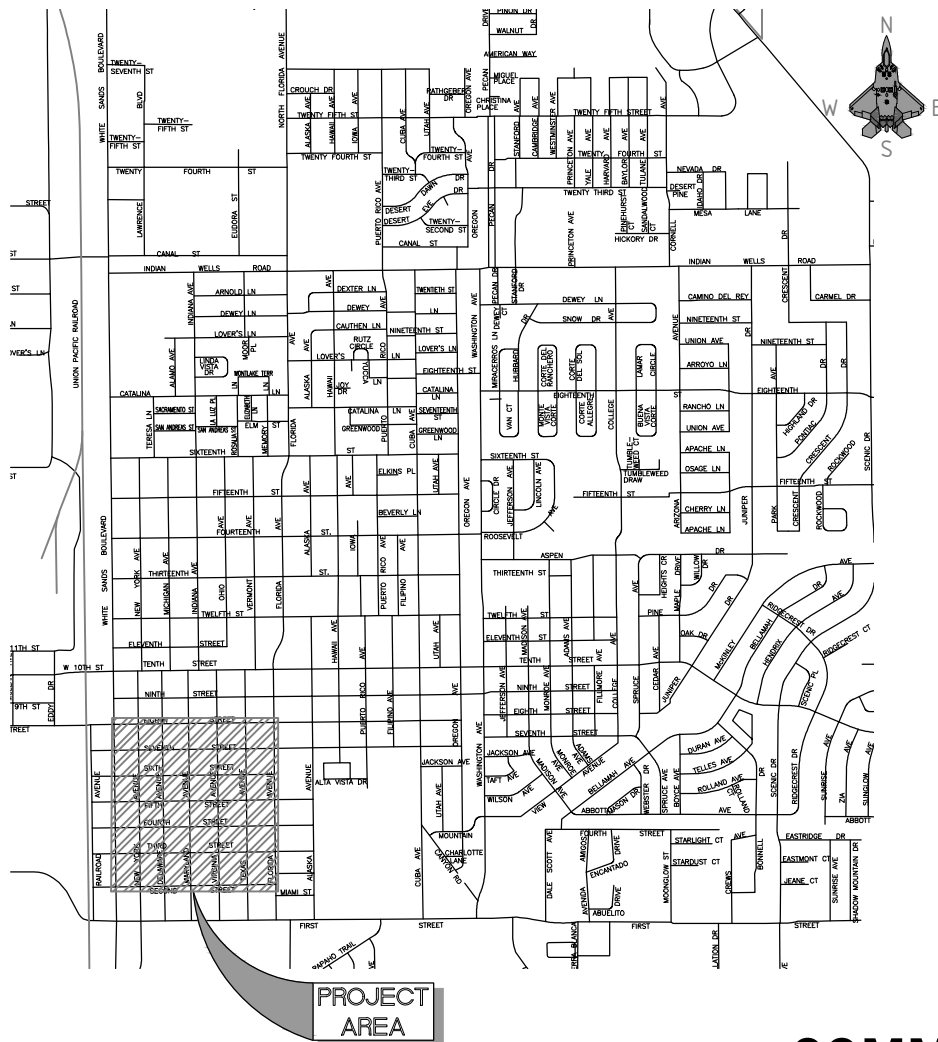


ENGINEERING DEPARTMENT



VICINITY MAP
NO SCALE



2022 IMPROVEMENT PLANS FOR COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) ALAMOGORDO ADA COMPLIANT SIDEWALK IMPROVEMENTS

PROJECT NO. 19-C-NR-I-01-G-18

Sheet Legend

- Sht 1 - Cover Sheet with Vicinity Map
- G - General Sheets
- Q - Summary of Quantities
- SR - Survey Sheet and Control Points
- R - Removal Plan Sheets
- RC - Roadway Construction Plans
- GD - Grading and Drainage Plans
- ST - Pavement Marking Plans and Details
- TS - Traffic Signing Plans and Details
- U - Utility Plans and Details
- D - Miscellaneous Detail Plan Sheets
- NMDOT - New Mexico Department of Transportation Standard Drawings

City Commissioners

Susan L. Payne, Mayor

Nick Paul

Stephen Burnett

Karl Melton

Josh Rardin

Sharon McDonald

Dusty Wright, Mayor Pro-Tem

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

AGENCY	PLAN REVIEW BY	DATE	DEPARTMENT	PLAN REVIEW BY	DATE	REVISIONS			ENGINEERING DEPT.
						NUMBER	DESCRIPTION	DATE	
POWER NEW MEXICO	ISAAC MUNCY	03/23/2022	ENGINEERING						
NEW MEXICO GAS COMPANY	ORLANDO MARTINEZ	01/25/2022	PUBLIC WORKS DEPARTMENT						
LUMEN	JAIME LIMON	02/25/2022	UTILITY DEPARTMENT	RICHARD L. MARSH	01/14/2022				
TDS	JOHNNY RODRIGUEZ	03/21/2022	STREETS AND DRAINAGE						
TULAROSA BASIN TELEPHONE COMPANY	RICHARD L. SUGGS	01/19/2022	FACILITY MAINTENANCE						
NM-GOVERNOR'S COMMISSION ON DISABILITY	STAN ROSS	05/04/2022	COMMUNITY DEVELOPMENT						
NEW MEXICO DEPARTMENT OF TRANSPORTATION	FRANCISCO SANCHEZ	05/05/2022	PLANNING AND ZONING						
			PARKS						
			DEPARTMENT OF PUBLIC SAFETY						

ENGINEERING DEPT.

COVER SHEET

Public Works Bid No.:
2022-004

Engineering No.:
19-C-NR-I-01-G-18

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Sheet List Table

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GD1.0	RAMP DETAILS
GD2.0	RAMP DETAILS
GD3.0	RAMP DETAILS
GD4.0	RAMP DETAILS
GD5.0	RAMP DETAILS
GD6.0	RAMP DETAILS
GD7.0	RAMP DETAILS
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GD34.0	RAMP DETAILS
GD35.0	RAMP DETAILS

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REV. No.	DATE	DESCRIPTION	APPROVED

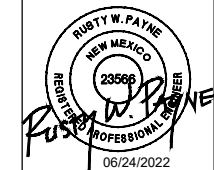
New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

SHEET INDEX

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



SMITH ENGINEERING
 Solutions for Today... Vision for Tomorrow
 201 N Church Street Suite 200A
 Las Cruces, NM 89001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.: G1.0
Drawn By: SMITH Designed By: SMITH	Sheet 2 of 91
Checked By: SMITH Approved By: COA	19-C-NR-I-01-G-18
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	

GENERAL NOTES:

- SPECIFICATIONS:** THE CITY OF ALAMOGORDO TECHNICAL STANDARDS AND THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION (NMDOT) STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) SHALL GOVERN CONSTRUCTION OF THIS PROJECT. SEE BID DOCUMENT MANUAL, TECHNICAL SPECIFICATIONS FOR CONTRACT DOCUMENTS ORDER OF IMPORTANCE.
- GENERAL NOTES:** GENERAL NOTES SHALL APPLY TO ALL SHEETS, EXCEPT WHERE MORE SPECIFIC INFORMATION IS PROVIDED. SEE INDIVIDUAL DRAWINGS FOR ADDITIONAL ABBREVIATIONS, SYMBOLS, LEGENDS, NOTES, DETAILS, AND OTHER REQUIREMENTS. IN ALL CASES, THE INFORMATION SHOWN ON INDIVIDUAL DRAWINGS SHALL GOVERN OVER ANY GENERAL INFORMATION. NOT ALL SPECIFIED ITEMS AND/OR STANDARD DETAILS SHOWN MAY BE APPLICABLE TO THIS PROJECT.
- MEANS, METHODS OR TECHNIQUES:** THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS OR TECHNIQUES, NOR FOR THE EXECUTION OF THE WORK AS SHOWN ON THESE DRAWINGS. THE OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THE CONTRACTORS OR SUBCONTRACTORS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- SAFETY REQUIREMENTS:** THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL WORK AREAS IN SAFE CONDITION FOR THE PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE FOR ALL CONTRACTOR PERSONNEL AND SUBCONTRACTOR PERSONNEL WITH APPLICABLE CURRENT FEDERAL, OSHA, STATE, COUNTY, AND CITY LAWS, ORDINANCES, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA TRENCH SAFETY RULES AND REGULATIONS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL INSTALL, AT A MINIMUM, SAFETY FENCING 48-INCHES IN HEIGHT AROUND THE PERIMETER OF OPEN TRENCHES AND REMOVAL AREAS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- CONTRACTOR RESPONSIBILITY:** THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE CONTRACTORS PERFORMANCE OF WORK ON THIS PROJECT.
- PROJECT DEVIATIONS:** ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS BY THE CONTRACTOR MUST BE ACCEPTED BY THE ENGINEER, IN WRITING, PRIOR TO THE WORK BEING DONE. ANY DEVIATIONS PERFORMED WITHOUT THE ENGINEER'S APPROVAL WILL NOT BE PAID FOR AND MAY BE REQUIRED TO BE RECONSTRUCTED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
- PUBLIC ACCESS TO LOCAL BUSINESSES & RESIDENCES:** THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE PROPERTY OWNERS AND THE ENGINEER OF ANY ACCESS MODIFICATIONS, AT LEAST 24 HOURS IN ADVANCE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- PERMITTING:** IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REQUEST AND OBTAIN ALL PERMITS NECESSARY FOR THIS PROJECT PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CURRENT FEDERAL, OSHA, STATE, COUNTY, AND CITY LAWS, ORDINANCES, RULES AND REGULATIONS.
- MAINTENANCE OF AS-BUILT PLANS:** THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN ONE-WEEK, AT ALL TIMES AND 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 7-DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT. FINAL AS-BUILT PLANS SHALL BE DELIVERED IN CLEAN HARD COPY. CONTRACTOR CERTIFICATION SHALL BE CLEARLY STATED ON THE COVER SHEET. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- WATER FOR CONSTRUCTION:** THE CONTRACTOR WILL BE RESPONSIBLE FOR PURCHASING ALL OF THE RECLAIMED WATER NEEDED FOR CONSTRUCTION FROM THE CITY OF ALAMOGORDO. THE COST WILL BE DETERMINED IN ACCORDANCE WITH THE CURRENT RECLAIMED WATER RATES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO TRANSPORT AND APPLY THE RECLAIMED WATER AS SPECIFIED OR AS ORDERED BY THE ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR LOCATION OF SOURCES. THIS COST SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OF PAYMENT WILL BE MADE THEREFORE.
- INTERRUPTION OF SERVICE:** CONTRACTOR MUST MAINTAIN WATER SERVICE AT ALL TIMES AS DIRECTED BY THE ENGINEER. IF AN INTERRUPTION OF SERVICE IS UNAVOIDABLE, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED RESIDENTS ON A DOOR-TO-DOOR BASIS OR AS AGREED WITH THE ENGINEER. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR ALL WATER SHUT-OFFS.
- EARTHWORK HAUL:** THE EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEMS "UNCLASSIFIED EXCAVATION", AND "BORROW", AS APPLICABLE, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR HAUL.
- PAVEMENT DROP-OFF POLICY:** IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT'S CURRENT "DROP-OFF POLICY". THE POLICY IS AVAILABLE FROM THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- WARPING OF SLOPES:** THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION EASEMENT LIMITS.
- MATERIAL PITS:** NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE. ALL MATERIAL PITS SHALL BE GOVERNED BY SECTION 106 OF THE NMDOT STANDARD SPECIFICATIONS.
- CONSTRUCTION EQUIPMENT & MATERIAL STORAGE:** THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 28 FEET FROM THE EDGE OF THE DRIVING LANE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. ALL EQUIPMENT AND MATERIAL STORED IN STAGING YARD SHALL BE PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. IN NO CASE SHALL THE CONTRACTOR STORE EQUIPMENT OR MATERIAL IN THE DRIVING LANE. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- PROTECTION OF SURVEY MONUMENTS:** THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS AND CONTROL POINTS FROM DAMAGE PRIOR TO INITIATING CONSTRUCTION. AN INVENTORY OF THE EXISTING MONUMENTS WILL BE TAKEN BY THE ENGINEER AND THE CONTRACTOR PRIOR TO START OF CONSTRUCTION. IF, DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MARK, THE CONTRACTOR SHALL ESTABLISH A NEW MARK IN COMPLIANCE WITH THE STANDARDS AND PROCEDURES SET FORTH IN THE "GEODETIC MARK PRESERVATION GUIDEBOOK", NATIONAL GEODETIC SURVEY, MARCH 1990, CONTACT: NGS MARK PRESERVATION CENTER-NOAA, TELEPHONE (505) 768-3606.

- REMOVALS:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. REMOVALS NOT SHOWN ON THE PLANS WILL BE DESIGNATED BY THE ENGINEER. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" AND THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR UNLISTED REMOVALS. ITEMS THAT ARE SCHEDULED TO BE REMOVED AND REPLACED SHALL BE REPLACED WITHIN SEVEN (7) DAYS OF THEIR REMOVAL.
- SAW CUTTING:** CONTRACTOR SHALL SAW CUT PAVEMENT, CONCRETE SIDEWALK, CONCRETE DRIVE WAYS AND CURB AND GUTTER AT TIE-INS AS REQUIRED FOR A SMOOTH TRANSITION. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- SALVAGEABLE MATERIALS:** SALVAGEABLE MATERIALS FROM THIS PROJECT ARE TO BE HAULED AND STOCK PILED AT THE CITY YARD LOCATED AT 2600 N. FLORIDA AVENUE. HAUL OF SUCH MATERIAL SHALL BE PERFORMED DURING NORMAL WORKING HOURS AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM "REMOVAL OF STRUCTURES AND OBSTRUCTIONS".
- WASTE MATERIALS:** WASTE MATERIAL MUST BE DISPOSED OF AT A STATE APPROVED SITE.
- PROTECTION OF EXISTING UTILITIES:** THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND AND OVERHEAD UTILITIES AND SHALL COORDINATE ALL WORK WITH UTILITY OWNERS. ALL IMPROVEMENTS WHICH ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED, RECONSTRUCTED OR REPLACED WITHIN 24 HOURS TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
- CONTRACTOR COORDINATION WITH UTILITIES:** THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATION WORK BY THE UTILITY OWNERS MAY BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS. ANY CLAIMS FOR DELAY SHALL BE CONTROLLED BY THE TERMS AND CONDITIONS OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
- VERIFY ELEVATIONS:** THE CONTRACTOR SHALL EMPLOY A LICENSED NEW MEXICO SURVEYOR AND SHALL FIELD VERIFY ALL ELEVATIONS, DIMENSIONS, AND RIGHT-OF-WAY PRIOR TO THE BEGINNING OF CONSTRUCTION. THE ELEVATIONS WERE BASED ON AS-BUILT AND FIELD SURVEY DATA. THE CONTRACTOR SHALL LIMIT ALL WORK ON THIS PROJECT TO WITHIN THE EXISTING RIGHT-OF-WAY AND EASEMENTS. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION STAKING BID ITEM AND TO THE COMPLETION OF THE PROJECT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- UTILITY DISCLAIMER:** UTILITY LOCATIONS SHOWN HEREON ARE BASED ON THE BEST AVAILABLE EVIDENCE INCLUDING PHYSICAL FEATURES SUCH AS VALVES, PEDESTALS, WARNING MARKERS AND SPOTS BY UTILITY LOCATING SERVICES. THERE IS NO GUARANTEE AS TO THE COMPLETENESS OR ACCURACY OF THE UTILITY DATA SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE CONFLICT WITH MINIMUM DELAY. EXCAVATION TO VERIFY LOCATIONS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- TRAFFIC CONTROL:** THE CONTRACTOR SHALL MAINTAIN AND CONTROL TRAFFIC AS OUTLINED IN THE "MUTCD, LATEST EDITION DURING CONSTRUCTION. ANY NECESSARY DEVIATION FROM THE "MUTCD, LATEST EDITION" SHALL HAVE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A COPY OF TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL, PRIOR TO START OF CONSTRUCTION.
- TRUCK WEIGHT:** MAXIMUM WEIGHT OF TRUCKS SHALL CONFORM TO N.M.D.O.T. STANDARDS. CONTRACTOR TO REPLACE ANY DAMAGED STREETS USED DURING CONSTRUCTION HAULING. REPLACEMENT OF DAMAGED STREETS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- WORK CONFINEMENT:** THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS OR RIGHT-OF-WAY. PARKING OF EMPLOYEES PRIVATE VEHICLES SHALL NOT BE ALLOWED ALONG CONSTRUCTION AREAS THROUGHOUT CONSTRUCTION LIMITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROHIBIT ASPHALT VEHICLES AND EQUIPMENT, ROLLERS, CRANES, ETC., FROM DRIVING UPON, ACROSS, OR TURNING ON PRIVATE PROPERTY ADJACENT TO PROJECT WORK AREAS.
- SURFACE FEATURES:** CONTRACTOR SHALL REPAIR OR REPLACE FENCES, BLOCK WALLS, OR SURFACE FEATURES, DAMAGED BY CONTRACTOR'S OR SUBCONTRACTOR'S OPERATIONS, TO EXISTING OR BETTER CONDITION. REPAIR OR REPLACEMENT OF FENCES, BLOCK WALLS, OR SURFACE FEATURES SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- PROJECT VIDEO:** PRIOR TO INITIATING CONSTRUCTION OPERATIONS, CONTRACTOR, SHALL PERFORM DIGITAL VIDEO RECORDING OF THE ENTIRE PROJECT, ITS FULL LENGTH AND WIDTH. THE CONTRACTOR, SHALL ALSO INCLUDE OR ADD AS NECESSARY, ANY AREAS TO BE DISTURBED FOR MATERIAL STORAGE, EMPLOYEE PARKING OR EQUIPMENT STORAGE.

THE VIDEO DOCUMENTATION SHALL BE COMPLETED IN DIGITAL FORMAT; IT SHALL BE A MINIMUM RESOLUTION OF 1920 X 1080 PIXELS, AT 60 FPS (FRAME PER SECOND) AND IN COLOR. THE VIDEO DOCUMENTATION SHALL BE PERFORMED BETWEEN 10:00 A.M. AND 2:00 P.M. DURING PERIODS OF FULL SUN EXPOSURE. THE ACTUAL DATE OF RECORDING SHALL BE DATE-STAMPED WITHIN EACH FRAME OF THE VIDEO. APPROVAL OF THE VIDEO MUST BE OBTAINED FROM THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CLEARING AND GRUBBING OPERATIONS.

A DVD COPY OF THE VIDEO RECORDING SHALL BE SUBMITTED TO THE ENGINEER, IN A FORMAT COMPATIBLE WITH STANDARD DVD PLAYERS.

ALL COST ASSOCIATED WITH THE VIDEO RECORDING SPECIFIED IN THIS ARTICLE SHALL BE CONSIDERED INCIDENTAL TO OTHER RELATED ITEMS OF WORK AND NO SEPARATE PAYMENT WILL BE MADE UNLESS SPECIFICALLY INDICATED ELSEWHERE IN THE SPECIAL PROVISIONS.
- SITE CLEAN UP:** PROJECT SITE(S) AND YARD(S) SHALL BE MAINTAINED BY CONTRACTOR AND KEPT IN A CLEAN AND ORDERLY MANNER TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- CONCRETE WASHOUT:** CONTRACTORS SHALL DESIGNATE, MAINTAIN, AND REMOVE CONCRETE WASHOUT WASTES IN ACCORDANCE WITH THE EPA BEST MANAGEMENT PRACTICES. THIS SHALL INCLUDE COLLECTION, RETENTION, AND RECYCLING/DISPOSAL OF WASHOUT WATER AND SOLIDS TO PREVENT CAUSTIC MATERIAL EXPOSURE TO SOILS AND GROUND WATER. MEASURES SHALL INCLUDE WASHOUT CONTAINMENT FACILITY(S), DIRECTIONAL SIGNAGE, AND DAILY INSPECTIONS FOR LEAK MONITORING AND CAPACITY OF CONTAINMENT FACILITY. ALL COSTS ASSOCIATED WITH THE CONCRETE WASHOUT SPECIFIED HEREIN SHALL BE CONSIDERED INCIDENTAL TO OTHER RELATED ITEMS OF WORK AND NO SEPARATE PAYMENT WILL BE MADE UNLESS SPECIFICALLY INDICATED ELSEWHERE IN THE SPECIAL PROVISIONS.

UTILITY COMPANY CONTACTS:

CITY OF ALAMOGORDO:
 WATER/SEWER: DAVE NUNNELLEY - 575.430.1947
 FACILITY/FIBER OPTIC: PAUL BENNETT - 575.921.4402
 PARK SUPERVISOR: ERIK MARION - 575.439.4139

PNM ELECTRIC: (OFFICE) 575.443.6610
 WILSON GUIN 575.430.2977
 ISAAC MUNCY 575.430.2171

NEW MEXICO GAS COMPANY: NATURAL GAS (OFFICE) 1.888.664.2726
 TIM TURRI 575.443.6424
 MARIO ESTRADA 575.430.8381
 ORLANDO MARTINEZ 575.202.9545

TELEPHONE (CENTURY LINK): GARY NELSON (O) 575.767.7467

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REV. No.	DATE	DESCRIPTION	APPROVED

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NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

GENERAL NOTES & UTILITY CONTACTS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: COA Designed By: COA
 Checked By: COA Approved By: COA

Scale: **HORIZ. BAR SCALE**
 INCLUDE VERT SCALE ON P&P

Sheet No.: **G2.0**
 Sheet 3 of 91
 19-C-NR-I-01-G-18

BASE BID SUMMARY OF QUANTITIES:

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	CLEARING & GRUBBING; CIP	L.S.	1	
2	MOBILIZATION; CIP	L.S.	1	
3	FURNISH, PROVIDE, & MAINTAIN MUTCD PLAN; CIP	L.S.	1	
4	CONSTRUCTION STAKING & SURVEYING BY THE CONTRACTOR; CIP	L.S.	1	
5	12" SUBGRADE PREPARATION; CIP	SY	2,030	
6	8" BASE COURSE; CIP	SY	2,030	
7	PRIME COAT MATERIAL; CIP	SY	2,030	
8	HMA SP-IV 3" THICK; CIP	SY	2,030	
9	TACTILE WARNING SURFACE; CIP	SF	1,120	
10	4" THICK CONCRETE; CIP	SY	7,620	
11	6" THICK CONCRETE; CIP	SY	3,020	
12	CURB & GUTTER (ALL TYPES); CIP	LF	7,800	
13	REMOVE & RESET EXISTING SINGLE POLE SIGN; CIP	EA	27	
14	ADJUST EXISTING MANHOLE TO GRADE; CIP	EA	6	
15	ADJUST EXISTING WATER METER BOX TO GRADE; CIP	EA	11	
16	ADJUST EXISTING VALVE BOX TO GRADE; CIP	EA	8	
17	REMOVE & RESET EXISTING MAILBOX; CIP	EA	4	
18	VEGETATION TRIMMING AND LIMBING; CIP	L.S.	1	
19	REMOVE & DISPOSE CONCRETE CURB; CIP	LF	7,800	
20	REMOVE & DISPOSE OF 4" TO 6" THICK CONCRETE; CIP	SY	2,140	
21	REMOVE & DISPOSE OF ASPHALT PAVEMENT; CIP	SY	1,780	

NOTES TO CONTRACTORS:

- FILL MATERIAL MAY BE REQUIRED FOR CONSTRUCTION OF SIDEWALKS, DRIVE PADS, AND/OR ACCESSIBLE RAMPS. THE IMPORT AND INSTALLATION OF FILL SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE RESPECTIVE ITEM.
- SIDEWALK WIDTHS AND LOCATIONS VARY TO AVOID EXISTING TREES AND SHRUBS INASMUCH AS POSSIBLE. WHERE TREES AND VEGETATION EXIST ADJACENT TO NEW CONSTRUCTION THEY SHALL BE TRIMMED TO THE SIDEWALKS FULL WIDTH AND ALLOW FOR A VERTICAL CLEARANCE OF 7- FEET. THESE TRIMMING AND LIMBING ACTIVITIES SHALL BE PAID UNDER THE RESPECTIVE BID ITEM.
- A TWO-FOOT (2') WIDE PAVEMENT PATCH IS ESTIMATED AT ALL LOCATIONS WHERE CURB AND GUTTERS ARE TO BE REMOVED AND REPLACED. AT THE CONTRACTOR'S OPTION IF THE WORK CAN BE ACCOMPLISHED WITHOUT THE DISRUPTION OF EXISTING PAVEMENT, THAT OPTION IS ACCEPTABLE AND THE ASSOCIATED PAVEMENT PATCHING QUANTITIES SHALL BE REDUCED BY CHANGE ORDER.
- CONSULT THE ACCESSIBLE RAMP PAYMENT DETAILS ON SHEET RC2.0 FOR REQUIRED CONCRETE THICKNESS PER INDIVIDUAL RAMP TYPE.

PROJECT RELATED PAY ITEM NOTES

- CLEARING & GRUBBING:** INCLUDES CLEARING, GRUBBING, SCALPING, REMOVING, AND DISPOSING OF VEGETATION AND DEBRIS AS REQUIRED TO COMPLETE CONSTRUCTION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- MOBILIZATION:** INCLUDING GENERAL CONDITION ITEMS AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- FURNISH & PROVIDE MUTCD PLAN:** PROJECT WIDE TRAFFIC CONTROL DEVICES, MANAGEMENT, AND MODIFICATION FOR THE SAFE HANDLING OF PEDESTRIAN AND VEHICULAR TRAFFIC. PROVIDE SUPERVISION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES BY A NEW MEXICO CERTIFIED TRAFFIC CONTROL SUPERVISOR (TCS) AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- CONSTRUCTION STAKING AND SURVEYING:** INCLUDING ALL LAYOUT, SURVEYING, AND APPURTENANCES REQUIRED TO COMPLETE WORK AS SPECIFIED AND/OR SHOWN IN THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 12" SUBGRADE PREPARATION:** INCLUDING SCARIFICATION AND COMPACTION OF UNDERLYING MATERIALS AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 8" BASE COURSE:** INCLUDING MATERIAL, IMPORT BACKFILL, AND COMPACTION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- HMA SP-IV 3" THICK:** INCLUDING SP-IV ASPHALT PAVEMENT, TACK COAT, PRIME COAT, AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- TACTILE WARNING SURFACE:** INCLUDES PRE-FABRICATED INSERT PLATE (TRUNCATED DOME DETECTABLE WARNING SURFACE) AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 4" THICK CONCRETE:** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 6" SUBGRADE PREPARATION AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 6" THICK CONCRETE:** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 6" SUBGRADE PREPARATION AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- CURB & GUTTER (ALL TYPES):** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 8" SUBGRADE PREPARATION, 6" BASE COURSE, AND APPURTENANCES AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- REMOVE & RESET EXISTING SINGLE POLE SIGN:** INCLUDING REMOVAL, PROTECTION, SALVAGING, AND RESETTING OF EXISTING SINGLE POLE STREET SIGN ADJACENT TO NEW CONSTRUCTION, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- ADJUST EXISTING MANHOLE TO GRADE:** INCLUDING REMOVE/DISPOSAL OF EXISTING RING, LID, CONCRETE COLLAR, NEW RING/LID, CONCRETE COLLAR, AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- ADJUST EXISTING WATER METER BOX TO GRADE:** INCLUDING REMOVAL, SALVAGE, AND RESETTING OF EXISTING WATER METER BOX TO FINAL GRADE, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- ADJUST EXISTING VALVE BOX TO FINAL GRADE:** INCLUDING REMOVAL AND DISPOSAL OF EXISTING CONCRETE VALVE COLLAR, ADJUSTMENT OF VALVE BOX TO GRADE, AND NEW CONCRETE COLLAR AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- REMOVE & RESET EXISTING MAILBOX:** INCLUDING REMOVAL, PROTECTION, SALVAGING, AND RESETTING OF EXISTING MAILBOX ADJACENT TO NEW CONSTRUCTION, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.

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

REV. No.	DATE	DESCRIPTION	APPROVED

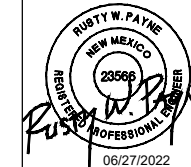
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NMOC
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ADA Compliant Sidewalk Improvements

PROJECT SUMMARY OF QUANTITIES

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



SMITH ENGINEERING
 Solutions for Today... Vision for Tomorrow
 201 N Church Street Suite 200A
 Las Cruces, NM 89001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH Designed By: SMITH	Q1.0
Checked By: SMITH Approved By: COA	Sheet 4 of 91
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18

A TOPOGRAPHIC
AND IMPROVEMENTS SURVEY EXHIBIT
WITHIN FLORIDA AVENUE AND WHITESANDS BOULEVARD
FROM 2ND STREET TO 8TH STREET,
LOCATED WITHIN THE PROJECTED SECTION 19,
T.16S., R.10E., N.M.P.M. OF THE U.S.G.L.O. SURVEYS,
CITY OF ALAMOGORDO, OTERO COUNTY, NEW MEXICO
SCALE 1"=50' JULY 8, 2021



NOTES:
1. HORIZONTAL CONTROL IS BASED ON NAD 83 DATUM, AND VERTICAL CONTROL IS BASED ON NAVD88. BENCHMARK COORDINATES ARE IN GRID, AND ARE BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE. CITY OF ALAMOGORDO BENCHMARK COA20201.

COORDINATES ARE:
ALUMINUM CAP FOUND COA20201
NORTHING: 690590.40
EASTING: 1734277.87
ELEVATION: 4391.01

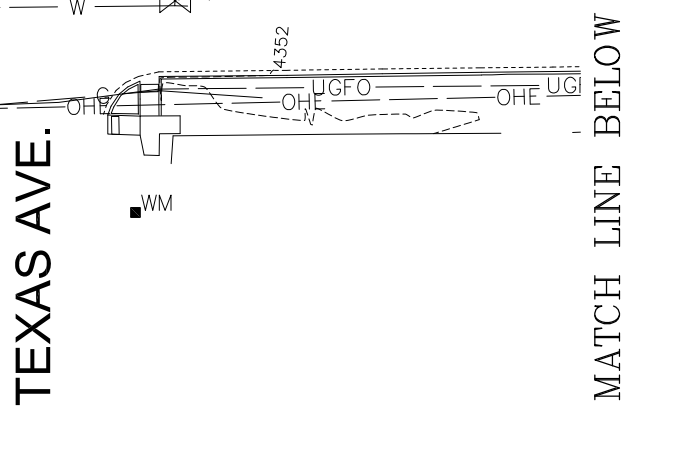
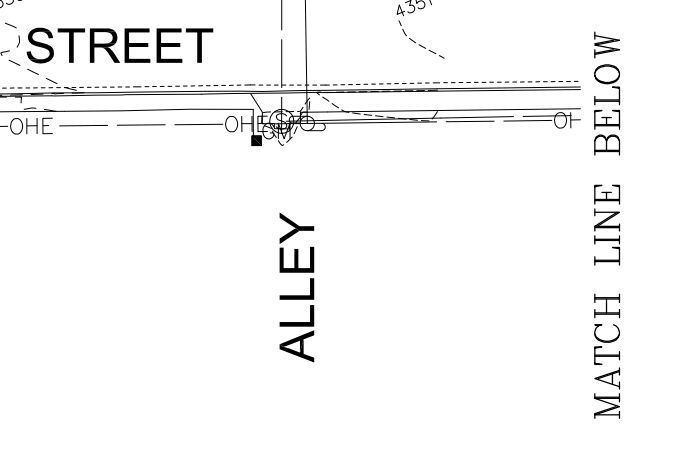
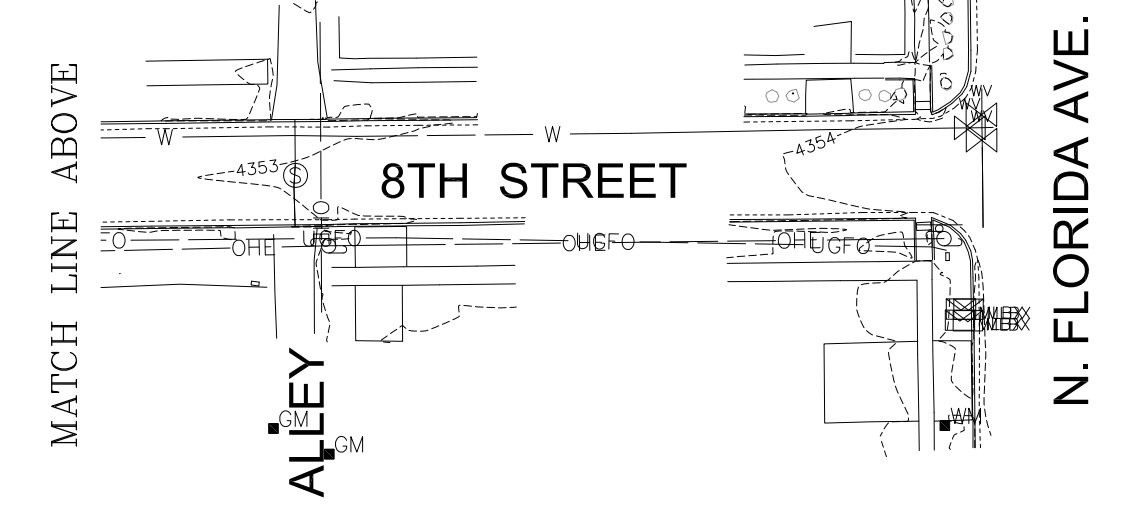
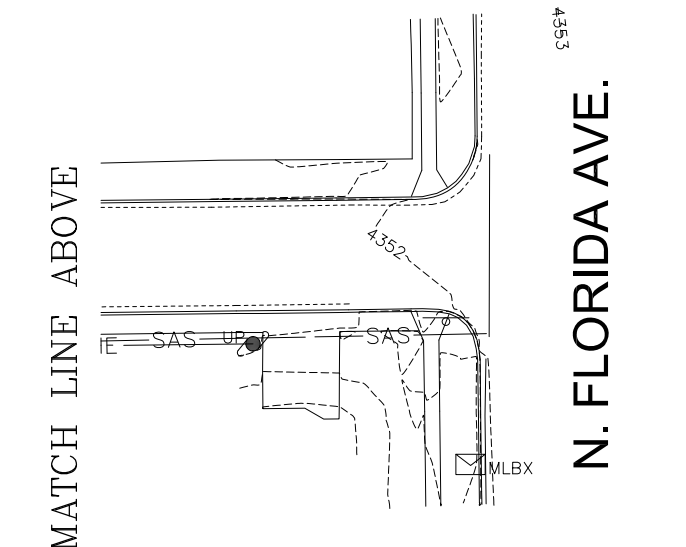
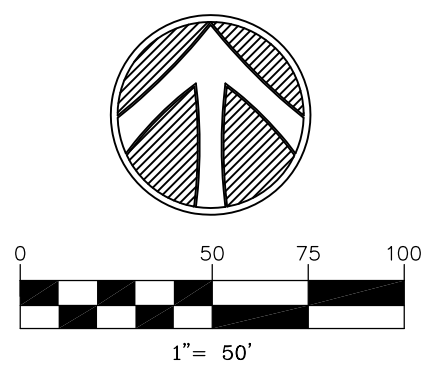
2. THIS IS NOT A BOUNDARY SURVEY.

3. ONLY EXISTING MONUMENTS FOUND AT THE TIME OF THE SURVEY ARE SHOWN, UNLESS OTHERWISE NOTED.

4. THIS MAP HAS BEEN PRODUCED ACCORDING TO PROCEDURES THAT HAVE BEEN DEMONSTRATED TO PRODUCE DATA THAT MEETS OR EXCEEDS THE MINIMUM STANDARDS FOR A TOPOGRAPHIC MAP COMPLIED AT A SCALE 1"=50' WITH A CONTOUR INTERVAL OF 1 FOOT.

5. THIS PLAT IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT.

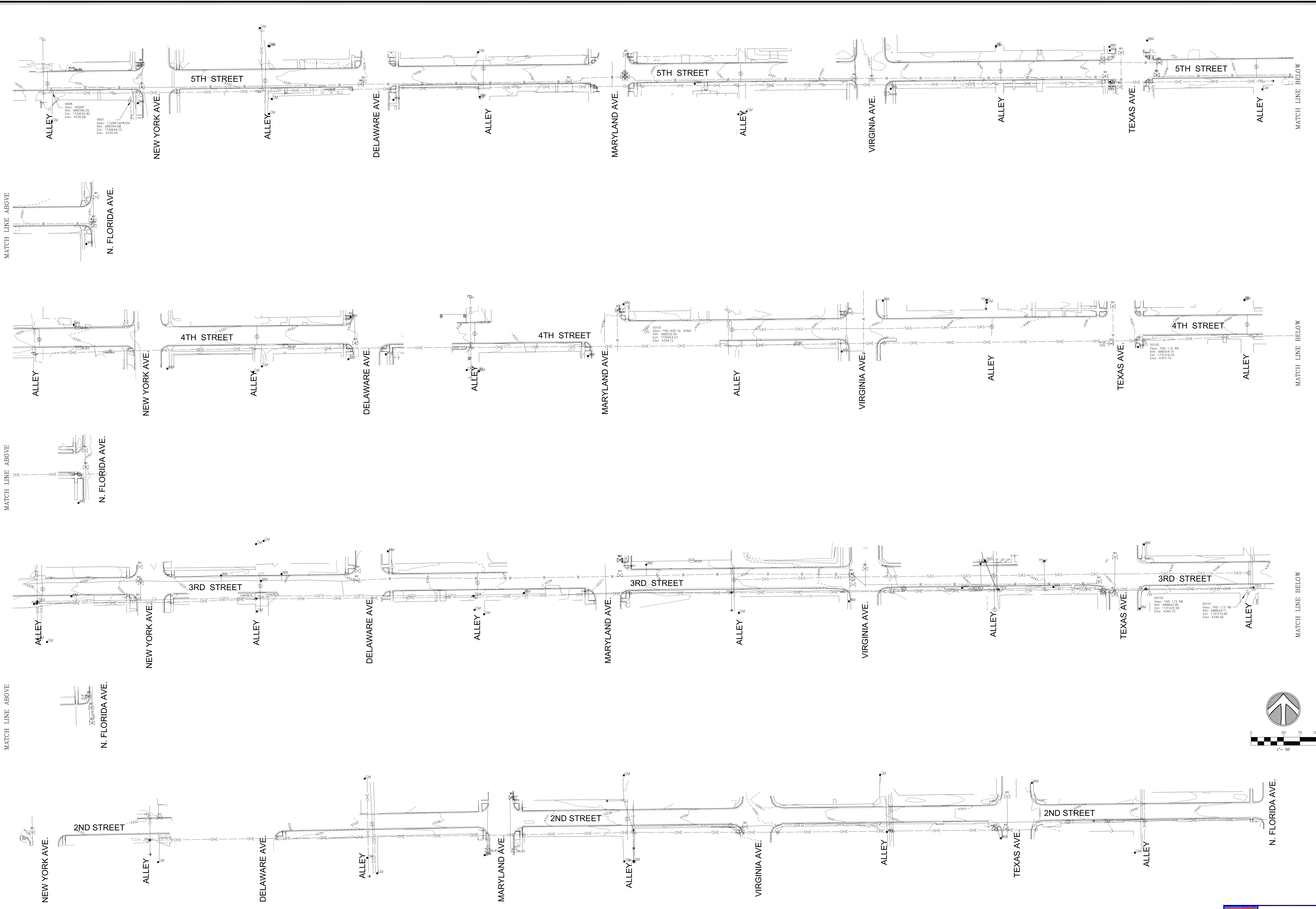
6. ONLY VISUAL UTILITIES FOUND AT THE TIME OF SURVEY ARE SHOWN AND ARE BASED ON ONECALL TICKET NO. 21JN010811, 21JN010815, 21JN010817, 21JN010820, 21JN010822, 21JN010826 AND 21JN010831.



SURVEYOR'S CERTIFICATION
I, R. GERARDO IBARRA, A NEW MEXICO PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.
R. GERARDO IBARRA, P.S. #23259 DATE 7/8/2021



C:\Users\jason.fisher\Desktop\GIS\SURVEY\T2021-05_2nd - 5th Street - Histograms\T2021-05_Histograms.dwg (1/2) - 05_Histograms.dwg LAYOUT: T2021-05.dwg
 STATUS: REV. 07/28/2021



MATCH LINE ABOVE

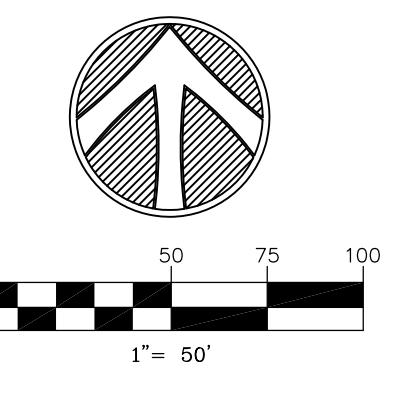
MATCH LINE ABOVE

MATCH LINE ABOVE

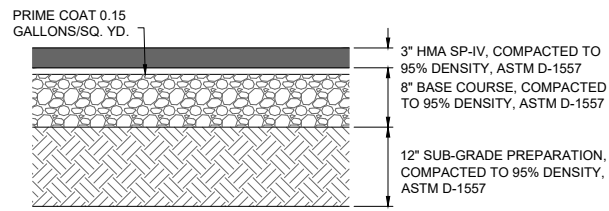
MATCH LINE BELOW

MATCH LINE BELOW

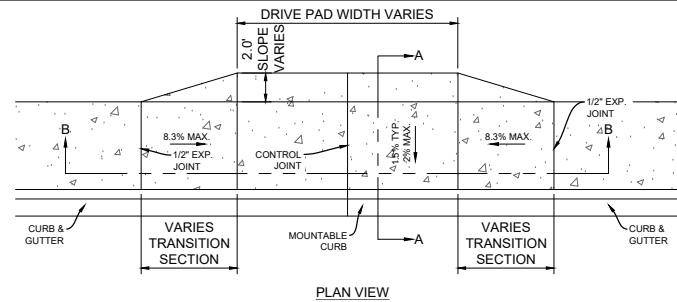
MATCH LINE BELOW



PRECISION SURVEYS, INC.
 145 SHELLEY ROAD
 SUITE 101
 TAMPA, FL 33607
 (813) 972-7777
 T2021-05

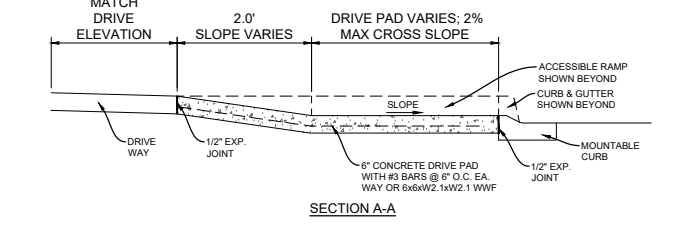


TYPICAL ASPHALT PAVEMENT DETAIL
NOT TO SCALE

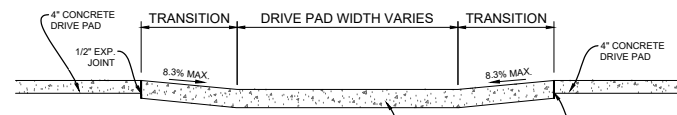


PLAN VIEW

NOTES:
PROVIDE 1/2\"/>



SECTION A-A

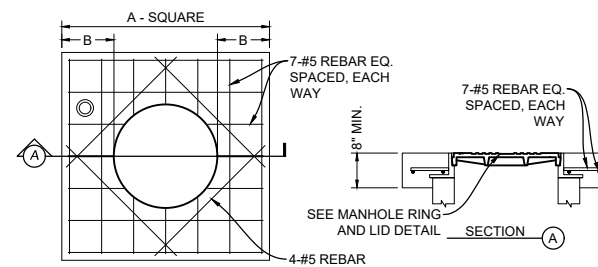


SECTION B-B

SLOPE CONVERSION	
10%	10:1
8.3%	12:1
2%	50:1

DRIVEPAD NOTES:
1. SUBGRADE PREPARATION AND SIX-INCH (6\")/>

DRIVE PAD AND ALLEY PAD DETAILS
NOT TO SCALE



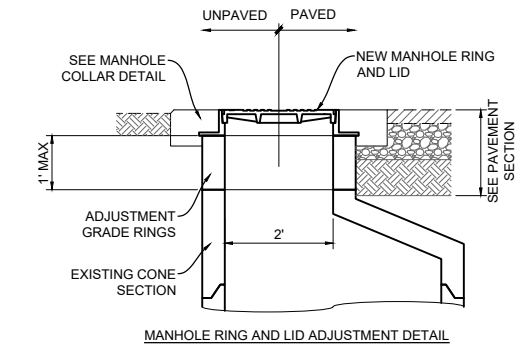
MANHOLE CONCRETE COLLAR DETAIL

CONCRETE COLLAR TABLE	
TYPE	MANHOLE
A	48\"/>
B	12\"/>

GENERAL NOTES:

- SIDES OF CONCRETE COLLAR TOP SHALL BE PARALLEL AND PERPENDICULAR TO THE NORMAL STREET TRAFFIC FLOW.
- USE 3,000 P.S.I. CONCRETE FOR CONCRETE COLLAR.
- SCRIBE CONCRETE WITH LINE DIRECTIONAL ARROWS, PIPE SIZE AND PIPE TYPE.
- TEXT SIZE SHALL BE 4-INCHES TALL AND SCORED 3/8\"/>

MANHOLE CONCRETE COLLAR DETAIL
NOT TO SCALE

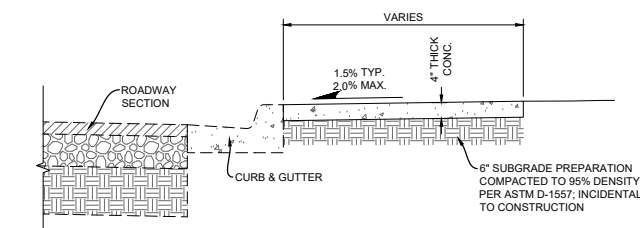


MANHOLE RING AND LID ADJUSTMENT DETAIL

GENERAL NOTES:

- SIDES OF CONCRETE COLLAR TOP SHALL BE PARALLEL AND PERPENDICULAR TO THE NORMAL STREET TRAFFIC FLOW.
- USE 3,000 P.S.I. CONCRETE FOR CONCRETE COLLARS.
- SCRIBE CONCRETE WITH LINE DIRECTIONAL ARROWS, PIPE SIZE AND PIPE TYPE.
- TEXT SIZE SHALL BE 4-INCHES TALL AND SCORED 3/8\"/>

MANHOLE RING AND COVER ADJUSTMENT DETAIL
NOT TO SCALE

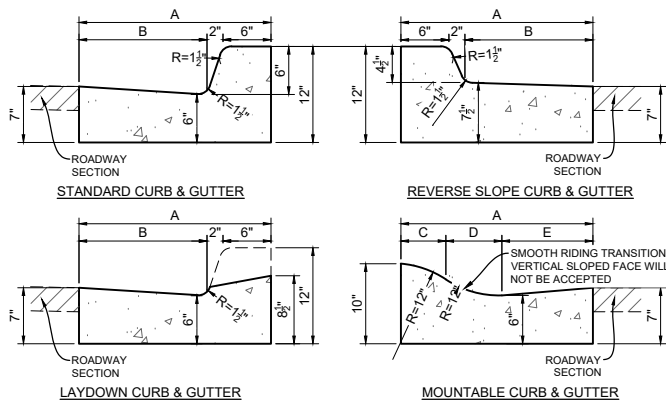


SIDEWALK ADJACENT TO CURB & GUTTER

SIDEWALK NOTES:

- PROVIDE 1/2\"/>

SIDEWALK DETAILS
NOT TO SCALE

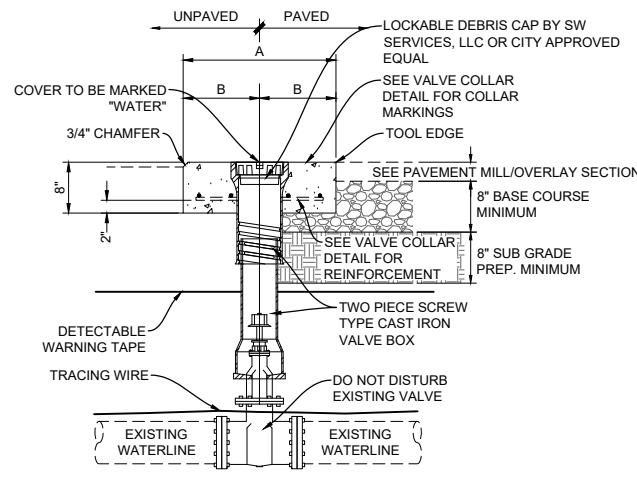


CURB AND GUTTER LEGEND			
TYPE	I	II	III
A	1'-6"	2'-0"	2'-6"
B	0'-10"	1'-4"	1'-10"
C	0'-5 5/8"	0'-5 5/8"	0'-5 5/8"
D	0'-5"	0'-7"	0'-7"
E	0'-7 3/8"	0'-11 3/8"	1'-5 3/8"

CURB & GUTTER NOTES:

- NEW CURB & GUTTER PROFILE SHALL MATCH EXISTING ADJACENT CURB & GUTTER AND/OR STREET PROFILE.
- NEW CURB & GUTTER SHALL INCLUDE EIGHT-INCH (8\")/>

CURB AND GUTTER DETAILS
NOT TO SCALE

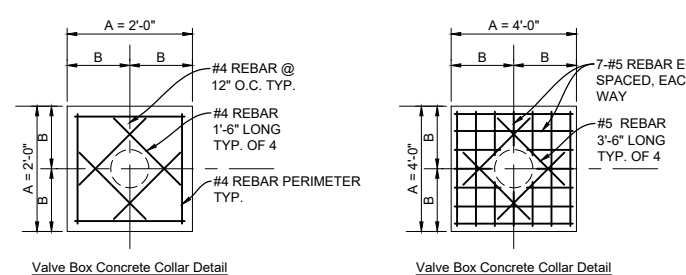


CONCRETE COLLAR TABLE	
DIMENSION	PAVED
A	2'-0"
B	1'-0"

GENERAL NOTES:

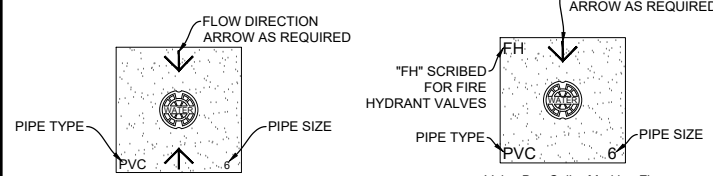
- SEE TECHNICAL SPECIFICATION FOR BACKFILL MATERIAL SPECIFICATIONS AND COMPACTION REQUIREMENTS.
- SEE CHAPTER 5, STREET STANDARDS FOR PAVEMENT, BASE COURSE COURSE AND SUB-GRADE PREP. REQUIREMENTS.
- SIDES OF CONCRETE COLLAR TOP SHALL BE PARALLEL AND PERPENDICULAR TO THE NORMAL STREET TRAFFIC FLOW.
- VALVE BOX SHALL BE CENTERED ABOUT OPERATING NUT AND BE PLACED TRUE AND VERTICAL.

VALVE BOX ADJUSTMENT DETAIL
NOT TO SCALE



Valve Box Concrete Collar Detail

CONCRETE COLLAR TABLE	
TYPE	PAVED
A	2'-0"
B	1'-0"

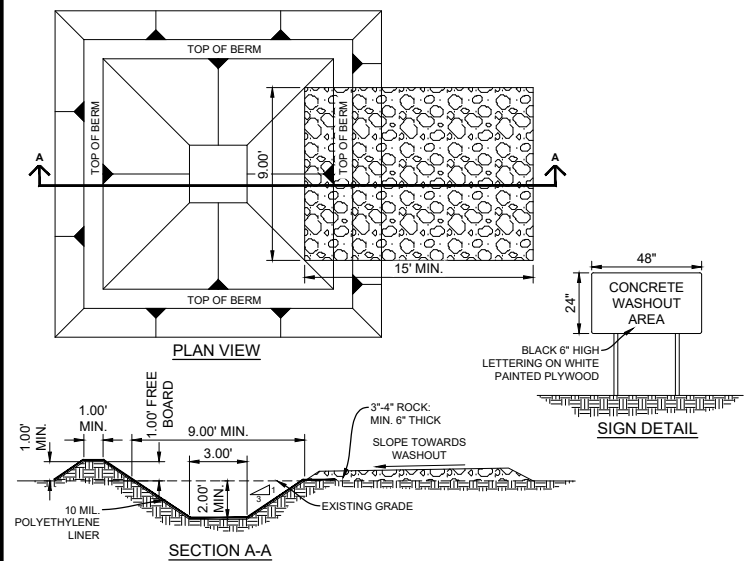


Valve Box Collar Marking Detail

GENERAL NOTES:

- SIDES OF CONCRETE COLLAR TOP SHALL BE PARALLEL AND PERPENDICULAR TO THE NORMAL STREET TRAFFIC FLOW.
- SCRIBE CONCRETE WITH LINE DIRECTIONAL ARROWS, PIPE SIZE AND PIPE TYPE.
- TEXT SIZE SHALL BE 4-INCHES TALL AND SCORED 3/8\"/>

VALVE BOX CONCRETE COLLAR DETAIL
NOT TO SCALE



SECTION A-A

- NOTES:
- TEMPORARY CONCRETE WASHOUT AREA(S) SHALL BE LOCATED A MINIMUM OF 50-FEET FROM SENSITIVE AREAS INCLUDING OPEN DRAINAGE FACILITIES OR WATER SOURCES.
 - INSTALL IDENTIFICATION SIGN WITHIN 30-FEET OF TEMPORARY CONCRETE WASHOUT AREA.
 - DIMENSIONS SHOWN ARE MINIMUM REQUIRED. SHOULD THE NATURE OF THE CONSTRUCTION REQUIRE A LARGER WASHOUT OR ADDITIONAL TEMPORARY CONCRETE WASHOUT AREAS THEY SHALL BE CONSTRUCTED TO THESE STANDARDS.
 - CONCRETE WASHOUT FACILITIES SHOULD BE INSPECTED DAILY & AFTER HEAVY RAIN EVENTS TO CHECK FOR DAMAGE OR CAPACITY LIMITATIONS.
 - WHEN THE TEMPORARY CONCRETE WASHOUT AREA REACHES 75% CAPACITY, THE WASH WATER SHALL BE VACUUMED OFF OR ALLOWED TO EVAPORATE. THEN WHEN THE REMAINING CEMENTITIOUS SOLIDS AREA HARDENED, THEY SHOULD BE REMOVED, RECYCLED, AND/OR DISPOSED OF AN ENVIRONMENTALLY ACCEPTABLE MANNER.
 - BEFORE ANTICIPATED RAIN EVENTS, THE WASH WATER LEVEL SHALL BE LOWERED OR THE AREA COVERED TO PREVENT OVERFLOWS/SPILLS DURING THE STORM EVENT.
 - AT THE CONTRACTOR'S OPTION, TEMPORARY WASH FACILITIES CAN BE REUSABLE PREFABRICATED FACILITIES THAT ARE MAINTAINED AS DESCRIBED HERE.
 - AT THE COMPLETION OF ALL CONCRETE CONSTRUCTION, THE CONTRACTOR SHALL REMOVE & DISPOSE OF THE REMAINING MATERIALS & WASH WATER WITHIN THE TEMPORARY CONCRETE WASHOUT AREA. THE LINER SHALL BE REMOVED & DISPOSED OR REUSED AT THE CONTRACTOR'S DISCRETION. SHOULD THE UNDERLYING SOIL BE FREE FROM WASH WATER LEACHING, THE PERIMETER BERMS SHALL BE USED TO BACKFILL THE TEMPORARY FACILITY AND RETURN THE AREA TO ITS PRECONSTRUCTION CONDITION.

TEMPORARY CONCRETE WASHOUT DETAIL
NOT TO SCALE

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

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

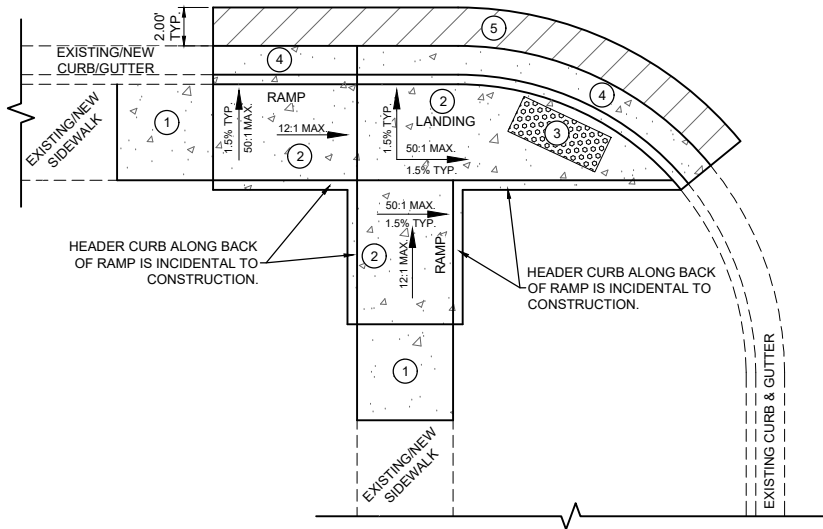
CITY OF ALAMOGORDO - STANDARD DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 201 N Church Street Suite 200A Las Cruces, NM 89001 Phone: 575-523-2395 www.smithengineering.pro

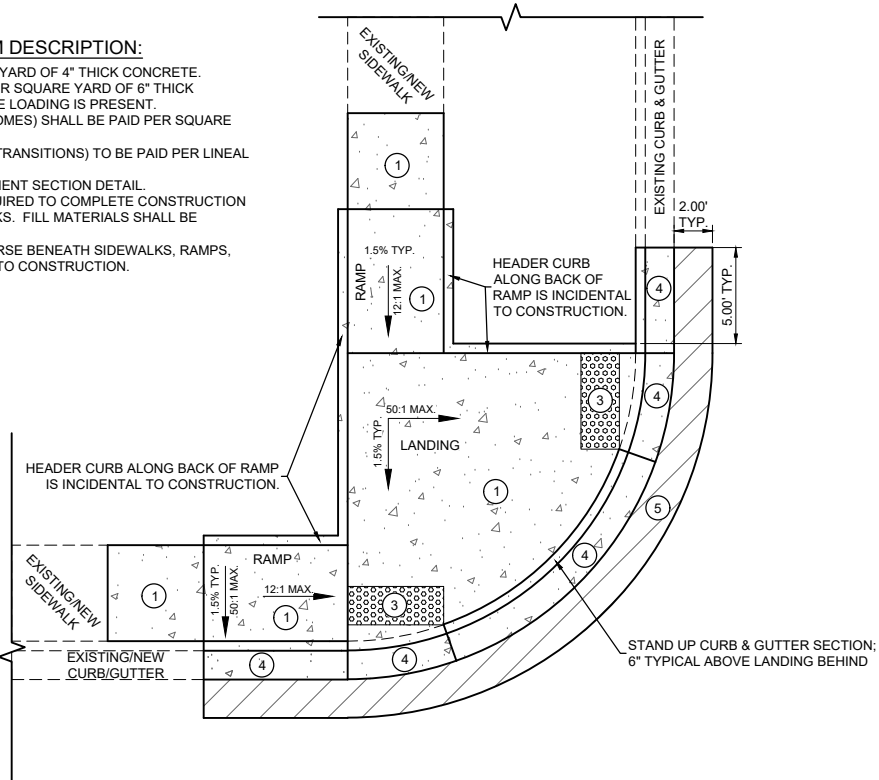
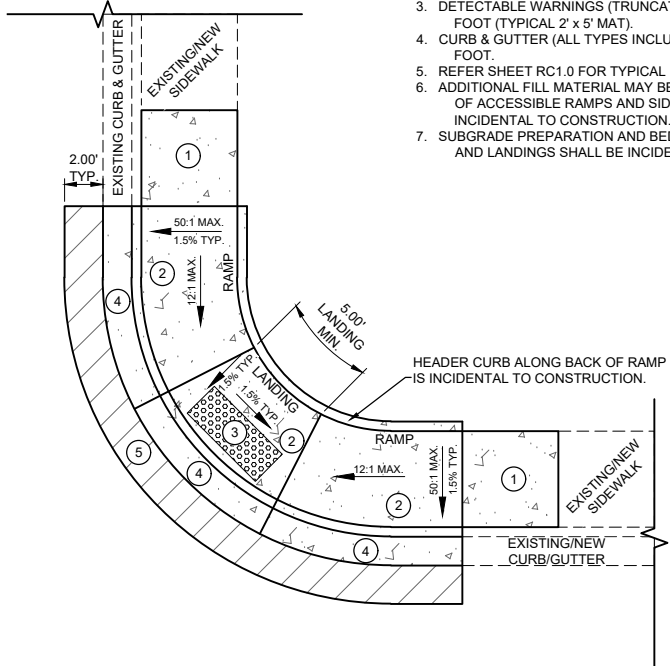
Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE	Sheet 7 of 91
INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18

RC1.0



RAMP CONSTRUCTION PAY ITEM DESCRIPTION:

1. SIDEWALKS SHALL BE PAID PER SQUARE YARD OF 4" THICK CONCRETE.
2. LANDINGS AND RAMPS SHALL BE PAID PER SQUARE YARD OF 6" THICK CONCRETE; IF POTENTIAL FOR VEHICLE LOADING IS PRESENT.
3. DETECTABLE WARNINGS (TRUNCATED DOMES) SHALL BE PAID PER SQUARE FOOT (TYPICAL 2' x 5' MAT).
4. CURB & GUTTER (ALL TYPES INCLUDING TRANSITIONS) TO BE PAID PER LINEAL FOOT.
5. REFER SHEET RC1.0 FOR TYPICAL PAVEMENT SECTION DETAIL.
6. ADDITIONAL FILL MATERIAL MAY BE REQUIRED TO COMPLETE CONSTRUCTION OF ACCESSIBLE RAMPS AND SIDEWALKS. FILL MATERIALS SHALL BE INCIDENTAL TO CONSTRUCTION.
7. SUBGRADE PREPARATION AND BED COURSE BENEATH SIDEWALKS, RAMPS, AND LANDINGS SHALL BE INCIDENTAL TO CONSTRUCTION.



TYPICAL RAMP PAY ITEM DESCRIPTION DETAILS

NOT TO SCALE

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

REV. No.	DATE	DESCRIPTION	APPROVED

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 Professional Resources for Damage Prevention



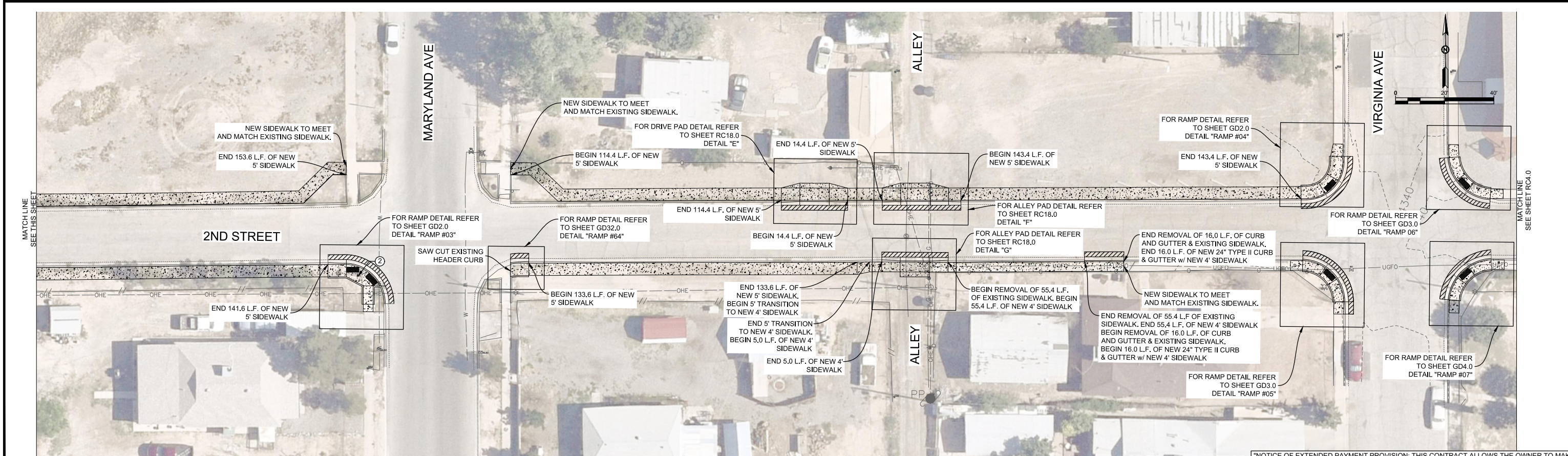
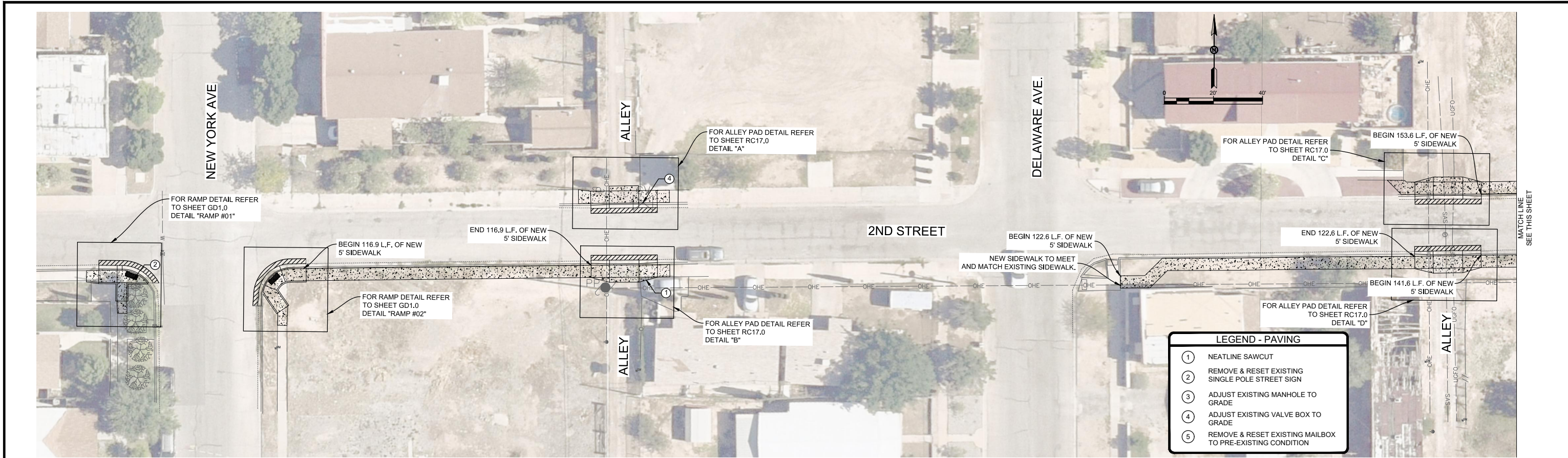
ADA Compliant Sidewalk Improvements

CITY OF ALAMOGORDO - STANDARD DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: RC2.0
 Sheet 8 of 91
 19-C-NR-I-01-G-18



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

REV. No.	DATE	DESCRIPTION	APPROVED

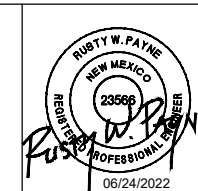
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ADA Compliant Sidewalk Improvements

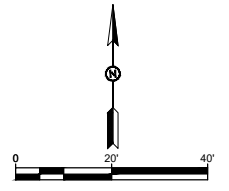
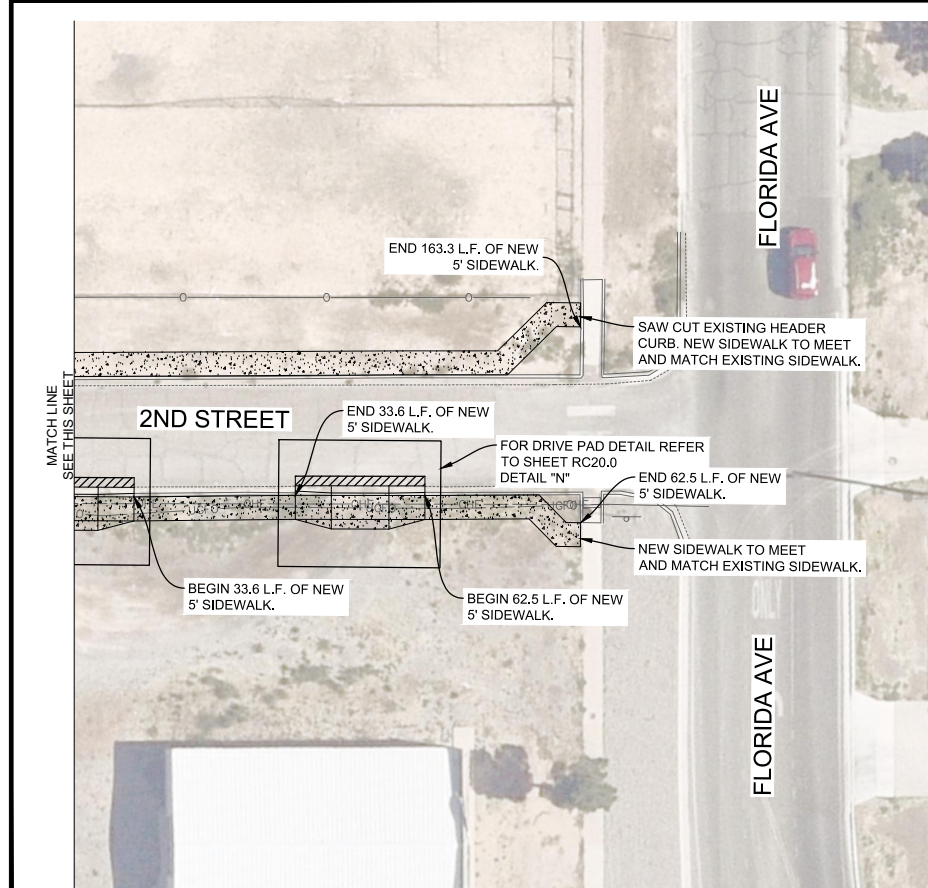
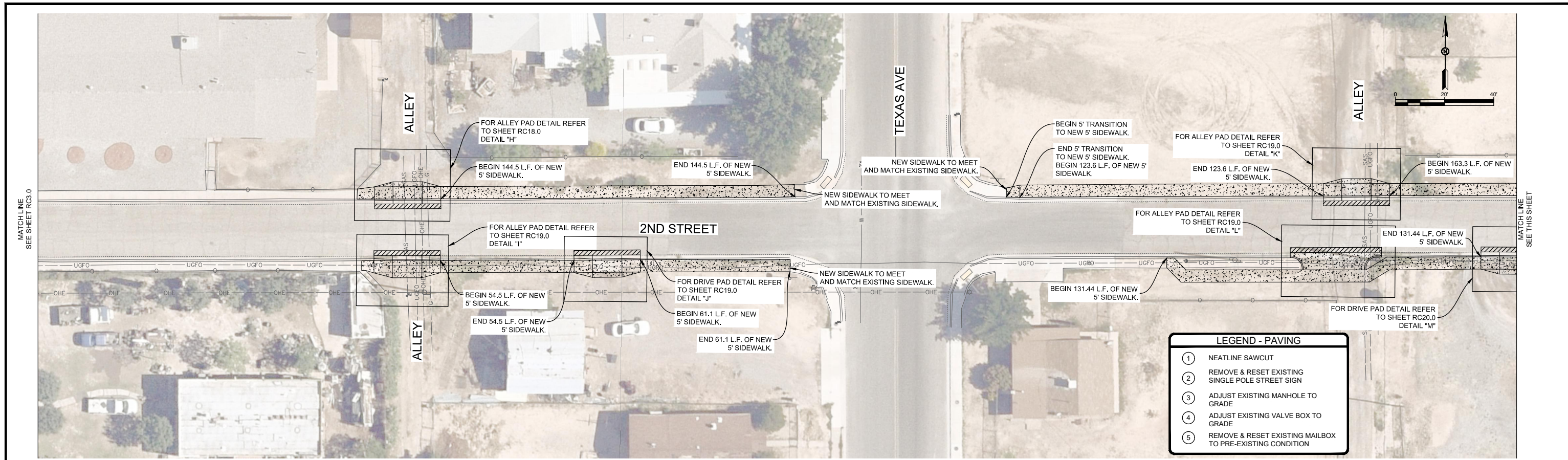
2ND STREET SIDEWALK LAYOUT

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **RC3.0**
 Sheet 9 of 91
 19-C-NR-I-01-G-18



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

REV. No.	DATE	DESCRIPTION	APPROVED

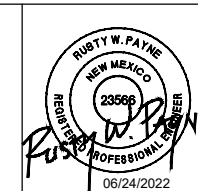
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 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

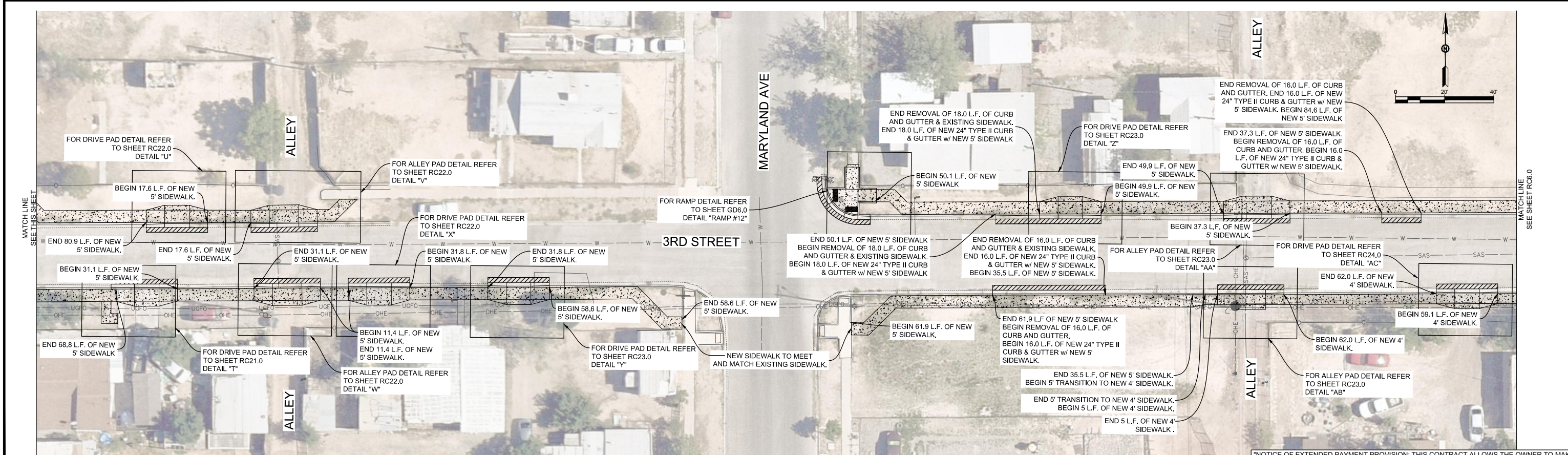
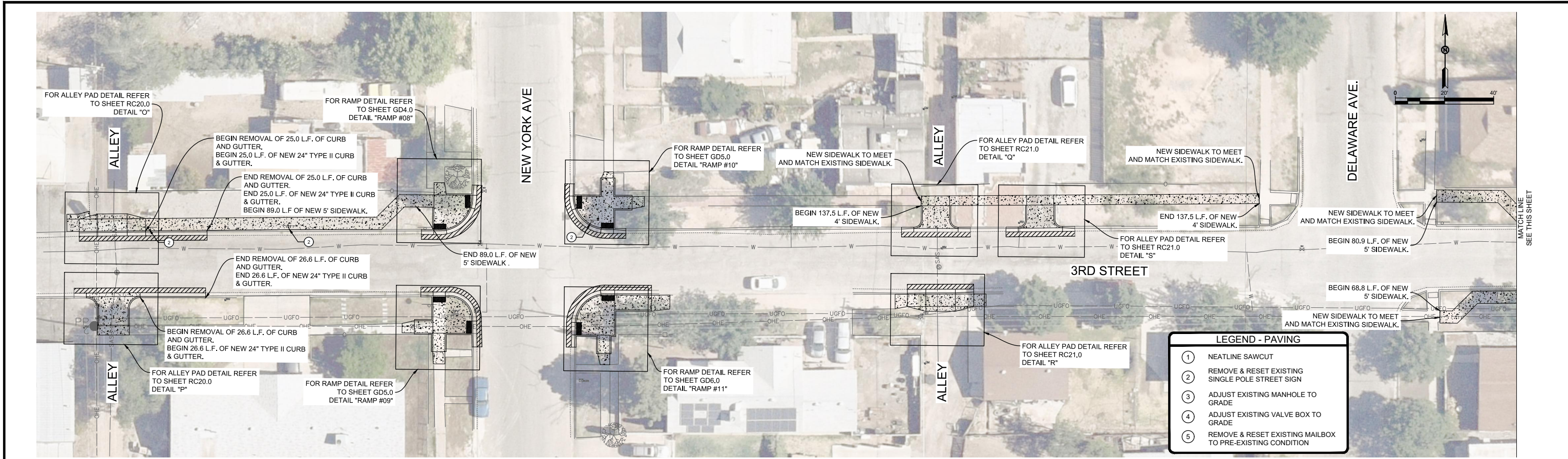
2ND STREET SIDEWALK LAYOUT

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Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH Designed By: SMITH	RC4.0
Checked By: SMITH Approved By: COA	
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 10 of 91
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

REV. NO.	DATE	DESCRIPTION	APPROVED

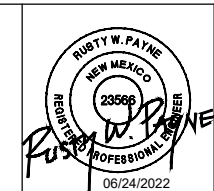
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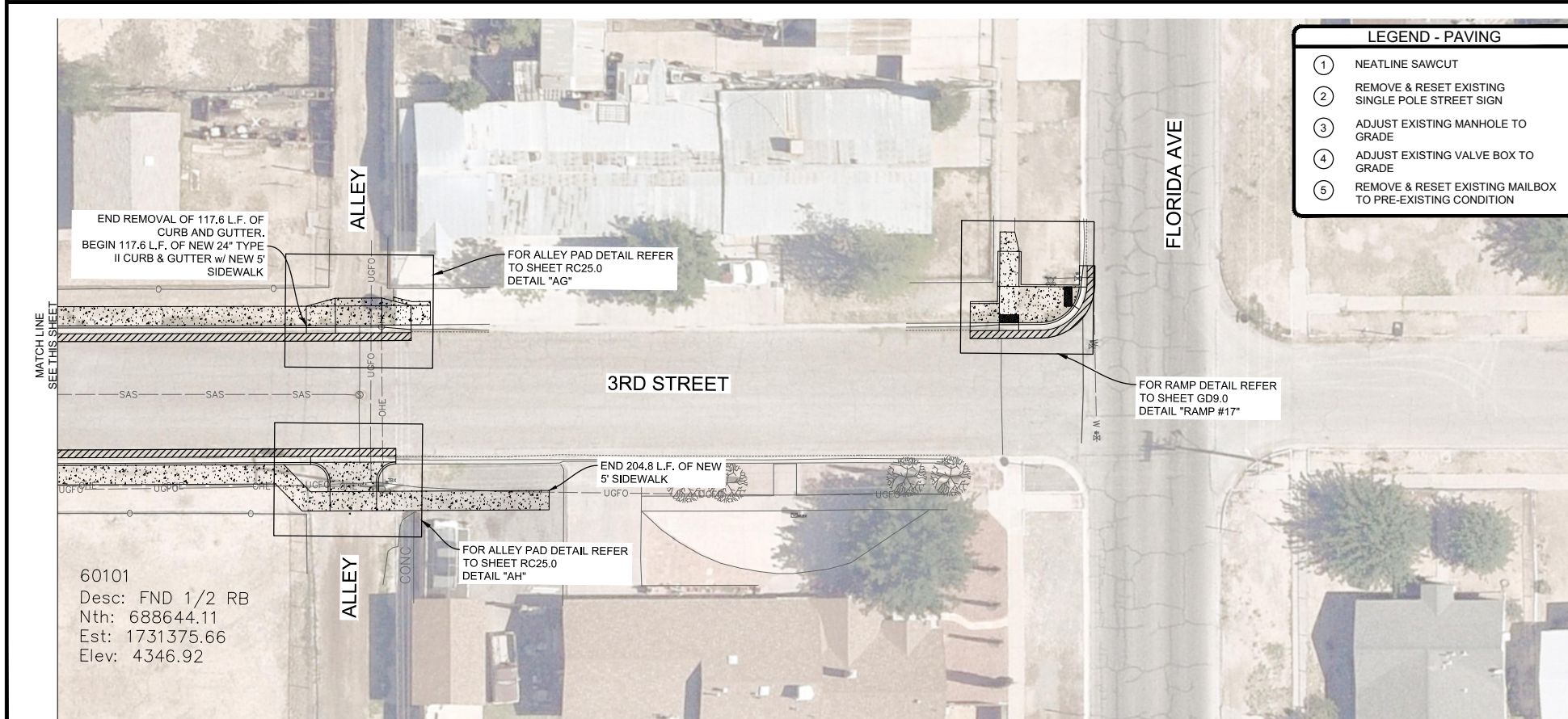
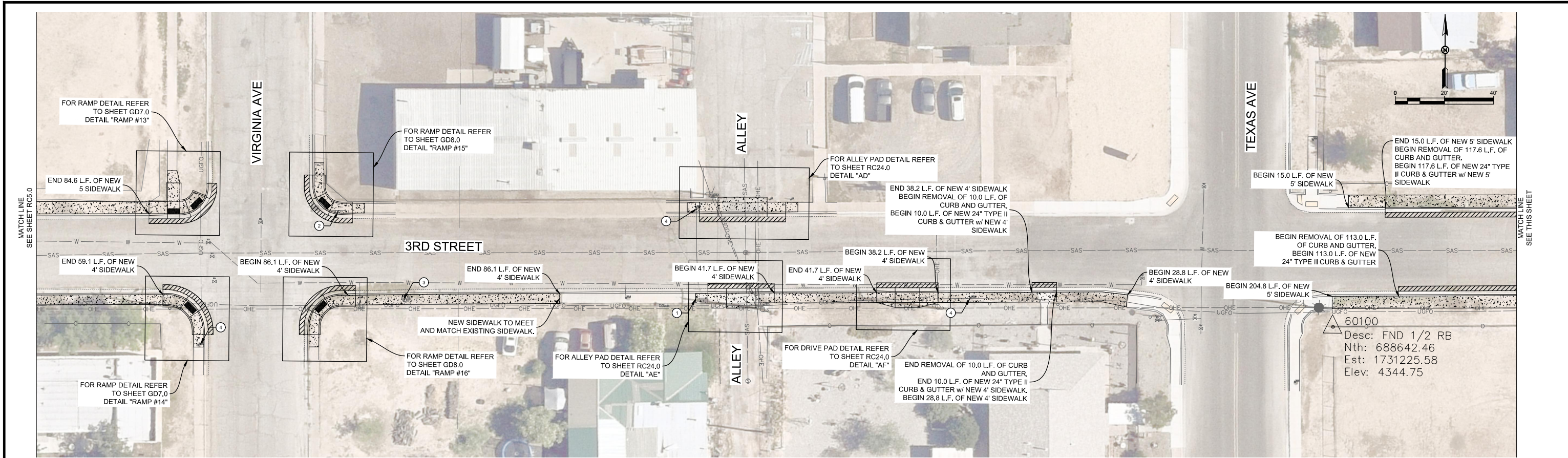
3RD STREET SIDEWALK LAYOUT

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Public Works Bid No.:	2022-004
Drawn By:	SMITH
Designed By:	SMITH
Checked By:	SMITH
Approved By:	COA
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Sheet No.:	RC5.0
Sheet 11 of 91	19-C-NR-I-01-G-18



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

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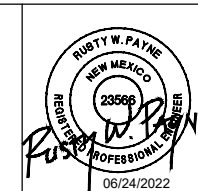
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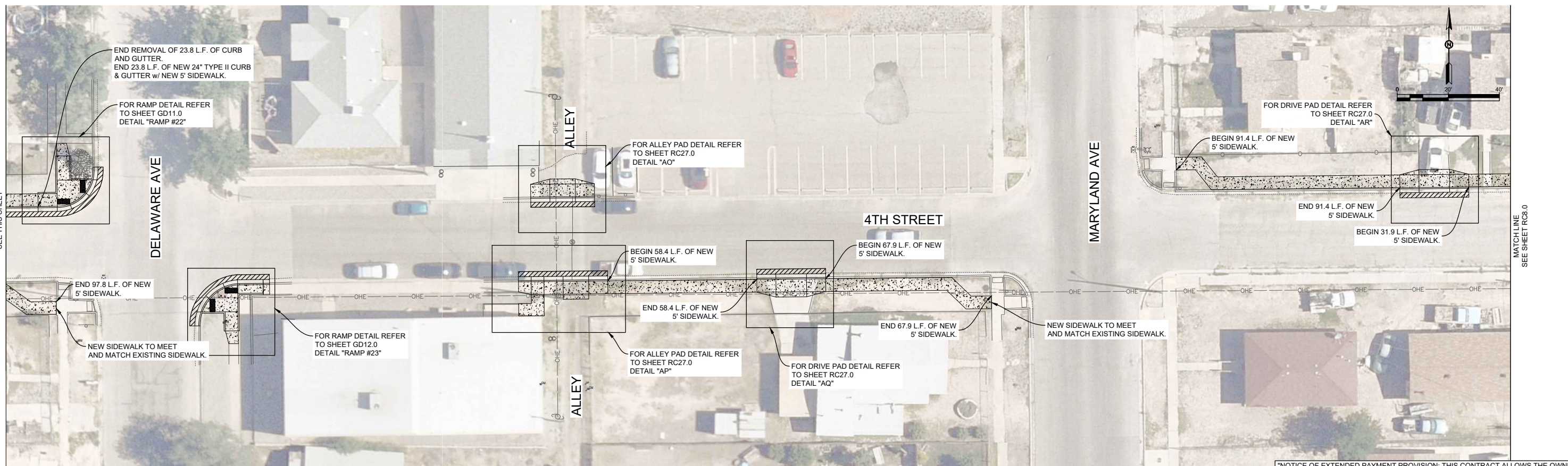
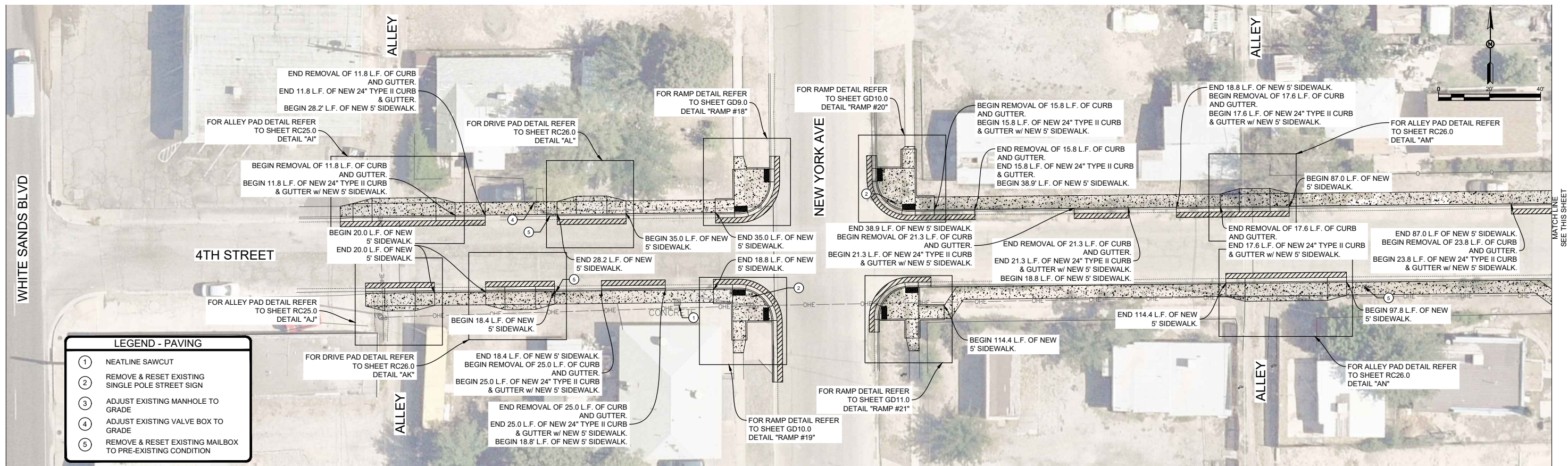
3RD STREET SIDEWALK LAYOUT

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Sheet No.: **RC6.0**
 Sheet 12 of 91
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

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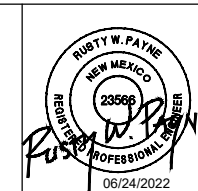
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4TH STREET SIDEWALK LAYOUT

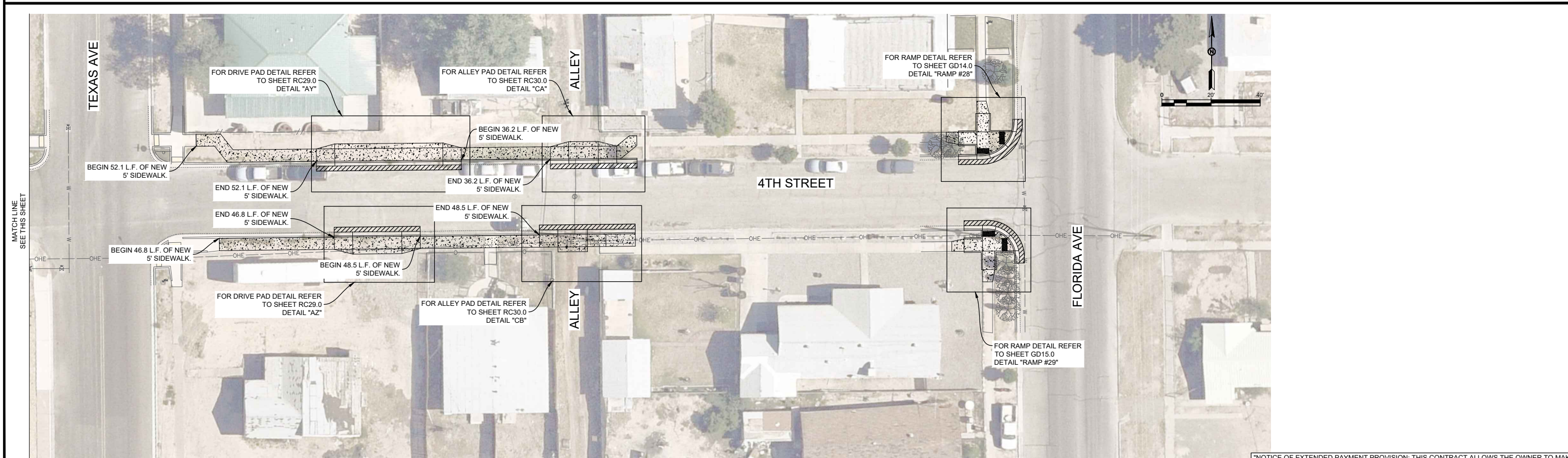
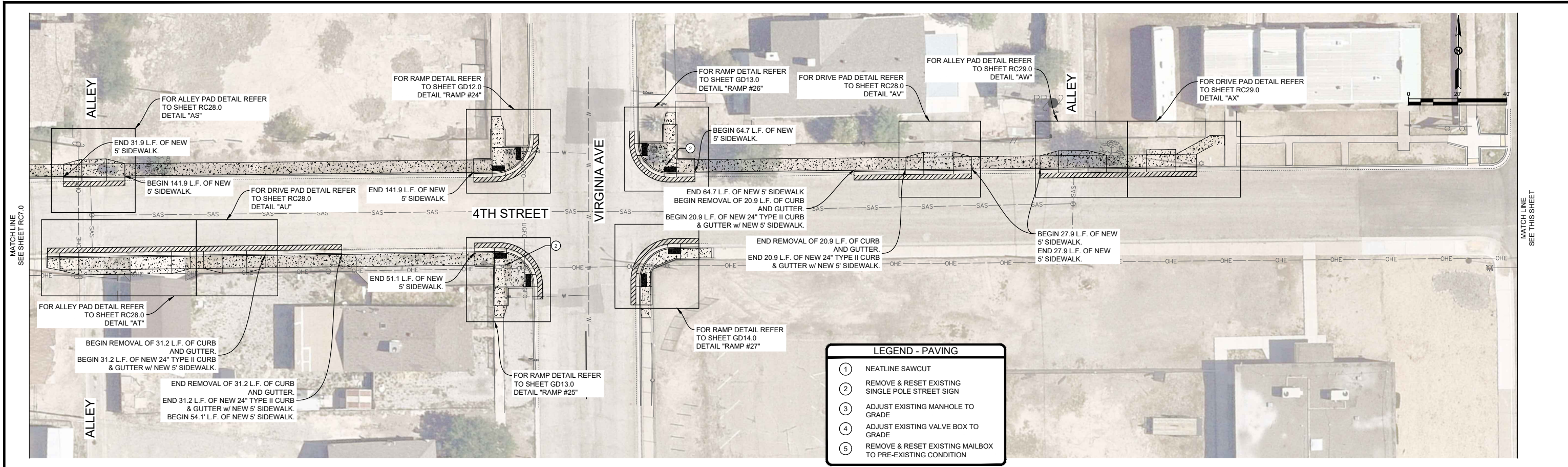
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Designed By:	SMITH
Checked By:	SMITH
Approved By:	COA
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Sheet No.:	RC7.0
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REV. No.	DATE	DESCRIPTION	APPROVED

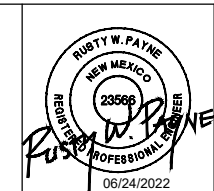
New Mexico One Call, Inc. Call 2 days before you dig!
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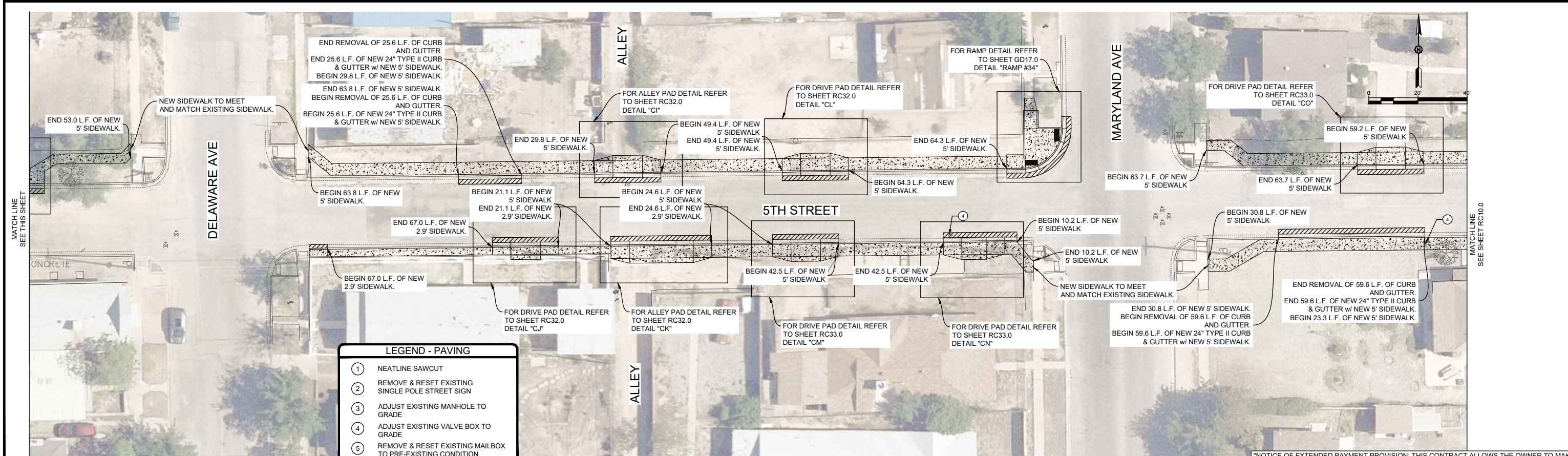
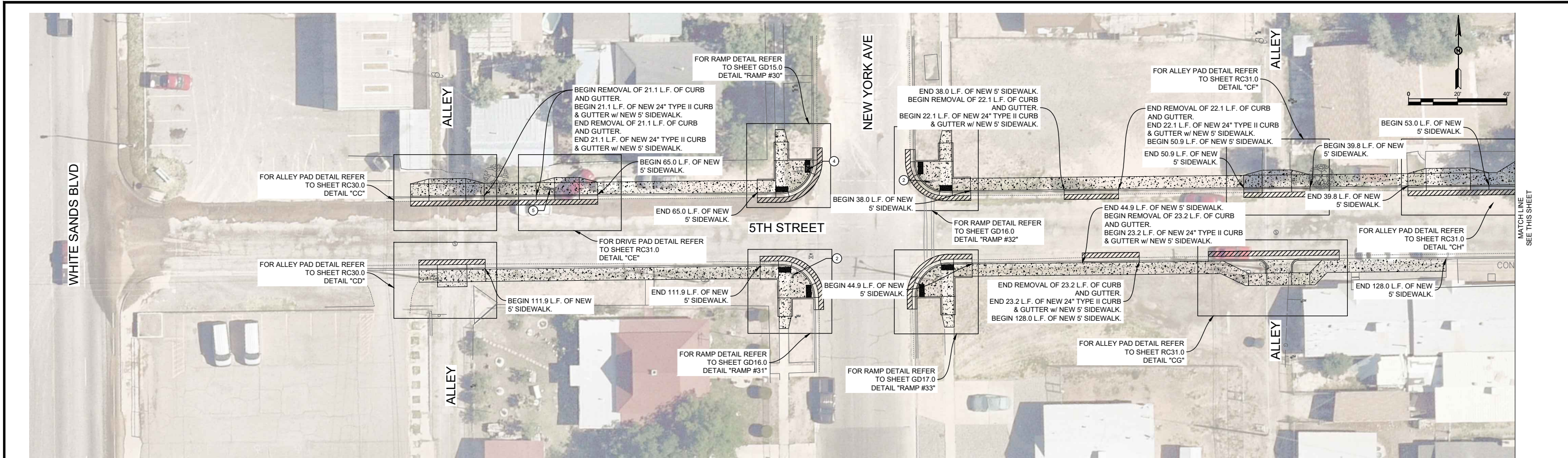
ADA Compliant Sidewalk Improvements

4TH STREET SIDEWALK LAYOUT

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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Checked By: SMITH Approved By: COA	Sheet 14 of 91
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18



LEGEND - PAVING

①	NEATLINE SAWCUT
②	REMOVE & RESET EXISTING SINGLE POLE STREET SIGN
③	ADJUST EXISTING MANHOLE TO GRADE
④	ADJUST EXISTING VALVE BOX TO GRADE
⑤	REMOVE & RESET EXISTING MAILBOX TO PRE-EXISTING CONDITION

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

REV. No.	DATE	DESCRIPTION	APPROVED

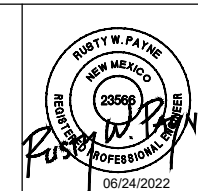
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5TH STREET SIDEWALK LAYOUT

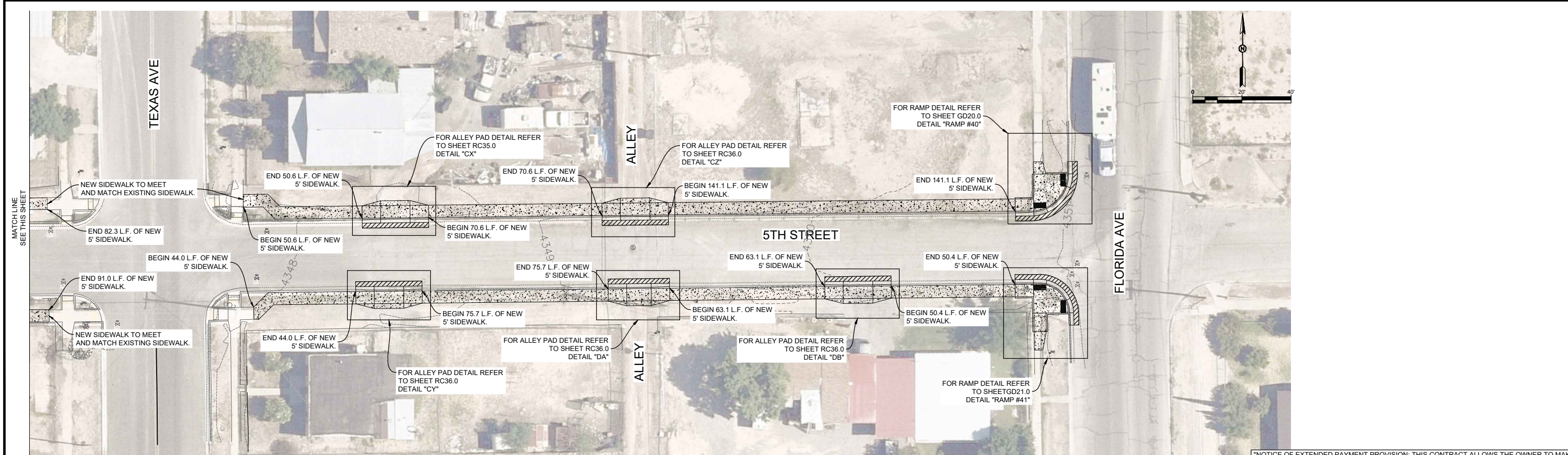
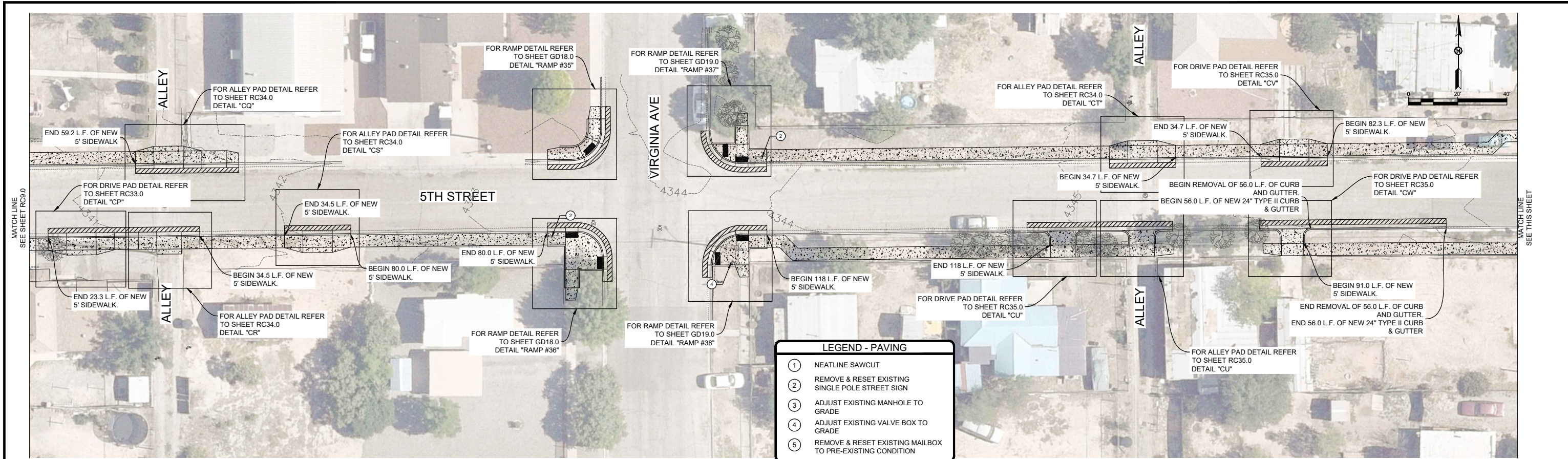
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Sheet No.:	RC9.0
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

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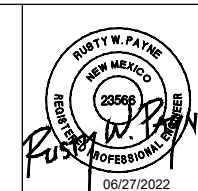
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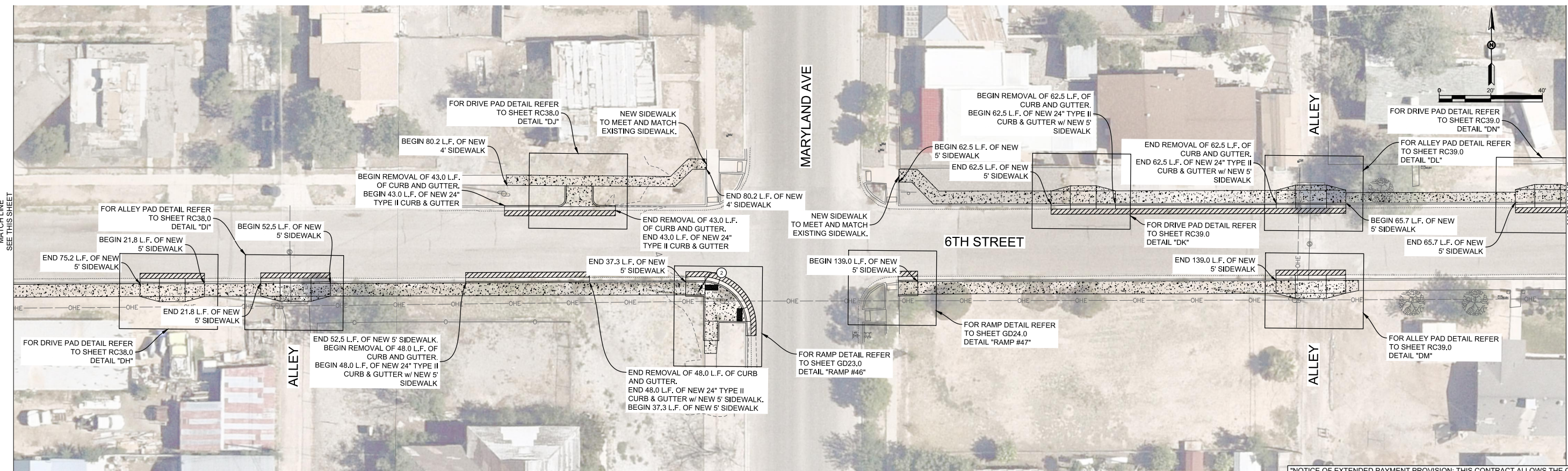
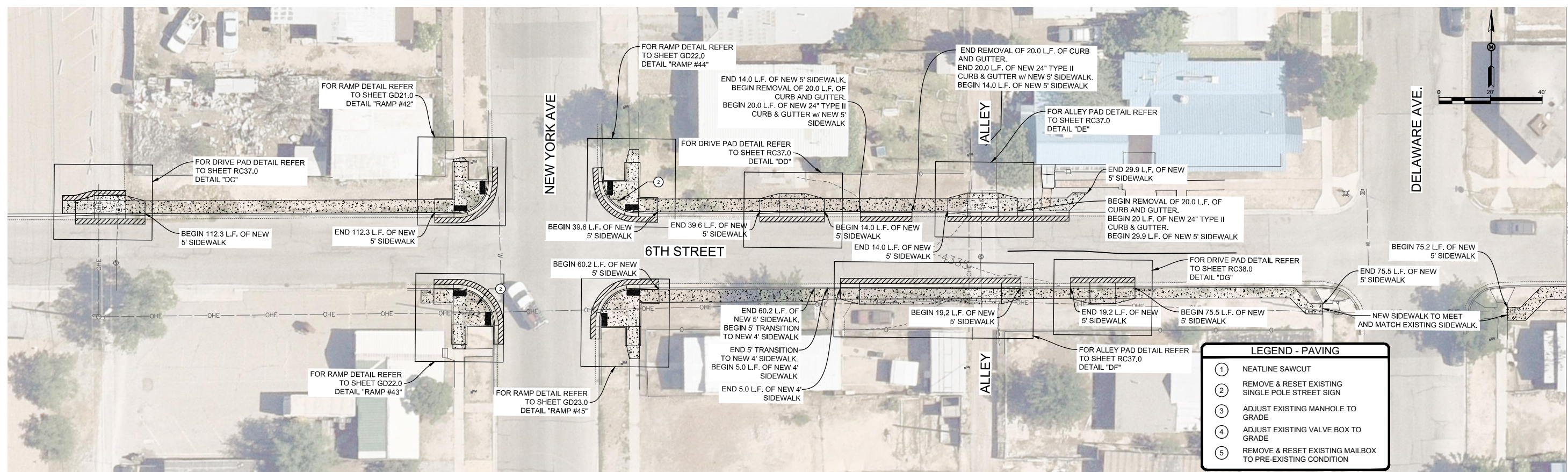
5TH STREET SIDEWALK LAYOUT

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 Checked By: SMITH Approved By: COA
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Sheet No.: **RC10.0**
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

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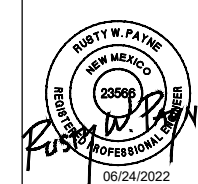
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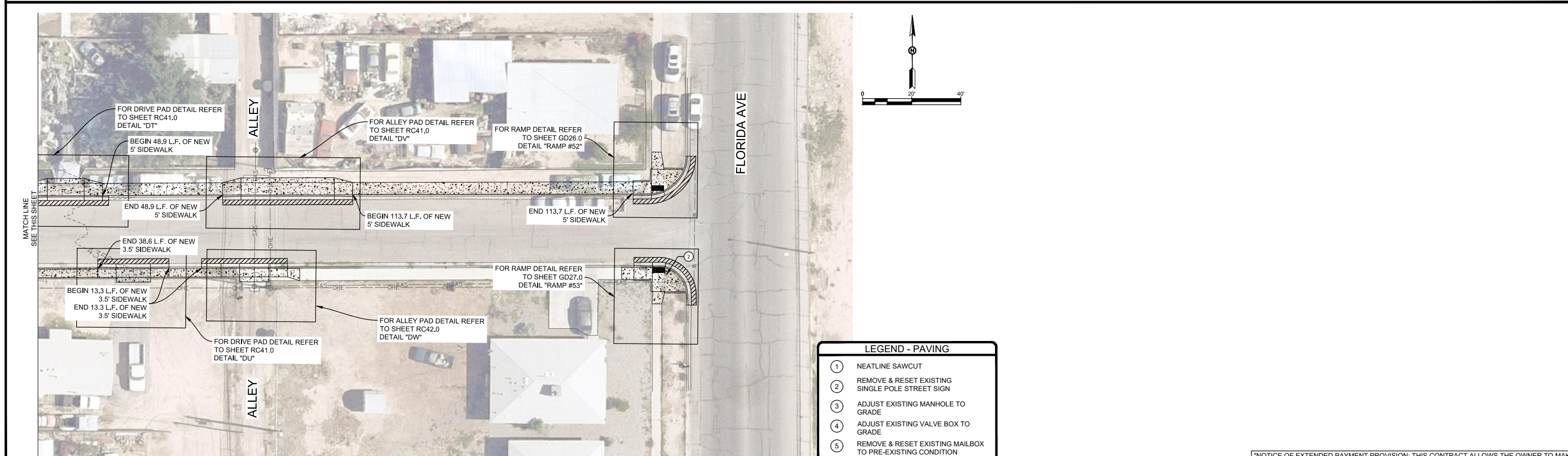
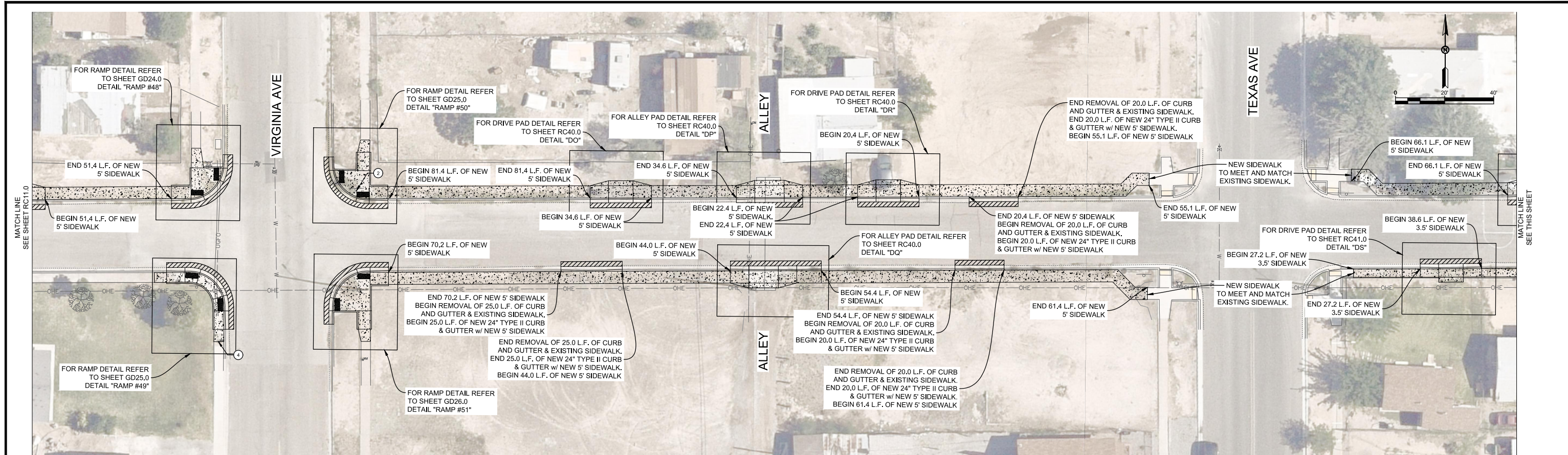
6TH STREET SIDEWALK LAYOUT

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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Sheet No.: **RC11.0**
 Sheet 17 of 91
 19-C-NR-I-01-G-18



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6TH STREET SIDEWALK LAYOUT
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

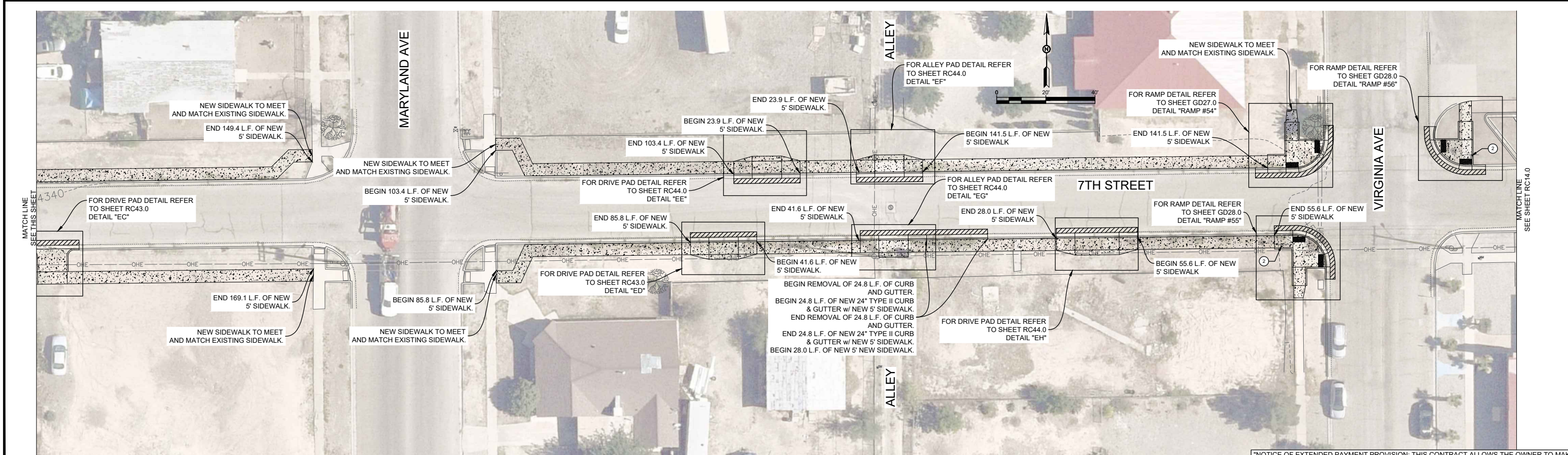
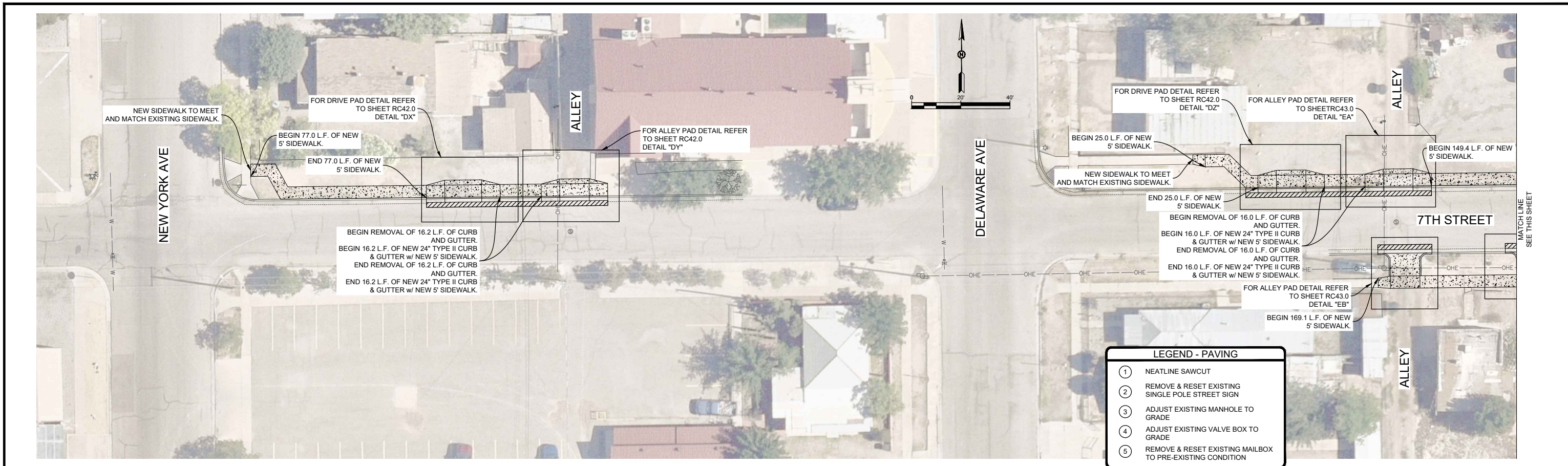
RUSBY W. PAYNE
 REGISTERED PROFESSIONAL ENGINEER
 23566
 06/24/2022



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Sheet No.: **RC12.0**
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."



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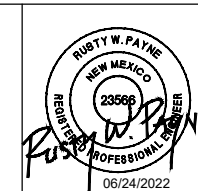
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7TH STREET SIDEWALK LAYOUT

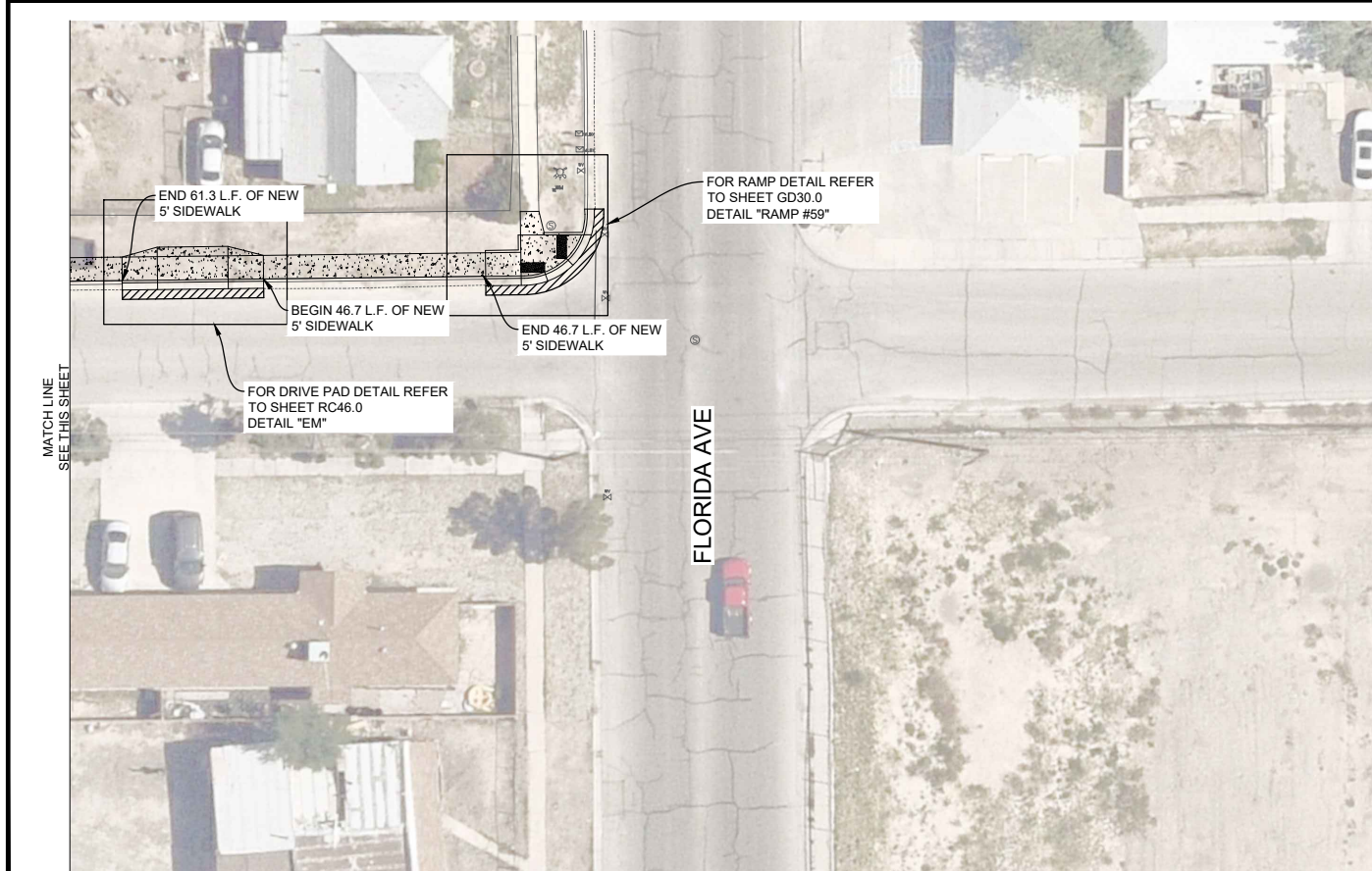
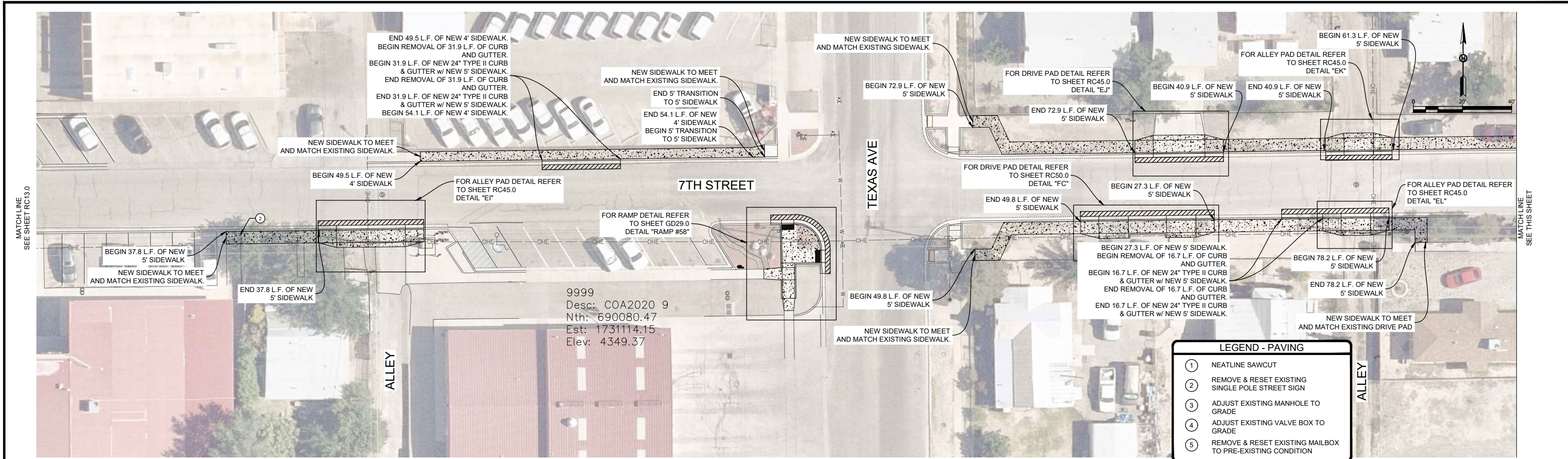
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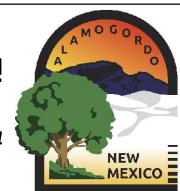
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RC13.0



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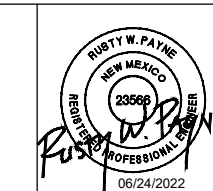
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7TH STREET SIDEWALK LAYOUT

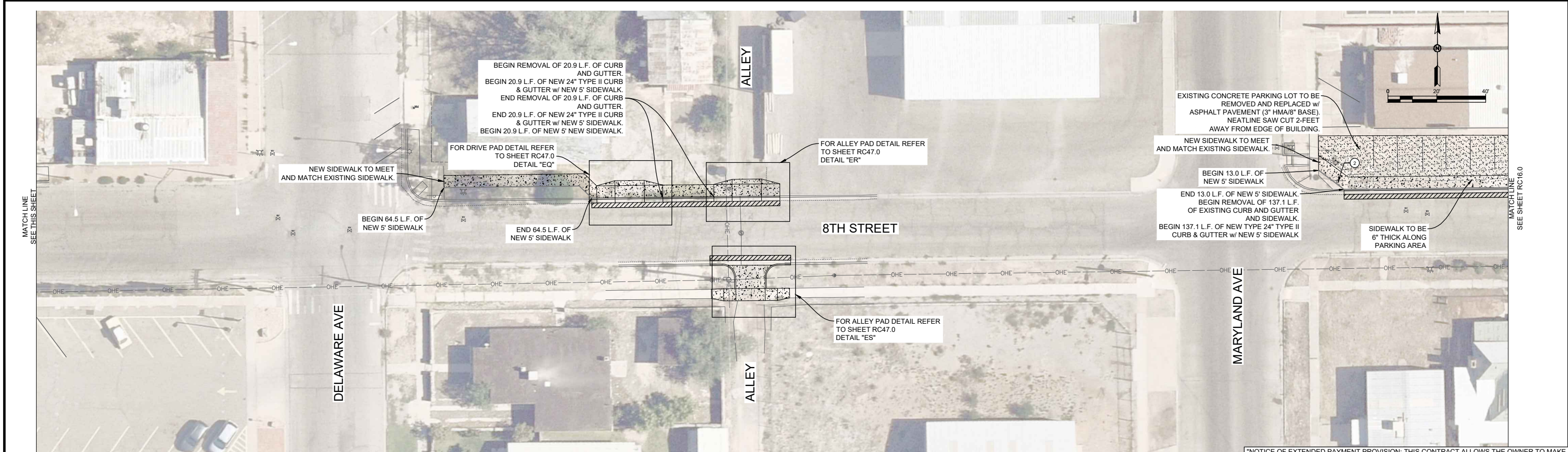
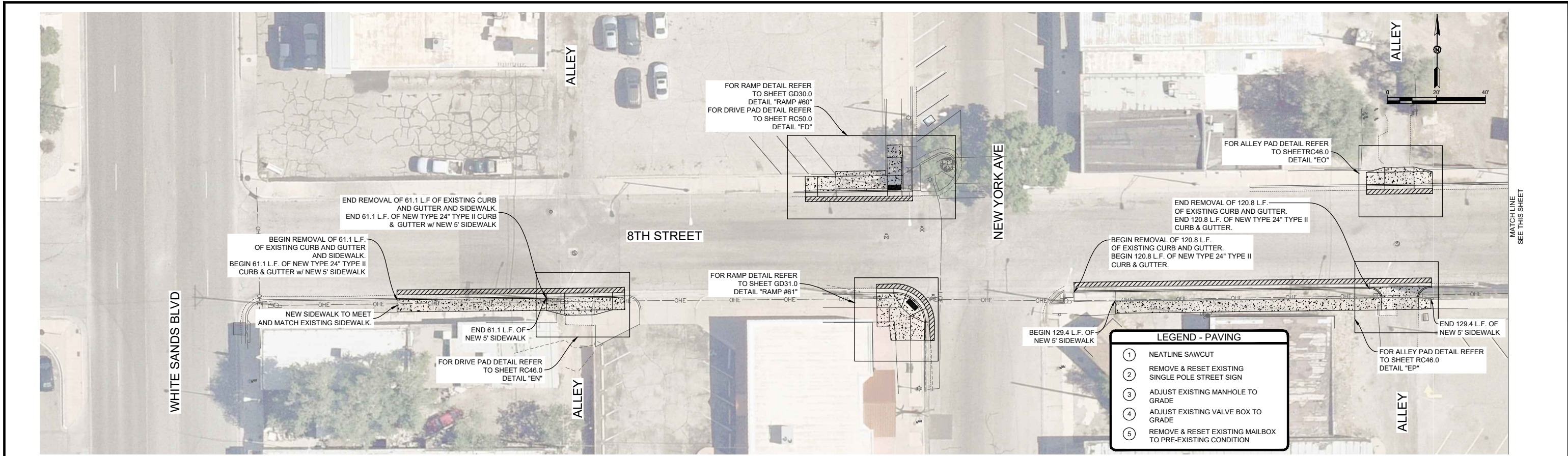
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

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Sheet No.: **RC14.0**
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

REV. No.	DATE	DESCRIPTION	APPROVED

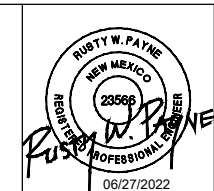
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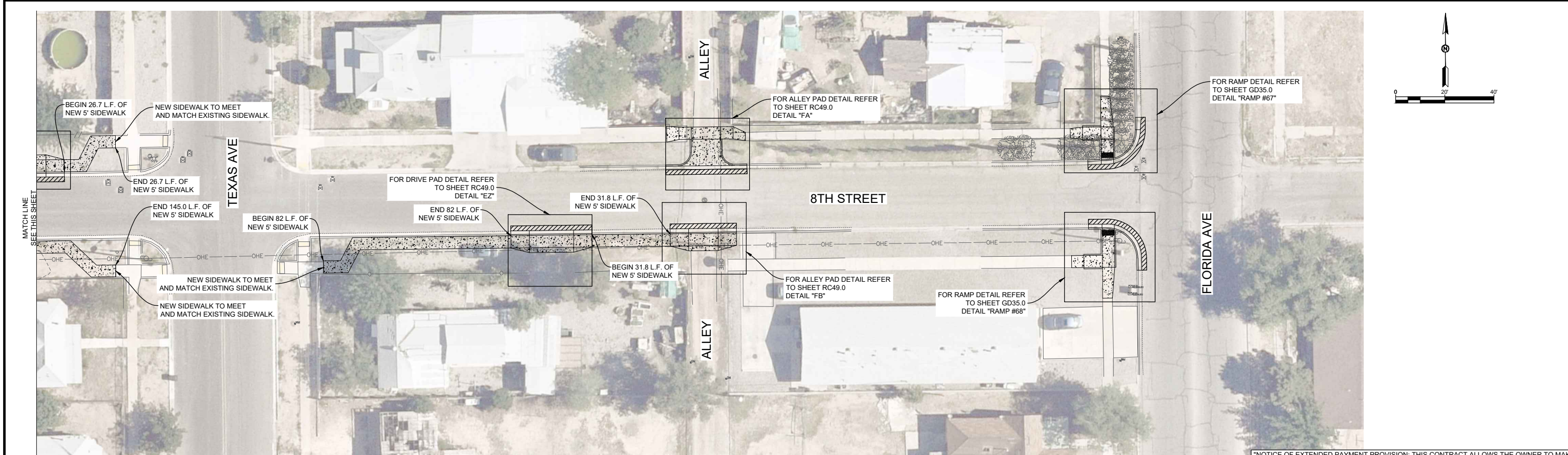
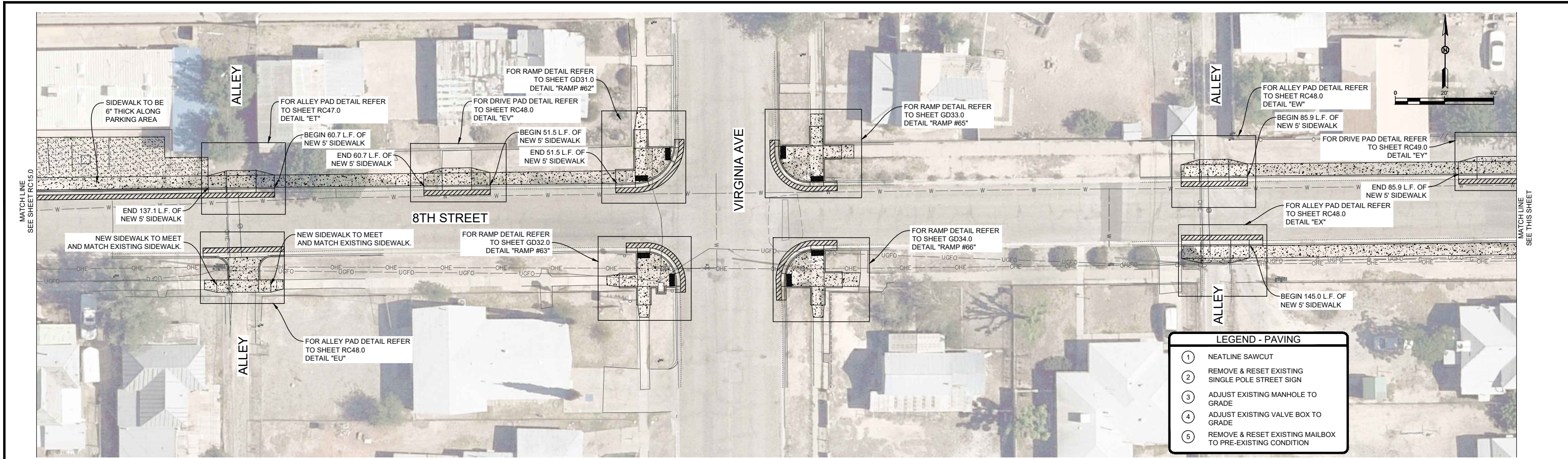
8TH STREET SIDEWALK LAYOUT

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Checked By: SMITH Approved By: COA	
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

REV. No.	DATE	DESCRIPTION	APPROVED

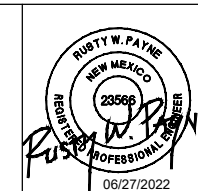
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8TH STREET SIDEWALK LAYOUT

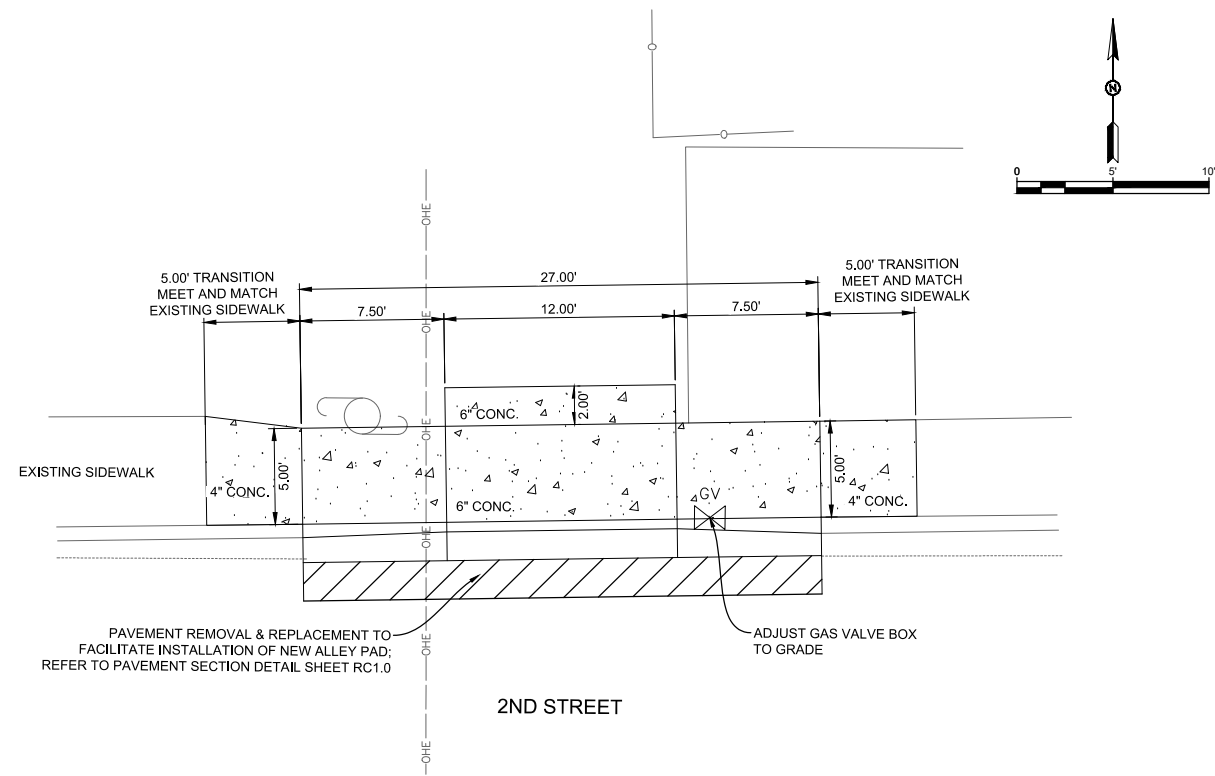
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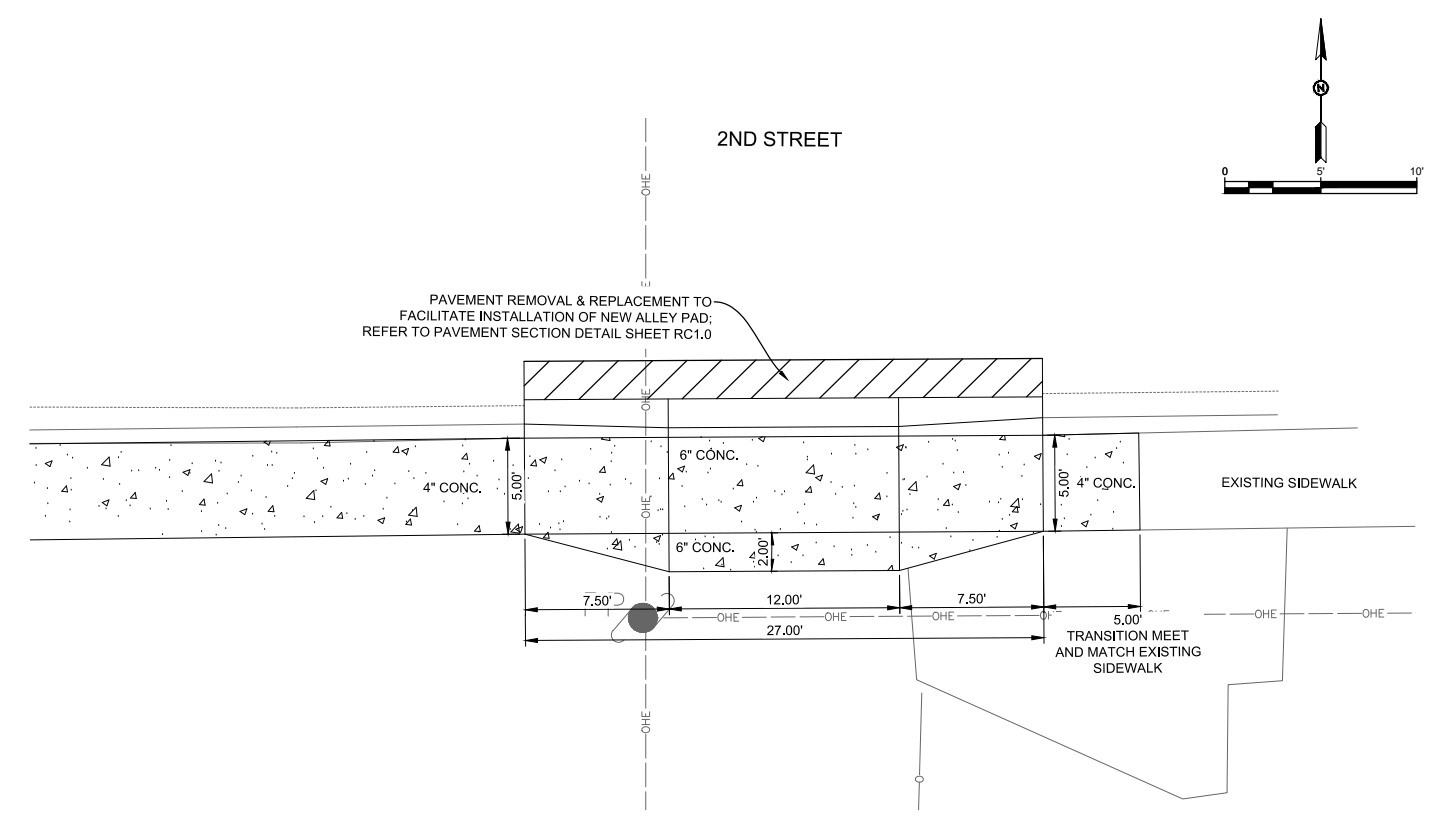
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RC16.0

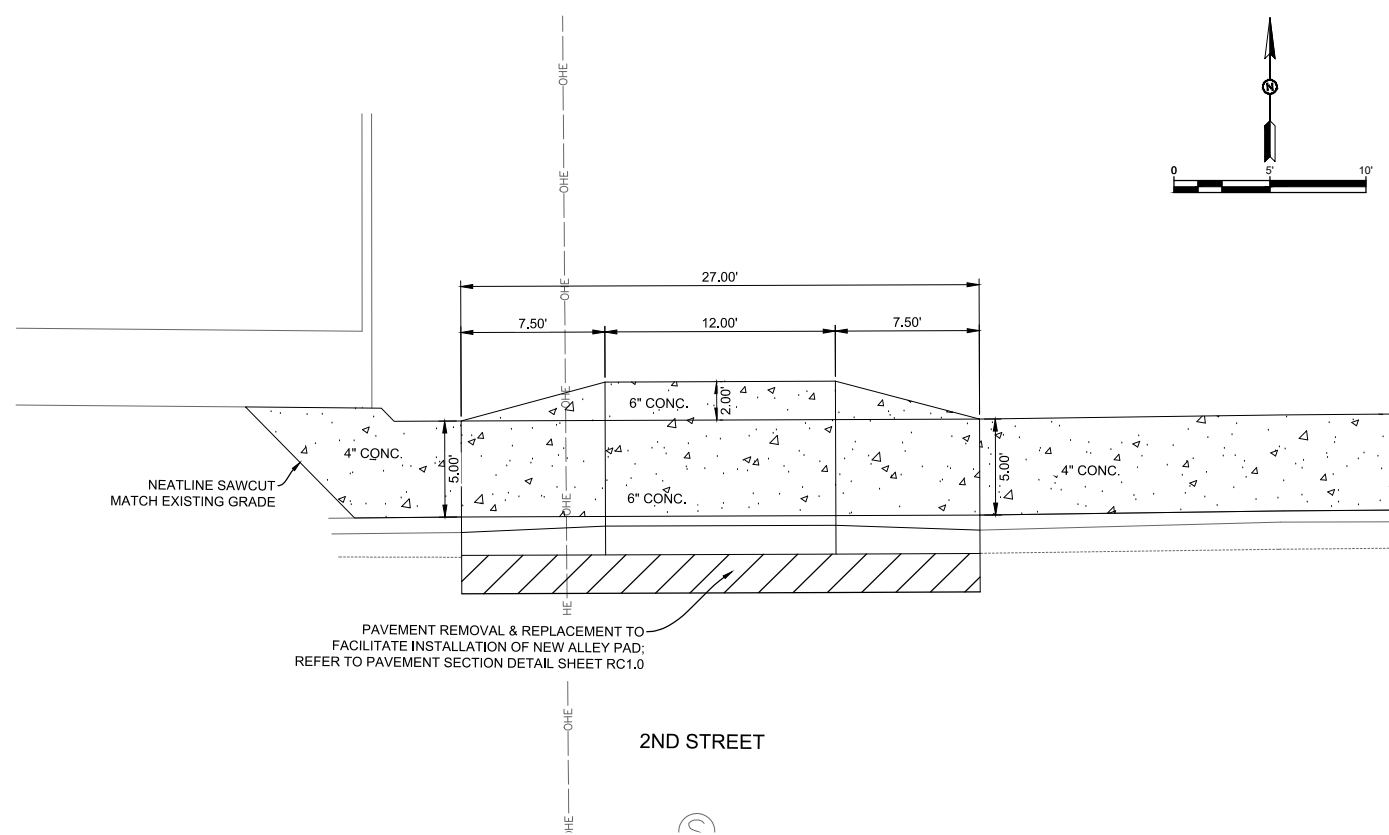


ALLEY PAD DETAIL "A"

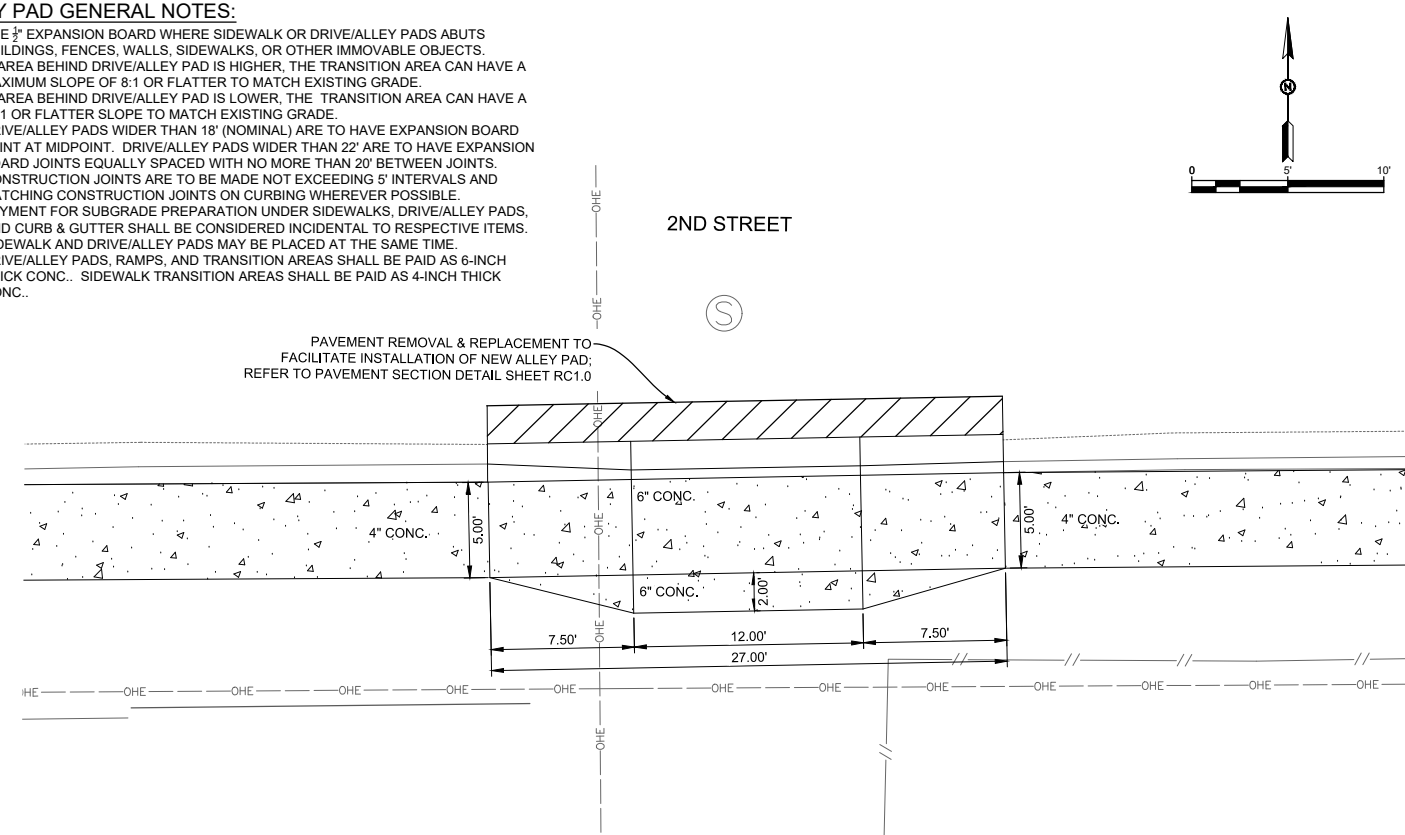


ALLEY PAD DETAIL "B"

- ALLEY PAD GENERAL NOTES:**
1. USE $\frac{3}{8}$ " EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
 2. IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
 3. IF AREA BEHIND DRIVE/ALLEY PAD IS LOWER, THE TRANSITION AREA CAN HAVE A 12:1 OR FLATTER SLOPE TO MATCH EXISTING GRADE.
 4. DRIVE/ALLEY PADS WIDER THAN 18' (NOMINAL) ARE TO HAVE EXPANSION BOARD JOINT AT MIDPOINT. DRIVE/ALLEY PADS WIDER THAN 22' ARE TO HAVE EXPANSION BOARD JOINTS EQUALLY SPACED WITH NO MORE THAN 20' BETWEEN JOINTS. CONSTRUCTION JOINTS ARE TO BE MADE NOT EXCEEDING 5' INTERVALS AND MATCHING CONSTRUCTION JOINTS ON CURBING WHEREVER POSSIBLE.
 5. PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS, DRIVE/ALLEY PADS, AND CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO RESPECTIVE ITEMS.
 6. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
 7. DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONC.. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONC..



ALLEY PAD DETAIL "C"

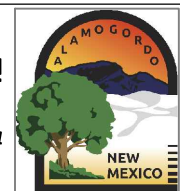


ALLEY PAD DETAIL "D"

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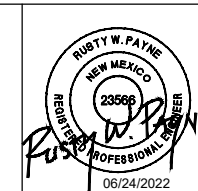
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ADA Compliant Sidewalk Improvements

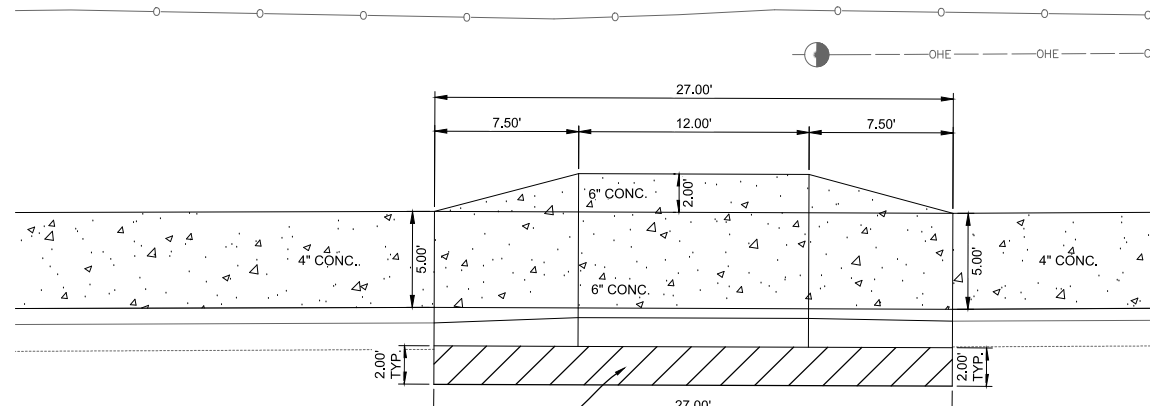
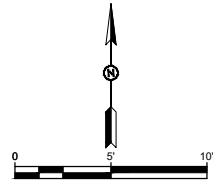
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 201 N Church Street Suite 200A
 Las Cruces, NM 89001
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Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 23 of 91
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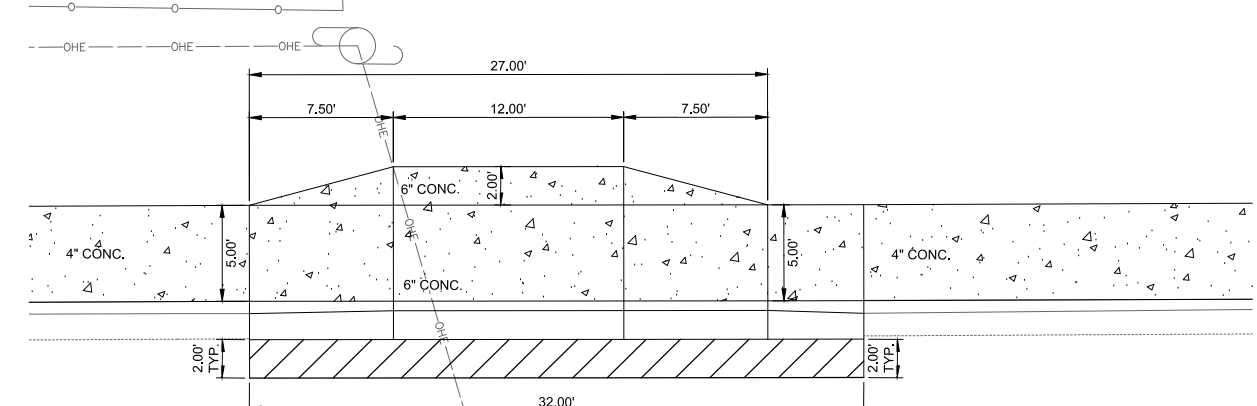
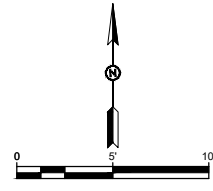
RC17.0



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

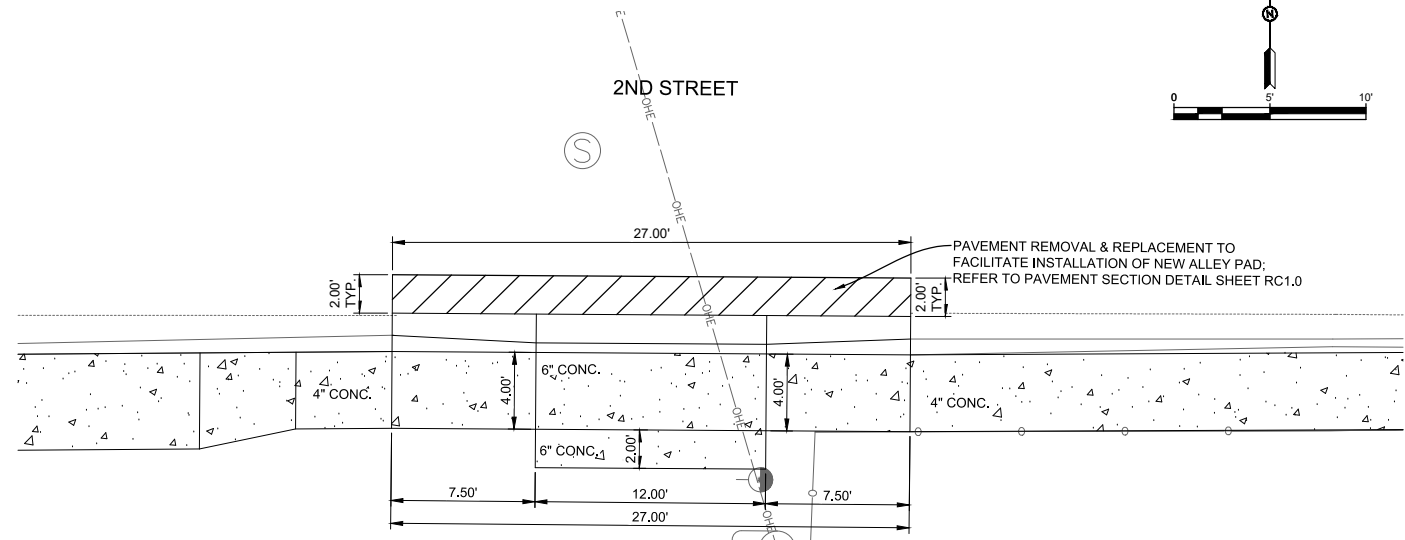
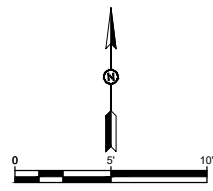
2ND STREET

DRIVE PAD DETAIL "E"



2ND STREET

ALLEY PAD DETAIL "F"

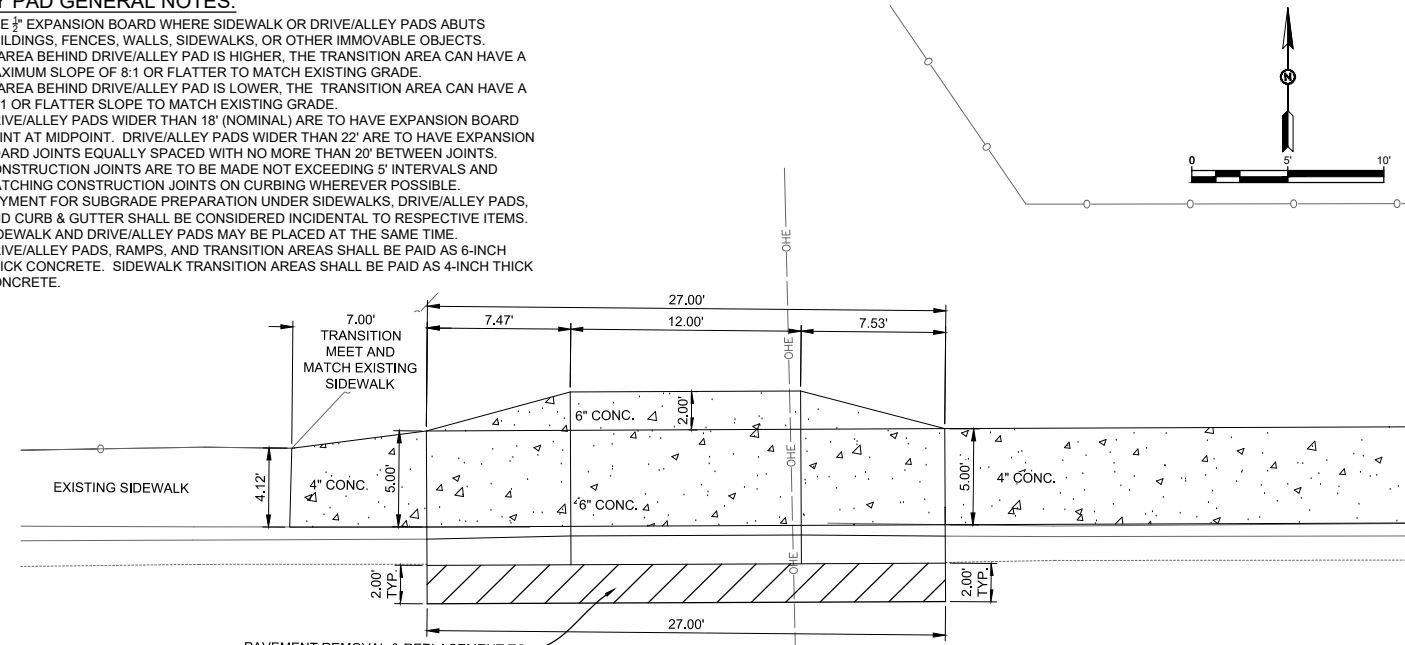
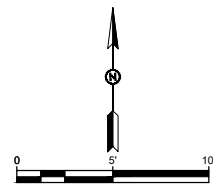


PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

ALLEY PAD DETAIL "G"

ALLEY PAD GENERAL NOTES:

1. USE 3/8" EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
2. IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
3. IF AREA BEHIND DRIVE/ALLEY PAD IS LOWER, THE TRANSITION AREA CAN HAVE A 12:1 OR FLATTER SLOPE TO MATCH EXISTING GRADE.
4. DRIVE/ALLEY PADS WIDER THAN 18' (NOMINAL) ARE TO HAVE EXPANSION BOARD JOINT AT MIDPOINT. DRIVE/ALLEY PADS WIDER THAN 22' ARE TO HAVE EXPANSION BOARD JOINTS EQUALLY SPACED WITH NO MORE THAN 20' BETWEEN JOINTS. CONSTRUCTION JOINTS ARE TO BE MADE NOT EXCEEDING 5' INTERVALS AND MATCHING CONSTRUCTION JOINTS ON CURBING WHEREVER POSSIBLE.
5. PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS, DRIVE/ALLEY PADS, AND CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO RESPECTIVE ITEMS.
6. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
7. DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONCRETE. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONCRETE.



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

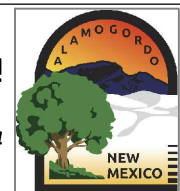
2ND STREET

ALLEY PAD DETAIL "H"

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

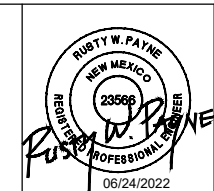
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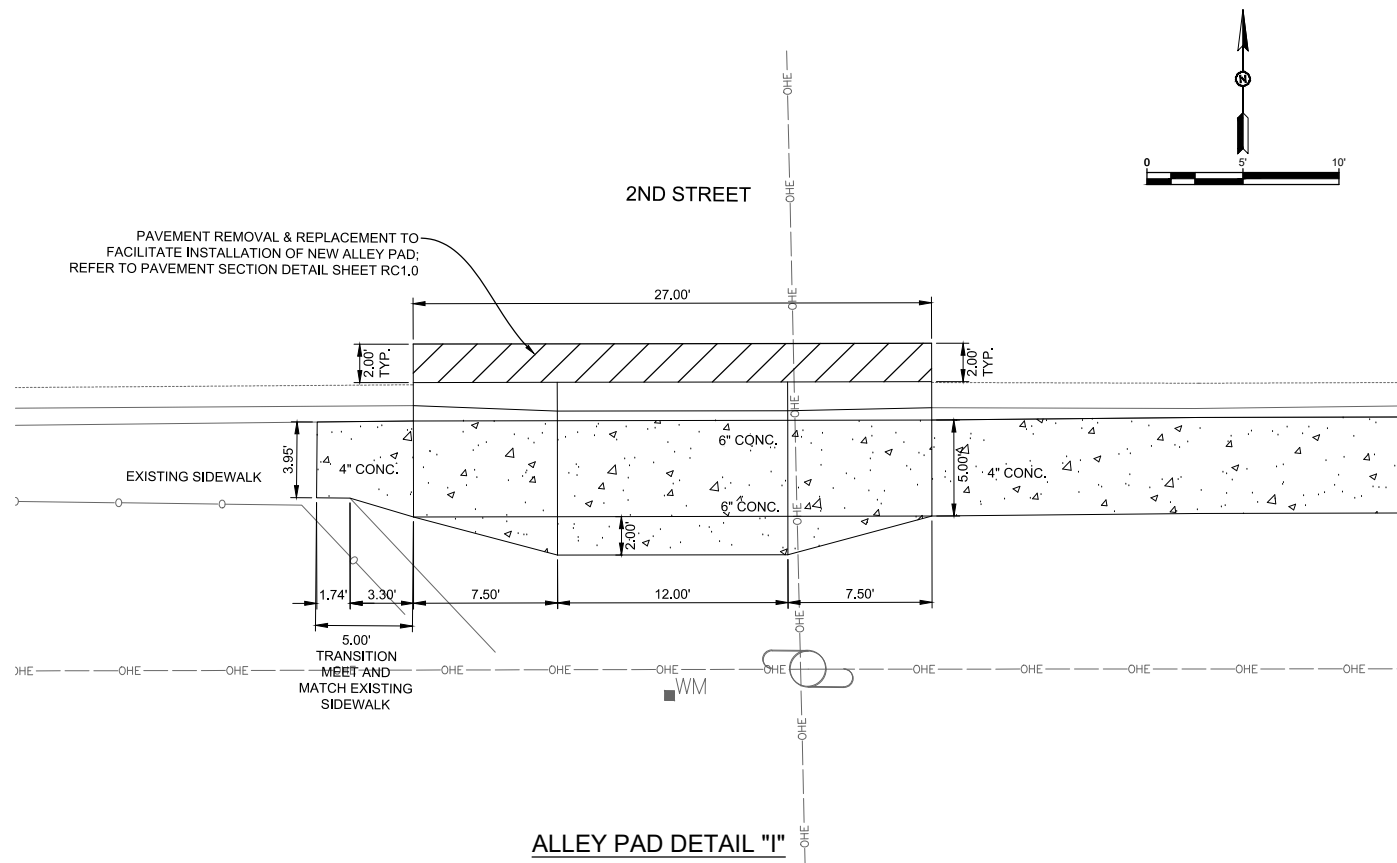
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



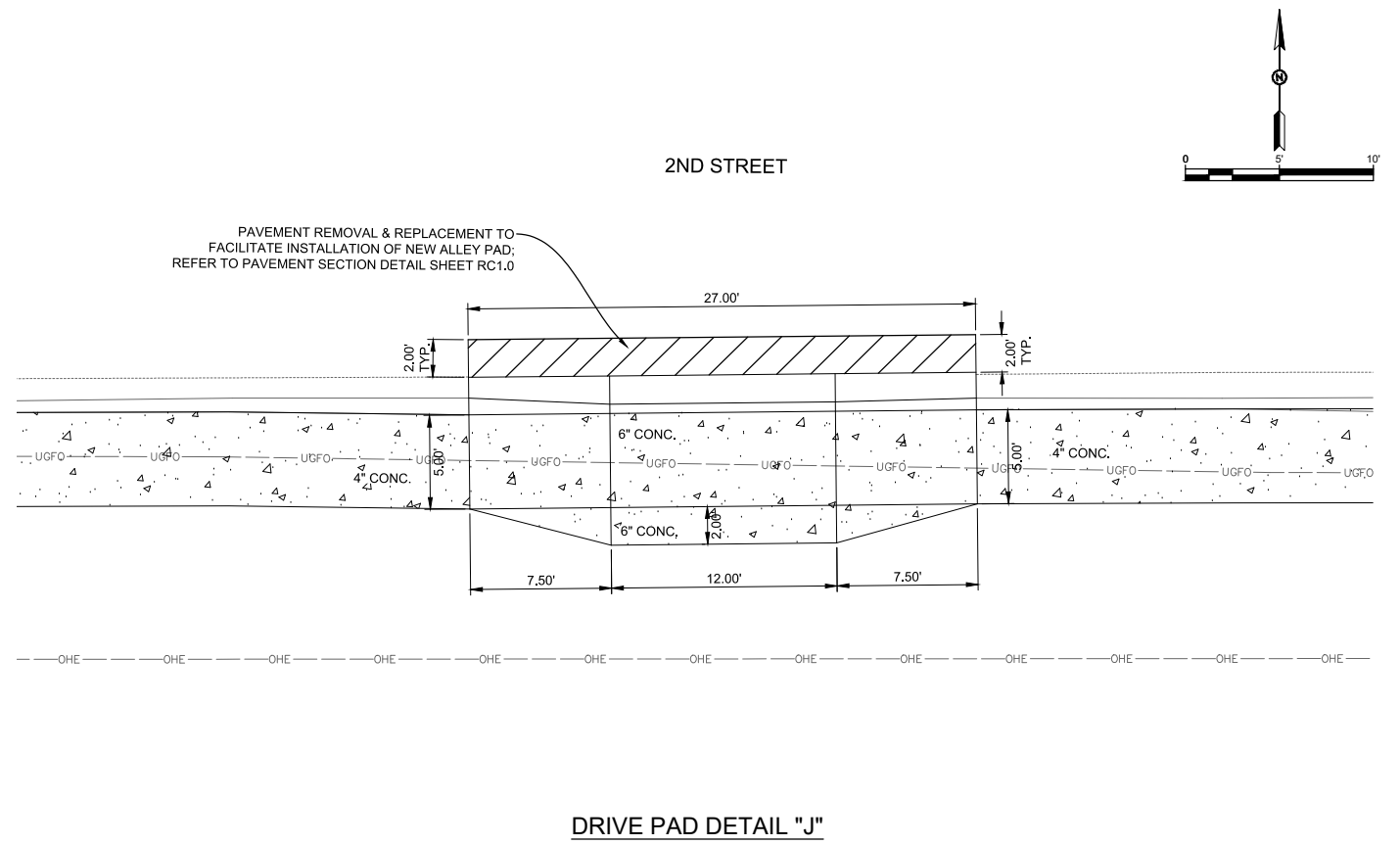
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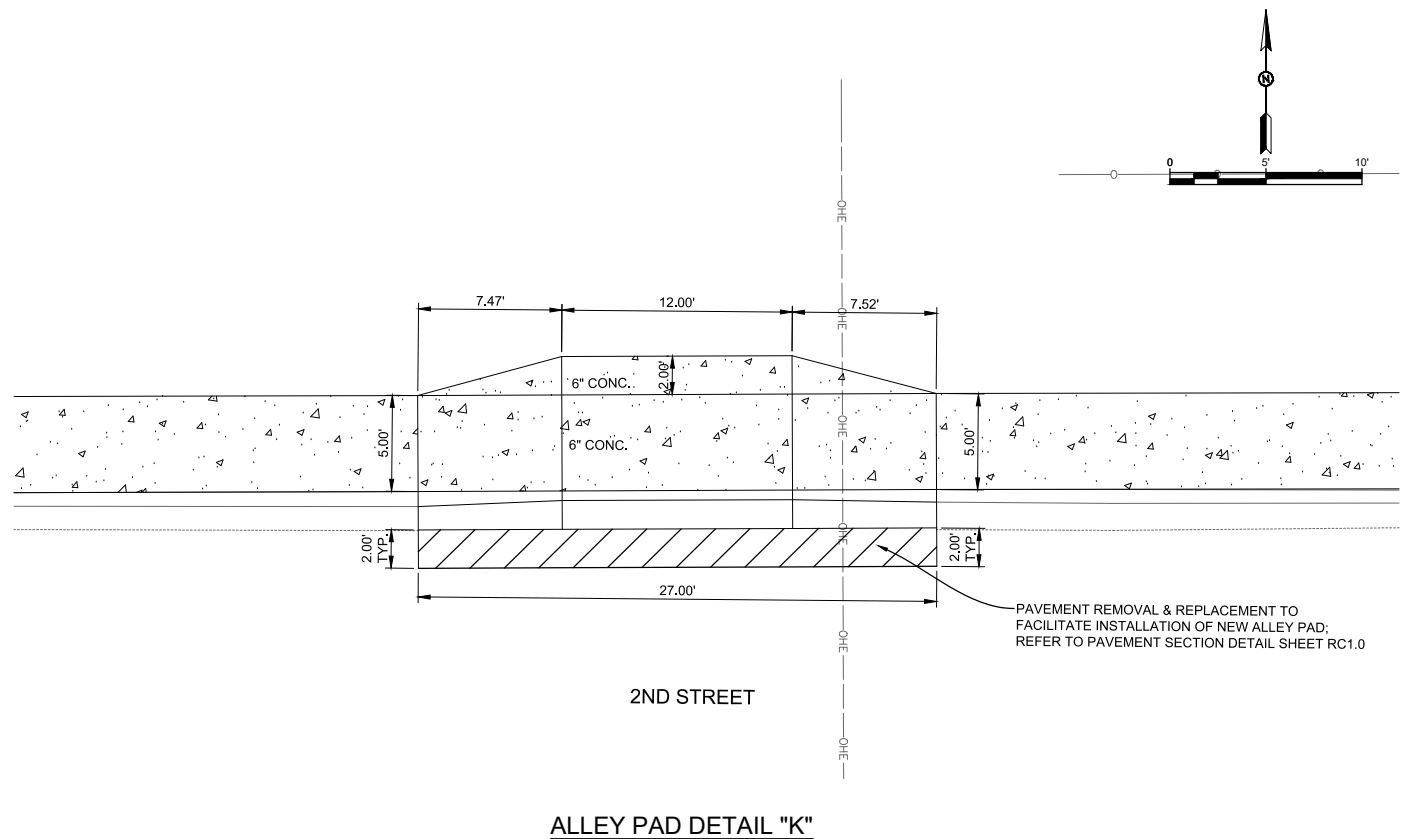
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ALLEY PAD DETAIL "I"



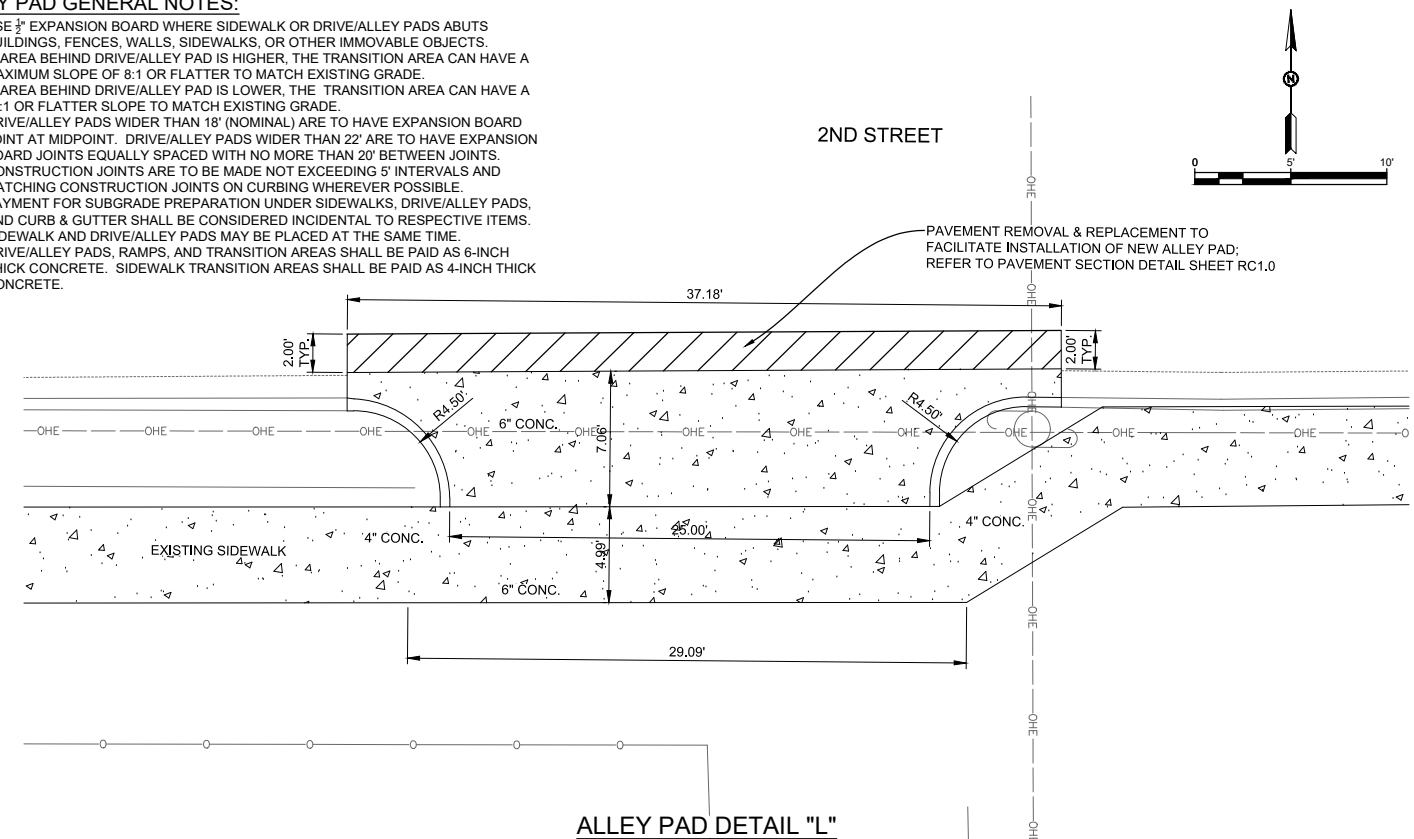
DRIVE PAD DETAIL "J"



ALLEY PAD DETAIL "K"

ALLEY PAD GENERAL NOTES:

1. USE $\frac{3}{8}$ " EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
2. IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
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6. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
7. DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONCRETE. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONCRETE.

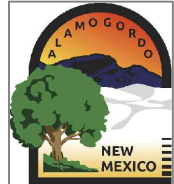


ALLEY PAD DETAIL "L"

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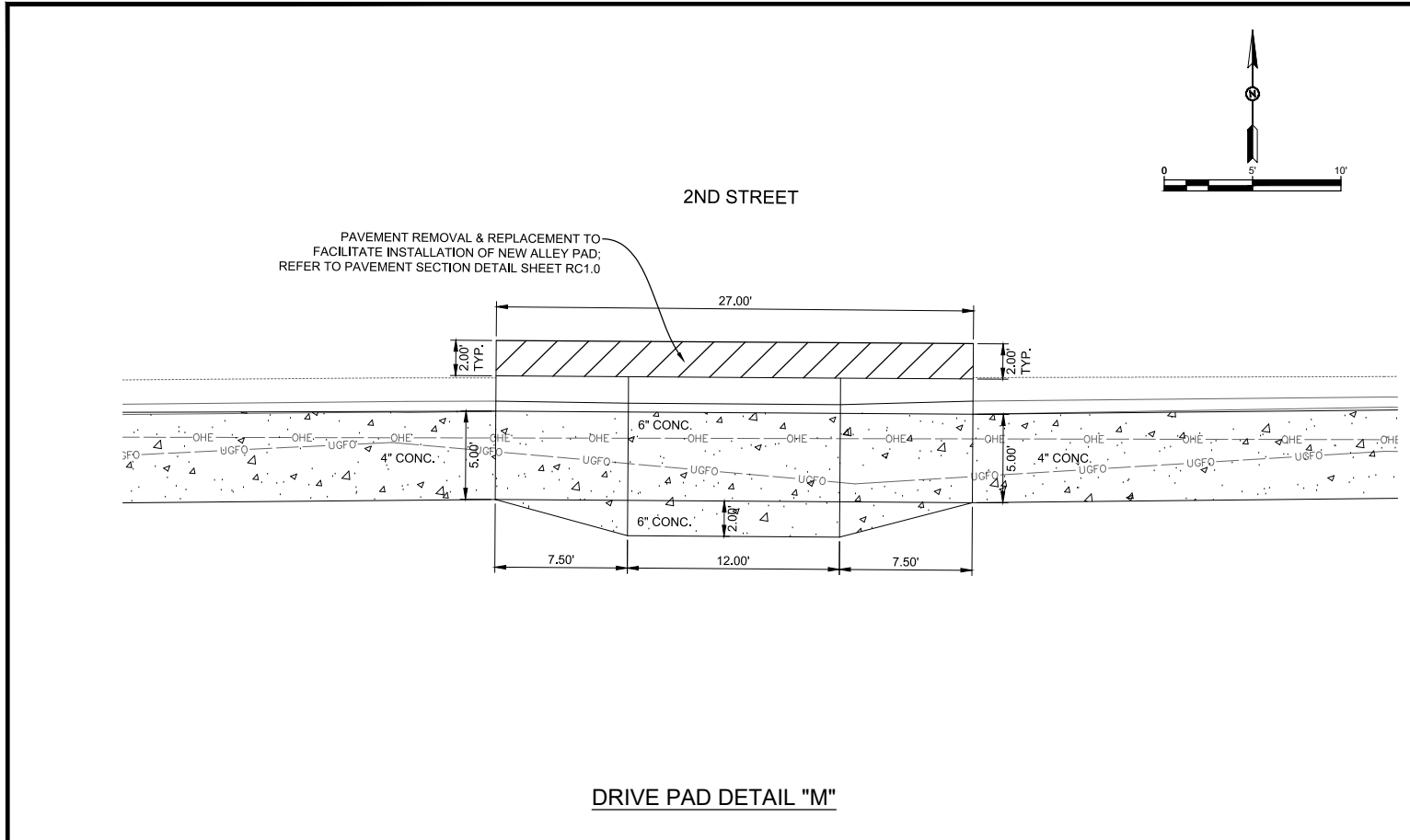
ADA Compliant Sidewalk Improvements

ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

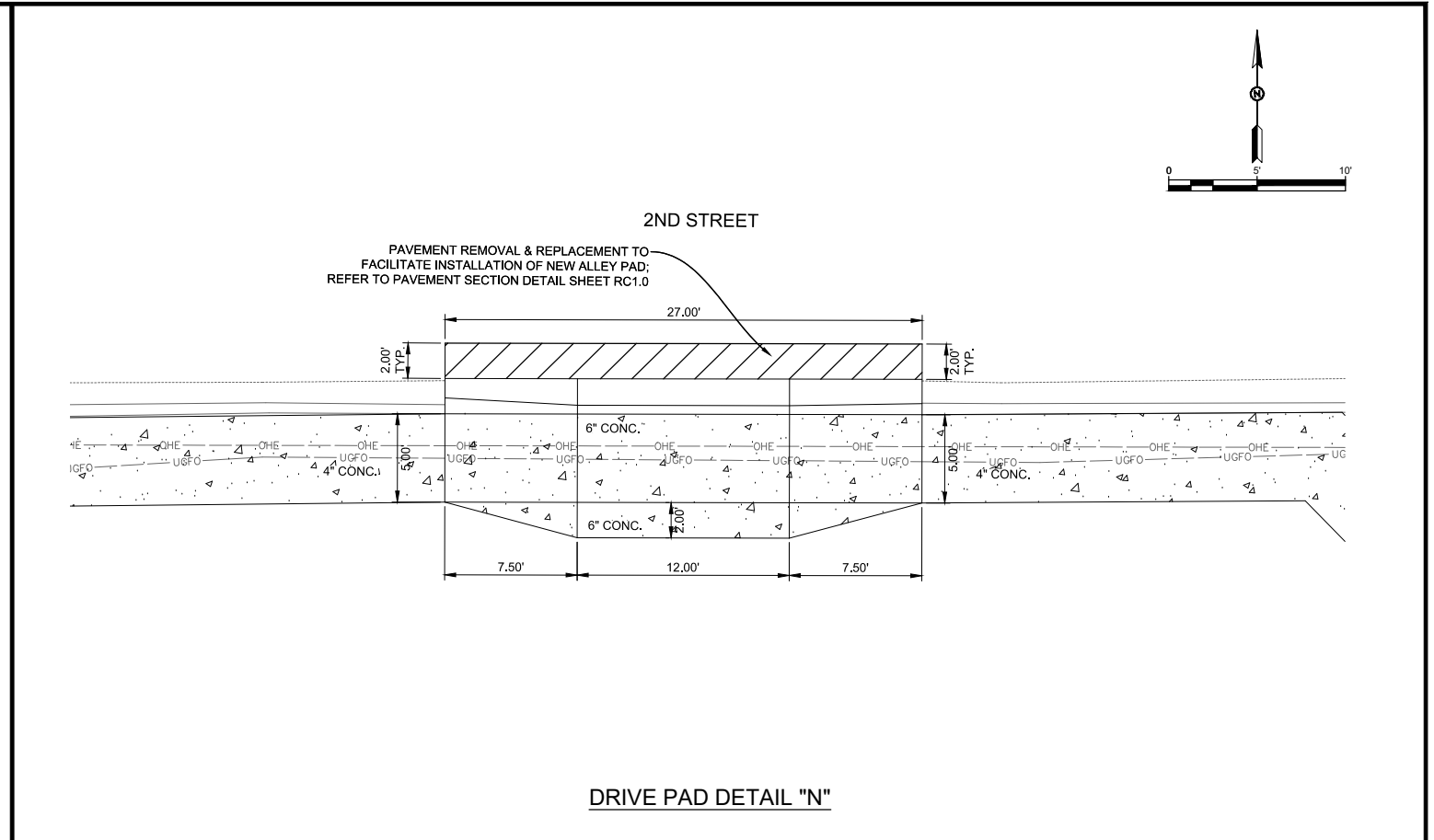


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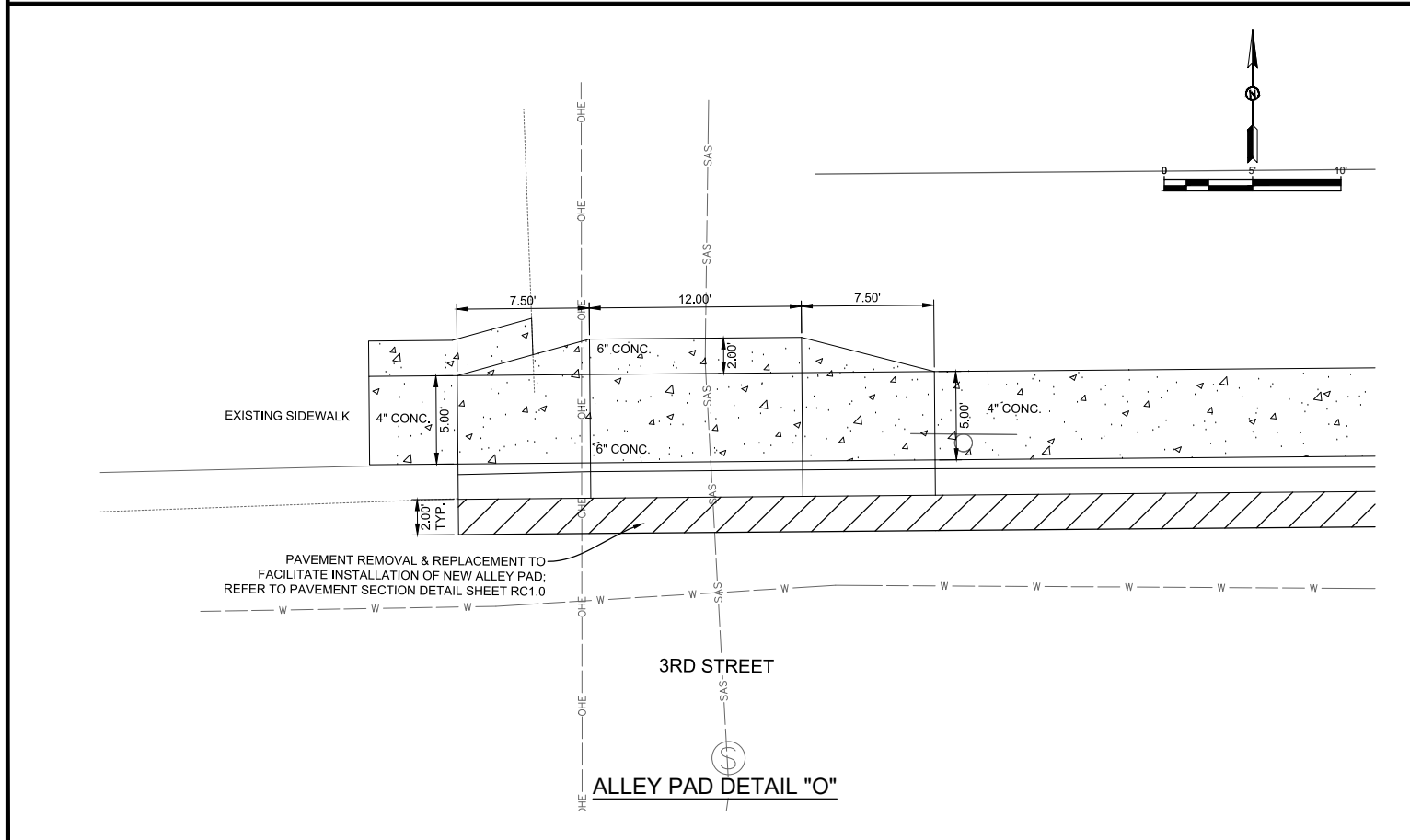
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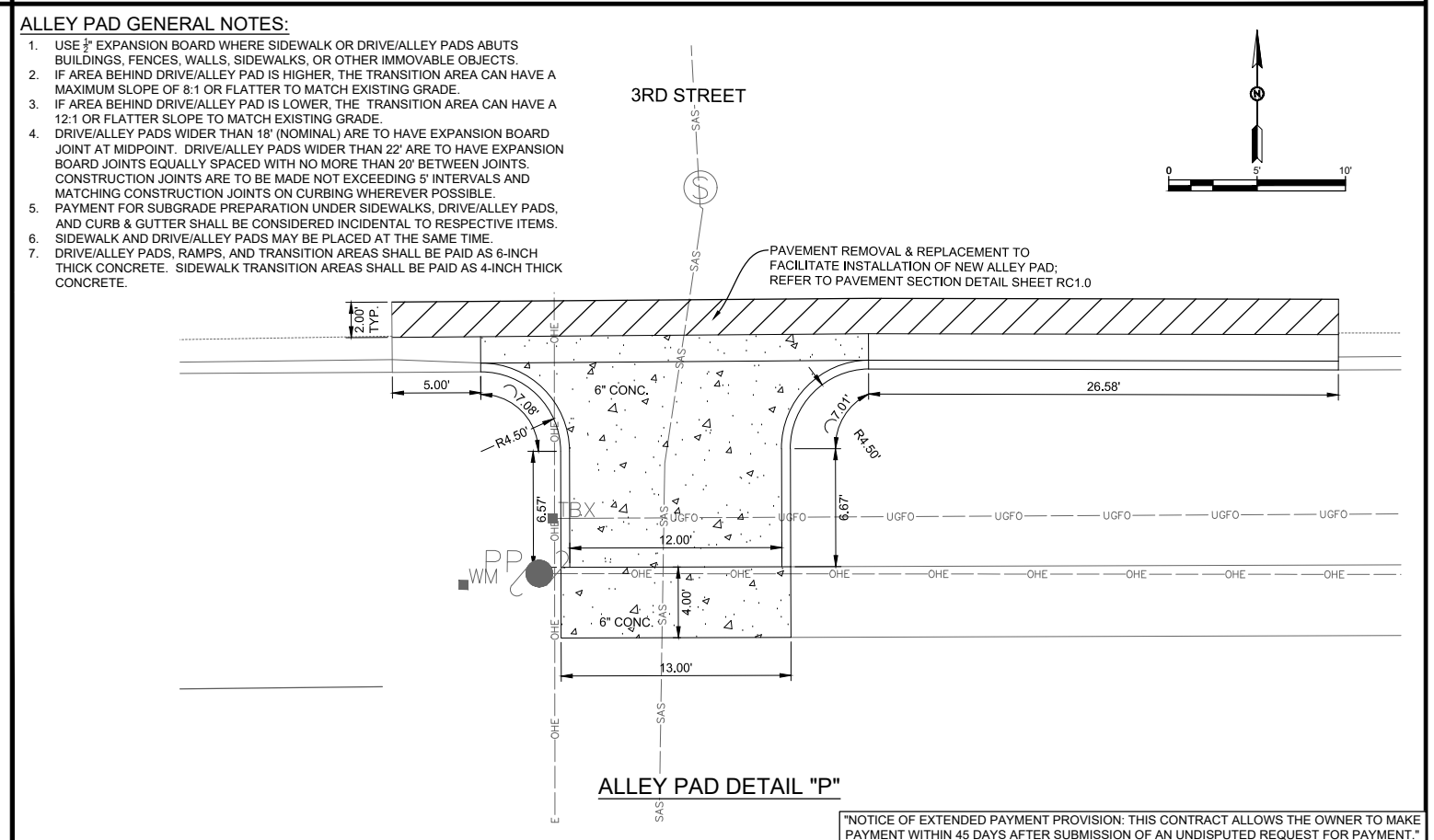
DRIVE PAD DETAIL "M"



DRIVE PAD DETAIL "N"



ALLEY PAD DETAIL "O"



ALLEY PAD DETAIL "P"

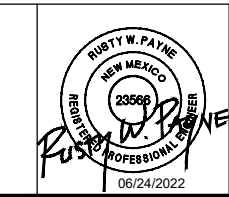
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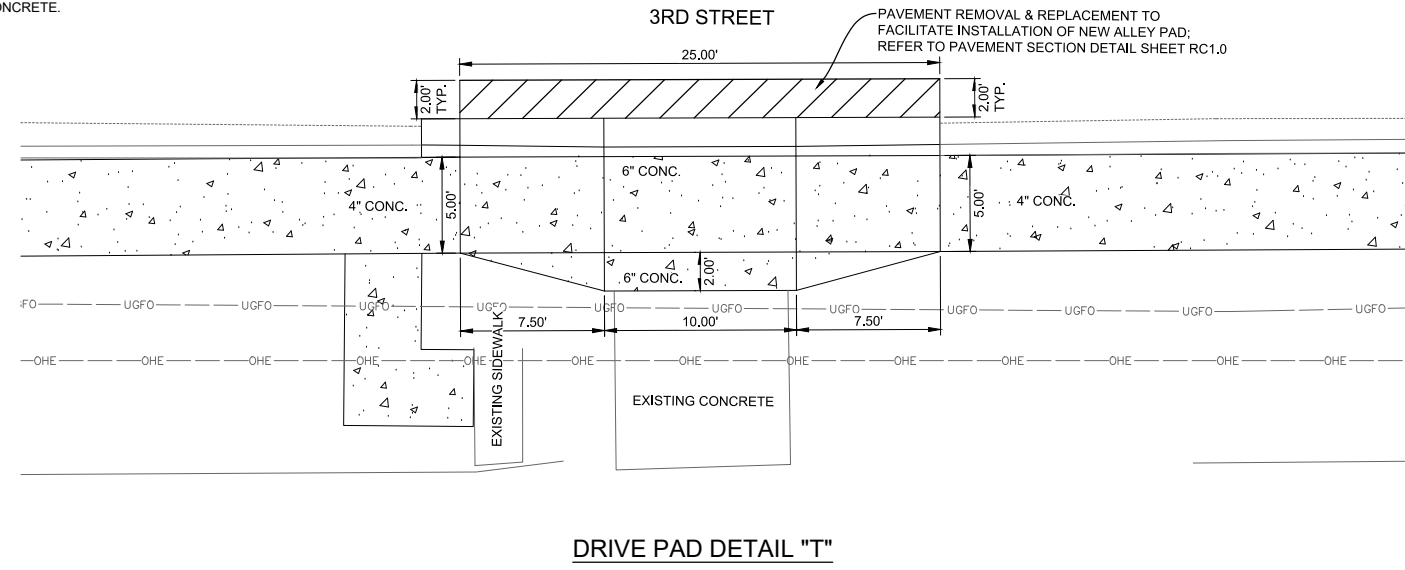
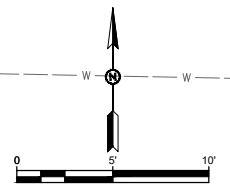
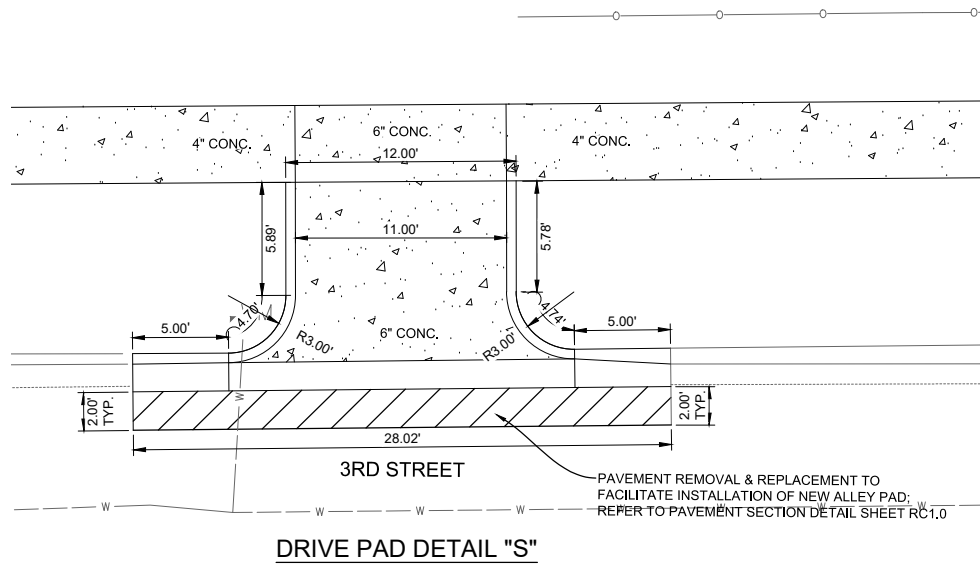
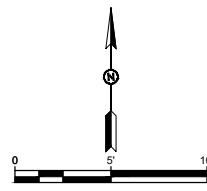
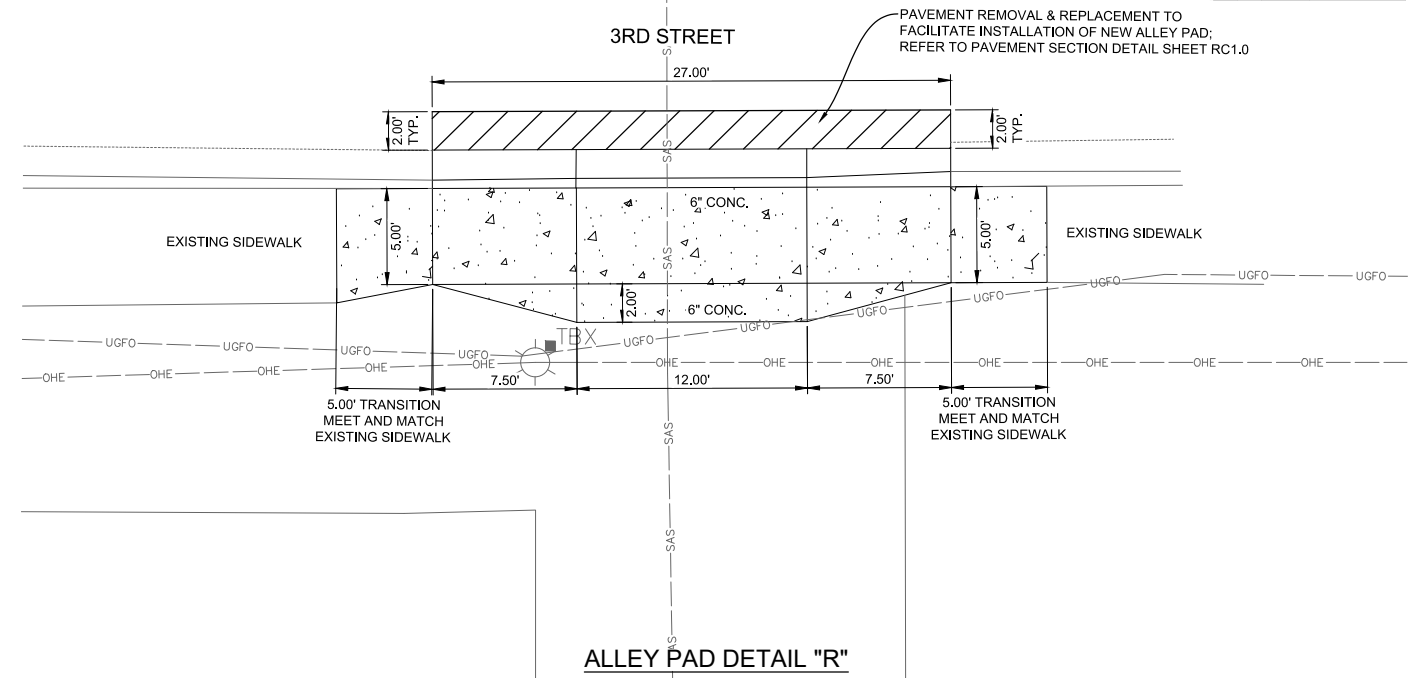
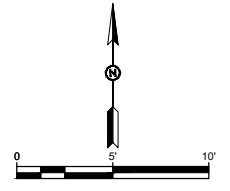
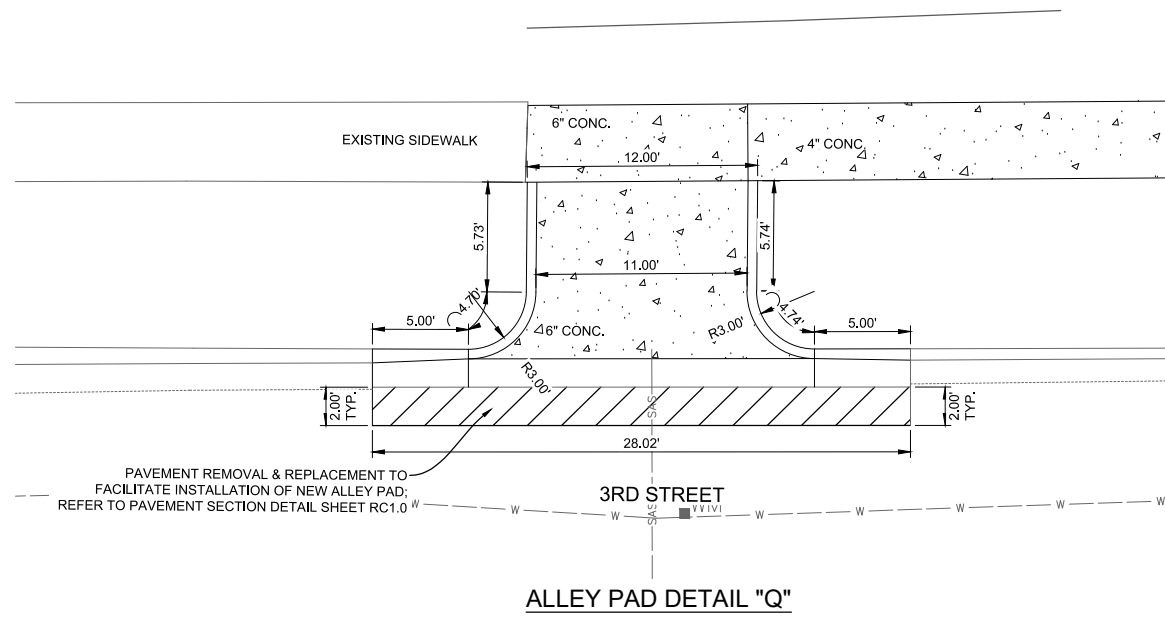
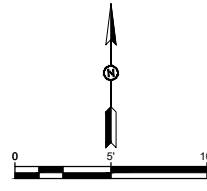
ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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

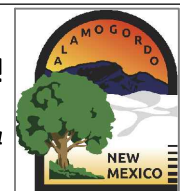


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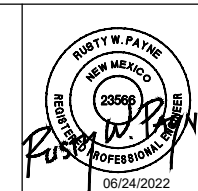
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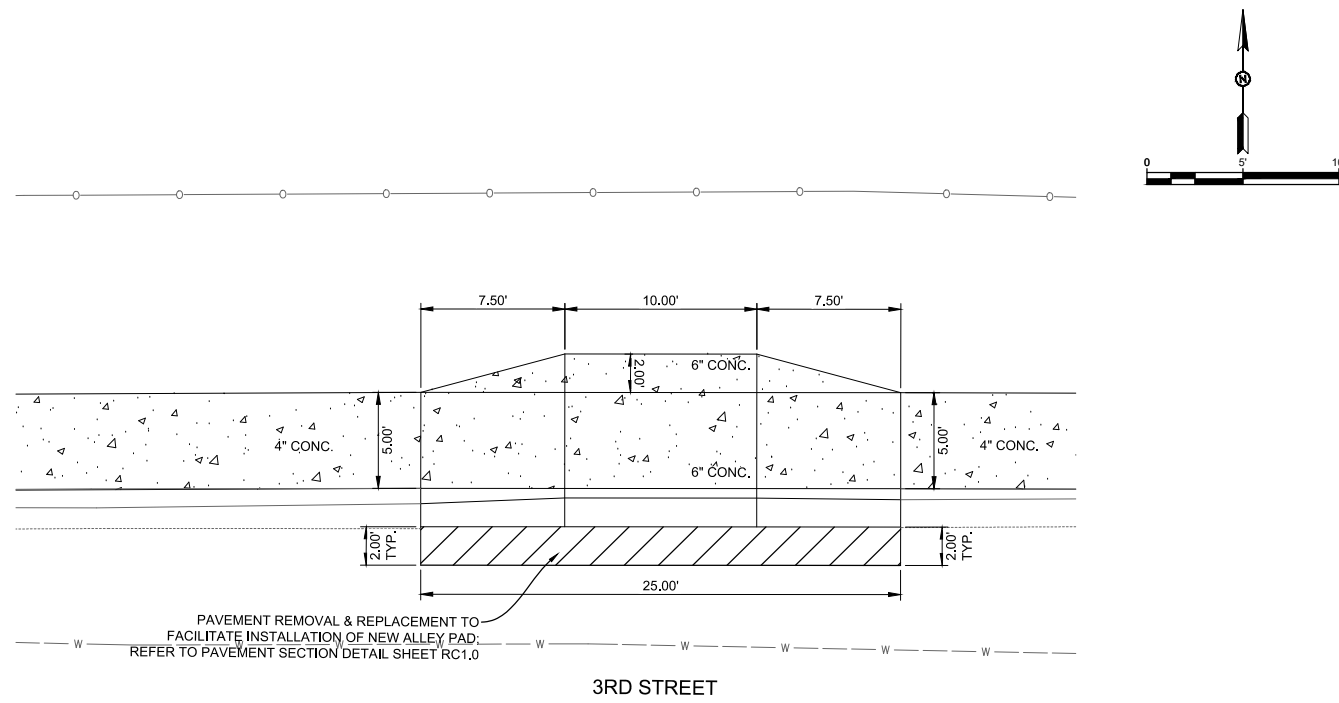


ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

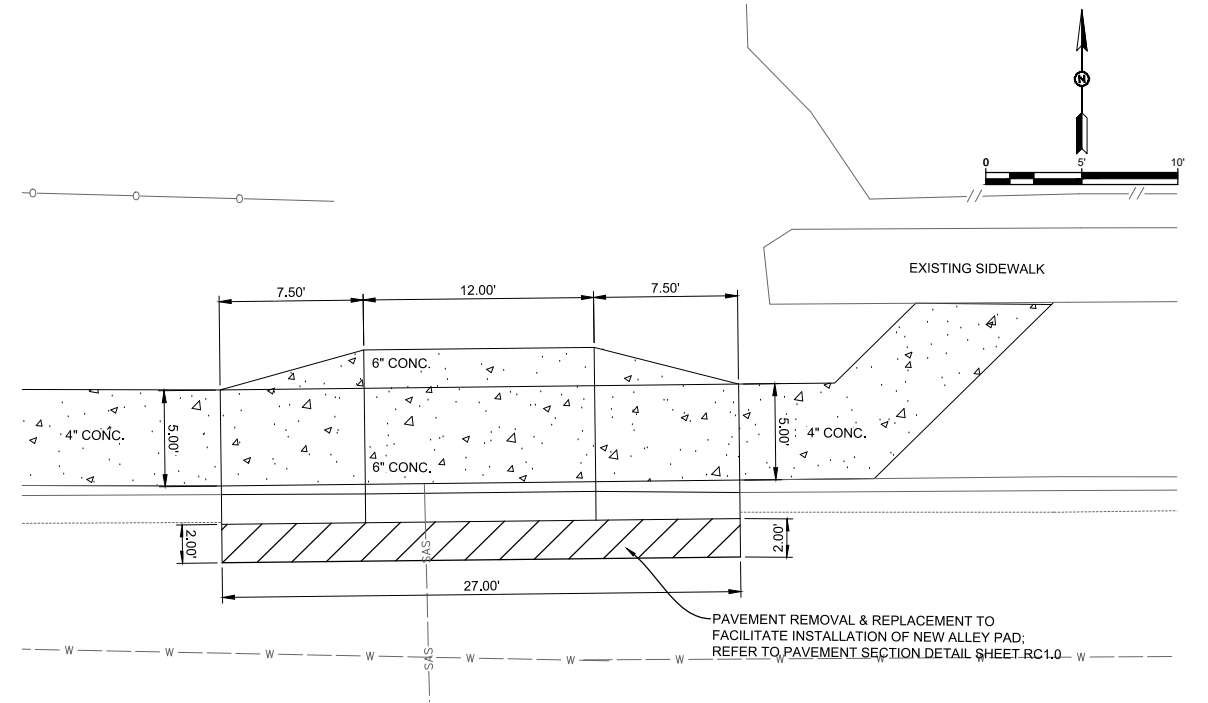


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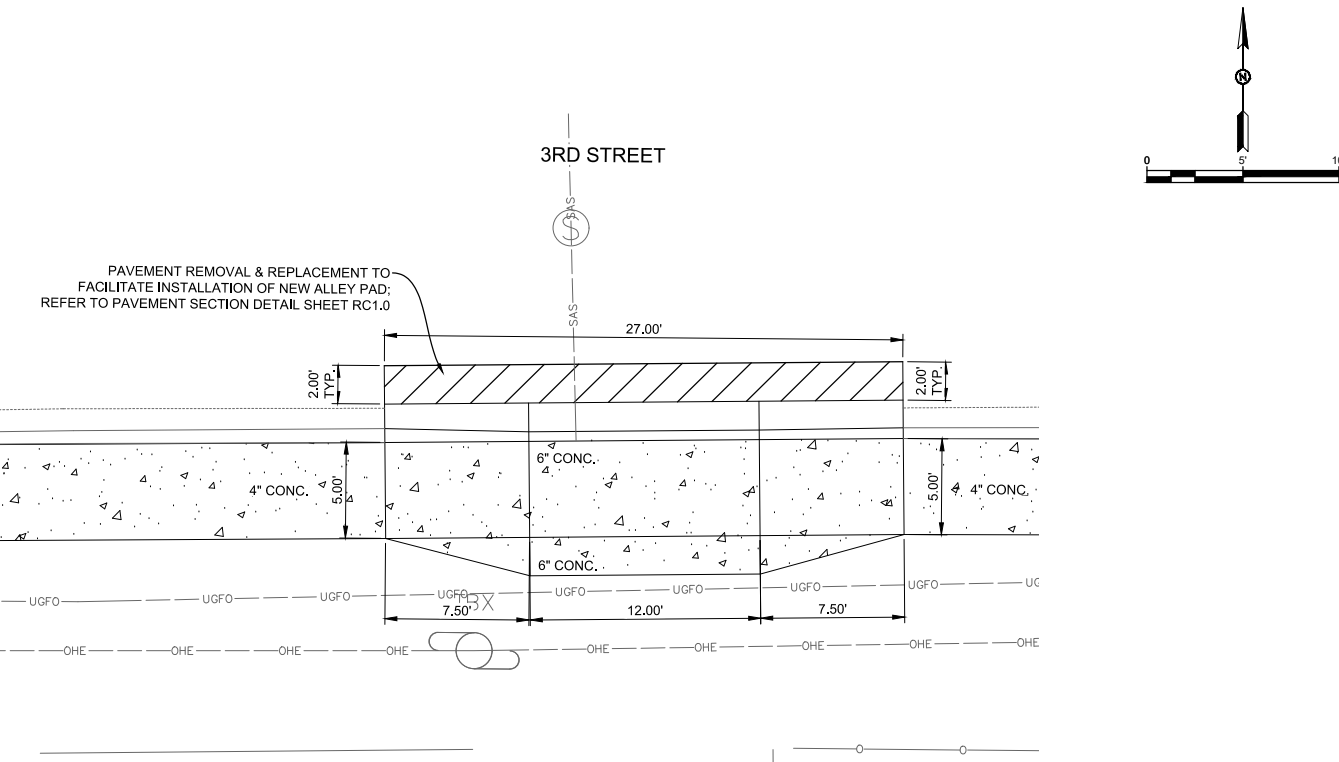
Sheet No.: **RC21.0**
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3RD STREET
DRIVE PAD DETAIL "U"



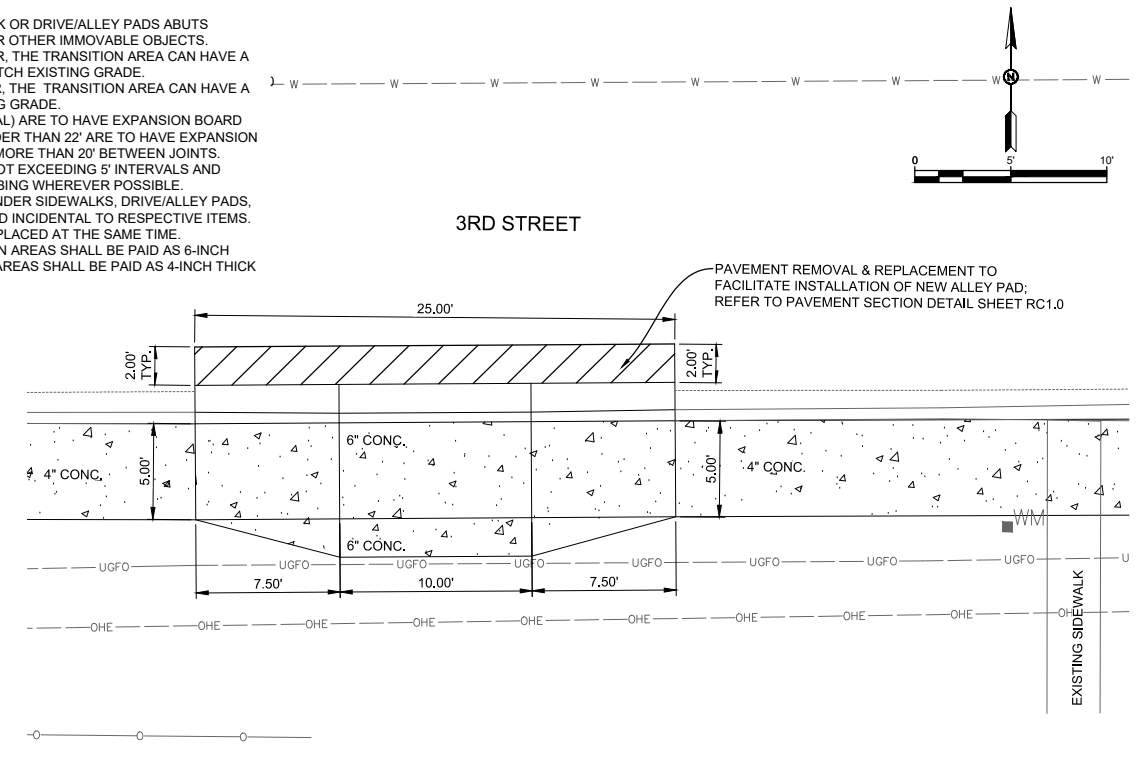
3RD STREET
ALLEY PAD DETAIL "V"



3RD STREET
ALLEY PAD DETAIL "W"

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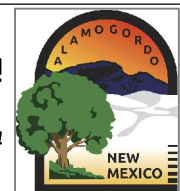


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DRIVE PAD DETAIL "X"

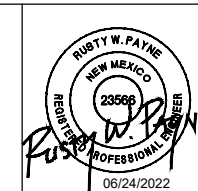
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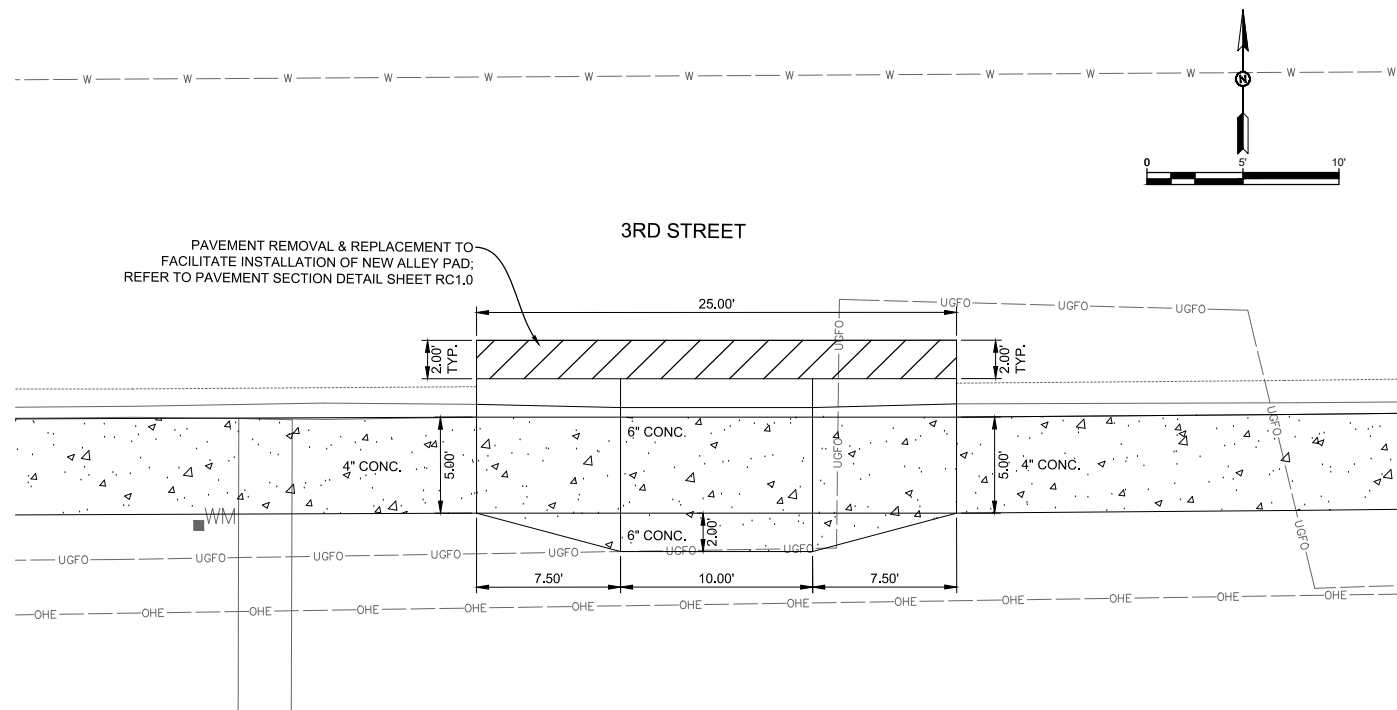
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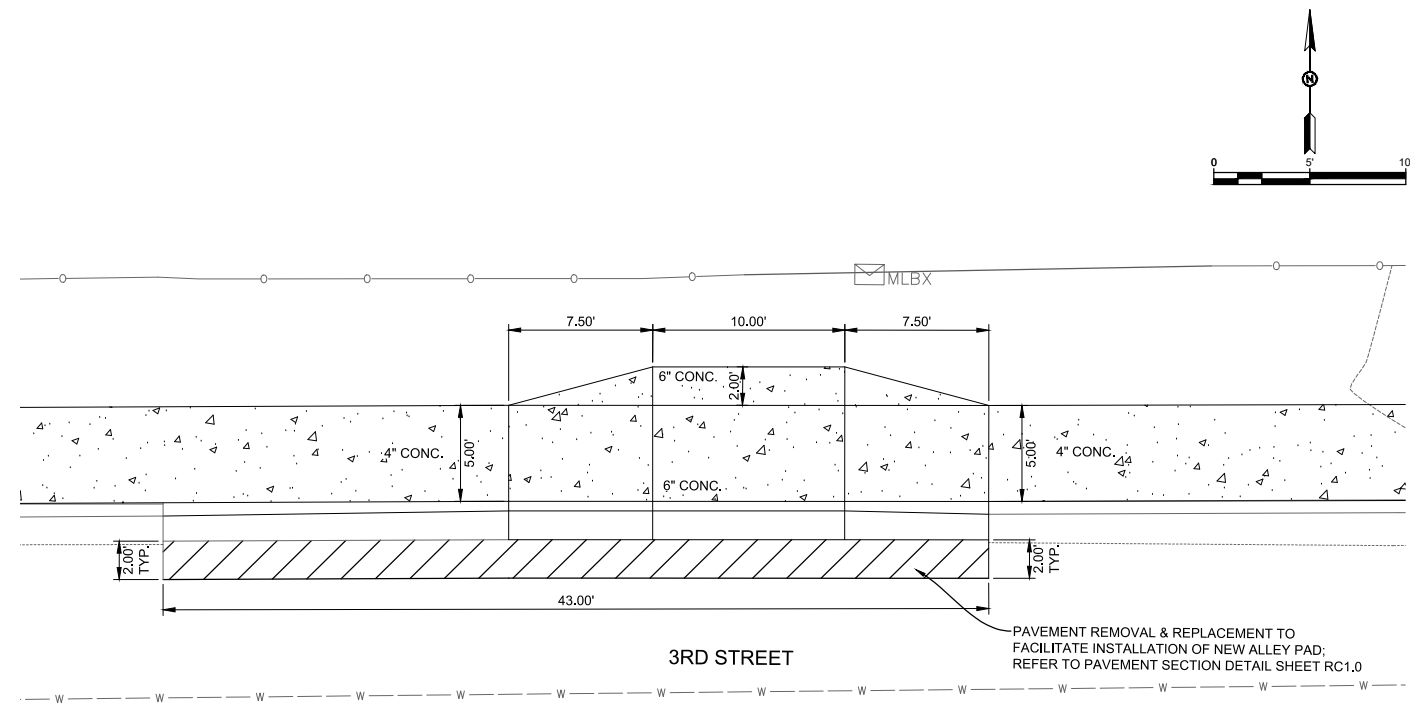
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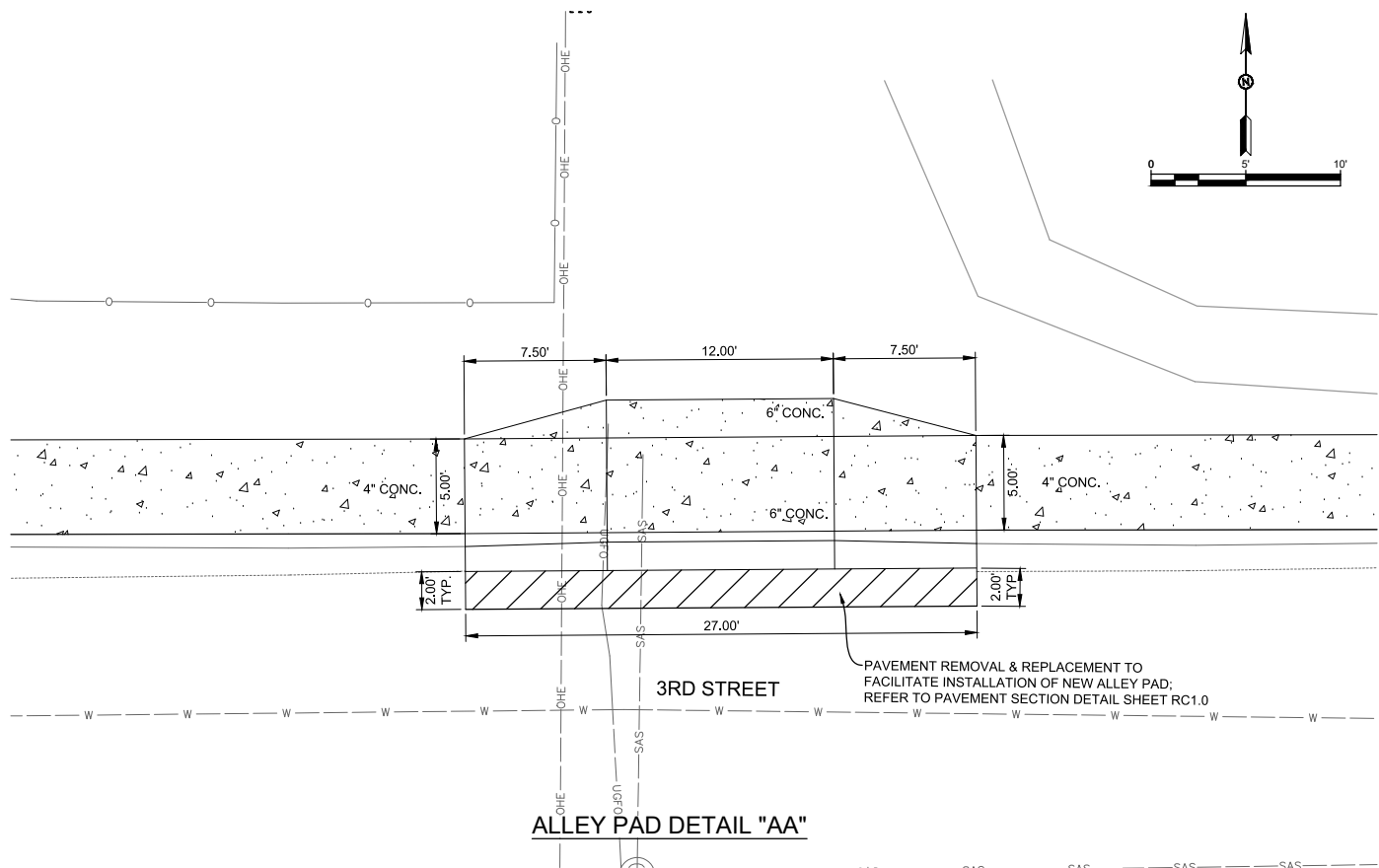
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DRIVE PAD DETAIL "Y"



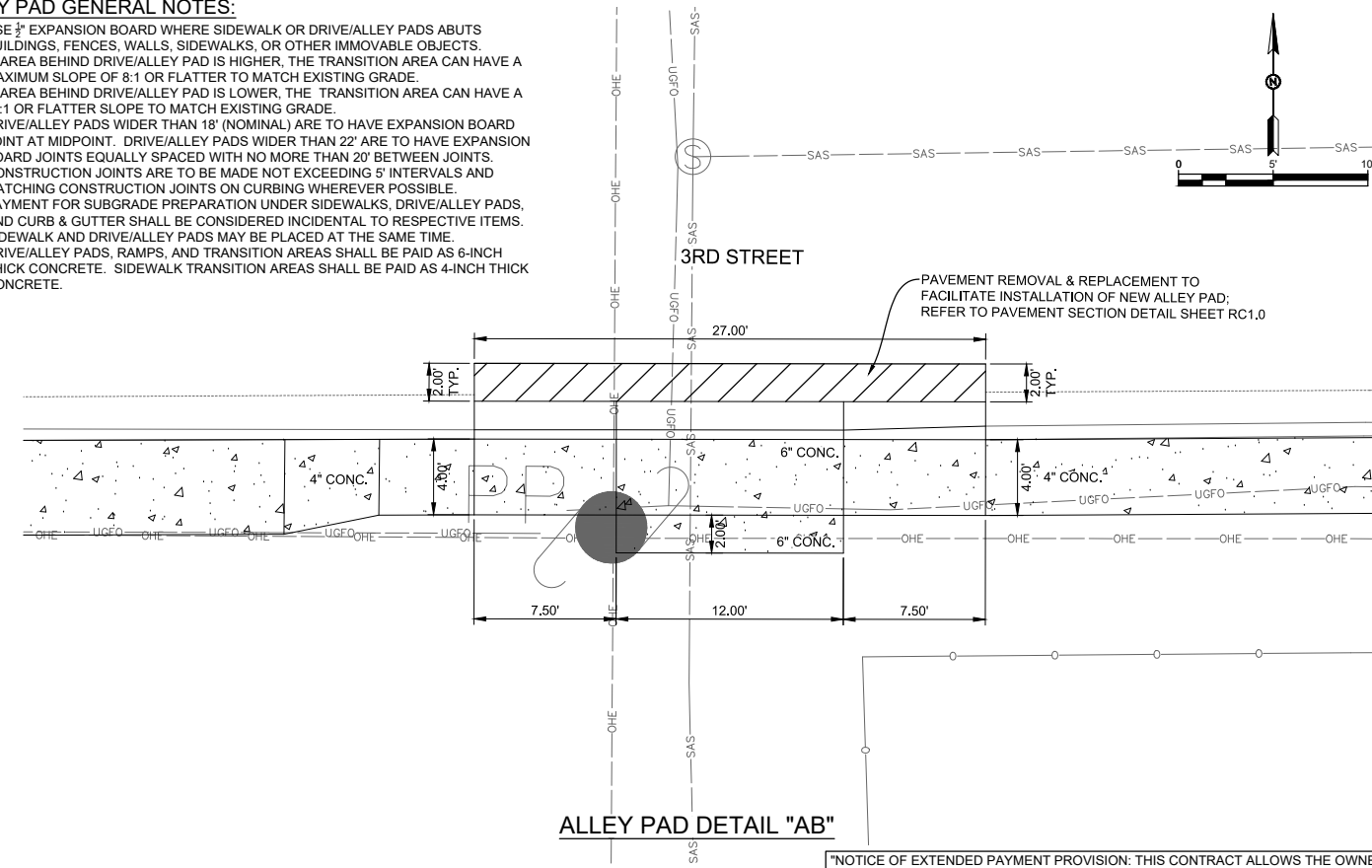
DRIVE PAD DETAIL "Z"



ALLEY PAD DETAIL "AA"

ALLEY PAD GENERAL NOTES:

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ALLEY PAD DETAIL "AB"

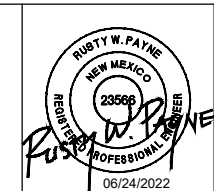
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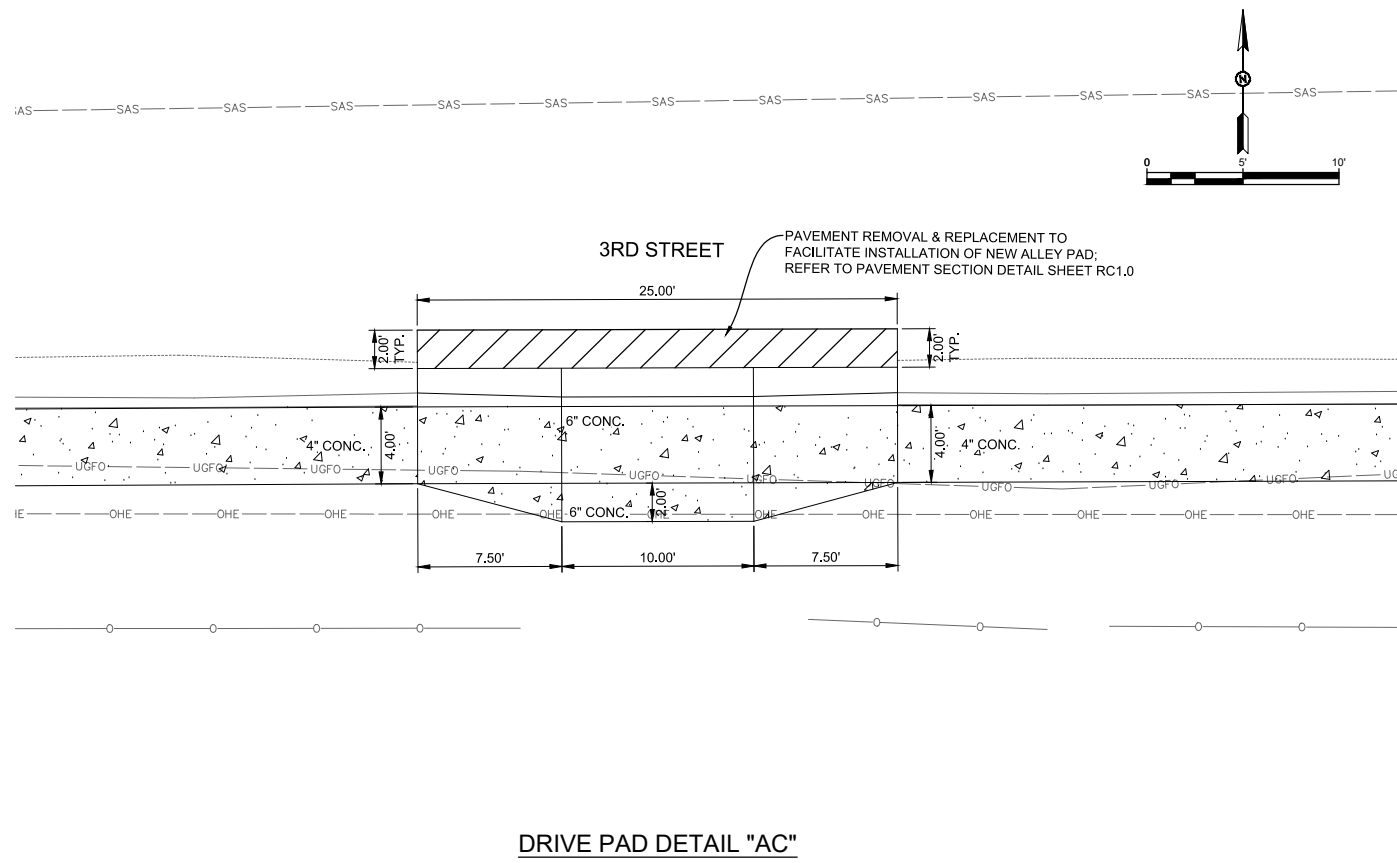
ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



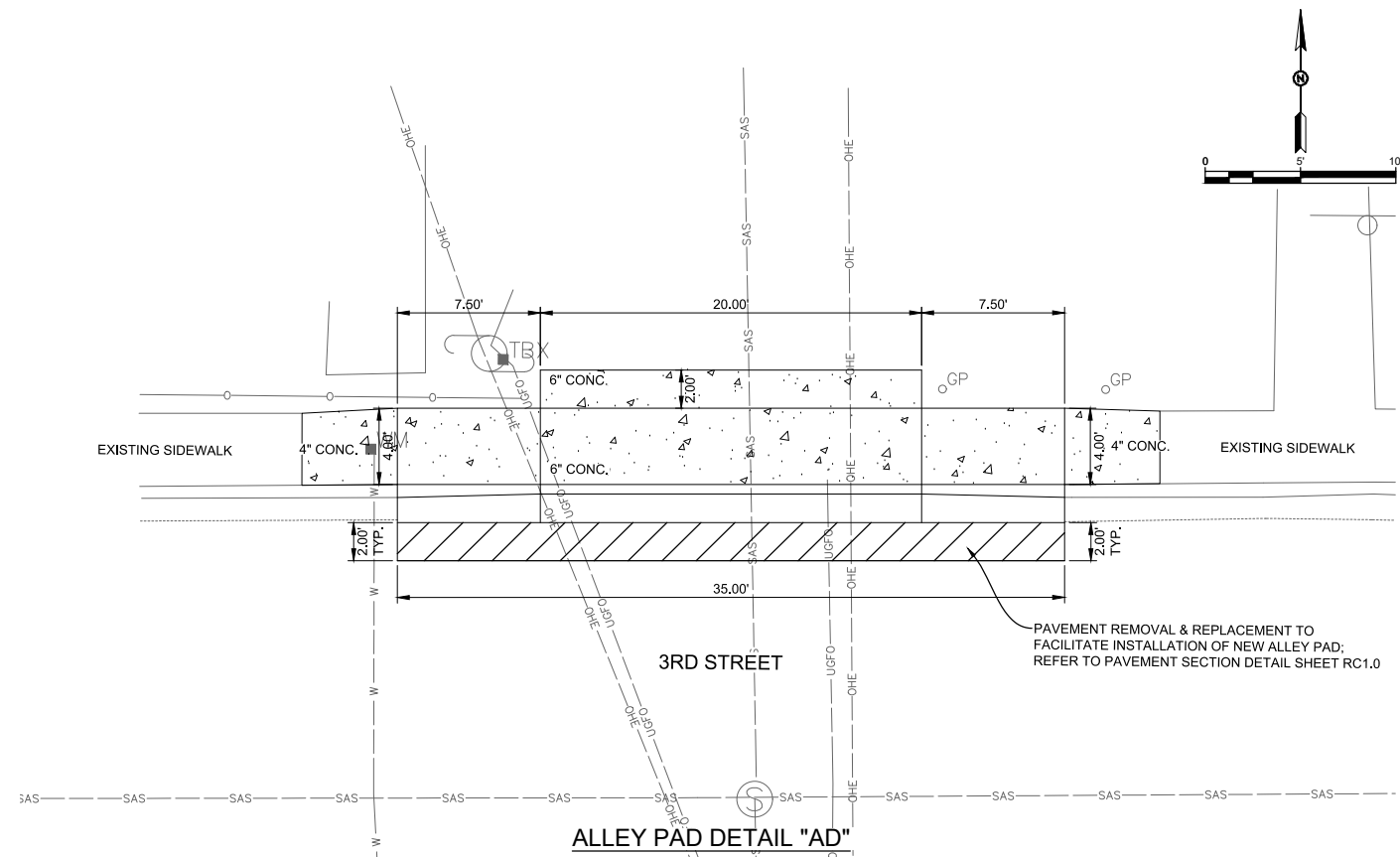
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 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

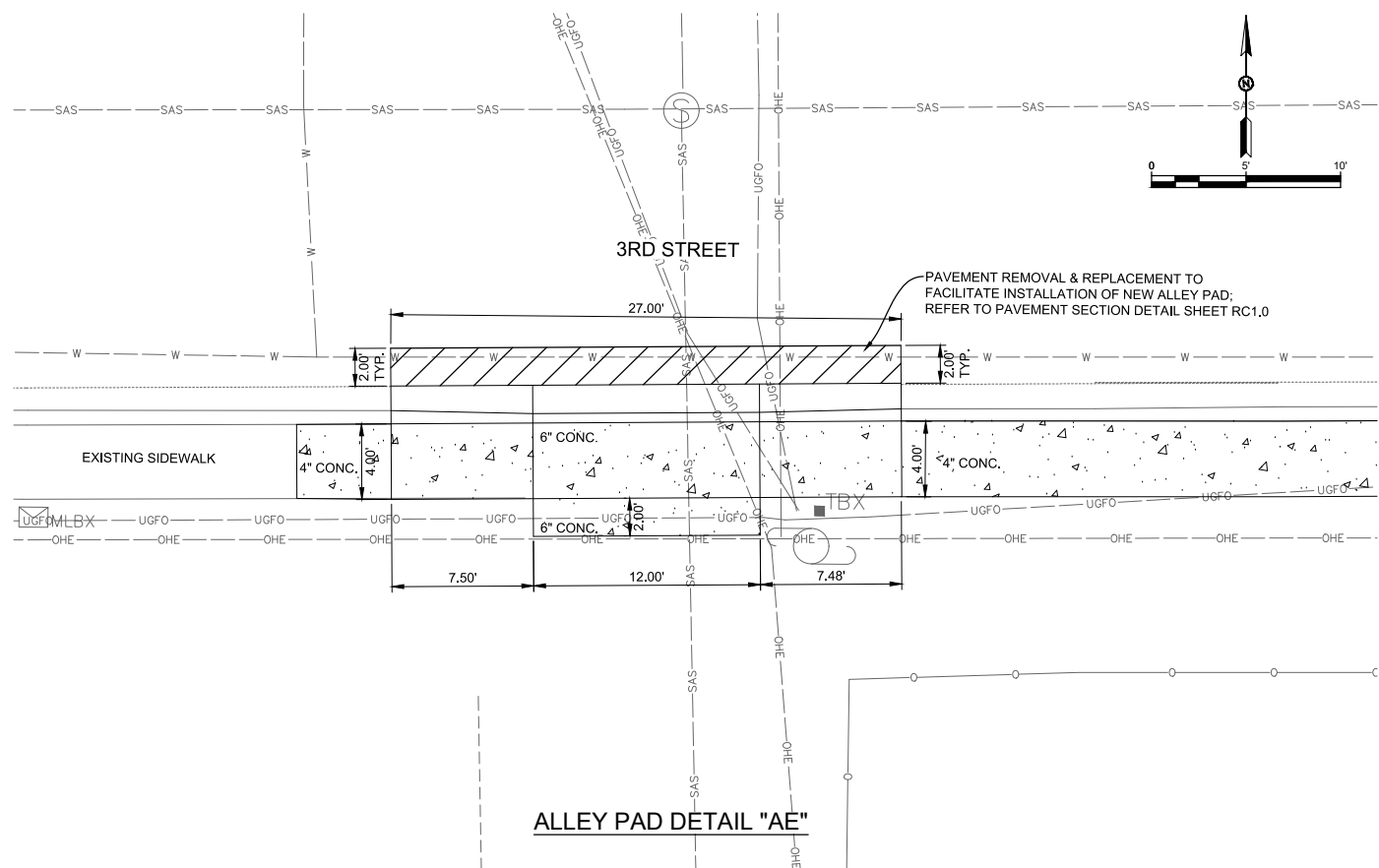
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DRIVE PAD DETAIL "AC"



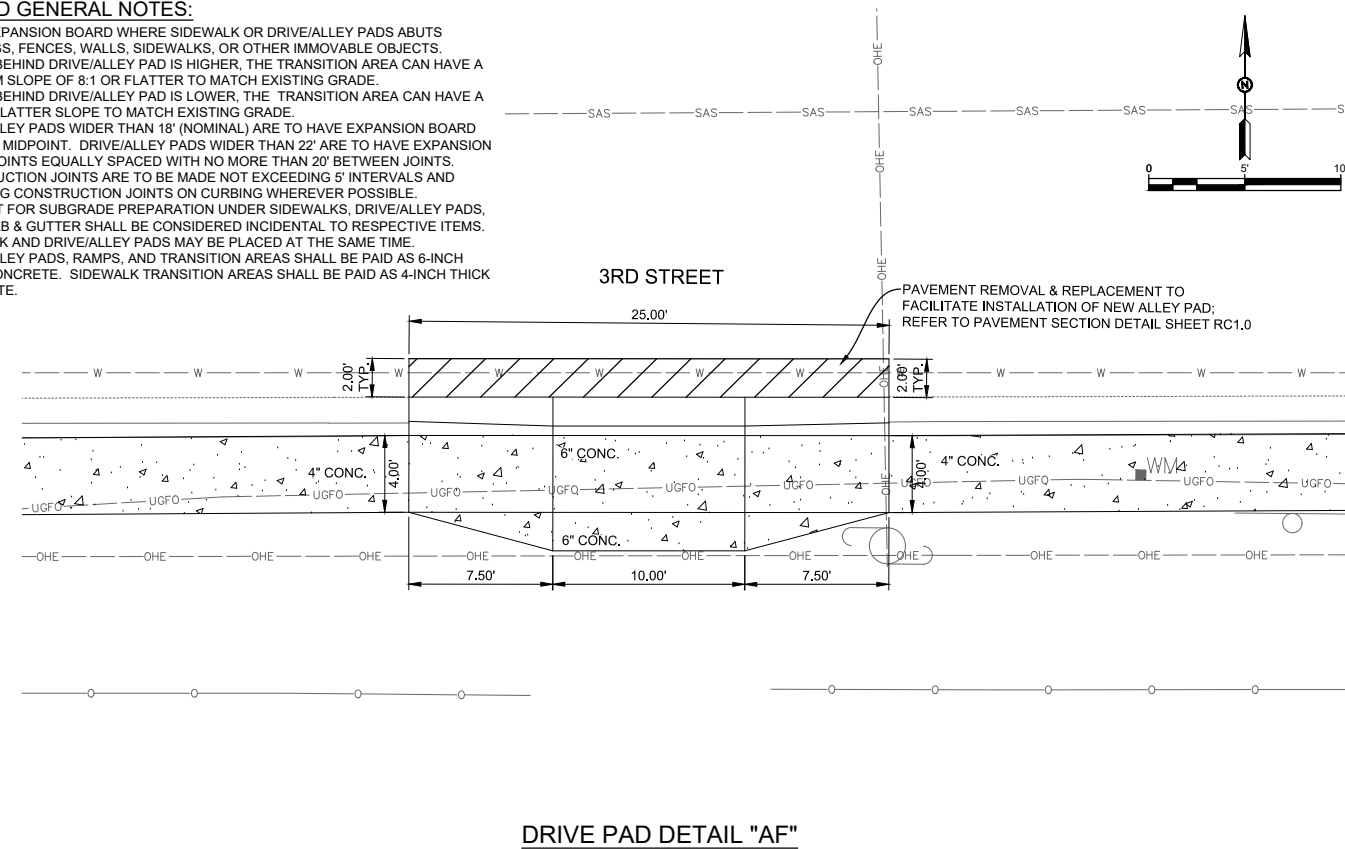
ALLEY PAD DETAIL "AD"



ALLEY PAD DETAIL "AE"

ALLEY PAD GENERAL NOTES:

1. USE 3/4" EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
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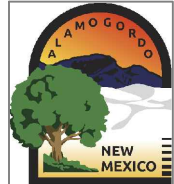


DRIVE PAD DETAIL "AF"

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

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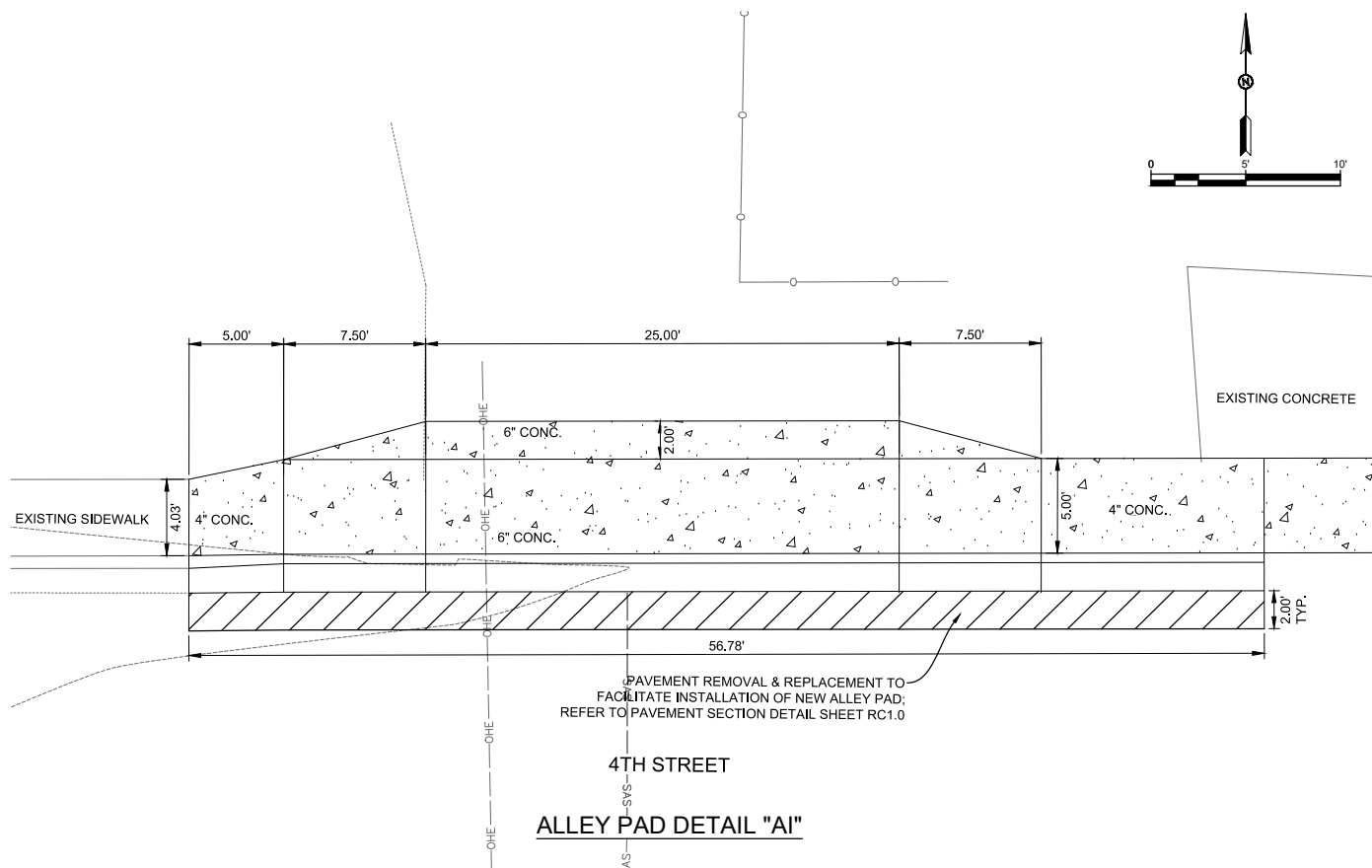
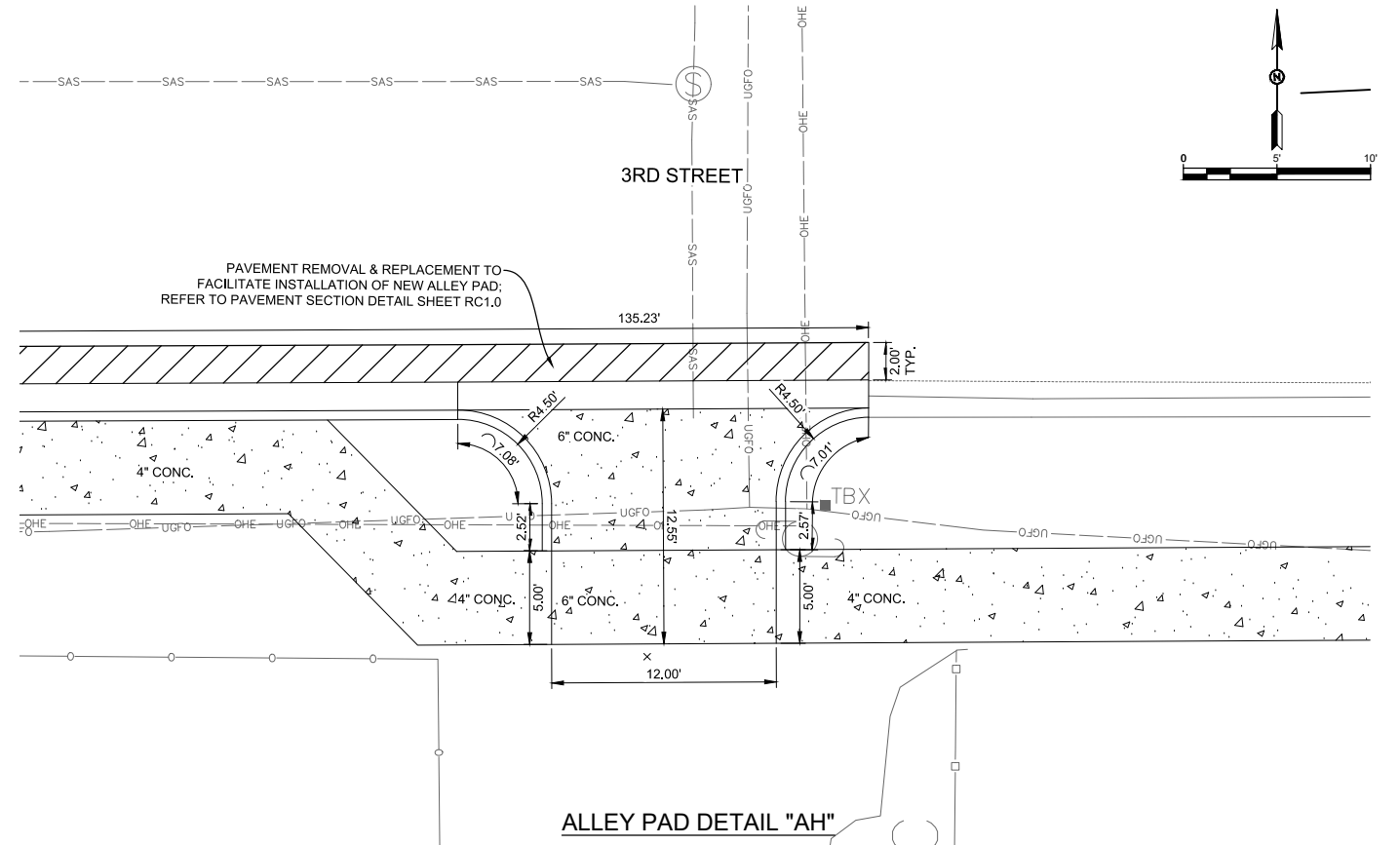
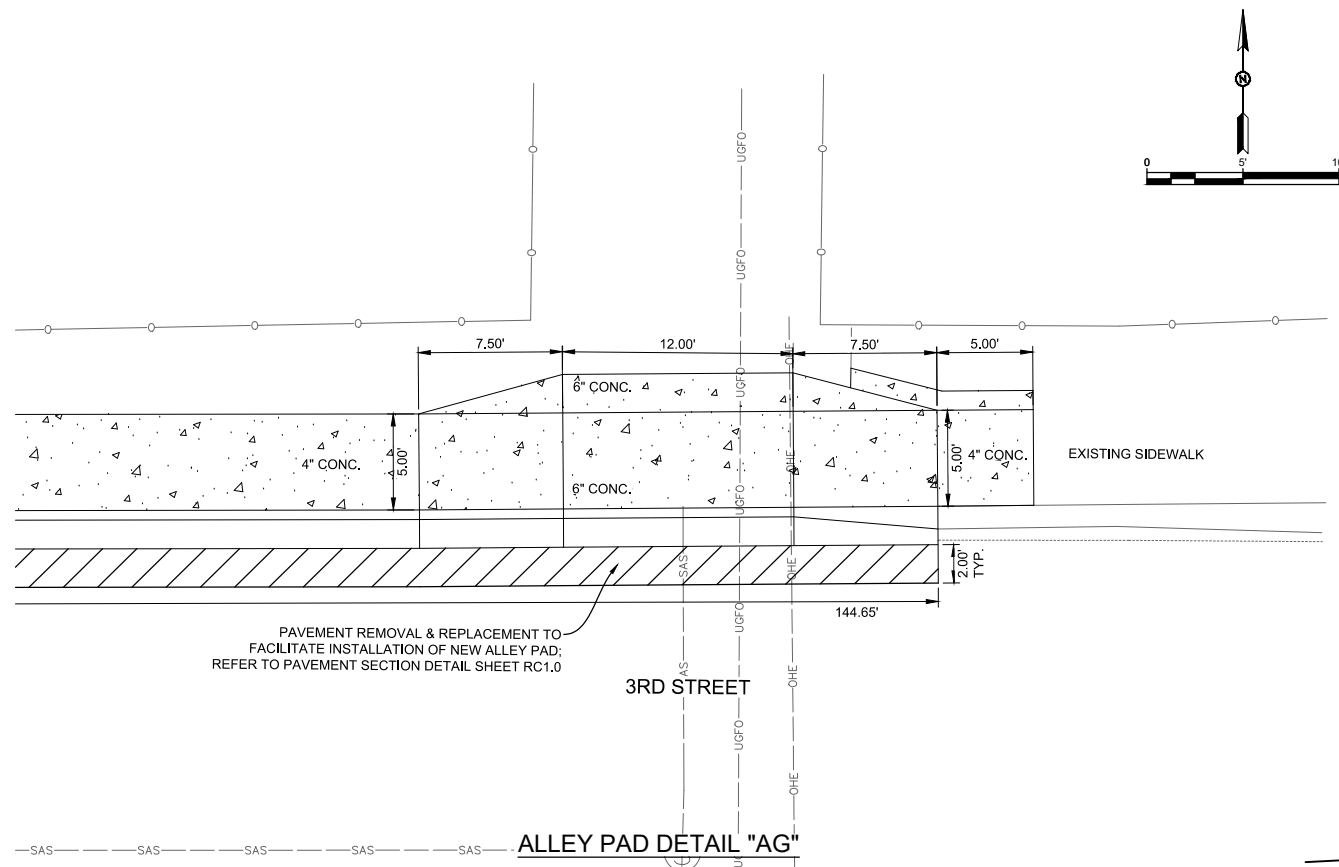
ADA Compliant Sidewalk Improvements

ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



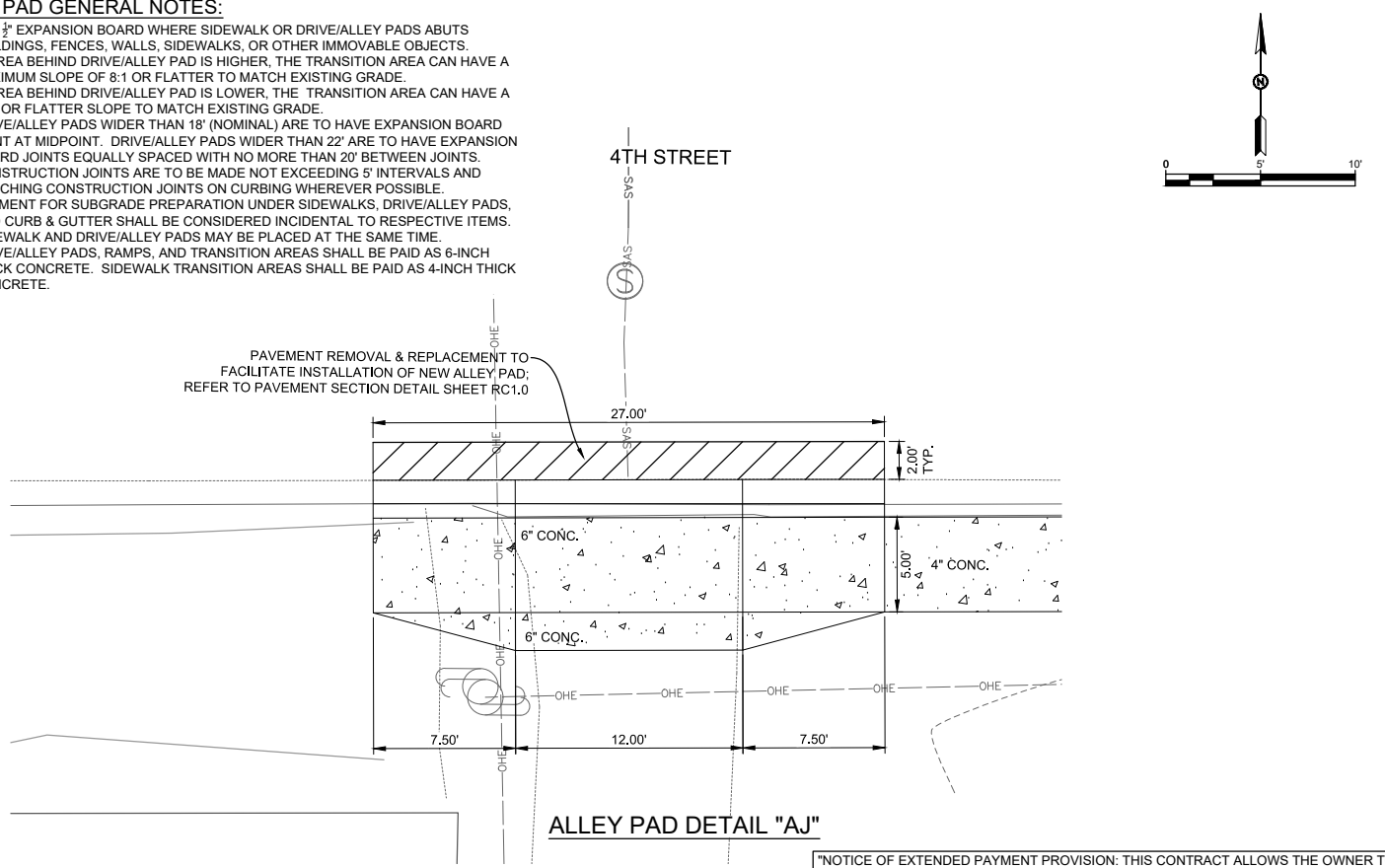
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 Drawn By: SMITH Designed By: SMITH
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 INCLUDE VERT SCALE ON P&P

Sheet No.: RC24.0
 Sheet 30 of 91
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ALLEY PAD GENERAL NOTES:

1. USE 3/4\"/>



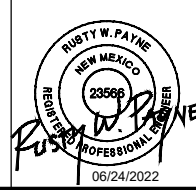
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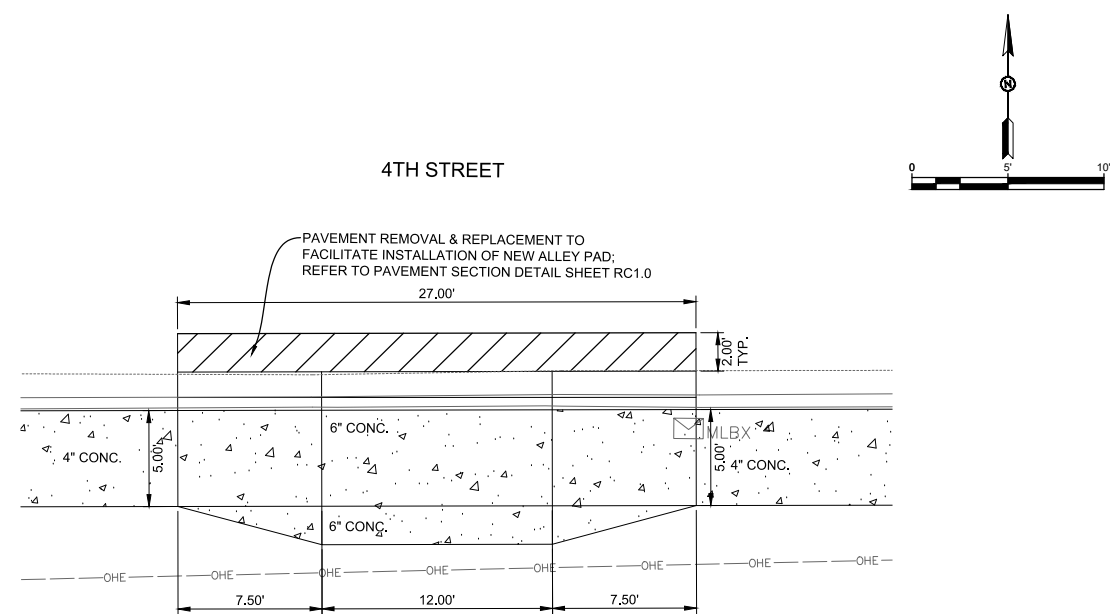
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ALLEY AND DRIVE PAD DETAIL
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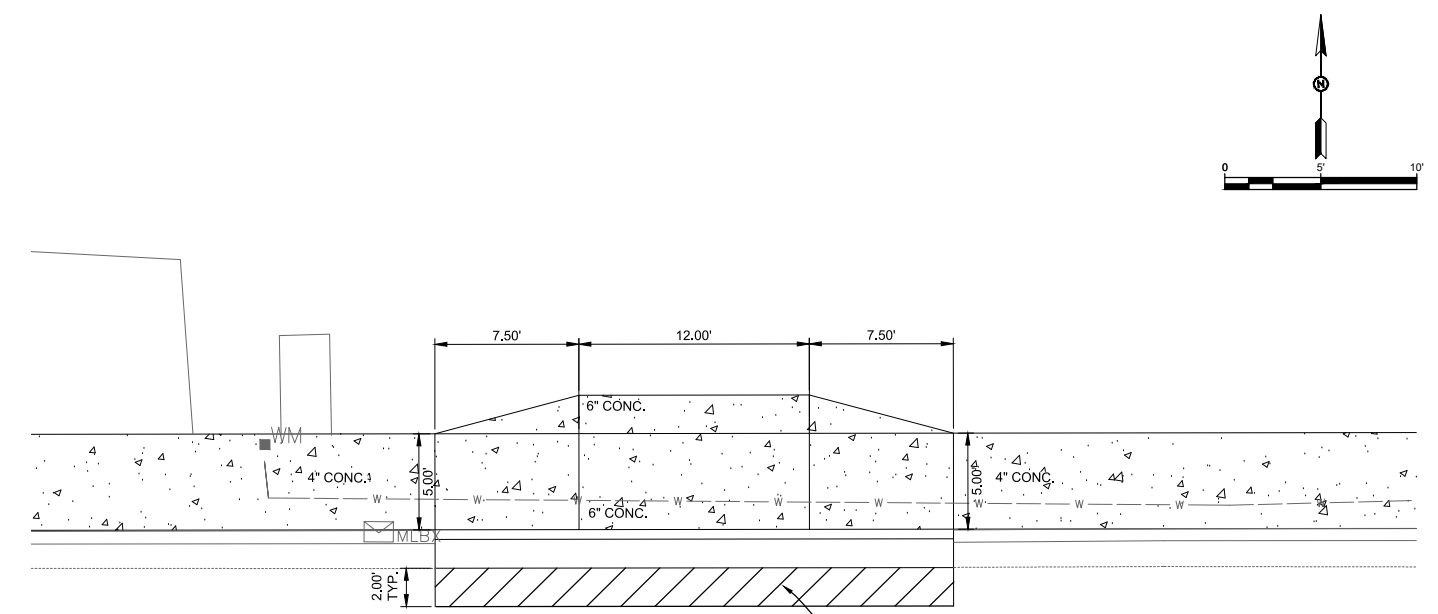
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Drawn By: SMITH	Designed By: SMITH
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Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 31 of 91
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RC25.0

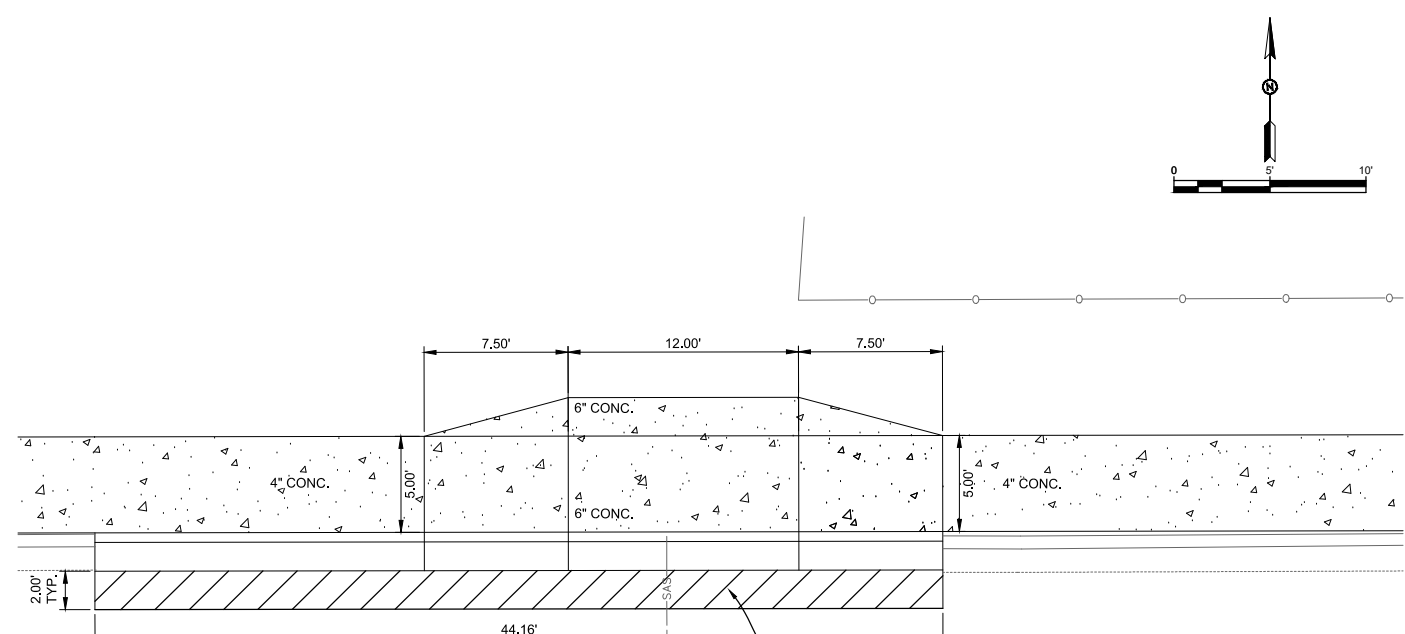


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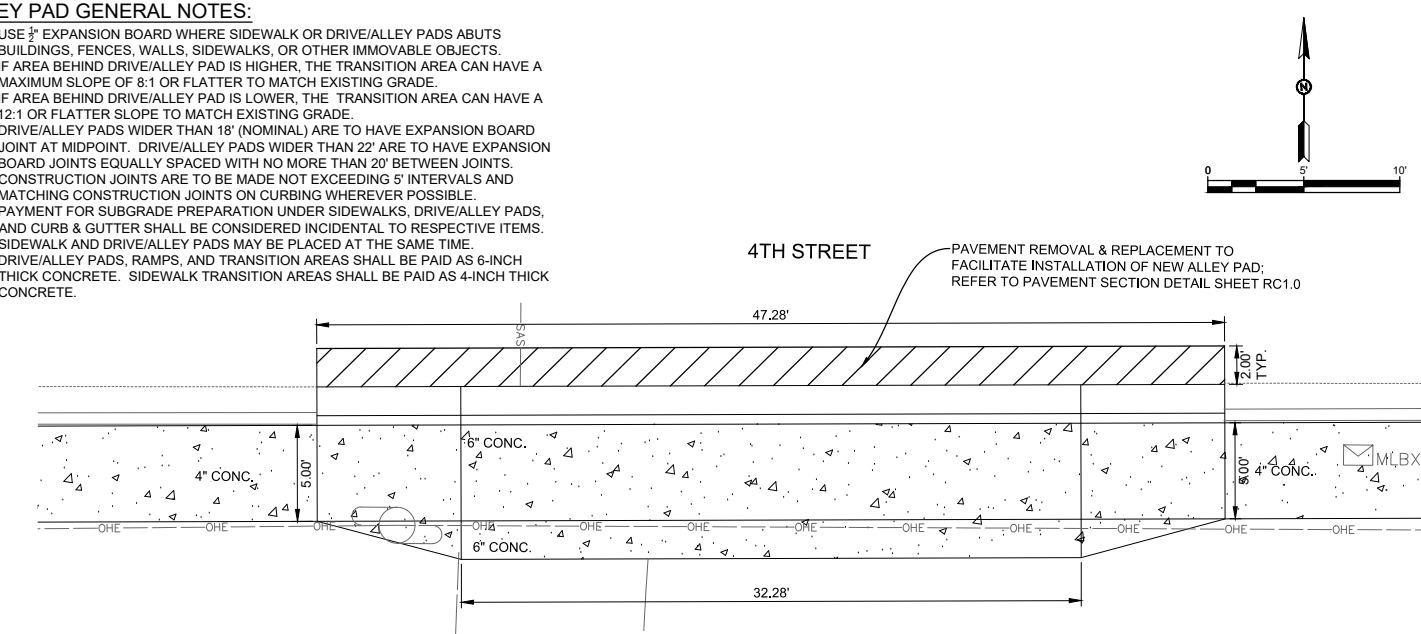


DRIVE PAD DETAIL "AL"

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ALLEY PAD DETAIL "AM"

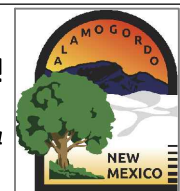


ALLEY PAD DETAIL "AN"

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

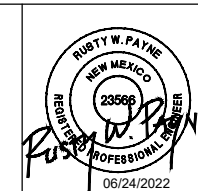
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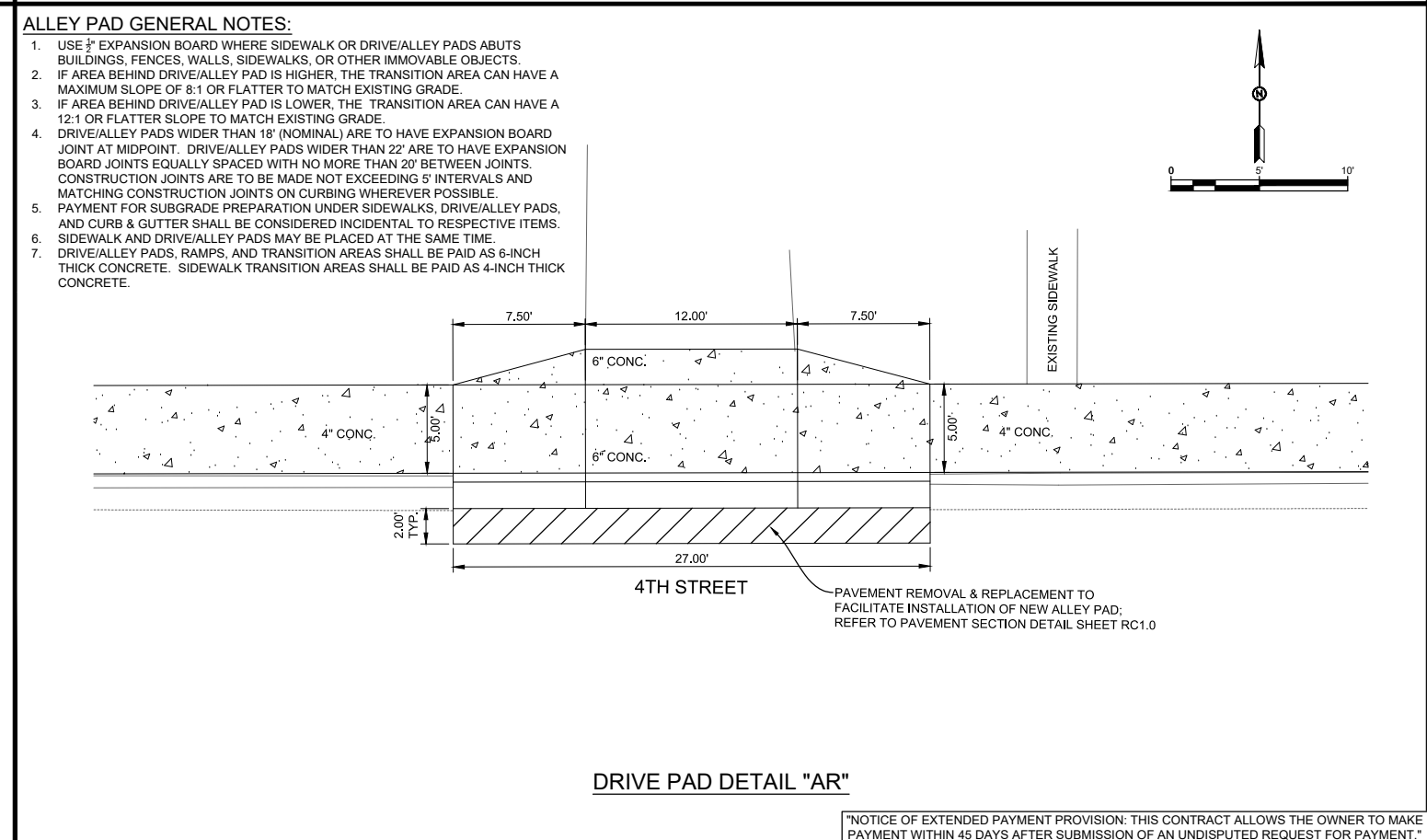
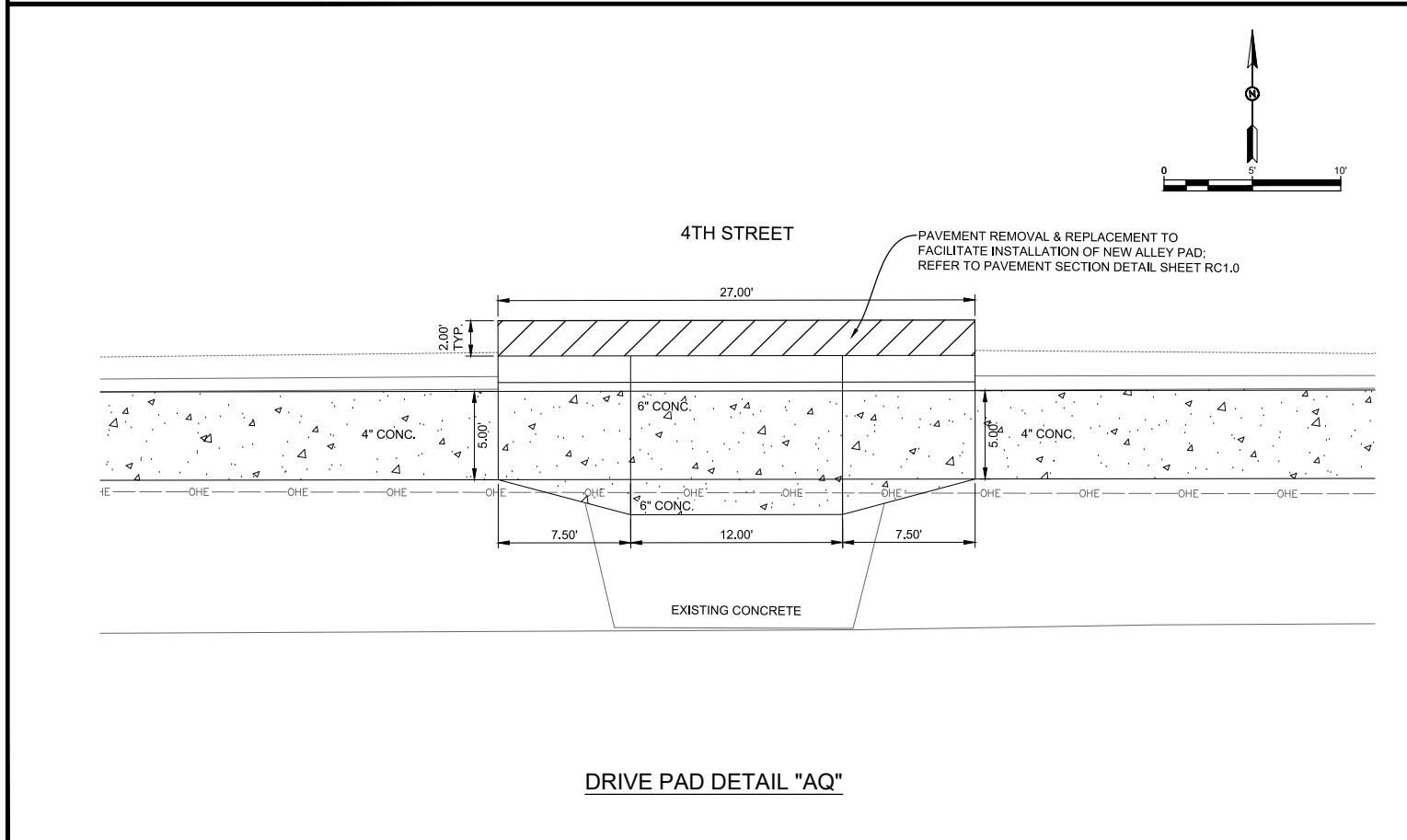
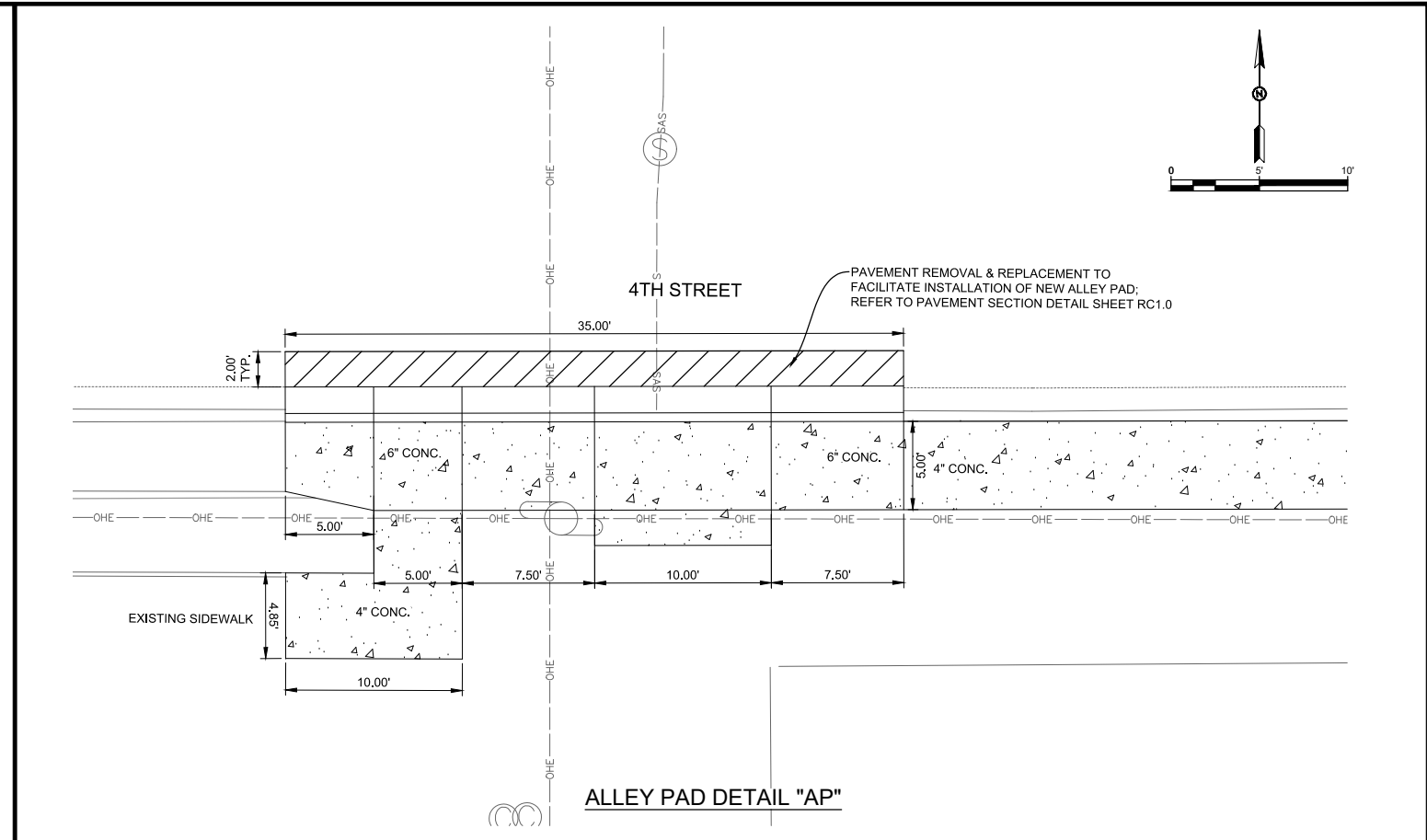
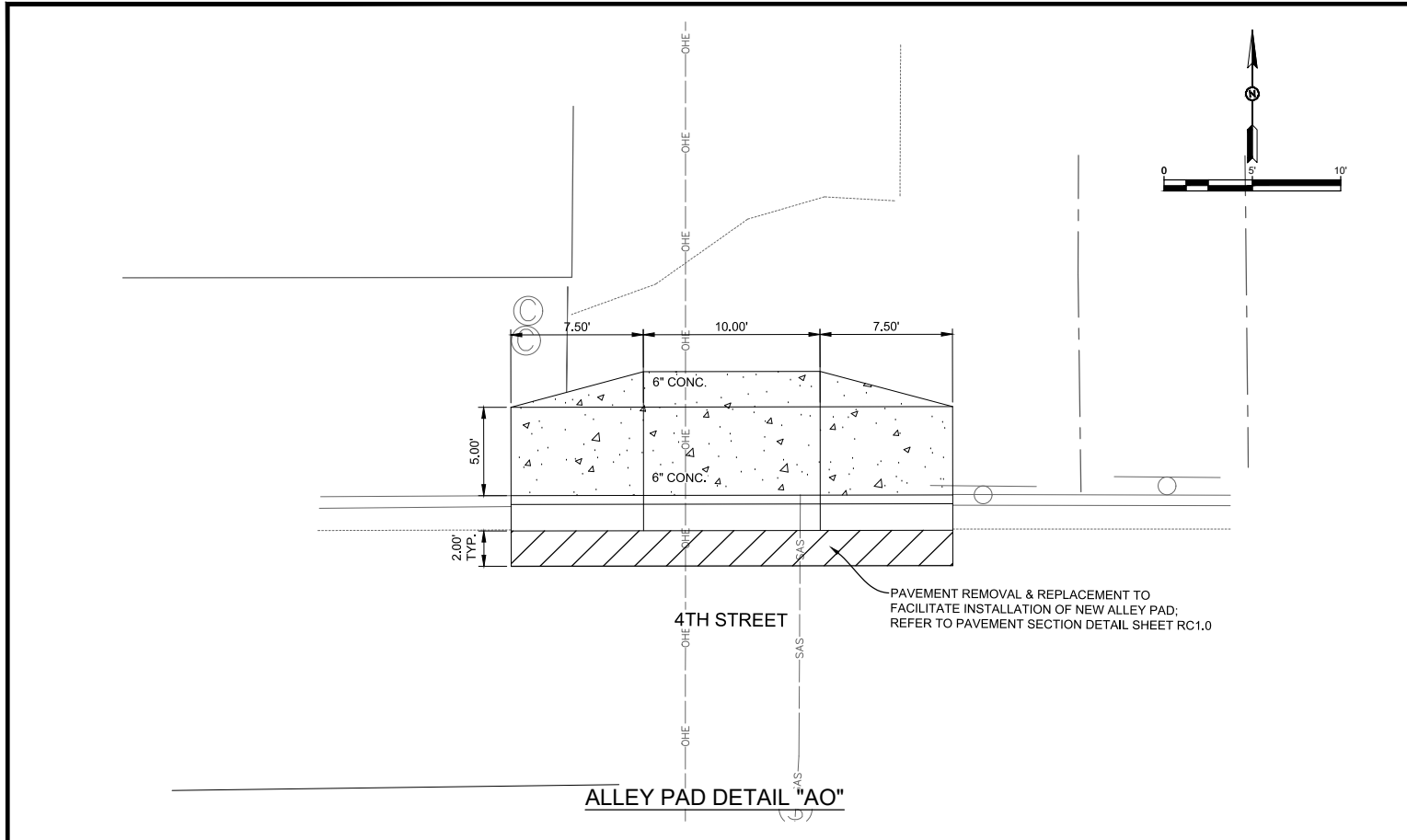
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 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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Scale:	HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P

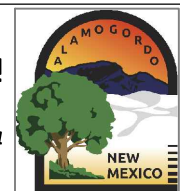
Sheet No.: **RC26.0**
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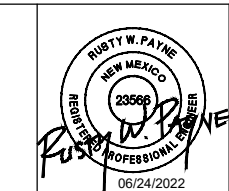
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ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

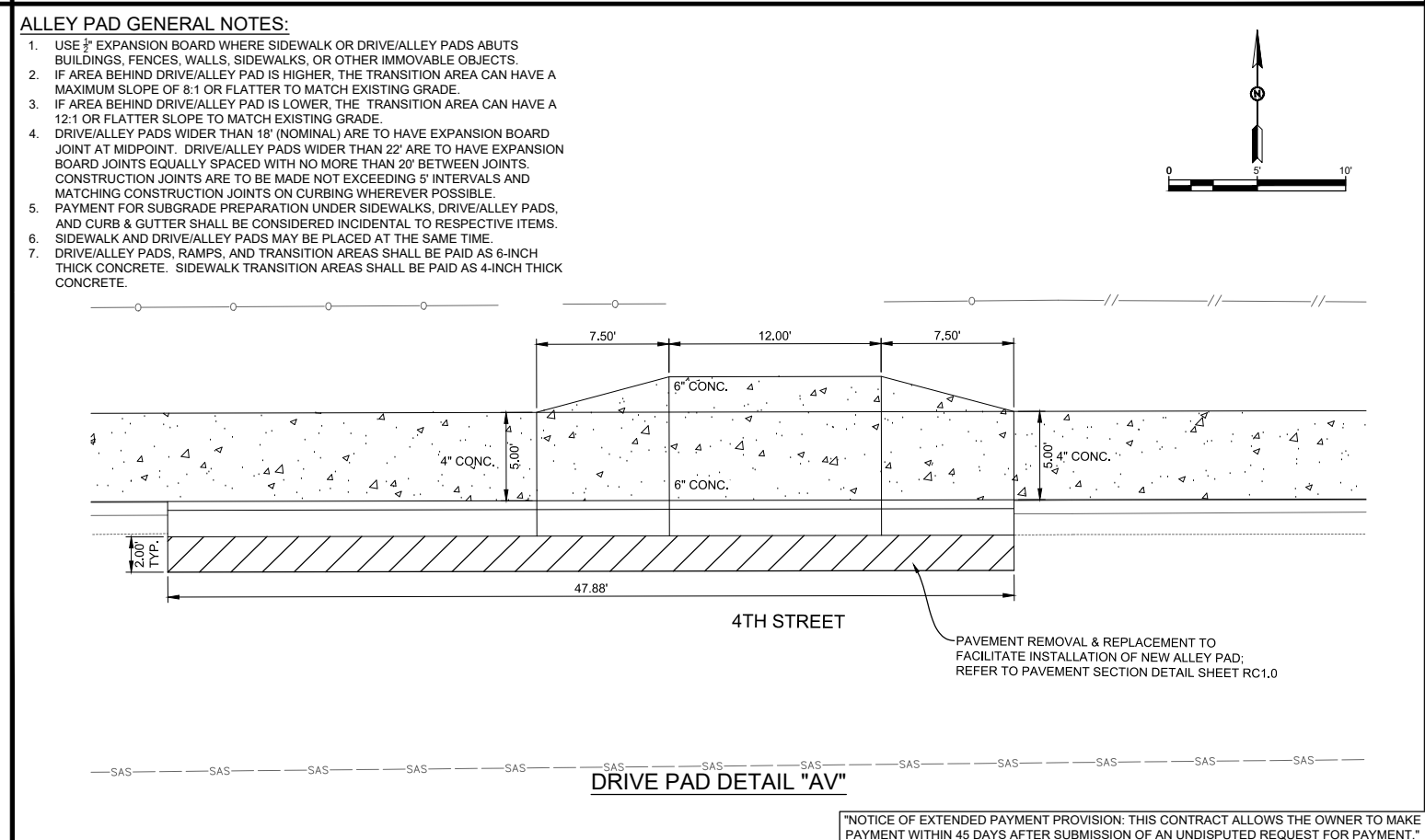
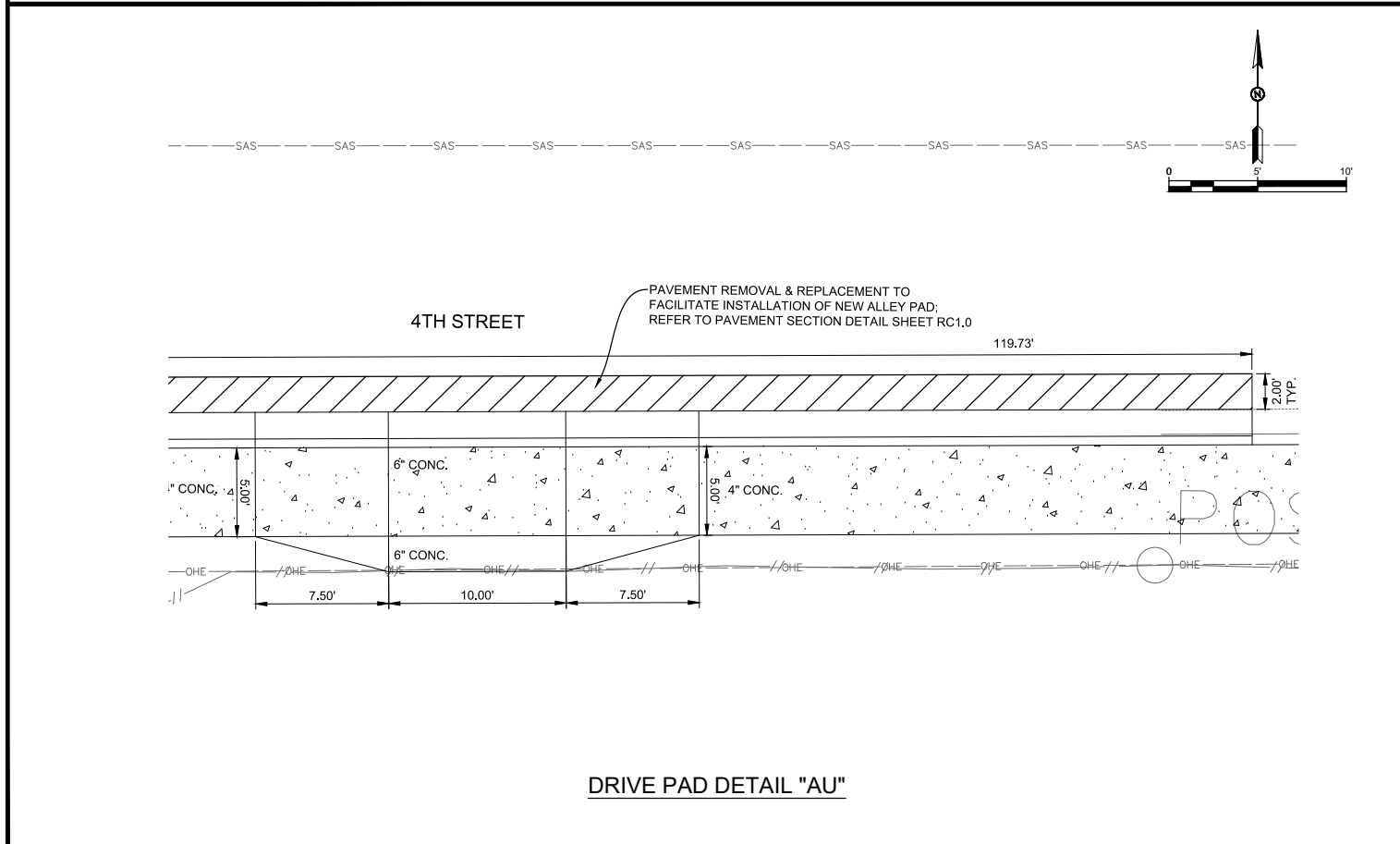
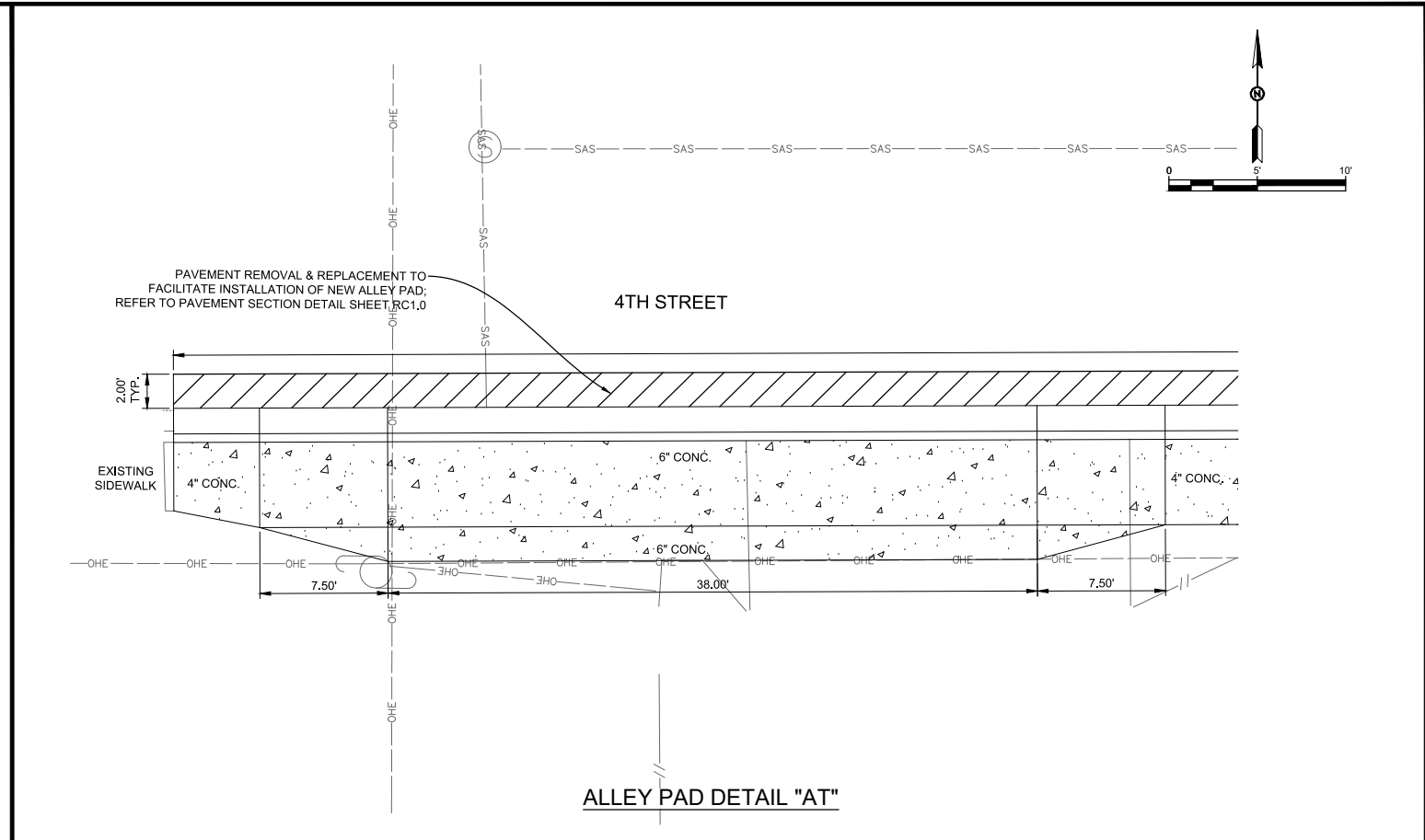
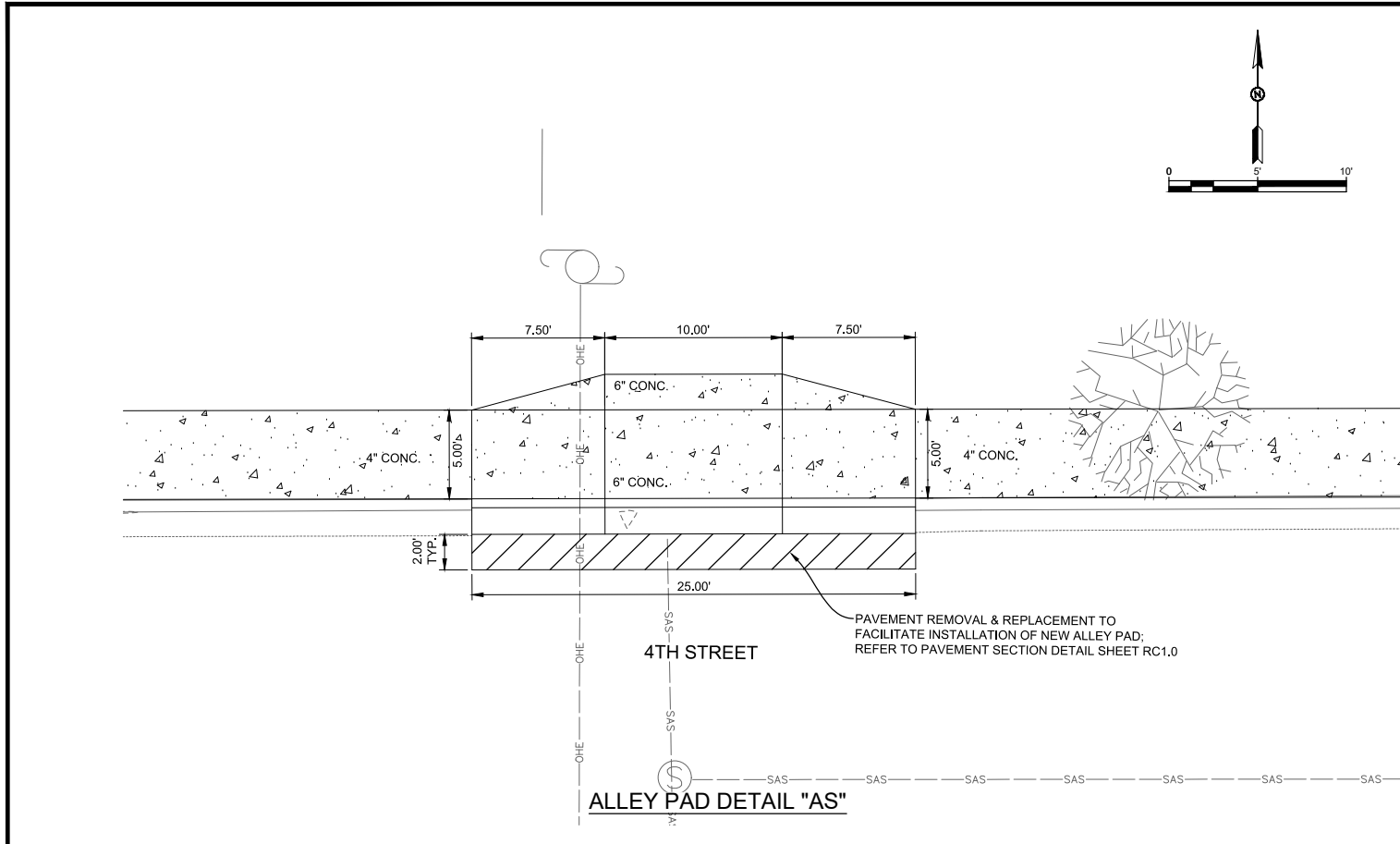


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Sheet No.: **RC27.0**
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."



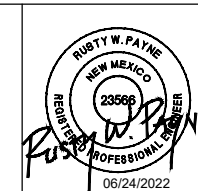
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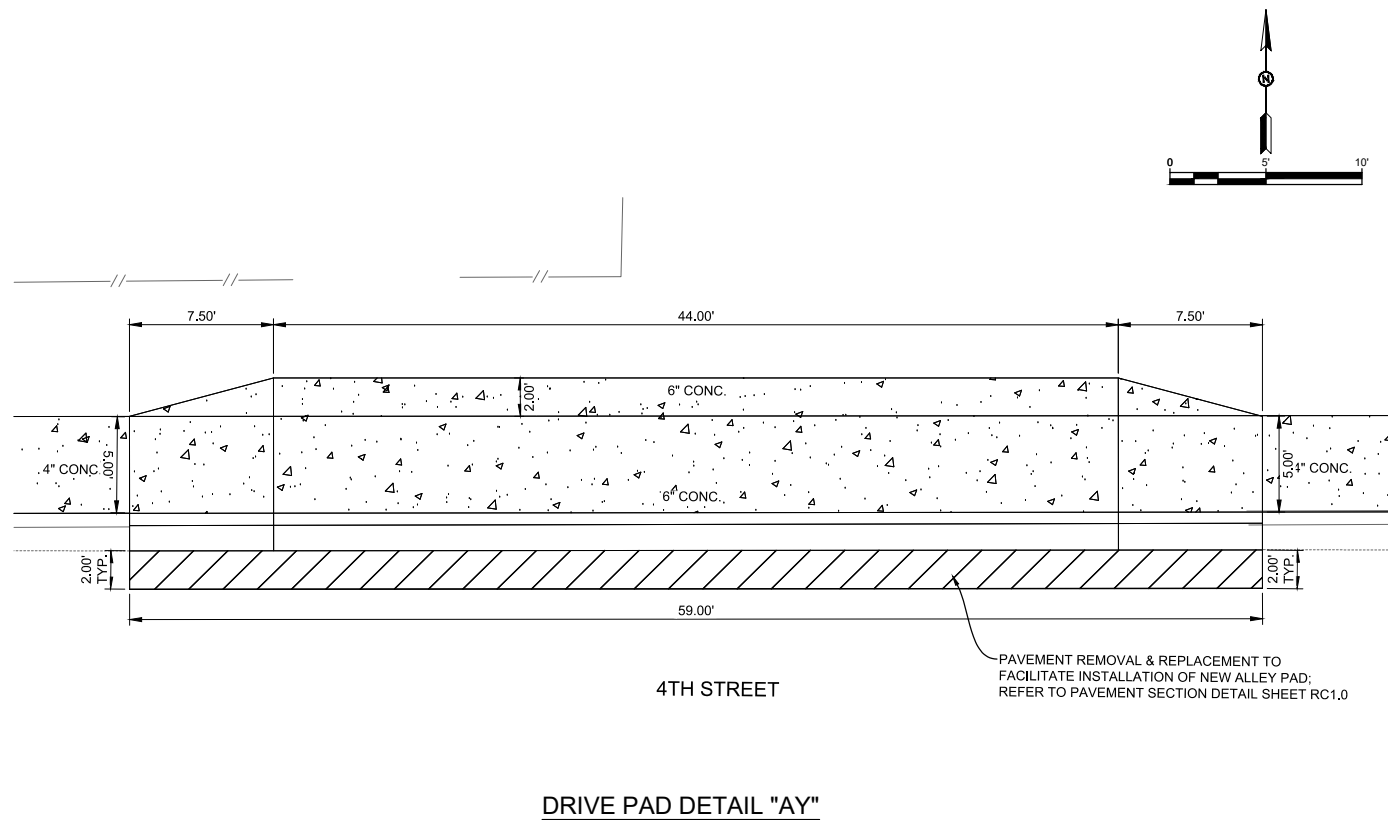
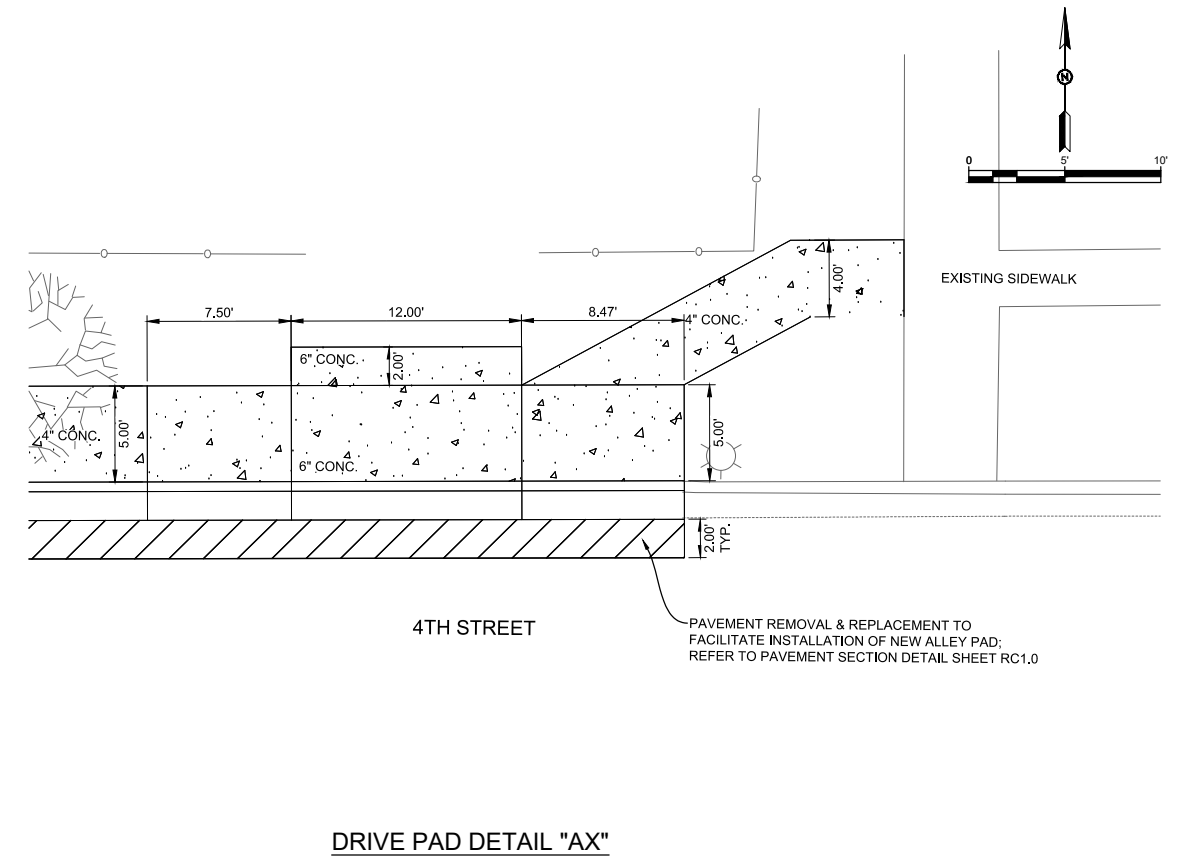
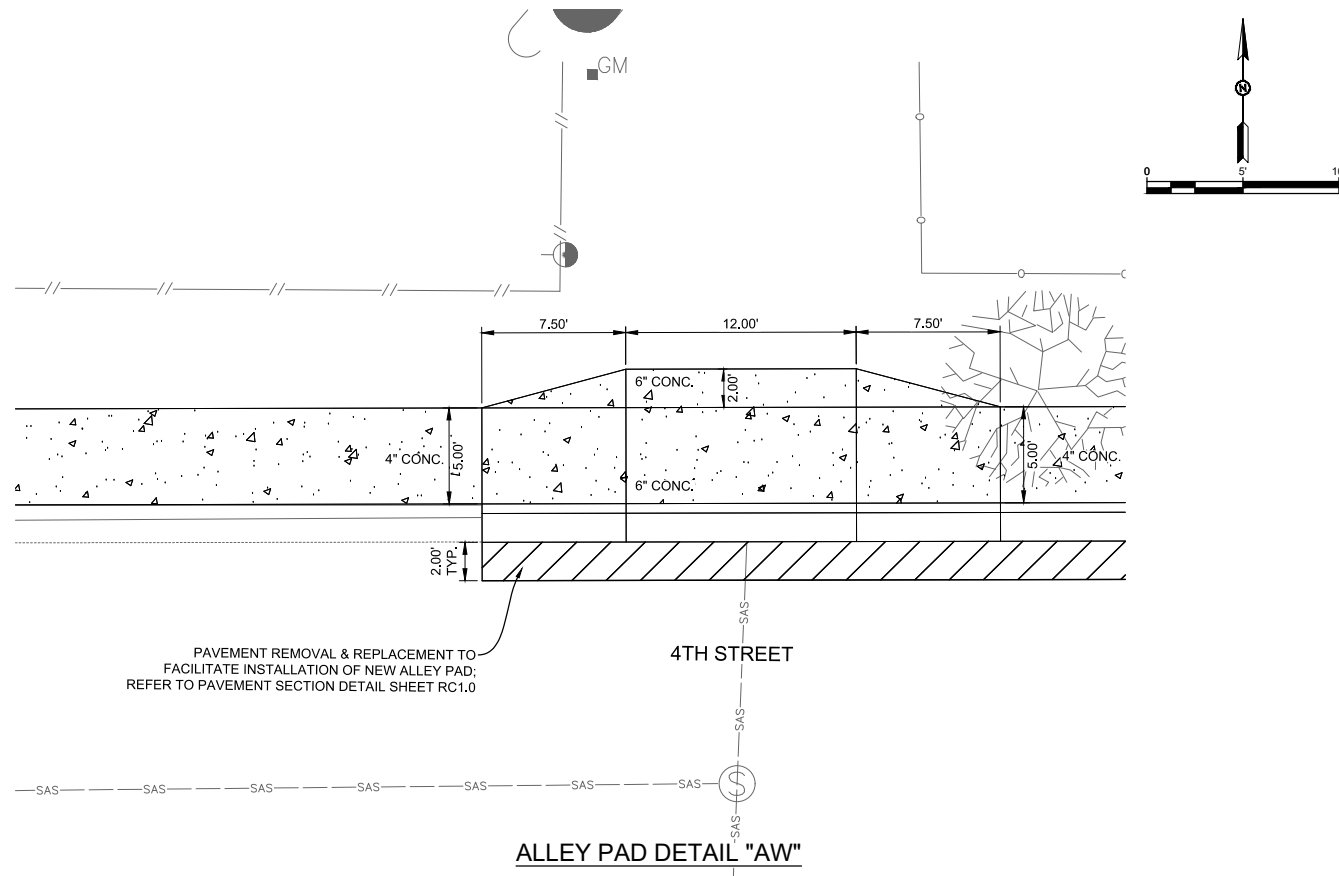
ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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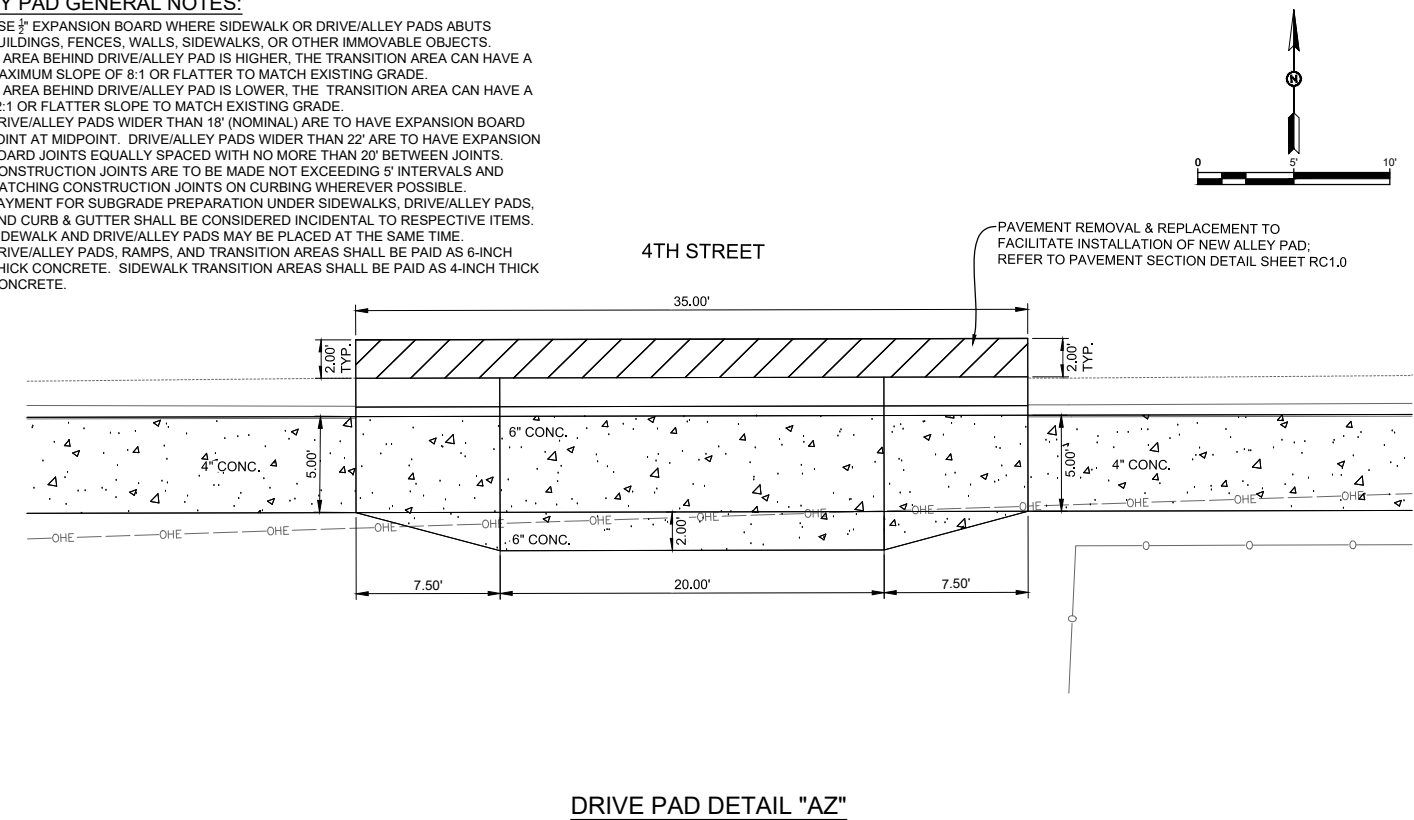
Sheet No.: **RC28.0**
 Sheet 34 of 91
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"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."



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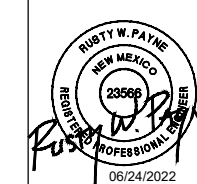
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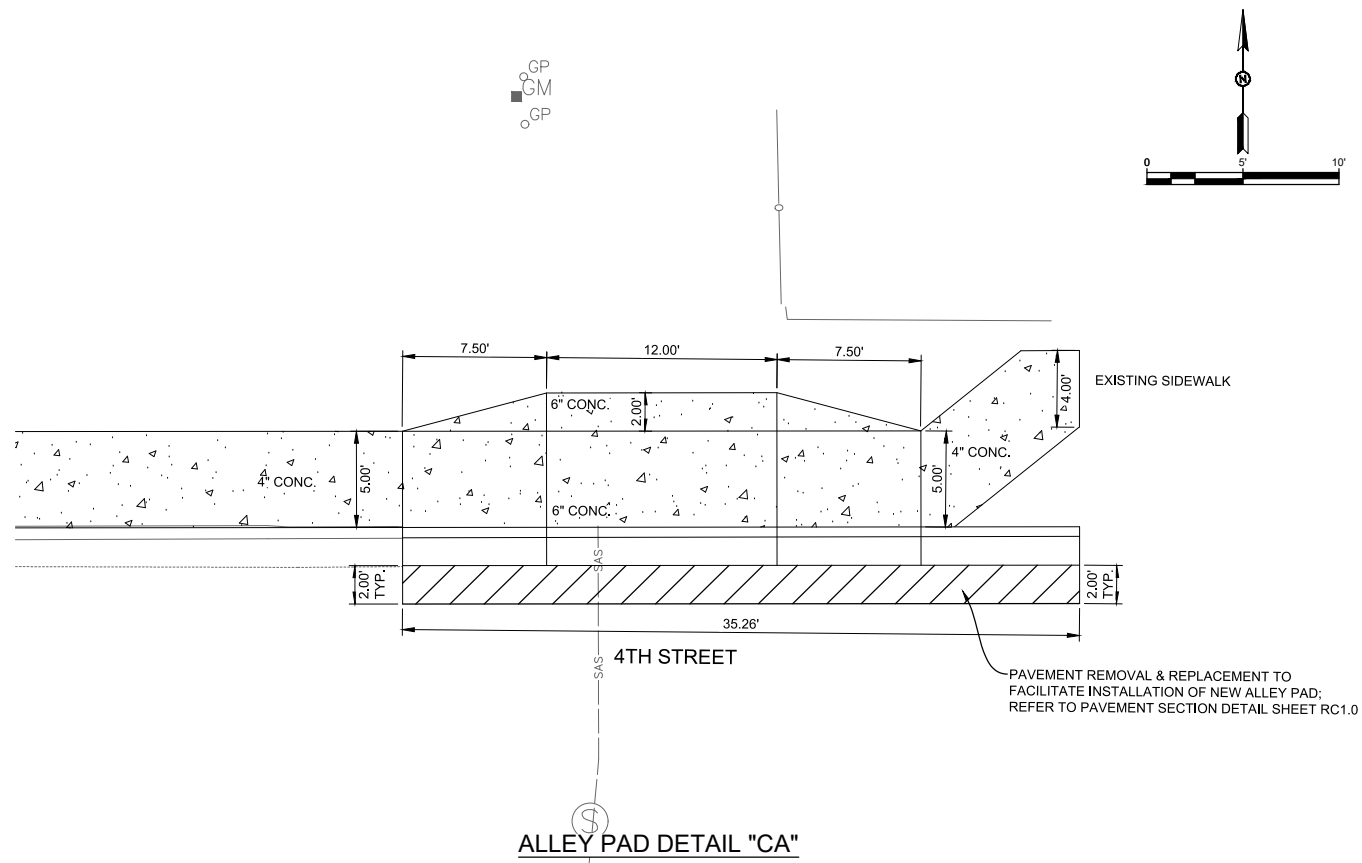
ALLEY AND DRIVE PAD DETAIL

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

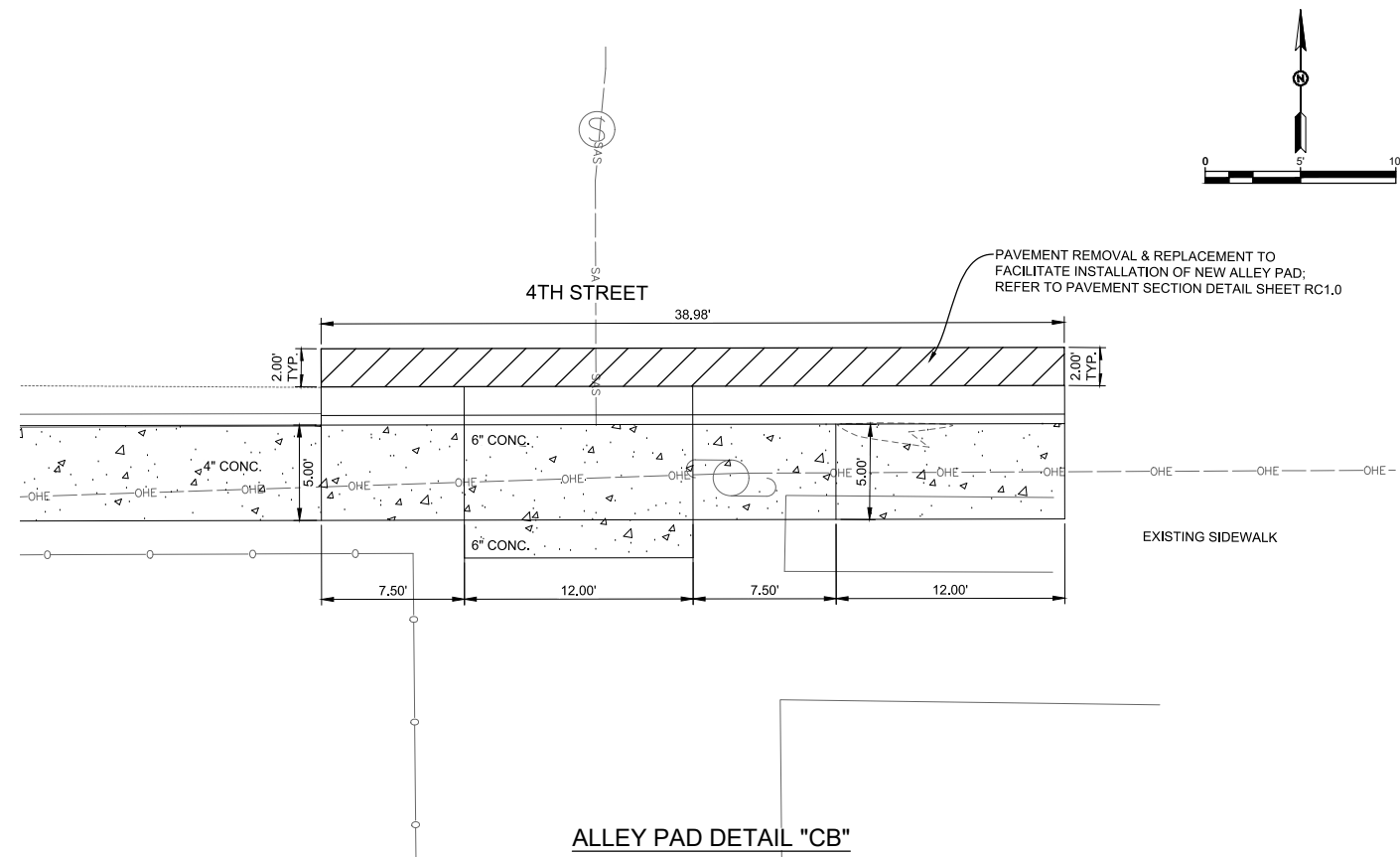


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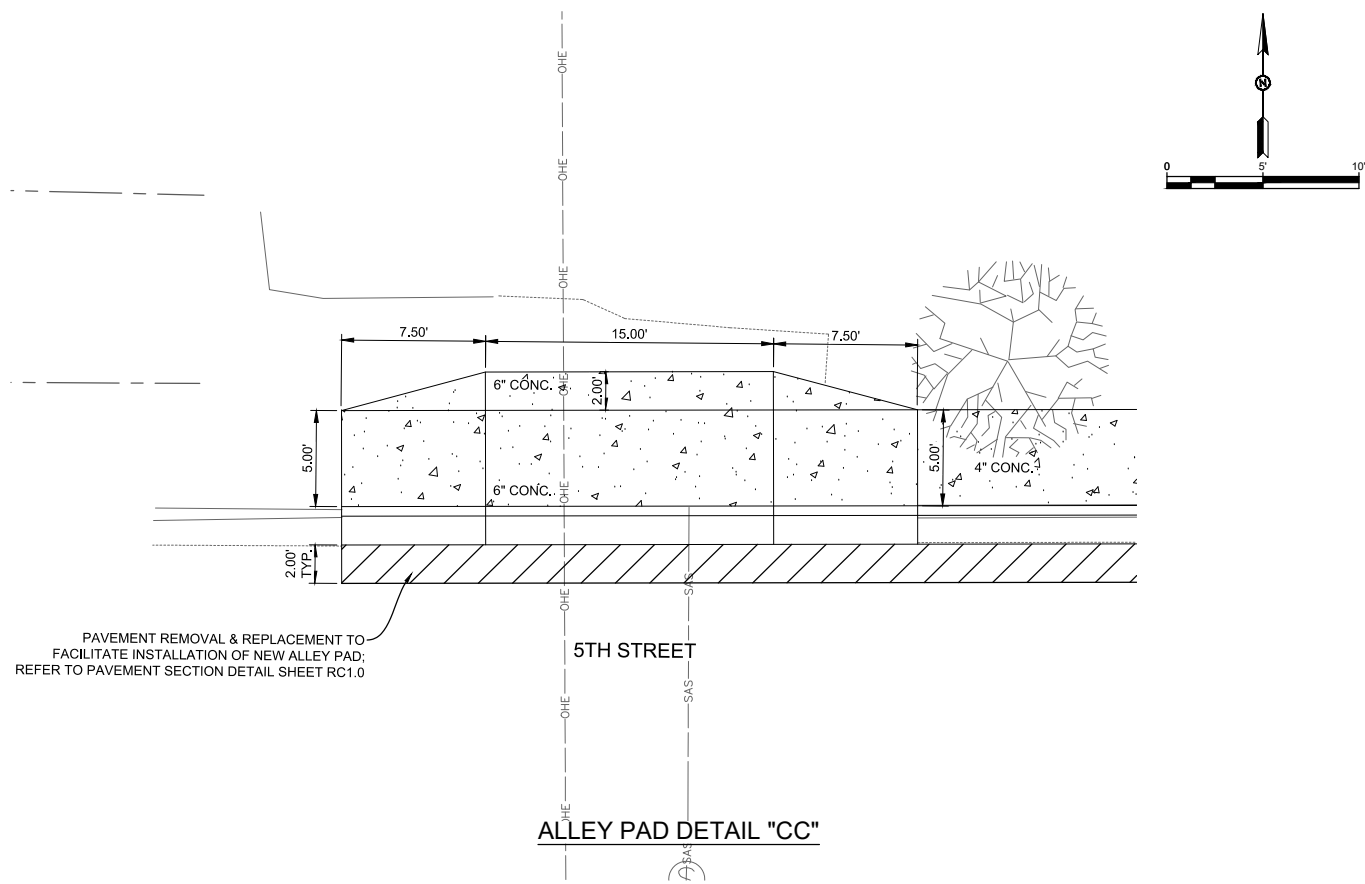
Sheet No.: **RC29.0**
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ALLEY PAD DETAIL "CA"



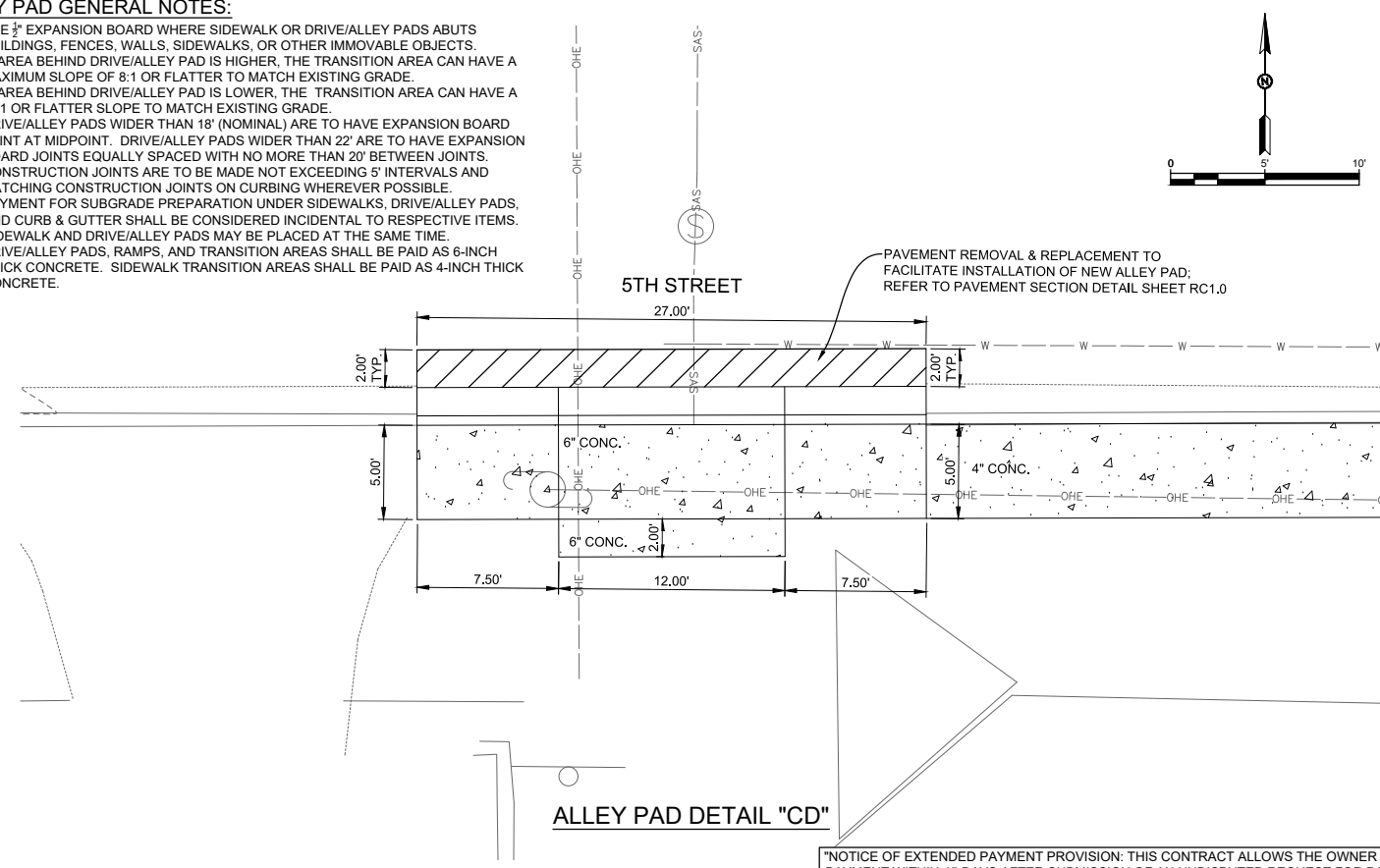
ALLEY PAD DETAIL "CB"



ALLEY PAD DETAIL "CC"

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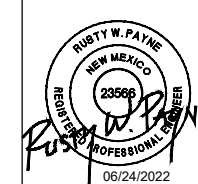
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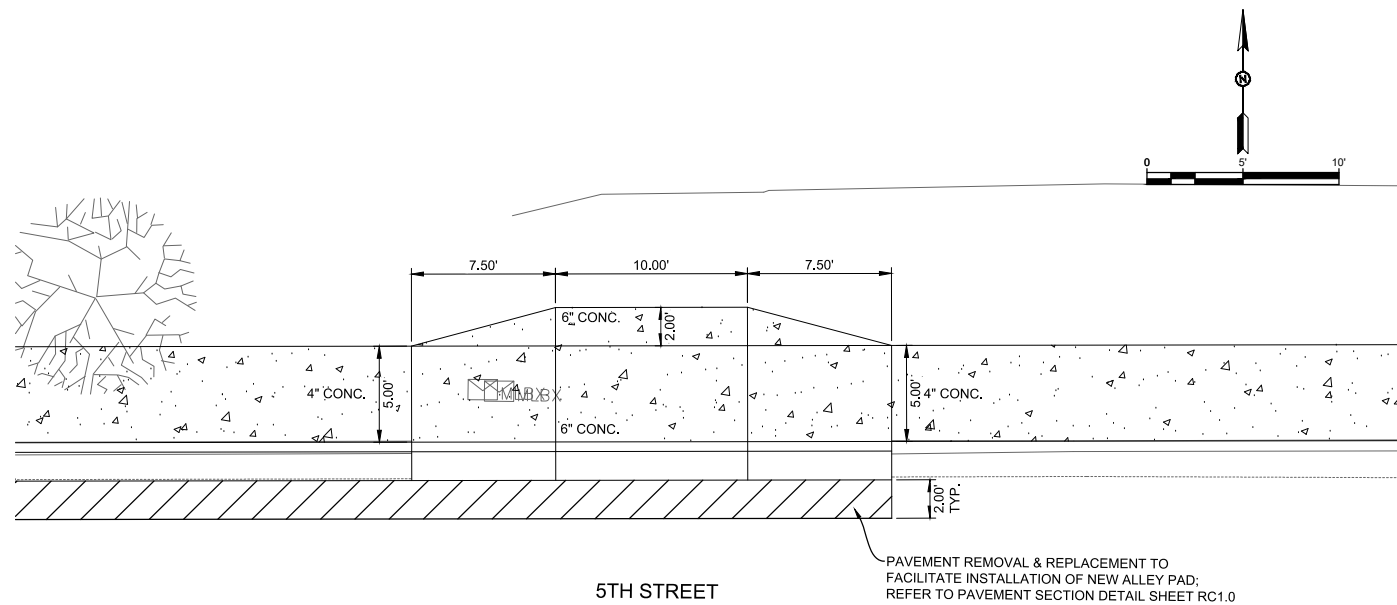


ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
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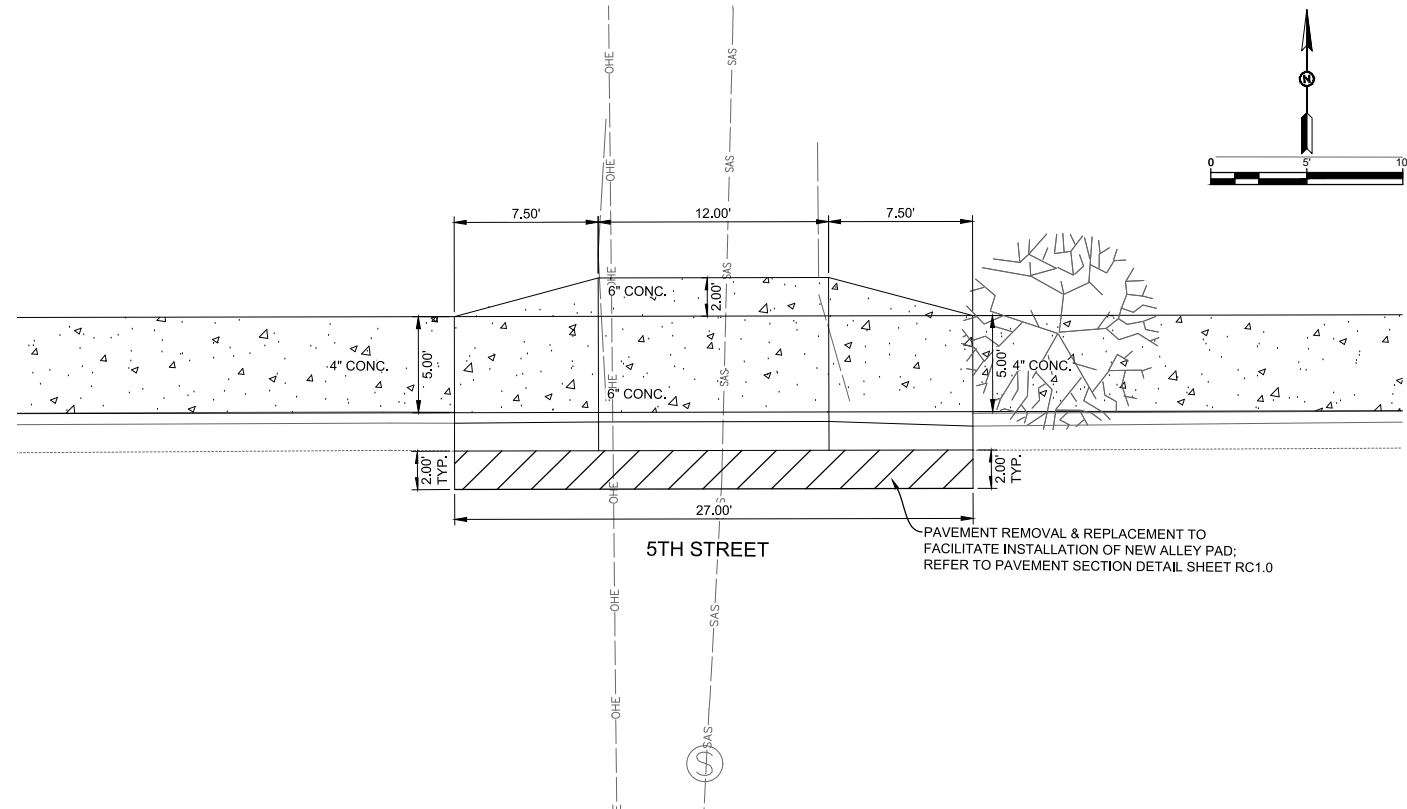


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 INCLUDE VERT SCALE ON P&P

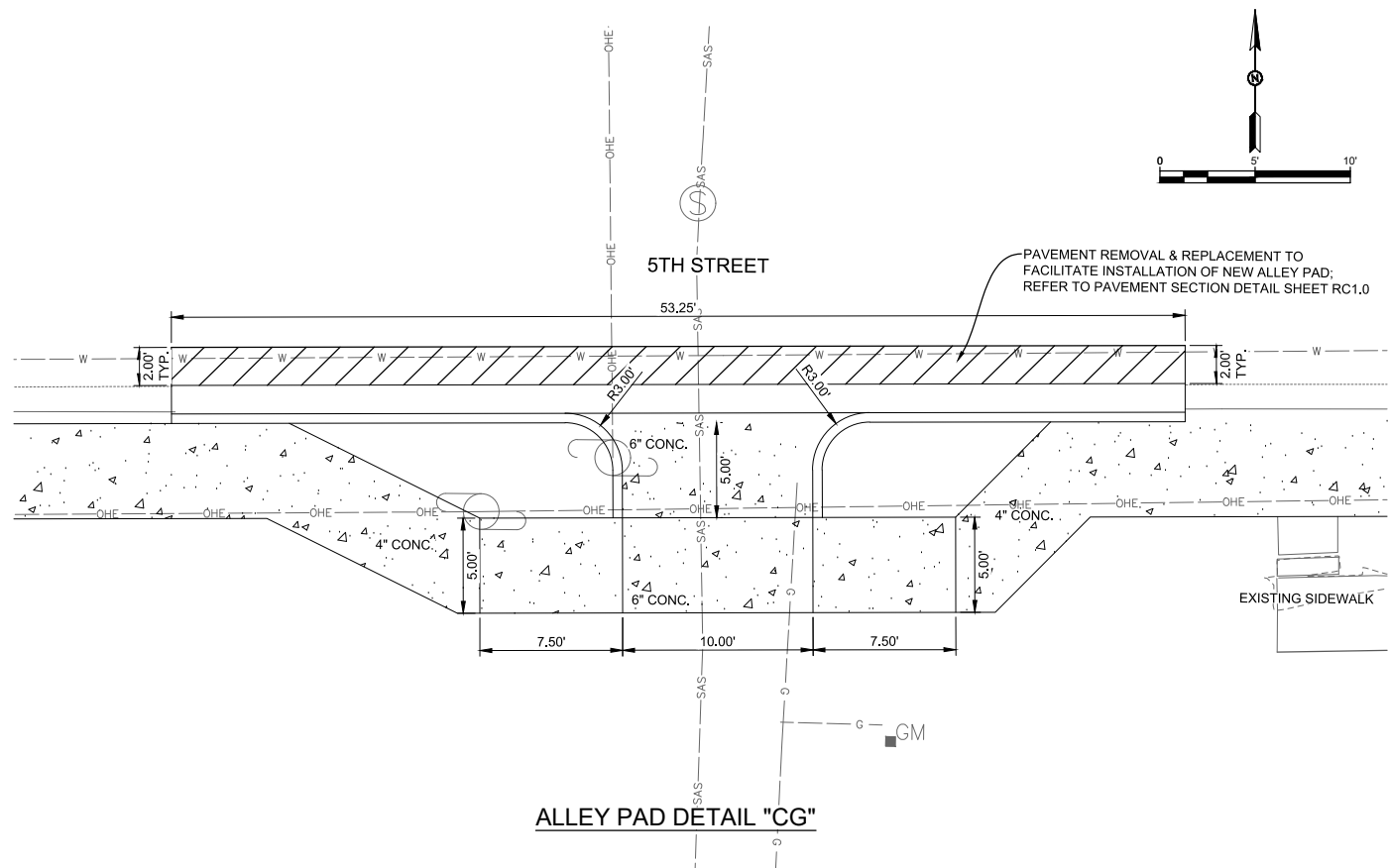
Sheet No.: **RC30.0**
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DRIVE PAD DETAIL "CE"



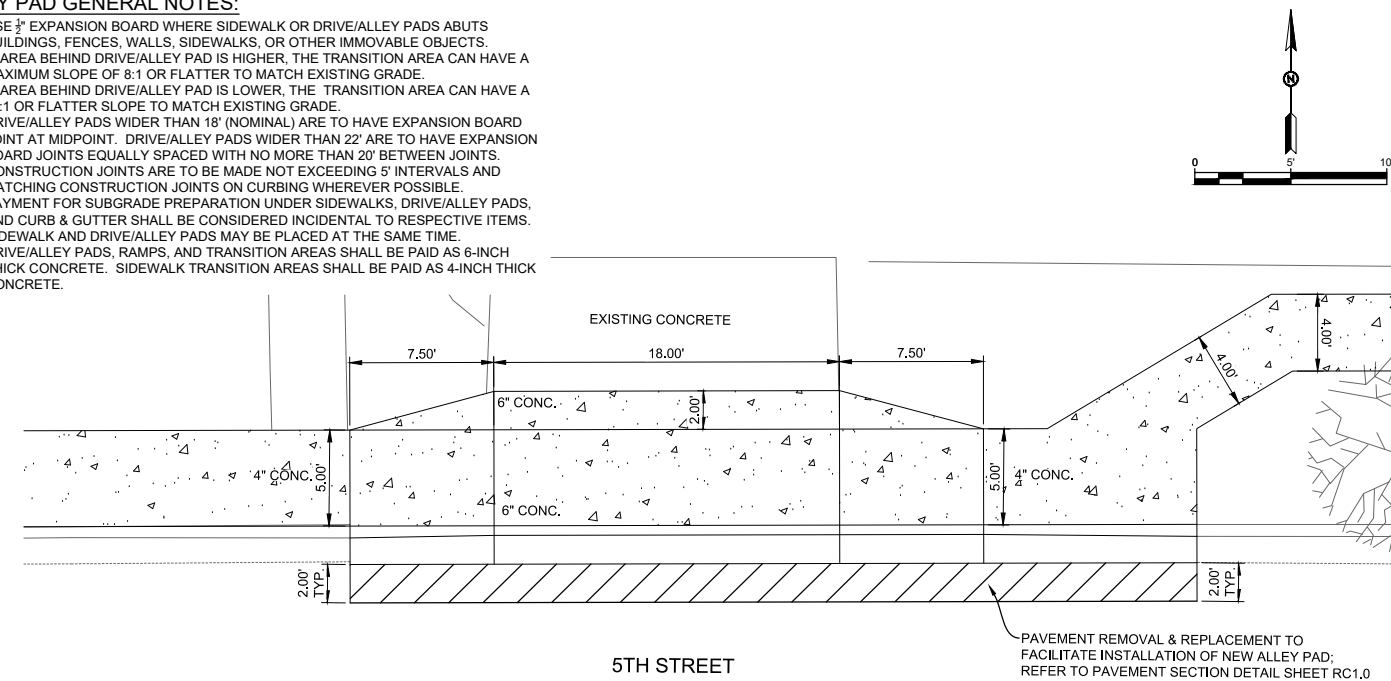
ALLEY PAD DETAIL "CF"



ALLEY PAD DETAIL "CG"

ALLEY PAD GENERAL NOTES:

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2. IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
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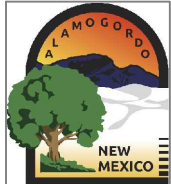


DRIVE PAD DETAIL "CH"

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

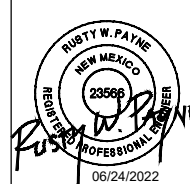
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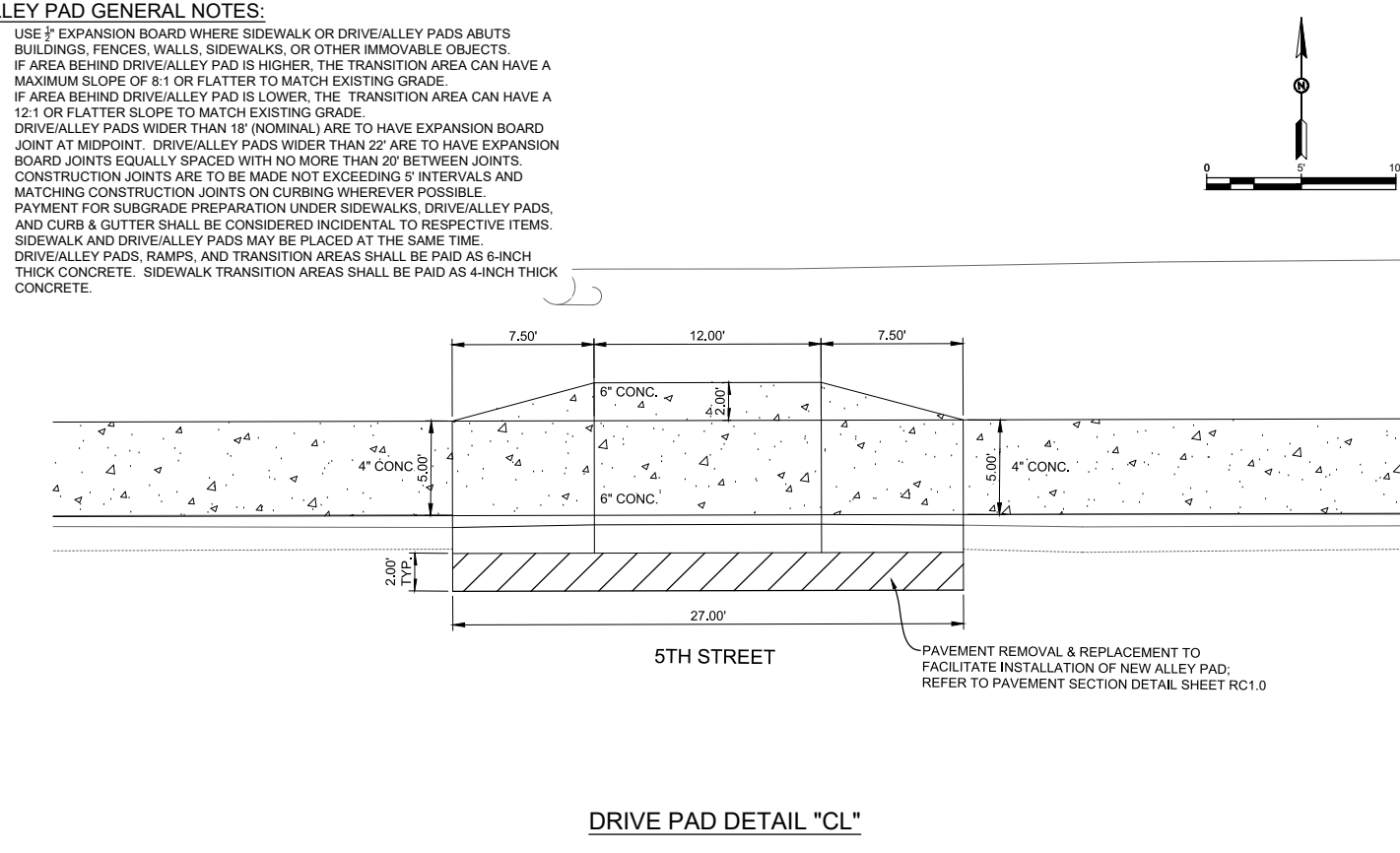
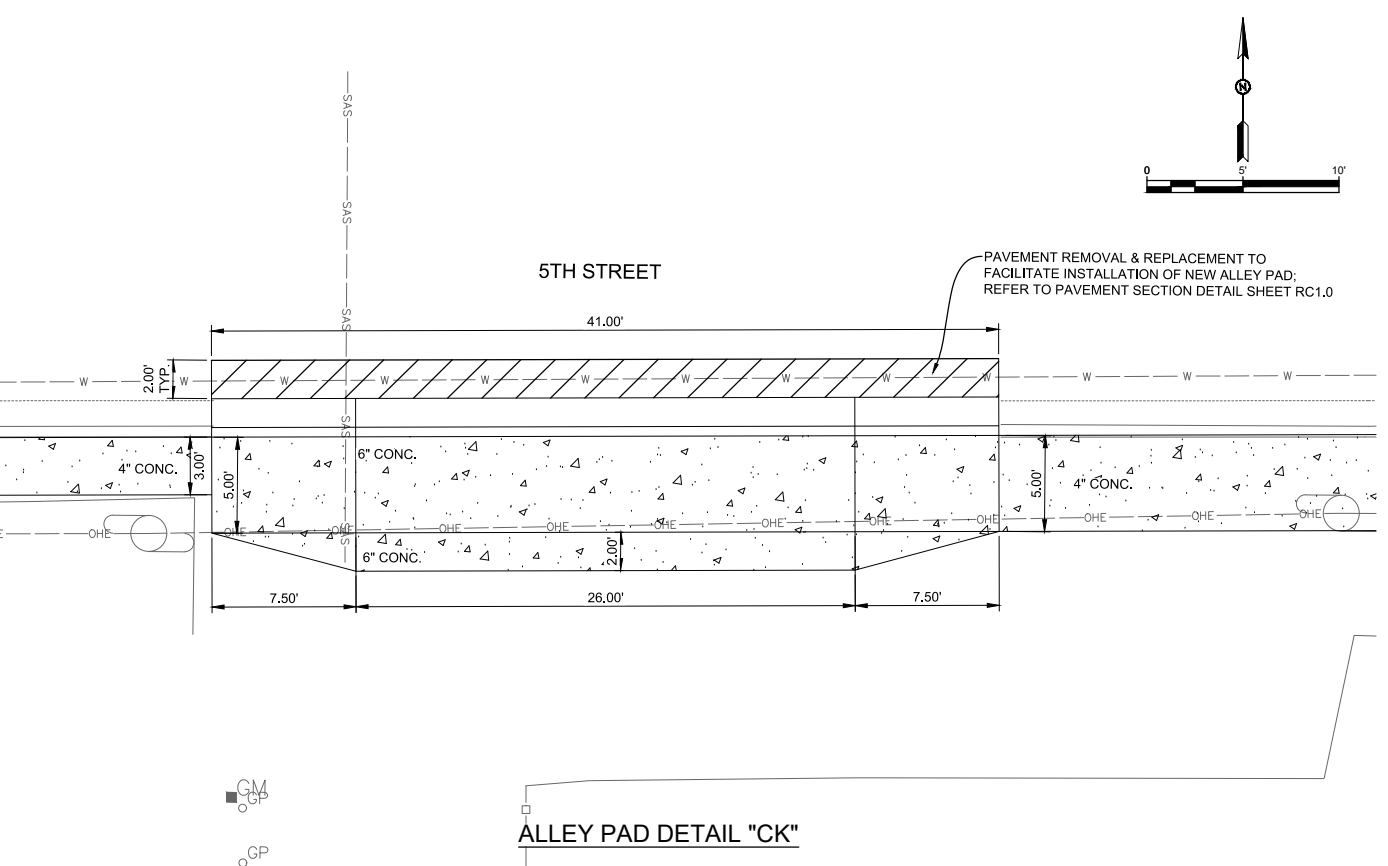
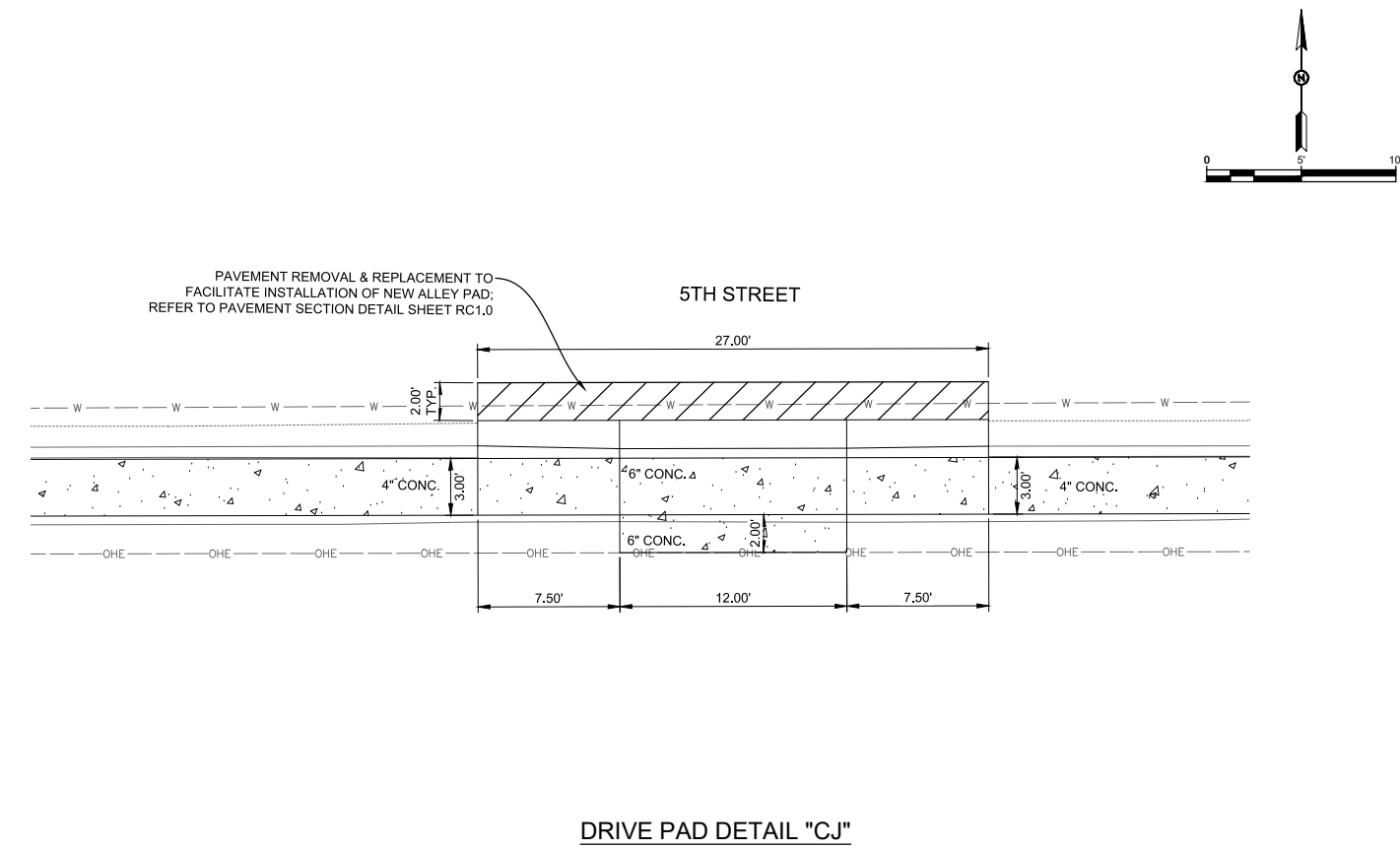
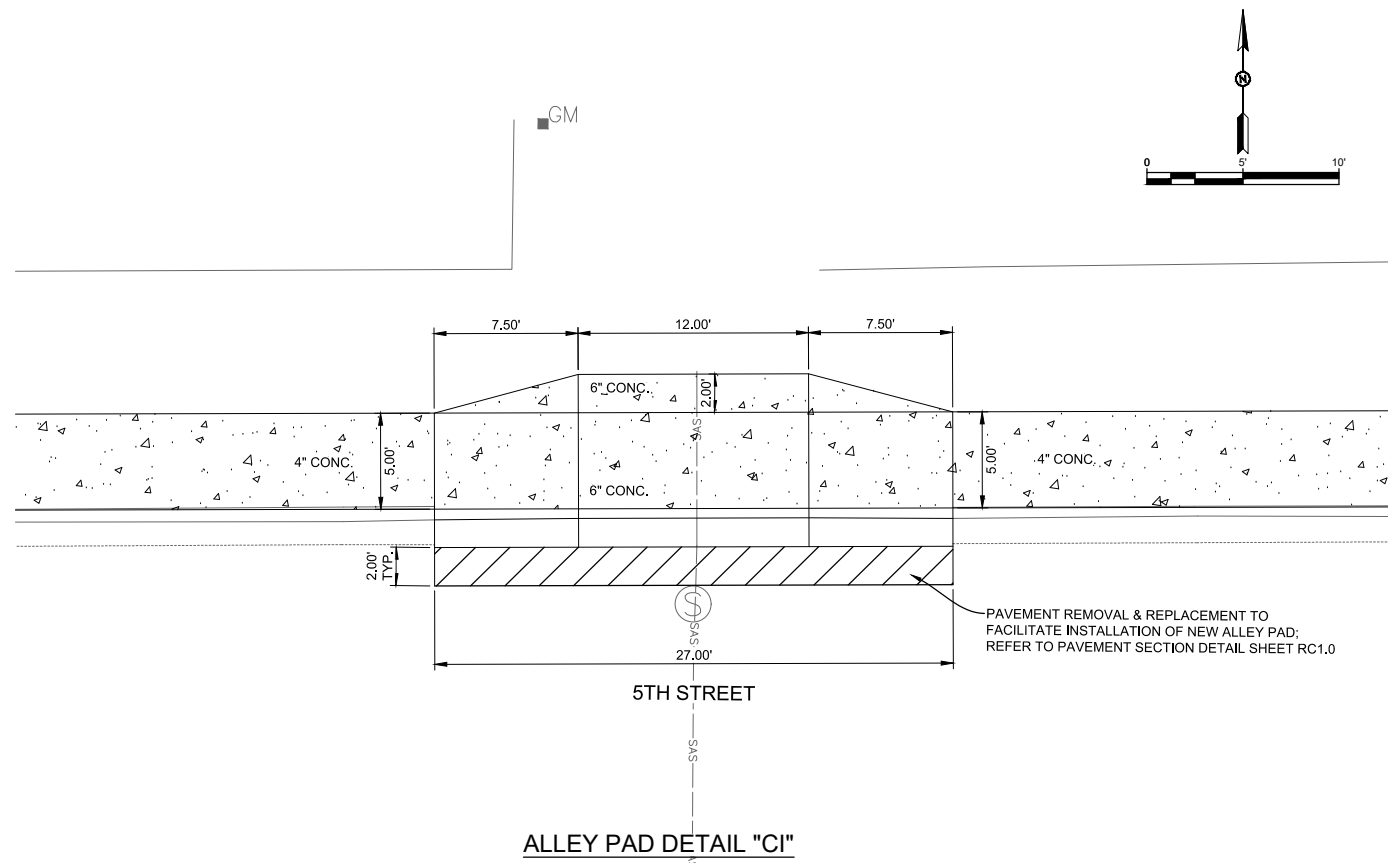
ADA Compliant Sidewalk Improvements

ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: RC31.0
 Sheet 37 of 91
 19-C-NR-I-01-G-18

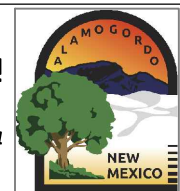


- ALLEY PAD GENERAL NOTES:**
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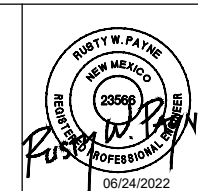
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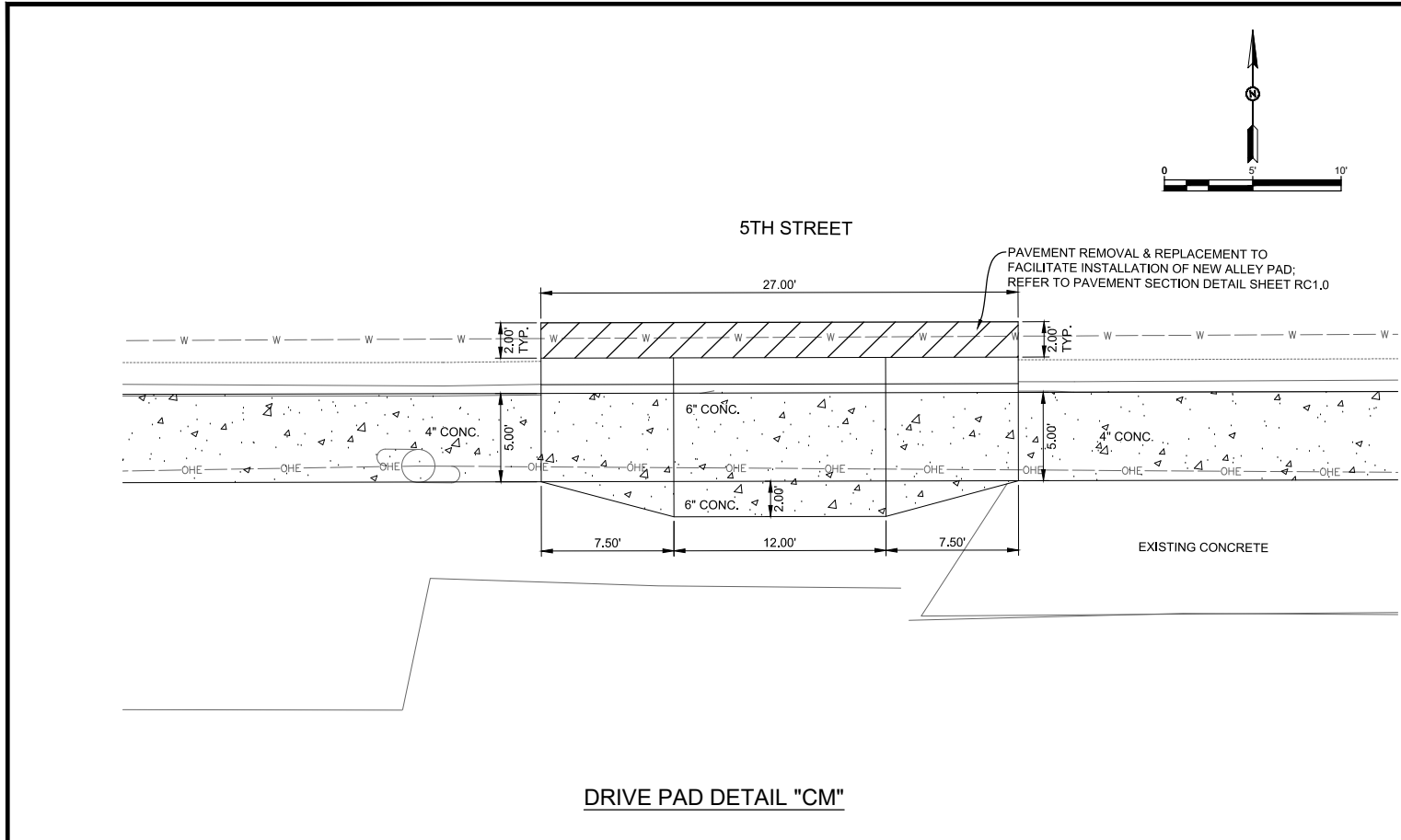


ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

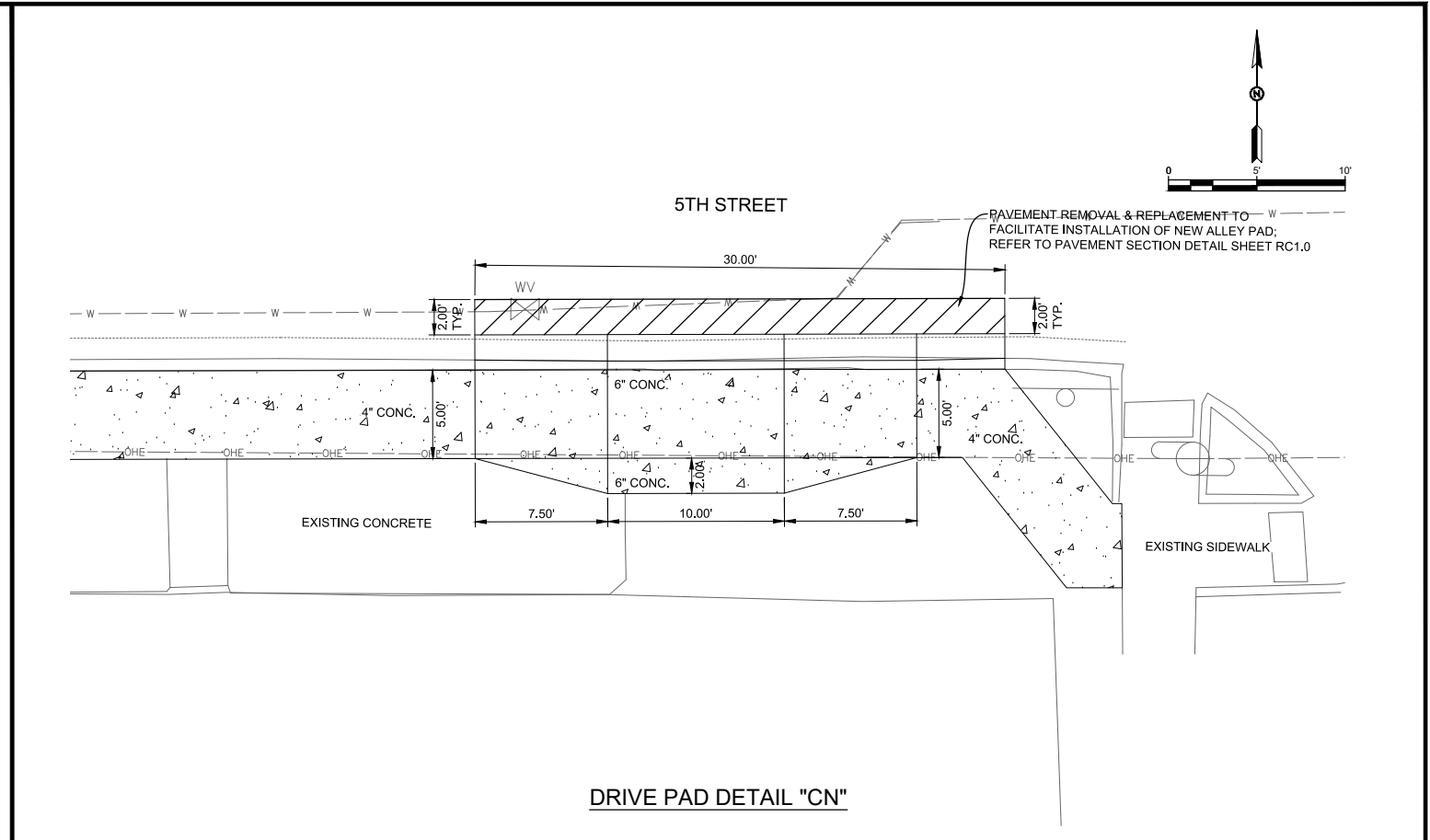


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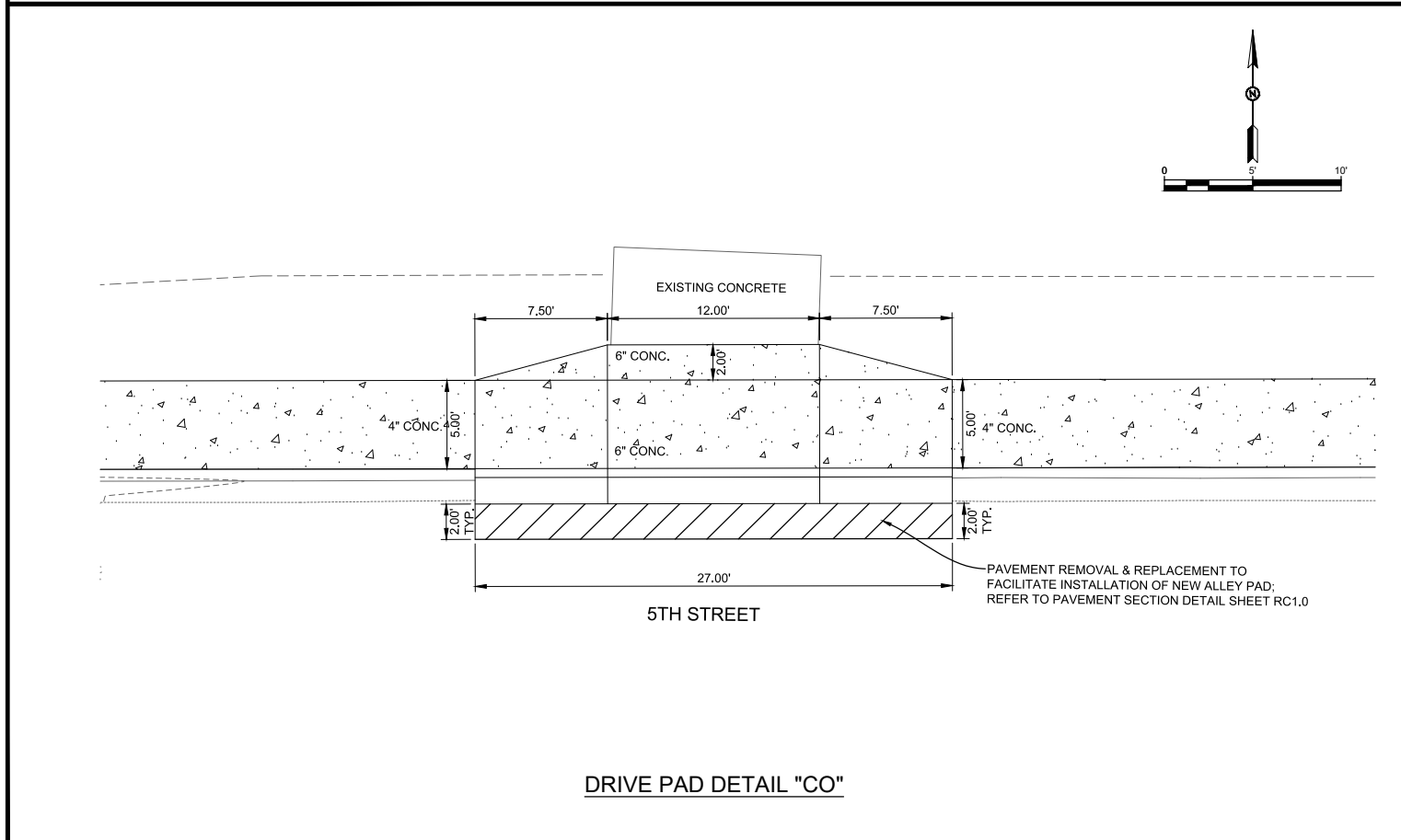
Public Works Bid No.:	2022-004
Drawn By:	SMITH
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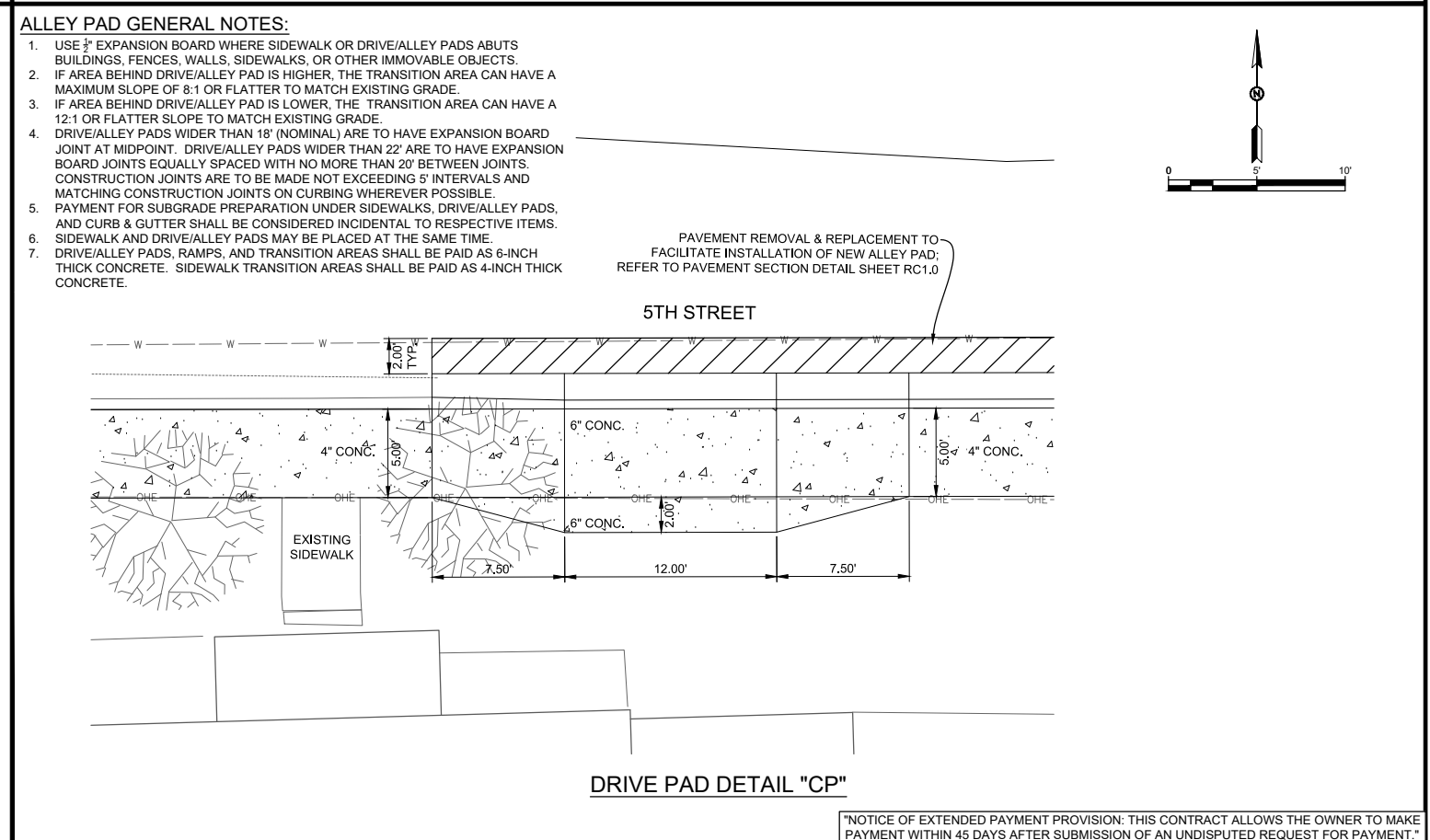
DRIVE PAD DETAIL "CM"



DRIVE PAD DETAIL "CN"



DRIVE PAD DETAIL "CO"



DRIVE PAD DETAIL "CP"

ALLEY PAD GENERAL NOTES:

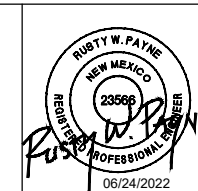
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 ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

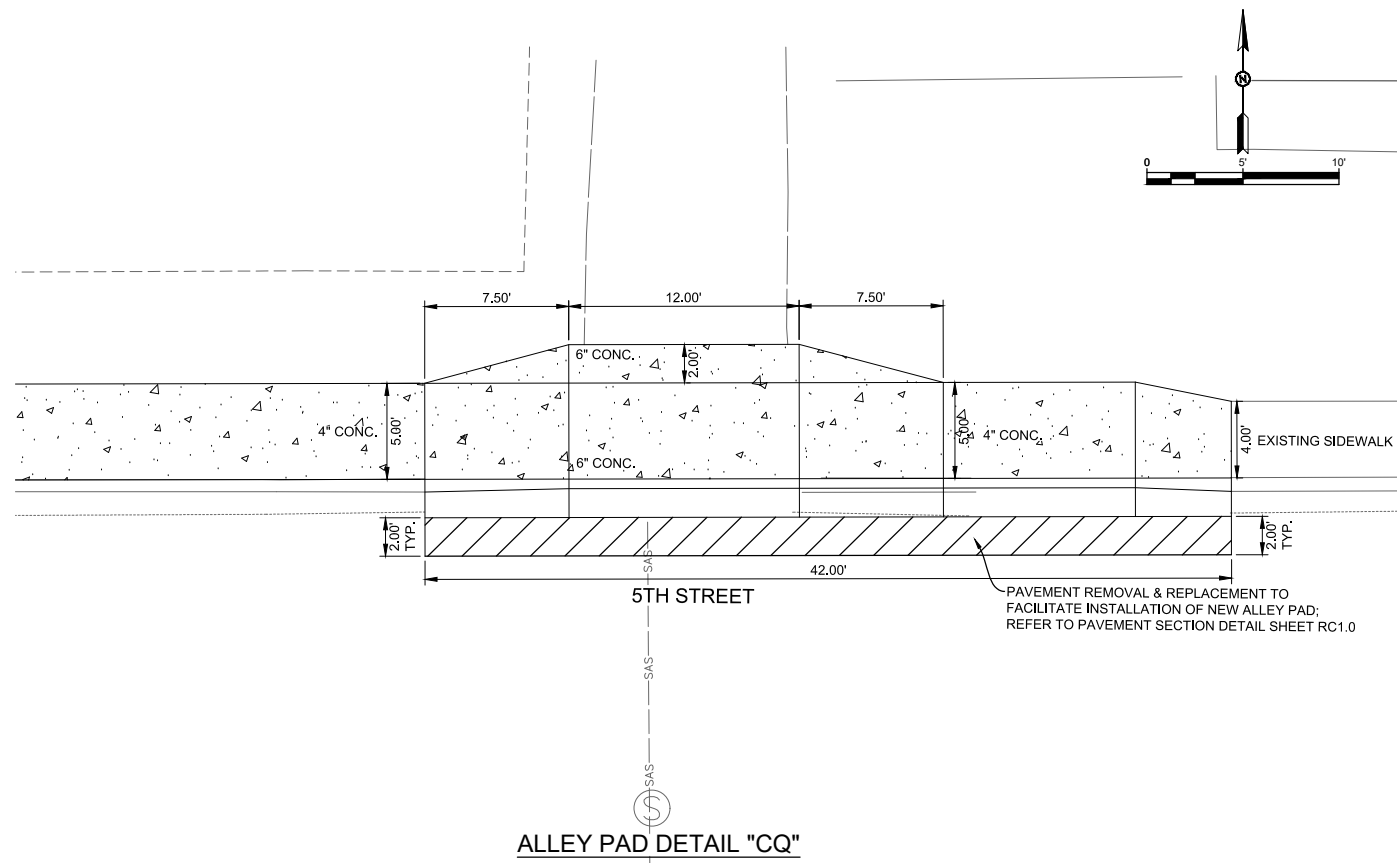


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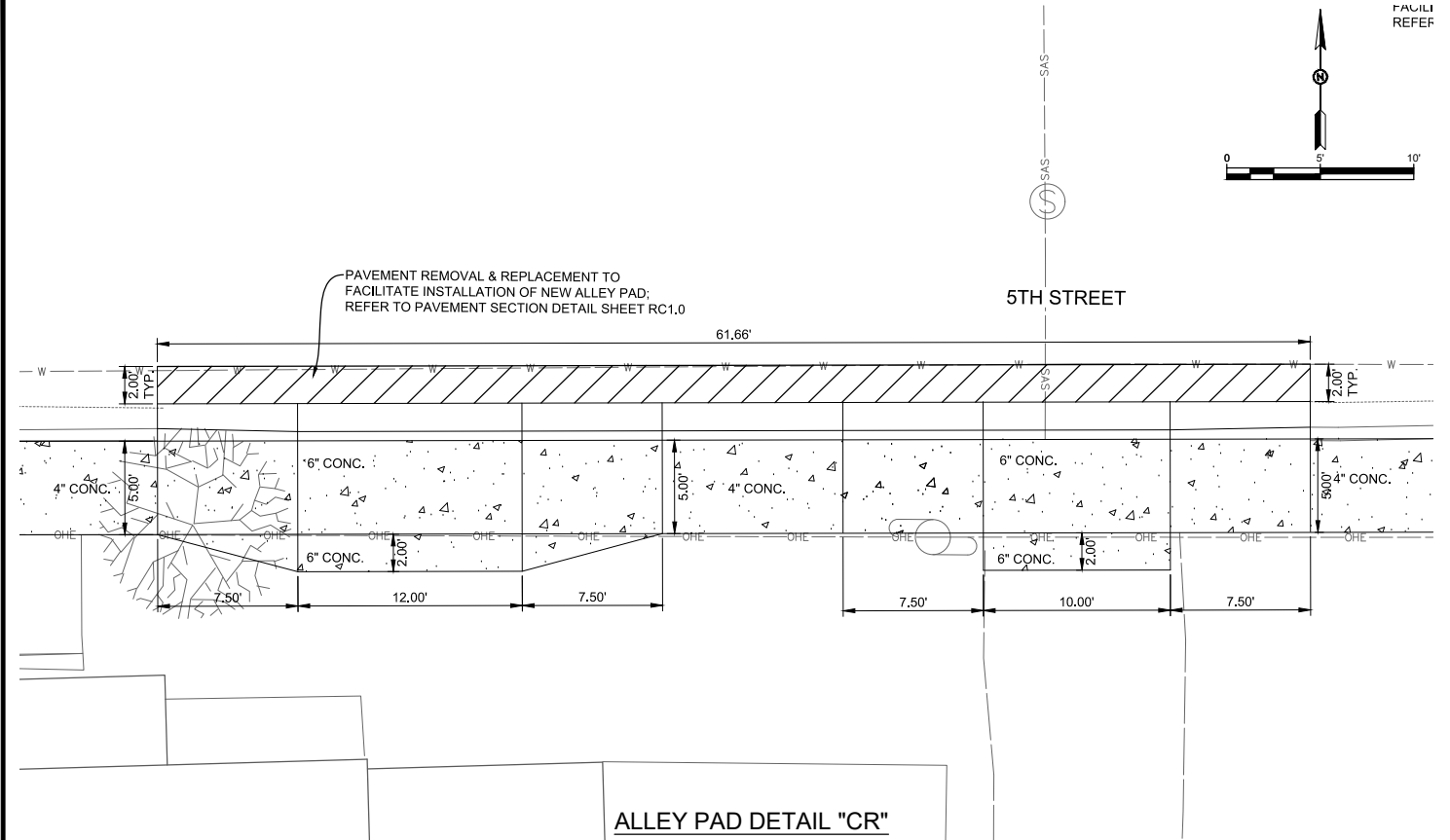
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Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 39 of 91
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RC33.0

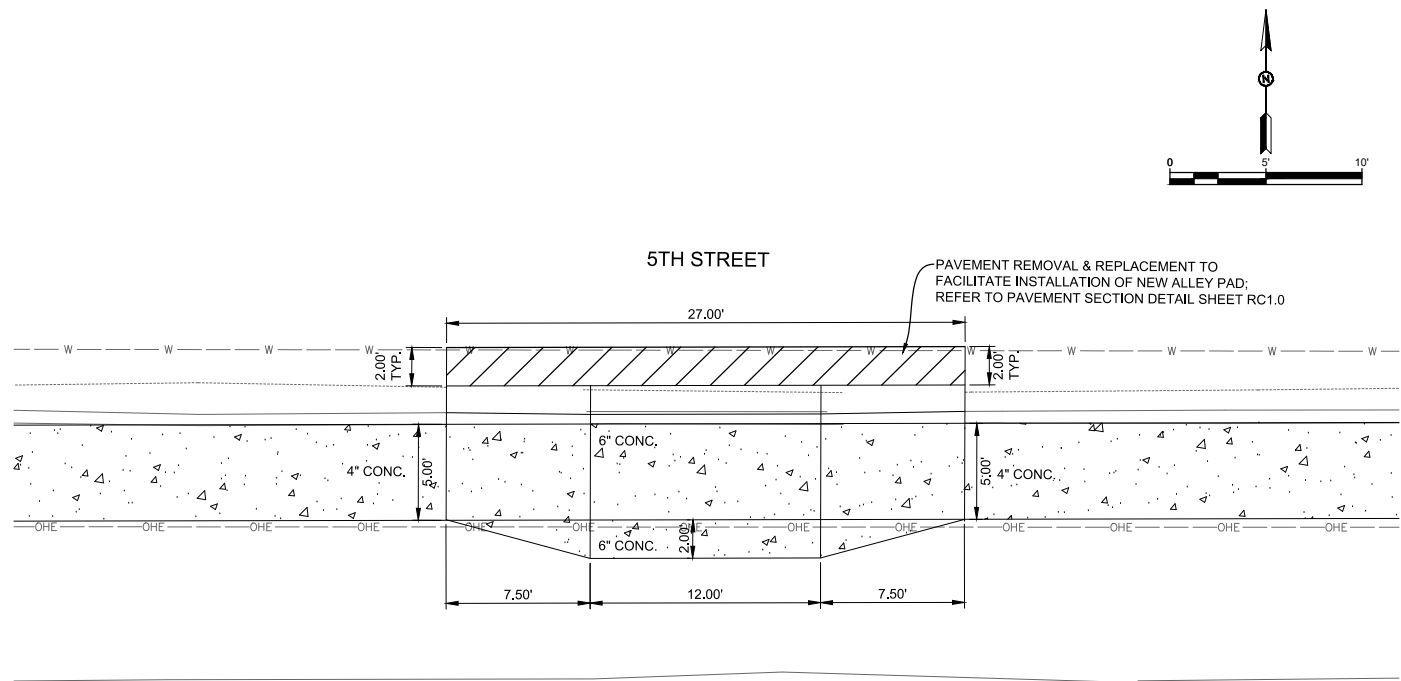
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ALLEY PAD DETAIL "CQ"



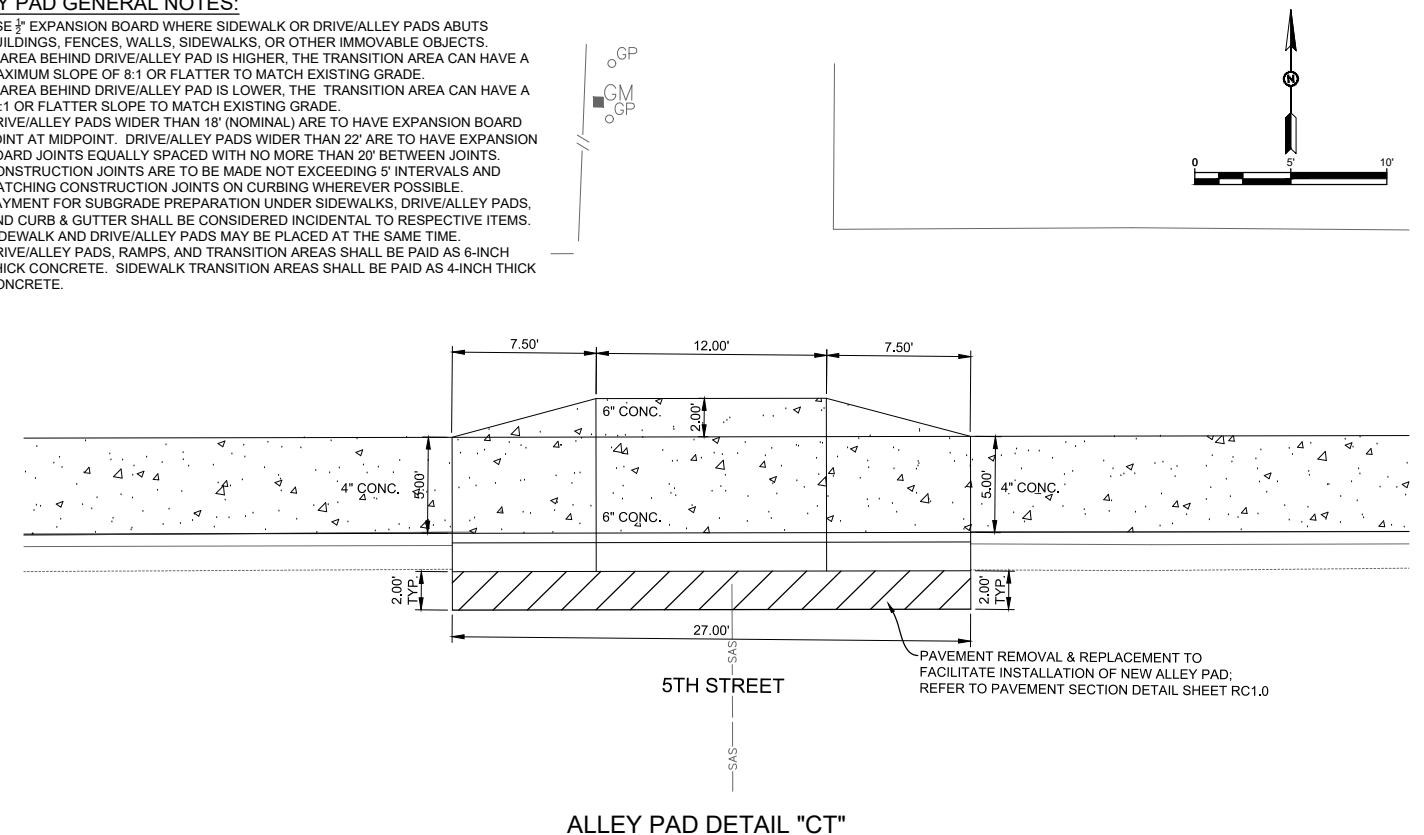
ALLEY PAD DETAIL "CR"



DRIVE PAD DETAIL "CS"

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ALLEY PAD DETAIL "CT"

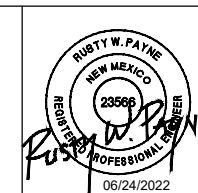
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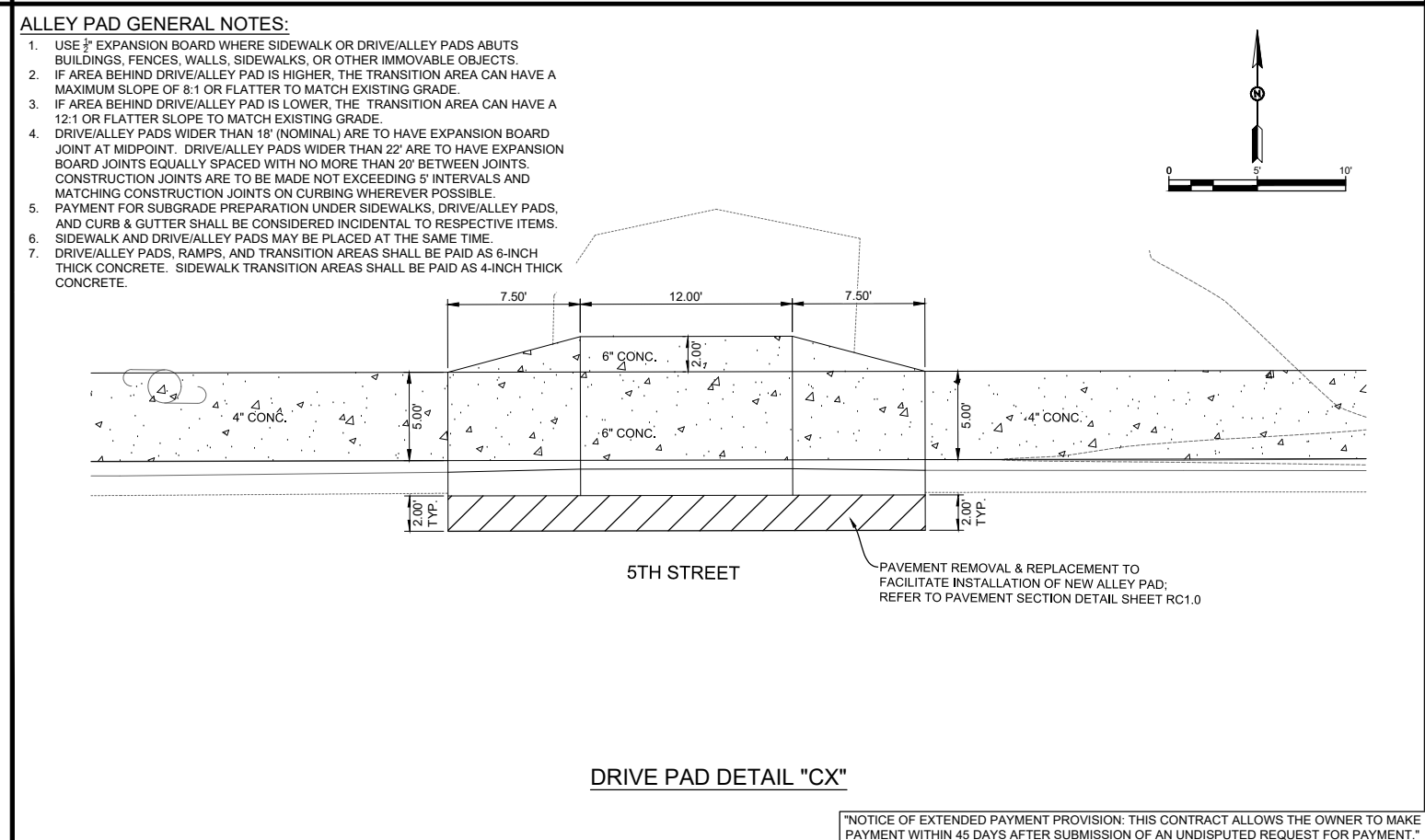
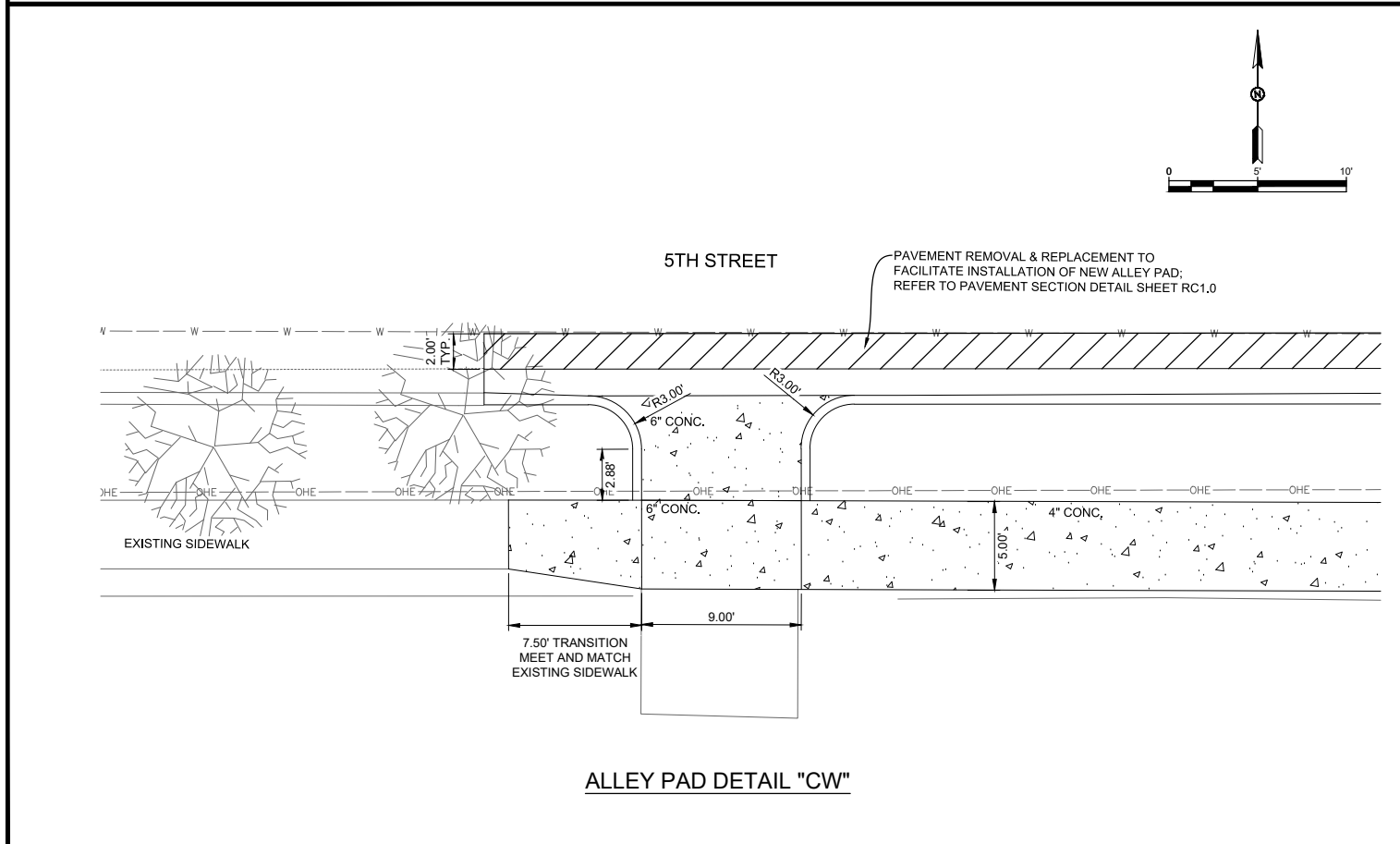
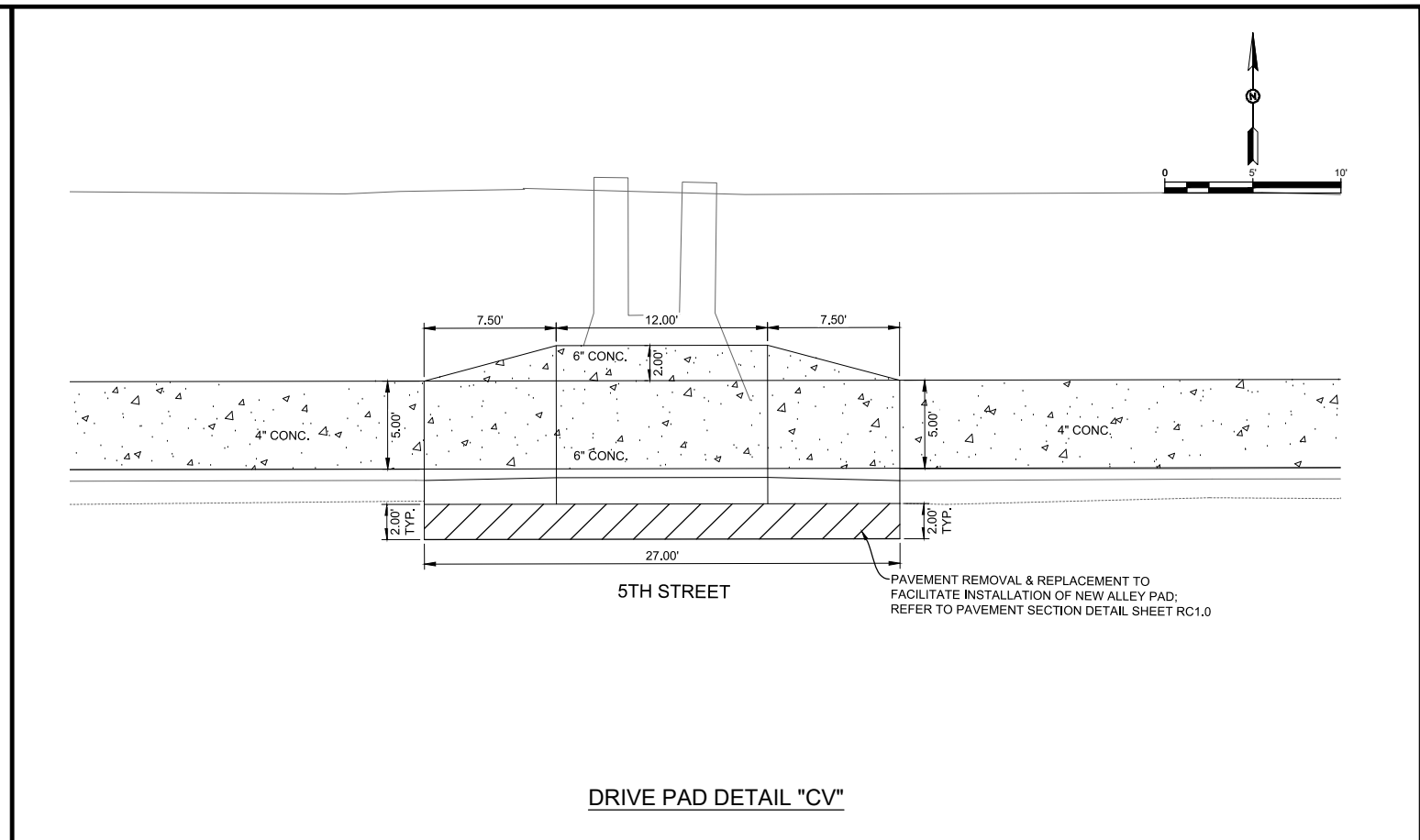
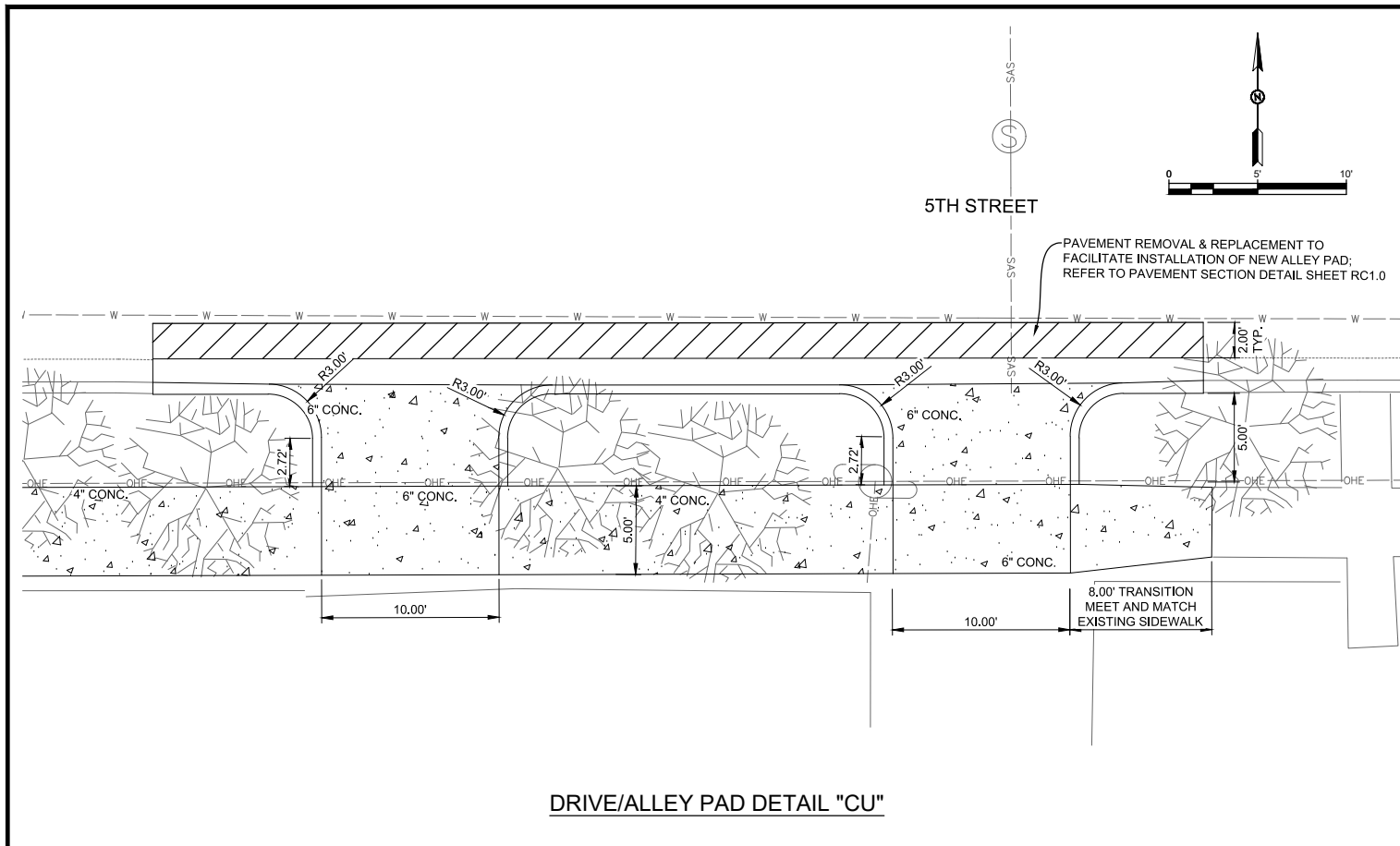
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ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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Drawn By: SMITH	Designed By: SMITH
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Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 40 of 91
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RC34.0



ALLEY PAD GENERAL NOTES:

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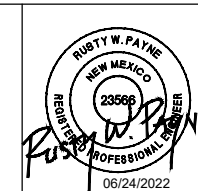
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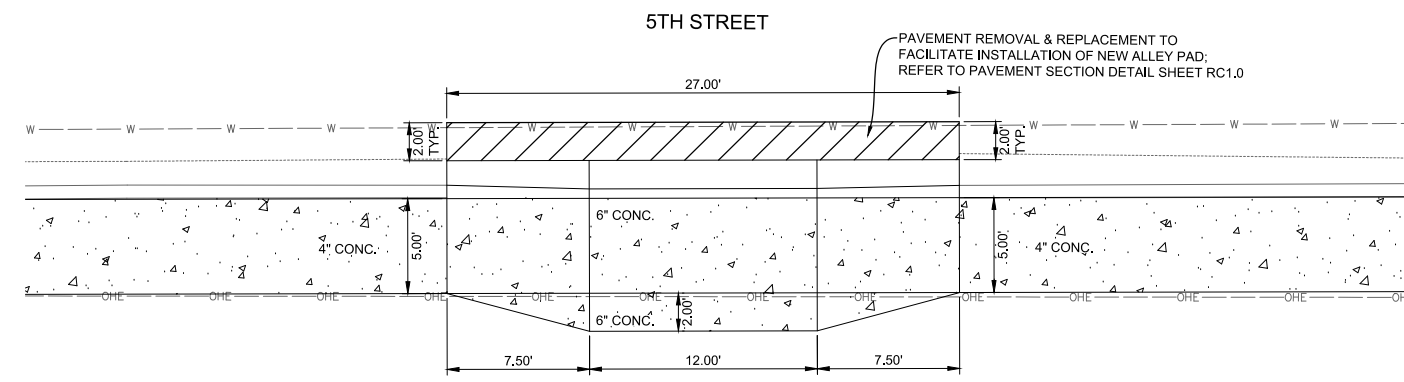
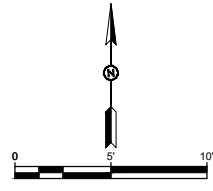


ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

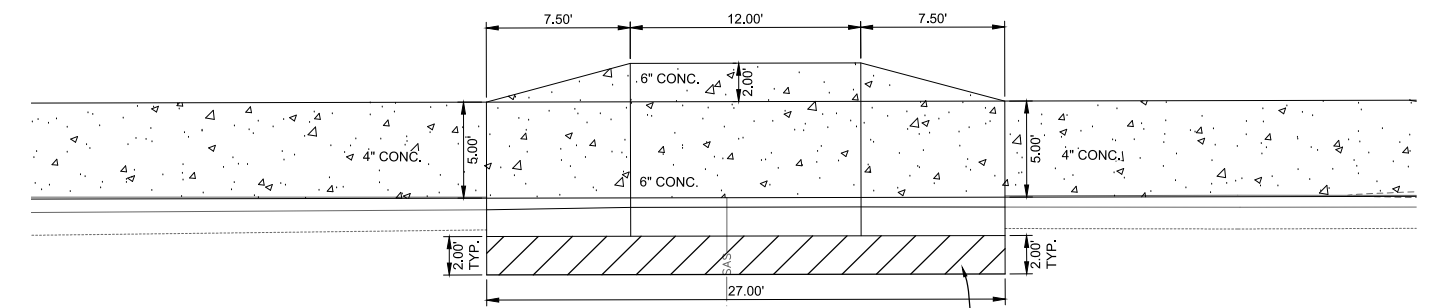
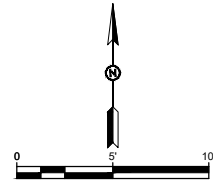


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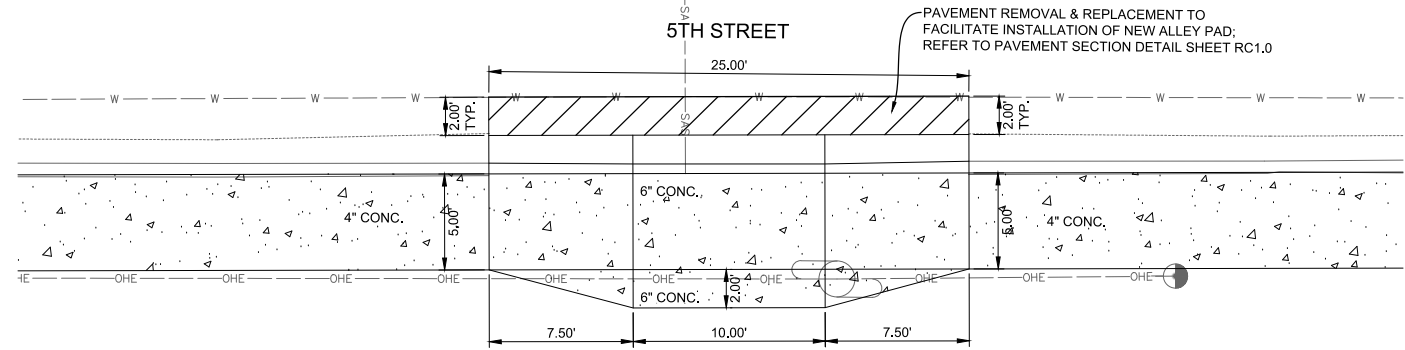
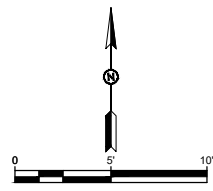
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DRIVE PAD DETAIL "CY"



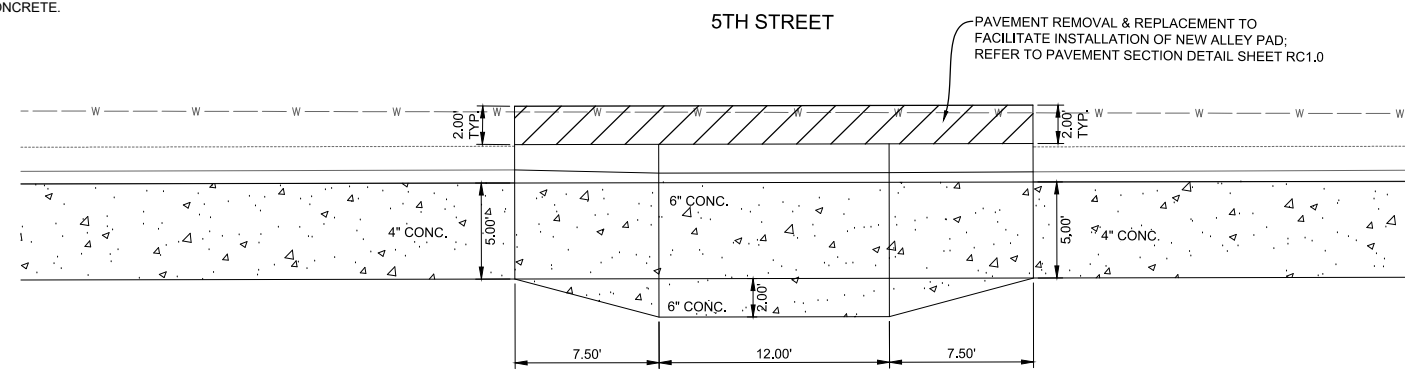
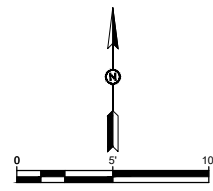
ALLEY PAD DETAIL "CZ"



ALLEY PAD DETAIL "DA"

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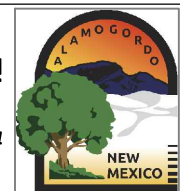


DRIVE PAD DETAIL "DB"

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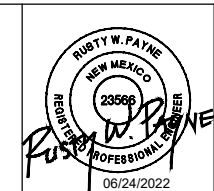
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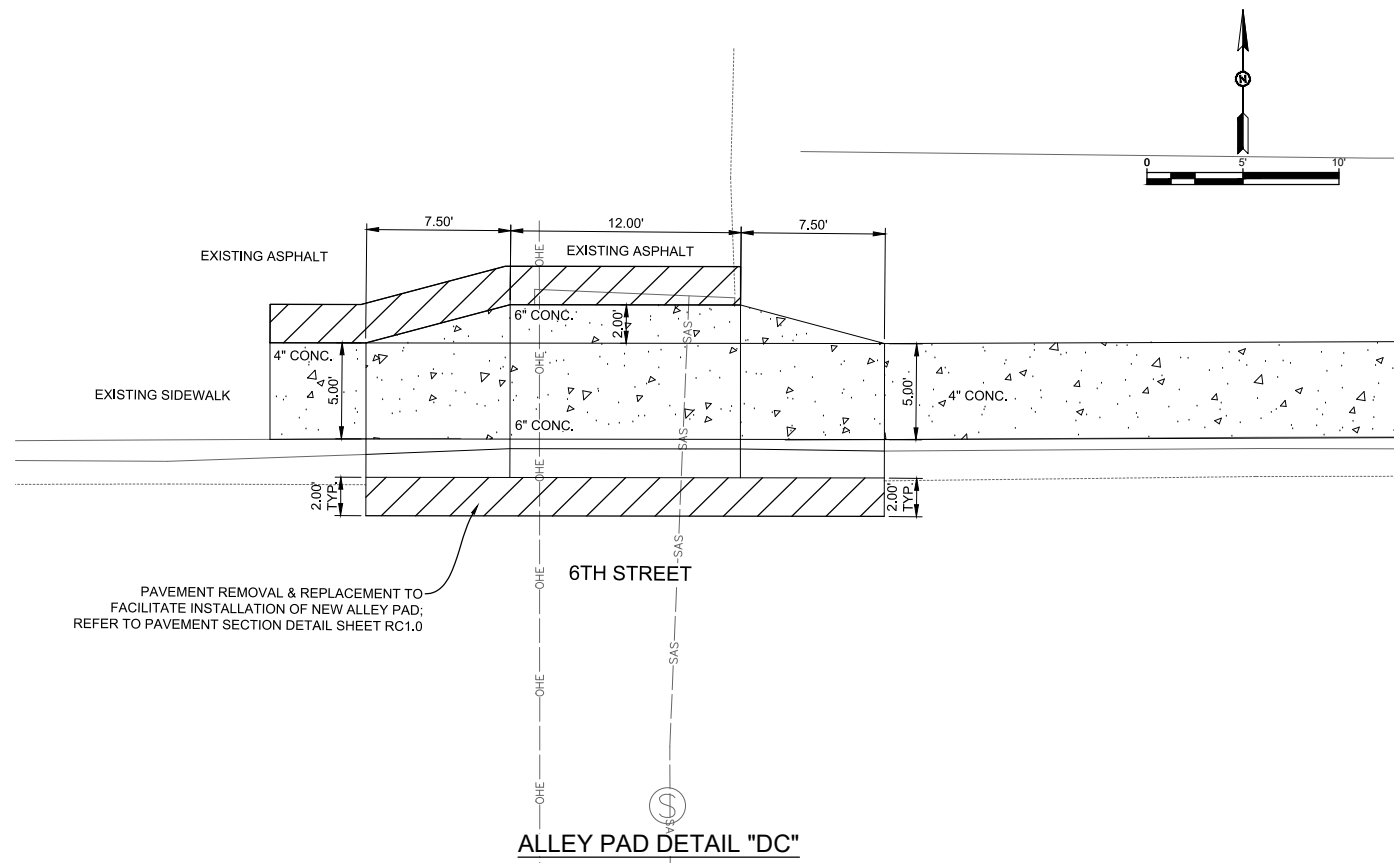
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



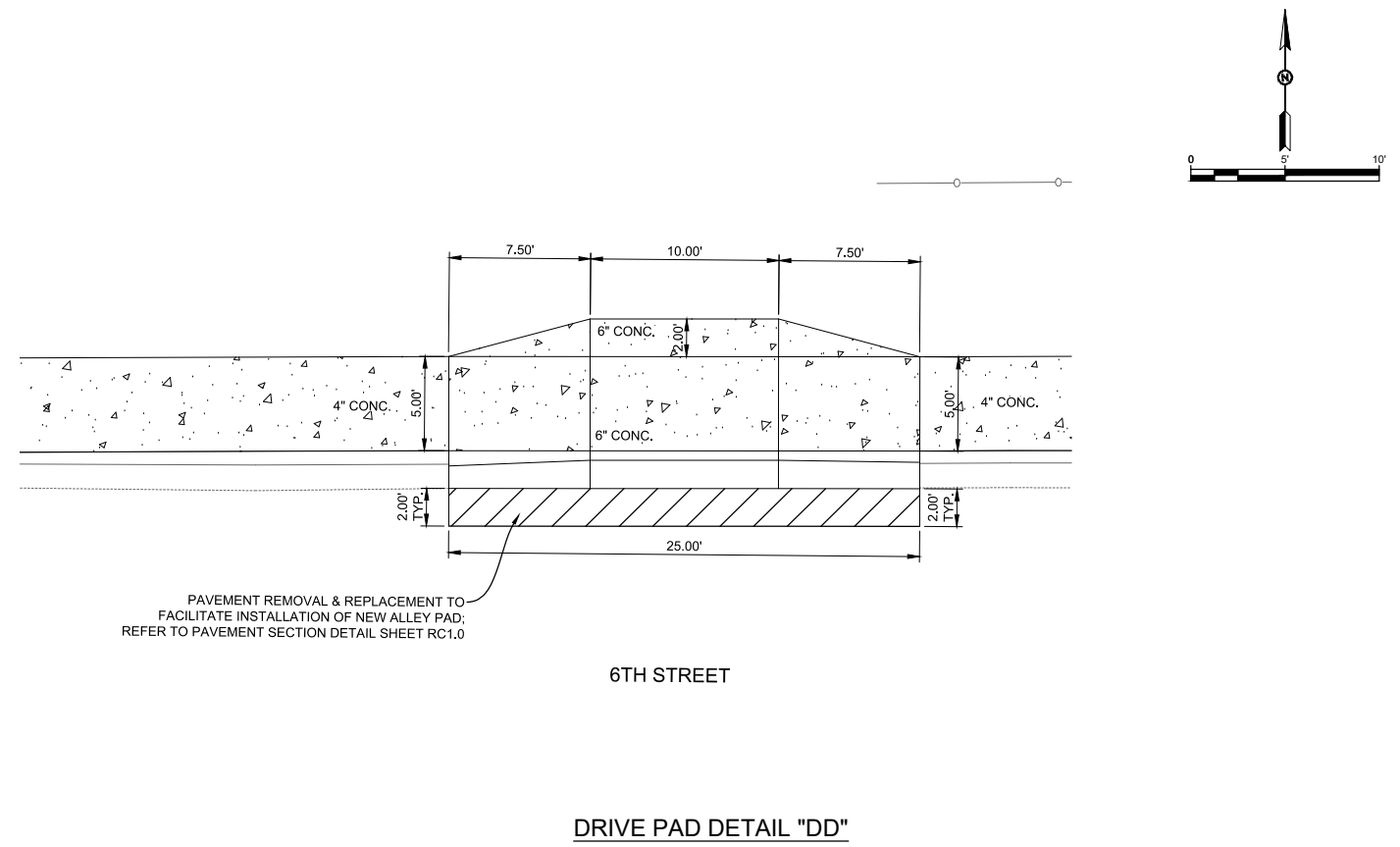
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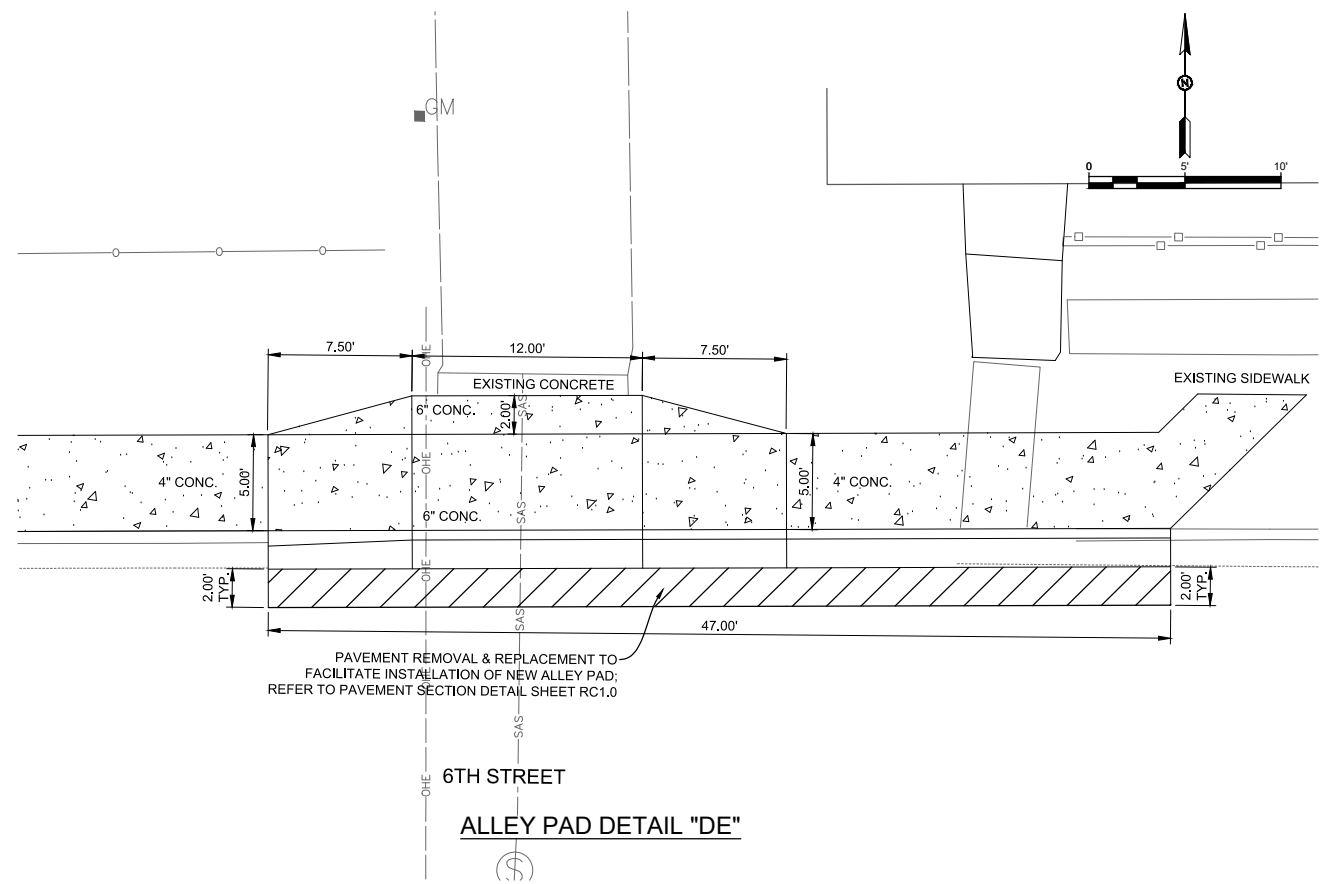
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ALLEY PAD DETAIL "DC"



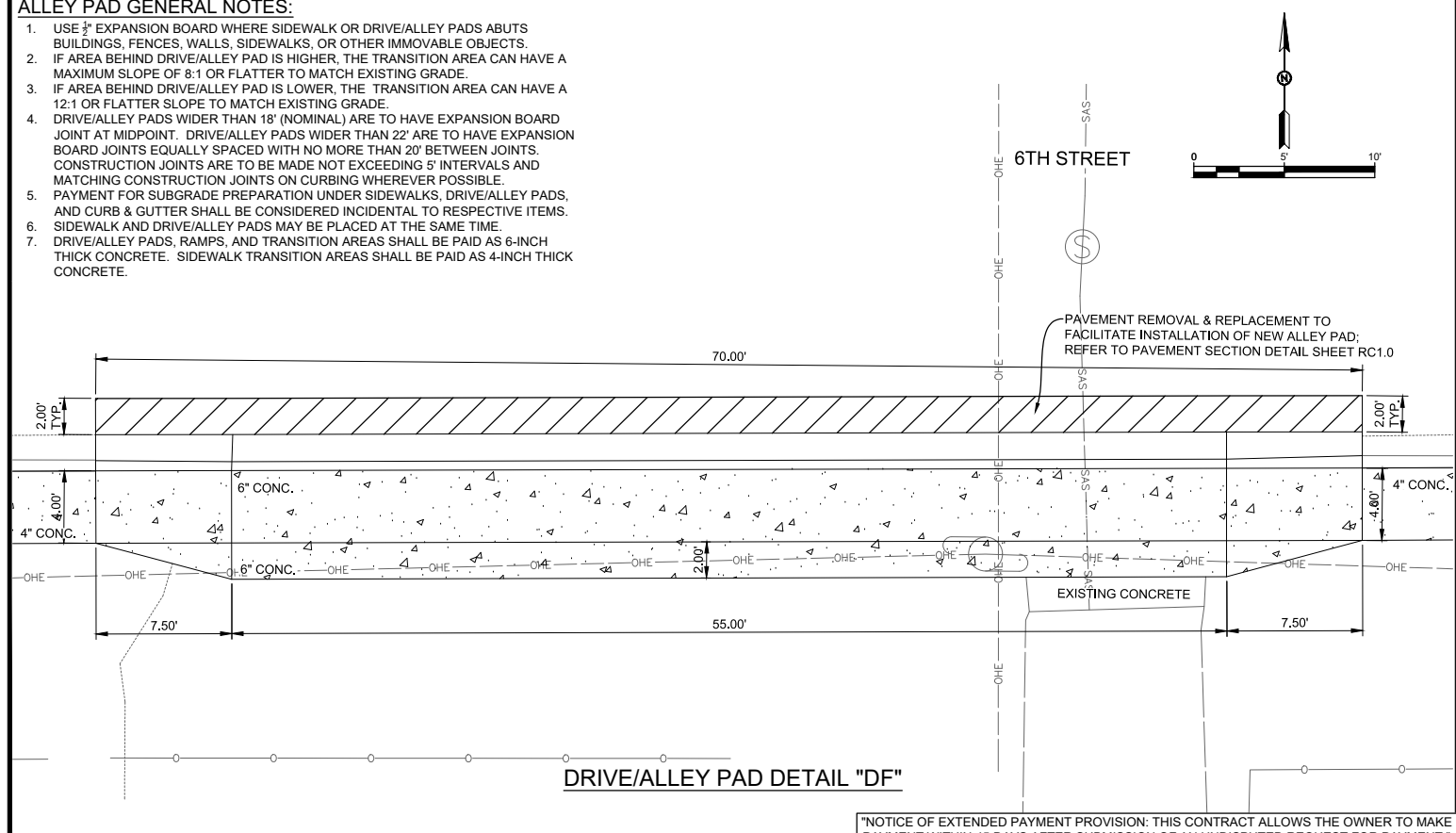
DRIVE PAD DETAIL "DD"



ALLEY PAD DETAIL "DE"

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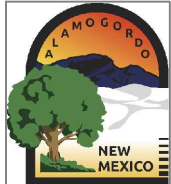


DRIVE/ALLEY PAD DETAIL "DF"

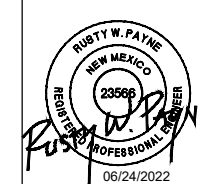
"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

REV. No.	DATE	DESCRIPTION	APPROVED

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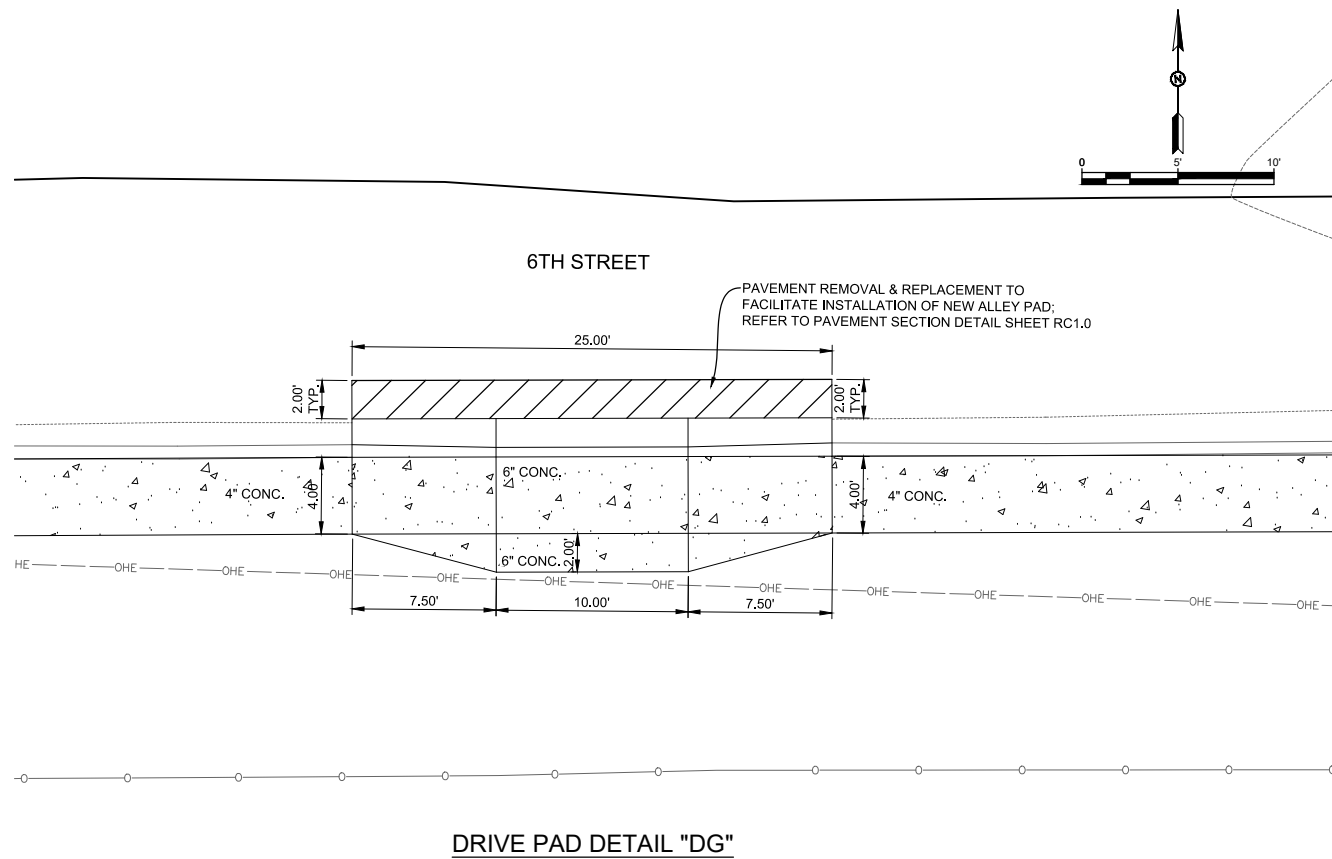
ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



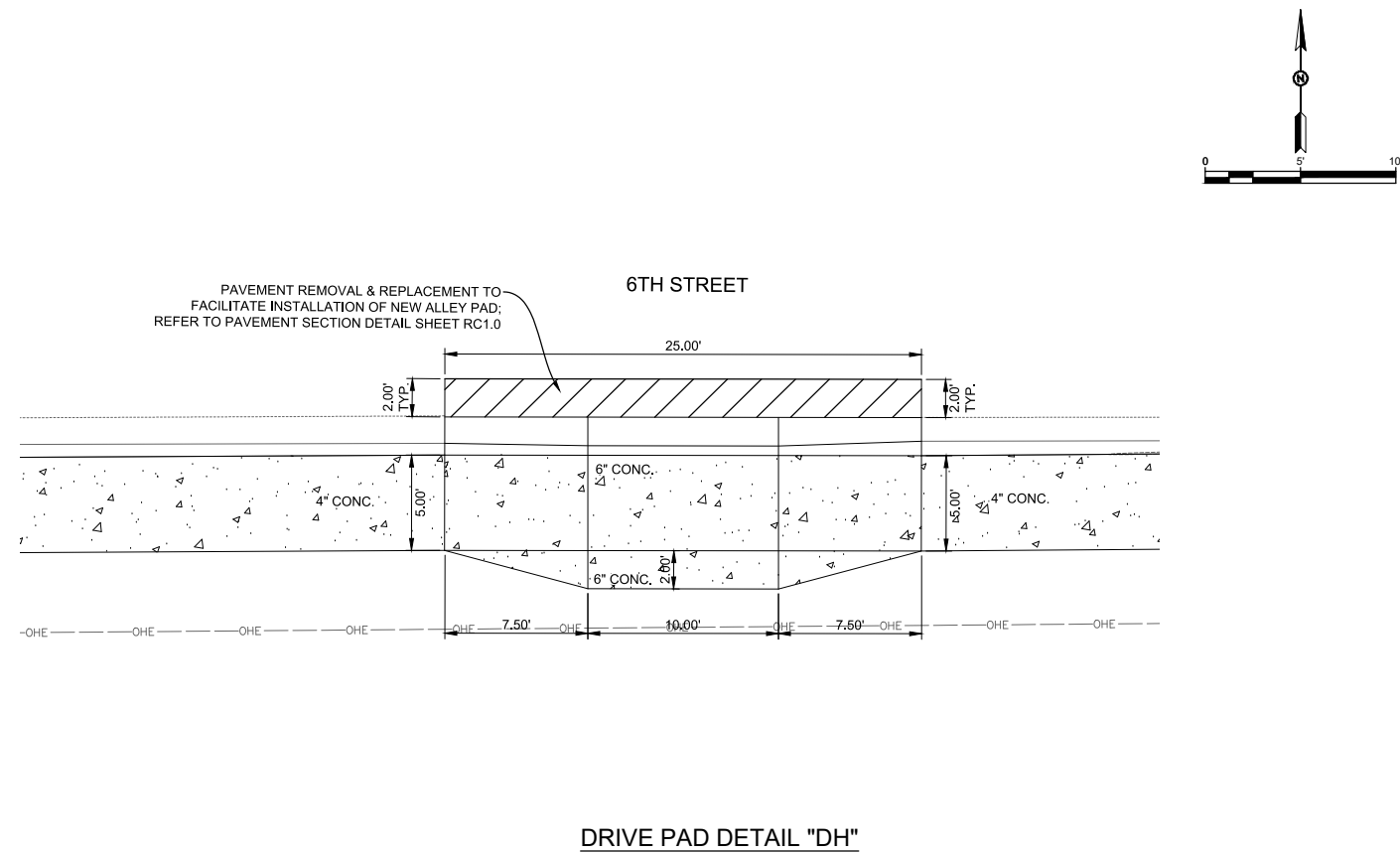
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Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

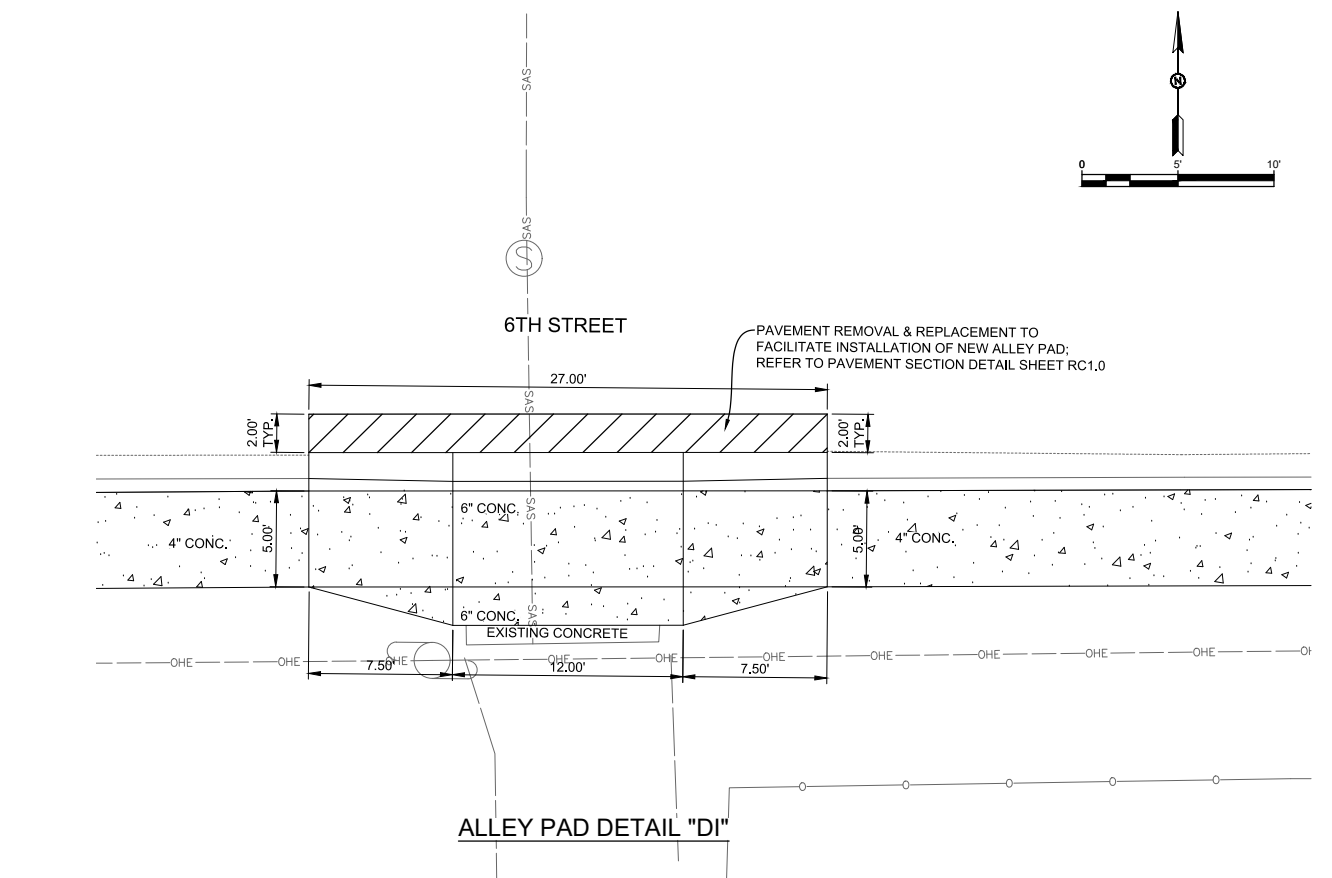
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DRIVE PAD DETAIL "DG"



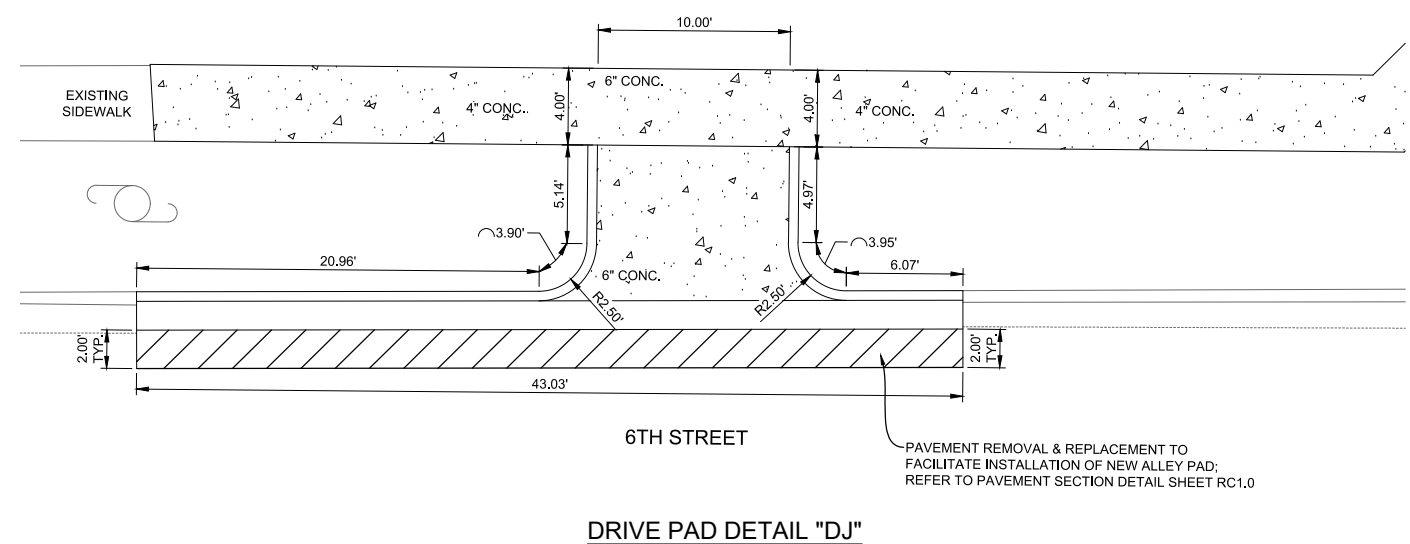
DRIVE PAD DETAIL "DH"



ALLEY PAD DETAIL "DI"

ALLEY PAD GENERAL NOTES:

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DRIVE PAD DETAIL "DJ"

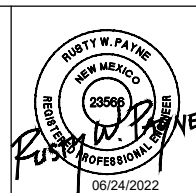
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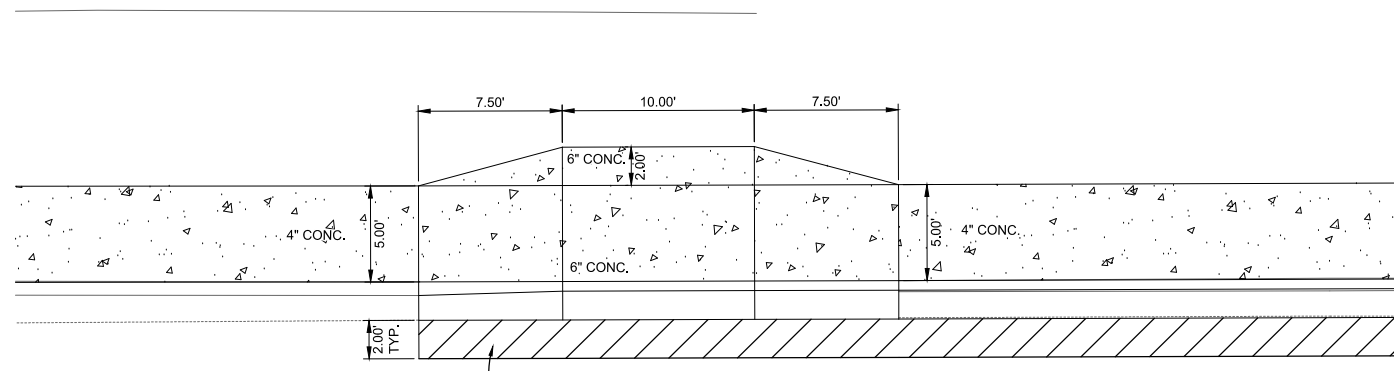
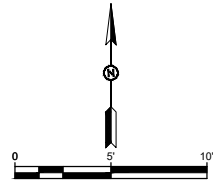
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 ALLEY AND DRIVE PAD DETAIL
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Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
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Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 44 of 91
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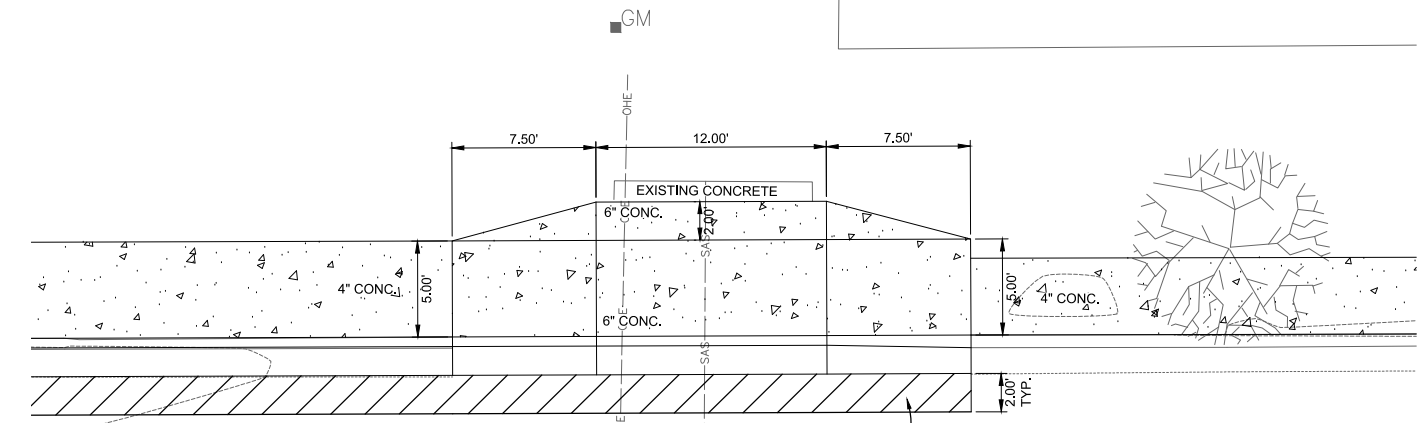
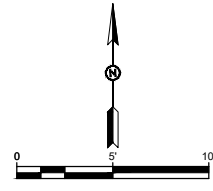
RC38.0



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

6TH STREET

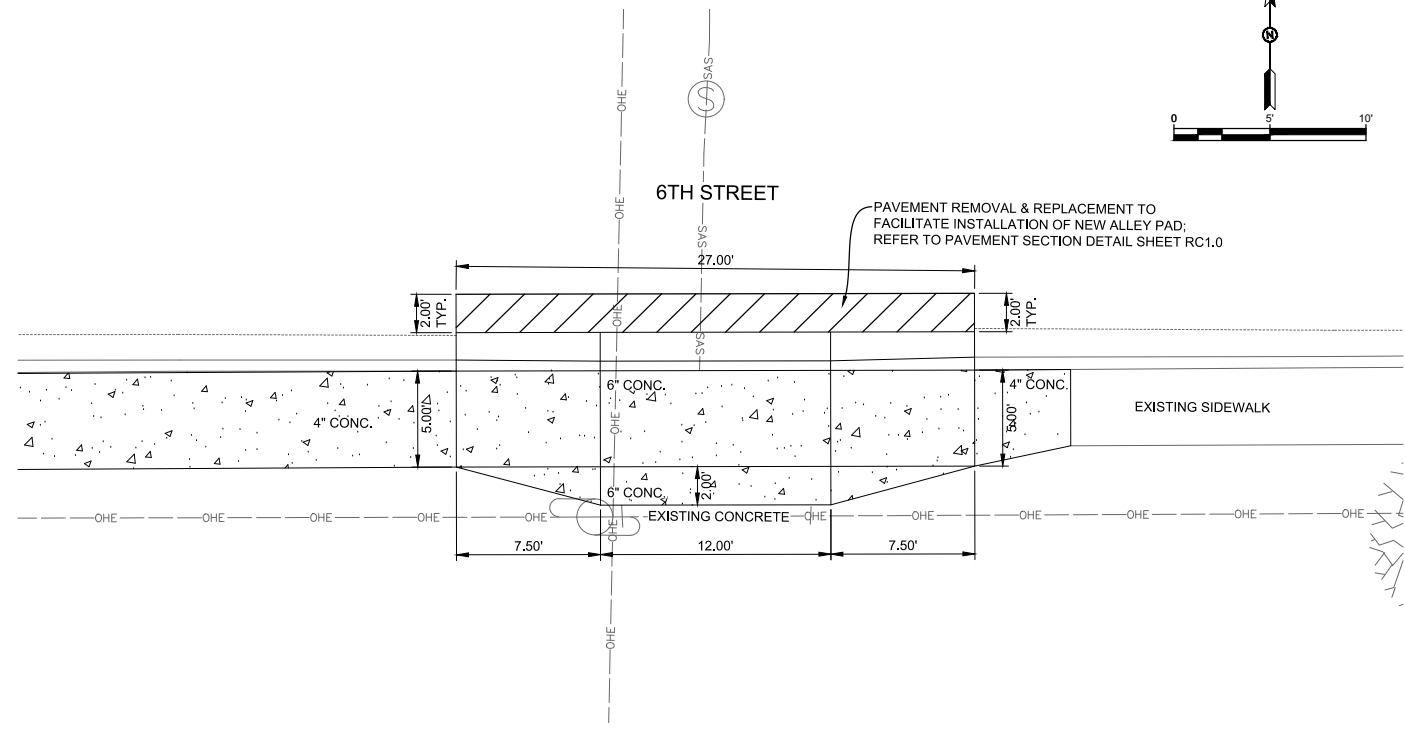
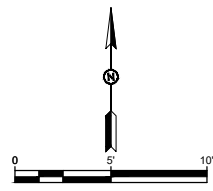
DRIVE PAD DETAIL "DK"



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

6TH STREET

ALLEY PAD DETAIL "DL"



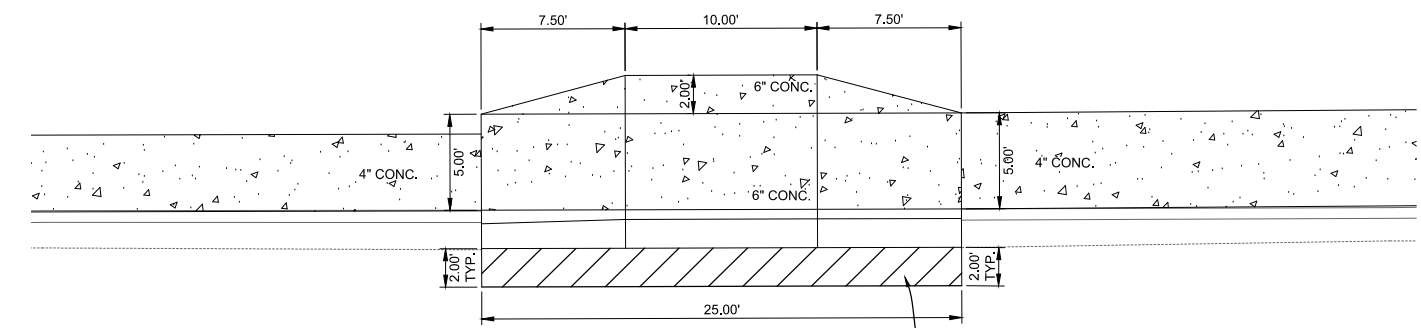
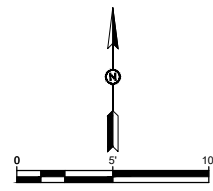
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6TH STREET

ALLEY PAD DETAIL "DM"

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PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

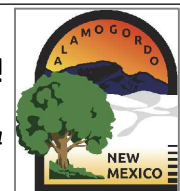
6TH STREET

DRIVE PAD DETAIL "DN"

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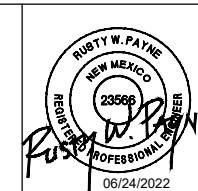
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ADA Compliant Sidewalk Improvements

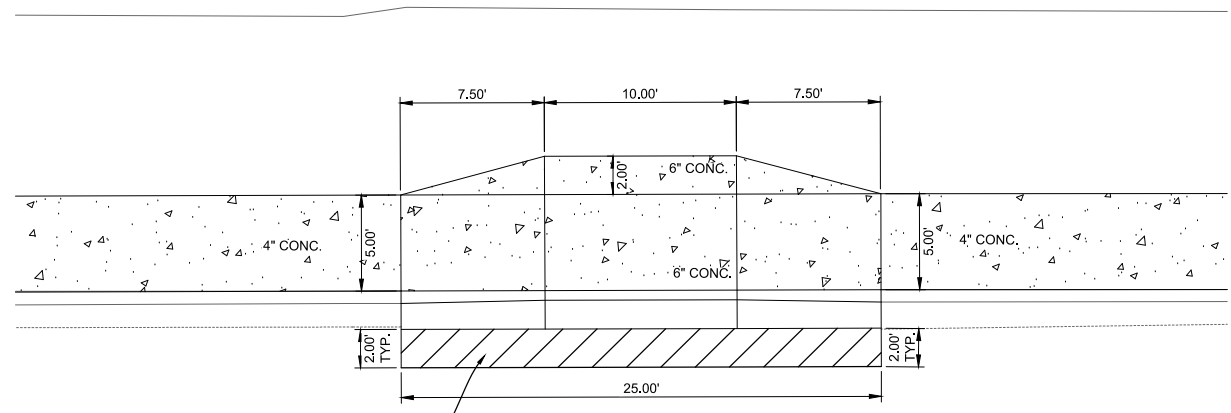
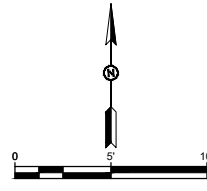
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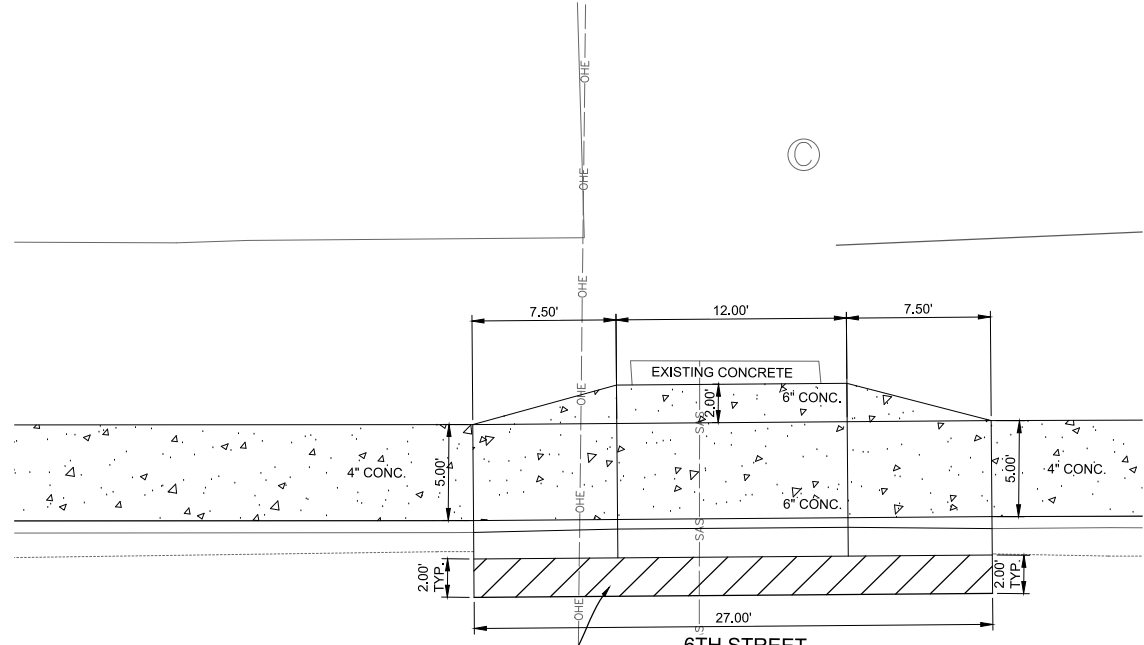
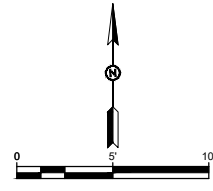
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Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 45 of 91
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RC39.0



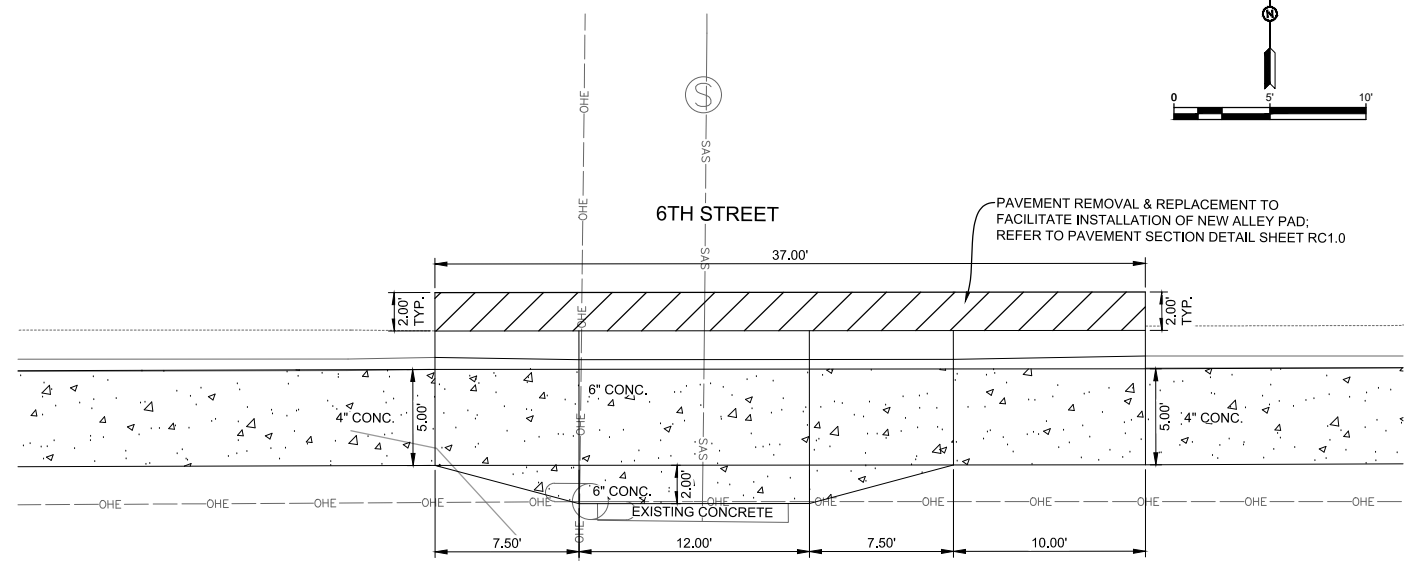
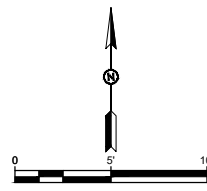
PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

DRIVE PAD DETAIL "DO"



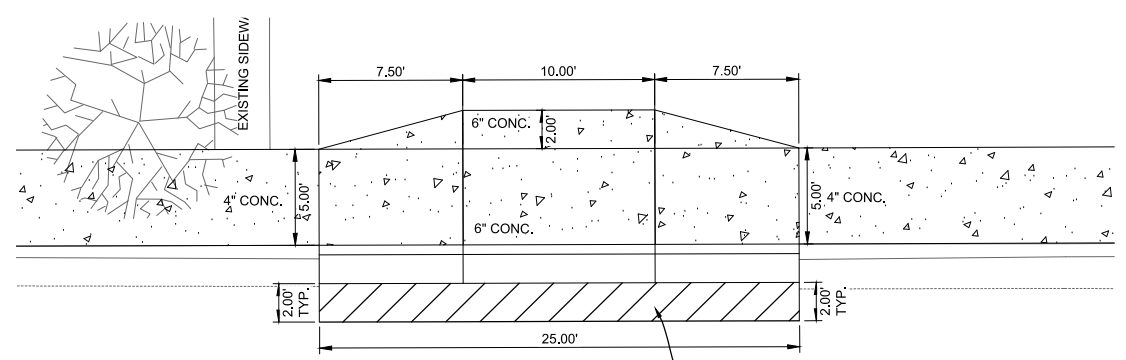
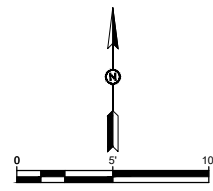
PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

ALLEY PAD DETAIL "DP"



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

ALLEY PAD DETAIL "DQ"



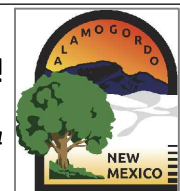
PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

DRIVE PAD DETAIL "DR"

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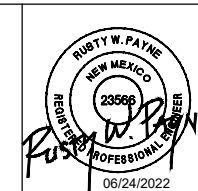
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ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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Public Works Bid No.: 2022-004

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Checked By: SMITH Approved By: COA

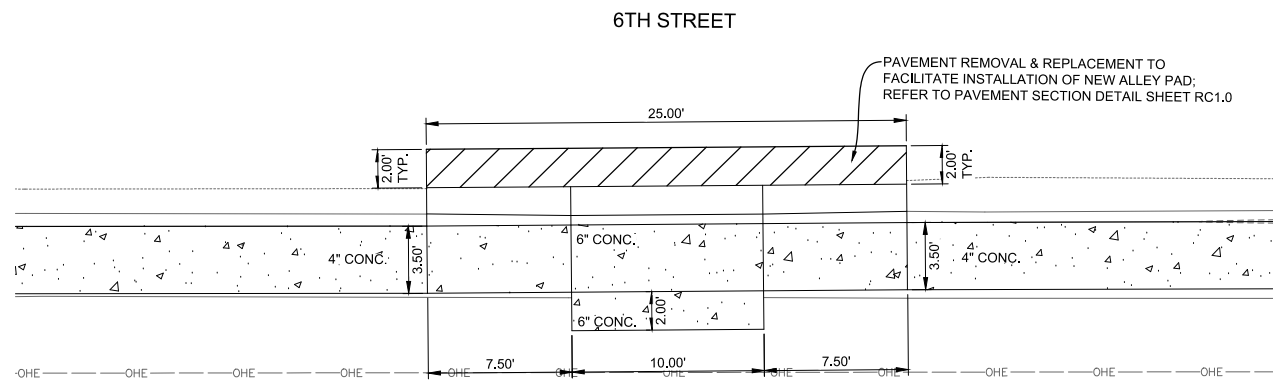
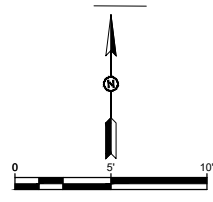
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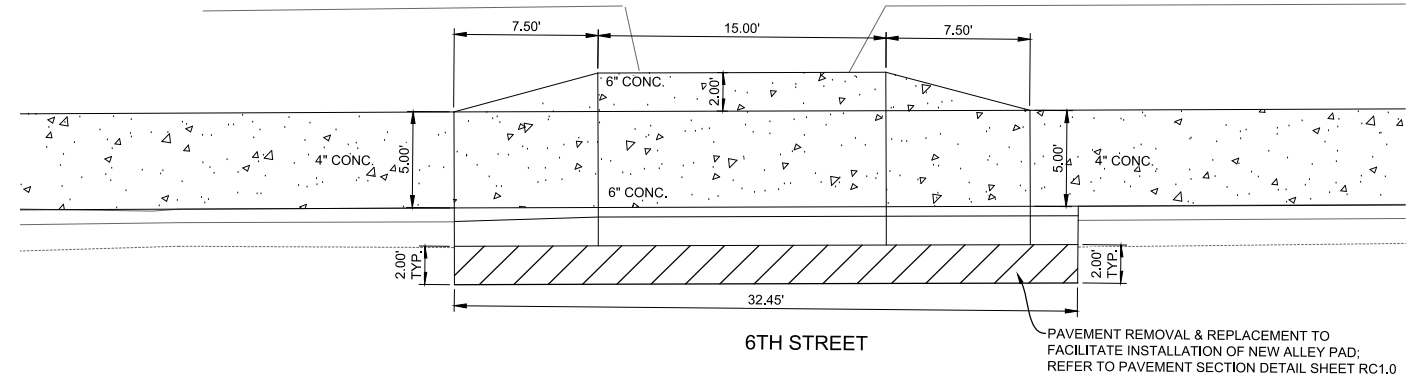
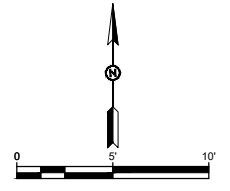
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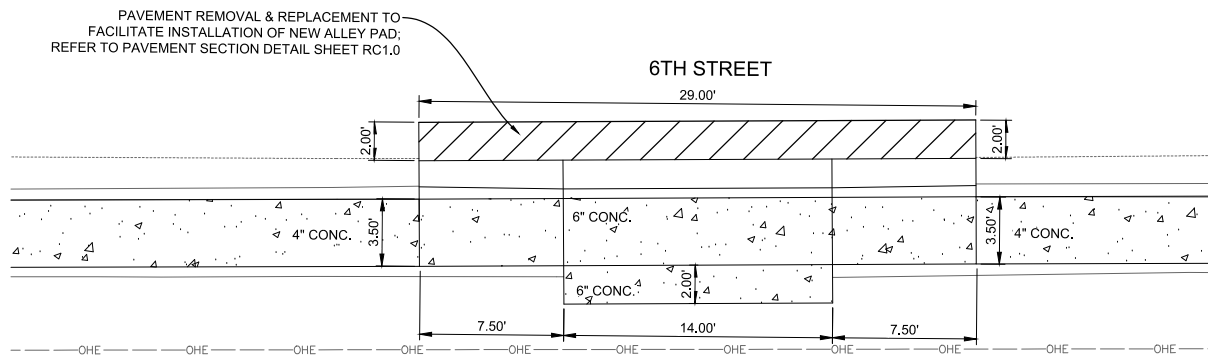
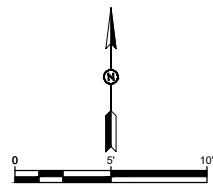
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DRIVE PAD DETAIL "DS"



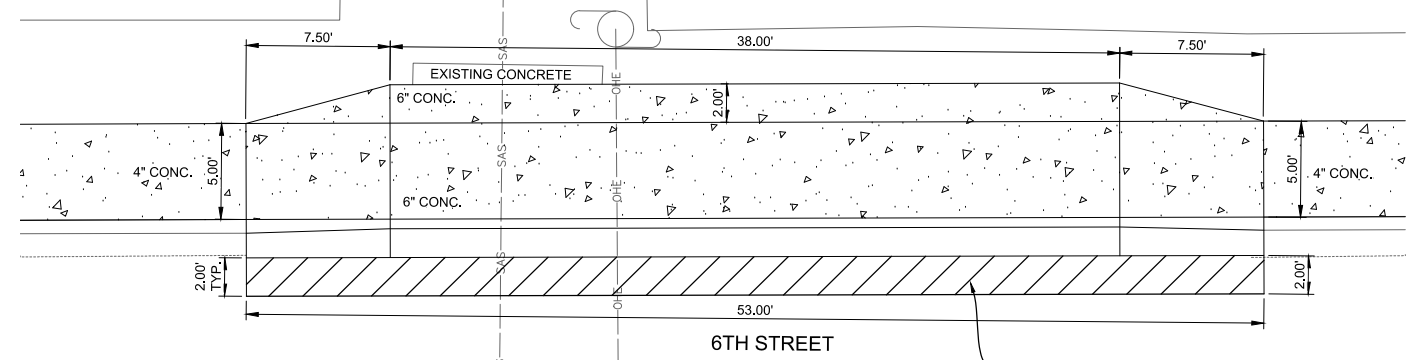
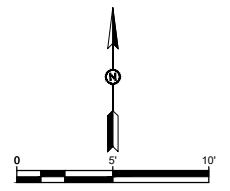
DRIVE PAD DETAIL "DT"



DRIVE PAD DETAIL "DU"

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DRIVE/ALLEY PAD DETAIL "DV"

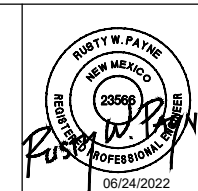
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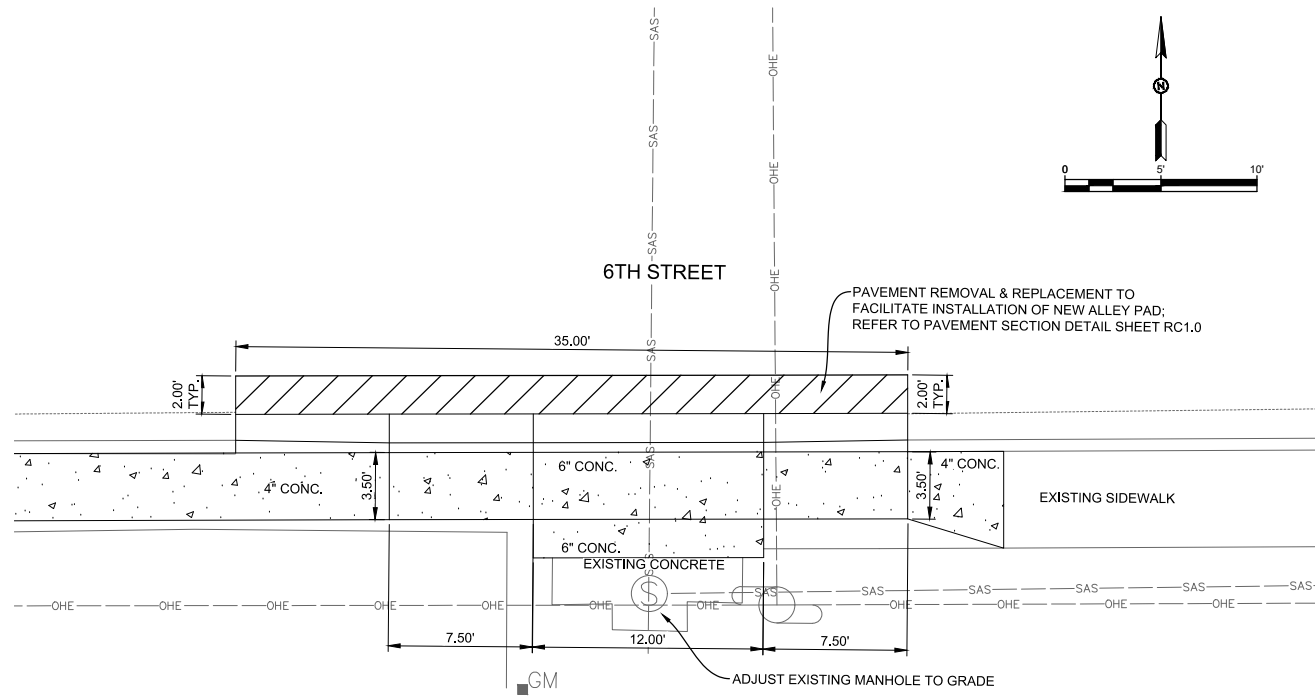
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ALLEY AND DRIVE PAD DETAIL
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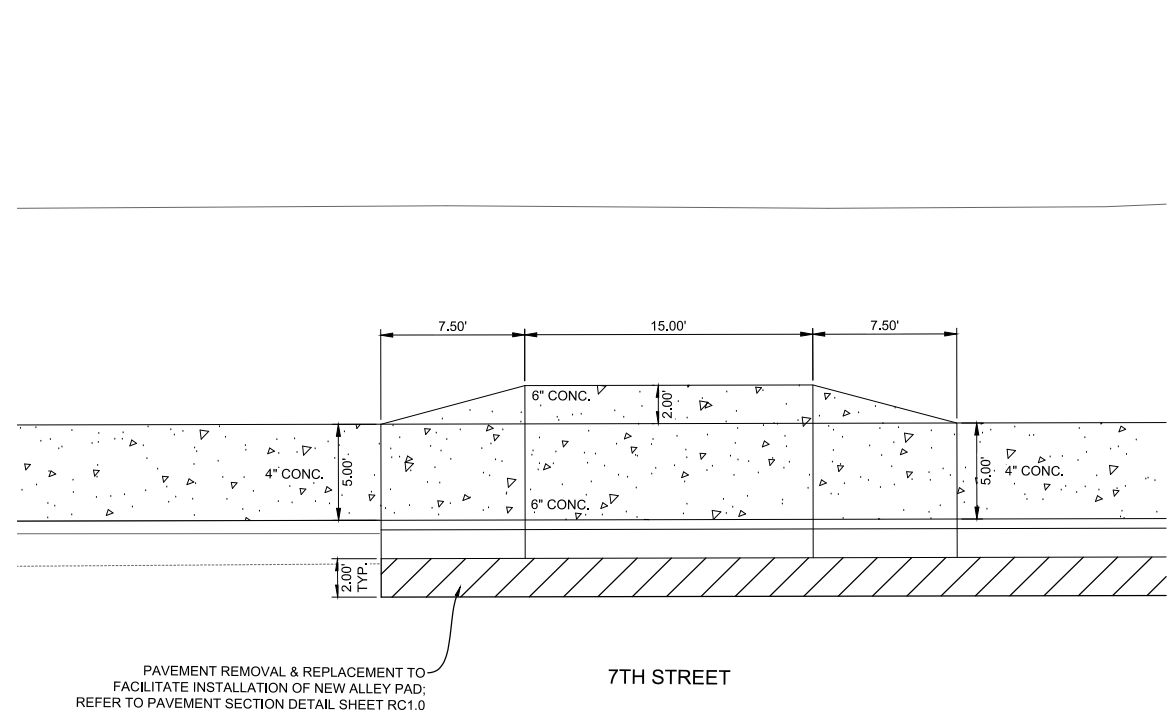
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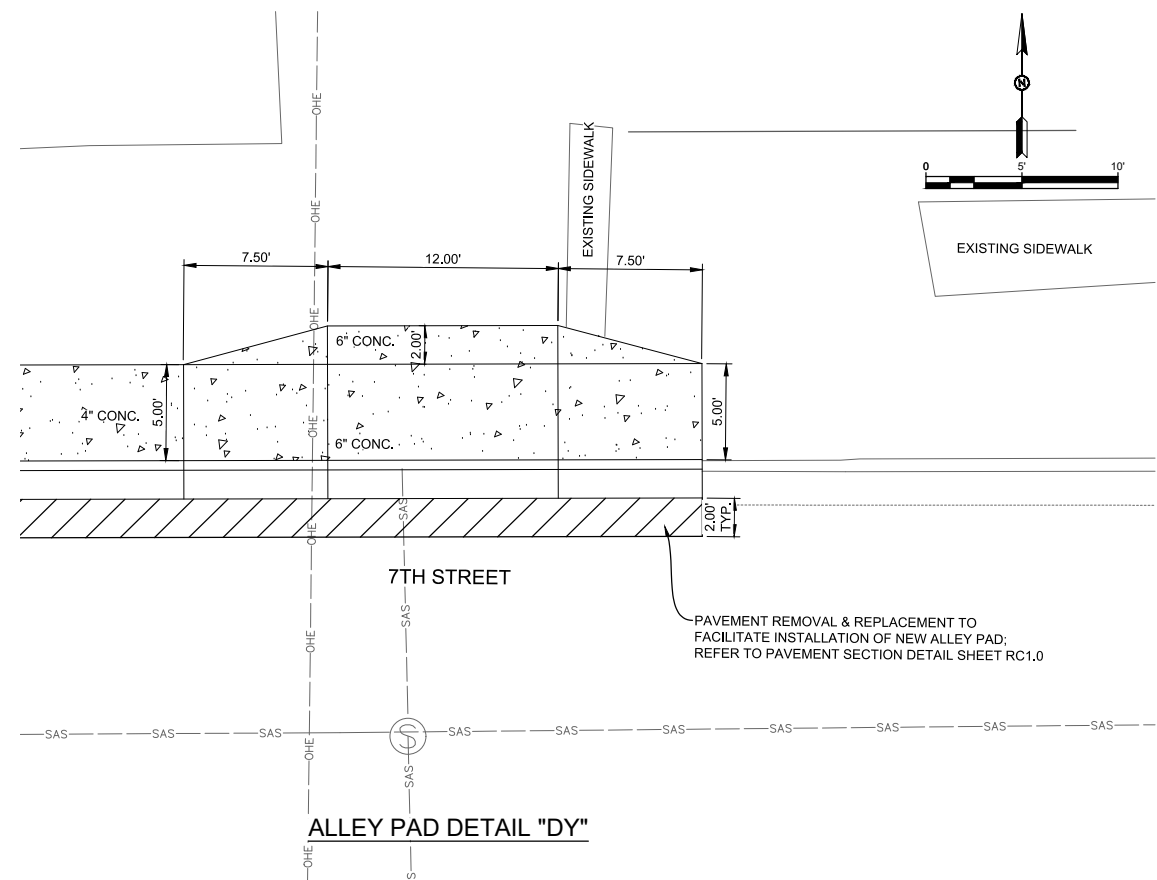
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ALLEY PAD DETAIL "DW"



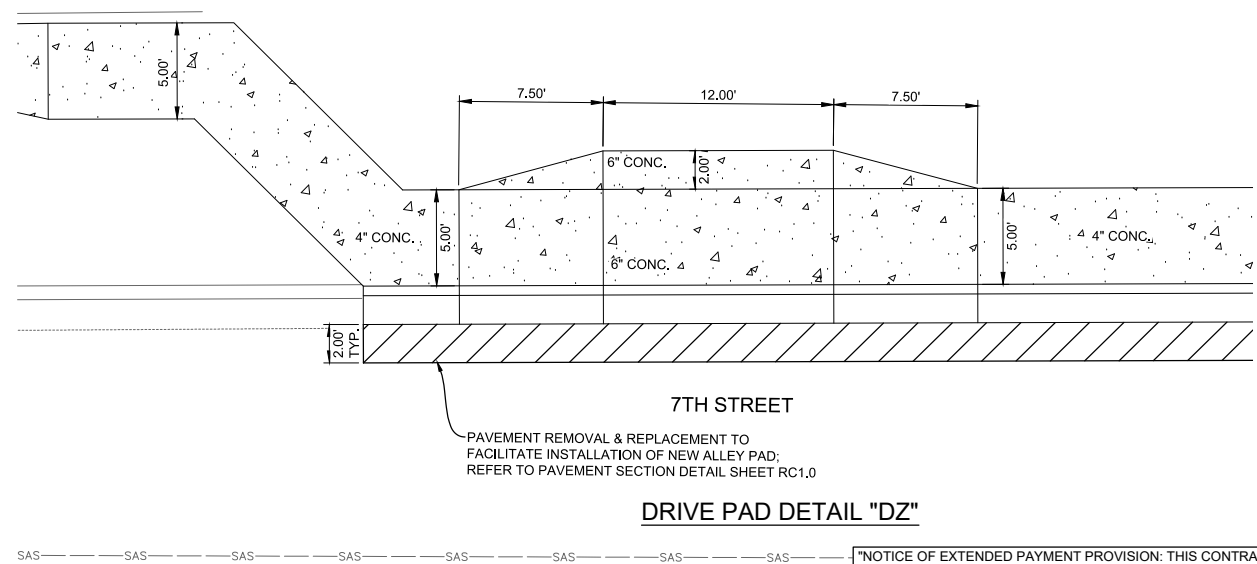
DRIVE PAD DETAIL "DX"



ALLEY PAD DETAIL "DY"

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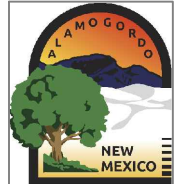


DRIVE PAD DETAIL "DZ"

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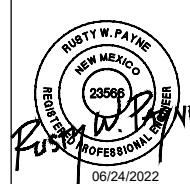
REV. No.	DATE	DESCRIPTION	APPROVED

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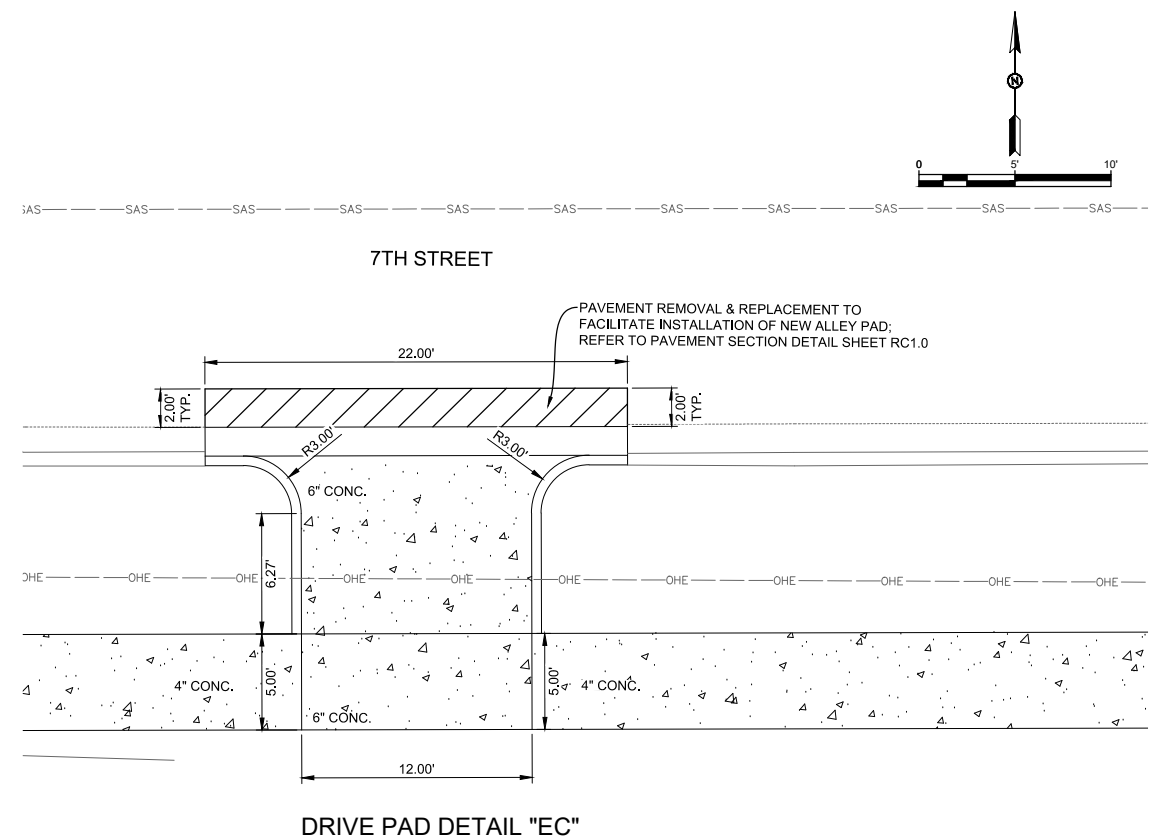
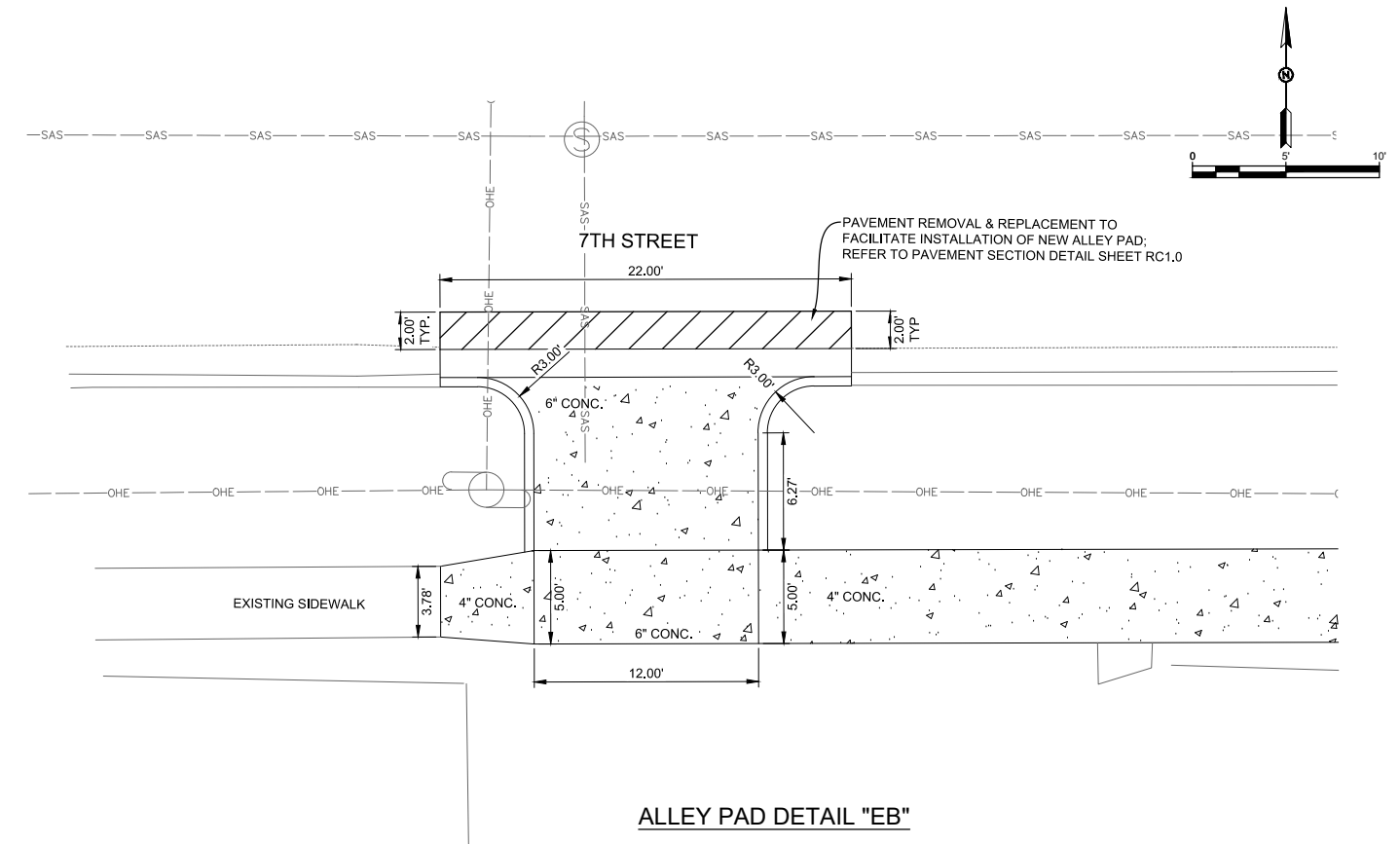
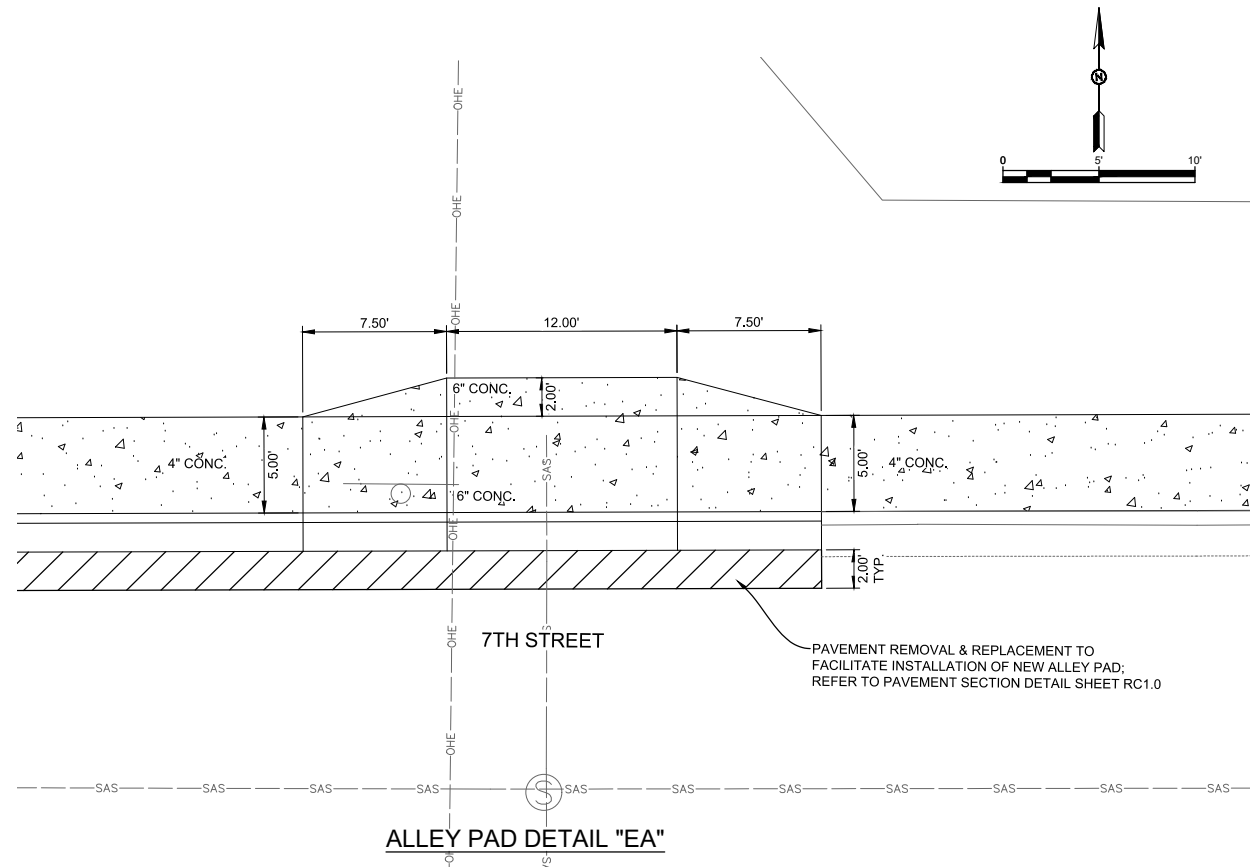
ADA Compliant Sidewalk Improvements

ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



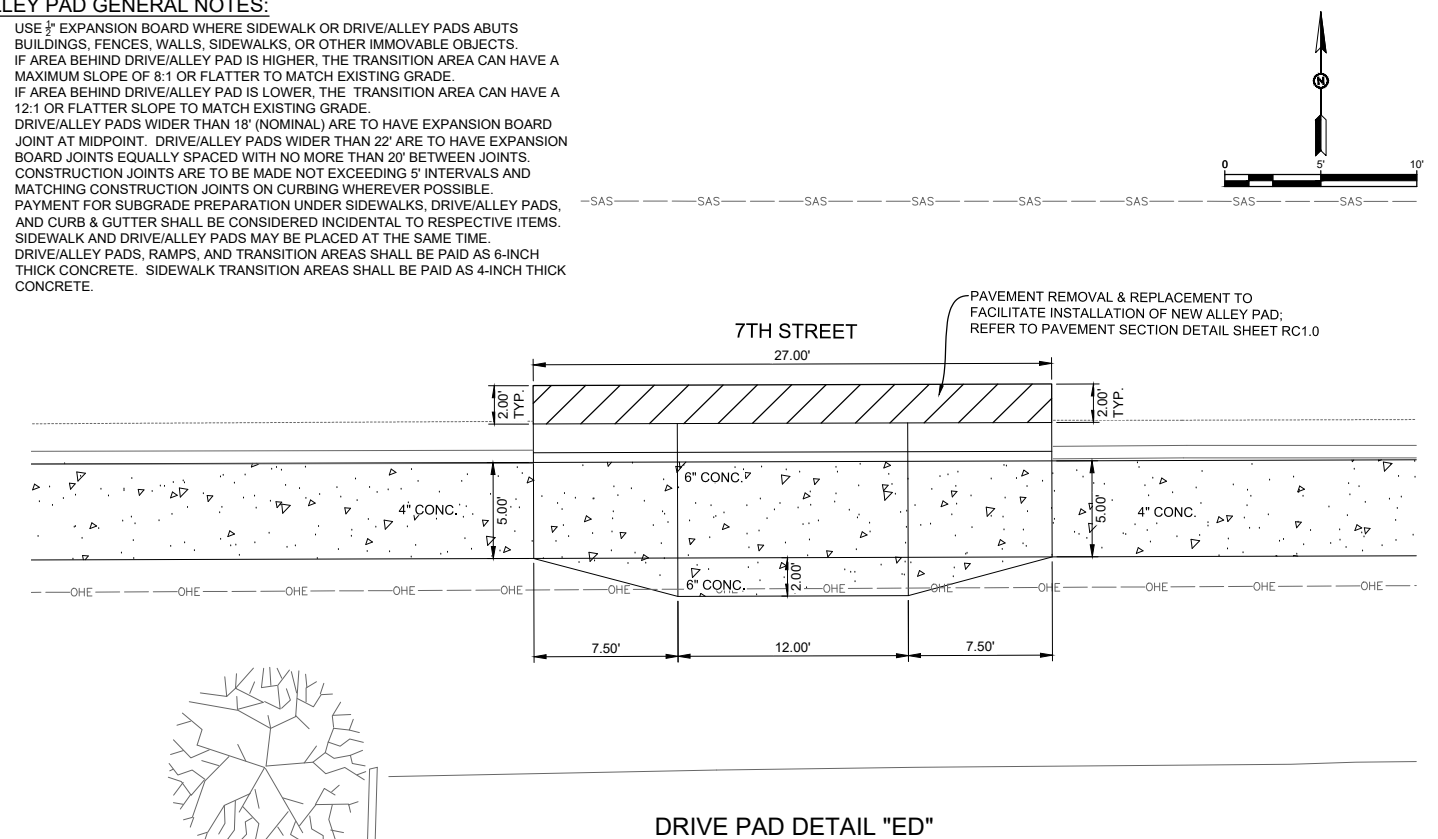
Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale:	HORIZ. BAR SCALE
	INCLUDE VERT SCALE ON P&P

Sheet No.:	RC42.0
Sheet 48 of 91	
19-C-NR-I-01-G-18	



ALLEY PAD GENERAL NOTES:

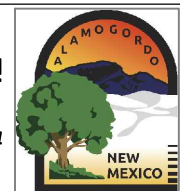
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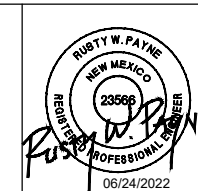
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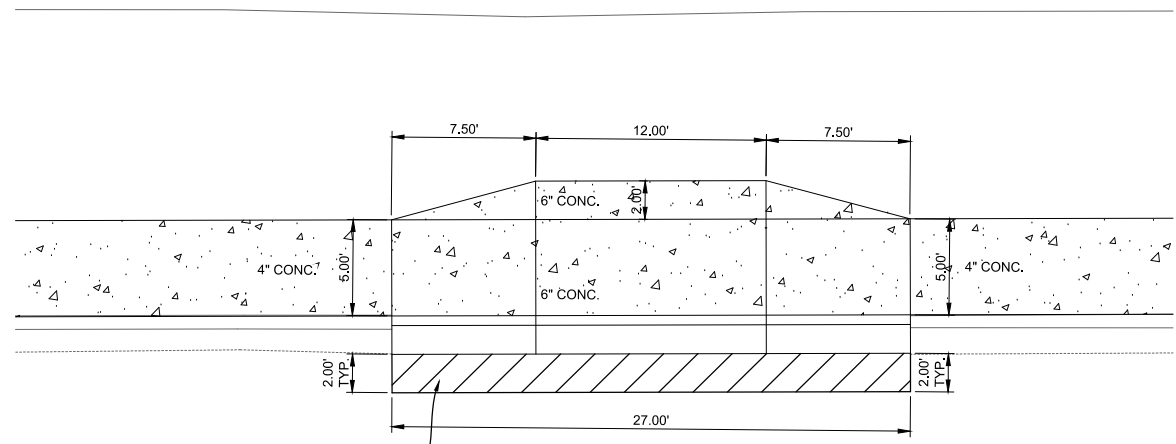
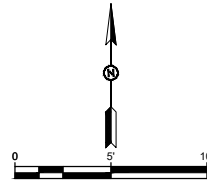
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ALLEY AND DRIVE PAD DETAIL
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Drawn By: SMITH	Designed By: SMITH
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Scale: HORIZ. BAR SCALE	Sheet 49 of 91
INCLUDE VERT SCALE ON P&P	
	19-C-NR-I-01-G-18

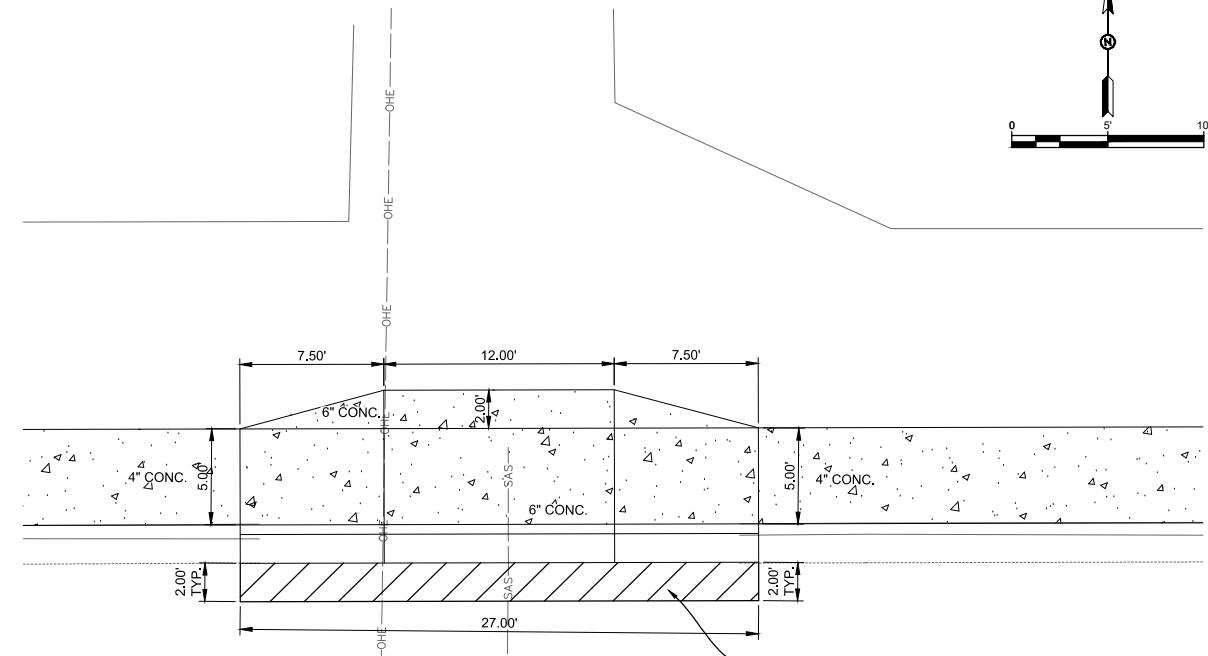
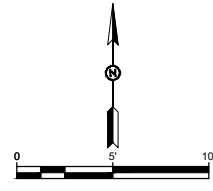
RC43.0



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

7TH STREET

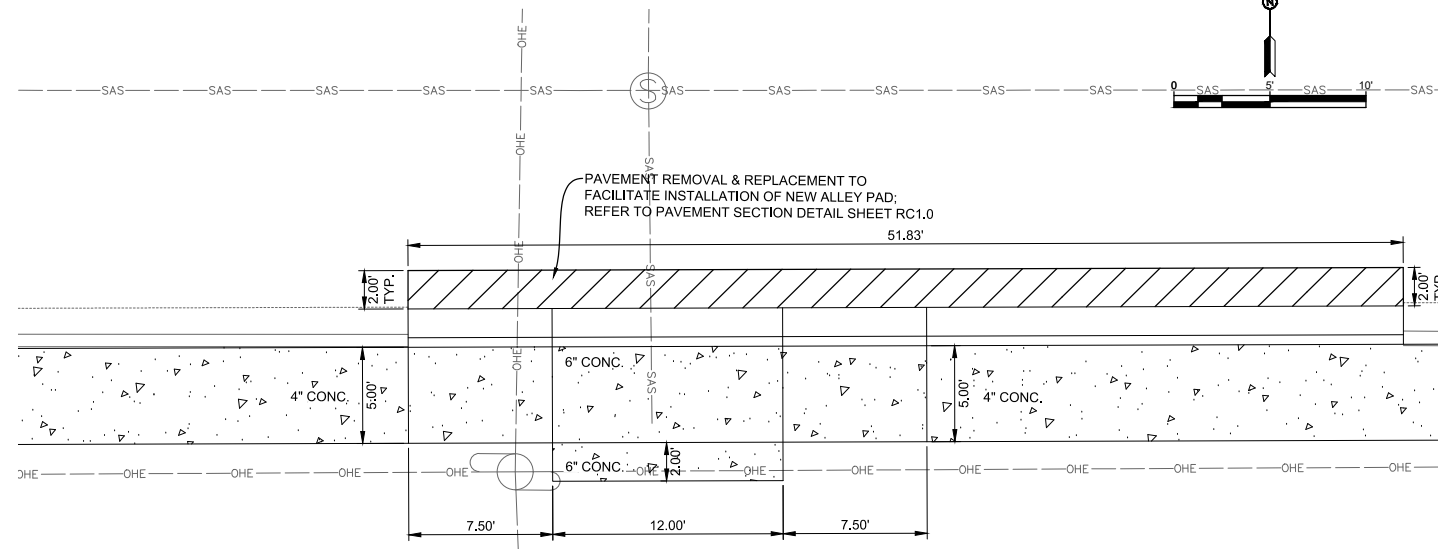
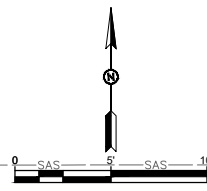
DRIVE PAD DETAIL "EE"



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

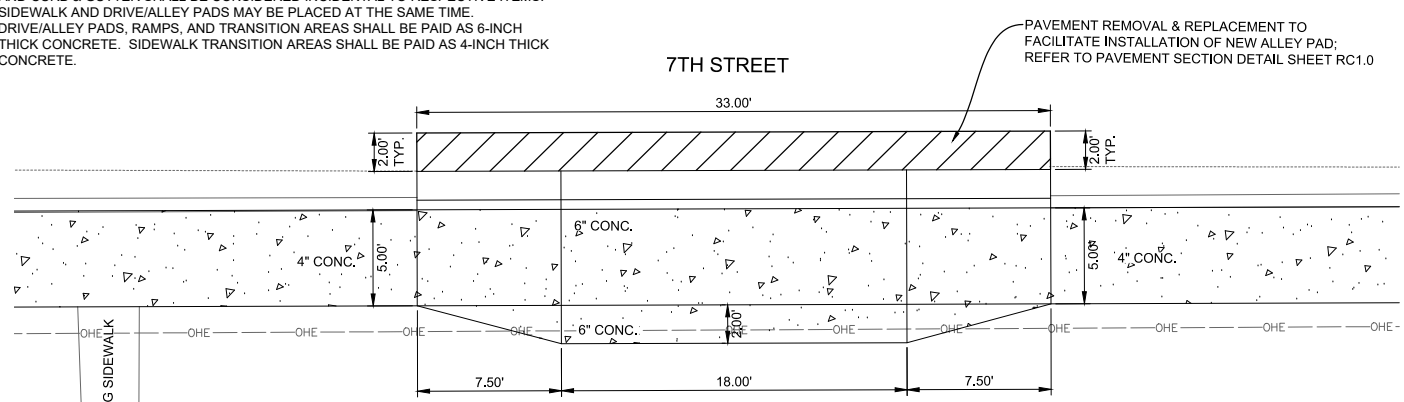
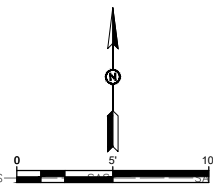
7TH STREET

ALLEY PAD DETAIL "EF"



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

ALLEY PAD DETAIL "EG"



PAVEMENT REMOVAL & REPLACEMENT TO FACILITATE INSTALLATION OF NEW ALLEY PAD; REFER TO PAVEMENT SECTION DETAIL SHEET RC1.0

7TH STREET

DRIVE PAD DETAIL "EH"

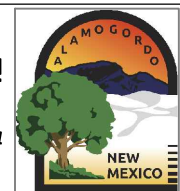
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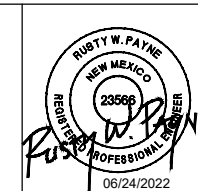
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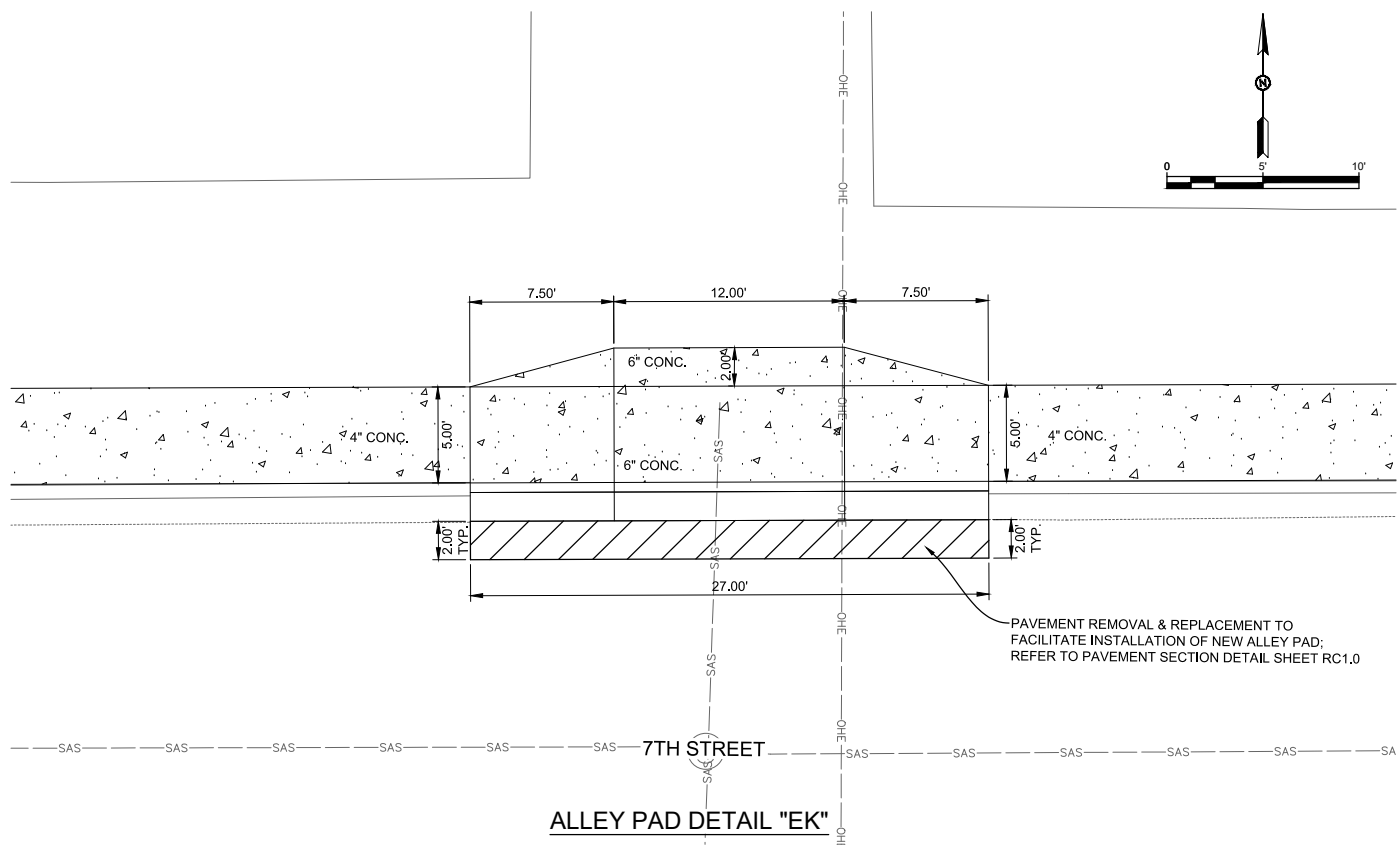
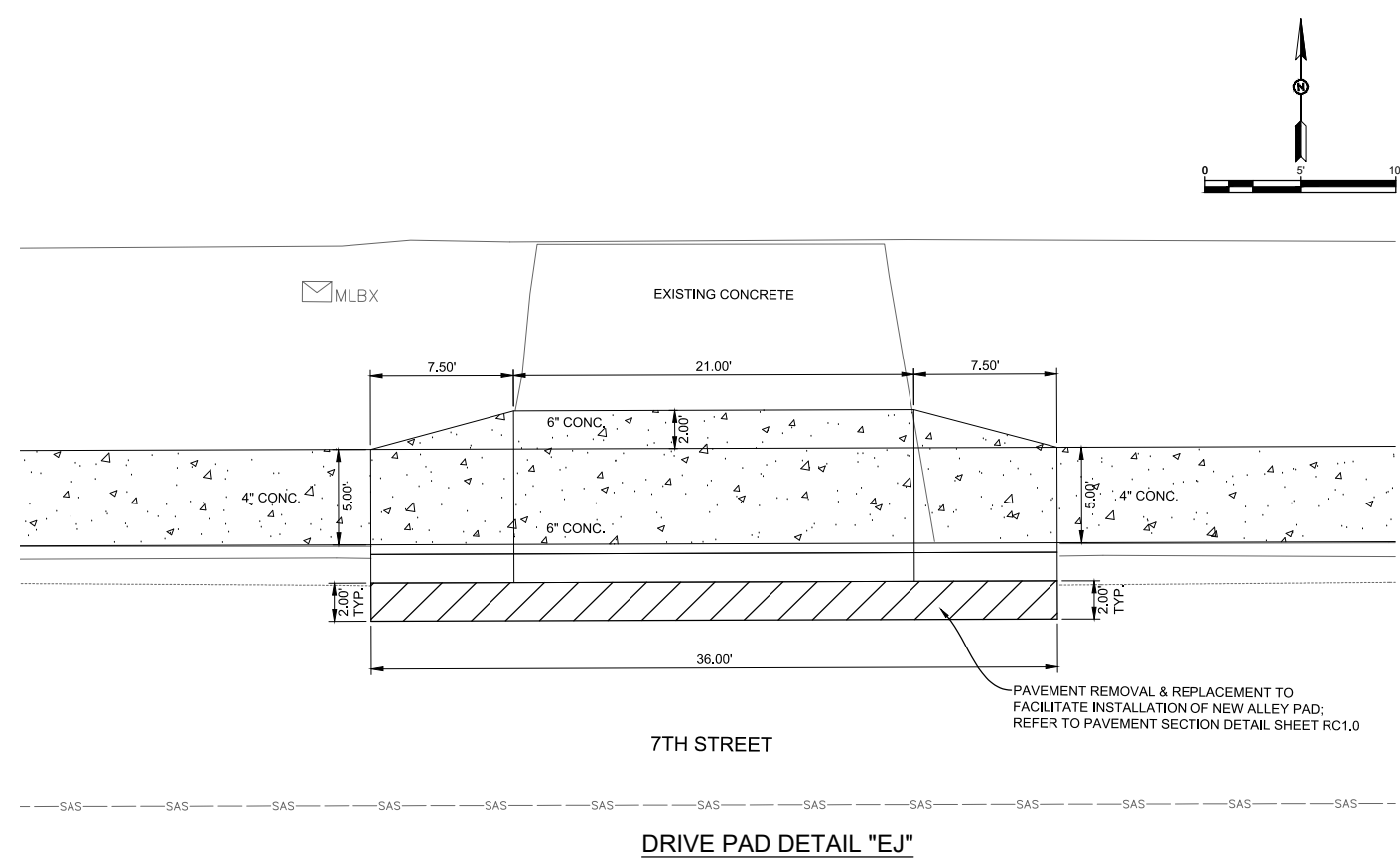
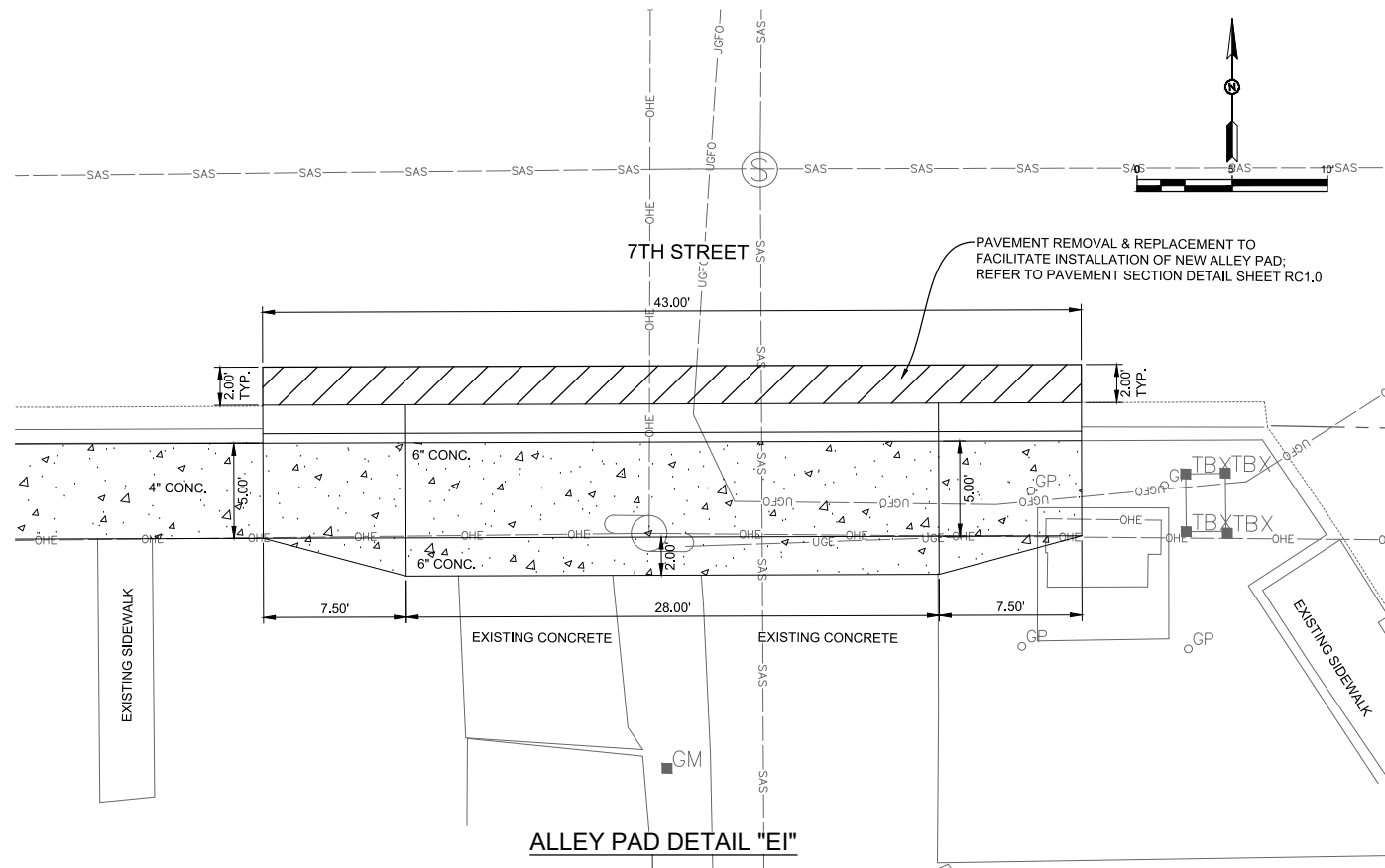
ALLEY AND DRIVE PAD DETAIL
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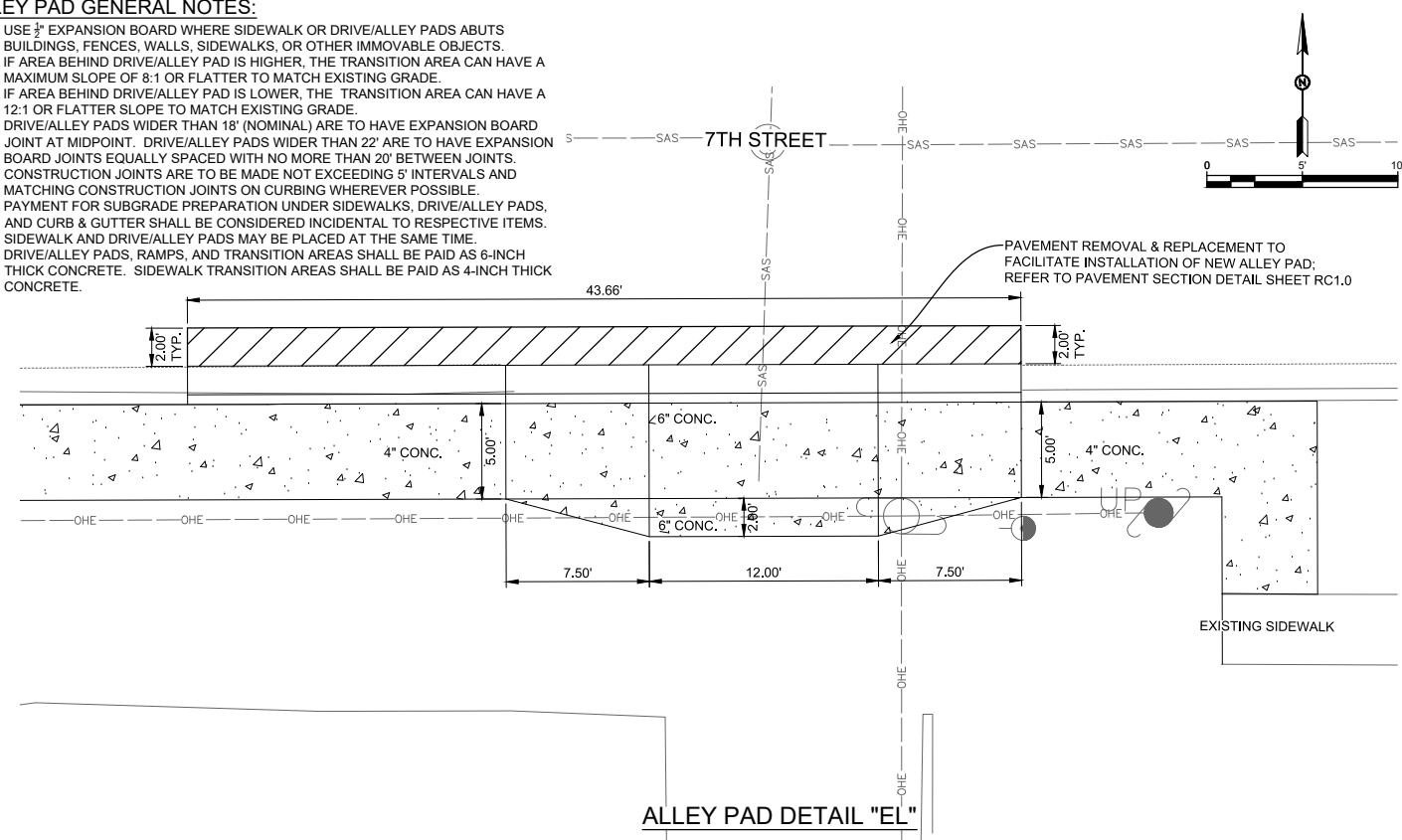
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Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 50 of 91
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RC44.0



ALLEY PAD GENERAL NOTES:

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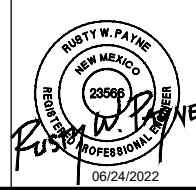
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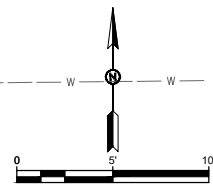
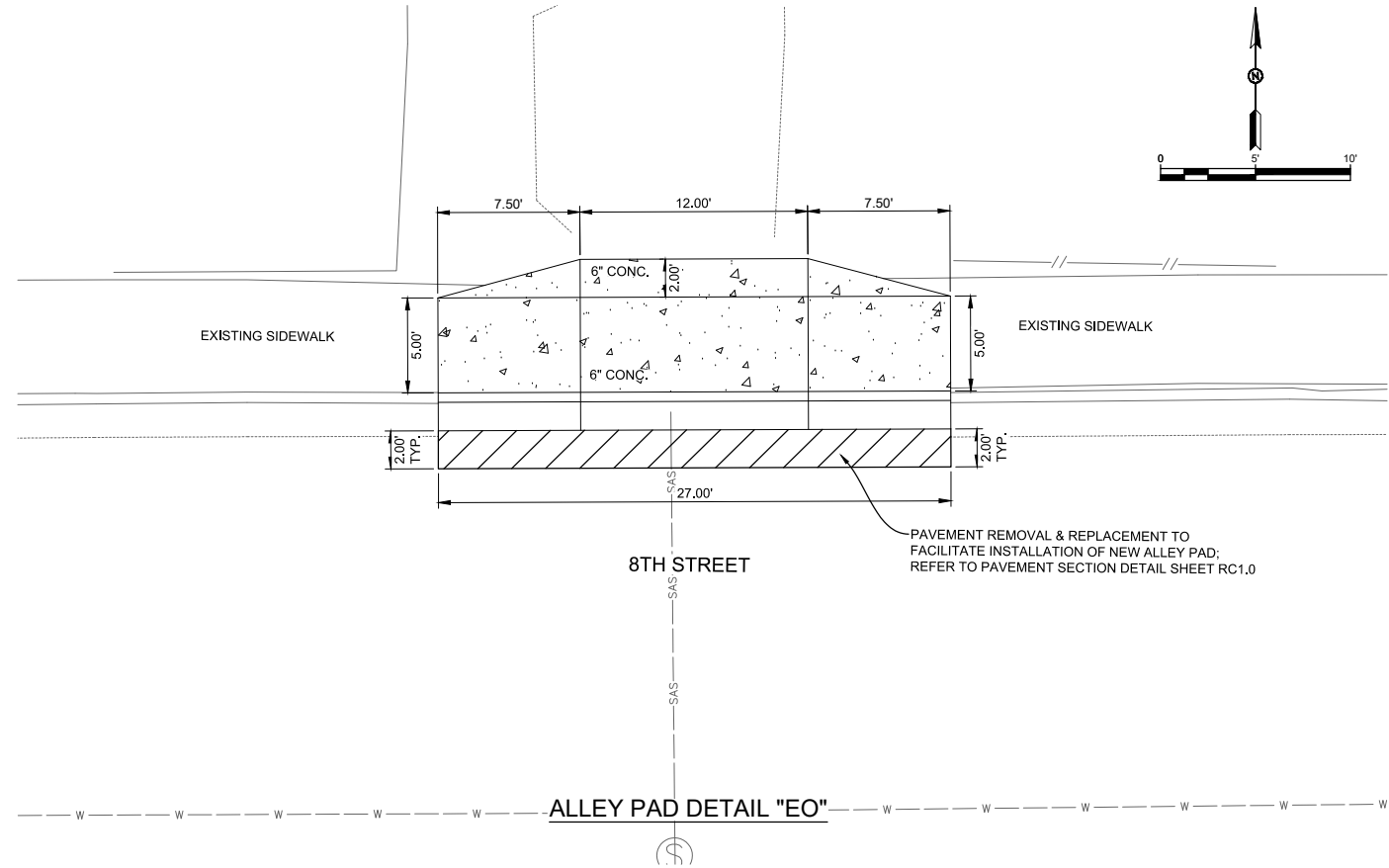
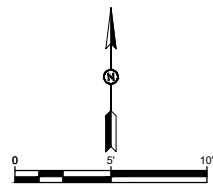
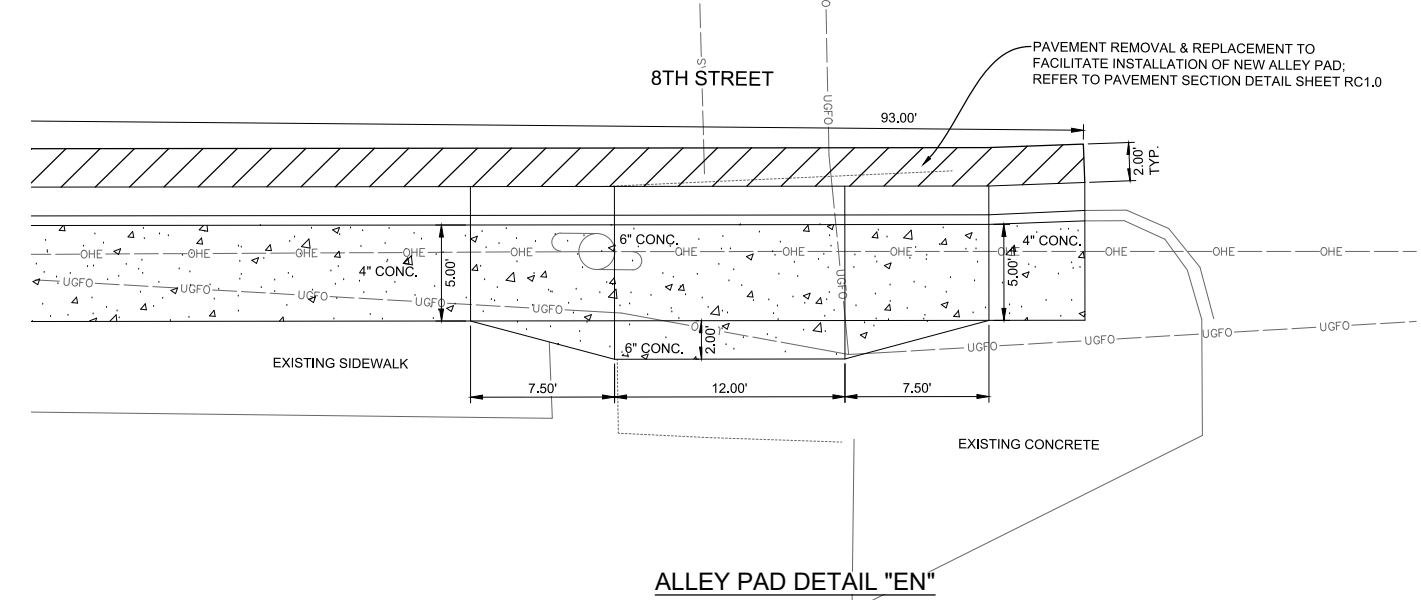
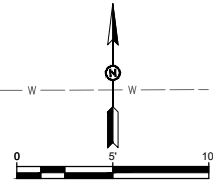
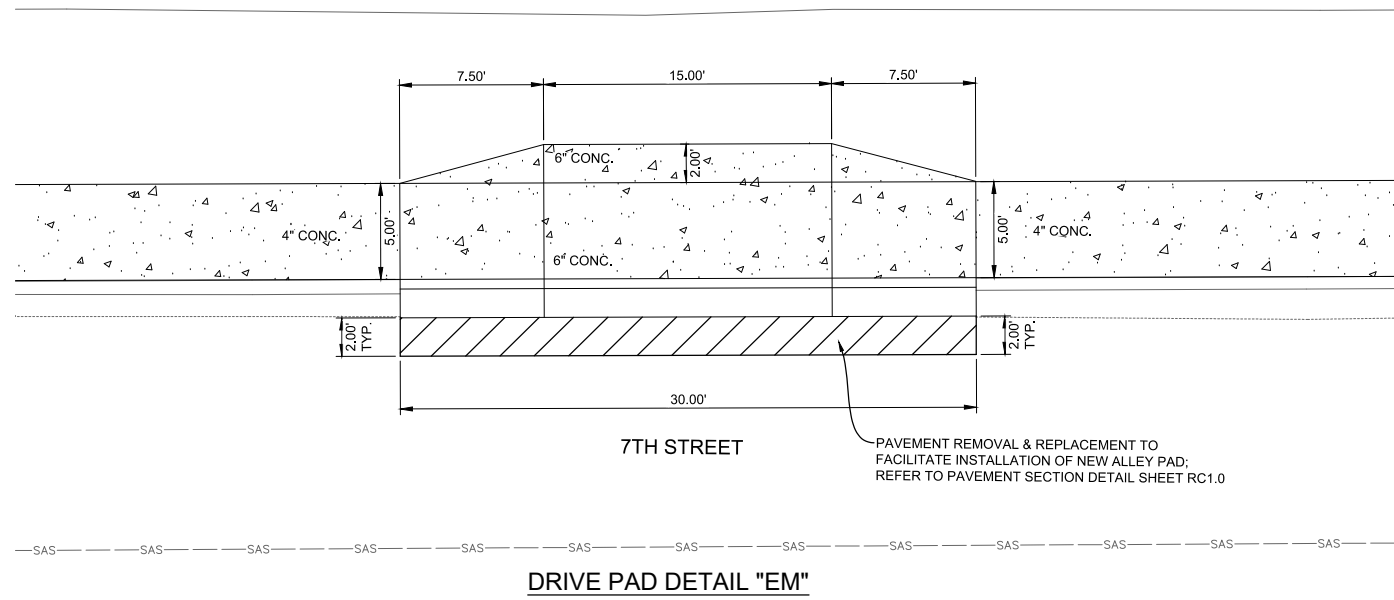
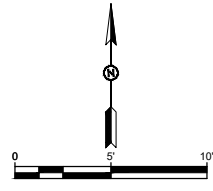
ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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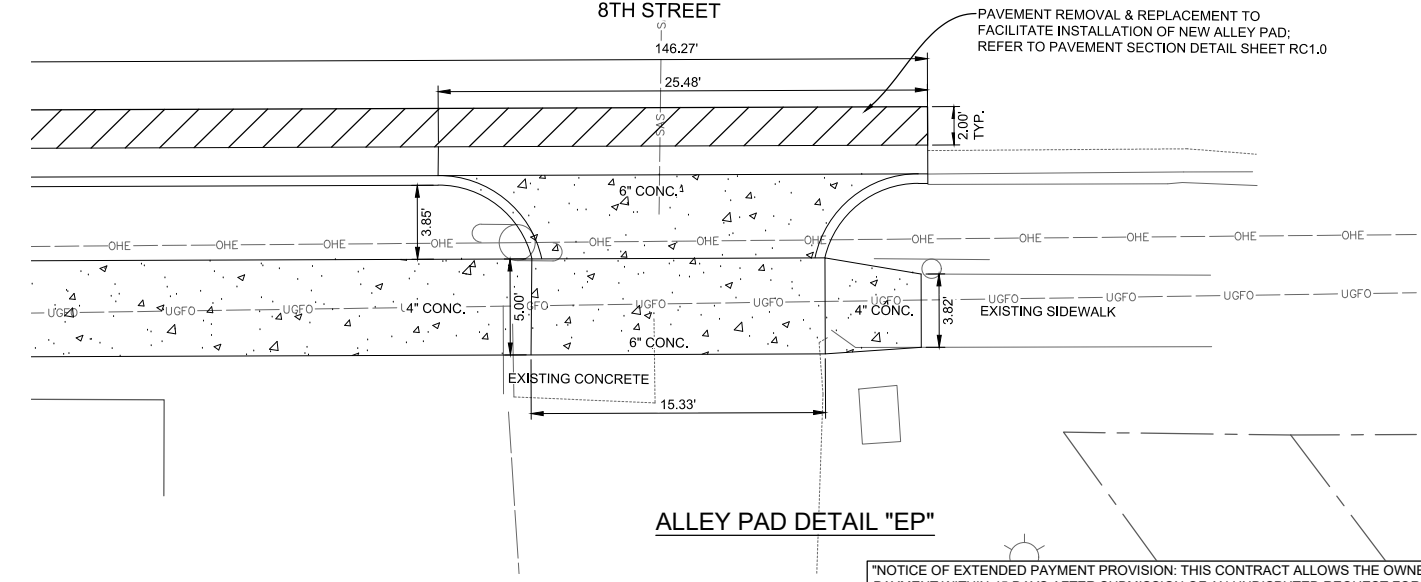
Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE	Sheet 51 of 91
INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18

RC45.0



ALLEY PAD GENERAL NOTES:

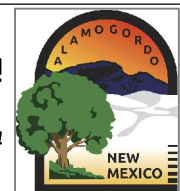
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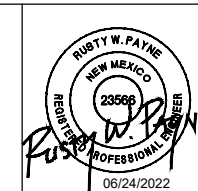
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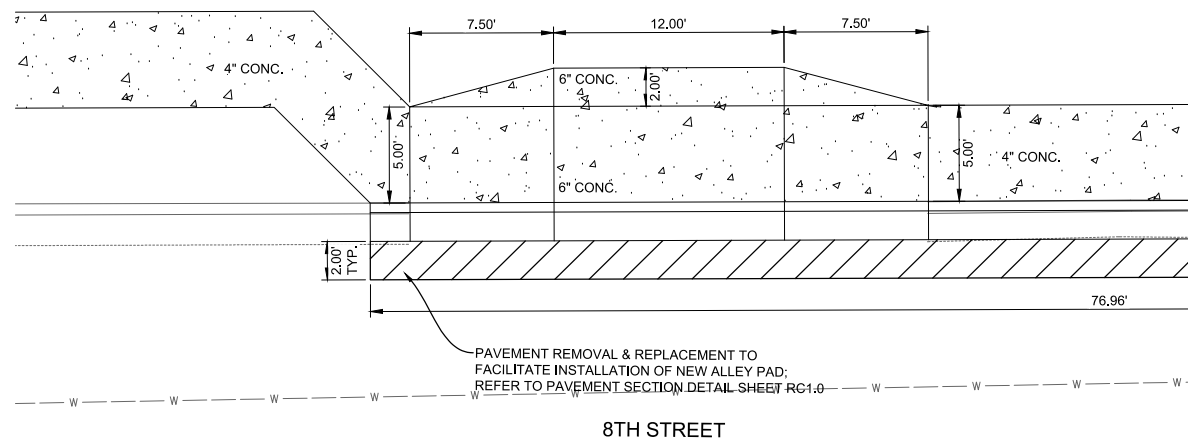
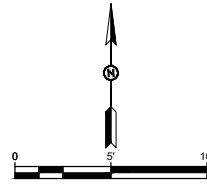
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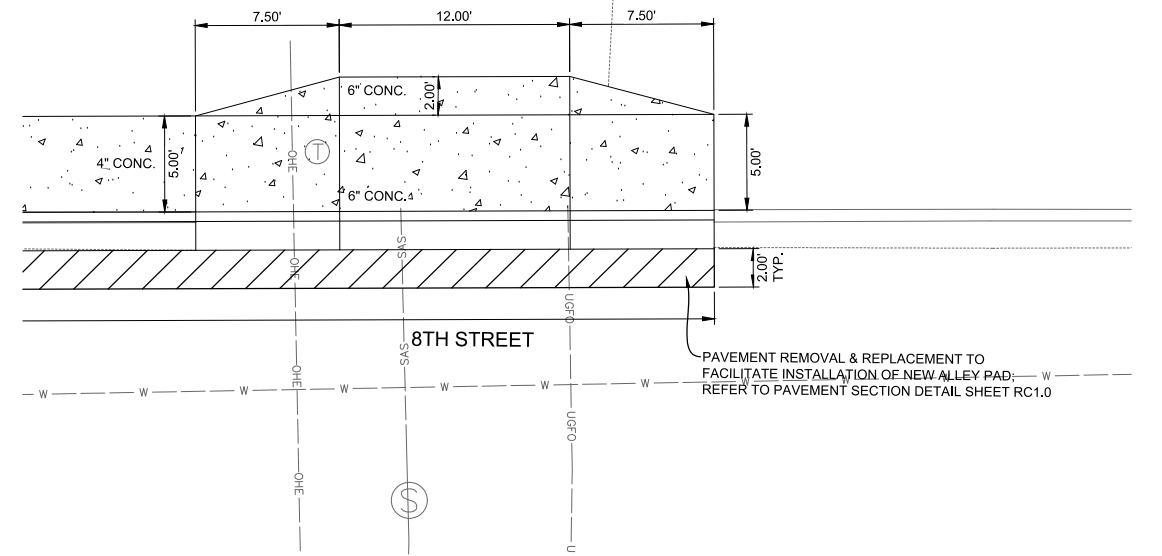
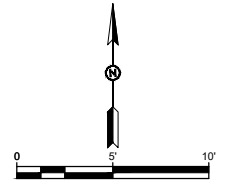
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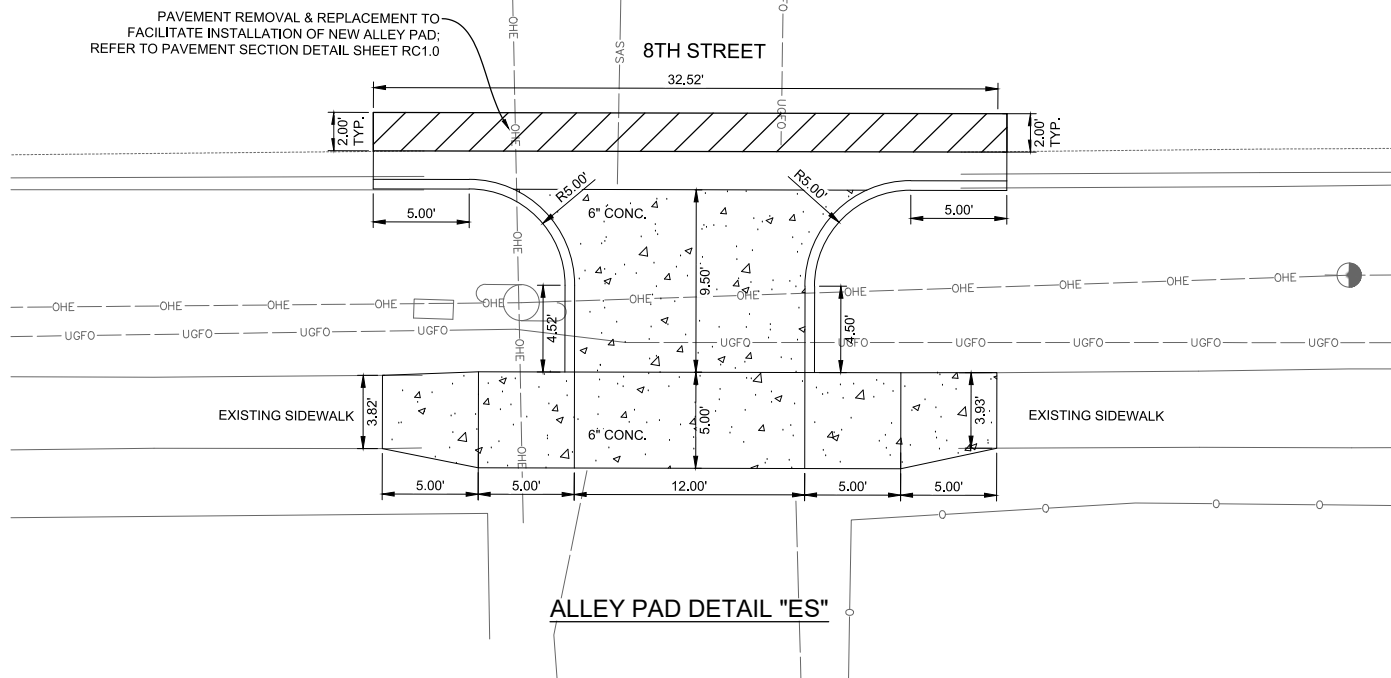
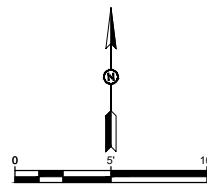
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 19-C-NR-I-01-G-18



8TH STREET
DRIVE PAD DETAIL "EQ"



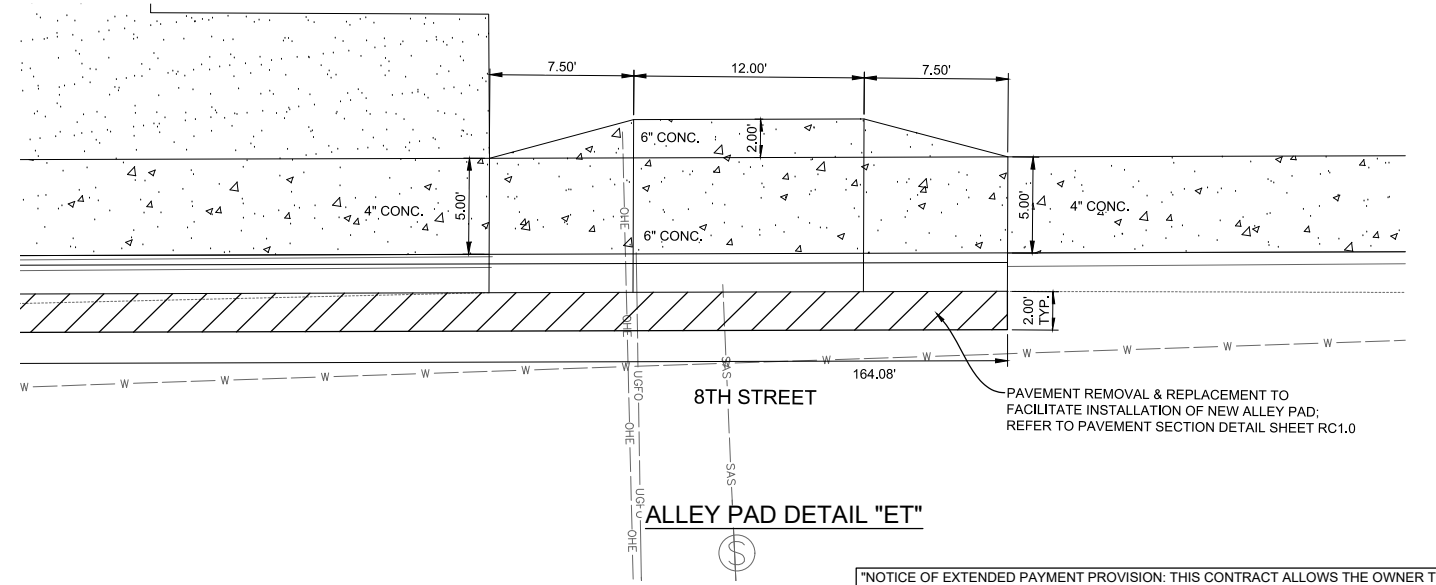
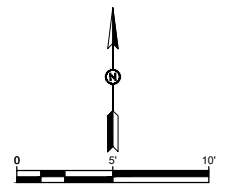
ALLEY PAD DETAIL "ER"



ALLEY PAD DETAIL "ES"

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ALLEY PAD DETAIL "ET"

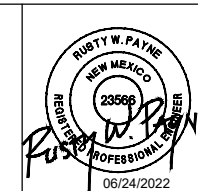
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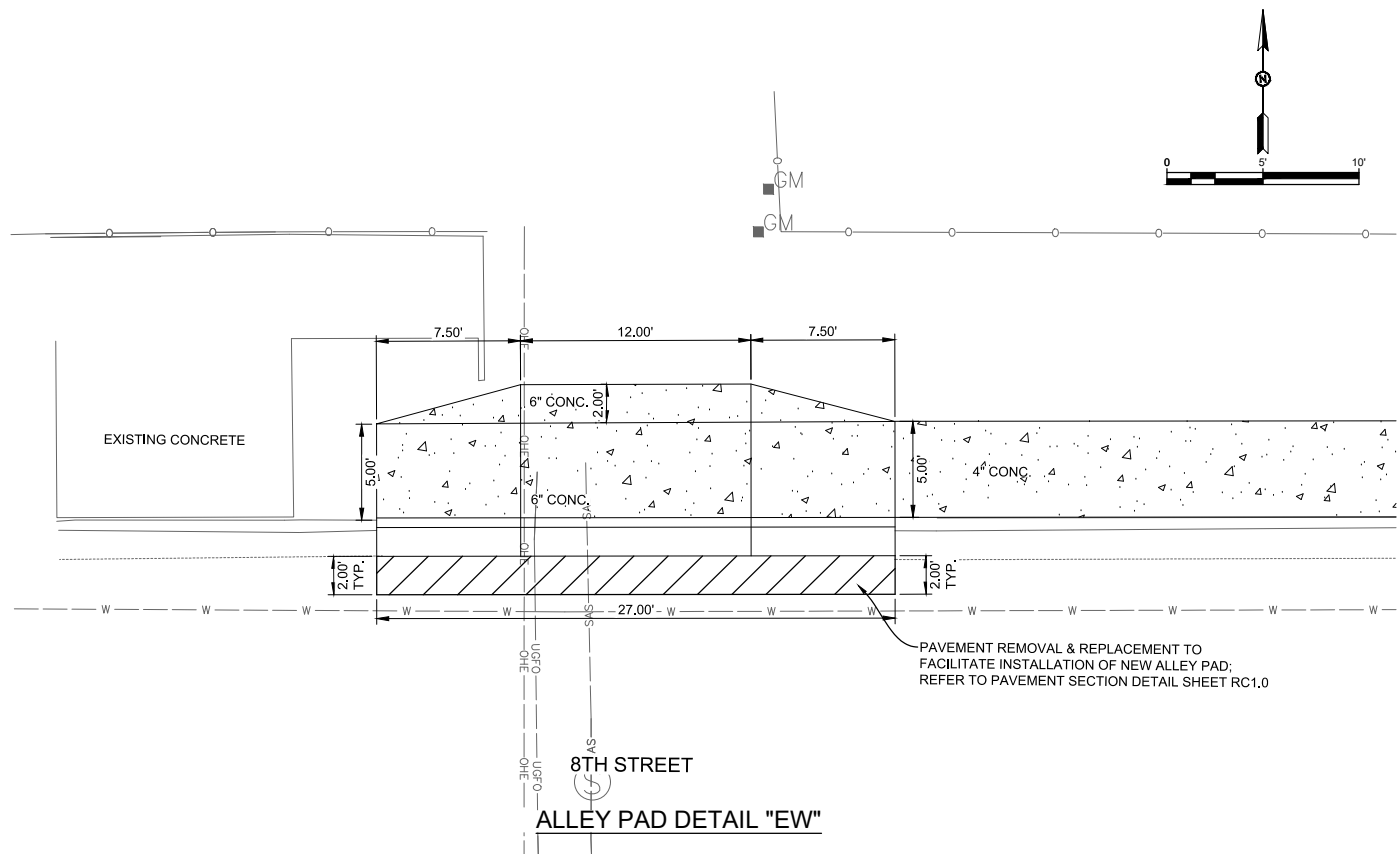
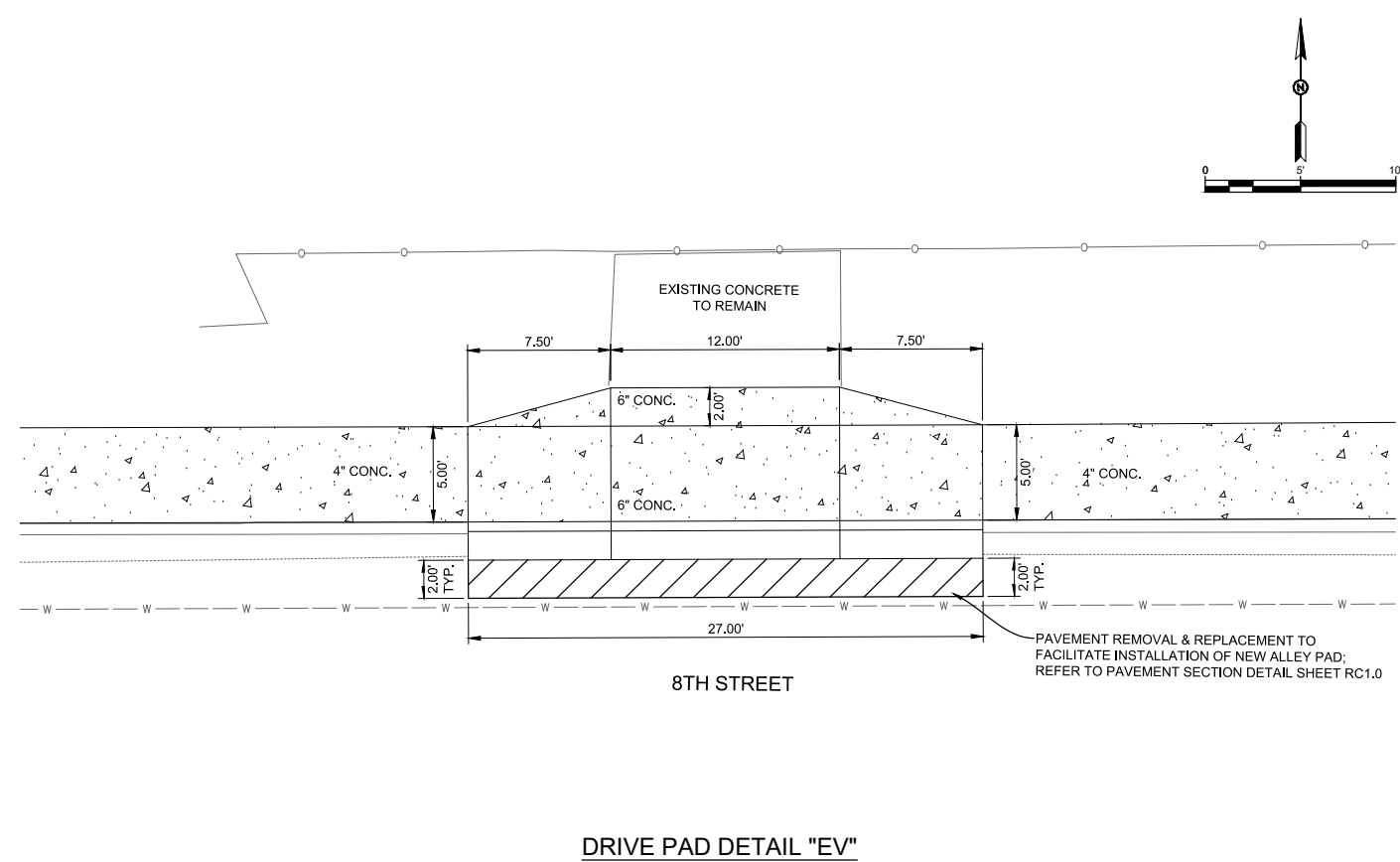
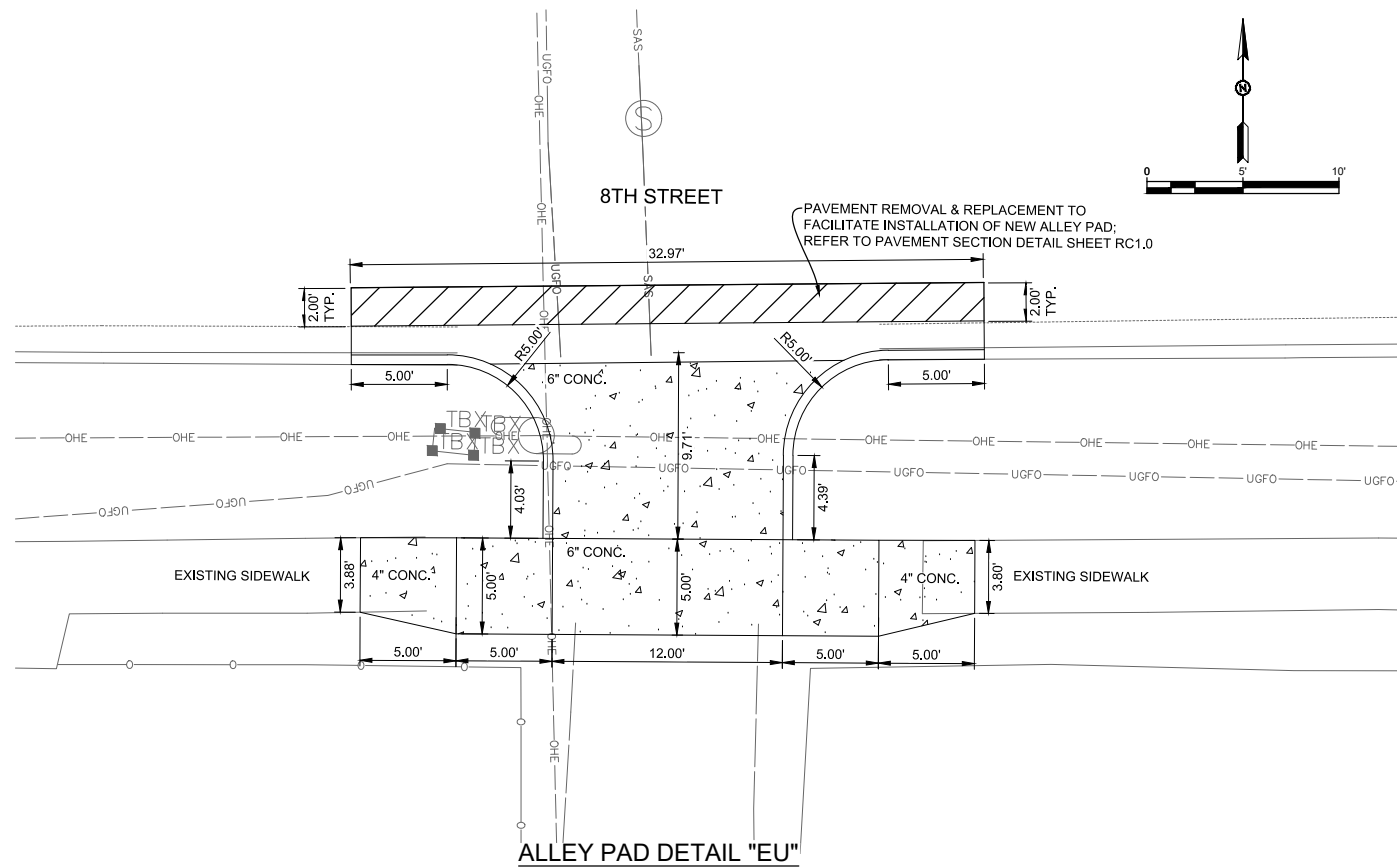
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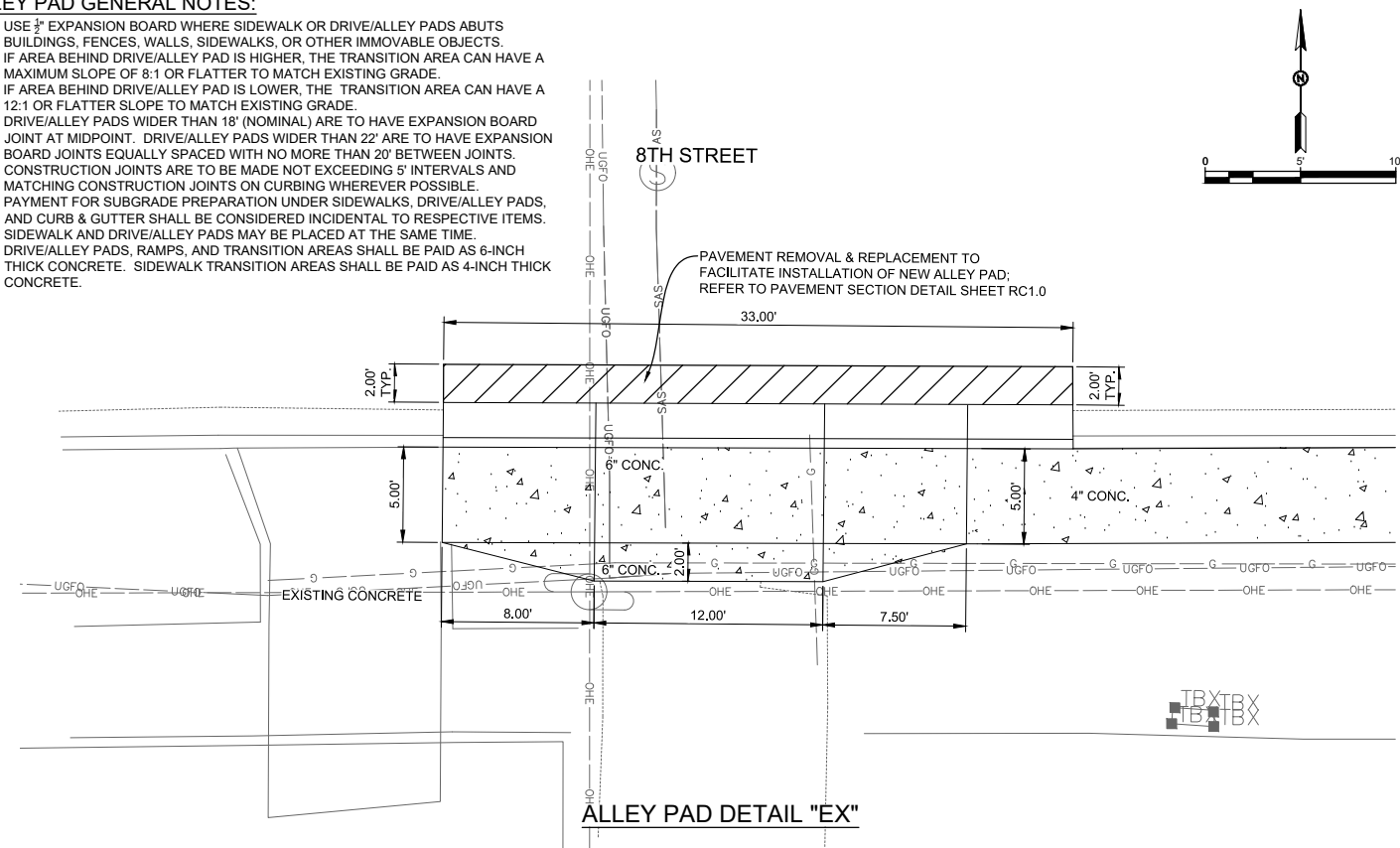
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RC47.0



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3. IF AREA BEHIND DRIVE/ALLEY PAD IS LOWER, THE TRANSITION AREA CAN HAVE A 12:1 OR FLATTER SLOPE TO MATCH EXISTING GRADE.
4. DRIVE/ALLEY PADS WIDER THAN 18' (NOMINAL) ARE TO HAVE EXPANSION BOARD JOINT AT MIDPOINT. DRIVE/ALLEY PADS WIDER THAN 22' ARE TO HAVE EXPANSION BOARD JOINTS EQUALLY SPACED WITH NO MORE THAN 20' BETWEEN JOINTS. CONSTRUCTION JOINTS ARE TO BE MADE NOT EXCEEDING 5' INTERVALS AND MATCHING CONSTRUCTION JOINTS ON CURBING WHEREVER POSSIBLE.
5. PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS, DRIVE/ALLEY PADS, AND CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO RESPECTIVE ITEMS.
6. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
7. DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONCRETE. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONCRETE.



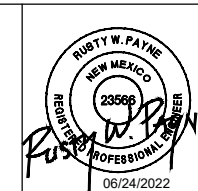
"NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT."

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention

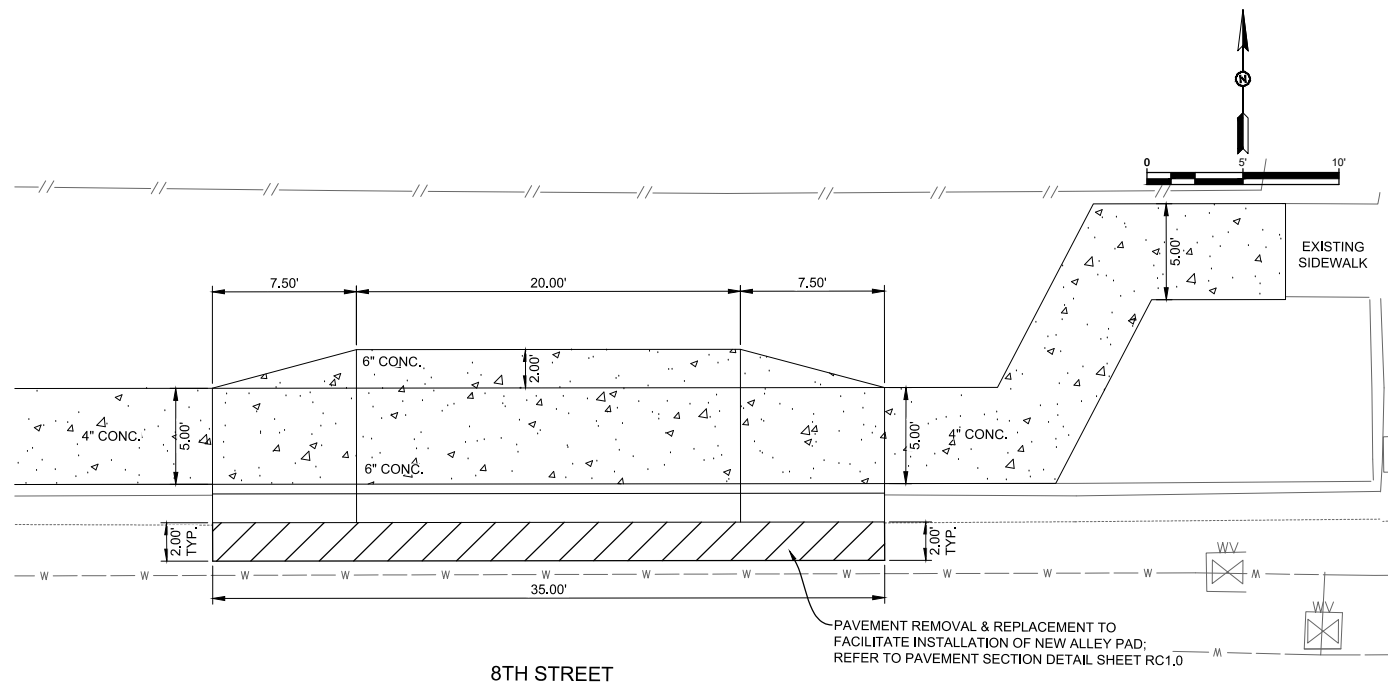


ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



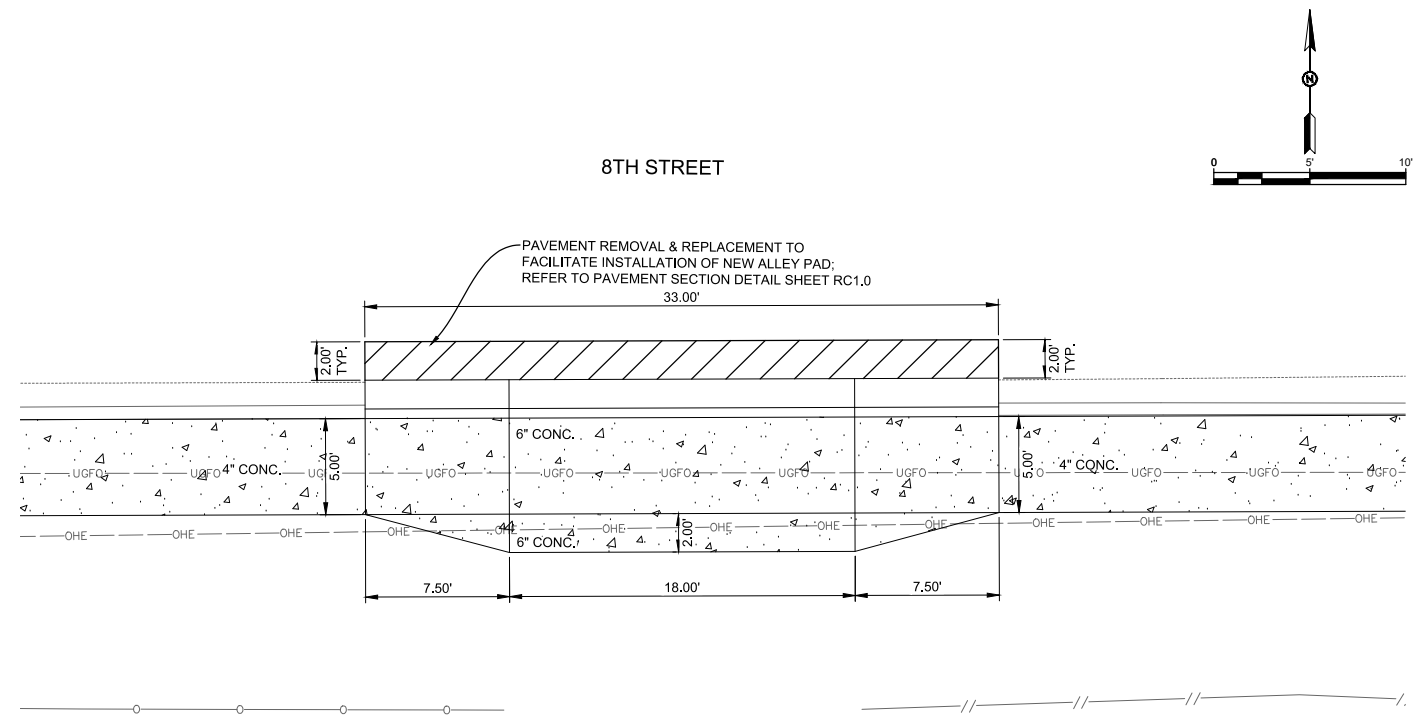
SMITH ENGINEERING
 Solutions for Today... Vision for Tomorrow
 201 N Church Street Suite 200A Las Cruces, NM 89001 Phone: 575-523-2395 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.: RC48.0
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE	Sheet 54 of 91
INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18



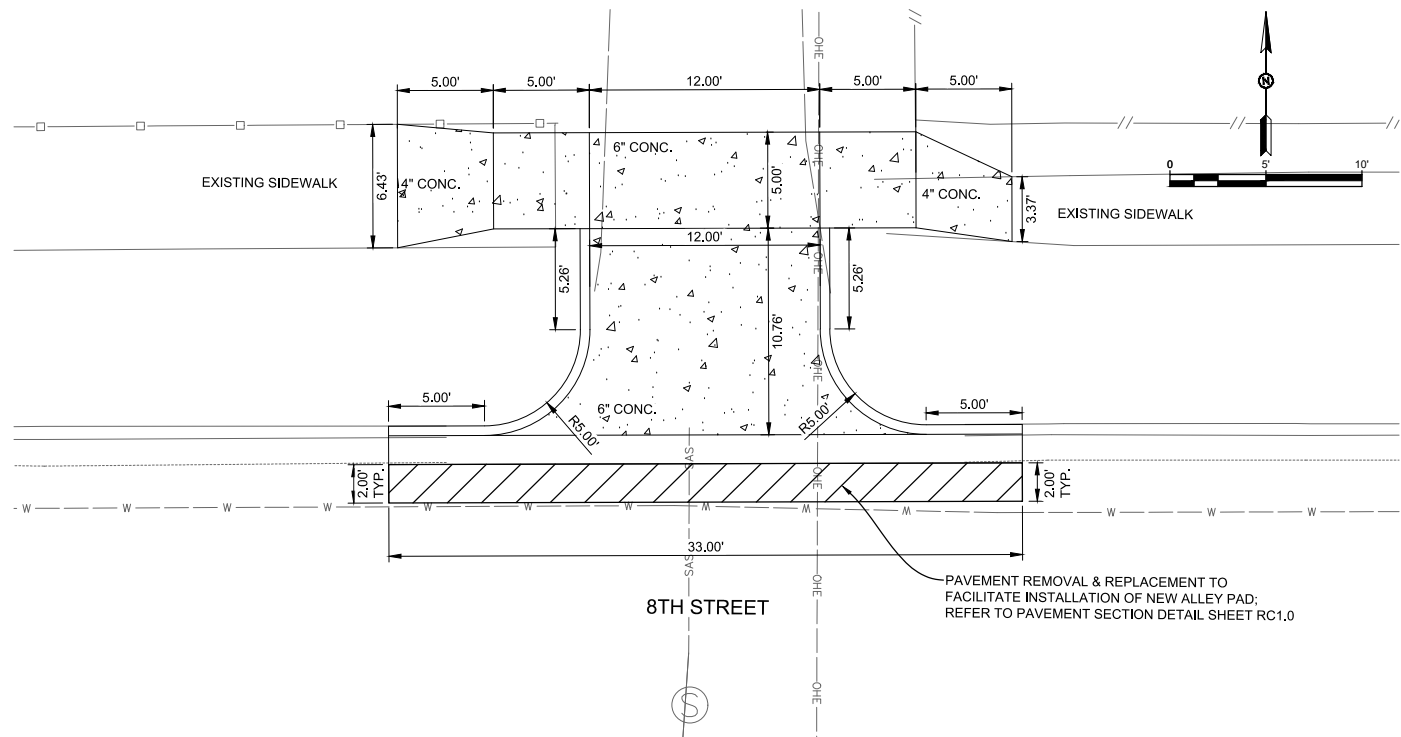
8TH STREET

DRIVE PAD DETAIL "EY"



8TH STREET

DRIVE PAD DETAIL "EZ"

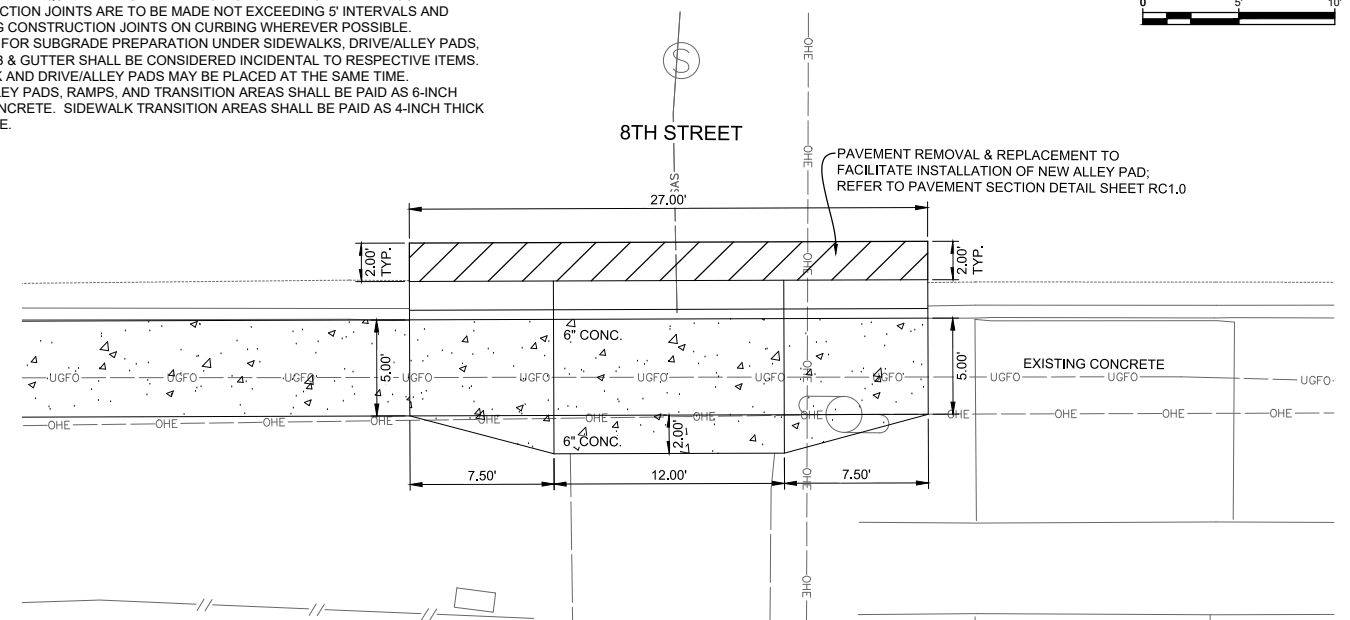


8TH STREET

ALLEY PAD DETAIL "FA"

ALLEY PAD GENERAL NOTES:

1. USE 3/4" EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
2. IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
3. IF AREA BEHIND DRIVE/ALLEY PAD IS LOWER, THE TRANSITION AREA CAN HAVE A 12:1 OR FLATTER SLOPE TO MATCH EXISTING GRADE.
4. DRIVE/ALLEY PADS WIDER THAN 18' (NOMINAL) ARE TO HAVE EXPANSION BOARD JOINT AT MIDPOINT. DRIVE/ALLEY PADS WIDER THAN 22' ARE TO HAVE EXPANSION BOARD JOINTS EQUALLY SPACED WITH NO MORE THAN 20' BETWEEN JOINTS. CONSTRUCTION JOINTS ARE TO BE MADE NOT EXCEEDING 5' INTERVALS AND MATCHING CONSTRUCTION JOINTS ON CURBING WHEREVER POSSIBLE.
5. PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS, DRIVE/ALLEY PADS, AND CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO RESPECTIVE ITEMS.
6. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
7. DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONCRETE. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONCRETE.



8TH STREET

ALLEY PAD DETAIL "FB"

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

REV. No.	DATE	DESCRIPTION	APPROVED

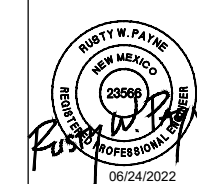
New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

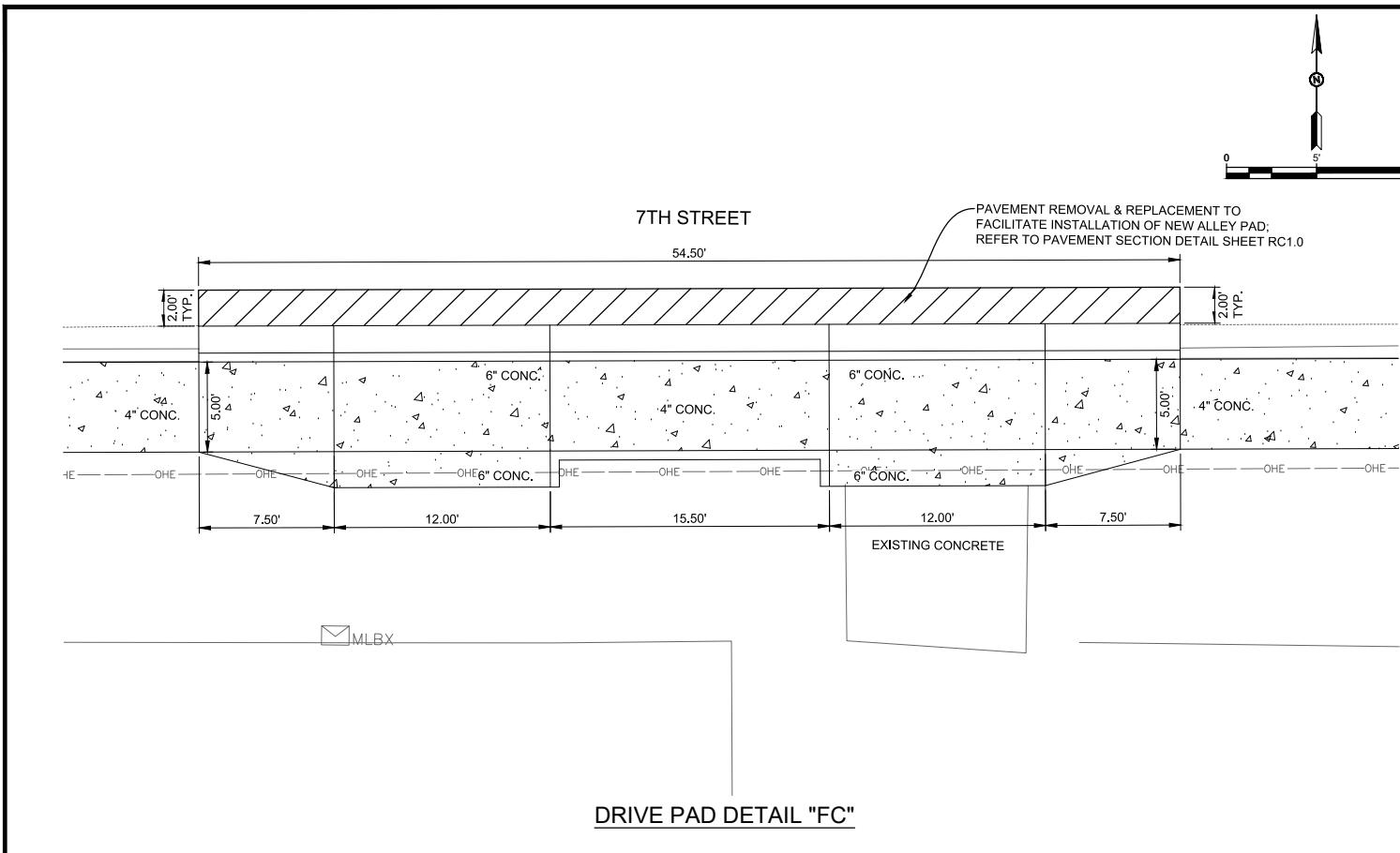
ALLEY AND DRIVE PAD DETAIL

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

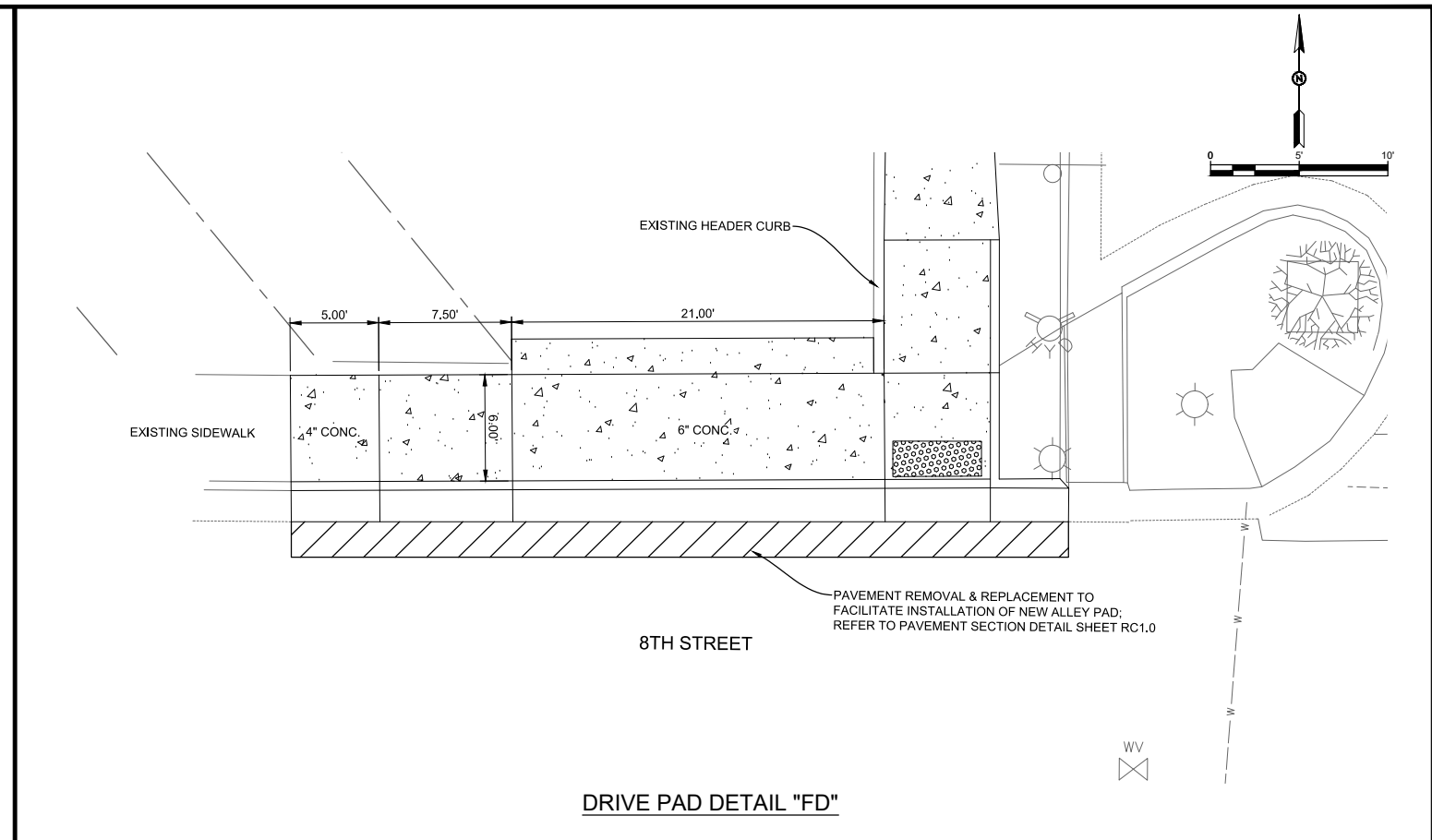


Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: RC49.0
 Sheet 55 of 91
 19-C-NR-I-01-G-18



DRIVE PAD DETAIL "FC"



DRIVE PAD DETAIL "FD"

- ALLEY PAD GENERAL NOTES:**
1. USE $\frac{3}{8}$ " EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
 2. IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
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 5. PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS, DRIVE/ALLEY PADS, AND CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO RESPECTIVE ITEMS.
 6. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
 7. DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONCRETE. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONCRETE.

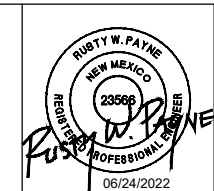
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REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



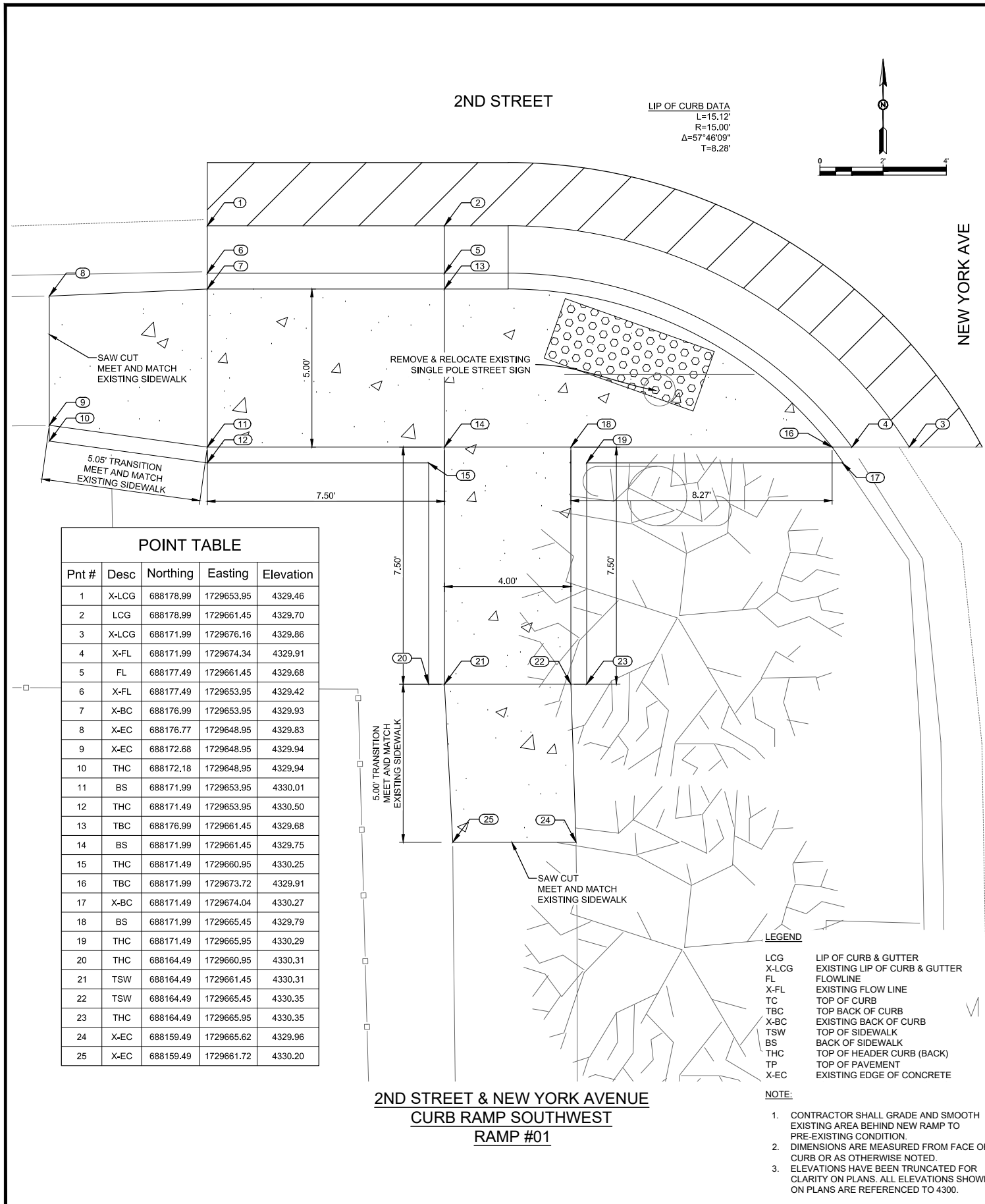
ADA Compliant Sidewalk Improvements
ALLEY AND DRIVE PAD DETAIL
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



SMITH ENGINEERING
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 201 N Church Street Suite 200A Las Cruces, NM 89001 Phone: 575-523-2395 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 56 of 91
	19-C-NR-I-01-G-18

RC50.0

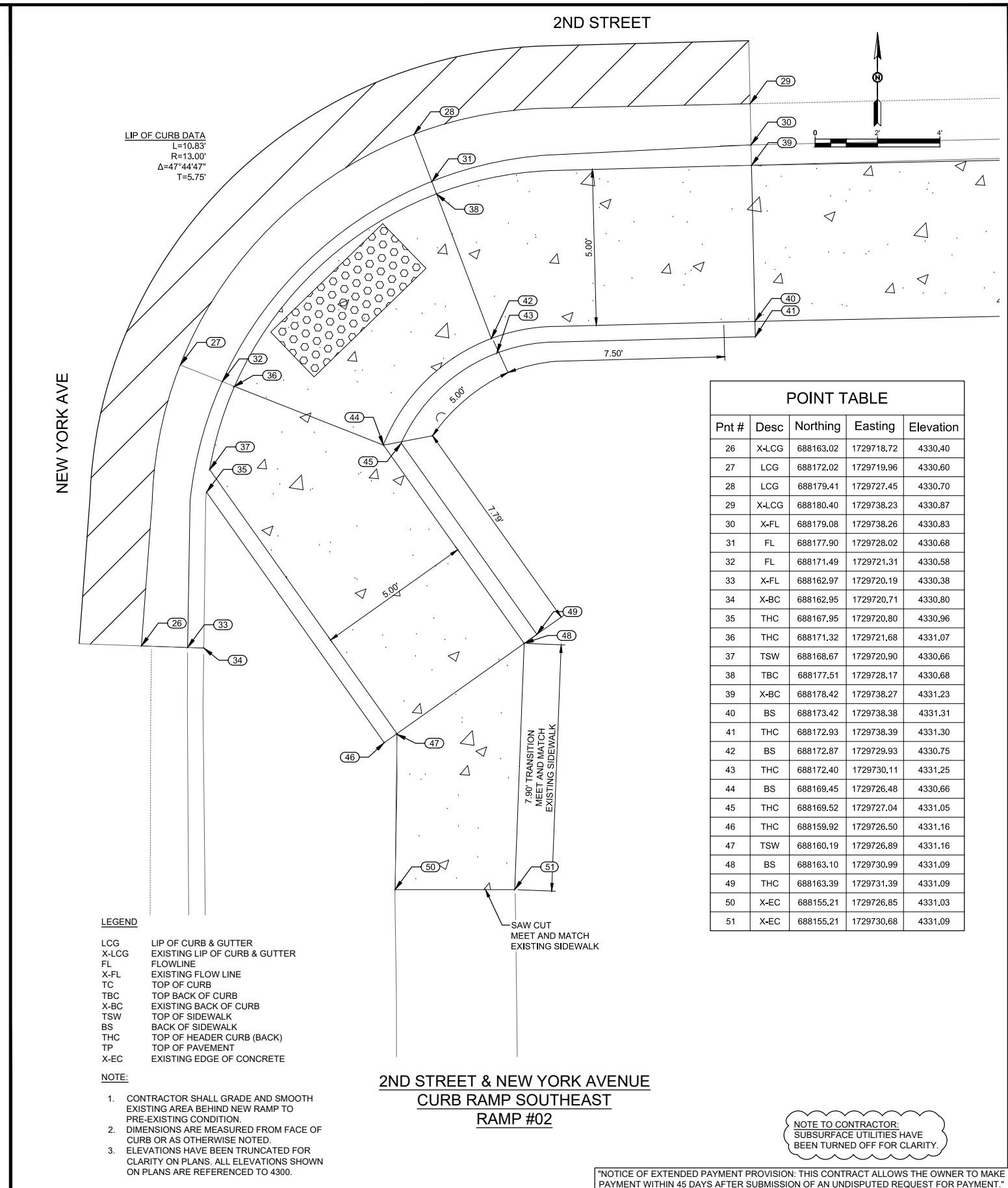


POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688178.99	1729653.95	4329.46
2	LCG	688178.99	1729661.45	4329.70
3	X-LCG	688171.99	1729676.16	4329.86
4	X-FL	688171.99	1729674.34	4329.91
5	FL	688177.49	1729661.45	4329.68
6	X-FL	688177.49	1729653.95	4329.42
7	X-BC	688176.99	1729653.95	4329.93
8	X-EC	688176.77	1729648.95	4329.83
9	X-EC	688172.68	1729648.95	4329.94
10	THC	688172.18	1729648.95	4329.94
11	BS	688171.99	1729653.95	4330.01
12	THC	688171.49	1729653.95	4330.50
13	TBC	688176.99	1729661.45	4329.68
14	BS	688171.99	1729661.45	4329.75
15	THC	688171.49	1729660.95	4330.25
16	TBC	688171.99	1729673.72	4329.91
17	X-BC	688171.49	1729674.04	4330.27
18	BS	688171.99	1729665.45	4329.79
19	THC	688171.49	1729665.95	4330.29
20	THC	688164.49	1729660.95	4330.31
21	TSW	688164.49	1729661.45	4330.31
22	TSW	688164.49	1729665.45	4330.35
23	THC	688164.49	1729665.95	4330.35
24	X-EC	688159.49	1729665.62	4329.96
25	X-EC	688159.49	1729661.72	4330.20

2ND STREET & NEW YORK AVENUE
CURB RAMP SOUTHWEST
RAMP #01

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.



- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

2ND STREET & NEW YORK AVENUE
CURB RAMP SOUTHEAST
RAMP #02

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
26	X-LCG	688163.02	1729718.72	4330.40
27	LCG	688172.02	1729719.96	4330.60
28	LCG	688179.41	1729727.45	4330.70
29	X-LCG	688180.40	1729738.23	4330.87
30	X-FL	688179.08	1729738.26	4330.83
31	FL	688177.90	1729728.02	4330.68
32	FL	688171.49	1729721.31	4330.58
33	X-FL	688162.97	1729720.19	4330.38
34	X-BC	688162.95	1729720.71	4330.80
35	THC	688167.95	1729720.80	4330.96
36	THC	688171.32	1729721.68	4331.07
37	TSW	688168.67	1729720.90	4330.66
38	TBC	688177.51	1729728.17	4330.68
39	X-BC	688178.42	1729738.27	4331.23
40	BS	688173.42	1729738.38	4331.31
41	THC	688172.93	1729738.39	4331.30
42	BS	688172.87	1729729.93	4330.75
43	THC	688172.40	1729730.11	4331.25
44	BS	688169.45	1729726.48	4330.66
45	THC	688169.52	1729727.04	4331.05
46	THC	688159.92	1729726.50	4331.16
47	TSW	688160.19	1729726.89	4331.16
48	BS	688163.10	1729730.99	4331.09
49	THC	688163.39	1729731.39	4331.09
50	X-EC	688155.21	1729726.85	4331.03
51	X-EC	688155.21	1729730.68	4331.09

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

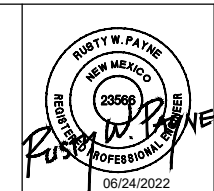
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REV. No.	DATE	DESCRIPTION	APPROVED

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 Professional Resources for Damage Prevention



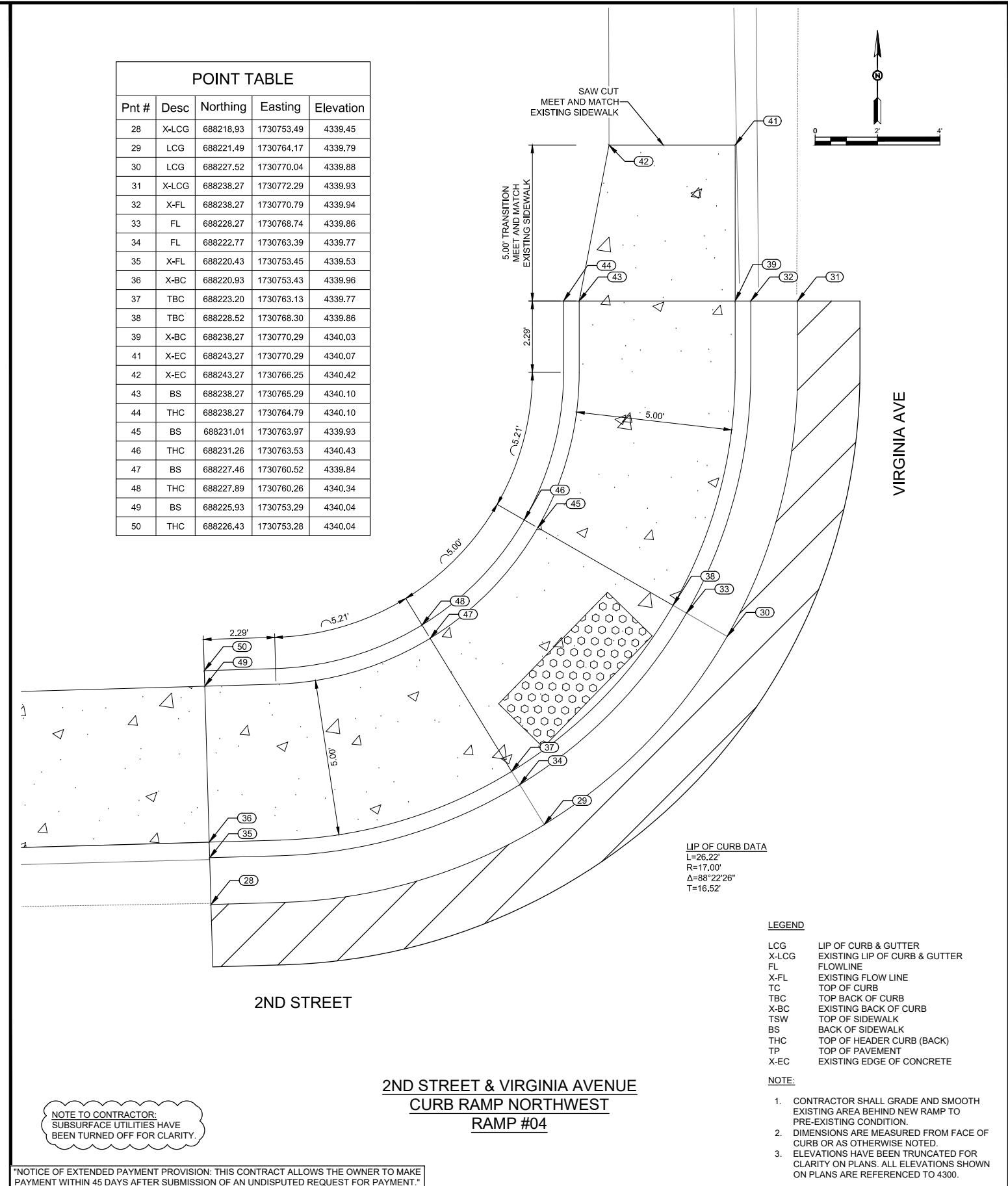
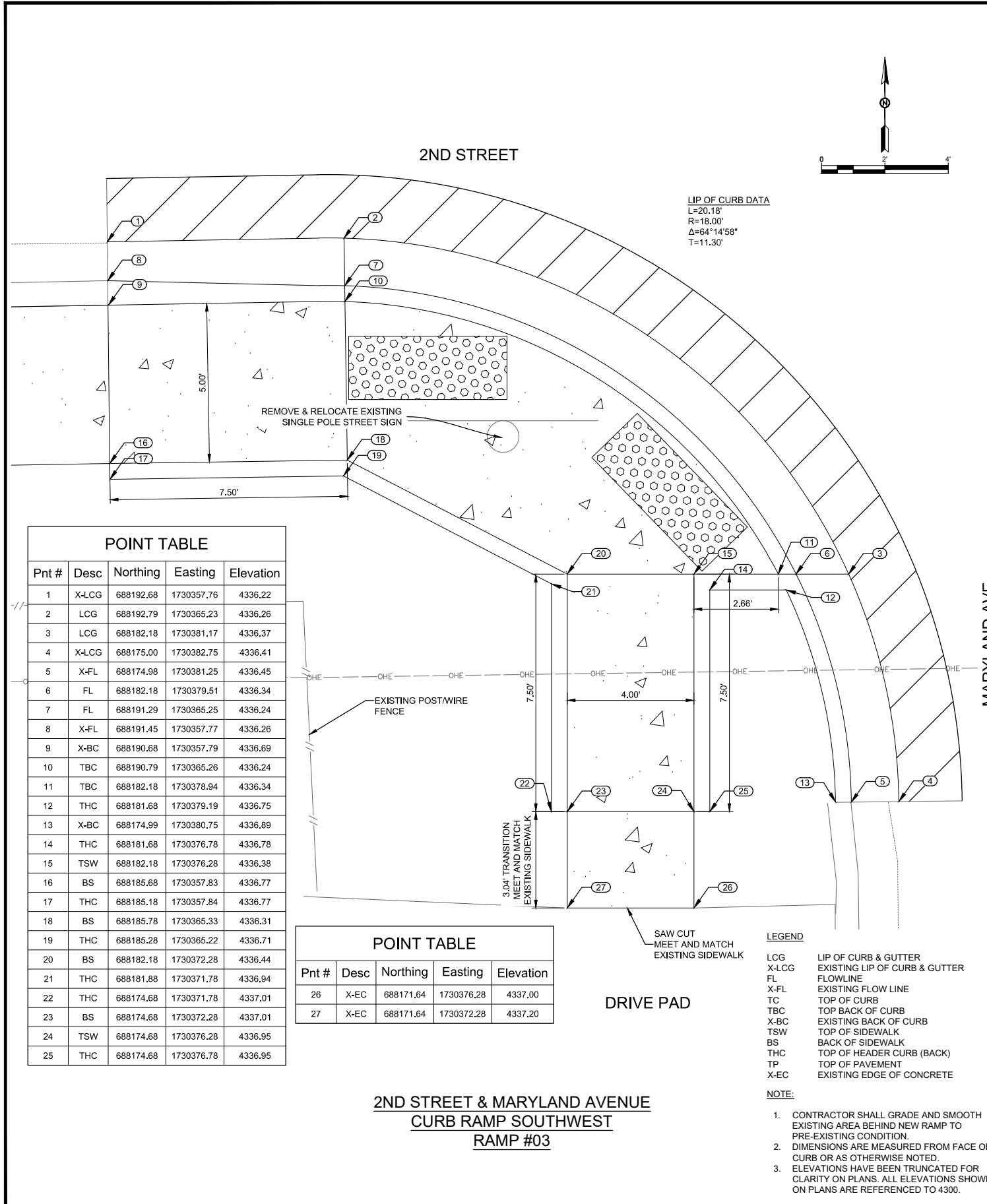
ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 201 N Church Street
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 Las Cruces, NM 89001
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Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 57 of 91
	19-C-NR-I-01-G-18

GD1.0



POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
28	X-LCG	688218.93	1730753.49	4339.45
29	LCG	688221.49	1730764.17	4339.79
30	LCG	688227.52	1730770.04	4339.88
31	X-LCG	688238.27	1730772.29	4339.93
32	X-FL	688238.27	1730770.79	4339.94
33	FL	688228.27	1730768.74	4339.86
34	FL	688222.77	1730763.39	4339.77
35	X-FL	688220.43	1730753.45	4339.53
36	X-BC	688220.93	1730753.43	4339.96
37	TBC	688223.20	1730763.13	4339.77
38	TBC	688228.52	1730768.30	4339.86
39	X-BC	688238.27	1730770.29	4340.03
41	X-EC	688243.27	1730770.29	4340.07
42	X-EC	688243.27	1730766.25	4340.42
43	BS	688238.27	1730765.29	4340.10
44	THC	688238.27	1730764.79	4340.10
45	BS	688231.01	1730763.97	4339.93
46	THC	688231.26	1730763.53	4340.43
47	BS	688227.46	1730760.52	4339.84
48	THC	688227.89	1730760.26	4340.34
49	BS	688225.93	1730753.29	4340.04
50	THC	688226.43	1730753.28	4340.04

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688192.68	1730357.76	4336.22
2	LCG	688192.79	1730365.23	4336.26
3	LCG	688182.18	1730381.17	4336.37
4	X-LCG	688175.00	1730382.75	4336.41
5	X-FL	688174.98	1730381.25	4336.45
6	FL	688182.18	1730379.51	4336.34
7	FL	688191.29	1730365.25	4336.24
8	X-FL	688191.45	1730357.77	4336.26
9	X-BC	688190.68	1730357.79	4336.69
10	TBC	688190.79	1730365.26	4336.24
11	TBC	688182.18	1730378.94	4336.34
12	THC	688181.68	1730379.19	4336.75
13	X-BC	688174.99	1730380.75	4336.89
14	THC	688181.68	1730376.78	4336.78
15	TSW	688182.18	1730376.28	4336.38
16	BS	688185.68	1730357.83	4336.77
17	THC	688185.18	1730357.84	4336.77
18	BS	688185.78	1730365.33	4336.31
19	THC	688185.28	1730365.22	4336.71
20	BS	688182.18	1730372.28	4336.44
21	THC	688181.88	1730371.78	4336.94
22	THC	688174.68	1730371.78	4337.01
23	BS	688174.68	1730372.28	4337.01
24	TSW	688174.68	1730376.28	4336.95
25	THC	688174.68	1730376.78	4336.95

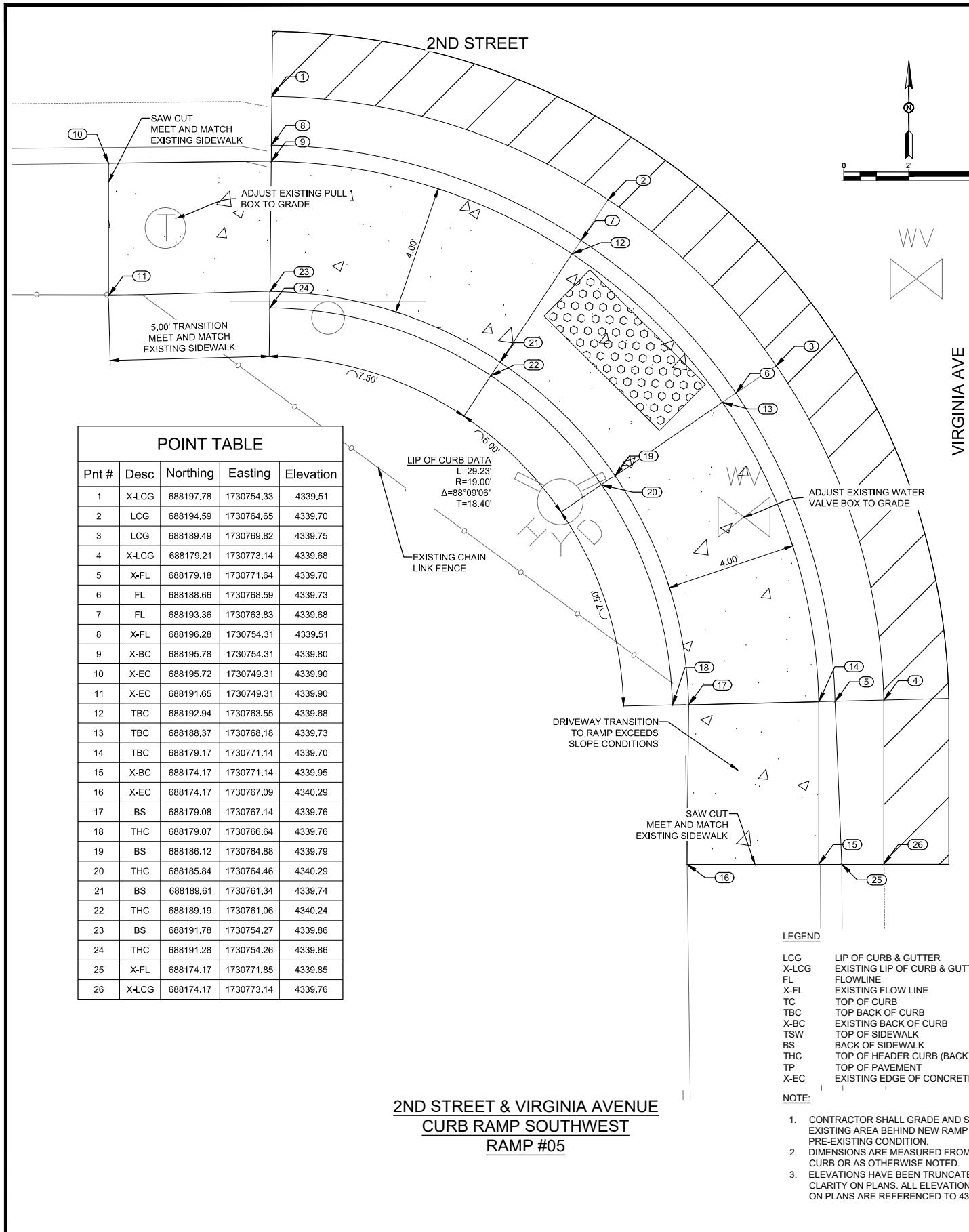
POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
26	X-EC	688171.64	1730376.28	4337.00
27	X-EC	688171.64	1730372.28	4337.20

NOTE TO CONTRACTOR:
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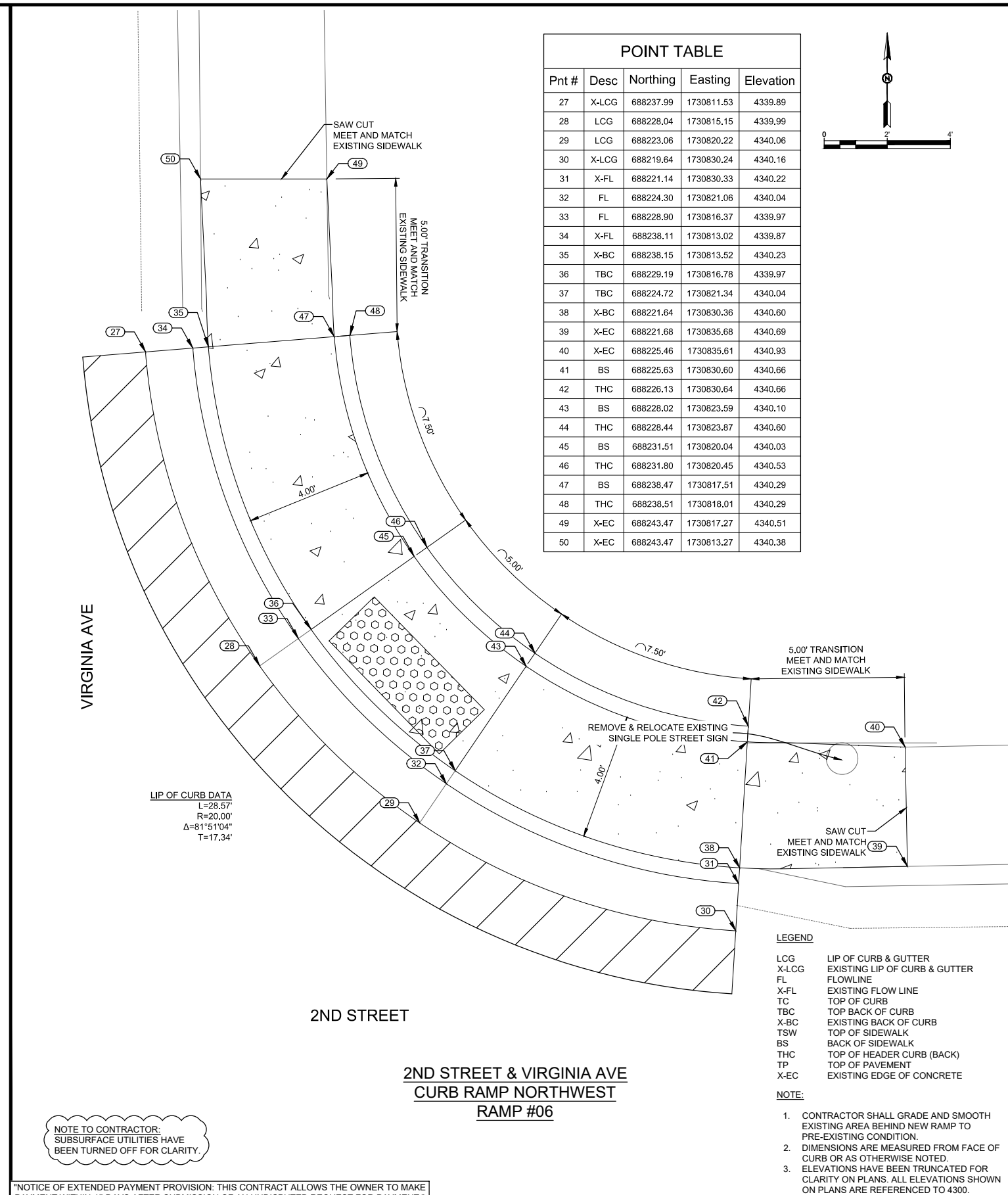
 New Mexico One Call, Inc. Call 2 days before you dig! Dial 811 or 1-800-321-2537 Professional Resources for Damage Prevention	 ADA Compliant Sidewalk Improvements RAMP DETAILS CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT	 RUSTY W. PAYNE PROFESSIONAL ENGINEER 06/24/2022	 Solutions for Today... Vision for Tomorrow 201 N Church Street Suite 200A Las Cruces, NM 89001 Phone: 575-523-2395 www.smithengineering.pro	Public Works Bid No.: 2022-004 Drawn By: SMITH Designed By: SMITH Checked By: SMITH Approved By: COA Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet No.: GD2.0 Sheet 58 of 91 19-C-NR-I-01-G-18
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POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688197.78	1730754.33	4339.51
2	LCG	688194.59	1730764.65	4339.70
3	LCG	688189.49	1730769.82	4339.75
4	X-LCG	688179.21	1730773.14	4339.68
5	X-FL	688179.18	1730771.64	4339.70
6	FL	688188.66	1730768.59	4339.73
7	FL	688193.36	1730763.83	4339.68
8	X-FL	688196.28	1730754.31	4339.51
9	X-BC	688195.78	1730754.31	4339.80
10	X-EC	688195.72	1730749.31	4339.90
11	X-EC	688191.65	1730749.31	4339.90
12	TBC	688192.94	1730763.55	4339.68
13	TBC	688188.37	1730768.18	4339.73
14	TBC	688179.17	1730771.14	4339.70
15	X-BC	688174.17	1730771.14	4339.95
16	X-EC	688174.17	1730767.09	4340.29
17	BS	688179.08	1730767.14	4339.76
18	THC	688179.07	1730766.64	4339.76
19	BS	688186.12	1730764.88	4339.79
20	THC	688185.84	1730764.46	4340.29
21	BS	688189.61	1730761.34	4339.74
22	THC	688189.19	1730761.06	4340.24
23	BS	688191.78	1730754.27	4339.86
24	THC	688191.28	1730754.26	4339.86
25	X-FL	688174.17	1730771.85	4339.85
26	X-LCG	688174.17	1730773.14	4339.76

2ND STREET & VIRGINIA AVENUE
CURB RAMP SOUTHWEST
RAMP #05

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
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POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
27	X-LCG	688237.99	1730811.53	4339.89
28	LCG	688228.04	1730815.15	4339.99
29	LCG	688223.06	1730820.22	4340.06
30	X-LCG	688219.64	1730830.24	4340.16
31	X-FL	688221.14	1730830.33	4340.22
32	FL	688224.30	1730821.06	4340.04
33	FL	688228.90	1730816.37	4339.97
34	X-FL	688238.11	1730813.02	4339.87
35	X-BC	688238.15	1730813.52	4340.23
36	TBC	688229.19	1730816.78	4339.97
37	TBC	688224.72	1730821.34	4340.04
38	X-BC	688221.64	1730830.36	4340.60
39	X-EC	688221.68	1730835.68	4340.69
40	X-EC	688225.46	1730835.61	4340.93
41	BS	688225.63	1730830.60	4340.66
42	THC	688226.13	1730830.64	4340.66
43	BS	688228.02	1730823.59	4340.10
44	THC	688228.44	1730823.87	4340.60
45	BS	688231.51	1730820.04	4340.03
46	THC	688231.80	1730820.45	4340.53
47	BS	688238.47	1730817.51	4340.29
48	THC	688238.51	1730818.01	4340.29
49	X-EC	688243.47	1730817.27	4340.51
50	X-EC	688243.47	1730813.27	4340.38

2ND STREET & VIRGINIA AVE
CURB RAMP NORTHWEST
RAMP #06

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
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NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

RUSTY W. PAYNE
 PROFESSIONAL ENGINEER
 06/24/2022

Solutions for Today...
 Vision for Tomorrow
 201 N Church Street
 Suite 200A
 Las Cruces, NM 89001
 Phone: 575-523-2395
 www.smithengineering.pro

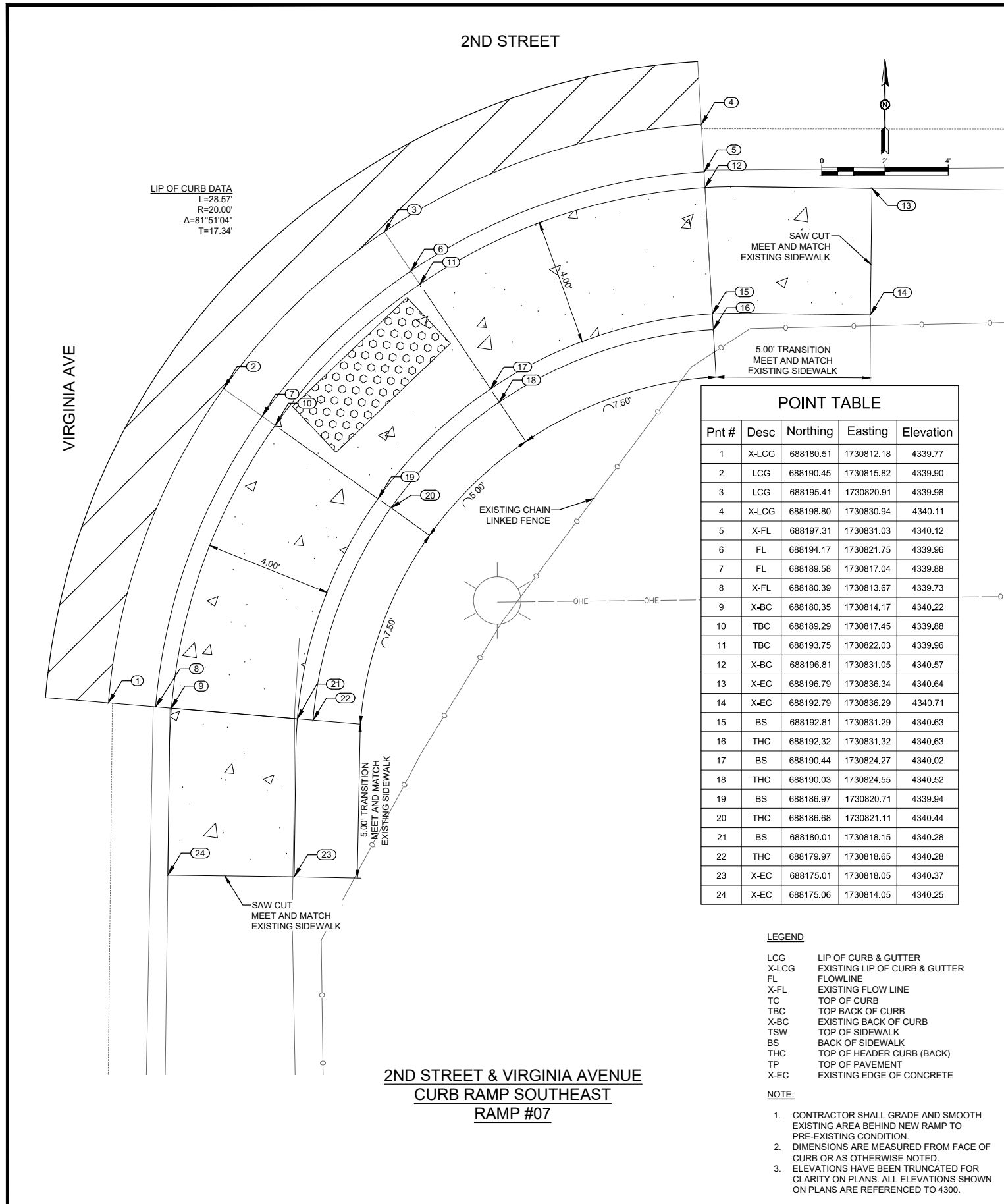
Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD3.0**

Sheet 59 of 91

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**2ND STREET & VIRGINIA AVENUE
CURB RAMP SOUTHEAST
RAMP #07**

Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688180.51	1730812.18	4339.77
2	LCG	688190.45	1730815.82	4339.90
3	LCG	688195.41	1730820.91	4339.98
4	X-LCG	688198.80	1730830.94	4340.11
5	X-FL	688197.31	1730831.03	4340.12
6	FL	688194.17	1730821.75	4339.96
7	FL	688189.58	1730817.04	4339.88
8	X-FL	688180.39	1730813.67	4339.73
9	X-BC	688180.35	1730814.17	4340.22
10	TBC	688189.29	1730817.45	4339.88
11	TBC	688193.75	1730822.03	4339.96
12	X-BC	688196.81	1730831.05	4340.57
13	X-EC	688196.79	1730836.34	4340.64
14	X-EC	688192.79	1730836.29	4340.71
15	BS	688192.81	1730831.29	4340.63
16	THC	688192.32	1730831.32	4340.63
17	BS	688190.44	1730824.27	4340.02
18	THC	688190.03	1730824.55	4340.52
19	BS	688186.97	1730820.71	4339.94
20	THC	688186.68	1730821.11	4340.44
21	BS	688180.01	1730818.15	4340.28
22	THC	688179.97	1730818.65	4340.28
23	X-EC	688175.01	1730818.05	4340.37
24	X-EC	688175.06	1730814.05	4340.25

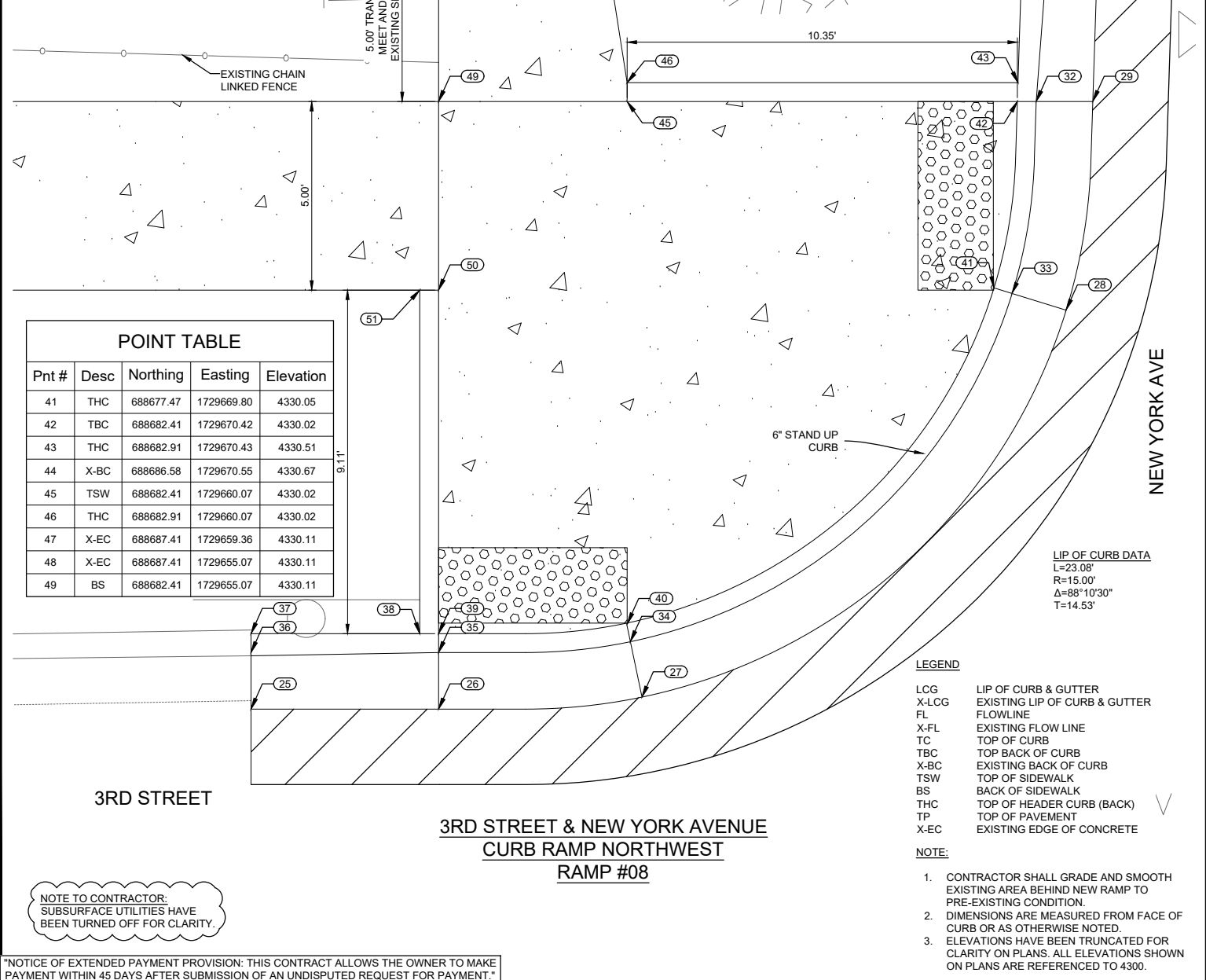
LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

Pnt #	Desc	Northing	Easting	Elevation
25	X-LCG	688666.31	1729650.10	4329.67
26	LCG	688666.31	1729655.07	4329.92
27	LCG	688666.63	1729660.46	4330.00
28	LCG	688676.88	1729671.71	4330.07
29	LCG	688682.41	1729672.42	4330.04
30	X-LCG	688686.51	1729672.55	4330.02
31	X-FL	688686.56	1729671.05	4330.20
32	FL	688682.41	1729670.92	4330.02
33	FL	688677.32	1729670.28	4330.05
34	FL	688668.09	1729660.16	4329.98
35	FL	688667.81	1729655.07	4329.90
36	X-FL	688667.81	1729650.10	4329.70
37	X-BC	688668.31	1729650.10	4330.11
38	THC	688668.31	1729654.57	4330.39
39	TBC	688668.31	1729655.07	4329.90
40	THC	688668.57	1729660.08	4330.47



**3RD STREET & NEW YORK AVENUE
CURB RAMP NORTHWEST
RAMP #08**

Pnt #	Desc	Northing	Easting	Elevation
41	THC	688677.47	1729669.80	4330.05
42	TBC	688682.41	1729670.42	4330.02
43	THC	688682.91	1729670.43	4330.51
44	X-BC	688686.58	1729670.55	4330.67
45	TSW	688682.41	1729660.07	4330.02
46	THC	688682.91	1729660.07	4330.02
47	X-EC	688687.41	1729659.36	4330.11
48	X-EC	688687.41	1729655.07	4330.11
49	BS	688682.41	1729655.07	4330.11

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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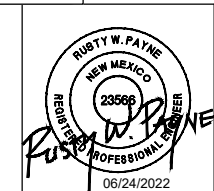
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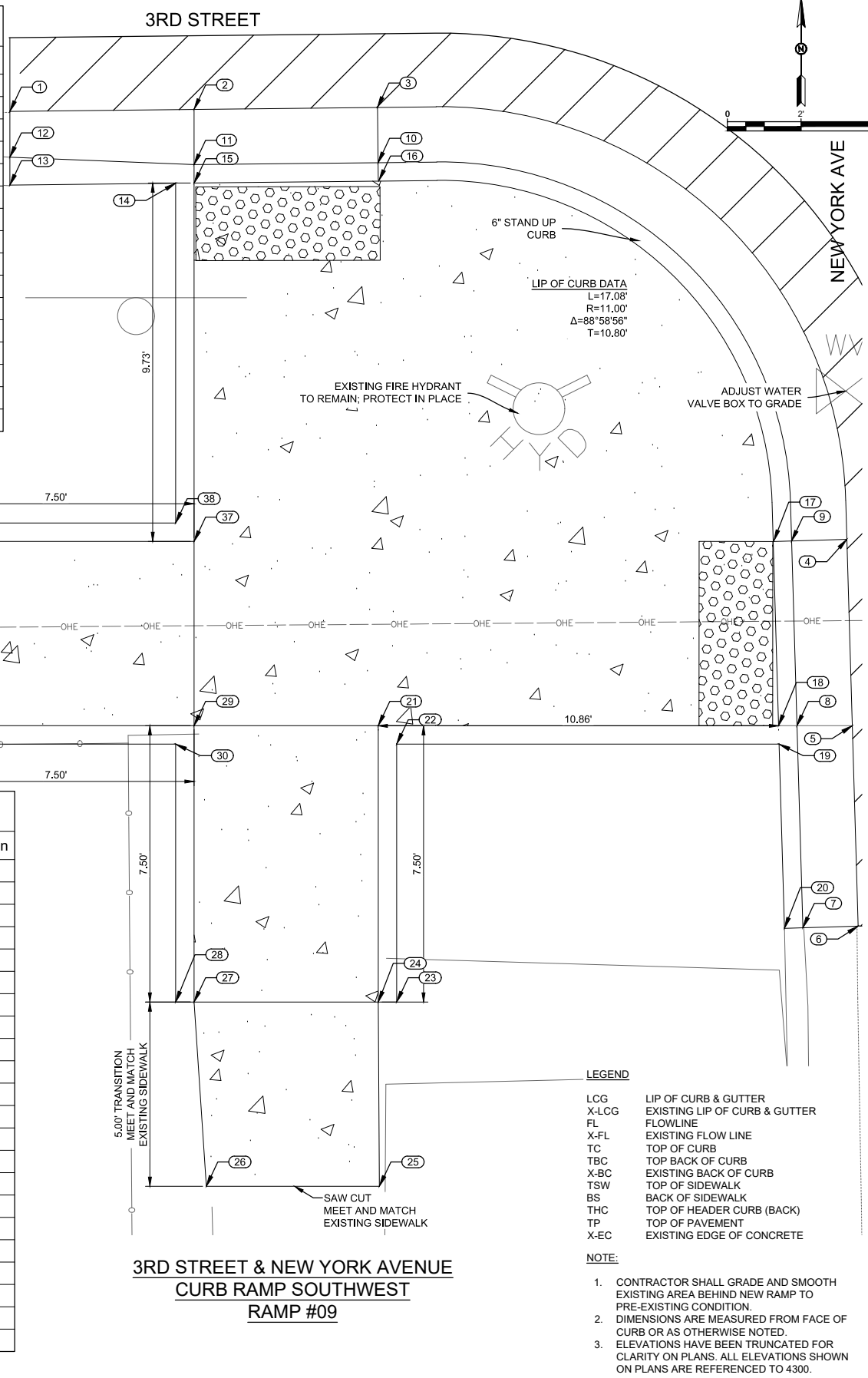
ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD4.0**
 Sheet 60 of 91
 19-C-NR-I-01-G-18

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688642.90	1729650.07	4329.98
2	LCG	688642.95	1729655.07	4330.01
3	LCG	688643.01	1729660.05	4330.03
4	LCG	688631.28	1729672.79	4330.14
5	LCG	688626.23	1729672.94	4330.16
6	X-LCG	688620.79	1729673.10	4330.19
7	X-FL	688620.74	1729671.60	4330.16
8	FL	688626.23	1729671.44	4330.14
9	FL	688631.24	1729671.29	4330.11
10	FL	688641.51	1729660.07	4330.01
11	FL	688641.45	1729655.07	4329.98
12	X-FL	688641.66	1729650.07	4329.90
13	X-BC	688640.90	1729650.07	4330.21
14	THC	688640.95	1729654.57	4330.48
15	TBC	688640.95	1729655.07	4329.98
16	THC	688641.03	1729660.09	4330.51



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
17	THC	688631.25	1729670.81	4330.61
18	BS	688626.23	1729670.94	4330.14
19	THC	688625.73	1729670.95	4330.63
20	X-BC	688620.73	1729671.10	4330.68
21	TSW	688626.23	1729660.07	4330.14
22	THC	688625.73	1729660.57	4330.63
23	THC	688618.73	1729660.57	4330.68
24	TSW	688618.73	1729660.07	4330.68
25	X-EC	688613.73	1729660.10	4330.66
26	X-EC	688613.73	1729655.40	4330.78
27	BS	688618.73	1729655.07	4330.75
28	THC	688618.73	1729654.57	4330.75
29	BS	688626.23	1729655.07	4330.21
30	THC	688625.73	1729654.57	4330.71
31	THC	688625.73	1729647.57	4330.50
32	BS	688626.23	1729647.57	4330.50
33	X-EC	688626.23	1729642.57	4330.41
34	X-EC	688630.03	1729642.57	4330.49
35	TSW	688631.23	1729647.57	4330.41
36	THC	688631.73	1729647.57	4330.41
37	TSW	688631.23	1729655.07	4330.13
38	THC	688631.73	1729654.57	4330.63

3RD STREET & NEW YORK AVENUE
CURB RAMP SOUTHWEST
RAMP #09

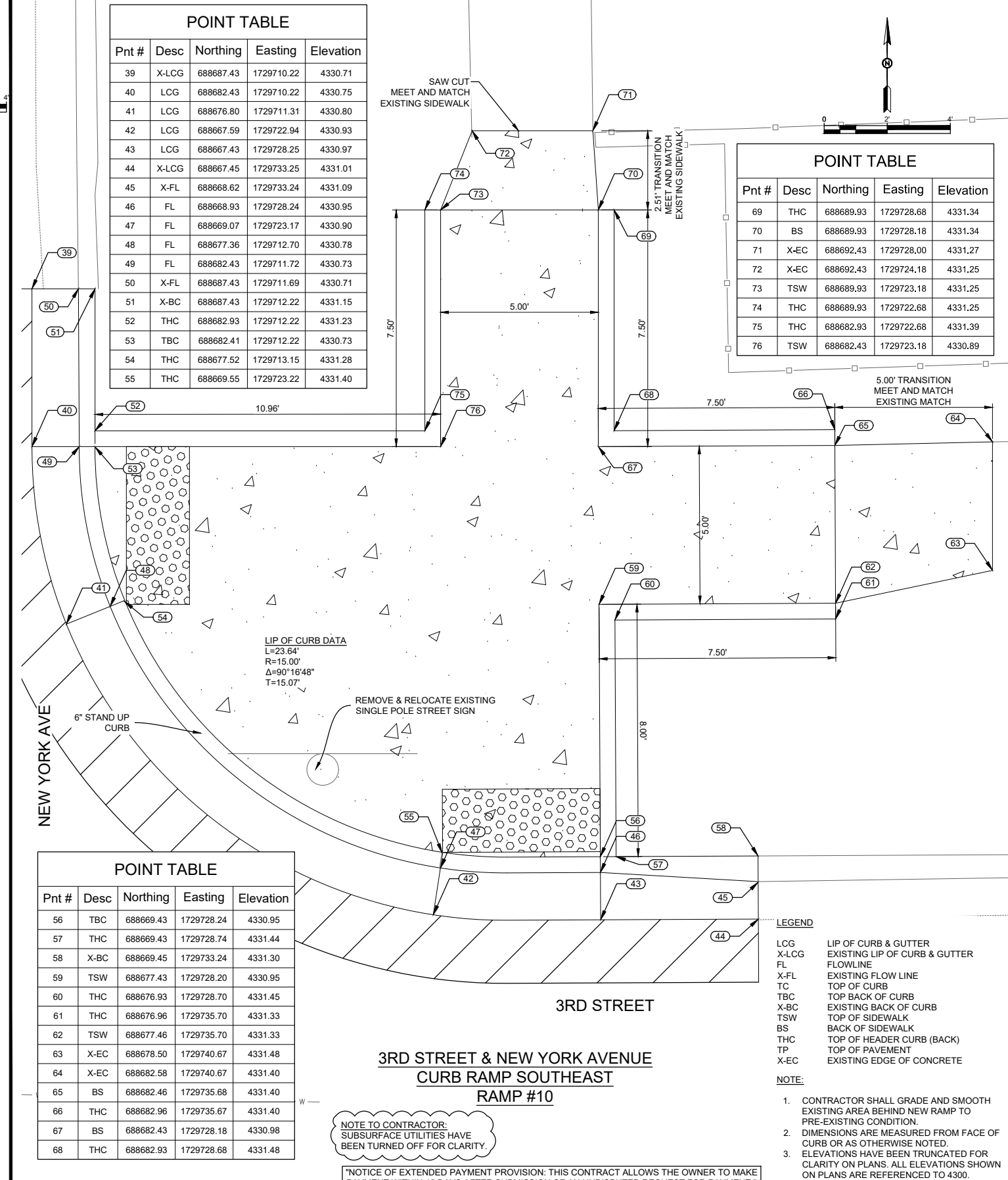
LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
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POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
39	X-LCG	688687.43	1729710.22	4330.71
40	LCG	688682.43	1729710.22	4330.75
41	LCG	688676.80	1729711.31	4330.80
42	LCG	688667.59	1729722.94	4330.93
43	LCG	688667.43	1729728.25	4330.97
44	X-LCG	688667.45	1729733.25	4331.01
45	X-FL	688668.62	1729733.24	4331.09
46	FL	688668.93	1729728.24	4330.95
47	FL	688669.07	1729723.17	4330.90
48	FL	688677.36	1729712.70	4330.78
49	FL	688682.43	1729711.72	4330.73
50	X-FL	688687.43	1729711.69	4330.71
51	X-BC	688687.43	1729712.22	4331.15
52	THC	688682.93	1729712.22	4331.23
53	TBC	688682.41	1729712.22	4330.73
54	THC	688677.52	1729713.15	4331.28
55	THC	688669.55	1729723.22	4331.40



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
56	TBC	688669.43	1729728.24	4330.95
57	THC	688669.43	1729728.74	4331.44
58	X-BC	688669.45	1729733.24	4331.30
59	TSW	688677.43	1729728.20	4330.95
60	THC	688676.93	1729728.70	4331.45
61	THC	688676.96	1729735.70	4331.33
62	TSW	688677.46	1729735.70	4331.33
63	X-EC	688678.50	1729740.67	4331.48
64	X-EC	688682.58	1729740.67	4331.40
65	BS	688682.46	1729735.68	4331.40
66	THC	688682.96	1729735.67	4331.40
67	BS	688682.43	1729728.18	4330.98
68	THC	688682.93	1729728.68	4331.48

3RD STREET & NEW YORK AVENUE
CURB RAMP SOUTHEAST
RAMP #10

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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

REV. No.	DATE	DESCRIPTION	APPROVED

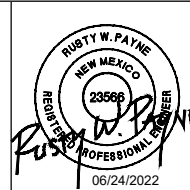
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NMOC
Professional Resources for Damage Prevention 1-800-321-2537



ADA Compliant Sidewalk Improvements

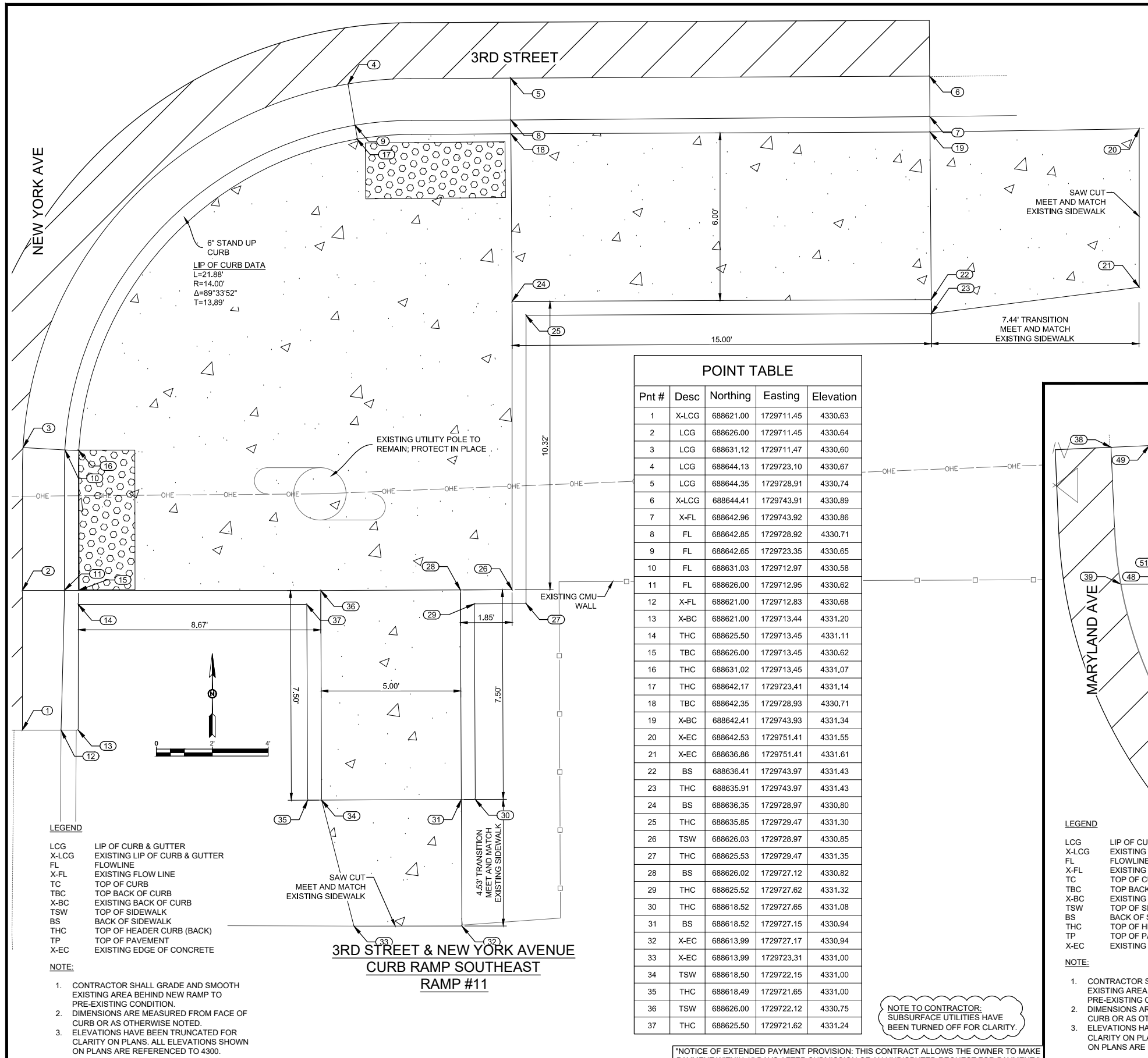
RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
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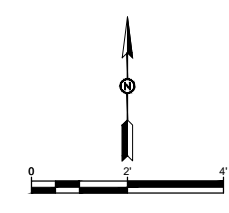
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 19-C-NR-I-01-G-18



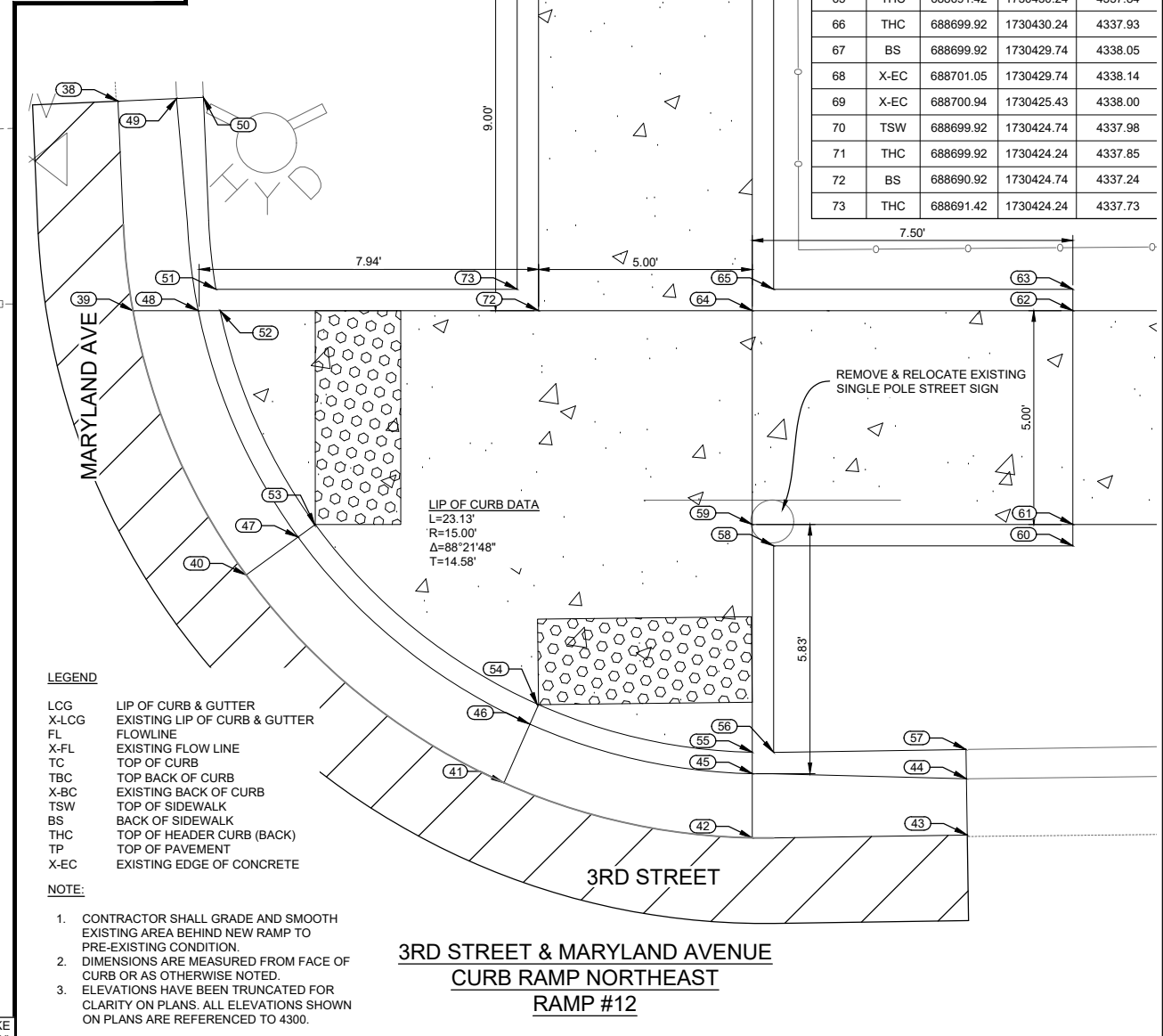
POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688621.00	1729711.45	4330.63
2	LCG	688626.00	1729711.45	4330.64
3	LCG	688631.12	1729711.47	4330.60
4	LCG	688644.13	1729723.10	4330.67
5	LCG	688644.35	1729728.91	4330.74
6	X-LCG	688644.41	1729743.91	4330.89
7	X-FL	688642.96	1729743.92	4330.86
8	FL	688642.85	1729728.92	4330.71
9	FL	688642.65	1729723.35	4330.65
10	FL	688631.03	1729712.97	4330.58
11	FL	688626.00	1729712.95	4330.62
12	X-FL	688621.00	1729712.83	4330.68
13	X-BC	688621.00	1729713.44	4331.20
14	THC	688625.50	1729713.45	4331.11
15	TBC	688626.00	1729713.45	4330.62
16	THC	688631.02	1729713.45	4331.07
17	THC	688642.17	1729723.41	4331.14
18	TBC	688642.35	1729728.93	4330.71
19	X-BC	688642.41	1729743.93	4331.34
20	X-EC	688642.53	1729751.41	4331.55
21	X-EC	688636.86	1729751.41	4331.61
22	BS	688636.41	1729743.97	4331.43
23	THC	688635.91	1729743.97	4331.43
24	BS	688636.35	1729728.97	4330.80
25	THC	688635.85	1729729.47	4331.30
26	TSW	688626.03	1729728.97	4330.85
27	THC	688625.53	1729729.47	4331.35
28	BS	688626.02	1729727.12	4330.82
29	THC	688625.52	1729727.62	4331.32
30	THC	688618.52	1729727.65	4331.08
31	BS	688618.52	1729727.15	4330.94
32	X-EC	688613.99	1729727.17	4330.94
33	X-EC	688613.99	1729723.31	4331.00
34	TSW	688618.50	1729722.15	4331.00
35	THC	688618.49	1729721.65	4331.00
36	TSW	688626.00	1729722.12	4330.75
37	THC	688625.50	1729721.62	4331.24

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
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**3RD STREET & NEW YORK AVENUE
CURB RAMP SOUTHEAST
RAMP #11**



POINT TABLE				POINT TABLE					
Pnt #	Desc	Northing	Easting	Elevation	Pnt #	Desc	Northing	Easting	Elevation
38	X-LCG	688695.82	1730414.91	4337.03	47	FL	688685.63	1730419.12	4337.09
39	LCG	688690.92	1730415.26	4337.09	48	FL	688690.92	1730416.78	4337.09
40	LCG	688684.74	1730417.91	4337.11	49	X-FL	688695.88	1730416.28	4336.99
41	LCG	688679.88	1730423.93	4337.28	50	X-BC	688695.91	1730416.90	4337.49
42	LCG	688678.60	1730429.74	4337.36	51	THC	688691.42	1730417.20	4337.59
43	X-LCG	688678.66	1730434.77	4337.59	52	TBC	688690.92	1730417.29	4337.09
44	X-FL	688679.98	1730434.75	4337.57	53	THC	688685.90	1730419.52	4337.58
45	FL	688680.10	1730429.74	4337.36	54	THC	688681.70	1730424.72	4337.75
46	FL	688681.25	1730424.54	4337.26	55	THC	688680.60	1730429.74	4337.36



- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
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**3RD STREET & MARYLAND AVENUE
CURB RAMP NORTHEAST
RAMP #12**

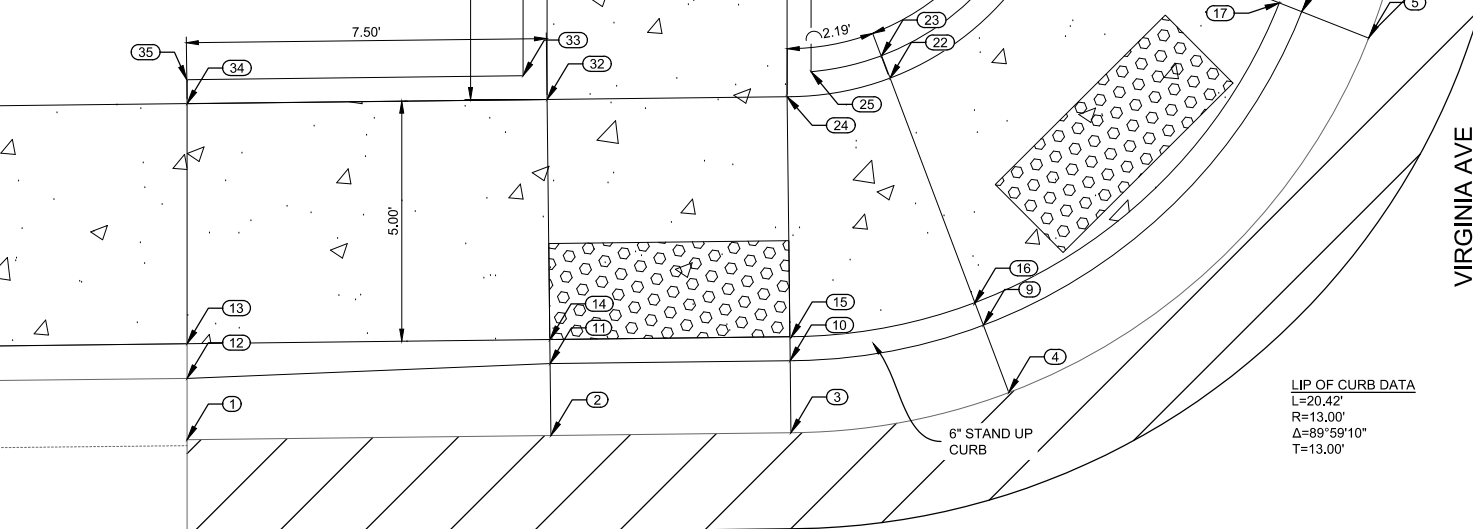
NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

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

<p>New Mexico One Call, Inc. Call 2 days before you dig! Dial 811 or 1-800-321-2537 Professional Resources for Damage Prevention</p>	 ADA Compliant Sidewalk Improvements RAMP DETAILS CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT	 RUSTY W. PAYNE PROFESSIONAL ENGINEER 06/24/2022	 Solutions for Today... Vision for Tomorrow 201 N Church Street Suite 200A Las Cruces, NM 88001 Phone: 575-523-2395 www.smithengineering.pro	Public Works Bid No.: 2022-004 Drawn By: SMITH Designed By: SMITH Checked By: SMITH Approved By: COA Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet No.: GD6.0 Sheet 62 of 91 19-C-NR-I-01-G-18
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Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688682.30	1730743.51	4340.32
2	LCG	688682.39	1730751.09	4340.41
3	LCG	688682.45	1730756.09	4340.47
4	LCG	688683.29	1730760.62	4340.52
5	LCG	688690.67	1730768.12	4340.52
6	X-LCG	688696.83	1730769.02	4340.60
7	X-FL	688696.81	1730767.52	4340.53
8	FL	688691.22	1730766.73	4340.50
9	FL	688684.69	1730760.09	4340.50
10	FL	688683.95	1730756.07	4340.45
11	FL	688683.89	1730751.07	4340.39
12	X-FL	688683.58	1730743.51	4340.23
13	X-BC	688684.30	1730743.51	4340.77
14	TBC	688684.39	1730751.06	4340.39
15	THC	688684.43	1730756.08	4340.94
16	THC	688685.13	1730759.91	4340.99
17	TBC	688691.40	1730766.26	4340.50
18	THC	688691.87	1730766.44	4340.99
19	X-BC	688696.81	1730767.02	4341.06
20	BS	688693.24	1730761.61	4340.57
21	THC	688693.90	1730761.31	4341.07
22	BS	688689.83	1730758.15	4340.54
23	THC	688690.30	1730757.98	4341.04
24	BS	688689.45	1730756.01	4340.48
25	THC	688689.97	1730756.51	4341.02

Pnt #	Desc	Northing	Easting	Elevation
26	THC	688696.89	1730756.51	4340.76
27	TSW	688696.89	1730756.01	4340.76
28	X-EC	688701.89	1730754.76	4340.76
29	X-EC	688701.89	1730750.89	4340.73
30	BS	688696.89	1730751.01	4340.77
31	THC	688696.89	1730750.51	4340.77
32	BS	688689.39	1730751.01	4340.49
33	THC	688689.88	1730750.51	4341.03
34	BS	688689.30	1730743.51	4340.86
35	THC	688689.80	1730743.50	4340.86



3RD STREET
 3RD STREET & VIRGINIA AVENUE
 CURB RAMP NORTHWEST
 RAMP #13

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

Pnt #	Desc	Northing	Easting	Elevation
36	X-LCG	688653.43	1730749.47	4340.14
37	LCG	688650.97	1730759.86	4340.13
38	LCG	688645.62	1730765.34	4340.13
39	X-LCG	688635.29	1730768.04	4340.12
40	X-FL	688635.27	1730766.54	4340.06
41	FL	688644.81	1730764.08	4340.10
42	FL	688649.69	1730759.08	4340.11
43	X-FL	688651.93	1730749.49	4340.07
44	X-BC	688651.43	1730749.49	4340.57
45	TBC	688649.26	1730758.82	4340.11
46	TBC	688644.54	1730763.66	4340.10
47	X-BC	688635.26	1730766.04	4340.55
48	X-EC	688630.26	1730766.10	4340.55
49	X-EC	688630.22	1730762.10	4340.77
50	BS	688635.22	1730762.04	4340.61
51	THC	688635.21	1730761.54	4340.61
52	BS	688642.38	1730760.29	4340.16
53	THC	688642.11	1730759.87	4340.66
54	BS	688645.85	1730756.74	4340.17
55	THC	688645.42	1730756.48	4340.67
56	BS	688647.43	1730749.54	4340.63
57	THC	688646.93	1730749.54	4340.63

3RD STREET & VIRGINIA AVENUE
 CURB RAMP SOUTHWEST
 RAMP #14

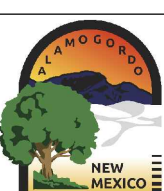
- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

NOTE TO CONTRACTOR:
 SUBSURFACE UTILITIES HAVE
 BEEN TURNED OFF FOR CLARITY.

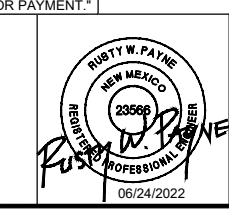
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REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC
 Professional Resources for Damage Prevention 1-800-321-2537

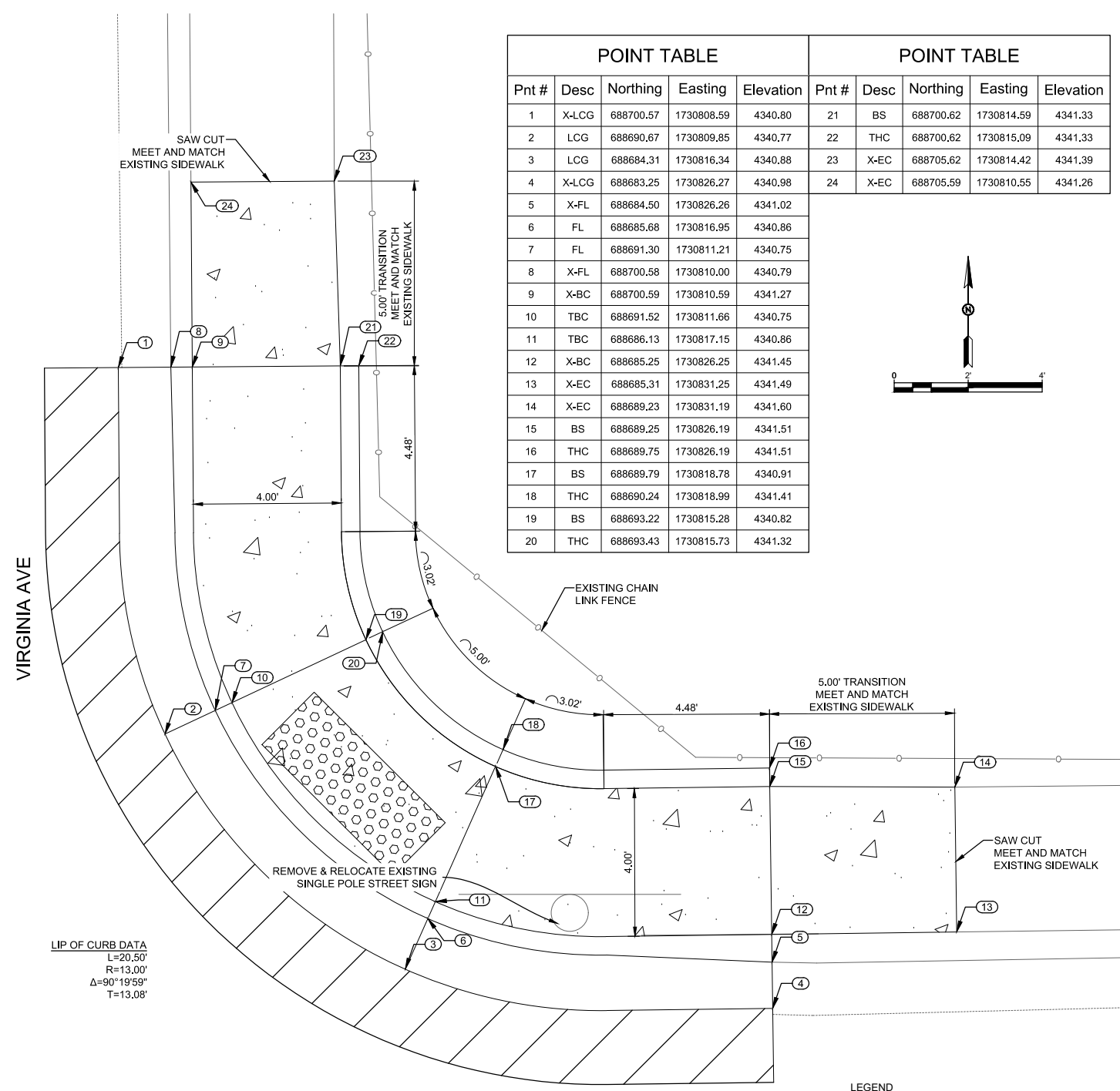


ADA Compliant Sidewalk Improvements
 RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD7.0**
 Sheet 63 of 91
 19-C-NR-I-01-G-18



POINT TABLE				POINT TABLE					
Pnt #	Desc	Northing	Easting	Elevation	Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688700.57	1730808.59	4340.80	21	BS	688700.62	1730814.59	4341.33
2	LCG	688690.67	1730809.85	4340.77	22	THC	688700.62	1730815.09	4341.33
3	LCG	688684.31	1730816.34	4340.88	23	X-EC	688705.62	1730814.42	4341.39
4	X-LCG	688683.25	1730826.27	4340.98	24	X-EC	688705.59	1730810.55	4341.26
5	X-FL	688684.50	1730826.26	4341.02					
6	FL	688685.68	1730816.95	4340.86					
7	FL	688691.30	1730811.21	4340.75					
8	X-FL	688700.58	1730810.00	4340.79					
9	X-BC	688700.59	1730810.59	4341.27					
10	TBC	688691.52	1730811.66	4340.75					
11	TBC	688686.13	1730817.15	4340.86					
12	X-BC	688685.25	1730826.25	4341.45					
13	X-EC	688685.31	1730831.25	4341.49					
14	X-EC	688689.23	1730831.19	4341.60					
15	BS	688689.25	1730826.19	4341.51					
16	THC	688689.75	1730826.19	4341.51					
17	BS	688689.79	1730818.78	4340.91					
18	THC	688690.24	1730818.99	4341.41					
19	BS	688693.22	1730815.28	4340.82					
20	THC	688693.43	1730815.73	4341.32					

LIP OF CURB DATA
 L=20.50'
 R=13.00'
 Δ=90°19'59"
 T=13.08'

3RD STREET

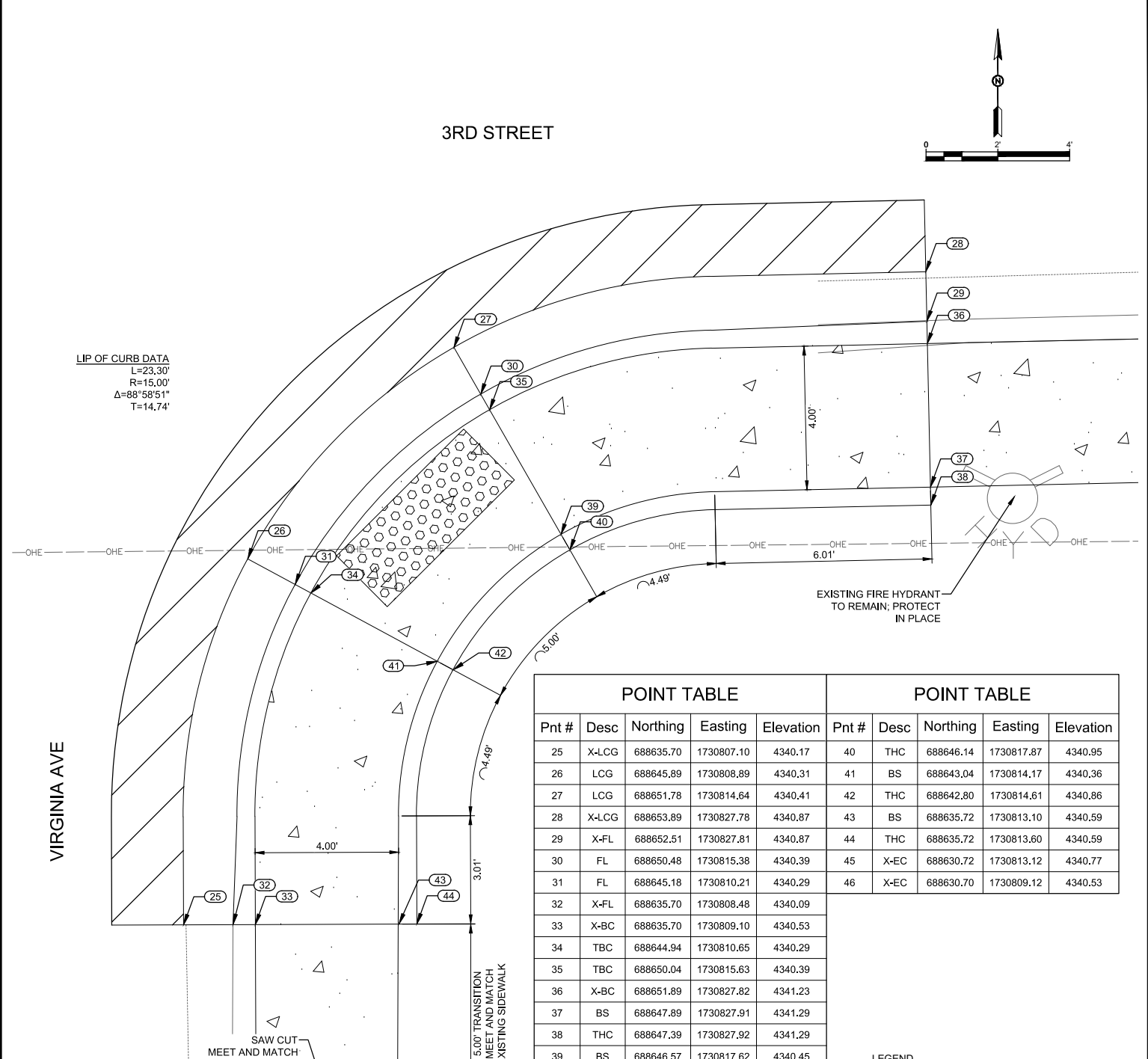
3RD STREET & VIRGINIA AVENUE
 CURB RAMP NORTHEAST
 RAMP #15

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.



LIP OF CURB DATA
 L=23.30'
 R=15.00'
 Δ=88°58'51"
 T=14.74'

VIRGINIA AVE

3RD STREET & VIRGINIA AVENUE
 CURB RAMP SOUTHEAST
 RAMP #16

POINT TABLE				POINT TABLE					
Pnt #	Desc	Northing	Easting	Elevation	Pnt #	Desc	Northing	Easting	Elevation
25	X-LCG	688635.70	1730807.10	4340.17	40	THC	688646.14	1730817.87	4340.95
26	LCG	688645.89	1730808.89	4340.31	41	BS	688643.04	1730814.17	4340.36
27	LCG	688651.78	1730814.64	4340.41	42	THC	688642.80	1730814.61	4340.86
28	X-LCG	688653.89	1730827.78	4340.87	43	BS	688635.72	1730813.10	4340.59
29	X-FL	688652.51	1730827.81	4340.87	44	THC	688635.72	1730813.60	4340.59
30	FL	688650.48	1730815.38	4340.39	45	X-EC	688630.72	1730813.12	4340.77
31	FL	688645.18	1730810.21	4340.29	46	X-EC	688630.70	1730809.12	4340.53
32	X-FL	688635.70	1730808.48	4340.09					
33	X-BC	688635.70	1730809.10	4340.53					
34	TBC	688644.94	1730810.65	4340.29					
35	TBC	688650.04	1730815.63	4340.39					
36	X-BC	688651.89	1730827.82	4341.23					
37	BS	688647.89	1730827.91	4341.29					
38	THC	688647.39	1730827.92	4341.29					
39	BS	688646.57	1730817.62	4340.45					

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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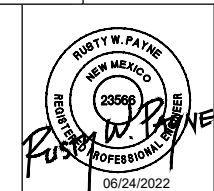
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REV. No.	DATE	DESCRIPTION	APPROVED

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 Professional Resources for Damage Prevention



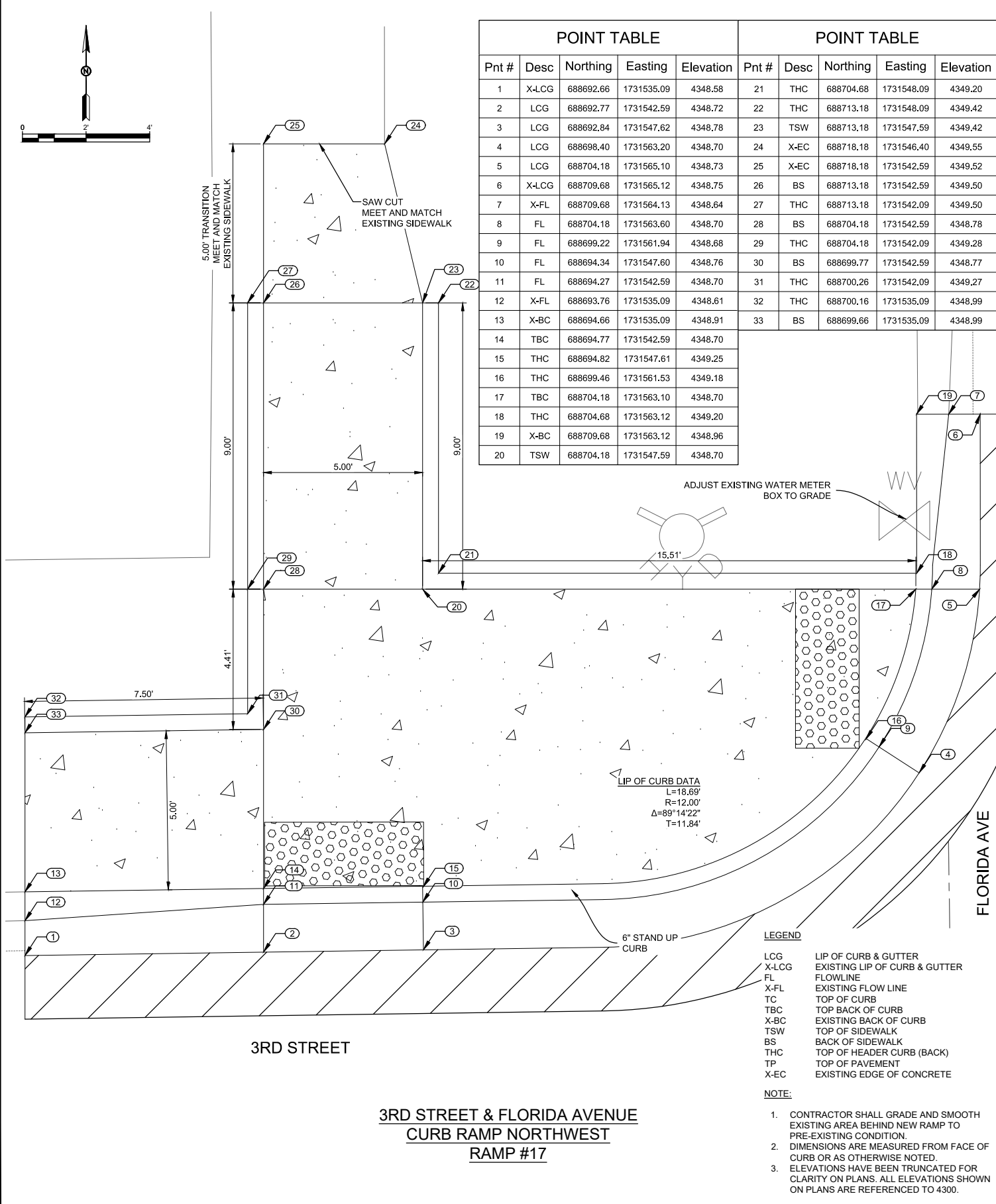
ADA Compliant Sidewalk Improvements
 RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



SMITH ENGINEERING
 Solutions for Today... Vision for Tomorrow
 201 N Church Street, Suite 200A, Las Cruces, NM 89001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD8.0**
 Sheet 64 of 91
 19-C-NR-I-01-G-18



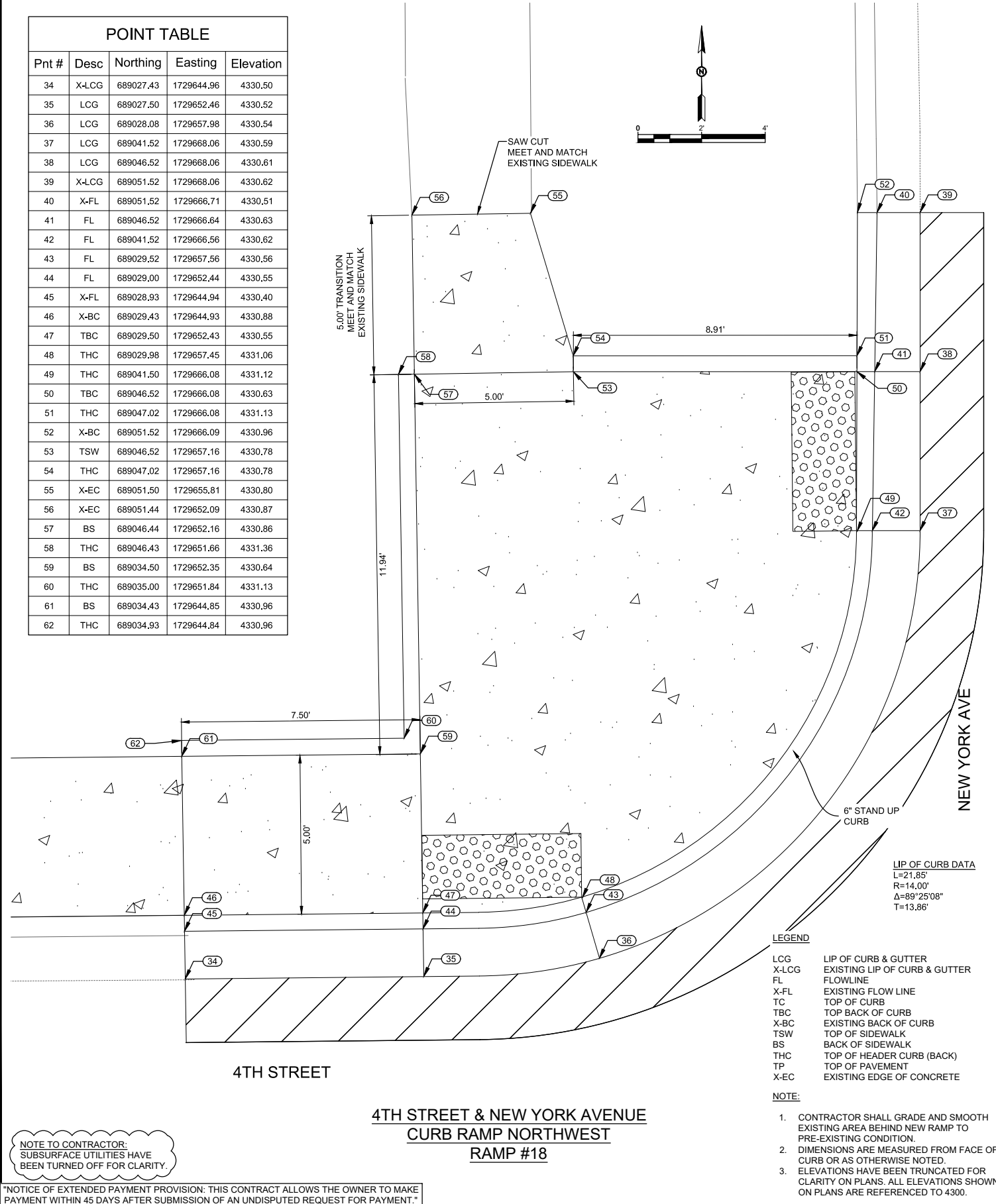
POINT TABLE					POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation	Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688692.66	1731535.09	4348.58	21	THC	688704.68	1731548.09	4349.20
2	LCG	688692.77	1731542.59	4348.72	22	THC	688713.18	1731548.09	4349.42
3	LCG	688692.84	1731547.62	4348.78	23	TSW	688713.18	1731547.59	4349.42
4	LCG	688698.40	1731563.20	4348.70	24	X-EC	688718.18	1731546.40	4349.55
5	LCG	688704.18	1731565.10	4348.73	25	X-EC	688718.18	1731542.59	4349.52
6	X-LCG	688709.68	1731565.12	4348.75	26	BS	688713.18	1731542.59	4349.50
7	X-FL	688709.68	1731564.13	4348.64	27	THC	688713.18	1731542.09	4349.50
8	FL	688704.18	1731563.60	4348.70	28	BS	688704.18	1731542.59	4348.78
9	FL	688699.22	1731561.94	4348.68	29	THC	688704.18	1731542.09	4349.28
10	FL	688694.34	1731547.60	4348.76	30	BS	688699.77	1731542.59	4348.77
11	FL	688694.27	1731542.59	4348.70	31	THC	688700.26	1731542.09	4349.27
12	X-FL	688693.76	1731535.09	4348.61	32	THC	688700.16	1731535.09	4348.99
13	X-BC	688694.66	1731535.09	4348.91	33	BS	688699.66	1731535.09	4348.99
14	TBC	688694.77	1731542.59	4348.70					
15	THC	688694.82	1731547.61	4349.25					
16	THC	688699.46	1731561.53	4349.18					
17	TBC	688704.18	1731563.10	4348.70					
18	THC	688704.68	1731563.12	4349.20					
19	X-BC	688709.68	1731563.12	4348.96					
20	TSW	688704.18	1731547.59	4348.70					

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
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**3RD STREET & FLORIDA AVENUE
CURB RAMP NORTHWEST
RAMP #17**



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689027.43	1729644.96	4330.50
35	LCG	689027.50	1729652.46	4330.52
36	LCG	689028.08	1729657.98	4330.54
37	LCG	689041.52	1729668.06	4330.59
38	LCG	689046.52	1729668.06	4330.61
39	X-LCG	689051.52	1729668.06	4330.62
40	X-FL	689051.52	1729666.71	4330.51
41	FL	689046.52	1729666.64	4330.63
42	FL	689041.52	1729666.56	4330.62
43	FL	689029.52	1729657.56	4330.56
44	FL	689029.00	1729652.44	4330.55
45	X-FL	689028.93	1729644.94	4330.40
46	X-BC	689029.43	1729644.93	4330.88
47	TBC	689029.50	1729652.43	4330.55
48	THC	689029.98	1729657.45	4331.06
49	THC	689041.50	1729666.08	4331.12
50	TBC	689046.52	1729666.08	4330.63
51	THC	689047.02	1729666.08	4331.13
52	X-BC	689051.52	1729666.09	4330.96
53	TSW	689046.52	1729657.16	4330.78
54	THC	689047.02	1729657.16	4330.78
55	X-EC	689051.50	1729655.81	4330.80
56	X-EC	689051.44	1729652.09	4330.87
57	BS	689046.44	1729652.16	4330.86
58	THC	689046.43	1729651.66	4331.36
59	BS	689034.50	1729652.35	4330.64
60	THC	689035.00	1729651.84	4331.13
61	BS	689034.43	1729644.85	4330.96
62	THC	689034.93	1729644.84	4330.96

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

- NOTE:**
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**4TH STREET & NEW YORK AVENUE
CURB RAMP NORTHWEST
RAMP #18**

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

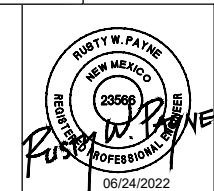
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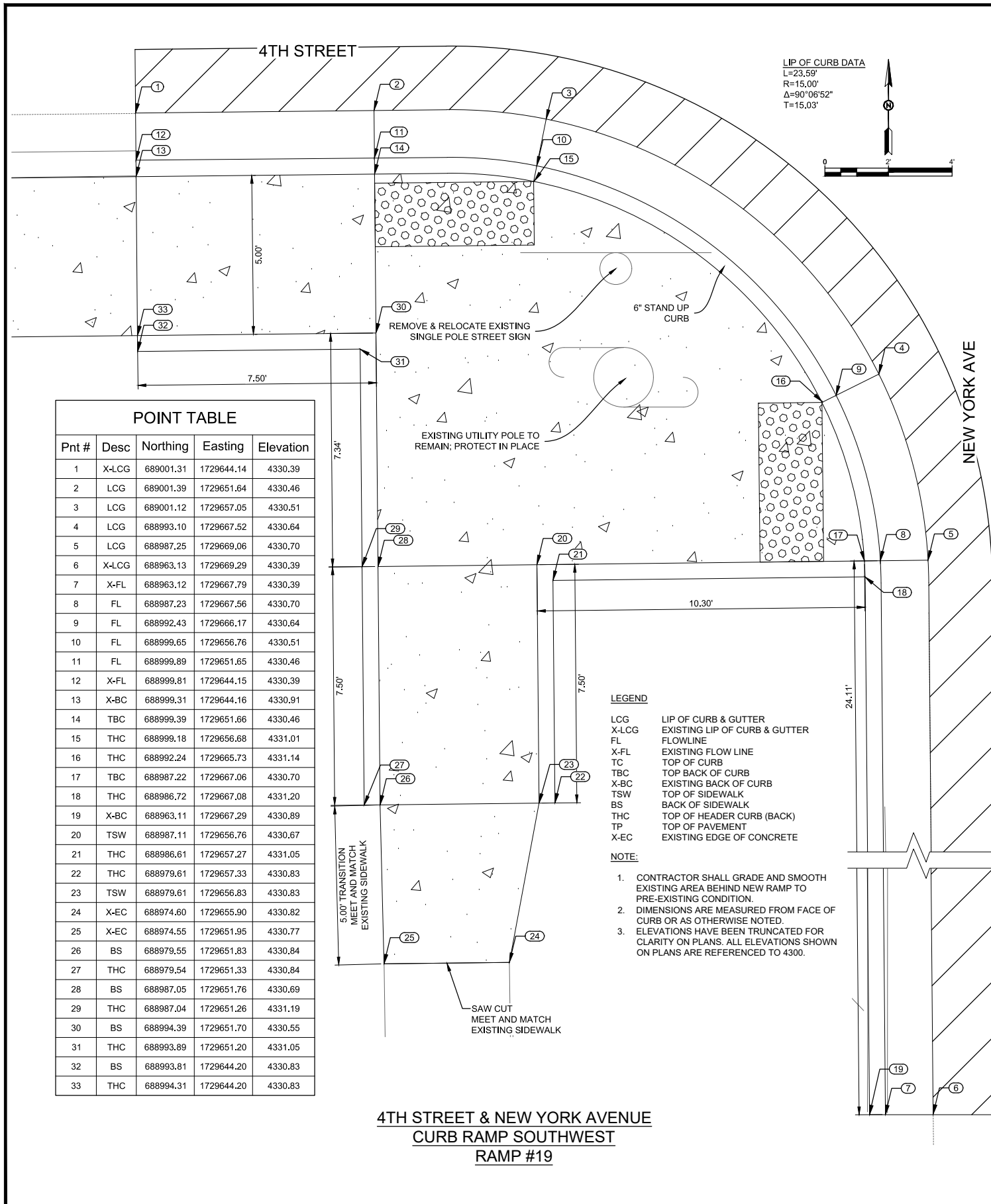
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 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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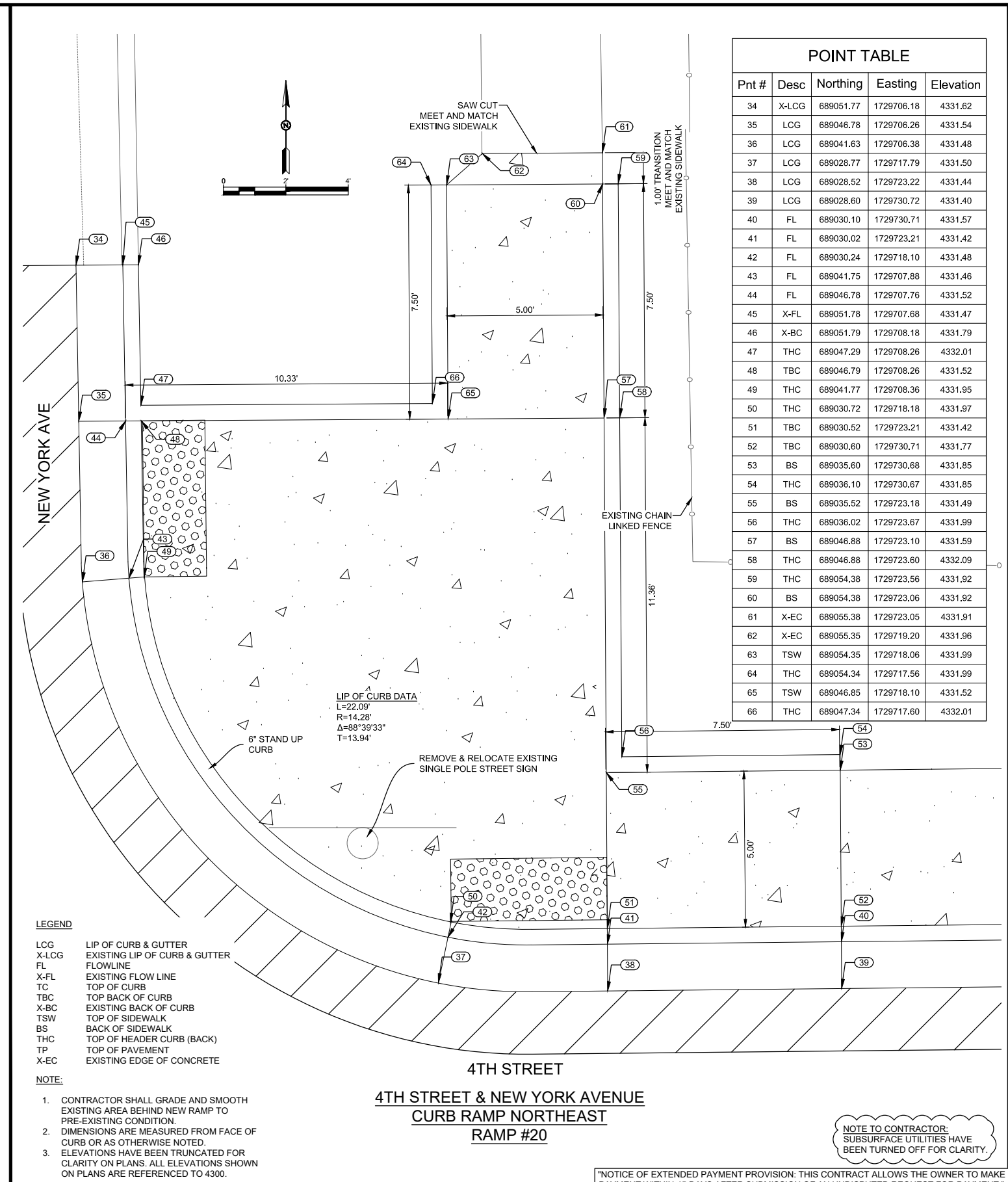
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 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD9.0**
 Sheet 65 of 91
 19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689001.31	1729644.14	4330.39
2	LCG	689001.39	1729651.64	4330.46
3	LCG	689001.12	1729657.05	4330.51
4	LCG	688993.10	1729667.52	4330.64
5	LCG	688987.25	1729669.06	4330.70
6	X-LCG	688963.13	1729669.29	4330.39
7	X-FL	688963.12	1729667.79	4330.39
8	FL	688987.23	1729667.56	4330.70
9	FL	688992.43	1729666.17	4330.64
10	FL	688999.65	1729656.76	4330.51
11	FL	688999.89	1729651.65	4330.46
12	X-FL	688999.81	1729644.15	4330.39
13	X-BC	688999.31	1729644.16	4330.91
14	TBC	688999.39	1729651.66	4330.46
15	THC	688999.18	1729656.68	4331.01
16	THC	688992.24	1729665.73	4331.14
17	TBC	688987.22	1729667.06	4330.70
18	THC	688986.72	1729667.08	4331.20
19	X-BC	688963.11	1729667.29	4330.89
20	TSW	688987.11	1729656.76	4330.67
21	THC	688986.61	1729657.27	4331.05
22	THC	688979.61	1729657.33	4330.83
23	TSW	688979.61	1729656.83	4330.83
24	X-EC	688974.60	1729655.90	4330.82
25	X-EC	688974.55	1729651.95	4330.77
26	BS	688979.55	1729651.83	4330.84
27	THC	688979.54	1729651.33	4330.84
28	BS	688987.05	1729651.76	4330.69
29	THC	688987.04	1729651.26	4331.19
30	BS	688994.39	1729651.70	4330.55
31	THC	688993.89	1729651.20	4331.05
32	BS	688993.81	1729644.20	4330.83
33	THC	688994.31	1729644.20	4330.83

4TH STREET & NEW YORK AVENUE
CURB RAMP SOUTHWEST
RAMP #19



Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689051.77	1729706.18	4331.62
35	LCG	689046.78	1729706.26	4331.54
36	LCG	689041.63	1729706.38	4331.48
37	LCG	689028.77	1729717.79	4331.50
38	LCG	689028.52	1729723.22	4331.44
39	LCG	689028.60	1729730.72	4331.40
40	FL	689030.10	1729730.71	4331.57
41	FL	689030.02	1729723.21	4331.42
42	FL	689030.24	1729718.10	4331.48
43	FL	689041.75	1729707.88	4331.46
44	FL	689046.78	1729707.76	4331.52
45	X-FL	689051.78	1729707.68	4331.47
46	X-BC	689051.79	1729708.18	4331.79
47	THC	689047.29	1729708.26	4332.01
48	TBC	689046.79	1729708.26	4331.52
49	THC	689041.77	1729708.36	4331.95
50	THC	689030.72	1729718.18	4331.97
51	TBC	689030.52	1729723.21	4331.42
52	TBC	689030.60	1729730.71	4331.77
53	BS	689035.60	1729730.68	4331.85
54	THC	689036.10	1729730.67	4331.85
55	BS	689035.52	1729723.18	4331.49
56	THC	689036.02	1729723.67	4331.99
57	BS	689046.88	1729723.10	4331.59
58	THC	689046.88	1729723.60	4332.09
59	THC	689054.38	1729723.56	4331.92
60	BS	689054.38	1729723.06	4331.92
61	X-EC	689055.38	1729723.05	4331.91
62	X-EC	689055.35	1729719.20	4331.96
63	TSW	689054.35	1729718.06	4331.99
64	THC	689054.34	1729717.56	4331.99
65	TSW	689046.85	1729718.10	4331.52
66	THC	689047.34	1729717.60	4332.01

4TH STREET & NEW YORK AVENUE
CURB RAMP NORTHEAST
RAMP #20

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

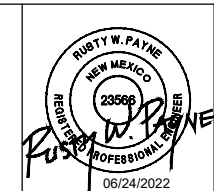
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



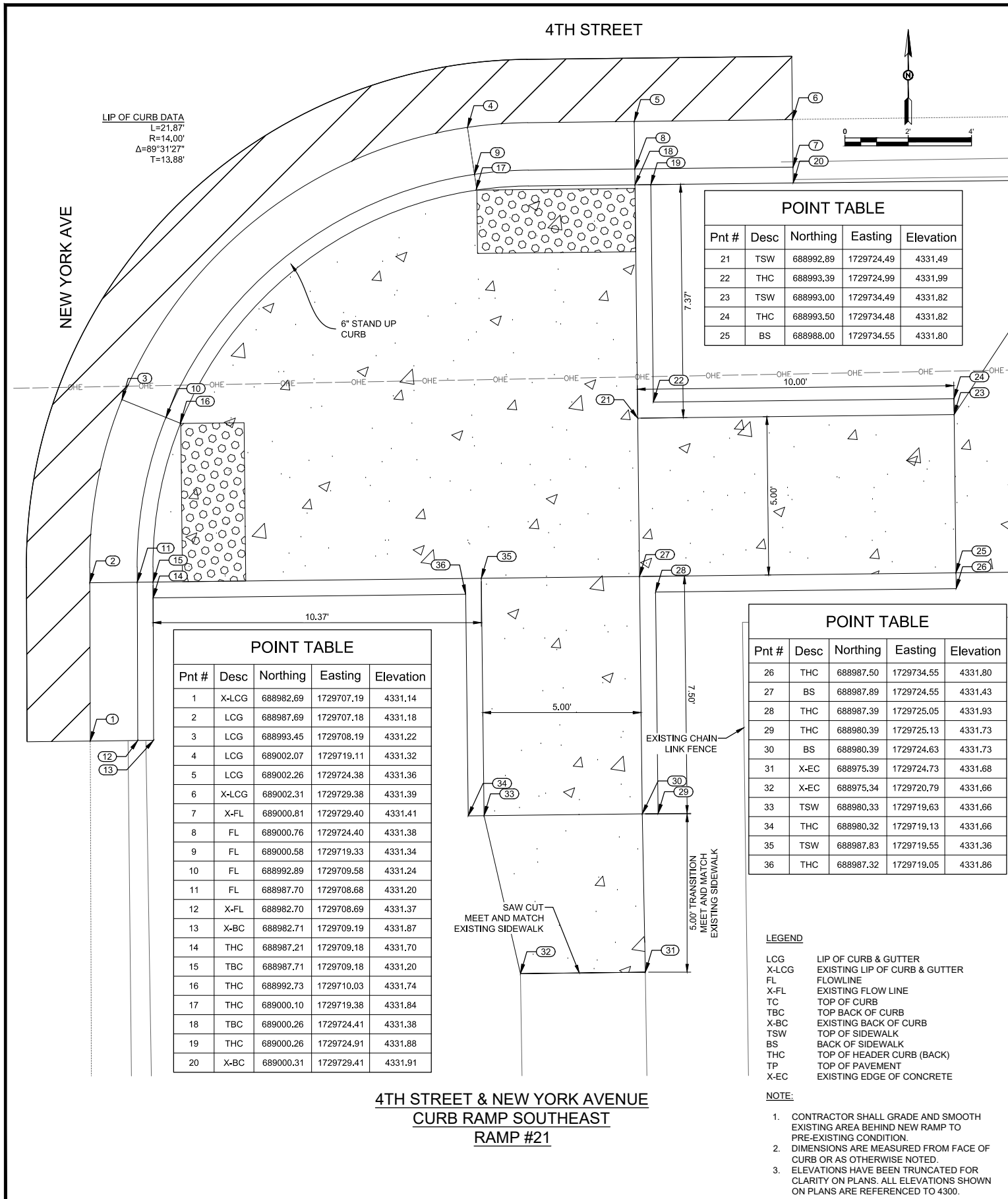
ADA Compliant Sidewalk Improvements
 RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



SMITH ENGINEERING
 Solutions for Today...
 Vision for Tomorrow
 201 N Church Street
 Suite 200A
 Las Cruces, NM 89001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	Sheet 66 of 91

GD10.0
 19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688982.69	1729707.19	4331.14
2	LCG	688987.69	1729707.18	4331.18
3	LCG	688993.45	1729708.19	4331.22
4	LCG	689002.07	1729719.11	4331.32
5	LCG	689002.26	1729724.38	4331.36
6	X-LCG	689002.31	1729729.38	4331.39
7	X-FL	689000.81	1729729.40	4331.41
8	FL	689000.76	1729724.40	4331.38
9	FL	689000.58	1729719.33	4331.34
10	FL	688992.89	1729709.58	4331.24
11	FL	688987.70	1729708.68	4331.20
12	X-FL	688982.70	1729708.69	4331.37
13	X-BC	688982.71	1729709.19	4331.87
14	THC	688987.21	1729709.18	4331.70
15	TBC	688987.71	1729709.18	4331.20
16	THC	688992.73	1729710.03	4331.74
17	THC	689000.10	1729719.38	4331.84
18	TBC	689000.26	1729724.41	4331.38
19	THC	689000.26	1729724.91	4331.88
20	X-BC	689000.31	1729729.41	4331.91

Pnt #	Desc	Northing	Easting	Elevation
21	TSW	688992.89	1729724.49	4331.49
22	THC	688993.39	1729724.99	4331.99
23	TSW	688993.00	1729734.49	4331.82
24	THC	688993.50	1729734.48	4331.82
25	BS	688988.00	1729734.55	4331.80

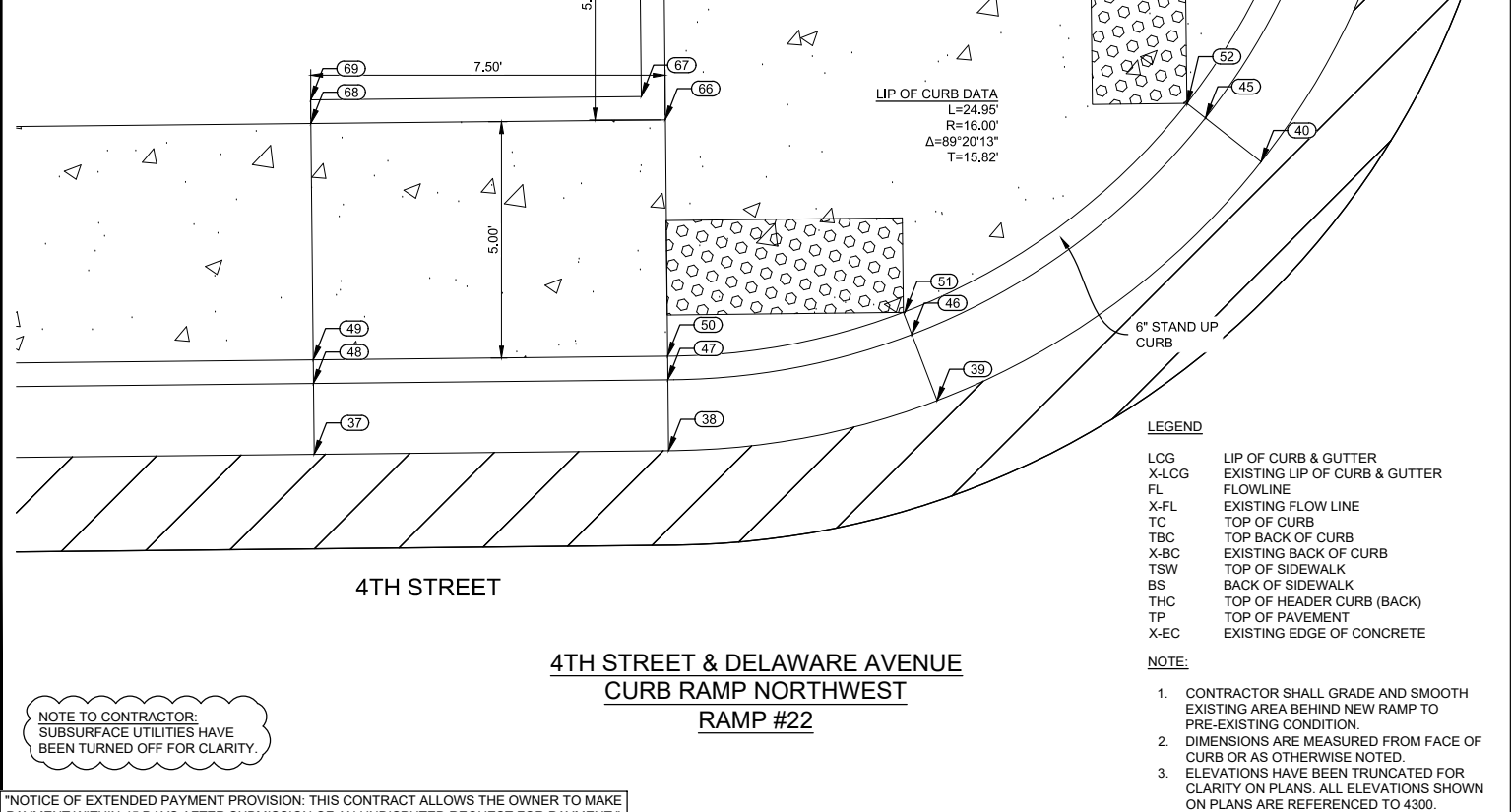
Pnt #	Desc	Northing	Easting	Elevation
26	THC	688987.50	1729734.55	4331.80
27	BS	688987.89	1729724.55	4331.43
28	THC	688987.39	1729725.05	4331.93
29	THC	688980.39	1729725.13	4331.73
30	BS	688980.39	1729724.63	4331.73
31	X-EC	688975.39	1729724.73	4331.68
32	X-EC	688975.34	1729720.79	4331.66
33	TSW	688980.33	1729719.63	4331.66
34	THC	688980.32	1729719.13	4331.66
35	TSW	688987.83	1729719.55	4331.36
36	THC	688987.32	1729719.05	4331.86

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

**4TH STREET & NEW YORK AVENUE
CURB RAMP SOUTHEAST
RAMP #21**

Pnt #	Desc	Northing	Easting	Elevation
37	LCG	689031.16	1729980.49	4333.72
38	LCG	689031.24	1729987.99	4333.92
39	LCG	689032.30	1729993.68	4333.95
40	LCG	689037.35	1730000.53	4334.00
41	LCG	689043.64	1730003.54	4334.03
42	X-LCG	689048.64	1730003.96	4334.09
43	X-FL	689048.62	1730002.46	4334.11
44	FL	689043.62	1730002.00	4334.06
45	FL	689038.28	1729999.36	4334.02
46	FL	689033.70	1729993.14	4333.98
47	FL	689032.74	1729987.98	4333.95
48	FL	689032.66	1729980.48	4333.75
49	TBC	689033.16	1729980.47	4334.25
50	TBC	689033.24	1729987.97	4333.95
51	THC	689034.15	1729992.99	4334.48
52	THC	689038.56	1729998.97	4334.47
53	TBC	689043.61	1730001.48	4334.06
54	THC	689044.12	1730001.60	4334.61
55	X-BC	689048.62	1730001.96	4334.63
56	TSW	689043.53	1729992.87	4334.10
57	THC	689044.03	1729993.36	4334.60
58	THC	689053.03	1729993.27	4334.28
59	TSW	689053.03	1729992.77	4334.28
60	X-EC	689057.99	1729991.56	4334.40
61	X-EC	689057.84	1729987.74	4334.28
62	BS	689052.97	1729987.77	4334.30
63	THC	689052.97	1729987.27	4334.30
64	BS	689043.47	1729987.87	4334.12
65	THC	689043.47	1729987.37	4334.62
66	BS	689038.24	1729987.92	4334.03



Pnt #	Desc	Northing	Easting	Elevation
67	THC	689038.73	1729987.42	4334.53
68	BS	689038.16	1729980.42	4334.32
69	THC	689038.66	1729980.42	4334.32

LIP OF CURB DATA
L=24.95'
R=16.00'
Δ=89°20'13"
T=15.82'

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

- NOTE:**
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**4TH STREET & DELAWARE AVENUE
CURB RAMP NORTHWEST
RAMP #22**

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

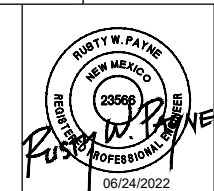
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
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Professional Resources for Damage Prevention



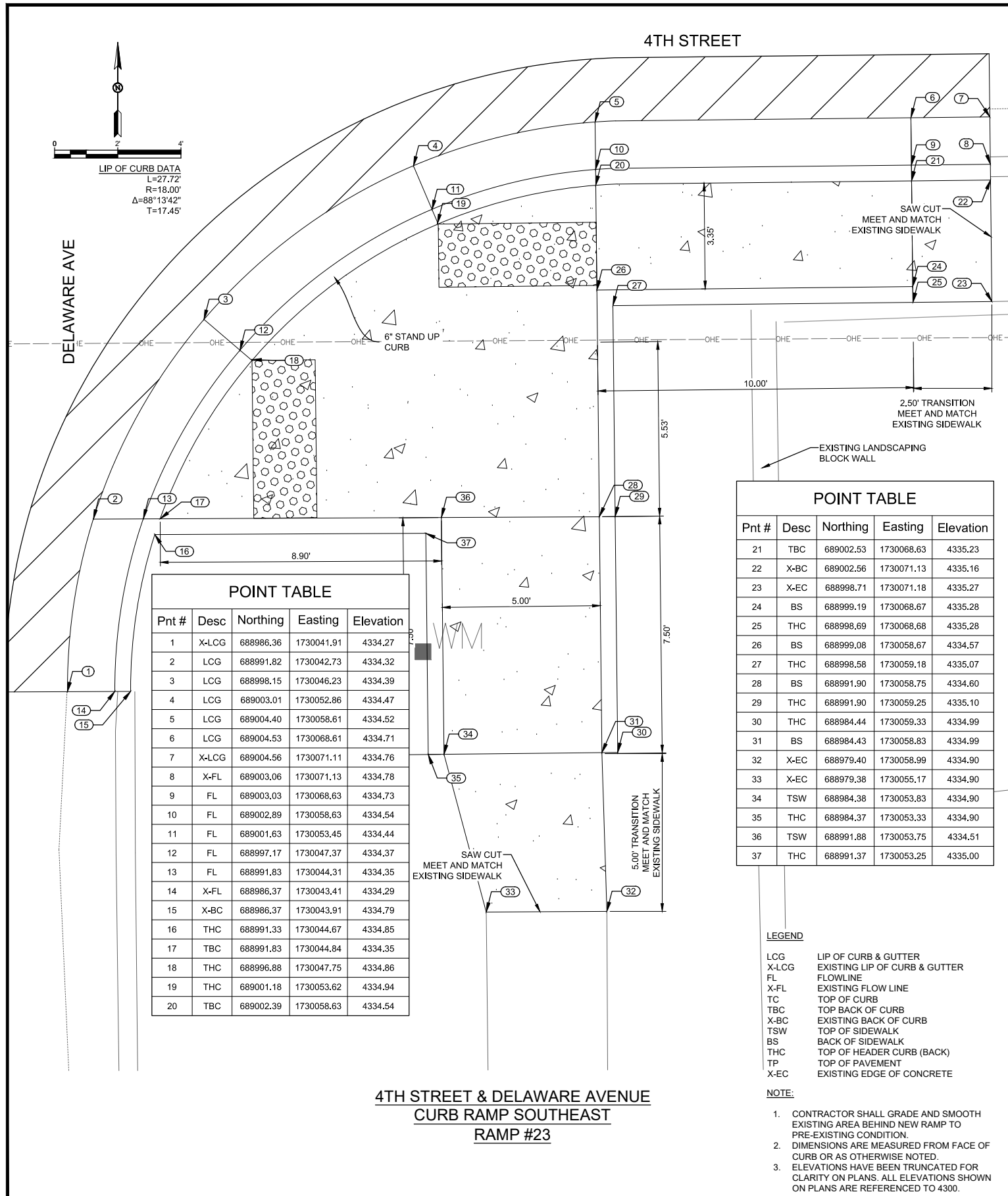
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Phone: 575-523-2395
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Public Works Bid No.: 2022-004
Drawn By: SMITH Designed By: SMITH
Checked By: SMITH Approved By: COA
Scale: HORIZ. BAR SCALE
INCLUDE VERT SCALE ON P&P

Sheet No.: **GD11.0**
Sheet 67 of 91
19-C-NR-I-01-G-18



POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688986.36	1730041.91	4334.27
2	LCG	688991.82	1730042.73	4334.32
3	LCG	688998.15	1730046.23	4334.39
4	LCG	689003.01	1730052.86	4334.47
5	LCG	689004.40	1730058.61	4334.52
6	LCG	689004.53	1730068.61	4334.71
7	X-LCG	689004.56	1730071.11	4334.76
8	X-FL	689003.06	1730071.13	4334.78
9	FL	689003.03	1730068.63	4334.73
10	FL	689002.89	1730058.63	4334.54
11	FL	689001.63	1730053.45	4334.44
12	FL	688997.17	1730047.37	4334.37
13	FL	688991.83	1730044.31	4334.35
14	X-FL	688986.37	1730043.41	4334.29
15	X-BC	688986.37	1730043.91	4334.79
16	THC	688991.33	1730044.67	4334.85
17	TBC	688991.83	1730044.84	4334.35
18	THC	688996.88	1730047.75	4334.86
19	THC	689001.18	1730053.62	4334.94
20	TBC	689002.39	1730058.63	4334.54

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
21	TBC	689002.53	1730068.63	4335.23
22	X-BC	689002.56	1730071.13	4335.16
23	X-EC	688998.71	1730071.18	4335.27
24	BS	688999.19	1730068.67	4335.28
25	THC	688998.69	1730068.68	4335.28
26	BS	688999.08	1730058.67	4334.57
27	THC	688998.58	1730059.18	4335.07
28	BS	688991.90	1730058.75	4334.60
29	THC	688991.90	1730059.25	4335.10
30	THC	688984.44	1730059.33	4334.99
31	BS	688984.43	1730058.83	4334.99
32	X-EC	688979.40	1730058.99	4334.90
33	X-EC	688979.38	1730055.17	4334.90
34	TSW	688984.38	1730053.83	4334.90
35	THC	688984.37	1730053.33	4334.90
36	TSW	688991.88	1730053.75	4334.51
37	THC	688991.37	1730053.25	4335.00

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

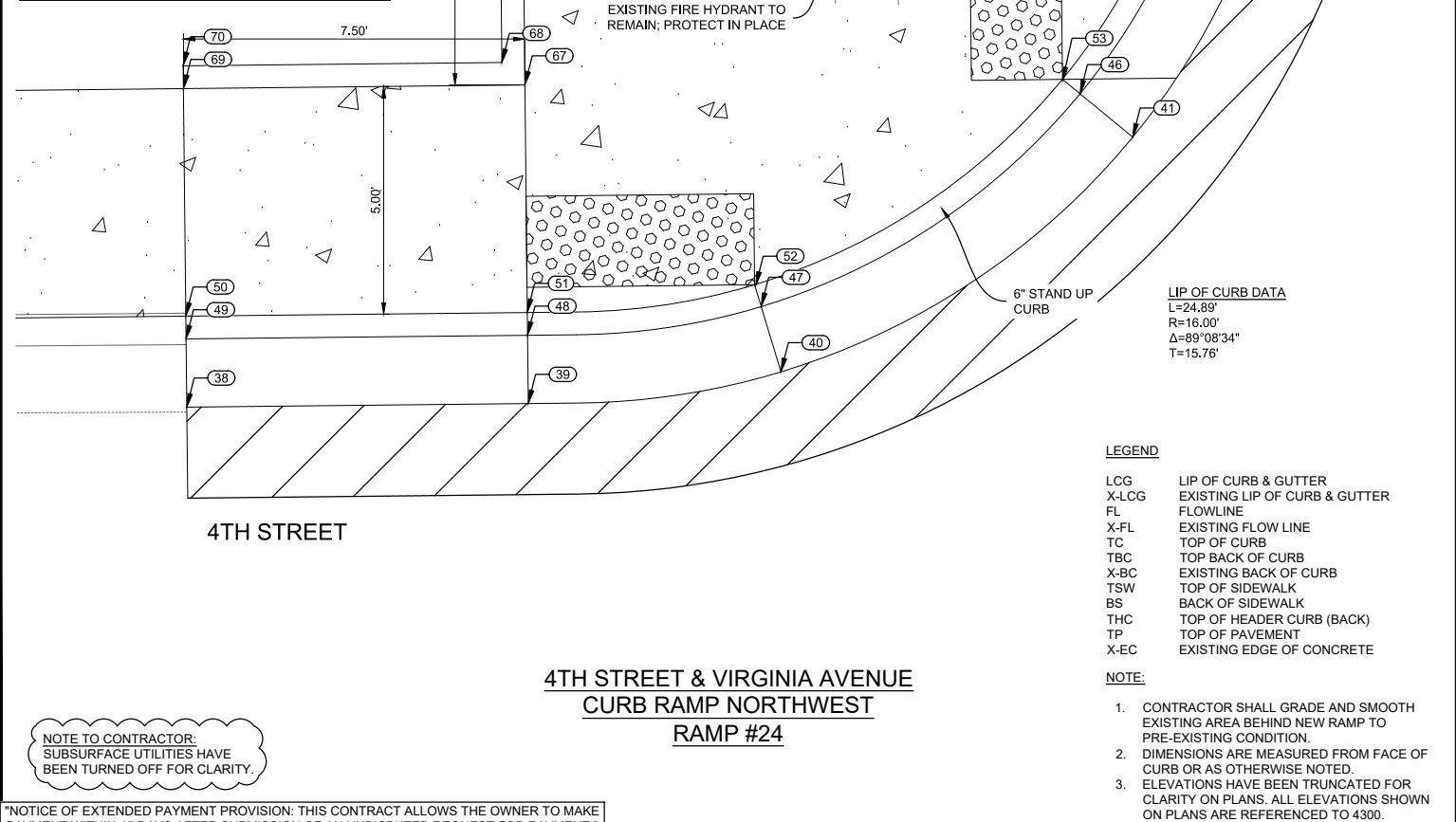
- NOTE:**
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 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
38	X-LCG	689040.91	1730739.70	4342.26
39	LCG	689040.99	1730747.20	4342.29
40	LCG	689041.69	1730752.75	4342.42
41	LCG	689046.85	1730760.48	4342.46
42	LCG	689053.17	1730763.65	4342.47
43	X-LCG	689058.17	1730764.12	4342.44
44	X-FL	689058.15	1730762.62	4342.44
45	FL	689053.15	1730762.09	4342.50
46	FL	689047.80	1730759.32	4342.44
47	FL	689043.12	1730752.32	4342.40
48	FL	689042.49	1730747.18	4342.39
49	X-FL	689042.41	1730739.68	4342.28
50	X-BC	689042.91	1730739.68	4342.78
51	TBC	689042.99	1730747.18	4342.39
52	THC	689043.59	1730752.20	4342.89
53	THC	689048.09	1730758.93	4342.94
54	TBC	689053.14	1730761.57	4342.50
55	THC	689053.64	1730761.71	4342.94
56	X-BC	689058.15	1730762.12	4342.94
57	TSW	689053.04	1730752.07	4342.54
58	THC	689053.55	1730752.57	4343.04
59	THC	689060.55	1730752.49	4342.77
60	TSW	689060.54	1730751.99	4342.77
61	X-EC	689065.53	1730750.76	4342.77
62	X-EC	689065.49	1730746.94	4342.70
63	BS	689060.49	1730746.99	4342.79
64	THC	689060.49	1730746.49	4342.79
65	BS	689052.99	1730747.07	4342.57
66	THC	689052.99	1730746.57	4343.07

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
67	BS	689047.99	1730747.12	4342.48
68	THC	689048.49	1730746.62	4342.97
69	BS	689047.91	1730739.63	4342.85
70	THC	689048.41	1730739.62	4342.85



- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
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REV. No.	DATE	DESCRIPTION	APPROVED

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 Professional Resources for Damage Prevention

ADA Compliant Sidewalk Improvements

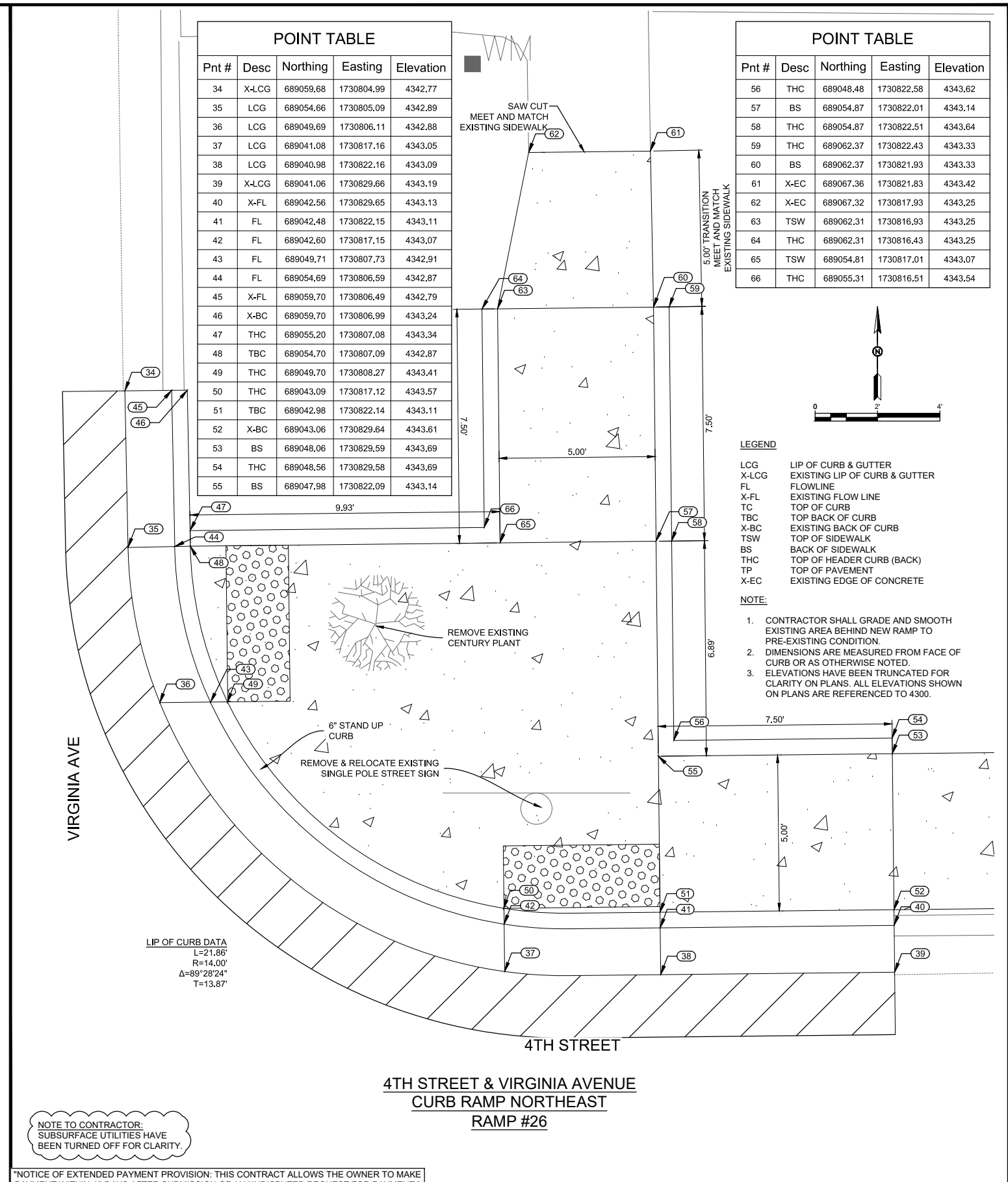
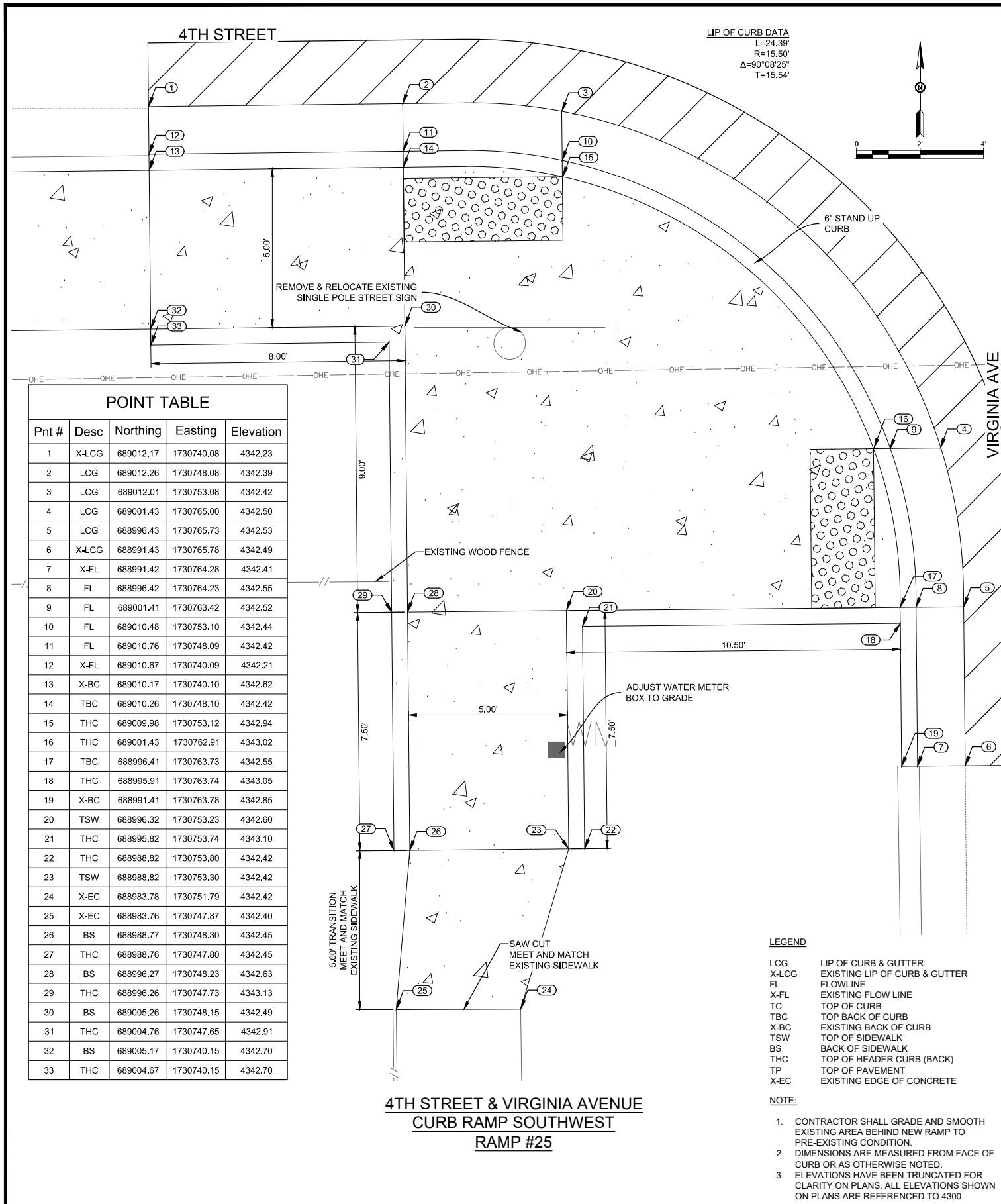
RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD12.0**
 Sheet 68 of 91
 19-C-NR-I-01-G-18



POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689012.17	1730740.08	4342.23
2	LCG	689012.26	1730748.08	4342.39
3	LCG	689012.01	1730753.08	4342.42
4	LCG	689001.43	1730765.00	4342.50
5	LCG	688996.43	1730765.73	4342.53
6	X-LCG	688991.43	1730765.78	4342.49
7	X-FL	688991.42	1730764.28	4342.41
8	FL	688996.42	1730764.23	4342.55
9	FL	689001.41	1730763.42	4342.52
10	FL	689010.48	1730753.10	4342.44
11	FL	689010.76	1730748.09	4342.42
12	X-FL	689010.67	1730740.09	4342.21
13	X-BC	689010.17	1730740.10	4342.62
14	TBC	689010.26	1730748.10	4342.42
15	THC	689009.98	1730753.12	4342.94
16	THC	689001.43	1730762.91	4343.02
17	TBC	688996.41	1730763.73	4342.55
18	THC	688995.91	1730763.74	4343.05
19	X-BC	688991.41	1730763.78	4342.85
20	TSW	688996.32	1730753.23	4342.60
21	THC	688995.82	1730753.74	4343.10
22	THC	688988.82	1730753.80	4342.42
23	TSW	688988.82	1730753.30	4342.42
24	X-EC	688983.78	1730751.79	4342.42
25	X-EC	688983.76	1730747.87	4342.40
26	BS	688988.77	1730748.30	4342.45
27	THC	688988.76	1730747.80	4342.45
28	BS	688996.27	1730748.23	4342.63
29	THC	688996.26	1730747.73	4343.13
30	BS	689005.26	1730748.15	4342.49
31	THC	689004.76	1730747.65	4342.91
32	BS	689005.17	1730740.15	4342.70
33	THC	689004.67	1730740.15	4342.70

**4TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHWEST
RAMP #25**

LEGEND

LCG LIP OF CURB & GUTTER
 X-LCG EXISTING LIP OF CURB & GUTTER
 FL FLOWLINE
 X-FL EXISTING FLOW LINE
 TC TOP OF CURB
 TBC TOP BACK OF CURB
 X-BC EXISTING BACK OF CURB
 TSW TOP OF SIDEWALK
 BS BACK OF SIDEWALK
 THC TOP OF HEADER CURB (BACK)
 TP TOP OF PAVEMENT
 X-EC EXISTING EDGE OF CONCRETE

NOTE:

- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
- DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
- ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

LIP OF CURB DATA
 L=21.86'
 R=14.00'
 $\Delta=89^{\circ}28'24''$
 T=13.87'

NOTE TO CONTRACTOR:
 SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

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

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689059.68	1730804.99	4342.77
35	LCG	689054.66	1730805.09	4342.89
36	LCG	689049.69	1730806.11	4342.88
37	LCG	689041.08	1730817.16	4343.05
38	LCG	689040.98	1730822.16	4343.09
39	X-LCG	689041.06	1730829.66	4343.19
40	X-FL	689042.56	1730829.65	4343.13
41	FL	689042.48	1730822.15	4343.11
42	FL	689042.60	1730817.15	4343.07
43	FL	689049.71	1730807.73	4342.91
44	FL	689054.69	1730806.59	4342.87
45	X-FL	689059.70	1730806.49	4342.79
46	X-BC	689059.70	1730806.99	4343.24
47	THC	689055.20	1730807.08	4343.34
48	TBC	689054.70	1730807.09	4342.87
49	THC	689049.70	1730808.27	4343.41
50	THC	689043.09	1730817.12	4343.57
51	TBC	689042.98	1730822.14	4343.11
52	X-BC	689043.06	1730829.64	4343.61
53	BS	689048.06	1730829.59	4343.69
54	THC	689048.56	1730829.58	4343.69
55	BS	689047.98	1730822.09	4343.14

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
56	THC	689048.48	1730822.58	4343.62
57	BS	689054.87	1730822.01	4343.14
58	THC	689054.87	1730822.51	4343.64
59	THC	689062.37	1730822.43	4343.33
60	BS	689062.37	1730821.93	4343.33
61	X-EC	689067.36	1730821.83	4343.42
62	X-EC	689067.32	1730817.93	4343.25
63	TSW	689062.31	1730816.93	4343.25
64	THC	689062.31	1730816.43	4343.25
65	TSW	689054.81	1730817.01	4343.07
66	THC	689055.31	1730816.51	4343.54

LEGEND

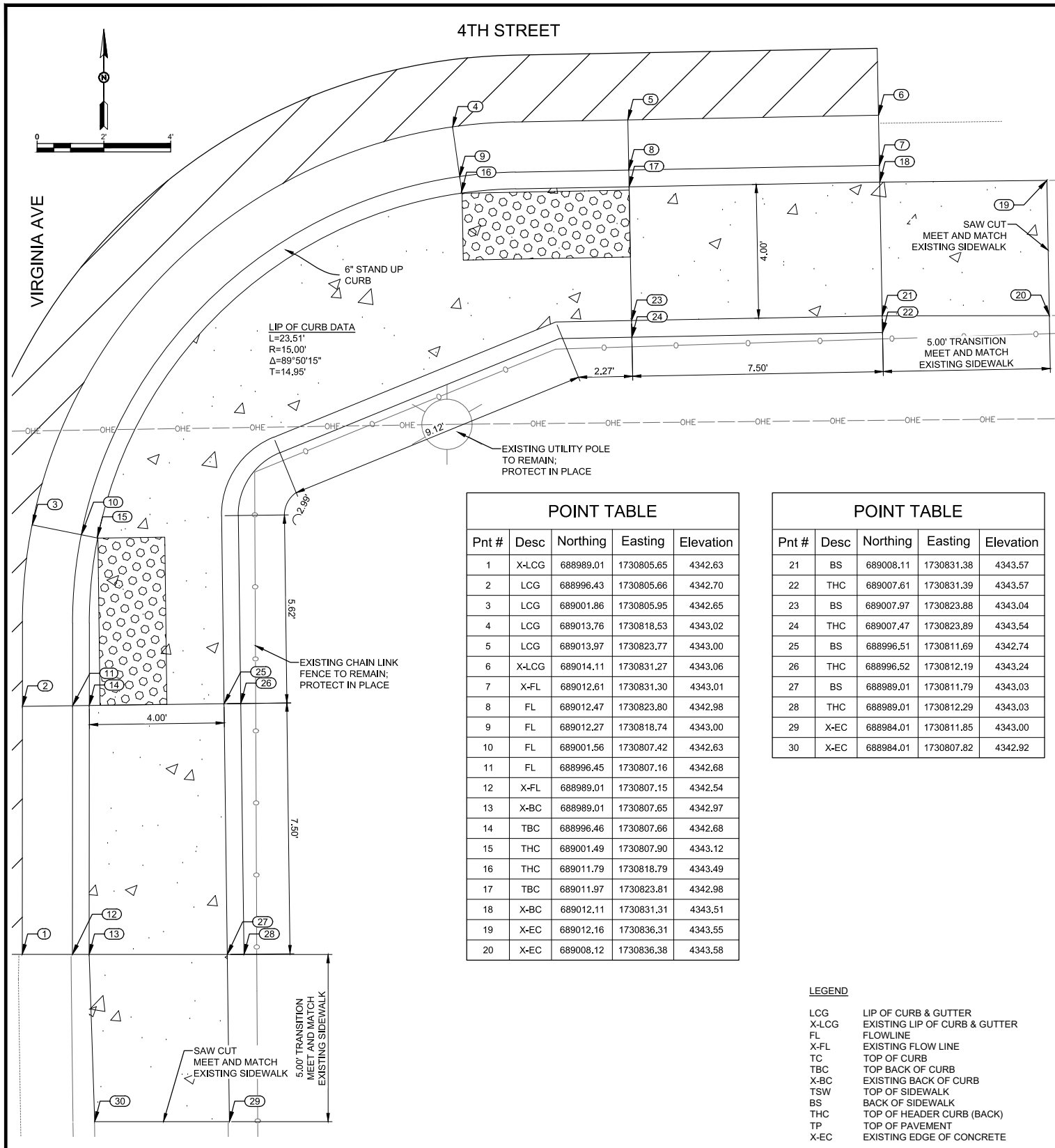
LCG LIP OF CURB & GUTTER
 X-LCG EXISTING LIP OF CURB & GUTTER
 FL FLOWLINE
 X-FL EXISTING FLOW LINE
 TC TOP OF CURB
 TBC TOP BACK OF CURB
 X-BC EXISTING BACK OF CURB
 TSW TOP OF SIDEWALK
 BS BACK OF SIDEWALK
 THC TOP OF HEADER CURB (BACK)
 TP TOP OF PAVEMENT
 X-EC EXISTING EDGE OF CONCRETE

NOTE:

- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
- DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
- ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

**4TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHEAST
RAMP #26**

<p>Rev. No. DATE DESCRIPTION APPROVED</p>	<p>New Mexico One Call, Inc. Call 2 days before you dig! Dial 811 or 1-800-321-2537 Professional Resources for Damage Prevention</p>	<p> ADA Compliant Sidewalk Improvements RAMP DETAILS CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT</p>	<p> RUSTY W. PAYNE NEW MEXICO 23566 PROFESSIONAL ENGINEER 06/24/2022</p>	<p> Solutions for Today... Vision for Tomorrow 201 N Church Street Suite 200A Las Cruces, NM 89001 Phone: 575-523-2395 www.smithengineering.pro</p>	<p>Public Works Bid No.: 2022-004 Drawn By: SMITH Designed By: SMITH Checked By: SMITH Approved By: COA</p>	<p>Sheet No.: GD13.0 Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P Sheet 69 of 91 19-C-NR-I-01-G-18</p>
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Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	688989.01	1730805.65	4342.63
2	LCG	688996.43	1730805.66	4342.70
3	LCG	689001.86	1730805.95	4342.65
4	LCG	689013.76	1730818.53	4343.02
5	LCG	689013.97	1730823.77	4343.00
6	X-LCG	689014.11	1730831.27	4343.06
7	X-FL	689012.61	1730831.30	4343.01
8	FL	689012.47	1730823.80	4342.98
9	FL	689012.27	1730818.74	4343.00
10	FL	689001.56	1730807.42	4342.63
11	FL	688996.45	1730807.16	4342.68
12	X-FL	688989.01	1730807.15	4342.54
13	X-BC	688989.01	1730807.65	4342.97
14	TBC	688996.46	1730807.66	4342.68
15	THC	689001.49	1730807.90	4343.12
16	THC	689011.79	1730818.79	4343.49
17	TBC	689011.97	1730823.81	4342.98
18	X-BC	689012.11	1730831.31	4343.51
19	X-EC	689012.16	1730836.31	4343.55
20	X-EC	689008.12	1730836.38	4343.58

Pnt #	Desc	Northing	Easting	Elevation
21	BS	689008.11	1730831.38	4343.57
22	THC	689007.61	1730831.39	4343.57
23	BS	689007.97	1730823.88	4343.04
24	THC	689007.47	1730823.89	4343.54
25	BS	688996.51	1730811.69	4342.74
26	THC	688996.52	1730812.19	4343.24
27	BS	688989.01	1730811.79	4343.03
28	THC	688989.01	1730812.29	4343.03
29	X-EC	688984.01	1730811.85	4343.00
30	X-EC	688984.01	1730807.82	4342.92

LEGEND

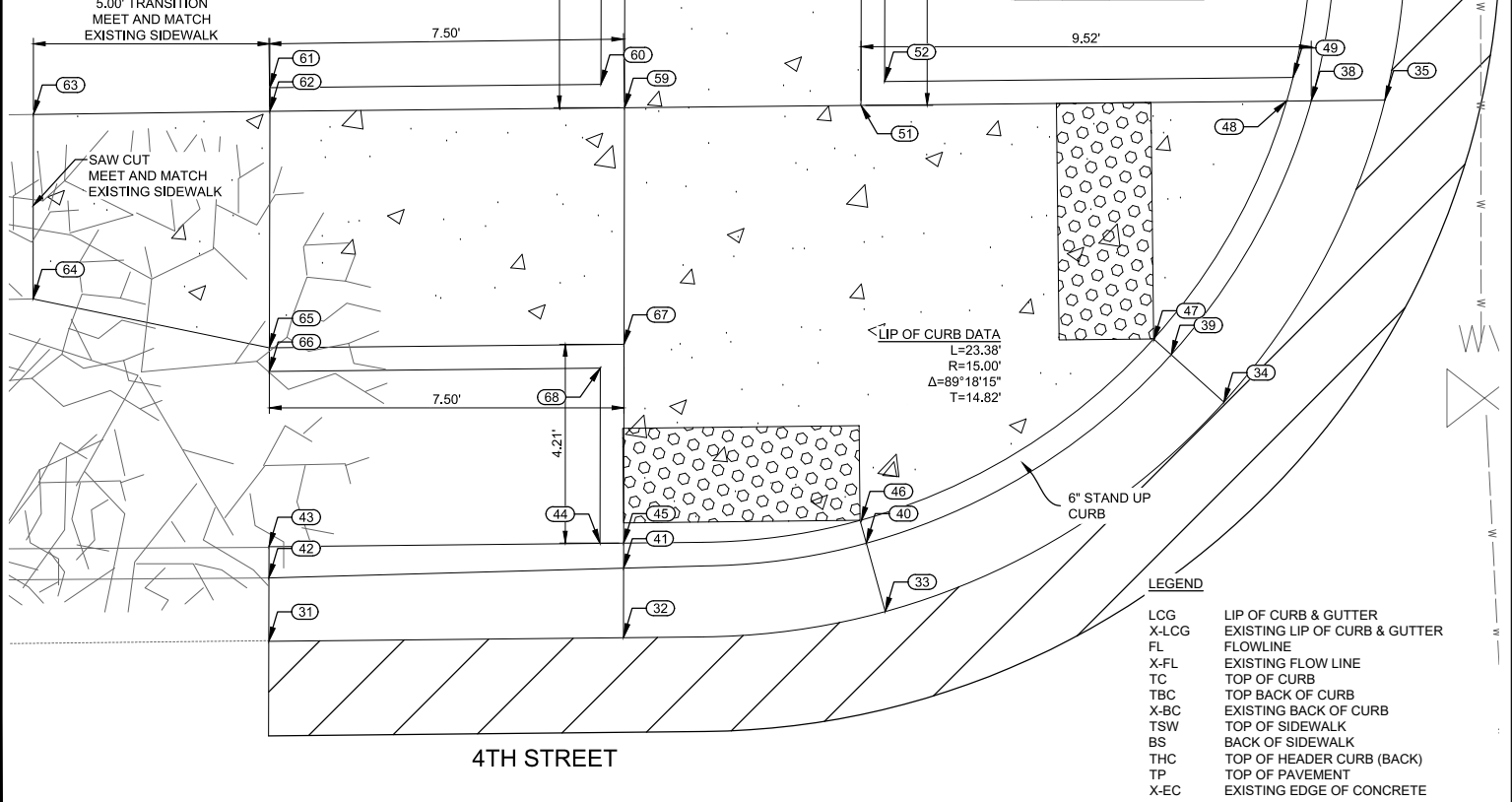
- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

**4TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHEAST
RAMP #27**

Pnt #	Desc	Northing	Easting	Elevation
31	X-LCG	689048.41	1731531.33	4350.55
32	LCG	689048.48	1731538.83	4350.55
33	LCG	689049.04	1731544.37	4350.56
34	LCG	689053.46	1731551.53	4350.58
35	LCG	689059.85	1731554.93	4350.60
36	X-LCG	689064.86	1731555.39	4350.52
37	X-FL	689064.84	1731554.11	4350.54
38	FL	689059.84	1731553.38	4350.62
39	FL	689054.47	1731550.42	4350.60
40	FL	689050.48	1731543.97	4350.58
41	FL	689049.95	1731538.83	4350.57
42	X-FL	689049.75	1731531.33	4350.52
43	X-BC	689050.41	1731531.34	4350.93
44	THC	689050.48	1731538.34	4351.07
45	TBC	689050.48	1731538.84	4350.57
46	THC	689050.95	1731543.86	4351.08
47	THC	689054.77	1731550.05	4351.10
48	TBC	689059.83	1731552.86	4350.62
49	THC	689060.33	1731552.99	4351.12
50	X-BC	689064.84	1731553.39	4351.03
51	TSW	689059.74	1731543.86	4350.67
52	THC	689060.25	1731544.36	4351.17
53	THC	689067.24	1731544.37	4351.08
54	TSW	689067.24	1731543.87	4351.08



Pnt #	Desc	Northing	Easting	Elevation
55	X-EC	689072.23	1731542.59	4351.12
56	X-EC	689072.19	1731538.77	4351.15
57	BS	689067.19	1731538.87	4351.10
58	THC	689067.19	1731538.37	4351.10
59	BS	689059.69	1731538.85	4350.69
60	THC	689060.18	1731538.36	4351.19
61	THC	689060.11	1731531.36	4351.30
62	BS	689059.61	1731531.35	4351.25
63	X-EC	689059.55	1731526.35	4351.10
64	X-EC	689055.65	1731526.35	4351.28
65	TSW	689054.61	1731531.34	4351.22
66	THC	689054.11	1731531.34	4350.95
67	TSW	689054.69	1731538.84	4350.62
68	THC	689054.18	1731538.34	4351.12

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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**4TH STREET & FLORIDA AVENUE
CURB RAMP NORTHWEST
RAMP #28**

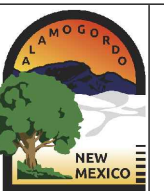
NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

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

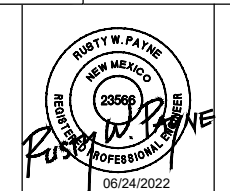
REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



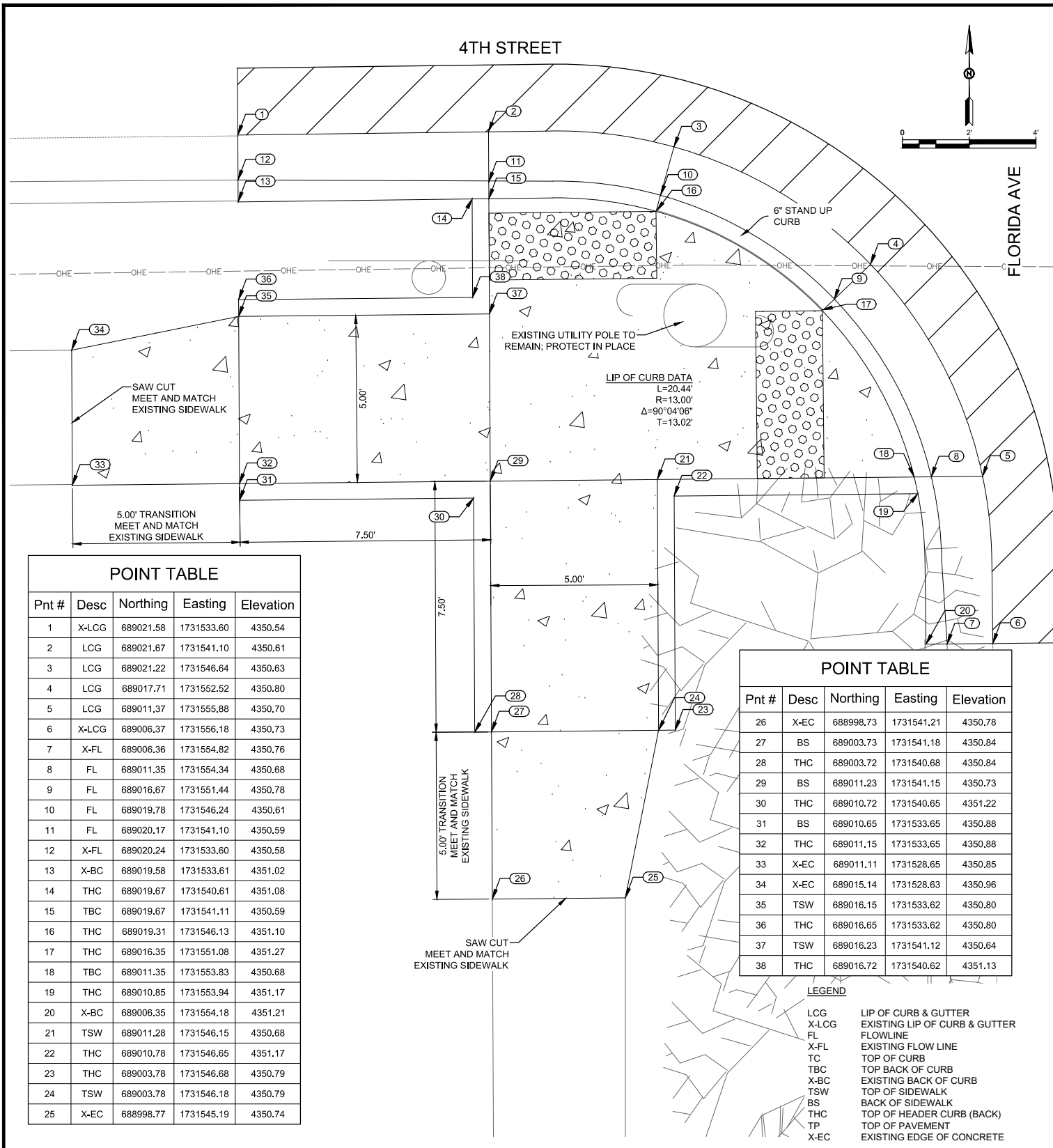
ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT




 Solutions for Today... Vision for Tomorrow
 201 N Church Street Suite 200A
 Las Cruces, NM 89001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD14.0**
 Sheet 70 of 91
 19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689021.58	1731533.60	4350.54
2	LCG	689021.67	1731541.10	4350.61
3	LCG	689021.22	1731546.64	4350.63
4	LCG	689017.71	1731552.52	4350.80
5	LCG	689011.37	1731555.88	4350.70
6	X-LCG	689006.37	1731556.18	4350.73
7	X-FL	689006.36	1731554.82	4350.76
8	FL	689011.35	1731554.34	4350.68
9	FL	689016.67	1731551.44	4350.78
10	FL	689019.78	1731546.24	4350.61
11	FL	689020.17	1731541.10	4350.59
12	X-FL	689020.24	1731533.60	4350.58
13	X-BC	689019.58	1731533.61	4351.02
14	THC	689019.67	1731540.61	4351.08
15	TBC	689019.67	1731541.11	4350.59
16	THC	689019.31	1731546.13	4351.10
17	THC	689016.35	1731551.08	4351.27
18	TBC	689011.35	1731553.83	4350.68
19	THC	689010.85	1731553.94	4351.17
20	X-BC	689006.35	1731554.18	4351.21
21	TSW	689011.28	1731546.15	4350.68
22	THC	689010.78	1731546.65	4351.17
23	THC	689003.78	1731546.68	4350.79
24	TSW	689003.78	1731546.18	4350.79
25	X-EC	688998.77	1731545.19	4350.74

Pnt #	Desc	Northing	Easting	Elevation
26	X-EC	688998.73	1731541.21	4350.78
27	BS	689003.73	1731541.18	4350.84
28	THC	689003.72	1731540.68	4350.84
29	BS	689011.23	1731541.15	4350.73
30	THC	689010.72	1731540.65	4351.22
31	BS	689010.65	1731533.65	4350.88
32	THC	689011.15	1731533.65	4350.88
33	X-EC	689011.11	1731528.65	4350.85
34	X-EC	689015.14	1731528.63	4350.96
35	TSW	689016.15	1731533.62	4350.80
36	THC	689016.65	1731533.62	4350.80
37	TSW	689016.23	1731541.12	4350.64
38	THC	689016.72	1731540.62	4351.13

LEGEND

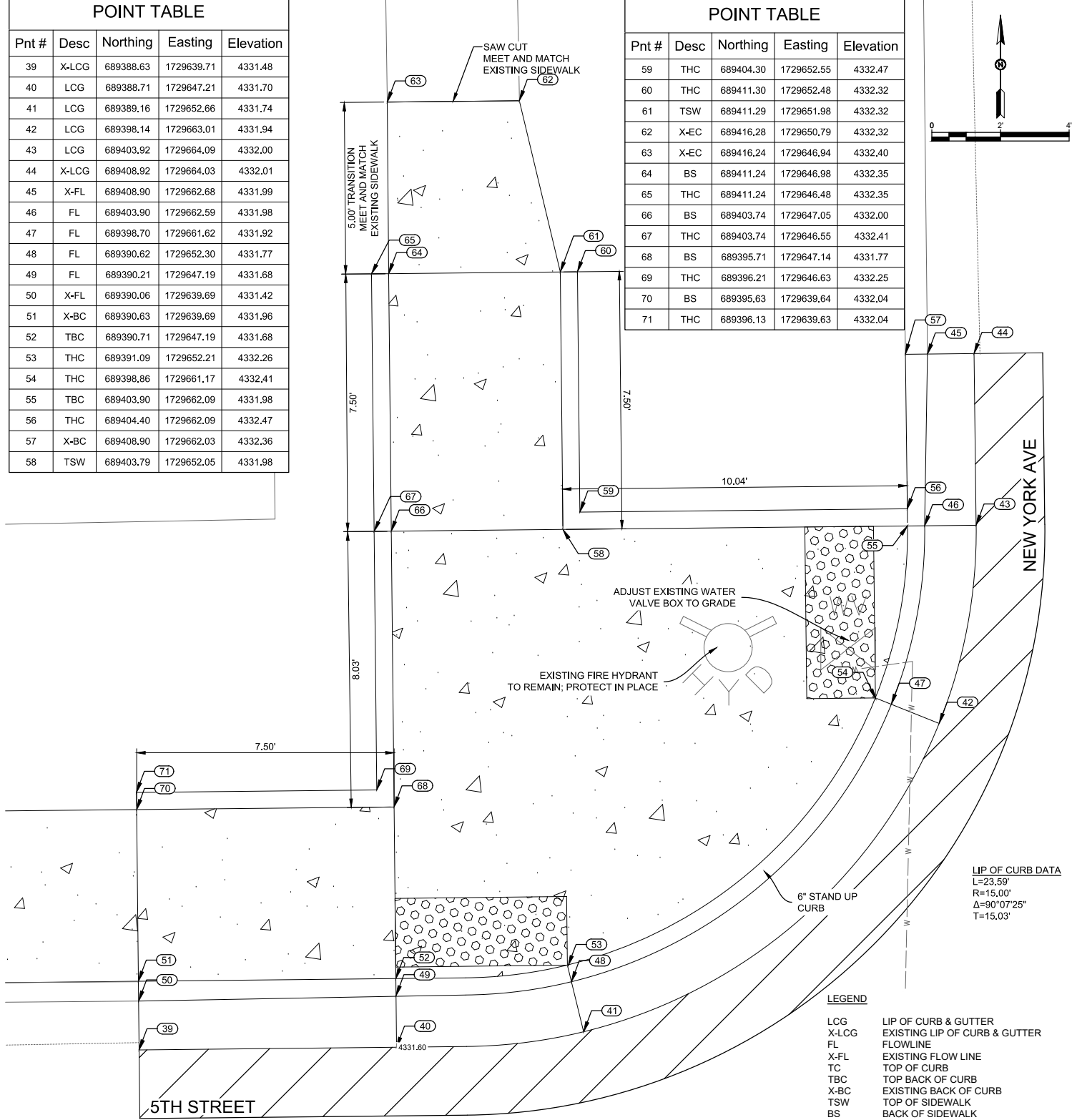
- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
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**4TH STREET & FLORIDA AVENUE
CURB RAMP SOUTHWEST
RAMP #29**

Pnt #	Desc	Northing	Easting	Elevation
39	X-LCG	689388.63	1729639.71	4331.48
40	LCG	689388.71	1729647.21	4331.70
41	LCG	689389.16	1729652.66	4331.74
42	LCG	689398.14	1729663.01	4331.94
43	LCG	689403.92	1729664.09	4332.00
44	X-LCG	689408.92	1729664.03	4332.01
45	X-FL	689408.90	1729662.68	4331.99
46	FL	689403.90	1729662.59	4331.98
47	FL	689398.70	1729661.62	4331.92
48	FL	689390.62	1729652.30	4331.77
49	FL	689390.21	1729647.19	4331.68
50	X-FL	689390.06	1729639.69	4331.42
51	X-BC	689390.63	1729639.69	4331.96
52	TBC	689390.71	1729647.19	4331.68
53	THC	689391.09	1729652.21	4332.26
54	THC	689398.86	1729661.17	4332.41
55	TBC	689403.90	1729662.09	4331.98
56	THC	689404.40	1729662.09	4332.47
57	X-BC	689408.90	1729662.03	4332.36
58	TSW	689403.79	1729652.05	4331.98



Pnt #	Desc	Northing	Easting	Elevation
59	THC	689404.30	1729652.55	4332.47
60	THC	689411.30	1729652.48	4332.32
61	TSW	689411.29	1729651.98	4332.32
62	X-EC	689416.28	1729650.79	4332.32
63	X-EC	689416.24	1729646.94	4332.40
64	BS	689411.24	1729646.98	4332.35
65	THC	689411.24	1729646.48	4332.35
66	BS	689403.74	1729647.05	4332.00
67	THC	689403.74	1729646.55	4332.41
68	BS	689395.71	1729647.14	4331.77
69	THC	689396.21	1729646.63	4332.25
70	BS	689395.63	1729639.64	4332.04
71	THC	689396.13	1729639.63	4332.04

Pnt #	Desc	Northing	Easting	Elevation
63	X-LCG	689404.30	1729652.55	4332.47
64	LCG	689411.30	1729652.48	4332.32
65	LCG	689411.29	1729651.98	4332.32
66	X-EC	689416.28	1729650.79	4332.32
67	X-EC	689416.24	1729646.94	4332.40
68	BS	689411.24	1729646.98	4332.35
69	THC	689411.24	1729646.48	4332.35
70	BS	689403.74	1729647.05	4332.00
71	THC	689403.74	1729646.55	4332.41

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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**5TH STREET & NEW YORK AVENUE
CURB RAMP NORTHWEST
RAMP #30**

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

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

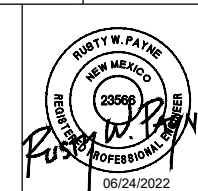
REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



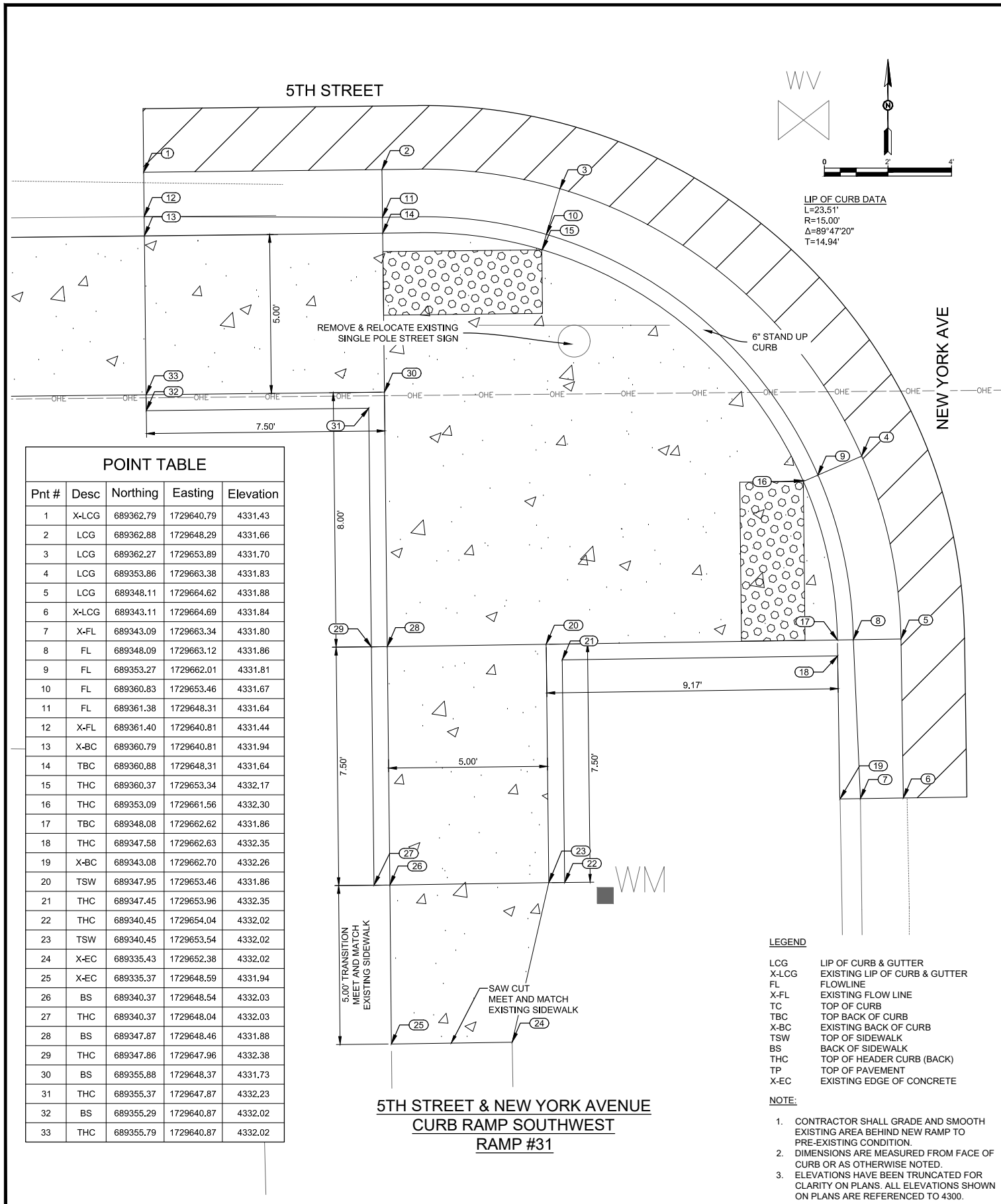
ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Solutions for Today... Vision for Tomorrow
 201 N Church Street Suite 200A
 Las Cruces, NM 88001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD15.0**
 Sheet 71 of 91
 19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689362.79	1729640.79	4331.43
2	LCG	689362.88	1729648.29	4331.66
3	LCG	689362.27	1729653.89	4331.70
4	LCG	689353.86	1729663.38	4331.83
5	LCG	689348.11	1729664.62	4331.88
6	X-LCG	689343.11	1729664.69	4331.84
7	X-FL	689343.09	1729663.34	4331.80
8	FL	689348.09	1729663.12	4331.86
9	FL	689353.27	1729662.01	4331.81
10	FL	689360.83	1729653.46	4331.67
11	FL	689361.38	1729648.31	4331.64
12	X-FL	689361.40	1729640.81	4331.44
13	X-BC	689360.79	1729640.81	4331.94
14	TBC	689360.88	1729648.31	4331.64
15	THC	689360.37	1729653.34	4332.17
16	THC	689353.09	1729661.56	4332.30
17	TBC	689348.08	1729662.62	4331.86
18	THC	689347.58	1729662.63	4332.35
19	X-BC	689343.08	1729662.70	4332.26
20	TSW	689347.95	1729653.46	4331.86
21	THC	689347.45	1729653.96	4332.35
22	THC	689340.45	1729654.04	4332.02
23	TSW	689340.45	1729653.54	4332.02
24	X-EC	689335.43	1729652.38	4332.02
25	X-EC	689335.37	1729648.59	4331.94
26	BS	689340.37	1729648.54	4332.03
27	THC	689340.37	1729648.04	4332.03
28	BS	689347.87	1729648.46	4331.88
29	THC	689347.86	1729647.96	4332.38
30	BS	689355.88	1729648.37	4331.73
31	THC	689355.37	1729647.87	4332.23
32	BS	689355.29	1729640.87	4332.02
33	THC	689355.79	1729640.87	4332.02

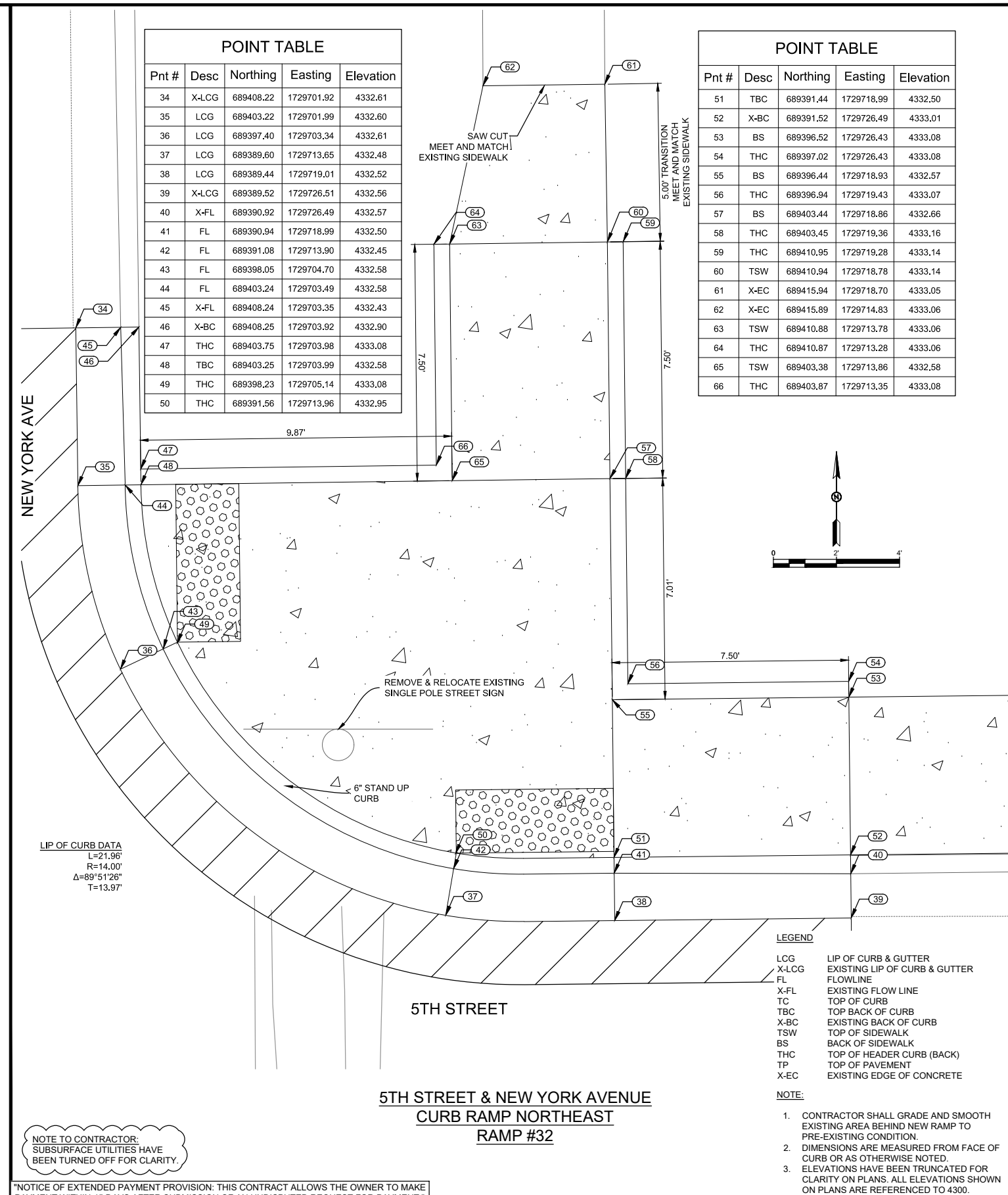
**5TH STREET & NEW YORK AVENUE
CURB RAMP SOUTHWEST
RAMP #31**

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.



Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689408.22	1729701.92	4332.61
35	LCG	689403.22	1729701.99	4332.60
36	LCG	689397.40	1729703.34	4332.61
37	LCG	689389.60	1729713.65	4332.48
38	LCG	689389.44	1729719.01	4332.52
39	X-LCG	689389.52	1729726.51	4332.56
40	X-FL	689390.92	1729726.49	4332.57
41	FL	689390.94	1729718.99	4332.50
42	FL	689391.08	1729713.90	4332.45
43	FL	689398.05	1729704.70	4332.58
44	FL	689403.24	1729703.49	4332.58
45	X-FL	689408.24	1729703.35	4332.43
46	X-BC	689408.25	1729703.92	4332.90
47	THC	689403.75	1729703.98	4333.08
48	TBC	689403.25	1729703.99	4332.58
49	THC	689398.23	1729705.14	4333.08
50	THC	689391.56	1729713.96	4332.95

Pnt #	Desc	Northing	Easting	Elevation
51	TBC	689391.44	1729718.99	4332.50
52	X-BC	689391.52	1729726.49	4333.01
53	BS	689396.52	1729726.43	4333.08
54	THC	689397.02	1729726.43	4333.08
55	BS	689396.44	1729718.93	4332.57
56	THC	689396.94	1729719.43	4333.07
57	BS	689403.44	1729718.86	4332.66
58	THC	689403.45	1729719.36	4333.16
59	THC	689410.95	1729719.28	4333.14
60	TSW	689410.94	1729718.78	4333.14
61	X-EC	689415.94	1729718.70	4333.05
62	X-EC	689415.89	1729714.83	4333.06
63	TSW	689410.88	1729713.78	4333.06
64	THC	689410.87	1729713.28	4333.06
65	TSW	689403.38	1729713.86	4332.58
66	THC	689403.87	1729713.35	4333.08

LIP OF CURB DATA
L=21.96'
R=14.00'
Δ=89°51'26"
T=13.97'

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
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NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

**5TH STREET & NEW YORK AVENUE
CURB RAMP NORTHEAST
RAMP #32**

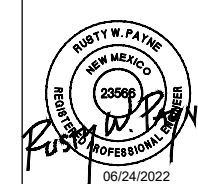
REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC
Professional Resources for Damage Prevention 1-800-321-2537



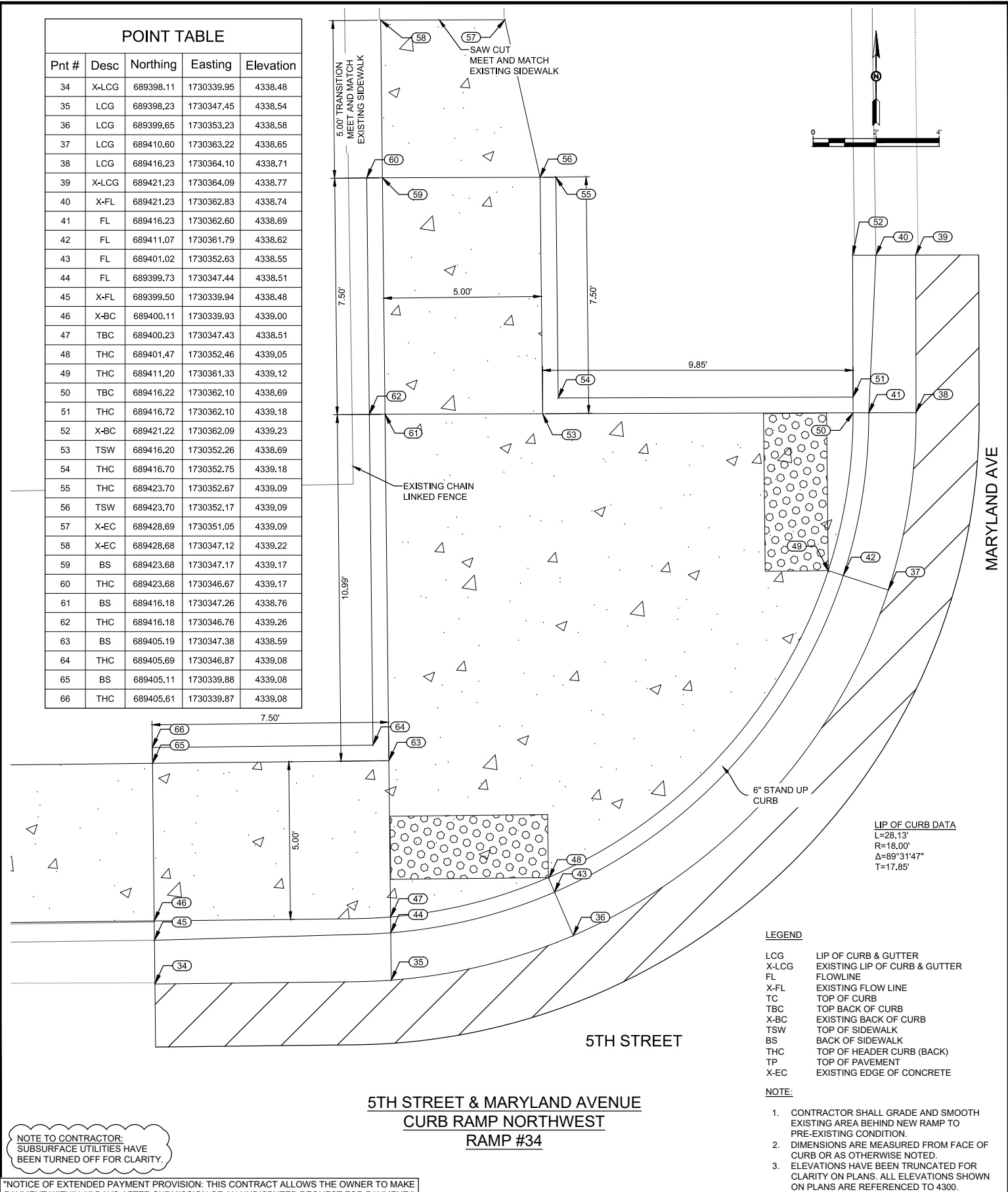
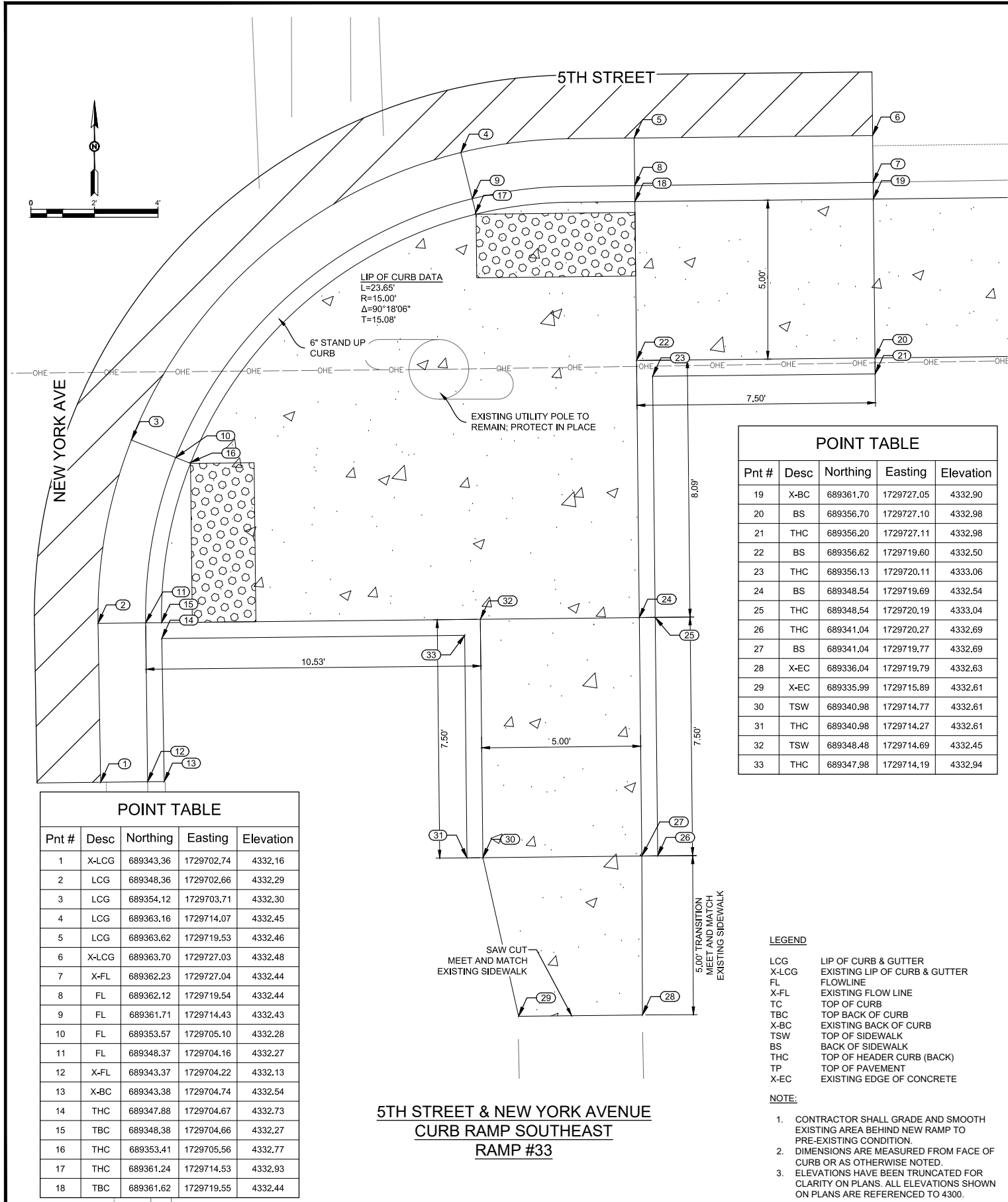
ADA Compliant Sidewalk Improvements

RAMP DETAILS
CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004
Drawn By: SMITH Designed By: SMITH
Checked By: SMITH Approved By: COA
Scale: HORIZ. BAR SCALE
INCLUDE VERT SCALE ON P&P

Sheet No.: GD16.0
Sheet 72 of 91
19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689343.36	1729702.74	4332.16
2	LCG	689348.36	1729702.66	4332.29
3	LCG	689354.12	1729703.71	4332.30
4	LCG	689363.16	1729714.07	4332.45
5	LCG	689363.62	1729719.53	4332.46
6	X-LCG	689363.70	1729727.03	4332.48
7	X-FL	689362.23	1729727.04	4332.44
8	FL	689362.12	1729719.54	4332.44
9	FL	689361.71	1729714.43	4332.43
10	FL	689353.57	1729705.10	4332.28
11	FL	689348.37	1729704.16	4332.27
12	X-FL	689343.37	1729704.22	4332.13
13	X-BC	689343.38	1729704.74	4332.54
14	THC	689347.88	1729704.67	4332.73
15	TBC	689348.38	1729704.66	4332.27
16	THC	689353.41	1729705.56	4332.77
17	THC	689361.24	1729714.53	4332.93
18	TBC	689361.62	1729719.55	4332.44

Pnt #	Desc	Northing	Easting	Elevation
19	X-BC	689361.70	1729727.05	4332.90
20	BS	689356.70	1729727.10	4332.98
21	THC	689356.20	1729719.60	4332.98
22	BS	689356.62	1729719.60	4332.50
23	THC	689356.13	1729720.11	4333.06
24	BS	689348.54	1729719.69	4332.54
25	THC	689348.54	1729720.19	4333.04
26	THC	689341.04	1729720.27	4332.69
27	BS	689341.04	1729719.77	4332.69
28	X-EC	689336.04	1729719.79	4332.63
29	X-EC	689335.99	1729715.89	4332.61
30	TSW	689340.98	1729714.77	4332.61
31	THC	689340.98	1729714.27	4332.61
32	TSW	689348.48	1729714.69	4332.45
33	THC	689347.98	1729714.19	4332.94

Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689398.11	1730339.95	4338.48
35	LCG	689398.23	1730347.45	4338.54
36	LCG	689399.65	1730353.23	4338.58
37	LCG	689410.60	1730363.22	4338.65
38	LCG	689416.23	1730364.10	4338.71
39	X-LCG	689421.23	1730364.09	4338.77
40	X-FL	689421.23	1730362.83	4338.74
41	FL	689416.23	1730362.60	4338.69
42	FL	689411.07	1730361.79	4338.62
43	FL	689401.02	1730352.63	4338.55
44	FL	689399.73	1730347.44	4338.51
45	X-FL	689399.50	1730339.94	4338.48
46	X-BC	689400.11	1730339.93	4339.00
47	TBC	689400.23	1730347.43	4338.51
48	THC	689401.47	1730352.46	4339.05
49	THC	689411.20	1730361.33	4339.12
50	TBC	689416.22	1730362.10	4338.69
51	THC	689416.72	1730362.10	4339.18
52	X-BC	689421.22	1730362.09	4339.23
53	TSW	689416.20	1730352.26	4338.69
54	THC	689416.70	1730352.75	4339.18
55	THC	689423.70	1730352.67	4339.09
56	TSW	689423.70	1730352.17	4339.09
57	X-EC	689428.69	1730351.05	4339.09
58	X-EC	689428.68	1730347.12	4339.22
59	BS	689423.68	1730347.17	4339.17
60	THC	689423.68	1730346.67	4339.17
61	BS	689416.18	1730347.26	4338.76
62	THC	689416.18	1730346.76	4339.26
63	BS	689405.19	1730347.38	4338.59
64	THC	689405.69	1730346.87	4339.08
65	BS	689405.11	1730339.88	4339.08
66	THC	689405.61	1730339.87	4339.08

5TH STREET & NEW YORK AVENUE
CURB RAMP SOUTHEAST
RAMP #33

5TH STREET & MARYLAND AVENUE
CURB RAMP NORTHWEST
RAMP #34

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

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REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

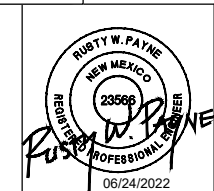
 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



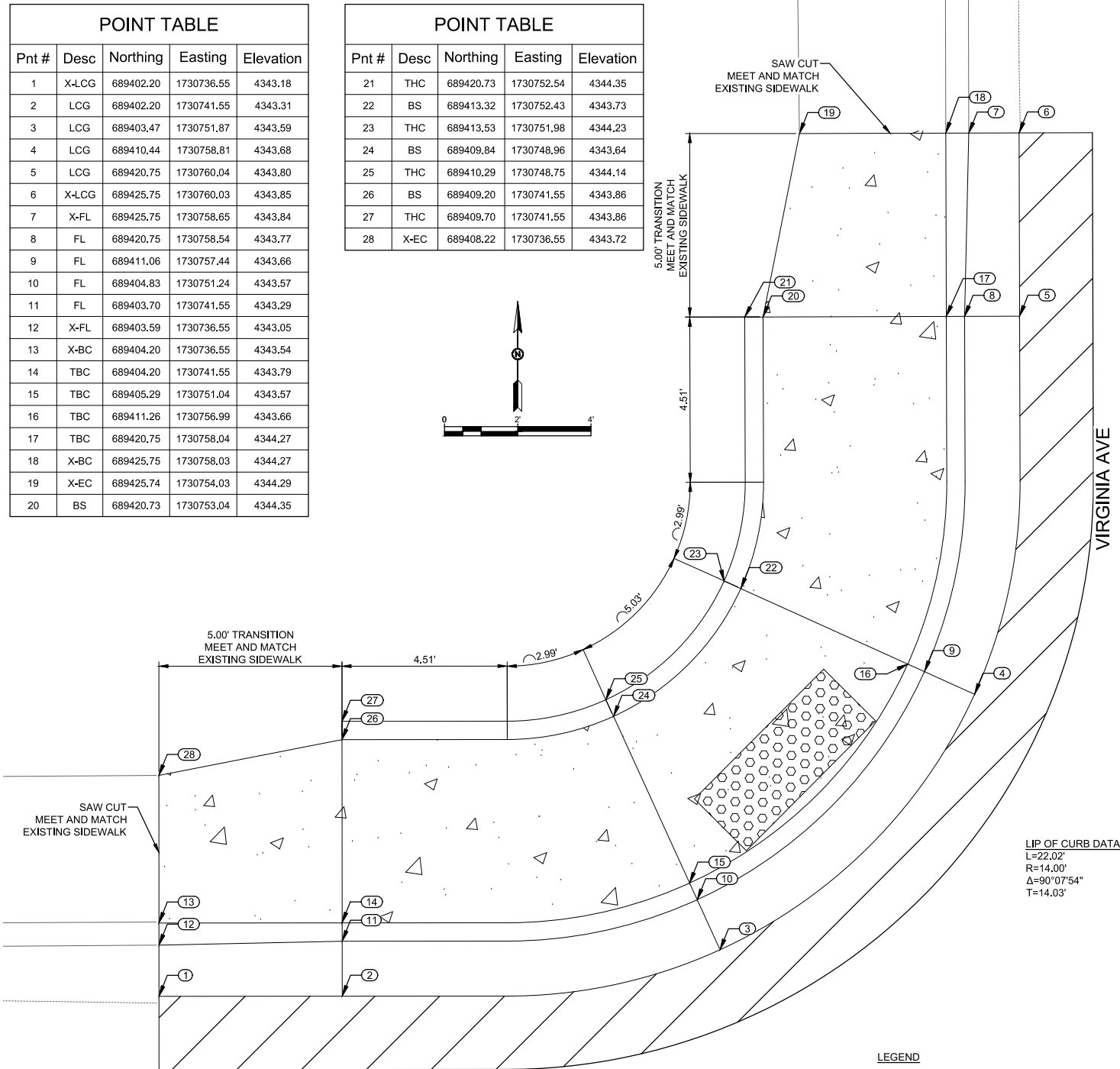

 Solutions for Today...
 Vision for Tomorrow
 201 N Church Street
 Suite 200A
 Las Cruces, NM 88001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale:	HORIZ. BAR SCALE
	INCLUDE VERT SCALE ON P&P

GD17.0
Sheet 73 of 91
19-C-NR-I-01-G-18

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689402.20	1730736.55	4343.18
2	LCG	689402.20	1730741.55	4343.31
3	LCG	689403.47	1730751.87	4343.59
4	LCG	689410.44	1730758.81	4343.68
5	LCG	689420.75	1730760.04	4343.80
6	X-LCG	689425.75	1730760.03	4343.85
7	X-FL	689425.75	1730758.65	4343.84
8	FL	689420.75	1730758.54	4343.77
9	FL	689411.06	1730757.44	4343.66
10	FL	689404.83	1730751.24	4343.57
11	FL	689403.70	1730741.55	4343.29
12	X-FL	689403.59	1730736.55	4343.05
13	X-BC	689404.20	1730736.55	4343.54
14	TBC	689404.20	1730741.55	4343.79
15	TBC	689405.29	1730751.04	4343.57
16	TBC	689411.26	1730756.99	4343.66
17	TBC	689420.75	1730758.04	4344.27
18	X-BC	689425.75	1730758.03	4344.27
19	X-EC	689425.74	1730754.03	4344.29
20	BS	689420.73	1730753.04	4344.35

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
21	THC	689420.73	1730752.54	4344.35
22	BS	689413.32	1730752.43	4343.73
23	THC	689413.53	1730751.98	4344.23
24	BS	689409.84	1730748.96	4343.64
25	THC	689410.29	1730748.75	4344.14
26	BS	689409.20	1730741.55	4343.86
27	THC	689409.70	1730741.55	4343.86
28	X-EC	689408.22	1730736.55	4343.72



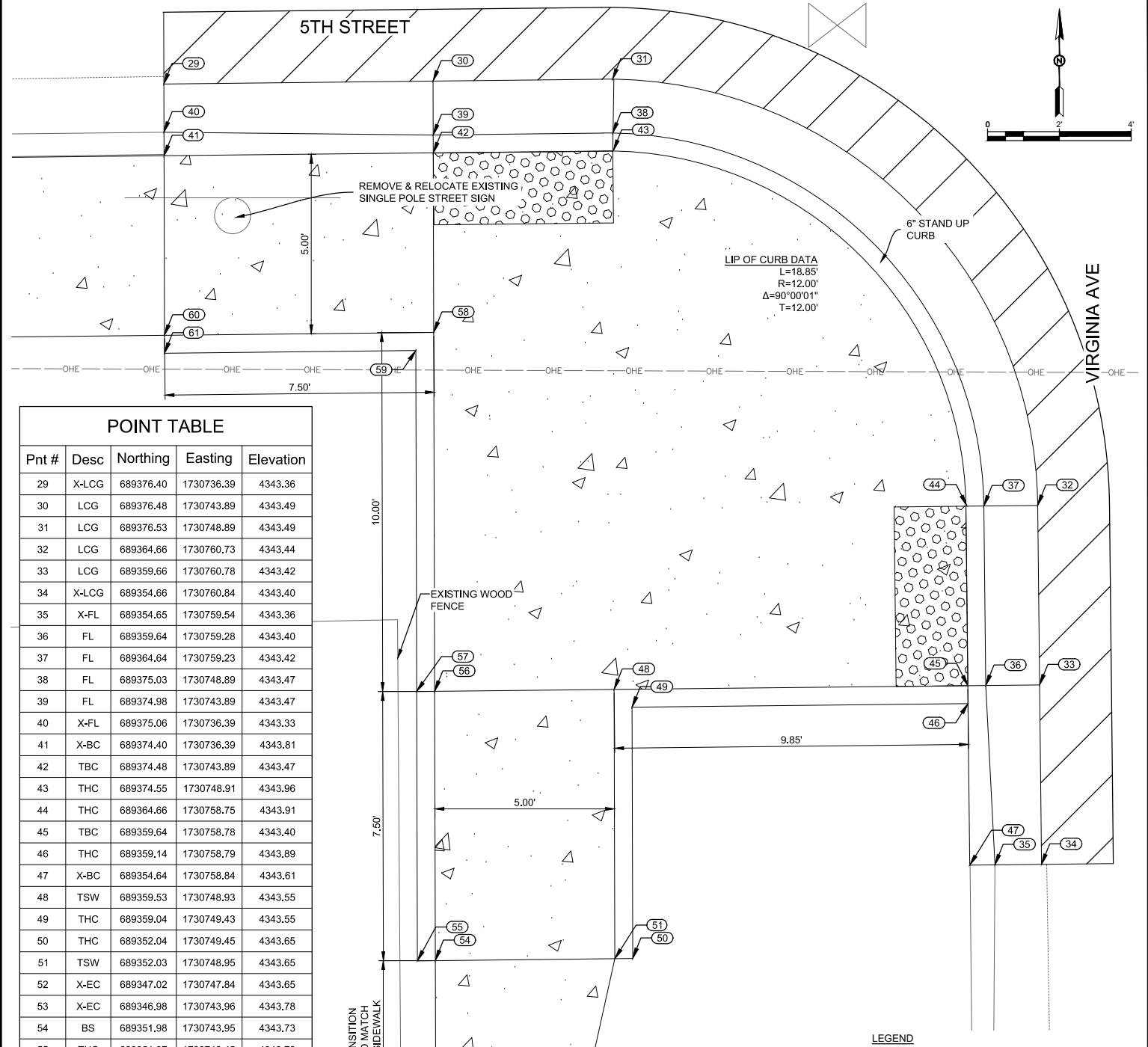
**5TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHWEST
RAMP #35**

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

NOTE:

- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
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**5TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHWEST
RAMP #36**

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

NOTE:

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REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention

ADA Compliant Sidewalk Improvements

RAMP DETAILS

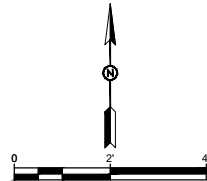
CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD18.0**
 Sheet 74 of 91
 19-C-NR-I-01-G-18

POINT TABLE				POINT TABLE					
Pnt #	Desc	Northing	Easting	Elevation	Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689415.83	1730800.93	4343.95	29	X-EC	689422.94	1730814.08	4344.43
2	LCG	689410.44	1730801.73	4343.89	30	TSW	689417.94	1730812.94	4344.33
3	LCG	689403.71	1730806.76	4343.87	31	THC	689417.93	1730812.44	4344.33
4	LCG	689401.25	1730812.70	4343.84	32	TSW	689410.44	1730813.00	4343.91
5	LCG	689401.11	1730818.07	4343.86	33	THC	689410.94	1730812.49	4344.41
6	X-LCG	689401.24	1730825.63	4343.75					
7	X-FL	689402.65	1730825.60	4343.75					
8	FL	689402.61	1730818.06	4343.84					
9	FL	689402.73	1730812.94	4343.82					
10	FL	689404.93	1730807.63	4343.85					
11	FL	689410.44	1730803.33	4343.87					
12	X-FL	689415.85	1730802.43	4343.99					
13	X-BC	689415.85	1730802.93	4344.45					
14	THC	689410.94	1730803.68	4344.36					
15	TBC	689410.44	1730803.87	4343.87					
16	THC	689405.30	1730807.93	4344.34					
17	THC	689403.20	1730813.00	4344.31					
18	TBC	689403.11	1730818.05	4343.84					
19	X-BC	689403.24	1730825.59	4344.26					
20	BS	689408.24	1730825.51	4344.33					
21	THC	689408.74	1730825.50	4344.33					
22	BS	689408.11	1730818.01	4343.91					
23	THC	689408.62	1730818.51	4344.41					
24	BS	689410.48	1730818.00	4343.94					
25	THC	689410.48	1730818.50	4344.44					
26	THC	689417.98	1730818.44	4344.38					
27	BS	689417.98	1730817.94	4344.38					
28	X-EC	689422.94	1730817.90	4344.28					

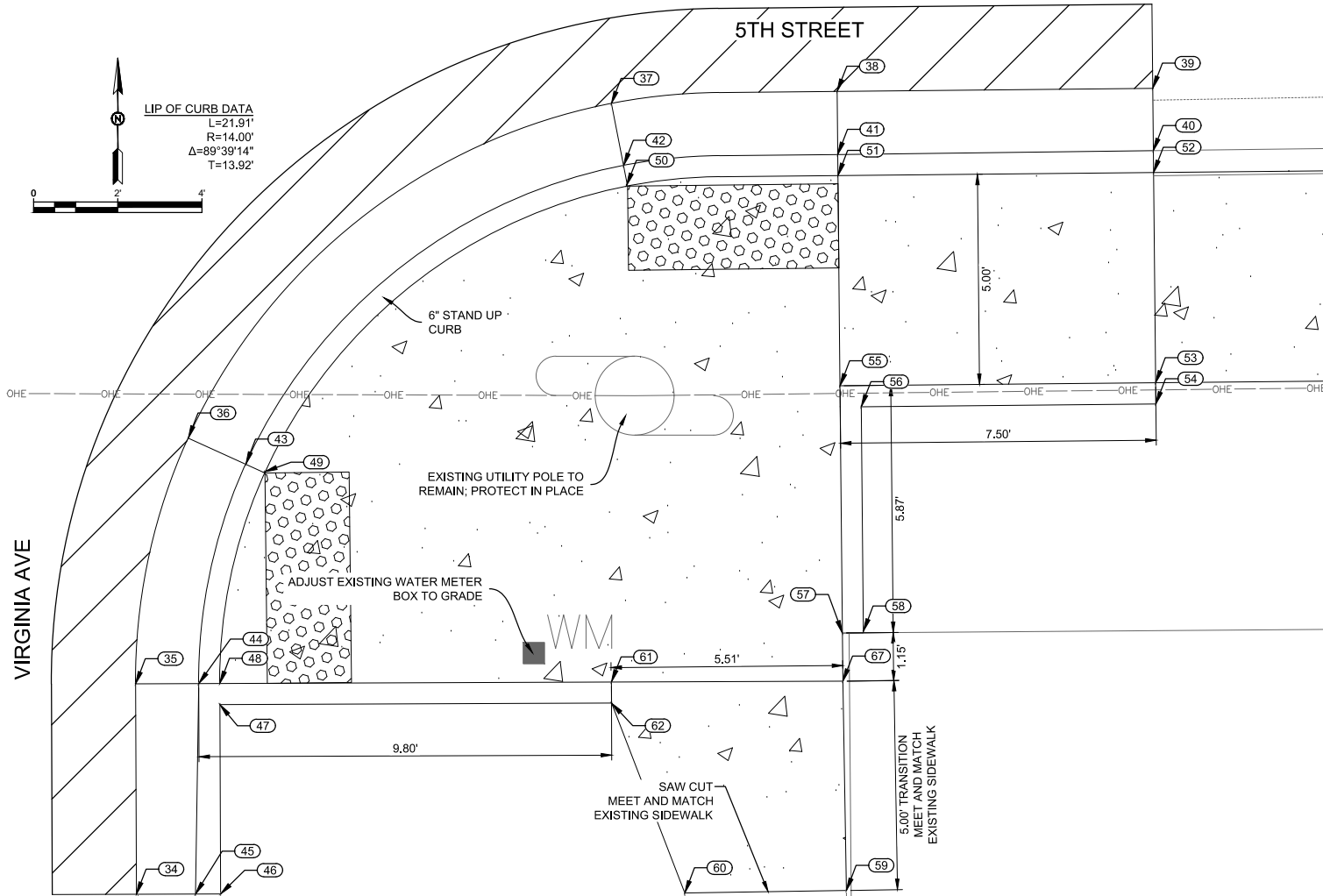


LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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POINT TABLE				POINT TABLE					
Pnt #	Desc	Northing	Easting	Elevation	Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689356.34	1730801.62	4343.62	54	THC	689367.99	1730825.84	4344.42
35	LCG	689361.34	1730801.60	4343.72	55	BS	689368.41	1730818.33	4343.89
36	LCG	689367.17	1730802.85	4343.80	56	THC	689367.92	1730818.84	4344.39
37	LCG	689375.13	1730812.90	4343.87	57	BS	689362.54	1730818.39	4343.92
38	LCG	689375.41	1730818.27	4343.87	58	THC	689362.59	1730818.89	4344.42
39	X-LCG	689375.49	1730825.77	4343.91	59	X-EC	689356.43	1730818.49	4343.98
40	X-FL	689374.01	1730825.78	4343.89	60	X-EC	689356.37	1730814.65	4343.88
41	FL	689373.91	1730818.28	4343.84	61	TSW	689361.38	1730812.90	4343.84
42	FL	689373.65	1730813.19	4343.85	62	THC	689360.88	1730812.91	4343.88
43	FL	689366.55	1730804.21	4343.78	67	BS	689361.40	1730818.40	4343.92
44	FL	689361.34	1730803.10	4343.70					
45	X-FL	689356.34	1730803.02	4343.58					
46	X-BC	689356.34	1730803.62	4344.09					
47	THC	689360.84	1730803.60	4344.19					
48	TBC	689361.34	1730803.60	4343.70					
49	THC	689366.37	1730804.66	4344.27					
50	THC	689373.18	1730813.26	4344.34					
51	TBC	689373.41	1730818.29	4343.84					
52	X-BC	689373.49	1730825.79	4344.35					
53	BS	689368.49	1730825.83	4344.42					

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

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

LIP OF CURB DATA
L=22.05'
R=14.00'
Δ=90°15'33"
T=14.06'

VIRGINIA AVE

VIRGINIA AVE

**5TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHEAST
RAMP #38**

**5TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHEAST
RAMP #37**

ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



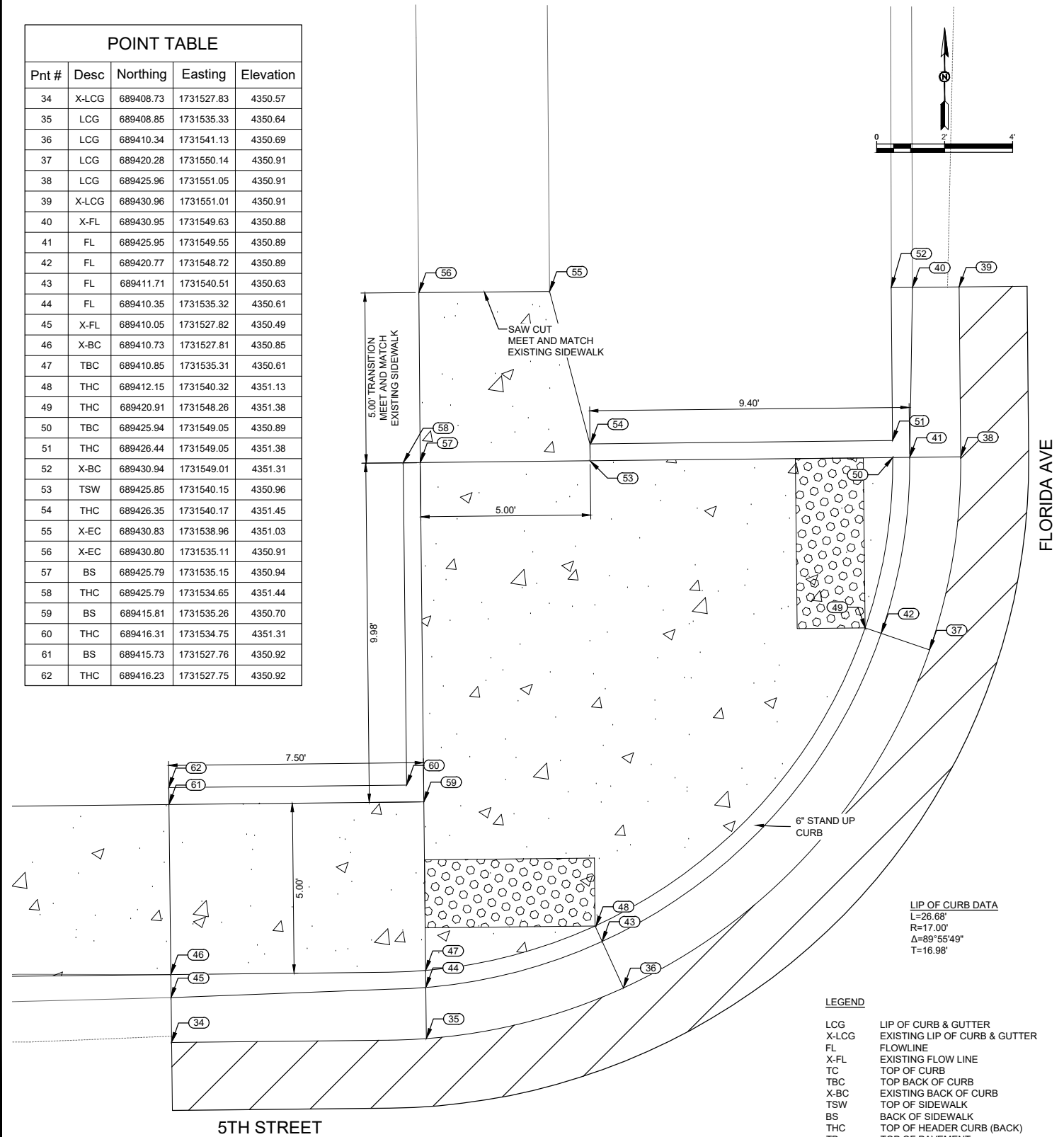
Solutions for Today...
 Vision for Tomorrow
 201 N Church Street
 Suite 200A
 Las Cruces, NM 88001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD19.0**
 Sheet 75 of 91
 19-C-NR-I-01-G-18

REV. No.	DATE	DESCRIPTION	APPROVED

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689408.73	1731527.83	4350.57
35	LCG	689408.85	1731535.33	4350.64
36	LCG	689410.34	1731541.13	4350.69
37	LCG	689420.28	1731550.14	4350.91
38	LCG	689425.96	1731551.05	4350.91
39	X-LCG	689430.96	1731551.01	4350.91
40	X-FL	689430.95	1731549.63	4350.88
41	FL	689425.95	1731549.55	4350.89
42	FL	689420.77	1731548.72	4350.89
43	FL	689411.71	1731540.51	4350.63
44	FL	689410.35	1731535.32	4350.61
45	X-FL	689410.05	1731527.82	4350.49
46	X-BC	689410.73	1731527.81	4350.85
47	TBC	689410.85	1731535.31	4350.61
48	THC	689412.15	1731540.32	4351.13
49	THC	689420.91	1731548.26	4351.38
50	TBC	689425.94	1731549.05	4350.89
51	THC	689426.44	1731549.05	4351.38
52	X-BC	689430.94	1731549.01	4351.31
53	TSW	689425.85	1731540.15	4350.96
54	THC	689426.35	1731540.17	4351.45
55	X-EC	689430.83	1731538.96	4351.03
56	X-EC	689430.80	1731535.11	4350.91
57	BS	689425.79	1731535.15	4350.94
58	THC	689425.79	1731534.65	4351.44
59	BS	689415.81	1731535.26	4350.70
60	THC	689416.31	1731534.75	4351.31
61	BS	689415.73	1731527.76	4350.92
62	THC	689416.23	1731527.75	4350.92



NOT USED

NOTE TO CONTRACTOR:
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5TH STREET & FLORIDA AVENUE
CURB RAMP NORTHWEST
RAMP #40

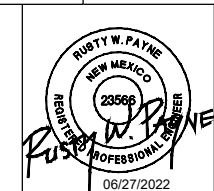
REV. No.	DATE	DESCRIPTION	APPROVED

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ADA Compliant Sidewalk Improvements

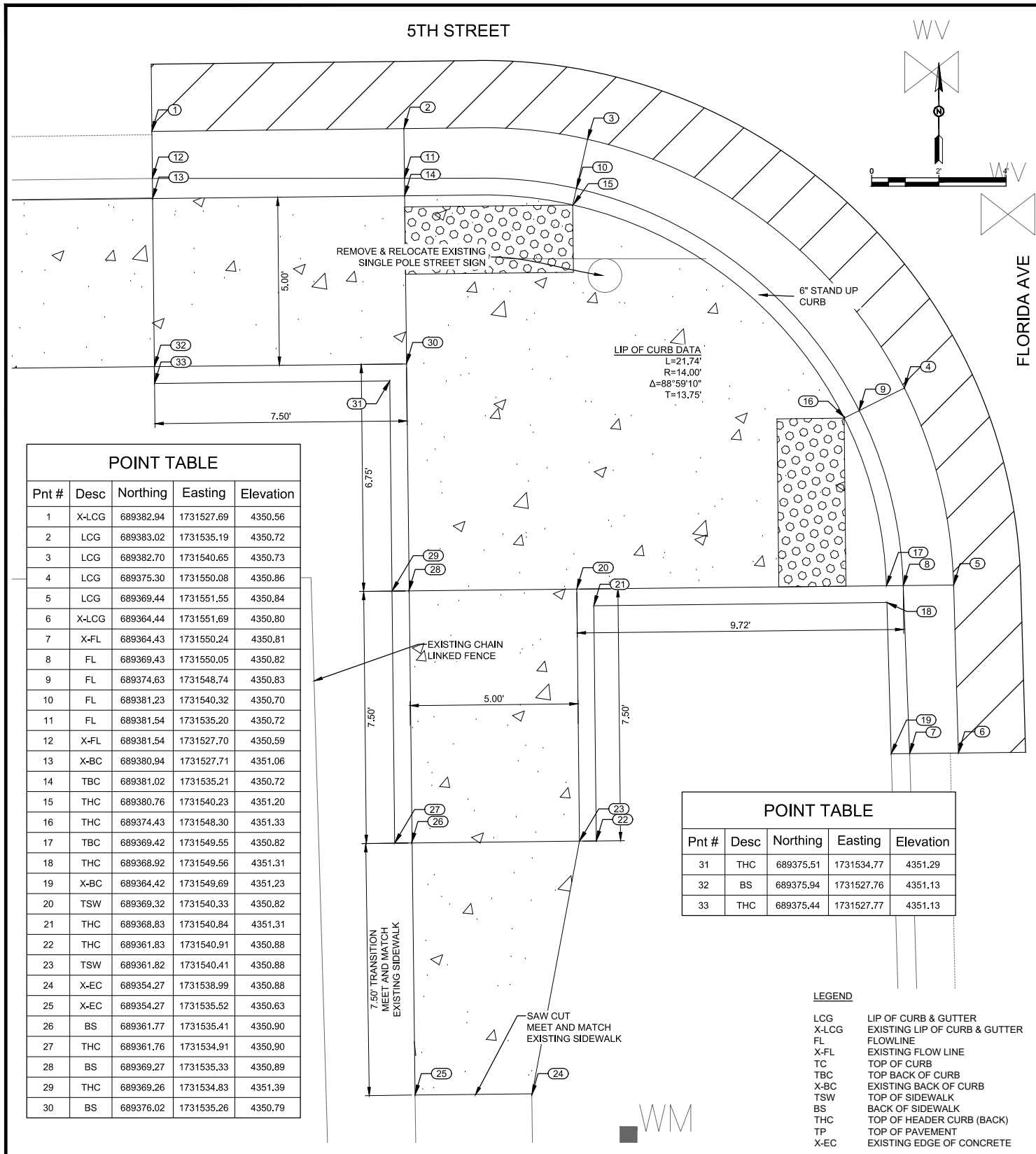
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 Suite 200A
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 Phone: 575-523-2395
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Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.:
GD20.0
 Sheet 76 of 91
 19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689382.94	1731527.69	4350.56
2	LCG	689383.02	1731535.19	4350.72
3	LCG	689382.70	1731540.65	4350.73
4	LCG	689375.30	1731550.08	4350.86
5	LCG	689369.44	1731551.55	4350.84
6	X-LCG	689364.44	1731551.69	4350.80
7	X-FL	689364.43	1731550.24	4350.81
8	FL	689369.43	1731550.05	4350.82
9	FL	689374.63	1731548.74	4350.83
10	FL	689381.23	1731540.32	4350.70
11	FL	689381.54	1731535.20	4350.72
12	X-FL	689381.54	1731527.70	4350.59
13	X-BC	689380.94	1731527.71	4351.06
14	TBC	689381.02	1731535.21	4350.72
15	THC	689380.76	1731540.23	4351.20
16	THC	689374.43	1731548.30	4351.33
17	TBC	689369.42	1731549.55	4350.82
18	THC	689368.92	1731549.56	4351.31
19	X-BC	689364.42	1731549.69	4351.23
20	TSW	689369.32	1731540.33	4350.82
21	THC	689368.83	1731540.84	4351.31
22	THC	689361.83	1731540.91	4350.88
23	TSW	689361.82	1731540.41	4350.88
24	X-EC	689354.27	1731538.99	4350.88
25	X-EC	689354.27	1731535.52	4350.63
26	BS	689361.77	1731535.41	4350.90
27	THC	689361.76	1731534.91	4350.90
28	BS	689369.27	1731535.33	4350.89
29	THC	689369.26	1731534.83	4351.39
30	BS	689376.02	1731535.26	4350.79

Pnt #	Desc	Northing	Easting	Elevation
31	THC	689375.51	1731534.77	4351.29
32	BS	689375.94	1731527.76	4351.13
33	THC	689375.44	1731527.77	4351.13

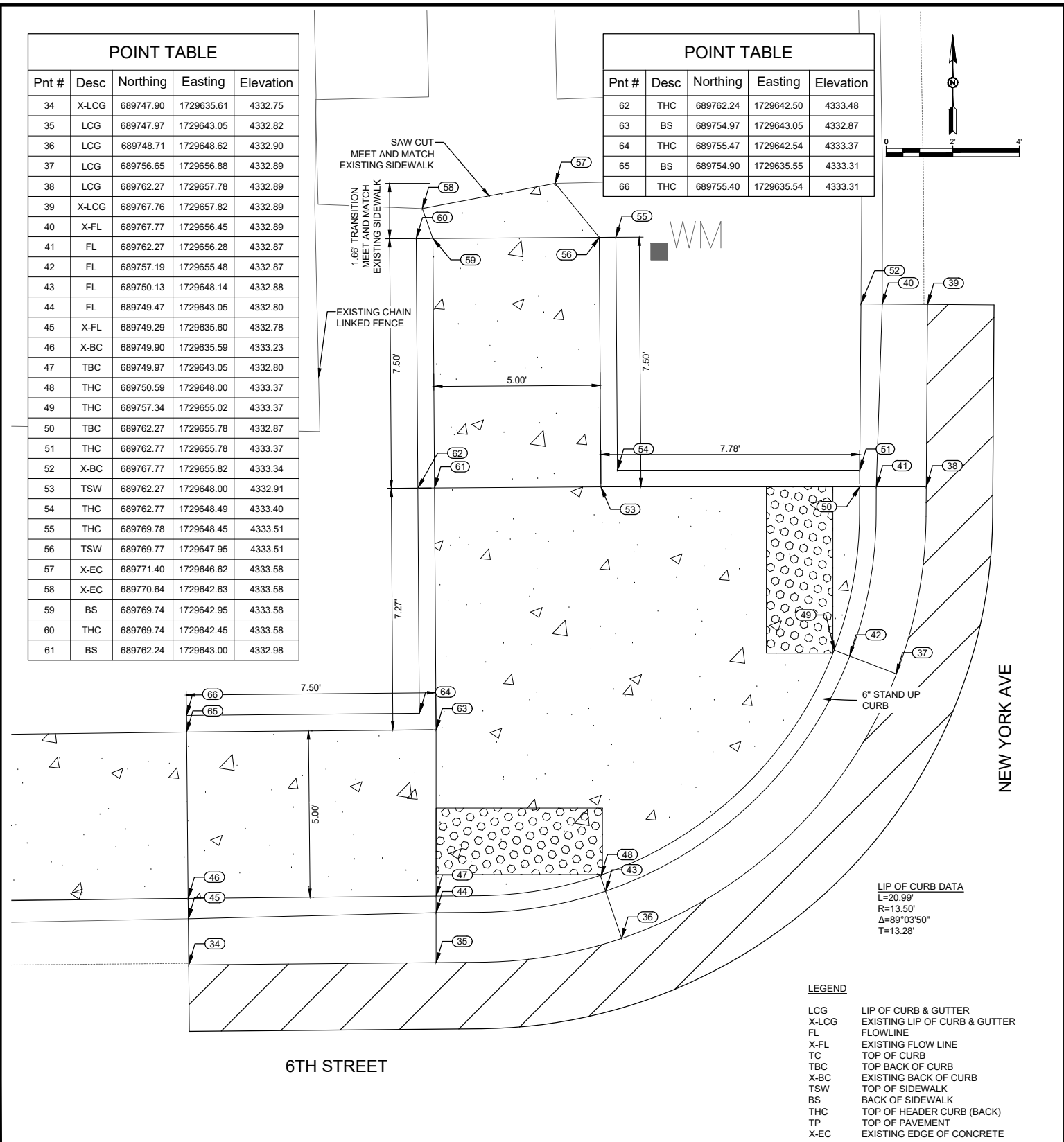
LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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**5TH STREET & FLORIDA AVENUE
CURB RAMP SOUTHWEST
RAMP #41**



Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689747.90	1729635.61	4332.75
35	LCG	689747.97	1729643.05	4332.82
36	LCG	689748.71	1729648.62	4332.90
37	LCG	689756.65	1729656.88	4332.89
38	LCG	689762.27	1729657.78	4332.89
39	X-LCG	689767.76	1729657.82	4332.89
40	X-FL	689767.77	1729656.45	4332.89
41	FL	689762.27	1729656.28	4332.87
42	FL	689757.19	1729655.48	4332.87
43	FL	689750.13	1729648.14	4332.88
44	FL	689749.47	1729643.05	4332.80
45	X-FL	689749.29	1729635.60	4332.78
46	X-BC	689749.90	1729635.59	4333.23
47	TBC	689749.97	1729643.05	4332.80
48	THC	689750.59	1729648.00	4333.37
49	THC	689757.34	1729655.02	4333.37
50	TBC	689762.27	1729655.78	4332.87
51	THC	689762.77	1729655.78	4333.37
52	X-BC	689767.77	1729655.82	4333.34
53	TSW	689762.27	1729648.00	4332.91
54	THC	689762.77	1729648.49	4333.40
55	THC	689769.78	1729648.45	4333.51
56	TSW	689769.77	1729647.95	4333.51
57	X-EC	689771.40	1729646.62	4333.58
58	X-EC	689770.64	1729642.63	4333.58
59	BS	689769.74	1729642.95	4333.58
60	THC	689769.74	1729642.45	4333.58
61	BS	689762.24	1729643.00	4332.98

Pnt #	Desc	Northing	Easting	Elevation
62	THC	689762.24	1729642.50	4333.48
63	BS	689754.97	1729643.05	4332.87
64	THC	689755.47	1729642.54	4333.37
65	BS	689754.90	1729635.55	4333.31
66	THC	689755.40	1729635.54	4333.31

Pnt #	Desc	Northing	Easting	Elevation
31	THC	689375.51	1731534.77	4351.29
32	BS	689375.94	1731527.76	4351.13
33	THC	689375.44	1731527.77	4351.13

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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**6TH STREET & NEW YORK AVENUE
CURB RAMP NORTHWEST
RAMP #42**

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

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
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 Professional Resources for Damage Prevention

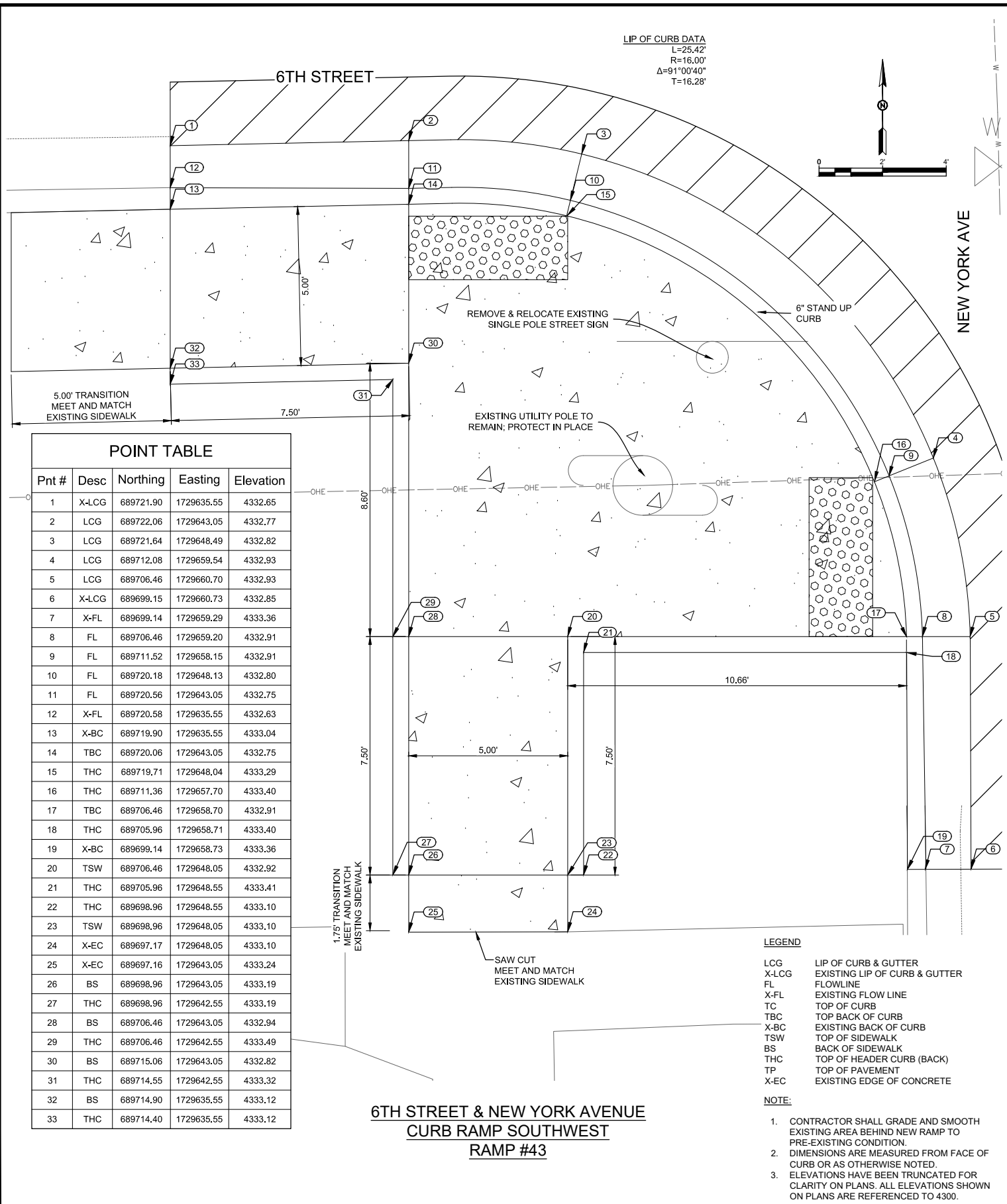
ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

RUSTY W. PAYNE
 REGISTERED PROFESSIONAL ENGINEER
 23586
 06/24/2022

Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

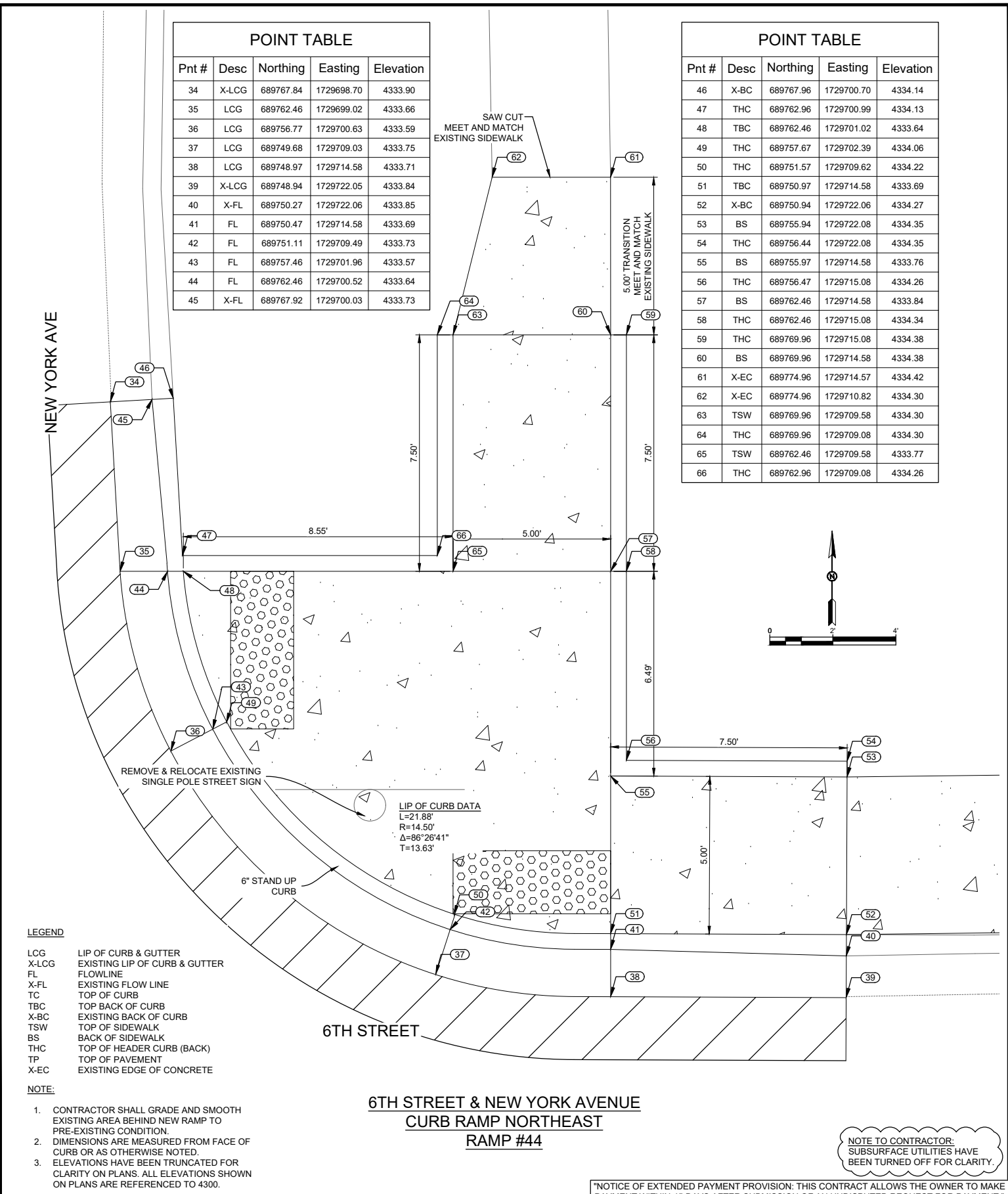
Sheet No.: **GD21.0**
 Sheet 77 of 91
 19-C-NR-I-01-G-18



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689721.90	1729635.55	4332.65
2	LCG	689722.06	1729643.05	4332.77
3	LCG	689721.64	1729648.49	4332.82
4	LCG	689712.08	1729659.54	4332.93
5	LCG	689706.46	1729660.70	4332.93
6	X-LCG	689699.15	1729660.73	4332.85
7	X-FL	689699.14	1729659.29	4333.36
8	FL	689706.46	1729659.20	4332.91
9	FL	689711.52	1729658.15	4332.91
10	FL	689720.18	1729648.13	4332.80
11	FL	689720.56	1729643.05	4332.75
12	X-FL	689720.58	1729635.55	4332.63
13	X-BC	689719.90	1729635.55	4333.04
14	TBC	689720.06	1729643.05	4332.75
15	THC	689719.71	1729648.04	4333.29
16	THC	689711.36	1729657.70	4333.40
17	TBC	689706.46	1729658.70	4332.91
18	THC	689705.96	1729658.71	4333.40
19	X-BC	689699.14	1729658.73	4333.36
20	TSW	689706.46	1729648.05	4332.92
21	THC	689705.96	1729648.55	4333.41
22	THC	689698.96	1729648.55	4333.10
23	TSW	689698.96	1729648.05	4333.10
24	X-EC	689697.17	1729648.05	4333.10
25	X-EC	689697.16	1729643.05	4333.24
26	BS	689698.96	1729643.05	4333.19
27	THC	689698.96	1729642.55	4333.19
28	BS	689706.46	1729643.05	4332.94
29	THC	689706.46	1729642.55	4333.49
30	BS	689715.06	1729643.05	4332.82
31	THC	689714.55	1729642.55	4333.32
32	BS	689714.90	1729635.55	4333.12
33	THC	689714.40	1729635.55	4333.12

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
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**6TH STREET & NEW YORK AVENUE
CURB RAMP SOUTHWEST
RAMP #43**



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689767.84	1729698.70	4333.90
35	LCG	689762.46	1729699.02	4333.66
36	LCG	689756.77	1729700.63	4333.59
37	LCG	689749.68	1729709.03	4333.75
38	LCG	689748.97	1729714.58	4333.71
39	X-LCG	689748.94	1729722.05	4333.84
40	X-FL	689750.27	1729722.06	4333.85
41	FL	689750.47	1729714.58	4333.69
42	FL	689751.11	1729709.49	4333.73
43	FL	689757.46	1729701.96	4333.57
44	FL	689762.46	1729700.52	4333.64
45	X-FL	689767.92	1729700.03	4333.73

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
46	X-BC	689767.96	1729700.70	4334.14
47	THC	689762.96	1729700.99	4334.13
48	TBC	689762.46	1729701.02	4333.64
49	THC	689757.67	1729702.39	4334.06
50	THC	689751.57	1729709.62	4334.22
51	TBC	689750.97	1729714.58	4333.69
52	X-BC	689750.94	1729722.06	4334.27
53	BS	689755.94	1729722.08	4334.35
54	THC	689756.44	1729722.08	4334.35
55	BS	689755.97	1729714.58	4333.76
56	THC	689756.47	1729715.08	4334.26
57	BS	689762.46	1729714.58	4333.84
58	THC	689762.46	1729715.08	4334.34
59	THC	689769.96	1729715.08	4334.38
60	BS	689769.96	1729714.58	4334.38
61	X-EC	689774.96	1729714.57	4334.42
62	X-EC	689774.96	1729710.82	4334.30
63	TSW	689769.96	1729709.58	4334.30
64	THC	689769.96	1729709.08	4334.30
65	TSW	689762.46	1729709.58	4333.77
66	THC	689762.96	1729709.08	4334.26

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
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**6TH STREET & NEW YORK AVENUE
CURB RAMP NORTHEAST
RAMP #44**

NOTE TO CONTRACTOR:
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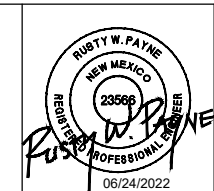
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Rev. No.	DATE	DESCRIPTION	APPROVED

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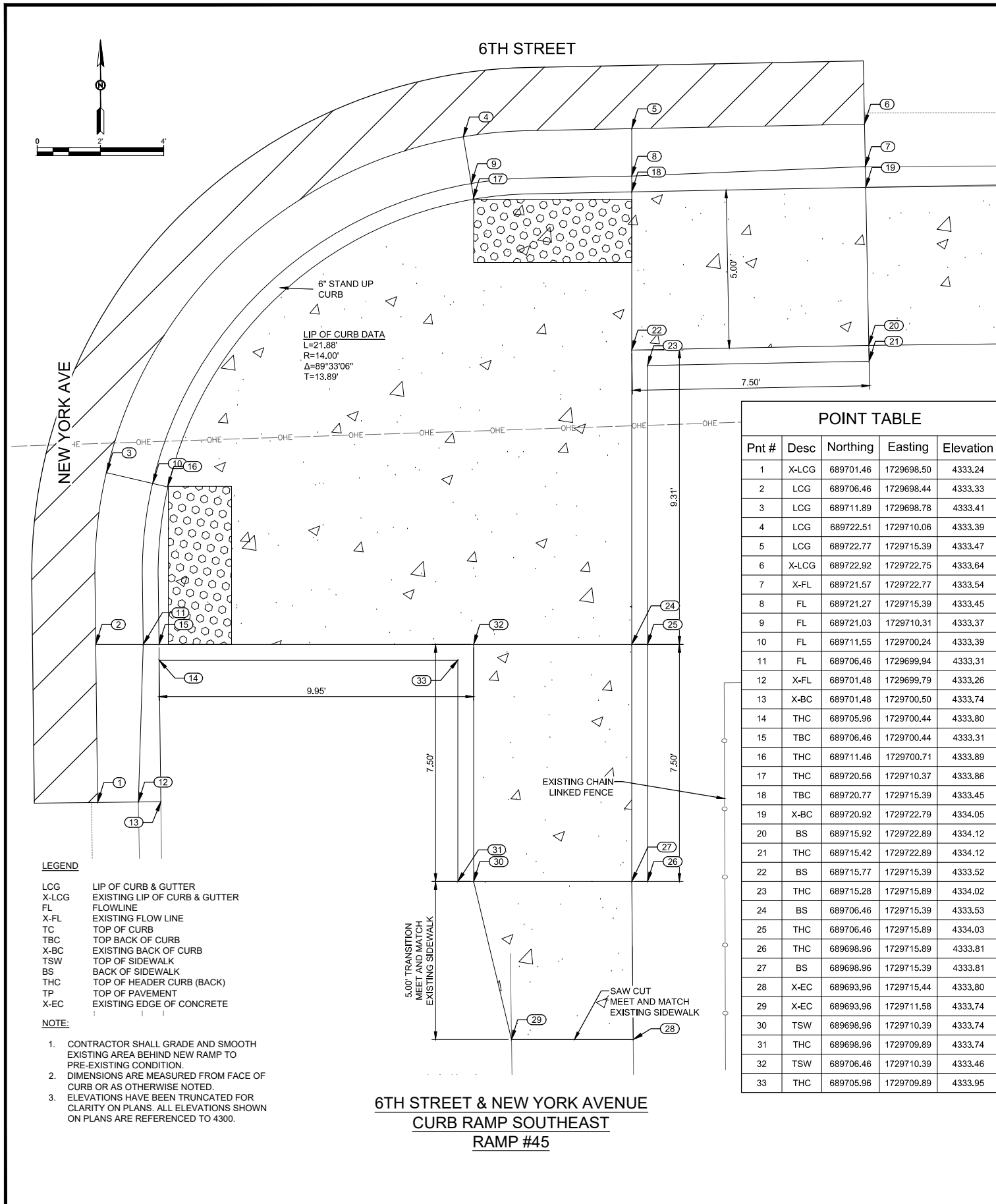
ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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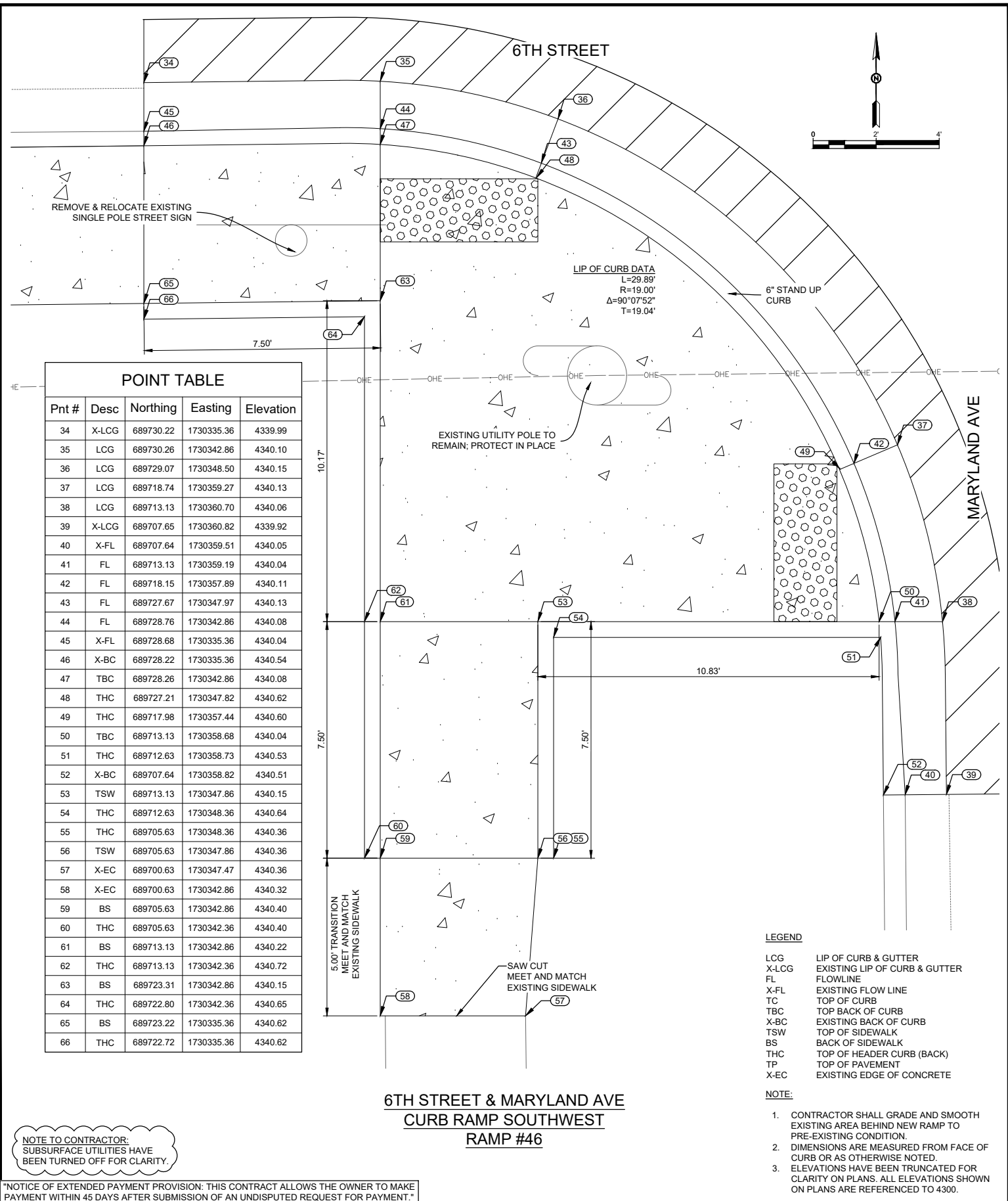
Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale:	HORIZ. BAR SCALE
	INCLUDE VERT SCALE ON P&P

Sheet 78 of 91
GD22.0
 19-C-NR-I-01-G-18



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689701.46	1729698.50	4333.24
2	LCG	689706.46	1729698.44	4333.33
3	LCG	689711.89	1729698.78	4333.41
4	LCG	689722.51	1729710.06	4333.39
5	LCG	689722.77	1729715.39	4333.47
6	X-LCG	689722.92	1729722.75	4333.64
7	X-FL	689721.57	1729722.77	4333.54
8	FL	689721.27	1729715.39	4333.45
9	FL	689721.03	1729710.31	4333.37
10	FL	689711.55	1729700.24	4333.39
11	FL	689706.46	1729699.94	4333.31
12	X-FL	689701.48	1729699.79	4333.26
13	X-BC	689701.48	1729700.50	4333.74
14	THC	689705.96	1729700.44	4333.80
15	TBC	689706.46	1729700.44	4333.31
16	THC	689711.46	1729700.71	4333.89
17	THC	689720.56	1729710.37	4333.86
18	TBC	689720.77	1729715.39	4333.45
19	X-BC	689720.92	1729722.79	4334.05
20	BS	689715.92	1729722.89	4334.12
21	THC	689715.42	1729722.89	4334.12
22	BS	689715.77	1729715.39	4333.52
23	THC	689715.28	1729715.89	4334.02
24	BS	689706.46	1729715.39	4333.53
25	THC	689706.46	1729715.89	4334.03
26	THC	689698.96	1729715.89	4333.81
27	BS	689698.96	1729715.39	4333.81
28	X-EC	689693.96	1729715.44	4333.80
29	X-EC	689693.96	1729711.58	4333.74
30	TSW	689698.96	1729710.39	4333.74
31	THC	689698.96	1729709.89	4333.74
32	TSW	689706.46	1729710.39	4333.46
33	THC	689705.96	1729709.89	4333.95

6TH STREET & NEW YORK AVENUE
CURB RAMP SOUTHEAST
RAMP #45



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689730.22	1730335.36	4339.99
35	LCG	689730.26	1730342.86	4340.10
36	LCG	689729.07	1730348.50	4340.15
37	LCG	689718.74	1730359.27	4340.13
38	LCG	689713.13	1730360.70	4340.06
39	X-LCG	689707.65	1730360.82	4339.92
40	X-FL	689707.64	1730359.51	4340.05
41	FL	689713.13	1730359.19	4340.04
42	FL	689718.15	1730357.89	4340.11
43	FL	689727.67	1730347.97	4340.13
44	FL	689728.76	1730342.86	4340.08
45	X-FL	689728.68	1730335.36	4340.04
46	X-BC	689728.22	1730335.36	4340.54
47	TBC	689728.26	1730342.86	4340.08
48	THC	689727.21	1730347.82	4340.62
49	THC	689717.98	1730357.44	4340.60
50	TBC	689713.13	1730358.68	4340.04
51	THC	689712.63	1730358.73	4340.53
52	X-BC	689707.64	1730358.82	4340.51
53	TSW	689713.13	1730347.86	4340.15
54	THC	689712.63	1730348.36	4340.64
55	THC	689705.63	1730348.36	4340.36
56	TSW	689705.63	1730347.86	4340.36
57	X-EC	689700.63	1730347.47	4340.36
58	X-EC	689700.63	1730342.86	4340.32
59	BS	689705.63	1730342.86	4340.40
60	THC	689705.63	1730342.36	4340.40
61	BS	689713.13	1730342.86	4340.22
62	THC	689713.13	1730342.36	4340.72
63	BS	689723.31	1730342.86	4340.15
64	THC	689722.80	1730342.36	4340.65
65	BS	689723.22	1730335.36	4340.62
66	THC	689722.72	1730335.36	4340.62

6TH STREET & MARYLAND AVENUE
CURB RAMP SOUTHWEST
RAMP #46

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

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

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

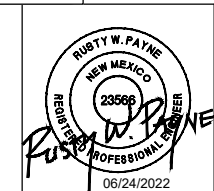
 Professional Resources for Damage Prevention 1-800-321-2537



ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



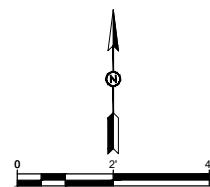

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 Suite 200A
 Las Cruces, NM 88001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-004

Drawn By: SMITH Designed By: SMITH

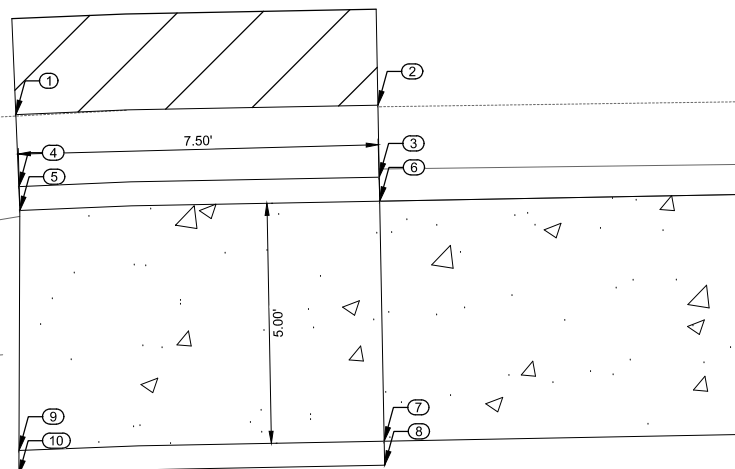
Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P



6TH STREET

MARYLAND AVE



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689731.02	1730417.72	4340.71
2	X-LCG	689731.21	1730425.26	4340.76
3	X-FL	689729.71	1730425.29	4340.78
4	X-FL	689729.52	1730417.78	4340.71
5	X-EC	689729.02	1730417.80	4340.77
6	X-BC	689729.21	1730425.30	4341.23
7	BS	689724.21	1730425.39	4341.31
8	THC	689723.71	1730425.40	4341.31
9	X-EC	689724.02	1730417.78	4340.86
10	X-BC	689723.52	1730417.78	4341.16

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

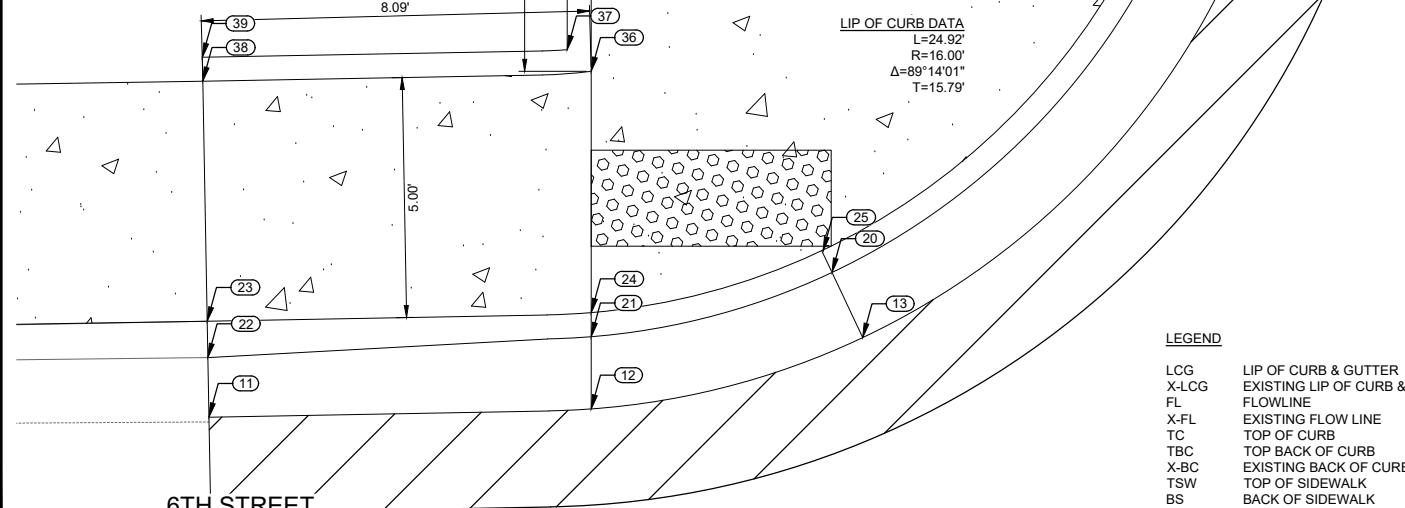
NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

6TH STREET & MARYLAND AVENUE
CURB RAMP SOUTHEAST
RAMP #47

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
11	X-LCG	689760.97	1730733.26	4344.19
12	LCG	689761.14	1730741.22	4344.33
13	LCG	689762.63	1730746.88	4344.38
14	LCG	689769.94	1730754.35	4344.36
15	LCG	689775.61	1730755.97	4344.39
16	X-LCG	689781.12	1730756.02	4344.40
17	X-FL	689781.11	1730754.67	4344.28
18	FL	689775.61	1730754.47	4344.37
19	FL	689770.61	1730753.01	4344.34
20	FL	689763.99	1730746.24	4344.36
21	FL	689762.65	1730741.22	4344.31
22	X-FL	689762.21	1730733.24	4344.19
23	X-BC	689762.97	1730733.22	4344.60
24	TBC	689763.15	1730741.22	4344.31
25	THC	689764.43	1730746.05	4344.85
26	THC	689770.81	1730752.57	4344.83
27	TBC	689775.61	1730753.96	4344.37
28	THC	689776.11	1730754.01	4344.86
29	X-BC	689781.11	1730754.02	4344.74
30	TSW	689775.61	1730746.22	4344.41
31	THC	689776.11	1730746.24	4344.98
32	X-EC	689783.61	1730744.99	4344.44
33	X-EC	689783.61	1730741.22	4344.44
34	BS	689775.61	1730741.22	4344.48
35	THC	689775.61	1730740.72	4344.98
36	BS	689768.18	1730741.22	4344.38
37	THC	689768.63	1730740.72	4344.88
38	BS	689767.97	1730733.13	4344.67
39	THC	689768.47	1730733.12	4344.67



LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

6TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHWEST
RAMP #48

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

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

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

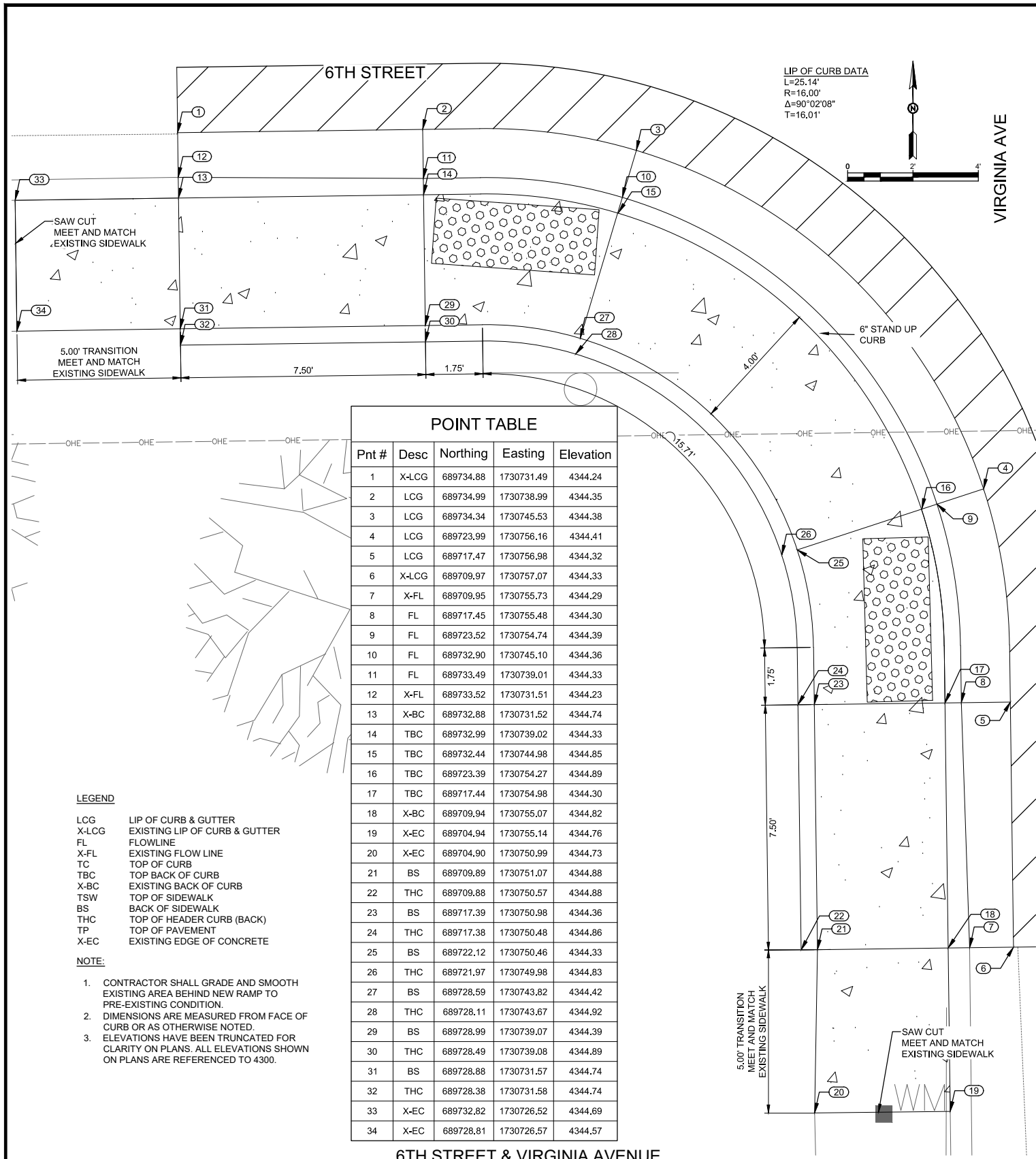
RAMP DETAILS
CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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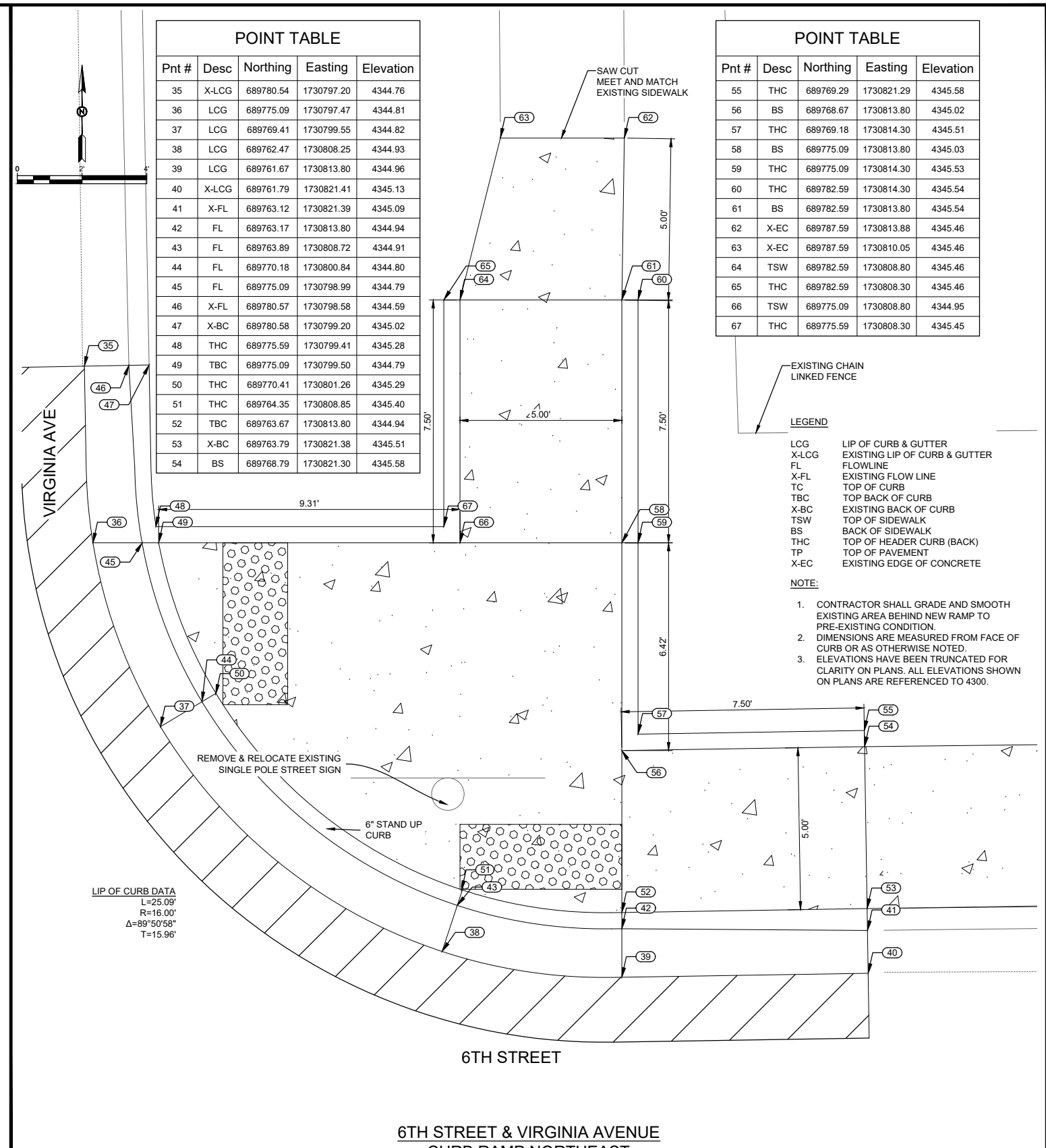
Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: GD24.0
 Sheet 80 of 91
 19-C-NR-I-01-G-18



Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689734.88	1730731.49	4344.24
2	LCG	689734.99	1730738.99	4344.35
3	LCG	689734.34	1730745.53	4344.38
4	LCG	689723.99	1730756.16	4344.41
5	LCG	689717.47	1730756.98	4344.32
6	X-LCG	689709.97	1730757.07	4344.33
7	X-FL	689709.95	1730755.73	4344.29
8	FL	689717.45	1730755.48	4344.30
9	FL	689723.52	1730754.74	4344.39
10	FL	689732.90	1730745.10	4344.36
11	FL	689733.49	1730739.01	4344.33
12	X-FL	689733.52	1730731.51	4344.23
13	X-BC	689732.88	1730731.52	4344.74
14	TBC	689732.99	1730739.02	4344.33
15	TBC	689732.44	1730744.98	4344.85
16	TBC	689723.39	1730754.27	4344.89
17	TBC	689717.44	1730754.98	4344.30
18	X-BC	689709.94	1730755.07	4344.82
19	X-EC	689704.94	1730755.14	4344.76
20	X-EC	689704.90	1730750.99	4344.73
21	BS	689709.89	1730751.07	4344.88
22	THC	689709.88	1730750.57	4344.88
23	BS	689717.39	1730750.98	4344.36
24	THC	689717.38	1730750.48	4344.86
25	BS	689722.12	1730750.46	4344.33
26	THC	689721.97	1730749.98	4344.83
27	BS	689728.59	1730743.82	4344.42
28	THC	689728.11	1730743.67	4344.92
29	BS	689728.99	1730739.07	4344.39
30	THC	689728.49	1730739.08	4344.89
31	BS	689728.88	1730731.57	4344.74
32	THC	689728.38	1730731.58	4344.74
33	X-EC	689732.82	1730726.52	4344.69
34	X-EC	689728.81	1730726.57	4344.57

6TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHWEST
RAMP #49



Pnt #	Desc	Northing	Easting	Elevation
35	X-LCG	689780.54	1730797.20	4344.76
36	LCG	689775.09	1730797.47	4344.81
37	LCG	689769.41	1730799.55	4344.82
38	LCG	689762.47	1730808.25	4344.93
39	LCG	689761.67	1730813.80	4344.96
40	X-LCG	689761.79	1730821.41	4345.13
41	X-FL	689763.12	1730821.39	4345.09
42	FL	689763.17	1730813.80	4344.94
43	FL	689763.89	1730808.72	4344.91
44	FL	689770.18	1730800.84	4344.80
45	FL	689775.09	1730798.99	4344.79
46	X-FL	689780.57	1730798.58	4344.59
47	X-BC	689780.58	1730799.20	4345.02
48	THC	689775.59	1730799.41	4345.28
49	TBC	689775.09	1730799.50	4344.79
50	THC	689770.41	1730801.26	4345.29
51	THC	689764.35	1730808.85	4345.40
52	TBC	689763.67	1730813.80	4344.94
53	X-BC	689763.79	1730821.38	4345.51
54	BS	689768.79	1730821.30	4345.58

Pnt #	Desc	Northing	Easting	Elevation
55	THC	689769.29	1730821.29	4345.58
56	BS	689768.67	1730813.80	4345.02
57	THC	689769.18	1730814.30	4345.51
58	BS	689775.09	1730813.80	4345.03
59	THC	689775.09	1730814.30	4345.53
60	THC	689782.59	1730814.30	4345.54
61	BS	689782.59	1730813.80	4345.54
62	X-EC	689787.59	1730813.88	4345.46
63	X-EC	689787.59	1730810.05	4345.46
64	TSW	689782.59	1730808.80	4345.46
65	THC	689782.59	1730808.30	4345.46
66	TSW	689775.09	1730808.80	4344.95
67	THC	689775.59	1730808.30	4345.45

EXISTING CHAIN LINKED FENCE

LEGEND

LCG LIP OF CURB & GUTTER
X-LCG EXISTING LIP OF CURB & GUTTER
FL FLOWLINE
X-FL EXISTING FLOW LINE
TC TOP OF CURB
TBC TOP BACK OF CURB
X-BC EXISTING BACK OF CURB
TSW TOP OF SIDEWALK
BS BACK OF SIDEWALK
THC TOP OF HEADER CURB (BACK)
TP TOP OF PAVEMENT
X-EC EXISTING EDGE OF CONCRETE

NOTE:

- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
- DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
- ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

6TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHEAST
RAMP #50

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

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

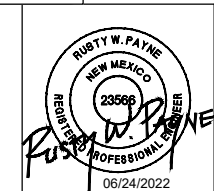
REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements
 RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

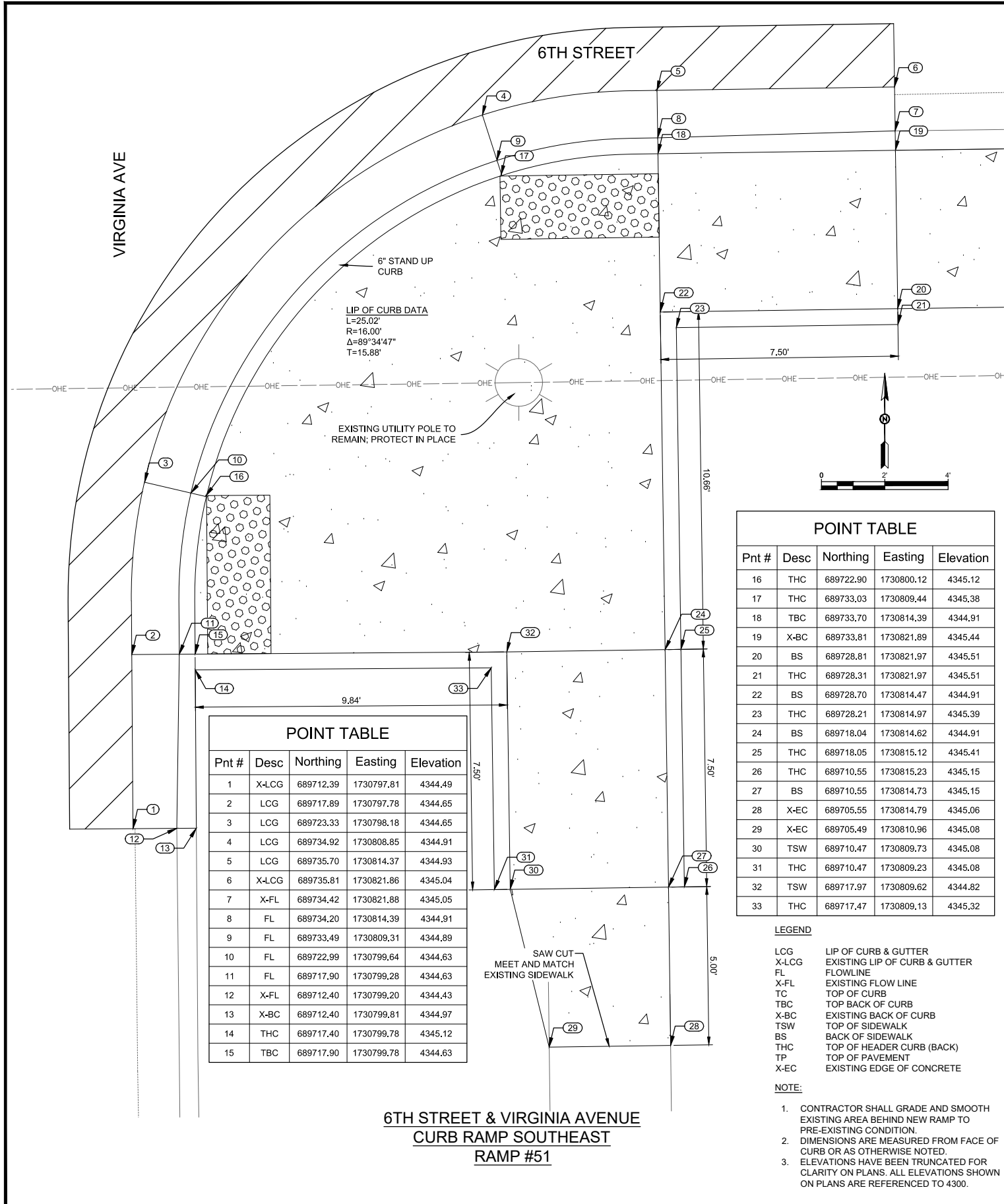


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Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: GD25.0
 Sheet 81 of 91
 19-C-NR-I-01-G-18

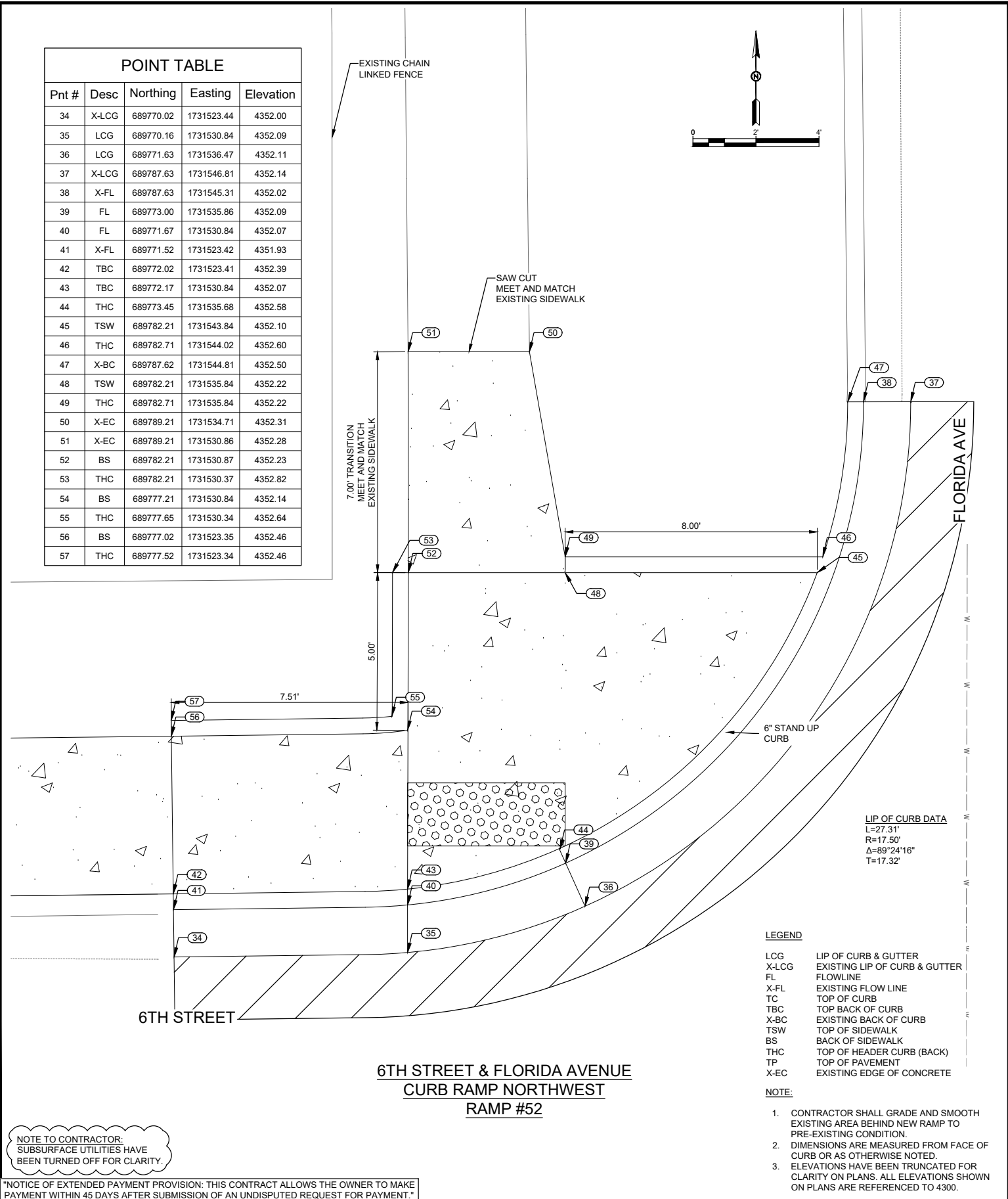


POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689712.39	1730797.81	4344.49
2	LCG	689717.89	1730797.78	4344.65
3	LCG	689723.33	1730798.18	4344.65
4	LCG	689734.92	1730808.85	4344.91
5	LCG	689735.70	1730814.37	4344.93
6	X-LCG	689735.81	1730821.86	4345.04
7	X-FL	689734.42	1730821.88	4345.05
8	FL	689734.20	1730814.39	4344.91
9	FL	689733.49	1730809.31	4344.89
10	FL	689722.99	1730799.64	4344.63
11	FL	689717.90	1730799.28	4344.63
12	X-FL	689712.40	1730799.20	4344.43
13	X-BC	689712.40	1730799.81	4344.97
14	THC	689717.40	1730799.78	4345.12
15	TBC	689717.90	1730799.78	4344.63

**6TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHEAST
RAMP #51**

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
16	THC	689722.90	1730800.12	4345.12
17	THC	689733.03	1730809.44	4345.38
18	TBC	689733.70	1730814.39	4344.91
19	X-BC	689733.81	1730821.89	4345.44
20	BS	689728.81	1730821.97	4345.51
21	THC	689728.31	1730821.97	4345.51
22	BS	689728.70	1730814.47	4344.91
23	THC	689728.21	1730814.97	4345.39
24	BS	689718.04	1730814.62	4344.91
25	THC	689718.05	1730815.12	4345.41
26	THC	689710.55	1730815.23	4345.15
27	BS	689710.55	1730814.73	4345.15
28	X-EC	689705.55	1730814.79	4345.06
29	X-EC	689705.49	1730810.96	4345.08
30	TSW	689710.47	1730809.73	4345.08
31	THC	689710.47	1730809.23	4345.08
32	TSW	689717.97	1730809.62	4344.82
33	THC	689717.47	1730809.13	4345.32

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	689770.02	1731523.44	4352.00
35	LCG	689770.16	1731530.84	4352.09
36	LCG	689771.63	1731536.47	4352.11
37	X-LCG	689787.63	1731546.81	4352.14
38	X-FL	689787.63	1731545.31	4352.02
39	FL	689773.00	1731535.86	4352.09
40	FL	689771.67	1731530.84	4352.07
41	X-FL	689771.52	1731523.42	4351.93
42	TBC	689772.02	1731523.41	4352.39
43	TBC	689772.17	1731530.84	4352.07
44	THC	689773.45	1731535.68	4352.58
45	TSW	689782.21	1731543.84	4352.10
46	THC	689782.71	1731544.02	4352.60
47	X-BC	689787.62	1731544.81	4352.50
48	TSW	689782.21	1731535.84	4352.22
49	THC	689782.71	1731535.84	4352.22
50	X-EC	689789.21	1731534.71	4352.31
51	X-EC	689789.21	1731530.86	4352.28
52	BS	689782.21	1731530.87	4352.23
53	THC	689782.21	1731530.37	4352.82
54	BS	689777.21	1731530.84	4352.14
55	THC	689777.65	1731530.34	4352.64
56	BS	689777.02	1731523.35	4352.46
57	THC	689777.52	1731523.34	4352.46

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

**6TH STREET & FLORIDA AVENUE
CURB RAMP NORTHWEST
RAMP #52**

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

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

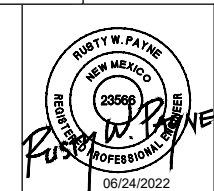
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NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

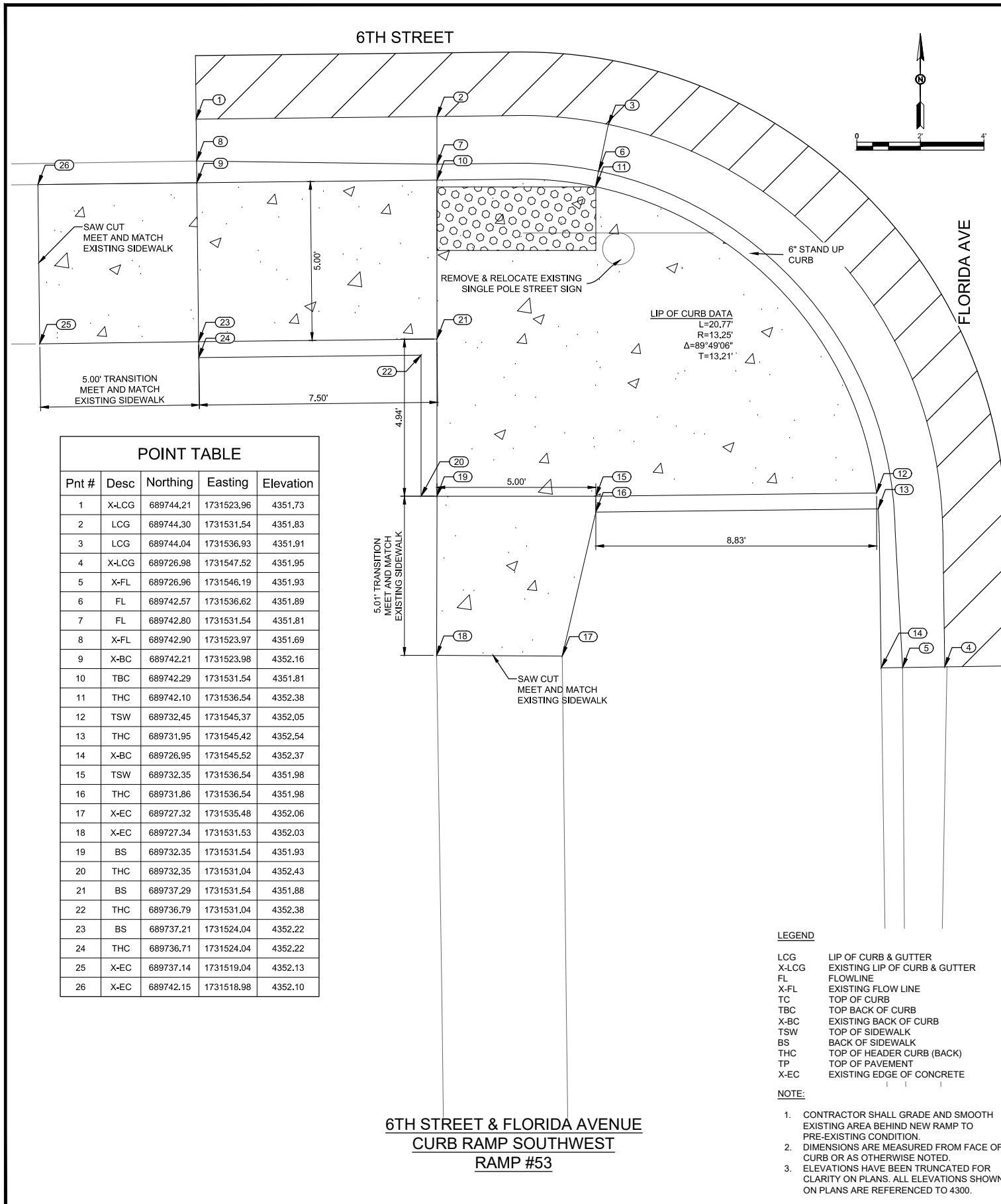


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 Phone: 575-523-2395
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Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **GD26.0**
 Sheet 82 of 91
 19-C-NR-I-01-G-18



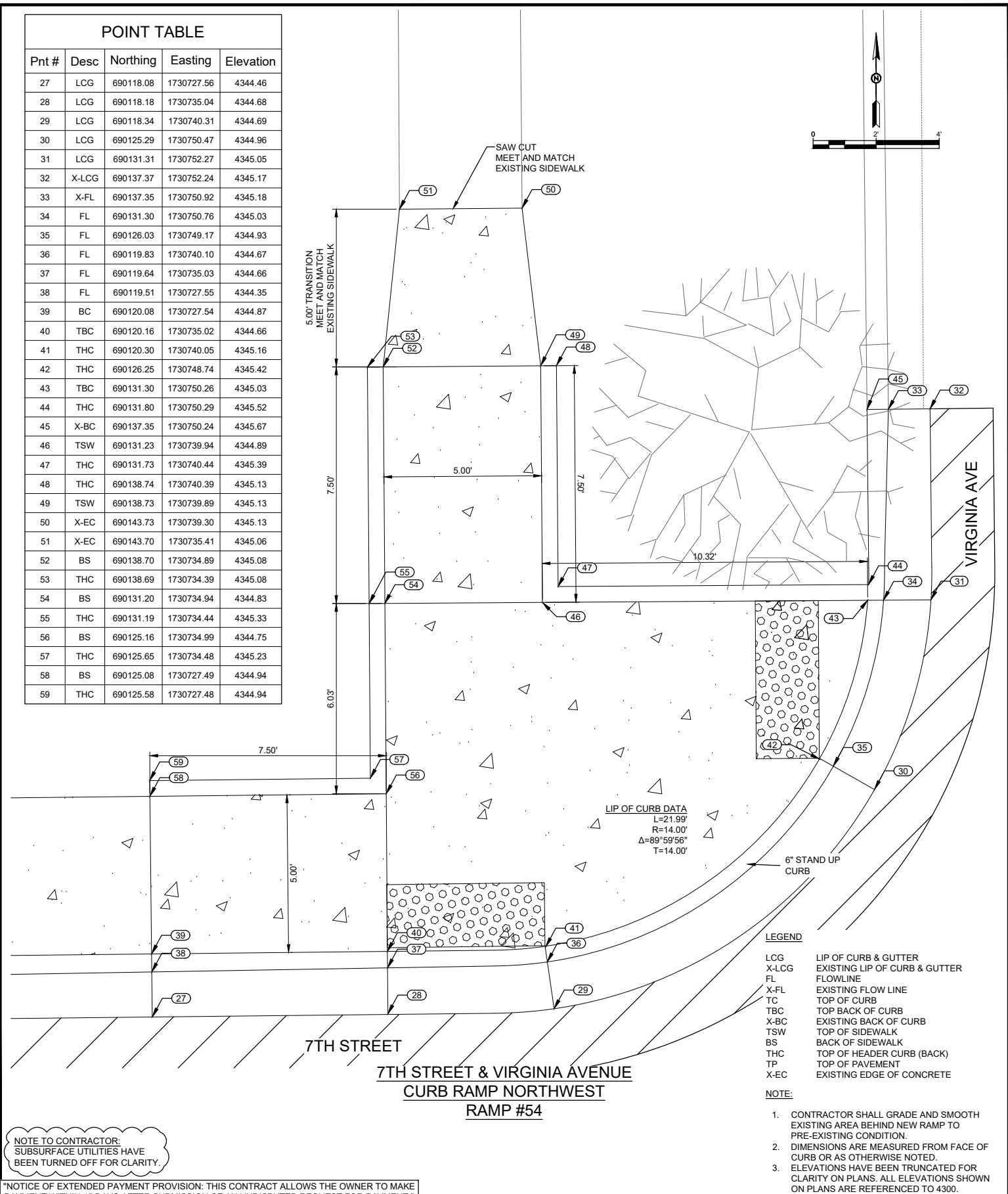
POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	689744.21	1731523.96	4351.73
2	LCG	689744.30	1731531.54	4351.83
3	LCG	689744.04	1731536.93	4351.91
4	X-LCG	689726.98	1731547.52	4351.95
5	X-FL	689726.96	1731546.19	4351.93
6	FL	689742.57	1731536.62	4351.89
7	FL	689742.80	1731531.54	4351.81
8	X-FL	689742.90	1731523.97	4351.69
9	X-BC	689742.21	1731523.98	4352.16
10	TBC	689742.29	1731531.54	4351.81
11	THC	689742.10	1731536.54	4352.38
12	TSW	689732.45	1731545.37	4352.05
13	THC	689731.95	1731545.42	4352.54
14	X-BC	689726.95	1731545.52	4352.37
15	TSW	689732.35	1731536.54	4351.98
16	THC	689731.86	1731536.54	4351.98
17	X-EC	689727.32	1731535.48	4352.06
18	X-EC	689727.34	1731531.53	4352.03
19	BS	689732.35	1731531.54	4351.93
20	THC	689732.35	1731531.04	4352.43
21	BS	689737.29	1731531.54	4351.88
22	THC	689736.79	1731531.04	4352.38
23	BS	689737.21	1731524.04	4352.22
24	THC	689736.71	1731524.04	4352.22
25	X-EC	689737.14	1731519.04	4352.13
26	X-EC	689742.15	1731518.98	4352.10

6TH STREET & FLORIDA AVENUE
CURB RAMP SOUTHWEST
RAMP #53

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
27	LCG	690118.08	1730727.56	4344.46
28	LCG	690118.18	1730735.04	4344.68
29	LCG	690118.34	1730740.31	4344.69
30	LCG	690125.29	1730750.47	4344.96
31	LCG	690131.31	1730752.27	4345.05
32	X-LCG	690137.37	1730752.24	4345.17
33	X-FL	690137.35	1730750.92	4345.18
34	FL	690131.30	1730750.76	4345.03
35	FL	690126.03	1730749.17	4344.93
36	FL	690119.83	1730740.10	4344.67
37	FL	690119.64	1730735.03	4344.66
38	FL	690119.51	1730727.55	4344.35
39	BC	690120.08	1730727.54	4344.87
40	TBC	690120.16	1730735.02	4344.66
41	THC	690120.30	1730740.05	4345.16
42	THC	690126.25	1730748.74	4345.42
43	TBC	690131.30	1730750.26	4345.03
44	THC	690131.80	1730750.29	4345.52
45	X-BC	690137.35	1730750.24	4345.67
46	TSW	690131.23	1730739.94	4344.89
47	THC	690131.73	1730740.44	4345.39
48	THC	690138.74	1730740.39	4345.13
49	TSW	690138.73	1730739.89	4345.13
50	X-EC	690143.73	1730739.30	4345.13
51	X-EC	690143.70	1730735.41	4345.06
52	BS	690138.70	1730734.89	4345.08
53	THC	690138.69	1730734.39	4345.08
54	BS	690131.20	1730734.94	4344.83
55	THC	690131.19	1730734.44	4345.33
56	BS	690125.16	1730734.99	4344.75
57	THC	690125.65	1730734.48	4345.23
58	BS	690125.08	1730727.49	4344.94
59	THC	690125.58	1730727.48	4344.94

7TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHWEST
RAMP #54

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

- NOTE:**
- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
 - DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
 - ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

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

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention

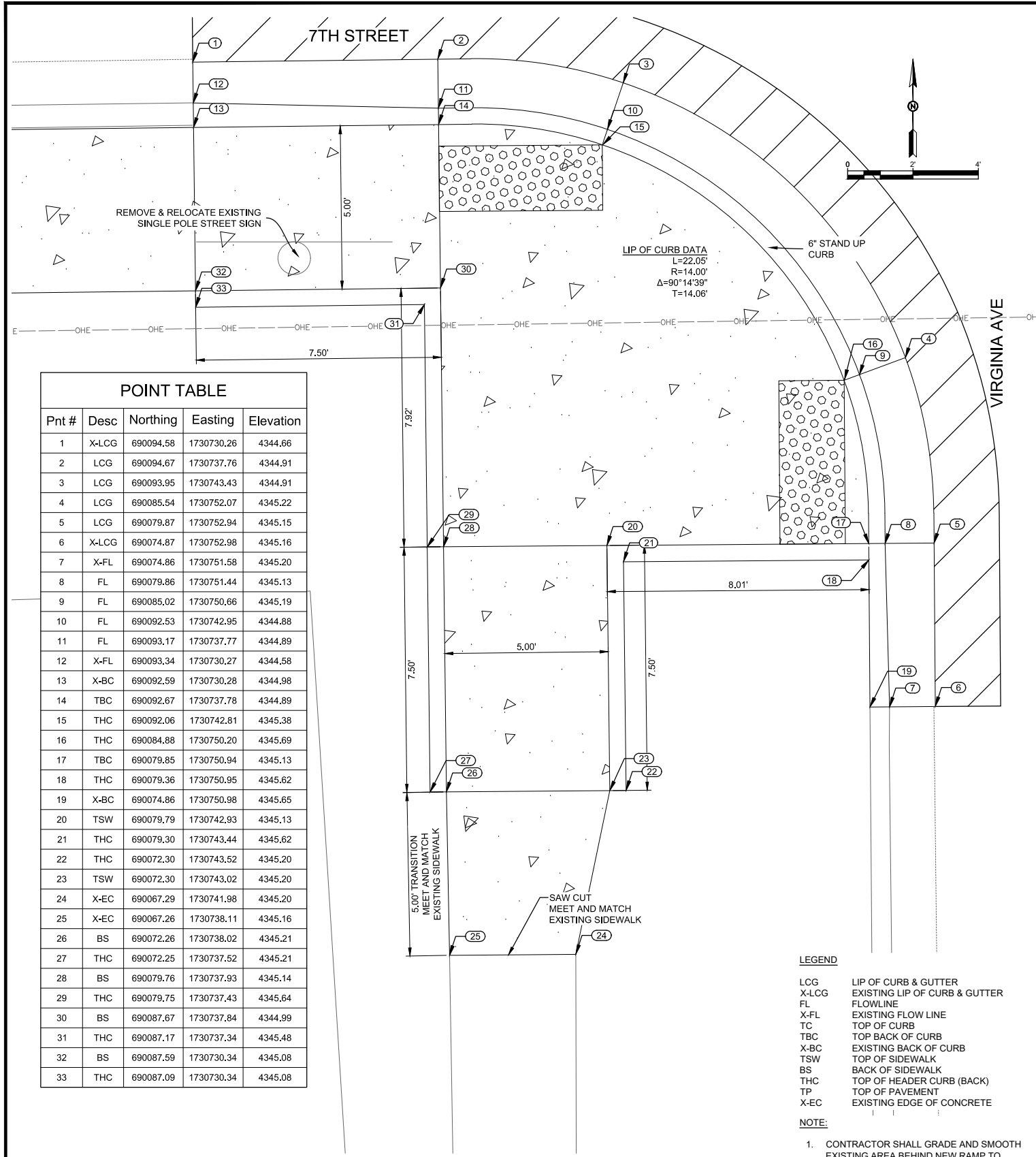
ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

RUSTY W. PAYNE
NEW MEXICO
23566
PROFESSIONAL ENGINEER
06/24/2022

Public Works Bid No.: 2022-004	Sheet No.: GD27.0
Drawn By: SMITH Designed By: SMITH	
Checked By: SMITH Approved By: COA	
Scale: HORIZ. BAR SCALE	Sheet 83 of 91
INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690094.58	1730730.26	4344.66
2	LCG	690094.67	1730737.76	4344.91
3	LCG	690093.95	1730743.43	4344.91
4	LCG	690085.54	1730752.07	4345.22
5	LCG	690079.87	1730752.94	4345.15
6	X-LCG	690074.87	1730752.98	4345.16
7	X-FL	690074.86	1730751.58	4345.20
8	FL	690079.86	1730751.44	4345.13
9	FL	690085.02	1730750.66	4345.19
10	FL	690092.53	1730742.95	4344.88
11	FL	690093.17	1730737.77	4344.89
12	X-FL	690093.34	1730730.27	4344.58
13	X-BC	690092.59	1730730.28	4344.98
14	TBC	690092.67	1730737.78	4344.89
15	THC	690092.06	1730742.81	4345.38
16	THC	690084.88	1730750.20	4345.69
17	TBC	690079.85	1730750.94	4345.13
18	THC	690079.36	1730750.95	4345.62
19	X-BC	690074.86	1730750.98	4345.65
20	TSW	690079.79	1730742.93	4345.13
21	THC	690079.30	1730743.44	4345.62
22	THC	690072.30	1730743.52	4345.20
23	TSW	690072.30	1730743.02	4345.20
24	X-EC	690067.29	1730741.98	4345.20
25	X-EC	690067.26	1730738.11	4345.16
26	BS	690072.26	1730738.02	4345.21
27	THC	690072.25	1730737.52	4345.21
28	BS	690079.76	1730737.93	4345.14
29	THC	690079.75	1730737.43	4345.64
30	BS	690087.67	1730737.84	4344.99
31	THC	690087.17	1730737.34	4345.48
32	BS	690087.59	1730730.34	4345.08
33	THC	690087.09	1730730.34	4345.08

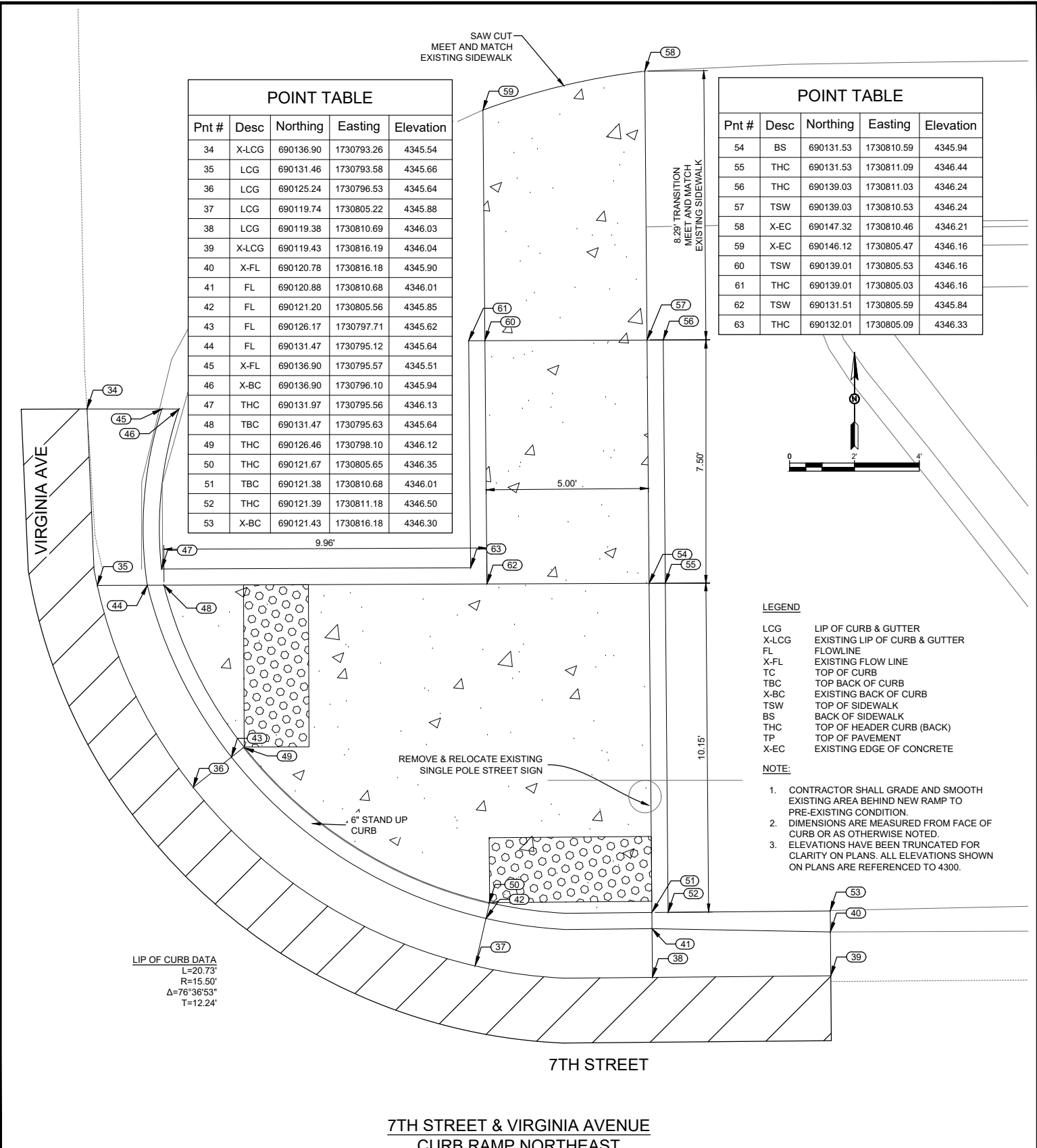
7TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHWEST
RAMP #55

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

NOTE:

- CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
- DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
- ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.



POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
34	X-LCG	690136.90	1730793.26	4345.54
35	LCG	690131.46	1730793.58	4345.66
36	LCG	690125.24	1730796.53	4345.64
37	LCG	690119.74	1730805.22	4345.88
38	LCG	690119.38	1730810.69	4346.03
39	X-LCG	690119.43	1730816.19	4346.04
40	X-FL	690120.78	1730816.18	4345.90
41	FL	690120.88	1730810.68	4346.01
42	FL	690121.20	1730805.56	4345.85
43	FL	690126.17	1730797.71	4345.62
44	FL	690131.47	1730795.12	4345.64
45	X-FL	690136.90	1730795.57	4345.51
46	X-BC	690136.90	1730796.10	4345.94
47	THC	690131.97	1730795.56	4346.13
48	TBC	690131.47	1730795.63	4345.64
49	THC	690126.46	1730798.10	4346.12
50	THC	690121.67	1730805.65	4346.35
51	TBC	690121.38	1730810.68	4346.01
52	THC	690121.39	1730811.18	4346.50
53	X-BC	690121.43	1730816.18	4346.30

POINT TABLE

Pnt #	Desc	Northing	Easting	Elevation
54	BS	690131.53	1730810.59	4345.94
55	THC	690131.53	1730811.09	4346.44
56	THC	690139.03	1730811.03	4346.24
57	TSW	690139.03	1730810.53	4346.24
58	X-EC	690147.32	1730810.46	4346.21
59	X-EC	690146.12	1730805.47	4346.16
60	TSW	690139.01	1730805.53	4346.16
61	THC	690139.01	1730805.03	4346.16
62	TSW	690131.51	1730805.59	4345.84
63	THC	690132.01	1730805.09	4346.33

LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

NOTE:

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7TH STREET & VIRGINIA AVENUE
CURB RAMP NORTHEAST
RAMP #56

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

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

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC
 Professional Resources for Damage Prevention 1-800-321-2537

ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

RUSTY W. PAYNE
NEW MEXICO
23586
REGISTERED PROFESSIONAL ENGINEER
06/24/2022

SMITH ENGINEERING
Solutions for Today...
Vision for Tomorrow
201 N Church Street
Suite 200A
Las Cruces, NM 89001
Phone: 575-523-2395
www.smithengineering.pro

Public Works Bid No.: 2022-004

Drawn By: SMITH Designed By: SMITH

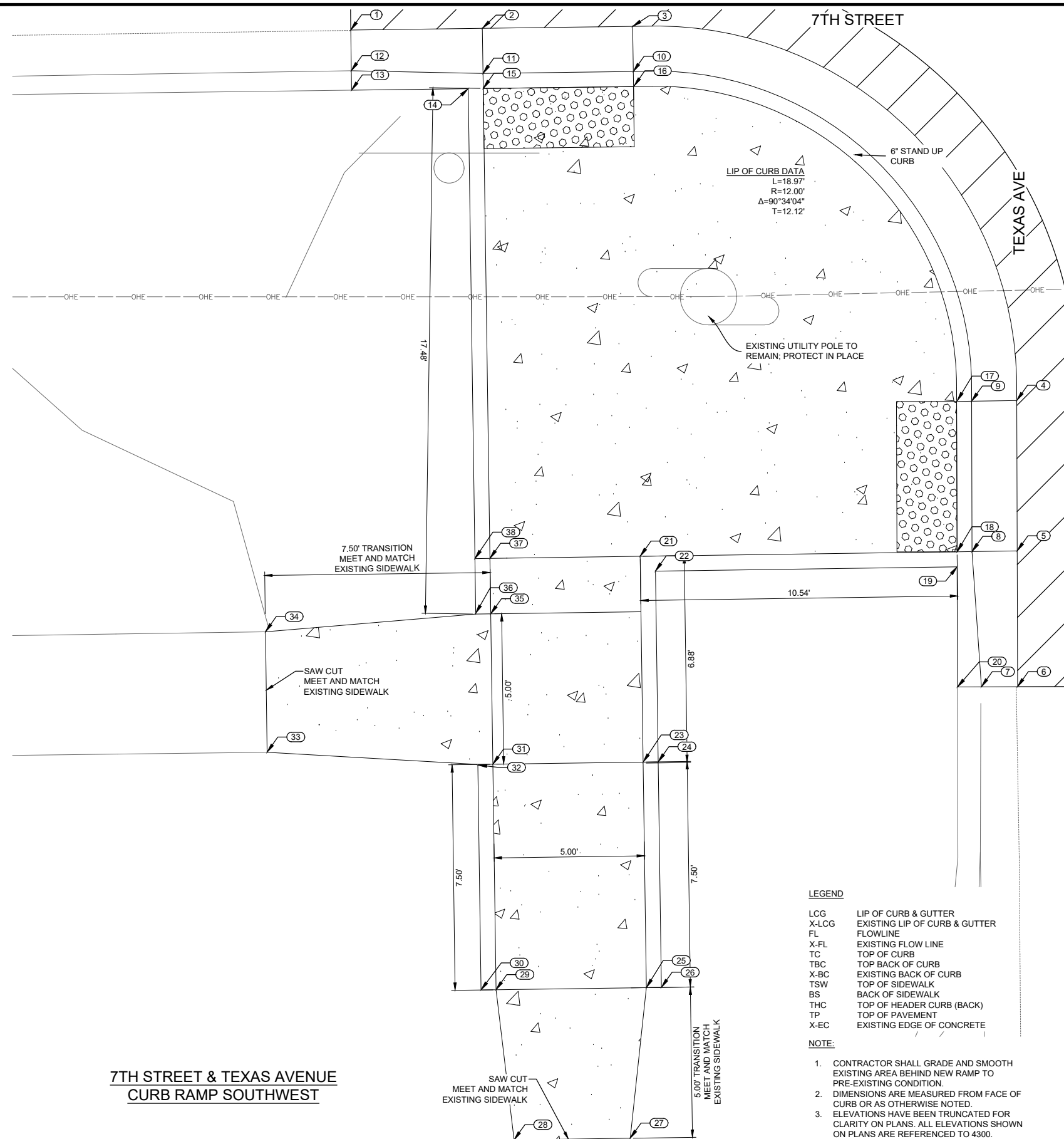
Checked By: SMITH Approved By: COA

Scale: HORIZ. BAR SCALE
INCLUDE VERT SCALE ON P&P

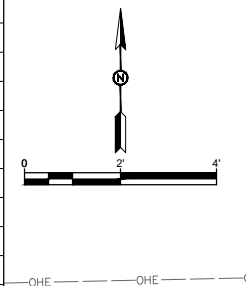
Sheet No.: **GD28.0**

Sheet 84 of 91

19-C-NR-I-01-G-18



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690099.52	1731127.58	4349.27
2	LCG	690099.57	1731131.96	4349.34
3	LCG	690099.64	1731136.96	4349.39
4	LCG	690087.20	1731149.74	4349.60
5	LCG	690082.20	1731149.75	4349.59
6	X-LCG	690077.68	1731149.76	4349.51
7	X-FL	690077.68	1731148.56	4349.49
8	FL	690082.18	1731148.25	4349.57
9	FL	690087.18	1731148.24	4349.58
10	FL	690098.14	1731136.98	4349.37
11	FL	690098.07	1731131.98	4349.32
12	X-FL	690098.16	1731127.60	4349.25
13	X-BC	690097.52	1731127.61	4349.67
14	THC	690097.57	1731131.49	4349.81
15	TBC	690097.57	1731131.99	4349.32
16	THC	690097.66	1731137.01	4349.86
17	THC	690087.19	1731147.76	4350.07
18	TBC	690082.17	1731147.75	4349.57
19	THC	690081.67	1731147.75	4350.06
20	X-BC	690077.67	1731147.76	4349.98
21	TSW	690082.02	1731137.21	4349.57
22	THC	690081.53	1731137.72	4350.06
23	TSW	690075.18	1731137.31	4349.67
24	THC	690075.18	1731137.81	4350.17
25	TSW	690067.68	1731137.42	4349.96
26	THC	690067.68	1731137.91	4349.96
27	X-EC	690062.67	1731136.88	4349.96
28	X-EC	690062.61	1731133.02	4350.02
29	BS	690067.60	1731132.42	4349.99
30	THC	690067.60	1731131.92	4349.99
31	BS	690075.10	1731132.31	4349.70
32	THC	690075.08	1731131.81	4350.23
33	X-EC	690075.50	1731124.80	4349.79
34	X-EC	690079.51	1731124.74	4349.78
35	TSW	690080.10	1731132.24	4349.63
36	THC	690080.12	1731131.74	4350.12
37	BS	690081.95	1731132.21	4349.60
38	THC	690081.94	1731131.71	4350.10



7TH STREET & TEXAS AVENUE
CURB RAMP SOUTHWEST

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
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3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

NOTE TO CONTRACTOR:
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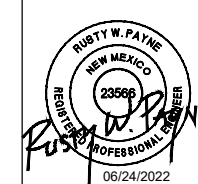
REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!

 Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements
 RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT




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 Vision for Tomorrow
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 Phone: 575-523-2395
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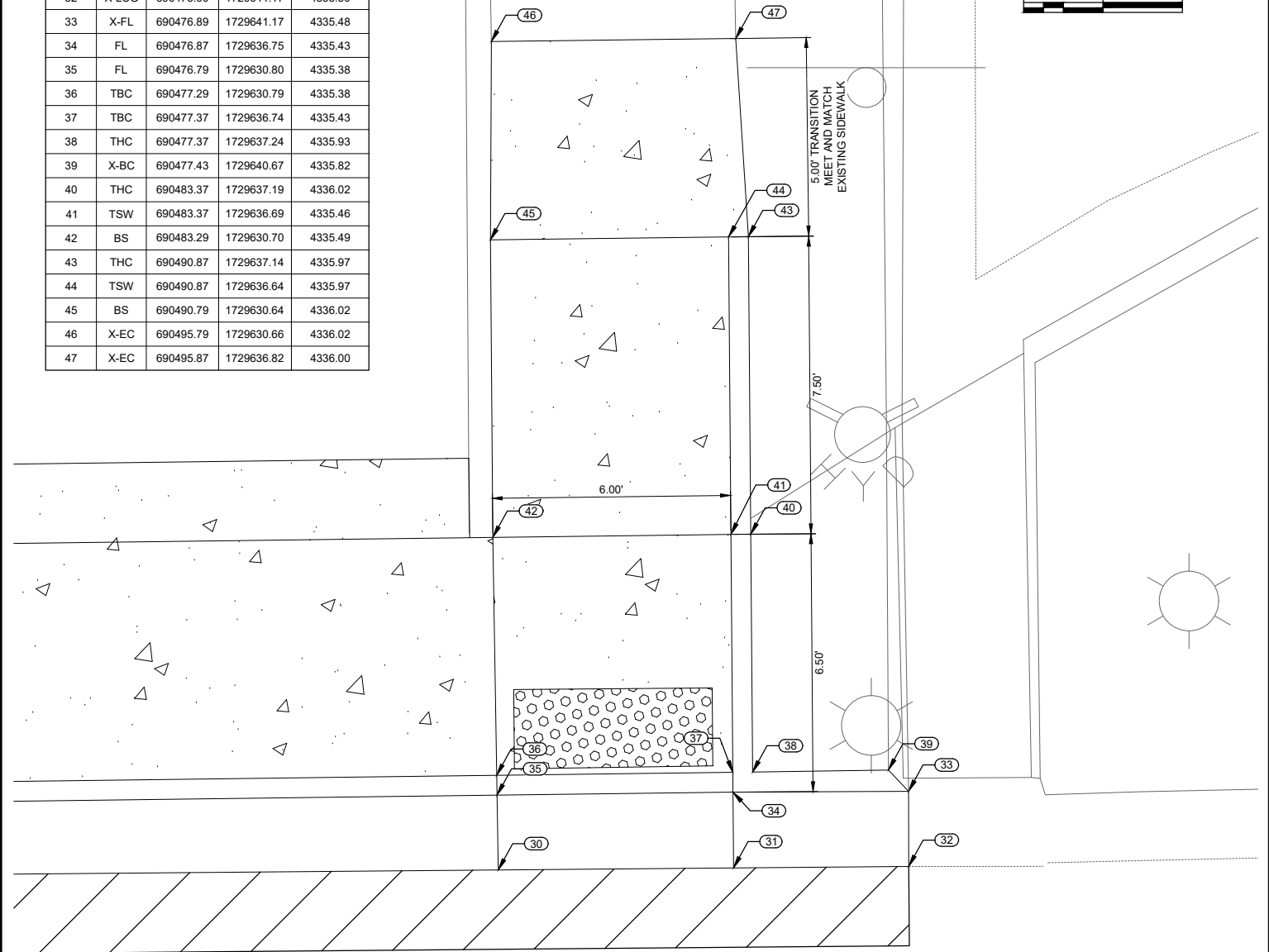
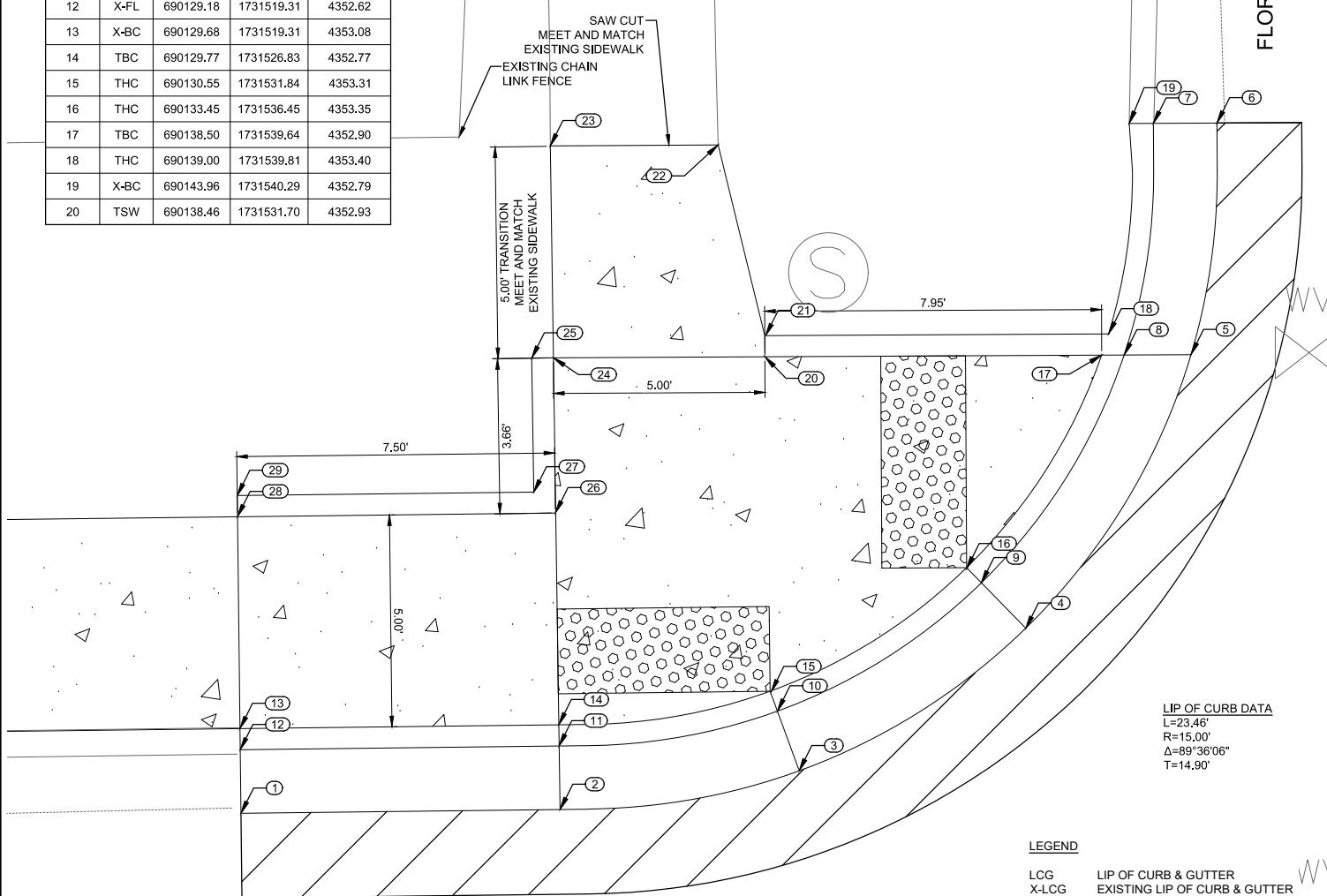
Public Works Bid No.: 2022-004
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.:
GD29.0
 Sheet 85 of 91
 19-C-NR-I-01-G-18

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690127.68	1731519.33	4352.68
2	LCG	690127.77	1731526.86	4352.75
3	LCG	690128.69	1731532.50	4352.79
4	LCG	690132.05	1731537.85	4352.83
5	LCG	690138.51	1731541.75	4352.87
6	X-LCG	690143.98	1731542.36	4352.89
7	X-FL	690143.97	1731540.86	4352.89
8	FL	690138.50	1731540.17	4352.90
9	FL	690133.12	1731536.80	4352.85
10	FL	690130.10	1731531.99	4352.81
11	FL	690129.27	1731526.84	4352.77
12	X-FL	690129.18	1731519.31	4352.62
13	X-BC	690129.68	1731519.31	4353.08
14	TBC	690129.77	1731526.83	4352.77
15	THC	690130.55	1731531.84	4353.31
16	THC	690133.45	1731536.45	4353.35
17	TBC	690138.50	1731539.64	4352.90
18	THC	690139.00	1731539.81	4353.40
19	X-BC	690143.96	1731540.29	4352.79
20	TSW	690138.46	1731531.70	4352.93

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
21	THC	690138.96	1731531.71	4353.43
22	X-EC	690143.46	1731530.59	4353.00
23	X-EC	690143.44	1731526.63	4353.01
24	BS	690138.43	1731526.71	4352.95
25	THC	690138.43	1731526.19	4353.45
26	BS	690134.77	1731526.75	4352.87
27	THC	690135.27	1731526.24	4353.37
28	BS	690134.68	1731519.25	4353.15
29	THC	690135.18	1731519.24	4353.15

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
30	LCG	690474.91	1729630.83	4335.41
31	LCG	690474.96	1729636.76	4335.46
32	X-LCG	690475.00	1729641.17	4335.50
33	X-FL	690476.89	1729641.17	4335.48
34	FL	690476.87	1729636.75	4335.43
35	FL	690476.79	1729630.80	4335.38
36	TBC	690477.29	1729630.79	4335.38
37	TBC	690477.37	1729636.74	4335.43
38	THC	690477.37	1729637.24	4335.93
39	X-BC	690477.43	1729640.67	4335.82
40	THC	690483.37	1729637.19	4336.02
41	TSW	690483.37	1729636.69	4335.46
42	BS	690483.29	1729630.70	4335.49
43	THC	690490.87	1729637.14	4335.97
44	TSW	690490.87	1729636.64	4335.97
45	BS	690490.79	1729630.64	4336.02
46	X-EC	690495.79	1729630.66	4336.02
47	X-EC	690495.87	1729636.82	4336.00



LIP OF CURB DATA
L=23.46'
R=15.00'
Δ=89°36'06"
T=14.90'

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

1. CONTRACTOR SHALL GRADE AND SMOOTH EXISTING AREA BEHIND NEW RAMP TO PRE-EXISTING CONDITION.
2. DIMENSIONS ARE MEASURED FROM FACE OF CURB OR AS OTHERWISE NOTED.
3. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY ON PLANS. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO 4300.

LEGEND

- LCG LIP OF CURB & GUTTER
- X-LCG EXISTING LIP OF CURB & GUTTER
- FL FLOWLINE
- X-FL EXISTING FLOW LINE
- TC TOP OF CURB
- TBC TOP BACK OF CURB
- X-BC EXISTING BACK OF CURB
- TSW TOP OF SIDEWALK
- BS BACK OF SIDEWALK
- THC TOP OF HEADER CURB (BACK)
- TP TOP OF PAVEMENT
- X-EC EXISTING EDGE OF CONCRETE

NOTE:

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7TH STREET

8TH STREET

**7TH STREET & FLORIDA AVENUE
CURB RAMP NORTHWEST
RAMP #59**

**8TH STREET & NEW YORK AVENUE
CURB RAMP NORTHWEST
RAMP #60**

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

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

REV. No.	DATE	DESCRIPTION	APPROVED

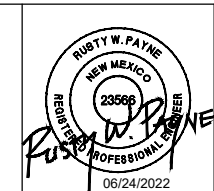
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NMOC
Professional Resources for Damage Prevention
Dial 811 or 1-800-321-2537



ADA Compliant Sidewalk Improvements

RAMP DETAILS

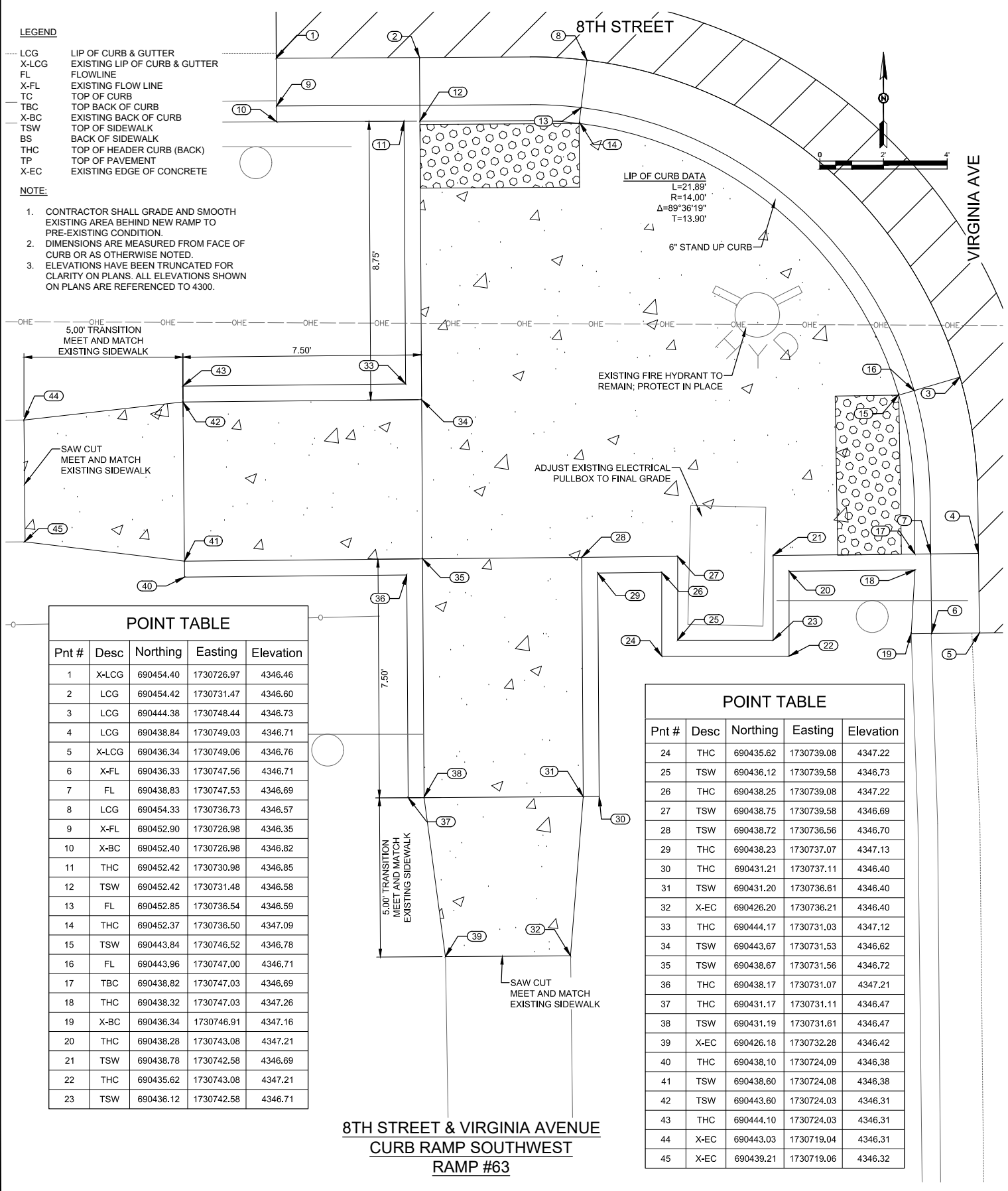
CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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Suite 200A
Las Cruces, NM 89001
Phone: 575-523-2395
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Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale:	
HORIZ. BAR SCALE	
INCLUDE VERT SCALE ON P&P	

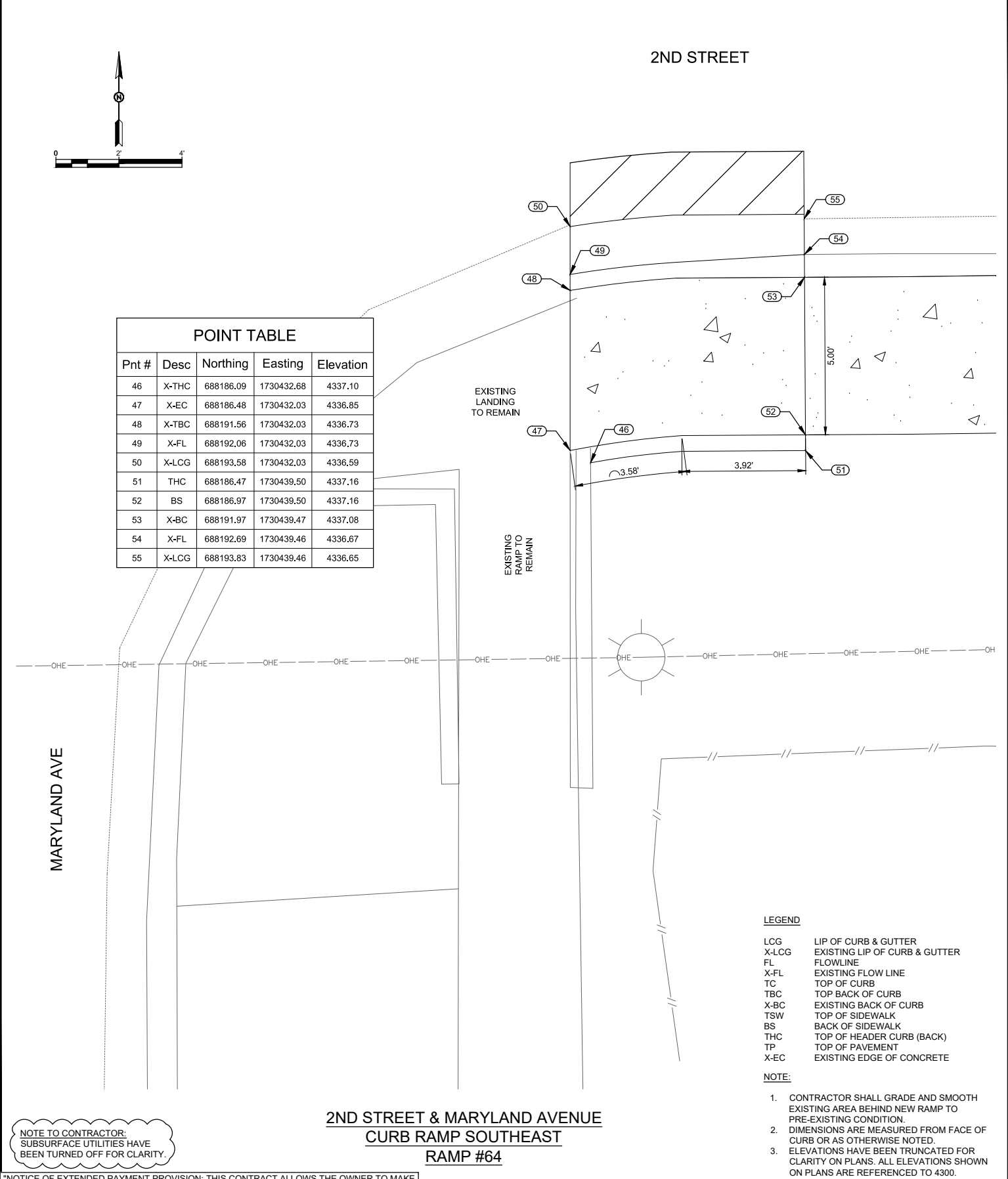
GD30.0
Sheet 86 of 91
19-C-NR-I-01-G-18



- LEGEND**
- LCG LIP OF CURB & GUTTER
 - - - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
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POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690454.40	1730726.97	4346.46
2	LCG	690454.42	1730731.47	4346.60
3	LCG	690444.38	1730748.44	4346.73
4	LCG	690438.84	1730749.03	4346.71
5	X-LCG	690436.34	1730749.06	4346.76
6	X-FL	690436.33	1730747.56	4346.71
7	FL	690438.83	1730747.53	4346.69
8	LCG	690454.33	1730736.73	4346.57
9	X-FL	690452.90	1730726.98	4346.35
10	X-BC	690452.40	1730726.98	4346.82
11	THC	690452.42	1730730.98	4346.85
12	TSW	690452.42	1730731.48	4346.58
13	FL	690452.85	1730736.54	4346.59
14	THC	690452.37	1730736.50	4347.09
15	TSW	690443.84	1730746.52	4346.78
16	FL	690443.96	1730747.00	4346.71
17	TBC	690438.82	1730747.03	4346.69
18	THC	690438.32	1730747.03	4347.26
19	X-BC	690436.34	1730746.91	4347.16
20	THC	690438.28	1730743.08	4347.21
21	TSW	690438.78	1730742.58	4346.69
22	THC	690435.62	1730743.08	4347.21
23	TSW	690436.12	1730742.58	4346.71

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
24	THC	690435.62	1730739.08	4347.22
25	TSW	690436.12	1730739.58	4346.73
26	THC	690438.25	1730739.08	4347.22
27	TSW	690438.75	1730739.58	4346.69
28	TSW	690438.72	1730736.56	4346.70
29	THC	690438.23	1730737.07	4347.13
30	THC	690431.21	1730737.11	4346.40
31	TSW	690431.20	1730736.61	4346.40
32	X-EC	690426.20	1730736.21	4346.40
33	THC	690444.17	1730731.03	4347.12
34	TSW	690443.67	1730731.53	4346.62
35	TSW	690438.67	1730731.56	4346.72
36	THC	690438.17	1730731.07	4347.21
37	THC	690431.17	1730731.11	4346.47
38	TSW	690431.19	1730731.61	4346.47
39	X-EC	690426.18	1730732.28	4346.42
40	THC	690438.10	1730724.09	4346.38
41	TSW	690438.60	1730724.08	4346.38
42	TSW	690443.60	1730724.03	4346.31
43	THC	690444.10	1730724.03	4346.31
44	X-EC	690443.03	1730719.04	4346.31
45	X-EC	690439.21	1730719.06	4346.32



POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
46	X-THC	688186.09	1730432.68	4337.10
47	X-EC	688186.48	1730432.03	4336.85
48	X-TBC	688191.56	1730432.03	4336.73
49	X-FL	688192.06	1730432.03	4336.73
50	X-LCG	688193.58	1730432.03	4336.59
51	THC	688186.47	1730439.50	4337.16
52	BS	688186.97	1730439.50	4337.16
53	X-BC	688191.97	1730439.47	4337.08
54	X-FL	688192.69	1730439.46	4336.67
55	X-LCG	688193.83	1730439.46	4336.65

**8TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHWEST
RAMP #63**

**2ND STREET & MARYLAND AVENUE
CURB RAMP SOUTHEAST
RAMP #64**

NOTE TO CONTRACTOR:
SUBSURFACE UTILITIES HAVE
BEEN TURNED OFF FOR CLARITY.

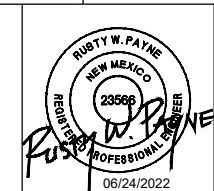
- LEGEND**
- LCG LIP OF CURB & GUTTER
 - - - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOW LINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE
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 Professional Resources for Damage Prevention

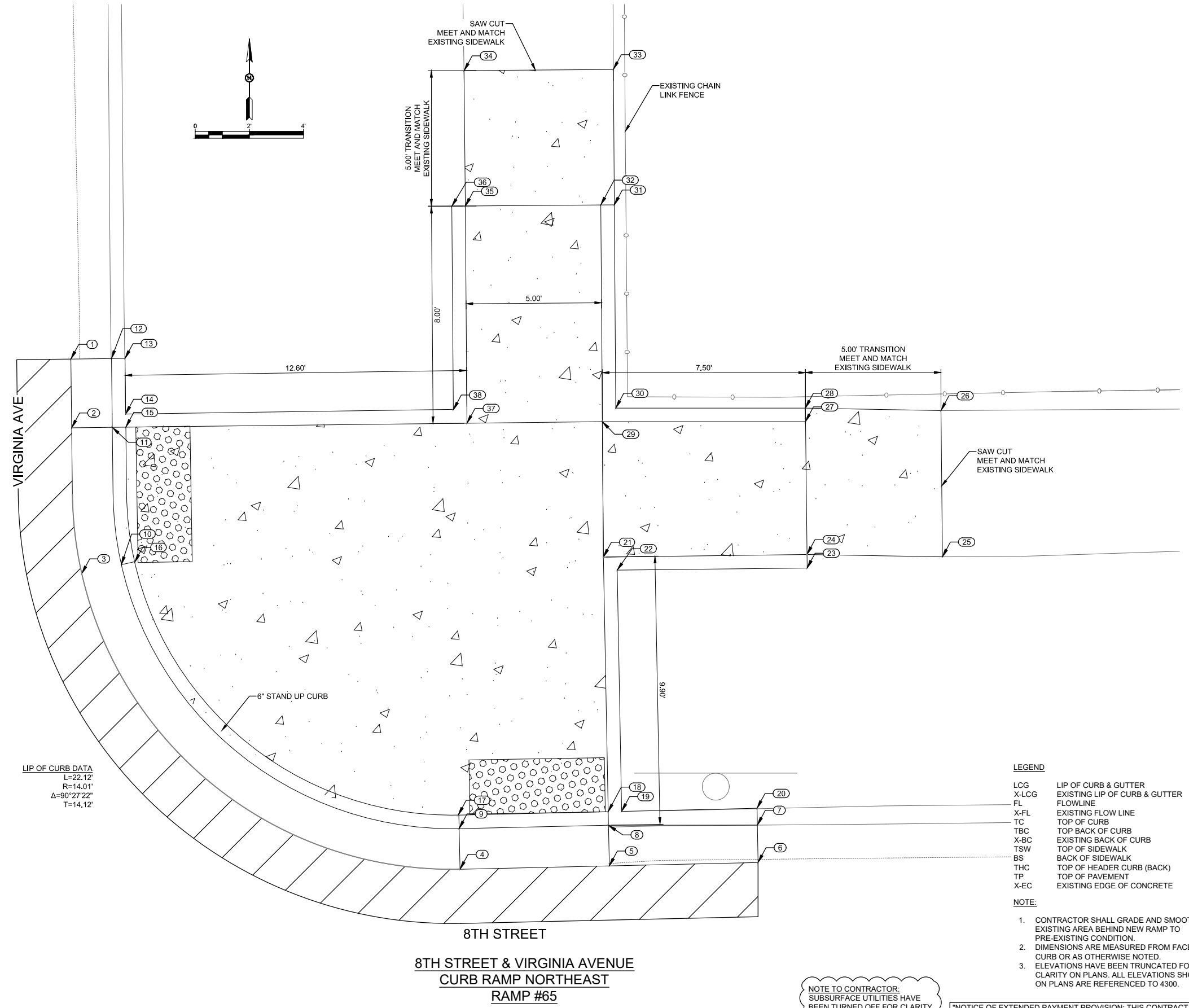


ADA Compliant Sidewalk Improvements
RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-004	Sheet No.: GD32.0
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE	Sheet 88 of 91
INCLUDE VERT SCALE ON P&P	19-C-NR-I-01-G-18

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690498.20	1730787.39	4347.10
2	LCG	690495.67	1730787.42	4347.19
3	LCG	690490.28	1730787.79	4347.23
4	LCG	690479.37	1730801.75	4347.49
5	LCG	690479.50	1730807.27	4347.49
6	X-LCG	690479.62	1730812.76	4347.61
7	X-FL	690481.00	1730812.73	4347.58
8	FL	690481.00	1730807.23	4347.47
9	FL	690480.87	1730801.72	4347.46
10	FL	690490.62	1730789.25	4347.21
11	FL	690495.68	1730788.91	4347.17
12	X-FL	690498.22	1730788.89	4347.08
13	X-BC	690498.23	1730789.39	4347.43
14	THC	690496.17	1730789.41	4347.66
15	TBC	690495.69	1730789.41	4347.17
16	THC	690490.71	1730789.74	4347.70
17	THC	690481.37	1730801.69	4347.96
18	TBC	690481.50	1730807.22	4347.47
19	THC	690481.51	1730807.72	4347.96
20	X-BC	690481.62	1730812.72	4348.06
21	TSW	690490.89	1730807.05	4347.47
22	THC	690490.41	1730807.55	4347.96
23	THC	690490.49	1730814.57	4347.88
24	TSW	690490.99	1730814.56	4347.88
25	X-EC	690490.90	1730819.56	4347.88
26	X-EC	690496.30	1730819.51	4348.10
27	BS	690495.89	1730814.51	4347.95
28	THC	690496.39	1730814.50	4347.95
29	BS	690495.89	1730807.01	4347.48
30	THC	690496.39	1730807.50	4347.98
31	THC	690503.90	1730807.45	4347.89
32	BS	690503.89	1730806.95	4347.89
33	X-EC	690508.89	1730807.41	4347.90
34	X-EC	690508.85	1730801.91	4347.82
35	BS	690503.85	1730801.95	4347.82
36	THC	690503.85	1730801.45	4347.82
37	TSW	690495.84	1730802.01	4347.39
38	THC	690496.33	1730801.51	4347.89



LIP OF CURB DATA
 L=22.12'
 R=14.01'
 $\Delta=90^{\circ}27'22''$
 T=14.12'

- LEGEND**
- LCG LIP OF CURB & GUTTER
 - X-LCG EXISTING LIP OF CURB & GUTTER
 - FL FLOWLINE
 - X-FL EXISTING FLOWLINE
 - TC TOP OF CURB
 - TBC TOP BACK OF CURB
 - X-BC EXISTING BACK OF CURB
 - TSW TOP OF SIDEWALK
 - BS BACK OF SIDEWALK
 - THC TOP OF HEADER CURB (BACK)
 - TP TOP OF PAVEMENT
 - X-EC EXISTING EDGE OF CONCRETE

- NOTE:**
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REV. No.	DATE	DESCRIPTION	APPROVED

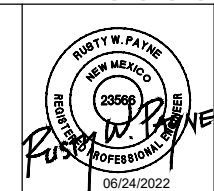
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ADA Compliant Sidewalk Improvements

RAMP DETAILS

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 Las Cruces, NM 89001
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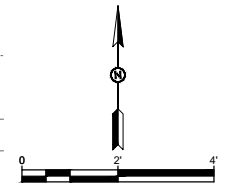
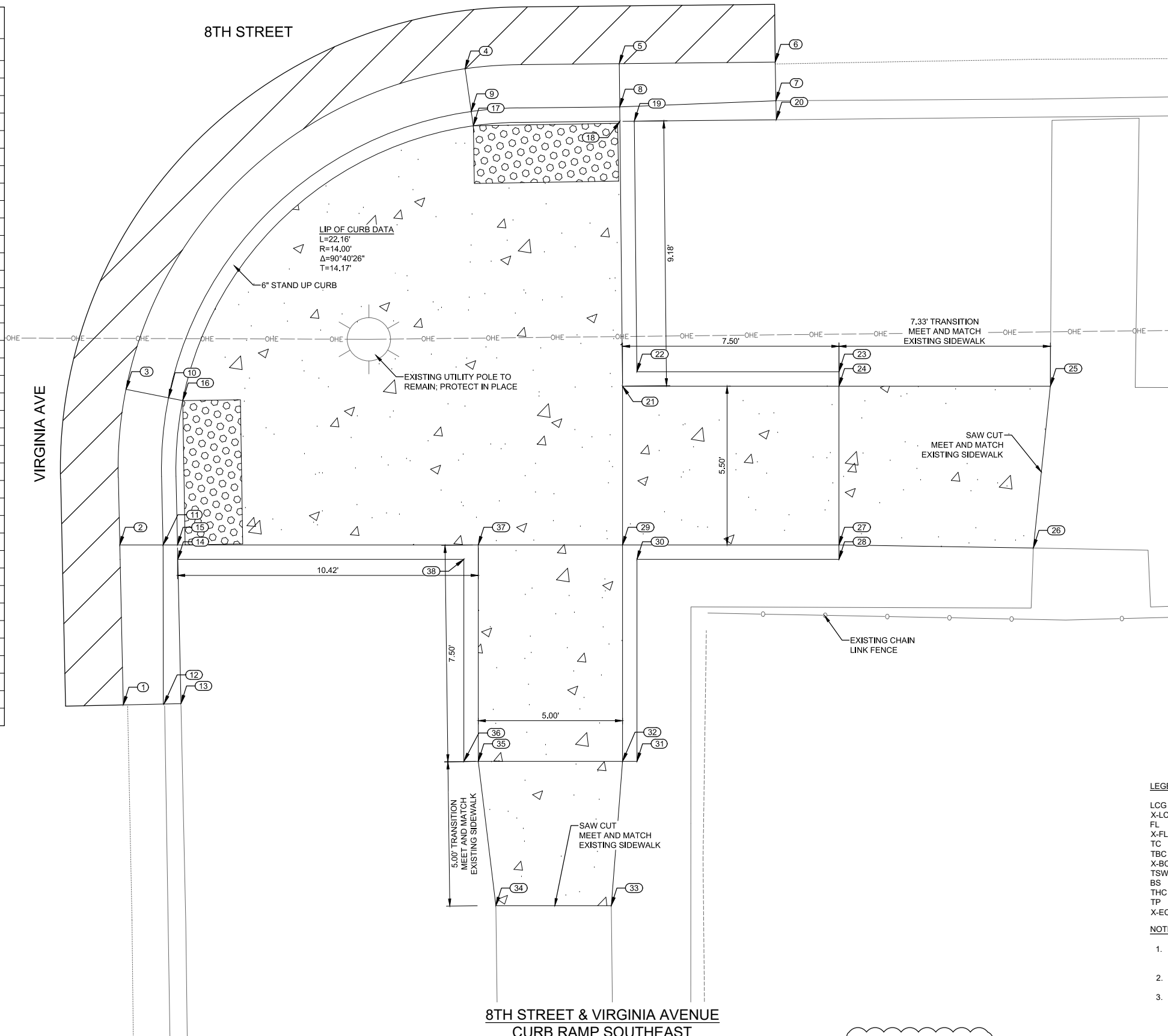
Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale:	
HORIZ. BAR SCALE	
INCLUDE VERT SCALE ON P&P	

GD33.0

Sheet 89 of 91

19-C-NR-I-01-G-18

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690433.16	1730790.10	4346.88
2	LCG	690438.70	1730789.98	4347.06
3	LCG	690444.09	1730790.20	4347.16
4	LCG	690455.20	1730801.95	4347.49
5	LCG	690455.38	1730807.29	4347.55
6	X-LCG	690455.43	1730812.69	4347.60
7	X-FL	690454.09	1730812.72	4347.60
8	FL	690453.88	1730807.30	4347.53
9	FL	690453.72	1730802.16	4347.47
10	FL	690443.80	1730791.67	4347.14
11	FL	690438.70	1730791.48	4347.04
12	X-FL	690433.19	1730791.51	4346.81
13	X-BC	690433.20	1730792.10	4347.32
14	THC	690438.20	1730791.99	4347.53
15	TBC	690438.70	1730791.98	4347.04
16	THC	690443.70	1730792.16	4347.14
17	THC	690453.22	1730802.23	4347.47
18	TBC	690453.38	1730807.31	4347.53
19	THC	690453.38	1730807.81	4348.02
20	X-BC	690453.43	1730812.73	4347.98
21	TSW	690444.20	1730807.40	4347.43
22	THC	690444.70	1730807.90	4347.92
23	THC	690444.70	1730814.90	4347.63
24	TSW	690444.20	1730814.90	4347.63
25	X-EC	690444.20	1730822.23	4347.63
26	X-EC	690438.60	1730821.64	4347.67
27	BS	690438.70	1730814.90	4347.71
28	THC	690438.20	1730814.90	4347.71
29	BS	690438.70	1730807.40	4347.35
30	THC	690438.20	1730807.90	4347.92
31	THC	690431.20	1730807.90	4347.50
32	BS	690431.20	1730807.40	4347.50
33	X-EC	690426.20	1730807.01	4347.57
34	X-EC	690426.20	1730803.01	4347.42
35	TSW	690431.20	1730802.40	4347.42
36	THC	690431.20	1730801.90	4347.42
37	TSW	690438.70	1730802.40	4347.25
38	THC	690438.20	1730801.90	4347.72



LEGEND

LCG	LIP OF CURB & GUTTER
X-LCG	EXISTING LIP OF CURB & GUTTER
FL	FLOWLINE
X-FL	EXISTING FLOW LINE
TC	TOP OF CURB
TBC	TOP BACK OF CURB
X-BC	EXISTING BACK OF CURB
TSW	TOP OF SIDEWALK
BS	BACK OF SIDEWALK
THC	TOP OF HEADER CURB (BACK)
TP	TOP OF PAVEMENT
X-EC	EXISTING EDGE OF CONCRETE

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**8TH STREET & VIRGINIA AVENUE
CURB RAMP SOUTHEAST
RAMP #66**

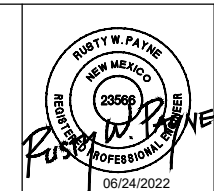
REV. No.	DATE	DESCRIPTION	APPROVED

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ADA Compliant Sidewalk Improvements

RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



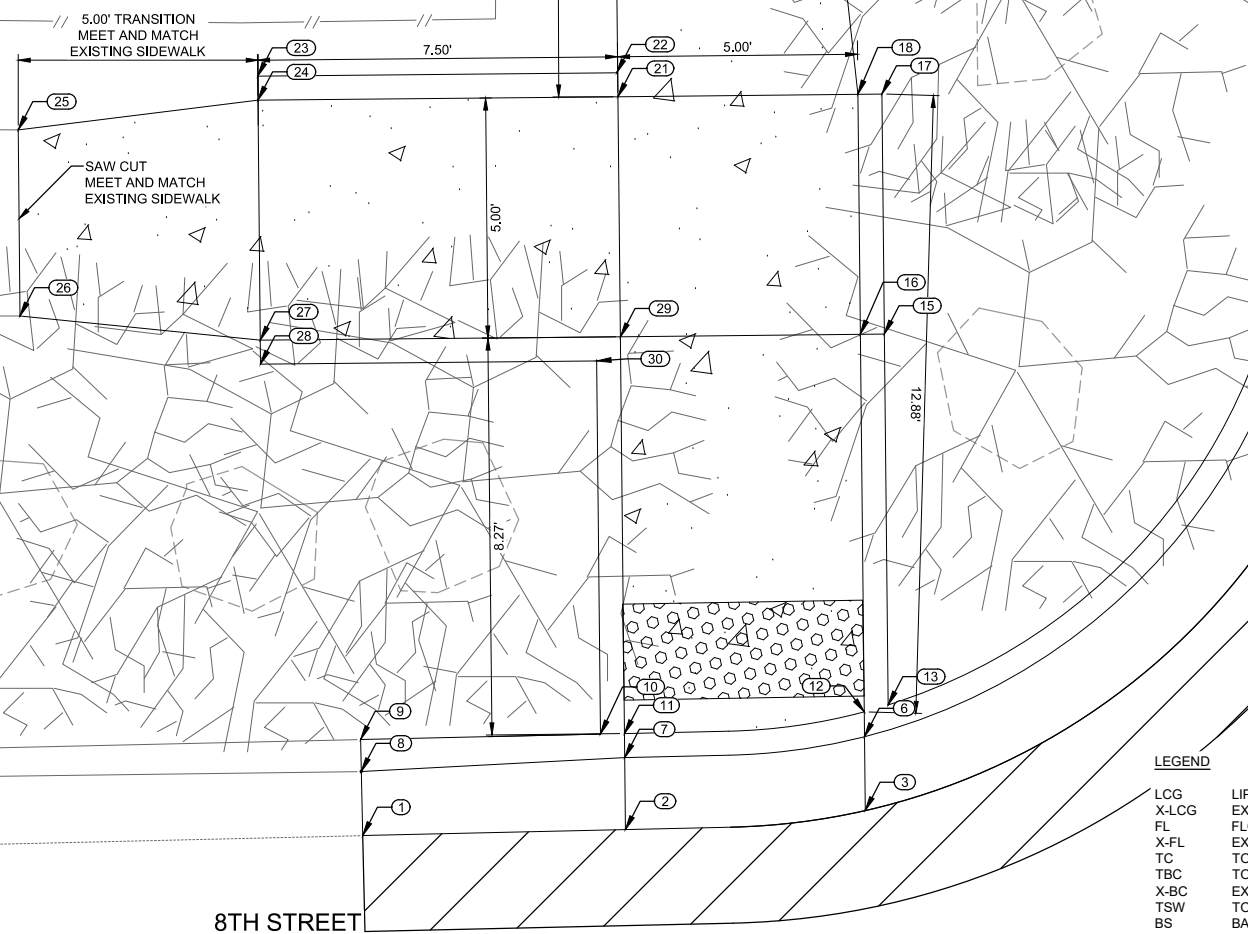
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Public Works Bid No.:	2022-004		
Drawn By:	SMITH	Designed By:	SMITH
Checked By:	SMITH	Approved By:	COA
Scale:	HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P		

Sheet No.:	GD34.0
Sheet 90 of 91	19-C-NR-I-01-G-18

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
1	X-LCG	690487.65	1731516.93	4354.00
2	LCG	690487.78	1731522.41	4354.03
3	LCG	690488.17	1731527.40	4354.09
4	X-LCG	690506.92	1731538.59	4354.35
5	X-FL	690506.91	1731536.90	4354.29
6	FL	690489.71	1731527.39	4354.09
7	FL	690489.28	1731522.39	4354.01
8	X-FL	690488.98	1731516.90	4354.02
9	X-BC	690489.65	1731516.89	4354.48
10	THC	690489.76	1731521.89	4354.50
11	TBC	690489.78	1731522.39	4354.05
12	TBC	690490.23	1731527.38	4354.10
13	THC	690490.37	1731527.88	4354.56
14	X-BC	690506.90	1731536.27	4354.76
15	THC	690498.10	1731527.80	4354.71
16	TSW	690498.09	1731527.30	4354.22
17	THC	690503.10	1731527.75	4354.79
18	TSW	690503.09	1731527.25	4354.29

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
19	X-EC	690515.58	1731525.87	4354.00
20	X-EC	690515.54	1731522.14	4353.99
21	BS	690503.04	1731522.25	4354.23
22	THC	690503.54	1731522.22	4354.72
23	THC	690503.47	1731514.74	4353.78
24	BS	690502.97	1731514.75	4353.78
25	X-EC	690502.35	1731509.75	4353.83
26	X-EC	690498.47	1731509.79	4353.70
27	TSW	690497.97	1731514.80	4353.73
28	THC	690497.47	1731514.80	4353.73
29	TSW	690498.04	1731522.30	4354.18
30	THC	690497.54	1731521.81	4354.68



8TH STREET & FLORIDA AVENUE
CURB RAMP NORTHWEST

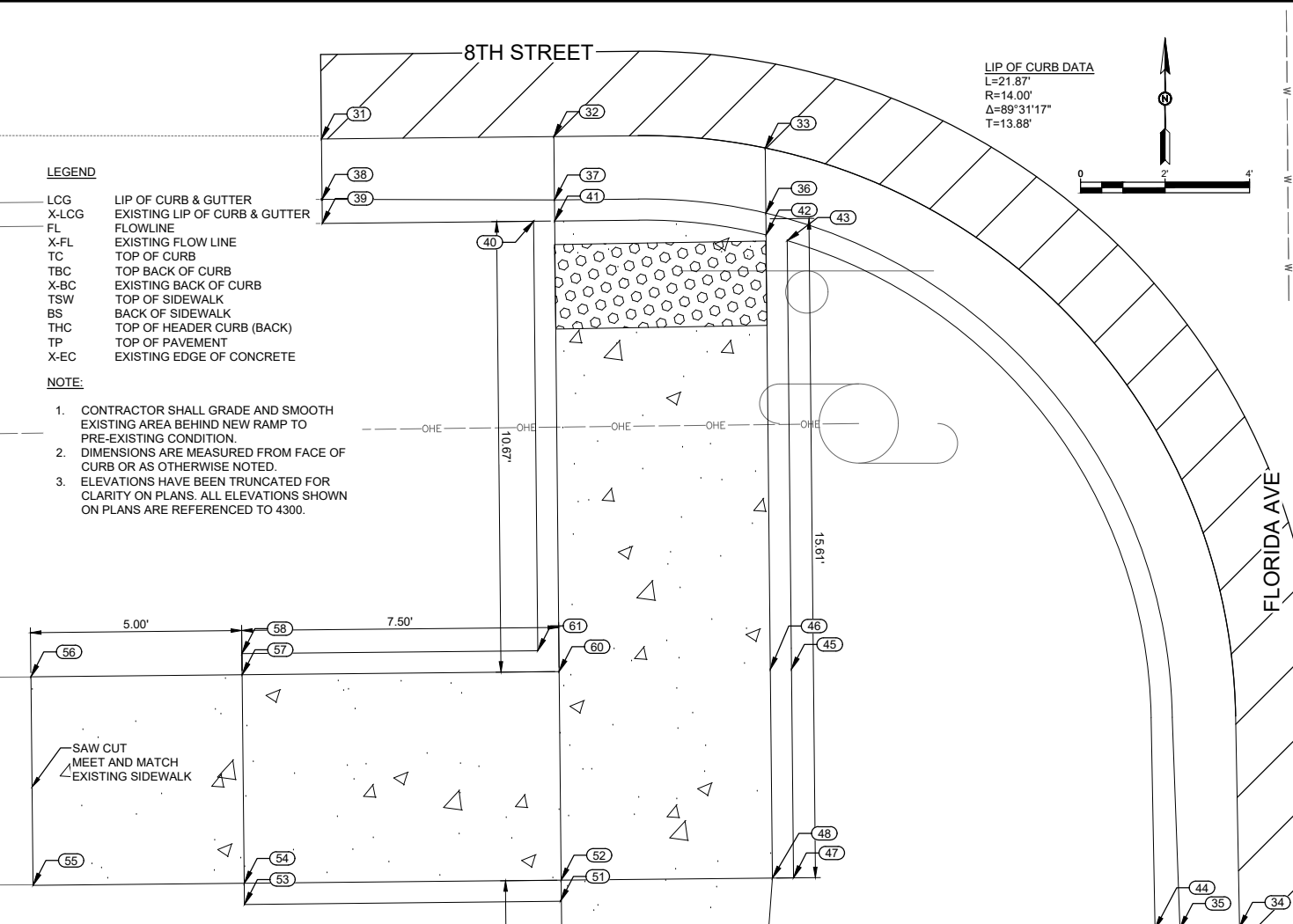
LEGEND

LCG LIP OF CURB & GUTTER
 X-LCG EXISTING LIP OF CURB & GUTTER
 FL FLOWLINE
 X-FL EXISTING FLOW LINE
 TC TOP OF CURB
 TBC TOP BACK OF CURB
 X-BC EXISTING BACK OF CURB
 TSW TOP OF SIDEWALK
 BS BACK OF SIDEWALK
 THC TOP OF HEADER CURB (BACK)
 TP TOP OF PAVEMENT
 X-EC EXISTING EDGE OF CONCRETE

NOTE:

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LIP OF CURB DATA
 L=21.77'
 R=14.00'
 Δ=89°05'11"
 T=13.78'



8TH STREET & FLORIDA AVENUE
CURB RAMP SOUTHWEST

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
31	X-LCG	690463.44	1731517.17	4353.98
32	LCG	690463.50	1731522.67	4354.01
33	LCG	690463.23	1731527.67	4354.04
34	X-LCG	690444.78	1731538.90	4353.92
35	X-FL	690444.75	1731537.49	4354.04
36	FL	690461.69	1731527.69	4354.05
37	FL	690462.00	1731522.69	4353.99
38	X-FL	690462.01	1731517.19	4353.96
39	X-BC	690461.44	1731517.19	4354.39
40	THC	690461.49	1731522.19	4354.48
41	TBC	690461.50	1731522.69	4353.99
42	TBC	690461.17	1731527.69	4354.00
43	THC	690461.03	1731528.20	4354.44
44	X-BC	690444.74	1731536.90	4354.49
45	THC	690450.89	1731528.29	4354.71
46	TSW	690450.88	1731527.79	4354.22
47	THC	690445.95	1731528.34	4354.69
48	TSW	690445.95	1731527.84	4354.20
49	X-EC	690433.44	1731526.92	4353.71
50	X-EC	690433.40	1731522.97	4353.79

POINT TABLE				
Pnt #	Desc	Northing	Easting	Elevation
51	THC	690445.40	1731522.83	4354.50
52	BS	690445.90	1731522.84	4354.17
53	THC	690445.32	1731515.35	4354.31
54	BS	690445.82	1731515.34	4354.31
55	X-EC	690445.77	1731510.34	4354.12
56	X-EC	690450.71	1731510.29	4354.34
57	TSW	690450.76	1731515.29	4354.29
58	THC	690451.26	1731515.29	4354.29
60	TSW	690450.83	1731522.80	4354.15
61	THC	690451.33	1731522.29	4354.62

NOTE TO CONTRACTOR:
 SUBSURFACE UTILITIES HAVE BEEN TURNED OFF FOR CLARITY.

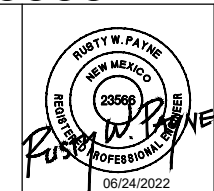
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



ADA Compliant Sidewalk Improvements
 RAMP DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



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 www.smithengineering.pro

Public Works Bid No.: 2022-004	Sheet No.:
Drawn By: SMITH	Designed By: SMITH
Checked By: SMITH	Approved By: COA
Scale: HORIZ. BAR SCALE	INCLUDE VERT SCALE ON P&P

Sheet No. **GD35.0**
 Sheet 91 of 91
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