

CONSTRUCTION PLANS
FOR

RECORD
DRAWING

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTIONS
CITY CONSTRUCTION ENGINEER
DATE: 11/4/2017

SIGNAL POINTE SUBDIVISION

A LLAVE ENTERPRISES, INC. PROJECT

PUBLIC STREET, WATER, SEWER AND SERVICES IMPROVEMENTS

INCLUDING PRIVATE ROAD-DRAINAGE

LEGEND

+24.0	EXIST. SPOT ELEVATION
NG	NATURAL GROUND
RBR	REBAR
---	CENTERLINE
- - - -	EXIST. EDGE OF ROAD
OPP	EXISTING POWER POLE
- - - -5770-	EXISTING CONTOUR
EA	EXISTING EDGE OF ASPHALT
NEW CONCRETE	
F-F	FACE TO FACE OF CURB
12	NEW CONTOUR
24.0	NEW SPOT ELEVATION
NEW CURB & GUTTER	
TRANSITION TO NO CROWN (50' MIN. TRANSITION LENGTH)	
NEW SWALE	
DRAINAGE DIRECTION	
8" W	EXISTING WATER LINE
EXISTING WATER VALVE	
W	NEW WATER LINE
NEW GATE VALVE	
FH	NEW FIRE HYDRANT
SD	EXISTING STORM DRAIN
SAS	EXIST. SANITARY SEWER

INDEX

SHEET NO.

TITLE

1

COVER SHEET

2

PRELIMINARY PLAT

3

GRADING & DRAINAGE PLAN, Dated 15SEPT15

4

PUBLIC STREET PLAN & PROFILE (SIGNAL AVE)

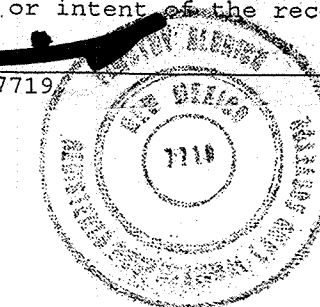
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PRIVATE STREET, PUBLIC WATER/SEWER PLAN & PROFILE(S)

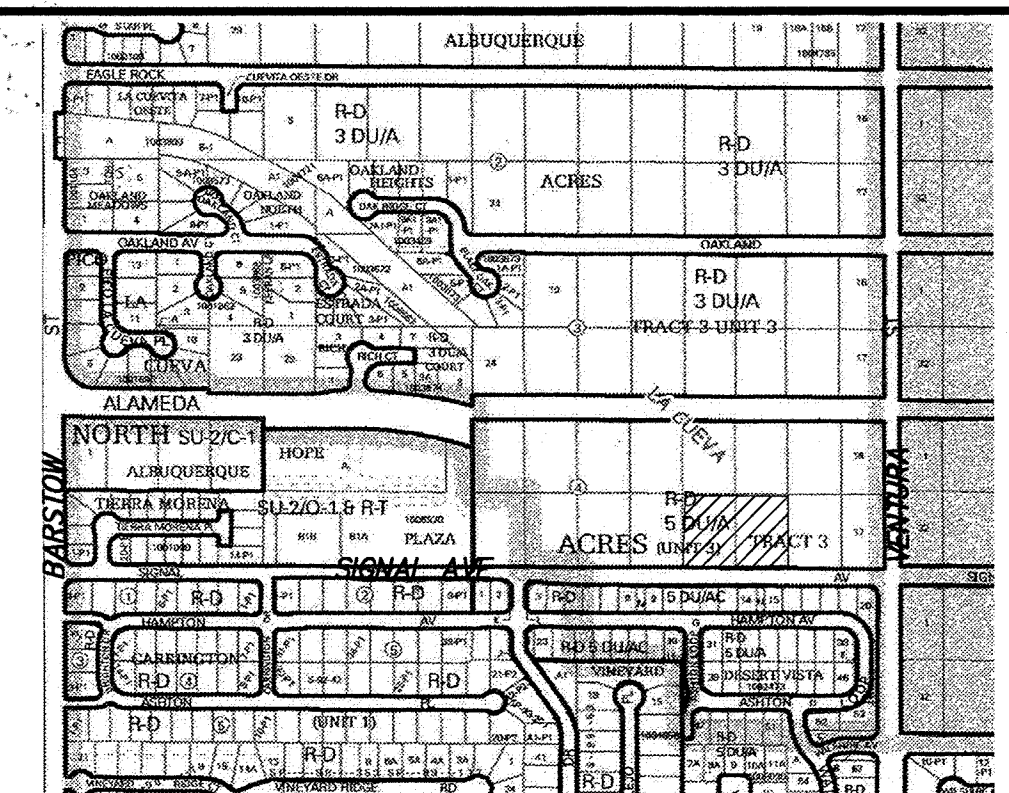
SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, 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' surveys performed by me or under my supervision, that the '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." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

Timothy Aldrich, P.S. No. 7719



12/19/16



VICINITY MAP C-20 GENERAL NOTES

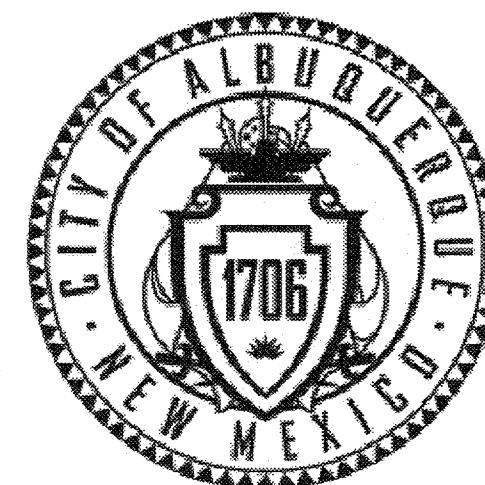
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION AND UPDATE #8 / LATEST AMENDMENTS(1), AND THE CITY STANDARD DRAWINGS.
- ALL WORK PERFORMED ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL NOTIFY AND COORDINATE ALL CONSTRUCTION TWO WEEKS PRIOR TO START WITH THE FOLLOWING UTILITIES: CENTURY LINK, PUBLIC SERVICE AND GAS CO. OF NEW MEXICO, (ELECTRIC & GAS SERVICES), COMCAST CABLE TV.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NM ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE FIELD OR RECORD ENGINEER.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE REGARDING TRAFFIC CONTROL. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM SAME DIVISION. CONTRACTOR SHALL NOTIFY THE BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION, AS PER SECT. 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING & SIGNAGE ALTERED OR DESTROYED SHALL BE REPLACED BY THE CONTRACTOR TO EXISTING LOCATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ELECTRONIC MARKER SPHERES SHALL BE INSTALLED PER SECTION 170 OF THE STANDARD SPECIFICATIONS.
- THE 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. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://abcwua.org/Water_Shut_off_Turn_on-Procedures.aspx

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING
☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE

RECORD DRAWINGS

I, PHILIP W. CLARK, OF THE FIRM OF CLARK CONSULTING ENGINEERS, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME 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 BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY Aldrich Land Surveying NMPS 7719.

11/2/16



NEW MEXICO - USA

Clark Consulting Engineers
19 Ryan Road
Edgewood, New Mexico 87015
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DRB# 1010010

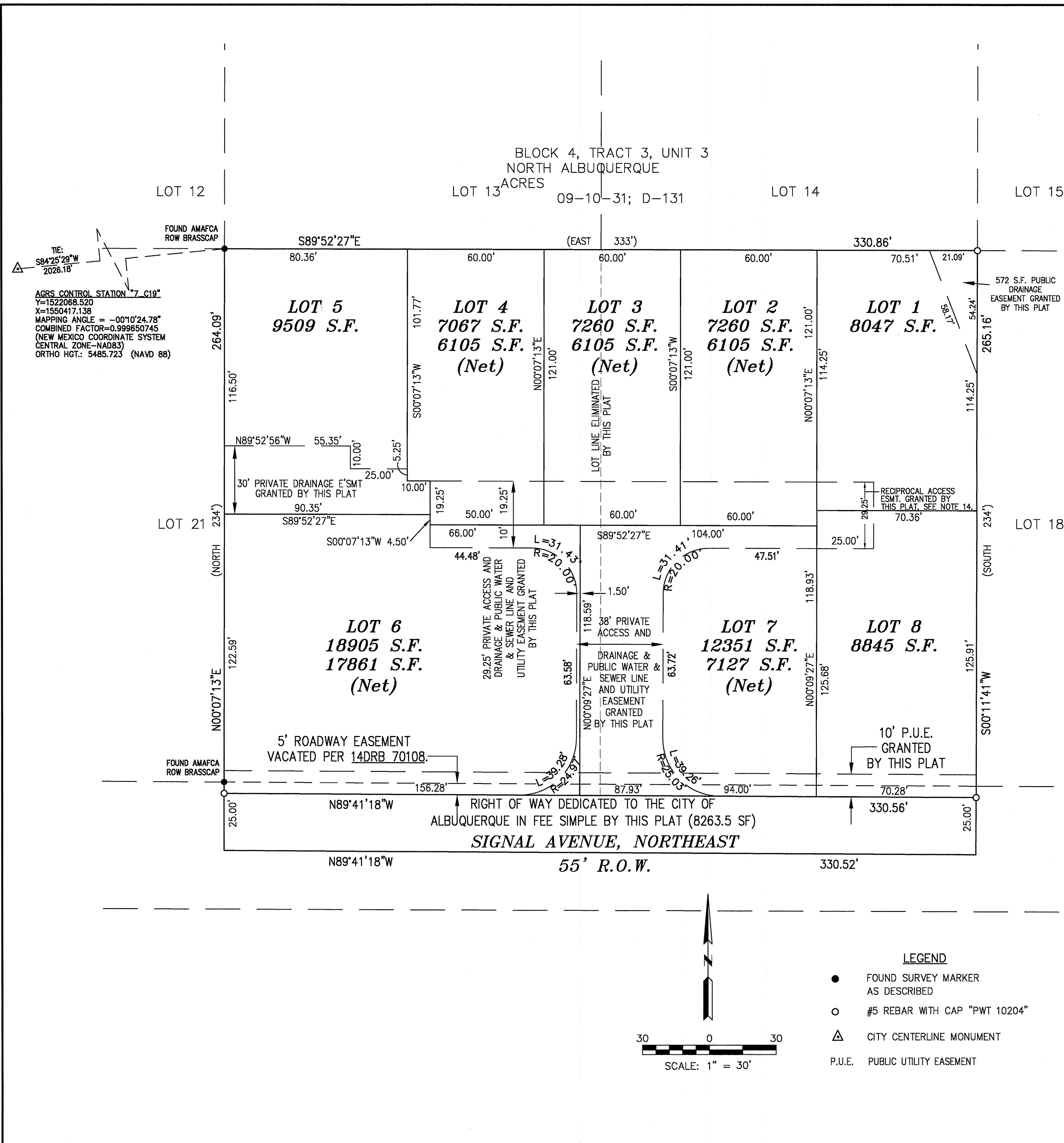
REV	SHEET	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
9/23/15		DRC Chairman		[Signature]		11-17-15	
		Transportation		[Signature]		9-28-15	
		Water/Wastewater		[Signature]		9-28-15	
		Hydrology		[Signature]		11/9/15	
		Parks					
		BERN. CO.					
		AMAFCA					
		City Project No.		750384		Sheet 1 OF 5	

CITY ENGINEER
SHAHAB BIAZAR, PE

SIGNAL POINTE SUBDIVISION CP# 750384

**Signal Pointe
Subdivision**
BEING AND COMPRISING
LOT 19 and 20, BLOCK 4
TRACT 3, UNIT 3
NORTH ALBUQUERQUE ACRES
ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

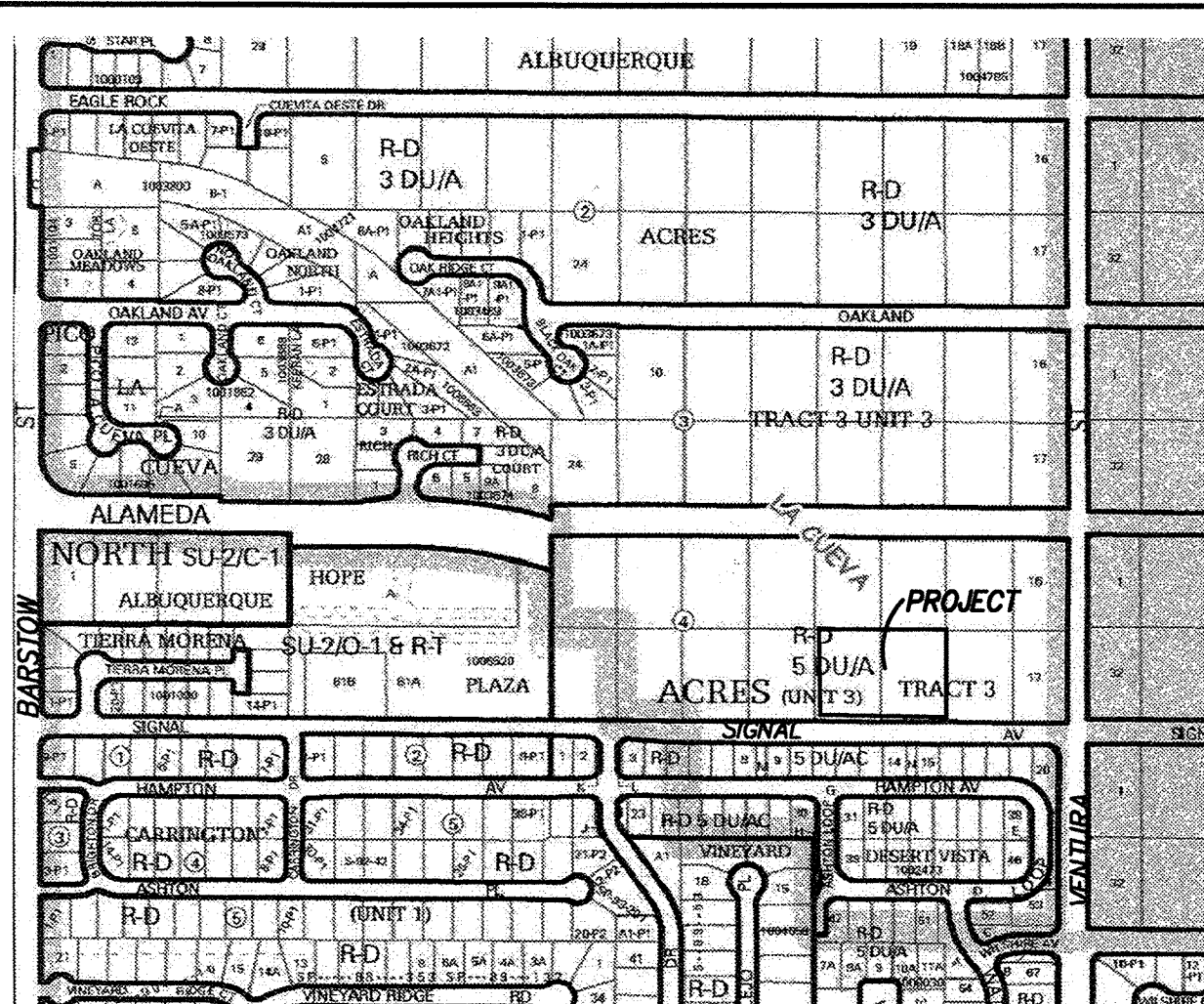
JULY 2015
PAGE 2 OF 2



- NOTES:
- 1) BEARINGS SHOWN ARE NEW MEXICO COORDINATE SYSTEM, CENTRAL ZONE (NAD83), GRID BEARINGS AND ARE REFERENCED TO THE ALBUQUERQUE GEODETIC REFERENCE SYSTEM AS DETERMINED BY GPS OBSERVATIONS OBTAINED UTILIZING THE CITY OF ALBUQUERQUE REAL TIME GNSS NETWORK (ARTGN); DISTANCES SHOWN ARE GROUND.
 - 2) THESE PROPERTIES ARE DEPICTED ON ZONE ATLAS PAGE "C-20".
 - 3) THIS PROPERTY LIES IN FLOOD HAZARD ZONE "AE", AN AREA OF WITH FLOOD DEPTHS OF 1-2 FEET OF SHEET FLOW ON SLOPING TERRAIN REFERENCE: F.I.R.M. MAP NUMBER 35001003141G WITH AN EFFECTIVE DATE OF SEPTEMBER 26, 2008.
 - 4) ALL OF THESE PROPERTIES LIE WITHIN THE CORPORATE LIMITS OF THE CITY OF ALBUQUERQUE, NEW MEXICO.
 - 5) LEGAL ACCESS TO THESE PROPERTIES IS GAINED DIRECTLY VIA SIGNAL AVENUE NORTHEAST.
 - 6) OPEN SPACE OF 2400 SQUARE FEET OR MORE PER DWELLING SHALL BE PRESERVED ON EACH LOT PER THE PROVISIONS OF SECTION 14-16-3-8(o)(3).
 - 7) THE PROPERTY ON THIS PLAT IS SUBJECT TO A PRE-DEVELOPMENT FEE AGREEMENT WITH THE ALBUQUERQUE PUBLIC SCHOOLS RECORDED 04-16-14, BERNALILLO COUNTY DOCUMENT # 2014030174.
 - 8) ALL EASEMENTS OF RECORD ARE SHOWN HEREON.
 - 9) FIELD SURVEYS PERFORMED AUGUST 27, 2013.
 - 10) RECORD DATA SHOWN IN PARENTHESES ().
 - 11) AREA OF ACCESS EASEMENT: 9541 S.F.; TOTAL GROSS SUBDIVISION AREA: 79246 S.F.; REMAINDER LOT AREAS: 69705 S.F., OR 1.6002 ACRES.
 - 12) ALL INTERIOR STREETS ARE PRIVATE STREETS FOR WHICH THE RESPONSIBILITY FOR MAINTENANCE SHALL BE BORNE BY THE OWNERS AND PROPRIETORS OF LOTS 1-8. THE PRIVATE STREETS INCLUDING PRIVATE DRAINAGE EASEMENT SHALL BENEFIT THE OWNERS, AND BE MAINTAINED BY THE HOME OWNER'S ASSOCIATION.
 - 13) THE PUBLIC DRAINAGE EASEMENT GRANTED ON LOT 1 SHALL BE MAINTAINED BY THE HOME OWNER'S ASSOCIATION.
 - 14) A RECIPROCAL ACCESS EASEMENT IS GRANTED ON LOTS 1 AND 8 FOR THE SHARED DRIVEWAY FOR THE BENEFIT OF EACH PARTY, AND TO BE MAINTAINED BY THE OWNERS.

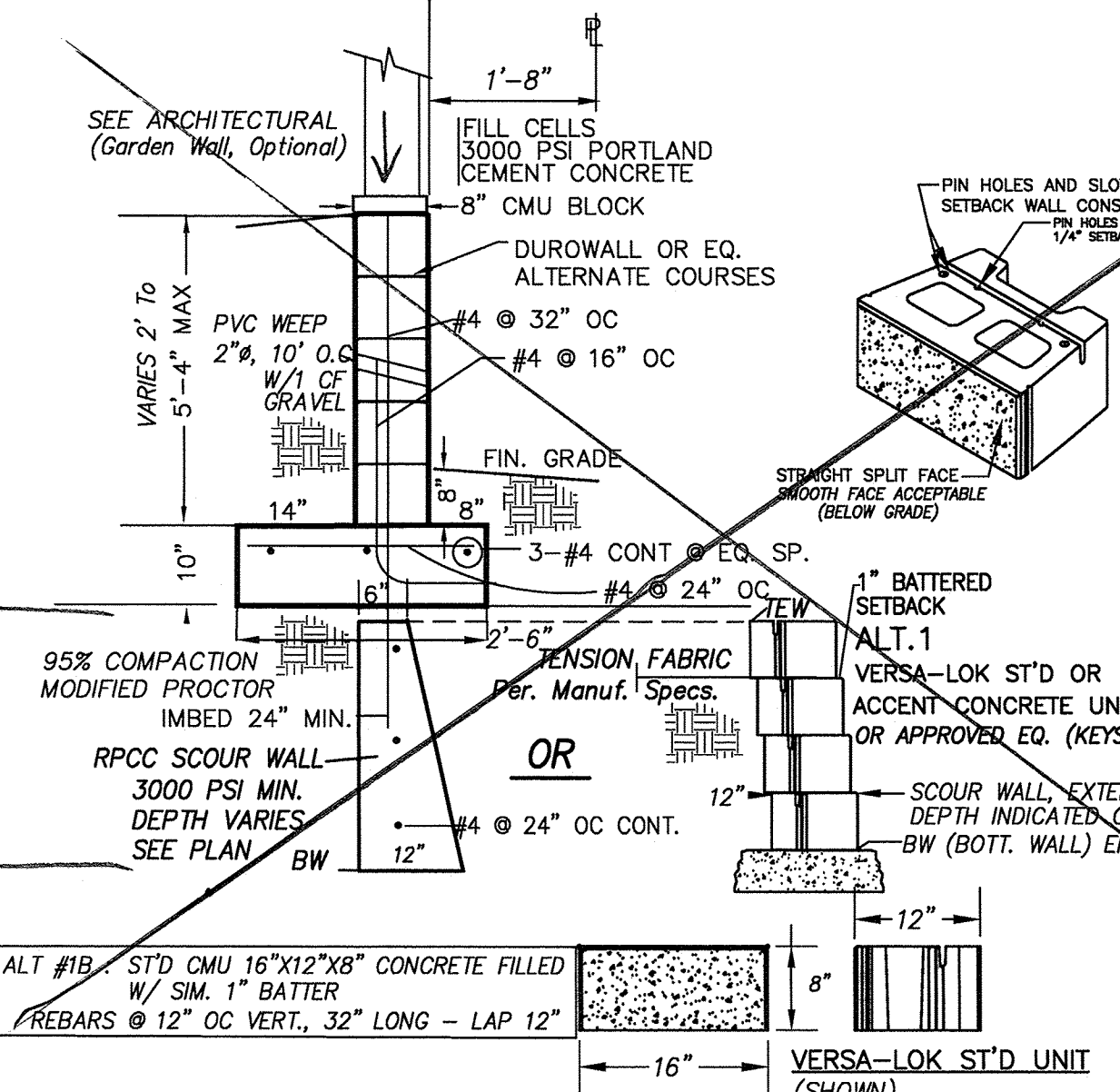
FOR INFORMATION ONLY

PLAT PREPARED BY
TERRAMETRICS NM
4175 MONTGOMERY BOULEVARD, N.E.
ALBUQUERQUE, NEW MEXICO 87109
PHONE: (505) 881-2903



VICINITY MAP

ZONE C-20



CMU RETAINING WALL / SCOUR WALL SECT. A
SEE BP2015000364 FOR WALL DESIGN.

DESIGN CRITERIA

HYDROLOGIC METHODS PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM) REVISED JANUARY 1993 FOR CITY OF ALBUQUERQUE, ADOPTED BY THE COUNTY OF BERNALILLO
DISCHARGE RATE: $Q = Q_{PEAK} \times AREA$, "Peak Discharge Rates For Small Watersheds"
VOLUMETRIC DISCHARGE: $VOLUME = E_{Weighted} \times AREA$
 $P100 = 2.60$ inches, Zone 3 Time of Concentration, $TC = 10$ Minutes
DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [] = 10 YEAR VALUES

HISTORIC CONDITIONS PER EXIST. LOT

PROJECT AREA = 0.89 ACRES, WHERE EXCESS PRECIP. Weighted = 0.66 in. [0.19]
PEAK DISCHARGE, $Q100 = 1.8$ CFS [1.06], WHERE UNIT PEAK DISCHARGE "A" = 1.9 CFS/AC. [0.60]
THEREFORE: $VOLUME 100 = 2132$ CF [614]

DEVELOPED CONDITIONS DETERMINE LAND TREATMENTS, PEAK DISCHARGE AND VOLUMETRIC DISCHARGE FOR STUDY AREA

AREA	LAND TREATMENT	Q_{Peak}	E
UNDEVELOPED	0.XX Ac.	A	1.87[0.58]
LANDSCAPING	0.29 Ac.(17%)	B	2.60[1.19]
COMPACTED SOIL & Slopes >	0.29 Ac.(16%)	C	3.45[2.00]
ROOF - PAVEMENT	1.20 Ac.(67%)	D	5.02[3.39]
	1.78 Ac.		2.36[1.50]

THEREFORE: $E_{Weighted} = 1.95$ in.[1.16] & $VOLUME 100 = 12600$ CF
 $Q100 = 7.75$ CFS & $VOLUME 100 = 7495$ CF
 $Q10 = 5.0$ CFS

UNIT DISCHARGE = 7.75 CFS/1.78 AC. = 4.35 CFS/AC.

CALC. 1ST FLUSH, $P(4-6MO.) = 0.6"$ Per Table 2 Water Qual. Storm
PRO-RATE: $7/20 = 0.35 \times 0.09 = 0.03 + 0.27 = 0.3$ INCHES $\times 1.78$ (43560/12) = 1938 CF

UPSTREAM ANALYSIS - SEE HEC-RAS WATER SURFACE MODEL OF LA CUEVA, ON FILE WITH CITY HYDROLOGY (Ref. C-20/035) (REVISED 11.8.12)
PER RTI STUDY, $Q100 = 3090$ CFS AT VENTURA ST. (SEE LOMR2012)

EROSION SET BACK ANALYSIS - PER SEDIMENT EROSION DESIGN GUIDE (SEDD)

$Q_{100} = 3090$ CFS...LA CUEVA ARROYO

$Q_{10} = 0.24 \times 618$ CFS $W_{10} = 4.6$ FT $W_{10} = 60$ FEET

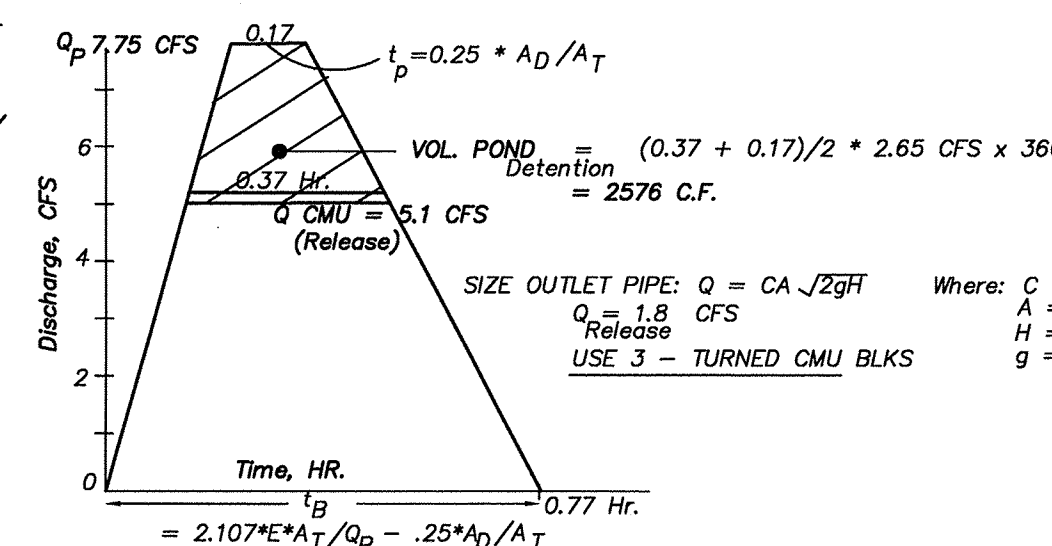
$LAMDA = [0.8 + 4.06 \times W_{10}] W_{10} = 718$ FEET BANK SETBACK = $LAMDA/4 = 179$ FEET

CENTER LINE SETBACK = $BSB + W_{10}/2 = 190$ FEET

THEREFORE: EROSION CONTROL IMPROVEMENTS REQUIRED - PER DISCUSSION WITH CITY AND AMAFCA CONSTRUCT SCOUR WALL ON EAST/NORTH SIDES OF DEVELOPMENT

CLASSIFICATION AND GRADATION OF RIPRAP			
TYPE VAL	% SMALLER THAN DIMENSION (IN.)	MEAN PARTIAL SIZE (IN.)	
70-100	9		
50-70	6		
35-50	4		
2-10	2		

DETERMINE POND SIZE
RETENTION POND PER HYDROGRAPH & DPM, Section A.8
STORAGE VOLUME (Required) = VOLUME AREA ABOVE ALLOWABLE RELEASE



LEGEND

EXIST. SPOT ELEVATION	TW	TOP OF WALL, RETAINING
EXIST. CONTOUR	TEW	TOP OF EROSION WALL
NEW SPOT ELEVATION	BW =	BOTTOM ELEV. OF SCOUR WALL
NEW CONTOUR	BFE	BASE FLOOD ELEVATION (SEE FEMA REVSD MAP NOV. 08, 2012)
EXIST. CURB & GUTTER	FL	FLOWLINE
NEW SWALE	EG	EXIST. GRADE
DRAINAGE DIRECTION		
NEW P.C.C. CONCRETE		
NEW RIPRAP, BURIED		

KEYED NOTE(S)

- NEW PCC SDWK PER COA STD 2430.
- NEW STD CURB/GUTTER PER COA STD 2415A.
- NEW ROLL CURB PER COA STD 2415A.
- BUILD NEW PRIVATE ENTRANCE PER COA STD 2420 AND 2026
- NEW PCC WHEEL CHAIR RAMP PER COA STD 2441
- PROVIDE 3' WIDE ADA PATHWAY, 2% MAX. CROSS SLOPE W/ TRUNCATED DOMES

PROJECT DATA

LEGAL DESCRIPTION

LOTS 19/20, BLOCK 4, TRACT 3, UNIT 3
NORTH ALBUQUERQUE ACRES, ALBUQUERQUE, NEW MEXICO

PROJECT BENCHMARK

THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 7-C19, ELEVATION OF WHICH IS 5485.72. BENCHMARK IS LOCATED AT THE INTERSECTION OF BARSTOW ST. AND MODESTO AVE.

TOPOGRAPHIC DESIGN SURVEY

COMPILED BY CLARK CONSULTING ENGINEERS FROM DESIGN SURVEY BY PHILIP W. TURNER P.S., DATED JULY 2014

GRADING & DRAINAGE PLAN

THE RESIDENTIAL HOME PROJECT IS LOCATED IN UNIT 3 OF NORTH ALBUQUERQUE ACRES APPROXIMATELY 11 MILES FROM THE DOWNTOWN CORE OF ALBUQUERQUE, NM. THE GRADING AND DRAINAGE SCHEME HEREON IS IN COMPLIANCE WITH THE BERNALILLO COUNTY FLOOD HAZARD ORDINANCE, NO. 88-46, AND CITY STORM DRAINAGE ORDINANCE. THE PLAN IS REQUIRED IN ORDER TO FACILITATE THE OWNER'S REQUEST FOR BUILDING PERMIT. THE PLAN SHOWS:

- EXISTING CONTOURS, SPOT ELEVATIONS, AND EXISTING DRAINAGE PATTERNS.
- PROPOSED IMPROVEMENTS: 8 RESIDENTIAL HOME PAD SITES, NEW PERIMETER SOLID WALL, CONCRETE DRIVEWAYS, AND NEW GRADE ELEVATIONS.
- CONTINUITY BETWEEN EXISTING AND PROPOSED ELEVATIONS.
- QUANTIFICATION AND ACCEPTANCE OF UPSTREAM OFFSITE FLOWS WHICH CONTRIBUTE TO THE DEVELOPED FLOWS GENERATED BY THE IMPROVEMENTS.
- UPSTREAM ANALYSIS AS TO WATER SURFACE MODEL AND EROSION SETBACK.

THE PURPOSE OF THE PLAN IS TO ESTABLISH CRITERIA FOR CONTROLLING STORM RUNOFF AND EROSION, AND ESSENTIALLY ALLOWING HISTORIC FLOWS TO CONTINUE TO DRAIN THROUGH THE PROPERTY. PRESENTLY, THE SITE IS BOUNDED ON THE EAST, WEST AND NORTH BY UNDEVELOPED PROPERTY. SIGNAL AVENUE ON THE SOUTH IS A IMPROVED, ASPHALT ROADWAY ALONG THE PROJECT FRONTAGE. THE SITE GENERALLY FALLS FROM EAST TO WEST AT APPROX. 3.5 PERCENT. ALL OFFSITE FLOWS ARE QUANTIFIED ON THE PLAN, AND ADDED IN THE CALCULATIONS.

A PORTION OF THE SITE IS ENCUMBERED BY A DESIGNATED FEMA FLOODPLAIN.

HISTORICAL SITE RUNOFF OUTFALL LOCATIONS WILL REMAIN UNCHANGED IN DEVELOPMENT. SINCE SIGNAL AVE IS IMPROVED MINIMAL GRADING IS PROPOSED WITHIN THE CITY R.O.W. FREE DISCHARGE OF DEVELOPED FLOW IS ACCEPTABLE SINCE DOWNSTREAM CAPACITY (LA CUEVA CHANNEL) EXISTS.

NOTES

- ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, W/ 8 UPDATES.
- AN EXCAVATION/CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK WITHIN WORK AREA. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE TIME OF APPLICATION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL ENSURE THAT NO SITE SOILS/SEDIMENT OR SILT ENTER THE RIGHT-OF-WAYS DURING CONSTRUCTION.
- AREAS DISTURBED DUE TO CONSTRUCTION PER CITY OF ALBUQ. SPEC. 1012 NATIVE SEED MIX.
- MAXIMUM SITE GRADING WITHOUT EROSION PROTECTION: 3 HORIZONTAL TO 1 VERTICAL, 3:1. ALL DIMENSIONS TO FACE OF CURB, UNLESS NOTED OTHERWISE.

APPROVED FOR ROUGH GRADING ONLY

9/15/15
PHILIP W. CLARK
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
10255

FOR INFORMATION ONLY

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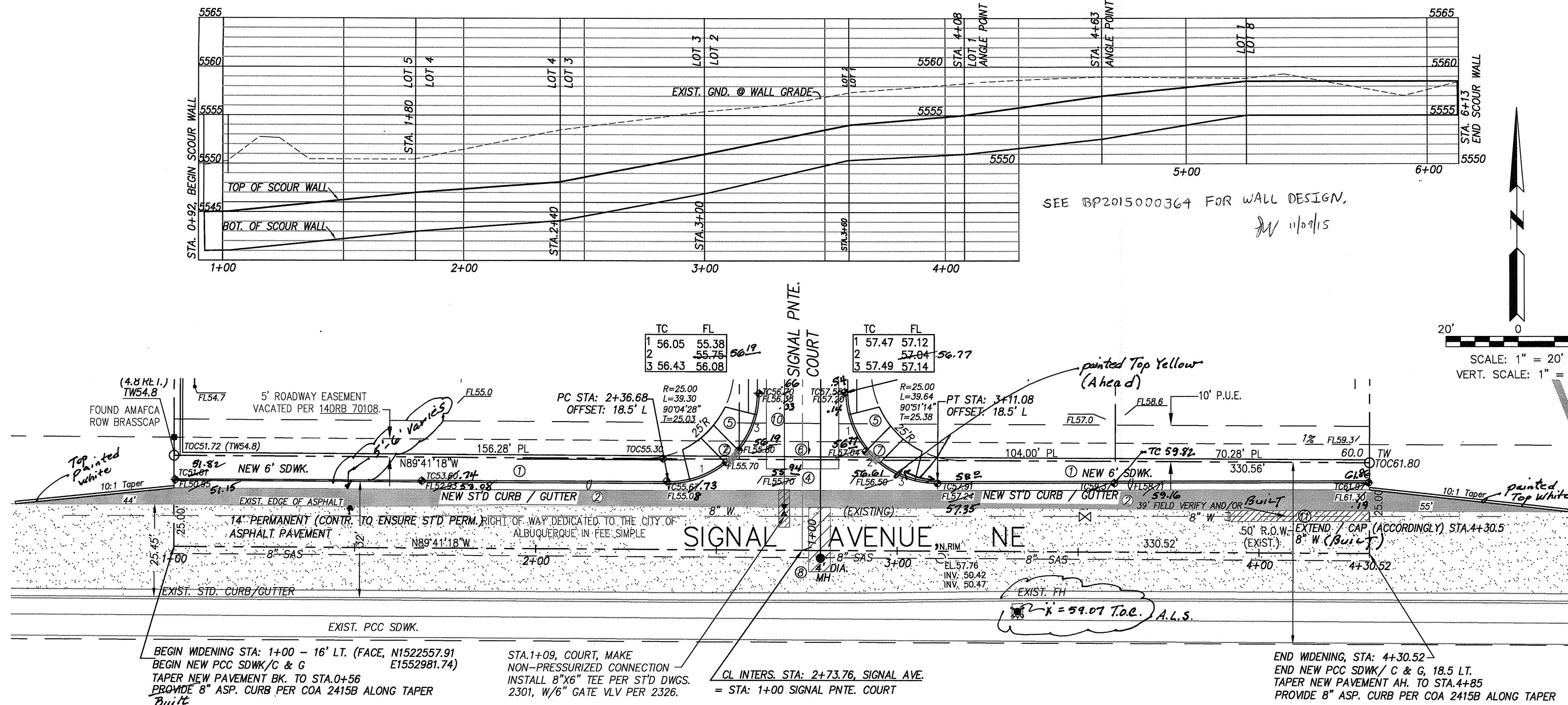
DATE	REVISION	ADD. CITY ENGR.	COMMENTS
6/12/15			
(2)/8/20/15			
9/15/15			

DESIGNED BY: PWC DRAWN BY: CCE JOB #: SignPointe SHEET
CHECKED BY: PWC DATE: 2/26/15 FILE #: G/D 1 OF 1

SCOUR WALL PROFILE, See G & D Plan

SCALE: 1" = 30' (HORIZ)

RECORD
DRAWING



NOTES

- ALL STATIONING BASED ON CENTER LINE OF NEW ROADWAY AND R.O.W., UNLESS NOTED OTHERWISE.
- MAINTAIN MINIMUM OF 3 FEET COVER TO TOP OF EXIST 8" WATERLINES.
ADJUST VALVES TO GRADE PER COA STD 2328.
- ALL CITY UTILITIES AND SERVICES SHALL BE INSTALLED AND ACCEPTED PRIOR TO COMMENCING BACKFILL AND PAVING.
- ALL UTILITY BACKFILL WITHIN CITY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH COA SPECIFICATION REQUIREMENTS. COMPACTION SHALL BE 95% ASTM D-1557.
- INSTALL DUAL CHECK VALVES ON ALL METER SETTERS.
- ALL WATER & SEWER SERVICES, HYDRANT AND VALVES SHALL BE INSTALLED PER COA STD DWGS 2362, 2366, 2125, 2340, 2326 (+2328), AND STD DWG 2301.
- CONTACT PINO YARDS, WUA PERSONNEL 7-DAYS PRIOR FOR SHUTOFF, 857-8200. SEE PLAN BELOW. WUA SHALL CLOSE VALVES EAST OF INTERSECTION & MENDOCINO.
- CONTRACTOR SHALL PROVIDE STATE PLANE COORDINATES USING GPS ON ALL NEW VALVES AND HYDRANT - PER CITY OF ALBUQUERQUE STD SPECIFICATIONS, AND TO BE SHOWN ON RECORD AS-BUILT DRAWINGS.
- REMOVE/REPLACE PAVEMENT PER COA STD DWG 2465.
- CONCRETE DRIVEPADS SHALL BE 6" THK. PER COA 2425 ARE DEFERRED UNTIL CONSTR-N OF HOMES.
- PUBLIC CURB/GUTTER AND PCC SDWKS PER COA STD DWGS 2415A & 2430.

7-DAYS PRIOR TO START

CONTRACTOR SHALL TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION - IF LESS THAN 50, SHALL OVER EXCAVATE 2' AND REPLACE W/ACCEPTABLE MATERIAL, AND/OR CONTACT THE PROJECT ENGINEER.

KEYED NOTE(S)

- NEW PCC SDWK PER COA STD 2430.
- NEW STD CURB/GUTTER PER COA STD 2415A.
- NEW ROLL CURB PER COA STD 2415A.
- BUILD NEW PRIVATE ENTRANCE PER COA STD 2420 AND 2426.
- NEW PCC WHEEL CHAIR RAMP PER COA STD 2441 (AND CURB RAMP DWG, THIS SHEET)
- PROVIDE 3' WIDE ADA PATHWAY, 2% MAX. CROSS SLOPE
- 24" WIDE TRUNCATED DOME, TYP.
- BUILD TYPE E SANITARY SEWER MH PER COA 2102
- BUILD TYPE C SANITARY SEWER MH PER COA 2101
- BUILD 6" PVC, C-900, WATER LINE
- BUILD 8" PVC, C-900, WATER LINE

NOTE:
EXISTING UTILITIES SHOWN HEREON, INCLUDING UNCHARTED UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR FOR EXACT LOCATION AND DEPTH PRIOR TO EXCAVATION. SHOULD A CONFLICT EXIST, THE OWNER/ AND PROJECT ENGINEER SHALL BE IMMEDIATELY NOTIFIED.

RECORD DRAWINGS

I, PHILIP W. CLARK, OF THE FIRM OF CLARK CONSULTING ENGINEERS, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME 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 BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY Alarich hard NMPS 7719.

PHILIP W. CLARK
REGISTERED PROFESSIONAL ENGINEER
11/2/16
Surveying

LEGEND

- 24.0 NEW SPOT ELEVATION
- EXIST. EDGE OF ROAD
- NEW SWALE
- DRAINAGE DIRECTION
- EG EDGE OF GRAVEL
- EA EDGE OF ASPHALT
- PP EXISTING POWER POLE
- FH EXIST. FIRE HYDRANT
- NEW P.C.C. CONCRETE
- NEW ASPHALT

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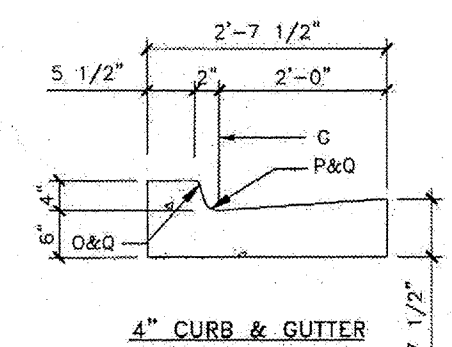
CITY OF ALBUQUERQUE
PLANNING DEPARTMENT
ENGINEERING DESIGN REVIEW / CONSTRUCTION
SIGNAL AVENUE, NE UPGRADE IMPROVEMENTS
PLAN & PROFILE

DESIGN REVIEW COMMITTEE NOV 17 2015	CITY ENGINEER APPROVAL JUN 22 2016	Mo./Day/Yr.
City Project No. 7503.84		Zone Map No. C-20
SHEET 4 OF 5		

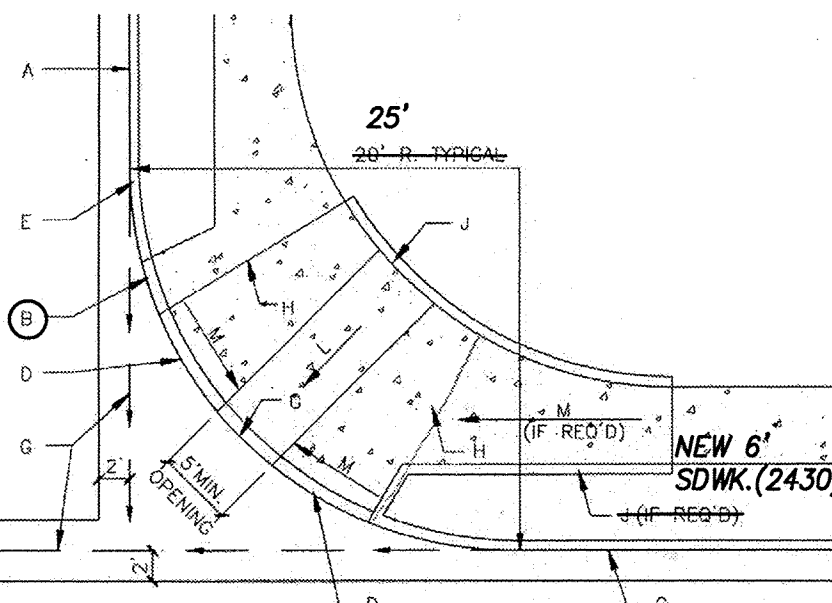
CONSTRUCTION NOTES:

- MOUNTABLE CURB, ROLL TYPE.
- 4" CURB AND GUTTER, EXTEND 24" BEYOND END OF SLOPED CURB BEFORE TRANSITION.
- STANDARD CURB & GUTTER.
- SLOPED CURB
- TRANSITION FROM 4" STANDARD CURB TO 4" MOUNTABLE CURB OVER 4' MIN.
- TOP OF CURB PROFILE (AT BACK OF CURB).
- FLOWLINE.
- 1/2" EXPANSION JOINT.
- HEADER CURB, SEE STD. DWG. 2441 & 2415.
- HEADER CURB MAY BE INTEGRAL CURB WITH RAMP. (SEE ALTERNATE SECTION A-A ON STD. DWG. 2441).
- 50:1 MAX SLOPE ALL DIRECTIONS.
- 12:1 MAX SLOPE.
- ACCESS RAMP FLUSH WITH FILLET PER ADA STANDARDS. (1/4" VERTICAL MAX. OR 1/2" WITH 1/4" SLOPED AT 45°)
- 3/4" RADIUS
- 2" RADIUS
- DIMENSION AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.

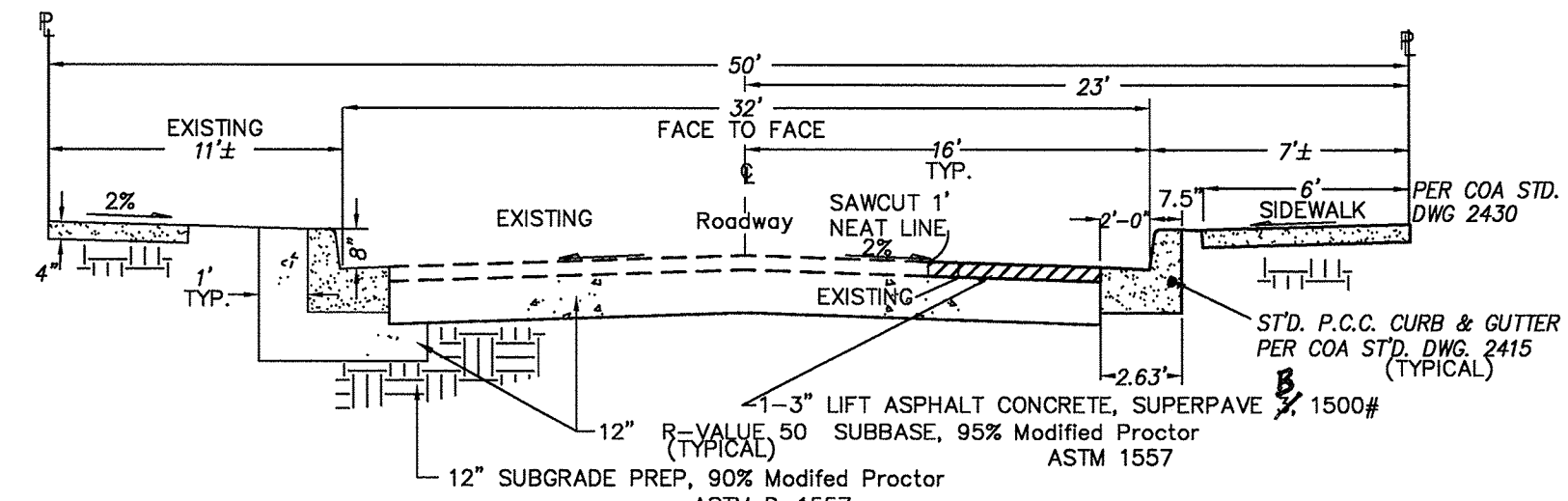
* SEE THIS SHEET FOR 4" CURB AND GUTTER DETAIL.



REVISIONS	CITY OF ALBUQUERQUE
1	PAVING CORNER CURB RAMPS

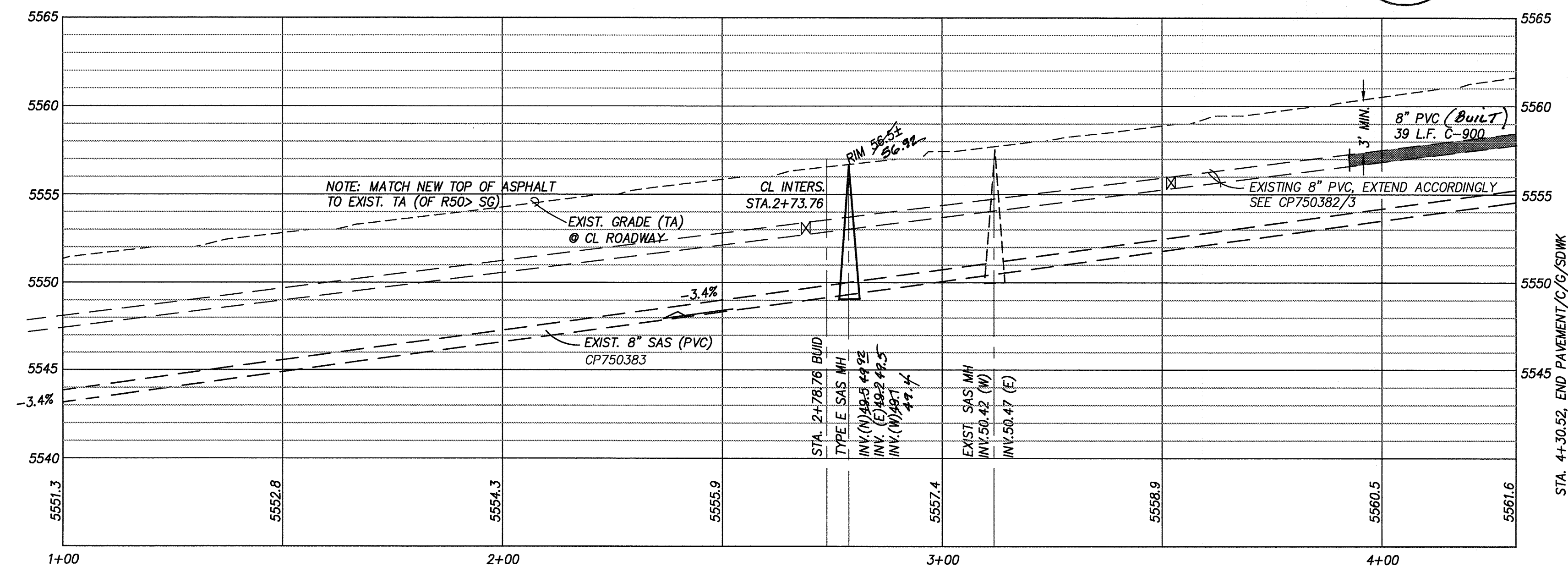


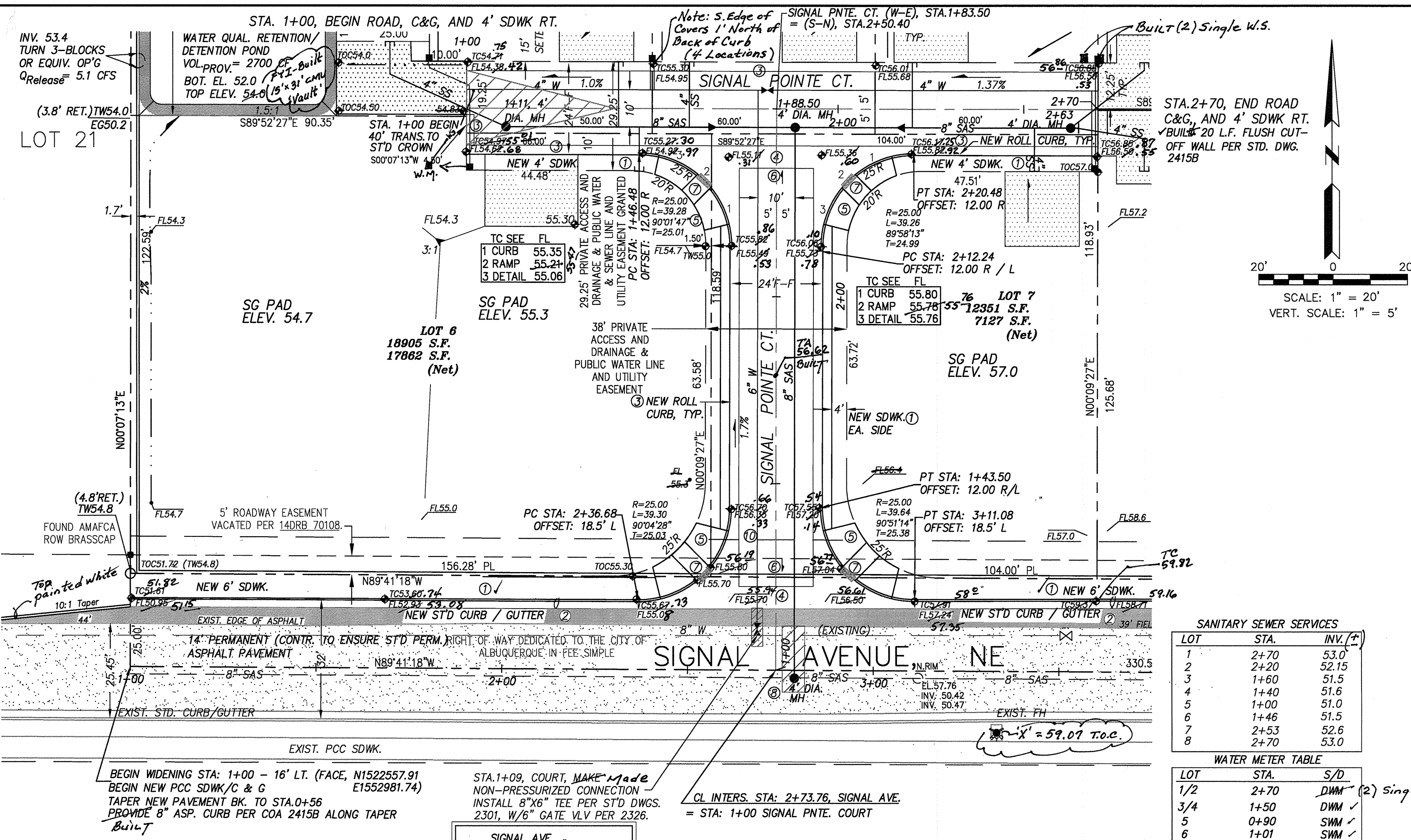
CORNER CURB RAMP FOR RESIDENTIAL SUBDIVISIONS
STANDARD CURB OR MOUNTABLE CURB



TYPICAL STREET SECTION
LOOKING BK STA. (REF. COA DWG 2405A)

SIGNAL AVE UPGRADE





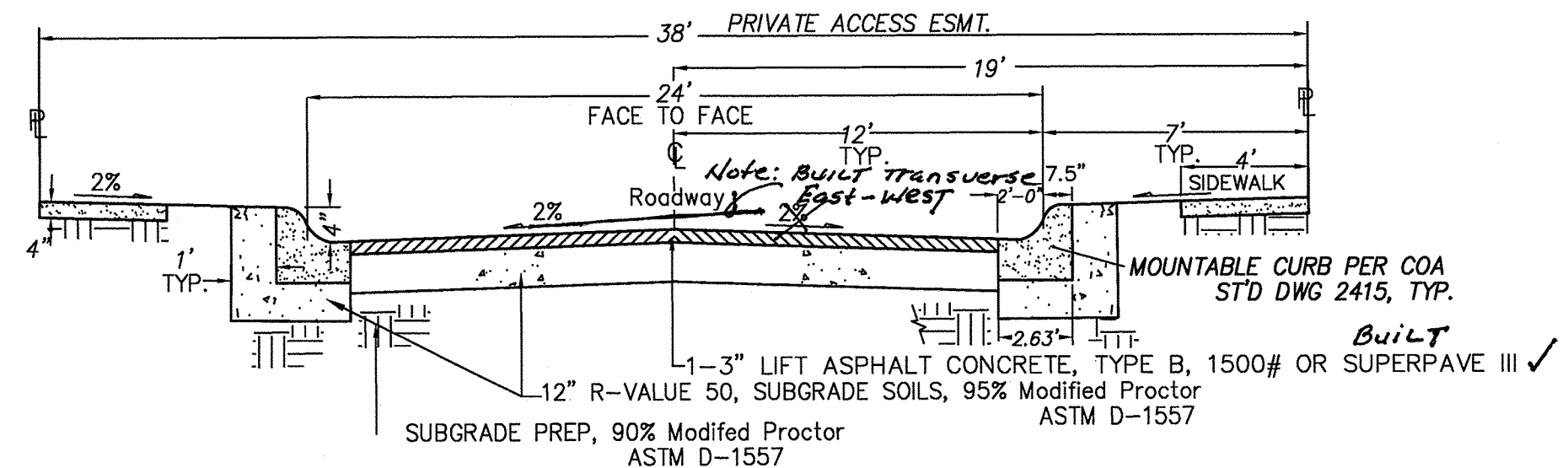
RECORD DRAWING

LEGEND

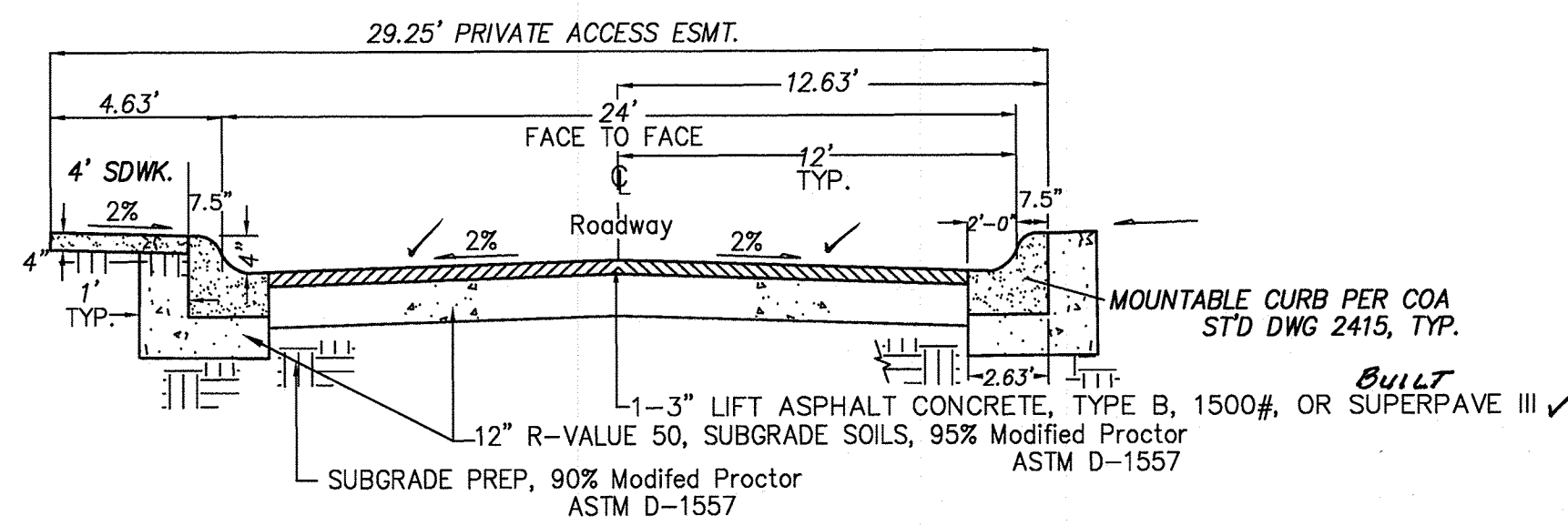
- 24.0 NEW SPOT ELEVATION
- EXIST. EDGE OF ROAD
- NEW SWALE
- DRAINAGE DIRECTION
- EG EDGE OF GRAVEL
- EA EDGE OF ASPHALT
- PP EXISTING POWER POLE
- FH EXIST. FIRE HYDRANT
- NEW P.C.C. CONCRETE, 6"
- SS NEW SANITARY SEWER STUB/CAP
- WS NEW 3/4" WATER SERVICE
- 40' TRANS. TO NO CROWN PER COA STD DWG 2401.
- NEW ASPHALT, 4" N.O.

KEYED NOTE(s)

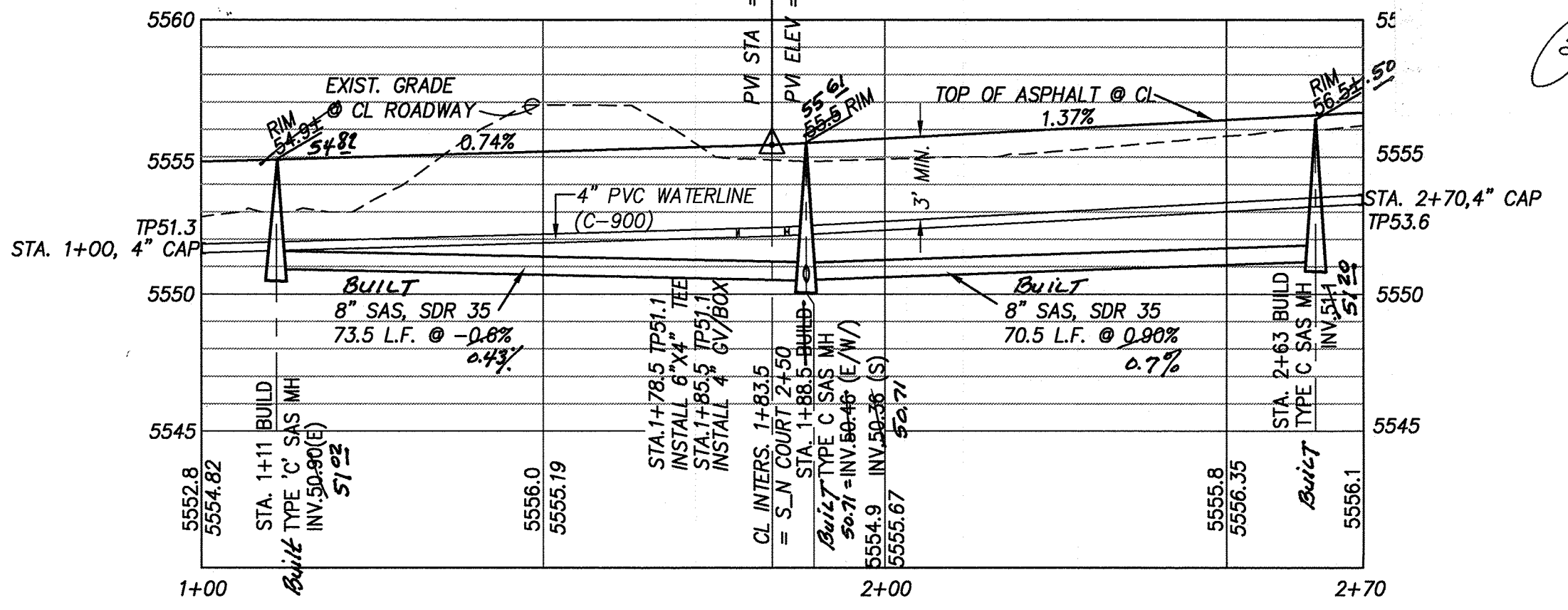
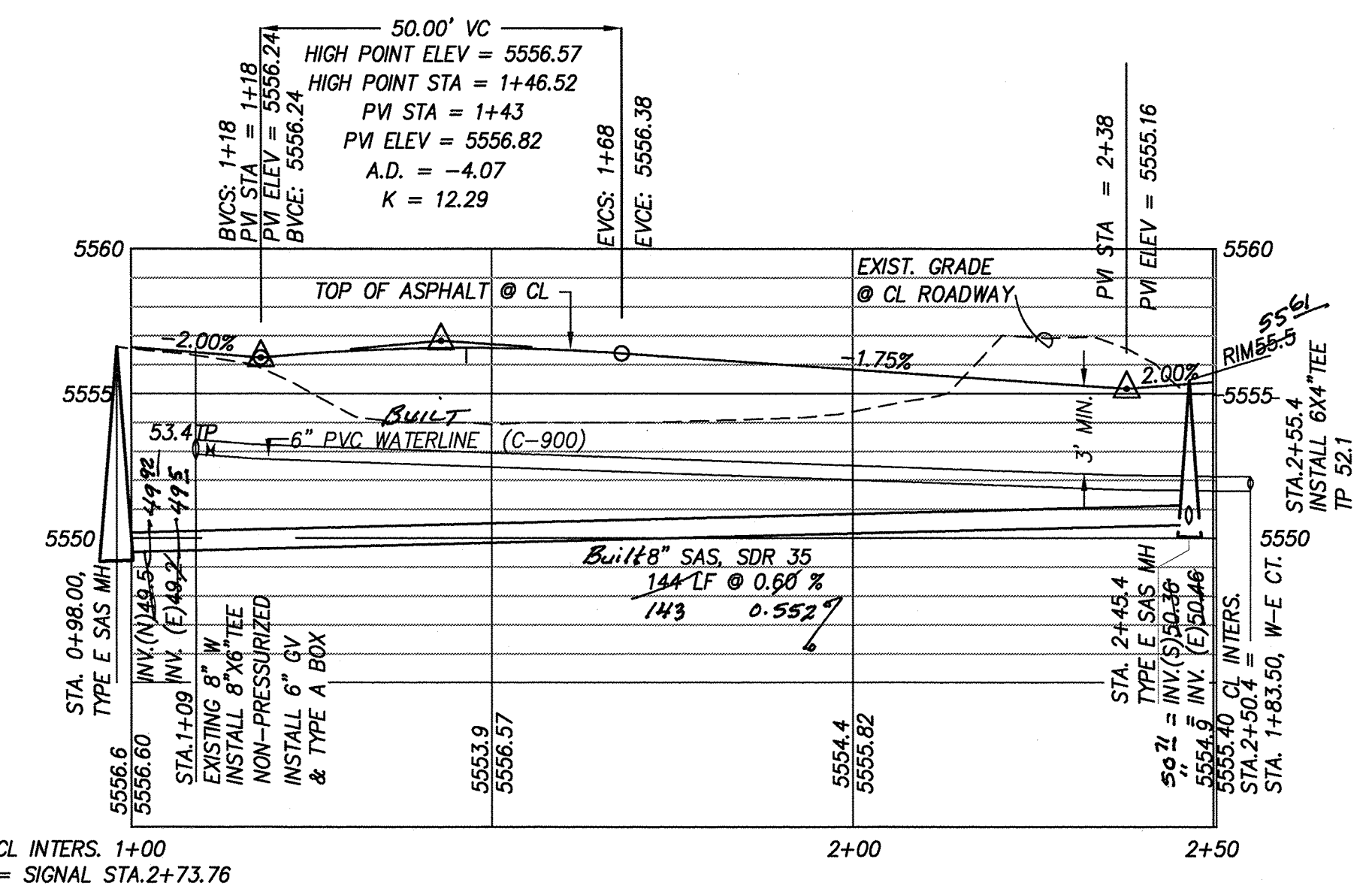
- 1 NEW PCC SDWK PER COA STD 2430.
- 2 NEW STD CURB/GUTTER PER COA STD 2415A.
- 3 NEW ROLL CURB PER COA STD 2415A.
- 4 BUILD NEW PRIVATE ENTRANCE PER COA STD 2420 AND 2026
- 5 NEW PCC WHEEL CHAIR RAMP PER COA STD 2441 AND CURB RAMP DETAIL, SHEET 4.
- 6 PROVIDE 3' WIDE ADA PATHWAY, 2% MAX. CROSS SLOPE W/ TRUNCATED DOMES
- 7 24" WIDE TRUNCATED DOME, TYP.



INTERNAL STREET SECTION
PER COA STD DWG 2405

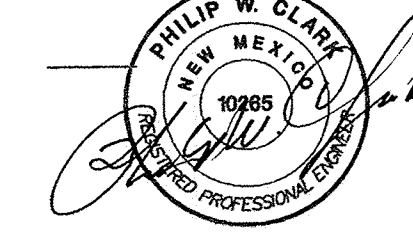


INTERNAL STREET SECTION
SIM. TO COA STD DWG 2405



RECORD DRAWINGS

I, PHILIP W. CLARK, OF THE FIRM OF CLARK CONSULTING ENGINEERS, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME 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 BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY Alfreda Land NWS 7719.



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CITY OF ALBUQUERQUE
PLANNING DEPARTMENT
ENGINEERING DESIGN REVIEW / CONSTRUCTION

PRIVATE ROAD, PUBLIC WATER & SANITARY SEWER
PLAN & PROFILE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED NOV 17 2015 DESIGN REVIEW COMMITTEE	APPROVED JUN 22 2016 CITY ENGINEER		