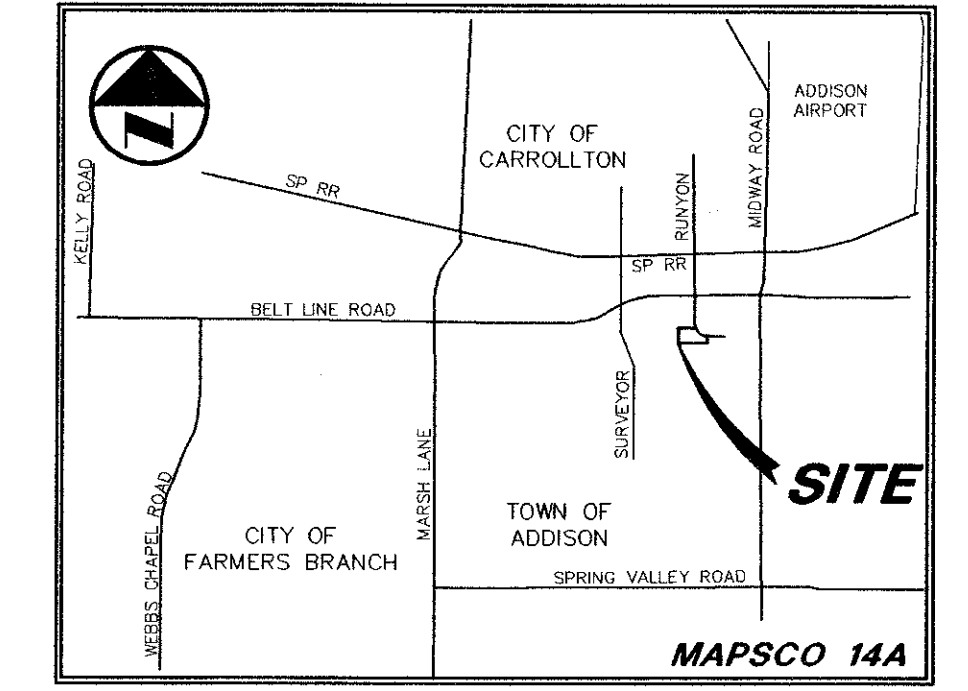


BENCHMARK LIST

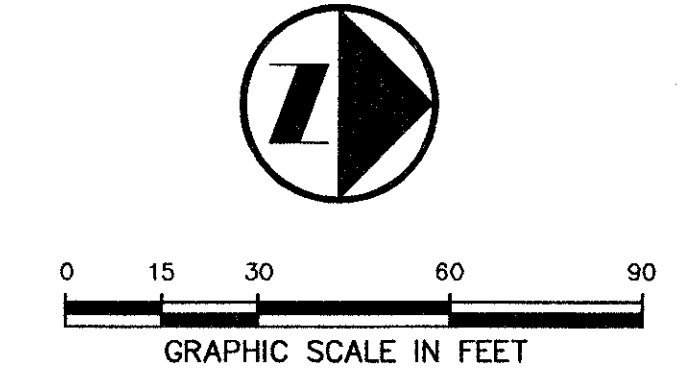
- BM # 1 "□" CUT IN CENTER OF A 21" INLET WEST SIDE OF PARKING AREA 275'+/- SOUTH OF SOUTH LINE OF BELTLINE ROAD AND 251'+/- EAST OF EAST LINE OF MARSH LANE. ELEV. 572.14
- BM # 2 "□" CUT IN CENTER OF INLET SOUTH SIDE OF BELTLINE ROAD, 80'+/- WEST OF ENTRANCE TO 4050 BELTLINE ROAD. ELEV. 599.40
- BM # 3 "□" CUT IN CENTER OF MEDIAN NOSE IN CENTER LINE OF BELTLINE ROAD, 85'+/- WEST OF ENTRANCE TO 4050 BELTLINE ROAD. ELEV. 600.21
- BM # 4 "□" CUT SOUTHWEST CORNER OF TRANSFORMER PAD, AT SOUTHWEST CORNER OF "OLD CHICAGO RESTAURANT" 4060 BELT LINE ROAD. ELEV. 607.81
- BM # 5 "□" CUT SET IN BASE OF LIGHT STANDARD, NORTHWEST CORNER OF SUBJECT TRACT. ELEV. 611.34



VICINITY MAP

LEGEND

- BOLLARD
- ELECTRIC METER
- POWER POLE
- LIGHT STANDARD
- WATER METER
- WATER VALVE
- IRRIGATION CONTROL VALVE
- FIRE HYDRANT
- CLEANOUT
- MANHOLE
- GAS METER
- TRAFFIC SIGNAL CONTROL
- TRAFFIC SIGNAL POLE
- TELEPHONE BOX
- TV BOX
- FLAG POLE
- PROPERTY LINE
- O.H. POWER LINES
- U/G TELEPHONE LINES
- U/G WATER LINE
- U/G GAS LINE
- FENCE

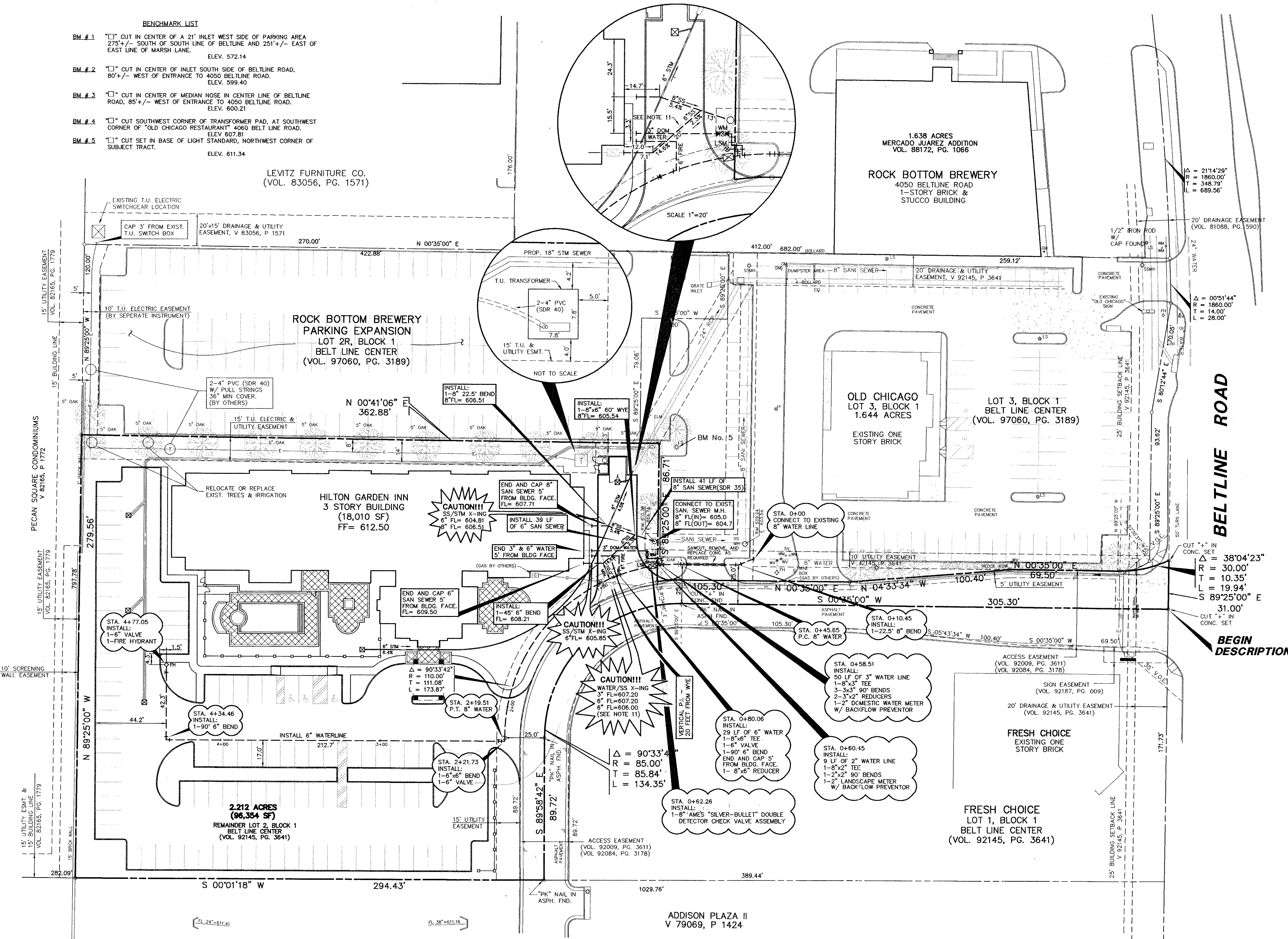


BELTLINE ROAD

BEGIN DESCRIPTION

WATER AND SANITARY SEWER GENERAL NOTES

1. ALL WORK, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, ISSUED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, AND TOWN OF ADDISON STANDARD CONSTRUCTION SPECIFICATIONS.
2. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL BE CLASS "A", (3000 PSI).
3. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM DATA RECORDED BY OTHERS. CONTRACTOR SHALL VERIFY THAT NECESSARY CROSSING CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO CONSTRUCTION OF ANY SUCH CROSSING. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT.
4. CONTRACTOR SHALL MAINTAIN ONE SET OF "RECORD DRAWINGS" ON SITE WHICH WILL BE SUBMITTED TO OWNER OR ENGINEER UPON COMPLETION OF THE PROJECT. RECORD DRAWINGS SHALL INDICATE THE LOCATION OF ALL SUBTERRANEAN UTILITY IMPROVEMENTS, AND INDICATE TIES TO ALL MANHOLES, CULVERTS, INLETS, JUNCTION BOXES, ETC.
5. ALL WATER MAINS SHALL BE DUCTILE IRON CLASS 51 WITH CATHODIC PROTECTION OR PVC C900, DR 18, CLASS 150.
6. ALL WATER MAINS UNLESS OTHERWISE NOTED SHALL HAVE A MINIMUM COVER OF 48" BELOW FINISHED GRADE.
7. SANITARY SEWER PIPE SHALL BE PVC C-900 SDR-35.
8. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS REGARDING TRENCH SAFETY.
9. BARRICADING AND PROJECT SIGNS SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADING AND CONSTRUCTION STANDARDS."
10. WHERE A SANITARY SEWER PARALLELS A WATERLINE, THE SEWER SHALL BE CONSTRUCTED OF CAST IRON, DUCTILE IRON OR PVC MEETING ASTM SPECIFICATIONS WITH A PRESSURE RATING FOR BOTH THE PIPE AND JOINTS OF 150 PSI. THE VERTICAL SEPARATION SHALL BE MINIMUM OF TWO FEET BETWEEN OUTSIDE DIAMETERS AND THE HORIZONTAL SEPARATION SHALL BE A MINIMUM OF FOUR FEET BETWEEN OUTSIDE DIAMETERS. THE SEWER SHALL BE LOCATED BELOW THE WATERLINE.
11. WHERE PROPOSED WATER IS CROSSING ABOVE THE PROPOSED SANITARY SEWER THE CONTRACTOR SHALL CENTER ONE JOINT OF SEWER PIPE UNDERNEATH THE WATER LINES. THE SEWER LINE SHALL BE CEMENT STABILIZED, SAND BACKFILLED ZONE FOR 9 FEET ON EITHER SIDE OF THE CROSSING.



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF JAMES A. KOCH JR., P.E. 62218 ON 10/31/97. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PACHECO KOCH 9401 LBJ Freeway, Suite 300
 Consulting Engineers, Inc. Dallas, Texas 75243
 Civil Engineering • Land Surveying (214) 235-3031

PROPOSED UTILITY PLAN
HILTON GARDEN INN
RUNYON EXT. AT BELTLINE ROAD
LOT 2, BLOCK 1
 TOWNES of ADDISON, TEXAS

| DESIGN | DRAWN | DATE | SCALE | NOTES | FILE | NO. |
|--------|---------|----------|--------|-------|------|------------|
| JAK | MWA/CHI | OCT 1997 | 1"=30' | | | C-4 |