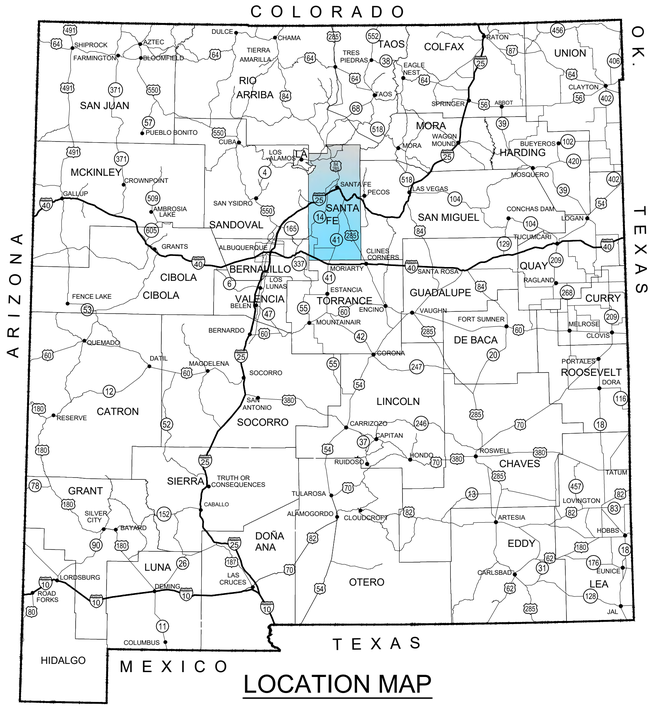
THESE CONSTRUCTION PLANS SHALL NOT BE USED OR REPLICATED FOR ANY PROJECT OTHER THAN THE SANTA FE COUNTY SR-14 SEWER INTERCEPTOR PROJECT AS EXPRESSLY INDICATED ON THE COVER SHEET AND GENERAL NOTES. SANTA FE COUNTY'S REUSE OF THIS WORK PRODUCT WITHOUT SOUDER, MILLER & ASSOCIATES' INVOLVEMENT OR CONSENT IS AT SANTA FE COUNTY'S SOLE RISK.

SANTA FE COUNTY
SR-14 SEWER INTERCEPTOR
CONSTRUCTION PLANS

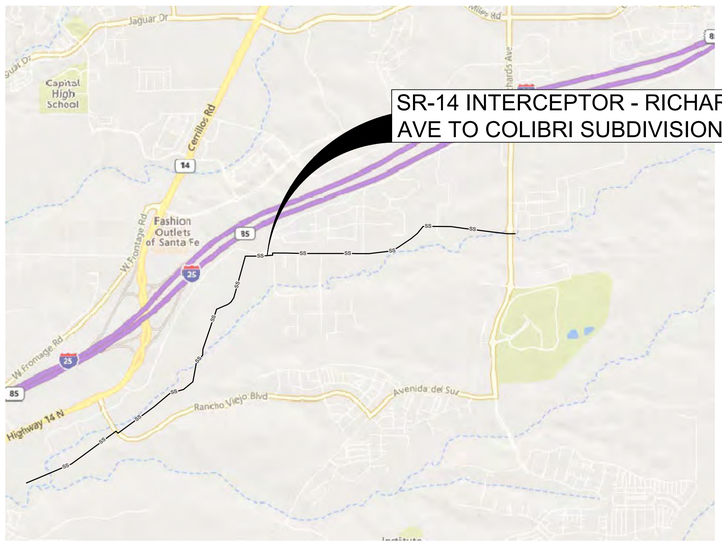
SANTA FE COUNTY, SANTA FE, NEW MEXICO

December 2025



LOCATION MAP

PROJECT DESCRIPTION:
SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION SEWER:
17,300 L.F. OF 10" SEWERLINE
300 L.F. OF 8" SEWERLINE



VICINITY MAP
1"=2000'

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION ON BEHALF OF SOUDER, MILLER & ASSOCIATES.

12-1-2025

KEATON P. CHANCELLOR, P.E. DATE
PROJECT MANAGER

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811 Know what's below. Call before you dig.

NOTICE OF EXTENDED PAYMENT PROVISION - THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

THE SEAL AND SIGNATURE OF THE PROFESSIONAL REGISTRANT IDENTIFIED ON THIS COVER SHEET DOES NOT SUGGEST RESPONSIBLE CHARGE FOR ALL SHEETS CONTAINED WITHIN THIS PACKAGE; PLAN SHEETS NOT SIGNED AND SEALED ARE NOT THE RESPONSIBILITY OF THE PROFESSIONAL REGISTRANT IDENTIFIED ON THIS COVER SHEET. PLEASE REFER TO PROFESSIONAL REGISTRANTS IDENTIFIED ON INDIVIDUAL PLAN SHEETS.

KEATON P. CHANCELLOR NEW MEXICO 24699 PROFESSIONAL ENGINEER 12/12/2025

Rev #	Date	Description	By	Chk'd

SOUDER, MILLER & ASSOCIATES
5454 Venice Avenue NE, Suite D
Albuquerque, NM 87113
Phone (505) 299-0942 Fax (505) 293-3430
www.soudermiller.com
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P:\9-Corlow AH Santa Fe Subdivision (9230488)\CAD\Civil\Offsite Utilities\Construction Plans\Oshara Water and Sewer Cover (9230488).dwg, 12/1/2025 1:55:10 PM, kpc

DRAWING INDEX

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G-3B	SANTA FE COUNTY GENERAL NOTES
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Engineering • Environmental • Geomatics
Serving the Southwest & Rocky Mountains
5454 Venice Avenue NE, Suite D
Albuquerque, NM 87113
Phone (505) 299-0942 Fax (505) 293-3430
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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
DRAWING INDEX

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025

Scale: Horiz:
Vert:

Project No: 6232636

Sheet: G-2

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GENERAL NOTES

GENERAL

1. THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND IS NOT LIABLE FOR PROBLEMS THAT ARISE FROM FAILURE TO FOLLOW THESE DRAWINGS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY OR FOR PROBLEMS THAT ARISE FROM FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS.
2. THESE CONSTRUCTION PLANS SHALL NOT BE USED OR REPLICATED FOR ANY PROJECT OTHER THAN THE SANTA FE COUNTY SR-14 SEWER INTERCEPTOR PROJECT AS EXPRESSLY INDICATED ON THE COVER SHEET AND GENERAL NOTES. SANTA FE COUNTY'S REUSE OF THIS WORK PRODUCT WITHOUT SOUDER, MILLER & ASSOCIATES' INVOLVEMENT OR CONSENT IS AT SANTA FE COUNTY'S SOLE RISK.

CONSTRUCTION REQUIREMENTS

3. CONTACT "NEW MEXICO ONE CALL" AT 1-800-321-2537, THREE (3) WORKING DAYS IN ADVANCE OF CONSTRUCTION FOR UTILITY DEMARCATION.
4. ALL WATERLINES SHALL BE INSTALLED TO A MINIMUM COVER OF FORTY-EIGHT (48) INCHES AND SHALL BE DETERMINED FROM THE ADJACENT ROADWAY ELEVATIONS IF THE ROADWAY IS LOWER THAN THE EXISTING ELEVATIONS ALONG THE WATERLINE ALIGNMENT, UNLESS NOTED OTHERWISE. THIS INCLUDES ANY CROSSING SERVICES OR LATERALS INSTALLED. EXCEPTIONS MUST BE AUTHORIZED BY THE ENGINEER.
5. THE CONTRACTOR SHALL STAMP THE CONCRETE OF EACH MANHOLE COLLAR AND VALVE COLLAR WITH THE UNDERLYING PIPE SIZES AND THE DIRECTION(S) OF FLOW. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE MANHOLE OR VALVE BID ITEMS, AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.
6. THE CONTRACTOR IS REQUIRED TO PROVIDE DUST AND EROSION PROTECTION TO INHIBIT DUST, WIND, AND AIR SEDIMENT MOVEMENT OFFSITE, AS PART OF GRADING WORK, THROUGHOUT CONSTRUCTION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES.
7. CONTRACTOR MUST CONTACT AND COORDINATE AS NECESSARY WITH LOCAL ELECTRIC SERVICE PROVIDER REGARDING REQUIREMENTS FOR PIPELINE CONSTRUCTION WITHIN 20 (TWENTY) FEET OF ELECTRIC POLES.

PERMITS

8. ALL PERMITS REQUIRED FOR CONSTRUCTION, INCLUDING ALL IRRIGATION DISTRICT, LOCAL, CITY, COUNTY, STATE, TRIBAL, AND FEDERAL PERMITS, ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS ALREADY PROVIDED BY THE ENGINEER IN THE CONTRACT DOCUMENTS.
9. ALL PERMIT FEES ARE PAYABLE BY THE CONTRACTOR, AND SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION UNLESS A SPECIFIC BID ITEM EXISTS FOR THE PERMIT WORK.
10. NO TIME EXTENSIONS WILL BE ALLOWED DUE TO THE NORMAL PERMITTING PROCESSES.
11. ANY FINES ASSOCIATED WITH NOT OBTAINING NECESSARY PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
12. IT IS THE ENGINEER'S RECOMMENDATION THAT ALL BIDDERS CONTACT THE APPROPRIATE AGENCIES PRIOR TO BIDDING TO ENSURE THAT ALL APPROPRIATE FEES, COSTS, AND SCHEDULES FOR THE PERMITS REQUIRED ARE KNOWN PRIOR TO BIDDING.
    PERMITS HAVE BEEN ACQUIRED BY THE OWNER AND ARE AVAILABLE UPON REQUEST. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS OF THE PERMITS RELATED TO CONSTRUCTION. COST OF COMPLIANCE WITH THESE PERMITS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.

ROCK EXCAVATION

13. THE ROCK DEPTHS SHOWN IN THESE PLANS ARE APPROXIMATIONS BASED ON THE GEOTECHNICAL EVALUATION REPORT, ARROYO HONDO DE SANTA FE, WT JOB NO. 3222JK148, PREPARED FOR JENKINSGAVIN AND DEVELOPMENT, FEBRUARY 1, 2023. THE CONTRACTOR WILL BE PAID FOR THE AMOUNT OF ROCK EXCAVATION ACTUALLY PERFORMED AT THE UNIT PRICE IN THE BID SCHEDULE.
14. SINCE THERE MAY BE LARGE VARIATIONS IN THE QUANTITY OF ROCK EXCAVATION REQUIRED, CONTRACTOR IS HEREBY NOTIFIED THAT THERE WILL BE NO ADDITIONAL COMPENSATION FOR OVERHEAD RECOVERY OR OTHER COSTS INCURRED BY THE CONTRACTOR FOR OVERRUNS OR UNDERRUNS (NO MATTER HOW SIGNIFICANT) ON THE ROCK EXCAVATION QUANTITIES.
15. THE CONTRACTOR SHALL COORDINATE CLOSELY WITH THE OWNER'S REPRESENTATIVE ON THE PROJECT FOR ALL ROCK EXCAVATION QUANTITIES, INCLUDING MAKING SURE THAT DEPTHS AND EXTENTS OF ROCK EXCAVATION ARE MEASURED AND AGREED UPON BEFORE ROCK EXCAVATION IS PERFORMED.

TRAFFIC CONTROL

16. THE CONTRACTOR SHALL MAINTAIN THE PROPER TRAFFIC CONTROL DEVICES DURING CONSTRUCTION IN COMPLIANCE WITH THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LOCAL, AND STATE AGENCIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTING, PROTECTING AND MAINTAINING ANY NECESSARY TRAFFIC CONTROL.

UTILITY LOCATION

17. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR UTILITY LOCATION, PROTECTION AND VERIFICATION PER STATE LAW. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE ENGINEER WITH REGARD TO RELOCATING, ADJUSTING, REPLACING AND/OR REPAIRING UTILITIES DURING CONSTRUCTION. ADDITIONALLY, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND OTHER OBSTRUCTIONS IN RELATION TO THE PROPOSED IMPROVEMENTS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMAL DELAY. DELAYS CAUSED OR COSTS INCURRED BECAUSE OF UTILITY CONFLICTS OR OTHER OBSTRUCTIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
18. UTILITIES SHOWN IN THESE CONSTRUCTION PLANS ARE SHOWN IN THEIR APPROXIMATE LOCATION ONLY, AND SHALL NOT BE RELIED UPON BY THE CONTRACTOR. FIELD MARKS MADE BY THE INDIVIDUAL UTILITIES SHALL OVERRIDE ANY LOCATION SHOWN IN THESE PLANS. UTILITIES LOCATED BY THE CONTRACTOR SHALL BE ANNOTATED AND THE LOCATION IDENTIFIED IN THE CONTRACTOR'S AS-BUILTS KEPT AND MAINTAINED ONSITE.
19. THE EXISTING UTILITIES, STRUCTURES, AND CULVERTS SHOWN ON THESE PLANS ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL PERFORM A FIELD REVIEW OF THE ALIGNMENT TWO WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ALLOW APPROPRIATE TIME FOR REDESIGN IF NECESSARY. AFTER THE CONTRACTOR HAS HAD HIS SURVEYOR STAKE THE PROPOSED WATERLINE, SEWERLINE, AND SEWER INTERCEPTOR AND THE EXISTING UTILITIES HAVE BEEN MARKED ON THE GROUND, THE CONTRACTOR SHALL CONDUCT A FIELD REVIEW OF THE WATERLINE, SEWER LINE, AND SEWER INTERCEPTOR ALIGNMENTS AS IT HAS BEEN STAKED. IF THE ALIGNMENT OF THE PROPOSED INFRASTRUCTURE WILL CREATE UTILITY CONFLICTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE ALIGNMENT CAN BE REVIEWED AND MODIFIED, IF NECESSARY. ALL MODIFICATIONS TO THE PROPOSED INFRASTRUCTURE ALIGNMENTS AND PROFILE MUST BE APPROVED BY THE ENGINEER. ANY CONSTRUCTION DELAYS CAUSED BY THE CONTRACTOR'S FAILURE TO PERFORM THE FIELD REVIEW, OR BY THE CONTRACTOR'S FAILURE TO NOTIFY THE ENGINEER OF ANY CONFLICTS TWO WEEKS PRIOR TO CONSTRUCTION SHALL BE DEEMED TO BE DELAYS CAUSED BY THE CONTRACTOR, AND THE CONTRACT TIME WILL NOT BE EXTENDED FOR SUCH DELAYS.
20. LOCATIONS OF EXISTING WATERLINES SHOWN IN THESE DRAWINGS ARE APPROXIMATE BASED ON THE BEST INFORMATION AVAILABLE. DUE TO THE UNCERTAIN NATURE OF THE WATERLINE LOCATIONS, ANY CONCRETE ENCASEMENT THAT MAY BE REQUIRED IS NOT SHOWN IN THESE DRAWINGS, BUT WILL BE REQUIRED AS OUTLINED IN THE NMSSPWC. THE COST FOR THIS CONCRETE ENCASEMENT AND/OR PRESSURE PIPE IN LIEU OF CONCRETE ENCASEMENT SHALL BE PAID FOR AT THE UNIT PRICES OUTLINED IN THE BID SCHEDULE. THE QUANTITIES FOR THESE ITEMS SHOWN IN THE BID SCHEDULE IS APPROXIMATE AND INTENDED TO ESTABLISH THE UNIT PRICE FOR THIS WORK. THE ACTUAL QUANTITY MAY VARY FROM THE CONTRACT QUANTITY.
21. THE MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. THE ACTUAL RIM ELEVATIONS SHALL BE SET SUCH THAT THEY ARE FLUSH WITH THE EXISTING GROUND AS SHOWN IN THE DETAILS. CONTRACTOR SHALL SURVEY EXISTING GRADES PRIOR TO DISTURBANCE TO ENSURE THAT THE GRADES ARE RETURNED TO THE ORIGINAL CONDITION.
22. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A COMPREHENSIVE CONSTRUCTION SEQUENCE AND SCHEDULE PRIOR TO COMMENCEMENT OF CONSTRUCTION THAT TAKES INTO ACCOUNT THE FIELD LOCATIONS OF EXISTING UTILITIES AND ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ENGINEER AND POWER COMPANY TO EXTEND ELECTRICAL SERVICE TO THE WELL AND METERING HOUSE. THE POWER EXTENSION WILL BE PAID FOR BY THE CONTRACTOR UTILIZING THE ELECTRICAL EXTENSION ALLOWANCE. THE CONTRACTOR SHALL BEGIN THIS COORDINATION EFFORT WITH SUFFICIENT TIME IN ADVANCE OF WELL AND METERING HOUSE CONSTRUCTION TO AVOID DELAYS. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING ELECTRICAL SERVICES THROUGHOUT DEMOLITION AND CONSTRUCTION.

EXISTING WATER SYSTEM

24. THROUGHOUT THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE EXISTING WATER SYSTEM OPERATING. THE CONTRACTOR SHALL REPORT WATER SHUTOFFS TO THE ENGINEER SEVEN (7) OR MORE DAYS IN ADVANCE OF THE SHUT-OFFS. ALL LOCAL RESIDENTS AND BUSINESSES SHALL BE CONTACTED BEFORE ANY DISCONNECTION OF WATER SERVICE. ANY INTERRUPTION OF WATER SERVICE SHALL BE KEPT TO THE MINIMUM LENGTH OF TIME POSSIBLE AND OCCUR DURING OFF-PEAK HOURS.
25. THE EXISTING WATER SYSTEM IS TO REMAIN OPERATIONAL UNTIL THE NEW SYSTEM IS ACCEPTED BY THE OWNER AND ANY DAMAGE TO THE EXISTING SYSTEM SHALL BE IMMEDIATELY REPAIRED BY CONTRACTOR.
26. ALL WATER SHUTOFFS MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. CONNECTION TO THE NEW POTABLE WATERLINE SHALL NOT TAKE MORE THAN EIGHT (8) HOURS. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED PROPERTY OWNERS OF THE PENDING OUTAGE ONE (1) WEEK PRIOR TO THE OUTAGE AND AGAIN ONE (1) DAY PRIOR TO THE OUTAGE.
27. FIRE HYDRANT LOCATIONS INDICATED ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER VIA THE RESIDENT PROJECT REPRESENTATIVE PRIOR TO INSTALLATION BY THE CONTRACTOR. THE CONTRACTOR SHALL REQUEST THE LOCATION FOR FIRE HYDRANT FROM THE OWNER VIA THE RESIDENT PROJECT REPRESENTATIVE AT LEAST ONE (1) WEEK PRIOR TO THE WORK COMMENCING.
28. CONTRACTOR SHALL VERIFY DEPTH AND SIZE OF CULVERT AT IRRIGATION AND DRAINAGE CROSSINGS PRIOR TO CONSTRUCTION.CONSTRUCTION.

PROTECTION OF EXISTING CONDITIONS

29. THE CARE AND PROTECTION OF ALL OTHER STRUCTURES, FENCING, LANDSCAPING, UTILITIES, PAVEMENT, DRAINAGE, STRUCTURES AND OTHER STREET APPURTENANCES IS THE RESPONSIBILITY OF THE CONTRACTOR. IF DAMAGED, LOST IN TRENCH, OR OTHERWISE DISTURBED, THESE ITEMS WILL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. WHERE TRENCHING BENEATH EXISTING UTILITY LINES OCCURS, THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPORTING THE LINE DURING CONSTRUCTION AND ENSURE THAT IT IS ADEQUATELY BACKFILLED AND COMPACTED.
30. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THE NECESSARY ADJUSTMENTS IN THE COMPACTION EQUIPMENT OR OPERATION FOR COMPACTION REQUIREMENTS SO THAT UNDERGROUND UTILITIES AND PERMANENT STRUCTURES ARE NOT DAMAGED.THE CONTRACTOR SHALL BE RESTRICTED TO A 35 TON (MAXIMUM) NON-VIBRATORY ROLLER FOR COMPACTION IN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR PERMANENTLY DAMAGE ADJACENT STRUCTURES.
31. ALL IMPROVEMENTS (INCLUDING FENCES, DITCHES, GUARDRAIL, SIGNS, TRAFFIC CONTROL DEVICES, DRIVEWAYS, LANDSCAPING, ORNAMENTS, ETC.) THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THE EXISTING CONDITIONS OF THE PROJECT SITE THROUGH VIDEO AS DESCRIBED IN THE PROJECT MANUAL.

PLAN CHANGES, AS-BUILTS, RECORD DRAWINGS

32. IF THERE IS A CONFLICT BETWEEN THE PLANS, SPECIFICATIONS AND/OR MANUFACTURER'S INSTRUCTIONS OR RECOMMENDATIONS FOR ANY DEVICE, PART, OR MATERIAL USED IN THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, FOR CLARIFICATION AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION OF SAID DEVICE, PART, OR MATERIAL.
33. THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES. THESE PLANS SHALL BE SUBJECT TO REVIEW BY THE ENGINEER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE ENGINEER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. PAYMENT MAY BE WITHHELD UNTIL AS-BUILT PLANS ARE CURRENT. THE CONTRACTOR SHALL PHOTOGRAPH THE CONSTRUCTION AND AREA OF DISTURBANCE ON A DAILY BASIS. THESE PHOTOS, A LOG OF THE DAILY PHOTOS AND THREE (3) SETS OF THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT.

CONSTRUCTION DEBRIS/DISPOSAL

34. THE CONTRACTOR SHALL PROVIDE AN AREA TO STORE CONSTRUCTION DEBRIS WHERE IT WILL NOT BE A NUISANCE. ALL DEBRIS SHALL BE CONTAINED IN SUCH A MANNER THAT WILL PREVENT SCATTERING. ALL DEBRIS, INCLUDING TREES AND UNDERGROWTH, SHALL BE DISPOSED OF PROPERLY WITHIN A PROPERLY PERMITTED LANDFILL. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE PRIOR TO SUBSTANTIAL COMPLETION.
35. UNSUITABLE MATERIAL FROM SITE GRADING AND REMOVAL OPERATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR AND CONSIDERED INCIDENTAL.
36. ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, UNSUITABLE CONSTRUCTION MATERIALS AND DEBRIS FROM CLEARING AND GRUBBING ARE TO BE PLACED IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE SECURED AND COORDINATED BY THE CONTRACTOR, WITH THE APPROPRIATE REGULATORY AGENCIES' APPROVAL AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, IN WRITING, OF THE DETAILS OF THE DISPOSAL OPERATIONS.
37. CONTRACTOR IS HEREBY GRANTED SALVAGE RIGHTS TO ANY AND ALL CONSTRUCTION DEBRIS (EXCEPT AS SHOWN IN THE PLANS AND SPECIFICATIONS), PROVIDED THE CONTRACTOR USES SAID DEBRIS IN A LAWFUL MANNER. A LIST OF ITEMS SALVAGED SHALL BE REPORTED IN WRITING TO THE ENGINEER AND THE OWNER PRIOR TO SALVAGE ITEMS LEAVING THE SITE. EQUIPMENT, PUMPS, ETC. SHALL BE SALVAGED BACK TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE OWNER.
38. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STREETS FREE AND CLEAR OF ANY DEBRIS THAT IS TRACKED TO AND FROM THE SITE.

SITE ACCESS AND PROTECTION

39. THE CONTRACTOR IS RESPONSIBLE FOR SECURING A LOCATION FOR THE STAGING AND STORAGE OF EQUIPMENT AND SUPPLIES. THE OWNER SHALL NOT BE RESPONSIBLE FOR THE THEFT, LOSS, OR DAMAGE OF ANY CONTRACTOR EQUIPMENT OR SUPPLIES.
40. THE CONTRACTOR SHALL PROVIDE BARRIERS OR FENCING OR DIRECT OVERSIGHT TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE. ACCESS TO EXISTING FACILITIES ADJACENT TO THE CONSTRUCTION AREA SHALL BE SAFELY MAINTAINED THROUGHOUT CONSTRUCTION UNLESS APPROVED BY THE ENGINEER AND UNLESS PROPER NOTICE HAS BEEN GIVEN TO AFFECTED PARTIES.

ENVIRONMENTAL AND HISTORICAL PRESERVATION

41. IN THE EVENT THE CONTRACTOR ENCOUNTERS ITEMS OF ENVIRONMENTAL, CULTURAL AND/OR HISTORICAL IMPORTANCE, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY AND WORK IN THE AREA SHALL IMMEDIATELY CEASE UNTIL THE CONTRACTOR RECEIVES WRITTEN AUTHORIZATION TO PROCEED FROM THE OWNER/ENGINEER.

SITE RESTORATION

42. SITE RESTORATION, INCLUDING TEMPORARY EROSION CONTROL PROVISIONS, IS A PREREQUISITE FOR PERIODIC AND FINAL PAYMENT.
43. SITE RESTORATION SEEDING OR PLANTING OF ANY DISTURBED AREAS SHALL FOLLOW NPDES STANDARDS. TOPSOIL EXCAVATION FROM THE SITE SHALL BE FREE OF WEEDS.

CONSTRUCTION STANDARDS

44. THE CONSTRUCTION OF THE PROJECT WILL BE GOVERNED BY THE FOLLOWING SPECIFICATIONS AND GUIDELINES COPIES OF WHICH SHALL BE KEPT AT THE CONSTRUCTION SITE BY THE CONTRACTOR AT ALL TIMES.
    A. THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, LATEST EDITION.
    B. SANTA FE COUNTY PUBLIC WORKS DEPARTMENT SPECIFICATIONS AND STANDARD DRAWINGS, LATEST EDITION.
    C. THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
    D. RECOMMENDED STANDARDS FOR WATER AND WASTEWATER FACILITIES (I.E. TEN STATES STANDARDS).
    E. OCCUPATIONAL SAFETY HEALTH ADMINISTRATION REGULATIONS FOR TRENCHING, SHORING & EXCAVATION.
    F. SUPPLEMENTAL TECHNICAL SPECIFICATIONS. ANY CONFLICT BETWEEN THE REQUIREMENTS OF THE SPECIFICATIONS SHALL BE RESOLVED BY THE ENGINEER. IN GENERAL, THE MORE STRINGENT SPECIFICATION SHALL GOVERN.
44. ALL COMPONENTS, MATERIALS AND TREATMENT CHEMICALS THAT COME INTO CONTACT WITH DRINKING WATER SHALL BE CERTIFIED FOR CONFORMANCE TO ANSI/NSF STANDARD 60 OR 61, AS APPLICABLE.

CONSTRUCTION LIMITS

45. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE CONSTRUCTION LIMITS OF THE PROJECT AND SHALL IN NO WAY ENCROACH ONTO ADJACENT PROPERTIES UNLESS LEGAL EASEMENTS ARE PROVIDED OR SECURED BY THE CONTRACTOR. ALL FILL AND CUT SLOPES FOR STRUCTURES SHALL BE SET BACK FROM THE PROPERTY LINE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY AGREEMENTS NECESSARY OR DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES.
46. THE LIMITS OF CONSTRUCTION AND LOCATIONS OF THE CONTRACTORS STAGING AREAS SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE LIMITS OF CONSTRUCTION SHALL BE CLEARLY DELINEATED AND SHALL BE THE MINIMUM REQUIRED TO MAINTAIN ALL WORKERS IN A SAFE CONDITION, TO PROVIDE ACCESS, AND TO MEET OSHA REGULATIONS.

SAFETY

47. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. REPORTS SHALL BE MADE IMMEDIATELY TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE TEAM AT (505) 827-4308 OR (505) 470-3657, THE NATIONAL RESPONSE TEAM AT 1-800-424-8802 AND TO THE ENGINEER.
48. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. AND FOR KNOWLEDGE AND COMPLIANCE WITH APPLICABLE OSHA STANDARDS. THE CONTRACTOR SHALL MAINTAIN ALL TRENCHES IN A SAFE CONDITION PROTECTING THE WORKERS AND THE GENERAL PUBLIC. TRENCH PROTECTION SHALL BE IN ACCORDANCE WITH APPLICABLE OSHA REGULATIONS. EXCAVATIONS SHALL BE SLOPED, BRACED, OR SHORED AS REQUIRED BY OSHA REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFE HANDLING OF CONSTRUCTION EQUIPMENT AND MATERIALS TO AND FROM THE STAGING/STORAGE AREA AND FOR SITE SECURITY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE MADE THEREFOR.
49. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 30' FROM THE EDGE OF THE DRIVING LANE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
50. PRIOR TO AND DURING CONSTRUCTION, ALL ACCESS ROADS SHALL BE SERVICEABLE AND MAINTAINED FOR FIRE PROTECTION AND EMERGENCY VEHICLE ACCESS.

SWPPP

51. A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED FOR THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ITS PREPARATION AND IMPLEMENTATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
52. THE CONTRACTOR IS REQUIRED TO PROVIDE DUST AND EROSION CONTROL PROTECTION, AS A PART OF GRADING WORK, THROUGHOUT CONSTRUCTION IN ACCORDANCE W/ NPDES BEST MANAGEMENT PRACTICES AND PER THE PROJECT SWPPP, IF APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE NECESSARY SITE EROSION CONTROL DEVICES FOR INHIBITING DUST, WIND, AND AIR SEDIMENT MOVEMENT OFFSITE THROUGHOUT CONSTRUCTION.

SURVEY

53. CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION STAKING NECESSARY TO CONSTRUCT THE PROJECT. THE ENGINEER WILL SUPPLY CONTRACTOR WITH INFORMATION RELATED TO PROJECT COORDINATES AND CONTROL. THE CONSTRUCTION STAKING SHALL BE COMPLETED UNDER THE SUPERVISION OF A LICENSED SURVEYOR. THE CONSTRUCTION SURVEYOR SHALL VERIFY THE PROJECT CONTROL, THE EXISTING AND PROPOSED GRADES, EXISTING AND PROPOSED BUILDING FOOTPRINTS, SETBACKS AND TOPOGRAPHY PRIOR TO CONSTRUCTION. IF THE BID FORM DOES NOT INCLUDE AN ITEM FOR CONSTRUCTION STAKING, THE COST THEREOF WILL BE CONSIDERED INCIDENTAL TO RELATED WORK.
54. THE CONTRACTOR SHALL NOT DISTURB, COVER, OR REMOVE ANY SURVEY MONUMENTS, INCLUDING TRIANGULATION STATIONS, BENCHMARKS, MONUMENTS, SECTION CORNERS, N.M.D.O.T. MONUMENTS, LAND GRANT MARKERS, OR ANY OTHER PERMANENT REFERENCE MARKERS LOCATED WITHIN THE CONSTRUCTION LIMITS OR ON THE RIGHT-OF-WAY LINE OF THIS PROJECT UNLESS WRITTEN DOCUMENTATION REGARDING REFERENCING OF SAID MARKER HAS BEEN PROVIDED BY THE CONTRACTOR TO THE ENGINEER FOR HIS/HER APPROVAL. THE CONTRACTOR SHALL RESET DESTROYED MONUMENTS IN ACCORDANCE WITH STATUTE 61-23-1 NMSA AT HIS/HER OWN EXPENSE.

ABBREVIATIONS

AWWA	AMERICAN WATER WORKS ASSOCIATION
BIA	BUREAU OF INDIAN AFFAIRS
CBC	CONCRETE BOX CULVERT
CI	CAST IRON
CIPP	CURED-IN-PLACE PIPE
CL or ℄	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONN	CONNECTION
D.I.	DUCTILE IRON
DIA	DIAMETER
E	EASTING
E.G.	FOR EXAMPLE
E.A.E.	ENGINEER APPROVED EQUAL
EG	EXISTING GROUND
ELEC	ELECTRIC
EX or EXIST.	EXISTING
FG	FINISH GRADE
FIG.	FIGURE
FL	FLANGE
FNPT	FEMALE NATIONAL PIPE THREAD
GALV	GALVANIZED
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GP	GRINDER PUMP
H	HEIGHT
HDPE	HIGH DENSITY POLYETHYLENE PIPE
ID	INNER DIAMETER
IE	INVERT ELEVATION
INV	INVERT
KAIC	KILO AMPS INTERRUPTING CAPACITY
LF	LINEAR FEET
LPSS	LOW PRESSURE SEWER SYSTEM
LS	LIFT STATION
MAX	MAXIMUM
Ma	MILLIAMP (ONE THOUSANDTH OF AN AMP)
MIN	MINIMUM
MJ	MECHANICAL JOINT
MH	MANHOLE
MRGCD	MIDDLE RIO GRANDE CONSERVANCY DISTRICT
N	NORTHING
NE	NORTHEAST
NGS	NATIONAL GEODETIC SURVEY
NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NMED	NEW MEXICO ENVIRONMENT DEPARTMENT
NTS	NOT TO SCALE
NW	NORTHWEST
OD	OUTER DIAMETER
OHD	OVERHEAD
PE	POLYETHYLENE
psi	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT OF WAY
SCH	SCHEDULE
SE	SOUTHEAST
SPD	SURGE PROTECTION DEVICE
SPECS	SPECIFICATIONS
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
SVC	SERVICE
UGD	UNDERGROUND
SW	SOUTHWEST
TELE	TELEPHONE
TP	TOP OF PIPE
UTIL	UTILITY
USBOR	UNITED STATES BUREAU OF RECLAMATION
WP	WEATHER PROOF
XING	CROSSING

LEGEND
EXISTING

- WATER VALVE
- WM — WATER METER
- W — WELL
- HYDRANT
- S — SEWER MANHOLE
- GAS VALVE
- LAMP
- MISCELLANEOUS UTILITY
- TELECOM
- POWER POLE
- GUY ANCHOR
- J — ELECTRICAL J-BOX
- T — TELEPHONE PEDESTAL
- STORM DRAIN INLET / OUTLET
- BUILDING
- CATTLE GUARD
- ROAD SIGN
- EXISTING DRAINAGE WASH
- GUARD RAIL
- PAVED ROAD EDGE
- DIRT ROAD EDGE
- 5610 — MAJOR CONTOUR
- 5608 — MINOR CONTOUR
- FENCE
- OHE — OVERHEAD POWER LINE
- UGE — UNDERGROUND POWER LINE
- OHT — OVERHEAD TELEPHONE LINE
- UGT — UNDERGROUND TELEPHONE LINE
- SS — SANITARY SEWER LINE
- W — WATER LINE
- G — GAS LINE

LEGEND
PROPOSED

- SS — SEWER LINE
- 5610 — MAJOR CONTOUR
- 5608 — MINOR CONTOUR
- S — SEWER MANHOLE

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SOUDER, MILLER & ASSOCIATES
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Serving the Southwest & Rocky Mountains
5454 Venice Avenue NE, Suite D
Albuquerque, NM 87113
Phone (505) 299-0942 Fax (505) 293-3430
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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
GENERAL NOTES AND LEGEND

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/25/2025

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025
Scale: Horiz: Vert:
Project No: 6232636
Sheet: G-3A

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ROADWAY CONSTRUCTION

1. ALL ROADWAY CONSTRUCTION AND RE-CONSTRUCTION SHALL COMPLY WITH THE NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2007 EDITION AND SUBSEQUENT REVISIONS.
2. A TRAFFIC CONTROL PLAN STAMPED BY A NM PROFESSIONAL ENGINEER IS REQUIRED FOR ALL PROJECTS WITHIN ANY SANTA FE COUNTY RIGHT OF WAY.
3. THE CONTRACTOR MUST ADHERE TO ALL REQUIREMENTS AS SET FORTH IN ORDINANCE 2003-1 EXCAVATION/RESTORATION ORDINANCE FOR ALL WORK WITHIN SANTA FE COUNTY RIGHT OF WAY.
4. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH N.M. DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATION, AS WELL AS THE MOST CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. UNLESS OTHERWISE SPECIFIED HEREIN, ALL COSTS RELATED TO TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE PROJECT.
5. DRAINAGE PIPE SPECIFIED AS CORRUGATED METAL PIPE (CMP) SHALL BE 16-GAUGE MINIMUM AND STORM DRAIN MANHOLES SHALL HAVE STANDARD SF COUNTY COVERS AND RINGS.
6. CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION ACTIVITY WITHOUT THE APPLICABLE PERMITS FROM THE SANTA FE COUNTY. A COPY OF THE APPROVED DRAWINGS SHALL ALWAYS BE AVAILABLE AT THE CONSTRUCTION SITE DURING BUSINESS HOURS AND ORGANIZED BY THE PROJECT ENGINEER.
7. A SANTA FE COUNTY INITIATED PRECONSTRUCTION CONFERENCE SHALL BE CONDUCTED IN THE PRESENCE OF THE PROJECT ENGINEER AND OR THE OWNERS PROJECT REPRESENTATIVE (OPR) PRIOR TO THE INITIATION OF ANY CONSTRUCTION ACTIVITY. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE COUNTY NO LESS THAN 24 HRS FROM THE BEGINNING OF ANY CONSTRUCTION WORK.
8. THE OPR SHALL BE RESPONSIBLE FOR INITIATING ANY NECESSARY REVISIONS TO THE APPROVED DESIGN DRAWINGS, ALL APPROPRIATE DRAWINGS AND DESIGN CRITERIA TO SUPPORT SUCH CHANGES. ALL CHANGE-SUPPORTING DOCUMENTATION SHALL BE STAMPED BY A LICENSED ENGINEER IN NEW MEXICO, AND APPROVED BY SANTA FE COUNTY AS A CHANGE ORDER PRIOR TO EXECUTING ANY WORK.
9. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A NEW MEXICO PROFESSIONAL SURVEYOR FOR VERIFICATION OF CRITICAL HORIZONTAL AND VERTICAL CONTROL AND THE CERTIFICATION OF RECORD DRAWINGS. CRITICAL ELEVATIONS OR HORIZONTAL CONTROL MAY BE IDENTIFIED IN THE DRAWINGS, OR MAY BE IDENTIFIED BY THE COUNTY PROJECT MANAGER OR OPR AT HIS/HER DISCRETION. THE CONTRACTOR SHALL MAINTAIN AT THE SITE A COPY OF ALL FIELD NOTES, TO BE MADE AVAILABLE FOR REVIEW BY THE COUNTY PROJECT MANAGER OR OPR AT ANY TIME DURING THE EXECUTION OF THE PROJECT. THE UPDATING OF SUCH DRAWINGS AND FIELD NOTES SHALL BE DONE FREQUENTLY. NOT LESS THAN ONCE EVERY TWO WEEKS PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. CONTRACTOR SHALL SUBMIT TO THE OPR COMPLETE RECORD DRAWINGS, SHOWING ANY REVISED CRITICAL X,Y, AND Z DATA FOR PIPE INVERTS, MANHOLE RIMS, VALVE BOXES, SERVICE CONNECTIONS ETC. THESE DATA SHALL BE STAMPED BY A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR, AND SUBMITTED TO THE COUNTY PROJECT MANAGER OR OPR IN PRELIMINARY FORM FOR REVIEW AND APPROVAL. ANY REVISIONS NECESSARY SHALL BE RE-SUBMITTED IN THE FINAL PROJECT CLOSEOUT SUBMITTAL PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. FINAL AS-BUILTS SHALL BE SUBMITTED ON 24X36 AND IN PDF FORMAT.
10. IF EXISTING UTILITIES HAVE BEEN SHOWN ON THESE DRAWINGS THEY ARE FOR REFERENCE PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SPOT-LOCATION OF ALL EXISTING UNDERGROUND UTILITIES BY THE APPROPRIATE UTILITY COMPANY. CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL AT (800)321-2537, TO COORDINATE SPOT LOCATION OF UNDERGROUND UTILITIES NO LESS THAN 2 DAYS PRIOR TO INITIATING ANY WORK.
11. FOR ALL CONCRETE USED, THE DESIGN COMPRESSIVE STRENGTH AT 7 DAYS 1,500 PSI MINIMUM, AND 4,000 PSI AT 28 DAYS. THE CONCRETE SHALL BE A 6 BAG MIX AND MAXIMUM 3/4 INCH AGGREGATE SIZE. AIR ENTRAINMENT SHALL BE BETWEEN 4 AND 7 PERCENT.
12. THREE (3) CONCRETE CYLINDER SAMPLES SHALL BE TAKEN FOR EVERY 50 CUBIC YARDS OF CONCRETE INSTALLED, OR A MINIMUM OF ONE SAMPLE PER DAY, WHICHEVER IS GREATER. CONCRETE CYLINDERS SHALL BE TEST-BROKEN AT 7 DAY INTERVALS. TEST RESULTS SHALL BE SUBMITTED DIRECTLY TO THE OPR, AND TO THE COUNTY IN THE FINAL PROJECT CLOSEOUT SUBMITTAL, PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
13. NOT LESS THAN 5 DAYS PRIOR TO INITIATING ANY WORK, THE CONTRACTOR SHALL SUBMIT A DUST SUPPRESSION AND EROSION CONTROL PLAN FOR THE PROJECT MANAGER AND OR OPR'S APPROVAL. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN SUCH A MANNER THAT WILL HAVE NO ADVERSE EFFECT UPON ADJACENT PROPERTIES OR PUBLIC ROADWAYS.
14. CLEARING SHALL BE KEPT TO A MINIMUM, AND STABILIZATION OF BARE SURFACES SHALL BEGIN PROMPTLY AFTER COMPLETION OF CONSTRUCTION ACTIVITIES, AND IN COMPLIANCE WITH EPA REQUIREMENTS IN THE PROJECT'S SWPPP.
15. CONTRACTOR SHALL CONFINE ALL CONSTRUCTION OPERATIONS TO THE LIMITS OF THE PROJECT DEFINED IN THESE DRAWINGS, AND IN NO WAY ENCROACH ONTO ADJACENT PROPERTIES, UNLESS LEGAL EASEMENTS ARE PROVIDED. CONTRACTOR SHALL BE HELD SOLELY RESPONSIBLE FOR ANY AGREEMENTS NEEDED, OR DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING ROADS AND UTILITIES.
16. OVER-EXCAVATION OF ANY UTILITY TRENCHES SHALL NOT BE PERMITTED, UNLESS IT IS DETERMINED, TO THE SATISFACTION OF THE DESIGN ENGINEER, THAT THE SUBSOIL IS NOT SUITABLE FOR PIPE BEDDING AND MUST BE REPLACED WITH IMPORTED FILL. OVER-EXCAVATION PERFORMED UNNECESSARILY BY THE CONTRACTOR SHALL BE REMEDIED WITH CLASSIFIED FILL AND COMPACTION AS REQUIRED FOR CLASS-D BEDDING OR BETTER, AT THE CONTRACTOR'S EXPENSE.
17. ONE SET OF BACKFILL DENSITY TESTS SHALL BE PERFORMED FOR EVERY 12 INCH LIFT FOR EACH 200 LINEAR FEET OF PIPELINE, OR FOR ANY STRUCTURE THAT REQUIRES COMPACTED FOUNDATION OR CONTROLLED BACKFILL. FOR PIPELINES OR UTILITIES IN ROADWAYS THE THE TESTING INTERVAL SHALL BE FOR EACH 100 LINEAR FEET.
18. SUBGRADE, BASE MATERIAL , ASPHALT-TREATED BASE, AND ASPHALT SURFACE COURSE (MARSHALL) SHALL BE TESTED FOR COMPACTION EVERY 100 LINEAR FEET. ONE ASPHALT SAMPLE SHALL BE TAKEN FOR EVERY 500 TONS INSTALLED, OR ONE A DAY, WHICHEVER IS LESS, SAMPLES SHALL BE TESTED AND THE RESULTS SENT TO THE OPR.
19. BASECOURSE SHALL BE COMPACTED TO NO LESS THAN 98% OF MAXIMUM DENSITY USING AASHTO, T-180 MODIFIED MOISTURE DENSITY TEST. BASECOURSE SHALL MEET GRADATION REQUIREMENTS SPECIFIED IN TABLE 421 CLASS B, NMSHTD, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
20. CONTRACTOR SHALL SUBMIT ASTM OR AASHTO CERTIFICATES OF MATERIALS' COMPLIANCE TO THE OPR, BUT NO LESS THAN 5 DAYS PRIOR TO INITIATING ANY WORK INVOLVING SUCH MATERIALS. OPR SHALL SUBMIT THESE MATERIAL CERTIFICATES TO THE COUNTY IN THE FINAL PROJECT CLOSEOUT SUBMITTAL, PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
21. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS (MARKS) FROM DAMAGE DURING CONSTRUCTION. IF DURING THE EXECUTION OF THE PROJECT, THE CONTRACTOR'S ACTIVITIES DISTURB OR DESTROY SUCH MARKS, A NEW MEXICO LICENSED SURVEYOR HIRED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL RE-ESTABLISH THE MARKS IN ACCORDANCE WITH THE STANDARDS AND PROCEDURES SET FORTH BY THE "GEODETIC MARK PRESERVATION GUIDEBOOK". FOR MORE INFORMATION CONTACT NGS MARK PRESERVATION CENTER, NOAA (505) 768-3606.
22. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES FREE OF DUST AND/OR CONSTRUCTION DEBRIS AT ALL TIMES DURING THE EXECUTION OF THE PROJECT. ALL EXISTING AND NEW STRUCTURES SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. ALL COSTS RELATED TO THIS ITEM SHALL BE INCIDENTAL TO THE WORK AND NO EXTRA PAYMENTS SHALL BE MADE TO THE CONTRACTOR.
23. CONTRACTOR SHALL REPAIR ANY EXISTING STRUCTURE OR UTILITY CONDUIT, AND ITS UTILITY CORRIDOR/EASEMENT DAMAGED AS A RESULT OF THE EXECUTION OF THE PROJECT, AT NO ADDITIONAL COST TO SANTA FE COUNTY OR THE RESPECTIVE UTILITY. EXISTING ROADS ACCESS FOR ADJACENT PROPERTIES SHALL BE MAINTAINED UNDER ALL TYPICAL WEATHER CONDITIONS.
24. ALL AREAS DISTURBED BY THE CONSTRUCTION ACTIVITIES OF THIS PROJECT SHALL BE RESTORED, RE-GRADED, PER THE RE-VEGETATION PLAN, OR IN A MANNER ACCEPTABLE TO SANTA FE COUNTY, AND IN COMPLIANCE WITH PROJECT'S SWPPP.
25. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR EROSION CONTROL INCIDENTAL TO THE CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL SUBMIT TO SANTA FE COUNTY A STORM WATER POLLUTION PREVENTION PLAN (SWPP) THAT WILL ADDRESS ALL CONSTRUCTION PHASES. THIS SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL CONSTRUCTION PERMIT (2012 GCP) REQUIREMENTS FOR ALL CONSTRUCTION ACTIVITIES. IN ADDITION, THE CONTRACTOR SHALL PROCURE A STORM WATER POLLUTION PERMIT FROM USEPA, A MINIMUM OF 30 DAYS PRIOR TO INITIATING ANY SITE WORK.
26. CONTRACTOR SHALL PROVIDE AN AREA TO STORE CONSTRUCTION DEBRIS WHERE IT WILL NOT BE A NUISANCE TO THE SURROUNDING NEIGHBORHOOD. ALL DEBRIS SHALL BE CONTAINED IN SUCH A MANNER THAT WILL PREVENT SCATTERING, AND BE IN COMPLIANCE WITH THE PROJECT'S SWPPP. ALL DEBRIS, INCLUDING TREES AND UNDERGROWTH SHALL BE DISPOSED OF PROPERLY WITHIN AN APPROVED LANDFILL, AND REMOVED FROM THE SITE PRIOR TO FINAL INSPECTION.
27. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF THE WORK MATERIALS AND EQUIPMENT PRIOR TO AND AFTER THEIR INSTALLATION AS APPLICABLE, UNTIL THE PROJECT'S FINAL ACCEPTANCE BY SANTA FE COUNTY.
28. THE MAXIMUM DEVIATION OF THE TOP OF SURFACE AT THE CURB AND GUTTER SHALL NOT EXCEED 1/8 INCH PER 10 FEET, NOR SHALL THE INSIDE FACE DEVIATE MORE THAN 1/4 INCH PER 10 FEET FROM A STRAIGHT LINE. PRIOR OR DURING THE COUNTY'S FINAL INSPECTION, ALL CURB AND GUTTER SHALL BE TESTED FOR POSITIVE WATER FLOW. ANY AREAS THAT FAIL THIS TEST SHALL BE REJECTED.
29. UTILITY LINES SHALL BE BORED UNDER ALL EXISTING STREETS, CONCRETE FEATURES, AND A MINIMUM 12-INCH SEPARATION SHALL BE MAINTAINED BETWEEN LINES. ALL CURB, GUTTER, SIDEWALK AND ASPHALT DAMAGE IN COUNTY, STATE OR PRIVATE RIGHT OF WAY RESULTING FROM ANY CONSTRUCTION ACTIVITY SHALL BE REPAIRED BEFORE FINAL INSPECTION AT THE CONTRACTORS EXPENSE.
30. BEFORE PAVEMENT IS INSTALLED THE SANITARY SEWER TV INSPECTION SHALL OCCUR. A COMPLETION LETTER FROM EACH UTILITY COMPANY SHALL BE SUBMITTED TO THE GROWTH MANAGEMENT DEPARTMENT PRIOR TO PAVING ACTIVITIES.
31. NO ALTERATION OR MODIFICATION TO ANY DRAINAGE WAY OR ARROYO SHALL BE PERMITTED WITHOUT FIRST OBTAINING A WRITTEN APPROVAL FROM THE COUNTY FLOOD PLAN ADMINISTRATOR.
32. THE DESIGN ENGINEER AND SANTA FE COUNTY WAIVE ANY AND ALL RESPONSIBILITY AND IS NOT LIABLE FOR PROBLEMS THAT MAY ARISE FROM THE CONTRACTOR'S FAILURE TO FOLLOW THESE DRAWINGS, SPECIFICATIONS, THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS ARISING FROM FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S WRITTEN RESPONSE TO REQUESTS FOR INFORMATION OR CLARIFICATION WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS.
33. ALL ACCESS AND EXCAVATION PERMITS ARE TO BE OBTAINED FROM THE SANTA FE COUNTY PUBLIC WORKS DEPARTMENT. SUCH PERMITS SHALL BE REQUESTED FOR ALL CURB CUTS OR DRIVEWAYS TO BE BUILT IN COUNTY RIGHT OF WAY. DRIVEWAYS SHALL NOT BE INSTALLED PRIOR TO COUNTY'S APPROVAL OF SITE SPECIFIC PLANS AND THE CONTRACTOR HAS PROCURED A PERMIT FROM THE COUNTY PUBLIC WORKS DEPARTMENT.

WATERLINE CONSTRUCTION

1. ALL WATER LINE AND FITTING MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION (AWWA) STANDARDS, THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, (NMAPWA) 2006 EDITION, OR SUBSEQUENT REVISIONS, AND THE SANTA FE COUNTY WATER UTILITY CONSTRUCTION STANDARD AND SPECIFICATIONS MANUAL, UNLESS OTHERWISE INDICATED ON THESE DRAWINGS. WHEN CONFLICT ARISES AMONG THESE, THE LATTER SHALL PREVAIL.
2. LOCATION OF LINES AND FITTINGS SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THESE DRAWINGS.
3. UNLESS OTHERWISE INDICATED ON THESE DRAWINGS, PIPELINES AND ALL APPURTENANT FITTINGS SHALL BE DUCTILE IRON, PVC C-900, WITH CLASS-D BEDDING OR BETTER. MECHANICAL OR MEGALUG (R) JOINTS, OR THERMAL FUSION JOINING RESPECTIVELY (HDPE). EXCAVATION SHALL BE PROPERLY MADE TO ACCOMMODATE THE PIPE'S BELL ENDS AS NECESSARY. WATERLINES SHALL BE 6" DIAMETER OR LARGER.
4. ALL WATER LINES SHALL BE INSTALLED IN THEIR OWN TRENCH, WITH NO OTHER UTILITIES IN THE TRENCH, BURIED UNDER A MINIMUM 48 INCHES OF COMPACTED BACKFILL.
5. WHEN CROSSING, WATER LINES SHALL ALWAYS BE ABOVE SEWER LINES, AND A MINIMUM 18-INCH CLEARANCE SHALL BE ALLOWED BETWEEN THE BOTTOM OF THE WATER LINE AND THE TOP OF ANY SANITARY SEWER, UNLESS SPECIAL CROSSING PROVISIONS ARE SHOWN ON THESE DRAWINGS.
6. TYPICAL HORIZONTAL SEPARATION BETWEEN WATER LINES AND ANY SANITARY SEWER LINE SHALL BE MINIMUM 10 FEET, AND SEPARATE TRENCHES SHALL BE EXCAVATED IN ALL CASES.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DISINFECTION AND PRESSURE TESTING OF ALL NEW WATER LINES, IN ACCORDANCE WITH AWWA STANDARDS. COUNTY UTILITY PERSONNEL SHALL BE PRESENT DURING SUCH TESTING, AND AN INSPECTION REPORT SHALL BE SUBMITTED BY THE CONTRACTOR TO THE COUNTY UTILITIES PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE COUNTY UTILITY STAFF FOR THEIR PRESENCE DURING FIELD TESTING OF LINES. BACTERIA TEST RESULTS OVER 30 DAYS OLD, BY THE COMPLETION OF THE PROJECT SHALL BE RETESTED AT NO ADDITIONAL EXPENSE TO THE OWNER.
8. ALL VALVES 12" DIAMETER OR SMALLER SHALL BE FULL-PORT GATE TYPE, RESILIENT SEATING, MECHANICAL OR MEGALUG (R) JOINTS, PIPE, AND INSTALLED IN COMPLIANCE WITH THE COUNTY WATER SYSTEM DETAILS.
9. UPON COMPLETION ONE VALVE SHALL BE TIED TO ONE OR MORE OF THE SANTA FE COUNTY'S PERMANENT SURVEY MONUMENTS, (OR OTHER VISIBLE WATER FEATURES OR FIXTURES) SUCH AS FIRE HYDRANTS AND WATER METERS WITH DISTANCES BETWEEN ALL FITTINGS AND APPURTENANCES PROVIDED AS REQUIRED IN THE UTILITY DEPARTMENTS CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL. THE WORK SHALL BE PERFORMED BE A REGISTERED NEW MEXICO LICENSED SURVEYOR, OR ENGINEER WITH INFORMATION PROVIDED BY THE CONTRACTOR.
10. ALL FIRE HYDRANTS SHALL BE SUPPLIED WITH NFP CONNECTORS, AND NUMBERED (NUMBER SUPPLIED BY THE COUNTY FIRE DEPARTMENT). HYDRANTS SHALL BE INSTALLED TO ALLOW A MINIMUM HORIZONTAL CLEARANCE OF 3-FEET ALL AROUND THEM.
11. WATER SERVICE CONNECTIONS AND METERS SHALL BE 1-INCH MINIMUM DIAMETER FOR LOTS THAT WILL BE THE SITE FOR RESIDENTIAL BUILDINGS EQUIPPED WITH FIRE SUPPRESSION SYSTEMS. OTHERWISE, CONNECTIONS AND METERS SHALL BE STANDARD 5/8 INCH DIAMETER. METER SETTERS SHALL BE PER STANDARD REQUIRED IN SANTA FE COUNTY UTILITY DEPARTMENT'S CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL. METERS SHALL BE NEPTUNE MACH10 RADIO TRANSMITTER.
12. LOCATE WIRES SHALL BE INSTALLED ON ALL WATER LINES. THE LOCATE WIRE MUST BE VISIBLE IN ALL VALVE VAULTS, MANHOLES OR OTHER ACCESS STRUCTURES. THIS WILL BE VERIFIED DURING THE PRELIMINARY INSPECTION PRIOR TO PAVING. THE LOCATE WIRE SHALL BE A CONTINUOUS, 10 GAUGE, SOLID STRAND INSULATED COPPER WIRE. SPLICES OF THE LOCATE WIRE SHALL FOLLOW THE SPECIFICATIONS IN THE SANTA FE COUNTY UTILITY DEPARTMENT'S CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL.
13. BLUE CARSONITE MARKERS WITH SFCU I.D. STICKERS ARE REQUIRED ON ALL VALVES AND APPURTENANCES, AND EVERY 200 FEET ALONG PIPELINES THAT ARE NOT IN ROADWAY.

SANITARY SEWER LINE CONSTRUCTION

1. ALL SANITARY SEWER LINE INSTALLATION SHALL BE IN COMPLIANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (NMAPWA), 2006 EDITION, SUBSEQUENT REVISIONS AND THE SANTA FE COUNTY WATER UTILITIES STANDARD DETAILS AND REQUIREMENTS, UNLESS OTHERWISE SPECIFIED ON THESE DRAWINGS.
2. PUBLIC SANITARY SEWER LINES SHALL BE A MINIMUM 8-INCH DIAMETER, PVC SDR 26, OR GRAY HDPE DR 11, WITH CLASS D BEDDING OR BETTER, UNLESS OTHERWISE SHOWN ON THESE DRAWINGS. SEWER SERVICE CONNECTIONS SHALL BE OF CAST IRON TAPPING SADDLE WITH STAINLESS STEEL TENSION STRAP TYPE, OR APPROVED EQUIVALENT BY ENGINEER.
3. SANITARY SEWER MANHOLES SHALL HAVE STANDARD SF COUNTY COVERS AND RINGS.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PRESSURE TESTING IN ACCORDANCE WITH NMAPWA STANDARDS, AND TELEVISION INSPECTION OF ALL SEWER LINES, PRIOR TO PAVING OF THE ROADS UNDER WHICH SEWER LINES HAVE BEEN INSTALLED. COUNTY UTILITY PERSONNEL SHALL BE PRESENT DURING SUCH TESTING AND AN INSPECTION REPORT SHALL BE SUBMITTED BY THE PROJECT ENGINEER TO THE PROJECT MANAGER AND COUNTY WATER UTILITIES DEPARTMENT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. SANTA FE COUNTY SHALL REVIEW THE VIDEOS AND TESTS IN DETAIL TO IDENTIFY ANY DEFICIENCIES AND THE CONTRACTOR SHALL CORRECT THEM AS NECESSARY. ALL VIDEO AND TESTS SHALL BE PREPARED IN A RATIONAL SEQUENCE AND PROPERLY LABELED LINES AND MANHOLES SHALL BE IDENTIFIED BY THE NAMES AND STATIONING GIVEN IN THE DESIGN DRAWINGS. VIDEOS SHALL THEN BE TURNED INTO THE COUNTY FOR REVIEW PRIOR TO ACCEPTANCE OF THE SEWER LINES, AND PRIOR TO PAVING.
5. LOW PRESSURE SEWER LINES SHALL NOT LOSE ANY MORE THAN 5 PSI WHEN PRESSURIZED TO 120 PSI FOR A MINIMUM OF ONE HOUR, AN INSPECTION REPORT SHALL BE SUBMITTED TO THE OWNERS PROJECT REPRESENTATIVE (OPR) PRIOR TO PAVING OF THE ROADS UNDER WHICH THESE LINES HAVE BEEN INSTALLED.
6. UPON COMPLETION, ONE MANHOLE SHALL BE TIED TO ONE OR MORE OF THE SANTA FE COUNTY'S PERMANENT SURVEY MONUMENTS (OR OTHER VISIBLE PERMANENT FEATURES OR FIXTURES) AND SUBMITTED IN A TABLE FORMAT WITH THE ASBUILT RECORD DRAWINGS PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. AS PART OF THE FINAL RECORD DRAWINGS, SHOW CORRECTED ASBUILT BEARING AND DISTANCES BETWEEN MANHOLES ALONG THE HORIZONTAL ALIGNMENT OF THE SANITARY SEWER INCLUDING CORRECTED RIM AND INVERT ELEVATIONS AND PIPE SLOPES. THE WORK SHALL BE PERFORMED BY A NEW MEXICO LICENSED SURVEYOR.
7. GREEN CARSONITE MARKERS WITH SFCU I.D. STICKERS ARE REQUIRED ON ALL MANHOLES AND APPURTENANCES, AND EVERY 200 FEET ALONG PIPELINES THAT ARE NOT IN A ROADWAY.
8. WHENEVER SHOWN, LOW PRESSURE SERVICE SANITARY SEWER (LPSAS) LINES SHALL BE PVC SDR 21 PVC SDR 11 HDPE, INSTALLED UNDER A MINIMUM 48-INCH COVER. HIGHER PRESSURE LINES OR FORCE MAINS SHALL BE PVC C-900 CLASS 100 WPR, UNLESS OTHERWISE SPECIFIED IN THESE DRAWINGS.
9. WHEREVER DRAWINGS SHOW A LOW PRESSURE LINE AT A FLUSHING STATION, CONTRACTOR SHALL REFER TO THE MULTI-LINE FLUSHING STATION DETAIL.
10. LOCATE WIRES SHALL BE INSTALLED FOR ALL SANITARY SEWER LINES (GRAVITY AND LOW PRESSURE). THE LOCATE WIRE MUST BE VISIBLE IN ALL MANHOLES OR ACCESS STRUCTURE. THIS WILL BE VERIFIED DURING THE PRELIMINARY MANHOLE INSPECTION PRIOR TO PAVING. THE LOCATE WIRE SHALL BE A CONTINUOUS, 10 GAUGE, SOLID STRAND INSULATED COPPER WIRE. SPLICES OF THE LOCATE WIRE SHALL FOLLOW THE SPECIFICATIONS IN THE SANTA FE COUNTY UTILITY DEPARTMENTS CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL.
11. ALL MANHOLES AND FLUSHING STATIONS SHALL BE MADE A MINIMUM OF 4-FOOT DIAMETER PRE-CAST CONCRETE CYLINDER PIPE SEGMENTS, UNLESS OTHERWISE INDICATED IN THESE DRAWINGS. MANHOLE BOTTOM AND TOP SLABS MAY BE EITHER PRE-CAST OR CAST IN PLACE CONCRETE.
12. A MINIMUM OF ONE FOOT CLEARANCE SHALL BE ALLOWED BETWEEN THE TOP OF A SANITARY SEWER LINE AND THE THE BOTTOM OF ANY STORM SEWER PIPE OR STRUCTURE.
13. GRINDER PUMPS FOR LOW PRESSURE SEWER SERVICES SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL LOT OWNER/USER AND SHALL BE PRE-APPROVED BY SFCU IN WRITING.
14. ALL SANITARY SEWER LINES SHALL BE INSTALLED IN THEIR OWN TRENCH, WITH NO OTHER UTILITIES TO SHARE THIS TRENCH, BURIED UNDER A MINIMUM 48 INCHES OF COMPACTED BACKFILL.
15. EXISTING SANITARY SEWER LINES MUST BE VIDEO-INSPECTED PRIOR TO A NEW SERVICE CONNECTION BEING PLACED AS WELL AS RE-VIDEOED AFTER THE SERVICES HAVE BEEN COMPLETED. THIS IS TO ENSURE THAT THE EXISTING SANITARY SEWER LINE HAS NOT BEEN DAMAGED AND THE NEW SERVICE IS INSTALLED CORRECTLY.
16. GRAVITY SEWER LINES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR SPECIFICALLY DELETED BY THE ENGINEER, IN WRITING, SHALL BE TESTED FOR LEAKAGE. PLEASE REFER TO SPECIFICATIONS (SECTION 901.7, NMAPWA).
17. NO DISCHARGE INTO THE SANITARY SEWER SHALL BE ALLOWED UNTIL WRITTEN NOTIFICATION BY THE COUNTY WATER UTILITIES THAT DISCHARGE IS ACCEPTABLE.
18. THE OWNER/DEVELOPER WILL BE RESPONSIBLE FOR MAINTAINING REPAIRING AND LOCATING THE SEWER SYSTEM UNTIL SANTA FE COUNTY UTILITIES ACCEPTANCE FOR PERMANENT OPERATIONS AND MAINTENANCE. DAMAGE RESULTING FROM A STOPPAGE IN ANY GRAVITY AND OR PRESSURE SEWER SYSTEM WILL BE THE SOLE RESPONSIBILITY OF THE OWNER/DEVELOPER UNTIL A FINAL ACCEPTANCE LETTER FOR PERMANENT OPERATIONS AND MAINTENANCE HAS BEEN ISSUED BY SANTA FE COUNTY UTILITY.
19. ADDITIONAL GENERAL NOTES ARE CONTAINED IN THE STANDARD COUNTY DETAIL SHEETS FOR SANITARY SEWER CONSTRUCTION.
20. WATER METERS WILL NOT BE PLACED UNTIL A FINAL ACCEPTANCE LETTER HAS BEEN ISSUED FOR ALL SANITARY SEWER NEEDED IN ORDER FOR THIS PROJECT TO CONNECT TO THE SANITARY SEWER SYSTEM.
21. SEWER BACKFLOW CHECK VALVES WILL BE REQUIRED FOR ALL SEWER SERVICE LATERAL CONNECTIONS TO SEWER MAINS 12" OR GREATER IN DIAMETER, OR WHEN A FACILITY OR RESIDENCE IS LOWER THAN THE NEAREST MANHOLES OR ROAD.
22. 20 FOOT WIDE ACCESS GATES SHALL BE PROVIDED AT ALL FENCES, WALLS OR OTHER OBSTRUCTIONS THAT CROSS A PUBLIC SEWER OR WATER LINE. ACCESS GATES TO BE LOCATED WITHIN THE SANITARY SEWER OR UTILITY EASEMENT.

RECLAIMED WATER/EFFLUENT IRRIGATION CONSTRUCTION

1. WHERE INSTALLED ALL RECLAIMED WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, THE APPLICABLE AWWA STANDARDS, APPLICABLE REQUIREMENTS OF COUNTY WATER UTILITIES OR THE RECOMMENDATION OF THE PIPE MANUFACTURER. SHOULD THERE BE ANY CONFLICT AMONG THESE DOCUMENTS, THE LATTER SHALL PREVAIL.
2. ALL PIPES, VALVES, AND FITTINGS SHALL BE COLOR-CODED PURPLE (ONE STRIPE) PVC SDR 18 OR HDPE DR 7.3 WITH CHEMICALLY-FUSED JOINTS. WHERE NECESSARY, FLANGED OR MECHANICAL JOINTS, AND OR THRUST BLOCKS SHALL BE INSTALLED IN ACCORDANCE WITH THESE DRAWINGS.
3. ALL VALVES SHALL ALSO HAVE COLOR-CODED PURPLE HANDLES AND BE FULL-PORT BALL TYPE HDPE WITH THERMO-FUSED JOINTS, RINKER POLY-PIPE OAE. CAST IRON VALVE BOX LIDS SHALL BE ENGRAVED "NON-POTABLE".
4. FLUSHING HYDRANTS AND FIRE HYDRANTS OR HOSE BIBS CONNECTED TO RECLAIMED -WATER LINES SHALL ALSO BE PAINTED PURPLE AND BARE A SIGN PROMINENTLY PLACED NEXT TO THEM WITH THE FOLLOWING TEXT: " NON POTABLE WATER DO NOT DRINK/PELIGRO - AGUA NO ES PARA BEBER".
5. SERVICE CONNECTIONS SHALL BE 1 INCH, CONSISTENTLY COLOR CODED. THESE SHALL BE THERMO-FUSED WHEN INSTALLED ONTO HDPE PIPES. SERVICE CONNECTIONS ON PVC PIPE SHALL BE MADE WITH THE APPROPRIATE TEES, REDUCERS, VALVES, VALVE BOXES ETC. INDIVIDUAL SERVICE CONNECTIONS SHALL BE METERED. METERS SHALL BE NEPTUNE MACH10 RADIO TRANSMITTER, OR CURRENT MAKE & MODEL REQUIRED BY SFC UTILITY.
6. RECLAIMED WATER/EFFLUENT IRRIGATION LINES SHALL NEVER BE CONNECTED TO THE POTABLE DOMESTIC SUPPLY SYSTEM.
7. ALL RECLAIMED WATER LINES SHALL BE INSTALLED IN THEIR OWN TRENCH, WITH NO OTHER UTILITIES SHARING THIS TRENCH, BURIED UNDER MINIMUM 48 INCHES OF COMPACTED BACKFILL.
8. LOCATE WIRES SHALL BE INSTALLED FOR ALL RECLAIMED WATER LINES. THE LOCATE WIRE MUST BE VISIBLE IN ALL MANHOLES OR ACCESS STRUCTURES. THIS WILL BE VERIFIED DURING THE PRELIMINARY INSPECTION PRIOR TO PAVING. THE LOCATE WIRE SHALL BE A CONTINUOUS, 10 GAUGE, SOLID STRAND INSULATED COPPER WIRE. SPLICES OF THE LOCATE WIRE SHALL FOLLOW THE SPECIFICATIONS IN THE SANTA FE COUNTY WATER UTILITIES CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL.
9. PURPLE CARSONITE MARKERS WITH I.D. STICKERS ARE REQUIRED ON ALL VALVES AND APPURTENANCES, AND EVERY 200 FEET ALONG PIPELINES THAT ARE NOT IN ROADWAY.

DRY UTILITIES

1. SHADING AND BEDDING MATERIAL SHALL BE TYPE IV. CLASS 1 FOR DIRECT BURY CABLE, AND TYPE IV. CLASS 2 FOR CABLE IN CONDUIT. TYPE 111 MATERIAL SHALL BE CONSIDERED SUITAB



PROJECT SITE PLAN

Rev #	Date	Description	By	Chk'd

SOUDER, MILLER & ASSOCIATES
Engineering • Environmental • Geomatics
Serving the Southwest & Rocky Mountains
5454 Venice Avenue NE, Suite D
Albuquerque, NM 87113
Phone (505) 299-0942 Fax (505) 293-3430
www.soudermiller.com

ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
PROJECT SITE PLAN

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/29/2025

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025

Scale: Horiz: 1" = 600'
Vert: N/A

Project No: 6232636

Sheet: G-4

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P:\9-Gorlow AH Santa Fe Subdivision (9230488)\CAD\Civil\Offsite Utilities\Construction Plans\Oshara Water and Sewer Project Site Plan (9230488).dwg, 11/26/2025 8:14:36 AM AAV



SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION DRAWING KEY INDEX

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P:\9-Gorlow AH Santa Fe Subdivision (9230488)\CAD\Civil\Offsite Utilities\Construction Plans\Oshara Water and Sewer Project Site Plan (9230488).dwg, 11/26/2025 8:14:41 AM AAV

Rev #	Date	Description	By	Chk'd

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR
DRAWING KEY INDEX

KEATON P. CHANCELLOR
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Designed	Drawn	Checked
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Date: November 2025

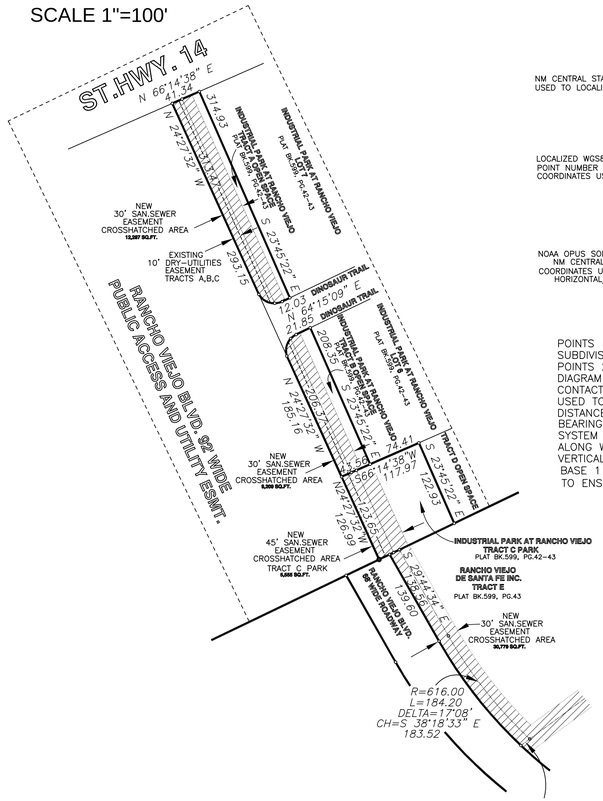
Scale: Horiz: 1" = 500'
Vert: N/A

Project No: 6232636

Sheet: G-5

DETAIL BLOW-UP

SCALE 1"=100'



		23-AH-CONTROL			LABEL CP-201/1201
	PT#	N	E	Z	DESC.
NM CENTRAL STATE PLANE COORDINATES GRID USED TO LOCALIZE TO WGS84 AS LISTED BELOW	12	1677330.081	1711915.648		2IN.IP
	13	1677329.91	1711236.421		.5RBR
	200	1676181.34	1705720.31	6463.3524	cont-102
	201	1672308.12	1703664.99	6352.5424	cont-261
	203	1675577.58	1705853.64	6433.4524	cont-275
	204	1675226.88	1705661.42	6436.5424	cont-276
	206	1672565.72	1704383.53	6365.9124	cont-301
LOCALIZED WGS84 COORDINATES 1000 ADDED TO POINT NUMBER NM CENTRAL STATE PLANE COORDINATES USED THIS SURVEY AS CONTROL	1012	1677330.0602	1711915.6215	6513.8644	BC STUB
	1013	1677329.9219	1711236.4517	6499.2794	.5RBR
	1200	1676181.3016	1705720.2958	6463.3784	SMA CP
	1201	1672308.1361	1703665.0019	6352.4194	DAWSON CAP
	1203	1675577.6121	1705853.6557	6433.4524	7014 CAP
	1204	1675226.9202	1705661.4005	6436.6104	7014 CAP
	1206	1672565.6788	1704383.532	6365.9114	CAPPED RBR
NOAA OPUS SOLUTION OP167971527802 NM CENTRAL STATE PLANE GRID COORDINATES USED THIS SURVEY AS PRIMARY HORIZONTAL/VERTICAL CONTROL POINT	3003	1677373.551	1706967.521	6454.9904	BASE-1 H/V NAIL

POINTS 12 & 13 WERE TAKEN FROM A STATE PLANE SURVEY BY ME FOR "LA PRADERA SUBDIVISION".
POINTS 200-206 WERE TAKEN FROM "ARROYO HONDO TRAIL LAND SURVEY CONTROL DIAGRAM (SEGMENT 4)" BY LORIS AND ASSOCIATES DATED 9/08/2017.
CONTACT ME FOR ADDITIONAL WGS 84 COORDINATES FOR PROPERTY CORNERS FOUND AND USED TO DETERMINE EASEMENT LOCATIONS WITHIN RECORDED PARCELS, ALL BEARING & DISTANCE INFORMATION IS FROM REFERENCED RECORDED PLATS WITH VARIOUS BASIS OF BEARINGS AND THIS SURVEY IS A COMPILATION OF RECORD DOCUMENTS ALIGNED TO ONE SYSTEM (WGS84) ANGLE POINTS FOR NEW EASEMENTS ARE ALSO AVAILABLE ON A CSV FILE ALONG WITH EXISTING IMPROVEMENT INFORMATION WITHIN THE NEW EASEMENT AREAS. VERTICAL INFORMATION OF EXISTING SEWER MANHOLES AND INVERTS WERE BASED ON THE BASE 1 H/V NAIL AND PRIOR TO CONSTRUCTION SHOULD BE INDEPENDENTLY VERIFIED TO ENSURE NO CONFLICT WITH DESIGN INFORMATION.

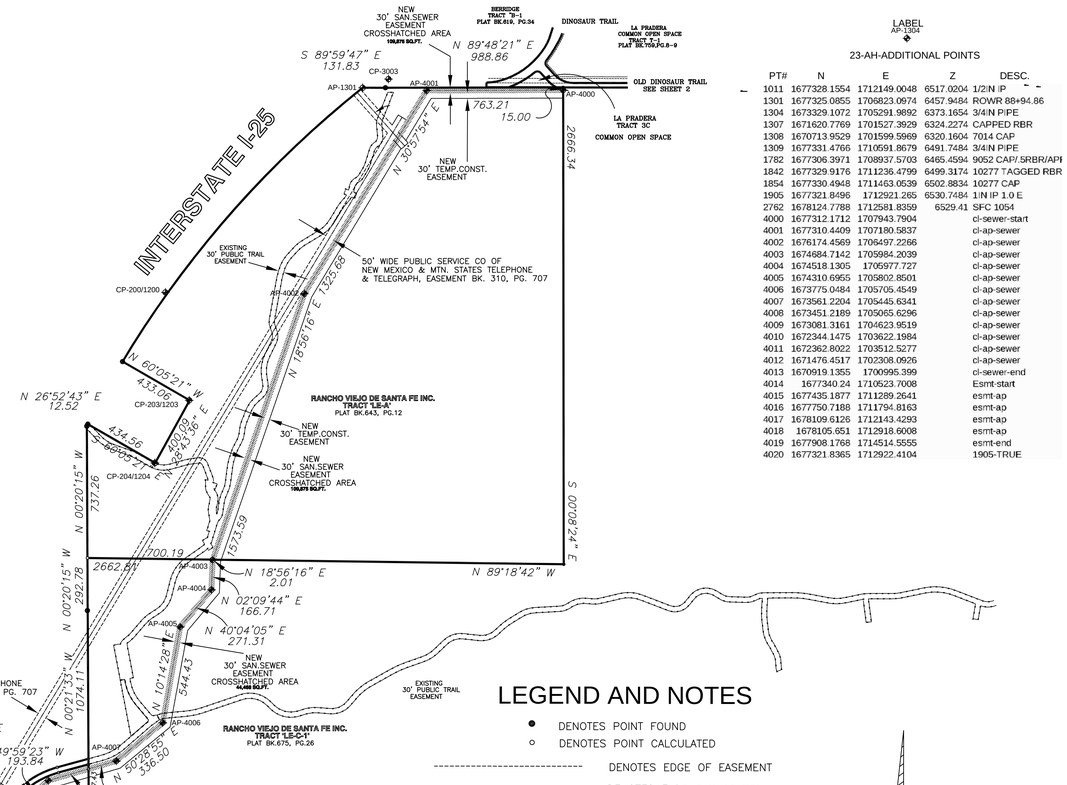
SURVEYORS CERTIFICATE

I RICHARD A. CHATROOP, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 11011, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL FIELD SURVEY UPON WHICH IT IS BASED WERE PREFORMED BY ME OR UNDER MY DIRECTION ON OCT. 29TH, 2021; THAT I AM RESPONSIBLE FOR THIS SURVEY AND THAT IT MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RICHARD A. CHATROOP N.M.P.L.S. #11011

NEW MEXICO 11011 REGISTERED PROFESSIONAL SURVEYOR RICHARD A. CHATROOP

SEE DETAIL BLOW-UP



LABEL AP-1304	23-AH-ADDITIONAL POINTS			
PT#	N	E	Z	DESC.
1011	1677328.1554	1712149.0048	6517.0204	1/2IN IP
1301	1677325.0855	1706823.0974	6457.9484	ROWR 88+94.86
1304	1673329.1072	1705291.9892	6373.1654	3/4IN PIPE
1307	1671620.7769	1701527.3929	6324.2274	CAPPED RBR
1308	1670713.9529	1701599.5969	6320.1604	7014 CAP
1309	1677331.4766	1710591.8679	6491.7484	3/4IN PIPE
1782	1677306.3971	1708937.5703	6465.4594	9052 CAP/.5RBR/API
1842	1677329.9176	1711236.4799	6499.3174	10277 TAGGED RBR
1854	1677330.4948	1711463.0539	6502.8834	10277 CAP
1905	1677321.8496	1712921.265	6530.7484	1/IN IP 1.0 E
2762	1678124.7788	1712581.8359	6529.41	SFC 1054
4000	1677312.1712	1707943.7904		ci-sewer-start
4001	1677310.4409	1707180.5837		ci-ap-sewer
4002	1676174.4569	1706497.2266		ci-ap-sewer
4003	1674684.7142	1705984.2039		ci-ap-sewer
4004	1674518.1305	1705977.727		ci-ap-sewer
4005	1674310.6955	1705802.8501		ci-ap-sewer
4006	1673775.0484	1705705.4549		ci-ap-sewer
4007	1673561.2204	1705445.6341		ci-ap-sewer
4008	1673451.2189	1705065.6296		ci-ap-sewer
4009	1673081.3161	1704623.9519		ci-ap-sewer
4010	1672344.1475	1703622.1984		ci-ap-sewer
4011	1672362.8022	1703512.5277		ci-ap-sewer
4012	1671476.4517	1702308.0926		ci-ap-sewer
4013	1670919.1355	1700995.399		ci-sewer-end
4014	1677340.24	1710523.7008		Esmt-start
4015	1677435.1877	1711289.2641		esmt-ap
4016	1677750.7188	1711794.8163		esmt-ap
4017	1678109.6126	1712143.4293		esmt-ap
4018	1678105.651	1712918.6008		esmt-ap
4019	1677908.1768	1714514.5555		esmt-end
4020	1677321.8365	1712922.4104		1905-TRUE

LEGEND AND NOTES

- ● DENOTES POINT FOUND
- ○ DENOTES POINT CALCULATED
- ---------- DENOTES EDGE OF EASEMENT
- ———— DENOTES EASEMENT CENTERLINE

1. BASIS OF BEARING IS FROM GPS OBSERVATION WGS 84
2. DATA SHOWN IS BASED ON FOUND MONUMENTS SHOWN AND THE RECORD SURVEYS REFERENCED HEREON ROTATED AND CLOSED ON FOUND MONUMENTS.

NORTH
SCALE 1"=400'
400' 400'

CONTROL POINT EXHIBIT OF EASEMENT PLAT

FOR SANITARY SEWER WITHIN

RANCHO VIEJO TRACTS LE-A, LE-C. LE-C-1, LE-B-A, TRACT E, LOT 7A, LOT 5, LOS COMPADRES TRACTS D-2-2, D-2-3, RANCHO VIEJO INDUSTRIAL PARK OPEN SPACE TRACTS A & B, RANCHO VIEJO INDUSTRIAL PARK, PARK TRACT C, & COLIBRI SUBDIVISION PHASE 1(TRACT 3-A), PHASE-2(TRACT O)

TRACTS AND LOTS RECORDED AS SHOWN HEREON

LYING WITHIN THE SECTION 19, T.16N., R.9E., & SECTIONS 24, 25, T.16N., R.8E., N.M.P.M., SANTA FE COUNTY, NEW MEXICO.

COUNTY OF SANTA FE)SS
STATE OF NEW MEXICO)
I hereby certify that this instrument was filed for record on the _____ day of _____ A.D. 20_____, at _____ o'clock _____ m. and was duly recorded in book _____ page_____ of the records of Santa Fe County.
Witness my Hand and Seal of Office
Katharine Clark
County Clerk, Santa Fe County,N.M.

_____ Deputy

RICK CHATROOP
PROFESSIONAL LAND SURVEYOR
NEW MEXICO REGISTRATION NO. 11011
(505) 470-0037 110 WAGON TRAIL RD. CERRILLOS, NM. 87010

INDEXING INFORMATION FOR THE COUNTY CLERK

OWNER: **MULTIPLE**

LOCATION: LYING WITHIN THE SECTION 19, T.16N., R.9E., & SECTIONS 24, 25, T.16N., R.8E., N.M.P.M., SANTA FE COUNTY, NEW MEXICO.

PUBLIC NOTICE:
THIS SURVEY IS BASED ON THOSE RECORDED DOCUMENTS NOTED HEREON, THE SANTA FE COUNTY LAND USE ADMINISTRATOR MUST APPROVE ALL DOCUMENTS SUBMITTED WITH AN APPLICATION FOR A BUILDING PERMIT OR A DEVELOPMENT PERMIT AS DEFINED IN THE SANTA FE COUNTY SUSTAINABLE LAND DEVELOPMENT CODE, SANTA FE COUNTY AND/OR THE GOVERNMENT MUNICIPALITY MAY REQUIRE SUBMITTAL OF ADDITIONAL DOCUMENTATION TO PROVE LEGAL LOT OF RECORD.



NORTH
SCALE 1"=100'

100' 100'

23-AH-CONTROL

LABEL CP-201/1201

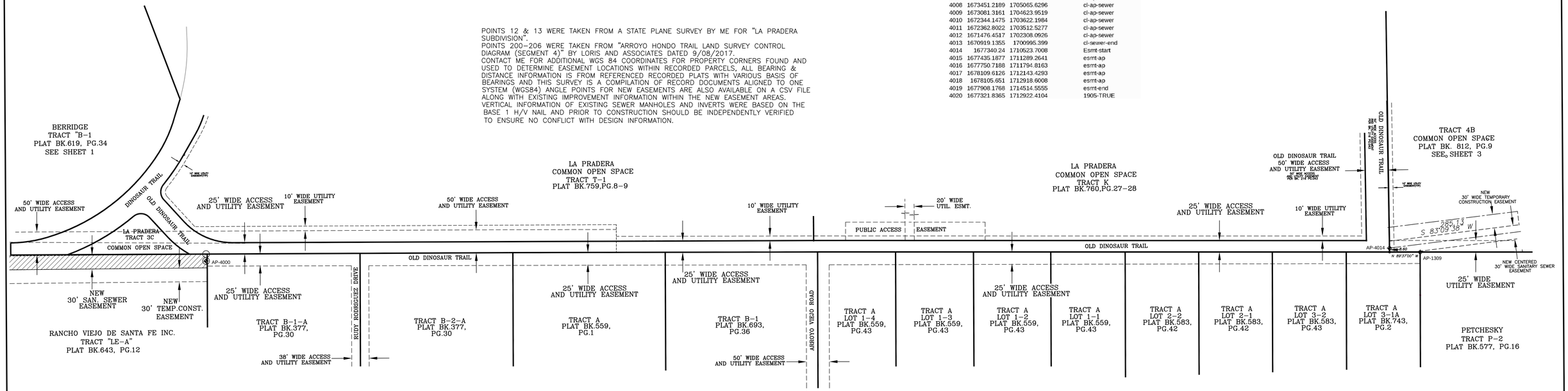
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LABEL AP-1304

23-AH-ADDITIONAL POINTS

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1011	1677328.1554	1712149.0048	6517.0204	1/2IN IP
1301	1677325.0855	1706823.0974	6457.9484	ROWR 88+94.86
1304	1673329.1072	1705291.9892	6373.1654	3/4IN PIPE
1307	1671620.7769	1701527.3929	6324.2274	CAPPED RBR
1308	1670713.9529	1701599.5969	6320.1604	7014 CAP
1309	1677331.4766	1710591.8679	6491.7484	3/4IN PIPE
1782	1677306.3971	1708937.5703	6465.4594	9052 CAP/.5RBR/API
1842	1677329.9176	1711236.4799	6499.3174	10277 TAGGED RBR
1854	1677330.4948	1711463.0539	6502.8834	10277 CAP
1905	1677321.8496	1712921.265	6530.7484	1/N IP 1.0 E
2762	1678124.7788	1712581.8359	6529.41	SFC 1054
4000	1677312.1712	1707943.7904		cl-sewer-start
4001	1677310.4409	1707180.5837		cl-ap-sewer
4002	1676174.4569	1706497.2266		cl-ap-sewer
4003	1674684.7142	1705984.2039		cl-ap-sewer
4004	1674518.1305	1705977.727		cl-ap-sewer
4005	1674310.6955	1705802.8501		cl-ap-sewer
4006	1673775.0484	1705705.4549		cl-ap-sewer
4007	1673561.2204	1705445.6341		cl-ap-sewer
4008	1673451.2189	1705065.6296		cl-ap-sewer
4009	1673081.3161	1704623.9519		cl-ap-sewer
4010	1672344.1475	1703622.1984		cl-ap-sewer
4011	1672362.8022	1703512.5277		cl-ap-sewer
4012	1671476.4517	1702308.0926		cl-ap-sewer
4013	1670919.1355	1700995.399		cl-sewer-end
4014	1677340.24	1710523.7008		Esmt-start
4015	1677435.1877	1711289.2641		esmt-ap
4016	1677750.7188	1711794.8163		esmt-ap
4017	1678109.6126	1712143.4293		esmt-ap
4018	1678105.651	1712918.6008		esmt-ap
4019	1677908.1768	1714514.5555		esmt-end
4020	1677321.8365	1712922.4104		1905-TRUE

POINTS 12 & 13 WERE TAKEN FROM A STATE PLANE SURVEY BY ME FOR "LA PRADERA SUBDIVISION".
POINTS 200-206 WERE TAKEN FROM "ARROYO HONDO TRAIL LAND SURVEY CONTROL DIAGRAM (SEGMENT 4)" BY LORIS AND ASSOCIATES DATED 9/08/2017.
CONTACT ME FOR ADDITIONAL WGS 84 COORDINATES FOR PROPERTY CORNERS FOUND AND USED TO DETERMINE EASEMENT LOCATIONS WITHIN RECORDED PARCELS, ALL BEARING & DISTANCE INFORMATION IS FROM REFERENCED RECORDED PLATS WITH VARIOUS BASIS OF BEARINGS AND THIS SURVEY IS A COMPILATION OF RECORD DOCUMENTS ALIGNED TO ONE SYSTEM (WGS84) ANGLE POINTS FOR NEW EASEMENTS ARE ALSO AVAILABLE ON A CSV FILE ALONG WITH EXISTING IMPROVEMENT INFORMATION WITHIN THE NEW EASEMENT AREAS. VERTICAL INFORMATION OF EXISTING SEWER MANHOLES AND INVERTS WERE BASED ON THE BASE 1 H/V NAIL AND PRIOR TO CONSTRUCTION SHOULD BE INDEPENDENTLY VERIFIED TO ENSURE NO CONFLICT WITH DESIGN INFORMATION.



CONTROL POINT EXHIBIT OF
EXISTING EASEMENTS
RICHARDS TO NM14 SEWER INTERCEPTOR
FOR SANITARY SEWER WITHIN

A PORTION OF LA PRADERA & LOTS ALONG DINOSAUR TRAIL

TRACTS AS RECORDED IN PLAT BK. 759, PGS. 8 & 9, PLAT BK. 760, PGS. 27 & 28, PLAT BK. 654, PGS. 10-16, PLAT BK. 559, PG. 43, PLAT BK. 583, PG.42, PLAT BK. 743, PG. 2, PLAT BK. 583, PG.43, PLAT BK. 377, PG. 30, PLAT BK. 559, PG.1, PLAT BK. 693, PG.36

LYING WITHIN THE SECTIONS 17, 18, 19 & 20, T.16N., R.9E., N.M.P.M., SANTA FE COUNTY, NEW MEXICO.

COUNTY OF SANTA FE)SS
STATE OF NEW MEXICO)
I hereby certify that this instrument was filed for record on the _____ day of _____ A.D. 20_____, at _____ o'clock _____ m. and was duly recorded in book _____ page_____ of the records of Santa Fe County.
Witness my Hand and Seal of Office
Katharine Clark
County Clerk, Santa Fe County,N.M.

_____ Deputy

RICK CHATROOP
PROFESSIONAL LAND SURVEYOR
NEW MEXICO REGISTRATION NO. 11011
(505) 470-0037 110 WAGON TRAIL RD. CERRILLOS, NM. 87010

INDEXING INFORMATION FOR THE COUNTY CLERK
OWNER: MULTIPLE
LOCATION: LYING WITHIN THE SECTIONS 17, 18, 19 & 20, T.16N., R.9E., N.M.P.M., SANTA FE COUNTY, NEW MEXICO.

CONTROL POINT EXHIBIT OF EASEMENT EXHIBIT FOR LA PRADERA SUBDIVISION COMMON OPEN SPACE TRACT 4B

LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

RICK CHATROOP
PROFESSIONAL LAND SURVEYOR
NEW MEXICO REGISTRATION NO. 11011
(505) 470-0037 110 WAGON TRAIL RD. CERRILLOS, NM. 87010

REFERENCE: LA PRADERA
LOCATION: LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

SHEET 3

CONTROL POINT EXHIBIT OF EASEMENT EXHIBIT FOR LA PRADERA SUBDIVISION COMMON OPEN SPACE TRACT A

LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

RICK CHATROOP
PROFESSIONAL LAND SURVEYOR
NEW MEXICO REGISTRATION NO. 11011
(505) 470-0037 110 WAGON TRAIL RD. CERRILLOS, NM. 87010

REFERENCE: LA PRADERA
LOCATION: LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

SHEET 4

23-AH-CONTROL

LABEL CP-201/1201

PT#	N	E	Z	DESC.
12	1677330.081	1711915.648		2IN.IP
13	1677329.91	1711236.421		.5RBR
200	1676181.34	1705720.31	6463.3524	cont-102
201	1672308.12	1703664.99	6352.5424	cont-261
203	1675577.58	1705853.64	6433.4524	cont-275
204	1675226.88	1705661.42	6436.5424	cont-276
206	1672565.72	1704383.53	6365.9124	cont-301
1012	1677330.0602	1711915.6215	6513.8644	BC STUB
1013	1677329.9219	1711236.4517	6499.2794	.5RBR
1200	1676181.3016	1705720.2958	6463.3784	SMA CP
1201	1672308.1361	1703665.0019	6352.4194	DAWSON CAP
1203	1675577.6121	1705853.6557	6433.4524	7014 CAP
1204	1675226.9202	1705661.4005	6436.6104	7014 CAP
1206	1672565.6788	1704383.532	6365.9114	CAPPED RBR

NM CENTRAL STATE PLANE COORDINATES GRID USED TO LOCALIZE TO WGS84 AS LISTED BELOW

LOCALIZED WGS84 COORDINATES 1000 ADDED TO POINT NUMBER NM CENTRAL STATE PLANE COORDINATES USED THIS SURVEY AS CONTROL

NOAA OPUS SOLUTION: OP167971527802
NM CENTRAL STATE PLANE GRID COORDINATES USED THIS SURVEY AS PRIMARY HORIZONTAL/VERTICAL CONTROL POINT

3003	1677373.551	1706967.521	6454.9904	BASE-1 H/V NAIL

POINTS 12 & 13 WERE TAKEN FROM A STATE PLANE SURVEY BY ME FOR "LA PRADERA SUBDIVISION".
POINTS 200-206 WERE TAKEN FROM "ARROYO HONDO TRAIL LAND SURVEY CONTROL DIAGRAM (SEGMENT 4)" BY LORIS AND ASSOCIATES DATED 9/08/2017.
CONTACT ME FOR ADDITIONAL WGS 84 COORDINATES FOR PROPERTY CORNERS FOUND AND USED TO DETERMINE EASEMENT LOCATIONS WITHIN RECORDED PARCELS, ALL BEARING & DISTANCE INFORMATION IS FROM REFERENCED RECORDED PLATS WITH VARIOUS BASIS OF BEARINGS AND THIS SURVEY IS A COMPILATION OF RECORD DOCUMENTS ALIGNED TO ONE SYSTEM (WGS84) ANGLE POINTS FOR NEW EASEMENTS ARE ALSO AVAILABLE ON A CSV FILE ALONG WITH EXISTING IMPROVEMENT INFORMATION WITHIN THE NEW EASEMENT AREAS.
VERTICAL INFORMATION OF EXISTING SEWER MANHOLES AND INVERTS WERE BASED ON THE BASE 1 H/V NAIL AND PRIOR TO CONSTRUCTION SHOULD BE INDEPENDENTLY VERIFIED TO ENSURE NO CONFLICT WITH DESIGN INFORMATION.

CONTROL POINT EXHIBIT OF EASEMENT EXHIBIT FOR TRACT 1 LOT C & LOT D-1

LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

RICK CHATROOP
PROFESSIONAL LAND SURVEYOR
NEW MEXICO REGISTRATION NO. 11011
(505) 470-0037 110 WAGON TRAIL RD. CERRILLOS, NM. 87010

REFERENCE: LA PRADERA
LOCATION: LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

SHEET 5

23-AH-ADDITIONAL POINTS

PT#	N	E	Z	DESC.
1011	1677328.1554	1712149.0048	6517.0204	1/2IN IP
1301	1677325.0655	1706823.0974	6457.9484	ROWR 88+94.86
1304	1673329.1072	1705291.9892	6373.1654	3/4IN PIPE
1307	1671620.7769	1701527.3929	6324.2274	CAPPED RBR
1308	1670713.9529	1701599.5969	6329.1604	7014 CAP
1309	1677331.4766	1710991.8679	6491.7484	3/4IN PIPE
1782	1677306.3971	1708937.5703	6465.4594	9052 CAP/.5RBR/APF
1842	1677329.9176	1711236.4799	6499.3174	10277 TAGGED RBR
1854	1677330.4948	1711463.0539	6502.8834	10277 CAP
1905	1677321.8496	1712921.265	6530.7484	1IN IP 1.0 E
2762	1678124.7788	1712581.8359	6529.41	SFC 1054
4000	1677312.1712	1707943.7904		ci-sewer-start
4001	1677310.4409	1707180.5837		ci-ap-sewer
4002	1676174.4569	1706497.2266		ci-ap-sewer
4003	1674984.7142	1706984.2039		ci-ap-sewer
4004	1674518.1305	1705977.727		ci-ap-sewer
4005	1674319.6955	1705802.8501		ci-ap-sewer
4006	1673775.0484	1705705.4549		ci-ap-sewer
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4011	1672362.8022	1703512.5277		ci-ap-sewer
4012	1671476.4517	1702308.0926		ci-ap-sewer
4013	1670919.1355	1700995.399		ci-sewer-end
4014	1677340.24	1710523.7008		Esmt-start
4015	1677435.1877	1711289.2641		esmt-ap
4016	1677750.7188	1711794.8163		esmt-ap
4017	1678109.6328	1712143.4293		esmt-ap
4018	1678105.651	1712918.6008		esmt-ap
4019	1677908.1768	1714514.5555		esmt-end
4020	1677321.8365	1712922.4104		1909-TRUE

CONTROL POINT EXHIBIT OF EASEMENT EXHIBIT FOR PETCHESKY

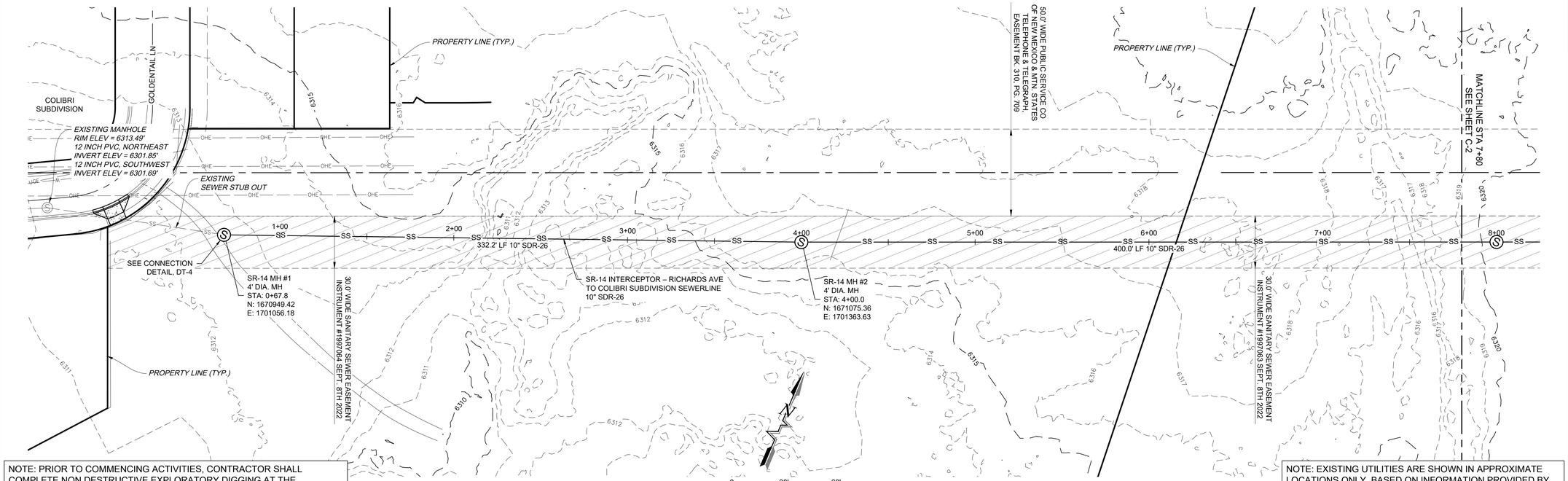
TRACT P CONSERVATION AREA 2

LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

RICK CHATROOP
PROFESSIONAL LAND SURVEYOR
NEW MEXICO REGISTRATION NO. 11011
(505) 470-0037 110 WAGON TRAIL RD. CERRILLOS, NM. 87010

LOCATION: LYING WITHIN SECTION 17, T.16N., R.9E., N.M.P.M., COUNTY OF SANTA FE, NEW MEXICO.

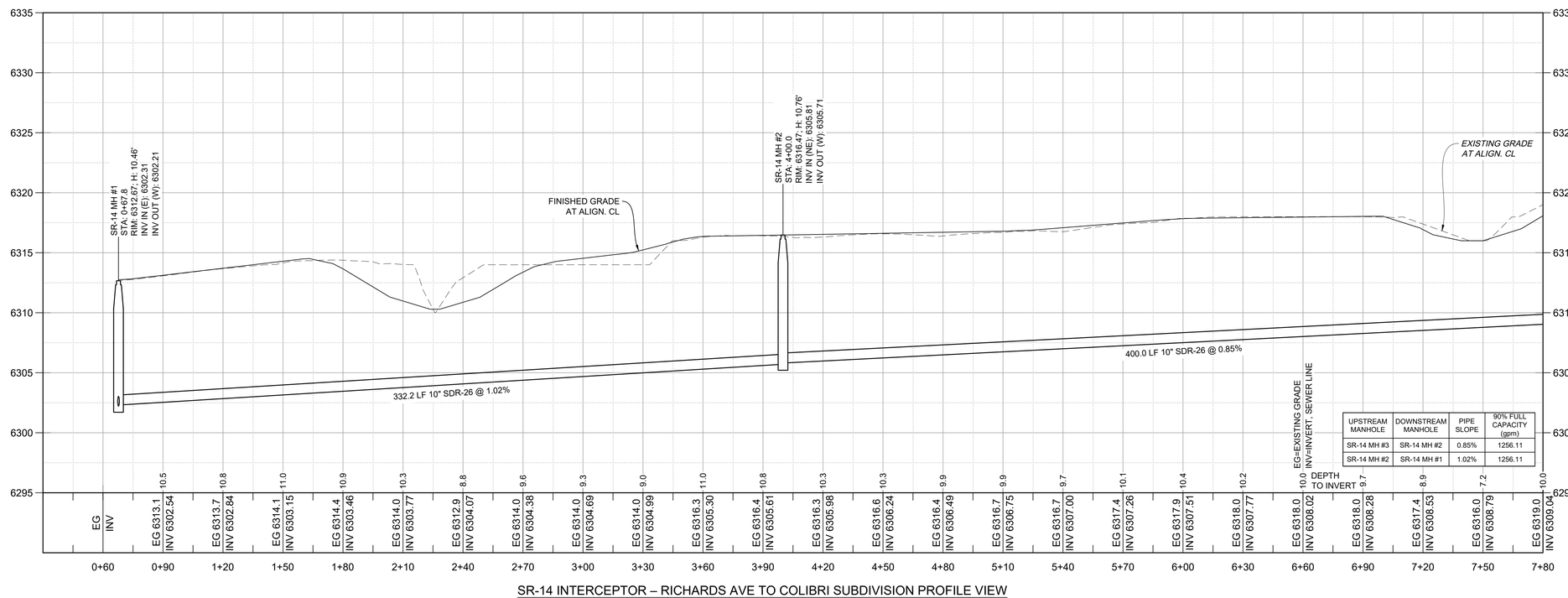
SHEET 6



NOTE: PRIOR TO COMMENCING ACTIVITIES, CONTRACTOR SHALL COMPLETE NON DESTRUCTIVE EXPLORATORY DIGGING AT THE CONNECTION LOCATIONS TO DETERMINE LOCATION AND DEPTHS OF EXISTING SEWER STUB. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DEVIATIONS FROM DESIGN LAYOUT IN ADVANCE OF CONSTRUCTION WITH ENOUGH NOTICE TO ENABLE DESIGN MODIFICATION IF NECESSARY.

NOTE: EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY, BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES OR AS-BUILT DRAWINGS. CONTRACTOR MUST CONTACT NM ONECALL TO OBTAIN SPOTS AND SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS IN THE FIELD. SEE GENERAL NOTES FOR FURTHER INFORMATION.

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #3	SR-14 MH #2	0.85%	1256.11
SR-14 MH #2	SR-14 MH #1	1.02%	1256.11

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

Rev #	Date	Description	By	Chk'd

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 0+68 TO 7+80

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025

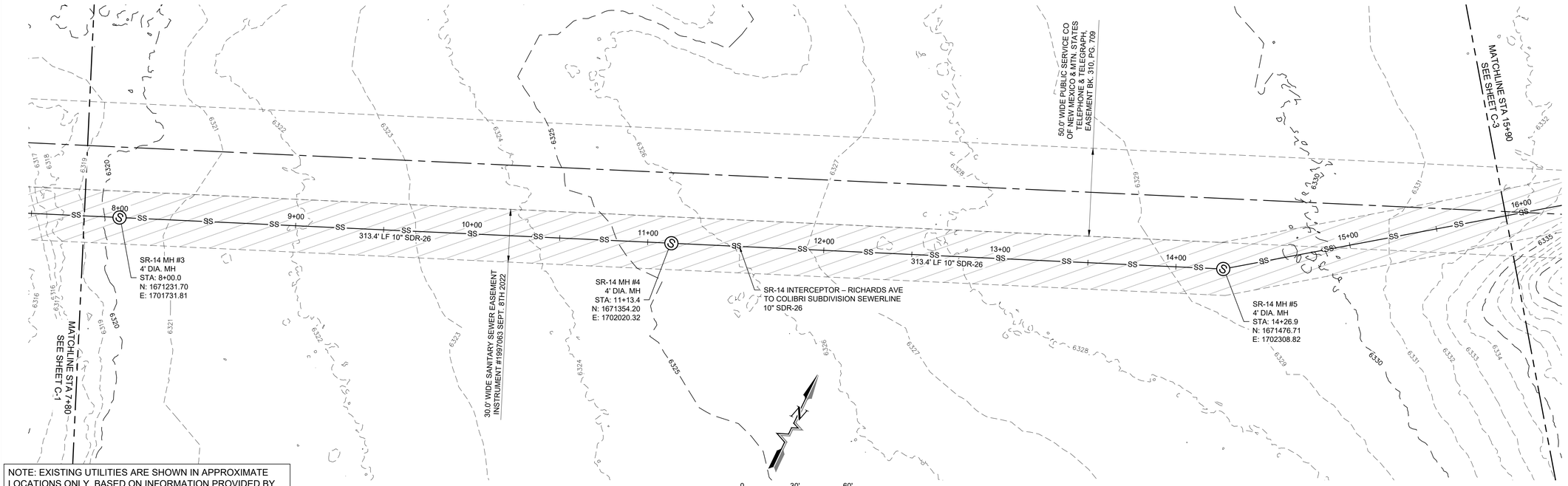
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Vert: 1" = 5'

Project No: 6232636

Sheet: C-1

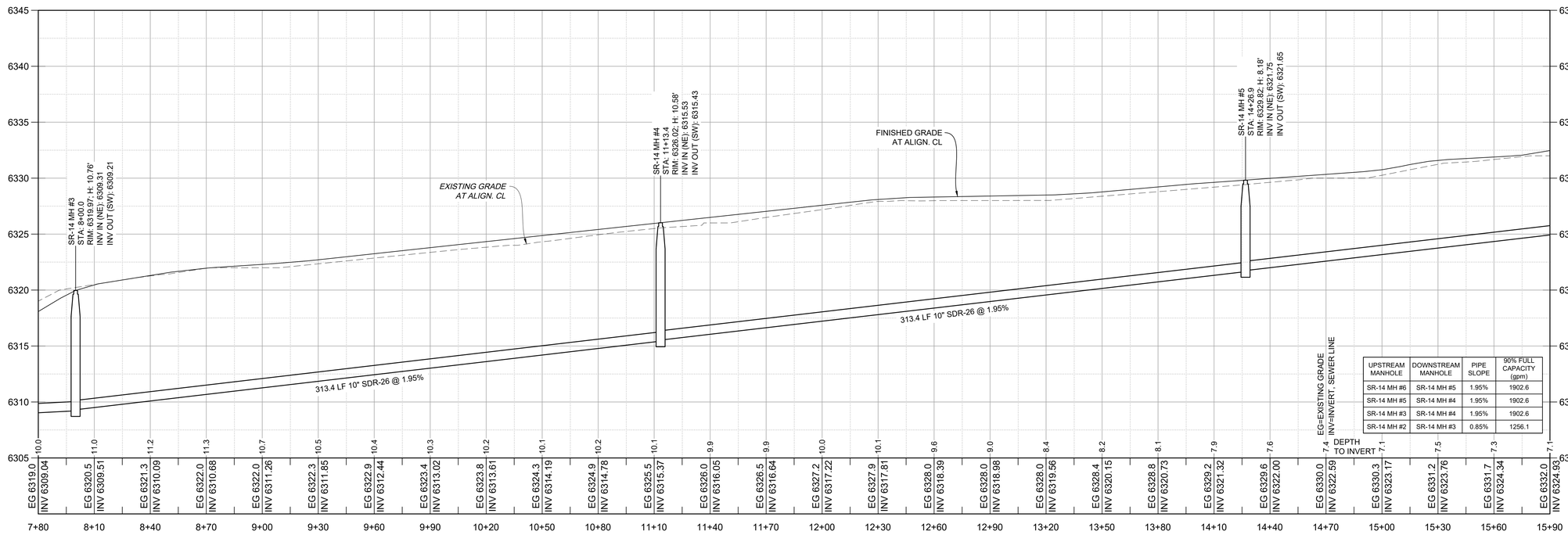
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P:\9-Gorlow AH Santa Fe Subdivision (9230488)\CAD\Civil\Offsite Utilities\Construction Plans\VFG - Oshara Interceptor - (1) - (1).dwg, 11/26/2025 8:15:47 AM KPC



NOTE: EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY, BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES OR AS-BUILT DRAWINGS. CONTRACTOR MUST CONTACT NM ONECALL TO OBTAIN SPOTS AND SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS IN THE FIELD. SEE GENERAL NOTES FOR FURTHER INFORMATION.

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #6	SR-14 MH #5	1.95%	1902.6
SR-14 MH #5	SR-14 MH #4	1.95%	1902.6
SR-14 MH #4	SR-14 MH #3	1.95%	1902.6
SR-14 MH #3	SR-14 MH #2	0.85%	1256.1

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 7+80 TO 15+90

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/26/2025

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025

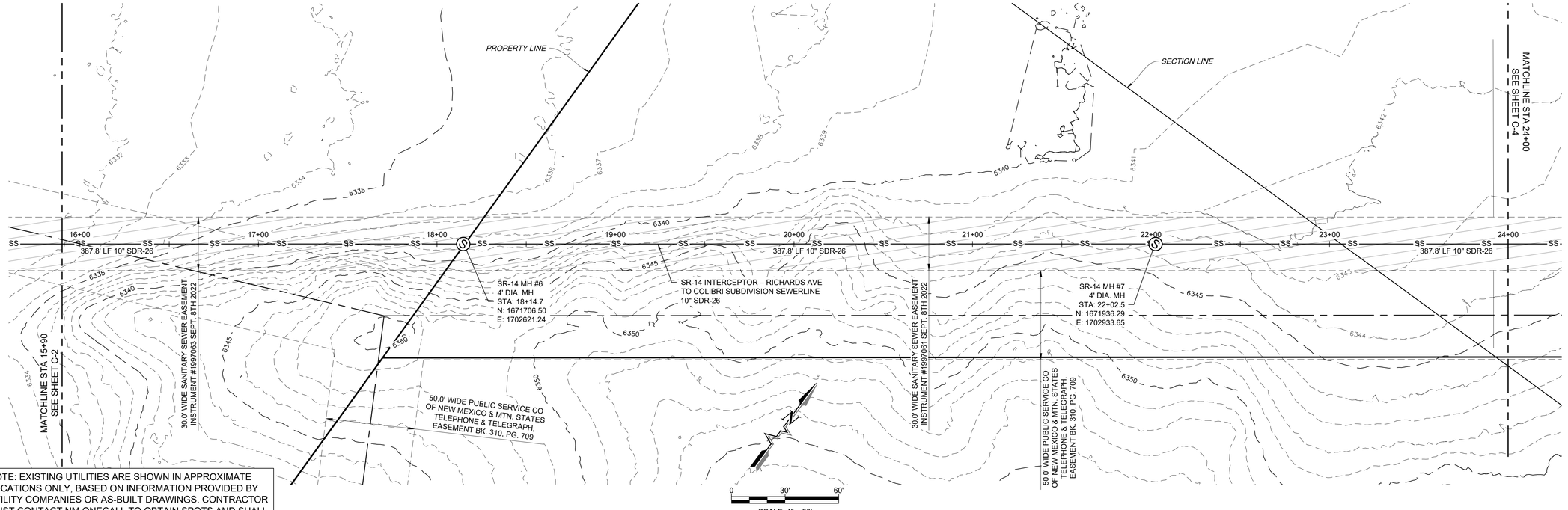
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Vert: 1" = 5'

Project No: 6232636

Sheet: C-2

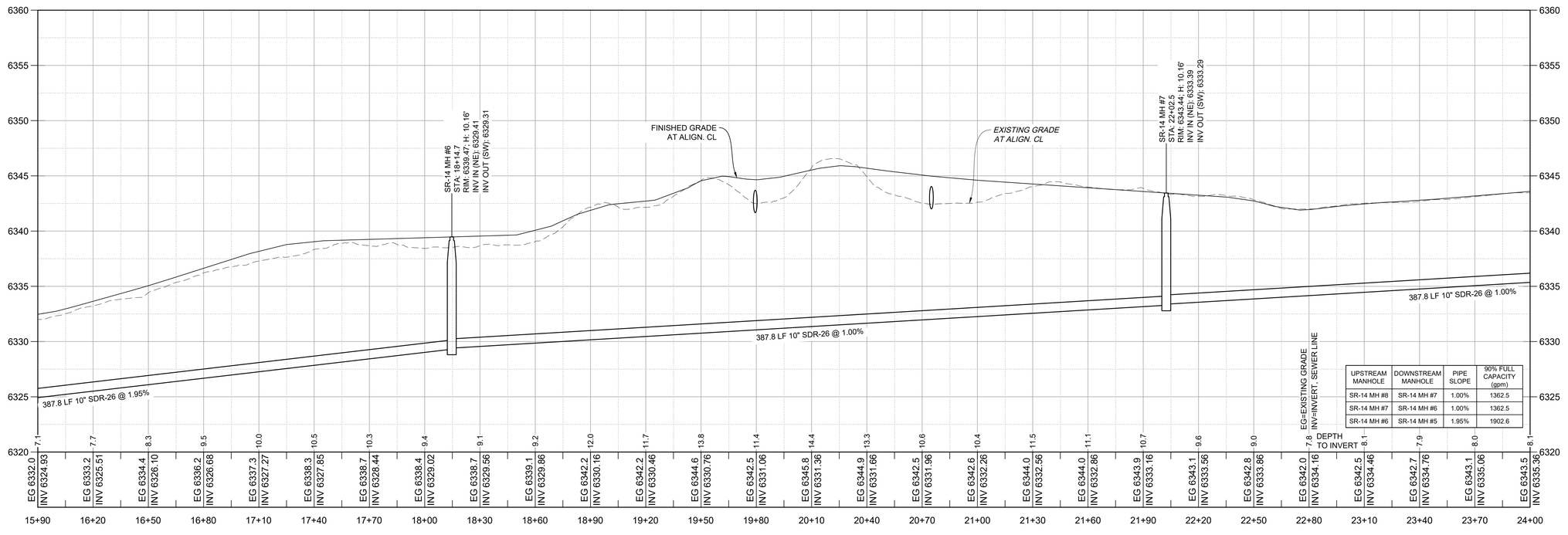
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #8	SR-14 MH #7	1.00%	1362.5
SR-14 MH #7	SR-14 MH #6	1.00%	1362.5
SR-14 MH #6	SR-14 MH #5	1.95%	1902.6

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 15+90 TO 24+00

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/26/2025

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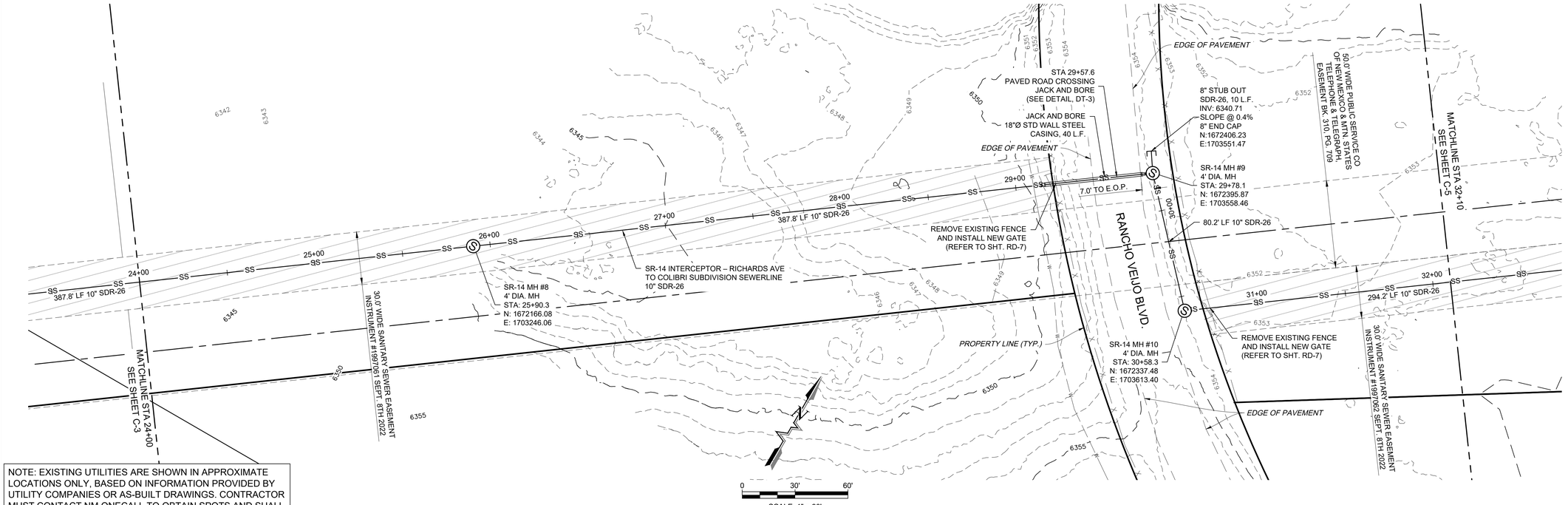
Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025

Scale: Horiz: 1" = 30'
Vert: 1" = 5'

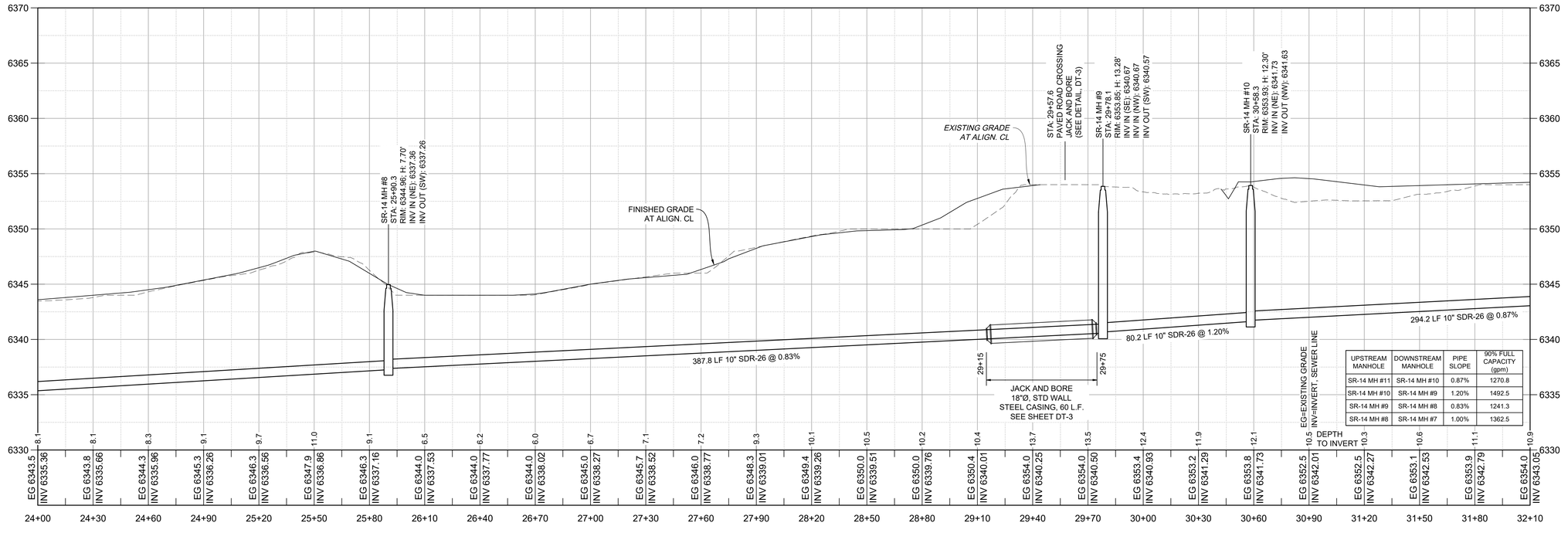
Project No: 6232636

Sheet: C-3



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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #11	SR-14 MH #10	0.87%	1270.8
SR-14 MH #10	SR-14 MH #9	1.20%	1492.5
SR-14 MH #9	SR-14 MH #8	0.83%	1241.3
SR-14 MH #8	SR-14 MH #7	1.00%	1362.5

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

Rev #	Date	Description	By	Chk'd

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 24+00 TO 32+10

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

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Designed	Drawn	Checked
KPC	AAV	JAC

Date: November 2025

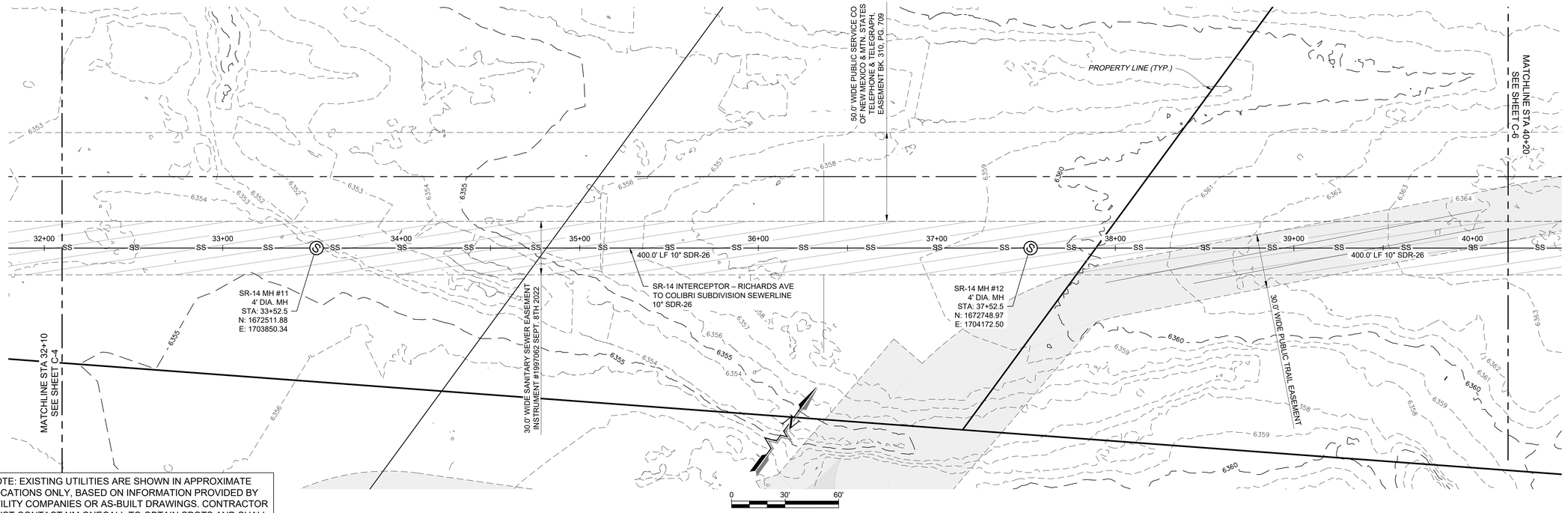
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Vert: 1" = 5'

Project No: 6232636

Sheet: C-4

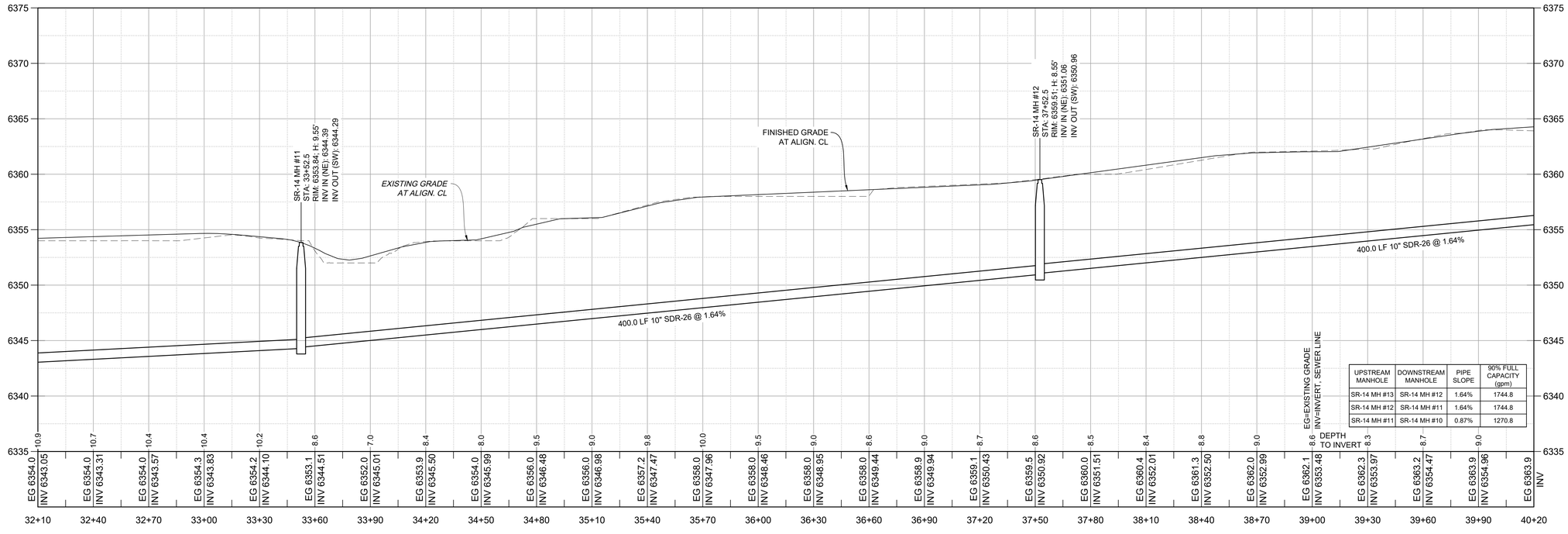
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #13	SR-14 MH #12	1.64%	1744.8
SR-14 MH #12	SR-14 MH #11	1.64%	1744.8
SR-14 MH #11	SR-14 MH #10	0.87%	1270.8

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

Rev #	Date	Description	By	Chk'd

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 32+10 TO 40+20

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

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KPC	AAV	JAC

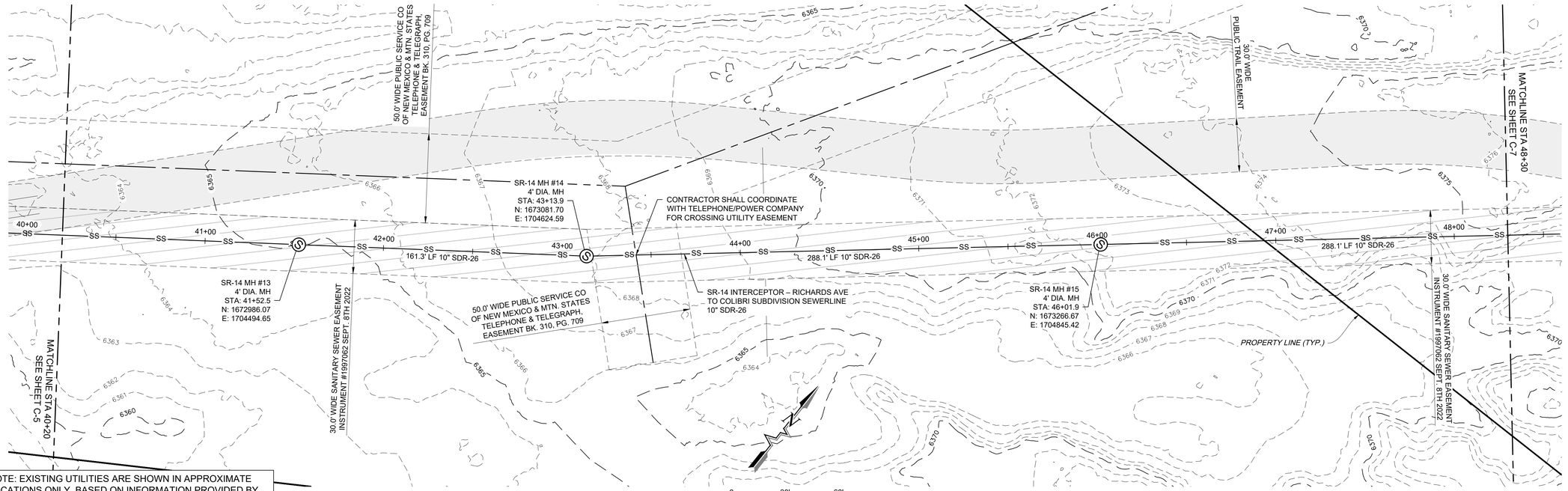
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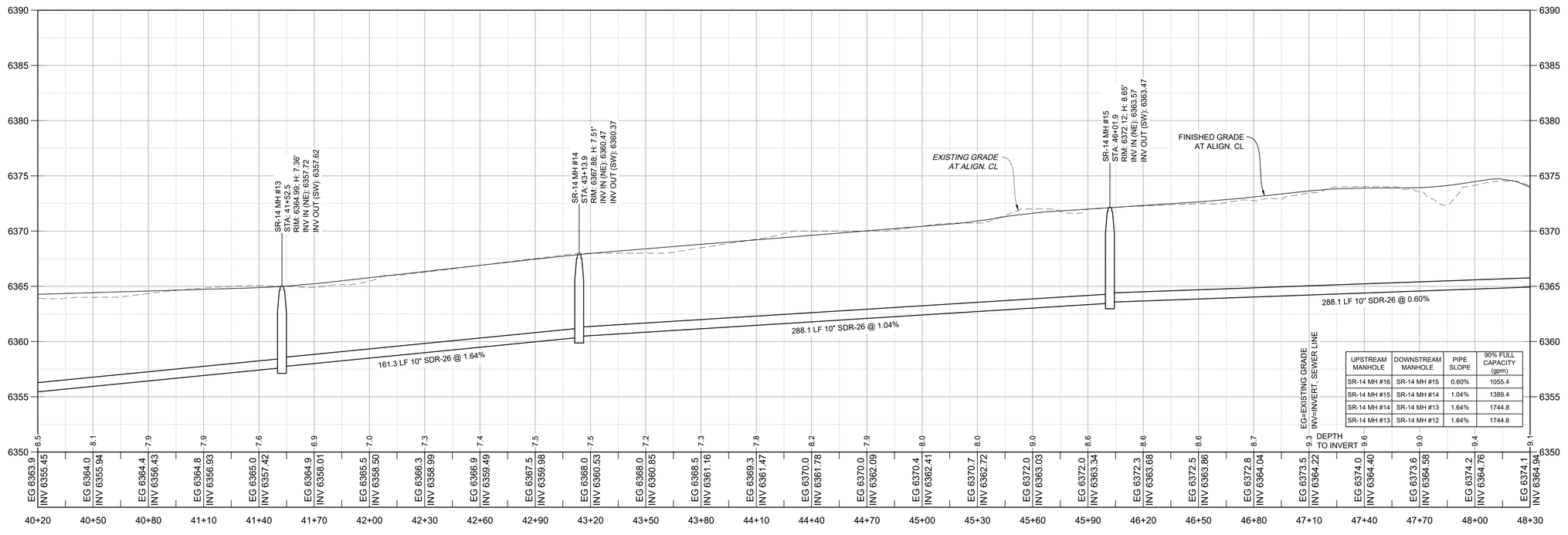
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #16	SR-14 MH #15	0.60%	1055.4
SR-14 MH #15	SR-14 MH #14	1.04%	1389.4
SR-14 MH #14	SR-14 MH #13	1.64%	1744.8
SR-14 MH #13	SR-14 MH #12	1.64%	1744.8

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 40+20 TO 48+30

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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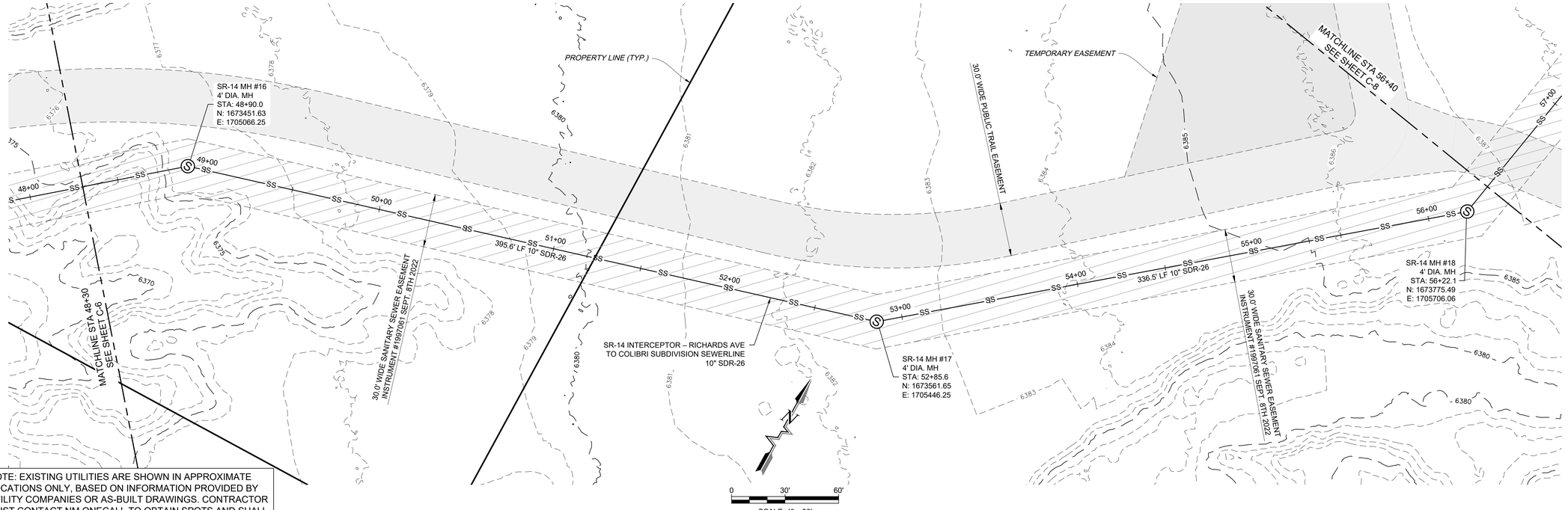
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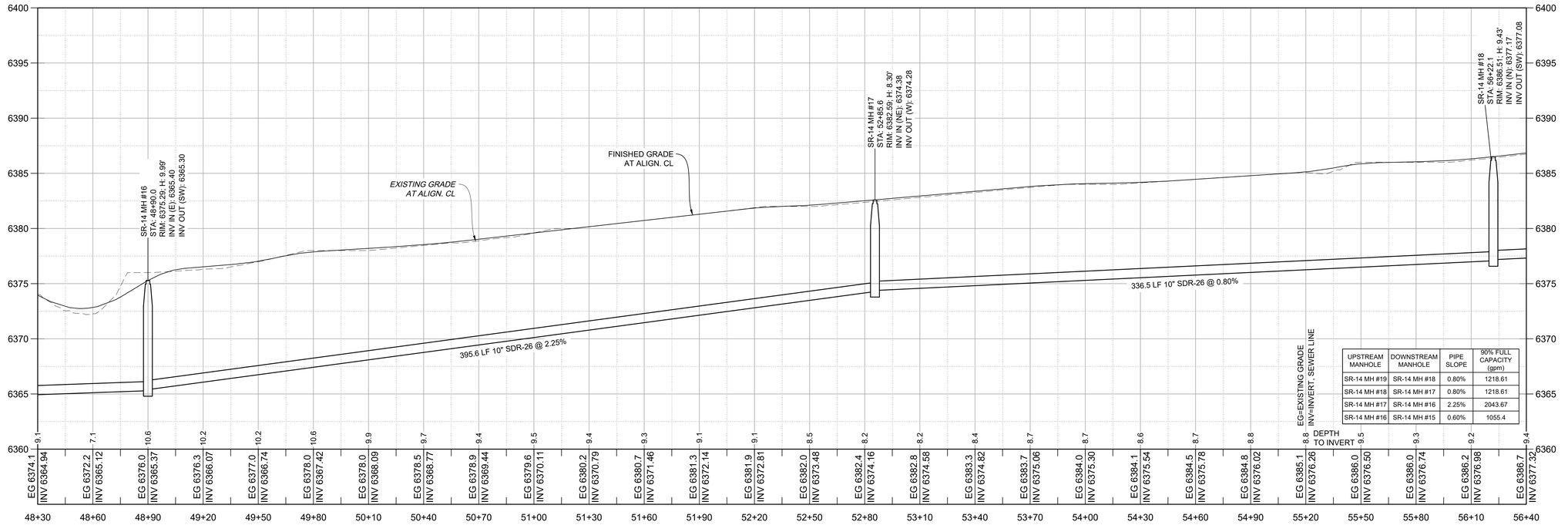
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #19	SR-14 MH #18	0.80%	1218.61
SR-14 MH #18	SR-14 MH #17	0.80%	1218.61
SR-14 MH #17	SR-14 MH #16	2.25%	2043.67
SR-14 MH #16	SR-14 MH #15	0.60%	1055.4

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SR-14 INTERCEPTOR SEWER P&P
STA 48+30 TO 56+40

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

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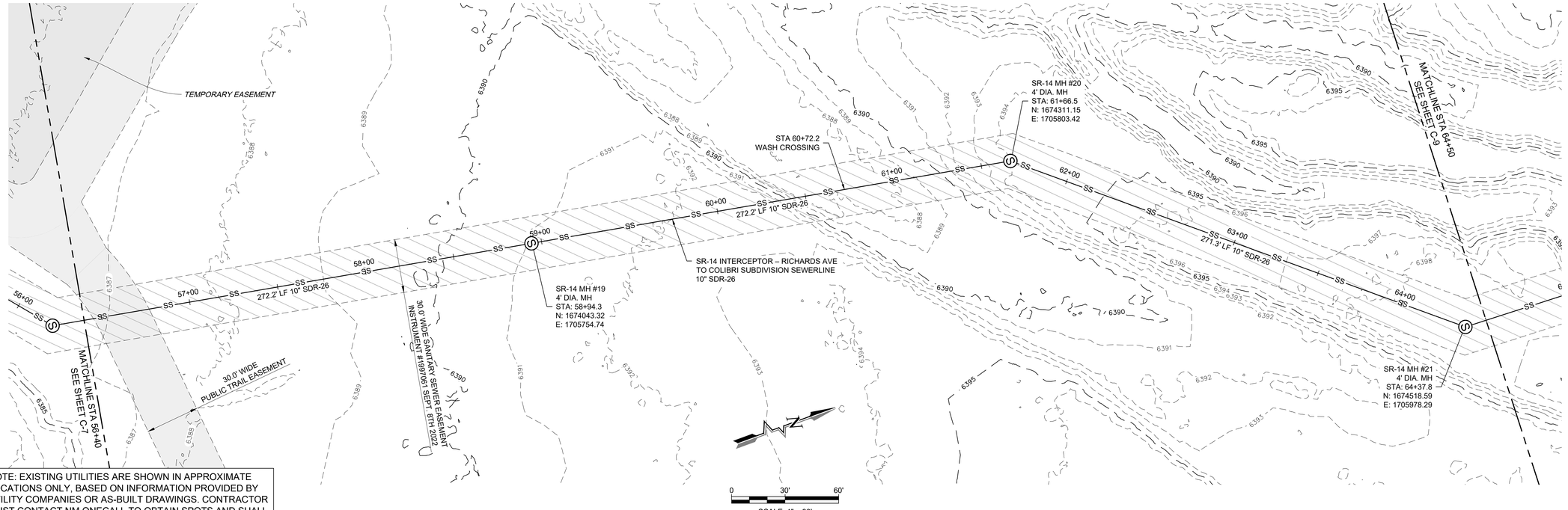
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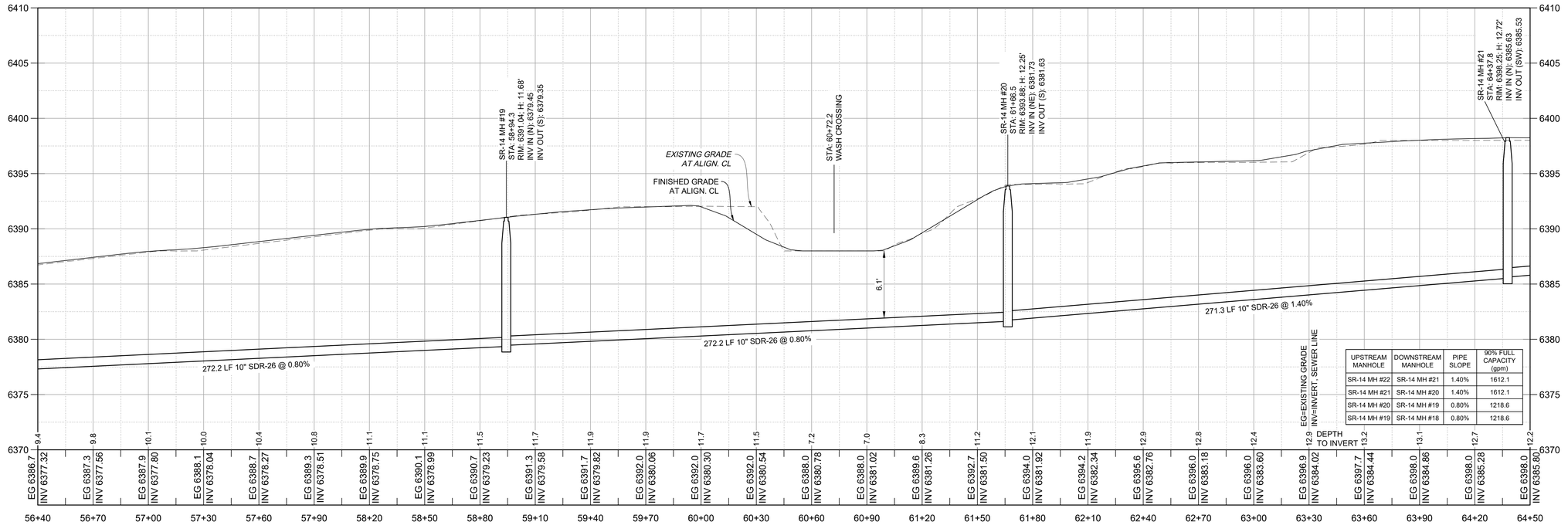
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #22	SR-14 MH #21	1.40%	1612.1
SR-14 MH #21	SR-14 MH #20	1.40%	1612.1
SR-14 MH #20	SR-14 MH #19	0.80%	1218.6
SR-14 MH #19	SR-14 MH #18	0.80%	1218.6

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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STA 56+40 TO 64+50

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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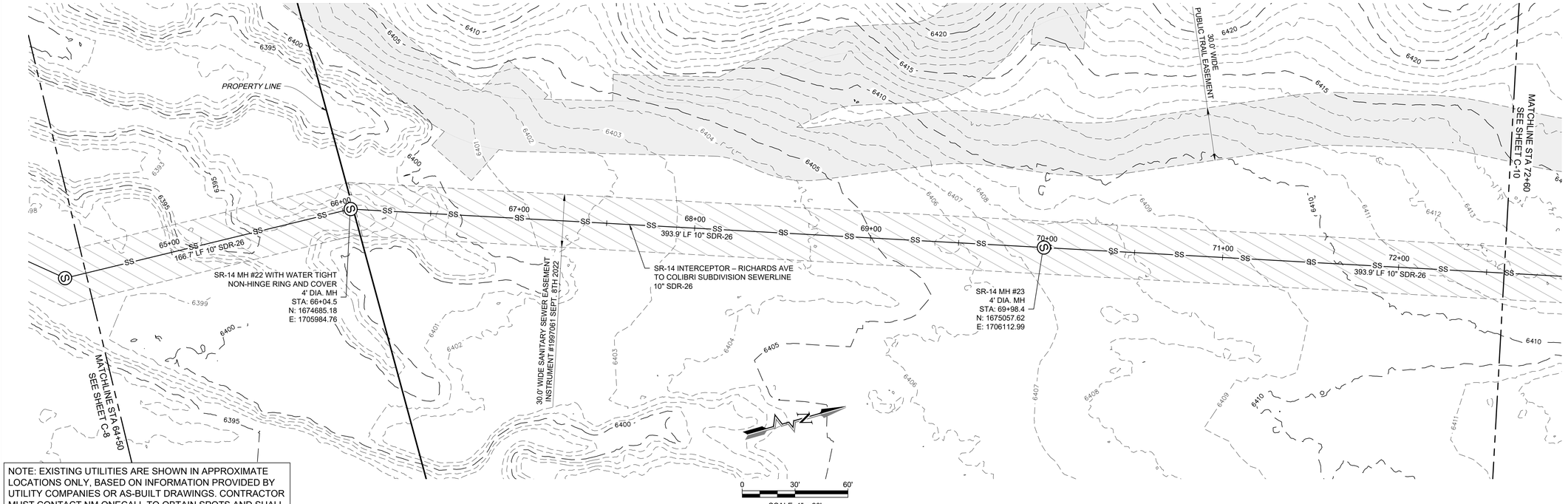
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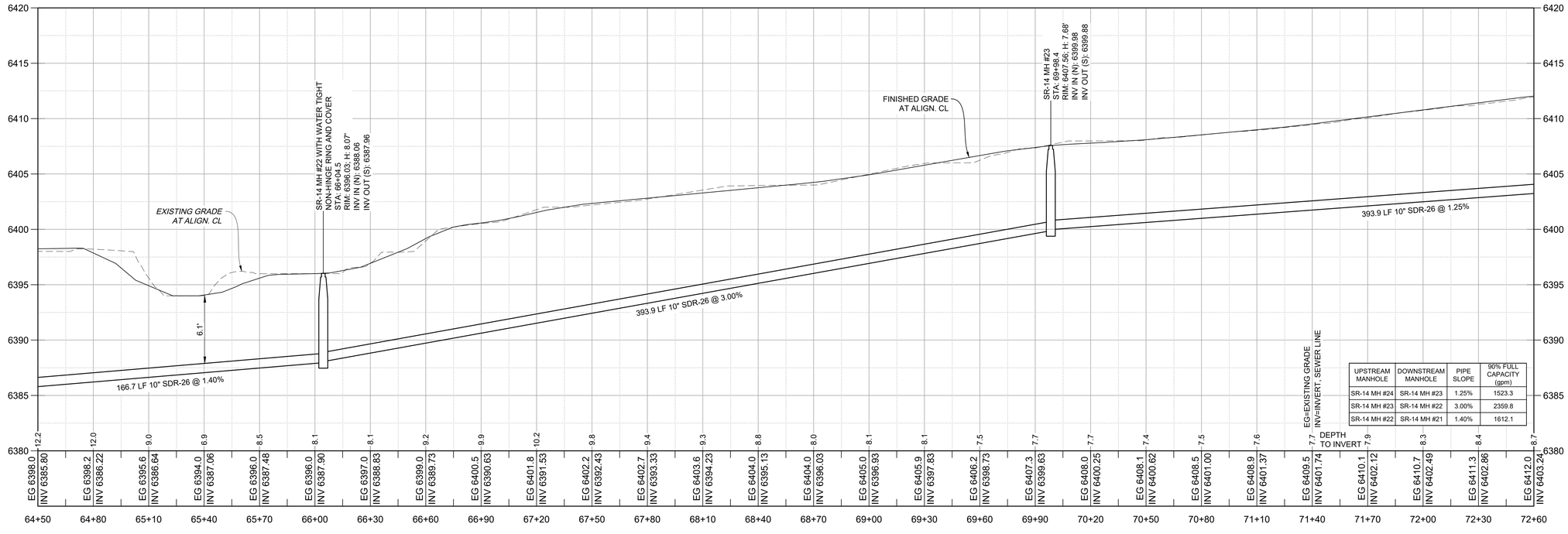
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #24	SR-14 MH #23	1.25%	1523.3
SR-14 MH #23	SR-14 MH #22	3.00%	2359.8
SR-14 MH #22	SR-14 MH #21	1.40%	1612.1

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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STA 64+50 TO 72+60

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/26/2025

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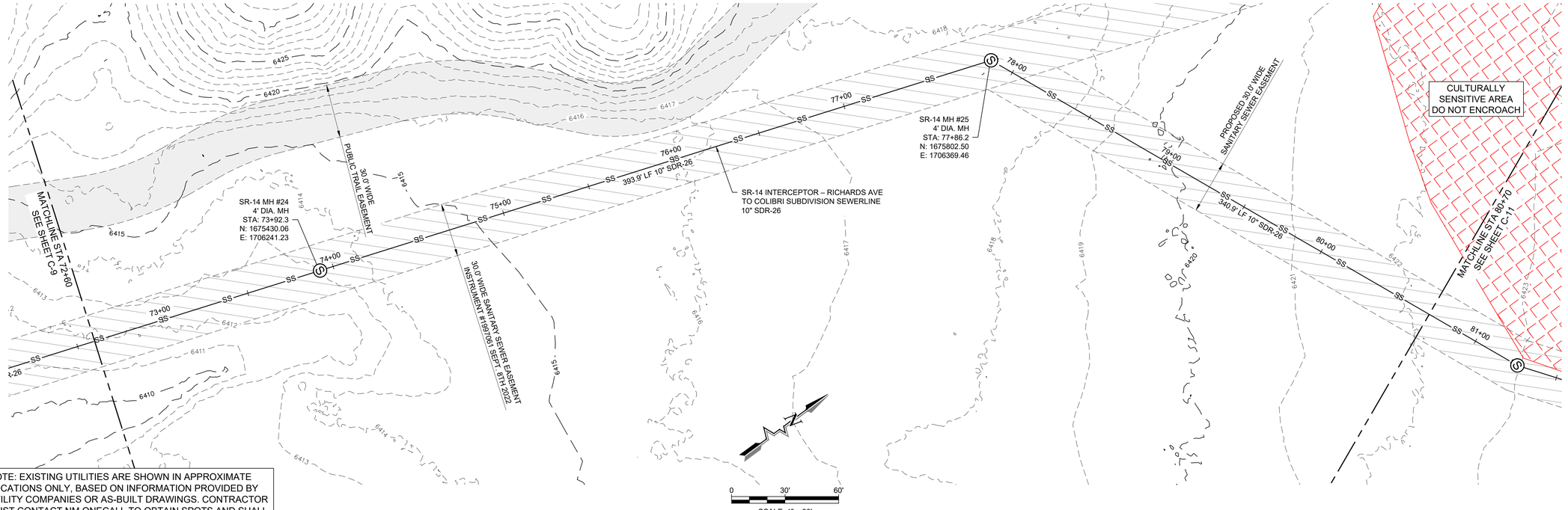
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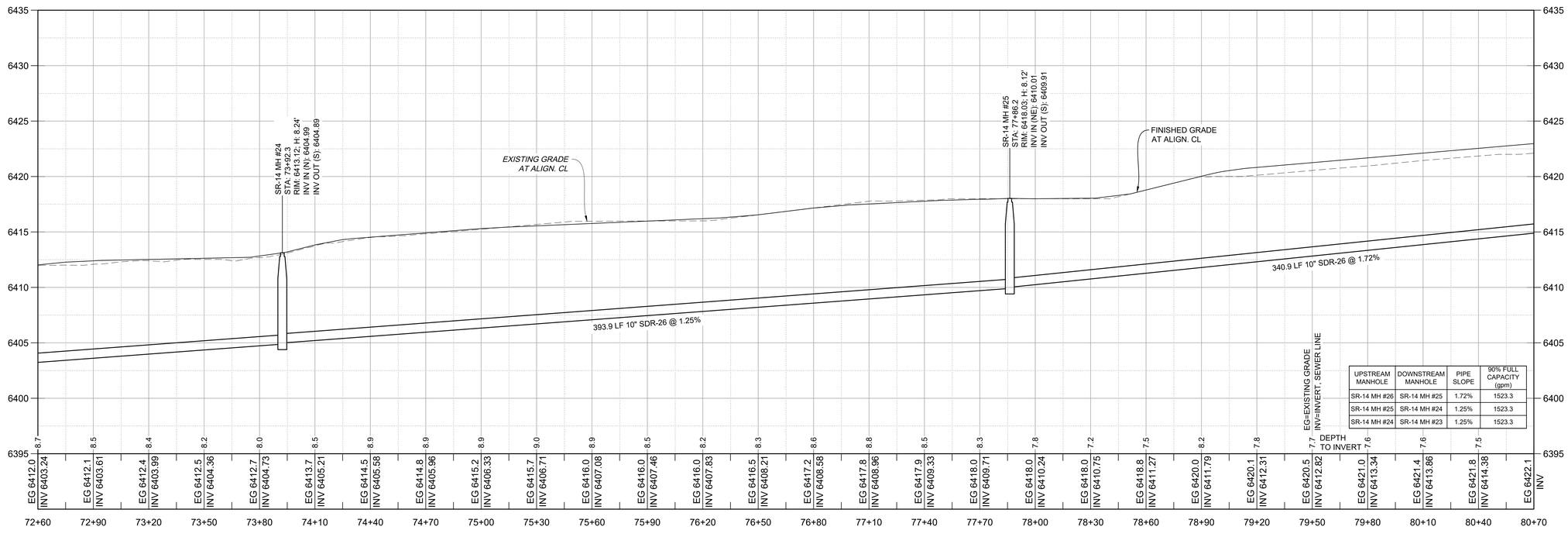
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #26	SR-14 MH #25	1.72%	1523.3
SR-14 MH #25	SR-14 MH #24	1.25%	1523.3
SR-14 MH #24	SR-14 MH #23	1.25%	1523.3

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

Rev #	Date	Description	By	Chk'd

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STA 72+60 TO 80+70

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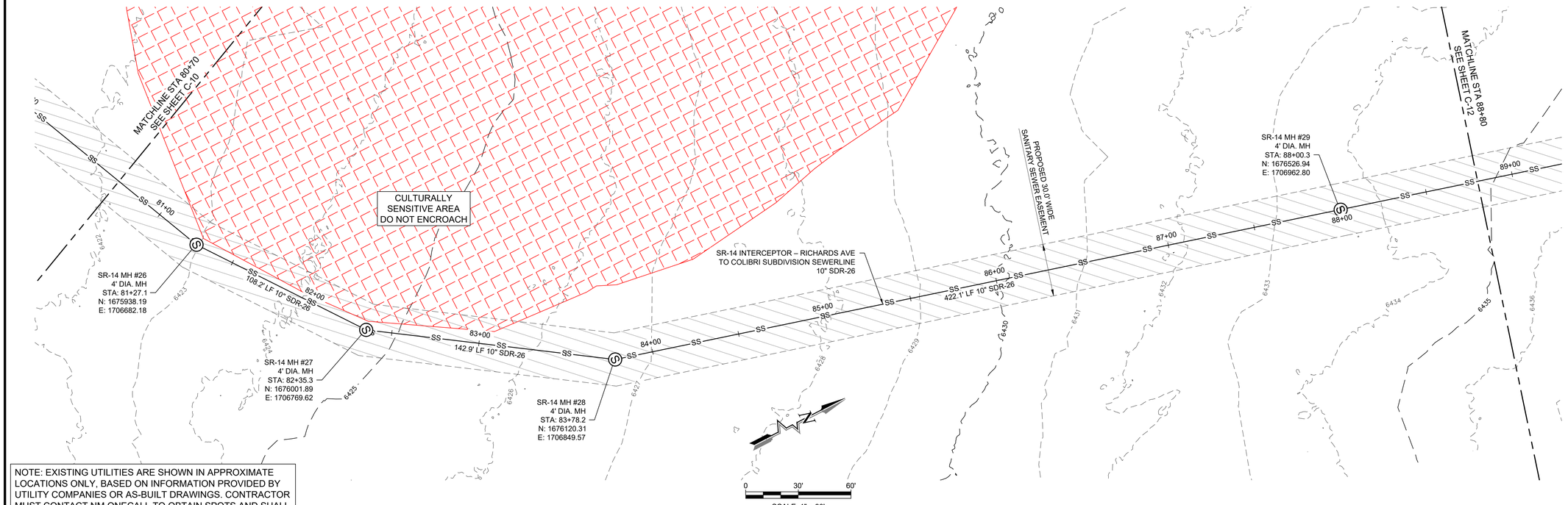
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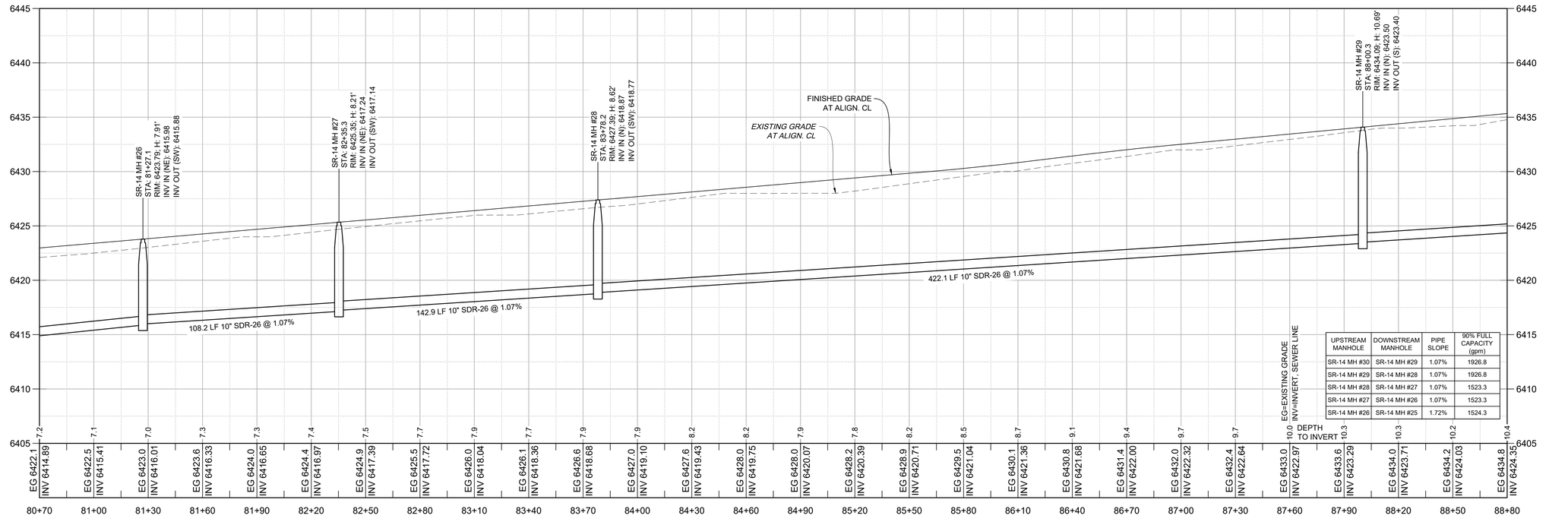
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #30	SR-14 MH #29	1.07%	1926.8
SR-14 MH #29	SR-14 MH #28	1.07%	1926.8
SR-14 MH #28	SR-14 MH #27	1.07%	1523.3
SR-14 MH #27	SR-14 MH #26	1.07%	1523.3
SR-14 MH #26	SR-14 MH #25	1.72%	1524.3

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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STA 80+70 TO 88+80

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

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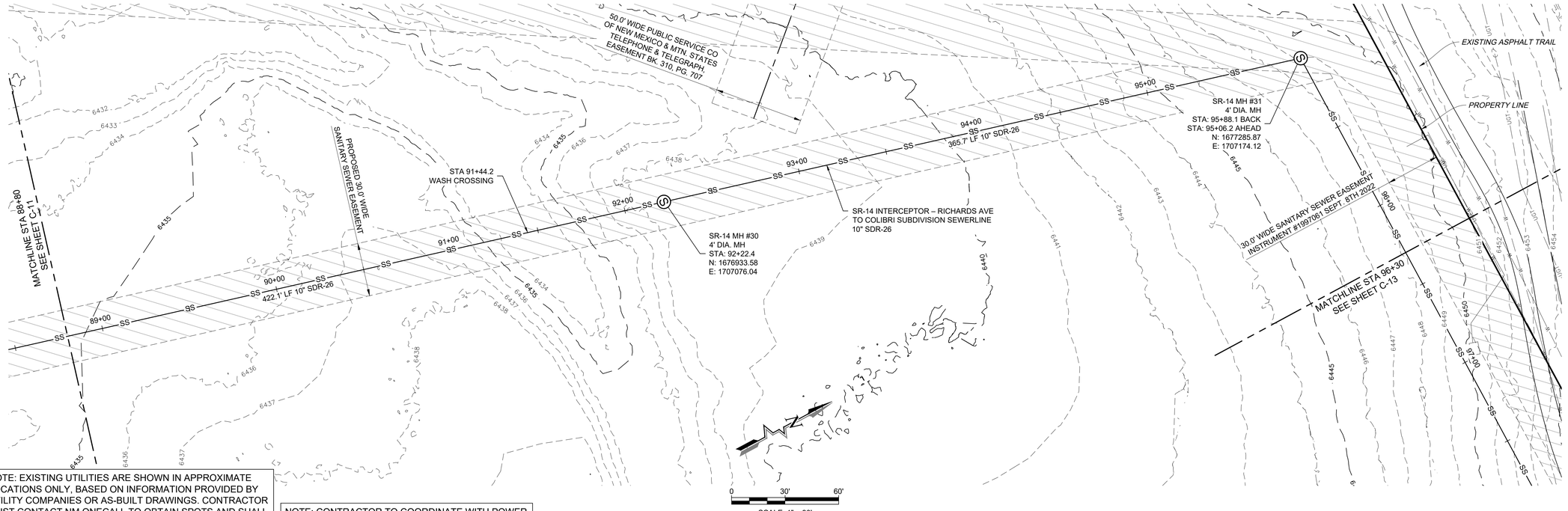
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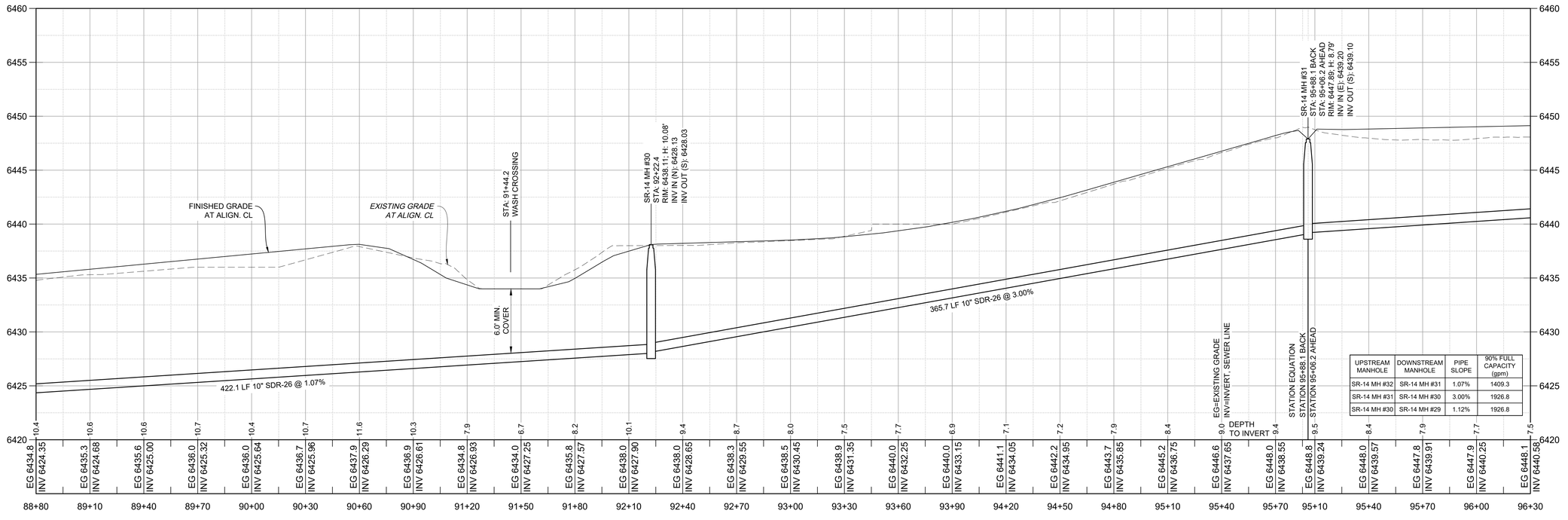
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NOTE: CONTRACTOR TO COORDINATE WITH POWER COMPANY WHILE CROSSING POWER COMPANY FACILITIES. RELOCATE GUY WIRES AS NEEDED.

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #32	SR-14 MH #31	1.07%	1409.3
SR-14 MH #31	SR-14 MH #30	3.00%	1926.8
SR-14 MH #30	SR-14 MH #29	1.12%	1926.8

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

Rev #	Date	Description	By	Chk'd

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SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 88+80 TO 96+30

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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Date: November 2025

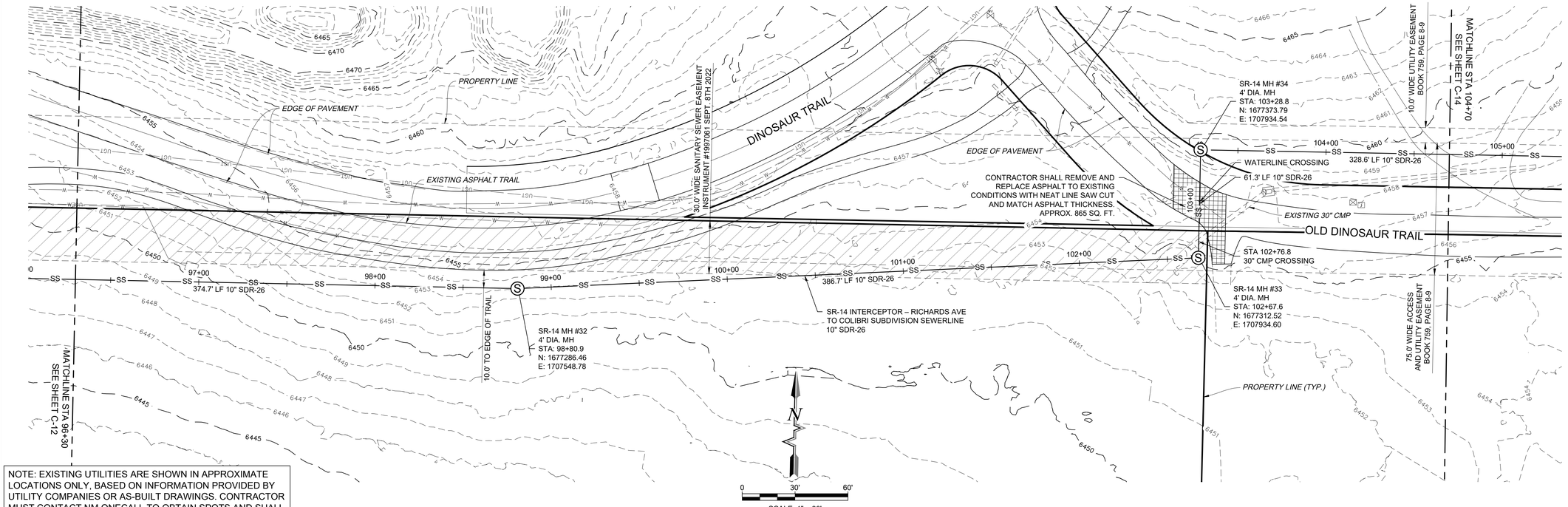
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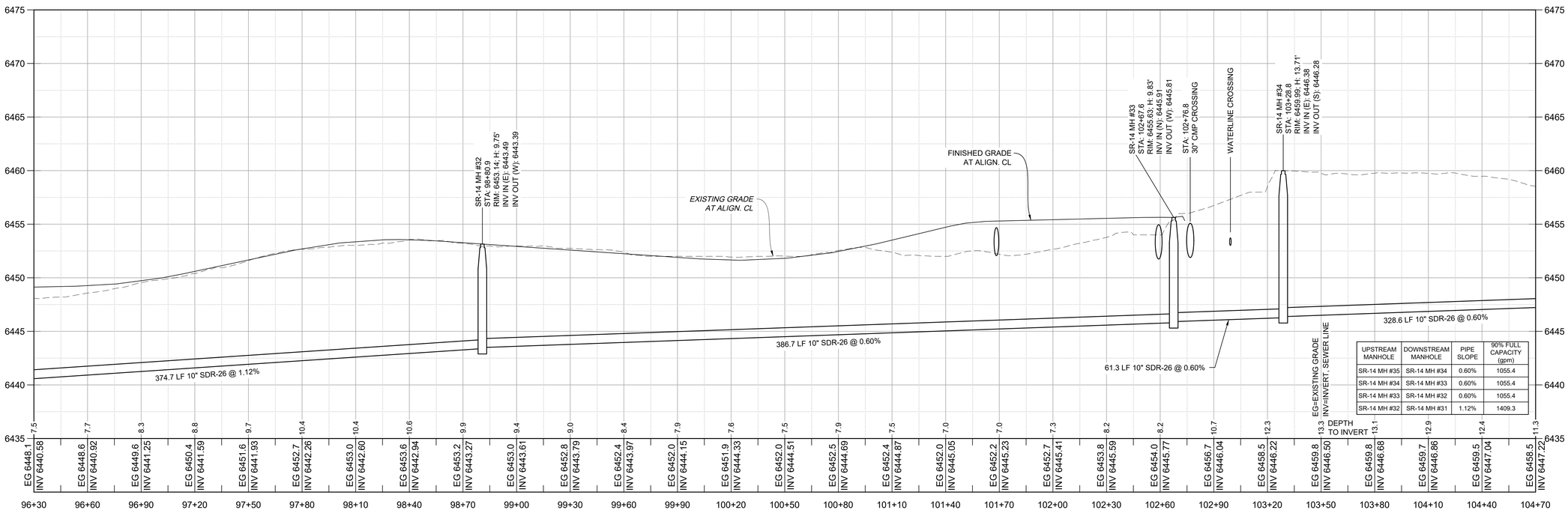
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #35	SR-14 MH #34	0.60%	1055.4
SR-14 MH #34	SR-14 MH #33	0.60%	1055.4
SR-14 MH #33	SR-14 MH #32	0.60%	1055.4
SR-14 MH #32	SR-14 MH #31	1.12%	1409.3

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 96+30 TO 104+70

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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KPC	AAV	JAC

Date: November 2025

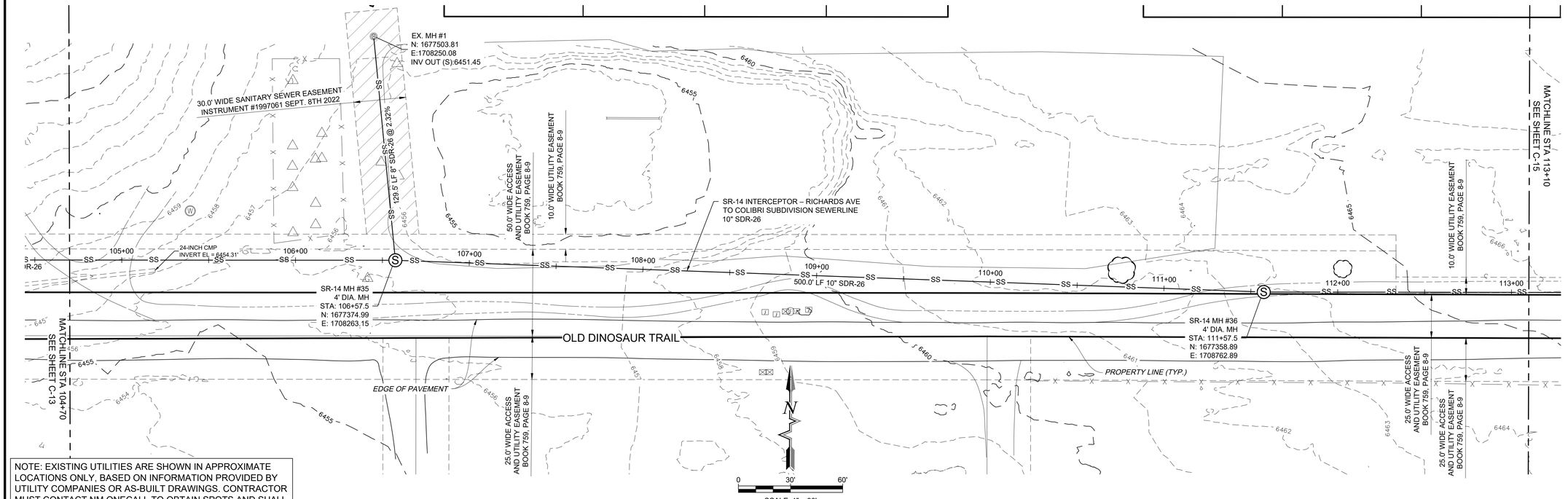
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Project No: 6232636

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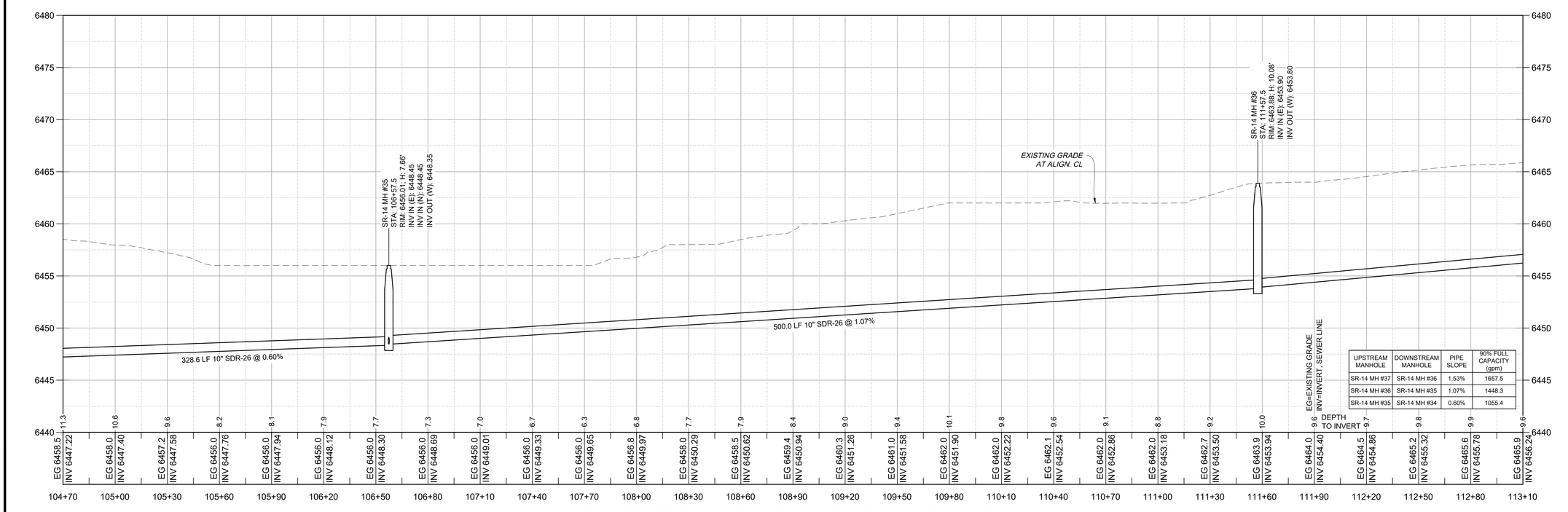
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #37	SR-14 MH #36	1.53%	1657.5
SR-14 MH #36	SR-14 MH #35	1.07%	1448.3
SR-14 MH #35	SR-14 MH #34	0.60%	1055.4

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 104+70 TO 113+10

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/26/2025

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Designed	Drawn	Checked
KPC	AAV	JAC

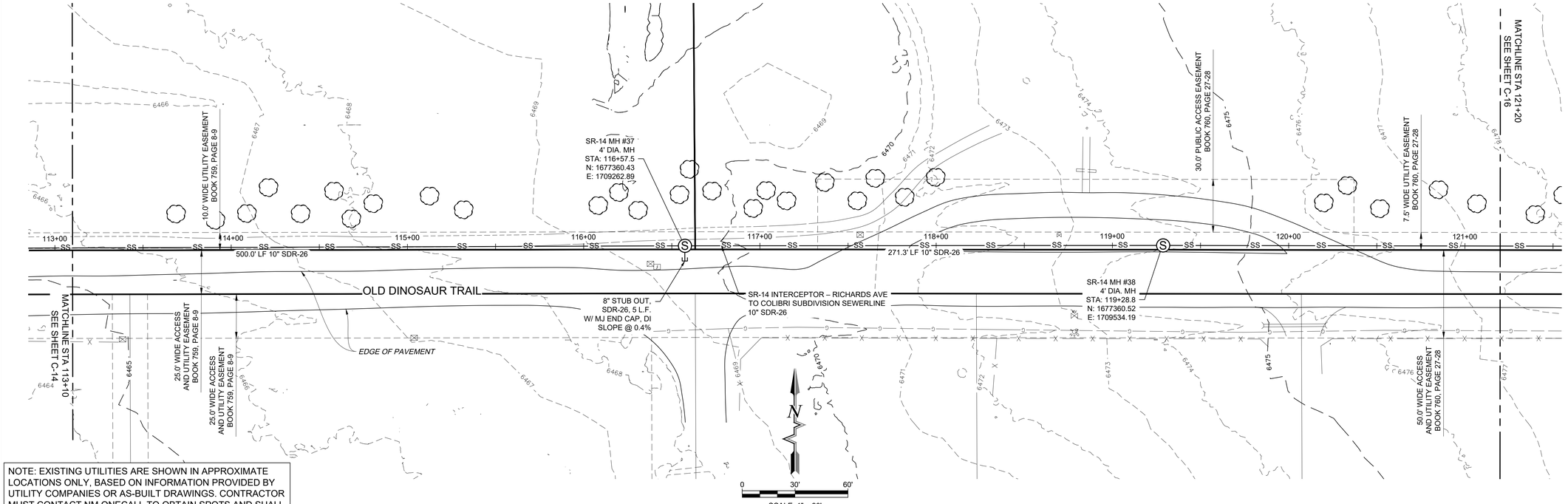
Date: November 2025

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Project No: 6232636

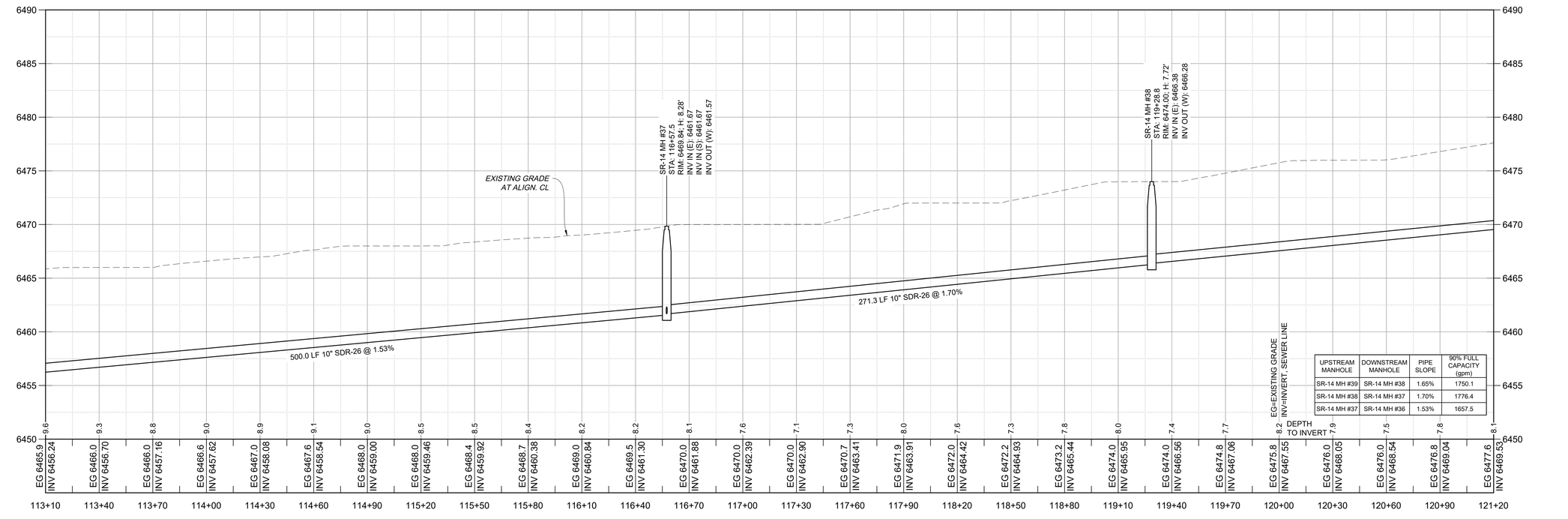
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #39	SR-14 MH #38	1.65%	1750.1
SR-14 MH #38	SR-14 MH #37	1.70%	1776.4
SR-14 MH #37	SR-14 MH #36	1.53%	1657.5

	EG	INV	DEPTH TO INVERT
113+10	6465.9	6456.24	9.6
113+40	6466.0	6456.70	9.3
113+70	6466.0	6457.16	8.8
114+00	6466.6	6457.62	9.0
114+30	6467.0	6458.08	8.9
114+60	6467.6	6458.54	9.1
114+90	6468.0	6459.00	9.0
115+20	6468.0	6459.46	8.5
115+50	6468.4	6459.92	8.5
115+80	6468.7	6460.38	8.4
116+10	6469.0	6460.84	8.2
116+40	6469.5	6461.30	8.2
116+70	6470.0	6461.88	8.1
117+00	6470.0	6462.39	7.6
117+30	6470.0	6462.90	7.1
117+60	6470.7	6463.41	7.3
117+90	6471.9	6463.91	8.0
118+20	6472.0	6464.42	7.6
118+50	6472.2	6464.93	7.3
118+80	6473.2	6465.44	7.8
119+10	6474.0	6465.95	8.0
119+40	6474.0	6466.56	7.4
119+70	6474.8	6467.06	7.7
120+00	6475.8	6467.55	8.2
120+30	6476.0	6468.05	7.9
120+60	6476.0	6468.54	7.5
120+90	6476.8	6469.04	7.8
121+20	6477.6	6469.53	8.1

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 113+10 TO 121+20

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/26/2025

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KPC	AAV	JAC

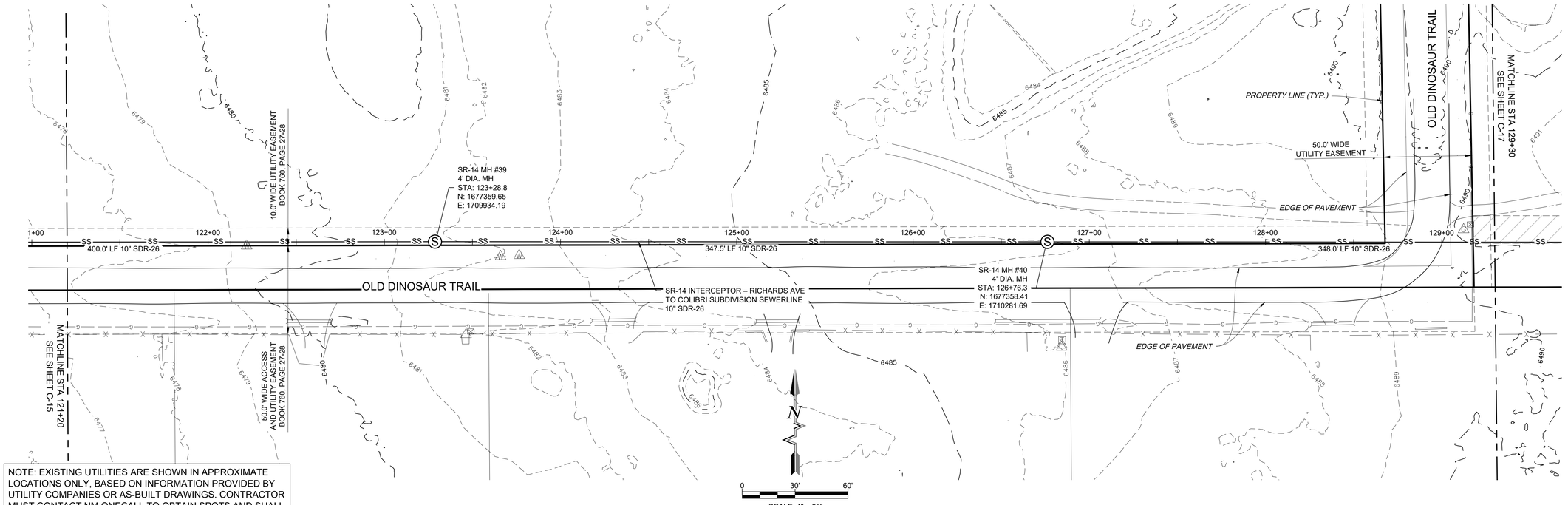
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Project No: 6232636

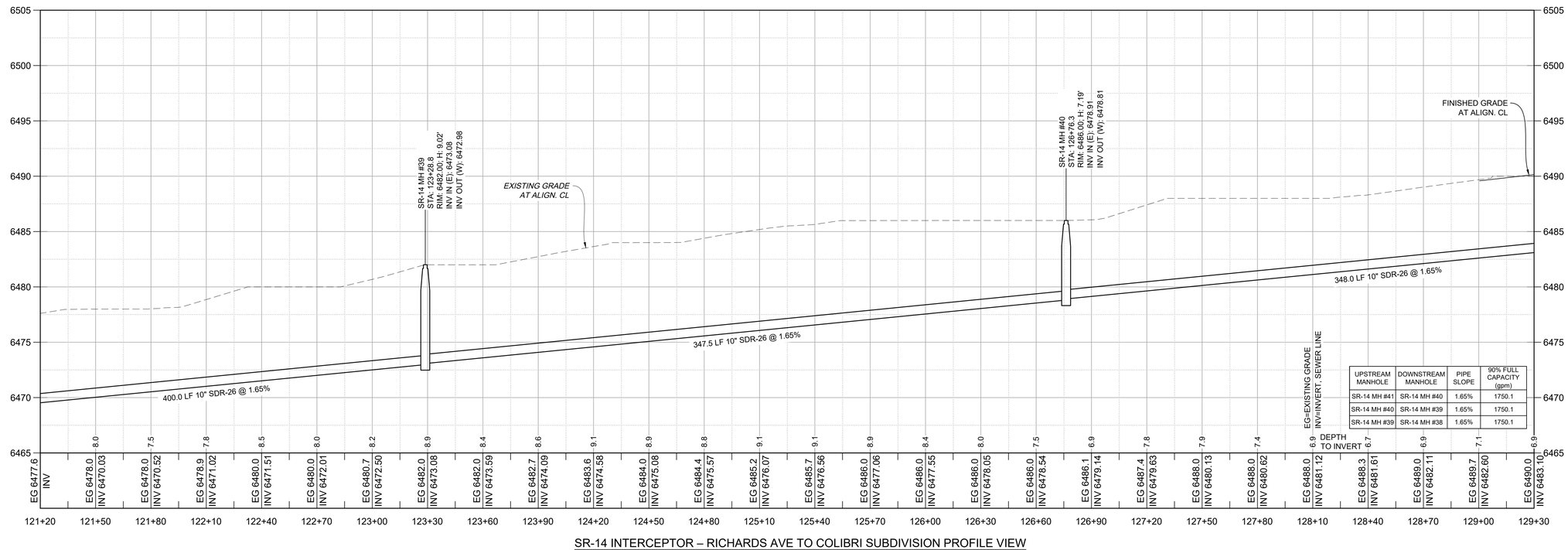
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #41	SR-14 MH #40	1.65%	1750.1
SR-14 MH #40	SR-14 MH #39	1.65%	1750.1
SR-14 MH #39	SR-14 MH #38	1.65%	1750.1

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SR-14 INTERCEPTOR SEWER P&P
STA 121+20 TO 129+30

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

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KPC	AAV	JAC

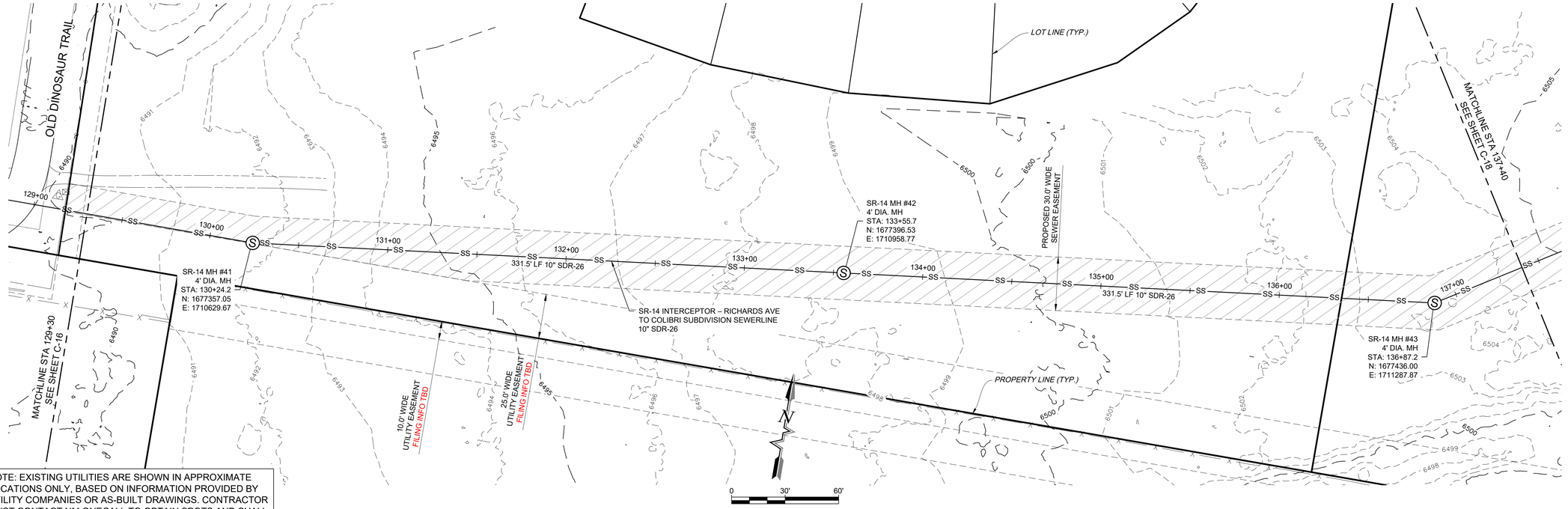
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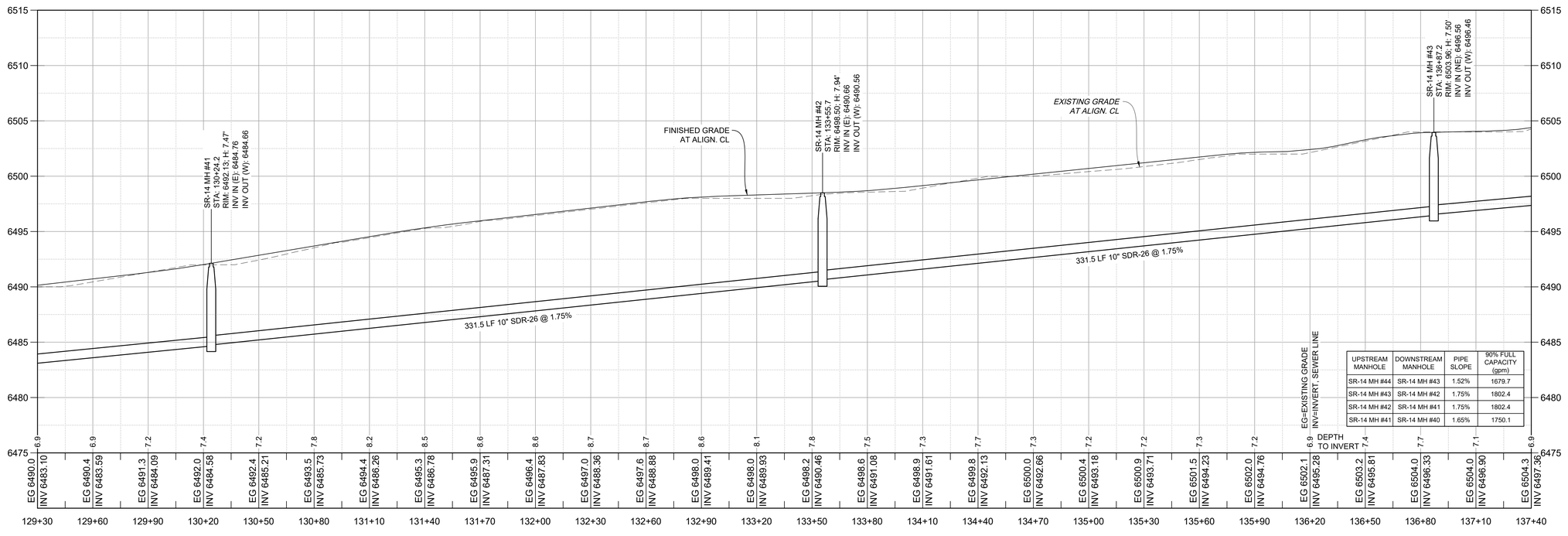
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #44	SR-14 MH #43	1.52%	1679.7
SR-14 MH #43	SR-14 MH #42	1.75%	1802.4
SR-14 MH #42	SR-14 MH #41	1.75%	1802.4
SR-14 MH #41	SR-14 MH #40	1.65%	1750.1

	EG	INV	DEPTH
129+30	6490.0	6483.10	6.9
129+60	6490.4	6483.59	6.9
129+90	6491.3	6484.09	7.2
130+20	6492.0	6484.58	7.4
130+50	6492.4	6485.21	7.2
130+80	6493.5	6485.73	7.8
131+10	6494.4	6486.26	8.2
131+40	6495.3	6486.78	8.5
131+70	6495.9	6487.31	8.6
132+00	6496.4	6487.83	8.6
132+30	6497.0	6488.36	8.7
132+60	6497.6	6488.88	8.7
132+90	6498.0	6489.41	8.6
133+20	6498.0	6489.93	8.1
133+50	6498.2	6490.46	7.8
133+80	6498.6	6491.08	7.5
134+10	6498.9	6491.61	7.3
134+40	6499.8	6492.13	7.7
134+70	6500.0	6492.66	7.3
135+00	6500.4	6493.18	7.2
135+30	6500.9	6493.71	7.2
135+60	6501.5	6494.23	7.3
135+90	6502.0	6494.76	7.2
136+20	6502.1	6495.28	6.9
136+50	6503.2	6495.81	7.4
136+80	6504.0	6496.33	7.7
137+10	6504.0	6496.90	7.1
137+40	6504.3	6497.36	6.9

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SR-14 INTERCEPTOR SEWER P&P
STA 129+30 TO 137+40

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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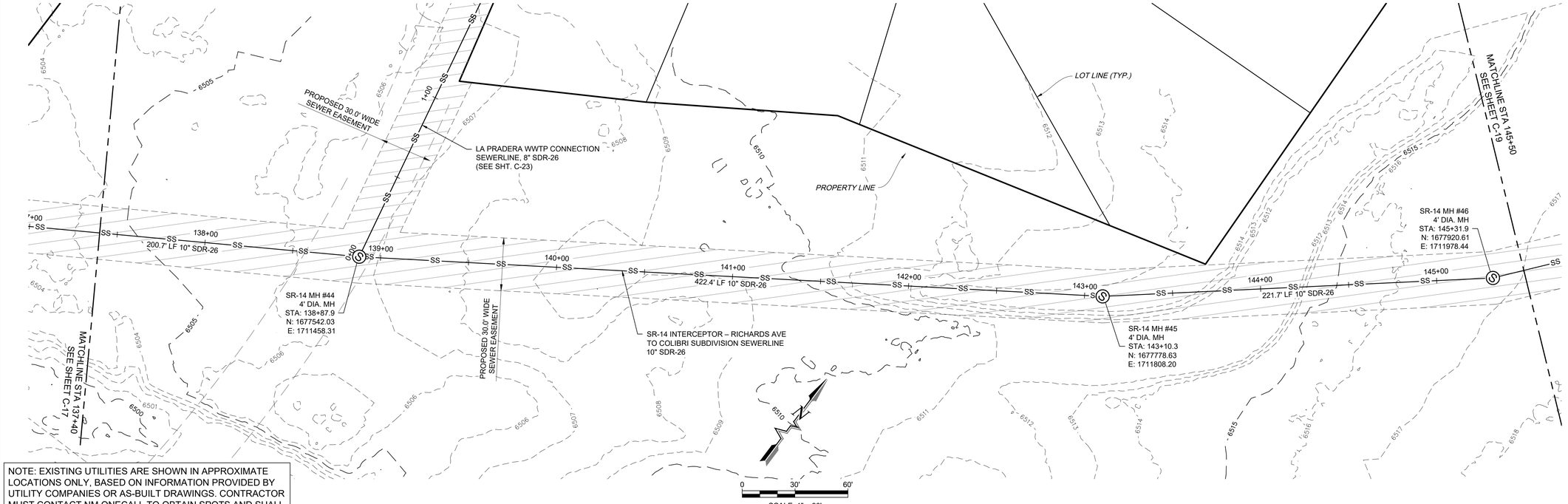
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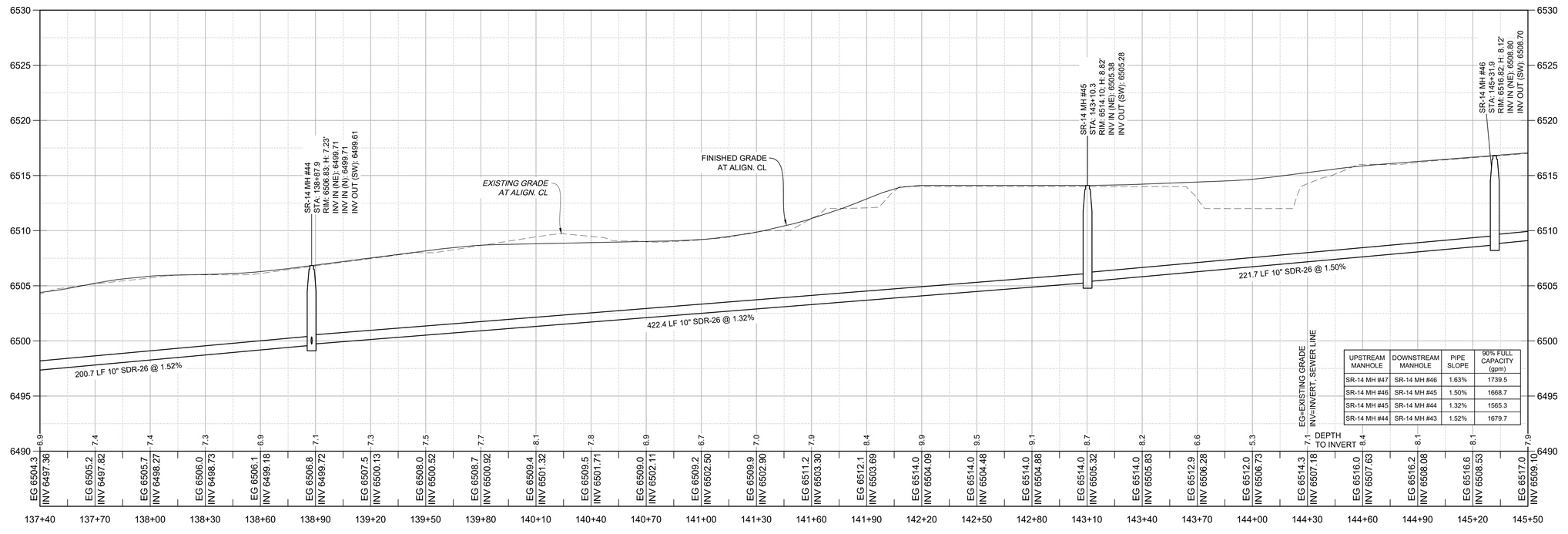
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE

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UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #47	SR-14 MH #46	1.63%	1739.5
SR-14 MH #46	SR-14 MH #45	1.50%	1668.7
SR-14 MH #45	SR-14 MH #44	1.32%	1565.3
SR-14 MH #44	SR-14 MH #43	1.52%	1679.7

STATION	EG	INV
137+40	6504.3	6497.36
137+70	6505.2	6497.82
138+00	6505.7	6498.27
138+30	6506.0	6498.73
138+60	6506.1	6499.18
138+90	6506.8	6499.72
139+20	6507.5	6500.13
139+50	6508.0	6500.52
139+80	6508.7	6500.92
140+10	6509.4	6501.32
140+40	6509.5	6501.71
140+70	6509.0	6502.11
141+00	6509.2	6502.50
141+30	6509.9	6502.90
141+60	6511.2	6503.30
141+90	6512.1	6503.69
142+20	6514.0	6504.09
142+50	6514.0	6504.48
142+80	6514.0	6504.88
143+10	6514.0	6505.32
143+40	6514.0	6505.83
143+70	6512.9	6506.28
144+00	6512.0	6506.73
144+30	6514.3	6507.18
144+60	6516.0	6507.63
144+90	6516.2	6508.08
145+20	6516.6	6508.53
145+50	6517.0	6509.10

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 137+40 TO 145+50

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11/26/2025

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KPC	AAV	JAC

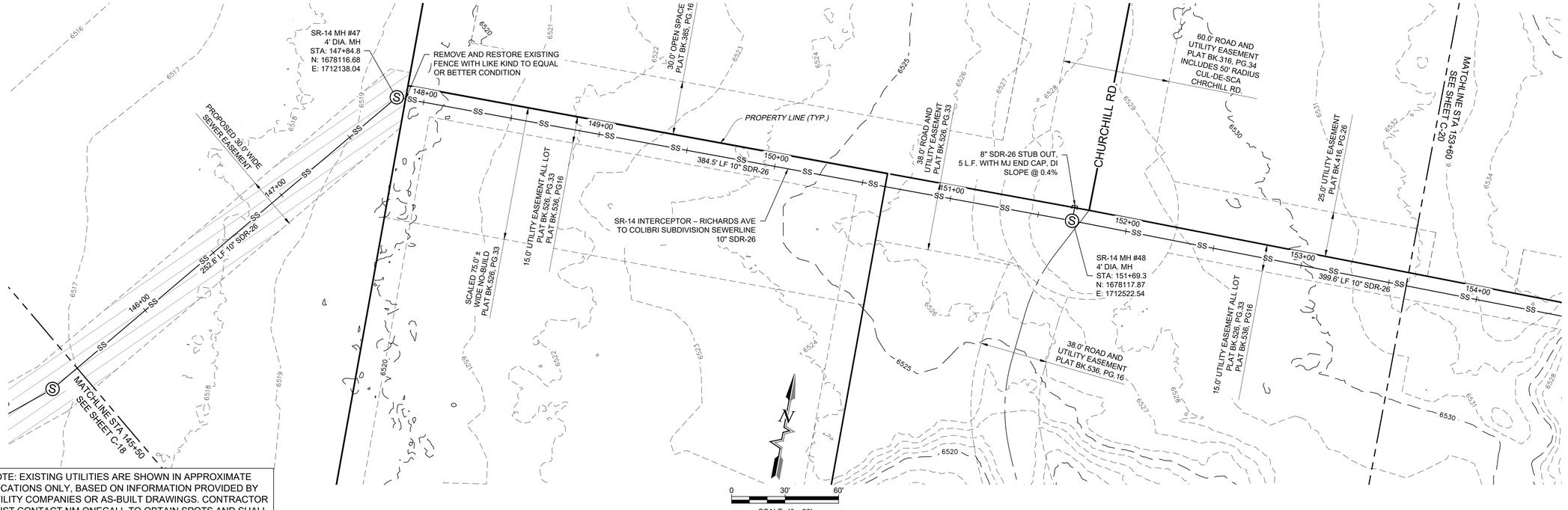
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Project No: 6232636

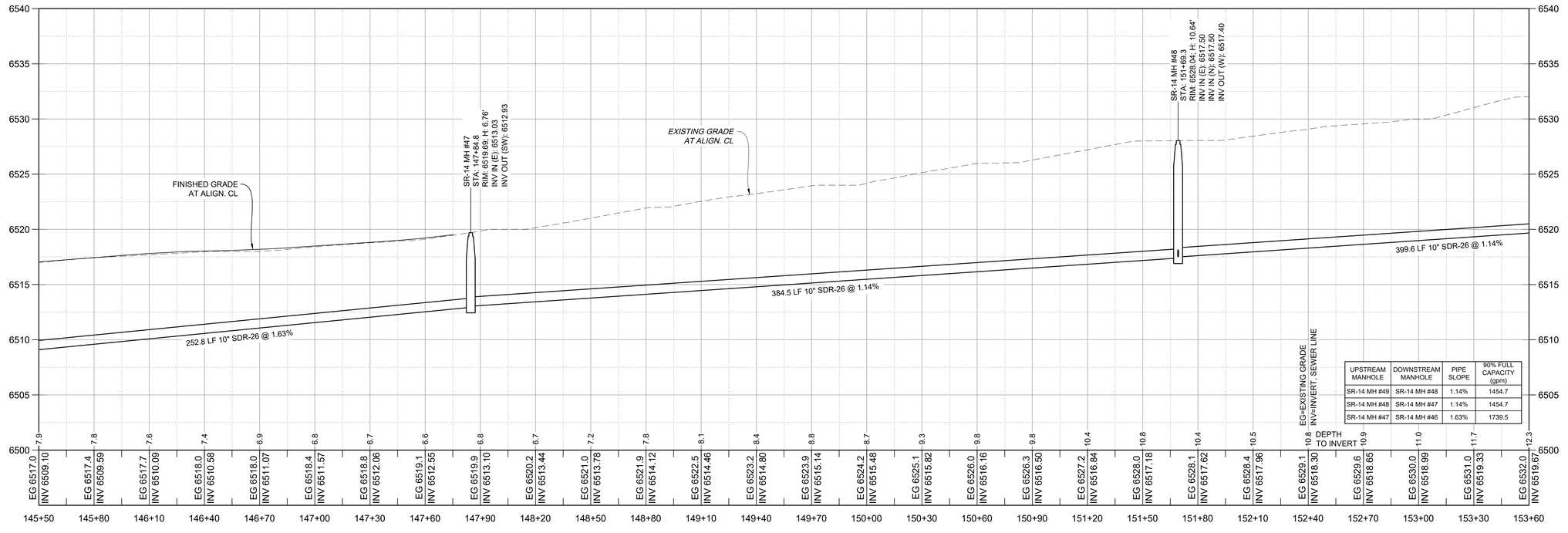
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #49	SR-14 MH #48	1.14%	1454.7
SR-14 MH #48	SR-14 MH #47	1.14%	1454.7
SR-14 MH #47	SR-14 MH #46	1.63%	1739.5

STA	EG	INV	DEPTH TO INVERT
145+50	6517.0	6509.10	7.9
145+80	6517.4	6509.59	7.8
146+10	6517.7	6510.09	7.6
146+40	6518.0	6510.58	7.4
146+70	6518.0	6511.07	6.9
147+00	6518.4	6511.57	6.8
147+30	6518.8	6512.06	6.7
147+60	6519.1	6512.55	6.6
147+90	6519.9	6513.10	6.8
148+20	6520.2	6513.44	6.7
148+50	6521.0	6513.78	7.2
148+80	6521.9	6514.12	7.8
149+10	6522.5	6514.46	8.1
149+40	6523.2	6514.80	8.4
149+70	6523.9	6515.14	8.8
150+00	6524.2	6515.48	8.7
150+30	6525.1	6515.82	9.3
150+60	6526.0	6516.16	9.8
150+90	6526.3	6516.50	9.8
151+20	6527.2	6516.84	10.4
151+50	6528.0	6517.18	10.8
151+80	6528.1	6517.62	10.4
152+10	6528.4	6517.96	10.5
152+40	6529.1	6518.30	10.8
152+70	6529.6	6518.65	10.9
153+00	6530.0	6518.99	11.0
153+30	6531.0	6519.33	11.7
153+60	6532.0	6519.67	12.3

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SR-14 INTERCEPTOR SEWER P&P
STA 145+50 TO 153+60

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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KPC	AAV	JAC

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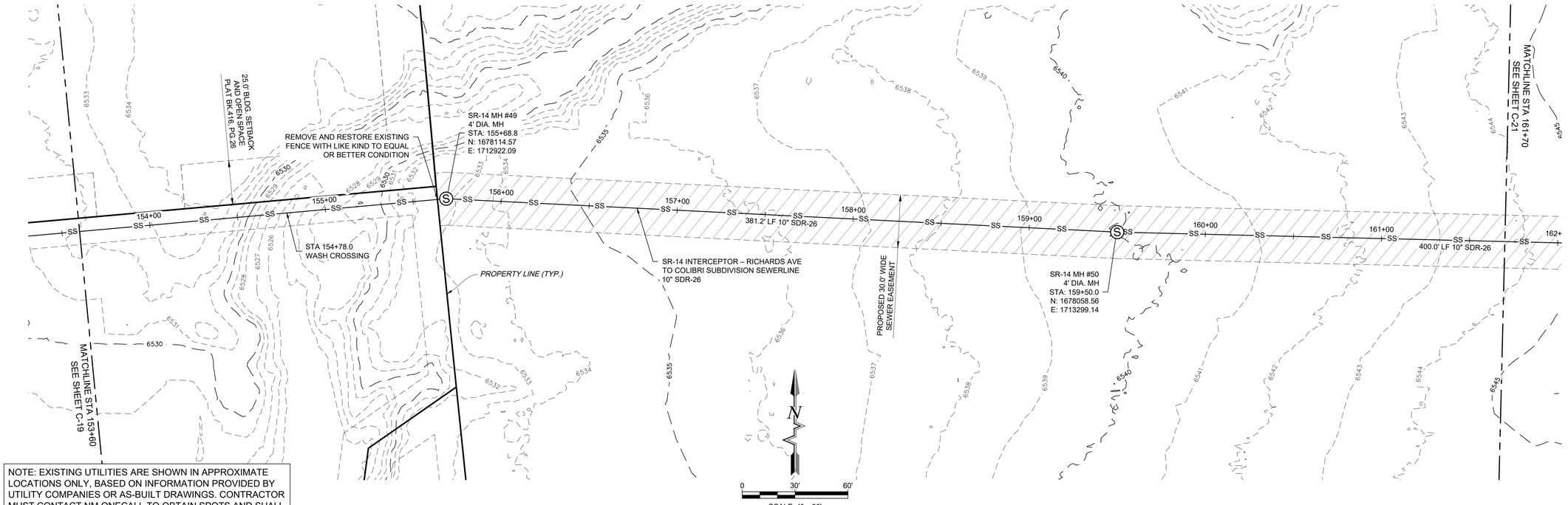
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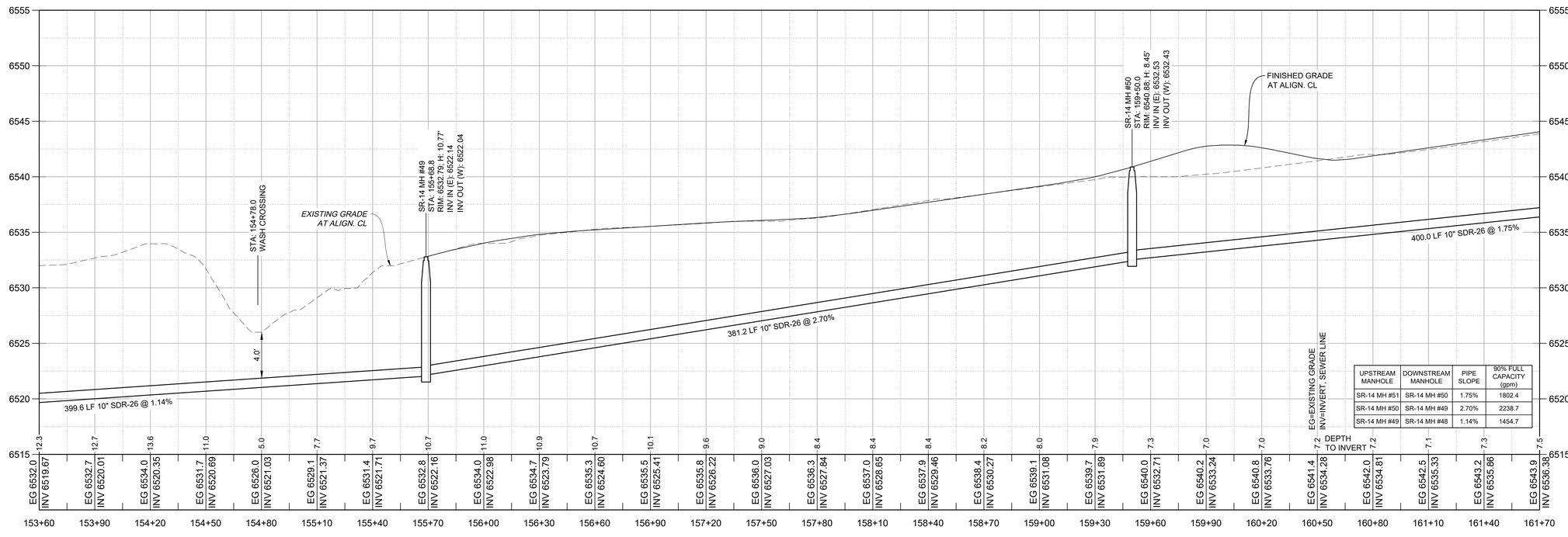
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #51	SR-14 MH #50	1.75%	1802.4
SR-14 MH #50	SR-14 MH #49	2.70%	2238.7
SR-14 MH #49	SR-14 MH #48	1.14%	1454.7

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 153+60 TO 161+70

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER — 11/26/2025

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Designed	Drawn	Checked
KPC	AAV	JAC

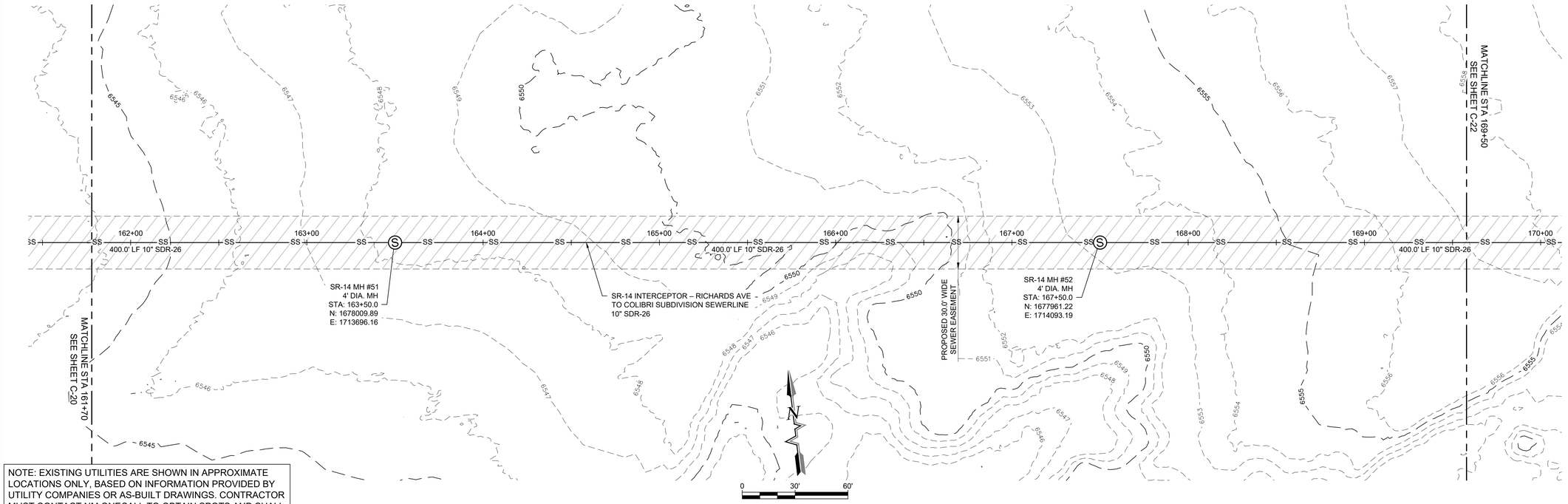
Date: November 2025

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Vert: 1" = 5'

Project No: 6232636

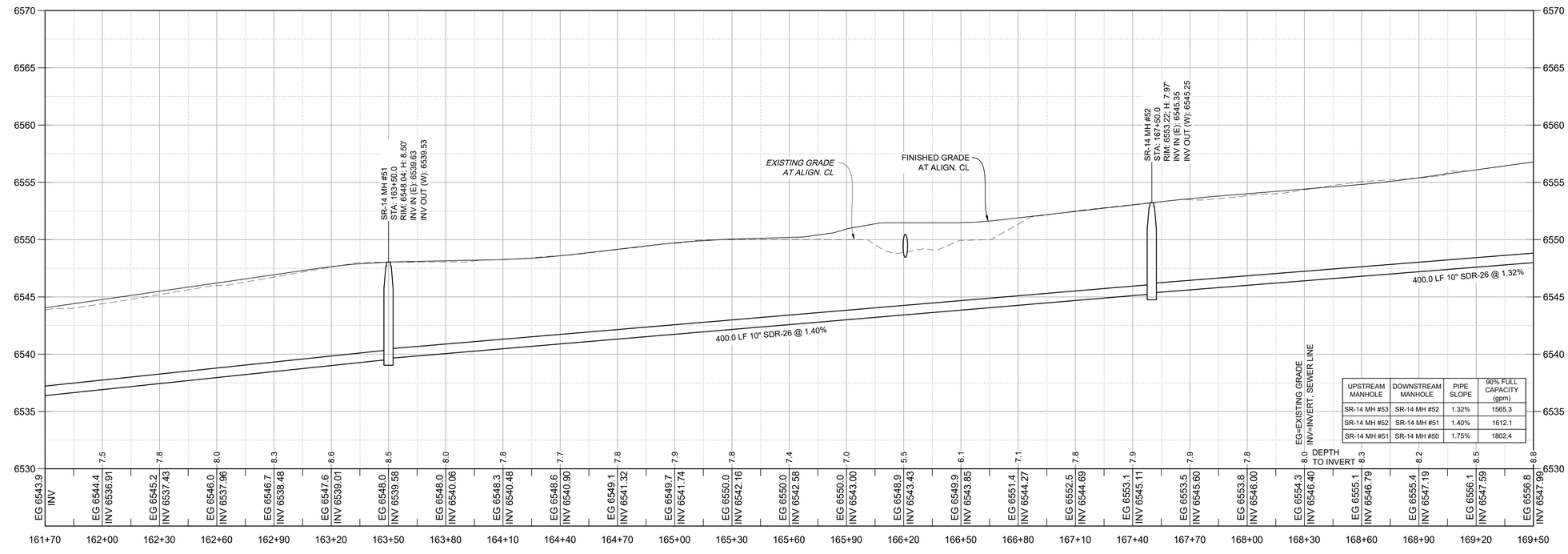
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SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PLAN VIEW
10" SEWERLINE



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #53	SR-14 MH #52	1.32%	1565.3
SR-14 MH #52	SR-14 MH #51	1.40%	1612.1
SR-14 MH #51	SR-14 MH #50	1.75%	1802.4

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR SEWER P&P
STA 161+70 TO 169+50

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/26/2025

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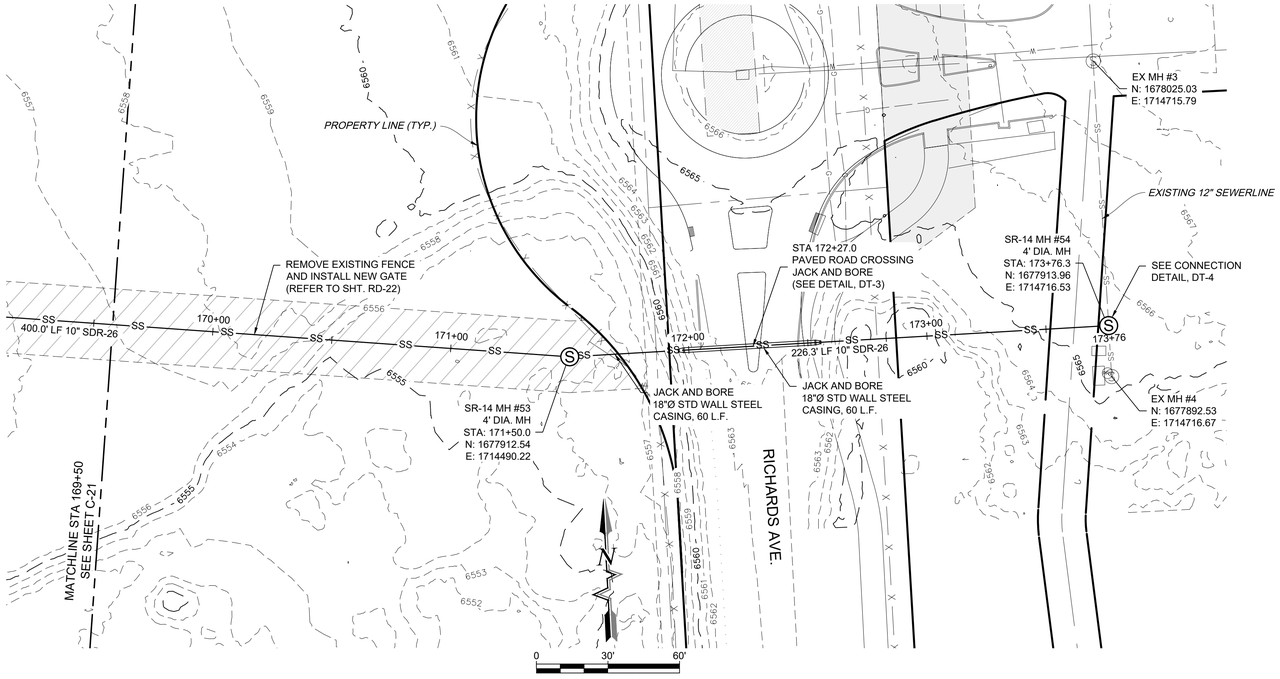
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Project No: 6232636

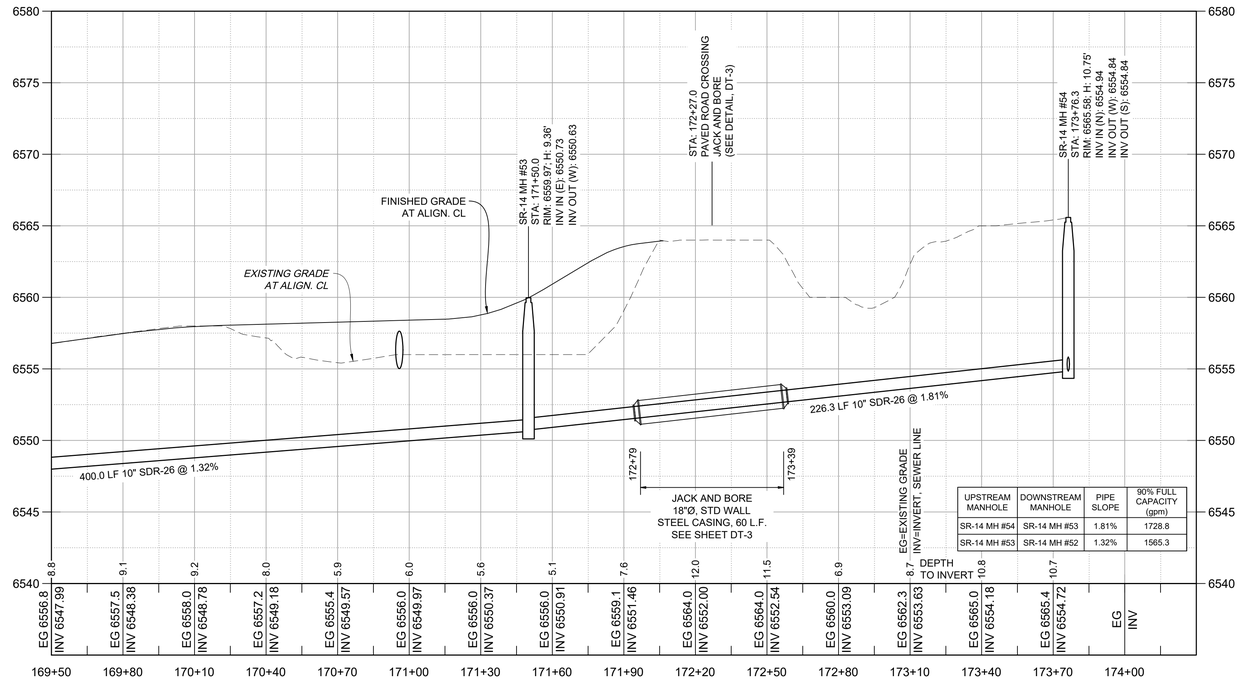
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10" SEWERLINE

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UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
SR-14 MH #54	SR-14 MH #53	1.81%	1728.8
SR-14 MH #53	SR-14 MH #52	1.32%	1565.3

SR-14 INTERCEPTOR – RICHARDS AVE TO COLIBRI SUBDIVISION PROFILE VIEW
10" SEWERLINE

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STA 169+50 TO 173+76

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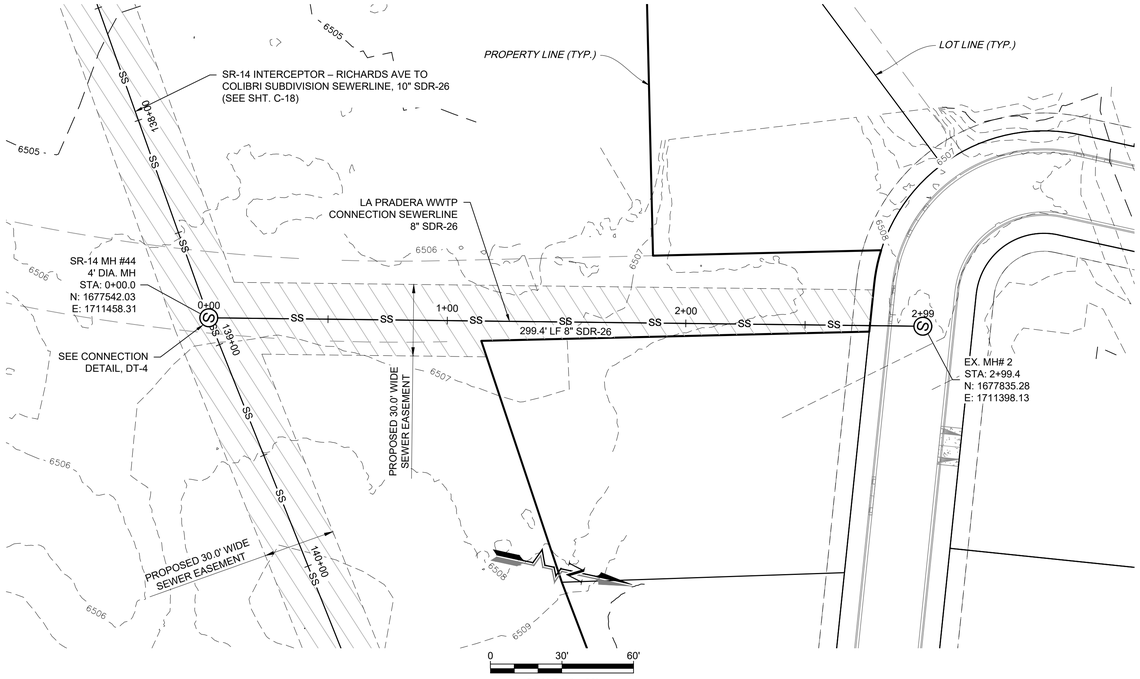
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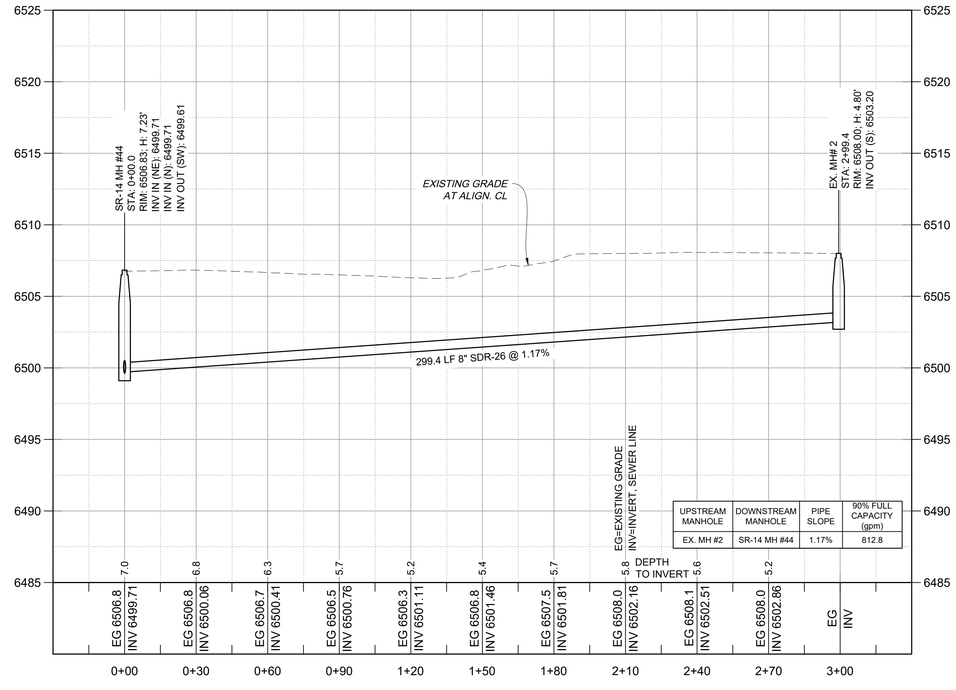
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LA PRADERA WWTP CONNECTION LINE PLAN VIEW
8" SEWERLINE

NOTE: EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY, BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES OR AS-BUILT DRAWINGS. CONTRACTOR MUST CONTACT NM ONECALL TO OBTAIN SPOTS AND SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS IN THE FIELD. SEE GENERAL NOTES FOR FURTHER INFORMATION.



UPSTREAM MANHOLE	DOWNSTREAM MANHOLE	PIPE SLOPE	90% FULL CAPACITY (gpm)
EX. MH #2	SR-14 MH #44	1.17%	812.8

LA PRADERA WWTP CONNECTION LINE PROFILE VIEW
8" SEWERLINE

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
LA PRADERA WWTP CONNECTION LINE
SEWER PLAN AND PROFILE

KEATON P. CHANCELLOR — NEW MEXICO — 24899 — PROFESSIONAL ENGINEER
11/26/2025

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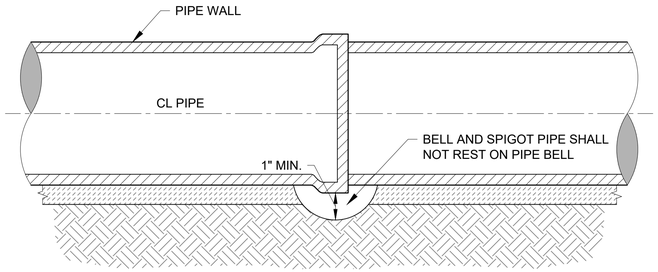
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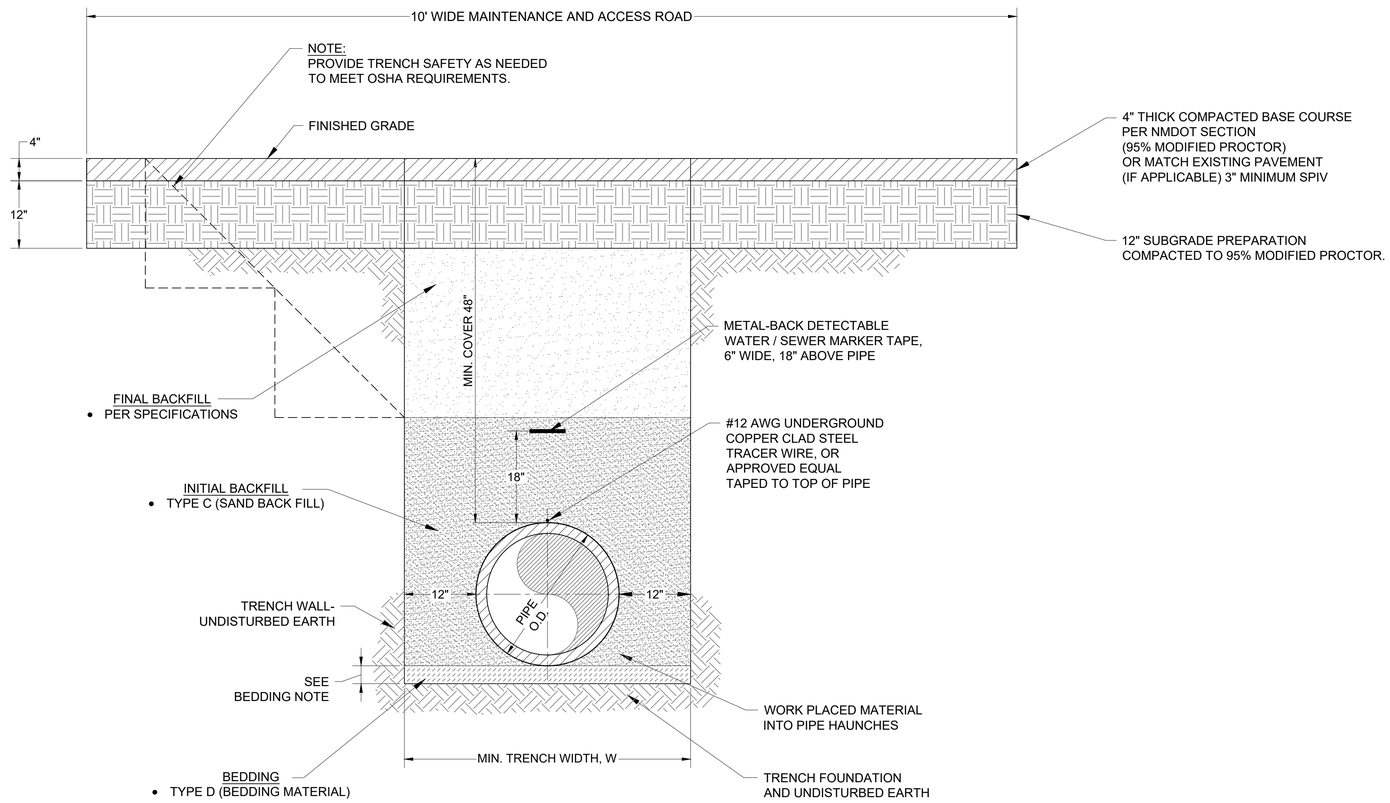
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1 DT-1 TYPICAL BELL HOLE DETAIL
NOT TO SCALE

NOTES:

1. SOIL CEMENT SLURRY MAY BE USED IN LIEU OF BEDDING MATERIAL AT CONTRACTOR'S OPTION AND EXPENSE.
2. MINIMUM CLEARANCES BETWEEN PIPE AND TRENCH WALL MUST BE MET PRIOR TO PLACING EMBEDMENT (WHETHER COMPACTED SELECT MATERIAL OR SOIL CEMENT SLURRY). INCREASE CLEARANCES AND/OR TRENCH WIDTH AS NEEDED TO ALLOW FOR COMPACTION AND/OR TO ENSURE ADEQUATE SOIL CEMENT SLURRY LAYER THICKNESS IN HAUNCH AREAS AND PIPE SPRING LINE. DO NOT ALLOW PIPE TO REST AGAINST TRENCH WALL.
3. ROUNDED TRENCH BOTTOMS MAY BE USED IN CONJUNCTION WITH SOIL CEMENT SLURRY, PROVIDED THE THICKNESS OF SOIL CEMENT AROUND THE PIPE IS AT NO POINT LESS THAN 3".



MIN. TRENCH WIDTH, W

• USING COMPACTED SELECT MATERIAL: O.D.+24" MIN., OR GREATER TO ALLOW PROPER COMPACTION IN HAUNCH AREA

2 DT-1 TYPICAL TRENCH DETAIL
NOT TO SCALE

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
TRENCH DETAILS

KEATON P. CHANCELLOR
NEW MEXICO
24899
PROFESSIONAL ENGINEER
11/29/2025

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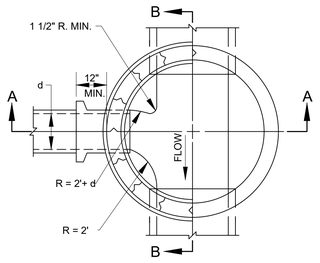
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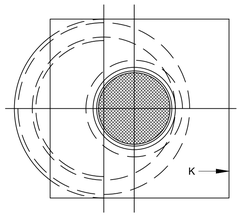
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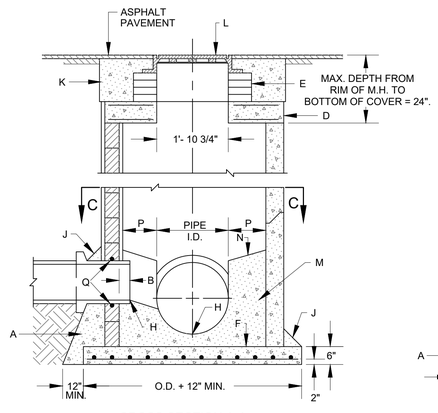
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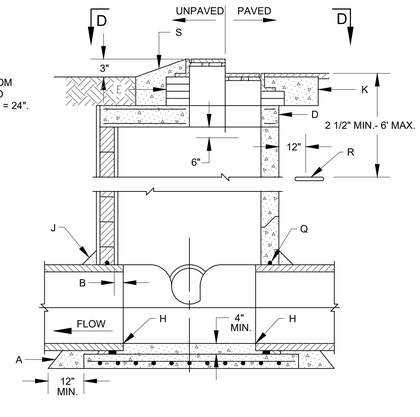
PLAN AT C-C



PLAN AT D-D



CROSS SECTION A-A



CROSS SECTION B-B

GENERAL NOTES:

1. USE TYPE C M.H. FOR DEPTHS OF LESS THAN 6' MEASURED FROM INV. TO RIM.
2. CONTRACTOR HAS OPTION TO CONSTRUCT TYPE C M.H. IN LIEU OF TYPE E M.H. FOR DEPTHS OF 6' OR MORE.
3. DESIGN APPLIES TO 4' & 6' I.D. MANHOLES.
4. M.H. GREATER THAN 18' IN DEPTH SHALL ONLY BE CONSTRUCTION PRECAST CONCRETE SECTIONS.
5. USE NON-SHRINK GROUT FOR JOINTS, FILLETS AND PENETRATIONS.
6. COMPACT ALL BACKFILL AROUND MANHOLE TO 95%.
7. POSITION M.H. OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.

CONSTRUCTION NOTES:

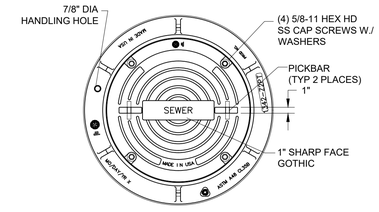
A. CONCRETE PIPE SUPPORTS SHALL EXTEND OUTSIDE OF M.H. TO BELL OF FIRST JOINT & SHALL CRADLE PIPE TO SPRING LINE. NOT APPLICABLE FLEXIBLE PIPE.
B. PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAX., MEASURED AT SPRINGLINE OF PIPE.
D. PRECAST CONCRETE COVER, SEE DWG. 2107.
E. USE MAX. 4 COURSES GR. MS BRICK ON UNPAVED STREET FOR FUTURE ADJ. OF M.H. FRAME TO PAVEMENT GRADE. PLASTER INSIDE WITH 1/2" MORTAR.
F. CONCRETE BASE TO BE POURED IN PLACE USING NO. 4 BARS AT 6" O.C. EA. WAY FOR M.H. DEPTH OF 16' OR GREATER. NO. 4 BARS AT 12" O.C. EA. WAY FOR M.H. LESS THAN 16' IN DEPTH.
H. INV. ELEV. OF STUB OR LATERAL AS SHOWN ON PLANS.
J. 6" GROUT FILLET ON UPPER HALF OF PIPE AND AROUND BASE.
K. USE A 5' X 5' X 9" MIN. CONCRETE PAD IN ALL AREAS.
L. FRAME AND COVER, SEE DWG. 2110.
M. CONCRETE FILL, 4000 PSI.
N. SLOPE 1" PER FT. FROM PIPE CROWN.
P. SHELF TO BE 9" WIDE MIN.
Q. APPROVED WATERSTOP TO BE COMPATIBLE WITH TYPE OF PIPE.
R. EMD (IN UNPAVED AREAS).
S. IN UNPAVED AREAS SET FRAME TO GRADE AND SLOPE TOP OF PAD.

NOTES:

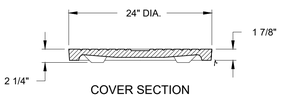
1. CONCRETE AND REINFORCEMENT TO BE IN ACCORDANCE WITH ASTM C478, THE LATEST EDITION.
2. DETAILED SHOP DRAWINGS TO BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO ORDERING.

MANHOLE TYPE "C"

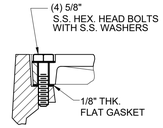
1 DT-2 CONCRETE MANHOLE DETAILS
NOT TO SCALE



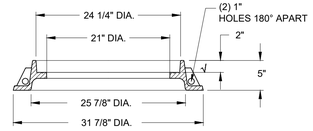
PLAN VIEW



COVER SECTION

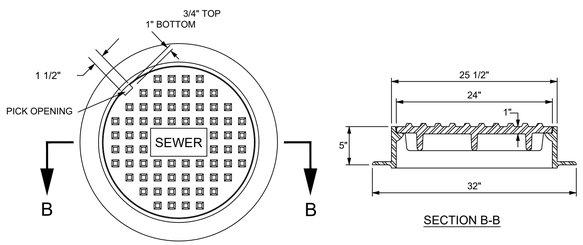


WATERTIGHT DETAIL



FRAME SECTION

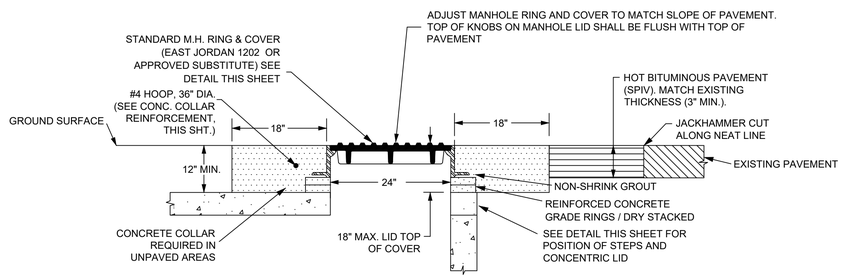
2 DT-2 WATER TIGHT MANHOLE LID AND FRAME DETAIL
NOT TO SCALE



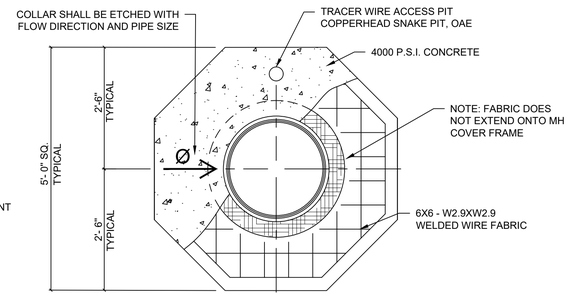
SECTION B-B

NOTES
ALL MANHOLES FRAMES AND COVERS SHALL BE TRAFFIC RATED FOR H-20 LOADING AND SHALL BE EAST JORDAN MODEL 1202 OR APPROVED EQUAL. INSCRIBE DIRECTION ARROWS AND SEWER MAIN SIZE ON MANHOLE COLLAR

3 DT-2 MANHOLE LID DETAIL
NOT TO SCALE



4 DT-2 MANHOLE CONE DETAIL
NOT TO SCALE



5 DT-2 MANHOLE COLLAR DETAIL
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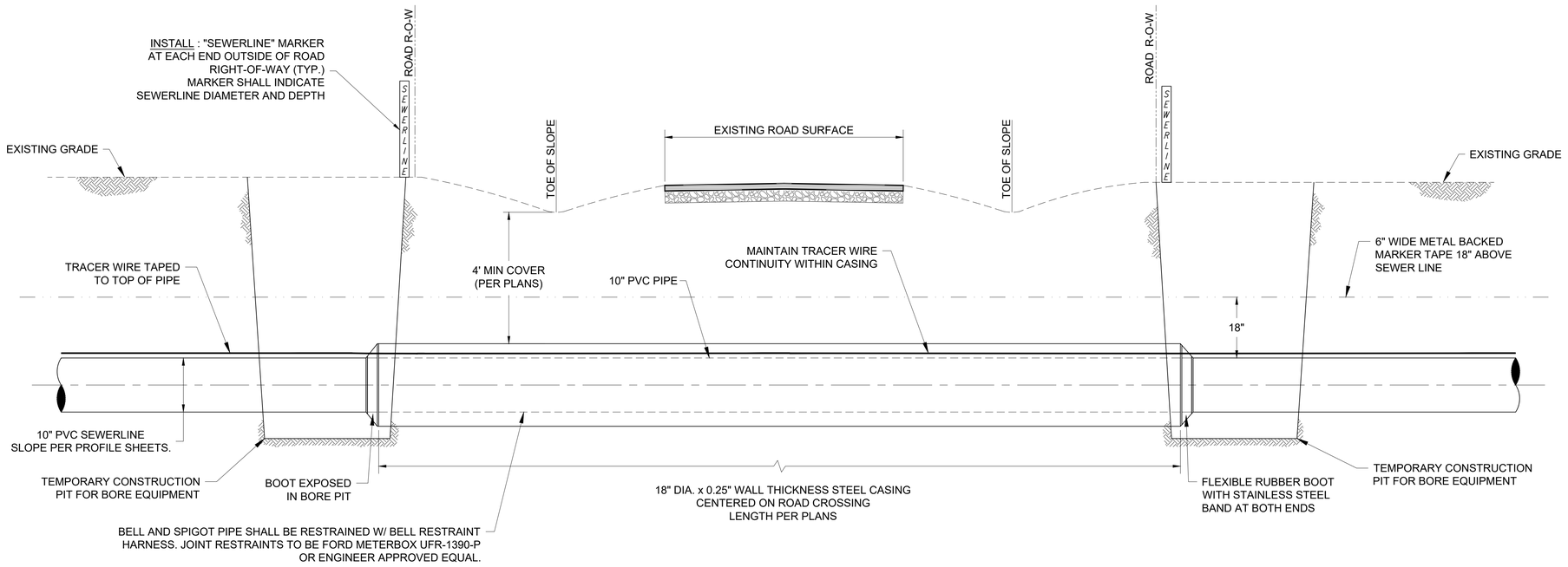
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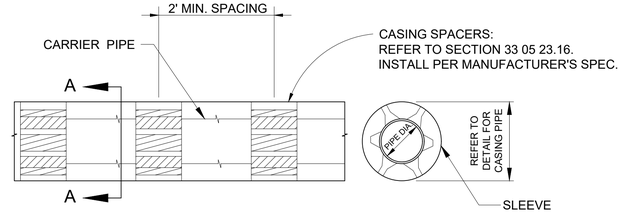
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Sheet: DT-2



1 / DT-3 JACK AND BORE ROAD CROSSING
NOT TO SCALE

CONSTRUCTION NOTES:

1. EXCAVATIONS OUTSIDE THE ROADWAY FORESLOPES SHALL BE COMPACTED AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. EXCAVATION WITHIN THE TOE OF THE FORE SLOPES SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY (ASTM D698).
2. TRACER WIRE CONTINUITY SHALL BE MAINTAINED ACROSS THE ROAD CROSSING.
3. ALL CARRIER PIPE JOINTS SHALL BE RESTRAINED WITHIN CASING.



2 / DT-3 PIPE CASING DETAIL
NOT TO SCALE

SECTION A-A

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SANTA FE, NEW MEXICO
JACK AND BORE ROAD CROSSING DETAIL

KEATON P. CHANCELLOR NEW MEXICO 24899 PROFESSIONAL ENGINEER 11/26/2025

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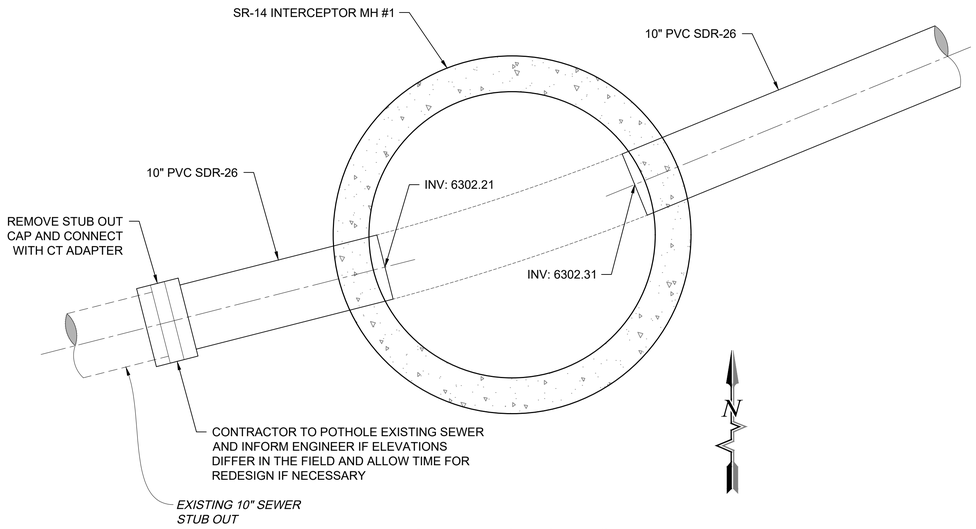
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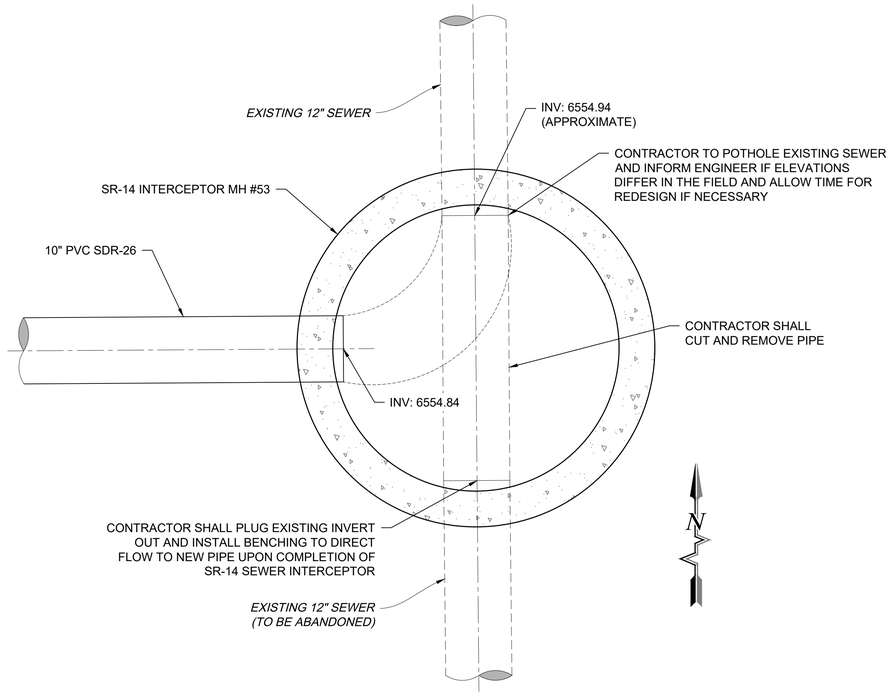
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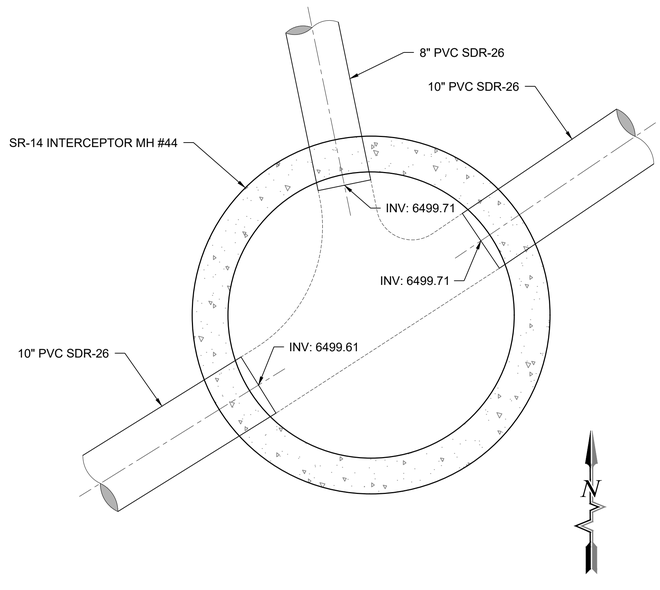
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SR-14 INTERCEPTOR MH #1
1 / DT-4 STA 0+68 CONNECTION DETAIL (SEE SHT. C-1)
1" = 1'



SR-14 INTERCEPTOR MH #54
3 / DT-4 STA 173+76 CONNECTION DETAIL (SEE SHT. C-22)
1" = 1'



SR-14 INTERCEPTOR MH #44
2 / DT-4 STA 138+80 CONNECTION DETAIL (SEE SHT. C-18)
1" = 1'

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR SANTA FE, NEW MEXICO SEWER CONNECTION DETAILS

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SANTA FE COUNTY UTILITIES

STANDARD DETAIL

MANHOLE COVER

DATE: 12/2020

Rev #	Date	Description	By	Chk'd

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SANTA FE COUNTY SR-14 SEWER INTERCEPTOR
SANTA FE, NEW MEXICO
SANTA FE COUNTY STANDARD DETAIL

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Designed	Drawn	Checked
KPC	AAV	JAC

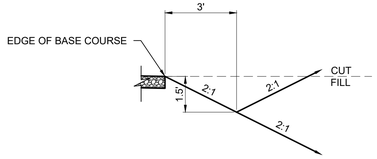
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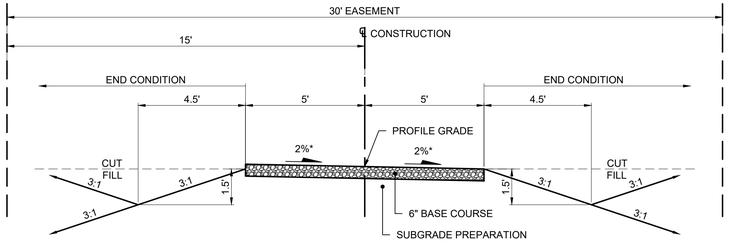
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Sheet: DT-5

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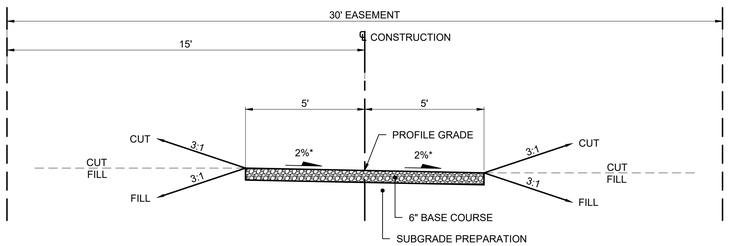


SPECIAL END CONDITION DETAIL
STA. 219+79.40 TO STA. 221+85.00 LT. & RT.



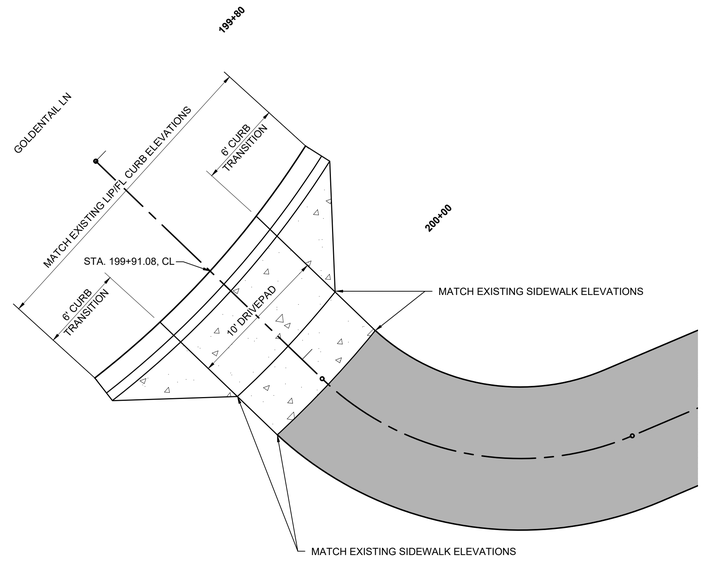
TYPICAL SECTION B
SCALE: 1"=3'
STA. 202+76.00 TO STA. 206+50.00
STA. 208+12.00 TO STA. 216+00.00
STA. 219+79.40 TO STA. 221+85.00
STA. 228+00.00 TO STA. 229+44.05
STA. 230+50.75 TO STA. 233+10.00
STA. 235+00.00 TO STA. 238+00.00
STA. 249+06.50 TO STA. 260+00.00
STA. 261+50.00 TO STA. 265+00.00
STA. 266+50.00 TO STA. 272+00.00
STA. 278+95.00 TO STA. 290+97.00
STA. 291+89.00 TO STA. 297+00.00
STA. 345+50.00 TO STA. 348+67.42
STA. 360+78.22 TO STA. 372+98.55

* SEE ACCESS ROAD PLAN & PROFILE SHEET FOR ROADWAY CROSS SLOPE



TYPICAL SECTION A
SCALE: 1"=3'
STA. 200+02.52 TO STA. 202+76.00
STA. 206+50.00 TO STA. 208+12.00
STA. 216+00.00 TO STA. 219+79.40**
STA. 221+85.00 TO STA. 228+00.00
STA. 233+10.00 TO STA. 235+00.00
STA. 238+00.00 TO STA. 238+96.95
STA. 239+49.20 TO STA. 249+06.50
STA. 260+00.00 TO STA. 261+50.00
STA. 265+00.00 TO STA. 266+50.00
STA. 272+00.00 TO STA. 278+95.00
STA. 290+97.00 TO STA. 291+89.00
STA. 297+00.00 TO STA. 303+48.94
STA. 329+92.88 TO STA. 345+50.00
STA. 356+60.99 TO STA. 360+78.22

* SEE ACCESS ROAD PLAN & PROFILE SHEET FOR ROADWAY CROSS SLOPE
** USE 2:1 SIDE SLOPES FROM STA. 216+00 TO STA. 219+79.40



DRIVEPAD DETAIL
SCALE: 1"=5'

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

OSHARA OFF-SITE UTILITIES
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR ROAD TYPICAL SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER
11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

Date: November 2025
Scale: Horiz: 1" = 20'
Vert: 1" = 5'
Project No: 9230488
Sheet: RD-1

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OSHARA INTERCEPTOR ROAD EARTHWORK

STATION	TO	STATION	203000 UNCLASSIFIED EXCAVATION	EMBANKMENT	NET VOLUME	EXCESS EXCAVATION	REMARKS
			C.Y.	C.Y.	C.Y.	C.Y.	
SEGMENT 1							
199+91.17	-	229+44.05	727	628	99	99	GOLDENTAIL LN TO RANCHO VIEJO BLVD
SEGMENT 2							
230+76.79	-	303+48.94	1,867	1,138	729	729	RANCHO VIEJO BLVD TO HONDO VISTA RD
SEGMENT 3							
329+92.88	-	348+67.42	209	129	80	80	OLD DINOSAUR TRL TO WEST OF CHURCHILL RD
SEGMENT 4							
356+60.99	-	372+98.55	512	803	(291)	(291)	EAST OF OF CHURCHILL RD TO RICHARDS AVE
		PROJECT TOTAL	3,315	2,698			
		PROJECT USE	**3,400**				

NOTES:

1. NO SEPARATE PAYMENT WILL BE MADE FOR DOUBLE HANDLING OF EXCESS MATERIAL USED AS EMBANKMENT.
2. A POSITIVE NET VOLUME = MATERIAL AVAILABLE ON SITE FOR EMBANKMENT.
3. NEGATIVE NET VOLUME IS DESIGNATED BY PARENTHESIS ( ).
4. EARTHWORK VOLUMES SHOWN ARE BASED ON A CLEARED AND GRUBBED SURFACE 10' WIDE AND 6" DEEP.

ESTIMATED STRUCTURE QUANTITIES

ID	STATION	STRUCTURE DESCRIPTION	SKEW	515000 REINFORCED CONCRETE FOR MINOR STRUCTURES C.Y.	570018 18" CULVERT PIPE L.F.	570019 18" CULVERT PIPE END SECTION EACH	570024 24" CULVERT PIPE L.F.	570025 24" CULVERT PIPE END SECTION EACH	570030 30" CULVERT PIPE L.F.	570031 30" CULVERT PIPE END SECTION EACH	602000 RIPRAP CLASS A C.Y.	REMARKS
DS-01	219+79.40	BUILD 1-24"x15.1' CULVERT PIPE W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD RT., 12'Lx8'Wx1'	NORMAL		15.10	2					3.11	
DS-02	220+75.00	BUILD 1-18"x15.0' CULVERT PIPE W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD LT., 12'Lx7'Wx1'	NORMAL		15.00	2					3.11	
DS-03	230+84.87	BUILD 2-18"x14.2' CULVERT PIPES W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD LT., 12'Lx11'Wx1'	NORMAL		28.40	4					4.89	
DS-04	302+60.85	BUILD 1-24"x14.0' CULVERT PIPE W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD RT., 12'Lx8'Wx1'	NORMAL				14.00	2			3.56	
DS-05	303+51.71	CONNECT TO EXISTING 30" CULVERT PIPE BUILD 1-30"x15.5' CULVERT PIPE W/END SECTION RT. BUILD EROSION CONTROL PAD RT., 12'Lx9'Wx1'	29°21'00"LT.FWD.	5.00					17.00	1	4.00	
DS-06 (NOT USED)												
DS-07	360+93.22	BUILD 1-18"x28.5' CULVERT PIPE W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD RT., 12'Lx7'Wx1'	44°59'22"LT.FWD.		28.50	2					3.11	
DS-08	367+13.01	BUILD 1-18"x22.2' CULVERT PIPE W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD RT. , 12'Lx7'Wx1'	30°00'00"LT.FWD.		22.20	2					3.11	
DS-09	371+88.01	BUILD 1-24"x21.8' CULVERT PIPE W/END SECTIONS LT. & RT. BUILD EROSION CONTROL PAD RT., 12'Lx8'Wx1'	30°00'00"LT.FWD.				21.80	2			3.56	
			PROJECT TOTAL	5.00	109.20	12	35.80	4	17.00	1	28.45	
			PROJECT USE	**5**	**110**	**12**	**50**	**4**	**18**	**1**	**30**	

CLASS A SEEDING — ITEM NO. 632000

STATION	TO	STATION	LOCATION	ACRE	REMARKS
199+91.17	-	372+98.55	LT. & RT.	2.51	
			PROJECT TOTAL	2.51	
			PROJECT USE	**3**	

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	BID UNIT	ROADWAY ESTIMATE	ROADWAY FINAL
201000	CLEARING AND GRUBBING	LS		
203000	UNCLASSIFIED EXCAVATION	C.Y.	3,400	
207000	SUBGRADE PREPARATION	S.Y.	15,344	
303160	BASE COURSE 6"	S.Y.	15,344	
515000	REINF.CONCRETE FOR MINOR STRUCTURES	C.Y.	5	
570018	18" CULVERT PIPE	L.F.	110	
570019	18" CULVERT PIPE END SECTION	EACH	12	
570024	24" CULVERT PIPE	L.F.	50	
570025	24" CULVERT PIPE END SECTION	EACH	4	
570030	30" CULVERT PIPE	L.F.	18	
570031	30" CULVERT PIPE END SECTION	EACH	1	
602000	RIPRAP CLASS A	C.Y.	30	
608106	DRIVE PAD 6"	S.Y.	15	
609424	CONCRETE VERTICAL CURB AND GUTTER TYPE B 6" X 24"	L.F.	24	
632000	CLASS A SEEDING	ACRE	3	

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OSHARA OFF-SITE UTILITIES
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR ROAD DETAILS AND QUANTITIES

MATTHEW A. NIGHBERT — NEW MEXICO — 19479 — PROFESSIONAL ENGINEER

11/26/2025

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JTN	SMA	MAN

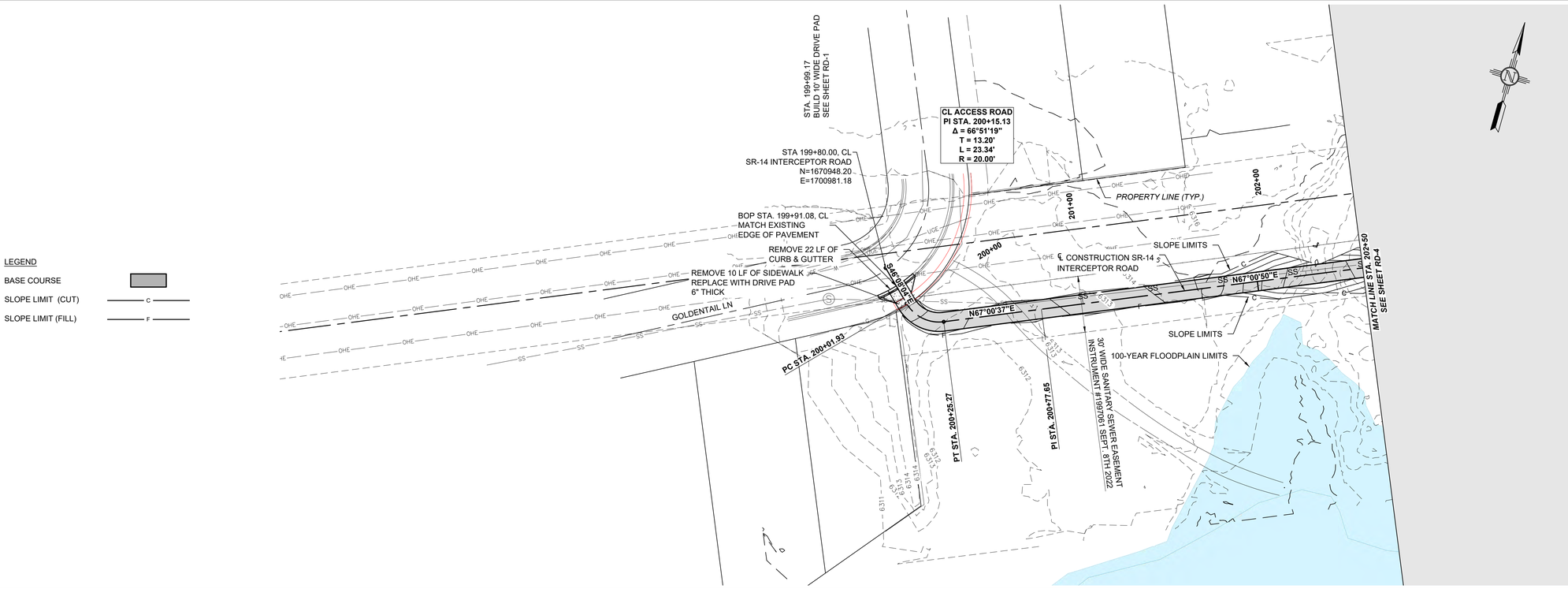
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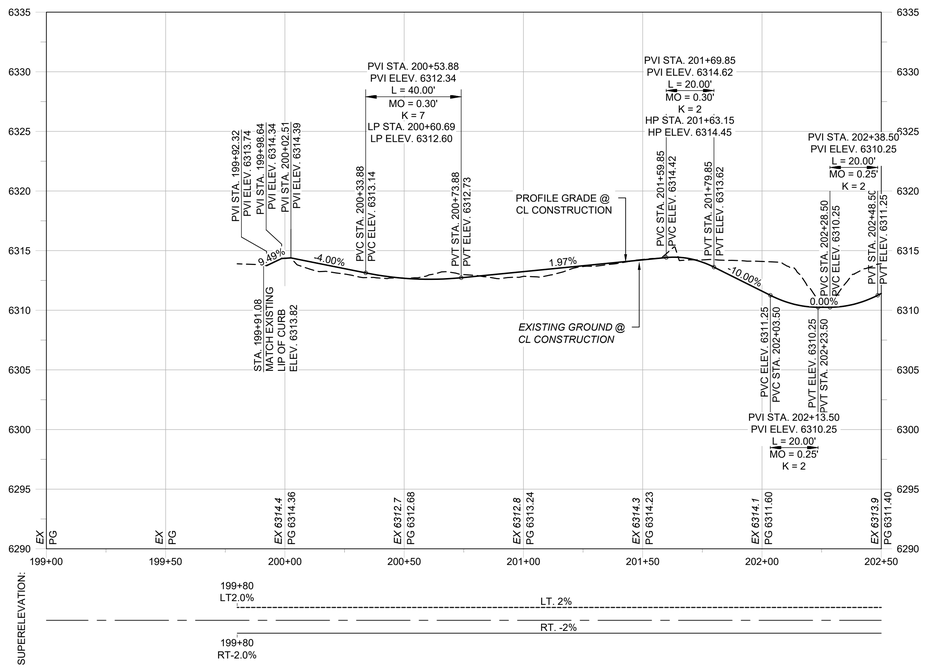
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SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR ROAD
PLAN & PROFILE

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER
11/26/2025

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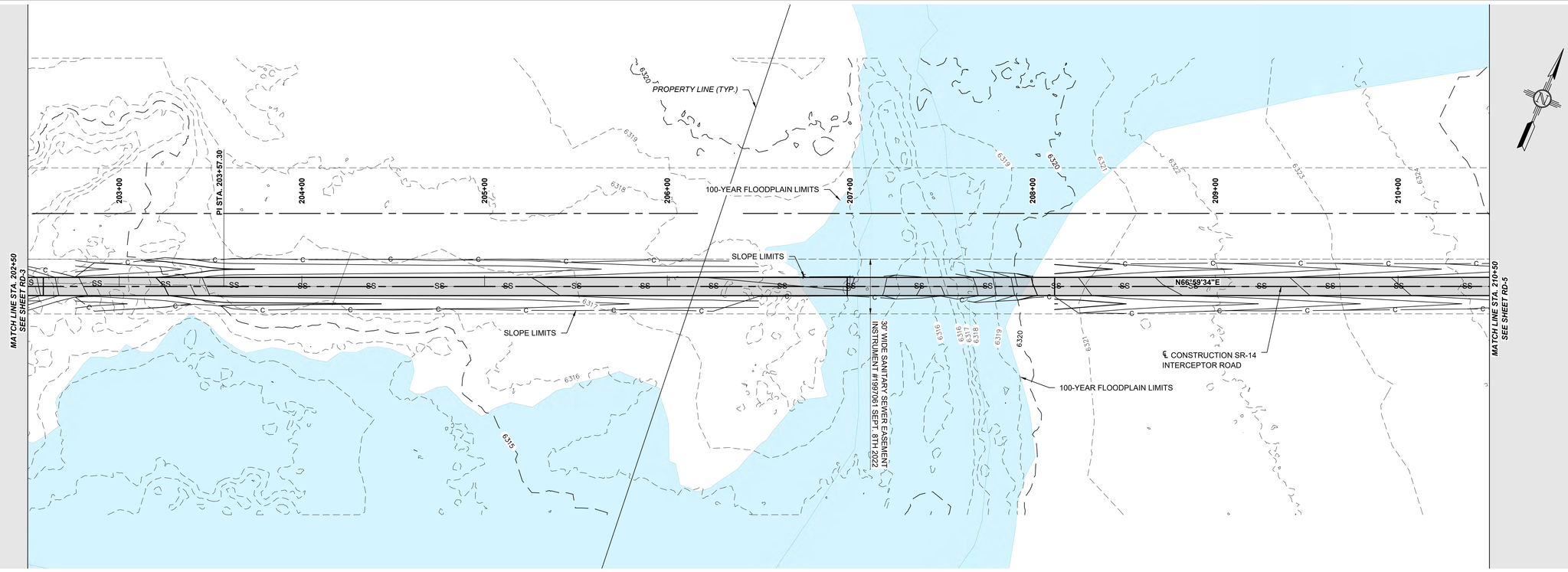
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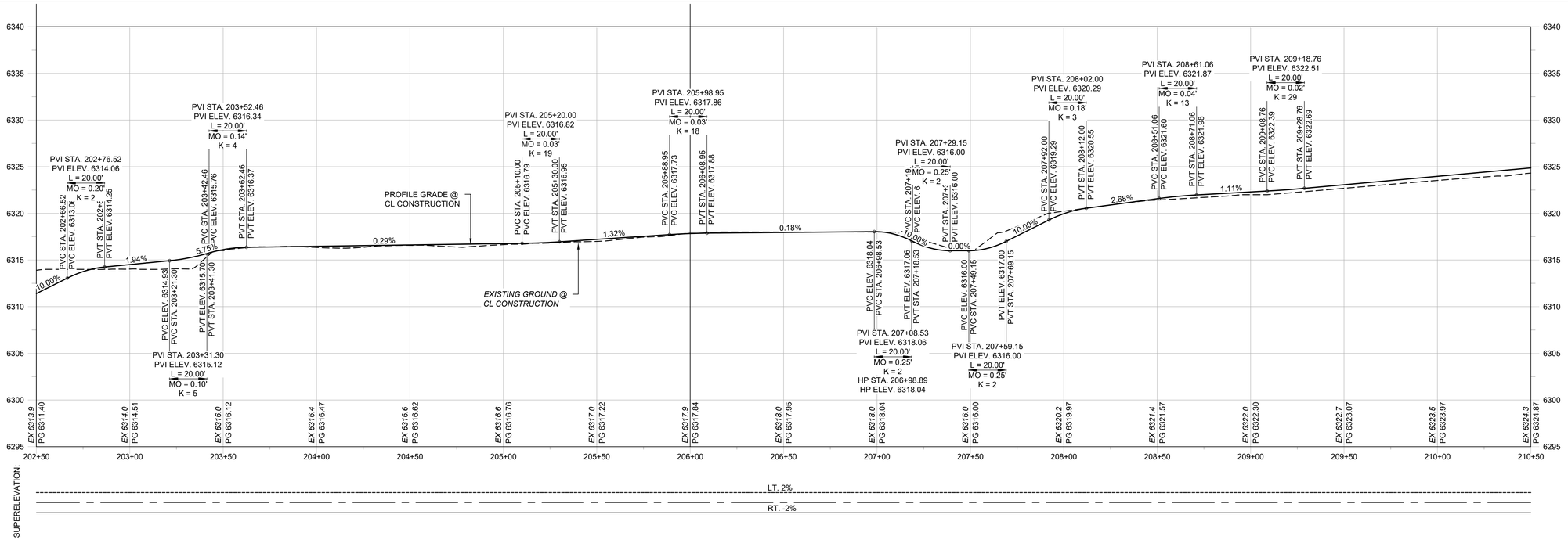
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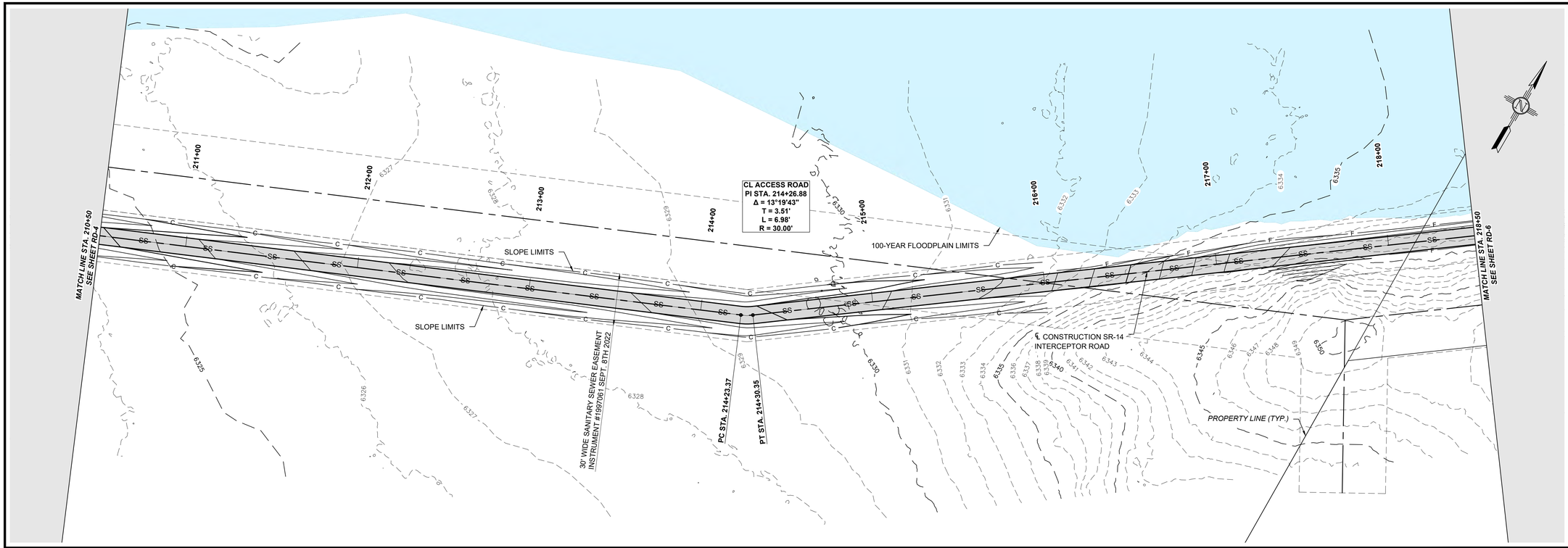
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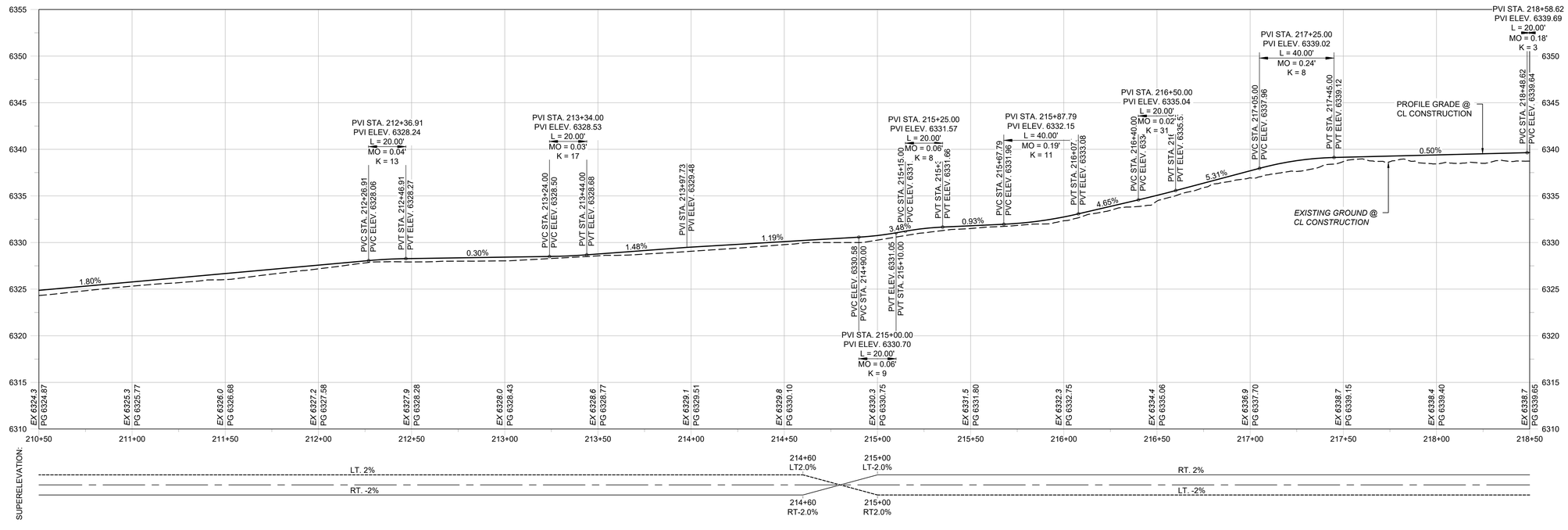
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NEW MEXICO
19479
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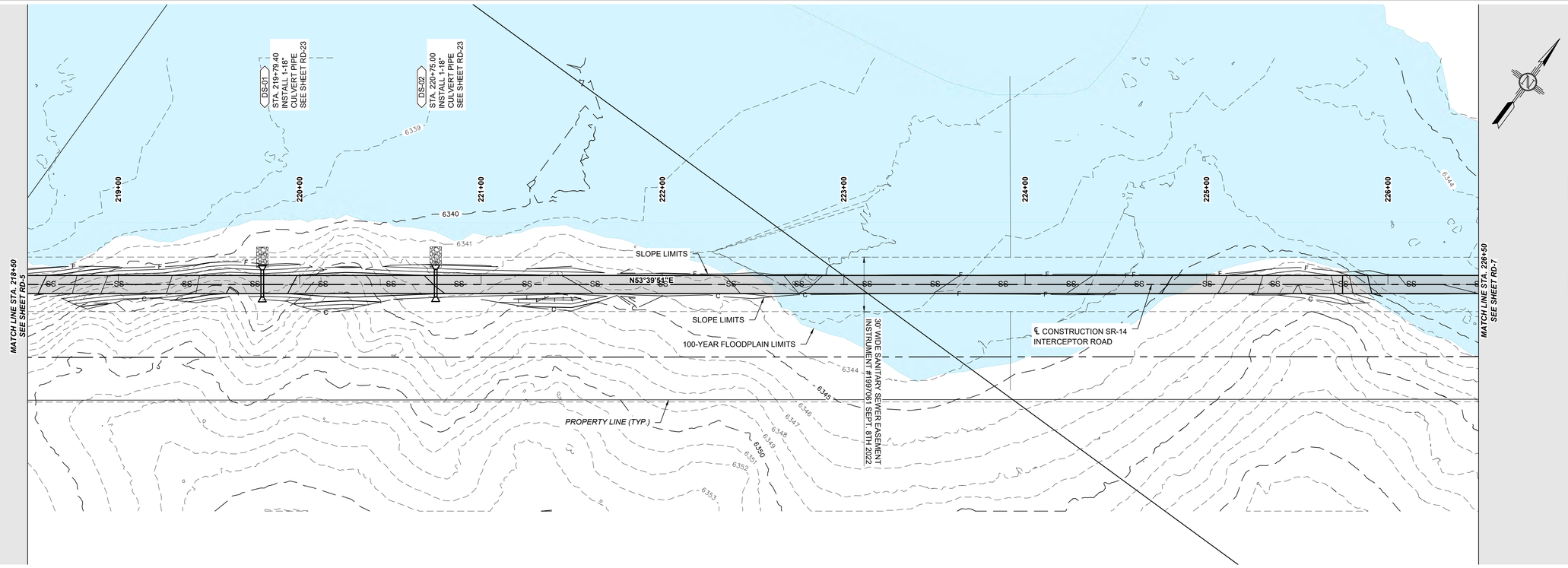
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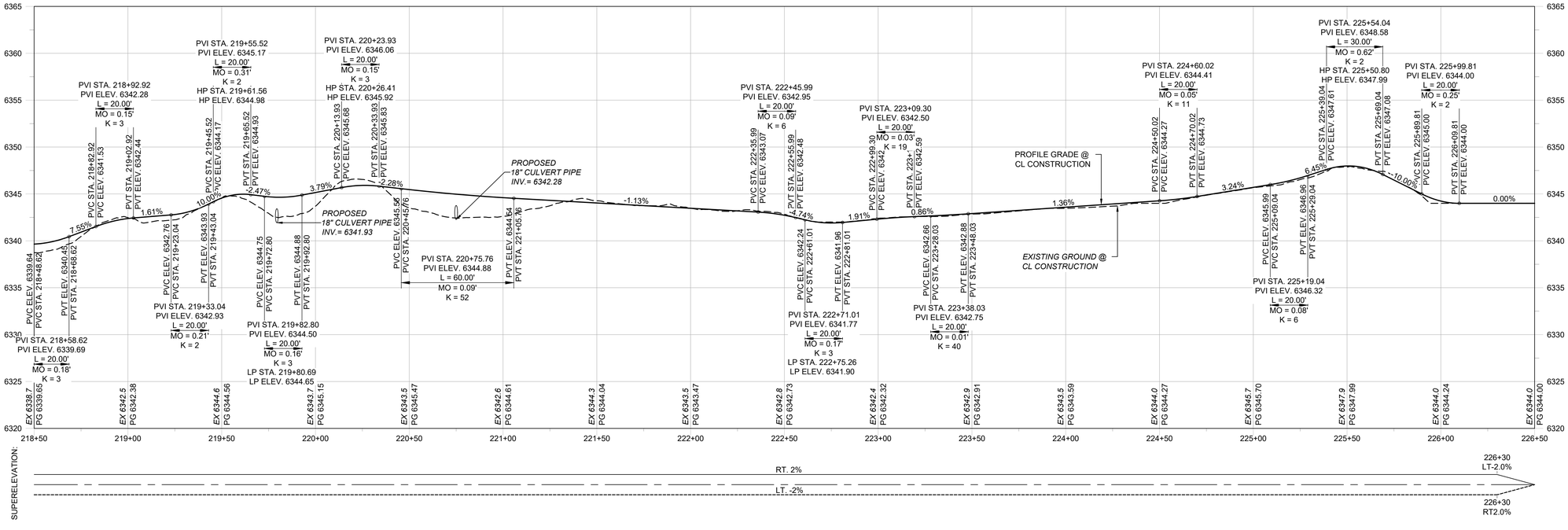
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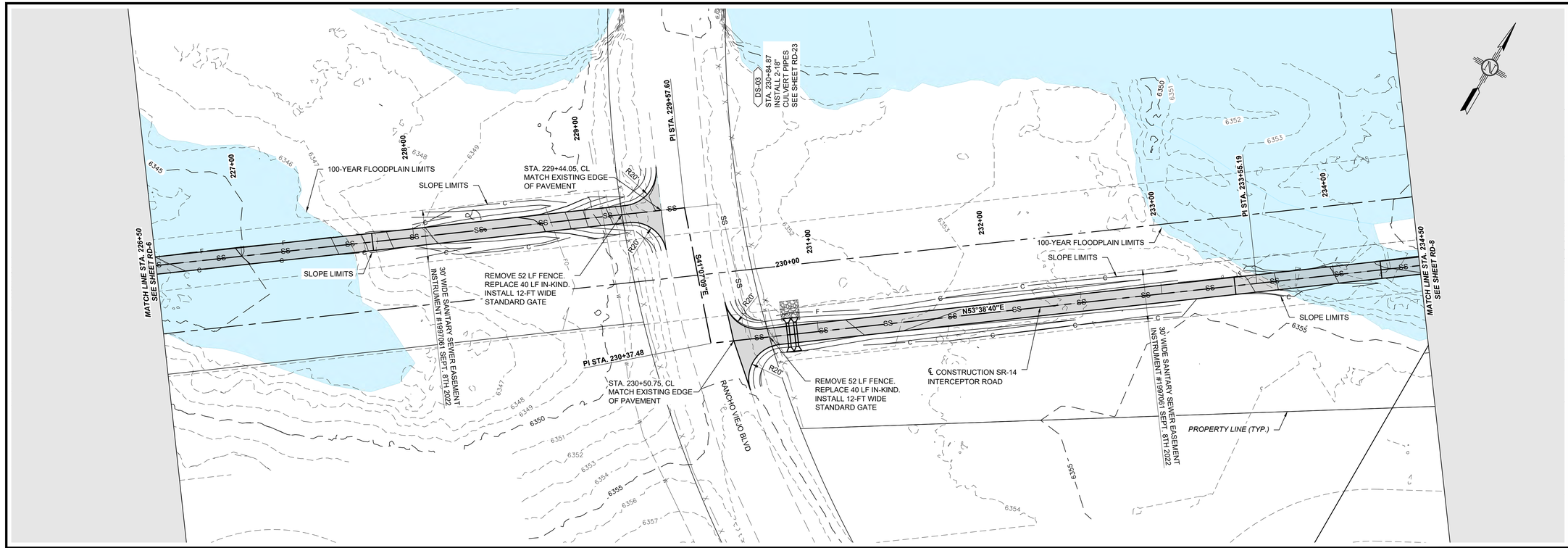
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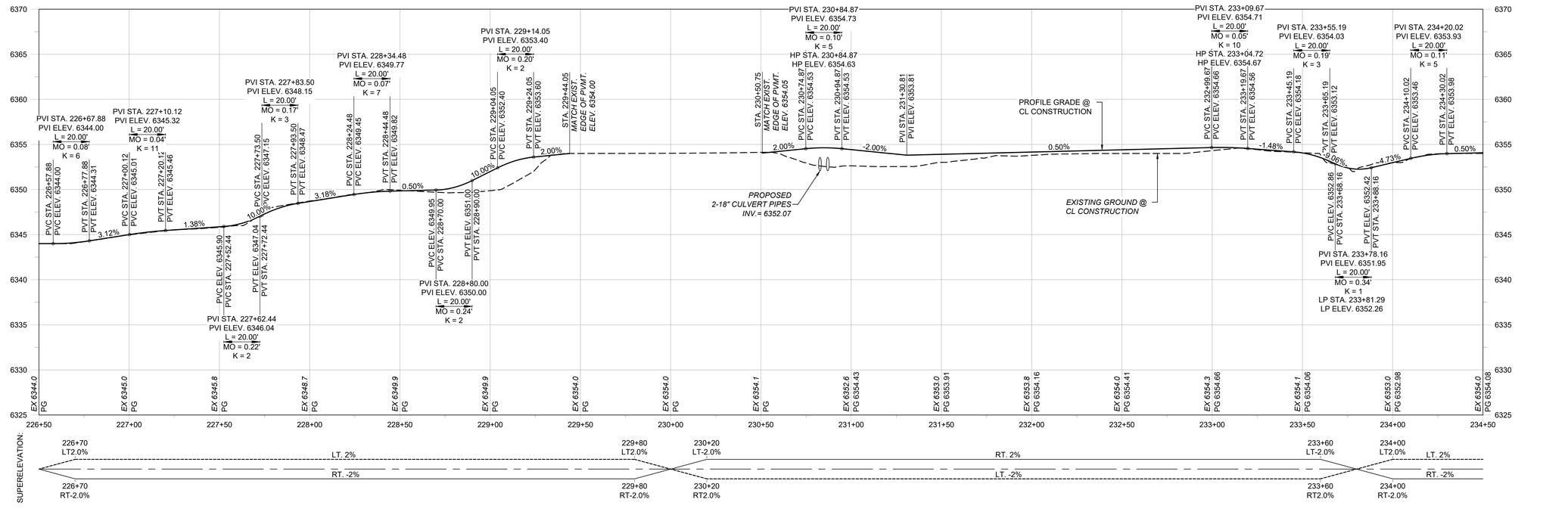
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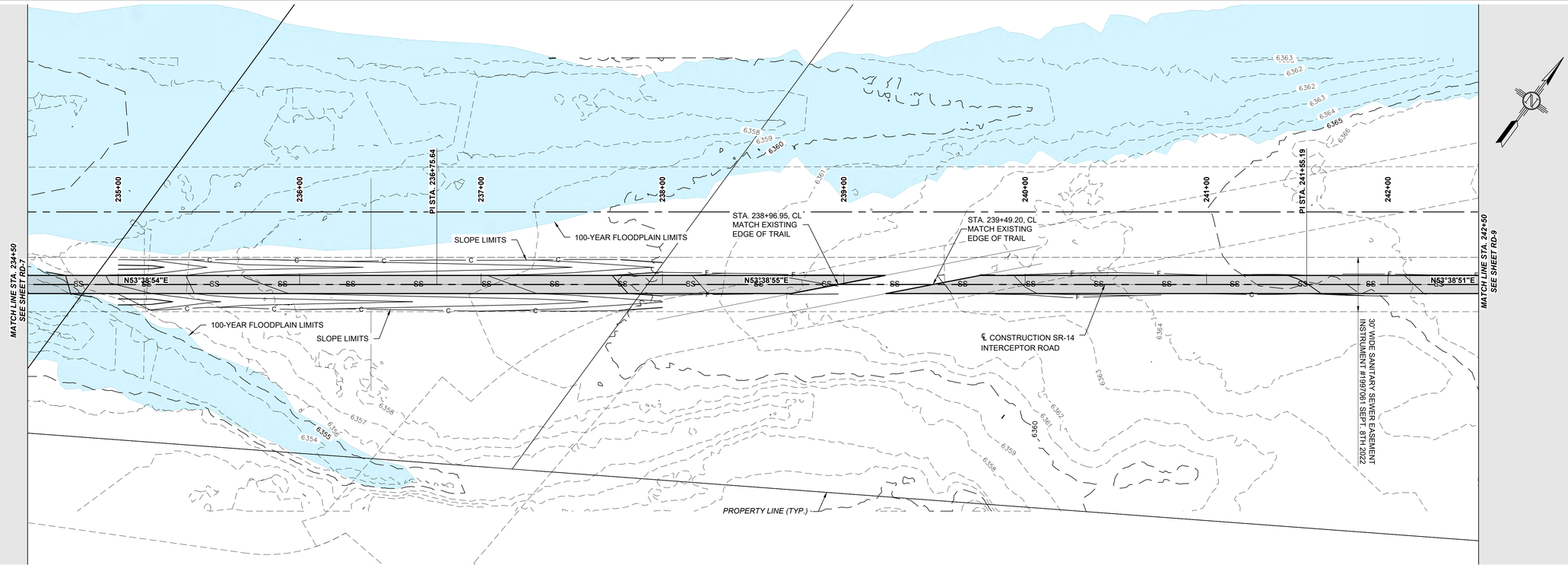
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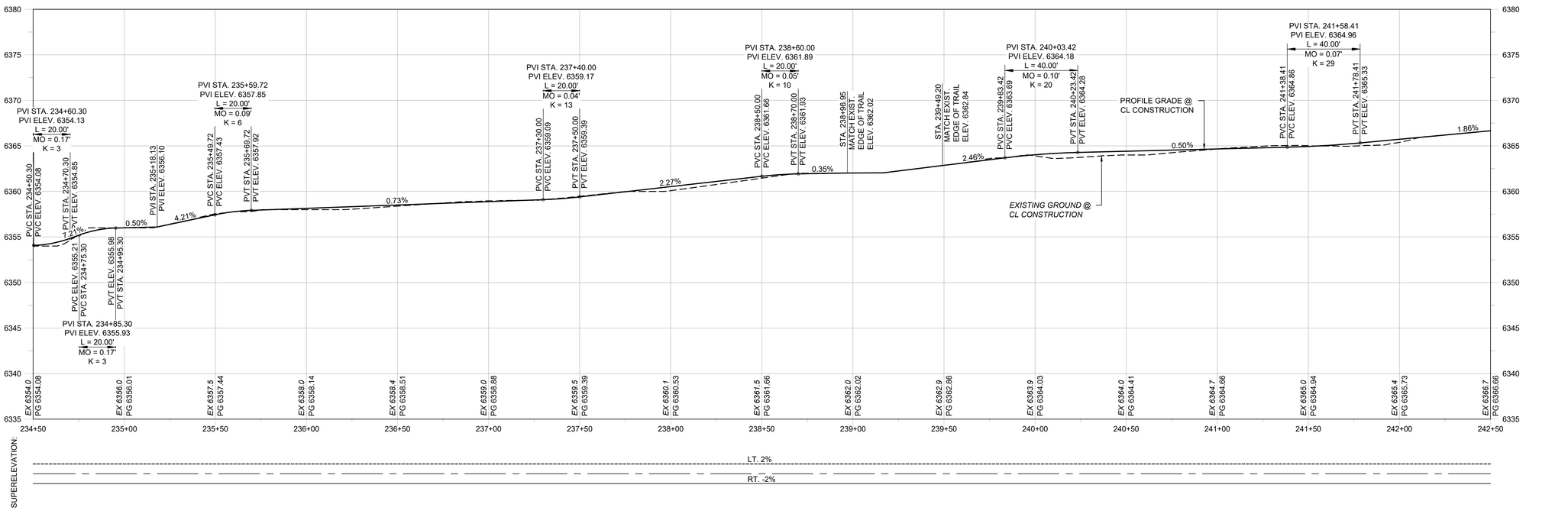
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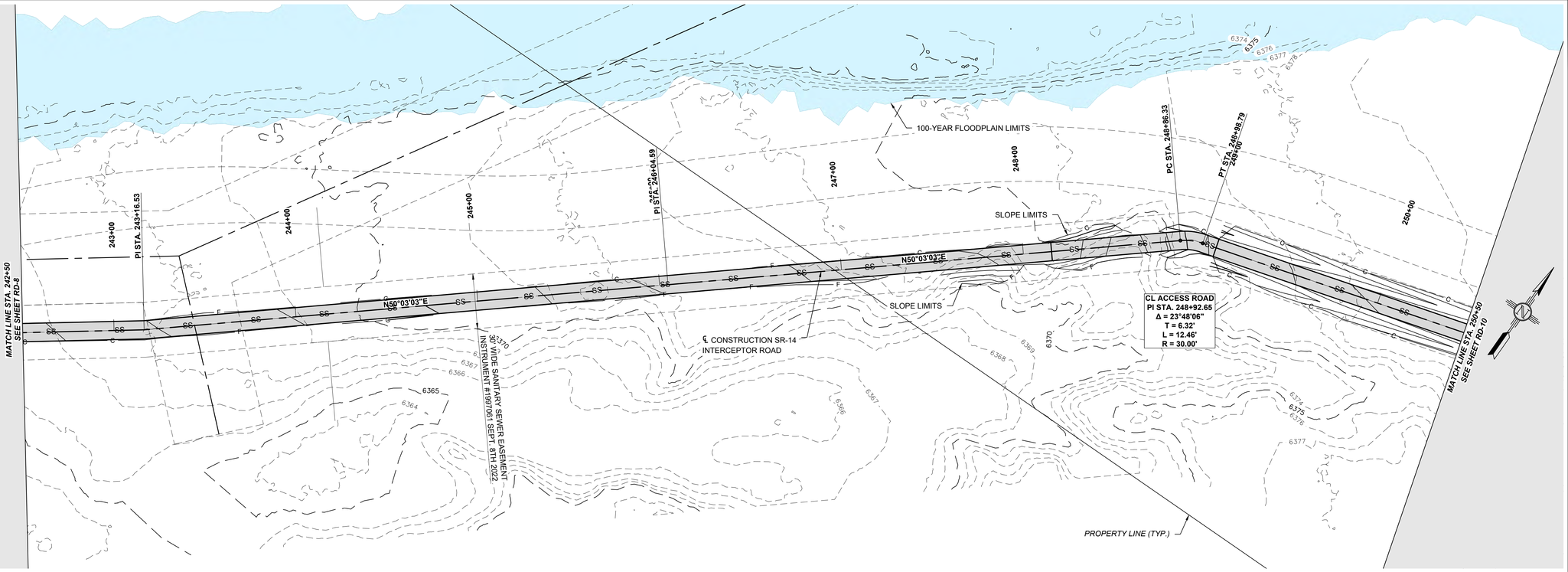
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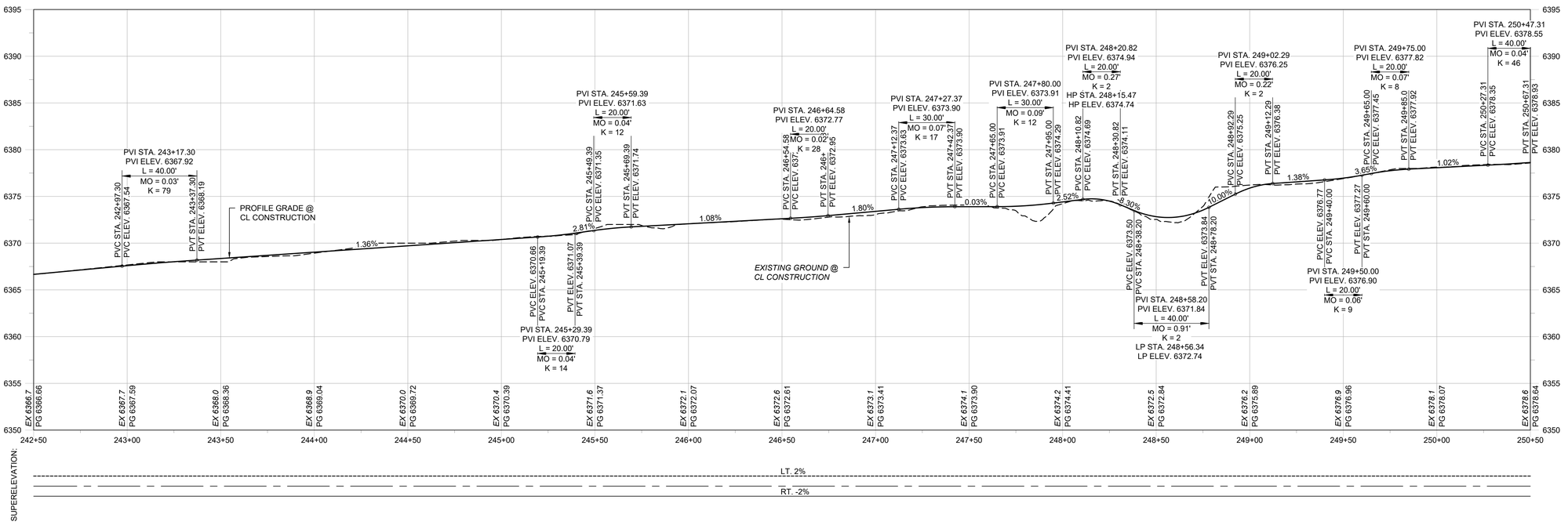
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SR-14 INTERCEPTOR ROAD
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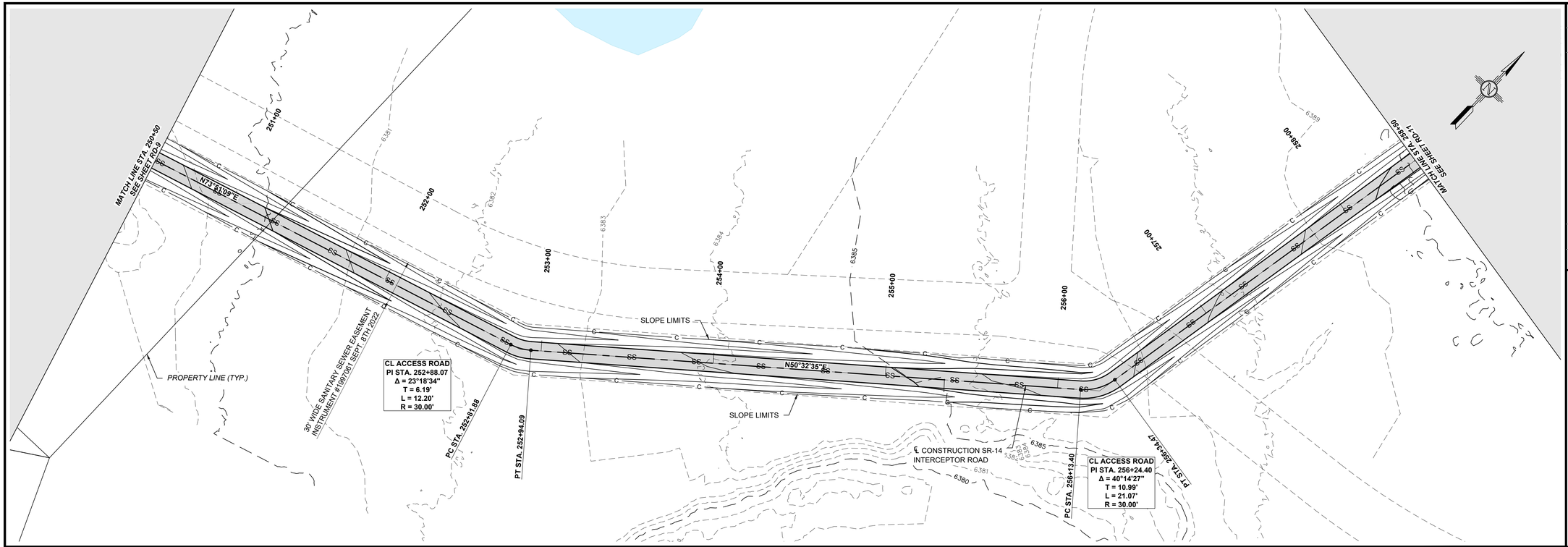
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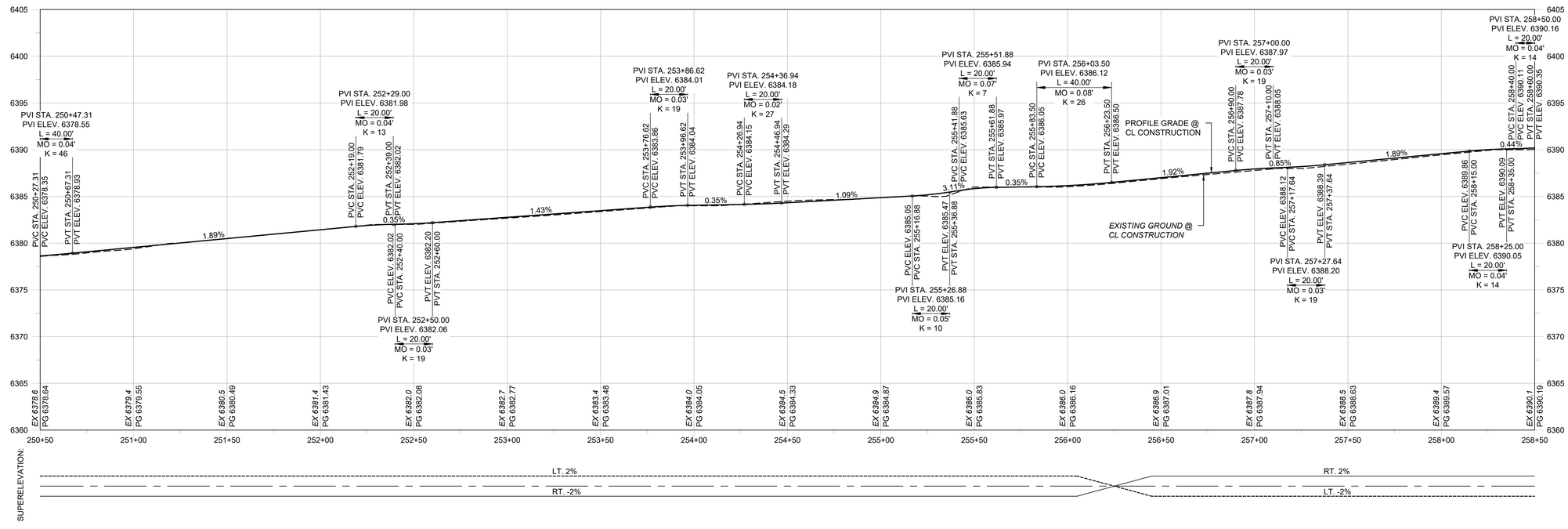
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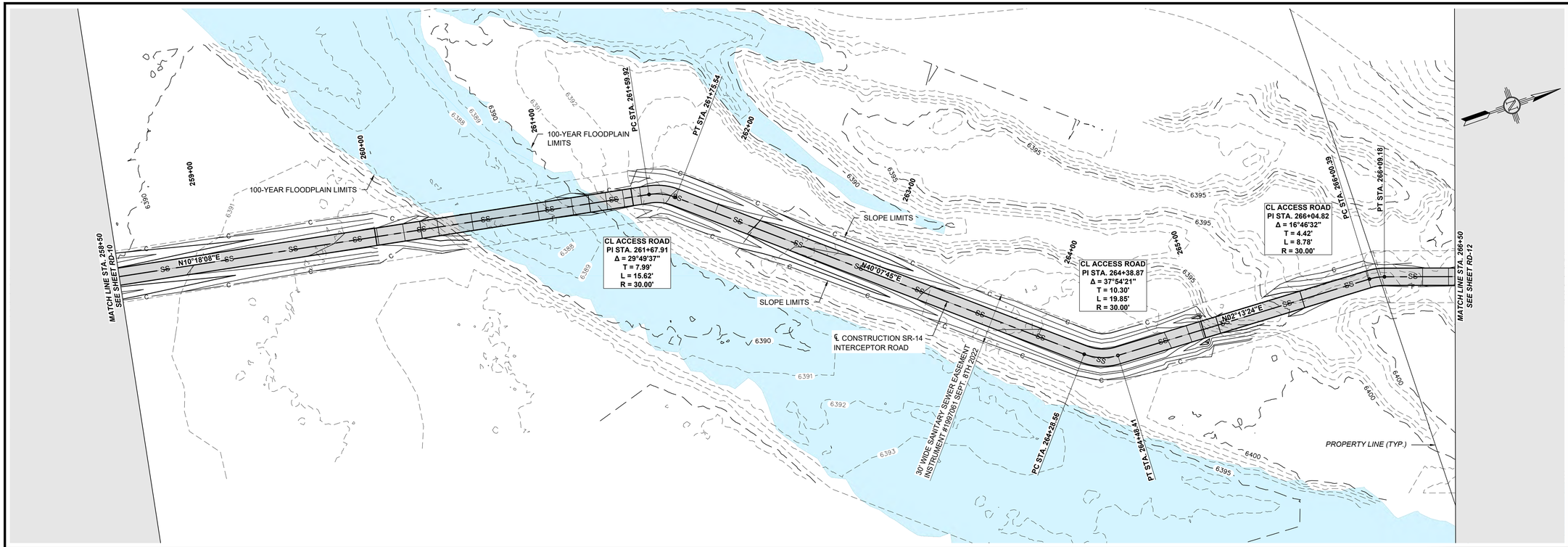
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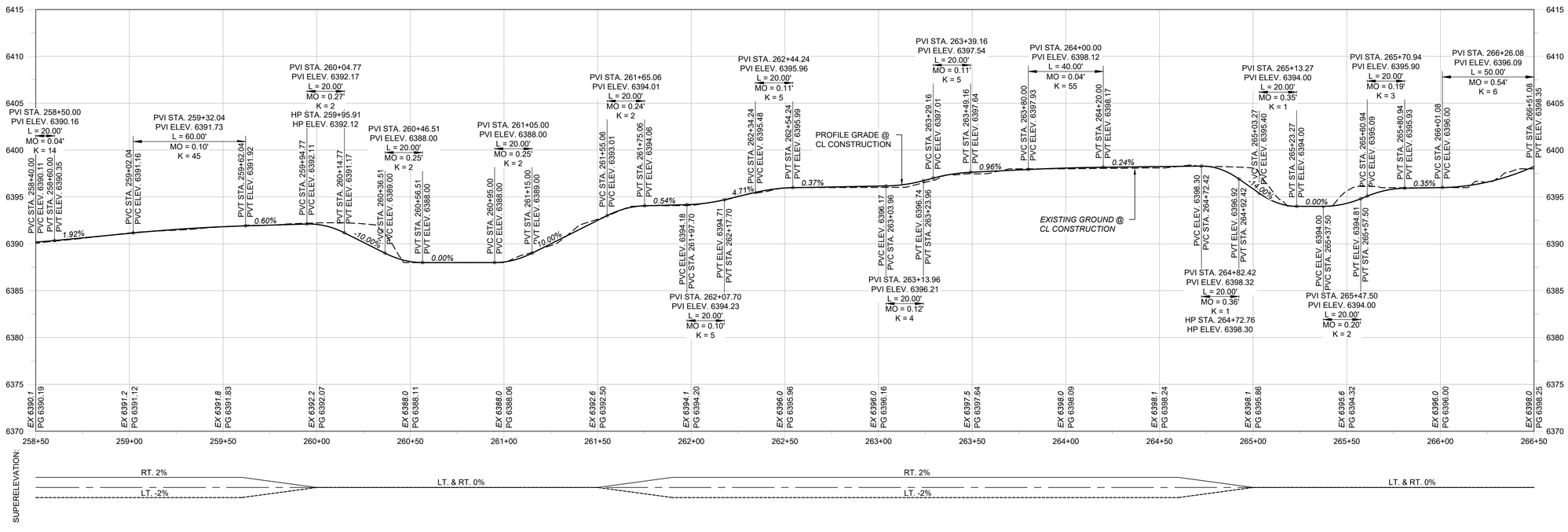
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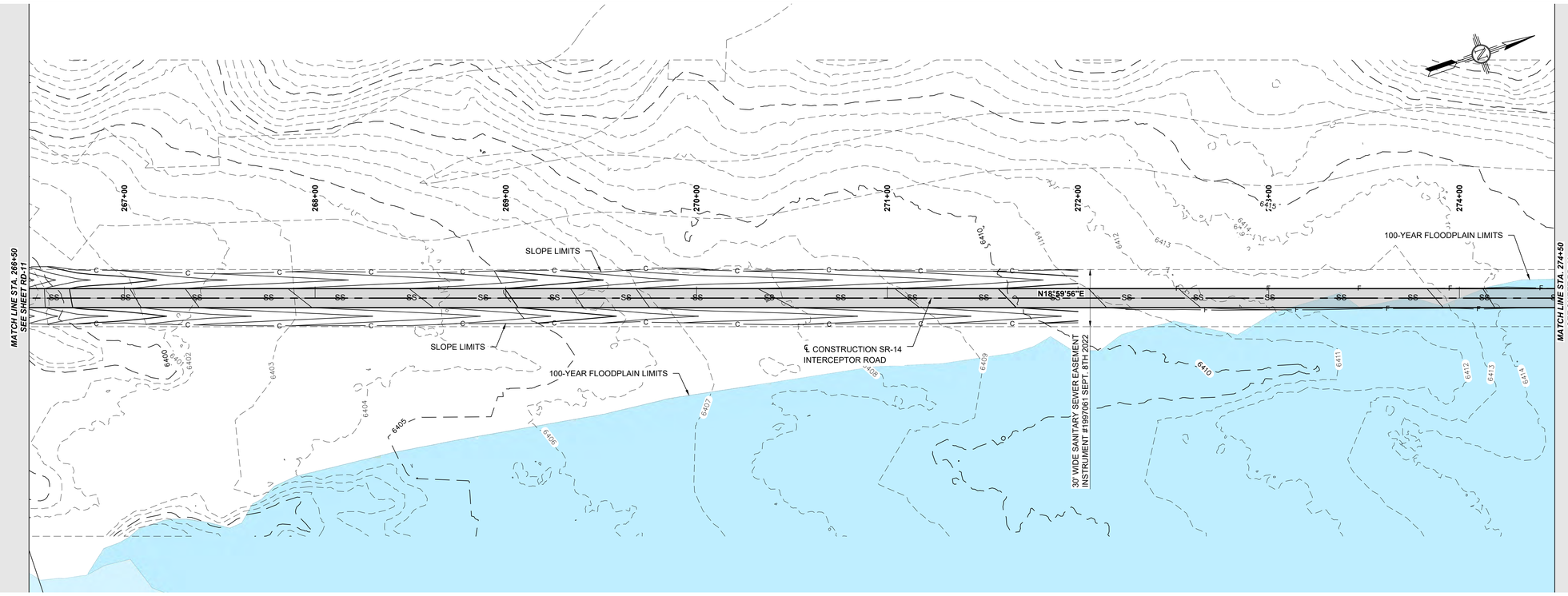
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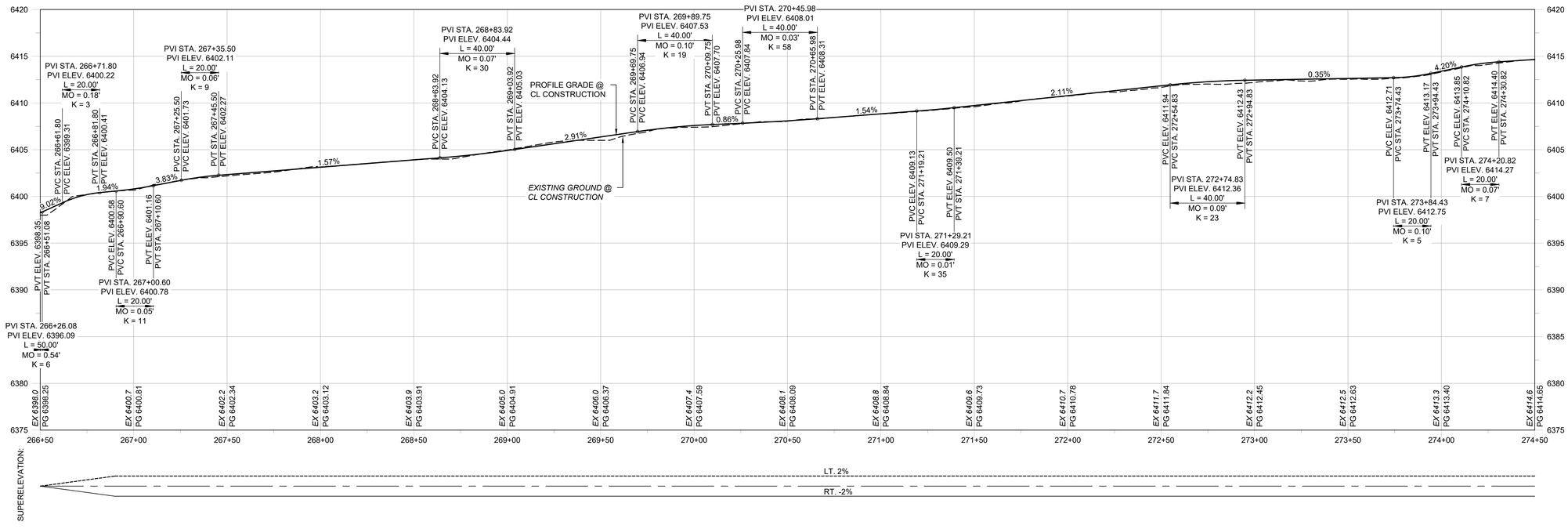
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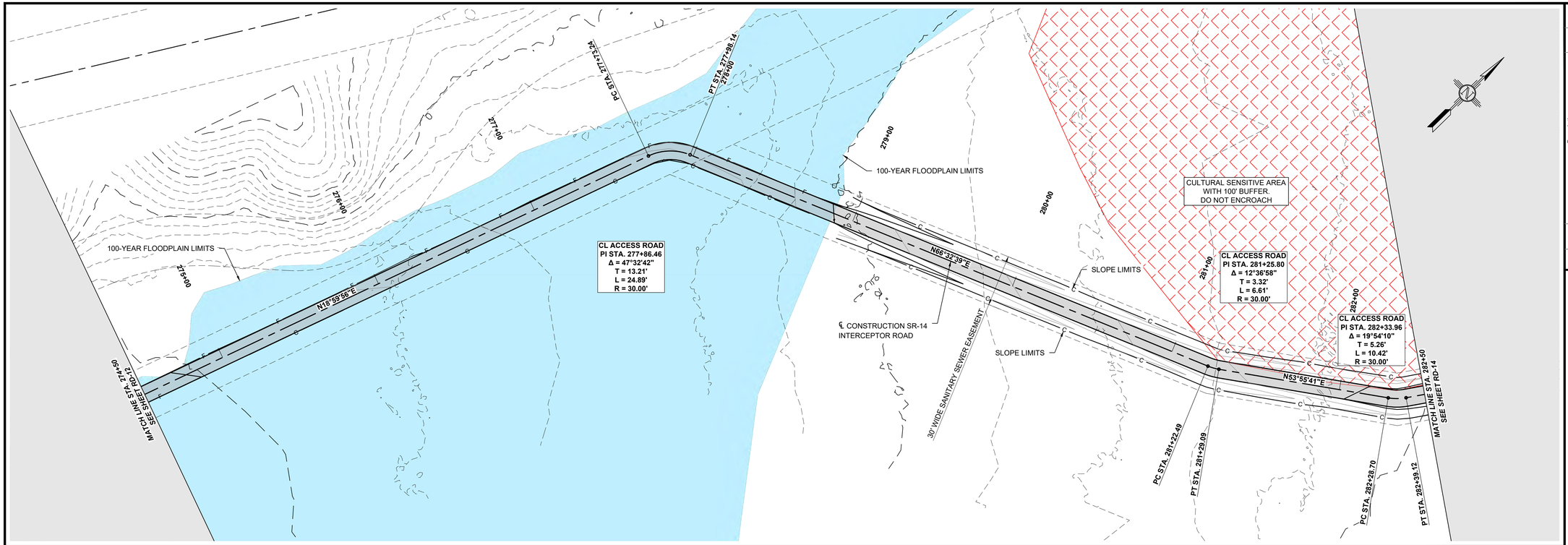
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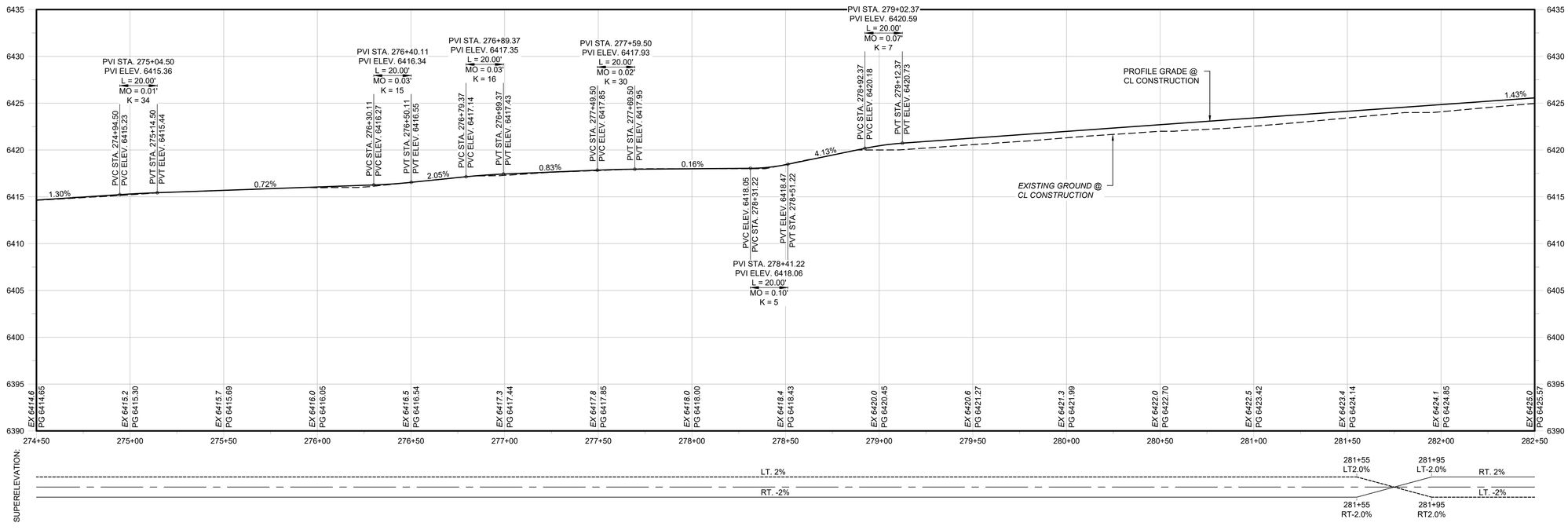
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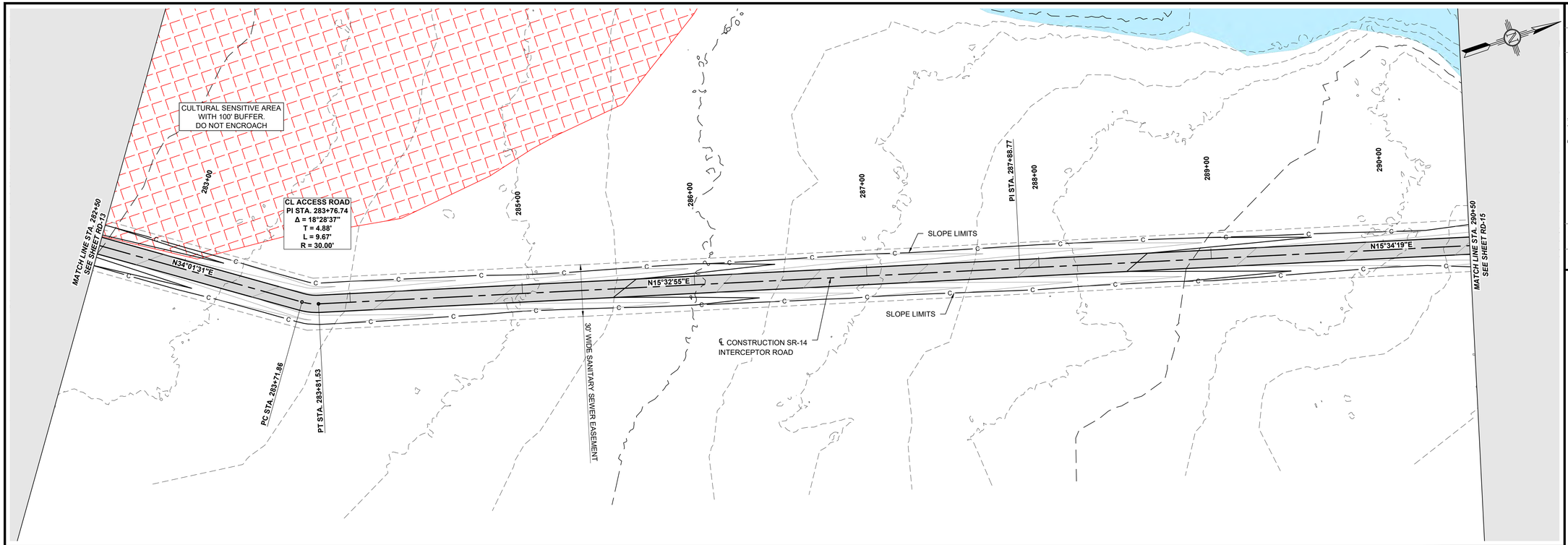
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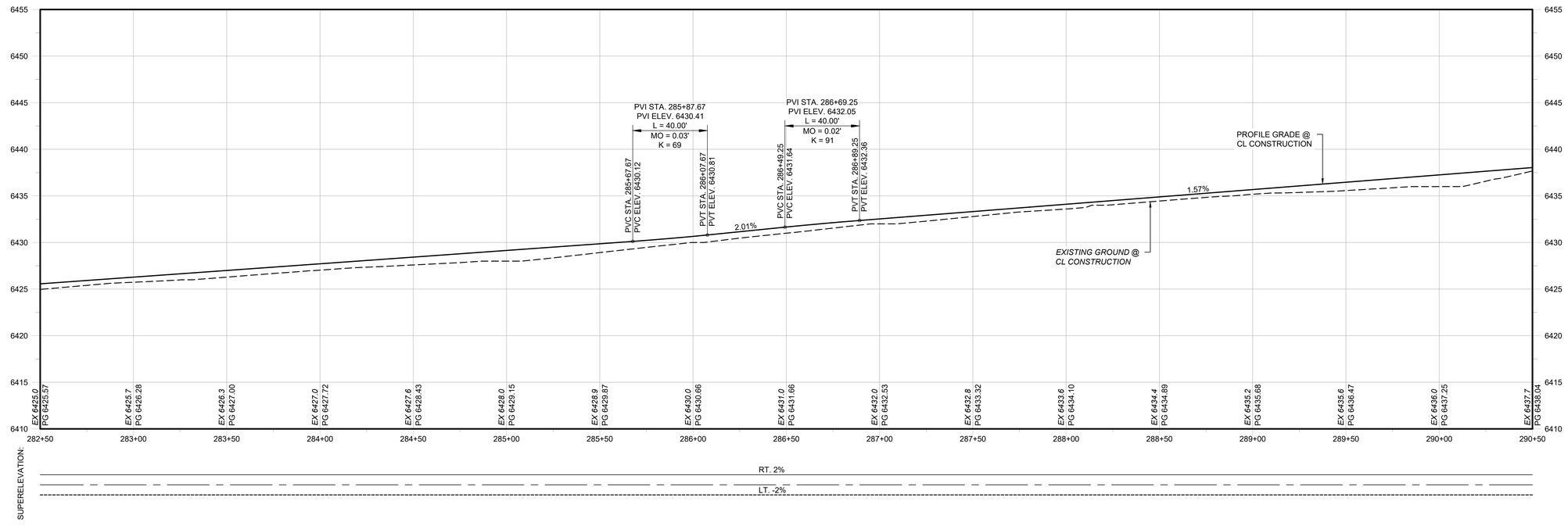
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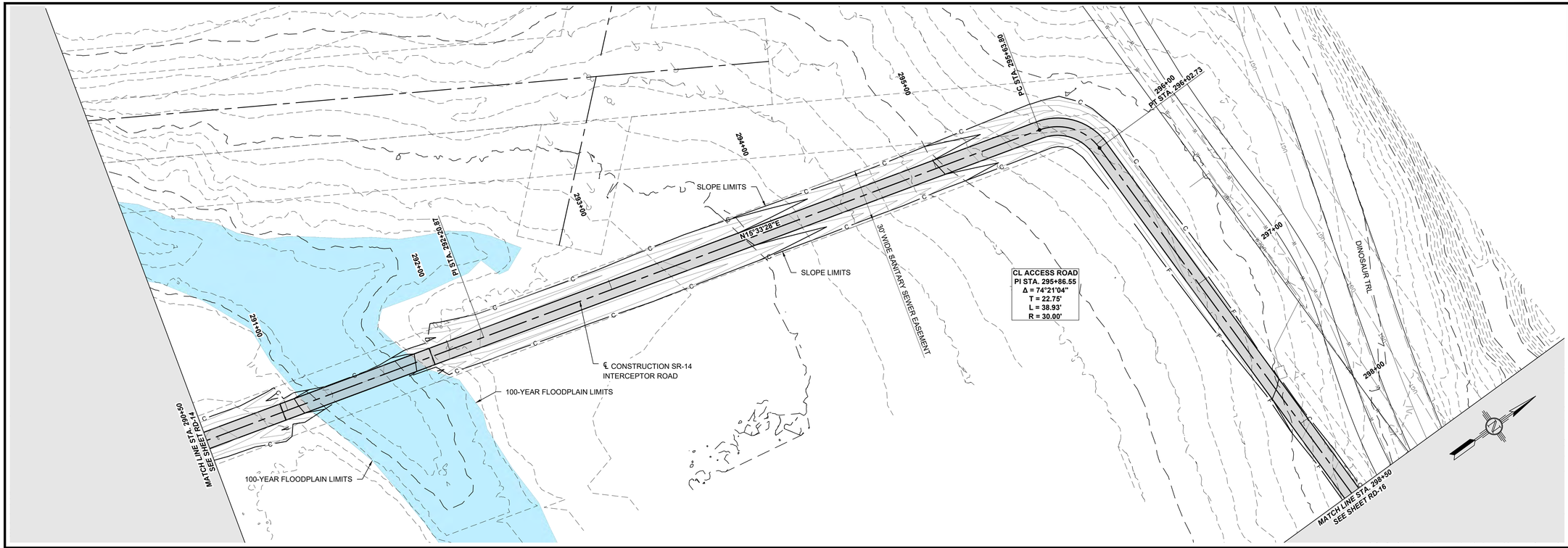
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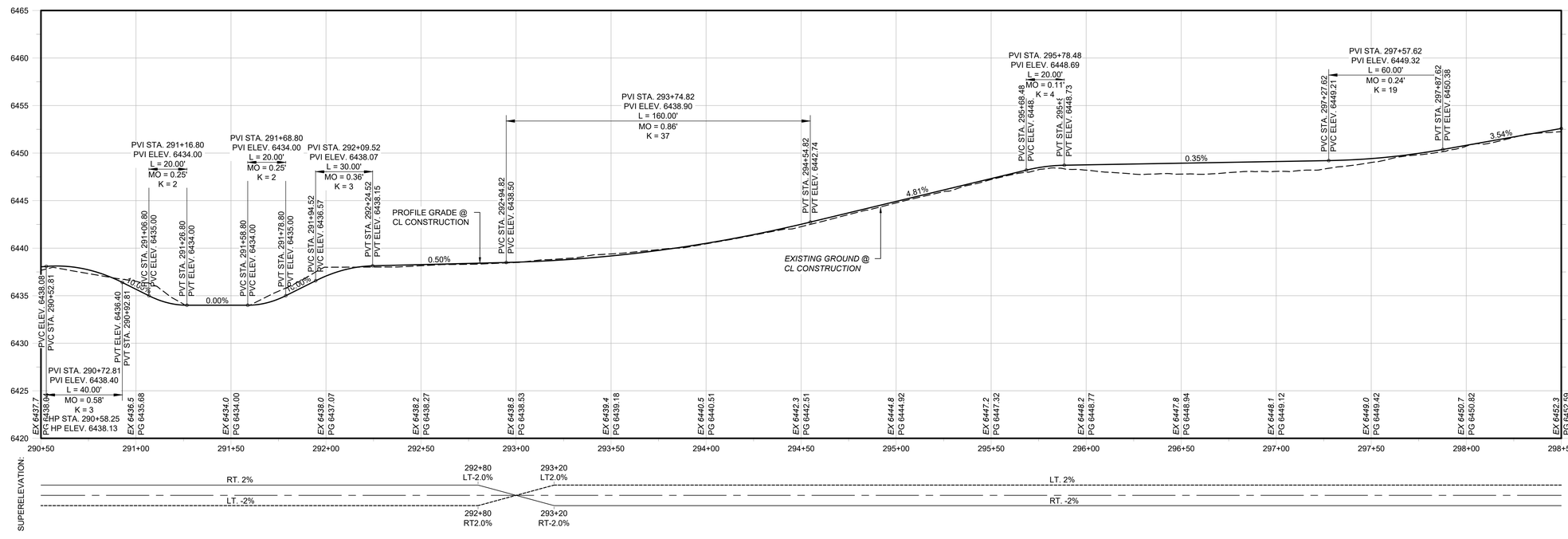
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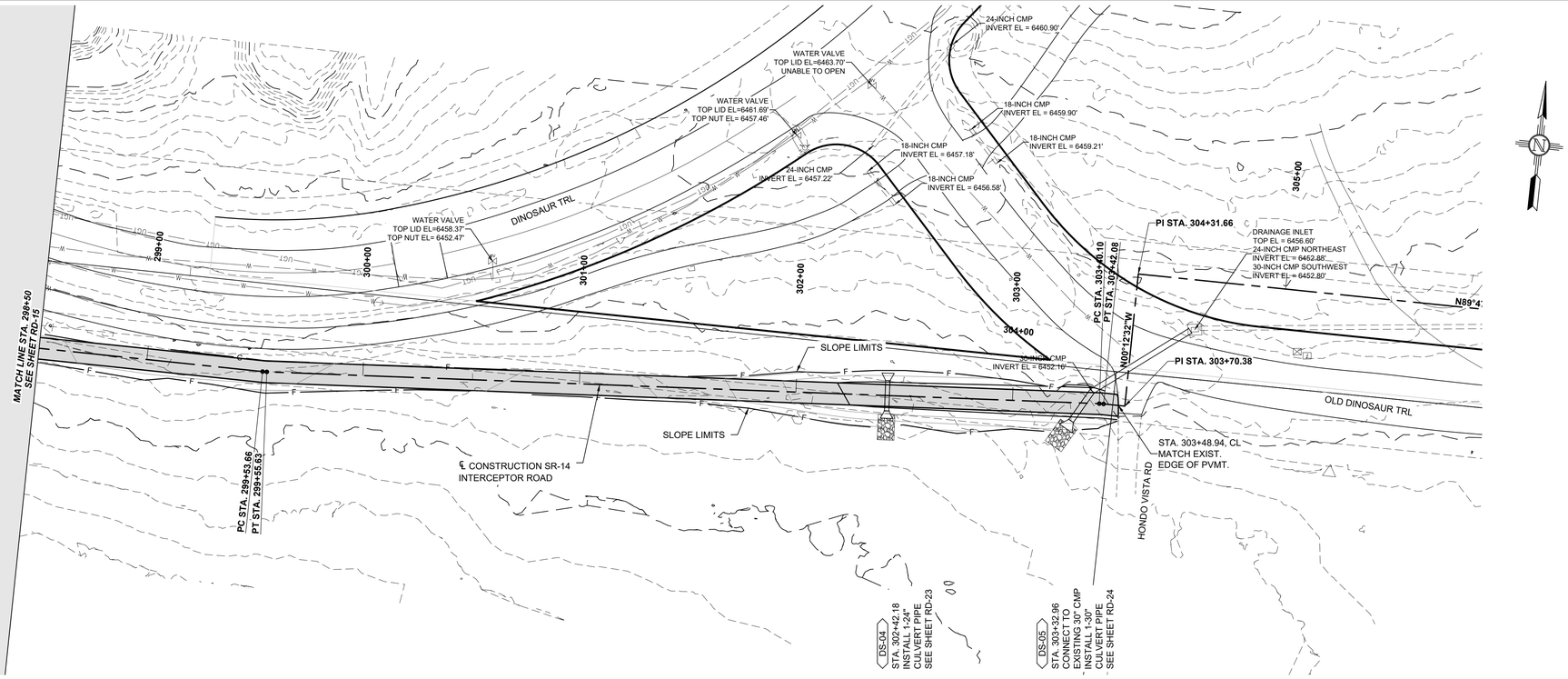
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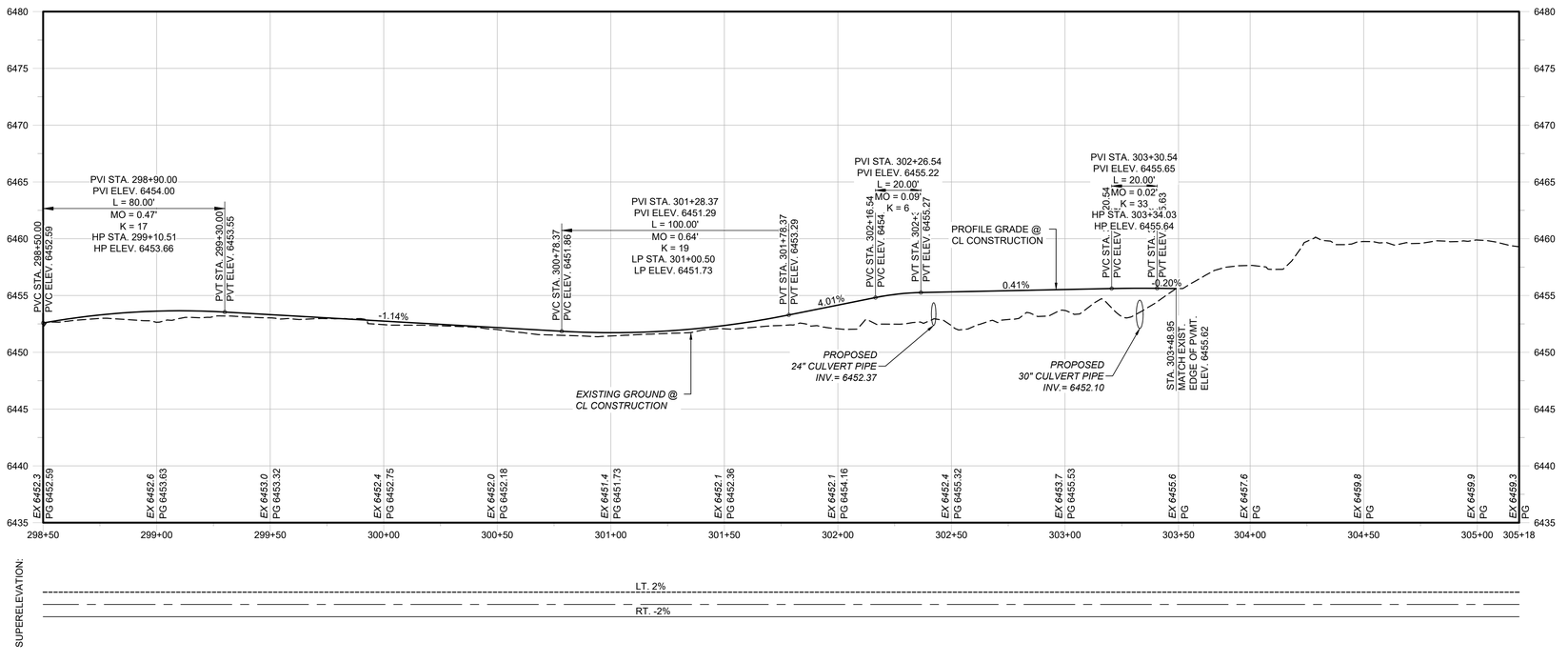
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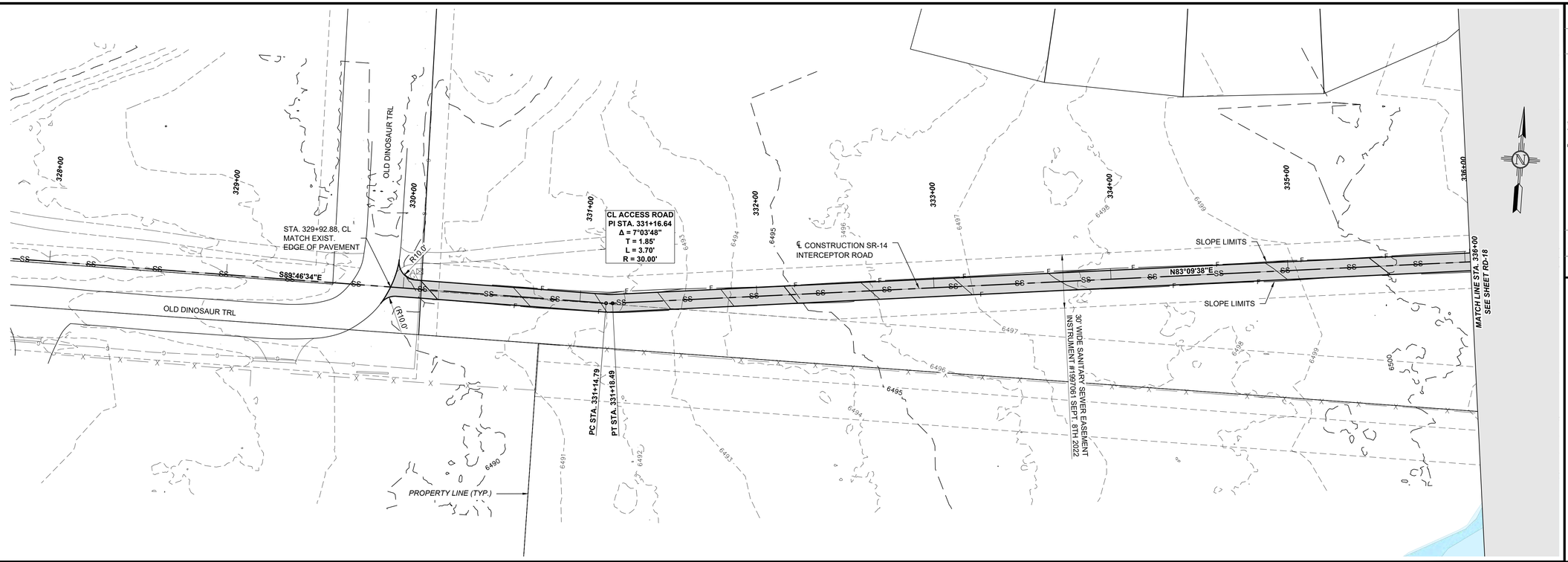
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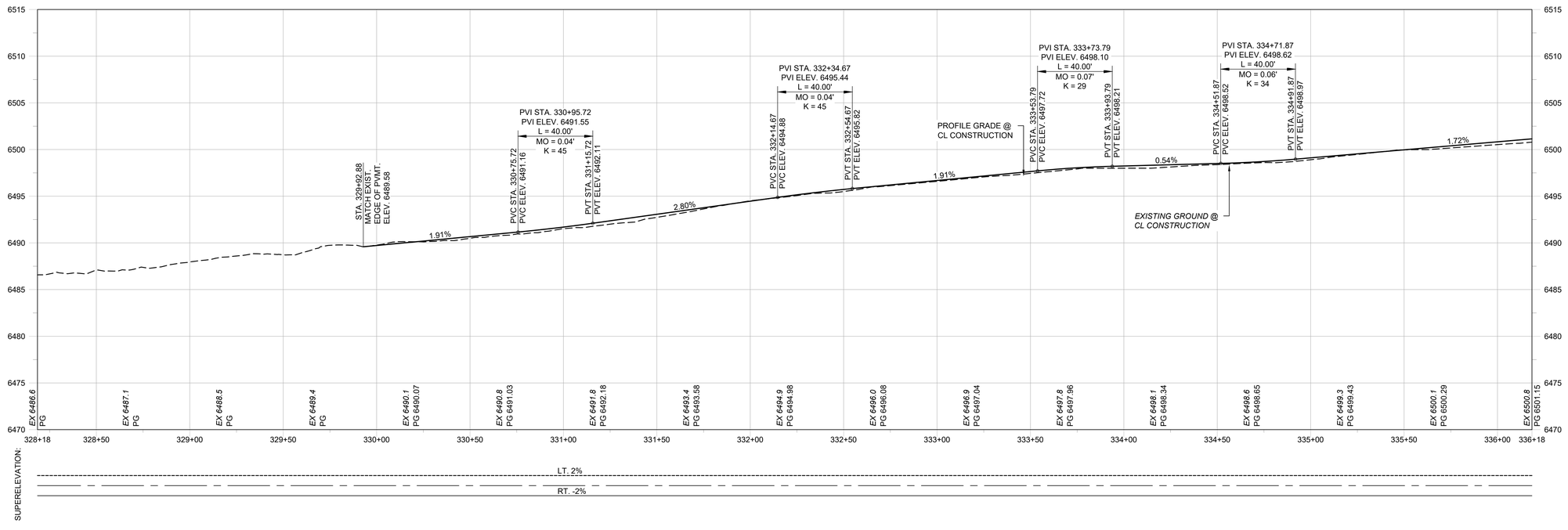
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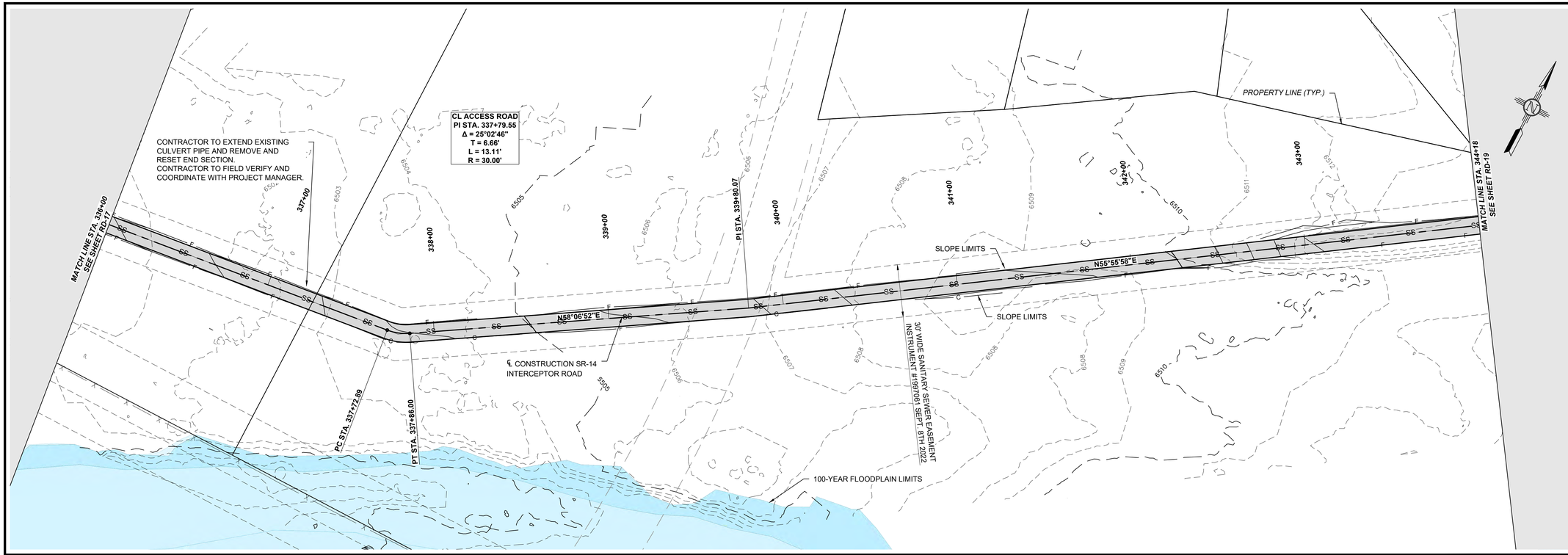
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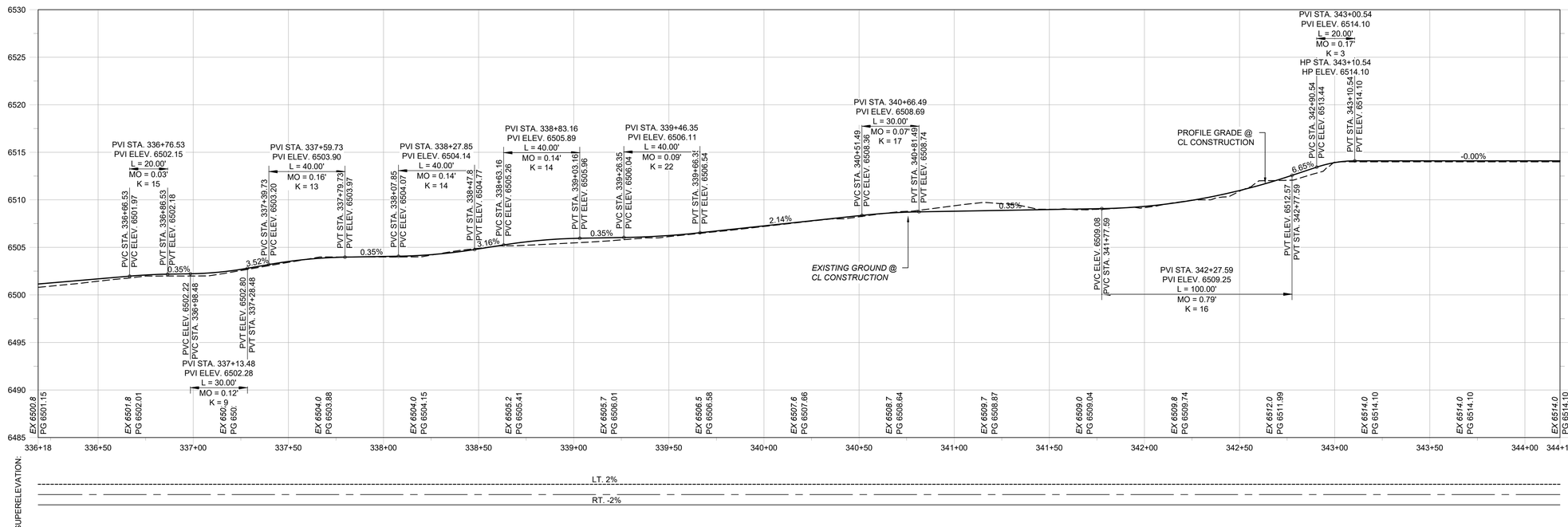
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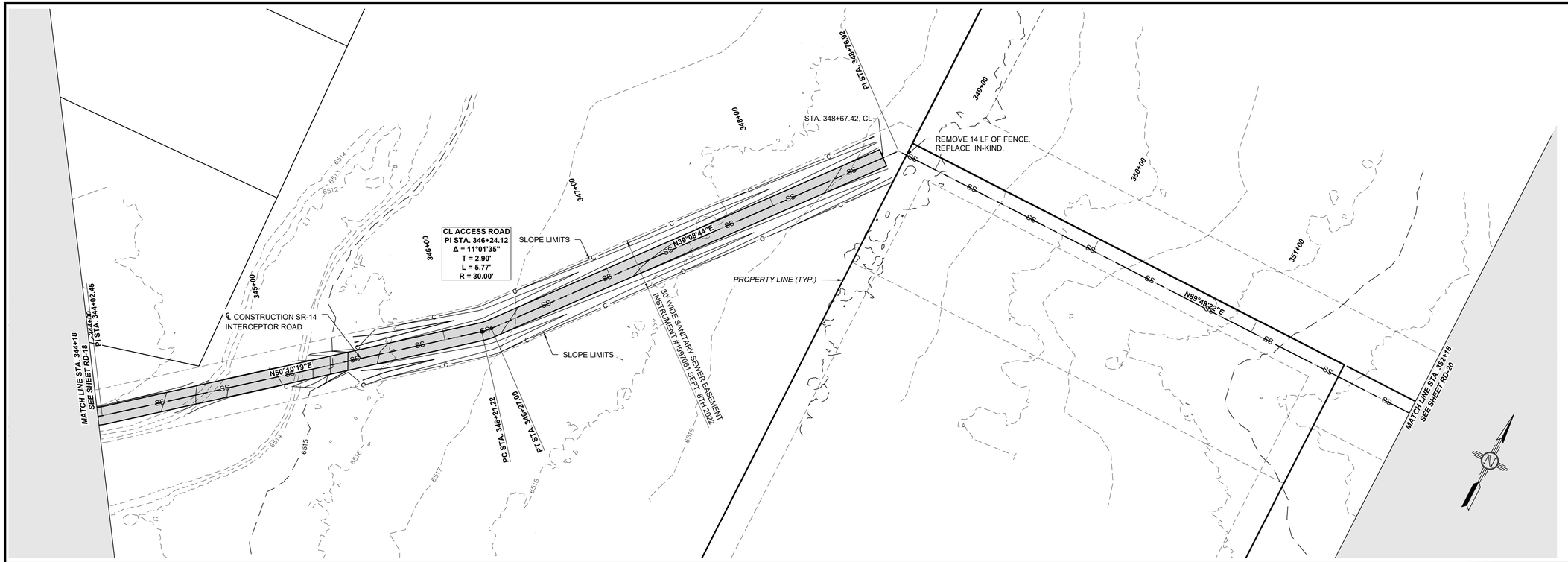
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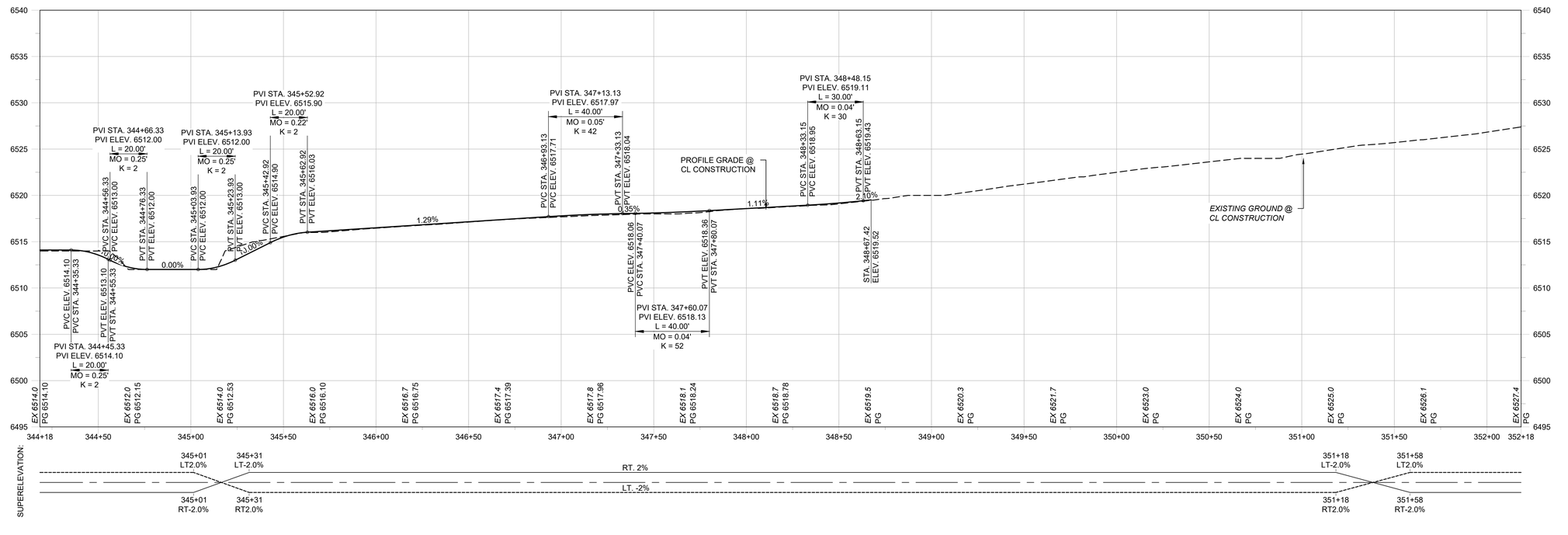
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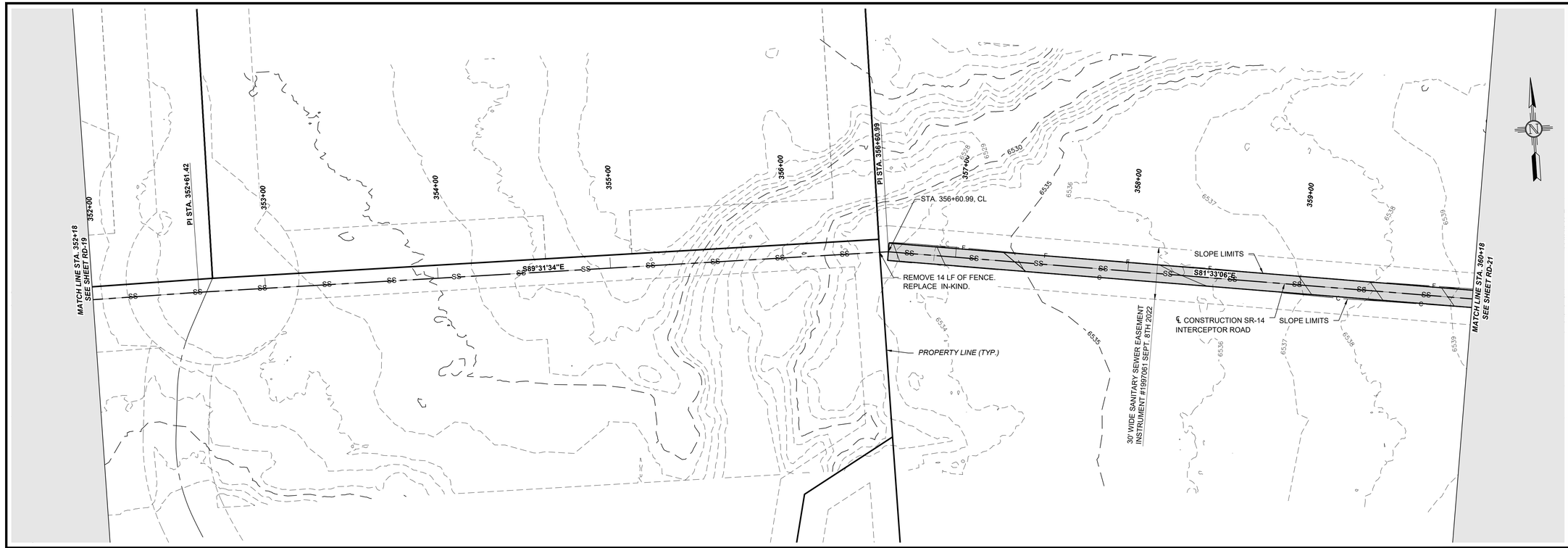
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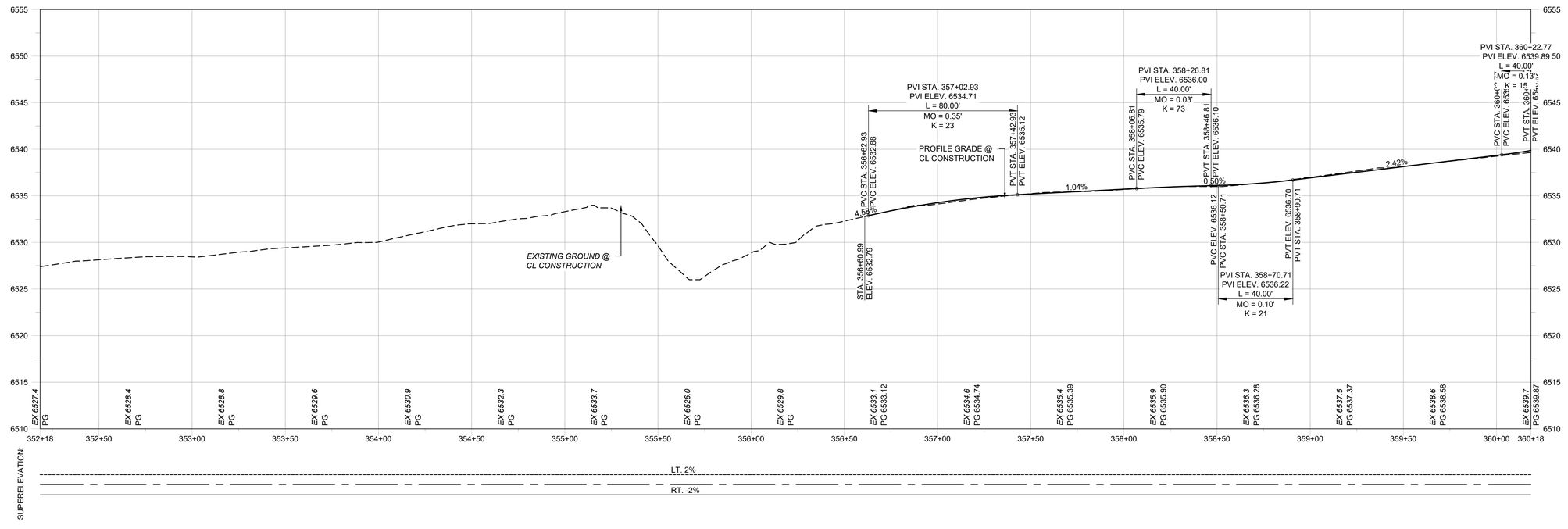
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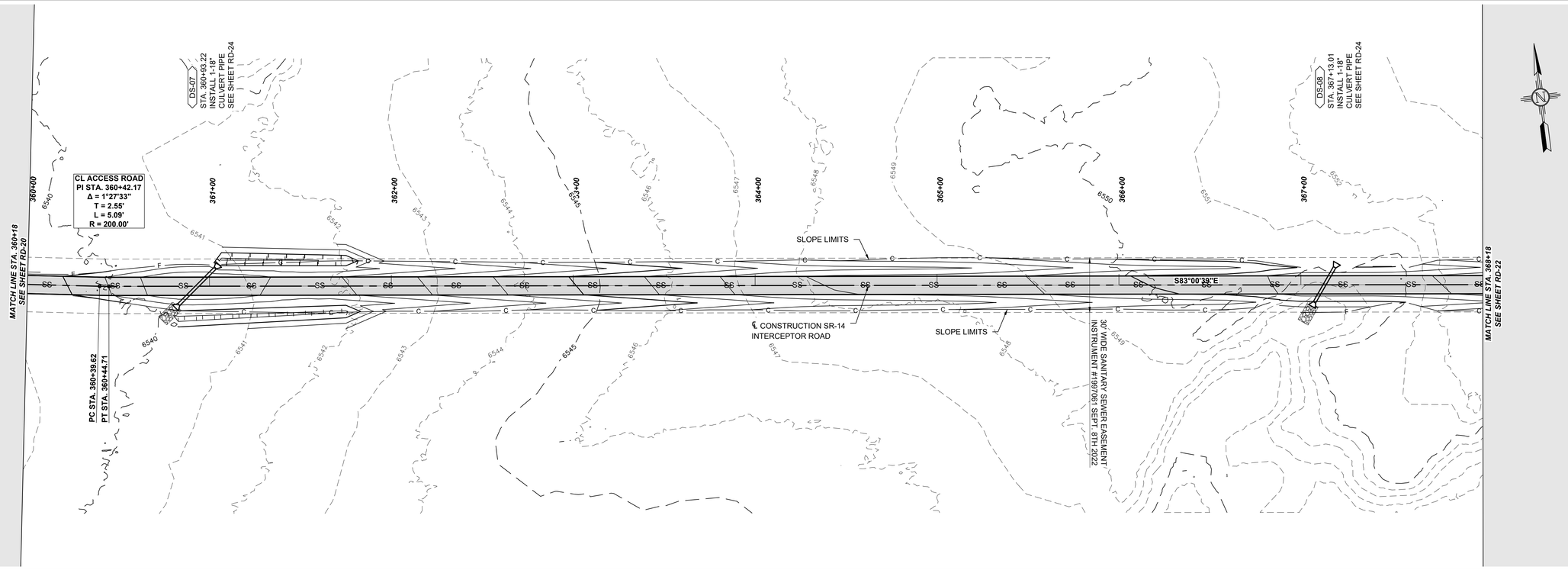
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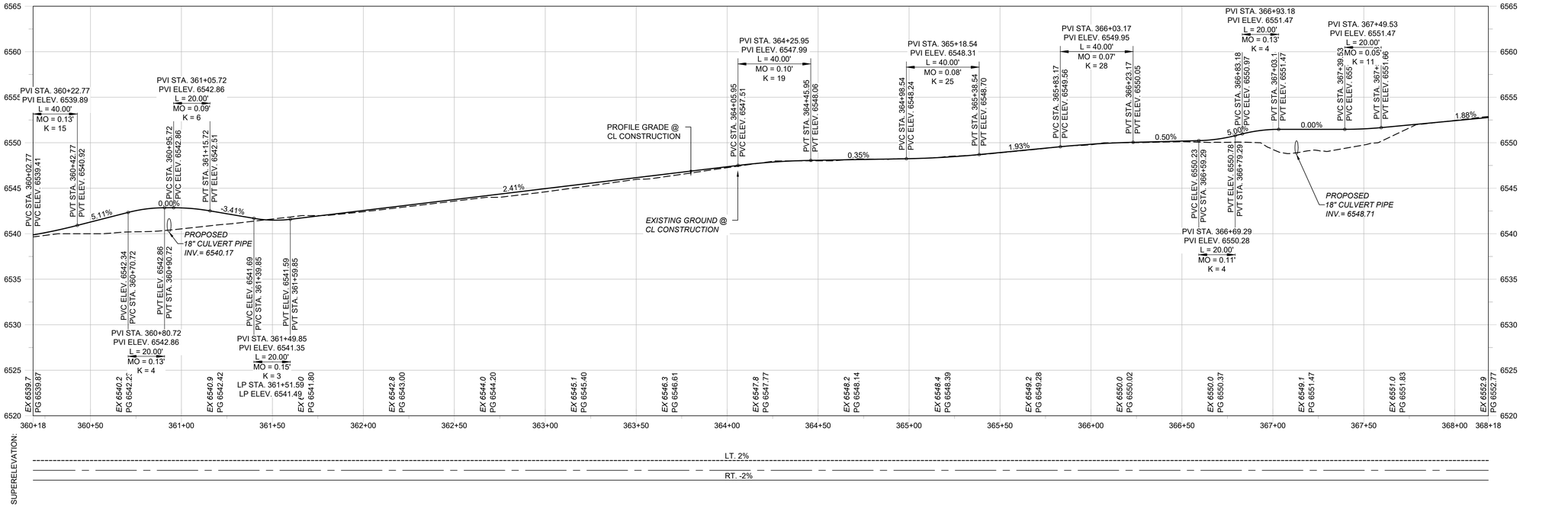
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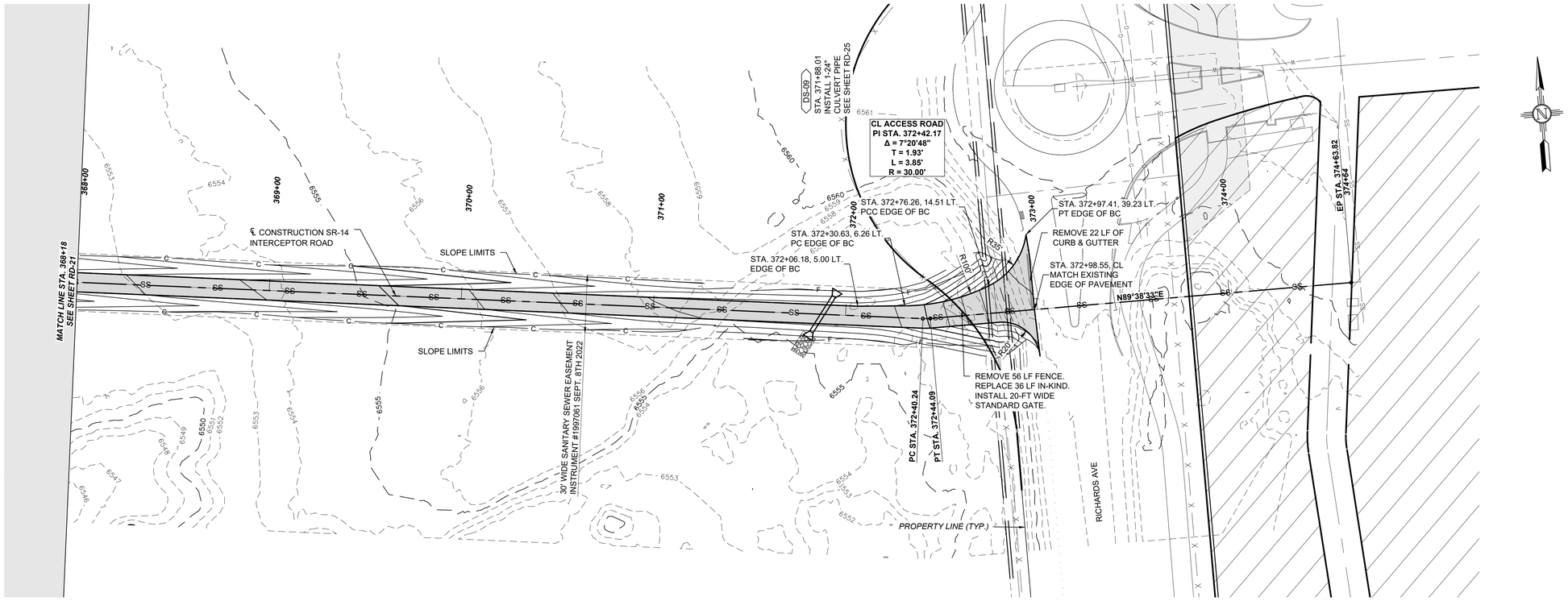
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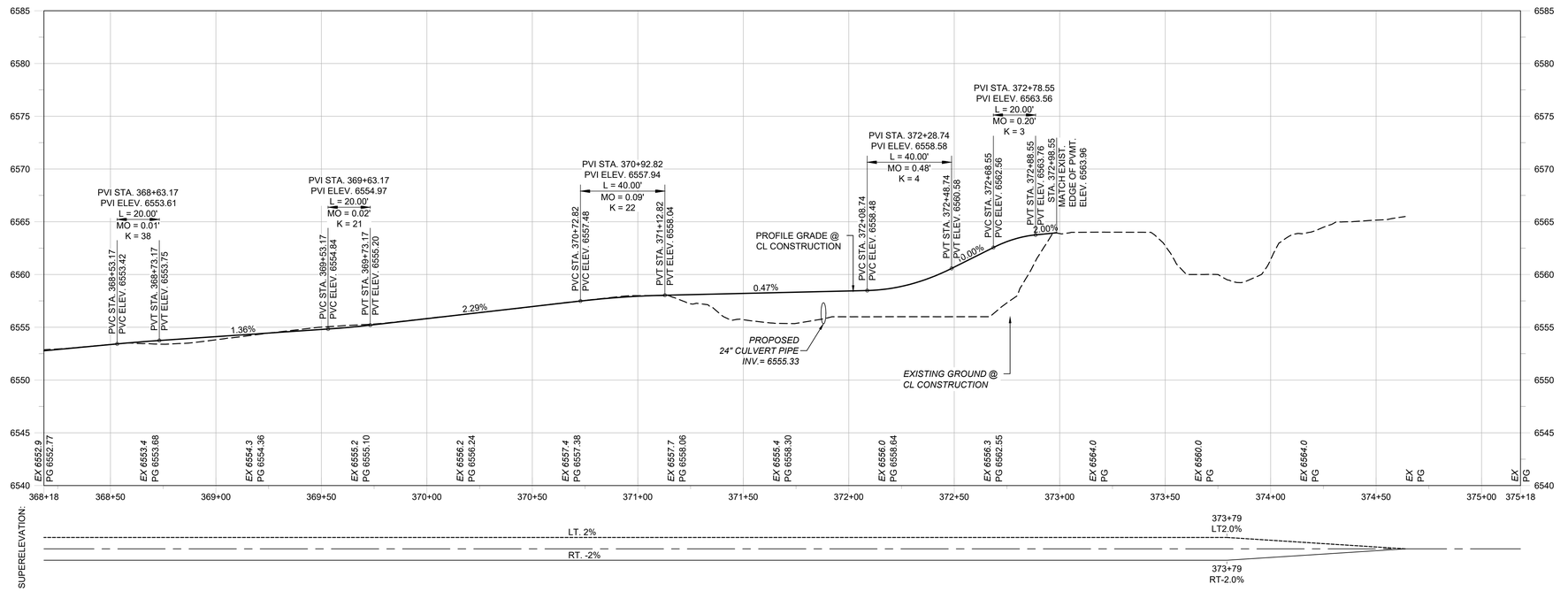
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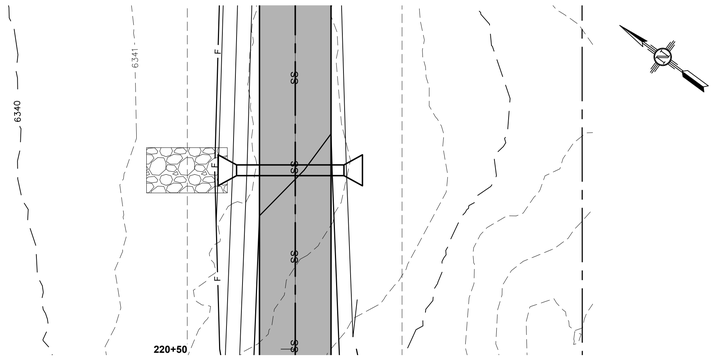
Date: November 2025

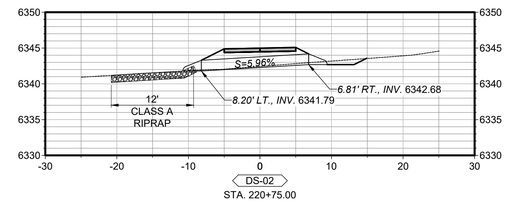
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Project No: 9230488

Sheet: RD-22

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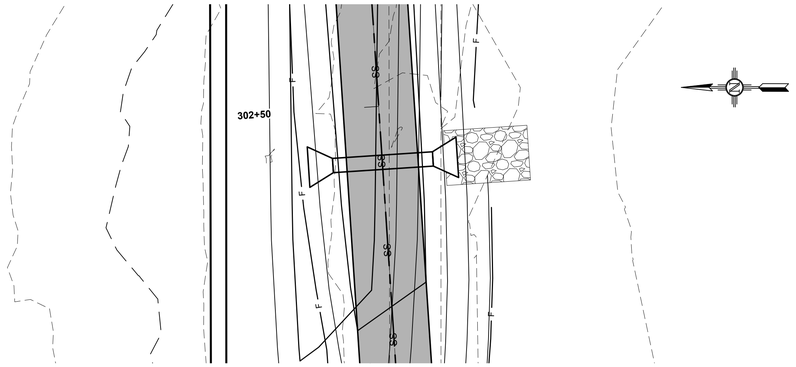


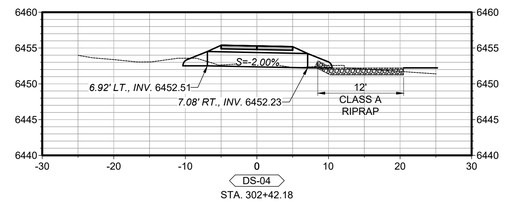


DS-02

STA. 220+75.00

BUILD 1-18"x15.0' CULVERT PIPE - NORMAL
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD LT., 12'Lx7'Wx1'

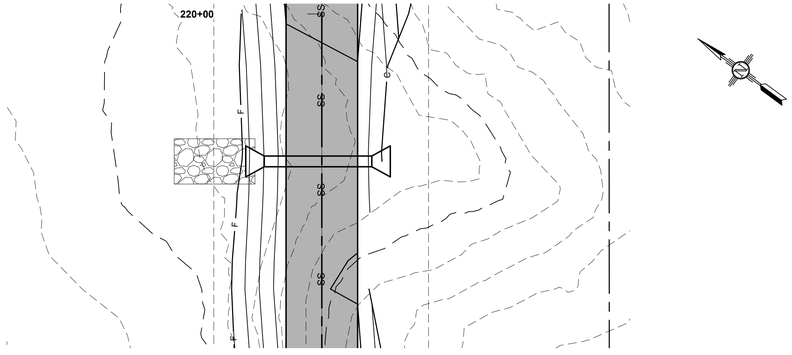


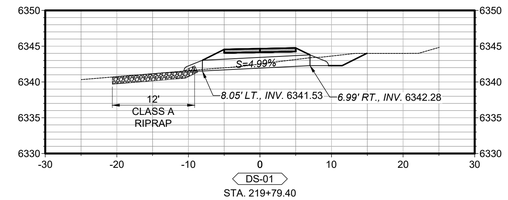


DS-04

STA. 302+42.18

BUILD 1-24"x14.0' CULVERT PIPE - NORMAL
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD RT., 12'Lx8'Wx1'

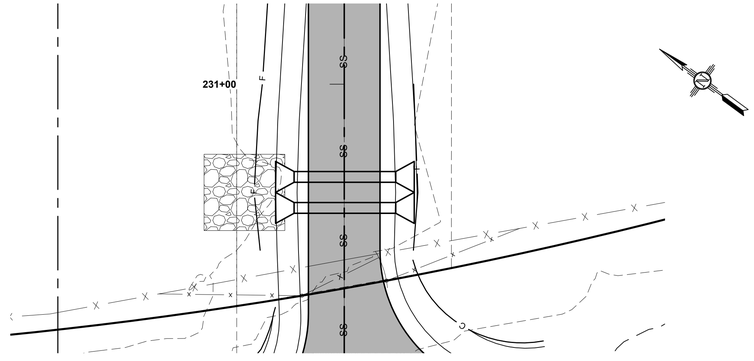


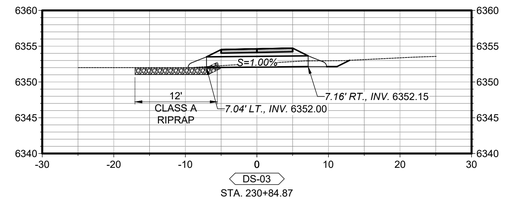


DS-01

STA. 219+79.40

BUILD 1-18"x15.1' CULVERT PIPE - NORMAL
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD LT., 12'Lx7'Wx1'





DS-03

STA. 230+84.87

BUILD 2-18"x14.2' CULVERT PIPES - NORMAL
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD LT., 12'Lx11'Wx1'

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SANTA FE, NEW MEXICO

ARROYO HONDO DE SANTA FE

OSHARA OFF-SITE UTILITIES
SANTA FE, NEW MEXICO
DRAINAGE STRUCTURE SECTIONS

RAYMOND J. SANCHEZ
NEW MEXICO
18738
11/26/25
PROFESSIONAL ENGINEER

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Designed	Drawn	Checked
JTN	SMA	MAN

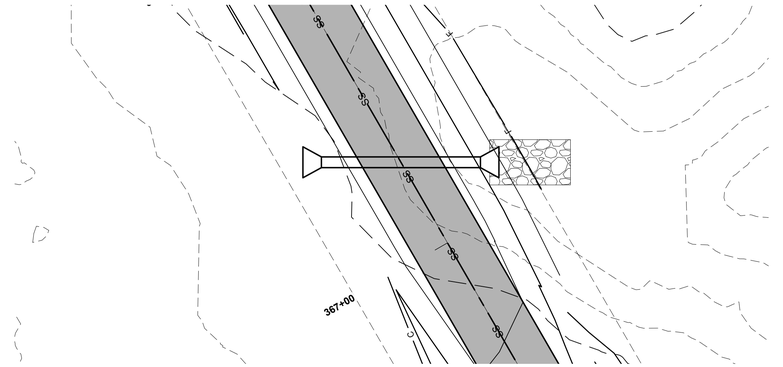
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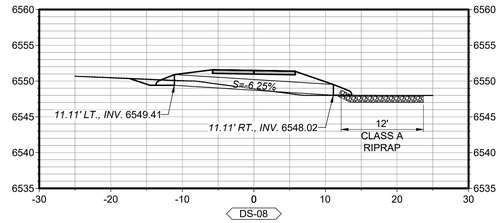
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Project No: 9230488

Sheet: RD-23

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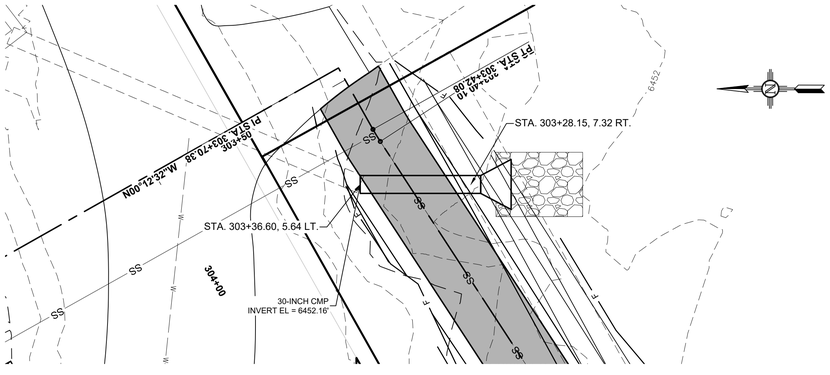


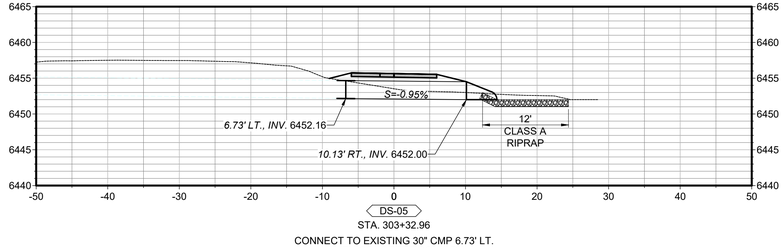


DS-08

STA. 367+13.01

BUILD 1-18"x22.2' CULVERT PIPE - SK.30°'00'00"LT.FWD.
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD RT. , 12'Lx7'Wx1'

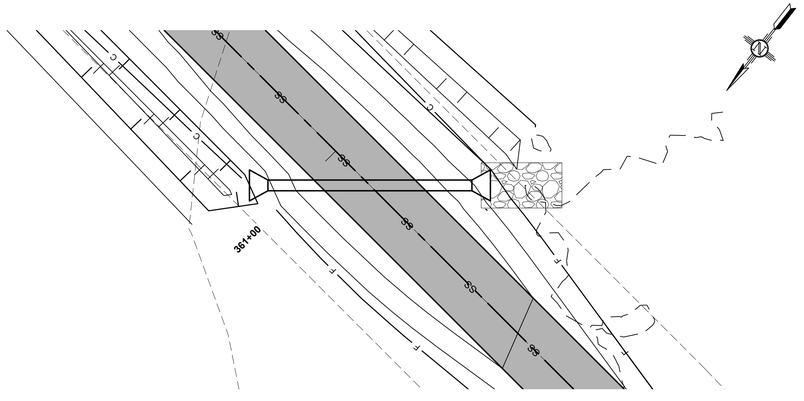


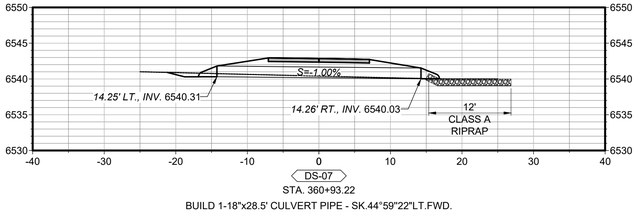


DS-05

STA. 303+32.96

CONNECT TO EXISTING 30" CMP 6.73' LT.
WITH CONCRETE COLLAR
PER N.M.D.O.T. STD. DWG. 515-01-2/2
BUILD 1-30"x16.84' CULVERT PIPE - SK.33°07'LT.FWD.
W/END SECTION RT.
BUILD EROSION CONTROL PAD RT. 12'Lx9'Wx1'





DS-07

STA. 360+93.22

BUILD 1-18"x28.5' CULVERT PIPE - SK.44°59'22"LT.FWD.
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD RT., 12'Lx7'Wx1'

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OSHARA OFF-SITE UTILITIES
SANTA FE, NEW MEXICO
DRAINAGE STRUCTURE SECTIONS

REGISTERED PROFESSIONAL ENGINEER
JOSEPH MOND J. SMITH
NEW MEXICO
18738
11/26/25

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Designed	Drawn	Checked
JTN	SMA	MAN

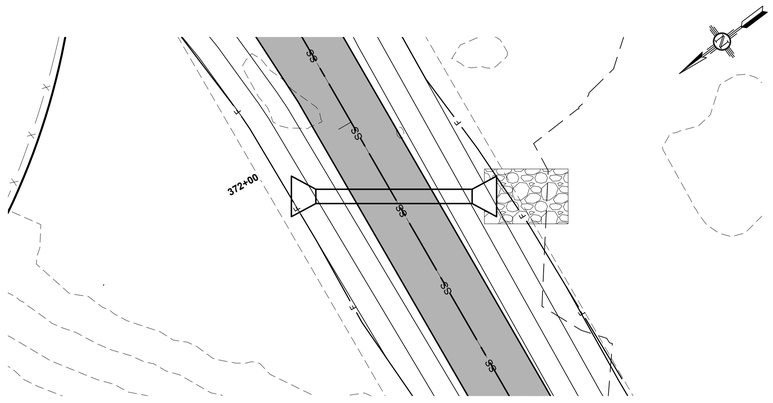
Date: November 2025

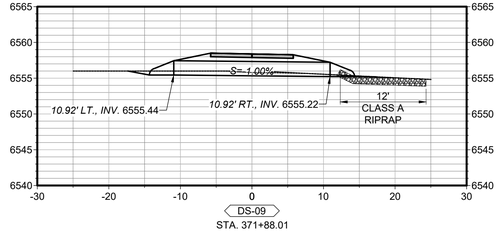
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Project No: 9230488

Sheet: RD-24

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STA. 371+88.01

BUILD 1-24"x21.8' CULVERT PIPE - SK.30°00'00"LT.FWD.
W/END SECTIONS LT. & RT.
BUILD EROSION CONTROL PAD RT., 12'Lx8'Wx1'

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OSHARA OFF-SITE UTILITIES
SANTA FE, NEW MEXICO
DRAINAGE STRUCTURE SECTIONS

RAYMOND J. SMITH NEW MEXICO 18738 PROFESSIONAL ENGINEER 11/26/25

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Designed	Drawn	Checked
JTN	SMA	MAN

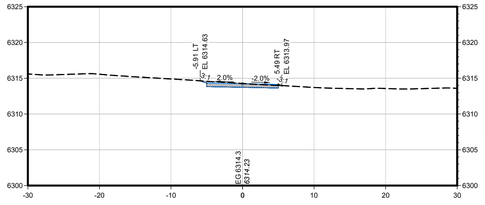
Date: November 2025

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Project No: 9230488

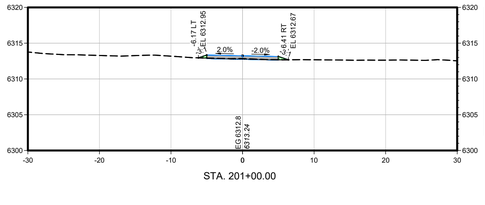
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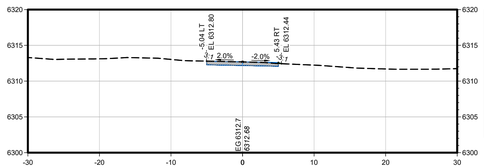
STA. 201+50.00

Total Volume at Station 201+50.00	
Cut Area	5.49
Fill Area	0.03
Cut Vol	5.63
Fill Vol	0.68
Cum Cut Vol	15.18
Cum Fill Vol	1.38
Net Vol	13.79



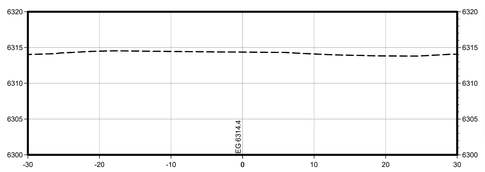
STA. 201+00.00

Total Volume at Station 201+00.00	
Cut Area	0.59
Fill Area	0.58
Cut Vol	5.05
Fill Vol	0.67
Cum Cut Vol	9.55
Cum Fill Vol	0.71
Net Vol	8.84



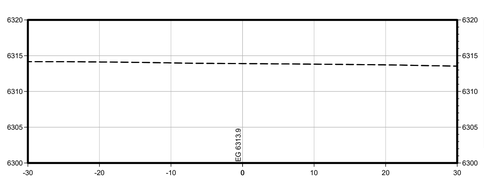
STA. 200+50.00

Total Volume at Station 200+50.00	
Cut Area	4.87
Fill Area	0.03
Cut Vol	4.49
Fill Vol	0.03
Cum Cut Vol	4.49
Cum Fill Vol	0.03
Net Vol	4.46



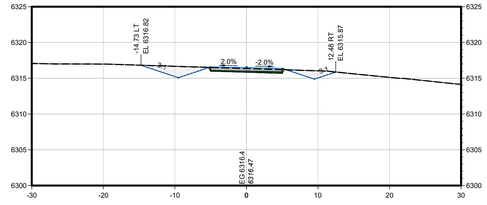
STA. 200+00.00

Total Volume at Station 200+00.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	0.00
Fill Vol	0.00
Cum Cut Vol	0.00
Cum Fill Vol	0.00
Net Vol	0.00



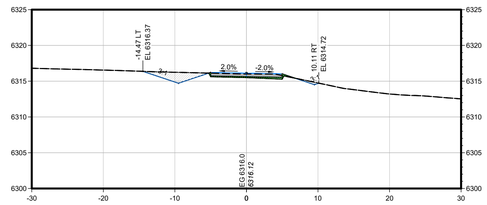
STA. 199+80.00

Total Volume at Station 199+80.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	0.00
Fill Vol	0.00
Cum Cut Vol	0.00
Cum Fill Vol	0.00
Net Vol	0.00



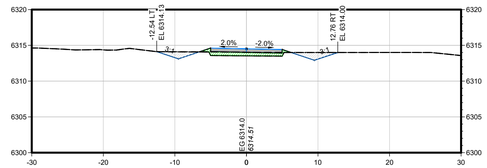
STA. 204+00.00

Total Volume at Station 204+00.00	
Cut Area	11.64
Fill Area	1.42
Cut Vol	17.71
Fill Vol	3.50
Cum Cut Vol	213.09
Cum Fill Vol	19.16
Net Vol	193.93



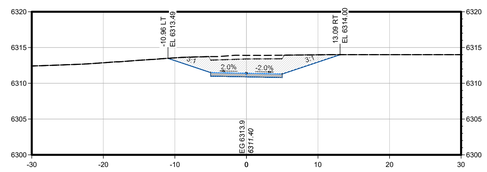
STA. 203+50.00

Total Volume at Station 203+50.00	
Cut Area	7.48
Fill Area	1.73
Cut Vol	12.92
Fill Vol	8.08
Cum Cut Vol	195.38
Cum Fill Vol	15.66
Net Vol	179.72



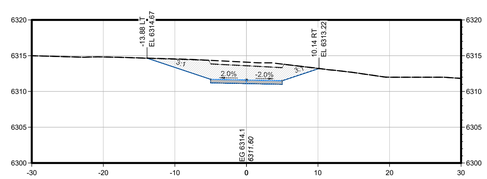
STA. 203+00.00

Total Volume at Station 203+00.00	
Cut Area	6.47
Fill Area	5.54
Cut Vol	44.86
Fill Vol	6.15
Cum Cut Vol	182.46
Cum Fill Vol	7.58
Net Vol	174.88



STA. 202+50.00

Total Volume at Station 202+50.00	
Cut Area	41.98
Fill Area	0.00
Cut Vol	78.10
Fill Vol	0.00
Cum Cut Vol	137.60
Cum Fill Vol	1.43
Net Vol	136.17



STA. 202+00.00

Total Volume at Station 202+00.00	
Cut Area	42.37
Fill Area	0.00
Cut Vol	44.32
Fill Vol	0.04
Cum Cut Vol	59.49
Cum Fill Vol	1.42
Net Vol	58.07

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SR-14 INTERCEPTOR ROAD
SEGMENT 1 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19478
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

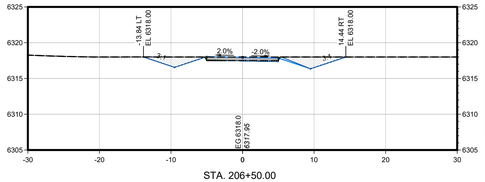
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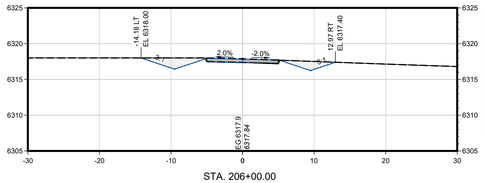
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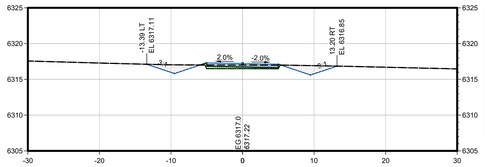
STA. 206+50.00

Total Volume at Station 206+50.00	
Cut Area	14.21
Fill Area	0.18
Cut Vol	24.82
Fill Vol	0.39
Cum Cut Vol	324.81
Cum Fill Vol	31.02
Net Vol	293.79



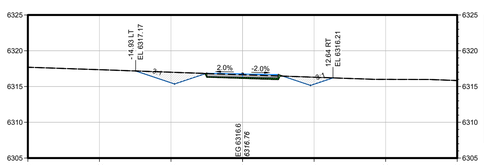
STA. 206+00.00

Total Volume at Station 206+00.00	
Cut Area	12.59
Fill Area	0.17
Cut Vol	20.57
Fill Vol	2.94
Cum Cut Vol	299.99
Cum Fill Vol	30.63
Net Vol	269.36



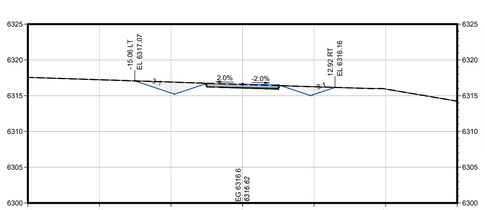
STA. 205+50.00

Total Volume at Station 205+50.00	
Cut Area	9.62
Fill Area	2.47
Cut Vol	20.03
Fill Vol	4.21
Cum Cut Vol	279.42
Cum Fill Vol	27.70
Net Vol	251.73



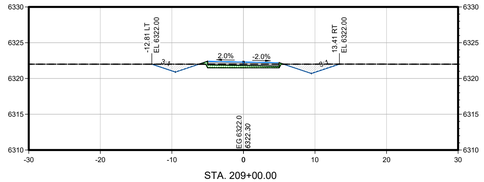
STA. 205+00.00

Total Volume at Station 205+00.00	
Cut Area	12.01
Fill Area	1.32
Cut Vol	23.32
Fill Vol	2.11
Cum Cut Vol	259.40
Cum Fill Vol	23.49
Net Vol	235.91



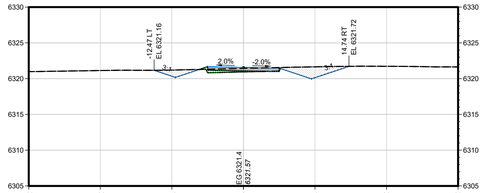
STA. 204+50.00

Total Volume at Station 204+50.00	
Cut Area	13.18
Fill Area	0.58
Cut Vol	22.99
Fill Vol	2.22
Cum Cut Vol	236.08
Cum Fill Vol	21.38
Net Vol	214.70



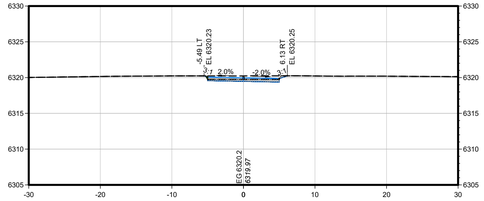
STA. 209+00.00

Total Volume at Station 209+00.00	
Cut Area	8.74
Fill Area	3.40
Cut Vol	18.87
Fill Vol	5.70
Cum Cut Vol	373.46
Cum Fill Vol	41.28
Net Vol	332.18



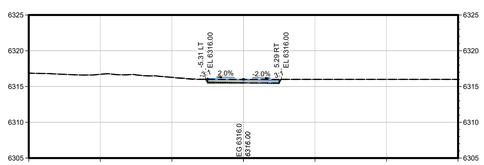
STA. 208+50.00

Total Volume at Station 208+50.00	
Cut Area	11.64
Fill Area	1.73
Cut Vol	13.41
Fill Vol	1.96
Cum Cut Vol	354.59
Cum Fill Vol	35.58
Net Vol	319.01



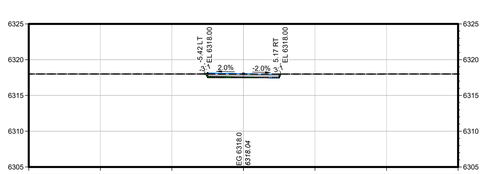
STA. 208+00.00

Total Volume at Station 208+00.00	
Cut Area	2.84
Fill Area	0.04
Cut Vol	2.86
Fill Vol	0.47
Cum Cut Vol	341.18
Cum Fill Vol	33.62
Net Vol	307.56



STA. 207+50.00

Total Volume at Station 207+50.00	
Cut Area	0.24
Fill Area	0.39
Cut Vol	0.29
Fill Vol	1.18
Cum Cut Vol	338.33
Cum Fill Vol	33.15
Net Vol	305.18



STA. 207+00.00

Total Volume at Station 207+00.00	
Cut Area	0.07
Fill Area	0.68
Cut Vol	13.22
Fill Vol	0.95
Cum Cut Vol	338.04
Cum Fill Vol	31.97
Net Vol	306.07

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SEGMENT 1 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

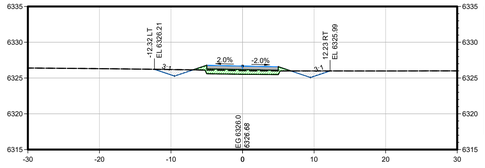
Date: November 2025

Scale: Horiz: 1" = 10'
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Project No: 9230488

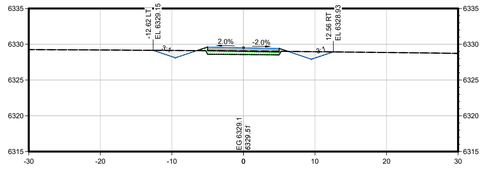
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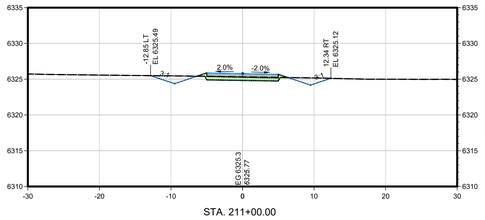
STA. 211+50.00

Total Volume at Station 211+50.00	
Cut Area	4.92
Fill Area	7.66
Cut Vol	10.57
Fill Vol	14.36
Cum Cut Vol	435.12
Cum Fill Vol	101.01
Net Vol	334.11



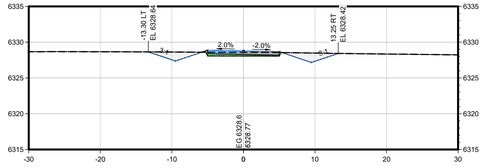
STA. 214+00.00

Total Volume at Station 214+00.00	
Cut Area	6.45
Fill Area	5.25
Cut Vol	15.10
Fill Vol	8.33
Cum Cut Vol	502.19
Cum Fill Vol	150.58
Net Vol	351.61



STA. 211+00.00

Total Volume at Station 211+00.00	
Cut Area	6.50
Fill Area	5.26
Cut Vol	11.10
Fill Vol	13.16
Cum Cut Vol	424.55
Cum Fill Vol	86.65
Net Vol	337.90



STA. 213+50.00

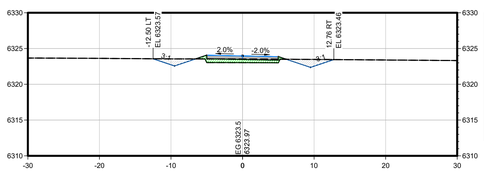
Total Volume at Station 213+50.00	
Cut Area	9.85
Fill Area	2.25
Cut Vol	15.89
Fill Vol	7.63
Cum Cut Vol	487.10
Cum Fill Vol	142.25
Net Vol	344.84

STA. 210+50.00

Total Volume at Station 210+50.00	
Cut Area	5.49
Fill Area	6.59
Cut Vol	11.19
Fill Vol	13.02
Cum Cut Vol	413.45
Cum Fill Vol	73.48
Net Vol	339.96

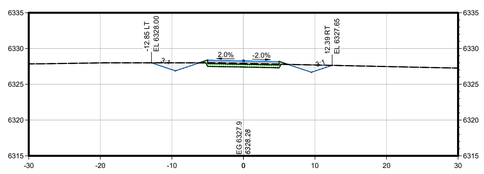
STA. 213+00.00

Total Volume at Station 213+00.00	
Cut Area	7.31
Fill Area	4.62
Cut Vol	13.19
Fill Vol	9.89
Cum Cut Vol	471.21
Cum Fill Vol	134.62
Net Vol	336.58



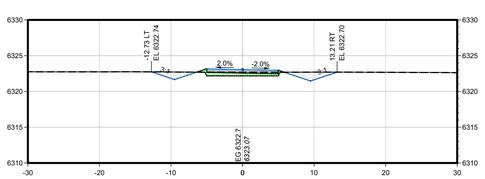
STA. 210+00.00

Total Volume at Station 210+00.00	
Cut Area	6.60
Fill Area	5.13
Cut Vol	13.41
Fill Vol	10.55
Cum Cut Vol	402.25
Cum Fill Vol	60.46
Net Vol	341.79



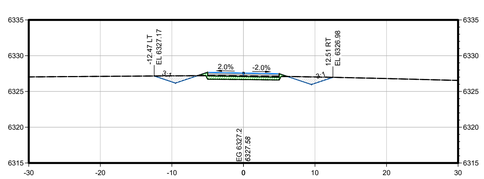
STA. 212+50.00

Total Volume at Station 212+50.00	
Cut Area	6.93
Fill Area	4.28
Cut Vol	12.38
Fill Vol	9.98
Cum Cut Vol	458.02
Cum Fill Vol	124.74
Net Vol	333.28



STA. 209+50.00

Total Volume at Station 209+50.00	
Cut Area	7.88
Fill Area	4.37
Cut Vol	15.39
Fill Vol	8.63
Cum Cut Vol	388.84
Cum Fill Vol	49.91
Net Vol	338.93



STA. 212+00.00

Total Volume at Station 212+00.00	
Cut Area	6.44
Fill Area	4.71
Cut Vol	10.52
Fill Vol	13.75
Cum Cut Vol	445.64
Cum Fill Vol	114.75
Net Vol	330.89

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11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

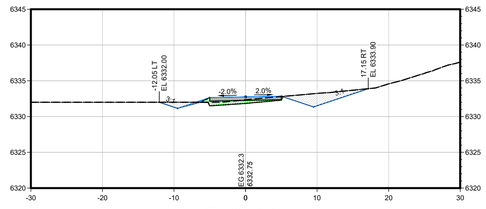
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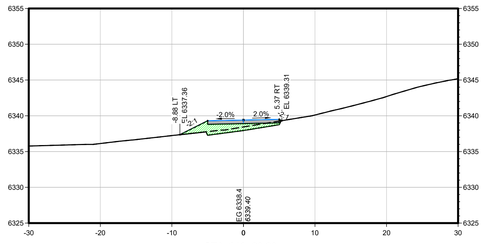
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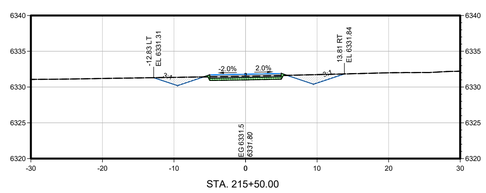
STA. 216+00.00

Total Volume at Station 216+00.00	
Cut Area	13.40
Fill Area	4.34
Cut Vol	21.02
Fill Vol	8.39
Cum Cut Vol	564.16
Cum Fill Vol	189.31
Net Vol	374.85



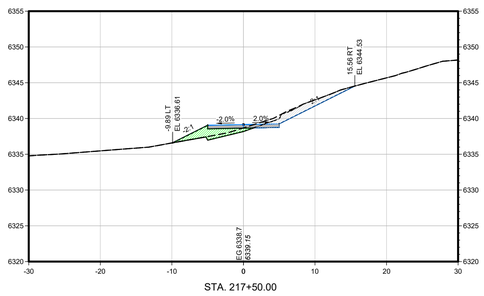
STA. 218+00.00

Total Volume at Station 218+00.00	
Cut Area	0.00
Fill Area	12.36
Cut Vol	9.17
Fill Vol	24.10
Cum Cut Vol	594.91
Cum Fill Vol	268.10
Net Vol	326.82



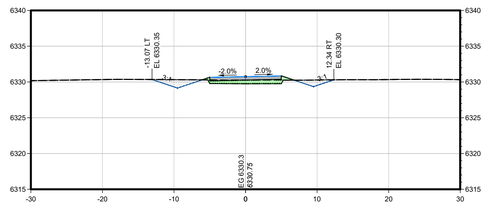
STA. 215+50.00

Total Volume at Station 215+50.00	
Cut Area	9.30
Fill Area	3.21
Cut Vol	14.74
Fill Vol	9.87
Cum Cut Vol	543.14
Cum Fill Vol	180.93
Net Vol	362.21



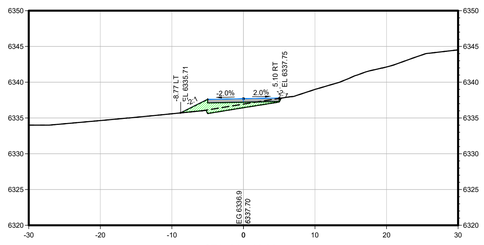
STA. 217+50.00

Total Volume at Station 217+50.00	
Cut Area	9.90
Fill Area	9.34
Cut Vol	9.17
Fill Vol	22.10
Cum Cut Vol	585.75
Cum Fill Vol	243.99
Net Vol	341.75



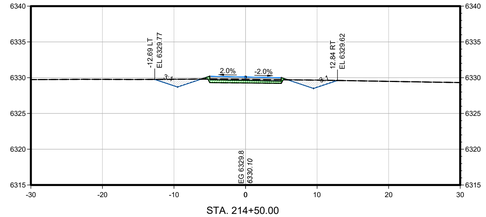
STA. 215+00.00

Total Volume at Station 215+00.00	
Cut Area	6.62
Fill Area	5.67
Cut Vol	13.17
Fill Vol	10.48
Cum Cut Vol	528.40
Cum Fill Vol	171.06
Net Vol	357.34



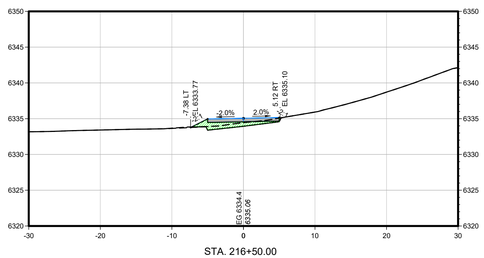
STA. 217+00.00

Total Volume at Station 217+00.00	
Cut Area	0.00
Fill Area	10.56
Cut Vol	0.01
Fill Vol	19.74
Cum Cut Vol	576.58
Cum Fill Vol	221.89
Net Vol	354.69



STA. 214+50.00

Total Volume at Station 214+50.00	
Cut Area	7.60
Fill Area	3.76
Cut Vol	13.04
Fill Vol	10.00
Cum Cut Vol	515.24
Cum Fill Vol	160.58
Net Vol	354.66



STA. 216+50.00

Total Volume at Station 216+50.00	
Cut Area	0.01
Fill Area	7.21
Cut Vol	12.42
Fill Vol	12.83
Cum Cut Vol	576.57
Cum Fill Vol	202.15
Net Vol	374.43

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NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

Date: November 2025

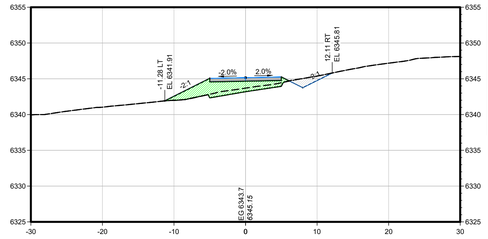
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Project No: 9230488

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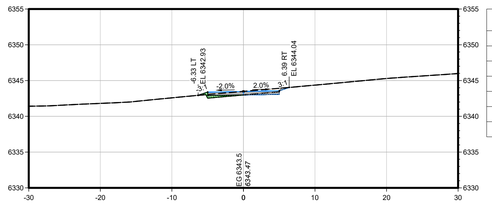
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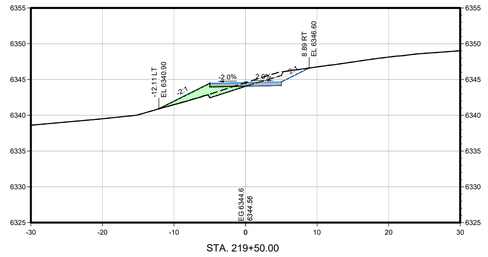
STA. 220+00.00

Total Volume at Station 220+00.00	
Cut Area	3.76
Fill Area	23.11
Cut Vol	9.15
Fill Vol	36.12
Cum Cut Vol	624.07
Cum Fill Vol	369.60
Net Vol	254.47



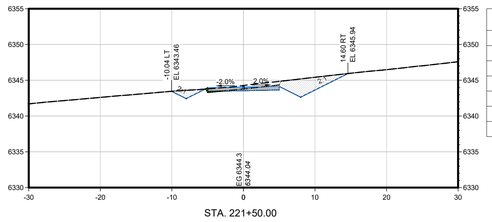
STA. 222+00.00

Total Volume at Station 222+00.00	
Cut Area	1.07
Fill Area	1.06
Cut Vol	18.31
Fill Vol	1.42
Cum Cut Vol	663.50
Cum Fill Vol	523.55
Net Vol	139.95



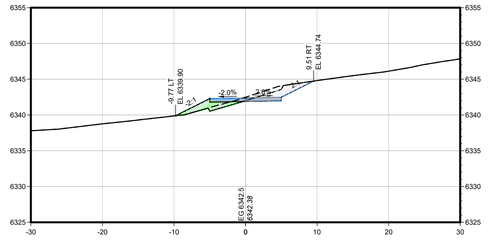
STA. 219+50.00

Total Volume at Station 219+50.00	
Cut Area	6.12
Fill Area	9.40
Cut Vol	12.84
Fill Vol	17.46
Cum Cut Vol	614.92
Cum Fill Vol	333.48
Net Vol	281.45



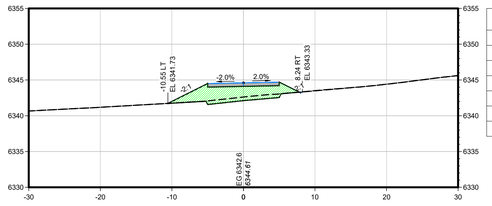
STA. 221+50.00

Total Volume at Station 221+50.00	
Cut Area	18.71
Fill Area	0.22
Cut Vol	17.35
Fill Vol	32.91
Cum Cut Vol	645.18
Cum Fill Vol	522.13
Net Vol	123.06



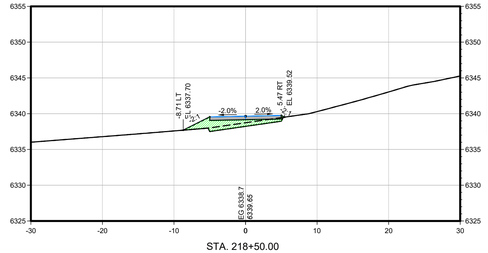
STA. 219+00.00

Total Volume at Station 219+00.00	
Cut Area	7.74
Fill Area	6.31
Cut Vol	7.17
Fill Vol	20.60
Cum Cut Vol	602.08
Cum Fill Vol	316.02
Net Vol	286.06



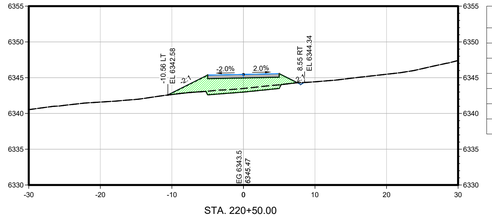
STA. 221+00.00

Total Volume at Station 221+00.00	
Cut Area	0.03
Fill Area	29.39
Cut Vol	0.15
Fill Vol	63.30
Cum Cut Vol	627.83
Cum Fill Vol	489.22
Net Vol	138.61



STA. 218+50.00

Total Volume at Station 218+50.00	
Cut Area	0.00
Fill Area	12.23
Cut Vol	0.00
Fill Vol	27.32
Cum Cut Vol	594.91
Cum Fill Vol	295.42
Net Vol	299.49



STA. 220+50.00

Total Volume at Station 220+50.00	
Cut Area	0.13
Fill Area	27.58
Cut Vol	3.61
Fill Vol	56.32
Cum Cut Vol	627.68
Cum Fill Vol	425.92
Net Vol	201.76

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Designed	Drawn	Checked
JTN	SMA	MAN

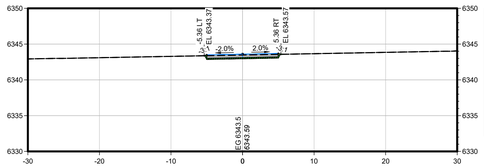
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Project No: 9230488

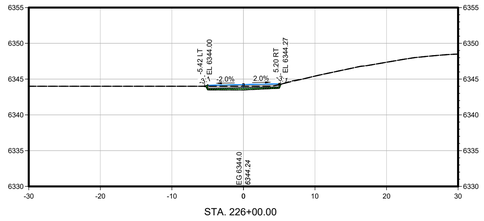
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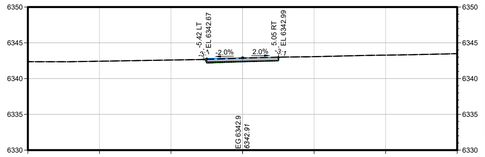
STA. 224+00.00

Total Volume at Station 224+00.00	
Cut Area	0.00
Fill Area	1.37
Cut Vol	0.00
Fill Vol	2.33
Cum Cut Vol	670.75
Cum Fill Vol	530.20
Net Vol	140.54



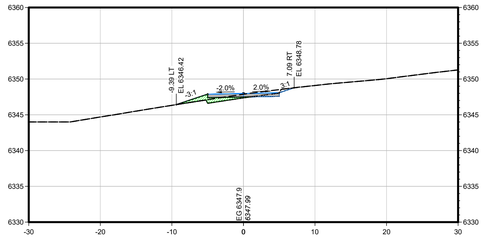
STA. 226+00.00

Total Volume at Station 226+00.00	
Cut Area	0.00
Fill Area	2.01
Cut Vol	1.16
Fill Vol	6.69
Cum Cut Vol	673.10
Cum Fill Vol	550.31
Net Vol	122.80



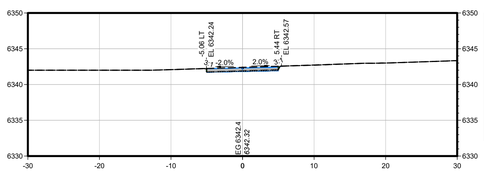
STA. 223+50.00

Total Volume at Station 223+50.00	
Cut Area	0.00
Fill Area	0.73
Cut Vol	0.73
Fill Vol	0.88
Cum Cut Vol	670.75
Cum Fill Vol	527.87
Net Vol	142.88



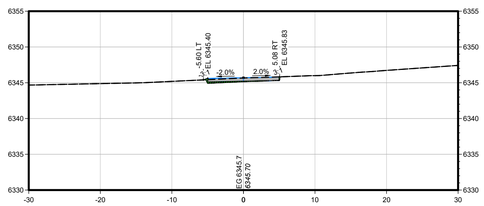
STA. 225+50.00

Total Volume at Station 225+50.00	
Cut Area	1.25
Fill Area	4.01
Cut Vol	1.18
Fill Vol	5.26
Cum Cut Vol	671.94
Cum Fill Vol	543.62
Net Vol	128.33



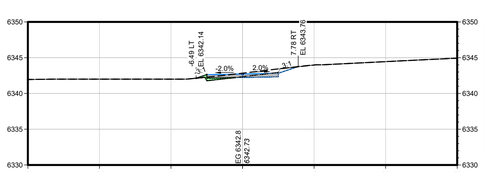
STA. 223+00.00

Total Volume at Station 223+00.00	
Cut Area	0.79
Fill Area	0.06
Cut Vol	3.13
Fill Vol	1.17
Cum Cut Vol	670.02
Cum Fill Vol	526.98
Net Vol	143.03



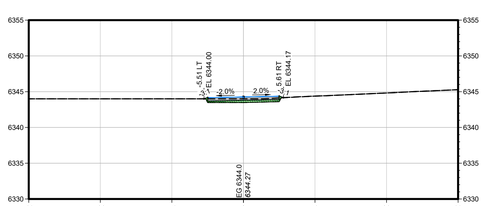
STA. 225+00.00

Total Volume at Station 225+00.00	
Cut Area	0.02
Fill Area	0.72
Cut Vol	0.02
Fill Vol	3.72
Cum Cut Vol	670.77
Cum Fill Vol	538.36
Net Vol	132.41



STA. 222+50.00

Total Volume at Station 222+50.00	
Cut Area	2.59
Fill Area	0.99
Cut Vol	3.39
Fill Vol	2.27
Cum Cut Vol	666.88
Cum Fill Vol	525.82
Net Vol	141.07



STA. 224+50.00

Total Volume at Station 224+50.00	
Cut Area	0.00
Fill Area	2.63
Cut Vol	0.00
Fill Vol	4.44
Cum Cut Vol	670.75
Cum Fill Vol	534.64
Net Vol	136.10

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SR-14 INTERCEPTOR ROAD
SEGMENT 1 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

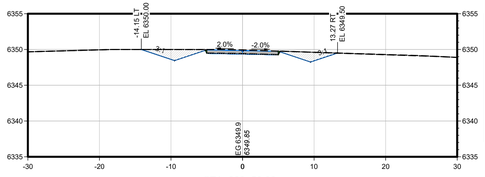
Date: November 2025

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Project No: 9230488

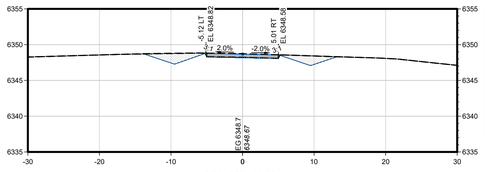
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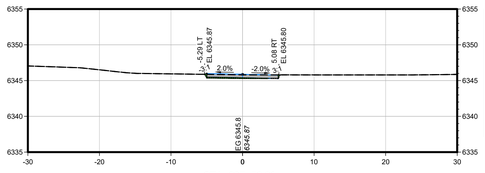
STA. 228+50.00

Total Volume at Station 228+50.00	
Cut Area	13.38
Fill Area	0.09
Cut Vol	23.82
Fill Vol	0.23
Cum Cut Vol	708.46
Cum Fill Vol	555.31
Net Vol	153.16



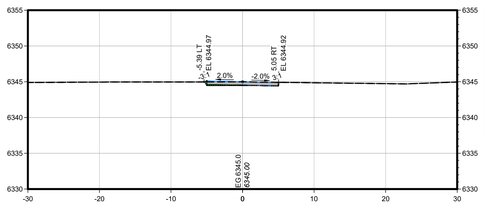
STA. 228+00.00

Total Volume at Station 228+00.00	
Cut Area	12.35
Fill Area	0.11
Cut Vol	11.45
Fill Vol	0.84
Cum Cut Vol	684.64
Cum Fill Vol	555.08
Net Vol	129.57



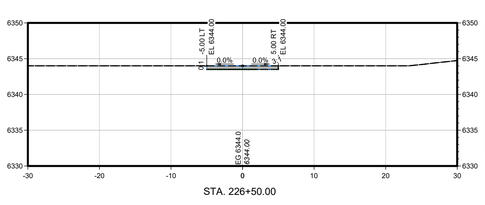
STA. 227+50.00

Total Volume at Station 227+50.00	
Cut Area	0.02
Fill Area	0.65
Cut Vol	0.05
Fill Vol	1.21
Cum Cut Vol	673.19
Cum Fill Vol	554.23
Net Vol	118.96



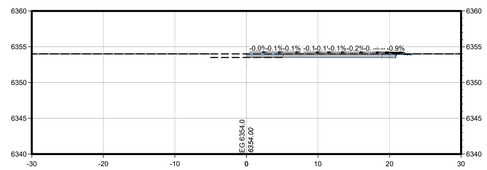
STA. 227+00.00

Total Volume at Station 227+00.00	
Cut Area	0.04
Fill Area	0.44
Cut Vol	0.03
Fill Vol	0.49
Cum Cut Vol	673.14
Cum Fill Vol	553.02
Net Vol	120.11



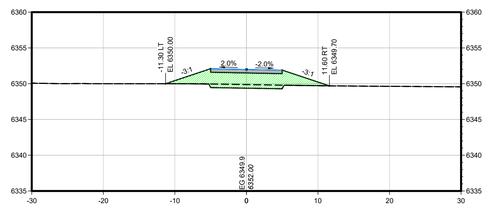
STA. 226+50.00

Total Volume at Station 226+50.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	0.00
Fill Vol	2.23
Cum Cut Vol	673.10
Cum Fill Vol	552.53
Net Vol	120.57



STA. 229+44.05

Total Volume at Station 229+44.05	
Cut Area	8.25
Fill Area	0.00
Cut Vol	6.73
Fill Vol	34.18
Cum Cut Vol	727.58
Cum Fill Vol	628.38
Net Vol	99.20



STA. 229+00.00

Total Volume at Station 229+00.00	
Cut Area	0.00
Fill Area	34.91
Cut Vol	12.39
Fill Vol	38.90
Cum Cut Vol	720.85
Cum Fill Vol	594.21
Net Vol	126.65

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19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

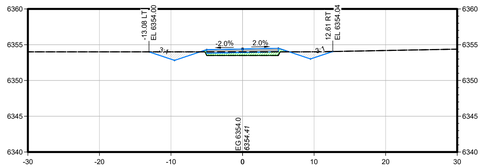
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Project No: 9230488

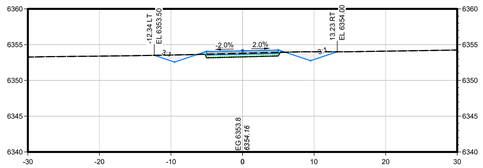
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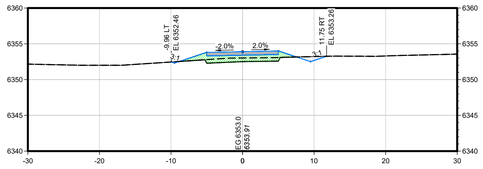
STA. 232+50.00

Total Volume at Station 232+50.00	
Cut Area	7.28
Fill Area	4.75
Cut Vol	13.75
Fill Vol	9.98
Cum Cut Vol	31.36
Cum Fill Vol	104.95
Net Vol	-73.60



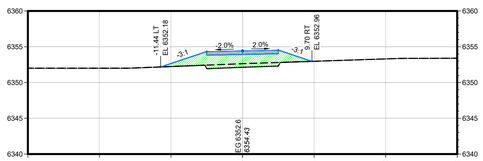
STA. 232+00.00

Total Volume at Station 232+00.00	
Cut Area	7.57
Fill Area	4.23
Cut Vol	8.46
Fill Vol	18.62
Cum Cut Vol	17.61
Cum Fill Vol	94.97
Net Vol	-77.37



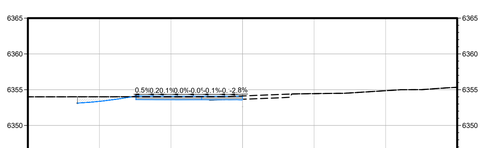
STA. 231+50.00

Total Volume at Station 231+50.00	
Cut Area	1.57
Fill Area	12.52
Cut Vol	1.46
Fill Vol	45.35
Cum Cut Vol	9.14
Cum Fill Vol	76.36
Net Vol	-67.21



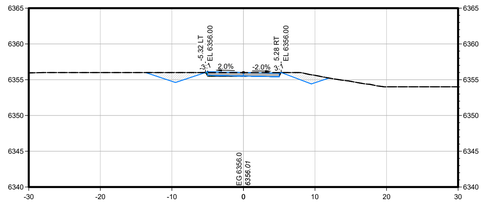
STA. 231+00.00

Total Volume at Station 231+00.00	
Cut Area	0.00
Fill Area	28.30
Cut Vol	7.69
Fill Vol	31.00
Cum Cut Vol	7.69
Cum Fill Vol	31.00
Net Vol	-23.32



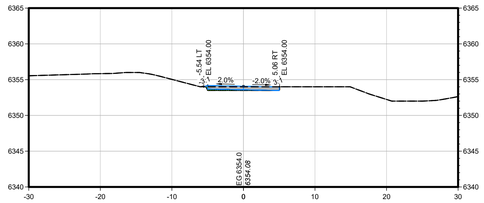
STA. 230+50.75

Total Volume at Station 230+50.75	
Cut Area	8.43
Fill Area	0.03
Cut Vol	0.00
Fill Vol	0.00
Cum Cut Vol	0.00
Cum Fill Vol	0.00
Net Vol	0.00



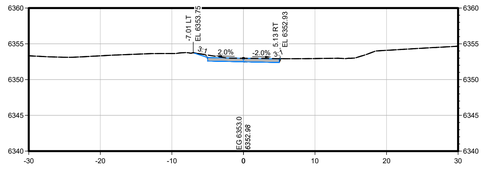
STA. 235+00.00

Total Volume at Station 235+00.00	
Cut Area	10.72
Fill Area	0.42
Cut Vol	9.93
Fill Vol	1.52
Cum Cut Vol	66.05
Cum Fill Vol	127.20
Net Vol	-61.16



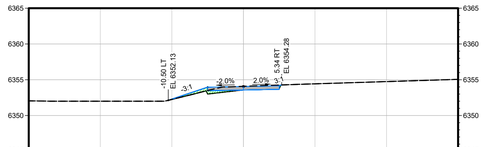
STA. 234+50.00

Total Volume at Station 234+50.00	
Cut Area	0.01
Fill Area	0.95
Cut Vol	1.16
Fill Vol	1.11
Cum Cut Vol	56.11
Cum Fill Vol	125.68
Net Vol	-69.57



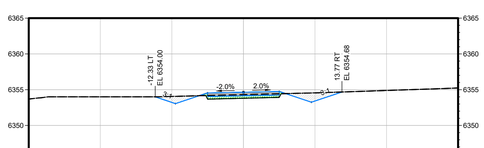
STA. 234+00.00

Total Volume at Station 234+00.00	
Cut Area	1.24
Fill Area	0.05
Cut Vol	1.44
Fill Vol	2.84
Cum Cut Vol	54.95
Cum Fill Vol	124.57
Net Vol	-69.62



STA. 233+50.00

Total Volume at Station 233+50.00	
Cut Area	0.31
Fill Area	2.50
Cut Vol	7.85
Fill Vol	7.14
Cum Cut Vol	53.51
Cum Fill Vol	121.73
Net Vol	-68.22



STA. 233+00.00

Total Volume at Station 233+00.00	
Cut Area	8.17
Fill Area	3.93
Cut Vol	14.30
Fill Vol	9.64
Cum Cut Vol	45.66
Cum Fill Vol	114.59
Net Vol	-68.93

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2 CROSS SECTIONS

MATTHEW A. NIGHBERT — NEW MEXICO — 19479 — PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

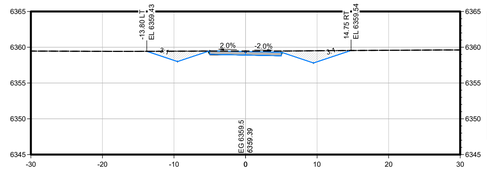
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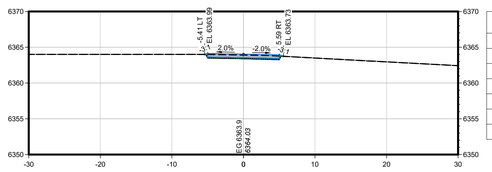
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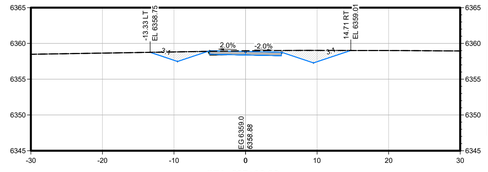
STA. 237+50.00

Total Volume at Station 237+50.00	
Cut Area	15.70
Fill Area	0.11
Cut Vol	28.71
Fill Vol	0.33
Cum Cut Vol	179.37
Cum Fill Vol	135.51
Net Vol	43.86



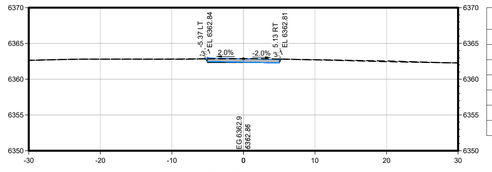
STA. 240+00.00

Total Volume at Station 240+00.00	
Cut Area	0.00
Fill Area	1.60
Cut Vol	0.10
Fill Vol	2.26
Cum Cut Vol	207.01
Cum Fill Vol	155.19
Net Vol	51.82



STA. 237+00.00

Total Volume at Station 237+00.00	
Cut Area	15.31
Fill Area	0.19
Cut Vol	24.56
Fill Vol	1.80
Cum Cut Vol	150.67
Cum Fill Vol	135.18
Net Vol	15.49



STA. 239+50.00

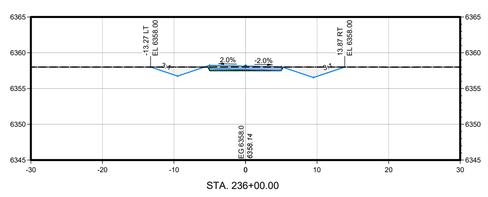
Total Volume at Station 239+50.00	
Cut Area	0.11
Fill Area	0.43
Cut Vol	0.10
Fill Vol	0.59
Cum Cut Vol	206.90
Cum Fill Vol	152.93
Net Vol	53.97

STA. 236+50.00

Total Volume at Station 236+50.00	
Cut Area	11.22
Fill Area	1.43
Cut Vol	20.66
Fill Vol	3.42
Cum Cut Vol	126.10
Cum Fill Vol	133.38
Net Vol	-7.27

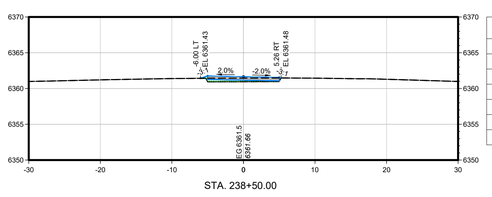
STA. 239+00.00

Total Volume at Station 239+00.00	
Cut Area	0.00
Fill Area	0.10
Cut Vol	0.00
Fill Vol	2.73
Cum Cut Vol	206.80
Cum Fill Vol	152.34
Net Vol	54.46



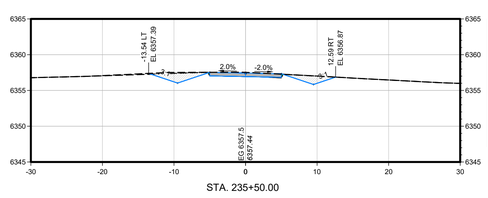
STA. 236+00.00

Total Volume at Station 236+00.00	
Cut Area	11.09
Fill Area	1.65
Cut Vol	19.87
Fill Vol	2.06
Cum Cut Vol	105.44
Cum Fill Vol	129.96
Net Vol	-24.51



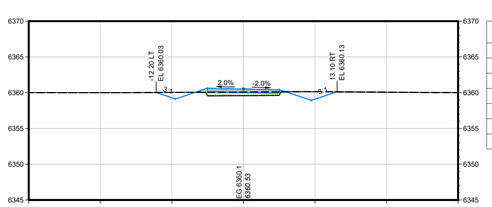
STA. 238+50.00

Total Volume at Station 238+50.00	
Cut Area	0.00
Fill Area	2.36
Cut Vol	6.44
Fill Vol	8.30
Cum Cut Vol	206.80
Cum Fill Vol	149.61
Net Vol	57.19



STA. 235+50.00

Total Volume at Station 235+50.00	
Cut Area	10.37
Fill Area	0.20
Cut Vol	19.52
Fill Vol	0.69
Cum Cut Vol	85.57
Cum Fill Vol	127.90
Net Vol	-42.33



STA. 238+00.00

Total Volume at Station 238+00.00	
Cut Area	6.96
Fill Area	5.11
Cut Vol	20.98
Fill Vol	5.80
Cum Cut Vol	200.35
Cum Fill Vol	141.31
Net Vol	59.04

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2 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

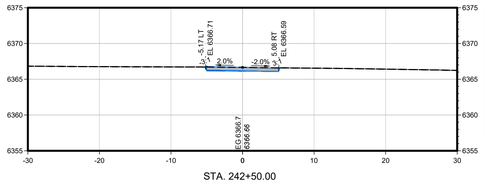
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Project No: 9230488

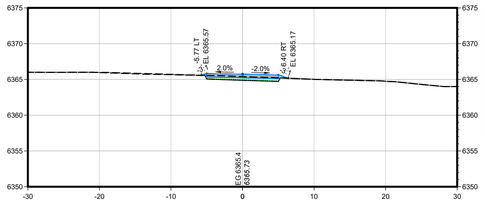
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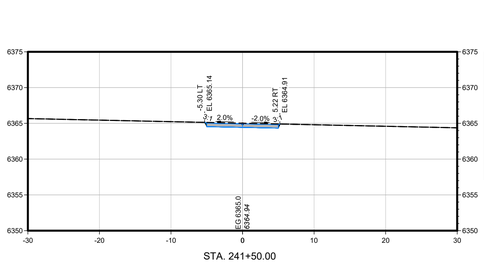
STA. 242+50.00

Total Volume at Station 242+50.00	
Cut Area	0.06
Fill Area	0.24
Cut Vol	0.06
Fill Vol	4.64
Cum Cut Vol	208.82
Cum Fill Vol	178.36
Net Vol	30.46



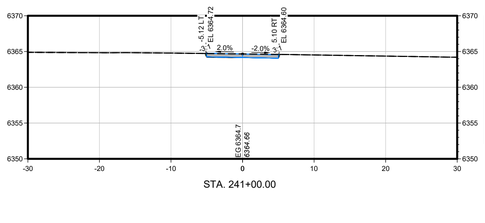
STA. 242+00.00

Total Volume at Station 242+00.00	
Cut Area	0.00
Fill Area	3.93
Cut Vol	0.79
Fill Vol	4.48
Cum Cut Vol	208.76
Cum Fill Vol	173.72
Net Vol	35.04



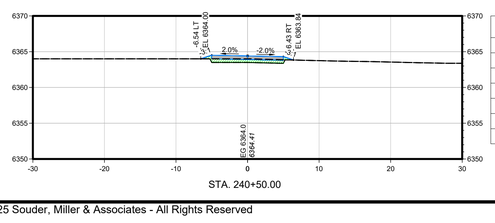
STA. 241+50.00

Total Volume at Station 241+50.00	
Cut Area	0.85
Fill Area	0.10
Cut Vol	0.88
Fill Vol	0.33
Cum Cut Vol	207.97
Cum Fill Vol	169.24
Net Vol	38.73



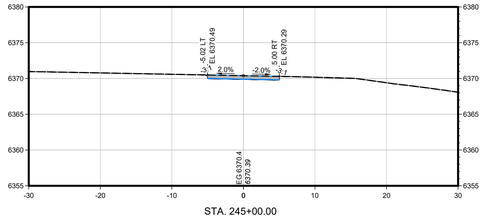
STA. 241+00.00

Total Volume at Station 241+00.00	
Cut Area	0.09
Fill Area	0.19
Cut Vol	0.09
Fill Vol	6.08
Cum Cut Vol	207.10
Cum Fill Vol	168.92
Net Vol	38.18



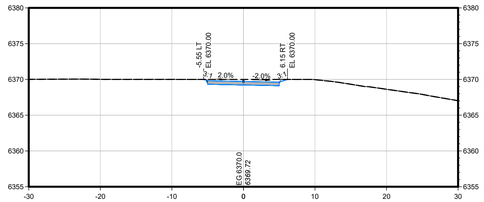
STA. 240+50.00

Total Volume at Station 240+50.00	
Cut Area	0.00
Fill Area	5.28
Cut Vol	0.00
Fill Vol	7.65
Cum Cut Vol	207.01
Cum Fill Vol	162.84
Net Vol	44.17



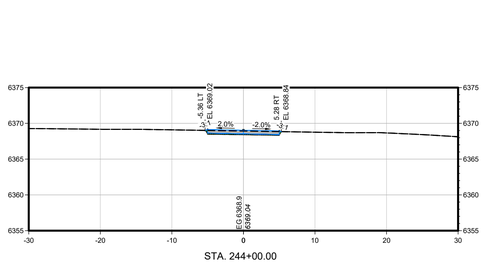
STA. 245+00.00

Total Volume at Station 245+00.00	
Cut Area	0.00
Fill Area	0.05
Cut Vol	2.81
Fill Vol	0.10
Cum Cut Vol	215.81
Cum Fill Vol	190.83
Net Vol	24.98



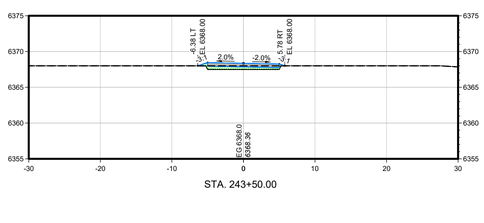
STA. 244+50.00

Total Volume at Station 244+50.00	
Cut Area	3.03
Fill Area	0.03
Cut Vol	2.81
Fill Vol	1.42
Cum Cut Vol	213.01
Cum Fill Vol	190.73
Net Vol	22.27



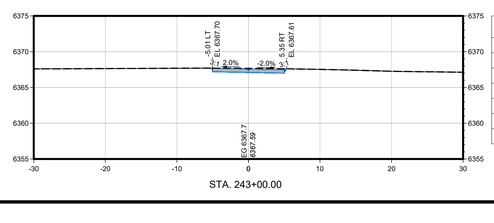
STA. 244+00.00

Total Volume at Station 244+00.00	
Cut Area	0.00
Fill Area	1.24
Cut Vol	0.00
Fill Vol	5.98
Cum Cut Vol	210.20
Cum Fill Vol	189.32
Net Vol	20.88



STA. 243+50.00

Total Volume at Station 243+50.00	
Cut Area	0.00
Fill Area	4.14
Cut Vol	0.66
Fill Vol	4.65
Cum Cut Vol	210.20
Cum Fill Vol	183.33
Net Vol	26.86



STA. 243+00.00

Total Volume at Station 243+00.00	
Cut Area	0.71
Fill Area	0.05
Cut Vol	0.72
Fill Vol	0.33
Cum Cut Vol	209.54
Cum Fill Vol	178.68
Net Vol	30.86

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MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

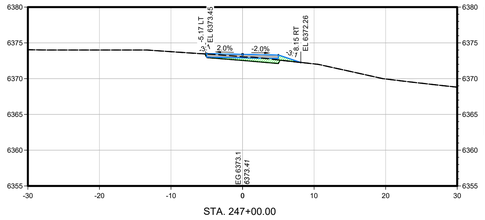
Date: November 2025

Scale: Horiz: 1" = 10'
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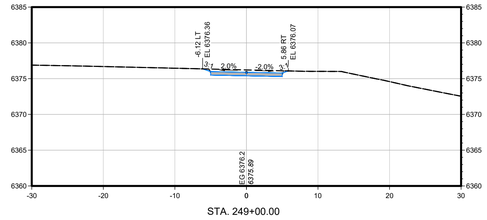
Project No: 9230488

Sheet: RD-35

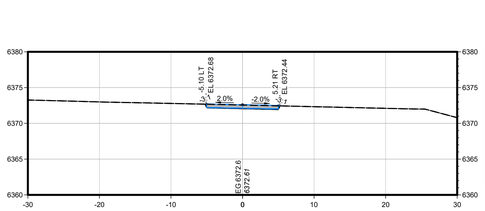
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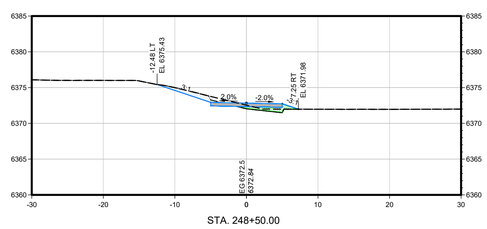
Total Volume at Station 247+00.00	
Cut Area	0.00
Fill Area	4.87
Cut Vol	0.00
Fill Vol	6.10
Cum Cut Vol	218.90
Cum Fill Vol	198.39
Net Vol	20.51



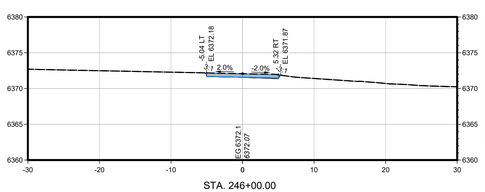
Total Volume at Station 249+00.00	
Cut Area	3.49
Fill Area	0.02
Cut Vol	8.20
Fill Vol	4.01
Cum Cut Vol	235.40
Cum Fill Vol	216.86
Net Vol	18.54



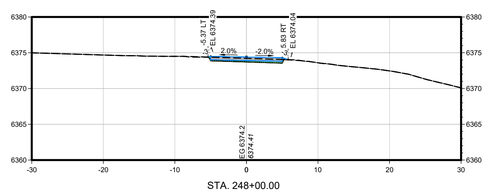
Total Volume at Station 246+50.00	
Cut Area	0.00
Fill Area	0.63
Cut Vol	0.04
Fill Vol	0.95
Cum Cut Vol	218.90
Cum Fill Vol	192.28
Net Vol	26.61



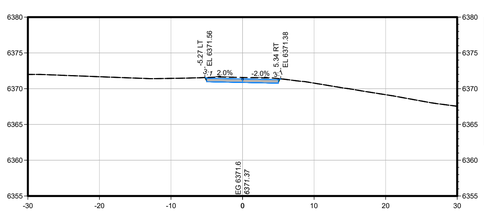
Total Volume at Station 248+50.00	
Cut Area	5.09
Fill Area	3.69
Cut Vol	4.71
Fill Vol	6.52
Cum Cut Vol	227.20
Cum Fill Vol	212.85
Net Vol	14.35



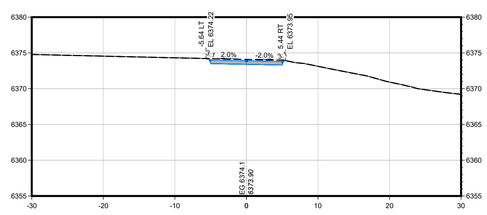
Total Volume at Station 246+00.00	
Cut Area	0.04
Fill Area	0.23
Cut Vol	1.54
Fill Vol	0.35
Cum Cut Vol	218.86
Cum Fill Vol	191.33
Net Vol	27.53



Total Volume at Station 248+00.00	
Cut Area	0.00
Fill Area	2.18
Cut Vol	1.80
Fill Vol	2.48
Cum Cut Vol	222.49
Cum Fill Vol	206.33
Net Vol	16.16



Total Volume at Station 245+50.00	
Cut Area	1.62
Fill Area	0.09
Cut Vol	1.50
Fill Vol	0.15
Cum Cut Vol	217.32
Cum Fill Vol	190.98
Net Vol	26.33



Total Volume at Station 247+50.00	
Cut Area	1.94
Fill Area	0.05
Cut Vol	1.80
Fill Vol	5.47
Cum Cut Vol	220.70
Cum Fill Vol	203.85
Net Vol	16.84

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NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

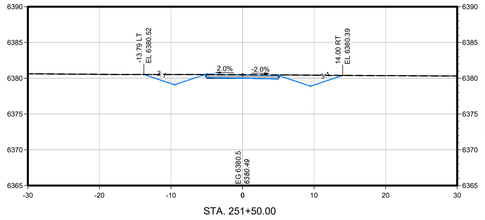
Date: November 2025

Scale: Horiz: 1" = 10'
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Project No: 9230488

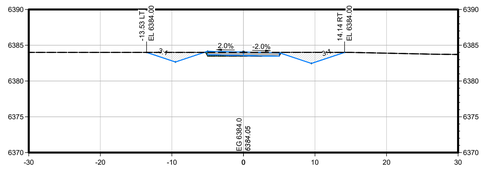
Sheet: RD-36

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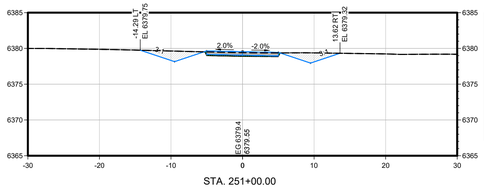
STA. 251+50.00

Total Volume at Station 251+50.00	
Cut Area	13.39
Fill Area	0.27
Cut Vol	24.08
Fill Vol	1.89
Cum Cut Vol	350.57
Cum Fill Vol	223.40
Net Vol	127.18



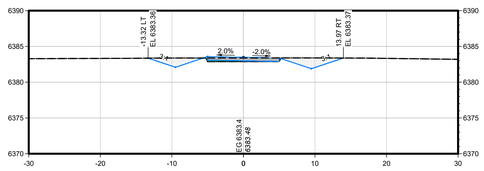
STA. 254+00.00

Total Volume at Station 254+00.00	
Cut Area	12.64
Fill Area	0.73
Cut Vol	22.56
Fill Vol	2.13
Cum Cut Vol	466.97
Cum Fill Vol	232.20
Net Vol	234.78



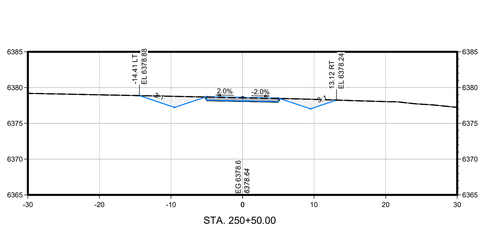
STA. 251+00.00

Total Volume at Station 251+00.00	
Cut Area	12.61
Fill Area	1.43
Cut Vol	23.21
Fill Vol	2.37
Cum Cut Vol	326.49
Cum Fill Vol	221.50
Net Vol	104.99



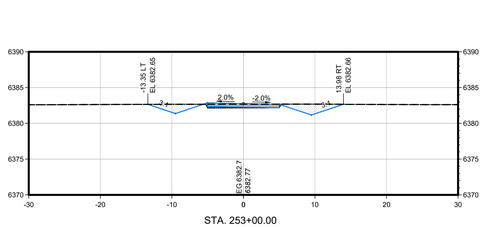
STA. 253+50.00

Total Volume at Station 253+50.00	
Cut Area	11.73
Fill Area	1.19
Cut Vol	21.84
Fill Vol	2.57
Cum Cut Vol	444.42
Cum Fill Vol	230.07
Net Vol	214.35



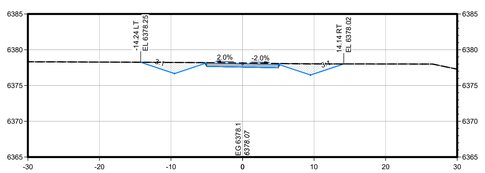
STA. 250+50.00

Total Volume at Station 250+50.00	
Cut Area	12.45
Fill Area	0.70
Cut Vol	25.70
Fill Vol	0.87
Cum Cut Vol	303.28
Cum Fill Vol	219.14
Net Vol	84.14



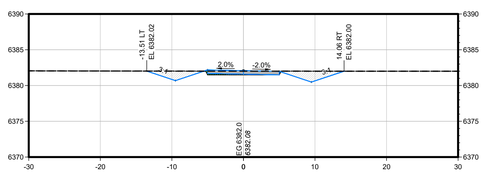
STA. 253+00.00

Total Volume at Station 253+00.00	
Cut Area	11.86
Fill Area	1.12
Cut Vol	22.63
Fill Vol	2.20
Cum Cut Vol	422.57
Cum Fill Vol	227.50
Net Vol	195.08



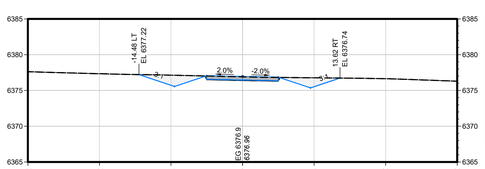
STA. 250+00.00

Total Volume at Station 250+00.00	
Cut Area	15.30
Fill Area	0.08
Cut Vol	26.56
Fill Vol	0.74
Cum Cut Vol	277.59
Cum Fill Vol	218.27
Net Vol	59.31



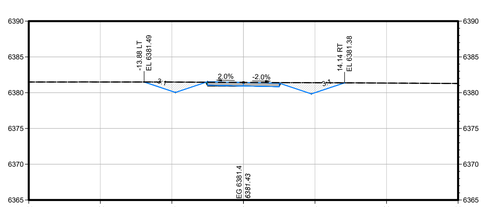
STA. 252+50.00

Total Volume at Station 252+50.00	
Cut Area	12.31
Fill Area	0.89
Cut Vol	24.18
Fill Vol	1.29
Cum Cut Vol	399.94
Cum Fill Vol	225.29
Net Vol	174.65



STA. 249+50.00

Total Volume at Station 249+50.00	
Cut Area	13.38
Fill Area	0.59
Cut Vol	15.62
Fill Vol	0.67
Cum Cut Vol	251.03
Cum Fill Vol	217.53
Net Vol	33.49



STA. 252+00.00

Total Volume at Station 252+00.00	
Cut Area	13.81
Fill Area	0.27
Cut Vol	25.18
Fill Vol	0.60
Cum Cut Vol	375.76
Cum Fill Vol	224.00
Net Vol	151.76

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11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

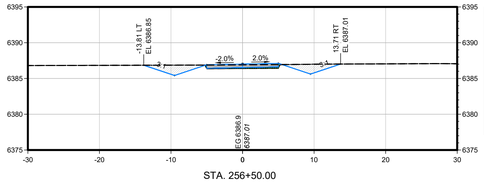
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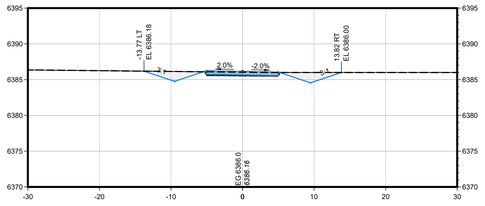
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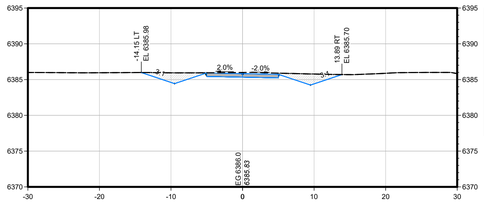
STA. 256+50.00

Total Volume at Station 256+50.00	
Cut Area	11.92
Fill Area	1.24
Cut Vol	22.07
Fill Vol	2.89
Cum Cut Vol	597.58
Cum Fill Vol	238.20
Net Vol	359.38



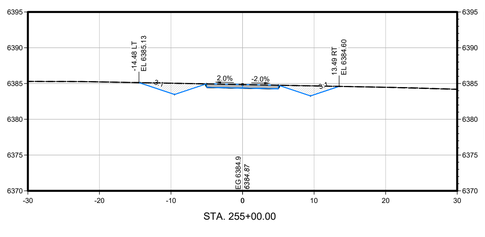
STA. 256+00.00

Total Volume at Station 256+00.00	
Cut Area	11.93
Fill Area	1.36
Cut Vol	25.32
Fill Vol	1.60
Cum Cut Vol	575.51
Cum Fill Vol	235.31
Net Vol	340.20



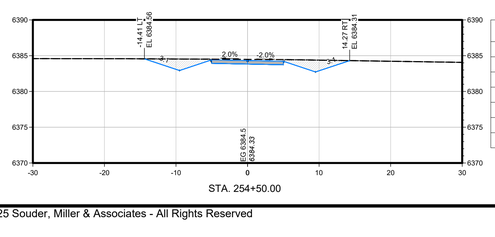
STA. 255+50.00

Total Volume at Station 255+50.00	
Cut Area	15.41
Fill Area	0.07
Cut Vol	26.62
Fill Vol	0.34
Cum Cut Vol	550.19
Cum Fill Vol	233.71
Net Vol	316.48



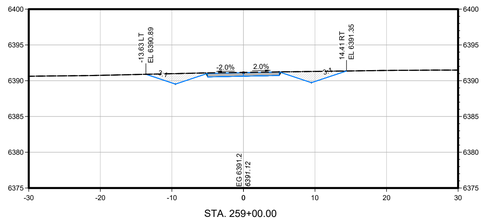
STA. 255+00.00

Total Volume at Station 255+00.00	
Cut Area	13.34
Fill Area	0.23
Cut Vol	28.63
Fill Vol	0.31
Cum Cut Vol	523.57
Cum Fill Vol	233.38
Net Vol	290.20



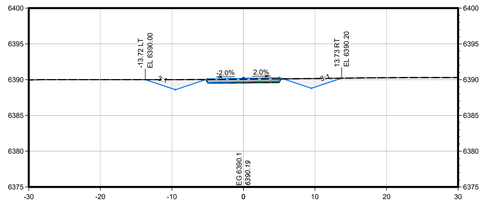
STA. 254+50.00

Total Volume at Station 254+50.00	
Cut Area	17.57
Fill Area	0.05
Cut Vol	27.97
Fill Vol	0.87
Cum Cut Vol	494.95
Cum Fill Vol	233.06
Net Vol	261.88



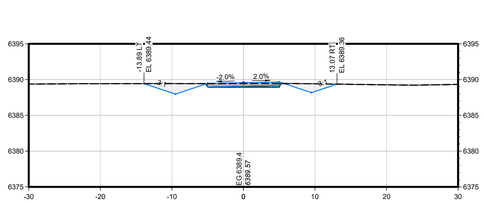
STA. 259+00.00

Total Volume at Station 259+00.00	
Cut Area	14.26
Fill Area	0.09
Cut Vol	23.90
Fill Vol	1.78
Cum Cut Vol	704.00
Cum Fill Vol	254.65
Net Vol	449.34



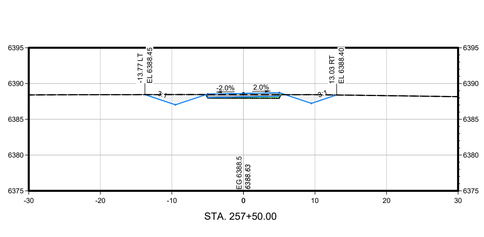
STA. 258+50.00

Total Volume at Station 258+50.00	
Cut Area	11.55
Fill Area	1.51
Cut Vol	20.94
Fill Vol	3.29
Cum Cut Vol	680.10
Cum Fill Vol	252.88
Net Vol	427.22



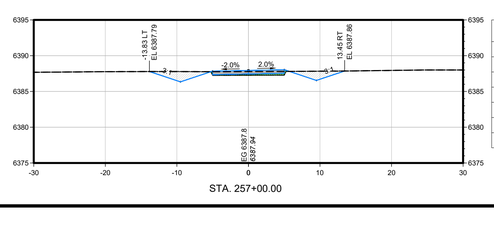
STA. 258+00.00

Total Volume at Station 258+00.00	
Cut Area	11.06
Fill Area	1.46
Cut Vol	20.01
Fill Vol	3.80
Cum Cut Vol	659.16
Cum Fill Vol	249.58
Net Vol	409.58



STA. 257+50.00

Total Volume at Station 257+50.00	
Cut Area	10.55
Fill Area	1.97
Cut Vol	20.15
Fill Vol	4.19
Cum Cut Vol	639.15
Cum Fill Vol	245.78
Net Vol	393.37



STA. 257+00.00

Total Volume at Station 257+00.00	
Cut Area	11.21
Fill Area	1.81
Cut Vol	21.42
Fill Vol	3.38
Cum Cut Vol	619.00
Cum Fill Vol	241.59
Net Vol	377.42

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SR-14 INTERCEPTOR ROAD SEGMENT
2 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

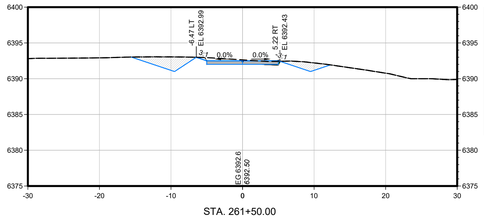
Date: November 2025

Scale: Horiz: 1" = 10'
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Project No: 9230488

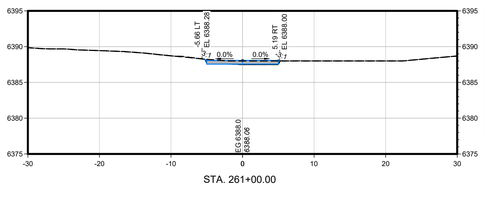
Sheet: RD-38

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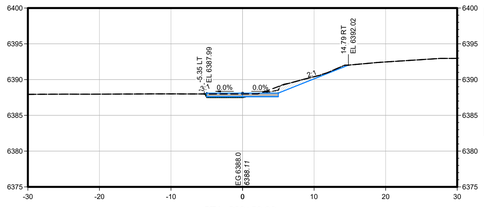
STA. 261+50.00

Total Volume at Station 261+50.00	
Cut Area	15.97
Fill Area	0.15
Cut Vol	15.08
Fill Vol	0.68
Cum Cut Vol	800.19
Cum Fill Vol	258.37
Net Vol	541.83



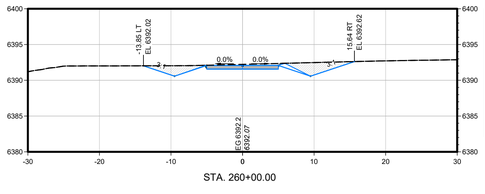
STA. 261+00.00

Total Volume at Station 261+00.00	
Cut Area	0.31
Fill Area	0.46
Cut Vol	5.83
Fill Vol	1.27
Cum Cut Vol	785.11
Cum Fill Vol	257.69
Net Vol	527.43



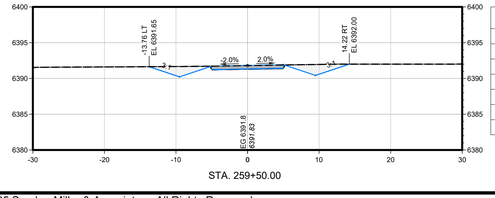
STA. 260+50.00

Total Volume at Station 260+50.00	
Cut Area	5.99
Fill Area	0.68
Cut Vol	21.49
Fill Vol	0.83
Cum Cut Vol	779.28
Cum Fill Vol	256.42
Net Vol	522.86



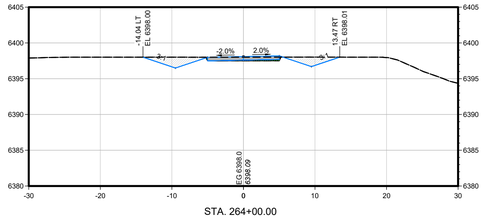
STA. 260+00.00

Total Volume at Station 260+00.00	
Cut Area	17.22
Fill Area	0.07
Cut Vol	28.27
Fill Vol	0.46
Cum Cut Vol	757.79
Cum Fill Vol	255.59
Net Vol	502.20



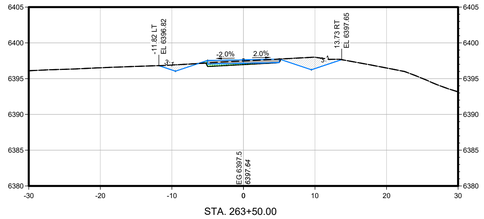
STA. 259+50.00

Total Volume at Station 259+50.00	
Cut Area	13.31
Fill Area	0.34
Cut Vol	25.53
Fill Vol	0.48
Cum Cut Vol	729.52
Cum Fill Vol	255.13
Net Vol	474.39



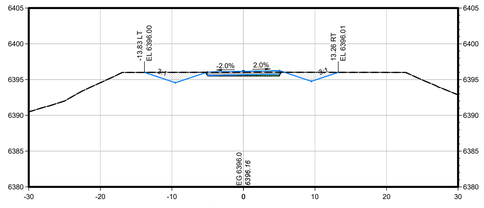
STA. 264+00.00

Total Volume at Station 264+00.00	
Cut Area	12.14
Fill Area	0.99
Cut Vol	20.41
Fill Vol	3.44
Cum Cut Vol	909.29
Cum Fill Vol	271.06
Net Vol	638.23



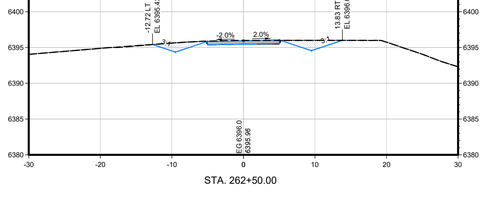
STA. 263+50.00

Total Volume at Station 263+50.00	
Cut Area	9.90
Fill Area	2.11
Cut Vol	19.38
Fill Vol	4.15
Cum Cut Vol	888.88
Cum Fill Vol	267.62
Net Vol	621.26



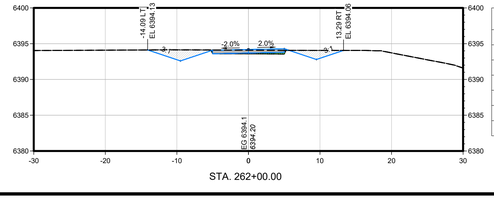
STA. 263+00.00

Total Volume at Station 263+00.00	
Cut Area	11.03
Fill Area	1.63
Cut Vol	20.96
Fill Vol	2.03
Cum Cut Vol	869.50
Cum Fill Vol	263.47
Net Vol	606.03



STA. 262+50.00

Total Volume at Station 262+50.00	
Cut Area	11.61
Fill Area	0.20
Cut Vol	21.75
Fill Vol	1.58
Cum Cut Vol	848.55
Cum Fill Vol	261.44
Net Vol	587.11



STA. 262+00.00

Total Volume at Station 262+00.00	
Cut Area	11.89
Fill Area	1.22
Cut Vol	26.60
Fill Vol	1.49
Cum Cut Vol	826.80
Cum Fill Vol	259.85
Net Vol	566.94

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NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

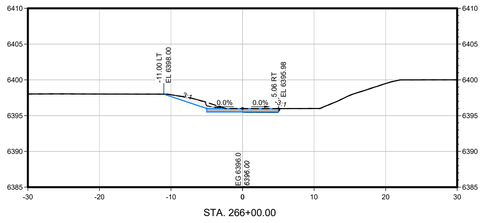
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Project No: 9230488

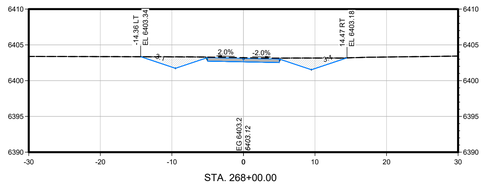
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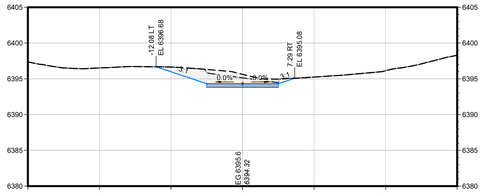
STA. 266+00.00

Total Volume at Station 266+00.00	
Cut Area	5.32
Fill Area	0.09
Cut Vol	24.45
Fill Vol	0.10
Cum Cut Vol	1079.63
Cum Fill Vol	275.70
Net Vol	803.93



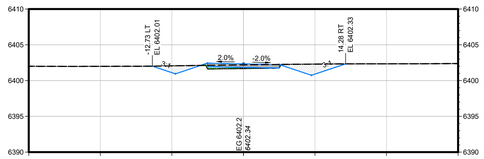
STA. 268+00.00

Total Volume at Station 268+00.00	
Cut Area	16.38
Fill Area	0.07
Cut Vol	25.42
Fill Vol	1.98
Cum Cut Vol	1164.14
Cum Fill Vol	288.43
Net Vol	875.71



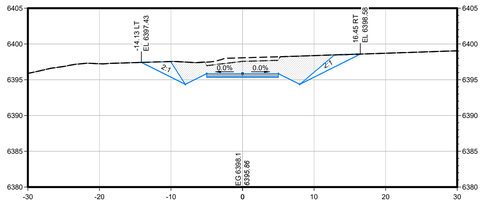
STA. 265+50.00

Total Volume at Station 265+50.00	
Cut Area	21.09
Fill Area	0.00
Cut Vol	65.88
Fill Vol	0.02
Cum Cut Vol	1055.18
Cum Fill Vol	275.60
Net Vol	779.58



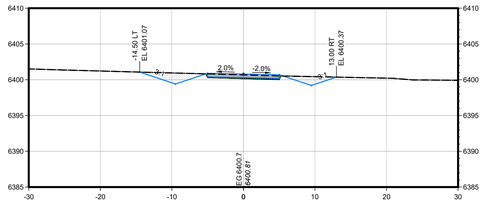
STA. 267+50.00

Total Volume at Station 267+50.00	
Cut Area	11.07
Fill Area	1.71
Cut Vol	21.10
Fill Vol	3.51
Cum Cut Vol	1138.72
Cum Fill Vol	286.45
Net Vol	852.27



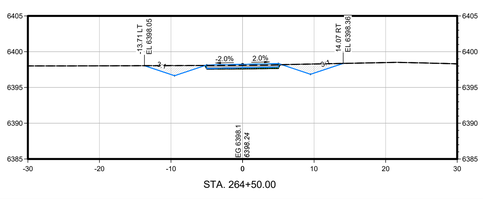
STA. 265+00.00

Total Volume at Station 265+00.00	
Cut Area	50.06
Fill Area	0.02
Cut Vol	57.64
Fill Vol	1.69
Cum Cut Vol	989.30
Cum Fill Vol	275.57
Net Vol	713.73



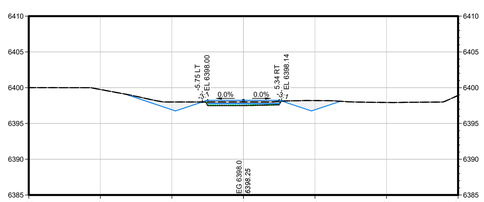
STA. 267+00.00

Total Volume at Station 267+00.00	
Cut Area	11.72
Fill Area	1.45
Cut Vol	21.87
Fill Vol	4.37
Cum Cut Vol	1117.62
Cum Fill Vol	282.94
Net Vol	834.69



STA. 264+50.00

Total Volume at Station 264+50.00	
Cut Area	12.19
Fill Area	1.50
Cut Vol	22.37
Fill Vol	2.82
Cum Cut Vol	931.66
Cum Fill Vol	273.88
Net Vol	657.78



STA. 266+50.00

Total Volume at Station 266+50.00	
Cut Area	11.91
Fill Area	2.49
Cut Vol	16.12
Fill Vol	2.87
Cum Cut Vol	1095.75
Cum Fill Vol	278.56
Net Vol	817.19

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MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

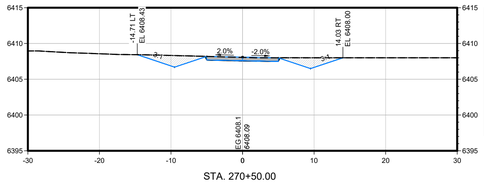
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Project No: 9230488

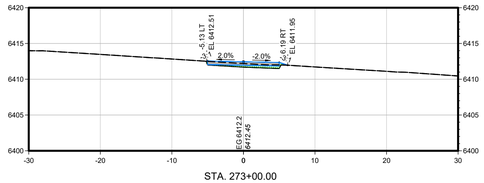
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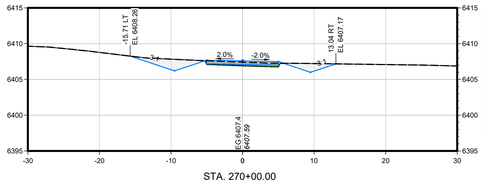
STA. 270+50.00

Total Volume at Station 270+50.00	
Cut Area	14.72
Fill Area	0.27
Cut Vol	25.34
Fill Vol	2.44
Cum Cut Vol	1283.55
Cum Fill Vol	303.36
Net Vol	980.19



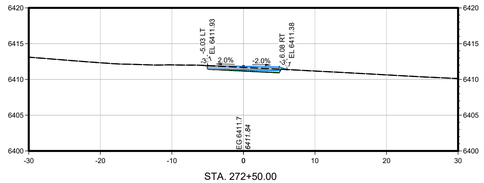
STA. 273+00.00

Total Volume at Station 273+00.00	
Cut Area	0.00
Fill Area	2.61
Cut Vol	0.00
Fill Vol	4.99
Cum Cut Vol	1367.62
Cum Fill Vol	315.65
Net Vol	1051.98



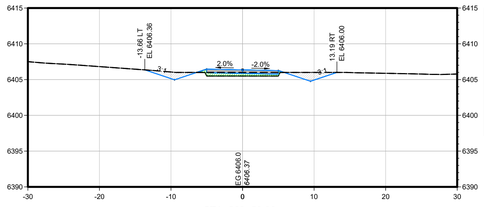
STA. 270+00.00

Total Volume at Station 270+00.00	
Cut Area	12.65
Fill Area	1.93
Cut Vol	19.44
Fill Vol	6.85
Cum Cut Vol	1258.21
Cum Fill Vol	300.91
Net Vol	957.30



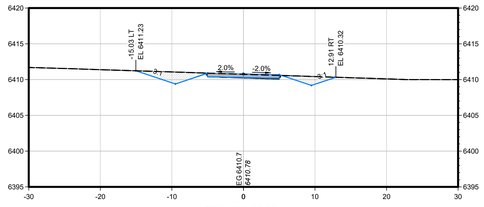
STA. 272+50.00

Total Volume at Station 272+50.00	
Cut Area	0.00
Fill Area	1.89
Cut Vol	12.17
Fill Vol	2.73
Cum Cut Vol	1367.62
Cum Fill Vol	310.66
Net Vol	1056.97



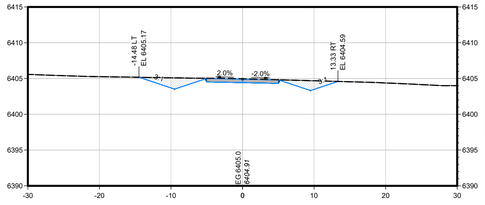
STA. 269+50.00

Total Volume at Station 269+50.00	
Cut Area	8.34
Fill Area	4.24
Cut Vol	20.36
Fill Vol	4.82
Cum Cut Vol	1238.77
Cum Fill Vol	294.06
Net Vol	944.71



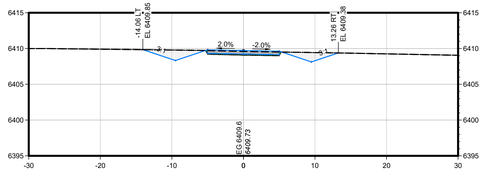
STA. 272+00.00

Total Volume at Station 272+00.00	
Cut Area	13.14
Fill Area	0.57
Cut Vol	22.85
Fill Vol	2.20
Cum Cut Vol	1355.46
Cum Fill Vol	307.92
Net Vol	1047.54



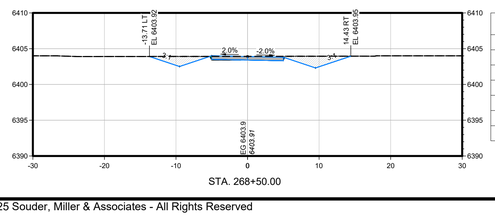
STA. 269+00.00

Total Volume at Station 269+00.00	
Cut Area	13.65
Fill Area	0.10
Cut Vol	25.87
Fill Vol	0.42
Cum Cut Vol	1218.41
Cum Fill Vol	289.24
Net Vol	929.17



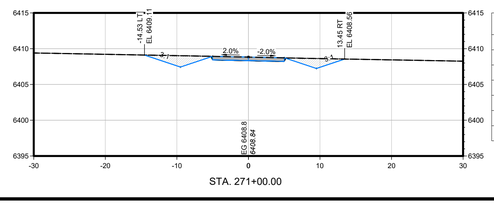
STA. 271+50.00

Total Volume at Station 271+50.00	
Cut Area	11.54
Fill Area	1.40
Cut Vol	23.06
Fill Vol	1.81
Cum Cut Vol	1332.61
Cum Fill Vol	305.73
Net Vol	1026.88



STA. 268+50.00

Total Volume at Station 268+50.00	
Cut Area	14.30
Fill Area	0.28
Cut Vol	28.40
Fill Vol	0.39
Cum Cut Vol	1192.54
Cum Fill Vol	288.82
Net Vol	903.72



STA. 271+00.00

Total Volume at Station 271+00.00	
Cut Area	13.36
Fill Area	0.23
Cut Vol	26.00
Fill Vol	0.56
Cum Cut Vol	1309.55
Cum Fill Vol	303.91
Net Vol	1005.64

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MATTHEW A. NIGHBERT — NEW MEXICO — 19479 — PROFESSIONAL ENGINEER

11/26/2025

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JTN	SMA	MAN

Date: November 2025

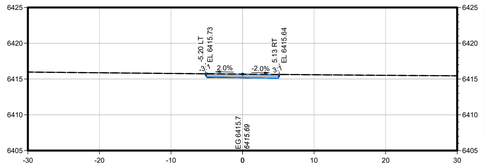
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Project No: 9230488

Sheet: RD-41

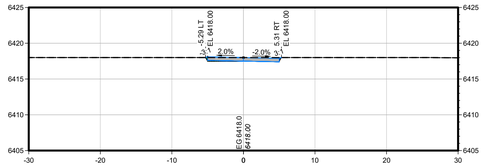
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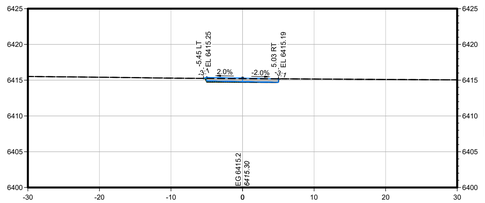
STA. 275+50.00

Total Volume at Station 275+50.00	
Cut Area	0.09
Fill Area	0.31
Cut Vol	0.08
Fill Vol	1.37
Cum Cut Vol	1367.71
Cum Fill Vol	326.36
Net Vol	1041.35



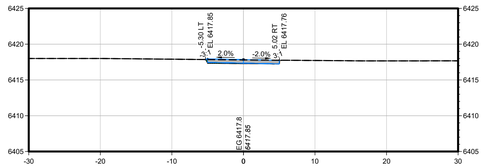
STA. 278+00.00

Total Volume at Station 278+00.00	
Cut Area	0.27
Fill Area	0.35
Cut Vol	0.24
Fill Vol	1.09
Cum Cut Vol	1368.08
Cum Fill Vol	334.13
Net Vol	1033.96



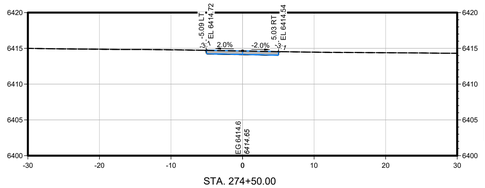
STA. 275+00.00

Total Volume at Station 275+00.00	
Cut Area	0.00
Fill Area	0.92
Cut Vol	0.00
Fill Vol	1.33
Cum Cut Vol	1367.62
Cum Fill Vol	324.99
Net Vol	1042.64



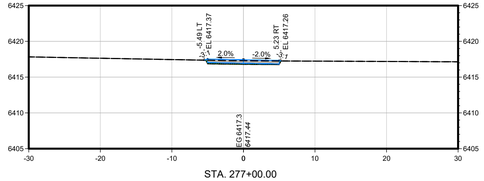
STA. 277+50.00

Total Volume at Station 277+50.00	
Cut Area	0.00
Fill Area	0.59
Cut Vol	0.00
Fill Vol	2.31
Cum Cut Vol	1367.84
Cum Fill Vol	333.04
Net Vol	1034.81



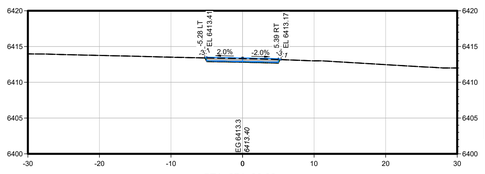
STA. 274+50.00

Total Volume at Station 274+50.00	
Cut Area	0.00
Fill Area	0.27
Cut Vol	0.00
Fill Vol	1.54
Cum Cut Vol	1367.62
Cum Fill Vol	323.66
Net Vol	1043.96



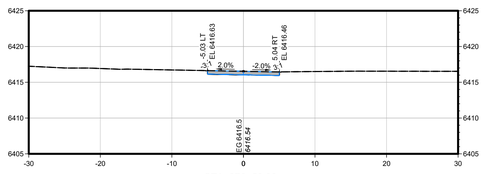
STA. 277+00.00

Total Volume at Station 277+00.00	
Cut Area	0.00
Fill Area	1.49
Cut Vol	0.02
Fill Vol	1.72
Cum Cut Vol	1367.84
Cum Fill Vol	330.73
Net Vol	1037.11



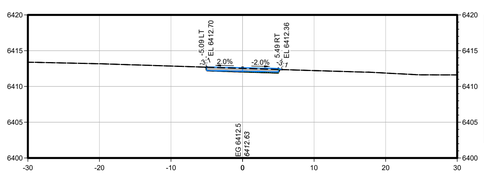
STA. 274+00.00

Total Volume at Station 274+00.00	
Cut Area	0.00
Fill Area	1.12
Cut Vol	0.00
Fill Vol	2.41
Cum Cut Vol	1367.62
Cum Fill Vol	322.12
Net Vol	1045.50



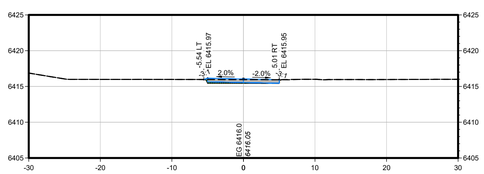
STA. 276+50.00

Total Volume at Station 276+50.00	
Cut Area	0.03
Fill Area	0.06
Cut Vol	0.02
Fill Vol	1.18
Cum Cut Vol	1367.82
Cum Fill Vol	329.01
Net Vol	1038.81



STA. 273+50.00

Total Volume at Station 273+50.00	
Cut Area	0.00
Fill Area	1.05
Cut Vol	0.00
Fill Vol	4.06
Cum Cut Vol	1367.62
Cum Fill Vol	319.71
Net Vol	1047.91



STA. 276+00.00

Total Volume at Station 276+00.00	
Cut Area	0.00
Fill Area	1.01
Cut Vol	0.08
Fill Vol	1.46
Cum Cut Vol	1367.79
Cum Fill Vol	327.82
Net Vol	1039.97

Rev #	Date	Description	By	Chk'd

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2 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

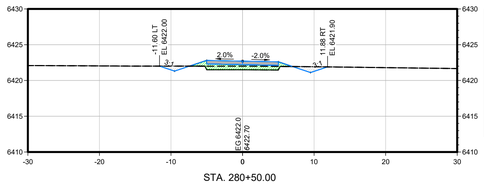
Date: November 2025

Scale: Horiz: 1" = 10'
Vert: 1" = 10'

Project No: 9230488

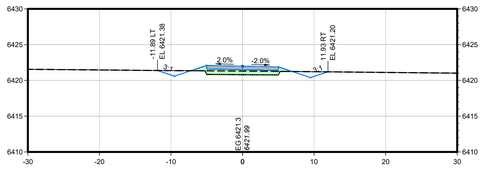
Sheet: RD-42

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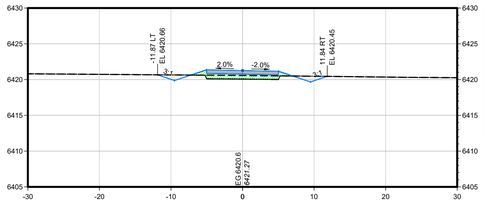
STA. 280+50.00

Total Volume at Station 280+50.00	
Cut Area	3.48
Fill Area	8.84
Cut Vol	6.86
Fill Vol	19.17
Cum Cut Vol	1398.36
Cum Fill Vol	394.14
Net Vol	1004.21



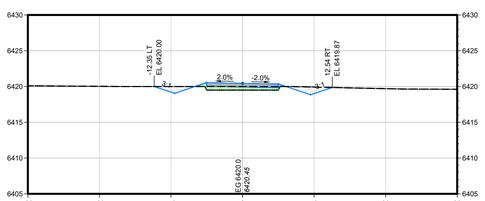
STA. 280+00.00

Total Volume at Station 280+00.00	
Cut Area	3.92
Fill Area	8.41
Cut Vol	7.11
Fill Vol	18.93
Cum Cut Vol	1391.50
Cum Fill Vol	374.97
Net Vol	1016.53



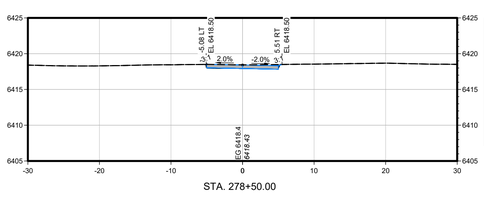
STA. 279+50.00

Total Volume at Station 279+50.00	
Cut Area	3.75
Fill Area	8.62
Cut Vol	9.30
Fill Vol	15.45
Cum Cut Vol	1384.39
Cum Fill Vol	356.05
Net Vol	1028.34



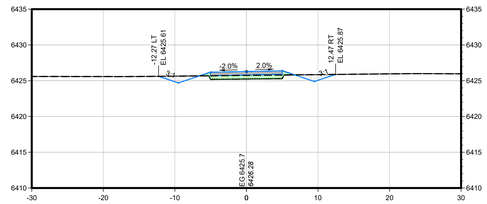
STA. 279+00.00

Total Volume at Station 279+00.00	
Cut Area	6.29
Fill Area	5.28
Cut Vol	6.29
Fill Vol	5.98
Cum Cut Vol	1375.09
Cum Fill Vol	340.60
Net Vol	1034.49



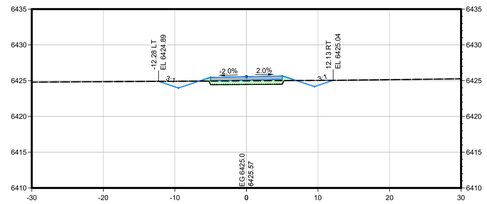
STA. 278+50.00

Total Volume at Station 278+50.00	
Cut Area	0.50
Fill Area	0.10
Cut Vol	0.72
Fill Vol	0.50
Cum Cut Vol	1368.80
Cum Fill Vol	334.63
Net Vol	1034.17



STA. 283+00.00

Total Volume at Station 283+00.00	
Cut Area	5.47
Fill Area	6.50
Cut Vol	9.61
Fill Vol	15.23
Cum Cut Vol	1432.88
Cum Fill Vol	493.32
Net Vol	939.56

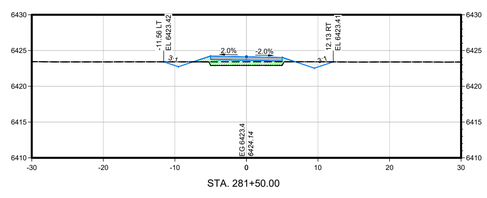


STA. 282+50.00

Total Volume at Station 282+50.00	
Cut Area	4.90
Fill Area	7.21
Cut Vol	7.39
Fill Vol	18.83
Cum Cut Vol	1423.28
Cum Fill Vol	478.09
Net Vol	945.19

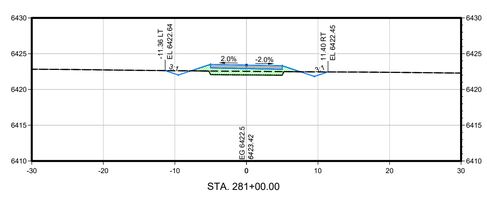
STA. 282+00.00

Total Volume at Station 282+00.00	
Cut Area	3.16
Fill Area	9.69
Cut Vol	6.43
Fill Vol	20.52
Cum Cut Vol	1415.88
Cum Fill Vol	459.26
Net Vol	956.62



STA. 281+50.00

Total Volume at Station 281+50.00	
Cut Area	3.78
Fill Area	8.78
Cut Vol	5.71
Fill Vol	22.25
Cum Cut Vol	1409.46
Cum Fill Vol	438.74
Net Vol	970.72



STA. 281+00.00

Total Volume at Station 281+00.00	
Cut Area	2.34
Fill Area	11.27
Cut Vol	5.39
Fill Vol	22.35
Cum Cut Vol	1403.75
Cum Fill Vol	416.49
Net Vol	987.26

Rev #	Date	Description	By	Chk'd

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NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

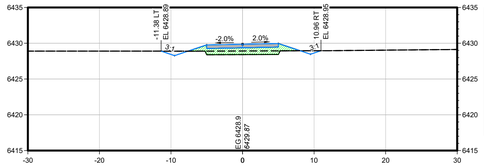
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Project No: 9230488

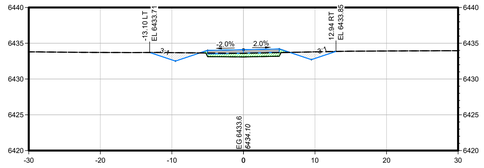
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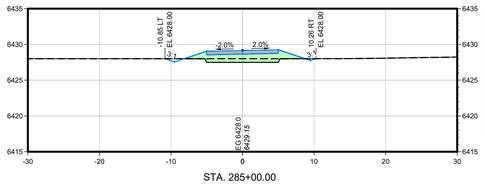
STA. 285+50.00

Total Volume at Station 285+50.00	
Cut Area	1.88
Fill Area	12.34
Cut Vol	2.48
Fill Vol	31.05
Cum Cut Vol	1460.84
Cum Fill Vol	610.97
Net Vol	849.87



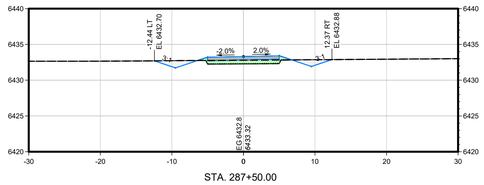
STA. 288+00.00

Total Volume at Station 288+00.00	
Cut Area	7.65
Fill Area	5.48
Cut Vol	12.35
Fill Vol	13.06
Cum Cut Vol	1506.75
Cum Fill Vol	694.38
Net Vol	812.37



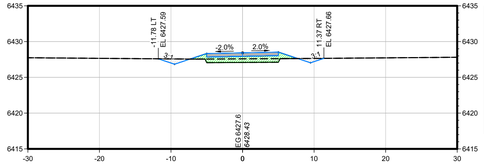
STA. 285+00.00

Total Volume at Station 285+00.00	
Cut Area	0.81
Fill Area	15.60
Cut Vol	3.31
Fill Vol	29.21
Cum Cut Vol	1458.35
Cum Fill Vol	579.92
Net Vol	878.43



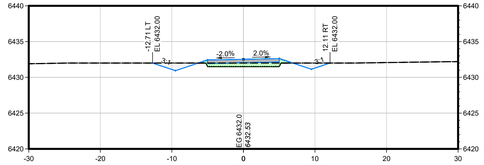
STA. 287+50.00

Total Volume at Station 287+50.00	
Cut Area	5.69
Fill Area	6.27
Cut Vol	10.53
Fill Vol	13.99
Cum Cut Vol	1494.40
Cum Fill Vol	681.32
Net Vol	813.09



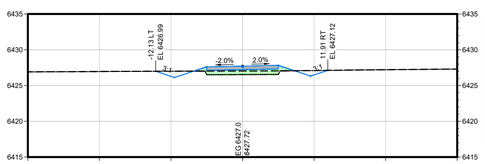
STA. 284+50.00

Total Volume at Station 284+50.00	
Cut Area	2.77
Fill Area	10.69
Cut Vol	6.43
Fill Vol	21.18
Cum Cut Vol	1455.04
Cum Fill Vol	550.71
Net Vol	904.33



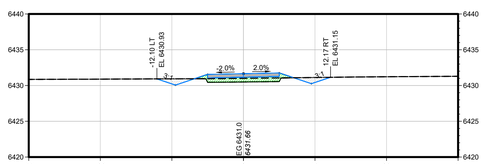
STA. 287+00.00

Total Volume at Station 287+00.00	
Cut Area	5.69
Fill Area	6.32
Cut Vol	9.44
Fill Vol	15.87
Cum Cut Vol	1483.87
Cum Fill Vol	667.32
Net Vol	816.55



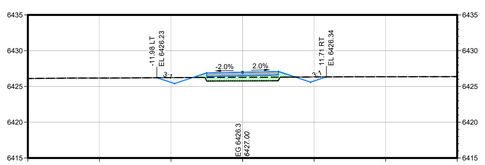
STA. 284+00.00

Total Volume at Station 284+00.00	
Cut Area	4.17
Fill Area	8.37
Cut Vol	7.24
Fill Vol	19.17
Cum Cut Vol	1448.62
Cum Fill Vol	529.53
Net Vol	919.08



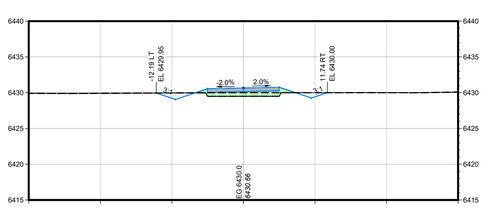
STA. 286+50.00

Total Volume at Station 286+50.00	
Cut Area	4.51
Fill Area	7.96
Cut Vol	8.02
Fill Vol	17.81
Cum Cut Vol	1474.43
Cum Fill Vol	651.46
Net Vol	822.97



STA. 283+50.00

Total Volume at Station 283+50.00	
Cut Area	3.71
Fill Area	8.84
Cut Vol	8.50
Fill Vol	17.04
Cum Cut Vol	1441.38
Cum Fill Vol	510.37
Net Vol	931.01



STA. 286+00.00

Total Volume at Station 286+00.00	
Cut Area	4.14
Fill Area	8.07
Cut Vol	5.57
Fill Vol	22.68
Cum Cut Vol	1466.41
Cum Fill Vol	633.65
Net Vol	832.76

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Designed	Drawn	Checked
JTN	SMA	MAN

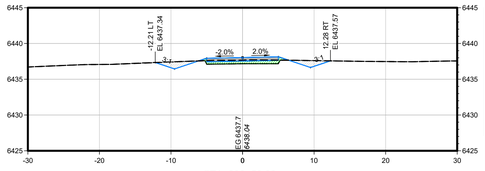
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Project No: 9230488

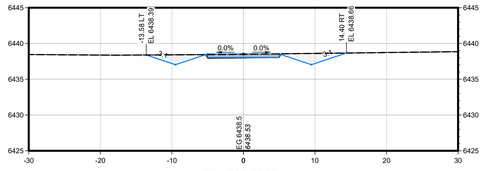
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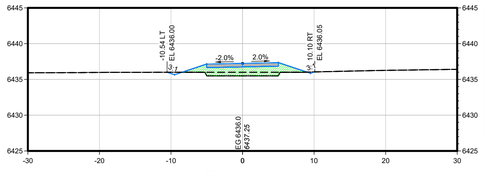
STA. 290+50.00

Total Volume at Station 290+50.00	
Cut Area	5.79
Fill Area	4.47
Cut Vol	5.79
Fill Vol	24.28
Cum Cut Vol	1547.81
Cum Fill Vol	793.85
Net Vol	753.96



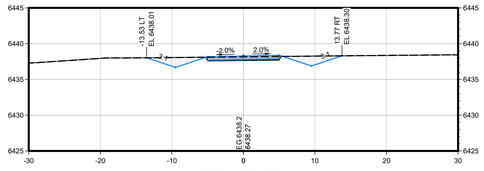
STA. 293+00.00

Total Volume at Station 293+00.00	
Cut Area	13.22
Fill Area	0.50
Cut Vol	22.90
Fill Vol	2.06
Cum Cut Vol	1665.93
Cum Fill Vol	803.22
Net Vol	862.71



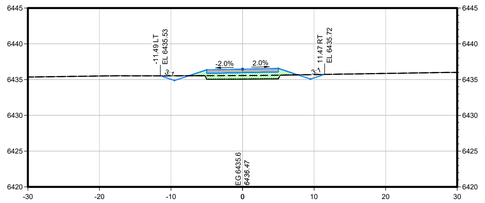
STA. 290+00.00

Total Volume at Station 290+00.00	
Cut Area	0.47
Fill Area	17.38
Cut Vol	2.76
Fill Vol	31.88
Cum Cut Vol	1542.02
Cum Fill Vol	769.57
Net Vol	772.45



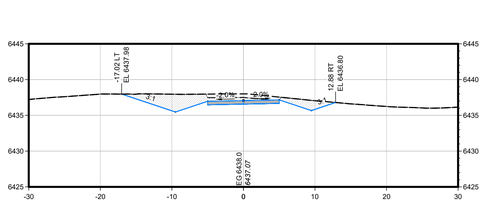
STA. 292+50.00

Total Volume at Station 292+50.00	
Cut Area	11.51
Fill Area	1.36
Cut Vol	39.94
Fill Vol	1.51
Cum Cut Vol	1643.03
Cum Fill Vol	801.16
Net Vol	841.87



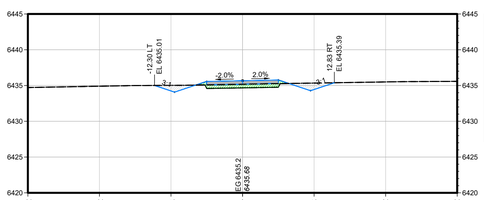
STA. 289+50.00

Total Volume at Station 289+50.00	
Cut Area	2.52
Fill Area	11.31
Cut Vol	7.96
Fill Vol	19.10
Cum Cut Vol	1539.26
Cum Fill Vol	737.69
Net Vol	801.57



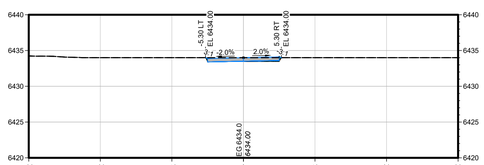
STA. 292+00.00

Total Volume at Station 292+00.00	
Cut Area	31.62
Fill Area	0.00
Cut Vol	29.51
Fill Vol	0.42
Cum Cut Vol	1603.10
Cum Fill Vol	799.65
Net Vol	803.45



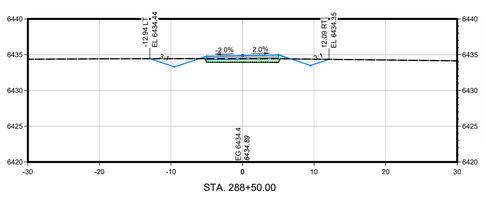
STA. 289+00.00

Total Volume at Station 289+00.00	
Cut Area	6.08
Fill Area	5.88
Cut Vol	11.55
Fill Vol	12.33
Cum Cut Vol	1531.30
Cum Fill Vol	718.59
Net Vol	812.71



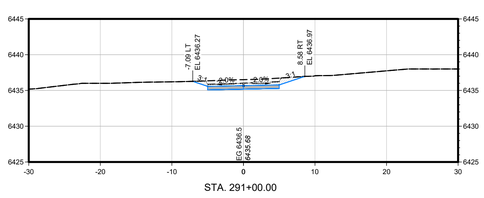
STA. 291+50.00

Total Volume at Station 291+50.00	
Cut Area	0.25
Fill Area	0.37
Cut Vol	10.32
Fill Vol	0.41
Cum Cut Vol	1573.58
Cum Fill Vol	799.23
Net Vol	774.35



STA. 288+50.00

Total Volume at Station 288+50.00	
Cut Area	6.39
Fill Area	5.22
Cut Vol	13.00
Fill Vol	11.89
Cum Cut Vol	1519.75
Cum Fill Vol	706.27
Net Vol	813.48



STA. 291+00.00

Total Volume at Station 291+00.00	
Cut Area	10.89
Fill Area	0.00
Cut Vol	15.45
Fill Vol	4.97
Cum Cut Vol	1563.26
Cum Fill Vol	798.82
Net Vol	764.44

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2 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

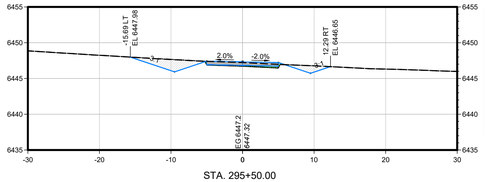
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Scale: Horiz: 1" = 10'
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Project No: 9230488

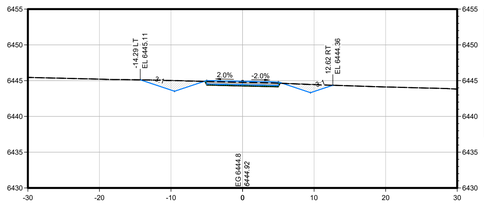
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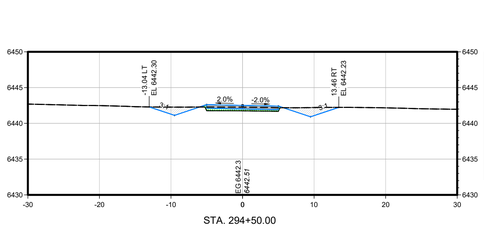
STA. 295+50.00

Total Volume at Station 295+50.00	
Cut Area	12.53
Fill Area	1.43
Cut Vol	21.56
Fill Vol	3.54
Cum Cut Vol	1787.24
Cum Fill Vol	817.65
Net Vol	969.59



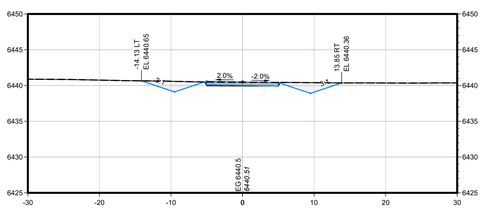
STA. 295+00.00

Total Volume at Station 295+00.00	
Cut Area	10.75
Fill Area	1.75
Cut Vol	18.30
Fill Vol	5.33
Cum Cut Vol	1765.69
Cum Fill Vol	814.12
Net Vol	951.57



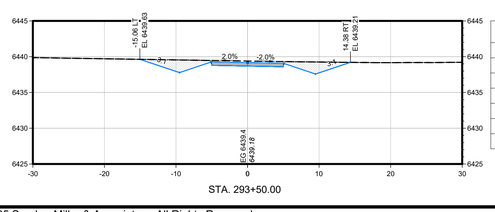
STA. 294+50.00

Total Volume at Station 294+50.00	
Cut Area	9.01
Fill Area	3.05
Cut Vol	20.50
Fill Vol	4.16
Cum Cut Vol	1747.39
Cum Fill Vol	808.78
Net Vol	938.61



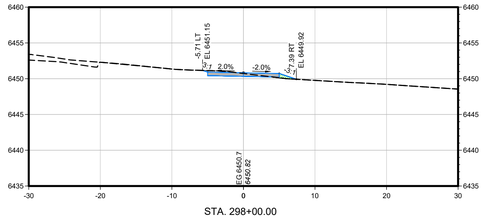
STA. 294+00.00

Total Volume at Station 294+00.00	
Cut Area	13.13
Fill Area	0.69
Cut Vol	30.43
Fill Vol	0.81
Cum Cut Vol	1726.89
Cum Fill Vol	804.62
Net Vol	922.26



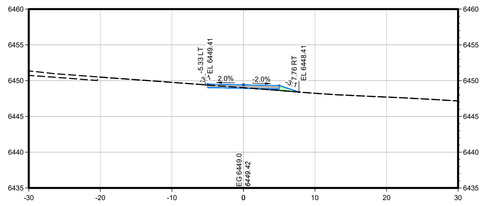
STA. 293+50.00

Total Volume at Station 293+50.00	
Cut Area	19.74
Fill Area	0.04
Cut Vol	30.52
Fill Vol	0.59
Cum Cut Vol	1696.45
Cum Fill Vol	803.81
Net Vol	892.64



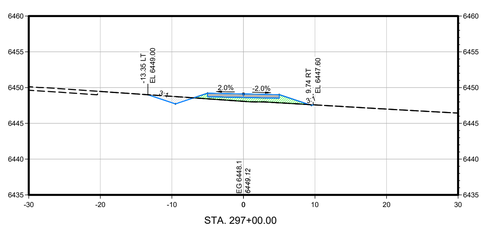
STA. 298+00.00

Total Volume at Station 298+00.00	
Cut Area	3.98
Fill Area	0.79
Cut Vol	4.79
Fill Vol	2.30
Cum Cut Vol	1829.24
Cum Fill Vol	868.59
Net Vol	960.65



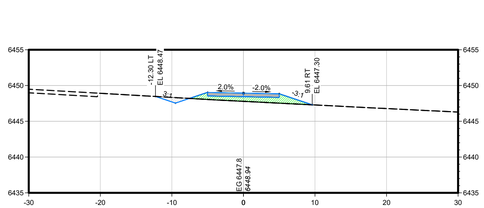
STA. 297+50.00

Total Volume at Station 297+50.00	
Cut Area	1.20
Fill Area	1.28
Cut Vol	4.17
Fill Vol	10.45
Cum Cut Vol	1824.44
Cum Fill Vol	866.29
Net Vol	958.16



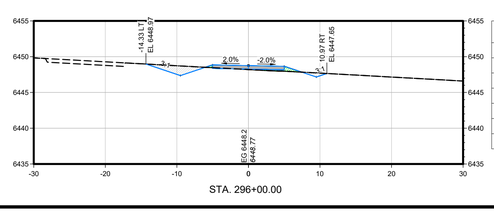
STA. 297+00.00

Total Volume at Station 297+00.00	
Cut Area	3.31
Fill Area	8.12
Cut Vol	4.76
Fill Vol	20.95
Cum Cut Vol	1820.27
Cum Fill Vol	855.83
Net Vol	964.44



STA. 296+50.00

Total Volume at Station 296+50.00	
Cut Area	1.83
Fill Area	10.73
Cut Vol	8.04
Fill Vol	13.87
Cum Cut Vol	1815.51
Cum Fill Vol	834.89
Net Vol	980.62



STA. 296+00.00

Total Volume at Station 296+00.00	
Cut Area	6.73
Fill Area	1.80
Cut Vol	20.22
Fill Vol	3.37
Cum Cut Vol	1807.47
Cum Fill Vol	821.02
Net Vol	986.45

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MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

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Designed	Drawn	Checked
JTN	SMA	MAN

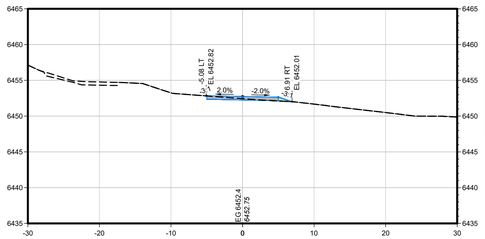
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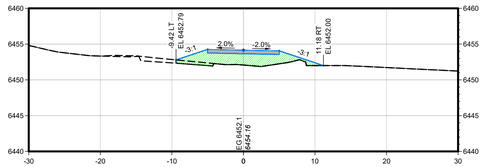
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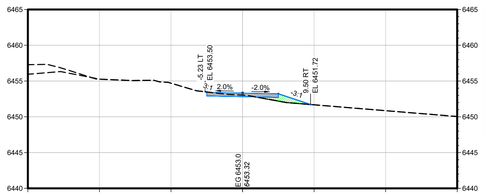
STA. 300+00.00

Total Volume at Station 300+00.00	
Cut Area	1.96
Fill Area	0.53
Cut Vol	3.61
Fill Vol	4.30
Cum Cut Vol	1843.87
Cum Fill Vol	888.31
Net Vol	955.56



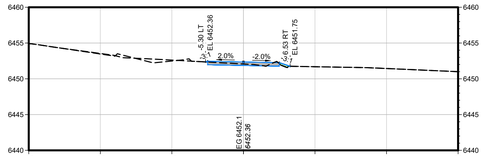
STA. 302+00.00

Total Volume at Station 302+00.00	
Cut Area	0.00
Fill Area	26.24
Cut Vol	2.36
Fill Vol	29.57
Cum Cut Vol	1862.18
Cum Fill Vol	919.23
Net Vol	942.95



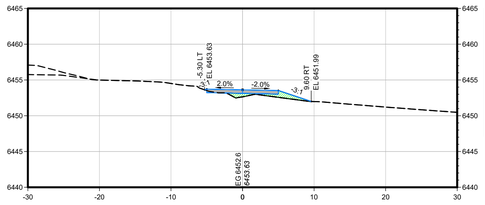
STA. 299+50.00

Total Volume at Station 299+50.00	
Cut Area	1.95
Fill Area	3.32
Cut Vol	2.03
Fill Vol	8.80
Cum Cut Vol	1840.26
Cum Fill Vol	884.01
Net Vol	956.25



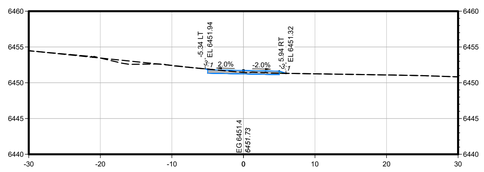
STA. 301+50.00

Total Volume at Station 301+50.00	
Cut Area	2.55
Fill Area	0.37
Cut Vol	5.24
Fill Vol	0.57
Cum Cut Vol	1859.82
Cum Fill Vol	889.66
Net Vol	970.17



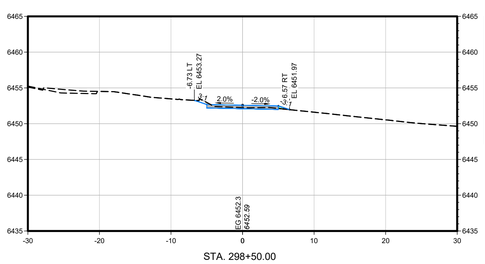
STA. 299+00.00

Total Volume at Station 299+00.00	
Cut Area	0.24
Fill Area	4.61
Cut Vol	2.77
Fill Vol	5.43
Cum Cut Vol	1838.23
Cum Fill Vol	875.20
Net Vol	963.03



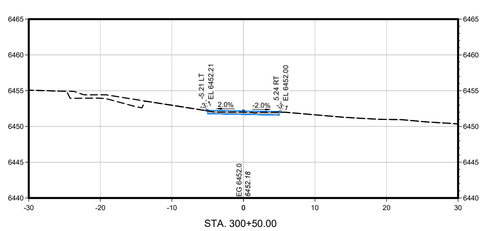
STA. 301+00.00

Total Volume at Station 301+00.00	
Cut Area	3.11
Fill Area	0.14
Cut Vol	5.89
Fill Vol	0.18
Cum Cut Vol	1854.59
Cum Fill Vol	889.09
Net Vol	965.50



STA. 298+50.00

Total Volume at Station 298+50.00	
Cut Area	2.75
Fill Area	0.28
Cut Vol	6.23
Fill Vol	1.18
Cum Cut Vol	1835.47
Cum Fill Vol	869.77
Net Vol	965.69



STA. 300+50.00

Total Volume at Station 300+50.00	
Cut Area	3.25
Fill Area	0.02
Cut Vol	4.83
Fill Vol	0.61
Cum Cut Vol	1848.69
Cum Fill Vol	888.91
Net Vol	959.78

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2 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

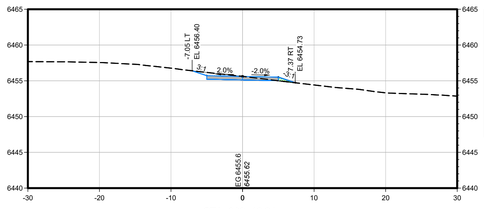
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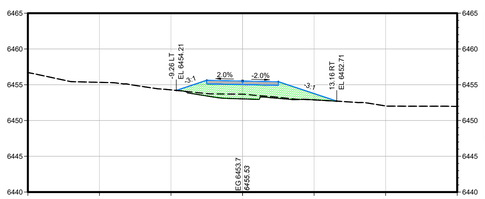
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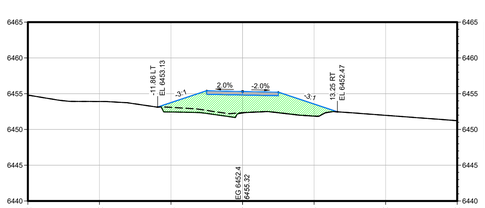
STA. 303+48.94

Total Volume at Station 303+48.94	
Cut Area	5.30
Fill Area	0.60
Cut Vol	4.82
Fill Vol	36.54
Cum Cut Vol	1867.00
Cum Fill Vol	1138.34
Net Vol	728.66



STA. 303+00.00

Total Volume at Station 303+00.00	
Cut Area	0.00
Fill Area	33.06
Cut Vol	0.00
Fill Vol	95.07
Cum Cut Vol	1862.18
Cum Fill Vol	1101.79
Net Vol	760.39



STA. 302+50.00

Total Volume at Station 302+50.00	
Cut Area	0.00
Fill Area	52.50
Cut Vol	0.00
Fill Vol	87.49
Cum Cut Vol	1862.18
Cum Fill Vol	1006.72
Net Vol	855.46

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Designed	Drawn	Checked
JTN	SMA	MAN

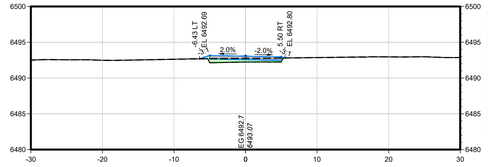
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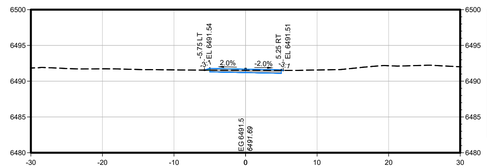
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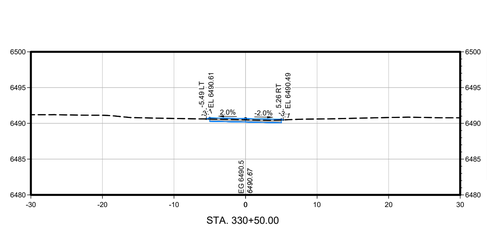
STA. 331+50.00

Total Volume at Station 331+50.00	
Cut Area	0.00
Fill Area	4.05
Cut Vol	3.03
Fill Vol	4.61
Cum Cut Vol	21.11
Cum Fill Vol	4.85
Net Vol	16.26



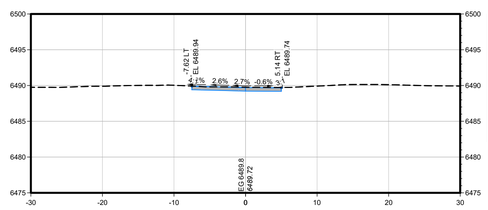
STA. 331+00.00

Total Volume at Station 331+00.00	
Cut Area	3.27
Fill Area	0.11
Cut Vol	6.07
Fill Vol	0.18
Cum Cut Vol	18.07
Cum Fill Vol	0.24
Net Vol	17.83



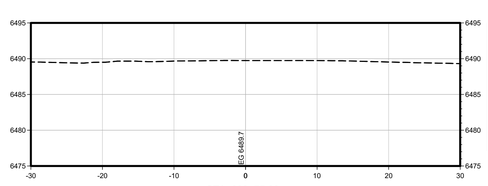
STA. 330+50.00

Total Volume at Station 330+50.00	
Cut Area	3.28
Fill Area	0.05
Cut Vol	9.02
Fill Vol	0.06
Cum Cut Vol	12.01
Cum Fill Vol	0.06
Net Vol	11.95



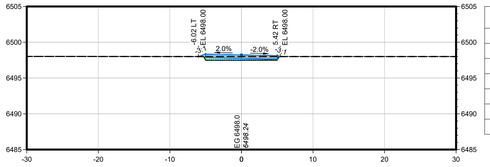
STA. 330+00.00

Total Volume at Station 330+00.00	
Cut Area	6.46
Fill Area	0.00
Cut Vol	2.99
Fill Vol	0.00
Cum Cut Vol	2.99
Cum Fill Vol	0.00
Net Vol	2.99



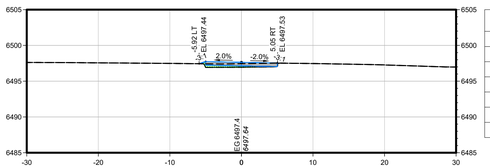
STA. 329+75.00

Total Volume at Station 329+75.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	0.00
Fill Vol	0.00
Cum Cut Vol	0.00
Cum Fill Vol	0.00
Net Vol	0.00



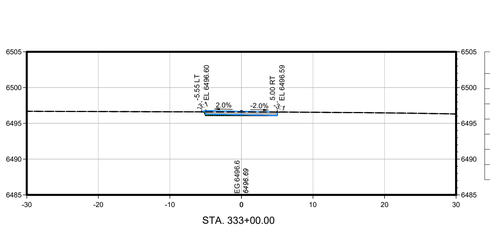
STA. 334+00.00

Total Volume at Station 334+00.00	
Cut Area	0.00
Fill Area	2.72
Cut Vol	0.00
Fill Vol	5.29
Cum Cut Vol	21.77
Cum Fill Vol	25.32
Net Vol	-3.56



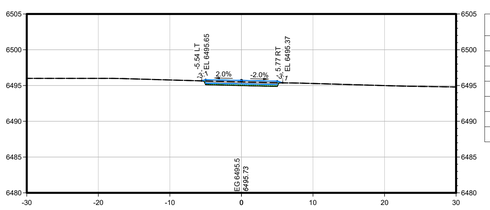
STA. 333+50.00

Total Volume at Station 333+50.00	
Cut Area	0.00
Fill Area	2.04
Cut Vol	0.00
Fill Vol	3.44
Cum Cut Vol	21.77
Cum Fill Vol	20.03
Net Vol	1.73



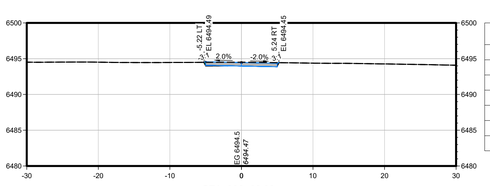
STA. 333+00.00

Total Volume at Station 333+00.00	
Cut Area	0.00
Fill Area	1.05
Cut Vol	0.00
Fill Vol	3.95
Cum Cut Vol	21.77
Cum Fill Vol	16.59
Net Vol	5.17



STA. 332+50.00

Total Volume at Station 332+50.00	
Cut Area	0.00
Fill Area	2.50
Cut Vol	0.33
Fill Vol	3.04
Cum Cut Vol	21.77
Cum Fill Vol	12.65
Net Vol	9.12



STA. 332+00.00

Total Volume at Station 332+00.00	
Cut Area	0.36
Fill Area	0.23
Cut Vol	0.33
Fill Vol	4.76
Cum Cut Vol	21.44
Cum Fill Vol	9.61
Net Vol	11.83

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SEGMENT 3 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

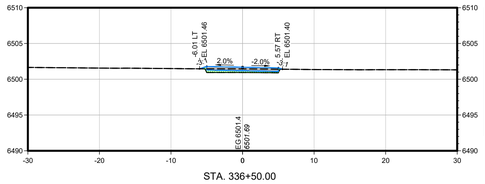
Date: November 2025

Scale: Horiz: 1" = 10'
Vert: 1" = 10'

Project No: 9230488

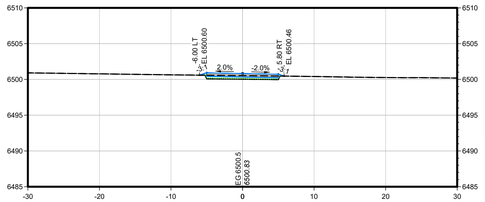
Sheet: RD-49

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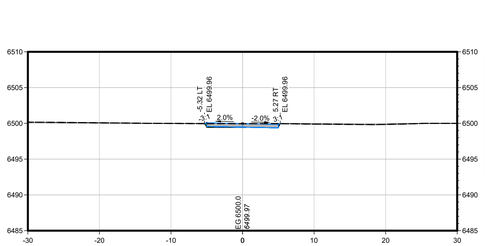
STA. 336+50.00

Total Volume at Station 336+50.00	
Cut Area	0.00
Fill Area	2.90
Cut Vol	0.00
Fill Vol	7.02
Cum Cut Vol	22.16
Cum Fill Vol	48.48
Net Vol	-26.32



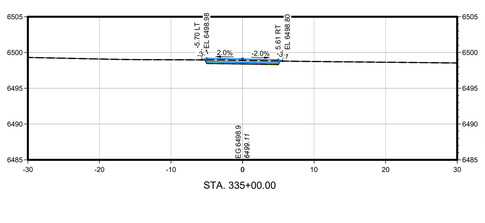
STA. 336+00.00

Total Volume at Station 336+00.00	
Cut Area	0.00
Fill Area	3.42
Cut Vol	0.20
Fill Vol	4.27
Cum Cut Vol	22.16
Cum Fill Vol	41.46
Net Vol	-19.29



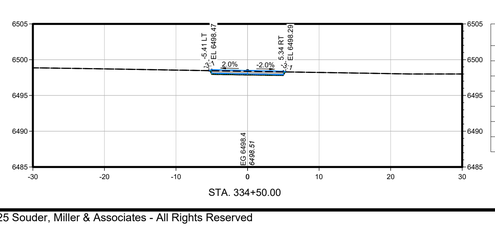
STA. 335+50.00

Total Volume at Station 335+50.00	
Cut Area	0.21
Fill Area	0.42
Cut Vol	0.20
Fill Vol	3.07
Cum Cut Vol	21.97
Cum Fill Vol	37.19
Net Vol	-15.22



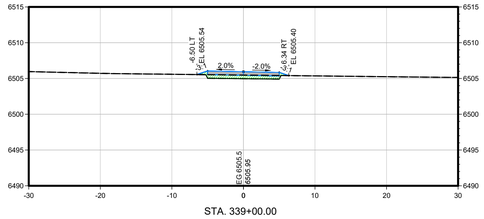
STA. 335+00.00

Total Volume at Station 335+00.00	
Cut Area	0.00
Fill Area	2.34
Cut Vol	0.00
Fill Vol	4.19
Cum Cut Vol	21.77
Cum Fill Vol	34.12
Net Vol	-12.35



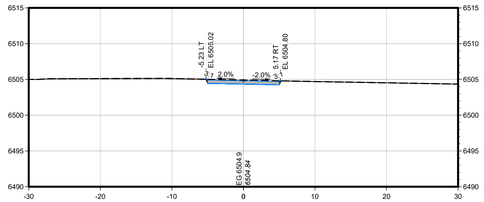
STA. 334+50.00

Total Volume at Station 334+50.00	
Cut Area	0.00
Fill Area	1.43
Cut Vol	0.00
Fill Vol	4.61
Cum Cut Vol	21.77
Cum Fill Vol	29.93
Net Vol	-8.17



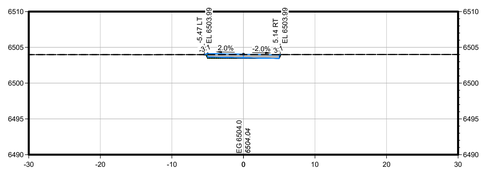
STA. 339+00.00

Total Volume at Station 339+00.00	
Cut Area	0.00
Fill Area	5.55
Cut Vol	0.62
Fill Vol	6.28
Cum Cut Vol	23.50
Cum Fill Vol	68.07
Net Vol	-44.57



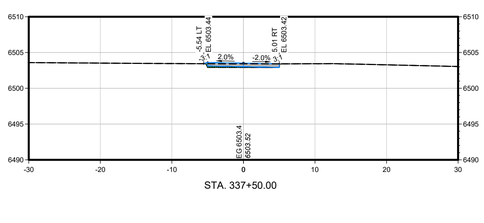
STA. 338+50.00

Total Volume at Station 338+50.00	
Cut Area	0.67
Fill Area	0.11
Cut Vol	0.67
Fill Vol	0.94
Cum Cut Vol	22.88
Cum Fill Vol	61.79
Net Vol	-38.91



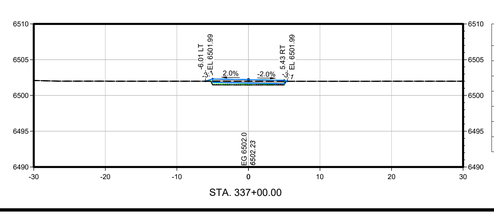
STA. 338+00.00

Total Volume at Station 338+00.00	
Cut Area	0.05
Fill Area	0.74
Cut Vol	0.05
Fill Vol	1.93
Cum Cut Vol	22.21
Cum Fill Vol	60.85
Net Vol	-38.63



STA. 337+50.00

Total Volume at Station 337+50.00	
Cut Area	0.00
Fill Area	1.03
Cut Vol	0.00
Fill Vol	4.18
Cum Cut Vol	22.16
Cum Fill Vol	58.92
Net Vol	-36.75



STA. 337+00.00

Total Volume at Station 337+00.00	
Cut Area	0.00
Fill Area	2.73
Cut Vol	0.00
Fill Vol	6.26
Cum Cut Vol	22.16
Cum Fill Vol	54.74
Net Vol	-32.57

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MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

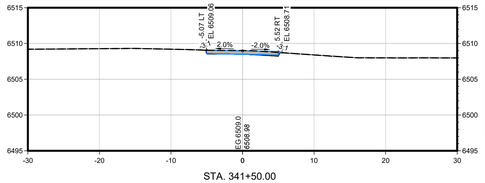
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Scale: Horiz: 1" = 10'
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Project No: 9230488

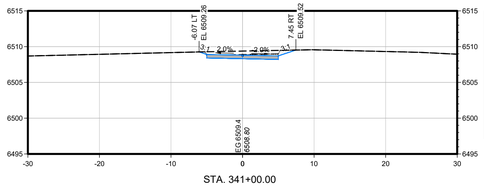
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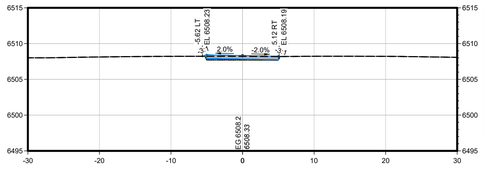
STA. 341+50.00

Total Volume at Station 341+50.00	
Cut Area	0.06
Fill Area	0.43
Cut Vol	6.33
Fill Vol	0.48
Cum Cut Vol	36.25
Cum Fill Vol	83.17
Net Vol	-46.93



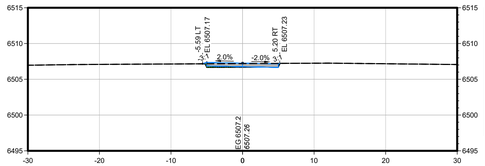
STA. 341+00.00

Total Volume at Station 341+00.00	
Cut Area	6.77
Fill Area	0.00
Cut Vol	6.27
Fill Vol	1.54
Cum Cut Vol	29.92
Cum Fill Vol	82.70
Net Vol	-52.78



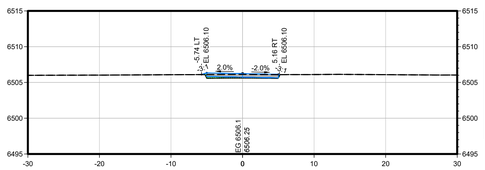
STA. 340+50.00

Total Volume at Station 340+50.00	
Cut Area	0.00
Fill Area	1.39
Cut Vol	0.07
Fill Vol	2.53
Cum Cut Vol	23.65
Cum Fill Vol	81.15
Net Vol	-57.50



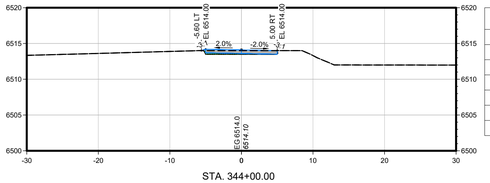
STA. 340+00.00

Total Volume at Station 340+00.00	
Cut Area	0.08
Fill Area	0.89
Cut Vol	0.08
Fill Vol	2.69
Cum Cut Vol	23.58
Cum Fill Vol	78.62
Net Vol	-55.04



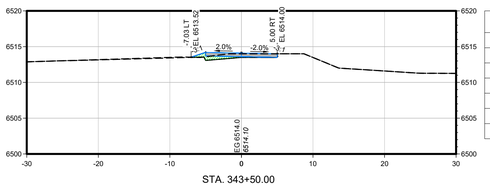
STA. 339+50.00

Total Volume at Station 339+50.00	
Cut Area	0.00
Fill Area	1.53
Cut Vol	0.00
Fill Vol	7.86
Cum Cut Vol	23.50
Cum Fill Vol	75.93
Net Vol	-52.43



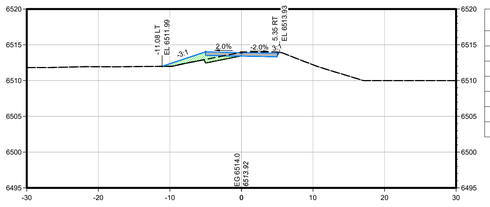
STA. 344+00.00

Total Volume at Station 344+00.00	
Cut Area	0.00
Fill Area	1.13
Cut Vol	0.00
Fill Vol	4.36
Cum Cut Vol	37.38
Cum Fill Vol	113.62
Net Vol	-76.23



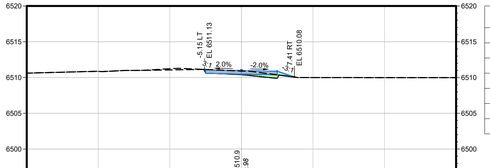
STA. 343+50.00

Total Volume at Station 343+50.00	
Cut Area	0.00
Fill Area	2.80
Cut Vol	0.50
Fill Vol	10.21
Cum Cut Vol	37.38
Cum Fill Vol	109.25
Net Vol	-71.87



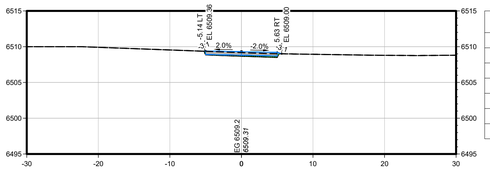
STA. 343+00.00

Total Volume at Station 343+00.00	
Cut Area	0.54
Fill Area	6.39
Cut Vol	0.54
Fill Vol	9.60
Cum Cut Vol	36.88
Cum Fill Vol	99.05
Net Vol	-62.16



STA. 342+50.00

Total Volume at Station 342+50.00	
Cut Area	0.04
Fill Area	2.25
Cut Vol	0.04
Fill Vol	4.15
Cum Cut Vol	36.34
Cum Fill Vol	89.45
Net Vol	-53.11



STA. 342+00.00

Total Volume at Station 342+00.00	
Cut Area	0.00
Fill Area	1.49
Cut Vol	0.06
Fill Vol	2.13
Cum Cut Vol	36.30
Cum Fill Vol	85.30
Net Vol	-49.00

Rev #	Date	Description	By	Chk'd

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Designed	Drawn	Checked
JTN	SMA	MAN

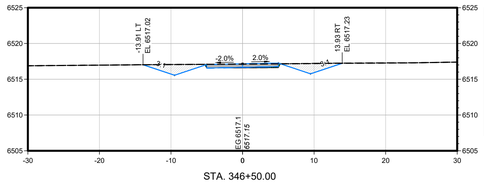
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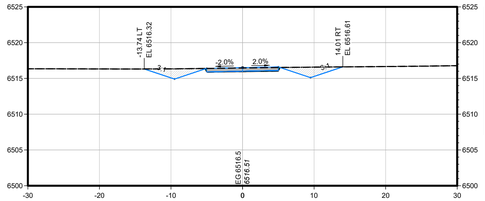
Sheet: RD-51

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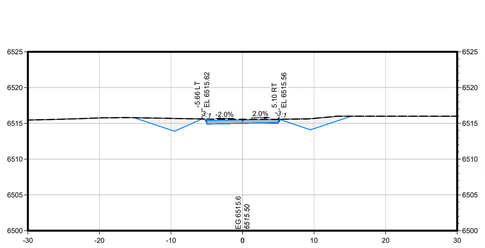
STA. 346+50.00

Total Volume at Station 346+50.00	
Cut Area	13.07
Fill Area	0.52
Cut Vol	23.77
Fill Vol	1.28
Cum Cut Vol	110.79
Cum Fill Vol	120.10
Net Vol	-9.31



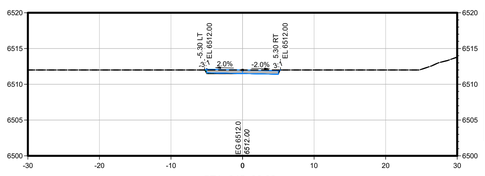
STA. 346+00.00

Total Volume at Station 346+00.00	
Cut Area	12.61
Fill Area	0.62
Cut Vol	27.86
Fill Vol	0.82
Cum Cut Vol	87.02
Cum Fill Vol	118.82
Net Vol	-31.80



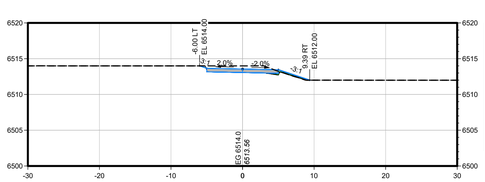
STA. 345+50.00

Total Volume at Station 345+50.00	
Cut Area	17.48
Fill Area	0.12
Cut Vol	16.42
Fill Vol	0.55
Cum Cut Vol	59.15
Cum Fill Vol	118.00
Net Vol	-58.84



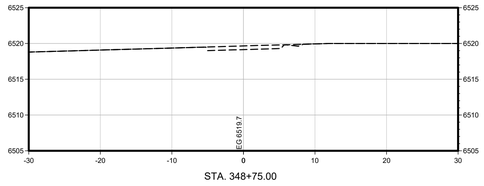
STA. 345+00.00

Total Volume at Station 345+00.00	
Cut Area	0.25
Fill Area	0.38
Cut Vol	2.79
Fill Vol	1.49
Cum Cut Vol	42.73
Cum Fill Vol	117.44
Net Vol	-74.71



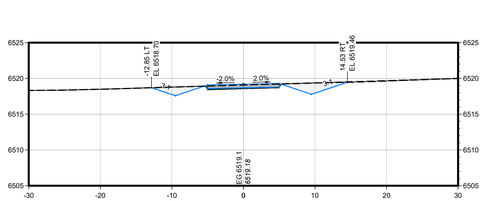
STA. 344+50.00

Total Volume at Station 344+50.00	
Cut Area	2.77
Fill Area	0.97
Cut Vol	2.56
Fill Vol	2.33
Cum Cut Vol	39.94
Cum Fill Vol	115.95
Net Vol	-76.01



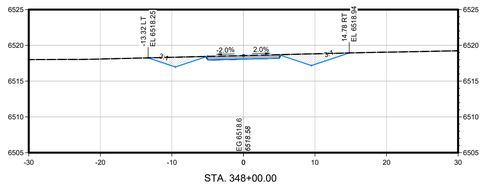
STA. 348+75.00

Total Volume at Station 348+75.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	5.54
Fill Vol	0.66
Cum Cut Vol	208.90
Cum Fill Vol	128.84
Net Vol	80.06



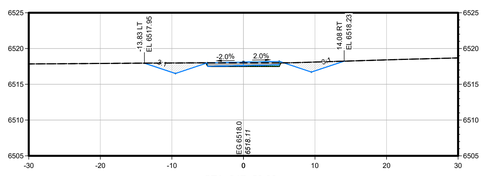
STA. 348+50.00

Total Volume at Station 348+50.00	
Cut Area	11.97
Fill Area	1.18
Cut Vol	23.75
Fill Vol	1.50
Cum Cut Vol	203.36
Cum Fill Vol	128.18
Net Vol	75.18



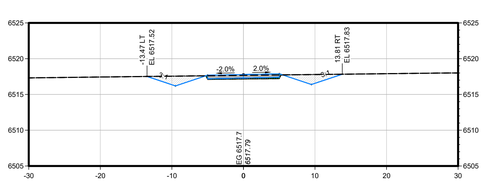
STA. 348+00.00

Total Volume at Station 348+00.00	
Cut Area	13.68
Fill Area	0.17
Cut Vol	24.10
Fill Vol	1.59
Cum Cut Vol	179.61
Cum Fill Vol	126.68
Net Vol	52.93



STA. 347+50.00

Total Volume at Station 347+50.00	
Cut Area	12.35
Fill Area	1.26
Cut Vol	22.03
Fill Vol	2.91
Cum Cut Vol	155.51
Cum Fill Vol	125.09
Net Vol	30.42



STA. 347+00.00

Total Volume at Station 347+00.00	
Cut Area	11.44
Fill Area	1.36
Cut Vol	22.69
Fill Vol	2.09
Cum Cut Vol	133.48
Cum Fill Vol	122.19
Net Vol	11.30

Rev #	Date	Description	By	Chk'd

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SEGMENT 3 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

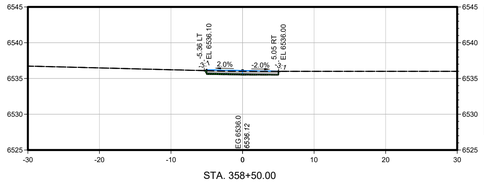
Date: November 2025

Scale: Horiz: 1" = 10'
Vert: 1" = 10'

Project No: 9230488

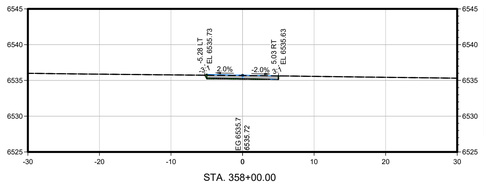
Sheet: RD-52

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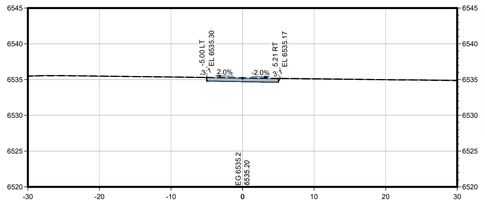
STA. 358+50.00

Total Volume at Station 358+50.00	
Cut Area	0.00
Fill Area	1.04
Cut Vol	0.01
Fill Vol	1.70
Cum Cut Vol	0.80
Cum Fill Vol	5.83
Net Vol	-5.03



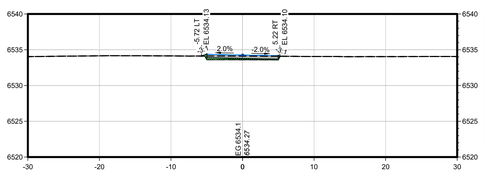
STA. 358+00.00

Total Volume at Station 358+00.00	
Cut Area	0.01
Fill Area	0.49
Cut Vol	0.35
Fill Vol	0.60
Cum Cut Vol	0.79
Cum Fill Vol	4.12
Net Vol	-3.33



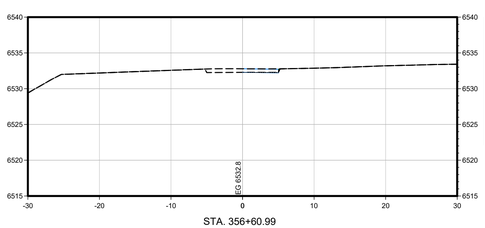
STA. 357+50.00

Total Volume at Station 357+50.00	
Cut Area	0.37
Fill Area	0.05
Cut Vol	0.34
Fill Vol	1.98
Cum Cut Vol	0.45
Cum Fill Vol	3.52
Net Vol	-3.07



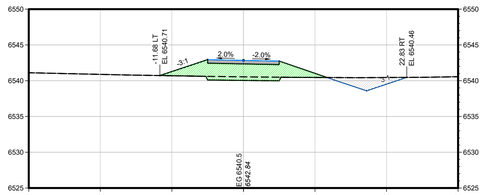
STA. 357+00.00

Total Volume at Station 357+00.00	
Cut Area	0.00
Fill Area	1.73
Cut Vol	0.11
Fill Vol	1.54
Cum Cut Vol	0.11
Cum Fill Vol	1.54
Net Vol	-1.43



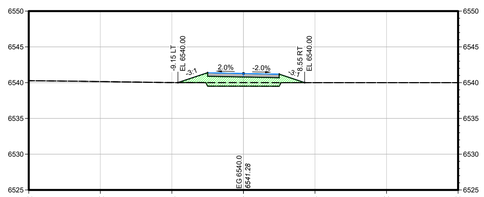
STA. 356+60.99

Total Volume at Station 356+60.99	
Cut Area	0.15
Fill Area	0.03
Cut Vol	0.00
Fill Vol	0.00
Cum Cut Vol	0.00
Cum Fill Vol	0.00
Net Vol	0.00



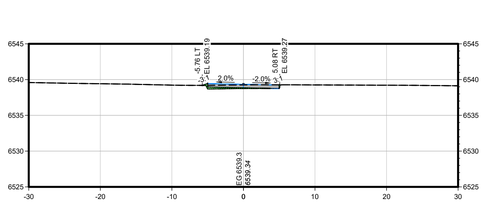
STA. 361+00.00

Total Volume at Station 361+00.00	
Cut Area	10.24
Fill Area	38.41
Cut Vol	9.48
Fill Vol	62.56
Cum Cut Vol	12.65
Cum Fill Vol	92.90
Net Vol	-80.25



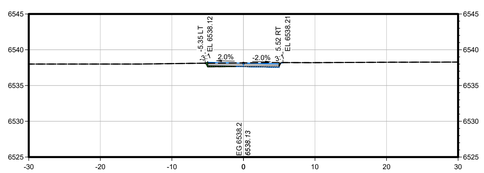
STA. 360+50.00

Total Volume at Station 360+50.00	
Cut Area	0.00
Fill Area	17.90
Cut Vol	0.02
Fill Vol	21.21
Cum Cut Vol	3.17
Cum Fill Vol	30.34
Net Vol	-27.17



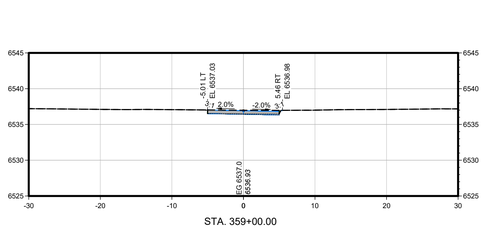
STA. 360+00.00

Total Volume at Station 360+00.00	
Cut Area	0.02
Fill Area	1.19
Cut Vol	0.53
Fill Vol	1.69
Cum Cut Vol	3.16
Cum Fill Vol	9.14
Net Vol	-5.98



STA. 359+50.00

Total Volume at Station 359+50.00	
Cut Area	0.55
Fill Area	0.33
Cut Vol	1.17
Fill Vol	0.41
Cum Cut Vol	2.63
Cum Fill Vol	7.44
Net Vol	-4.81



STA. 359+00.00

Total Volume at Station 359+00.00	
Cut Area	0.71
Fill Area	0.04
Cut Vol	0.66
Fill Vol	1.20
Cum Cut Vol	1.46
Cum Fill Vol	7.03
Net Vol	-5.57

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NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

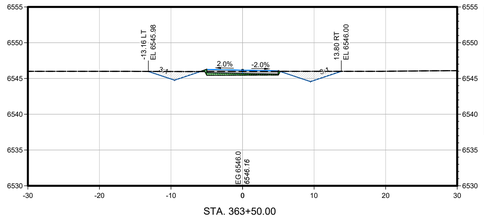
Date: November 2025

Scale: Horiz: 1" = 10'
Vert: 1" = 10'

Project No: 9230488

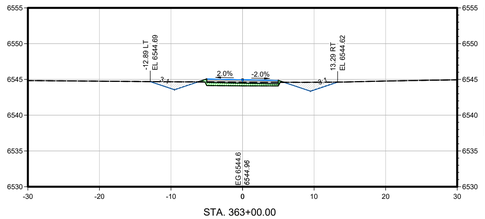
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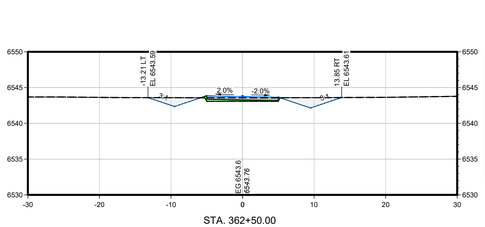
STA. 363+50.00

Total Volume at Station 363+50.00	
Cut Area	10.56
Fill Area	2.11
Cut Vol	17.47
Fill Vol	6.74
Cum Cut Vol	179.68
Cum Fill Vol	154.67
Net Vol	25.01



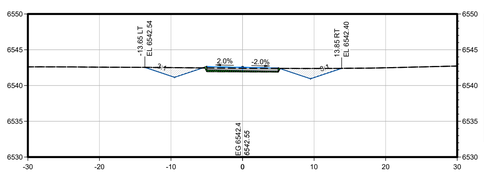
STA. 363+00.00

Total Volume at Station 363+00.00	
Cut Area	8.31
Fill Area	3.96
Cut Vol	17.59
Fill Vol	6.64
Cum Cut Vol	162.21
Cum Fill Vol	147.93
Net Vol	14.28



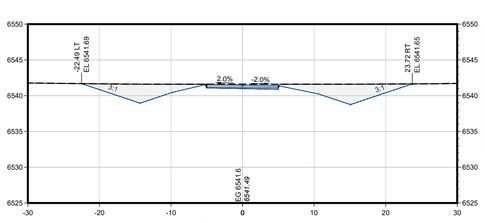
STA. 362+50.00

Total Volume at Station 362+50.00	
Cut Area	10.69
Fill Area	2.01
Cut Vol	20.67
Fill Vol	3.89
Cum Cut Vol	144.62
Cum Fill Vol	141.29
Net Vol	3.32



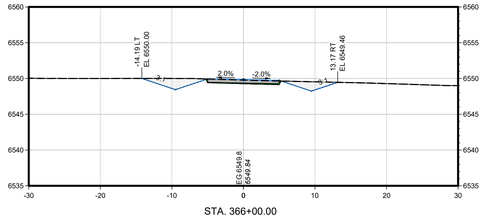
STA. 362+00.00

Total Volume at Station 362+00.00	
Cut Area	11.63
Fill Area	1.49
Cut Vol	56.29
Fill Vol	1.74
Cum Cut Vol	123.95
Cum Fill Vol	137.40
Net Vol	-13.45



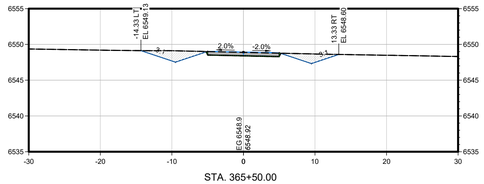
STA. 361+50.00

Total Volume at Station 361+50.00	
Cut Area	49.17
Fill Area	0.07
Cut Vol	55.00
Fill Vol	42.76
Cum Cut Vol	67.65
Cum Fill Vol	135.66
Net Vol	-68.01



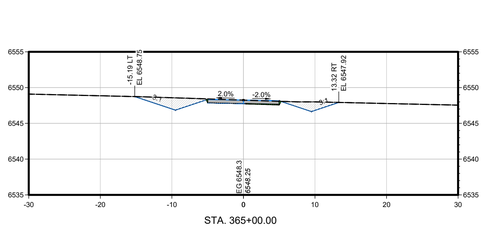
STA. 366+00.00

Total Volume at Station 366+00.00	
Cut Area	12.38
Fill Area	0.68
Cut Vol	23.39
Fill Vol	1.25
Cum Cut Vol	295.06
Cum Fill Vol	164.04
Net Vol	131.02



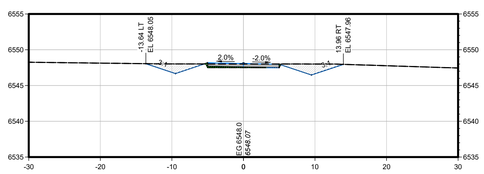
STA. 365+50.00

Total Volume at Station 365+50.00	
Cut Area	12.88
Fill Area	0.44
Cut Vol	25.29
Fill Vol	0.77
Cum Cut Vol	271.67
Cum Fill Vol	162.79
Net Vol	108.88



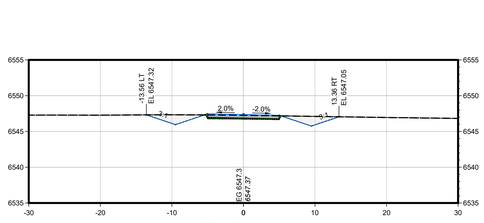
STA. 365+00.00

Total Volume at Station 365+00.00	
Cut Area	14.43
Fill Area	0.26
Cut Vol	24.94
Fill Vol	1.17
Cum Cut Vol	246.38
Cum Fill Vol	162.02
Net Vol	84.37



STA. 364+50.00

Total Volume at Station 364+50.00	
Cut Area	12.50
Fill Area	0.80
Cut Vol	21.78
Fill Vol	2.36
Cum Cut Vol	221.45
Cum Fill Vol	160.84
Net Vol	60.61



STA. 364+00.00

Total Volume at Station 364+00.00	
Cut Area	11.03
Fill Area	1.32
Cut Vol	19.99
Fill Vol	3.81
Cum Cut Vol	199.67
Cum Fill Vol	158.48
Net Vol	41.18

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19479
PROFESSIONAL ENGINEER

11/26/2025

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Designed	Drawn	Checked
JTN	SMA	MAN

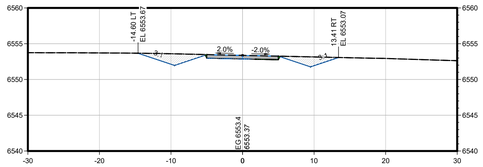
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Vert: 1" = 10'

Project No: 9230488

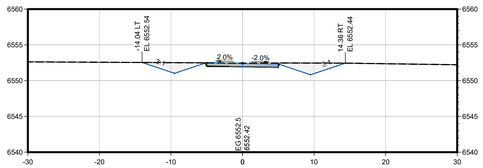
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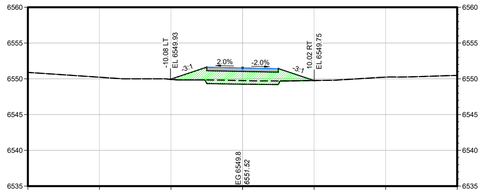
STA. 368+50.00

Total Volume at Station 368+50.00	
Cut Area	13.71
Fill Area	0.12
Cut Vol	26.59
Fill Vol	0.30
Cum Cut Vol	370.79
Cum Fill Vol	317.52
Net Vol	53.27



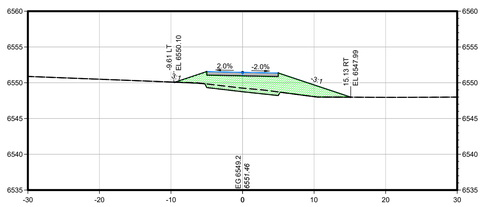
STA. 368+00.00

Total Volume at Station 368+00.00	
Cut Area	15.01
Fill Area	0.16
Cut Vol	13.90
Fill Vol	29.94
Cum Cut Vol	344.20
Cum Fill Vol	317.21
Net Vol	26.99



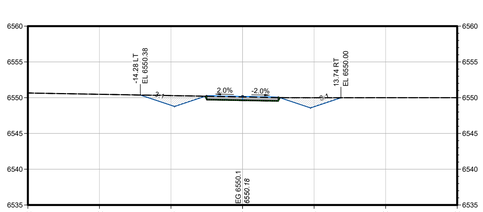
STA. 367+50.00

Total Volume at Station 367+50.00	
Cut Area	0.00
Fill Area	26.79
Cut Vol	0.00
Fill Vol	75.20
Cum Cut Vol	330.30
Cum Fill Vol	287.27
Net Vol	43.03



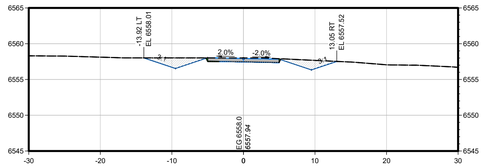
STA. 367+00.00

Total Volume at Station 367+00.00	
Cut Area	0.00
Fill Area	40.89
Cut Vol	11.89
Fill Vol	46.35
Cum Cut Vol	330.30
Cum Fill Vol	212.07
Net Vol	118.23



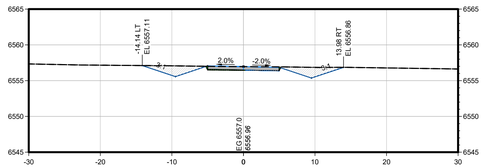
STA. 366+50.00

Total Volume at Station 366+50.00	
Cut Area	12.84
Fill Area	0.83
Cut Vol	23.35
Fill Vol	1.68
Cum Cut Vol	318.41
Cum Fill Vol	165.72
Net Vol	152.69



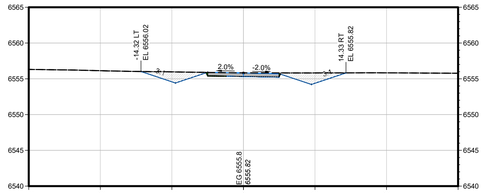
STA. 371+00.00

Total Volume at Station 371+00.00	
Cut Area	12.47
Fill Area	0.12
Cut Vol	24.25
Fill Vol	0.43
Cum Cut Vol	501.05
Cum Fill Vol	326.01
Net Vol	175.04



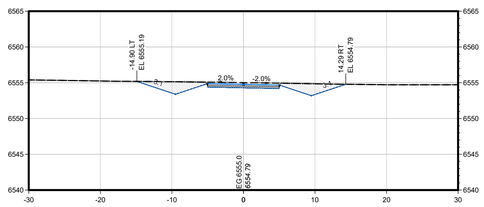
STA. 370+50.00

Total Volume at Station 370+50.00	
Cut Area	13.72
Fill Area	0.26
Cut Vol	26.77
Fill Vol	0.43
Cum Cut Vol	476.80
Cum Fill Vol	325.58
Net Vol	151.22



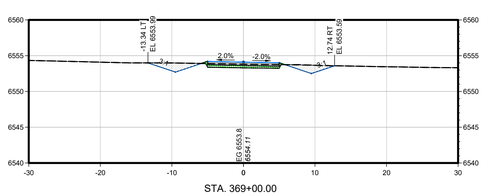
STA. 370+00.00

Total Volume at Station 370+00.00	
Cut Area	15.19
Fill Area	0.12
Cut Vol	32.22
Fill Vol	0.17
Cum Cut Vol	450.03
Cum Fill Vol	325.15
Net Vol	124.88



STA. 369+50.00

Total Volume at Station 369+50.00	
Cut Area	19.61
Fill Area	0.03
Cut Vol	26.24
Fill Vol	3.68
Cum Cut Vol	417.81
Cum Fill Vol	324.98
Net Vol	92.83



STA. 369+00.00

Total Volume at Station 369+00.00	
Cut Area	8.73
Fill Area	3.28
Cut Vol	20.78
Fill Vol	3.78
Cum Cut Vol	391.57
Cum Fill Vol	321.30
Net Vol	70.27

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ARROYO HONDO DE SANTA FE — SANTA FE, NEW MEXICO

OSHARA OFF-SITE UTILITIES
SANTA FE, NEW MEXICO
SR-14 INTERCEPTOR ROAD SEGMENT
4 CROSS SECTIONS

MATTHEW A. NIGHBERT
NEW MEXICO
19479
PROFESSIONAL ENGINEER

11/26/2025

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED.

Designed	Drawn	Checked
JTN	SMA	MAN

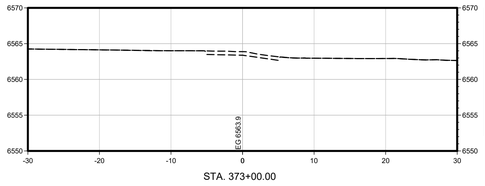
Date: November 2025

Scale: Horiz: 1" = 10'
Vert: 1" = 10'

Project No: 9230488

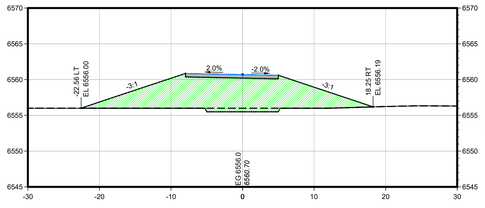
Sheet: RD-55

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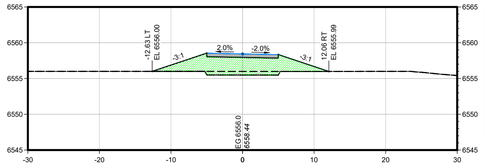
STA. 373+00.00

Total Volume at Station 373+00.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	0.00
Fill Vol	140.82
Cum Cut Vol	512.60
Cum Fill Vol	803.27
Net Vol	-290.67



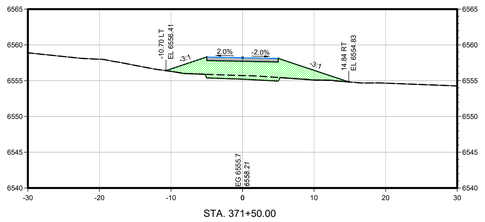
STA. 372+50.00

Total Volume at Station 372+50.00	
Cut Area	0.00
Fill Area	126.73
Cut Vol	0.00
Fill Vol	187.46
Cum Cut Vol	512.60
Cum Fill Vol	662.46
Net Vol	-149.86



STA. 372+00.00

Total Volume at Station 372+00.00	
Cut Area	0.00
Fill Area	42.65
Cut Vol	0.00
Fill Vol	98.12
Cum Cut Vol	512.60
Cum Fill Vol	474.99
Net Vol	37.61



STA. 371+50.00

Total Volume at Station 371+50.00	
Cut Area	0.00
Fill Area	45.66
Cut Vol	11.55
Fill Vol	50.87
Cum Cut Vol	512.60
Cum Fill Vol	376.88
Net Vol	135.72

Rev #	Date	Description	By	Chk'd

SOUDER, MILLER & ASSOCIATES
Engineering • Environmental • Geomatics
Serving the Southwest & Rocky Mountains
5454 Venice Avenue NE, Suite D
Albuquerque, NM 87113
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