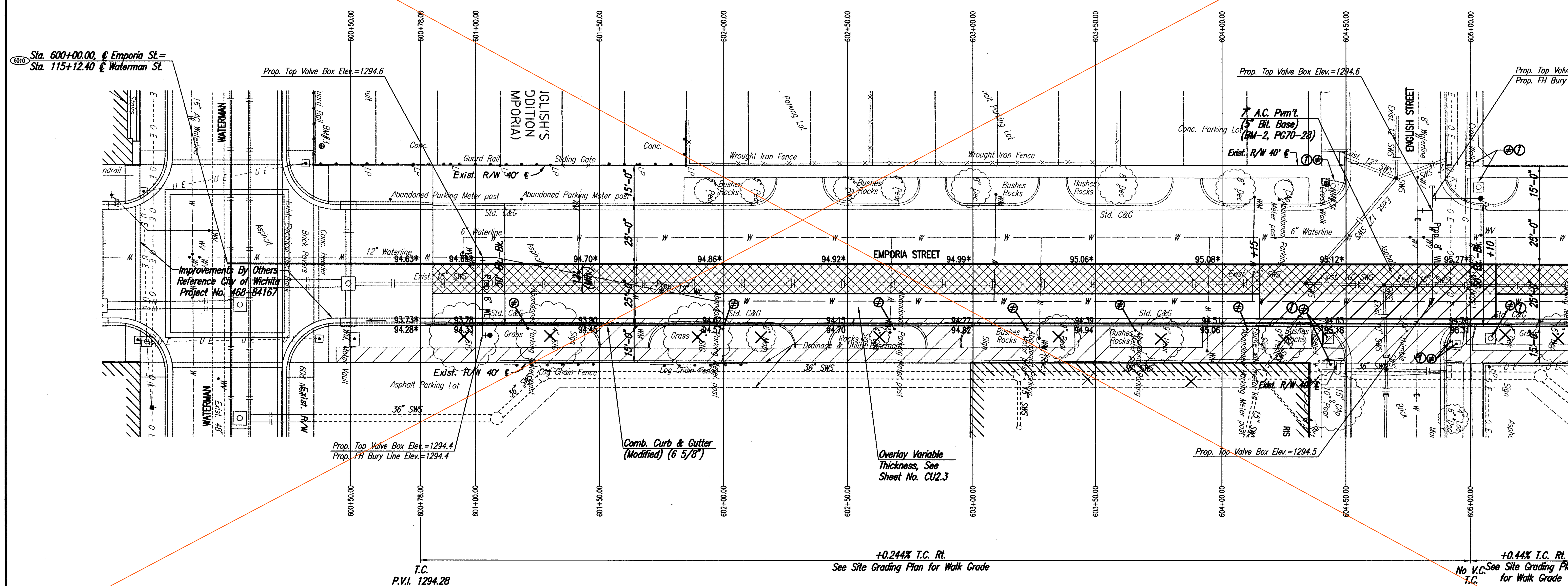
LEGEND

- TO BE REMOVED
- TO REMAIN
- MATCH EXISTING
- TREE TO BE REMOVED
- NOTE: CONTRACTOR SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SALVAGE AND DELIVER TO CENTRAL MAINTENANCE FACILITY.
- DRIVE, CURB & GUTTER, PAVEMENT AND WALK REMOVAL
- 2" MILL (SEE SHEET NO. CU2.3)

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
EMPORIA STREET	601+02.86	2.6'Lt.	1294.6
EMPORIA STREET	601+02.86	28.9'Rt.	1294.4
EMPORIA STREET	604+84.88	15.0'Rt.	1294.5
EMPORIA STREET	604+84.88	21.8'Lt.	1294.6
EMPORIA STREET	604+84.88	26.8'Lt.	1294.4

SCALE:
0 20 40

NOTE: THIS PLAN DEPICTS REMOVALS TO EAST R/W LINE AND STREET CONSTRUCTION TO EAST BACK OF CURB. SEE SITE PLAN FOR PROPOSED IMPROVEMENTS EAST OF EAST BACK OF CURB.



No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS
EMPORIA STREET
STA. 600+00.00 TO STA. 605+00.00
JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

Professional Engineering Consultants, P.A.
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Designed by	BER	Job No. 35-05493-002-1324		Sht. CU2.6
Drawn by	SAW	Date	JULY 2007	

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SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE
REVISIONS
NO. DATE DESCRIPTION

KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER

ISSUE DATE: 10-26-2007

SHEET TITLE:
ROAD IMPROVEMENTS
EMPORIA STREET
STA. 600+00.00 TO STA. 605+00.00

CU2.6

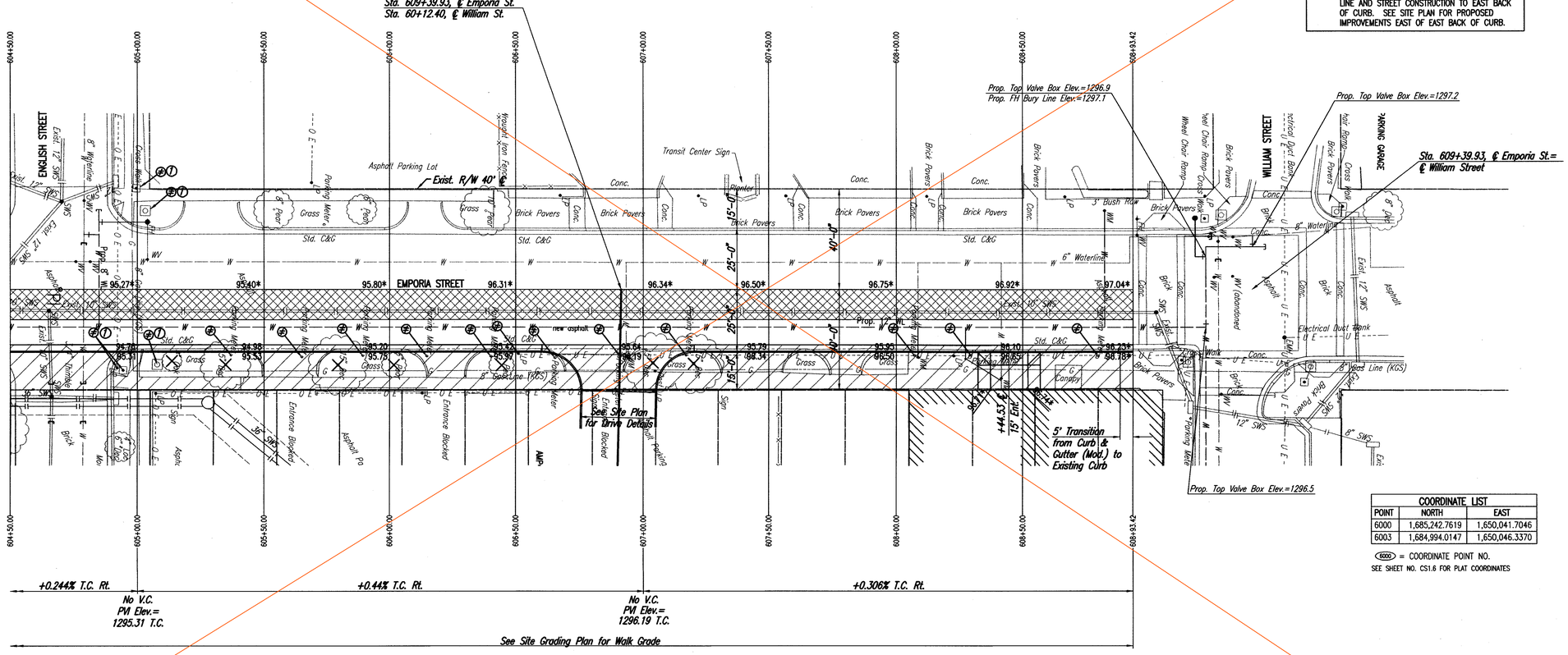
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
EMPORIA STREET	609+21.94	15.0'Rt.	1296.5
EMPORIA STREET	609+21.94	13.0'Lt.	296.9
EMPORIA STREET	609+40.23	17.0'Rt.	1297.2

LEGEND

- TO BE REMOVED
- TO REMAIN
- MATCH EXISTING
- TREE TO BE REMOVED
- NOTE: CONTRACTOR SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SALVAGE AND DELIVER TO CENTRAL MAINTENANCE FACILITY.
- DRIVE, CURB & GUTTER, PAVEMENT AND WALK REMOVAL
- 2" MILL (SEE SHEET NO. CU2.3)

SCALE: 0 20 40

NOTE: THIS PLAN DEPICTS REMOVALS TO EAST R/W LINE AND STREET CONSTRUCTION TO EAST BACK OF CURB. SEE SITE PLAN FOR PROPOSED IMPROVEMENTS EAST OF EAST BACK OF CURB.



COORDINATE LIST		
POINT	NORTH	EAST
6000	1,685,242.7619	1,650,041.7046
6003	1,684,994.0147	1,650,046.3370

6000 = COORDINATE POINT NO.

SEE SHEET NO. CS1.6 FOR PLAT COORDINATES

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS
EMPORIA STREET
STA. 605+00.00 TO STA. 609+39.93
JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

Professional Engineering Consultants, P.A.
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Designed by	BER	Job No. 35-05493-002-1324	Sht. CU2.7
Drawn by	SAW	Date JULY 2007	

Saved 10-18-2007 8:42:24 AM by CSL
Plot Scale 1:20 10-23-2007 11:12:37 AM by CSL
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WRIGHTSON, JOHNSON, HADDON & WILLIAMS, INC
AUDIO VISUAL CONSULTANT

BIGELOW
FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA

500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION OCTOBER 26, 2007

PACKAGE
REVISIONS

NO.	DATE	DESCRIPTION

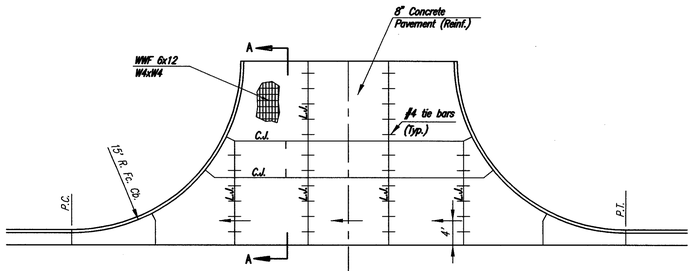
KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER
ISSUE DATE:	10-26-2007

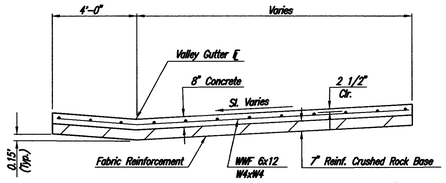
SHEET TITLE:

ROAD IMPROVEMENTS EMPORIA STREET STA. 605+00.00 TO STA. 609+39.95

CU2.7



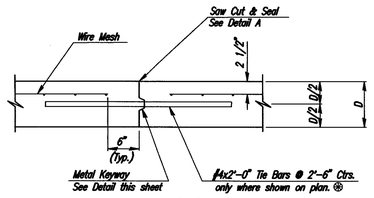
PLAN



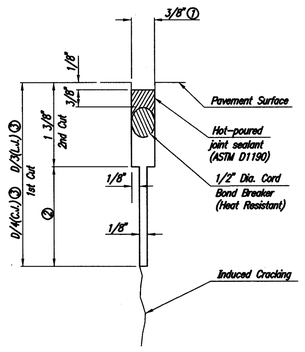
SECTION A-A

NOTE: OMIT REINFORCING MESH AT ALL JOINTS

NOTE: ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER.



LONGITUDINAL CONSTRUCTION JOINT DETAIL
REINFORCED PAVEMENT
(TRANSVERSE SECTION)
(ALTERNATE L.J.)

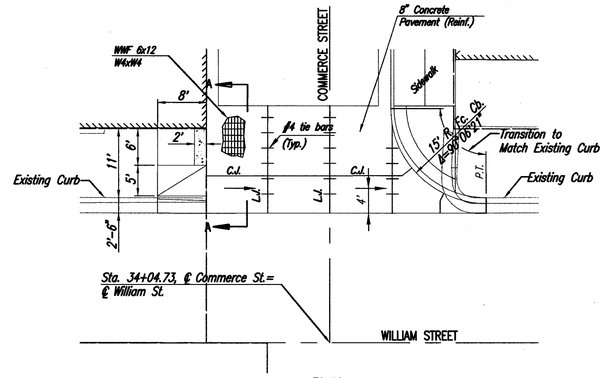


DETAIL A

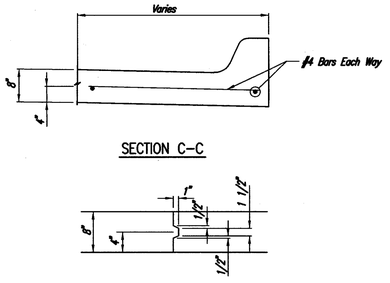
① To be accomplished in 2 cuts for Longitudinal Joints and Contraction Joints. Initial cut to be 1/8" wide.

② Eliminate bottom of cut when metal keyway is used as part of Longitudinal or Transverse Construction Joint and at Doweled Construction Joint Locations.

③ 1 1/2" Minimum (D= 8")

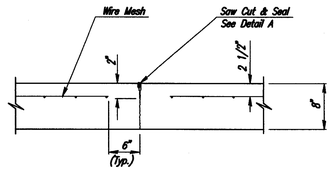


PLAN
COMMERCE ST. & WILLIAM ST.

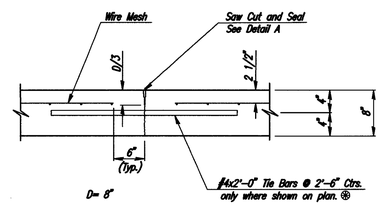


SECTION C-C

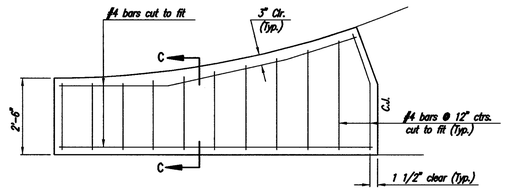
KEYWAY DETAIL



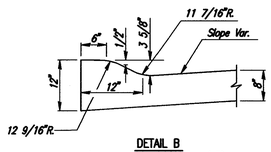
CONTRACTION JOINT DETAIL
REINFORCED PAVEMENT
(C.J.)



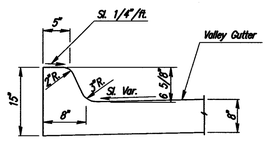
LONGITUDINAL JOINT DETAIL
REINFORCED PAVEMENT
(TRANSVERSE SECTION)



WING REINFORCING DETAIL
NOTE: OMIT WIRE FABRIC REINFORCING IN THIS SECTION.



DETAIL B
(ROLL-TYPE CURB)(3 5/8")



DETAIL C
(STANDARD CURB)(6 5/8")

MONOLITHIC EDGE CURB

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS

VALLEY GUTTER DETAILS

JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

Professional Engineering Consultants, P.A.
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Designed by BER | Job No. 35-05493-002-1324
Drawn by SAW | Date JULY 2007 | SHT. CU2.8

Saved: 10-16-2007, 9:17:52 AM, by CSL
Plotted: 10-16-2007, 11:13:14 AM, by CSL
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BRENT E. REMSBURG — 8168 — 10-26-07 — KANSAS — PROFESSIONAL ENGINEER

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105 N. Washington
Wichita, KS 67202

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GOSSEN LIVINGSTON ASSOCIATES, INC. — ASSOCIATE ARCHITECT

KICK SPORT — ARCHITECT OF RECORD

WALTER P. MOORE — STRUCTURAL ENGINEER

PROFESSIONAL ENGINEERING CONSULTANTS — CONSULTANTS

ME ENGINEERS — ASSOCIATE MECH/ELECT/PLUMBING ENGINEER

WRIGHTSON, JOHNSON, HADDON & WILLIAMS, INC. — AUDIO VISUAL CONSULTANT

BIGELOW — FOOD SERVICE CONSULTANT

MECH/ELECT/PLUMBING ENGINEER

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE

REVISIONS

NO.	DATE	DESCRIPTION

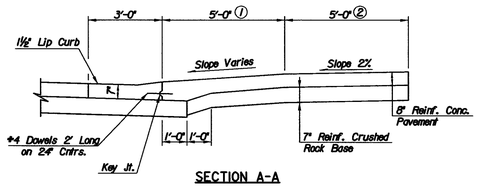
KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER

ISSUE DATE: 10-26-2007

SHEET TITLE: VALLEY GUTTER DETAILS

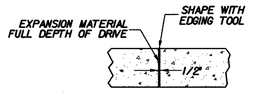
CU2.8



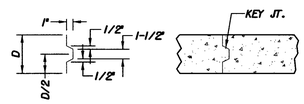
SECTION A-A

CONTRACTION JOINT (C.J.)
OR LONGITUDINAL JOINT (L.J.)

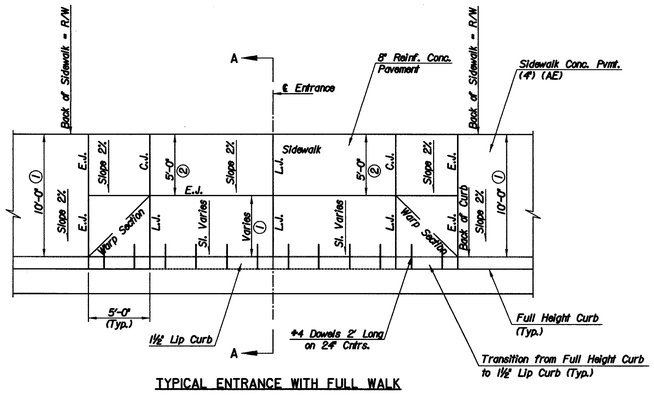
NO SAWN JOINTS WILL BE ALLOWED



EXPANSION JOINT (E.J.)

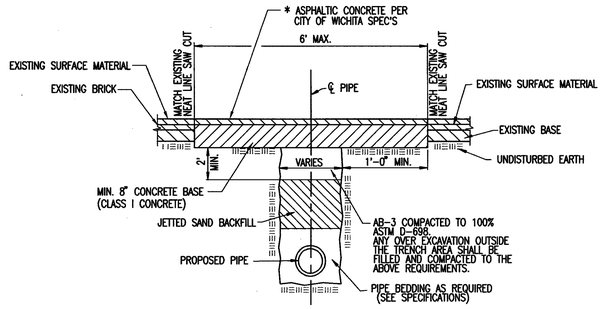


ALT. LONGITUDINAL CONSTRUCTION JOINT



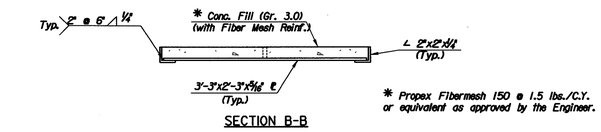
TYPICAL ENTRANCE WITH FULL WALK

① See Plan Sheets for Variations
② 5'-0" Where shown on Plans



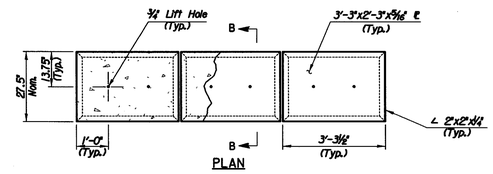
EMPORIA STREET PAVEMENT REMOVAL AND REPLACEMENT

* ASPHALT SURFACING MAY BE INCLUDED WITH EMPORIA STREET OVERLAY UPON PRIOR APPROVAL FROM OWNER.

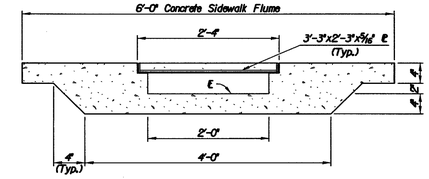


SECTION B-B

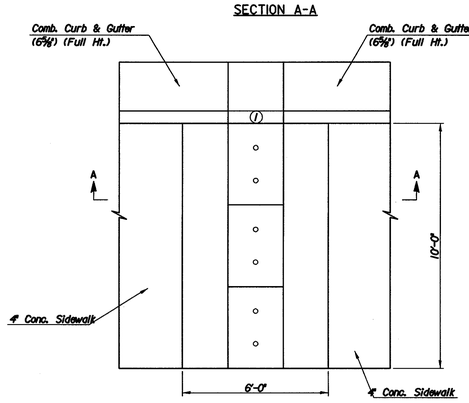
* Propex Fibermesh 150 @ 1.5 lbs./C.Y. or equivalent as approved by the Engineer.



PLAN



SECTION A-A



① No Curb Thru Sidewalk Flume Opening. Retain ℄ of Gutter.

PLAN

CONCRETE SIDEWALK FLUME DETAIL

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS

PAVING DETAILS

JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

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316-262-2691 • FAX 316-262-3003

Designed by	BER	Job No. 35-05493-002-1324	Sht. CU2.9
Drawn by	SAW	Date JULY 2007	

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GOSSEN LIVINGSTON ASSOCIATES, INC ASSOCIATE ARCHITECT	WRIGHTSON, JOHNSON, HADDON & WILLIAMS, INC. CIVIL/STRUCTURAL CONSULTANT
MECH/ELECT/PLUMBING ENGINEER	BIGELOW FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE

REVISIONS

NO.	DATE	DESCRIPTION

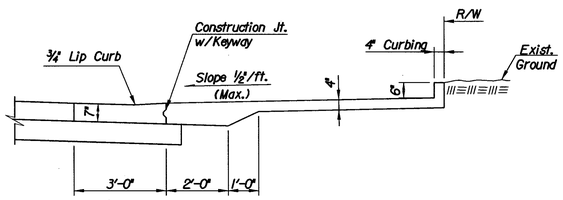
KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER
ISSUE DATE:	10-26-2007

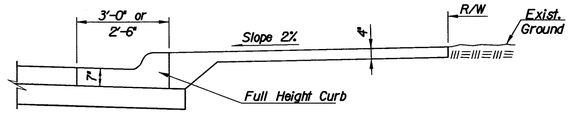
SHEET TITLE:

PAVING DETAILS

CU2.9



SECTION A-A



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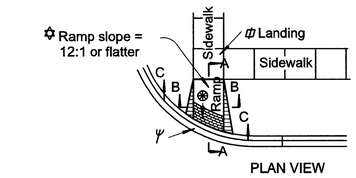
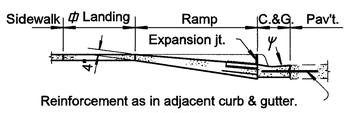
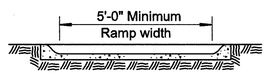


PLAN VIEW



Reinforcement as in adjacent curb & gutter.

SECTION A-A



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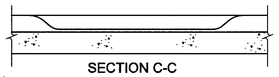
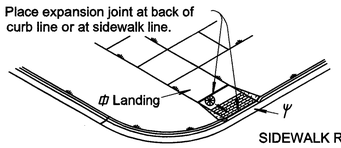


SECTION C-C



SIDEWALK RAMP TYPE I

✡ Ramp slopes in new construction shall be 12:1 or flatter. Desirable ramp slopes on existing sites shall be 12:1 or flatter. Where space limitations prohibit construction of 12:1 slopes at existing sites slopes shall be as follows:
8:1 or flatter for a maximum rise of 3 inches
10:1 or flatter for a maximum rise of 6 inches

⌷ Landing slopes shall be 48:1 or flatter. Landings shall be the same width as the ramp and min. 5'-0" in length.

Ψ The counter slope shall be 20:1 or flatter at the base of sidewalk ramps.

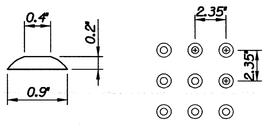
⊛Detectable warning installation is typical and required on Sidewalk Ramps Type 1, and other locations as shown in the plans.

GENERAL NOTES

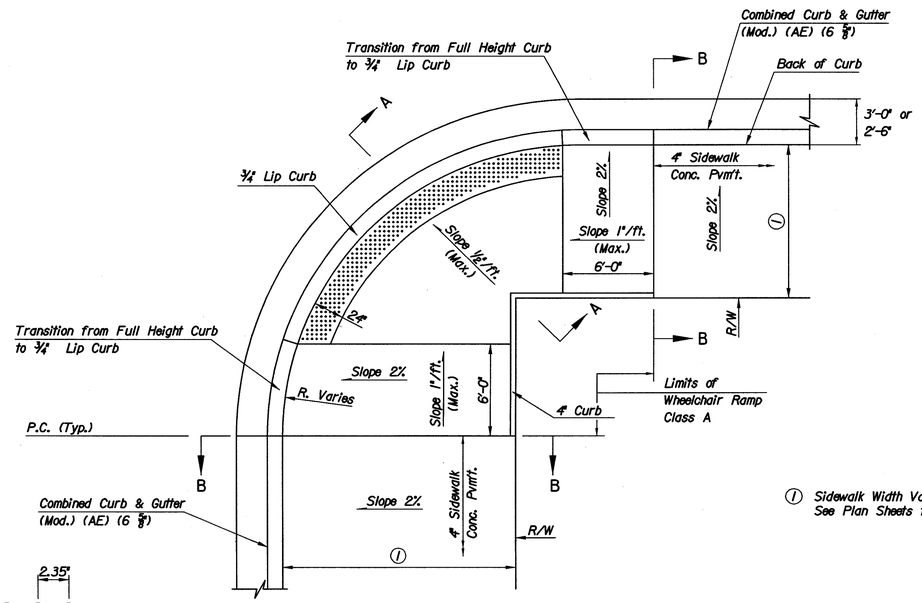
Care shall be taken to assure a uniform grade on the ramp, free of sags and short grade changes.

Where the plans do not require air entrainment for sidewalk and sidewalk ramps, at the Contractor's option,Concrete Grade 3.0 (AE) may be used throughout. Payment will be made as square yards of Sidewalk Construction.

Surface texture of the ramp shall be that obtained by a wooden float or brushed finish to the slope of the ramp.



DOME DETAIL



① Sidewalk Width Varies. See Plan Sheets for Variations.

TYPICAL WHEELCHAIR RAMP (CLASS A)

No.	Revision	By	Date

SEDGWICK COUNTY ARENA
ROAD IMPROVEMENTS

WHEELCHAIR RAMP DETAILS

JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 183 PPP (607879)

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

Designed by BER | Job No. 35-05493-002-1324 | Sht. CU2.10
Drawn by SAW | Date JULY 2007

Saved: 10-18-2007 9:17:00 AM by CSL
Plot Scale: 1:1 10-22-2007 11:14:21 AM by CSL
O:\2005\05493\002\CONSTRUCTION PLANS\41-CU2_10-Wheelchair Ramp Details

arenadesign CONSORTIUM

ARCHITECT OF RECORD: WILSON DARNELL MANN ARCHITECTS, 105 N. Washington, Wichita, KS 67202
DESIGN ARCHITECT: HOK SPORT
STRUCTURAL ENGINEER: McCLURGER VANSICKLE AND PERRY
ASSOCIATE ARCHITECT: GOSSELL LIVINGSTON ASSOCIATES, INC.
M/E ENGINEERS: SCHAEFER MECHELECT/PLUMBING ENGINEER
CIVIL ENGINEER: WRIGHTSON, JOHNSON, HADDON & WILLIAMS, INC.
AUDIO/VISUAL CONSULTANT: AUDIOMATIC
CONSULTANTS: BIGELOW
MECHELECT/PLUMBING ENGINEER: FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA
500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION OCTOBER 26, 2007

PACKAGE

REVISIONS

NO.	DATE	DESCRIPTION

KEYPLAN

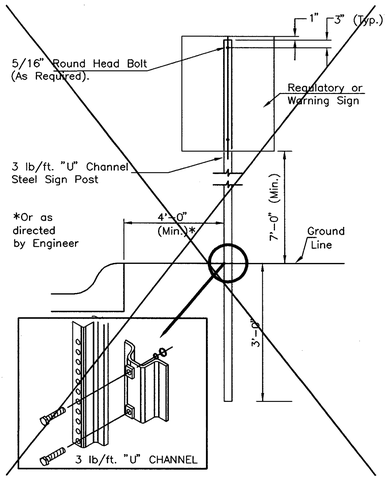
PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER
ISSUE DATE:	10-26-2007

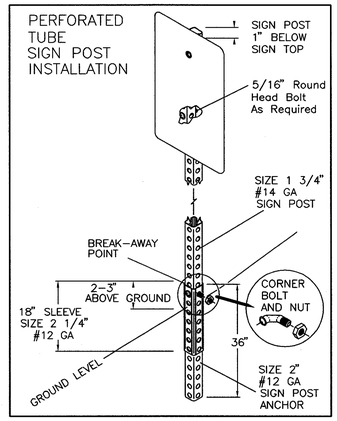
SHEET TITLE: WHEELCHAIR RAMP DETAILS

CU2.10

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202 • 316-262-2691 • FAX 316-262-3003
www.pec1.com

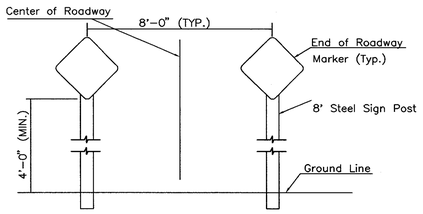
STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	1183 PPP (607879)	2007	CU2.11	



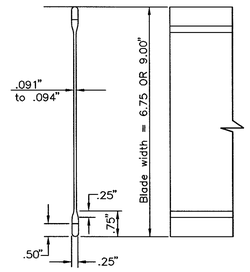


TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION

CURB AND GUTTER SECTION



TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



STREET NAME SIGN

BLADE DETAILS

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

1. *POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.*
2. *POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL BE GALVANIZED AND CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.*
3. *POSTS FOR STREET NAME SIGNS (SNS): POSTS SHALL BE 9 FEET LONG, CONSTRUCTED FROM 2 3/8" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3 LBS./FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE.*
4. *POSTS FOR END OF ROADWAY SIGN TO BE 8' LONG AND INSTALLED A MINIMUM OF 4' FROM ROADWAY TO BOTTOM OF SIGN.*
5. *SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.*
6. *SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 OR 5052-H38 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.*

   MINIMUM BLADE LENGTH SHALL BE 24". MAXIMUM BLADE LENGTH SHALL BE 48". LENGTH VARIES BY INCREMENTS OF 6".

   BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE MOUNTING BRACKETS USING ALLEN-TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.
7. *MOUNTING BRACKETS FOR SIGNS: DIE-CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 5/16" ZINC-PLATED ALLEN-TYPE SET SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.*
8. *FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.*
9. *REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE III, HIGH-INTENSITY TYPE.*
10. *PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.*
11. *DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.*
12. *DETAILS - SNS: THE REFLECTIVE SHEETING FOR THE 6 3/4" STANDARD SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGOUND WITH SILVER-WHITE #2 COPY WITH 4" UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY. BOTH SERIES "C". FACES TO TRIM TO A 6 1/4". (SEE DETAIL A.)*

    THE REFLECTIVE SHEETING FOR THE 9" METRO SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVERWHITE #2 COPY WITH 5" UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY, BOTH SERIES "C". THE CARDINAL DIRECTION CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE AN UPPER CASE, 4" SERIES "C" LETTER. FACES TO TRIM TO A 8 1/2" WIDTH. (SEE DETAIL B.)

    FOR CUL-DE-SAC STREETS, A 9" METRO SIZE BLADE SHALL BE USED WITH THE HOUSE NUMBERS DISPLAYED BENEATH THE STREET NAME. LETTERING TO BE THE SAME AS FOR THE 6 3/4" SIZE BLADE, EXCEPT THAT THE HOUSE NUMBER INFORMATION SHALL BE 4" SERIES "C".

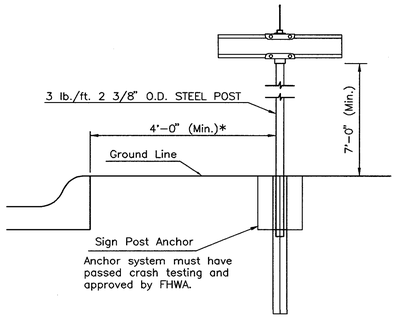
    SHOP DRAWINGS OF LAYOUT FOR SNS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION OF THE CITY OF WICHITA FOR APPROVAL PRIOR TO FABRICATION. THE FINISHED SIGNS AS SUPPLIED SHALL BE OF GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS SCALES OR BLISTERS AND SHALL BE CLEAN-CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.
13. *PERMANENT TRAFFIC CONTROL AND SNS: PERMANENT TRAFFIC CONTROL AND SNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR SIGNING. THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING. POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.*

SIGN ASSEMBLY TABLE

SIGN	SIZE	QUANTITY*	REMARKS
R1-1 (Sta. 33+69, Commerce, 27'Rt.)	30" x 30"	1	Stop
R7-107 (Sta. 33+66, Commerce, 12.5'Lt.)	12" x 18"	1	No Parking 15 Min Loading Only
R7-107 (Sta. 31+80, Commerce, 12.5'Lt.)	12" x 18"	1	No Parking 15 Min Loading Only
R7-108 (Sta. 40+38, St. Francis, 22'Lt.)	12" x 18"	1	2 HR Parking
R7-108 (Sta. 42+13, St. Francis, 22'Lt.)	12" x 18"	1	2 HR Parking
R1-1 (Sta. 64+40, St. Francis, 26'Lt.)	30" x 30"	1	Stop
SNS (Sta. 63+50, William, 27'Lt.)	See Table	1	
SNS (Sta. 33+77, Commerce, 23'Lt.)	See Table	1	

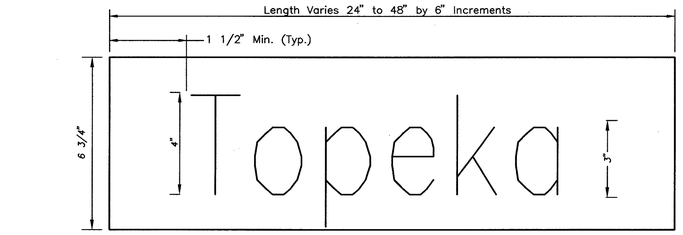
* FOR INFORMATION ONLY

STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
William (600 E)		1
William (500 E)		1
St. Francis (200 S)		1
Commerce (200 S)		1

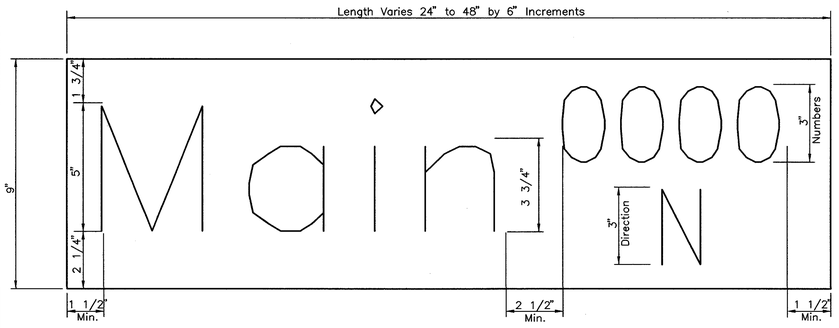


TYPICAL STREET NAME SIGN MOUNTING INSTALLATION

CURB AND GUTTER SECTION



DETAIL A
6 3/4" STANDARD



DETAIL B
9" METRO

SIGNING DETAILS

SCALE: NONE	APPROVED BY	DATE: JUNE '93
DRAWN BY: TM		REVISED: OCT 2002

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
PAUL D. GUNZELMAN, P.E. – TRAFFIC ENGINEER, ENGINEERING DIVISION

CU2.11

Saved 10-18-2007 9:17:30 AM by CSL
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WILSON DARNELL MANN ARCHITECTS	ME ENGINEERS
ARCHITECT OF RECORD	ASSOCIATE MECH/ELECT/PLUMBING
105 N. Washington	ENGINEER
Wichita, KS 67202	
McCLUGAGE VANSICKLE AND PERRY	STRUCTURAL ENGINEER
ASSOCIATE ARCHITECT	PROFESSIONAL ENGINEERING
GOSSEN LIVINGSTON ASSOCIATES, INC.	CONSULTANTS
ASSOCIATE ARCHITECT	MECH/ELECT/PLUMBING ENGINEER

WRIGHTSON, JOHNSON, HADDON & WILLIAMS, INC.
AUDIO VISUAL CONSULTANT
BRGELOW
FOOD SERVICE CONSULTANT

SEDGWICK COUNTY ARENA

500 E. WATERMAN, WICHITA, KS 67202

FOR CONSTRUCTION
OCTOBER 26, 2007

PACKAGE

REVISIONS

NO.	DATE	DESCRIPTION

KEYPLAN

PROJECT NO. 05220	ISSUED BY: PEC
DRAWN BY: SAW	REVIEWED BY: BER

ISSUE DATE: 10-26-2007

SHEET TITLE:

SIGNING DETAILS

CU2.11

Professional Engineering Consultants, P.A.
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www.pec1.com