

ADDENDUM #2 NORTH TRUCKEE DRAIN REALIGNMENT PHASE 1 BID #13/14-007 – PWP# WA-2014-011 BIDS DUE NO LATER THAN: 1:45 PM ON NOVEMBER 22, 2013 PUBLIC BID OPENING: 2:00 PM ON NOVEMBER 22, 2013

This addendum is to notify all potential proposers of clarifications made to the Bid documents as stated below.

REVISED BID DUE DATE

The due date for bids has been changed from the original date of November 20, 2013. Bids are now due no later than 1:45PM on November 22, 2013. Bids will be read publicly at 2:00PM on that same date. Please note that the time bids are due is different from the bid opening time.

GEOTECHNICAL REPORT

A copy of the geotechnical report covering the relevant sections of the project area is included as a requested reference document and is available for download from the same site where potential bidders downloaded bid documents and this addendum.

MISCELLANEOUS

Attached is a revised Groundwater Monitoring Data sheet. Bidders shall add the attached sheet to the plans and specifications.

1. Attachment 1 – Kleinfelder Groundwater Monitoring Data, North Truckee Drain – To Boring B-11 a groundwater reading taken on 11/4/2013 was added.

BID ITEM CLARIFICATIONS

The following are the changes made to the Bid Item Clarifications:

- 1. Bid Item 3 Traffic Control
 - a. Modify paragraph 3 to be: This work also consists of any driveway modification, temporary loading ramps, or other related activities or accommodations to provide and preserve access to all businesses and loading docks and to restore said modifications to their pre-construction configuration as directed in the plans.
- 2. Bid Item 14 Construct Sanitary Sewer Lift Station
 - a. Modify paragraph 2 to be: The following items shall be included in the price for this item: structure excavation and backfill (including structural bedding/backfill), ancillary piping, ancillary cables/wiring, pumps, pump controls, electronic/electricity controls, telemetry equipment, vault(s) and wet wells, enclosures, chain link fencing, chain link swing gate, manhole lids, testing, and any other labor or equipment relevant and necessary to provide a complete and properly functioning lift station.
- 3. Bid Item 52 Force Account General (Contingent Item)
 - a. The first sentence was changed to be: A force account of \$500,000 has been established for this project.

SPECIAL PROVISIONS

The following are the changes made to the Special Provisions:

- Section 23: Accommodation for Public Traffic Modify paragraph 2 to be: Per section 100.33.01 MAINTENANCE OF TRAFFIC of the "Standard Specifications for Public Works Construction" Latest Edition, the CONTRACTOR shall maintain access to each business and or property owners on Kleppe Lane, Larkin Circle and Madison Avenue throughout the project duration, including access to loading docks and adequate ingress and egress of trucks and equipment so that shipments and deliveries can be conducted without interruption or interference. In order to accomplish these requirements, CONTRACTOR shall anticipate the following: phasing of the work, building new or modifying existing driveways, flaggers to direct one way traffic, night and weekend work and any other means to accomplish this directive. CONTRACTOR shall coordinate specific access requirements with individual businesses so that size, type and timing of deliveries / exports can be properly accounted for without any disruption to normal business activities. See Section 19 for Working Hour requirements.
- 2. Section 23: Accommodation for Public Traffic Modify paragraph 3 to be: Regarding Parcel 34-171-24, CONTRACTOR shall coordinate with CITY, property owner and individual tenants regarding potential removal and replacement in-kind of two (2) concrete masonry unit trash enclosures if such is necessary to provide sufficient ingress and egress and to provide two (2) temporary portable loading ramps for use during the duration of any disturbance to said parcel. These loading ramps shall have a minimum capacity of 25,000 pounds, minimum service width of 86 inches, and a 10 foot leveling-off area. Two such models are the Duraramp Pro DR-PRO1025 (http://www.duraramp.com/portable-loading-docks/heavy-duty-ramps.php) and the Adapt-a-ramp M35000 (http://www.portablemobileloadingdockramps.com/products-m35000.php); other models and/or constructed ramps meeting the minimum criteria will be considered. Contractor shall obtain approval from CITY and property owner for the specific product proposed and location.

TECHNICAL SPECIFICATIONS

The following are the changes made to the Technical Specifications:

1. Section 314.00 Concrete Roadway Pavements - the following was added:

Add the following to the end of section 314.03.05 – Reinforcement:

A. Dowel and Tie Bars

Tie bars shall be deformed steel bars and conform to the requirements of ASTM A 615, or ASTM A 996, except that rail steel bars, Grade 50 and 60, shall not be used for tie bars that are to be bent or re-straightened during construction. Tie bars designated as Grade 40 in ASTM A 615 can be used for construction requiring bent bars.

Dowel bars shall be plain steel bars conforming to ASTM A 615, or ASTM A996, and shall be free from burring or other deformation restricting slippage in the concrete. High strength dowel bars shall conform to ASTM A 714, Class 2, Type S Grade I, II, or III, Bare Finish. Before delivery to the construction site,

each dowel bar and tie bar shall be painted on all surfaces with one coat of paint conforming to MIL-DTL-24441/20A.SSPC paint 5 or SSPC paint 25. If plastic or epoxy-coated steel dowels and tie bar are used, no paint coating is required, except when specified for a particular situation on the contract plans, Coated dowels shall conform to the requirements given in AASHTO M 254.

B. Dowel Bars

Dowel bars or other load-transfer units of an approved type shall be placed across joints in the manner as shown on the plans. They shall be of the dimensions and spacings as shown and held rigidly in the middle of the slab depth in the proper horizontal and vertical alignment by an approved assembly device to be left permanently in place. Submit the proposed method of using wire basket supports including shop drawings with proposed method of anchoring the baskets for approval. The use of mortar or concrete blocks shall not be used to support dowels or tie bars. The proposed method of establishing the assembly locations on the subgrade shall be submitted for approval as well. The dowel or load-transfer and joint devices shall be rigid enough to permit complete assembly as a unit ready to be lifted and placed into position. The portion of each dowel painted with rust preventative paint, shall be thoroughly coated with asphalt MC-70, or an approved lubricant, to prevent the concrete from bonding to that portion of the dowel. If free-sliding plastic-coated or epoxy-coated steel dowels are used, a lubrication bond breaker shall be used except when approved pullout tests indicate it is not necessary. Where butt-type joints with dowels are designated, the exposed end of the dowel shall be oiled.

Dowel bars and assemblies shall be checked for position and alignment. During the concrete placement operation, it is advisable to place plastic concrete directly on dowel assemblies immediately prior to passage of the paver to help maintain dowel position and alignment within maximum permissible tolerances.

Dowel bar assemblies are not allowed in construction joints. The concrete shall be struck flush and dowels/tie bars shall be placed into holes drilled into the hardened concrete. Holes approximately 1/8 inch to 1/4 inch greater in diameter than the dowel or tie bar shall be drilled with rotary-type core drills that must be held securely in place to drill perpendicularly into the vertical face of the pavement slab. Rotary-type percussion drills may be used provided that spalling of concrete docs not occur. Any damage of the concrete shall be repaired by the Contractor in a method approved by the Engineer. Dowels or tie bars shall be bonded in the drilled holes using an epoxy resin material. Installation procedures shall be adequate to ensure that the area around dowels is completely filled with epoxy grout. Clean drilled holes with oilfree compressed air. Epoxy shall be injected into the back of the hole and displaced by the insertion of the dowel bar. Bars shall be completely inserted into the hole and shall not be withdrawn and reinserted creating air pockets in the epoxy around the bar. The Contractor shall furnish a template for checking the position and alignment of the dowels.

 Section 334.03.1 Concrete Wet Well - Subsection b was modified to the following: Base Section: 8-inch minimum thickness for floor slab and 7-inch minimum thickness for walls.

DRAWINGS

Attached are revisions to Drawings and new Drawing sheets. Bidders shall remove or hand modify the original Drawings with the revisions shown below. The following are the changes made to the Drawings:

- 1. Sheet G-3 Note 13 Note is no longer applicable and was deleted.
- 2. Sheet HC -1 Crown Curve Table was added to the bottom center of the sheet.
- 3. Sheet HC 3 Crown line and callout were added to the sheet.
- 4. Sheet HC-4 Stationing was changed at eight station and offset callouts at the following offsets:

- a. "G" 16+20.00 was changed to "G" 16+22.25 at 48.20' LT and RT and 44.60' LT and 45.40' RT
- b. "G" 13+78.00 was changed to "G" 13+82.25 at 48.20' LT and RT and 44.60' LT and 45.40' RT
- 5. Sheet D-2 Station and offsets were changed at six locations:
 - a. "G" 16+20.00 was changed to "G" 16+22.25 at LT and RT
 - b. "G" 13+78.00 was changed to "G" 13+82.25 at LT and RT
 - c. "G" 10+97.47 104.98' RT was changed to "G" 10+98.84 127.81' RT
 - d. "G" 10+47.79 112.79' RT was changed to "G" 10+49.93 127.73' RT
- 6. Sheet C-5 Top of grate elevations for drop inlets updated throughout the sheet.
- 7. Sheet C-9 All notes, contours, elevation callouts and hatching limits for the PCC paving on Greg Street, including the intersection with Larkin Circle, were changed.
- 8. Sheet C-10 Sheet is no longer applicable
- 9. Sheet C-12 Sheet was changed in its entirety.
- 10. Sheet C-13 Sheet was changed in its entirety.
- 11. Sheet C-14 Sheet was changed in its entirety.
- 12. Sheet C-15 Sheet was changed in its entirety.
- 13. Sheet ST-1
 - a. Notes and dimensions were changed throughout the sheet.
 - b. Note 11 was added.
- 14. Sheet ST-2 Note 11 was added
- 15. Sheet XS-1 Remove the one "4" CTB" callout from the one drawing under the section titled: LARKIN CIRCLE – TYPICAL SECTION. Replace with the following note: "8" TYPE 2 CLASS B AGGREGATE BASE".
- 16. Sheet XS-2 Sheet was changed in its entirety.
- 17. Sheet DT-5 Remove the two "Note 11" callouts from the two drawings under the section titled: RCB INSTALLATION SECTIONS
- 18. Sheet DT-6 The Portland Cement Concrete details (top half of the sheet) were all removed and replaced.
- 19. Sheet DT-7 The lower middle detail titled "Loop Detector Notes, Layout and Details" was added.
- 20. Sheet U-3 In the upper middle and upper right details, sanitary sewer lift station enclosure fencing was highlighted.
- 21. Sheet U-4 In the lower left detail, sanitary sewer lift station enclosure fencing was highlighted and notes were added.
- 22. Sheet E.1 (NV Energy Electric Sheet 1 of 2) Sheet was changed in its entirety.

Please note and adjust your bid according to the revisions, additions, deletions, clarifications or modifications as presented on this Addendum #2, which are made a part of this bid. NOTE: To avoid disqualification, this Addendum 2 (and any other addenda) must be signed by an authorized representative of the bidding firm in the space provided and must be submitted with your firm's sealed proposal (not later than 1:45 pm on November 22, 2013). Failure to return this addendum, duly signed, may be cause for rejection of the bid. ALL ADDENDA SHOULD BE SIGNED AND PLACED IN SEQUENTIAL ORDER AND ATTACHED TO THE FRONT OF THE BID PACKAGE, COMPLETE WITH ALL REQUIRED DOCUMENTS.

CONTRACTOR BUSINESS NAME

Dan Marran, C.P.M., CPPO Contracts and Risk Manager

X_____

Authorized Signature

November 15, 2013

Printed Name of Person Signing



	Elevation of		Depth to	Elevation of
Boring	Boring	Date	Groundwater	Groundwater
B-03	4395.3	4/8/2009	19.0	4376.3
B-03	4395.3	6/18/2009	13.9	4381.4
B-03	4395.3	7/20/2009	14.1	4381.2
B-03	4395.3	11/10/2009	13.8	4381.5
B-03	4395.3	3/9/2010	13.3	4382.0
B-07	4398.2	7/2/2009	17.3	4380.9
B-07	4398.2	7/20/2009	17.8	4380.4
B-07	4398.2	11/10/2009	17.5	4380.7
B-07	4398.2	3/9/2010	17.0	4381.2
B-11	4389.9	4/8/2009	14.5	4375.4
B-11	4389.9	6/18/2009	12.3	4377.6
B-11	4389.9	7/20/2009	13.2	4376.7
B-11	4389.9	11/10/2009	13.6	4376.3
B-11	4389.9	3/9/2010	13.3	4376.6
B-11	4389.9	11/4/2013	13.4	4376.5

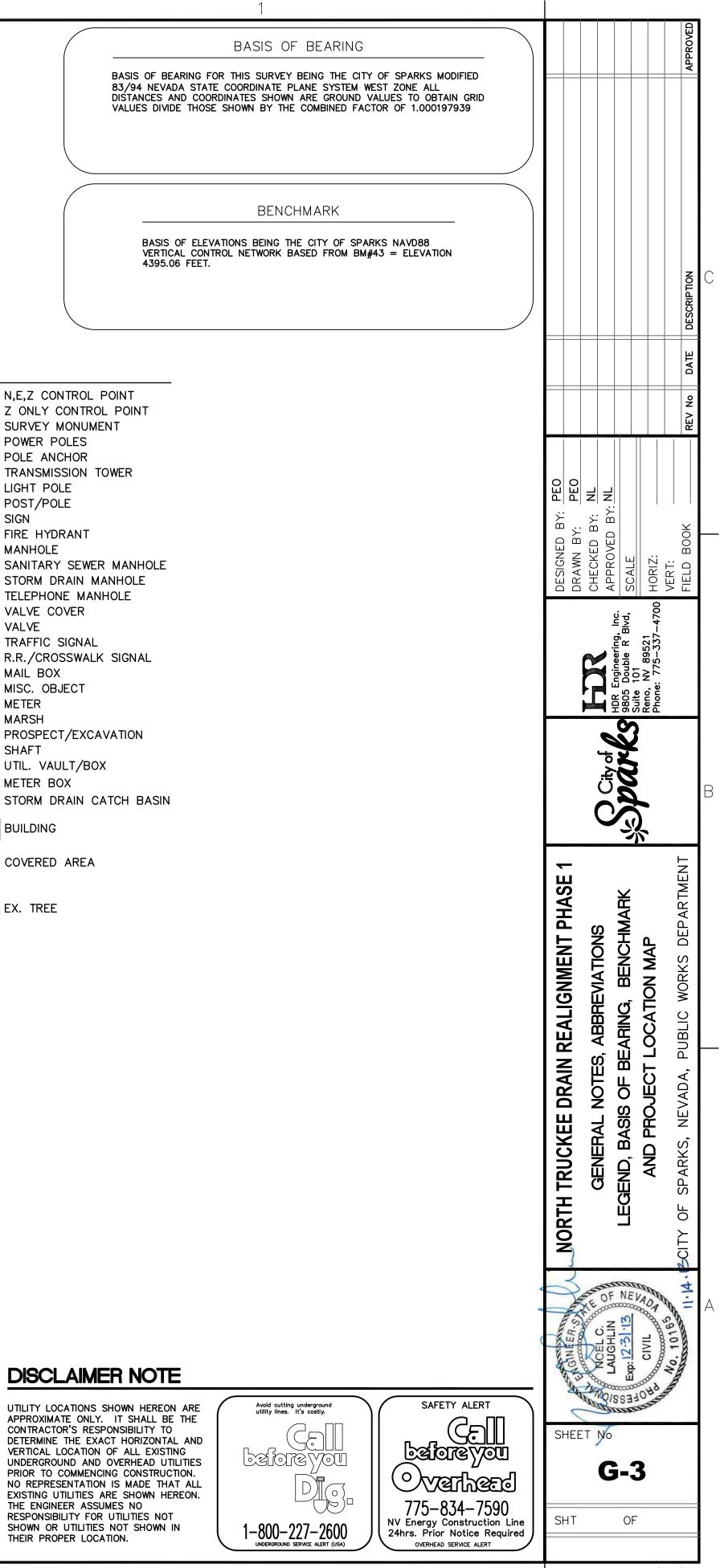
Attachment 1: Kleinfelder Groundwater Monitoring Data, North Truckee Drain

	GENERAL NOTES
	1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE CONTRACT DOCUMENTS.
	2. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
	3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS. THE DUTIES OF THE PROJECT COORDINATOR DO NOT INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY IN, ON, OR NEAR THE CONSTRUCTION SITE.
	4. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE PROJECT COORDINATOR FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
	5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONAL OR UNTIL COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION.
	6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE CONVEYANCE OF STORM RUNOFF AND NORMAL BASE FLOWS THROUGH THE SITE DURING CONSTRUCTION. THE SWPPP PRODUCED BY THE CONTRACTOR WILL DESCRIBE HOW OFF SITE FLOWS WILL BE HANDLED DURING CONSTRUCTION.
	7. THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED OR RECONSTRUCTED TO THE OWNER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.
	8. IN AREAS WHERE TREES MAY BE IMPACTED OR ARE INTERFERING WITH CURB/GUTTER AND/OR SIDEWALK AND DRIVEWAY APRONS, THE CONTRACTOR SHALL SCHEDULE ALL WORK REQUIRED TO REMOVE TREES AND BUILD IMPROVEMENTS WITH THE CITY OF SPARKS PARKS MAINTENANCE AT 353-2369 WITH AT LEAST A THREE (3) DAY ADVANCE NOTICE. THE CONTRACTOR SHALL EMPLOY AN ISA CERTIFIED ARBORIST TO TRIM TREE ROOTS PER THE INSTRUCTION OF THE CITY OF SPARKS PARKS DEPARTMENT.
	9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE OFF-SITE DISPOSAL OF ALL BITUMINOUS PAVEMENTS, PORTLAND CEMENT CONCRETE AND REINFORCING STEEL, AND SPOILS.
	10. THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS IS BASED ON THE BEST INFORMATION AVAILABLE TO THE PROJECT COORDINATOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE LOCATIONS PRIOR TO BEGINNING CONSTRUCTION. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITION EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE PROJECT COORDINATOR BEFORE PROCEEDING WITH CONSTRUCTION.
	11. THE CONTRACTOR SHALL CALL 1-800-227-2600 FOR UTILITY LOCATIONS AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.
	12. THE CONTRACTOR SHALL HAVE THE EXISTING UNDERGROUND UTILITIES LOCATED IN THE CONSTRUCTION AREA. UNDERGROUND UTILITIES DAMAGED BY THE CONTRACTOR DUE TO NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
	13. NOT USED
	14. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH BUSINESSES ADJACENT TO LARKIN CIRCLE DURING DISRUPTION OF TRAFFIC CAUSED BY CONSTRUCTION ACTIVITIES WITHIN LARKIN CIRCLE.
	15. THE ENERGY GRADE LINE (EGL) AND HYDRAULIC GRADE LINE (HGL) SHOWN ON THE PROFILES FOR THE MAIN RCB REPRESENT THE COMPUTED LEVELS ASSOCIATED WITH A CONCURRENT 117-YEAR STORM EVENT FOR THE TRUCKEE RIVER AND THE NORTH TRUCKEE DRAIN WATERSHEDS. IN THIS SCENARIO, THE TAILWATER FROM THE TRUCKEE RIVER DICTATES THE MOST CONSERVATIVE HYDRAULIC CONDITION FOR THE NTD SYSTEM. THE HGL AND EGL SHOWN FOR THE PARALLEL AND LATERAL STORM DRAIN ARE BASED ON A LOCALIZED 100-YEAR STORM EVENT WITH FULL FLOW AT THE OUTLET.
	117 Year
	Event
	North Truckee Drain at Outfall 1,400 cfs Truckee River at NTD Outfall 24,870 cfs
	16. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION DEWATERING AND OBTAINING THE PERMITS NECESSARY TO DISCHARGE THE WATER GENERATED BY THE OPERATION.
	17. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND CLEARANCES FOR STAGING AREAS, BORROW SITES, WASTE DISPOSAL SITES, AND ALL MATERIAL PROCESSING SITES. THE CONTRACTOR SHALL PROVIDE THE REQUIRED PERMITS AND CLEARANCES TO THE PROJECT COORDINATOR AT THE PRECONSTRUCTION MEETING.
	18. THE WASTE DISPOSAL SITE(S) SHALL NOT BE LOCATED IN A WETLAND, WITHIN 200 FEET OF SURFACE WATER, OR IN AN AREA THAT ADVERSELY AFFECTS WILDLIFE, RECREATION, AESTHETIC VALUE OF AN AREA, OR ANY THREATENED OR ENDANGERED SPECIES, AS APPROVED BY THE PROJECT COORDINATOR AND THE CITY OF SPARKS.
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- 19. ALL COSTS ASSOCIATED WITH FURNISHING WASTE DISPOSAL SITE(S), DISPOSING OF WASTE, MAINTAINING CONTROL OF ACCESS (FENCE, GATES, AND SIGNS), AND RECLAMATION OF THE WASTE DISPOSAL SITE(S) SHALL BE INCIDENTAL TO THE VARIOUS CONTRACT ÌTEMS.
- 20. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE, WITH A COPY TO THE CITY OF SPARKS AND THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP), 30 DAYS PRIOR TO THE START OF WORK. IN ADDITION, THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO THE PROJECT COORDINATOR 7 DAYS PRIOR TO THE COMMENCEMENT OF THE WORK SO THE PROJECT COORDINATOR MAY NOTIFY NDEP OF THE DAY WORK WILL START.
- 21. THE CONTRACTOR SHALL GIVE NOTICE TO THE PROJECT COORDINATOR WHEN CONTAMINATED SOIL IS ENCOUNTERED ON THE PROJECT. THE PROJECT COORDINATOR WILL CONTACT THE CITY SO THEY CAN CONTACT THE NDEP TO INSPECT AND MONITOR REMOVAL OF ANY CONTAMINATED SOIL.

EXISTING FEATURES LEGEND PROPOSED FEATURES LEGEND INDEX CONTOUR △ N,E,Z CONTROL POINT Fø TEE WITH GATE VALVE APPROXIMATE INDEX ○ Z ONLY CONTROL POINT SURVEY MONUMENT INDEX DEPRESSION CHECK VALVE (SHADED IF EXISTING) INTERMEDIATE CONTOUR ♦ ● POWER POLES APPROXIMATE INTERMEDIATE POLE ANCHOR TRANSMISSION TOWER INTERMEDIATE DEPRESSION FIRE HYDRANT ASSEMBLY EDGE OF PAVEMENT • IIGHT POLE DIRT ROAD  $\overline{}$ 45° ELBOW, FLANGED JEEP/FOOT TRAIL 🚽 SIGN CURB LINE THE HYDRANT 90° FLANGED ELBOW GUTTER/CONCRETE EDGE MANHOLE GUARD-RAIL SANITARY SEWER MANHOLE AIR/VAC RAILROAD © STORM DRAIN MANHOLE FENCE TELEPHONE MANHOLE THRUST BLOCK RETAINING WALL → VALVE COVER FENCE ON RW 🛱 🕅 VALVE CAP/PLUG BLOCK WALL 🛛 🖛 TRAFFIC SIGNAL MEDIAN WALL a a R.R./CROSSWALK SIGNAL BACKFLOW PREVENTER STONE WALL MAIL BOX WATER METER TRENCH/STOPE MISC. OBJECT TAILINGS/TOE SLEEVE COUPLING METER WATER EDGE MARSH MANHOLE INTERMITTENT DRAINAGE PROSPECT/EXCAVATION DITCH CONSTRUCTION EASEMENT SHAFT MISCELLANEOUS BOUNDARIES ----- PERMANENT EASEMENT 🖳 🖩 UTIL. VAULT/BOX ------ CENTERLINE TREELINE METER BOX CHANNEL/SLOPE BRUSHLINE STORM DRAIN CATCH BASIN MAJOR CONTOUR SANITARY SEWER MINOR CONTOUR STORM DRAIN BUILDING ------ STORM DRAIN RCP WATER ——— STORM DRAIN RCB IRRIGATION WATER — IRR — IRR — — COVERED AREA GRADE LINE UNDERGROUND ELECTRIC ------ FENCE LINE OVERHEAD UTILITY -//- SAWCUT LINE EX. TREE OVERHEAD SIGNAL  $\equiv$  CURB AND GUTTER - OHP/CATV----- OVERHEAD POWER/TV CABLE ACCESS ROAD DAYLIGHT LINE GAS _____ G _____ EDGE OF PAVEMENT PROPERTY/RIGHT-OF-WAY LINE VAULT TRUCKEE 101 יוושוושוגב-בווושוושרגבבווושוושרגבבי LARKIN CIR. ocation Map THE ENGINEER ASSUMES NO THEIR PROPER LOCATION.



"NTD",	"LC" AND	"G" LINE TABLE
LINE	LENGTH	BEARING
L1	248.29'	S17°15'41"W
L2	172.50'	S72°44'26"E
L3	351.89'	S62°40'00"E
L4	1234.66'	S62°40'00"E
L5	1022.47'	N62°40'00"W
L14	739.50'	S17°10'03"W
L15	549.50'	S17°15'33"W

BACK OF CURB LINE TABLE							
LINE	LENGTH	BEARING					
L6	22.83'	N62°27'08"W					
L7	37.16'	S27°55'16"W					
L11	10.33'	N27°20'00"E					
L12	7.00'	S62°40'00"E					
L13	7.48'	S62°40'00"E					

CENTERLINE VALLEY GUTTER LINE TABLE								
LINE	LENGTH	BEARING						
L8	158.43'	S62°40'00"E						
L9	182.34'	N21°28'21"E						
L10	5.76'	N63°06'05"W						

CENTERLINE	e sanitary	SEWER LINE TABLE
LINE	LENGTH	BEARING
L16	247.51'	S62°40'00"E
L17	156.34'	S62°40'00"E
L18	215.29'	S62°40'00"E
L19	88.34'	S27°20'00"W
L20	4.57'	S17°40'00"E
L21	64.84'	S62°40'00"E

EDGE	OF PAVEME	NT LINE TABLE
LINE	LENGTH	BEARING
L22	18.37'	S62°40'00"E
L23	18.81'	S62°40'00"E
L24	403.65'	N62°40'00"W
L25	353.03'	S20°02'11"W
L26	5.31'	S63°06'05"E
L27	22.91'	S27°20'00"W

CROWN LINE TABLE								
LINE	LENGTH	BEARING						
L28	25.11'	N02°10'00"E						
L29	713.10'	N17°10'03"E						
L30	25.02'	N40°05'53"E						

"NTD" AND "G" CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING	
C1	157.08'	100.00'	90°00'07"	141.42'	S27°44'23"E	
C2	17.58'	100.00'	10°04'26"	17.56'	N67°42'13"W	
C3	43.07'	100.00'	24°40'42"	42.74'	S75°00'21"E	
C4	43.07'	100.00'	24°40'43"	42.74'	N75°00'21"W	
C13	681.82'	486.71'	80°15'53"	62 <mark>7.42'</mark>	N57°17'59"E	

r						
BACK OF CURB CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING	
C5	49.56'	53.50'	53°04'53"	47.81'	S02°56'52"W	
C6	20.78'	7.50'	158°46'56"	14.74'	N55°47'54"E	
C7	19.06'	8.00'	136°28'47"	14.86'	S09°18'26"W	
C8	12.57'	8.00'	90°02'47"	11.32'	S17°25'44"E	
C11	11.00'	3.50'	180°00'00"	7.00'	S62°40'00"E	
C12	22.88'	15.00'	87°23'24"	20.72 <b>'</b>	S73°41'07"W	

CENTERLINE VALLEY GUTTER CURVE TABLE						
					CHORD	
CURVE	LENGTH	RADIUS	DELTA	CHORD	BEARING	
C9	133.38'	631.35'	12°06'15"	133.13'	S27°31'29"W	
C10	50.62'	30.00'	96°40'41"	44.83'	S14°45'44"E	

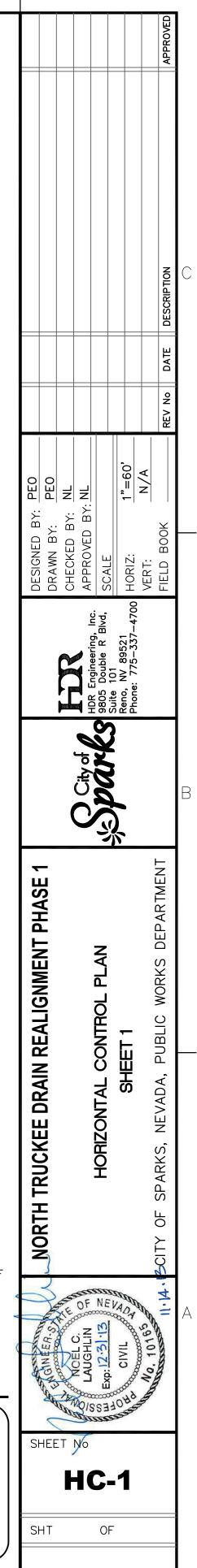
EDGE OF PAVEMENT CURVE TABLE						
CHORD					CHORD	
CURVE	LENGTH	RADIUS	DELTA	CHORD	BEARING	
C14	79.81'	55.00'	83°08'17"	72.99'	S21°31'57"E	

CROWN CURVE TABLE						
CHORD CURVE LENGTH RADIUS DELTA CHORD BEARING						
		NADIU3	DLLIA		DLANING	
C15	55.64'	493.21'	6°27'50"	55.61'	S20°23'58"W	

	BIGBY AND	ASSOC. CONTRO	L POINTS T	ABLE
PNT. NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
87	14865227.4300	2311187.1710	4396.99'	5/8 REBAR W B&A CAP
89	14865571.7300	2311526.3510	4396.85'	5/8 REBAR W B&A CAP
93	14867829.2400	2307130.0450	4395.18'	5/8 REBAR W B&A CAP
95	14867787.1600	2307385.5760	4394.49'	5/8 REBAR W B&A CAP
97	14867669.8900	2307859.1420	4395.93'	5/8 REBAR W B&A CAP
108	14865647.8000	2309302.4900	4392.67'	PK NAIL W SHINER
112	14866876.2700	2308779.9500	4395.83'	PK NAIL W SHINER
415	14868283.7200	2306650.4700	4394.40'	5/8 REBAR W B&A CAP
417	14868138.2800	2306556.5100	4395.73'	5/8 REBAR W B&A CAP
418	14868089.2800	2306737.4900	4398.15'	PK NAIL W SHINER
1000	14865601.2400	2311248.4030	4389.51'	5/8 REBAR W B&A CAP
1001	14866039.2700	2310474.7350	4389.94'	5/8 REBAR W B&A CAP
1002	14866243.7500	2309751.0200	4406.69'	5/8 REBAR W B&A CAP
1003	14866817.2600	2309827.6500	4425.36'	5/8 REBAR W B&A CAP
1004	14867121.1500	2308176.9640	4398.71'	5/8 REBAR W B&A CAP
1005	14867347.9000	2307307.4890	4387.55'	5/8 REBAR W B&A CAP
1006	14867548.7600	2307355.4500	4397.63'	5/8 REBAR W B&A CAP
1007	14867556.8700	2306602.6500	4388.62'	5/8 REBAR W B&A CAP
1008	14867453.3300	2306584.8700	4391.67'	5/8 REBAR W B&A CAP
2015	14868155.7600	2307046.0400	4395.06'	BM-43
2038	14865253.5700	2310909.3060	4389.55'	GPS-2046

# DISCLAIMER NOTE

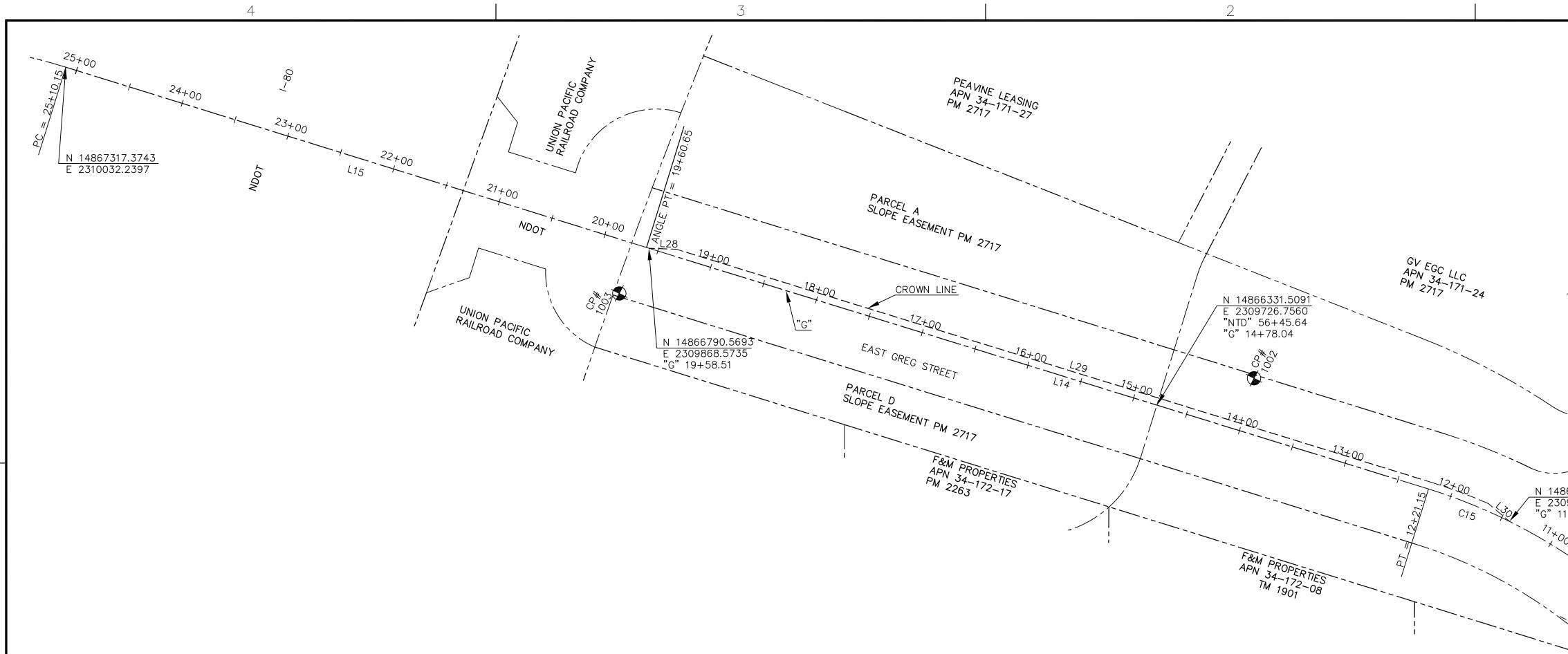
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



BENCHMARK AND BASIS OF BEARING BASIS OF ELEVATIONS BEING THE CITY OF SPARKS NAVD88 VERTICAL CONTROL NETWORK BASED FROM BM#43 = ELEVATION 4395.06 FEET.

BASIS OF BEARING FOR THIS SURVEY BEING THE CITY OF SPARKS MODIFIED 83/94 NEVADA STATE COORDINATE PLANE SYSTEM WEST ZONE ALL DISTANCES AND COORDINATES SHOWN ARE GROUND VALUES TO OBTAIN GRID VALUES DIVIDE THOSE SHOWN BY THE COMBINED FACTOR OF 1.000197939





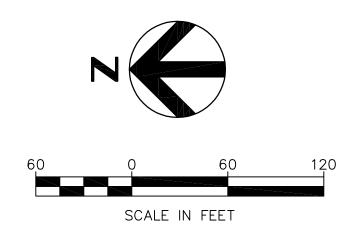
BENCHMARK AND BASIS OF BEARING

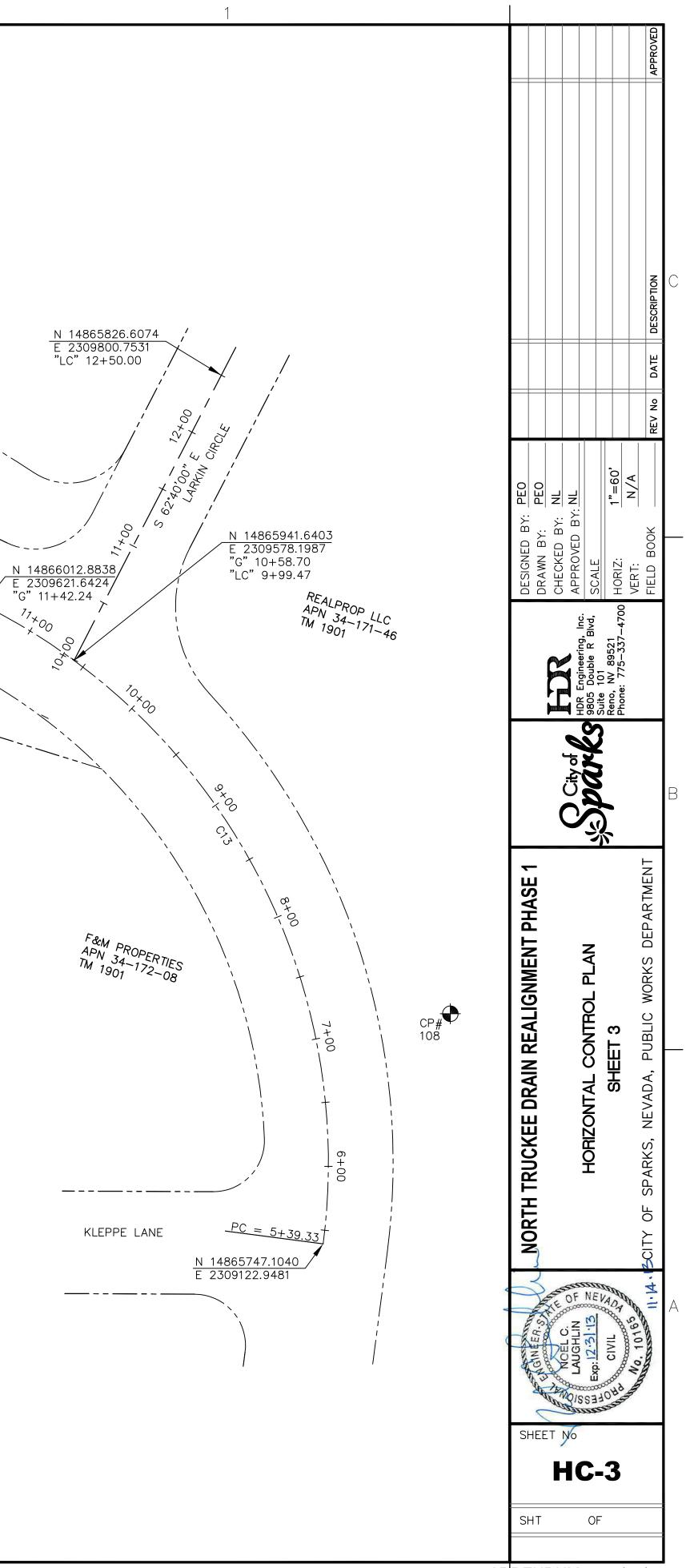
BASIS OF ELEVATIONS BEING THE CITY OF SPARKS NAVD88 VERTICAL CONTROL NETWORK BASED FROM BM#43 = ELEVATION 4395.06 FEET.

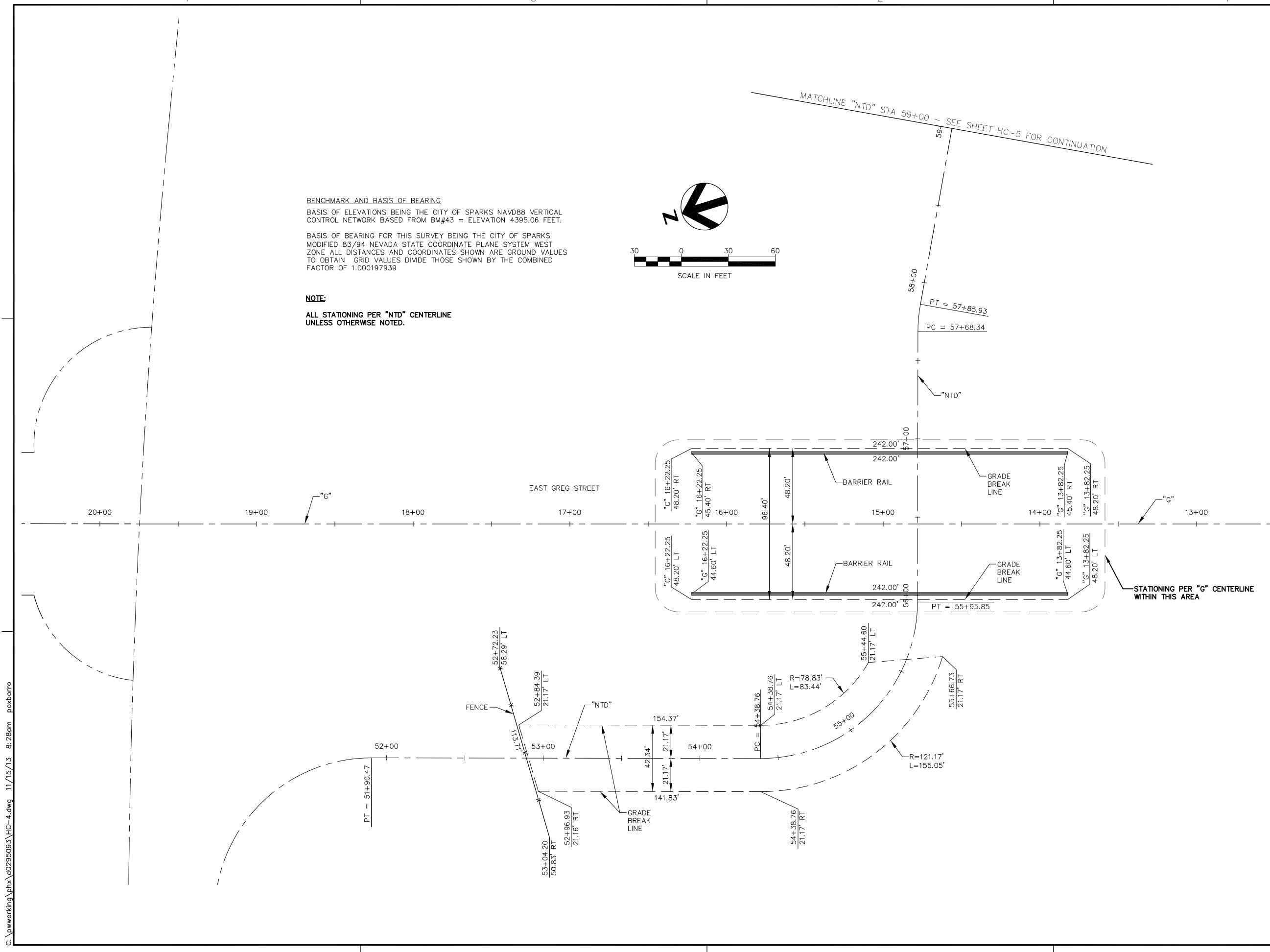
BASIS OF BEARING FOR THIS SURVEY BEING THE CITY OF SPARKS MODIFIED 83/94 NEVADA STATE COORDINATE PLANE SYSTEM WEST ZONE ALL DISTANCES AND COORDINATES SHOWN ARE GROUND VALUES TO OBTAIN GRID VALUES DIVIDE THOSE SHOWN BY THE COMBINED FACTOR OF 1.000197939

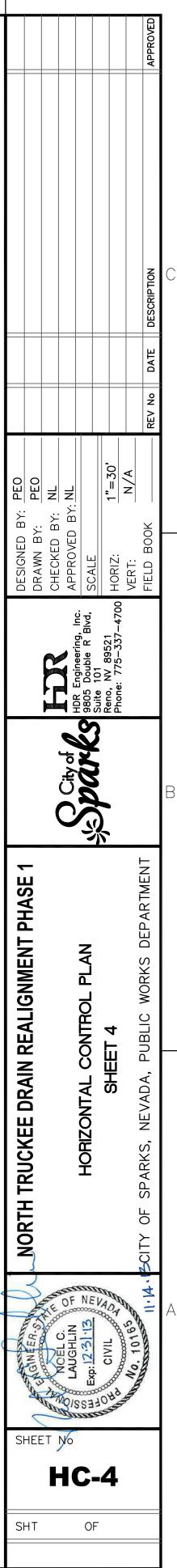
# <u>NOTE:</u>

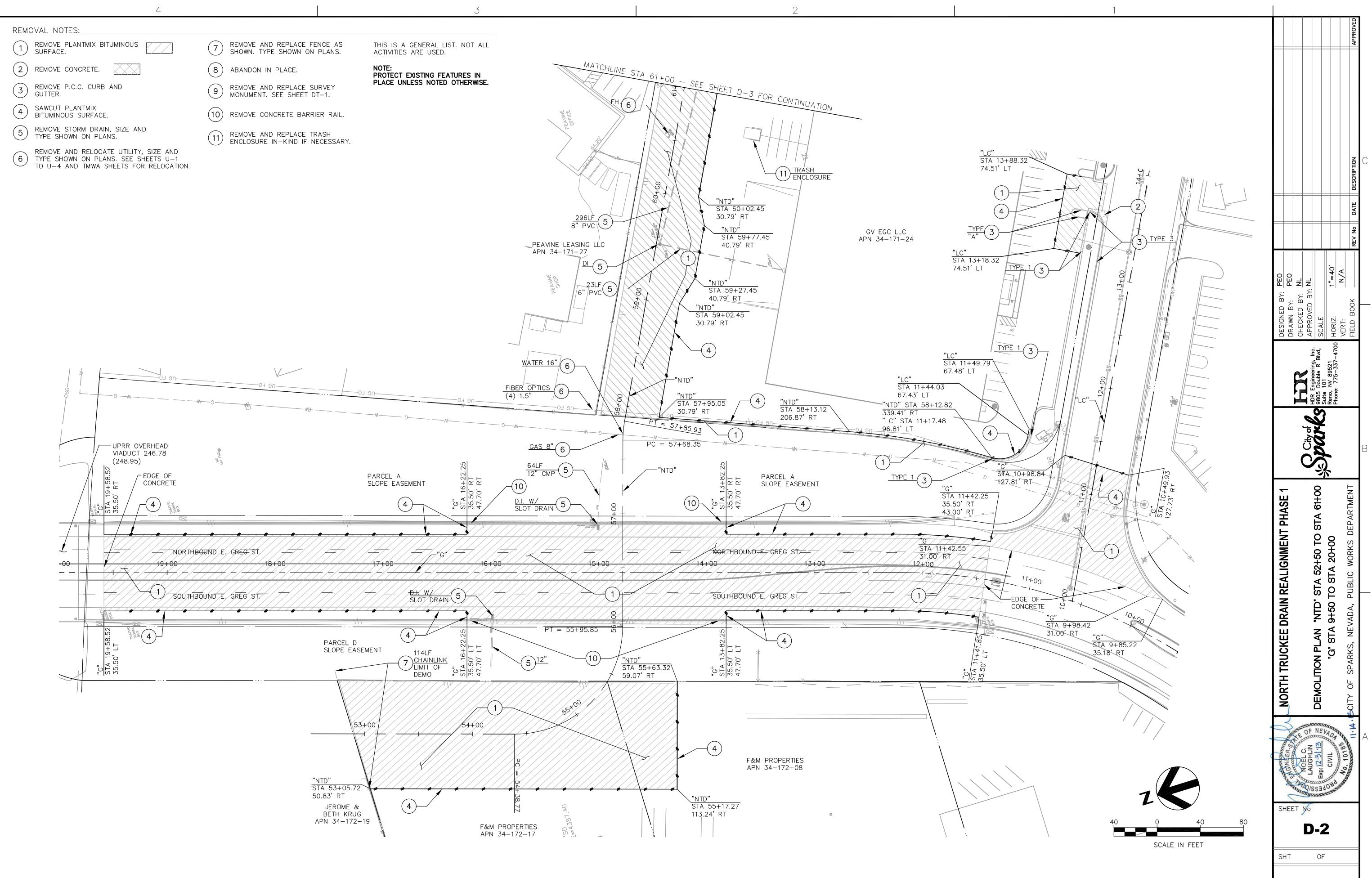
SEE SHEET HC-1 FOR CONTROL POINTS TABLE, LINE TABLE AND CURVE TABLE.

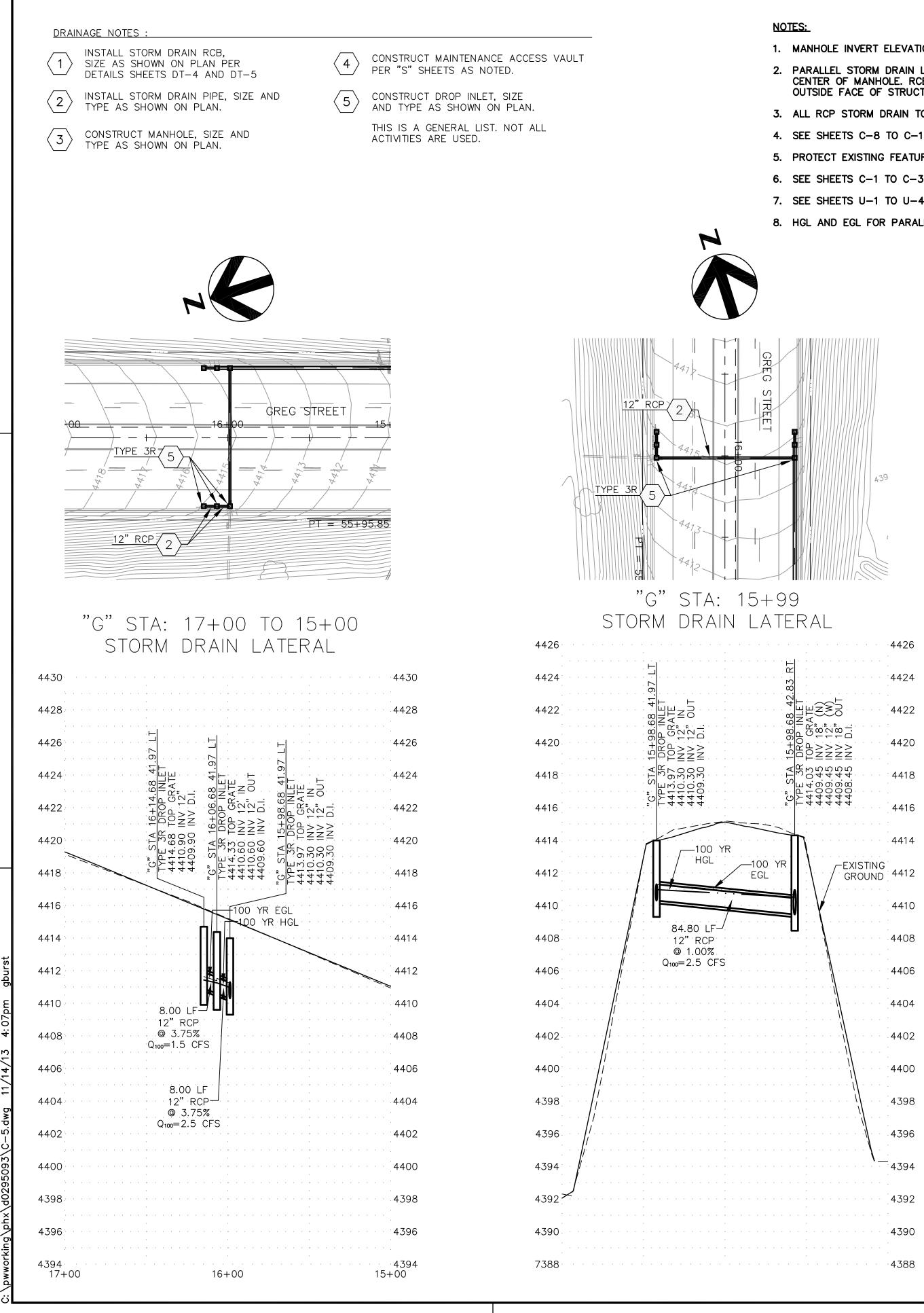












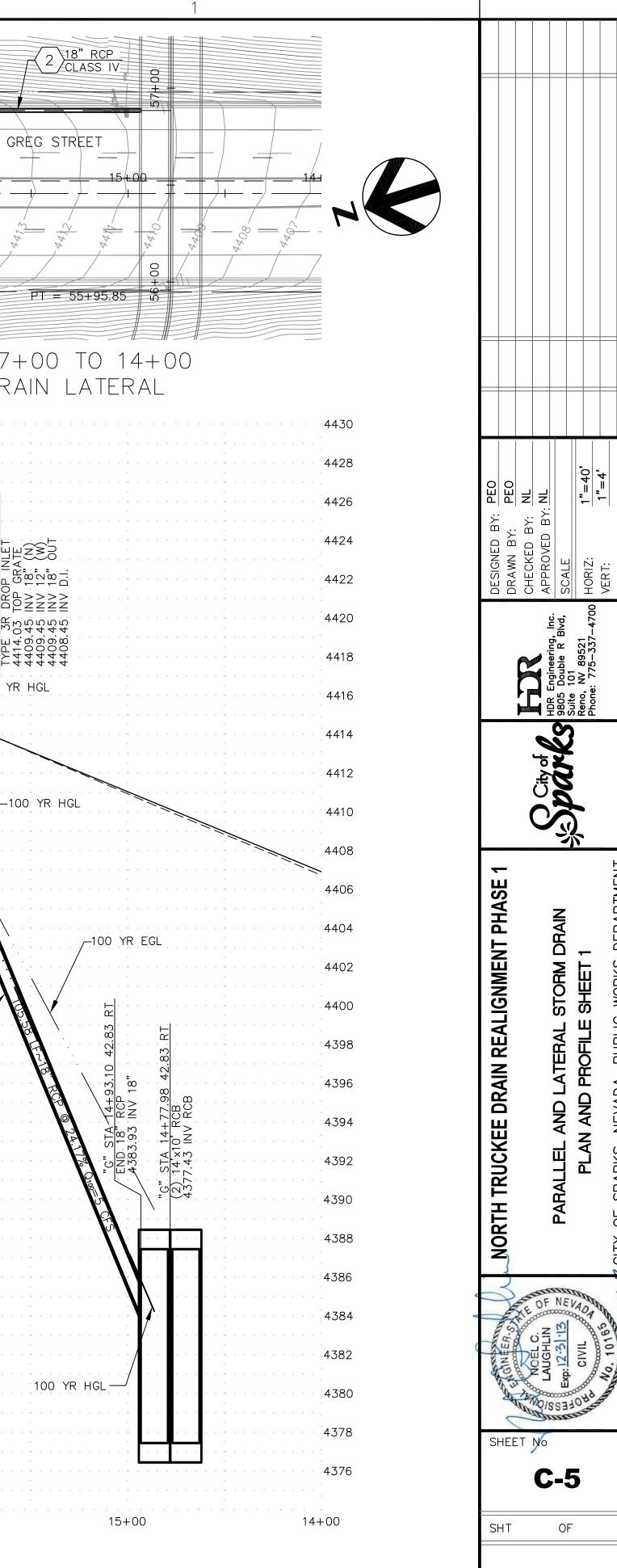
1. MANHOLE INVERT ELEVATIONS SHOWN ARE TO CENTER OF MANHOLE.

- 2. PARALLEL STORM DRAIN LENGTHS SHOWN ON PROFILES ARE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. RCB LENGTHS SHOWN ARE FROM OUTSIDE FACE OF STRUCTURE TO OUTSIDE FACE OF STRUCTURE.
- 3. ALL RCP STORM DRAIN TO BE CLASS III UNLESS OTHERWISE NOTED ON PLANS.
- 4. SEE SHEETS C-8 TO C-15 FOR PROPOSED SURFACE FEATURES, GRADING, AND DRAINAGE.
- 5. PROTECT EXISTING FEATURES IN PLACE UNLESS NOTED OTHERWISE.
- 6. SEE SHEETS C-1 TO C-3 FOR MAINLINE STORM DRAIN.
- 7. SEE SHEETS U-1 TO U-4 AND TMWA SHEETS FOR UTILITY RELOCATIONS.
- 8. HGL AND EGL FOR PARALLEL STORM DRAIN DEPICTS LOCAL DRAINAGE ONLY.

12" RCP	2
	3R 5 G
	4476 4476 4475
	"G" STA: 17- Storm Dra
4430	
4428	· · · · · · · · · · · · · · · · · · ·
	<u>3 RT</u> 2.83 RT
4426	.68 42.83 RT INLET "RATE         
4424	
4422 · · · · · · · · · · · · · · · · · ·	" STA     16+       PE     3R     DR(       PE     3R     DR(       14.63     TOP     10.10       11.10     INV     10.10     INV       11.10     INV     10.10     INV       77PE     3R     1     4414.34     1       4410.80     IN     4410.80     IN     4409.80     IN       16     15+98.6     1     1     37     DR0P     1       37     DR0P     1     37     DR0P     1     37     DR0P     1
4420	"G" "G" ST   T \\ \PE 4414.6 4411.10   44410.11 44410.11 44410   7 \\ \PH\$ 4411.10 44410   8 \\ \PH\$ 4410.11 1440   8 \\ \PH\$ 1 4410.11   8 \\ \PH\$ 1 1   8 \\ \PH\$ 1 1
4418	
4416	100 YF
4414	
4412	
4410 · · · · · · · · · · · · · · · · · · ·	
4408	8.00 LF 12" RCP © 3.75%
4406 · · · · · · · · · · · · · · · · · · ·	Q ₁₀₀ =1.5 CFS
4404 · · · · · · · · · · · · · · · · · ·	18" RCP © 16.88% Q ₁₀₀ =2 CFS
4402	
4400	
	CONSTRUCT PIPE-
4398	ANCHORS ALONG LENGTH OF 18" RCP
4396	SEE DETAIL SHEET DT-3
4394	· · · · · · · · · · · · · · · · · · ·
4392	
4390	· · · · · · · · · · · · · · · · · · ·
4388 	· · · · · · · · · · · · · · · · · · ·
4386	
4384	· · · · · · · · · · · · · · · · · · ·
4382	· · · · · · · · · · · · · · · · · · ·
4380	
4378	· · · · · · · · · · · · · · · · · · ·
4376 · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

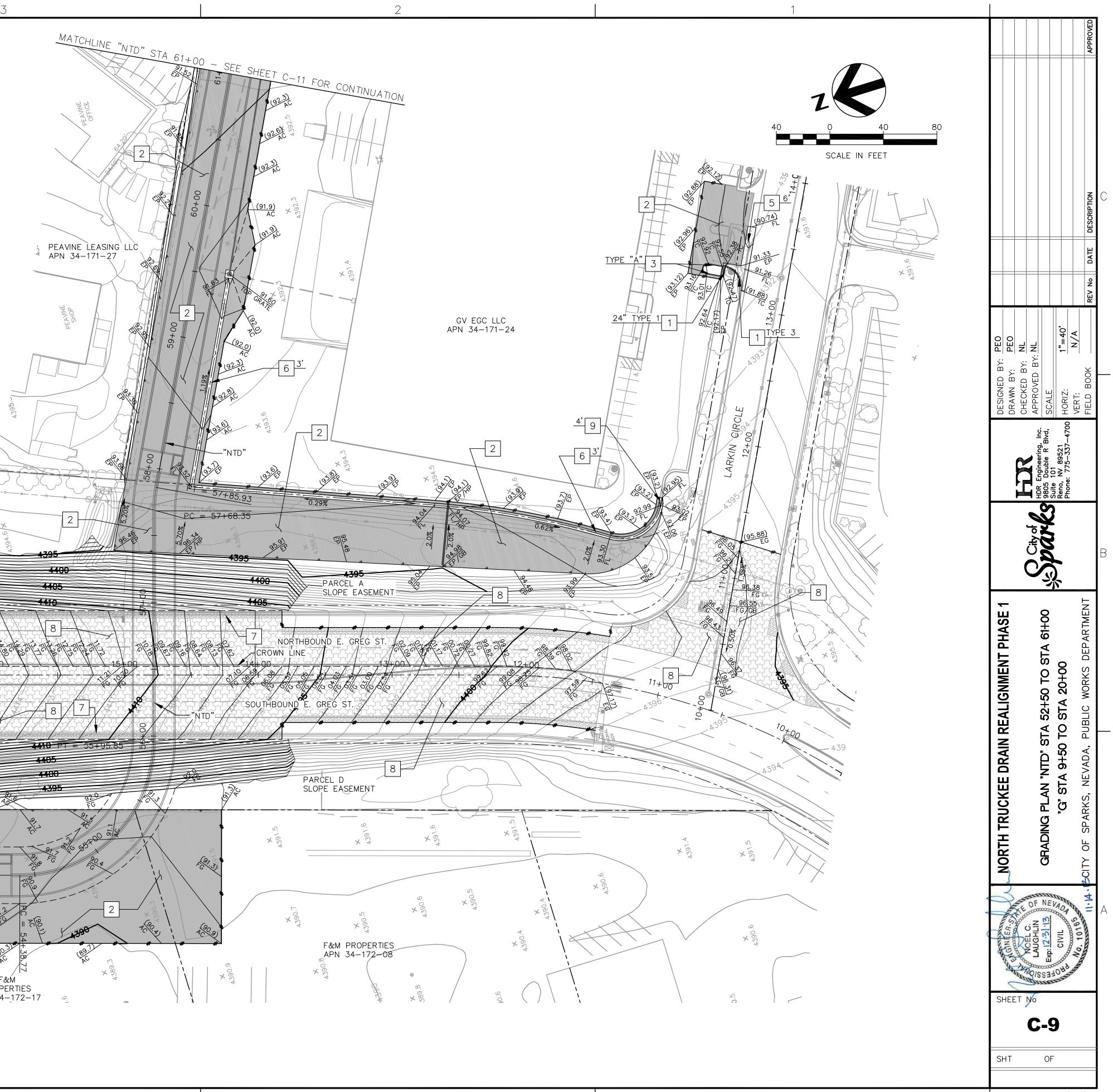
<u>18" RCP</u>

12" RCP 2

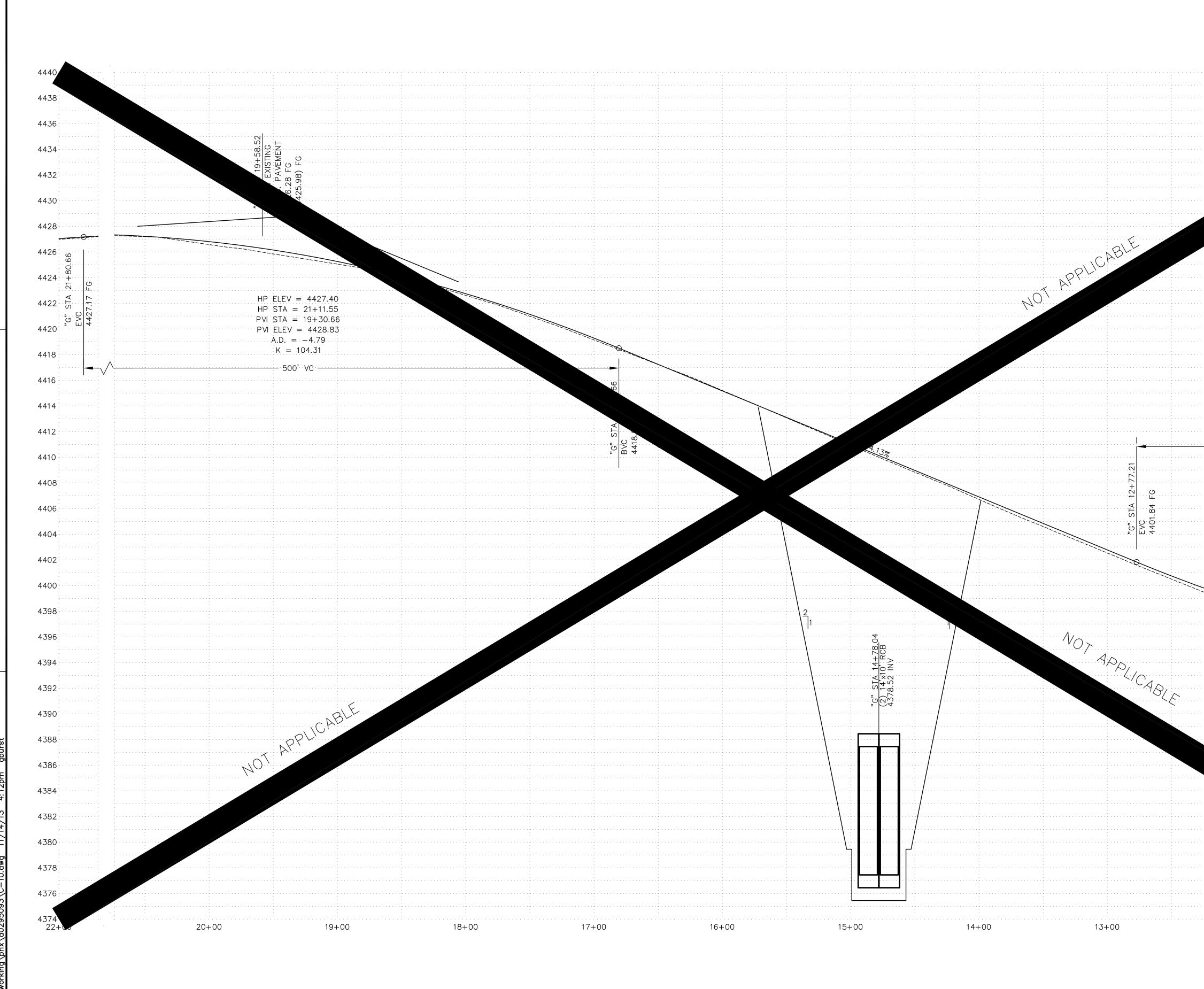


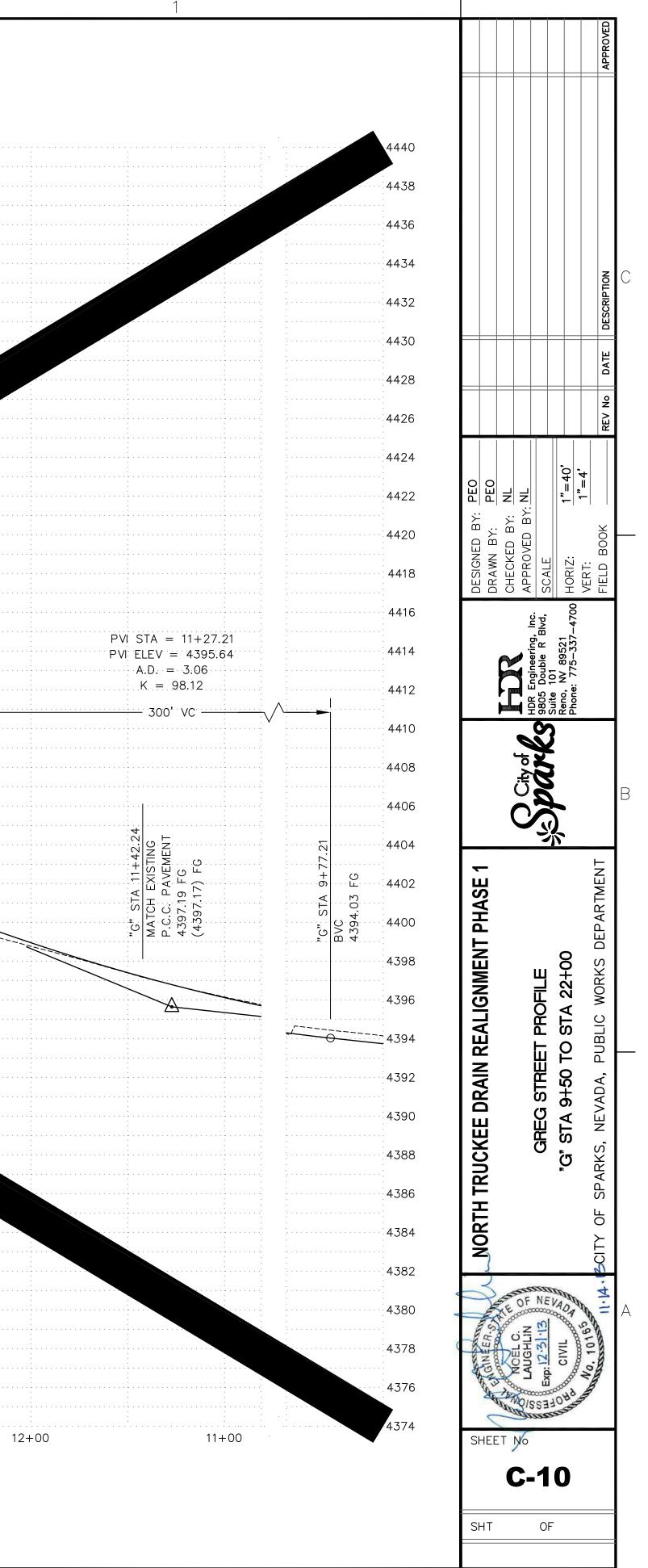
	<u>G NOTES :</u> ONSTRUCT P.C.C. CURB AND GL IZE AND TYPE SHOWN ON PLAN ER DETAILS SHEET DT—1		CONSTRUCT VALLEY G SHOWN ON PLAN. PER DT-2		
2 P	LACE PLANTMIX BITUMINOUS AVEMENT SURFACE. PER TYPICA ECTIONS, SHEET XS-1.	AL 7	CONSTRUCT CONCRETE PER DETAILS SHEET D		
Z C	ONSTRUCT TYPE "A" CURB, PEF ETAILS SHEET DT-1	8	CONSTRUCT P.C.C. PA SURFACE. PER TYPICA SHEET XS-2.		]
	EPLACE FENCE, TYPE AS SHOW N PLAN.	N 9	CONSTRUCT CONCRETE GUTTER TRANSITION,	E VALLEY	]
5  V	ONSTRUCT COMMERCIAL DRIVEW ALLEY GUTTER, SIZE AS SHOWN LAN. PER DETAILS SHEET DT-2	ON TH	PER DETAIL SHEET DT IS IS A GENERAL LIST. N TIVITIES ARE USED.		
NOTE:		AC	INVITES ARE USED.		
1. PRC	TECT EXISTING FEATURES IN PL				
3. SEE	POSED CONTOURS TIE-IN TO G	R HORIZONTAL CONT	ROL, SHEETS D-1 THRU	D-3 FOR DEMOLITION	Ν,
SHE LAT PRC	ETS C-1 THRU C-3 FOR RCB F ERAL STORM DRAIN PLAN AND FILES, SEE TMWA SHEETS FOR	PLAN AND PROFILES, PROFILES, SHEETS U WATER PLAN AND P	SHEETS C-4 THRU C-7 -1 THRU U-4 FOR UTILI	7 FOR PARALLEL ANI ITY PLAN AND	D
	AILS AND S-1 THRU S-12 FOR		· · · · · · · · · · · · · · · · · · ·		
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	S. LOGER	× 4954			»
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working\phx\d0295093\C-9.dwg 11/14/13 4:10pm gburst

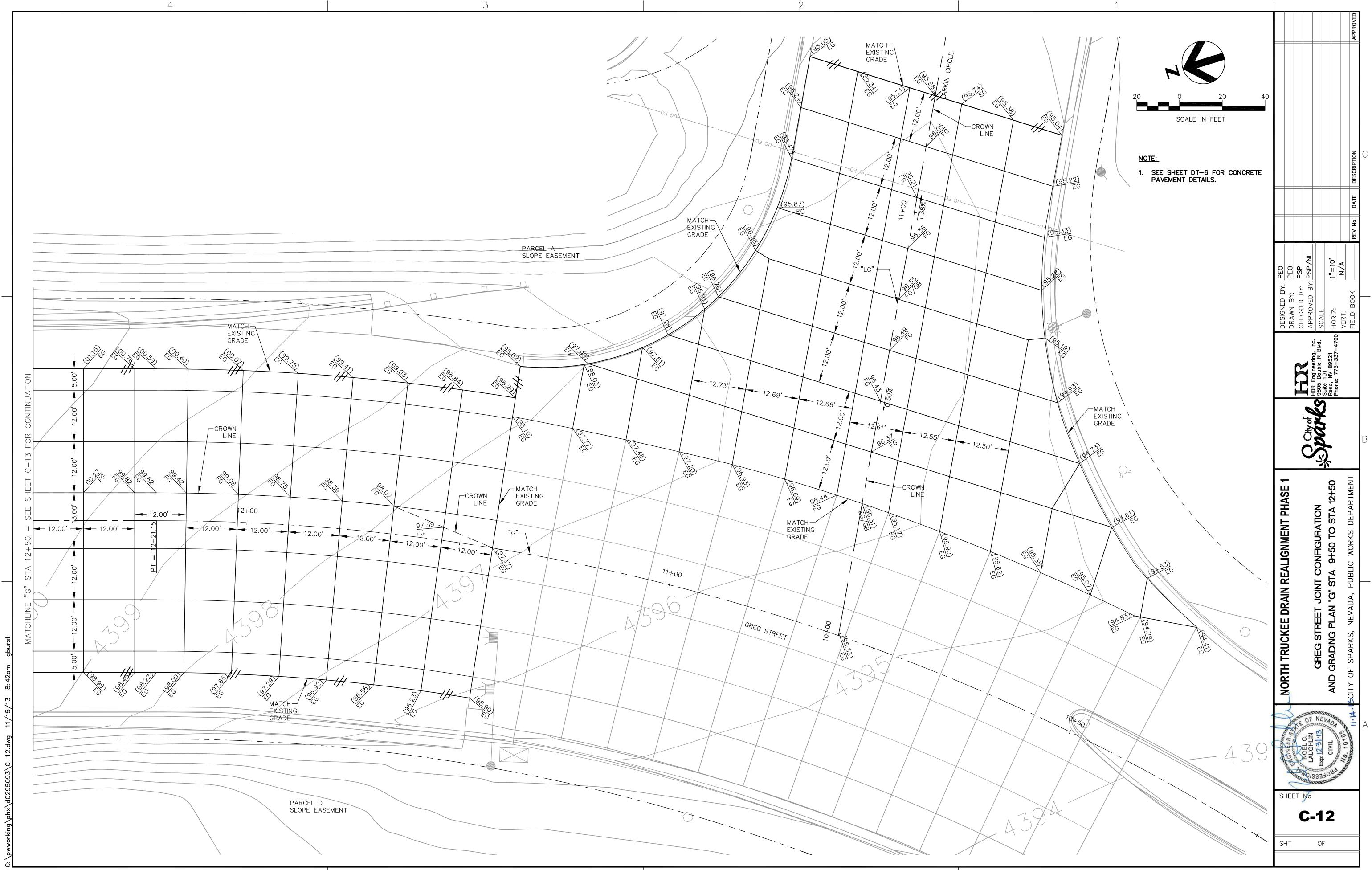


ADDENDUM 2 11/14/13

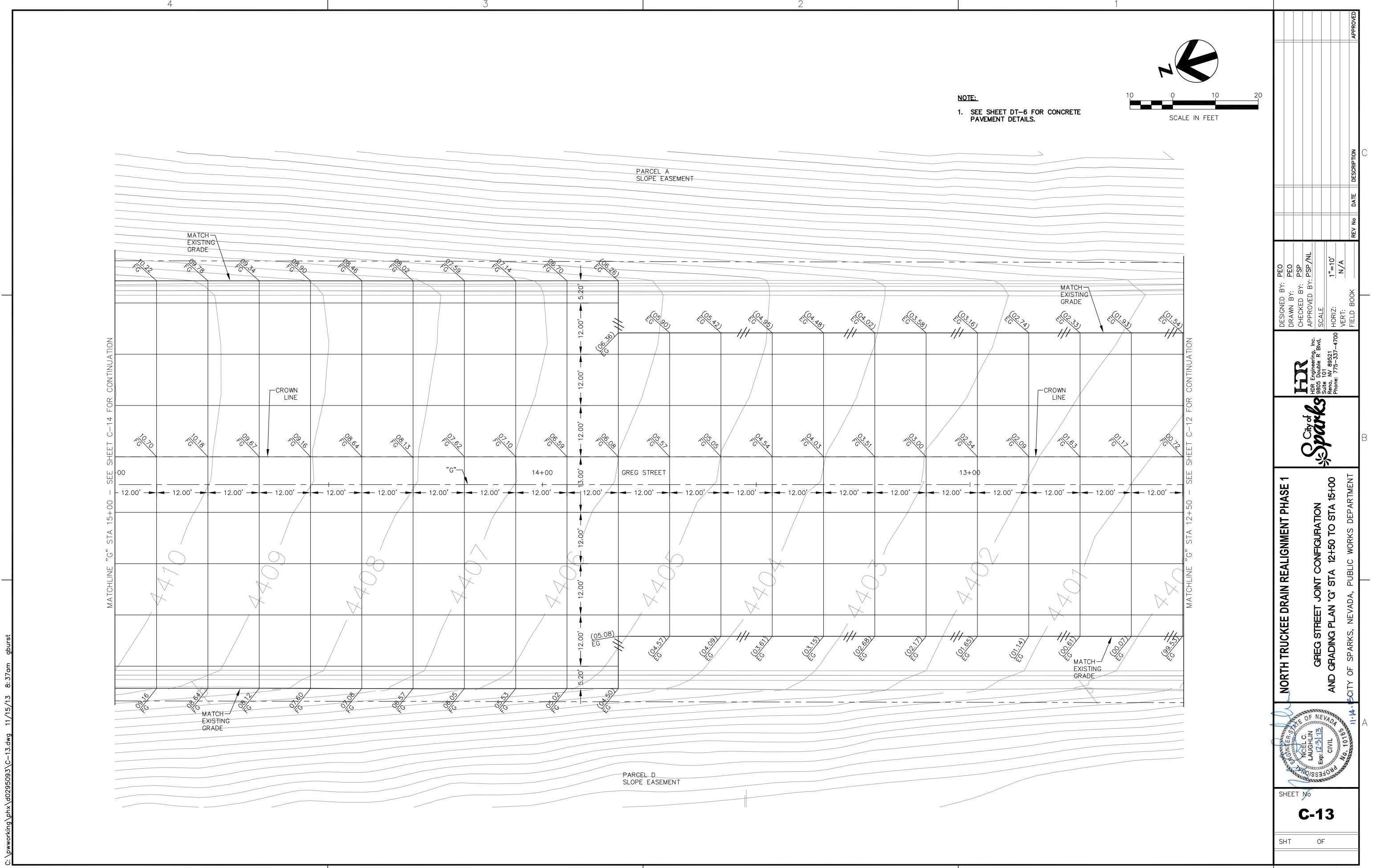




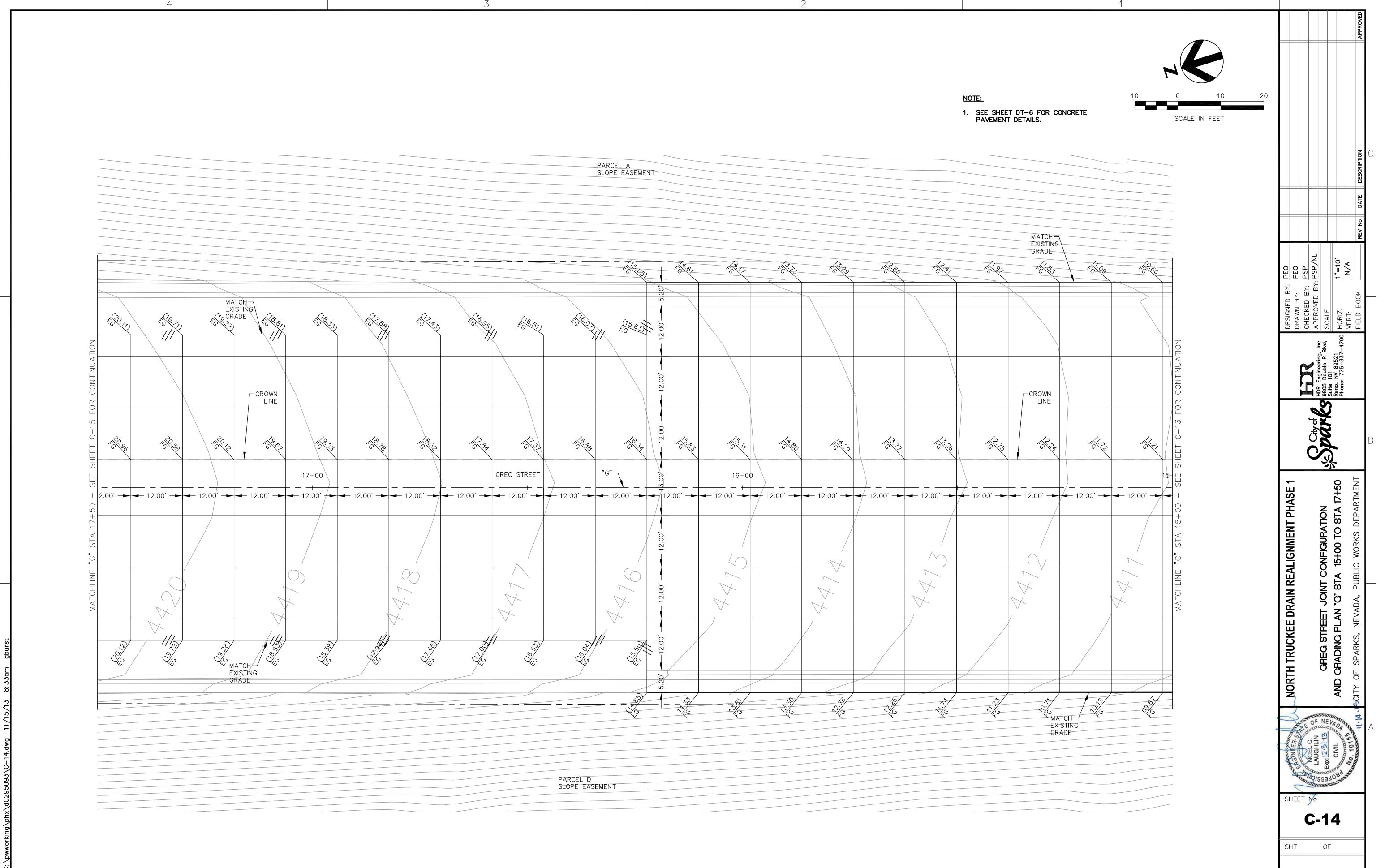
ADDENDUM 2 11/14/13



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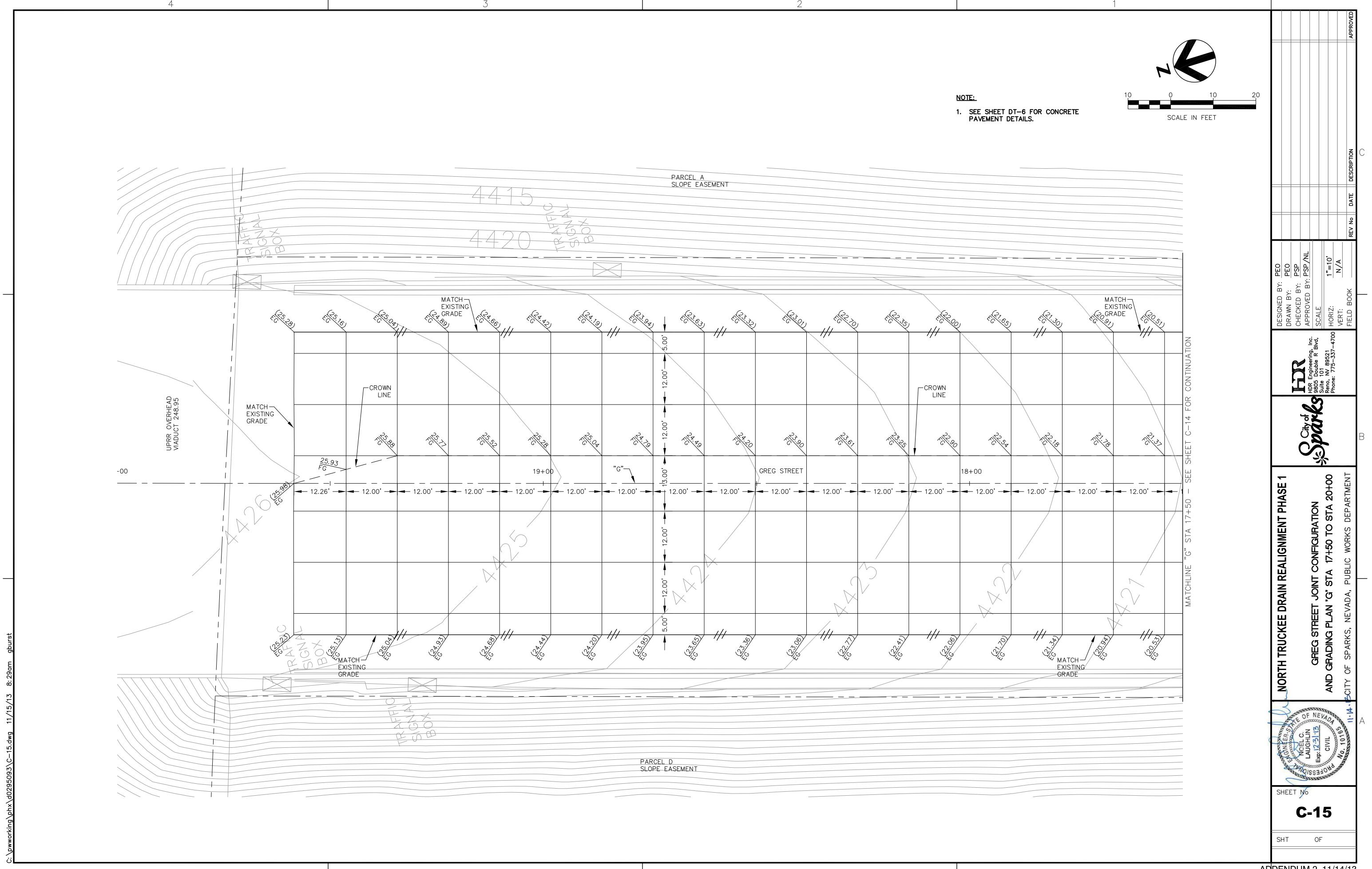


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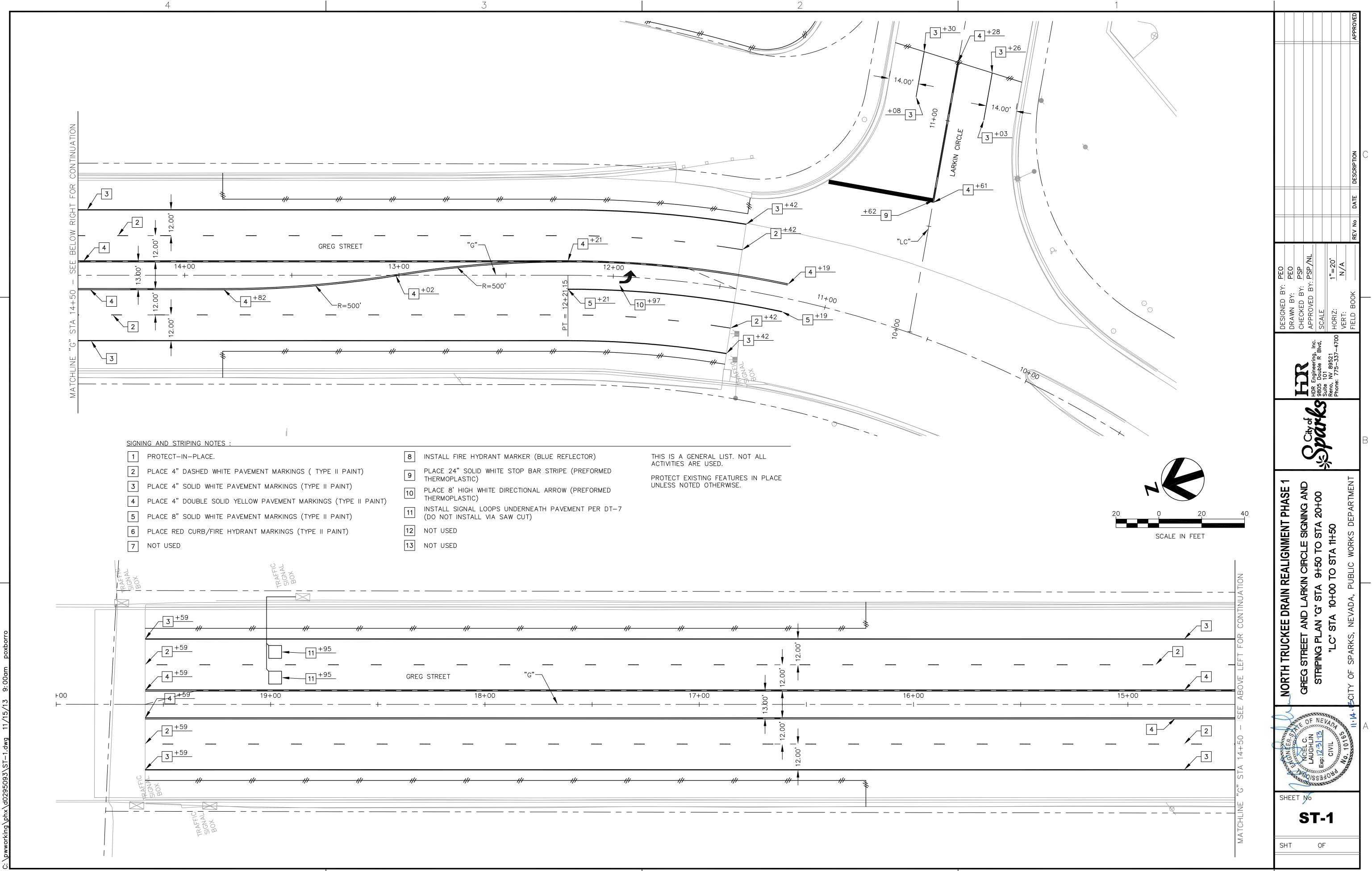


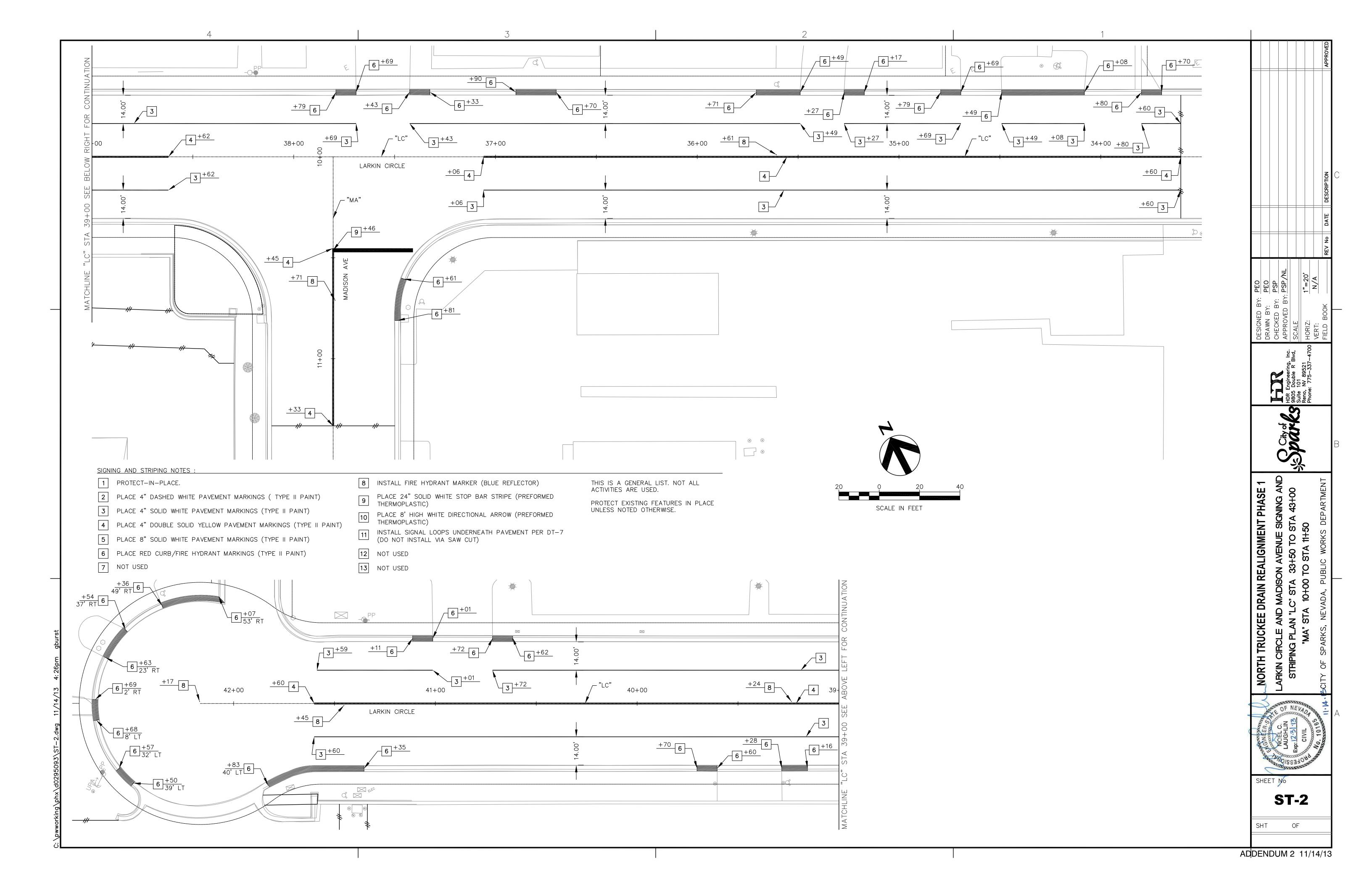


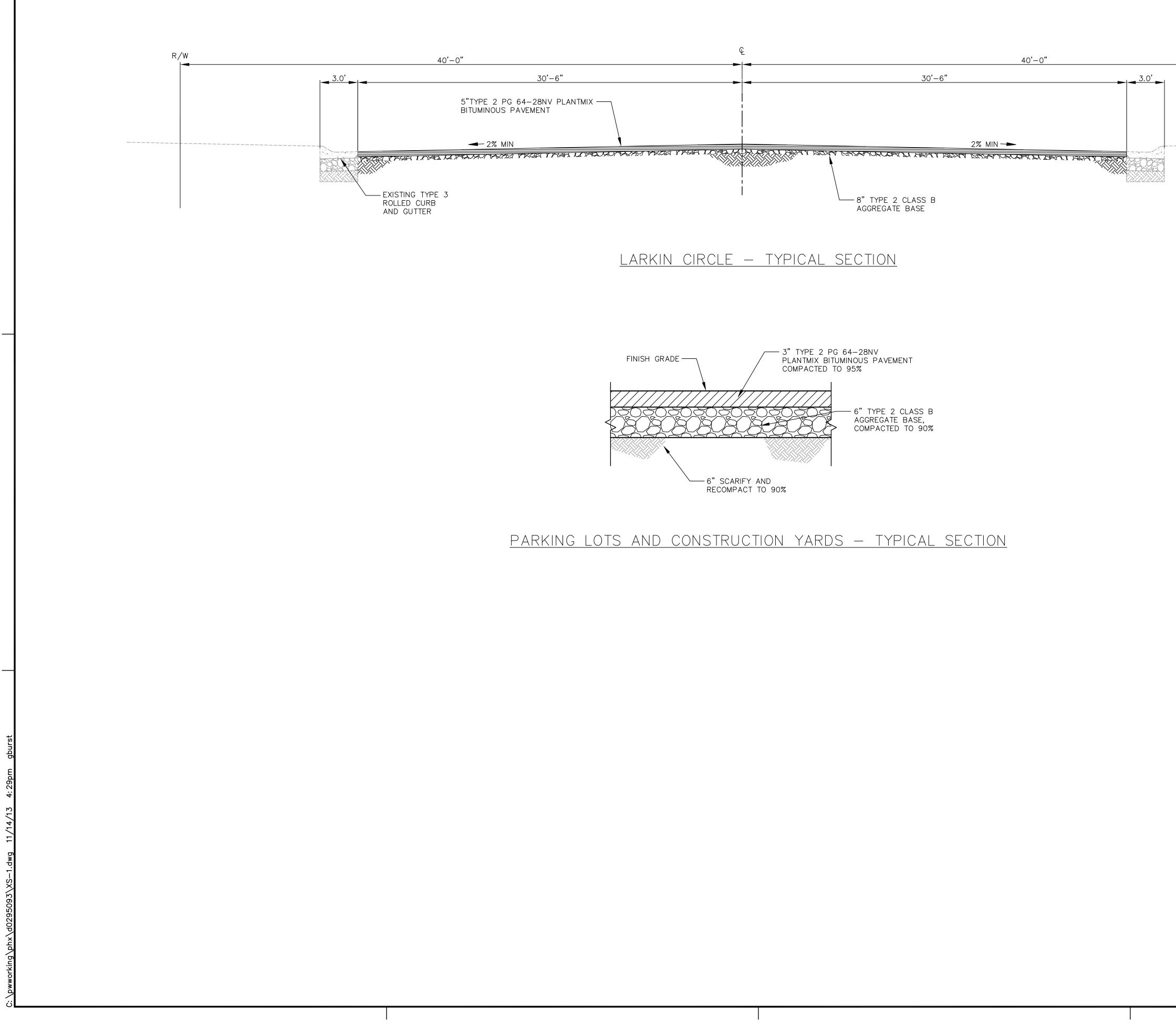


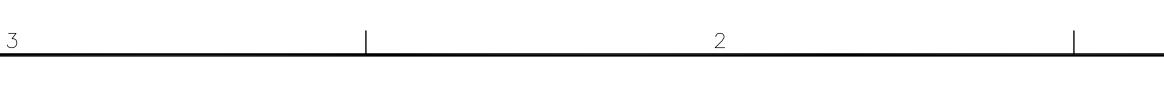


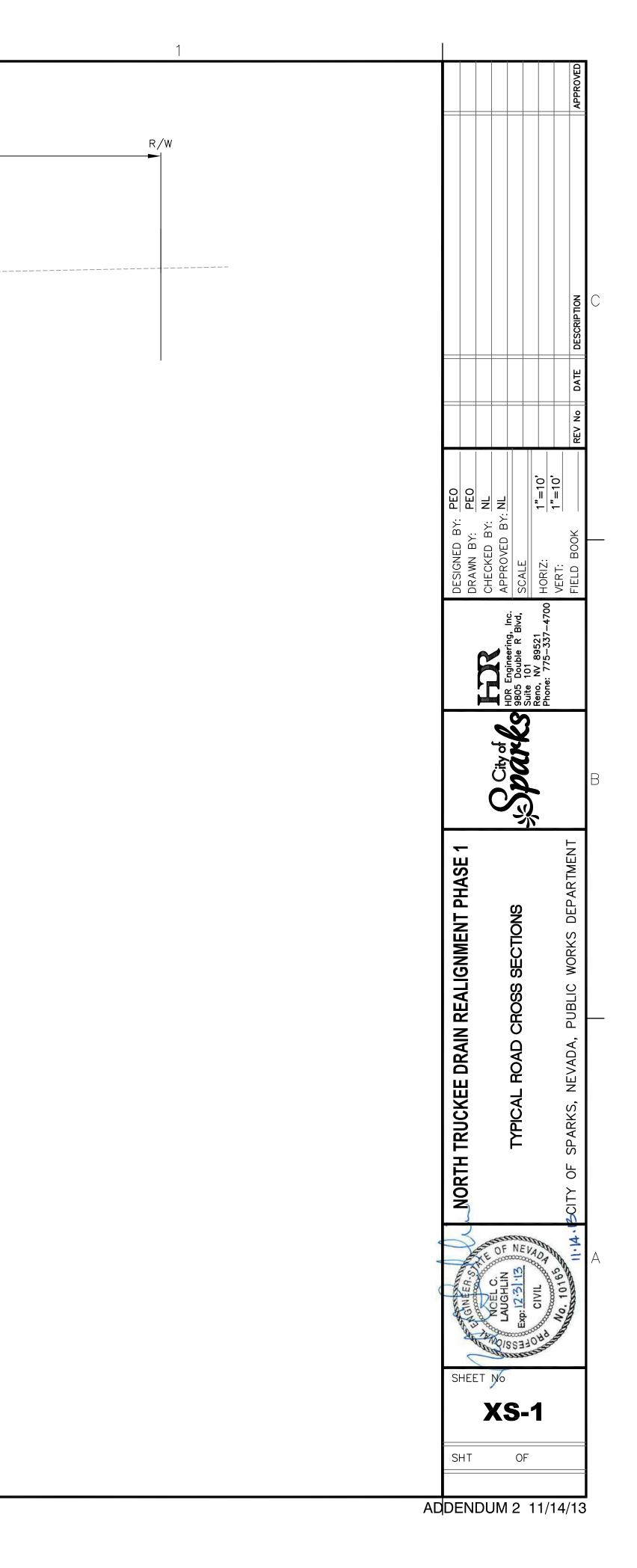
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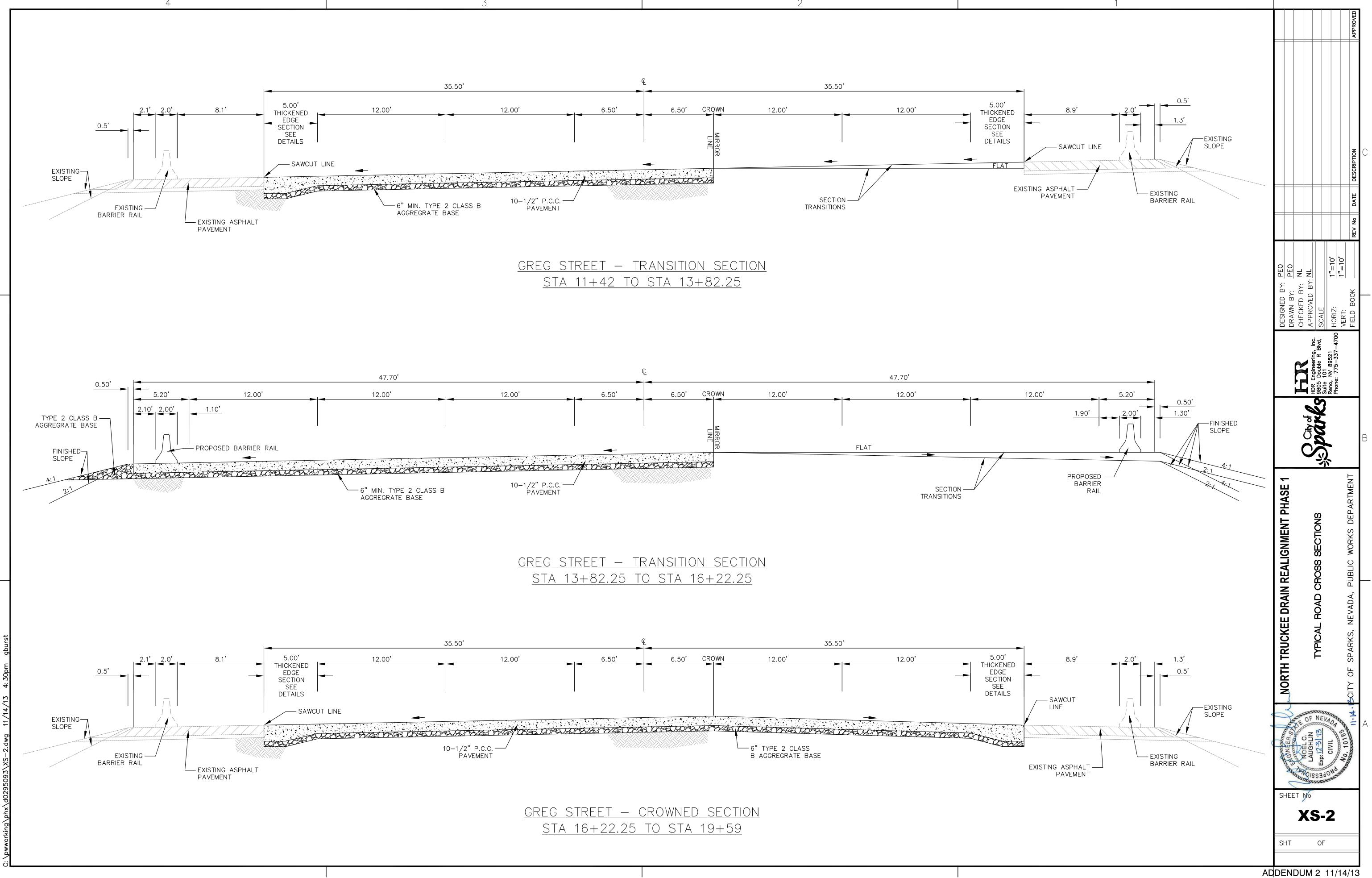






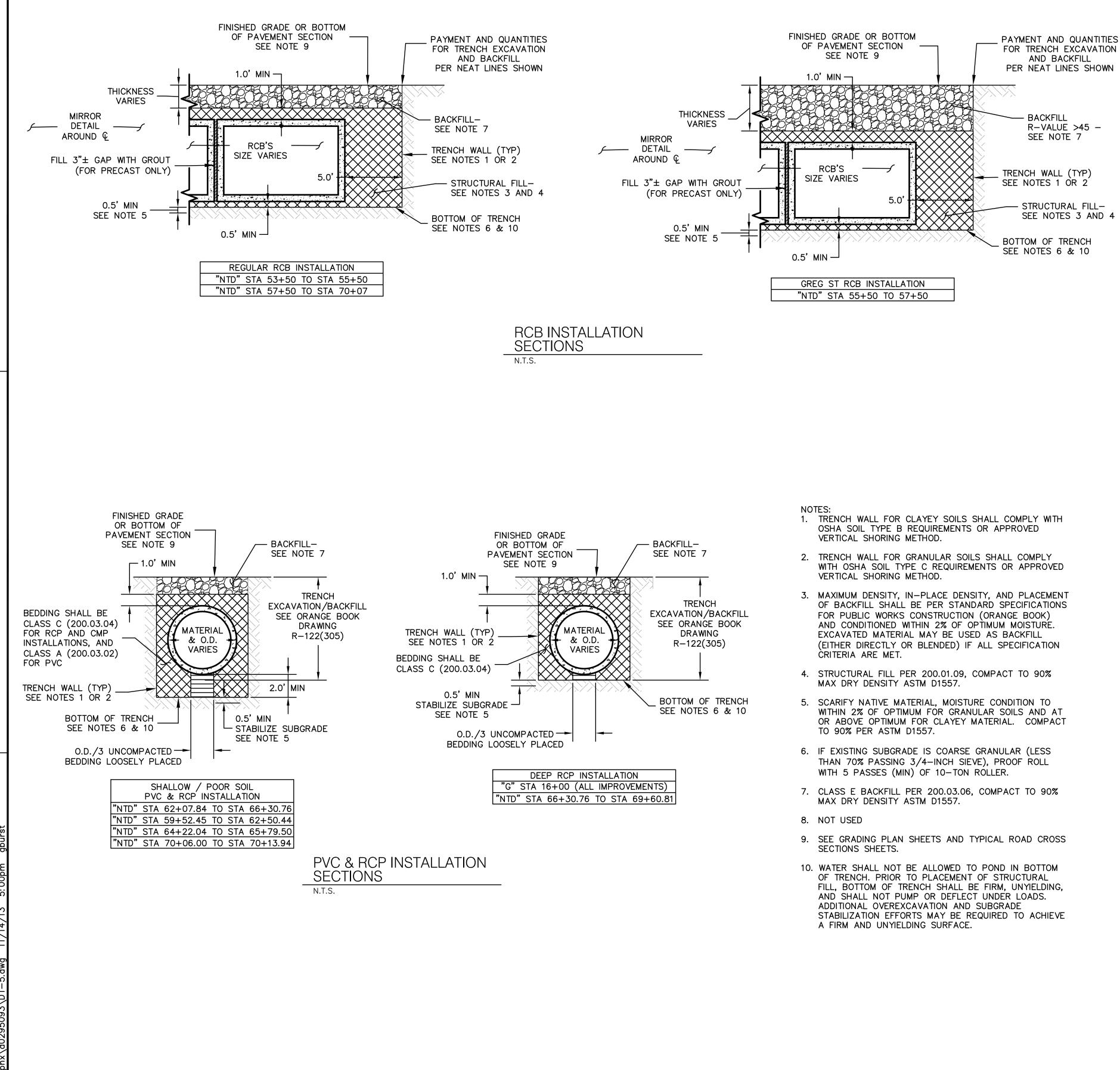


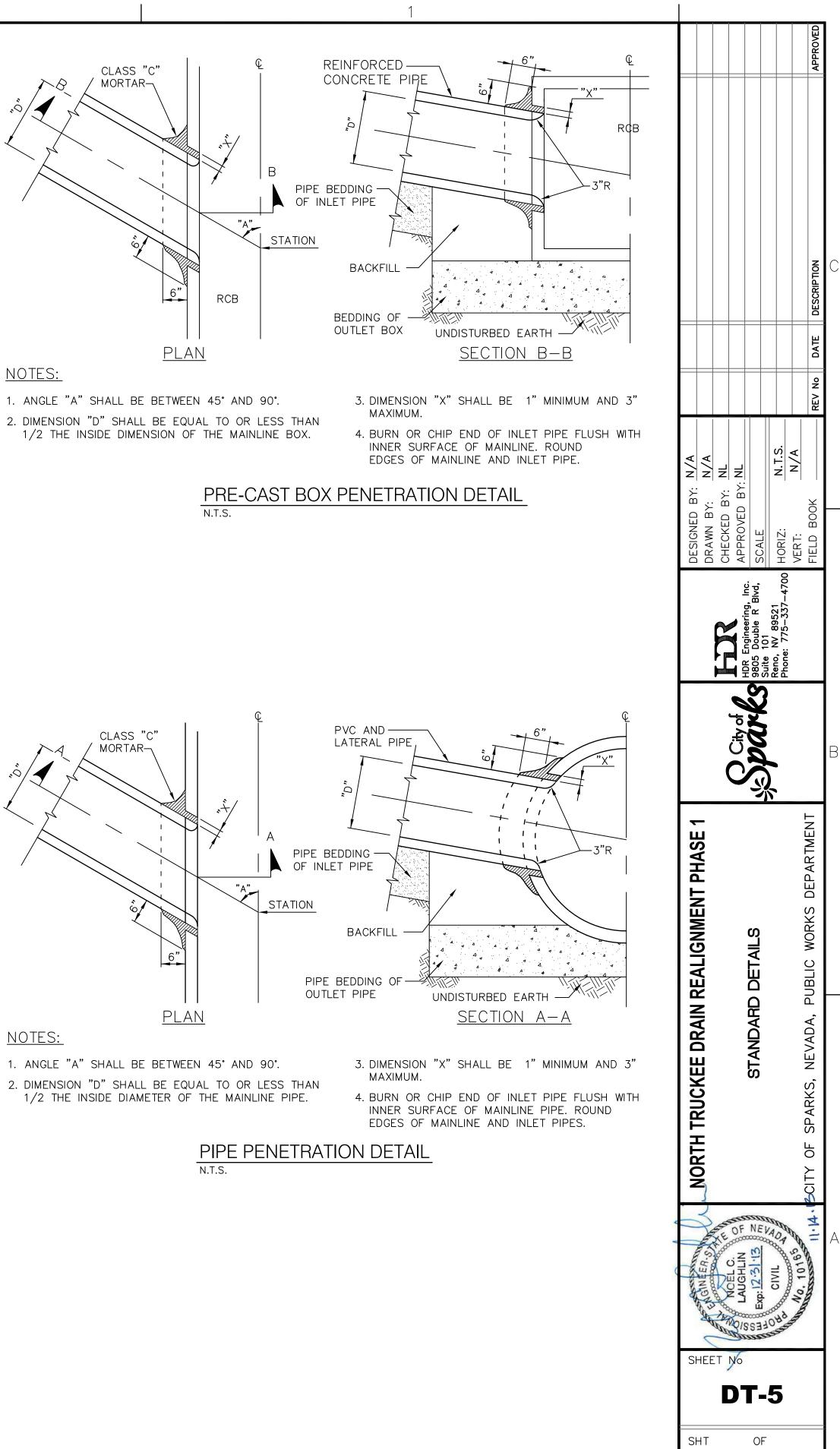


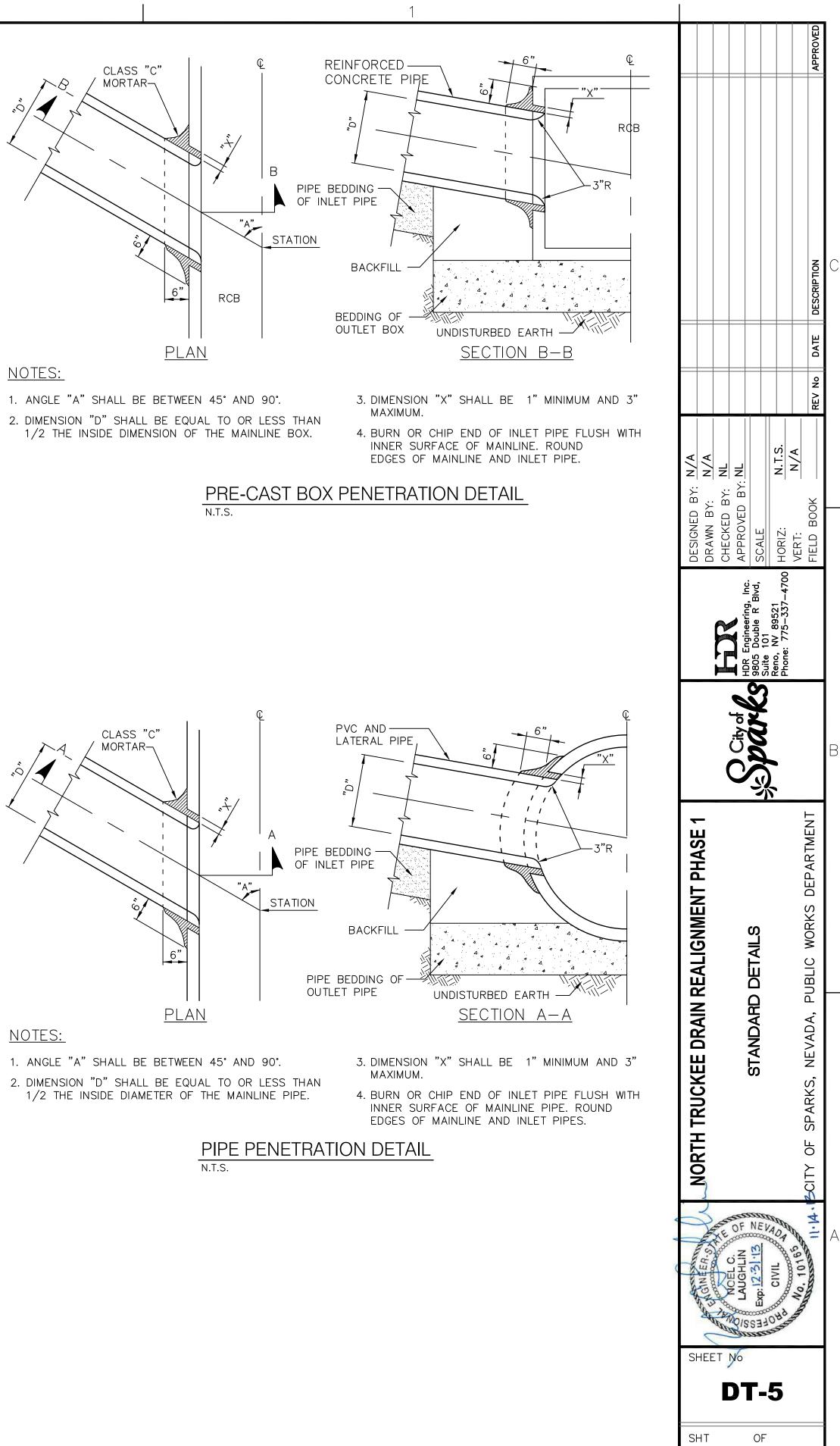










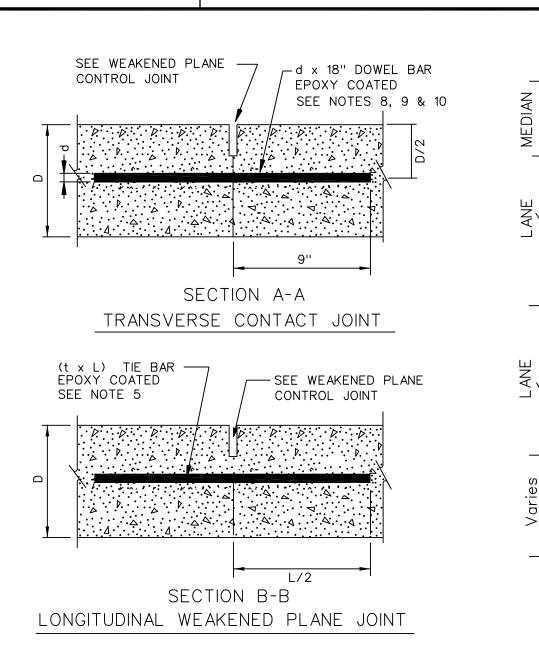


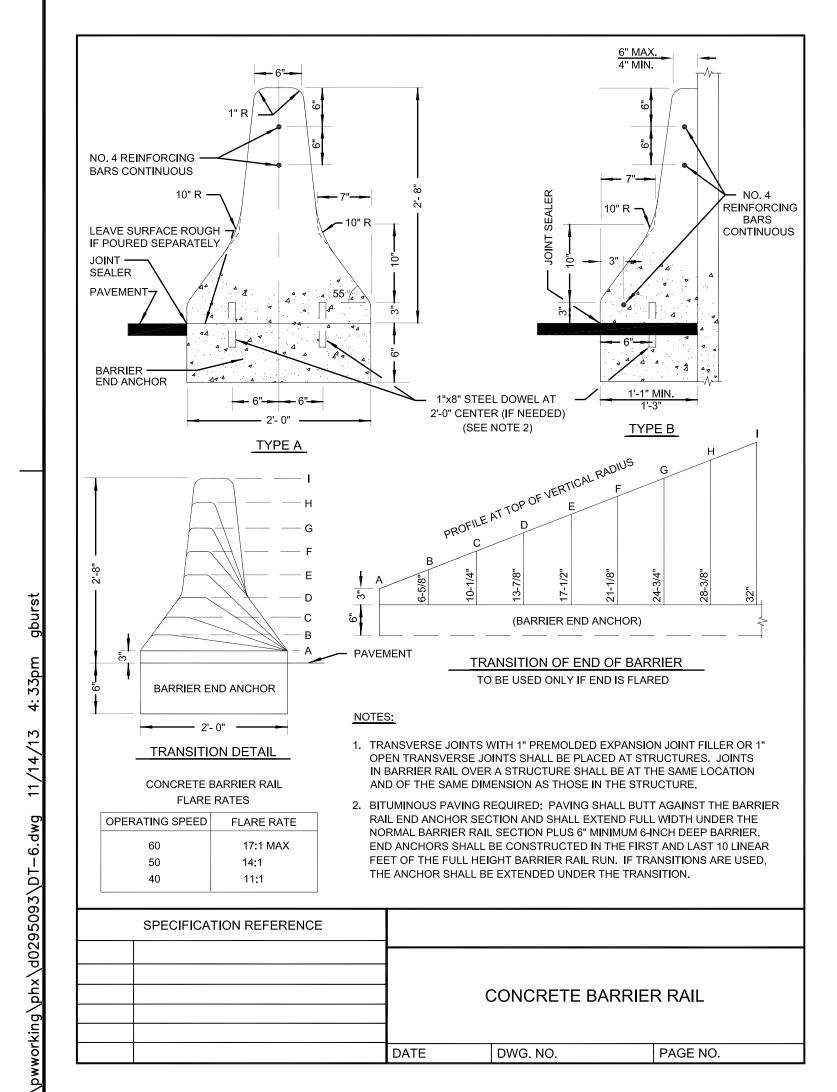
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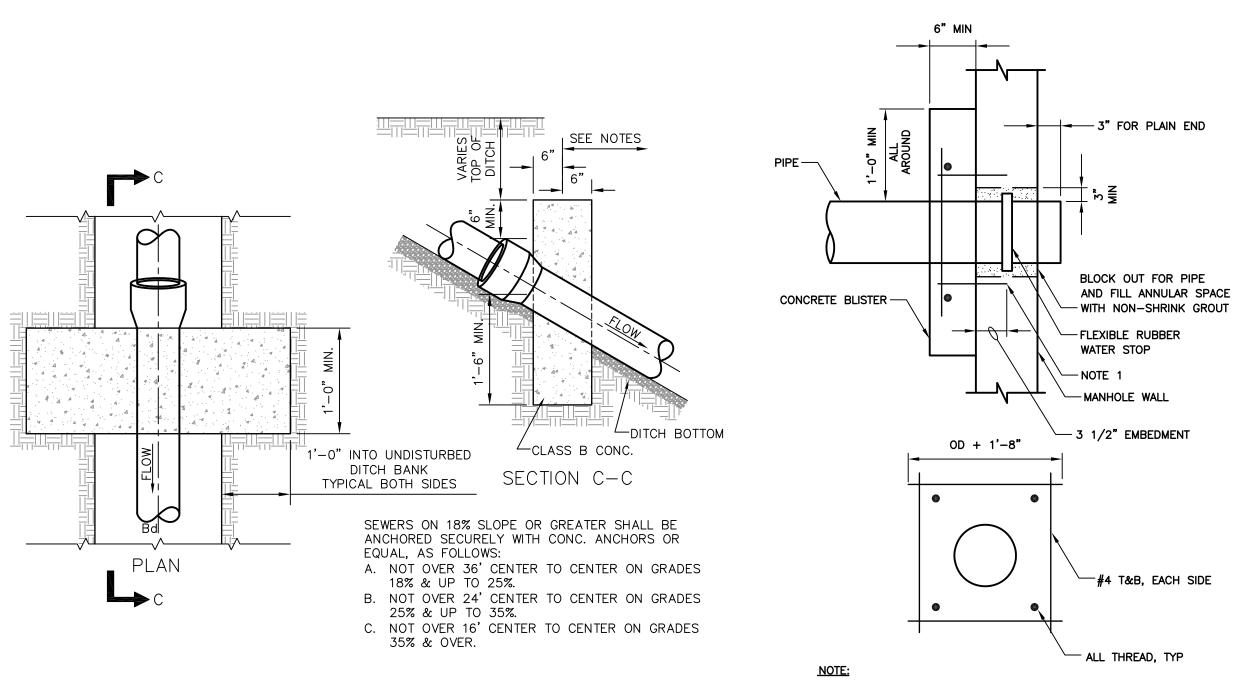




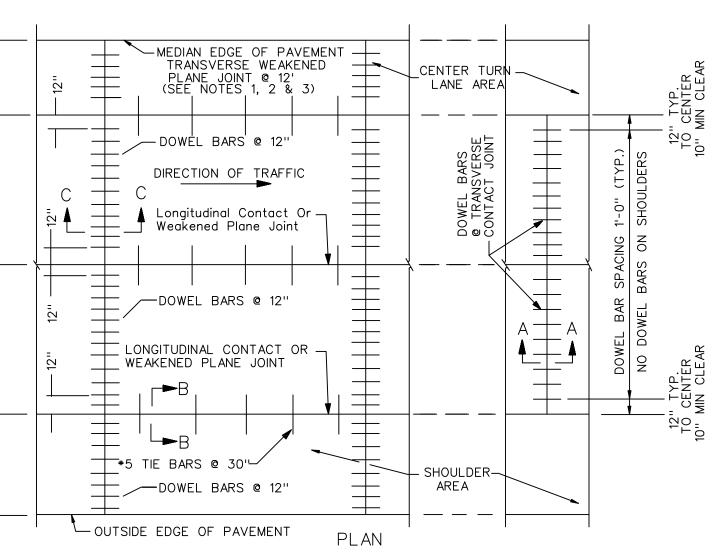
- 1. ALL WEAKENED PLANE JOINTS SHALL BE SAWED PERPENDICULAR AS SHOWN, EXCEPT AS INDICATED IN THE STRUCTURE APPROACH DETAILS. WHEN ONLY ONE LANE IS BEING CONSTRUCTED ALONGSIDE EXISTING LANES, JOINTS SHALL BE SAWED AS DIRECTED BY THE ENGINEER.
- 2. SPACING OF WEAKENED PLANE JOINTS SHALL BE 12'-0" EXCEPT AT REINFORCED STRUCTURE APPROACHES.
- 3. TRANSVERSE WEAKENED PLANE JOINTS SHALL BE AT LEAST 6'-O'' FROM ANY CONTACT JOINT.
- 4. LONGITUDINAL WEAKENED PLANE JOINTS SHALL BE CUT AT ALL LANE AND SHOULDER LINES EXCEPT WHERE LANE PLUS ADJACENT SHOULDER WIDTH IS LESS THAN OR EQUAL TO 16'-0".
- 5. ALL TIE BARS TO BE EPOXY COATED. TIE BARS TO BE PLACED IN MIDDLE 1/3 OF SLAB THICKNESS. TIE BARS SHALL NOT BE PLACED WITHIN 1'-0" OF DOWEL BARS.
- 6. TRANSVERSE CONTACT JOINTS WITH DOWEL BARS SHALL BE USED AT ALL CONSTRUCTION JOINTS AND ELSEWHERE IF ORDERED BY THE ENGINEER.
- 7. PAVEMENT END ANCHORS SHALL BE CONSTRUCTED AS THE TERMINAL PANELS OF ALL PAVEMENT NOT ABUTTING EXISTING CONCRETE PAVEMENTS OR STRUCTURES, AND ELSEWHERE IF ORDERED BY THE ENGINEER.
- 8. DOWEL BARS SHALL BE LOCATED WITHIN 1" OF THE PLANNED TRANSVERSE AND DEPTH LOCATION AND WITHIN 2" OF THE PLANNED LONGITUDINAL LOCATION.
- 9. DOWEL BARS SHALL BE PARALLEL TO THE PAVEMENT SURFACE AND CENTERLINE WITHIN A TOLERANCE OF 1/2" IN 18".
- 10. DOWEL BARS SHALL NOT BE PLACED WITHIN 1'-0" OF LONGITUDINAL JOINTS.
- 11. D = SLAB THICKNESS
- 12. PLASTIC CAP ON EXPANSION FELT SHALL LEAVE A MINIMUN  $\frac{1}{2}$ " RESEVOIR FOR HOT POUR SEALANT.
- 13. ALL TRANSVERSE JOINTS SHALL BE PERPENDICULAR TO CENTERLINE.





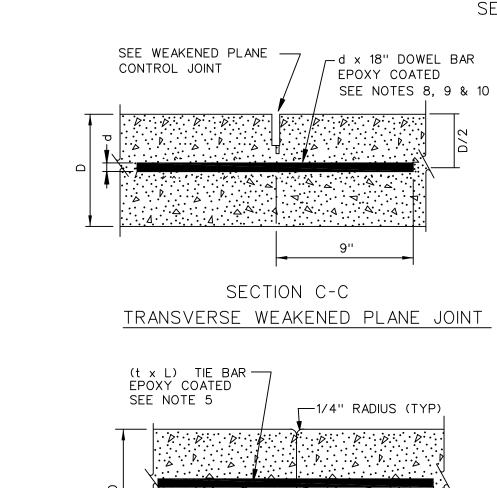


NOT TO SCALE





DOWEL BAR DIA.	TIE BAR SIZE	LENGTH OF TIE
d IN. MIN.	REBAR t	BAR L IN.
1-1/2''	No. 5	30



····· A ··· P.

CONCRETE PAVEMENT-

PLANE JOINT



· : : : . . .

# MISCELLANEOUS PCC JOINT DETAILS NOT TO SCALE

1. FOUR 5/8" ALL THREAD W/ TWO NUTS AND WASHERS AT END. DRILL AND EPOXY IN MH WALL

# CONCRETE BLISTER

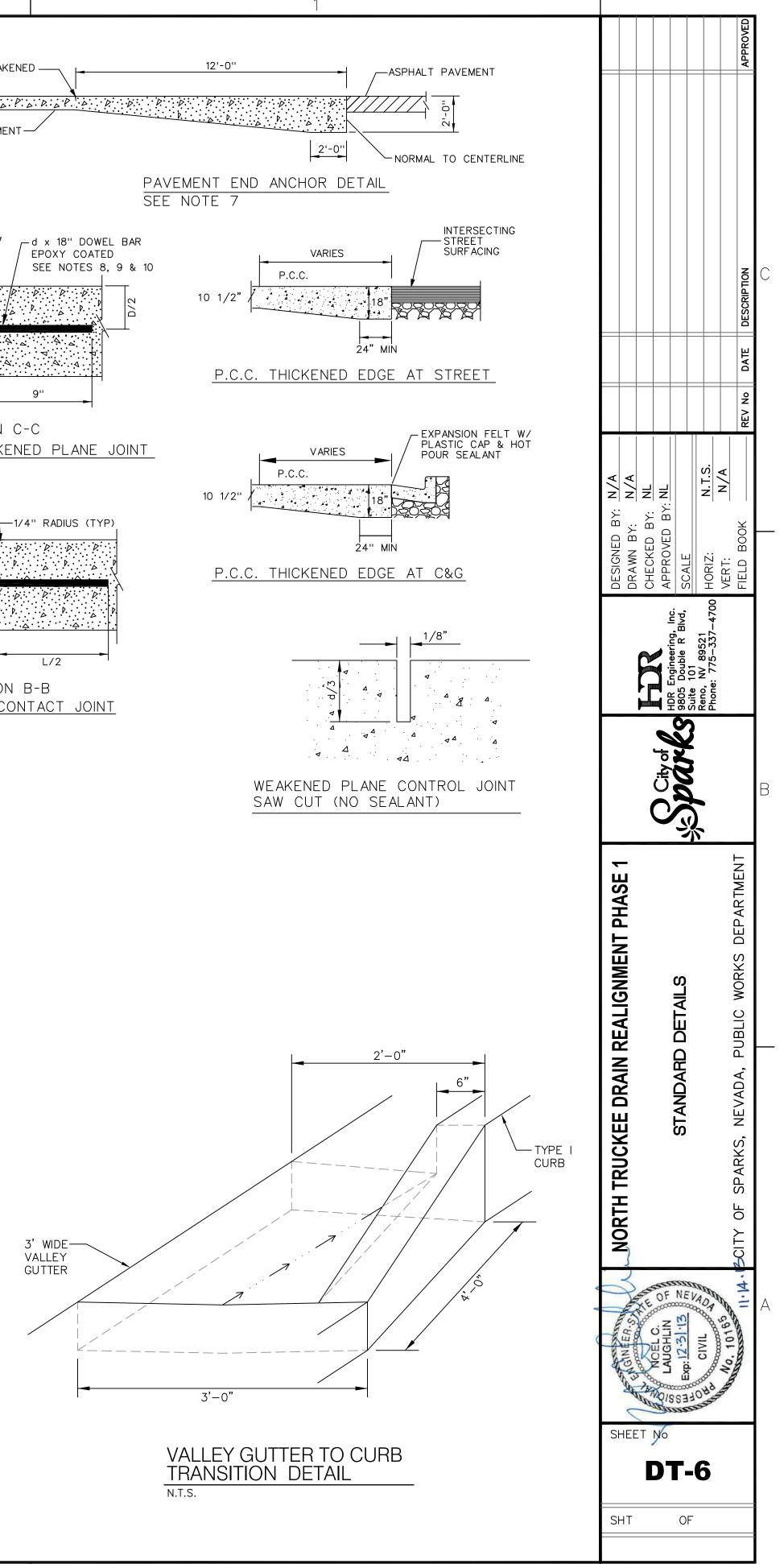
NOT TO SCALE

CONCRETE PIPE ANCHOR BLOCK DETAIL

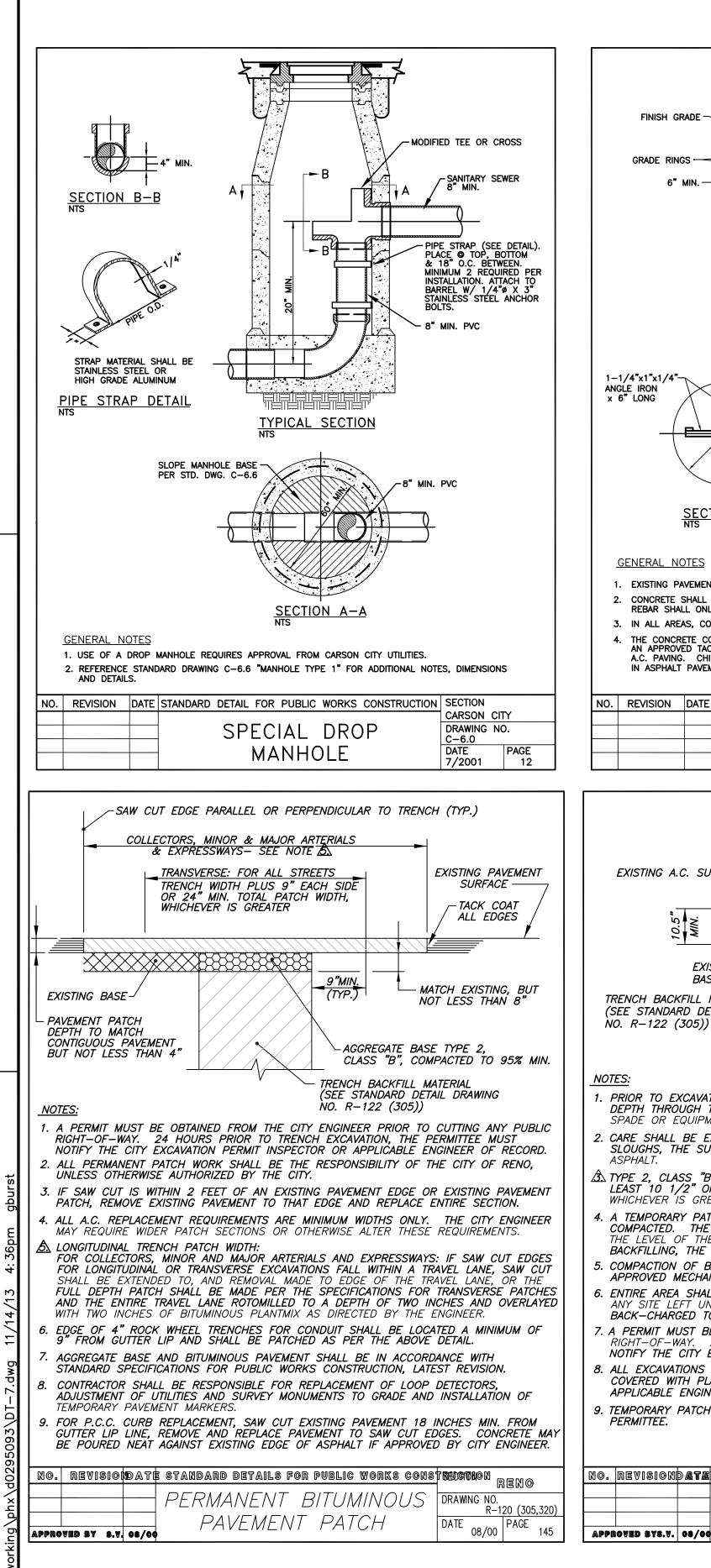
3'WIDE-

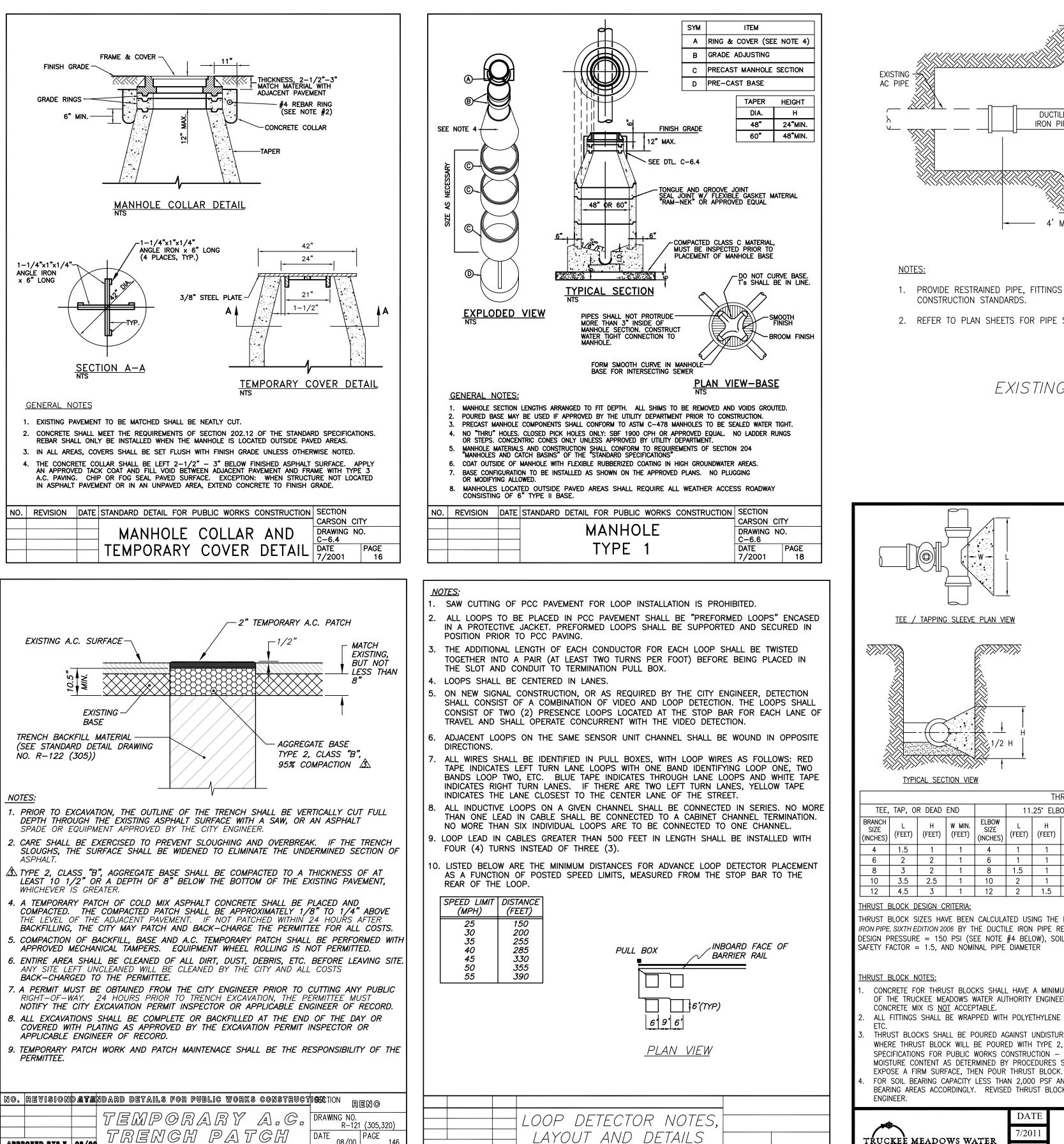
VALLEY

GUTTER

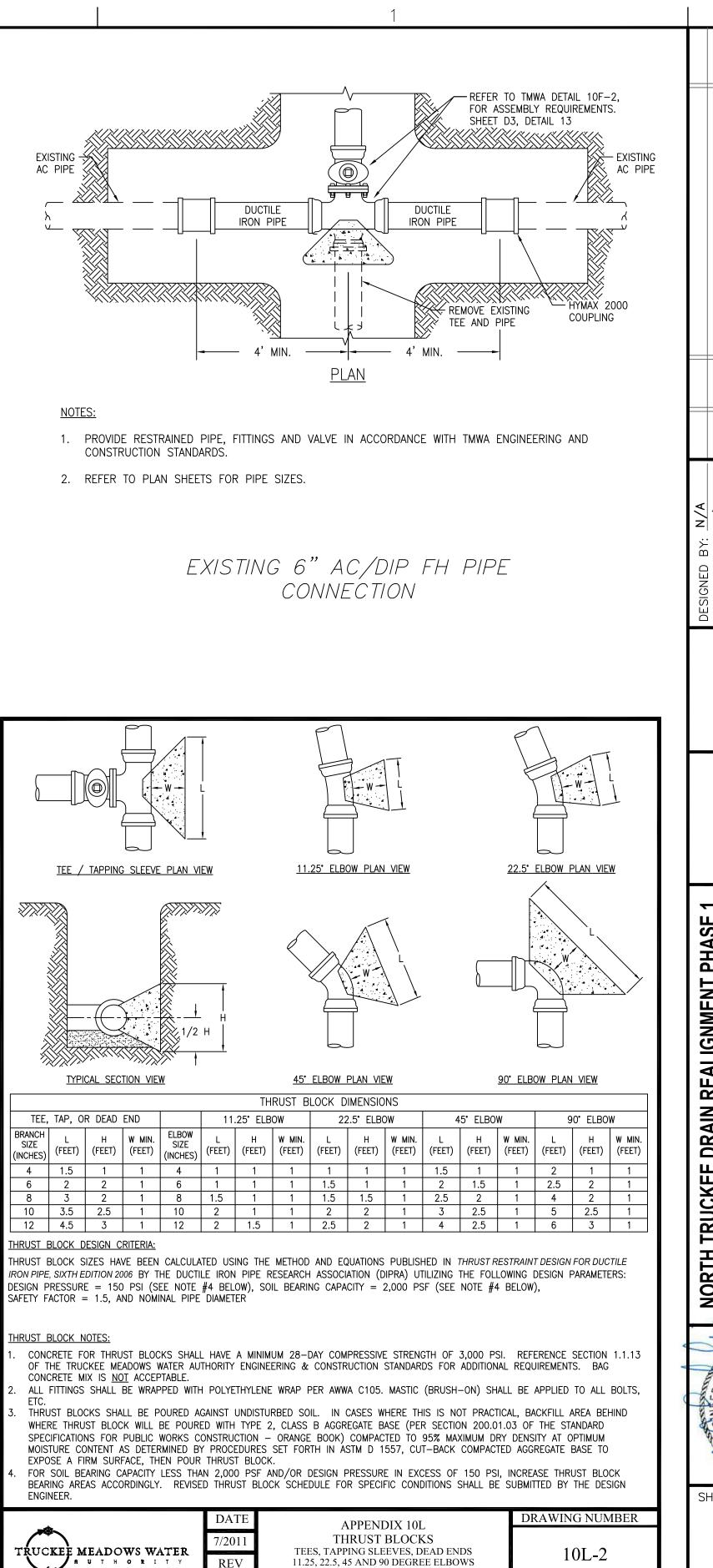


ADDENDUM 2 11/14/13





rks construct	IGENCTION RENO
A.C.	DRAWING NO. R-121 (305,320)
TCH	DATE 08/00 PAGE 146



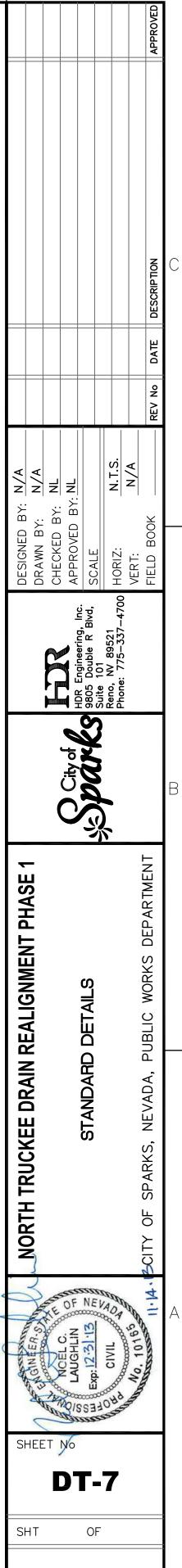
4" TO 12"

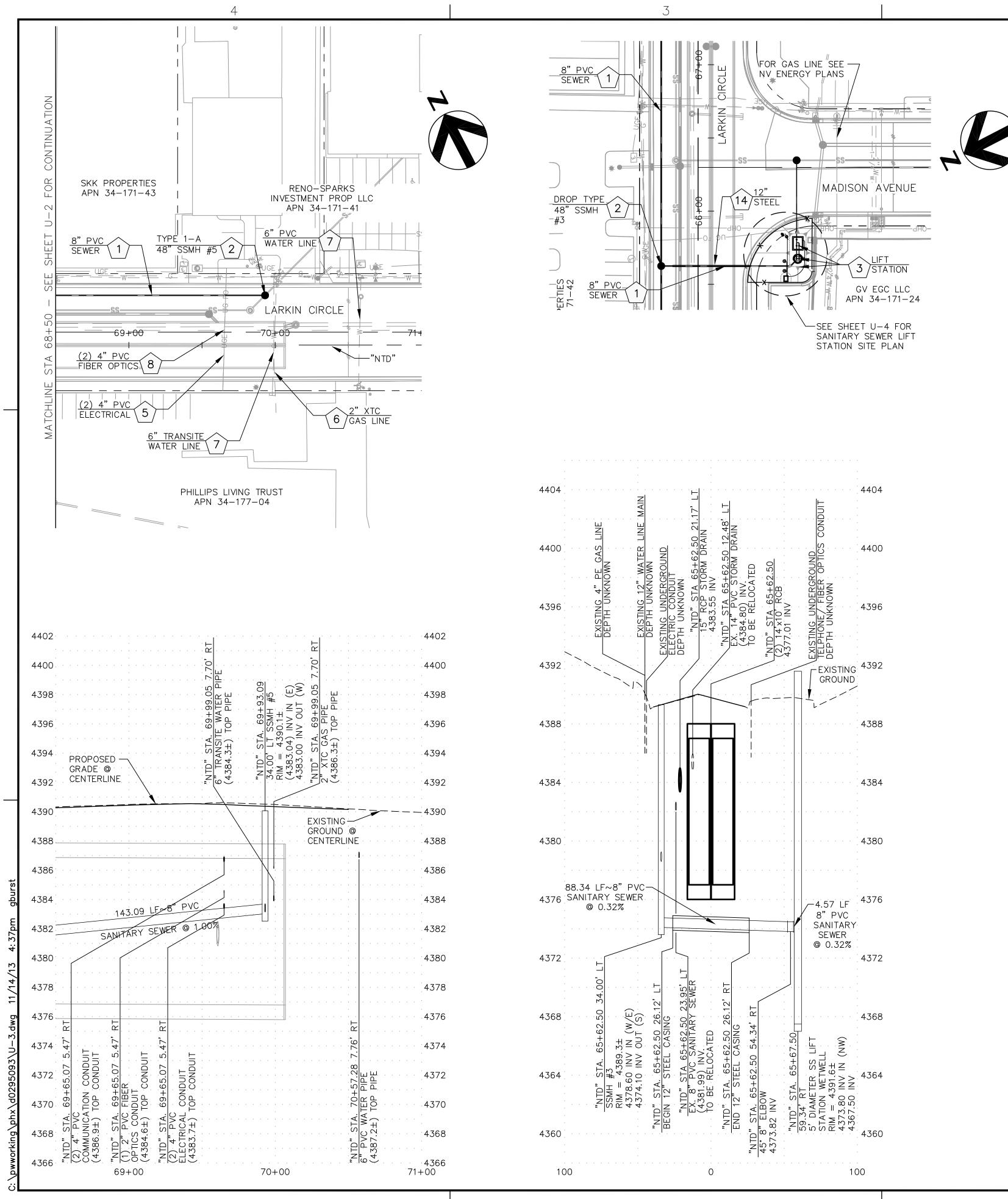
ELBOW

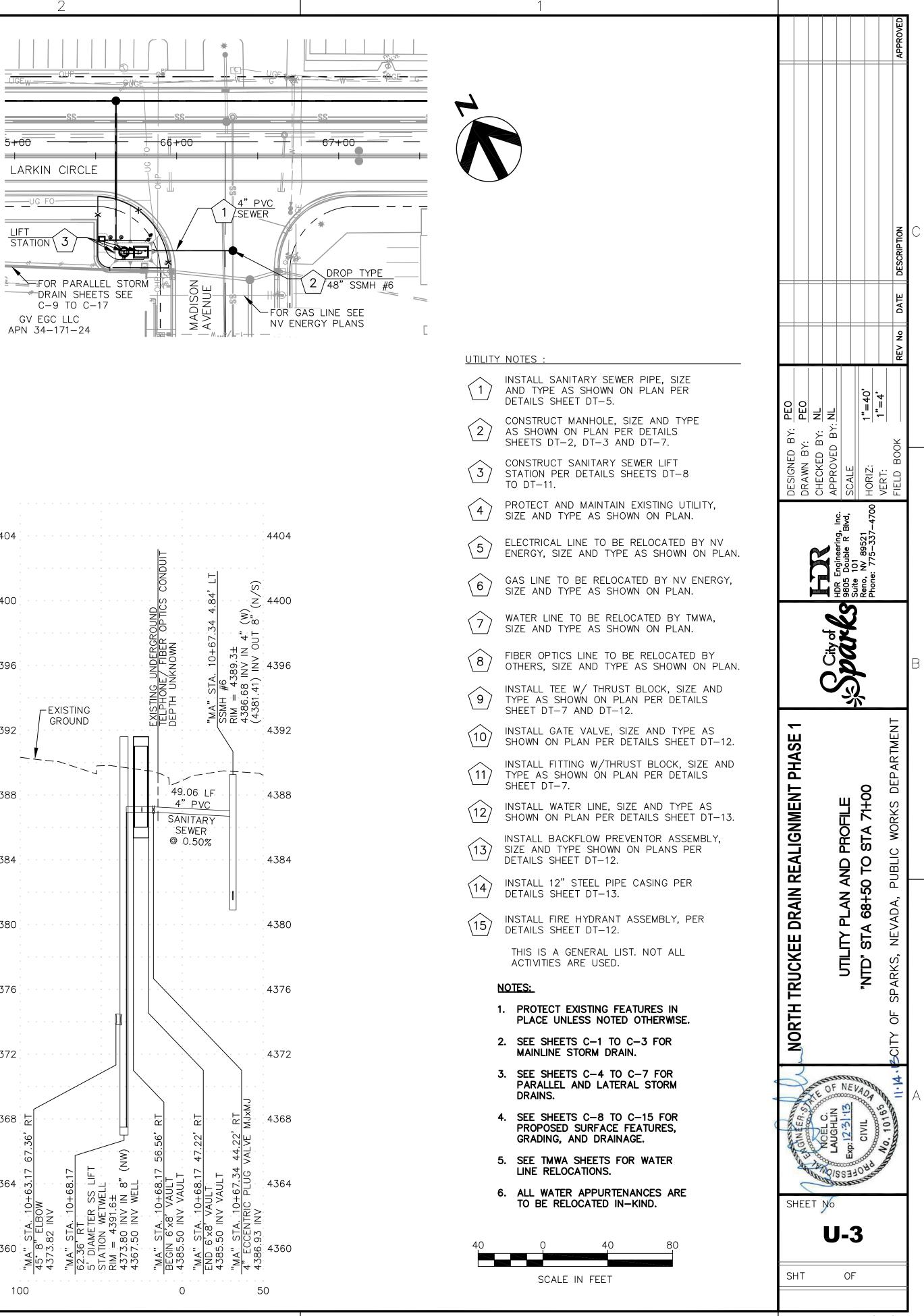
SIZE

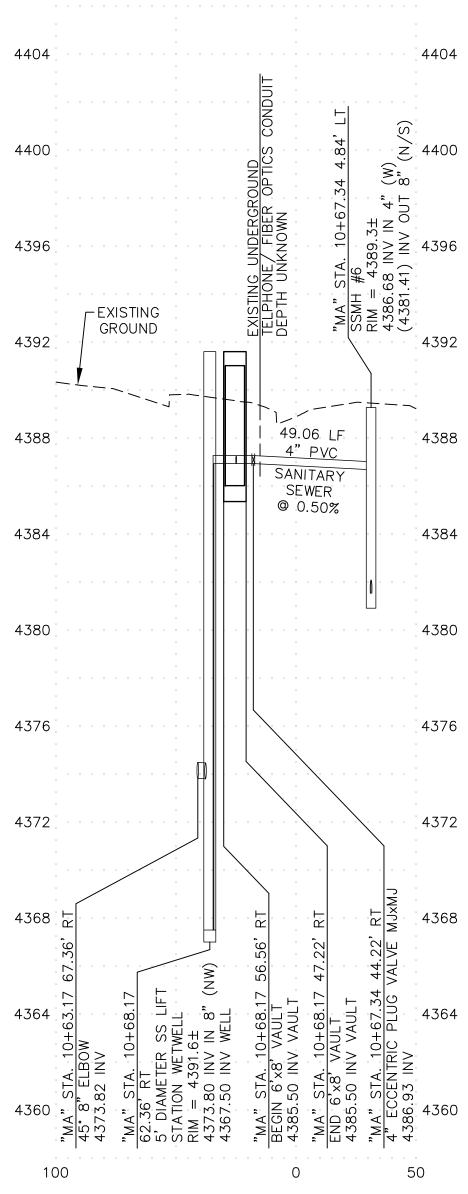
ŘUCKEĚ MEADOWS WATER

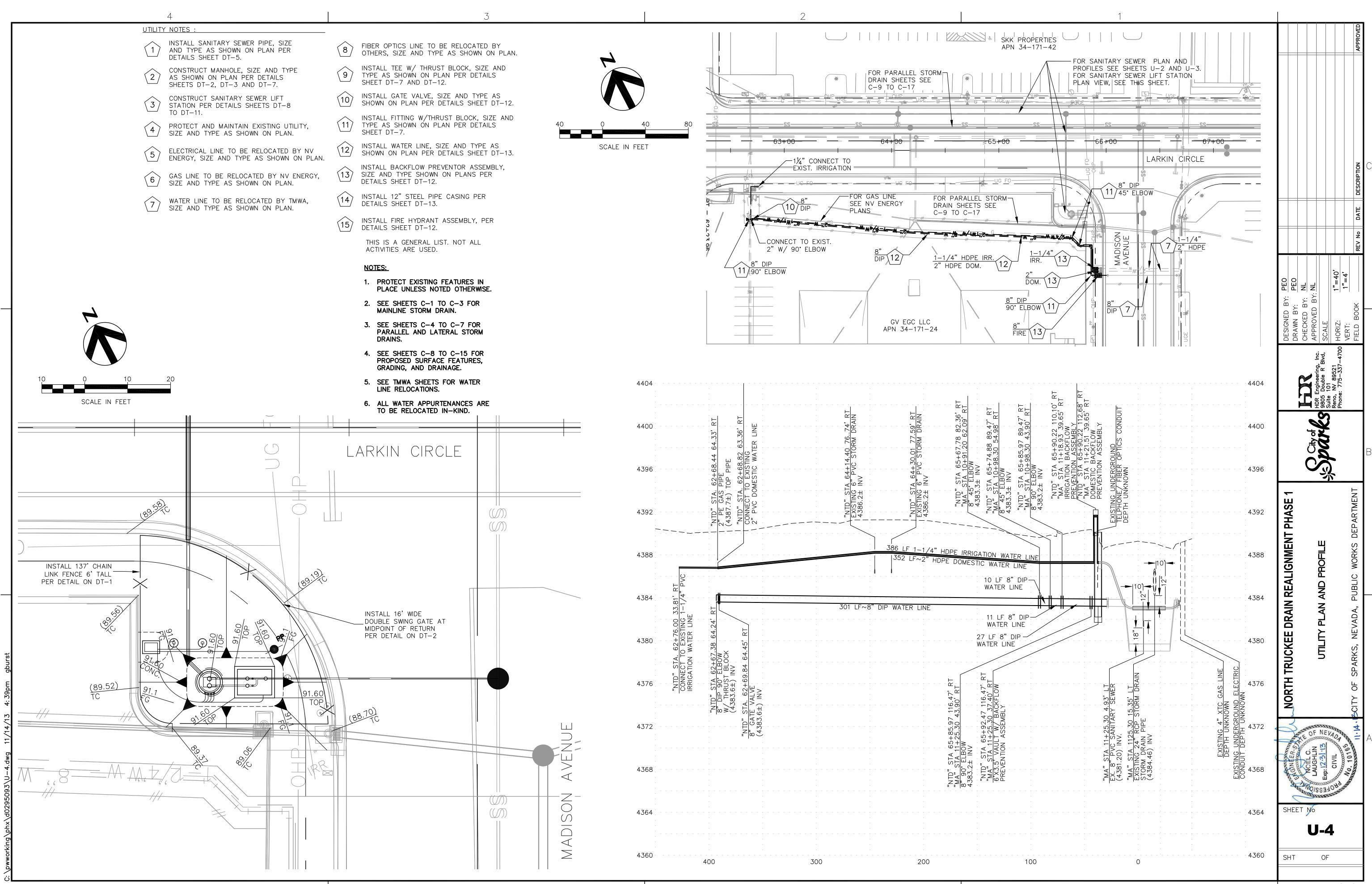
A U T H O R I T Y

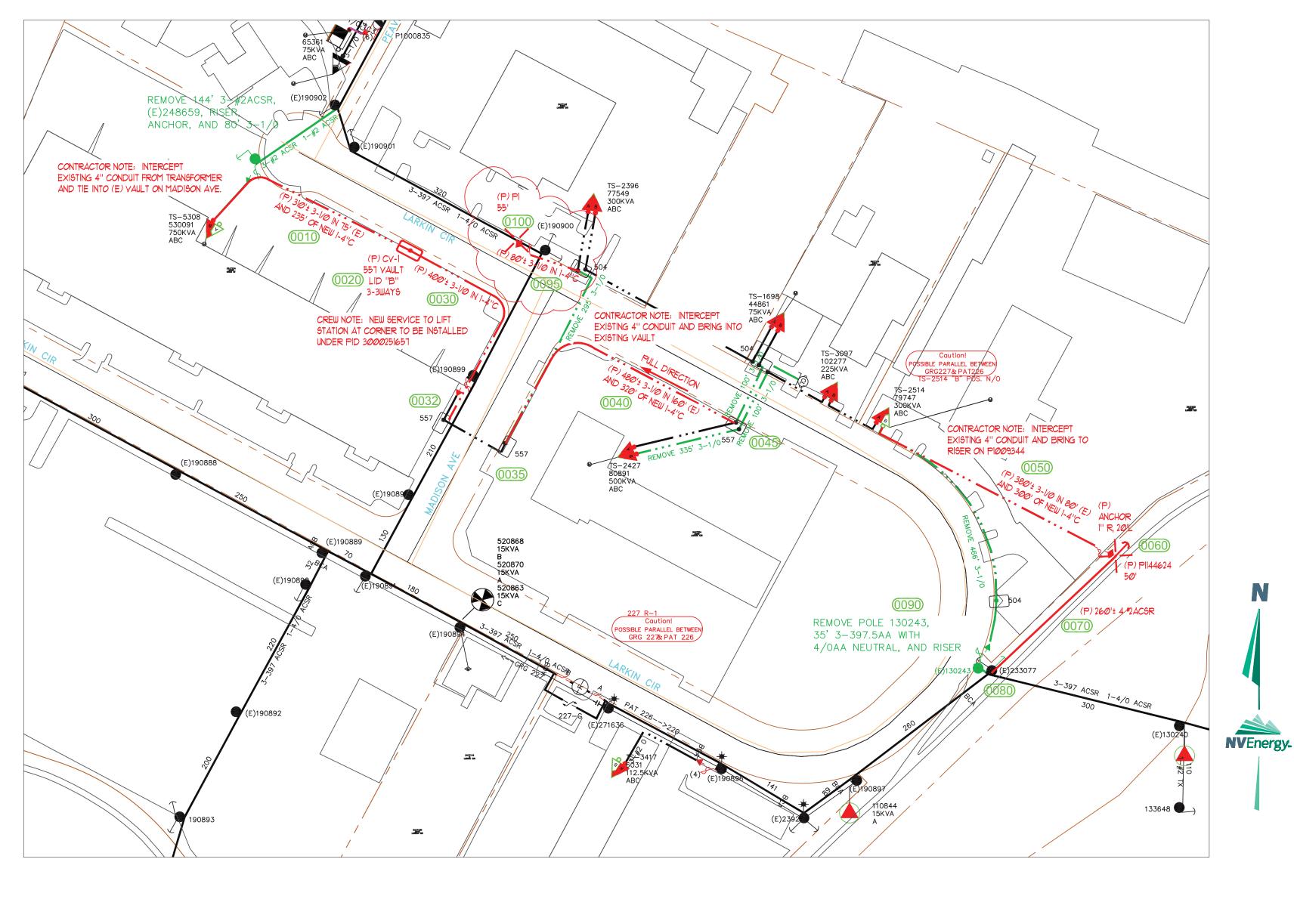












# NY ENERGY TO FURNISH AND / OR INSTALL:

	APPROX, 1570 CKT, FT, 25 KV 30 U/G PRIMARY C/O 3-1/0 CABLE IN 315' OF (E) AND 1255' OF NEW 1-4''C (CONDUIT BY CUSTOMER).
	APPROX. 260 CKT, FT, 30 O/H PRIMARY C/O 3-*2ACSR W/ 1-*2ACSR NEUTRAL
$\times$	I - 50' BUTT TREATED WOOD POLE.
←	1 - ANCHOR C/O 1''R, 20'L AND 1 - 1/2'' E.H.S. DOWN GUY.
•	PRIMARY RISER MATERIAL TO CONSIST OF STAND OFF BRACKET(S) AND LAG SCREWS ONLY.

(ALL RISER CONDUIT SUPPLIED BY CONTRACTOR.)

APPLICANT TO FURNISH AND / OR INSTALL:

1 - 557 CABLE VAULT 49"x79"x61" I.D. WITH LID "B" PER NVE. STD. *VB-0071U.

______ * PROPOSED APPROX. 1255 FT. 4" PVC CONDUIT.

APPLICANT IS RESPONSIBLE FOR MANDRILING CONDUIT AND INSTALLING A PULL LINE THAT MEETS OR EXCEEDS THE FOLLOWING REQUIREMENTS:

- THE PULL LINE WILL BE OF A FLAT DESIGN SHALL HAVE A MINIMUM BREAKING STRENGTH OF 400 LBS.
- WILL HAVE SEQUENTIAL FOOTAGE MARKINGS
- EXAMPLES OF PULL LINES THAT MEET THESE REQUIREMENTS (NVE. STK.#95-1305)
- NEPTCO "MULE TAPE" (WP400P) CONDUX INTERNATIONAL (08096203)
- SEE NVE VOLUME 17, SECTION 4-CD0001U.

NOTE: ALL CONDULT INSTALLATIONS BENEATH FOUNDATION AND SLABS TO BE RIGID STEEL OR CONCRETE ENCASED PER NVE STDS. CD-0003U.

ALL TRENCHING AND BACKFILL PER APPLICABLE NVE. STDS. TE-0001, TE-0003, TE-0004 AND TE*-0020.* 

- ALL STAKING REQUIREMENTS PER NVE, STD. GI-0001U/G/W AND GI-0002U.
- ALL STREET CUT PERMITS AND PAVEMENT CUTTING AND REPLACEMENT AS REQUIRED.

RETAINING WALL REQUIREMENTS PER NVE. STD. TE0040U.

# PRIMARY RIGER:

•

RISER MATERIAL C/O 4" GALVANIZED STEEL SWEEP, 10' OF 4" GALVANIZED STEEL CONDUIT ALONG WITH COUPLING ADAPTER AND 30' OF SCHEDULE 40 CONDUIT. STAND-OFF BRACKETS AND LAG SCREWS BY NVE. (NVE TO INSTALL 30' OF SCHEDULE 40 CONDUIT ONLY.)

BEFORE INSTALLATION OF THE UTILITY FACILITIES AND IF NO PUBLIC UTILITY EASEMENTS EXIST, THE OWNER OF RECORD SHALL SIGN APPROPRIATE EASEMENT DOCUMENTS.

# GENERAL COMMENTS:

CALL RENO ELECTRIC UNDERGROUND (888-999-1556) 48 HOURS PRIOR TO START OF CONSTRUCTION FOR TRENCH INSPECTION BEFORE COVERING TRENCH. (INCLUDE WORK ORDER NUMBER, ALONG WITH NAME AND PHONE NUMBER OF PROJECT FOREMAN, IN VOICE MESSAGE)

VAULTS, TRANSFORMERS AND SECONDARY BOXES WILL HAVE MINIMUM 3' FLAT AND CLEAR ON ALL FOUR SIDES, 10' CLEAR IN FRONT OF TRANSFORMERS.

EQUIPMENT BARRIER POSTS MAY BE REQUIRED PER NVE. STD. PE-0009U.

RETAINING WALLS MAY BE REQUIRED FOR ANY SLOPES GREATER THAN 15% PER NVE. STD. TE-0040-U.

ALL SECONDARY BOXES AND PRIMARY VAULTS SHALL BE TO FINISH GRADE. ALL MATERIAL SHALL BE ON THE JOB SITE PRIOR TO THE START OF ANY

WORK BY NVE.

REFER TO NVE. STDS. CIØØØIM FOR FURTHER CLARIFICATION OF DETAILS.

COMPACTION TESTS REQUIRED PER NVE. STD. SUBØIX.

NO TREE SHALL BE PLANTED UNDER OR ADJACENT TO ENERGIZED POWER LINES WHICH, AT MATURITY, SHALL GROW WITHIN 10 FEET OF THE ENERGIZED CONDUCTORS. NOR SHALL ANY PERMANENT STRUCTURE, FENCE, SHRUB OR TREE BE PLANTED CLOSER THAN 10 FEET IN FRONT AND 3 FEET FROM ALL OTHER SIDES OF A PAD MOUNTED TRANSFORMER.

NOTE: DEVELOPER IS RESPONSIBLE FOR ADHERENCE TO NV ENERGY GAS AND ELECTRIC STANDARDS. CONSTRUCTION STANDARDS CAN BE FOUND ON-LINE AT THE FOLLOWING WEB SITE: http://www.nvenergy.com/business/newconstruction.

THIS MAP ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES. NO RESPONSIBILITY IS ASSUMED AS TO THE SUFFICIENCY OR ACCURACY OF THE DATA DISPLAYED HEREON.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC DISTRIBUTION GUIDE, VOL. 17 AS CURRENTLY ADOPTED BY NVE. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

USE CAUTION! PRIOR TO EXCAVATION, CHECK TO ENGURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS AND/OR WATER FACILITIES.

SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

# NV ENERGY TO REMOVE:

1386' 3-1/Ø CABLE 144' 4-#2 ACSR CONDUCTOR 35' 3-397.5AA WITH 4/0AA NEUTRAL POLES #248659 AND #130243 2 PRIMARY RISERS 2 ANCHORS

DRAWING BASE ELECTRIC GAS STREETLIGHT	JLM JLM			8-2	0ATE 23–13 23–13			
Utility Designer	Engineer	VED BY: Design Facilitator		C. Pr	athodic otection			
NO. REVI	SION DESCRIPTIONS			D.	ATE	DI		
2 3 4 5								
6 7								
	Call BEFORE -YOU DO OVERHEAD 1-702-227-2929	Avoid ou utility lin			n D rgrour stly.	D		
R	VEnorau		P.0. Bo R77	ox 1010 7CSE	00			
	VEnergy Nergy Contact		io, NV.					
OFFICE: CELL: _# FAX:_# EMAIL:_ DESIGNE	NATOR: <u>TONI POWEI</u> <u># 775-834-7</u> <u>775-813-7</u> 775-834-7 <u>TPOWELL@N</u> ER: <u>TONI POWEI</u> TION HOTLINE#: <u>88</u>	7 <u>585</u> 3985 7808 IVENERGY.( _L	СОМ					
CUSTOM ATTENTI PHONE:_ FAX:_#_	DMER     CONTACT       MER:     CITY OF SF       ON:     ANDY HUMN       #     775-353-2       775-353-2       AHUMMEL@0	PARKS MEL 2375 1635						
CUST R PHONE:	REP:#							
TOWNS	SHIP-RANGE-SECTION 1920-11 1920-12	3417 3417 3417	APN 124 3 116 3 141 3	5417	133			
	SOURCE INF 227-U 25KV NOR GREG S	J/G-2 M OUT O		<u>1:</u>				
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NORTH TRUCKEE DRAIN -COM- CITY OF SPARKS								
EXHIBIT "A	N" APPLICANT INSTALLEI	CONDUIT	⊳	S	G	Ш		
	LE: 1:100		AUD#:	STL#:	GAS#:	ELE#: 300		
SCA	ELECTRIC DESIGN	C	AUD#:	STL#:	GAS#:			