

CITY OF ALBUQUERQUE OPEN SPACE

CONSTRUCTION PLANS FOR

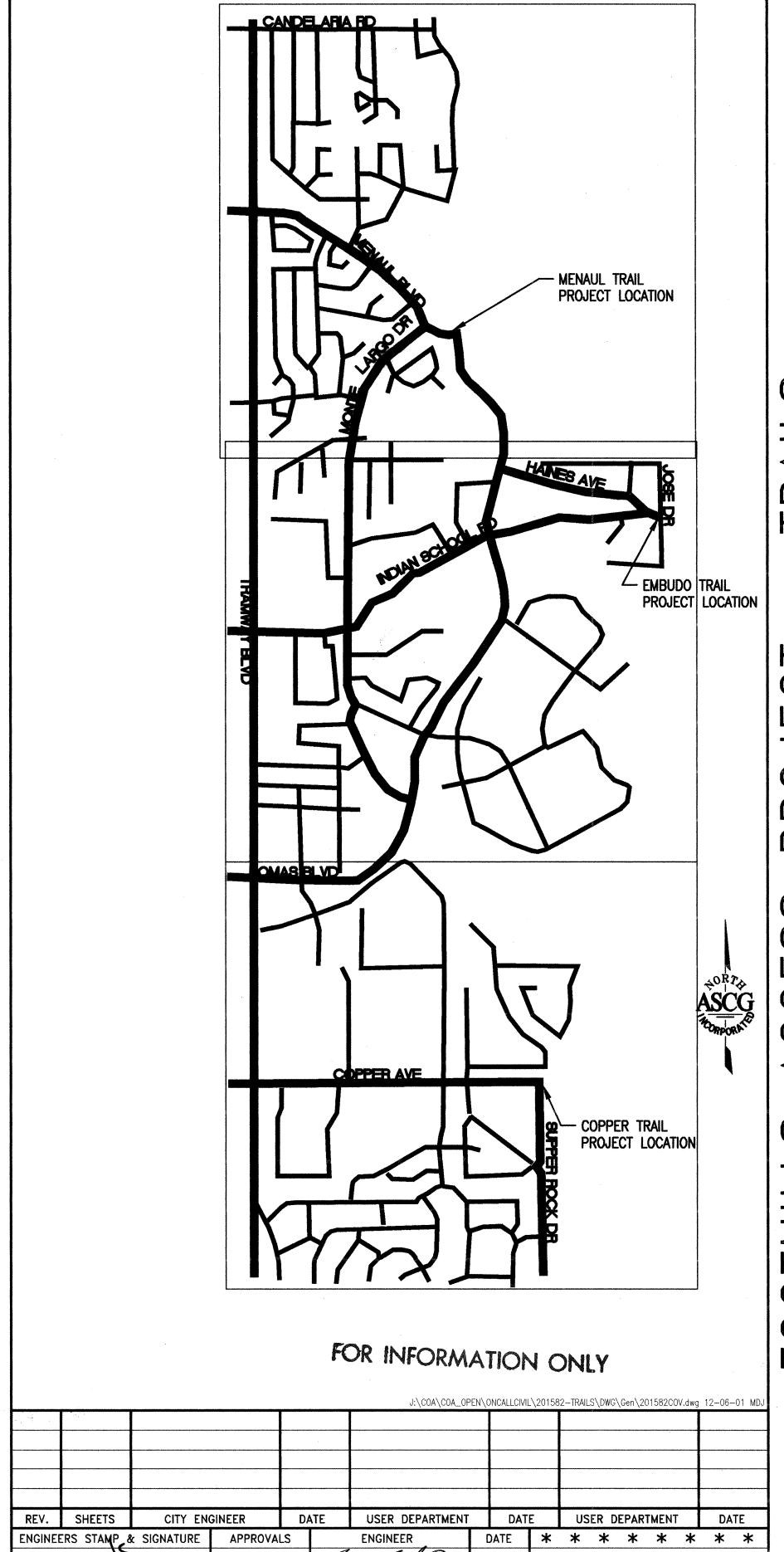
FOOTHILLS ACCESS PROJECT TRAILS

DECEMBER 2001

INDEX OF DRAWINGS

COVER, VICINITY MAP, INDEX OF DRAWINGS GENERAL NOTES, ABBREVIATIONS AND LEGEND COPPER TRAIL PLAN EMBUDO AND MENAUL TRAILS PLAN

TRAFFIC CONTROL SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD)



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(SEE PLANS FOR ITEMS WITHIN THIS PROJECT) **LEGEND EXISTING EXISTING PROPOSED** DESCRIPTION **PROPOSED DESCRIPTION** SANITARY SEWER MANHOLE PCC CURB AND GUTTER STORM DRAIN MANHOLE AC CURB Proceedings of the Control of the Co WATER MANHOLE 4'SW SIDEWALK O TELE MH TELE MH TELEPHONE MANHOLE BLOCK WALL — — SAS<u>8°C</u>P__ ____ _{SAS} <u>8"CP</u>__ SANITARY SEWER LINE WITH SIZE AND TYPE -0--0--0--0--0--0--CHAIN LINK FENCE ----___ SD_48"RCP STORM DRAIN LINE WITH SIZE AND TYPE FIELD FENCE * X X X X X WATER LINE WITH SIZE AND TYPE SPOT ELEVATION OVERHEAD ELECTRICAL LINE EDGE OF AC PAVEMENT UNDERGROUND ELECTRICAL/TRAFFIC CONTROL RIGHT OF WAY LINES/ PROPERTY LINE _____UT}____ UNDERGROUND TELEPHONE PUBLIC EASEMENT LINE GAS LINE WITH SIZE AND TYPE LIGHT POLE BASE ____<u>CT</u>____ CABLE TELEVISION LINE **ENCASEMENT** WHEELCHAIR RAMP CATCH BASIN GATE VALVE CONTOURS _____ 1000 ----man man of the man one BUTTERFLY VALVE SIDE SLOPES FIRE HYDRANT SURVEY POINT NA REDUCER SANITARY SEWER SERVICE CONNECTION ABANDON IN PLACE WATER SERVICE CONNECTION DEMOLISH AND REMOVE TEE CROSS EARTH (UNDISTURBED) XX $\times \times$ BEND COMPACTED BACKFILL CAP AND PLUG CONCRETE WATER METER ANTICIPATED LIMITS OF TRENCH PRISM □ WM DOUBLE WATER METER EXISTING CONCRETE DRIVEPAD VALVE BOX ر,∧B POWER POLE OPP S_{bb} TEMPORARY PAVING o_LP LIGHT POLE S, Tb N/A TRANSITION CURB TRAFFIC LIGHT TRAFFIC CONTROL BOX \Box_{TC} □_{PB} PULL BOX □_{TB} TELEPHONE BOOTH \Box_{TB} **ABBREVIATIONS** ANCHOR BOLT DWG **DRAWING** MANHOLE STORM DRAIN ASPHALTIC CONCRETE EAST MIN MINIMUM SQUARE FEET AHD EACH MISC AHEAD EA MISCELLANEOUS SIMILAR **APPROX APPROXIMATELY** EF EACH FACE SUCTION MANIFOLD MASONRY OPENING BACK EXISTING GRADE MOTOR OPERATED VALVE **SQUARE** BLDG BUILDING **EXPANSION JOINT** STATION BLK **ELEVATION** STD DWG STANDARD DRAWING BLOCK NOT IN CONTRACT BM **ELEC** BEAM/BENCH MARK ELECTRICAL NUMBER SQUARE YARDS BOP BOTTOM OF PIPE EDGE OF PAVEMENT NOT TO SCALE SYMMETRICAL BOT BOTTOM **EWC** ELECTRIC WATER COOLER OD OUTSIDE DIAMETER TOP OF ASPHALT BRG **EXIST OPPOSITE** TANGENT BEARING EXISTING CABLE TELEVISION CATV FLOOR DRAIN POINT OF CURVE TOP OF CONCRETE CB STORM CATCH BASIN/INLET F-F FACE-TO-FACE PED **PEDESTAL** TOP OF GRAVEL CCY POINT OF INTERSECTION CONCRETE CYLINDER PIPE FINISH FLOOR TOP OF HEADER CURB CFM CUBIC FEET PER MINUTE FINISH GRADE PLATE THICK/THICKNESS CFS CUBIC FEET PER SECOND FLOW LINE ELEVATION/FLANGE POINT ON LINE TOP OF CURB CAST IRON FACE OF CURB RIGHT OF WAY TOP OF PIPE CJ CONSTRUCTION JOINT FEET PER SECOND POINT REVERSE CURVE TOP OF STEEL CENTERLINE FOOT/FEET PRESSURE REDUCING VALVE TOP OF WALL C or CL **Q_CONST** CENTERLINE OF CONSTRUCTION POUNDS PER SQUARE FOOT TOP OF PAVEMENT GALLONS PER MINUTE CLG CEILING **GPM** POUNDS PER SQUARE INCH TYPICAL CLR CLEAR TOP AND BOTTOM HOSE BIB POINT OF TANGENT CMU CONCRETE MASONRY UNIT HOLLOW CORE TOP OF WALL POLY VINYL CHLORIDE CO CLEANOUT HGL HYDRAULIC GRADE LINE FLOW RATE UNDERGROUND ELECTRICAL COA CITY OF ALBUQUERQUE HORIZ HORIZONTAL QUANTITY VELOCITY COL HIGH PRESSURE COLUMN RADIUS VERTICAL CONC CONCRETE INCH **RCP** REINFORCED CONCRETE PIPE VENT THROUGH ROOF CONST **INVERT** ROD CONSTRUCTION RESERVOIR OVERFLOW DRAIN WEST CP POUND CONTROL POINT WELL COLLECTOR ROOF DRAIN CUBIC YARDS LLH LONG LEG HORIZONTAL CY RIGHT WATER LINE DET LLV LONG LEG VERTICAL DETAIL SOUTH DUCTILE IRON LIGHT/LEFT SANITARY SEWER DIAMETER MAXIMUM

MANUFACTURER

DM

DISCHARGE MANIFOLD

DOWN

GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION (REFERRED TO HEREAFTER AS THE STANDARD SPECIFICATIONS AS UPDATED THROUGH UPDATE NO. 6.)
- 2 FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTACT NEW MEXICO ONE-CALL SYSTEM, PH. 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- COORDINATE CONSTRUCTION ACTIVITIES WITH OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA.
- ALL PERMANENT R.O.W. AND CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CITY OF ALBUQUERQUE PRIOR TO THE BEGINNING OF CONSTRUCTION. AS APPLICABLE.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT EXISTING PAVEMENT TO A STRAIGHT LINE, AS REQUIRED. TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW
- EXERCISE DUE CARE TO AVOID DISTURBING EXISTING UNDERGROUND UTILITIES. COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION.
- 8 FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING STREET.
- REPLACE ALL STREET STRIPING ALTERED OR DESTROYED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET.
- 10 NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) CALENDAR DAYS PRIOR TO STARTING WORK SO THAT THE ENGINEER MAY TAKE NECESSARY MEASUREMENTS TO INSURE PRESERVATION OF SURVEY MONUMENTS. DO NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER. NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY SURVEY MONUMENTS THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT WILL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, ADJUST, AT THE CONTRACTOR'S EXPENSE, THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 11 PLACE EXCAVATED MATERIALS AS APPROVED BY THE ENGINEER.
- 12 THE REMOVAL AND REPLACEMENT OF PRIVATE SIGNS AND OBSTRUCTIONS SHALL BE PERFORMED BY THE RESPECTIVE PROPERTY OWNERS UNLESS OTHERWISE NOTED. COORDINATION SHALL BE THE RESPONSIBILITY OF THE ENGINEER.

SEEDING SPECIFICATION

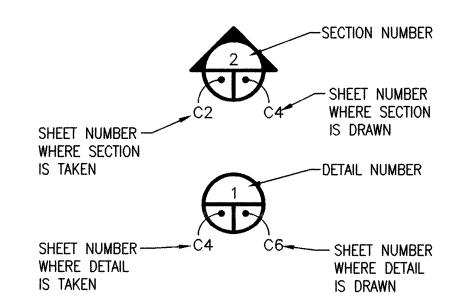
1 FOOTHILLS "ELENA" TRAIL MIX SUPPLIER/CONTACT 'CURTIS & CURTIS', CLOVIS N.M., PHONE # (505)762-4759 MIX FOR 1 ACRE:

SIDEOATS GRAMA NINER WHEATGRASS, WESTERN ARRIBA BLUE GRAMA HACHITA GALLETA, FLORETS VIVA INDIAN RICEGRASS PALOMA BLUESTEM, LITTLE PASTURA GAILLARDIA ARISTATA, UNTREATED	P.L.S. # 2.00# 2.00# 1.00# 1.00# 1.00# 1.00#	BULK # 4.76# 2.48# 2.51# 1.21# 1.74# 2.46#	P.L.S. = PURE LIVE SEED
GAILLARDIA ARISTATA, UNTREATED	1.00# 1.00# 9.00#	1.62# 16.78#	

SOIL STABILIZER SPECIFICATION

"STOCKOSORB" AGRO SUPPLIER TERRA FIRMA INDUSTRIES, PHONE# (505) 994-0846

SYMBOLS

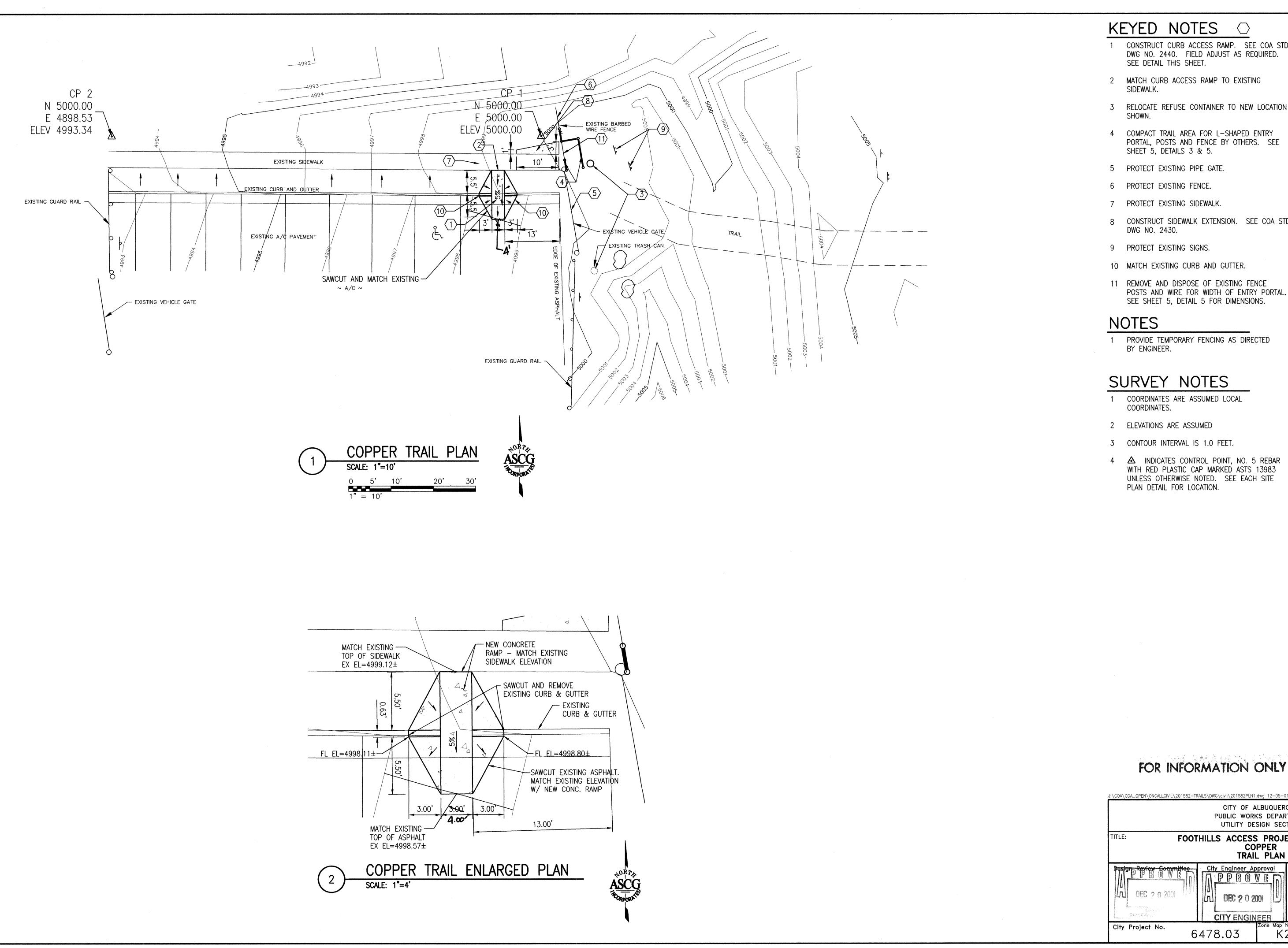


- 13 WHERE TRENCHING EXPOSES EXISTING UTILITY LINES, THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING THE LINE DURING CONSTRUCTION AND ASSURE THAT IT IS BACKFILLED AND COMPACTED IN ACCORDANCE WITH COA STANDARD SPECIFICATIONS.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT. THE COST OF THE PERMIT IS INCIDENTAL TO THE WORK.
- 15 BACKFILL AND COMPACT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SUPPLEMENTAL TECHNICAL SPECIFICATIONS.
- 16 ANY AREA NOT PAVED OR LANDSCAPED WHICH IS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED WITH NATIVE GRASS PER SPECIFICATIONS. THE COST OF SEEDING SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
- 17 ALL EXISTING REGULATORY SIGNS THAT NEED TO BE REMOVED, RELOCATED OR REINSTALLED WILL BE PERFORMED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT CONSTRUCTION COORDINATOR. NOTIFY THE CITY CONSTRUCTION COORDINATOR THREE (3) WORKING DAYS IN ADVANCE OF ANY REQUIRED WORK.
- REPLACE ALL TRAFFIC SIGNS REMOVED IN KIND TO ORIGINAL LOCATIONS OR AS INDICATED BY THIS PLAN SET. THE CONTRACTOR SHALL NOTIFY THE CITY CONSTRUCTION COORDINATOR THREE (3) WORKING DAYS IN ADVANCE OF ANY REQUIRED WORK.
- 19 COORDINATE WITH THE WATER UTILITY DIVISION (857–8200) FIVE (5) WORKING DAYS DAYS PRIOR TO ANY WORK NEEDING THE EXECUTION OF THE WATER VALVE SHUT-OFF AND TO OBTAIN A WATER SHUT-OFF PERMIT.
- CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES. PAVEMENTS, PAVEMEN MARKINGS. CURB AND GUTTER. DRIVEPADS, WHEELCHAIR RAMPS, SIDEWALK, GATES, FENCING, A OTHER IMPROVEMENTS DURING CONSTRUCTION EXCEPT FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS. REPAIR OR REPLACE DAMAGED IMPROVEMENTS PER COA STANDARDS AT CONTRACTOR'S EXPENSE. PROTECT CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND CLEAN SAME AT CONTRACTOR'S EXPENSE SHOULD SPLASHING OCCUR.
- MAINTAIN A GRAFFITI-FREE WORK SITE. PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- 22 PERFORM ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES IN ACCORDANCE WITH OSHA 29CFR1926.650 SUBPART P.
- 23 PRIOR TO THE REMOVAL OF ANY PAVEMENT, CURB AND GUTTER, AND OTHER IMPROVEMENTS. SURVEY TO ENSURE RESTORATION OF PROPER GRADES, CROWN AND ELEVATIONS. REMOVE AND REPLACE SHORT (LESS THAN 6') EXISTING SECTIONS OF PAVEMENT AND CURB AND GUTTER REMAINING AFTER PRIMARY REMOVALS ARE COMPLETED.
- MINOR ADJUSTMENTS TO HORIZONTAL AND VERTICAL LOCATIONS OF IMPROVEMENTS AND RELATED COMPONENTS IS CONSIDERED INCIDENTAL TO THE WORK.
- 25 BOULDERS MAY BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES. REMOVAL AND DISPOSAL OF BOULDERS DURING EXCAVATION ACTIVITIES IS CONSIDERED INCIDENTAL TO THE WORK AND NO ADDITIONAL PAYMENT WILL BE MADE.

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FOR INFORMATION ONLY

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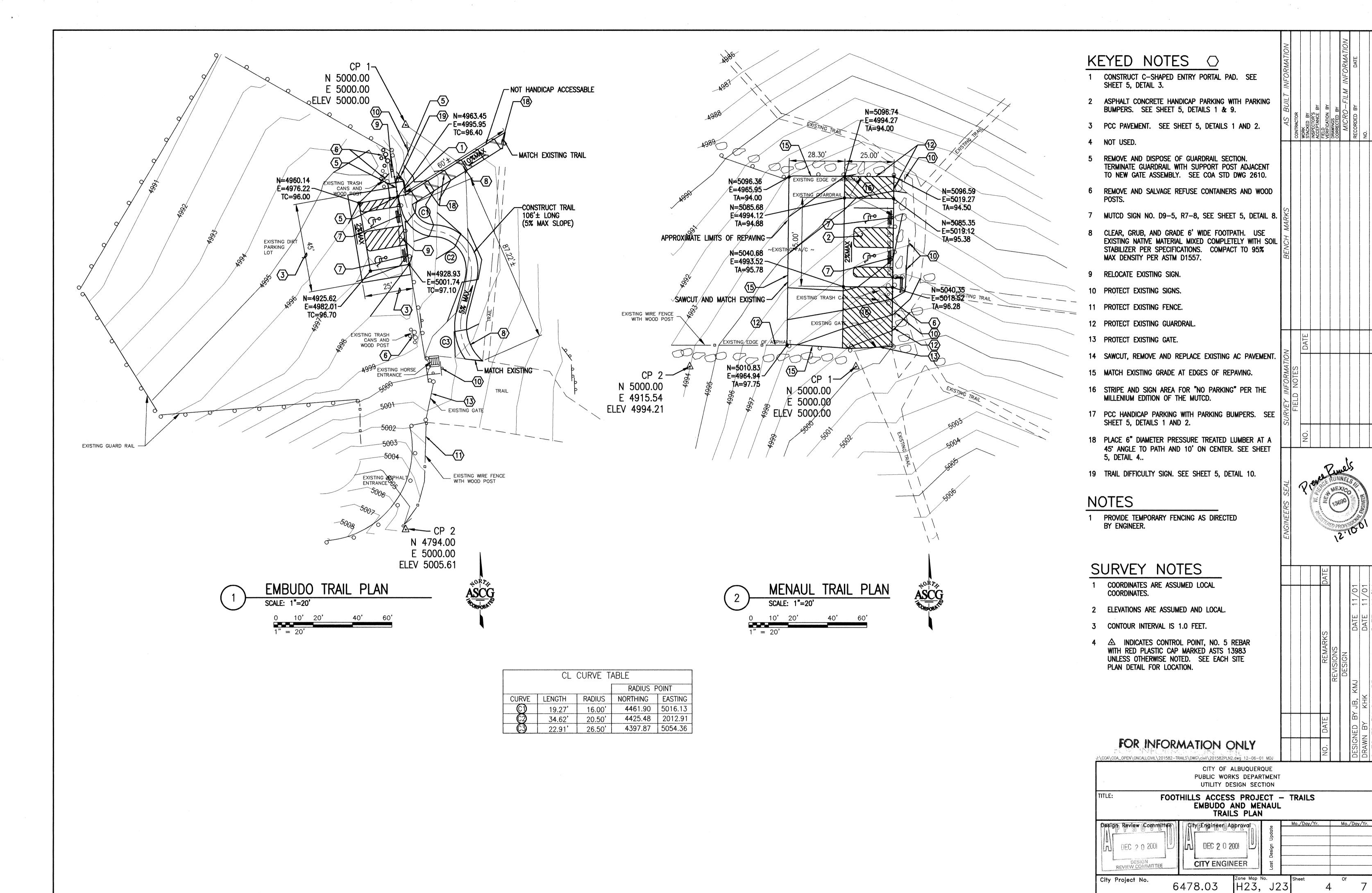
- CONSTRUCT CURB ACCESS RAMP. SEE COA STD DWG NO. 2440. FIELD ADJUST AS REQUIRED.
- 2 MATCH CURB ACCESS RAMP TO EXISTING
- 3 RELOCATE REFUSE CONTAINER TO NEW LOCATION
- 4 COMPACT TRAIL AREA FOR L-SHAPED ENTRY PORTAL, POSTS AND FENCE BY OTHERS. SEE
- 8 CONSTRUCT SIDEWALK EXTENSION. SEE COA STD
- 10 MATCH EXISTING CURB AND GUTTER.
- 11 REMOVE AND DISPOSE OF EXISTING FENCE POSTS AND WIRE FOR WIDTH OF ENTRY PORTAL. SEE SHEET 5, DETAIL 5 FOR DIMENSIONS.

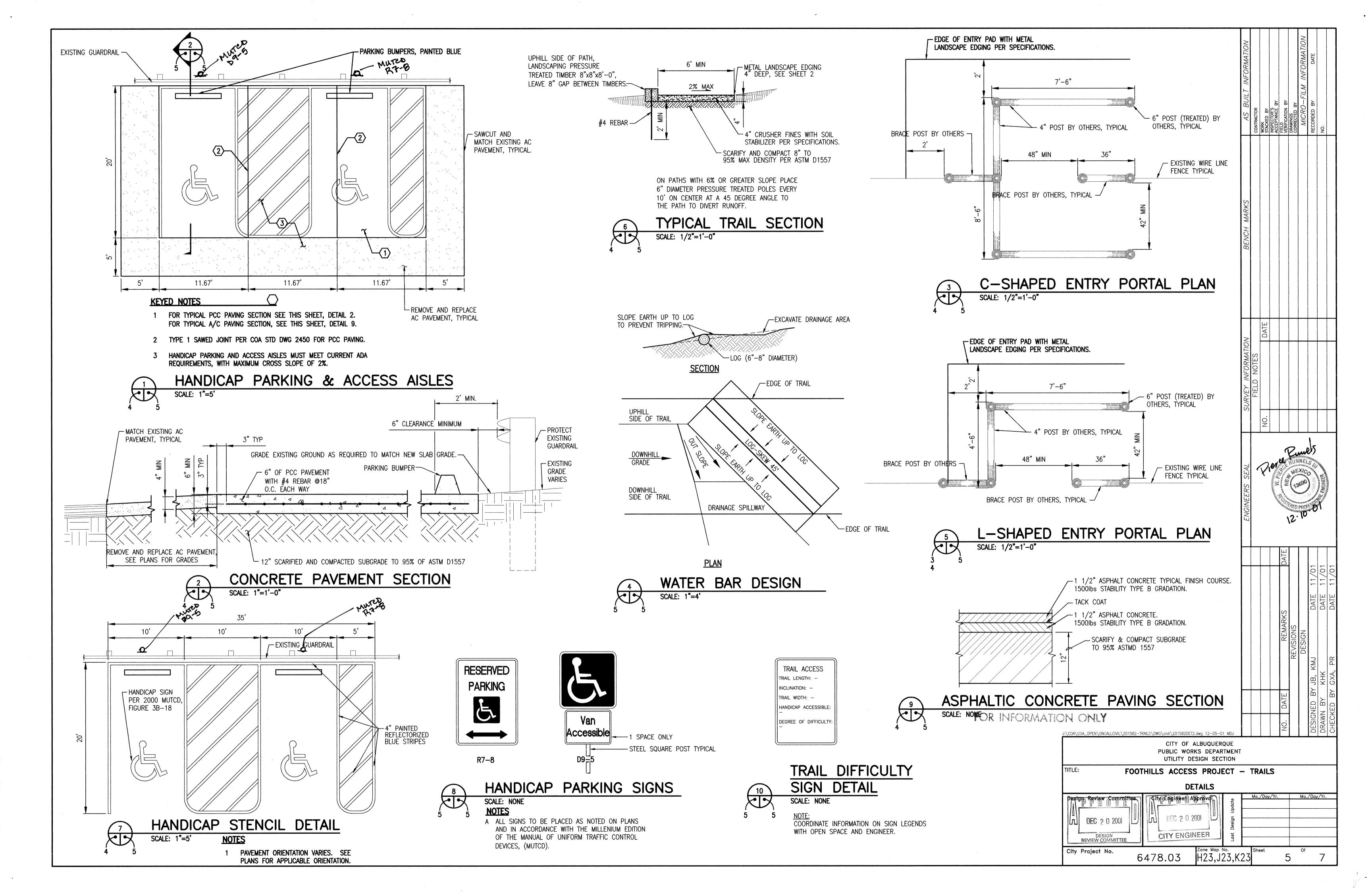
1 PROVIDE TEMPORARY FENCING AS DIRECTED

- 1 COORDINATES ARE ASSUMED LOCAL
- 4 🛆 INDICATES CONTROL POINT, NO. 5 REBAR WITH RED PLASTIC CAP MARKED ASTS 13983 UNLESS OTHERWISE NOTED. SEE EACH SITE PLAN DETAIL FOR LOCATION.

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2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21 FXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING: 1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER

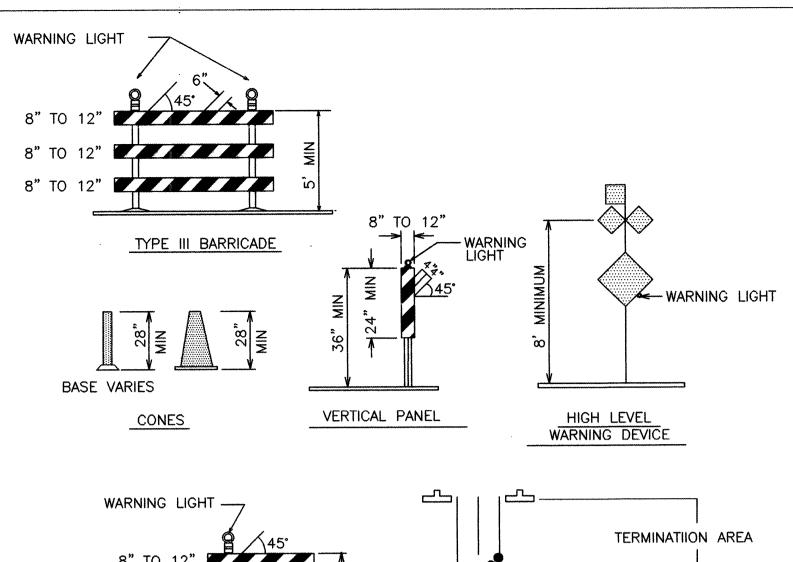
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

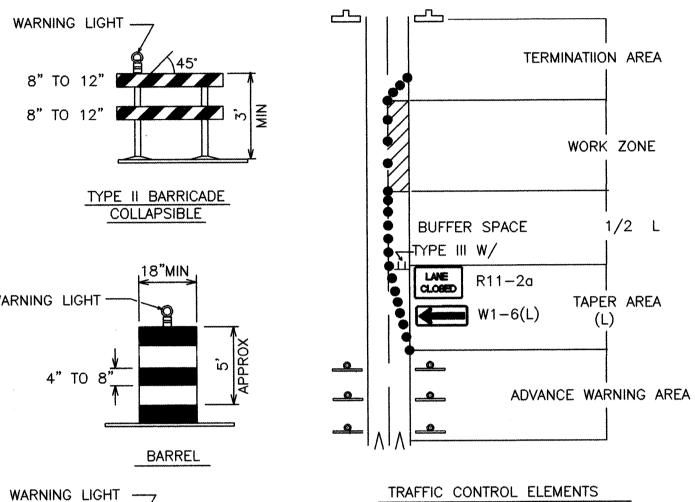
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

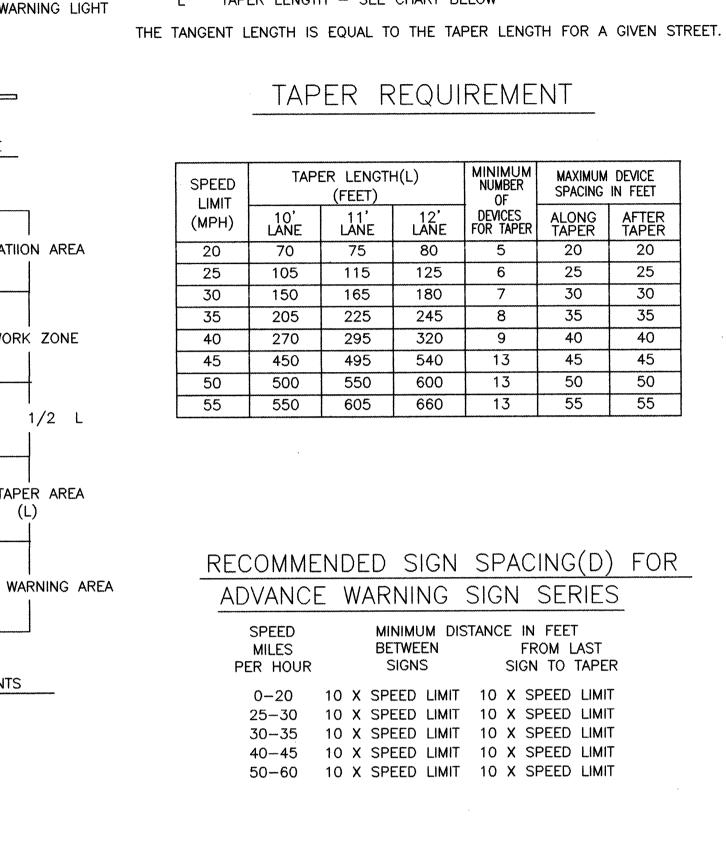
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPTMENT, BOTH PERMANENT AND





TYPE I BARRICADE

8" TO 12"



TAPER CRITERIA

TAPER LENGTH TYPE OF TAPER UPSTREAM TAPER MERGING TAPER L MINIMUM 1/2 L MINIMUM SHIFTING TAPER 1/2 L MINIMUM SHOULDER TAPER 100 FEET MAXIMUM TWO-WAY TRAFFIC TAPER 100 FEET PER LANE DOWNSTREAM TAPERS

LEGEND

DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL

SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET

NUMBER

FOR TAPER

6

13

13

13

MAXIMUM DEVICE

SPACING IN FEET

AFTER TAPER

25

40

50

ALONG TAPER

20

25

30

35

40

45

50

55

FROM LAST

SIGN TO TAPER

TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET

BARRICADE - TYPE I, TYPE II, OR BARREL

EQUAL TO THE STREET LIMIT OF THE STREET

TAPER REQUIREMENT

80

125

180

245

320

540

600

ADVANCE WARNING SIGN SERIES

BETWEEN

SIGNS

MINIMUM DISTANCE IN FEET

10 X SPEED LIMIT 10 X SPEED LIMIT

40-45 10 X SPEED LIMIT 10 X SPEED LIMIT

660

TAPER LENGTH - SEE CHART BELOW

TAPER LENGTH(L)

11' LANE

75

115

165

225

295

495

550

605

BARRICADE - TYPE III

VERTICAL PANEL

WARNING SIGN

FLAGMAN POSITION

70

105

150

205

270

450

500

SPEED

MILES

PER HOUR

550

WORK AREA

TAPER LENGTH COMPUTATION

SPEED LIMIT 40 MPH OR LESS 40 MPH OR GREATER $L = W \times S$

L = TAPER LENGTH

W = WIDTH OF OFFSET IN FEET S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

FOR INFORMATION ONLY

J:\COA\COA_OPEN\ONCALLCIVIL\201582-TRAILS\DWG\civil\citysign.dwg 12-05-01 MDJ CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT L ENGINEERING DEVELOPMENT GROUP

TITLE: TRAFFIC CONTROL CITY ENGINEER APPROVAL

SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS MO./DAY/YR. MO./DAY/YR. DESIGN REVIEW COMMITTEE SHEET CITY PROJECT NO. 6478.03 6

SIGN FACE DETAILS



DETOUR

WAY

THAT C

DO NOT



ORELINE ROAD AHEAD

REDUCED SPEED AHEAD

ROAD CLOSED AFEAD

SPEED LIMIT 50



B

ALL CONSTRUCTIONN WARNING SIGNS

SHALL HAVE A BLACK LEGEND ON A

ORANGE BACKGROUND.

ROAD

CLOSED

REDUCED SPEED 30





MPH

TWO LANGES CLOSED ANEAD

NO

TURNS

LANE

CLOSED







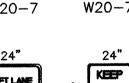


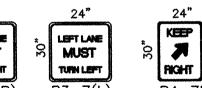


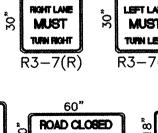


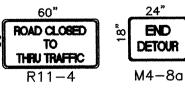


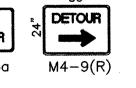


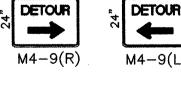












LEFT

STOP

W3-1

