

CONSTRUCTION PLANS
FOR
ARNO, MARKET, & COPPER LOFTS
PUBLIC INFRASTRUCTURE IMPROVEMENTS
ALBUQUERQUE, NEW MEXICO
INDEX

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2	CENTRAL AVENUE CURB MODIFICATIONS DEMOLITION PLAN
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CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THEREOF SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

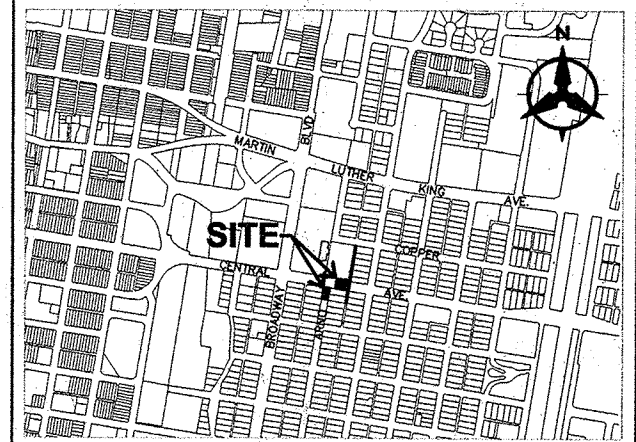
5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.

11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

FOR INFORMATION ONLY
Shows alley south of Central, east of Arno
As-builts and Closeout package not submitted.
Alley construction verified by aerial imagery.
Central scope supplanted by ART project.

By: Jim Roeder Date: 12-17-2019



VICINITY MAP
ZONE MAP NO. K-14-Z

NOTICE TO CONTRACTORS

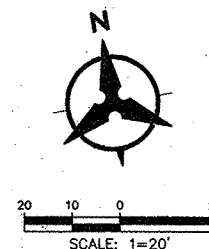
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULED. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

Bohannon & Huston
Engineering & Spatial Data & Advanced Technologies
Courtyard I 7600 Jefferson St. NE Albuquerque, NM 87109-4335

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		10-24-03		APPROVED FOR CONSTRUCTION	
		Transportation		9/17/03			
		Water/Wastewater		9/26/03			
		Hydrology		9/16/03			
Parks							
Const. Mgmt.							
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1. ALL UTILITY COMPANY FACILITIES AND UNDERGROUND UTILITY LINES, WHETHER INDICATED OR NOT INDICATED ON THE DRAWING, SHALL BE REMOVED AS REQUIRED FOR NEW CONSTRUCTION AND CAPPED. CONTRACTOR TO COORDINATE THIS WORK WITH UTILITY COMPANIES.
2. CONTRACTOR SHALL PROTECT ALL EXISTING SITE IMPROVEMENTS THAT ARE TO REMAIN, FROM DAMAGE DURING ALL PROJECT WORK. SPECIAL CARE SHOULD BE TAKEN WITH DRILPHINES OF EXISTING TREES. MINIMIZE TRENCHING OR EXCAVATION WITHIN TREE DRILPHINES. MAXIMUM FILL WITHIN 4' OF TRUNK SHALL BE 6" UP TO MAXIMUM 14" FILL WITHIN REMAINING AREA OF DRILPHINE; MAXIMUM CUT WITHIN 4' OF TRUNK SHALL BE 0" MAXIMUM WITHIN REMAINING AREA OF DRILPHINE SHALL BE 4". ANY CONTRACTOR-CAUSED DAMAGE TO EXISTING SITE IMPROVEMENTS, INCLUDING DAMAGE TO ANY TREES TO REMAIN, SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
3. SEE LANDSCAPE PLANS FOR NOTES REGARDING SALVAGE OF EXISTING IRRIGATION EQUIPMENT.
4. CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION WATER TO ALL UNDISTURBED TREES, SHRUBS, GRASS AND GROUND COVER WHICH HAVE IRRIGATION SERVICE INTERRUPTED DUE TO THE CONSTRUCTION.
5. DEMOLITION PHASING SHALL PROCEED ONLY WITH THE PHASING OF THE CONSTRUCTION WORK SO THAT DEMOLITION DOES NOT OCCUR UNTIL CONSTRUCTION IS IMMINENT.
6. ALL SIGNS, CHAIN LINK FENCE AND PARKING BUMPERS SHALL BE STOCKPILED FOR RE-USE. ITEMS TO BE RE-USED SHALL BE IN GOOD CONDITION, AS APPROVED BY OWNER'S REPRESENTATIVE.
7. CONTRACTOR SHALL COORDINATE WORK INDICATED ON THE SITE DEMOLITION PLANS WITH THE CONSTRUCTION PLANS TO DETERMINE SPECIFIC REMOVAL LIMITS.
8. CONTRACTOR IS RESPONSIBLE FOR ALL VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL. CONTRACTOR SHALL COORDINATE WITH CITY OF ALBUQUERQUE, FOR WORK WITHIN THE PUBLIC RIGHT OF WAY AND WITH OWNER'S REPRESENTATIVE FOR WORK ON-SITE. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANS PRIOR TO IMPLEMENTATION.
9. CONTRACTOR IS RESPONSIBLE FOR DRAINAGE MANAGEMENT AND EROSION CONTROL AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
10. EXISTING SIGNS WHICH ARE REMOVED DURING CONSTRUCTION SHALL BE STOCKPILED IN A LOCATION DESIGNATED BY THE OWNER'S REPRESENTATIVE.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND UTILITY TRENCHING NECESSARY TO PERFORM THE WORK SHOWN ON THE UTILITY AND ELECTRICAL PLANS.

- * [1] MATCH EXISTING CURB HORIZONTALLY & VERTICALLY.
- * [2] SAWCUT EXISTING PAVEMENT, LIP OF NEW CURB & GUTTER TO MATCH EXISTING PAVEMENT GRADE.
- * [3] INSTALL STANDARD CURB & GUTTER PER COA STD. 2415.
- * [4] 12" WIDE SIDEWALK CULVERT PER COA STD. DETAIL 2236.
- * [5] 18" WIDE SIDEWALK CULVERT PER COA STD. DETAIL 2236.
- * [6] CONCRETE VALLEY GUTTER PER COA STD. DTL. 2420.
- * [7] CONCRETE ALLEY GUTTER PER COA STD. DTL. 2415.
- * [8] INSTALL WHEEL CHAIR RAMP PER DETAIL "A" THIS SHEET.
- * [9] INSTALL WHEEL CHAIR RAMP PER DETAIL "B" THIS SHEET.
- * [10] BROCK PAVEN SIDEWALK, TO MATCH EXISTING SIDEWALK, SEE DETAIL THIS SHEET.
- * [11] MATCH EXISTING CONCRETE PAVEMENT.
- [12] PARKING METERS TO BE REMOVED AND SALVAGED.
- [13] PARKING METER POSTS TO BE REMOVED AND DISPOSED.
- [14] EXISTING STREETLIGHT JBOX TO REMAIN

* NOT USED THIS SHEET

 EXISTING CONCRETE PAVEMENT OR DRIVE PAD TO BE REMOVED

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OLD ALBUQUERQUE HIGH SCHOOL
CENTRAL AVENUE CURB MODIFICATIONS
DEMOLITION PLAN

Design Review Committee
APPROVE
OCT 24 2003
DESIGN
REVIEW COMMITTEE

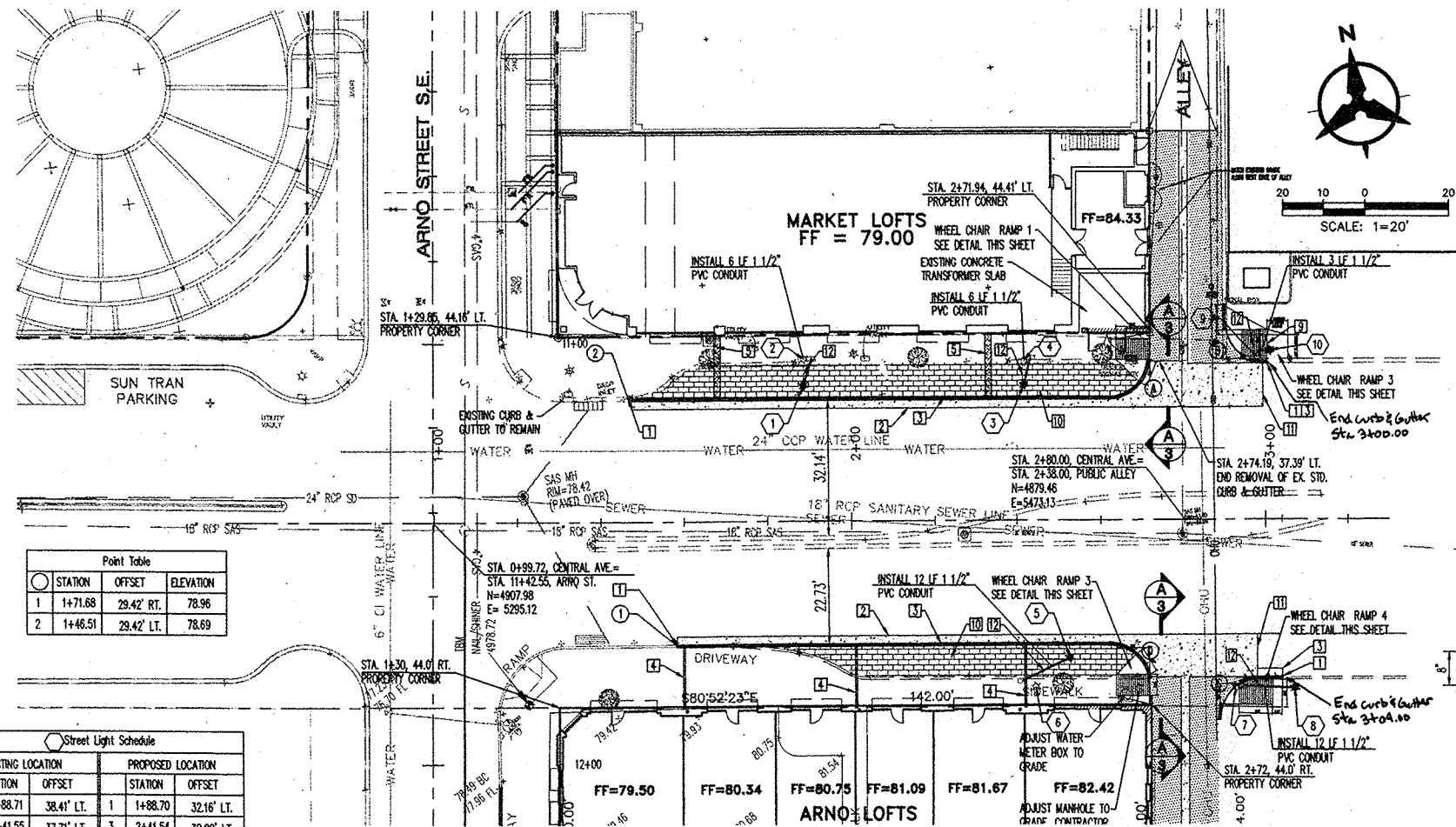
DEMOCRAT
FEB 19 1972
CITY CLERK

Test Design Update

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BHI JOB No. 030298 001 It



2474.19, 37.39' LT. PC CURB RETURN

2464.25, 28.56' LT. PT CURB RETURN

3400.38, 36.96' LT. PC CURB RETURN

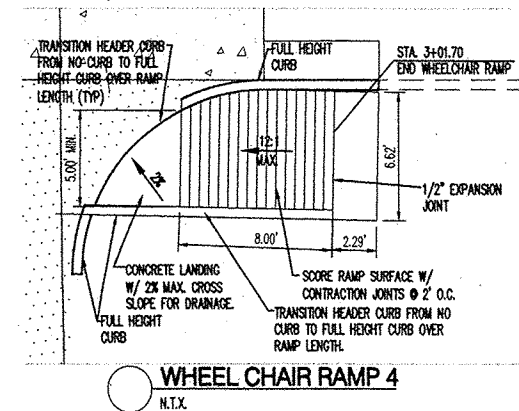
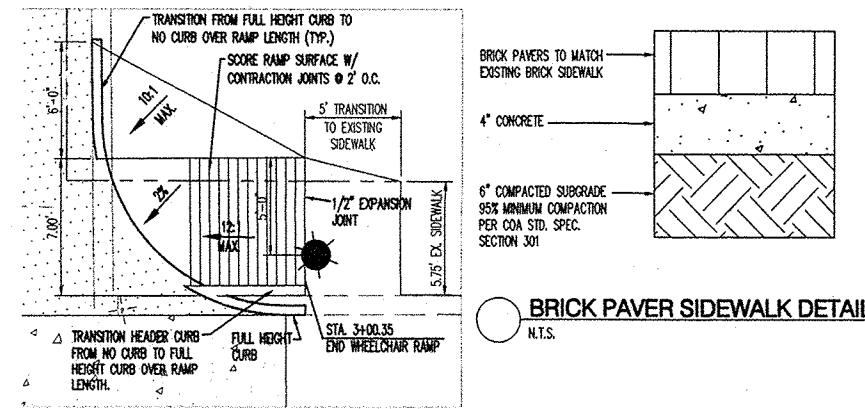
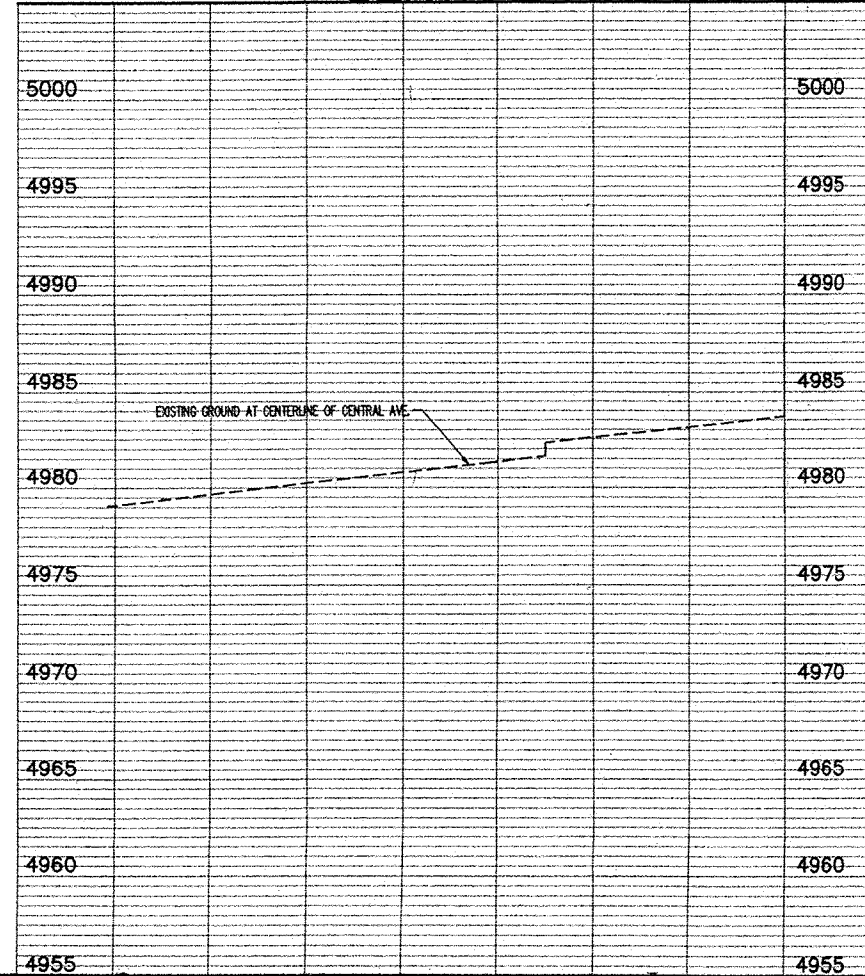
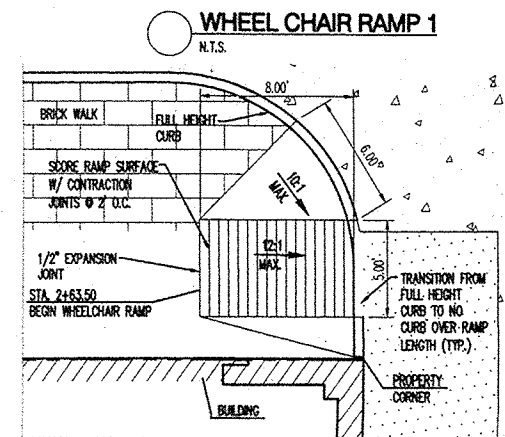
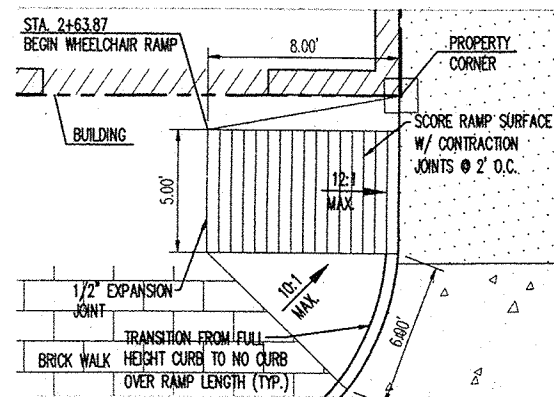
2489.33, 46.91' LT. PT CURB RETURN

2488.00, 47.51' RT. PC CURB RETURN

2462.00, 29.28' RT. PC CURB RETURN

2474.19, 37.39' LT. PT CURB RETURN

2489.33, 46.91' RT. PT CURB RETURN



CONCRETE VALLEY GUTTER
N.T.S.

BRICK PAVEMENT DETAIL
N.T.S.

- NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - NOT USED.
 - ALL CURVE DATA, DIMENSIONS AND ELEVATIONS REFER TO FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 - CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 - NOT USED.
 - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 - REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAW CUT ONLY).
 - WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 - NOT USED.
 - CONTRACTOR SHALL NOT OPERATE CITY WATER VALVES. CONTRACTOR SHALL CONTACT WATER UTILITY DIVISION FOR IMPLEMENTATION OF WATER SHUT-OFF PLANS. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE WHATEVER PRECAUTIONS NECESSARY TO ENSURE THAT THE WATER IS COMPLETELY SHUT-OFF PRIOR TO BEGINNING WORK.
 - CONTRACTOR TO COORDINATE WITH BUILDING CONTRACTOR FOR LOCATION OF ROOF DRAINS AND SIDEWALK CULVERTS.

KEYED NOTES

- MATCH EXISTING CURB HORIZONTALLY & VERTICALLY.
- SAW CUT EXISTING PAVEMENT. LIP OF NEW CURB & GUTTER TO MATCH EXISTING PAVEMENT GRADE.
- INSTALL STANDARD CURB & GUTTER PER COA STD. 2415.
- 12" WIDE x 14" LONG SIDEWALK CULVERT PER COA STD. DETAIL 2236.
- 18" WIDE x 15.5" LONG SIDEWALK CULVERT PER COA STD. DETAIL 2236.
- CONCRETE 6" VALLEY GUTTER PER COA STD. DET. 2420.
- 2" CONCRETE ALLEY GUTTER PER COA STD. DET. 2415.

- * [] NOT USED.
- * [] NOT USED.
- [] BRICK PAVEMENT SIDEWALK, TO MATCH EXISTING SIDEWALK, SEE DETAIL THIS SHEET.
- [] MATCH EXISTING CONCRETE PAVEMENT.
- [] RELOCATE EXISTING STREET LIGHT. EXTEND 1 1/2" PVC CONDUIT TO PROPOSED LOCATION. PULL NEW CONDUIT FROM ADJACENT PULL BOX TO PROPOSED STREET LIGHT. NEW CONDUIT AND CONDUIT TO MATCH EXISTING. SEE STREET LIGHT SCHEDULE FOR EXISTING AND PROPOSED STATION AND OFFSET. THIS WORK SHALL BE PERFORMED UNDER THIS ORDER BY CONTRACTOR. *No Splicing of Conductor is Allowed.*

LEGEND

- NEW CONCRETE CURB & GUTTER, VALLEY/ALLEY GUTTER
- NEW BRICK PAVEMENT SIDEWALK
- NEW ASPHALT CONCRETE PAVEMENT

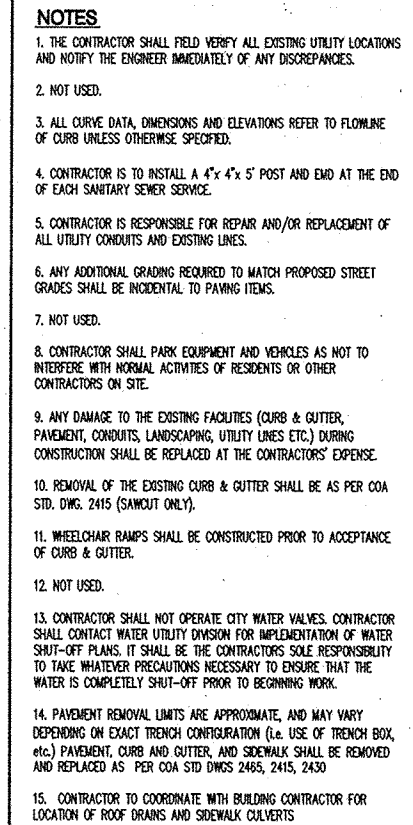
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

OLD ALBUQUERQUE HIGH SCHOOL
CENTRAL AVENUE CURB MODIFICATIONS

Design Review Committee: OCT 24 2003
 City Engineer Approval: FEB 19 2004
 City Engineer: [Signature]




City Project No. 716781
 Zone Map No. K-14-Z
 Sheet 3 of 9



KEYED NOTES

- 1 MATCH EXISTING CURB HORIZONTALLY & VERTICALLY.
- * 2 SAWCUT EXISTING PAVEMENT, LIP OF NEW CURB & GUTTER TO MATCH EXISTING PAVEMENT GRADE.
- * 3 INSTALL STANDARD CURB & GUTTER PER COA STD. 2415.
- * 4 12" WIDE SIDEWALK CULVERT PER COA STD. DETAIL 2236.
- * 5 18" WIDE SIDEWALK CULVERT PER COA STD. DETAIL 2236.
- * 6 CONCRETE 6' VALLEY GUTTER PER COA STD. DTL. 2420.
- 7 2' CONCRETE ALLEY GUTTER PER COA STD. DTL. 2415.
- * 8 NOT USED.
- * 9 NOT USED.
- * 10 BRICK PAVED SIDEWALK, TO MATCH EXISTING SIDEWALK, SEE DETAIL THIS SHEET.

LEGEND

- | | |
|---|----------------------------------|
|  | NEW CONCRETE VALLEY/ALLEY GUTTER |
|  | NEW BRICK PAVER SIDEWALK |
|  | NEW ASPHALT CONCRETE PAVEMENT |

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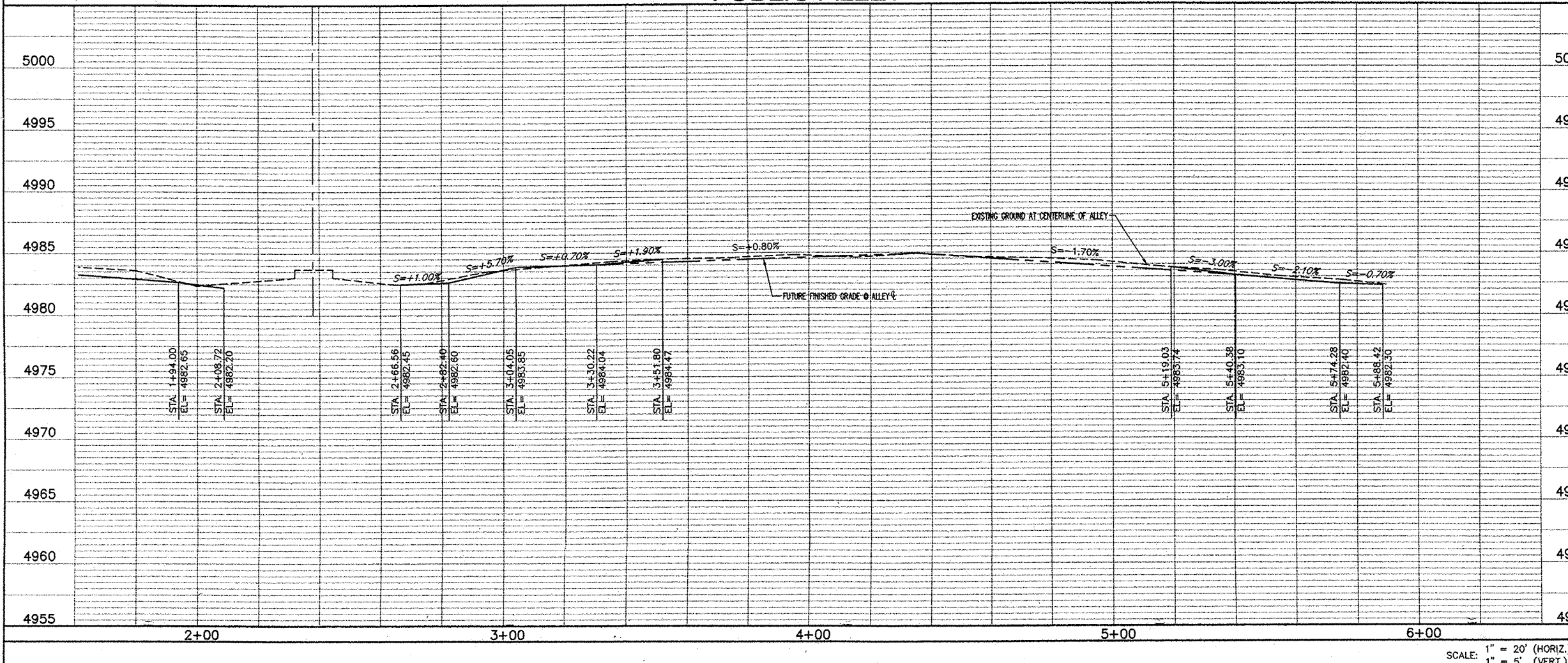
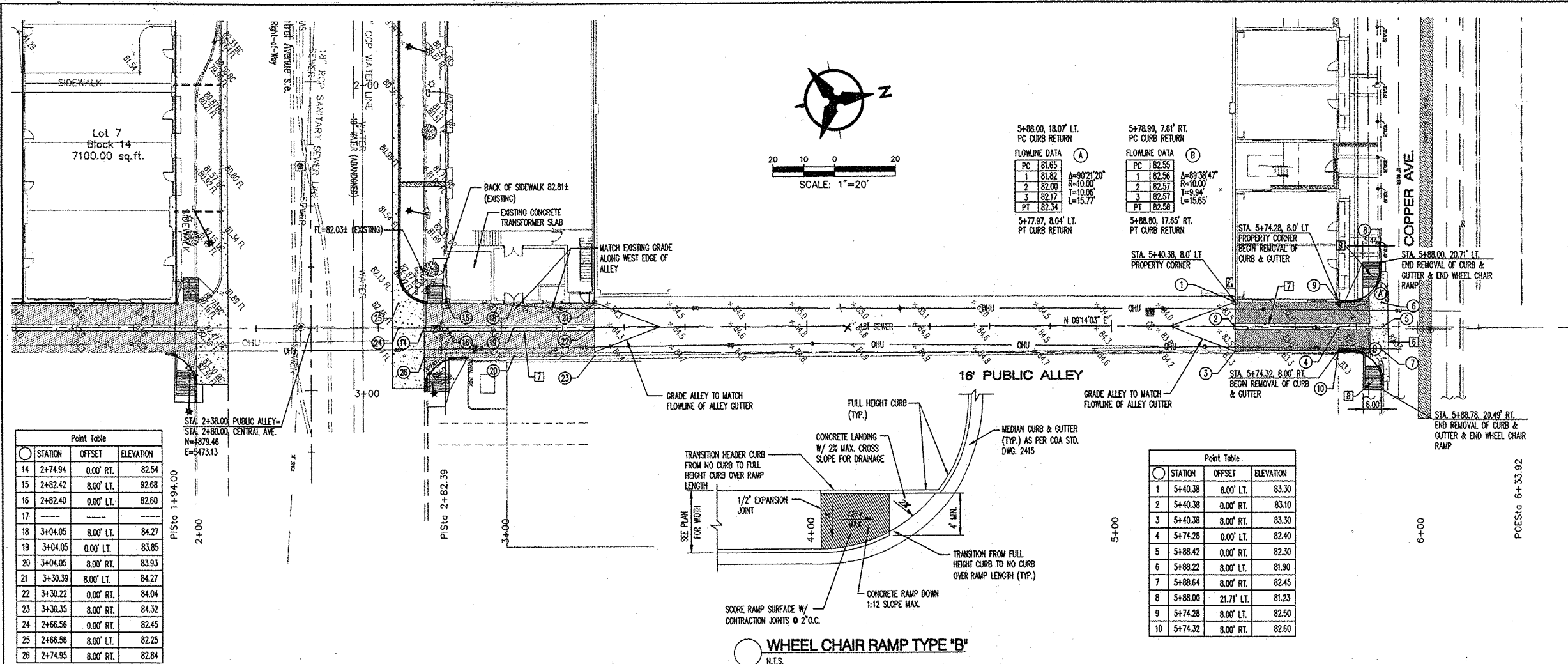
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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

OLD ALBUQUERQUE HIGH SCHOOL
16' PUBLIC ALLEY
PLAN AND PROFILE

Design Review Committee		City Engineer Approval		Last Design Update	
APPROVE	DATE	APPROVE	DATE	Mo./Day/Yr.	Mo./Day/Yr.
OCT 24 2003		FEB 19 2004			
REVIEW COMMENTS		CITY ENGINEER			

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NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- NOT USED.
- ALL CURVE DATA, DIMENSIONS AND ELEVATIONS REFER TO FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- NOT USED.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWOUT ONLY).
- WHEELCHAIR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- NOT USED.
- CONTRACTOR SHALL NOT OPERATE CITY WATER VALVES. CONTRACTOR SHALL CONTACT WATER UTILITY DIVISION FOR IMPLEMENTATION OF WATER SHUT-OFF PLANS. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO TAKE WHATEVER PRECAUTIONS NECESSARY TO ENSURE THAT THE WATER IS COMPLETELY SHUT-OFF PRIOR TO BEGINNING WORK.
- PAVEMENT REMOVAL LIMITS ARE APPROXIMATE, AND MAY VARY DEPENDING ON EXACT TRENCH CONFIGURATION (i.e. USE OF TRENCH BOX, etc.) PAVEMENT, CURB AND GUTTER, AND SIDEWALK SHALL BE REMOVED AND REPLACED AS PER COA STD DWGS 2465, 2415, 2430
- CONTRACTOR TO COORDINATE WITH BUILDING CONTRACTOR FOR LOCATION OF ROOF DRAINS AND SIDEWALK CULVERTS

KEYED NOTES

- * [1] MATCH EXISTING CURB HORIZONTALLY & VERTICALLY.
- * [2] SAWCUT EXISTING PAVEMENT. LIP OF NEW CURB & GUTTER TO MATCH EXISTING PAVEMENT GRADE.
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- * [7] 2" CONCRETE ALLEY GUTTER PER COA STD. DTL. 2415.
- * [8] INSTALL WHEEL CHAIR RAMP PER DETAIL "B" THIS SHEET.
- * [9] INSTALL WHEEL CHAIR RAMP PER COA STD. DWG. 2426.
- * [10] BRICK PAVEMENT SIDEWALK, TO MATCH EXISTING SIDEWALK, SEE DETAIL THIS SHEET.
- * [11] MATCH EXISTING CONCRETE PAVEMENT.

LEGEND

- NEW CONCRETE VALLEY/ALLEY GUTTER
- NEW BRICK PAVEMENT SIDEWALK
- NEW ASPHALT CONCRETE PAVEMENT

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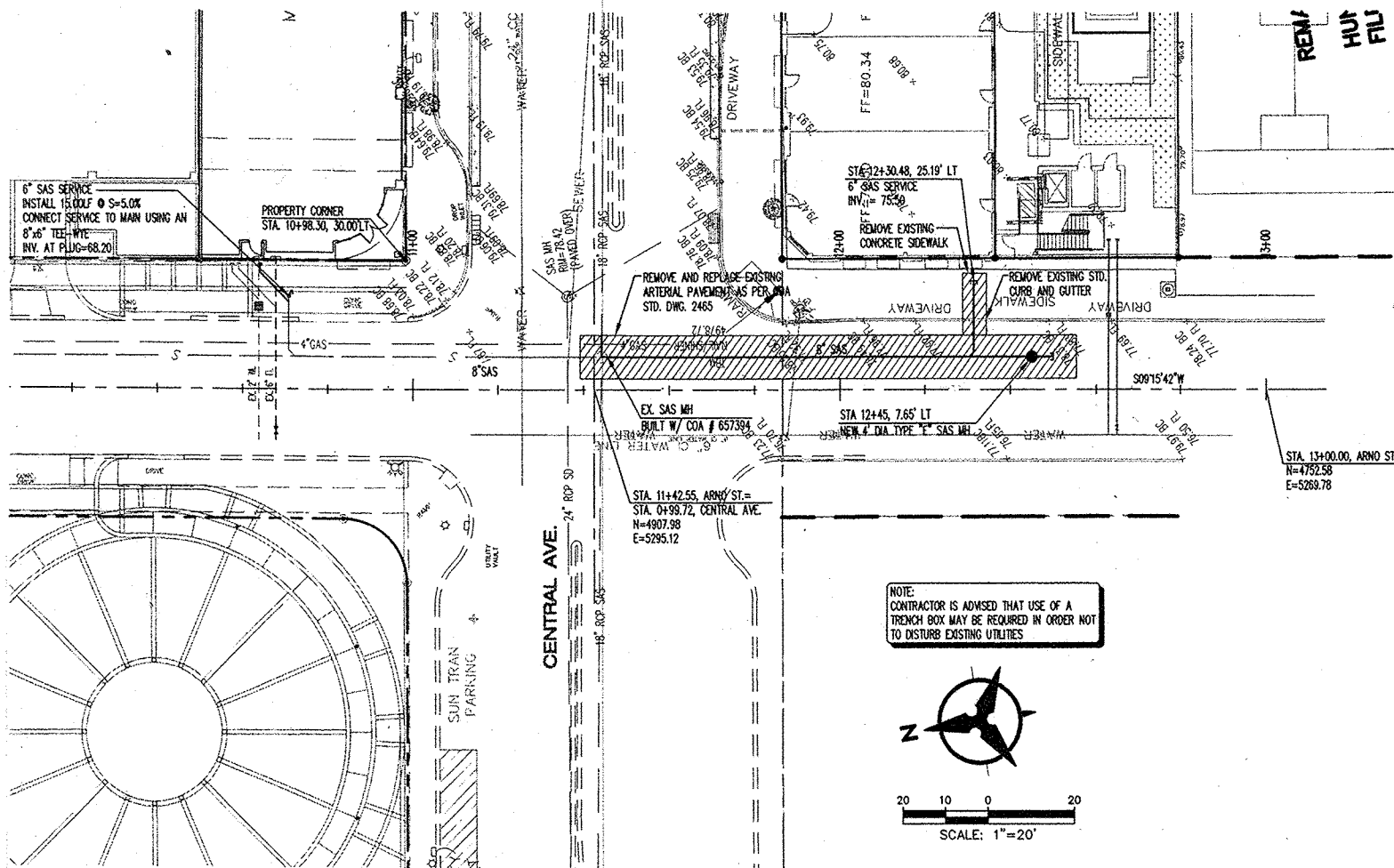
**CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT**

**OLD ALBUQUERQUE HIGH SCHOOL
 16' PUBLIC ALLEY
 PLAN AND PROFILE**

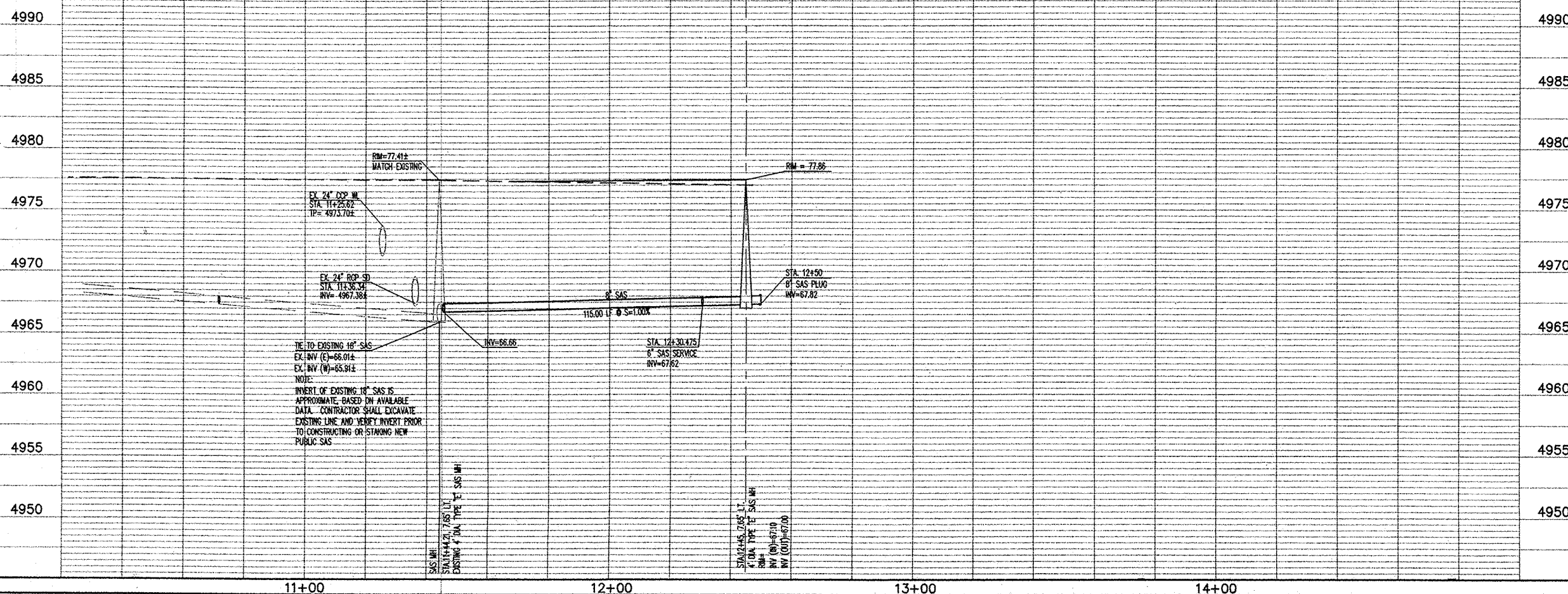
Design Review Committee: OCT 2 4 2003
 City Engineer: FEB 19 2004

City Project No. 716781 Zone Map No. K-14-Z Sheet 5 of 9

Designed By: B.S. DATE: 02/03
 Drawn By: RWB DATE: 02/03
 Checked By: BJS DATE: 02/03



ARNO STREET N.E.



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 6. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 7. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 8. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 9. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 10. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAW-CUT ONLY).
 11. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 12. FOR STORM DRAINS, ROP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE JOINTS TO BE GROUTED PRIOR TO FINAL ACCEPTANCE.
 13. CONTRACTOR SHALL NOT OPERATE CITY WATER VALVES. CONTRACTOR SHALL CONTACT WATER UTILITY DIVISION FOR IMPLEMENTATION OF WATER SHUT-OFF PLANS. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE WHATEVER PRECAUTIONS NECESSARY TO ENSURE THAT THE WATER IS COMPLETELY SHUT-OFF PRIOR TO BEGINNING WORK.
 14. PAVEMENT REMOVAL LIMITS ARE APPROXIMATE, AND MAY VARY DEPENDING ON EXACT TRENCH CONFIGURATION (i.e. USE OF TRENCH BOX, etc.) PAVEMENT, CURB AND GUTTER, AND SIDEWALK SHALL BE REMOVED AND REPLACED AS PER COA STD DWGS 2465, 2415, 2430

NOTE:
CONTRACTOR SHALL NOT DAMAGE EXISTING
UTILITIES. FIELD VERIFY ALL EXISTING UTILITY
LOCATIONS PRIOR TO CONSTRUCTION

MATERIALS:
SAS LINE: SDR-35 PVC

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

ARNO STREET SANITARY SEWER
CENTRAL TO COPPER
PUBLIC 8" SANITARY SEWER LINE PLAN AND PROFILE

DESIGN REVIEW COMMITTEE
OCT 24 2003
CITY ENGINEER
FEB 19 2004

City Project No. 716781
Zone Map No. K-14-Z
Sheet 6 of 9

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
<div><p>GLENN S. BROUGHTON NEW MEXICO 14171 9-11-03 REGISTERED PROFESSIONAL ENGINEER</p></div>				FIELD NOTES		STATION IS IN DOWNTOWN ALBUQUERQUE AT THE INTERSECTION OF BROADWAY AND CENTRAL AVENUE. THE STATION IS IN THE NE QUADRANT OF THE INTERSECTION. IT IS IN THE SIDEWALK AND IS APPROXIMATELY 3.5' EAST OF THE BACK OF THE CURB OF BROADWAY AND APPROXIMATELY 3.0' NORTH OF THE BACK OF CURB OF CENTRAL AVE. STATION IS A STANDARD CITY OF ALBUQUERQUE DISK SET IN A DRILLED HOLE IN THE SIDEWALK, STAMPED "6-1/4\"		CONTRACTOR	
				NO.	DATE			WORK	DATE
By				DATE		INSPECTED BY		DATE	
				DATE		APPROVED BY		DATE	
No.				Date		REMARKS		DRAWINGS	
						REVISIONS		CONSISTED BY	
						DESIGN		MICRO-FILM INFORMATION	
Designed By: BJS				DATE: 01/03		STATION IS A STANDARD CITY OF ALBUQUERQUE DISK SET IN A DRILLED HOLE IN THE SIDEWALK, STAMPED "6-1/4\"		RECORDED BY	
Drawn By: RMB				DATE: 01/03		THE GROUND CONTAINING A STANDARD TRANSVERSE STATION DISK.		DATE	
						X = 302.6022 Y = 1,485.9410		NO.	

PLAN AND PROFILE	
Mo./Day/Yr.	Mo./Day/Yr.

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

- CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
- 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 SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
- 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.
- CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
- 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.
- 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 EDITION.
- 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.
- 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.
- 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.
- 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.
- ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
- 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.
- 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.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
- 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.
- 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.
- 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.
- ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS 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:
- 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 SECTIONS.

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 ITS PLACEMENT AND MAINTENANCE.

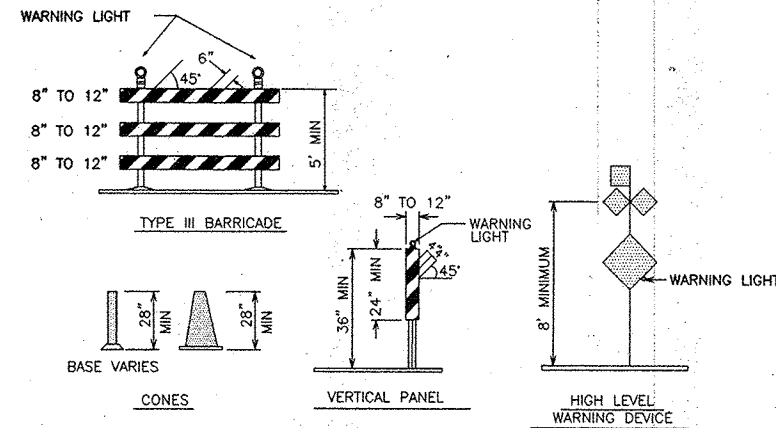
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

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 EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

SPECIAL PROJECT TRAFFIC CONTROL NOTES

- CONTRACTOR SHALL PERFORM AS MUCH WORK AS POSSIBLE BEHIND THE EXISTING CURB AND GUTTER PRIOR TO AFFECTING TRAFFIC ON CENTRAL AVENUE.
- ONLY SINGLE LANE CLOSURES WILL BE ALLOWED ON CENTRAL AVENUE. NO TRAFFIC SPLITS WILL BE ALLOWED.
- LANE CLOSURES ON CENTRAL AVENUE WILL NOT NORMALLY BE ALLOWED BETWEEN THE HOURS OF 6:00 AM AND 9:00 AM AND FROM 3:00 PM TO 6:00 PM, MONDAY THROUGH FRIDAY.
- THE CONTRACTOR SHALL REMOVE ALL LANE CLOSURES ON CENTRAL AVENUE IMMEDIATELY UPON THE CONCLUSION OF EACH DAY'S WORK SHIFT. IF AN UNSAFE CONDITION EXISTS AT THE CONCLUSION OF A WORK SHIFT THAT REQUIRES A LANE CLOSURE, THEN THE CONTRACTOR SHALL CONTINUE TO WORK EXTENDED HOURS FROM 7:00 AM TO 10:00 PM DAILY UNTIL ALL LANES ARE OPENED TO TRAFFIC.
- ALL LANE CLOSURES ON CENTRAL AVENUE ARE SUBJECT TO ARTERIAL/COLLECTOR ROAD USAGE FEES OF \$0.01 PER SQUARE FOOT OF BARRICADED AREA PER DAY. MINIMUM BARRICADE PERMIT COSTS OF \$21.00 PER DAY WILL BE ASSESSED FOR SHOULDER AND SIDEWALK WORK ON CENTRAL AVENUE.



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

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

TAPER LENGTH COMPUTATION

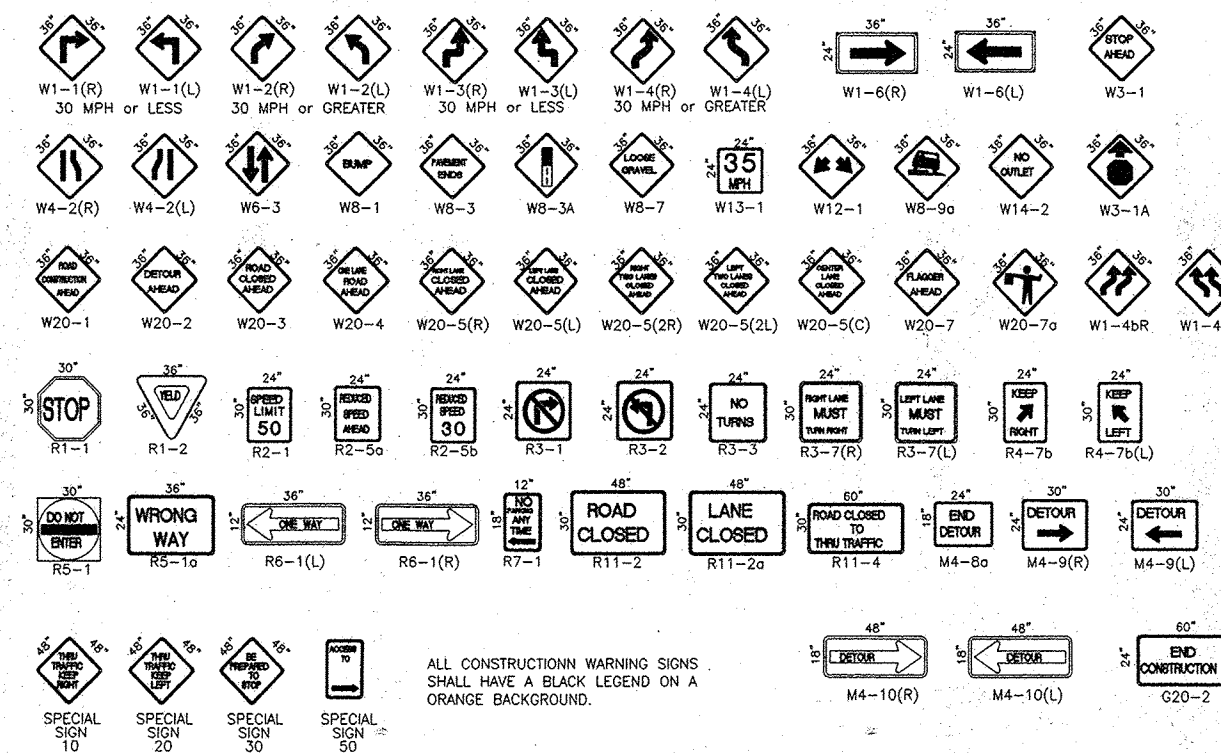
SPEED LIMIT

40 MPH OR LESS $L = \frac{WS^2}{60}$

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

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

OLD ALBUQUERQUE HIGH SCHOOL

TRAFFIC CONTROL
SIGNING & CONSTRUCTION TRAFFIC CONTROL STANDARDS

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

City Project No. 716781 Zone Map No. K-14-Z Sheet 8 Of 9

BHI JOB NO. 030120 007 JRT

Date: JUNE 2003

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