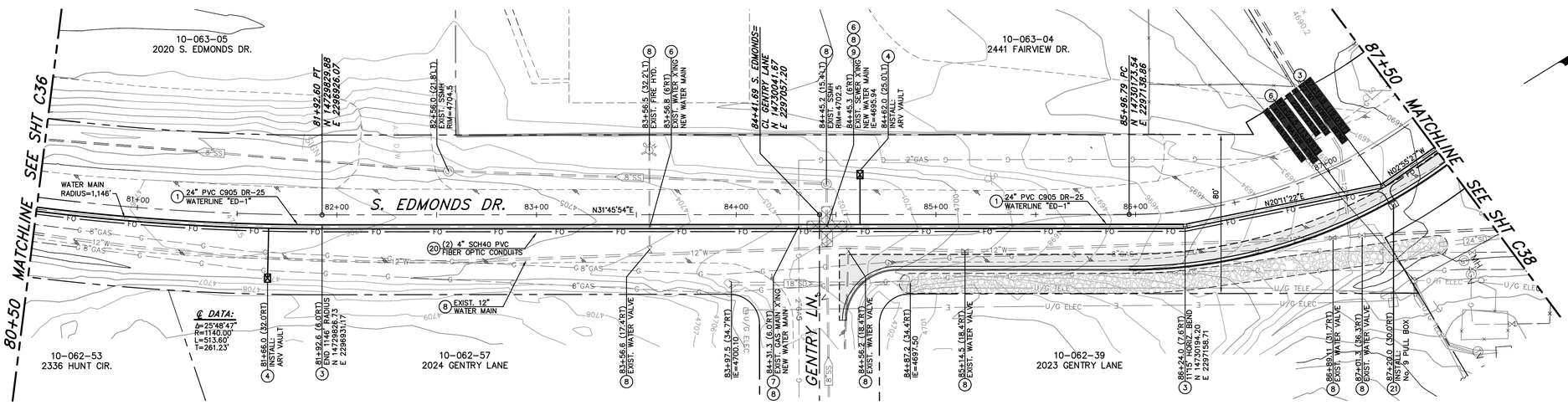


PLAN – S. EDMONDS DRIVE

SCALE: 1" = 30' HORIZ.

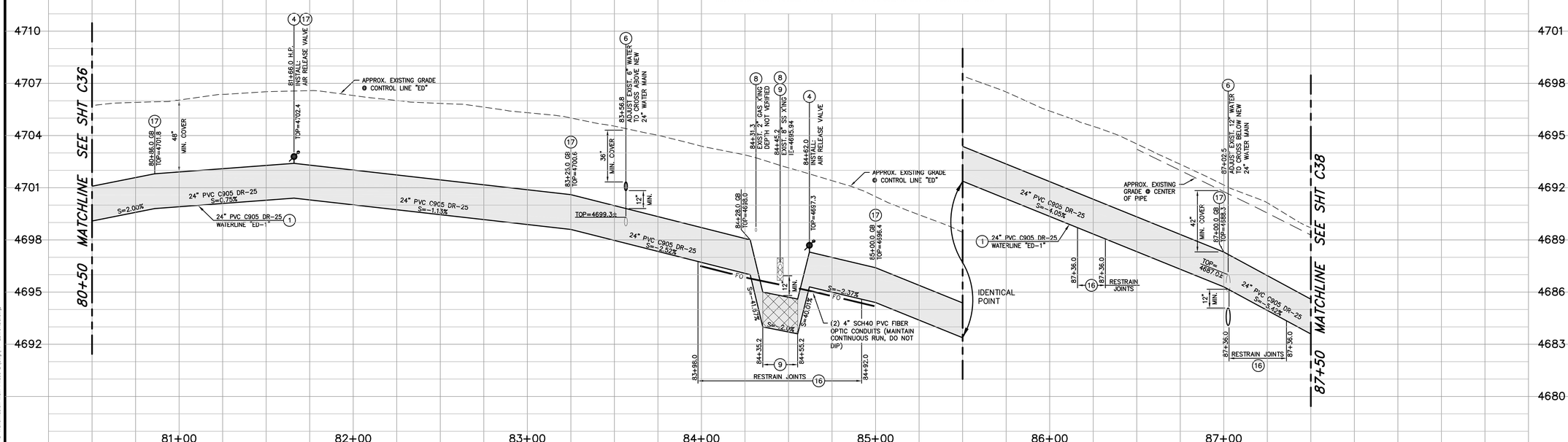
REFERENCE SHEETS C55 TO C58 FOR S. EDMONDS AND FAIRVIEW DR. ROADWAY IMPROVEMENTS

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.



PROFILE – S. EDMONDS DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-edmonds.dwg
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=1'
PLOT DATE:	3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

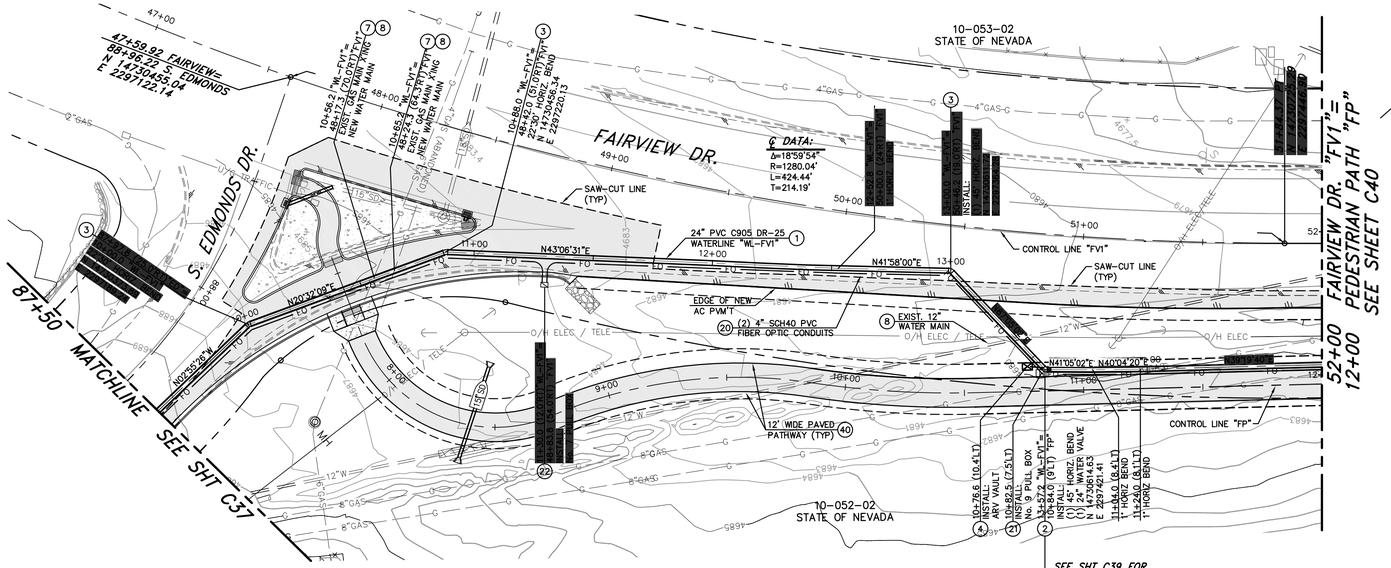
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SOUTH EDMONDS DRIVE
PLAN & PROFILE
STA 80+50 to STA 87+50

SHEET C37 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-EDMONDS.dwg



PLAN – WATERLINE "WL-FV1"

SCALE: 1" = 30' HORIZ.

REFERENCE SHEET C39 FOR PEDESTRIAN PATH DESIGN.

REFERENCE SHEETS C55 TO C58 FOR S. EDMONDS AND FAIRVIEW DR. ROADWAY IMPROVEMENTS

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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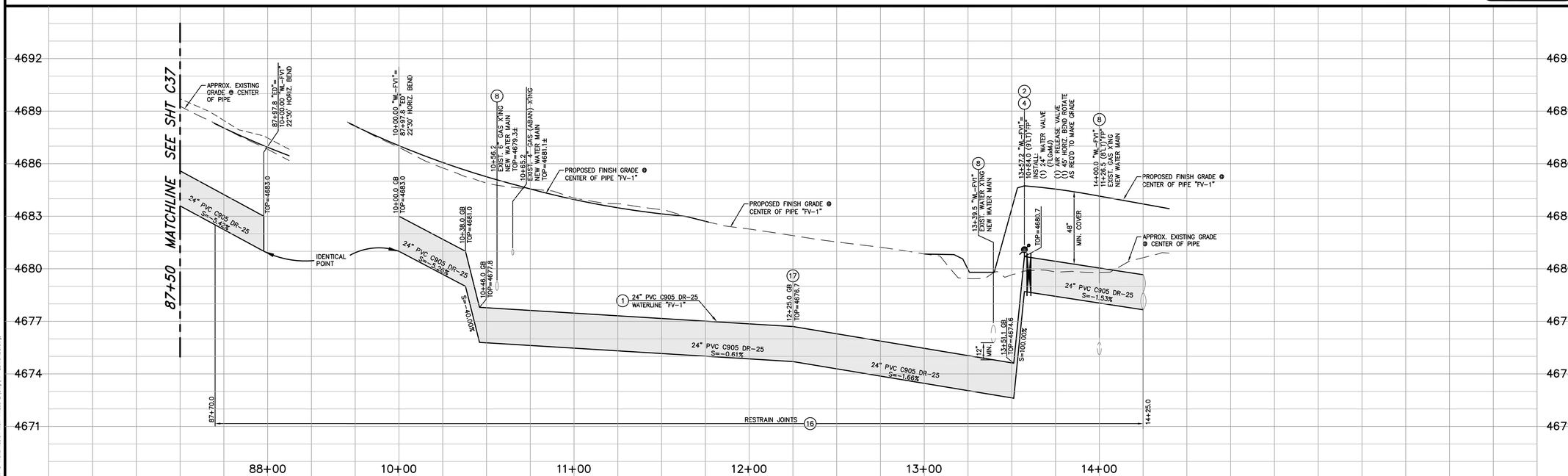
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600



PROFILE – WATERLINE "WL-FV1"

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-edmonds.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=1'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

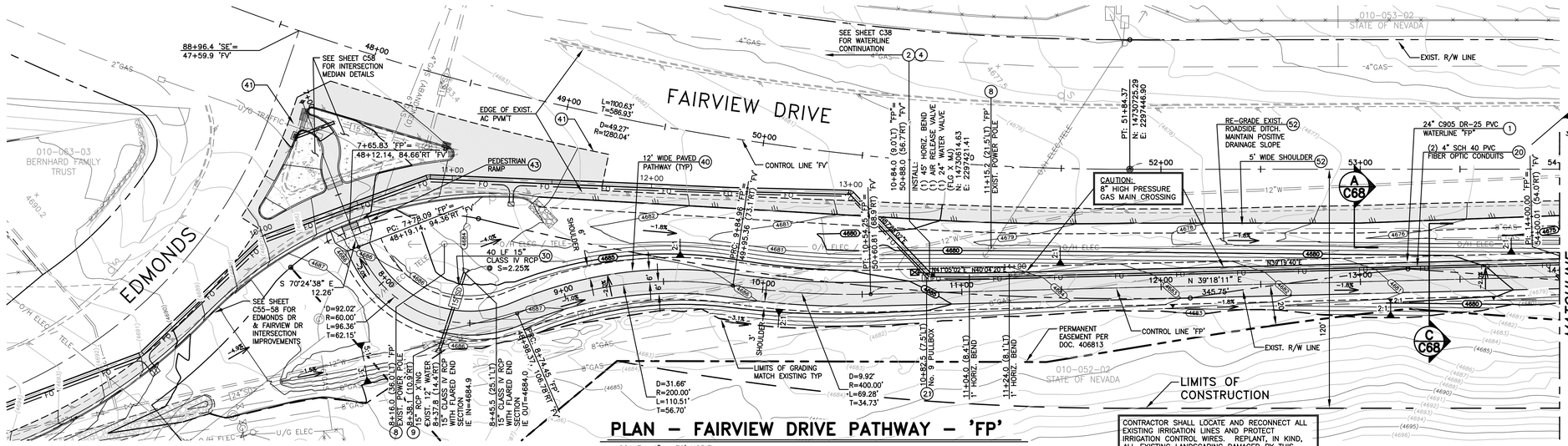
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SOUTH EDMONDS DRIVE
PLAN & PROFILE
STA 24+00 to STA 31+00

SHEET C38 OF 96

m:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-EDMONDS.dwg



PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

NOTES:

1. REFERENCE SHEETS C55 TO C58 FOR S. EDMONDS AND FAIRVIEW DRIVE ROADWAY IMPROVEMENTS
2. REFERENCE SHEET C47 FOR STORM DRAIN PLAN AND PROFILE.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.
41. SAWCUT, REMOVE AND REPLACE EXISTING ASPHALT PER STD DRAWING C-5.1.6.
43. CONSTRUCT PERPENDICULAR CURB RAMP DIRECTIONAL PER STD. DRAWING C-5.3.2.
52. RE-GRADE EXISTING ROADWAY SHOULDER PER TYPICAL SECTION A, SHEET C68. PROVIDE FILL MATERIAL WHERE REQUIRED.

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Avoid cutting underground utility lines. It's costly.
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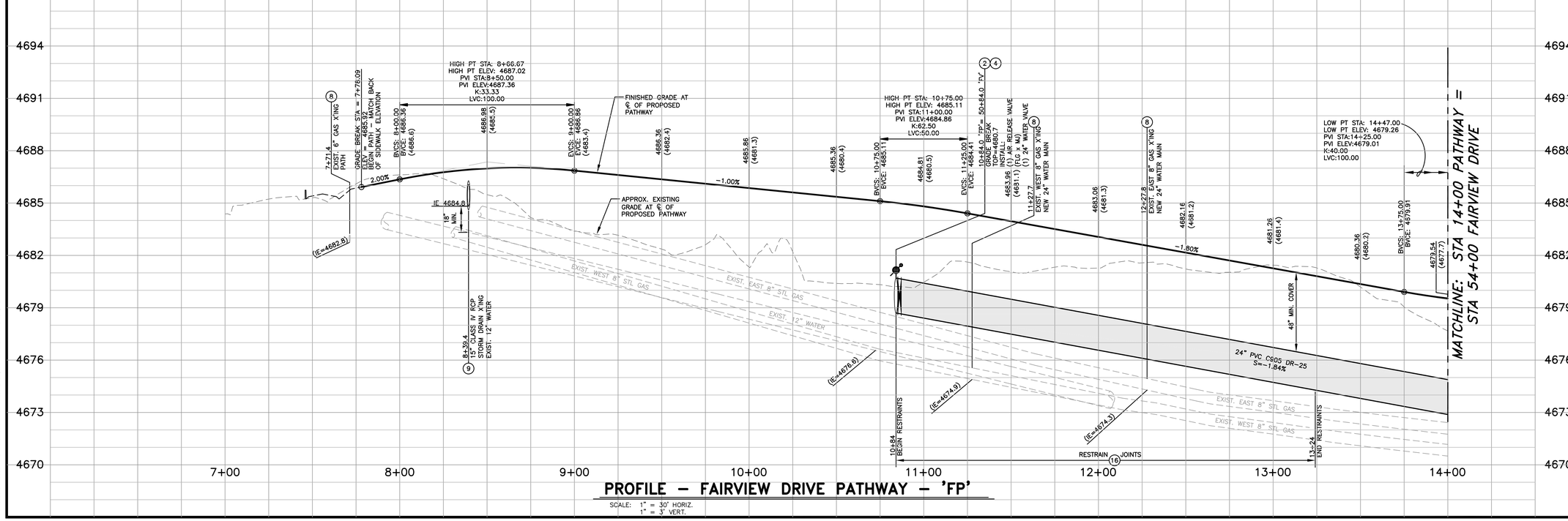


PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: gis-fairview p7-54.dwg
SCALE (HORIZ): 1" = 30'
SCALE (VERT): 1" = 3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

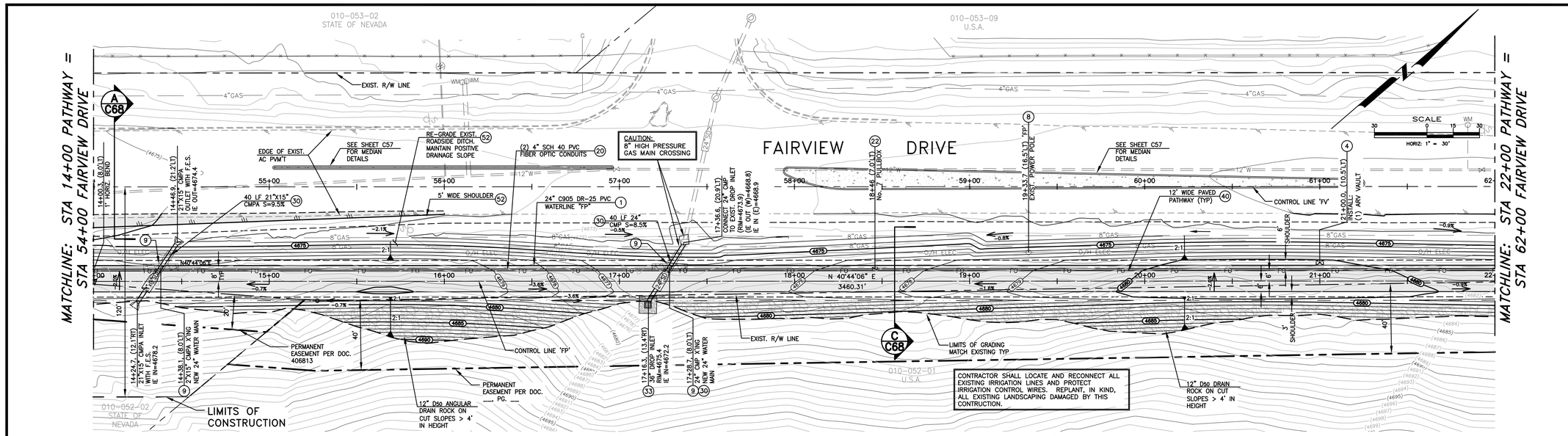
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 7+00 to STA 14+00

SHEET C39 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\VP-FAIRVIEW P7-54.dwg, 3/1/11



CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
33. INSTALL CATCH BASIN TYPE 4-R PER STD. DWG C-4.1.5
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.
52. RE-GRADE EXISTING ROADWAY SHOULDER PER TYPICAL SECTION A, SHEET C68. PROVIDE FILL MATERIAL WHERE REQUIRED.

PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.

NOTES:

1. *REFERENCE SHEETS C55 TO C58 FOR S. EDMONDS AND FAIRVIEW DRIVE ROADWAY IMPROVEMENTS*
2. *REFERENCE SHEET C48 FOR STORM DRAIN PLAN AND PROFILE.*

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

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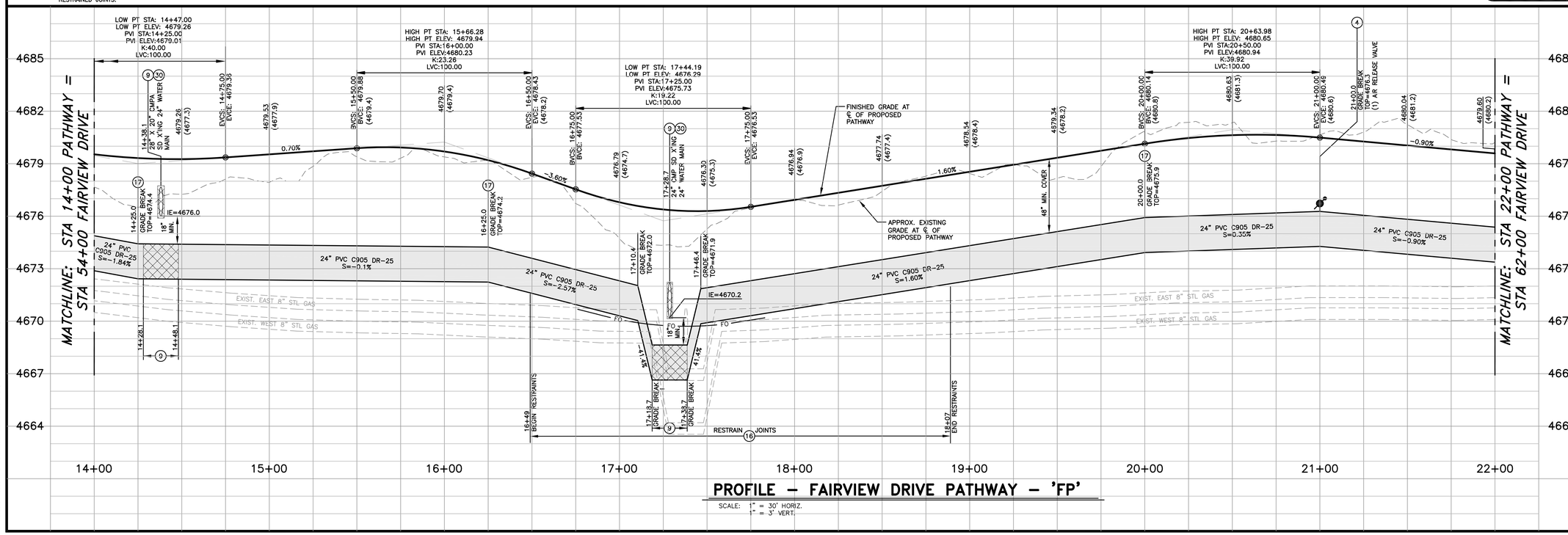


PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR/DLO
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	gp-fairview p7-54.dwg
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

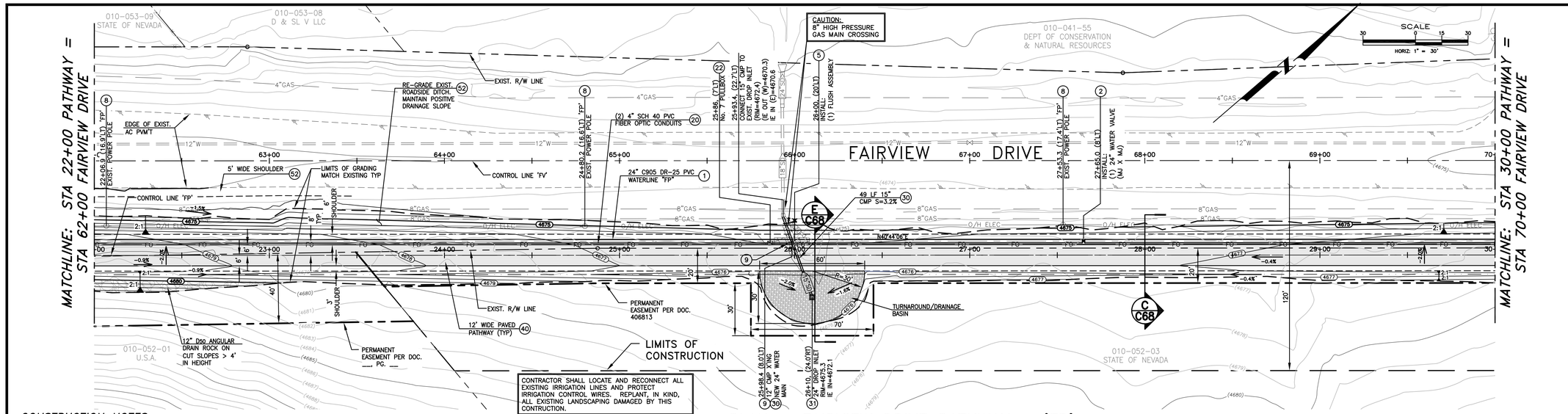
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 14+00 to STA 22+00

SHEET C40 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\FP-FAIRVIEW P7-54.dwg, 3/1/11



CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
5. INSTALL FLUSH ASSEMBLY PER DETAIL 3, SHEET C63.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
31. INSTALL 24"x24" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 4, SHEET C65.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.
52. RE-GRADE EXISTING ROADWAY SHOULDER PER TYPICAL SECTION A, SHEET C68. PROVIDE FILL MATERIAL WHERE REQUIRED.

PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.

NOTE:
1. REFERENCE SHEET C48 FOR STORM DRAIN PLAN AND PROFILE.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

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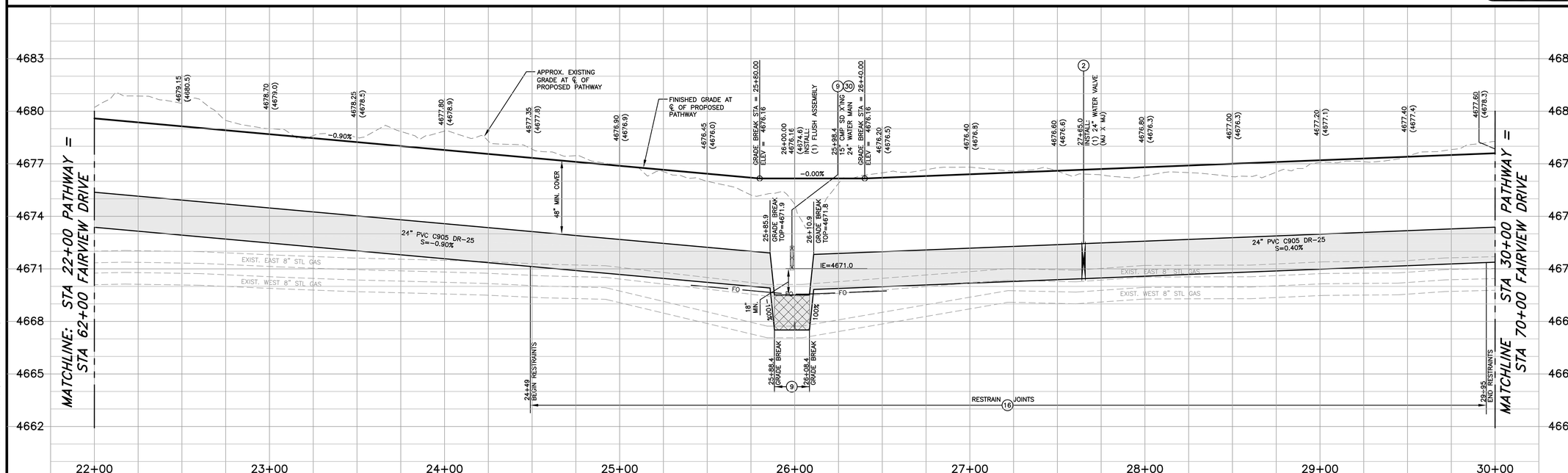


PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: gp-fairview p7-54.dwg
SCALE (HORIZ): 1" = 30'
SCALE (VERT): 1" = 3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

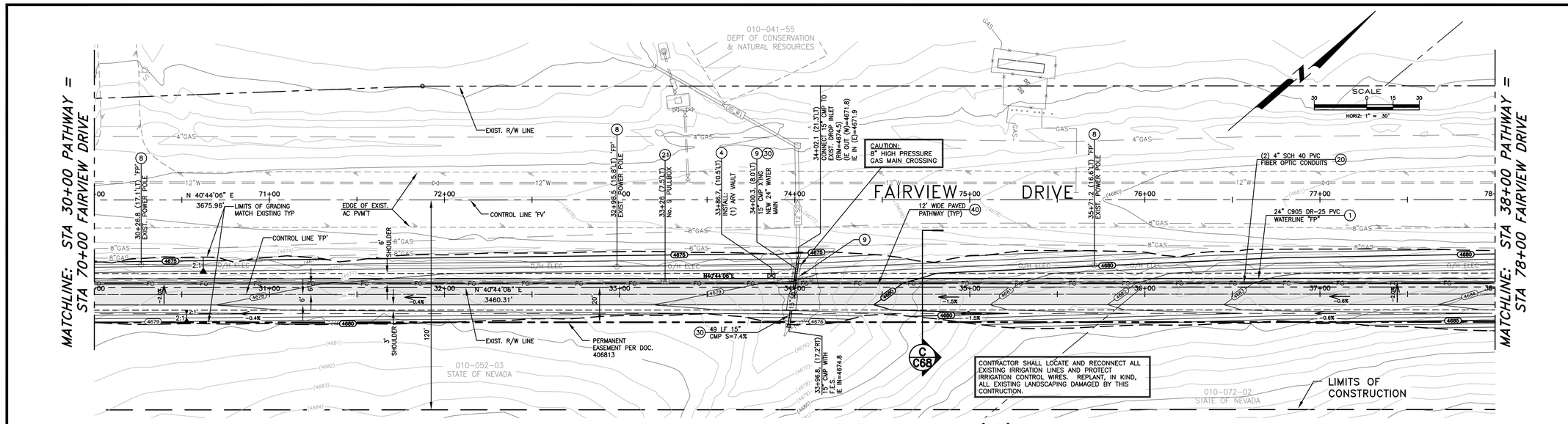
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 22+00 to STA 30+00

SHEET C41 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-FAIRVIEW P7-54.dwg, 3/1/11



PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.

NOTE:

1. *REFERENCE SHEET C48 FOR STORM DRAIN PLAN AND PROFILE.*

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

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OR
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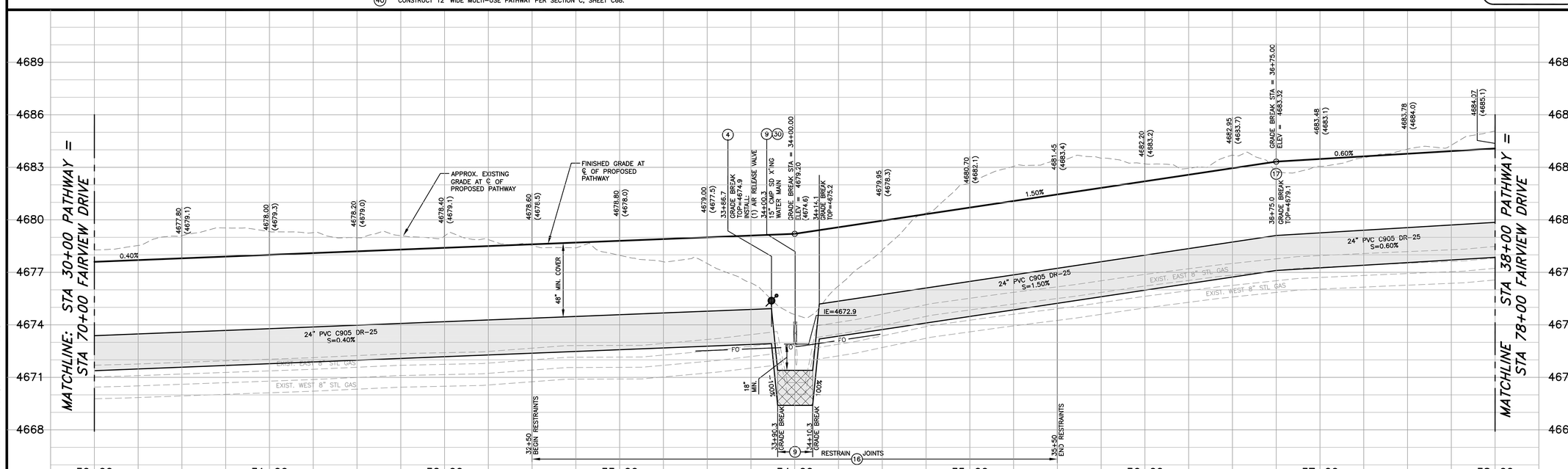


PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR/DLO
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	gp-fairview p7-54.dwg
SCALE (HORIZ):	1" = 30'
SCALE (VERT):	1" = 3'
PLOT DATE:	3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

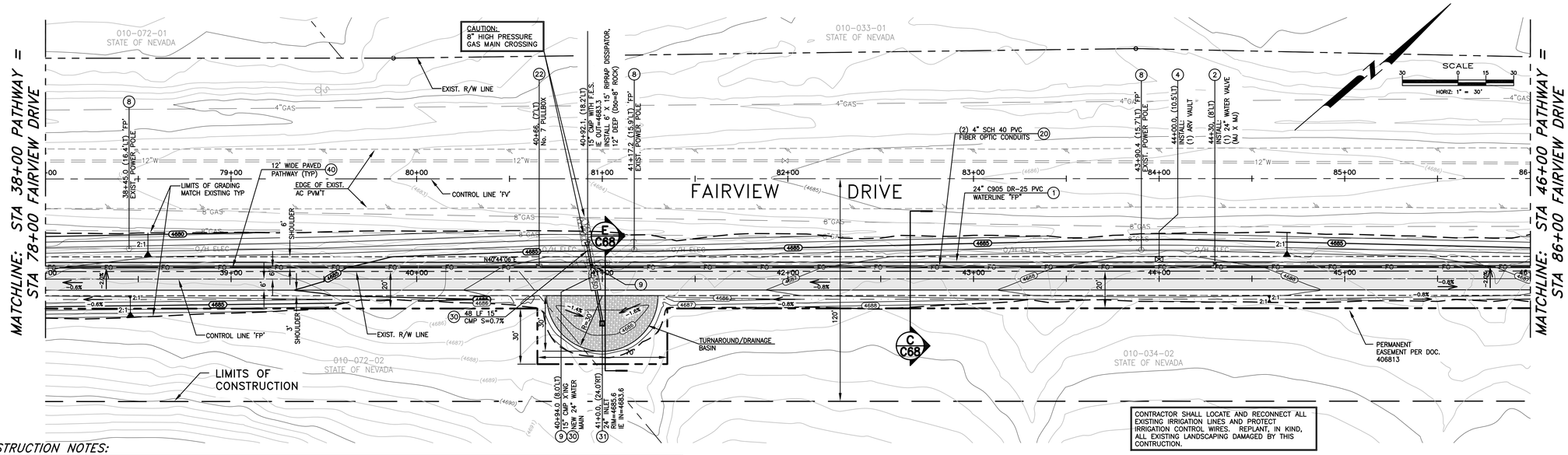
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 30+00 to STA 38+00

SHEET C42 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\VP-FAIRVIEW P7-54.dwg, 3/1/11



CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
31. INSTALL 24"x24" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 4, SHEET C65.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.

PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

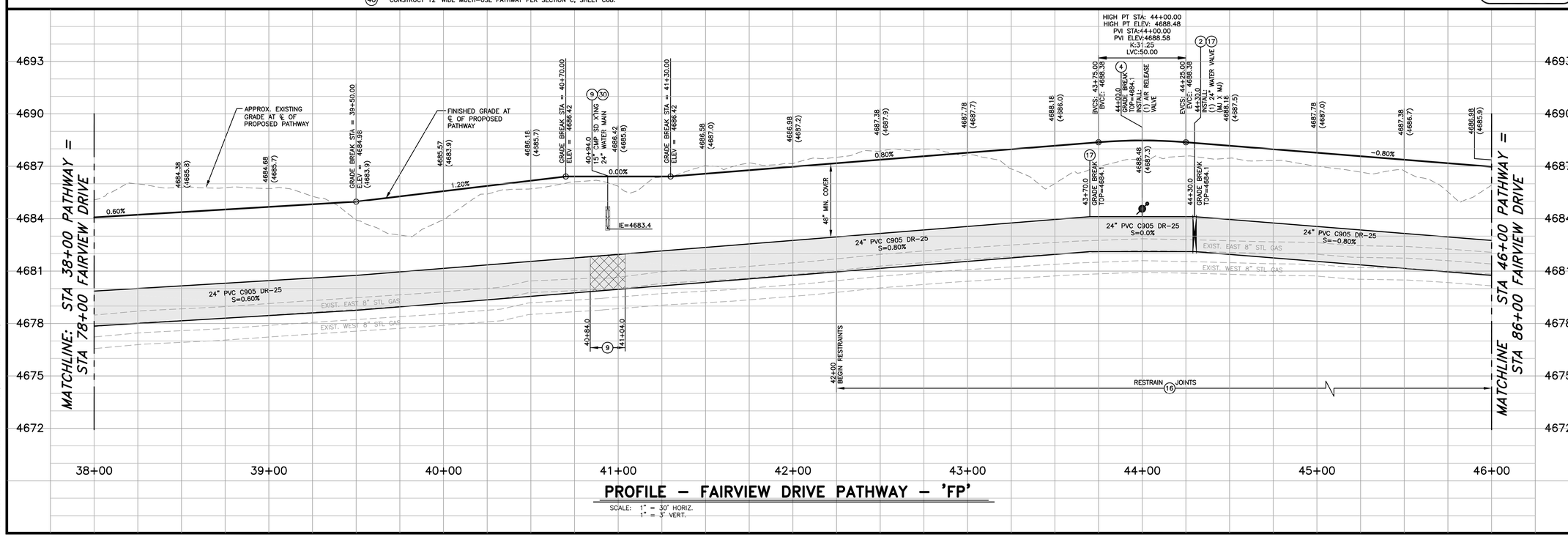
SCALE: 1" = 30' HORIZ.

NOTE:
1. REFERENCE SHEET C49 FOR STORM DRAIN PLAN AND PROFILE.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600



PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: gp-fairview p7-54.dwg
SCALE (HORIZ): 1" = 30'
SCALE (VERT): 1" = 3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

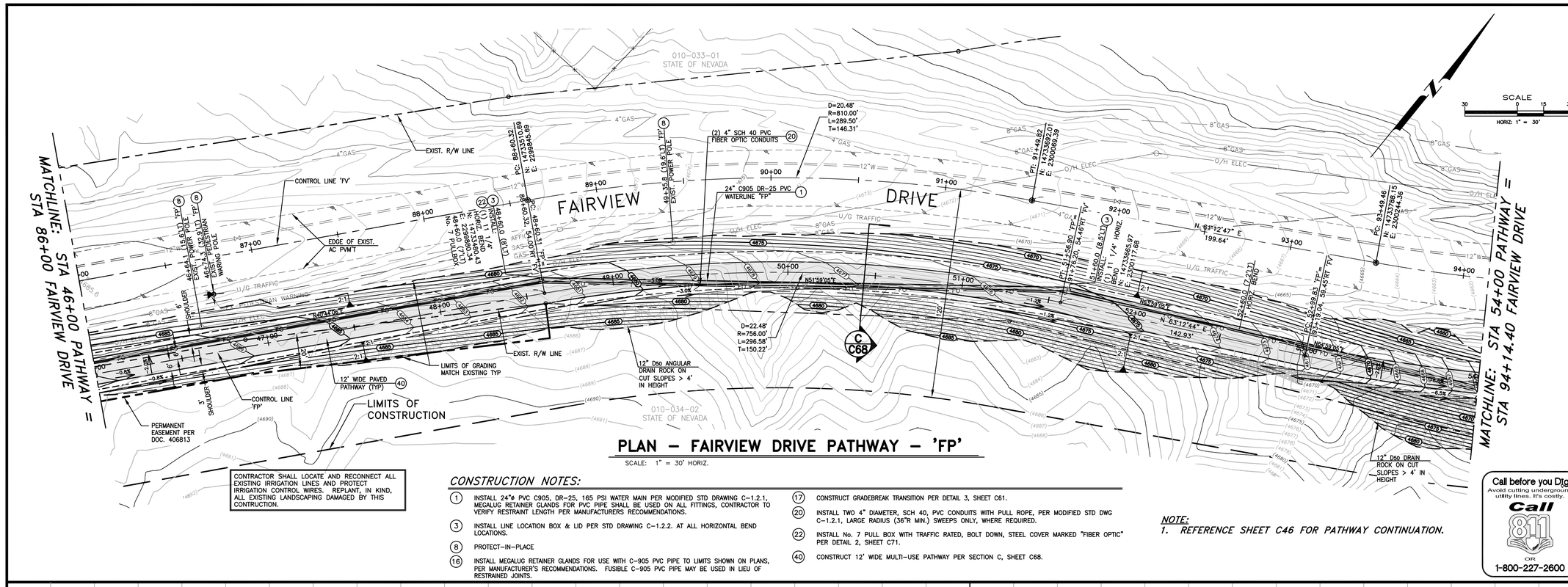
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 38+00 to STA 46+00

SHEET C43 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-FAIRVIEW P7-54.dwg, 3/1/11



PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.

CONTRACTOR SHALL LOCATE AND RECONNECT ALL EXISTING IRRIGATION LINES AND PROTECT IRRIGATION CONTROL WIRES. REPLANT, IN KIND, ALL EXISTING LANDSCAPING DAMAGED BY THIS CONTRUCTION.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
8. PROTECT-IN-PLACE
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.

NOTE:

1. REFERENCE SHEET C46 FOR PATHWAY CONTINUATION.

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Avoid cutting underground utility lines. It's costly.
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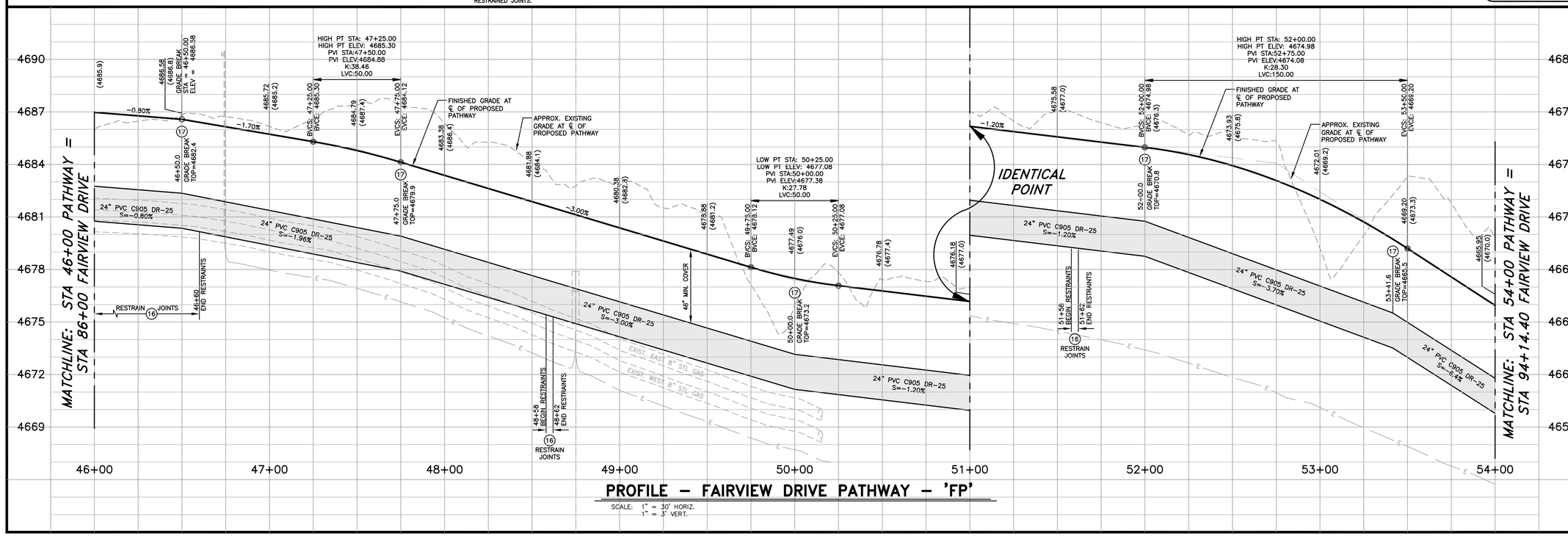

PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

CARSON CITY
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3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

DESIGNED BY:	DGR/DLO
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	gg-fairview p7-54.dwg
SCALE (HORIZ):	1" = 30'
SCALE (VERT):	1" = 3'
PLOT DATE:	3/1/11

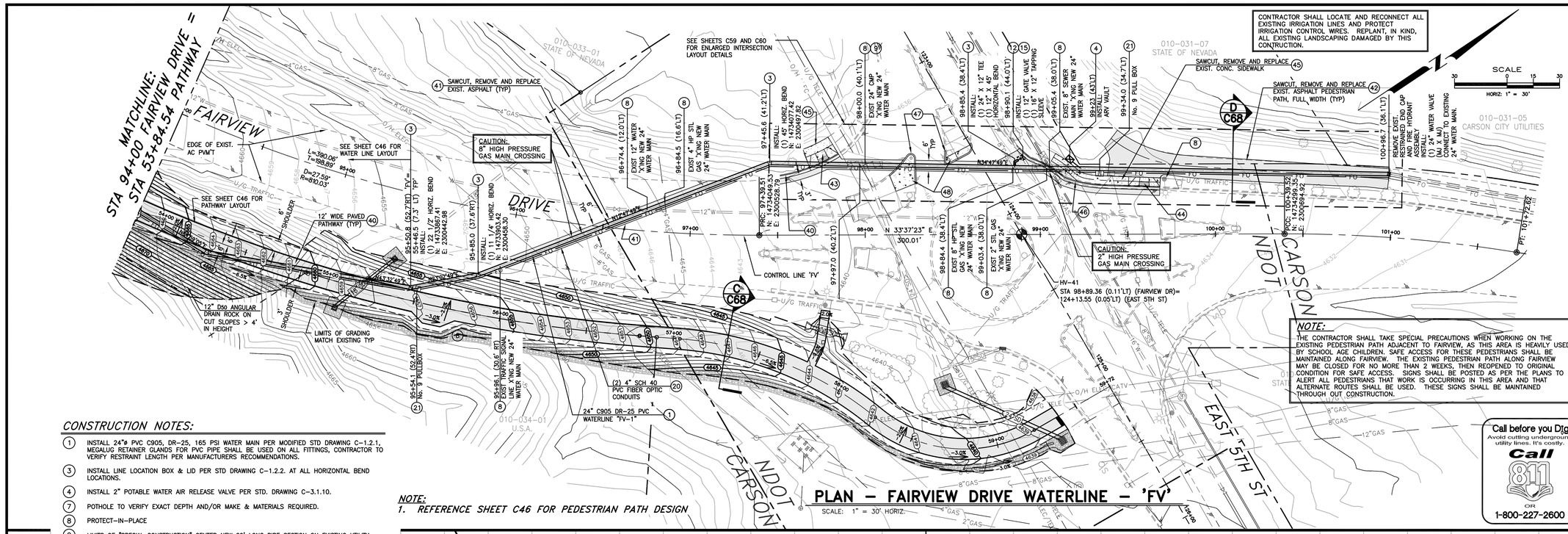
REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800

FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 46+00 to STA 54+00

SHEET C44 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-FAIRVIEW P7-54.dwg, 3/1/11



NOTE:
THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS WHEN WORKING ON THE EXISTING PEDESTRIAN PATH ADJACENT TO FAIRVIEW, AS THIS AREA IS HEAVILY USED BY SCHOOL AGE CHILDREN. SAFE ACCESS FOR THESE PEDESTRIANS SHALL BE MAINTAINED ALONG FAIRVIEW. THE EXISTING PEDESTRIAN PATH ALONG FAIRVIEW MAY BE CLOSED FOR NO MORE THAN 2 WEEKS, THEN REOPENED TO ORIGINAL CONDITION FOR SAFE ACCESS. SIGNS SHALL BE POSTED AS PER THE PLANS TO ALERT ALL PEDESTRIANS THAT WORK IS OCCURRING IN THIS AREA AND THAT ALTERNATE ROUTES SHALL BE USED. THESE SIGNS SHALL BE MAINTAINED THROUGH OUT CONSTRUCTION.

NOTE:
1. REFERENCE SHEET C46 FOR PEDESTRIAN PATH DESIGN

PLAN – FAIRVIEW DRIVE WATERLINE – 'FV'

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
12. INSTALL TAPPING SLEEVE PER STD. DRAWINGS C-3.1.1 & C-3.1.3 (SIZE PER PLAN)
15. INSTALL WATER VALVE PER STD. DRAWING C-3.1.4.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.
41. SAWCUT, REMOVE AND REPLACE EXISTING ASPHALT PER STD DRAWING C-5.1.6.
42. SAWCUT, REMOVE AND REPLACE EXISTING ASPHALT PEDESTRIAN PATH PER SECTION D, SHEET C68.
43. CONSTRUCT PERPENDICULAR CURB RAMP DIRECTIONAL PER STD. DRAWING C-5.3.2.
44. REMOVE AND REPLACE EXISTING PEDESTRIAN RAMP PER STD DRAWINGS C-5.3.1 AND C5.3.2.
45. REMOVE AND REPLACE EXISTING P.C.C. SIDEWALK PER STD DRAWINGS C-5.1.1, C-5.2.1 AND C-5.2.2.
46. REMOVE AND REPLACE EXISTING P.C.C. CURB AND GUTTER PER STD DRAWING C-5.1.3.
47. REMOVE AND REPLACE EXISTING TYPE 2 P.C.C. MEDIAN CURB PER STD. DRAWING C-5.1.5.1.
48. REMOVE AND REPLACE EXISTING P.C.C. MEDIAN ISLAND TO EXISTING EXPANSION JOINT PER SECTION A, SHEET C70.

PROFILE – FAIRVIEW DRIVE WATERLINE – 'FV'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO. cp-fairview p54-60 w94-102.dwg
SCALE (HORIZ): 1" = 30'
SCALE (VERT): 1" = 3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

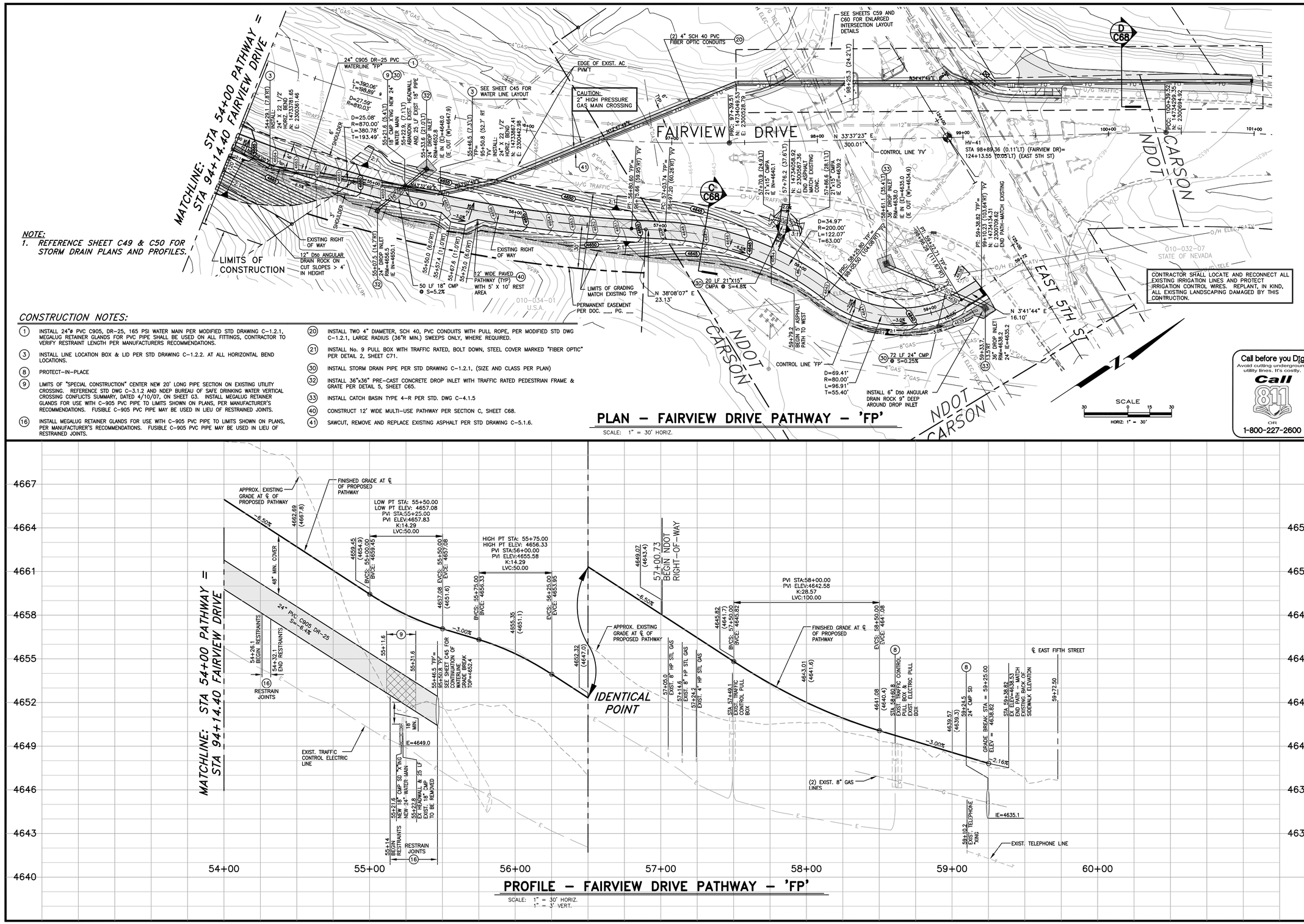
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE
PLAN & PROFILE
STA 94+00 to STA 102+00

SHEET C45 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-FAIRVIEW P54-60 W94-102.dwg, 3/1/11



NOTE:
1. REFERENCE SHEET C49 & C50 FOR STORM DRAIN PLANS AND PROFILES.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURER'S RECOMMENDATIONS.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.
33. INSTALL CATCH BASIN TYPE 4-R PER STD. DWG C-4.1.5
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.
41. SAWCUT, REMOVE AND REPLACE EXISTING ASPHALT PER STD DRAWING C-5.1.6.

PLAN – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.

PROFILE – FAIRVIEW DRIVE PATHWAY – 'FP'

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO. pp-fairview p54-60 W94-102.dwg
SCALE (HORIZ): 1" = 30'
SCALE (VERT): 1" = 3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
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PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
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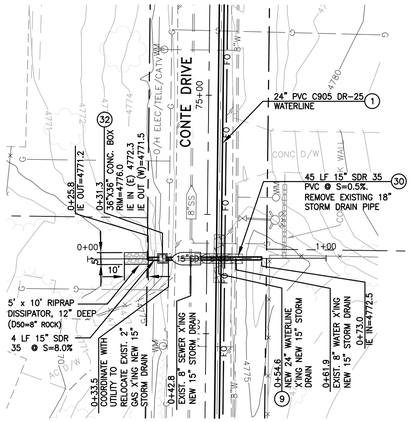
REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATHWAY
PLAN & PROFILE
STA 54+00 to STA 60+00

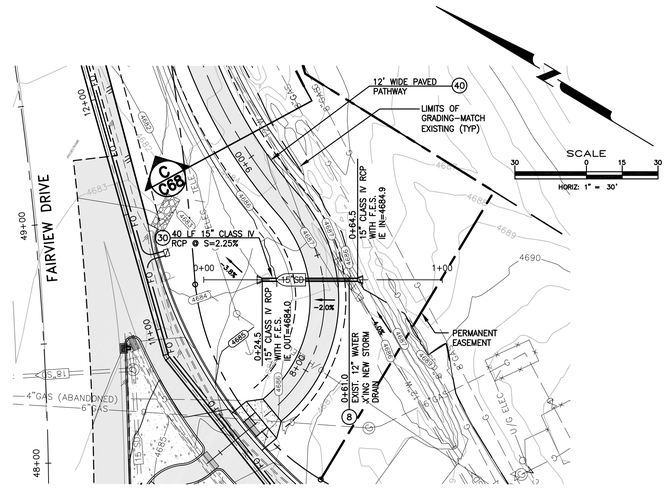
SHEET C46 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-FAIRVIEW P54-60 W94-102.dwg, 3/1/11



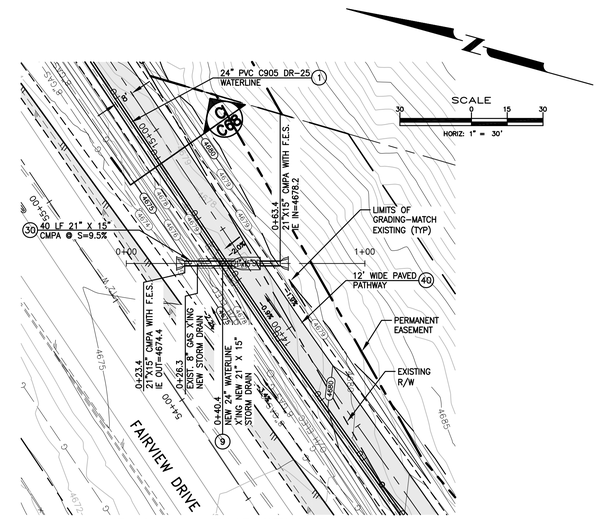
PLAN – CONTE DRIVE
STA 74+31.48

SCALE: 1" = 30' HORIZ.



PLAN – FAIRVIEW PATH
STA 8+39.40

SCALE: 1" = 30' HORIZ.



PLAN – FAIRVIEW PATH
STA 14+32.73

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.

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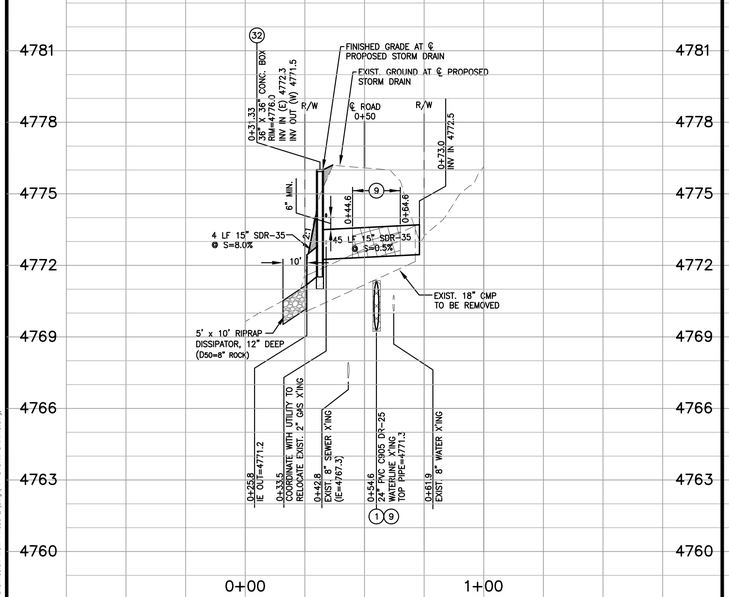
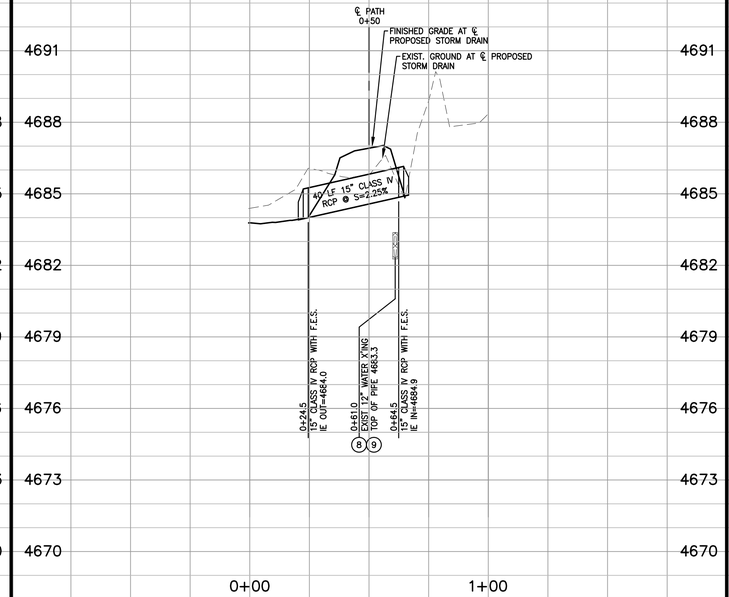


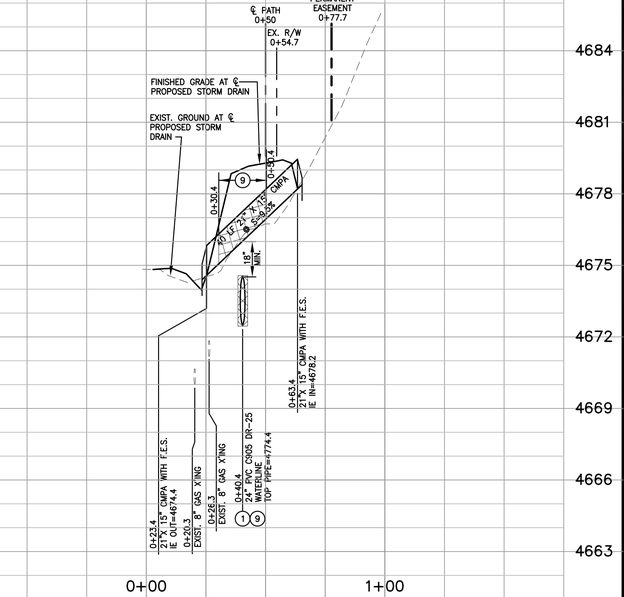
PROFILE – CONTE DRIVE
STA 74+31.48

SCALE: 1" = 30' HORIZ. 1" = 3' VERT.



PROFILE – FAIRVIEW DR PATH
STA 8+39.40

SCALE: 1" = 30' HORIZ. 1" = 3' VERT.



PROFILE – FAIRVIEW DR PATH
STA 14+32.73

SCALE: 1" = 30' HORIZ. 1" = 3' VERT.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-STORM DRAINS.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

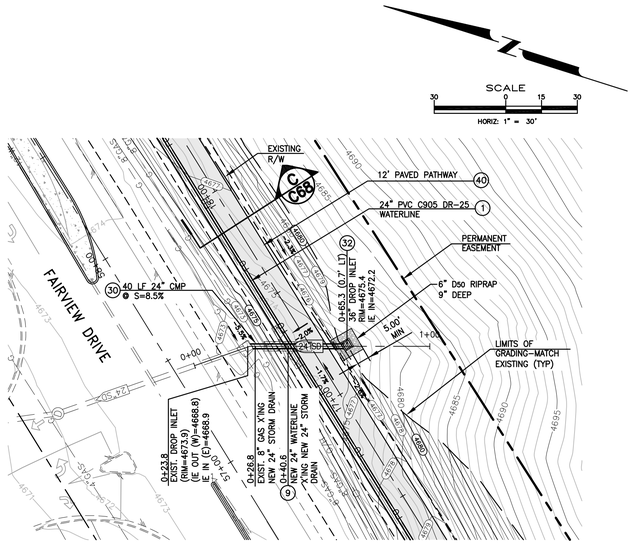
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DR & FAIRVIEW DR PATH
STORM DRAIN PLAN & PROFILES

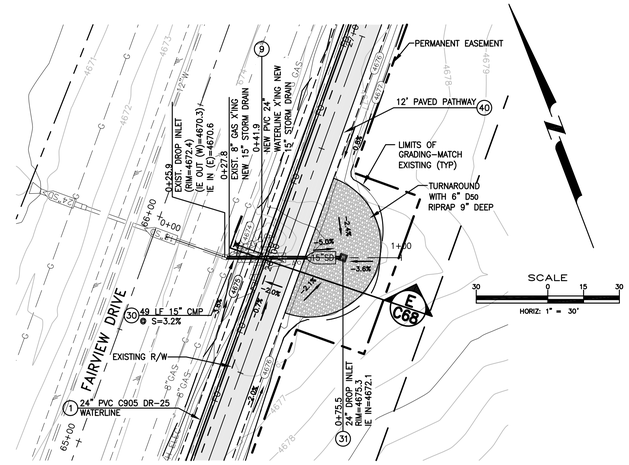
SHEET C47 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-STORM DRAINS.dwg



PLAN – FAIRVIEW PATH
STA 17+23.72

SCALE: 1" = 30' HORIZ.



PLAN – FAIRVIEW PATH
STA 26+01.32

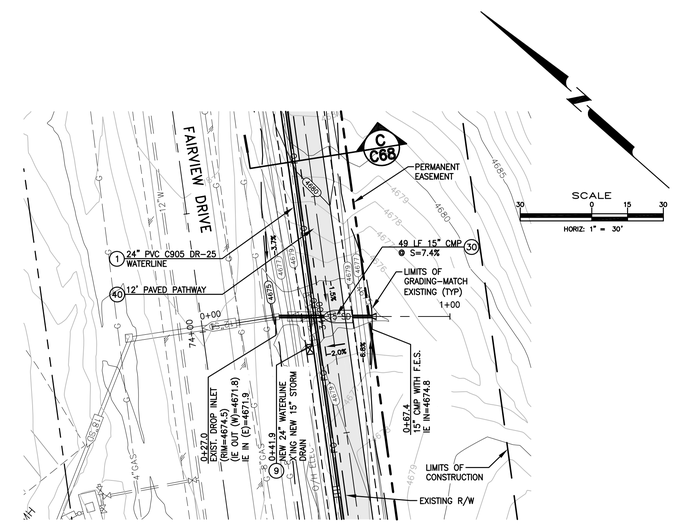
SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
31. INSTALL 24"x24" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 4, SHEET C65.
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.

LEGEND:

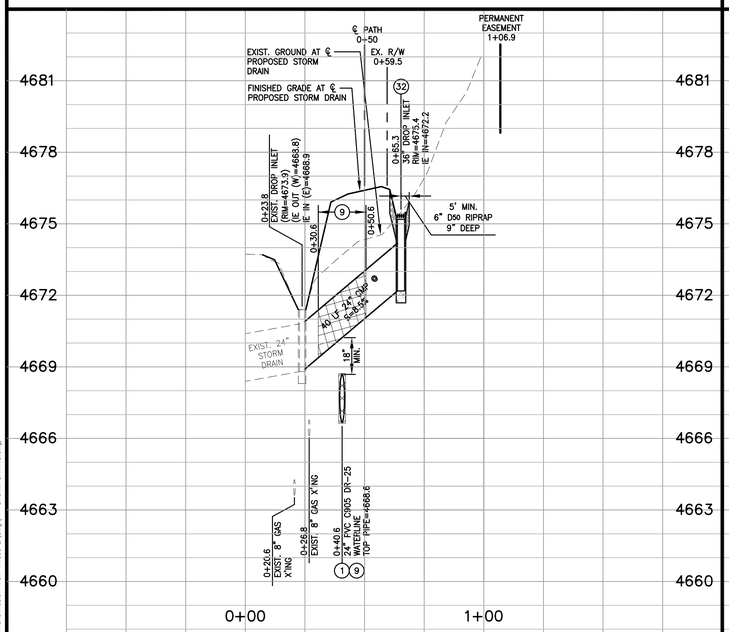
AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY



PLAN – FAIRVIEW PATH
STA 33+99.16

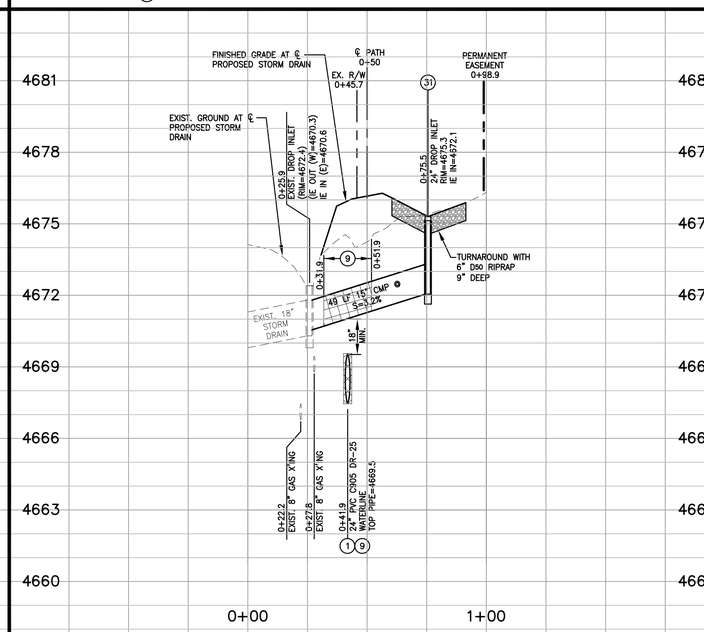
SCALE: 1" = 30' HORIZ.

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600



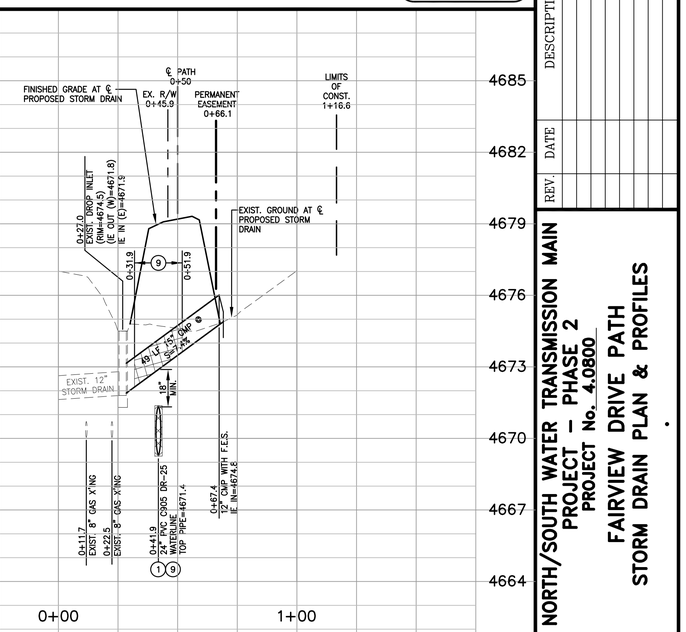
PROFILE – FAIRVIEW DR PATH
STA 17+23.72

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.



PROFILE – FAIRVIEW DR PATH
STA 26+01.32

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.



PROFILE – FAIRVIEW DR PATH
STA 33+99.16

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.:PP-STORM DRAINS.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

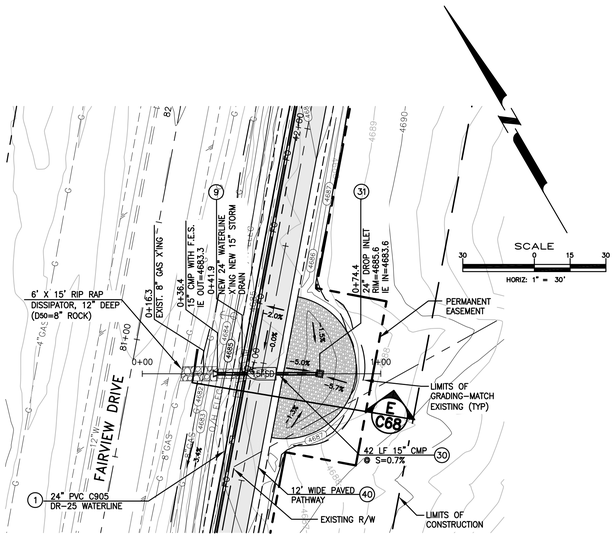
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATH
STORM DRAIN PLAN & PROFILES

SHEET C48 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-STORM DRAINS.dwg

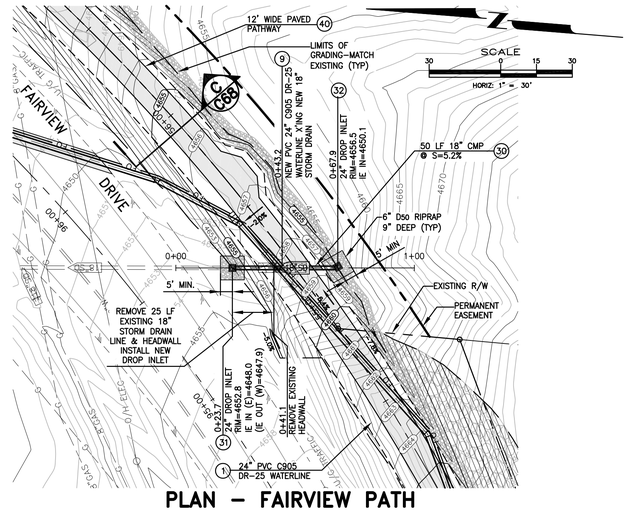


PLAN – FAIRVIEW PATH
STA 40+95.50

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

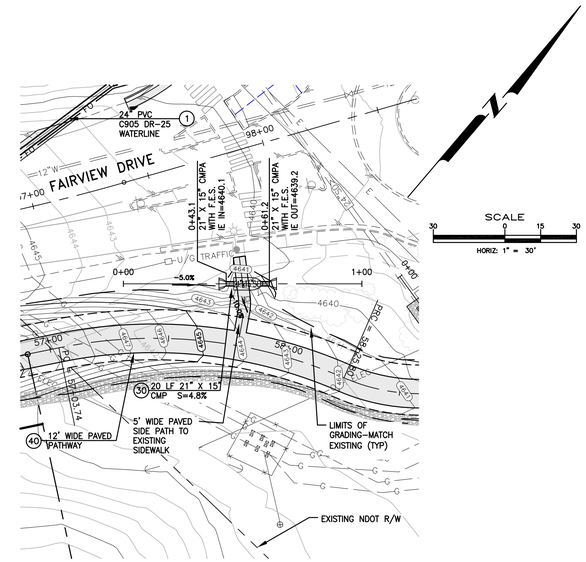


PLAN – FAIRVIEW PATH
STA 55+17.54

SCALE: 1" = 30' HORIZ.

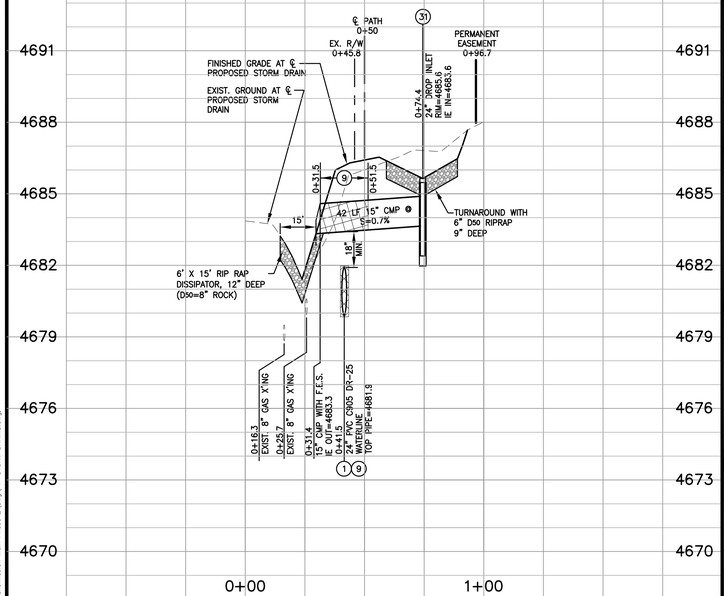
CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
31. INSTALL 24"x24" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 4, SHEET C65.
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.
40. CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.



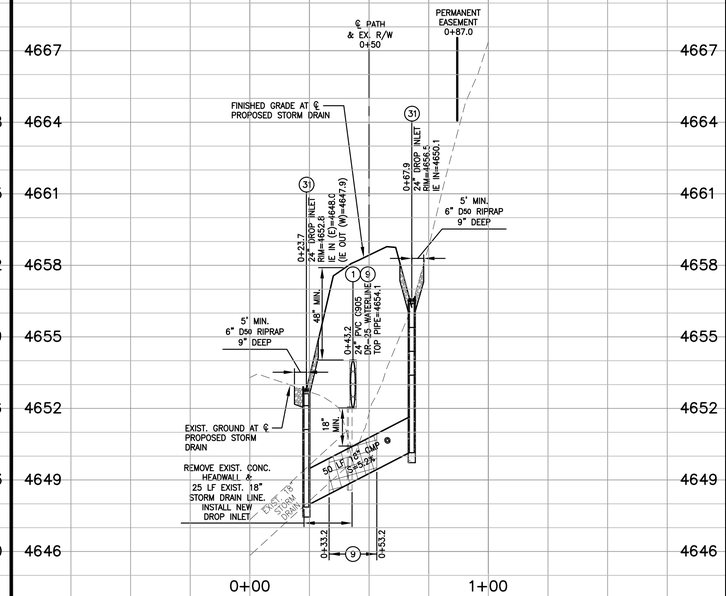
PLAN – FAIRVIEW SIDE PATH
AT STA 57+79.19

SCALE: 1" = 30' HORIZ.



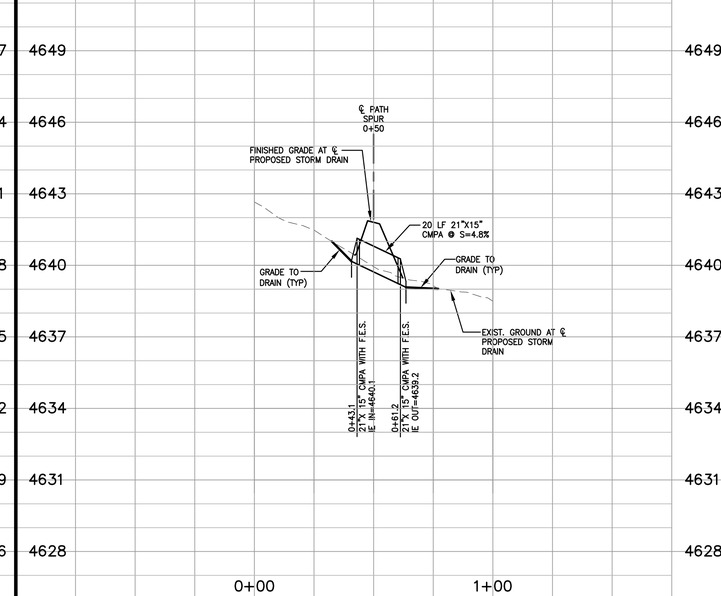
PROFILE – FAIRVIEW DR PATH
STA 40+95.50

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.



PROFILE – FAIRVIEW DR PATH
STA 55+17.54

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.



PROFILE – FAIRVIEW DR SIDE PATH
AT STA 57+79.19

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.:PP-STORM DRAINS.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

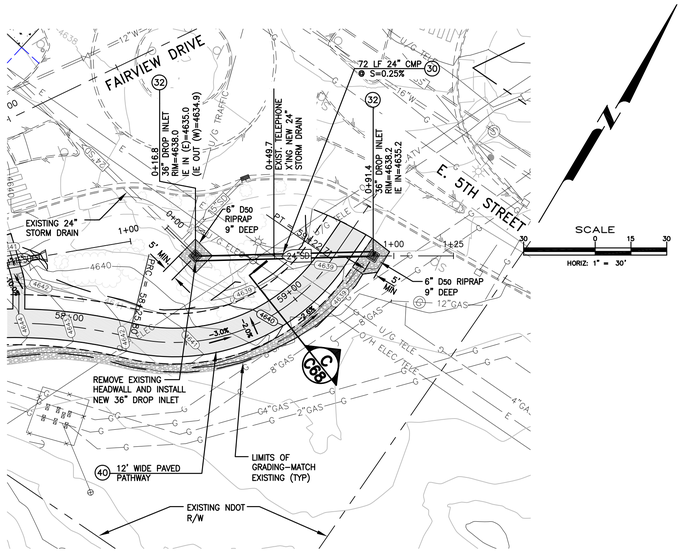
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATH
STORM DRAIN PLAN & PROFILES

SHEET C49 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-STORM DRAINS.dwg



PLAN – FAIRVIEW PATH
STA 59+24.50

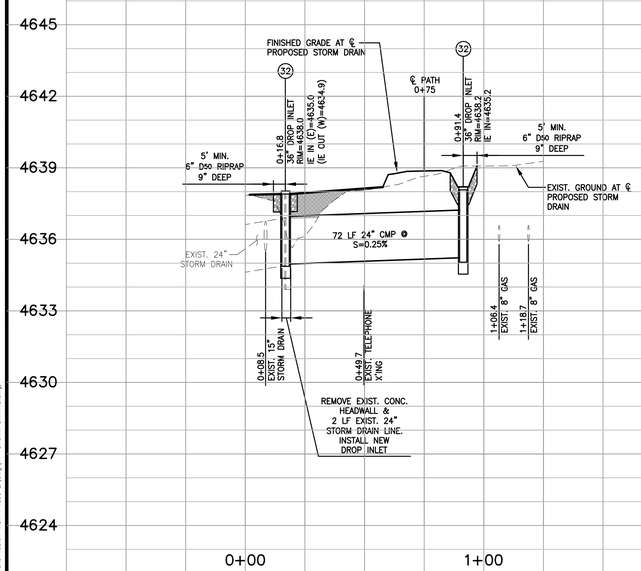
SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

(30) INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)

(32) INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.

(40) CONSTRUCT 12' WIDE MULTI-USE PATHWAY PER SECTION C, SHEET C68.



PROFILE – FAIRVIEW DR PATH
STA 59+24.50

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-STORM DRAINS.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/1/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

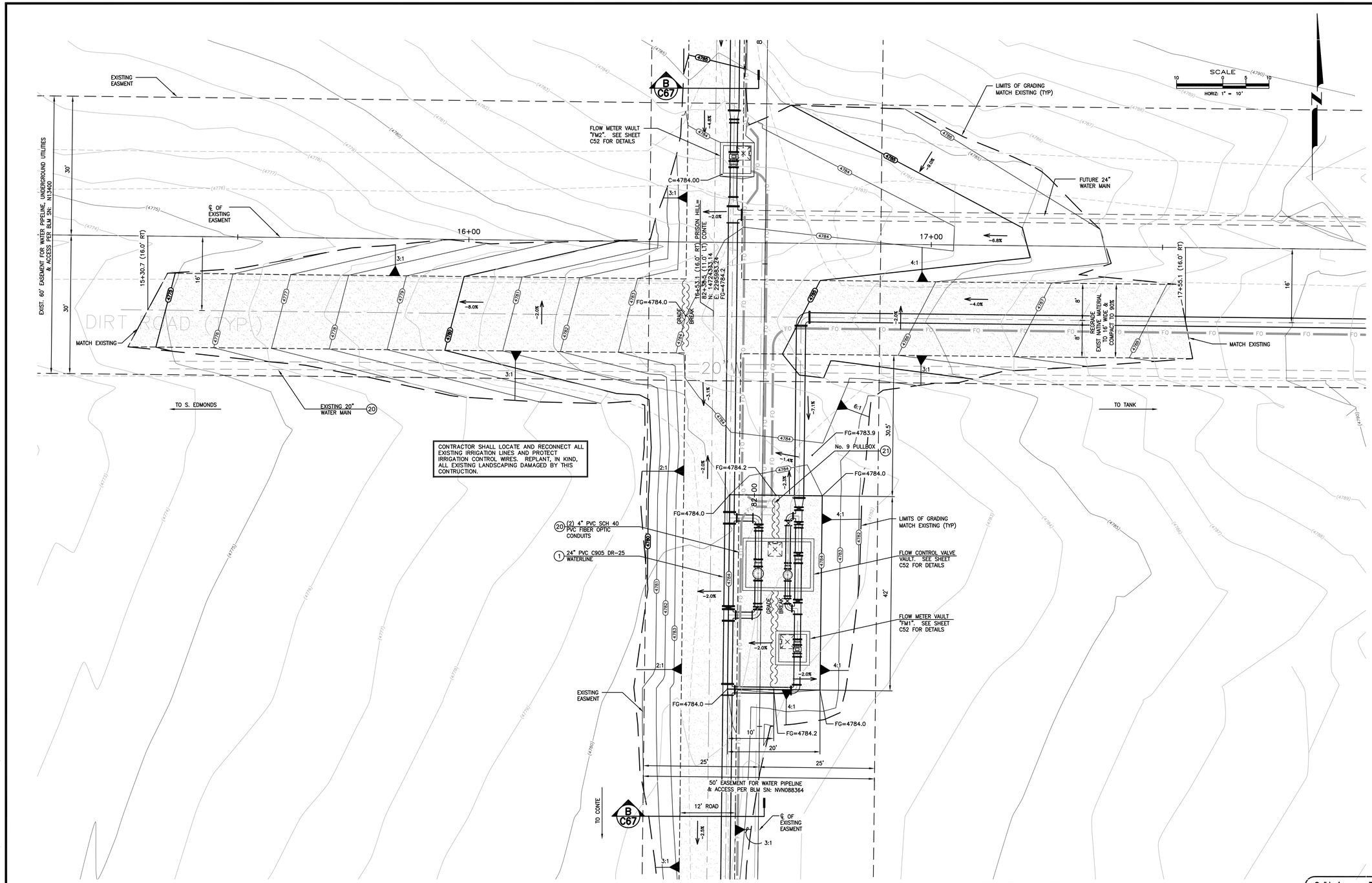
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
FAIRVIEW DRIVE PATH
STORM DRAIN PLAN & PROFILE

SHEET
C50
OF
96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-STORM DRAINS.dwg



PRISON HILL TANK RD AND GRADING PLAN

SCALE: 1" = 10' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: conte & prison hill regrading.dwg
SCALE (HORIZ): 1"=10'
SCALE (VERT): N/A
PLOT DATE: 2/14/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

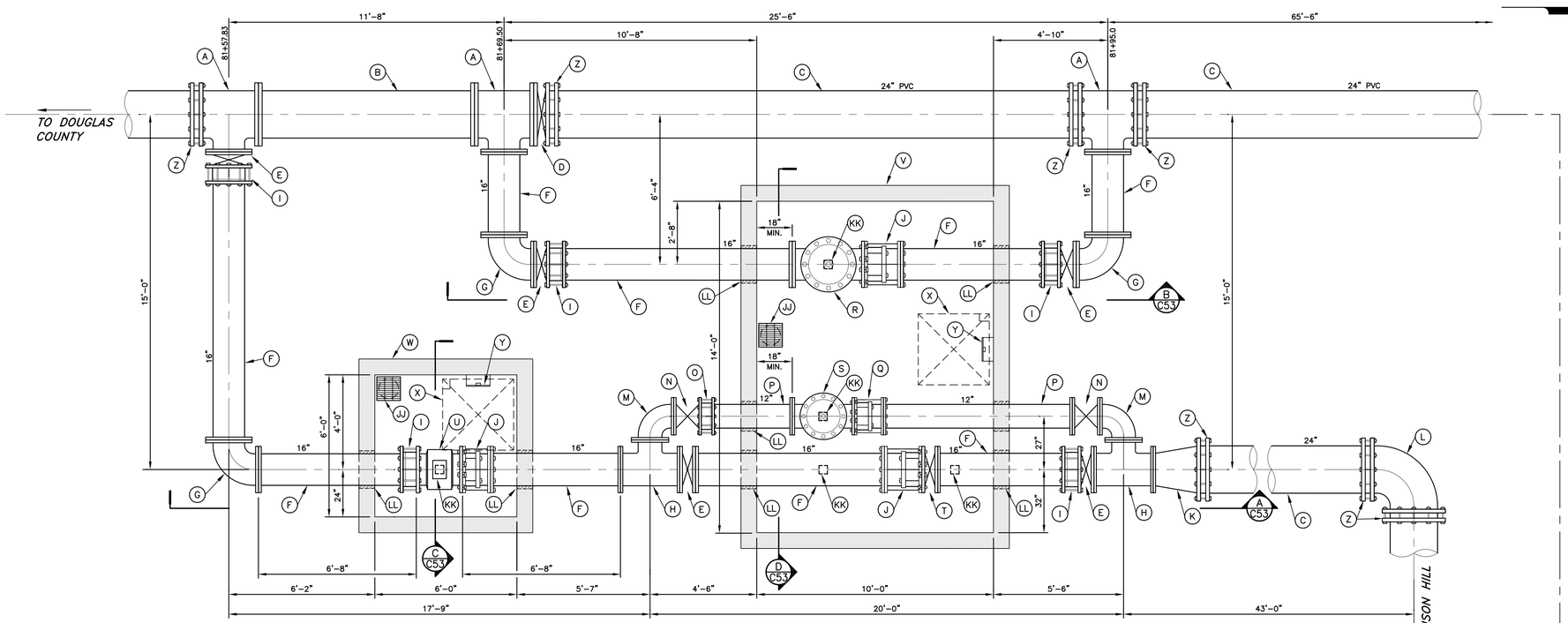
PROFESSIONAL ENGINEER — STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT - PHASE 2
PROJECT No. 4.0800
PRISON HILL VAULT
GRADING PLAN

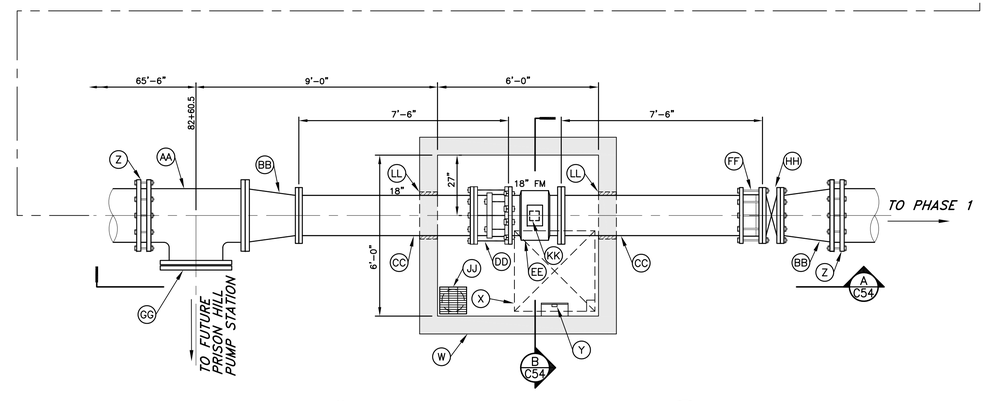
SHEET C51 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\CONTE & PRISON HILL REGRADING.dwg, 2/14/11



16" FLOW METER VAULT PLAN & FLOW CONTROL VAULT PLAN (1 / C52)

SCALE: 3/8"=1'-0"



18" FLOW METER VAULT PLAN (2 / C52)

SCALE: 3/8"=1'-0"

VAULT EQUIPMENT MATERIAL LIST

ITEM	QTY.	UNIT	DESCRIPTION
A	3	EA	24"x24"x16" Ductile Iron Tee (Flg x Flg)
B	1	EA	24" Ductile Iron Spool, Flg. x Flg. (verify all lengths and clearances before ordering)
C	4	EA	24" PVC C905 DR-25 Spool (With Restrained Joints)
D	1	EA	24" Butterfly Valve (Flg x MJ)
E	5	EA	16" Gate Valve
F	9	EA	16" Ductile Iron Spool, Flg. x P.E. (verify all lengths and clearances before ordering)
G	3	EA	16"x90° Ductile Iron Elbow (Flg xFlg)
H	2	EA	16"x16"x12" Ductile Iron Tee (Flg x Flg)
I	5	EA	16" Romac Flanged Coupling Adaptors (FCA 501)
J	3	EA	16" Romac Dismantling Joint
K	1	EA	16"x24" Flanged Ductile Iron Reducer
L	1	EA	24"x90° Ductile Iron Elbow (Flg xFlg)
M	2	EA	12"x90° Ductile Iron Elbow (Flg xFlg)
N	2	EA	12" Gate Valve
O	1	EA	12" Romac Flanged Coupling Adaptors (FCA 501)
P	2	EA	12" Ductile Iron Spool, Flg. x P.E. (verify all lengths and clearances before ordering)
Q	1	EA	12" Romac Dismantling Joint
R	1	EA	16" Flow Control Valve (FCV1)
S	1	EA	12" Flow Control Valve (FCV2)
T	1	EA	16" Motorized Butterfly Valve
U	1	EA	16" Flow Meter
V	1	EA	10'x14' Pre-cast concrete Vault designed for H-20 traffic Loading
			(All penetrations made in Vault for new pipe require link-seal gaskets.)
W	2	EA	6'x6' Pre-cast concrete Vault designed for H-20 traffic Loading
			(All penetrations made in Vault for new pipe require link-seal gaskets.)
X	3	EA	Bilco 36"x36" Access Hatch, or Equal, With Flush Mounted Locking Hasp
Y	3	EA	16" Galvanized Steel Ladder with "Ladder-up" safety post. Bolt ladder to wall.
Z	9	EA	24" MEGALUG Mechanical Joint Restraint
AA	1	EA	24"x24"x24" Ductile Iron Tee (Flg x Flg)
BB	2	EA	18"x24" Flanged Ductile Iron Reducer
CC	2	EA	18" Ductile Iron Spool, Flg. x P.E. (verify all lengths and clearances before ordering)
DD	1	EA	18" Romac Dismantling Joint
EE	1	EA	18" Flow Meter
FF	1	EA	18" Romac Flanged Coupling Adaptors (FCA 501)
GG	1	EA	24" Blind Flange
HH	1	EA	18" Butterfly Valve (Flg x Flg)
JJ	3	EA	12"x12" Removable Metal Grate
KK	6	EA	Adjustable Pipe Support Bolted to Floor
LL	10	EA	Line Seal (All penetrations made in Vault for new pipe require link-seal gaskets.)
MM	452	SF	12" Thick x 3/4" Drain Rock, Vibra Plated into Place and Extended 24" Beyond Edge of Vault

NOTES:

1. THIS MATERIAL LIST IS FOR GENERAL CONVENIENCE ONLY AND BY NO MEANS SHOULD BE INTERPRETED AS 100% COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS AND QUANTITIES AS SHOWN ON THE PLANS.
2. INSTALL ALL GAUGES AND DIALS 5' ABOVE THE FINISH FLOOR.
3. ALL STL. PLUMBING SHALL BE FUSION EPOXY LINED AND COATED. STEEL IN VAULT SHALL BE PAINTED FEDERAL SAFETY BLUE.
4. ALL PVC WATER PIPELINES ARE TO BE DISINFECTED ACCORDING TO AWWA STANDARD C651 PER NAC 445A.67145 (6)(a) AND PRESSURE TESTED ACCORDING TO AWWA STANDARD C605 PER NAC 445A.67145 (7)(b). WATER STORAGE TANK DISINFECTION SHALL BE IN ACCORDANCE WITH AWWA C652. DISPOSAL OF HEAVILY CHLORINATED WATER MUST BE COORDINATED WITH NDEP WATER POLLUTION CONTROL.
5. CONTRACTOR TO PROVIDE NUT EXTENSIONS FOR ALL BUTTERFLY VALVES TO EXTEND TOP OF NUT TO BETWEEN 18" AND 24" FROM TOP OF VALVE CAN.

DESIGNED BY: DGR/DLO
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: 4-0800-details.dwg
SCALE (HORIZ): 3/8"=1'-0"
SCALE (VERT): N/A
PLOT DATE: 2/2/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER - STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT - PHASE 2
PROJECT No. 4.0800

PRISON HILL
VAULT DETAILS

SHEET C52 OF 96

H:\PROJECTS\4-0800 N-S Transmission Main Phase 2\dwg\4-0800-DETAILS.dwg, 2/2/11