N
W E
S

50 25 0 50 100
1" = 50'

INSTALL:
1 - 8"x 8" TEE
3 - 8" VALVES

INSTALL:
1 - 8" 45° HORIZ. BEND
1 - 8" 90° HORIZ. BEND

INSTALL:
1 - 8"x 6" TEE
1 - 8" VALVE
1 - 6" VALVE
1 - F.H.

INSTALL:
8" MTR. LINE

S44°39'17"E 788.14'

INSTALL:
1 - 8" 90° HORIZ. BEND

5+89.74 LINE "A"
CONST. 4' DIA. M.H.
Δ = 90°

4+01.79 LINE "A"
END @ 4' MANHOLE

INSTALL:
1 - 8"x 6" TEE
1 - 8" VALVE
1 - 6" VALVE
1 - F.H.

INSTALL:
8" MTR. LINE

LINE "A"

659.64'

EX. 16' WATER
EX. 10' WATER ESMT.

INSTALL:
1 - 8" 90°
HORIZ. BEND

INSTALL:
1 - 8" 45°
HORIZ. BEND

INSTALL:
1 - 16"x 8" TAPPING
SLEEVE W/ VALVE

INSTALL:
3 - 8" 11 1/4"
HORIZ. BENDS

3+95.56 LINE "A"
CONST. 4' DIA. M.H.
Δ = 52°

3+32.32 LINE "A"
CONST. 4' DIA. M.H.
Δ = 57°

INSTALL:
2 - 2" TAPS
1 TAP DOMESTIC
1 TAP LANDSCAPING

S44°51'34"W

LOT 1
BLOCK A
(1.600 ACRES)

INSTALL:
1 - 8"x 6" TEE
1 - 6" VALVE
1 - F.H.
1 - 8" PLUG

5+24.92 LINE "B"
END @ C.O.

LINE "B"

827.07'

S36°28'47"W

INSTALL:
8" MTR. LINE

INSTALL:
1 - 8"x 6" TEE
1 - 6" VALVE
1 - F.H.
1 - 8" PLUG

INSTALL:
1 - 8"x 6" TEE
1 - 8" VALVE
1 - F.H.
1 - 8" 45°
HORIZ. BEND

INSTALL:
8" MTR. LINE

INSTALL:
1 - 8" 22 1/2°
HORIZ. BEND

2+89.04 LINE "B"
CONST 4' DIA M.H.
Δ = 90°

1+65.48 LINE "B"
CONST. 4' DIA M.H.
Δ = 85°

INSTALL:
1 - 8"x 6" TEE
1 - 8" VALVE
1 - 6" VALVE
1 - F.H.
1 - 8" 90°
HORIZ. BEND

INSTALL:
1 - 8" 90°
HORIZ. BEND

YELLOW JACKET LANE
(90' RIGHT-OF-WAY)

10-98
MOVED

0+00 LINE "A"
CONN. TO EX. 8"
STUBOUT

LINE "A"

15' UTIL. ESMT.

R = 766.69'
D = 14°22'47"
T = 96.77'
L = 192.42'
CH = 191.91'
CB = N37°37'31"E

0+28.52 LINE "A"
CONST 4' DIA M.H.
Δ = 77°

LINE "B"

INSTALL:
1 - 8"x 8" TEE
3 - 8" VALVE

TYPE III

CONN. SEWER LATERAL
INTO EXISTING 4' M.H.

INSTALL:
1 - 8" 22 1/2°
HORIZ. BEND
1 - 8" VALVE

INSTALL:
1 - 2" TAP FOR
LANDSCAPING

EX. 8" SANI. SEWER

N44°49'25"W 638.48'

EX. 8" SANI. SEWER

174.97'

N45°10'35"E
30.00'

N44°30'11"W 490.43'

EX. 8" WTR.

EX. 8" WTR.

KYLE DRIVE
(60' RIGHT-OF-WAY)

R = 830.00'
D = 15°27'07"
T = 112.60'
L = 223.94'
CH = 223.16'
CB = S52°32'58"E

60 L.F. BORE FOR
PROP. 8" WTR.
W/ 12" STEEL ENCASEMENT
SLEEVE

INSTALL:
1 - 8"x 8" TAPPING
SLEEVE W/ VALVE

0+00 LINE "B"
CONN. TO EX.
MANHOLE

N44°49'25"W
24.70'

GENERALS NOTES
WATER & SEWER

1. ALL 6", 8" & 12" WATER MAINS SHALL BE P.V.C. ASTM C-900 WATER PIPE. FOR PVC SERVICE TAPS USE 1" C.T.S. POLY TUBE SDR-9.
2. WATER MAINS SHALL BE DUCTILE IRON WHERE CROSSING OTHER PIPES WITH LESS THAN 9' OF VERTICAL OR HORIZONTAL CLEARANCE.
2B. SANITARY SEWER MAINS SHALL BE CONCRETE ENCASED OR PRESSURE PIE WHERE CROSSING WATER LINES WITH LESS THAN 9' OF VERTICAL OR HORIZONTAL CLEARANCE
2C. SPECIAL PIPE OR CONCRETE ENCASEMENT SHALL EXTEND 10' UPSTREAM AND DOWNSTREAM OF CROSSINGS.
2D. CONTRACTOR TO INSTALL A ONE-WAY CLEAN OUT ON THE BUILDING LATERAL AT THE EASEMENT LINE WHERE THE LATERAL BECOMES A PRIVATE LINE. THIS CLEAN OUT SHALL FACE THE MAIN LINE SO THE PUBLIC PORTION OF THE LATERAL IN THE EASEMENT CAN BE CLEANED.
3. ALL WATER MAINS SHALL HAVE A MINIMUM COVER BELOW FINISH PAVING GRADE AS FOLLOWS: 6" - 42", 8" - 48". IN UNIMPROVED AREAS A DEPTH OF 60" SHALL BE THE MINIMUM OR AS REQUIRED TO CLEAR OTHER UTILITIES.
4. EXTEND WATER DEADHEADS AND SANITARY SEWER LATERALS 2' BEYOND THE BACK OF CURB.
5. SEE MECHANICAL ENGINEERING DRAWINGS FOR EXACT LOCATION OF WATER AND SANITARY SEWER PLUMBING LINES.
6. ALL WATER DEADHEADS SHALL BE 2" POLYTUBE WITH 2" VALVE, 2" ANGLE STOP WITH METER FLANGE OUTLET. PLACE VALVE BOX AT MAIN AND ADJUST TO FINAL GRADE
7. ALL SANITARY SEWER LATERALS SHALL BE 6" UNLESS OTHERWISE SHOWN. SEWER MAINS TO BE PVC ASTM D-034 SDR 35
8. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES IN THE AREA OF CONSTRUCTION PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL CONTACT DESIGN ENGINEER OF ANY VARIATIONS TO THE PLANS IN REGARD TO THE EXISTING UTILITIES. (214) 630-5200.
9. ALL MECHANICAL JOINT FITTINGS REQUIRE JOINT RESTRAINTS (EX. MEGALUG).
10. ALL FIRE HYDRANT LEADS SHALL HAVE A 6" GATE VALVE AT THE MAIN.
11. UTILITY CONTRACTOR TO INSTALL AND 2 - 2" WATER TAPS FOR LANDSCAPING PURPOSES. LOCATIONS TO BE VERIFIED BY THE LANDSCAPE ARCHITECT.

AS-BUILT
DATE 2-4-99

STATE OF TEXAS
JEFF D. CRANNELL
50800
REGISTERED
PROFESSIONAL ENGINEER

REVISED 10-97
REVISED 11-97
REVISED 7-22-97

LEGEND:

- EX. WATER MAIN
- PROP. 8" WATER MAIN
- EX. SANI. SEWER
- PROP. SANI. SEWER
- PROP. FIRE HYDRANT
- PROP. 2" WATER METER
- EX. SANI. SEWER MANHOLE
- PROP. SANI. SEWER MANHOLE
- PROP. CLEANOUT

WATER & SANITARY SEWER PLAN						
ROCKWALL PLACE APARTMENTS						
ROCKWALL / S-130, LTD.						
CCM ENGINEERING, CORP.						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
CCM	CCM	3-97	H:1"=50'		RWL-WS-R	3

n:\DWF-APT\RWL-WS-R Tue Aug 12 10:48:28 1997 JC