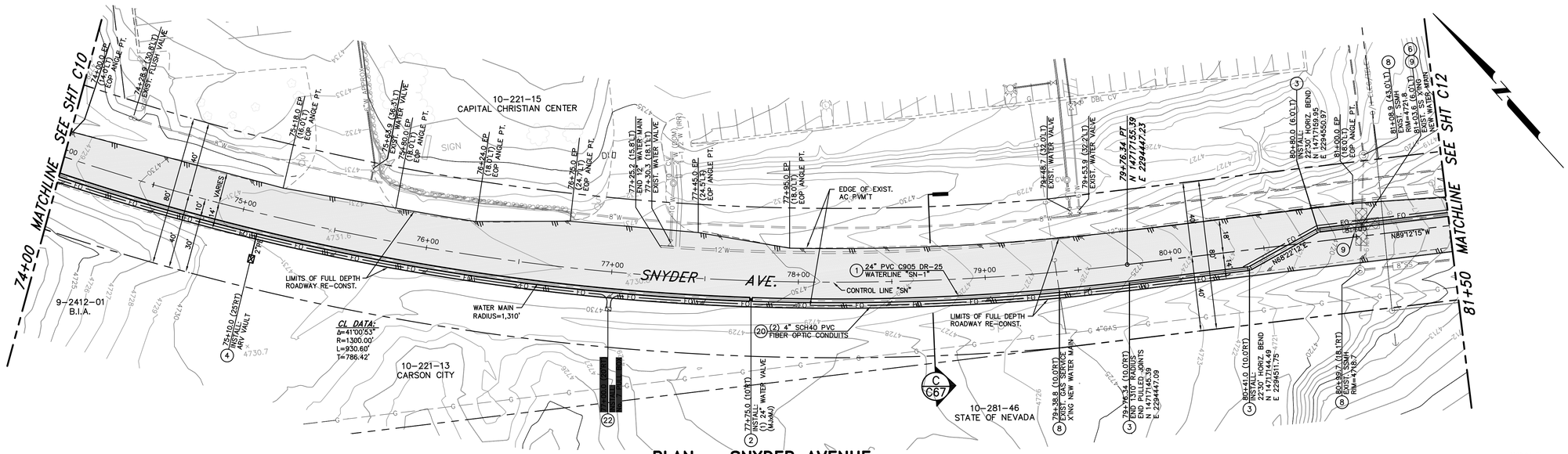


LEGEND:

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

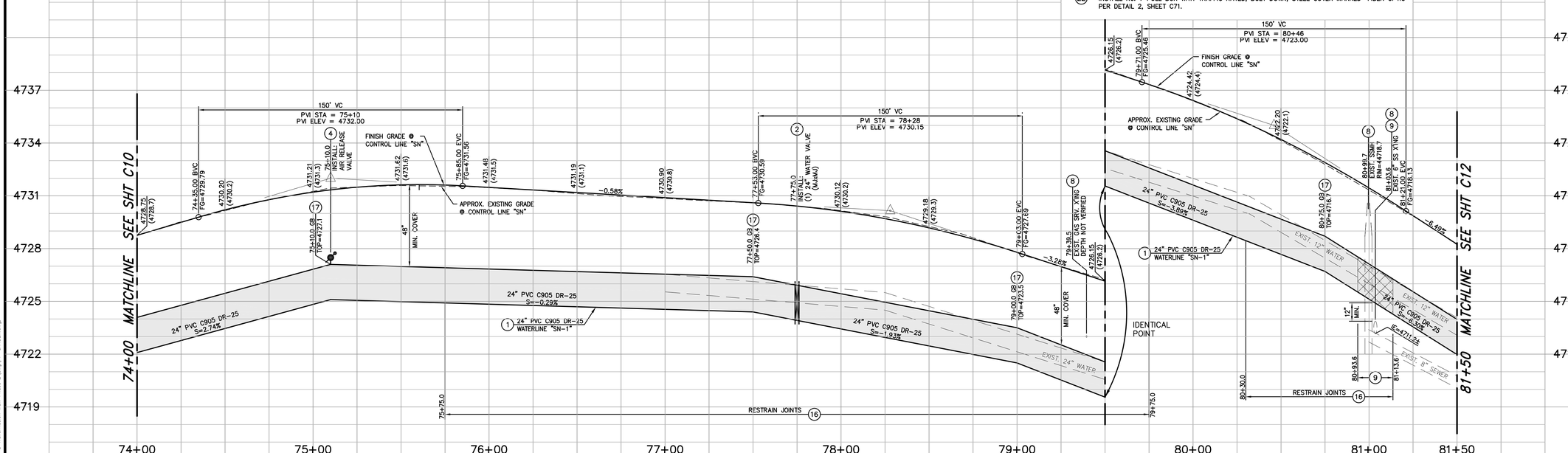
PLAN – SNYDER AVENUE

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.
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.
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.

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



PROFILE – SNYDER AVENUE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-SNYDER.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

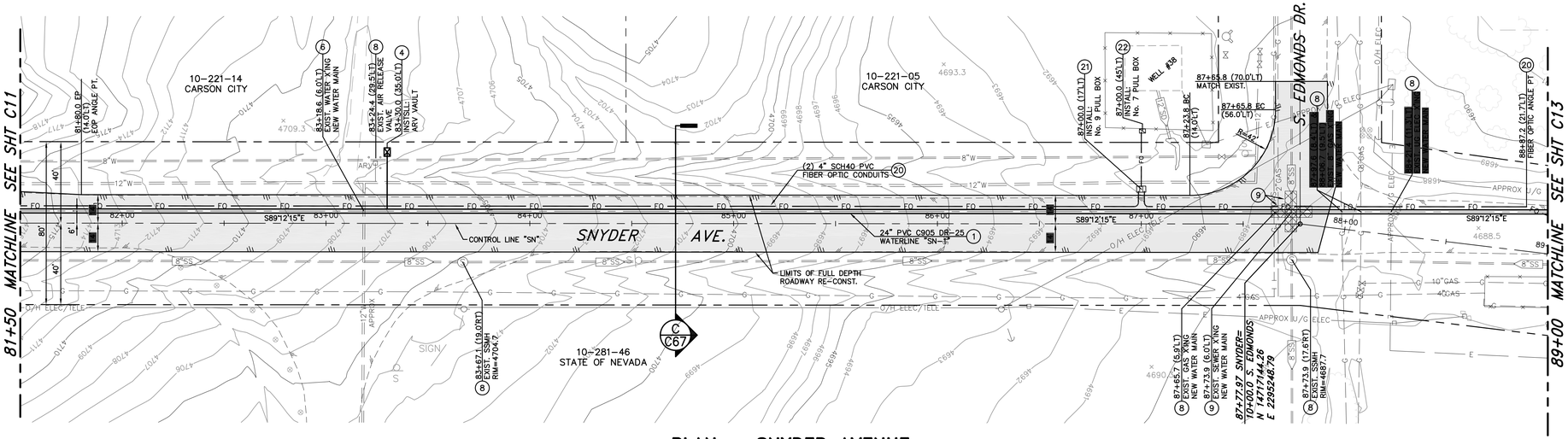
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SNYDER AVENUE
PLAN & PROFILE
STA 74+00 to STA 81+50

SHEET C11 OF 96

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



LEGEND:

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

PLAN – SNYDER AVENUE

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 C3. 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.
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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.

SCALE
HORIZ: 1" = 30'

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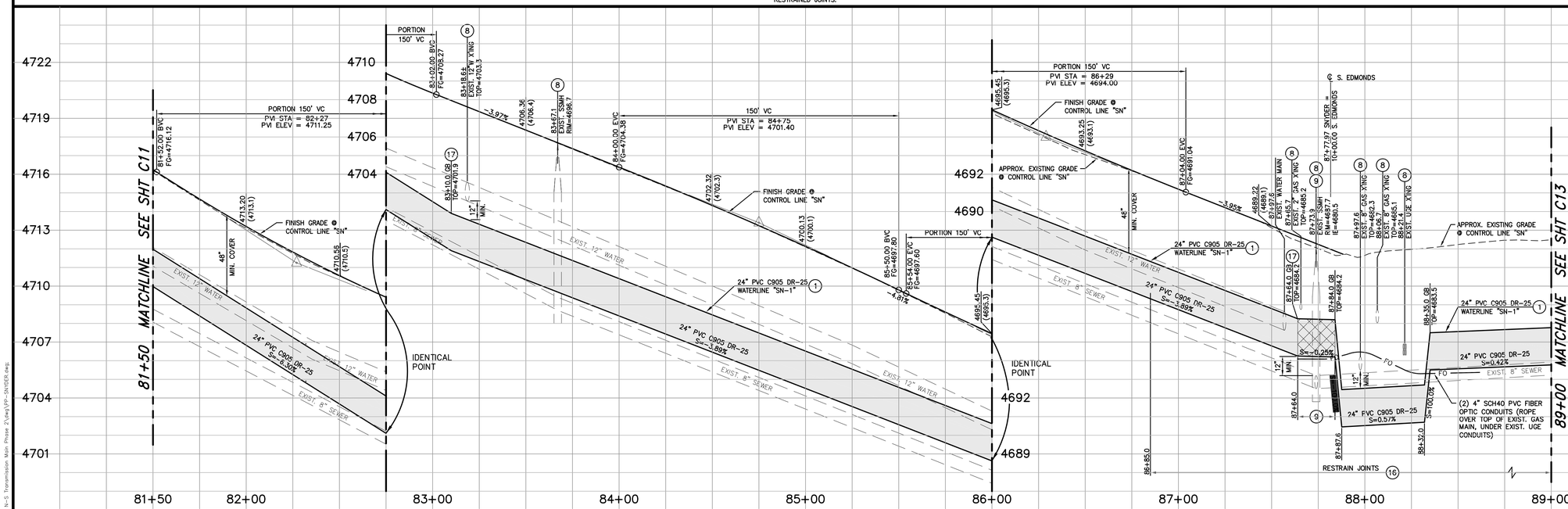


PROFILE – SNYDER AVENUE

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

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

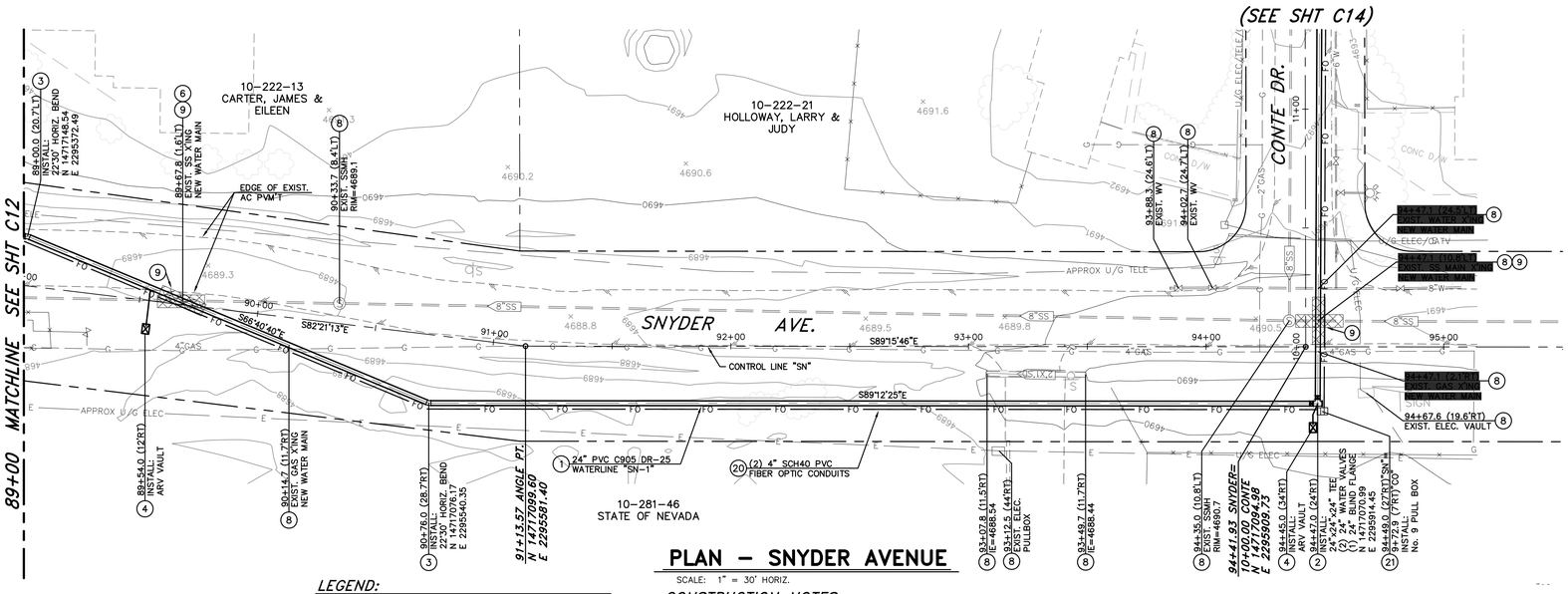
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

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
SNYDER AVENUE
PLAN & PROFILE
STA 81+50 to STA 89+00

SHEET C12 OF 96



PLAN – SNYDER AVENUE

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.
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.
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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.

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

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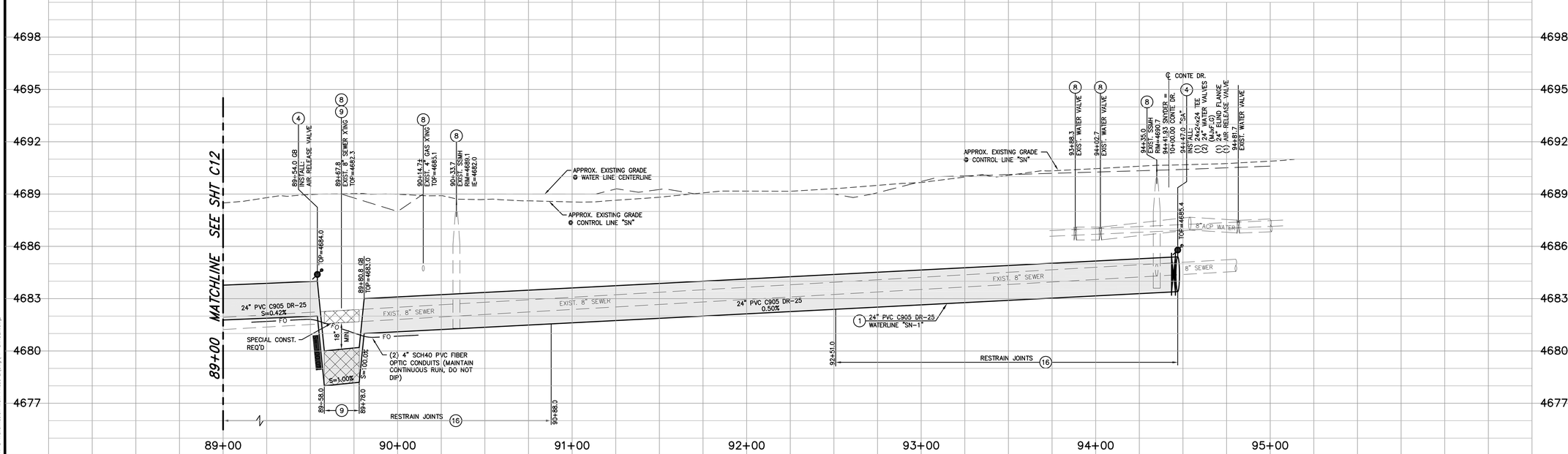
OR
1-800-227-2600



PROFILE – SNYDER AVENUE

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

REV.	DATE	DESCRIPTION	BY	APP'D

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

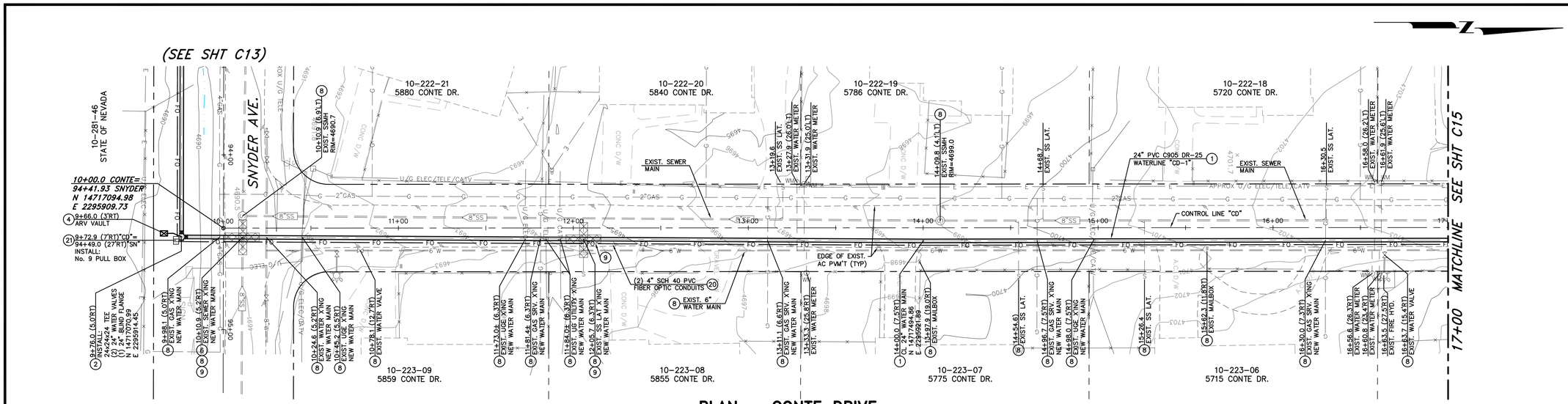
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

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

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SNYDER AVENUE
PLAN & PROFILE
STA 88+50 to STA 95+00

SHEET C13 OF 96

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



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

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

CONSTRUCTION NOTES:

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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.
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21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

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

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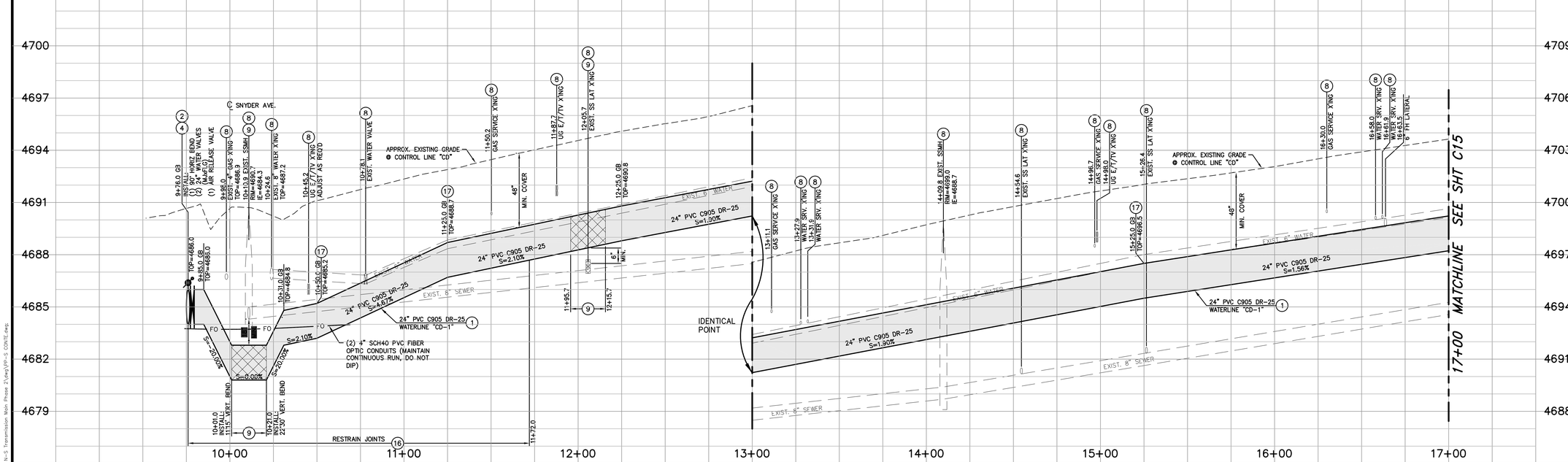
OR
1-800-227-2600



PROFILE – CONTE DRIVE

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

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

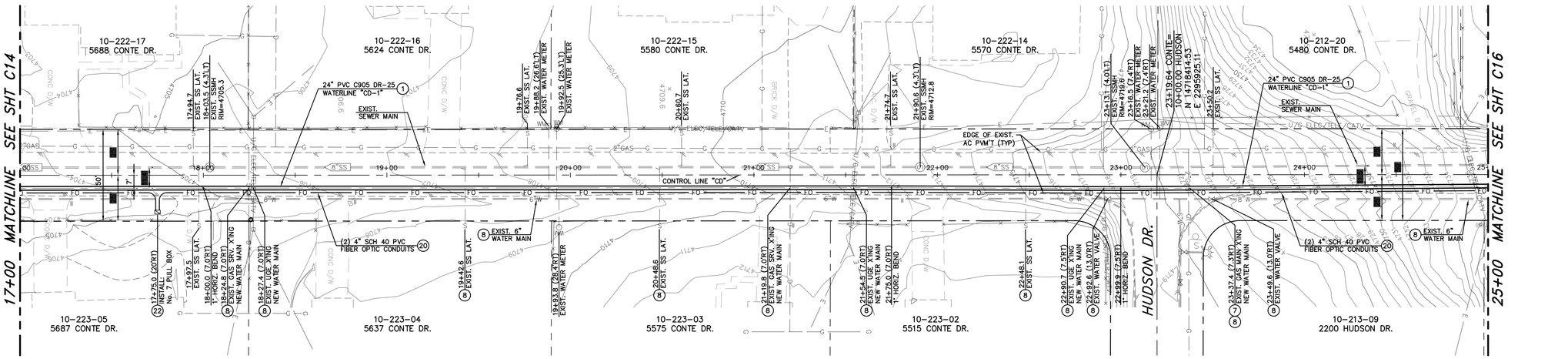
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

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
CONTE DRIVE
PLAN & PROFILE
STA 10+00 to STA 17+00

SHEET C14 OF 96



LEGEND:

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

PLAN – CONTE DRIVE

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.
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8. PROTECT-IN-PLACE
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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.

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

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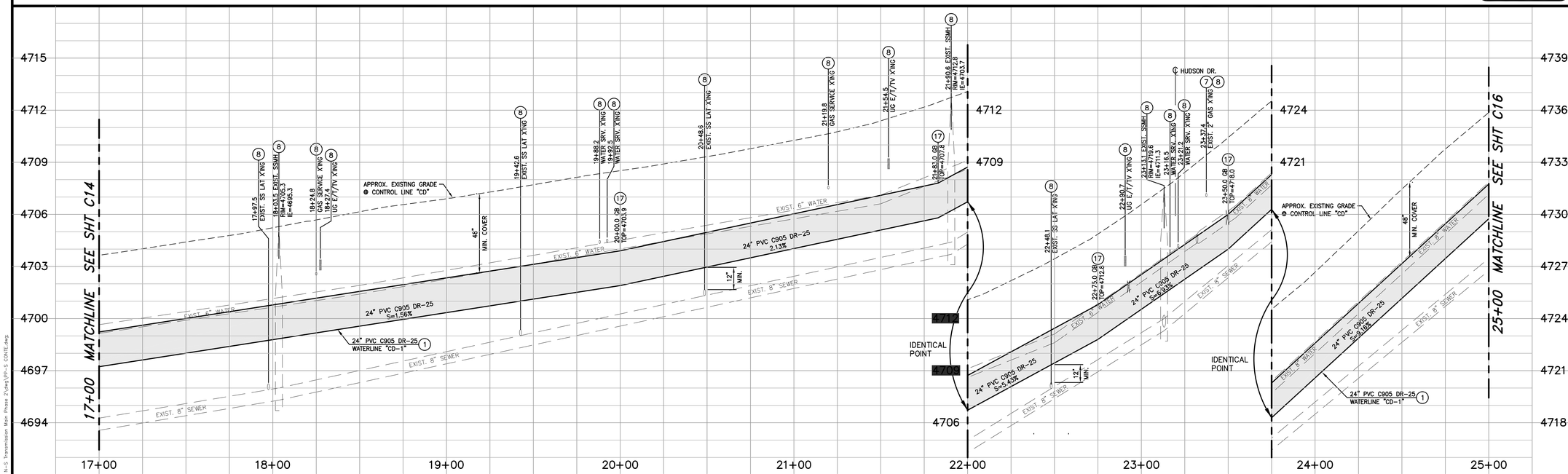
OR
1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

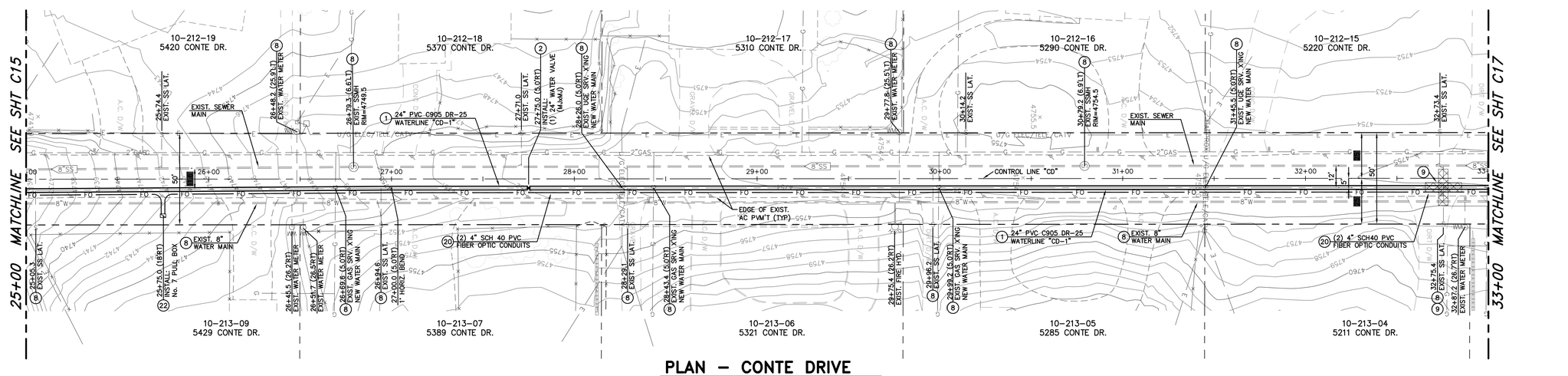
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 17+00 to STA 25+00

SHEET C15 OF 96

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



PLAN – CONTE DRIVE

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 MANUFACTURER'S 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.
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.
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21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

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

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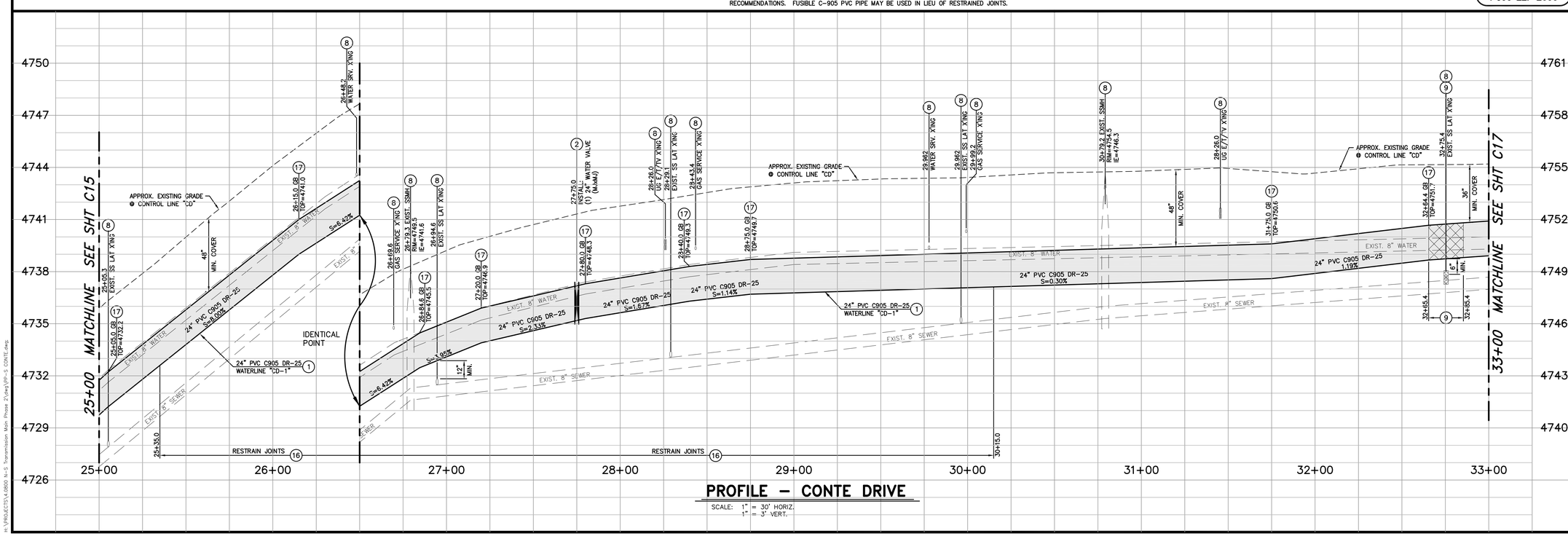


PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

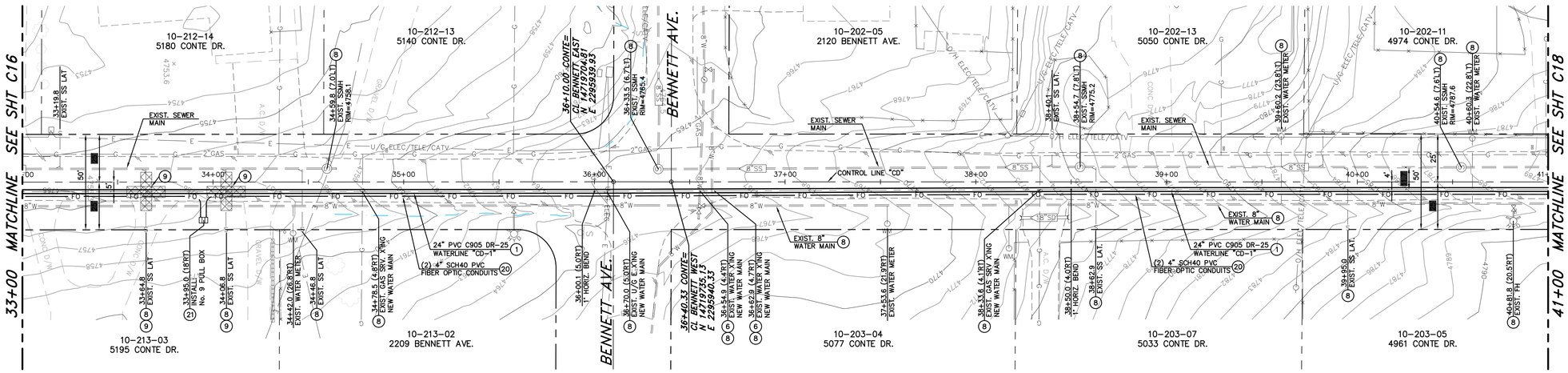
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 25+00 to STA 33+00

SHEET C16 OF 96

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



LEGEND:

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

PLAN – CONTE DRIVE

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.
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.

SCALE
HORIZ: 1" = 30'

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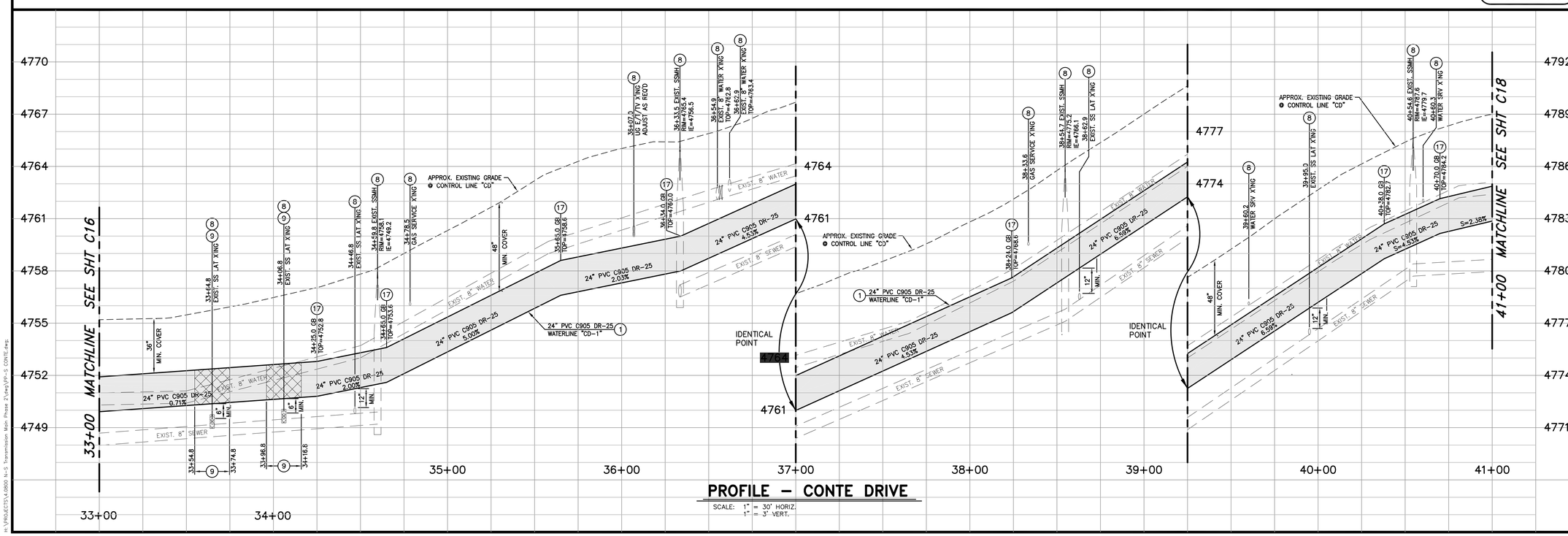
Call 811 OR 1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

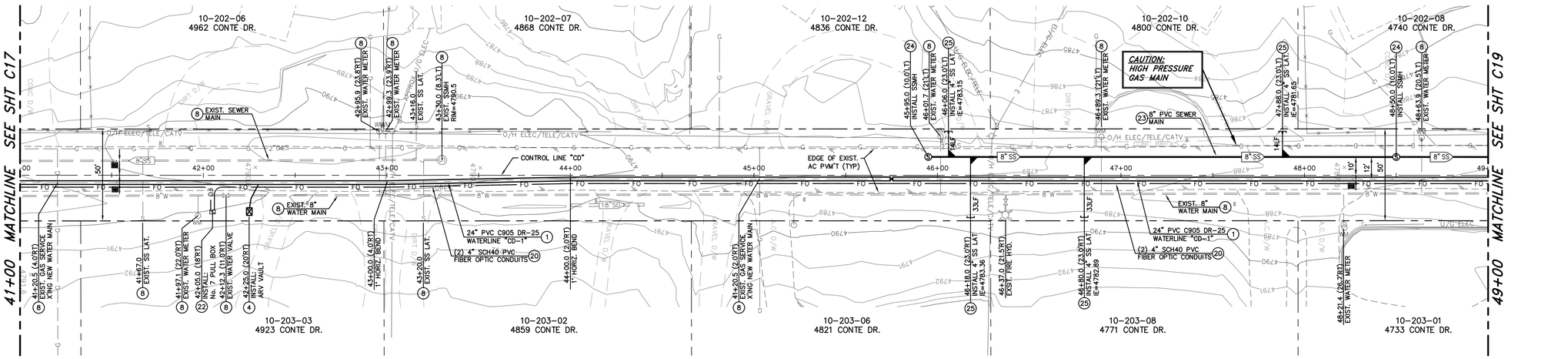
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 33+00 to STA 41+00

SHEET C17 OF 96

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



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

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
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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

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

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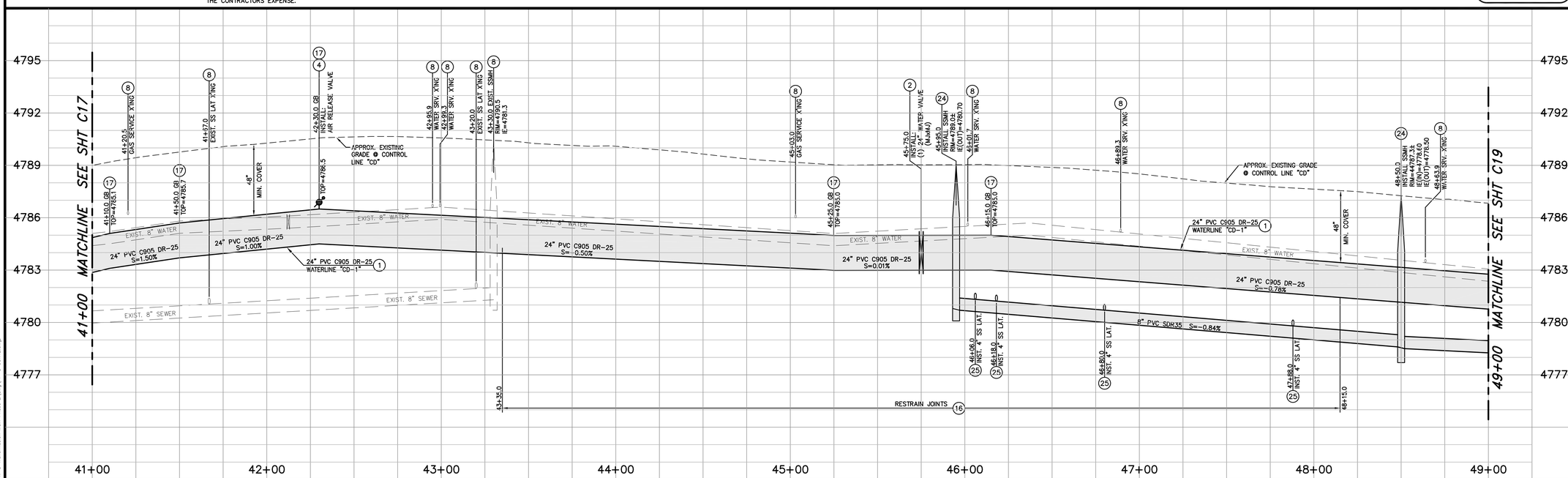

PROFILE – CONTE DRIVE

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

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

CARSON CITY
PUBLIC WORKS DEPARTMENT
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PH: 887-2355 FAX: 887-2112

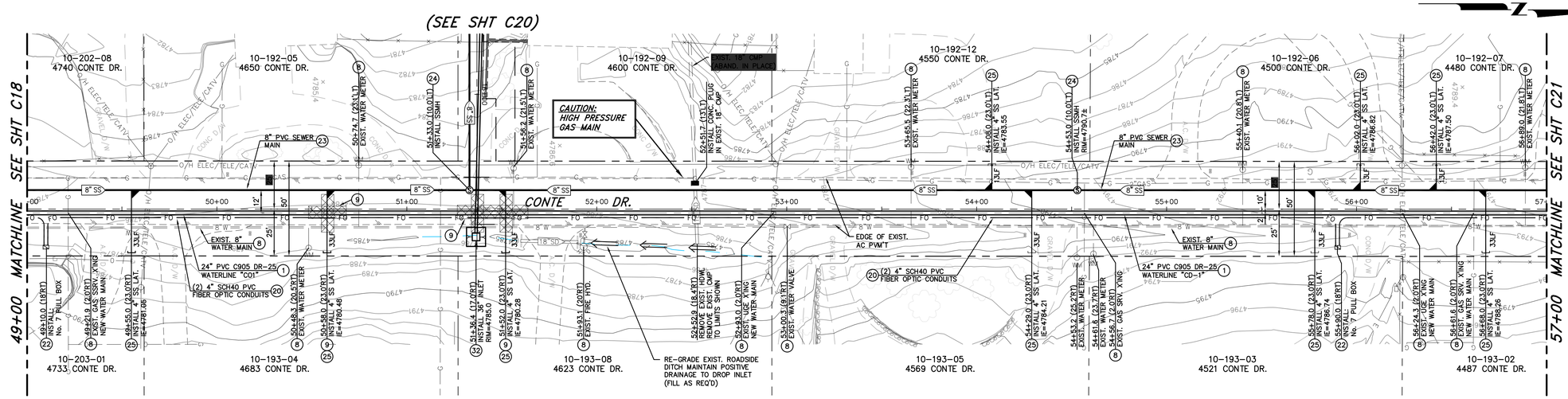
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 41+00 to STA 49+00

SHEET C18 OF 96

H:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

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.
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.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.
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.

SCALE
HORIZ: 1" = 30'

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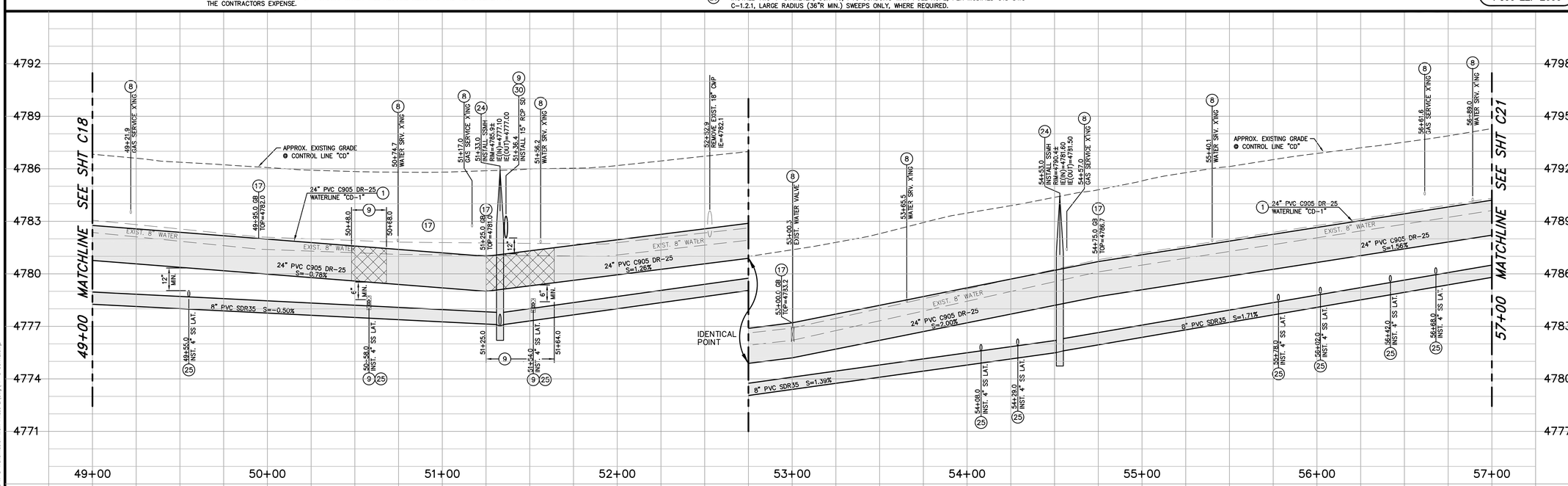


PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

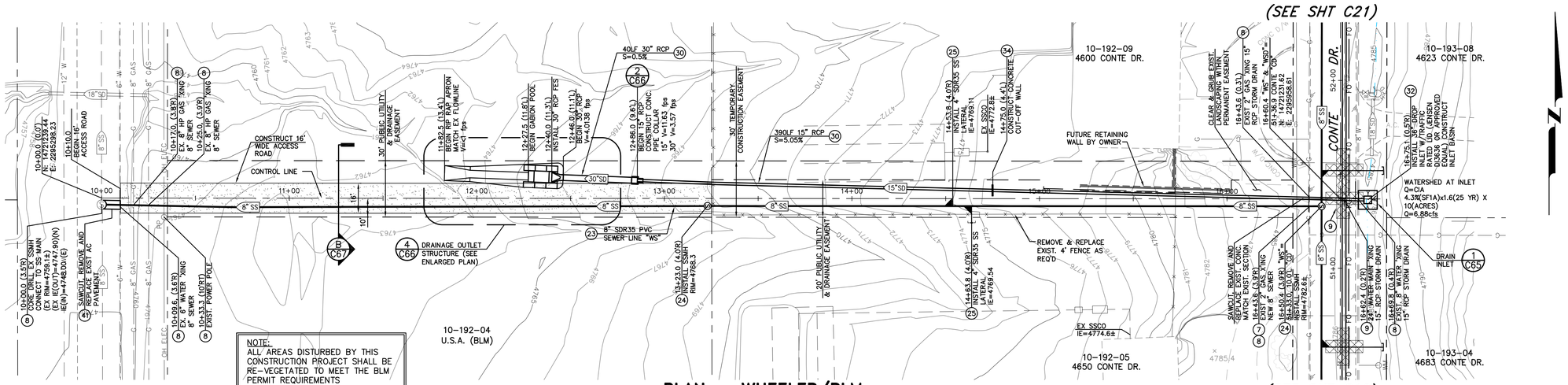
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 49+00 to STA 57+00

SHEET C19 OF 96

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



NOTE:
ALL AREAS DISTURBED BY THIS CONSTRUCTION PROJECT SHALL BE RE-VEGETATED TO MEET THE BLM PERMIT REQUIREMENTS

PLAN – WHEELER/BLM

SCALE: 1" = 30' HORIZ.

LEGEND:

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

CONSTRUCTION NOTES:

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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.
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.
34. CONSTRUCT CONCRETE CUT-OFF COLLAR PER DETAIL 3, SHEET C66.
41. SAWCUT, REMOVE AND REPLACE EXISTING ASPHALT PER STD DRAWING C-5.1.6.

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

SCALE
HORIZ: 1" = 30'

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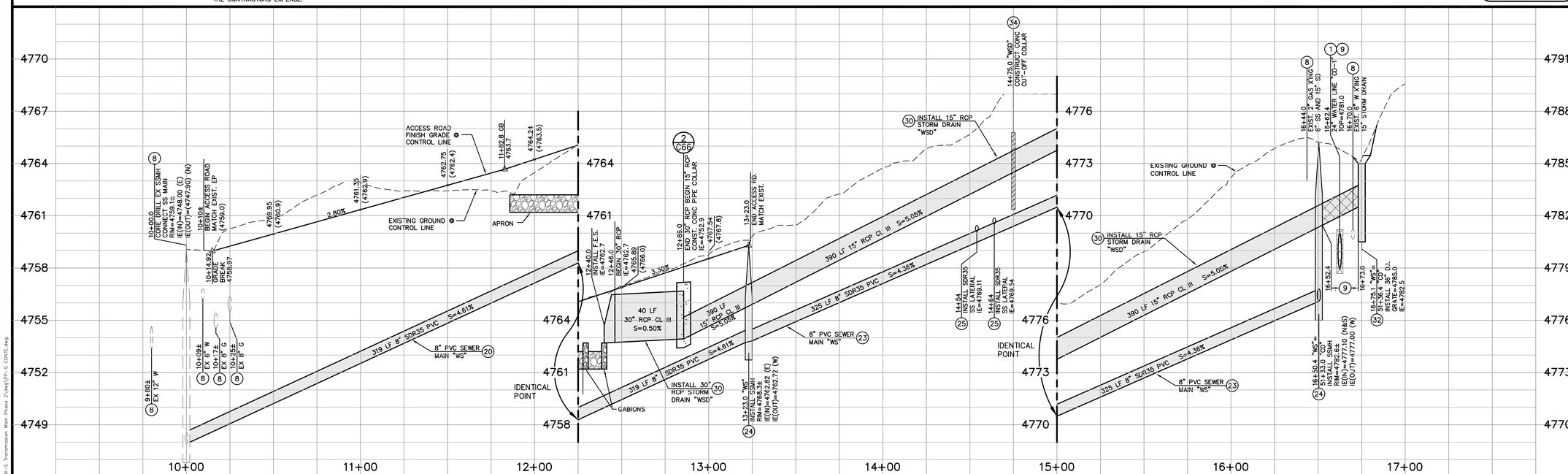

PROFILE – WHEELER/BLM

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

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

CARSON CITY
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PH: 887-2355 FAX: 887-2112

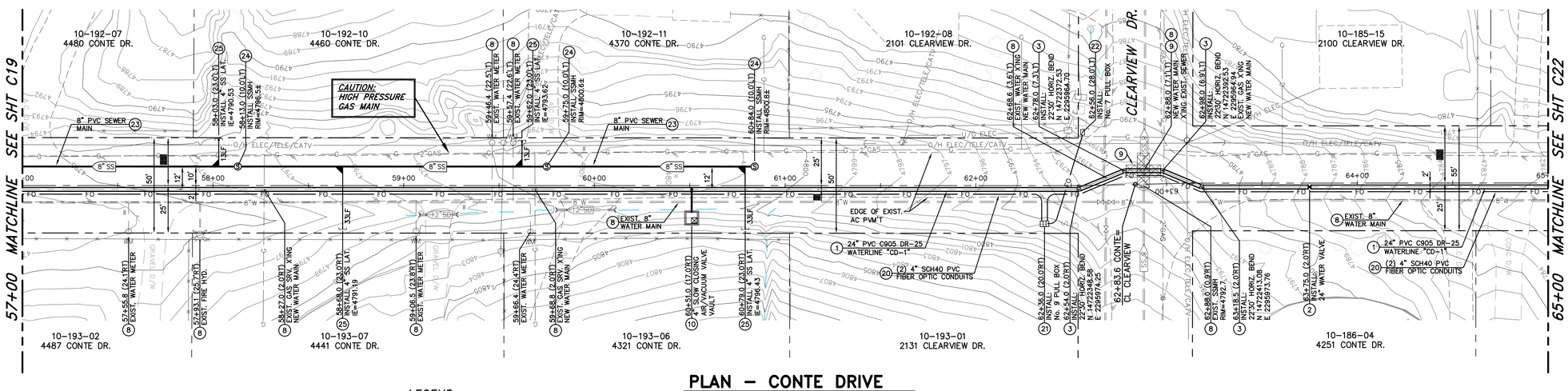
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
WHEELER/BLM SEWER & STORM DRAIN
PLAN & PROFILE
STA 10+00 to STA 17+00

SHEET C20 OF 96

n:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

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.
10. INSTALL SLOW CLOSING AIR/VACUUM VALVE WITH AIR RELEASE AND SURGE CHECK VALVE PER DETAIL 5, SHEET C63.
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.
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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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
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25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

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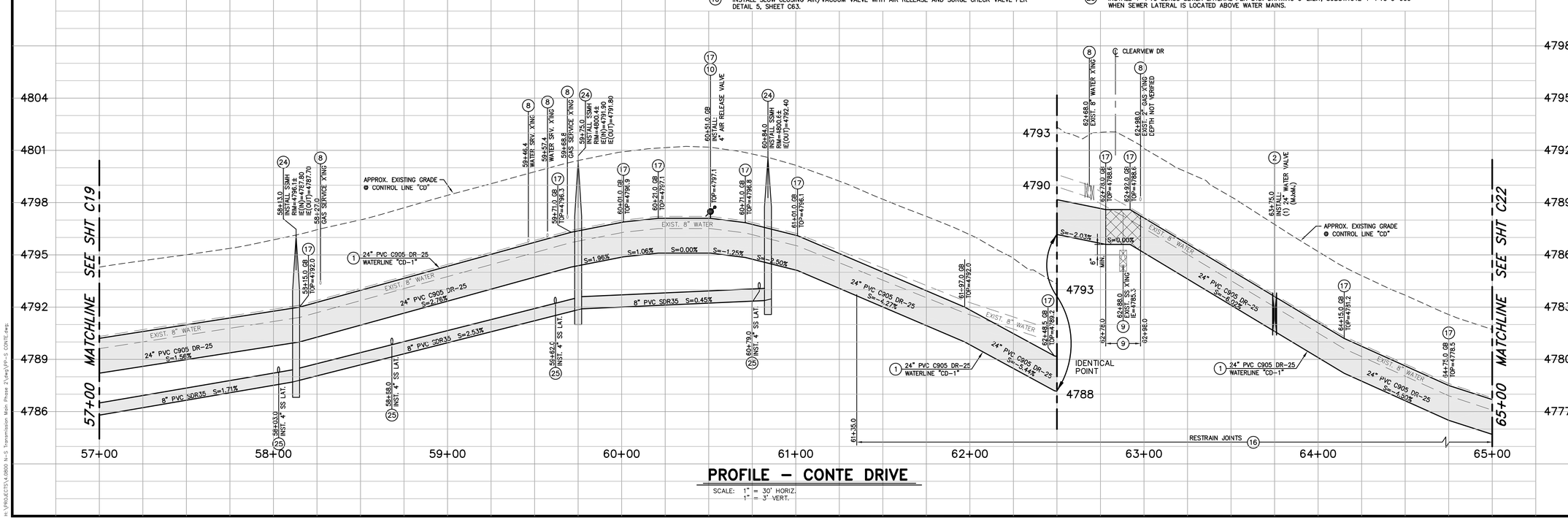

PROFILE – CONTE DRIVE

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

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-s conte.dwg
SCALE (HORIZ):	1"=30'
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PH: 887-2355 FAX: 887-2112

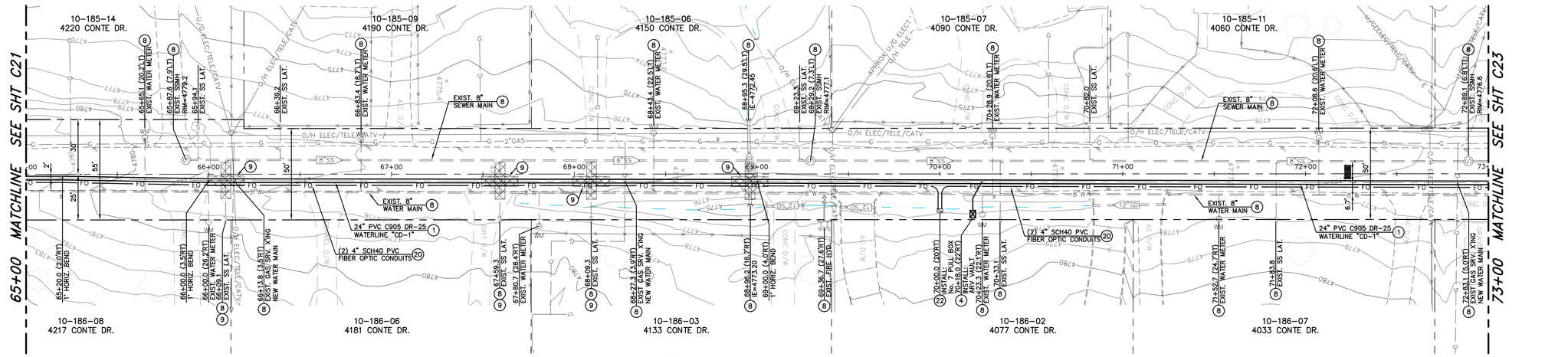
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 57+00 to STA 65+00

SHEET C21 OF 96

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



LEGEND:

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

PLAN – CONTE DRIVE

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

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(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.

SCALE
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HORIZ: 1" = 30'

Call before you Dig
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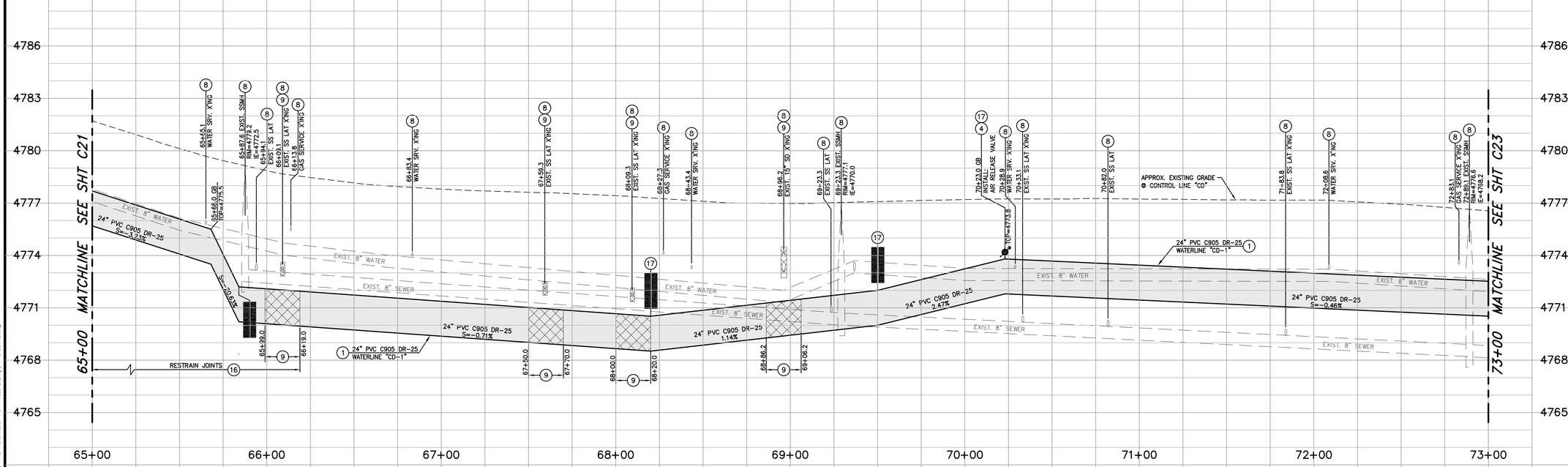
Call 811
OR
1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

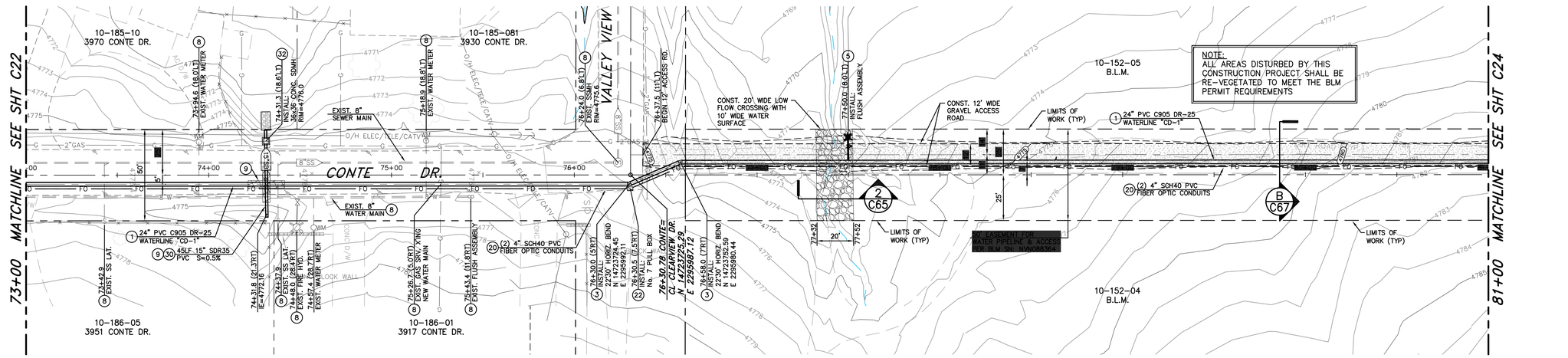
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 65+00 to STA 73+00

SHEET C22 OF 96

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



LEGEND:

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

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

REFERENCE SHEET C47 FOR STORM DRAIN PLAN & 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 MANUFACTURER'S RECOMMENDATIONS.
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)
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.

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

Call before you Dig
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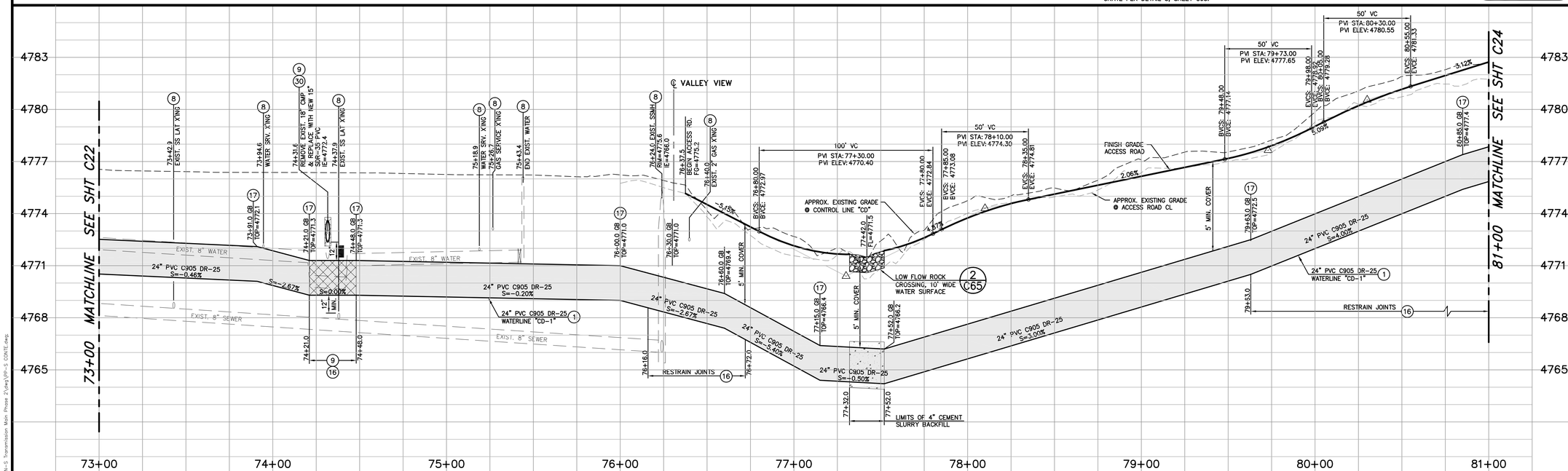
Call 811
OR
1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

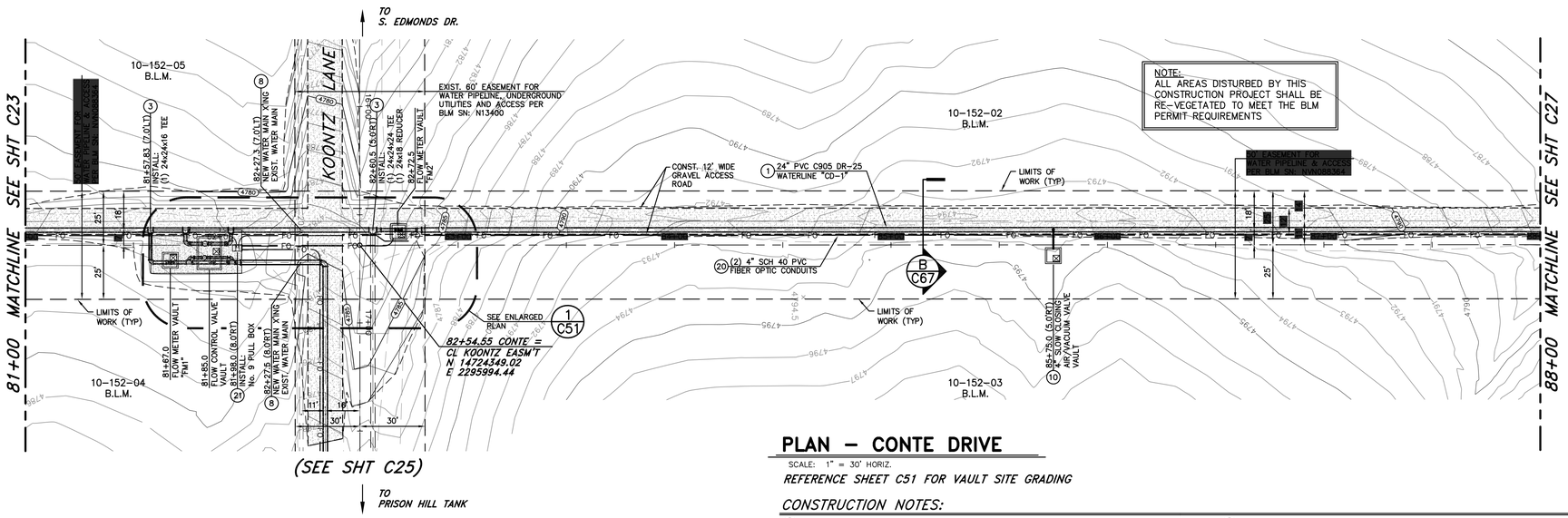
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 73+00 to STA 81+00

SHEET C23 OF 96

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



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

REFERENCE SHEET C51 FOR VAULT SITE GRADING

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.
8. PROTECT-IN-PLACE
10. INSTALL SLOW CLOSING AIR/VACUUM VALVE WITH AIR RELEASE AND SURGE CHECK VALVE PER DETAIL 5, SHEET C63.
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.

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

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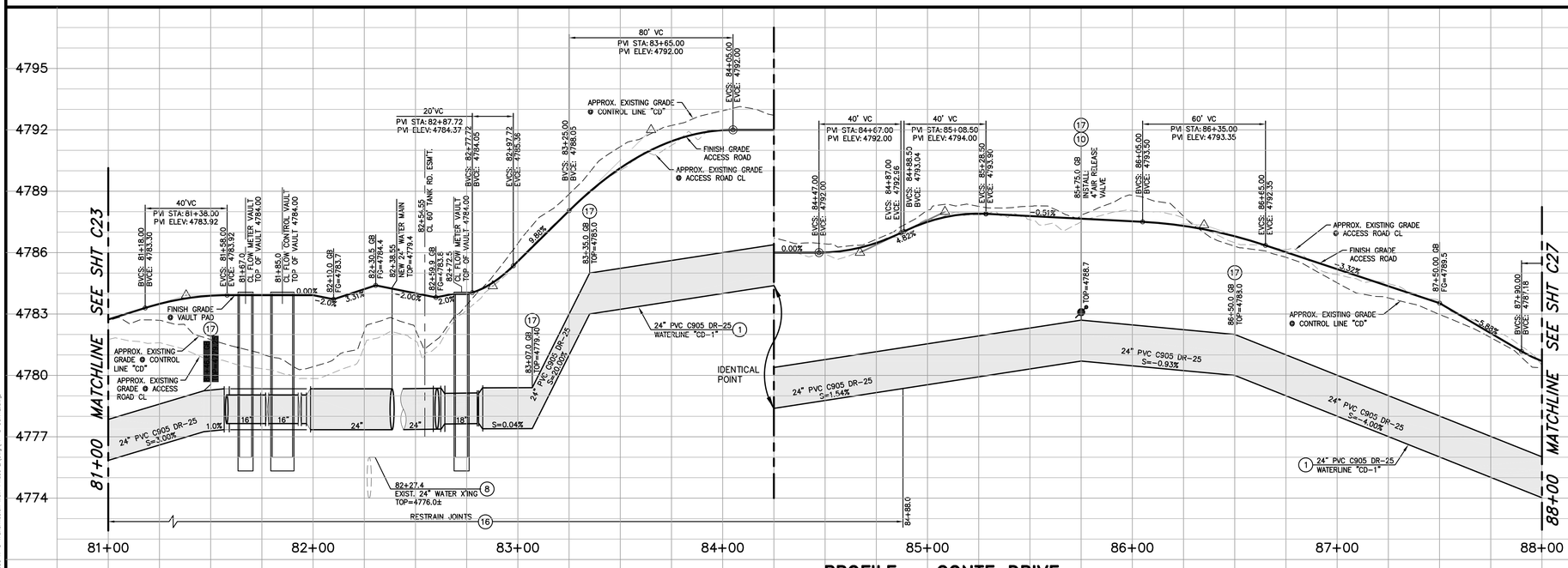
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.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

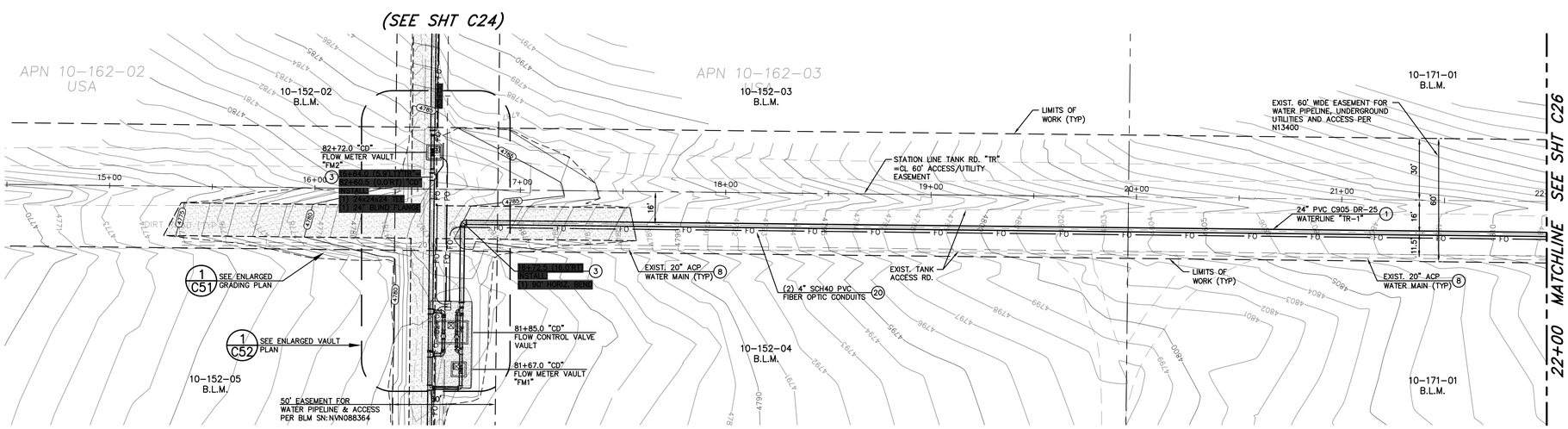
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 81+00 to STA 88+00

SHEET C24 OF 96

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



PLAN – PRISON HILL TANK RD.

SCALE: 1" = 30' HORIZ.

LEGEND:

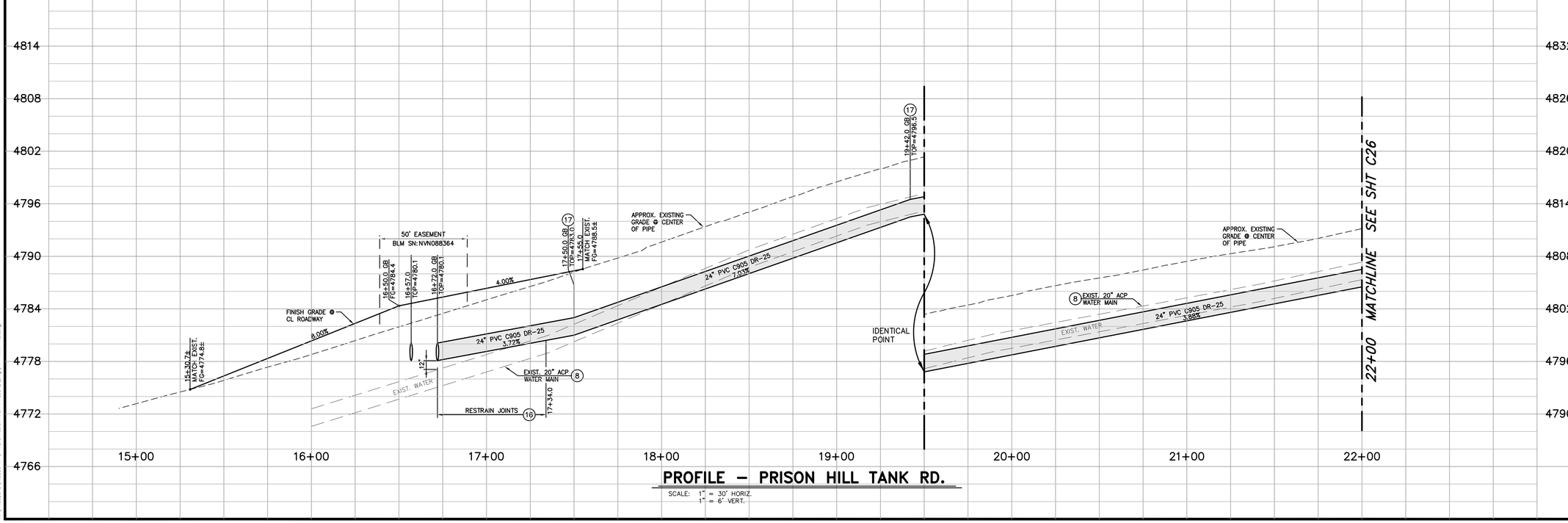
AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

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.
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.

SCALE
HORIZ: 1" = 30'

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



PROFILE – PRISON HILL TANK RD.

SCALE: 1" = 30' HORIZ.
1" = 6' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR
CHECKED BY: MB
DWG NO.: PP-TANK-RD.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=6'
PLOT DATE: 3/1/11

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

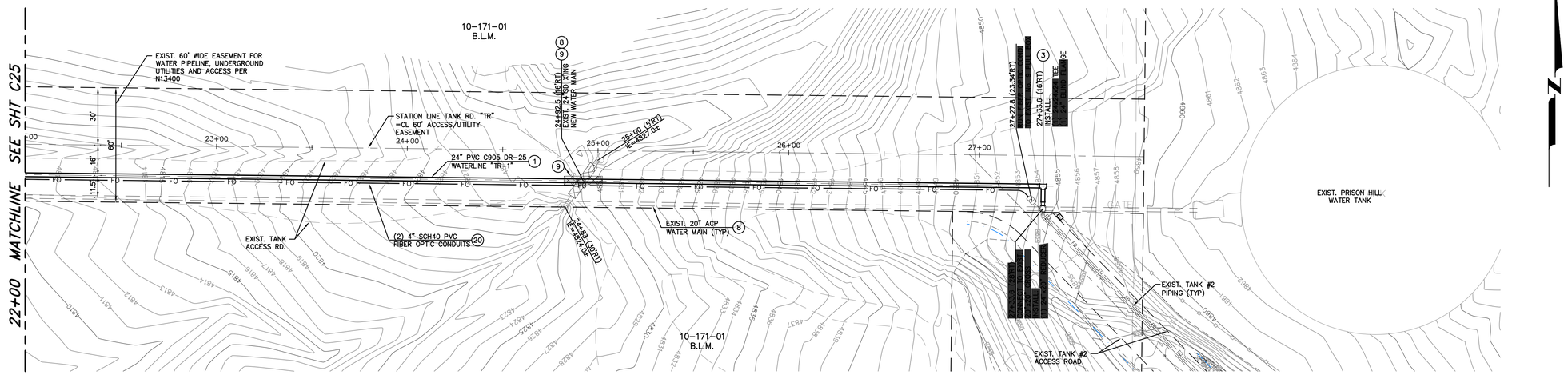
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
PRISON HILL TANK ROAD
PLAN & PROFILE
STA 15+00 to STA 22+00

SHEET C25 OF 96

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



LEGEND:

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

PLAN – PRISON HILL TANK RD.

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.
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.

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

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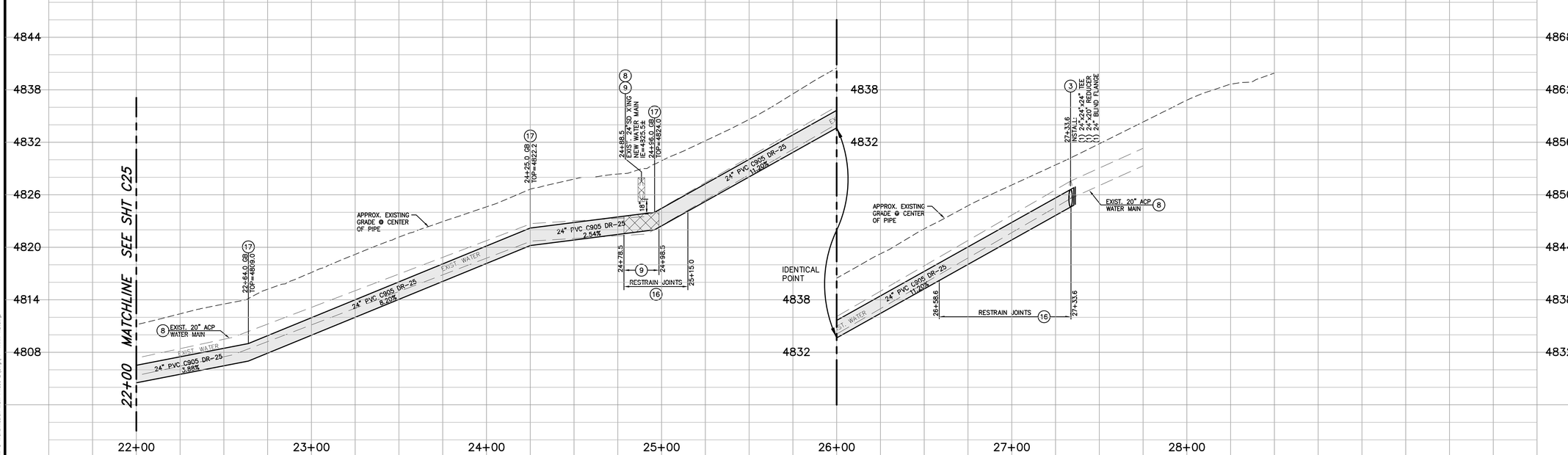
OR
1-800-227-2600



PROFILE – PRISON HILL TANK RD.

SCALE: 1" = 30' HORIZ.
1" = 6' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR
CHECKED BY: MB
DWG NO.: PP-TANK-RD.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=6'
PLOT DATE: 3/1/11

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

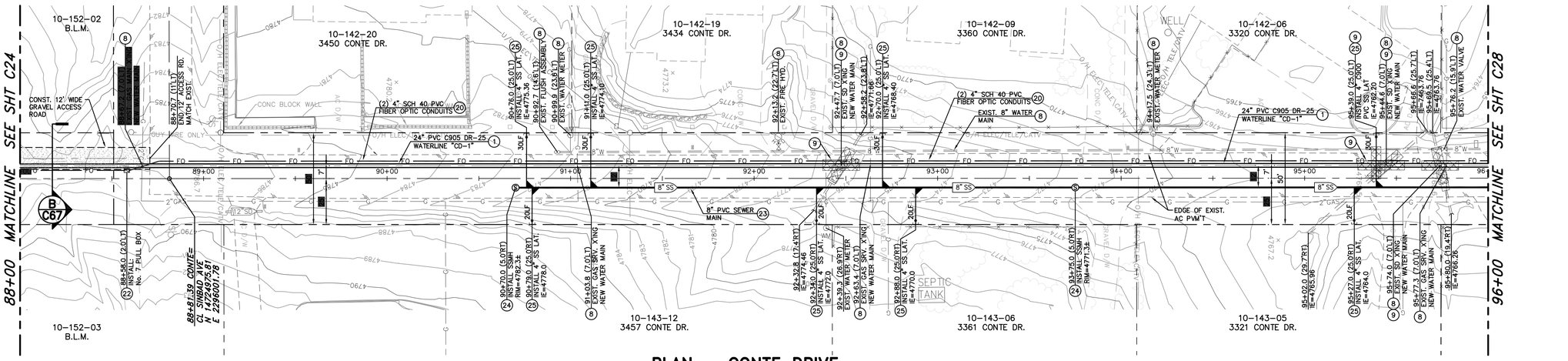
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
PRISON HILL TANK ROAD
PLAN & PROFILE
STA 22+00 to STA 28+00

SHEET C26 OF 96

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



LEGEND:

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

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

PLAN – CONTE DRIVE

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.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

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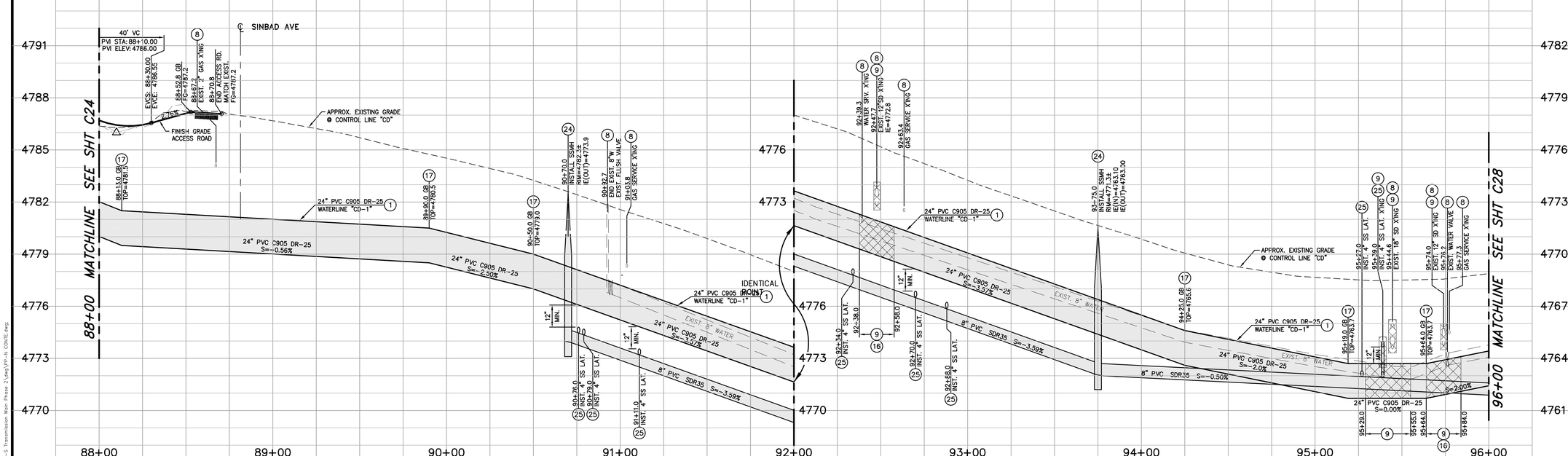
Call 811 OR 1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-n conte.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

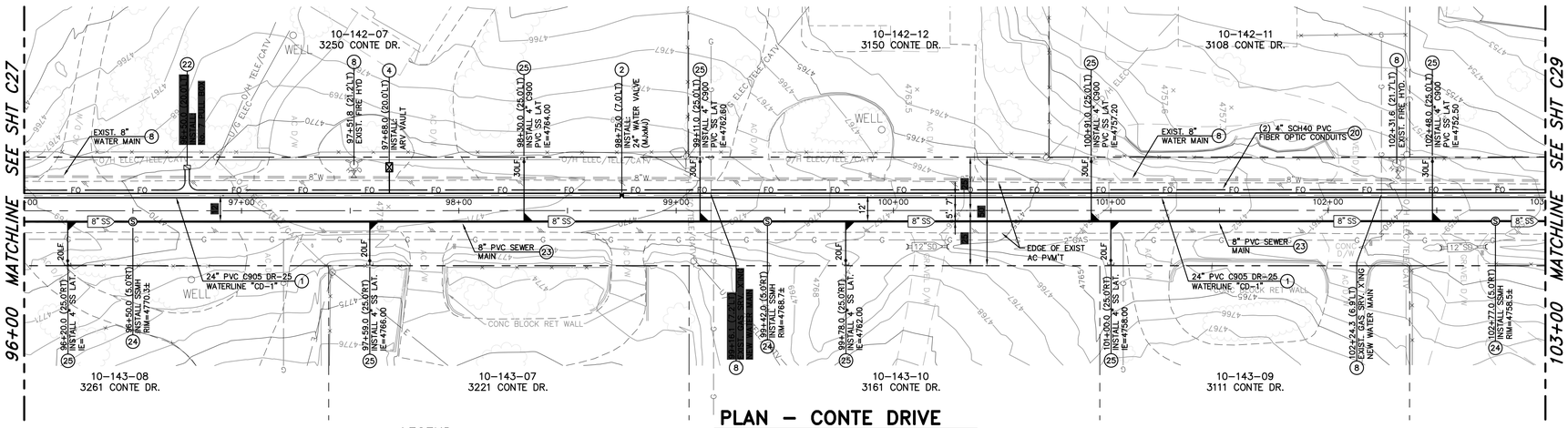
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 88+00 to STA 96+00

SHEET C27 OF 96

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



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

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

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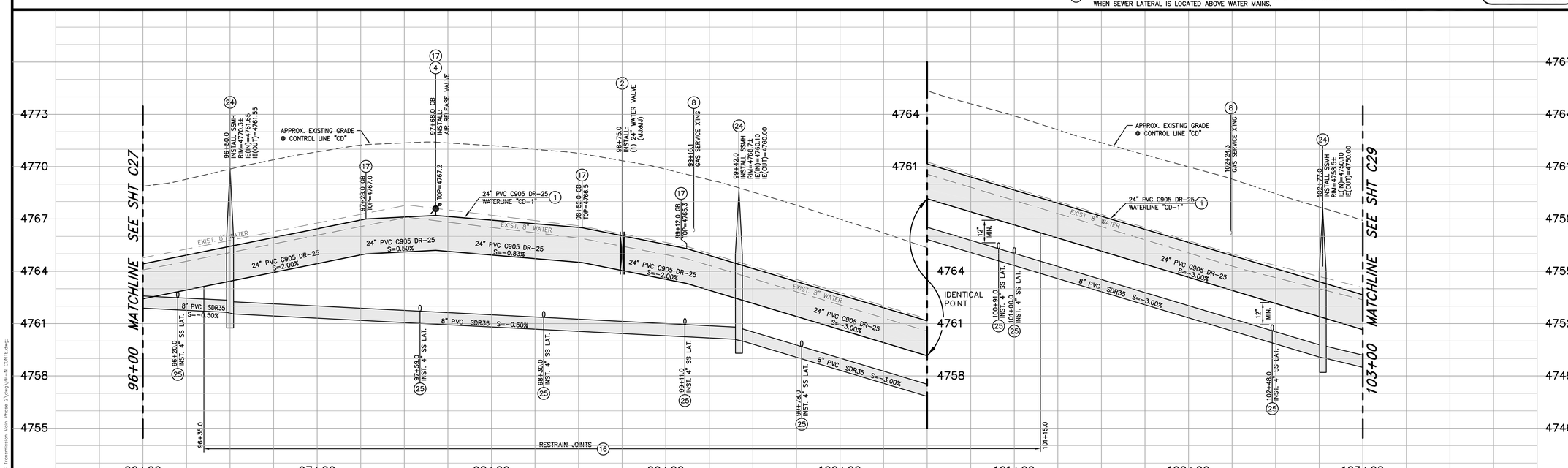
OR
1-800-227-2600



PROFILE – CONTE DRIVE

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n conte.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

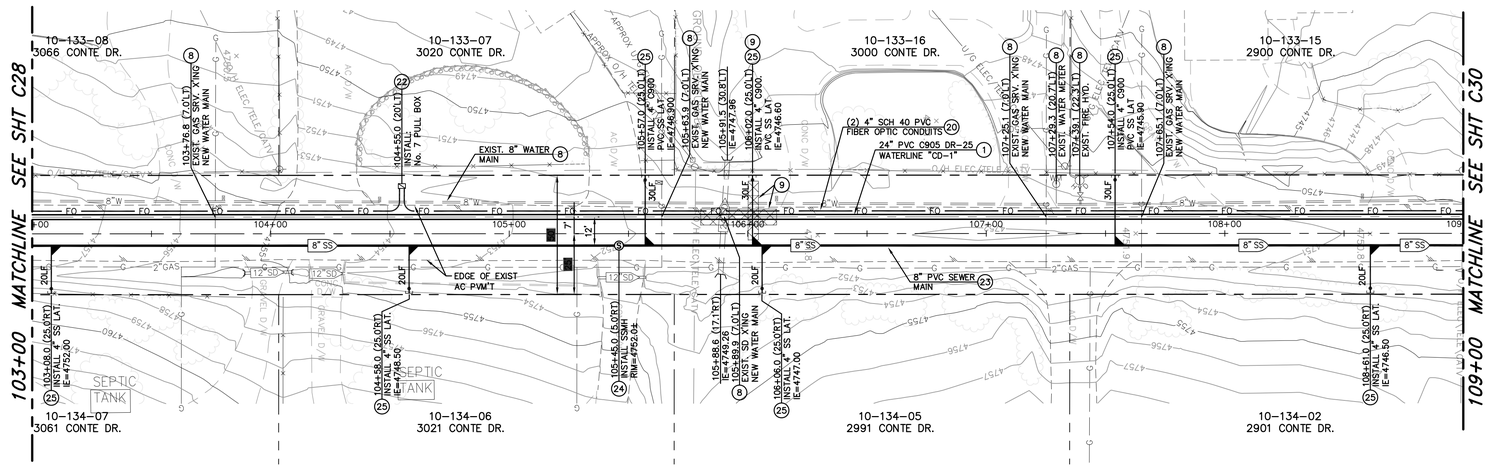
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 96+00 to STA 103+00

SHEET C28 OF 96

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



LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

PLAN – CONTE DRIVE

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.
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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

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

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Avoid cutting underground utility lines. It's costly.
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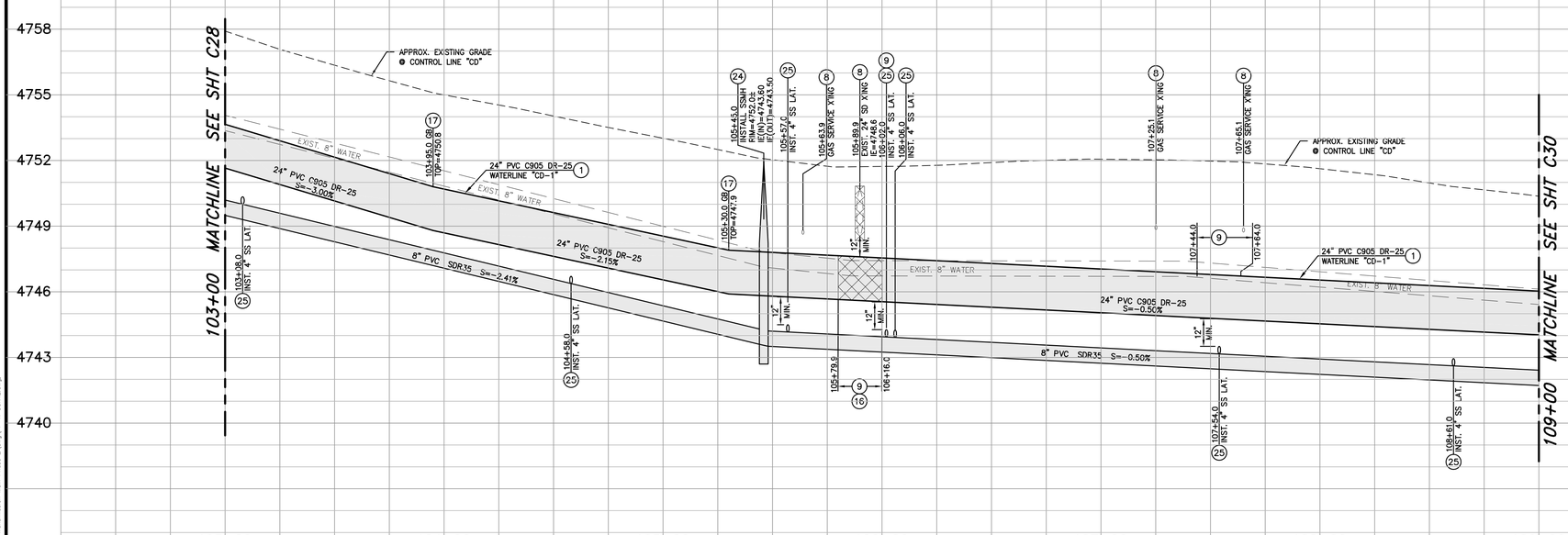

PROFILE – CONTE DRIVE

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

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

CARSON CITY
PUBLIC WORKS DEPARTMENT
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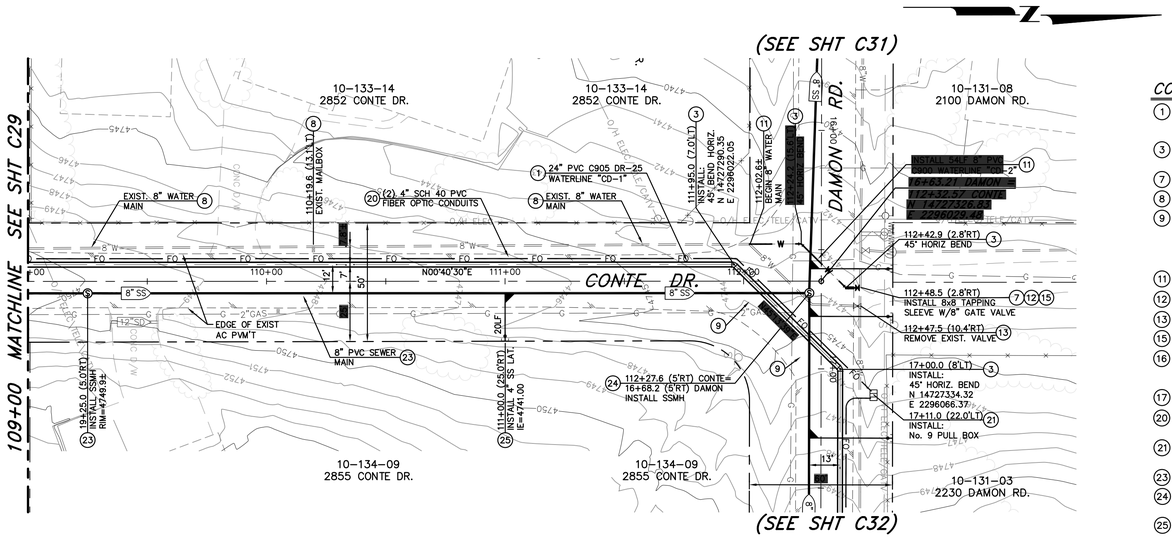
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 103+00 to STA 109+00

SHEET C29 OF 96

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



PLAN – CONTE DRIVE

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.
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.
11. INSTALL PVC C900 CLASS 150 WATER MAIN PER STD. DRAWING C-1.2.1 (SIZE PER PLAN)
12. INSTALL TAPPING SLEEVE PER STD. DRAWINGS C-3.1.1 & C-3.1.3 (SIZE PER PLAN)
13. REMOVE EXISTING 8" WATER VALVE, INSTALL BLIND FLANGE.
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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

SCALE
HORIZ: 1" = 30'

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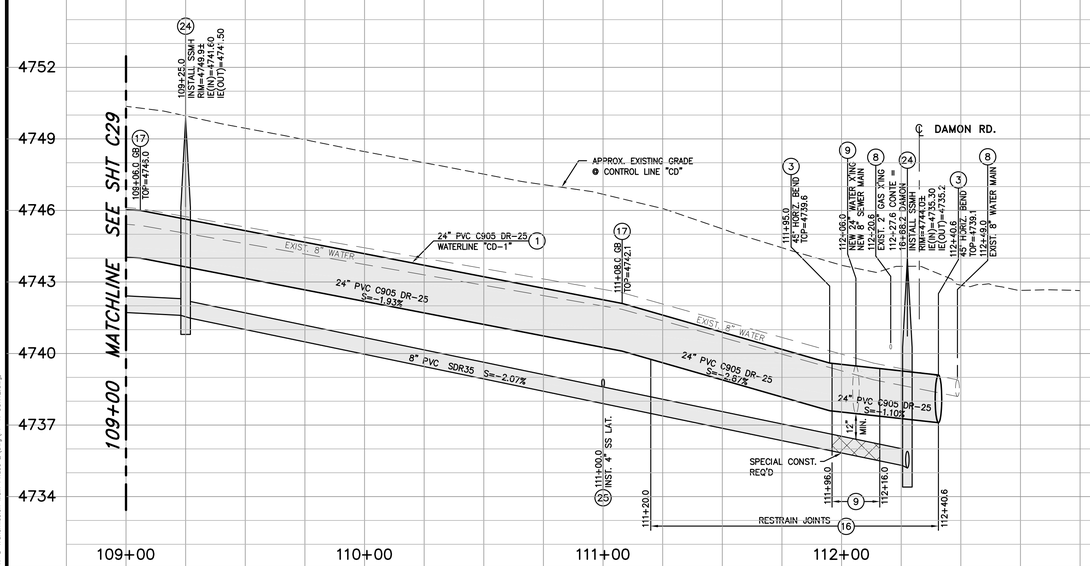
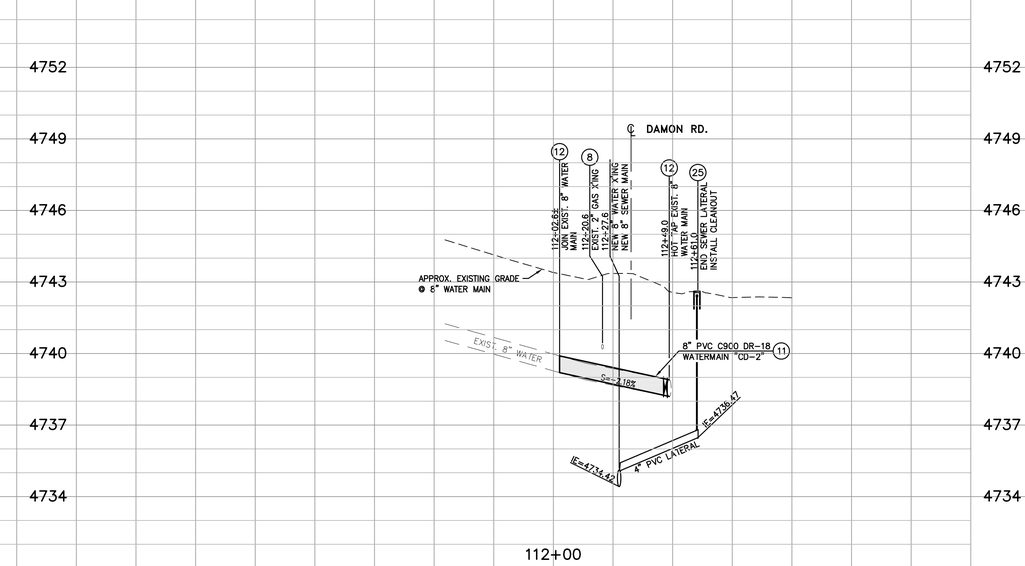
OR
1-800-227-2600



PROFILE – CONTE DR.

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



PROFILE – 8" WATERMAIN "CD-2"

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

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n conte.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

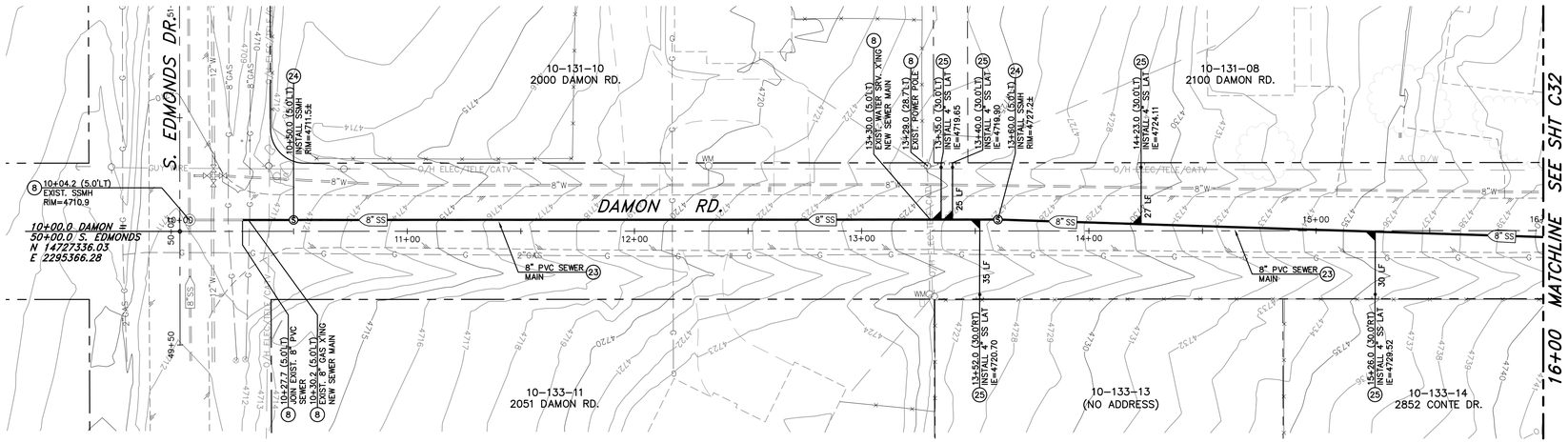
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 109+00 to STA 112+50

SHEET C30 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-n CONTE.dwg



PLAN – DAMON ROAD

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

(8) PROTECT-IN-PLACE

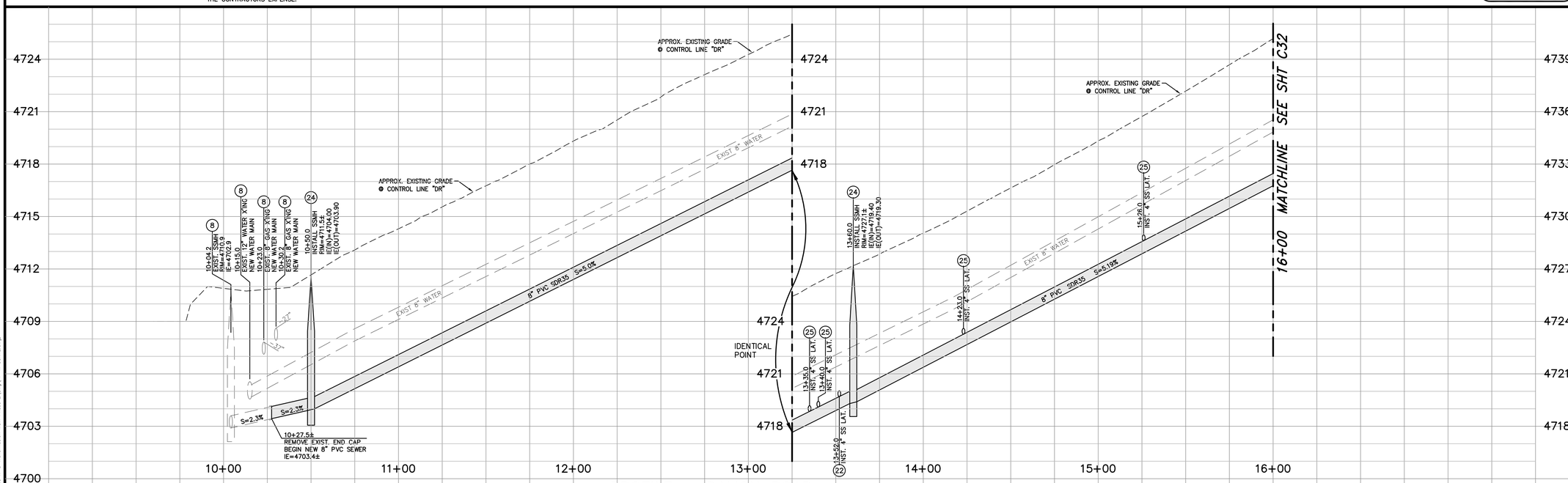
(23) INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1

(24) INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.

(25) INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.



PROFILE – DAMON ROAD

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

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

Call before you Dig
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Call 811
OR
1-800-227-2600

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n. conte.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

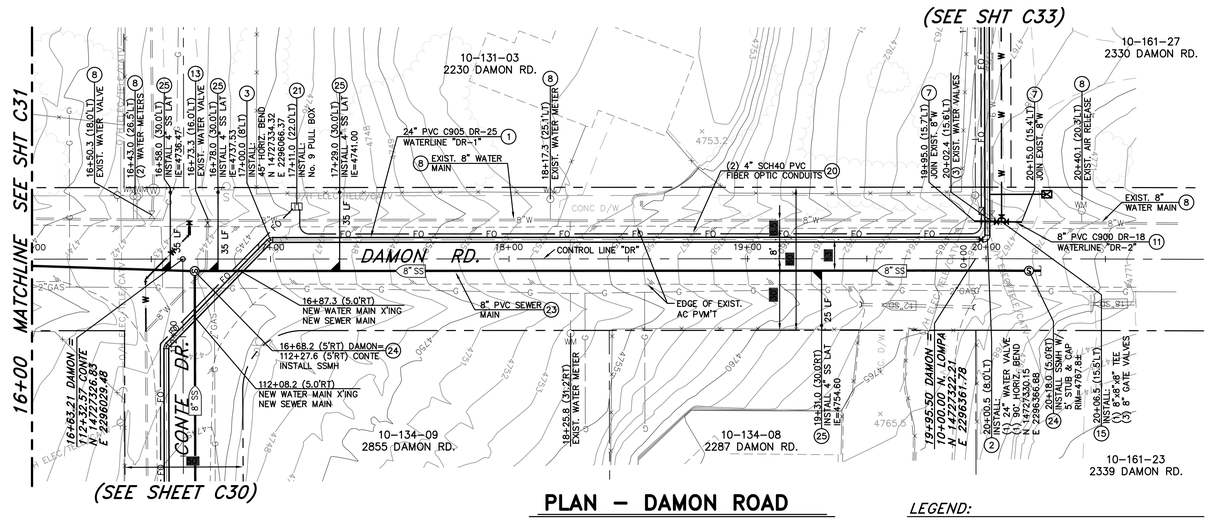
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
DAMON ROAD
PLAN & PROFILE
STA 10+00 to STA 16+00

SHEET C31 OF 96

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



PLAN – DAMON ROAD

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.
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.
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 C3. 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.
11. INSTALL PVC C900 CLASS 150 WATER MAIN PER STD. DRAWING C-1.2.1 (SIZE PER PLAN)
12. INSTALL TAPPING SLEEVE PER STD. DRAWINGS C-3.1.1 & C-3.1.3 (SIZE PER PLAN)
13. REMOVE EXISTING 8" WATER VALVE, INSTALL BLIND FLANGE.
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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

LEGEND:

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

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

SEWER NOTE:

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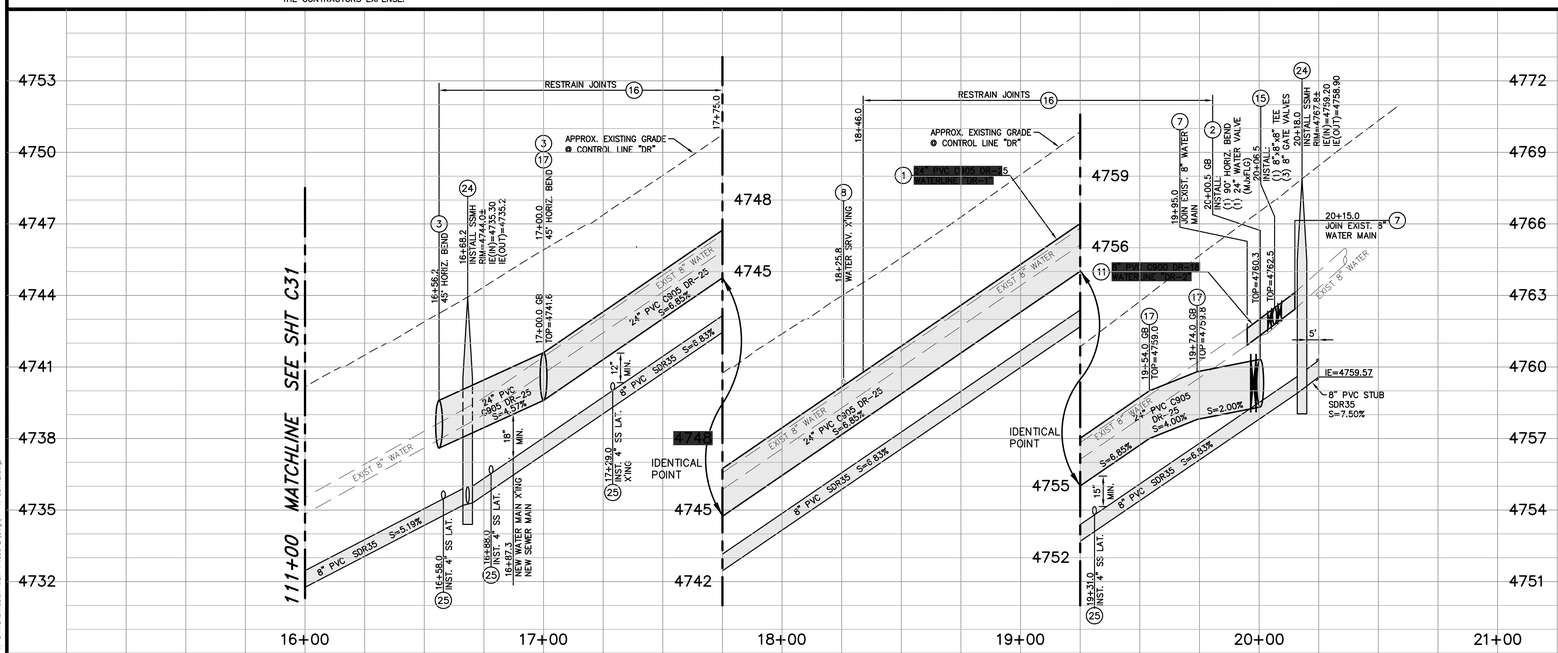

PROFILE – DAMON ROAD

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

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

CARSON CITY
PUBLIC WORKS DEPARTMENT
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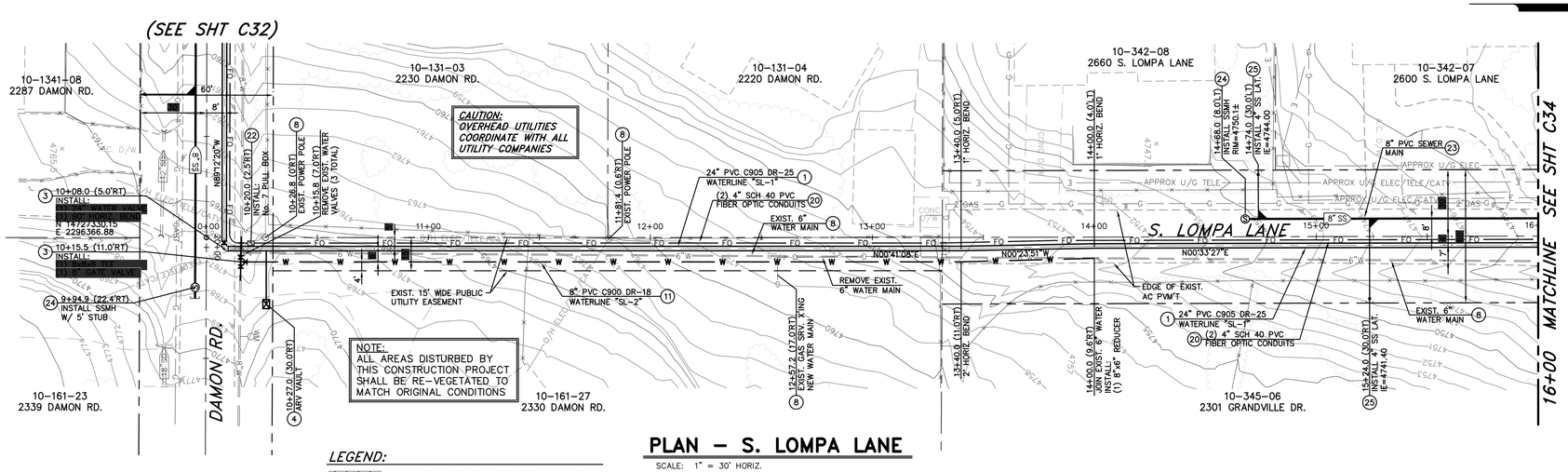
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
DAMON ROAD
PLAN & PROFILE
STA to STA

SHEET C32 OF 96

is:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-N CONTE.dwg



PLAN – S. LOMPA LANE

SCALE: 1" = 30' HORIZ.

LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

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.
11. INSTALL PVC C900 CLASS 150 WATER MAIN PER STD. DRAWING C-1.2.1 (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.
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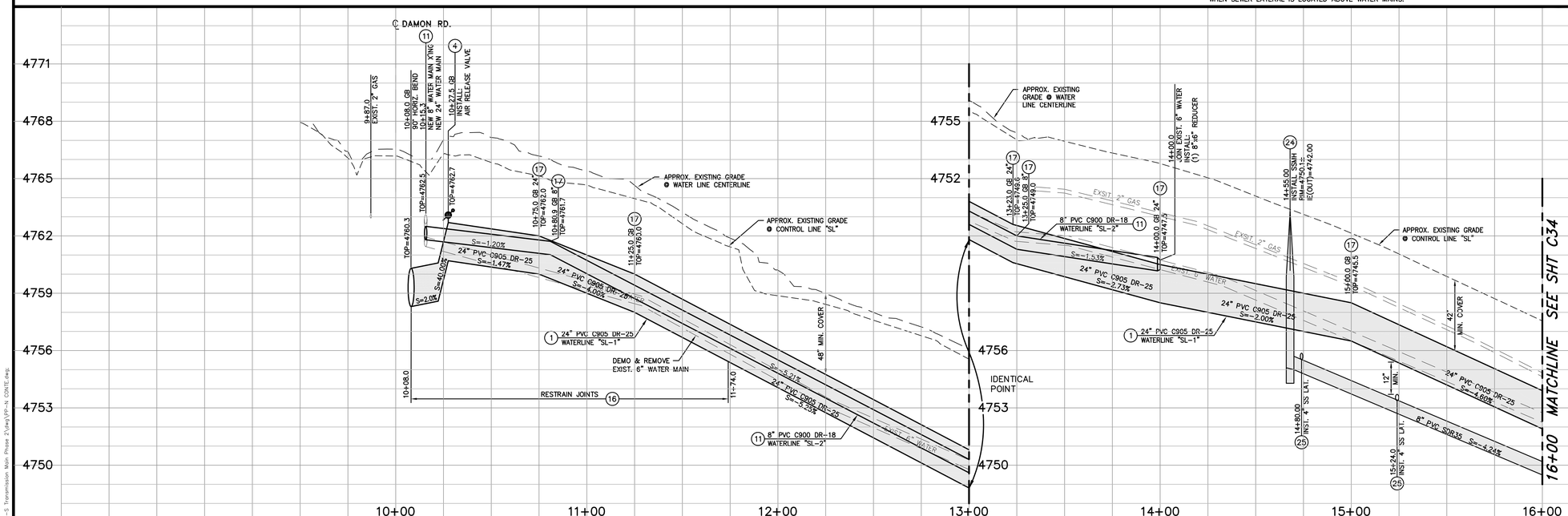
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

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



PROFILE – S. LOMPA LANE

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

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

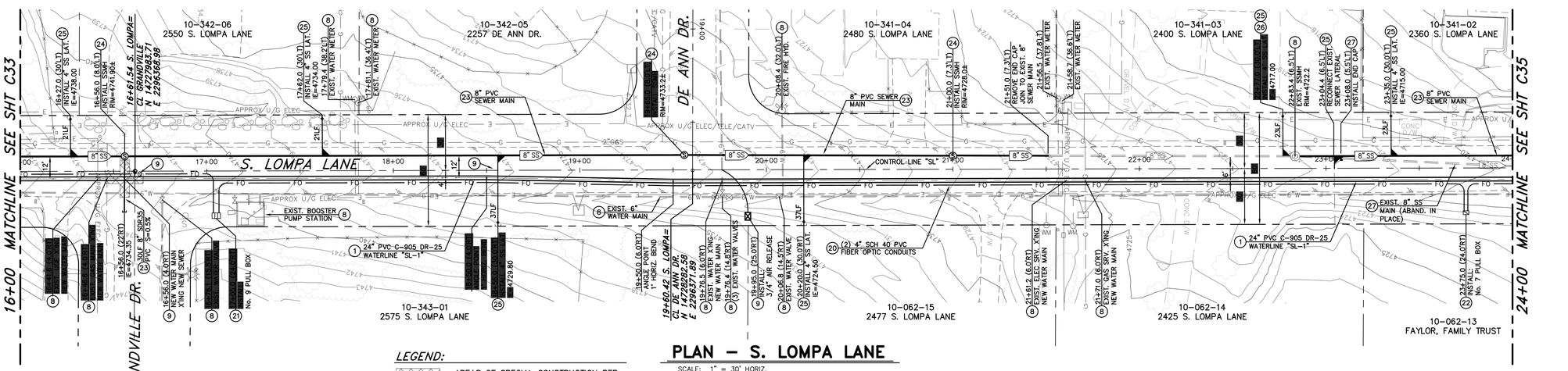
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

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
SOUTH LOMPA LANE
PLAN & PROFILE
STA 10+00 to STA 16+00

SHEET C33 OF 96



LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

PLAN – S. LOMPA LANE

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.
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.
14. INSTALL 3/4" POTABLE WATER AIR RELEASE PER STD. DRAWING C-3.1.10
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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.
26. INSTALL 4" PVC SEWER SERVICE TAP SADDLE PER STD. DRAWING C-2.2.2
27. CUT, CAP AND SLURRY FILL EXISTING SEWER MAIN TO BE ABANDONED IN PLACE.

SCALE
HORIZ: 1" = 30'

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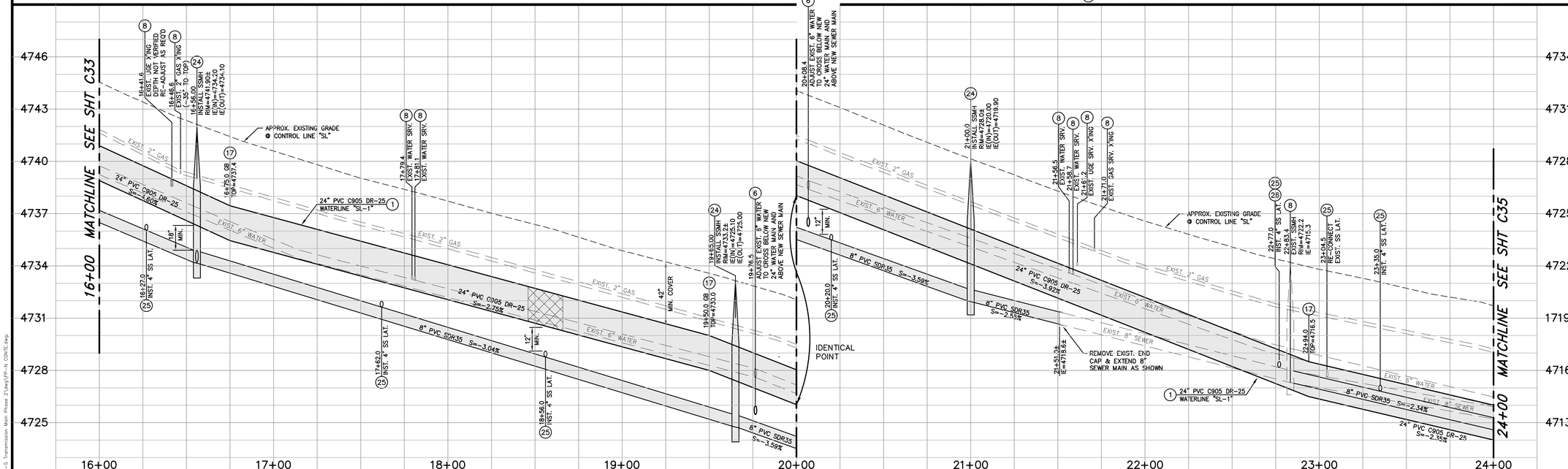

PROFILE – S. LOMPA LANE

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

REV.	DATE	DESCRIPTION	BY	APP'D

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

CARSON CITY
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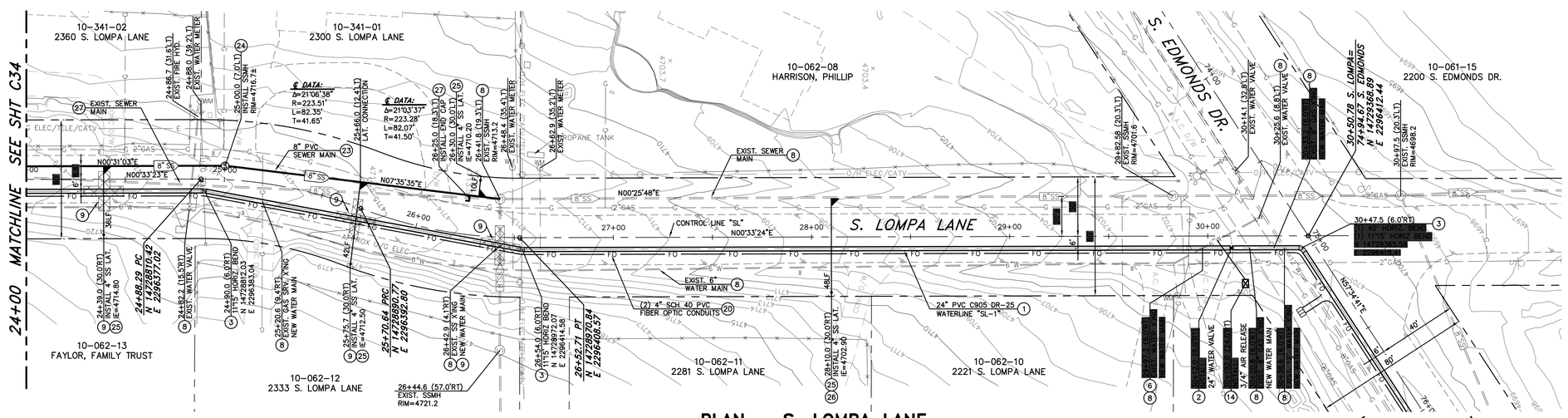
PH: 887-2355 FAX: 887-2112

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

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SOUTH LOMPA LANE
PLAN & PROFILE
STA 16+00 to STA 24+00

SHEET C34 OF 96

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



LEGEND:

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

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

PLAN – S. LOMPA LANE

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.
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.
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.
14. INSTALL 3/4" POTABLE WATER AIR RELEASE PER STD. DRAWING C-3.1.10
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.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.
26. INSTALL 4" PVC SEWER SERVICE TAP SADDLE PER STD. DRAWING C-2.2.2
27. CUT, CAP AND SLURRY FILL EXISTING SEWER MAIN TO BE ABANDONED IN PLACE.

SCALE
HORIZ: 1" = 30'

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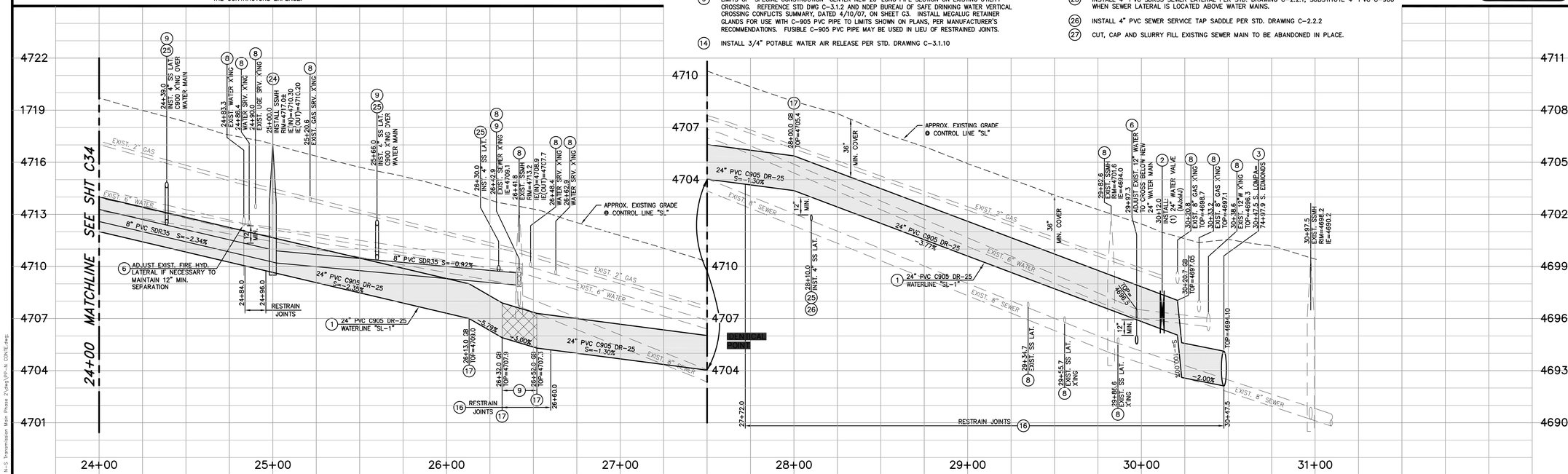

PROFILE – S. LOMPA LANE

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

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

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PUBLIC WORKS DEPARTMENT
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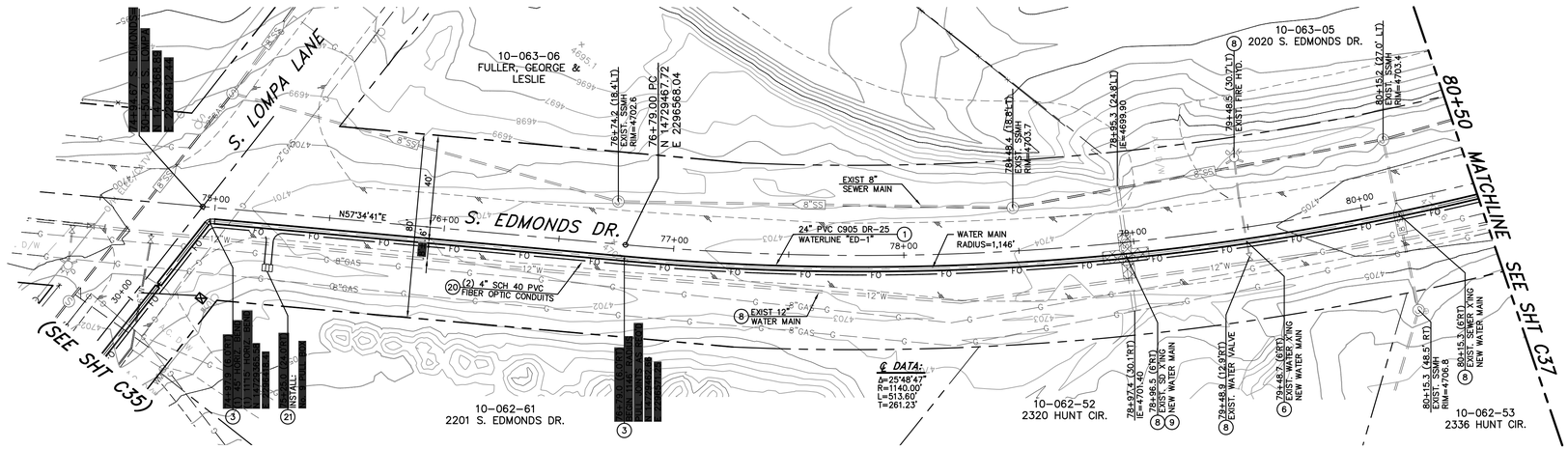
PH: 887-2355 FAX: 887-2112

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
SOUTH LOMPA LANE
PLAN & PROFILE
STA 24+00 to STA 31+00

SHEET C35 OF 96



LEGEND:

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

PLAN – S. EDMONDS DRIVE

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 MANUFACTURER'S RECOMMENDATIONS.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
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.
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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.

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

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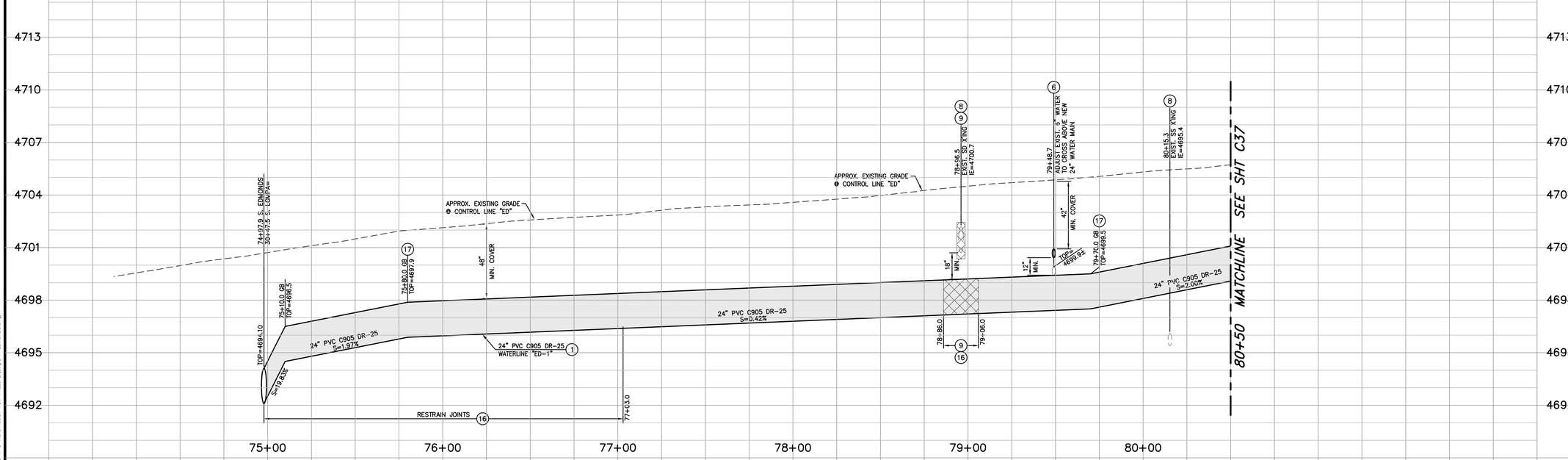

PROFILE – S. EDMONDS DRIVE

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 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
SOUTH EDMONDS DRIVE
PLAN & PROFILE
STA 75+00 to STA 80+50

SHEET C36 OF 96

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