



SCALE: 1" = 30'

DATE: 03-24-09

* CONTRACTOR TO VERIFY ELEVATIONS PRIOR TO CONSTRUCTION

SITE BENCHMARK
 * CHISELED ON CONC. NE PROP. COR.
 ELEVATION 1387.90 (NGVD 29)

LEGEND

- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- SPOT ELEVATION
- HP HIGH POINT ELEVATION
- MATCH EXISTING ELEVATION
- TC TOP OF CURB ELEVATION
- FL FLOWLINE ELEVATION
- 6" TRANSITION TO NO HEIGHT CURB
- PROVIDE HIGHPOINT TO NO SPLIT DRAINAGE AROUND ISLAND
- DRAINAGE FLOW ARROWS
- PROPOSED PERVIOUS AREA
- RUNOFF DIRECTION

NOTES

1. ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2% MAXIMUM LONGITUDINAL SLOPE ON SIDEWALKS OR 5% MAXIMUM CROSS SLOPE ON SIDEWALKS.
2. THE PROPOSED GRADES SHOWN ARE BASED ON A SURVEY DONE BY OTHERS. CONTRACTOR SHALL VERIFY ELEVATIONS IN THE FIELD TO AVOID POSITIVE DRAINAGE FROM STRUCTURES AND PREVENT PONDING IN THE PARKING LOT. CONTACT THE ENGINEER IF THERE ARE DISCREPANCIES IN THE PLANS AND FIELD CONDITIONS.
3. REMOVE COMPACTION MATERIAL FROM INSIDE ISLANDS IN ASPHALT PARKING. REPLACE WITH TOPSOIL (2" MIN. DEPTH).
4. ADD 1.00 TO ALL SPOT ELEVATIONS ON THIS SHEET.

SURFACE AREAS

EXISTING IMPERVIOUS = 334,536.40 S.F.
 EXISTING PERVIOUS = 0 S.F.
 PROPOSED IMPERVIOUS = 334,478.30 S.F.
 PROPOSED PERVIOUS = 23,633.15 S.F.

* FRAK NUMBER FROM THE 2, 5, 10, 25 AND 100 YEAR STORMS IS SHOWN IN THE POST DEVELOPMENT CONDITION.



No.	Revision	By	Date
GRADING AND DRAINAGE PLAN			
PROVIDENCE SQUARE ADDITION			
WICHITA, KANSAS			
Professional Engineering Consultants, P.A.			
<small>303 S. TOPICKA, WICHITA, KANSAS 67209 316-262-2901 • FAX 316-262-3003</small>			
Designed by	IDK	Job No.	36-08711-6554
Drawn by	AEE	Date	JANUARY 2009
			C1.4

DATE: 03-24-09 10:00 AM
 PROJECT: PROVIDENCE SQUARE ADDITION
 SHEET: GRADING AND DRAINAGE PLAN
 DRAWN BY: AEE
 CHECKED BY: IDK