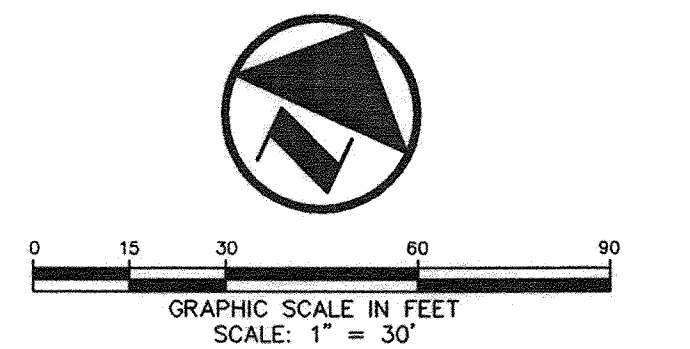


Drainage Area Table / Calculations									
Drainage Area #	Area (Ac)	Tc (Min)	C Dev	I ₁₀₀ Dev.	Q ₁₀₀	C Pre-Dev	I ₁₀₀ Pre-Dev.	Q ₁₀₀ Pre-Dev	Description
A1a	0.64	10.00	0.90	9.80	5.64	0.35	8.25	1.85	Horizon Rd. R.O.W.
A1b	0.18	10.00	0.90	9.80	1.59	0.35	8.25	0.52	5' Curb Inlet
B1	0.78	10.00	0.90	9.80	6.88	0.35	8.25	2.25	5' Curb Inlet
C1	1.01	10.00	0.90	9.80	8.91	0.35	8.25	2.92	10' Curb Inlet
C2	0.31	10.00	0.90	9.80	2.73	0.35	8.25	0.90	5' Curb Inlet
C3	0.47	10.00	0.90	9.80	4.15	0.35	8.25	1.36	Area Inlets
C4	0.55	10.00	0.90	9.80	4.85	0.35	8.25	1.59	5' Curb Inlet
D1	0.10	10.00	0.90	9.80	0.86	0.35	8.25	0.29	Off-Site South

DRAINAGE CRITERIA - RATIONAL METHOD
 Q = C * I * A, CFS
 C = RUNOFF COEFFICIENT, DIMENSIONLESS
 I = AVERAGE RAINFALL INTENSITY, IN/HR
 A = DRAINAGE BASIN AREA, ACRES

Notes:
 1. Detention for this lot is provided in the regional detention facility located adjacent to the west boundary.

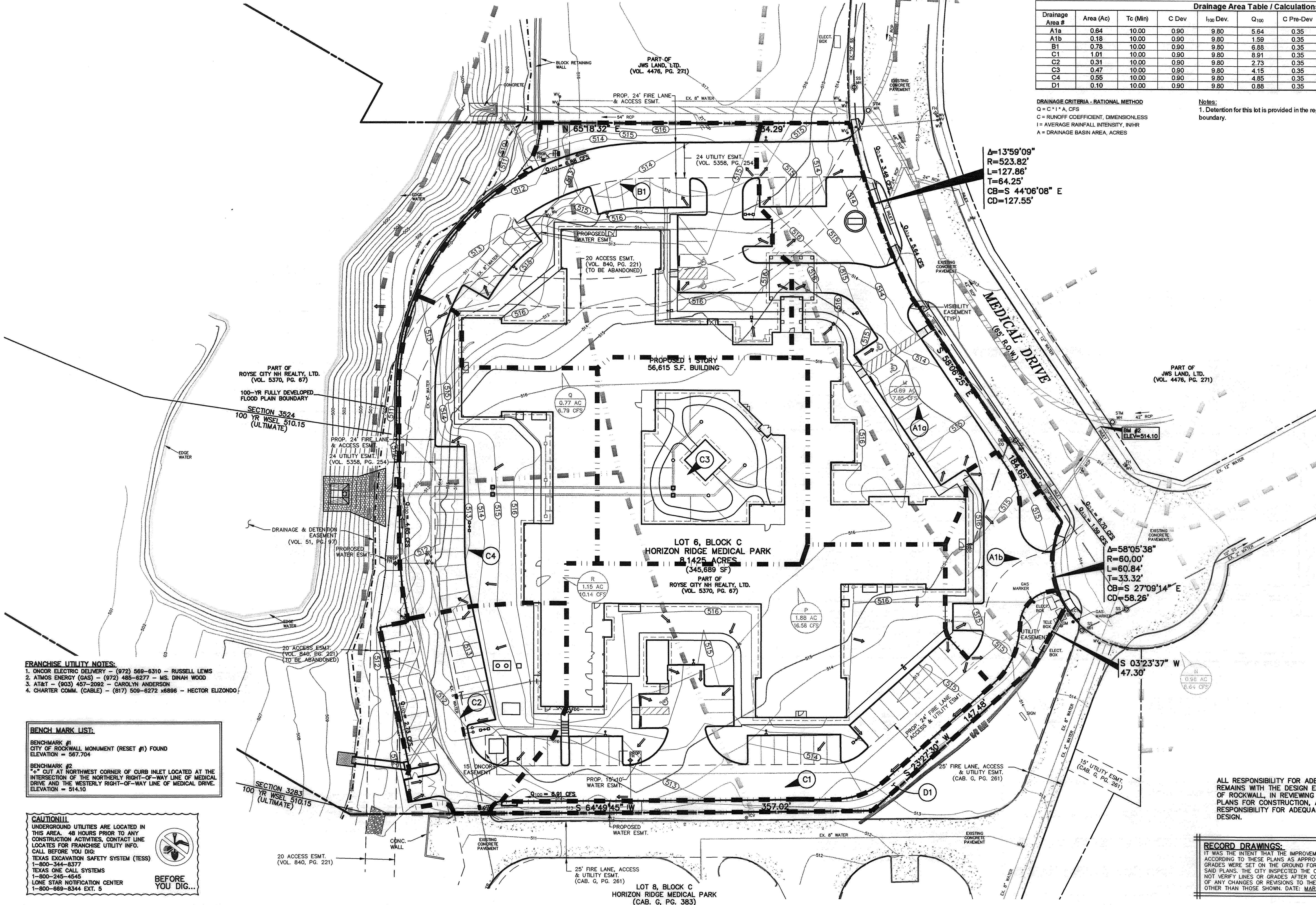


LEGEND

B	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
PH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
CO	CLEAN OUT
MH	MANHOLE
GM	GAS METER
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
SN	TRAFFIC SIGN
TELE	TELEPHONE BOX
TV	TV BOX
FP	FLAG POLE
---	PROPERTY LINE
---	O.H. POWER LINES
---	U/G TELE. LINES
---	U/G WATER LINE
---	U/G GAS LINE
---	FENCE
---	EXISTING CONTOURS
---	PROPOSED CONTOURS
---	PROPOSED DRAINAGE DIVIDES
---	EXISTING DRAINAGE DIVIDES

DRAINAGE AREA # XX
 DRAINAGE AREA XX AC
 FLOW, Q XX CFS

EXISTING DRAINAGE AREA DATA TAKEN FROM DRAINAGE AREA MAP FOR HORIZON RIDGE MEDICAL PARK, PREPARED BY PSA ENGINEERING, DATED 06-23-08



FRANCHISE UTILITY NOTES:
 1. ONCOR ELECTRIC DELIVERY - (972) 569-6310 - RUSSELL LEWIS
 2. AT&T ENERGY (GAS) - (972) 485-8277 - MS. DINAH WOOD
 3. AT&T - (803) 457-2092 - CAROLYN ANDERSON
 4. CHARTER COMM. (CABLE) - (817) 509-8272 x8896 - HECTOR ELIZONDO

BENCH MARK LIST:
 BENCHMARK #1
 CITY OF ROCKWALL MONUMENT (RESET #1) FOUND
 ELEVATION = 567.704
 BENCHMARK #2
 1/4\"/>

CAUTION!!!
 UNDERGROUND UTILITIES ARE LOCATED IN THIS AREA. 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES, CONTACT LINE LOCATES FOR FRANCHISE UTILITY INFO. CALL BEFORE YOU DIG.
 TEXAS EXCAVATION SAFETY SYSTEM (TESS)
 1-800-344-8377
 TEXAS ONE CALL SYSTEMS
 1-800-245-4546
 LONE STAR NOTIFICATION CENTER
 1-800-668-8344 EXT. 5
BEFORE YOU DIG...

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

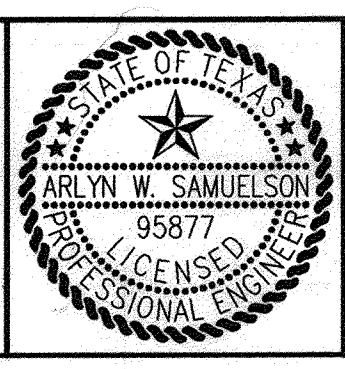
RECORD DRAWINGS:
 IT WAS THE INTENT THAT THE IMPROVEMENTS SHOWN BE CONSTRUCTED ACCORDING TO THESE PLANS AS APPROVED BY THE CITY. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY INSPECTED THE CONSTRUCTION. THE ENGINEER DID NOT VERIFY LINES OR GRADES AFTER CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION OTHER THAN THOSE SHOWN. DATE: MARCH 4, 2013.

DESIGN	DRAWN	DATE	PI NUMBER
AWS	WTW	09-01-2011	1483-11-027

PROJECT INFORMATION
 LAKESIDE REHABILITATION CENTER
 BLOCK C, LOT 6, HORIZON RIDGE MEDICAL PARK
 CITY OF ROCKWALL, TEXAS
 EDWARD TEAL SURVEY, ABSTRACT NO. 207
 PROPOSED USE: NURSING & REHABILITATION CENTER

DEVELOPER
 SMITHERS MERCHANT BUILDERS, LP
 21726 HARDY OAK BOULEVARD
 SAN ANTONIO, TEXAS 78258
 MR. DAVID FRICK
 (210) 479-2500 PHONE
 (210) 479-2507 FAX

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ARLYN W. SAMUELSON, P.E. 09/01/11 ON 09-01-2011 ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.
Arlyn W. Samuelson 09-01-11



POGUE
 ENGINEERING & DEVELOPMENT COMPANY, INC.
 1512 BRAY CENTRAL DRIVE
 SUITE 100
 MCKINNEY, TEXAS 75069
 (214) 544-8880 PHONE
 (214) 544-8882 FAX
 www.PogueEngineering.com

DRAINAGE AREA MAP
 LAKESIDE REHABILITATION CENTER
 BLOCK C, LOT 6, HORIZON RIDGE MEDICAL PARK
 EDWARD TEAL SURVEY, ABSTRACT NO. 207
 CITY OF ROCKWALL, TEXAS

SHEET NO. C2.01