

LEGEND

| | |
|--|---|
| | EXISTING CONTOUR |
| | PROPOSED CONTOUR |
| | FLOW ARROW |
| | GRADE BREAK |
| | GUTTER (TOP OF PAVEMENT) ELEVATION |
| | PROPOSED GROUND ELEVATION |
| | EXISTING GROUND ELEVATION |
| | EXISTING GUTTER ELEVATION |
| | EXISTING TOP OF CURB ELEVATION |
| | CURB INLET (REFERENCE DRAINAGE PLAN FOR SIZE) |

ALL GRADING ELEVATIONS ARE LOWERED BY 500'

REFERENCE SHEET C2.1 FOR GENERAL NOTES

PRIMARY BENCHMARK:
CITY OF ROCKWALL GPS MONUMENT R017 - STANDARD 3 1/4" ALUMINUM CAP +/- 250' EAST OF HORIZON ROAD, 3' SOUTH OF NORTH CURB OF MEDIAN, RALPH HALL ROAD.
ELEVATION: 549.46'

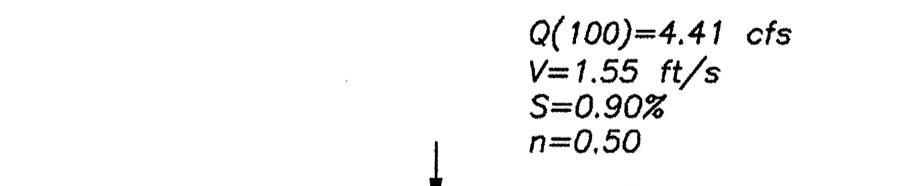
PROJECT BENCHMARK:
ROCKWALL CONTROL MONUMENT ON THE NORTHWEST CORNER OF A 15' INLET, 300' SOUTH OF HORIZON ROAD ON THE WEST SIDE OF ROCKWALL PARKWAY.
ELEVATION: 536.20'

PROJECT BENCHMARK:
CUT 'X' IN CONCRETE WHICH IS +/- 65' NORTHWEST OF 1ST WYE INLET AND +/- 8' SOUTH OF 2ND LIGHT POLE FROM ROCKWALL PARKWAY ON THE NORTHEASTERLY SIDE OF DRIVEWAY.
ELEVATION: 535.11'

PROJECT BENCHMARK:
CUT 'X' IN CONCRETE WHICH IS +/- 54' SOUTH OF SANITARY SEWER MANHOLE AND +/- 100' SOUTHWEST OF 1ST WYE INLET FROM ROCKWALL PARKWAY, NEAR THE CENTERLINE OF DRIVEWAY.
ELEVATION: 533.08'

RECORD DRAWING
THIS DRAWING REFLECTS REVISIONS AS FIELD VERIFIED BY ENGINEER AND CONTRACTOR
DATE: 4/19/09

CONTRACTOR SHALL USE EXTREME CAUTION AND PROTECT ALL UTILITIES WHEN WORKING IN PUBLIC ROW AND EASEMENTS. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES ACCORDING TO CITY GENERAL NOTES.



SECTION A-A
NTS

STATE OF TEXAS
RUSTY L. PRENTICE
100191
PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY RUSTY L. PRENTICE, P.E. 100191 ON 06/17/08 ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

PATE ENGINEERS

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DALLAS, TEXAS, 75247
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FAX (214) 357-2985

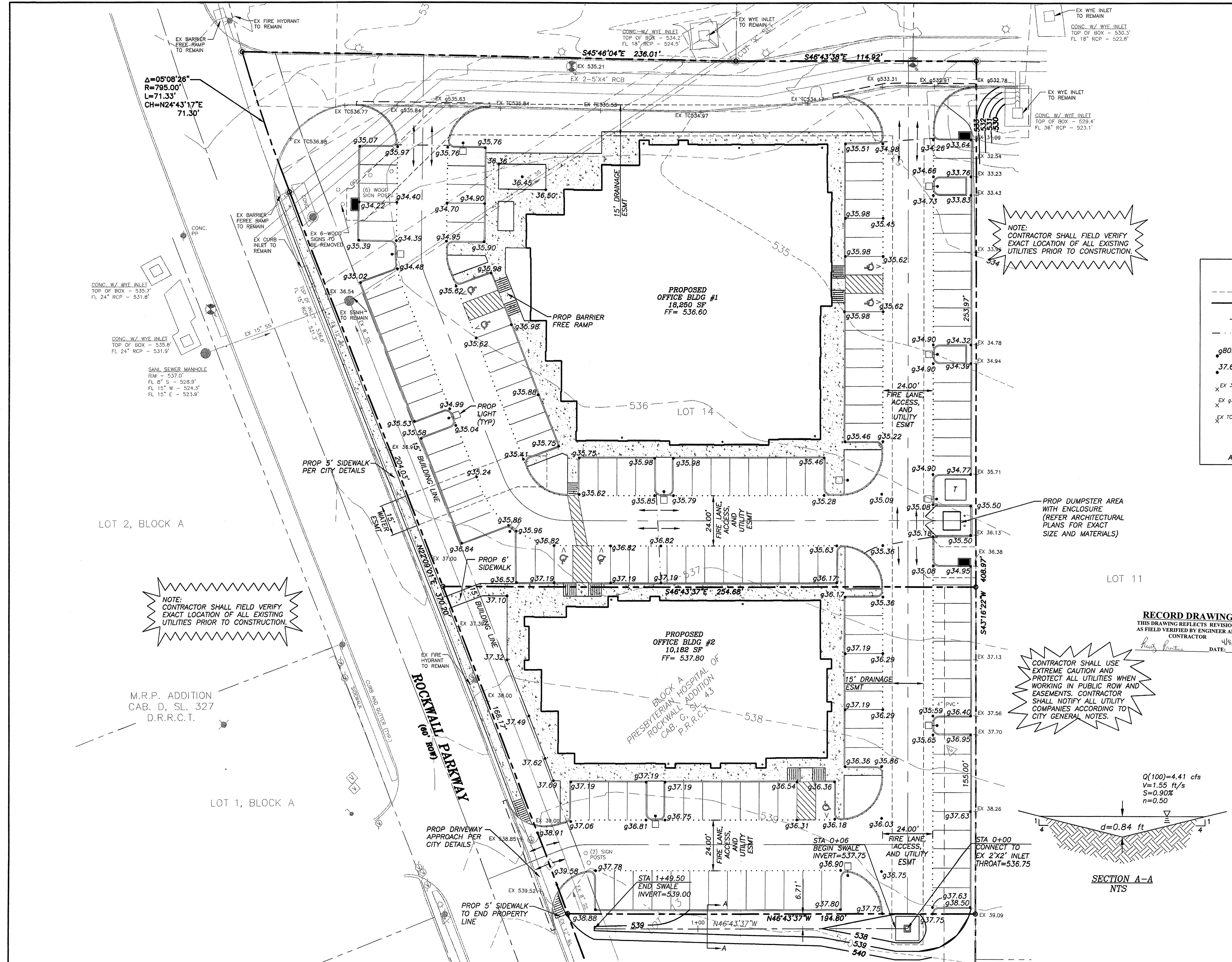
JOB NO. 182800100

| REVISION NUMBER | DATE | DESCRIPTION |
|-----------------|------|-------------|
| | | |
| | | |

ROCKWALL MEDICAL OFFICE
LOTS 14 AND 15, BLOCK A
PRESBYTERIAN HOSPITAL OF ROCKWALL ADDN
GRADING PLAN

CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

| DRAWN BY | DESIGNED BY | CHECKED BY | DATE | SCALE | SHEET NUMBER |
|----------|-------------|------------|---------|--------|--------------|
| PATE | PATE | RLP | 06/2008 | 1"=20' | C4.1 |



$\Delta=05'08''26''$
 $R=795.00'$
 $L=71.33'$
 $CH=N24'43''17''E$
 $71.30'$

CONC. W/ WYE INLET
TOP OF BOX = 535.7'
FL 24" RCP = 531.8'

CONC. W/ WYE INLET
TOP OF BOX = 535.6'
FL 24" RCP = 531.9'

SANIT. SEWER MANHOLE
RIM = 537.0'
FL 8" S = 528.9'
FL 15" W = 524.3'
FL 15" E = 523.9'

LOT 2, BLOCK A

NOTE:
CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

M.R.P. ADDITION
CAB. D, SL. 327
D.R.R.C.T.

LOT 1, BLOCK A

PROPOSED OFFICE BLDG #1
18,850 SF
FF= 536.60

PROPOSED OFFICE BLDG #2
10,182 SF
FF= 537.80

BLOCK A
PRESBYTERIAN HOSPITAL OF
ROCKWALL ADDITION
CAB. G, SL. 43
P.R.R.C.T.

PROP DUMPSTER AREA WITH ENCLOSURE (REFER ARCHITECTURAL PLANS FOR EXACT SIZE AND MATERIALS)

$Q(100)=4.41$ cfs
 $V=1.55$ ft/s
 $S=0.90\%$
 $n=0.50$