

CONSTRUCTION PLANS FOR VALLE PRADO UNIT 4 ALBUQUERQUE, NEW MEXICO

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SHEET NUMBER DESCRIPTION

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SHEET NUMBER DESCRIPTION

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UTILITY PLANS

SHEET NUMBER DESCRIPTION

13	SOUTH SKY STREET
14	SANDMARK ROAD
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16	WOODMONT AVE.
17	WOODMONT AVE.
18	WOODMONT AVE.
19	SAND ROCK STREET
20	TWO ROCK ROAD

STATEMENT CERTIFICATION:

I, JOHN P. GIERSON, PE, of JPC ENGINEERING, LLC, do hereby certify to the best of my knowledge and belief, that the information contained herein was prepared by JPC ENGINEERING, LLC, (Part-time), was constructed in accordance with the plans and specifications approved by the CITY OF ALBUQUERQUE and that the original design intent of the approved plans has been met, except as noted on the Record Drawings. All warranties, guarantees and quality of work are the responsibility of the Contractor of record and their subcontractors. This Certification is based on the inspection conducted and the As-Built Survey performed by: **BOHANNAN & HUSTON, INC.**

5/19/2021
10/13/20
10/13/20
DATE
DATE
CITY ENGINEER
JPC ENGINEERING
(SUB-CONSULTANT TO SPINELLO-DCS, LLC)
JOHN P. GIERSON, PE
NIN PE # 15663

SURVEYOR'S CERTIFICATION:

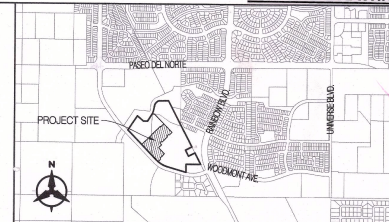
I, BRIAN J. MARQUEZ, a duly qualified, registered, professional land surveyor under the laws of the State of New Mexico, do hereby certify that the AS-BUILT INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND AS-BUILT SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION, AND THAT THIS AS-BUILT INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I, BRIAN J. MARQUEZ, AM NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORDED DRAWINGS.

10/13/20
10/13/20
DATE
DATE
CITY ENGINEER
BRIAN J. MARQUEZ, NMS 18274
PROFESSIONAL SURVEYOR

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. 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.
3. 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.
4. 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 THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
5. 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.
6. 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.
7. 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.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. 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.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH 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 OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. 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 BARRICADES AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWDUST PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWDUST, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
16. 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.
17. 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.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
19. 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 CLOSURE FOR ALL ROADWAY FILL DEPTHS GREATER THAN TWO FEET.

Bohannon & Huston
www.bhinc.com 800.877.5332



WONITY MAP: N.T.S.

ZONE MAP NO.: C-09-2

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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, 1988 EDITION AS REVISED THROUGH UPDATE No. 9.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. 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.
5. 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 (788-2251) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAY MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STOPPING 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.
8. 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.
9. 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.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. 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 SHUT-OFF 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. SHUT-OFF REQUESTS MUST BE MADE ONLINE AT: http://www.abqwa.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 WHENEVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSIONED 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 OF SIDEWALKS DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****	DATE	*****	DATE
DRG CASE NUMBER PR-2018-1991	DRG CASE NUMBER PR-2018-1991	PROJECT NO. 740586	SHEET 1	OF 21	DATE 6/15/2020	DATE	DATE

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.
- 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 CONSTRUCTION ENGINEER (OR PROJECT MANAGER) 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 CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT 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 (260-1990) FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL THEN EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS 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 RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES 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 PARKS, AND SIDEWALKS DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED ON THE PLANS, AND SHALL REPAIR OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. 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.

WATER & SEWER

- 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.
- 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 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://ABQWA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEURES.ASPX](http://abqwa.org/water_shut_off_and_turn_on_procedures.aspx)
- PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900: DR18 REQUIREMENTS (6" - 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" - 48").
- ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
- ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
- 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.
- CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE WUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
- AT UTILITY CROSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTION (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
- ALL DESIGNS AND CONSTRUCTION OF ANY UNDERGROUND UTILITIES SHALL COMPLY WITH ADMINISTRATIVE INSTRUCTION NO. 9 FOR WORK NEARBY OR AFFECTING SAN JUAN CHAMA TRANSMISSION LINES AND APPURTENANCES. INFORMATION SHALL BE PROVIDED TO THE WATER AUTHORITY ONE (1) MONTH IN ADVANCE OF THE CONSTRUCTION START DATE. INFORMATION CAN BE FOUND AT [HTTP://WWW.ABQWA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEURES.ASPX](http://www.abqwa.org/water_shut_off_and_turn_on_procedures.aspx)
- ALL STANDARD DETAIL REFERENCES REGARDING WATER AND SANITARY SEWER INFRASTRUCTURE CAN BE FOUND AT [HTTP://WWW.ABQWA.ORG/for_builders.aspx](http://www.abqwa.org/for_builders.aspx)

TRANSPORTATION

- 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.

- 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.

- 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.
- THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK.

- 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.

- 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 SPILLOVER 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.

- CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAW CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING # 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.

HYDROLOGY

- 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.

OTHER COMMON NOTES

- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- WHEN DISTURBING MORE THAN ¼ ACRES, CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
- IN ADVANCE OF CONSTRUCTION, CONTRACTOR SHALL DETERMINE IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
- PWM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PWM WHILE THE CONTRACTOR IS EXPOSING PWM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.
- CONTRACTOR IS TO SUPPORT, PROTECT, AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE

- OWNER. CABLE IS TO BE SUPPORTED AT A MAXIMUM SPACING OF FIFTEEN (15) FEET. CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.

- CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS TO PREVENT ANY EXCAVATED MATERIAL BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.

- CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC.

- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY 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 THERE TO.

- IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PREHISTORIC ARTIFACTS, OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE CONSTRUCTION ENGINEER SHALL NOTIFY THE COUNTY OFFICE OF THE MEDICAL EXAMINER AT (505) 272-3053. IF THE MEDICAL EXAMINER DETERMINES THAT HUMAN REMAINS ARE NOT PRESENT, THE CONSTRUCTION ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.

GENERAL NOTES APPLIED SELECTIVELY BASED ON SCOPE OF WORK.

- WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE TWENTY-FOUR-HOUR CONSTRUCTION.

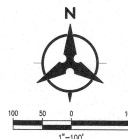
- TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHOULD NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROPOSED PROJECT WILL HAVE ON THE TRANSIT SYSTEM SUCH AS CAUSING A DETOUR, OR CAUSE THE CLOSING OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS DOUGLAS GOFF, OFFICE PHONE 505-724-3137, CELL PHONE 505-206-0181, AND E-MAIL DOUG@CABQ.GOV.

- STREET NAME SIGNS, REGULATORY SIGNAGE, AND ANY NECESSARY STRIPING ON PRIVATE STREETS ARE THE DEVELOPER'S RESPONSIBILITY.

- IN ALL AREAS WHERE PUBLIC STREETS OR INFRASTRUCTURE ARE TO BE CONSTRUCTED OVER FILLS, THE GEOTECHNICAL ENGINEER SHALL CERTIFY THAT PLACEMENT, COMPACTATION, AND ALL OTHER WORK HAS BEEN COMPLETED IN ACCORDANCE WITH COA SPECIFICATION SECTION 204. SAID CERTIFICATION, ALONG WITH SUPPORTING TESTING DOCUMENTATION, SHALL BE PROVIDED TO THE CONSTRUCTION ENGINEER PRIOR TO OR AT THE PRE-CONSTRUCTION CONFERENCE BEFORE WORK ORDER 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.



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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

VALLE PRADO UNIT 4
GENERAL NOTES

DESIGN REVIEW COMMITTEE DEC 1 9 2019	CITY ENGINEER APPROVAL FEB 9 5 2020 CITY ENGINEER	LAST DESIGN UPDATE	DATE 01/24/2019	DATE 01/24/2019
CITY PROJECT NO. 740586	ZONE MAP NO. C-09	SHEET 2	OF 21	

PRELIMINARY PLAT FOR
VALLE PRADO UNITS 4 & 5
BEING A REPLAT OF
TRACT 6, THE TRAILS
UNIT 3A AND TRACT C,
VALLE PRADO UNIT 3
FEBRUARY 1919

LEGAL DESCRIPTION

Tract 6, The Trails Unit 3A Subdivision, City of Albuquerque, Bernalillo County, New Mexico, as the same is shown and designated on the plat entitled "SANTA FE VALLE PRADO UNIT 3A, BEING A REPLAT OF TRACT 6, THE TRAILS UNIT 3A, WITHIN THE TOWN OF ALAMEDA GRANT IN PROJECTED SECTIONS 16 AND 17, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO" PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", filed in the office of the County Clerk of Bernalillo County, New Mexico, on December 21, 2007, in Plat Book 2007C, Page 352, as Document No. 2007171107, and Tract C, Valle Prado Unit 3, City of Albuquerque, Bernalillo County, New Mexico, as the same is shown and designated on the plat entitled "PLAT OF VALLE PRADO UNIT 3, WITHIN THE TOWN OF ALAMEDA GRANT IN PROJECTED SECTION 16, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO" PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", filed in the office of the County Clerk of Bernalillo County, New Mexico, on December 4, 2015, in Plat Book 2015C, Page 0158, as Document No. 201504072.

GENERAL NOTES

- EXISTING ZONING: R-1-B
PROPOSED ZONING: R-1-B
- TOTAL ACREAGE: 15.52 AC
UNIT 4 ACREAGE: 7.20 AC
NUMBER OF LOTS: 47
PROPOSED DENSITY: 6.53 DU/AC
UNIT 5 ACREAGE: 8.32 AC
NUMBER OF LOTS: 46
PROPOSED DENSITY: 5.53 DU/AC
- MIN. LOT DIMENSIONS:
MINIMUM LOT AREA: 45' X 105'
4,725 SQFT
- SEWER AND WATER ARE PUBLIC TO BE OWNED AND MAINTAINED BY THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY. STREET AND STORM DRAIN IMPROVEMENTS ARE TO BE OWNED AND MAINTAINED BY THE CITY OF ALBUQUERQUE.
- LOT SETBACKS SHALL CONFORM TO THE 2008 R-1-B ZONE.
- NO INDIVIDUAL LOTS SHALL BE ALLOWED DIRECT ACCESS TO WOODMONT AVENUE.
- TRACTS A-E TO BE OWNED AND MAINTAINED BY THE TRAILS COMMUNITY ASSOCIATION, INC.
- 45 AC PATH ALONG WOODMONT AVENUE TO BE MAINTAINED BY THE TRAILS COMMUNITY ASSOCIATION, INC.

SITE DATA

ZONE ATLAS NO.	C-09-2
ZONING	R-1-B
MILES OF FULL WIDTH STRAITS CREATED	0.68 MILES
NO. OF EXISTING TRACTS	2
NO. OF LOTS CREATED	93
NO. OF HOA TRACTS CREATED	5

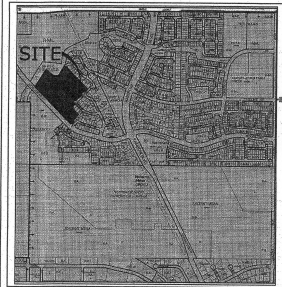
SURVEY NOTES:

- ALL BOUNDARY CORNERS SHOWN (●) ARE FOUND REAR W/AC.
- ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE P.C.'S, A.P.'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THIS (▲) AND WILL BE MARKED BY (C) ALBUQUERQUE CITY STAFFED CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION MARKED, DO NOT DISTURB PLS 3202.
- THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
- BASES OF BEARINGS WILL BE NEW MEXICO STATE PLANE BEARINGS.
- DISTANCES SHALL BE GROUND DISTANCES.
- MANHOLE WILL BE OFFSET AT ALL POINTS OF CURVATURE, TANGENCY STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.
- SHOWS ALL EASEMENTS OF RECORD.

APPROVED

John A. Rieker 7.5. 1/16/19
CITY SURVEYOR DATE

Andrew M. Kaplan 1/13/19
PV TRAILS ALBUQUERQUE, LLC DATE
ITS MANAGER
PV GENERAL PARTNER, LLC
ANDREW M. KAPLAN, MANAGER



VICINITY MAP

NOT TO SCALE

KEYED NOTES

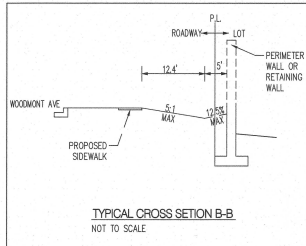
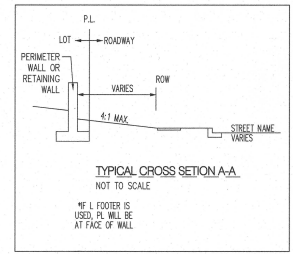
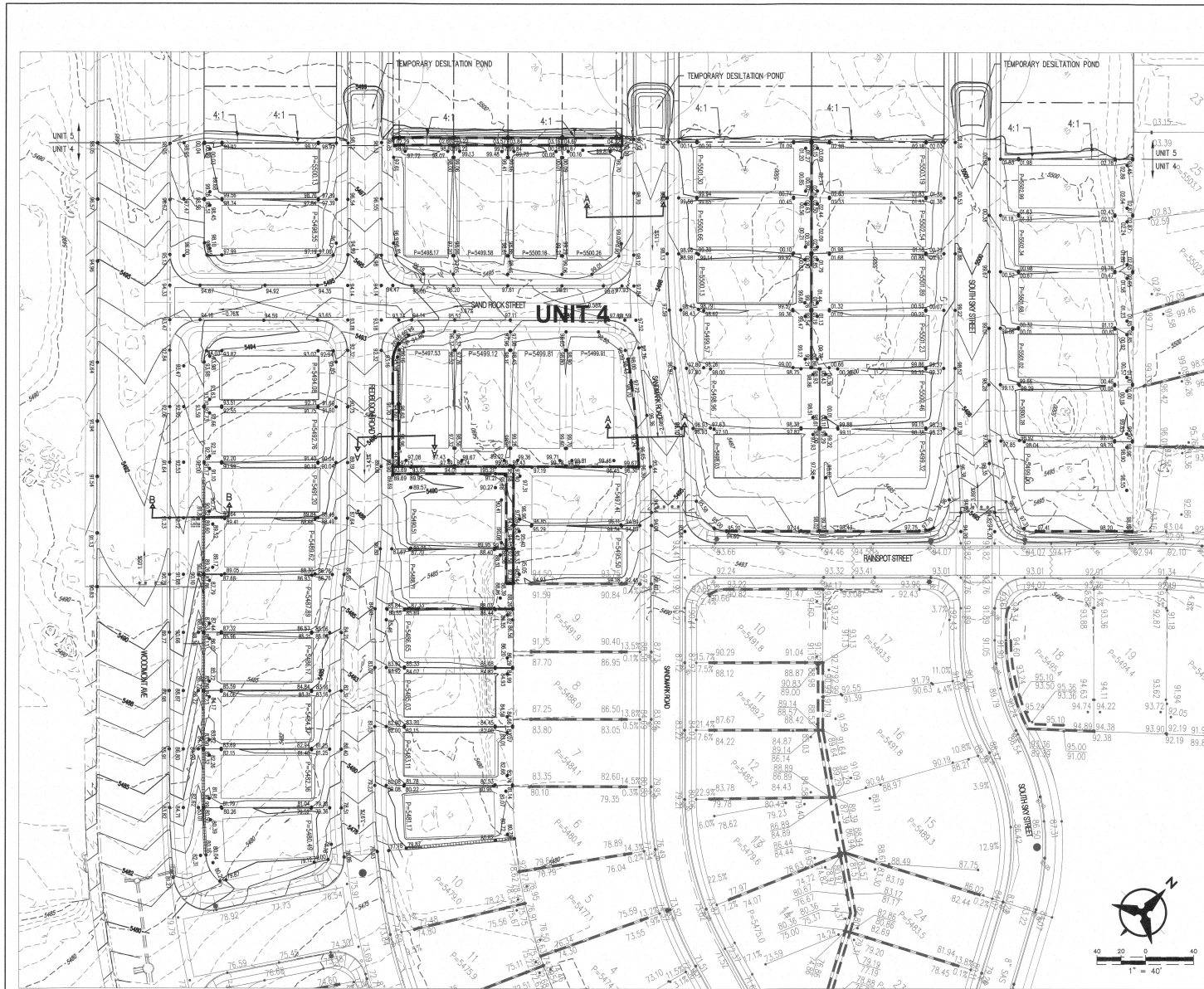
- 10' PUBLIC UTILITY EASEMENT, GRANTED BY THIS PLAT.
- EXISTING TEMPORARY PUBLIC DRAINAGE EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE PER PLAT FILED DECEMBER 21, 2007 IN PLAT BOOK 2007C, PAGE 352, (TO BE VACATED)

ID	BEARING	LENGTH
T1	N34°40'53"E	49.76'
T2	N41°31'15"E	47.00'
T3	N40°32'09"E	105.00'
T4	N44°10'54"W	172.80'
T5	N45°49'06"E	105.00'
T6	N44°10'54"W	67.71'
T7	N45°49'06"E	47.00'
T8	N45°49'06"E	160.00'
T9	N45°49'06"E	47.00'
T10	N45°49'06"E	80.00'
T11	N44°10'54"W	651.89'
T12	N57°08'22"W	47.01'
T13	S32°12'03"W	237.43'
T14	N69°33'10"W	160.17'
T15	N49°49'12"W	202.63'
T16	S33°57'57"W	432.69'
T17	S44°10'54"E	875.20'
T18	S44°10'54"E	189.01'

ID	ARC	RADIUS	DELTA	TANGENT
C1	50.86'	30.00'	96°45'03"	33.76'
C2	36.29'	25.00'	83°09'38"	22.18'
C3	6.59'	499.00'	00°59'08"	4.29'
C4	36.33'	384.00'	05°15'57"	18.18'
C5	39.27'	25.00'	90°00'00"	25.00'
C6	39.27'	25.00'	90°00'00"	25.00'
C7	39.27'	25.00'	90°00'00"	25.00'
C8	13.31'	96.50'	07°54'15"	6.67'
C9	49.83'	651.00'	04°23'10"	24.93'

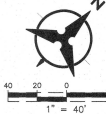
LEGEND	
---	SUBDIVISION BOUNDARY LINE
---	TRACT BOUNDARY
---	NEW LOT LINE
---	ADJOINING PROPERTY LINE
▲	CENTERLINE MONUMENT TO BE INSTALLED
▲	CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT

C:\Users\jseffert\Documents\The Trails\Valle Prado\20150113\CD\Plans\General\Pre-Plat\Unit 4_5\Valle Prado_U4_5_PRE-PLAT.dwg
January 10, 2019 - 5:44pm



LEGEND

- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- PROPOSED CONTOUR
- EXISTING STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED WATER BLOCK
- RETAINING WALL
- PAO
- TURNED BLOCK
- STREET SLOPE
- PHASE BOUNDARY



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August 20, 2019 - 2:50pm

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
VALLE PRADO
UNIT 4
GRADING AND DRAINAGE PLAN

Design Review Committee: City Engineer Approval: Ms. Janyr No. 2019-01
Last Design Update: No. 2019-01

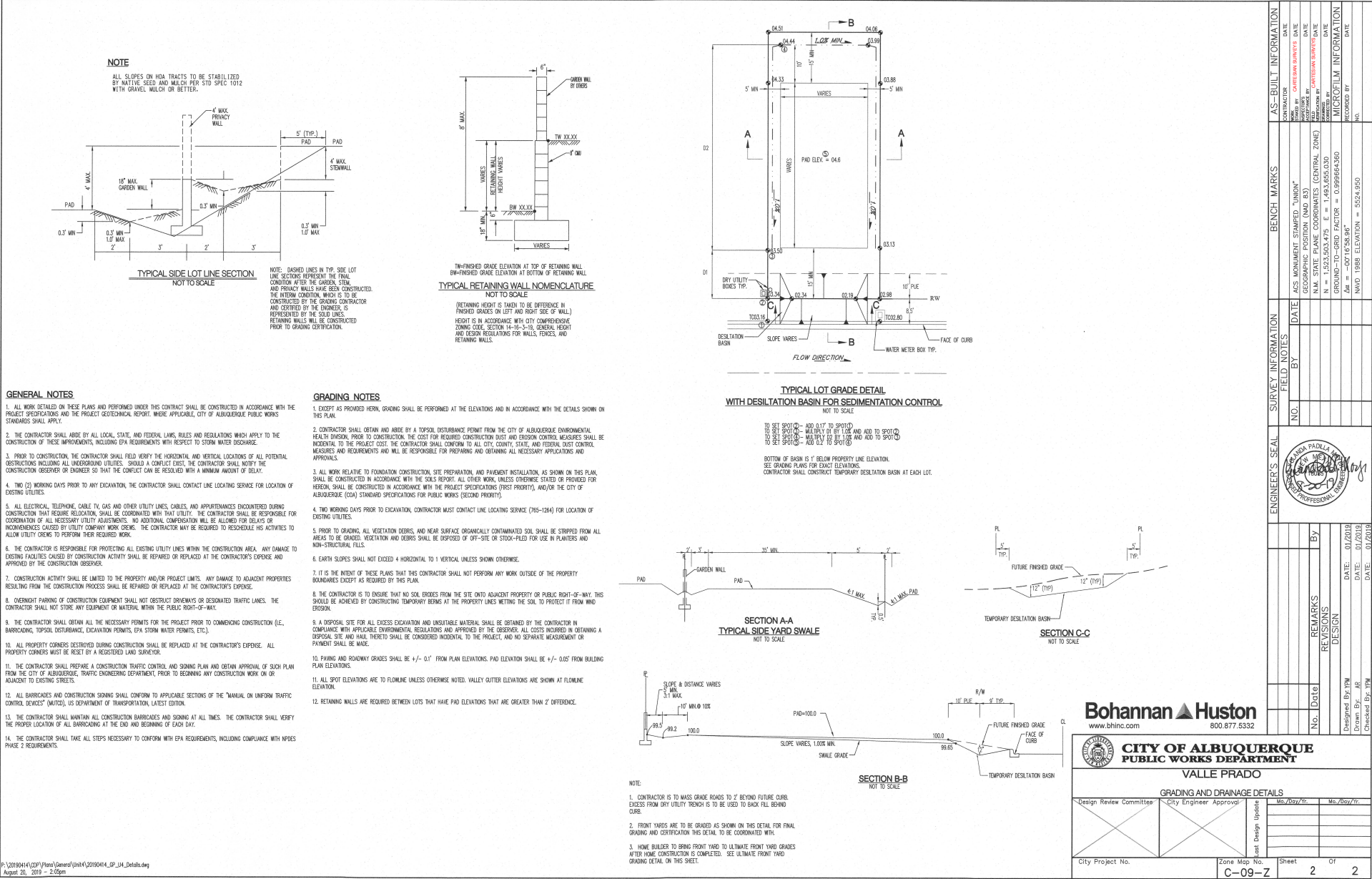
City Project No. _____ Zone Map No. _____ Sheet 1 Of 2
C-09-Z

FOR INFORMATION ONLY SHEET 4A

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS	
CONTRACTOR	DATE	STAMPED	DATE	NO.	BY	DATE	DATE	No.	Date
CONTRACTOR	DATE	ACS MONUMENT STAMPED "UNIT 4"	DATE						
CONTRACTOR	DATE	GEOGRAPHIC POSITION (NAD 83)	DATE						
CONTRACTOR	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE						
CONTRACTOR	DATE	N = 1,523,002.479 E = 1,493,655.030	DATE						
CONTRACTOR	DATE	GROUND TO GRID FACTOR = 0.99964360	DATE						
CONTRACTOR	DATE	Δm = -0.07158.96"	DATE						
CONTRACTOR	DATE	NAD 1983 ELEVATION = 5524.950	DATE						
CONTRACTOR	DATE		DATE						

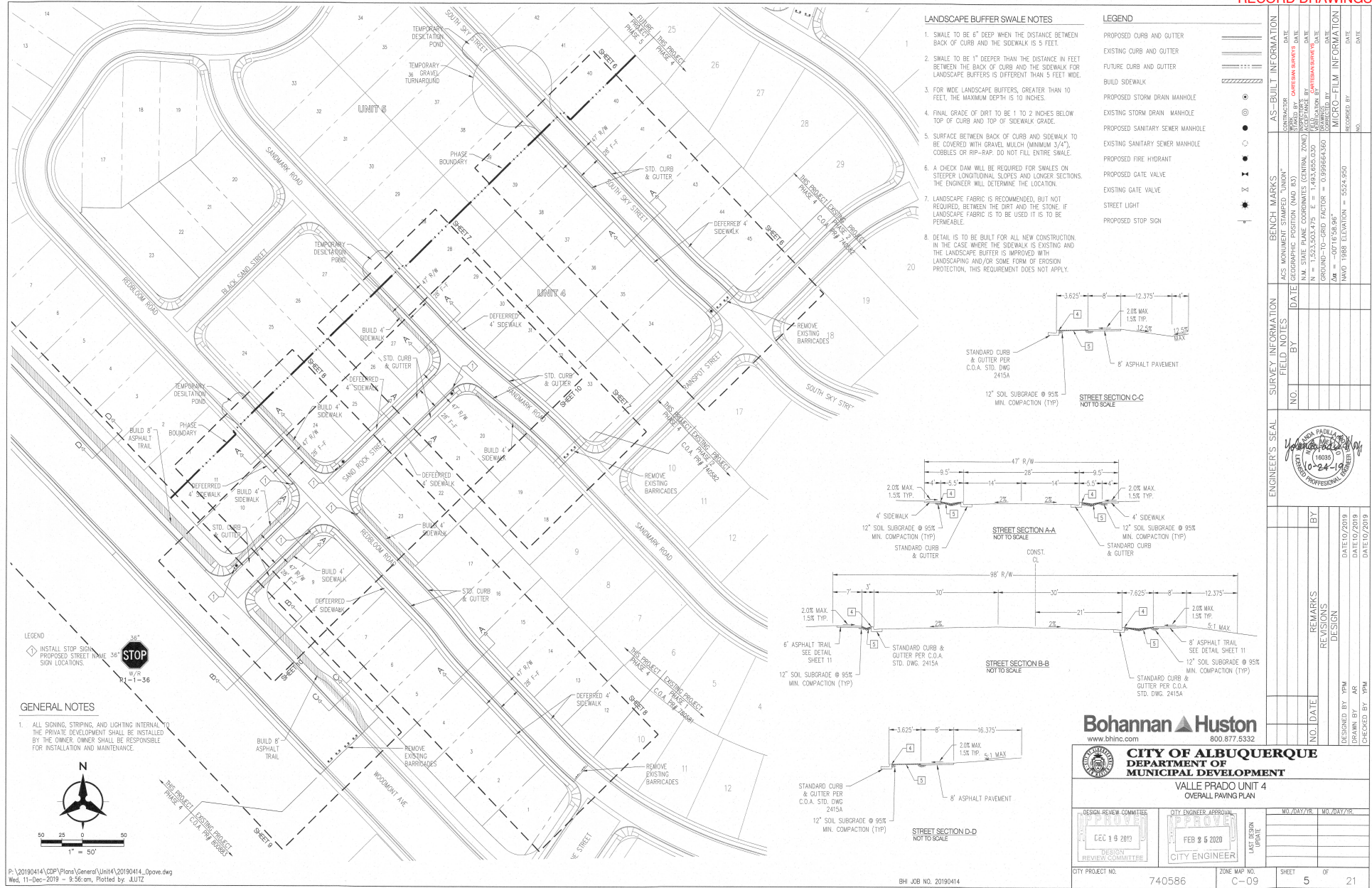


REVISIONS	By	Date
DESIGN		01/2019
		07/2019
		07/2019



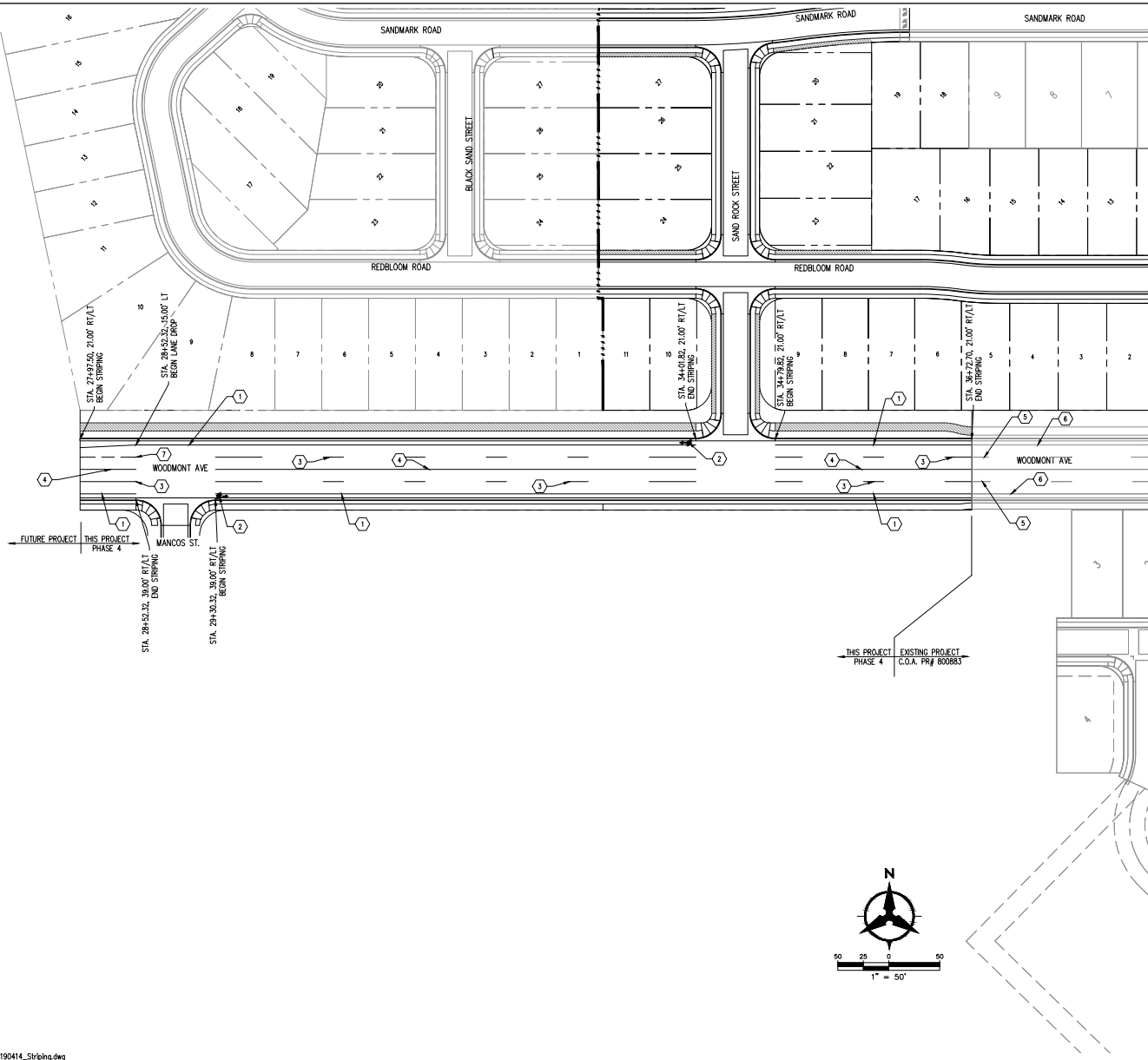
See Sheet 5A for Woodmont Ave Striping
Plan

RECORD DRAWINGS

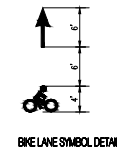


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BHI JOB NO. 20190414



- STRIPING KEYED NOTES**
- ① 6" SOLID WHITE STRIPE
 - ② BICYCLE & ARROW SYMBOL (WHITE), SEE DETAIL THIS SHEET
 - ③ 4" WHITE STRIPE, DASHED (10'/30' SKIP PATTERN)
 - ④ 4" DOUBLE STRIPE YELLOW SOLID
 - ⑤ 4" EXISTING DASHED WHITE STRIPE
 - ⑥ 4" EXISTING SOLID WHITE STRIPE
 - ⑦ 4" WHITE STRIPE, DASHED (2'/6" SKIP PATTERN)



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		NO.	BY	DATE	AS MONUMENT STAMPED "JUNIOR"	CONTRACTOR	DATE
					AGS MONUMENT POSITION (NAD 83)	STRIPED BY	DATE
					N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	INSPECTED BY	DATE
					N = 1,523,503.475 E = 1,483,655.030	VERIFIED BY	DATE
					GROUND-TO-GRID FACTOR = 0.999864360	DATE	
					Δ <i>u</i> = -00'16"58.06"	DATE	
					NAD 1988 ELEVATION = 5524.950	DATE	
						DATE	

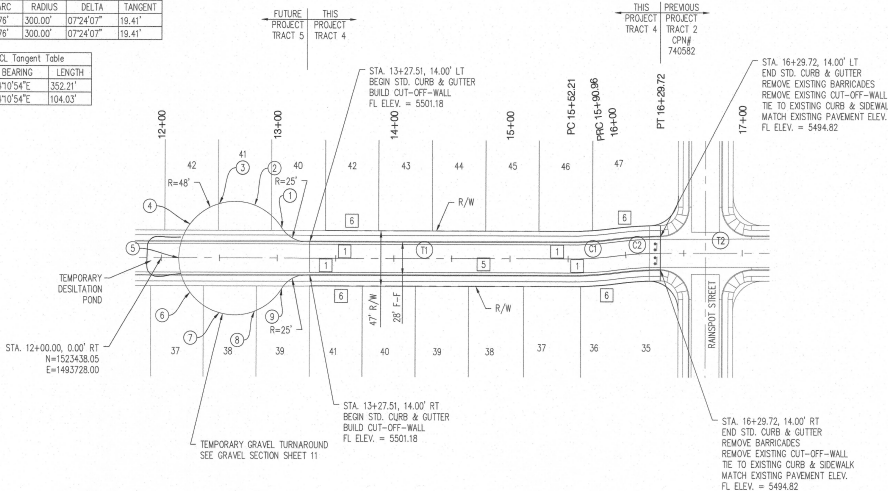
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
VALLE PRADO UNIT 4
STRIPING PLAN

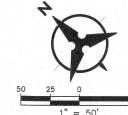
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
 Aug 13, 2019 DESIGN REVIEW COMMITTEE	 Aug 13, 2019 CITY ENGINEER		
CITY PROJECT NO. 740586		ZONE MAP NO. C-09	SHEET 5A OF 21

CL Curve Table			
ID	ARC	RADIUS	DELTA
C1	38.76°	300.00'	072°40'17" 19.41°
C2	38.76°	300.00'	072°40'17" 19.41°

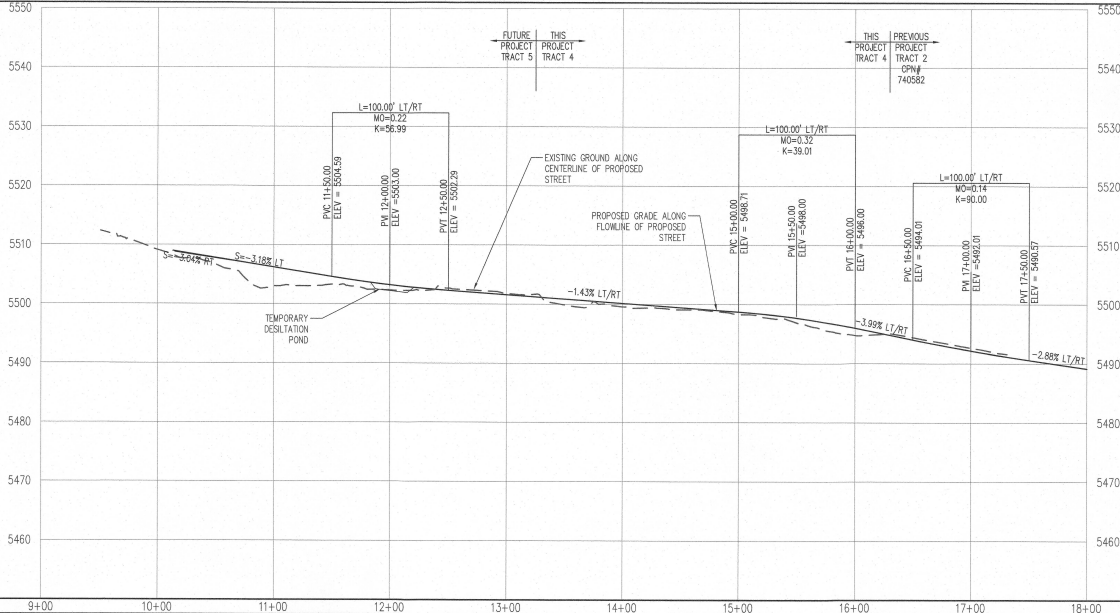
CL Tangent Table		
ID	BEARING	LENGTH
T1	S44°10'54"E	352.21'
T2	S44°10'54"E	104.03'



TEMP. TURNAROUND Point Table			
STATION	OFF SET	ELEVATION	
1	13+03.87	25.64' LT	5502.54
2	12+80.33	44.88' LT	5504.31
3	12+49.95	46.11' LT	5503.46
4	12+24.93	28.84' LT	5504.12
5	12+15.30	0.00' RT	5503.25
6	12+24.93	28.84' RT	5504.27
7	12+49.95	46.11' RT	5504.51
8	12+80.33	44.88' RT	5503.48
9	13+03.87	25.64' RT	5502.57



SOUTH SKY STREET



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 15' 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" x 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 CONTRACTOR'S EXPENSE.
11. REMOVAL OF THE EXISTING CURB & GUTTER TO NEAREST JOINT.
12. CURB RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ROP 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. ROP JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
14. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART F.
15. GRATE PER MODIFIED COA STANDARD DWG. 2220

KEYED NOTES

1. STD. CURB & GUTTER PER COA STD. DWG. 2415A
2. INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
3. BUILD WHEEL CHAIR RAMP PER DETAIL 'A' SHEET 11
4. BUILD 4' SIDEWALK PER COA STD. DWG. 2430.
5. PAVEMENT DESIGN SECTION SEE SHEET 11
6. 4' SIDEWALK DEFERRED
7. BUILD 8' ASPHALT TRAIL SEE DETAIL SHEET 11
8. BUILD 6' SIDEWALK PER COA STD. DWG. 2430

GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER TYPE 'E' AS PER C.O.A. STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.
STORM DRAIN LINE TO BE CLASS III RCP UNLESS OTHERWISE NOTED

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
VALLE PRADO
PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. DATE	NO. DATE
DESIGN REVIEW COMMITTEE	CITY ENGINEER	NO. DATE	NO. DATE

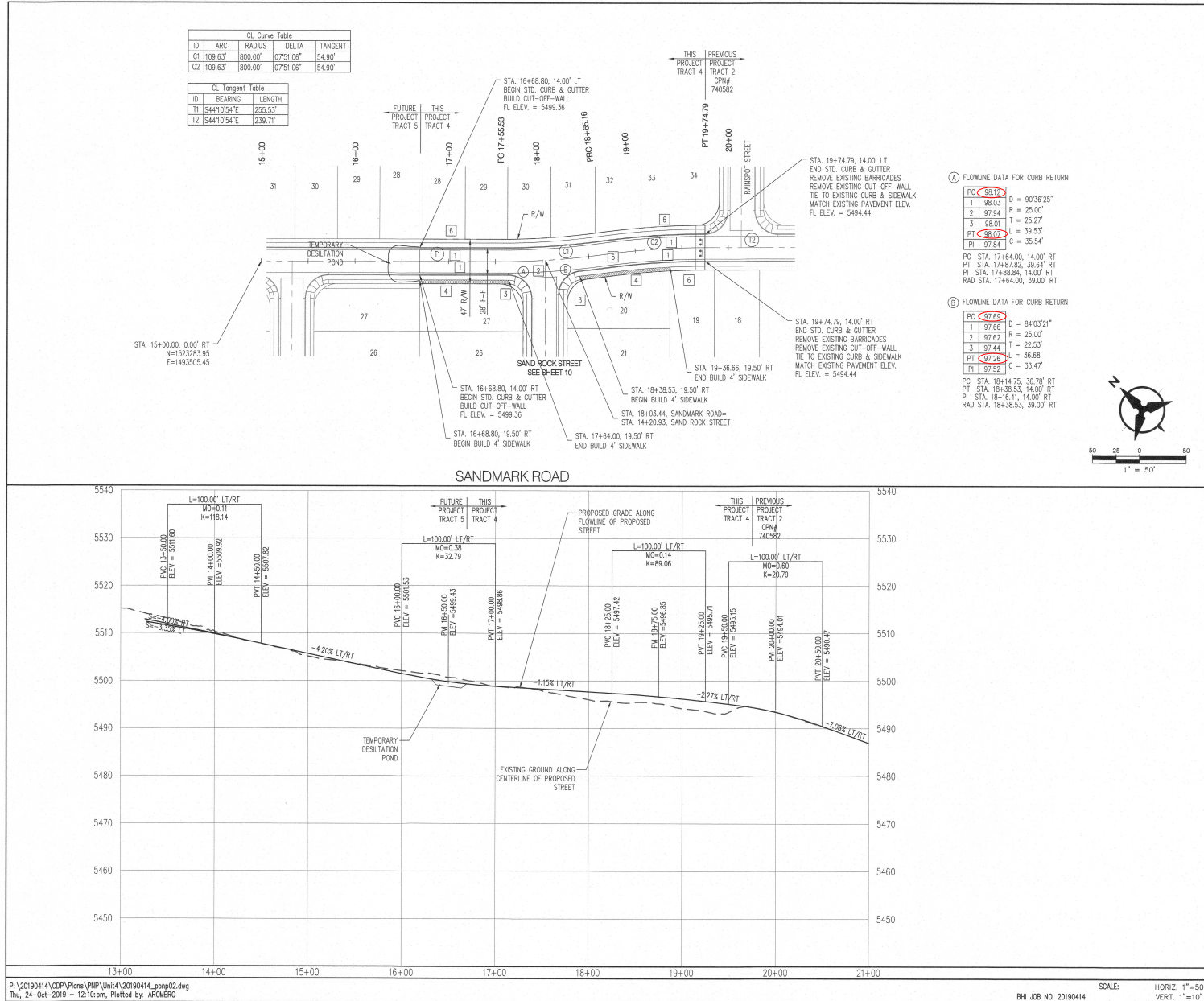
DESIGNED BY: JPM
CHECKED BY: JPM
DATE: 07/2019
DATE: 07/2019

REMARKS
REVISIONS
DESIGN

ENGINEER'S SEAL
Valle Prado
Professional Engineer
10335
0-24-19

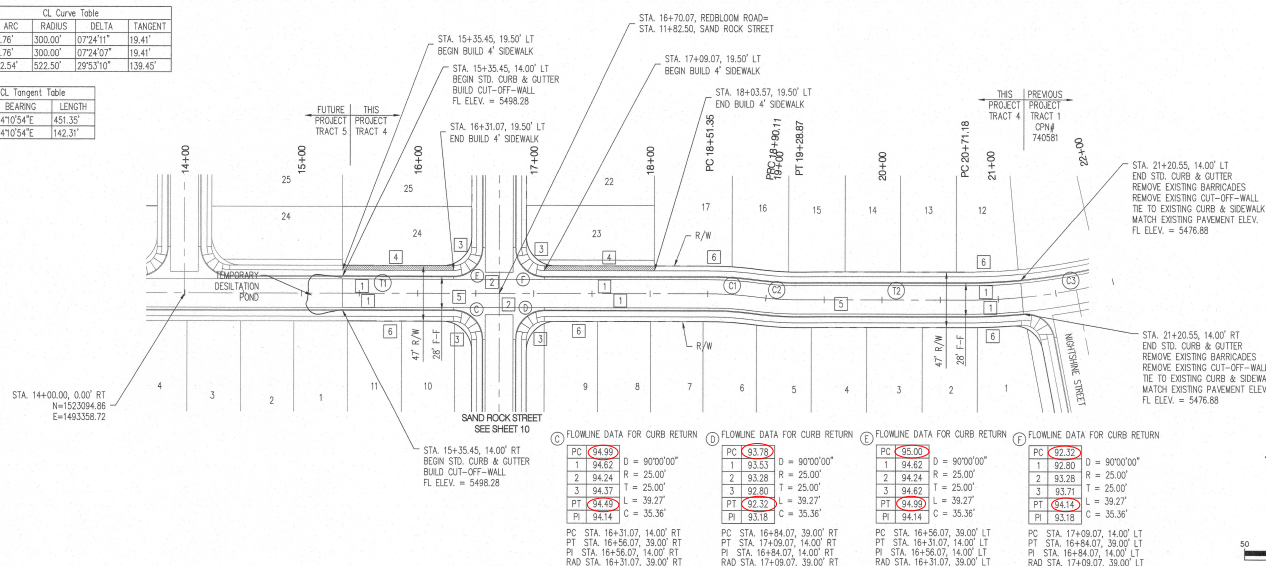
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VERT. 1"=10'

CITY PROJECT NO. 740586
ZONE MAP NO. C-09
SHEET 6 OF 21

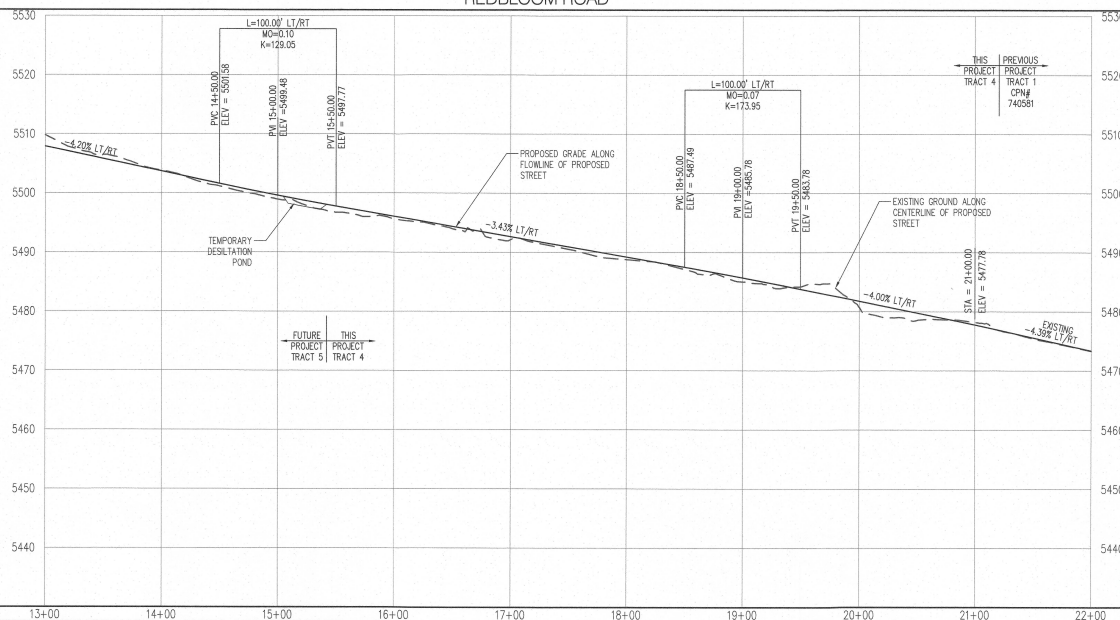


ID	ARC	RADIUS	DELTA	TANGENT
C1	38.76'	300.00'	07°24'11"	19.41'
C2	38.76'	300.00'	07°24'07"	19.41'
C3	272.54'	522.50'	29°53'10"	139.45'

ID	BEARING	LENGTH
T1	S44°10'54"E	451.35'
T2	S44°10'54"E	142.31'



REDBLOOM ROAD



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Thu, 24-Oct-2019 - 12:12pm, Plotted by: ARONERO

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 15' 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" x 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 CONTRACTOR'S EXPENSE.
11. REMOVAL OF THE EXISTING CURB & GUTTER TO NEAREST JOINT.
12. CURB RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ROP 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. JOINT GAPS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
14. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 STANDARD P.
15. GRATE PER MODIFIED COA STANDARD DWG. 2220

KEYED NOTES

1. STD. CURB & GUTTER PER COA STD. DWG. 2415A
2. INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
3. SEE VALLEY GUTTER SLOPE DETAIL SHEET 11 FOR GUTTER SLOPES
4. BUILD WHEEL CHAIR RAMP PER DETAIL 'A' SHEET 11
5. BUILD 4' SIDEWALK PER COA STD. DWG. 2430.
6. PAVEMENT DESIGN SECTION SEE SHEET 11
7. 4' SIDEWALK DEFERRER
8. BUILD 6" ASPHALT TRAIL SEE DETAIL SHEET 11
9. BUILD 6' SIDEWALK PER COA STD. DWG. 2430

GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER
TYPE 12 AS PER C.O.A. STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

STORM DRAIN LINE TO BE CLASS III POP UNLESS OTHERWISE NOTED

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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

VALLE PRADO
PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO.	DATE
DEC 19 2019	FEB 9 2020		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO.	DATE
DEC 19 2019	FEB 9 2020		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO.	DATE
DEC 19 2019	FEB 9 2020		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO.	DATE
DEC 19 2019	FEB 9 2020		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO.	DATE
DEC 19 2019	FEB 9 2020		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO.	DATE
DEC 19 2019	FEB 9 2020		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

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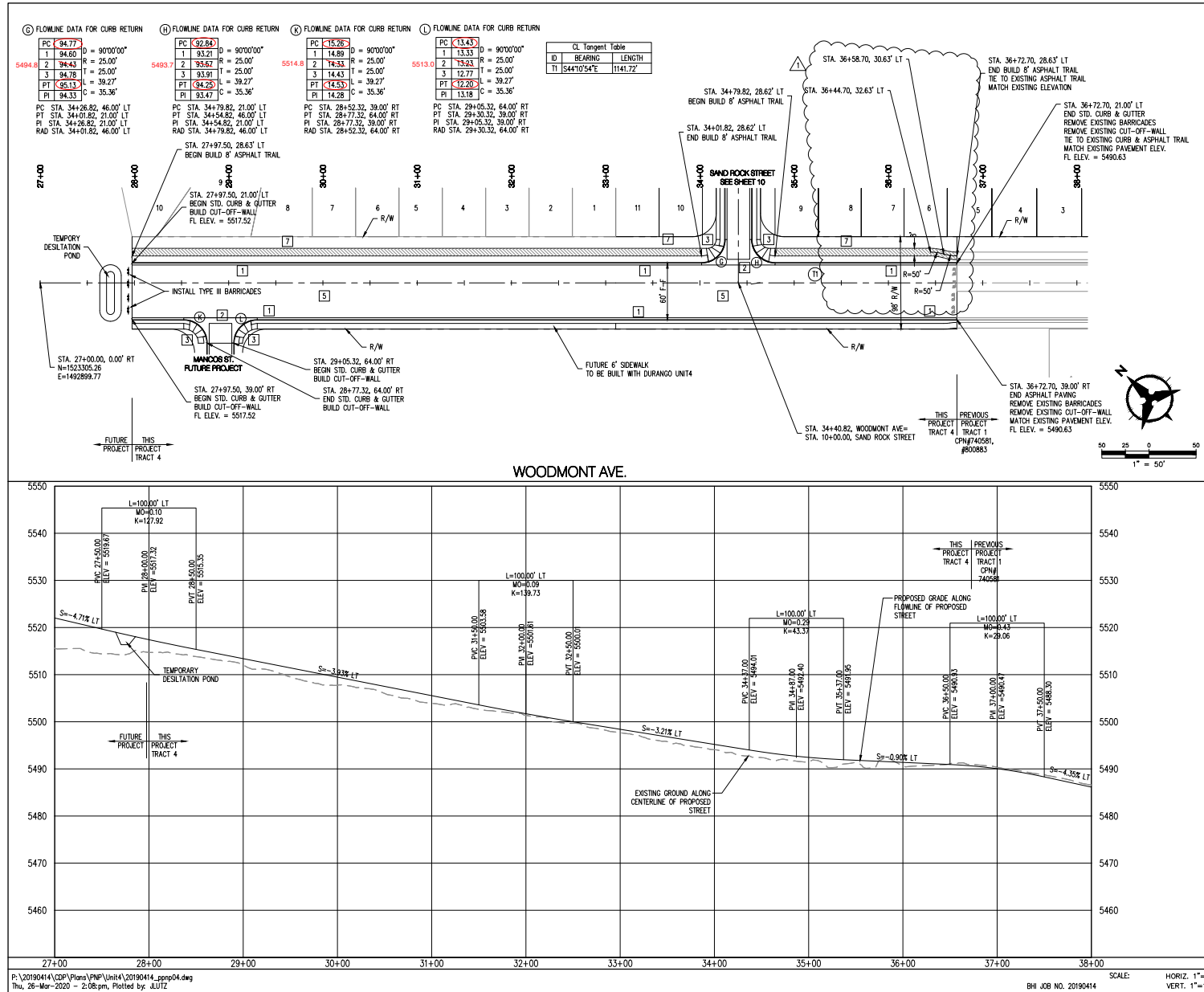
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CITY PROJECT NO.		ZONE MAP NO.		SHEET		OF	
740586		C-09		8		21	



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 15' UNLESS OTHERWISE SPECIFIED.
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4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
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14. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART F.
15. GRATE PER MODIFIED COA STANDARD DWG. 2220

KEYED NOTES

- ① STD. CURB & GUTTER PER COA STD. DWG. 2415A
- ② INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420
- ③ SEE VALLEY GUTTER SLOPE DETAIL SHEET 11 FOR GUTTER SLOPES
- ④ BUILD WHEEL CHAIR RAMP PER DETAIL 'A' SHEET 11
- ⑤ BUILD 4" SIDEWALK PER COA STD. DWG. 2430.
- ⑥ PAVEMENT DESIGN SECTION SEE SHEET 11
- ⑦ 4" SIDEWALK DEFERRER
- ⑧ BUILD 8" ASPHALT TRAIL SEE DETAIL SHEET 11
- ⑨ BUILD 6" SIDEWALK PER COA STD. DWG. 2430

GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER
TYPE 'E' AS PER COA STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.
STORM DRAIN LINE TO BE CLASS III RCP UNLESS OTHERWISE NOTED

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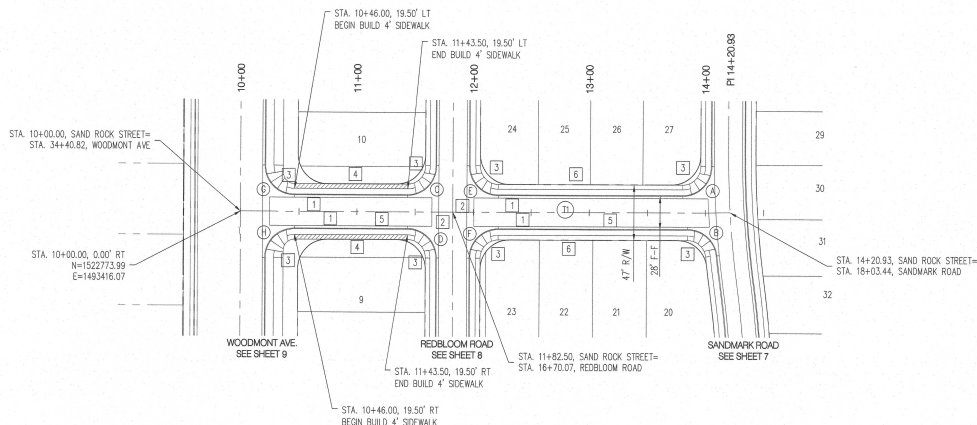
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

LAST DESIGN UPDATE

DESIGNED BY YPM
DRAWN BY AR
DATE 10/2019
CHECKED BY YPM
DATE 10/2019

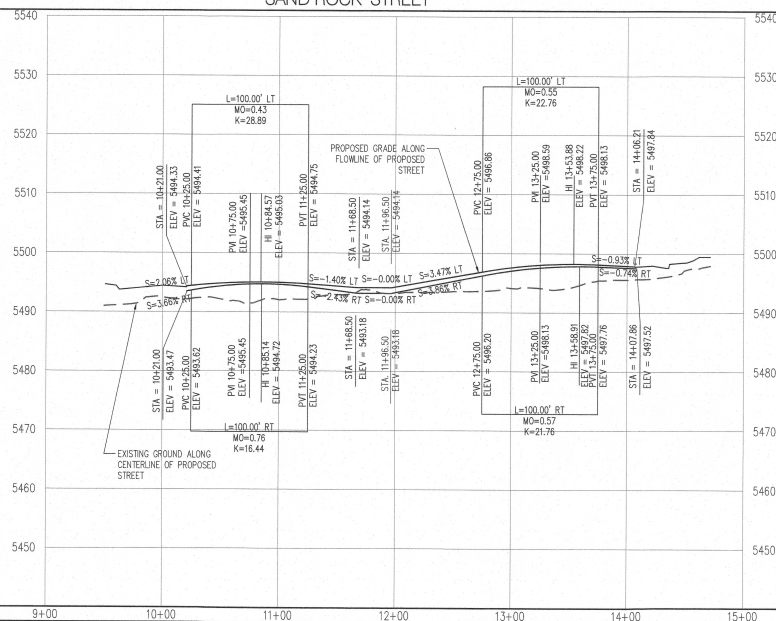
PROJECT NO. 740586
ZONE MAP NO. C-09
SHEET 9 OF 21

ID	BEARING	LENGTH
T1	N45°49'06"E	420.93'



NOTE:
QUARTER POINT FLOWLINE
ELEVATION TABLES SEE
SHEET 7 FOR A, B
SHEET 8 FOR C, D, E, F
SHEET 9 FOR G, H

SAND ROCK STREET



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- [8] BUILD 8' ASPHALT TRAIL SEE DETAIL SHEET 11
- [9] BUILD 6' SIDEWALK PER COA STD. DWG. 2430

GENERAL NOTE:

ALL STORM DRAIN MANHOLES SHALL BE 4' DIAMETER TYPE 10 AS PER C.O.A. STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

STORM DRAIN LINE TO BE CLASS III RCP UNLESS OTHERWISE NOTED

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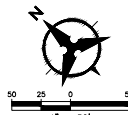
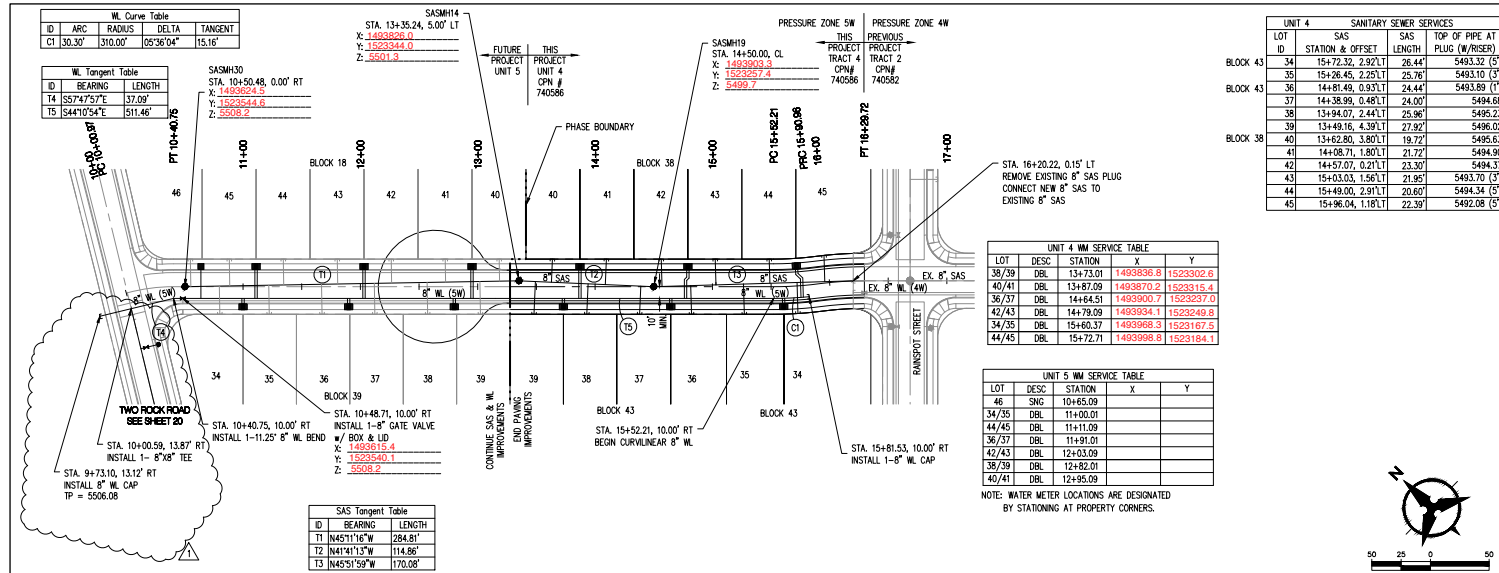
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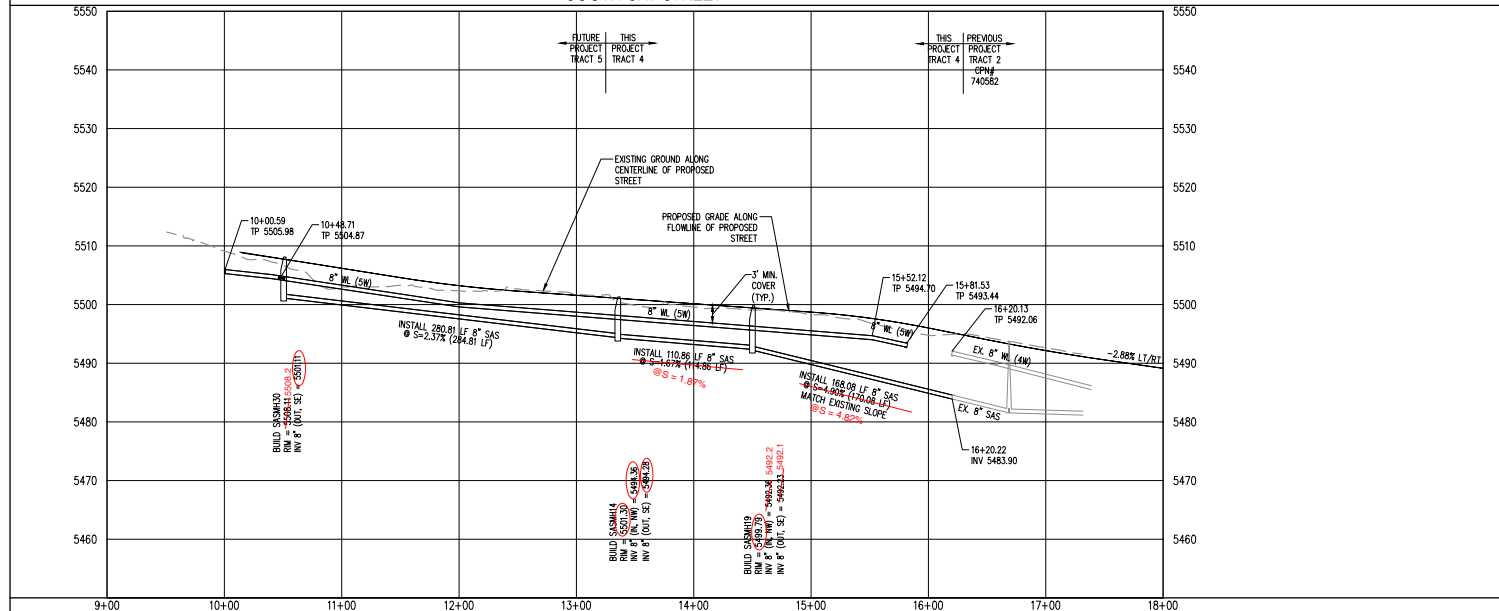


NO.	DATE	REVISIONS
1	02-24-19	DESIGN

DESIGN REVIEW COMMITTEE	CITY ENGINEER	NO. DATE	NO. DATE
CEL 18 2019	FEB 9 2020		



SOUTH SKY STREET



P:\20190414\CD\Plans\PH\Unit4\20190414_ump01.dwg
Tue, 17-Mar-2020 - 1:51pm, Plotted by: HGRDC

BHI JOB NO. 20190414

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

CITY PROJECT NO. 740586 ZONE MAP NO. C-09 SHEET 13 OF 21

NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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- 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 #8.
- 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.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE 1E AS PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.
SAS LINE TO BE PVC (SDP-36)
WATER LINE TO BE C90-PVC OR-18
ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)
ALL VALVES AND BENDS TO BE RESTRAINED WITH RESTRAINING JOINT UNLESS OTHERWISE NOTED.
REFER TO SHEET 12 FOR TABLE

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, 2365, 2342

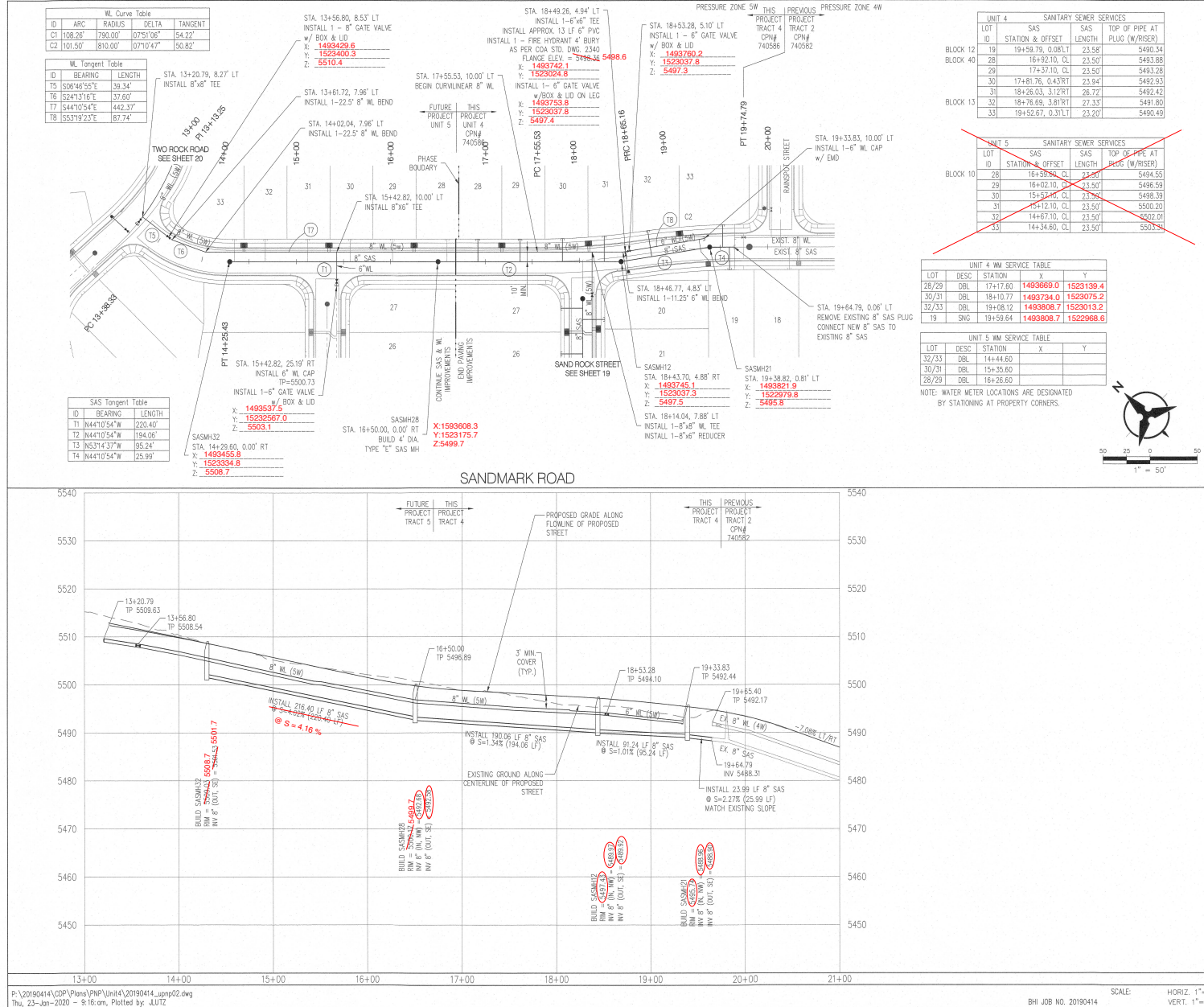
VISIT http://www.abqwa.org/for_Builders.aspx FOR STANDARD DRAWINGS

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VALLE PRADO
UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
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- 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.

GENERAL NOTE:

ALL SANITARY SEWER MAN-HOLES SHALL BE 4' DIAMETER TYPE 2 AS PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.

SAS LINE TO BE PVC (SDR-35) WATER LINE TO BE C800-PVC (DR-18) ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)

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

REFER TO SHEET 12 FOR TABLE

ITEM	PER STD.	DWG.
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, 2365, 2342

VISIT http://www.abcmua.org/for_Builders.aspx FOR STANDARD DRAWINGS

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CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

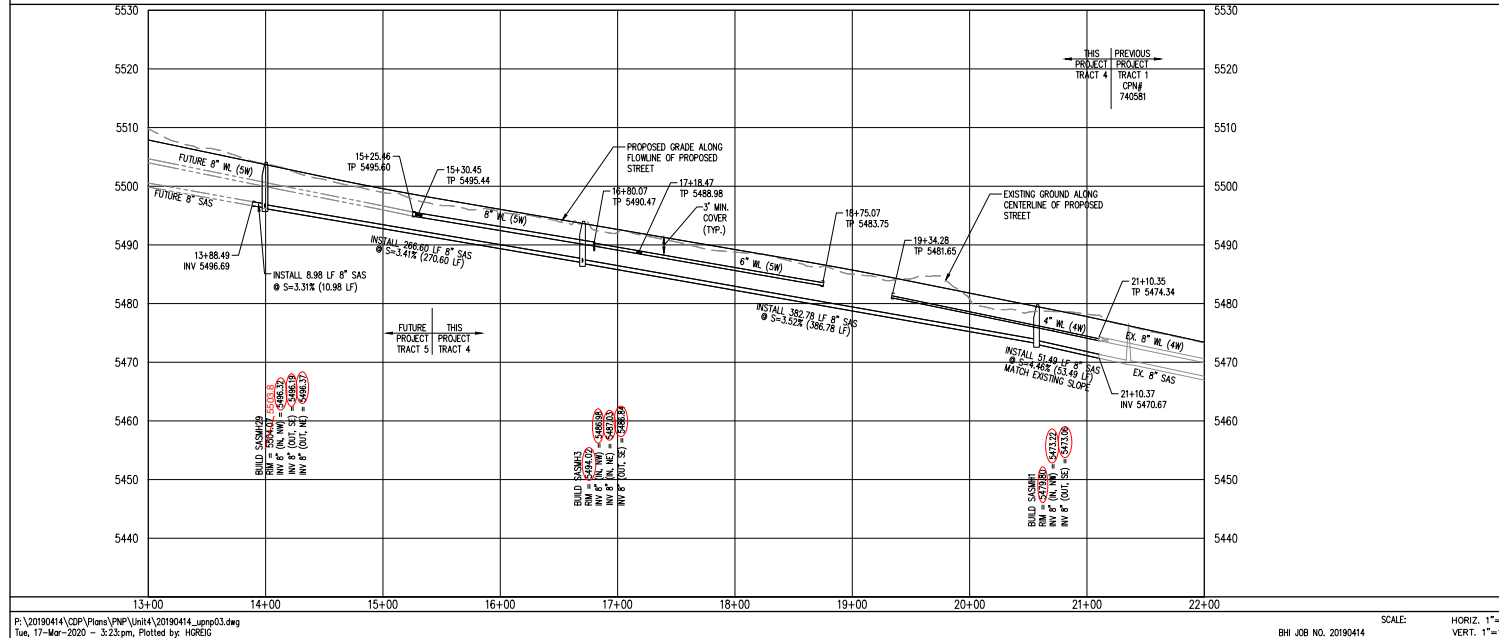
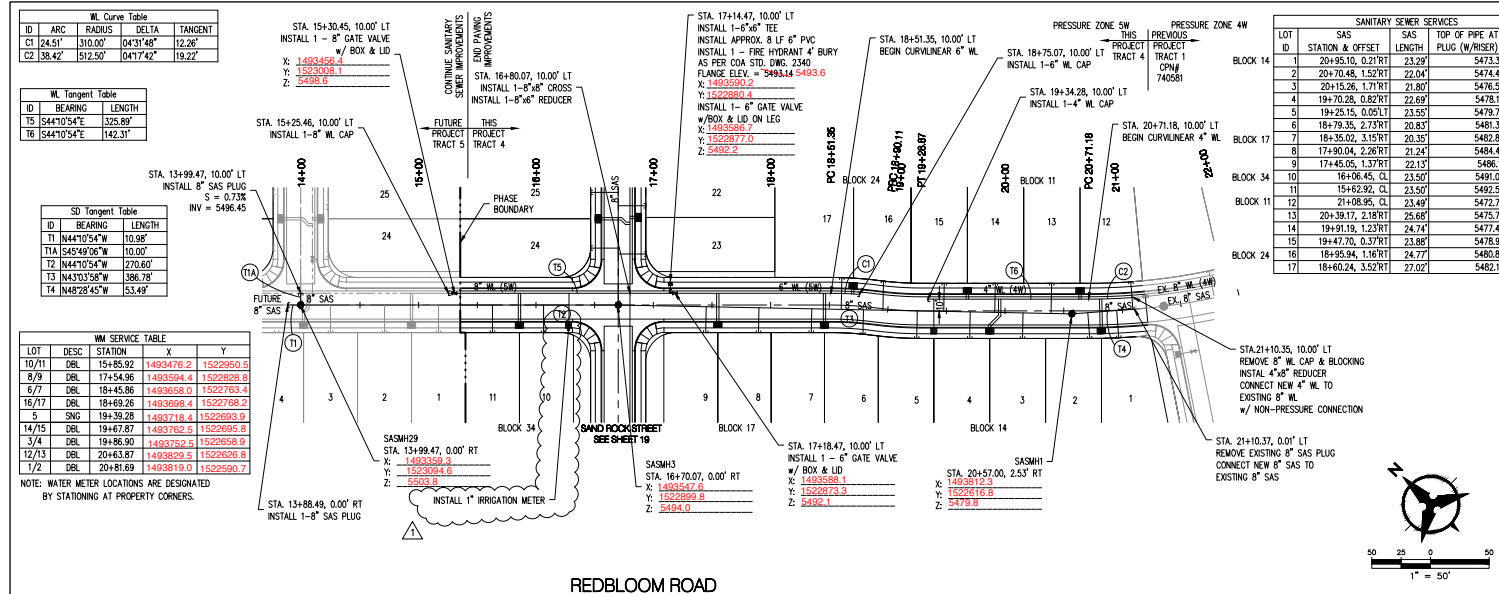
VALLE PRADO UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
FEB 06 2021	FEB 05 2020		

DESIGN REVIEW COMMITTEE CITY ENGINEER

NO.	DATE	REVISIONS	BY
1	DATE 10/2019	DESIGN	DATE 10/2019
2	DATE 10/2019	REVISIONS	DATE 10/2019

ZONE MAP NO. 740586 C-09 SHEET 14 OF 21



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI 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 EMB 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, (ABQWIA 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 CONTRACTOR'S EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER TO NEAREST JOINT.
- 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. JOINT TYPES 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, 1996 EDITION AS REVISED THROUGH UPDATE #8.
- 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.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE 12" AS PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.

SAS LINE TO BE PVC (SDP-36)

WATER LINE TO BE C90-PVC OR IR

ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)

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

REFER TO SHEET 12 FOR TABLE

ITEM	PER STD. DWG.	2306 & 2308
VALVES	PER STD. DWG.	2306 & 2308
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, 2365, 2342

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

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

VALLE PRADO
UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YS	NO./DAY/YS
LAST DESIGN UPDATE			

DESIGNED BY	DATE/2019	DRAWN BY	DATE/2019	CHECKED BY	DATE/2019
YPM		AR		YPM	

Revision #1 - 1" Irrigation Meter

1-17/7/20

UPDATED WATER LINE TO REMOVE PVE

NO. DATE

REMARKS

DESIGN

DATE/2019

DATE/2019

SCALE: HORIZ. 1"=50'

VERT. 1"=10'

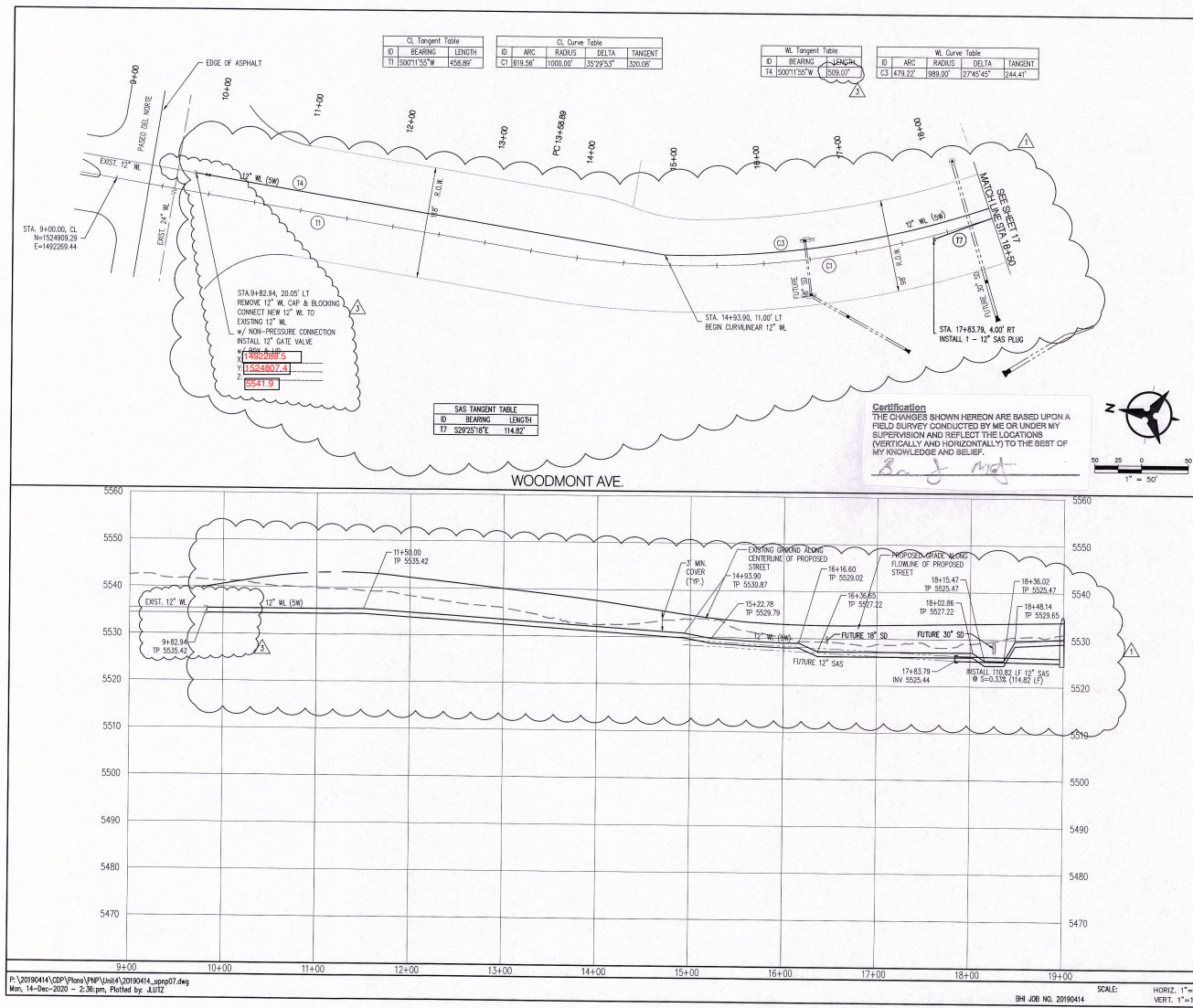
BHI JOB NO. 20190414

C-09

15

21

RECORD DRAWINGS



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADIUS SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURB DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND SIGN 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, (ADCMIA 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 CONTRACTOR'S EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER TO NEAREST JOINT.
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. 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. JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
14. ALL EDUCATION, TRAINING, AND DRINKING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH CSIA 29 CFR 1926.650 SUBPART F.
15. ELECTRONIC MARKER SPHERES (EWS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8.
16. 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 SEWER 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.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE 20 AS PER COA-A STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.

SAS LINE TO BE PVC 30" (30" DIA.)

WATER LINE TO BE C900-PVC (30" DIA.)

ALL WATER METERS 3/4" UNLESS OTHERWISE NOTED

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

REFER TO SHEET 12 FOR TIE IN.

VALVES	PER STD. DWG. 2308 & 2308
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, 2365, 2342

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

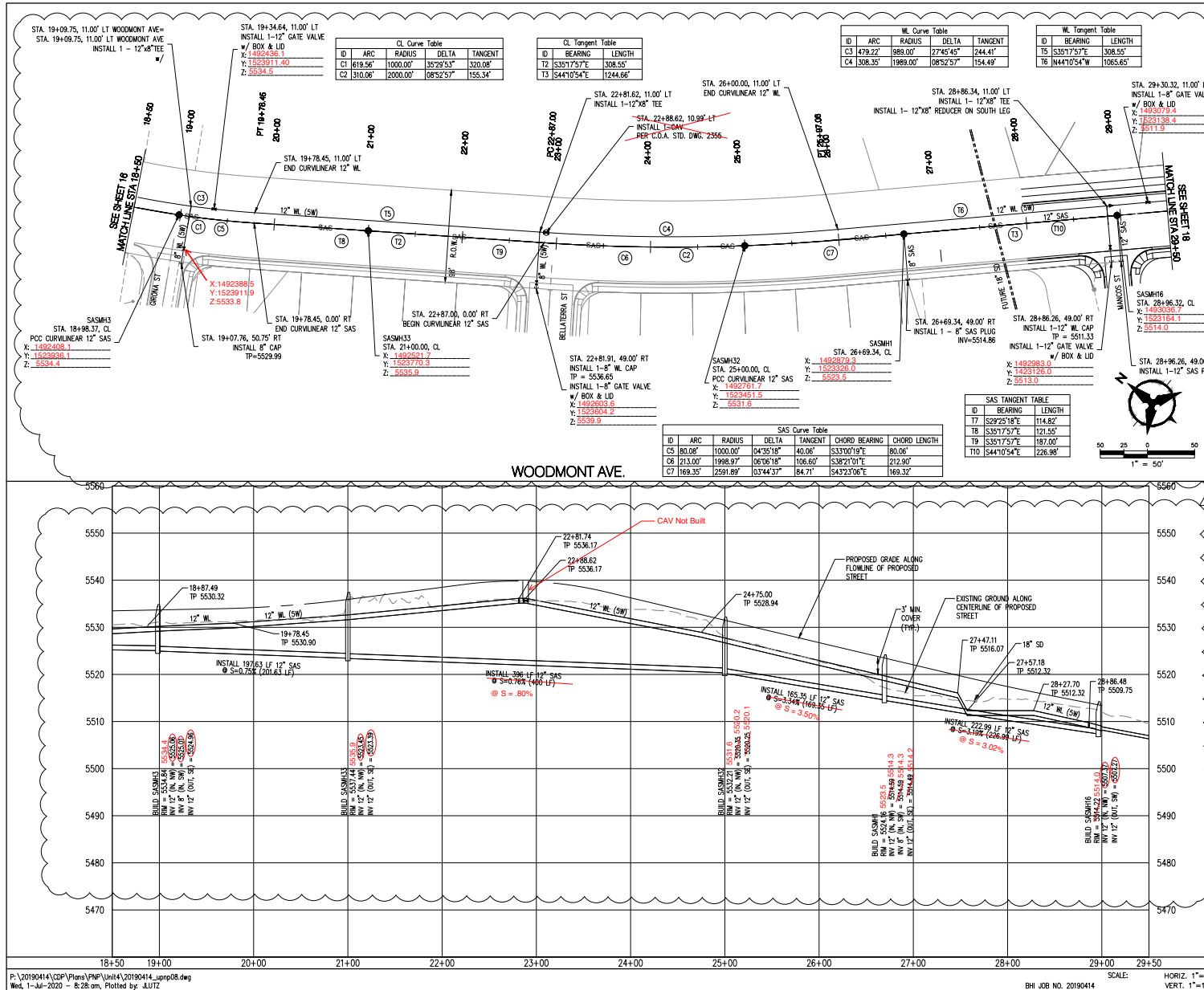
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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

VALLE PRADO
UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE	DATE
APPROVED Dec. 23, 2020	APPROVED Dec. 23, 2020	12/23/2020	12/23/2020
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

PROJECT NO. 740586
ZONE MAP NO. C-09
SHEET 16 OF 21



- ## NOTES
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RAMP SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REQUIRED TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4" X 4' X 5' POST AND EMB AT THE END OF EACH SANITARY SEWER/SEWER.
 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 INSPECTIONS, (ASBWA 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 (CURBS & DRIVEWAYS, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 11. REMOVAL OF THE EXISTING CURBS AND GUTTER TO NEAREST JOINT.
 12. WHEELCHAMP RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 13. RAMP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. LANDSCAPING IS THE RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION OF PIPE. JOINT SIZES NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY CITY REVIEW.
 14. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUPPORT P.
 15. ELECTRIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 701.01 DRAWING. U.S. STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1996 EDITION AS REVISED THROUGH 1998.
 16. AT UTILITY CROSSINGS WHERE LESS THAN 15.00 FEET OF SEPARATION FROM STORM DRAIN PIPE OR MANHOLE IS PRESENT (LAND FILL IS TO BE USED) 1" FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE STORM DRAIN PIPE OR STORM DRAIN TO BOTTOM OF SANITARY SEWER OR WATER LINE OR 24" FOR 10 FEET ABOVE THE SEWER OR WATER LINE CENTERED ON THE MANHOLE WITH DEPTH EQUAL TO 2X SEWER OR WATER LINE DIAMETER.

GENERAL NOTE:
ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER
TYPE "P" AS PER C.O.A. STANDARD DRAWING 2101 UNLESS
OTHERWISE NOTED.

SAS LINE TO BE PVC (SDR-36)
WATER LINE TO BE C900-PVC (DR-18).
ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)

ALL VALVES AND BENDS TO BE RESTRAINED WITH RESTRAINING JOINT UNLESS OTHERWISE NOTED.
REFER TO SHEET 12 FOR TABLE

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, 2365, 2342

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

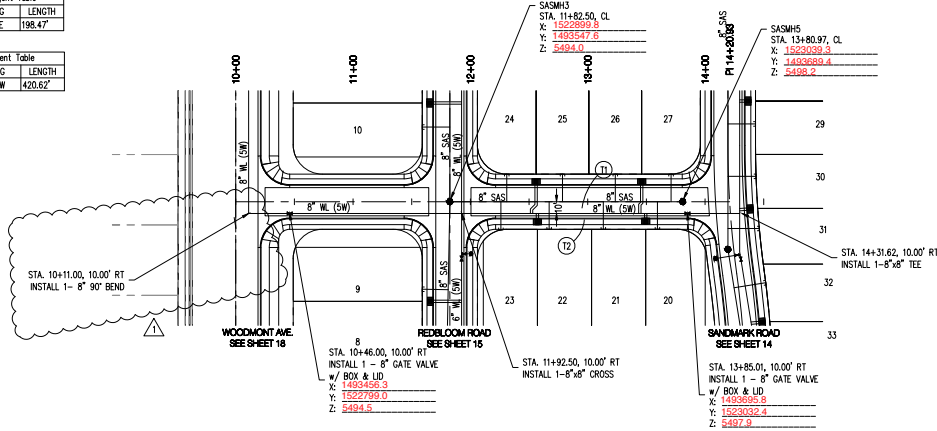
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VALLE PRADO
UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.			
CITY PROJECT NO.	740586	ZONE MAP NO.	C-09	SHEET	17	OF	21

SAS Tangent Table		
ID	BEARING	LENGTH
T1	N45°49'06"E	198.47

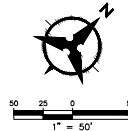
WL Tangent Table		
ID	BEARING	LENGTH
T2	S45°49'06"W	420.62



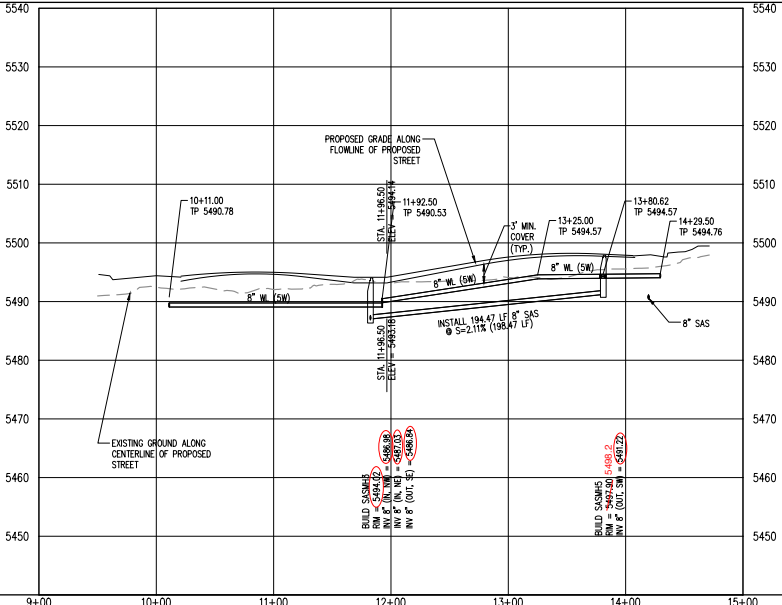
SANITARY SEWER SERVICES				
LOT	SAS	SAS	TOP OF PIPE AT	
ID	STATION & OFFSET	LENGTH	PLUG (W/R/S)	
20	13+58.45, CL	23.50'	5492.36	(1)
21	13+13.27, CL	23.50'	5492.36	(1)
22	12+67.14, CL	23.50'	5490.90	
24	12+31.00, CL	23.50'	5489.89	
25	12+78.50, CL	23.50'	5489.84	(1)
26	13+23.50, CL	23.50'	5493.03	(1)
27	13+71.01, CL	23.50'	5493.15	
23	12+26.00, CL	24.01'	5489.79	

WM SERVICE TABLE				
LOT	DESC	STATION	X	Y
24/25	DBL	12+58.00	1493388.3	1522964.4
22/23	DBL	12+57.14	1493611.7	1522961.1
26/27	DBL	13+46.00	1493653.0	1523027.4
20/21	DBL	13+48.41	1493678.1	1523005.6

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



SAND ROCK STREET



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI 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 EMB 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, (ABQWIA 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 CONTRACTOR'S EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER TO NEAREST JOINT.
- 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, 1966 EDITION AS REVISED THROUGH UPDATE #8.
- 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.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE 12" AS PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.

SAS LINE TO BE PVC (SDP-36)

WATER LINE TO BE C90-PVC OR IR

ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED)

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

REFER TO SHEET 12 FOR TABLE

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, 2305, 2342

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

ENGINEER'S SEAL

Valle Prado, City Engineer, Department of Municipal Development

REVISIONS

NO.	DATE	BY	REMARKS
1	3/7/20	UP	UPDATED WATER LINE TO REMOVE PIV

DESIGNED BY

YPM

DRAWN BY

AR

CHECKED BY

YPM

[illegible]