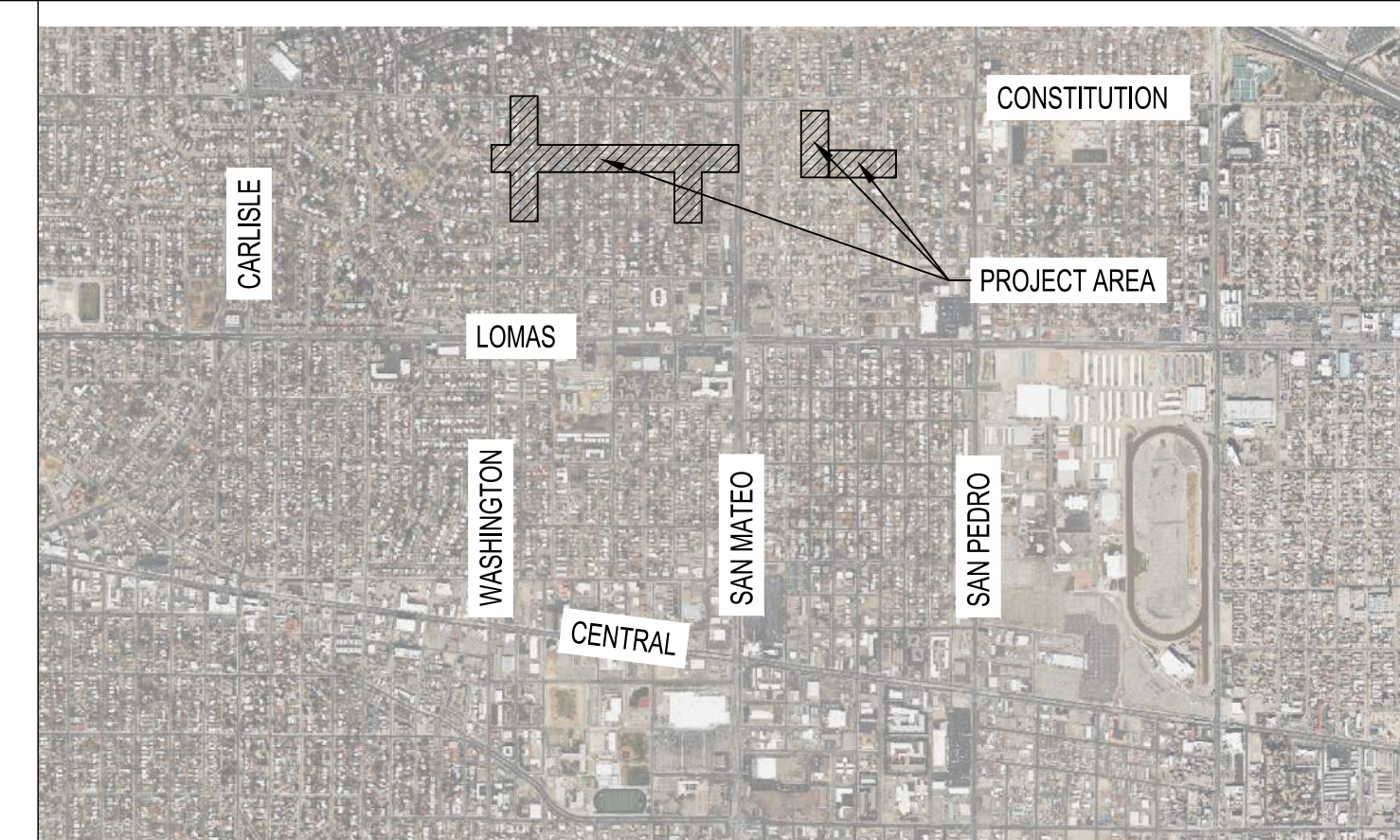


# CITY OF ALBUQUERQUE NEW MEXICO DEPARTMENT OF MUNICIPAL DEVELOPMENT *ENGINEERING DIVISION*



**VICINITY MAP**

ZONE ATLAS MAP J-17, J-18  
NTS



**30% REVIEW  
DECEMBER 2023**

**PUEBLO ALTO MILE HI  
GSI PILOT PROJECT**

**631594**

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



**Know what's below.  
Call before you dig.**  
CALL NM ONE-CALL  
SYSTEM SEVEN (7) DAYS  
PRIOR TO ANY  
EXCAVATION

ENGINEER STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****	
<b>30% FOR REVIEW ONLY</b>  December 8, 2023	DRC CHAIRPERSON			APPROVED FOR CONSTRUCTION	
	TRANSPORTATION				
	WATER/WASTEWATER				
	HYDROLOGY				
	PARKS				CITY ENGINEER
CONST. MGMT.					
CONST. COORD.					
CITY PROJECT NO.				DWG NO.	SHEET NO.
				1-1	1 OF 35



CONSULTANTS

BENCH MARKS

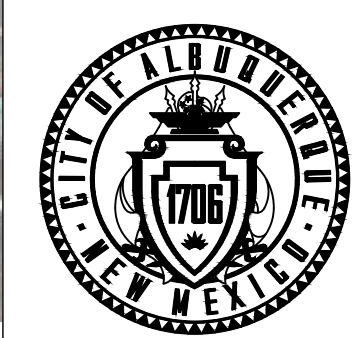
SEAL

**30% FOR  
REVIEW  
ONLY**

November 22, 2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	
		INSPECTOR'S ACCEPTANCE BY:	
		FIELD VERIFICATION BY:	
		DRAWINGS CORRECTED BY:	

DESIGNED BY: RGS  
DRAWN BY: NEC  
CHECKED BY: VCS  
DATE: 08/2023



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SHEET INDEX**

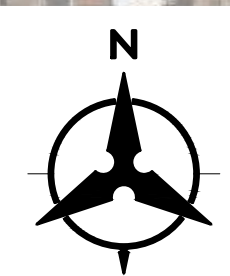
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 1-2	SHEET NO. 2	OF 35

**INDEX OF SHEETS**

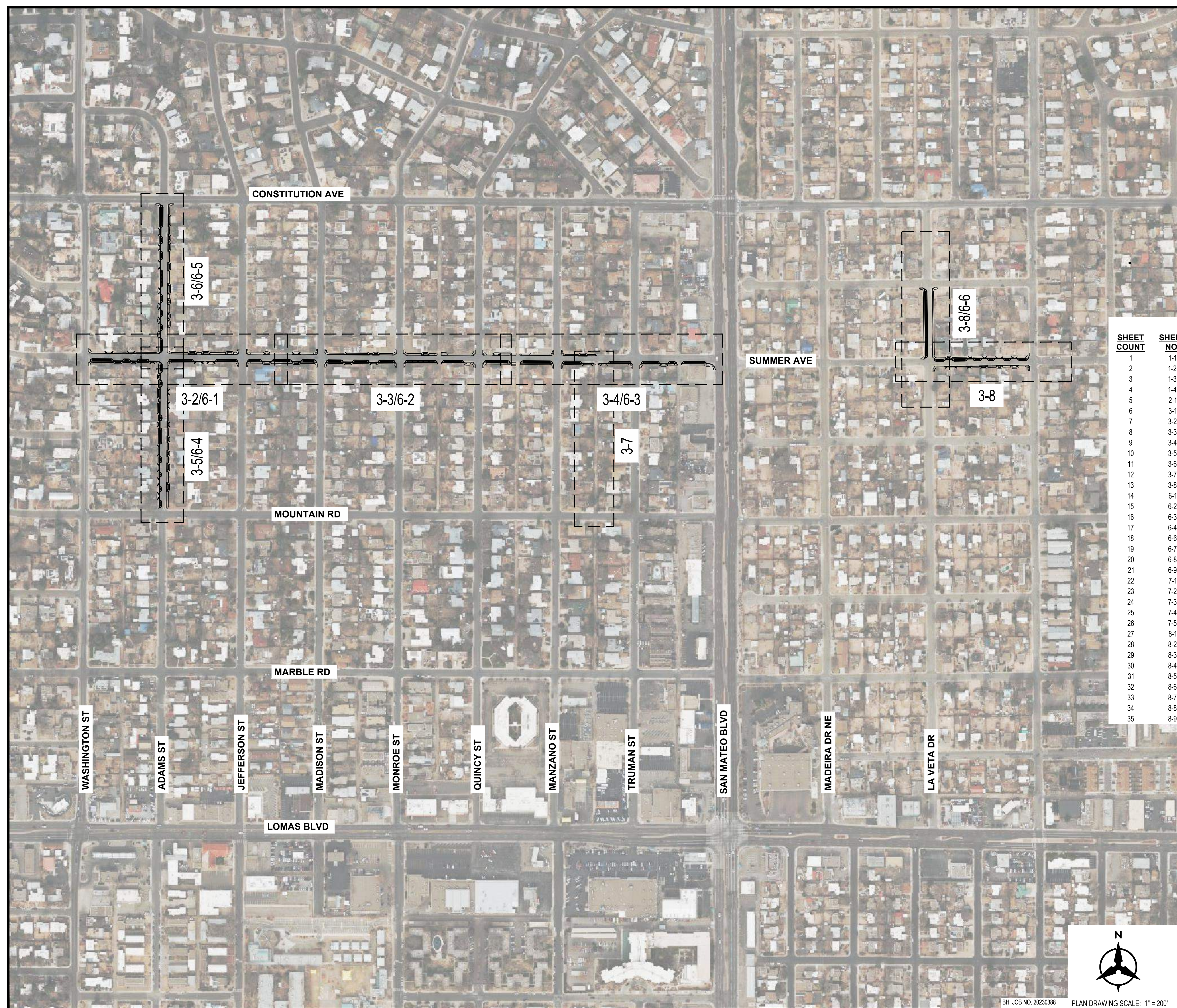
SHEET COUNT	SHEET NO.	SHEET NAME
1	1-1	COVER SHEET
2	1-2	SHEET INDEX
3	1-3	GENERAL NOTES / LEGEND
4	1-4	TYPICAL SECTIONS AND DETAILS
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10	3-5	ADAMS ST. - GSI CONCEPT PLAN
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31	8-5	PLANTING PLAN
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33	8-7	PLANTING PLAN
34	8-8	PLANTING PLAN
35	8-9	PLANTING PLAN



CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION



BHI JOB NO. 20230388 PLAN DRAWING SCALE: 1" = 200'





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 CURRENT UPDATE, 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 MATERIAL, AND HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT 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. COST OF POTHOLING IS INCLUDED IN DRY UTILITY RELOCATION ALLOWANCE.
- 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 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://ABCWUA.ORG/WATER\\_SHUT\\_OFF\\_AND\\_TURN\\_ON\\_PROCEDURES.ASPX](http://abcwua.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 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.
- SAS AND WATERLINE RELOCATION SHALL BE COORDINATED WITH ABCWUA.
- CONTRACTOR SHALL SUBMIT A SAS MANHOLE PROTECTION PLAN PRIOR TO REMOVAL OF PAVEMENT ADJACENT TO EXISTING SAS MANHOLES. CONTRACTOR SHALL COORDINATE PROTECTION OF SAS MANHOLES WITH ABCWUA.

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.
- 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.

STORM DRAINS

- ALL STORM DRAIN LINE STATIONING REFERS TO STORM DRAIN CENTERLINE STATIONING.
- 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

- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- IN ADVANCE OF CONSTRUCTION, CONTRACTOR SHALL DETERMINE IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, 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, AND SHALL BE INCIDENTAL TO THE PROJECT.
- PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'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 THE PROJECT.
- 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 THERETO.
- 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.
- 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 BARRICADE 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.

LEGEND	
---	EXISTING PHONE LINE
---	EXISTING OVERHEAD ELECTRIC LINE
---	EXISTING GAS LINE
---	EXISTING STORM DRAIN
---	PROPOSED STORM DRAIN
---	EXISTING SANITARY SEWER
---	EXISTING WATER LINE
---	RIGHT-OF-WAY
	EXISTING / PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	EXISTING SANITARY MANHOLE
	PROPOSED UNDERGROUND STORAGE SYSTEM
	PROPOSED STORMWATER BUMPOUT

CONSULTANTS

BENCH MARKS

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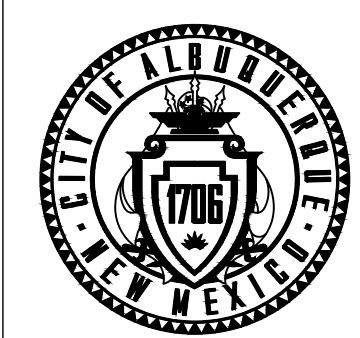
November 22, 2023

NO.	DATE	DESCRIPTION	BY
AS-BUILT INFORMATION		CONTRACTOR:	
WORK STAKED BY:		INSPECTOR'S ACCEPTANCE BY:	DATE:
FIELD VERIFICATION BY:		DRAWINGS CORRECTED BY:	DATE:



CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

DESIGNED BY: RGS
DRAWN BY: NEC
CHECKED BY: VCS
DATE: 08/2023

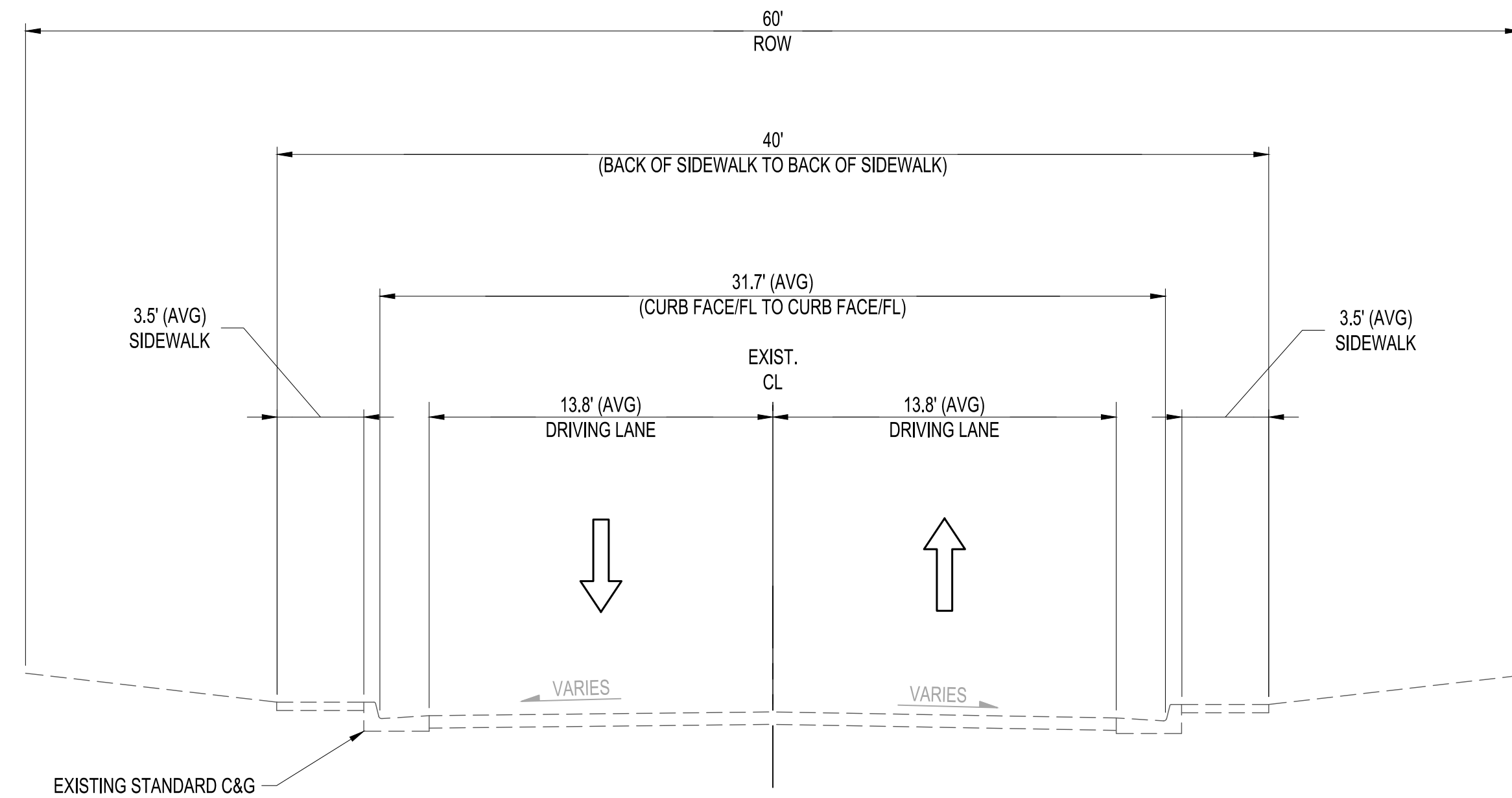


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
GENERAL NOTES  
LEGEND**

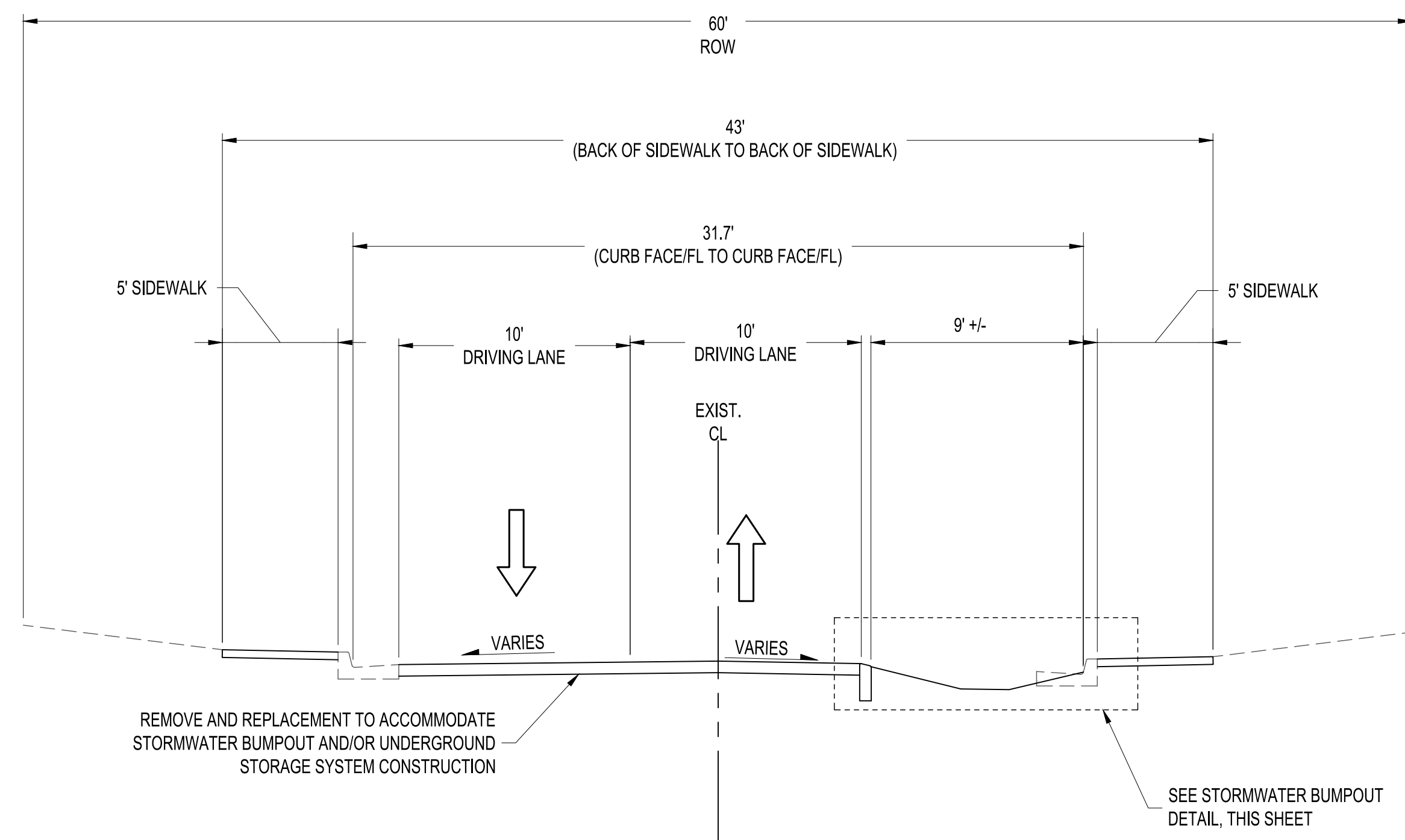
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 1-3	SHEET NO. 3	OF 35





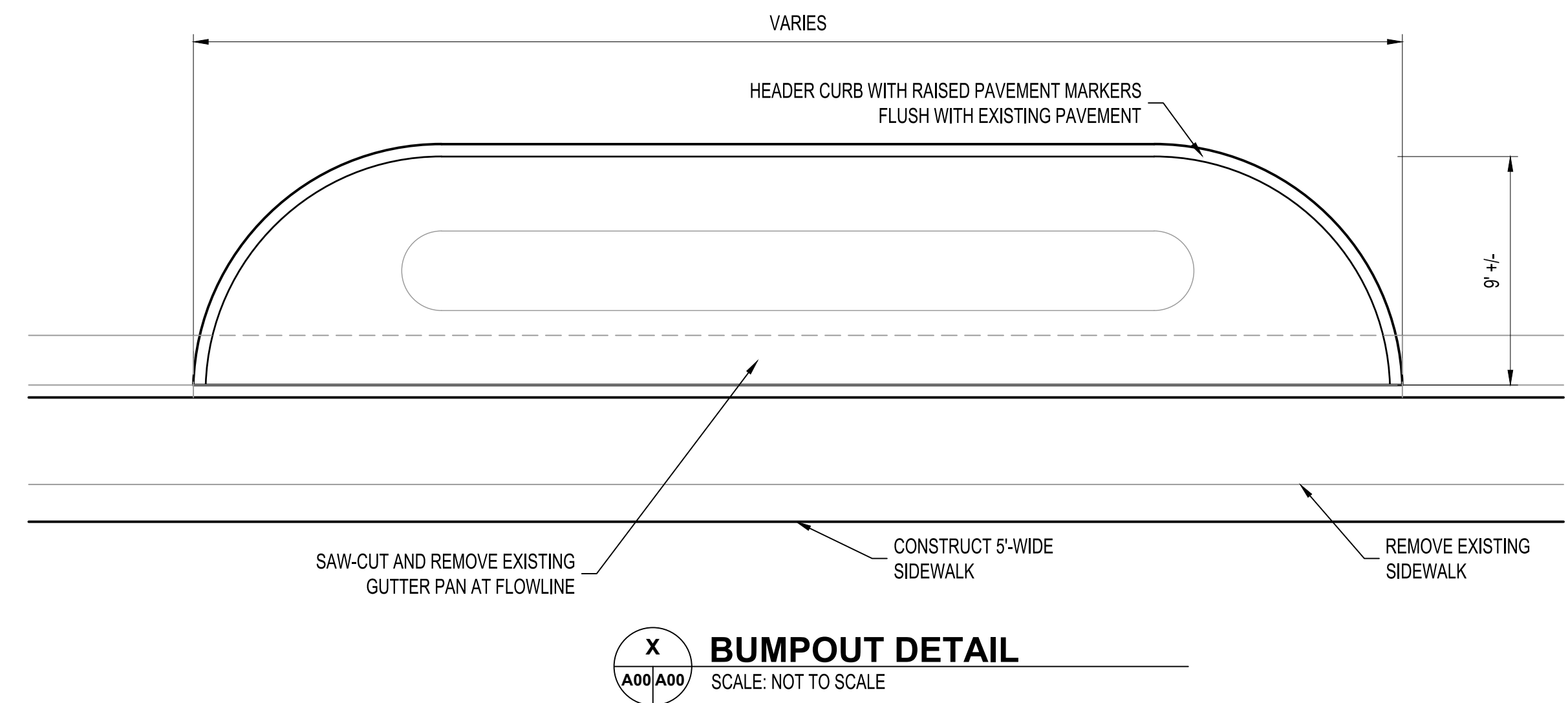
**EXISTING TYPICAL SECTION**

SUMMER AVE. - WASHINGTON ST. TO SAN MATEO BLVD.  
 ADAMS ST. NE - CONSTITUTION AVE. NE TO MOUNTAIN RD. NE  
 LA VETA DR. - EL ENCANTO PL. NE TO SUMMER AVE. NE

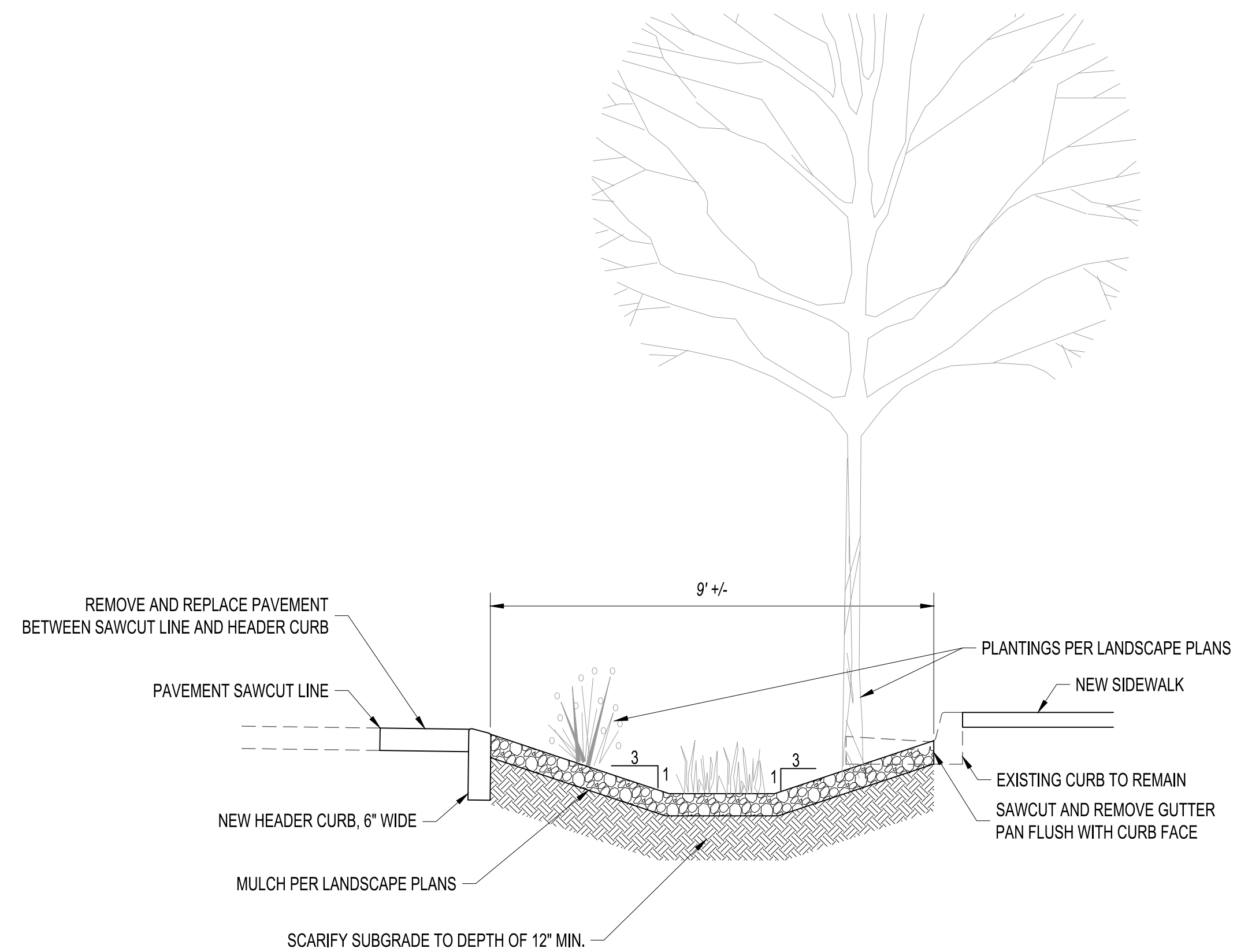


**STORMWATER BUMPOUT ROADWAY RETROFIT TYPICAL SECTION**

**NOTES:**  
 SEE DWG. NO. 6-7 AND 6-8 FOR UNDERGROUND STORAGE SYSTEM TYPICAL SECTIONS.



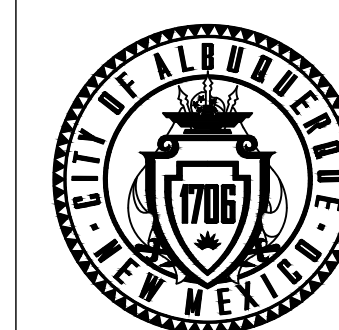
**BUMPOUT DETAIL**  
 SCALE: NOT TO SCALE



**STORMWATER BUMPOUT DETAIL**



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CITY OF ALBUQUERQUE  
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**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
 TYPICAL SECTIONS  
 AND DETAILS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 1-4	SHEET NO. 4	OF 35

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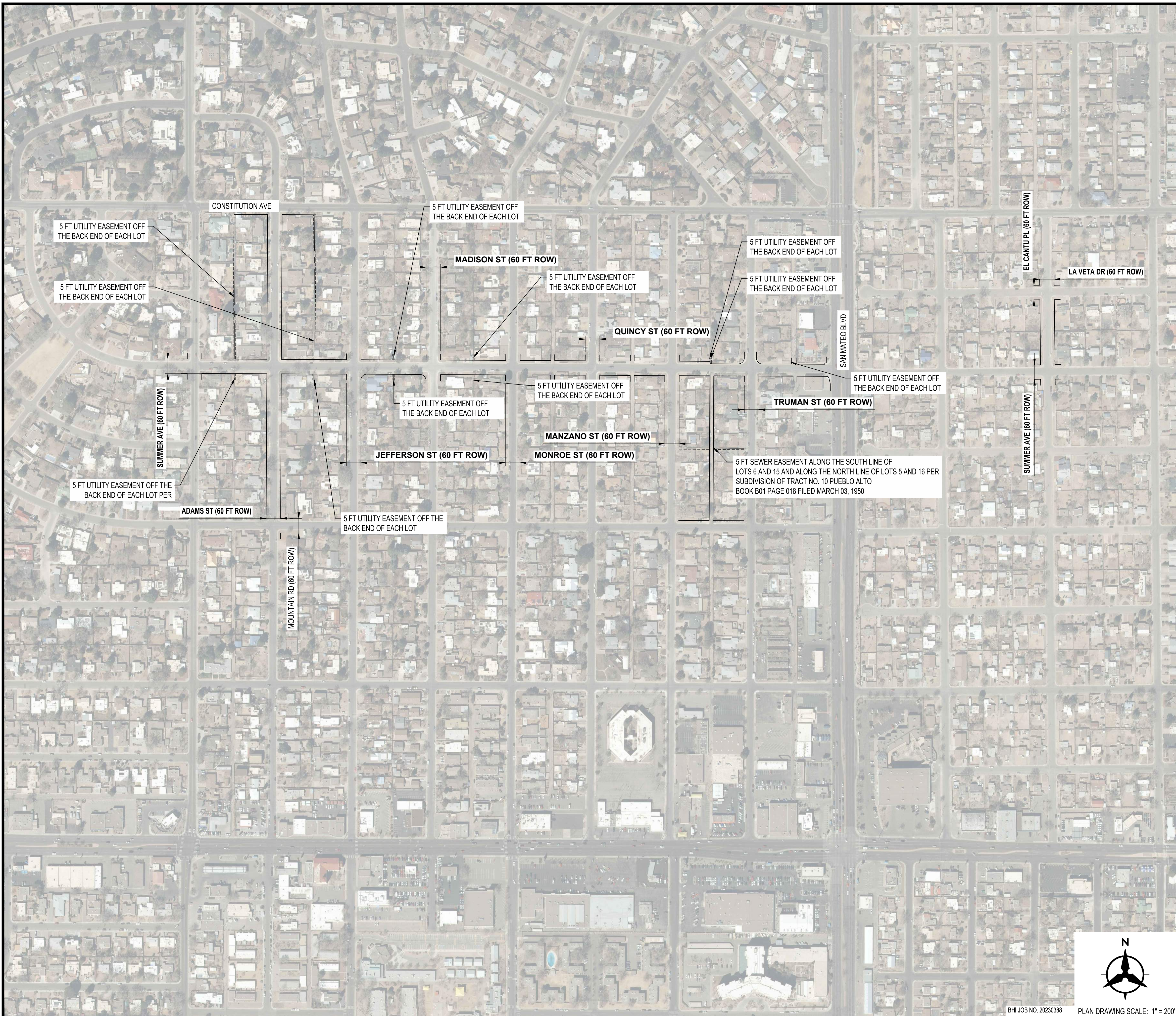
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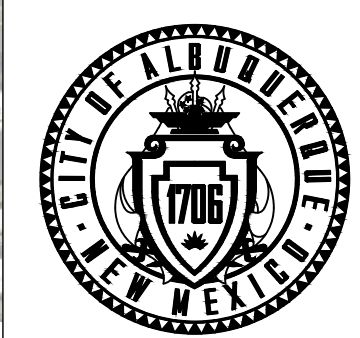
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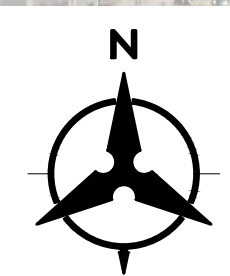
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ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
EXISTING RIGHT OF WAY**



BHI JOB NO. 20230388 PLAN DRAWING SCALE: 1" = 200'

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 2-1	SHEET NO. 5	OF 35



CONSULTANTS

BENCH MARKS

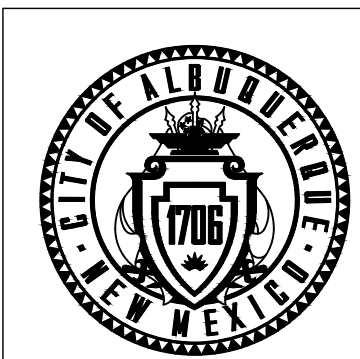
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CITY OF ALBUQUERQUE  
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ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SURVEY CONTROL**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 3-1	SHEET NO. 6	OF 35

CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION

BHI JOB NO. 20230388 PLAN DRAWING SCALE: 1" = 200'



**Introduction:**  
This control was established for the purposes of providing construction control for the City of Albuquerque Pueblo Alto Mile HI GSI Pilot Project. Monuments were established with RTK as initialized through the Trimble Network. Checks were made to AGRS control monuments. Datasheets provide the specific metadata for each monument established.

**Project Control Specifications:**

Units:	US Survey Foot
Horizontal Datum:	NAD_83(2011)(EPOCH:2010.0000)
Vertical Datum:	NAVD88
Geoid Model:	GEOID18
Projection:	Transverse Mercator
State Plane and/or UTM Zone:	New Mexico Central Zone (3002)
Basis of Bearing:	Grid Bearings
Project Combined Factor:	0.99966640 Based on OPUS Solution for BH 19-293-01
Modification Method Used:	Scaled State Plane coordinates about origin (0,0) no truncation
Field Methodology:	RTK Solution
Equipment Used:	Trimble GPS Equipment
Control Set Date:	March 28, 2023
Observation Date:	March 28, 2023
Adjustment:	
Publication Date:	April 12, 2023

I, Wyatt H. McMarlin, New Mexico Professional Surveyor No. 28508, do hereby certify that this Control Survey Report was prepared by me or under my direct supervision based on an actual survey on the ground as described herein; that I am responsible for this survey; and that the survey and report meets the minimum standards for surveying in New Mexico as defined by NMAC 12.8.2.7.B(9) - Control Surveying.

*Wyatt H. McMarlin*  
Wyatt H. McMarlin, PS, CFedS  
NMPSS 28508  
For and on Behalf of  
Bohannon Huston, Inc.  
Courtney 117600 Jefferson St. NE  
Albuquerque, NM 87109-4335  
(505) 823.1100  
April 12, 2023  
Date



**Adjusted Coordinate Listing:**

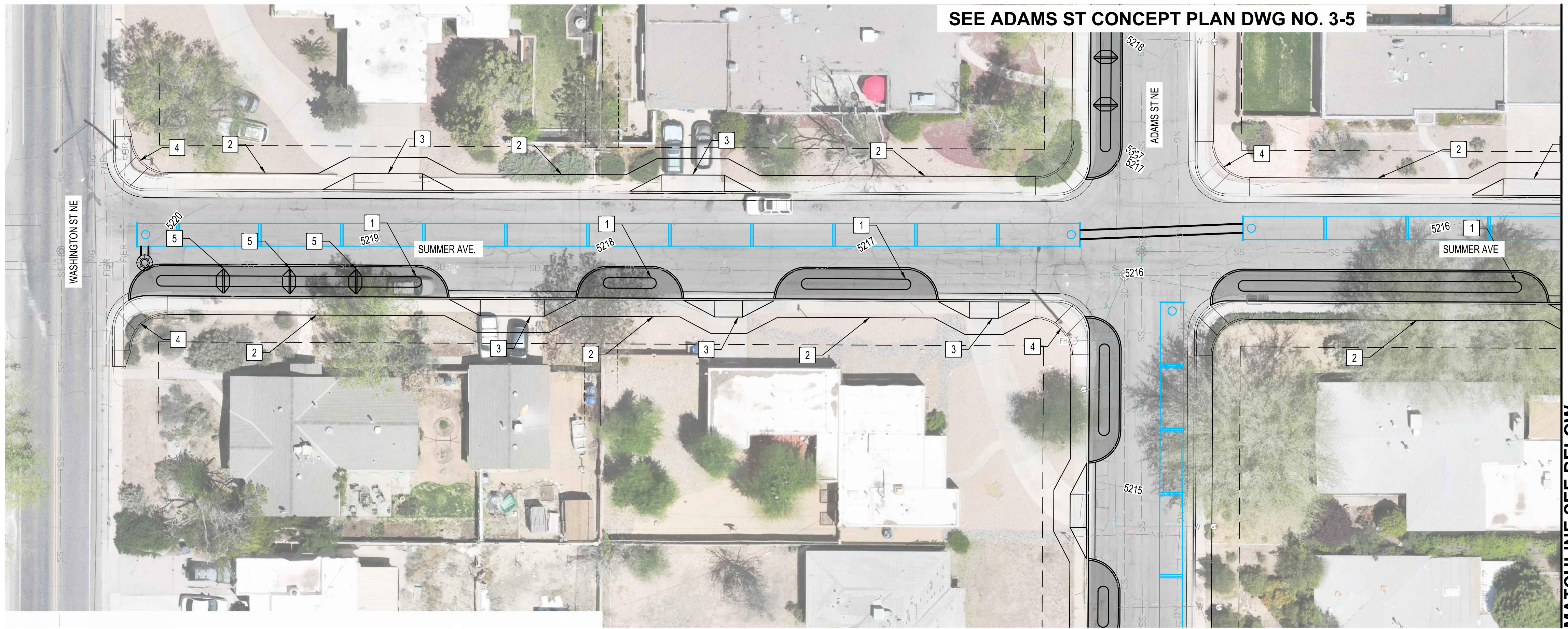
POINT	LATITUDE	LONGITUDE	ELLIPSOID (US FT)	ORTHOMETRIC HEIGHT	MODIFIED NORTHING	MODIFIED EASTING	DESCRIPTION
BH 23-388-01	N 35° 05' 34.57406"	W 106° 35' 12.27847"	5162.191	5231.333	1489784.191	1540199.259	1" BRASS PLUG STAMPED 2338801
BH 23-388-02	N 35° 05' 37.36574"	W 106° 34' 59.99063"	5165.510	5234.569	1490063.081	1541221.574	1" BRASS PLUG STAMPED 2338802
BH 23-388-03	N 35° 05' 40.73630"	W 106° 35' 38.52454"	5164.752	5234.036	1490414.834	1538019.822	1" BRASS PLUG STAMPED 2338803

**Geospatial Positional Accuracy Report:**

POINT	HORIZONTAL POSITIONAL ACCURACY	VERTICAL POSITIONAL ACCURACY
BH 23-388-01	0.025	0.036
BH 23-388-02	0.039	0.077
BH 23-388-03	0.014	0.022



SEE ADAMS ST CONCEPT PLAN DWG NO. 3-5



MATCHLINE SEE BELOW

**GENERAL NOTES:**

1. SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
2. SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

**KEYED NOTES:**

- 1 CONSTRUCT STORMWATER BUMPOUT, SEE DETAIL, DWG 1-4.
- 2 REMOVE AND REPLACE SIDEWALK WITH 5' WIDE SIDEWALK.
- 3 CONSTRUCT DRIVEPAD (ADA ACCESSIBLE) PER COA STD. DWG 2441.
- 4 CONSTRUCT ADA RAMP AT CORNER.
- 5 CONSTRUCT CHECK DAM.

CONSULTANTS



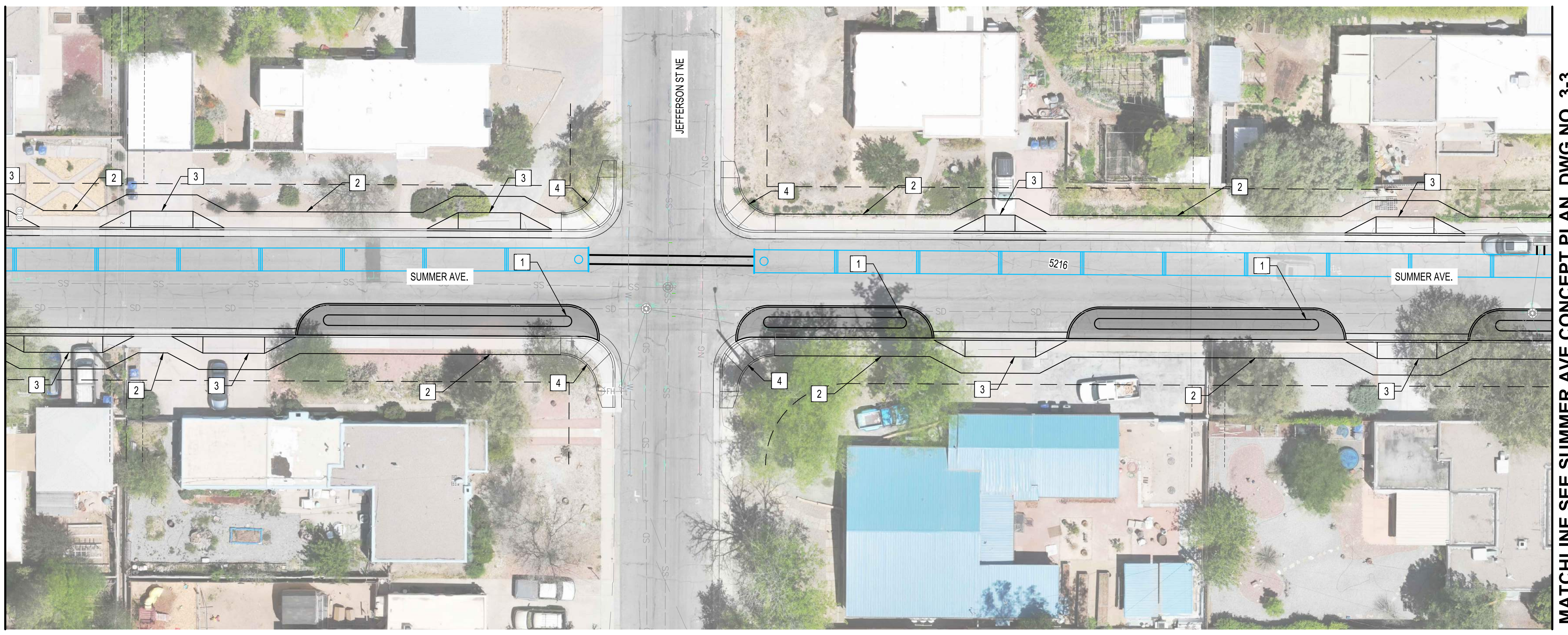
BENCH MARKS

**30% FOR REVIEW ONLY**

December 5, 2023

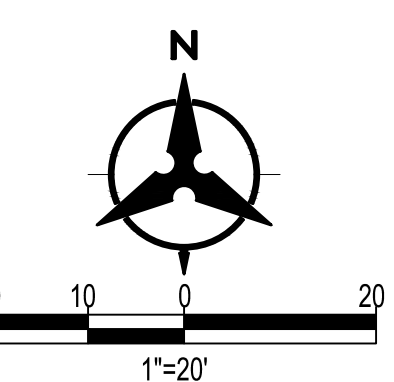
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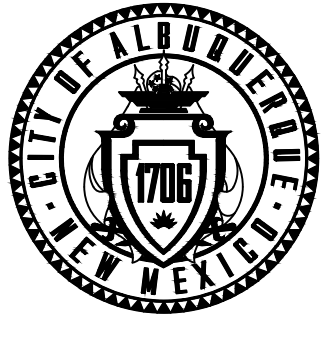


MATCHLINE SEE ABOVE

MATCHLINE SEE SUMMER AVE CONCEPT PLAN DWG NO. 3-3



CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

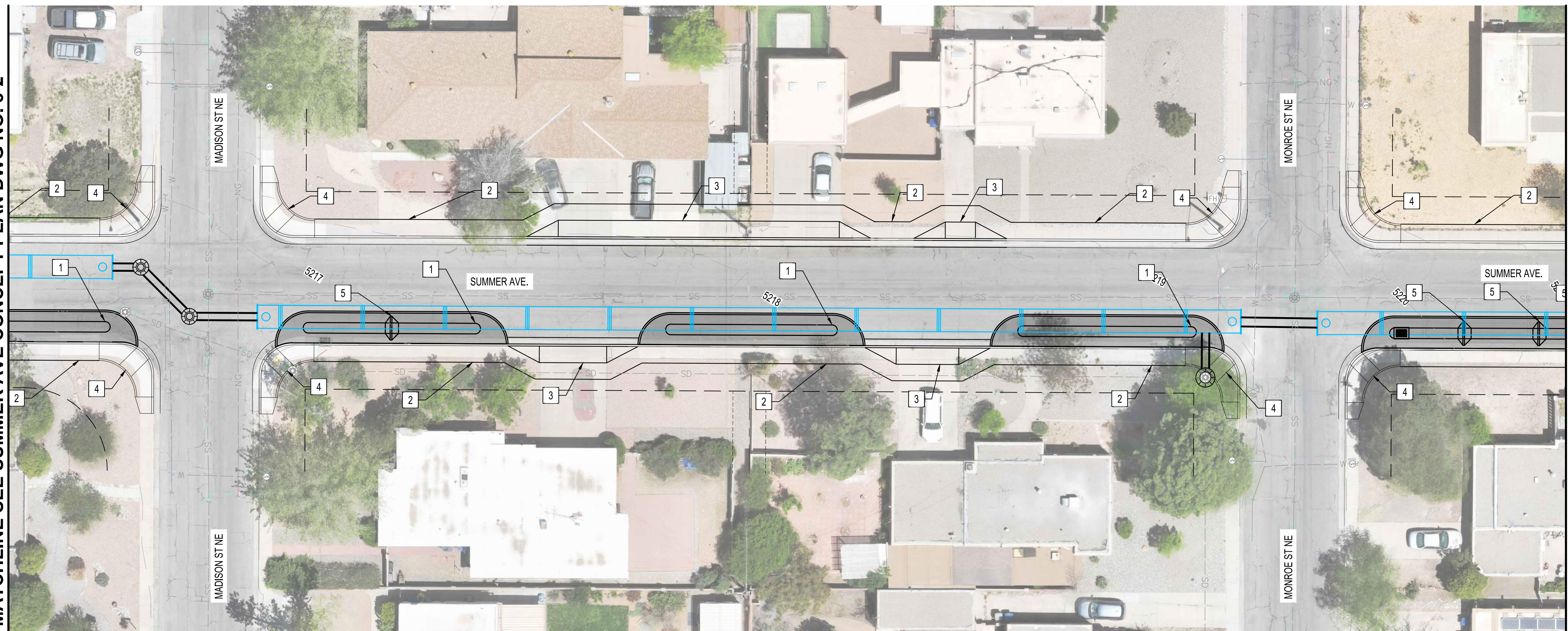
**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SUMMER AVE.  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 3-2 7 OF 35

BHI JOB NO. 20230388

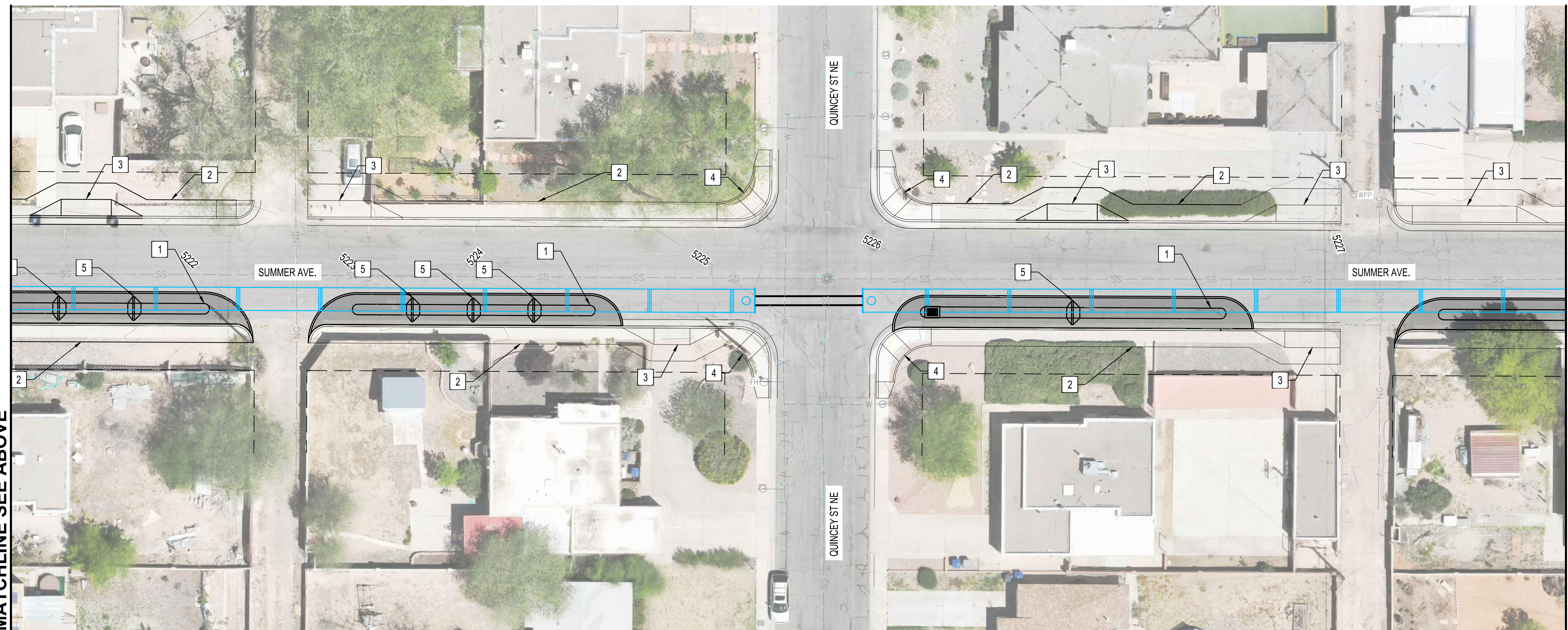


MATCHLINE SEE SUMMER AVE CONCEPT PLAN DWG NO. 3-2



MATCHLINE SEE BELOW

MATCHLINE SEE ABOVE



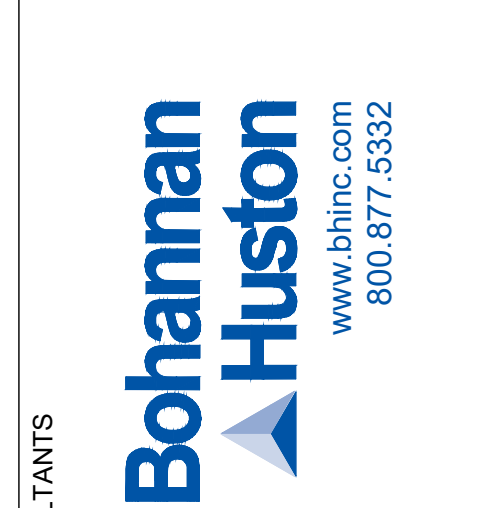
MATCHLINE SEE SUMMER AVE CONCEPT PLAN DWG NO. 3-4

**GENERAL NOTES:**

1. SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
2. SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

**KEYED NOTES:**

- 1 CONSTRUCT STORMWATER BUMPOUT, SEE DETAIL, DWG 1-4.
- 2 REMOVE AND REPLACE SIDEWALK WITH 5' WIDE SIDEWALK.
- 3 CONSTRUCT DRIVEPAD (ADA ACCESSIBLE) PER COA STD. DWG 2441.
- 4 CONSTRUCT ADA RAMP AT CORNER.
- 5 CONSTRUCT CHECK DAM.



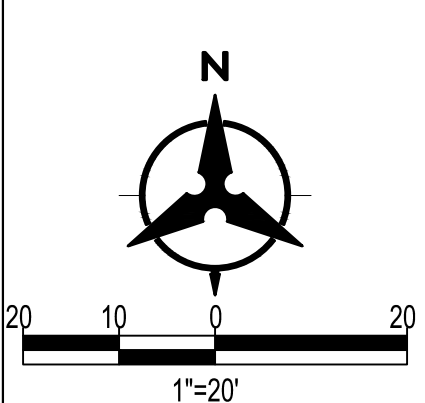
CONSULTANTS

BENCH MARKS

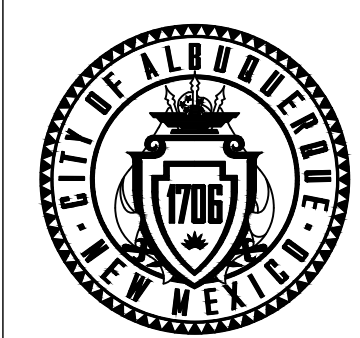
**30% FOR REVIEW ONLY**

December 5, 2023

NO.	DATE	DESCRIPTION	BY
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		WORK STAKED BY:	
		INSPECTOR'S ACCEPTANCE BY:	
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		DRAWINGS CORRECTED BY:	



CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION



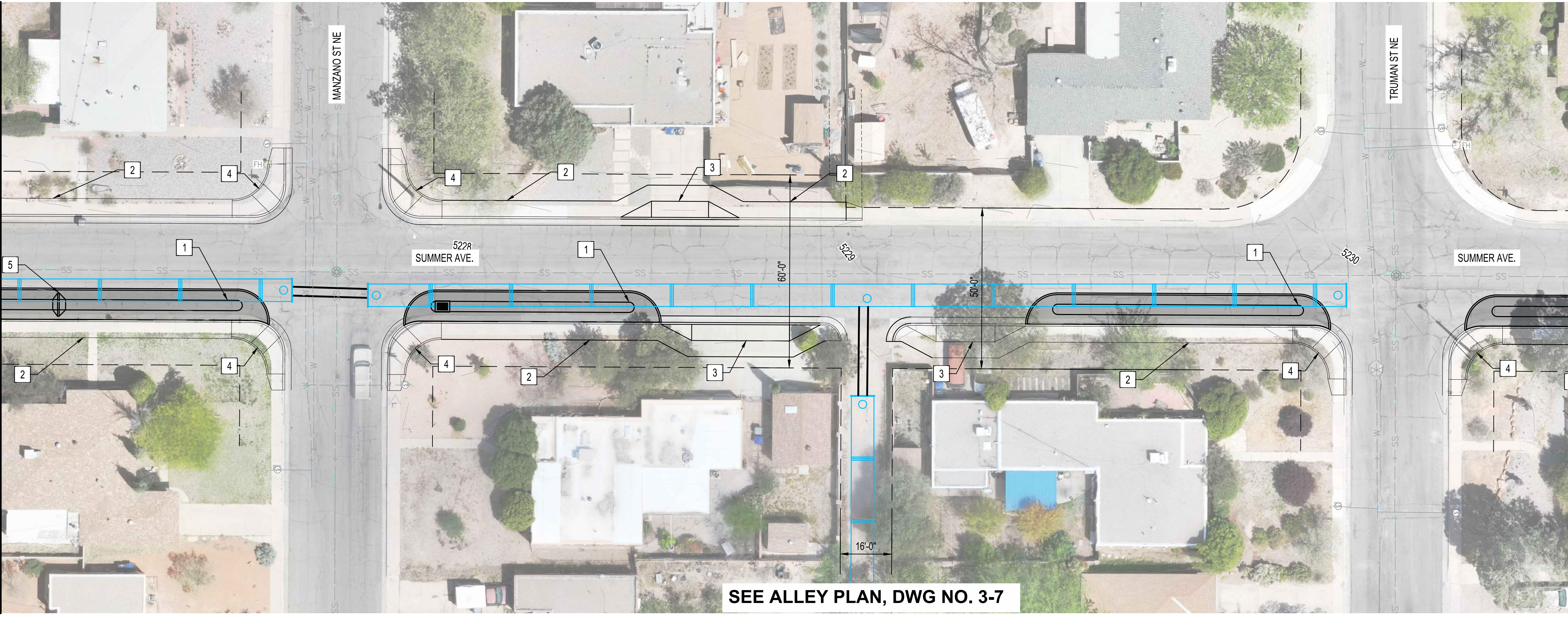
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SUMMER AVE.  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18	
		CITY PROJECT NO. 631594	
DWG NO. 3-3	SHEET NO. 8	OF 35	



MATCHLINE SEE SUMMER AVE CONCEPT PLAN SEE DWG NO. 3-3



SEE ALLEY PLAN, DWG NO. 3-7

MATCHLINE SEE BELOW

**GENERAL NOTES:**

1. SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
2. SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

**KEYED NOTES:**

1. CONSTRUCT STORMWATER BUMPOUT, SEE DETAIL, DWG 1-4.
2. REMOVE AND REPLACE SIDEWALK WITH 5' WIDE SIDEWALK.
3. CONSTRUCT DRIVEPAD (ADA ACCESSIBLE) PER COA STD. DWG 2441.
4. CONSTRUCT ADA RAMP AT CORNER.
5. CONSTRUCT CHECK DAM.

CONSULTANTS



BENCH MARKS

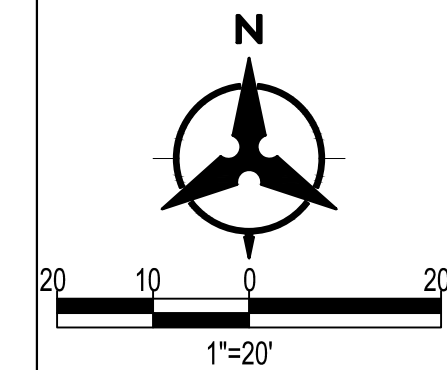
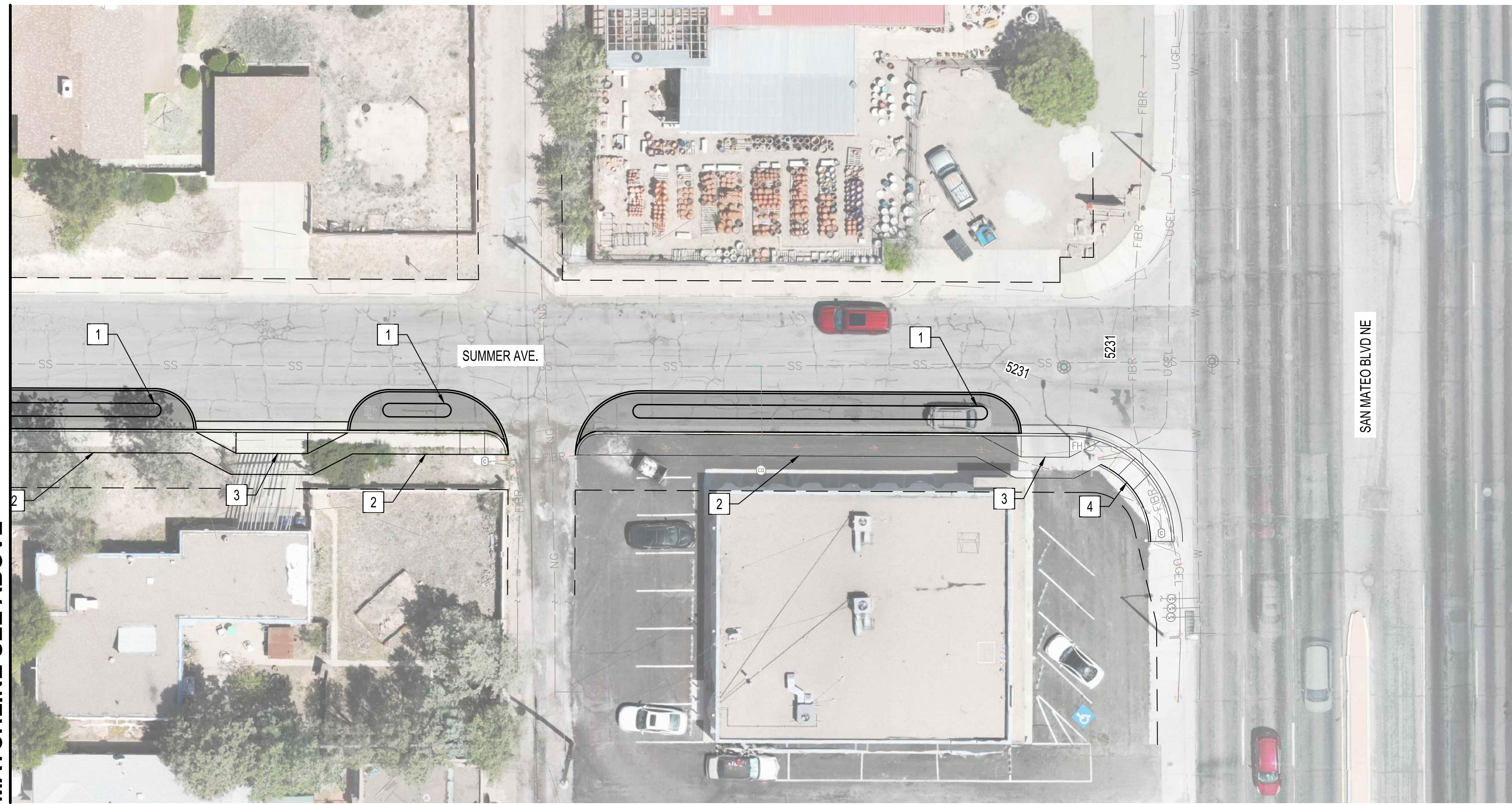
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December 5, 2023

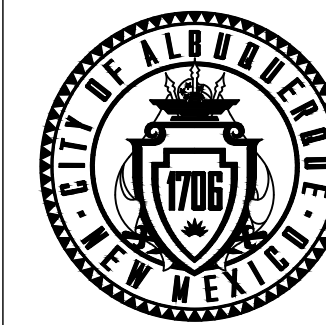
SEAL

NO.	DATE	DESCRIPTION	BY
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		INSPECTOR'S ACCEPTANCE BY:	
		FIELD VERIFICATION BY:	
		DRAWINGS CORRECTED BY:	

MATCHLINE SEE ABOVE



CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SUMMER AVE.  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 3-4 9 OF 35

BHI JOB NO. 20230388





MATCHLINE SEE BELOW

**GENERAL NOTES:**

- SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
- SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

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- CONSTRUCT ADA RAMP AT CORNER.
- CONSTRUCT CHECK DAM.

CONSULTANTS



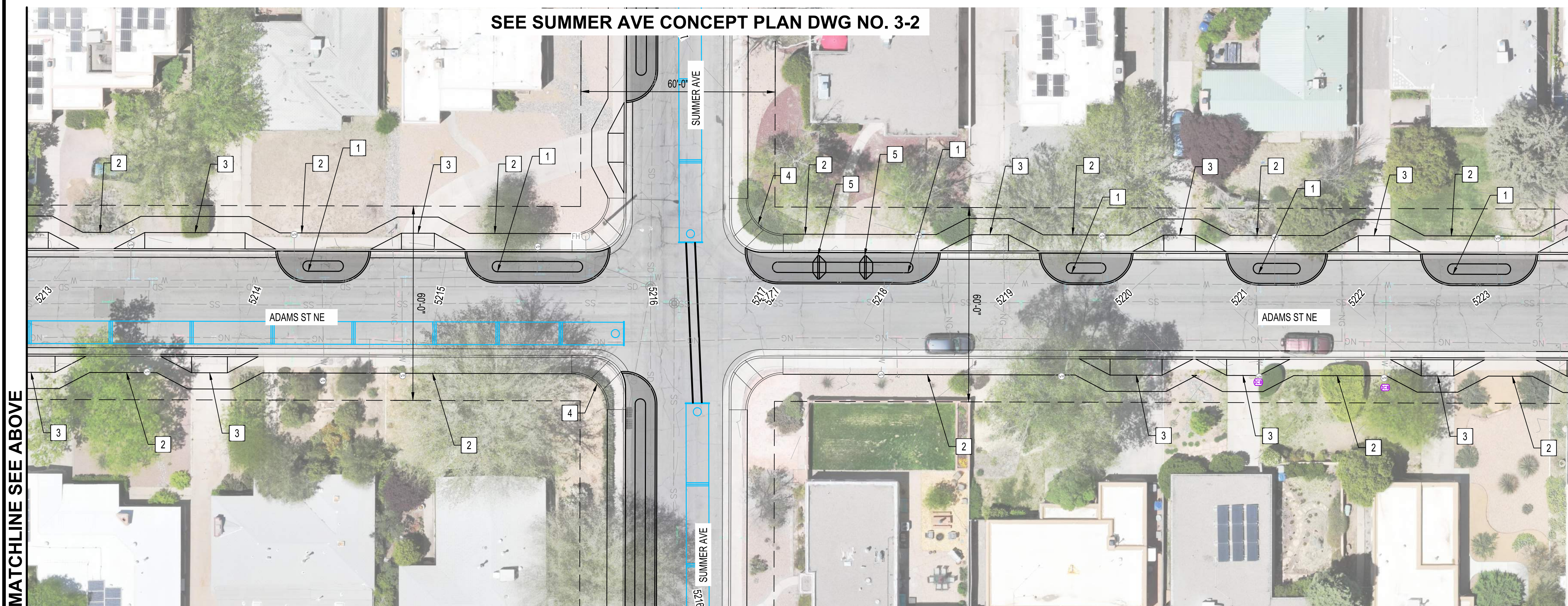
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**30% FOR REVIEW ONLY**

December 5, 2023

SEAL

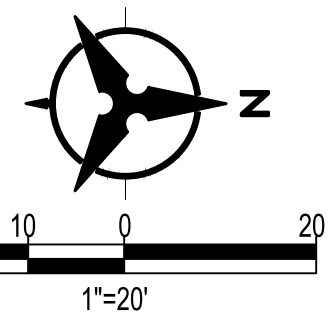
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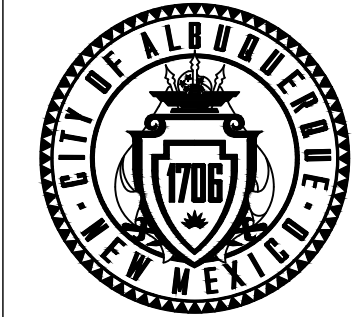
SEE SUMMER AVE CONCEPT PLAN DWG NO. 3-2

MATCHLINE SEE ABOVE

MATCHLINE SEE ADAMS ST CONCEPT PLAN DWG NO. 3-6



CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

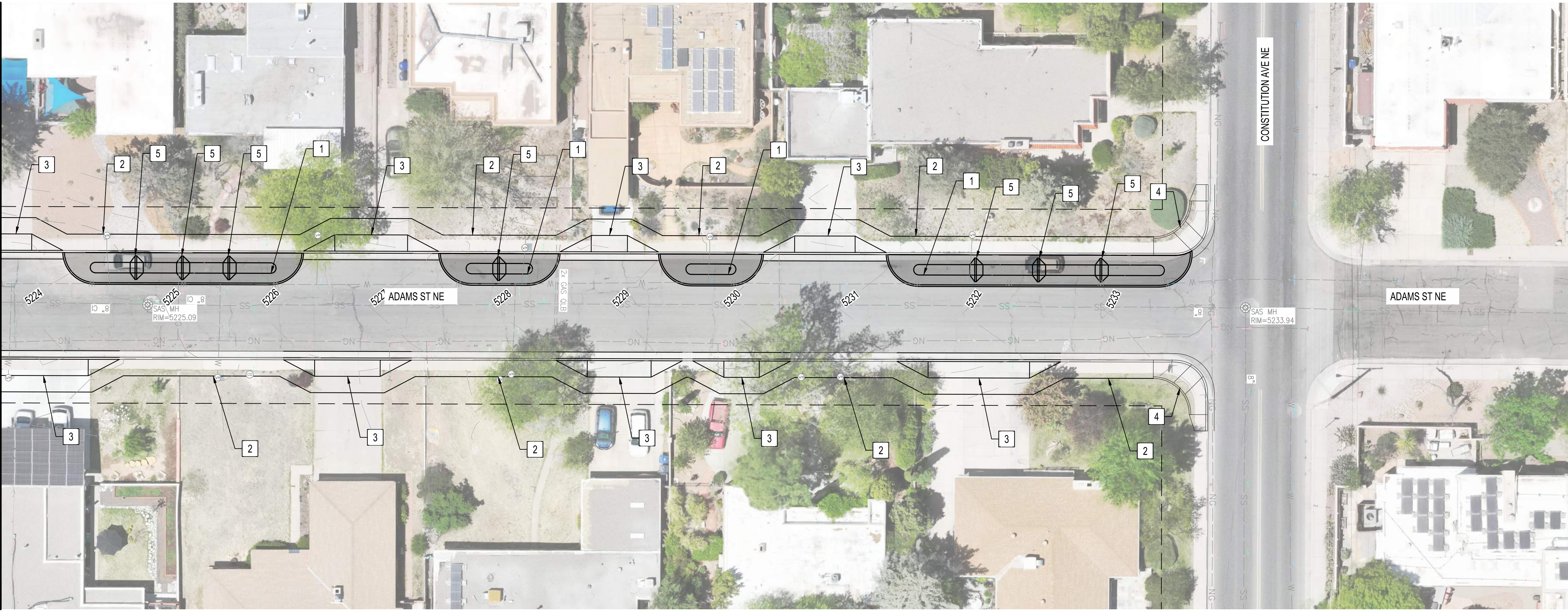
**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
ADAMS ST.  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 3-5 10 OF 35

BHI JOB NO. 20230388



MMATCHLINE SEE ADAMS ST CONCEPT PLAN DWG NO. 3-5



**GENERAL NOTES:**

1. SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
2. SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

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4. CONSTRUCT ADA RAMP AT CORNER.
5. CONSTRUCT CHECK DAM.



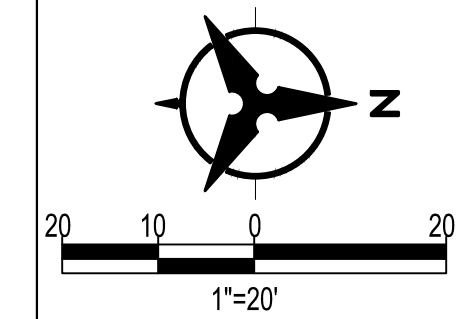
CONSULTANTS

BENCH MARKS

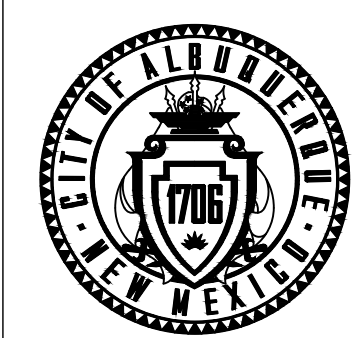
30% FOR REVIEW ONLY

December 5, 2023

NO.	DATE	DESCRIPTION	BY
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CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

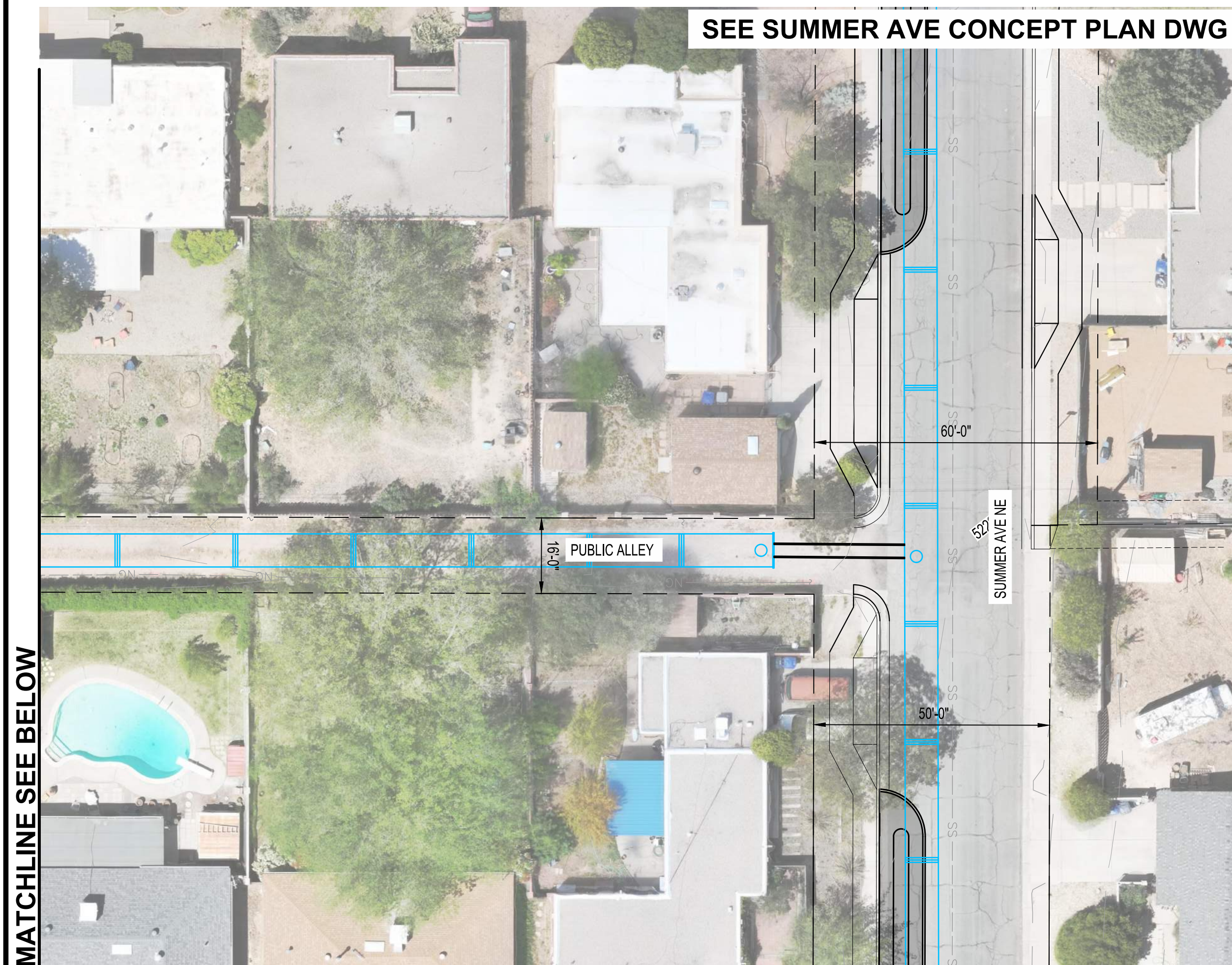


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

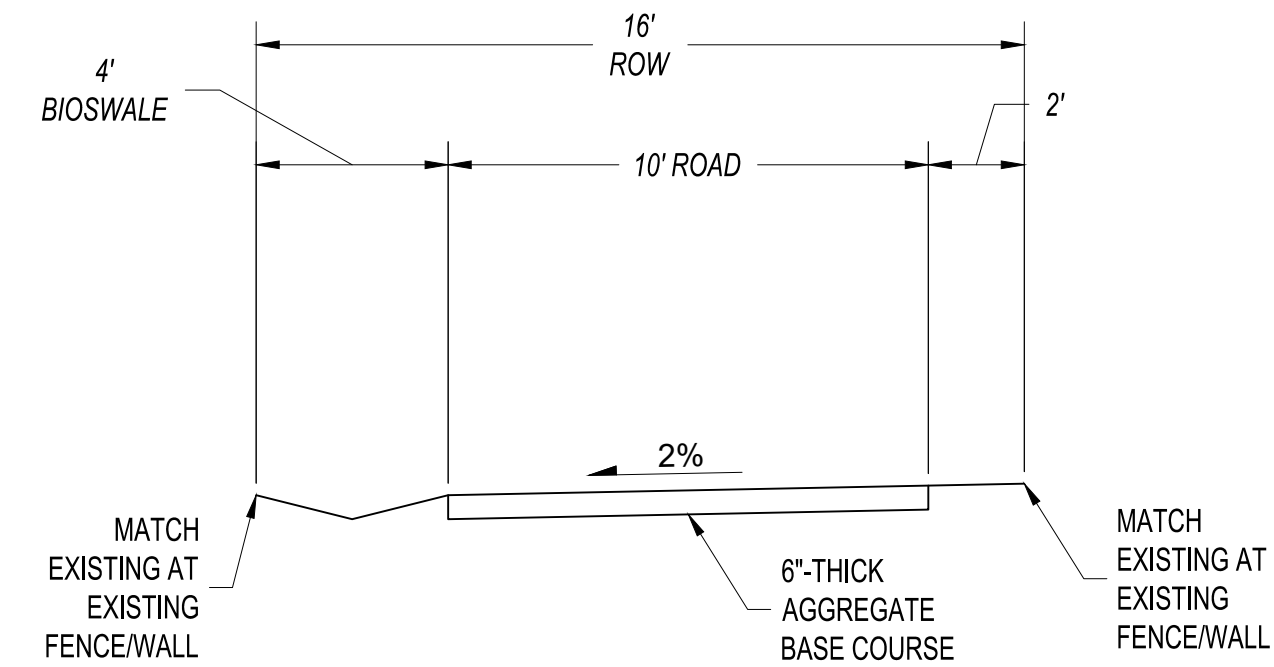
**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
ADAMS ST.  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 3-6 11 OF 35





SEE SUMMER AVE CONCEPT PLAN DWG NO. 3-4



**01 ALLEY - TYPICAL SECTION**  
SCALE: NOT TO SCALE

**GENERAL NOTES:**

- SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
- SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

**KEYED NOTES:**

- CONSTRUCT STORMWATER BUMPOUT, SEE DETAIL, DWG 1-4.
- REMOVE AND REPLACE SIDEWALK WITH 5' WIDE SIDEWALK.
- CONSTRUCT DRIVEPAD (ADA ACCESSIBLE) PER COA STD. DWG 2441.
- CONSTRUCT ADA RAMP AT CORNER.
- CONSTRUCT CHECK DAM.



CONSULTANTS

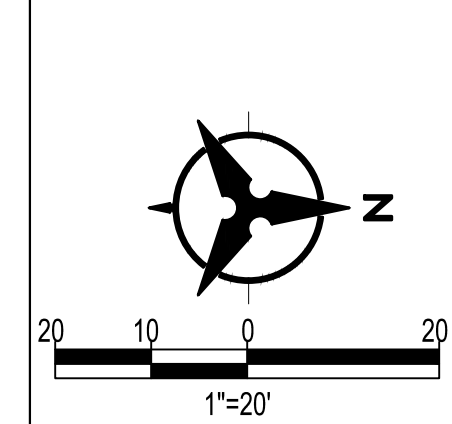
BENCH MARKS

SEAL

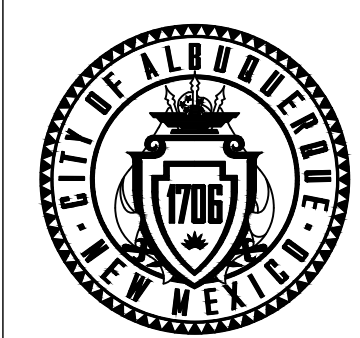
**30% FOR REVIEW ONLY**

December 5, 2023

NO.	DATE	DESCRIPTION	BY
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CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

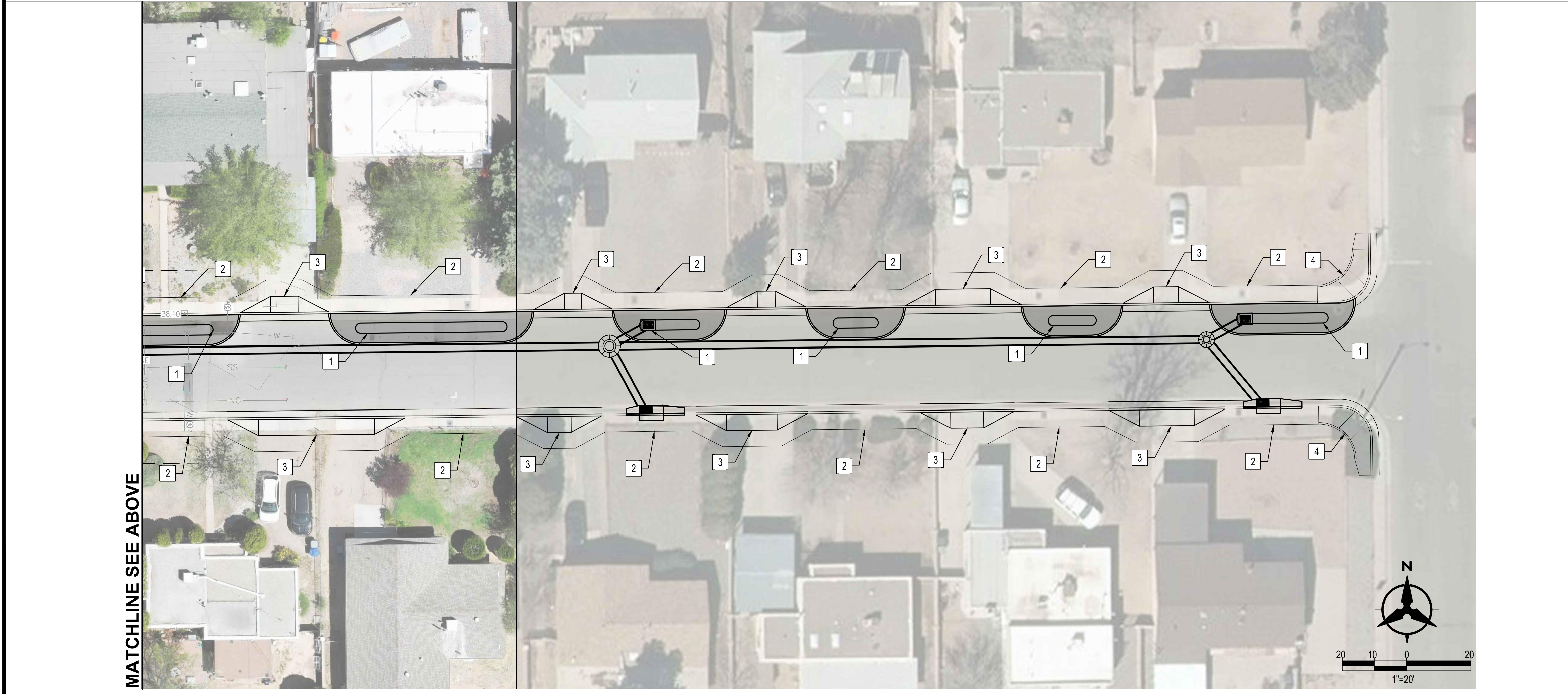
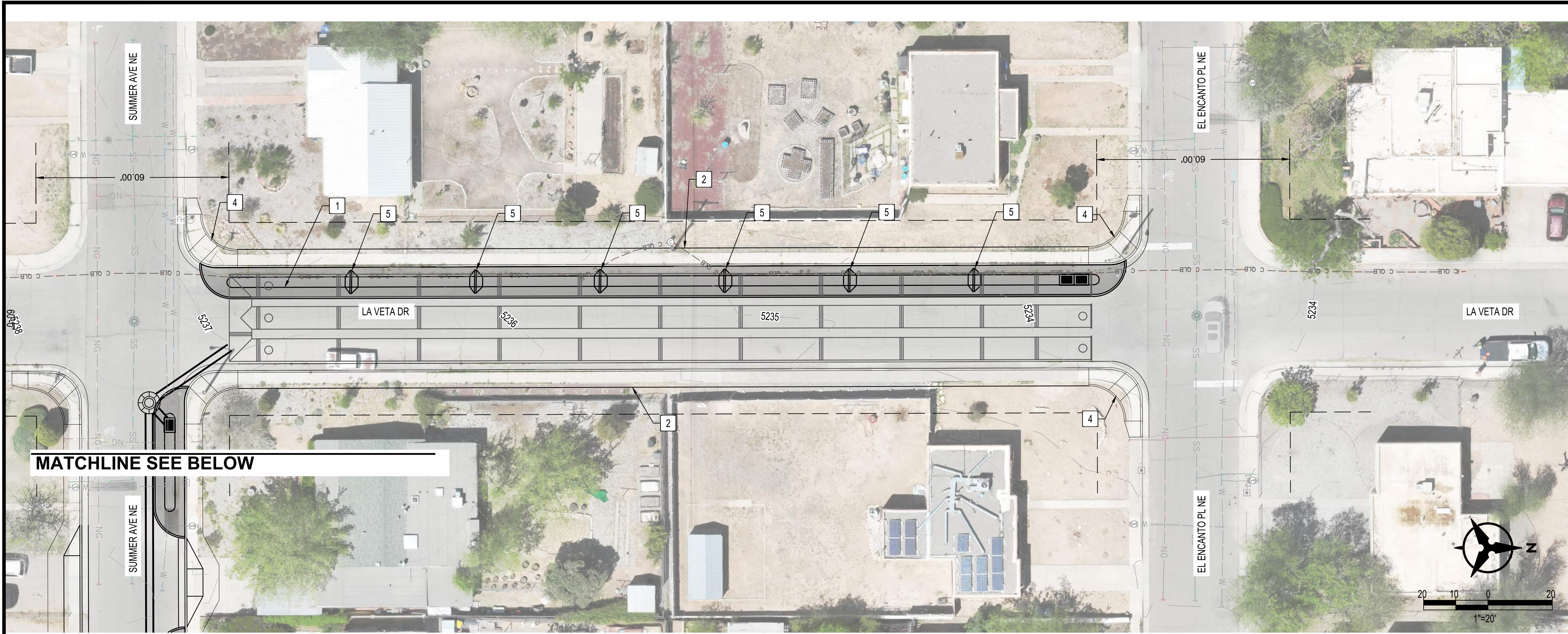


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
ALLEY  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 3-7	SHEET NO. 12	OF 35





**GENERAL NOTES:**

1. SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORMWATER BUMPOUTS.
2. SEE UNDERGROUND STORAGE SYSTEM PLANS (6-SERIES SHEETS) FOR STORM DRAIN IMPROVEMENTS.

**KEYED NOTES:**

- 1 CONSTRUCT STORMWATER BUMPOUT, SEE DETAIL, DWG 1-4.
- 2 REMOVE AND REPLACE SIDEWALK WITH 5' WIDE SIDEWALK.
- 3 CONSTRUCT DRIVEPAD (ADA ACCESSIBLE) PER COA STD. DWG 2441.
- 4 CONSTRUCT ADA RAMP AT CORNER.
- 5 CONSTRUCT CHECK DAM.

CONSULTANTS

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

BENCH MARKS

**### FOR  
REVIEW  
ONLY**

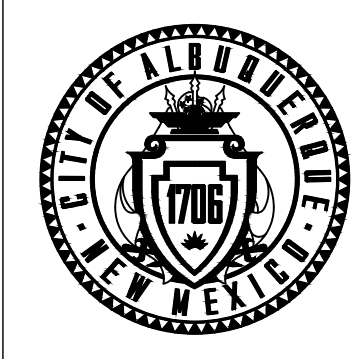
December 5, 2023

NO.	DATE	DESCRIPTION	BY
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		DRAWINGS CORRECTED BY:	



CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION

DESIGNED BY: RGS  
DRAWN BY: NEC  
CHECKED BY: VCS  
DATE: 08/2023



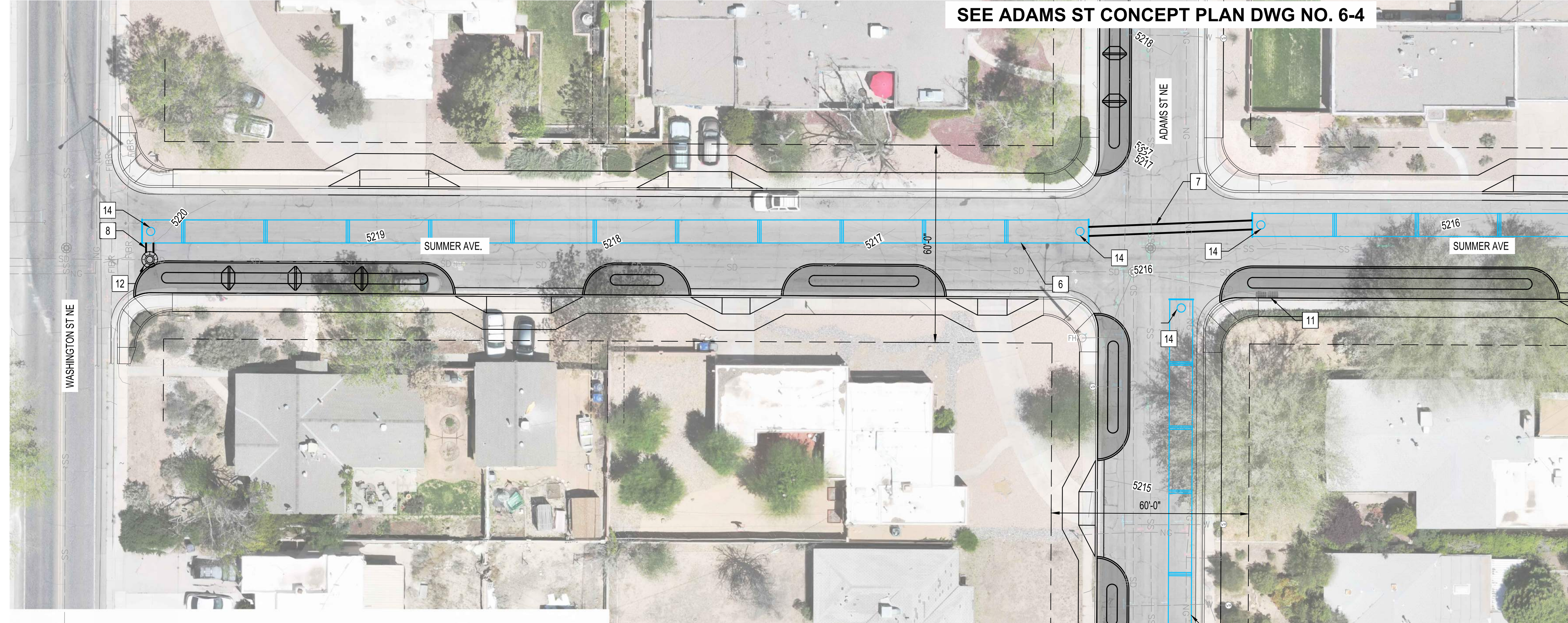
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
LA VETA DR  
GSI CONCEPT PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18	CITY PROJECT NO. 631594
		DWG NO. 3-8	SHEET NO. 13 OF 35



SEE ADAMS ST CONCEPT PLAN DWG NO. 6-4




MATCHLINE SEE BELOW

**GENERAL NOTES:**

- SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORM WATER BUMP OUTS.
- SEE GSI CONCEPT PLANS (3-SERIES SHEETS) FOR GSI IMPROVEMENTS.

**KEYED NOTES:**

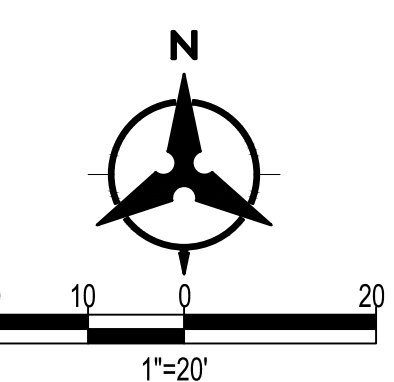
- 6 INSTALL UNDERGROUND STORAGE SYSTEM (84" CMP WITH EXFILTRATION JOINTS)
- 7 INSTALL 30" STORM DRAIN PIPE
- 8 INSTALL 24" STORM DRAIN PIPE
- 9 INSTALL STORM DRAIN GRATE INLET TYPE D PER COA STD DWG 2206.
- 10 INSTALL STORM DRAIN CURB DROP INLET TYPE A PER COA STD DWG 2201.
- 11 EXISTING STORM DRAIN INLET TO REMAIN
- 12 INSTALL TYPE E MANHOLE PER COA STD DWG 2209. DIAMETER AS NOTED.
- 13 INSTALL PRE-TREATMENT (WATER QUALITY) MANHOLE.
- 14 INSTALL 48" CMP ACCESS RISER WITH MANHOLE LID AND FRAME IN CONCRETE COLLAR.

  
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 800.877.5332

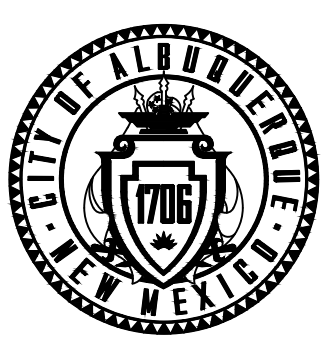
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November 22, 2023

NO.	DATE	DESCRIPTION	BY
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CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

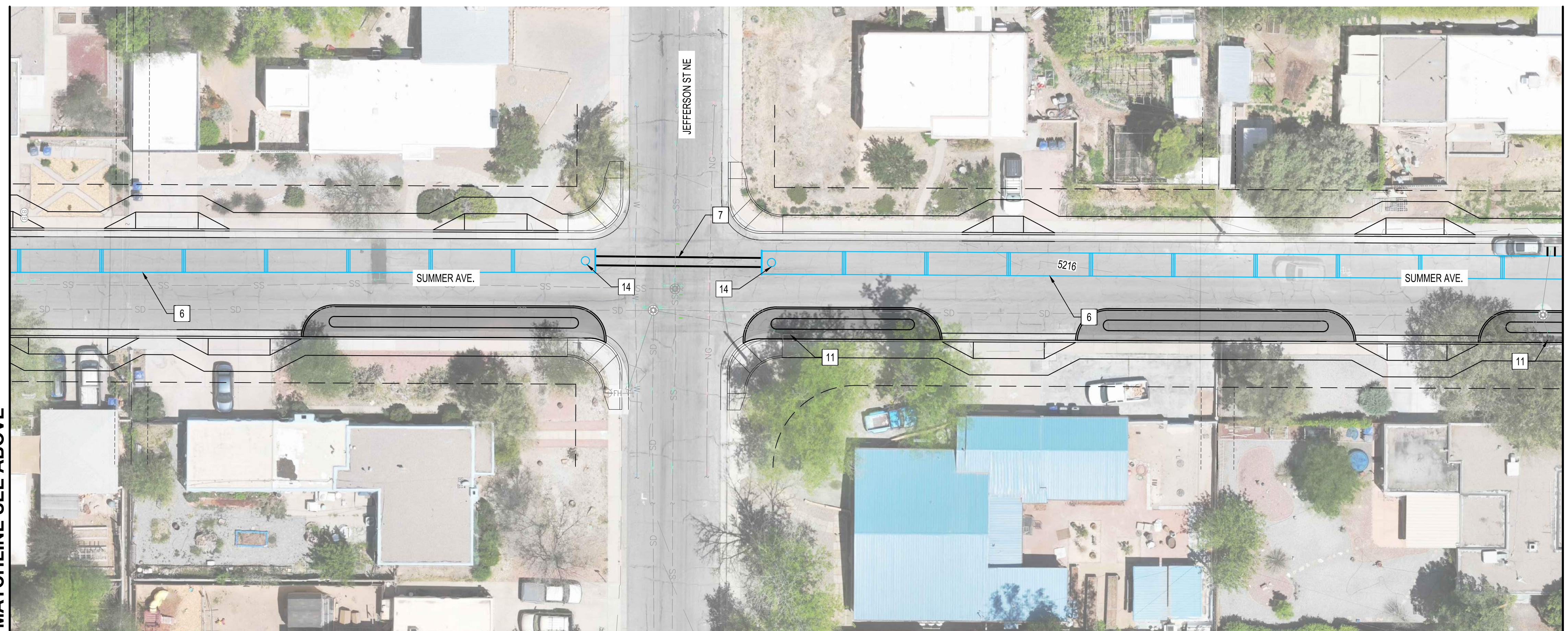


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SUMMER AVE.  
UNDERGROUND STORAGE SYSTEM PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 6-1 14 OF 35

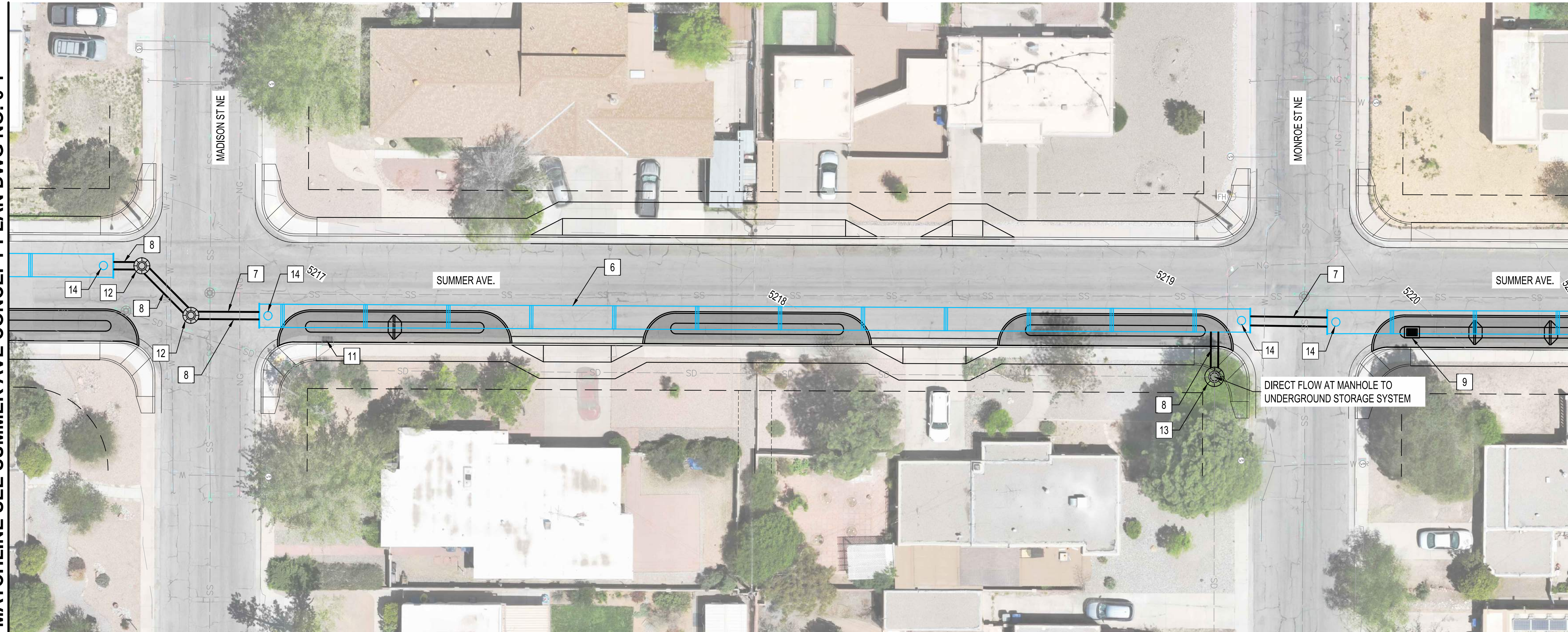
MATCHLINE SEE ABOVE



MATCHLINE SEE SUMMER AVE CONCEPT PLAN DWG NO. 6-2

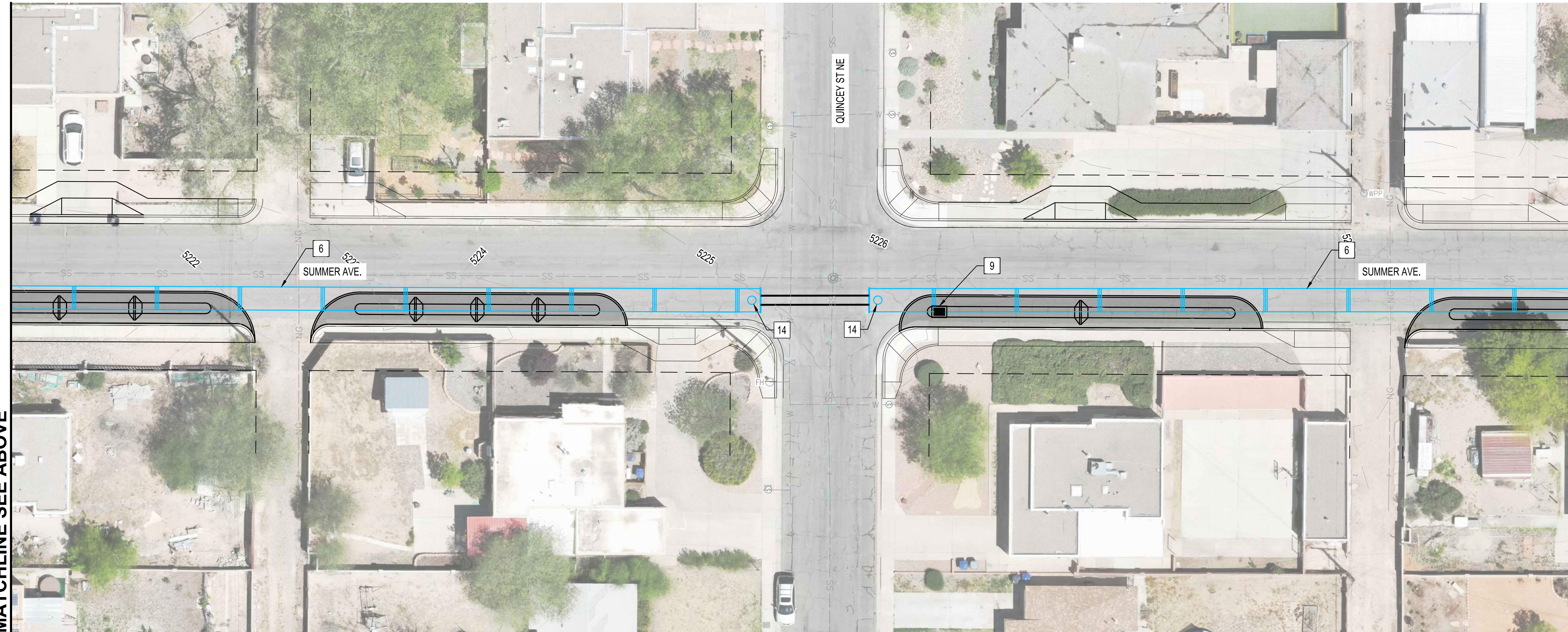


MATCHLINE SEE SUMMER AVE CONCEPT PLAN DWG NO. 6-1



MATCHLINE SEE BELOW

MATCHLINE SEE ABOVE



MATCHLINE SEE SUMMER AVE CONCEPT PLAN DWG NO. 6-3

**GENERAL NOTES:**

- SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORM WATER BUMP OUTS.
- SEE GSI CONCEPT PLANS (3-SERIES SHEETS) FOR GSI IMPROVEMENTS.

**KEYED NOTES:**

- 6 INSTALL UNDERGROUND STORAGE SYSTEM (84" CMP WITH EXFILTRATION JOINTS)
- 7 INSTALL 30" STORM DRAIN PIPE
- 8 INSTALL 24" STORM DRAIN PIPE
- 9 INSTALL STORM DRAIN GRATE INLET TYPE D PER COA STD DWG 2206.
- 10 INSTALL STORM DRAIN CURB DROP INLET TYPE A PER COA STD DWG 2201.
- 11 EXISTING STORM DRAIN INLET TO REMAIN
- 12 INSTALL TYPE E MANHOLE PER COA STD DWG 2209. DIAMETER AS NOTED.
- 13 INSTALL PRE-TREATMENT (WATER QUALITY) MANHOLE.
- 14 INSTALL 48" CMP ACCESS RISER WITH MANHOLE LID AND FRAME IN CONCRETE COLLAR.



CONSULTANTS

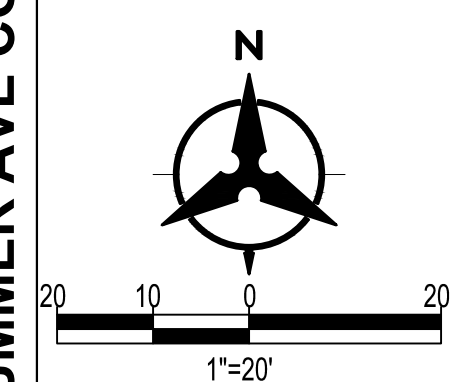
BENCH MARKS

SEAL

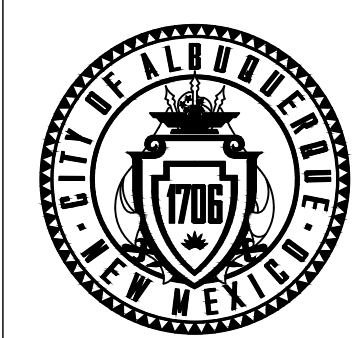
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November 22, 2023

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		DRAWINGS CORRECTED BY:	



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SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION



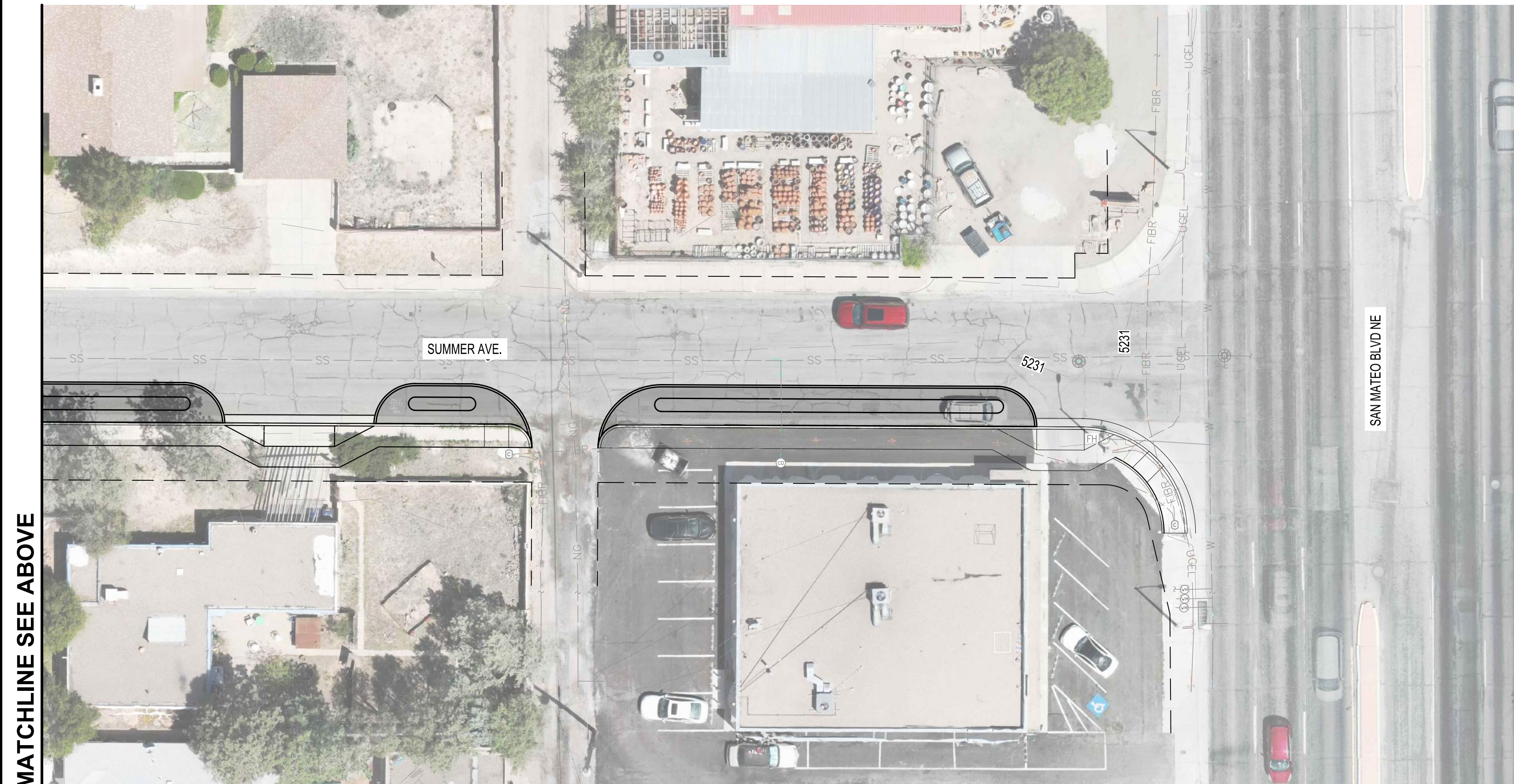
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SUMMER AVE.  
UNDERGROUND STORAGE SYSTEM PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 6-2 15 OF 35



MATCHLINE SEE ADAMS ST CONCEPT PLAN SEE DWG NO. 6-2



MATCHLINE SEE ABOVE

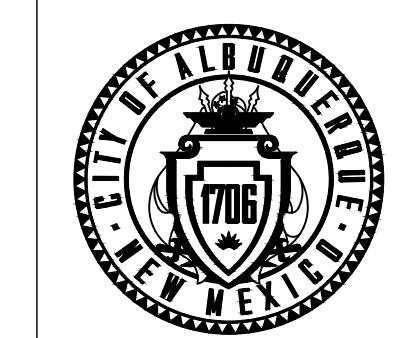
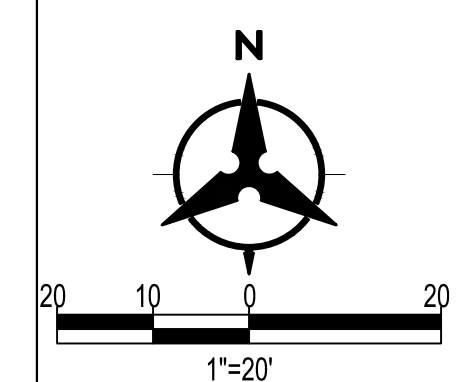
MATCHLINE SEE BELOW

**GENERAL NOTES:**

- SEE LANDSCAPE PLANS (8-SERIES SHEETS) FOR PLANTINGS ON STORM WATER BUMP OUTS.
- SEE GSI CONCEPT PLANS (3-SERIES SHEETS) FOR GSI IMPROVEMENTS.

**KEYED NOTES:**

- 6 INSTALL UNDERGROUND STORAGE SYSTEM (84" CMP WITH EXFILTRATION JOINTS)
- 7 INSTALL 30" STORM DRAIN PIPE
- 8 INSTALL 24" STORM DRAIN PIPE
- 9 INSTALL STORM DRAIN GRATE INLET TYPE D PER COA STD DWG 2206.
- 10 INSTALL STORM DRAIN CURB DROP INLET TYPE A PER COA STD DWG 2201.
- 11 EXISTING STORM DRAIN INLET TO REMAIN
- 12 INSTALL TYPE E MANHOLE PER COA STD DWG 2209. DIAMETER AS NOTED.
- 13 INSTALL PRE-TREATMENT (WATER QUALITY) MANHOLE.
- 14 INSTALL 48" CMP ACCESS RISER WITH MANHOLE LID AND FRAME IN CONCRETE COLLAR.



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
SUMMER AVE.  
UNDERGROUND STORAGE SYSTEM PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 6-3	SHEET NO. 16	OF 35

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BENCH MARKS

SEAL



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November 22, 2023

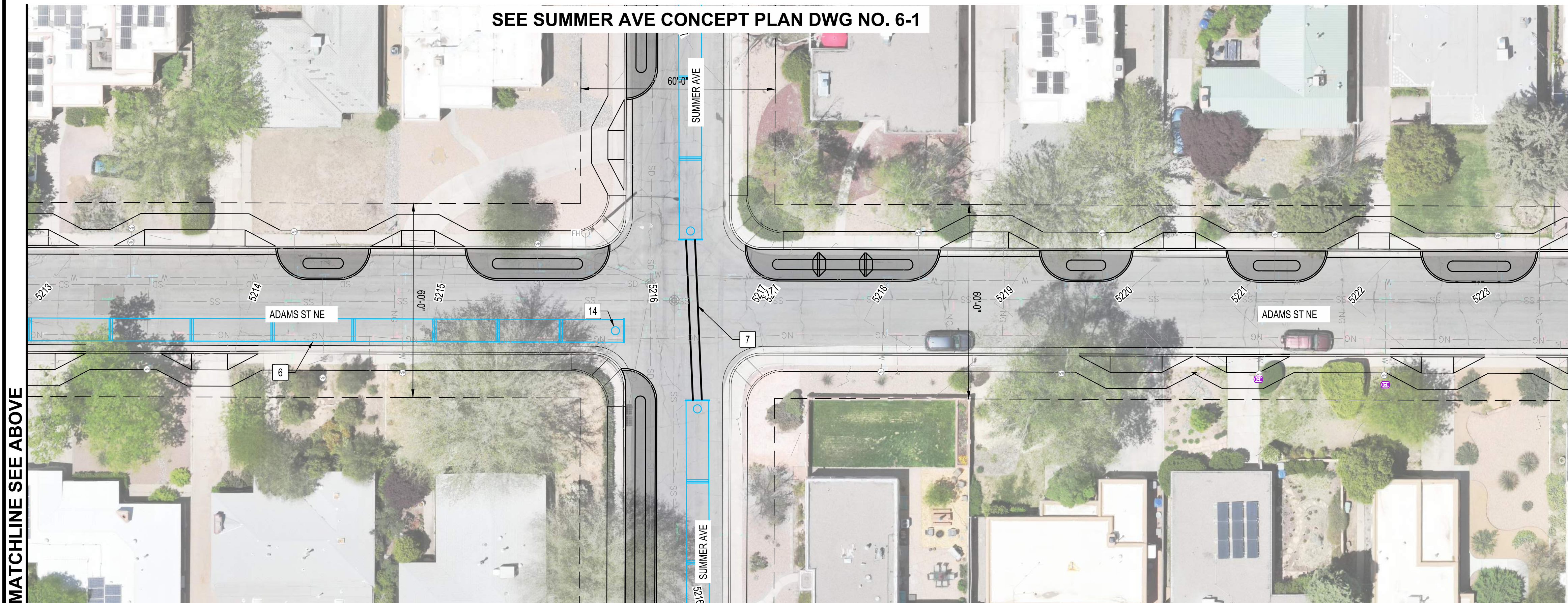
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DESIGNED BY: RGS  
DRAWN BY: NEC  
CHECKED BY: VCS  
DATE: 08/2023





MATCHLINE SEE BELOW



MATCHLINE SEE ABOVE

**GENERAL NOTES:**

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www.bhinc.com  
800.877.5332

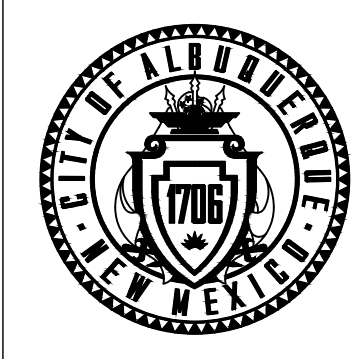
BENCH MARKS

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November 22, 2023

NO.	DATE	DESCRIPTION	BY
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		DATE:	
		FIELD VERIFICATION BY:	
		DATE:	
		DRAWINGS CORRECTED BY:	
		DATE:	

CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

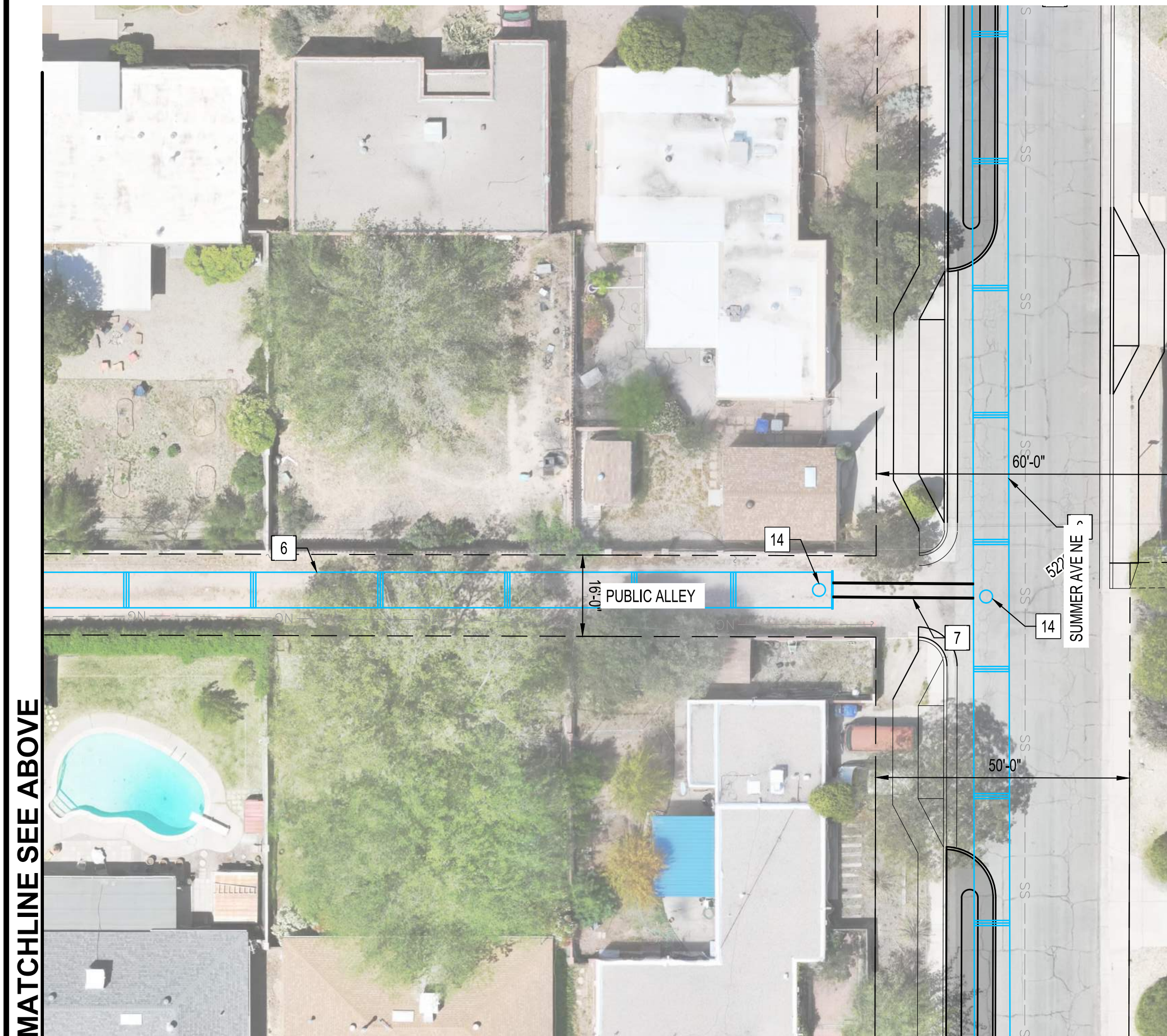
**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
ADAMS ST.  
UNDERGROUND STORAGE SYSTEM PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18	
		CITY PROJECT NO. 631594	
		DWG NO. SHEET NO. 6-4 17 OF 35	





MATCHLINE SEE BELOW



MATCHLINE SEE ABOVE

**GENERAL NOTES:**

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CONSULTANTS



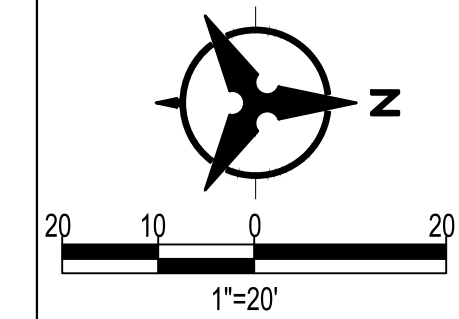
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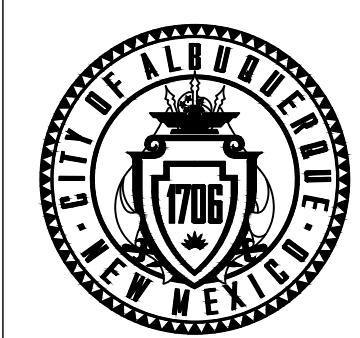
November 22, 2023

SEAL

NO.	DATE	DESCRIPTION	BY
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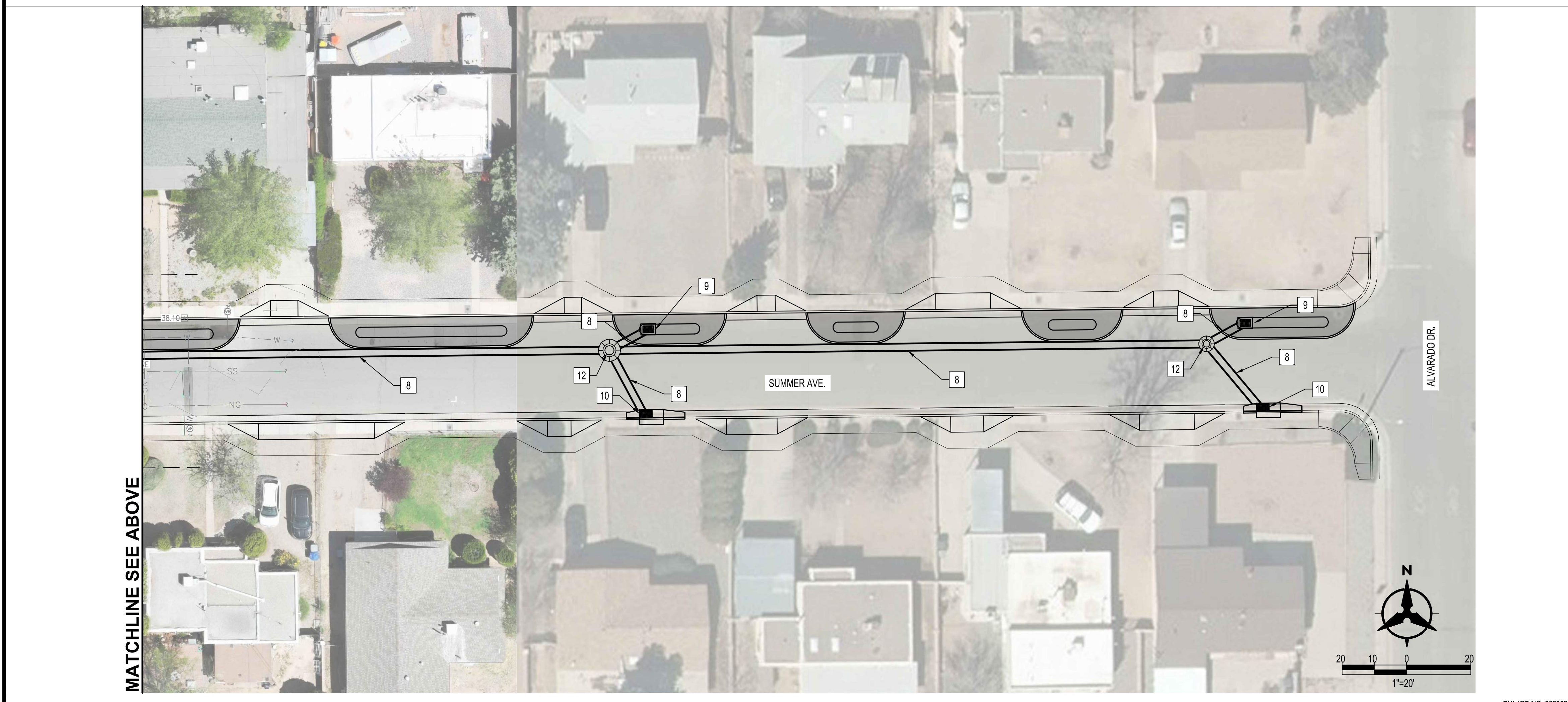
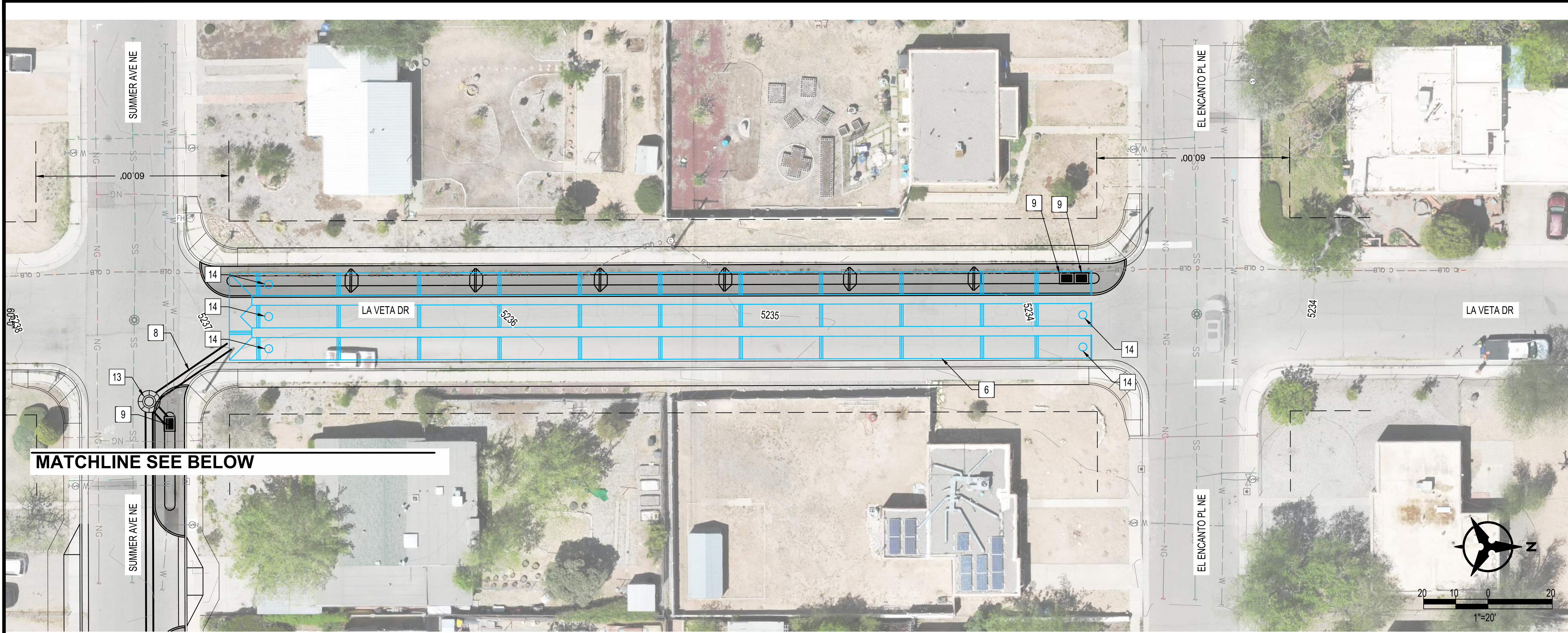


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
ALLEY  
UNDERGROUND STORAGE SYSTEM PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 6-5 18 OF 35





**GENERAL NOTES:**

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14. INSTALL 48" CMP ACCESS RISER WITH MANHOLE LID AND FRAME IN CONCRETE COLLAR.

CONSULTANTS



BENCH MARKS

SEAL

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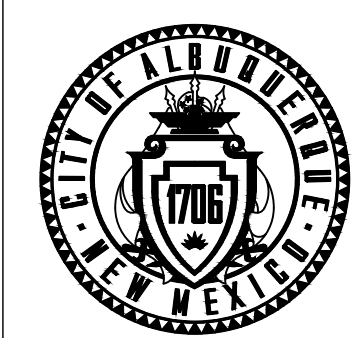
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DESIGNED BY: RGS  
 DRAWN BY: NEC  
 CHECKED BY: VCS  
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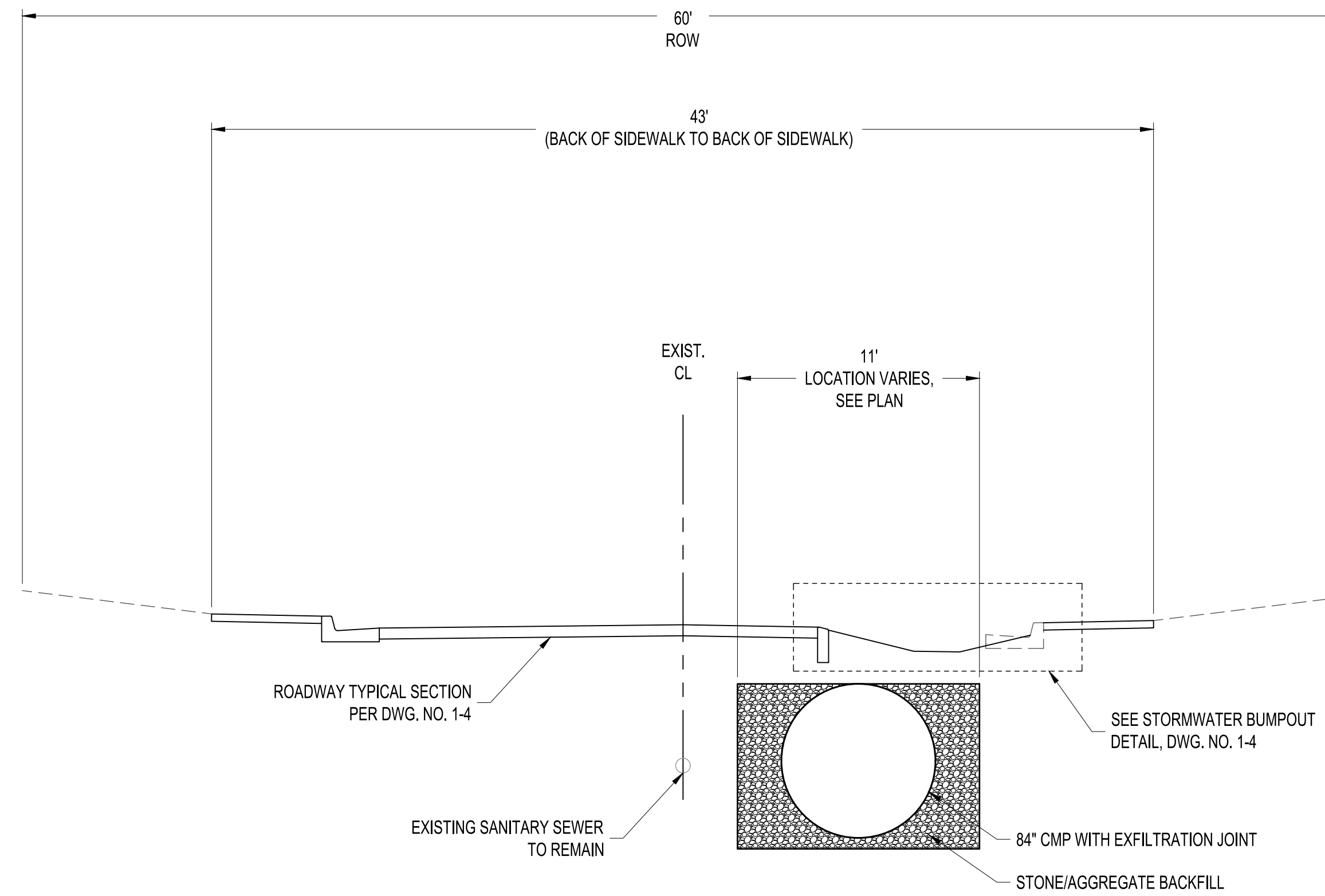


CITY OF ALBUQUERQUE  
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 ENGINEERING DIVISION

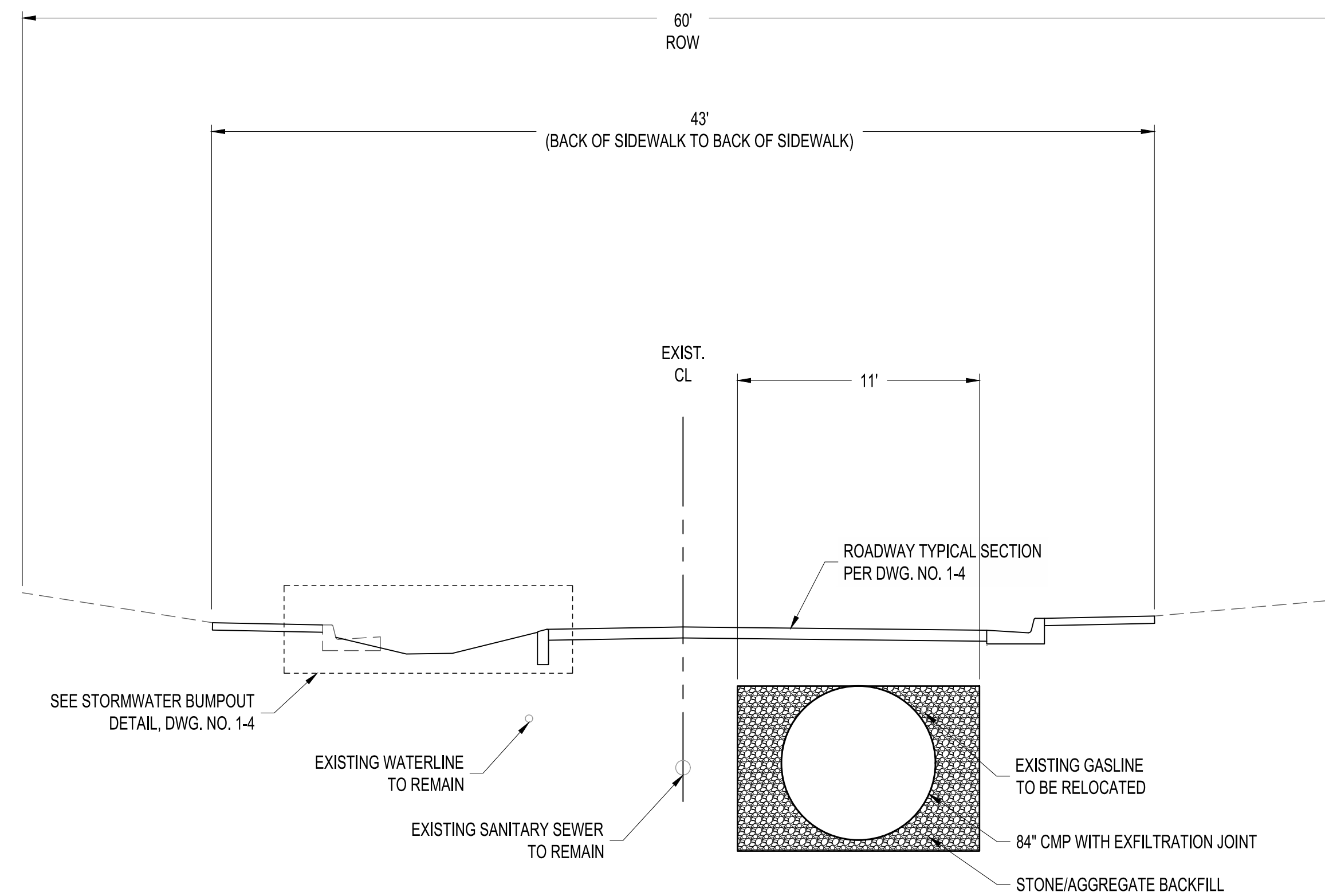
**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
 LA VETA  
 UNDERGROUND STORAGE SYSTEM PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 6-6 19 OF 35





**SUMMER AVE. UNDERGROUND STORAGE SYSTEM - TYPICAL SECTION**



**ADAMS AVE. UNDERGROUND STORAGE SYSTEM - TYPICAL SECTION**

CONSULTANTS

BENCH MARKS

??% FOR  
REVIEW  
ONLY

November 22, 2023

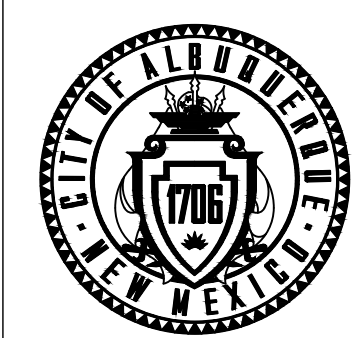
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DESIGNED BY: RGS	DRAWN BY: NEC
CHECKED BY: VCS	DATE: 08//2023

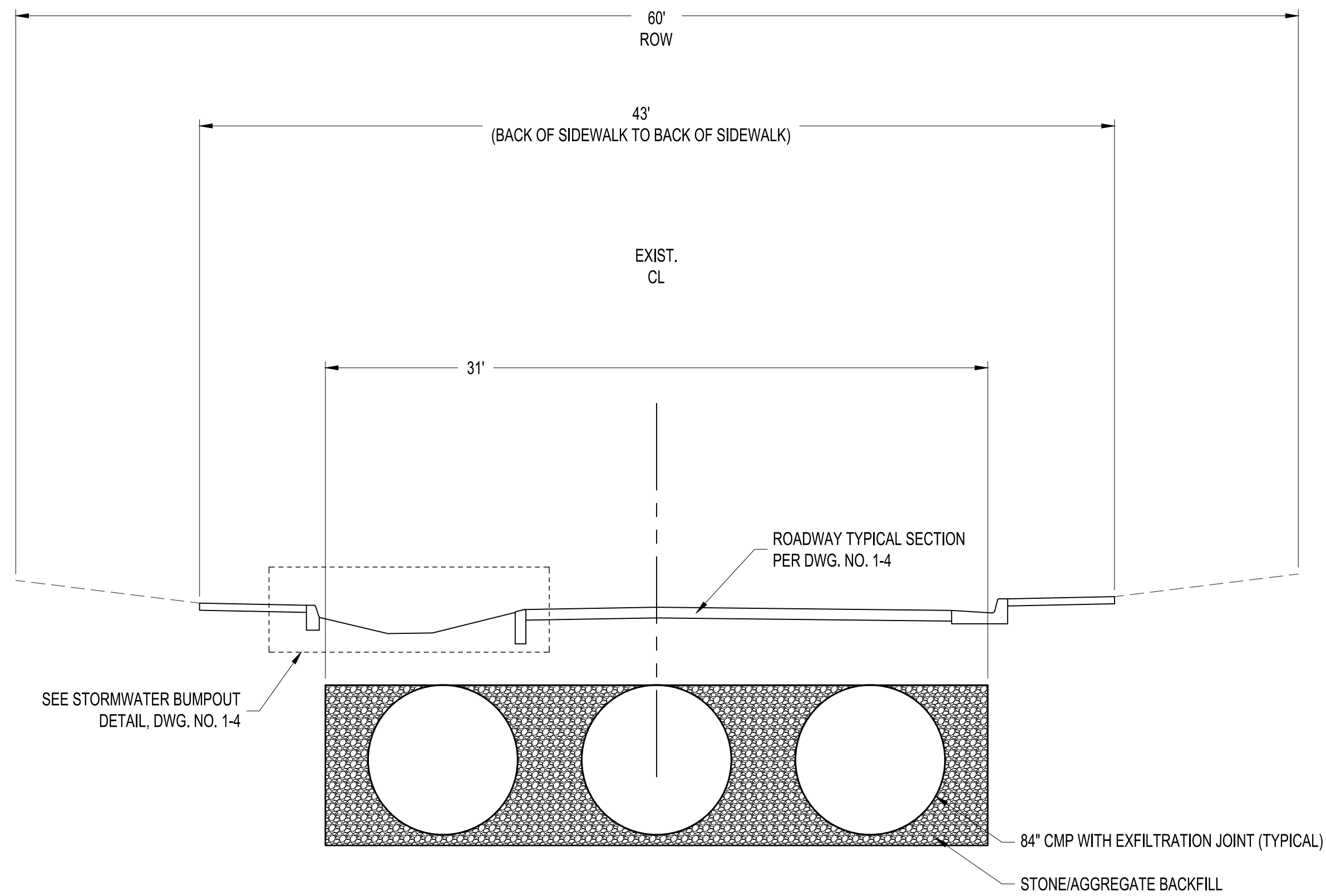


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
UNDERGROUND STORAGE  
SYSTEM DETAILS 1**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. 6-7 SHEET NO. 20 OF 35





**LA VETA DR. UNDERGROUND STORAGE SYSTEM - TYPICAL SECTION**

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BENCH MARKS

**30% FOR REVIEW ONLY**  
November 22, 2023

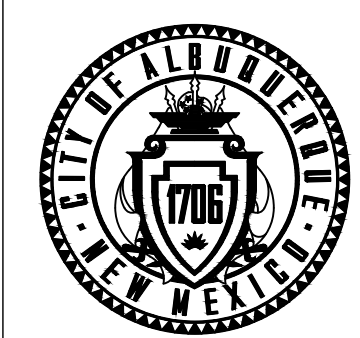
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CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION

DESIGNED BY: RGS  
DRAWN BY: NEC  
CHECKED BY: VCS  
DATE: 08//2023

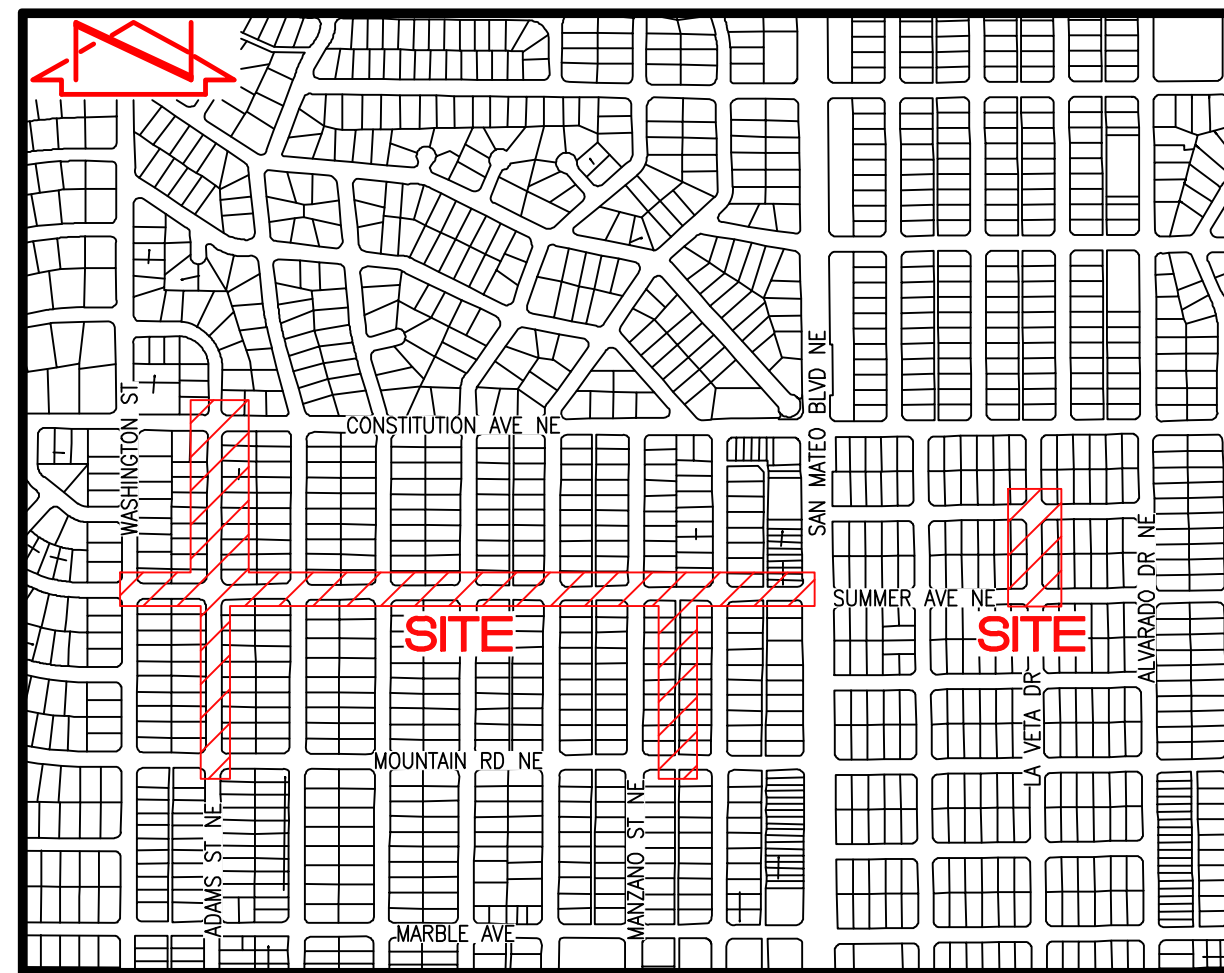


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT  
UNDERGROUND STORAGE  
SYSTEM DETAILS 2**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 6-8 21 OF 35





**VICINITY MAP** J-17 & J-18  
N.T.S.

**APWA UTILITY COLOR CODE UTILITY LINE TYPES**  
SUE QUALITY LEVEL B (QLB)-SOURCE: DESIGNATION/PAINT MARK

RED - ELECTRIC POWER LINES, CABLES, CONDUIT AND LIGHTING CABLES	- E QLB - - - - - E QLB - - - - - E QLB - - - - -
YELLOW - GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS	- G QLB - - - - - G QLB - - - - - G QLB - - - - -
ORANGE - COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT	- C QLB - - - - - C QLB - - - - - C QLB - - - - -
ORANGE - COMMUNICATION, FIBER OPTIC LINES	- FO QLB - - - - - FO QLB - - - - - FO QLB - - - - -
BLUE - POTABLE WATER	- W QLB - - - - - W QLB - - - - - W QLB - - - - -
GREEN - SANITARY SEWER AND DRAIN LINES	- SAS QLB - - - - - SAS QLB - - - - - SAS QLB - - - - -
GREEN - STORM SEWER AND DRAIN LINES	- SD QLB - - - - - SD QLB - - - - - SD QLB - - - - -
OVERHEAD ELECTRIC	- OHE - - - - - OHE - - - - - OHE - - - - - OHE - - - - -

**GENERAL NOTES**

1. A UTILITY SURVEY WAS PERFORMED IN MAY, 2023. THIS IS NOT A BOUNDARY SURVEY OR A RIGHT-OF-WAY SURVEY.
2. SITE LOCATED WITHIN PROJECTED SECTION 13 AND 14, TOWNSHIP 10 NORTH, RANGE 3 EAST, N.M.P.M.
3. ORTHOPHOTOGRAPHY WAS CAPTURED BY HMCG UNMANNED AERIAL VEHICLE (UAV) ON MAY 4, 2023.
4. ALL DISTANCES ARE GROUND DISTANCES.
5. THIS SURVEY HAS BEEN PREPARED BASED UPON NAVD 88 DATUM. PREVIOUS SURVEYS OF THIS AREA CONDUCTED BY OTHER CONSULTANTS MAY HAVE BEEN CONDUCTED BASED UPON NGVD 29 DATUM. SPECIAL CARE SHOULD BE EXERCISED WHEN COMPARING ELEVATIONS FROM THIS SURVEY TO CURRENT AND PREVIOUS SURVEYS, PLANS AND AS-BUILT DOCUMENTS.

**INDEX OF DRAWINGS**

1. COVER SHEET, NOTES, VICINITY MAP, KEYED NOTES, SHEET LAYOUT
2. UTILITY SURVEY
3. UTILITY SURVEY
4. UTILITY SURVEY
5. UTILITY SURVEY

**LEGEND**

INV	INVERT ELEVATION
TG	TOP OF GRATE
●	COMM CONDUIT
○	COMM MH
○	COMM PULLBOX
○	COMM RISER
○	GAS VALVE BOX
○	IRR CONTROL BOX
○	METAL LIGHT POLE
○	WOODEN LIGHT POLE
○	WOODEN POWER POLE
○	SAS CURB SCRATCH
○	SAS VALVE BOX
○	SAS SINGLE CO
○	SAS MANHOLE
○	SD MANHOLE
○	WATER METER BOX
○	WATER VALVE BOX
○	FIRE HYDRANT
○	CONTROL POINT

**CONTROL SURVEY NOTE**

A CONTROL SURVEY WAS CONDUCTED AT THE SITE BY BOHANNAN HUSTON INC IN MARCH 2023 (SURVEY CONTROL REPORT BHI PROJECT NO. 20230388.001.01 SRVABQ DATED APRIL 12, 2023) AND VERIFIED BY HMCG ON MAY, 3, 2023. CONTROL WAS PROJECTED ONTO THE SUBJECT SITE UTILIZING RTK GPS OBSERVATIONS COMBINED WITH GEOD MODEL 18 TO ESTABLISH HORIZONTAL AND VERTICAL POSITIONS BASED UPON NAD 83/NAVD 88 DATUM.

ALL HORIZONTAL COORDINATES ARE MODIFIED NAD 83 GRID VALUES AND HAVE BEEN ADJUSTED TO THE GROUND AT THE PROJECTION POINT 0,0 THE SCALE FACTOR USED IS 1/CF=1.00033371132610. THE ELEVATIONS ARE BASED UPON THE NAVD DATUM AND REQUIRE NO FURTHER ADJUSTMENT.

**PROJECT BENCHMARK - #1**

A BHI BRASS PLUG, STAMPED "23 388 01", SET IN CONCRETE IN THE NORTHERN CURB OF SUMMER AVE NE WEST OF SAN MATEO BLVD NE, AS SHOWN ON THIS SHEET AND SHEET 3B.

NORTHING = 1,489,784.19  
EASTING = 1,540,199.26  
ELEVATION = 5231.33 FEET (NAVD 1988)

**PROJECT BENCHMARK - #2**

A BHI BRASS PLUG, STAMPED "23 388 02", SET IN CONCRETE SIDEWALK IN THE SOUTH EAST CORNER OF THE EL ENCANTO PL NE AND LA VETA DR INTERSECTION, AS SHOWN ON THIS SHEET AND SHEET 5B.

NORTHING = 1,490,063.08  
EASTING = 1,541,221.57  
ELEVATION = 5234.57 FEET (NAVD 1988)

**PROJECT BENCHMARK - #3**

A BHI BRASS PLUG, STAMPED "23 388 03", SET IN CONCRETE SIDEWALK IN THE SOUTH EAST CORNER OF THE ADAMS ST NE AND CONSTITUTION AVE NE INTERSECTION, AS SHOWN ON THIS SHEET AND SHEET 4A.

NORTHING = 1,490,414.83  
EASTING = 1,538,019.82  
ELEVATION = 5234.04 FEET (NAVD 1988)

**SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVEL DESCRIPTIONS**

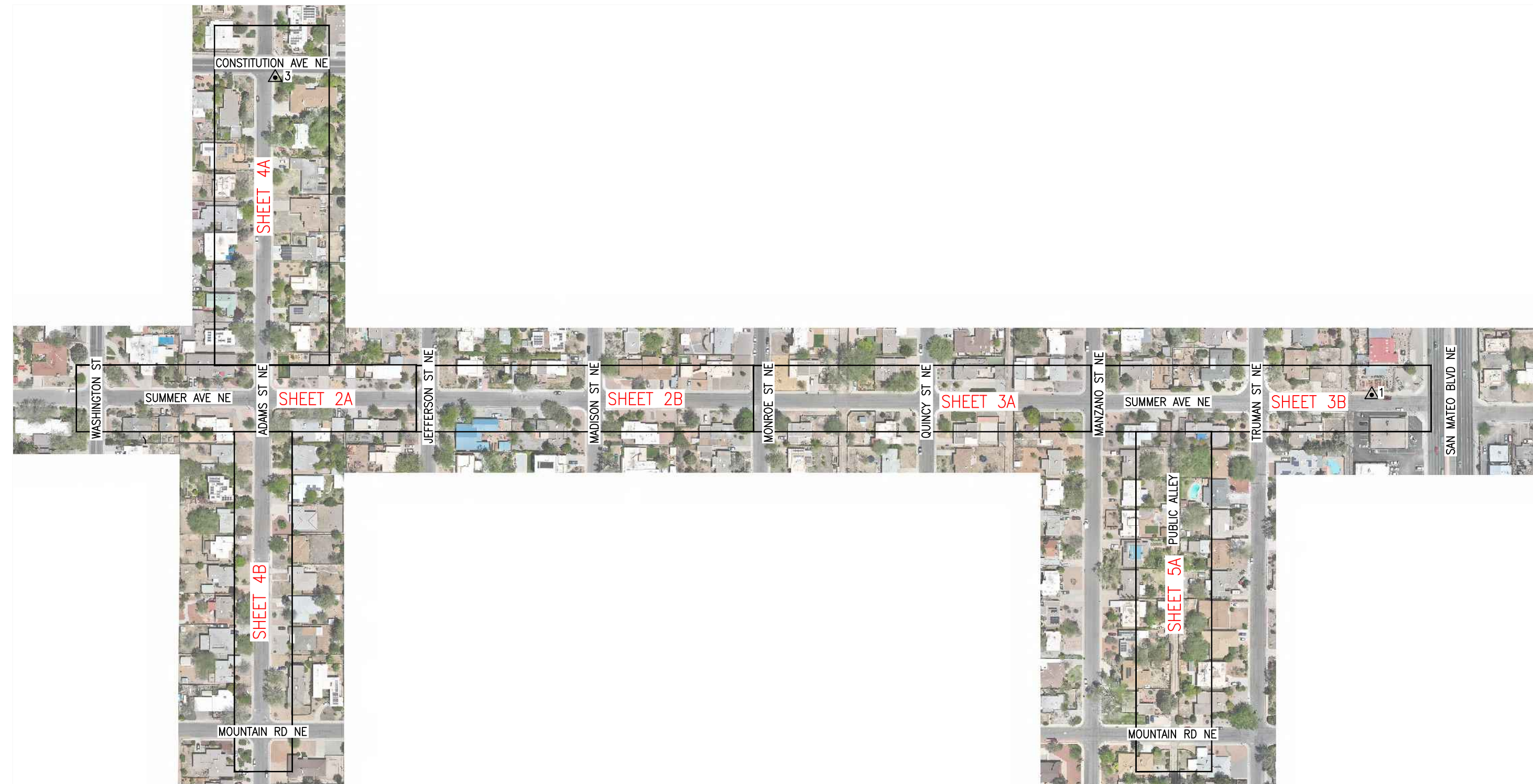
- QUALITY LEVEL B (QLB) - HORIZONTAL UTILITY LOCATIONS ASCERTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODOLOGIES AND UTILITY LOCATING TECHNIQUES. ALSO REFERRED TO AS DESIGNATION OR LINE-SPOTTING.
- QUALITY LEVEL C (QLC) - SURVEYING OF VISIBLE SURFACE FEATURES.
- QUALITY LEVEL D (QLD) - UTILITY INFORMATION DERIVED FROM EXISTING UTILITY RECORDS AND VARIOUS OTHER RESOURCES OF UTILITY INFORMATION INCLUDING BUT NOT LIMITED TO: RECORD OR AS-BUILT DRAWINGS, SITE UTILITY PLANS, DISTRIBUTION AND SERVICE MAPS, EXISTING GEOGRAPHIC INFORMATION SYSTEM (GIS) DATABASES, ORAL RECOLLECTIONS, ETC.

**SUBSURFACE UTILITY NOTES**

1. UTILITIES SHOWN ARE A DEPICTION OF VISIBLE UTILITY FEATURES AND ASCERTAINABLE SUBSURFACE UTILITY LOCATIONS THAT HAVE BEEN DESIGNATED AND/OR OBSERVED BY, AND SUBSEQUENTLY SURVEYED BY HIGH MESA CONSULTING GROUP. AS A GENERAL GUIDELINE, ASCE STANDARD 38-22 (STANDARD GUIDELINE FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES) HAS BEEN FOLLOWED FOR GATHERING AND PRESENTING THE LEVEL OF UTILITY INFORMATION THAT HAS BEEN REQUESTED FOR THIS PROJECT. SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVELS B, C AND D HAVE BEEN COMPLETED AT THIS TIME.
2. SURFACE GEOPHYSICAL LOCATING AND SUBSURFACE UTILITY DESIGNATION (SUE - QLB) EFFORTS HAVE BEEN BASED UPON VARIOUS RESOURCES OF UTILITY INFORMATION ALONG WITH CURRENT SITE CONDITIONS INCLUDING ACCESSIBLE SURFACE FEATURES OBSERVED WITHIN THE PROJECT LIMITS. RESULTS OF THIS EFFORT HAVE BEEN CORRELATED TO EXISTING RECORD DRAWINGS (OR OTHER RESOURCES OF UTILITY INFORMATION) THAT WERE AVAILABLE AT THE TIME THIS WORK WAS PERFORMED. UTILITY LOCATIONS THAT COULD NOT BE ASCERTAINED THROUGH SURFACE GEOPHYSICAL LOCATING METHODS, BUT WERE RECONCILED FROM UTILITY RECORDS, HAVE BEEN IDENTIFIED AND LABELED ON THIS SURVEY ACCORDINGLY. ADDITIONALLY, ANY DISCOVERED DISCREPANCIES RELATED TO THE RECORD DRAWINGS, UTILITY CONNECTIVITY OR PUBLIC UTILITY RESPONSE HAVE BEEN DOCUMENTED. REFER TO KEYED SUBSURFACE UTILITY NOTES ON THIS SHEET FOR LOCATIONS AND SUBSURFACE UTILITY KEYED NOTES BELOW FOR DETAILS.
3. PUBLICLY-OWNED UTILITIES REPRESENTED ON THIS SURVEY HAVE BEEN IDENTIFIED BY THE OWNER IN RESPONSE TO HMCG NM811 DESIGN LOCATE REQUEST (NM811 TICKET 23AP100207 04/10/23 9:15AM & NM811 TICKET 23AP100208 04/10/23 9:15AM) AND/OR THROUGH SUPPLEMENTAL DESIGNATION EFFORTS BY HMCG BASED UPON SURFACE EVIDENCE AND VARIOUS OTHER RESOURCES OF UTILITY INFORMATION OBTAINED FROM THE OWNER AT THE ONSET OF THE PROJECT. A LIST OF UTILITY OWNERS REGISTERED WITH NM811 HAS BEEN PROVIDED BELOW.
4.
  - A. **NM811 UTILITY OWNER/OPERATOR LIST**

NAME	*TELEPHONE NUMBER
ALBUQUERQUE/BERNALILLO COUNTY WUA	1-505-842-9287
CENTURYLINK LOCAL NETWORK CENTRAL	1-800-283-4237
CITY OF ALBUQUERQUE (C.O.A.)	1-505-857-8044
C.O.A.-STORM DRAINS	1-505-857-8022
COMCAST - ALBUQUERQUE	1-800-778-9140
MCI CABLE SEC	1-800-624-9675
NEW MEXICO GAS COMPANY - ALBUQUERQUE	1-505-934-5853
PNM ELECTRIC - ALBUQUERQUE	1-505-241-0577

\*TELEPHONE NUMBERS OBTAINED THROUGH NM811 WEB PORTAL
5. THIS UTILITY SURVEY AND SUBSURFACE UTILITY ENGINEERING EFFORT IS NOT ALL-INCLUSIVE AND MAY NOT REPRESENT UTILITIES/INFRASTRUCTURE THAT HAVE BEEN ABANDONED-IN-PLACE, WERE INACCESSIBLE, OR OTHERWISE UNDETECTABLE DUE TO UNFORESEEN AND UNCONTROLLABLE SITE AND/OR UTILITY CONDITIONS. FURTHER, THIS UTILITY INVESTIGATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, NEW MEXICO EXCAVATION LAWS (NM811), MUNICIPAL AND LOCAL ORDINANCES, SITE SPECIFIC RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES.



**SHEET LAYOUT**

**SUBSURFACE UTILITY KEY NOTES**

- ① GAS METER WAS NOT ACCESSIBLE TO DETERMINE LOCATION OF SERVICE LATERAL. DESIGNATION IS INCOMPLETE.
- ② LOCATION OF WATER LINE (PRESUMED TO BE PVC) COULD NOT BE DETERMINED AT THIS LOCATION WHERE SURFACE EVIDENCE WAS DISCOVERED. DESIGNATION IS INCOMPLETE.
- ③ WATER LINE PAINT MARKS BY OTHERS. WATER LINE DESIGNATED BY HMCG SOUTH OF PAINT MARKS.
- ④ BASE OF MANHOLE IS DIRT/CONCRETE. NO PIPELINES WERE OBSERVED.
- ⑤ STORM DRAIN DROP INLETS HAS BEEN REMOVED AND THE PIPELINE HAS BEEN CAPPED AT THIS POINT.
- ⑥ OBSERVED A SINGLE PIPELINE CONTINUING SOUTH FROM STORM DRAIN DROP INLET. PIPELINE WAS FULL OF SILT AND DEBRIS. DESIGNATION IS INCOMPLETE.

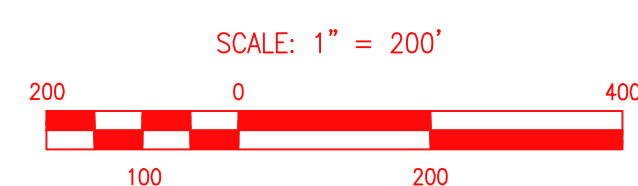
**SURVEYORS CERTIFICATION**

I, CHARLES G. CALA, JR., NEW MEXICO PROFESSIONAL SURVEYOR NO. 11184, DO HEREBY CERTIFY: THAT THIS UTILITY SURVEY AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; 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. Cala, Jr.*  
CHARLES G. CALA, JR., NMPS 11184

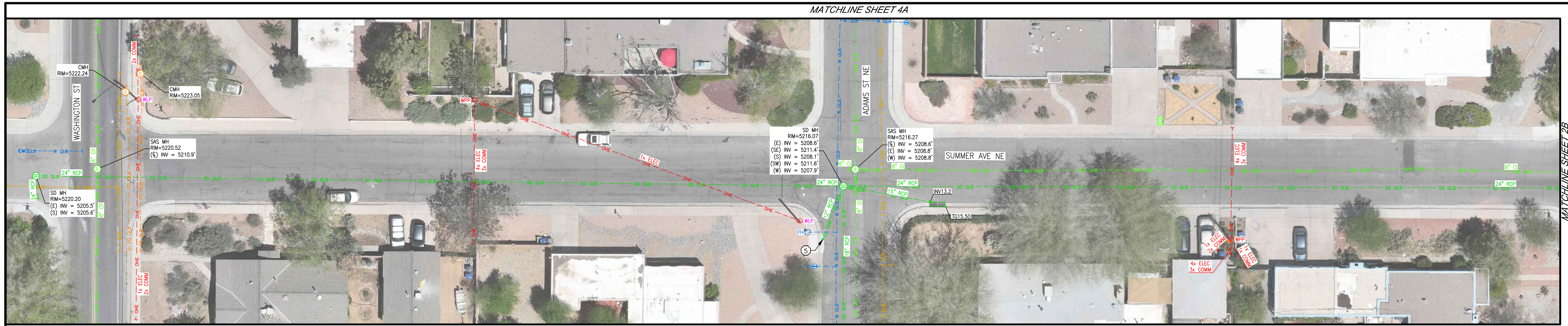
11184  
REGISTERED PROFESSIONAL SURVEYOR  
NEW MEXICO

May 22, 2023  
DATE



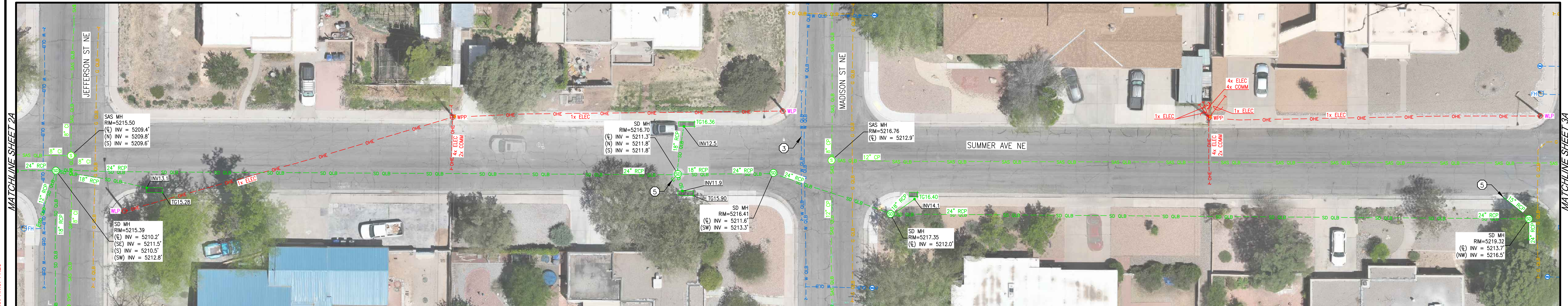
SURVEYED BY M.V.Z.	NO.	DATE	BY	REVISIONS	JOB NO. 2023.015.1
				DATE 05-2023	
				SHEET 1 OF 5	





**SHEET 2A**  
SCALE 1"=20'

MATCHLINE SHEET 4B



**SHEET 2B**  
SCALE 1"=20'

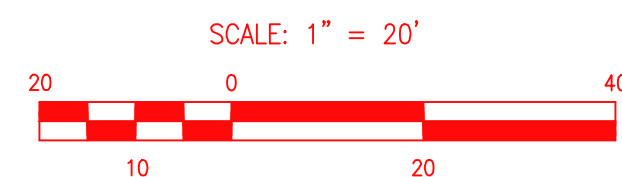
**SUBSURFACE UTILITY KEY NOTES**

- ① GAS METER WAS NOT ACCESSIBLE TO DETERMINE LOCATION OF SERVICE LATERAL. DESIGNATION IS INCOMPLETE.
- ② LOCATION OF WATER LINE (PRESUMED TO BE PVC) COULD NOT BE DETERMINED AT THIS LOCATION WHERE SURFACE EVIDENCE WAS DISCOVERED. DESIGNATION IS INCOMPLETE.
- ③ WATER LINE PAINT MARKS BY OTHERS. WATER LINE DESIGNATED BY HMC SOUTH OF PAINT MARKS.
- ④ BASE OF MANHOLE IS DIRT/CONCRETE. NO PIPELINES WERE OBSERVED.
- ⑤ STORM DRAIN DROP INLETS HAS BEEN REMOVED AND THE PIPELINE HAS BEEN CAPPED AT THIS POINT.
- ⑥ OBSERVED A SINGLE PIPELINE CONTINUING SOUTH FROM STORM DRAIN DROP INLET. PIPELINE WAS FULL OF SILT AND DEBRIS. DESIGNATION IS INCOMPLETE.

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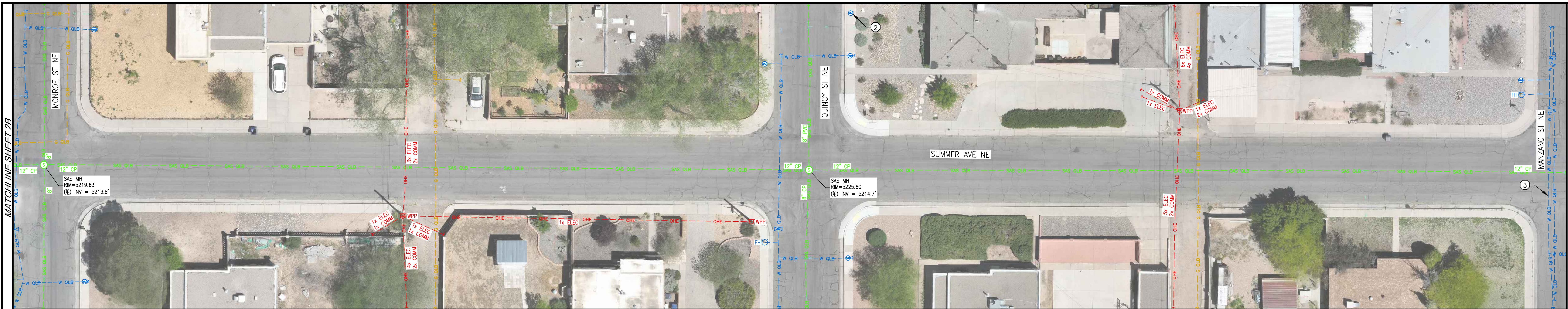


**UTILITY SURVEY  
PUEBLO ALTO GSI  
ALBUQUERQUE, NM**

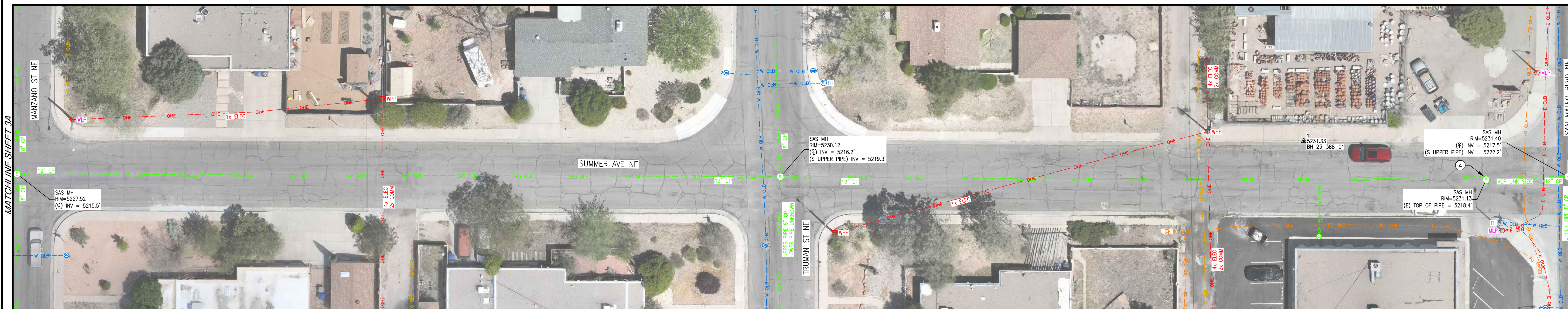
SURVEYED BY M.V.Z.  
DRAWN BY A.J.P.  
APPROVED BY C.G.C.

NO.	DATE	BY	REVISIONS	JOB NO.
				<b>2023.015.1</b>
				<b>DATE 05-2023</b>
				<b>SHEET 2 OF 5</b>





**SHEET 3A**  
SCALE 1"=20'



**SHEET 3B**  
SCALE 1"=20'

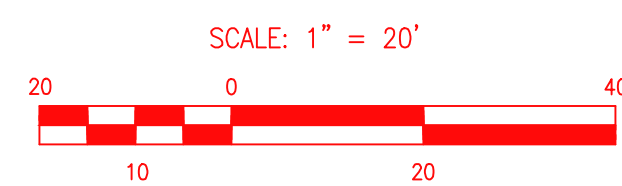
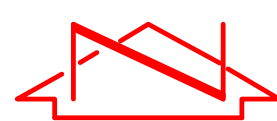
**SUBSURFACE UTILITY KEY NOTES**

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- ③ WATER LINE PAINT MARKS BY OTHERS. WATER LINE DESIGNATED BY HMCG SOUTH OF PAINT MARKS.
- ④ BASE OF MANHOLE IS DIRT/CONCRETE. NO PIPELINES WERE OBSERVED.
- ⑤ STORM DRAIN DROP INLETS HAS BEEN REMOVED AND THE PIPELINE HAS BEEN CAPPED AT THIS POINT.
- ⑥ OBSERVED A SINGLE PIPELINE CONTINUING SOUTH FROM STORM DRAIN DROP INLET. PIPELINE WAS FULL OF SILT AND DEBRIS. DESIGNATION IS INCOMPLETE.

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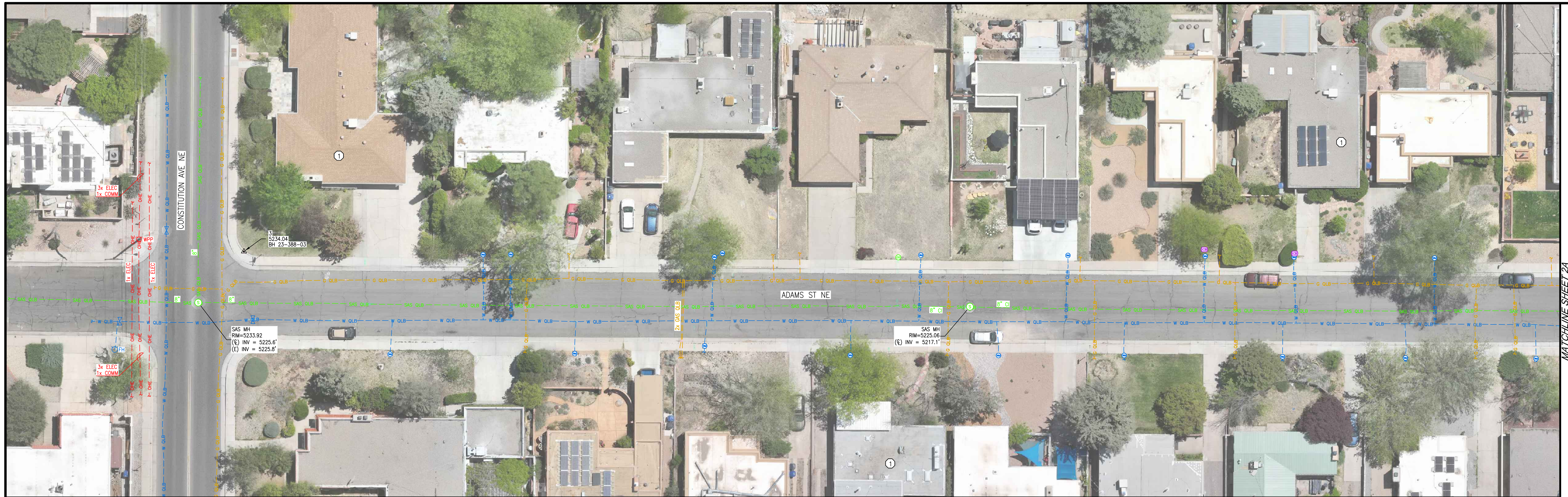
**UTILITY SURVEY  
PUEBLO ALTO GSI  
ALBUQUERQUE, NM**

SURVEYED BY M.V.Z.  
DRAWN BY A.J.P.  
APPROVED BY C.G.C.

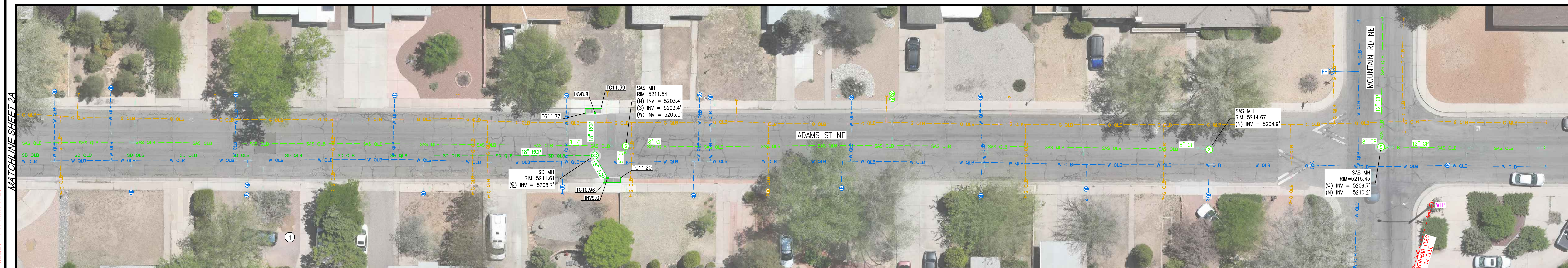
NO.	DATE	BY	REVISIONS

JOB NO.	<b>2023.015.1</b>
DATE	<b>05-2023</b>
SHEET	<b>3 OF 5</b>





**SHEET 4A**  
SCALE 1"=20'



**SHEET 4B**  
SCALE 1"=20'



**SUBSURFACE UTILITY KEY NOTES**

- ① GAS METER WAS NOT ACCESSIBLE TO DETERMINE LOCATION OF SERVICE LATERAL. DESIGNATION IS INCOMPLETE.
- ② LOCATION OF WATER LINE (PRESUMED TO BE PVC) COULD NOT BE DETERMINED AT THIS LOCATION WHERE SURFACE EVIDENCE WAS DISCOVERED. DESIGNATION IS INCOMPLETE.
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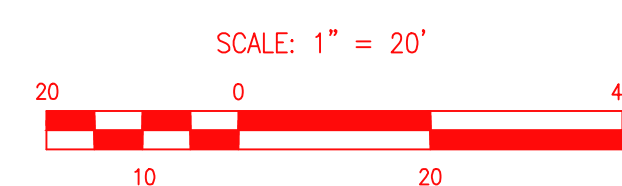
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MATCHLINE SHEET 2A

MATCHLINE SHEET 2A

**HIGH MESA Consulting Group**  
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**UTILITY SURVEY  
PUEBLO ALTO GSI  
ALBUQUERQUE, NM**

SURVEYED BY M.V.Z.  
DRAWN BY A.J.P.  
APPROVED BY C.G.C.

NO.	DATE	BY	REVISIONS	JOB NO.
				<b>2023.015.1</b>
				DATE <b>05-2023</b>
				SHEET <b>4</b> OF <b>5</b>



CONSULTANTS

BENCH MARKS

SEAL

**30% FOR  
REVIEW  
ONLY**

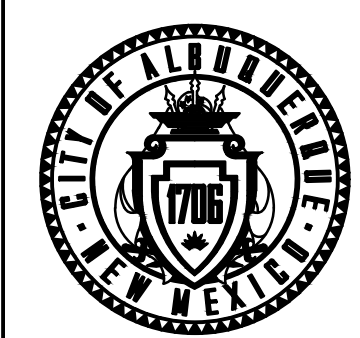
November 30, 2023

NO.	DATE	DESCRIPTION
BY	BY	BY
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WORK STAKED BY:	DATE:	DATE:
INSPECTOR'S ACCEPTANCE BY:	DATE:	DATE:
FIELD VERIFICATION BY:	DATE:	DATE:
DRAWINGS CORRECTED BY:	DATE:	DATE:

DESIGNED BY:  
DRAWN BY: LBS  
CHECKED BY: WM  
DATE: 11/30/2023



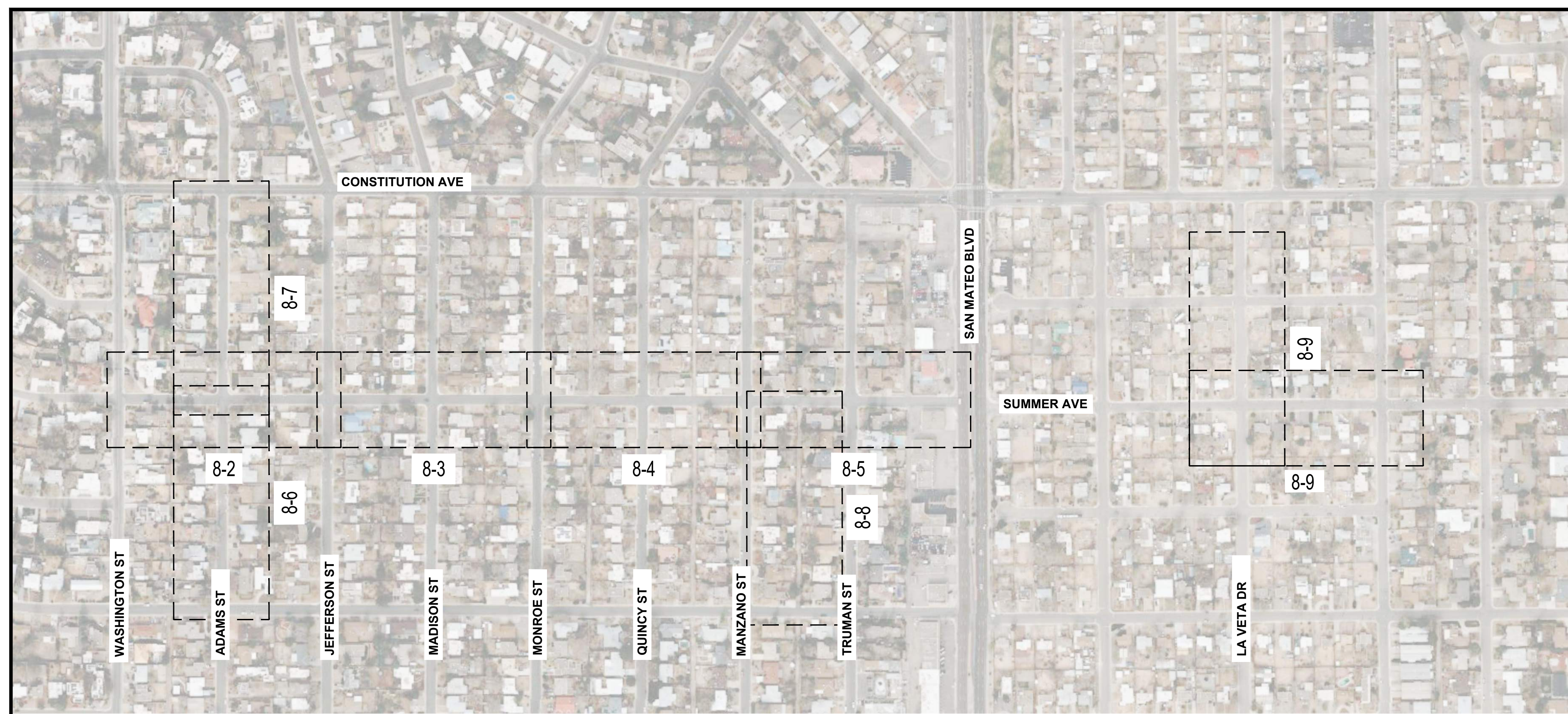
CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION



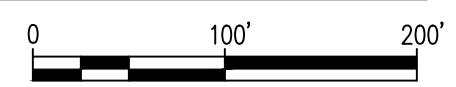
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
OVERALL PLAN AND GENERAL NOTES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 8-1 27 OF 35



**A OVERALL PLAN**  
SCALE: 1" = 200'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	MIN. INSTALLED SIZE	CONTAINER	MATURE SIZE
<b>TREES</b>						
	DESERT WILLOW	CHILOPSIS LINEARIS		2" CAL, 12'-14' HT		20' HT & SPD
	SCREWBEAN MESQUITE	PROSOPIS PUBESCENS	42	2" CAL, 12'-14' HT	B&B	20' HT & SPD
	HONEY MESQUITE	PROSOPIS GLANDULOSA		2" CAL, 12'-14' HT		20' HT & SPD
	GAMBEL OAK	QUERCUS GAMBELII		2" CAL, 12'-14' HT		20' HT & SPD
	DESERT LIVE OAK	QUERCUS TURBINELLA		2" CAL, 12'-14' HT		20' HT & SPD
<b>SHRUBS</b>						
	CREOSOTE BUSH	LARREA TRIDENTATA		MIN 18" HT	5-GAL	4' HT & SPD
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS	88	MIN 18" HT	5-GAL	4' HT & SPD
	FRINGED SAGE	ARTEMISIA FRIGIDA		MIN 18" HT	5-GAL	4' HT & SPD
<b>PERENNIALS</b>						
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES		MIN 18" SPD	1-GAL	2' HT & SPD
	CHOCOLATE FLOWER	BERLANDIERA LYRATA		MIN 12" HT	1-GAL	18" HT & SPD
	DESERT ZINNIA	ZINNIA GRANDIFLORA	347	MIN 18" HT	1-GAL	2' HT & SPD
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES'		MIN 18" SPD	1-GAL	2' HT & SPD
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS		MIN 18" SPD	1-GAL	2' HT & SPD
	DESERT MULE'S EAR	SCABRETHIA SCABRA		MIN 18" SPD	1-GAL	18" HT & SPD
<b>DESERT ACCENTS &amp; GRASSES</b>						
	SHARKSKIN AGAVE	AGAVE SCABRA		MIN 18" HT	1-GAL	5' HT & SPD
	SOAPWEED YUCCA	YUCCA GLAUCA		MIN 18" HT	1-GAL	5' HT & SPD
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS	138	MIN 12" HT	1-GAL	2' HT & SPD
	BROWN SPINED PRICKLY PEAR	OPUNTIA PHAEACANTHA		MIN 18" SPD	1-GAL	5' HT & SPD
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM		MIN 12" SPD	1-GAL	2' HT & SPD

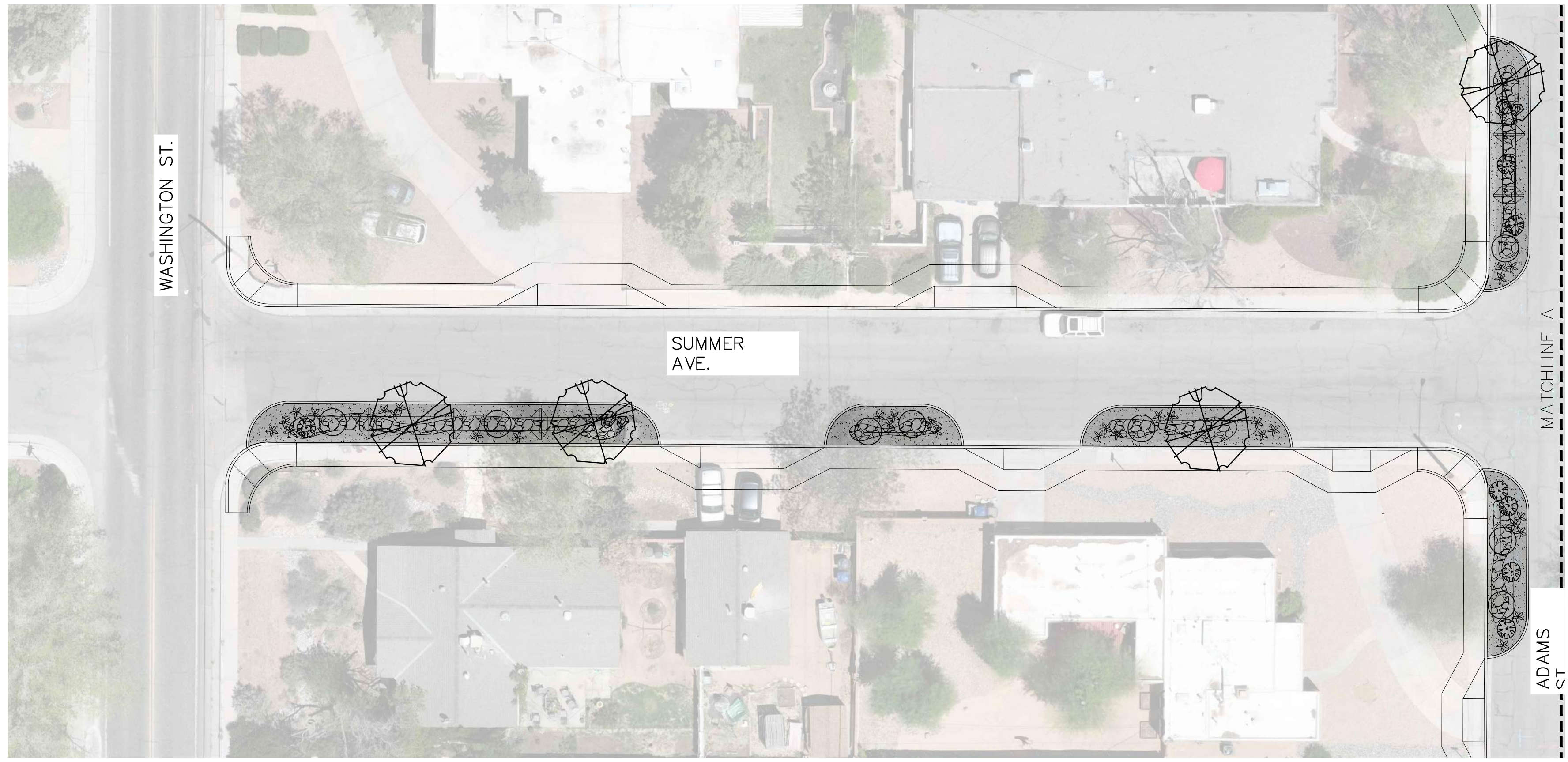
**GENERAL NOTES - PLANTING**

- IF THERE IS A DISCREPANCY BETWEEN PLANT QUANTITIES LISTED IN THE PLANT SCHEDULE AND THOSE SHOWN ON THE PLANTING PLAN, QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID. ADDITIONAL PAYMENT WILL NOT BE MADE FOR ANY DISCREPANCY IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT SCHEDULE.
- CONTRACTOR SHALL INSTALL A 4" DEPTH OF 3/4" GRAVEL MULCH. INSTALL MULCH OVER FILTER FABRIC. OVERLAP FABRIC ENDS 3", TURN DOWN EDGES 6". TOP OF GRAVEL MULCH SHALL BE 1" BELOW TOP OF ADJACENT PAVING. PROVIDE SAMPLE OF GRAVEL MULCH FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR SHALL INSTALL A SINGLE LAYER OF 2"-4" COBBLE MULCH. INSTALL MULCH OVER 4" DEPTH OF SHREDDED WOOD ON SCARIFIED EARTH. PROVIDE SAMPLE OF COBBLE MULCH FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE LISTED UNDER "CONTAINER" AND HEIGHT & SPREAD LISTED UNDER "INSTALLED SIZE", THE SPECIFIED PLANT SHALL MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "INSTALLED SIZE". IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, IT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- TREES AND SHRUBS SHALL BE PLANTED PER CABQ STANDARD LANDSCAPE DETAIL DWG. NO 2714 & 2716.
- FURNISH AND INSTALL LANDSCAPE BOULDERS. BOULDERS SHALL BE MIN. 12-18 CUBIC FEET, LOCALLY AVAILABLE. BURY BOULDER TO MIN. 8" DEPTH.

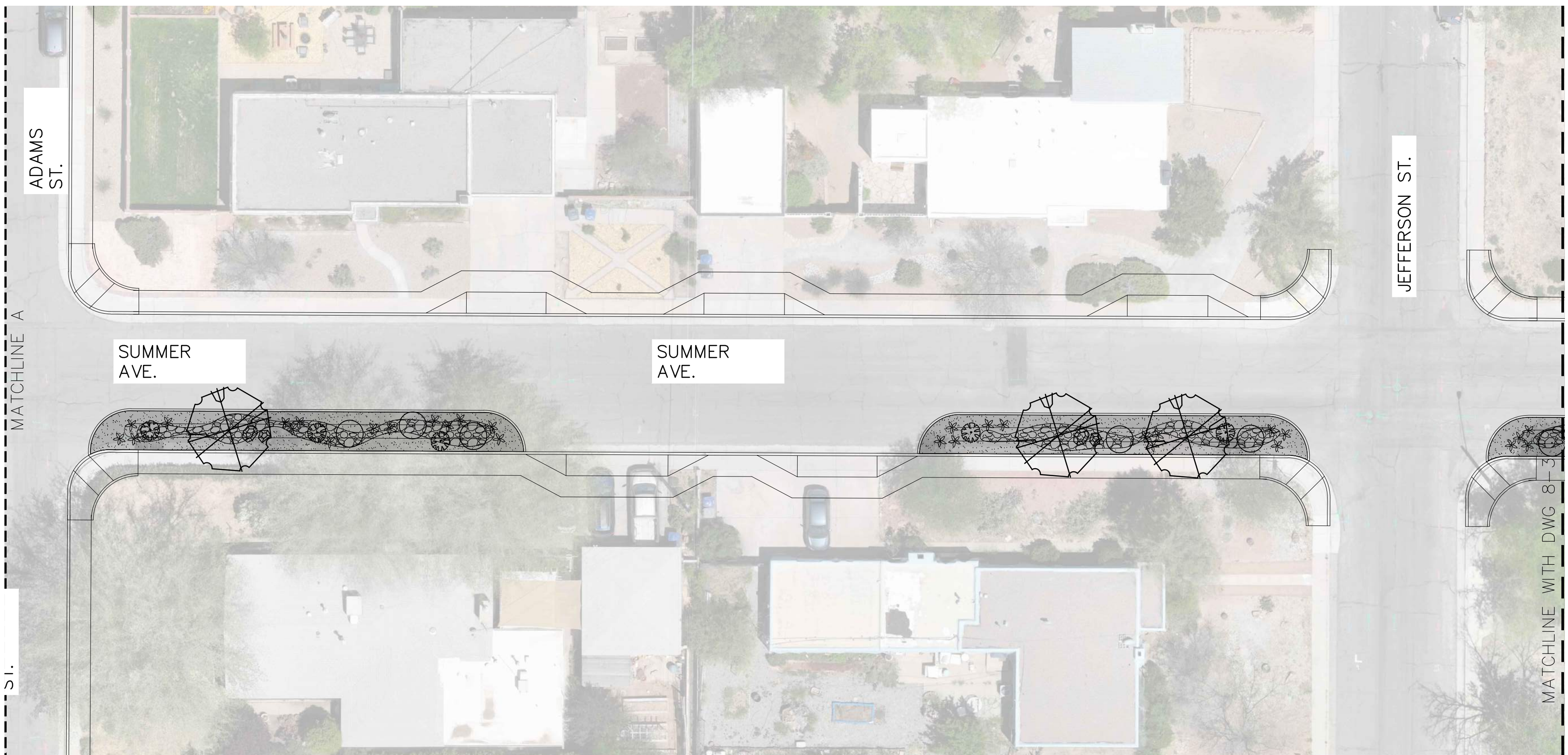
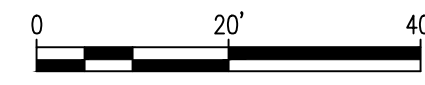
**GENERAL NOTES - IRRIGATION**

- THIS SYSTEM'S DESIGN APPROACH ASSUMES A MINIMUM STATIC PRESSURE BETWEEN 80-100 PSI AT THE POINT OF CONNECTION. THE ACTUAL PSI WILL BE DETERMINED WITH ABCWUA. THE SYSTEM REQUIRES THE INSTALLATION OF TWO 2" WATER METERS INCLUDING UEC'S. ALL REQUIRED PERMITS, REMOVAL AND REPLACE OF ASPHALT AND/OR CONCRETE, TAP, SERVICE LINE LESS THAN 40FT FROM MAIN TAP TO METER. COMPLETE IN PLACE PER EACH. POSSIBLE LOCATIONS INCLUDE NEAR THE INTERSECTION OF LA VETA DR. NE AND SUMMER AVE. NE, AND NEAR THE ALLEYWAY BETWEEN MANZANO ST. NE AND TRUMAN ST. NE ON SUMMER AVE. NE.
- THE CONTRACTOR SHALL PROVIDE TWO 120V, 20 AMP CIRCUITS FROM THE ELECTRICAL PANEL TO 2" IRRIGATION BACKFLOW PREVENTER ENCLOSURE AND IRRIGATION CONTROLLER (ONE TO EACH). SEE ELECTRICAL DRAWINGS. WORK AND MATERIALS BE IN COMPLIANCE WITH LOCAL CODES AND THE NATIONAL ELECTRIC CODE (N.E.C.). POWER SOURCE WILL BE IDENTIFIED AND CONNECTION INFORMATION WILL BE PROVIDED WITH THE 65% SUBMITTAL.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL 2" MAIN LINE, LATERAL LINES, #10 IRRIGATION WIRE, 2" TWO-WIRE ISOLATION VALVES, AIR RELIEF VALVES, BUBBLERS AND ASSOCIATED IRRIGATION COMPONENTS INCLUDING CHECK VALVES IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD 2700 DETAILS. THE MAIN LINE MATERIAL TO BE DETERMINED WITH THE OWNER.
- BASED ON MAINTENANCE OWNERSHIP OF THE PROJECT ALL IRRIGATION COMPONENTS, INCLUDING THE TWO-WIRE CONTROLLERS, WILL BE SELECTED IN COORDINATION WITH THE CITY OF ALBUQUERQUE PARKS OR SOLID WASTE STAFF. AT THIS TIME, THE MAINTENANCE OWNERSHIP HAS NOT BEEN DETERMINED.
- ALL PLANT MATERIAL, WITH THE EXCEPTION OF PLANT MATERIAL LOCATED WITHIN THE ALLEY, WILL BE IRRIGATED USING THE AUTOMATED, IN-GROUND IRRIGATION SYSTEM.

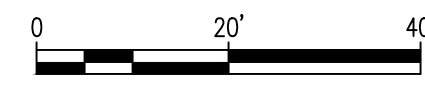




**A** PLANTING PLAN 8-2  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-2  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHIOLOPIS LINEARIS
	SCREWBEAN MESQUITE	PROSOPIS PUBESCENS
	HONEY MESQUITE	PROSOPIS GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.

CONSULTANTS

BENCH MARKS

SEAL

**30% FOR  
REVIEW  
ONLY**

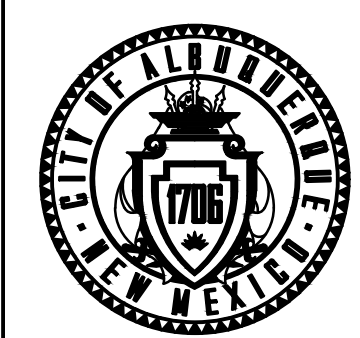
November 30, 2023

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		BY
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		DATE:
		INSPECTOR'S ACCEPTANCE BY:
		DATE:
		FIELD VERIFICATION BY:
		DATE:
		DRAWINGS CORRECTED BY:
		DATE:



CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION

DESIGNED BY:	
DRAWN BY:	LBS
CHECKED BY:	WM
DATE:	11/30/2023

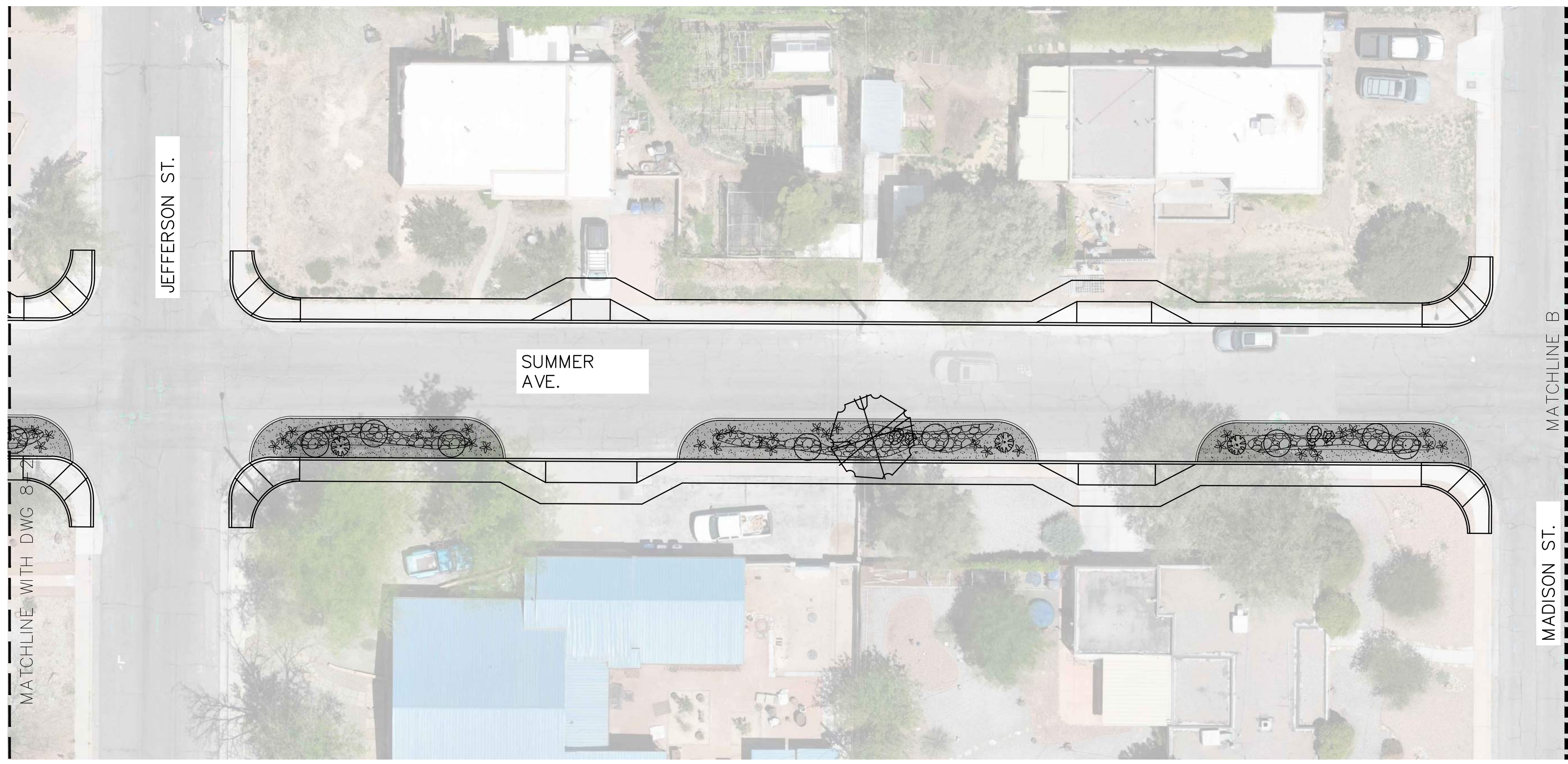


CITY OF ALBUQUERQUE  
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ENGINEERING DIVISION

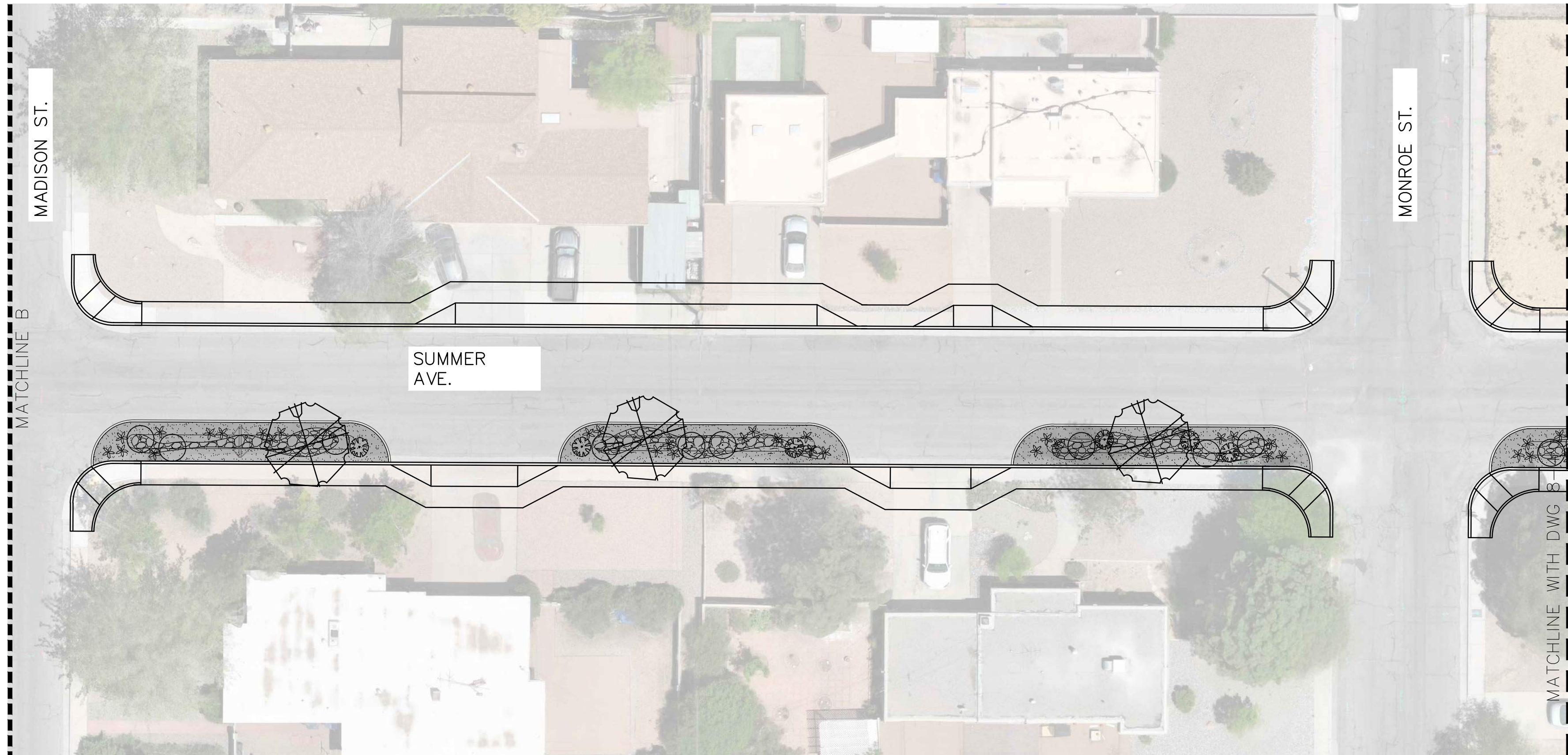
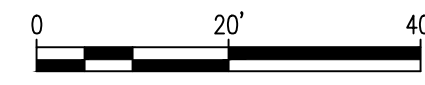
**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
PLANTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 8-2	SHEET NO. 28	OF 35

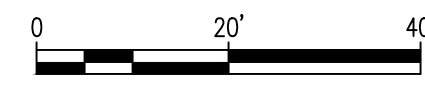




**A** PLANTING PLAN 8-3  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-3  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHIOLOPIS LINEARIS
	SCREWBAN MESQUITE	PROSOPIS PUBESCENS
	HONEY MESQUITE	PROSOPIS GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.

CONSULTANTS

BENCH MARKS

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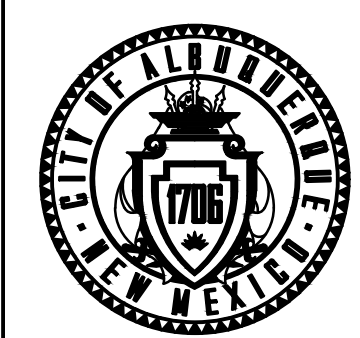
November 30, 2023

NO.	DATE	DESCRIPTION
		BY
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		DATE:
		INSPECTOR'S ACCEPTANCE BY:
		DATE:
		FIELD VERIFICATION BY:
		DATE:
		DRAWINGS CORRECTED BY:
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CALL NM ONE-CALL SYSTEM  
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DESIGNED BY:	
DRAWN BY:	LBS
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DATE:	11/30/2023

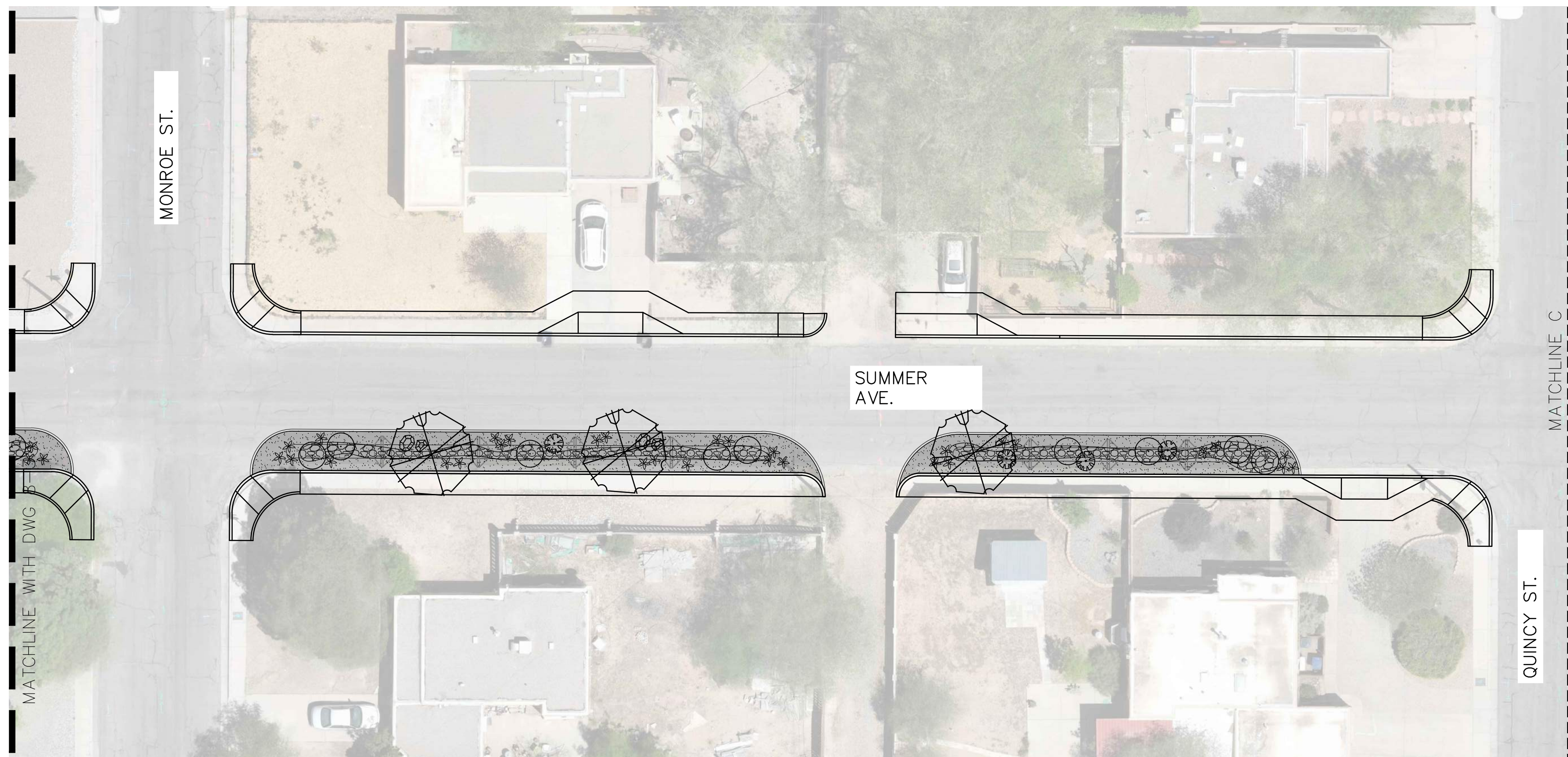


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

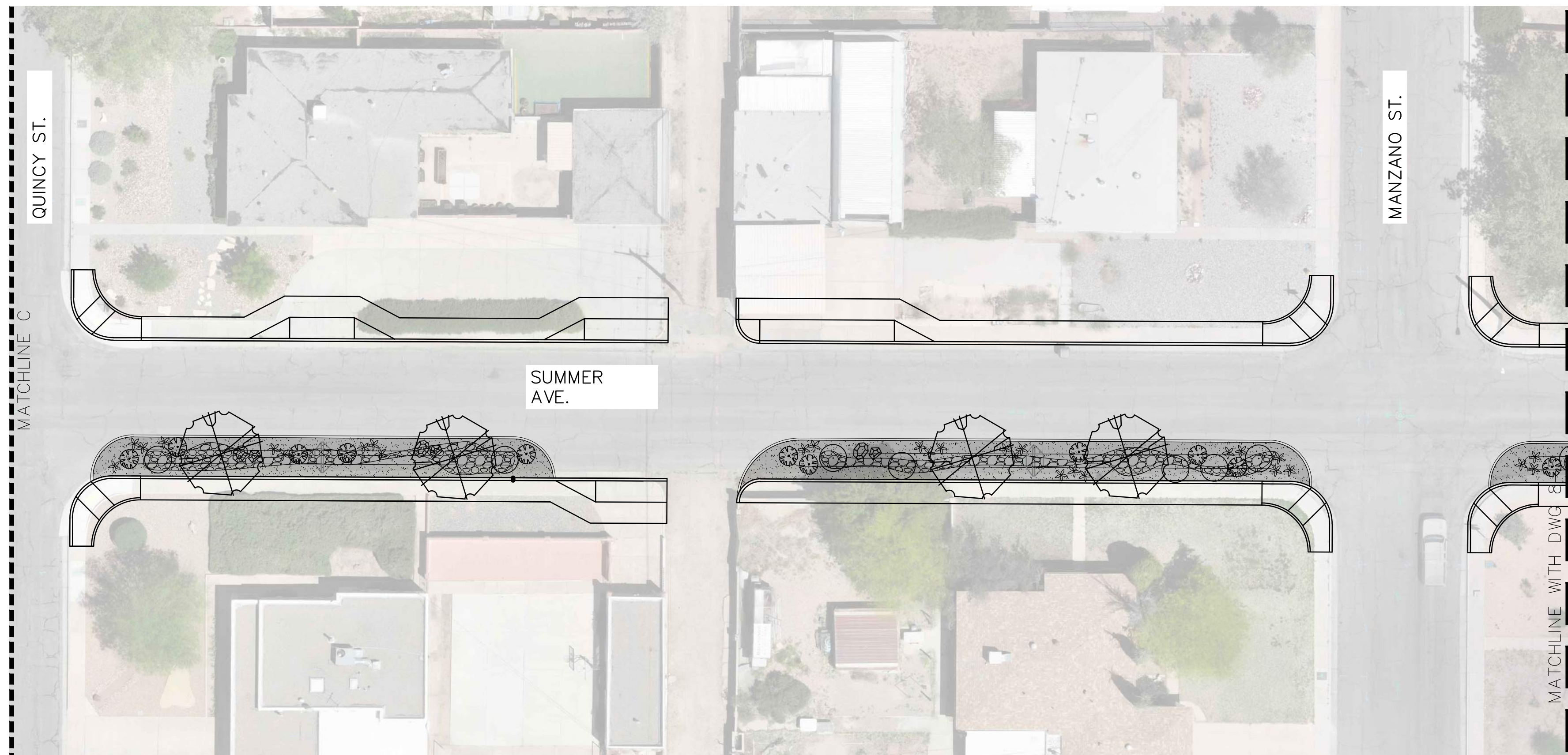
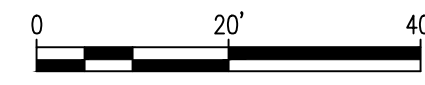
**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
PLANTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 8-3 29 OF 35

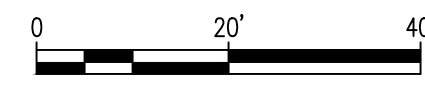




**A** PLANTING PLAN 8-4  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-4  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHIOLOPSIS LINEARIS
	SCREWBEAN MESQUITE	PROSOPIS PUBESCENS
	HONEY MESQUITE	PROSOPIS GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.

**Bohannan  
Huston**  
www.bhinc.com  
800.877.5332

CONSULTANTS

BENCH MARKS

SEAL

**30% FOR  
REVIEW  
ONLY**

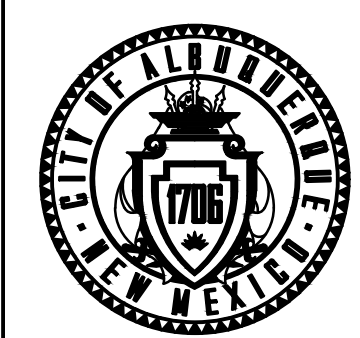
November 30, 2023

NO.	DATE	DESCRIPTION
		BY
		CONTRACTOR:
		DATE:
		INSPECTOR'S ACCEPTANCE BY:
		DATE:
		FIELD VERIFICATION BY:
		DATE:
		DRAWINGS CORRECTED BY:
		DATE:



CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
ANY EXCAVATION

DESIGNED BY:	
DRAWN BY:	LBS
CHECKED BY:	WM
DATE:	11/30/2023

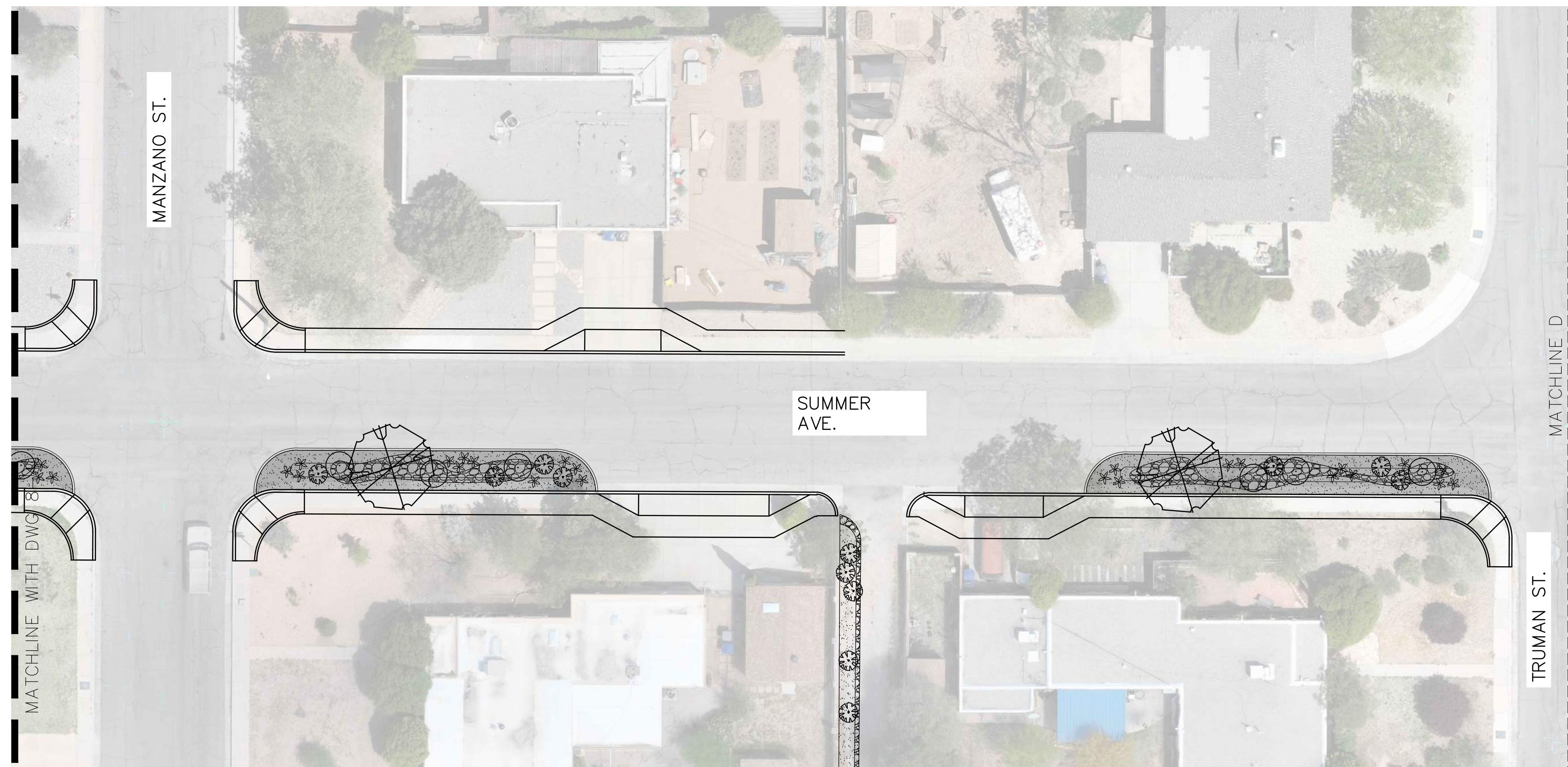


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

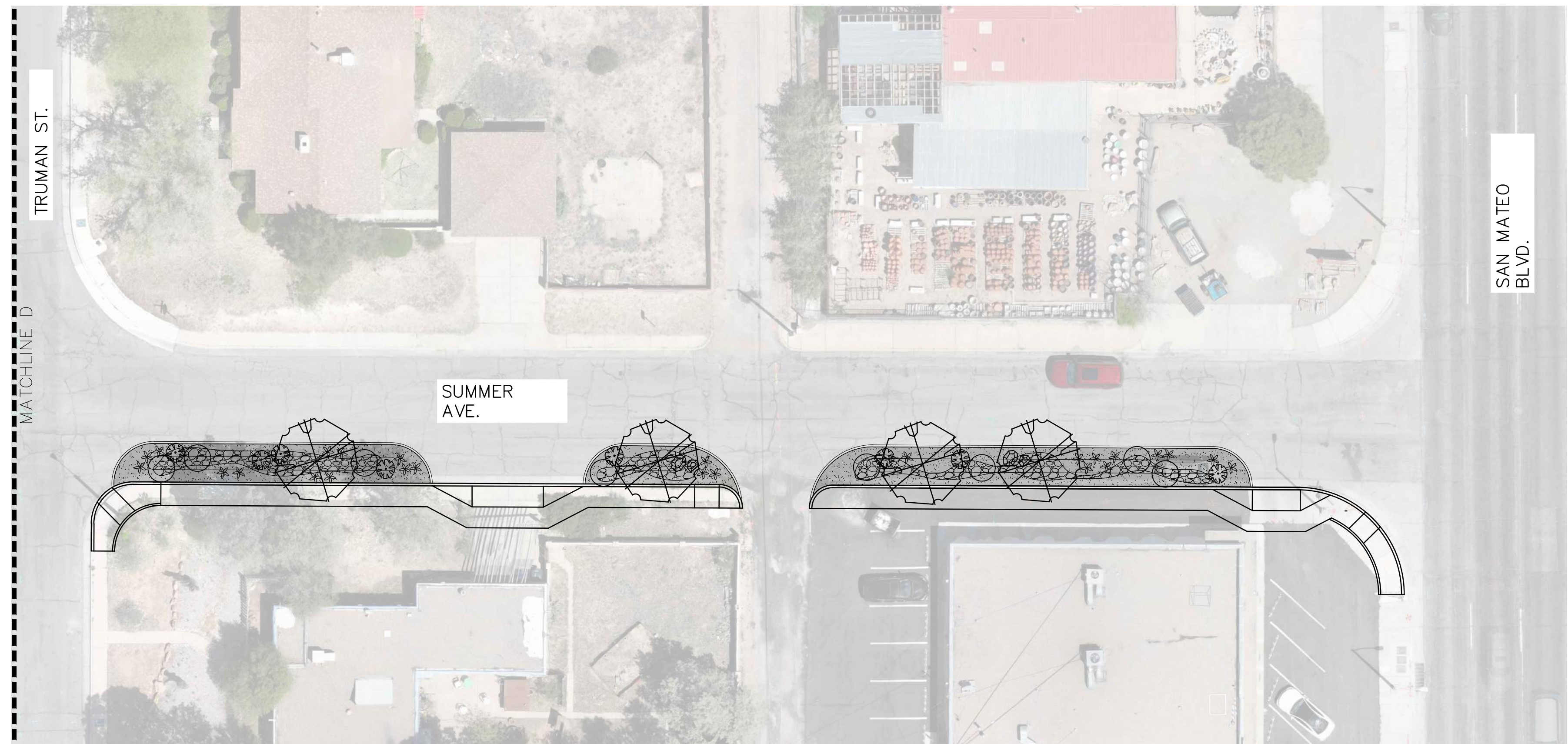
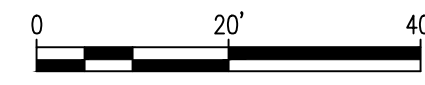
**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
PLANTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 8-4 30 OF 35

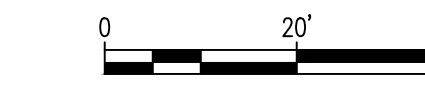




**A** PLANTING PLAN 8-5  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-5  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHIOLOPSIS LINEARIS
	SCREWBEAN MESQUITE	PROSOPIS PUBESCENS
	HONEY MESQUITE	PROSOPIS GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.

CONSULTANTS

BENCH MARKS

SEAL

**30% FOR  
REVIEW  
ONLY**

November 30, 2023

NO.	DATE	DESCRIPTION
		BY
		CONTRACTOR:
		DATE:
		INSPECTOR'S ACCEPTANCE BY:
		DATE:
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		DATE:
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		DATE:

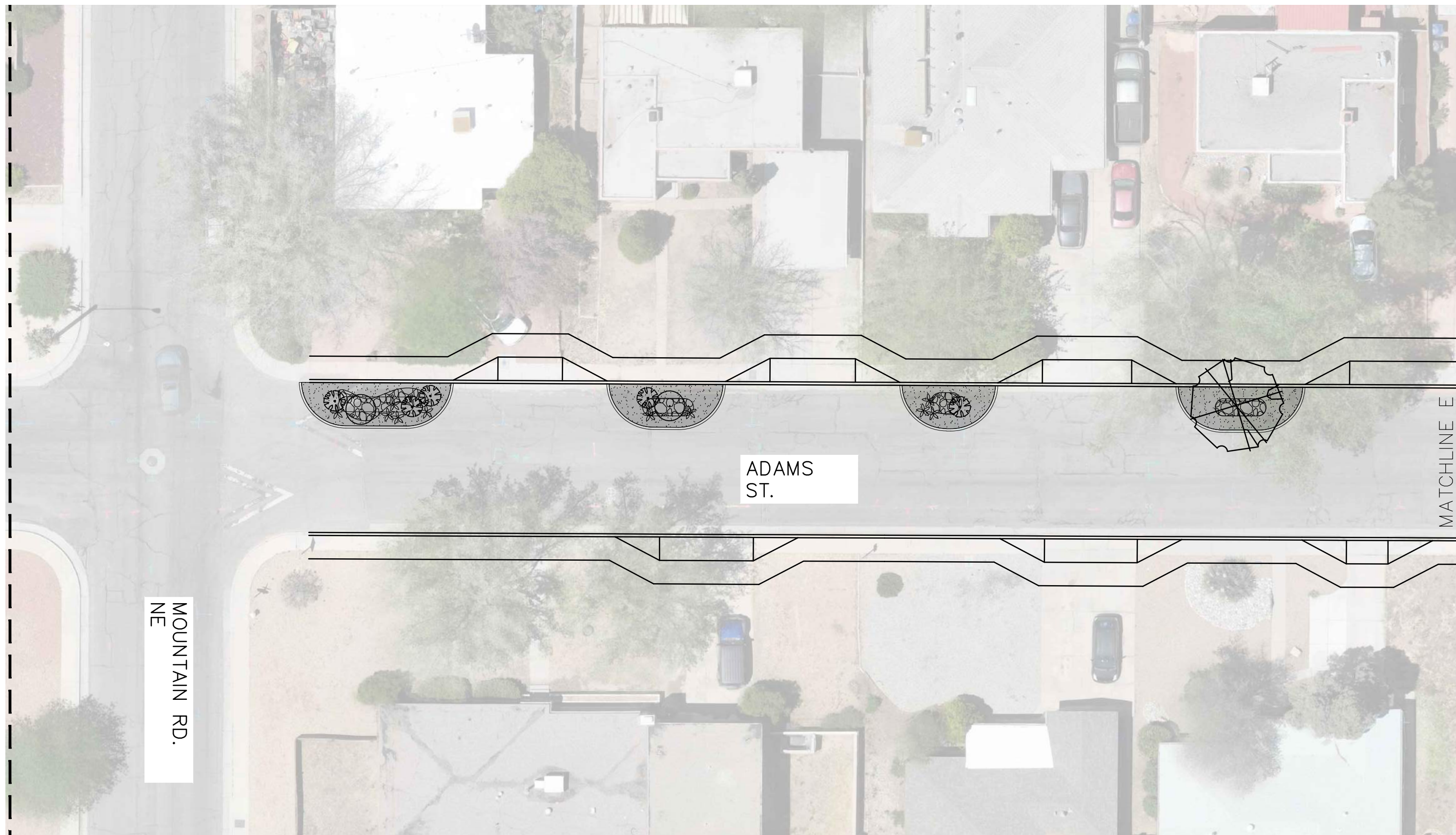


CALL NM ONE-CALL SYSTEM  
SEVEN (7) DAYS PRIOR TO  
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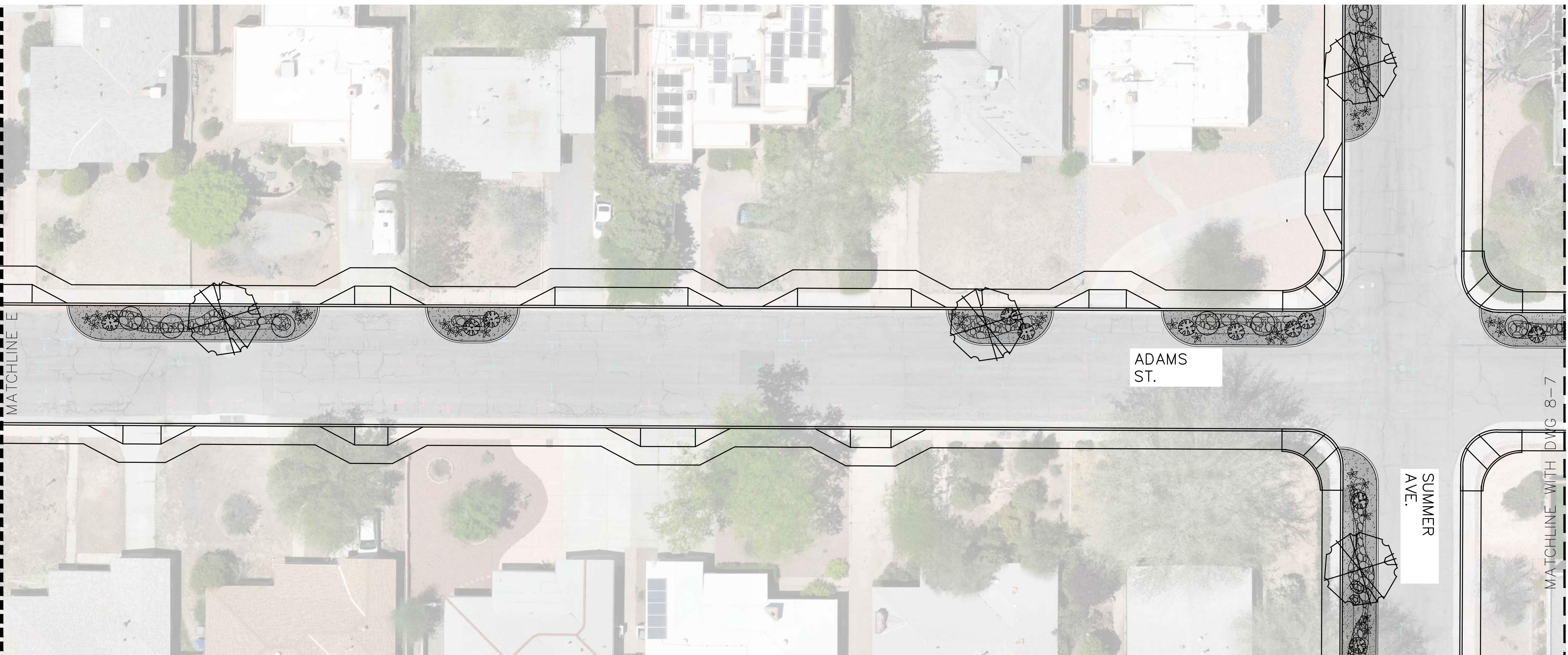
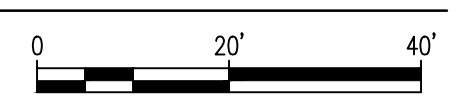
DESIGNED BY:	
DRAWN BY:	LBS
CHECKED BY:	WM
DATE:	11/30/2023

	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
	PUEBLO ALTO MILE HI GSI PILOT PROJECT PLANTING PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
DWG NO. 8-5	SHEET NO. 31	OF 35

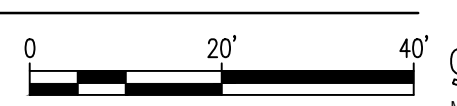




**A** PLANTING PLAN 8-6  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-6  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHILOPSIS LINEARIS
	SCREWBEAN MESQUITE	PROSOPIS PUBESCENS
	HONEY MESQUITE	PROSOPIS GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.



CONSULTANTS

BENCH MARKS

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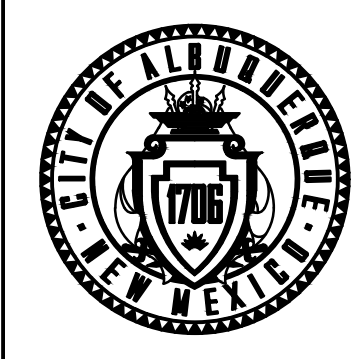
November 30, 2023

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		DATE:
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		DATE:
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		DATE:
		DRAWINGS CORRECTED BY:
		DATE:



CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

DESIGNED BY:  
DRAWN BY: LBS  
CHECKED BY: WM  
DATE: 11/30/2023



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

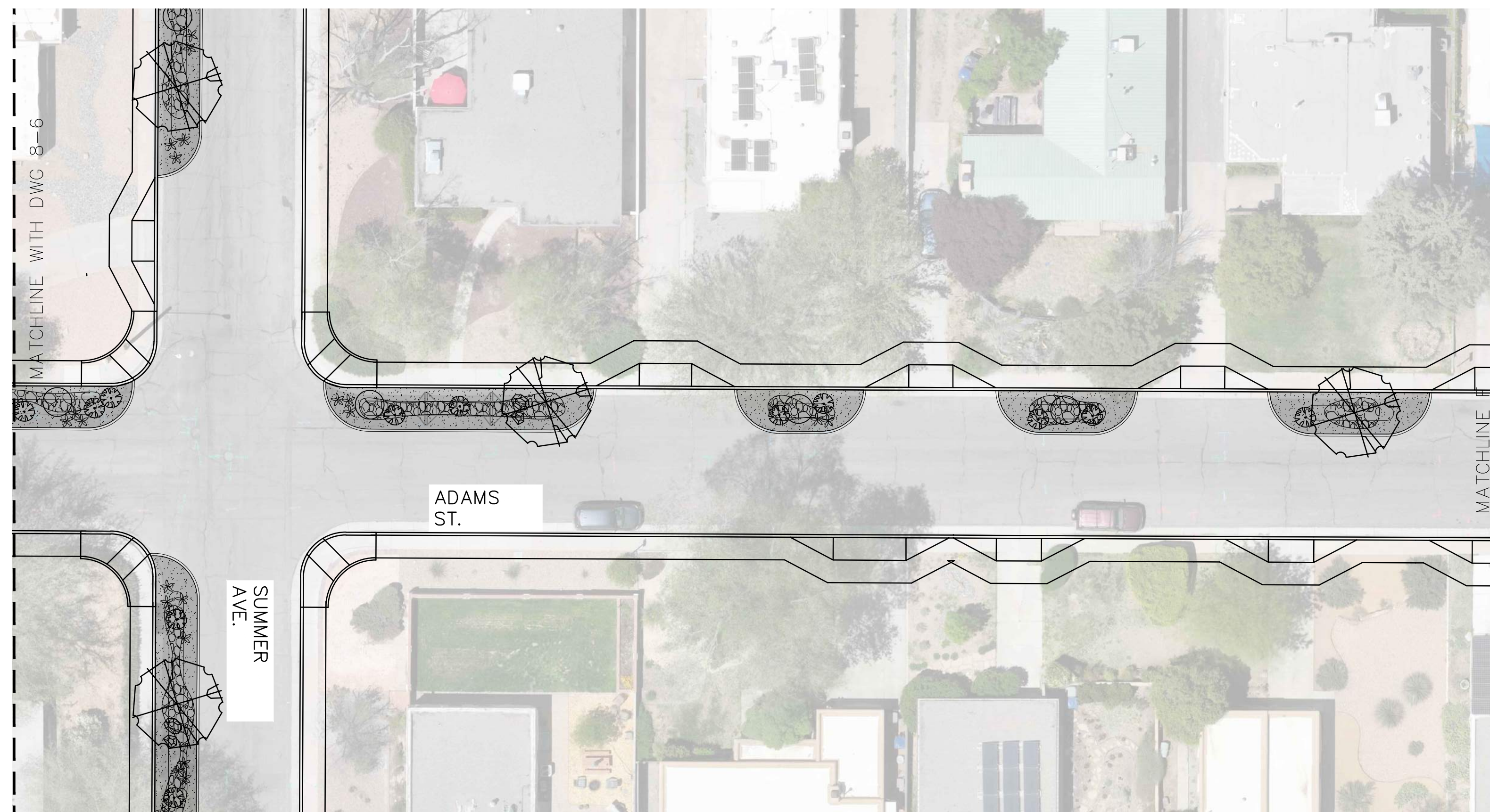
**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
PLANTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 8-6 32 OF 35

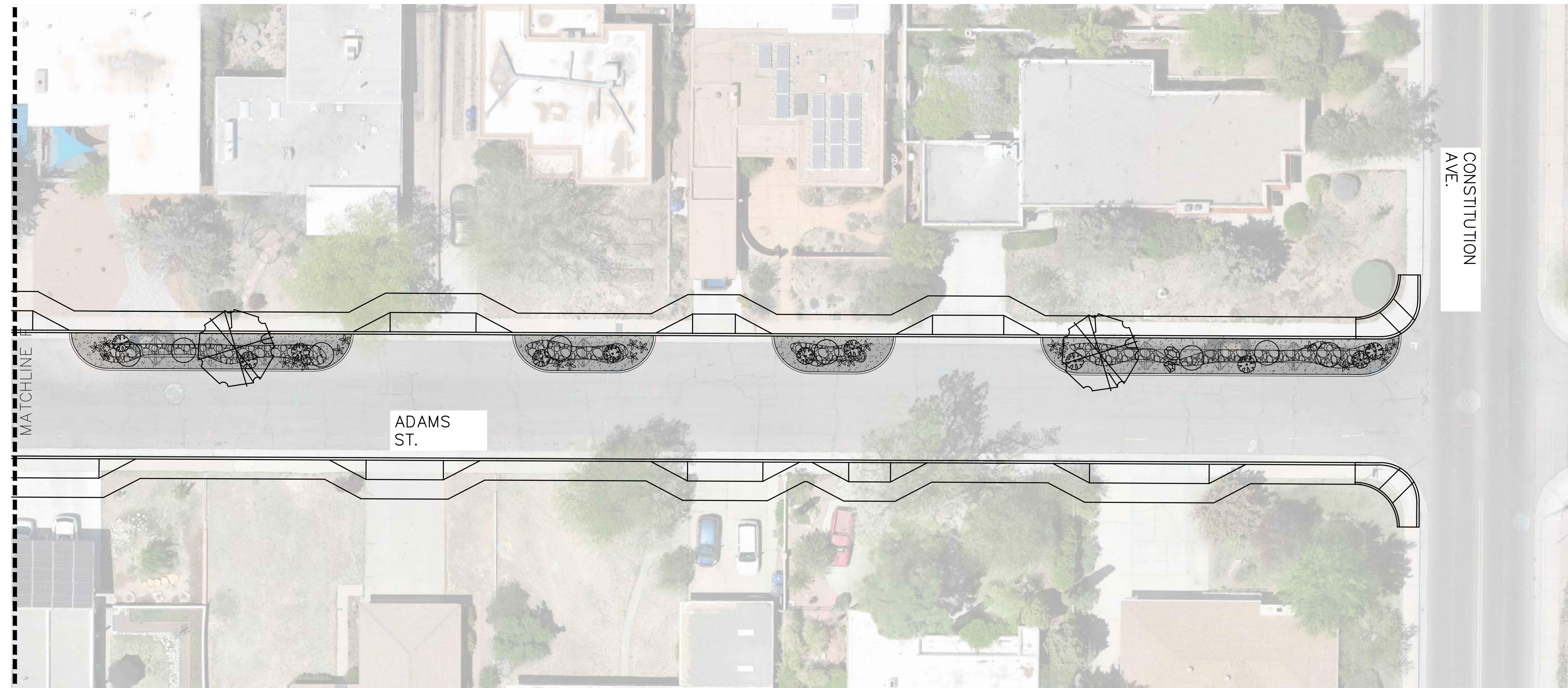


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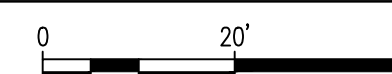




**A** PLANTING PLAN 8-7  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-7  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHILOPSIS LINEARIS
	SCREWBEAN MESQUITE	PROSOPIA PUBESCENS
	HONEY MESQUITE	PROSOPIA GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.

CONSULTANTS

BENCH MARKS

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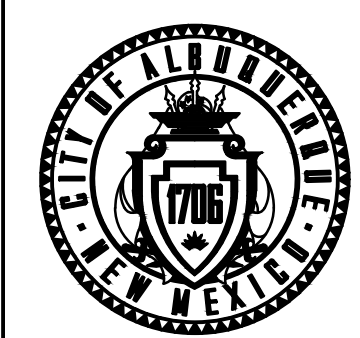
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		DATE:
		DATE:
		DATE:



CALL NM ONE-CALL SYSTEM  
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ANY EXCAVATION

DESIGNED BY:	
DRAWN BY:	LBS
CHECKED BY:	WM
DATE:	11/30/2023



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

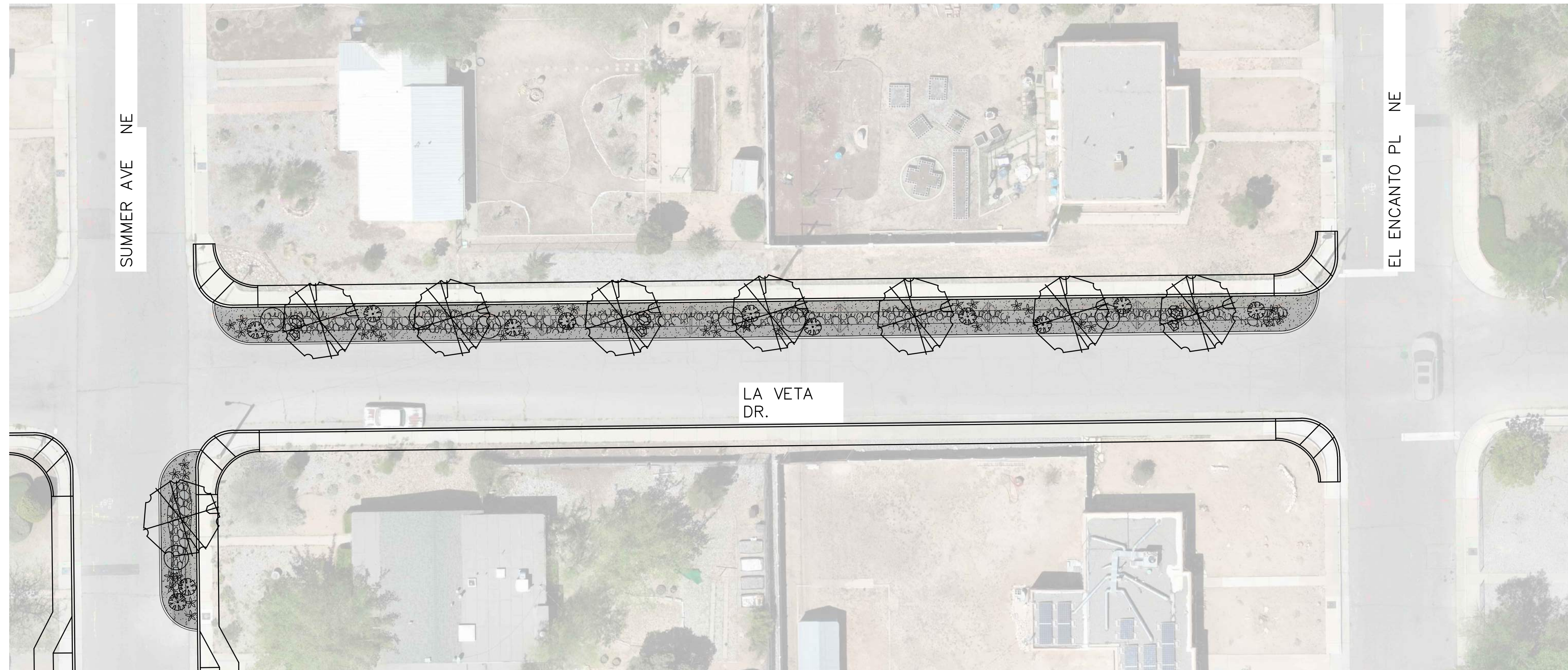
**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
PLANTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-17/18
		CITY PROJECT NO. 631594
		DWG NO. SHEET NO. 8-7 33 OF 35

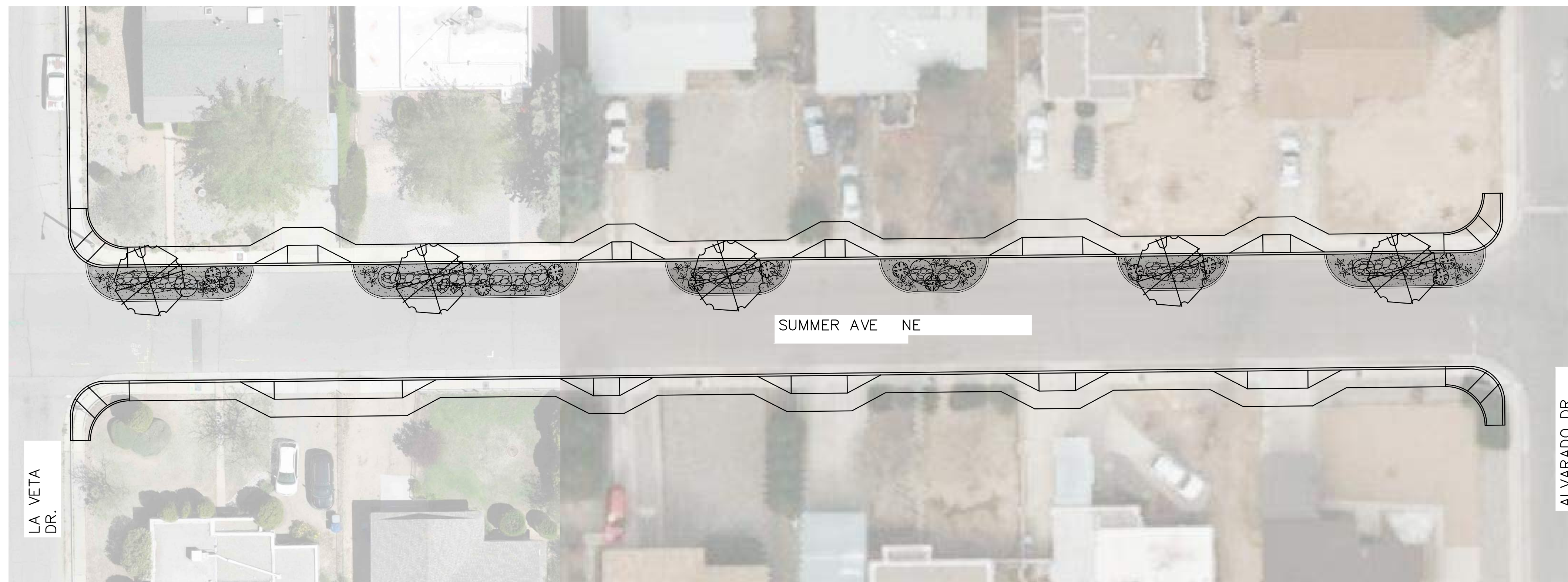
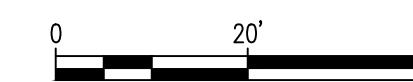




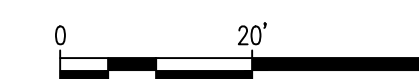




**A** PLANTING PLAN 8-9  
SCALE: 1" = 20'-0"



**B** PLANTING PLAN 8-9  
SCALE: 1" = 20'-0"



**PLANT LEGEND**

SYMBOL	COMMON NAME	BOTANICAL NAME
<b>TREES</b>		
	DESERT WILLOW	CHLOPSIS LINEARIS
	SCREWBEAN MESQUITE	PROSOPIS PUBESCENS
	HONEY MESQUITE	PROSOPIS GLANDULOSA
	GAMBEL OAK	QUERCUS GAMBELII
	DESERT LIVE OAK	QUERCUS TURBINELLA
<b>SHRUBS</b>		
	CREOSOTE BUSH	LARREA TRIDENTATA
	GREY SANTOLINA	SANTOLINA CHAMAECYPARISSUS
	FRINGED SAGE	ARTEMISIA FRIGIDA
<b>PERENNIALS</b>		
	MEXICAN BLUE SAGE	SALVIA CHAMAEDRYOIDES
	CHOCOLATE FLOWER	BERLANDIERA LYRATA
	DESERT ZINNIA	ZINNIA GRANDIFLORA
	WESTERN SANDCHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES
	NARROWLEAF PENSTEMON	PENSTEMON ANGUSTIFOLIUS
	DESERT MULE'S EAR	SCABRETHIA SCABRA
<b>DESERT ACCENTS &amp; GRASSES</b>		
	SHARKSKIN AGAVE	AGAVE SCABRA
	SOAPWEED YUCCA	YUCCA GLAUCA
	CLARET CUP CACTUS	ECHINOCERUS TRIGLOCHIDIATUS
	BROWN SPINED PRICKLY PEAR	
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM

**HATCH LEGEND**

	GRAVEL MULCH. SEE GENERAL NOTE B.
	COBBLE MULCH. SEE GENERAL NOTE C.
	BOULDERS. SEE GENERAL NOTE F.

CONSULTANTS

BENCH MARKS

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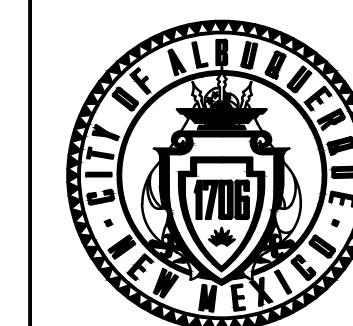
November 30, 2023

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		DATE:
		INSPECTOR'S ACCEPTANCE BY:
		DATE:
		FIELD VERIFICATION BY:
		DATE:
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		DATE:



CALL NM ONE-CALL SYSTEM  
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DESIGNED BY:	
DRAWN BY:	LBS
CHECKED BY:	WM
DATE:	11/30/2023



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

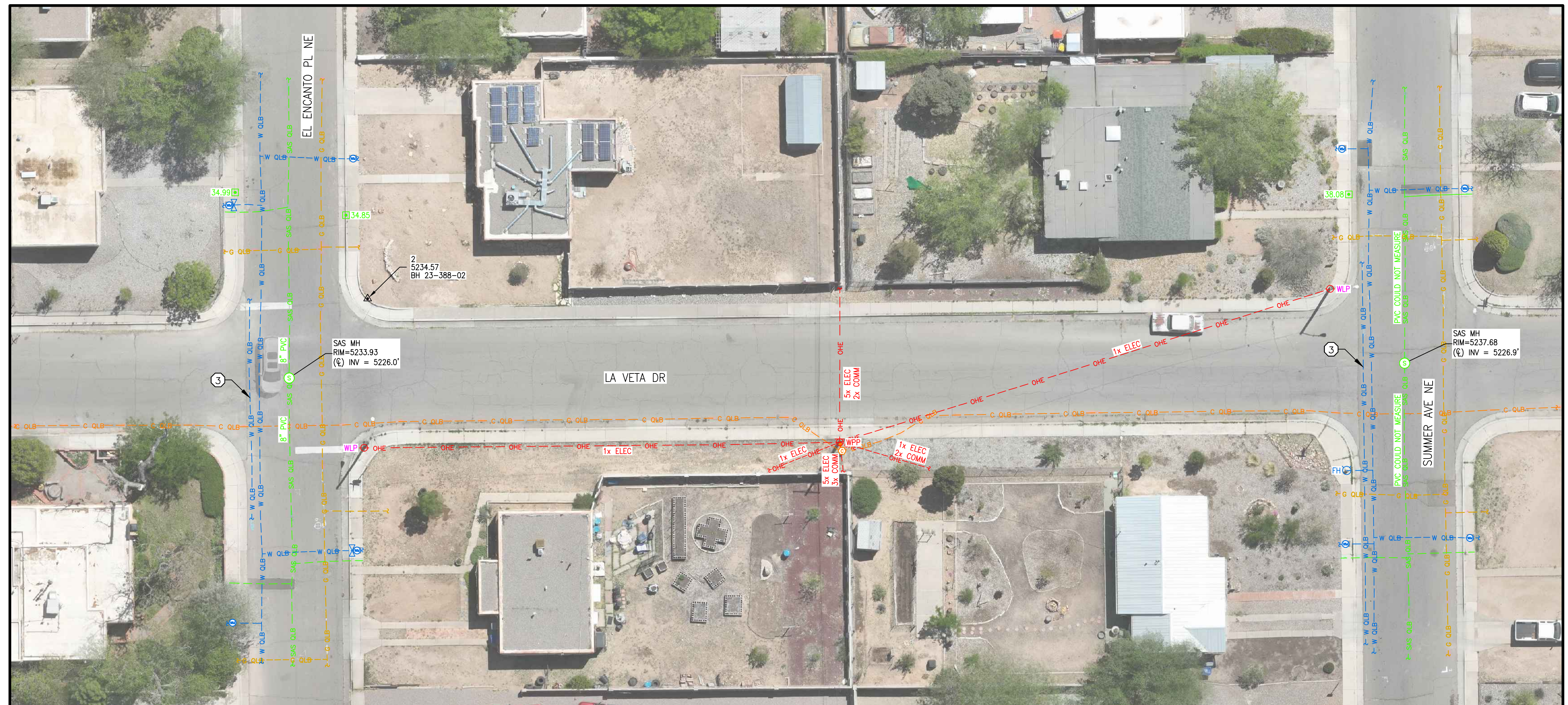
**PUEBLO ALTO MILE HI GSI PILOT PROJECT**  
PLANTING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
		J-17/18
		CITY PROJECT NO.
		631594
DWG NO.	SHEET NO.	
8-9	35 OF 35	





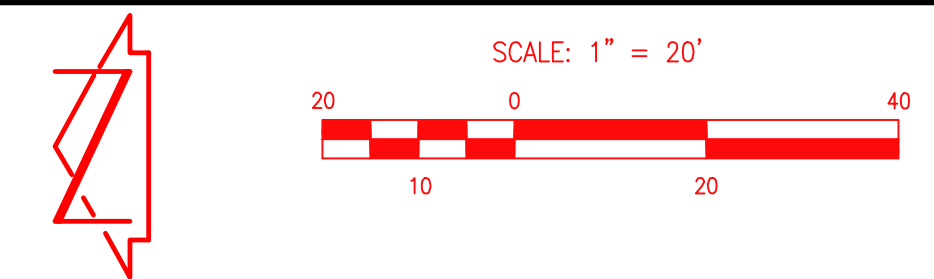
**SHEET 5A**  
SCALE 1"=20'



**SHEET 5B**  
SCALE 1"=20'

- SUBSURFACE UTILITY KEY NOTES**
- ① GAS METER WAS NOT ACCESSIBLE TO DETERMINE LOCATION OF SERVICE LATERAL. DESIGNATION IS INCOMPLETE.
  - ② LOCATION OF WATER LINE (PRESUMED TO BE PVC) COULD NOT BE DETERMINED AT THIS LOCATION WHERE SURFACE EVIDENCE WAS DISCOVERED. DESIGNATION IS INCOMPLETE.
  - ③ WATER LINE PAINT MARKS BY OTHERS. WATER LINE DESIGNATED BY HMCg SOUTH OF PAINT MARKS.
  - ④ BASE OF MANHOLE IS DIRT/CONCRETE. NO PIPELINES WERE OBSERVED.
  - ⑤ STORM DRAIN DROP INLETS HAS BEEN REMOVED AND THE PIPELINE HAS BEEN CAPPED AT THIS POINT.
  - ⑥ OBSERVED A SINGLE PIPELINE CONTINUING SOUTH FROM STORM DRAIN DROP INLET. PIPELINE WAS FULL OF SILT AND DEBRIS. DESIGNATION IS INCOMPLETE.

File Name: P:\data\2023\03\015\_1\SUBJ\20230151\_TOPO.dwg - SHS Plot Date: 5/22/23 Plot Time: 11:26



**UTILITY SURVEY  
PUEBLO ALTO GSI  
ALBUQUERQUE, NM**

SURVEYED BY: M.V.Z.  
DRAWN BY: A.J.P.  
APPROVED BY: C.G.C.

NO.	DATE	BY	REVISIONS

JOB NO. **2023.015.1**  
DATE **05-2023**  
SHEET **5** OF **5**