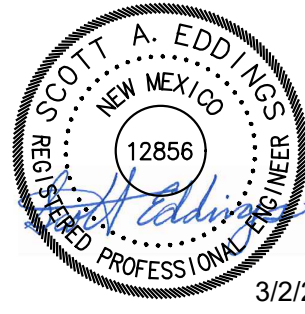
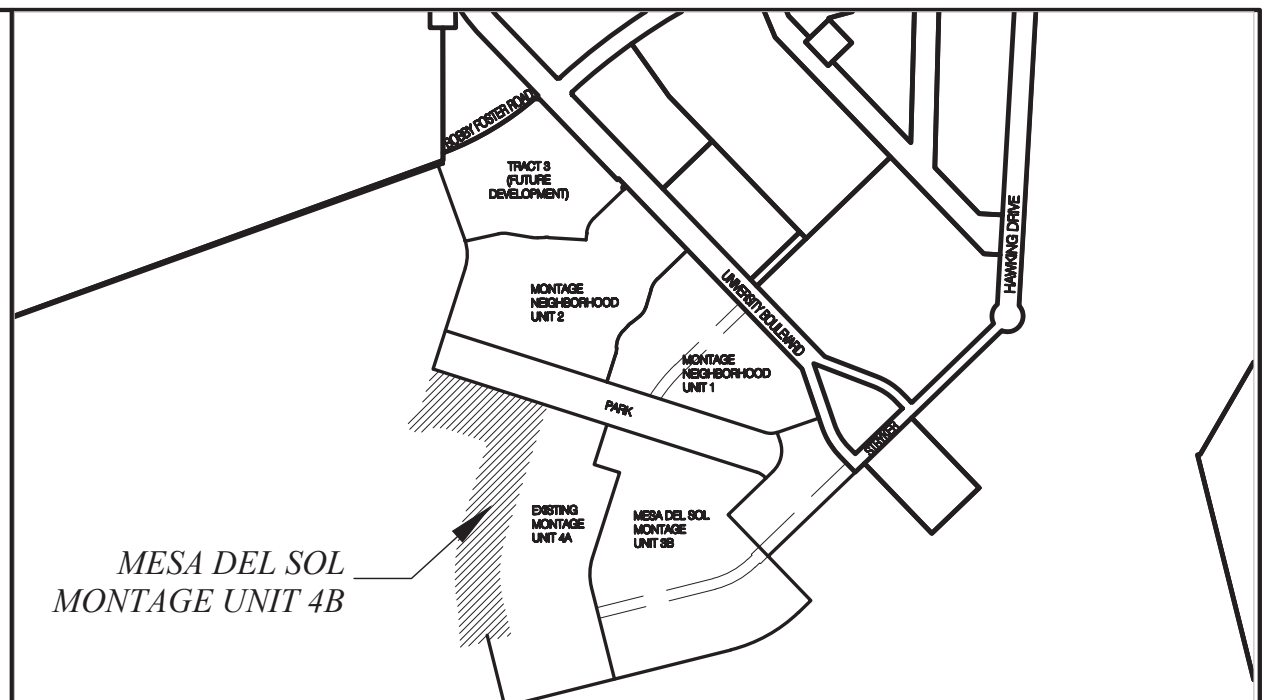


CONSTRUCTION PLANS
FOR
MONTAGE UNIT 4B
ALBUQUERQUE, NEW MEXICO

I, SCOTT A. EDDINGS OF THE FIRM OF HUITT-ZOLLARS, INC., A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY ENGINEER AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED ON THE RECORD DRAWINGS. THIS CERTIFICATION IS BASED ON THE INSPECTIONS CONDUCTED AND AS-BUILT SURVEY PERFORMED BY CARTESIAN SURVEYS, INC. ON 5/17/22.



APPROVED RECORD DRAWINGS	
City Inspector	Matt Garduno
Contractor	New Concepts, Inc.
Construction Engineer	David Bishop
Date	3/20/2023



VICINITY MAP: N.T.S. ZONE MAP NO.: R-15, 16, S-16

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT, TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK AFFECTING ARTERIAL ROADWAY MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFFS REQUESTS MUST BE MADE ONLINE AT [HTTP://WWW.ABCWUA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEEDURES.ASPX](http://www.abcwua.org/WATER_SHUT_OFF_AND_TURN_ON_PROCEEDURES.ASPX)

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

INDEX

SHEET NUMBER DESCRIPTION

- | | |
|---------|---|
| 1 | COVER SHEET |
| 2 | GENERAL NOTES |
| 3 | PRELIMINARY PLAT |
| 4A -4G | GRADING PLAN |
| 5 | OVERALL PAVING PLAN |
| 6-12 | PAVING PLAN AND PROFILE SHEETS |
| 13-14 | PAVING DETAILS |
| 15 | OVERALL UTILITY PLAN |
| 16-21 | UTILITY PLAN AND PROFILE SHEETS |
| 22-23 | SIGNING AND STRIPING PLAN |
| 24A-24B | STREET LIGHTING PLANS |
| 25 | SCHEMATIC OVERVIEW STREET LIGHTING PLAN |

PAVING PLANS

SHEET NUMBER DESCRIPTION

- | | |
|----|------------------|
| 6 | O'KEEFE AVENUE |
| 7 | SAGAN LOOP |
| 8 | PRIVATE ALLEY 29 |
| 9 | DEKOONING LOOP |
| 10 | HARDIN DRIVE |
| 11 | HARDIN DRIVE |
| 12 | STRYKER ROAD |

UTILITY PLANS

SHEET NUMBER DESCRIPTION

- | | |
|----|----------------|
| 16 | O'KEEFE AVENUE |
| 17 | SAGAN LOOP |
| 18 | DEKOONING LOOP |
| 19 | HARDIN DRIVE |
| 20 | HARDIN DRIVE |
| 21 | STRYKER ROAD |

SURVEYOR'S CERTIFICATION

I, BRIAN J. MARTINEZ, A DULY QUALIFIED, REGISTERED, PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS, INC. IN NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

B. J. Martinez 5/17/22



CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE)
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
- THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
- WHEN ABUTTING NEW CURB & GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

REFERENCE:
WATER AND SANITARY SEWER AVAILABILITY
STATEMENT #200309

RELATED PROJECT: CPN 775464

- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ALL ROADWAY FILLS SHALL BE IN ACCORDANCE WITH COA SPECIFICATION SECTION 204. COMPACTION TEST RESULTS SHALL BE PROVIDED TO THE CITY INSPECTOR PRIOR TO PROJECT CLOSEOUT FOR ALL ROADWAY FILL DEPTHS GREATER THAN TWO FEET.

Bohannon & Huston
www.bhinc.com 800.877.5332

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS' STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>[Signature]</i>	4/13/2021	APPROVED FOR CONSTRUCTION		
		Transportation	<i>[Signature]</i>	3/23/2021			
		Water/Wastewater	<i>[Signature]</i>	4/13/2021	CITY ENGINEER DATE		
		Hydrology	<i>[Signature]</i>	3/26/2021			
		Parks	<i>[Signature]</i>				
DRB CASE NUMBER		CITY PROJECT NO.		SHEET		OF	
PR-2020-003422		775465		1		25	

[illegible]

PRELIMINARY PLAT OF MESA DEL SOL MONTAGE UNIT 4 PHASE 4A AND 4B

A REPLAT OF TRACT A-6-C-1 BULK LAND PLAT
AND TRACT C MESA DEL SOL MONTAGE UNIT 3B
SECTIONS 22 & 27, TOWNSHIP 9 NORTH, RANGE 3

ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 2020

LEGAL DESCRIPTION

CERTAIN TRACTS OF LAND LOCATED WITHIN SECTIONS 22 AND 27, TOWNSHIP 9 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, BEING AND COMPRISING ALL OF TRACT A-6-C-1 BULK LAND PLAT FILED: DECEMBER 31, 2019 IN BOOK 2019C, PAGE 0146 AS DOCUMENT #2019111900 AND TRACT C MESA DEL SOL MONTAGE UNIT 3B FILED: SEPT. 27, 2019, IN BOOK 2019C, PAGE 0089, AS DOCUMENT #2019082707.

GENERAL NOTES

- EXISTING ZONING: PC
PROPOSED DEVELOPMENT: RESIDENTIAL
- GROSS ACREAGE: 34.04 ACRES
PHASE 4A: 22.40 ACRES
PHASE 4B: 11.64 ACRES
TOTAL NUMBER OF LOTS/TRACTS: 189 LOTS; INCLUDING 5 ALLEY TRACTS
PHASE 4A: 127 LOTS
PHASE 4B: 62 LOTS
PROPOSED GROSS DENSITY: 5.55 DU/Ac.
- MINIMUM LOT DIMENSIONS: 40' X 100'
- ALL STREETS AND DRAINAGE IMPROVEMENTS ARE TO BE PUBLIC, TO BE DEDICATED FOR MAINTENANCE TO THE CITY OF ALBUQUERQUE.
- ALLEYS ARE TO BE PRIVATE AND OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION
- 1.64 MILES OF FULL WIDTH STREETS CREATED
PHASE 4A: 1.30 MILES
PHASE 4B: .34 MILES
- LOT SETBACKS SHALL CONFORM TO LEVEL A AND LEVEL B MASTER PLANS.
- ALL OF THE PROPERTY SHOWN ON THIS PLAT MAY BE SUBJECT TO A GRANT OF TELECOMMUNICATIONS EASEMENT AND REAL COVENANT FILED IN THE BERNALILLO COUNTY, NEW MEXICO REAL ESTATE RECORDS.
- ZONE ATLAS NO. R-15, R-16 & S-16
- TRACTS A, B, C, D, E AND F ARE PRIVATE COMMON AREA TRACTS TO BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION.

ADDITIONAL NOTES

- ALL ALLEYS ARE PRIVATE AND WILL HAVE A BLANKET EUE, PRIVATE ACCESS, AND PRIVATE DRAINAGE EASEMENTS
- COVENANTS WILL PROHIBIT PARKING IN ALL ALLEYS

SURVEY NOTES

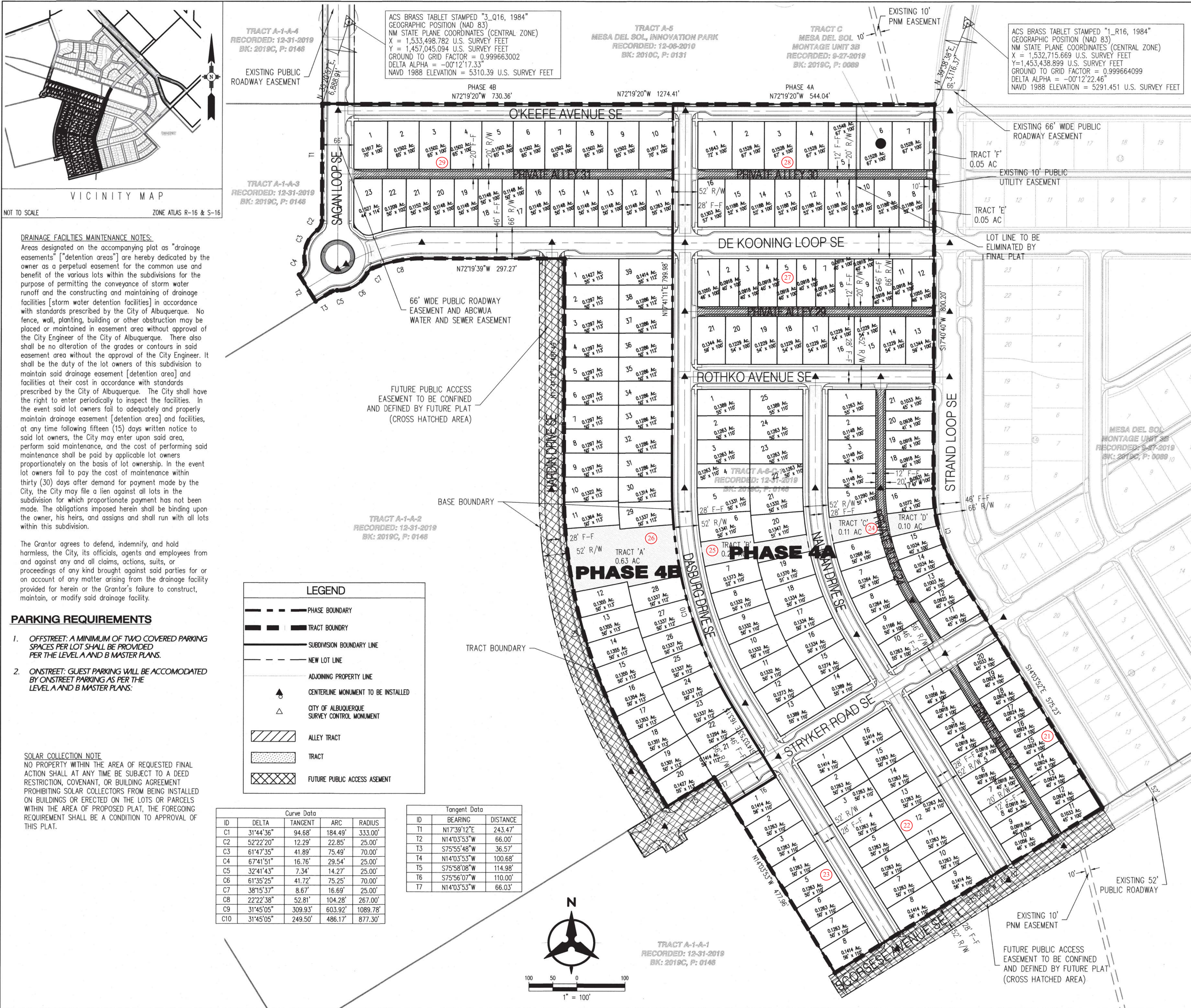
- UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THUS (●) SHALL BE MARKED BY A #5 REBAR STAMPED.
- ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT DESIGNATED CENTERLINE PCS, PTS, ANGLE POINTS AND STREET INTERSECTIONS AND SHOWN THUS (▲) WILL BE MARKED BY A FOUR (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE, CENTERLINE MONUMENTATION, DO NOT DISTURB, P.L.S. 15517".
- THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN NAD83 CENTRAL ZONE.
- BASIS OF BEARINGS WILL BE NEW MEXICO STATE PLANE COORDINATE SYSTEM NAD83 CENTRAL ZONE.
- DISTANCES ARE GROUND DISTANCES U.S. SURVEY FOOT.
- MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS AND ALL OTHER ANGLE POINTS TO ALLOW THE USE OF CENTERLINE MONUMENTATION.

APPROVED

Scott R. Rios 9/24/2020
CITY SURVEYOR DATE

W. M. [Signature] 10/19/2020
Mike Fiebig, Authorized Signatory, DATE
Coronado Mesa 4, LLC
A Limited Liability Company

Approved by
Albuquerque City
September 21, 2021
Bohannon & Huston
www.bhinc.com 800.877.5332



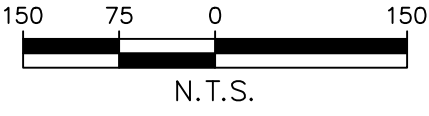
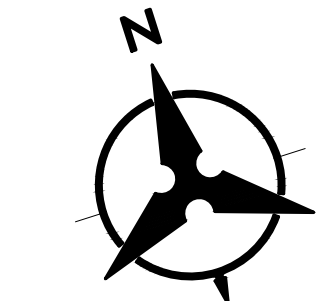
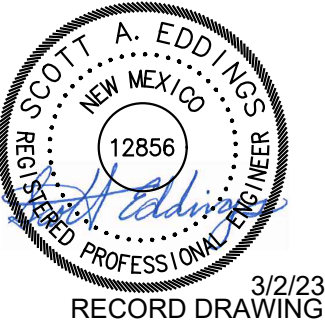


GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.
2. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
5. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
7. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
8. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
9. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
10. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
11. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

GRADING NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
2. CONTRACTOR SHALL OBTAIN AND ABIDE BY A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DIVISION, PRIOR TO CONSTRUCTION. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAYEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SOILS REPORT PREPARED BY NYS DATED DEC. 11, 2018. ALL OTHER WORK, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS (FIRST PRIORITY), AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
4. TWO WORKING DAYS PRIOR TO EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1264) FOR LOCATION OF EXISTING UTILITIES.
5. PRIOR TO GRADING, ALL VEGETATION DEBRIS, AND NEAR SURFACE ORGANICALLY CONTAMINATED SOIL SHALL BE STRIPPED FROM ALL AREAS TO BE GRADED. VEGETATION AND DEBRIS SHALL BE DISPOSED OF OFF-SITE OR STOCK-PILED FOR USE IN PLANTERS AND NON-STRUCTURAL FILLS.
6. EARTH SLOPES SHALL NOT EXCEED 4 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
7. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
8. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
9. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT, AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
10. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATIONS.
11. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT FLOWLINE ELEVATION.

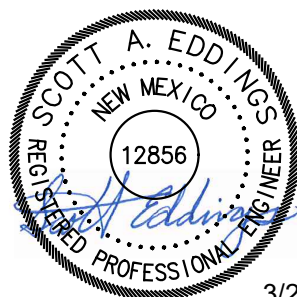


Bohannon & Huston
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

MONTAGE UNIT 4
OVERALL GRADING PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY		1	7
City Project No. PR-2020-003422		Zone Map No. R-15,16,S-16	Sheet 1 Of 7



RECORD DRAWING

REMOVE ASPHALT
TURNAROUND AND EXISTING
CURB & GUTTER

EXISTING 54" RCP CLASS III
WITH RCP END SECTION
INV OUT = 5293.54

ADJUST EXISTING SDMH
EXISTING RIM = 5308.42
PROPOSED RIM = 5304.55

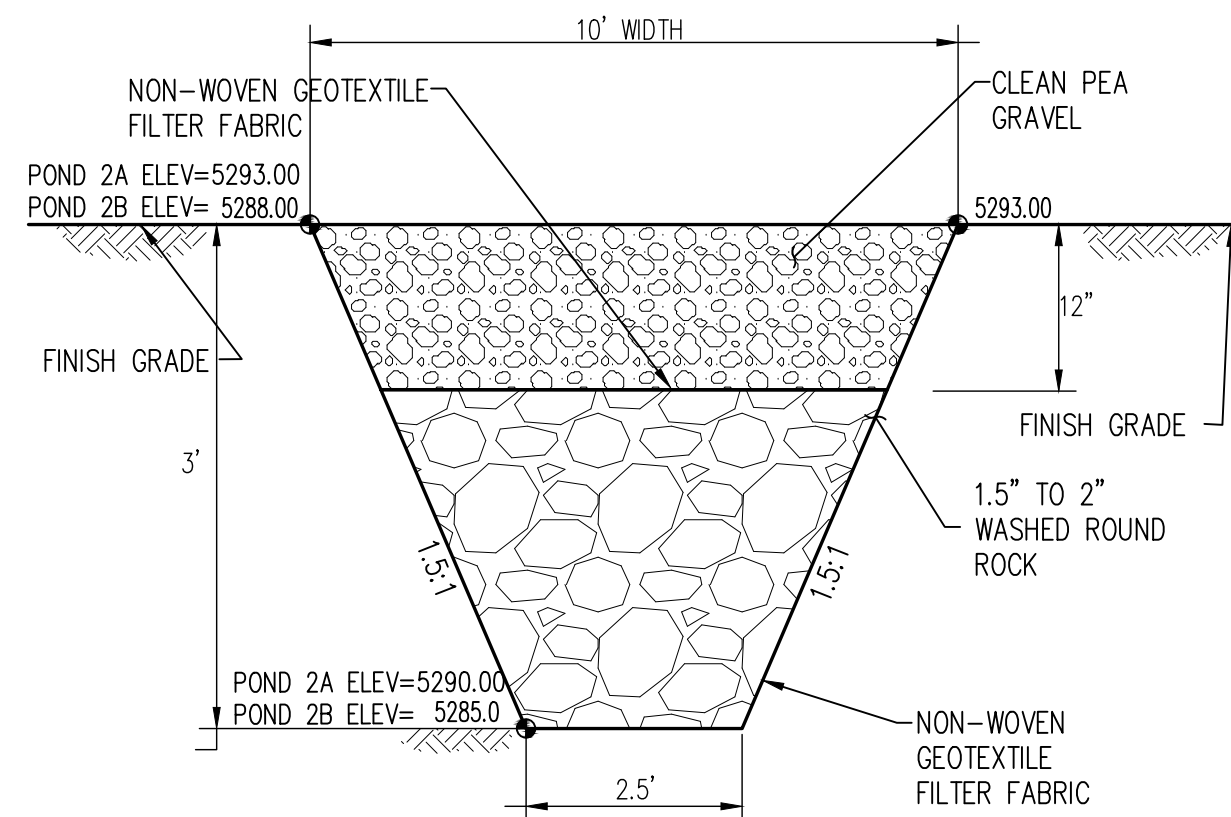
PROPOSED 54" CLASS III
WITH RCP END SECTION
INV OUT = 5293.51

POND 2A MAX WSE = 5300
VOLUME PROVIDED = 9.8 AC-FT

INSTALL RIP-RAP BLANKET PER DETAIL ON
SHEET 6. THIS IS TEMPORARY EROSION
CONTROL MEASURE UNTIL FUTURE PROJECT
INSTALLS FOREBAYS

SEE CROSS SECTION INFILTRATION BASIN
DETAIL X-X, THIS SHEET

PROPOSED 18" CLASS III
WITH RCP END SECTION
INV IN = 5296
INV OUT = 5296



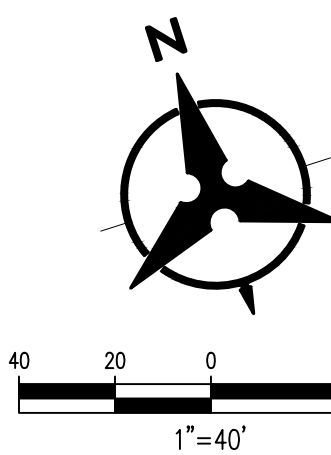
SECTION X-X, INFILTRATION BASIN SECTION (TYP.)
N.T.S.

GENERAL NOTES

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5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.
7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.

LEGEND

- UNIT BOUNDARY
- FUTURE SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED CURB & GUTTER
- EXISTING CONTOUR W/ INDEX ELEVATION
- FLOW ARROW
- PROPOSED RETAINING WALL
- PROPOSED SLOPE
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- LIMITS OF GRADING
- TURN BLOCK AT LOW POINT OF LOT
- WATER BLOCK



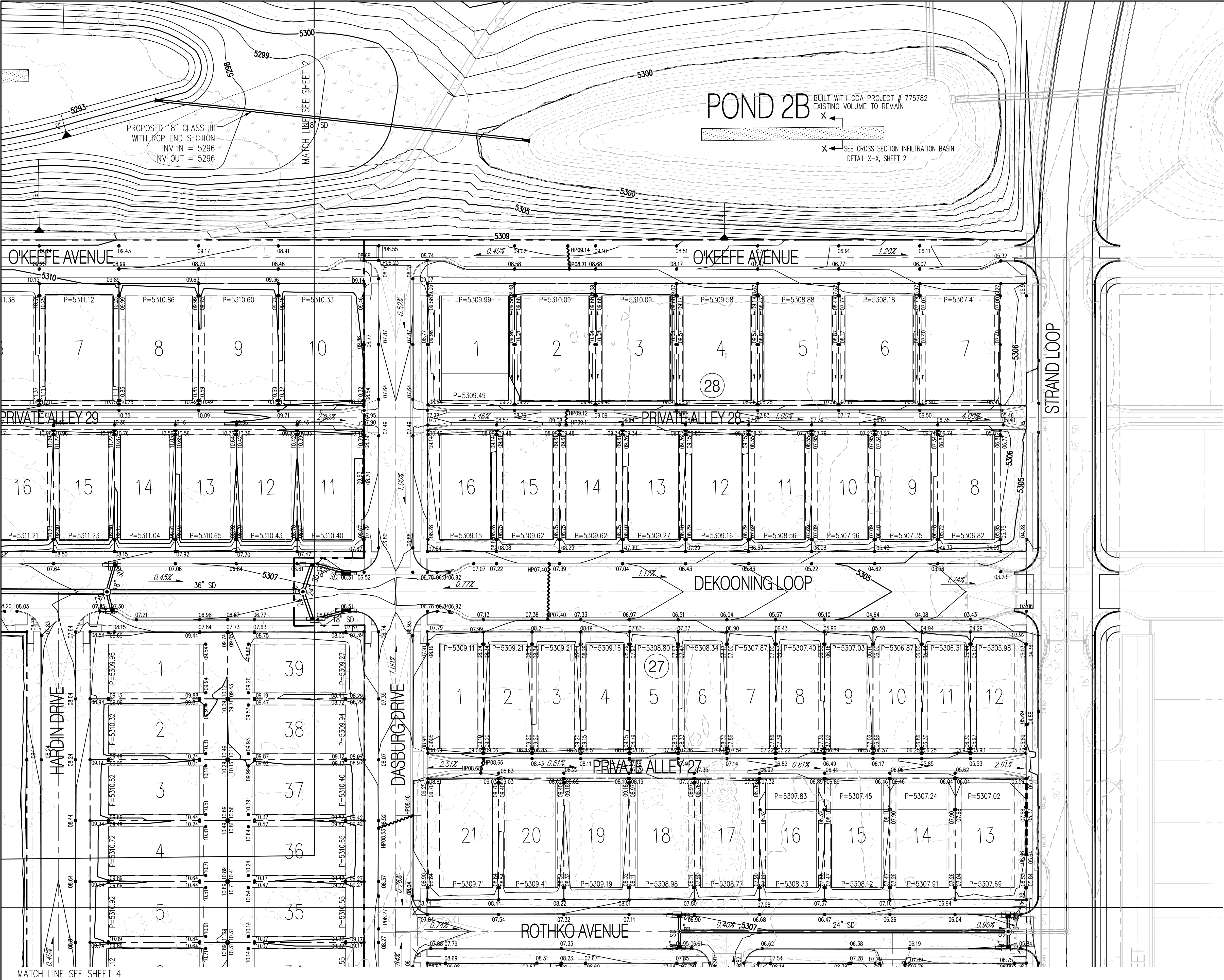
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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

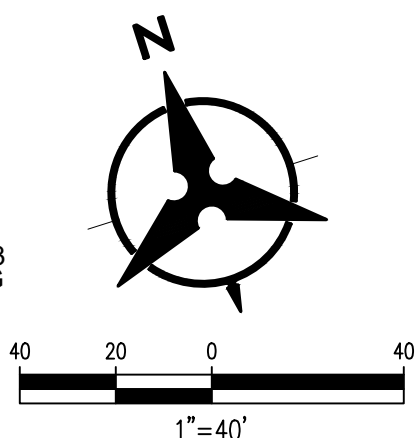
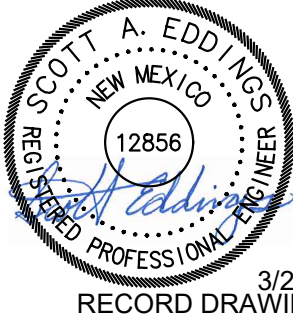
**MONTAGE UNIT 4
GRADING PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY		Update	
City Project No.	Zone Map No.	Sheet	Of
PR-2020-003422	R-15,16,S-16	2	7



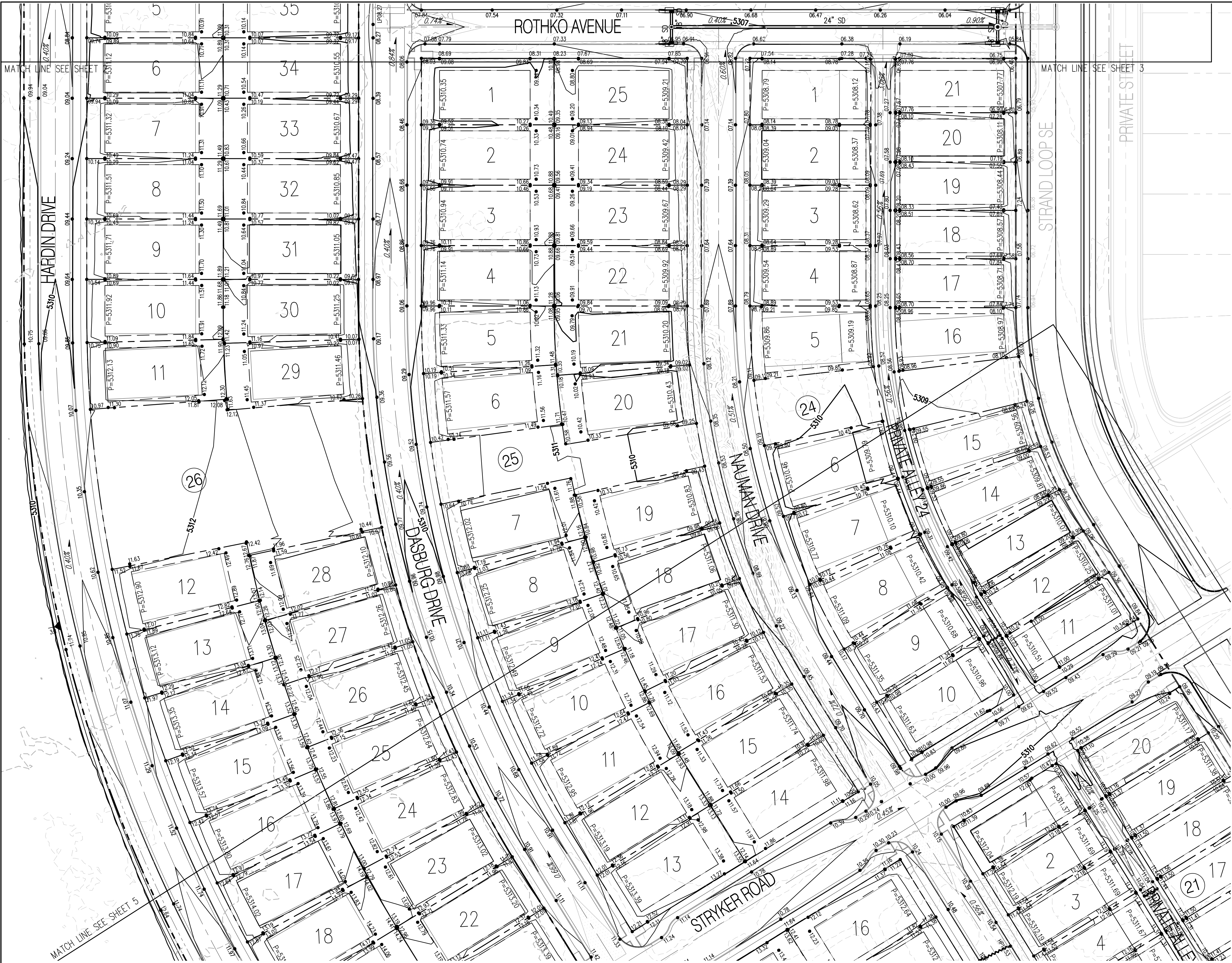
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 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN INLET
 - LIMITS OF GRADING
 - TURN BLOCK AT LOW POINT OF LOT
 - WATER BLOCK



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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
MONTAGE UNIT 4 GRADING PLAN	
Design Review Committee	City Engineer Approval
FOR INFORMATION ONLY Engineer May 21, 2021	
City Project No. PR-2020-003422	Zone Map No. R-15,16,S-16
Sheet 3	Of 7

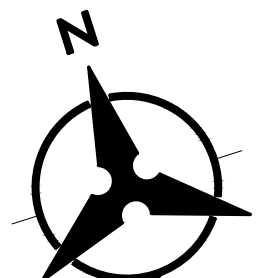
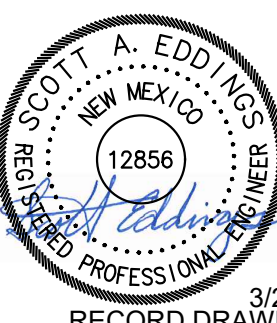


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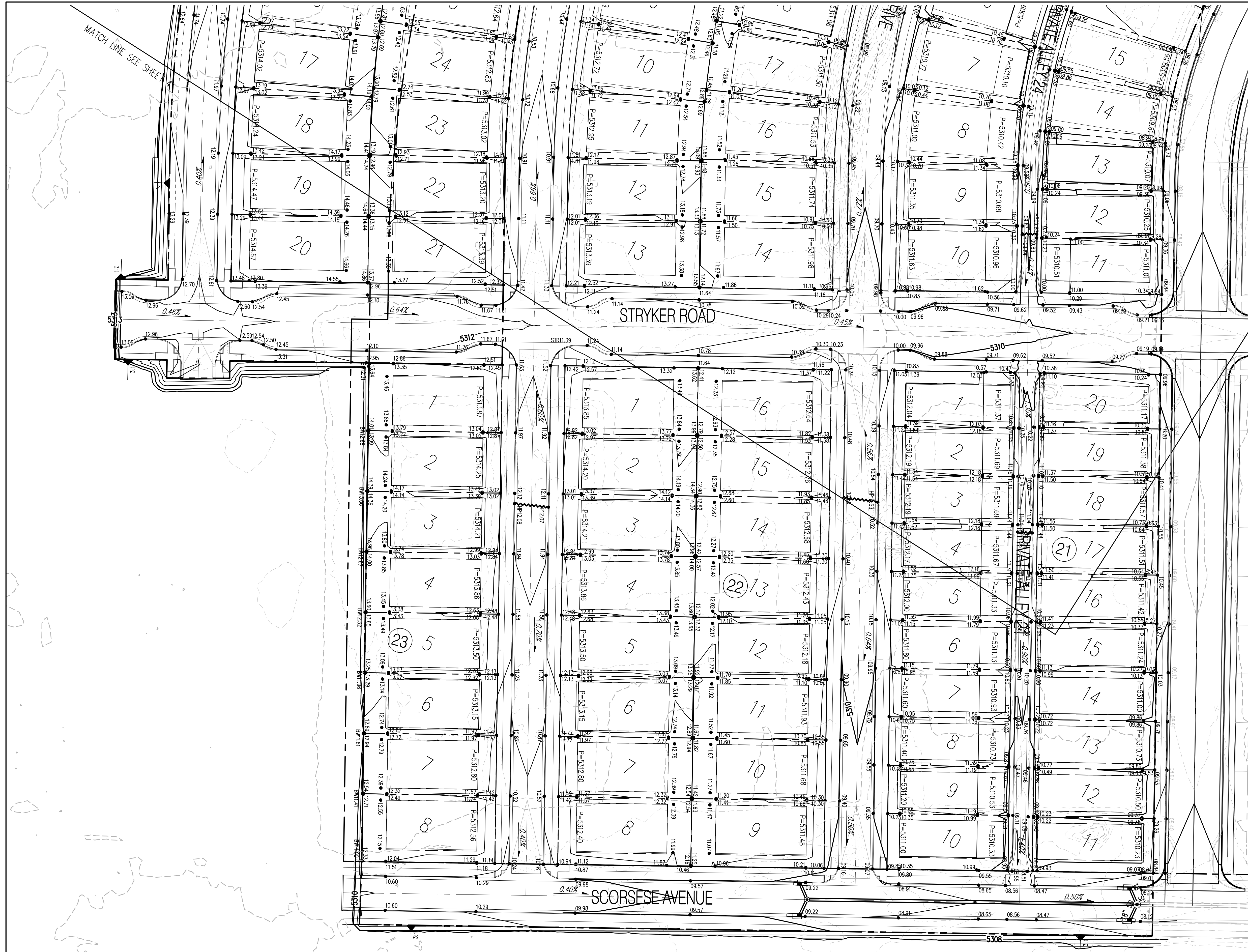


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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

MONTAGE UNIT 4
GRADING PLAN

















Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY	Approved by Engineer May 21, 2021	Sheet	Of
City Project No. PR-2020-003422	Zone Map No. R-15,16,S-16	4	7

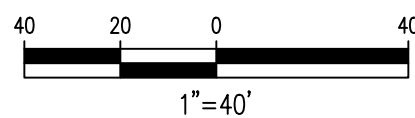
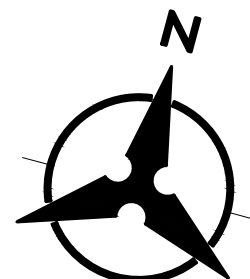


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LEGEND

- | | |
|---|-------------------------------------|
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|  | FUTURE SPOT ELEVATION |
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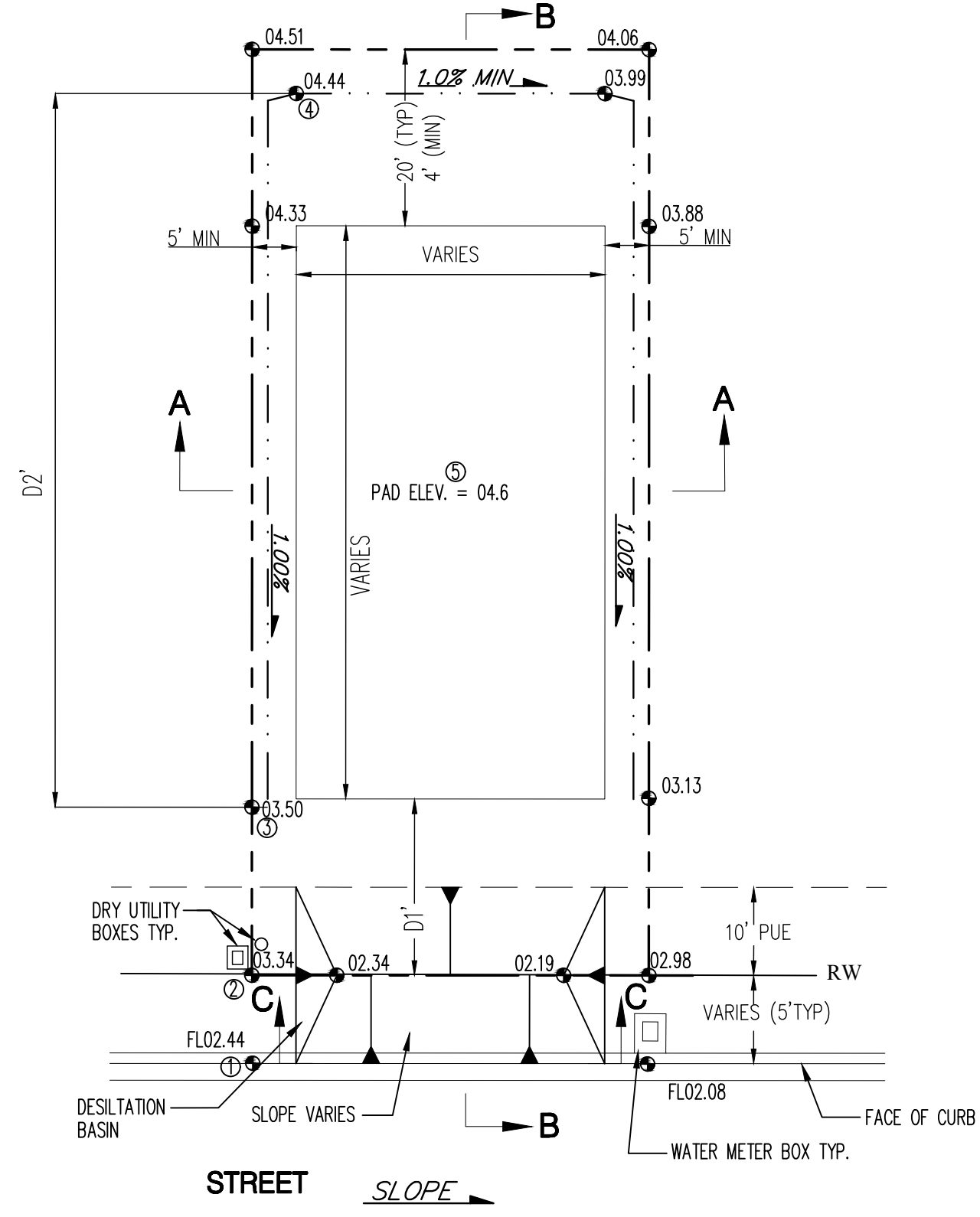
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

MONTAGE UNIT 4

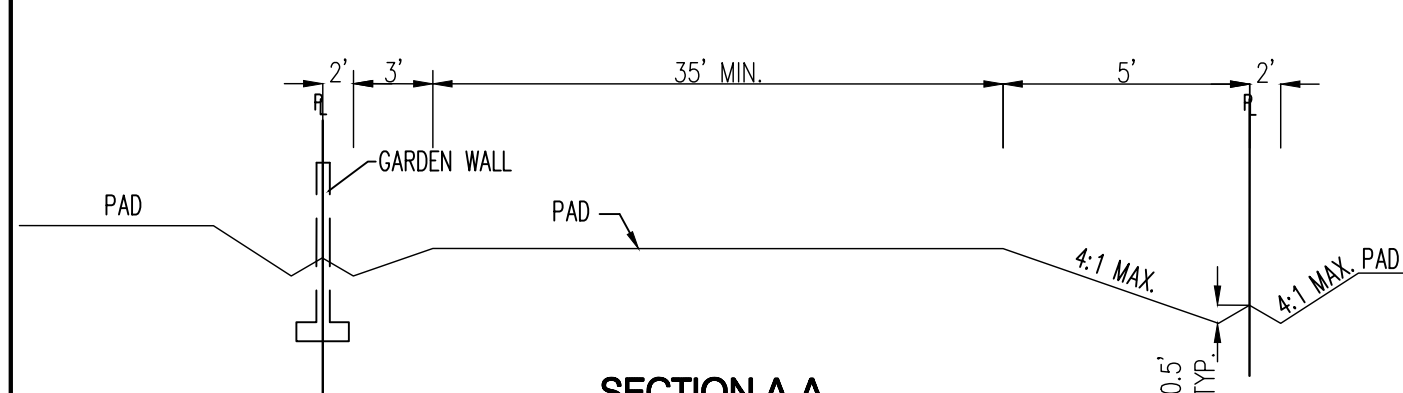
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
Approved by FOR INFORMATION ONLY Engineer May 21, 2021				
City Project No.	Zone Map No.	Sheet	Of	
PR-2020-003422	R-15,16,S-16	5	7	



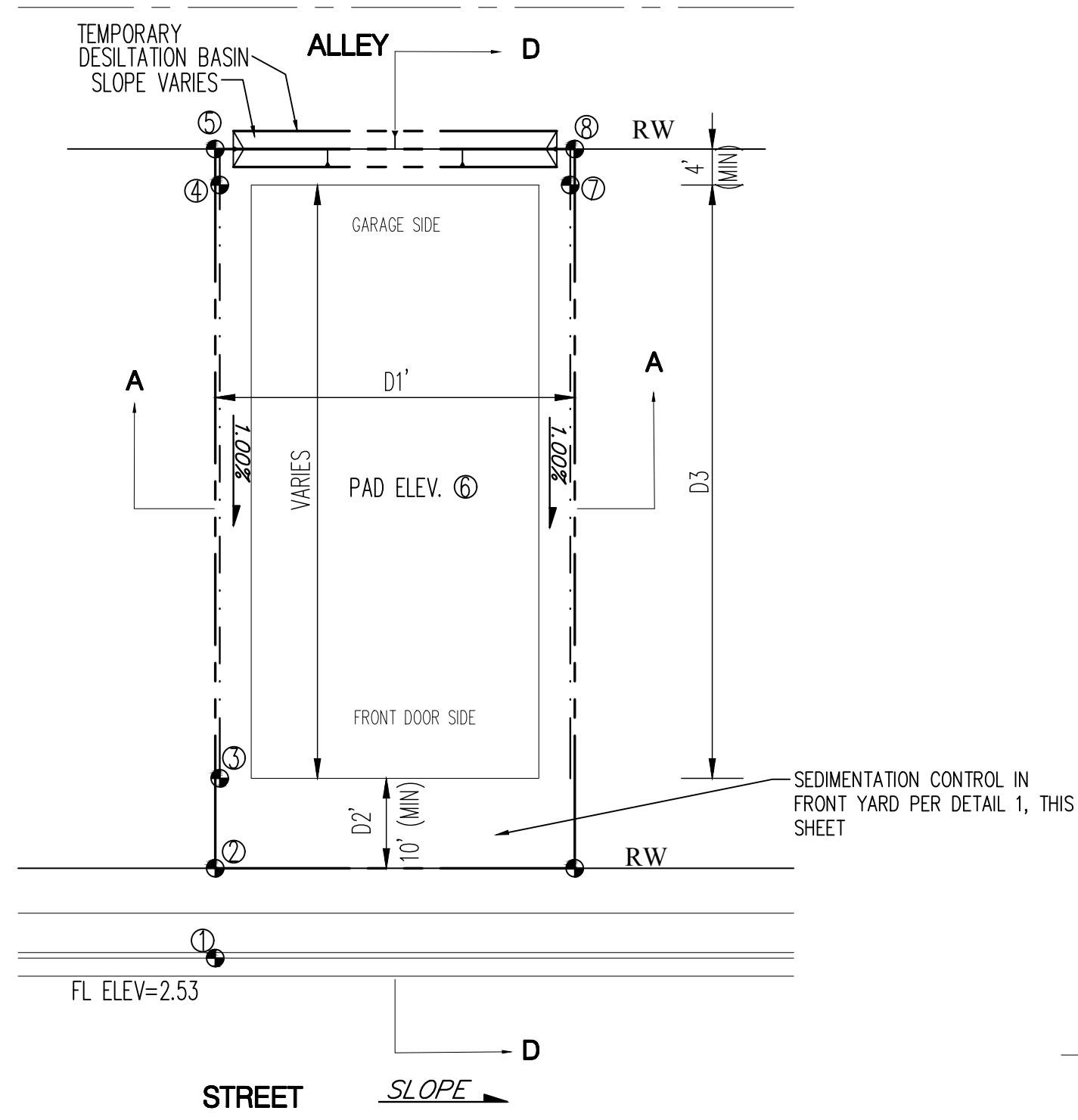
① TYPICAL LOT GRADE DETAIL
WITH DESILTATION BASIN FOR SEDIMENTATION CONTROL
NOT TO SCALE

TO SET SPOT②- ADD 0.90' TO SPOT①
TO SET SPOT③- MULTIPLY D1 BY 1.0% MIN AND ADD TO SPOT②
TO SET SPOT④- MULTIPLY D2 BY 1.0% AND ADD TO SPOT③
TO SET SPOT⑤- ADD 0.2' TO SPOT④

BOTTOM OF BASIN IS 1' BELOW PROPERTY LINE ELEVATION.
SEE GRADING PLANS FOR EXACT ELEVATIONS.
CONTRACTOR SHALL CONSTRUCT TEMPORARY DESILTATION BASIN AT EACH LOT.

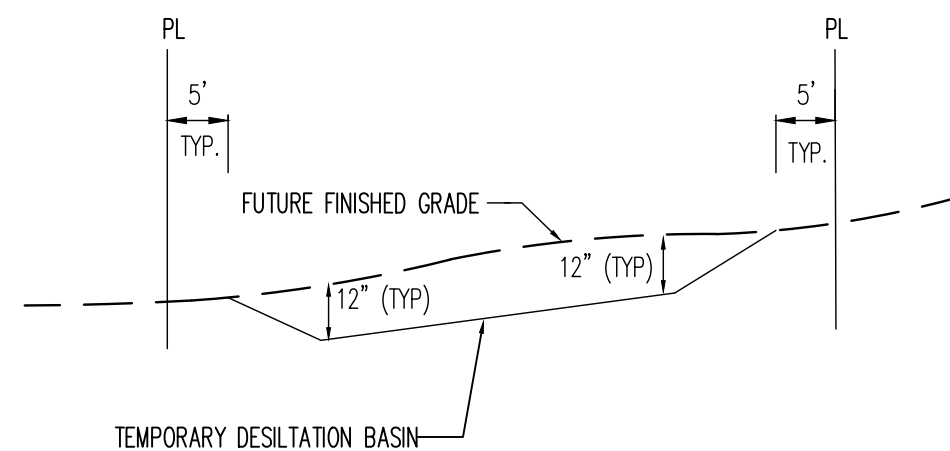


SECTION A-A
TYPICAL SIDE YARD SWALE
NOT TO SCALE

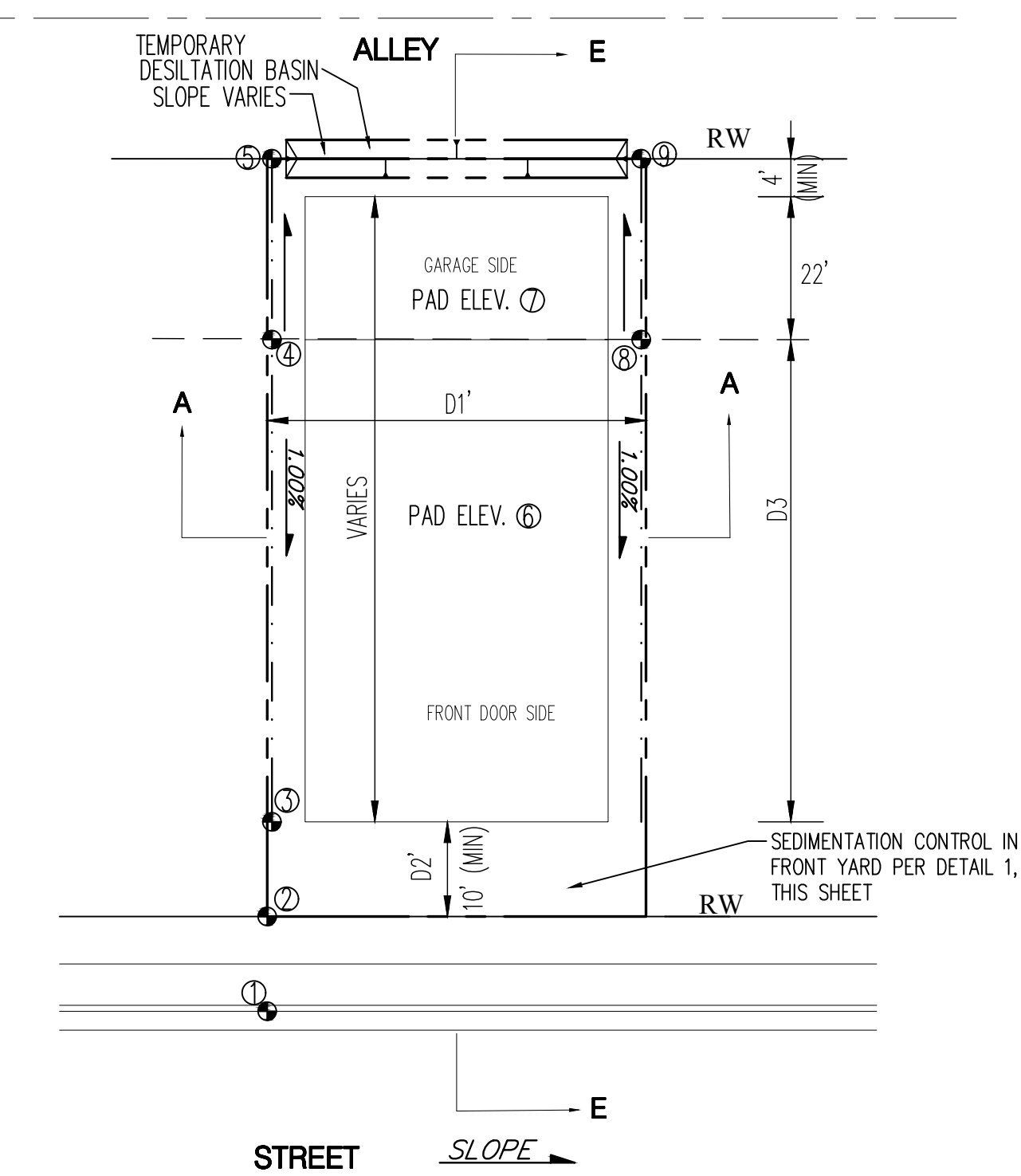


TYPICAL LOT GRADE DETAIL
WITH DESILTATION BASIN FOR SEDIMENTATION CONTROL
STREET PRODUCT TYPE w/ALLEY

TO SET SPOT ② - ADD 0.86' TO SPOT ①
TO SET SPOT ③ - MULTIPLY D2 BY 1.00% MIN AND ADD TO SPOT ② (SEE PLAN FOR ELEVATION)
TO SET SPOT ④ - ADD 0.86' TO SPOT ③
TO SET SPOT ⑤ - SLOPE DOWN TO ROW
TO SET SPOT ⑥ - ADD 0.01' TO SPOT ④
TO SET SPOT ⑦ - SET EQUAL TO SPOT ④
TO SET SPOT ⑧ - SLOPE DOWN TO ROW

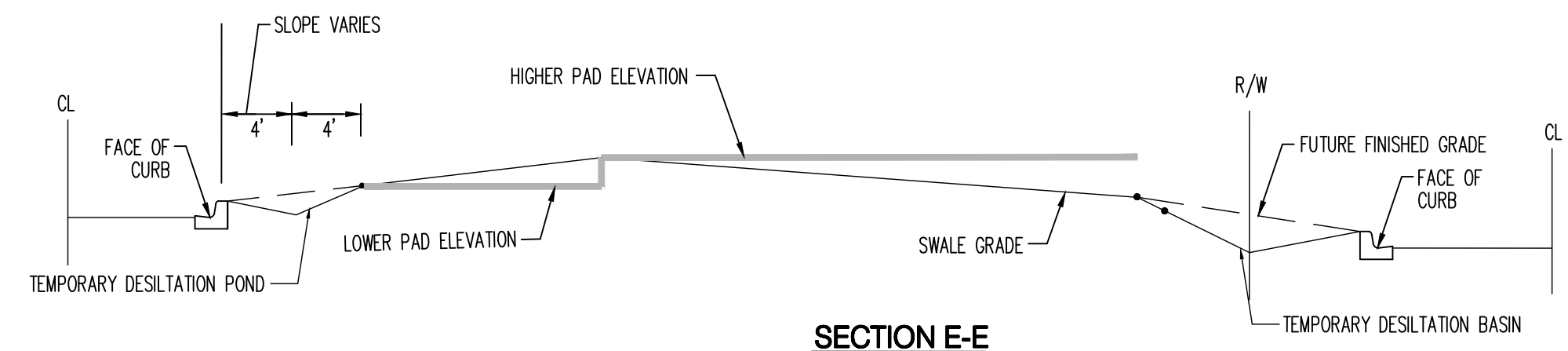


SECTION C-C
NOT TO SCALE

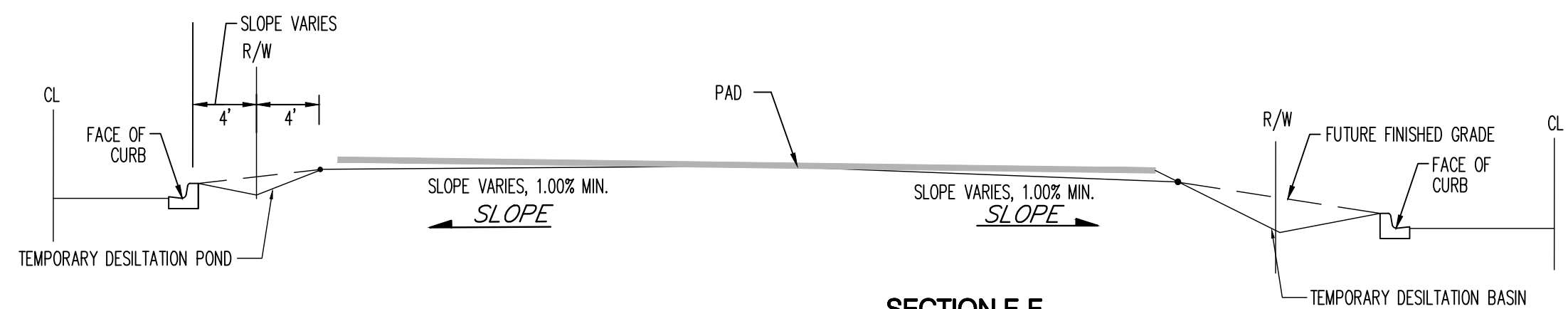


TYPICAL LOT GRADE DETAIL
WITH DESILTATION BASIN FOR SEDIMENTATION CONTROL
STREET PRODUCT TYPE w/ALLEY: SPLIT LOT

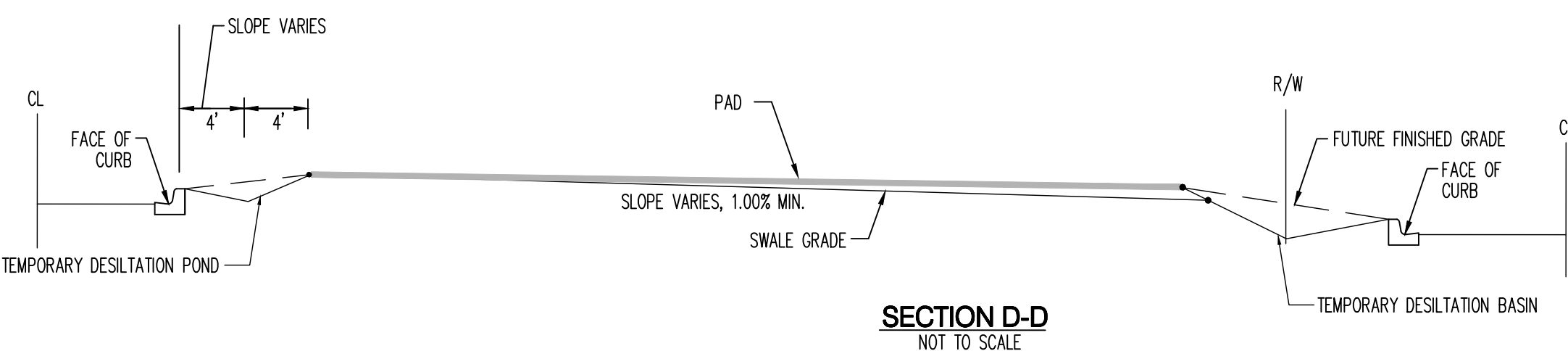
TO SET SPOT ②-- ADD 0.90' TO SPOT ①
TO SET SPOT ③-- MULTIPLY D2 BY 1.00% MIN AND ADD TO SPOT 2 (SEE PLAN FOR ELEVATION)
TO SET SPOT ④-- ADD 0.64' TO SPOT ③
TO SET SPOT ⑤-- SLOPE DOWN TO TO ROW
TO SET SPOT ⑥-- ADD 0.01' TO SPOT ④
TO SET SPOT ⑦-- SUBTRACT 0.5' OR 0.67' (PER PLAN) FROM SPOT ⑥
TO SET SPOT ⑧-- SET EQUAL TO SPOT ④
TO SET SPOT ⑨-- SLOPE DOWN TO ROW



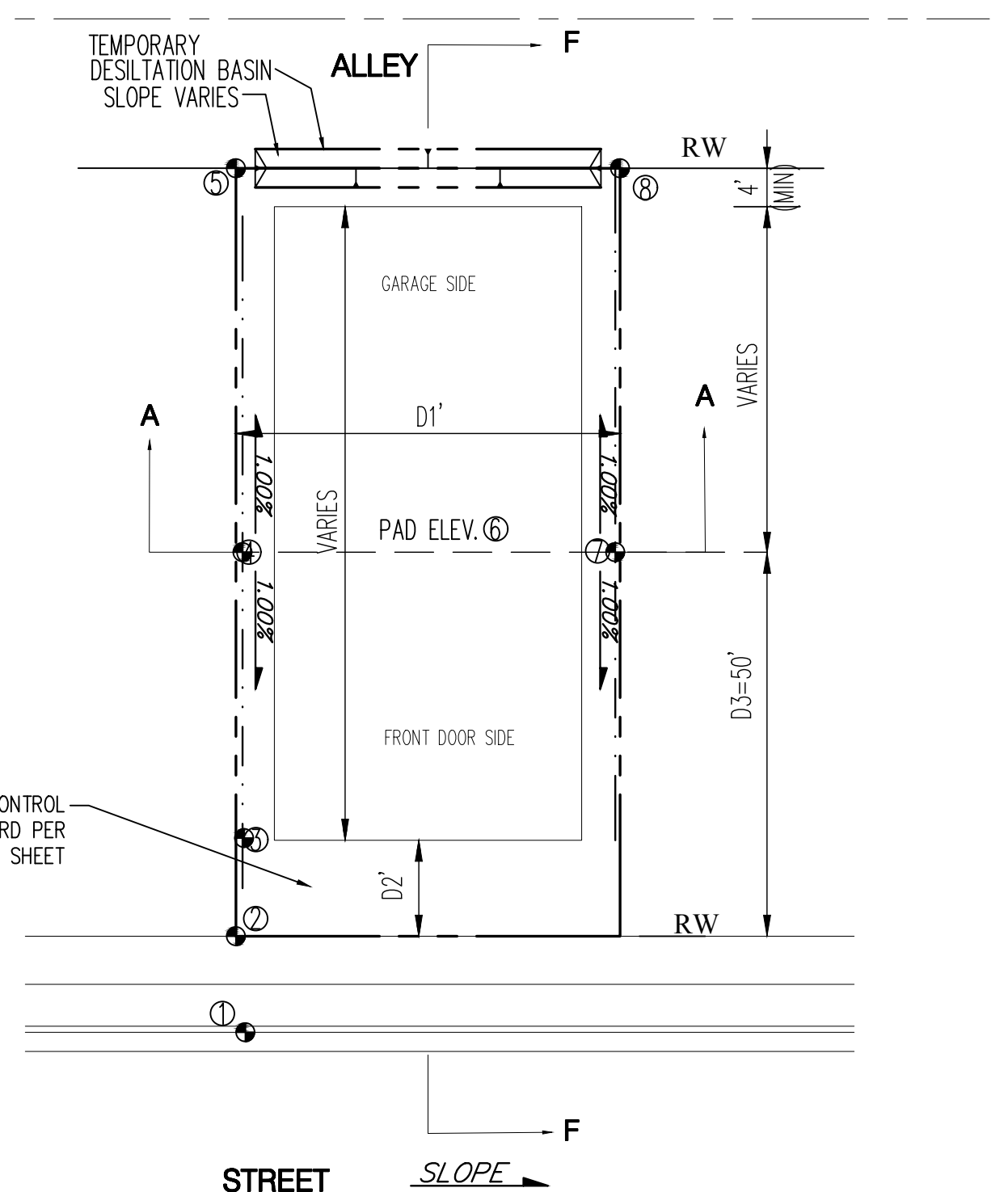
SECTION E-E
NOT TO SCALE



SECTION F-F
NOT TO SCALE



SECTION D-D
NOT TO SCALE



TYPICAL LOT GRADE DETAIL
WITH DESILTATION BASIN FOR SEDIMENTATION CONTROL
STREET PRODUCT TYPE w/ALLEY: NORTH BLOCK 28

TO SET SPOT ② - ADD 0.90' TO SPOT ①
TO SET SPOT ③ - MULTIPLY D2 BY 1.00% MIN AND ADD TO SPOT ② (SEE PLAN FOR ELEVATION)
TO SET SPOT ④ - ADD 0.4' TO SPOT ③
TO SET SPOT ⑤ - SLOPE DOWN TO ROW
TO SET SPOT ⑥ - ADD 0.01' TO SPOT ④
TO SET SPOT ⑦ - SET EQUAL TO SPOT ④
TO SET SPOT ⑧ - SLOPE DOWN TO ROW

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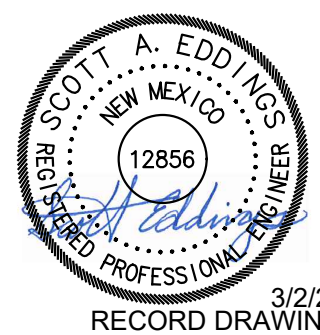
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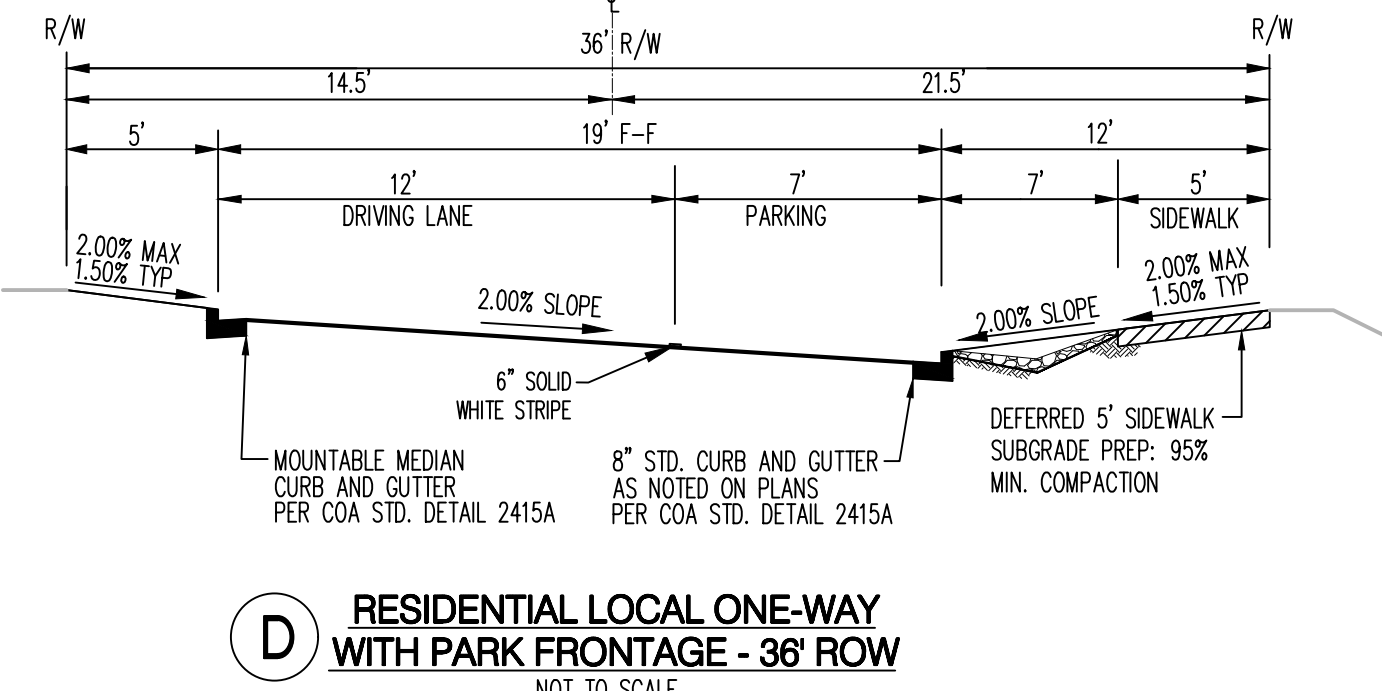



**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

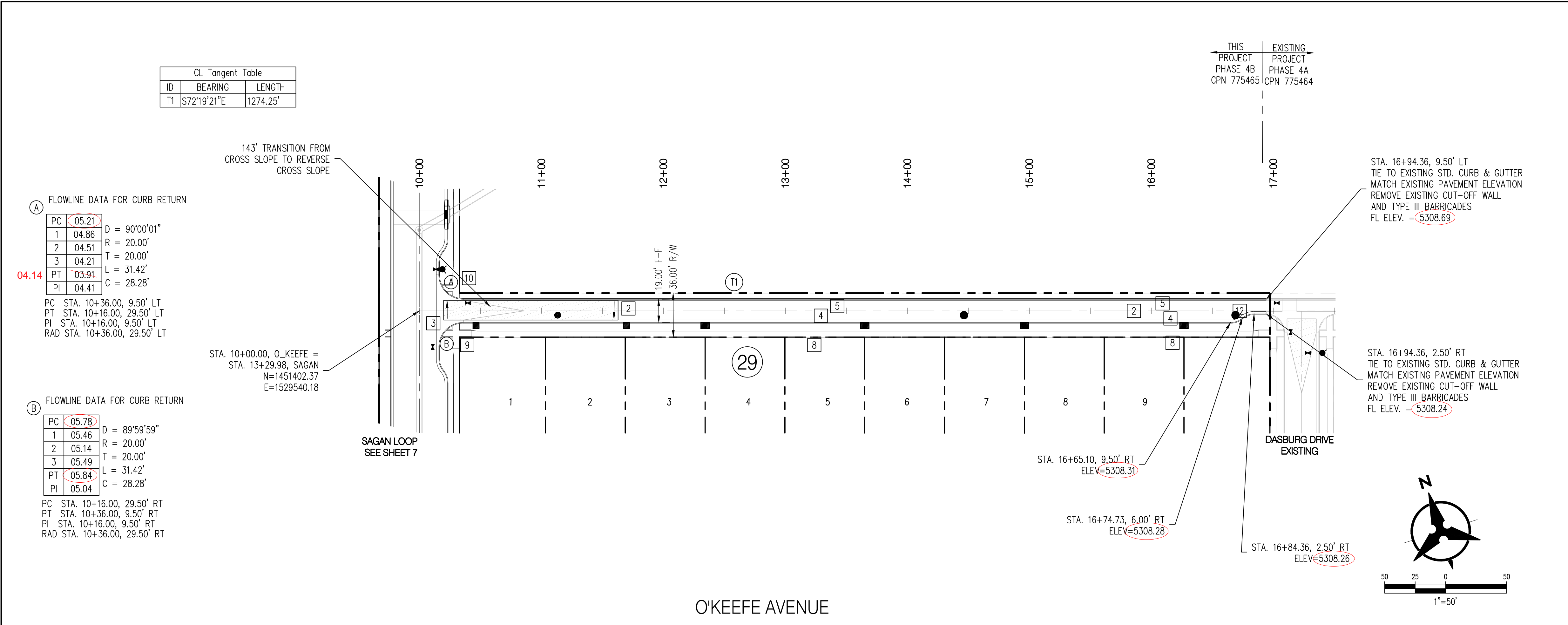
MONTAGE UNIT 4
GRADING DETAILS - TYPICAL LOT GRADING

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
<p>FOR INFORMATION ONLY</p> <p>Approved by _____ City Engineer May 31, 2021</p>				
City Project No.	Zone Map No.	Sheet	Of	
PR-2020-003422	R-15,16,S-16	7	7	





		www.bohinc.com		800.877.5332		NO. 1A NO. 2A NO. 3A NO. 4A NO. 5A NO. 6A NO. 7A NO. 8A NO. 9A NO. 10A NO. 11A NO. 12A NO. 13A NO. 14A NO. 15A NO. 16A NO. 17A NO. 18A NO. 19A NO. 20A NO. 21A NO. 22A NO. 23A NO. 24A NO. 25A NO. 26A NO. 27A NO. 28A NO. 29A NO. 30A NO. 31A NO. 32A NO. 33A NO. 34A NO. 35A NO. 36A NO. 37A NO. 38A NO. 39A NO. 40A NO. 41A NO. 42A NO. 43A NO. 44A NO. 45A NO. 46A NO. 47A NO. 48A NO. 49A NO. 50A NO. 51A NO. 52A NO. 53A NO. 54A NO. 55A NO. 56A NO. 57A NO. 58A NO. 59A NO. 60A NO. 61A NO. 62A NO. 63A NO. 64A NO. 65A NO. 66A NO. 67A NO. 68A NO. 69A NO. 70A NO. 71A NO. 72A NO. 73A NO. 74A NO. 75A NO. 76A NO. 77A NO. 78A NO. 79A NO. 80A NO. 81A NO. 82A NO. 83A NO. 84A NO. 85A NO. 86A NO. 87A NO. 88A NO. 89A NO. 90A NO. 91A NO. 92A NO. 93A NO. 94A NO. 95A NO. 96A NO. 97A NO. 98A NO. 99A NO. 100A NO. 101A NO. 102A NO. 103A NO. 104A NO. 105A NO. 106A NO. 107A NO. 108A NO. 109A NO. 110A NO. 111A NO. 112A NO. 113A NO. 114A NO. 115A NO. 116A NO. 117A NO. 118A NO. 119A NO. 120A NO. 121A NO. 122A NO. 123A NO. 124A NO. 125A NO. 126A NO. 127A NO. 128A NO. 129A NO. 130A NO. 131A NO. 132A NO. 133A NO. 134A NO. 135A NO. 136A NO. 137A NO. 138A NO. 139A NO. 140A NO. 141A NO. 142A NO. 143A NO. 144A NO. 145A NO. 146A NO. 147A NO. 148A NO. 149A NO. 150A NO. 151A NO. 152A NO. 153A NO. 154A NO. 155A NO. 156A NO. 157A NO. 158A NO. 159A NO. 160A NO. 161A NO. 162A NO. 163A NO. 164A NO. 165A NO. 166A NO. 167A NO. 168A NO. 169A NO. 170A NO. 171A NO. 172A NO. 173A NO. 174A NO. 175A NO. 176A NO. 177A NO. 178A NO. 179A NO. 180A NO. 181A NO. 182A NO. 183A NO. 184A NO. 185A NO. 186A NO. 187A NO. 188A NO. 189A NO. 190A NO. 191A NO. 192A NO. 193A NO. 194A NO. 195A NO. 196A NO. 197A NO. 198A NO. 199A NO. 200A NO. 201A NO. 202A NO. 203A NO. 204A NO. 205A NO. 206A NO. 207A NO. 208A NO. 209A NO. 210A NO. 211A NO. 212A NO. 213A NO. 214A NO. 215A NO. 216A NO. 217A NO. 218A NO. 219A NO. 220A NO. 221A NO. 222A NO. 223A NO. 224A NO. 225A NO. 226A NO. 227A NO. 228A NO. 229A NO. 230A NO. 231A NO. 232A NO. 233A NO. 234A NO. 235A NO. 236A NO. 237A NO. 238A NO. 239A NO. 240A NO. 241A NO. 242A NO. 243A NO. 244A NO. 245A NO. 246A NO. 247A NO. 248A NO. 249A NO. 250A NO. 251A NO. 252A NO. 253A NO. 254A NO. 255A NO. 256A NO. 257A NO. 258A NO. 259A NO. 260A NO. 261A NO. 262A NO. 263A NO. 264A NO. 265A NO. 266A NO. 267A NO. 268A NO. 269A NO. 270A NO. 271A NO. 272A NO. 273A NO. 274A NO. 275A NO. 276A NO. 277A NO. 278A NO. 279A NO. 280A NO. 281A NO. 282A NO. 283A NO. 284A NO. 285A NO. 286A NO. 287A NO. 288A NO. 289A NO. 290A NO. 291A NO. 292A NO. 293A NO. 294A NO. 295A NO. 296A NO. 297A NO. 298A NO. 299A NO. 300A NO. 301A NO. 302A NO. 303A NO. 304A NO. 305A NO. 306A NO. 307A NO. 308A NO. 309A NO. 310A NO. 311A NO. 312A NO. 313A NO. 314A NO. 315A NO. 316A NO. 317A NO. 318A NO. 319A NO. 320A NO. 321A NO. 322A NO. 323A NO. 324A NO. 325A NO. 326A NO. 327A NO. 328A NO. 329A NO. 330A NO. 331A NO. 332A NO. 333A NO. 334A NO. 335A NO. 336A NO. 337A NO. 338A NO. 339A NO. 340A NO. 341A NO. 342A NO. 343A NO. 344A NO. 345A NO. 346A NO. 347A NO. 348A NO. 349A NO. 350A NO. 351A NO. 352A NO. 353A NO. 354A NO. 355A NO. 356A NO. 357A NO. 358A NO. 359A NO. 360A NO. 361A NO. 362A NO. 363A NO. 364A NO. 365A NO. 366A NO. 367A NO. 368A NO. 369A NO. 370A NO. 371A NO. 372A NO. 373A NO.	
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- NOTES
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4" 4"x 5" POST AND E.M.S. AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 11. CURB RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 12. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
 13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

- KEYED NOTES
1. BUILD PAVEMENT SECTION PER RESIDENTIAL CONNECTOR STREET SECTION A, SHEET 13.
 2. BUILD PAVEMENT SECTION PER RESIDENTIAL LOCAL AND ALLEY SECTION B, SHEET 13.
 3. INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
 4. BUILD 8" STD. CURB & GUTTER PER COA STD. DWG. 2415A
 5. MOUNTABLE MEDIAN CURB & GUTTER PER COA STD. DWG. 2414A
 6. BUILD MDS ROLL TYPE CURB & GUTTER PER DETAIL, SHEET 13
 7. BUILD 5' SIDEWALK PER COA STD. DWG. 2430.
 8. 5' SIDEWALK DEFERRED.
 9. INSTALL CURB RAMP PER DETAIL "A", SHEET 14.
 10. INSTALL CURB RAMP PER DETAIL "B", SHEET 14
 11. INSTALL 24' DRIVEPAD PER COA STD DWG 2425A & 2425B.
 12. BUILD BULBOUT PER DETAIL, SEE SHEET 13
 13. NOT USED
 14. BUILD TAPERS PER DETAIL ON SHEET 13
 15. INSTALL CURB RAMP PER DETAIL "B", COA STD DWG 2444.
 16. FUTURE SIDEWALK TO BE BUILT IN FUTURE PHASE
 17. INSTALL 12" WIDE VALLEY GUTTER PER COA STD. DWG 2422 "LOCAL STREET (25 MPH DESIGN SPEED)"

- LEGEND
- DOUBLE WATER METER
 - SINGLE WATER METER
 - WATER LINE VALVE
 - SAS MANHOLE
 - STORM DRAIN MANHOLE
 - STORM DRAIN INLET
 - PROPOSED FIRE HYDRANT
- GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2209 UNLESS OTHERWISE NOTED.
- STORM DRAIN LINE TO BE CLASS III RCP
STORM DRAIN GRATE PER COA STD 2220 (REVISED JUNE 2019) PER SHEET 22

Bohannan & Huston

www.bhinc.com 800.877.5332

CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

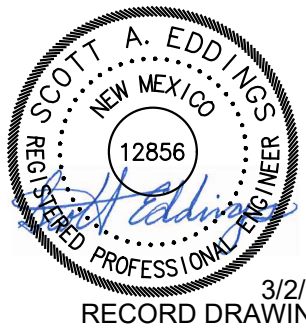
MONTAGE UNIT 4B
PAVING PLAN & PROFILE
O'KEEFE AVENUE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE	Approved by Albuquerque City Engineer May 21, 2021	LAST DESIGN UPDATE	

CITY PROJECT NO. 775464

ZONE MAP NO. R-15,16,S-16

SHEET 6 OF 25



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" 4" 5" POST AND E.M.S. AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. CURB RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

12. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.

13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

- KEYED NOTES**
- 1 BUILD PAVEMENT SECTION PER RESIDENTIAL CONNECTOR STREET SECTION A, SHEET 13.
- 2 BUILD PAVEMENT SECTION PER RESIDENTIAL LOCAL AND ALLEY SECTION B, SHEET 13.
- 3 INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
- 4 BUILD 8" STD. CURB & GUTTER PER COA STD. DWG. 2415A
- 5 MOUNTABLE MEDIAN CURB & GUTTER PER COA STD. DWG. 2414A
- 6 BUILD MDS ROLL TYPE CURB & GUTTER PER DETAIL, SHEET 13
- 7 BUILD 5' SIDEWALK PER COA STD. DWG. 2430.
- 8 5' SIDEWALK DEFERRED.
- 9 INSTALL CURB RAMP PER DETAIL "A", SHEET 14.
- 10 INSTALL CURB RAMP PER DETAIL "B", SHEET 14
- 11 INSTALL 24" DRIVEPAD PER COA STD DWG 2425A & 2425B.
- 12 BUILD BULBOUT PER DETAIL, SEE SHEET 13
- 13 NOT USED
- 14 BUILD TAPERS PER DETAIL ON SHEET 13
- 15 INSTALL CURB RAMP PER DETAIL "B", COA STD DWG 2444.
- 16 FUTURE SIDEWALK TO BE BUILT IN FUTURE PHASE
- 17 INSTALL 12" WIDE VALLEY GUTTER PER COA STD. DWG 2422 "LOCAL STREET (25 MHP DESIGN SPEED)"

- LEGEND**
- DOUBLE WATER METER
 - SINGLE WATER METER
 - WATER LINE VALVE
 - SAS MANHOLE
 - STORM DRAIN MANHOLE
 - STORM DRAIN INLET
 - PROPOSED FIRE HYDRANT

GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2209 UNLESS OTHERWISE NOTED.

STORM DRAIN LINE TO BE CLASS III RCP
STORM DRAIN GRATE PER COA STD 2220 (REVISED JUNE 2019) PER SHEET 22

Bohannan & Huston
www.bhinc.com 800.877.5332

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

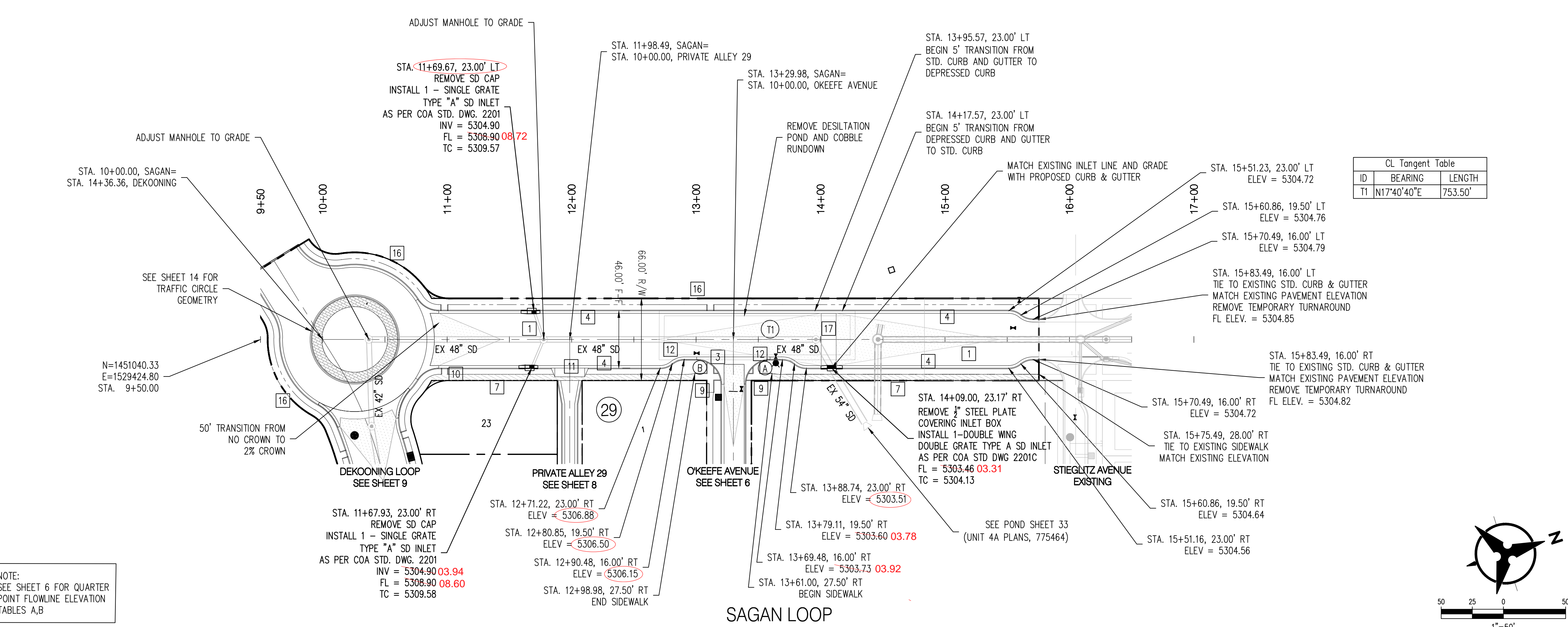
MONTAGE UNIT 4B
PAVING PLAN & PROFILE
SAGAN LOOP

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE	Approved by Albuquerque City Engineer May 21, 2021	LAST DESIGN UPDATE	

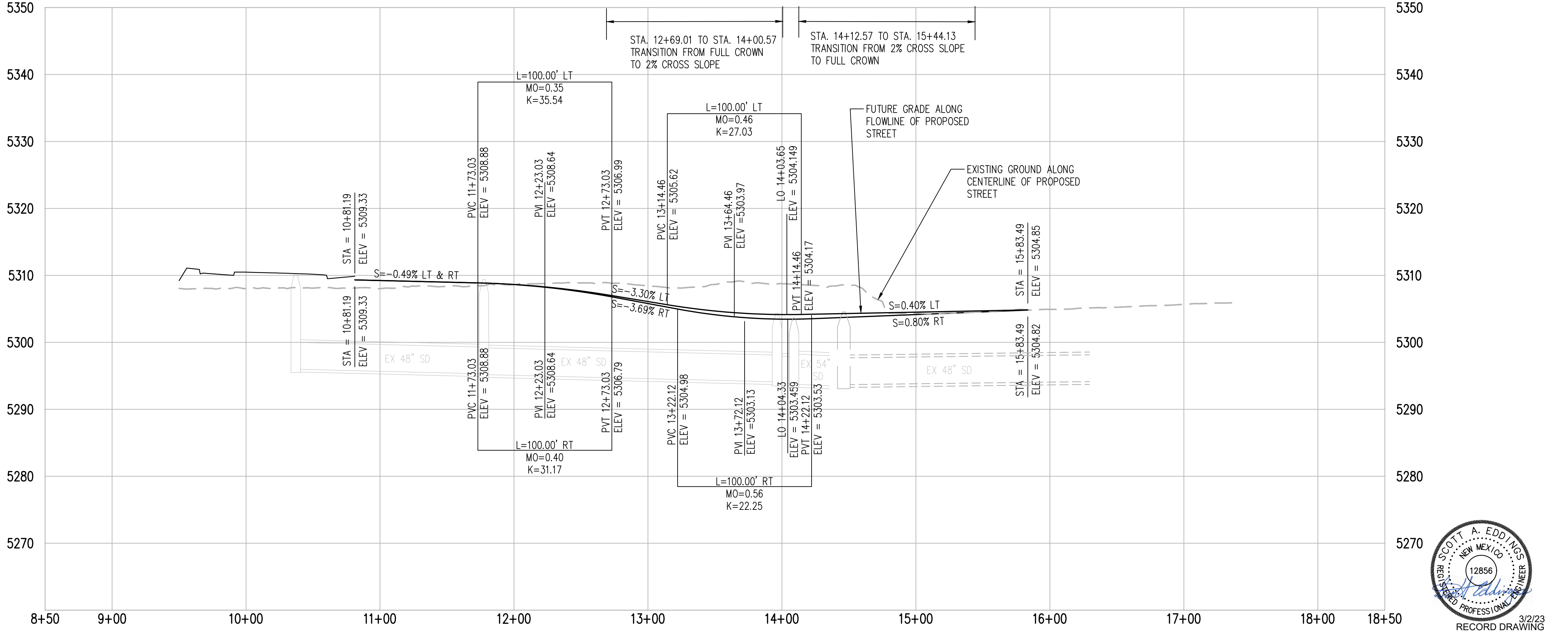
CITY PROJECT NO. 775464

ZONE MAP NO. R-15,16,S-16

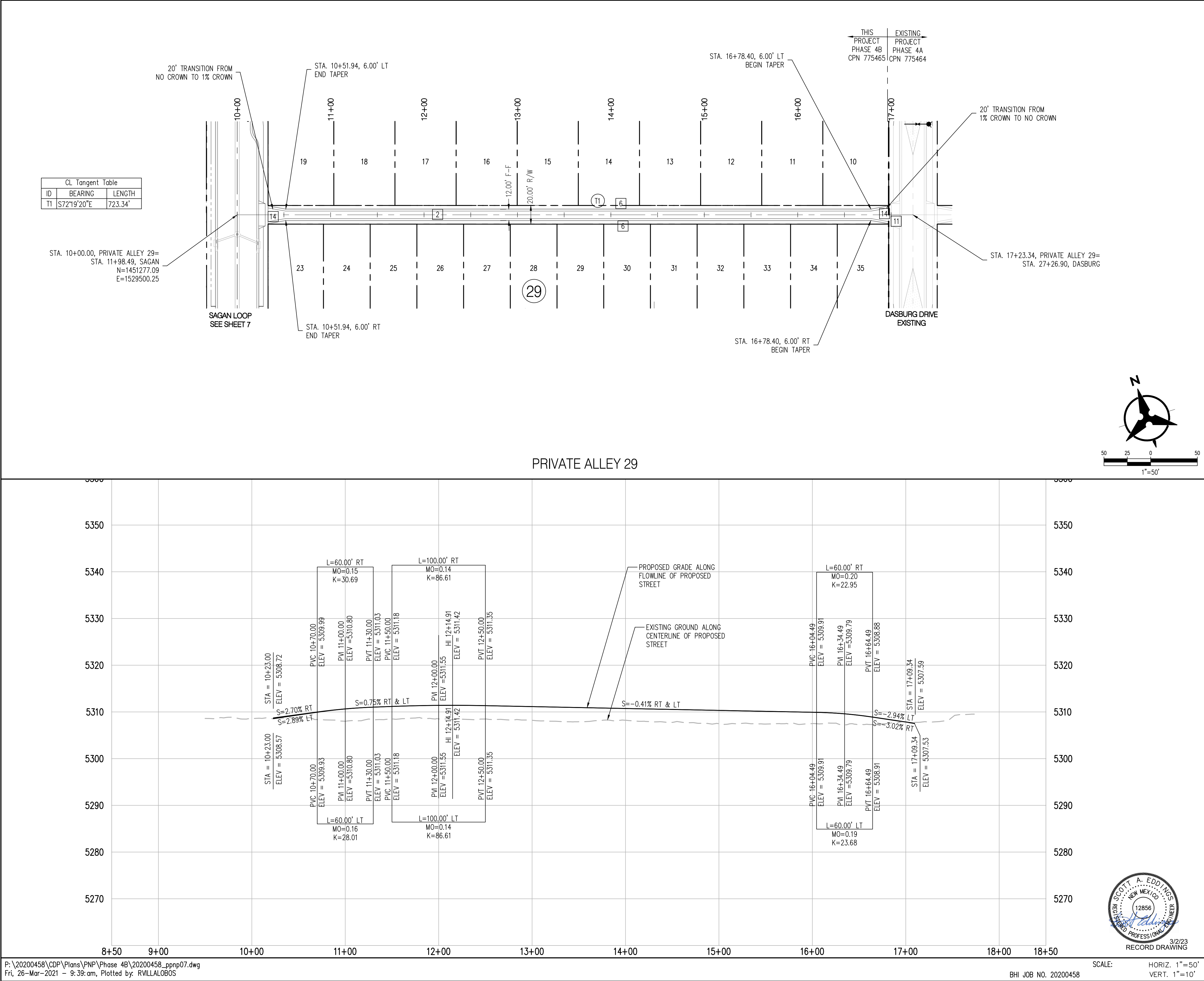
SHEET 7 OF 25



NOTE:
SEE SHEET 6 FOR QUARTER POINT FLOWLINE ELEVATION TABLES A,B



RECORD DRAWING
3/2/23



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
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- CONTRACTOR IS TO INSTALL A 4" 4"x 5" POST AND E.M.S. AT THE END OF EACH SANITARY SEWER SERVICE.
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- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- CURB RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER
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KEYED NOTES

- BUILD PAVEMENT SECTION PER RESIDENTIAL CONNECTOR STREET SECTION A, SHEET 13.
- BUILD PAVEMENT SECTION PER RESIDENTIAL LOCAL AND ALLEY SECTION B, SHEET 13.
- INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
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- BUILD MDS ROLL TYPE CURB & GUTTER PER DETAIL, SHEET 13
- BUILD 5' SIDEWALK PER COA STD. DWG. 2430.
- 5' SIDEWALK DEFERRED.
- INSTALL CURB RAMP PER DETAIL "A", SHEET 14.
- INSTALL CURB RAMP PER DETAIL "B", SHEET 14
- INSTALL 24" DRIVEPAD PER COA STD DWG 2425A & 2425B.
- BUILD BULBOUT PER DETAIL, SEE SHEET 13
- NOT USED
- BUILD TAPERS PER DETAIL ON SHEET 13
- INSTALL CURB RAMP PER DETAIL "B", COA STD DWG 2444.
- FUTURE SIDEWALK TO BE BUILT IN FUTURE PHASE
- INSTALL 12" WIDE VALLEY GUTTER PER COA STD. DWG 2422 "LOCAL STREET (25 MHP DESIGN SPEED)"

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE VALVE
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT

GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2209 UNLESS OTHERWISE NOTED.

STORM DRAIN LINE TO BE CLASS III RCP
STORM DRAIN GRATE PER COA STD 2220 (REVISED JUNE 2019) PER SHEET 22

Bohannon & Huston
www.bhinc.com 800.877.5332

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
PAVING PLAN & PROFILE
PRIVATE ALLEY 29

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR.

MO./DAY/YR.

DESIGNED BY KMK

DRAWN BY RV

CHECKED BY KMK

DATE 03/2019

DATE 03/2019

DATE 03/2019

REVISIONS

NO. DATE

REMARKS

BY

DESIGN REVIEW COMMITTEE

APPROVED

April 13, 2021

Approved by Albuquerque City Engineer May 21, 2021

LAST DESIGN UPDATE

3/2/23

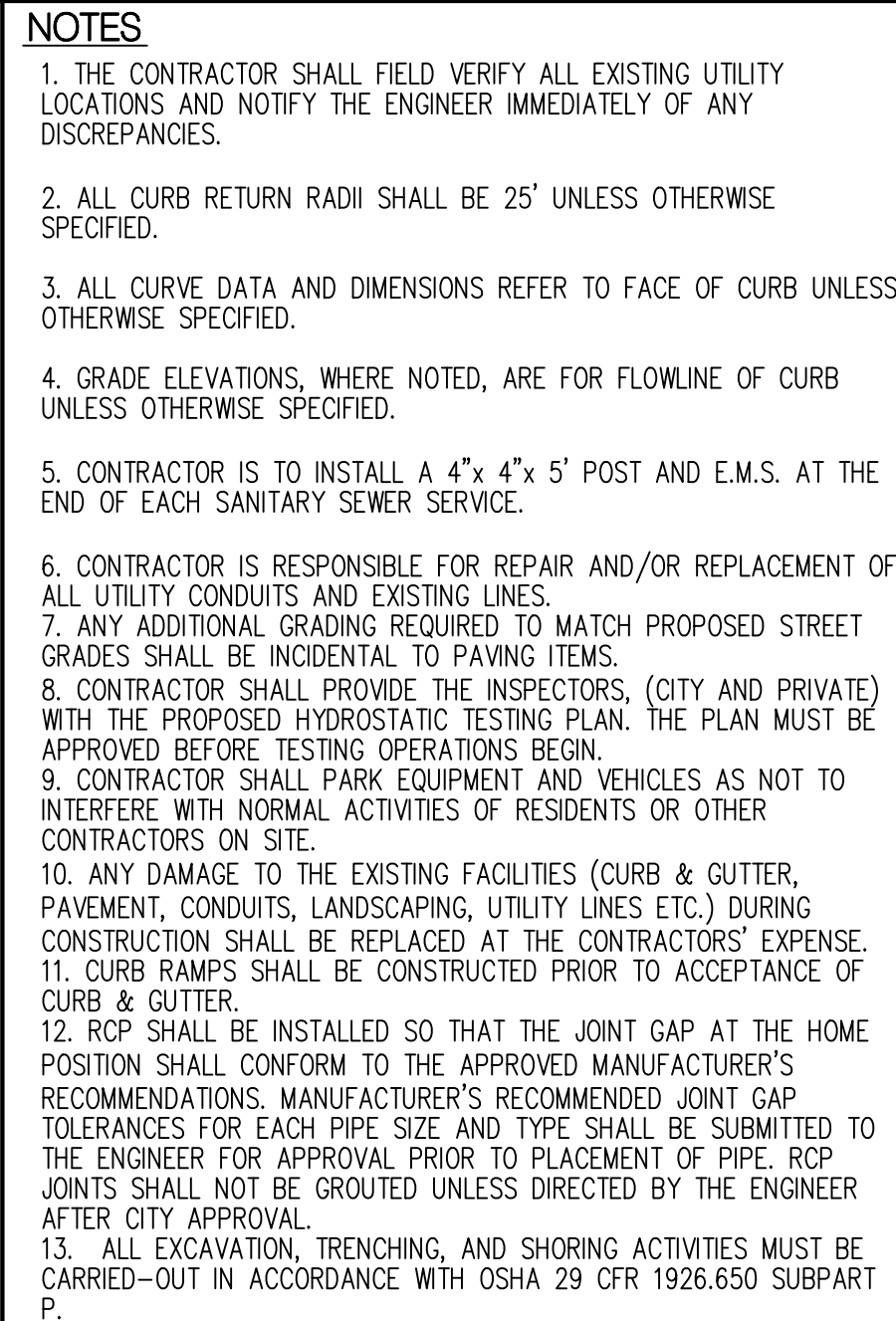
RECORD DRAWING

CITY PROJECT NO. 775464

ZONE MAP NO. R-15,16,S-16

SHEET 8 OF 25








ID	BEARING	LENGTH
T1	N75°56'07"E	94.50'
T2	S72°19'20"E	548.33'



- [1] BUILD PAVEMENT SECTION PER RESIDENTIAL CONNECTOR STREET SECTION A, SHEET 13.
- [2] BUILD PAVEMENT SECTION PER RESIDENTIAL LOCAL AND ALLEY SECTION B, SHEET 13.
- [3] INSTALL 6' CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
- [4] BUILD 8" STD. CURB & GUTTER PER COA STD. DWG. 2415A
- [5] MOUNTABLE MEDIAN CURB & GUTTER PER COA STD. DWG. 2414A
- [6] BUILD MDS ROLL TYPE CURB & GUTTER PER DETAIL, SHEET 13
- [7] BUILD 5' SIDEWALK PER COA STD. DWG. 2430.
- [8] 5' SIDEWALK DEFERRED.
- [9] INSTALL CURB RAMP PER DETAIL "A", SHEET 14.
- [10] INSTALL CURB RAMP PER DETAIL "B", SHEET 14
- [11] INSTALL 24' DRIVEPAD PER COA STD DWG 2425A & 2425B.
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- [13] NOT USED
- [14] BUILD TAPERS PER DETAIL ON SHEET 13
- [15] INSTALL CURB RAMP PER DETAIL "B", COA STD DWG 2444.
- [16] FUTURE SIDEWALK TO BE BUILT IN FUTURE PHASE
- [17] INSTALL 12' WIDE VALLEY GUTTER PER COA STD. DWG 2422

"LOCAL STREET (25 MHP DESIGN SPEED)"

LEGEND

	DOUBLE WATER METER
	SINGLE WATER METER
	WATER LINE VALVE
	SAS MANHOLE
	STORM DRAIN MANHOLE
	STORM DRAIN INLET
	PROPOSED FIRE HYDRANT

GENERAL NOTE:
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OTHERWISE NOTED.


STORM DRAIN LINE TO BE CLASS III RCP
STORM DRAIN GRATE PER COA STD 2220 (REVISED JUNE
2019) PER SHEET 22

Bohannon  **Huston**
www.bhinc.com 800.877.5332

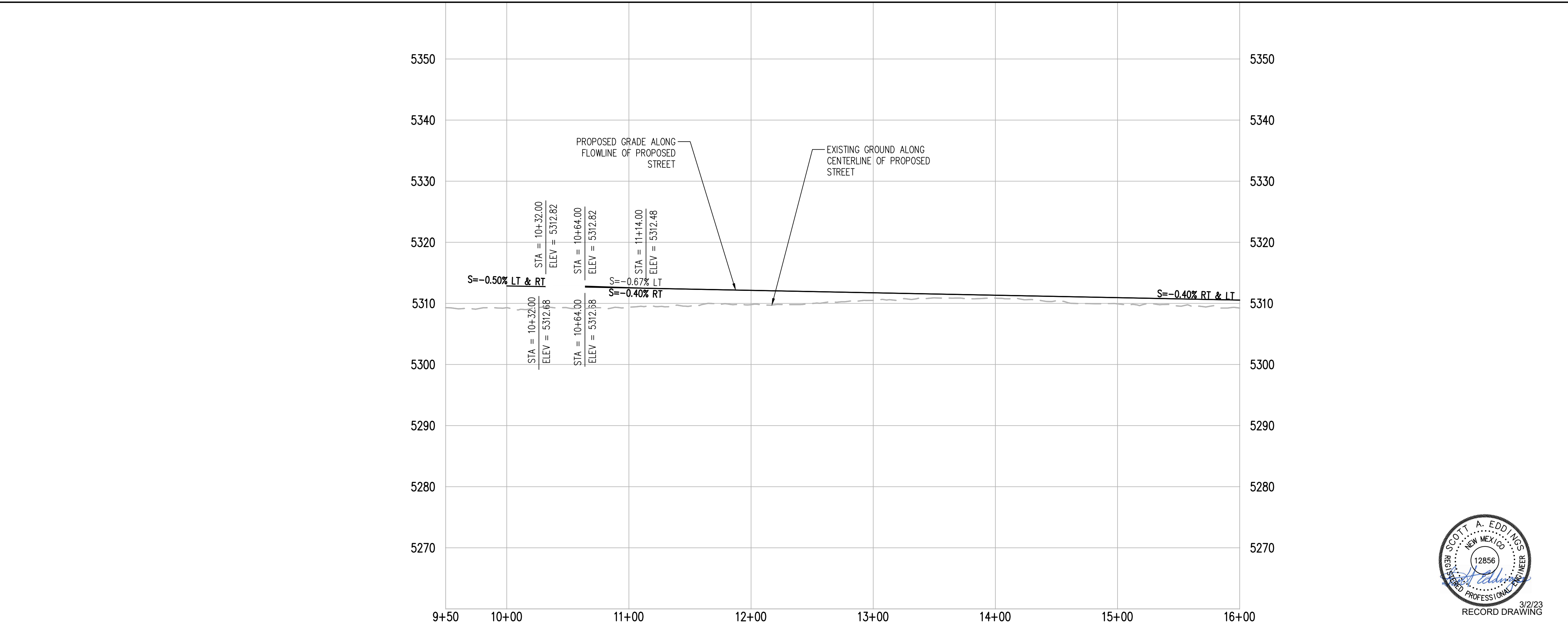
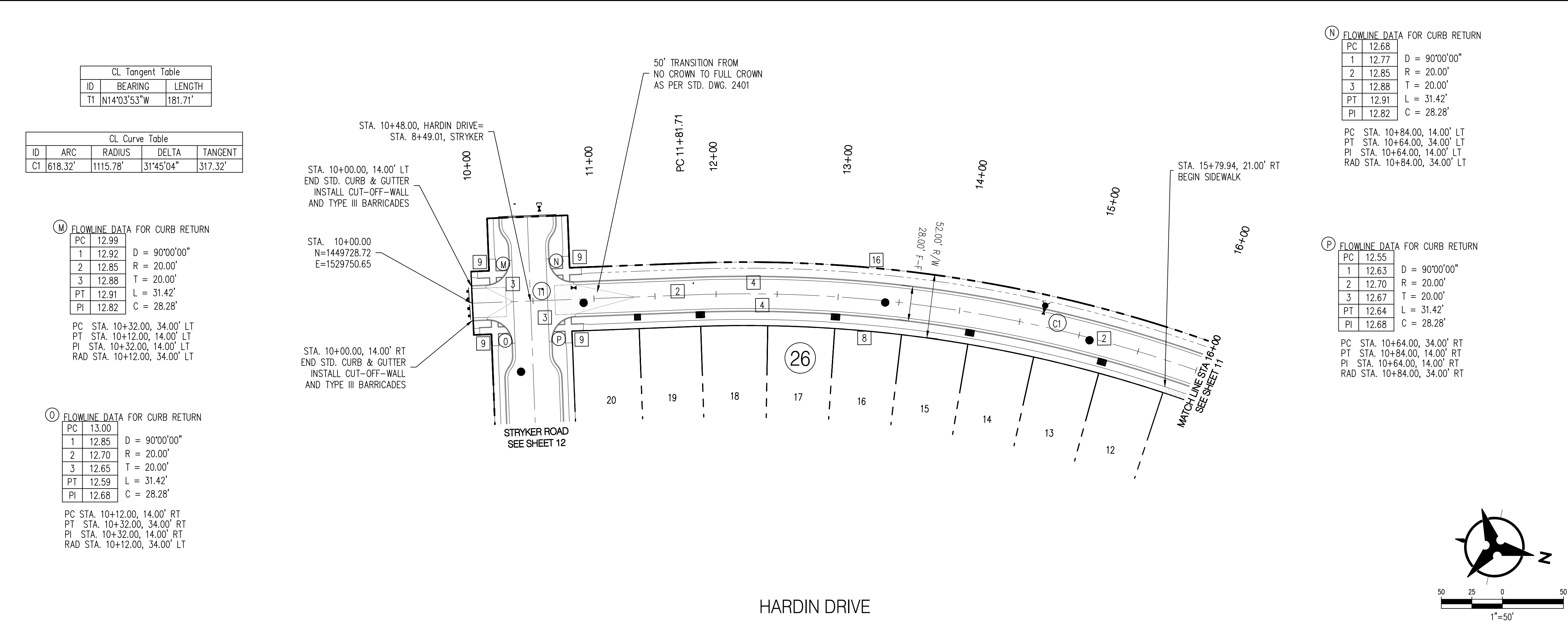


CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

**MONTAGE UNIT 4
PAVING PLAN & PROFILE
DEKOONING LOOP**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO./DAY/YR.	MO./DAY/YR.
 <p>APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE</p>	<p>Approved by Albuquerque City Engineer May 21, 2021</p>			

CITY PROJECT NO.	775464	ZONE MAP NO.	R-15,16,S-16	SHEET	9	OF	25
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NOTES

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KEYED NOTES

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- NOT USED
- BUILD TAPERS PER DETAIL ON SHEET 13
- INSTALL CURB RAMP PER DETAIL "B", COA STD DWG 2444.
- FUTURE SIDEWALK TO BE BUILT IN FUTURE PHASE
- INSTALL 12" WIDE VALLEY GUTTER PER COA STD. DWG 2422 "LOCAL STREET (25 MHP DESIGN SPEED)"

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE VALVE
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT

GENERAL NOTE:
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STORM DRAIN LINE TO BE CLASS III RCP
STORM DRAIN GRATE PER COA STD 2220 (REVISED JUNE 2019) PER SHEET 22

Bohannon & Huston
www.bhinc.com 800.877.5332

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
PAVING PLAN & PROFILE
HARDIN DRIVE

DESIGN REVIEW COMMITTEE

APPROVED
April 13, 2021
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

Approved by
Albuquerque City
Engineer May 21, 2021

LAST DESIGN UPDATE

MO./DAY/YR.

MO./DAY/YR.

DESIGNED BY KMK
DRAWN BY RV
CHECKED BY KMK

DATE 03/2019
DATE 03/2019
DATE 03/2019

REVISIONS

NO. DATE

REMARKS

DESIGN

SCOTT A. EDDING
NEW MEXICO
12856
REGISTERED PROFESSIONAL ENGINEER
3/23
RECORD DRAWING

SCALE: HORIZ. 1"=50'
VERT. 1"=10'

CITY PROJECT NO. 775464

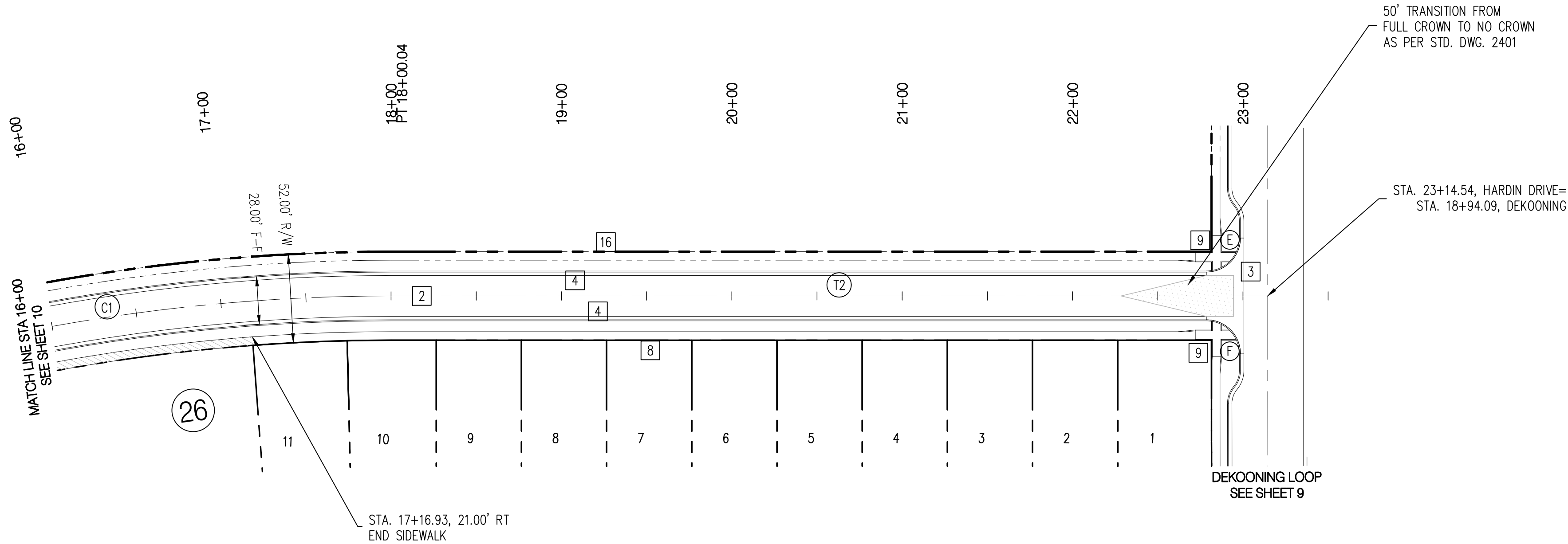
ZONE MAP NO. R-15,16,S-16

SHEET 10 OF 25

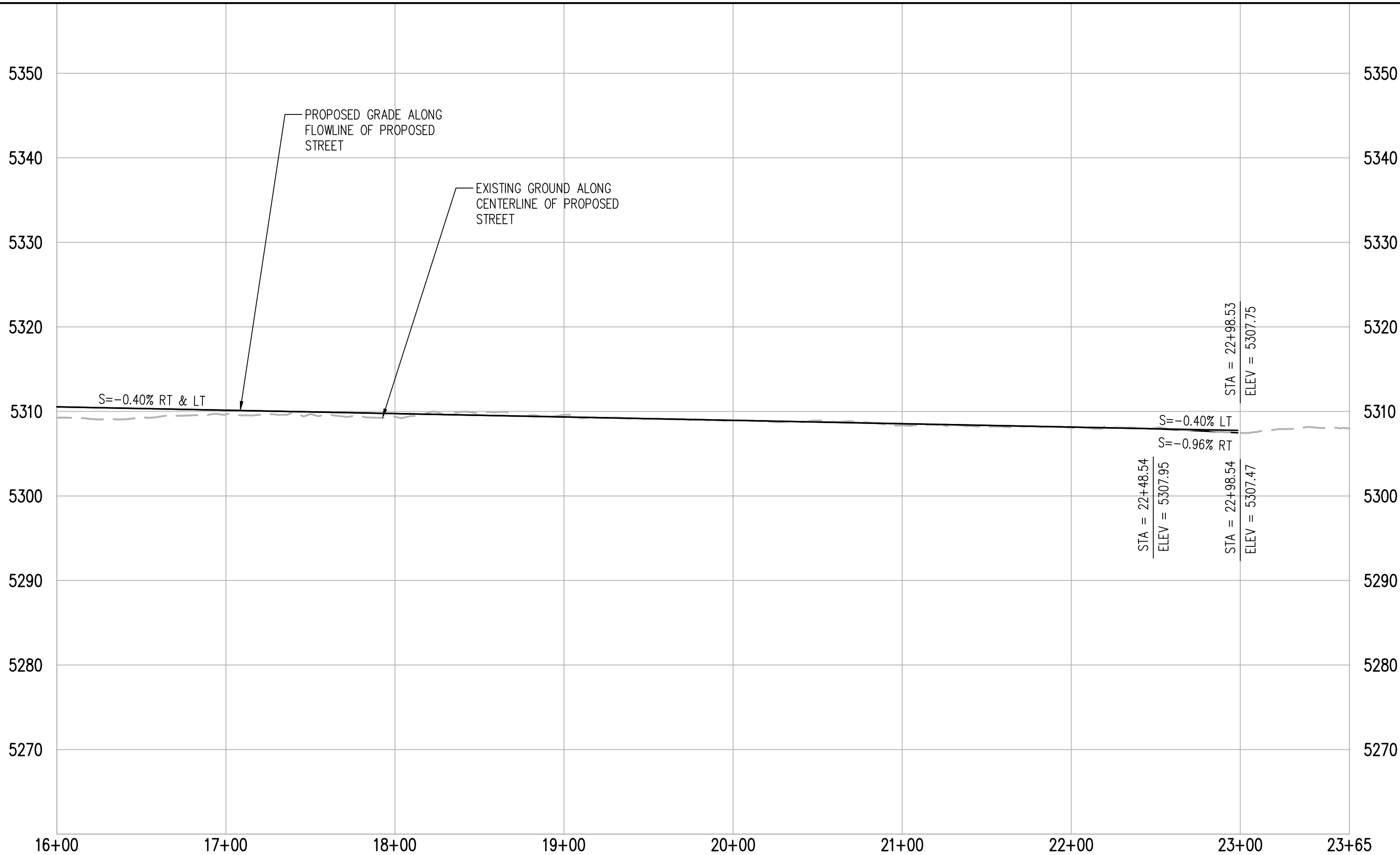
CL Tangent Table		
ID	BEARING	LENGTH
T2	N17°41'12"E	564.50'

CL Curve Table			
ID	ARC	RADIUS	DELTA
C1	618.32'	1115.78'	31°45'04"
			317.32'

NOTE:
SEE SHEET 9 FOR QUARTER
POINT FLOWLINE ELEVATION
TABLES, E,F



HARDIN DRIVE



- NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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 - NOT USED
 - BUILD TAPERS PER DETAIL ON SHEET 13
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- DOUBLE WATER METER
 - SINGLE WATER METER
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 - SAS MANHOLE
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GENERAL NOTE:
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STORM DRAIN LINE TO BE CLASS III RCP
STORM DRAIN GRATE PER COA STD 2220 (REVISED JUNE 2019) PER SHEET 22

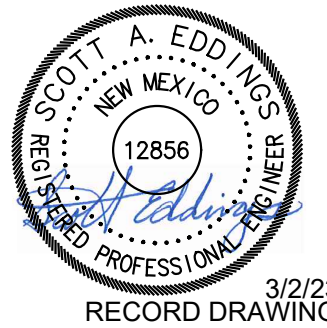
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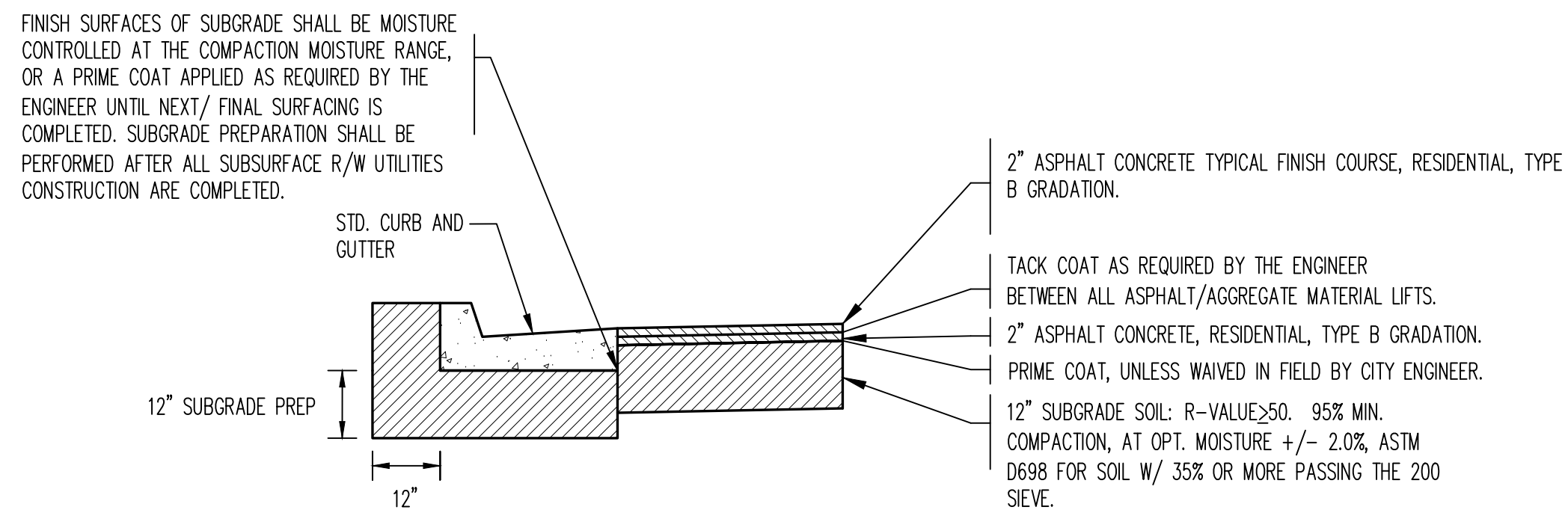
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
PAVING PLAN & PROFILE
HARDIN DRIVE

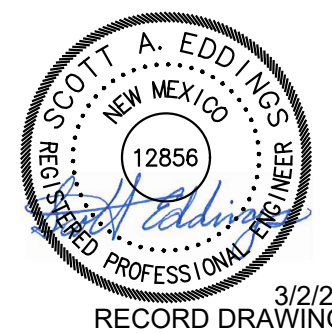
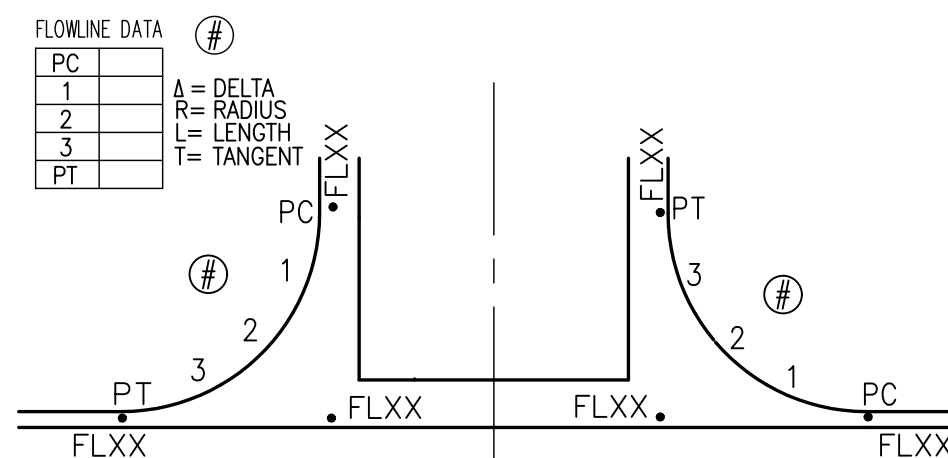
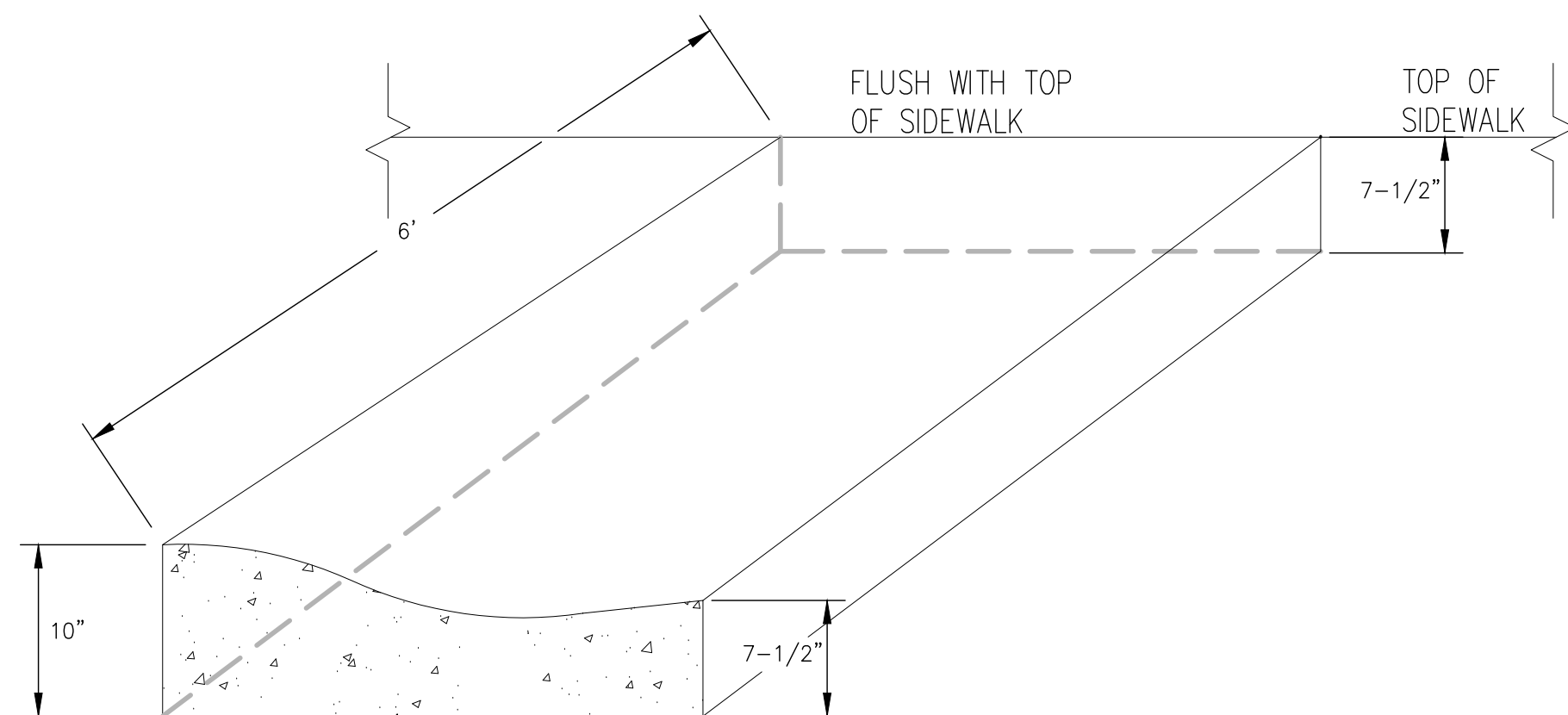
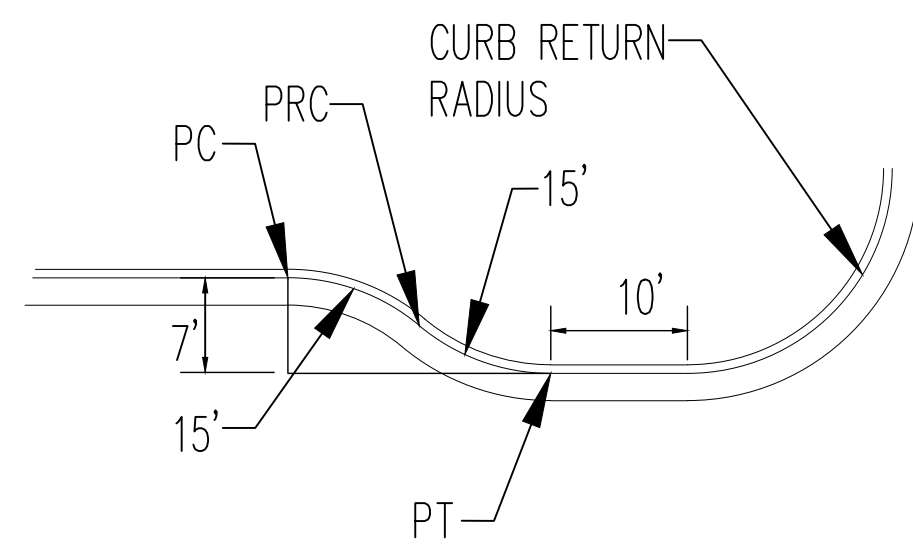
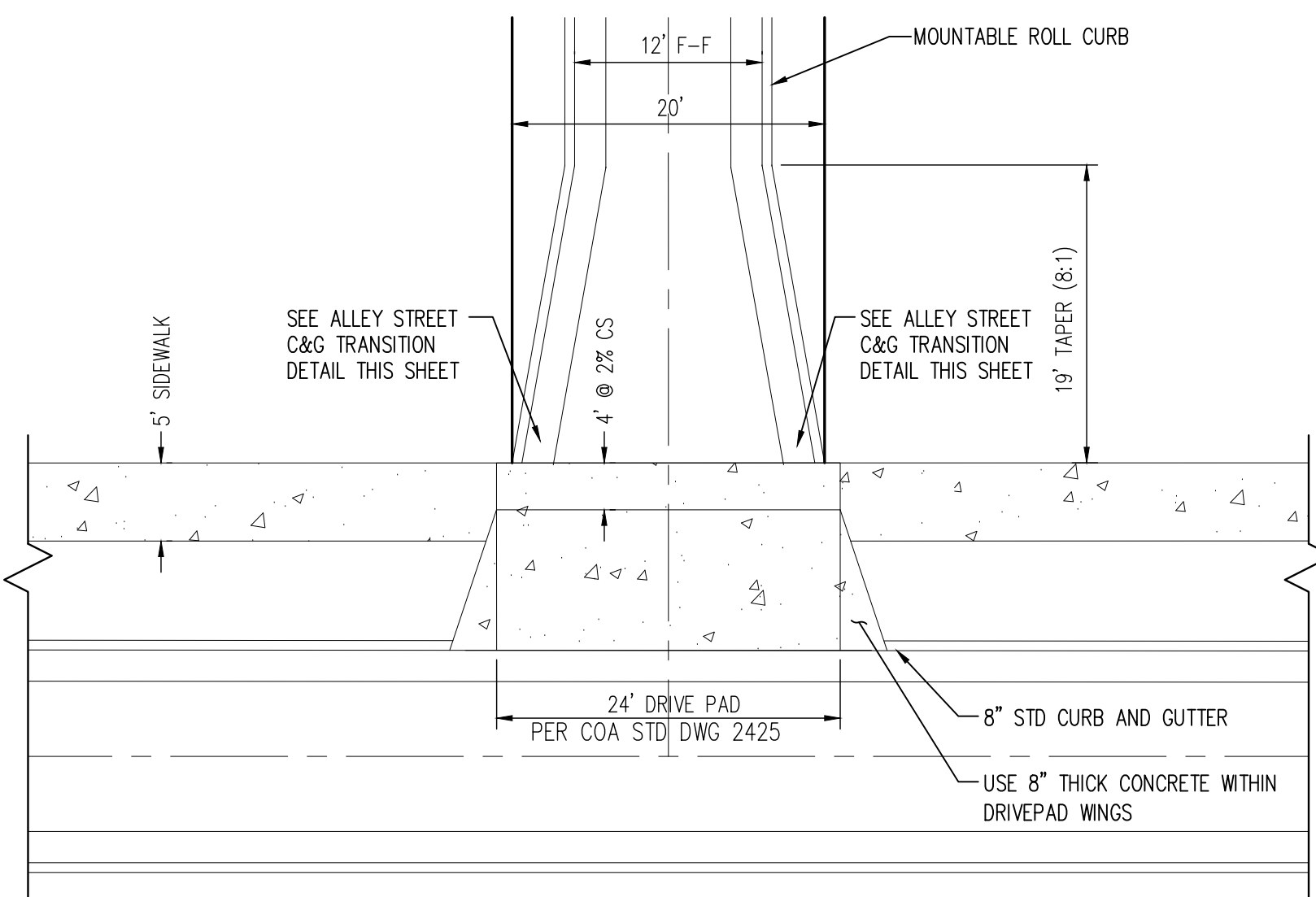
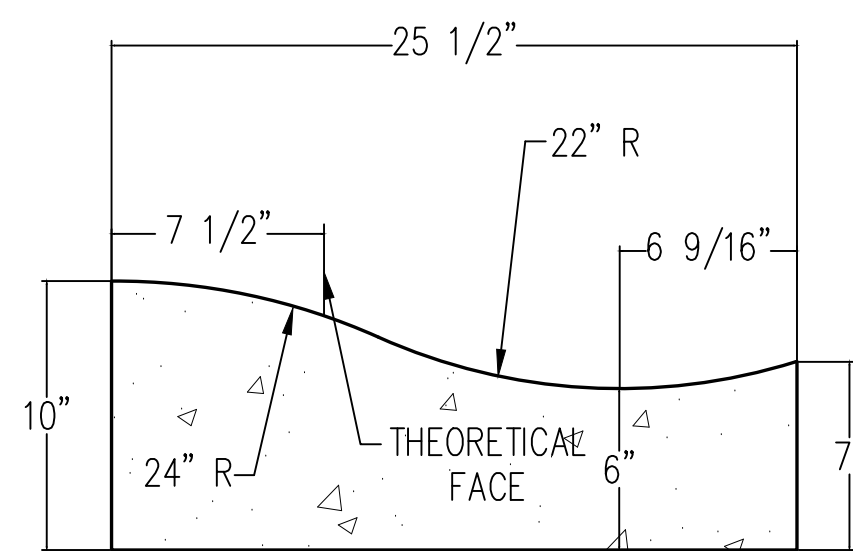
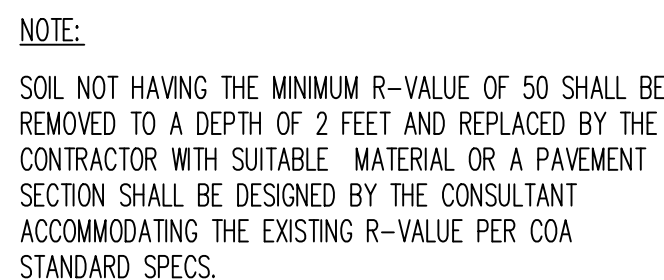
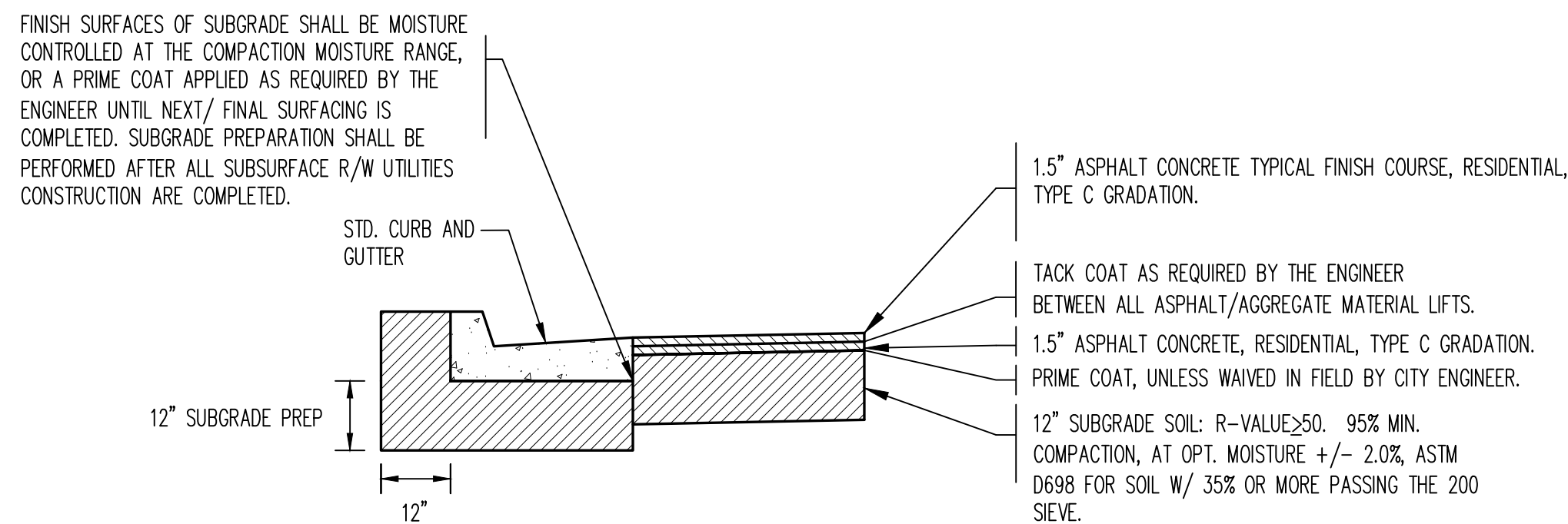
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE	Approved by Albuquerque City Engineer May 21, 2021	LAST DESIGN UPDATE	

CITY PROJECT NO. **775464** ZONE MAP NO. **R-15,16,S-16** SHEET **11** OF **25**






1. SOIL NOT HAVING THE MINIMUM R-VALUE ≥ 50 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER COA STANDARD SPECS.
2. FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACT MOISTURE RANGE, OR A PRIME COAT APPLIED, AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

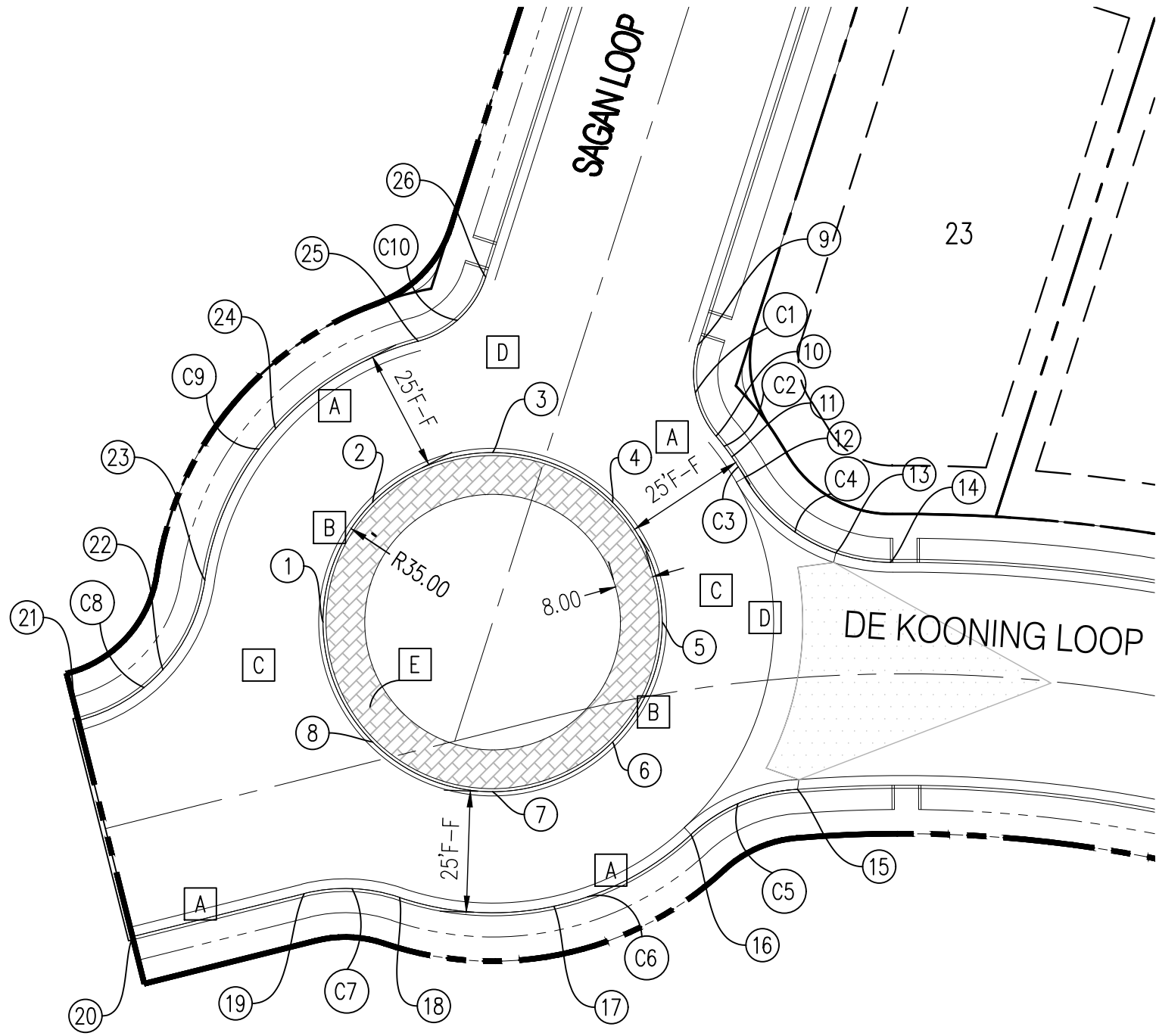
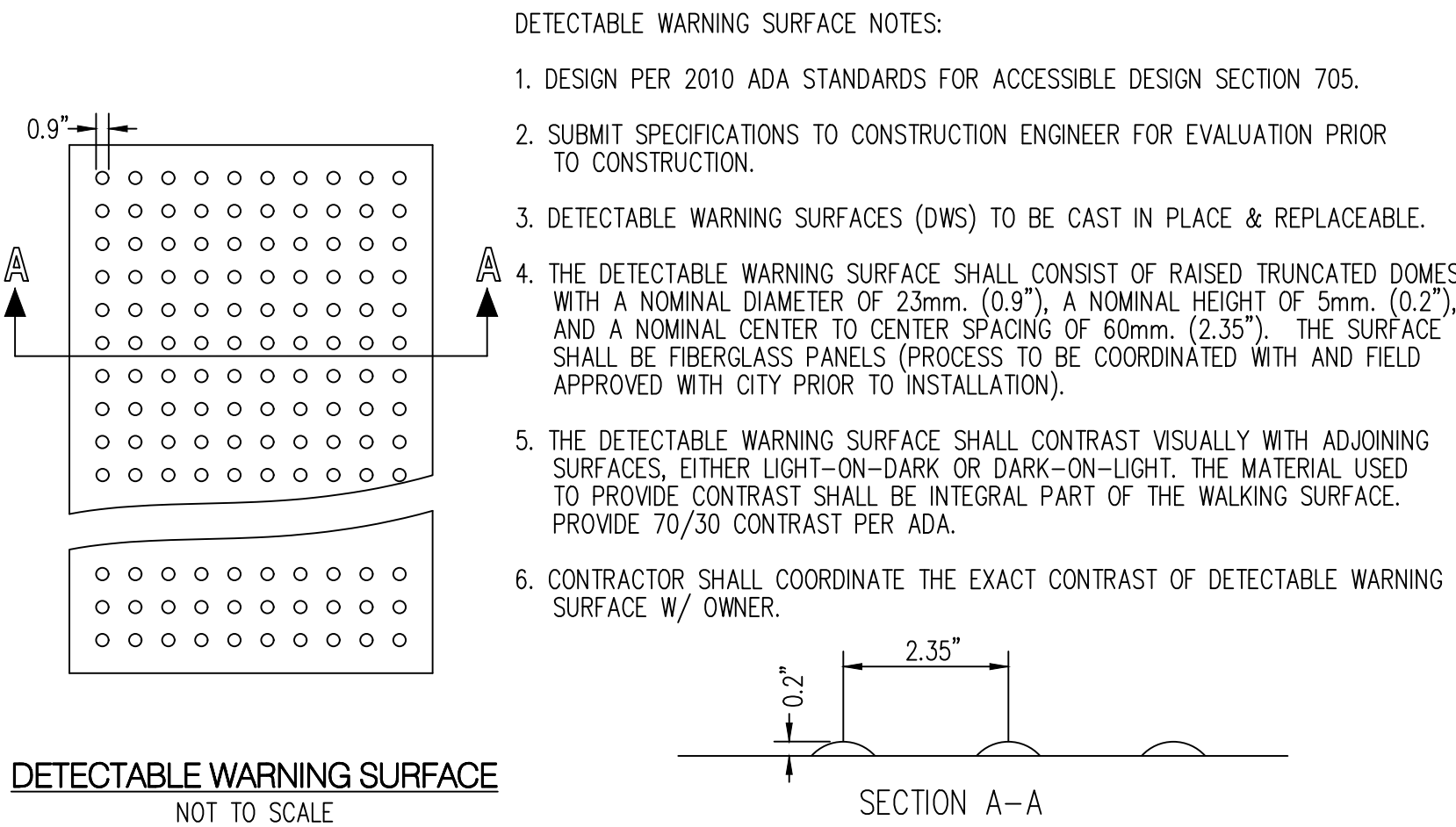
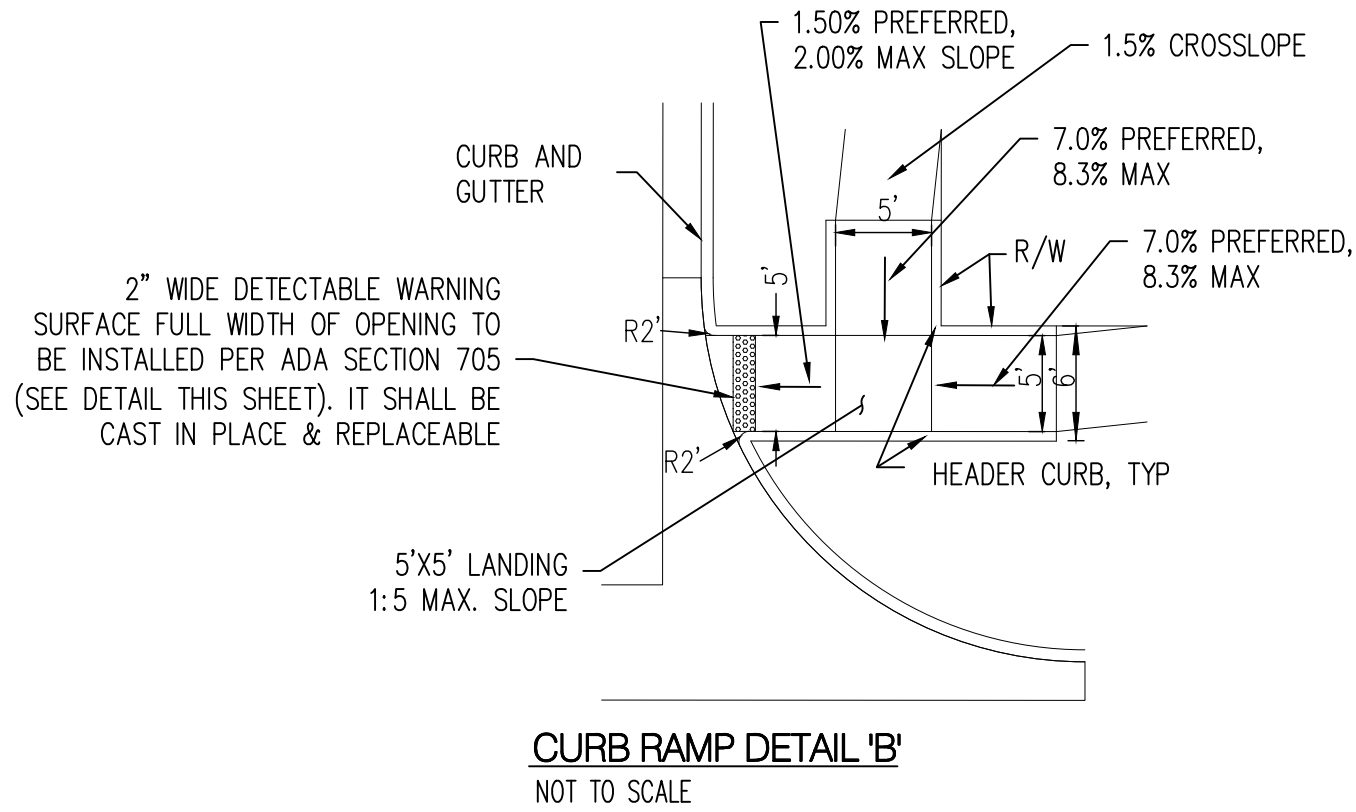
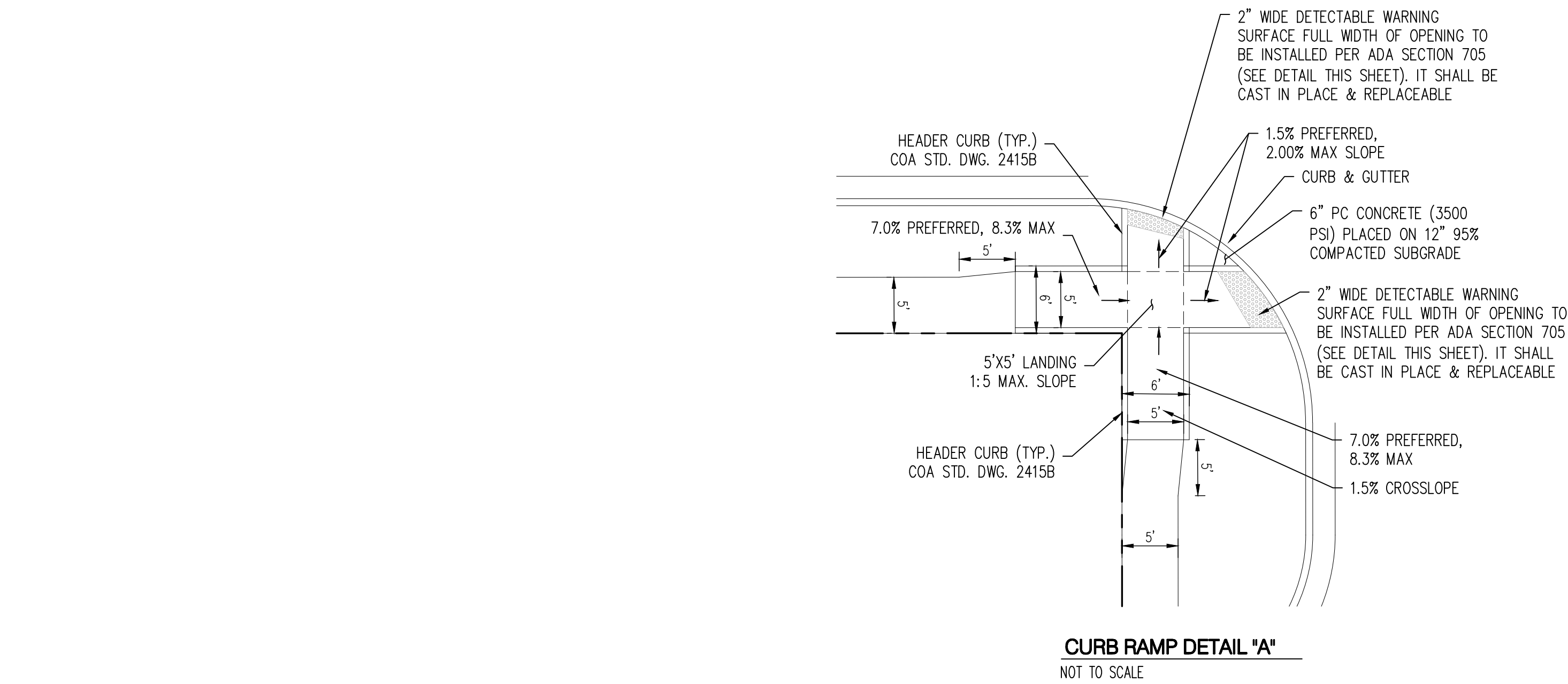


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MONTAGE UNIT 4B
PAVING DETAILS

	CITY ENGINEER APPROVAL Approved by Albuquerque City Engineer May 21, 2021	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	775465	ZONE MAP NO. R-15,16,S-16	SHEET 13	OF 25

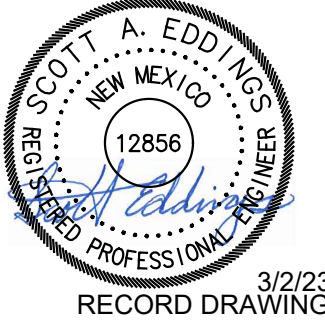


- ☐ KEYED NOTES
- A. BUILD 8" STANDARD CURB & GUTTER PER COA STD DWG 2415A
 - B. BUILD MEDIAN CURB & GUTTER PER COA STD DWG 2415A
 - C. BUILD RESIDENTIAL PAVEMENT PER RESIDENTIAL LOCAL STREET SECTION A, SHEET 13
 - D. INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD DWG2420
 - E. 8" TINTED RED THICK CONCRETE TRUCK APRON

TRAFFIC CIRCLE DETAIL
SAGAN LOOP/DEKOONING LOOP
SCALE: 1" = 30'

Traffic Circle Point Table			
○	EASTING	NORTHING	ELEVATION
1	1529412.81	1451112.53	5310.00
2	1529423.06	1451137.28	5309.80
3	1529447.81	1451147.53	5309.59
4	1529472.55	1451137.28	5309.59
5	1529482.81	1451112.53	5309.75
6	1529472.55	1451087.78	5309.91
7	1529447.81	1451077.53	5310.00
8	1529423.06	1451087.78	5310.08
9	1529490.21	1451169.82	5309.27
10	1529493.90	1451150.94	5309.35
11	1529497.14	1451146.68	5309.38
12	1529499.83	1451142.42	5309.40
13	1529518.62	1451126.82	5309.50
14	1529529.90	1451124.86	5309.59
15	1529510.71	1451078.01	5309.79
16	1529488.73	1451068.65	5309.83
17	1529460.45	1451053.88	5310.13
18	1529428.61	1451055.68	5310.23
19	1529408.90	1451056.47	5310.31
20	1529373.48	1451047.60	5309.72
21	1529362.30	1451092.22	5309.72
22	1529379.76	1451102.71	5309.83
23	1529388.43	1451121.14	5309.94
24	1529403.01	1451152.45	5309.65
25	1529432.44	1451170.53	5309.35
26	1529446.38	1451183.79	5309.27

Traffic Circle Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	20.07'	20.00'	57°29'11"	10.97'
C2	5.36'	60.00'	05°06'50"	2.68'
C3	5.04'	60.00'	04°48'39"	2.52'
C4	36.45'	35.01'	59°38'26"	20.07'
C5	24.38'	35.10'	39°48'20"	12.71'
C6	64.58'	60.00'	61°39'57"	35.81'
C7	19.99'	35.00'	32°43'42"	10.28'
C8	41.34'	35.00'	67°40'37"	23.46'
C9	70.07'	60.00'	66°54'27"	39.64'
C10	20.07'	20.00'	57°29'11"	10.97'



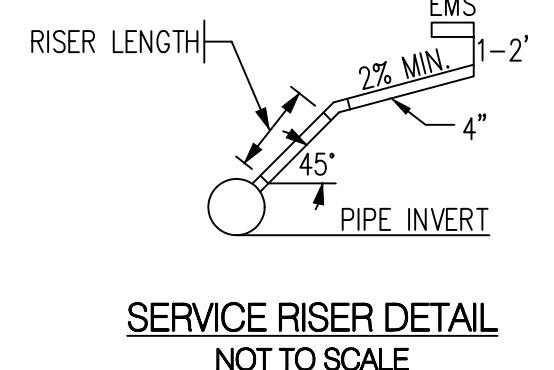
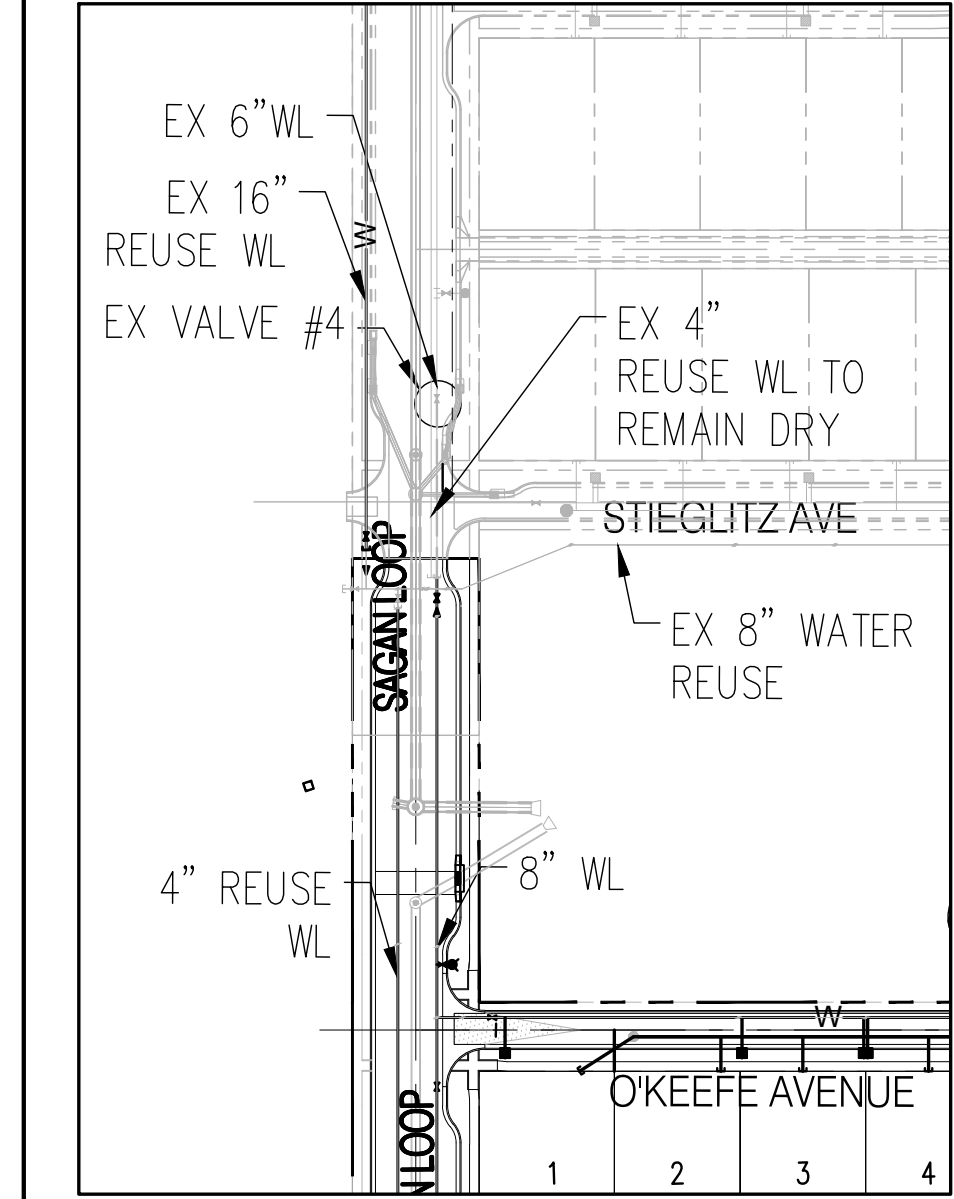
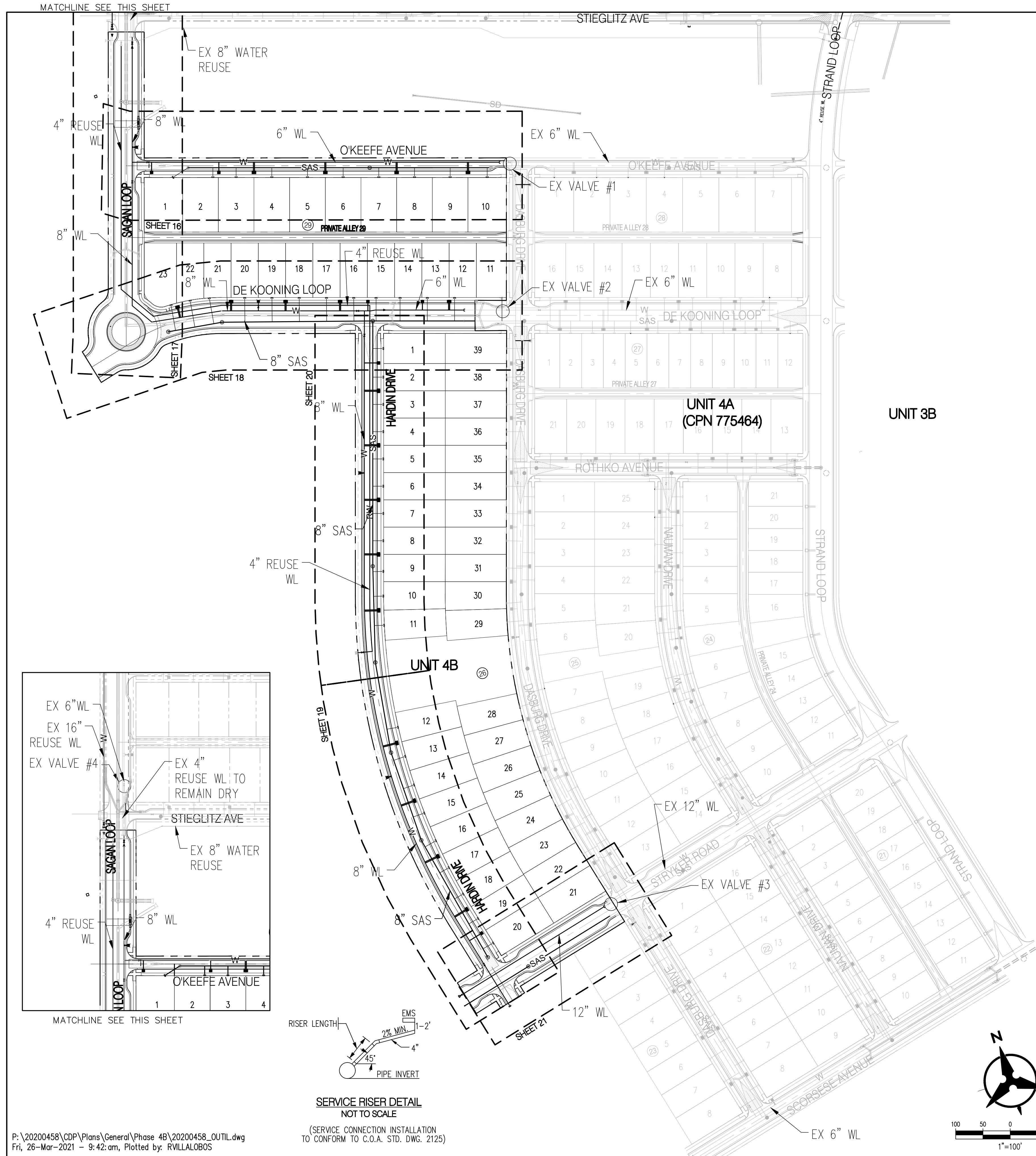
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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
PAVING DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE	Approved by Albuquerque City Engineer May 21, 2021		
LAST DESIGN UPDATE			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
775465	R-15,16,S-16	14	25



P:\20200458\CDP\Plans\General\Phase 4B\20200458_OUTIL.dwg
Fri, 26-Mar-2021 - 9:42:am, Plotted by: RVILLALOBOS

WATER SHUT-OFF PLAN:

FOR CONNECTION	VALVES CLOSED
O'KEEFE AVENUE	VALVE #1
DEKONING LOOP	VALVE #2
STRYKER RD	VALVE #3
SAGAN LOOP	VALVE #4

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE ABCWA.

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFFS REQUESTS MUST BE MADE ONLINE AT [HTTP://WWW.ABCMJA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEDURES.ASPX](http://www.abcmja.org/WATER_SHUT_OFF_AND_TURN_ON_PROCEDURES.ASPX)

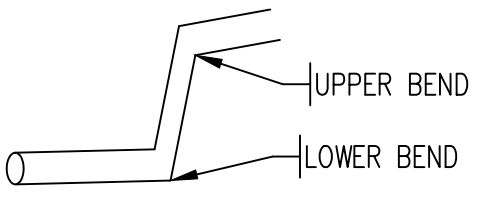
CONTRACTOR SHALL ASBUILT ALL SANITARY SEWER SLOPES ON ASBUILT DRAWINGS

PRIVATE BACKFLOW PREVENTER DEVICES SHALL BE INSTALLED ON ALL LOT SERVICE CONNECTIONS WHERE THE FINISHED FLOOR ELEVATION IS BELOW THAT OF THE UPSTREAM MANHOLE RIM ELEVATION.

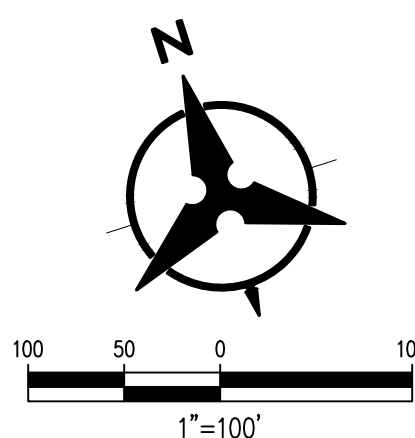
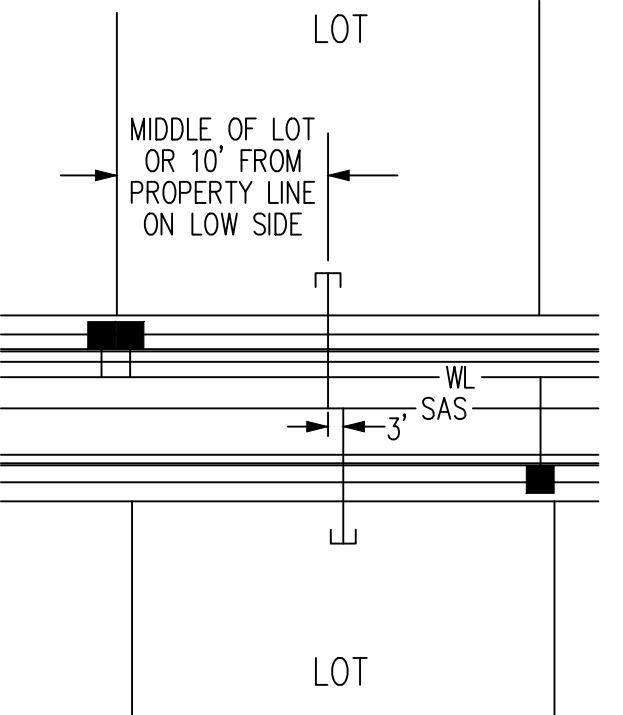
RESTRAINED JOINT TABLE

FITTING	LENGTH TO BE RESTRAINED			
	(4")	(6")	(8")	(12")
6" x 6" x 6" TEE		1		
8" x 8" x 4" TEE	1			
8" x 8" x 6" TEE		1		
8" x 8" x 8" TEE			4	
12" x 12" x 12" TEE				18
12" x 12" x 8" TEE			1	
12" x 12" x 6" TEE		1		
11.25" BEND	1	2	3	4
22.5" BEND	3	4	5	7
45" BEND	6	8	11	15
90" BEND	15	20	27	37
VALVE/DEAD END	39	55	73	104
6" x 4" REDUCER		29		
8" x 6" REDUCER			31	
12" x 6" REDUCER				75
12" x 8" REDUCER				55

- NOTE:
- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
 - THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
 - THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
 - THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
 - ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
 - RESTRAINED LENGTH IS ON LARGE SIDE ON ALL REDUCERS.
 - RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



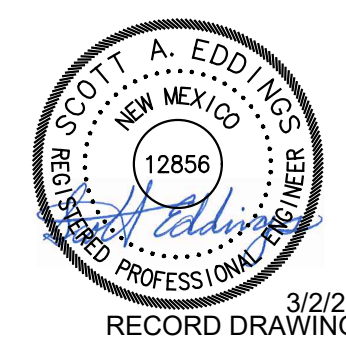
REFERENCE:
WATER AND SANITARY SEWER AVAILABILITY STATEMENT #200309



- GENERAL NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESIS) OTHERWISE SPECIFIED.
 - GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 - CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND E.M.S. AT THE END OF EACH SANITARY SEWER SERVICE.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 - MH RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
 - SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
 - FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
 - FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
 - ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
 - SLOPES FOR PIPES ARE CALCULATED ON THE 20 LENGTH OF PIPE FROM CENTERLINE OF MANHOLE TO CENTERLINE OF MANHOLE.

LEGEND

PROPOSED CURB AND GUTTER	=====
EXISTING CURB AND GUTTER	=====
FUTURE CURB AND GUTTER	=====
PROPOSED STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN MANHOLE	⊙
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	⊕
PROPOSED GATE VALVE	⊗
EXISTING GATE VALVE	⊗
PROPOSED STORM DRAIN	SD
PROPOSED SANITARY SEWER	SAS
PROPOSED WATER LINE	W
STORM DRAIN INLET	⌒
STORM DRAIN CULVERT	⌒
EXISTING STORM DRAIN	SD
EXISTING SANITARY SEWER	SAS
EXISTING WATER LINE	W



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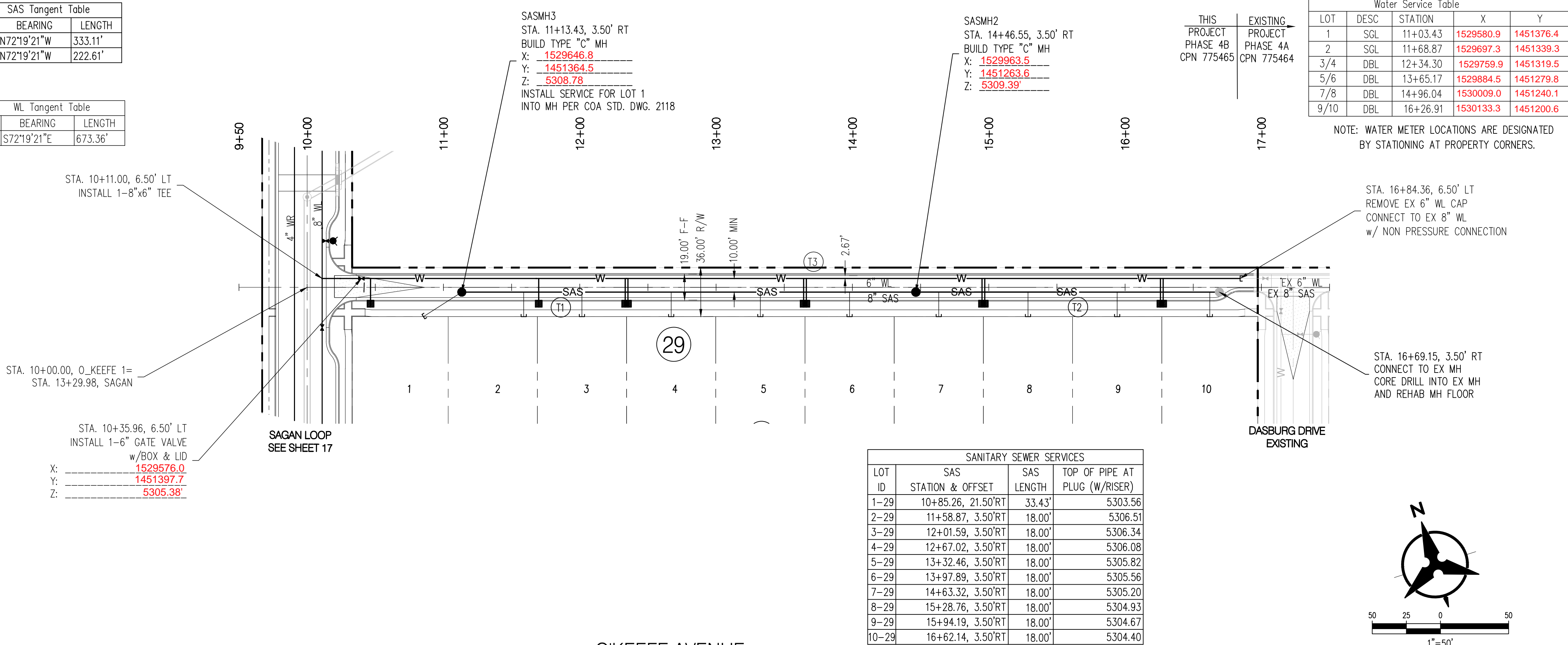
MONTAGE UNIT 4B
OVERALL UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
	Approved by Albuquerque City Engineer May 21, 2021	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
775465	R-15,16,S-16	15	25

SAS Tangent Table		
ID	BEARING	LENGTH
T1	N72°19'21"W	333.11'
T2	N72°19'21"W	222.61'

WL Tangent Table		
ID	BEARING	LENGTH
T3	S72°19'21"E	673.36'



STA. 10+35.96, 6.50' LT
INSTALL 1-6" GATE VALVE
w/BOX & LID
X: 1529576.0
Y: 1451397.7
Z: 5305.38'

STA. 10+11.00, 6.50' LT
INSTALL 1-8"x6" TEE

STA. 10+00.00, 0' KEEFE 1=
STA. 13+29.98, SAGAN

SASM3
STA. 11+13.43, 3.50' RT
BUILD TYPE "C" MH
X: 1529646.8
Y: 1451364.5
Z: 5308.78
INSTALL SERVICE FOR LOT 1
INTO MH PER COA STD. DWG. 2118

SASM2
STA. 14+46.55, 3.50' RT
BUILD TYPE "C" MH
X: 1529963.5
Y: 1451263.6
Z: 5309.39'

THIS PROJECT
PHASE 4B
CPN 775465

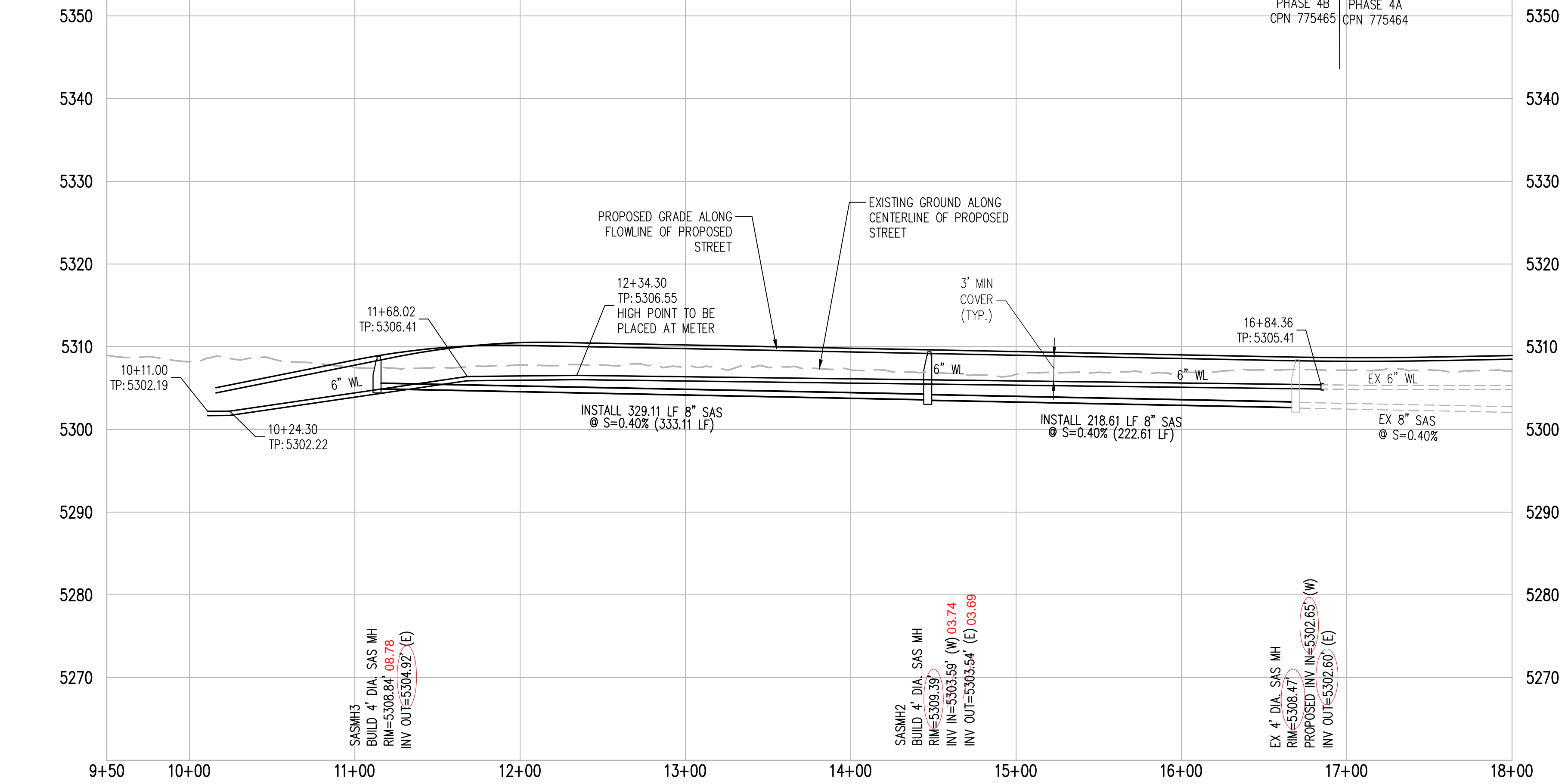
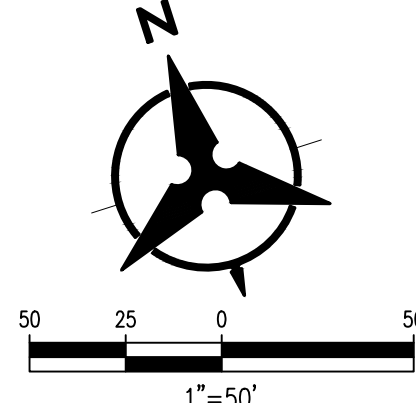
EXISTING PROJECT
PHASE 4A
CPN 775464

Water Service Table				
LOT	DESC	STATION	X	Y
1	SGL	11+03.43	1529580.9	1451376.4
2	SGL	11+68.87	1529697.3	1451339.3
3/4	DBL	12+34.30	1529759.9	1451319.5
5/6	DBL	13+65.17	1529884.5	1451279.8
7/8	DBL	14+96.04	1530009.0	1451240.1
9/10	DBL	16+26.91	1530133.3	1451200.6

NOTE: WATER METER LOCATIONS ARE DESIGNATED
BY STATIONING AT PROPERTY CORNERS.

STA. 16+84.36, 6.50' LT
REMOVE EX 6" WL CAP
CONNECT TO EX 8" WL
w/ NON PRESSURE CONNECTION

STA. 16+69.15, 3.50' RT
CONNECT TO EX MH
CORE DRILL INTO EX MH
AND REHAB MH FLOOR



SASM3
BUILD 4" DIA. SAS MH
RM=5308.84 (08.78)
INV IN=5303.39' (W) 03.74
INV OUT=5304.92' (E)

SASM2
BUILD 4" DIA. SAS MH
RM=5309.39' (W) 03.74
INV IN=5303.39' (W) 03.74
INV OUT=5303.54' (E) 03.68

EX 4" DIA. SAS MH
RM=5308.47' (W) 03.74
PROPOSED INV IN=5302.65' (W)
INV OUT=5302.60' (E)

NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
- AT UTILITY CROSSINGS WHERE LESS THAN 1.5 FOOT OF SEPARATION FROM STORM DRAIN PIPE OR MANHOLE IS PRESENT LEAN FILL IS TO BE USED 1) FOR A DISTANCE OF 5 FEET ON EACH SIDE OF THE SD & FROM TOP OF STORM DRAIN TO BOTTOM OF SANITARY SEWER OR WATER LINE OR 2) FOR 10 FEET ALONG SANITARY SEWER OR WATER LINE CENTERED ON THE MANHOLE WITH DEPTH EQUAL TO 2X SEWER OR WATER LINE DIAMETER.
- REMOVAL OF THE EXISTING CURB AND GUTTER TO NEAREST JOINT.
- DEFLECTION PIPE 1/3 OF ALLOWABLE MANUFACTURER SPECIFICATION. A VERTICAL & HORIZONTAL DEFLECTION SHALL NOT OCCUR AT SAME POINT.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

SAS LINE TO BE PVC (SDR-35)
WATER LINE TO BE C900-PVC (DR-18).
ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)
WATER REUSE C900 (PURPLE PIPE)

ALL VALVES AND BENDS TO BE RESTRAINED WITH RESTRAINING JOINT UNLESS OTHERWISE NOTED.

VALVES	PER STD. DWG.	2326 & 2328
MANHOLES	PER STD. DWG.	2101 & 2102
WATER SERVICE	PER STD. DWG.	2361, 2362 & 2368
SAS SERVICE	PER STD. DWG.	2125
TRACER WIRE	PER STD. DWG.	2190, 2191, 2302, 2303, 2324, 2325, 2365 & 2342

VISIT http://www.abcwua.org/For_Builders.aspx FOR STANDARD DRAWINGS

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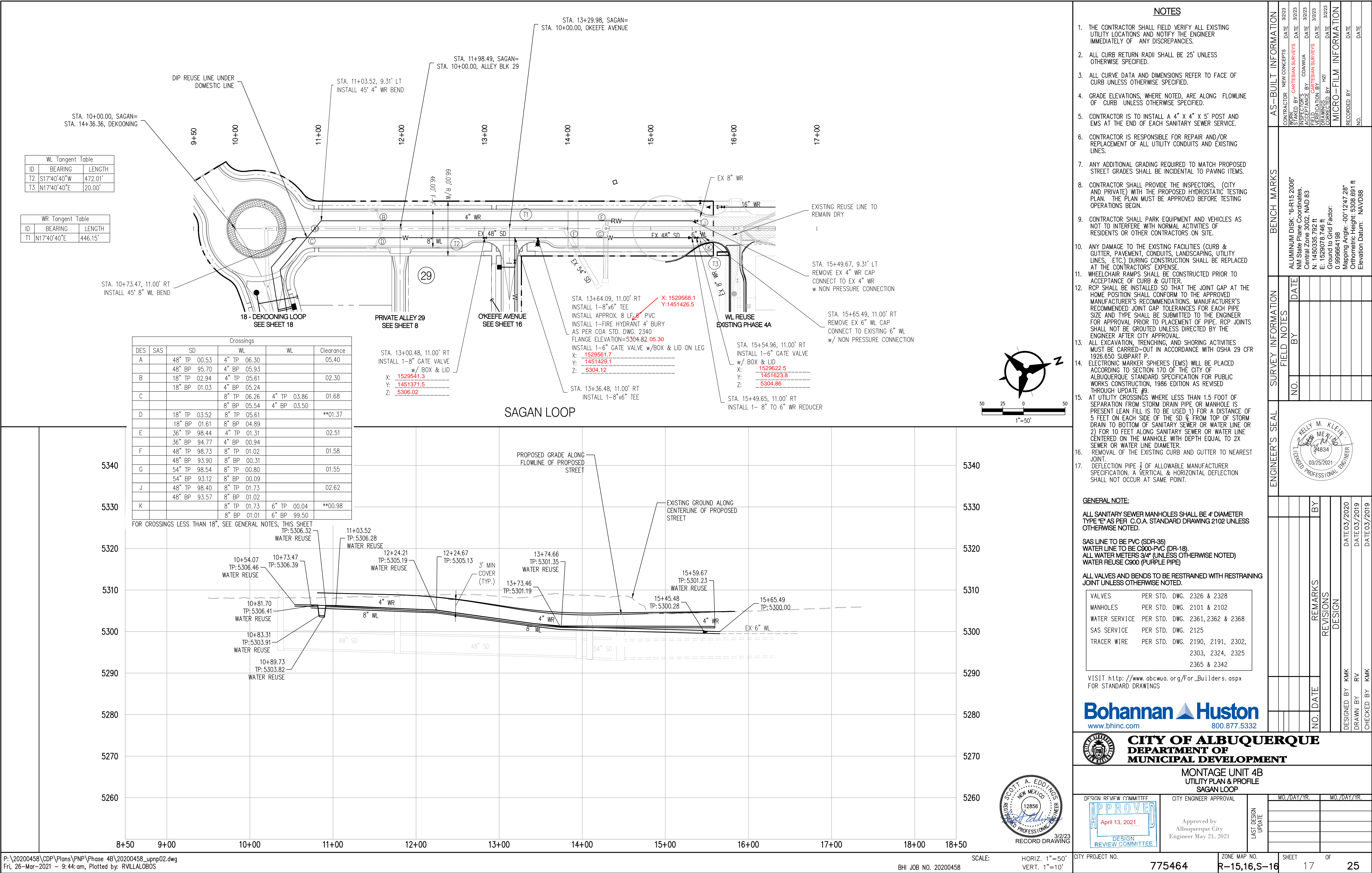
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
UTILITY PLAN & PROFILE
O'KEEFE AVENUE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE	Approved by Albuquerque City Engineer May 21, 2021		

LAST DESIGN UPDATE	NO.	DATE	REVISIONS	BY
			DESIGN	

DESIGNED BY	DRAWN BY	CHECKED BY	DATE
KMK	RV	KMK	03/20/2020
			03/20/2019
			03/20/2019



ID	BEARING	LENGTH
T9	N72°19'20"W	33.64'
T10	N32°22'50"W	33.15'
T11	S81°24'48"E	126.03'
T12	S72°19'20"E	272.65'

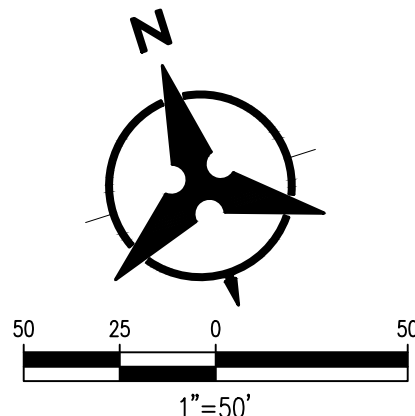
WM SERVICE TABLE				
LOT	DESC	STATION	X	Y
23/22	DBL	15+47.48	1529548.4	1451127.1
21/20	DBL	16+40.06	1529647.7	1451107.0
19/18	DBL	17+40.07	1529742.8	1451076.7
17/16	DBL	18+40.07	1529838.2	1451046.2
15	SGL	18+90.07	1529886.2	1451030.9
14	SGL	19+90.07	1529981.2	1451000.7
13/12	DBL	20+40.08	1530028.9	1450985.6
11	SGL		1530076.6	1450970.2

STA. 14+36.36, DEKOONING=
STA. 10+00.00, SAGAN

5350

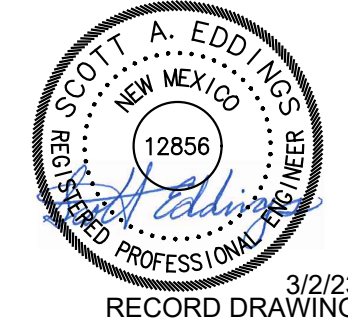
5340

5330



DEKOONING LOOP

THIS PROJECT PHASE 4B CPN 775465	EXISTING PROJECT PHASE 4A CPN 775464
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NOTES

- GENERAL NOTE:**
- ALL SANITARY SEWER MAN-HOLES SHALL BE 4" DIAMETER
TYPE "E" AS PER C.O.A. STANDARD DRAWING 2102 UNLESS
OTHERWISE NOTED.
- SAS LINE TO BE PVC (SDR-35)
WATER LINE TO BE C900-PVC (DR-18).
ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)
WATER REUSE C900 (PURPLE PIPE)
- ALL VALVES AND BENDS TO BE RESTRAINED WITH RESTRAINT
JOINT UNLESS OTHERWISE NOTED.
- | | | |
|---------------|---------------|--|
| VALVES | PER STD. DWG. | 2326 & 2328 |
| MANHOLES | PER STD. DWG. | 2101 & 2102 |
| WATER SERVICE | PER STD. DWG. | 2361, 2362 & 2368 |
| SAS SERVICE | PER STD. DWG. | 2125 |
| TRACER WIRE | PER STD. DWG. | 2190, 2191, 2302,
2303, 2324, 2325
2365 & 2342 |
- VISIT http://www.abcwua.org/For_Builders.aspx
FOR STANDARD DRAWINGS

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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4E
UTILITY PLAN & PROFILE
DEKOONING LOOP

CITY ENGINEER APPROVAL

Approved by
Albuquerque City
Engineer May 21, 2021

MO.

/YR.

	ZONE MAP NO.
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SHEET
1

2

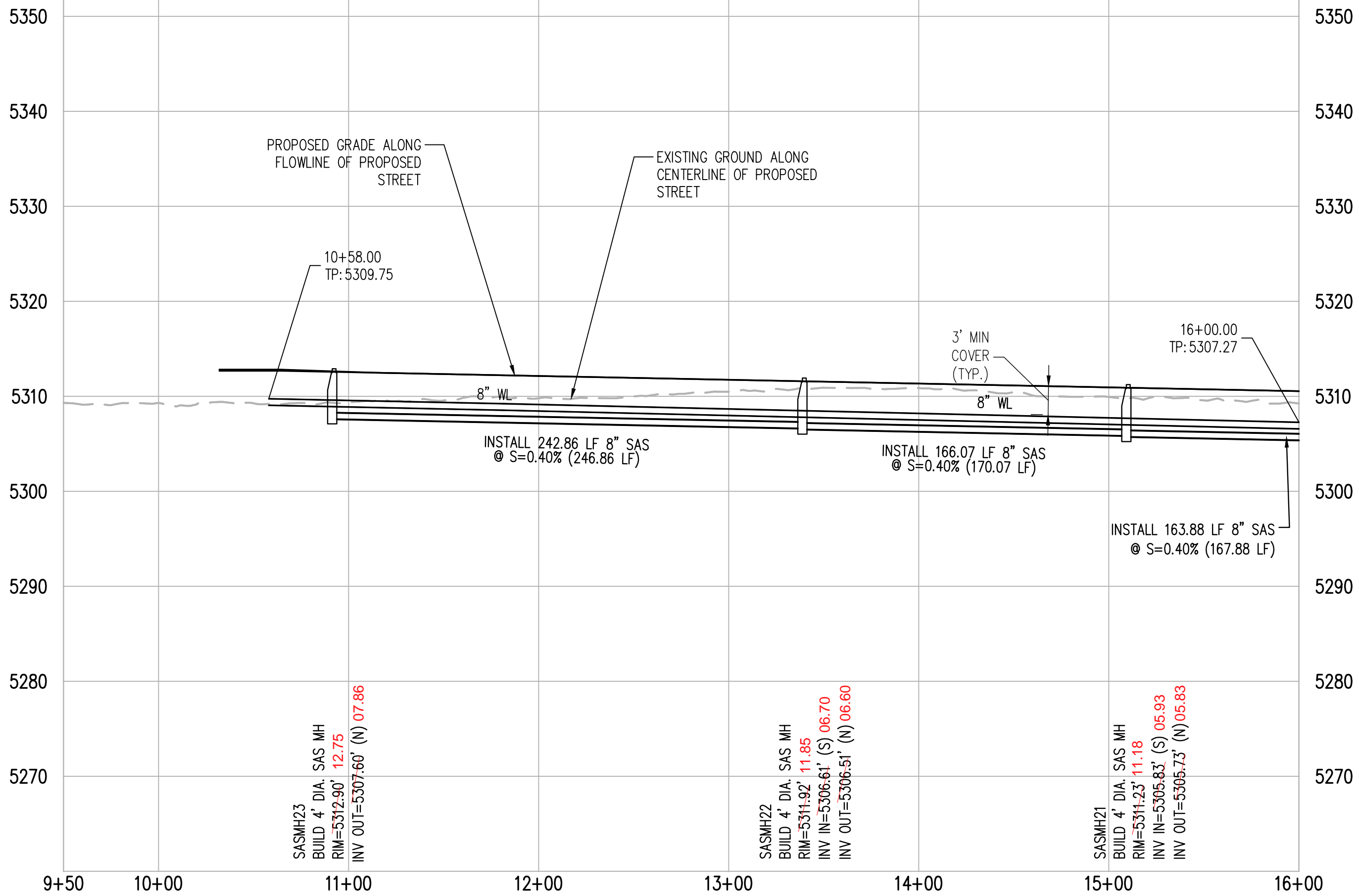
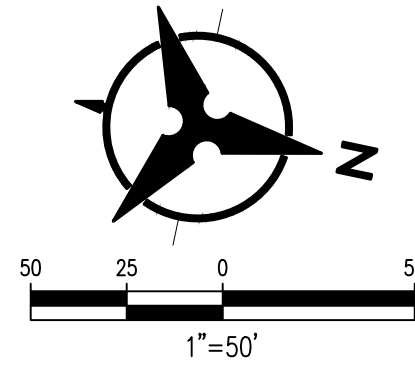
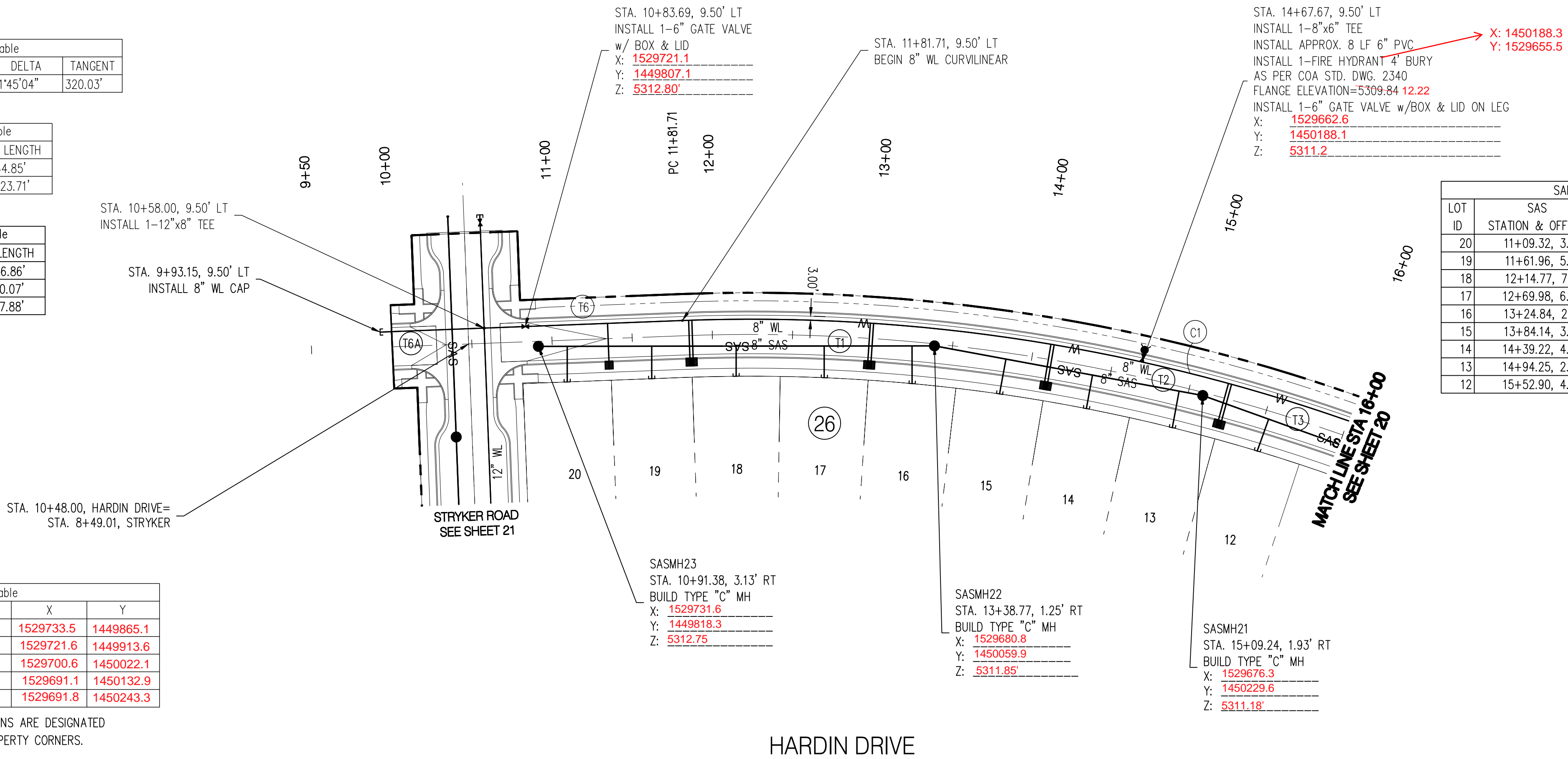
WL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	623.59'	1125.28'	31°45'04"	320.03'

ID	BEARING	LENGTH
T6A	S14°03'53"E	64.85'
T6	N14°03'53"W	123.71'

ID	BEARING	LENGTH
T1	S11°56'32"E	246.86'
T2	S01°23'44"E	170.07'
T3	S07°49'22"W	167.88'

Water Service Table				
LOT	DESC	STATION	X	Y
20	SGL	11+36.00	1529733.5	1449865.1
19/18	DBL	11+86.53	1529721.6	1449913.6
17/16	DBL	12+98.93	1529700.6	1450022.1
15/14	DBL	14+11.33	1529691.1	1450132.9
13/12	DBL	15+23.74	1529691.8	1450243.3

NOTE: WATER METER LOCATIONS ARE DESIGNATED
BY STATIONING AT PROPERTY CORNERS.



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADI SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHEN NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND EWS AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) THE PROPOSED HYDROSTATIC TESTING PLAN. THIS PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
12. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
14. ELECTRONIC MARKER SPHERES (EWS) WILL BE PLACED ACCORDING TO SECTION 17.06 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
15. AT UTILITY CROSSINGS WHERE LESS THAN 1.5 FEET OF SEPARATION FROM STORM DRAIN PIPE OR MANHOLE IS PRESENT LEAN FILL IS TO BE USED 1' FOR A DISTANCE OF 5 FEET ON EACH SIDE OF THE SD & 1' FROM TOP OF STORM DRAIN TO BOTTOM OF SANITARY SEWER OR WATER LINE OR 2' FOR 10 FEET ALONG SANITARY SEWER OR WATER LINE CENTERED ON THE MANHOLE WITH DEPTH EQUAL TO 2X SEWER OR WATER LINE DIAMETER.
16. REMOVAL OF THE EXISTING CURB AND GUTTER TO NEAREST JOINT.
17. DEFLECTION PIPE #1 OF ALLOWABLE MANUFACTURER SPECIFICATION. A VERTICAL & HORIZONTAL DEFLECTION SHALL NOT OCCUR AT SAME POINT.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER
TYPE "E" AS PER C.O.A. STANDARD DRAWING 2102 UNLESS
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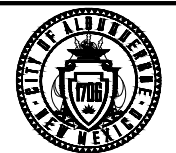
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VALVES	PER STD. DWG.	2326 & 2328
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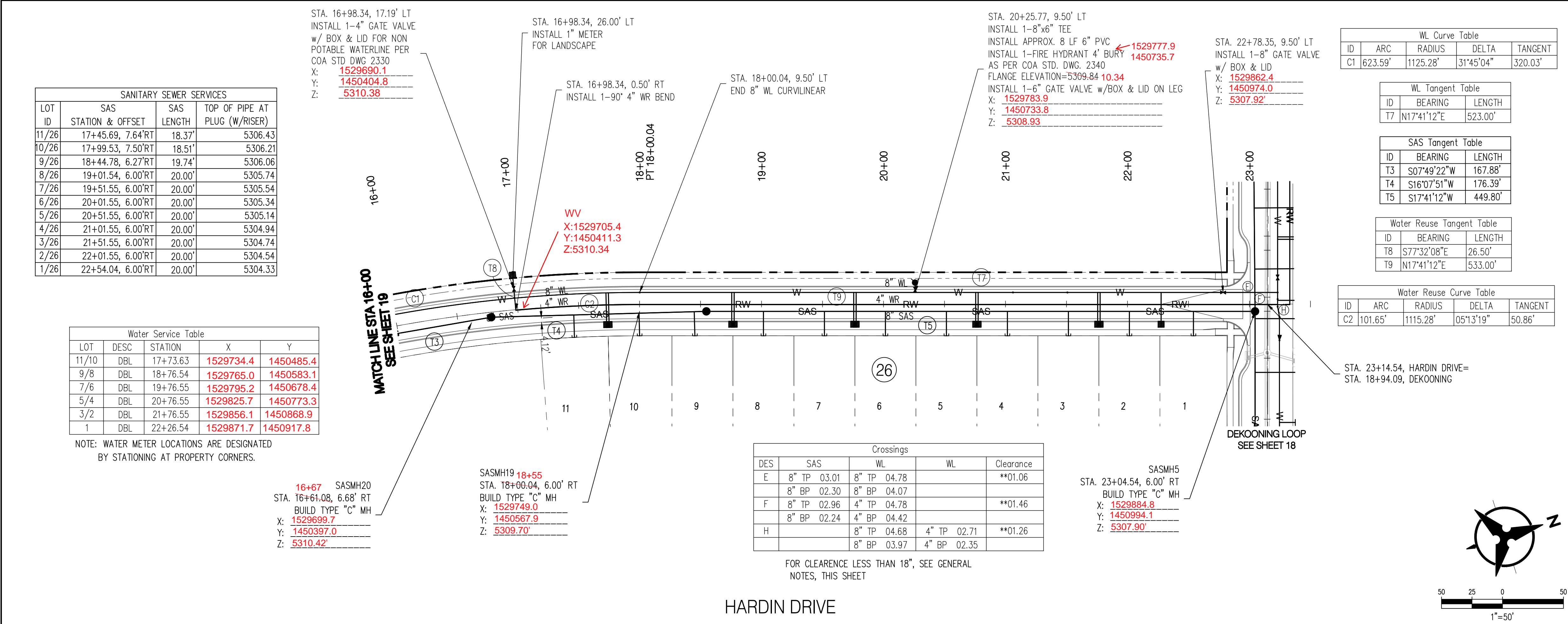


CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
UTILITY PLAN & PROFILE
HARDIN DRIVE

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PROJECT NO.	775464	ZONE MAP NO.	R-15,16,S-16	SHEET	19	OF	25
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NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B

UTILITY PLAN & PROFILE

HARDIN DRIVE

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR.

MO./DAY/YR.

APPROVED

April 13, 2021

DESIGN REVIEW COMMITTEE

Approved by Albuquerque City Engineer May 21, 2021

LAST DESIGN UPDATE

DESIGNED BY KMK

DRAWN BY RV

CHECKED BY KMK

DATE 03/2020

DATE 03/2019

DATE 03/2019

REVISIONS

REMARKS

BY

DATE

REVISIONS

REMARKS

BY

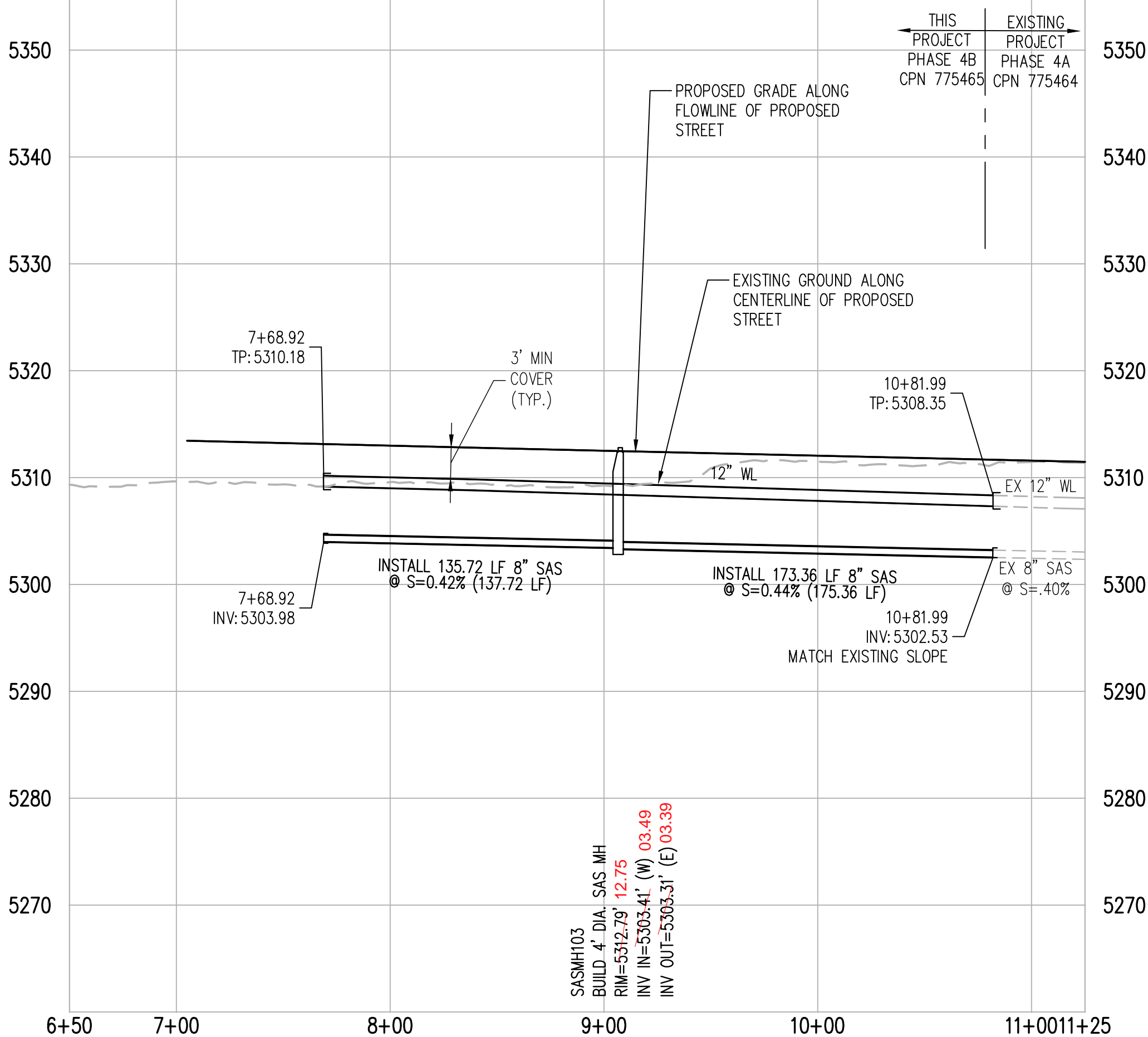
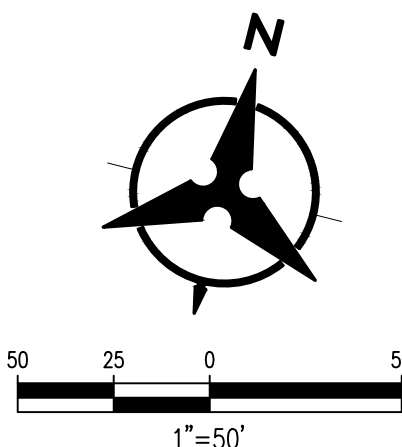
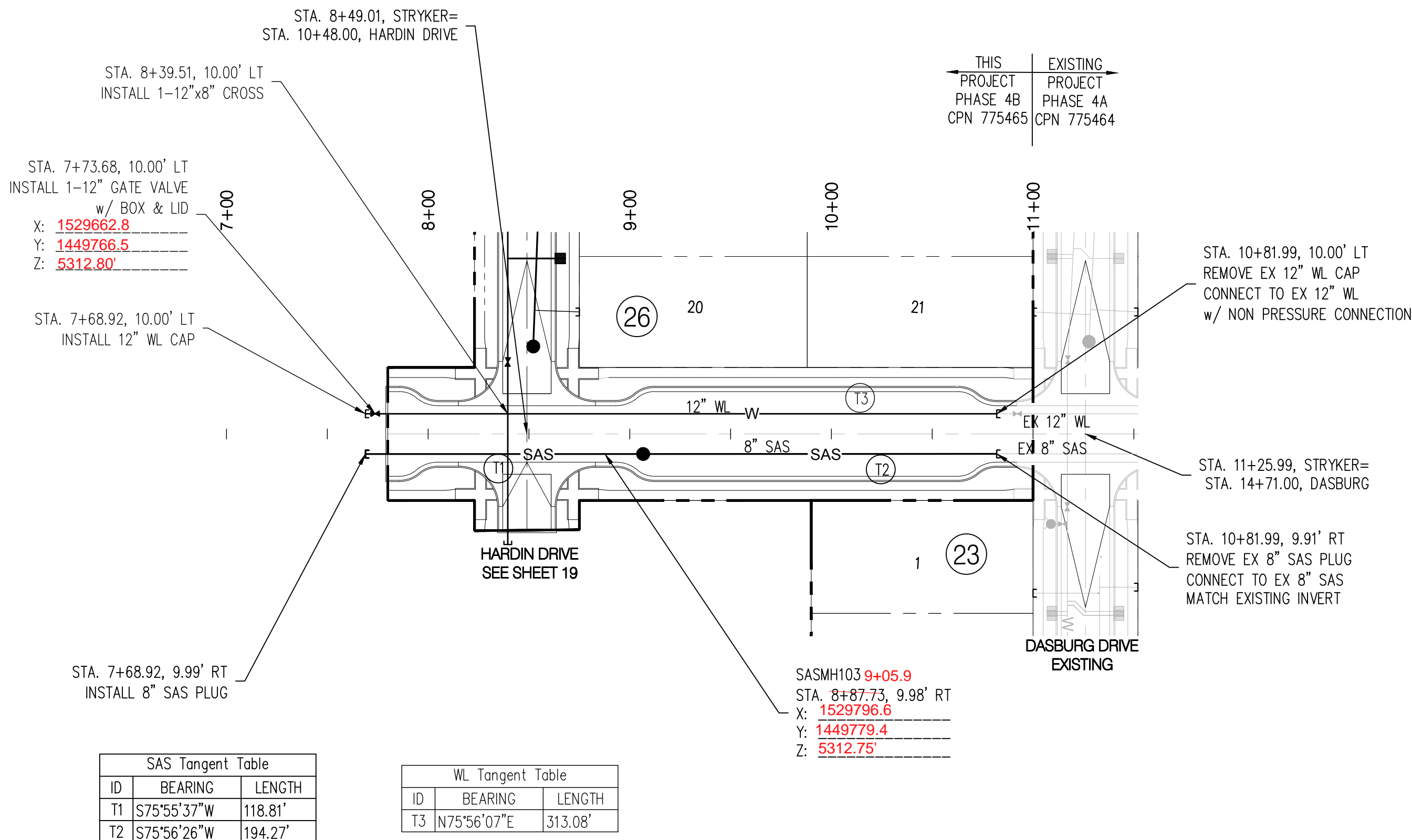
DATE

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REMARKS

BY

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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
UTILITY PLAN & PROFILE
STRYKER ROAD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE
 <p>APPROVED</p> <p>April 13, 2021</p> <p>DESIGN</p>	<p>Approved by</p> <p>Albuquerque City</p> <p>Engineer May 21, 2021</p>	

TY PROJECT NO.	775464	ZONE MAP NO.	R-15,16,S
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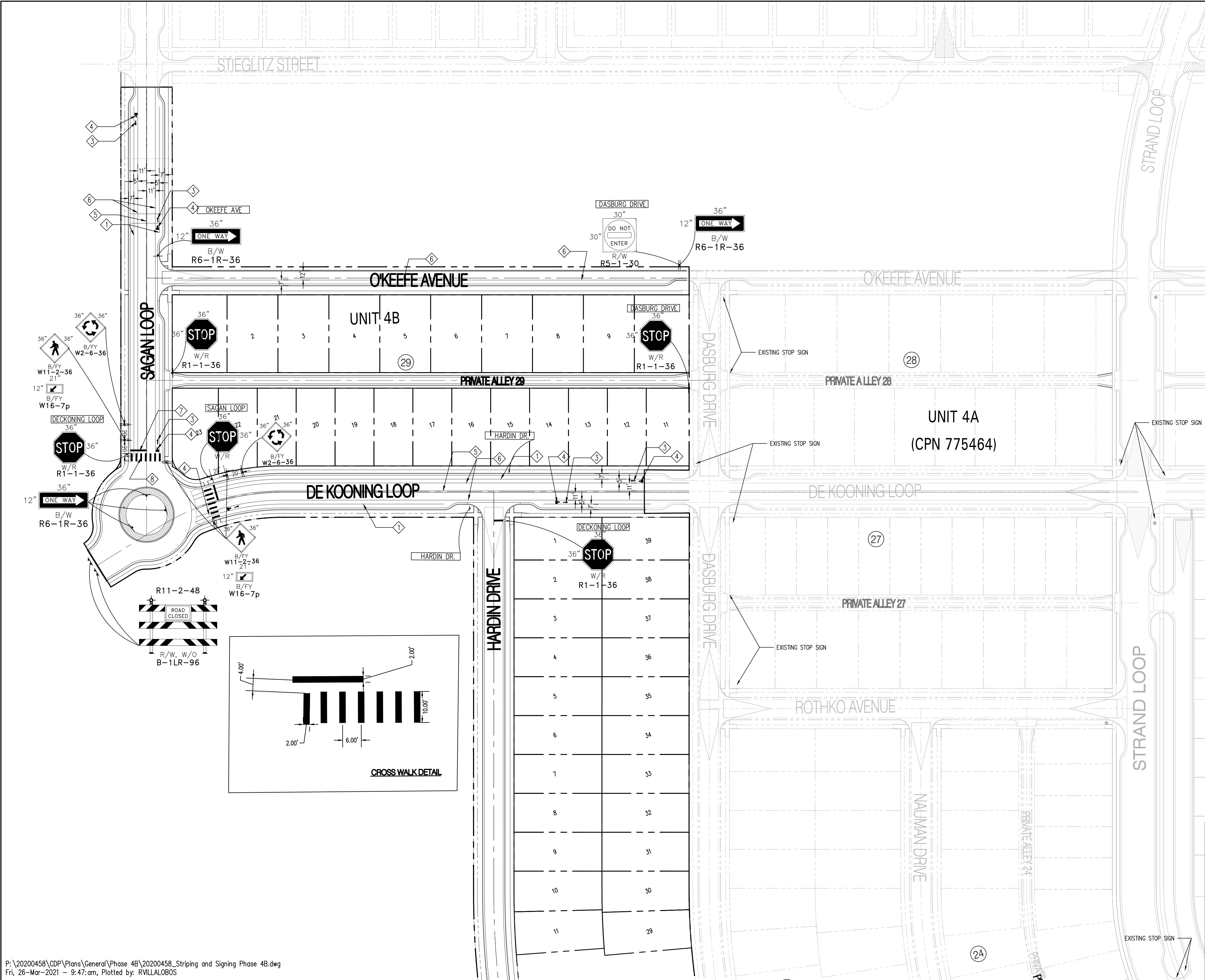
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BHI JOB NO. 20200458

SCALE: HORIZ. 1"=50'
 VERT. 1"=10'

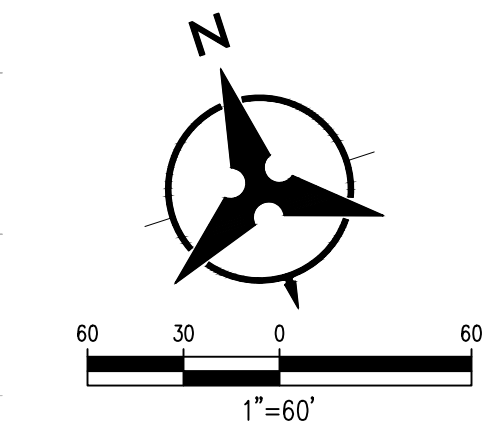
ZONE MAP NO.
R-15,16,S

21 OF 25



- STRIPING LEGEND**
- 1 REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID WHITE STRIPE
 - 2 REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" DASHED WHITE STRIPE (10' STRIPE W/ 30' GAP)
 - 3 PREFORMED THERMOPLASTIC PAVEMENT MARKING - BICYCLE ARROW (WHITE)
 - 4 PREFORMED THERMOPLASTIC PAVEMENT MARKING - BICYCLE RIDER SYMBOL (WHITE)
 - 5 REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID DOUBLE YELLOW STRIPE
 - 6 REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 6" SOLID WHITE STRIPE
 - 7 24" SOLID WHITE RETROREFLECTIVE THERMOPLASTIC PAVEMENT STRIPE
 - 8 CROSSWALK STRIPING PER DETAILS THIS SHEET

- NOTES**
- ALL SIGNING & STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.
 - MEDIAN NOSES SHALL BE PAINTED YELLOW FROM THE PC TO A PT 6' BACK FROM NOSE.
 - CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY, TO A MAX. DEPTH OF 1/4" AND A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.
 - MARKED CROSSWALKS SHALL NOT BE LESS THAN 12' WIDE.
 - IF USED, STOP BAR STRIPES SHALL BE PLACED 4' IN ADVANCE OF AND PARALLEL TO THE NEAREST CROSSWALK LINE.
 - PAVEMENT WORD AND SYMBOL MARKINGS SHOULD BE PROPORTIONALLY SCALED TO FIT WITHIN THE WIDTH OF THE FACILITY UPON WHICH THEY ARE APPLIED.



NOTES:

- PROPOSED SIGN (PER CURRENT MUTCD)

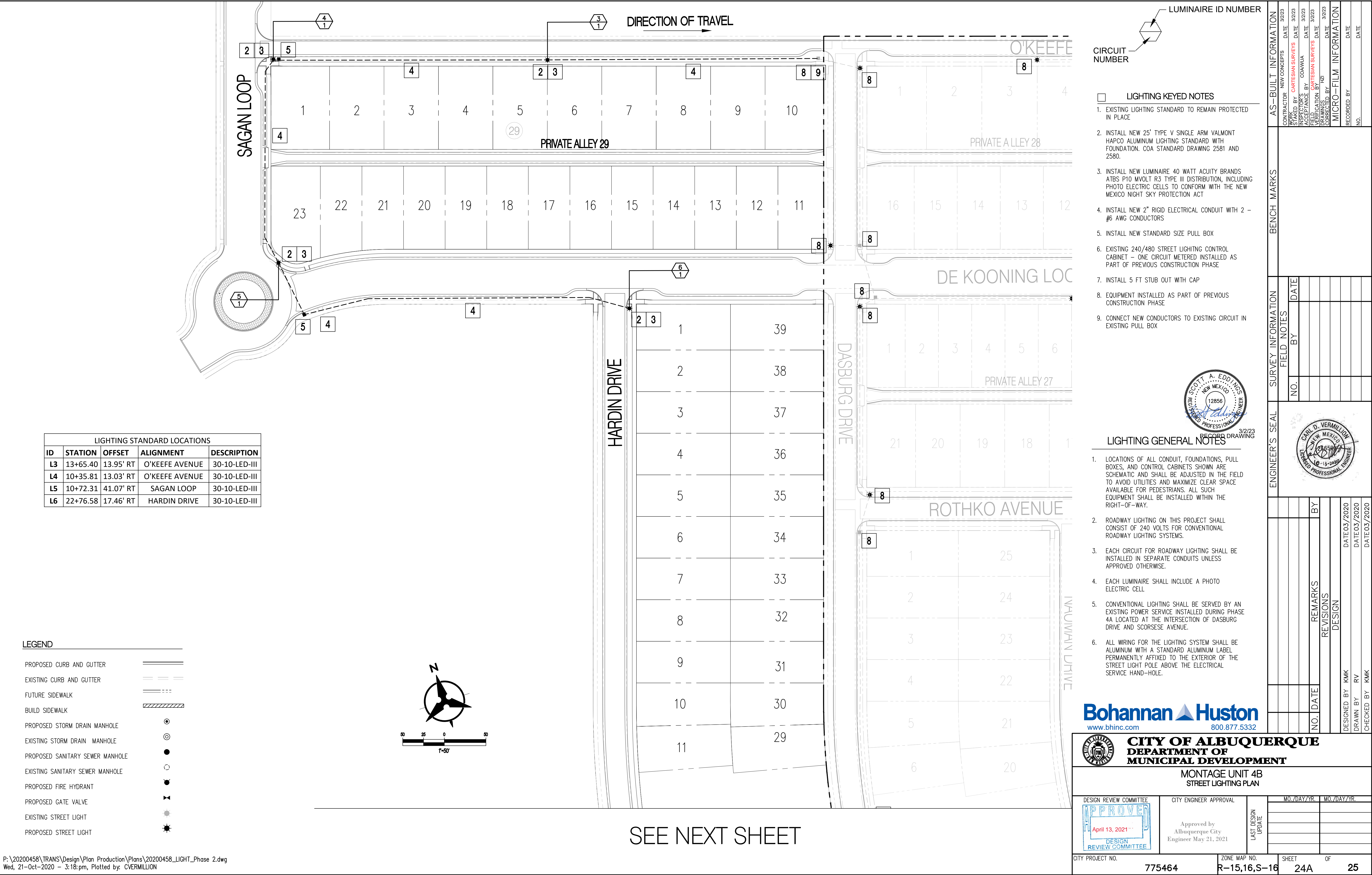
SAGAN LOOP
DASBURG DRIVE

ALL PUBLIC STREET NAME SIGNS ARE INSTALLED BY DEVELOPER.

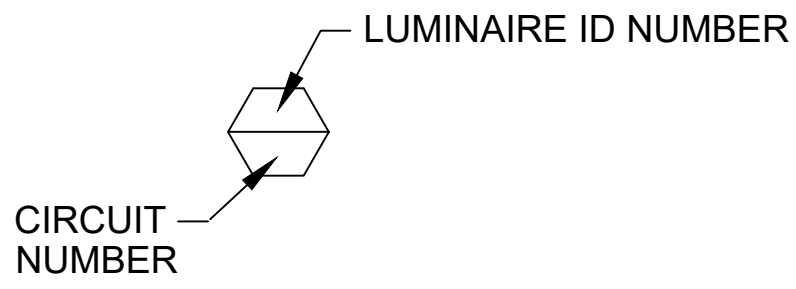
SCOTT A. EDDINGS
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
12856
3/2/23
RECORD DRAWING

Bohannon & Huston
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CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT	
MONTAGE UNIT 4B STRIPING AND SIGNING PLAN	
DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL Approved by Albuquerque City Engineer May 21, 2021
CITY PROJECT NO. 775464	ZONE MAP NO. R-15,16,S-16
SHEET 22	OF 25



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- ☐ LIGHTING KEYED NOTES
- EXISTING LIGHTING STANDARD TO REMAIN PROTECTED IN PLACE
 - INSTALL NEW 25' TYPE V SINGLE ARM VALMONT HAPCO ALUMINUM LIGHTING STANDARD WITH FOUNDATION. COA STANDARD DRAWING 2581 AND 2580.
 - INSTALL NEW LUMINAIRE 40 WATT ACUITY BRANDS ATBS P10 MVOLT R3 TYPE III DISTRIBUTION, INCLUDING PHOTO ELECTRIC CELLS TO CONFORM WITH THE NEW MEXICO NIGHT SKY PROTECTION ACT
 - INSTALL NEW 2" RIGID ELECTRICAL CONDUIT WITH 2 - #6 AWG CONDUCTORS
 - INSTALL NEW STANDARD SIZE PULL BOX
 - EXISTING 240/480 STREET LIGHTING CONTROL CABINET - ONE CIRCUIT METERED INSTALLED AS PART OF PREVIOUS CONSTRUCTION PHASE
 - INSTALL 5 FT STUB OUT WITH CAP
 - EQUIPMENT INSTALLED AS PART OF PREVIOUS CONSTRUCTION PHASE
 - CONNECT NEW CONDUCTORS TO EXISTING CIRCUIT IN EXISTING PULL BOX

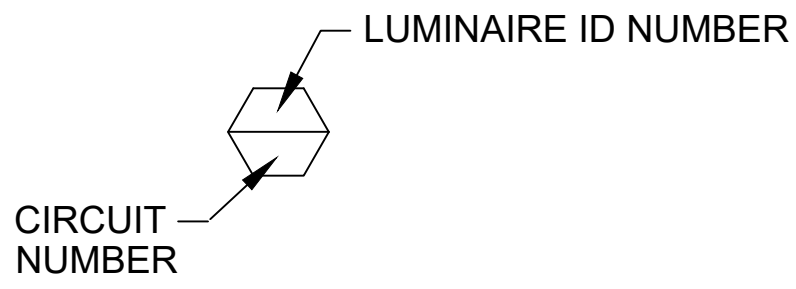
LIGHTING GENERAL NOTES

- LOCATIONS OF ALL CONDUIT, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES AND MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- ROADWAY LIGHTING ON THIS PROJECT SHALL CONSIST OF 240 VOLTS FOR CONVENTIONAL ROADWAY LIGHTING SYSTEMS.
- EACH CIRCUIT FOR ROADWAY LIGHTING SHALL BE INSTALLED IN SEPARATE CONDUITS UNLESS APPROVED OTHERWISE.
- EACH LUMINAIRE SHALL INCLUDE A PHOTO ELECTRIC CELL
- CONVENTIONAL LIGHTING SHALL BE SERVED BY AN EXISTING POWER SERVICE INSTALLED DURING PHASE 4A LOCATED AT THE INTERSECTION OF DASBURG DRIVE AND SCORSESE AVENUE.
- ALL WRING FOR THE LIGHTING SYSTEM SHALL BE ALUMINUM WITH A STANDARD ALUMINUM LABEL PERMANENTLY AFFIXED TO THE EXTERIOR OF THE STREET LIGHT POLE ABOVE THE ELECTRICAL SERVICE HAND-HOLE.

Bohannon & Huston
www.bhinc.com 800.877.5332

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
MONTAGE UNIT 4B STREET LIGHTING PLAN			
DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL Approved by Albuquerque City Engineer May 21, 2021	LAST DESIGN UPDATE	
CITY PROJECT NO. 775464	ZONE MAP NO. R-15,16,S-16	SHEET 24A	OF 25

SEE PREVIOUS SHEET

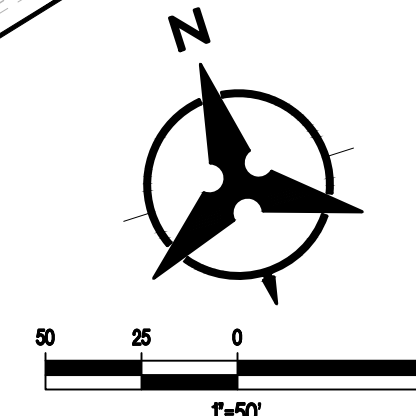
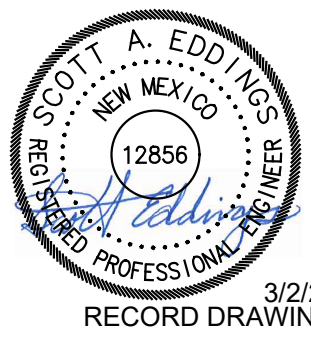


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 - CONNECT NEW CONDUCTORS TO EXISTING CIRCUIT IN EXISTING PULL BOX

- LIGHTING GENERAL NOTES**
- LOCATIONS OF ALL CONDUIT, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES AND MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
 - ROADWAY LIGHTING ON THIS PROJECT SHALL CONSIST OF 240 VOLTS FOR CONVENTIONAL ROADWAY LIGHTING SYSTEMS.
 - EACH CIRCUIT FOR ROADWAY LIGHTING SHALL BE INSTALLED IN SEPARATE CONDUITS UNLESS APPROVED OTHERWISE.
 - EACH LUMINAIRE SHALL INCLUDE A PHOTO ELECTRIC CELL
 - CONVENTIONAL LIGHTING SHALL BE SERVED BY AN EXISTING POWER SERVICE INSTALLED DURING PHASE 4A LOCATED AT THE INTERSECTION OF DASBURG DRIVE AND SCORSESE AVENUE.
 - ALL WRING FOR THE LIGHTING SYSTEM SHALL BE ALUMINUM WITH A STANDARD ALUMINUM LABEL PERMANENTLY AFFIXED TO THE EXTERIOR OF THE STREET LIGHT POLE ABOVE THE ELECTRICAL SERVICE HAND-HOLE.

- LEGEND**
- PROPOSED CURB AND GUTTER
 - EXISTING CURB AND GUTTER
 - FUTURE SIDEWALK
 - BUILD SIDEWALK
 - PROPOSED STORM DRAIN MANHOLE
 - EXISTING STORM DRAIN MANHOLE
 - PROPOSED SANITARY SEWER MANHOLE
 - EXISTING SANITARY SEWER MANHOLE
 - PROPOSED FIRE HYDRANT
 - PROPOSED GATE VALVE
 - EXISTING STREET LIGHT
 - PROPOSED STREET LIGHT

LIGHTING STANDARD LOCATIONS				
ID	STATION	OFFSET	ALIGNMENT	DESCRIPTION
L1	10+84.87	17.37' LT	HARDIN DRIVE	30-10-LED-III
L2	16+32.55	17.69' RT	HARDIN DRIVE	30-10-LED-III

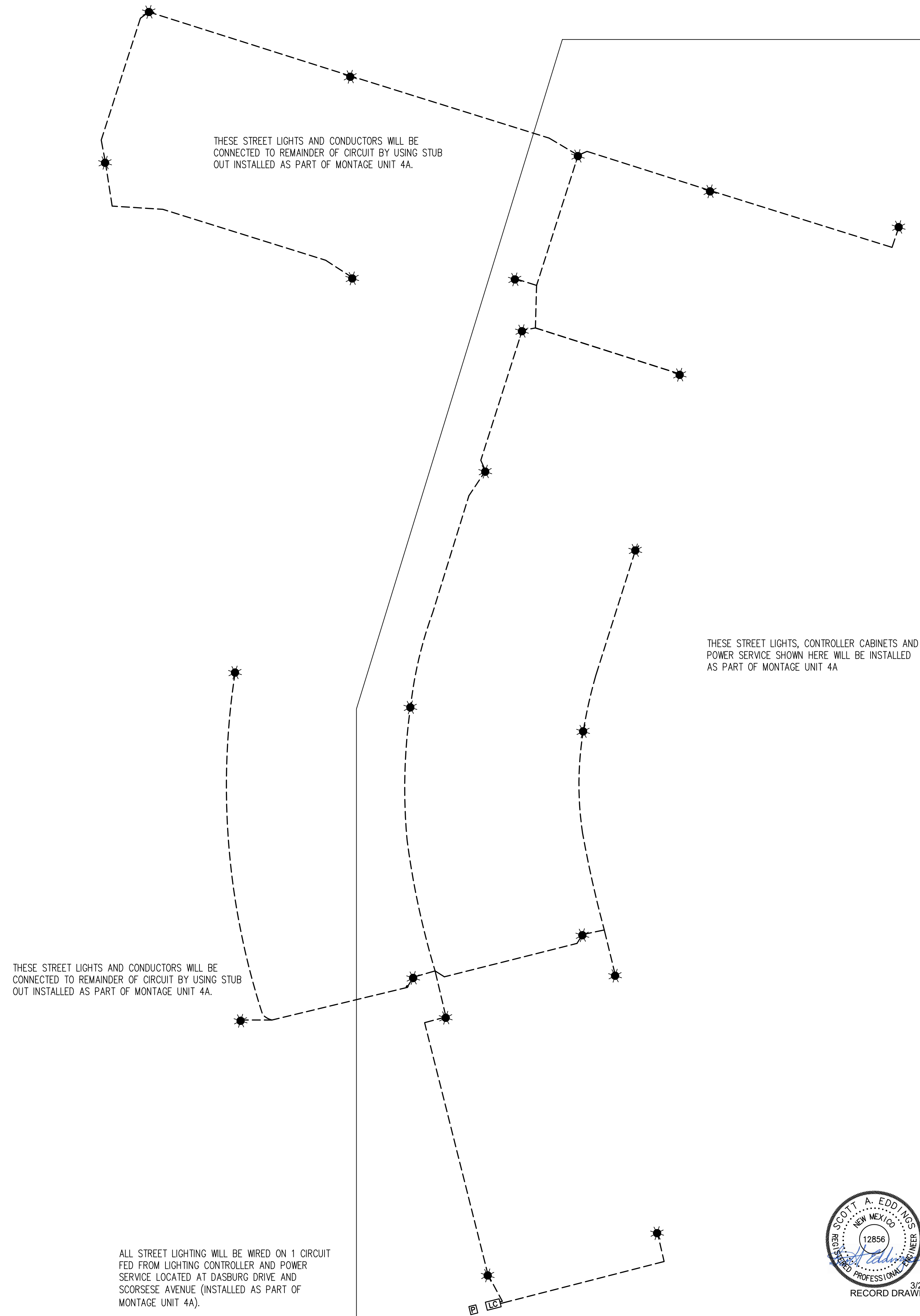


MONTAGE UNIT 4B
STREET LIGHTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED April 13, 2021 DESIGN REVIEW COMMITTEE	Approved by Albuquerque City Engineer May 21, 2021		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
775464	R-15,16,S-16	24B	25

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		DATE	
CONTRACTOR	NEW CONCEPTS	DATE	3/2/23	NO.	DATE			NO.	DATE	BY	DATE	DESIGNED BY	DATE
WORKED BY	CARTESIAN SURVEYS	DATE	3/2/23									DRAWN BY	DATE
INSPECTOR'S	CONANUA	DATE	3/2/23									CHECKED BY	DATE
ACCEPTANCE BY	CONANUA	DATE	3/2/23										DATE
PERMIT	CARTESIAN SURVEYS	DATE	3/2/23										DATE
PERMIT	PERMIT	DATE	3/2/23										DATE
DRAWINGS	H21	DATE	3/2/23										DATE
CORRECTED BY		DATE											DATE
MICRO-FILM INFORMATION		DATE											DATE
RECORDED BY		DATE											DATE
NO.													

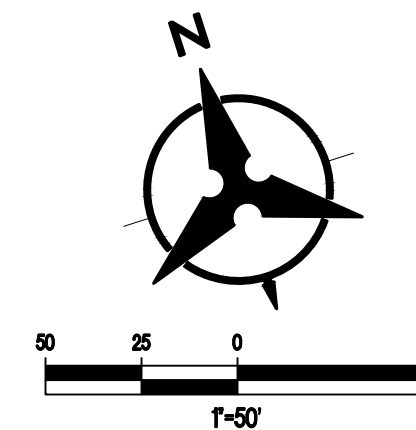


THESE STREET LIGHTS, CONTROLLER CABINETS AND
POWER SERVICE SHOWN HERE WILL BE INSTALLED
AS PART OF MONTAGE UNIT 4A

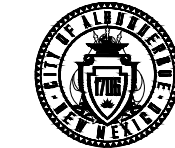
THESE STREET LIGHTS AND CONDUCTORS WILL BE
CONNECTED TO REMAINDER OF CIRCUIT BY USING STUB
OUT INSTALLED AS PART OF MONTAGE UNIT 4A.

ALL STREET LIGHTING WILL BE WIRED ON 1 CIRCUIT
FED FROM LIGHTING CONTROLLER AND POWER
SERVICE LOCATED AT DASBURG DRIVE AND
SCORSESE AVENUE (INSTALLED AS PART OF
MONTAGE UNIT 4A).

3/2
RECORD DRAWING



Bohannon  **Huston**
www.bhinc.com 800.877.5332



CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

MONTAGE UNIT 4B
STREET LIGHTING PLAN

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

SCHEMATIC ONLY

ONLY Approved by
Albuquerque City
Engineer May 21, 2021

	MO./DAY/YR.	MO./DAY/YR.
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LAST DESIGN UPDATE		

CITY PROJECT NO.

775464

ZONE MAP NO.	
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R-15,16,S-16

SHEET _____ OF _____

25

LEGEND

PROPOSED CURB AND GUTTER	
EXISTING CURB AND GUTTER	
FUTURE SIDEWALK	
BUILD SIDEWALK	
PROPOSED STORM DRAIN MANHOLE	
EXISTING STORM DRAIN MANHOLE	
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EXISTING SANITARY SEWER MANHOLE	
PROPOSED FIRE HYDRANT	
PROPOSED GATE VALVE	
EXISTING STREET LIGHT	
PROPOSED STREET LIGHT	

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Thu, 25-Mar-2021 - 9:42:pm, Plotted by: CVERMILLION