

**Dekker
Perich
Sabatini**

8801 Jefferson NE
Suite 100
Albuquerque, NM 87109
505 761-9700
fax 761-4222
dps@dpsabq.com

ARCHITECT

ENGINEER



PROJECT

**OR Storage Room
Presbyterian Hospital**
Albuquerque, NM

REVISIONS



DRAWN BY **B. ORTEGA**
REVIEWED BY **G. BROUGHTON**
DATE **10-31-06**
PROJECT NO. **01048.042**
DRAWING NAME

**GRADING &
DRAINAGE PLAN**
NOV 17 2006
HYDROLOGY SECTION

SHEET NO.

C100
OF

GRADING NOTES

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERM OR SILT FENCE AT THE PROPERTY LINES AND NETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
- A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.
- ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.

KEYED NOTES

- EXISTING TRENCH GRATE TO REMAIN.
- EXISTING INLET & CONCRETE APRON TO REMAIN.
- ADJUST EXISTING TRENCH GRATE TO FINISHED GRADE. SEE STRUCTURAL PLANS FOR DETAILS.
- SAW-CUT EXISTING CONCRETE OR ASPHALT CONCRETE PAVEMENT.

SPOT ELEVATION LEGEND

- XX.XX' EX = EXISTING
FF = FINISH FLOOR
TA = TOP OF ASPHALT
TG = TOP OF GRATE
TS = TOP OF SIDEWALK

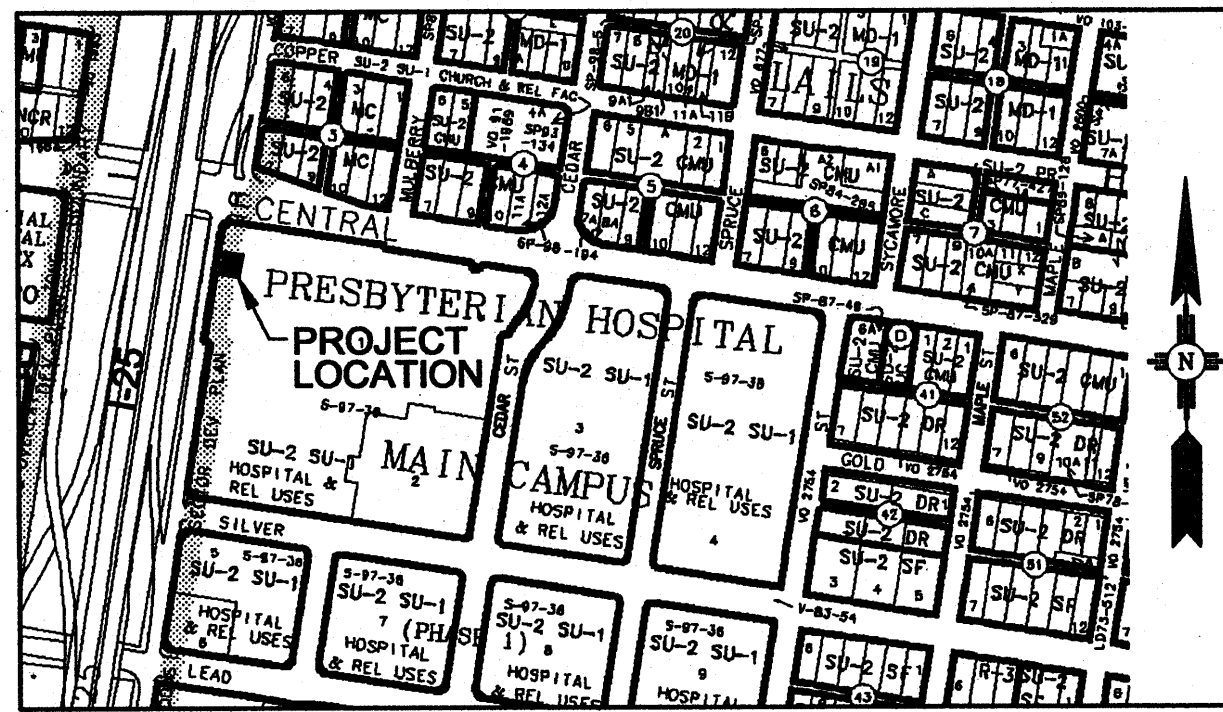
LEGEND

- REMOVE & REPLACE EXISTING ASPHALT PAVEMENT
- REMOVE & REPLACE EXISTING CONCRETE PAVEMENT
- EXIST EDGE OF PAVED ROAD
- EXIST FENCE
- EXIST WALL
- EXIST FIRE HYDRANT
- EXIST GATE
- EXIST ELEC MANHOLE
- EXIST SAS CLEANOUT
- EXIST PK NAIL
- EXIST SD DROP INLET
- EXISTING TELEPHONE BOX
- EXIST SPOT ELEVATIONS

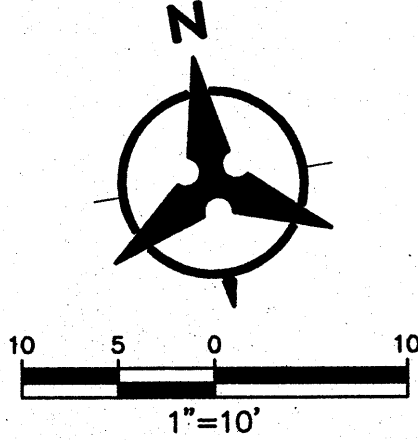
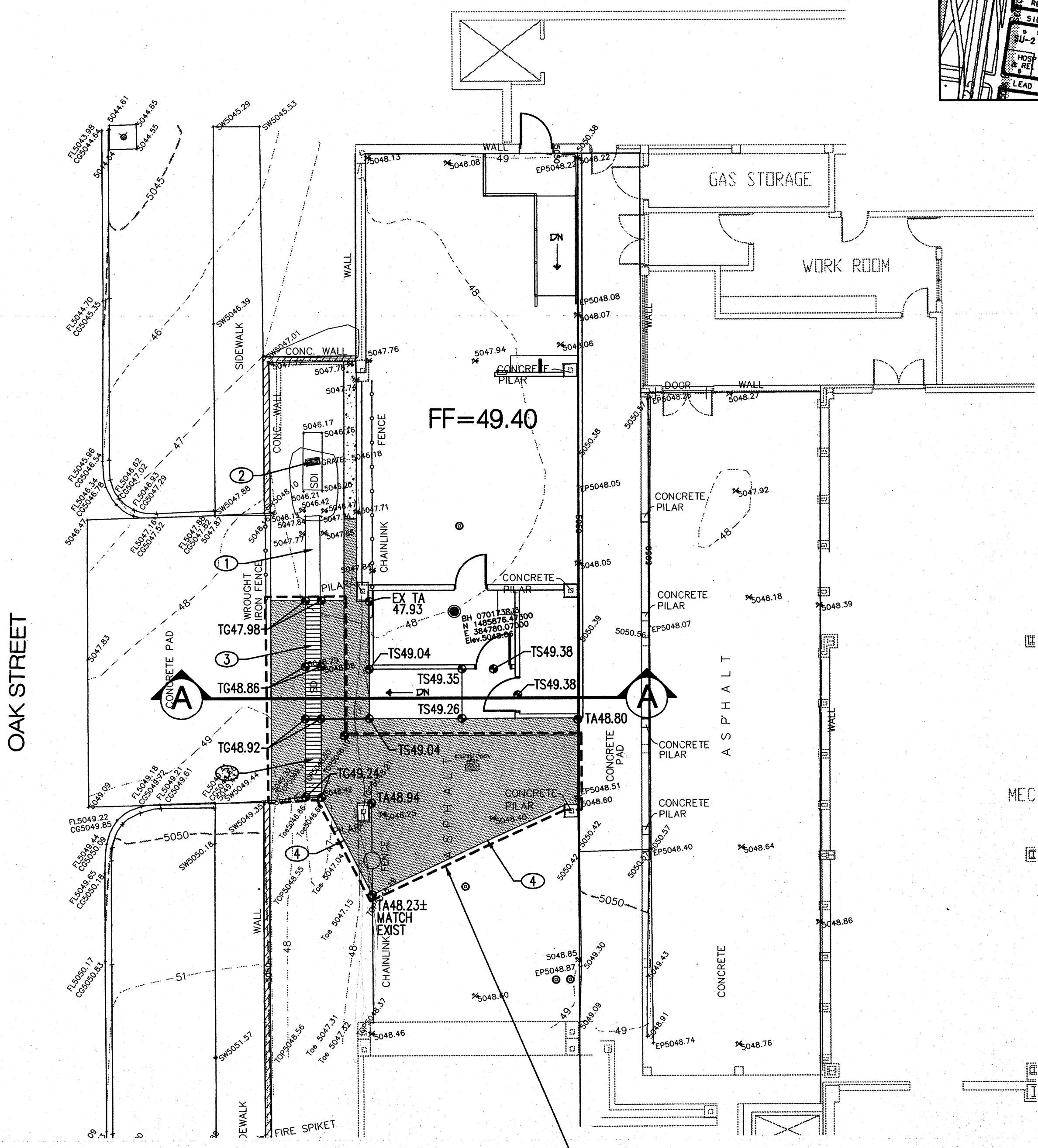
BID SET / CITY SUBMITTAL

Bohannon & Huston

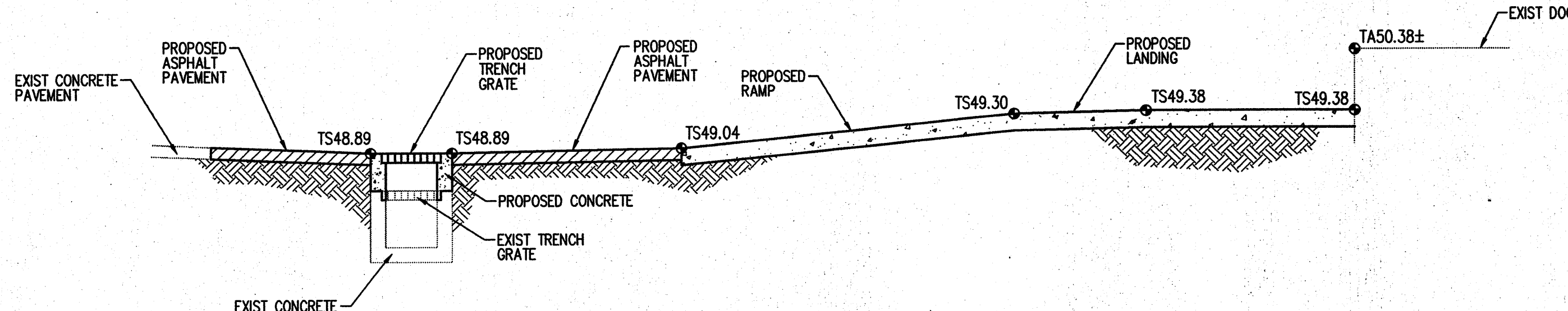
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VICINITY MAP
ZONE ATLAS PAGE K-15-Z



BID ALTERNATE NO. 1
REMOVE & REPLACE EXISTING ASPHALT PAVEMENT & ADJUST EXISTING TRENCH GRATE TO FINISHED GRADE



SECTION A-A
NTS

DRAINAGE MANAGEMENT PLAN

- INTRODUCTION**
THE PURPOSE OF THIS SUBMITTAL IS TO PRESENT A FINAL GRADING AND DRAINAGE PLAN FOR THE OR STORAGE ROOM AT PRESBYTERIAN HOSPITAL. THIS SUBMITTAL IS MADE IN ORDER TO SUPPORT BUILDING PERMIT APPROVAL.
- SITE LOCATION AND EXISTING CONDITIONS**
THE PROJECT SITE IS LOCATED ON THE SOUTHEAST CORNER OF CENTRAL AVENUE AND OAK STREET. THE EXISTING SITE IS PAVED. SURFACE FLOW IS DIRECTED INTO A STORM TRENCH WHICH DRAINS NORTH INTO A STORM DRAIN SYSTEM IN CENTRAL. THE SITE IS LOCATED WITHIN ZONE ATLAS #K-15, AND HYDROLOGIC ZONE 2.
- PROPOSED HYDROLOGIC CONDITIONS**
THE PROPOSED PROJECT WILL CONSIST OF RECONSTRUCTING THE ASPHALT AND CONCRETE PAVEMENT SHOWN. RECONFIGURATION OF THE TRENCH GRATE AND PAVEMENT WILL NOT INCREASE THE TOTAL IMPERVIOUS AREA. THE TOTAL DISCHARGE FROM THIS SITE IN THE DEVELOPED CONDITION IS THE SAME AS IT IS CURRENTLY.
- OFF-SITE CONSIDERATIONS**
THERE ARE NO UPSTREAM OFF-SITE FLOWS WHICH WILL IMPACT THIS SITE. IN ADDITION, THE SITE WILL NOT HAVE ANY DETRIMENTAL IMPACT ON DOWNSTREAM DRAINAGE INFRASTRUCTURE SINCE PROPOSED CONDITIONS DISCHARGE IS THE SAME AS EXISTING.
- CONCLUSION**
THE IMPROVEMENTS PROPOSED WITH THIS FINAL GRADING AND DRAINAGE PLAN IS CAPABLE OF SAFELY PASSING THE 100 YEAR STORM AND MEET THE CITY REQUIREMENTS. WITH THIS SUBMITTAL, WE ARE SEEKING CITY HYDROLOGY APPROVAL FOR BUILDING PERMIT.