

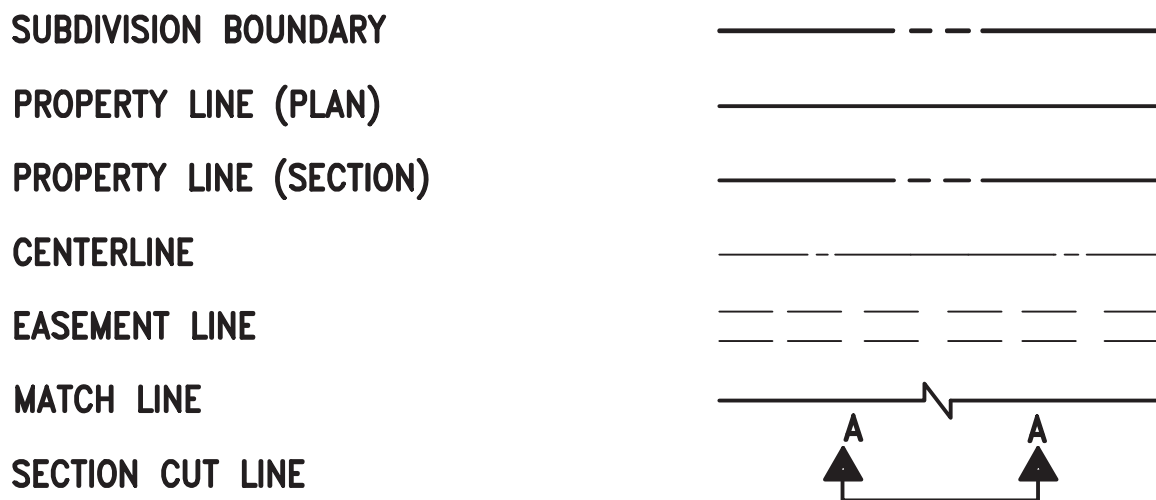
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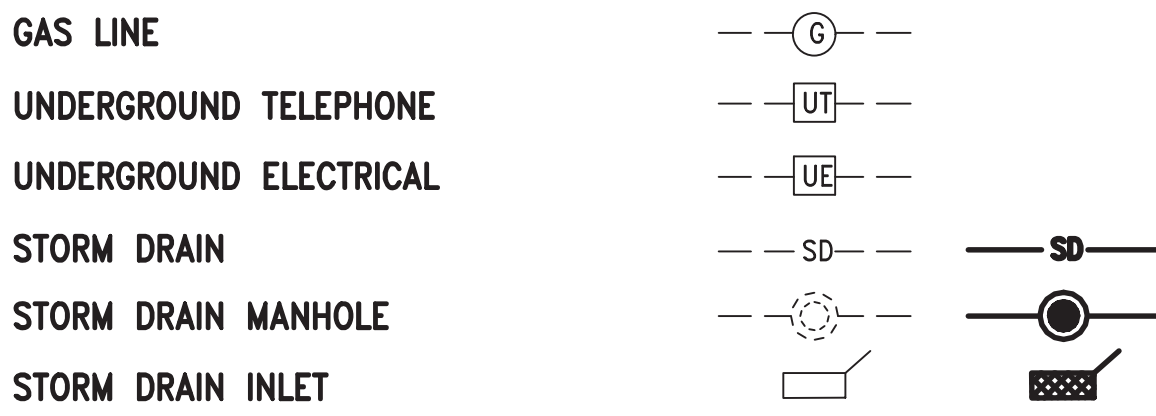
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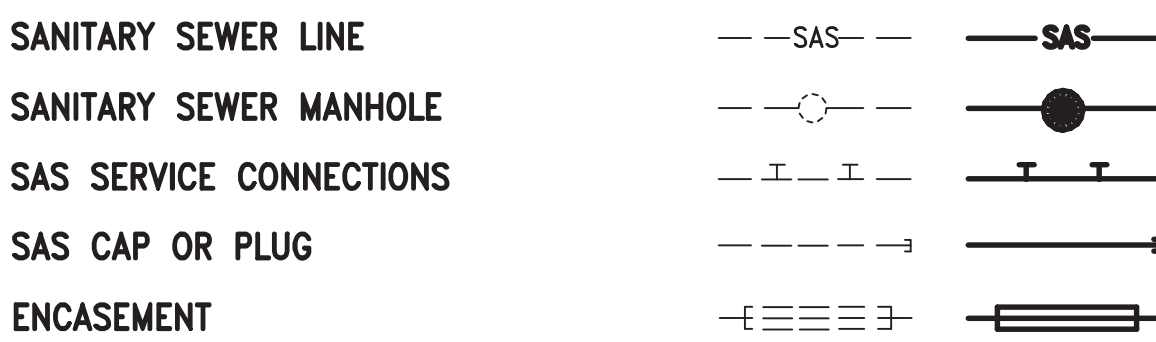
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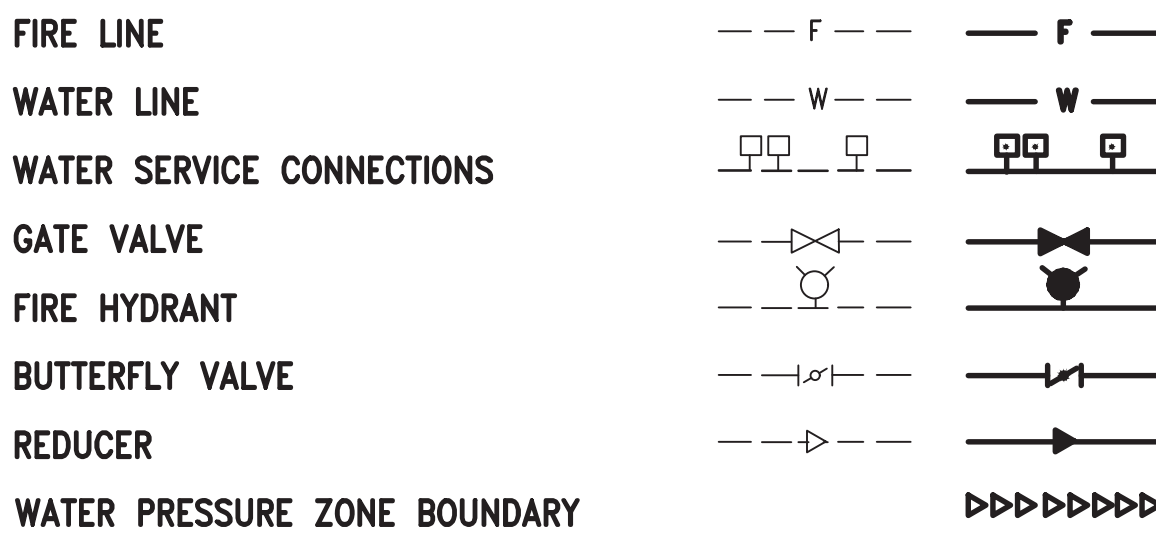
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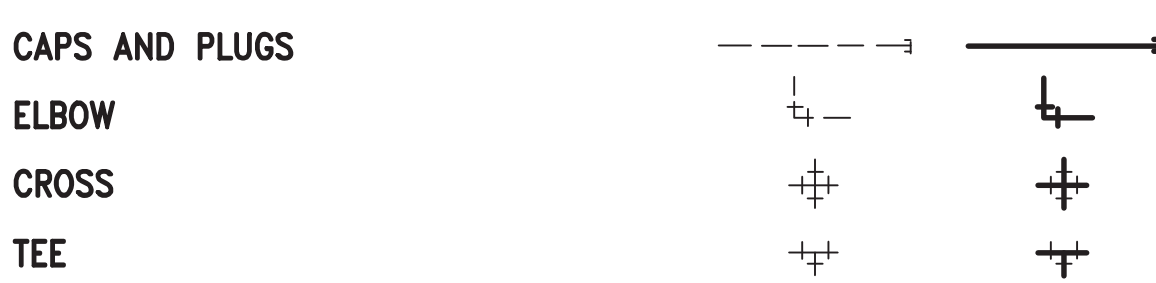
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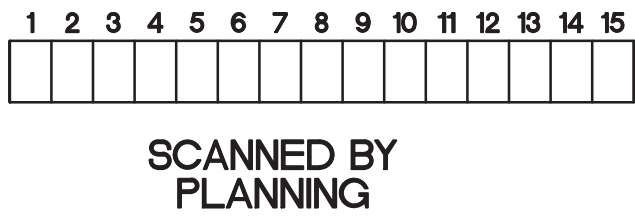
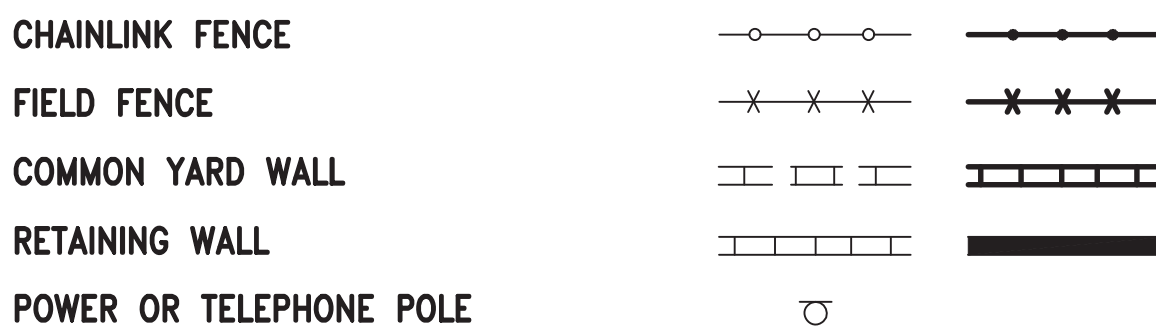
WATER



WATER FITTINGS



MISCELLANEOUS



CONSTRUCTION PLANS
for
MARK 3S EXPANSION
ALBUQUERQUE, NEW MEXICO
NOVEMBER, 2018

RECORD DRAWING

ENGINEER'S CERTIFICATION

I, J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE INFRASTRUCTURE CONSTRUCTED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR PERSONNEL UNDER MY DIRECTION SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE ORIGINAL DESIGN INTENT OF THE CITY ENGINEER APPROVED PLANS DATED 11-30-2018. THE RECORD INFORMATION EDITED ONTO THIS ORIGINAL DESIGN DOCUMENT IS FROM THE AS-BUILT SURVEYS CONDUCTED 5-7-19 & 6-11-19, UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS RECORD INFORMATION IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF DESIGN INTENT OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR ACCEPTANCE OF THE PROJECT BY THE CITY OF ALBUQUERQUE.



ENGINEER'S CERTIFICATION

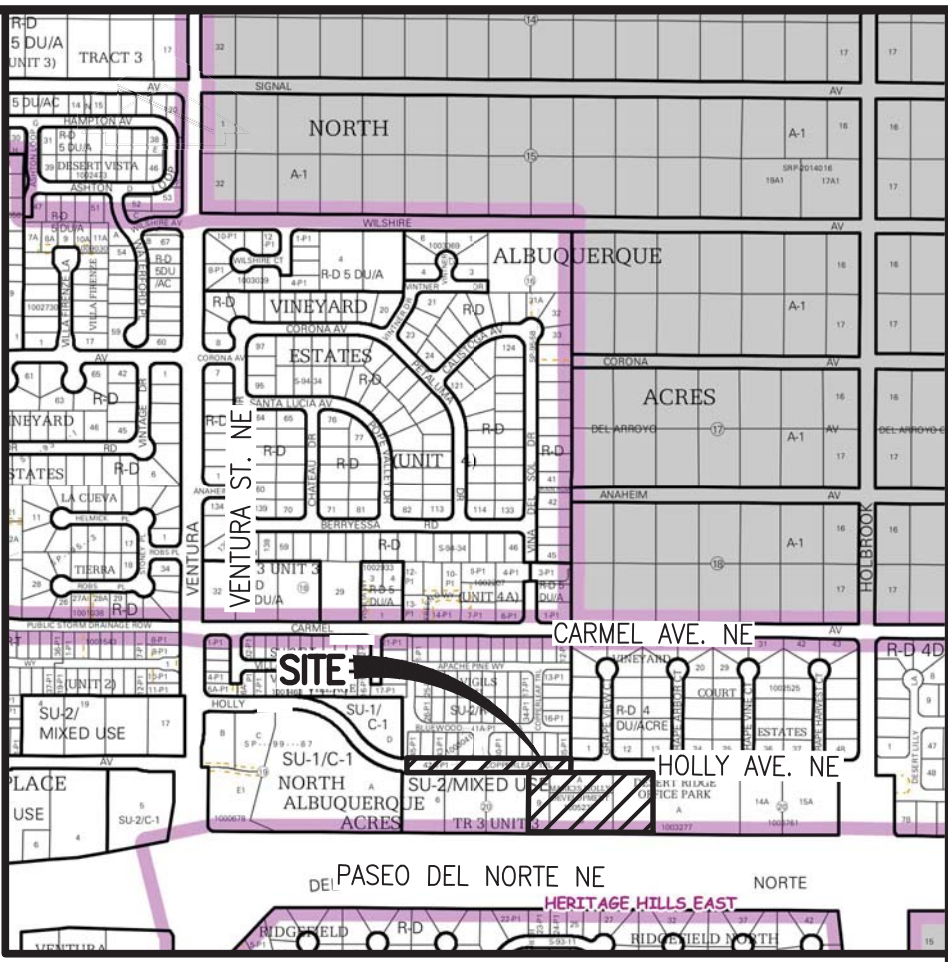
I, J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE AS-BUILT INFRASTRUCTURE CONSTRUCTED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR PERSONNEL UNDER MY DIRECT SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE ORIGINAL DESIGN INTENT OF THE CITY ENGINEER APPROVED PLANS DATED 11-30-2018. THE RECORD INFORMATION EDITED ONTO THIS ORIGINAL DESIGN DOCUMENT IS FROM THE AS-BUILT SURVEY CONDUCTED 5-7-19, UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS RECORD INFORMATION IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF DESIGN INTENT OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR ACCEPTANCE OF THE PROJECT BY THE CITY OF ALBUQUERQUE.



INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2-3	PLAT
4	OVERALL SITE PLAN
5	PAVING SECTIONS AND DETAILS
6	HOLLY AVENUE NE PLAN AND PROFILE STA 19+00 TO STA 22+50
7	HOLLY AVENUE NE PLAN AND PROFILE STA 22+50 TO STA 25+40
8	WATER AND SANITARY SEWER PLAN
9	WATER VALVE SHUTOFF PLAN: SECTIONS AND DETAILS
10	TRACER WIRE SPECIFICATIONS
11	APPROVED GRADING PLAN

APPROVED RECORD DRAWINGS	
City Inspector	Arlene Sandoval
Contractor	Altior Construction Inc.
Construction Engineer	Muhammed Aadeb
Date	8/20/2019



VICINITY MAP
SCALE: 1" = 750'

C-20

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE #9, AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- UTILITY INFORMATION SHOWN HEREON IS BASED UPON ONSITE SURFACE EVIDENCE, REVIEW OF AVAILABLE AS-BUILT AND CITY OF ALBUQUERQUE RECORD DRAWINGS AND DISTRIBUTION MAPS AND UTILITY LINE-SPOTS PROVIDED BY HIGH MESA CONSULTING GROUP (2016.059.1 AND 2016.059.2). IN ADDITION, UTILITY LINE-SPOTS WERE REQUESTED VIA THE NEW MEXICO ON CALL SERVICE (TICKET NOS. 160200007 AND 17AP210205). UTILITY LINES THAT APPEAR ON THESE DRAWINGS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR DAMAGE CAUSED BY THE WORK TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- CONTRACTOR SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CITY SURVEYOR'S PERMISSION. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. 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 STANDARD SPECIFICATIONS SECTION 4.4.
- EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (800-368-5890) FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL THEN EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL PERMANENT EXISTING UTILITIES AND/OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR SHALL THEN COORDINATE WITH UTILITY COMPANIES TO RELOCATE ANY EXISTING UTILITIES AS REQUIRED. ANY DAMAGE CAUSED BY FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY EXISTING UTILITIES IS THE FULL RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS BUILT" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGNAGE, CURB AND GUTTER, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND OTHER JURISDICTIONAL AUTHORITIES WHERE APPLICABLE.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS SHOWN. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ANY SUCH COSTS INCURRED.
- REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE ARRANGED BY THE CONTRACTOR IN COMPLIANCE WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR COSTS ASSOCIATED WITH OBTAINING A DISPOSAL SITE AND HAUL THERETO.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2460 AND 2461.
- MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9. THE CONTRACTOR SHALL INSTALL A 4" X 4" X 5" POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
- TRACER WIRE SHALL BE INCLUDED FOR ALL PUBLIC WATER AND SEWER MAINS AND FOR WATER SERVICES IN ACCORDANCE WITH WATER AUTHORITY DETAILS.
- ANY STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMO-PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
- CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE LINE AND GRADE OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED. CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS, AS APPLICABLE.
- AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPOILOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
- ALL STORM DRAINS SHALL BE RCP CLASS III UNLESS OTHERWISE NOTED ON THE PLANS.
- RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATION. 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 AND WITH CITY APPROVAL.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- WHEN DISTURBING MORE THAN 1/4 ACRES CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO DMD, CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE.
- FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE DMD, CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADING ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS. PERMIT REQUESTS MAY BE DENIED OR DELAYED DUE TO CONFLICTS WITH OTHER PROJECTS IN THE AREA.

REV.	SHEETS	CITY	ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****				
		DRC Chairman			11/20/18	APPROVED FOR CONSTRUCTION				
		Transportation			11/30/18					
		Water/Wastewater			11/30/18					
		Hydrology			11/29/18					
		C.I.P.			11/29/18					
		Const. Mngmt.				City Engineer Date 2/12/19				
		Const. Coord.								
		City Project No.				SHEET 1 OF 11				

DRB CASE NO. 1005237
2017.0145.7

HIGH MESA Consulting Group

6010-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109
Phone: 505.345.4250 • Fax: 505.345.4254 • www.highmesacg.com

VACATION REQUEST AND PLAT OF

OCTOBER, 2017

COUNTY CLERK FILING DATA

DRB PROJECT NUMBER 1005237

APPLICATION NUMBER **17 DBB-70291**

APPROVALS:

DRB CHAIRPERSON, PLANNING DEPARTMENT, CITY OF ALBUQUERQUE, NEW MEXICO DATE 12.8.2017

ABCWUA *mary cash* 10-01-17 DATE

James D. Beall
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 11-29-2017

MAE.C.A. 11-17-2017 DATE

TRAFFIC ENGINEERING	DIVISION	CITY OF ALBUQUERQUE	NEW MEXICO	DATE
				11/29/17

7/1/68
FBI
CITY OF ALBUQUERQUE, NEW MEXICO
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

Loewen M. Rosenhauer P.S. 10/12/17

11-29-17
Satt m. April

11-9-17

11/9/2017

QUEST. CONT. DURATION 9/09 9 CENTURTELEK QC

NEW MEXICO GAS COMPANY

COMCAST CABLE VISION OF NEW MEXICO, INC.

Public Search Company of New Mexico (PNNM), New Mexico Gas Company (NMGC) and Quest Corporation D/B/A CenturyLink do not conduct a Title Search of the properties shown herein. Consequently, PNNM, NMGC and Quest Corporation D/B/A CenturyLink do not waive or release any easement or other rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

SURVEYORS CERTIFICATION

I, Charles G. Cala, Jr., New Mexico Professional Surveyor No. 11194, do hereby certify; that this report and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that the survey shows all easements made known to me by this owner, utility companies, or other parties expressing an interest; that this survey complies with the minimum requirements for Monumentation and Surveys of the Albuquerque Subdivision Ordinance; that this survey meets the Minimum Standards for Surveying in New Mexico, and that it is true and correct to the best of my knowledge and belief.

Charles G. Calhoun, Jr. NMPS 11184

Date 1/2017

VACATION REQUEST AND PLAT OF

TRACTS A-1, C AND D, MARK3S HOLLY DEVELOPMENT

ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

OCTOBER, 2017

Notes:

1. A boundary survey was performed in December, 2016 and January, 2017, and verified in October, 2017. Property corners were found or set as indicated.
2. All distances are ground distances.
3. Site located within projected Section 17, Township 11 North, Range 4 East, N. (El Encino Galleros Grant).
4. Bearings shown hereon are New Mexico State Plane Azimuth Bearings, Central Zone (NAD 83). These bearings are positioned from A.G.R.S. Control Station 7-820.
5. Record bearings and distances are shown in parenthesis.
6. Public street mileage created by this plat = 0.11 miles (half-width).
7. The purpose of this plat is to:
 - a. Eliminate the interior property lines to create 3 (three) tracts from Lots 6, 7, 8 and the west-half of lot 9, Block 20, North Albuquerque Acres, Tract 3, Unit 3; together with Tracts A and B, MARK3S Holly Development.
 - b. Grant the necessary Public Utility Easement and Private Drainage Easement, as shown.
 - c. Vacate that portion of the Public Utility Easement, as shown (Keyed Note 1A); also vacate the Private Sanitary Sewer Easement, as shown (Keyed Note 4); and also vacate the Private Water Line Easement, as shown (Keyed note 5).
 - d. Vacate the easement reservations contained in the Patent from the United States of America, as shown (Keyed Note 10); also vacate the nonspecific easements and/or right-of-ways for road and/or pipeline purposes (water, gas or sewage), telephone and electrical energy, as shown (Keyed Note 11).
 - f. Dedicate in fee simple with Warranty Covenants the half-width of Holly Avenue N.E. (0.3977 acres ±), as shown (Keyed Note 7).
 - g. Incorporate the vacation of a portion of the public right-of-way of Holly Avenue N.E. (0.0272 acres ±), as shown (Keyed Note 8).
8. The following documents and instruments were used for the performance and preparation of this survey:
 - a. Plat of North Albuquerque Acres, Tract 3, Unit 3, filed 09-10-1931, Plat Book D, Page 121, Doc. #1931091031, Records of Bernalillo County, New Mexico.
 - b. Plat of North Albuquerque Acres, Tract 3, Unit 3, filed 04-15-1999, Plat Book 99C, Page 891, Doc. #1999050938, Records of Bernalillo County, New Mexico.
 - c. Plat of Los Vigils, filed 05-01-2003, Plat Book 2003C, Page 118, Doc. #2003072621, Records of Bernalillo County, New Mexico.
 - d. Plat of MARK3S Holly Development, filed 03-01-2007, Plat Book 2007C, Page 49, Doc. #2007033385, Records of Bernalillo County, New Mexico.
 - e. Special Warranty Deed filed 12-09-2016, Doc. #2016115276, Records of Bernalillo County, New Mexico (Lots 6, 7, 8 & west-half of Lot 9).
 - f. Owner's Policy of Title Insurance Policy No. 0-SP000012354, prepared by Fidelity National Title Insurance Company dated 12-09-2016. (Lots 6, 7, 8 & west-half of Lot 9).
 - g. Boundary Survey, dated 05-16-2017, prepared by this firm for Lots 6, 7, 8, west-half of Lot 9 (unrecorded).
9. Gross subdivision acreage = 4.8424 acres.
10. Current Zoning on site is SU-2/Mixed Use, based upon review of the City of Albuquerque Zone Atlas and web site.
11. No property within the area of requested final action shall at any time be subject to a deed restriction, covenant, or binding agreement prohibiting solar collection from being installed on buildings or erected on the lots or parcels within the area of the proposed plat.

No property within the area of requested final action shall at any time be subject to a deed restriction, covenant, or binding agreement prohibiting solar collectors from being installed on buildings or erected on the lots or parcels within the area of the proposed plat.

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HIGH MESA Consulting Group

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com

JOB #2016.059.3 PLAT1

RECORD DRAWING

CNP NO. 718783
2017.014.5

Shee

2



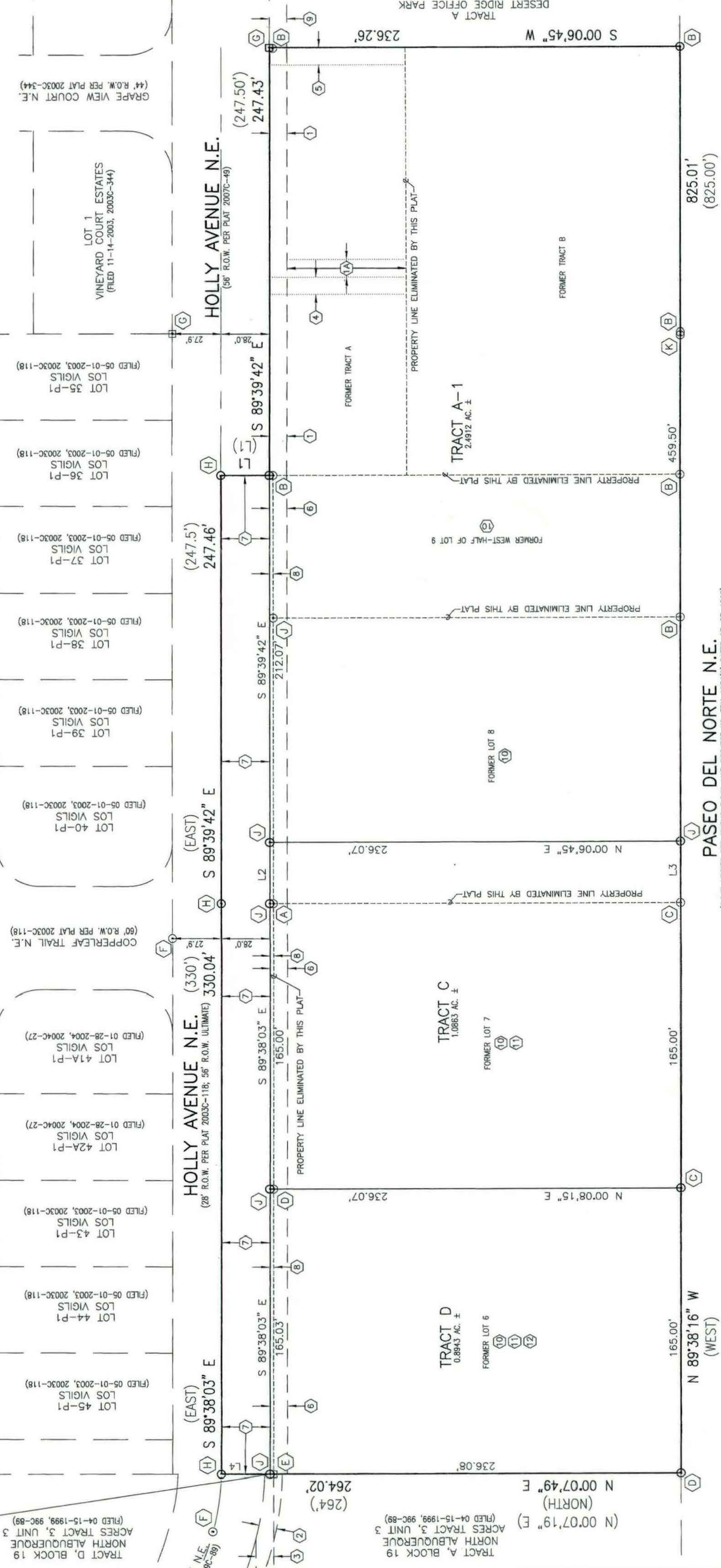
SCALE: 1" = 40'



NEW MEXICO CENTRAL ZONE-NAD 83
NAD 83 STATE PLANE
X=1,553,078.775 (U.S. SURVEY FEET)
Y=1,929,990.435 (U.S. SURVEY FEET)
CENTROID POINT
DELTA ALPHA=-00°10'06.48"
ELEVATION=5566.658' (NAVD 88, U.S. SURVEY FEET)
N 08°27'07" W (GRID)
5636.80' (GROUND)

VACATION REQUEST AND PLAT OF
TRACTS A-1, C AND D, MARK3S HOLLY DEVELOPMENT
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2017

DOCH 2017119919
19/03/2017 09:38:50 Page 3 of 3
ALBUQUERQUE, BERNALILLO COUNTY



PASEO DEL NORTE N.E.
(R.O.W. VARIES PER MNSHC R.O.W. MAP PROJECT NO. TPU 4054(2) DATED 05-07-1993)

BOUNDARY TABLE

LINE	DIRECTION	DISTANCE
L1	S 00°06'45" W	27.95'
L2	S 89°39'42" E	35.41'
L3	N 89°38'16" W	25.51'
L4	N 00°07'49" E	27.95'

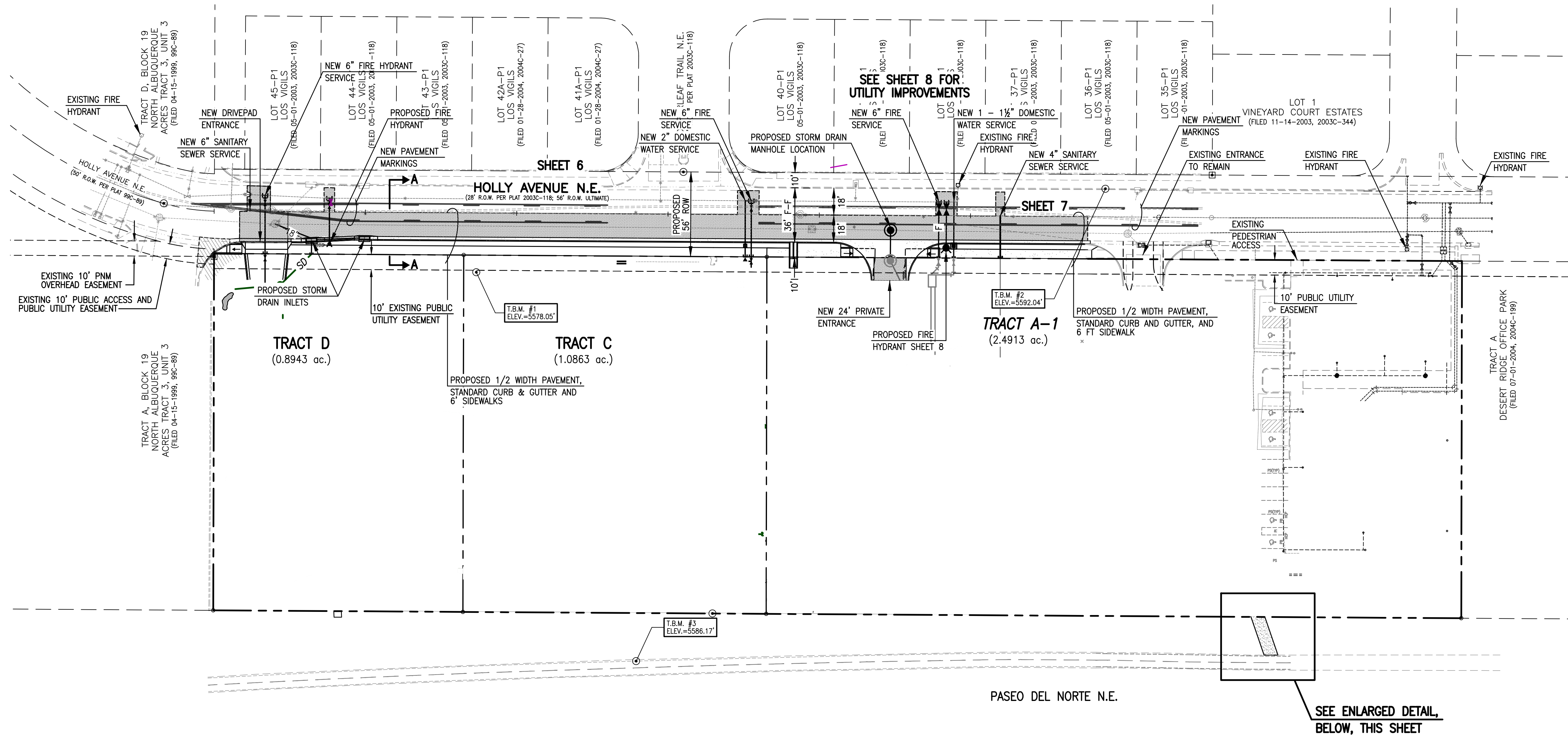
HIGH MESA Consulting Group
6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
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RECORD DRAWING

CPN NO. 718783
2017.014.5

Sheet

3 of 11



Plan view of the Paseo del Norte N.E. (NM 423) connection detail. The diagram shows a proposed 9' PCC sidewalk and 9' multi-use trail. Key features include:

- Match Existing Grade at the top.
- Tract A-1 to the right.
- R.O.W. Paseo del Norte with a 5600' dimension.
- Stationing points: 99.00, 99.96 (PCC), 99.95 (EXIST.), 98.57 (EXIST.), 98.58 (PCC), 98.85 (EXIST.), 98.90 (PCC).
- Slopes: 1:30 and 1:1.
- Construction notes: "CONSTRUCT 9' PCC SIDEWALK PER COA STD DWG 2430" and "EXISTING ASPHALT MULTI-USE TRAIL".
- Match Existing Grade at the bottom.
- A north arrow pointing towards the top right.

NOTE: SCALE: 1"=20'
ANY WORK WITHIN NMDOT R.O.W. MUST MEET
NMDOT SPECS IN PARTICULAR STANDARD
DRAWING SERIES 608

DRB CASE NO. 1005237
2017.014.57

HIGH MESA Consulting Group
Engineers, Surveyors & Sustainable Utility Consultants

0-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109
ne: 505.345.4250 • Fax: 505.345.4254 • www.highmesacg.com

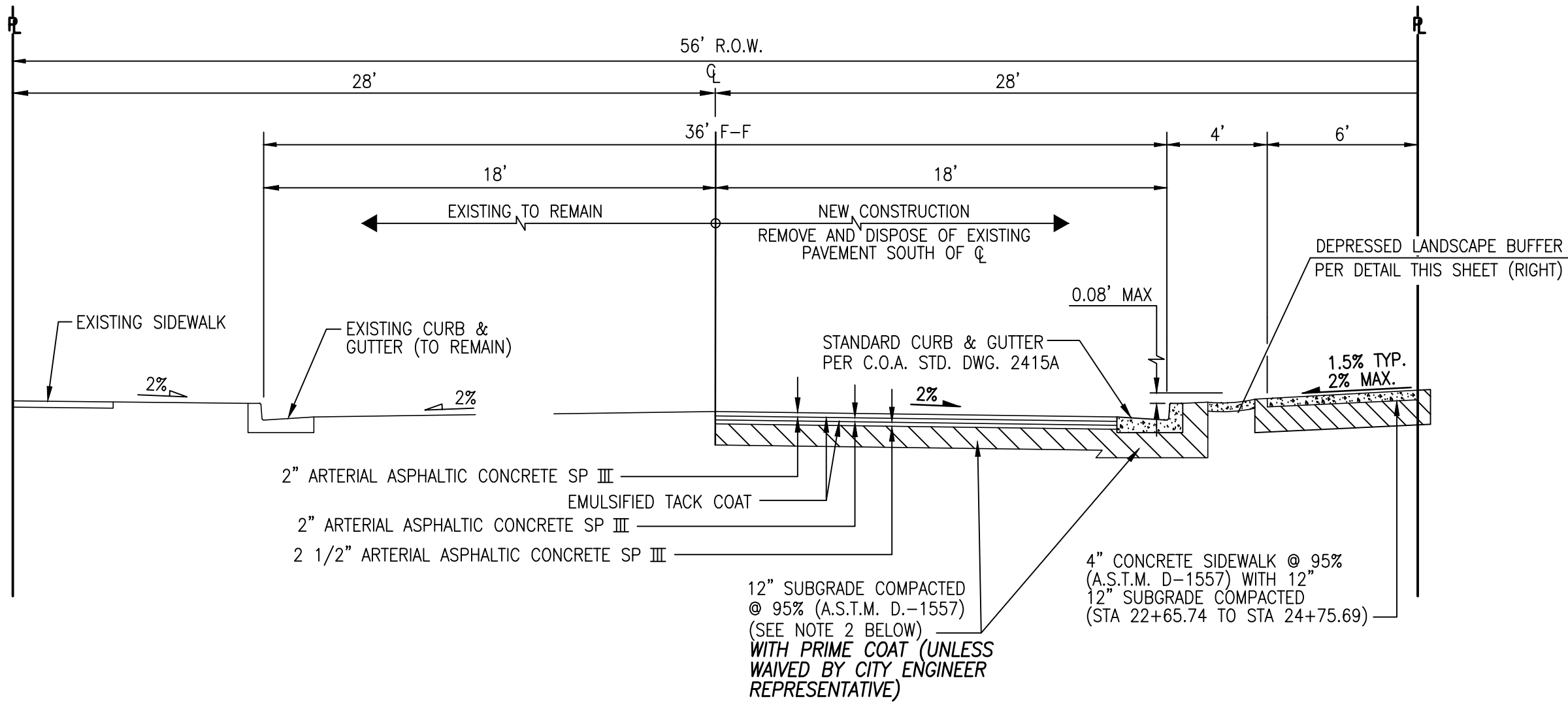
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: OVERALL SITE PLAN
MARK 3S EXPANSION
INFRASTRUCTURE IMPROVEMENT:

[illegible]

City Project No.	718783	Zone Map No.	C-20	Sheet	4	Of	11
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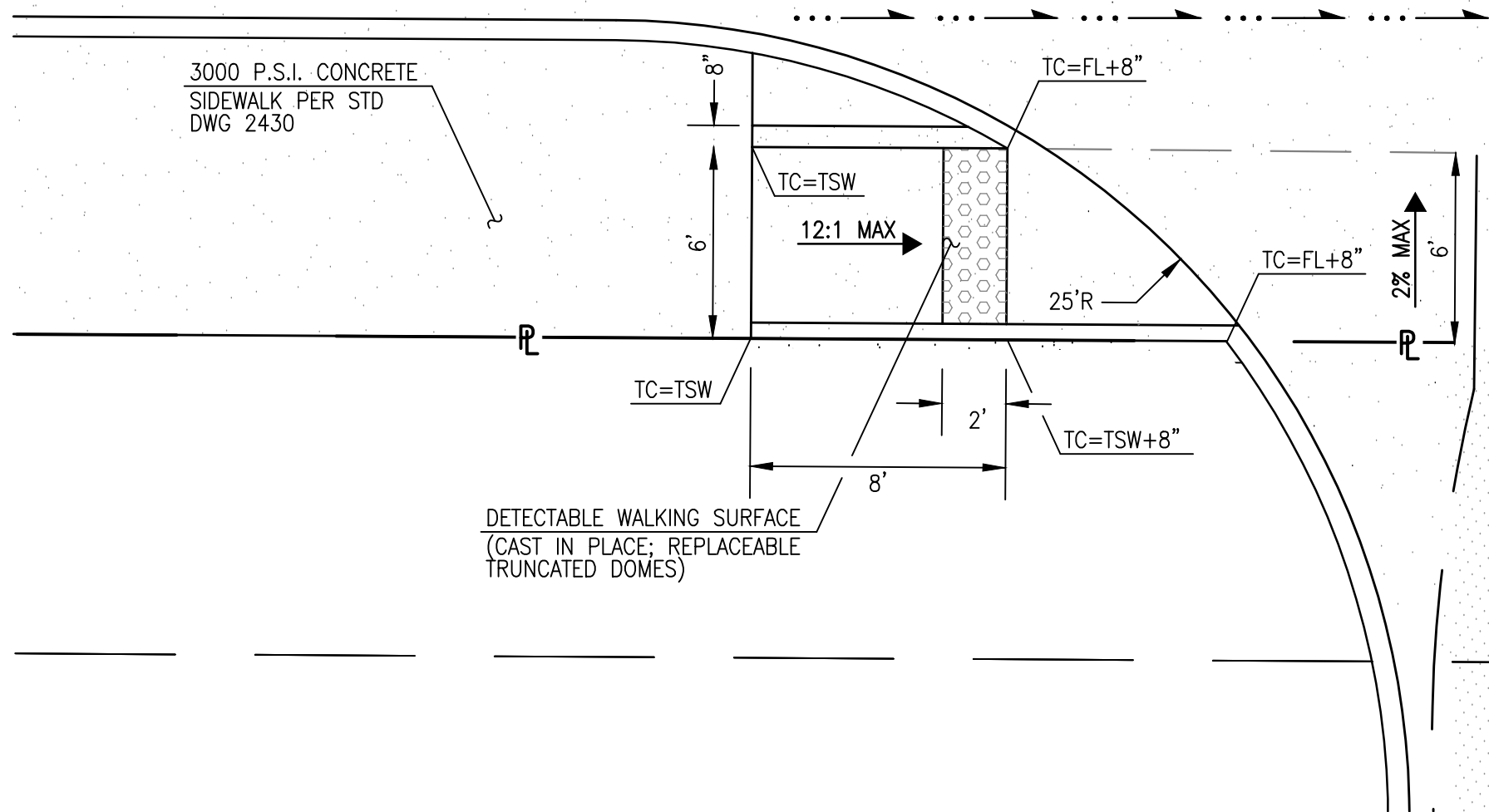
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SECTION A-A (HOLLY AVE. N.E.)

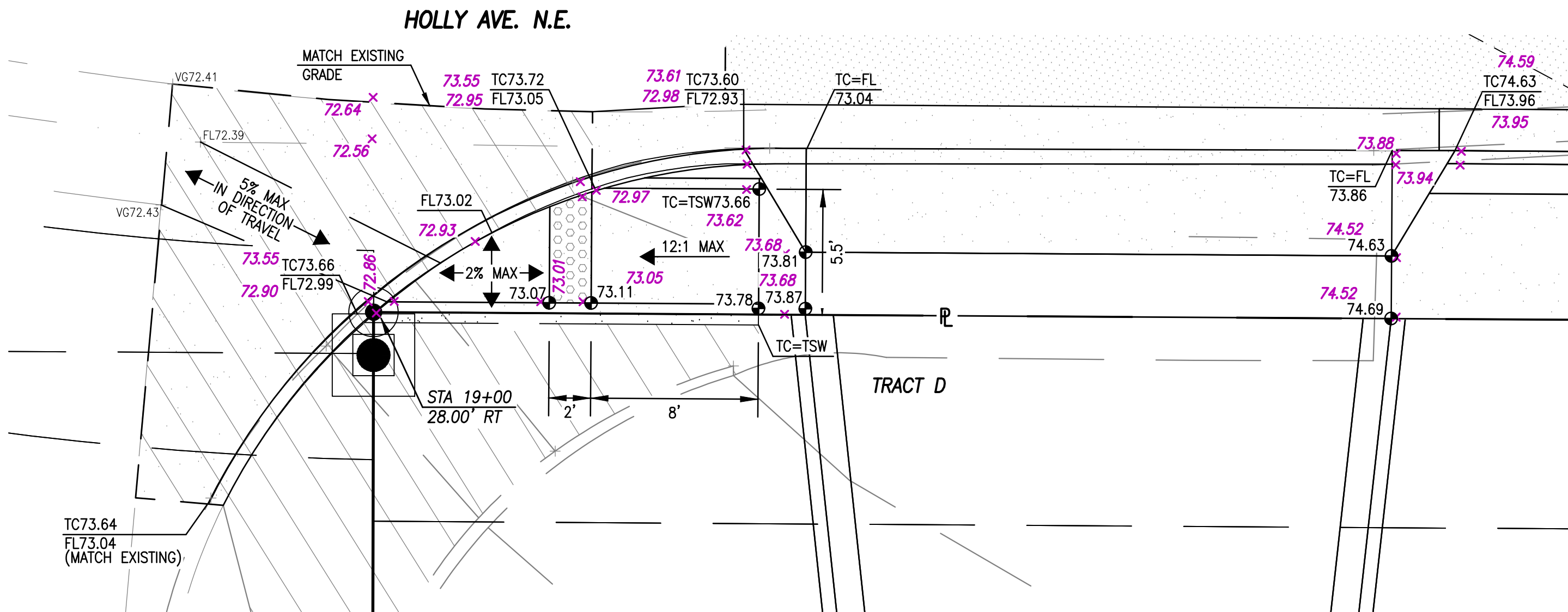
SCALE: 1" = 5'

- NOTES:
- 1) PAVEMENT SECTION ADAPTED FROM CONSTRUCTION PLANS FOR "FURR'S - PASEO DEL NORTE - VENTURA" PREPARED BY D. MARK GOODWIN & ASSOCIATES, PA. CONSULTING ENGINEERS, 8-11-99 CITY PROJECT #601982. PAVEMENT SECTION WAS ALSO USED FOR CPN 708481. (NORTH SIDE OF STREET AND PREVIOUS MARK 3S PROJECT TO EAST)
 - 2) CONTRACTOR SHALL TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, CONTRACTOR SHALL REMOVE 2FT. OF SUBGRADE MATERIAL AND IMPORT SUITABLE MATERIAL WITH R-VALUE 50 OR GREATER.



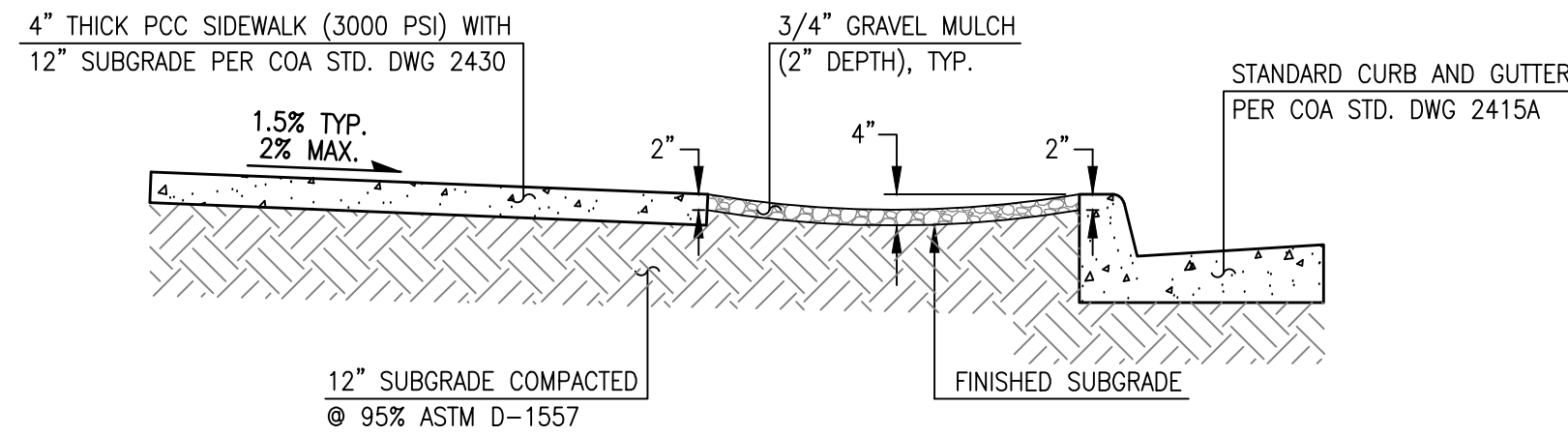
ACCESS RAMP DETAIL

SCALE: 1" = 5'-0"



DRIVEPAD DETAIL

SCALE: 1" = 5'-0"



LANDSCAPE BUFFER

SCALE: 1" = 2'-0"

LANDSCAPE BUFFER NOTES:

1. BUFFER TO BE 3" DEEP WHEN THE DISTANCE BETWEEN THE BACK OF CURB AND SIDEWALK IS 4'.
2. FINAL GRADE OF SOIL TO BE 2" BELOW TOP OF CURB AND TOP OF SIDEWALK GRADE.
3. SURFACE BETWEEN BACK OF CURB AND SIDEWALK TO BE COVERED WITH GRAVEL MULCH (MINIMUM 2"), COBBLES OR RIP-RAP. DO NOT FILL ENTIRE DEPRESSED BUFFER.
4. LANDSCAPE FABRIC IS RECOMMENDED, BUT NOT REQUIRED. BETWEEN THE DIRT AND THE STONE, IF LANDSCAPE FABRIC IS TO BE USED IT IS TO BE PERMEABLE.

RECORD DRAWING LEGEND

25.2 RECORD INFORMATION FROM AS-BUILT SURVEY

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET 1

HIGH MESA Consulting Group
Engineers, Planners & Scientists/Utility Consultants
6010-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109
Phone: 505.345.4250 • Fax: 505.345.4254 • www.highmesacg.com

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ENGINEERING DEVELOPMENT GROUP

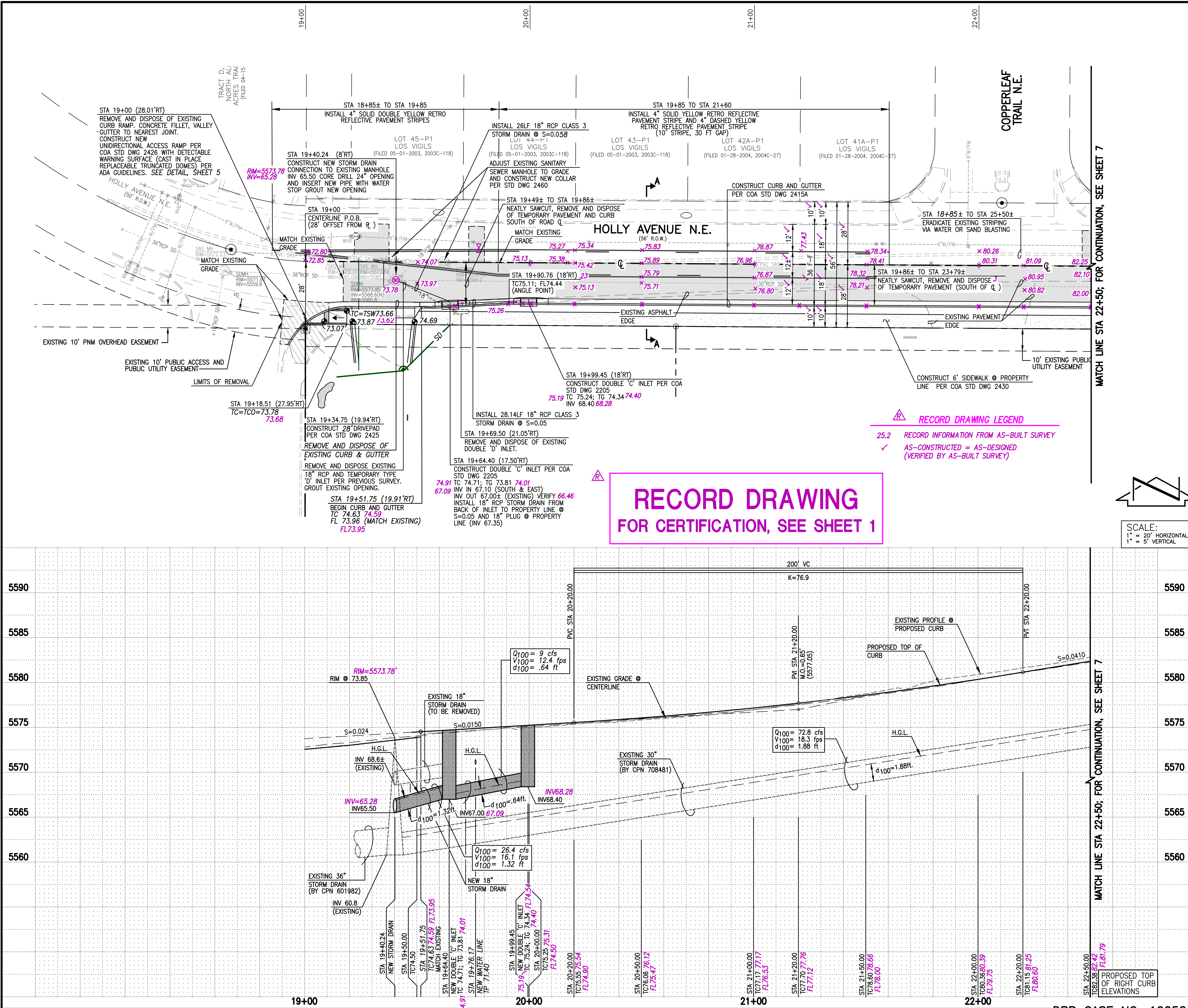
TITLE: PAVING SECTIONS AND DETAILS
MARK 3S EXPANSION
INFRASTRUCTURE IMPROVEMENTS

Design Review Committee	City Engineer Approval	Ms./Day/Yr.	Ms./Day/Yr.
NOV 30 2018 DESIGN REVIEW COMMITTEE	FEB 12 2019 CITY ENGINEER		
Last Design Update			

City Project No. 718783 Zone Map No. C-20 Sheet 5 Of 11

DRB CASE NO. 1005237
2017.014.57

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	AN AGRS 3 1/4" ALUMINUM DISC STAMPED "7-B20 1995" RIVETED TO A PIPE SET FLUSH WITH THE GROUND, ON THE WEST SIDE OF VENTURA STREET N.E. HALF WAY BETWEEN GLENDALE AVENUE AND FLORENCE AVE N.E. ELEVATION = 5566.658 FEET (NAD 88)	DATE	NO.	DATE		
ALTER	DATE		DATE	BY	DATE		
INSPECTOR'S SIGNATURE	DATE		DATE	NO.	DATE	REMARKS	
FIELD VERIFICATION BY	DATE		DATE	NO.	DATE		
CONTRACTOR'S SIGNATURE	DATE		DATE	NO.	DATE	DESIGN	
FIELD VERIFICATION BY	DATE		DATE	NO.	DATE		
MICRO-FILM INFORMATION		RECORDED BY		DATE		DESIGNED BY	
		NO.				R.J.C.	
						DRAWN BY	
						S.C.C./J.Y.R.	
						CHECKED BY	
						GM	



STREET PAVING NOTES

- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
- WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER AND SIDEWALK SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR PER CITY OF ALBUQUERQUE STD. DWGS 2415A AND 2430, RESPECTIVELY, AT THE CONTRACTOR'S EXPENSE.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
- ALL WHEELCHAIR ACCESS RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER. DETECTABLE WARNING SURFACES (CAST-IN-PLACE REPLACEABLE TRUNCATED DUMES) MUST BE CONFORM TO ADA GUIDELINES. THE CONTRACTOR SHALL SUBMIT SURFACE SPECIFICATIONS TO THE CONSULTING ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- ALL CURB AND GUTTER SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415A UNLESS OTHERWISE NOTED.
- UPON COMPLETION OF CONSTRUCTION, THE CITY OF ALBUQUERQUE WILL PROVIDE AND INSTALL ALL STREET SIGNS; COORDINATE INSTALLATION BY TRAFFIC OPERATIONS THROUGH CONSTRUCTION ENGINEER, DRG CONSTRUCTION SECTION, CITY OF ALBUQUERQUE PLANNING DEPARTMENT.
- STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE. COORDINATE WITH THE CITY OF ALBUQUERQUE CONSTRUCTION ENGINEER.

LEGEND

[Symbol] EXISTING ASPHALT EDGE

[Symbol] EXISTING PAVEMENT EDGE

RCP STORM DRAIN NOTES:

- ALL STORM DRAIN TO BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 6' DIAMETER TYPE 'C' PER CITY OF ALBUQUERQUE STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.
- ALL STATIONING SHOWN HEREON IS BASED ON STREET CENTERLINE UNLESS OTHERWISE NOTED. SLOPES ARE BASED ON TRUE LENGTH OF PIPE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- 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 APPROVAL.

RECORD DRAWING LEGEND

25.2 RECORD INFORMATION FROM AS-BUILT SURVEY

✓ AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)

NOTE:

THIS IS NOT A BOUNDARY PLAT; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE PLAT OF RECORD (2017C-0146, RECORDED 12-18-2017).

UNLESS OTHERWISE NOTED THE TOPOGRAPHIC AND UTILITY INFORMATION DEPICTED HEREON IS BASED UPON THE EXISTING TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY THIS FIRM, NMPS NO. 11184, DATED 01/10/2017 (2016.059.1), ALSO A PARTIAL TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY THIS FIRM, NMPS NO. 11184, DATED 05/16/2017 (2016.059.2), AND ALSO A TOPOGRAPHIC SURVEY PREPARED BY THIS FIRM, NMPS NO. 11184, DATED 10/24/2006 (2006.070.1), AND ALSO THE RECORD DRAWINGS PREPARED BY THIS FIRM, NMPE 13676, DATED 09/27/2007 (2006.070.9).

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
HOLLY AVE., NE PLAN AND PROFILE
STA. 19+00.00 TO STA. 22+50.00
MARK 3S EXPANSION INFRASTRUCTURE IMPROVEMENTS

Design Review Committee
NOV 30 2018

City Engineer Approval
FEB 12 2019
CITY ENGINEER

Last Design Update

NO.	DATE	REMARKS
1	06/19	AS-BUILT AND CERTIFY

DESIGNED BY	DRAWN BY	CHECKED BY
RJC	S.C.C./J.Y.R.	GM

DATE	DATE	DATE
11/2018	11/2018	11/2018

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALDR	DATE	BY	NO.	NO.	DATE
ALDR	06-18	HMCG	06-19	HMCG	2016.059.1	2016.059.1	11-14-2018
INSPECTOR	06-19	HMCG	06-19	HMCG	2016.059.1	2016.059.1	11/30/2018
FIELD	06-19	HMCG	06-19	HMCG	2016.059.1	2016.059.1	11/30/2018
VERIFICATION	06-19	HMCG	06-19	HMCG	2016.059.1	2016.059.1	11/30/2018
CORRECTED BY	06-19	HMCG	06-19	HMCG	2016.059.1	2016.059.1	11/30/2018
RECORDED BY	06-19	HMCG	06-19	HMCG	2016.059.1	2016.059.1	11/30/2018

City Project No.	Zone Map No.	Sheet	Of
718783	C-20	6	11

MATCH LINE STA 22+50; FOR CONTINUATION, SEE SHEET 6

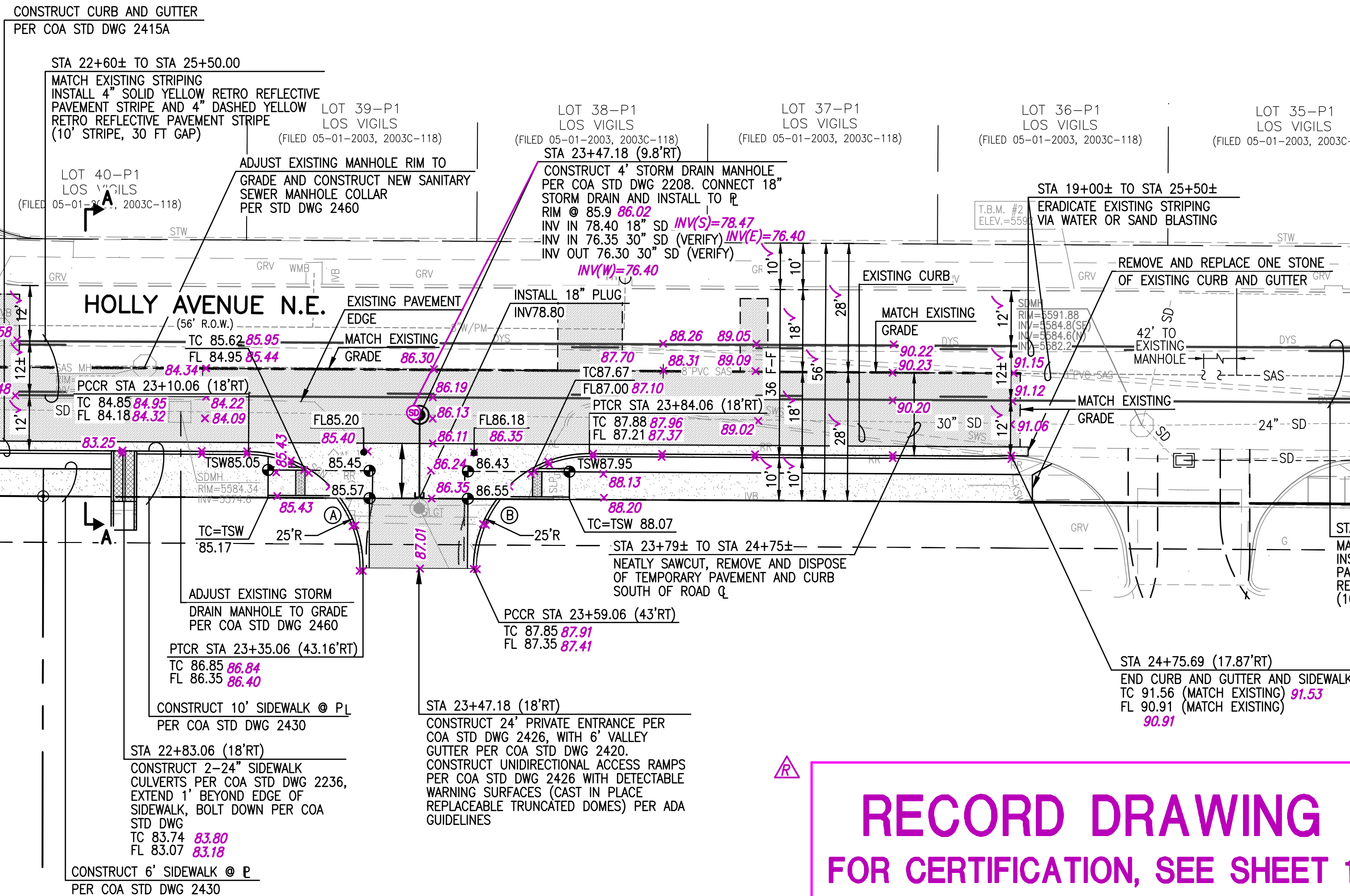
MATCH LINE STA 22+50; FOR CONTINUATION, SEE SHEET 6

22+00

23+00

24+00

25+00



**RECORD DRAWING
FOR CERTIFICATION, SEE SHEET 1**

CURVE TABLE (FACE OF CURB)

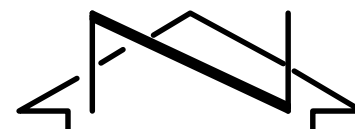
CURVE	RADIUS	ARC LENGTH	DELTA
(A)	25'	39.27	89°39'42"
(B)	25'	39.12	90°0'00"

ENTRANCE QUARTER POINTS: (CLOCKWISE)

(A)	TC	FL	(B)	TC	FL
1	85.42	84.75	1	87.50	87.09
2		85.14	2		87.69
3	86.35	85.85	3	87.72	87.05

RECORD DRAWING LEGEND

- 25.2 RECORD INFORMATION FROM AS-BUILT SURVEY
✓ AS-CONSTRUCTED = AS-DESIGNED
(VERIFIED BY AS-BUILT SURVEY)



SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

STREET PAVING NOTES

- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
- WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER AND SIDEWALK SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR PER CITY OF ALBUQUERQUE STD. DWGS 2415A AND 2430, RESPECTIVELY, AT THE CONTRACTOR'S EXPENSE.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
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RCP STORM DRAIN NOTES:

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- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
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LEGEND

- PROPOSED CONCRETE PAVING
PROPOSED ASPHALT PAVING

NOTE:

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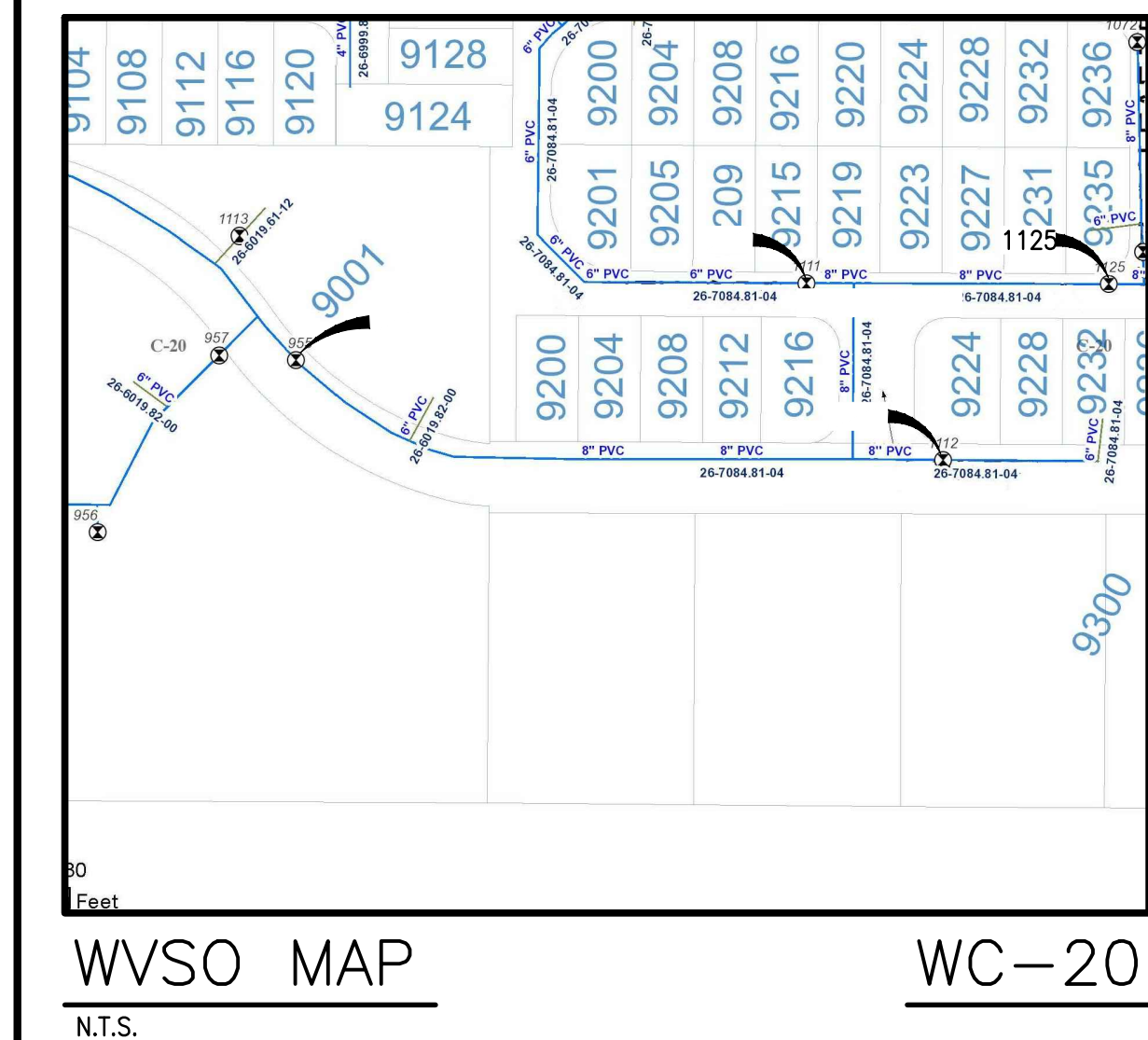
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **MARK 3S EXPANSION
INFRASTRUCTURE IMPROVEMENTS**

Design Review Committee	City Engineer Approval	AS-BUILT AND CERTIFY	REMARKS	NO.	DATE
APPROVED NOV 3 0 2018 DESIGN REVIEW COMMITTEE	APPROVED FEB 12 2019 CITY ENGINEER	06/19	Revisions DESIGN		
Last Design Update					



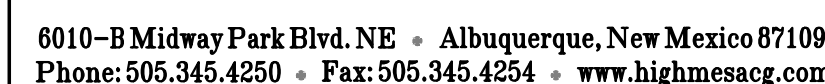
 RECORD DRAWING LEGEND	
CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
✓	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
36" 42"	RECORD INFORMATION FROM AS-BUILT SURVEY
25.2	RECORD INFORMATION FROM AS-BUILT SURVEY
28.95/92	RECORD INFORMATION FROM AS-BUILT SURVEY

1. THE FOLLOWING VALVES CAN BE CLOSED TO ISOLATE THE PROPOSED NON-PRESSURE CONNECTIONS:
 - **NON-PRESSURE** CONNECTION #1; VALVE #1112
 - **NON-PRESSURE** CONNECTION #2; VALVE #1112
 - **NON-PRESSURE** CONNECTION #3; VALVE #955, #1111, #1125
 - **NON-PRESSURE** CONNECTION #4; VALVE #1111, #955, #1125
 - **NON-PRESSURE** CONNECTION #5; VALVE #1125, #1111, #955
2. WATER AUTHORITY PERSONNEL SHALL PERFORM ALL SHUTOFFS. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES THAT MAY AFFECT SYSTEM OPERATIONS.
3. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF 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://www.abcwua.org/Water_Shut_off_and_Turn_on_Procedures.aspx
4. WITHIN FIVE (5) DAYS AFTER RECEIPT OF CONTRACTOR'S SHUTOFF REQUEST, TRIAL SHUTOFFS WILL BE CONDUCTED. THE WATER AUTHORITY TO FURNISH LABOR AND APPURTENANCES NECESSARY TO VERIFY COMPLETENESS OF SHUTOFFS.
5. THE CONTRACTOR SHALL HAVE ALL FITTINGS, MATERIALS AND EQUIPMENT ON SITE PRIOR TO VALVE SHUTOFF. ALL EXCAVATION SHALL BE COMPLETED PRIOR TO VALVE SHUTOFF TO MAINTAIN SAFE SYSTEM OPERATION WHILE UNDER PRESSURE.
6. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT ALL NECESSARY SHUTOFFS AND CONNECTIONS.
7. EXISTING WATER VALVE AND WATER LINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, MAP GRID WB-15 AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT THE WATER AUTHORITY PROVIDE ANY AFFECTED PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.

ITEM	LOCATION		NAD' 83 GRID COORDINATES (US SURVEY FEET)		
			NORTHING	EASTING	ELEVATION
VALVE 'A'	STA 23+79.06 (9.11'LT)		1519358.568	1554386.51	5585.365
VALVE 'B'	STA 23+84.06 (9.11'LT)		1519358.557	1554391.098	5585.682
VALVE 'C'	STA 22+51.06 (9.13'LT)		1519358.993	1554260.591	5580.104
VALVE 'D'	STA 19+76.17 (9.07'LT)		1519360.487	1553984.211	5573.313
VALVE 'E'	STA 19+33.60 (10.70'LT)		1519362.452	1553939.867	5572.381
FH 'A'	STA 23+84.06 (21.23RT)		1519331.178	1554391.304	5588.461
FH 'B'	STA 19+76.17 (21.23'RT)		1519332.584	1553983.894	5575.689
1-1/2" DOM. SERVICE	STA 23+89.06 (18'RT)		1519330.552	1554395.914	5588.201
1-2" DOM. SERVICE	STA 23+89.06 (20.6'RT)		1519331.341	1554257.55	5582.505

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 4"-12", WATER MAIN SHALL BE PVC C-900 DR18 PIPE OR AS APPROVED BY THE WATER AUTHORITY. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC. 1½" WATER SERVICE SHALL BE COPPER OR MUNIPEC PIPE.
3. FOR ALL LINES LARGER THAN 12", WATER MAIN SHALL BE DUCTILE IRON OR PVC C-905 OR AS APPROVED BY THE WATER AUTHORITY. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE) FOR ALL LINES 12" OR SMALLER; 4'-0" MINIMUM COVER FOR LINES 14" OR LARGER. EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DEVICES (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALLIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
8. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
9. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED ON EACH SIDE OF THE FITTING.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND SHORING ALL EXISTING UTILITIES AND OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
13. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY THE WATER AUTHORITY PERSONNEL.
14. NEW WATER LINE INSTALLATIONS SHALL INCLUDE INSULATED 12 GAUGE COPPER TRACER WIRE INSTALLED CONTINUOUSLY ALONG THE PIPE WITH WATER-PROOF SPLICE BOXES AT JUNCTIONS AND TEES. TRACER WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE SERVICE TRACER WIRE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-35).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. SEWER SERVICE LATERALS AND MAINS SHALL BE PROVIDED WITH ELECTRONIC MARKER DEVICES (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE SUBJECT TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED AN INCIDENT TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
8. ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "C" MANHOLES PER CITY OF ALBUQUERQUE STD. DWG. 2101 UNLESS OTHERWISE NOTED.



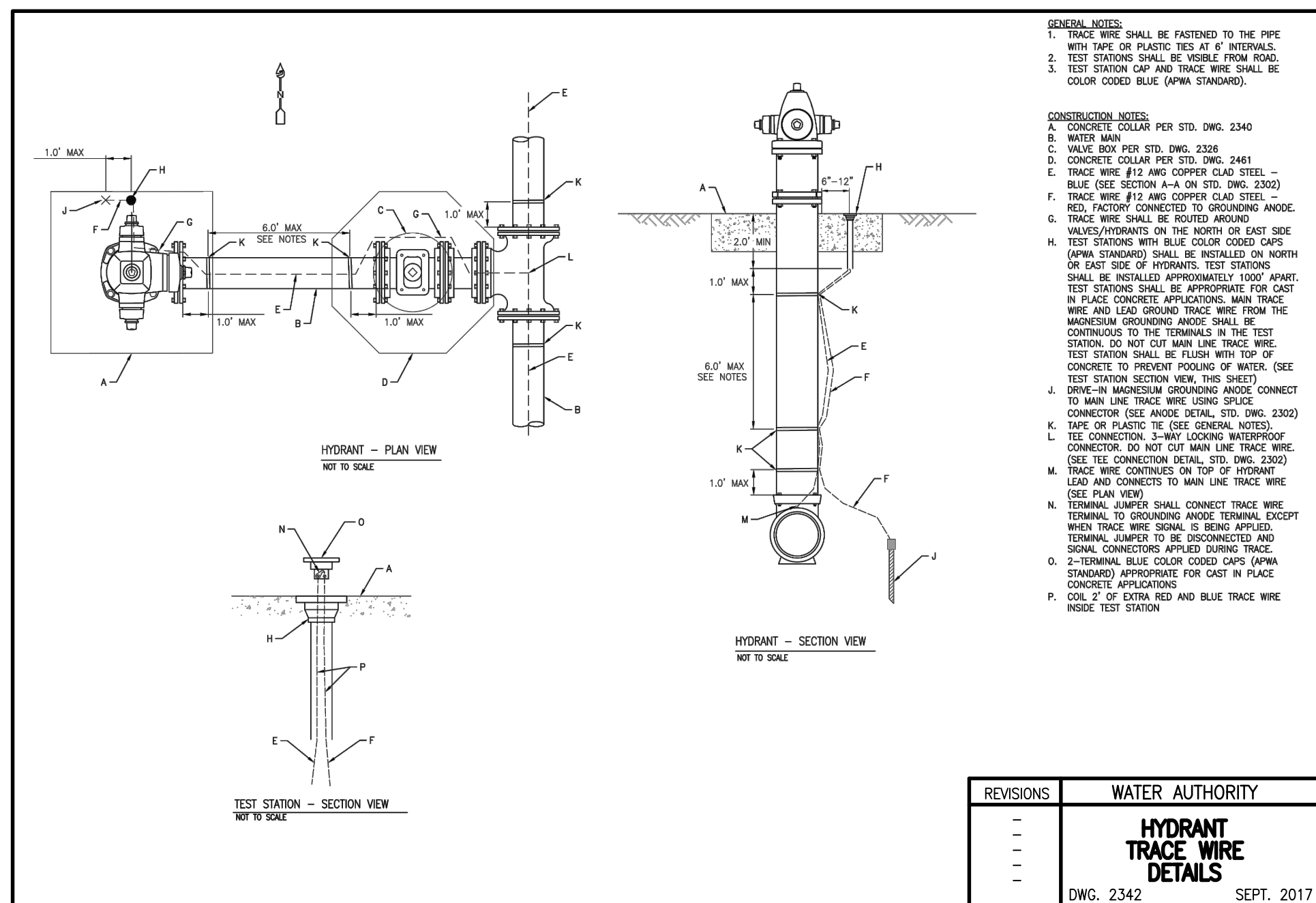
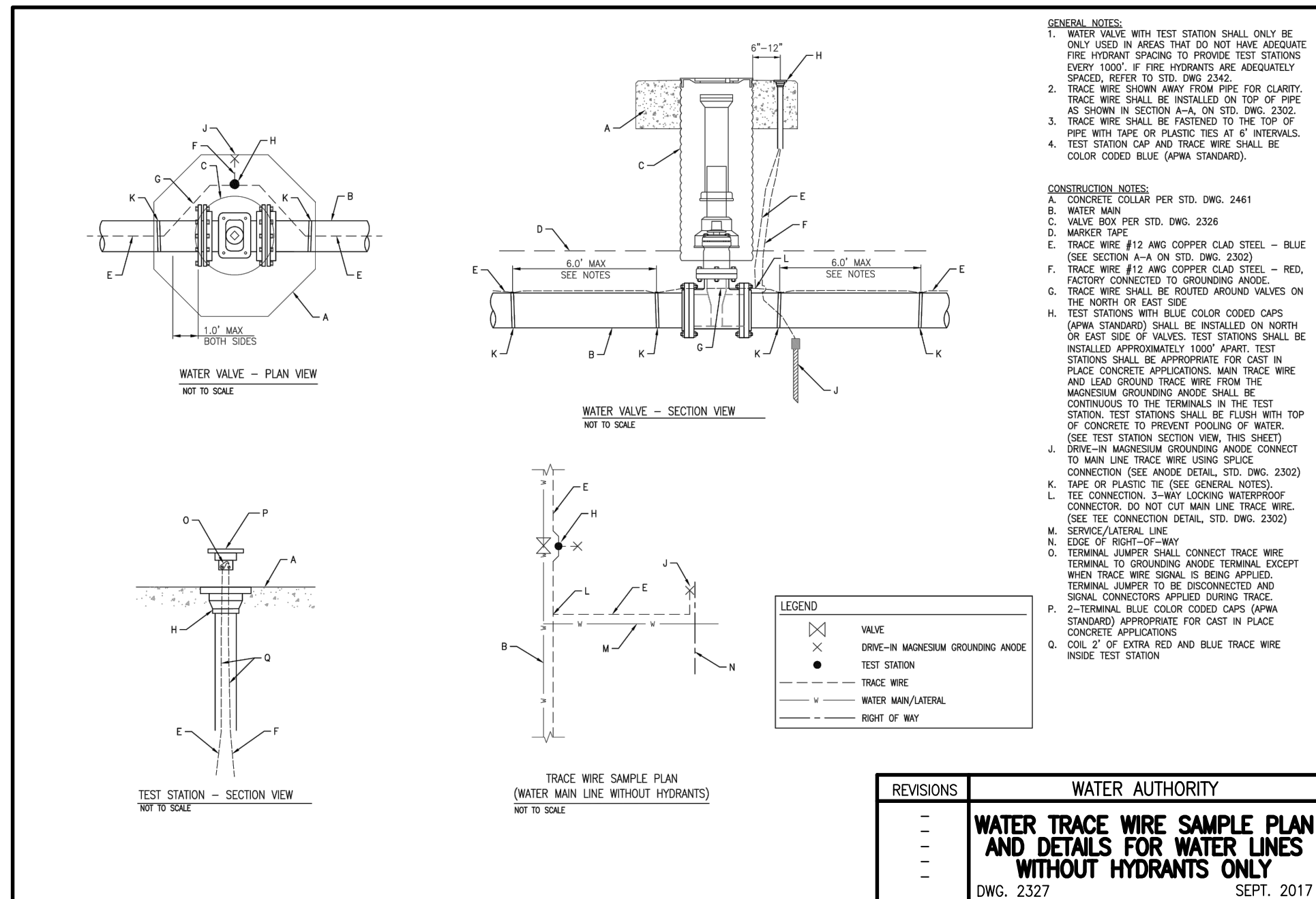
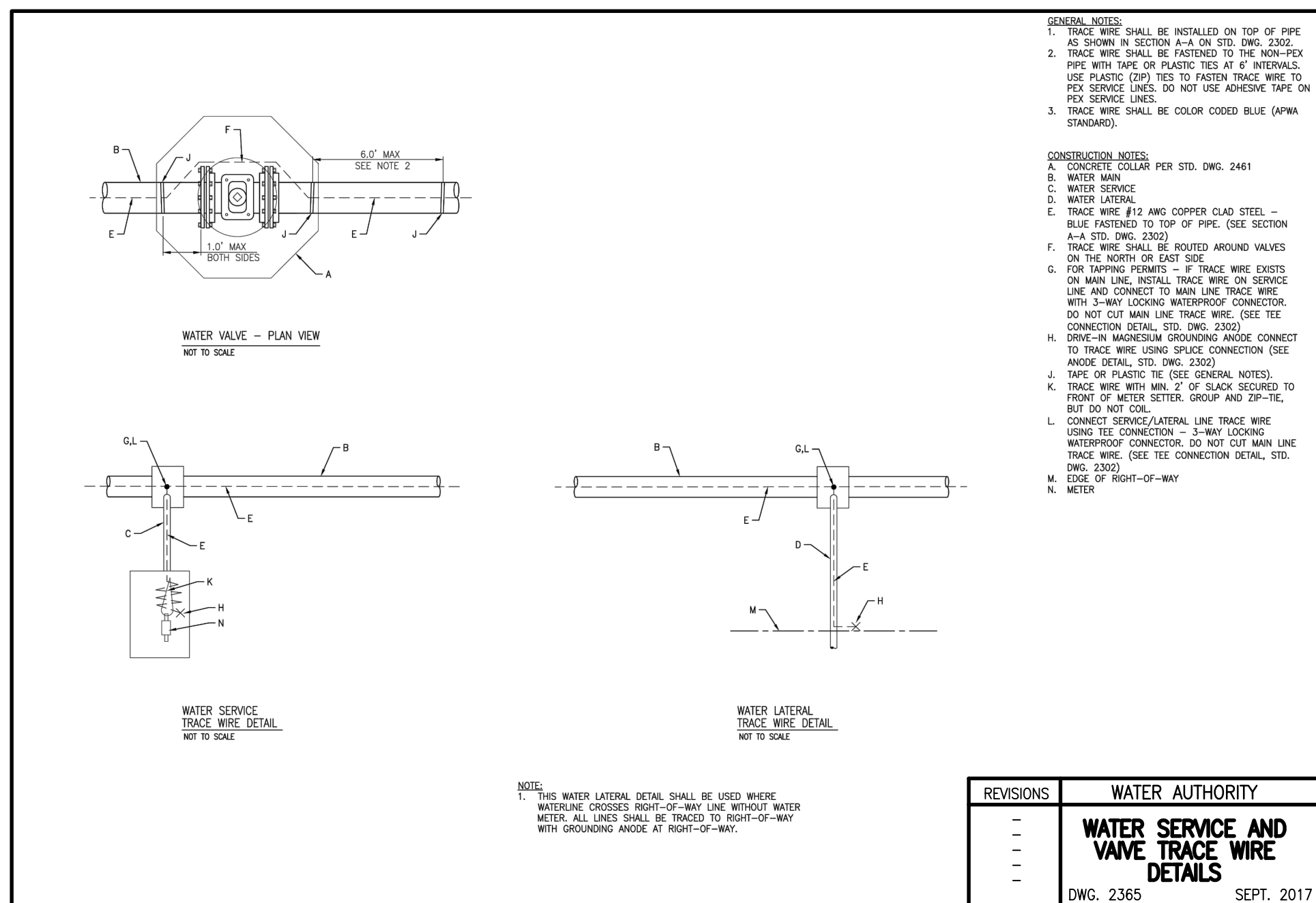
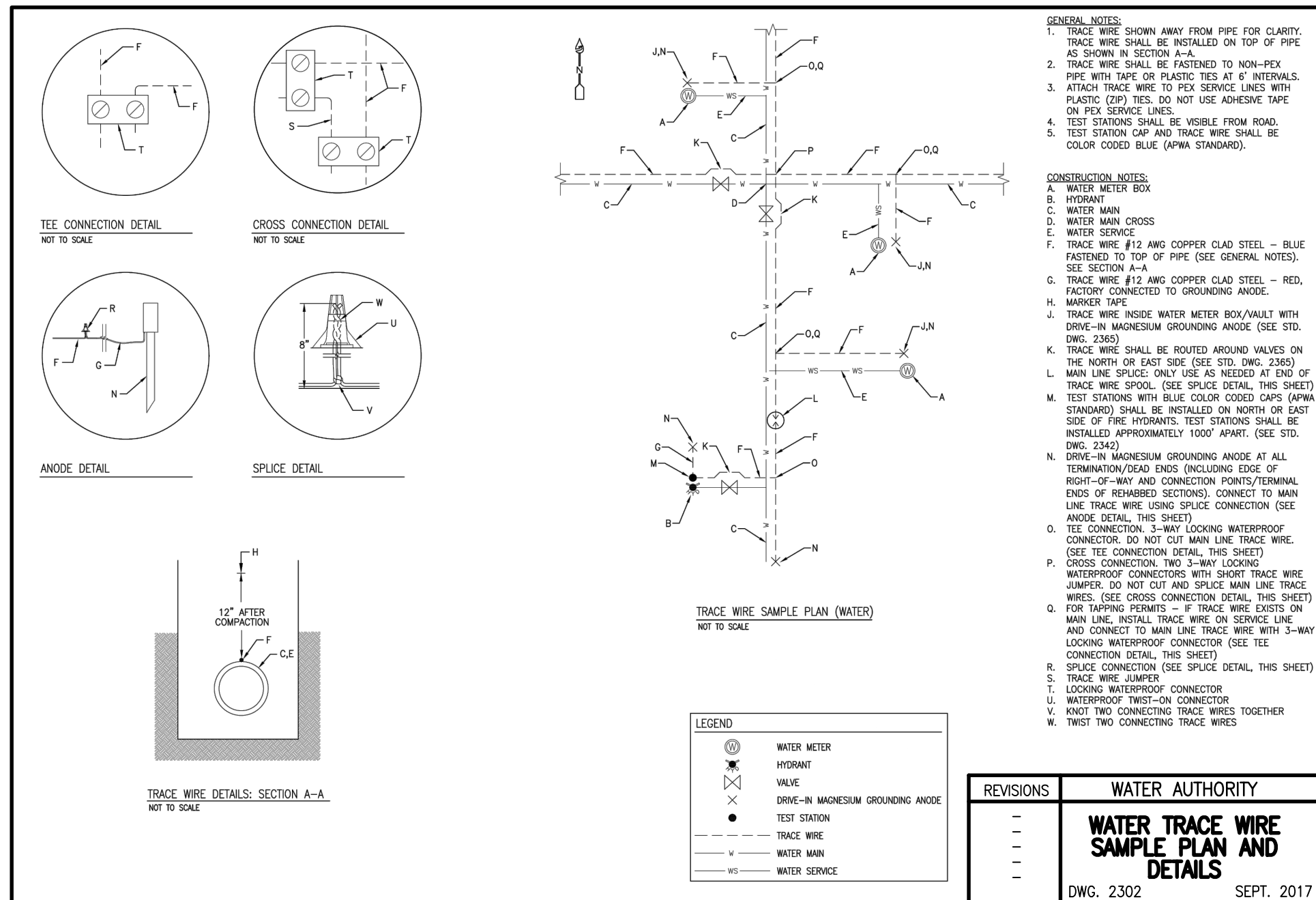
TITLE: WATER AND SANITARY SEWER PLAN
MARK 3S EXPANSION
INFRASTRUCTURE IMPROVEMENTS

City Project No. 718783

Zone Map No	C-20
-------------	------

8 Of 11

[illegible]



RECORD DRAWING

DRB CASE NO. 1005237
2017.014.5

HIGH MESA Consulting Group 6010-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109 Phone: 505.345.4250 • Fax: 505.345.4254 • www.highmesagc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: WATER VALVE SHUT-OFF PLAN; SECTIONS AND DETAILS MARK 3S EXPANSION INFRASTRUCTURE IMPROVEMENTS	
Design Review Committee	City Engineer Approval
Ms./Day/Yr.	Ms./Day/Yr.
City Project No. 718783	Zone Map No. C-20
Sheet 9	Of 11

AS BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR'S	DATE
FIELD VERIFICATION BY	DATE
CONNECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
AN AGRS 3 1/4" ALUMINUM DISC STAMPED "7-820 1995" RIVETED TO A PIPE SET FLUSH WITH THE GROUND, ON THE WEST SIDE OF VENTURA STREET N.E. HALF WAY BETWEEN GLENDALE AVENUE AND FLORENCE AVE N.E. ELEVATION = 5566.658 FEET (NAD 83)	

SURVEY INFORMATION	
NO.	DATE
2016.059.1	01/2017
BY	
HMCG	

ENGINEER'S SEAL	
R.J.C.	BY
REMARKS	
Revisions	
DESIGN	
Date 11/2018	Date 11/2018
Drawn By S.C.C./J.Y.R.	Checked By GM

1.1 SUMMARY

- ## PART 2 PRODUCTS

- | <u>Utility:</u> | <u>Color:</u> |
|-------------------------|---------------|
| Potable Water | Blue |
| Sewer | Green |
| Reuse (Reclaimed Water) | Purple |

3.1 OVERVIEW


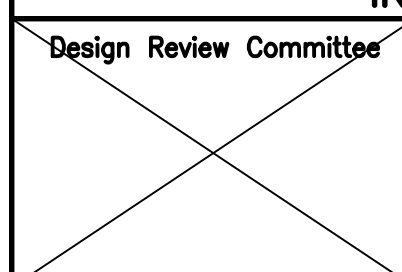
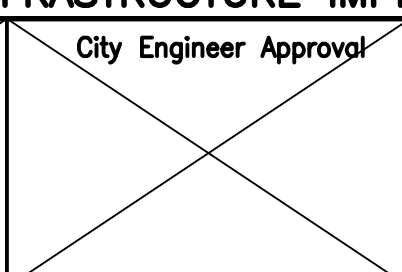
- ## 3.2 INSTALLATION

- ### 3.3 TESTING REQUIREMENTS

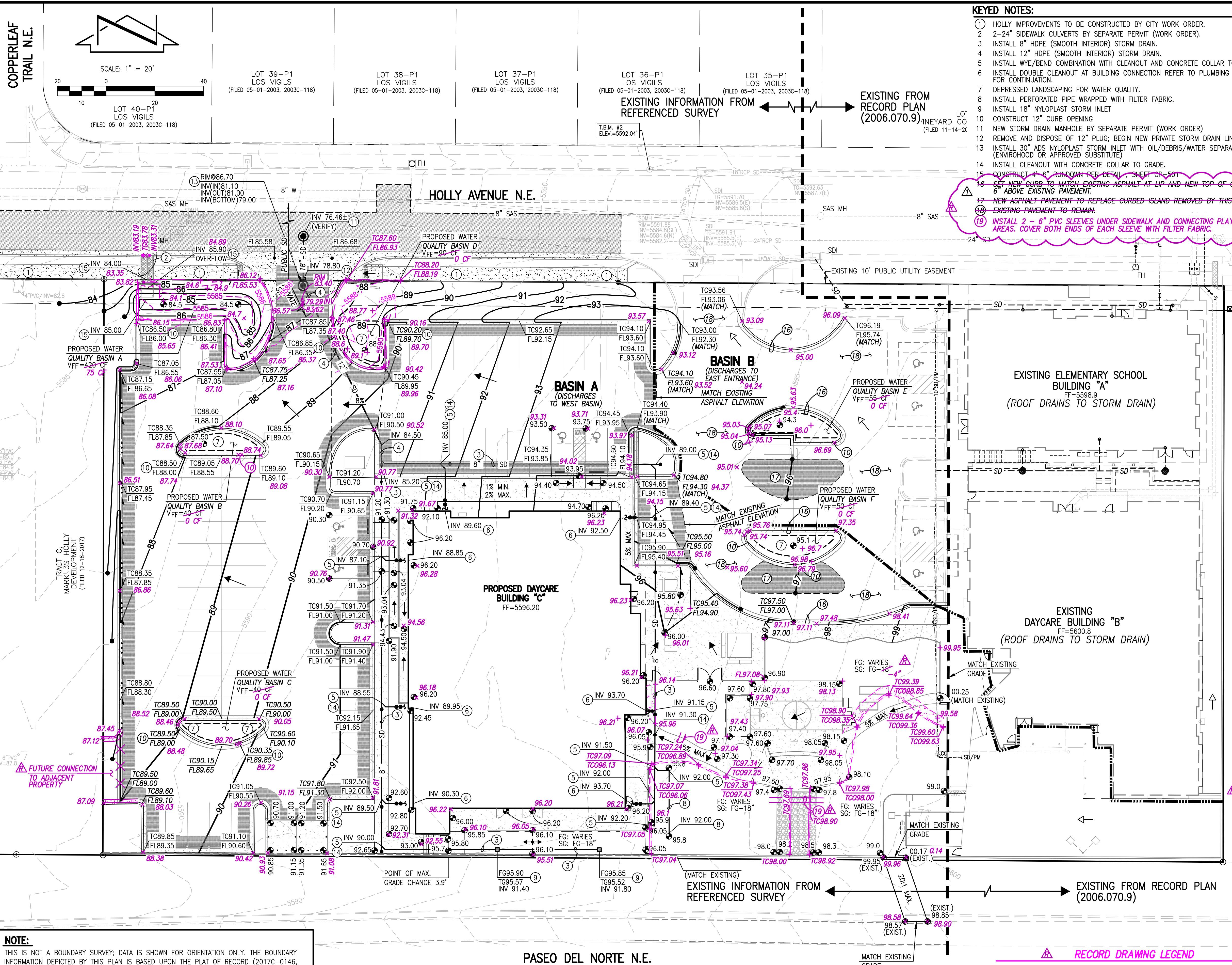
- ### 3.4 WARRANTY

- END OF SECTION

DRB CASE NO. 1005237
2017.014.5

<div><div>HIGH MESA Consulting Group</div><div>Engineers, Surveyors & Instrument Utility Consultants</div></div>										RE 05/19										
6010-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109 Phone: 505.345.4250 • Fax: 505.345.4254 • www.highmesacg.com											NO.							DATE		
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP																		Designed By		
TITLE: TRACER WIRE SPECIFICATIONS MARK 3S EXPANSION INFRASTRUCTURE IMPROVEMENTS																		Drawn By		
Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.			Mo./Day/Yr.												
																				
City Project No. 718783				Zone Map No. C-20		Sheet 10		Of 11												

File Name: P:\data\2017\0144\4\ENGIN\ResDn170144_CG-101-A_Rec.dwg - MODEL Plot Date: 8/8/19 Plot Time: 08:38



NOTE:
THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE PLAT OF RECORD (2017C-0146, RECORDED 12-18-2017).
UNLESS OTHERWISE NOTED THE TOPOGRAPHIC AND UTILITY INFORMATION DEPICTED HEREON IS BASED UPON THE EXISTING TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY THIS FIRM, NMPS NO. 11184, DATED 01/10/2017 (2016.059.1), ALSO A PARTIAL TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY THIS FIRM, NMPS NO. 11184, DATED 05/16/2017 (2016.059.2), AND ALSO A TOPOGRAPHIC SURVEY PREPARED BY THIS FIRM, NMPS NO. 11184, DATED 10/24/2006 (2006.070.1), AND ALSO THE RECORD DRAWINGS PREPARED BY THIS FIRM, NMPE 13676, DATED 09/27/2007 (2006.070.9).

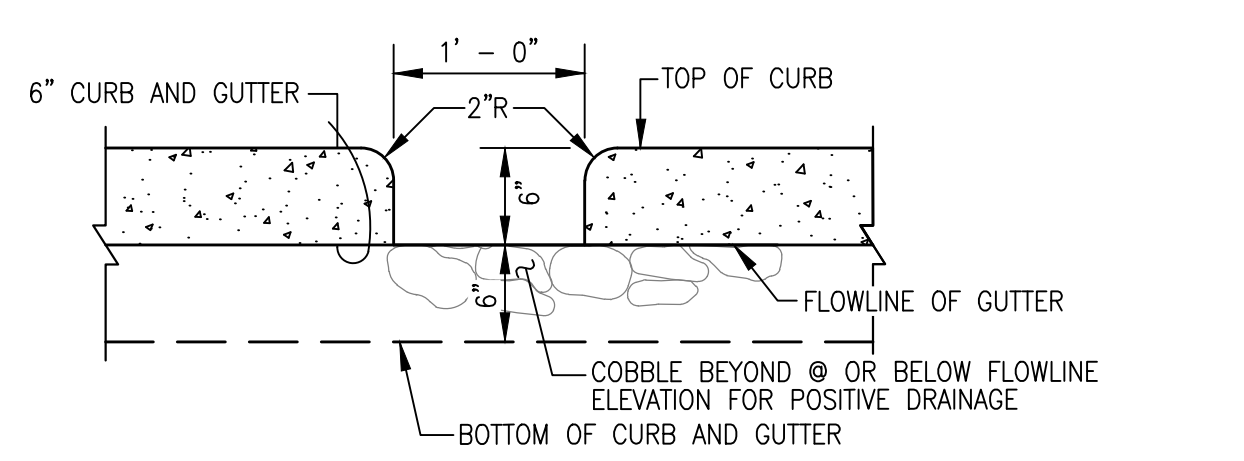
KEYED NOTES:

- HOLLY IMPROVEMENTS TO BE CONSTRUCTED BY CITY WORK ORDER.
- 2-24" SIDEWALK CULVERTS BY SEPARATE PERMIT (WORK ORDER).
- INSTALL 8" HDPE (SMOOTH INTERIOR) STORM DRAIN.
- INSTALL 12" HDPE (SMOOTH INTERIOR) STORM DRAIN.
- INSTALL WYE/BEND COMBINATION WITH CLEANOUT AND CONCRETE COLLAR TO GRADE.
- INSTALL DOUBLE CLEANOUT AT BUILDING CONNECTION REFER TO PLUMBING PLANS FOR CONTINUATION.
- DEPRESSED LANDSCAPING FOR WATER QUALITY.
- INSTALL PERFORATED PIPE WRAPPED WITH FILTER FABRIC.
- INSTALL 18" NYLOPLAST STORM INLET
- CONSTRUCT 12" CURB OPENING
- NEW STORM DRAIN MANHOLE BY SEPARATE PERMIT (WORK ORDER)
- REMOVE AND DISPOSE OF 12" PLUG; BEGIN NEW PRIVATE STORM DRAIN LINE.
- INSTALL 30" ADS NYLOPLAST STORM INLET WITH OIL/DEBRIS/WATER SEPARATOR (ENVIROHOOD OR APPROVED SUBSTITUTE)
- INSTALL CLEANOUT WITH CONCRETE COLLAR TO GRADE.
- CONSTRUCT 4" 6" RUNDOWN-REF DETAIL SHEET CR-501
- SET NEW CURB TO MATCH EXISTING ASPHALT AT UP AND NEW TOP OF CURB 6" ABOVE EXISTING PAVEMENT.
- NEW ASPHALT PAVEMENT TO REPLACE CURBED ISLAND REMOVED BY THIS PROJECT.
- EXISTING PAVEMENT TO REMAIN.
- INSTALL 2 - 6" PVC SLEEVES UNDER SIDEWALK AND CONNECTING PLAY AREAS. COVER BOTH ENDS OF EACH SLEEVE WITH FILTER FABRIC.

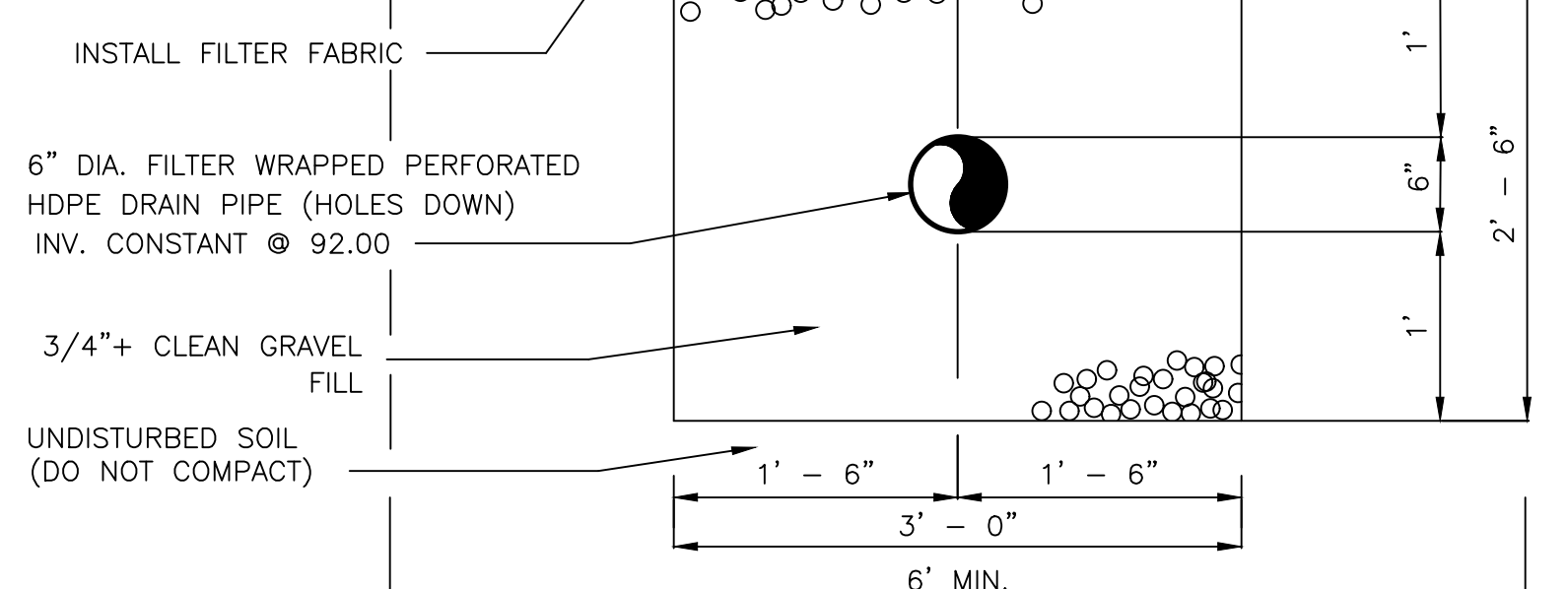
CONSTRUCTION NOTES:

- Two (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 811, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
- 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.
- ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- UTILITY INFORMATION SHOWN HEREON IS BASED UPON ONSITE SURFACE EVIDENCE, REVIEW OF AVAILABLE ABQWUA AND CITY OF ALBUQUERQUE RECORD DRAWINGS AND DISTRIBUTION MAPS AND UTILITY LINE-SPOTS PROVIDED BY HIGH MESA CONSULTING GROUP (2016.059.1 AND 2016.059.2). IN ADDITION, UTILITY LINE-SPOTS WERE REQUESTED VIA THE NEW MEXICO ONE CALL SERVICE (TICKET NOS. 16DE200007 AND 17AP210205). UTILITY LINES THAT APPEAR ON THESE DRAWINGS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
- THE GRADES INDICATED ON THIS PLAN ARE FINISHED GRADES UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING SUBGRADE AT ELEVATIONS THAT SHALL ACCOMMODATE PROPOSED IMPROVEMENTS AS INDICATED ON THE PLANS INCLUDING, BUT NOT LIMITED TO, SURFACE DRAINAGE STRUCTURES, PAVING AND LANDSCAPING SURFACING.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- BACKFILL COMPACTION SHALL BE ACCORDING TO MAJOR LOCAL STREET USE.
- CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS, AS APPLICABLE.

TRACT A
DESERT RIDGE OFFICE PARK
(FILED 07-01-2004, 2004C-199)



TRACT A
DESERT RIDGE OFFICE PARK
(FILED 07-01-2004, 2004C-199)



ENGINEER'S CERTIFICATION- PERMANENT CO
I, J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED, GRADED AND WILL DRAIN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 03/08/2018 WITH THE NOTED EXCEPTION OF NOT MEETING THE WATER QUALITY VOLUME SHOWN ON THE APPROVED PLANS. THE REQUIRED WATER QUALITY VOLUME TO BE RETAINED ON SITE TOTALLED TO 1,060 CF. A TOTAL OF 1,480 CF OF WATER QUALITY VOLUME WAS DESIGNED BUT THE AS-BUILT VOLUMES TOTALLED TO 885 CF. REQUIRED VOLUME 1,060 CF - PROVIDED VOLUME 885 CF = 175 CF DIFFERENCE. A PAYMENT IN LIEU TO ADDRESS THE DIFFERENCE BETWEEN THE REQUIRED VOLUME AND THE AS-BUILT VOLUME WILL BE MADE.

THE SUPPLEMENTAL RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENTS WAS OBTAINED 06/12/2019 AND 08/01/2019 BY HIGH MESA CONSULTING GROUP UNDER THE DIRECTION OF CHARLES G. CALA, JR., SUBMITTED TO SUPPORT A PERMANENT CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THIS CERTIFICATION DOES NOT ADDRESS ADA COMPLIANCE WHICH IS BEYOND THE SCOPE OF GRADING AND DRAINAGE. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

J. GRAEME MEANS
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
(13676)
8/08/19
DATE

J. GRAEME MEANS
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
(13676)
01-30-2018
03-08-2018
8/08/19

RECORD DRAWING LEGEND	
CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
✓	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
38' 42"	RECORD INFORMATION FROM AS-BUILT SURVEY
25.2	RECORD INFORMATION FROM AS-BUILT SURVEY
28.95.92	RECORD INFORMATION FROM AS-BUILT SURVEY

HIGH MESA Consulting Group
Engineers, Surveyors & Subcontractors Utility Consultants

6010-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109
Phone: 505.345.4250 • Fax: 505.345.4254 • www.highmesacg.com

GRADING AND DRAINAGE PLAN MARK 3S HOLLY DEVELOPMENT

NO.	DATE	BY	REVISIONS	JOB NO.
02/18	GM	COA HYDROLOGY COMMENTS		2017.014.4
08/19	G.M.	AS-BUILT AND CERTIFICATION		01-2018
				SHEET 11 OF 11