

CONSTRUCTION PLANS
FOR
AMOLE SANITARY SEWER INTERCEPTOR
ALBUQUERQUE, NEW MEXICO

RECORD DRAWINGS

INDEX

SHEET NO.	DESCRIPTION
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11	MISCELLANEOUS DETAILS

AMAFCA GENERAL NOTES:

- AMAFCA'S FIELD ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY WORK WITHIN THE AMAFCA RIGHT-OF-WAY OR EASEMENT AT 884-2215.
- NO WORK WILL BE PERFORMED IN THE AMAFCA RIGHT-OF-WAY OR EASEMENT BETWEEN MAY 15 AND OCTOBER 15 WITHOUT WRITTEN PERMISSION FROM AMAFCA.
- ALL SUBGRADE, BACKFILL, AND EMBANKMENT SHALL BE COMPACTED TO 90% (MODIFIED PROCTOR) WITHIN THE AMAFCA RIGHT-OF-WAY OR EASEMENT. TESTING REPORTS SHALL BE PROVIDED TO AMAFCA.
- CERTIFIED AS-BUILT PLANS MUST BE SUBMITTED TO AMAFCA FOR THE CONSTRUCTION WITHIN AMAFCA'S RIGHT-OF-WAY.
- AMAFCA'S FIELD ENGINEER WILL BE NOTIFIED 48 HOURS PRIOR TO FINAL INSPECTION OF ANY FACILITIES WITHIN THE AMAFCA RIGHT-OF-WAY OR EASEMENT.
- ALL DISTURBED GROUND AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SECTION 1012 NATIVE GRASS SEEDING, AS CURRENTLY UPDATED.
- ANY EXISTING SURVEY CONTROL MONUMENTS THAT ARE MOVED OR DESTROYED AS A RESULT OF THE CONSTRUCTION SHALL BE REPLACED BY A LICENSED SURVEYOR AT THE OWNER'S EXPENSE.
- CONTRACTOR SHALL CONTACT AMAFCA FOR A TEMPORARY CONSTRUCTION LICENSE AND PROVIDE PROOF OF APPROPRIATE NEW MEXICO CONTRACTOR'S LICENSE PRIOR TO CONSTRUCTION.

APPROVED FOR CONSTRUCTION WITHIN AMAFCA RIGHT-OF-WAY / EASEMENT:

James M. Magan 1-8-14
(FOR AMAFCA) DATE

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

Timothy Aldrich 05/22/14
P.S. No. 7719 Date



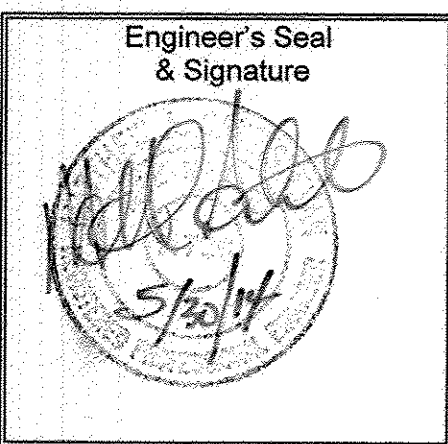
CONSTRUCTION NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT EASEMENT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR PER PLAN.
- THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, DMD CONSTRUCTION COORDINATION DIVISION, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
- WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

- AN SO 19 PERMIT IS REQUIRED TO PLACE ANY MATERIAL ON OR AROUND A STORM DRAIN INLET IN THE CITY RIGHT-OF-WAY THAT WOULD INTERFERE WITH THE INLET RECEIVING STORM WATER PER THE ENGINEER'S DESIGN. CITY PERSONNEL MAY REMOVE THIS MATERIAL AT ANY TIME WITHOUT NOTICE. THE PREFERRED BMP IS TO REMOVE SEDIMENT/POLLUTANTS ON THE PROPERTY WHERE CONSTRUCTION ACTIVITY IS OCCURRING.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- GRADING/EARTHWORK IS INCIDENTAL TO TRENCHING QUANTITY/ITEM.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Matthew A. Santistevan of the firm of Bohannon
Huston, Inc., a Registered Professional Engineer in the
State of New Mexico, do hereby certify, to the best of my
knowledge and belief, that the infrastructure installed as
shown on these drawings (Amole Sanitary Sewer
Interceptor) has been inspected by me or by a qualified
person under my direct supervision and has been
constructed in accordance with the plans and
specifications and that the original design intent of the
approved plans has been met, except as noted by me on the
as-built construction drawings. This Certification is
based on site inspections by me or personnel under my
direction and survey information provided by the
contractor, Sundance Mechanical & Utility and their
surveyor, Timothy Aldrich, P.S. No. 7719.

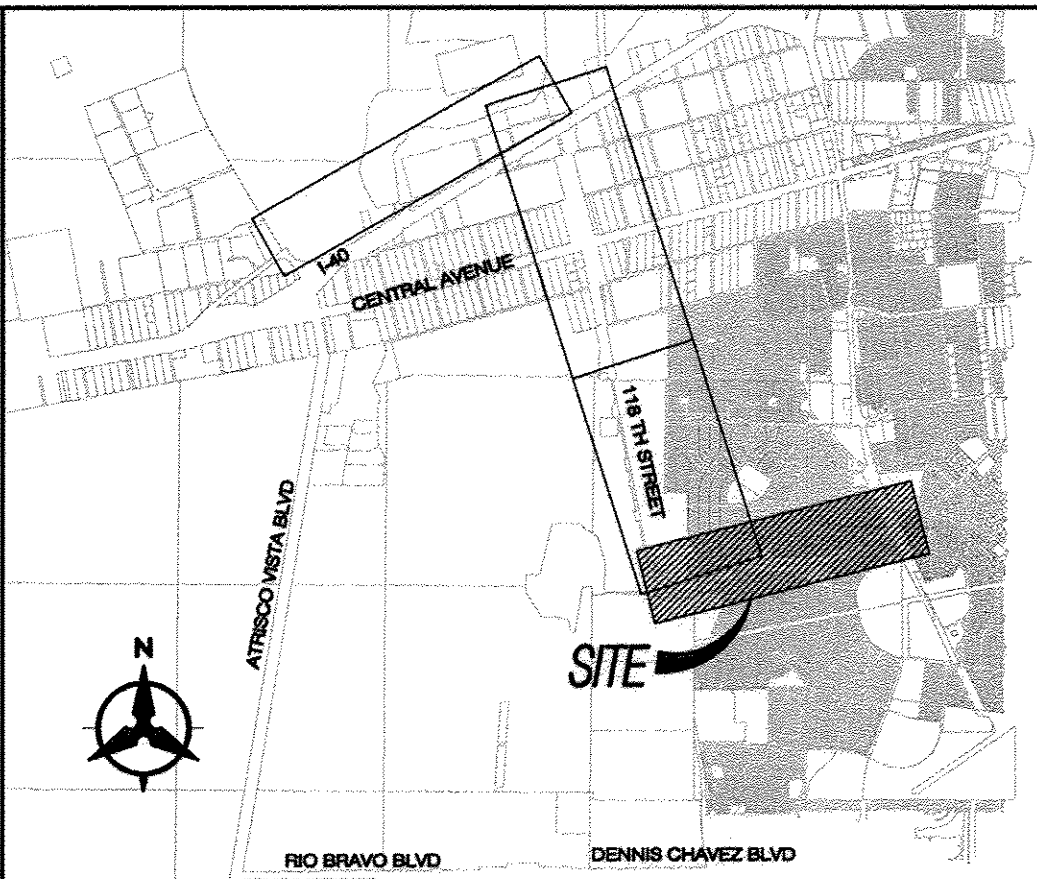


ABCMJA RECORD DRAWING APPROVAL

DATE

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Matthew A. Santistevan
DATE: 10/29/15

Bohannon Huston



VICINITY MAP
M8 - M9

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMITS WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY/COUNTY/NDOT RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO 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. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL RECORD DATA ON ALL EXISTING AND NEW UTILITY LINES AND ACCESSORIES AS REQUIRED BY ABCMJA FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT <http://abcwua.org/content/view/full/463/729/>.

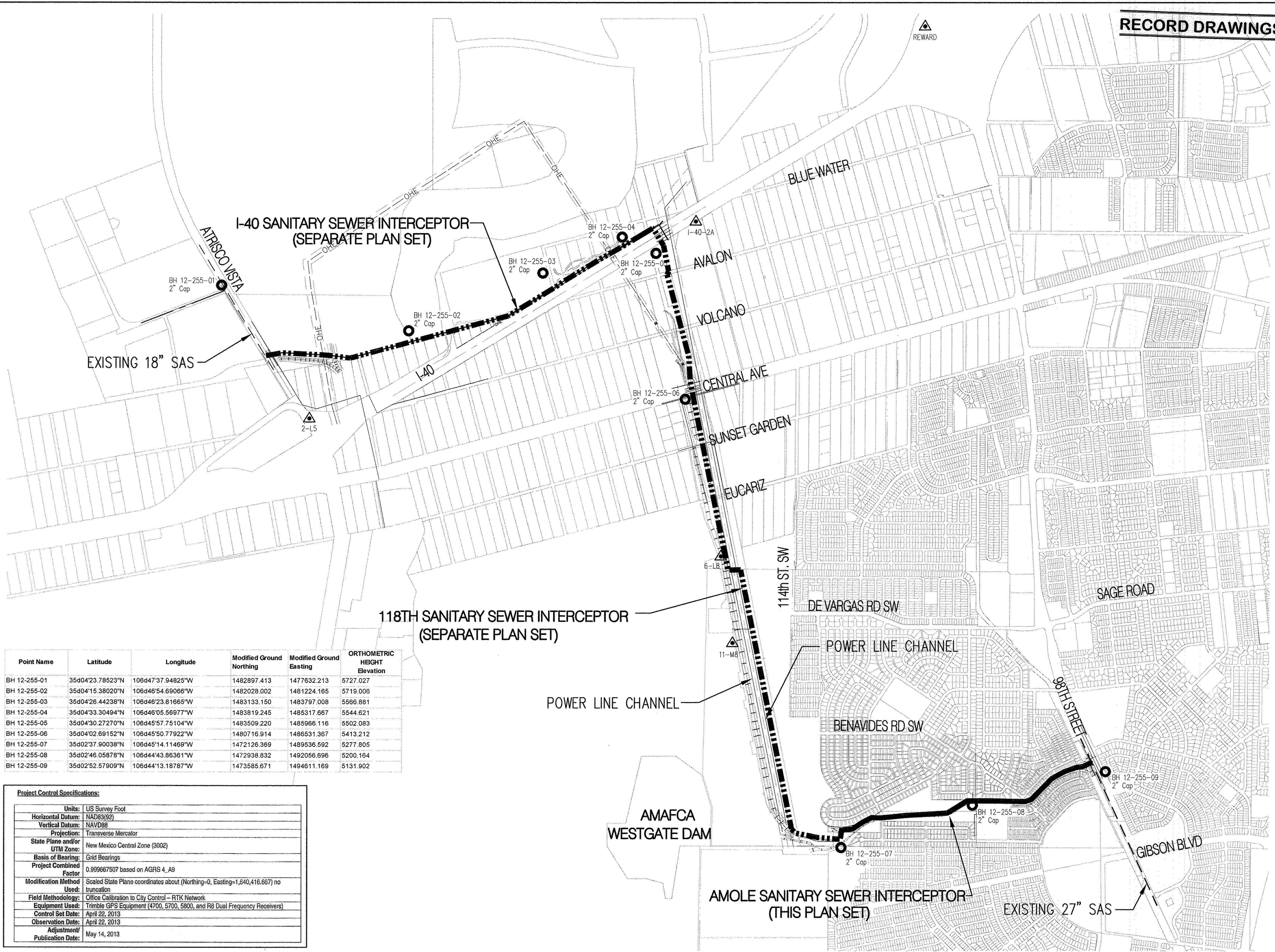
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

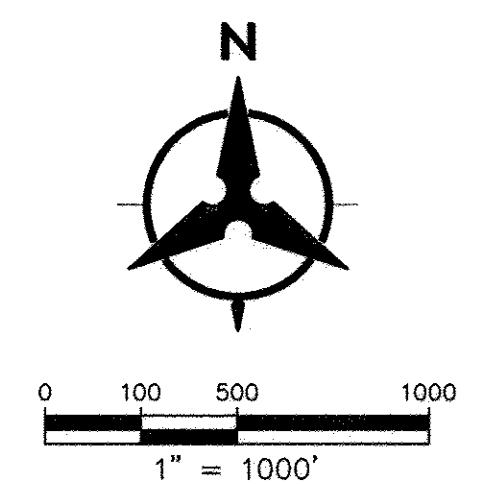
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		<i>Matthew A. Santistevan</i>		1-23-14	
		Transportation		<i>Matthew A. Santistevan</i>		1-23-14	
		Water/Wastewater		<i>Matthew A. Santistevan</i>		1/23/14	
		Hydrology		<i>Matthew A. Santistevan</i>		1-23-14	
		Const. Coord.		<i>Matthew A. Santistevan</i>		1-23-14	
City Project No.		727487		Sheet		Of	
				1		11	

BHI JOB NO. 20120255

MARCH 2013



RECORD DRAWINGS



- LEGEND
- △ ACS BENCHMARK REFERENCED IN BH CONTROL REPORT
 - BH CONTROL POINT

Point Name	Latitude	Longitude	Modified Ground Northing	Modified Ground Easting	ORTHOMETRIC HEIGHT Elevation
BH 12-255-01	35d04'23.78523"N	106d47'37.94825"W	1482897.413	1477632.213	5727.027
BH 12-255-02	35d04'15.38020"N	106d46'54.69066"W	1482028.002	1481224.165	5719.006
BH 12-255-03	35d04'26.44238"N	106d46'23.81665"W	1483133.150	1483797.008	5566.881
BH 12-255-04	35d04'33.30494"N	106d46'05.56977"W	1483819.245	1485317.667	5544.621
BH 12-255-05	35d04'30.27270"N	106d45'57.75104"W	1483509.220	1485966.116	5502.083
BH 12-255-06	35d04'02.89152"N	106d45'50.77922"W	1480716.914	1486531.367	5413.212
BH 12-255-07	35d02'37.90038"N	106d45'14.11469"W	1472126.369	1489536.592	5277.805
BH 12-255-08	35d02'46.05878"N	106d44'43.96361"W	1472938.832	1492056.696	5200.164
BH 12-255-09	35d02'52.57909"N	106d44'13.18787"W	1473585.671	1494611.169	5131.902

Project Control Specifications:	
Units:	US Survey Foot
Horizontal Datum:	NAD83(92)
Vertical Datum:	NAVD88
Projection:	Transverse Mercator
State Plane and/or UTM Zone:	New Mexico Central Zone (3002)
Basis of Bearing:	Grid Bearings
Project Combined Factor:	0.999667507 based on AGRS 4, A9
Modification Method Used:	Scated State Plane coordinates about (Northing=0, Easting=1,640,416.667) no truncation
Field Methodology:	Office Calibration to City Control - RTK Network
Equipment Used:	Trimble GPS Equipment (4700, 5700, 5800, and R8 Dual Frequency Receivers)
Control Set Date:	April 22, 2013
Observation Date:	April 22, 2013
Adjustment:	
Publication Date:	May 14, 2013

NOTE:
For more detailed information refer to "Control Surveying Report for WALH SAS", dated May 14, 2013. (Prepared by: Bohannon-Huston Inc.)

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	USC&GS BRASS TABLET STAMPED "REWARD"	DATE	FIELD NOTES	NO.		By
WORK STAMPED BY	DATE	GEOGRAPHIC POSITION (NAD 83)	BY	NO.	REMARKS		
APPROVED BY	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)			DESIGN		
FIELD CHECKED BY	DATE	X = 1,491,190.819 Y = 1,487,364.063			REVISIONS		
		GROUND-TO-GRID FACTOR = 0.999675005				DATE: 5/2013	DATE: 5/2013
		Δg = -00'17"12.26"				Designed By: CJS	Drawn By: BJS
		NAVD 1988 ELEVATION = 5319.691				Checked By: CJS	

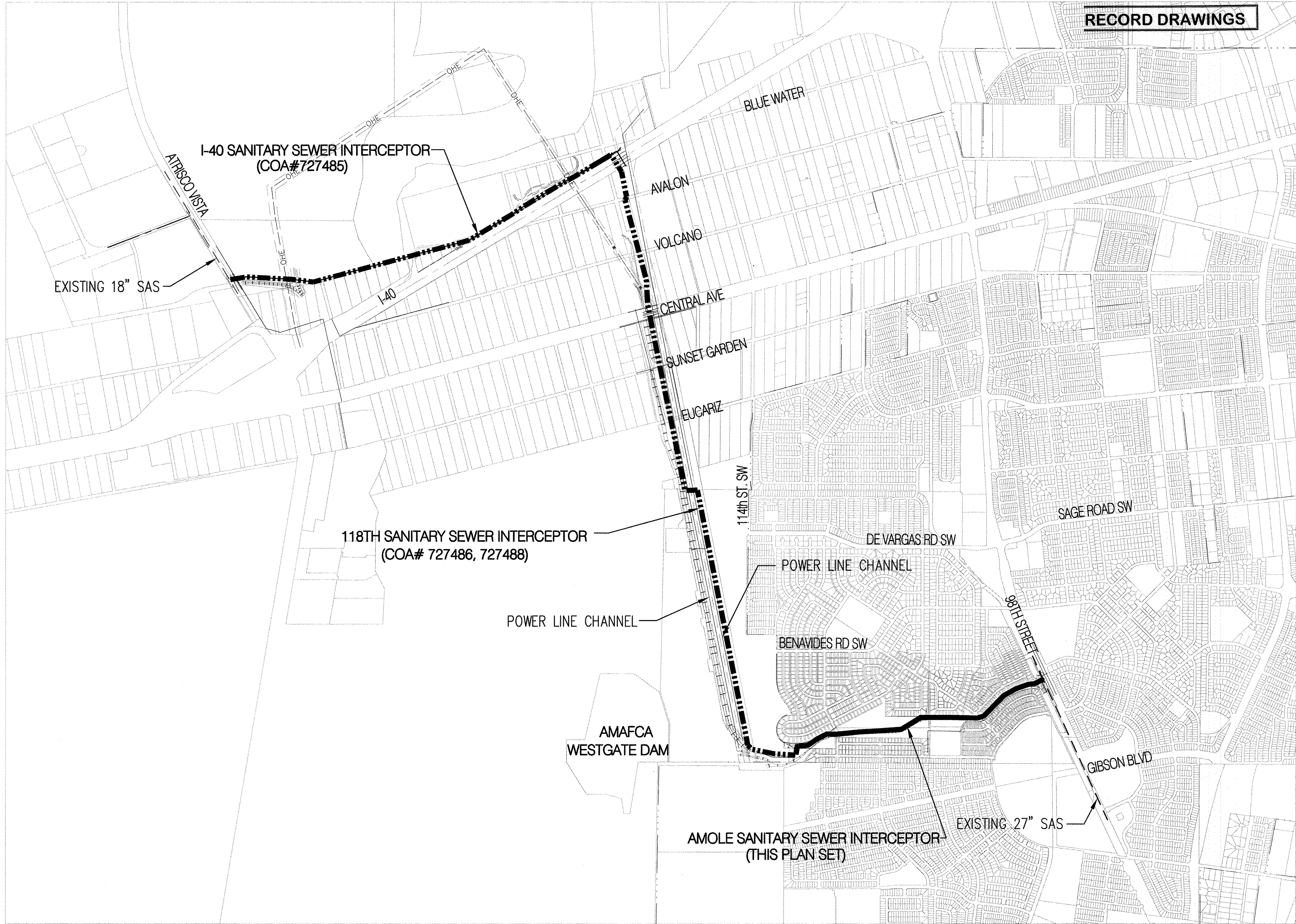
Bohannon & Huston

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

AMOLE SANITARY SEWER INTERCEPTOR SURVEY CONTROL

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Last Design Update			

City Project No.	Zone Map No.	Sheet	Of
727487	K7,L7,L8,M8	2	11



RECORD DRAWINGS

- GENERAL NOTES
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
 3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND E.M.S. AT THE END OF SANITARY SEWER STUBS.
 5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL DAMAGED EXISTING UTILITY CONDUITS AND EXISTING LINES.
 6. CONTRACTOR SHALL AIR TEST AND VIDEO NEW SEWER LINE PER THE STD. SPECIFICATIONS PRIOR TO ACCEPTANCE.
 7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, LANDSCAPING, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
 10. SAS STATIONING FOLLOWS CL OF PIPE UNLESS OTHERWISE NOTED.
 11. AT UTILITY CROSSINGS WHERE LESS THAN 1 FOOT OF SEPARATION IS PRESENT, LEAN TELL IS TO BE USED FOR A DISTANCE OF 5 FEET ON EACH SIDE OF THE NEW PIPE CROSSING.
 12. PRIOR TO TESTING, CONTRACTOR SHALL PROVIDE A TESTING PLAN TO THE INSPECTOR FOR REVIEW AND APPROVAL.
 13. FINISHED GROUND PROFILE SHALL BE WITH $\pm 2'$ OF EXISTING GROUND PROFILE UNLESS OTHERWISE INDICATED. EXISTING DRAINAGE PATTERNS SHALL NOT BE ALTERED.

LEGEND

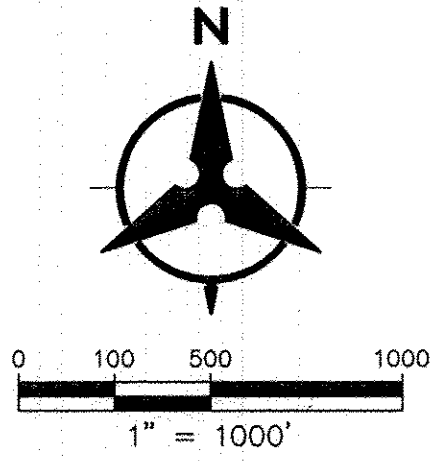
---	PROPERTY LINE
---	NEW EASEMENT
---	SAS
---	EXISTING SANITARY SEWER
---	EXISTING WATER LINE
---	EXISTING STORM DRAIN
---	EXISTING WATER METER
---	EXISTING CAP
---	EXISTING VALVE
---	EXISTING FIRE HYDRANT
---	EXISTING SANITARY SEWER MANHOLE
---	EXISTING STORM DRAIN
---	PROPOSED SANITARY SEWER
---	PROPOSED WATER LINE
---	PROPOSED VALVE
---	PROPOSED HYDRANT
---	PROPOSED CAP
---	PROPOSED WATER METER
---	PROPOSED SANITARY SEWER MANHOLE
---	PROPOSED STORM DRAIN

Bohannon & Huston

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

AMOLE SANITARY SEWER INTERCEPTOR
OVERALL PROJECT PHASING LAYOUT

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE JAN 23 2014 DESIGN REVIEW COMMITTEE	APPROVE JAN 23 2014 CITY ENGINEER			
City Project No.	Zone Map No.	Sheet	Of	
727487	K7,L7,L8,M8	3	11	





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December 23, 2013 - 10:43am

RECORD DRAWINGS

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
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6. CONTRACTOR SHALL AIR TEST AND VIDEO NEW SEWER LINE PER THE STD. SPECIFICATIONS PRIOR TO ACCEPTANCE.
7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, LANDSCAPING, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
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LEGEND

- | | |
|-----|---------------------------------|
| --- | PROPERTY LINE |
| --- | NEW EASEMENT |
| --- | SAS |
| --- | EXISTING SANITARY SEWER |
| --- | EXISTING WATER LINE |
| --- | EXISTING STORM DRAIN |
| --- | EXISTING WATER METER |
| --- | EXISTING CAP |
| --- | EXISTING VALVE |
| --- | EXISTING FIRE HYDRANT |
| --- | EXISTING SANITARY SEWER MANHOLE |
| --- | EXISTING STORM DRAIN |
| --- | PROPOSED SANITARY SEWER |
| --- | PROPOSED WATER LINE |
| --- | PROPOSED VALVE |
| --- | PROPOSED HYDRANT |
| --- | PROPOSED CAP |
| --- | PROPOSED WATER METER |
| --- | PROPOSED SANITARY SEWER MANHOLE |
| --- | PROPOSED STORM DRAIN |

Bohannon & Huston



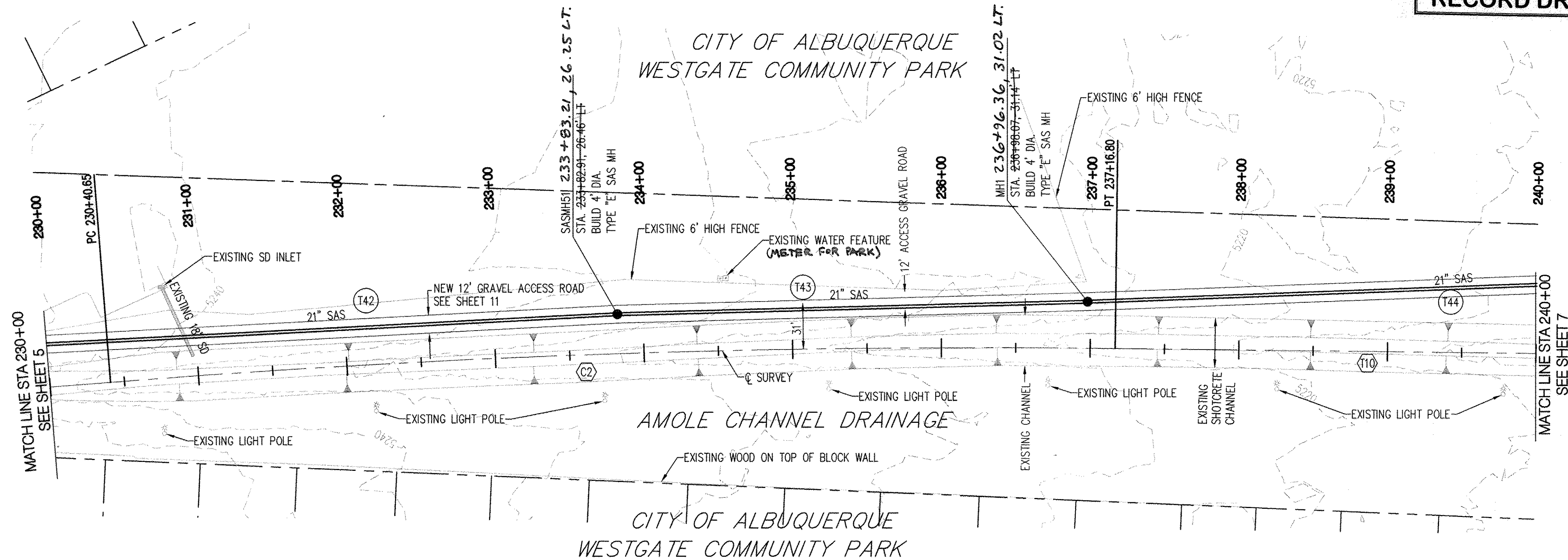
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**AMOLE SANITARY SEWER INTERCEPTOR
OVERALL INTERCEPTOR SHEET INDEX**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 23 2014 DESIGN REVIEW COMMITTEE	APPROVED JAN 23 2014 CITY ENGINEER		
Last Design Update:			

City Project No.	Zone Map No.	Sheet	Of
727487	K7,L7,L8,M8	4	11

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	USC&GS BRASS TABLET STAMPED "REWARD"	DATE	NO.	BY		REVISIONS
WORK STAGED BY	DATE	GEOGRAPHIC POSITION (NAD 83)					
RELIEVED BY	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)					
REVISIONS	DATE	X = 1,491,190.819 Y = 1,487,364.063					
MICROFILM INFORMATION		GROUND-TO-GRID FACTOR = 0.999675005		RECORDED BY		DESIGNED BY: CJS	DATE: 5/2013
		DATE		NO.		DRAWN BY: BJS	DATE: 5/2013
						CHECKED BY: CJS	DATE: 5/2013



SAS Tangent Table		
ID	BEARING	LENGTH
T42	S84°21'54\"	485.38'
T43	S86°54'59\"	316.42'
T44	S86°43'40\"	486.35'

CL Tangent Table		
ID	BEARING	LENGTH
T10	N88°43'31\"	351.93'

CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C2	676.15'	7335.00'	05°16'54\"	338.31'

STA. 230+00 TO STA. 240+00

RECORD DRAWINGS

GENERAL NOTES

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- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL DAMAGED EXISTING UTILITY CONDUITS AND EXISTING LINES.
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- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
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LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE SHUTOFF VALVE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE

AS-BUILT LOCATION OF MANHOLES & VALVES

VALVE / MH	NORTHING	EASTING
MH 51	1472736.57	1490776.13
MH 1	1472755.91	1491089.92

NOTE: TO BE COMPLETED BY CONTRACTOR PRIOR TO ACCEPTANCE

Bohannon & Huston

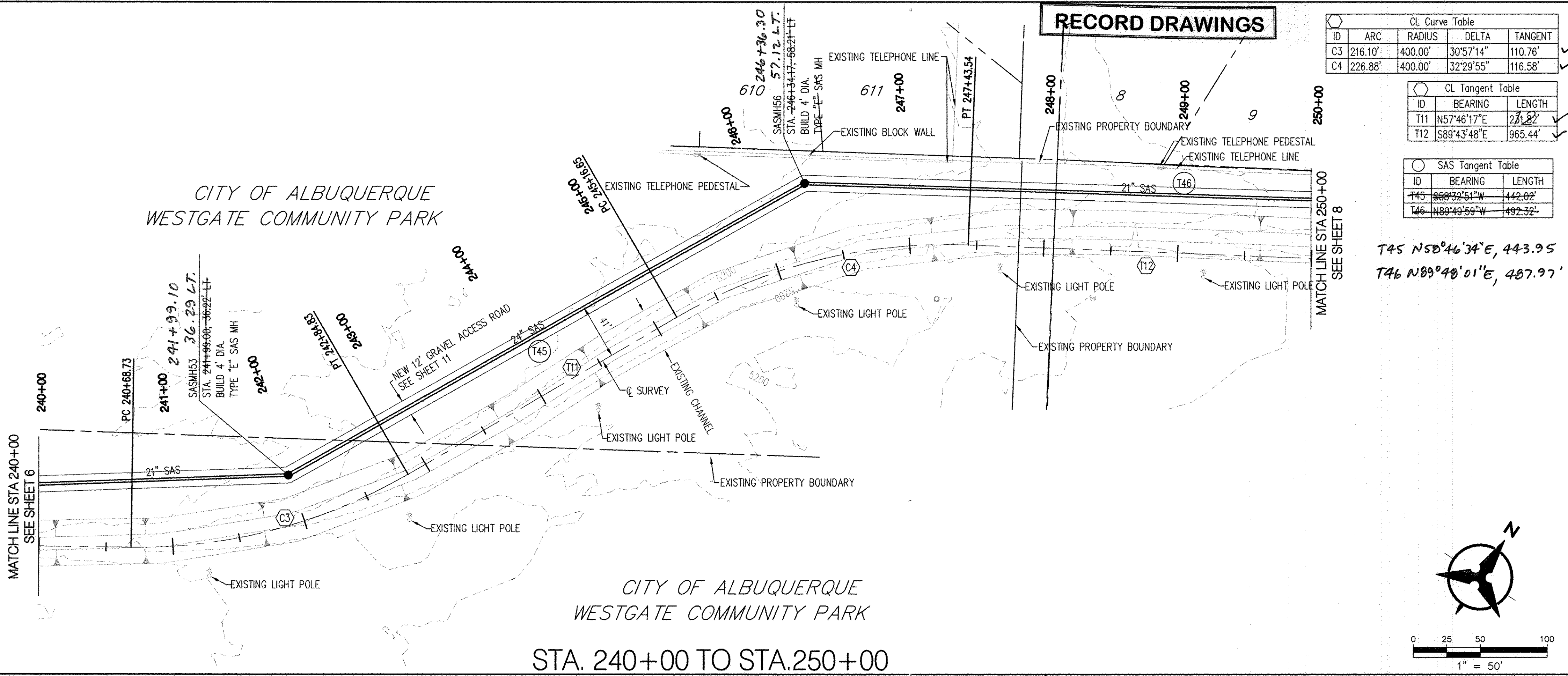


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

AMOLE SANITARY SEWER INTERCEPTOR
PLAN AND PROFILE
STA. 230+00 TO STA. 240+00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 23 2014	APPROVED JAN 23 2014		

City Project No. 727487
Zone Map No. M8, M9
Sheet 6 of 11



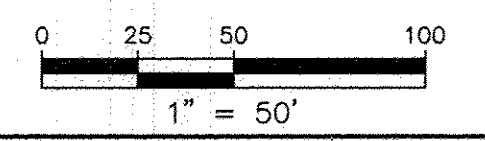
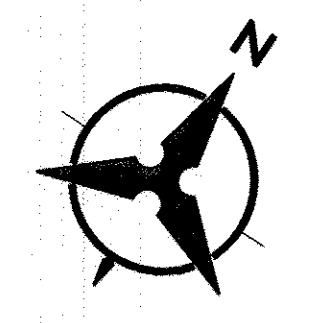
RECORD DRAWINGS

ID	ARC	RADIUS	DELTA	TANGENT
C3	216.10'	400.00'	30°57'14"	110.76'
C4	226.88'	400.00'	32°29'55"	116.58'

ID	BEARING	LENGTH
T11	N57°46'17"E	271.82'
T12	S89°43'48"E	965.44'

ID	BEARING	LENGTH
T45	S89°43'48"E	442.02'
T46	N89°43'48"E	492.32'

T45 N50°46'34"E, 443.95'
T46 N89°43'48"E, 487.97'



GENERAL NOTES

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LEGEND

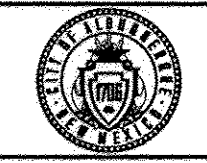
- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE SHUTOFF VALVE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE

"AS-BUILT" LOCATION OF MANHOLES & VALVES

VALVE / MH	NORTHING	EASTING
MH53	1472.791.22	1491.578.17
MH56	1473.021.36	1491.957.81

NOTE: TO BE COMPLETED BY CONTRACTOR PRIOR TO ACCEPTANCE

Bohannon & Huston

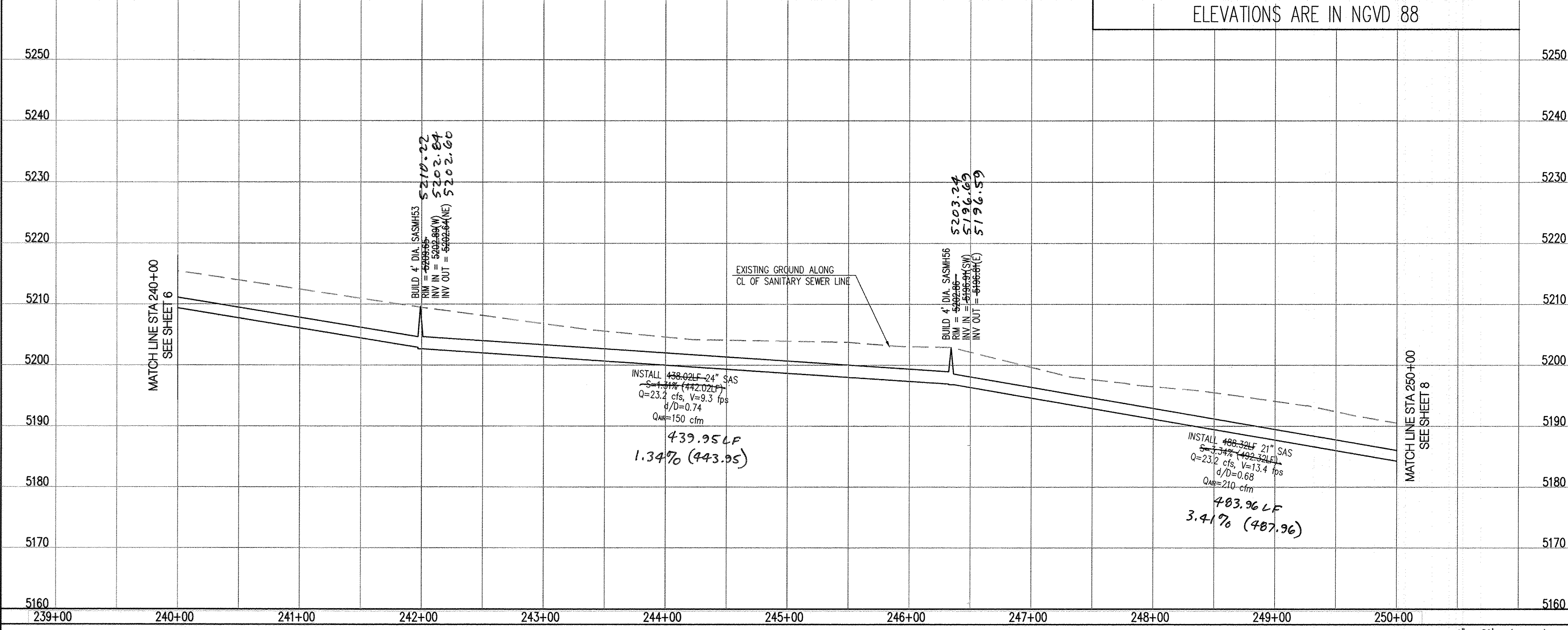


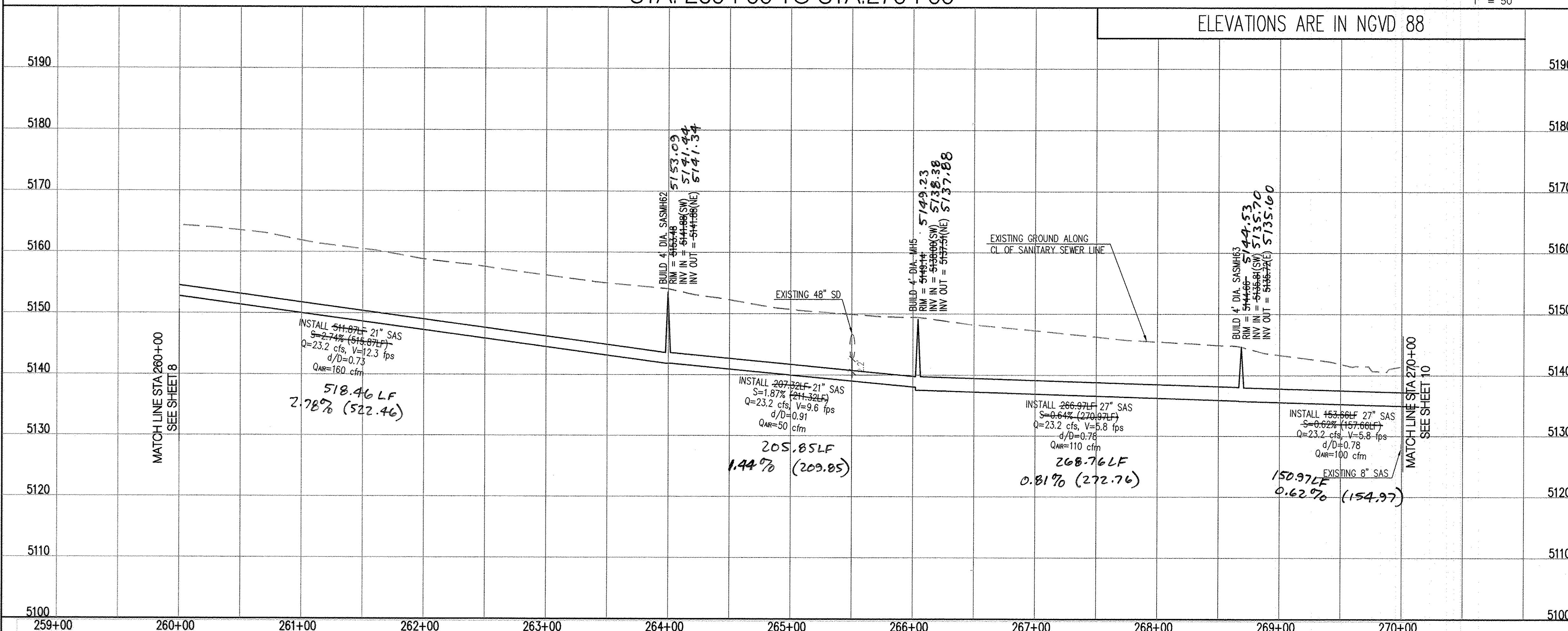
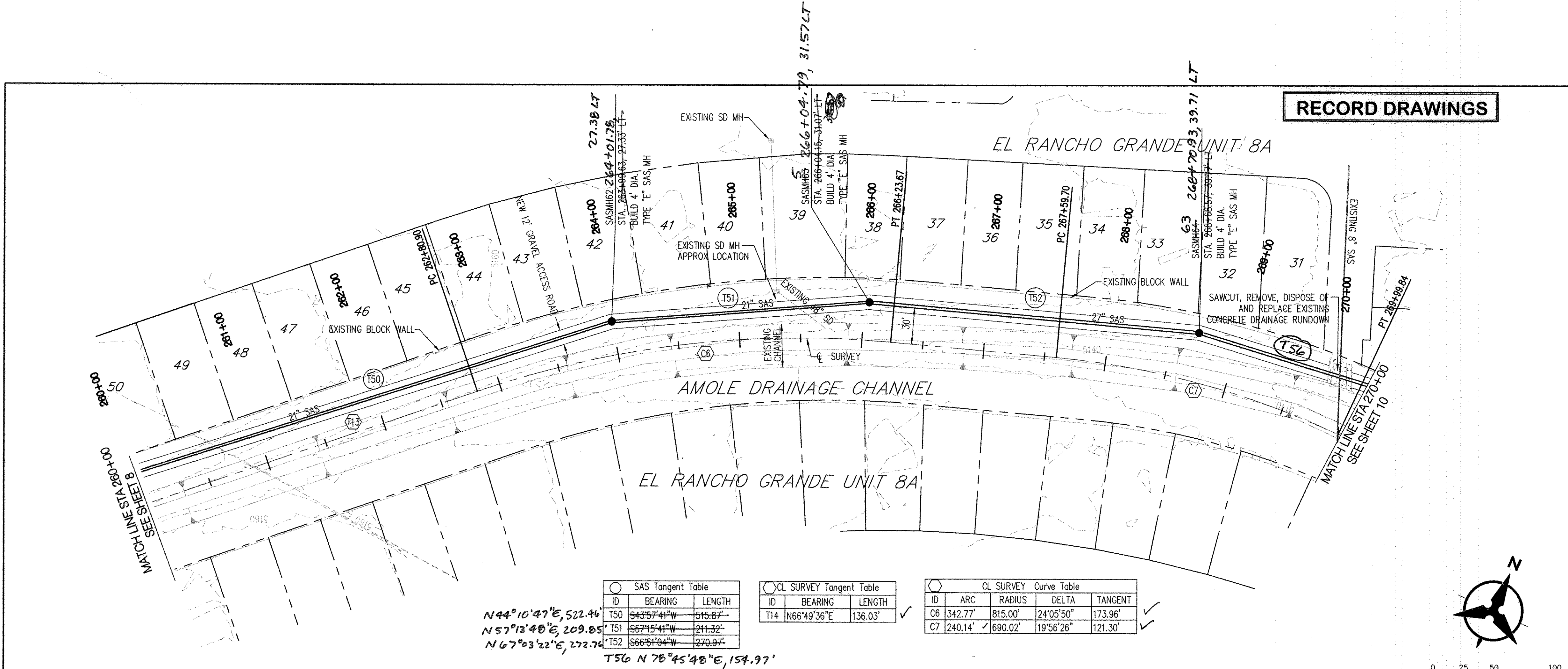
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

AMOLE SANITARY SEWER INTERCEPTOR
PLAN AND PROFILE
STA. 240+00 TO STA. 250+00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 23 2014 DESIGN REVIEW COMMITTEE	APPROVED JAN 23 2014 CITY ENGINEER		

City Project No.	Zone Map No.	Sheet	Of
727487	M8, M9	7	11





GENERAL NOTES

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- EXISTING WATER VALVE

AS-BUILT LOCATION OF MANHOLES & VALVES

VALVE / MH	NORTHING	EASTING
MH62	1473423.08	1493549.52
MH65	1473537.46	1493725.97
MH63	1473643.79	1493977.15

NOTE: TO BE COMPLETED BY CONTRACTOR PRIOR TO ACCEPTANCE

Bohannon & Huston

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

AMOLE SANITARY SEWER INTERCEPTOR
PLAN AND PROFILE
STA. 260+00 TO STA. 270+00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

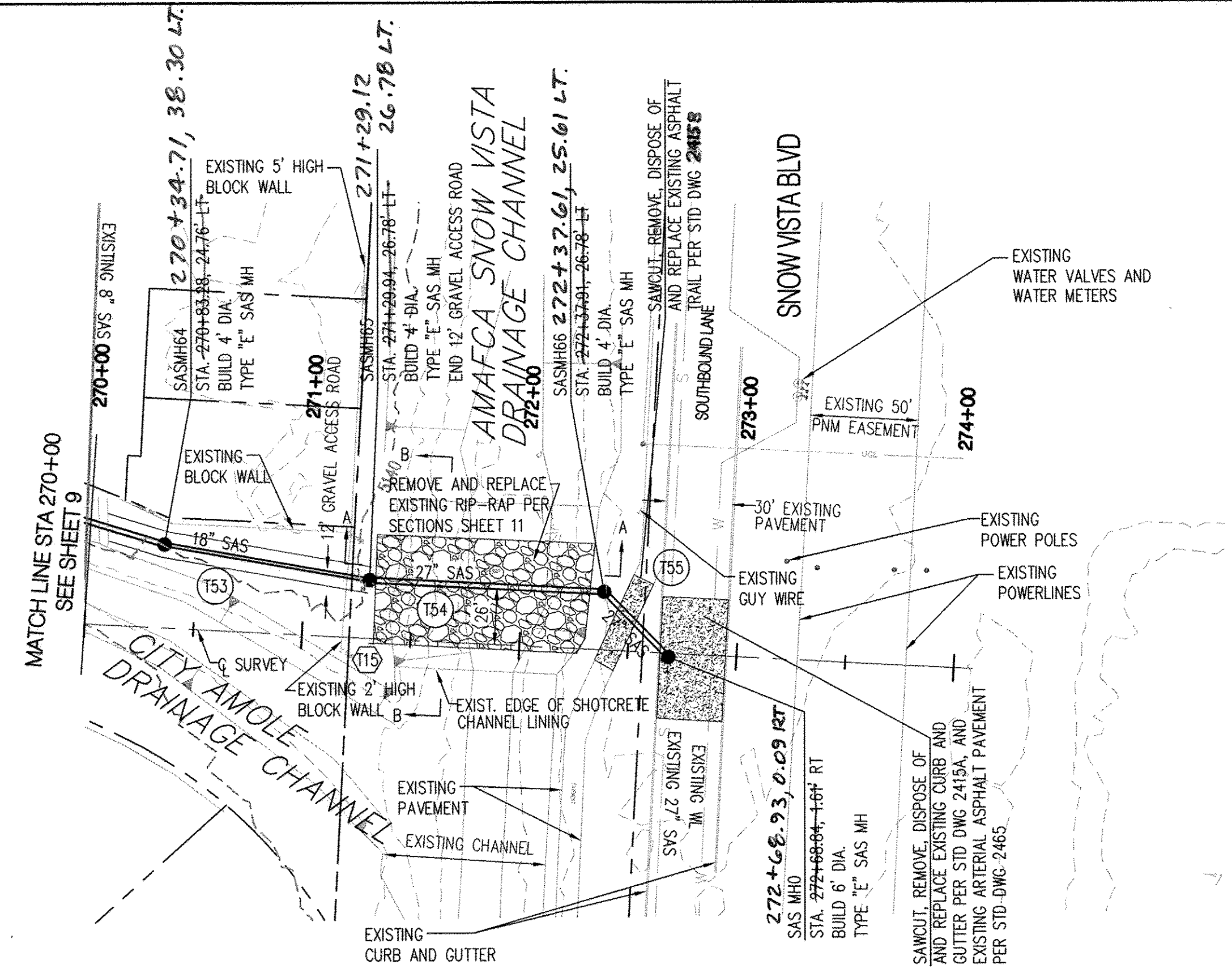
City Project No.	Zone Map No.	Sheet	Of
727487	M8, M9	9	11

RECORD DRAWINGS

N 71°39'32"E, 95.11'
N 65°10'55"E, 108.49'
S 75°55'27"E, 40.52'

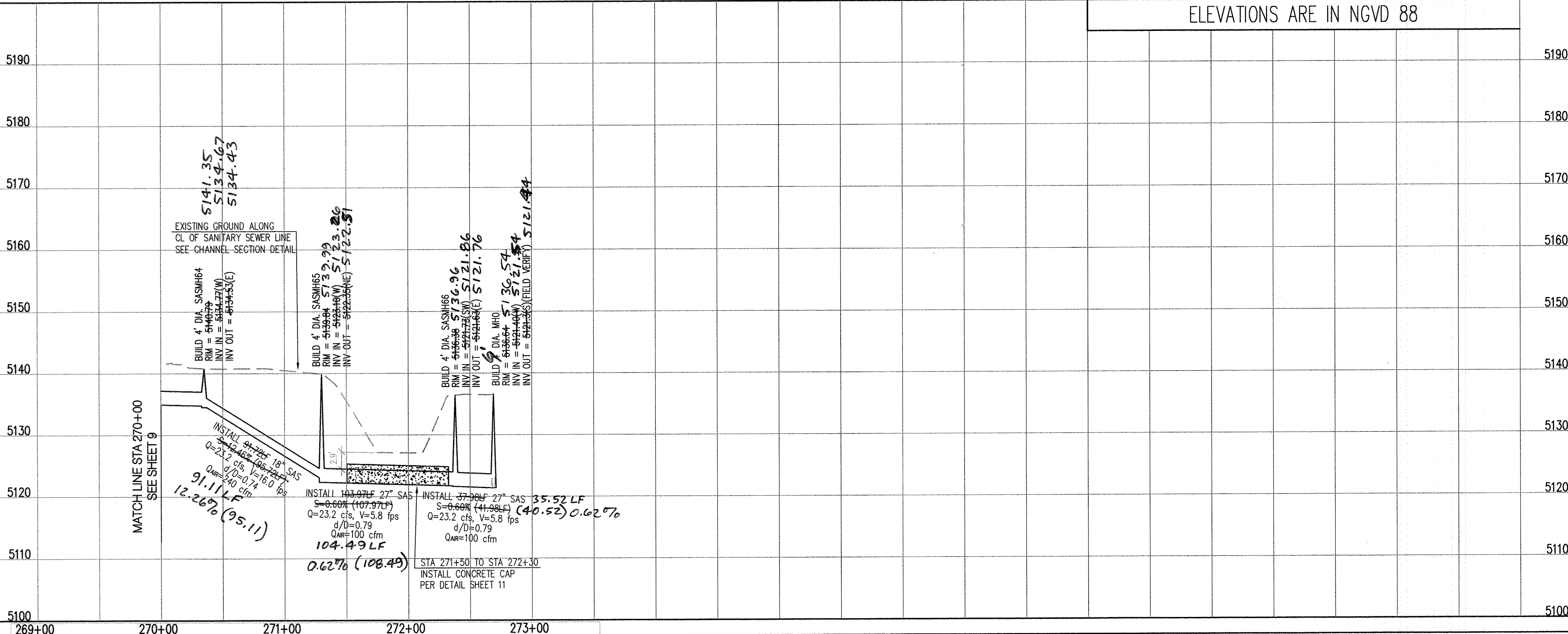
ID	BEARING	LENGTH
T53	S 71°38'54"W	95.72'
T54	S 64°42'06"W	107.97'
T55	N 72°45'16"W	41.98'

ID	BEARING	LENGTH
T15	N 64°42'04"E	458.76'



STA. 270+00 TO EOP

ELEVATIONS ARE IN NGVD 88



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"AS-BUILT" LOCATION OF MANHOLES & VALVES

VALVE / MH	NORTHING	EASTING
MH 64	1473673.99	1494129.15
MH 65	1473703.92	1494219.43
MH 66	1473749.23	1494318.01
MH 67	1473739.37	1494357.32

NOTE: TO BE COMPLETED BY CONTRACTOR PRIOR TO ACCEPTANCE

Bohannon & Huston

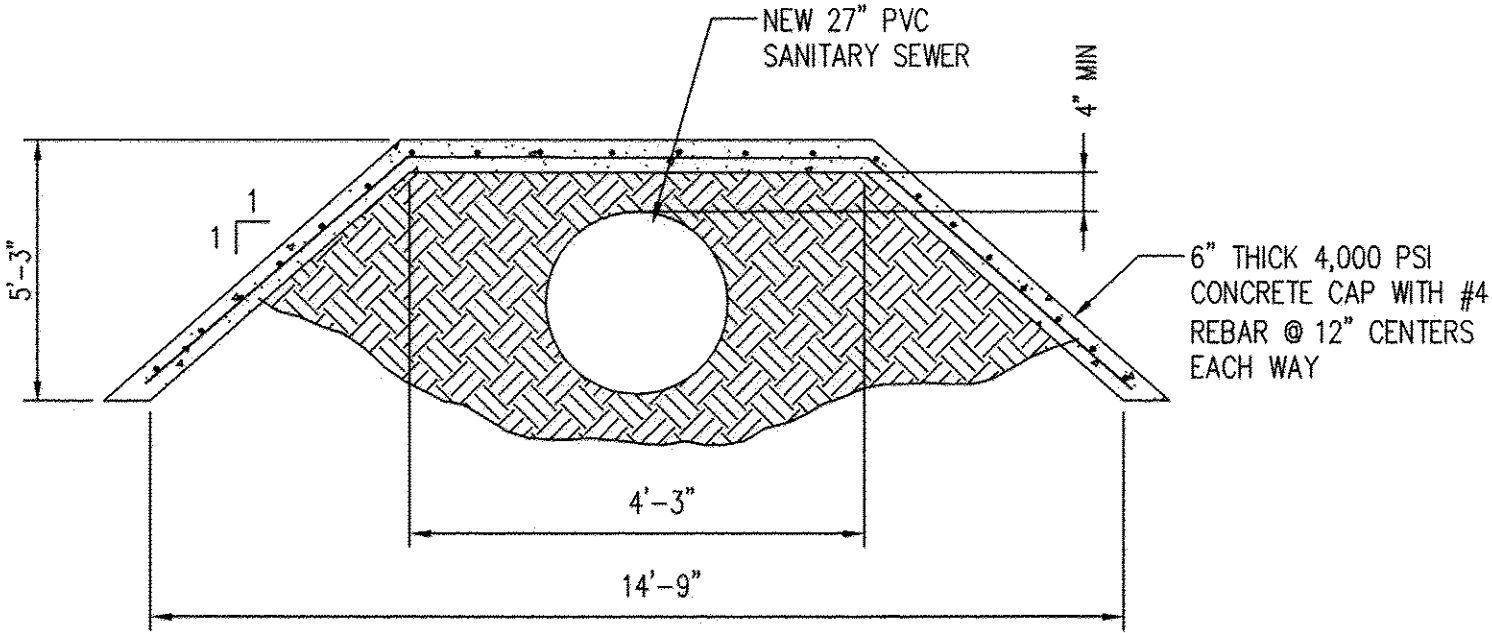
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**AMOLE SANITARY SEWER INTERCEPTOR
PLAN AND PROFILE
STA. 270 TO EOP**

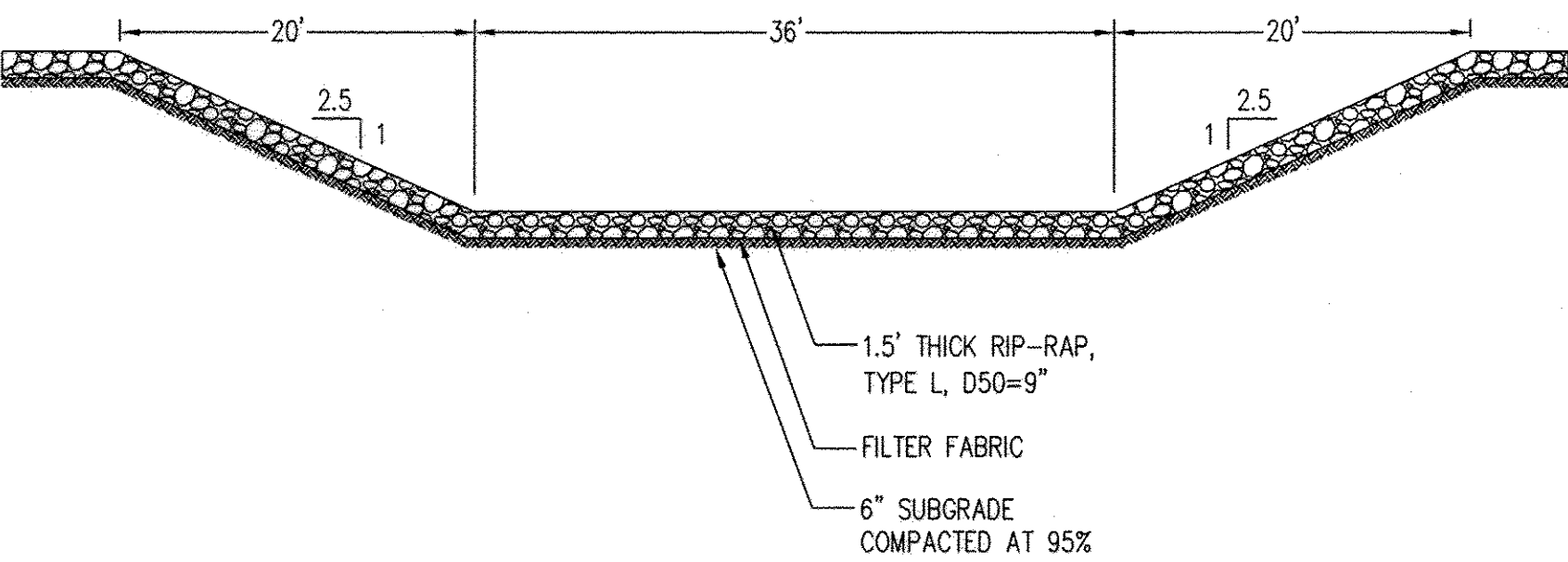
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 23 2014	APPROVED JAN 23 2014 CITY ENGINEER		

City Project No. **727487** Zone Map No. **M8, M9** Sheet **10** Of **11**

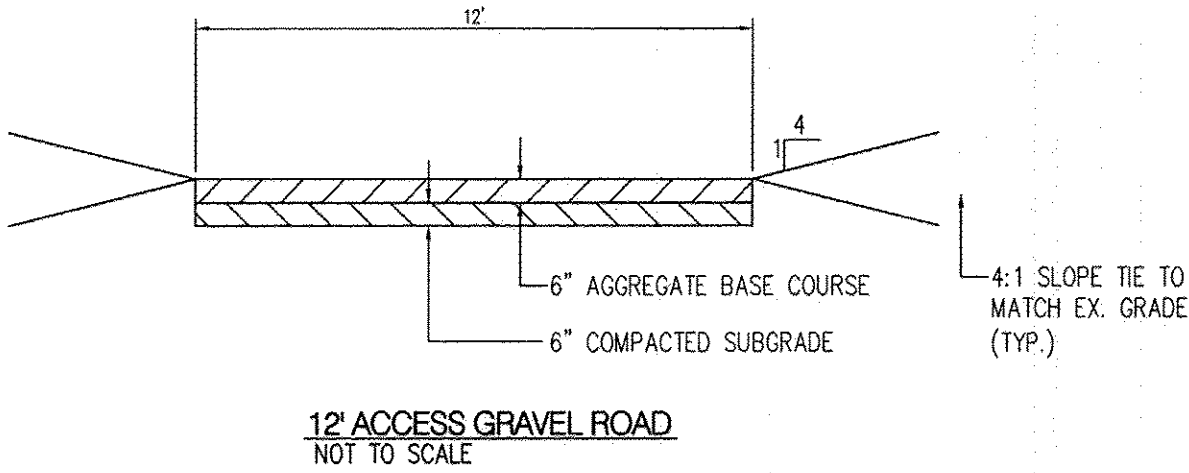
AMAFCA GENERAL NOTES



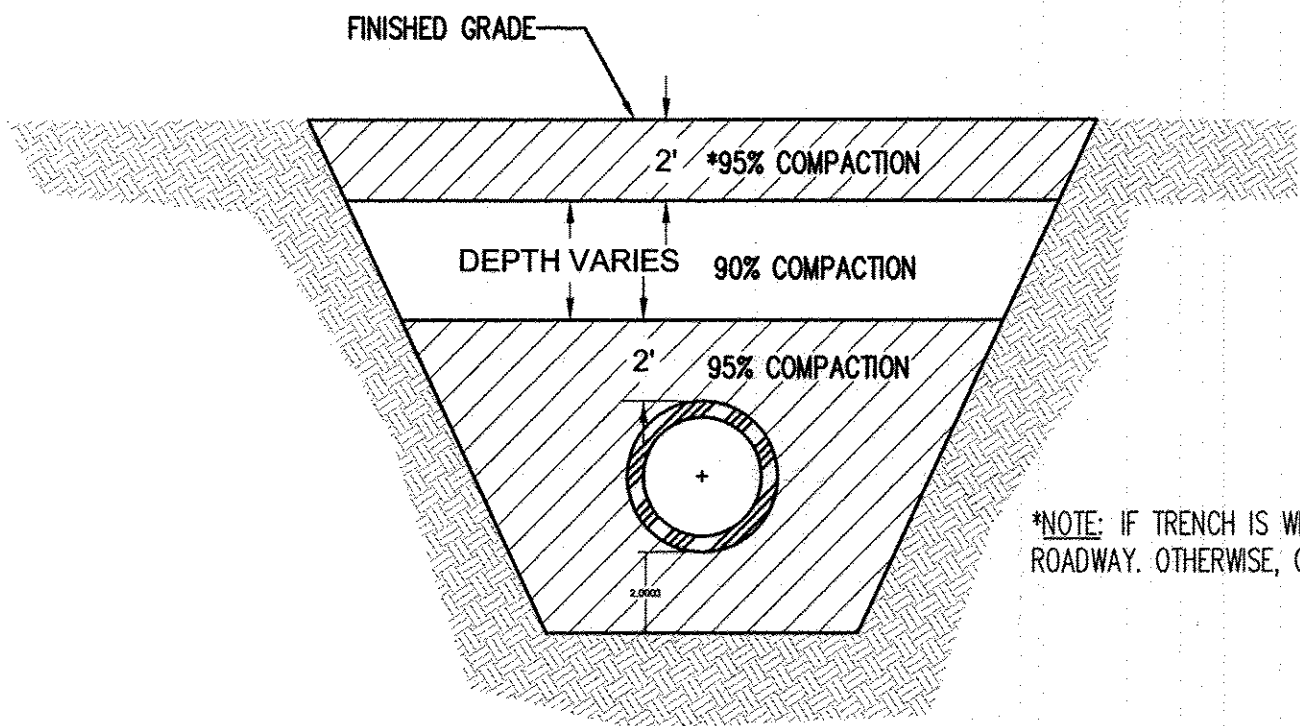
CONCRETE SANITARY SEWER CAP DETAIL
N.T.S.



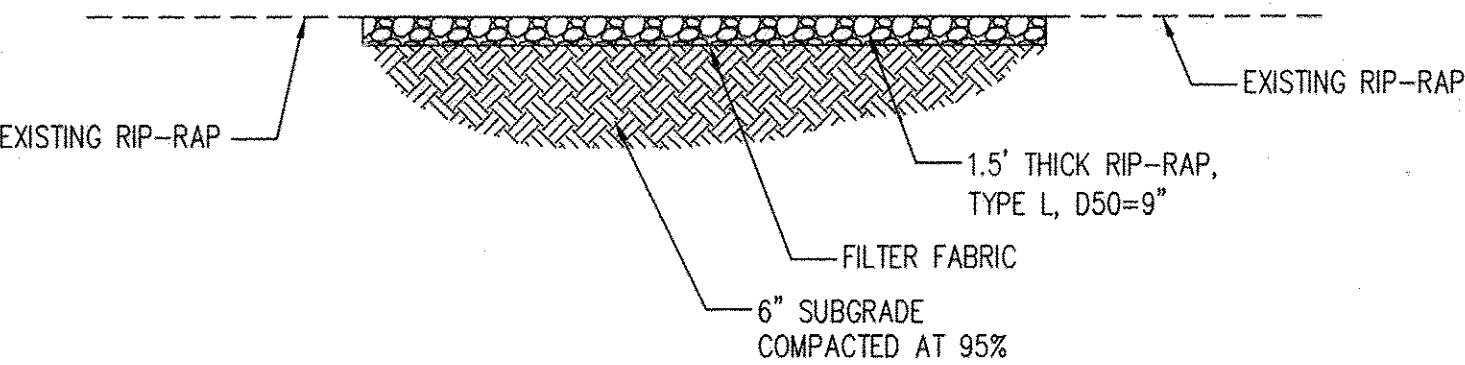
SNOW VISTA CHANNEL RIP-RAP REPLACEMENT SECTION A-A - LOOKING NORTH
N.T.S.



NOTE: USE 12" AGGREGATE BASE COURSE WITHIN STREET R/W (DELGADO DRIVE AND DEL REY RD.)



TYPICAL TRENCH COMPACTION DETAIL
NOT TO SCALE



SNOW VISTA CHANNEL RIP-RAP REPLACEMENT SECTION B-B - LOOKING WEST
N.T.S.

RECORD DRAWINGS

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	DATE	USC&GS BRASS TABLET STAMPED "REWARD"	DATE	NO.	BY	DATE	DATE	NO.	DATE	DESIGNED BY	CHECKED BY
CONTRACTOR: ALS	DATE: 12/14/14	GEOGRAPHIC POSITION (NAD 83)	DATE: 12/14/14							DESIGNED BY: CJS	CHECKED BY: CJS
INSPECTOR'S ACCEPTANCE BY: ALS	DATE: 12/14/14	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE: 12/14/14							DRAWN BY: BIG	
INSPECTOR'S ACCEPTANCE BY: ALS	DATE: 12/14/14	X = 1,491,190.819 Y = 1,487,364.063	DATE: 12/14/14								
INSPECTOR'S ACCEPTANCE BY: ALS	DATE: 12/14/14	GROUND-TO-GRID FACTOR = 0.999675005	DATE: 12/14/14								
INSPECTOR'S ACCEPTANCE BY: ALS	DATE: 12/14/14	Δα = -00°17'12.26"	DATE: 12/14/14								
INSPECTOR'S ACCEPTANCE BY: ALS	DATE: 12/14/14	NAVD 1988 ELEVATION = 5319.691	DATE: 12/14/14								

Bohannon & Huston



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

AMOLE SANITARY SEWER INTERCEPTOR
MISCELLANEOUS DETAILS

Design Review Committee
APPROVED
JAN 23 2014
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
JAN 23 2014
CITY ENGINEER

Last Design Update

Mo./Day/Yr.

Mo./Day/Yr.

City Project No.

Zone Map No.

Sheet

Of

727487

K7,L7,L8,M8

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