BENCHMARKS

BM #1:
"□" Chiseled on Top of Curb.
Elevation=1342.67 (NAVD 88)

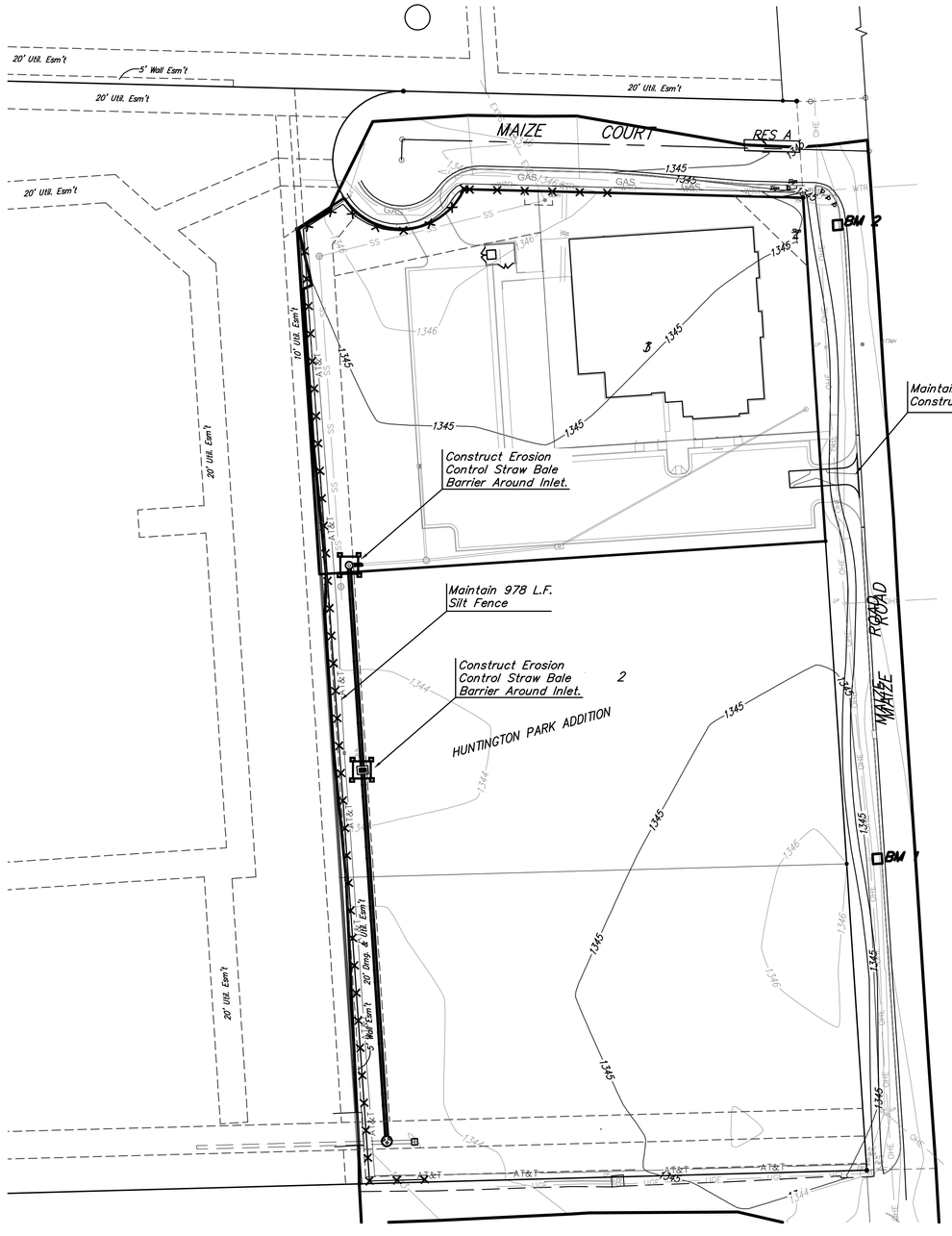
BM #2
"□" Chiseled on Top of Catch Basin.
Elevation=1344.16 (NAVD 88)

EROSION CONTROL PLAN

EROSION CONTROL PLAN LEGEND

- *Drop Inlet Protection*
- *Silt Fencing*
- *1357 – Existing Contours*

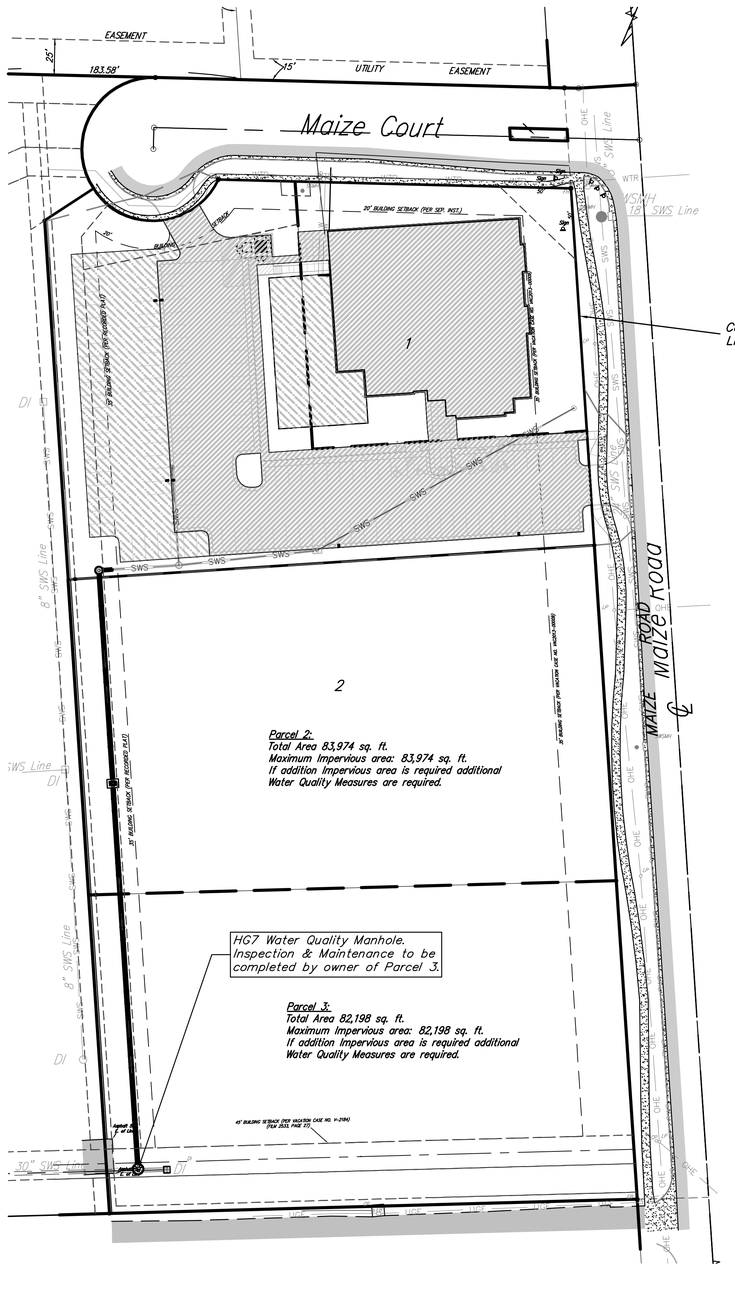
50 0 50
Scale: 1" = 50'
• = Iron



ERU PLAN

Scale 1"= 50'-0"
50 0 50

- *Impervious Area*
- *Future Impervious Area*
- *Limits of Construction*



SITE ERU INFORMATION

Parcel 1: (Grene Vision Group Facility)
Total Area: ±95,562 sq. ft. (2.19 acres)
Disturbed Area: ±95,562 sq. ft. (2.19 acres)
Ex. Impervious Area: 0.00 sq. ft. (0.00 acres)
Impervious Area: ±48,371 sq. ft. (1.11 acres)
Future Imp. Area: ±18,313 sq. ft. (0.42 acres)
Total Future Imp. Area: ±66,684 (1.53 acres)
Parcel 2: (Middle Parcel)
Total Area: ±83,974 sq. ft. (1.93 acres)
Maximum Future Impervious Area:
±83,974 sq. ft. (1.93 acres)
Parcel 3: (South Parcel)
Total Area: ±82,198 sq. ft. (1.88 acres)
Maximum Future Impervious Area:
±82,198 sq. ft. (1.64 acres)

Total Future Impervious Area:
Maximum Impervious Area (without additional Water Quality Measurements): ±235,616 sq. ft.
Min. Pervious Area (without additional Water Quality Measurements): ±26,180 sq. ft.

Stormwater Compliance

Water Quality requirements will be address with the use of a Hydroworks HG7 Water Quality Manhole located at the SW corner of Parcel 3. The structure has been designed for to Water quality requirements for all three parcel with a total impervious area up to 80% of the total area (6.01 acres).

Legal Description

Part of Lot 1 & 2, Block A, Huntington Park Commercial Addition, to Wichita, Sedgwick County, Kansas.

Water Quality Unit Maintenance

The Hydroworks HG7 Water Quality Manhole will be inspected and maintained by the current owner of Parcel 3, the parcel where the unit resides.

PATRICK SHAWN BAER
LICENSED
16976
9/30/13
KANSAS
PROFESSIONAL ENGINEER

Baughman

Huntington Park Addition
EROSION CONTROL & ERU Plan
Stormwater Sewer Improvements

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 468-84884 OCA 751515
REVISIONS:
DESIGN psb
DRAWN psb
APPROVED
DATE 9/30/13
SCALE Noted
SHEET 6 OF 12

E:\Projects\Grene Vision Site Plan (13-06-E914)\Engineering\Petition\SWS PLANS\SWS.dwg