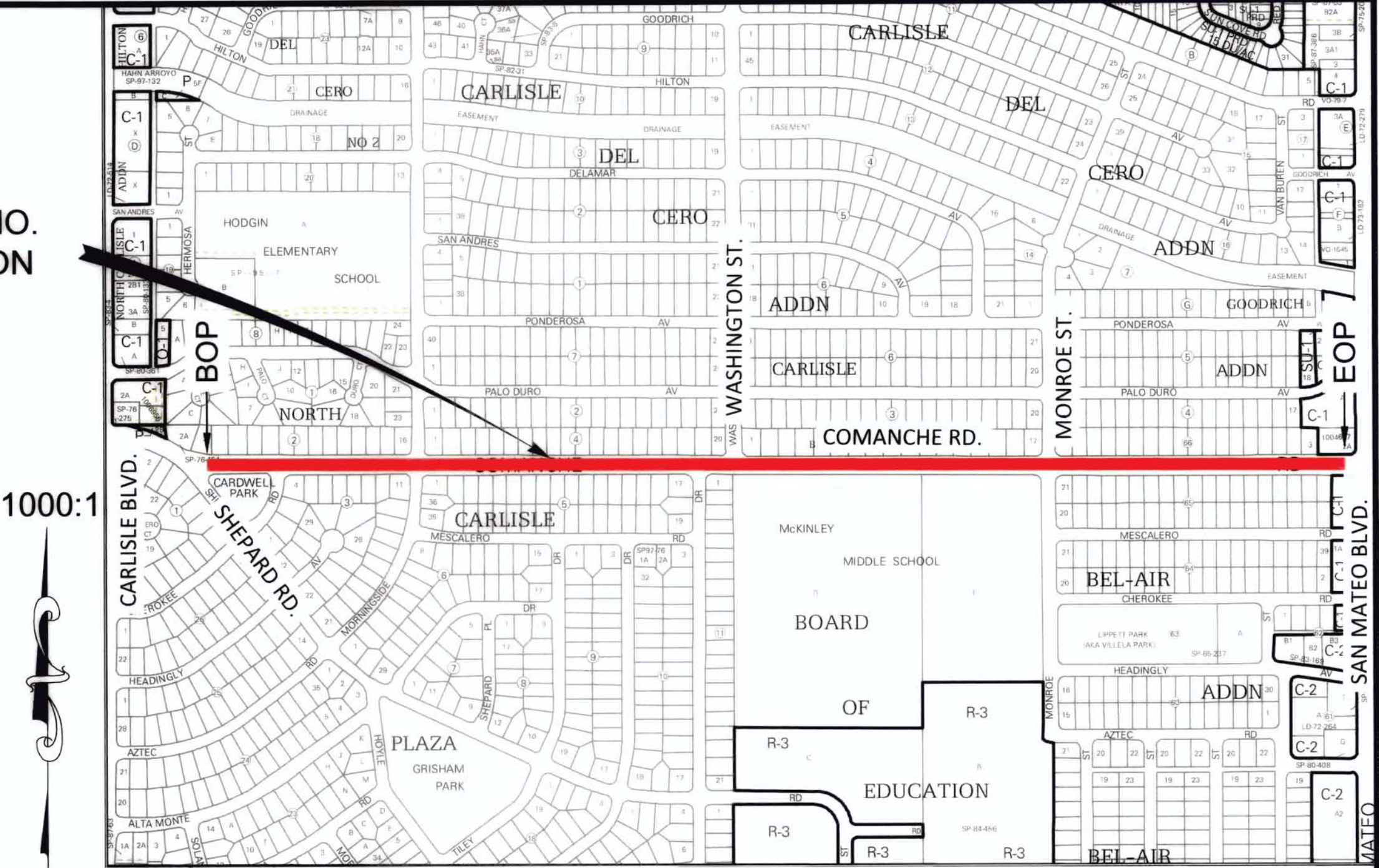


CITY OF ALBUQUERQUE
NEW MEXICO
DEPARTMENT OF
MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION



COMANCHE ROAD
MEDIAN & STRIPING IMPROVEMENTS
COA PROJECT NO. 7854.05
FINAL PLANS

COA PROJECT NO.
7854.05 LOCATION
PROJECT
LENGTH
= 0.91 MILE



LOCATION MAP
ZONE ATLAS MAP G17

APPROVED AS RECORD DRAWINGS
DMD/CSD
CITY CONSTRUCTION ENGINEER
David S. Harrison
DATE: 10-14-2016



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RECORD DRAWING INFO	
CITY INSPECTOR	ADAM BERGSTRASSER
CITY PROJECT MANAGER	SAVANNAH TORES
CONTRACTOR	TLC
SURVEYOR	N/A
CONST. PROJECT COORDIANTOR	N/A
LETTER OF ACCEPTANCE DATE	9/10/2015
CONSTRUCTION ENGINEER	MARTIN CARRASCO

RECORD DRAWING

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman		<i>[Signature]</i>	5-15-15	APPROVED FOR CONSTRUCTION	
		Transportation		<i>[Signature]</i>	5-15-15		
		Water/Wastewater		<i>[Signature]</i>	5-3-15		
		Hydrology		<i>[Signature]</i>	5-6-15		
		Parks					
		Constr. Mngmt.				<i>[Signature]</i> 5/15/15 City Engineer Date	
		Constr. Coord.					
		City Project No.		7854.05		Sheet 1 OF 22	

Date: Apr 30, 2015 11:37am by: Layout: 1 7854.COVER (24X36)
Drawing Name: P:\V-COA-Qo-Gol-Traffic Eng-2014 (7422859)\CAD TASK-7854\SERIES.dwg

PROJECT NAME: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS PROJECT LIMITS: CARLISLE BLVD. TO SAN MATEO BLVD. SUBMITAL NUMBER: FINAL

PROPOSED	EXISTING	DESCRIPTION
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
		TELEPHONE MANHOLE
		MANHOLE
		SANITARY SEWER LINE w/SIZE & TYPE
		STORM DRAIN LINE w/SIZE & TYPE
		WATER LINE w/SIZE & TYPE
		OVERHEAD ELECTRICAL LINE
		ELECTRICAL RISER
		UNDERGROUND ELECTRICAL
		UNDERGROUND TELEPHONE
		OVERHEAD TELEPHONE
		GAS LINE w/SIZE & TYPE
		CABLE TELEVISION LINE
		ENCASEMENT
		STORM INLET (GRADE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
		WATER VALVE
		BUTTERFLY VALVE
		FIRE HYDRANT
		REDUCER
		SAS SERVICE CONNECTION
		WATER SERVICE CONNECTION
		TEES
		CROSSES
		BENDS
		CAPS & PLUGS
		WATER METER
		GAS METER
		GAS RISER
		VALVE BOX
		POWER POLE
		TRAFFIC SIGNAL
		TRAFFIC CONTROL BOX
		PULL BOX
		TELEPHONE RISER
		TELEPHONE BOOTH
		FIRE ALARM BOX
		CURB & GUTTER
		SIDEWALK
		BLOCK WALL
		CHAIN LINK FENCE
		FIELD FENCE
		RIGHT OF WAY LINES
		PROPERTY LINES(SIDE)
		PUBLIC EASEMENT
		DRIVEPAD
		MOBILITY IMPAIRED ACCESS RAMP
		C.O.A. PROJECT CONTROL POINT OR A.C.S. MONUMENT DO NOT DISTURB
		TEST BORING
		HORIZ. & VERT. CONTROL

GENERAL NOTES:

- THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.
- IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE CURRENT "DROP-OFF GUIDELINE". THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE.
- THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES THAT ARE TO REMAIN OPERATIONAL. STRUCTURES SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO CONSTRUCTION. NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR CLEANING OF STRUCTURES.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION SERVICES DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
- THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF 35 TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKMENT, AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE NO.8, INCLUDING AMENDMENT #1, OR AS MODIFIED BY THE PROJECT SPECIFICATIONS AS STATED IN THE SPECIAL PROVISIONS.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS OR DRIVEPADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT MANAGER.
- THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW ADDITIONAL CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFORE.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, SIGNAGE, OR SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT HIS OWN EXPENSE, ALL PERMITS NECESSARY FOR CONSTRUCTION.
- ALL WORK IMPACTING AN ARTERIAL ROADWAY WILL REQUIRE 24-HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY.
- CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
- OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS, AS SHOWN ON SHEETS HEREIN AND PRIOR TO INITIATING CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MONUMENT, THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR. THE MONUMENT SHALL ONLY BE REPLACED BY THE CITY SURVEY SECTION AT THE CONTRACTOR'S EXPENSE.
- ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AS APPLICABLE.
- ANY EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM 0205.01 - FILL, BORROW, HAUL AND COMPACTION OF SUITABLE MATERIAL NOT OBTAINED IN THE PROJECT SITE AND NO SEPARATE PAYMENT WILL BE MADE THEREFORE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SHOWN ON THE PLANS WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR 0202.011 - EXCAVATE AND DISPOSE OF UNSUITABLE MATERIAL.
- BID ITEMS 0343.030- EXISTING PAVEMENT, ASPHALT CONCRETE, >6" - 12" DEPTH, SAWCUT, REMOVE AND DISPOSE COMPLETE ARE INCLUDED FOR PAVEMENT REMOVALS IN AREAS WHERE THE ROADWAY WILL NOT BE IMMEDIATELY ADJUSTED TO NEW GRADES AS SHOWN IN THE PLANS.
- THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 10 FEET FROM THE EDGE OF DRIVING LANE. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

GENERAL NOTES CONTINUED:

- THROUGHOUT THE LIFE OF THIS PROJECT, THE CONTRACTOR SHALL KEEP THE LOCAL NEWS MEDIA INFORMED OF CONSTRUCTION ACTIVITIES WHICH WILL IMPEDE OR DISRUPT THE NORMAL FLOW OF TRAFFIC.
- THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT LIFE AND WILL BE REVISED AT THE DIRECTION OF THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
- ALL MANHOLE AND VALVE CAN ADJUSTMENTS WILL INCLUDE A NEW CONCRETE COLLAR, EMD, AND IF NEEDED A NEW RING AND COVER TO COMPLY WITH CURRENT STANDARD DRAWINGS.
- SPLICES IN WATER SERVICE LINES WILL NOT BE ALLOWED. IF A WATER SERVICE LINE NEEDS TO BE EXTENDED, A NEW LINE FROM THE MAIN TO THE METER BOX WILL BE REQUIRED.
- ALL WATER VALVES ARE TO BE OPERATED BY ABCWUA PERSONNEL ONLY.
- APPROVED BACKFLOW PREVENTION DEVICES WILL BE REQUIRED ON ALL IRRIGATION WATER SERVICES.
- ELECTRONIC MARKING DEVICES (EMD'S) WILL BE REQUIRED AT ALL SANITARY SEWER MANHOLES AND WATER AUTHORITY WATER VALVES IN THE PROJECT PAVED AREAS INCLUDING LOCATIONS SPECIFIED IN SECTION 170 OF THE COA STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE WITH WATER UTILITY AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER LINES. 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 WORK SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT [HTTP://WWW.ABCWUA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCESURES.ASPX](http://www.abcwua.org/water_shut_off_and_turn_on_procedures.aspx)
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH ITEMS.
- TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE APPROVED MIX DESIGN.
- PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ANY AND ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- ALL WATER VALVE BOXES MANHOLES IMPACTED BY CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL FINAL HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO FINAL PLACEMENT OF MATERIALS OR STRUCTURES. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER OF ALL VERIFICATIONS SO THAT IF A CONFLICT EXISTS IT CAN BE REMEDIED WITHOUT DELAY.
- THE CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND UTILITIES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- ALL SIDEWALKS, TRAILS, AND ADA CURB RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY.
- CONCRETE PROCEDURAL NOTE: BEFORE SCHEDULING DELIVERY OF CONCRETE, CONTRACTOR SHALL MEET WITH CITY INSPECTOR/PM TO ENSURE THE CONCRETE FORMWORK IS CONSTRUCTED TO DIMENSIONS AND GRADES SHOWN ON PLANS AND MEETS PROWAG, 2011 TECHNICAL DESIGN CRITERIA. CALIBRATE 24" ELECTRONIC DIGITAL LEVEL WITH CONTRACTOR'S ELECTRONIC DIGITAL LEVEL PRIOR TO VERIFYING MEASUREMENTS. VERIFY MEASUREMENTS MEET REQUIREMENTS OR REQUIRE CORRECTION OF ALL DISCREPANCIES BEFORE SCHEDULING OF CONCRETE TO ENSURE THE FINISHED CONCRETE WILL MEET PROWAG. WHEN ALL MEASUREMENTS MEET REQUIREMENTS THEN THE INSPECTOR SHALL PERMIT CONCRETE POUR. REPEAT THE PROCEDURE AFTER CONCRETE POUR TO ENSURE THE CURB RAMP MEETS PROWAG COMPLIANCE. FINAL ACCEPTANCE OF A CURB RAMP DOES NOT OCCUR UNTIL THE FINAL INSPECTION OF THE PROJECT.

RECORD DRAWING

		Know what's below. Call before you dig.	
		1451 Canaleto Rd. NE, Suite D Albuquerque, NM 87101-1948 (505) 269-0941 fax (505) 263-3430 www.soudersmiller.com	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION			
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS LEGEND & GENERAL NOTES			
Design Review Committee MAY 15 2015 DESIGN REVIEW COMMITTEE	City Engineer Approval MAY 15 2015 CITY ENGINEER	Ms./Day/Yr.	Ms./Day/Yr.
City Project No. 7854.05	Zone Map No. G17	Sheet 2	OF 22

Date: Apr 30, 2015 - 10:29am
Drawing Name: P:\7-604 On-Call Traffic Eng. 2014\7422859\7422859\7422859.dwg
Layout: 3 GENERAL NOTES
by: Layout: 3 GENERAL NOTES

GENERAL NOTES CONTINUED:

44. THESE DRAWINGS PROVIDE GUIDANCE FOR COMPLIANCE WITH THE CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG). THESE STANDARDS SHALL COMPLY TO ALL NEW AND ALTERED SIDEWALKS.
45. CONCRETE SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. SIDEWALK AND CURB RAMP SURFACES SHALL PROVIDE CONSISTENT SLOPES WITHIN EACH SECTION.
46. ALL BROOM FINISHES SHALL BE PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
47. A VERTICAL CHANGE OF 1/4 INCH (6 mm) OR LESS IS ALLOWED. IF BETWEEN 1/4 INCH AND 1/2 INCH (6 mm AND 13 mm), THEN IT NEEDS TO BE BEVELED 2:1. CHANGES GREATER THAN 1/2 INCH SHALL BE RAMPED.
48. OPENINGS OR CRACKS IN SIDEWALK SURFACES SHALL NOT EXCEED 1/2 INCH (13 mm). ELONGATED OPENINGS SHOULD BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR OR DIAGONAL TO THE DOMINANT DIRECTION OF TRAVEL.
49. THE LEAST POSSIBLE CURB RAMP SLOPE SHALL BE USED, CURB RAMPS RUNNING SLOPE SHALL NOT EXCEED 8.3%(MAX). WHERE EXISTING TERRAIN IS STEEP, CURB RAMPS SHALL NOT EXCEED 15 FEET IN LENGTH.
50. PROVIDE A FLUSH TRANSITION BETWEEN CURB RAMPS, SIDEWALKS, GUTTER, AND EDGE OF PAVEMENT, FREE OF DRAINAGE UP, ABRUPT GRADE CHANGES, DROP-OFFS, OR ANY OTHER SURFACE IRREGULARITIES. A 5% (20:1) OR FLATTER TRANSITION TAPER SHALL BE PROVIDED FROM THE STREET TO THE GUTTER FOR CURB RAMP LOCATIONS (THIS MAY REQUIRE SPECIAL TREATMENT OF THE EDGE OF O.G.F.C) WHEN DIAGONAL (NOT IN LINE WITH CROSSWALKS) CURB RAMPS ARE NECESSARY. A 2% (50:1) TRANSITION OR "LOWER LANDING" SHALL BE PROVIDED. THE GUTTER RUNNING SLOPE (FLOW LINE) SHALL NOT EXCEED 2% MEASURED ALONG THE BOTTOM OF THE CURB RAMP.
51. CURB RAMPS SHALL BE LOCATED TO PROVIDE THE MOST DIRECT ROUTE OF TRAVEL ACROSS THE TRAFFIC LANES.
52. TWO DIRECTIONAL (IN LINE WITH THE CROSSWALKS) CURB RAMPS PER CORNER ARE USED IN ORDER TO PROVIDE SHORT AND DIRECT CROSSING FOR THE USER.
53. SIGN POSTS, UTILITY POLES, FIRE HYDRANTS, TRAFFIC SIGNALS STANDARDS, LIGHT POLES, PULL BOXES, METERS, VALVES, ETC., SHALL NOT BE LOCATED IN THE CURB RAMP SIDE FLARES, AND LANDINGS.
54. IN ORDER TO BETTER ACCOMMODATE CONDITIONS IN THE FIELD, THE CONTRACTOR SHALL OBTAIN FINAL APPROVAL OF CURB RAMP LOCATIONS FROM THE PROJECT MANAGER AND THE CITY TRAFFIC ENGINEER. WHEN NECESSITATED BY EXISTING PHYSICAL CONDITIONS, ALTERNATE CURB RAMPS MUST BE SUBMITTED TO THE PROJECT MANAGER BY THE CITY TRAFFIC ENGINEER.
55. LANDINGS SHALL BE A MINIMUM OF 48" X 48", SLOPES SHALL NOT EXCEED 2% (50:1) IN ALL DIRECTIONS.
56. DETECTABLE WARNING SURFACES ARE REQUIRED AT ALL INTERSECTIONS, SIGNALIZED DRIVEWAYS, COMMERCIAL DRIVEWAYS 30' WIDE OR GREATER, AND MARKED MID-BLOCK CROSSWALKS.
57. SUBMIT SPECIFICATIONS TO THE CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
58. CONTRACTOR SHALL MAINTAIN CLEAR PATHS FOR PEDESTRIANS DURING CONSTRUCTION AT ALL TIMES.
59. NEW CURB AND GUTTER CONSTRUCTION ARE TO MATCH EXISTING CURB AND GUTTER.
60. CONTRACTOR SHALL PROTECT IN PLACE EXISTING IRRIGATION LINES, AND IF CONTRACTOR IMPACTS IRRIGATIONS LINE, CONTRACTOR IS TO CONTACT CITY OF ALBUQUERQUE CONSTRUCTION SERVICES.
61. 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.
62. LOCATION OF EXISTING RIGHT-OF-WAY IS APPROXIMATE AND TAKEN FROM CITY OF ALBUQUERQUE GIS MAPPING. ACTUAL RIGHT-OF-WAY LOCATION SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
63. ADA DETECTABLE WARNING SURFACES PER ADA SPECIFICATIONS, COLOR SHALL BE YELLOW. CONTRACTOR TO PROVIDE SAMPLE SPEC TO CITY CONSTRUCTION MANAGER PRIOR TO INSTALLATION.

GENERAL NOTES FOR PAVEMENT MARKINGS

1. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARDS AND SPECIFICATIONS, CURRENT UPDATE, STANDARD DRAWING 2900.
2. ALL REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARDS AND SPECIFICATIONS, CURRENT UPDATE, SECTION 2900. PAINTING OVER EXISTING STRIPING DOES NOT CONSTITUTE APPROVED STRIPING REMOVAL OR OBLITERATION.
3. THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE PROJECT MANAGER.
4. THE CONTRACTOR MAY BE REQUIRED BY THE PROJECT MANAGER TO PREPARE AS-BUILT DRAWINGS OF THE EXISTING STRIPING AND PAVEMENT MARKINGS PRIOR TO CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO SIGNING AND STRIPING AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.
5. THE DESIGN SPEED FOR THE ROAD IS: 30 MPH. THE DESIGN VEHICLE IS: SU-TRUCK. THE POSTED SPEED LIMIT IS: 30 MPH.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKINGS ON FINAL SURFACE COURSE FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED. THE LAYOUT OF ALL PAVEMENT MARKINGS SHALL BE APPROVED BY THE PROJECT MANAGER PRIOR TO THE APPLICATION OF MATERIALS.
7. ALL LANE DIMENSIONS ARE FROM CENTER OF LANE STRIPE, CENTER OF DOUBLE LANE STRIPE, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
8. THE FINAL LONGITUDINAL STRIPING SHALL BE 60 MIL (0.060") THICK HOT-SPRAYED THERMOPLASTIC RETROREFLECTORIZED STRIPING PLACED OVER THE TEMPORARY STRIPING WITHIN 14 TO 30 CALENDAR DAYS AFTER COMPLETION OF THE FINAL PAVEMENT SURFACE, OR AS DIRECTED BY THE PROJECT MANAGER. ALL OTHER MARKINGS SHALL BE APPLIED AT THE SAME TIME. TEMPORARY STRIPING SHALL BE PAINT UNLESS NOTED OTHERWISE.
9. ALL FINAL TRANSVERSE MARKINGS SHALL BE HOT-SPRAYED 90 MIL (0.090") THERMOPLASTIC RETROREFLECTORIZED STRIPING. ALL PAVEMENT ARROWS AND LEGENDS SHALL BE A RETROREFLECTORIZED PREFORMED PLASTIC PAVEMENT MARKING.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FINAL SURFACE COURSE IS PLACED SO THAT THE STRIPING IS OFFSET ONE (1) FOOT CLEAR OF THE PAVEMENT CONSTRUCTION JOINT, UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.
11. THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE PROJECT MANAGER BY SWEEPING AND AIR-JET BLOWING IMMEDIATELY PRIOR TO THE PLACEMENT OF ALL PAVEMENT MARKINGS. THE TEMPERATURE SHALL NOT BE LESS THAN 50°F FOR THE PLACEMENT OF THERMOPLASTIC STRIPING, AND 40°F FOR THE PLACEMENT OF RAISED PAVEMENT MARKERS (RPMs).
12. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS AND STANDARDS WHEN INSTALLING PAVEMENT, STRIPING, MARKINGS AND MARKERS.
13. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.

INCIDENTAL ITEMS

1. SIGN MOUNTING HARDWARE AND BRACKETS PER GENERAL NOTES.
2. CLEANING AND REMOVAL OF DEBRIS FOR EXISTING SIGNS TO REMAIN PER GENERAL NOTE 6.
3. REMOVAL OF SIGNS NOT DESIGNATED BUT REQUIRED PER GENERAL NOTE 7.
4. MEDIAN NOSE YELLOW PAINT PER NOTE 1, STRIPING DETAIL SHEET.

GENERAL NOTES FOR PERMANENT SIGNS

1. ALL NEW SIGNS SHALL MEET THE MINIMUM REQUIREMENTS SPECIFIED IN THE MUTCD CURRENT EDITION AND CITY OF ALBUQUERQUE STANDARDS AND SPECIFICATIONS, CURRENT UPDATE, STANDARD DRAWING 2900.
2. ALL EXISTING SIGNS TO REMAIN, UNLESS DIRECTED BY THE PROJECT MANAGER FOR REMOVAL.
3. ANY SIGNS REQUIRED TO BE REMOVED AND RELOCATED SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFORE.
4. ALL EXISTING SIGNS SHALL BE CLEANED AND FREE OF GRAFFITI, DIRT OR OTHER OBSTRUCTIONS. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFORE.
5. ANY EXISTING SIGNS CONFLICTING WITH THE INTERSECTION OPERATION OR OTHER SIGNS SHALL BE REMOVED AS DIRECTED BY THE PROJECT MANAGER.
6. CONTACT ALBERT ORTIZ AT 857-8000 EXT. 8601 FOR HANDLING ARRANGEMENTS OF EXISTING SIGNS THAT ARE INDICATED AS TO BE REMOVED AND SALVAGED.
7. UNLESS SPECIFIED OTHERWISE, ALL NEW SIGNS SHALL BE MOUNTED ON A SINGLE 12 GAUGE POST, AS MANUFACTURED BY TELESAR OR APPROVED EQUAL. POSTS SHALL BE SQUARE WITH DIMENSIONS AS FOLLOWS:
1 1/2" x 1 1/2" NO PARKING SIGNS, BIKE LANE SIGNS
2 1/4" x 2 1/4" ALL OTHER SIGNS
8. CONTRACTOR SHALL INSTALL A CORRESPONDINGLY SIZED 30 INCH LONG BASE POST WITH AN 18 INCH LONG BASE POST SLEEVE. SIGN POSTS SHOULD BE INSERTED 6 INCHES INTO THE BASE POST OR PER MANUFACTURER'S RECOMMENDATIONS.
9. ALL NEW SIGNS SHALL AT A MINIMUM, USE SUPER ENGINEERING GRADE REFLECTIVE SHEETING WITH GRAFFITI RESISTANT INKS OR COATING AS APPROVED BY THE CITY TRAFFIC ENGINEER.

SIGN SHEETING REQUIREMENTS:

TYPE VII, VIP SHEETING ON ALUMINUM SUBSTRATE
STOP (R1-1)
YIELD (WHITE ON RED R1-2)
DO NOT ENTER (R5-1)
WRONG WAY (R5-1A)

TYPE VII, VIP SHEETING ON ALUMINUM SUBSTRATE (YELLOW SHEETING)
MERGE SIGNS (W4-1)
CURVE SIGNS (W1-2)
CHEVRON ALIGNMENT (W1-8)
RAILROAD CROSSING ADVANCE WARNING SIGNS (W10-1,2,3,4)
NO PASSING ZONE(W14-3)

FLUORESCENT STRONG YELLOW GREEN TYPE VII, VIP SHEETING ON ALUMINUM SUBSTRATE
SCHOOL BUS STOP AHEAD (S3-1)
SCHOOL ADVANCE & CROSSING (S1-1,2)
PEDESTRIAN CROSSING (W8-5)
BIKE CROSSING (W11-1)

TYPE III SHEETING ON ALUMINUM SUBSTRATE
ALL OTHER PERMANENT SIGNAGE IN ACCORDANCE WITH STANDARD SPECIFICATION 701

TYPE III BACKGROUND WITH TYPE VII LEGENDS, BORDERS, NUMERALS, ETC. ALUMINUM SUBSTRATE
EXTRUDED PANEL SIGNS

TYPE III SHEETING - ALUMINUM SUBSTRATE
CONSTRUCTION SIGNS (VARIOUS)

FLUORESCENT ORANGE TYPE VII, VIP SHEETING - ALUMINUM SUBSTRATE
CONSTRUCTION APPROACH SIGNS (W20-1,2,3,4,5,7)

REF.: NMDOT SIGN SHEETING REQUIREMENTS MEMO 5/25/99

RECORD DRAWING



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION	
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS LEGEND & GENERAL NOTES	
Design Review Committee APPROVED MAY 15 2015 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED MAY 15 2015 CITY ENGINEER
City Project No. 7854.05	Zone Map No. G17
Sheet 3 OF 22	

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G17" PUBLISHED ELEVATION 5182.450' ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)	CONTRACTOR	DATE	DATE
			WORK BY	DATE	DATE
			ACCEPTANCE BY	DATE	DATE
			VERIFICATION BY	DATE	DATE
			DRAWINGS CORRECTED BY	DATE	DATE
			RECORDED BY	DATE	DATE
			NO.	DATE	DATE

ENGINEER'S SEAL

PROFESSIONAL ENGINEER

05-01-2015

REVISIONS

NO. DATE

BY

REMARKS

SOUDER, MILLER & ASSOCIATES

DESIGNED BY: TJY DATE: 4/30/15

DRAWN BY: TJY DATE: 4/30/15

CHECKED BY: EJM DATE: 4/30/15

Date: Apr 30, 2015 - 10:29am - Job Layout: 4 SUMMARY OF QUANTITIES
Drawing Name: P:\V-COA On-Call Traffic Eng. 2014 (7422859)\CAD\TASK-4\Plans\7854.1\SERIES.dwg

COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS PROJECT				
BID ITEM #	ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATE
1	4.010	CONSTRUCTION STAKING BY CONTRACTOR, COMPL.	LS	1
2	6.010	CONSTRUCTION PROJECT SIGN, CIP.	EA	2
3	19.010	CONSTRUCTION TRAFFIC CONTROL & BARRICADING, CIP.	LS	1
4	205.010	FILL, BORROW, HAUL, COMPACT, COMPL.	CY	20
5	301.020	SUBGRADE PREP, 12", 95% COMPACTION, CIP.	SY	235
6	302.010	AGGREGATE BASE COURSE, CRUSHED, 6" AT 95%, PLACE AND COMPACT, CIP.	SY	660
7	336.082	ARTERIAL ASPHALT CONCRETE, TYPE SP-III, 2 INCHES THICK, MATERIAL & PLACEMENT, CIP.	SY	660
8	336.010	PRIME COAT, CIP.	SY	165
9	336.120	TACK COAT, CIP.	SY	495
10	340.010	SIDEWALK, PCC, 4" THICK PORTLAND CEMENT CONCRETE, INCL. SUBGRADE COMPACTION, CIP., STD. 2430	SY	35
11	340.110	HEADER CURB, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE PREP, CIP. STD. 2415	LF	180
12	340.020	DRIVEWAY, 6" THICK, PCC, INCL. SUBGRADE COMPACTION, INCL. SUBGRADE COMPACTION, CIP.	SY	10
13	340.023	WHEELCHAIR ACCESS RAMP, PCC, 4", STD. CURB, CIP.	SY	77
14	340.0231a	DETECTABLE WARNING SURFACE ON NEW OR EXISTING CURB RAMPS, CIP.	SF	175
15	340.030	VALLEY GUTTER, PCC, INCL. REINFORCEMENT WHERE REQUIRED, AND SUBGRADE COMPACTION, CIP., STD. 2420	SY	30
16	340.05a	CURB & GUTTER, STANDARD PORTLAND CEMENT CONCRETE, INCL. SUBGRADE COMPACTION PREPARATION, CIP., STD 2415	LF	175
17	340.060	CURB & GUTTER, MEDIAN, PORTLAND CEMENT CONCRETE, CIP., STD. 2415	LS	190
18	343.030	EXISTING PAVEMENT, ASPHALT CONCRETE,>6"-12" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	SY	275
19	343.082	EXISTING CURB & GUTTER OR VALLEY GUTTER, PC CONCRETE, REMOVE AND DISPOSE, COMPL.	LF	205
20	343.090	EXISTING SIDEWALK AND/OR DRIVEPAD, SAWCUT, REMOVE, AND DISPOSE, COMPL.	SY	85
21	346.100	TEXTURED MEDIAN PAVEMENT, 4" THICK, COLORED PC CONCRETE, INCL. SUBGRADE COMPACTION, CIP., STD. 2408	SF	350
22	440.001	REFLECTORIZED PAINTED MARKINGS, CIP. (YELLOW CURB FACE MARKINGS)	LF	480
23	441.001	REFLECTORIZED PLASTIC MARKINGS 4", CIP.	LF	19000
24	441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP.	LF	150
25	441.031	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, BICYCLE SYMBOL, CIP.	LF	1
26	441.040	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, ARROW, SYMBOL, OR WORD, CIP.	LF	7
27	443.101	REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL.	LF	6700
28	444.102	REMOVAL OR ERADICATION OF PAVEMENT MARKINGS; ARROW, SYMBOL OR WORD, PAINTED OR PLASTIC, COMPL.	SF	8
29	450.001	ALUMINUM PANEL SIGN, CIP.	SF	105
30	450.010	STEEL POST AND BASE POST FOR PANEL SIGNS, CIP.	LF	250
31	450.102	SIGN, POST & BASE POST, REMOVE & RELOCATE, CIP.	EA	3
32	801.112	VALVE BOX, RING & COVER, ADJUST TO GRADE, CIP., STD 2328	EA	1
33	621.4.1	CONSTRUCTION MOBILIZATION, COMPL. (5%)	LS	1
34	621.4.2	CONSTRUCTION DEMOBILIZATION, COMPL. (5%)	LS	1
35	18.6.1	LAB TESTING	1	ALLOW

RECORD DRAWING



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
ENGINEERING DIVISION

TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
SUMMARY OF QUANTITIES



Last Design Update

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

City Project No. 7854.05

Zone Map No. G17

Sheet 4 OF 22

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
	NO.	BY	DATE	PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G17", PUBLISHED ELEVATION 5182.450'. ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)	CONTRACTOR WORK BY	DATE	DATE
REVISIONS		NO.	DATE	REMARKS	BY	DATE	DATE
SOUDEY, MILLER & ASSOCIATES		DESIGNED BY: TJJ		DATE: 4/30/15		MICRO-FILM INFORMATION	
DRAWN BY: TJJ		DATE: 4/30/15		RECORDED BY: EJM		DATE: 4/30/15	
CHECKED BY: EJM		DATE: 4/30/15					

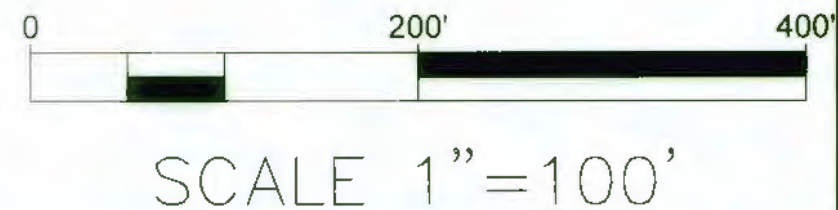
Date: Apr 30, 2015 - 10:30am
Drawing Name: P:\7-COA-On-Coll-Traffic-Eng-2014\74228589\CAO-TASK-4-Plans\SURVEY CONTROL LAYOUT.dwg
Layout: 5 SURVEY CONTROL LAYOUT

MATCHLINE SEE ABOVE



MATCHLINE SEE BELOW

Survey Control for Comanche Road Median & Striping Improvements Project							
Point Number	Easting	Northing	Point Elevation	Raw Description	Full Description	Datum	Description Format
103	1538533.5610'	1500352.6520'	5182.450'	11-G17 GPS	11-G17 GPS	NAD 83	City of Albuquerque 1 3/4" metallic disk, stamped "ACS BM, 11-G17", epoxied to top of concrete curb, ENE curb return of Comanche Road N.E. and Monroe Street N.E.
104	1537117.0440'	1500359.8160'	5159.105'	12-G17 GPS	12-G17 GPS	NAD 83	A City of Albuquerque 1 1/4" metallic disk, stamped "ACS BM, 12-G17", epoxied to top of concrete curb, WNW curb return of Comanche Road N.E. and Washington Street N.E.
105	1535820.0870'	1500366.2600'	5140.382'	13-G17 GPS	13-G17 GPS	NAD 83	A City of Albuquerque 1 1/4" metallic disk, stamped "ACS BM, 13-G17", epoxied to top of concrete curb, WNW curb return of Comanche Road N.E. and Morningside Drive N.E..
106	1534920.7510'	1500315.2850'	5129.186'	SMA CP	SMA CP		SMA Control Point
107	1535193.4760'	1500370.5870'	5130.076'	SMA CP	SMA CP		SMA Control Point
108	1537214.2450'	1500369.4250'	5160.772'	SMA CP	SMA CP		SMA Control Point
109	1537066.5280'	1500317.0900'	5158.652'	SMA CP	SMA CP		SMA Control Point
110	1538430.9910'	1500311.6700'	5181.628'	SMA CP	SMA CP		SMA Control Point
111	1534531.7660'	1500538.1600'	5125.713'	7-G17 GPS	7-G17 GPS	NAD 83	The station mark is a City of Albuquerque survey control brass disc stamped "7-G17" set in the top of the curb.



		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION	
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS SURVEY CONTROL LAYOUT			
Design Review Committee	City Engineer Approval	Last Design Update	
City Project No. 7854.05	Zone Map No. G17	Sheet 5 OF 22	

RECORD DRAWING

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	BY	DATE	PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G17", PUBLISHED ELEVATION 5182.450'. ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)	CONTRACTOR	DATE
						INSPECTOR'S	DATE
						FIELD	DATE
						VERIFICATION BY	DATE
						CORRECTED BY	DATE
						MICRO-FILM INFORMATION	
						RECORDED BY	DATE
						NO.	DATE

Date: Apr 30, 2015 - 10:30am
Drawing Name: PAV-COA-On-Call Traffic Eng. 2014 (7422859) \CAD\TASK-4\Plans\7854\23SERIES.dwg
Layout: 6 COMANCHE-CHEROKEE REMOVAL PLAN

COMANCHE RD.

EXISTING SIDEWALK

EXISTING CURB AND GUTTER

APPROXIMATE COA R/W

EXISTING WATER METER TO
BE ADJUSTED TO FINISHED
GRADE PER COA STD.
DWG. 2326 AND 2328

EXISTING CURB AND GUTTER

PERMEABLE BRICKS TO REMAIN
AND BE PROTECTED

EXISTING COA BUS STOP
SIGN TO BE REMOVED AND
RELOCATED TO LOCATION
SHOWN ON SHEET 11

*NOTE: IF CONTRACTOR
IMPACTS UNDERGROUND
IRRIGATION LINE,
CONTRACTOR IS TO
CONTACT CONSTRUCTION
SERVICES.

APPROXIMATE COA R/W

PROTECT IN PLACE
EXISTING SIGN

REMOVE AND DISPOSE
EXISTING LANDSCAPING

PERMEABLE BRICKS TO REMAIN

CHEROKEE RD.

COMANCHE RD. / CHEROKEE ST. SOUTHERN SECTION			
	NORTHING	EASTING	DESCRIPTION
1	1500327.38	1535199.22	LIMITS OF PERMEABLE BRICK REMOVAL
2	1500327.26	1535219.92	LIMITS OF PERMEABLE BRICK REMOVAL
3	1500329.41	1535199.22	LIMITS OF PERMEABLE BRICK REMOVAL
4	1500329.36	1535205.72	LIMITS OF PERMEABLE BRICK REMOVAL
5	1500334.1	1535205.72	LIMITS OF PAVEMENT REMOVAL
6	1500333.91	1535219.95	LIMITS OF PAVEMENT REMOVAL
COMANCHE RD. / CHEROKEE ST. MEDIAN REFUGE			
	NORTHING	EASTING	DESCRIPTION
7	1500343.33	1535201.42	LIMITS OF PAVEMENT REMOVAL
8	1500343.6	1535231.24	LIMITS OF PAVEMENT REMOVAL
9	1500358.99	1535201.45	LIMITS OF PAVEMENT REMOVAL
10	1500358.93	1535231.26	LIMITS OF PAVEMENT REMOVAL
COMANCHE RD. / CHEROKEE ST. NORTHERN SECTION			
	NORTHING	EASTING	DESCRIPTION
11	1500368.74	1535205.60	LIMITS OF PAVEMENT REMOVAL
12	1500368.58	1535228.77	LIMITS OF PAVEMENT REMOVAL
13	1500373.43	1535200.63	LIMITS OF SIDEWALK REMOVAL
14	1500373.39	1535205.63	LIMITS OF CURB & GUTTER REMOVAL
15	1500373.32	1535219.46	LIMITS OF CURB & GUTTER REMOVAL
16	1500373.24	1535233.79	LIMITS OF SIDEWALK REMOVAL
17	1500376.99	1535200.66	LIMITS OF SIDEWALK REMOVAL
18	1500376.69	1535233.81	LIMITS OF SIDEWALK REMOVAL

- REMOVALS:
- (A) SAWCUT, REMOVE, AND DISPOSE EXISTING SIDEWALK, CURB & GUTTER, CONCRETE PAVEMENT, AND PERMEABLE BRICKS.
 - (B) SAWCUT, REMOVE, AND DISPOSE EXISTING PAVEMENT
 - REMOVE PAVEMENT
 - REMOVE SIDEWALK, CURB & GUTTER, CONCRETE PAVEMENT, AND PERMEABLE BRICKS.

0 10' 20'
SCALE 1"=5'



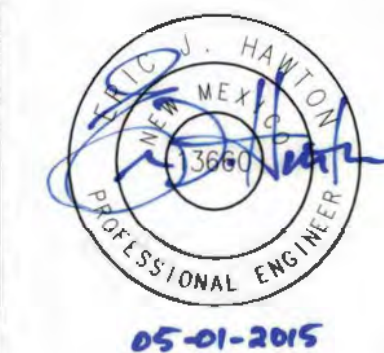
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
ENGINEERING DIVISION

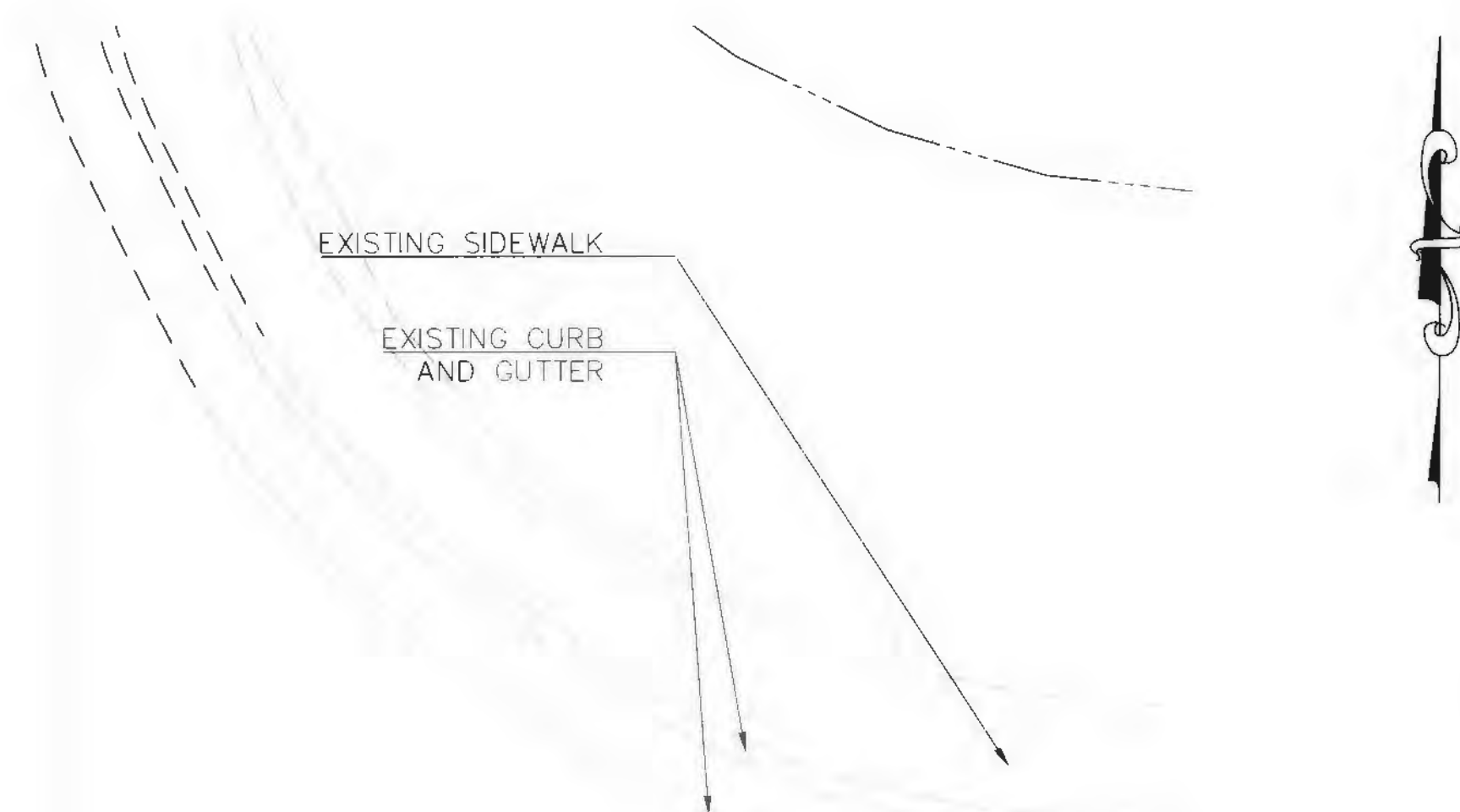
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
COMANCHE-CHEROKEE REMOVAL PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	
APPROVE MAY 15 2015 DESIGN REVIEW COMMITTEE	APPROVE MAY 15 2015 CITY ENGINEER		
Last Design Update			

City Project No. 7854.05 Zone Map No. G17 Sheet 6 OF 22

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	PROJECT BENCHMARK IS CITY OF	ALBUQUERQUE CONTROL STATION	FIELD NOTES	BY	NO. DATE REMARKS REVISIONS BY	
WORK BY	DATE	"11-G17" PUBLISHED ELEVATION	5182.450' ELEVATIONS ARE ADJUSTED	NO.	DATE		
INSPECTED BY	DATE	BASED ON COA BENCHMARK	(NAD 83)			SOUDEY, MILLER & ASSOCIATES	
ADJUSTED BY	DATE						
VERIFIED BY	DATE					DESIGNED BY: TJY	
DRAWN BY	DATE						
RECORDED BY	DATE					DRAWN BY: TJY	
						CHECKED BY: EWH	





REMOVALS:

(A) SAWCUT, REMOVE, AND DISPOSE EXISTING SIDEWALK, CURB & GUTTER, AND CONCRETE PAVEMENT.

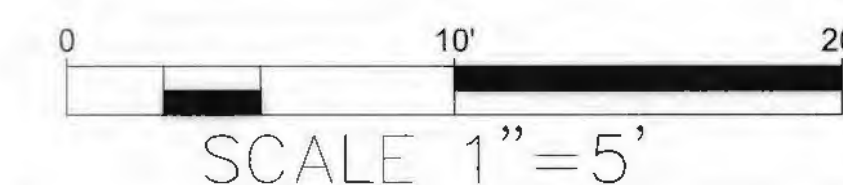
(B) SAWCUT, REMOVE, AND DISPOSE EXISTING PAVEMENT

☐ REMOVE PAVEMENT

☒ REMOVE SIDEWALK, CURB & GUTTER, AND CONCRETE PAVEMENT

☒ REMOVE AND DISPOSE GRAVEL



RECORD DRAWING




Engineering • Environmental • Surveying

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
ENGINEERING DIVISION

TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
COMANCHE—MONROE REMOVAL PLAN

Design Review Committee		City Engineer Approval		<div>Mo./Day/Yr.</div> <div>Mo./Day/Yr.</div>	
				<div>Unit Design Update</div> <div></div> <div></div> <div></div> <div></div> <div></div>	
City Project No. 7854.05		Zone Map No. G17		Sheet 8 OF 22	

		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		PROJECT BENCHMARK IS CITY OF		CONTRACTOR	
NO.	DATE	REMARKS	BY	NO.	DATE	ALBUQUERQUE CONTROL STATION		CONTRACTOR	DATE
						"11-617" PUBLISHED ELEVATION		INSPECTOR'S	DATE
						5182.450' ELEVATIONS ARE ADJUSTED		FIELD	DATE
						BASED ON COA BENCHMARK		VERIFICATION BY	DATE
						(NAD 83)		ADJUSTED BY	DATE
								CORRECTED BY	DATE
								MICRO-FILM INFORMATION	
								RECORDED BY	DATE
								NO.	



05-01-2015

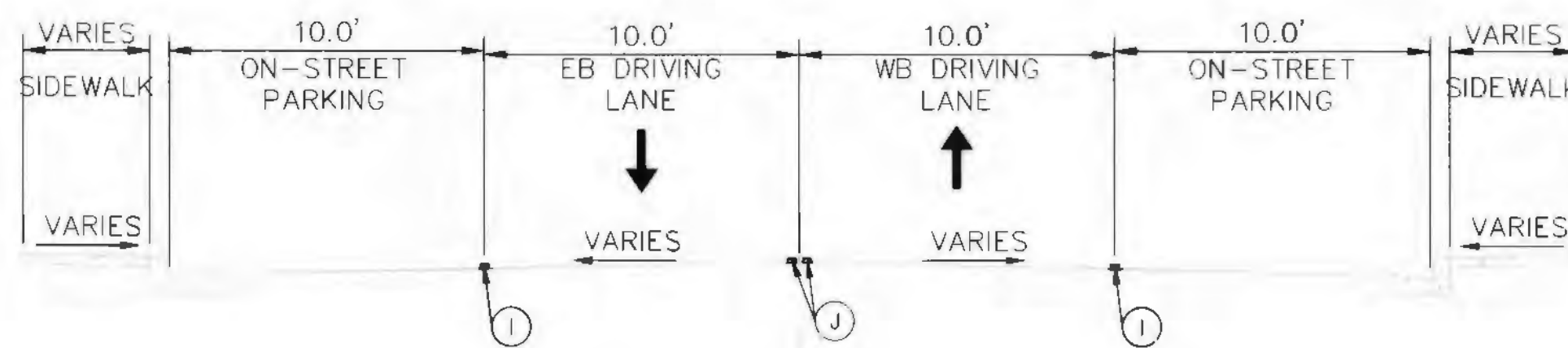
SOUDER, MILLER & ASSOCIATES

DESIGNED BY: TJJ DATE: 4/30/15

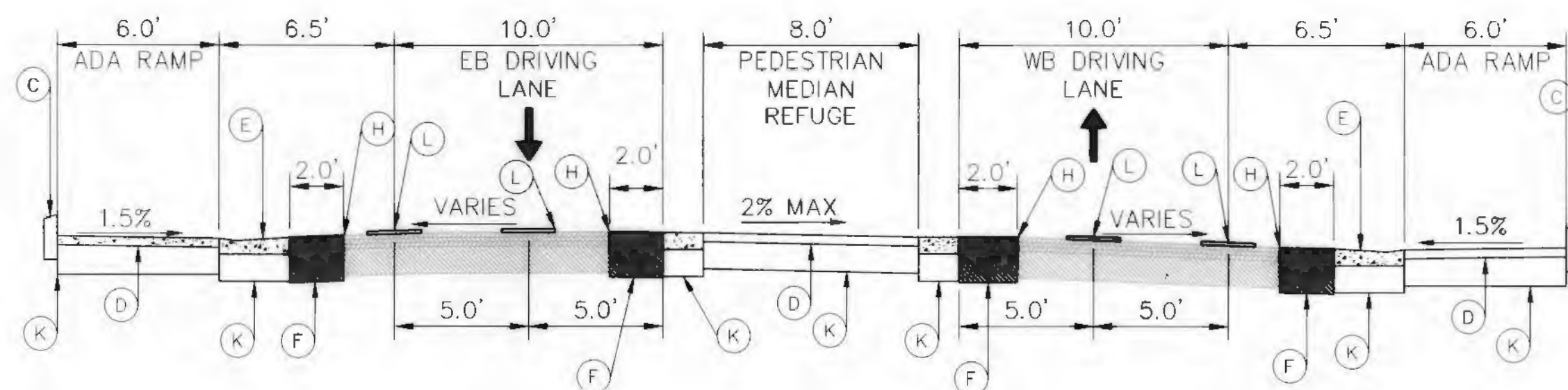
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CHECKED BY: FJH DATE: 4/30/15

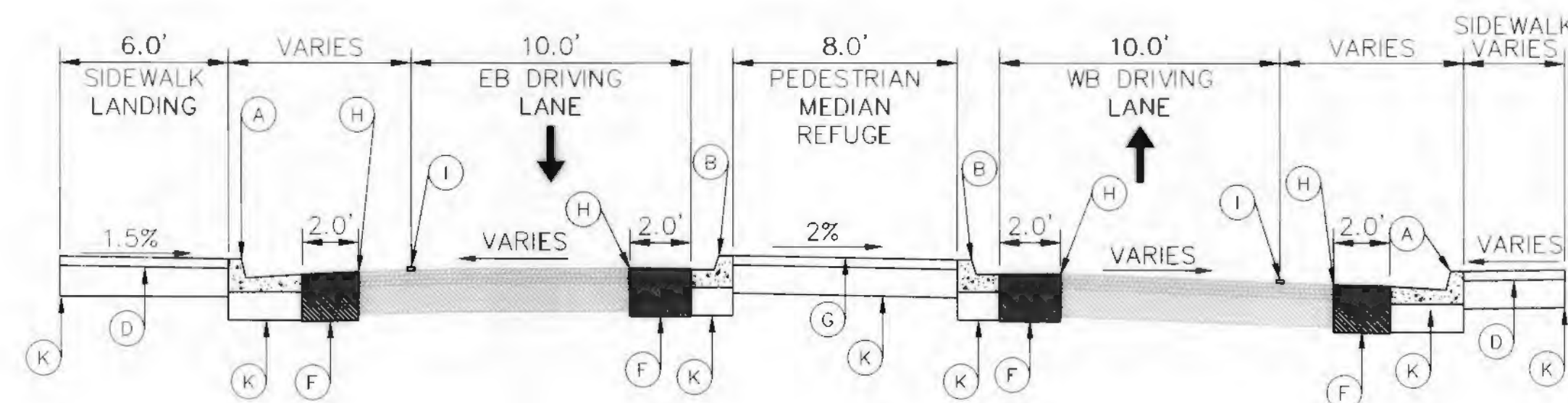
Date: Apr 30, 2015 - 10:30am - 10y Layout: 9 PROPOSED TYPICAL SECTIONS
Drawing Name: P:\7-COA-On-Coll Traffic Eng 2014\7422859\CAD\TASK-4\Plans\7854_3SERIES.dwg



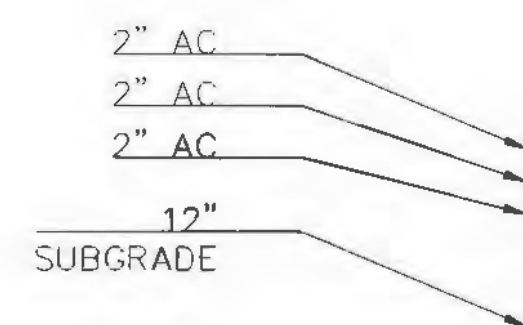
PROPOSED TYPICAL SECTION (STRIPING)



PROPOSED TYPICAL SECTION AT COMANCHE RD./CHROKEE RD. AT LANDING

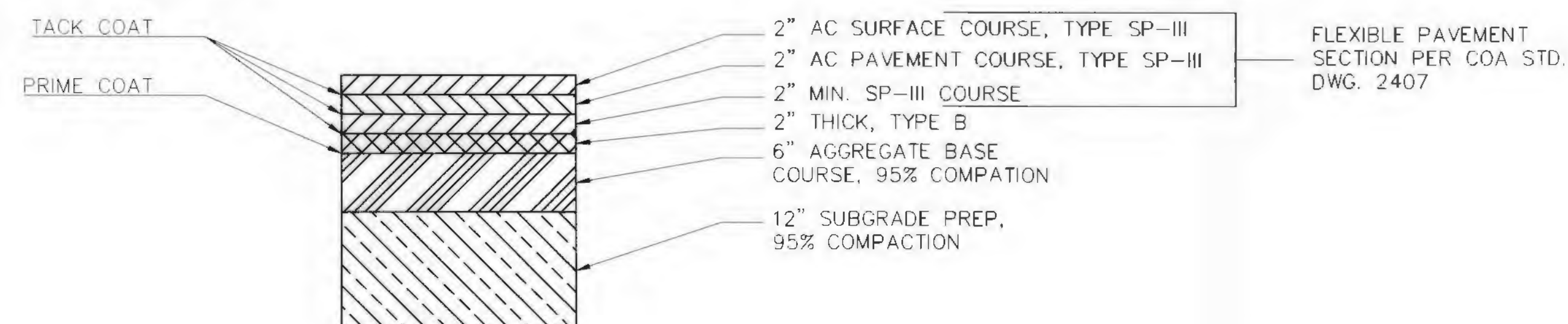


PROPOSED TYPICAL SECTION AT COMANCHE RD./CHROKEE RD. AT TOP OF CURB



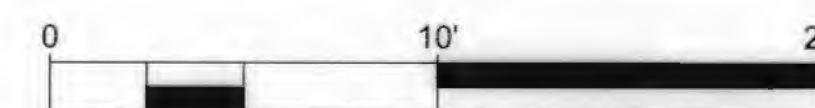
EXISTING PAVEMENT SECTION
AT ALL PROJECT LOCATIONS

NTS



PROPOSED PAVEMENT SECTION
AT ALL PROJECT LOCATIONS
PER COA STD. DWG. 2465

NTS



SCALE 1"=5'

RECORD DRAWING

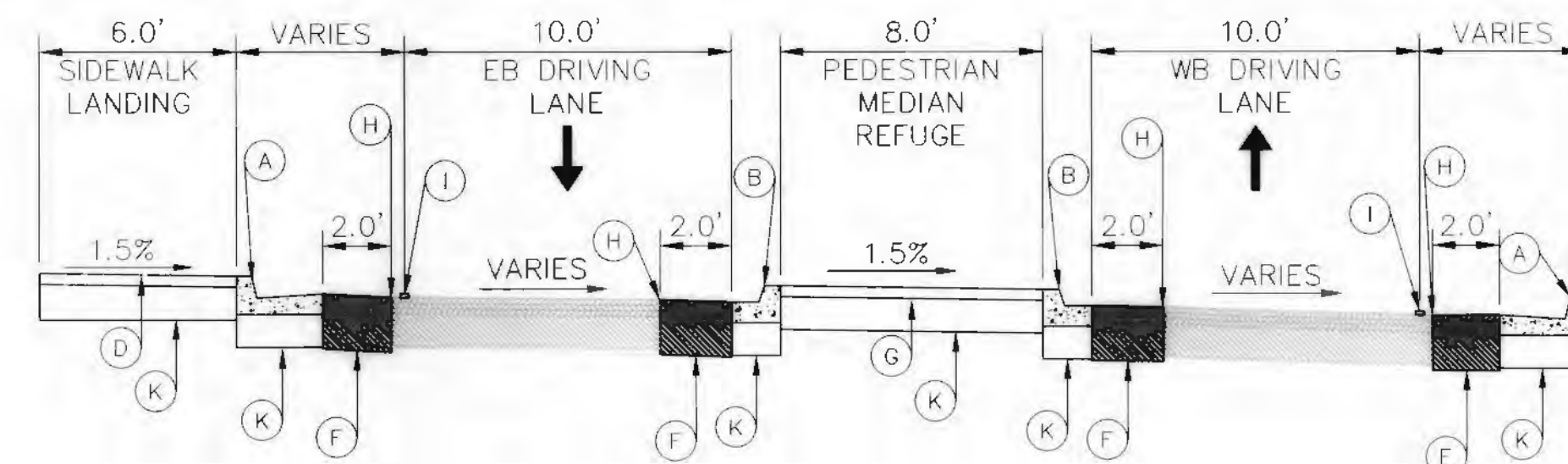
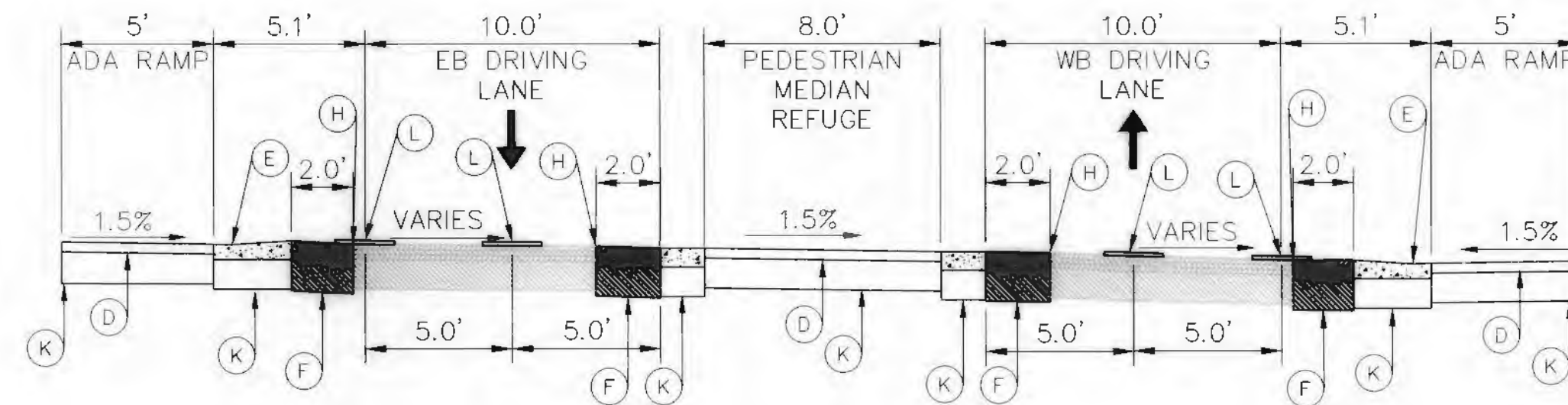
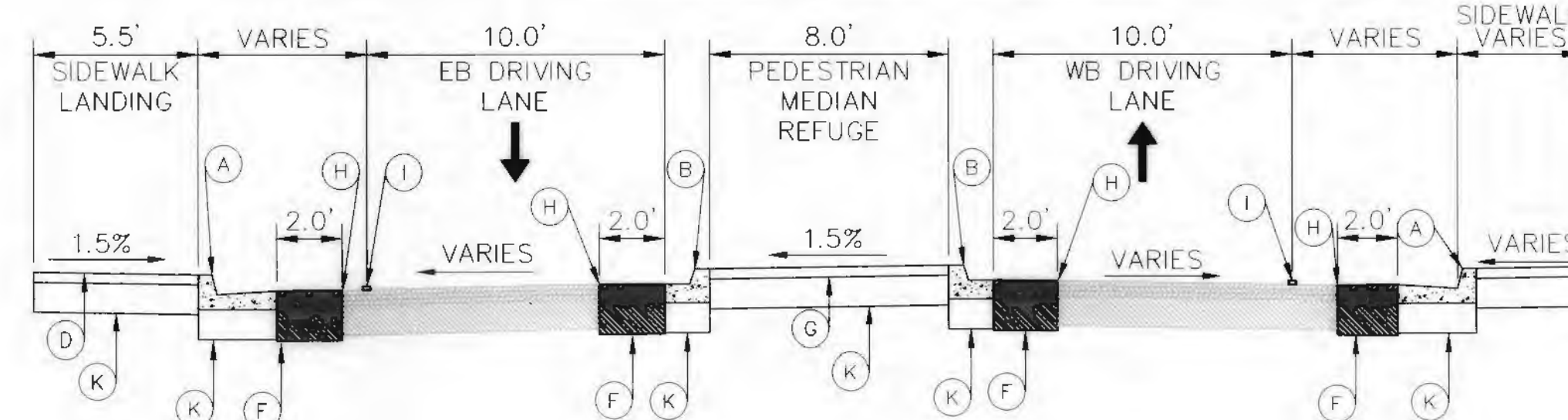
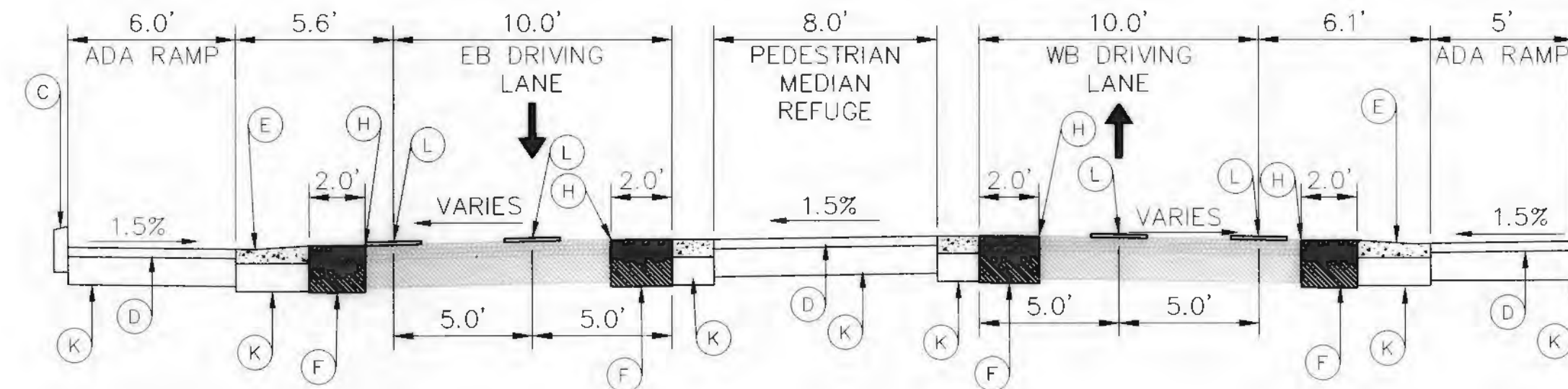
KEYED NOTES:

- (A) INSTALL STANDARD CURB AND GUTTER. SEE COA STD. DWG. 2415A
- (B) INSTALL STANDARD MEDIAN CURB AND GUTTER. SEE COA STD. DWG. 2415B
- (C) INSTALL STANDARD HEADER CURB. SEE COA STD. DWG. 2415B
- (D) INSTALL 4" CONCRETE SIDEWALK COA STD. DWG. 2430
- (E) GUTTER AT CURB ACCESS RAMP COA STD. DWG. 2415A
- (F) NEW PAVEMENT PER COA STD. DWG. 2465 - COLLECTOR STREET
- (G) TEXTURED MEDIAN PAVEMENT SHALL BE PCC, ASHLAR SLATE PATTERN, TRANSVERSE TO CENTERLINE, COLOR SHALL BE MESA BUFF
- (H) SAWCUT EXISTING PAVEMENT TO A NEAT STRAIGHT LINE
- (I) 4" RETROREFLECTORIZED PLASTIC MARKINGS SOLID WHITE
- (J) 4" DOUBLE YELLOW RETROREFLECTORIZED PLASTIC MARKING SOLID YELLOW
- (K) 12" SUBGRADE PREP, 95% COMPACTION
- (L) 24" HOT THERMOPLASTIC PAVEMENT MARKING(S)

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		BY	
CONTRACTOR	DATE	PROJECT BENCHMARK IS CITY OF	ALBUQUERQUE CONTROL STATION	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK BY	DATE	"11-617" PUBLISHED ELEVATION	5182.450 ELEVATIONS ARE ADJUSTED								
ACCEPTANCE BY	DATE	BASED ON COA BENCHMARK	(NAD 83)								
VERIFICATION BY	DATE										
DRAWINGS BY	DATE										
CONSTRUCTION BY	DATE										
MICRO-FILM INFORMATION		REVISIONS		BY		DATE		DATE		DATE	
RECORDED BY	DATE	NO.									



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION	
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS PROPOSED TYPICAL SECTIONS	
Design Review Committee APPROVED MAY 15 2015 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED MAY 15 2015 CITY ENGINEER
City Project No. 7854.05	Zone Map No. G17
Sheet 9	OF 22



KEYED NOTES:

- (A) INSTALL STANDARD CURB AND GUTTER.
SEE COA STD. DWG. 2415A
- (B) INSTALL STANDARD MEDIAN CURB AND
GUTTER. SEE COA STD. DWG. 2415B
- (C) INSTALL STANDARD HEADER CURB.
SEE COA STD. DWG. 2415B
- (D) INSTALL 4" CONCRETE SIDEWALK
COA STD. DWG. 2430
- (E) GUTTER AT CURB ACCESS RAMP
COA STD. DWG. 2415A
- (F) NEW PAVEMENT PER COA STD. DWG.
2465 – MAJOR LOCAL STREET
- (G) TEXTURED MEDIAN PAVEMENT SHALL BE
PCC, ASHLAR SLATE PATTERN,
TRANSVERSE TO CENTERLINE, COLOR
SHALL BE MESA BUFF
- (H) SAWCUT EXISTING PAVEMENT TO A NEAT
STRAIGHT LINE
- (I) 4" RETROREFLECTORIZED PLASTIC
MARKINGS SOLID WHITE
- (J) 4" DOUBLE YELLOW RETROREFLECTORIZED
PLASTIC MARKING SOLID YELLOW
- (K) 12" SUBGRADE PREP, 95% COMPACTION
- (L) 24" HOT THERMOPLASTIC PAVEMENT
MARKING(S)

					ENGINEER'S SEAL	SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
					 05-01-2015	FIELD NOTES			PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G7" PUBLISHED ELEVATION 5182.450' ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)	CONTRACTOR WORK INSPECTED BY FIELD ACCEPTANCE BY DRAWINGS CORRECTED BY	DATE DATE DATE DATE DATE			
				NO.		BY	DATE							
SOUDER, MILLER & ASSOCIATES														
REVISIONS														
NO. DATE				REMARKS				BY						
DESIGNED BY: TJY														
DATE: 4/30/15														
DRAWN BY: TJY														
DATE: 4/30/15														
CHECKED BY: E.JH														
DATE: 4/30/15														



TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS

PROPOSED TYPICAL SECTIONS

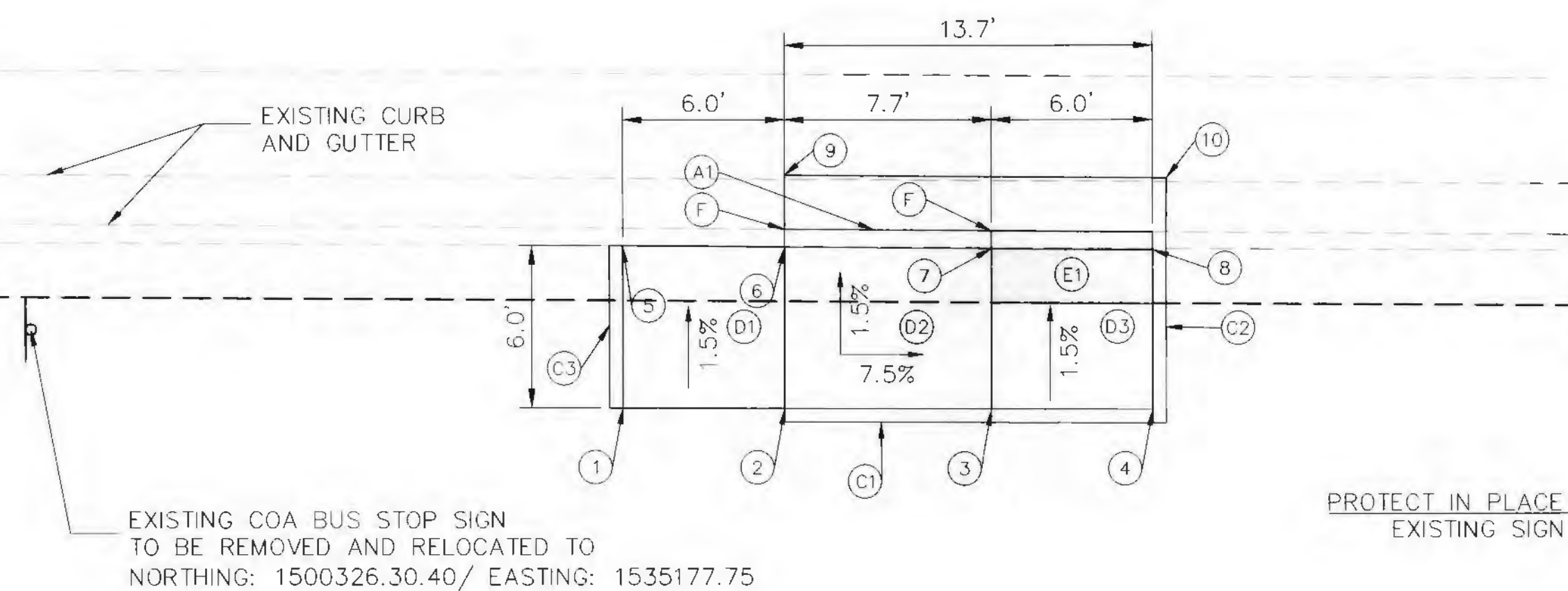
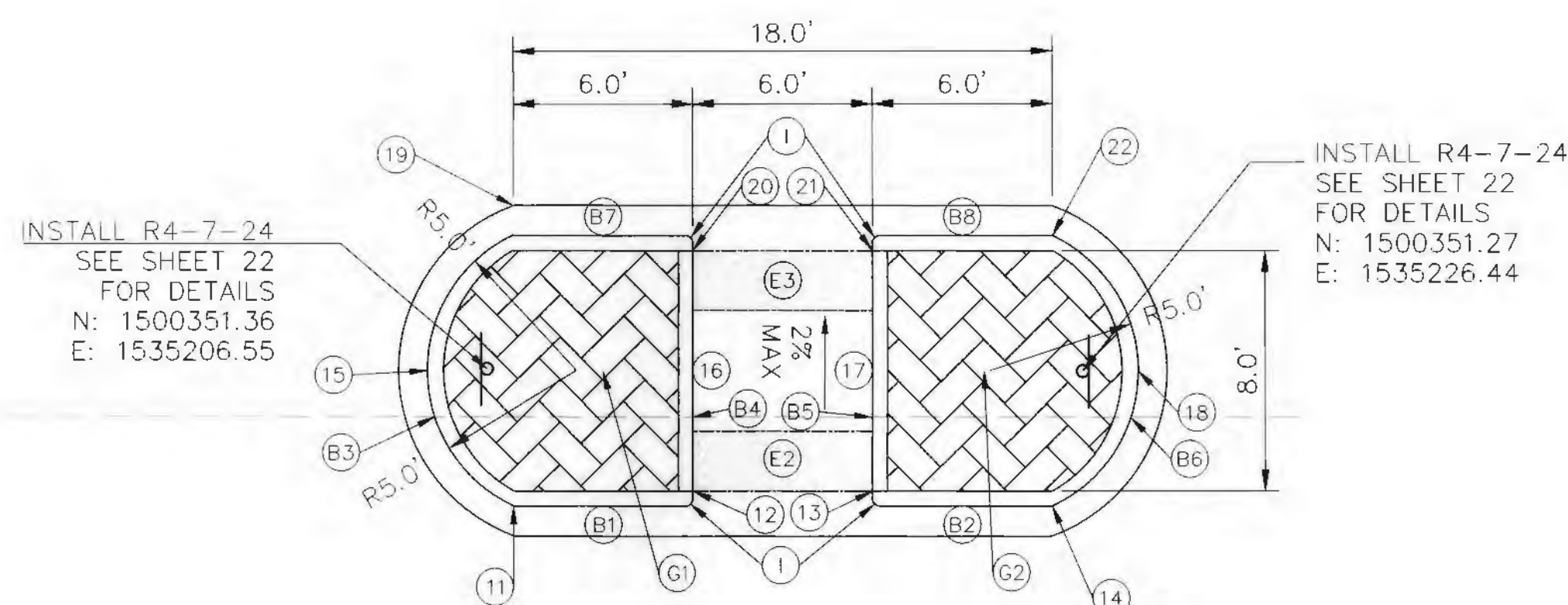
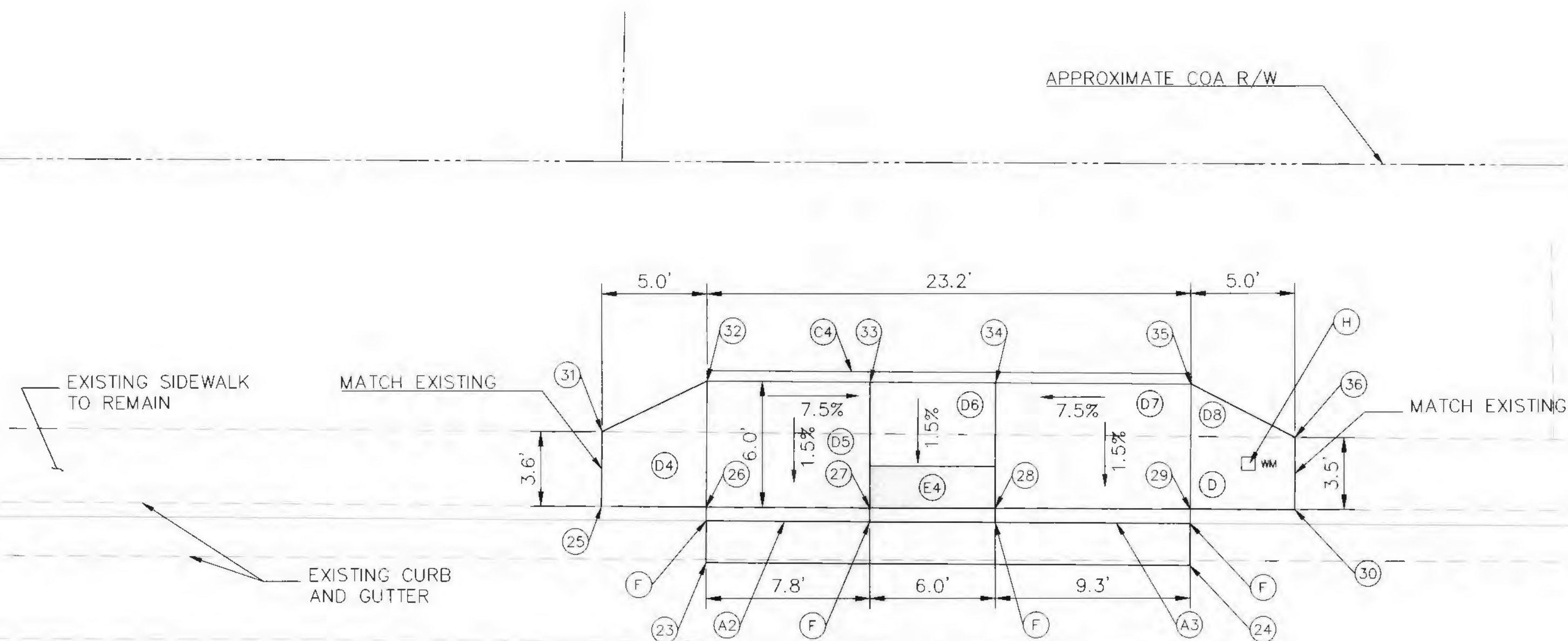
Design Review Committee		City Engineer Approval		Mo./Day/Yr.		Mo./Day/Yr.	
				Last Design Update			
City Project No. 7854.05		Zone Map No. G17		Sheet 10 OF 22			

RECORD DRAWING

SCALE 1"=5'

Date: Apr 30, 2015 - 10:50am
Drawing Name: P-V-COA-01-Plan-17854-3SERIES.dwg
Layout: 11 PROPOSED MEDIAN REFUGE (COMANCHE-CHEROKEE)
Title Block: P-V-COA-01-Plan-17854-3SERIES.dwg

COMANCHE RD.



SOUTHERN SECTION (COMANCHE RD. / CHEROKEE ST.)					
PT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC ELEVATION
1	1500323.39	1535199.73	5130.75	SW LANDING/HEADER	5131.25
2	1500323.38	1535205.73	5130.79	SW LANDING/HEADER	5130.79
3	1500323.35	1535213.42	5130.19	RAMP ELEV/HEADER	5130.86
4	1500323.33	1535219.41	5130.22	SW LANDING/HEADER	5130.89
5	1500329.41	1535199.72	5130.66	SW LANDING/HEADER	5131.16
6	1500329.36	1535205.72	5130.06 (FL)	BOC ELEVATION	5130.70
7	1500329.29	1535213.42	5130.10 (FL)	BOC ELEVATION	5130.10
8	1500329.24	1535219.42	5130.13 (FL)	SW LANDING/HEADER	5130.76
9	1500332.01	1535205.72	5130.11	PVMT ELEV	-
10	1500331.91	1535219.94	5130.19	PVMT ELEV	-

MEDIAN REFUGE (COMANCHE RD. / CHEROKEE ST.)					
PT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC ELEVATION
11	1500346.81	1535207.42	5130.35	FACE OF CURB	5130.85
12	1500347.30	1535213.42	5130.35	SW ELEV/HEADER	5130.85
13	1500347.30	1535219.42	5130.35	SW ELEV/HEADER	5130.85
14	1500346.78	1535225.42	5130.42	FACE OF CURB	5130.92
15	1500351.30	1535204.56	5130.29	FACE OF CURB	5130.79
16	1500351.30	1535213.42	5130.27	SW ELEV/HEADER	5130.77
17	1500351.29	1535219.42	5130.27	SW ELEV/HEADER	5130.77
18	1500351.28	1535228.29	5130.37	FACE OF CURB	5130.87
19	1500355.81	1535207.43	5130.12	FACE OF CURB	5130.62
20	1500355.30	1535213.43	5130.19	SW ELEV/HEADER	5130.69
21	1500355.29	1535219.43	5130.19	SW ELEV/HEADER	5130.69
22	1500355.78	1535225.43	5130.19	FACE OF CURB	5130.69

NORTHERN SECTION (COMANCHE RD. / CHEROKEE ST.)					
PT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC ELEVATION
23	1500370.74	1535205.61	5129.53	PVMT ELEV	-
24	1500370.58	1535228.78	5129.67	PVMT ELEV	-
25	1500373.43	1535200.63	5130.13	SW LANDING	5130.13
26	1500373.39	1535205.63	5129.51 (FL)	BOC ELEVATION	5130.14
27	1500373.35	1535213.46	5129.56 (FL)	BOC ELEVATION	5129.56
28	1500373.32	1535219.46	5129.60 (FL)	BOC ELEVATION	5129.60
29	1500373.27	1535228.79	5129.66 (FL)	BOC ELEVATION	5129.30
30	1500373.24	1535233.79	5130.34	SW LANDING	5130.34
31	1500376.99	1535200.66	5130.27	SW LANDING	5130.27
32	1500379.41	1535205.68	5130.23	SW ELEV/HEADER	5130.23
33	1500379.36	1535213.49	5129.65	RAMP ELEV/HEADER	5130.32
34	1500379.31	1535219.49	5129.69	RAMP ELEV/HEADER	5130.36
35	1500379.25	1535228.85	5130.39	SW ELEV/HEADER	5130.39
36	1500379.69	1535233.81	5130.43	SW LANDING	5130.43

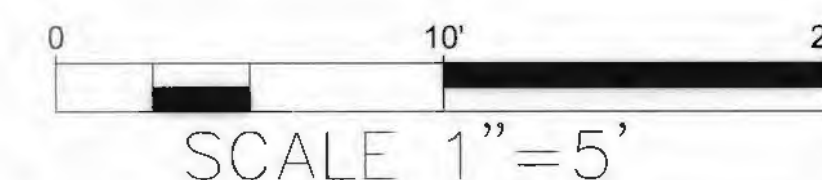
(FL) INDICATES FLOWLINE ELEVATION

KEYED NOTES CONTINUED:

- (E) INSTALL DETECTABLE WARNING SURFACE. SEE SHEET 13 FOR DETAILS
- SOUTHERN SECTION
- E1 - INSTALL 6'X2' OF DWS PED. MEDIAN REFUGE
 - E2 - INSTALL 6'X2' OF DWS
 - E3 - INSTALL 6'X2' OF DWS
- NORTHERN SECTION
- E4 - INSTALL 6'X2' OF DWS
- (F) GRADING POINT
- (G) INSTALL TEXTURED MEDIAN PAVEMENT. SHALL BE PCC, ASHLAR SLATE PATTERN, TRANSVERSE TO CENTERLINE. COLOR SHALL BE MESA BUFF.
- G1 - INSTALL 57.3 FT² OF TEXTURED MEDIAN PAVEMENT
 - G2 - INSTALL 57.3 FT² OF TEXTURED MEDIAN PAVEMENT
- (H) WATER VALVE TO BE ADJUSTED TO FINISHED GRADE PER COA STD. DWG. 2326 AND 2328
- (I) 3" MINIMUM RADIUS

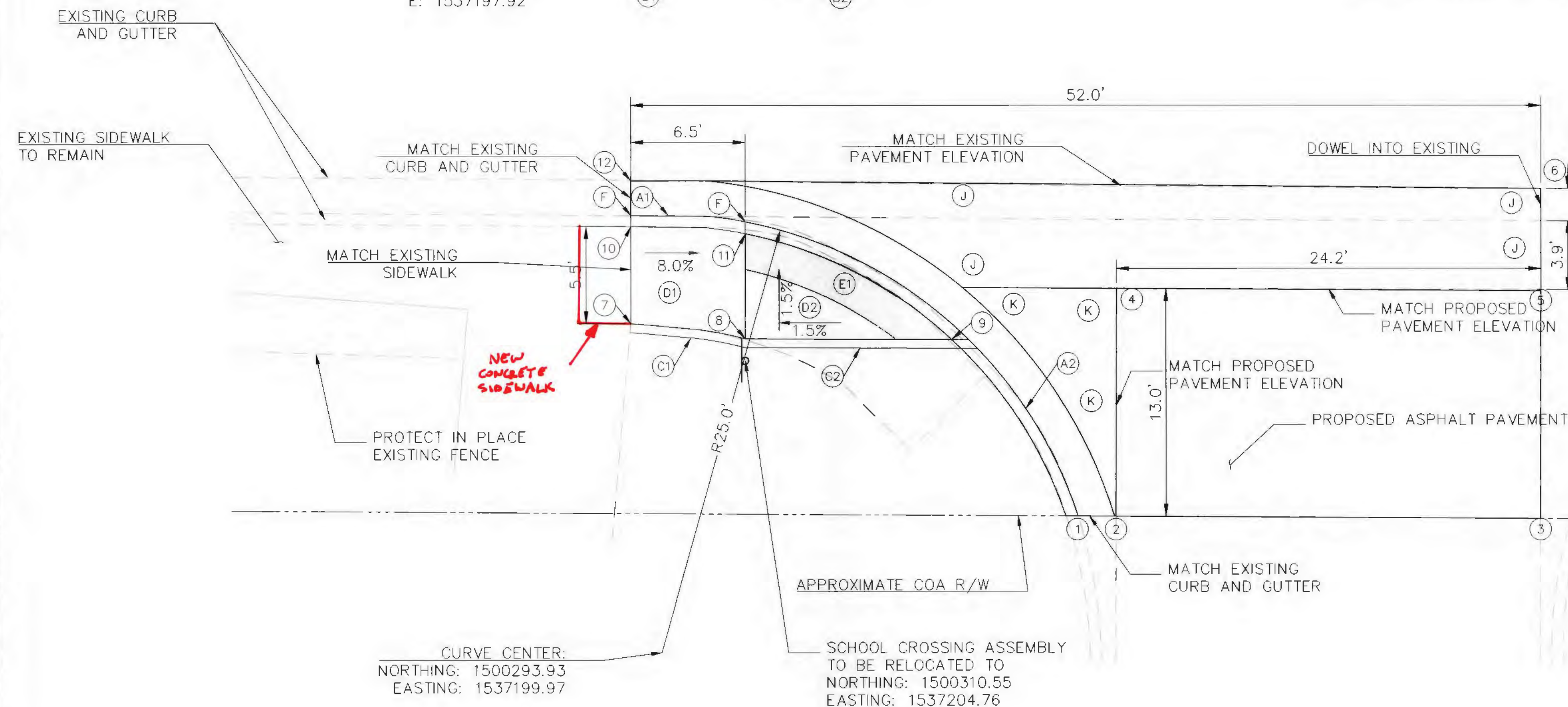
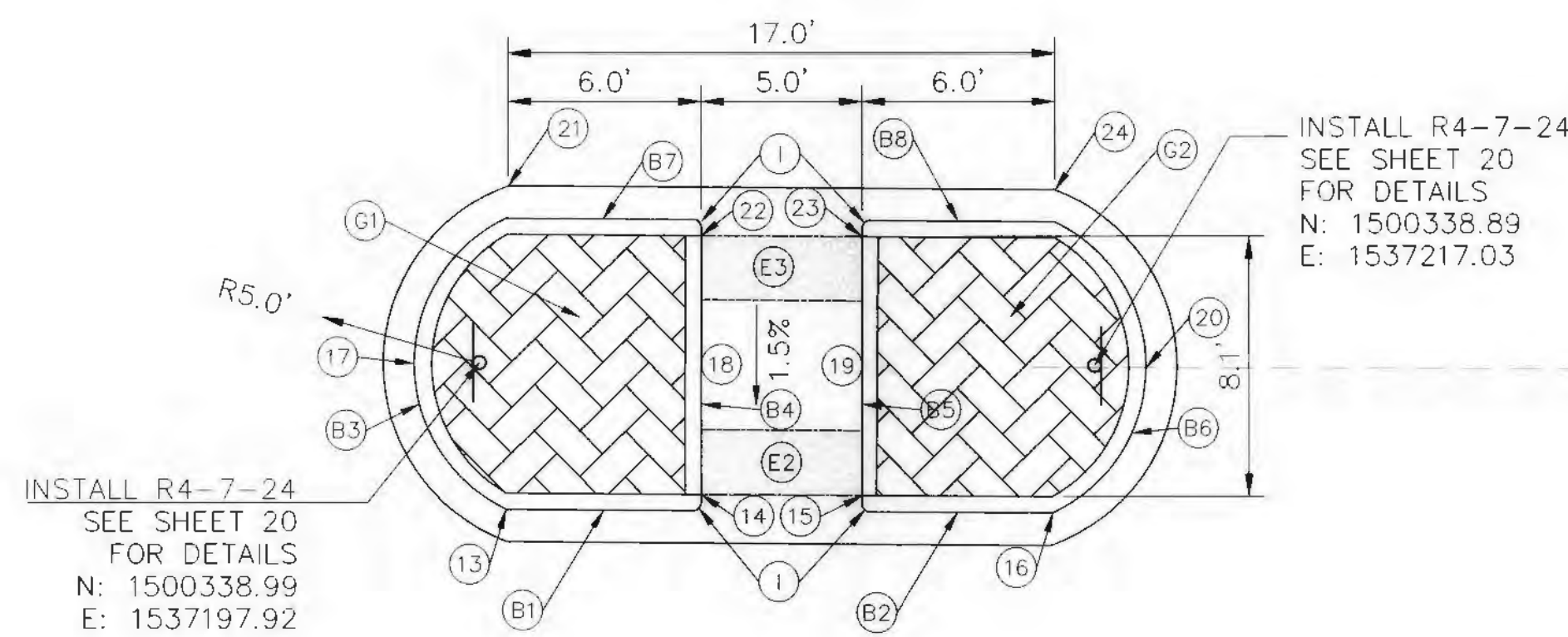
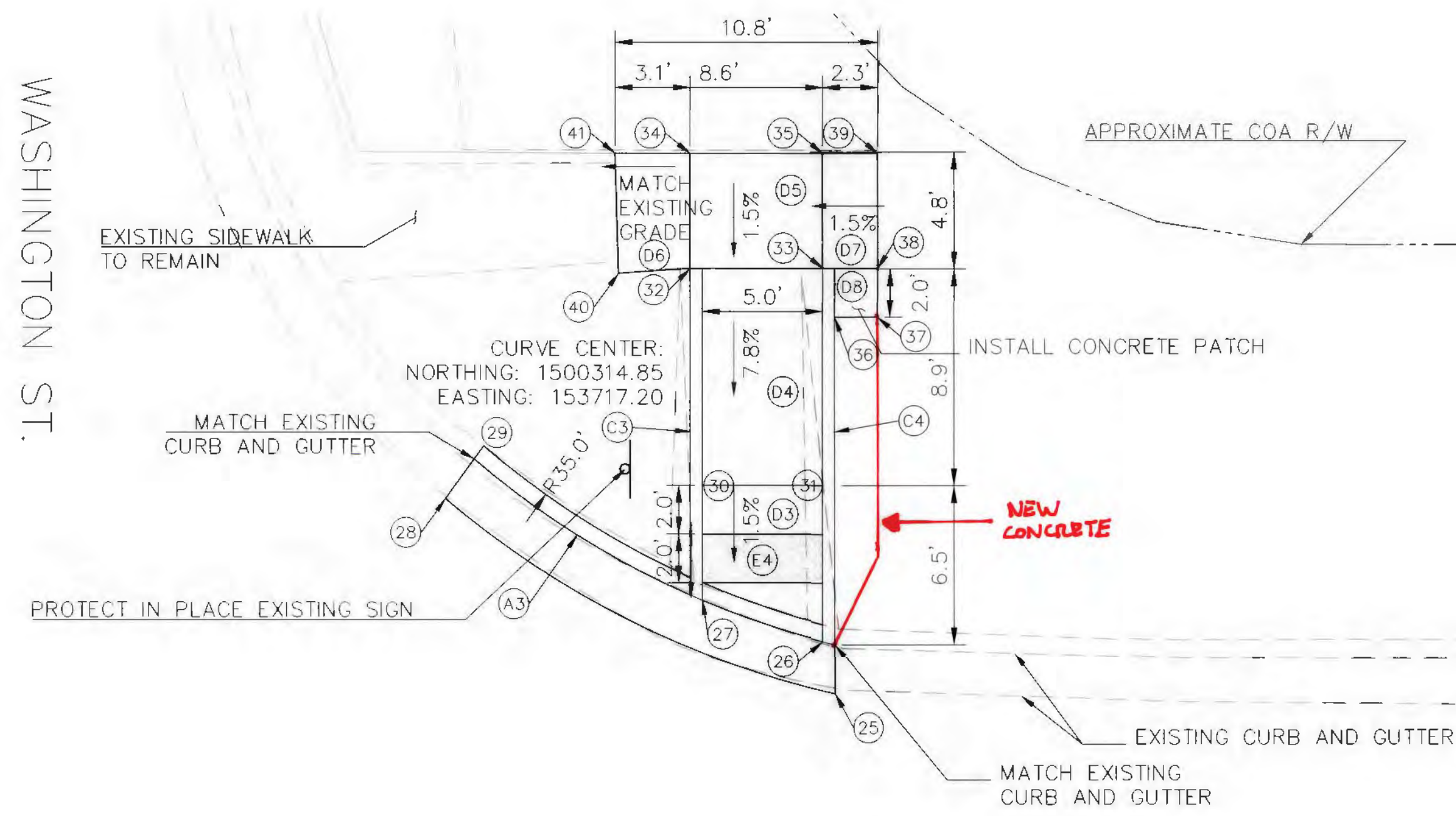
KEYED NOTES:

- (A) INSTALL STANDARD CURB AND GUTTER. SEE COA STD. DWG. 2415A
- SOUTHERN SECTION
- A1 - INSTALL 7.7' OF STD. C&G
 - A2 - INSTALL 7.8' OF STD. C&G
 - A3 - INSTALL 9.3' OF STD. C&G
- NORTHERN SECTION
- (B) INSTALL STANDARD MEDIAN CURB AND GUTTER. SEE COA STD. DWG. 2415B
- B1 - INSTALL 6' OF MEDIAN C&G ON SOUTHWESTERN PORTION OF PROPOSED MEDIAN REFUGE.
 - B2 - INSTALL 6' OF MEDIAN C&G ON SOUTHEASTERN PORTION OF PROPOSED MEDIAN REFUGE.
 - B3 - INSTALL 11.3' OF MEDIAN C&G WITH 5' RADIUS ON WESTERN PORTION OF PROPOSED MEDIAN REFUGE.
 - B4 - INSTALL 8' OF MEDIAN C&G EAST OF PROPOSED SIDEWALK WITHIN PROPOSED PED. MEDIAN REFUGE.
 - B5 - INSTALL 8' OF MEDIAN C&G WEST OF PROPOSED SIDEWALK WITHIN PROPOSED PED. MEDIAN REFUGE.
 - B6 - INSTALL 11.3' OF MEDIAN C&G WITH 5' RADIUS ON EASTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B7 - INSTALL 6' OF MEDIAN C&G ON NORTHWESTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B8 - INSTALL 6' OF MEDIAN C&G ON NORTHEASTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
- (C) INSTALL STANDARD HEADER CURB. SEE COA STD. DWG. 2415B
- C1 - INSTALL 13.7' OF STD. HEADER CURB ON SOUTH SIDE OF COMANCHE RD.
 - C2 - INSTALL 7.1' OF STD. HEADER CURB ON SOUTH SIDE OF COMANCHE RD. NEAREST CHEROKEE RD.
 - C3 - INSTALL 6' OF STD. HEADER CURB WEST OF SOUTH SIDE COMANCHE RD. ADA RAMP.
 - C4 - INSTALL 23.2' OF STD. HEADER CURB NORTH OF PROPOSED COMANCHE RD. PED. MEDIAN REFUGE.
- (D) INSTALL 4" CONCRETE SIDEWALK SOUTHERN SECTION
- D1 - INSTALL 6'X6' SIDEWALK LANDING
 - D2 - INSTALL 7.7'X6' ADA RAMP
 - D3 - INSTALL 6'X6' ADA RAMP LANDING
- NORTHERN SECTION
- D4 - INSTALL 24 SQ. FT OF SIDEWALK LANDING
 - D5 - INSTALL 7.8'X6' ADA RAMP
 - D6 - INSTALL 6'X6' ADA RAMP LANDING
 - D7 - INSTALL 9.3'X6' ADA RAMP
 - D8 - INSTALL 23.5 SQ. FT. OF SIDEWALK LANDING



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION			
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS PROPOSED MEDIAN REFUGE (COMANCHE-CHEROKEE)			
Design Review Committee	City Engineer Approval	Last Design Update	
APPROVE MAY 15 2015 DESIGN REVIEW COMMITTEE	APPROVE MAY 15 2015 CITY ENGINEER		
City Project No. 7854.05	Zone Map No. G17	Sheet 11 OF 22	

RECORD DRAWING



SOUTHERN SECTION (COMANCHE RD. / WASHINGTON ST.)					
	NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC
1	1500301.69	5137223.1	5160.76 (FL)	BOC ELEVATION	5161.08
2	1500301.68	1537225.98	5160.78	PVMT ELEV	-
3	1500301.54	1538250.23	5160.99	PVMT ELEV	-
4	1500314.66	1537226.02	5160.22	PVMT ELEV	-
5	1500314.6	1537250.26	5160.53	PVMT ELEV	-
6	1500320.37	1537250.27	5160.23	PVMT ELEV	-
7	1500312.67	1537198.22	5160.44	RAMP ELEV/HEADER	5160.44
8	1500311.80	1537204.76	5159.93	RAMP ELEV/HEADER	5160.61
9	1500311.76	1537216.52	5160.10 (FL)	BOC ELEVATION	5160.77
10	1500318.20	1537198.22	5159.74 (FL)	RAMP ELEV/HEADER	5160.34
11	1500317.78	1537204.77	5159.84 (FL)	BOC ELEVATION	5159.84
12	1500320.80	1537198.22	5159.83	PVMT ELEV	-
MEDIAN REFUGE (COMANCHE RD. / WASHINGTON ST.)					
	NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC
13	1500334.46	1537198.79	5160.13	FACE OF CURB	5160.63
14	1500334.42	1537204.79	5160.16	SW ELEV/HEADER	5160.66
15	1500334.39	1537209.79	5160.23	SW ELEV/HEADER	5160.73
16	1500334.35	1537215.79	5160.34	FACE OF CURB	5160.84
17	1500338.96	1537195.77	5160.15	FACE OF CURB	5160.65
18	1500338.92	1537204.79	5160.21	SW ELEV/HEADER	5160.71
19	1500338.88	1537209.79	5160.30	SW ELEV/HEADER	5160.80
20	1500338.82	1537219.76	5160.47	FACE OF CURB	5160.97
21	1500343.46	1537198.80	5160.18	FACE OF CURB	5160.68
22	1500343.42	1537204.80	5160.25	SW ELEV/HEADER	5160.75
23	1500343.39	1537209.80	5160.34	SW ELEV/HEADER	5160.84
24	1500343.35	1537215.80	5160.37	FACE OF CURB	5160.87
NORTHERN SECTION (COMANCHE RD. / WASHINGTON ST.)					
	NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC
25	1500357.11	1537210.29	5160.08	PVMT ELEV	-
26	1500359.29	1537209.79	5160.04 (FL)	SW ELEV/HEADER	5160.71
27	1500360.97	1537204.82	5160.04 (FL)	SW ELEV/HEADER	5160.72
28	1500365.15	1537194.24	5160.02	PVMT ELEV	-
29	1500367.31	1537195.81	5160.01 (FL)	BOC ELEVATION	5160.54
30	1500365.69	1537204.82	5160.11	RAMP ELEV/HEADER	5160.77
31	1500365.69	1537209.79	5160.11	RAMP ELEV/HEADER	5160.77
32	1500374.61	1537204.31	5160.81	RAMP ELEV/HEADER	5160.81
33	1500374.62	1537209.79	5160.81	RAMP ELEV/HEADER	5160.81
34	1500379.35	1537204.31	5160.88	SW LANDING ELEV	-
35	1500379.35	1537209.79	5160.88	SW LANDING ELEV	-
36	1500372.62	1537210.29	5160.80	SW	-
37	1500372.61	1537212.08	5160.81	SW	-
38	1500374.62	1537212.08	5160.84	SW	-
39	1500379.35	1537212.08	5160.91	SW	-
40	1500374.46	1537201.38	5160.69	SW	-
41	1500379.35	1537201.24	5160.74	SW	-

(FL) INDICATES FLOWLINE ELEVATION

(FL) INDICATES FLOWLINE ELEVATION

KEYED NOTES CONTINUED:

- (E) INSTALL DETECTABLE WARNING SURFACE
SEE SHEET 13 FOR DETAILS
SOUTHERN SECTION
- E1 - INSTALL 13.5'x2' DWS PED. MEDIAN REFUGE
 - E2 - INSTALL 5'x2' DWS
 - E3 - INSTALL 5'x2' DWS
 - E4 - INSTALL 5'x2' DWS
- (F) GRADING POINT
- (G) INSTALL TEXTURED MEDIAN PAVEMENT.
SHALL BE PCC, ASHLAR SLATE PATTERN, TRANSVERSE TO CENTERLINE. COLOR SHALL BE MESA BUFF.
- G1 - INSTALL 57.3 FT² OF TEXTURED MEDIAN PAVEMENT
 - G2 - INSTALL 57.3 FT² OF TEXTURED MEDIAN PAVEMENT
- (H) WATER VALVE TO BE ADJUSTED TO GRADE
- (I) 3" MINIMUM RADIUS
- (J) INSTALL 234 FT² VALLEY GUTTER
SEE COA STD. DWG. 2415A FOR DETAILS
- (K) INSTALL 47 FT² OF 6" PCC DRIVEWAY

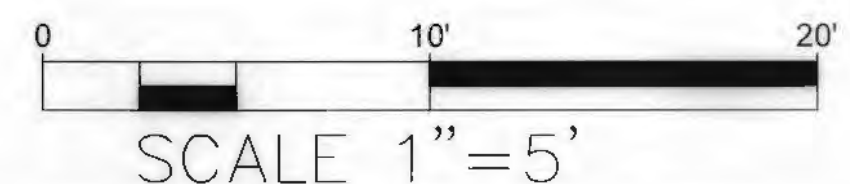
KEYED NOTES:

- (A) INSTALL STANDARD CURB AND GUTTER.
SEE COA STD. DWG. 2415A
- A1 - INSTALL 6.5' OF STD. C&G WEST OF PROPOSED SOUTHERN ADA RAMP.
 - A2 - INSTALL 11.3' OF STD. C&G EAST OF PROPOSED SOUTHERN ADA RAMP.
 - A3 - INSTALL 10.6' OF STD. C&G WEST OF PROPOSED NORTHERN ADA RAMP.
- (B) INSTALL STANDARD MEDIAN CURB AND GUTTER. SEE COA STD. DWG. 2415B
- B1 - INSTALL 6' OF MEDIAN C&G ON SOUTHWESTERN PORTION OF PED. PROPOSED MEDIAN REFUGE.
 - B2 - INSTALL 6' OF MEDIAN C&G ON SOUTHEASTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B3 - INSTALL 11.3' OF MEDIAN C&G WITH 5' RADIUS ON WESTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B4 - INSTALL 8' OF MEDIAN C&G EAST OF PROPOSED SIDEWALK WITHIN PROPOSED PED. MEDIAN REFUGE.
 - B5 - INSTALL 8' OF MEDIAN C&G WEST OF PROPOSED SIDEWALK WITHIN PROPOSED PED. MEDIAN REFUGE.
 - B6 - INSTALL 11.3' OF MEDIAN C&G WITH 5' RADIUS ON EASTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B7 - INSTALL 6' OF MEDIAN C&G ON NORTHWESTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B8 - INSTALL 6' OF MEDIAN C&G ON NORTHEASTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
- (C) INSTALL STANDARD HEADER CURB.
SEE COA STD. DWG. 2415B
- C1 - INSTALL 6.5' OF STD. HEADER CURB ON PROPOSED SOUTHERN COMANCHE RD. ADA RAMP.
 - C2 - INSTALL 13.3' OF STD. HEADER CURB SOUTH OF PROPOSED SOUTHERNMOST DWS.
 - C3 - INSTALL 13.7' OF STD. HEADER CURB WEST OF PROPOSED NORTHERN ADA RAMP.
 - C4 - INSTALL 15.3' OF STD. HEADER CURB EAST OF PROPOSED NORTHERN ADA RAMP.
- (D) INSTALL 4" CONCRETE SIDEWALK
- D1 - INSTALL 38 FT² ADA RAMP TO MATCH EXISTING SIDEWALK WEST OF PROPOSED ADA RAMP
 - D2 - INSTALL 44.2 FT² SIDEWALK LANDING
 - D3 - INSTALL 28 FT² SIDEWALK LANDING
 - D4 - INSTALL 44.5 FT² ADA RAMP
 - D5 - INSTALL 26 FT² SIDEWALK LANDING
 - D6 - INSTALL 14.6 FT² RAMP TO MATCH EXISTING GRADE OF RAMP WEST OF PROPOSED RAMP
 - D7 - INSTALL 10.9 FT² 1.5% SLOPE RAMP TO MATCH EXISTING SIDEWALK EAST OF PROPOSED RAMP
 - D8 - INSTALL 3.6 FT² CONCRETE PATCH



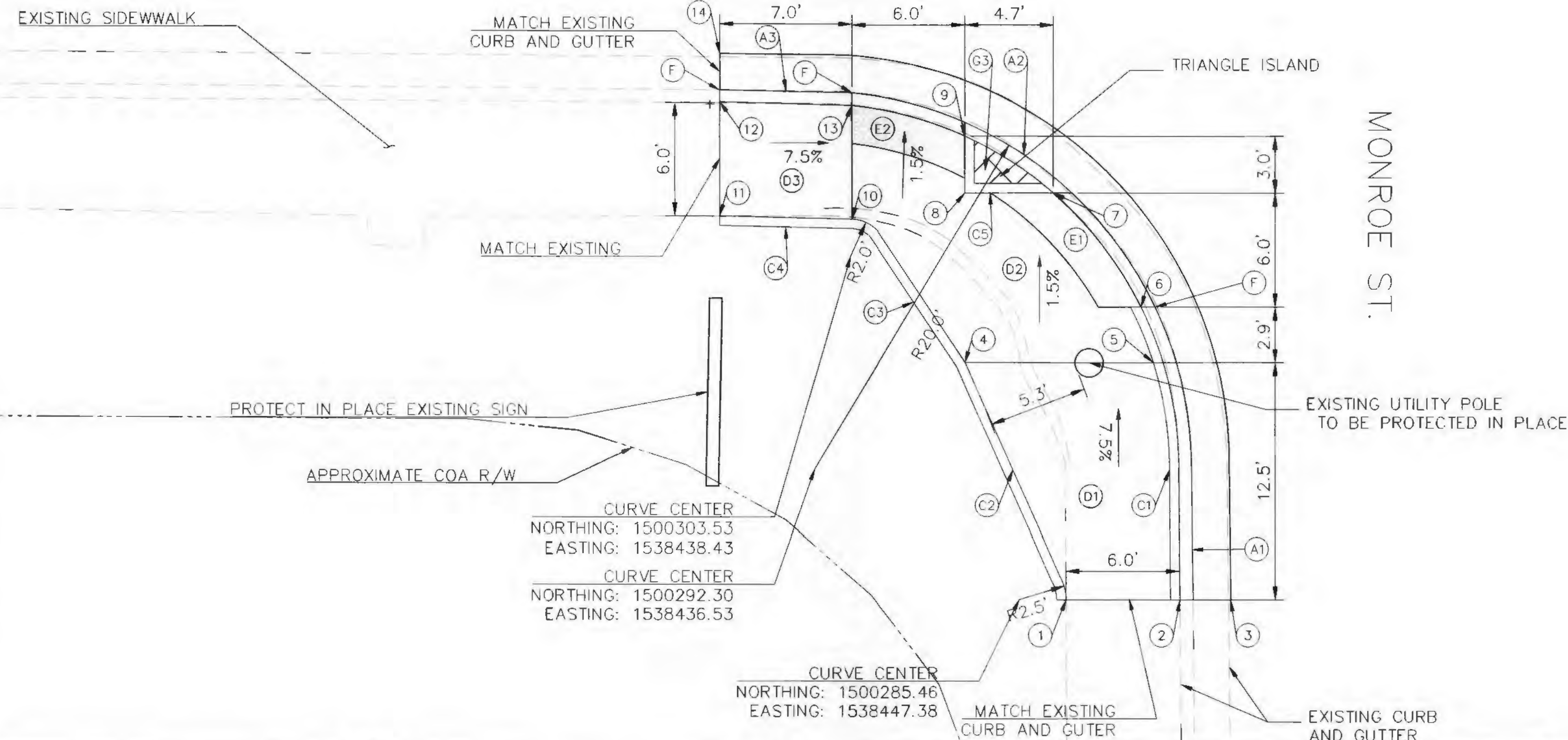
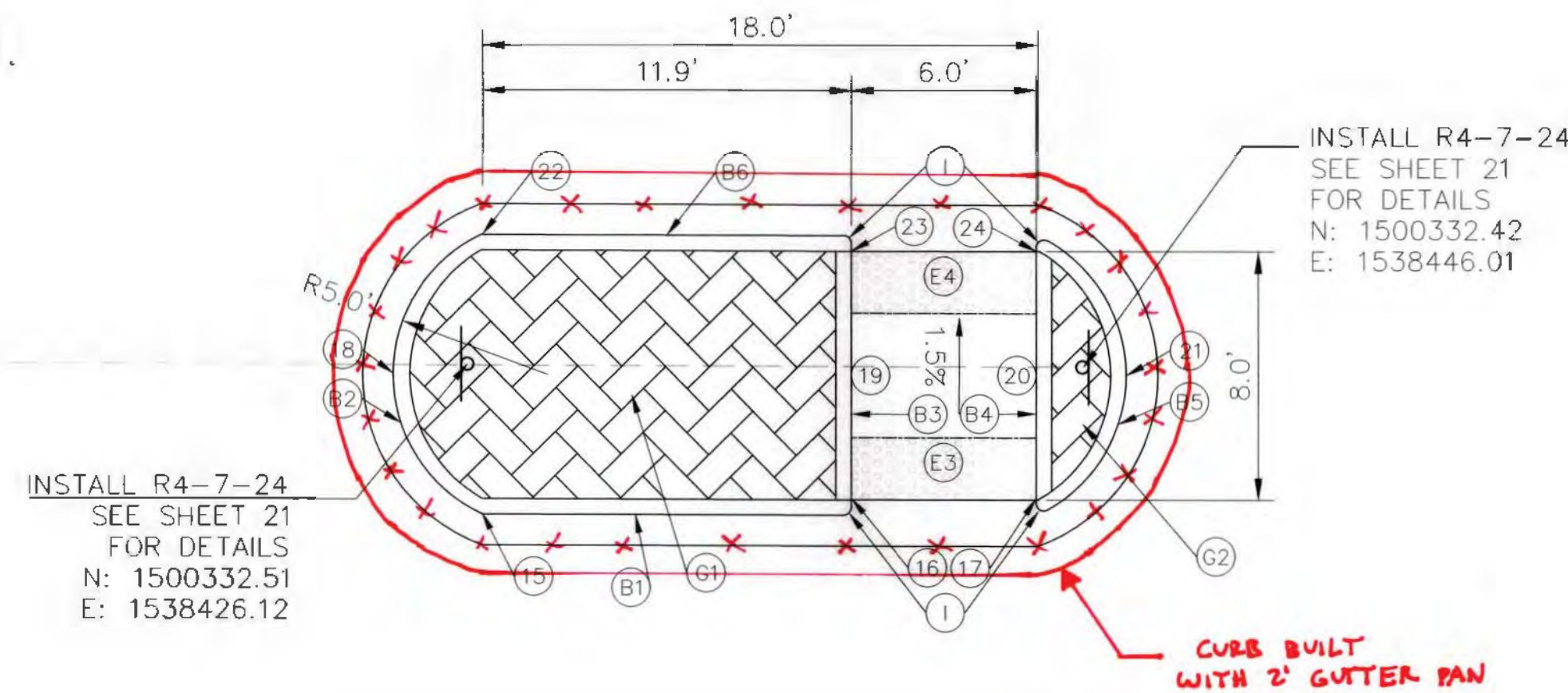
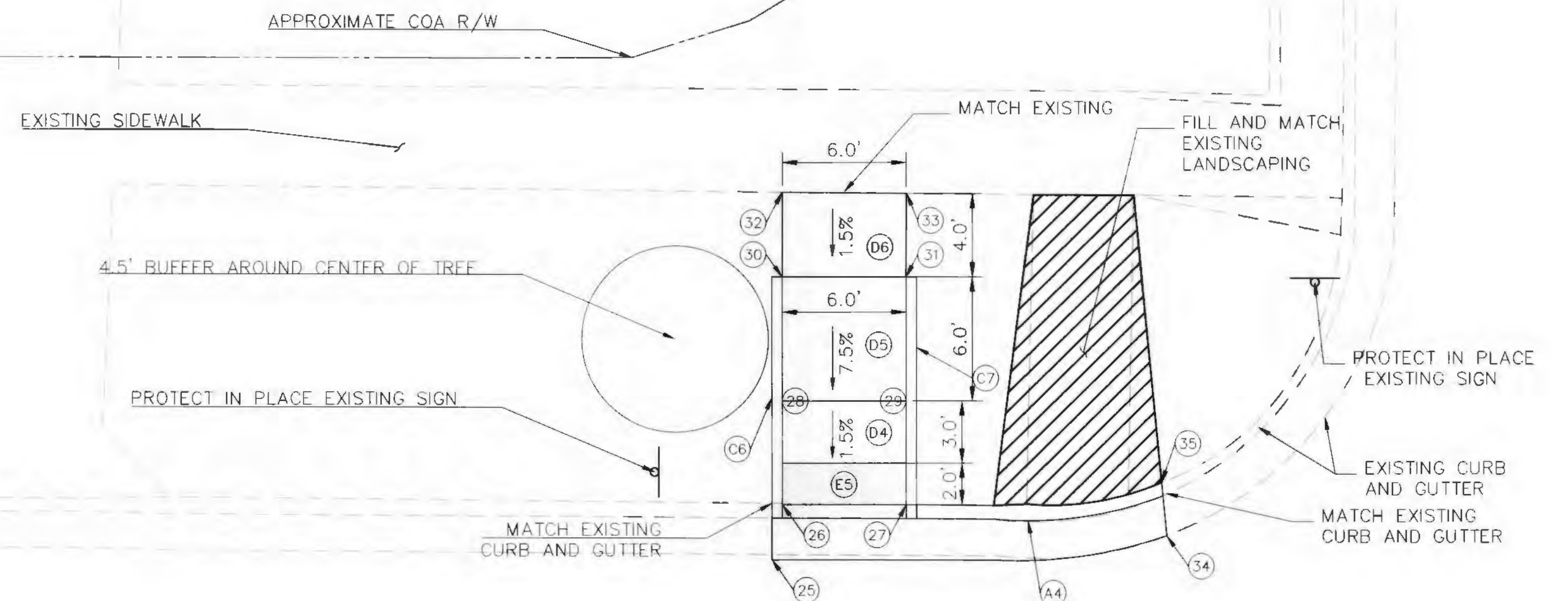
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		NO. / DAY / YR.	
APPROVE	APPROVE	APPROVE	APPROVE		
MAY 15 2015	MAY 15 2015	MAY 15 2015	MAY 15 2015		
DESIGN REVIEW COMMITTEE	CITY ENGINEER				
City Project No.	7854.05	Zone Map No.	G17	Sheet	12 OF 22

RECORD DRAWING



Date: Apr 30, 2015 - 10:30am
Layout: 13 PROPOSED MEDIAN REFUGE (COMANCHE-MONROE)
Drawing Name: P:\V-COA-09-Coll_Traffic_Eng_2014\242899\CA01\TASK-4\PROP3\7854-5SERIES.dwg

COMANCHE RD.



SOUTHERN SECTION (COMANCHE RD. / MONROE ST.)				
NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC
1	1500285.46	1538449.88	5182.32 SW ELEV/HEADER	5182.32
2	1500285.46	1538455.9	5181.60(FI) SW ELEV/HEADER	5182.22
3	1500285.46	1538458.6	5181.60 PVTM ELEV	-
4	1500297.96	1538444.52	5181.39 RAMP ELEV/HEADER	5182.05
5	1500297.96	1538455.01	5181.33 RAMP ELEV/HEADER	5182.10
6	1500300.91	1538453.84	5181.4(FI) BOC ELEVATION	5182.07
7	1500306.91	1538449.19	5181.30(FI) BOC ELEVATION	5181.97
8	1500306.91	1538444.53	5181.26 TRIANGLE CURB ELEV	5181.93
9	1500309.91	1538444.52	5181.22(FI) BOC ELEVATION	5181.89
10	1500305.53	1538438.52	5181.22 RAMP ELEV/HEADER	5181.88
11	1500305.68	1538431.52	5181.69 SW ELEV/HEADER	5181.69
12	1500311.66	1538431.52	5180.98(FI) SW ELEV/HEADER	5181.65
13	1500311.53	1538438.52	5181.13(FI) BOC ELEVATION	5181.13
14	1500314.26	1538431.52	5181.00 PVTM ELEV	-

MEDIAN REFUGE (COMANCHE RD. / MONROE ST.)				
NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC
15	1500327.68	1538426.58	5080.85 FACE OF CURB	5081.35
16	1500328.15	1538438.52	5180.98 SW ELEV/HEADER	5181.48
17	1500328.14	1538444.52	5181.07 SW ELEV/HEADER	5181.57
18	1500332.19	1538423.73	5180.77 FACE OF CURB	5181.27
19	1500332.16	1538438.52	5180.92 SW ELEV/HEADER	5181.42
20	1500332.14	1538444.52	5181.01 SW ELEV/HEADER	5181.51
21	1500332.14	1538447.42	5181.13 FACE OF CURB	5181.63
22	1500336.68	1538426.61	5180.66 FACE OF CURB	5181.16
23	1500336.15	1538438.52	5180.86 SW ELEV/HEADER	5181.36
24	1500336.14	1538444.52	5180.95 SW ELEV/HEADER	5181.45

NORTHERN SECTION (COMANCHE RD. / MONROE ST.)				
NORTHING	EASTING	ELEVATION	DESCRIPTION	TOC
25	1500350.03	1538438.02	5180.49 PVTM ELEV	-
26	1500352.7	1538438.52	5180.45(FI) SW ELEV/HEADER	5181.22
27	1500352.7	1538444.52	5180.54(FI) SW ELEV/HEADER	5181.23
28	1500357.7	1538438.52	5180.53 RAMP ELEV/HEADER	5181.20
29	1500357.7	1538444.52	5180.62 RAMP ELEV/HEADER	5181.29
30	1500363.7	1538438.52	5180.98 SW LANDING/ELEV	5180.98
31	1500363.7	1538444.52	5181.07 SW LANDING/ELEV	5181.07
32	1500367.77	1538438.52	5181.00 SW	-
33	1500367.71	1538444.52	5181.09 SW	-
34	1500351.21	1538457.09	5180.84 PVTM ELEV	-
35	1500353.77	1538456.84	5181.54 BOC ELEVATION	5181.54

(FI) INDICATES FLOWLINE ELEVATION

- KEYED NOTES: CONTINUED:
- (D) INSTALL 4" CONCRETE SIDEWALK SOUTHERN SECTION
- D1 - INSTALL 142' FT² ADA RAMP TO MATCH EXISTING SIDEWALK ON SOUTHERN SECTION OF PROPOSED ADA RAMP.
 - D2 - INSTALL 52' FT² SIDEWALK LANDING
 - D3 - INSTALL 42' FT² ADA RAMP TO MATCH EXISTING SIDEWALK ON WESTERN PORTION OF PROPOSED ADA RAMP.
- NORTHERN SECTION
- D4 - INSTALL 30' FT² SIDEWALK LANDING
 - D5 - INSTALL 36' FT² ADA RAMP
 - D6 - INSTALL 24' FT² SIDEWALK LANDING TO MATCH EXISTING SIDEWALK ON NORTHERN PORTION OF PROPOSED SIDEWALK LANDING.

- (E) INSTALL DETECTABLE WARNING SURFACE. SEE SHEET 13 FOR DETAILS
- SOUTHERN SECTION
- E1 - INSTALL 8.5'x2' DWS
 - E2 - INSTALL 6.4'x2' DWS
- PED. MEDIAN REFUGE
- E3 - INSTALL 6'x2' DWS
 - E4 - INSTALL 6'x2' DWS
- NORTHERN SECTION
- E5 - INSTALL 6'x2' DWS

- (F) GRADING POINT

- (G) INSTALL TEXTURED MEDIAN PAVEMENT. SHALL BE PCC, ASHLAR SLATE PATTERN, TRANSVERSE TO CENTERLINE, COLOR SHALL BE MESA BUFF.
- G1 - INSTALL 104.6 FT² OF TEXTURED MEDIAN PAVEMENT
 - G2 - INSTALL 10 FT² OF TEXTURED MEDIAN PAVEMENT
 - G3 - INSTALL 4.5 FT² OF TEXTURED MEDIAN PAVEMENT INSIDE TRIANGLE ISLAND

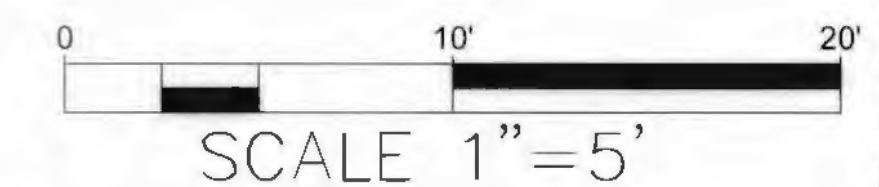
- (H) WATER VALVE TO BE ADJUSTED TO GRADE

- (I) 3" MINIMUM RADIUS

KEYED NOTES:

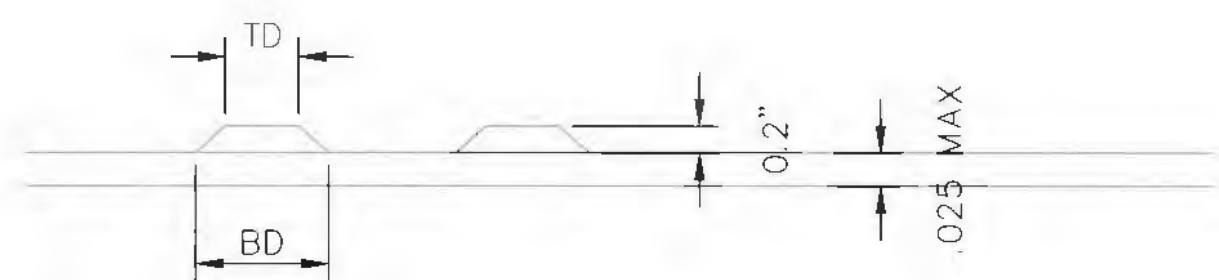
- (A) INSTALL STANDARD CURB AND GUTTER. SEE COA STD. DWG. 2415A
- A1 - INSTALL 15.4' OF STD. C&G ON SOUTH WEST CORNER OF COMANCHE RD./MONROE ST.
 - A2 - INSTALL 6.8' OF STD. C&G AT CORNER OF COMANCHE RD./MONROE ST.
 - A3 - INSTALL 7' OF STD. C&G PARALLEL TO SOUTH SIDE OF COMANCHE RD.
 - A4 - INSTALL 12' OF STD. C&G PARALLEL TO NORTH SIDE OF COMANCHE RD.
- (B) INSTALL STANDARD MEDIAN CURB AND GUTTER. SEE COA STD. DWG. 2415B
- B1 - INSTALL 11.9' OF MEDIAN C&G ON SOUTHWESTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B2 - INSTALL 11.3' OF MEDIAN C&G WITH 5' RADIUS ON WESTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B3 - INSTALL 8' OF MEDIAN C&G WEST OF PROPOSED SIDEWALK WITHIN PROPOSED PED. MEDIAN REFUGE.
 - B4 - INSTALL 8' OF MEDIAN C&G EAST OF PROPOSED SIDEWALK WITHIN PROPOSED PED. MEDIAN REFUGE.
 - B5 - INSTALL 11.4' OF MEDIAN C&G WITH 5' RADIUS ON EASTER PORTION OF PROPOSED PED. MEDIAN REFUGE.
 - B6 - INSTALL 11.9' OF MEDIAN C&G ON NORTHWESTERN PORTION OF PROPOSED PED. MEDIAN REFUGE.

- (C) INSTALL STANDARD HEADER CURB. SEE COA STD. DWG. 2415B
- SOUTHERN SECTION
- C1 - INSTALL 15.4' OF STD. HEADER CURB TO RUN IN CONJUNCTION WITH PROPOSED STD. C&G ON SOUTH WEST CORNER OF COMANCHE RD./MONROE ST.
 - C2 - INSTALL 13.7' OF STD. HEADER CURB ON EAST PORTION OF PROPOSED ADA RAMP.
 - C3 - INSTALL 9.9' OF STD. HEADER CURB ON EAST PORTION OF PROPOSED SIDEWALK LANDING.
 - C4 - INSTALL 7' OF STD. HEADER CURB SOUTH OF WESTERNMOST ADA RAMP.
- NORTHERN SECTION
- C5 - INSTALL 8.7' OF STD. HEADER CURB TO FORM THE PERIMETER OF THE PROPOSED TRIANGLE ISLAND.
 - C6 - INSTALL 10.7' OF STD. HEADER CURB PARALLEL TO WEST SIDE OF PROPOSED ADA RAMP AND SIDEWALK LANDING.
 - C7 - INSTALL 10.7' OF STD. HEADER CURB PARALLEL TO EAST SIDE OF PROPOSED ADA RAMP AND SIDEWALK LANDING.

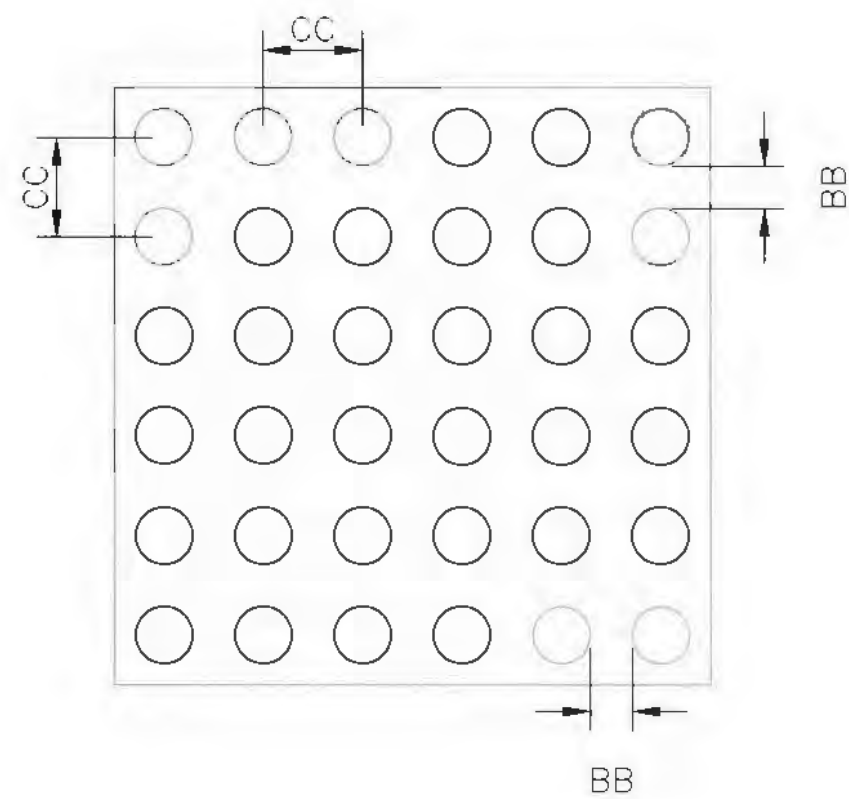


CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION			
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS PROPOSED MEDIAN REFUGE (COMANCHE-MONROE)			
Design Review Committee	City Engineer Approval	Ms./Day/Yr.	Ms./Day/Yr.
APPROVE MAY 15 2015 DESIGN REVIEW COMMITTEE	APPROVE MAY 15 2015 CITY ENGINEER		
City Project No. 7854.05	Zone Map No. G17	Sheet 13 OF 22	

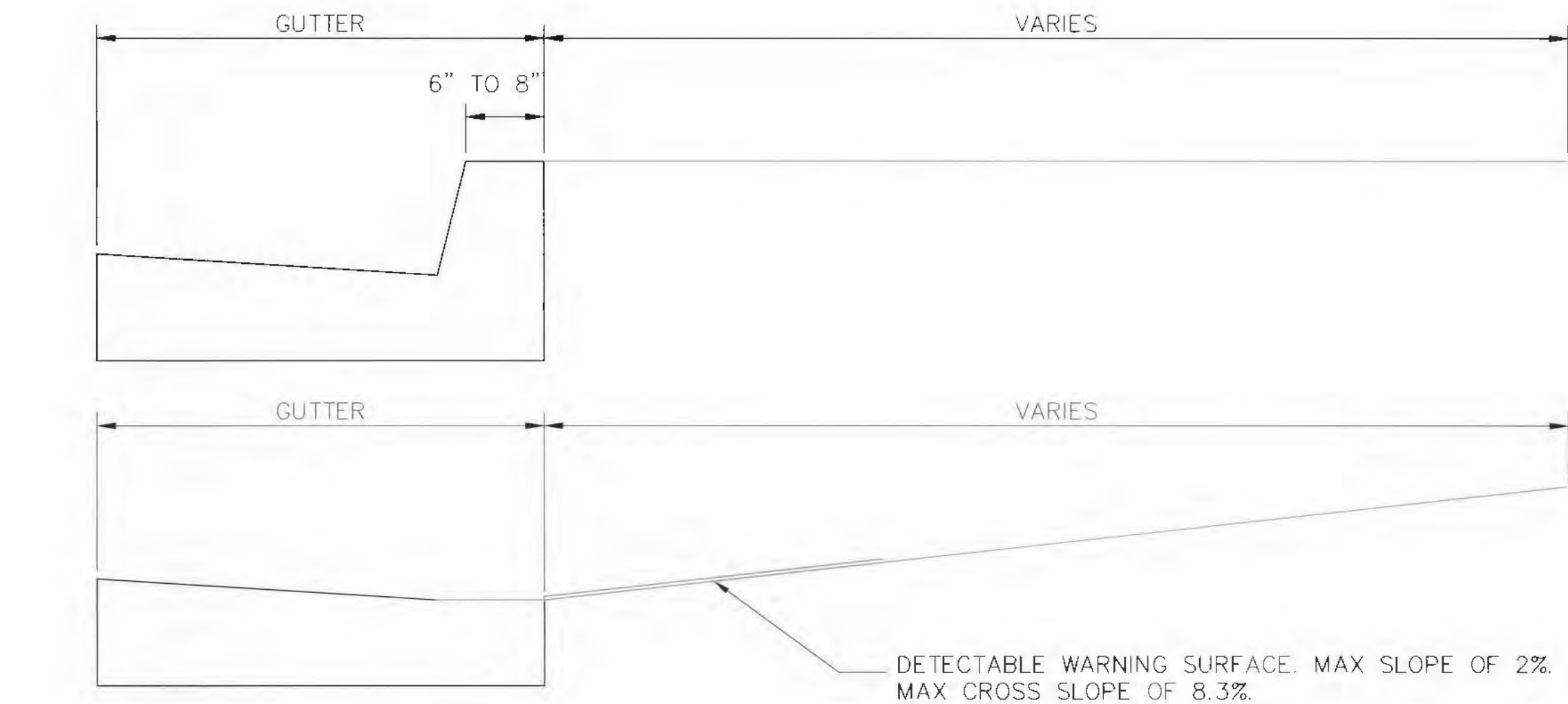
Date: Apr 30, 2015 - 10:31am
Drawing Name: P:\V-COA On-Call Traffic Eng_2014 (7422859)\CAD\TASK-4\Plans\7854-3SERIES.dwg
Layout: 14 DETECTABLE WARNING SURFACE DETAILS



DOME SECTION
BD — BASE DIAMETER 0.9" TO 1.4" MAX
TD — TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX



DOME SPACING
CC — CENTER TO CENTER SPACING (1.6" MIN TO 2.4" MAX)
BB — BASE TO BASE SPACING 0.65" MIN



NOTES:
1. DESIGN SHALL BE PER ADA GUIDELINES
2. SUBMIT SPECS TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION

DETECTABLE WARNING SURFACE
NOT TO SCALE

DEFINITIONS:
DETECTABLE WARNING SURFACE: A SURFACE FEATURE BUILT IN OR APPLIED TO WALKING SURFACES OR OTHER ELEMENTS TO WARN OF HAZARDS ON A CIRCULATION PATH TO AID PERSONS WITH VISUAL IMPAIRMENTS.
CURB LINE: A LINE AT THE FACE OF THE CURB THAT MARKS THE TRANSITION BETWEEN THE SIDEWALK AND THE GUTTER OF THE ROADWAY.

LOCATION
1) DETECTABLE WARNING SURFACES SHALL BE PROVIDED WHERE A CURB RAMP OR LANDING CONNECTS TO A CROSSWALK AND/OR PEDESTRIAN ROUTE CROSSING CROSSING A ROADWAY.
2) DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6" MIN AND 8" MAX FROM THE CURB LINE.
3) MEDIAN AND REFUGE ISLANDS SHALL HAVE DETECTABLE WARNINGS. DETECTABLE WARNINGS AT CUT THROUGH ISLANDS SHALL BE SEPARATED BY A 24" MIN LENGTH OF WALKWAY WITHOUT WARNINGS.

NOTES:
1) DETAILS SPECIFIED ON THIS PLAN APPLY TO ALL CONSTRUCTION OR RECONSTRUCTION OF STREET, CURBS, OR SIDEWALKS BY ALL PUBLIC AGENCIES AND BY ALL PRIVATE ORGANIZATIONS CONSTRUCTING FACILITIES FOR PUBLIC USE.
2) SIDEWALK RAMPS ARE TO BE LOCATED AS SPECIFIED OR ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3) THE TOP OF THE JOINT FILLER FOR ALL RAMP TYPES SHALL BE FLUSH WITH THE ADJACENT CONCRETE.
4) ALL PRODUCTS USED FOR DETECTABLE WARNING SURFACES SHALL BE ON THE CITY OF ALBUQUERQUE APPROVED PRODUCTS LIST.
DOME ADJUSTMENT
DETECTABLE WARNING SURFACES SHALL EXTEND 24" MIN. IN THE DIRECTION OF TRAVEL, AND FULL WIDTH OF THE CURB RAMP, LANDING, OR TRANSITION. DOME SHALL BE ALIGNED ON A SQUARE GRID ON THE PREDOMINANT DIRECTIONS OF THE CROSSWALK TO PERMIT WHEELS TO ROLL BETWEEN DOMES.



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
ENGINEERING DIVISION

TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
DETECTABLE WARNING SURFACE DETAILS



Last Design Update

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

City Project No. 7854.05

Zone Map No. G17

Sheet 14 OF 22

RECORD DRAWING

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES BY DATE	PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G17" PUBLISHED ELEVATION 5182.450' ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)	CONTRACTOR	DATE	DATE
			INSPECTOR'S FIELD CHANGE RFL	DATE	DATE
			VERIFICATION BY	DATE	DATE
			CORRECTED BY	DATE	DATE
			MICRO-FILM INFORMATION		NO.
			RECORDED BY	DATE	DATE



REVISIONS
SOUDER, MILLER & ASSOCIATES

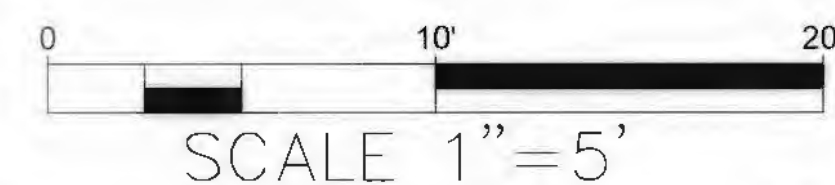
NO. DATE
DESIGNED BY: TJY
DRAWN BY: TJY
CHECKED BY: EJJ
DATE: 4/30/15
DATE: 4/30/15



COMANCHE RD./CHEROKEE ST. MEDIAN REFUGE PAVING DETAILS

COMANCHE RD./CHEROKEE ST. MEDIAN REFUGE PAVING DETAILS

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[illegible]

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
ENGINEERING DIVISION

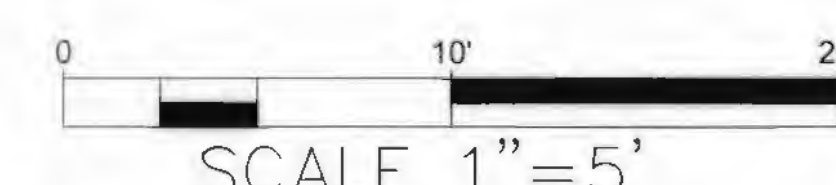
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
COMANCHE-CHEROKEE PAVING DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
 <p>APPROVE MAY 15 2015 DESIGN REVIEW COMMITTEE</p>	 <p>APPROVE MAY 15 2015 CITY ENGINEER</p>	 <p>Lost Design Update</p>	

City Project No.	7854.05	Zone Map No.	G17	Sheet	15 OF 22
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RECORD DRAWING


Date: Apr 30, 2015 — 10:31am
 Layout: 15 COMANCHE-CHEROKEE PAVING DETAILS
 Drawing Name: P:\7-COA On-Call Traffic Eng. 2014 (7422859)\CAD\TASK-4 Plans\7854.PAVDET.dwg



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DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
COMANCHE-WASHINGTON PAVING DETAILS

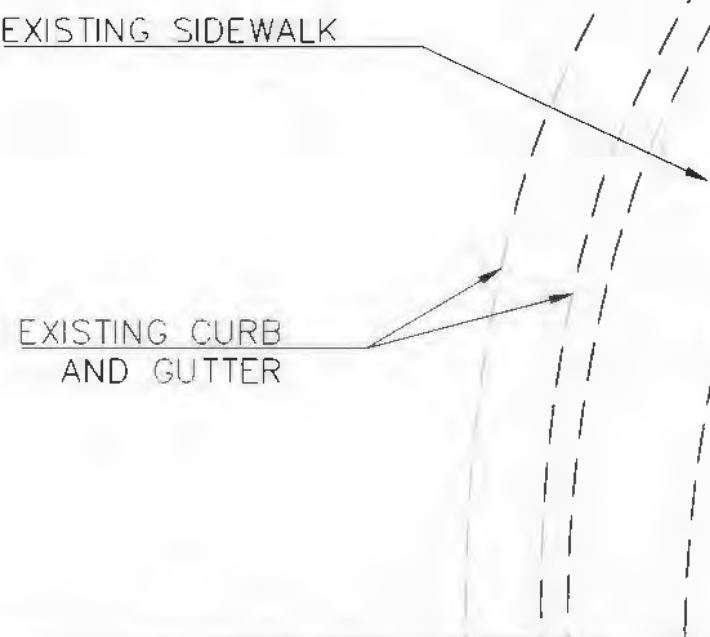
Design Review Committee	City Engineer Approval	Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE	APPROVE			

DESIGN REVIEW COMMITTEE
CITY ENGINEER





City Project No.	7854.05	Zone Map No.	G17	Sheet	16 OF 22
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COMANCHE RD./ WASHINGTON ST. SOUTH SECTION PAVING DETAILS			
	NORTHING	EASTING	TP
1	1500301.68	1537225.98	5160.78
2	1500301.54	1537250.23	5160.99
3	1500314.60	1537250.26	5160.53
4	1500314.66	1537226.02	5160.22
5	1500308.70	1537222.57	5160.5
6	1500320.51	1537225.64	5160.05
7	1500322.79	1537198.23	5159.87
8	1500322.63	1537225.65	5160.11
COMANCHE RD. / WASHINGTON ST. MEDIAN REFUGE PAVING DETAILS			
9	1500331.28	1537192.72	5159.98
10	1500331.24	1537202.49	5160.11
11	1500331.19	1537212.14	5160.23
12	1500331.15	1537221.70	5160.30
13	1500338.95	1537192.78	5160.15
14	1500338.81	1537221.75	5160.51
15	1500346.61	1537192.82	5160.07
16	1500346.57	1537202.49	5160.20
17	1500346.53	1537212.14	5160.30
18	1500346.48	1537221.80	5160.35
COMANCHE RD./WASHINGTON ST. MEDIAN REFUGE PAVING DETAILS			
19	1500355.11	1537194.24	5160.01
20	1500355.11	1537210.29	5160.12
21	1500365.22	1537194.30	5160.02
22	1500357.11	1537210.29	5160.08

[illegible]



SCALE 1"=5'

		3451 Candalaria Rd. Ste. 500 Albuquerque, NM 87107-1548 (505) 260-0942 fax (505) 263-3430 www.ascdmiller.com		NO. <u>IDA</u>		DESIGNED <u>S</u>		DRAWN BY <u>CH</u>		CHECKED <u>CH</u>	
		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION									
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS COMANCHE—MONROE PAVING DETAILS											
Design Review Committee			City Engineer Approval			Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.		
						_____ _____ _____ _____ _____	_____ _____ _____ _____ _____		_____ _____ _____ _____ _____		
City Project No. 7854.05			Zone Map No. G17			Sheet 17		OF 22			

Date: Apr 30, 2015 - 10:31am
Layout: 19 SIGNING AND STRIPING PLAN
Drawing Name: P:\V\COA-0n-Coll Traffic Eng 2014 (74229559)\COA TASK-4 Plans\7854.7\SERIES.dwg

LEGEND

- R.P.M. = RETROREFLECTORIZED PLASTIC MARKING
H.T.P.M. = HOT THERMOPLASTIC PAVEMENT MARKINGS(S)
A 4" R.P.M. SOLID WHITE
B 4" R.P.M. DOUBLE YELLOW
C 24" WHITE H.T.P.M (CROSS WALK)
D RETROREFLECTORIZED YELLOW PAINTED MEDIAN NOSE
E OBLITERATE EXISTING BUS STOP CURB MARKINGS AND REPAINT 30' BEFORE RELOCATED BUS STOP SIGN WITH RETROREFLECTORIZED YELLOW PAINTED MARKINGS ON CURB
F 4" R.P.M. PAVEMENT STRIPE END TREATMENT TO MATCH CURB LIP TANGENT ON COMANCHE RD.
G IN LOCATION OF FIRE HYDRANT, CURB IS TO BE PAINTED YELLOW 15' ON EACH SIDE OF FIRE HYDRANT (30' TOTAL)

OBLITERATE EXISTING DOUBLE YELLOW STRIPE			
	NORTHING	EASTING	
8 (SHEET 18)	1500349.26	1535306.34	
		TO	
9	1500340.4	1536986.78	

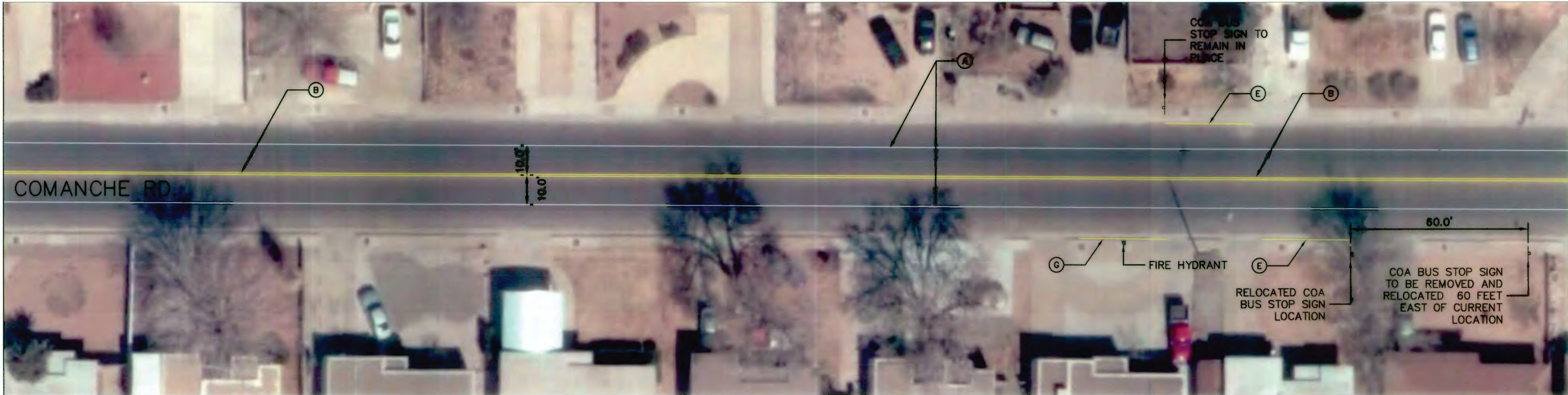
4" R.P.M. SOLID WHITE STRIPING DETAILS			
	NORTHING		EASTING
23 (SHEET 18)	1500336.16		1535894.37
		TO	
24	1500330.46		1536976.73
4" R.P.M. DOUBLE YELLOW STRIPING DETAILS			
	NORTHING		EASTING
35	1500346.21		1535884.37
		TO	
36(SHEET 18)	1500340.37		1536986.78

MATCHLINE SEE ABOVE

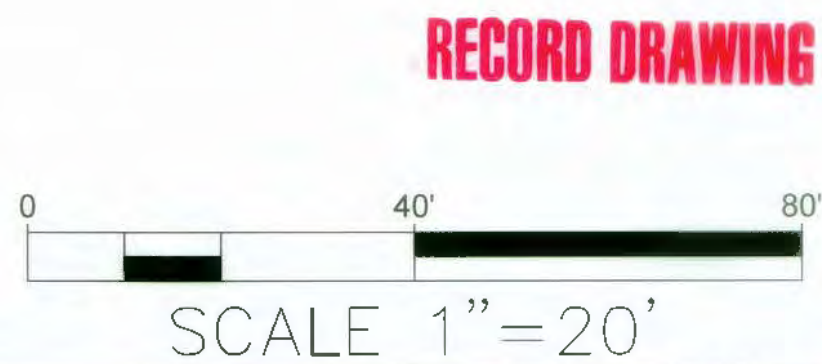


MATCHLINE SEE SHEET 20

MATCHLINE SEE SHEET 18



MATCHLINE SEE BELOW



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION			
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS SIGNING AND STRIPING PLAN			
Design Review Committee APPROVED MAY 15 2015 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED MAY 15 2015 CITY ENGINEER	Mo./Day/Yr. Mo./Day/Yr.	
City Project No. 7854.05	Zone Map No. G17	Sheet 19 OF 22	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
	REMARKS REVISIONS	NO.	BY	DATE	PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G17", PUBLISHED ELEVATION 5182.450. ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)	CONTRACTOR	DATE	
						INSPECTOR'S	DATE	
						FIELD ENGINEER	DATE	
						RECORDING BY	DATE	
						RECORDED BY	DATE	
SOUDER, MILLER & ASSOCIATES		MICRO-FILM INFORMATION						
DESIGNED BY: TJJ		DATE: 4/30/15						
DRAWN BY: TJJ		DATE: 4/30/15						
CHECKED BY: EJJ		DATE: 4/30/15						

Date: Apr 30, 2015 - 10:32am
Drawing Name: P:\7-COA-On-Call Traffic Eng 2014\7422559\COA\Task-A Plans\7554-75Series.dwg
Layout: 20 SIGNING AND STRIPING PLAN

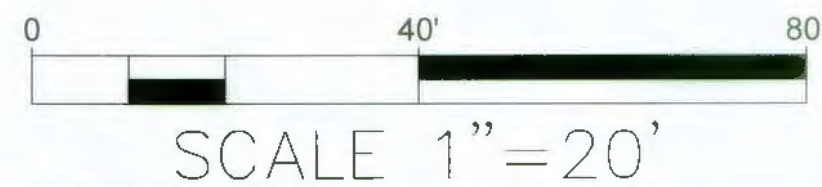
LEGEND

- R.P.M. = RETROREFLECTORIZED PLASTIC MARKING
H.T.P.M. = HOT THERMOPLASTIC PAVEMENT MARKINGS(S)
(A) 4" R.P.M. SOLID WHITE
(B) 4" R.P.M. DOUBLE YELLOW
(C) 24" WHITE H.T.P.M (CROSS WALK)
(D) RETROREFLECTORIZED YELLOW PAINTED MEDIAN NOSE
(E) OBLITERATE EXISTING BUS STOP CURB MARKINGS AND REPAINT 30' BEFORE RELOCATED BUS STOP SIGN WITH RETROREFLECTORIZED YELLOW PAINTED MARKINGS ON CURB
(F) 4" R.P.M. PAVEMENT STRIPE END TREATMENT TO MATCH CURB LIP TANGENT ON COMANCHE RD.
(G) IN LOCATION OF FIRE HYDRANT, CURB IS TO BE PAINTED YELLOW 15' ON EACH SIDE OF FIRE HYDRANT (30' TOTAL)

OBLITERATE EXISTING DOUBLE YELLOW STRIPE			
	NORTHING		EASTING
37	1500339.59		1537079.09
		TO	
38	1500339.39		1537143.49
39	1500338.84		1537215.08
		TO	
40 (SHEET 21)	1500332.41		1538445.3

4" R.P.M. SOLID WHITE STRIPING DETAILS			
	NORTHING		EASTING
25 (SHEET 18)	1500356.16		1535894.37
26	1500349.82		1537096.9
50	1500329.93		1537076.85
		TO	
51	1500329.82		1537096.77
51	1500329.82		1537096.77
		TO	
52	1500324.07		1537196.66
53	1500326.26		1537277.38
		TO	
54	1500328.16		1537318.24
54	1500328.16		1537318.24
		TO	
55	1500326.95		1537550.49
56	1500326.21		1537692.7
		TO	
57 (SHEET 21)	1500322.91		1538326.59
59	1500354.18		1537218.3
		TO	
60	1500348.16		1537318.35
60	1500348.16		1537318.35
		TO	
61 (SHEET 21)	1500342.91		1538326.65

4" R.P.M. DOUBLE YELLOW STRIPING DETAILS			
	NORTHING		EASTING
41	1500339.59		1537079.09
		TO	
42	1500339.39		1537143.49
41	1500344.55		1537218.29
		TO	
43	1500338.17		1537317.23
44	1500333.17		1537218.29
		TO	
46	1500338.17		1537317.23
45	1500333.17		1537218.29
		TO	
46	1500332.91		1538327.12
46	1500333.17		1537218.29
		TO	
47 (SHEET 21)	1500332.94		1538326.64



RECORD DRAWING



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
ENGINEERING DIVISION

TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS
SIGNING AND STRIPING PLAN



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

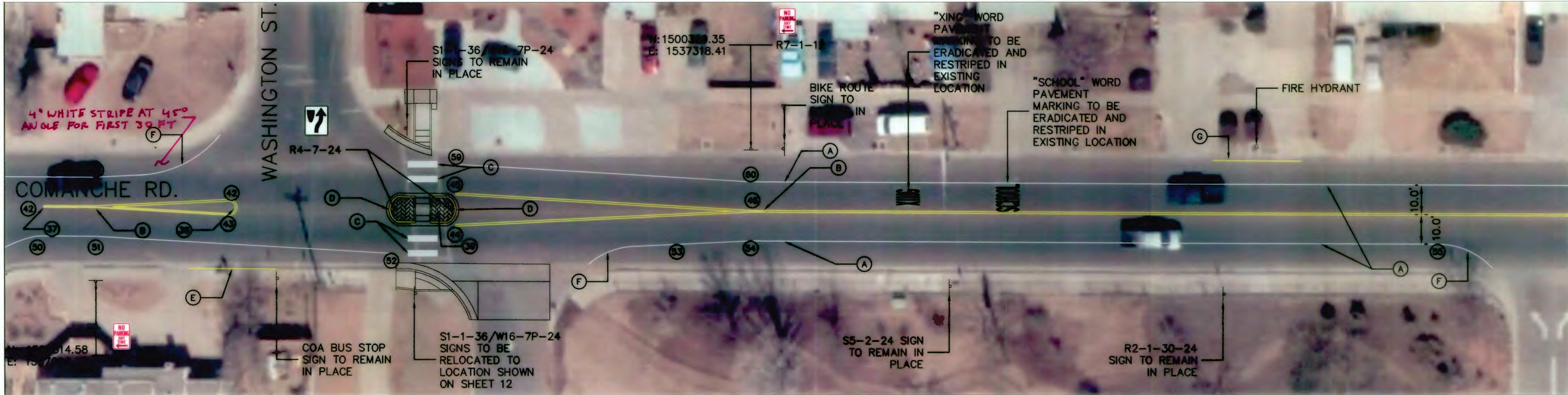
City Project No. 7854.05

Zone Map No. G17

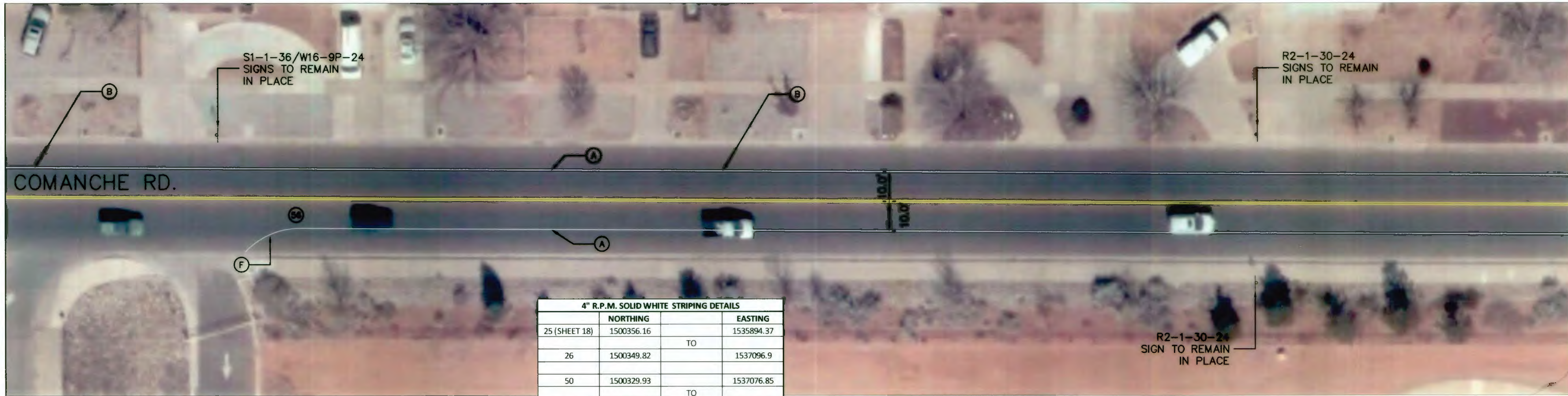
Sheet 20 OF 22

MATCHLINE SEE SHEET 19

MATCHLINE SEE ABOVE



MATCHLINE SEE BELOW



MATCHLINE SEE SHEET 21

						ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
						 05-01-2015		FIELD NOTES		PROJECT BENCHMARK IS CITY OF ALBUQUERQUE CONTROL STATION "11-G17" PUBLISHED ELEVATION 5182.450' ELEVATIONS ARE ADJUSTED BASED ON COA BENCHMARK (NAD 83)		CONTRACTOR	
				NO.				BY		DATE		DATE	
												WORK ORDER BY INSPECTOR'S ACCEPTANCE BY	
												DATE	
NO. DATE		REMARKS		BY								DATE	

COMANCHE RD.

R2-1-30-24
SIGN TO REMAIN
IN PLACE

COA BUS STOP
SIGN TO REMAIN
IN PLACE

4" R.P.M. DOUBLE YELLOW STRIPING DETAILS

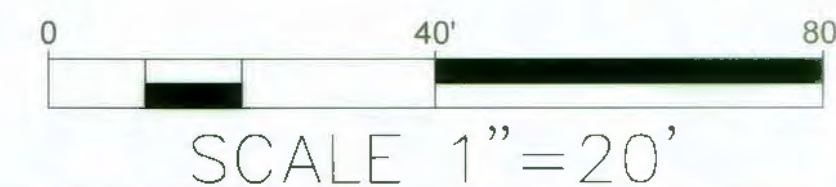
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H.T.P.M. = HOT THERMOPLASTIC PAVEMENT MARKINGS(S)

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- (G) IN LOCATION OF FIRE HYDRANT, CURB IS TO BE PAINTED YELLOW 15' ON EACH SIDE OF FIRE HYDRANT (30' TOTAL)

OBLITERATE EXISTING DOUBLE YELLOW STRIPE			
39 (SHEET 20)	1500338.84		1537215.08
40		TO	
	NORTHING		EASTING
63	1500338.84		1537215.08
		TO	
64 (SHEET 22)	1500332.41		1538445.3



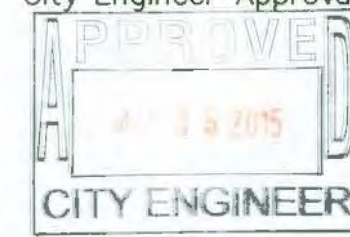
4" R.P.M. SOLID WHITE STRIPING DETAILS		
	NORTHING	EASTING
57	1500322.91	1538326.59
58	1500316.84	1538424.65
61	1500342.91	1538326.65
62	1500347.54	1538424.65
69	1500322.46	1538546.57
70 (SHEET 22)	1500324.24	1539401.4
71	1500342.46	1538546.62
72 (SHEET 22)	1500344.24	1539401.4

4" R.P.M. DOUBLE YELLOW STRIPING DETAILS			
	NORTHING		EASTING
47	1500332.94		1538326.64
		TO	
48	1500326.86		1538424.61
47	1500332.94		1538326.64
		TO	
49	1500337.52		1538424.6
65	1500331.61		1538531.51
		TO	
67	1500332.46		1538546.6
66	1500333.21		1538531.51
		TO	
67	1500332.46		1538546.6
67	1500332.46		1538546.6
		TO	
68 (SHEET 22)	1500334.24		1539401.42



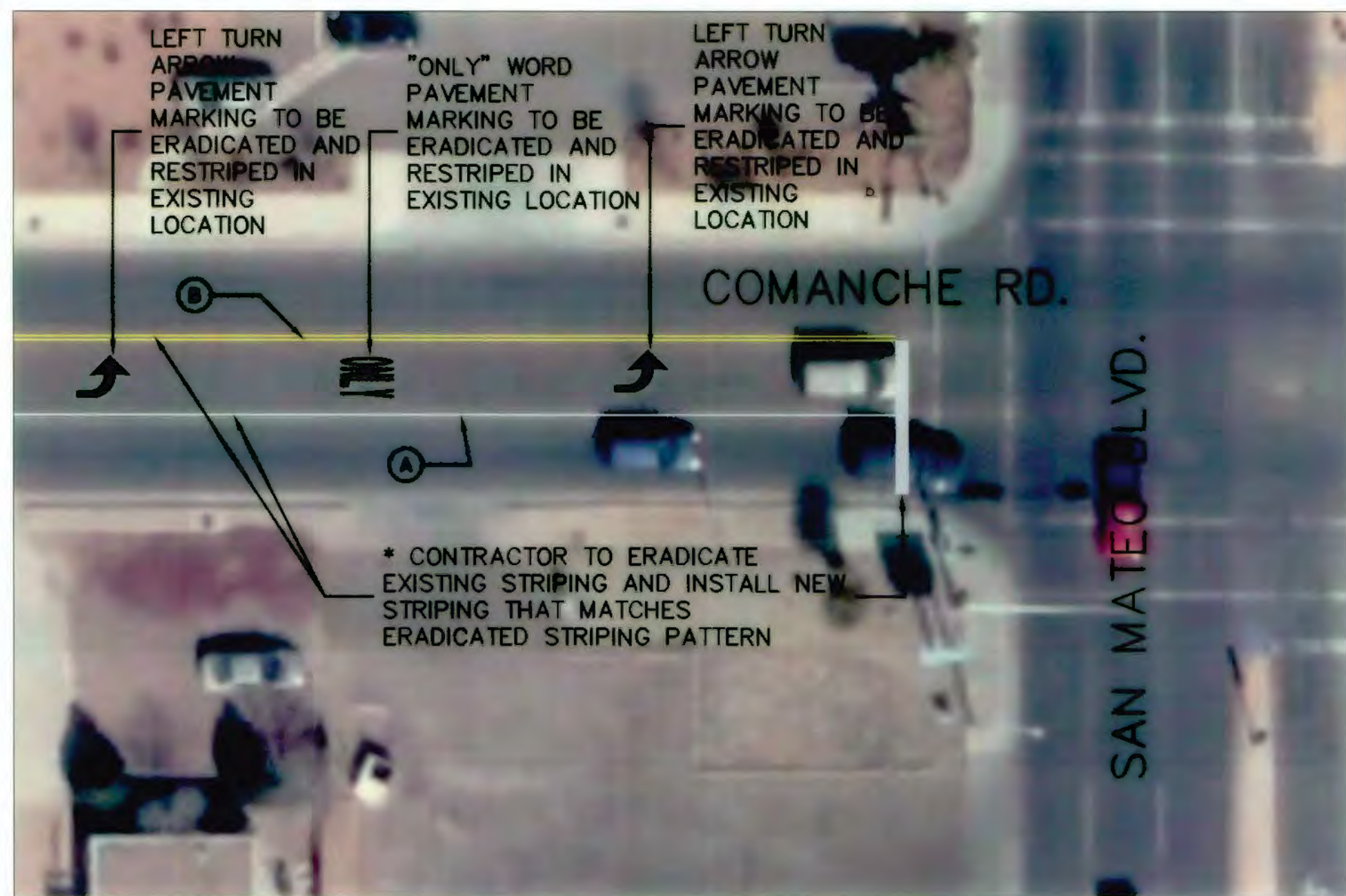
MATCHLINE SEE SHEET 22

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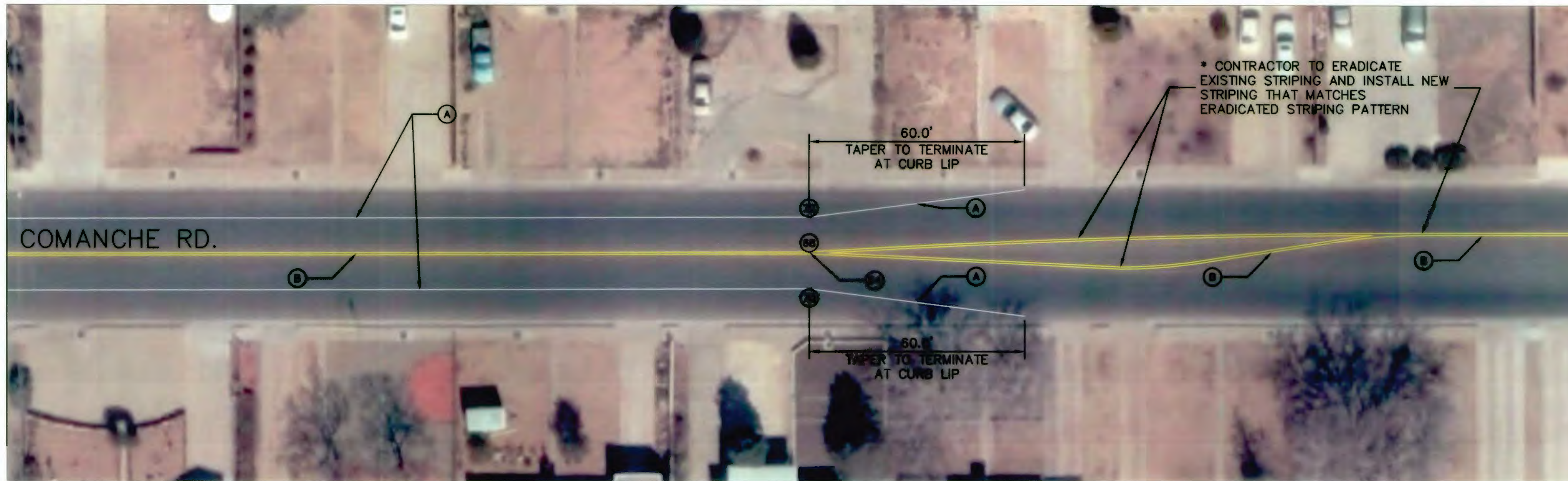
 <p>Sunder, Miller & Associates Engineers & Architects • Planners</p>	3451 Candalaria Rd. NE, Suite D Albuquerque, NM 87107-1948 (505) 269-0942 Fax (505) 269-5430 www.sma-engineer.com		NO. DA	SCALE	DESIGNED BY:	DRAWN BY:	CHECKED:
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION							
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS							
SIGNING AND STRIPING PLAN							
Design Review Committee 	City Engineer Approval 	Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.		
City Project No.	7854.05	Zone Map No.	G17	Sheet	21 OF 22		

Date: Apr 30, 2015 - 10:32am by Layout: 22. SIGNING AND STRIPING PLAN
Drawing Name: P:\V-COA-On-Call Traffic Eng_2014 (7422859)\CA01\Task_4\Plan\7854.7SERIES.dwg

MATCHLINE SEE ABOVE



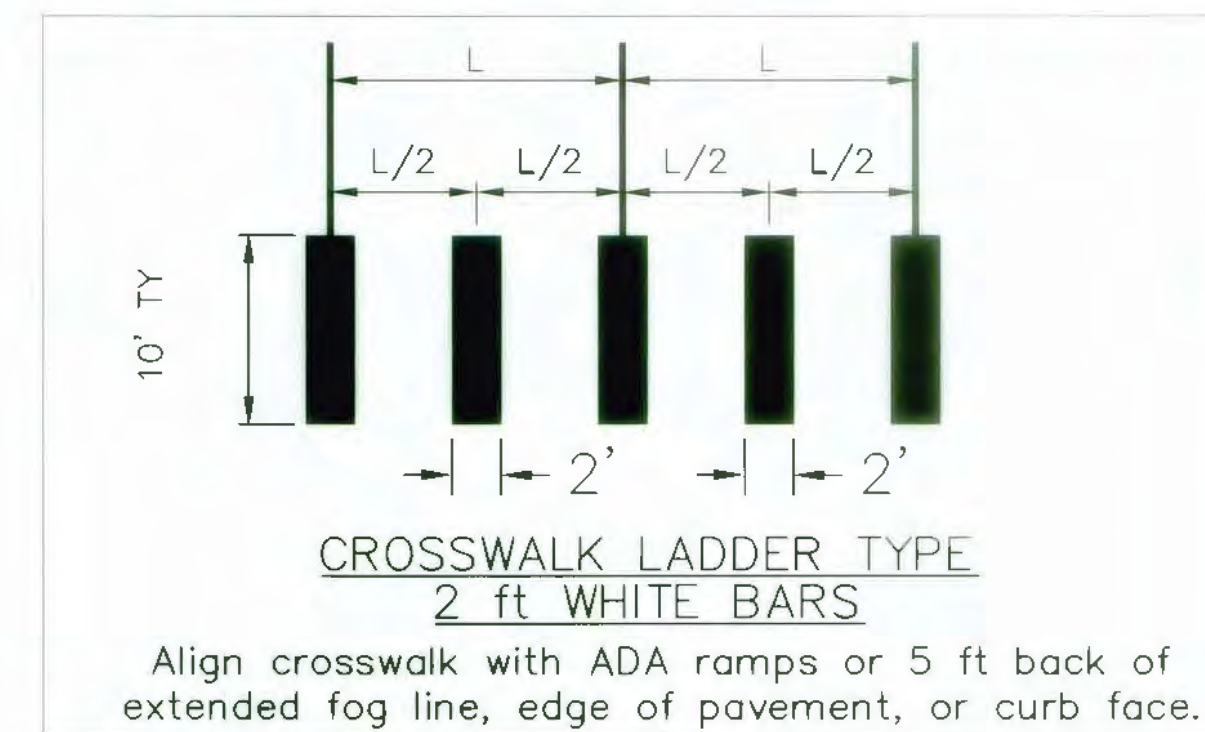
MATCHLINE SEE SHEET 21



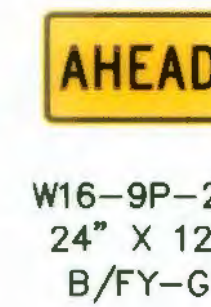
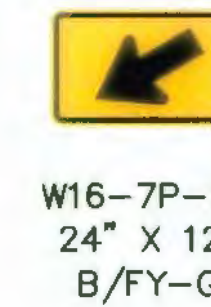
MATCHLINE SEE BELOW

LEGEND

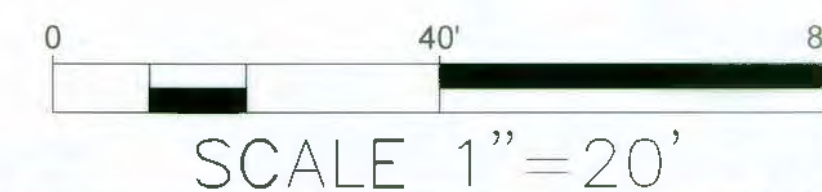
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CROSSWALK STRIPING DETAIL
NTS



SIGN FACE DETAILS
NTS



RECORD DRAWING

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NO.	DATE	REMARKS	BY
		REVISIONS	
		SOUDEY, MILLER & ASSOCIATES	
		DESIGNED BY: TJY	DATE: 4/30/15
		DRAWN BY: TJY	DATE: 4/30/15
		CHECKED BY: EJJ	DATE: 4/30/15

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPEMENT ENGINEERING DIVISION	
TITLE: COMANCHE ROAD MEDIAN & STRIPING IMPROVEMENTS SIGNING AND STRIPING PLAN	
Design Review Committee 	City Engineer Approval
City Project No. 7854.05	Zone Map No. G17
Sheet 22 OF 22	