PLAN

SCALE: 1" = 50'

50' 0' 25' 50' 100'

US 64

TAOS REGIONAL AIRPORT PROPERTY BOUNDARY

58+00 59+00 60+00 61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00

57+00 56+00 55+00 54+00

MATCHLINE C-6 / MATCHLINE C-7

MATCHLINE C-7 / MATCHLINE C-8

±21'

7100 7099

GENERAL NOTES:

1. CLEAR AND GRUB PIPE CORRIDOR (MIN 10' WIDTH) AND GRADE SMOOTH AFTER ALL CONSTRUCTION.

2. MINIMUM PIPE BURIAL SHALL BE 4' TO TOP OF PIPE.

3. EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO CONTACT APPROPRIATE UTILITY JURISDICTION AND POTHOLE EXISTING UTILITIES AS REQUIRED TO AVOID CONFLICTS.

4. MAINTAIN 6' CLEARANCE BETWEEN EXISTING ROAD EDGE OF PAVEMENT AND WATERLINE TRENCH EXCAVATION UNLESS OTHERWISE NOTED.

5. PIPELINE CROSSINGS OF ROADWAYS AND DRIVEWAYS SHALL BE IN ACCORDANCE WITH NM PUBLIC WORKS STANDARDS.

6. MAINTAIN 10' HORIZONTAL AND 1.5' VERTICAL CLEARANCE BETWEEN WATERLINES AND SEWER FORCE MAIN.

7. PIPE RESTRAINT PER DETAIL 3, DWG C-21

KEY NOTES:

1. 8" DR 18 C900 PVC LINE PER DETAIL 1, DWG C-18
2. 90-DEGREE BEND
3. 45-DEGREE BEND
4. 22.5-DEGREE BEND
5. 11.25-DEGREE BEND
6. GATE VALVE IN CAN PER DETAIL 3, DWG C-18
7. AIR RELEASE VALVE IN VAULT PER DETAIL 2, DWG C-20
8. UTILITY CROSSING
9. 8" DR 18 TEE
10. BLIND FLANGE
11. FIRE HYDRANT PER DETAIL 1, DWG C-20
12. 1" DR SADDLE TAP
13. 1" DR 18 HDPE WATER SERVICE LINE
14. 8" X 6" DR 18 TEE

PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

EXISTING GROUND

4' MIN. BURY

8" PVC C900 DR 14

GATE VALVE
STA=60+00.00
TOP ELEV=7092.33

APPROX. LOCATION OF UE
STA=65+76.51
APPROX. INVERT ELEV.=7098.0

MATCHLINE C-6 / MATCHLINE C-7

MATCHLINE C-7 / MATCHLINE C-8

TOP=7086.15 STA=54+75.0
TOP=7088.56 STA=57+63.8
TOP=7095.56 STA=62+02.0
TOP=7097.44 STA=65+28.8
TOP=7095.08 STA=67+06.2
TOP=7092.57 STA=68+12.0

7110 7105 7100 7095 7090 7085 7080 7075 7070 7065

54+75 55+00 55+50 56+00 56+50 57+00 57+50 58+00 58+50 59+00 59+50 60+00 60+50 61+00 61+50 62+00 62+50 63+00 63+50 64+00 64+50 65+00 65+50 66+00 66+50 67+00 67+50 68+00 68+20
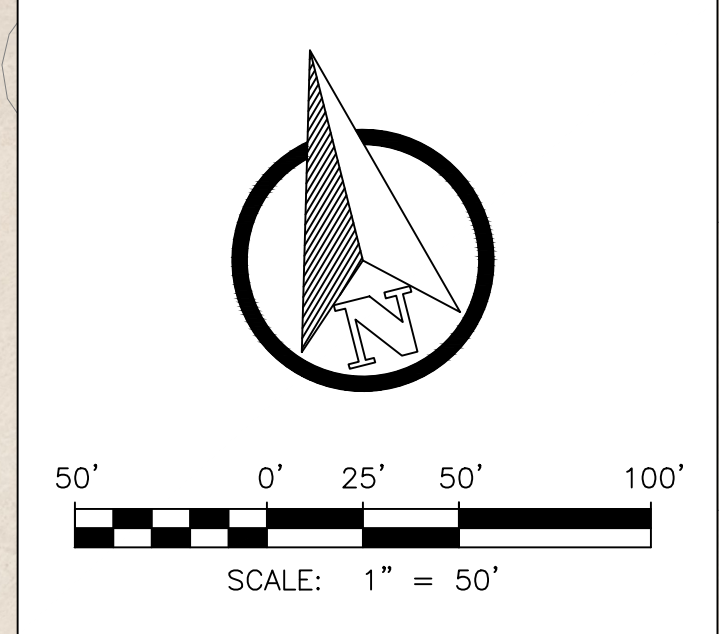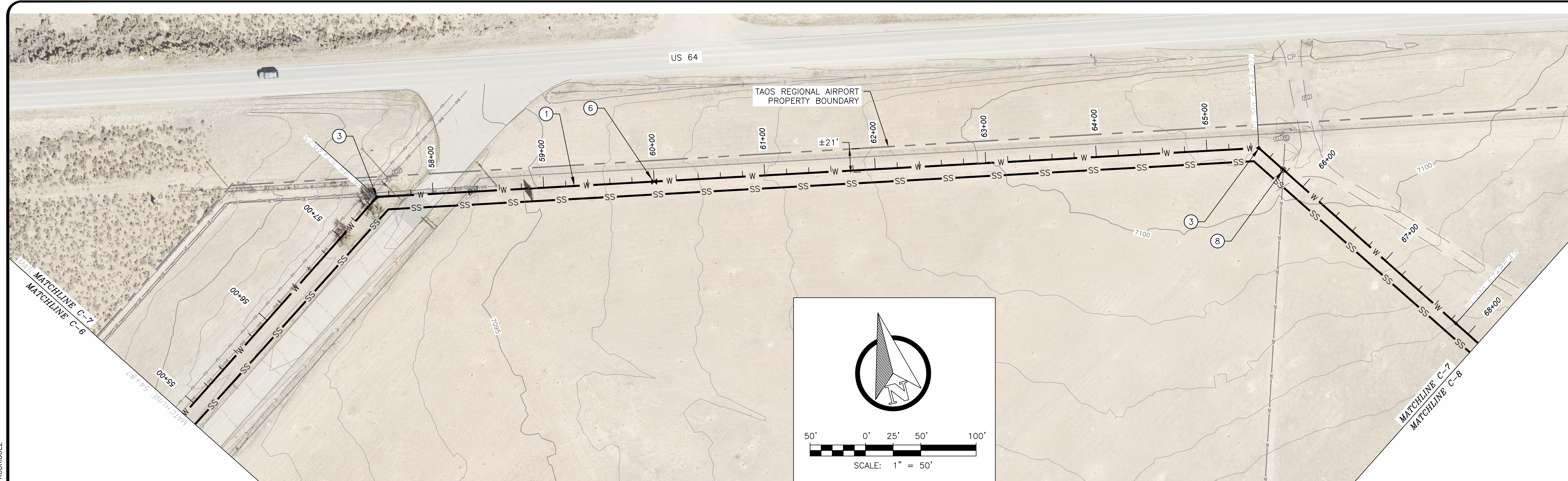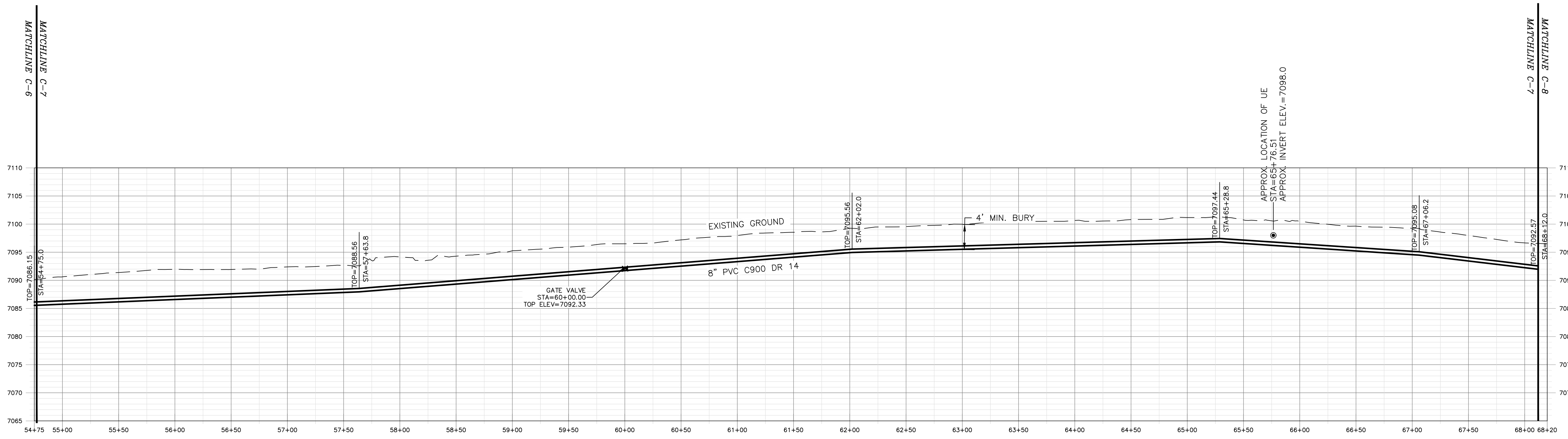
\\DATA1\BD\DATA5\PROJECTS\DB21.1270_TAOS_AIRPORT-ABEYTA_CONTRUCTION CAD\PRODUCTION ONSITE UTILITIES\C-7 - WATER P AND P 5.DWG July 1, 2025 - 2:14 PM BY: ISABEL RODRIGUEZ

GENERAL NOTES:

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14. 8" X 6" DR 18 TEE

8" SDR 14 WATERLINE TO FIRE TRAINING FACILITY

2" HDPE LPSS LINE

MATCHLINE C-8
MATCHLINE 68+12
MATCHLINE C-7
MATCHLINE C-9
MATCHLINE C-8

CONNECT TO TRANSMISSION LINE (TRANSMISSION LINE UNDER SEPARATE CONTRACT)

PLAN

SCALE: 1" = 50'
50' 0' 25' 50' 100'

PROFILE

MATCHLINE C-7
MATCHLINE C-8

UTILITY CROSSING
STA=71+24.39
APPROX. INVERT ELEV=7092.(

CONNECT 8" TEE
STA=68+12.58
TOP ELEV=7092.53

GATE VALVE
STA=68+21.70
TOP ELEV=7092.45

2" WASTE WATER LINE
STA=68+28.70
TOP ELEV=7090.00

L = 50.00'
RADIUS = 703'

PVC STA. 73+37.93
PVC ELEV. 7088.07

PVT STA. 73+87.93
ELEV STA. 7088.97

PVI ELEV. 7087.63
PVI STA. 73+62.93

EXISTING GROUND

4' MIN. BURY

GATE VALVE
STA=78+29.00
TOP ELEV=7085.15

8" PVC C900 DR 14

8" TEE
STA=78+34.00
TOP ELEV=7085.13

GATE VALE
STA=78+39.00
TOP ELEV=7085.12

EG 7096.58
EG 7096.48
EG 7095.86
EG 7095.52
EG 7095.26
EG 7094.76
EG 7094.50
EG 7093.88
EG 7093.65
EG 7093.36
EG 7092.67
EG 7092.46
EG 7093.20
EG 7092.41
EG 7091.62
EG 7090.65
EG 7090.50
EG 7090.22
EG 7089.98
EG 7089.81
EG 7089.86
EG 7089.72

68+12 68+50 69+00 69+50 70+00 70+50 71+00 71+50 72+00 72+50 73+00 73+50 74+00 74+50 75+00 75+50 76+00 76+50 77+00 77+50 78+00 78+44

PROFILE
HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

REV. NO.	DATE	DESCRIPTION	APPROVED BY
1	05/03/25	ISSUED FOR BID	GP
2	07/02/25	REVISED KEY NOTES	GP

DATE OF ISSUE: 07/02/2025
DESIGNED BY: ANT
DRAWN BY: RT, ANT
CHECKED BY: GP
APPROVED BY: GP

DBS&A
a Geo-Logic Company
6501 Americas Parkway NE Suite 200
Albuquerque, NM 87110

16038

TOWN OF TAOS
TAOS COUNTY, NEW MEXICO
EDA 08-79-05544

TAOS REGIONAL AIRPORT WATER AND WASTEWATER UTILITIES
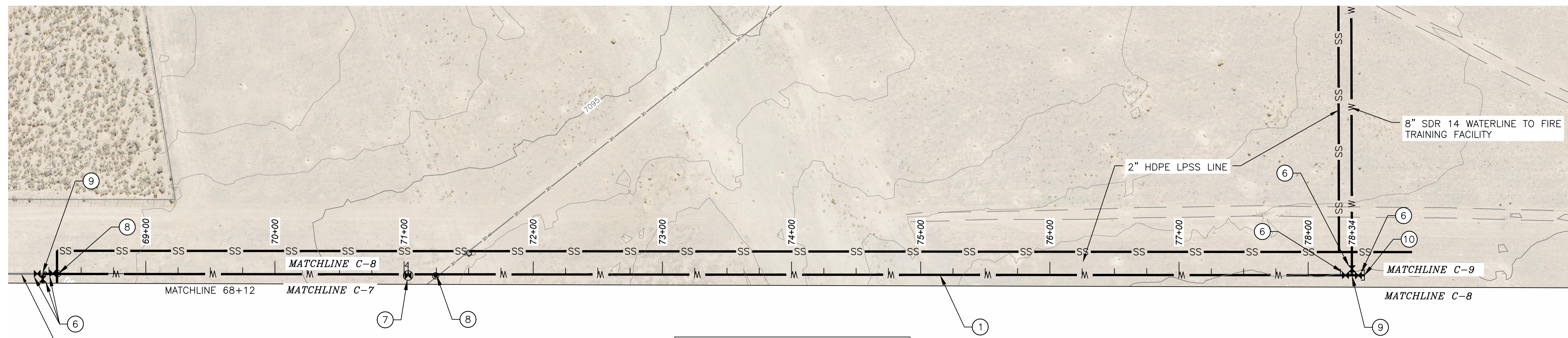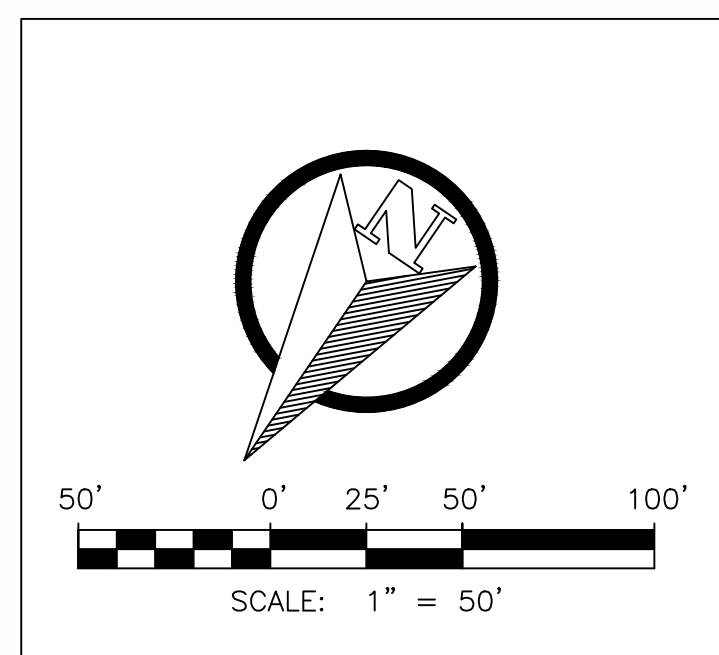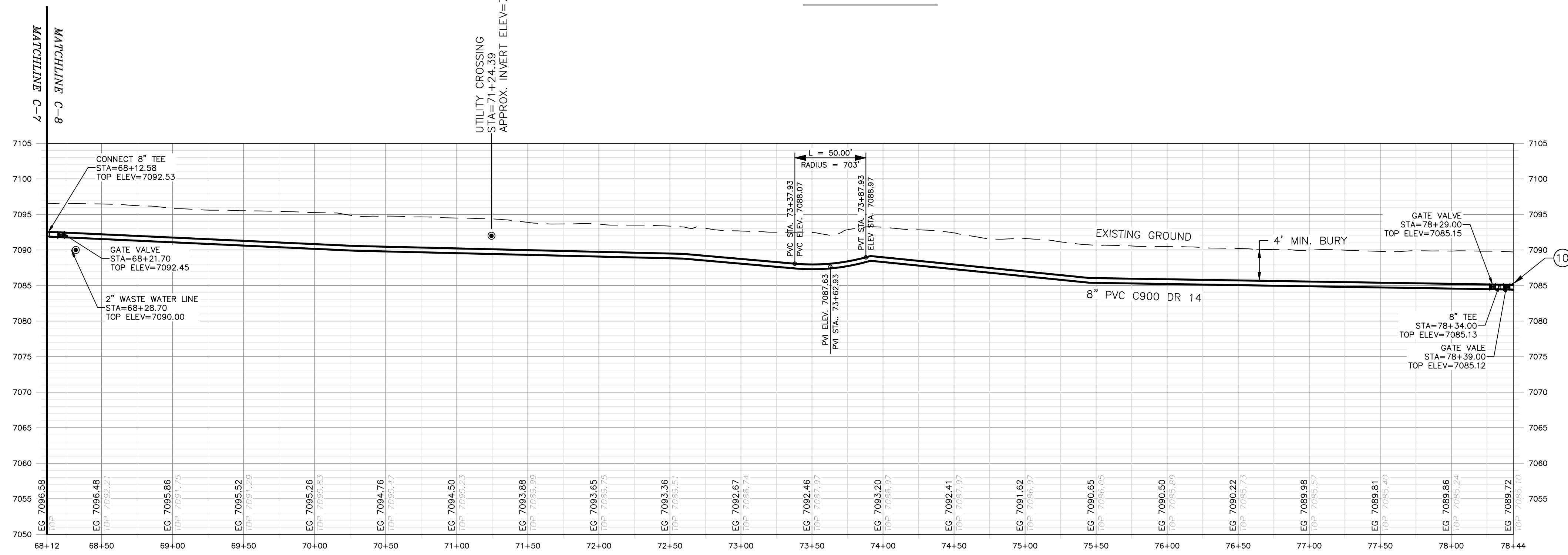TAOS COUNTY, NM

PLAN AND PROFILE 6 - WATER

SHEET 12 OF 34
DWG NO.   C-8
JOB NO. DB21.1270

PLAN

PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

SCALE: 1" = 50'

MATCHLINE C-8
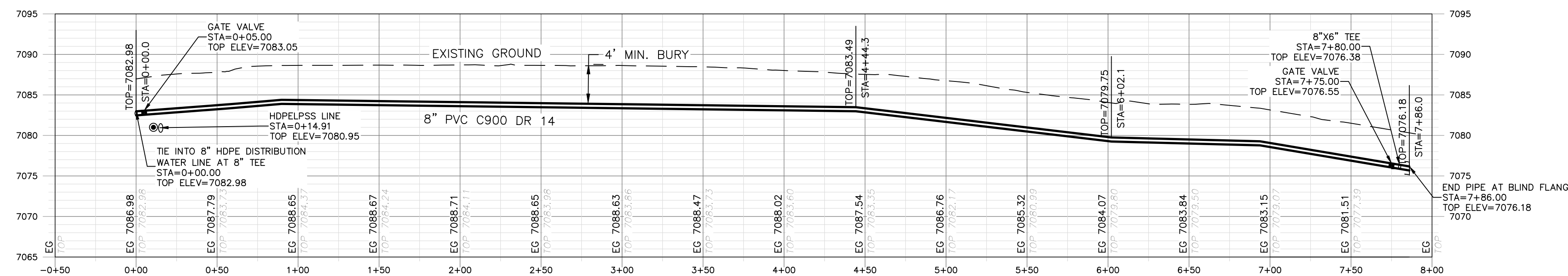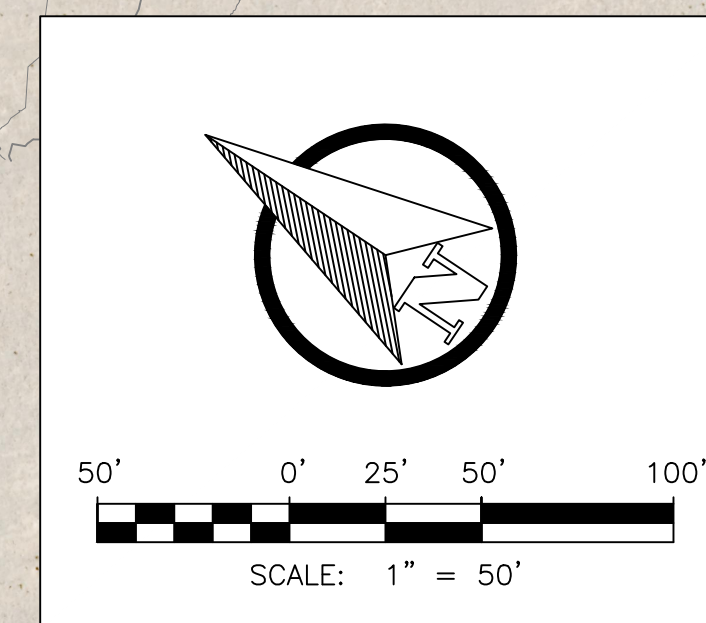
END PIPE BLIND FLANGE CAPPED FOR FUTURE CONNECTION

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13. 1" DR 18 HDPE WATER SERVICE LINE
14. 8" X 6" DR 18 TEE

GATE VALVE
STA=0+05.00
TOP ELEV=7083.05

EXISTING GROUND

4' MIN. BURY

8" PVC C900 DR 14

HDPELPSS LINE
STA=0+14.91
TOP ELEV=7080.95

TIE INTO 8" HDPE DISTRIBUTION WATER LINE AT 8" TEE
STA=0+00.00
TOP ELEV=7082.98

8"X6" TEE
STA=7+80.00
TOP ELEV=7076.38

GATE VALVE
STA=7+75.00
TOP ELEV=7076.55

END PIPE AT BLIND FLANGE
STA=7+86.00
TOP ELEV=7076.18

TOP=7082.98 STA=0+00.0
EG 7066.98
EG 7087.79
EG 7088.65
EG 7088.67
EG 7088.71
EG 7088.65
EG 7088.63
EG 7088.47
EG 7088.02
EG 7087.54 TOP=7083.49
EG 7086.76 TOP=7083.49 STA=4+44.3
EG 7085.32
EG 7084.07 TOP=7079.75 STA=6+02.1
EG 7083.84
EG 7083.15
EG 7081.51 TOP=7076.18 STA=7+86.0

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TOWN OF TAOS
TAOS COUNTY, NEW MEXICO
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TAOS REGIONAL AIRPORT WATER AND WASTEWATER UTILITIES
TAOS COUNTY, NM

PLAN AND PROFILE 7 - WATER

SHEET 13 OF 34
DWG NO. C-9
JOB NO. DB21.1270

16038