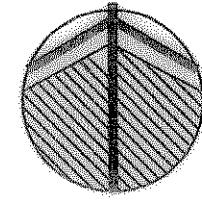


NORTH



GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

BENCH MARK
B.M. "□" CUT TOP OF CURB, NORTH SIDE OF
SUMMER LEE DRIVE AND F.M. HIGHWAY NO. 740.
ELEVATION 565.71.

EXTEND 6" CONCRETE FIRE LANE APPROXIMATELY 67' TO CONNECT
TO EXISTING CONCRETE PAVEMENT. SAW CUT AND REMOVE EXISTING
CONCRETE PAVEMENT TO LAP EXISTING REINFORCING 30 BAR DIAMETERS
OR 12", WHICHEVER IS GREATER. MATCH EXISTING GRADES.

CONTRACTOR SHALL FIELD DETERMINE SLOPE
BETWEEN NEW AND EXISTING CURBS, WHERE
SLOPE EXCEEDS 3:1 PAVE STEEP AREA
WITH 4" OF 3000 PSI REINFORCED
CONCRETE.

PIPE DETENTION AREA 1
UNDERGROUND ALUMINIZED
CORRUGATED PIPE STORAGE
(CAPACITY 1,800 CU.FT.)
7 PIPES IN PARALLEL @ 3.25' DIA.
2 HEADER PIPES @ 2.25' DIA. EA.
7.5" DIA ORIFICE CONTROL DISCHARGE FLOW
FROM UNDERGROUND PIPE SYSTEM.
(DISCHARGE ORIFICE DESIGNED TO DETAIN WATER
IN UNDERGROUND PIPES AND IN PARKING LOT.)

2'x2' DRAIN INLET
ELEV. 567.7
FL 10" ADS 565.87

30" MANHOLE

5' CURB INLET
1/2" ELEV 571.09
FL 18" ADS 567.09

18" ADS

DRAIN INLET
ELEV. 569.60
FL 18" ADS 567.10

5' ORIFICE
CURB INLET NO. 1
(4" DIA ORIFICE)
1/2" ELEV 571.25
FL 8" ADS 566.58

5' CURB INLET
1/2" ELEV. 571.30
FL 18" ADS 567.50

2'x2' DRAIN INLET
ELEV. 571.30
FL 18" ADS 567.51

F.M. HIGHWAY 740 (RIDGE ROAD)

WORK IN F.M. 740 RIGHT-OF-WAY
IS GOVERNED BY TxDOT
PERMIT REQUIREMENTS AND
SPECIFICATIONS. TRAFFIC CONTROL
DEVICES USED MUST CONFORM TO
THE TEXAS MANUAL ON UNIFORM
TRAFFIC CONTROL DEVICES FOR
STREETS AND HIGHWAYS.

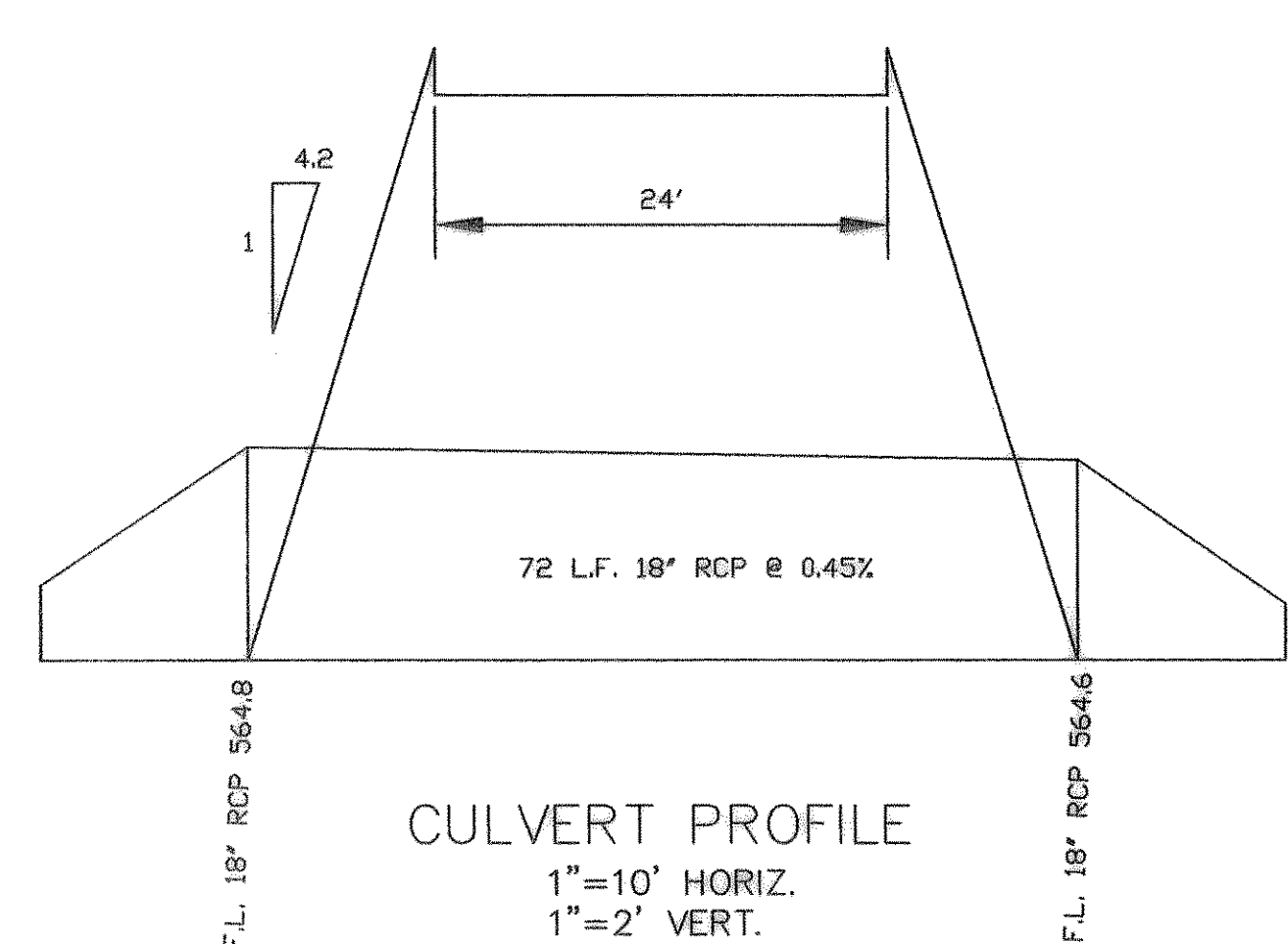
PIPE DETENTION AREA 2
UNDERGROUND ALUMINIZED CORRUGATED PIPE STORAGE
(CAPACITY 1,700 CU.FT.)
5 TELESCOPIC 40 FT. PIPES (20 FT @ 3' DIA. &
20 FT @ 2.75' DIA.) 2 HEADER PIPES (19.25 FT @ 2.75' DIA.)
& (21 FT @ 3.0' DIA.) 6.5" DIA ORIFICE CONTROL DISCHARGE FLOW
FROM UNDERGROUND PIPE SYSTEM
(DISCHARGE ORIFICE DESIGNED TO DETAIN WATER
IN UNDERGROUND PIPES AND IN PARKING LOT.)

72 LIN. FT. 18" RCP CULVERT
W/2 PRECAST SAFETY END TREATMENT
HEADWALLS. FL U.S. 564.8, FL D.S. 564.6

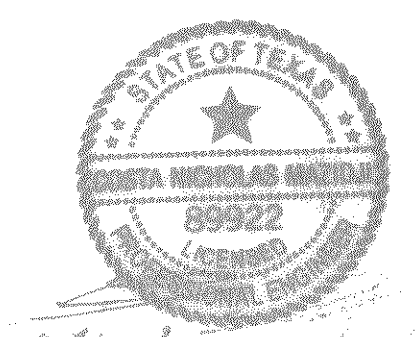
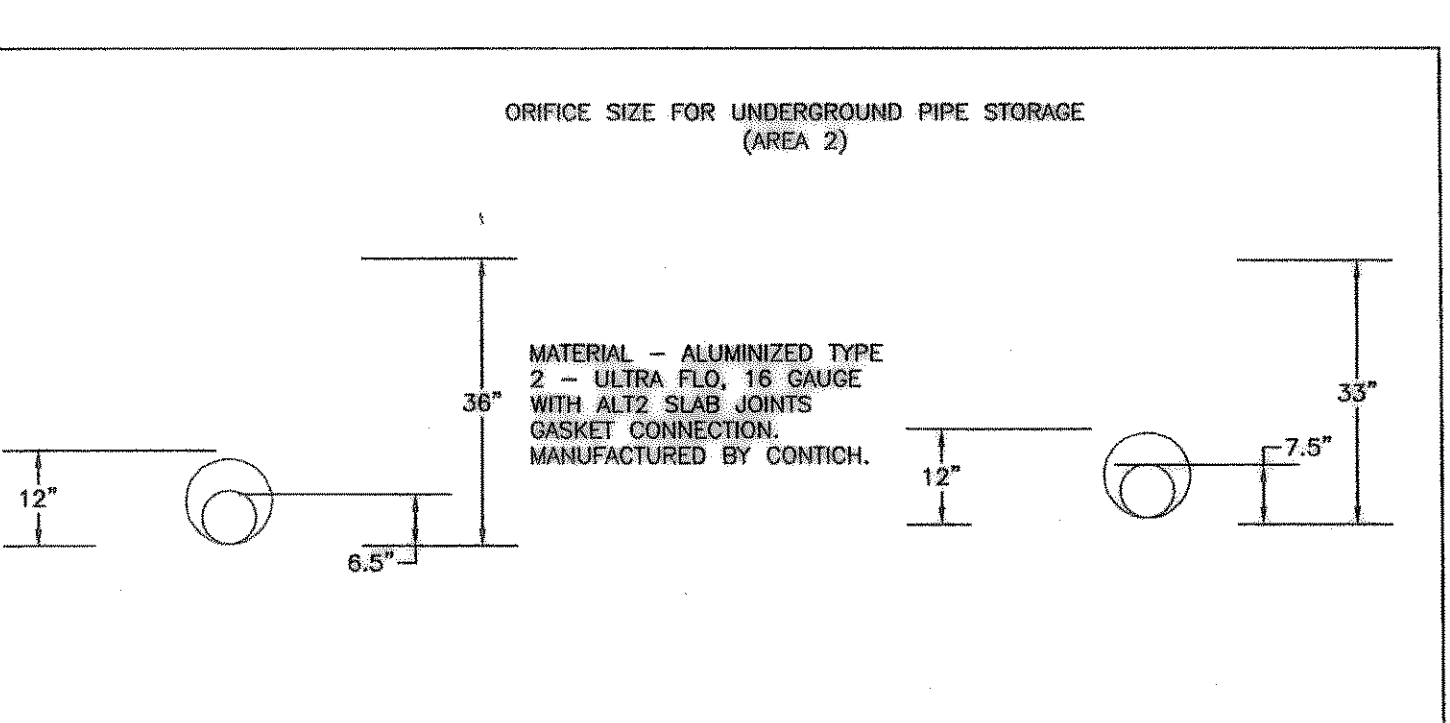
PROPERTY LINE
4' CURB OPENING
0+67 EXIST. CONC.

571.00 GUTTER
571.17 GUTTER

OFFSITE PAVEMENT
1"=20 HORIZ.
1"=5' VERT.



CULVERT PROFILE
1"=10' HORIZ.
1"=2' VERT.



American Title/ Chakmakjian Office Complex

Ridge Road, Rockwall, Texas

Mazidji Group
Civil Engineering &
Environmental Consulting
11105 Fernald Avenue,
Dallas, Texas 75218
(214)349-7334

AS-BUILT GRADING
AND DRAINAGE

DATE: February 09, 2003
DATE: October 11, 2001
DWG: Chakmakjian / Am Title
PROJECT NO. MG205
ISSUE LOG:
1.
2.
3.

Sheet No.
C3
Sheet 3 of 9