CONNECTIONS

_____ CONN. TO EXIST. C = _____
WITH
**" (OD ML&PCS)
WITH
**" (OD ML&CS)
WITH
_____ *" TEE C = _____
_____ *" X " TEE C = _____
_____ " X *" TEE C = _____
_____ *" SPLIT TEE C = _____
DWG 282-EA
_____ *" SPLIT TEE C = _____
_____ *" X " SPLIT TEE C = _____
_____ " X *" SPLIT TEE C = _____
_____ *" TEE, FLG'D OUTLET C = _____
_____ *" X " TEE, FLG'D OUTLET C = _____
_____ " X *" TEE, FLG'D OUTLET C = _____
_____ *" X " SADDLE PLATE C = _____
DWG 238-EA
_____ " X *" SADDLE PLATE C = _____
DWG 238-EA
_____ " X " SADDLE PLATE C = _____
DWG 238-EA
_____ " X 2" SERVICE CLAMP C = _____
AND CHABOT STOP
DWG 9020-GB, FIG __
_____ 2" STEEL COUPLING C = _____
AND CHABOT STOP
DWG 9020-GB, FIG __

WET TAP BY DISTRICT FORCES CEMENT MORTOR COAT

WET TAP BY DISTRICT FORCES

VALVES

_____ *" SKIRTED FLANGE
_____ *" VALVE, GATE C = _____
M:_____O:___T:___
_____ *" VALVE, GATE, TAPPING C = _____
M:_____O:___T:___
_____ *" VALVE, GATE, FLG'D, T.C. C = _____
M:_____O:___T:___
_____ *" VALVE, GATE, FLG'D C = _____
M:_____O:___T:___
_____ *" VALVE, GATE, FLG'D, SKT'D C = _____
M:_____O:___T:___
_____ *" VALVE, B'FLY, FLG'D C = _____
M:_____O:___T:___
_____ *" VALVE, B'FLY, FLG'D, SKT'D C = _____
M:_____O:___T:___
_____ 2" VALVE, BALL C = _____
DWG 3272-B

ELLS & SFC

_____ *" ELL, 11¼°, (HORIZ) C = _____
_____ *" ELL, 22½°, (HORIZ) C = _____
_____ *" ELL, 45°, (HORIZ) C = _____
_____ *" ELL, 90°, (HORIZ) C = _____
_____ *" ELL, 45°, (VERT) C = _____
_____ *" ELL, 45°,± (VERT) C = _____
_____ *" ELL,_____,± (COMB) C = _____
___,± (VERT)
___,± (HORIZ)
(TRIM FROM 45° ELL)
_____ *" ELL,_____,± (COMB) C = _____
___,± (VERT)
___,± (HORIZ)
(TRIM FROM 90° ELL)
_____ *" ELL, ____,± (VERT) C = _____
(TRIM FROM 45° ELL)
_____ *" ELL, ____,± (VERT) C = _____
(TRIM FROM 90° ELL)
_____ *" ELL, ____,± (HORIZ) C = _____
(TRIM FROM 45° ELL)
_____ *" ELL, ____,± (HORIZ) C = _____
(TRIM FROM 90° ELL)
_____ SINGLE FIELD CUT C = _____
@ ____,± (COMB)
@ ____,± (VERT)
@ ____,± (HORIZ)
_____ SINGLE FIELD CUT C = _____
@ ____,± (VERT)
_____ SINGLE FIELD CUT C = _____
@ ____,± (HORIZ)

UTILITIES

_____ INSTALL UNDER " RCP DRAIN C = _____
*" PVC C = _____
_____ INSTALL UNDER " RCP DRAIN C = _____
*" ML&PCS C = _____
_____ INSTALL UNDER ***" DRAIN C = _____
*" PVC C = _____
_____ INSTALL UNDER ***" DRAIN C = _____
*" ML&PCS C = _____
_____ INSTALL OVER " RCP DRAIN C = _____
_____ INSTALL OVER ***" DRAIN C = _____
_____ INSTALL UNDER " SEWER C = _____
*" PVC C = _____
_____ INSTALL UNDER " SEWER C = _____
*" ML&PCS C = _____
_____ INSTALL OVER " SEWER C = _____
_____ INSTALL UNDER
*" PVC C = _____
_____ INSTALL UNDER
*" ML&PCS C = _____
(WITH STYROFOAM PAD)
TYP. CULVERT CROSSING DETAIL
SEE SHEET
_____ INSTALL OVER
_____ INSTALL (OVER/UNDER)
_____ TELEPHONE CONDUIT C = _____
_____ ELECTRIC CONDUIT C = _____
_____ GAS LINE C = _____
_____ JOINT TRENCH C = _____
_____ " WATER MAIN C = _____

MISC.

_____ N/L
_____ S/L
_____ E/L
_____ W/L
_____ C = _____
C = _____
_____
_____ SIMILAR TO
_____ END *" , BEG. *" C = _____
_____ BEG. *" STEEL CASING C = _____
_____ END *" STEEL CASING C = _____

DWG 169-EA TYPE A	DWG 238-EA	DWG 1870-A
DWG 189-EA, TYPE _	DWG 282-EA	DWG 3272-B
DWG 198-EA	DWG 286-EA, FIG B-2	DWG 3446-GB, FIG __
DWG 194-EA	DWG 288-EA, FIG B	DWG 9020-GB, FIG __
DWG 199-EA	DWG 332-EA	

FITTINGS

_____ *" ADAPTER, BELL FLG'D C = _____
_____ TAP FOR 1" AIR VALVE C = _____
DWG 189-EA, TYPE _
_____ BLIND FLANGE C = _____
DWG 198-EA
_____ *" BUMPED HEAD C = _____
_____ *" BUTTSTRAP C = _____
_____ *" COUPLING C = _____
_____ *" CROSS C = _____
_____ *" X " CROSS C = _____
_____ " X *" CROSS C = _____
_____ *" DISHED HEAD C = _____
_____ *" FLG'D INSULATING SET
_____ *" FLEXIBLE COUPLING C = _____
_____ *" INSULATING FLEX. COUPLING C = _____
_____ *" INSULATING JOINT C = _____
DWG 3446-GB, FIG ___
_____ *" NIPPLE C = _____
_____ *" PLUG C = _____
_____ *" X " REDUCER C = _____
_____ " X *" REDUCER C = _____
_____ " X " REDUCER C = _____
_____ *" X 4" REDUCING FLANGE C = _____
_____ *" X 2" REDUCING FLANGE C = _____
_____ 20" X *" SADDLE NOZZLE C = _____
DWG 238-EA
_____ *" X " SKEW NOZZLE C = _____
DWG 238-EA
_____ " X *" SKEW NOZZLE C = _____
DWG 238-EA
_____ *" SKIRTED FLANGE
_____ *" X " TAPER C = _____
_____ " X *" TAPER C = _____
_____ " X " TAPER C = _____

HYD. & CORR.

_____ 6" TEE C = _____
HYD. ORDER NO. _____
_____ *" X 6" TEE C = _____
HYD. ORDER NO. _____
_____ 6" TEE, FLG'D OUTLET C = _____
HYD. ORDER NO. _____
_____ *" X 6" TEE, FLG'D OUTLET C = _____
HYD. ORDER NO. _____
_____ *" X 6" SADDLE PLATE C = _____
HYD. ORDER NO. _____
_____ 6" TEE C = _____
_____ *" X 6" TEE C = _____
_____ 6" TEE, FLG'D OUTLET C = _____
_____ *" X 6" TEE, FLG'D OUTLET C = _____
_____ *" X " SADDLE PLATE C = _____
RECONN. HYD. NO. _____
_____ GALVANIC ANODE C = _____
WITH TEST STATION
DWG 286-EA, FIG A- -2
LEDGER NO. _____
_____ INSTALL 32-LB ANODE C = _____
DWG 286-EA, FIG B-2

BLOWOFFS

_____ BEG. 2" BLOWOFF C = _____
DWG 3272-B
_____ *" X 4" SKEW NOZZLE C = _____
DWG 238-EA
4" BLOWOFF
DWG 169-EA TYPE B
_____ BEG. 4" BLOWOFF C = _____
DWG 169-EA TYPE A
_____ 6" BLOWOFF & PUMPING TEE C = _____
DWG 199-EA

_____ *" ANCHOR
DWG 194-EA

_____ *" VALVE, GATE, FLG'D, T.C. C = _____
M:_____O:___T:___
BEG. 4" BLOWOFF
DWG 332-EA

_____ *" VALVE, GATE, FLG'D, T.C. C = _____
M:_____O:___T:___
BEG. 4" BLOWOFF
DWG 332-EA

_____ *" ANCHOR
DWG 194-EA

_____ *" VALVE, GATE, FLG'D C = _____
M:_____O:___T:___
BEG. 4" BLOWOFF
DWG 332-EA

OFFSET RETURNS

UNDER

_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
BEG. *" X 2' OFFSET RETURN
DWG 1870-A

_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
END *" X 2' OFFSET RETURN
DWG 1870-A

_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
BEG. *" X 4' OFFSET RETURN
DWG 1870-A

_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
END *" X 4' OFFSET RETURN
DWG 1870-A

_____ BEG. *" X 2' OFFSET RETURN C = _____
DWG 1870-A

_____ END *" X 2' OFFSET RETURN C = _____
DWG 1870-A

_____ BEG. *" X 4' OFFSET RETURN C = _____
DWG 1870-A

_____ END *" X 4' OFFSET RETURN C = _____
DWG 1870-A

OVER

_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
BEG. *" X 2' OFFSET RETURN
DWG 1870-A

TYP. CULVERT CROSSING DETAIL
SEE SHEET
_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
END *" X 2' OFFSET RETURN
DWG 1870-A

_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
BEG. *" X 4' OFFSET RETURN
DWG 1870-A

TYP. CULVERT CROSSING DETAIL
SEE SHEET
_____ *" ADAPTER, BELL FLG'D C = _____
*" SKIRTED FLANGE
END *" X 4' OFFSET RETURN
DWG 1870-A

_____ BEG. *" X 2' OFFSET RETURN C = _____
DWG 1870-A

TYP. CULVERT CROSSING DETAIL
SEE SHEET
_____ END *" X 2' OFFSET RETURN C = _____
DWG 1870-A

_____ BEG. *" X 4' OFFSET RETURN C = _____
DWG 1870-A

TYP. CULVERT CROSSING DETAIL
SEE SHEET
_____ END *" X 4' OFFSET RETURN C = _____
DWG 1870-A