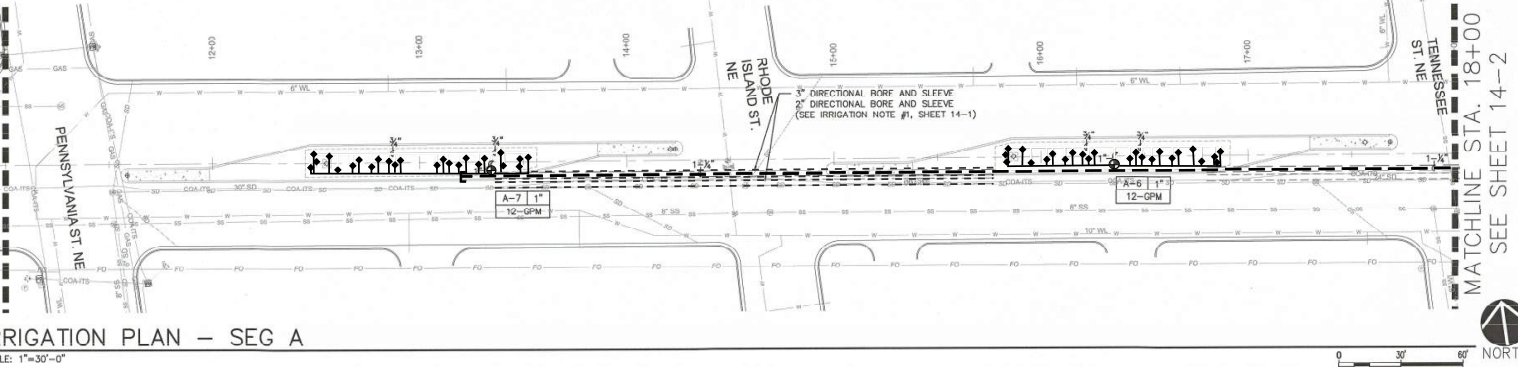


BEGINNING OF SEG. A
STA. 11+00

A1 IRRIGATION PLAN - SEG A

SCALE: 1"=30'-0"



IRRIGATION LEGEND

- M** INSTALL 1.5" WATER METER YOKE AND METER BOX WITH CONCRETE COLLAR. SIZE AS SHOWN ON PLAN. DEPTH OF BURY 24" FOR CONTINUOUS PRESSURE METER WITH ASDWA.
- INSTALL 1.5" WATER SERVICE LINE PER COA STD. DWG. 2362.
- INSTALL IRRIGATION MAIN LINE, SCHEDULE 40, BELL END, SOLVENT WELD PVC. SIZE AS SHOWN ON PLAN. DEPTH OF BURY 24" FOR CONTINUOUS PRESSURE MAIN, 18" FOR NON-CONTINUOUS PRESSURE MAIN.
- INSTALL LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 10". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4".
- INSTALL MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC.
- INSTALL 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC.
- INSTALL REMOTE CONTROL VALVE ASSEMBLY, RAIN BIRD PEB SERIES, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER COA DWG. 2705.
- ✂** INSTALL MANUAL ISOLATION VALVE ASSEMBLY, SCH. 80 PVC BALL VALVE WITH UNIONS, SAME SIZE AS LINE. INSTALL PER COA DWG. 2707.
- ⊞** INSTALL PEBCO 825VA, 1.5" REDUCED PRESSURE BACKFLOW PREVENTER IN INSULATED HOT ROK ENCLOSURE WITH INSULATED ENVELOPE AND 1.5" RAIN BIRD PEB SERIES MASTER VALVE PER COA STD DWG. 2702. SIMILAR INCREASE THICKNESS OF CONCRETE SLAB TO 8". DELETE GFI AND HEAT CABLE AND ASSOCIATED CONDUITS, FITTINGS, ETC. AND INSTALL FLOW SENSOR COMMUNICATION WIRE IN 3/4" PVC CONDUIT FROM CONTROLLER TO MASTER VALVE BOX. SEE NOTE #7 FOR ENCLOSURE.
- △** INSTALL AIR RELEASE VALVE ASSEMBLY, CRISPIN AL-10 (BUY AMERICA COMPLIANT), OR EQUAL, SIZE 1". INSTALL PER COA DWG. 2706. VAL-MATIC MODEL 3800 AND 4000 200A (BUY AMERICA COMPLIANT MODEL) ARE ACCEPTABLE AIR RELEASE VALVE ALTERNATES. SEE IRRIGATION NOTE #6.
- △** INSTALL PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES PER DETAIL E/14-14 AND AS FOLLOWS:
MODEL NO. GPM PSI
1401 25 (1 PER YUCCA) 30
1402 50 (1 PER SHRUB) 30
1404 1.0 (3 PER TREE) 30
- L** INSTALL SOLVENT WELD PVC CAP, SIZE PER LINE SIZE.
- A** INSTALL IRRIGATION CONTROLLER, RAINBIRD M MODEL #S-RD-RJ-SO DC CONTROLLER WITH 12 STATION OUTPUTS, 4 INPUTS, UHF HI POWER RADIO WITH TRANSFORMER AND ANTENNA. INSTALL IN UL RATED INTERSPEC SOLAR PEDESTAL PER DETAIL G/14-14. ENCLOSURE SHALL BE POWDER COATED. COLOR: TAN. PROVIDE GRADING PROTECTION TO CONTROLLER PER DETAIL E/14-13.

IRRIGATION NOTES

- WHERE SLEEVING IS SHOWN ON THE PLAN, INSTALLATION SHALL BE COORDINATED WITH ALL TRADES TO ENSURE THAT PIPE AND SLEEVES ARE INSTALLED AT PROPER DEPTHS AND PRIOR TO INSTALLATION OF CONCRETE PAVING. ENDS OF SLEEVES SHALL EXTEND 2' BEYOND ENDS OF EXISTING PAVEMENT OR NEW MEDIAN NOE PAVEMENT.
- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
- THE LOCATION OF IRRIGATION EQUIPMENT ON THE PLAN IS SHOWN DIAGRAMMATICALLY FOR GRAPHIC CLARITY. THE LOCATION OF EQUIPMENT SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE IN THE FIELD PRIOR TO INSTALLATION.
- VALVE BOXES SHALL BE TAN WITH TAN BOLT-DOWN LIDS.
- IRRIGATION SYSTEM WAS DESIGNED AT THE FOLLOWING MINIMUM STATIC PRESSURE AT EACH POINT OF CONNECTION (POC). CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN NOTED PSI, THE CONTRACTOR SHALL RECDVE DIRECTION FROM LANDSCAPE ARCHITECT PRIOR TO PROCEEDING REGARDING DESIGN MODIFICATIONS IF NECESSARY:
5.1. POINT OF CONNECTION LOCATION #1: 90.5 PSI
5.2. POINT OF CONNECTION LOCATION #2: 74.2 PSI
5.3. POINT OF CONNECTION LOCATION #3: 88.5 PSI
5.4. POINT OF CONNECTION LOCATION #4: 78.9 PSI
5.5. POINT OF CONNECTION LOCATION #5: 64.7 PSI
- AIR RELEASE VALVE LOCATIONS ARE SHOWN SCHEMATICALLY ON THE PLAN AT HIGH POINTS IN ELEVATION. CONTRACTOR SHALL SURVEY FINAL LOCATIONS OF ALL AIR RELEASE VALVES PRIOR TO INSTALLATION TO ENSURE THAT THEY ARE LOCATED AT ACTUAL HIGH POINTS.
- ENCLOSURE FOR BACKFLOW PREVENTER SHALL BE "HOT ROK" MODEL #GR2 INSULATED ENCLOSURE WITH AN INSULATED ENVELOPE, WITH HINGED LID, CLASP FOR LOCK, AND L-SHAPED METAL CLASP REINFORCEMENT (LOCK BY OWNER) PER DETAIL G/14-13. CONTRACTOR SHALL ENSURE THAT CLASP IS OF ADEQUATE LENGTH TO ACCOMMODATE LOCK. "HOT ROK" COLOR: CLAY. CONCRETE PAD SHALL BE 6"x6"x8".
- NO TREES SHALL OCCUR WITHIN ONE (1) FOOT OF BACK OF CURB.
- MAINLINE AND LATERALS SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET AWAY FROM TRUNKS OF TREES.
- VALVE BOXES SHALL BE LOCATED SO EDGE OF VALVE BOX IS MINIMUM 2' FROM EDGE OF MATURE SPREAD OF SHRUBS (DISTANCE VARIES WITH SPECIES) AND MINIMUM 0'-0" FROM EDGE OF TREE ROOT BALL.
- A MINIMUM OF 36-INCHES SHALL BE PROVIDED BETWEEN ADJACENT VALVE BOXES.
- CONTRACTOR SHALL PROVIDE THREE (3) 1.0 GPM BUBBLERS PER TREE.
- CONTRACTOR SHALL PROVIDE ONE (1) 0.5 GPM BUBBLER PER SHRUB (OTHER THAN YUCCA. SEE NOTE #14 BELOW).
- CONTRACTOR SHALL PROVIDE ONE (1) 0.25 GPM BUBBLER PER YUCCA.
- BUBBLERS AT TREES SHALL BE LOCATED THREE (3) FEET FROM CENTER OF TREE TRUNK, TRIANGULATED AROUND THE ROOT BALL. BUBBLERS AT SHRUBS SHALL BE LOCATED 18" FROM CENTER OF PLANT. BUBBLERS AT PERENNIALS SHALL BE LOCATED 12" FROM CENTER OF PLANT. WHERE A SHRUB OR PERENNIAL IS LOCATED ON A SLOPE, BUBBLER SHALL BE INSTALLED ON THE HIGH SIDE OF THE SLOPE. WHERE A TREE IS LOCATED ON A SLOPE, TWO BUBBLERS SHALL BE LOCATED ON THE HIGH SIDE OF THE TREE WITH THE INFL CENTERED BETWEEN THE BUBBLERS AND ONE BUBBLER SHALL BE LOCATED ON THE LOW SIDE OF THE TREE WITH THE BUBBLER CENTERED BETWEEN THE TWO BUBBLERS ON THE HIGH SIDE.

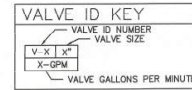
IRRIGATION AS BUILT

LANDSCAPE CONSTRUCTED
OCT. 2020 - MARCH 2021

IRRIGATION COMPLETED BY
ACCENT LANDSCAPE CONTRACTORS
5919 EDITH BLVD. NE
ALBUQUERQUE, NM 87107
505-881-4880

GENERAL NOTES:

- SEE SHEET 11-1 FOR EXISTING UTILITIES LEGEND.
- SEE SHEET 14-1 FOR IRRIGATION LEGEND AND IRRIGATION NOTES.
- SEE SHEETS 14-7 TO 14-12 FOR DEMOLITION AND CONSTRUCTION PLANS AND NOTES.
- CONTRACTOR SHALL 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 SHALL SAW CUT AND REPLACE 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 (ARTERIAL). BEVEL SAWCUT AT A 45° ANGLE.



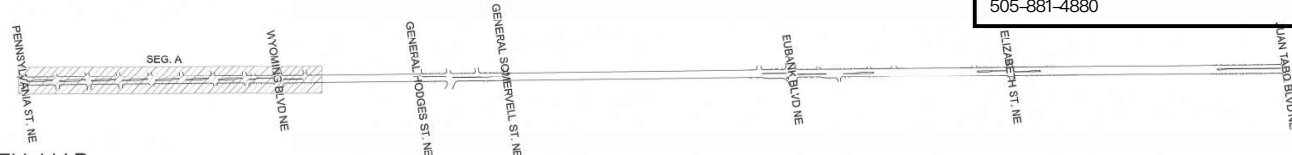
IRRIGATION KEYED NOTES

- REMOVE AND REPLACE ASPHALT PAVEMENT AT IRRIGATION TAPS PER COA STD DWG #2465 AND DETAIL B/14-4.
- REMOVE AND REPLACE CONCRETE PAVEMENT AT IRRIGATION TAPS PER COA STD DWG #2450, #2465 AND DETAIL C/14-4.
- REMOVE AND REPLACE STANDARD CONCRETE CURB AND GUTTER AT IRRIGATION TAPS PER COA STD DWG #2415A AND DETAIL C/14-4.
- LIMITS OF PAVEMENT REMOVAL WITHIN MEDIAN - SEE SHEETS 14-7 TO 14-12, KEYED NOTE #14.

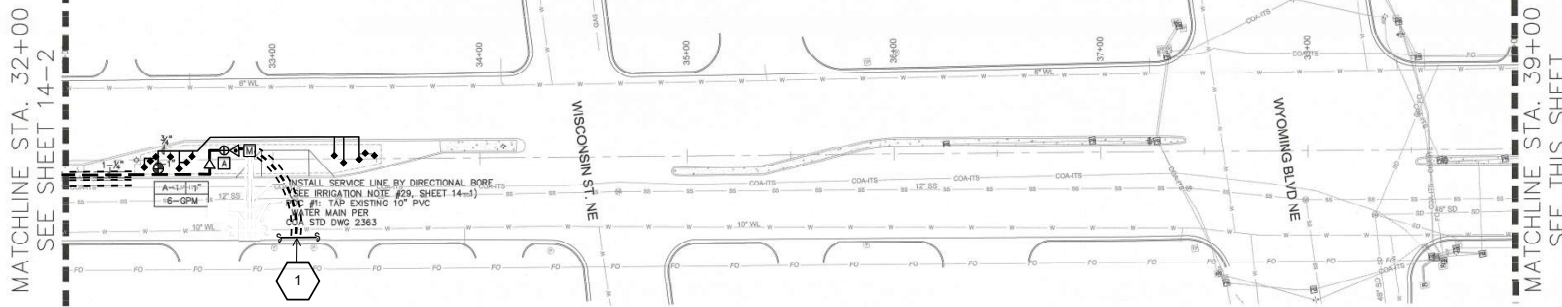
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGNED BY		CHECKED BY	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
ACCENT LANDSCAPE CONTRACTORS		ACCENT LANDSCAPE CONTRACTORS											
PROJECT NO.	DATE	PROJECT NO.	DATE										
14-122 1996/92 SET FLUSH WITH THE TOP OF		14-122 1996/92 SET FLUSH WITH THE TOP OF											
ALBUQUERQUE AT THE INTERSECTION OF CENTRAL		ALBUQUERQUE AT THE INTERSECTION OF CENTRAL											
AVENUE AND THE ACCESS ROAD TO WHISPERING		AVENUE AND THE ACCESS ROAD TO WHISPERING											
SANUS APARTMENT COMPLEX, PLANE CENTRAL		SANUS APARTMENT COMPLEX, PLANE CENTRAL											
STATION 14+00.00 ELEV=5586.425		STATION 14+00.00 ELEV=5586.425											

A2 KEY MAP

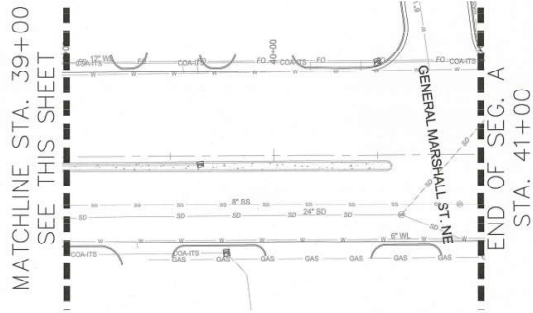
SCALE: N.T.S.



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
ALBUQUERQUE COMPLETE STREETS: EAST CENTRAL AVE. FROM PENNSYLVANIA ST. TO TRAMWAY BLVD.	
IRRIGATION PLAN - SEG. A	
City Project No.	NMOOT-00
Zone Map No.	K-19, K-20
Sheet No.	14-1



A1 IRRIGATION PLAN - SEG. A
SCALE: 1"=30'-0"

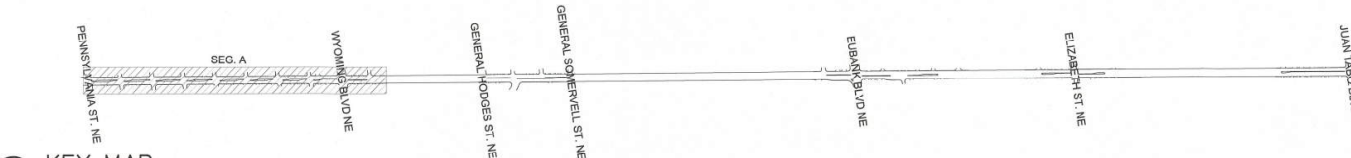


A2 IRRIGATION PLAN - SEG. A
SCALE: 1"=30'-0"

IRRIGATION AS BUILT

LANDSCAPE CONSTRUCTED
OCT. 2020 - MARCH 2021

IRRIGATION COMPLETED BY
ACCENT LANDSCAPE CONTRACTORS
5919 EDITH BLVD. NE
ALBUQUERQUE, NM 87107
505-881-4880



A3 KEY MAP
SCALE: N.T.S.

IRRIGATION LEGEND (SEE SHEET 14-1 FOR COMPLETE LEGEND)

- INSTALL 1.5" WATER METER YOK AND WATER METER BOX (WATER METER BY ACCENT)
- INSTALL 1.5" WATER SERVICE LINE
- INSTALL IRRIGATION MAIN LINE
- INSTALL LATERAL PIPING
- INSTALL MAIN LINE AND LATERAL SLEEVE
- INSTALL 24-VOLT IRRIGATION WIRE SLEEVE PIPING
- INSTALL REMOTE CONTROL VALVE ASSEMBLY
- INSTALL MANUAL ISOLATION VALVE ASSEMBLY
- INSTALL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY
- INSTALL AIR RELEASE VALVE ASSEMBLY
- INSTALL PRESSURE COMPENSATING BUBBLER ASSEMBLIES
- 1401 .25
1402 .50
1404 1.0
(3 PER TREE)
- INSTALL SOLVENT WELD PVC CAP
- INSTALL IRRIGATION CONTROLLER, SEG. A

IRRIGATION KEYED NOTES

- REMOVE AND REPLACE ASPHALT PAVEMENT AT IRRIGATION TAPS PER COA STD DWG #2405 AND DETAIL 8/14-4.
- REMOVE AND REPLACE CONCRETE PAVEMENT AT IRRIGATION TAPS PER COA STD DWG #2450, #2465 AND DETAIL C/14-4.
- REMOVE AND REPLACE STANDARD CONCRETE CURB AND GUTTER AT IRRIGATION TAPS PER COA STD DWG #2415A AND DETAIL C/14-4.
- LIMITS OF PAVEMENT REMOVAL WITHIN MEDIAN - SEE SHEETS 14-7 TO 14-12, KEYED NOTE #14.

GENERAL NOTES:

- SEE SHEET 11-1 FOR EXISTING UTILITIES LEGEND.
- SEE SHEET 14-1 FOR IRRIGATION LEGEND AND IRRIGATION NOTES.
- SEE SHEETS 14-7 TO 14-12 FOR DEMOLITION AND CONSTRUCTION PLANS AND NOTES.
- CONTRACTOR SHALL 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 SHALL SAW OUT AND REPLACE ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED. REFER TO C.O.A. STANDARD DRAWING #2405 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION (ARTERIAL). BEVEL SAWCUT AT A 45° ANGLE.

WILSON & COMPANY CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION ALBUQUERQUE COMPLETE STREETS: EAST CENTRAL AVE. FROM PENNSYLVANIA ST. TO TRAMWAY BLVD. IRRIGATION PLAN - SEG. A	
City Project No.: NM001-ON 631994	Design No.: K-19, K-20 1-20, 1-21, 1-22
Sheet No.: 14-3	Date: MAY 2021 Drawn by: CC Checked by:

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
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BEGINNING OF SEG C
PROJECT STA. 88+00

GLORIA ST. NE

ELBANK BLVD NE

MATCHLINE STA. 95+00
SEE THIS SHEET

IRRIGATION LEGEND (SEE SHEET 14-1 FOR COMPLETE LEGEND)

- [M]** INSTALL 1.5" WATER METER YOKES AND WATER METER BOX (WATER METER BY ABCWJA)
- INSTALL 1.5" WATER SERVICE LINE.
- INSTALL IRRIGATION MAIN LINE.
- == INSTALL LATERAL PIPING.
- == INSTALL MAIN LINE AND LATERAL SLEEVE PIPING.
- INSTALL 24-VOLT IRRIGATION WIRE SLEEVE PIPING.
- ⊙ INSTALL REMOTE CONTROL VALVE ASSEMBLY.
- I INSTALL MANUAL ISOLATION VALVE ASSEMBLY.
- ⊙ INSTALL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY.
- △ INSTALL AIR RELEASE VALVE ASSEMBLY.
- △ INSTALL PRESSURE COMPENSATING BUBBLER ASSEMBLIES.
- 1401 25
• 1402 50
• 1404 1.0
• 1404 (3 PER TREE)
- L INSTALL SOLVENT WELD PVC CAP.
- [G] INSTALL IRRIGATION CONTROLLER, SEG. C.

A1 IRRIGATION PLAN - SEG. C

SCALE: 1"=30'-0"

MATCHLINE STA. 95+00
SEE THIS SHEET

POC #3: TAP EXISTING 10" STEEL WATER MAIN PER COA STD DWG 2363
INSTALL SERVICE LINE BY DIRECTIONAL BORE (SEE IRRIGATION NOTE #29, SHEET 14-1)

END OF SEG. C
STA. 101+00

A2 IRRIGATION PLAN - SEG. C

SCALE: 1"=30'-0"

IRRIGATION AS BUILT

LANDSCAPE CONSTRUCTED
OCT. 2020 - MARCH 2021

IRRIGATION COMPLETED BY
ACCENT LANDSCAPE CONTRACTORS
5919 EDITH BLVD. NE
ALBUQUERQUE, NM 87107
505-881-4880

IRRIGATION KEYED NOTES

1. REMOVE AND REPLACE ASPHALT PAVEMENT AT IRRIGATION TAPS PER COA STD DWG #2465 AND DETAIL B/14-4.
2. REMOVE AND REPLACE CONCRETE PAVEMENT AT IRRIGATION TAPS PER COA STD DWG #2465 AND DETAIL C/14-4.
3. REMOVE AND REPLACE STANDARD CONCRETE CURB AND GUTTER AT IRRIGATION TAPS PER COA STD DWG #2415A AND DETAIL C/14-4.
4. LIMITS OF PAVEMENT REMOVAL WITHIN MEDIAN - SEE SHEETS 14-7 TO 14-12, KEYED NOTE #14.

GENERAL NOTES:

1. SEE SHEET 11-1 FOR EXISTING UTILITIES LEGEND.
2. SEE SHEET 14-1 FOR IRRIGATION LEGEND AND IRRIGATION NOTES.
3. SEE SHEETS 14-7 TO 14-12 FOR DEMOLITION AND CONSTRUCTION PLANS AND NOTES.
4. CONTRACTOR SHALL 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 SHALL SAW CUT AND REPLACE 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, (ARTERIAL), BEVEL SAWCUT AT A 45° ANGLE.

A3 KEY MAP

SCALE: N.T.S.

PENNSYLVANIA ST. NE

WYOMING BLVD NE

GENERAL LOGGESS ST. NE

GENERAL CORNWELL ST. NE

ELBANK BLVD NE

ELIZABETH ST. NE

JUAN TABO BLVD NE



WILSON & COMPANY
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
ALBUQUERQUE COMPLETE STREETS: EAST
CENTRAL AVE. FROM PENNSYLVANIA ST. TO TRAMWAY BLVD.
IRRIGATION PLAN - SEG. C

NO.	DATE	REMARKS	BY
1	05/20/2018	DESIGNED BY	WILSON & COMPANY
2	05/20/2018	DRAWN BY	WILSON & COMPANY
3	05/20/2018	CHECKED BY	WILSON & COMPANY

City Project No. 631994 NMDOT CN A300844 Zone Map No. X-19, K-20 L-20, L-21, L-22 Sheet No. 14-5

