STA. 30+00
INSTALL ENDRESS+HAUSER PROMAG 8" 53W
FLOW METER IN A PRECAST AT GRADE METER
VAULT. METER HOUSING TO BE MOUNTED ON A
POLE NEAR THE EXISTING FENCE LINE. RE:
DETAIL ON THIS SHEET. CONTRACTOR TO
COORDINATE WITH RANDY VOIGHT ((972)
551-7233) WITH ONCOR TO RUN ELECTRIC
SERVICE TO THE METER LOCATION.

8" SS FORCE MAIN

McDonald Road

LEGEND

- – – – – – EX. CONTOURS
- ———— PROPOSED SANITARY SEWER MAIN
- —·—·—·— EX. RIGHT-OF-WAY

100 50 0 100 200
1" = 100'

METER STATION DETAIL
N.T.S.

PROFILE VIEW

CHESSEL 392 CIRCULAR CHART
RECORDER AND REMOTE CONTROL
PANEL HOUSING MOUNTED INSIDE A
NEMA 4x ENCLOSURE. ENCLOSURE
MOUNTED TO 3" STAINLESS STEEL
PIPES WITH UNISTRUT HARDWARE.

PROPOSED PRECAST
CONCRETE METER VAULT
WITH 2'x3' LIGHT DUTY
ACCESS HATCH BY PARK
ENVIRONMENTAL OR EQUAL

FINISHED GRADE

CORE WALL 3" IN
DIAMETER AND
SEAL WITH LINK-
SEAL OR SIMILAR

LB CONDUIT
TEE CONDUIT
CBG W/KELLUMSGRIP
WIRE SUPPORT AND
SILICONE SEAL

ENDRESS-HAUSER 53W
ELECTROMAGNETIC METER
SPECIFICATIONS AND
INSTALLATION MANUAL
ATTACHED TO THIS
SUBMITTAL

INSTALL PIPING TECHNOLOGY
AND PRODUCTS HD-1 ANCHOR
TYPE HOLD DOWN CLAMPS OR
APPROVED EQUAL ON EACH
SIDE OF THE FLANGE AS
SHOWN.

DRAIN

1" PVC COATED ALUMINUM
CONDUIT WIRING FROM
ELECTROMAGNETIC METER
TO REMOTE CONTROL
PANEL HOUSING. WIRING
AND WIRING DIAGRAM
PROVIDED BY
ENDRESS-HAUSER

PROPOSED ELECTRIC METER
TO BE MOUNTED ON 3"
STAINLESS STEEL PIPE

EXISTING FENCE LINE

CORE WALL 18" IN
DIAMETER AND SEAL WITH
LINK SEAL AND STAINLESS
STEEL BOLTS, NUTS AND
WASHERS.

INSTALL PIPING TECHNOLOGY
AND PRODUCTS HD-1 ANCHOR
TYPE HOLD DOWN CLAMPS OR
APPROVED EQUAL ON EACH
SIDE OF THE FLANGE AS
SHOWN.

INSTALL
GROUNDING DISKS
AT EACH FLANGE.
PROVIDED BY
SUPPLIER

PLAN VIEW

PROPOSED
ELECTRIC
DROP POLE

FLEXIBLE COUPLING
ADAPTER

CORE WALL 18" IN
DIAMETER AND SEAL WITH
LINK SEAL AND STAINLESS
STEEL BOLTS, NUTS AND
WASHERS.

8" FORCE MAIN

DIRECTION OF FLOW

4'-8"
4'-0"
2'-0"
3'-0" MIN.

STA. 30+00
INSTALL ENDRESS+HAUSER
PROMAG 8" 53W FLOW METER
IN A PRECAST AT GRADE
METER VAULT

EX. GRADE

PROPOSED 8" PVC SANITARY SEWER LINE
(SDR-25 C900 W/ SAND EMBEDMENT)

FL 8" 517.50

V: 1"=20'
H: 1"=200'

NOTE: NO VERTICAL BENDS ARE
ALLOWED WITHIN 5*PIPE
DIAMETER UPSTREAM AND 2*PIPE
DIAMETER DOWNSTREAM OF
PROPOSED SEWER FLOW METER

Owner:
City of McLendon-Chisholm
1248 S. Hwy 205 • McLendon-Chisholm, TX • 75032
Phone: 972-524-2077

City of McLendon-Chisholm
SANITARY SEWER MAIN

Drawn By: FC CUNY	Checked By: FC CUNY
Date: 12-12	Project No.: 08-007

Sheet Title:
Offsite Sanitary Sewer
Sta. 28+00 to Sta. 50+00

Scale: 1"=100'	Sheet No.: 3 of 12

RECORD DRAWING