

CONSTRUCTION PLANS
FOR
CENTRAL AND BROADWAY PUBLIC
INFRASTRUCTURE IMPROVEMENTS
ALBUQUERQUE, NEW MEXICO
APRIL 2019

CONSTRUCTION NOTES:

- 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.
- 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.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE 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 COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.
- 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.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH LATEST UPDATE.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, (ALBUQUERQUE AREA) 1-800-321-ALERT (2537) (STATEWIDE) FOR LOCATION OF EXISTING PUBLIC UTILITIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- 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 CITY SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT CITY 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 ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT CITY 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 SPECIFICATIONS.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
- ALL CITY STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY CONTRACTOR TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET. FINAL STRIPING TO BE COORDINATED WITH C.O.A. TRAFFIC OPERATIONS.
- CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY, WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- WHEN APPLICABLE, CONTRACTOR SHALL, ON BEHALF OF THE OWNER AND OPERATORS, SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
- ALL FILL SHALL BE CLEAN, FREE FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS, AND SHALL NOT BE CONTAMINATED WITH HYDROCARBONS OR OTHER CHEMICAL CONTAMINANTS.
- IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PREHISTORIC ARTIFACTS OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE ENGINEER SHALL NOTIFY LOCAL AUTHORITIES. IF HUMAN REMAINS ARE DETERMINED BY THE OFFICE OF THE MEDICAL EXAMINER NOT TO BE RECENT, THE ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.
- TWO WEEKS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY ABORIDE TRANSIT DEPARTMENT TO DISCUSS THE IMPACT OF TRAFFIC CONTROL PLAN ON BUS ROUTE AND ANY OTHER TRANSIT INFRASTRUCTURE BEING IMPACTED. CONTACT PERSON FOR ABORIDE: DOUG GOFF (505) 724-3139 OR (505) 331-0253, EMAILS: dgoff@abq.gov
- 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.
- PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900, DR18 REQUIREMENTS (6" - 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" - 48").
- ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
- ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE CITY OF ALBUQUERQUE SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
- CONTRACTOR SHALL INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE WUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
- AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTION (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINE, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

SHEET LIST TABLE

1	COVER
2	TOPOGRAPHIC SURVEY
3	PRIVATE DRAINAGE PLAN
4.1	PRIVATE GRADING PLAN
4.2	PRIVATE GRADING PLAN
5.1	DEMOLITION PLAN
5.2	DEMOLITION PLAN
6.1	ROADWAY CONSTRUCTION PLAN
6.2	ROADWAY CONSTRUCTION PLAN
7	ROADWAY DETAILS
8	UTILITY PLAN
9.1	BUS DETAILS
9.2	BUS DETAILS

10

TRACER WIRE DETAILS

SURVEYOR'S CERTIFICATION

I, BRIAN J. MARTINEZ, 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' 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. CARTESIAN SURVEYS, INC. IN NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

B. J. Martinez 4/8/21



APPLICANT:

RESPEC, Hugh Floyd, P.E.
5971 JEFFERSON ST NE, SUITE 101
ALBUQUERQUE, NM 87109
(505) 366-4187

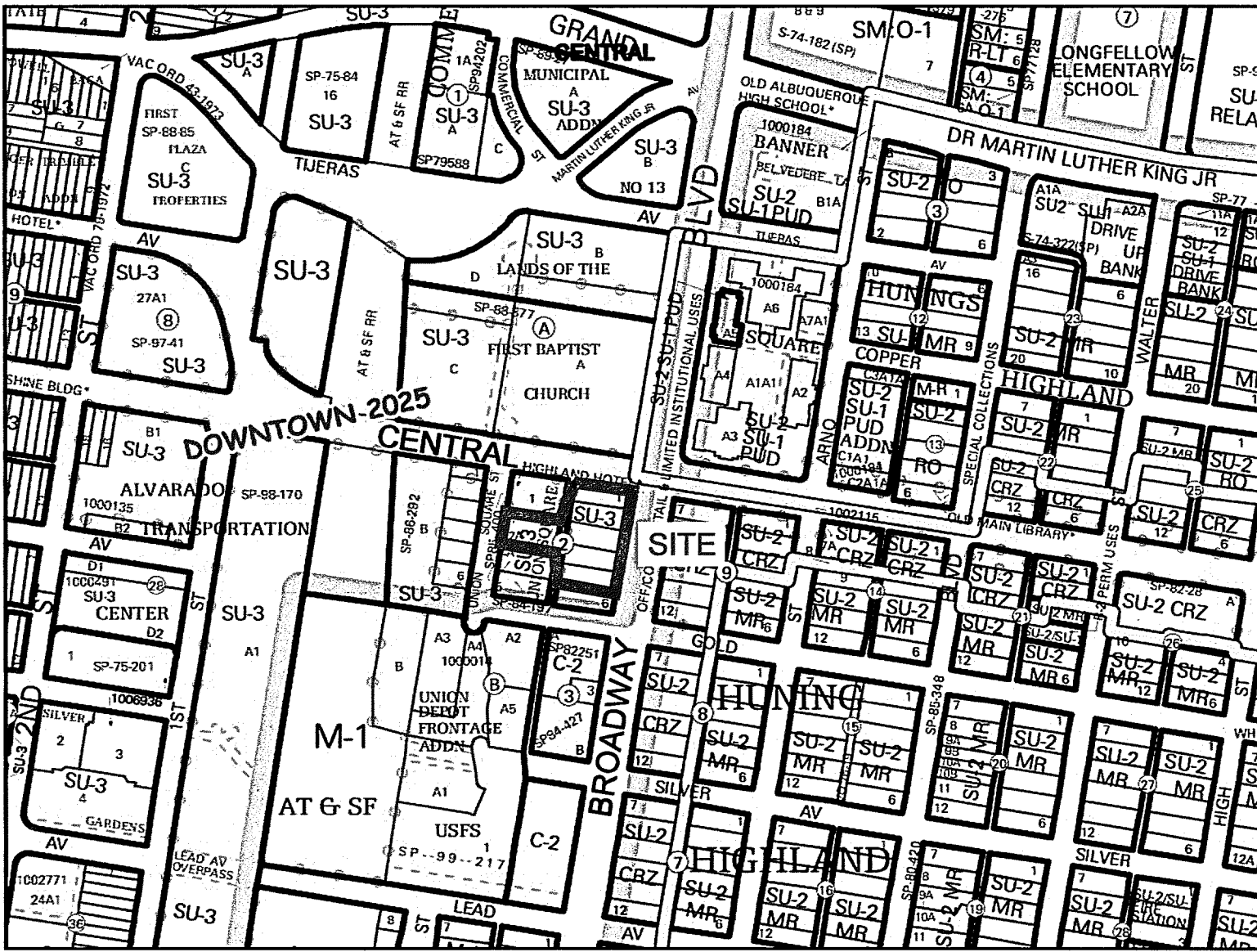
DEVELOPER:

LEGACY HOSPITALITY, LLC
6501 EAGLE ROCK AVENUE NE,
SUITE 5-B
ALBUQUERQUE, NM 87113
(505) 243-6000

Availability Statement # 180414

ELEVATIONS ARE IN NAVD 88

APPROVED RECORD DRAWINGS	
City Inspector	Matt Garduno
Contractor	TLC Plumbing & Utility
Construction Engineer	David Bishop
Date	1/26/2022



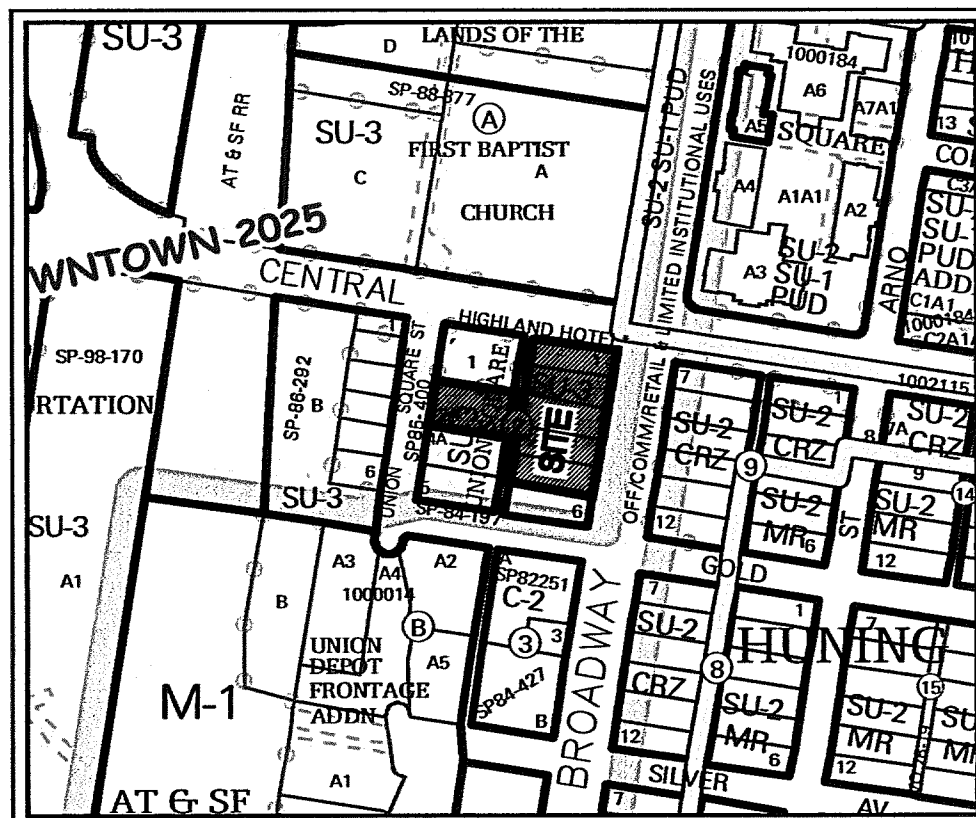
VICINITY MAP

K-14

RESPEC

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>[Signature]</i>	5/7/19	APPROVED FOR CONSTRUCTION		
		Transportation	<i>[Signature]</i>	4/25/19			
		Water/Wastewater	<i>[Signature]</i>	5/7/19			
		Hydrology	<i>[Signature]</i>	4/25/19			
		Parks					
		Const. Mngmt.			CITY ENGINEER DATE 10/17/19		
		Const. Coord.					
		CITY PROJECT NO.	657384	SHEET 1 OF 9			

NAME: L:\Active Projects\03093 Kassar Central Broadway Hotel\3. DWG\Sheets\2-TOPO.dwg PLOT DATE: Apr 25, 2019 9:57am



Legend

N 90°00'00" E	MEASURED BEARINGS AND DISTANCES
(N 90°00'00" E)	RECORD BEARINGS AND DISTANCES (5/12/1987, D01-14)
(N 90°00'00" E)	RECORD BEARINGS AND DISTANCES (12/03/1985, C29-1)
●	FOUND MONUMENT AS INDICATED
○	SET PIN NAIL "1427" UNLESS OTHERWISE NOTED
▨	COVERED AREA
▩	CONCRETE
▧	BRICK
—	METAL FENCE
—	BLOCK WALL
—	BOLLARD
—	OVERHEAD UTILITY LINE
—	UTILITY POLE
—	ANCHOR
—	LIGHT POLE
—	ELECTRIC METER
—	ELECTRIC CABINET
—	SIGNAL BOX
—	TRAFFIC MAST
—	GAS METER
—	WATER VALVE
—	WATER METER
—	FIRE HYDRANT
—	SANITARY SEWER MANHOLE
—	SAS CLEANOUT
—	IRRIGATION BOX
—	STORM DRAIN MANHOLE
—	STORM DRAIN INLET
—	SIGN
—	CURB CUT/INDICATION OF ACCESS TO ROADWAY
—	SPOT ELEVATION
—	BACK OF CURB ELEVATION
—	FLOW LINE ELEVATION
—	EDGE OF PAVEMENT ELEVATION
—	TOP OF ASPHALT ELEVATION
—	TOP OF CONCRETE ELEVATION
—	UNDERGROUND GAS UTILITY LINE
—	UNDERGROUND WATER UTILITY LINE
—	UNDERGROUND SANITARY SEWER LINE
—	UNDERGROUND STORM DRAIN LINE
—	UNDERGROUND ELECTRIC UTILITY LINE
—	UNDERGROUND ELECTRIC UTILITY LINE

Documents

- TITLE COMMITMENT PROVIDED BY FIRST AMERICAN TITLE, HAVING FILE NO. 2202363 AND AN EFFECTIVE DATE OF APRIL 5, 2016.
- PLAT OF HUNING'S HIGHLAND ADDITION FILED IN THE BERNALILLO COUNTY CLERK'S OFFICE ON MAY 12, 1987, IN BOOK D01, PAGE 14.
- PLAT OF LOTS 2-A AND 4-A OF UNION SQUARE ADDITION, FILED IN THE COUNTY CLERK'S OFFICE ON DECEMBER 3, 1985, IN MAP BOOK C29, FOLIO 1.

Flood Notes

BASED UPON SCALING, THIS PROPERTY LIES WITHIN FLOOD ZONE X WHICH IS DEFINED AS AN AREA OF MINIMAL FLOOD HAZARD, AS DETERMINED BY F.E.M.A. AND SHOWN ON THE FLOOD INSURANCE RATE MAP DATED SEPTEMBER 26, 2008, MAP NO. 35001C0334C.

Line Table		
Line #	Direction	Length (ft)
L1	N 80°59'21" W [N 81°12'49" W]	5.00' [5.00']

Easement Notes

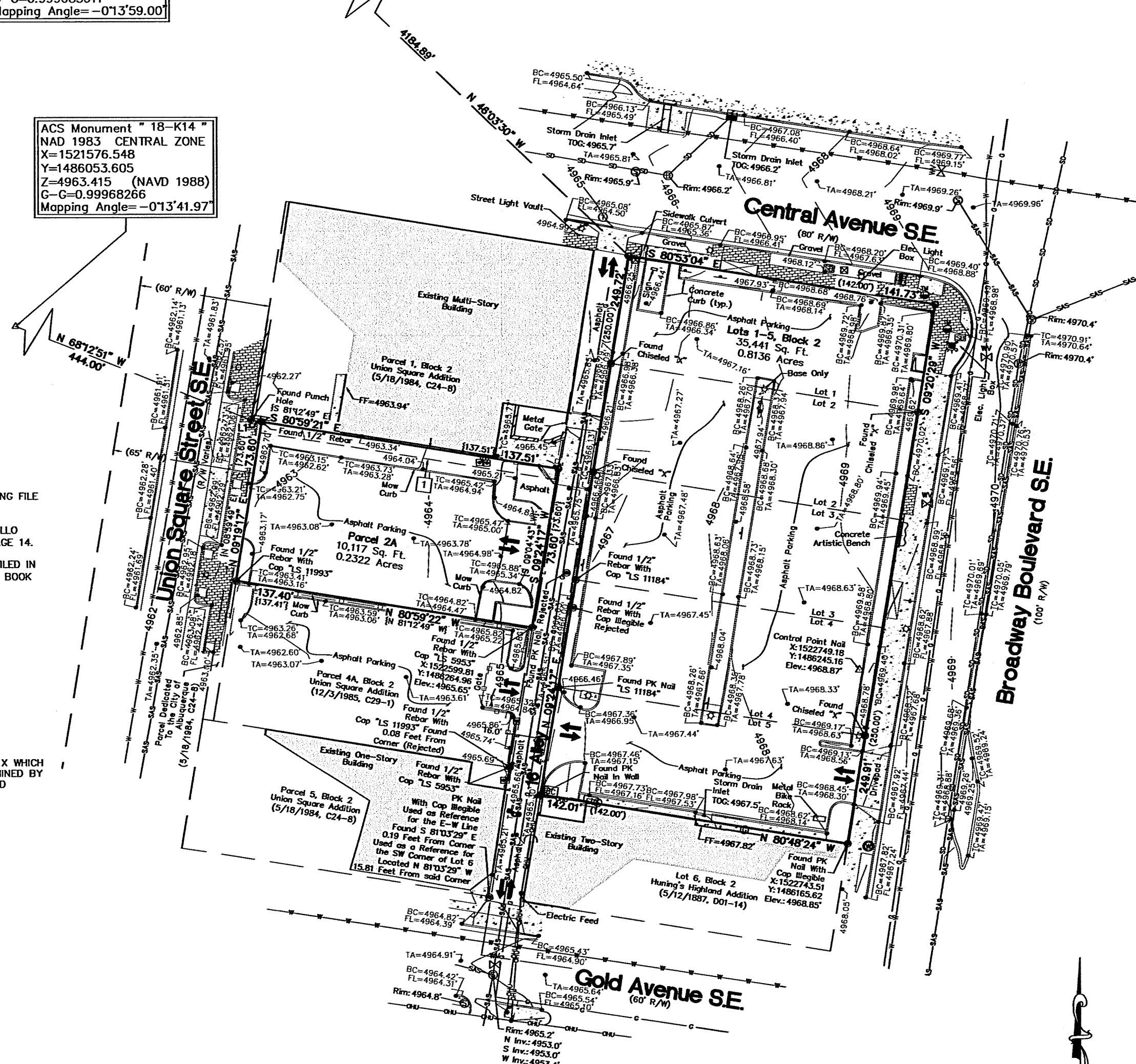
- EXISTING 5' PRIVATE DRAINAGE EASEMENT (5/18/1984, C24-B)

ACS Monument "17-J14"
NAD 1983 CENTRAL ZONE
X=1519149.317
Y=1488666.762
Z=4957.484 (NAVD 1988)
G=0.999683611
Mapping Angle=-0°13'59.00"

ACS Monument "18-K14"
NAD 1983 CENTRAL ZONE
X=1521576.548
Y=1486053.605
Z=4963.415 (NAVD 1988)
G=0.99968286
Mapping Angle=-0°13'41.97"

Indexing Information

Section 20, Township 10 North, Range 3 East, N.M.P.M.
as Projected into the Town of Albuquerque Grant
Subdivision: Huning's Highland Addition (Lots 1-5, Block 2)
Union Square Addition (Parcel 2-A)
Owner: Sundown Hospitality, LLC (Lots 1-5, Block 2, Huning's Highland Add.)
Hudson Albuquerque, LLC (Parcel 2-A, Union Square Addition)
UPC #: 101405736037511404 (Lots 1-5, Block 2, Huning's Highland Add.)
101405734537511411 (Parcel 2-A, Union Square Add.)



Boundary Survey
and
Topographic Map
for
Lots 1-5, Block 2
Huning's Highland Addition
and
Parcel 2-A
Union Square Addition
City of Albuquerque
Bernalillo County, New Mexico
May 2018

Benchmark -NAVD 88
ACS MONUMENT "18-K14" HAVING AN ELEVATION OF 4963.415.

Legal Description

PARCEL 1:
LOT NUMBERED ONE (1) THRU FIVE (5), INCLUSIVE, IN BLOCK NUMBERED TWO (2) OF HUNING'S HIGHLAND ADDITION TO THE CITY OF ALBUQUERQUE, NEW MEXICO AS THE SAME IS SHOWN AND DESCRIBED ON THE MAP OF SAID ADDITION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON MAY 12, 1987, IN BOOK D01, PAGE 14.

PARCEL 2:
PARCEL NUMBERED TWO-A (2-A) OF UNION SQUARE ADDITION, A REPLAT OF PARCELS 2, 3 AND 4, ALBUQUERQUE, NEW MEXICO, AS THE SAME IS SHOWN AND DESCRIBED ON THE MAP OF SAID ADDITION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON DECEMBER 3, 1985, IN MAP BOOK C29, FOLIO 1.

Notes

- FIELD SURVEY PERFORMED IN APRIL 2018.
- ALL DISTANCES ARE GROUND DISTANCES; U.S. SURVEY FOOT.
- SOURCE INFORMATION FROM PLANS AND MARKINGS HAVE BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF THOSE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OF MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT THAT EXCAVATION MAY BE NECESSARY.
- THE BASIS OF BEARINGS REFERENCES MODIFIED NEW MEXICO STATE PLANE COORDINATES (NAD 83-CENTRAL-GROUND) USING GROUND TO GRID FACTOR OF 0.999683135.
- COORDINATES SHOWN HEREON ARE BASED UPON MODIFIED NEW MEXICO STATE PLANE COORDINATES (NAD 83-CENTRAL-GROUND) USING GROUND TO GRID FACTOR OF 0.999683135.

Surveyor's Certificate-Topographic Map

I, WILL PLOTNER JR., A NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR DO HEREBY CERTIFY THAT THE TOPOGRAPHIC MAP SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will Plotner Jr. 5/2/18
N.M.L.P.S. No. 14271

CSI-CARTESIAN SURVEYS INC.
P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 896-3050 Fax (505) 891-0244



Sheet 1 of 1
180784

FOR INFORMATION ONLY



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
CENTRAL & BROADWAY PUBLIC INFRASTRUCTURE IMPROVEMENTS TOPOGRAPHIC SURVEY	
Design Review Committee	City Engineer Approval
CITY PROJECT NO. 657384	ZONE MAP NO. K-14
SHEET 2	OF 9

Hydrology Calculations

The following calculations are based on Albuquerque's Development Process Manual, Section 22.2

Runoff Rate:

Treatment Type Areas

Subbasin	Area _A (ac)	Area _B (ac)	Area _C (ac)	Area _D (ac)	Total (ac)
Subbasin 1	0.00	0.02	0.02	0.37	0.41
Subbasin 2	0.00	0.02	0.02	0.37	0.41
Subbasin 3	0.00	0.01	0.01	0.21	0.23
Subbasin 4	0.00	0.00	0.00	0.04	0.04
Total	0.00	0.04	0.04	1.00	1.09

Peak Discharge values based on Zone 2 from Table A-9

Q_A = 1.56 cfs/ac Q_B = 2.28 cfs/ac Q_C = 3.14 cfs/ac Q_D = 4.70 cfs/ac

Peak Discharge calculation for a 100-yr, 24-hr storm event from equation A-10

Subbasin	Discharge (cfs)
Subbasin 1	1.8
Subbasin 2	1.8
Subbasin 3	1.1
Subbasin 4	0.2
Total	4.9

Water Quality:

Required Water Quality volume for first flush of 0.34"

Subbasin	Volume (cu. ft.)
Subbasin 1	459
Subbasin 2	459
Subbasin 3	262
Total	1179

(Fee in Leu = \$ 9,430.28)

2' SIDEWALK CULVERT MANNING'S CALCULATION

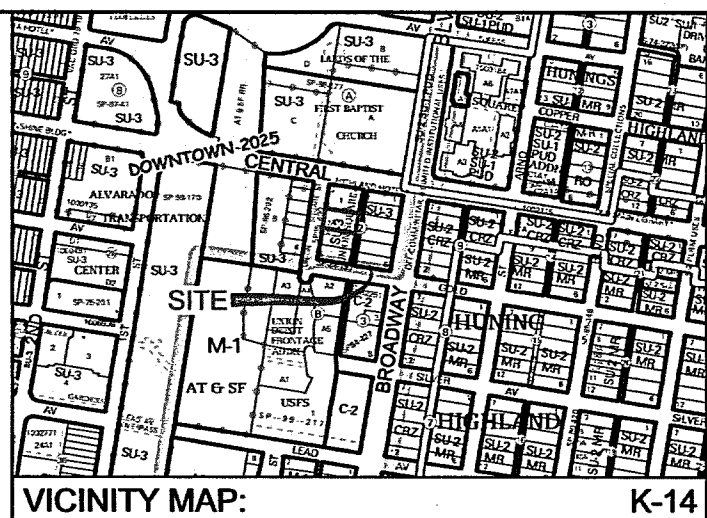
Rectangular Channel

Input

Flow	3.6 cfs
Slope	0.015 ft/ft
Manning's n	0.013
Base Width	2 ft
Right Side Slope	0:1
Left Side Slope	0:1

Output

Depth	0.327 ft
Flow Area	0.654 sf
Velocity	5.50 fps
Velocity Head	0.471 ft
Top Width	2.00 ft
Froude Number	1.70
Critical Depth	0.465 ft
Critical Slope	0.00529 ft/ft



REVISION	DATE	BY	CHKD	APPD

RESPEC
5971 JEFFERSON STREET
SUITE 101
ALBUQUERQUE, NM 87109
PHONE (505) 243-2287



STAMP



THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED



BACKGROUND

LOTS 1 THRU 5, BLOCK 2, HUNING'S HIGHLAND ADDITION AND PARCEL 2-A, UNION SQUARE ADDITION ACCOUNT FOR APPROXIMATELY 1 ACRE IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO. THE PROPERTIES ARE LOCATED SOUTH OF CENTRAL AVENUE, NORTH OF GOLD AVENUE, WEST OF BROADWAY BOULEVARD, AND EAST OF UNION SQUARE STREET. THE SITE HAS BEEN DEVELOPED AS A PARKING LOT AND THE PROPOSED PROJECT IS A HOTEL ON LOTS 1 THRU 5 AND A PARKING STRUCTURE ON PARCEL 2-A. LOTS 1 THRU 5 RECEIVE NO OFFSITE FLOWS. PARCEL 2-A RECEIVES FLOWS FROM SOME OF THE ROOF RUNOFF GENERATED BY THE BUILDING ON PARCEL 1, WHICH IS THE PROPERTY NORTH OF PARCEL 2-A. THERE IS NO FLOODPLAIN ON THE SITE. THERE ARE DRAINAGE ANALYSES DONE BY SPROUL ENTERPRISES FOR LOTS 1 THRU 5 (K14D017) AND BY MCDOWELL ENGINEERING FOR PARCEL 2-A (K14D056). THESE FILES SHOULD BE REFERENCED FOR GENERAL BACKGROUND RELATED TO THESE PROPERTIES.

METHODOLOGY

HYDROLOGY CALCULATIONS FOR THE SITE ARE PERFORMED IN ACCORDANCE WITH THE ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM) SECTION 22.2 USING THE RATIONAL METHOD TO CALCULATE PEAK FLOW RATES IN ORDER TO ENSURE ALL FLOW PATHS ARE SUFFICIENT TO CARRY FLOWS. THE REQUIRED WATER QUALITY VOLUME WAS CALCULATED BY MULTIPLYING THE IMPERVIOUS AREA BY THE FIRST FLUSH RUNOFF VALUE OF 0.34". ALL HYDROLOGIC AND HYDRAULIC CALCULATIONS CAN BE FOUND ON THIS SHEET.

EXISTING CONDITIONS

PER THE GRADING PLAN BY SPROUL ENTERPRISES, THE AREA, IN GENERAL, DRAINS FROM EAST TO WEST AT VARYING SLOPES. LOTS 1 THRU 5 WERE INTENDED TO BE DRAINED TO A 2' CHANNEL LOCATED AT THE NORTHWEST CORNER OF THE PROPERTIES THAT DISCHARGES TO CENTRAL PER THE GRADING PLAN BY SPROUL ENTERPRISES. CURRENTLY, LOTS 1, 2 AND THE NORTHERN PORTION OF LOT 3 ARE DRAINING TO THE 2' CHANNEL WHILE LOTS 4, 5 AND THE SOUTHERN PORTION OF LOT 3 IS DRAINING TO THE ALLEY DRIVEWAY AT THE SOUTHWEST CORNER OF THE PROPERTIES. THIS STORM WATER RUNOFF THEN FLOWS SOUTH INTO GOLD AVENUE. PARCEL 2-A DRAINS TO UNION SQUARE THROUGH 4" PVC DRAIN LINES UNDER THE SIDEWALK AT THE NORTHWEST CORNER OF THE SITE.

PROPOSED CONDITIONS

THE BASIN HAS BEEN SPLIT INTO 4 SUBBASINS. SUBBASIN 1 IS THE NORTHERN PORTION OF LOTS 1 THRU 5 AND GENERATES 1.8 CFS. SUBBASIN 2 ENCOMPASSES THE SOUTHERN PORTION OF LOTS 1 THRU 5 AND ALSO GENERATES 1.8 CFS. SUBBASIN 3 IS PARCEL 2-A AND GENERATES 1.1 CFS. SUBBASIN 4 IS THE OFFSITE FLOW RECEIVED FROM PARCEL 1 LOCATED NORTH OF PARCEL 2-A AND GENERATES 0.2 CFS.

SUBBASINS 1 AND 2 INCLUDE THE ROOF OF THE PROPOSED HOTEL. THE ROOF RUNOFF WILL BE COLLECTED AND ROUTED UNDER GROUND IN A STORM DRAIN. THE STORM DRAIN DISCHARGES TO A MODIFIED TYPE "D" INLET THAT WILL ACT AS BOTH A BUBBLER AND A FRENCH DRAIN. SEE DETAIL SHEET C-2. WATER GENERATED BY LARGER STORM EVENTS WILL BUBBLE UP THROUGH THE INLET AND DISCHARGE INTO CENTRAL AVENUE THROUGH A 2 FOOT SIDEWALK CULVERT. THIS IS WHAT WAS THE ORIGINAL DESIGN INTENT FOR THIS PROPERTY. FURTHERMORE, IN A MORE RECENT STUDY DONE BY WSP/PARSONS BRINCKERHOFF IN 2016 (K14-D108), LOTS 1 THRU 5 ARE SHOWN TO DRAIN TO CENTRAL. THE WATER THAT DOES NOT BUBBLE UP THROUGH THE INLET WILL INFILTRATE INTO THE GROUND THROUGH THE BOTTOM OF THE MODIFIED TYPE "D" INLET. THERE IS A PARKING GARAGE WITH ACCESS TO BROADWAY BOULEVARD. THE WATER BLOCK IS SHOWN ON SHEET C-2.

SUBBASIN 3 INCLUDES THE UPPER LEVEL OF THE PARKING STRUCTURE THAT HAS ACCESS TO THE ALLEY. THERE IS A LOWER LEVEL WITH ACCESS TO UNION SQUARE STREET. THERE IS A PROPOSED WATER BLOCK AT THE UNION SQUARE ENTRANCE (SEE SHEET C-2). RUNOFF GENERATED BY THE UPPER LEVEL OF THE PARKING STRUCTURE WILL FLOW EAST UNTIL COLLECTED IN THE PROPOSED CATTLE GUARD INLET. A STORM DRAIN CONNECTED TO THE CATTLE GUARD INLET WILL DRAIN TO A MODIFIED TYPE "D" INLET. WATER WILL BUBBLE OUT OF THE INLET INTO THE PROPOSED CHANNEL ALONG THE NORTH SIDE OF THE PARKING STRUCTURE. SEE DETAIL SHEET C-2. SUBBASIN 4 ALSO ENTERS THIS CHANNEL. RUNOFF THEN ENTERS A 2' SIDEWALK CULVERT THAT DISCHARGES TO UNION SQUARE STREET AS THE PROPERTY HAS DONE HISTORICALLY.

LEGEND

---	EXISTING PROPERTY BOUNDARY
---	PROPOSED PROPERTY BOUNDARY
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	SUBBASIN BOUNDARY

2' SIDEWALK CULVERT MANNING'S CALCULATION

Rectangular Channel

Input

Flow	1.3 cfs
Slope	0.0225 ft/ft
Manning's n	0.013
Base Width	2 ft
Right Side Slope	0:1
Left Side Slope	0:1

Output

Depth	0.148 ft
Flow Area	0.297 sf
Velocity	4.38 fps
Velocity Head	0.298 ft
Top Width	2.00 ft
Froude Number	2.01
Critical Depth	0.236 ft
Critical Slope	0.00529 ft/ft

CONCRETE CHANNEL MANNING'S CALCULATION

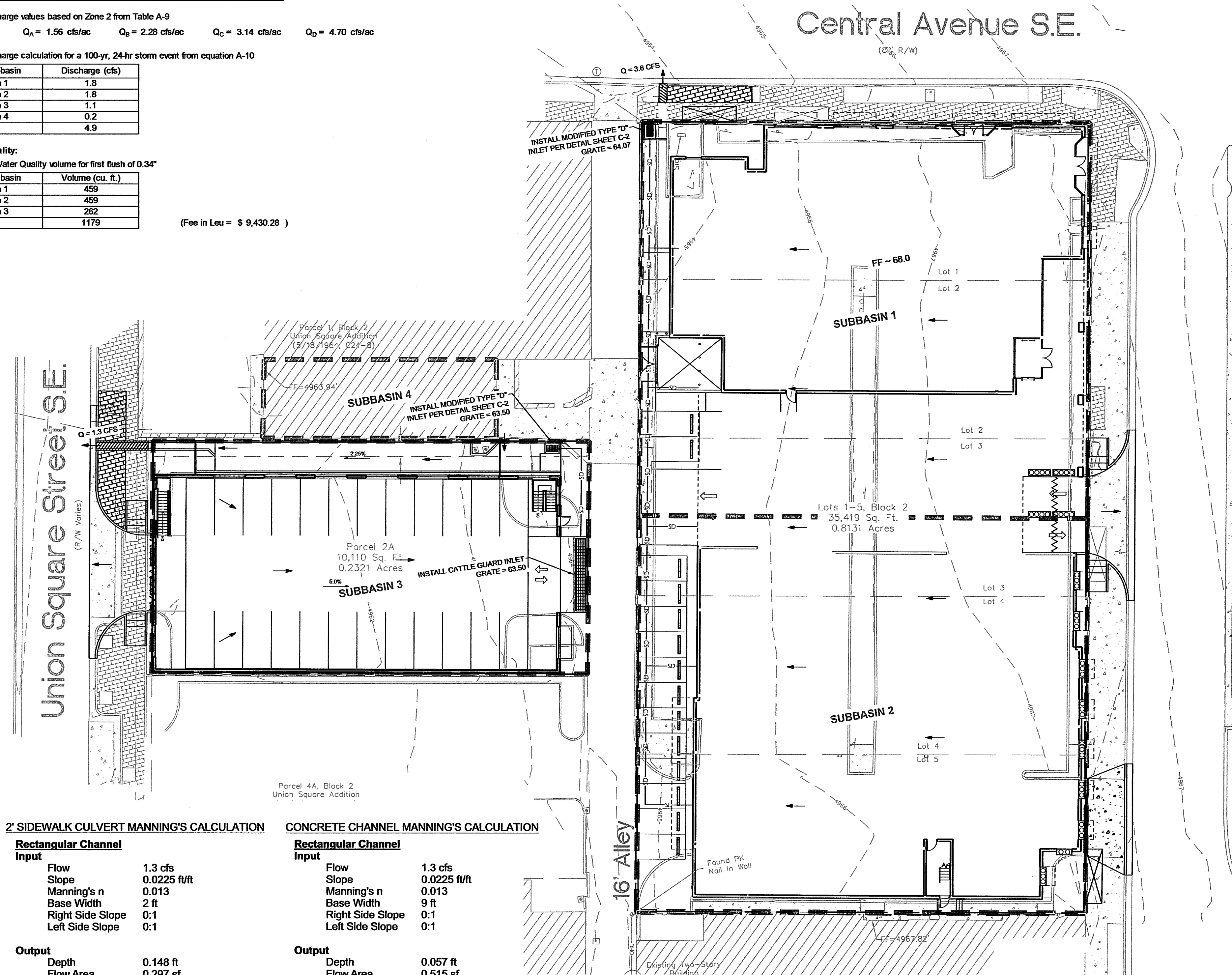
Rectangular Channel

Input

Flow	1.3 cfs
Slope	0.0225 ft/ft
Manning's n	0.013
Base Width	9 ft
Right Side Slope	0:1
Left Side Slope	0:1

Output

Depth	0.057 ft
Flow Area	0.515 sf
Velocity	2.52 fps
Velocity Head	0.0990 ft
Top Width	9.00 ft
Froude Number	1.86
Critical Depth	0.087 ft
Critical Slope	0.00571 ft/ft

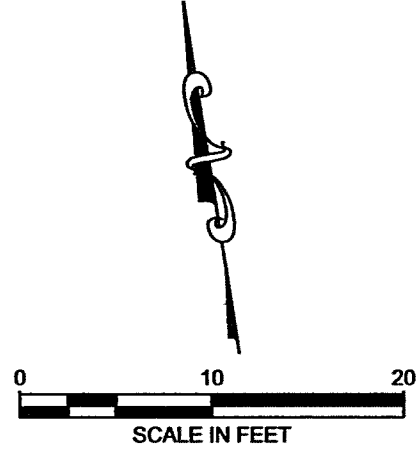
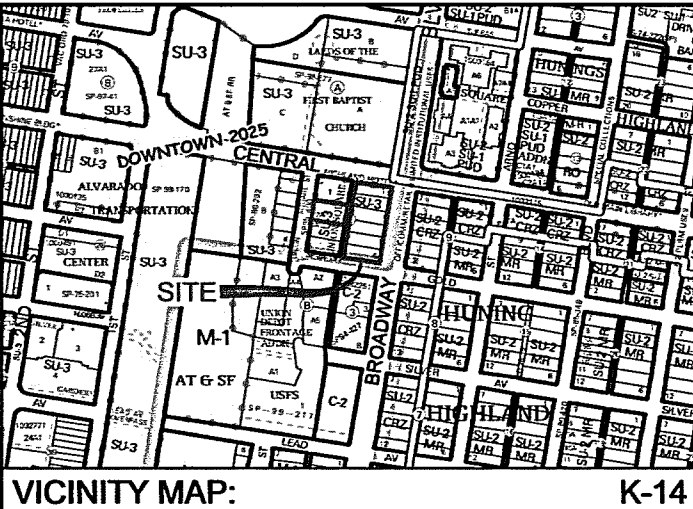
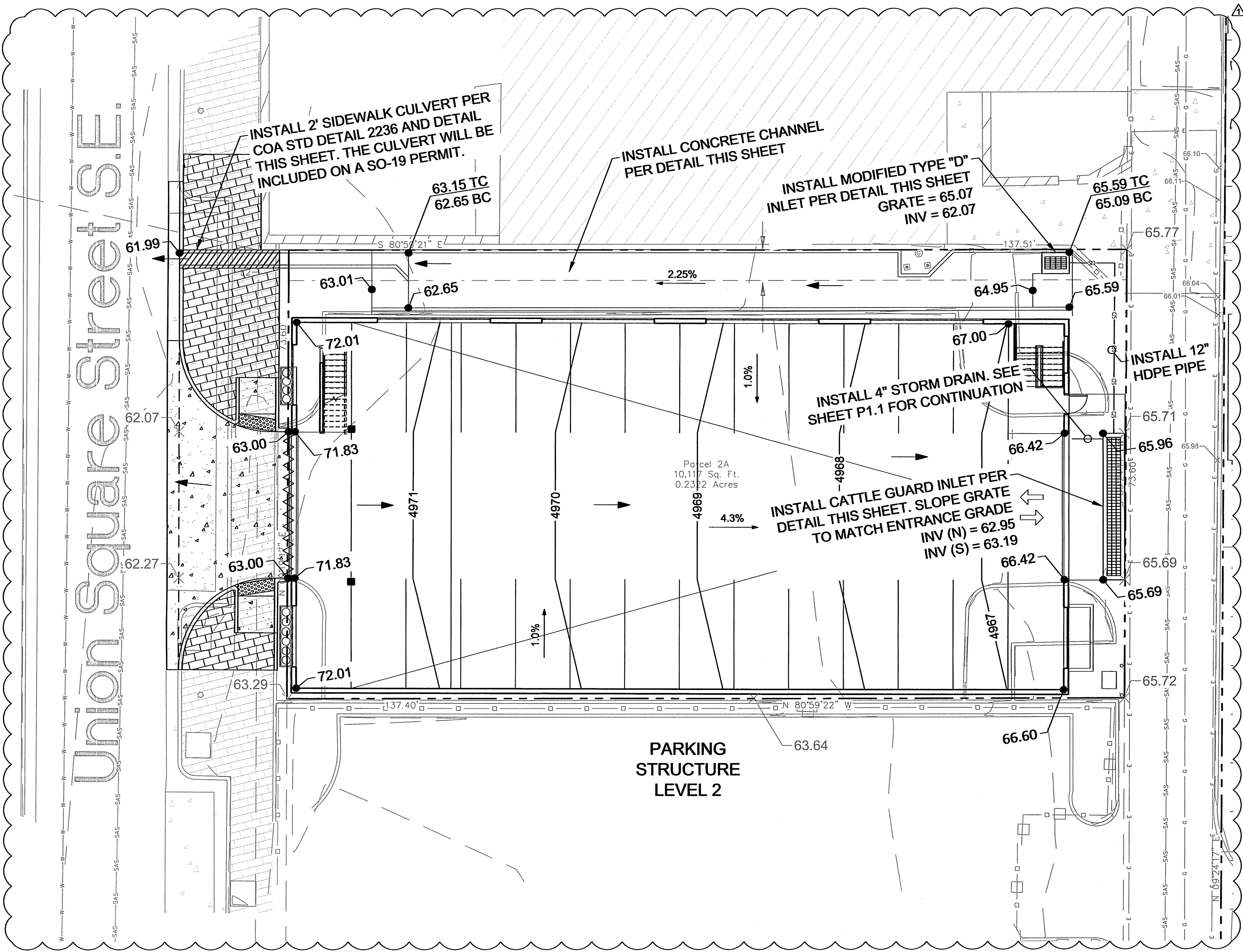


Broadway Boulevard S.E.

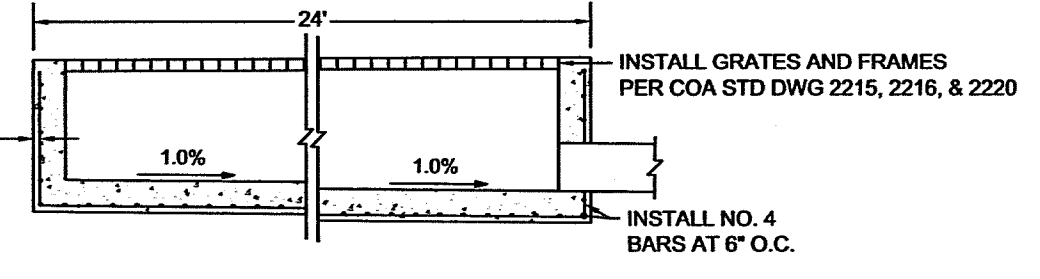
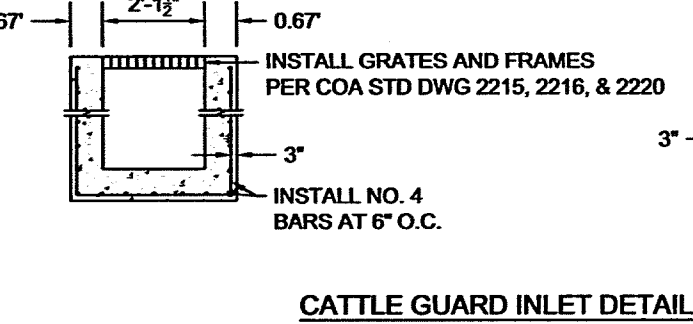
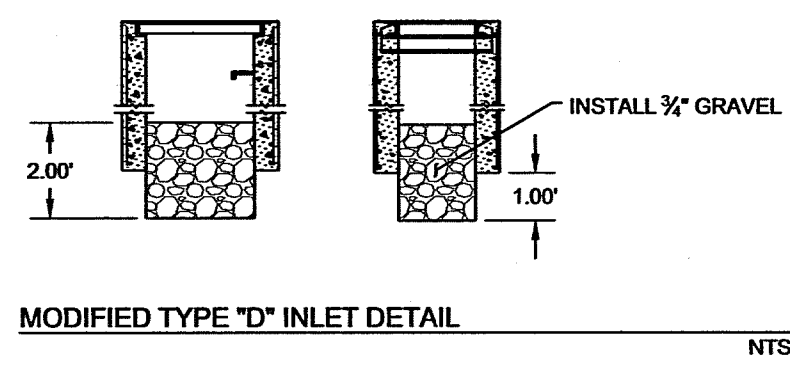
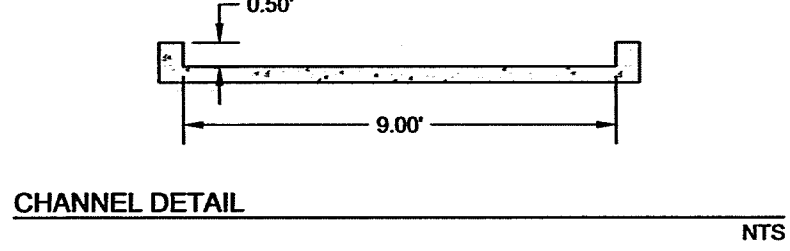
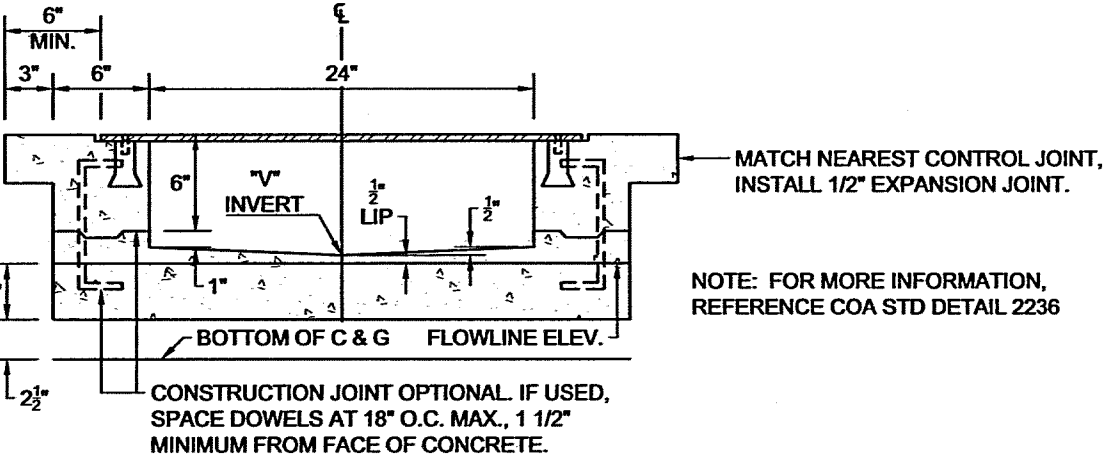
Union Square Street S.E.

FOR INFORMATION ONLY

NAME: L:\Active Projects\03063 Kassam Central Broadway Hotel\3. DWG\Sheets\03063 Grading.dwg PLOT DATE: Apr 22, 2019 10:21am

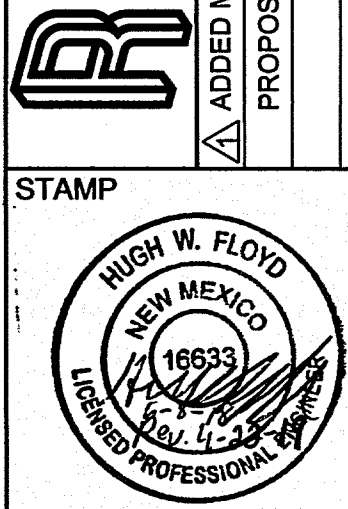


- LEGEND
- EXISTING PROPERTY BOUNDARY
 - PROPOSED PROPERTY BOUNDARY
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED CONTOUR
 - PROPOSED WATER BLOCK
 - PROPOSED SPOT ELEV
 - EXISTING SPOT ELEV



FOR INFORMATION ONLY

REVISION		REVISION
1	DESIGNED	RESPEC
2	DRAWN	6871 JEFFERSON STREET
3	CHECKED	SUITE 101
4	DATE	ALBUQUERQUE, NM 87109
5	DATE	ALBUQUERQUE, NM 87109
6	DATE	ALBUQUERQUE, NM 87109
7	DATE	ALBUQUERQUE, NM 87109
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99	DATE	ALBUQUERQUE, NM 87109
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THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

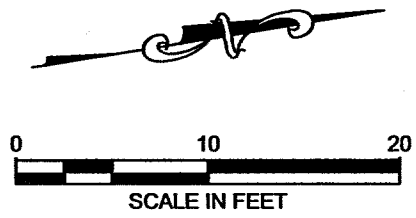
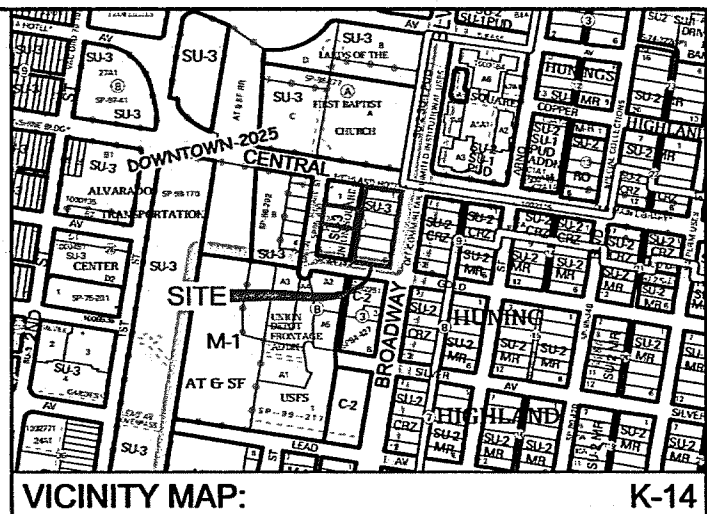


PROJECT NAME:
HOTEL & PARKING STRUCTURE
222 CENTRAL AVENUE SE
ALBUQUERQUE, NM 87102

SHEET TITLE:
GARAGE
GRADING PLAN

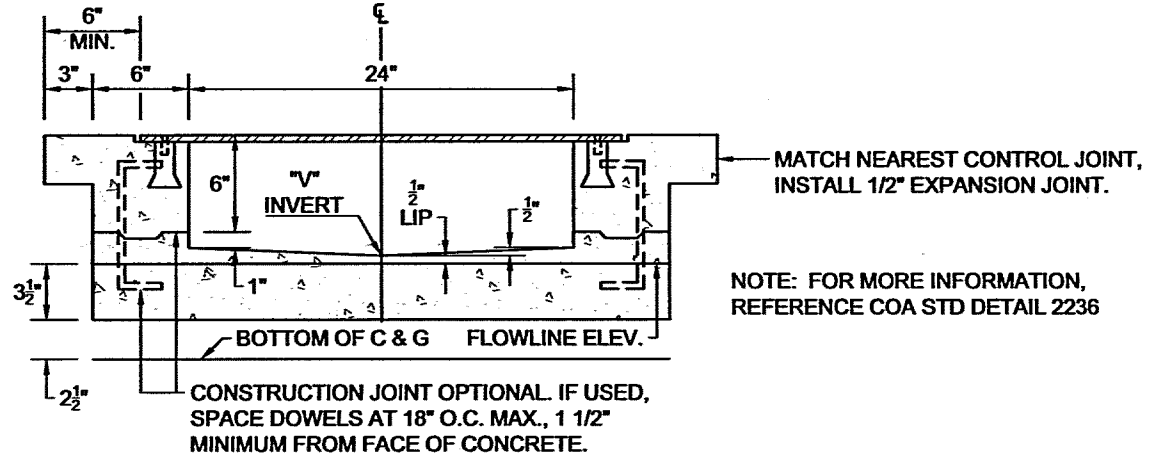
ISSUED FOR:
CONSTRUCTION

SHEET NUMBER:
C-2.1

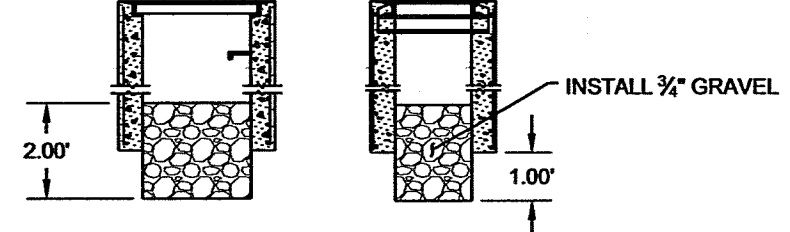


LEGEND

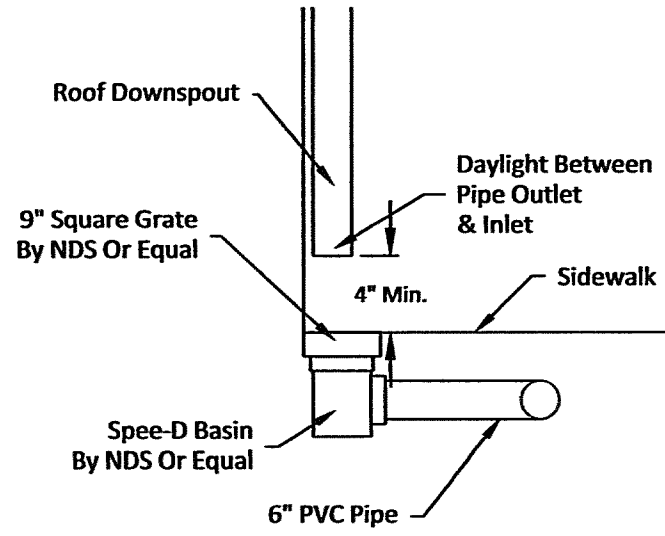
- EXISTING PROPERTY BOUNDARY
- PROPOSED PROPERTY BOUNDARY
- 4965 EXISTING MAJOR CONTOUR
- 4966 EXISTING MINOR CONTOUR
- 4966 PROPOSED CONTOUR
- ~~~~~ PROPOSED WATER BLOCK
- XXX PROPOSED SPOT ELEV
- XX.XX EXISTING SPOT ELEV



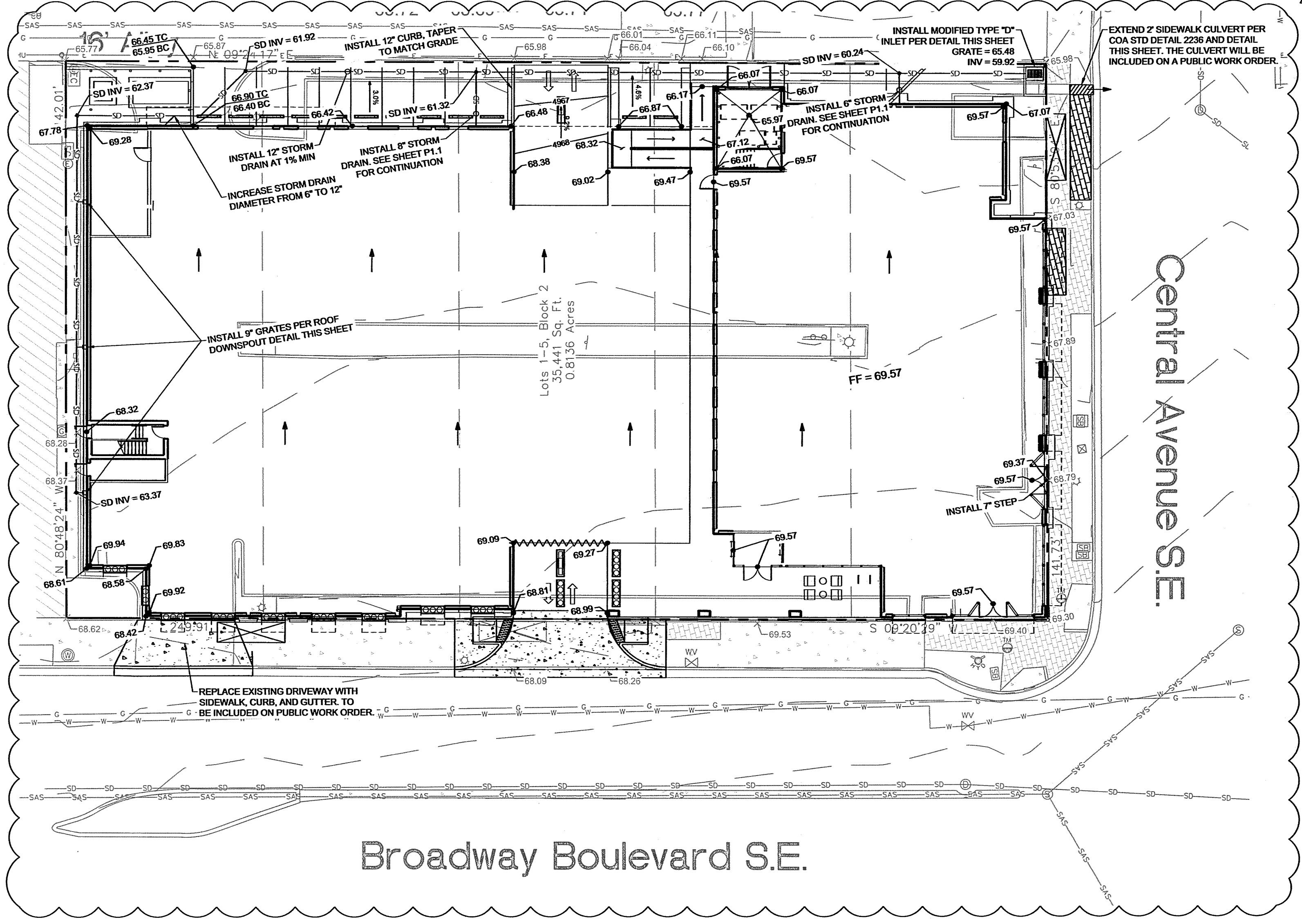
SIDEWALK CULVERT DETAIL NTS



MODIFIED TYPE "D" INLET DETAIL NTS



ROOF DOWNSPOUT DETAIL NTS



REVISION			
RS	DESIGNED	DATE	4.22.2019
JS	DRAWN	CHECKED	
HF			
PROJECT: 5971 JEFFERSON STREET SUITE 101 ALBUQUERQUE, NM 87109 PHONE (505) 243-2287			
ADDED MORE PROPOSED ELEVATION INFORMATION. RAISED PROPOSED AND EXISTING ELEVATION UP 18" TO MATCH SURVEY			



THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED



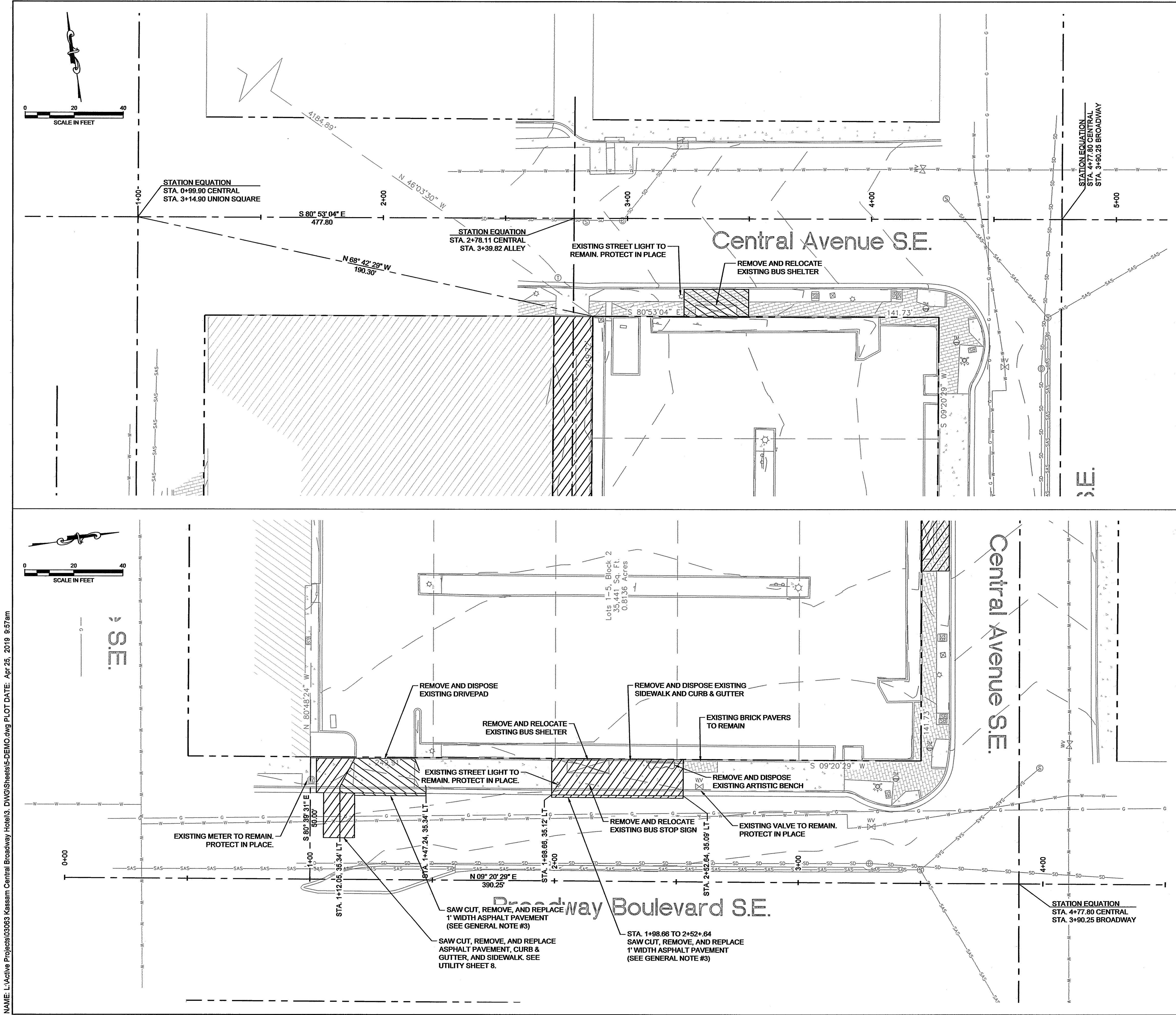
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HOTEL & PARKING STRUCTURE
222 CENTRAL AVENUE SE
ALBUQUERQUE, NM 87102

SHEET TITLE:
HOTEL
GRADING PLAN

ISSUED FOR:
CONSTRUCTION

SHEET NUMBER:
C-2.2

FOR INFORMATION ONLY



GENERAL NOTES:

- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
- SAW-CUT EDGES WILL BE STRAIGHT AND CLEAN AT ALL PAVEMENT REMOVAL AND REPLACEMENTS. LONGITUDINAL JOINTS WILL NOT BE REPLACED WITHIN WHEEL PATHS. PATCHES WILL BE REGULAR AND SQUARE OR RECTANGULAR WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE WILL BE FLUSH WITH EXISTING PAVEMENT SURFACE WITH NO SPILLOVER OR ASPHALT NOR 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 EXISTING ASPHALT HAS A SMOOTH AND UNIFORM EDGE WHEN PLACING NEW ASPHALT OR CONCRETE. IF THE EXISTING ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, THE CONTRACTOR WILL SAW-CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING PLACED; REFER TO COA STANDARD DRAWING # 2465 WITH APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.
- CURB & GUTTER AND SIDEWALK TO BE SAWCUT TO NEAREST JOINT.
- ADJUST ALL SURFACE FEATURES (MANHOLES, WATER VALVES, WATER METERS, ETC.) TO GRADE THAT ARE AFFECTED BY THE CONSTRUCTION OF THIS PROJECT.

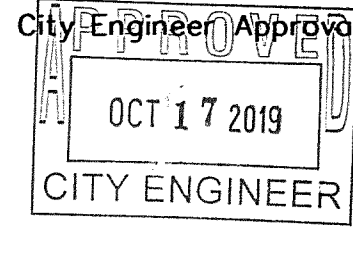
LEGEND

DEMOLITION



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

CENTRAL & BROADWAY PUBLIC INFRASTRUCTURE IMPROVEMENTS
DEMOLITION PLAN



Lost Design Update

CITY PROJECT NO.	657384	ZONE MAP NO.	K-14	SHEET	OF	9
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REVISIONS		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
1	04/2019	JS	04/2019	1	04/2019	1	04/2019	1	04/2019
2	04/2019	JS	04/2019	2	04/2019	2	04/2019	2	04/2019
3	04/2019	HF	04/2019	3	04/2019	3	04/2019	3	04/2019



1. CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
2. SAW-CUT EDGES WILL BE STRAIGHT AND CLEAN AT ALL PAVEMENT REMOVAL AND REPLACEMENTS. LONGITUDINAL JOINTS WILL NOT BE REPLACED WITHIN WHEEL PATHS. PATCHES WILL BE REGULAR AND SQUARE OR RECTANGULAR WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE WILL BE FLUSH WITH EXISTING PAVEMENT SURFACE WITH NO SPILLOVER OR ASPHALT NOR 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.
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5. ADJUST ALL SURFACE FEATURES (MANHOLES, WATER VALVES, WATER METERS, ETC.) TO GRADE THAT ARE AFFECTED BY THE CONSTRUCTION OF THIS PROJECT.
6. MATCH EXISTING GRADE AT ALLEY LIMITS, THROUGHOUT.

LEGEND

 DEMOLITION



City Engineer Approved
OCT 17 2019
CITY ENGINEER

Last Design Update

SHEET 5.2

GENERAL NOTES:

- ALL ADA CURB RAMP WILL HAVE A 8.33% MAXIMUM SLOPE. LANDING AREAS WILL HAVE A 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.
- THE CONTRACTOR WILL FIELD VERIFY THE EXISTING PUBLIC STREET PAVEMENT SECTIONS PRIOR TO CONSTRUCTION.
- ADJUST MANHOLE AND VALVE COLLARS TO GRADE AS NECESSARY.

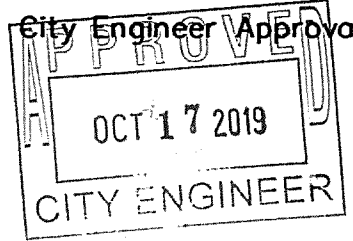
LEGEND

- NEW ASPHALT PAVEMENT
- NEW CONCRETE VALLEY GUTTER & SIDEWALK
- NEW BRICK SIDEWALK



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

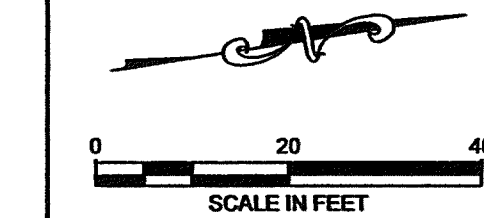
CENTRAL & BROADWAY PUBLIC INFRASTRUCTURE IMPROVEMENTS
ROADWAY CONSTRUCTION PLAN



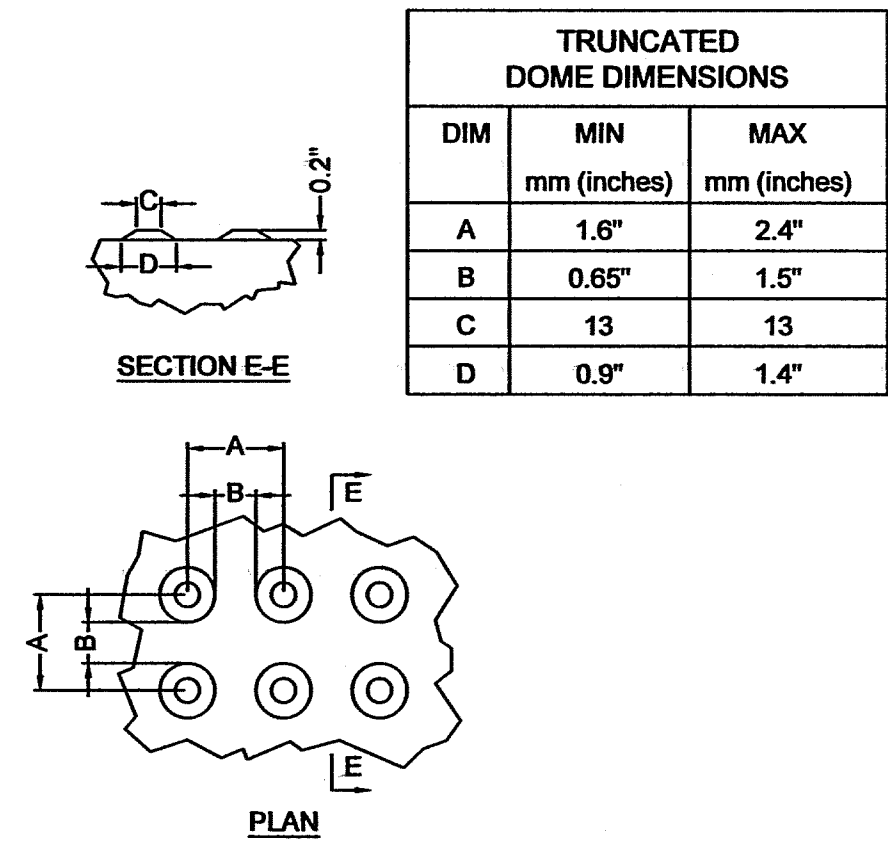
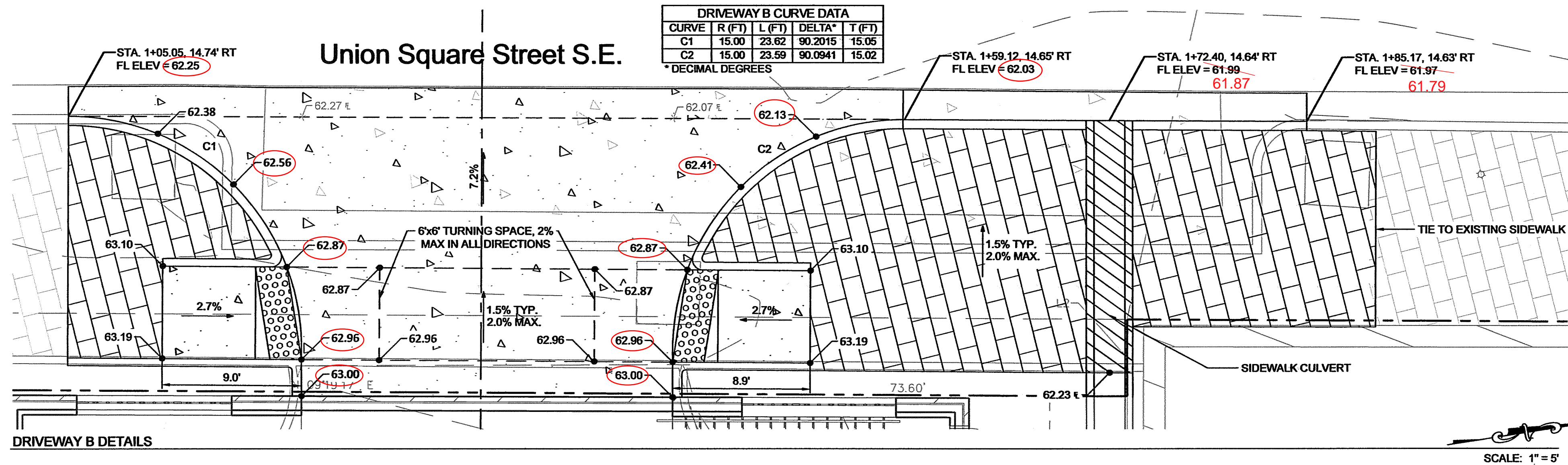
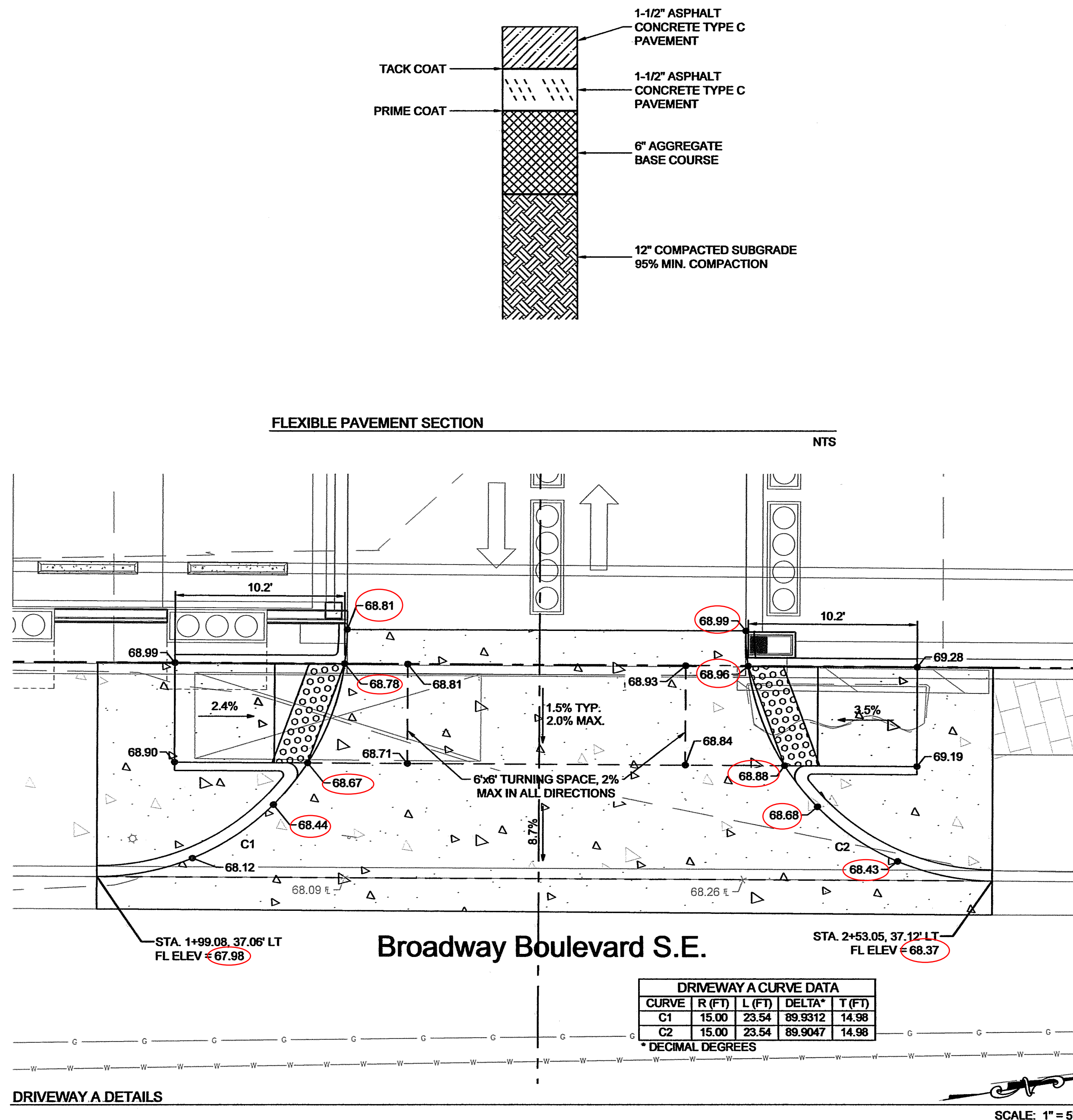
Last Design Update

Mo./Day/Yr.	Mo./Day/Yr.

CITY PROJECT NO.	657384	ZONE MAP NO.	K-14	SHEET	6.2	OF	9
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NAME: L:\Active Projects\03063 Kasam Central Broadway\03063 Kasam Central Broadway.dwg PLOT DATE: Apr 25, 2019 9:58am



NTS

INVERTED CROWN DEPTH WILL BE AS FOLLOWS:
a. STA. 0+98.15 THRU 1+55.04 = 0.4'
b. STA. 1+55.04 THRU 2+11.94 = 0.3'
c. STA. 2+11.94 THRU 2+68.83 = 0.2'
d. STA. 2+68.83 THRU 3+82.61 = 0.1'
e. STA. 3+82.61 THRU 3+99.60 = 0.2'

- ADA RAMP NOTES:**
- DETECTABLE WARNING SURFACES SHALL BE 2' WIDE AND SHALL BE CAST-IN-PLACE WITH REPLACEABLE DOMES.
 - HEADER CURB TO BE MONOLITHIC (SEE COA STD DWG 2441).
 - RAMPS SHALL HAVE A MAXIMUM RUNNING SLOPE OF 12:1.
 - ADA LANDINGS SHALL HAVE A MAXIMUM OF 2% IN ALL DIRECTIONS.

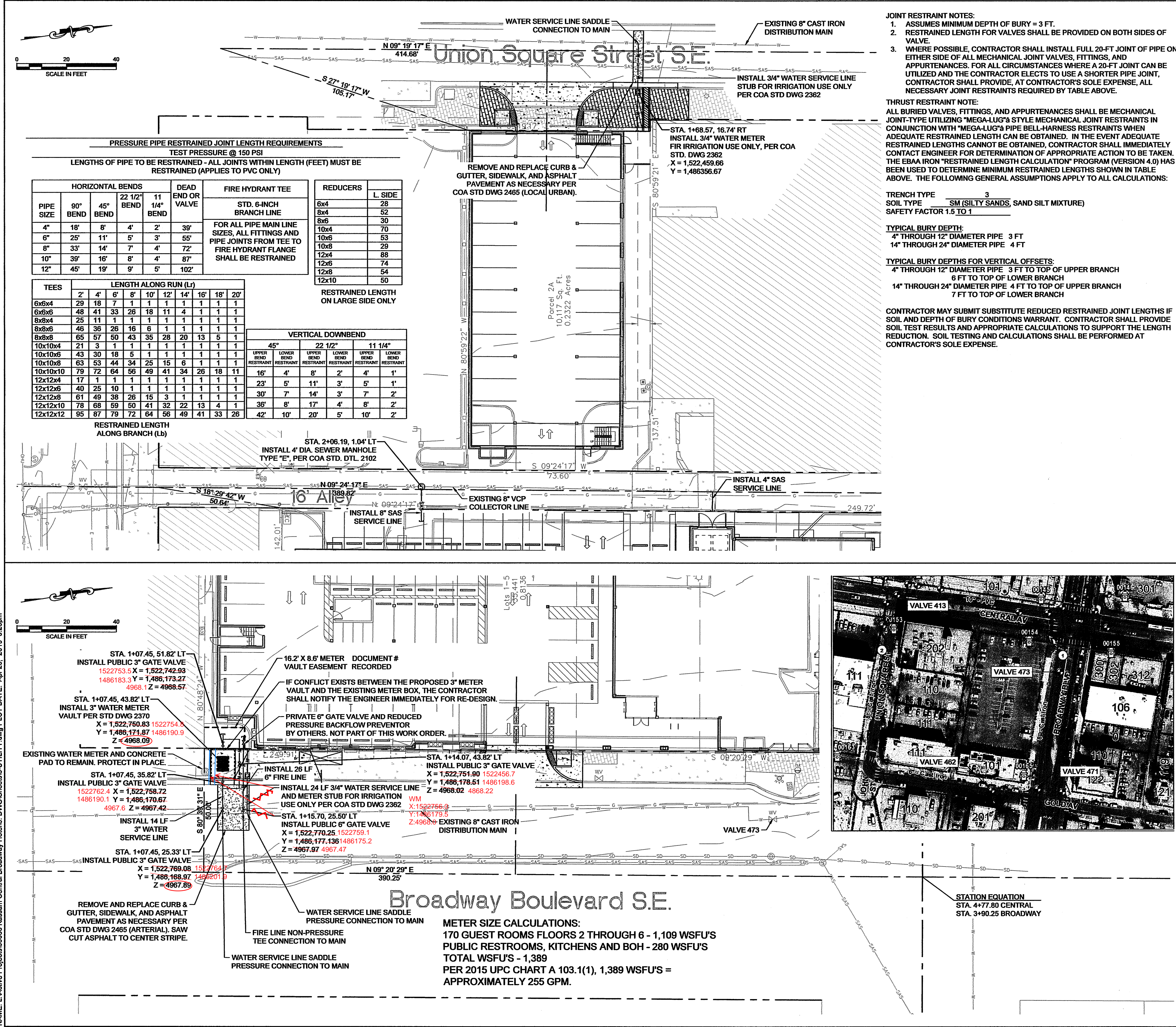
RESPEC
WATER & NATURAL RESOURCES
5971 JEFFERSON, STE 101
ALBUQUERQUE, NM 87109
PHONE (505) 368-4187

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

CENTRAL & BROADWAY PUBLIC INFRASTRUCTURE IMPROVEMENTS
ROADWAY DETAILS

Design Review Committee: APPROVED MAY 07 2019
City Engineer Approval: APPROVED OCT 17 2019
Last Design Update: Mo./Day/Yr. Mo./Day/Yr.

CITY PROJECT NO. 657384 ZONE MAP NO. K-14 SHEET 7 OF 9



WATER & SEWER CONSTRUCTION NOTES:

1. WATER VALVES WILL BE PER STD DWG 2326, 2328, 2329.
2. SEWER SERVICES WILL BE PER STD DWG 2125.
3. SEWER SERVICE CONNECTIONS WILL BE TEE-WYE PER DPM, VOL. 2, CH 24, SEC 2, PART E.
4. CONNECT SERVICE LINES TO MAIN PER STD DWG 2301.

GENERAL NOTES:

1. REFERENCE AVAILABILITY 180414 FOR WATER AND SEWER REQUIREMENTS.
2. TRACER WIRE WILL BE INSTALLED ON ALL PUBLIC WATER AND SEWER LINES.
3. 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. 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. SHUT-OFF REQUESTS MUST BE MADE ONLINE AT http://www.abcwua.org/Water_Shut_off_and_Turn_on_Procedures.aspx
4. CONTACT ENGINEER IF CONFLICT BETWEEN EXISTING AND PROPOSED WATER METER OCCURS.
5. TYPE BPPA BACKFLOW PREVENTERS FOR THE PROPOSED PRIVATE WATER LINES WILL BE PROVIDED INTERNAL TO THE PROPOSED BUILDING PER COA STD DWG 2385. CONTACT CROSS CONNECTION SECTION FOR INSPECTION. THIS APPROVAL IS REQUIRED PRIOR TO INSTALLATION OF THE METER.

GILBERT PARIS
505-289-3465
GP@ABCWUA.ORG
6. THE CONTRACTOR SHALL POT-HOLE TO VERIFY LOCATION OF FIBER OPTIC OR EXISTING UNDERGROUND POWER.
7. GREASE TRAPS WILL BE REQUIRED FOR SEWER SERVICES THAT WILL CARRY WASTE FROM RESTAURANTS. CONTACT THE PRE-TREATMENT ENGINEER, TRAVIS PEACOCK, AT 505-289-3439 FOR MORE INFORMATION.

WATER SHUT OFF PLAN:

1. ABCWUA STAFF ONLY FOR OPERATING VALVES. SEE GENERAL NOTE #3 ABOVE.
2. NON-PRESSURE CONNECTION SHUTOFF VALVES: 473 AND 471.

LEGEND

- W — W — EXISTING WATER LINE
- W — W — PROPOSED WATER LINE
- SAS — SAS — EXISTING SANITARY SEWER LINE
- SAS — SAS — PROPOSED SANITARY SEWER LINE
- ⊙ EXISTING SANITARY SEWER MANHOLE
- ⊙ EXISTING WATER VALVE
- ⊙ PROPOSED WATER VALVE
- ⊙ EXISTING WATER METER

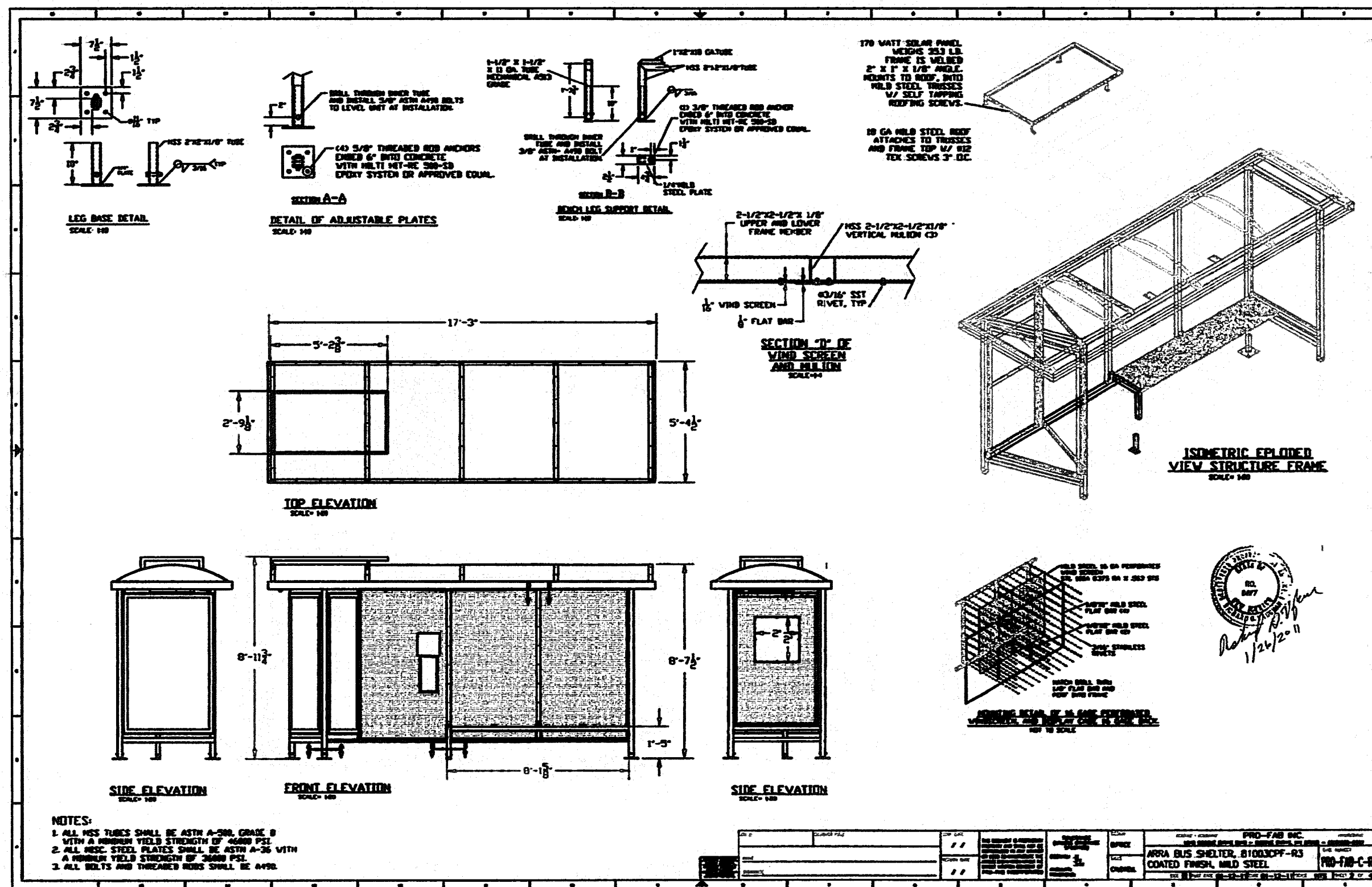


CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

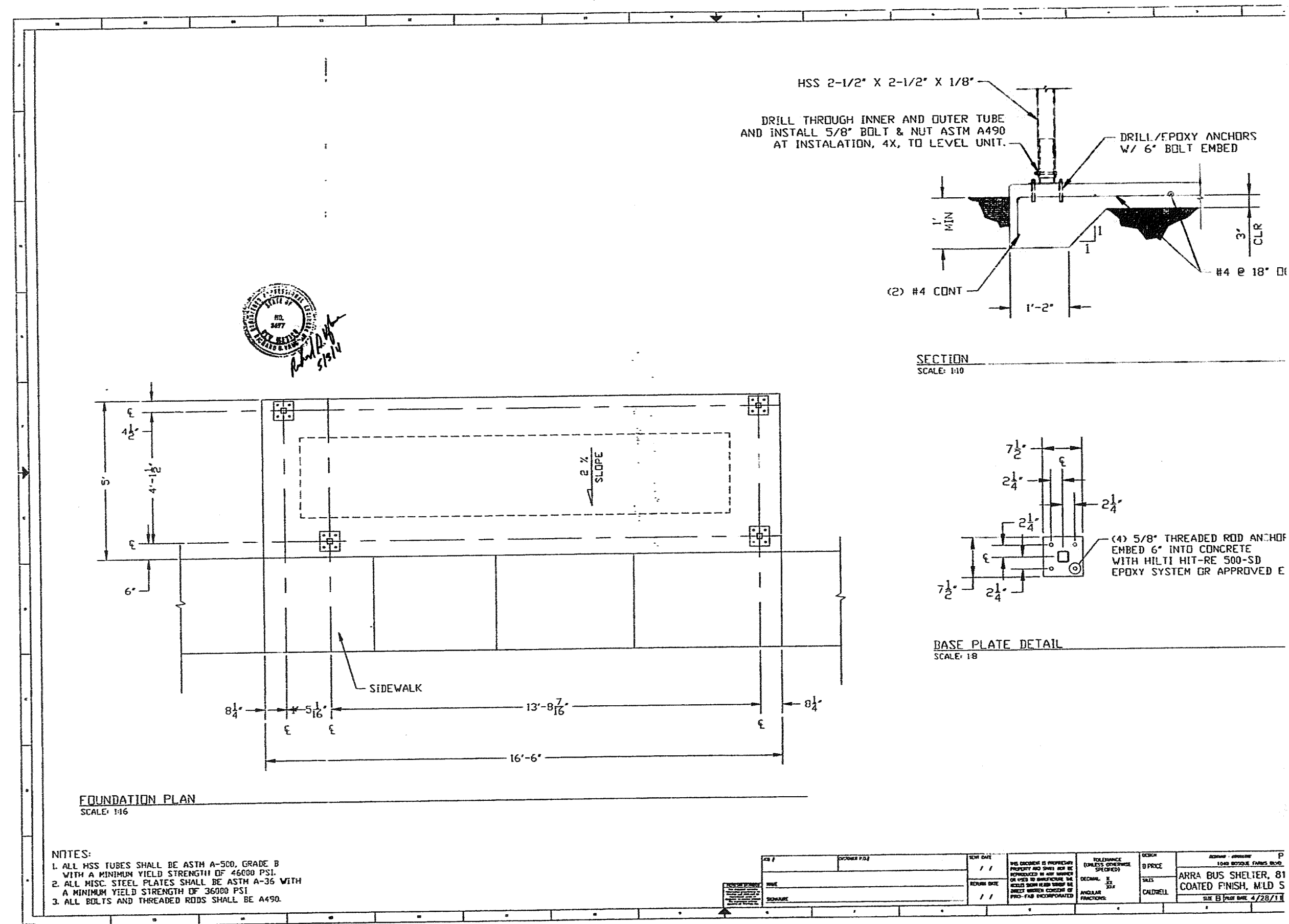
CENTRAL & BROADWAY PUBLIC INFRASTRUCTURE IMPROVEMENTS
UTILITY PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED MAY 07 2019 DESIGN REVIEW COMMITTEE	APPROVED OCT 17 2019 CITY ENGINEER		
Last Design Update			

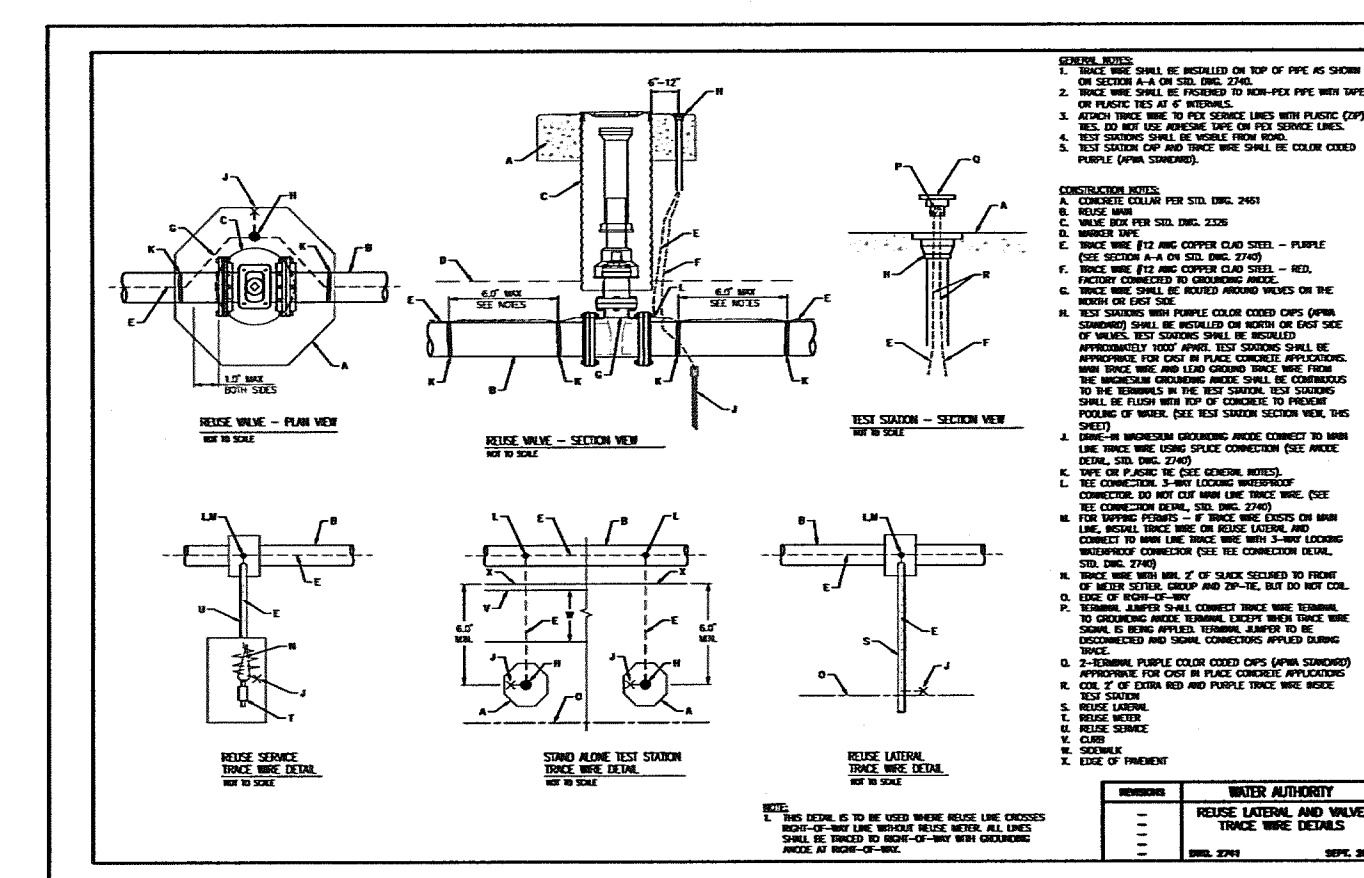
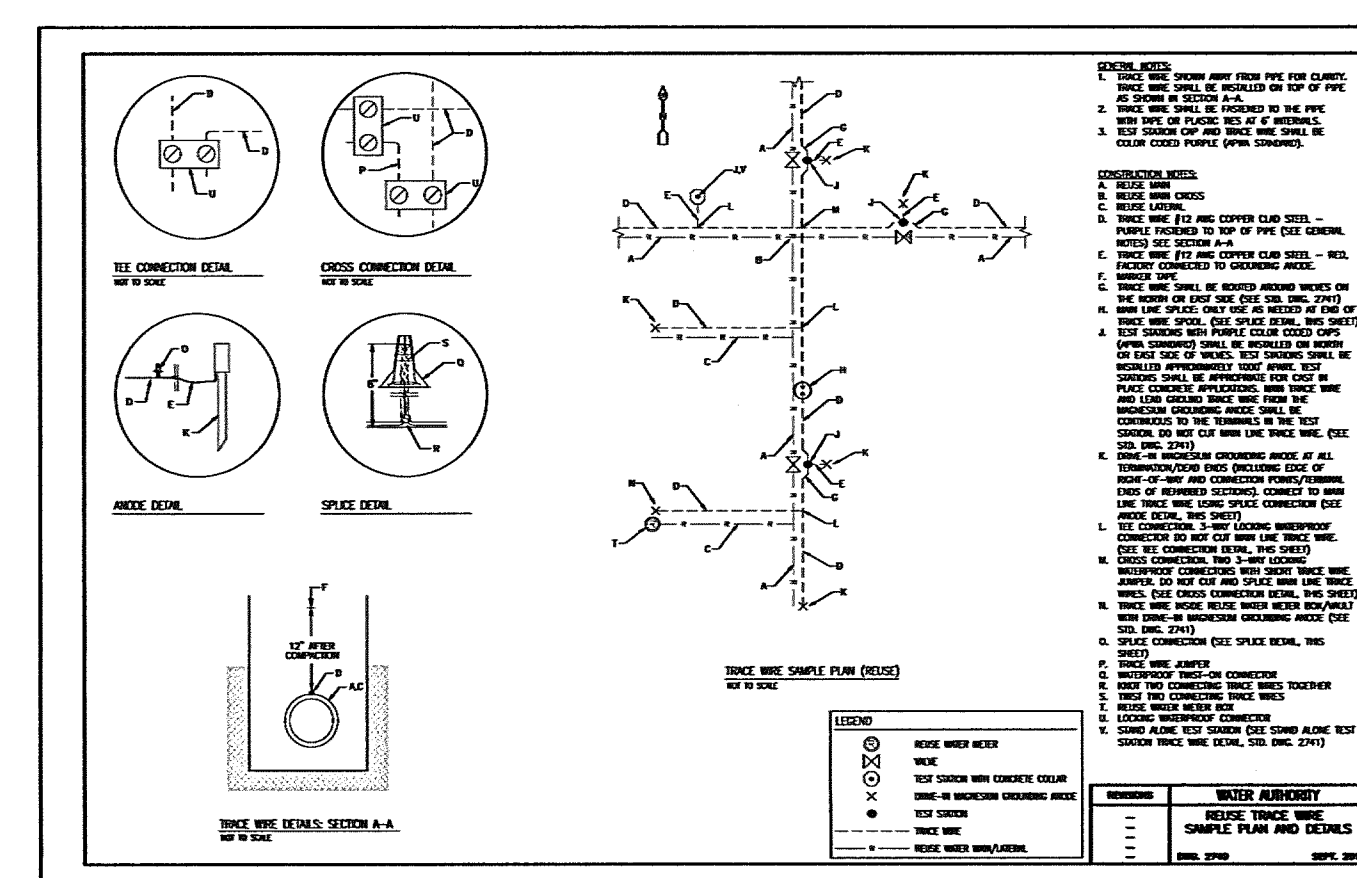
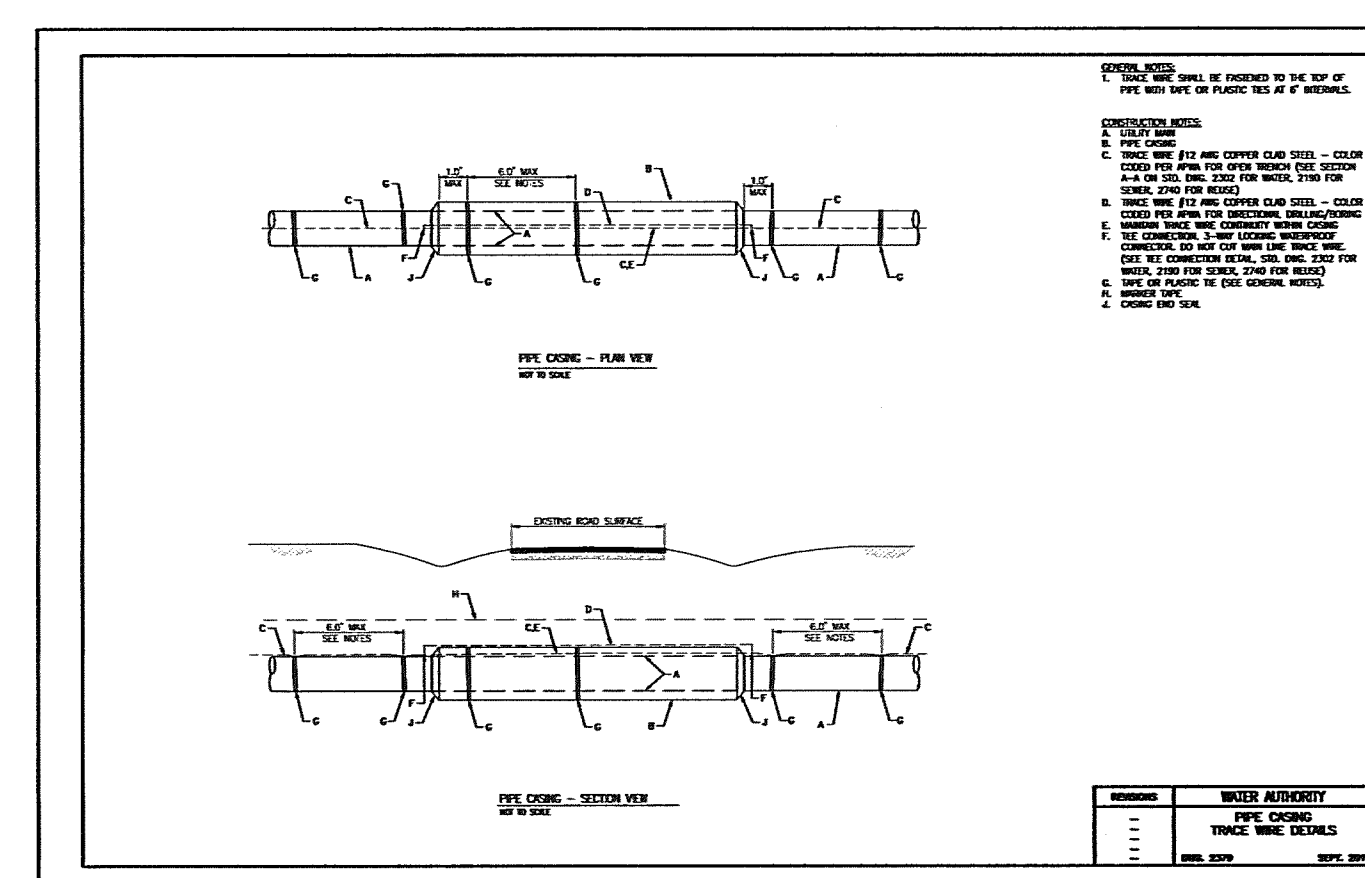
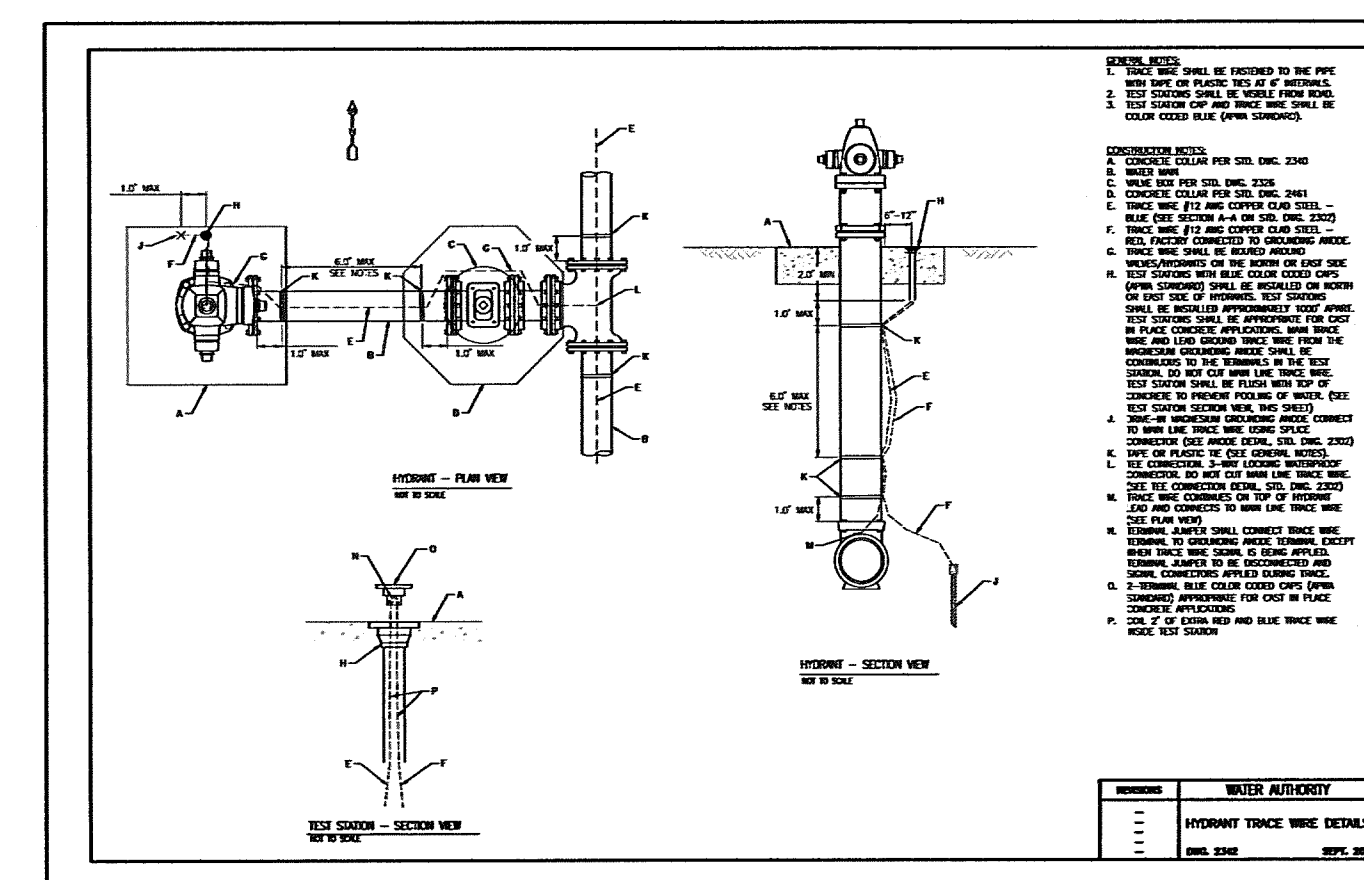
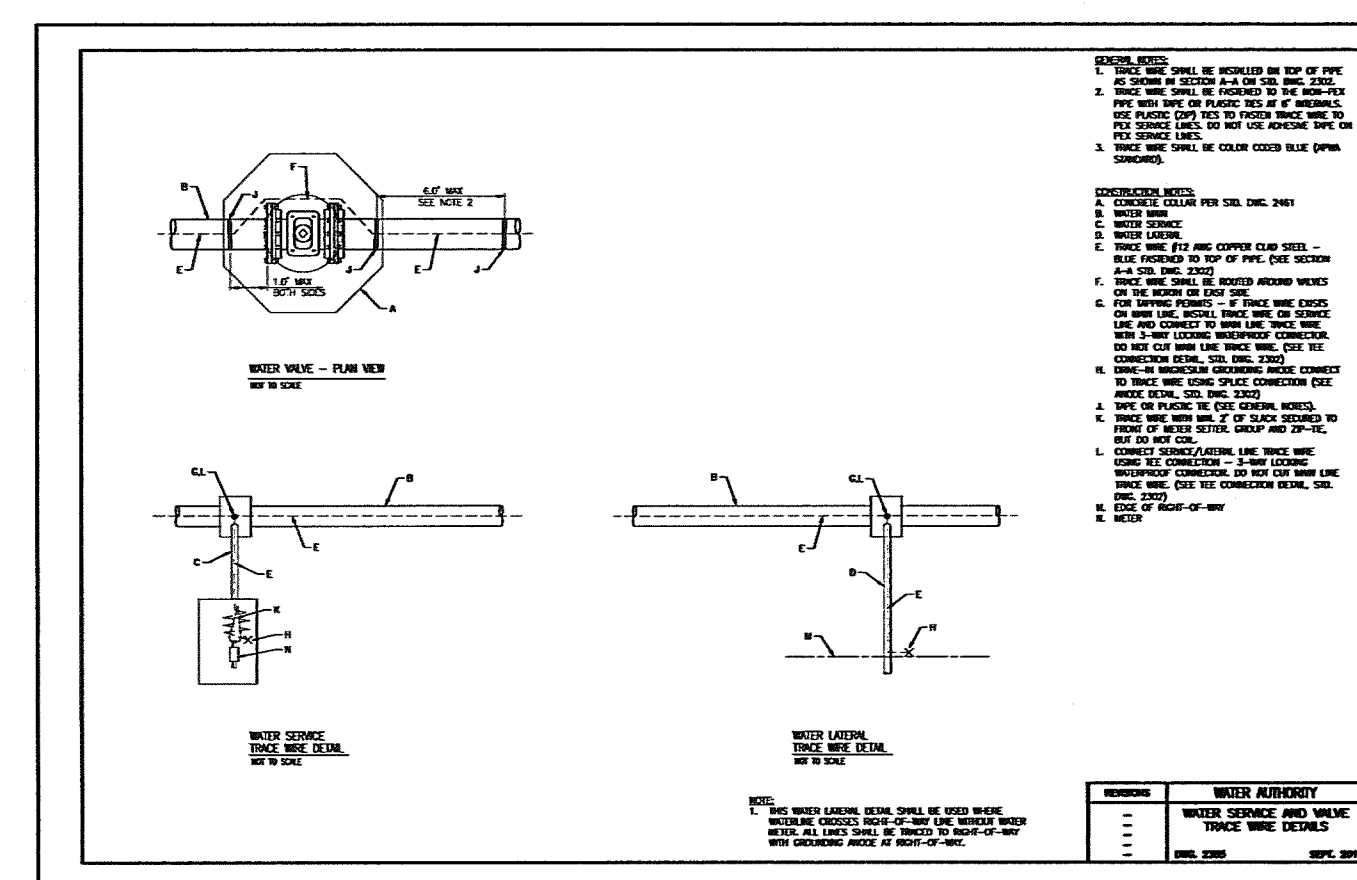
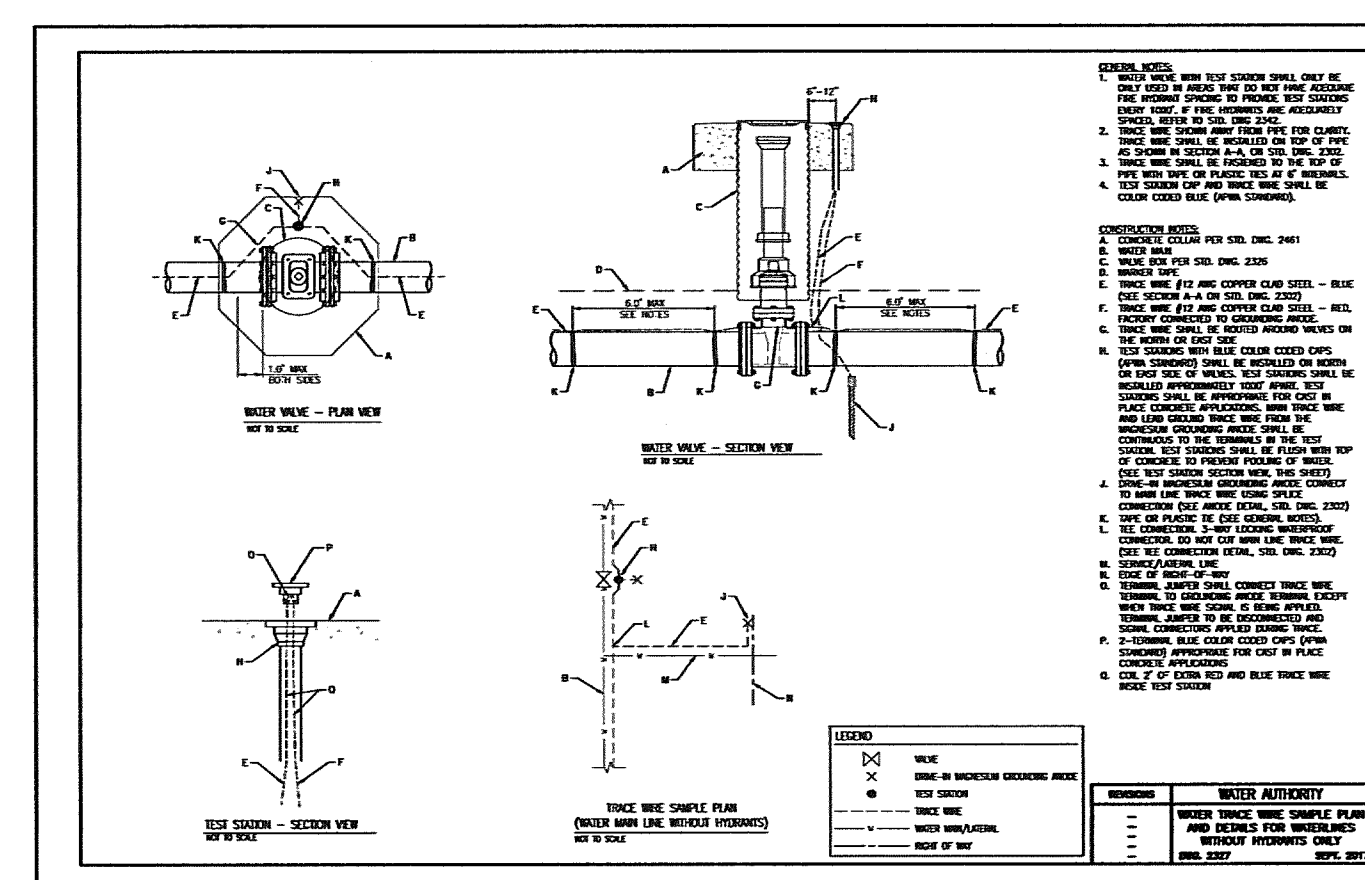
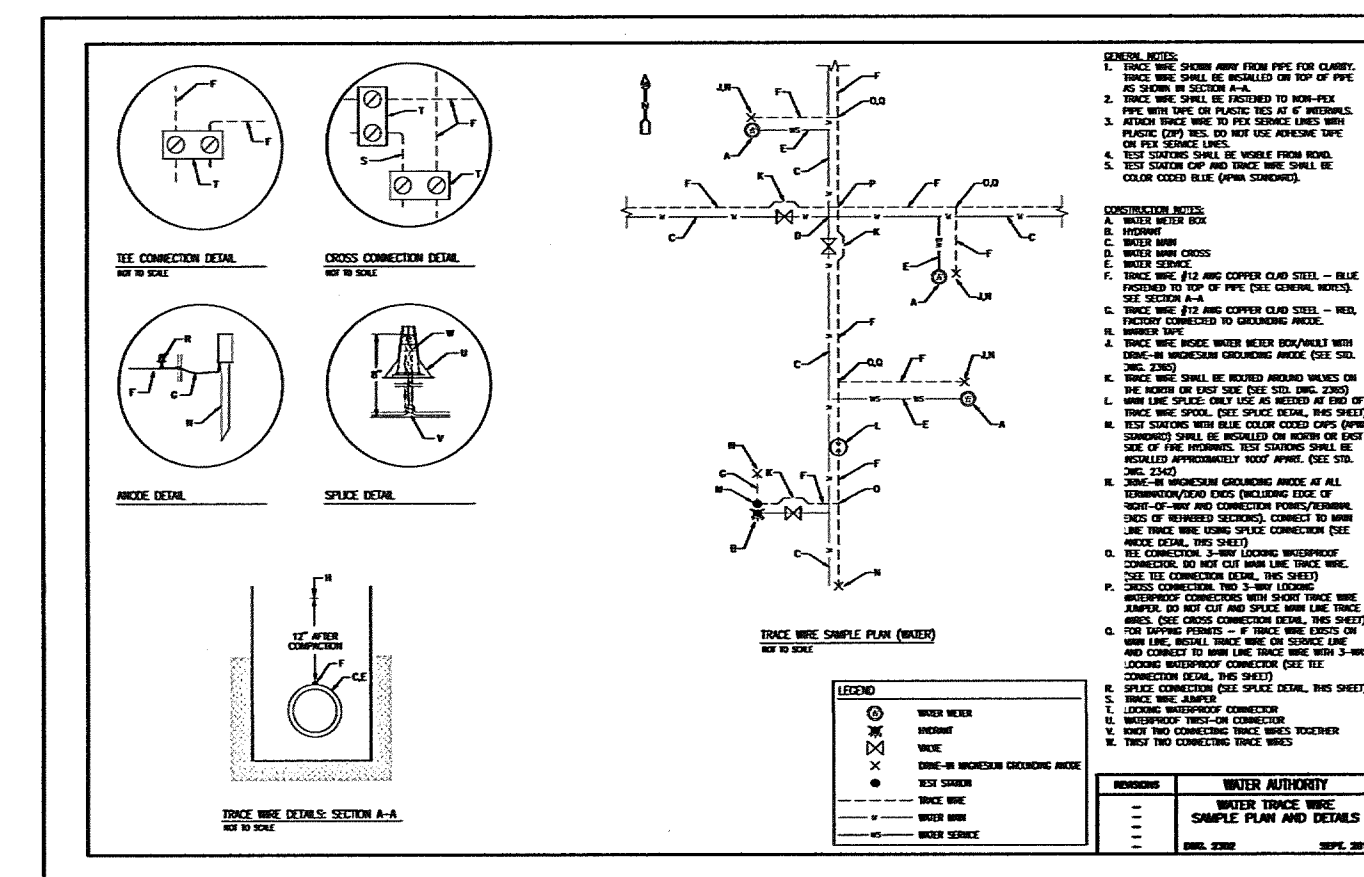
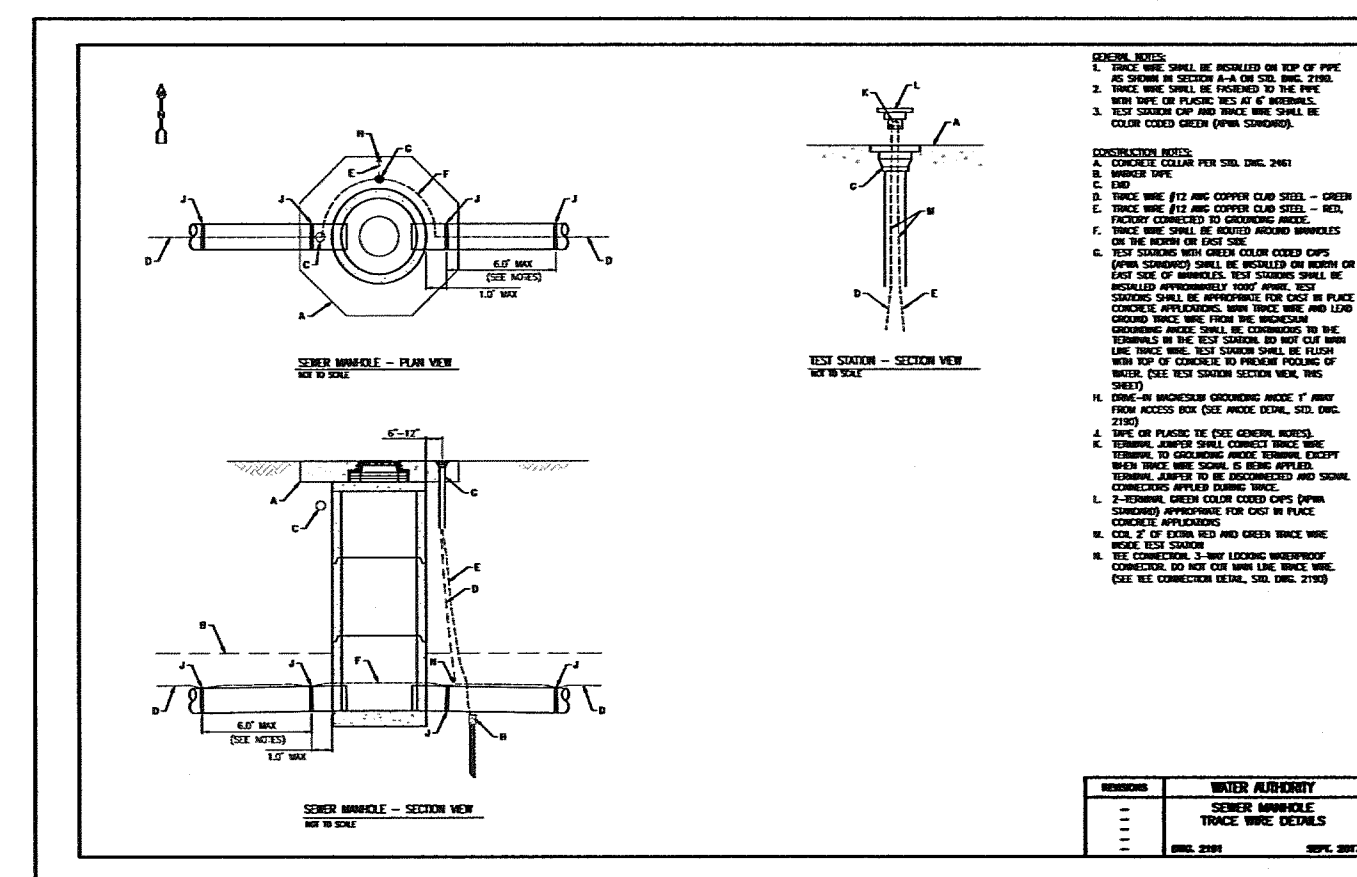
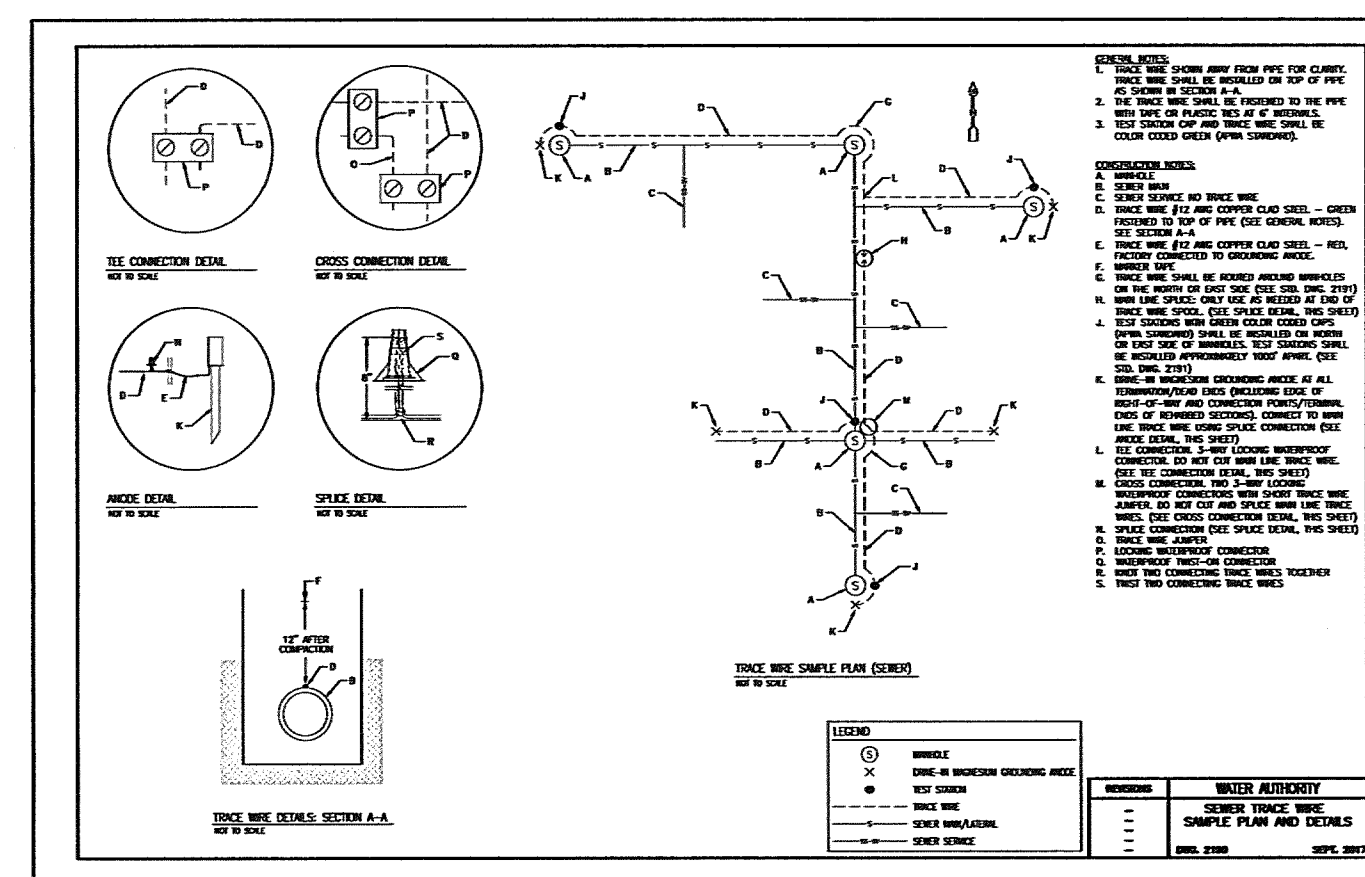
CITY PROJECT NO. 657384 ZONE MAP NO. K-14 SHEET 8 OF 9




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PROJECT NO. 101 PROJECT DESCRIPTION STRUCTURE IMPROVEMENTS DETAILS	REVISIONS		<div>ENGINEER'S SEAL</div> <div></div>	SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION			
				FIELD NOTES			CONTRACTOR			
				NO.	BY		DATE	ACS MONUMENT "18-K14"	WORK DONE BY	DATE
								HAVING AN ELEVATION	INSPECTOR'S	DATE
								OF 4963.415.	ACCEPTANCE BY	DATE
									VERIFICATION BY	DATE
									DRAWINGS	DATE
									REVISIONS BY	
									MICRO-FILM INFORMATION	
									RECORDED BY	DATE
							NO.			

FOR INFORMATION ONLY



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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

CENTRAL & BROADWAY PUBLIC INFRASTRUCTURE IMPROVEMENTS
TRACER WIRE DETAILS

Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.	
CITY PROJECT NO. 657384				ZONE MAP NO. K-14		SHEET 10 OF 10		