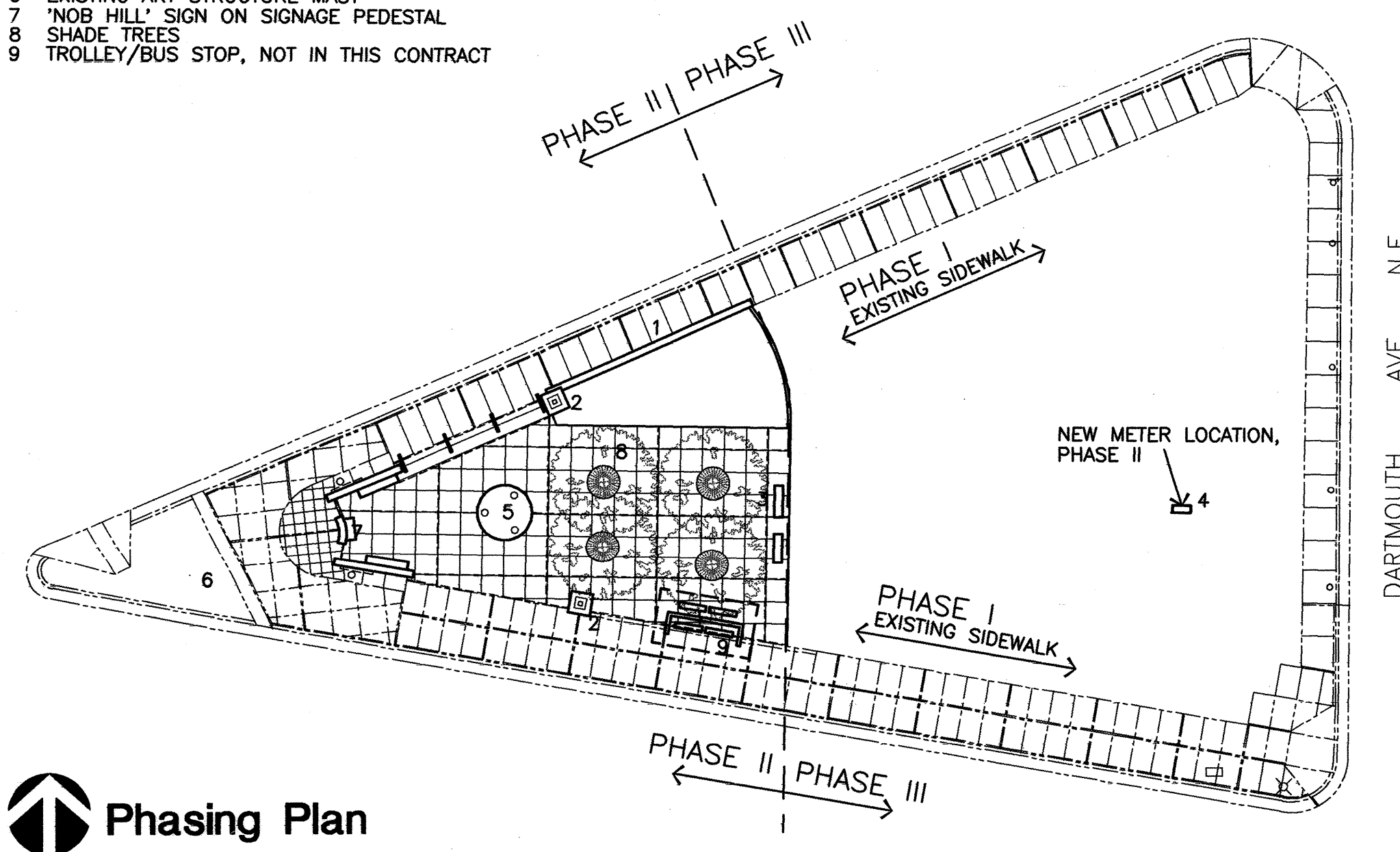
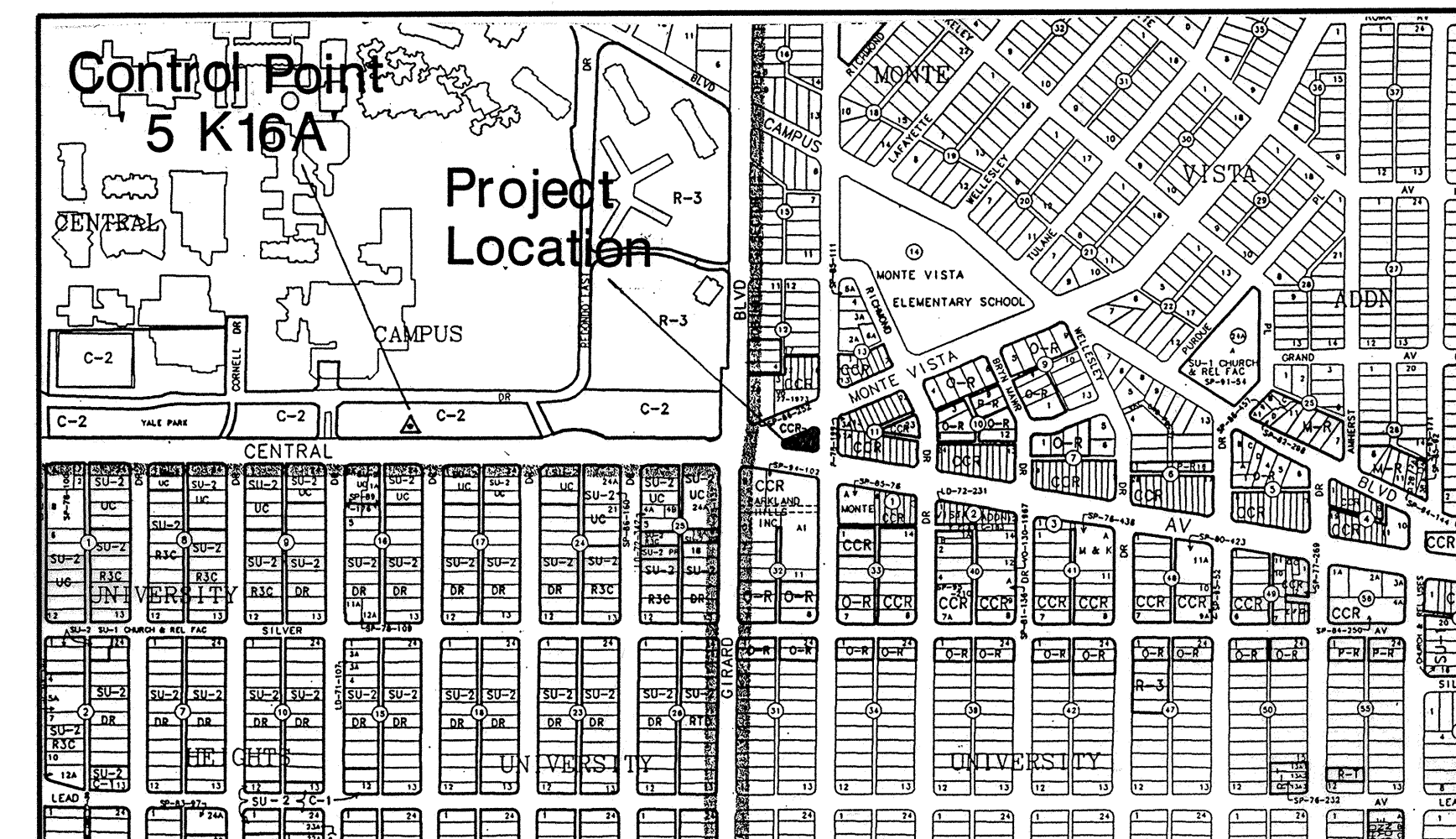


Legend

- 1 LOW TILED WALL
2 TILED BASE AND LAMP
3 PHASE II BENCHES (TO BE RELOCATED AT PHASE III)
4 RELOCATED ELECTRICAL METER AND CABINET TO SIGNAGE PEDESTAL
5 SCULPTURE ON SCULPTURE PEDESTAL
6 EXISTING ART STRUCTURE MAST
7 'NOB HILL' SIGN ON SIGNAGE PEDESTAL
8 SHADE TREES
9 TROLLEY/BUS STOP, NOT IN THIS CONTRACT



Sheet No.	Title
1	Title Sheet
2	Site Demolition Plan/Landscape Plan
3	Site Plan/Details
4	Site Elevations/Details
5	Grading Plan
6	Electrical Plan

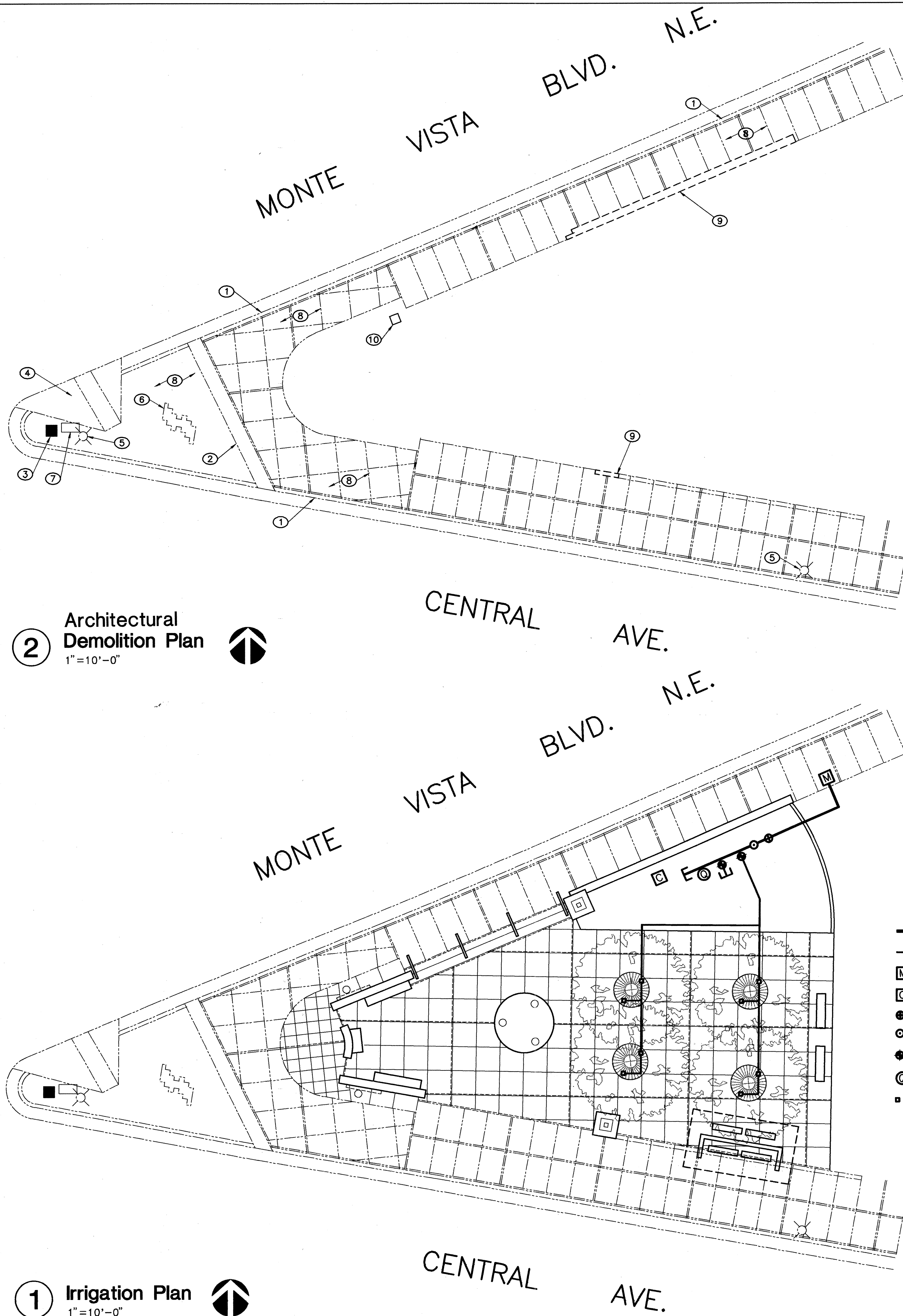


Location Map
ZONE ATLAS MAP K-16-Z

1. ALL WORK DETAIL ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, AND UNLESS STATED OTHERWISE OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 6.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES BEING CONNECTED TO AND ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING SAFETY AND HEALTH.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL GAS, ELECTRIC, TELEPHONE LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE DONE BY THE RESPONSIBLE UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.
8. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY OR EASEMENTS TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERLAP PARKING OF EQUIPMENT AND/OR STORAGE OF MATERIALS IS NOT ALLOWED EXCEPT BY PERMISSION OF PROPERTY OWNER. RESTORATION OF PRIVATE IMPROVEMENTS WILL BE AT THE CONTRACTOR'S EXPENSE.
9. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE FIELD ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
10. WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
11. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (788-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
12. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.
13. CONTRACTOR SHALL SUBMIT A REVEGETATION PLAN TO ENGINEER FOR PRIOR APPROVAL.
14. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THEN SEVEN (7) DAYS PRIOR TO STARTIN WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENS OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF 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 GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
15. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

[illegible]

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2 Architectural Demolition Plan
1"=10'-0"



1 Irrigation Plan
1"=10'-0"



- MAIN IRRIGATION LINE
1" DIA. SCHEDULE 40 PVC
- LATERAL PVC SCHEDULE 40
LINE. SIZE: 3/4" DIA.
- M EXISTING DBL. 3/4" METER,
VERIFY LOCATION
- C SOLATROL IRRIGATION
CONTROLLER
- RAINBIRD 1" PEB MASTER VALVE,
SEE COA STANDARD DETAIL #2702
- PRESSURE VACUUM BREAKER 1" SIZE,
SEE COA STANDARD DETAIL #2702
- ◆ RAINBIRD 1" PEB REMOTE CONTROL VALVE,
SEE COA STANDARD DETAIL #2703
- ⊙ QUICK COUPLER VALVE RAINBIRD 330RC
SEE COA STANDARD DETAIL #2708
- RAINBIRD 1404 PRESSURE COMPENSATING
1.0 GPM 2 BUBBLERS PER TREE,
SEE COA STANDARD DETAIL #2712

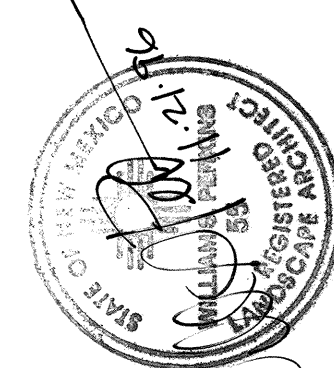
Keyed Notes

- EXISTING CONC. CURB & GUTTER TO REMAIN.
- EXISTING SIDEWALK CULVERT & COVER TO REMAIN.
- EXISTING TRAFFIC SIGNAL TO REMAIN.
- EXISTING HANDICAP ACCESS RAMP TO REMAIN.
- EXISTING STREET LIGHT FIXTURE TO REMAIN.
- EXISTING ART STRUCTURE MAST TO REMAIN.
- EXISTING ELECTRICAL BOX TO REMAIN.
- EXISTING CONC. SIDEWALK TO REMAIN.
- SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE SIDEWALK.
- SEE ELECTRICAL PLAN FOR METER REMOVAL AND RELOCATION.

Landscape Notes

- IRRIGATION CONTROLLER LOCATION IS SUBJECT TO FINAL APPROVAL BY THE ARCHITECT. ADJUST LOCATION PER THE DIRECTION OF THE ARCHITECT.
- ALL LINES BENEATH PAVING ARE TO BE LOCATED WITHIN PVC SLEEVES 2 TIMES THE DIAMETER OF THE IRRIGATION LINES.
- ALL WORK IS TO BE IN ACCORDANCE WITH THE STANDARD CITY OF ALBUQUERQUE SPECIFICATIONS.
- PROVIDE AND INSTALL ONE 3" CALIPER SUMMIT ASH TREE (FRAXINUS PENNSYLVANICA "SUMMIT") PER EACH TREE GRATE. TREES ARE TO BE MATCHING. INSTALLATION IS TO BE PER STANDARD COA STANDARD DETAIL #2715 FOR TREE PLANTING.
- PRIOR TO FINAL ACCEPTANCE OF WORK ALL AREAS WITH DISTURBED SOIL ARE TO BE GRADED SO AS TO BE SMOOTH AND EVEN. REGRADED SOILS ARE TO BE COMPACTED WITH A ROLLER OR OTHER APPROVED METHOD TO A DENSITY OF 90%. APPLY MOISTURE AS REQUIRED TO ACHIEVE THE DESIRED SOIL DENSITY.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS		DESIGN		TSS		BP	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK STANDARD BY		WORK STANDARD BY													
ACCEPTANCE BY		ACCEPTANCE BY													
FIELD LOCATION BY		FIELD LOCATION BY													
DRAWINGS CORRECTED BY		DRAWINGS CORRECTED BY													
MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION	
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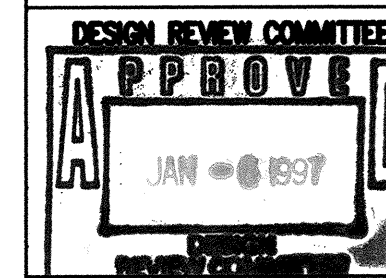


d/p&a

delker/perich & associates
architecture planning interiors
6501 Americas Parkway NE Suite 675 505 888-3111
Albuquerque, New Mexico 87110 Fax 883-8050

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EAST CENTRAL TRIANGLE PARK, PHASE 2
Site Demolition/Landscape Plan



CITY ENGINEER APPROVAL

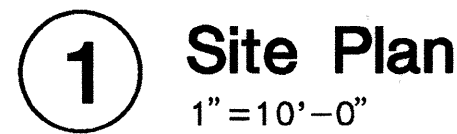
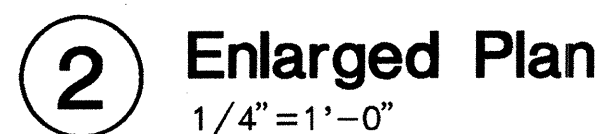
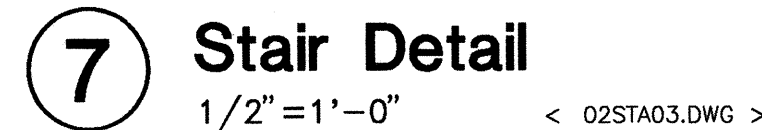
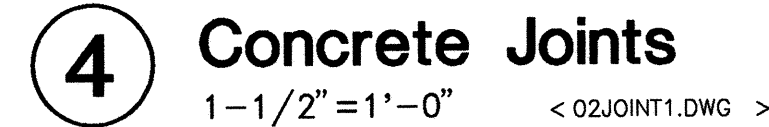
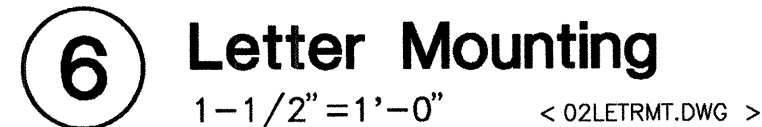
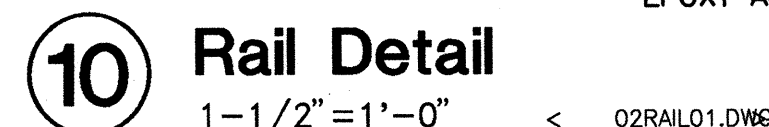
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4718.92

MAP NO. K-16-Z

SHEET 2 OF 6

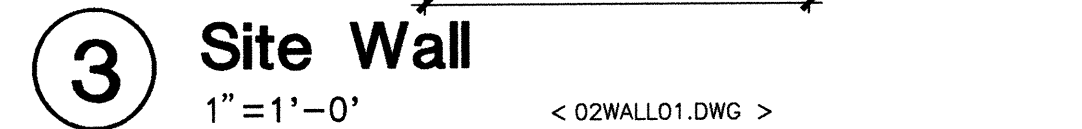
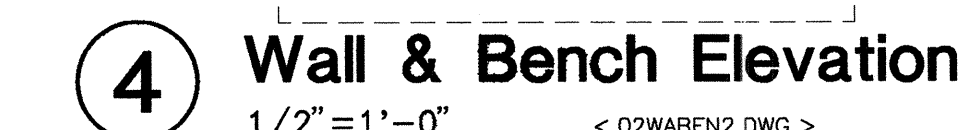
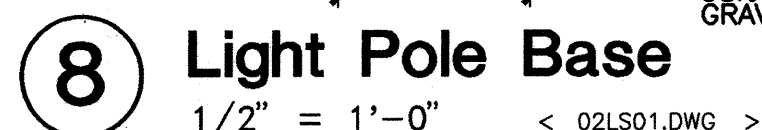
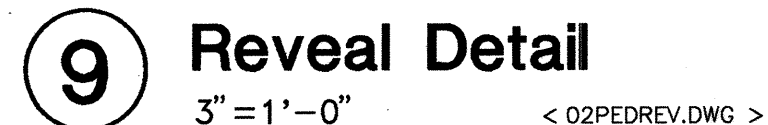


1. NEW BUS/TROLLEY STOP, NOT IN THIS CONTRACT. NOT USED.
2. NEW 4" CONC. SIDEWALK PER COA STANDARDS.
3. TREE PLANTER PER COA STANDARD DETAIL #2715, W/ CAST IRON GRATE. TYP OF 4, REFER TO DETAIL 8/SHEET 3.
4. TOOLED CONTROL JOINT, TYP., REFER TO DETAIL 4/SHEET 3.
5. RISER TERMINATION @ 0".
6. SCULPTURE PEDESTAL: SET FOR DATUM DIMEN-SIONING. REFER TO DETAIL 1/SHEET 4.
7. PAVING JOINT: NO STEP.
8. LOW GLAZED CMU WALL, REFER TO DETAIL 3/SHEET 4. LONG SIDES PARALLEL TO CURB LINES AT MONTE VISTA AND CENTRAL AVE.
9. LOCATION OF NEW BENCHES, TO BE BY MATERIALS INC. (505) 867-9035, OR SIMILAR, REFER TO DETAIL 9/SHEET 3.
10. GLAZED CMU BASE AND LAMP, REFER TO DETAILS 6, 7 & 8/ SHEET 4.
11. START PAVING PATTERN AND JOINT ON CENTER LINE OF PEDESTAL.
12. EXTENT OF PHASE II CONCRETE PAVING. SIDEWALK TURNDOWN EDGE, REFER TO DETAIL 3/ SHEET 3.
13. FUTURE PLANTING AREA, EXISTING EARTH TO REMAIN.
14. CONCRETE CURB, REFER TO DETAIL 6/SHEET 3.
15. IN-GROUND LIGHTING, REFER TO ELECTRICAL DRAWINGS.
16. EXTENT OF EXISTING CONCRETE PAVING.
17. SET PAVING EDGE PARALLEL TO DARTMOUTH AVE. CURB LINE.
18. CENTERLINE PARALLEL TO SIDEWALK EDGE.
19. ALIGN BENCH WITH EXPANSION JOINT.
20. CENTER POINT OF RADIUS FOR CURB.
21. DETAIL OF STEEL HANDRAIL AT STAIRS, TYP OF 4, SEE DETAIL 7/SHEET 3. PAINTED - ARCHITECT TO SELECT COLOR.
22. CENTERLINE FROM APEX.
23. CURVED WALL, REFER TO DETAIL 2 & 4/ SHEET 4.
24. NEW 4" CONC. SIDEWALK PER COA STANDARDS, WITH CONTROL JOINTS AT 2'-0" x 2'-0". CONCRETE SHOULD CONTAIN INTEGRAL PURE-COLOR CONCEN-TRATE NUMBER 1395 "PLUM" MANUFACTURED BY DAVIS COLORS AT AN ADDITIONAL RATE OF 2 LBS PER 94 LB SACK OF CEMENT. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION.
25. SIGNAGE WALL, REFER TO DETAIL 2 & 5/ SHEET 4.
26. ATTACHED SIGNAGE, REFER TO DETAIL 6/ SHEET 3, AND ELEVATIONS 9 & 10/ SHEET 4.
27. PAINTED STL. RAIL AT STATION, TYP. OF (2). RE: DETAIL 10/SHEET 3, AINTE - ARCHITECT TO SELECT COLOR.
28. CONC. STL. RAIL DRAWINGS.
29. F.O. CMU WALL @ EDGE OF EXIST. CONC. WALK.
30. INTEGRAL CONCRETE BENCH.

1. ALL EXPOSED CONCRETE TO BE 4000 PSI PER COA STANDARDS.
2. NOTIFY ARCHITECT A MINIMUM OF 24 HRS PRIOR TO PLACEMENT OF ANY EXPOSED CONCRETE.
3. ALL PAVING LINES ARE CONTROL JOINTS UNLESS NOTED AS E.J. - EXPANSION JOINT, RE: DET. 4/SH 3
4. MAINTAIN MIN. 1" COVER AT ALL REINFORCING STEEL.

DRAWING NO.	4718.92	MAP NO. K-16-Z	SHEET 3 OF
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[illegible]



1. TROLLEY STOP, NOT IN THIS CONTRACT.
2. LIGHT, REFER TO ELECTRICAL PLANS. PAINT TO BE LIGHTED BY ARCHITECT.
3. LIGHTPOLE BASE, REFER DETAILS 7 & 8/SHEET 4.
4. 5'-0" RADIUS SCULPTURE PEDESTAL, REFER TO DETAIL 1/SHEET 4.
5. NOT USED.
6. NOT USED.
7. 12" HIGH CAST STAINLESS STEEL LETTERS ATTACHED TO CMU STRUCTURE, REFER TO DETAIL 6/ SHEET 3.
8. EXISTING ART STRUCTURE MUST BEYOND.
9. GLAZED CMU BLOCK, TYP.
10. TOP TO HAVE 1/8" SLOPE, FROM CENTER OUT, ELEVATION CHANGES WITH GRADE.
11. EXISTING SIDEWALK AND CURB.
12. ALIGN TOP CORNER OF LETTERS TO CORNER OF 1ST 8'X8' CROUT LINE.
13. NOT USED.
14. ATTACHED SEAT ON CONCRETE WALL, REFER TO DETAILS 2 & 4/ SHEET 4.
15. SIGNAGE WALL WITH BENCH, REFER TO DETAIL 2 & 5/ SHEET 4.
16. BENCH OTHER SIDE, REFER TO ELEVATION 6/ SHEET 7. FOOTINGS BELOW GRADE.
17. BENCH OTHER SIDE, REFER TO ELEVATION 5/ SHEET 7.
18. EXISTING STEEL RAIL AT STEP, TYP. OF (2). REFER TO DETAIL 10/ SHEET 3. ARCHITECT TO SELECT COLOR.
20. SIGNAGE WALL WITH BENCH, REFER TO DETAIL 2 & 6/ SHEET 4.

1. ALL EXPOSED CONCRETE TO BE 4000 PSI PER COA STANDARDS.
2. COLORED CONCRETE ON SCULPTURE PEDESTAL TO CONTAIN INTEGRAL PURE-COLOR CONCENTRATE NUMBER 5237 "SAN DIEGO BUFF", MANUFACTURED BY DAVID COLORS AT AN ADDITION RATE OF 1 1/2 LBS PER 94 LB SACK OF CEMENT. PROVIDE COLOR SAMPLE TO ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION.
3. NOTIFY ARCHITECT A MINIMUM OF 24 HRS PRIOR TO PLACEMENT OF ANY EXPOSED CONCRETE.
4. ALL GROUT NOT EXPOSED TO VIEW TO BE TYPE S. FINISHED GROUT TO BE MAPEI 57 'CINNAMON', (800) 621-6491.
5. GLAZED CMU BLOCK TO BE ASTRA-GLAZE-SW BY TRENNYTH INDUSTRIES (800) 358-3003. INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. COLOR TO BE SELECTED BY ARCHITECT.
6. WHEN TOP OF BENCH DIMENSIONS FROM GRADE VARY MORE THAN 1" FROM DIMENSIONS INDICATED ON PLANS, NOTIFY ARCHITECT IMMEDIATELY. SET BENCH PER BLOCK COARSING AS SHOWN. DIMENSIONS ABOVE GRADES ARE FOR FIELD VERIFICATION PURPOSES ONLY.
7. AT ALL ABOVE GRADE, EXTERIOR FACE CMU JOINTS (ALL VISIBLE JOINTS ABOVE GRADE) MAKE BACK STRUCTURAL JOINTS. ALL FINISH JOINTS AND JOINT AND JOCK SCORING WITH FINISH GROUT PER GENERAL NOTE NO.4 ABOVE.
8. AT ALL 1/2" RADIUS CORN. EDGES, USE FLEXIBLE PRE-FORMED RADIUS NOSING: #6016 BY VINYLEX CORP., FROM CONCRETE SYSTEMS INC., ALBUQUERQUE NEW MEXICO.
9. ALL GLAZED CMU BLOCK IS DIMENSIONED FOR FULL COURSING. DO NOT CUT FACE OF GLAZED BLOCKS ALL BLOCK IS 8"x8"x16"(NOMINAL) WITH 1/4" SCORE FOR 8" SQUARE FACE MODULE AT STRAIGHT WALLS. RADIUS WALL TO BE 8"x8"x8"(NOMINAL) GLAZED RADIAL BLOCK W/ 8"x8"x16"(NOMINAL) BLOCK ENDS.
10. ALL CMU BLOCK TYPES ARE NOTED ON DRAWINGS.
11. BLOCK MANUFACTURER TO PROVIDE DETAILED BLOCK SCHEDULE FOR ARCHITECT'S SHOP DRAWING REVIEW.
12. NOTE! ALL ABOVE GRADE BLOCK JOINTS TO BE 1/4" WIDTH, UNLESS NOTED OTHERWISE.

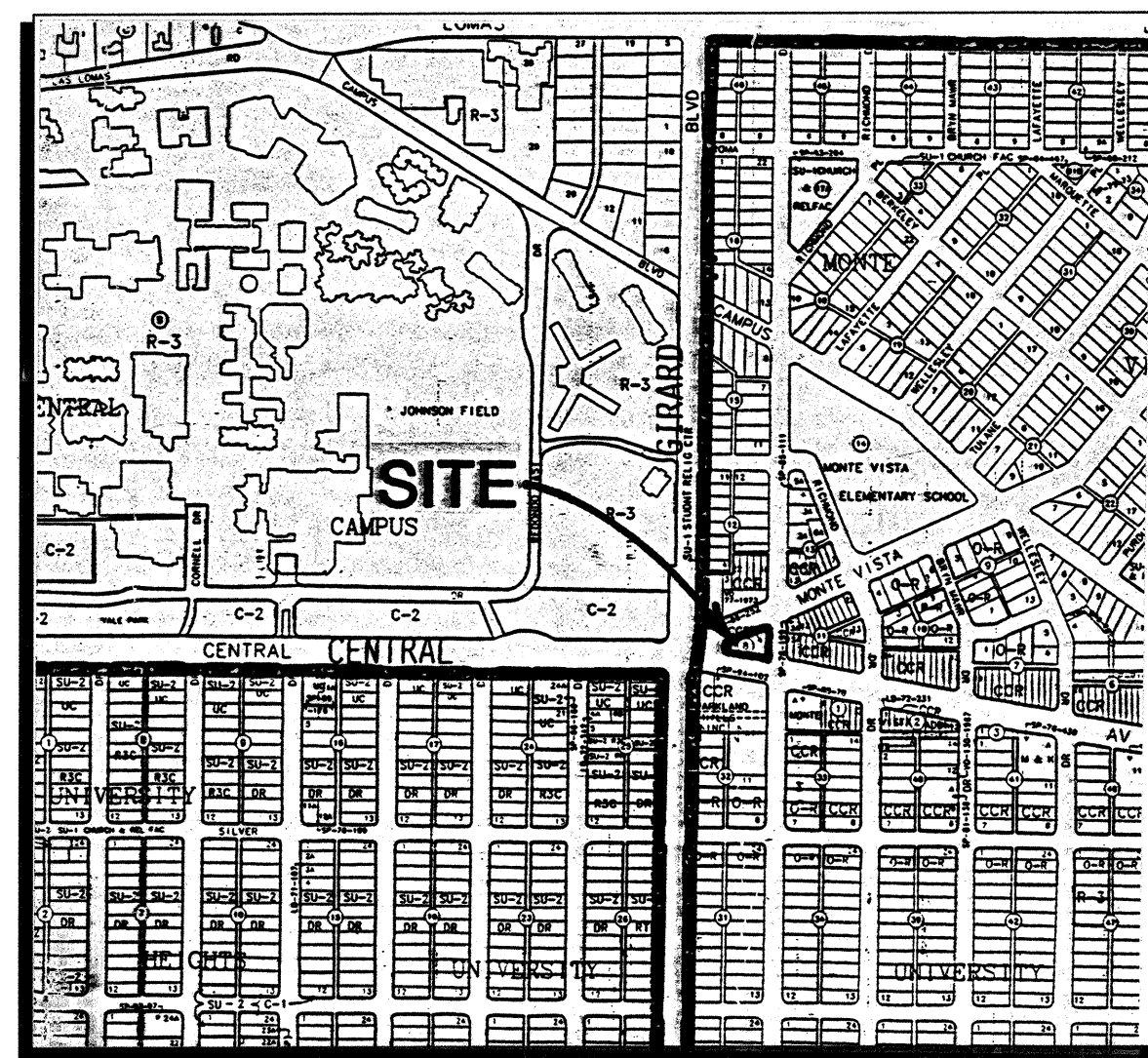
architecture planning interiors
6501 Americas Parkway NE Suite 675 505 888-3111
Albuquerque, New Mexico 87110 Fax 883-8050

Site Elevations/Details

DRAWING
NO.

	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
4718.92 K-16-Z		MAP NO. SHEET 4 OF 6		

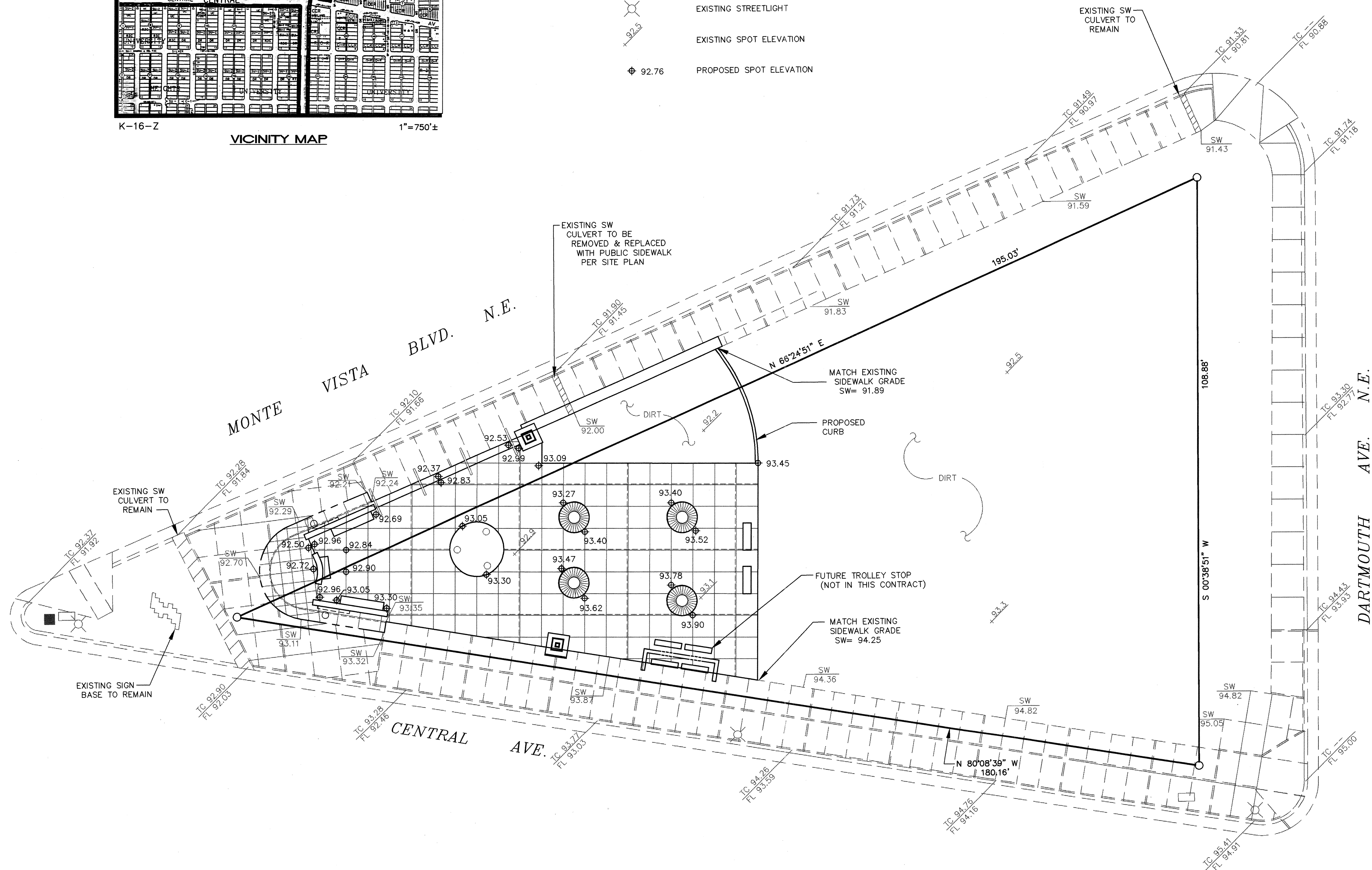
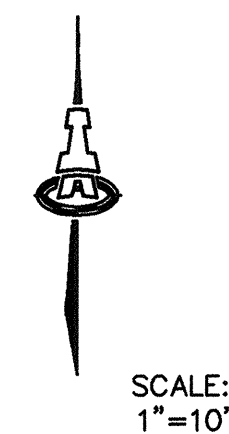
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PARK, PHASE 2 Details																	
GROUP																	
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 SURVEY INFORMATION<table><tr><th colspan="2">FIELD NOTES</th></tr><tr><th>NO.</th><th>DATE</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>						FIELD NOTES		NO.	DATE								
FIELD NOTES																	
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ENGINEER'S SEAL		BENCH MARKS CONTROL STATION "5-K16A, 1974 ACS" LOCATED 108.9 FT. WEST OF COLUMBIA DR. (NORTH OF CENTRAL AVE.) & 41.3 FT. NORTH OF CENTRAL AVE. STATION IS A 2" BRASS TABLET SET IN A DRILLED HOLE ON TOP OF SIDEWALK. ELEVATION = 5171.38															
AS BUILT INFORMATION CONTRACTOR WORK STARTED BY INSPECTION BY FIELD LOCATION BY DRAINING CORRECTED BY DATE DATE DATE DATE		MICRO-FILM INFORMATION RECORDED BY NO.															



K-16-Z
VICINITY MAP
1"=750'±

LEGEND

- TC 91.90
FL 91.45
EXISTING TOP OF CURB ELEVATION
EXISTING FLOWLINE ELEV
- SW
92.00
EXISTING TOP OF SIDEWALK ELEV
- EXISTING SIDEWALK CULVERT
- EXISTING CURB & GUTTER
- EXISTING STREETLIGHT
- EXISTING SPOT ELEVATION
- 92.76
PROPOSED SPOT ELEVATION



GENERAL NOTES

LEGAL DESCRIPTION: BLOCK 8, MONTE VISTA ADDITION
AREA: 19,350 SF = 0.444 ACRE
OFFSITE FLOWS: THE SITE IS COMPLETELY
SURROUNDED BY IMPROVED PUBLIC STREETS AND
DOES NOT ACCEPT ANY OFFSITE FLOW.

EXISTING CONDITIONS: THE SITE IS PRESENTLY
A VACANT DIRT LOT, BUT WAS PREVIOUSLY
DEVELOPED AS A GAS STATION. THE PREVIOUS
LAND USE WAS 100% IMPERVIOUS WITH 100-YR
RUNOFF EQUAL TO $(0.444)(4.70^{0.55}) = 2.1$ CFS

PROPOSED CONDITIONS: A PAVED PLAZA WITH SOME
LANDSCAPED PARK AREAS IS PROPOSED TO BE
CONSTRUCTED IN PHASES. THIS PHASE CONSISTS
OF 2,970 SF OF IMPERVIOUS SURFACE WHICH
IMPACTS THE RUNOFF AS FOLLOWS:

$$Q_p = (0.377)(3.14) + (0.067)(4.70) = 1.5 \text{ CFS}$$

THE PROPOSED DEVELOPMENT DOES NOT INCREASE
THE SITE RUNOFF AS COMPARED TO THE PREVIOUS
LAND USE. RUNOFF FROM THE EASTERN UNDEVELOPED
PORTION OF THE SITE WILL CONTINUE TO DRAIN TO
MONTE VISTA BLVD NE VIA THE EXISTING SIDEWALK
CULVERT AT THE NORTHEAST CORNER OF THE SITE.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS		DESIGN		CHECKED BY	
CONTRACTOR	DATE	CONTROL STATION	DATE	NO.	BY	NO.	DATE	NO.	DATE	SSM	MTD	DATE	DATE
WORK STARTED BY	DATE	CONTROL STATION "5-K16A, 1974 ACS" LOCATED 108.9 FT. WEST OF COLUMBIA DR. (NORTH OF CENTRAL AVE.) & 41.3 FT. NORTH OF CENTRAL AVE. STATION IS A 2" BRASS TABLET SET IN A DRILLED HOLE ON TOP OF SIDE WALK ELEVATION = 5171.38	DATE										
ACCEPTANCE BY	DATE												
FIELD DRAWING BY	DATE												
CORRECTED BY	DATE												
MICRO-FILM INFORMATION	DATE												
RECORDED BY	DATE												
NO.													

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico 87102
931BASE.DWG.mtd 11/22/96

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EAST CENTRAL TRIANGLE PARK, PHASE 2
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
APPROVED			
DESIGN REVIEW COMMITTEE			

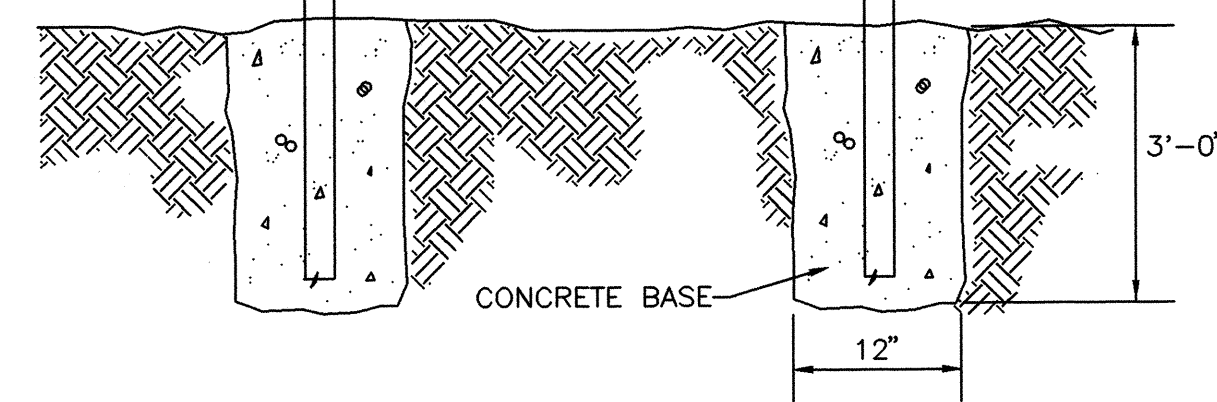
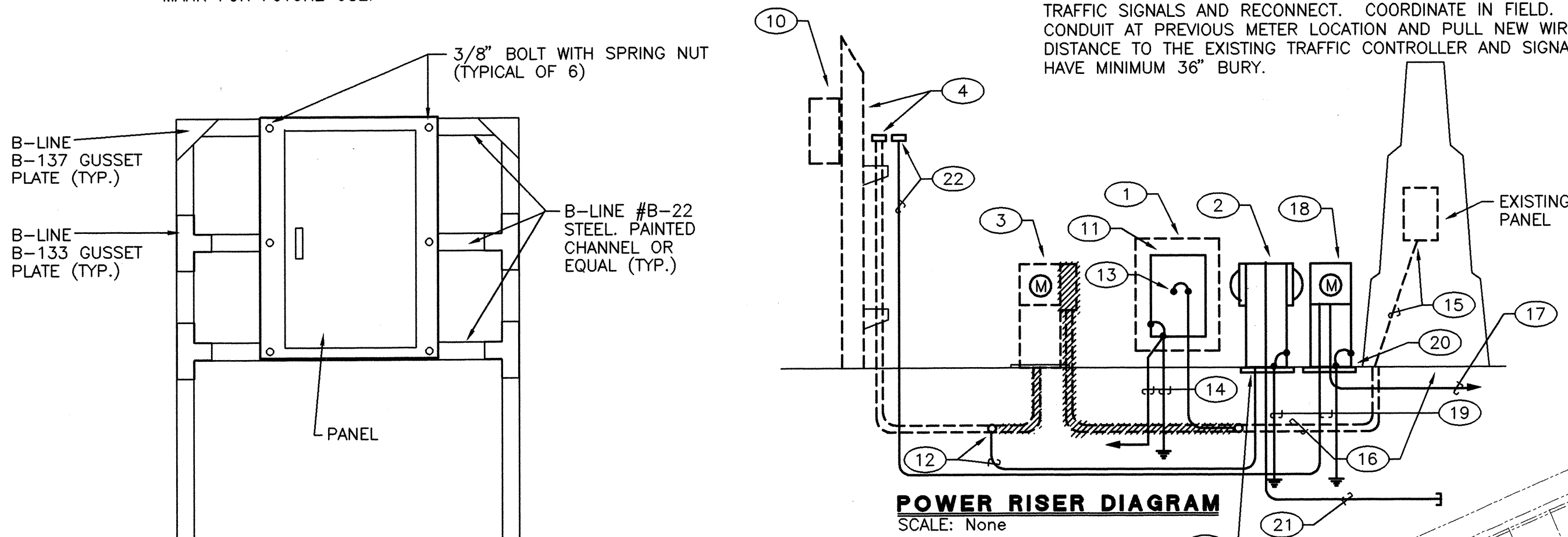
DRAWING NO. 4718.92 MAP NO. K-16-Z SHEET 5 OF 6

KEYED NOTES

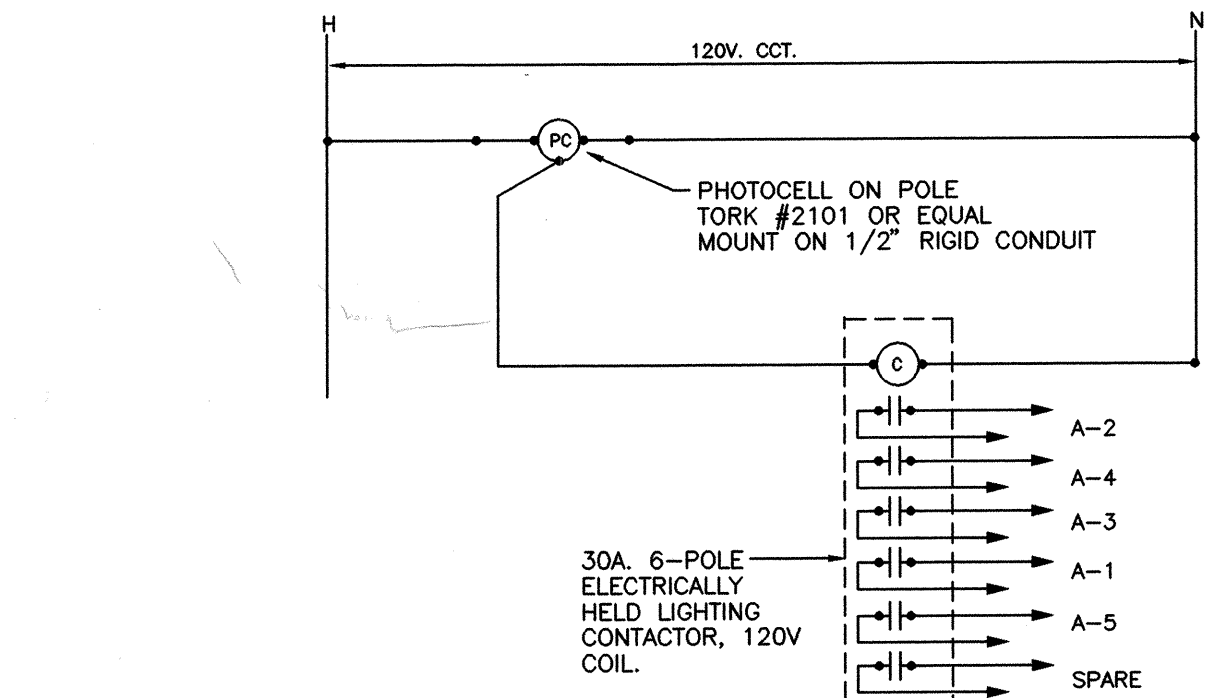
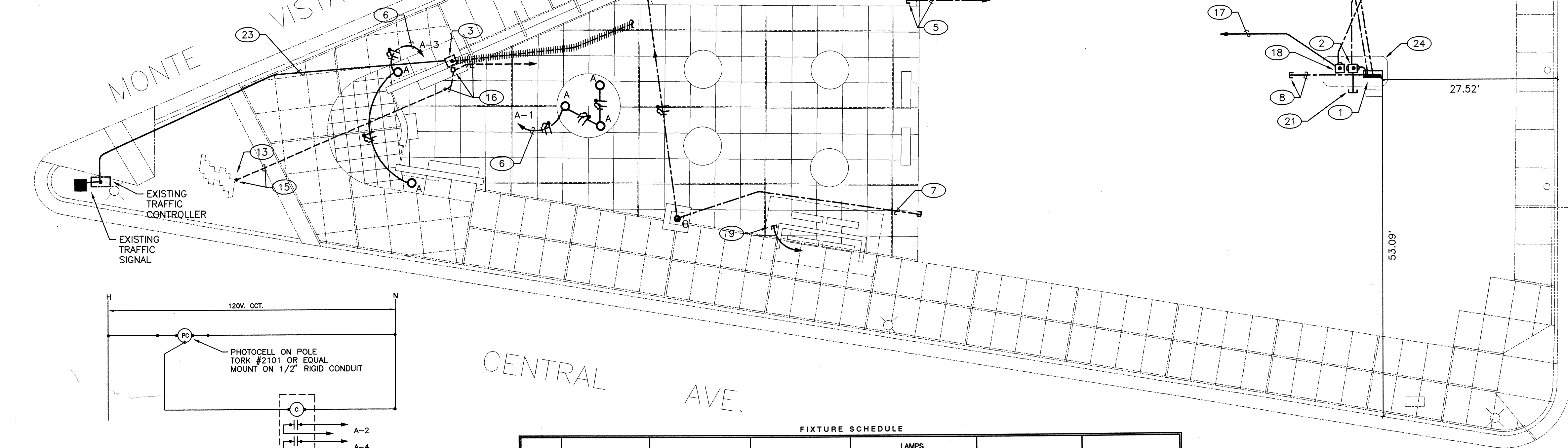
- NEMA 3R ENCLOSURE 24" X 36" X 10" WITH LOCKING COVER FOR NEW ELECTRICAL PANEL AND LIGHTING CONTACTOR. MOUNT TO RACK. DETAIL THIS SHEET. COORDINATE EXACT LOCATION WITH ARCHITECT.
- NEW LOCATION OF EXISTING METER PEDESTAL.
- EXISTING 120/240 VOLT, SINGLE-PHASE, THREE-WIRE, 100 AMP, DUAL-METER PEDESTAL TO BE RELOCATED PER KEYED NOTE #2. INTERCEPT EXISTING 2" UNDERGROUND CONDUIT AND EXTEND NEW 2" CONDUIT AND 3-#3/0 CONDUCTORS TO NEW METER LOCATION. THE EXISTING METERS CURRENTLY FEED TRAFFIC SIGNALS AND PASSAGEWAY LIGHTING. TRAFFIC SIGNALS AND PASSAGEWAY SHALL BE RE-CONNECTED PER RISER AND PLANS.
- EXISTING PNM POWER POLE AND EXISTING 2" RISER UP POLE. INTERCEPT EXISTING CONDUIT PER NOTE #12 AND EXTEND TO NEW LOCATION PER NOTE #2. PROVIDE NEW #3/0 CONDUCTORS THE ENTIRE LENGTH TO NEW METER LOCATION ABANDON EXISTING CONDUIT IN PLACE.
- CONTRACTOR SHALL PROVIDE 1" CONDUIT STUB FOR FUTURE CONNECTION TO CONCESSIONS. EXTEND TO NEW PANEL "A" LOCATED INSIDE OF WEATHERPROOF ENCLOSURE PER NOTE #1. CAP AND MARK FOR FUTURE USE.
- EXTEND CIRCUITS INDICATED THROUGH LIGHTING CONTACTOR LOCATED IN WEATHERPROOF ENCLOSURE PER NOTE #1. SEE DETAIL, THIS SHEET. CONTACTOR SHALL BE 30A/6P ELECTRICALLY-HELD, 120 VOLT.
- EXTEND 1" EMPTY CONDUIT FOR FUTURE EXTERIOR LIGHTING CONNECTION. CAP AND MARK FOR FUTURE USE.
- EXTEND 2" EMPTY CONDUIT FOR FUTURE ELECTRICAL CONNECTIONS. CAP AND MARK FOR FUTURE USE.
- PROVIDE 1" EMPTY CONDUIT, CAP AND MARK FOR FUTURE CONNECTION OF BUS STOP. EXTEND TO PANEL "A".
- EXISTING POLE-MOUNTED TRANSFORMER 75 KVA BY PNM.
- NEW, 120/240 VOLT, SINGLE-PHASE, THREE-WIRE, 200 AMP, SQ "D" NOOD OR EQUAL. PROVIDE 200 AMP MCB AND 20-CIRCUITS, (20A/1P) BREAKERS AND 1-100A/2P BREAKER FOR EXISTING PASSAGEWAY.
- INTERCEPT EXISTING 2" UNDERGROUND CONDUIT AND EXTEND TO NEW METER LOCATION AS INDICATED. SEE NOTE #4.
- DISCONNECT EXISTING PASSAGEWAY FROM BREAKER INSTALLED IN EXISTING METER PEDESTAL AND PROVIDE NEW, 100A/2P BREAKER, MAXIMUM SIZE, FIELD VERIFY EXACT REQUIREMENTS, IN NEW PANEL "A" AND RECONNECT AS REQUIRED.
- EXTEND 1-#6 COPPER GROUND TO NEW 10' X 3/4" GROUND ROD AND SERVICE GROUNDING ELECTRODES PER NEC ARTICLE #250.
- EXISTING FEEDER AND PANEL IN PASSAGEWAY. FIELD VERIFY LOCATION PRIOR TO BID. DISCONNECT EXISTING FEEDER AND REMOVE PER KEYED NOTE #13. INSTALL NEW FEEDER PER KEYED NOTE #16 AND RECONNECT PANEL SAME AS EXISTING.
- REMOVE EXISTING CONDUCTORS TO PASSAGEWAY, EXISTING CONDUIT BELOW GRADE (AT EXISTING METER), INSTALL COUPLING AND EXTEND NEW 1 1/2" CONDUIT, MINIMUM 24" BELOW GRADE TO NEW PANEL. INSTALL NEW 3-#1/0 + 1-#6 GROUND IN 1 1/2" CONDUIT CONTINUOUS FROM PASSAGEWAY PANEL TO PANEL PER KEYED NOTE #11.
- EXTEND 2" PVC, SCHEDULE 40 CONDUIT AND 4-#4 WIRE AS REQUIRED TO EXISTING TRAFFIC SIGNALS AND RECONNECT. COORDINATE IN FIELD. INTERCEPT EXISTING CONDUIT AT PREVIOUS METER LOCATION AND PULL NEW WIRE THE ENTIRE DISTANCE TO THE EXISTING TRAFFIC CONTROLLER AND SIGNAL. CONDUIT SHALL HAVE MINIMUM 36" BURY.
- PROVIDE NEW PEDESTAL METERING PER PNM DRAWING #DS-19-84-0, 100A, 120/240V, SINGLE-PHASE.
- PROVIDE GROUND WIRE, #6 TO 5/8" X 8'-0" COPPER GROUND ROD PER NEC ARTICLE 250.
- PROVIDE CONCRETE PAD PER PNM DRAWING #DS-19-84.0.
- PROVIDE 2" EMPTY CONDUIT STUB-OUT FOR FUTURE CONNECTION OF POLICE SUB-STATION. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATIONS. CAP AND MARK FOR FUTURE USE.
- PROVIDE NEW 2" SECONDARY CONDUIT AND #4 CONDUCTORS UP EXISTING POLE. INSTALL PER PNM REQUIREMENTS. EXTEND CONDUIT UNDERGROUND TO NEW METER PEDESTAL.
- EXISTING CONDUIT WITH WIRE FROM EXISTING TRAFFIC CONTROLLER. INTERCEPT EXISTING CONDUIT AND EXTEND TO NEW METER LOCATION. PROVIDE NEW WIRE PER NOTE #17.
- INSTALL METERS AS REQUIRED TO ALLOW FOR READING OF METER BY PNM. COORDINATE CLEARANCE WITH ARCHITECT AND FUTURE CONSTRUCTION. METERS SHALL BE SPACED 3" APART FROM EACH OTHER.

SEQUENCE OF INSTALLATION

THE ELECTRICAL CONTRACTOR SHALL SEQUENCE DOWNTIME OF TRAFFIC SIGNALS TO ALLOW FOR ELECTRICAL RE-CONNECTION OF THE TRAFFIC SIGNALS. DOWNTIME SHALL BE KEPT TO A MINIMUM AND SHALL BE DONE DURING LOW-TRAFFIC FLOW. COORDINATE WITH CITY TRAFFIC ENGINEER TO COORDINATE SWITCH OVER AND DOWNTIME. COORDINATE WITH APD TO PROVIDE OFF-DUTY POLICE OFFICER TO DIRECT TRAFFIC. POLICE OFFICER SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW METER AND CONDUIT TO THE EXISTING METER LOCATION PRIOR TO SWITCHOVER. AT THE TIME OF SWITCHOVER, THE CONTRACTOR SHALL MAKE SPLICE FROM NEW CONDUIT TO THE EXISTING TRAFFIC CONTROLLER CONDUIT AND PULL WIRE TO MAKE CONNECTIONS TO THE EXISTING TRAFFIC CONTROLLER.



FREE STANDING PANEL DETAIL
SCALE: None



EXTERIOR LIGHTING CONTROL DIAGRAM
SCALE: None

FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOGUE #	DESCRIPTION/LOCATION	LAMPS			MOUNTING INSTRUCTIONS	REMARKS
				TYPE	WATTS	QTY.		
A	BRONZELITE	#GMA-6110-MH-FL-120-CMF-DO	IN-GROUND, HID	MH	100	1	IN-GROUND PER MANUFACTURER	
B	GARDCO	EH1413120250MH**	EXTERIOR, POLE LIGHT	MH	250	1	MOUNT ON 15' SQ STEEL POLE PER MANUFACTURER	*COLOR BY ARCH.

NOTE: COORDINATE ARCHITECTUAL DRAWINGS FOR SITE DIMENSIONS.

ELECTRICAL PLAN

SCALE: 1" = 10'-0"

ELECTRICAL SPECIFICATIONS

GENERAL PROVISIONS FURNISH ALL LABOR, MATERIALS, SERVICE EQUIPMENT AND APPLIANCES REQUIRED TO COMPLETE THE INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS AND THE CONTRACT DRAWINGS.

REGULATORY AGENCIES AND STANDARDS - INSTALLATION, MATERIALS, EQUIPMENT AND WORKMANSHIP SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF THE NATIONAL ELECTRIC CODE (NEC), AND THE NATIONAL ELECTRIC SAFETY CODE (NESC) AND THE TERMS AND CONDITIONS OF THE ELECTRIC UTILITY AND OTHER AUTHORITIES HAVING LAWFUL JURISDICTION PERTAINING TO THE WORK REQUIRED. ALL MATERIALS, APPLIANCES, EQUIPMENT OR DEVICES SHALL CONFORM TO THE APPLICABLE STANDARDS OF UNDERWRITERS LABORATORIES, INC. (U.L.)

MATERIALS - ALL MATERIALS AND EQUIPMENT SHALL BE THE PRODUCT OF THE SAME MANUFACTURER AND SHALL BE NEW.

EXECUTION - FABRICATION, ERECTION, AND INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER BY QUALIFIED PERSONNEL EXPERIENCED IN SUCH WORK AND SHALL PROCEED IN AN ORDERLY MANNER SO AS NOT TO HOLD UP THE PROGRESS OF THE PROJECT.

RACEWAYS, BOXES AND FITTINGS: ALL CONDUIT INSTALLED INTERIOR TO THE BUILDING SHALL BE EMT; ALL CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE PERFORMED USING FLEXIBLE CONDUIT. THE MINIMUM SIZE CONDUIT SHALL BE 1/2" AND HOMERUN BRANCH CIRCUITS SHALL BE INSTALLED IN 3/4" CONDUIT MINIMUM. ALL CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE AND ALL OUTLET BOXES SHALL BE INSTALLED FLUSH IN WALLS, UNLESS OTHERWISE INDICATED.

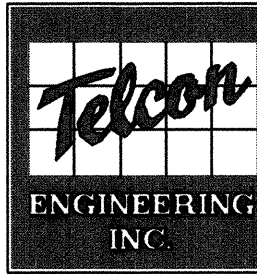
CONDUCTORS: ALL CONDUCTORS SHALL BE COPPER (ALUMINUM CONDUCTORS SHALL NOT BE ALLOWED) AND SHALL BE #12 MINIMUM. CONDUCTOR INSULATION SHALL BE TYPE THHN/THWN. ALL CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH THE NEC.

GROUNDING THE EQUIPMENT GROUND SYSTEM SHALL CONSIST OF METALLIC CONNECTIONS OF NON-CURRENT CARRYING METAL PARTS OF THE WIRING SYSTEM OF APPARATUS CONNECTED TO THE SYSTEM. ESTABLISH ONE COMMON GROUND POINT IN THE MAIN SERVICE EQUIPMENT BY INTERCONNECTING THE INSULATED NEUTRAL BUS (OR BAR), THE UNINSULATED EQUIPMENT GROUND BUS (OR BAR), AND SERVICE GROUNDING ELECTRODE CONDUCTOR. INSTALL A NEUTRAL DISCONNECTING MEANS IN THE MAIN SERVICE EQUIPMENT FOR DISCONNECTING AND ISOLATING THE NEUTRAL BUS FROM THE COMMON GROUND. THE DISCONNECTING MEANS MAY BE DISCONNECTING LINKS IN THE INTERCONNECTION BETWEEN THE INSULATED NEUTRAL AND UNINSULATED EQUIPMENT GROUND. PROVIDE AN INSULATED NEUTRAL BAR, SEPARATE FROM THE UNINSULATED EQUIPMENT GROUND BAR, IN ALL PANELBOARDS, DISCONNECT SWITCHES, CABINETS, ETC., WHICH HAVE NEUTRAL CONNECTIONS.

PANELBOARDS DEAD FRONT, SAFETY TYPE WITH VOLTAGE RATINGS AS SCHEDULED. PANELBOARDS SHALL BE OF THE TYPE REQUIRED FOR THE SHORT CIRCUIT AND DUTY RATINGS INDICATED ON THE DRAWINGS OR SPECIFIED. ALL PANELBOARDS SHALL HAVE A NEUTRAL BUS AND A GROUND BUS. PANELBOARDS SHALL BE CIRCUIT BREAKER AS SCHEDULED, UNLESS OTHERWISE NOTED. PANELS SHALL BE DOOR-IN-DOOR. THE DOOR OVER THE INTERIOR OF THE PANEL SHALL BE PROVIDED WITH HINGES AND COMBINED LOCK AND LATCH. MOLDED CASE AS SCHEDULED OR REQUIRED. PROVIDE QUICK MAKE AND QUICK BREAK TOGGLE MECHANISM, INVERSE TIME TRIP CHARACTERISTICS AND TRIP FREE OPERATION ON OVERLOAD OR SHORT CIRCUIT. STAB IN TYPE NOT PERMITTED. PROVIDE TYPEWRITTEN CIRCUIT DESCRIPTIONS REFERENCING PERMANENT ROOM NUMBERING ASSIGNED. ALL BUS BARS SHALL BE COPPER.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **EAST CENTRAL TRIANGLE PARK, PHASE 2**
Electrical Plan

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVE	JAN - 6 1997	DESIGN REVIEW COMMITTEE			
DRAWING NO.	4718.92	MAP NO.	K-16-Z	SHEET	6 OF 6