

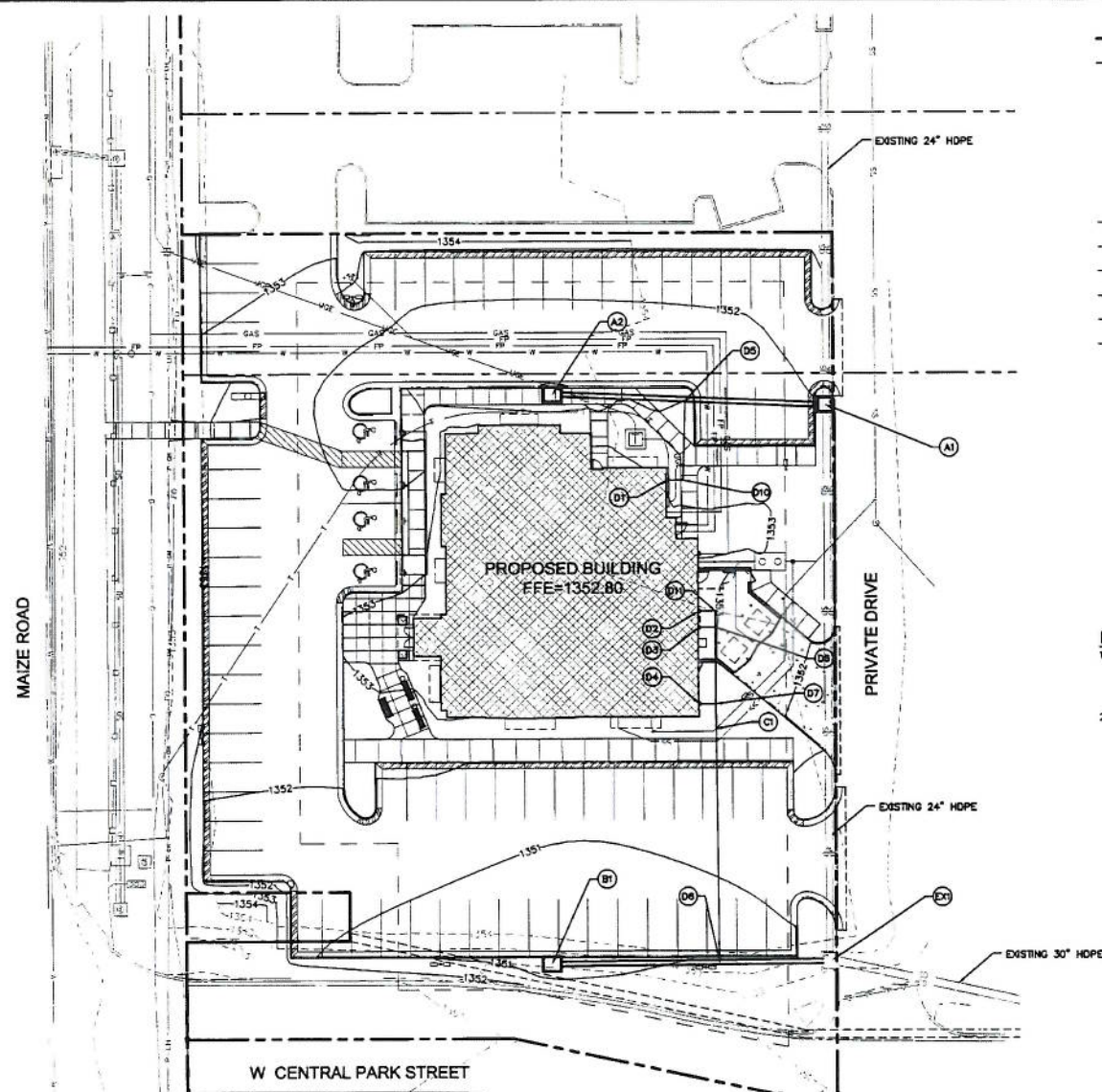
0031 PPD (607861)

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
ENGINEERING *Julianne Kellman 8-12-11*
STORMWATER *Tom Finkbeiner*

NOTE TO CONTRACTORS

INSPECTION AND TESTING FOR THIS PROJECT ARE TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH 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 WITHOUT SUCH INSPECTION, NOR SHALL ANY WORK BE COMMENCED WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

MAIZE ROAD



LEGEND

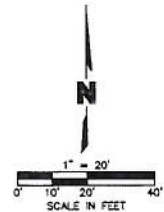
	PROPERTY LINE
	LOT LINE
	CONSTRUCT CONCRETE CURB & GUTTER
	CONSTRUCT CONCRETE DRY CURB & GUTTER
	CONSTRUCT STORM SEWER
	INSTALL SANITARY SEWER SERVICE
	INSTALL ELECTRICAL LINE
	INSTALL DOMESTIC WATER SERVICE
	INSTALL FIRE PROTECTION LINE
	INSTALL GAS SERVICE
	INSTALL TELEPHONE SERVICE

NOTES

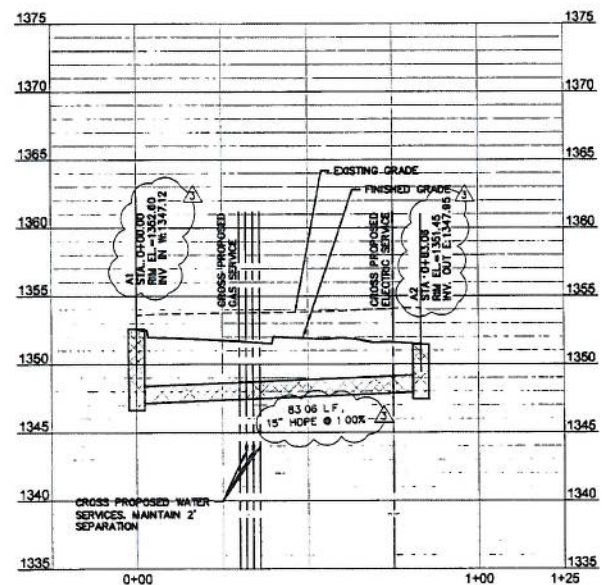
- EXISTING STORM LOCATIONS AND ELEVATIONS BASED ON DEVELOPMENT DESIGN DOCUMENTS DATED 2-22-11 BY SZARK ENGINEERING. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION NOTIFY ENGINEER OF DISCREPANCIES.
- CONTRACTOR TO INSTALL ALL BENDS, FITTINGS AND PIPE NECESSARY FOR STORM SEWER CONNECTIONS.

STORM SEWER KEYNOTES:

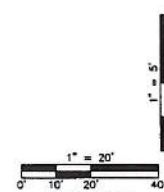
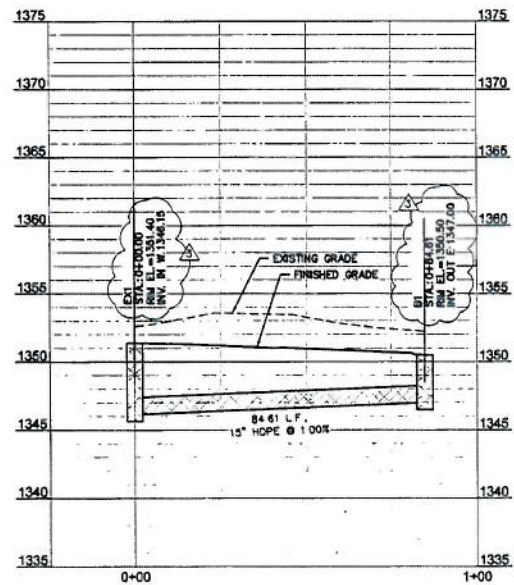
- STORM SEWER**
- E1 CONNECT TO EXISTING CURB INLET
RIM EL.=1351.40±
 - A1 CONSTRUCT 4"x4" JUNCTION BOX OVER EXISTING 24" PIPE
N 5089+56, E 5026+79
RIM EL.=1352.60
 - A2 CONSTRUCT 5"x4" NON-SETBACK CURB INLET
N 5089+75, E 5018+79
RIM EL.=1351.45
 - B1 CONSTRUCT 5"x4" NON-SETBACK CURB INLET
N 5072+01, E 5018+84
RIM EL.=1350.50
- ROOF DRAINS**
- D1 CONNECT TO 4" ROOF DRAIN. INSTALL 8"x4" REDUCER AND 29.79 LF OF 8" HOPE PIPE @ 12.50% CONNECT TO TEE (D5) SEE MEP PLANS FOR BUILDING CONNECTION
FL @ BLDG=1351.30
 - D2 CONNECT TO 4" ROOF DRAIN. INSTALL 8"x4" REDUCER AND 33.46 LF OF 8" HOPE PIPE @ 10.82% CONNECT TO TEE (D7) SEE MEP PLANS FOR BUILDING CONNECTION
FL @ BLDG=1351.30
 - D3 CONNECT TO 4" ROOF DRAIN. INSTALL 8"x4" REDUCER AND 5.00 LF OF 8" HOPE PIPE @ 10.00% CONNECT TO TEE (D6) SEE MEP PLANS FOR BUILDING CONNECTION
FL @ BLDG=1350.73
 - D4 CONNECT TO 4" ROOF DRAIN. INSTALL 8"x4" REDUCER AND 5.00 LF OF 8" HOPE PIPE @ 11.00% CONNECT TO TEE (D7) SEE MEP PLANS FOR BUILDING CONNECTION
FL @ BLDG=1348.23
 - D5 INSTALL 15"x15" TEE AND 15"x8" REDUCER
FL @ TEE=1347.55
 - D6 INSTALL 8"x8" TEE
FL @ TEE=1350.22
 - D7 INSTALL 8"x8"x8" TEE AND 79.23 LF OF 8" HOPE PIPE @ 1.50% CONNECT TO TEE (D8)
FL @ TEE(D7)=1347.68
 - D8 INSTALL 15"x15" TEE AND 15"x8" REDUCER
FL @ TEE=1346.49
 - D10 INSTALL 8" 90° HOPE BEND
 - D11 INSTALL 8" 90° HOPE BEND
- STORM CROSSINGS**
- C1 FL 8" SANITARY=1349.34
FL 8" STORM=1347.57



STORM LINE A



STORM LINE B



Owen F. Slagle III

Architect

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www.molsson.com

QA PROJECT # 011-0208



Issue Date 6-10-11

REVISION INFORMATION

1	6-10-11
2	PERMIT COMMENTS
3	7-25-11
	FIELD CHANGES

Restaurant # 1110047

LONGHORN
LH-7.5R

Prototype current thru 2-15-2011

CENTRAL PARK PLAZA
NWQ W. 21st ST.

FA11-110

WICHITA, KS 67205

STORM SEWER PLAN
AND PROFILE

C3 2

F:\PROJECTS\CH-0630\LDV\Drawings\Projects_Construction_Documents\110630_CSD_400_DATE Jul 26, 2011 3:15pm USER: haultbracker XREFS: 110630_XBASE 110630_CD_PBASE 110630_TBLK RYAN_DUGDALE_PE_LAS

MAIZE ROAD

W. CENTRAL PARK STREET

PROPOSED BUILDING
FFE=1353.30

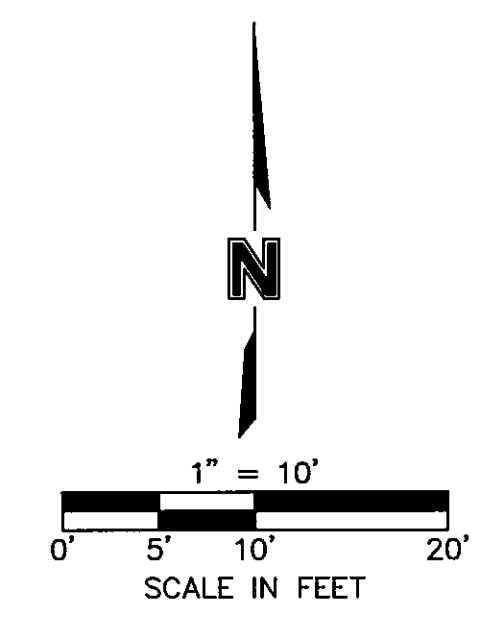
PRIVATE DRIVE

LEGEND

- PROPERTY LINE
- LOT LINE
- - - - - 830 EXISTING CONTOUR
- 850 PROPOSED CONTOUR
- TC 939.25 TOP OF CURB SPOT ELEVATION
- TP 938.75 TOP OF PAVEMENT SPOT ELEVATION
- FG 939.25 FINISHED GRADE SPOT ELEVATION
- TI 938.75 TOP OF INLET SPOT ELEVATION
- [Symbol] TRUNCATED DOMES
- [Symbol] RAMP

GRADING NOTES

- 1 THE GRADING CONTRACTOR SHALL COORDINATE THE SITE GRADING WITH PROPOSED UTILITY CONSTRUCTION
- 2 THE PROPOSED CONTOURS REPRESENT TOP OF PAVEMENT/SIDEWALK THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE CROSS-SECTION DEPTH AND SHALL ADJUST THE SUBGRADE ELEVATION AND QUANTITIES ACCORDINGLY PRIOR TO BEGINNING GRADING OPERATIONS
- 3 LARGE STONES, STICKS AND LUMPS SHALL BE REMOVED OR BROKEN UP, AND THE TOPSOIL SHALL BE LEVELED AND RAKED TO MATCH ADJACENT GRADES, READY FOR SEEDING ANY ROCK OR SAND FROM PAVING ACTIVITIES SHALL BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL ALL EXCESS SOILS, NOT RE-Spread WITHIN THE PROJECT LIMITS, SHALL BE REMOVED BY THE CONTRACTOR PAYMENT FOR REMOVAL OF EXCESS SOILS, IF NECESSARY, WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION
- 4 ANY OFF-SITE FILL MATERIAL SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT
- 5 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION
- 6 ALL SLOPES ARE TO BE 3:1 OR FLATTER UNLESS OTHERWISE INDICATED
- 7 CONTRACTOR SHALL GRADE TO CONTOURS SHOWN IN GREEN SPACES
- 8 THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT
- 9 THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND TO THE BEST OF OUR KNOWLEDGE CONSTITUTES ALL KNOWN FACILITIES THE CONTRACTOR SHALL USE CAUTION AROUND ANY EXISTING UTILITIES SHOWN AND IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY OTHER EXISTING UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UNDERGROUND SERVICE ALERT @ 1-800-344-7233 IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY THE NEW CONSTRUCTION
- 10 BEFORE EXCAVATING THE CONTRACTOR SHALL FIELD VERIFY LOCATION OF UNDERGROUND UTILITIES CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES
- 11 PRIOR TO MOVING OFF THE JOB THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER TO DO A FINAL WALK-THROUGH OF THE CONSTRUCTION SITE
- 12 A HAULING PERMIT MAY BE REQUIRED FOR ANY EXCAVATED MATERIAL THAT IS HAULED ON OR OFF THE SITE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS
- 13 CONTRACTOR SHALL COMPLETE ALL NECESSARY PERMITS AND INSPECTIONS PRIOR TO CONSTRUCTION
- 14 ALL GRADING IN ADA ACCESSIBLE AREAS SHALL COMPLY WITH ADA REGULATIONS
- 15 GRADING ALONG NORTH PROPERTY LINE TO MATCH PANDA EXPRESS ELEVATIONS ELEVATIONS SHOWN ON THESE PLANS ARE FROM PANDA EXPRESS CONSTRUCTION DOCUMENTS CONTRACTOR TO FIELD VERIFY EXISTING ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES
- 16 EXISTING CONTOURS SHOWN REPRESENT SITE GRADING PRIOR TO CONSTRUCTION OF PRIVATE DRIVE AND STORM SEWER PRESENT DAY GRADES MAY DIFFER FROM THOSE SHOWN ON THESE PLANS NOTIFY ENGINEER OF ANY DISCREPANCIES
- 17 CONTRACTOR TO NOTIFY ENGINEER OF ALL DRIVE ENTRANCE SLOPES PRIOR TO INSTALLATION



Owen F. Slagle III
Architect

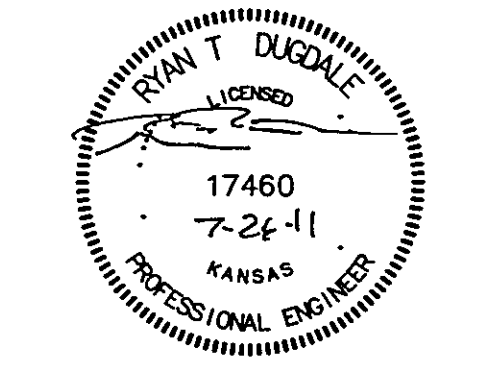
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OA PROJECT # 011-0830



Issue Date 6-10-11

REVISION INFORMATION

NO.	DATE	REVISION
1	6-10-11	PERMIT COMMENTS
2	6-28-11	REVISION 2
3	7-25-11	FIELD CHANGES

Restaurant # 1110047

LONGHORN
LH-7.SR
Prototype current thru 2-25-2011
CENTRAL PARK PLAZA
NWQ W. 21st ST.

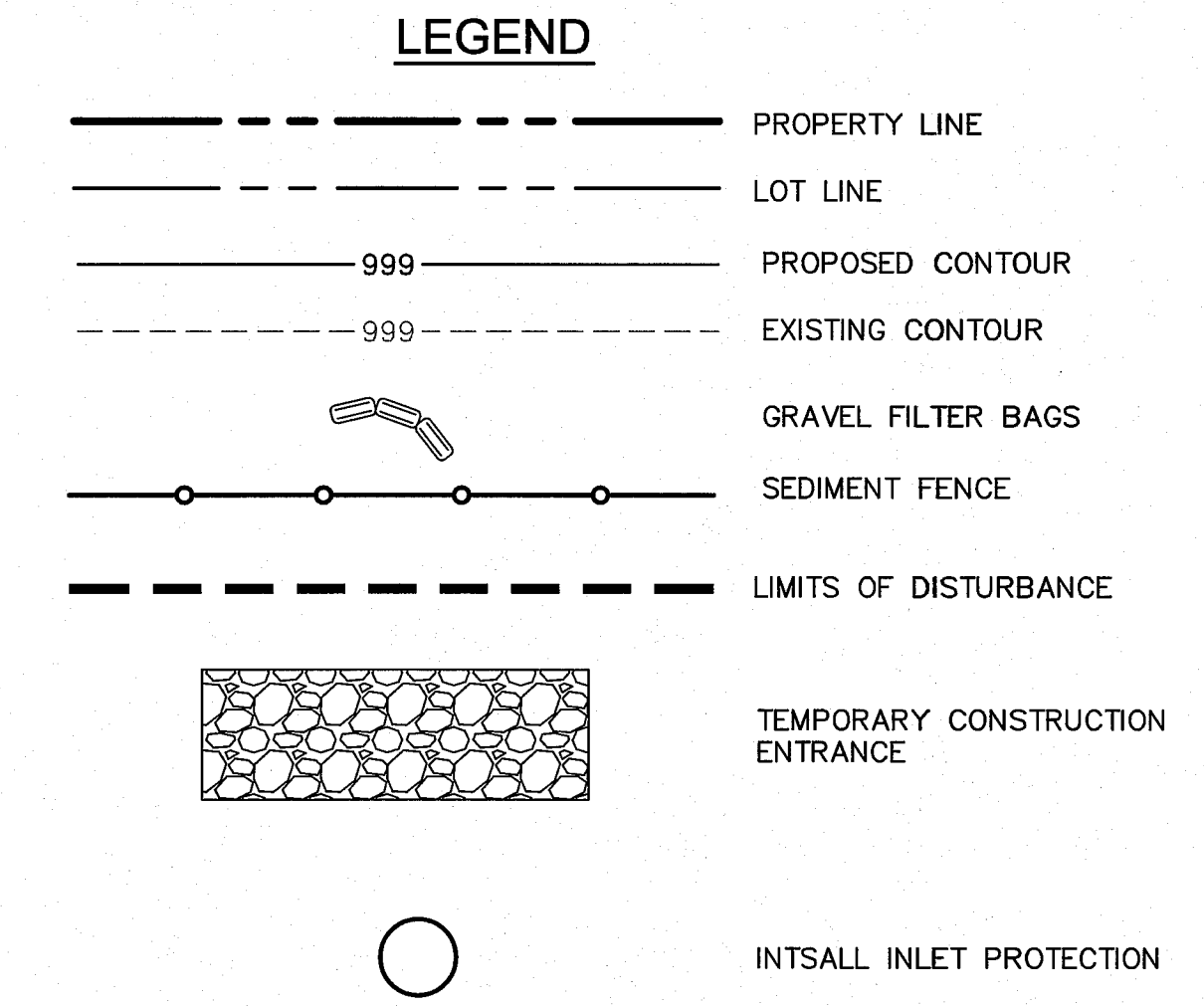
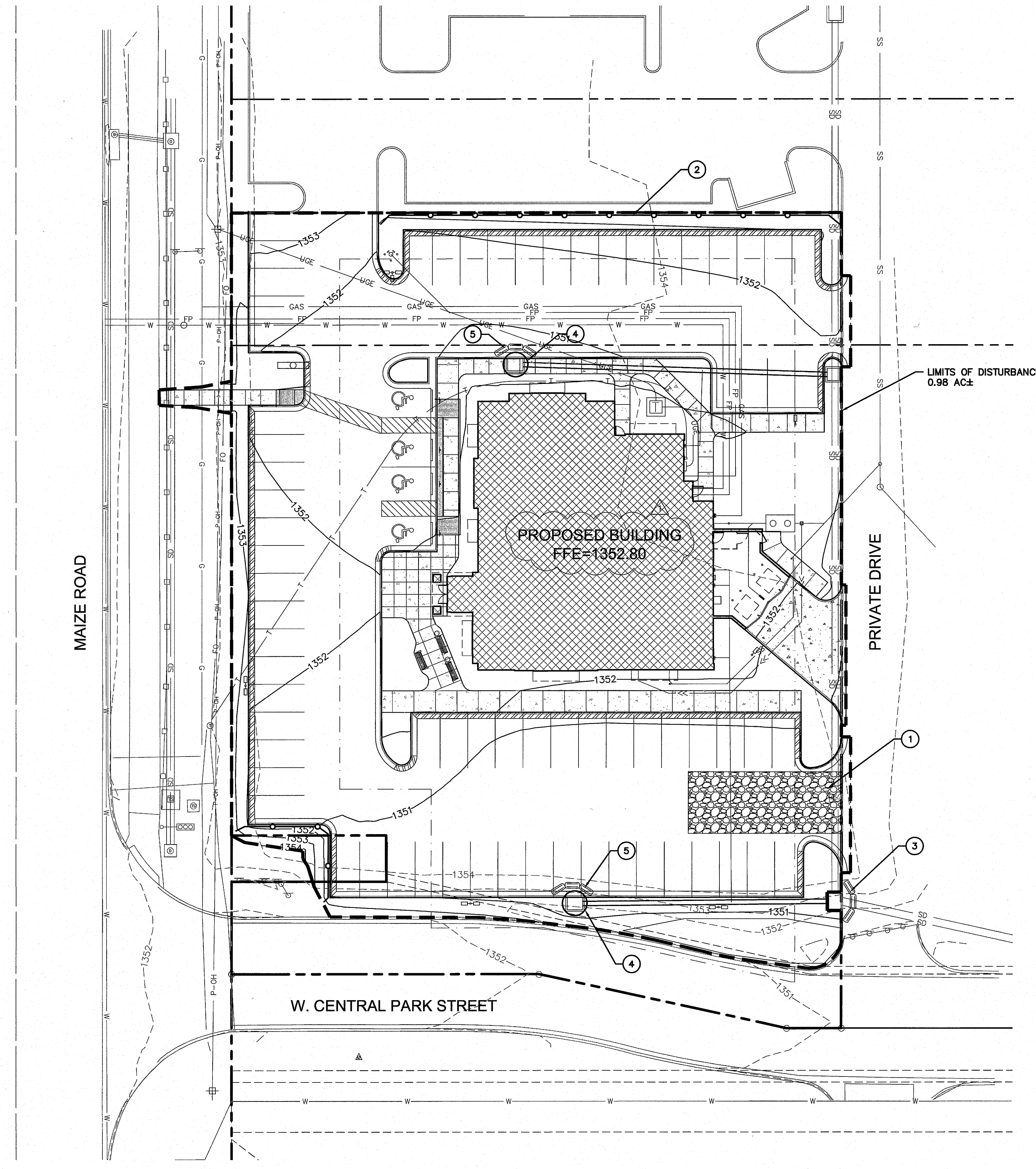
FA11-110

WICHITA, KS 67205

GRADING PLAN

C2.1

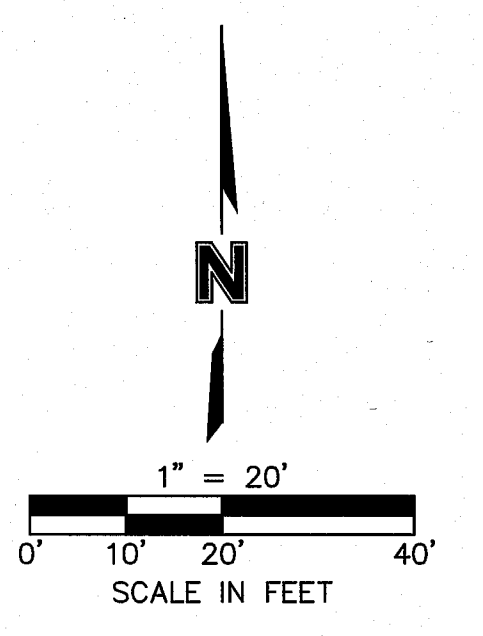
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 RYAN_DUGDALE_PE_KS



EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION & SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
2. EROSION CONTROL IS THE CONTRACTOR'S RESPONSIBILITY. THIS PLAN SHOULD BE USED AS A GUIDE AND REPRESENTS THE MINIMUM EROSION CONTROL DEVICES REQUIRED.
3. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
4. CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND REPAIRING ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH RAINFALL EVENT.
5. THE CONTRACTOR SHALL PROVIDE ANY FURTHER EROSION MEASURES IN ADDITION TO THOSE LISTED TO ENSURE THAT SILT WILL NOT LEAVE THE PROJECT CONFINES.
6. CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
7. CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AT COMPLETION OF CONSTRUCTION.
8. THE CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, FLUMES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
9. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY STABILIZATION REQUIRED.
10. THE CONTRACTOR SHALL PROVIDE A TEMPORARY CONSTRUCTION ENTRANCE FOR VEHICULAR TRAFFIC AT LOCATION SHOWN.
11. ALL EROSION CONTROL DEVICES SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND DESIGN CRITERIA OF THE ENGINEERING DIVISION, DEPARTMENT OF PUBLIC WORKS, CITY OF WICHITA, KS.
12. REFERENCE DETAILS C4.1 SHEET FOR TYPICAL EROSION CONTROL DEVICE DETAILS.
13. THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE STREETS OF DEPOSITED MUD AS FREQUENTLY AS NEEDED AS DETERMINED BY THE CITY TO KEEP THEM USABLE AND TO CONTROL DUST.
14. SEE LANDSCAPE PLANS FOR SEE APPLICATION TO ALL DISTURBED AREA NOT CALLING FOR OTHER SURFACES.

EROSION AND SEDIMENT CONTROL STAGING CHART				
PROJECT STAGE	EROSION CONTROL PLAN BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRIOR TO ON SITE GRADING	1	TEMPORARY CONSTRUCTION ENTRANCE	D	INSTALL AS INDICATED ON PLANS
	2	TEMPORARY SLOPE BARRIER (SEDIMENT FENCE)	D	INSTALL AT INDICATED ON PLANS
	3	GRAVEL FILTER BAGS	D	INSTALL AS INDICATED ON PLANS
B - STORM SEWER INSTALLATION	4	SEDIMENT FENCE INLET PROTECTION	D	INSTALL AS INDICATED ON PLANS
C - CONSTRUCTION	5	INLET PROTECTION (GRAVEL FILTER BAGS)	D	INSTALL AS INDICATED ON PLANS
D - FINAL STABILIZATION	6	REPLACE TOP SOIL, SEED, MULCH, SOD, LANDSCAPE		INSTALL AS INDICATED ON PLANS AFTER PAVEMENT CONSTRUCTION

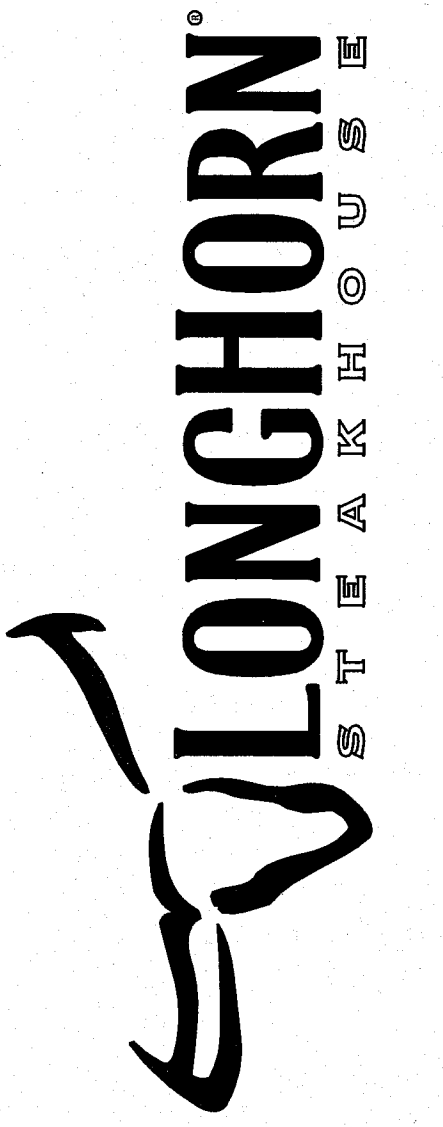
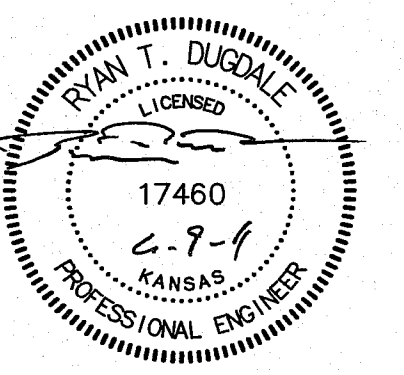


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 Architect
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 Fax: (412) 828-5715

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OA PROJECT # 011-0630



Issue Date: 6-10-11

REVISION INFORMATION

1	6-10-11
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PERMIT COMMENTS

Restaurant #: 1110047

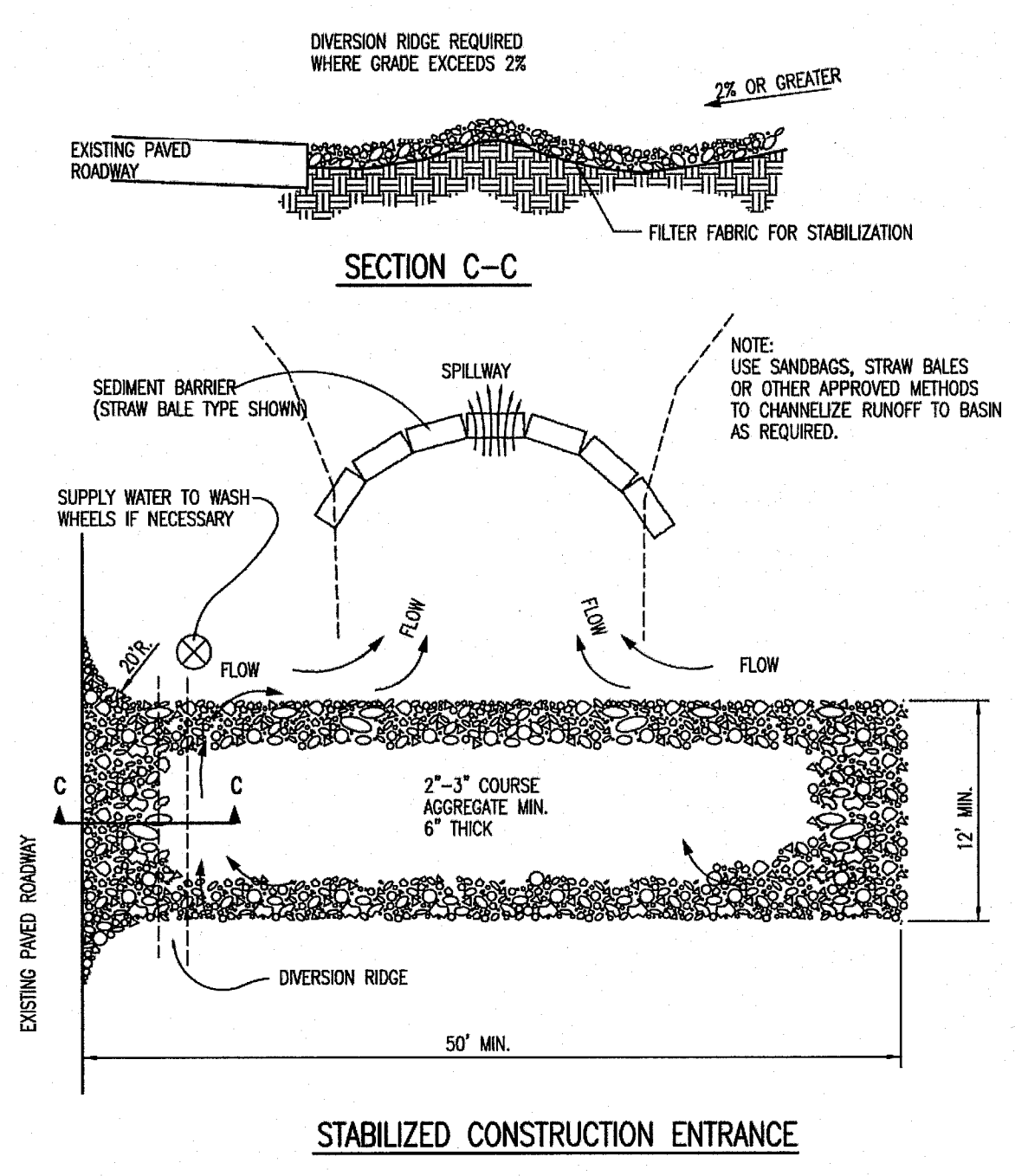
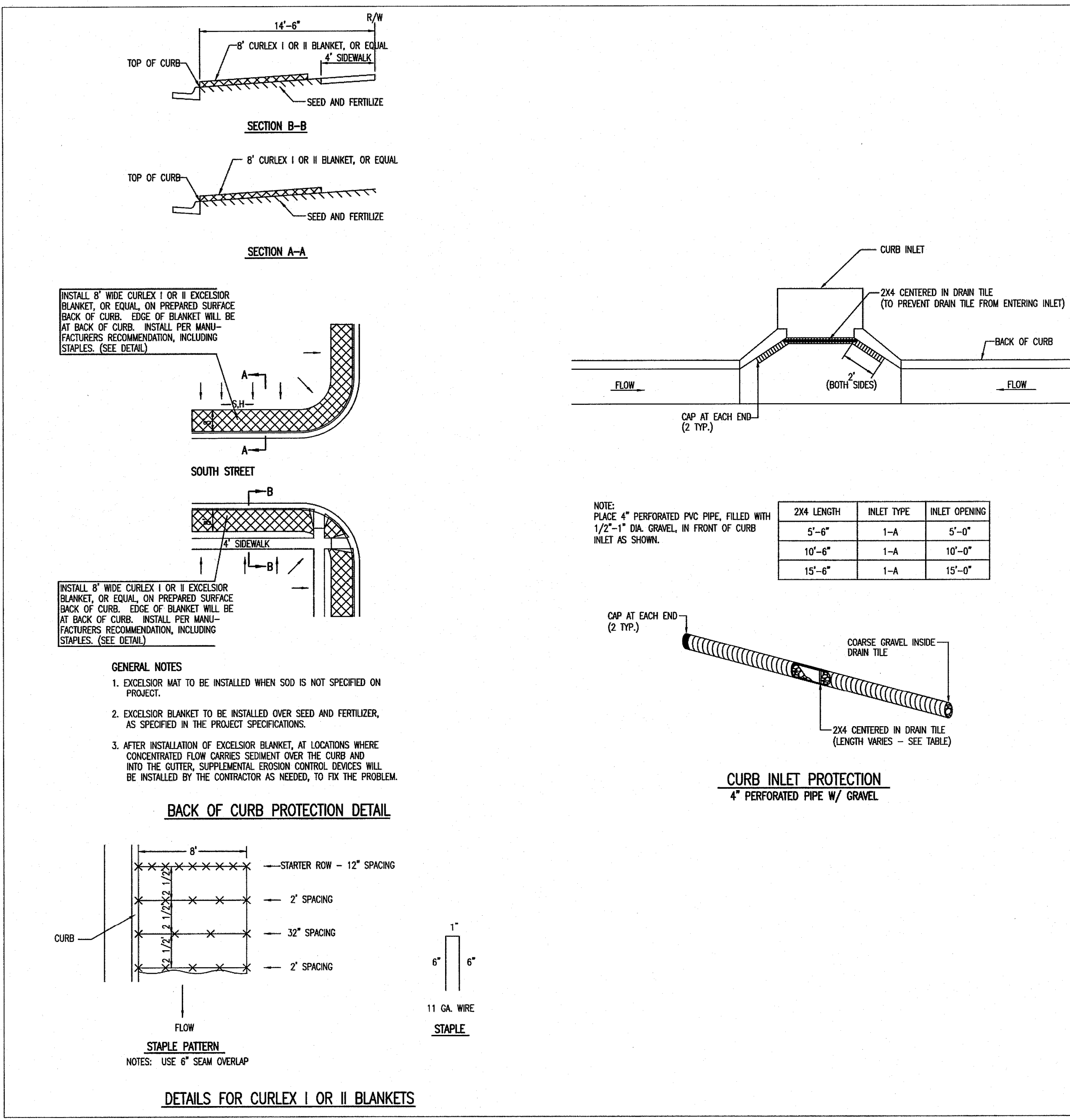
LONGHORN LH-7.5R
 Prototype current thru - 2-25-2011
CENTRAL PARK PLAZA
 NWQ W. 21st ST.

FA11-110

WICHITA, KS 67205

EROSION CONTROL PLAN

C2.2



CITY OF WICHITA
PUBLIC WORKS & UTILITIES

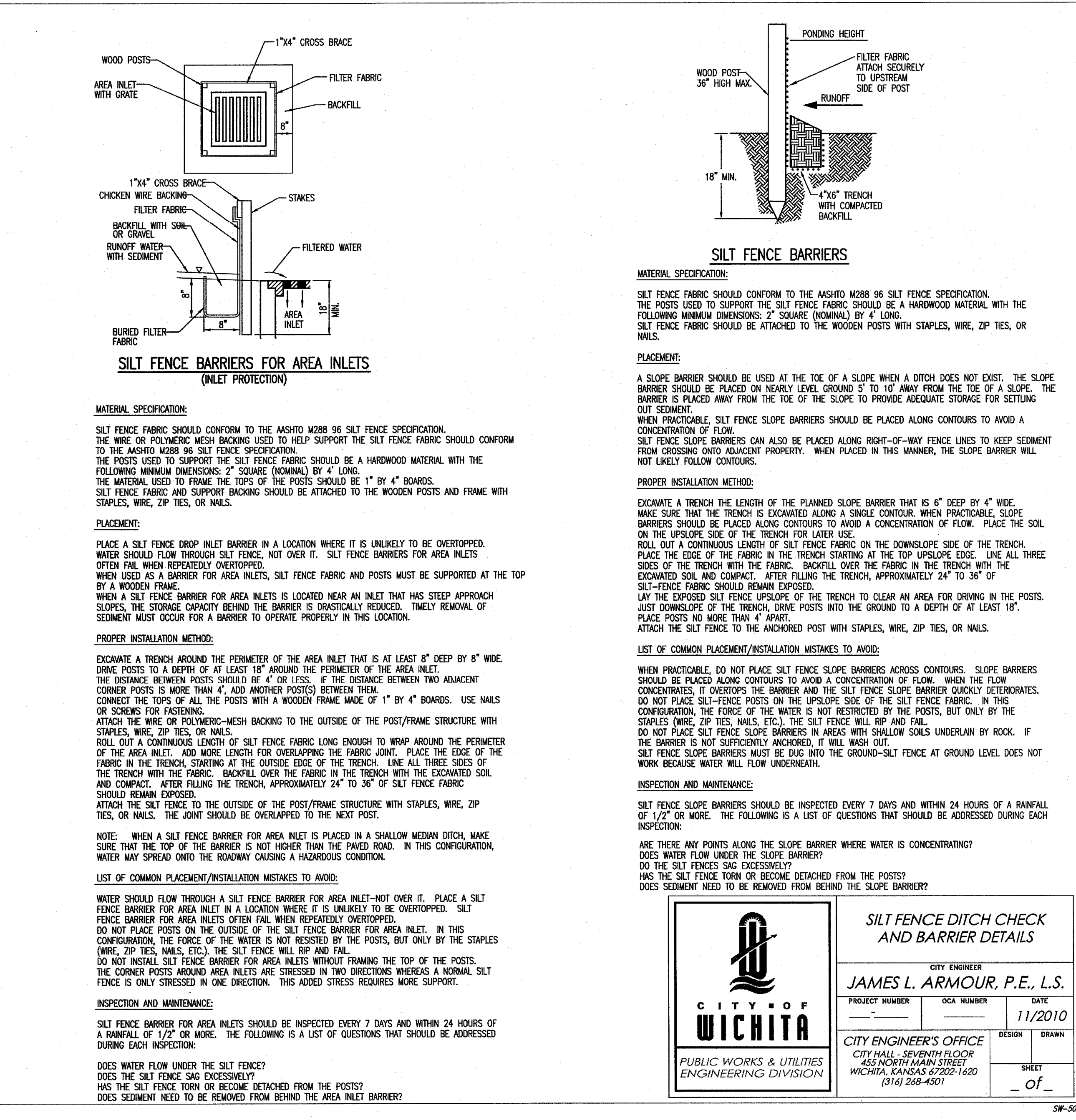
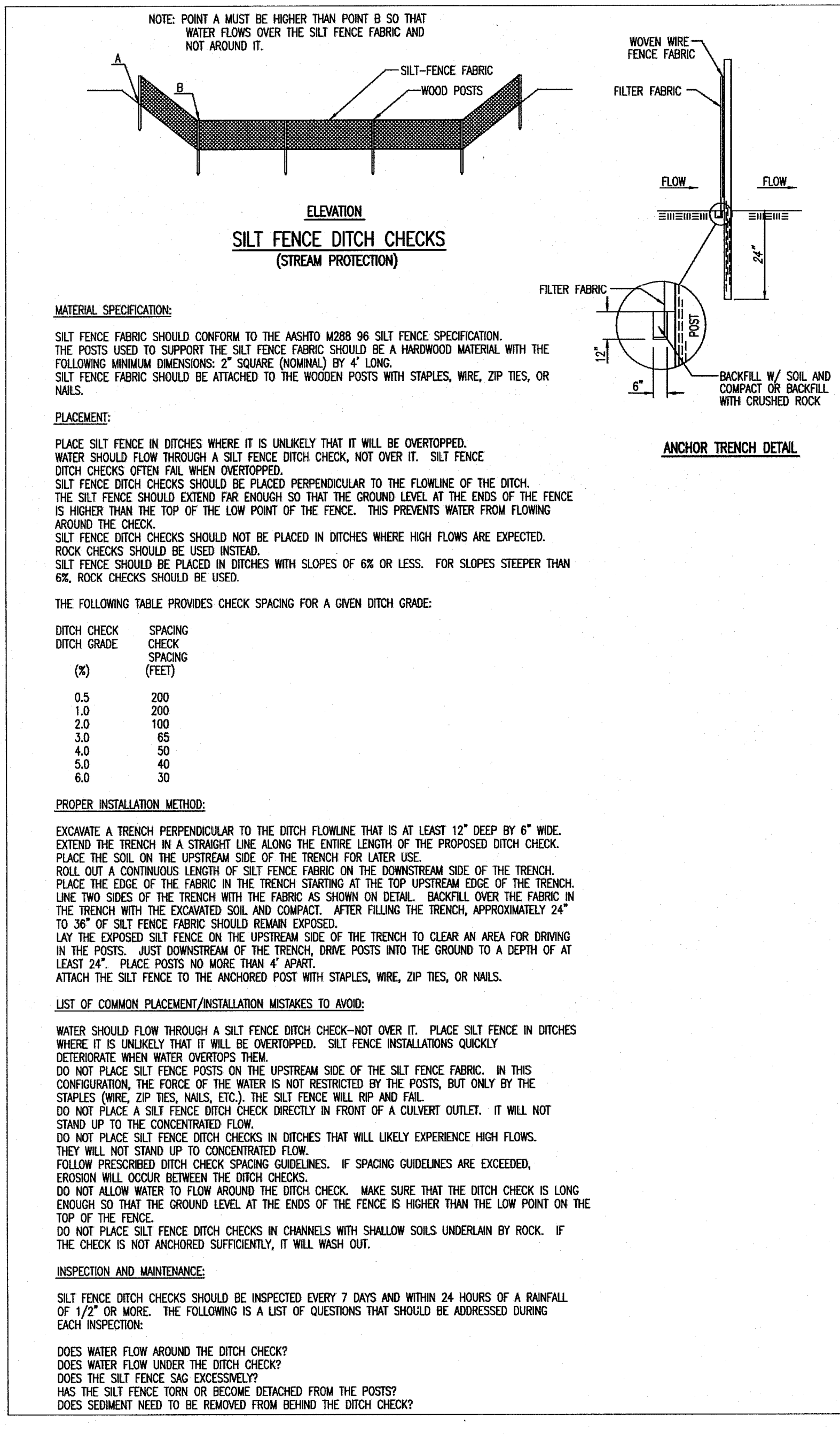
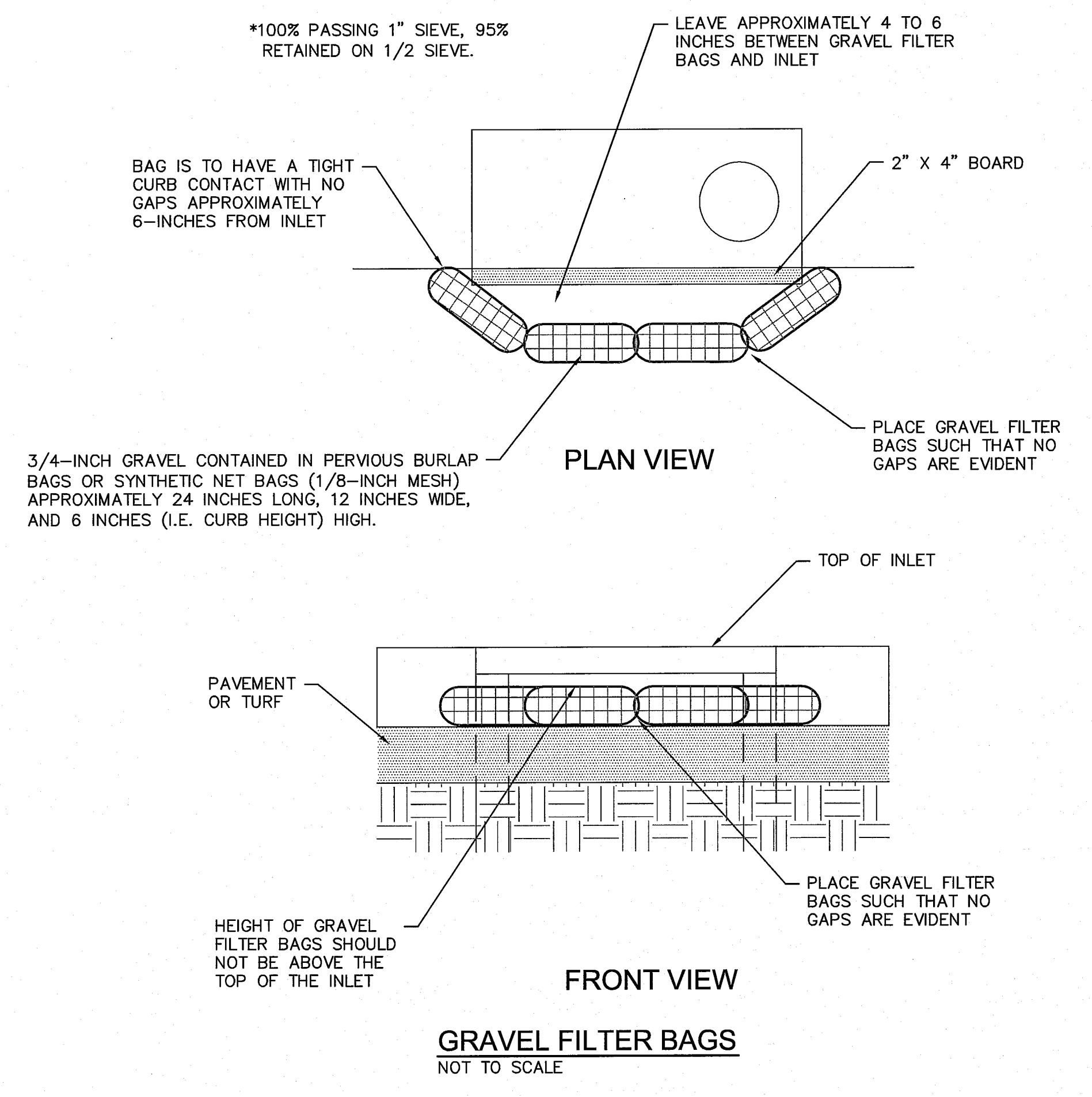
BACK OF CURB PROTECTION, CURB INLET PROTECTION AND CONSTRUCTION ENTRANCE

CITY ENGINEER
JAMES L. ARMOUR, P.E., L.S.

PROJECT NUMBER: _____ O&A NUMBER: _____ DATE: 11/2010

CITY ENGINEER'S OFFICE
CITY HALL, SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1600
(314) 268-4501

DESIGN: _____ DRAWN: _____
SHEET: _____ OF: _____



CITY OF WICHITA
PUBLIC WORKS & UTILITIES

SILT FENCE DITCH CHECK AND BARRIER DETAILS

CITY ENGINEER
JAMES L. ARMOUR, P.E., L.S.

PROJECT NUMBER: _____ O&A NUMBER: _____ DATE: 11/2010

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CITY HALL, SEVENTH FLOOR
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DESIGN: _____ DRAWN: _____
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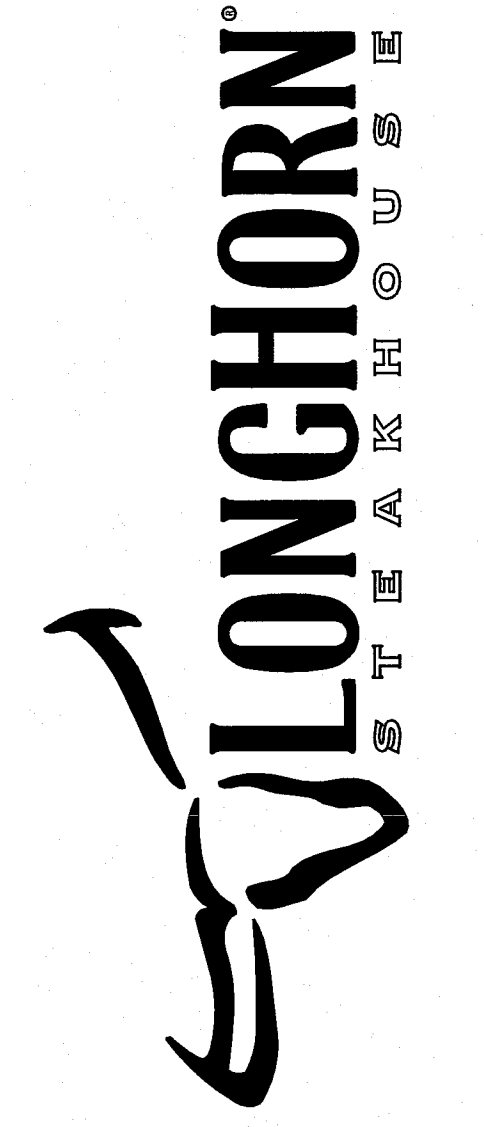
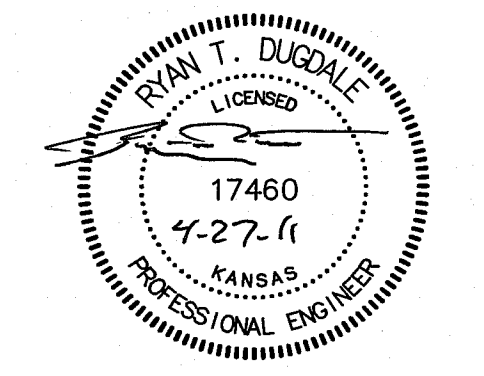
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MOLSSON ASSOCIATES

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OA PROJECT # 011-0555



Issue Date: 5-2-2011

REVISION INFORMATION

1	
2	
3	
4	
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Restaurant #: 1110047

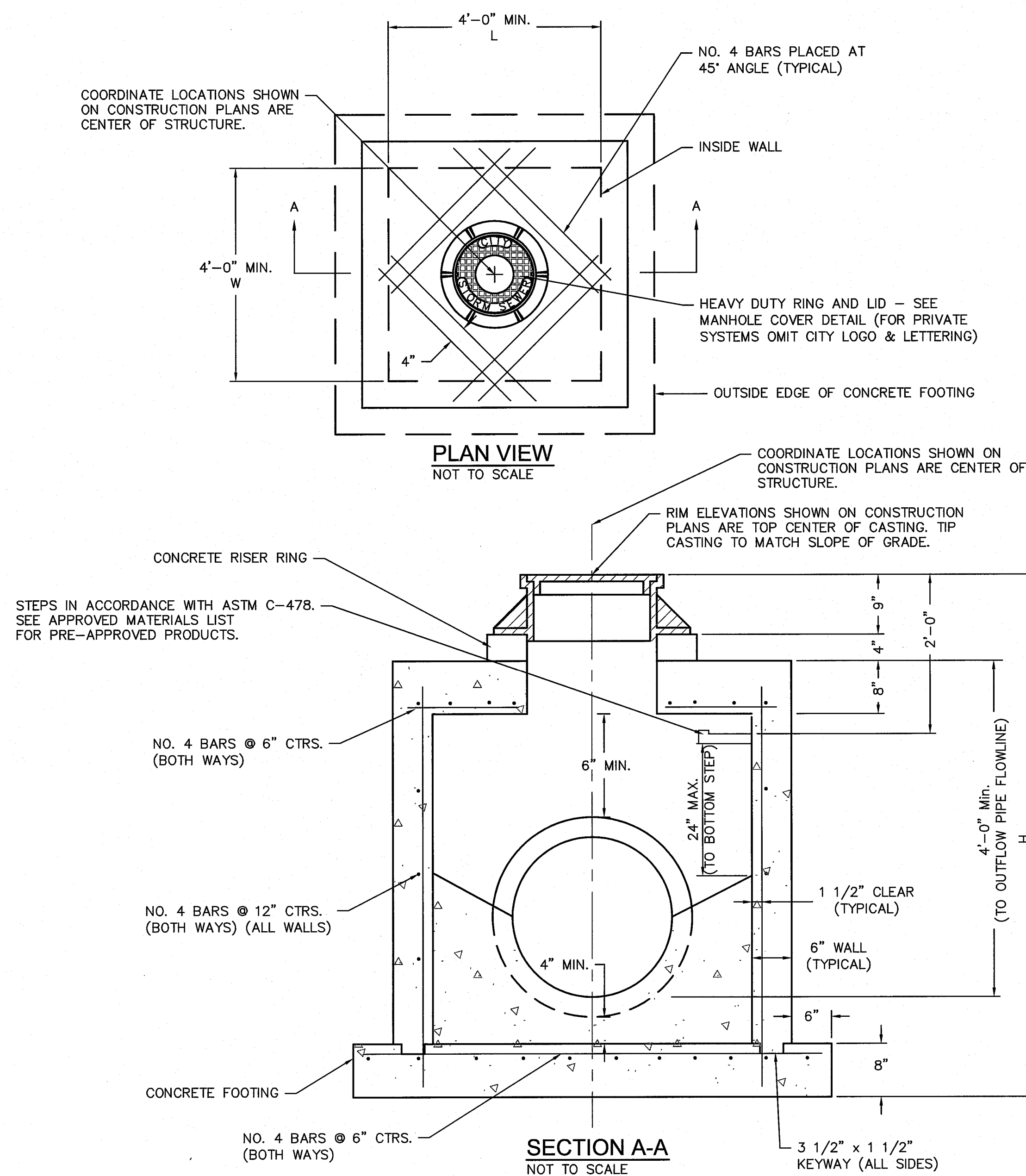
LONGHORN
LH-7.5R
Prototype current thru - 2-25-2011
CENTRAL PARK PLAZA
NWQ W. 21st ST.

FA11-110

WICHITA, KS 67205

DETAILS

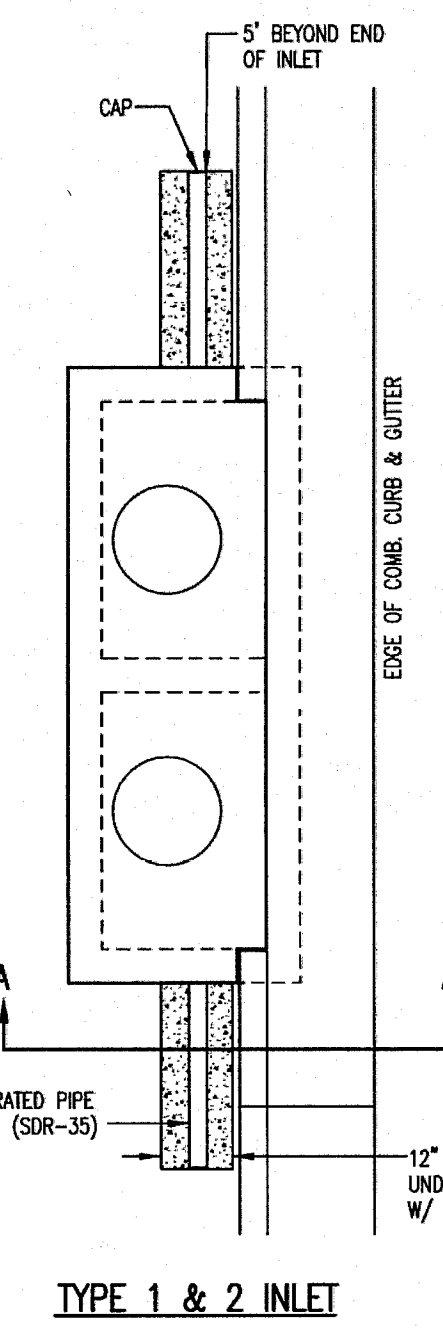
C4.1



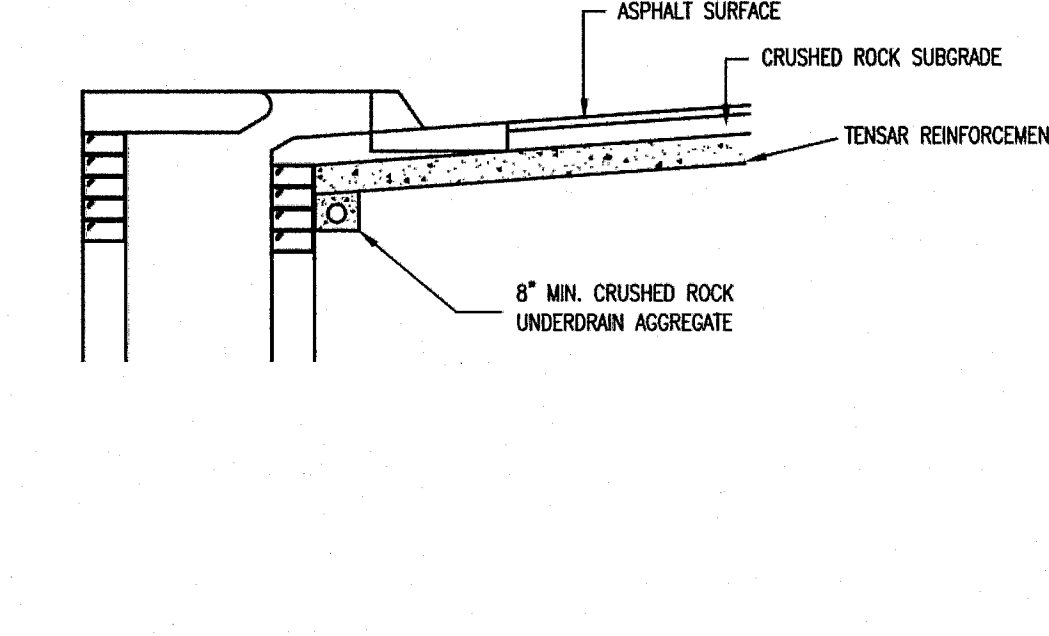
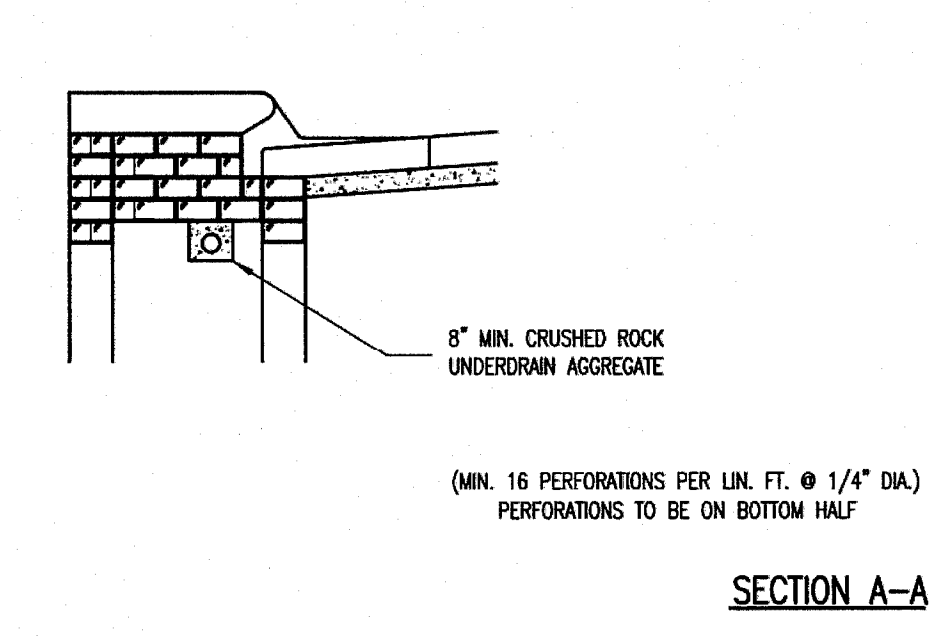
NOTES
GENERAL

- ALL STORM SEWER STRUCTURES SHALL BE PRE-CAST OR POURED IN PLACE. IF PRE-CAST STRUCTURES ARE USED, THE TOPS SHALL BE POURED IN PLACE AND THE WALL STEEL SHALL BE LEFT EXPOSED TO A HEIGHT 2" BELOW THE FINISH TOP ELEVATION, OR AS DIRECTED BY THE CITY ENGINEER.
 - PRE-CAST SHOP DRAWINGS ARE TO BE APPROVED BY THE CITY ENGINEER FOR PUBLICLY FINANCED OR ADMINISTERED PROJECTS. PRE-CAST SHOP DRAWINGS FOR PRIVATELY FINANCED PROJECTS ARE TO BE SUBMITTED TO THE ENGINEERING SERVICES DIVISION OF THE PLANNING AND DEVELOPMENT SERVICES DEPARTMENT.
 - DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS OR CLEARANCES. ANY QUESTIONS REGARDING DIMENSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY ENGINEER PRIOR TO CONSTRUCTION.
 - THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTES IS THE "L" DIMENSION, THE SECOND DIMENSION IS THE "W" DIMENSION. THE CONCRETE THICKNESS AND REINFORCING STEEL IS FOR BOXES WITH ("L" + "H") AND ("W" + "H") LESS THAN OR EQUAL TO 20. FOR BOXES WITH EITHER OF THESE CALCULATIONS GREATER THAN 20, A SPECIAL DESIGN IS REQUIRED.
- CONCRETE**
- CONCRETE USED IN THIS WORK SHALL BE KOMMBAK, AS APPROVED BY THE KANSAS CITY METROPOLITAN MATERIALS BOARD, AND SHALL MEET THE REQUIREMENTS OF THE CITY MUNICIPAL CODE.
 - CONCRETE CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION, KANSAS DEPARTMENT OF TRANSPORTATION, LATEST EDITION, EXCEPT AS MODIFIED IN THE CITY MUNICIPAL CODE.
 - INLET FLOORS SHALL BE SHAPED WITH NON-REINFORCED CONCRETE INVERTS TO PROVIDE SMOOTH FLOW.
 - BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
- REINFORCING STEEL**
- REINFORCING STEEL SHALL BE NEW BILLET, MINIMUM GRADE 60 AS PER ASTM A615, AND SHALL BE BENT COULD.
 - ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BARS. 2" CLEARANCE SHALL BE PROVIDED THROUGHOUT UNLESS NOTED OTHERWISE. TOLERANCE OF +/- 1/8" SHALL BE PERMITTED.
 - ALL LAP SPLICES NOT SHOWN SHALL BE A MINIMUM OF 40 BAR DIAMETERS IN LENGTH.
 - ALL REINFORCING STEEL SHALL BE SUPPORTED ON FABRICATED STEEL BAR SUPPORTS @ 3'-0" MAXIMUM SPACING.
 - ALL DOWELS SHALL BE ACCURATELY PLACED AND SECURELY TIED IN PLACE PRIOR TO PLACEMENT OF BOTTOM SLAB CONCRETE. STICKING OF DOWELS INTO FRESH OR PARTIALLY HARDENED CONCRETE WILL NOT BE ACCEPTABLE.
- CONSTRUCTION**
- THE BOTTOM SLAB SHALL BE AT LEAST 24 HOURS OLD BEFORE PLACING SIDEWALL CONCRETE. ALL SIDEWALL FORMS SHALL REMAIN IN PLACE A MINIMUM OF 24 HOURS AFTER SIDEWALLS ARE POURED BEFORE REMOVAL, AND AFTER REMOVAL SHALL BE IMMEDIATELY TREATED WITH MEMBRANE CURING COMPOUND.
 - PIPE CONNECTIONS TO PRE-CAST STRUCTURES SHALL HAVE A MINIMUM OF 6" OF CONCRETE AROUND THE ENTIRE PIPE WITHIN 2' OF THE STRUCTURE.
 - MATERIAL SELECTION AND COMPACTION REQUIREMENTS FOR BACKFILL AROUND STRUCTURES SHALL BE AS SPECIFIED IN THE MANUAL OF INFRASTRUCTURE STANDARDS, AS PROMULGATED BY THE CITY ENGINEER.

JUNCTION BOX DETAIL
NOT TO SCALE



PAVEMENT UNDERDRAIN DETAIL
80 ITEM TO BE PROVIDED PER 4" PERFORATED UNDERDRAIN PIPE.



PAVEMENT UNDERDRAIN SHALL BE INSTALLED ON ALL CURB INLETS.

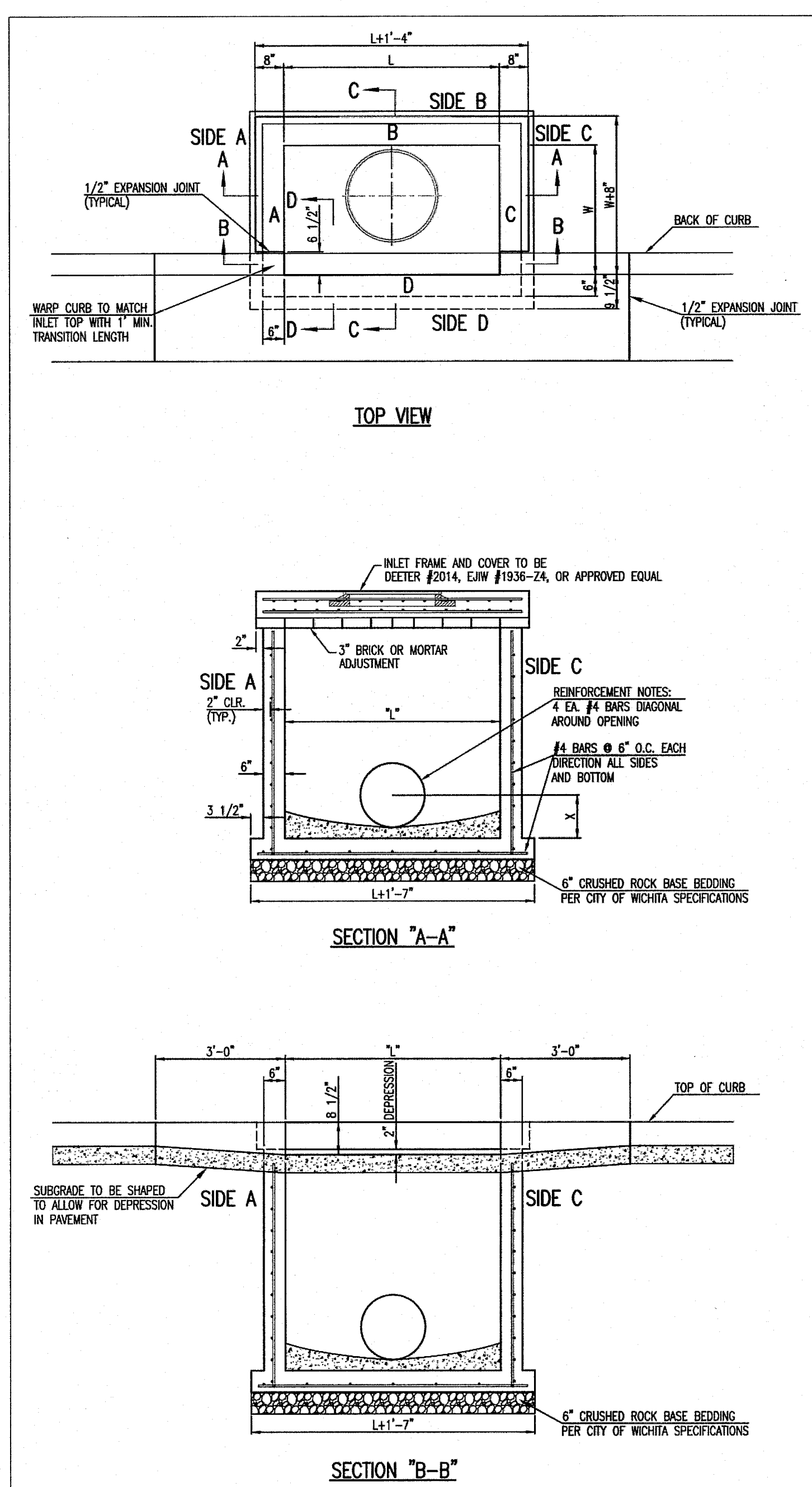
CRUSHED ROCK GRADATION REQUIREMENTS

PERCENT OF AGGREGATE RETAINED	SIZE
1 1/2"	0
3/4"	15-60
#4	40-80
#40	74-92
P-200	4-12

ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR CONCRETE FOR ASPHALT CONCRETE MIXES.

GENERAL NOTES

- PAVEMENT CONTRACTOR WILL BE REQUIRED TO INSTALL SSR 35, 4" PERFORATED DRAIN PIPE AND TEE AS INDICATED IN THE DETAILS ABOVE. A PIPE STUB HAS BEEN INSTALLED THROUGH WALLS OF CURB INLETS BY OTHERS IN A MANNER ALLOWING CONNECTION OF ADDITIONAL DRAIN PIPE AND TEE AS REQUIRED BY DETAILS ABOVE.
- WHEN SMO CONSTRUCTED BY SEPARATE PROJECT, SMO CONTRACTOR SHALL INSTALL SSR 35, 4" DRAIN PIPE STUB ONLY THROUGH WALLS OF CURB INLETS AND CAP TO ALLOW FUTURE CONNECTION OF TEE AND ADDITIONAL DRAIN PIPE BY OTHERS.



BAR SCHEDULE

INLET OPENING	B1 BARS	SPACING
5'-0"	#4	4"
10'-0"	#6	3.5"

PRECAST CURB INLET WIDTHS

W	PRE-CAST TOP SIZE	PIPE DIA.**
3'-0"	W48" L41"-4" 7 1/2"	21" & SMALLER
4'-0"	W48" L41"-4" 7 1/2"	24" & 30"
5'-0"	W48" L41"-4" 7 1/2"	36" & 42"
6'-0"	W48" L41"-4" 7 1/2"	48" & 54"
7'-0"	W48" L41"-4" 7 1/2"	60" & 66"

** FOR PIPES PERPENDICULAR TO INLET WALL

GENERAL NOTES

- CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BROOK. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PRECAST MIX.
- CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP OF THIS INLET WHEN W=5'-0" AND W=7'-0" OR LESS.
- INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF-CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
- THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
- INLET FRAME AND COVER TO BE GREATER #2014, ELM #1936 24, OR APPROVED EQUAL, SEE S18-303.
- CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUDED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.



STANDARD TYPE 1 CURB INLET
5'-0" OR 10'-0" OPENING

CITY ENGINEER
JAMES L. ARMOUR, P.E., L.S.

PROJECT NUMBER: _____ DATE: 11/2010

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET: _____ OF _____



CURB INLET PAVEMENT UNDERDRAIN DETAIL

CITY ENGINEER
JAMES L. ARMOUR, P.E., L.S.

PROJECT NUMBER: _____ DATE: 11/2010

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET: _____ OF _____

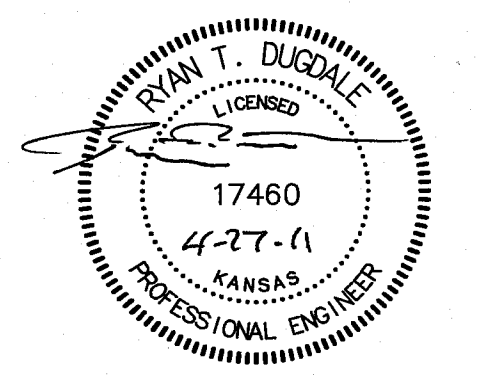
Owen F. Slagle III
Architect

750 3rd St., Suite 3
Oakmont, PA 15139
Ph: (412) 828-5710
Fax: (412) 828-5715



7501 West 132nd Street, Suite 202
Overland Park, KS 66213-4750
TEL: 913.381.1170
FAX: 913.381.1174
www.oacconsulting.com

OA PROJECT # 011-0555



Issue Date: 5-2-2011

REVISION INFORMATION

NO.	DESCRIPTION
1	
2	
3	
4	
5	
6	
7	
8	

Restaurant #: 1110047

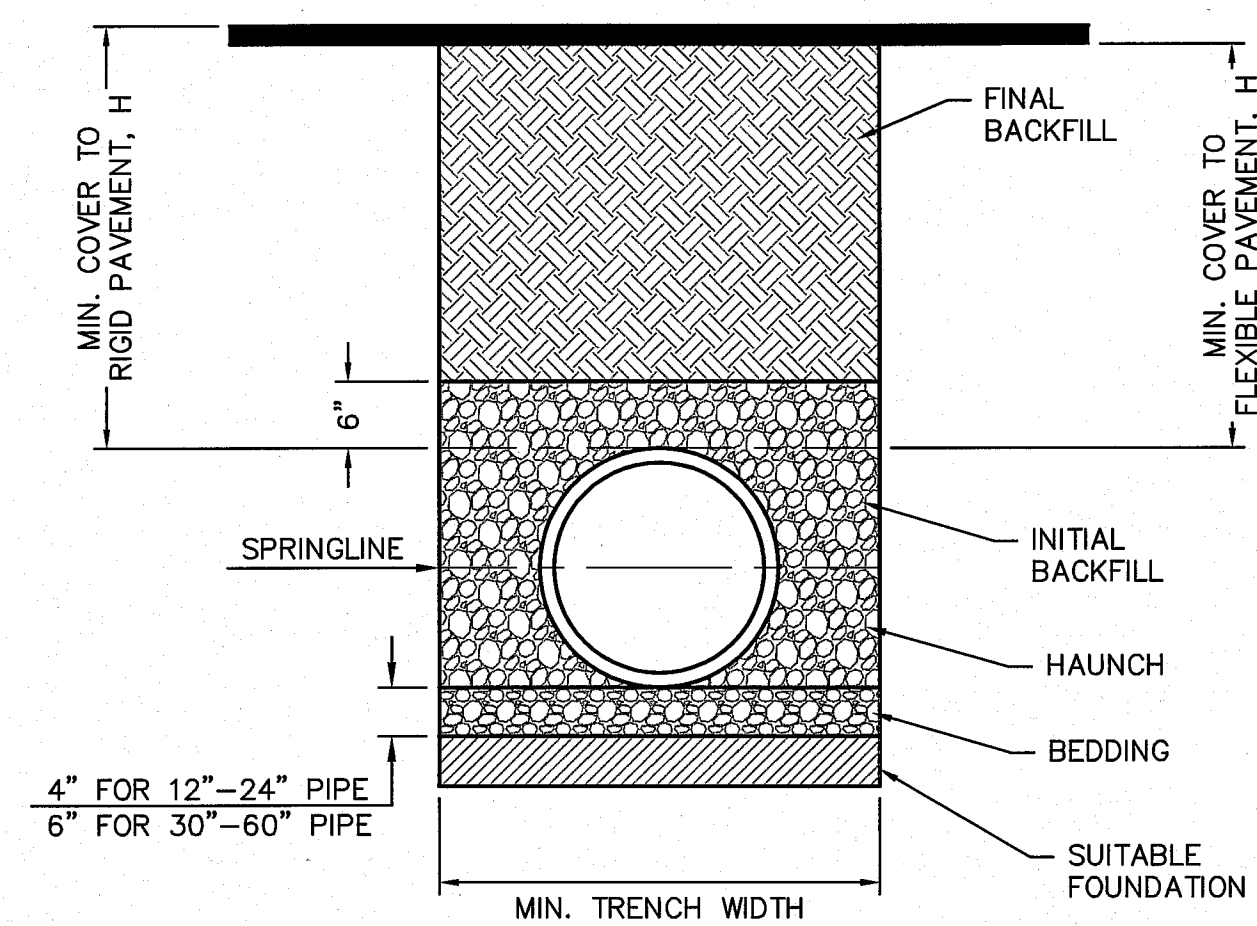
LONGHORN
LH-7.5R
Prototype current thru - 2-25-2011
CENTRAL PARK PLAZA
NWQ W. 21st St.

FA11-110

WICHITA, KS 67205

DETAILS

C4.2



RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
4"	21"
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"

MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS

PIPE DIAM.	SURFACE LIVE LOADING CONDITION	
	H-25	HEAVY CONSTRUCTION (75T AXLE LOAD) *
12" - 48"	12"	48"
54" - 60"	24"	60"

* VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER

MINIMUM RECOMMENDED COVER BASED ON RAILWAY LOADING CONDITIONS

PIPE DIAM.	COOPER E-80**
UP TO 24"	24"
30"-36"	36"
42"-60"	48"

** COVER IS MEASURED FROM TOP OF PIPE TO BOTTOM OF RAILWAY TIE
 *** E-80 COVER REQUIREMENTS, ARE ONLY APPLICABLE TO ASTM F 2306 PIPE.

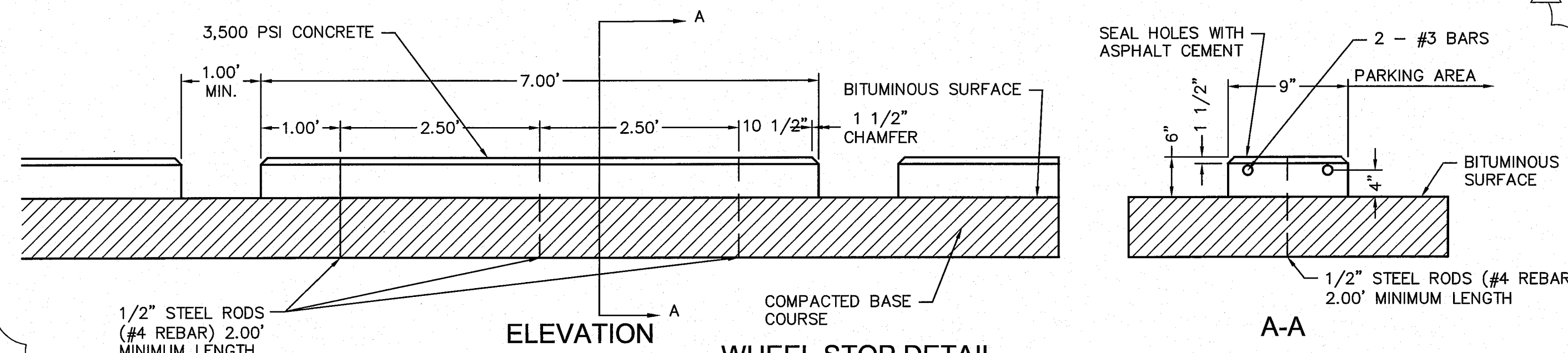
NOTES:

- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
- MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-900mm).
- INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
- MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

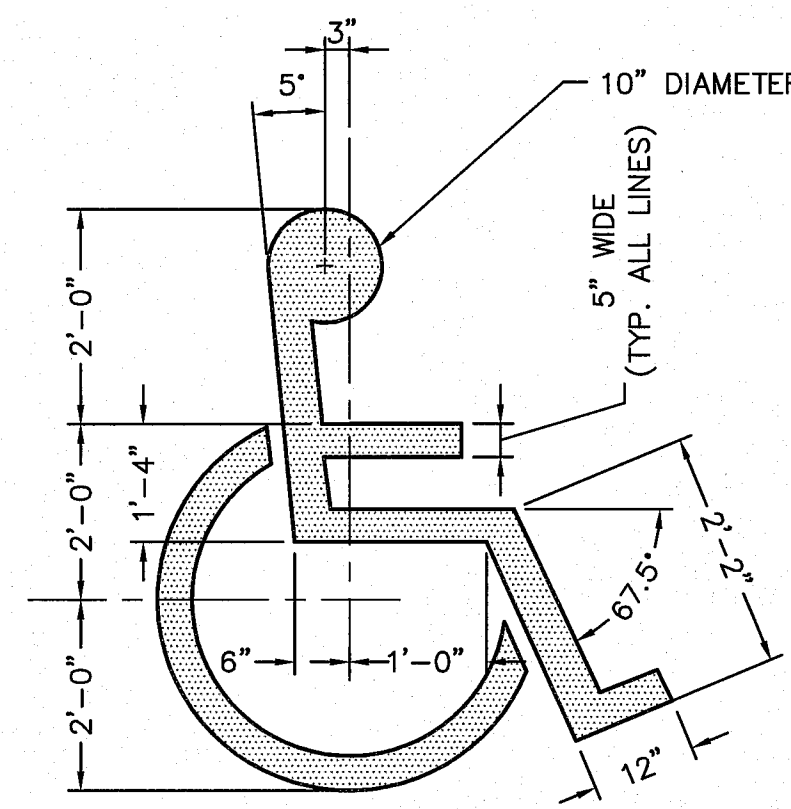
HDPE TRENCHING DETAIL
NOT TO SCALE

NOTE:

ANCHOR RODS TO BE SLEEVED OF GREASED THRU CONCRETE CURBS TO PERMIT RELOCATION OF CURBS.

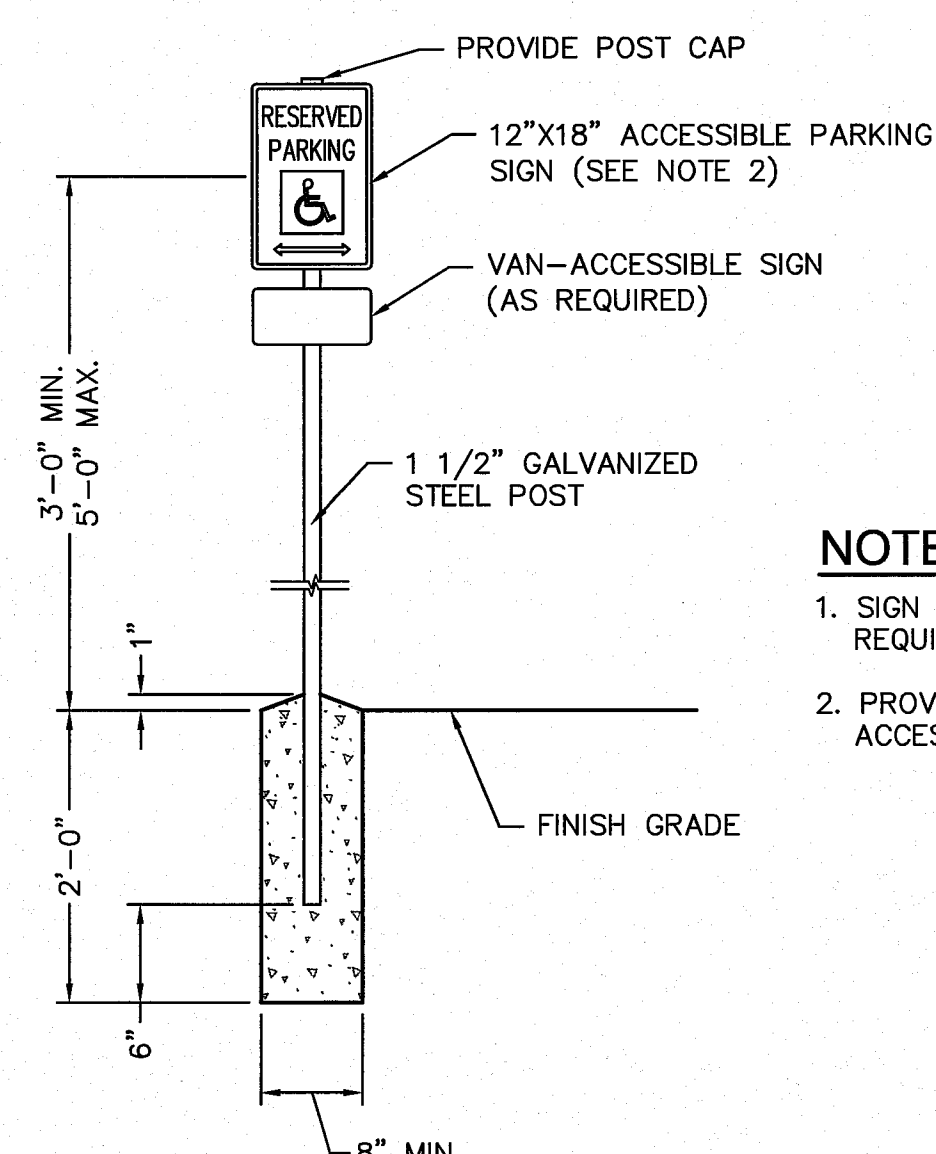


WHEEL STOP DETAIL
NOT TO SCALE



PROVIDE PAINTED SYMBOL AT EACH DESIGNATED ACCESSIBLE PARKING STALL
 CENTER SYMBOL IN EACH STALL.

ACCESSIBLE PARKING SYMBOL
NOT TO SCALE



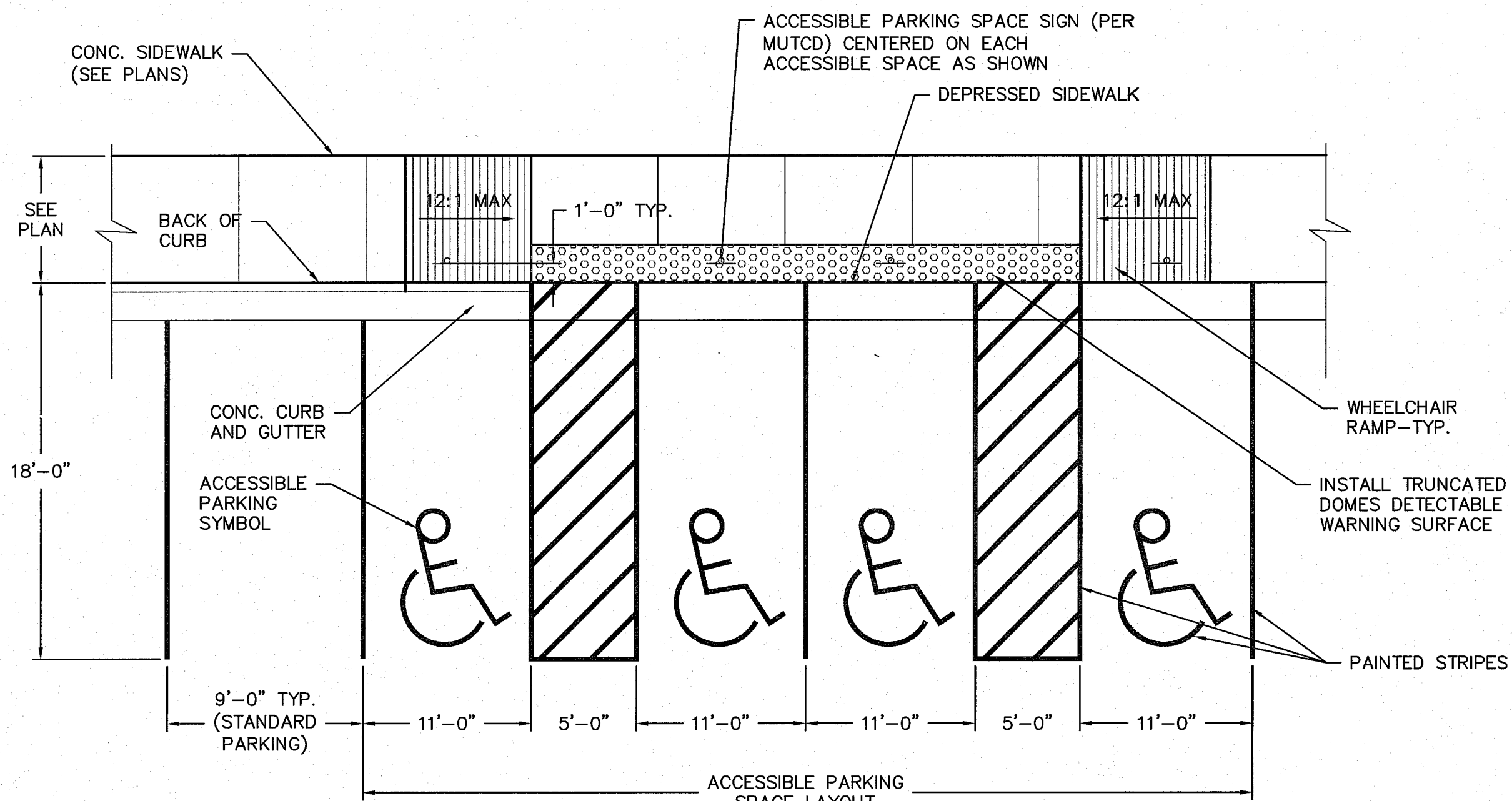
NOTES

- SIGN TO BE PER LOCAL JURISDICTION REQUIREMENTS. VERIFY SIZE, SHAPE & VERBIAGE
- PROVIDE SIGN AT EACH HANDICAPPED ACCESSIBLE PARKING STALL.

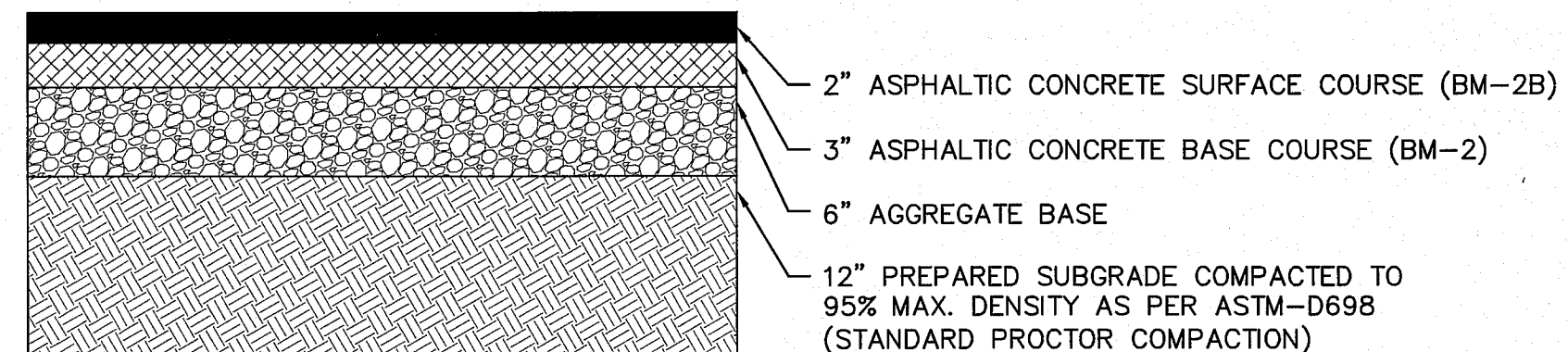
ACCESSIBLE PARKING SPACE SIGNAGE
NOT TO SCALE

NOTE

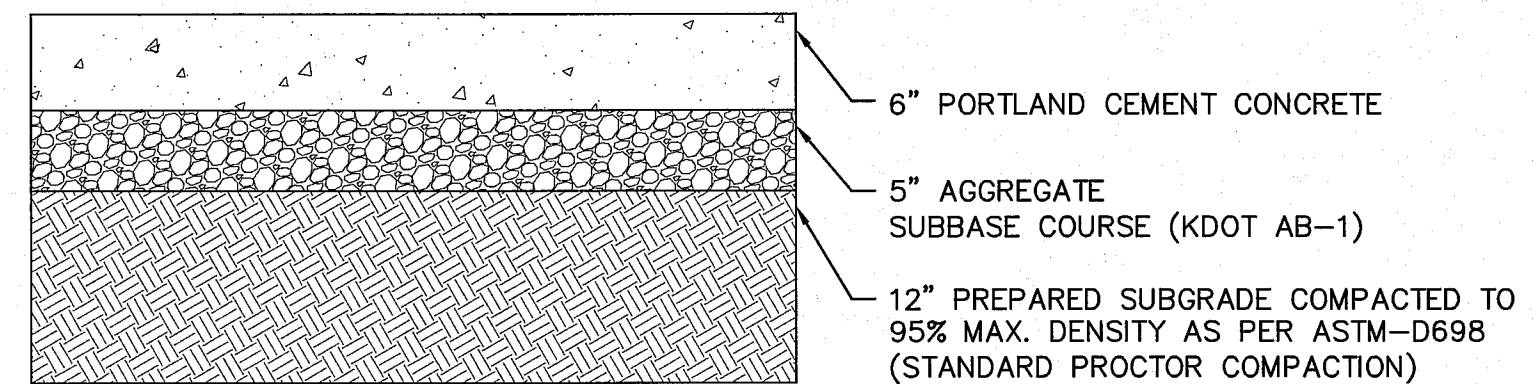
ACCESSIBLE PARKING SYMBOL AND SIGNAGE SHALL COMPLY WITH THE APPLICABLE RECOMMENDATIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



PARKING SPACE LAYOUT DETAIL
NOT TO SCALE

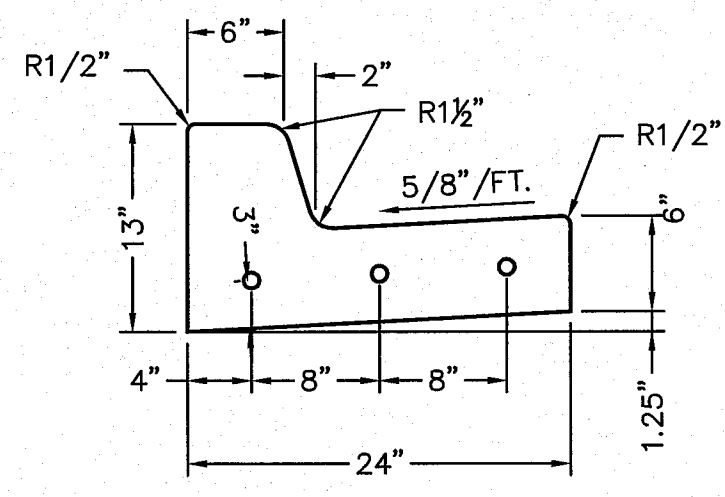


HEAVY DUTY ASPHALT SECTION
NOT TO SCALE



CONCRETE PAVEMENT SECTION
NOT TO SCALE

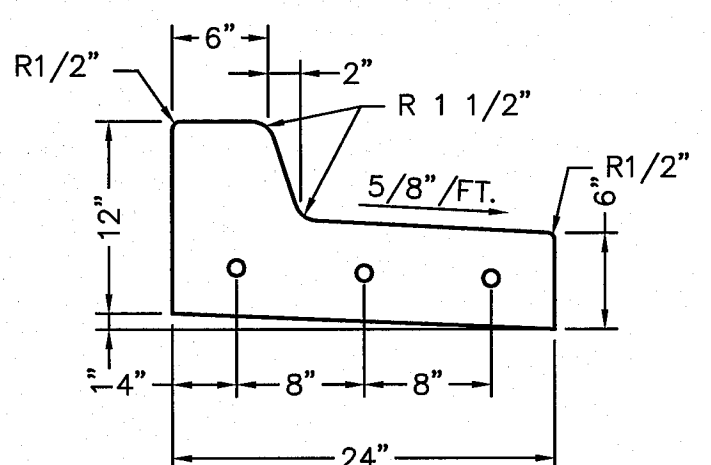
NOTE:
REFER TO GEOTECHNICAL REPORT PREPARED BY PSI, INC DATED MARCH 1, 2011 AND ALL ADDENDUMS FOR ALL PAVEMENT AND SUBGRADE RECOMMENDATIONS.



STRAIGHT BACK CURB & GUTTER (TYPE CG-1)
NOT TO SCALE

GENERAL NOTES:

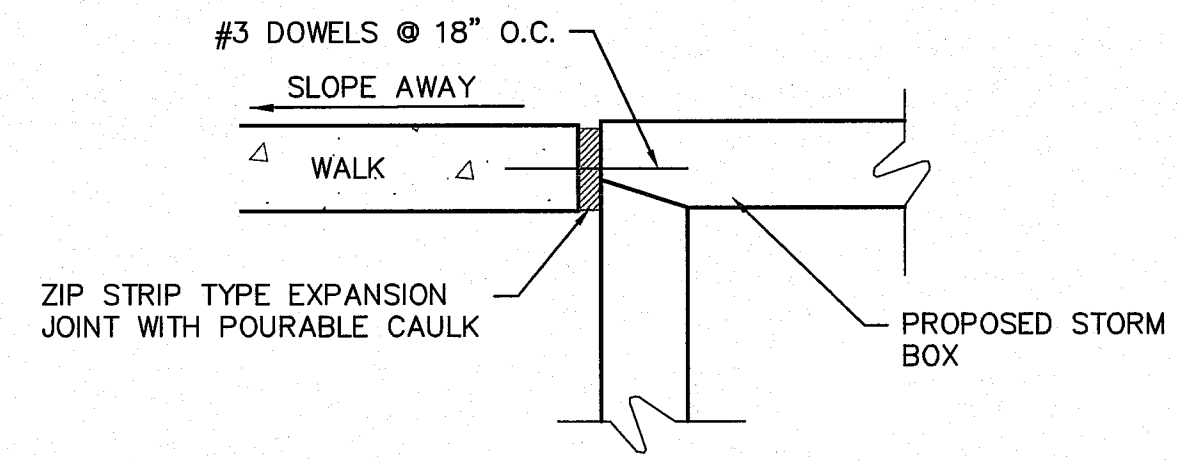
- 3/4" ISOLATION JOINTS WITH 5/8" DIA. X 2' SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
- 1" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
- FIX DOWEL BARS WITH BAR SUPPORTS.
- DEPTH OF CURB SHALL BE A MINIMUM OF 8" THROUGH HANDICAP ACCESSRAMP.



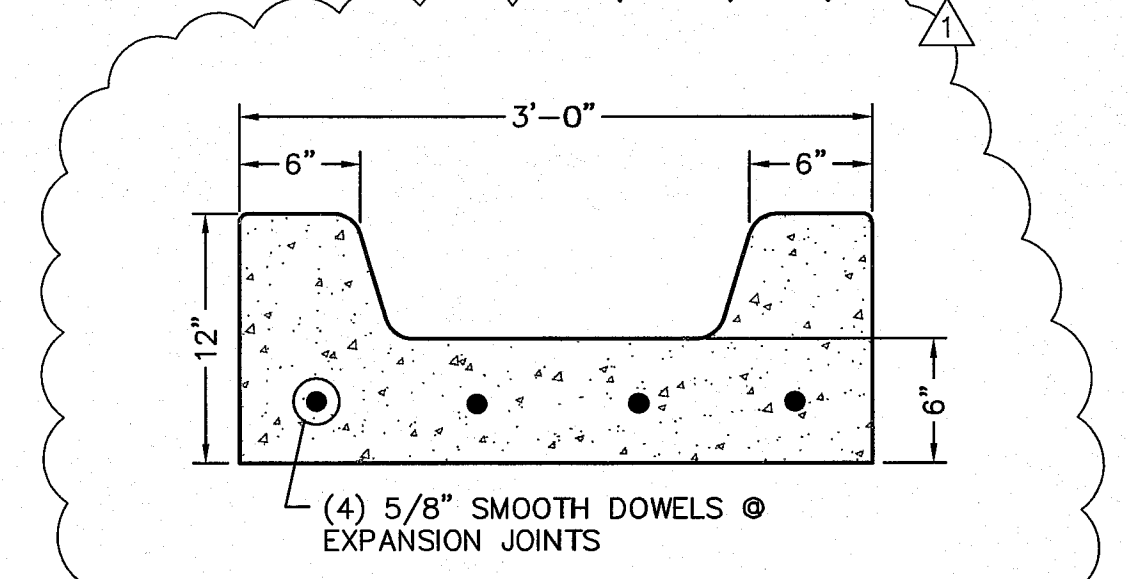
STRAIGHT BACK DRY CURB & GUTTER (TYPE CG-1 DRY)
NOT TO SCALE

GENERAL NOTES:

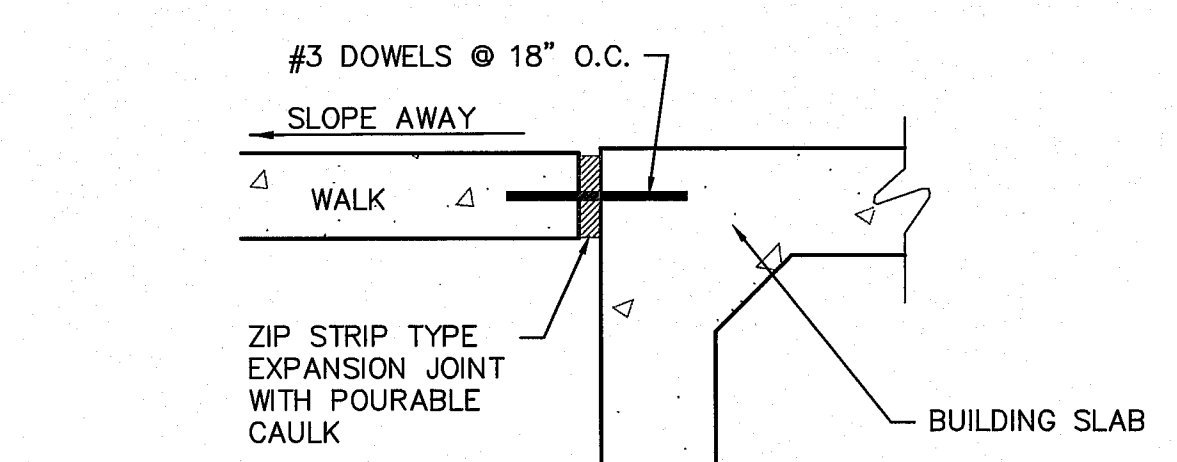
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- FIX DOWEL BARS WITH BAR SUPPORTS.
- DEPTH OF CURB SHALL BE A MINIMUM OF 8" THROUGH HANDICAP ACCESSRAMP.



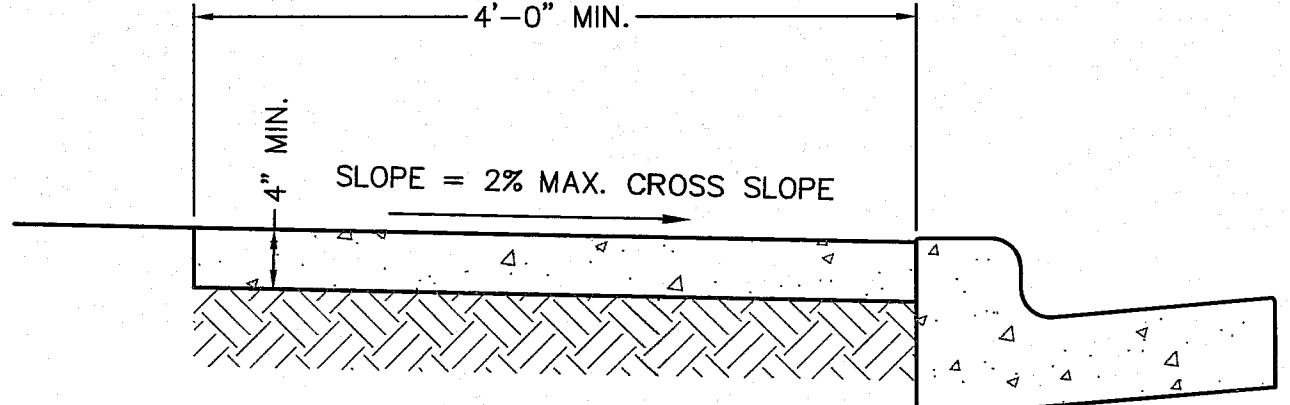
SIDEWALK TO STORM BOX CONNECTION DETAIL
NOT TO SCALE



CONCRETE FLUME DETAIL
NOT TO SCALE



SIDEWALK TO BUILDING SLAB CONNECTION DETAIL
NOT TO SCALE



STANDARD CONCRETE WALK DETAIL
NOT TO SCALE

Owen F. Slagle III
Architect

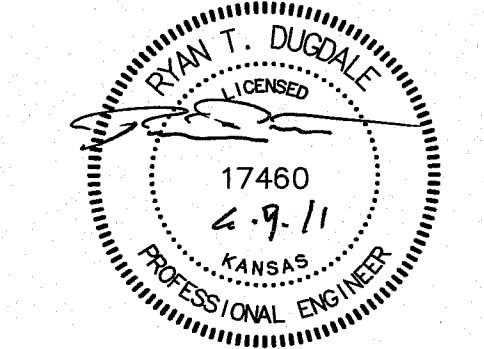
750 3rd St., Suite 3
Oakmont, PA 15139
Ph: (412) 828-5710
Fax: (412) 828-5715

ALL DRAWINGS AND MATERIALS SHALL BE THE PROPERTY OF OWEN F. SLAGLE III ARCHITECT. NOT BE REPRODUCED, COPIED, REPRODUCED, OR DISSEMINATED IN ANY MANNER WITHOUT THE WRITTEN AUTHORIZATION FROM THE ARCHITECT.

MOLSSON ASSOCIATES

7301 West 133rd Street, Suite 200
Overland Park, KS 66213-4750
TEL 913.381.1170
FAX 913.381.1179
www.molssonllc.com

OA PROJECT # 011-0630



Issue Date: 6-10-11

REVISION INFORMATION
1 6-10-11
PERMIT REVISIONS

Restaurant #: 1110047

LONGHORN LH-7.5R
Prototype current thru -2-25-2011
CENTRAL PARK PLAZA
NWQ.W. 21st ST.

FA11-110

WICHITA, KS 67205

DETAILS

C4.3

USER: kgubran@anderson
 DATE: Jan 09, 2011 9:44am
 DWS: F:\PROJECTS\01-0630-LOD\Drawings\Construction Documents\110630_DTL.dwg
 XREFS: 110630_TBLK RYAN_DUGDALE_PELKS

State of Kansas) ss
Sedgwick County)

I, the undersigned, registered land surveyor of the State of Kansas, do hereby certify that the following described tract of land was surveyed on March 16, 2007 and the accompanying final plat was prepared and that all the monuments shown herein actually exist and their positions are correctly shown to the best of my knowledge and belief.

The west 998.98 feet of the South Half of the Northwest Quarter of Section 5, Township 27 South, Range 1 West of the Sixth Principal Meridian, Sedgwick County, Kansas, EXCEPT that part taken for road purposes described as beginning at the Northwest corner of the South Half of the Northwest Quarter of Section 5, Township 27 South, Range 1 West of the Sixth Principal Meridian, Sedgwick County, Kansas; thence east along the North line of said South Half a distance of 100.02 feet; thence southeasterly a distance of 100 feet to a point 70 feet east of the West line of said South Half; thence south parallel with said West line, a distance of 1,221.01 feet to the South line of said South Half; thence west along said South line, a distance of 70.02 feet to the southwest corner of said South Half; thence north 1,315.92 feet to the point of beginning.

Existing public dedications, rights of way, and easements being vacated by virtue of K.S.A. 12-312(b).

William P. Fox, L.S. # 799
for POE & Associates, Inc.

Surveyor

State of Kansas) ss
Sedgwick County)

Know all men by these presents that we, the undersigned, have caused the land described in the surveyor's certificate to be plotted into Lots, Blocks and Reserves, to be known as "PEARSON COMMERCIAL ADDITION", Wichita, Sedgwick County, Kansas.

The utility easements are hereby granted to the public utilities as indicated for constructing, maintaining, operating, and repairing utilities.

The access controls are hereby granted to the appropriate governing body as shown hereon. Right of Way as shown is hereby dedicated to the public for streets.

Pursuant to the community unit plan, Reserves A & B are for shared signage. Reserve A is to be owned and maintained by Lot 1 its successors and assigns. Reserve B is to be owned and maintained by Lot 2 its successors and assigns.

The access easements are for ingress/egress purposes for the owner(s) of Pearson Commercial Addition and/or their invitees.

Pursuant to the community unit plan, the screening wall easement is for screening purposes for the benefit of the owner(s) of Pearson Commercial Addition. Utility lines may cross the wall easement when necessary.

A drainage plan has been developed for the plot. All drainage easements and/or rights of way shall remain as established grades, or as modified with the approval of the applicable public agency, and unobstructed to allow for the conveyance of stormwater. The drainage easements are for drainage purposes and the benefit of the owner(s) of Pearson Commercial Addition.

Bruce A. Pearson, Esther L. Pearson

Bruce A. Pearson, Esther L. Pearson

State of Kansas) ss
Sedgwick County)

BE IT REMEMBERED that on this 4 day of May, 2007, before me, the undersigned, a notary public in and for the County and State of Kansas came Bruce A. Pearson and Esther L. Pearson, husband and wife, personally known to me to be the same persons who executed this instrument and such persons duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public: Timothy D. Smith

Name: Timothy D. Smith

My Appointment Expires: 4-11-2010

State of Kansas) ss
Sedgwick County)

This plat of "PEARSON COMMERCIAL ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita/Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 22 day of December, 2007
Wichita/Sedgwick County Metropolitan Area Planning Commission.

Debra A. Denton, Chair
John L. Schlegel, Secretary

John L. Schlegel, Secretary

State of Kansas) ss
City of Wichita)

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 22 day of August, 2007 At the Direction of the City Council.

Carl Brewer, Mayor
Karen Sublett, City Clerk
Don Broca, County Clerk

State of Kansas) ss
Sedgwick County)

This is to certify that this instrument was filed for record in the Register of Deeds office of Sedgwick County, Kansas, on the 22 day of August, 2007, and is duly recorded.

Tommy Buckinghan, Register of Deeds
Tonya Buckinghan, Deputy

State of Kansas) ss
Sedgwick County)

Reviewed in accordance with K.S.A. 58-2005 on this 22 day of May, 2007.

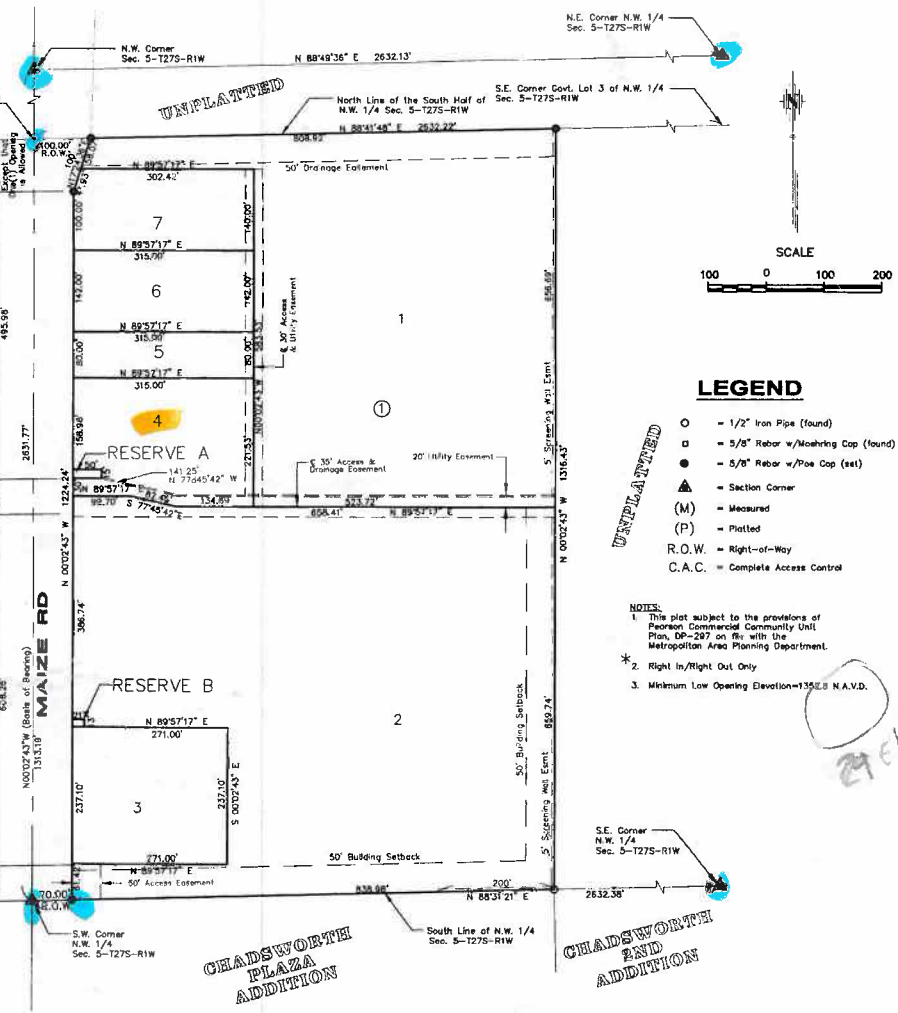
TRICAL MORRIS
REGISTERED SURVEYOR
10-1280
K.S. 3-27

TRICAL MORRIS, L.S. # 1244
Deputy County Surveyor
Sedgwick County, Kansas

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS

1840 E. Central, Suite 200 • Wichita, KS 67208 • TEL: 316-261-6414 • FAX: 316-261-6414

Doc # AT-LH-PC-29810452
Project # 1892878
Drawing # 10
Author: [Signature]
Date Recorded: 8/22/2007 4:06:51 PM



PEARSON COMMERCIAL ADDITION
TO WICHITA, SEDGWICK COUNTY, KANSAS
LOCATED IN THE NW 1/4, SECTION 5, T27S, R1W OF THE 6 P.M.

This digital plat record accurately reproduces in all details the original plat filed with the Sedgwick County Register of Deeds. Digitized under the supervision of Register of Deeds Bill Meek by Sedgwick County Geographic Information Systems.

Bill Meek, Register of Deeds
Digitized version of original signature