



PIPE HYDRAULICS

LOT AREA = 0.324 ACRES
 C = 0.90 L = 9.8 TC = 10 MIN.
 Q100 = CIA = 0.90x9.8x0.324 = 2.86 CFS
 FROM MANNING'S EQUATION WITH SLOPE = 1%
 AND N = 0.012 :
 PIPE DIAMETER = 12" - USE 15 INCH DIA PIPE

NOTES:

1. PARKING AREA SHALL BE 5" - 3000 PSI REINFORCED CONCRETE PAVEMENT ON COMPACTED SUBGRADE. REINFORCEMENT SHALL BE NO. 3 REBAR ON 24 INCH CENTERS.
2. FIRE LANE SHALL BE 6" - 3600 PSI REINFORCED CONCRETE PAVEMENT ON COMPACTED SUBGRADE. REINFORCEMENT SHALL BE NO. 3 REBAR ON 24 INCH CENTERS BOTH WAYS.
3. CONSTRUCTION SHALL BE PER CITY OF ROCKWALL SPECIFICATIONS
4. PARKING STALLS ARE ON A 60 DEGREE LAYOUT.
5. NO BUILDING/PORCH EXPANSION ALLOWED.

CONTOURS ARE APPROXIMATE.
 GRADE DRIVEWAY/PARKING AREA
 TO DRAIN AS SHOWN.

CONCRETE SAFETY END
 TREATMENT EACH END
 OF RCP PIPE

--- CAUTION ---
 LOCATE UNDERGROUND
 UTILITIES BEFORE DIGGING
 CALL 1-800-DIG-TESS
 1-800-344-8377

LEGEND

- EXISTING/PROPOSED CONTOUR
- 578 EXISTING CONTOUR ELEVATION
- FLOW ARROW
- ⊙ REQUIRED HANDICAP PARKING SIGN MOUNTED ON STEEL POLE
- ▬ CAR STOP

SITE PLAN
 PARKING LOT ADDITION TO
 EXISTING OFFICE BUILDING AT
 705 S. GOLIAD ST.
 ROCKWALL, TEXAS