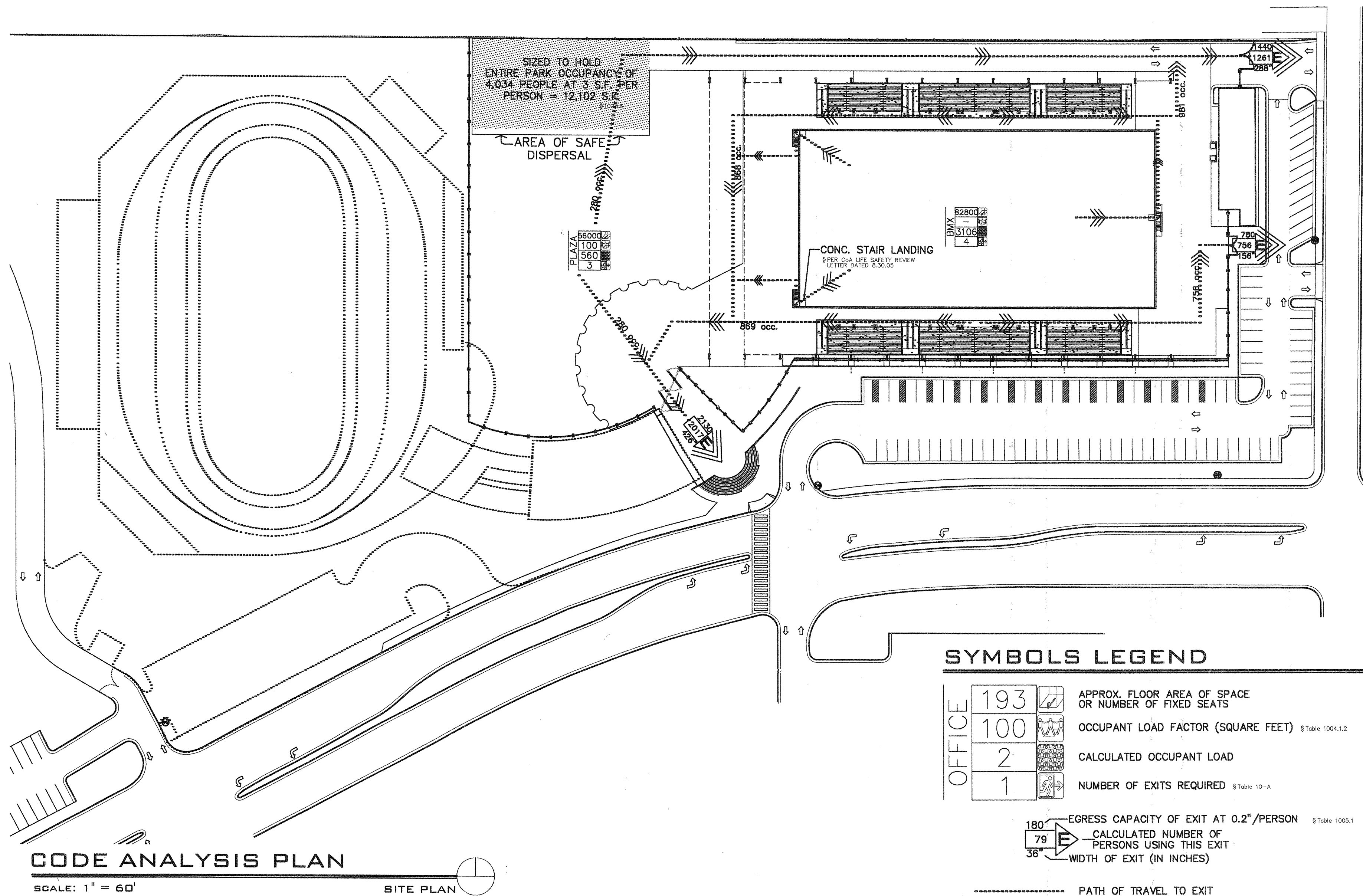


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OCTOBER 11, 2005

35 E101 LIGHTING SITE PLAN
36 E102 LIGHTING FLOOR PLAN

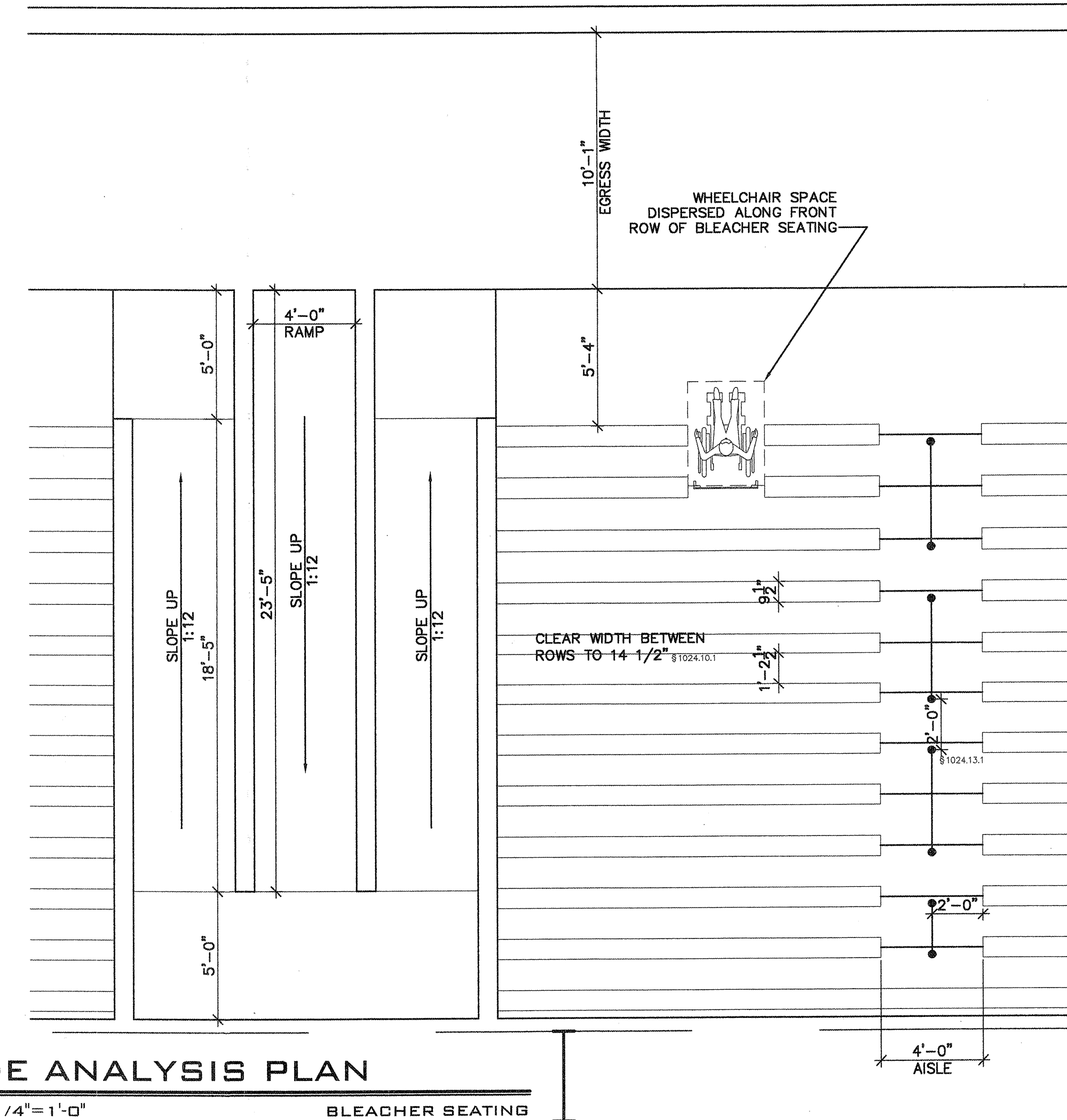
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CODE ANALYSIS PLAN

SCALE: 1/4" = 1'-0"

BLEACHER SEATING



CODE INFORMATION

2003 INTERNATIONAL BUILDING CODE
ICC/ANSI 117.1

Occupancy Group:	A-5, Outdoor Assembly § 503.1
Construction:	TYPE II-B (NON-RATED CONSTRUCTION) § Table 601 § 602.2
Floor Area:	<div> <div> <div>A-5 II-B</div> <div>Unlimited</div> <div>Allowable</div> </div> <div> <div>82,800'</div> <div>Actual</div> </div> </div>
Allowable Number of Floors:	Unlimited § Table 503
Allowable Height:	<div> <div>55'-0"</div> <div>Allowable</div> </div> <div> <div>51'-3"</div> <div>Actual</div> </div>
Area Separations Required:	NONE
Fire Resistance:	NON-RATED BUILDING ELEMENTS § Table 601 EXTERIOR WALLS < 10' FROM ANY PLATTED OR ASSUMED L MUST BE 1hr RATED CONSTRUCTION § Table 602
Fire Protection:	ACCESSORY USE AREAS IN EXCESS OF 1,000sf SHALL BE PROTECTED BY AUTOMATIC SPRINKLER SYSTEM § 903.2.1.5
Occupant Load:	TRACK AREA @ 45,000sf / 100 = 450 occ. § Table 1004.1.2 SEATING AREA - 3,024 fixed seats = 3,024 occ. § 1004.7 PLAZA AREA @ 56,000sf / 100 = 560 occ. TOTAL = 4,034 occ.
Maximum Travel Distances From the Exit Access to the Exit Permitted:	400' § 1024.7 a.2 210'
Minimum Number of Exits Required:	3 EXITS REQUIRED FROM TRACK AREA 4 EXITS TOTAL FROM PAVILION § Table 1018.1

FIRE EXTINGUISHERS

2003 INTERNATIONAL FIRE CODE
Table 906.3.(1)

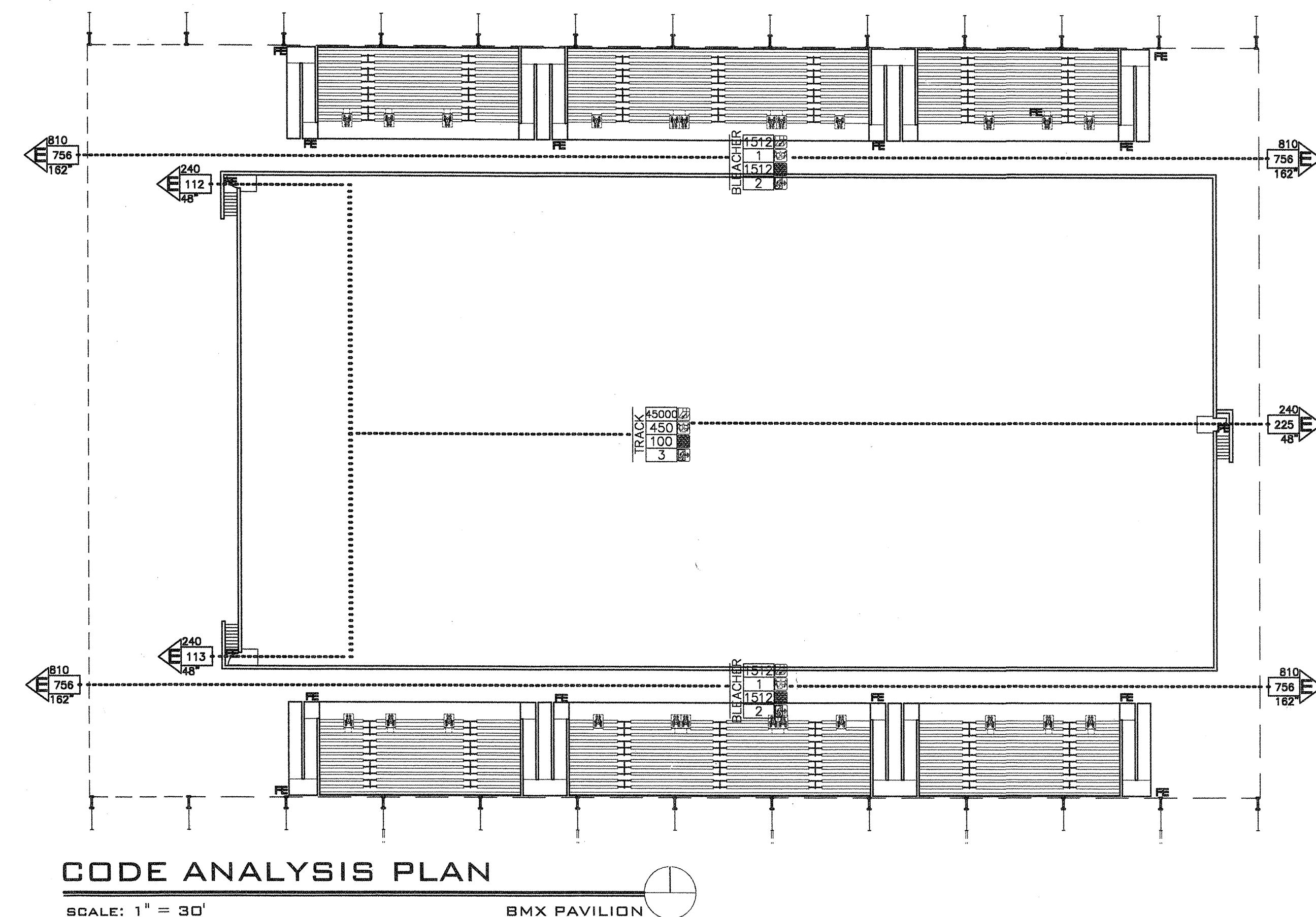
Low Hazard Occupancy		3,000sf for each unit of A
Fire Extinguishers		82,800sf Building Area
Symbol	Type	14 REQUIRED
FE	Fire Extinguisher 2A-10BC	15 PROVIDED

PLUMBING

2003 INTERNATIONAL BUILDING CODE
Chapter 29

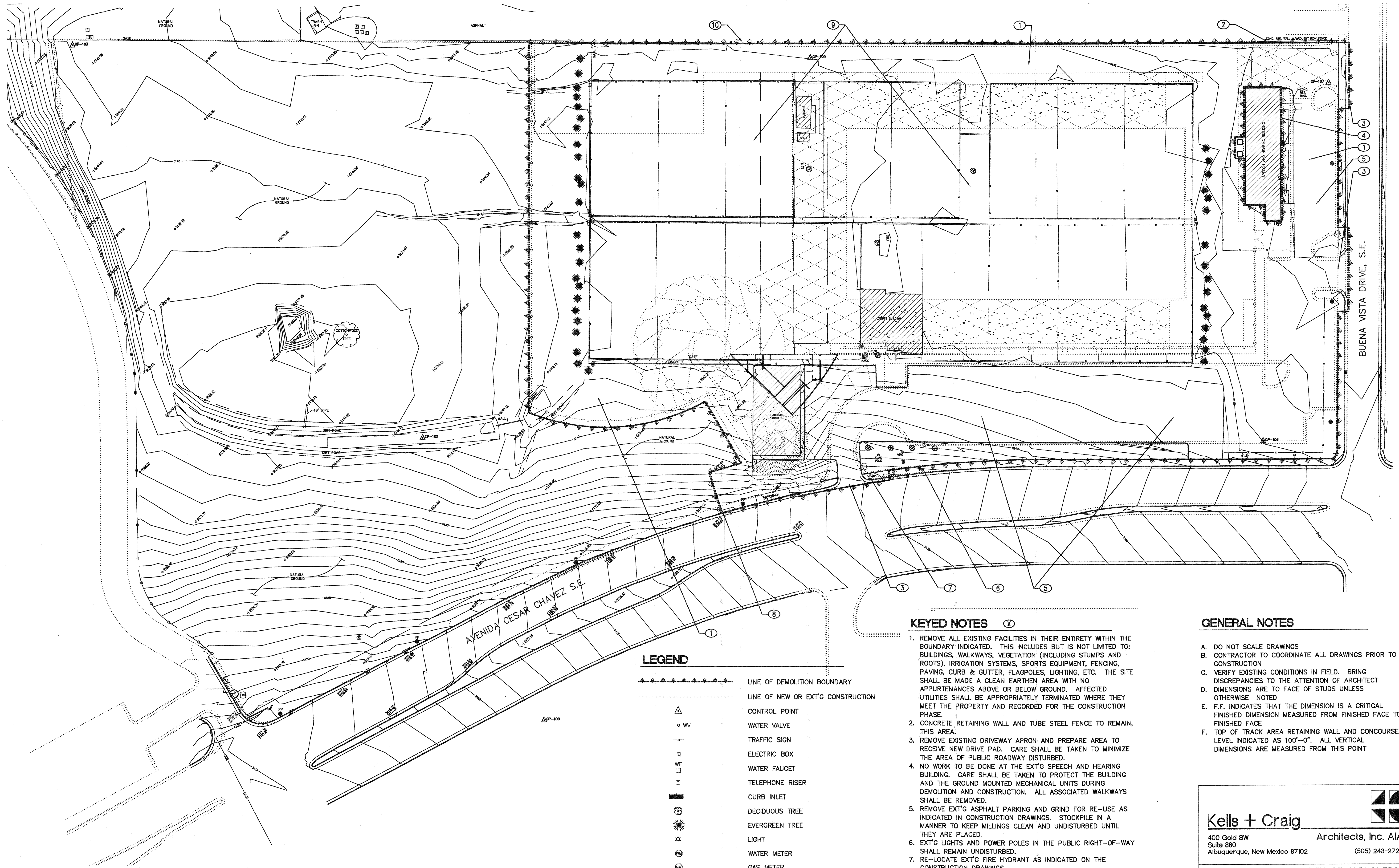
A-5 Gymnasium		Occupants		Male	Female
		1400		700	700
				Male	Female
				1:75	1:40
				1:200	1:150
				1 per 1000	
				REQUIRED	PROVIDED
				11	18
				4	5
				4	5
				2	

BMX PAVILION WILL REACH MAXIMUM OCCUPANT LOADING ONLY DURING REGIONAL AND NATIONAL COMPETITIONS. THESE COMPETITIONS WILL ONLY OCCUR TWICE A YEAR. PHASE ONE BUILD OUT WILL PROVIDE PERMANENT TOILET FACILITIES FOR 1,400 OF THE 2,656 TOTAL OCCUPANT LOAD AND ON THESE LARGE SCALE EVENTS THE USER WILL PROVIDE PORTABLE TOILETS AS REQUIRED FOR THE BALANCE OF THE FIXTURES NEEDED. § PER C.O.A. APPROVED LETTER DATED 8-29-05



AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECTS STAMP		REVISIONS/REMARKS BY		DESIGNED BY:		DRAWN BY:		CHECKED BY:	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	DATE:	NO.	BY	DATE:	DATE:	NO.	DATE:	NO.	DATE:	NO.	DATE:	NO.	DATE:
WORK STAGED BY	DATE:		DATE:												
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RECORDED BY	DATE:		DATE:												
NO.															

G. DONALD DUDLEY AIA ARCHITECT SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 8 7 1 0 2 TEL 505.243.8100 FAX 505.243.8101		Kells + Craig Architects, Inc. AIA 400 Gold SW Suite 880 Albuquerque, New Mexico 87102 (505) 243-2724	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
TITLE: ALBUQUERQUE BICYCLE PARK PH. 1			
Design Review Committee City Engineer Approval	Last Design Update	NO./DAY/YR. NO./DAY/YR.	NO./DAY/YR. NO./DAY/YR.
City Project No. 7345-90	Zone Map No. L-15-Z	Sheet 2 G101	Of 69



1
D101
SITE DEMOLITION PLAN
SCALE: 1"=40'
NORTH

SURVEY INFORMATION FOR SITE DEMOLITION PLAN ASSIMILATED FROM DIGITAL SURVEY PROVIDED BY THE CITY OF ALBUQUERQUE 8/19/2004 ENTITLED SX4614019x1.DWG. ARCHITECT IS NOT RESPONSIBLE FOR ANY INACCURACIES OR DISCREPANCIES AND SHALL BE NOTIFIED UPON THE DISCOVERY THEREOF.

BENCHMARK: BENCHMARK USED IS AN ACS 1-3/4" ALUMINUM DISK STAMPED "ACS BM, 25-L16", EPOXIED TO TOP OF CONCRETE CURB NNE QUADRANT OF YALE BLVD. & SANTA CLARA AVE., S.E. ELEVATION 5154.02

- LEGEND**
- LINE OF DEMOLITION BOUNDARY
 - LINE OF NEW OR EXT'G CONSTRUCTION
 - CONTROL POINT
 - WATER VALVE
 - TRAFFIC SIGN
 - ELECTRIC BOX
 - WATER FAUCET
 - TELEPHONE RISER
 - CURB INLET
 - DECIDUOUS TREE
 - EVERGREEN TREE
 - LIGHT
 - WATER METER
 - GAS METER
 - POWER POLE
 - SANITARY CLEAN-OUT
 - OVERHEAD POWER LINES
 - PIPE FENCE
 - CHAIN LINK FENCE
 - WIRE FENCE
 - CONCRETE

- KEYED NOTES** (X)
1. REMOVE ALL EXISTING FACILITIES IN THEIR ENTIRETY WITHIN THE BOUNDARY INDICATED. THIS INCLUDES BUT IS NOT LIMITED TO: BUILDINGS, WALKWAYS, VEGETATION (INCLUDING STUMPS AND ROOTS), IRRIGATION SYSTEMS, SPORTS EQUIPMENT, FENCING, PAVING, CURB & GUTTER, FLAGPOLES, LIGHTING, ETC. THE SITE SHALL BE MADE A CLEAN EARTHEN AREA WITH NO APPURTENANCES ABOVE OR BELOW GROUND. AFFECTED UTILITIES SHALL BE APPROPRIATELY TERMINATED WHERE THEY MEET THE PROPERTY AND RECORDED FOR THE CONSTRUCTION PHASE.
 2. CONCRETE RETAINING WALL AND TUBE STEEL FENCE TO REMAIN, THIS AREA.
 3. REMOVE EXISTING DRIVEWAY APRON AND PREPARE AREA TO RECEIVE NEW DRIVE PAD. CARE SHALL BE TAKEN TO MINIMIZE THE AREA OF PUBLIC ROADWAY DISTURBED.
 4. NO WORK TO BE DONE AT THE EXT'G SPEECH AND HEARING BUILDING. CARE SHALL BE TAKEN TO PROTECT THE BUILDING AND THE GROUND MOUNTED MECHANICAL UNITS DURING DEMOLITION AND CONSTRUCTION. ALL ASSOCIATED WALKWAYS SHALL BE REMOVED.
 5. REMOVE EXT'G ASPHALT PARKING AND GRIND FOR RE-USE AS INDICATED IN CONSTRUCTION DRAWINGS. STOCKPILE IN A MANNER TO KEEP MILLINGS CLEAN AND UNDISTURBED UNTIL THEY ARE PLACED.
 6. EXT'G LIGHTS AND POWER POLES IN THE PUBLIC RIGHT-OF-WAY SHALL REMAIN UNDISTURBED.
 7. RE-LOCATE EXT'G FIRE HYDRANT AS INDICATED ON THE CONSTRUCTION DRAWINGS.
 8. EXT'G FENCE TO BE REMOVED TO THIS POINT.
 9. REMOVE EXT'G ASPHALT TENNIS COURTS AND GRIND FOR RE-USE AS INDICATED IN CONSTRUCTION DRAWINGS. STOCKPILE IN A MANNER TO KEEP MILLINGS CLEAN AND UNDISTURBED UNTIL THEY ARE PLACED.
 10. EXT'G CHAIN LINK FENCE SHALL BE PROTECTED AND REMAIN UNDISTURBED DURING DEMOLITION AND CONSTRUCTION.
 - 11.
 - 12.
 - 13.

- GENERAL NOTES**
- A. DO NOT SCALE DRAWINGS
 - B. CONTRACTOR TO COORDINATE ALL DRAWINGS PRIOR TO CONSTRUCTION
 - C. VERIFY EXISTING CONDITIONS IN FIELD. BRING DISCREPANCIES TO THE ATTENTION OF ARCHITECT
 - D. DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED
 - E. F.F. INDICATES THAT THE DIMENSION IS A CRITICAL FINISHED DIMENSION MEASURED FROM FINISHED FACE TO FINISHED FACE
 - F. TOP OF TRACK AREA RETAINING WALL AND CONCOURSE LEVEL INDICATED AS 100'-0". ALL VERTICAL DIMENSIONS ARE MEASURED FROM THIS POINT

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL
DEVELOPMENT

TITLE:
ALBUQUERQUE BICYCLE PARK PH. 1

Design Review Committee	City Engineer Approval	MD/DAY/YR	MD/DAY/YR

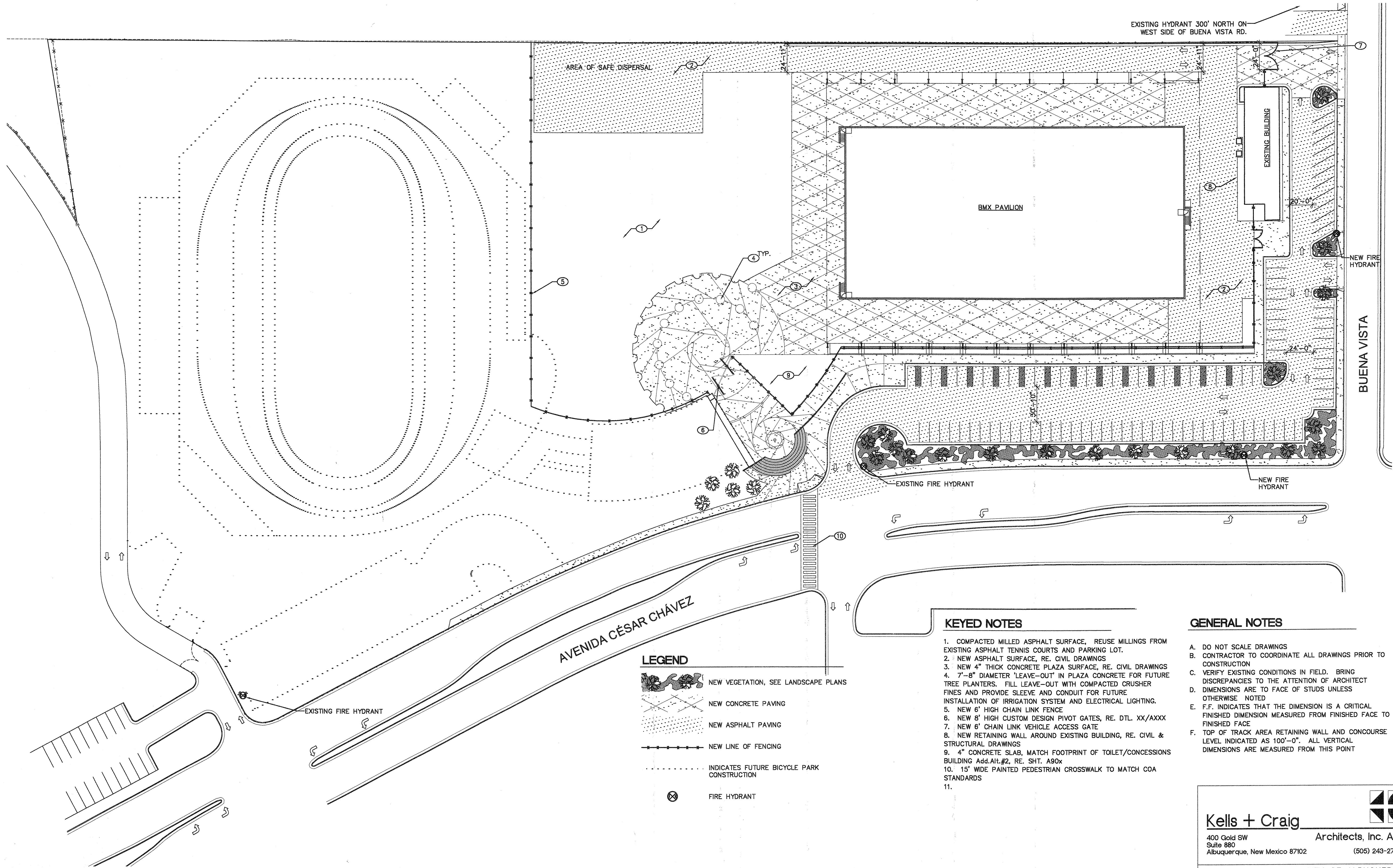
City Project No. 7345-90 Zone Map No. L-15-Z Sheet 3 Of 69
Last Design Update
D101

SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
FIELD NOTES		ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15		CONTRACTOR	
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				RECORDED BY	DATE:
				NO.	DATE:

DESIGNED BY: DATE:

DRAWN BY: DATE:

CHECKED BY: DATE:



1 SITE PLAN
AS101
SCALE: 1"=40'-0"

KEYED NOTES

1. COMPACTED MILLED ASPHALT SURFACE, REUSE MILLINGS FROM EXISTING ASPHALT TENNIS COURTS AND PARKING LOT.
2. NEW ASPHALT SURFACE, RE. CIVIL DRAWINGS
3. NEW 4" THICK CONCRETE PLAZA SURFACE, RE. CIVIL DRAWINGS
4. 7"-8" DIAMETER 'LEAVE-OUT' IN PLAZA CONCRETE FOR FUTURE TREE PLANTERS. FILL LEAVE-OUT WITH COMPACTED CRUSHER FINES AND PROVIDE SLEEVE AND CONDUIT FOR FUTURE INSTALLATION OF IRRIGATION SYSTEM AND ELECTRICAL LIGHTING.
5. NEW 6' HIGH CHAIN LINK FENCE
6. NEW 8' HIGH CUSTOM DESIGN PIVOT GATES, RE. DTL. XX/AXXX
7. NEW 6' CHAIN LINK VEHICLE ACCESS GATE
8. NEW RETAINING WALL AROUND EXISTING BUILDING, RE. CIVIL & STRUCTURAL DRAWINGS
9. 4" CONCRETE SLAB, MATCH FOOTPRINT OF TOILET/CONCESSIONS BUILDING Add.Alt.#2, RE. SHT. A90x
10. 15' WIDE PAINTED PEDESTRIAN CROSSWALK TO MATCH COA STANDARDS
- 11.

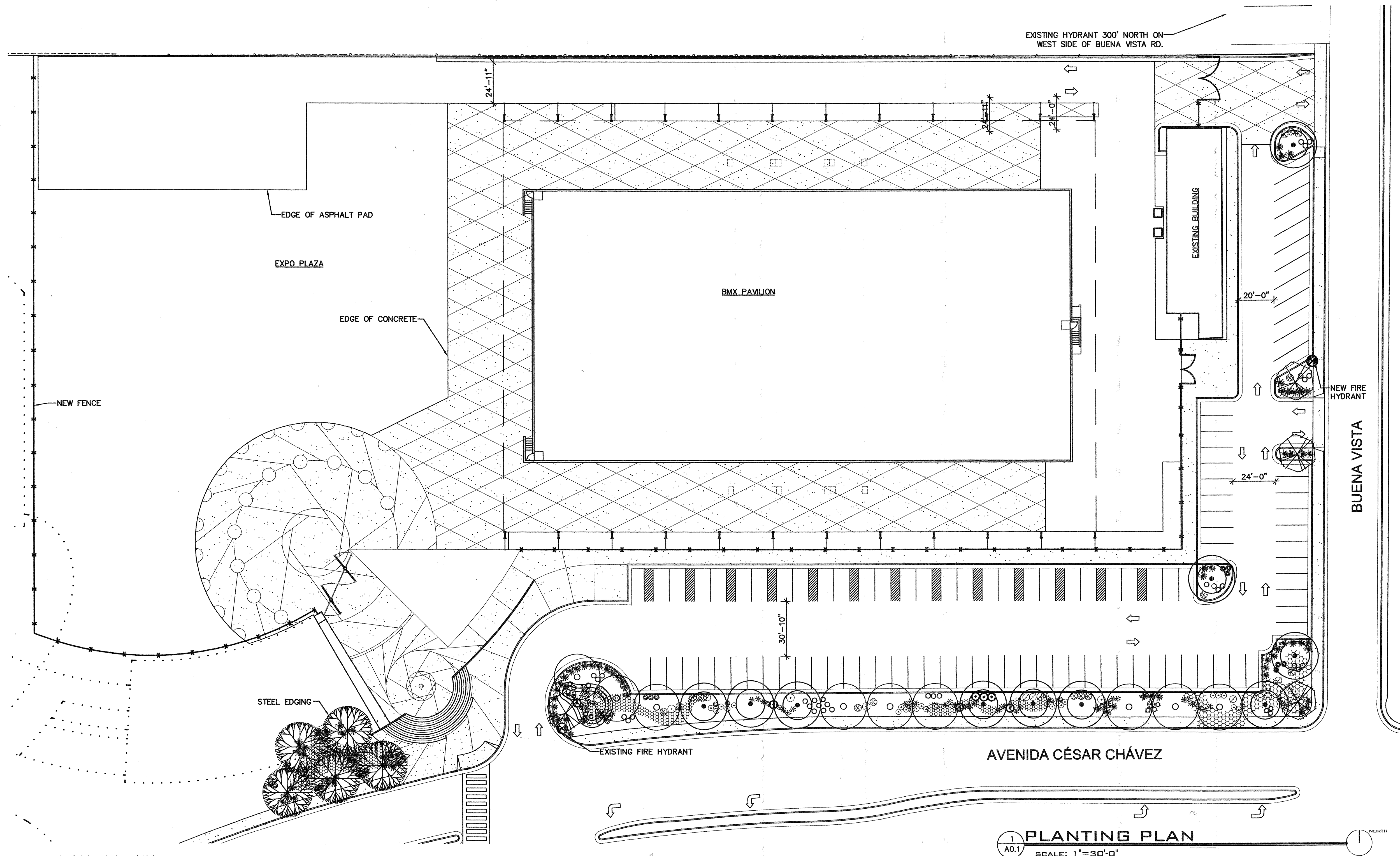
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AFD PLANS CHECKING OFFICE
624-3811
APPROVED/NOT APPROVED
HYDRANT(S) ONLY
10-5-08
SIGNATURE & DATE

Kells + Craig 400 Gold SW Suite 880 Albuquerque, New Mexico 87102 (505) 243-2724		G. DONALD DUDLEY AIA ARCHITECT SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 8 7 1 0 2 TEL 505.243.8100 FAX 505.243.8101	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
TITLE: ALBUQUERQUE BICYCLE PARK PH. 1			
Design Review Committee	City Engineer Approval	MO/YEAR/YR	MO/YEAR/YR
City Project No. 7345-90		Zone Map No. L-15-Z	Sheet 2 Of 69 AS101

SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
FIELD NOTES		ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15		CONTRACTOR	
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				RECORDED BY	NO.



PLANT LEGEND

Symbol	Scientific Name Common Name	Size	Remarks	Water Use
Trees				
	<i>Amelanchier canadensis</i> "Autumn Brilliance"/Autumn Brilliance Serviceberry	1 3/4" MT B&B	5' ht. x 3' spr.	Medium
	<i>Fraxinus oxycarpa</i> Raywood/ Raywood Ash	2" B&B	14' ht. x 6' spr. 35' ht. x 30' spr.	Medium+
	<i>Pinus leucodermis</i> / Bosnian Pine	B&B	6' min ht. 20' ht. x 30' spr.	Medium
	<i>Platanus mexicana</i> / Mexican Sycamore	2 1/2" B&B	16' ht. x 6' spr. 10' ht. x 60' spr.	Medium
	<i>Pyrus calleryana</i> / Ornamental Pear	2" B&B	8' ht. x 3' spr. 20' ht. x 15' spr.	Low
Shrubs/Groundcovers				
	<i>Caryopteris clandonensis</i> / Blue Mist	5-Gal.	3' o.c. 3' ht. x 3' spr.	Medium
	<i>Chrysothamnus nauseosus</i> / Chamisa	1-Gal.	5' o.c. 4' ht. x 4' spr.	Low
	<i>Cotoneaster apiculatus</i> / Cranberry Cotoneaster	5-Gal.	4' o.c. 3' ht. x 4' spr.	Medium
	<i>Hesperaloe parviflora</i> / Red Yucca	1-Gal.	3' o.c. 3' ht. x 3' spr.	Medium
	<i>Oenothera speciosa</i> / Mexican Evening Primrose	1-Gal.	4' o.c. 1' ht. x 4' spr.	Low +

	<i>Perovskia atriplicifolia</i> / Russian Sage	1-Gal.	5' o.c. 4' ht. x 5' spr.	Medium
	<i>Rosmarinus officinalis</i> / Rosemary	1-Gal.	3' o.c. 3' ht. x 3' spr.	Low +
	<i>Salvia greggii</i> / Cherry Sage	1-Gal.	3' o.c. 3' ht. x 3' spr.	Medium
Ornamental Grasses				
	<i>Calamagrostis acutiflora</i> / Karl Forster Feather Reed Grass	5-Gal.	3' o.c. 3' ht. x 3' spr.	Medium
	<i>Muhlenbergia cap. Regal Mist</i> / Muhly Grass	1-Gal.	3' o.c. 3' ht. x 3' spr.	Low +
	<i>Nassella tenuissima</i> / Threadgrass	1-Gal.	3' o.c. 3' ht. x 3' spr.	Low +
Ground cover (1 and 5 gallon)				
	<i>Cotoneaster horizontalis</i> /Spreading Cotoneaster			
	<i>Hedera helix</i> /English Ivy			
	Moss Rock Boulders			
	6" Cobble			

MULCHES

All shrub planting areas shall be top dressed with crusher fines, 3/4" Santa Fe Brown Rock Mulch, 2" - 4" Santa Ana Tan Cobble

IRRIGATION SYSTEM

Irrigation system standards outlined in the Water Conservation Landscaping and Water Waste Ordinance shall be strictly adhered to. A fully automated irrigation system will be used to irrigate tree, shrub and groundcover planting areas.

MAINTENANCE RESPONSIBILITY

Maintenance of the landscaping and irrigation system, including those areas within the public ROW, shall be the responsibility of the Owner.

STATEMENT OF WATER WASTE

The Landscape Plan for this site shall limit the provision of high water use turf to a maximum of 20 percent of the provided landscape area.

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL
DEVELOPMENT

TITLE:
ALBUQUERQUE BICYCLE PARK PH. 1

Design Review Committee City Engineer Approval

City Project No.

7345-90

Zone Map No.

L-15-Z

Sheet 2 Of 69

L101

NO. DATE		REVISIONS/REMARKS	BY	ARCHITECTS STAMP	SURVEY INFORMATION		BENCH MARK		ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE		CONTRACTOR	DATE	
				PRILIMINARY DRAWING NOT FOR CONSTRUCTION	FIELD NOTES		NO.	BY	DATE	CONTROL SURVEY MONUMENT: 7-L15	WORK STAKED BY	DATE	
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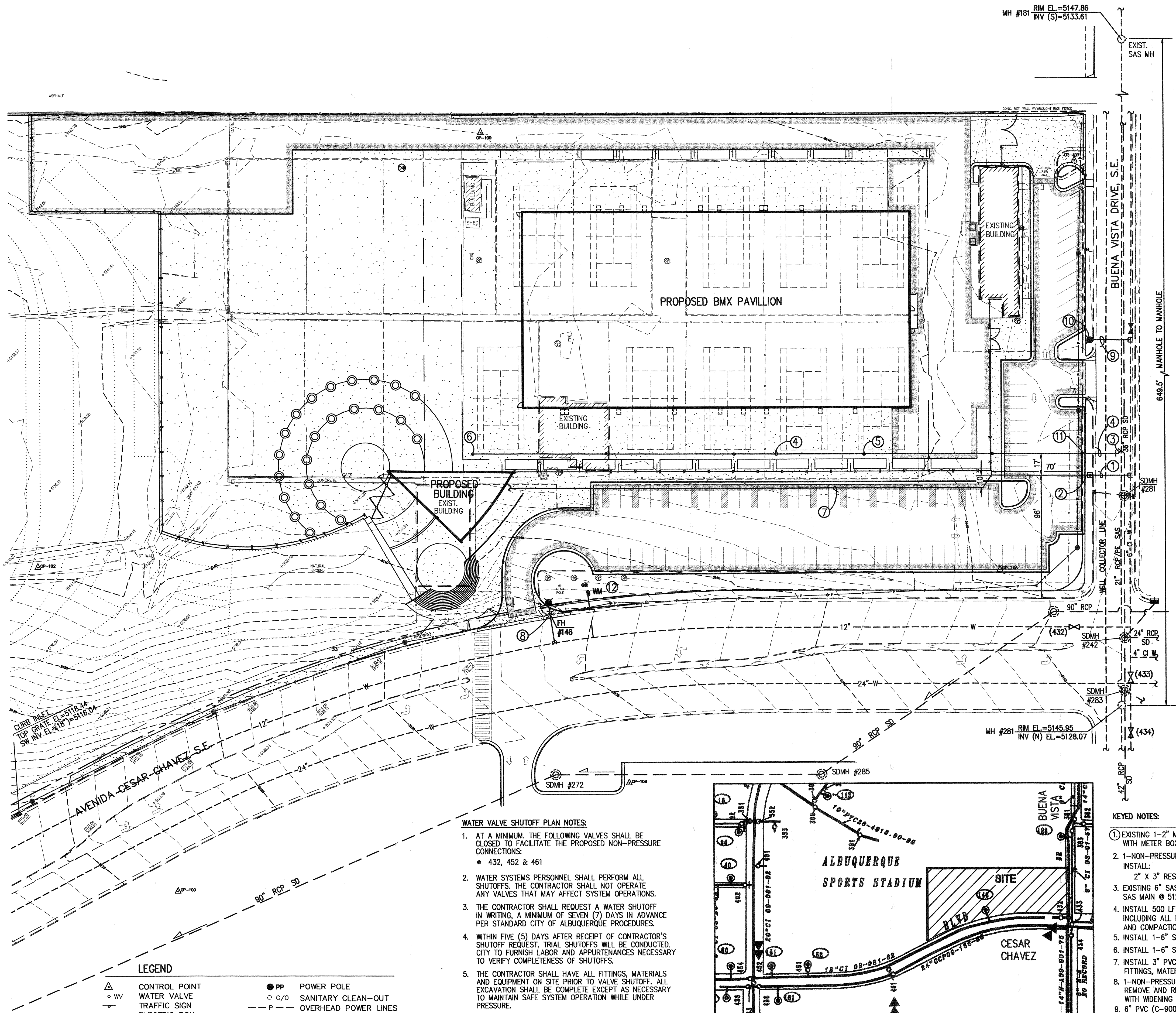
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G. DONALD DUDLEY AIA

ARCHITECT
SINUS TOWER STUDIO 880
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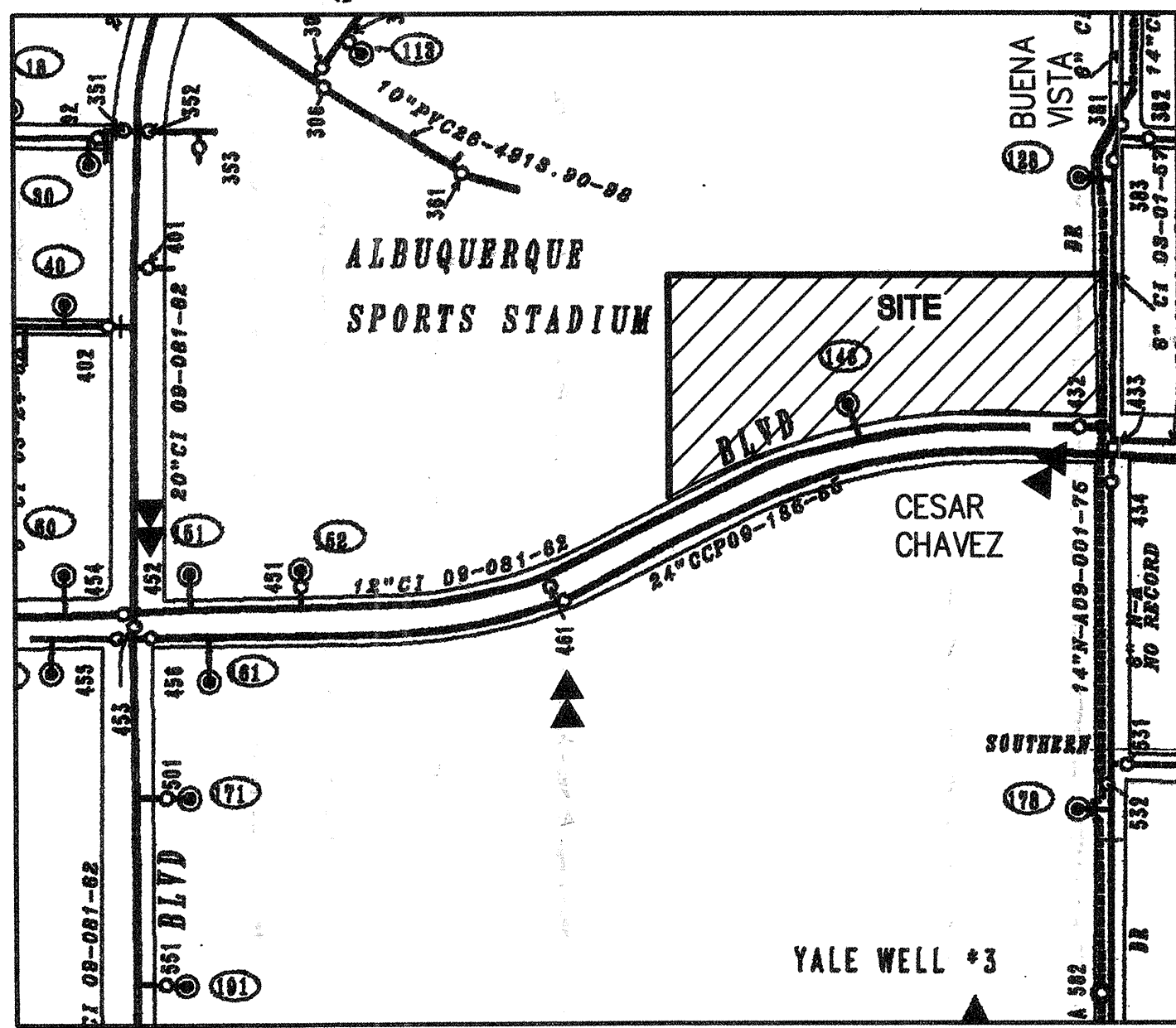


LEGEND

	CONTROL POINT		POWER POLE
	WATER VALVE		SANITARY CLEAN-OUT
	TRAFFIC SIGN		OVERHEAD POWER LINES
	ELECTRIC BOX		PIPE FENCE
	WATER FAUCET		CHAIN LINK FENCE
	TELEPHONE RISER		WIRE FENCE
	CURB INLET		STORM DRAIN (EXISTING)
	DECIDUOUS TREE		MANHOLE (EXISTING)
	EVERGREEN TREE		PROPOSED ASPHALT PAVING
	LIGHT		PROPOSED CONCRETE
	WATER METER		PROPOSED DIRECTION OF FLOW
	GAS METER		EXISTING DIRECTION OF FLOW

WATER VALVE SHUTOFF PLAN NOTES:

- AT A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO FACILITATE THE PROPOSED NON-PRESSURE CONNECTIONS:
 - 432, 452 & 461
- WATER SYSTEMS PERSONNEL SHALL PERFORM ALL SHUTOFFS. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES THAT MAY AFFECT SYSTEM OPERATIONS.
- THE CONTRACTOR SHALL REQUEST A WATER SHUTOFF IN WRITING, A MINIMUM OF SEVEN (7) DAYS IN ADVANCE PER STANDARD CITY OF ALBUQUERQUE PROCEDURES.
- WITHIN FIVE (5) DAYS AFTER RECEIPT OF CONTRACTOR'S SHUTOFF REQUEST, TRIAL SHUTOFFS WILL BE CONDUCTED. CITY TO FURNISH LABOR AND APPURTENANCES NECESSARY TO VERIFY COMPLETENESS OF SHUTOFFS.
- THE CONTRACTOR SHALL HAVE ALL FITTINGS, MATERIALS AND EQUIPMENT ON SITE PRIOR TO VALVE SHUTOFF. ALL EXCAVATION SHALL BE COMPLETE EXCEPT AS NECESSARY TO MAINTAIN SAFE SYSTEM OPERATION WHILE UNDER PRESSURE.
- THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT ALL NECESSARY SHUTOFFS AND CONNECTIONS.
- EXISTING WATER VALVE AND WATER LINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, MAP GRID L-15
- AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT WATER SYSTEMS DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.



WATER VALVE SHUTOFF PLAN
SCALE: 1" = 300'

KEYED NOTES:

- EXISTING 1-2" METERED WATER SERVICE PER COA STD DWG 2363 WITH METER BOX AT BACK OF CURB
- 1-NON-PRESSURE CONNECTION
INSTALL:
2" X 3" RESTRAINED REDUCER
- EXISTING 6" SAS SERVICE PER COA STD DWG 2135; INV 21" SAS MAIN @ 5129.7, INV 6" SAS @ 5133.70 @ MAIN
- INSTALL 500 LF 6" PVC (SDR-35) SAS SERVICE @ S=0.0100 INCLUDING ALL FITTINGS, MATERIALS, TRENCHING, BACKFILL AND COMPACTION
- INSTALL 1-6" SINGLE CLEANOUT, TYPICAL OF 4
- INSTALL 1-6" SINGLE END OF LINE CLEANOUT, INV @ 5138.70
- INSTALL 3" PVC (SCH 40) WATER SERVICE LINE INCLUDING ALL FITTINGS, MATERIALS, TRENCHING, BACKFILL AND COMPACTION
- 1-NON-PRESSURE CONNECTION
REMOVE AND RELOCATE EXISTING FIRE HYDRANT IN CONJUNCTION WITH WIDENING OF EXISTING PRIVATE ENTRANCE
- 6" PVC (C-900) WATER LINE
- EXISTING FH (4-1/2" BURY) PER COA STD DWG 2340
- REMOVE 6" CAP @ 2 AND CONTINUE 6" SAS SERVICE TO BUILDING
- EXISTING WATER SERVICE TO REMAIN

Jeff
2004.068.5
JEFF NORTENSEN & ASSOCIATES, INC.
600-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (SOS) 345-4250
FAX: 505-345-4254 © ESTABLISHED 1977

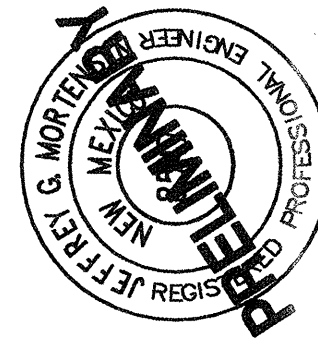
WATER LINE CONSTRUCTION NOTES:

- FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
- FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-905 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
- WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS" METALLIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
- VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
- JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
- JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
- FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
- ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

SANITARY SEWER CONSTRUCTION NOTES:

- ALL SEWER PIPE SHALL BE PVC (SDR-35).
- SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
- ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "C" MANHOLES PER C.O.A. STD. DWG. 2101 UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		STAMP		ENGINEER'S		REVISIONS/REMARKS		NO. DATE	
CONTRACTOR	DATE	CONTRACTOR	DATE	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	CONTROL SURVEY MONUMENT: 7-L15	DATE	BY	NO.	DATE	NO.	DATE	NO.	DATE
WORK STAKED BY	DATE	INSPECTOR'S APPROVAL	DATE			10/20/04	WILSON & CO	614019	10/20/04				
INSPECTOR'S APPROVAL	DATE	FIELD VERIFICATION BY	DATE			9/8/05	QTY SURVEYOR	N/A	9/8/05				
FIELD VERIFICATION BY	DATE	DRAWING CORRECTED BY	DATE										
DRAWING CORRECTED BY	DATE	MICRO-FILM INFORMATION	DATE										
MICRO-FILM INFORMATION	DATE	RECORDED BY	NO.										
RECORDED BY	NO.												



DESIGNED BY: JGM DATE: 09/2005
DRAWN BY: JMA DATE: 09/2005
CHECKED BY: JGM DATE: 09/2005

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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: PHASE 1 WATER AND SANITARY SEWER SITE PLAN
ALBUQUERQUE BICYCLE PARK PH. 1

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PROJECT NO.			MAP NO.	L-15	
			SHEET	1	1

DRAINAGE PLAN

I. INTRODUCTION AND EXECUTIVE SUMMARY

THIS PROJECT, LOCATED IN THE LOWER SOUTHEAST HEIGHTS REPRESENTS THE DEVELOPMENT OF AN INFILL PROPERTY OWNED BY THE CITY OF ALBUQUERQUE. THE SITE LIES IMMEDIATELY EAST OF THE ISOTOPE'S BALL PARK. THE DRAINAGE CONCEPT FOR THIS PROJECT WILL BE THE FREE DISCHARGE OF DEVELOPED RUNOFF TO AVENIDA CESAR CHAVEZ SE WHERE A MAJOR PUBLIC STORM DRAIN LIES. THE EXISTING PUBLIC STORM DRAIN COLLECTS RUNOFF CARRIED BY THE STREET AND CONVEYS THAT RUNOFF WEST TO THE SOUTH DIVERSION CHANNEL.

THIS SUBMITTAL IS MADE IN SUPPORT OF WORK ORDER AND BUILDING PERMIT WITHIN THE JURISDICTION OF THE CITY OF ALBUQUERQUE. THIS PLAN SUPERCEDES THE PRIOR CONCEPTUAL PLAN DATED 12-17-2004.

II. PROJECT DESCRIPTION

AS SHOWN BY THE VICINITY MAP, THE SITE IS LOCATED ON THE NORTH SIDE OF AVENIDA CESAR CHAVEZ BETWEEN UNIVERSITY BLVD. SE AND BUENA VISTA DRIVE SE. AT PRESENT, THE SITE IS UNDEVELOPED. THE LAND IMMEDIATELY TO THE WEST IS DEVELOPED AS ISOTOPE'S BALL PARK. THE LAND TO THE NORTH IS INSTITUTIONAL (TM AND UNM). THE LAND TO THE EAST IS DEVELOPED AS CITY TENNIS COURTS. AS SHOWN BY PANEL 334 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS PUBLISHED BY FEMA FOR BERNALILLO COUNTY, NEW MEXICO, AND INCORPORATED AREAS DATED SEPTEMBER 20, 1996, THIS SITE DOES NOT LIE WITHIN A DESIGNATED FLOOD HAZARD ZONE (ZONE AO). AN AO ZONE IS MAPPED DOWNSTREAM, HOWEVER, IT IS BELIEVED THAT THE MORE RECENT STORM DRAIN IMPROVEMENTS WITHIN AVENIDA CESAR CHAVEZ (FORMERLY STADIUM BLVD.) HAVE ALLEVATED THE DOWNSTREAM FLOODING.

III. BACKGROUND DOCUMENTS & RESEARCH

THE FOLLOWING ITEMS WERE REVIEWED IN THE PREPARATION OF THIS SUBMITTAL:
A. TOPOGRAPHIC SURVEY OF THE EXISTING SITE PREPARED BY WILSON & CO. DATED 10/21/2004. THE SUBJECT SURVEY SHOWS THE EXISTING IMPROVEMENTS.
B. PRE-DESIGN CONFERENCE WITH THE CITY HYDROLOGIST 08/24/2004. THE OUTCOME OF THAT RECAP CONFIRMED THAT FREE DISCHARGE TO AVENIDA CESAR CHAVEZ IS APPROPRIATE IN LIGHT OF THE RECENT DRAINAGE IMPROVEMENTS TO UNIVERSITY BLVD SE AND AVENIDA CESAR CHAVEZ SE.
C. CONCEPTUAL GRADING AND DRAINAGE PLAN (L15/D13A) PREPARED BY THIS OFFICE DATED 12-17-2004. THIS PRIOR SUBMITTAL ESTABLISHED THE DRAINAGE CRITERIA (FREE DISCHARGE) FOR THIS SITE.

IV. EXISTING CONDITIONS

THE TOPOGRAPHIC DATA PRESENTED HEREWITH, TAKEN FROM THE ABOVE REFERENCED SURVEY BY WILSON & CO., DEMONSTRATES THE EXISTING CONDITIONS OF THE PROJECT SITE. AT PRESENT, THE SITE IS PARTIALLY DEVELOPED WITH CITY TENNIS COURTS AND LIMITED ASPHALT PAVING. THE SITE CURRENTLY DRAINS FROM EAST TO WEST WITH MUCH OF THE DEVELOPED FLOW BEING DIRECTED INTO A TEMPORARY DETENTION POND. IT IS BELIEVED THAT THE TEMPORARY POND WAS CREATED TO MITIGATE THE DISCHARGE OF EXCESS RUNOFF ONTO THE ISOTOPE'S BALL PARK. THE SITE IS SITUATED TOPOGRAPHICALLY HIGHER THAN AVENIDA CESAR CHAVEZ SE AND AS SUCH DRAINS TO THAT PUBLIC ROADWAY. ISOTOPE'S BALL PARK IS TOPOGRAPHICALLY LOWER AN HENCE DOES NOT CONTRIBUTE OFFSITE FLOWS. THE INSTITUTIONAL DEVELOPMENT TO THE NORTH HAS BEEN GRADED SUCH THAT IT DOES NOT DRAIN ONTO THE SUBJECT SITE. ITS FLOWS ARE DIRECTED WEST AND EVENTUALLY DISCHARGE TO UNIVERSITY BLVD SE. BUENA VISTA DRIVE LIES TO THE EAST AND APPEARS TO CONTAIN ITS FLOWS AND AS SUCH IS NOT BELIEVED TO CONTRIBUTE OFFSITE FLOWS.

V. PROPOSED CONDITIONS (PHASE 1)

THE PROPOSED IMPROVEMENTS CONSIST OF A BMX TRACK, A NEW BUILDING, PARKING IMPROVEMENTS, PEDESTRIAN PAVING AND ASSOCIATED LANDSCAPING. IN ORDER TO LOCATE THE ABOVE REFERENCED IMPROVEMENTS ON THE SITE, THE EXISTING TENNIS COURTS AND RELATED IMPROVEMENTS MUST BE DEMOLISHED. THE TEMPORARY DETENTION POND WILL REMAIN. THE EXISTING BUILDING AT THE NORTHEAST CORNER WILL BE RENOVATED.
FOR THE PURPOSES OF ANALYSIS, THE SITE HAS BEEN DIVIDED INTO TWO (2) BASIC DRAINAGE AREAS. BASIN A DRAINS INTERNALLY TO A PRIVATE STORM DRAIN SYSTEM THAT ULTIMATELY DISCHARGES TO THE AVENIDA CESAR CHAVEZ STORM DRAIN. PRESENTLY, THE TEMPORARY DETENTION POND OUTLETS TO THE AVENIDA CESAR CHAVEZ STORM DRAIN VIA AN 18-INCH STORM DRAIN CONNECTION TO THE BACK OF A EXISTING STORM INLET IN THE NORTH CURB LINE OF THE ROADWAY. THAT CONNECTION WILL BE UTILIZED FOR THE DISCHARGE OF RUNOFF FROM BASIN A AND ITS SUB-BASINS A-1 THROUGH A-6. THE RUNOFF WILL FLOW A CROSS THE NEW PARKING LOT TO EVENTUALLY DISCHARGE TO AVENIDA CESAR CHAVEZ.
BASIN B IS AN EXISTING CONDITION WHERE NO CHANGES ARE PROPOSED. BASIN B INCLUDES THE EXISTING DETENTION POND.

VI. GRADING PLAN

THE GRADING PLAN SHOWS 1.) EXISTING GRADES INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1'-0" INTERVALS TAKEN FROM THE SURVEY BY WILSON & CO. REFERENCED ABOVE, 2.) PROPOSED GRADES INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1'-0" INTERVALS, 3) THE LIMIT AND CHARACTER OF THE EXISTING IMPROVEMENTS TAKEN FROM THE SURVEY BY WILSON & CO. REFERENCED ABOVE, 4) THE LIMIT AND CHARACTER OF THE PROPOSED IMPROVEMENTS, AND 5.) CONTINUITY BETWEEN EXISTING AND PROPOSED GRADES. AS SHOWN BY THIS PLAN, THE SITE WILL DRAIN BY VARIOUS MEANS. BASIN A, AS INDICATED ABOVE, WILL DRAIN VIA AN INTERNAL PRIVATE STORM DRAIN SYSTEM INTEGRATED WITH A WATER HARVESTING FEATURE. BASIN B WILL CONTINUE TO DRAIN IN THE EXISTING CONDITION UNTIL A SUBSEQUENT PHASE DEVELOPS ON THIS REMAINING PORTION OF THE SITE.

VII. CALCULATIONS

THE CALCULATIONS THAT APPEAR HEREON ANALYZE BOTH THE EXISTING AND DEVELOPED CONDITIONS, FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT, THE PROCEDURE FOR 40 ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY 1993, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUNOFF GENERATED. THE RESULTS OF THE CALCULATIONS FOR THE DEVELOPED CONDITION ARE PRESENTED IN TABLE FORM. KEY ANALYSIS POINTS, SHOWN ON THE DRAINAGE BASIN MAP PLAN, ARE FURTHER ANALYZED IN ORDER THAT THE PROPOSED PRIVATE STORM DRAIN BE SIZED APPROPRIATELY. THE MANNING EQUATION WAS USED TO EVALUATE PIPE SIZES AND RELATED CAPACITIES. AS A RESULT OF THIS ANALYSIS, THE TOTAL PEAK DISCHARGE CALCULATED FOR BASIN A (16.95 CFS) WILL NOT EXCEED THE CAPACITY (44.4 CFS) OF THE EXISTING 18-INCH STORM DRAIN CONNECTION TO AVENIDA CESAR CHAVEZ.

VIII. CONCLUSIONS

THE FOLLOWING CONCLUSIONS HAVE BEEN ESTABLISHED AS A RESULT OF THE EVALUATIONS CONTAINED HEREIN
1. THIS SUBMITTAL FOLLOWS THE DRAINAGE CONCEPTS ESTABLISHED BY THE PREVIOUSLY APPROVED CONCEPTUAL PLAN
2. THE SITE DOES NOT LIE WITHIN A DESIGNATED 100-YEAR FLOODPLAIN
3. THIS SITE IS NOT RESTRICTED BY LIMITED OR INADEQUATE DOWNSTREAM CAPACITY
4. THE INCREASED RUNOFF FROM THIS SITE WILL BE HANDLED BY THE EXISTING DOWNSTREAM PUBLIC DRAINAGE IMPROVEMENTS THAT ULTIMATELY DISCHARGE TO THE SOUTH DIVERSION CHANNEL
5. THIS SUBMITTAL IS FOR BUILDING PERMIT APPROVAL
6. SITE SPECIFIC DRAINAGE SUBMITTALS WILL BE REQUIRED FOR SUBSEQUENT PHASES OF CONSTRUCTION
7. OFFSITE FLOWS DO NOT IMPACT THIS SITE

CALCULATIONS

SITE CHARACTERISTICS

- PRECIPITATION ZONE = 2
- $P_{6,100} = P_{360} = 2.35$ INCHES
- TOTAL AREA (AT) = 50,190 SF/11.52 ACRES
- EXISTING LAND TREATMENT

TREATMENT	AREA (SF/AC)	%
a) TREATMENT B	= 7,525/0.17	02
b) TREATMENT C	= 316,573/7.27	63
c) TREATMENT D	= 177,802/4.08	35
- EXISTING CONDITION

a) VOLUME	
i) WEIGHTED E (EW) = $(E_{AAA}+E_{BAB}+E_{CAC}+E_{DAD})/AT$	
ii) $EW = [(0.78(0.17)+1.13(7.27)+2.12(4.08))/11.52 = 1.48$	
iii) $V_{360} = EW * AT /12$	
iv) $V_{360} = 1.48 * 11.52/12 = 1.42$ ACRE-FEET = 61,890 CUBIC FEET	
b) PEAK DISCHARGE	
i) TOTAL QP = $Q_{PAAA}+Q_{PBAB}+Q_{PCAC}+Q_{PDAD}$	
ii) TOTAL QP = $2.28(0.17)+3.14(7.27)+4.70(4.08) = 42.4$ CFS	
- DEVELOPED CONDITION
THE DEVELOPED CONDITION HAS BEEN INCORPORATED INTO A TABLE FORMAT AS PRESENTED BELOW.

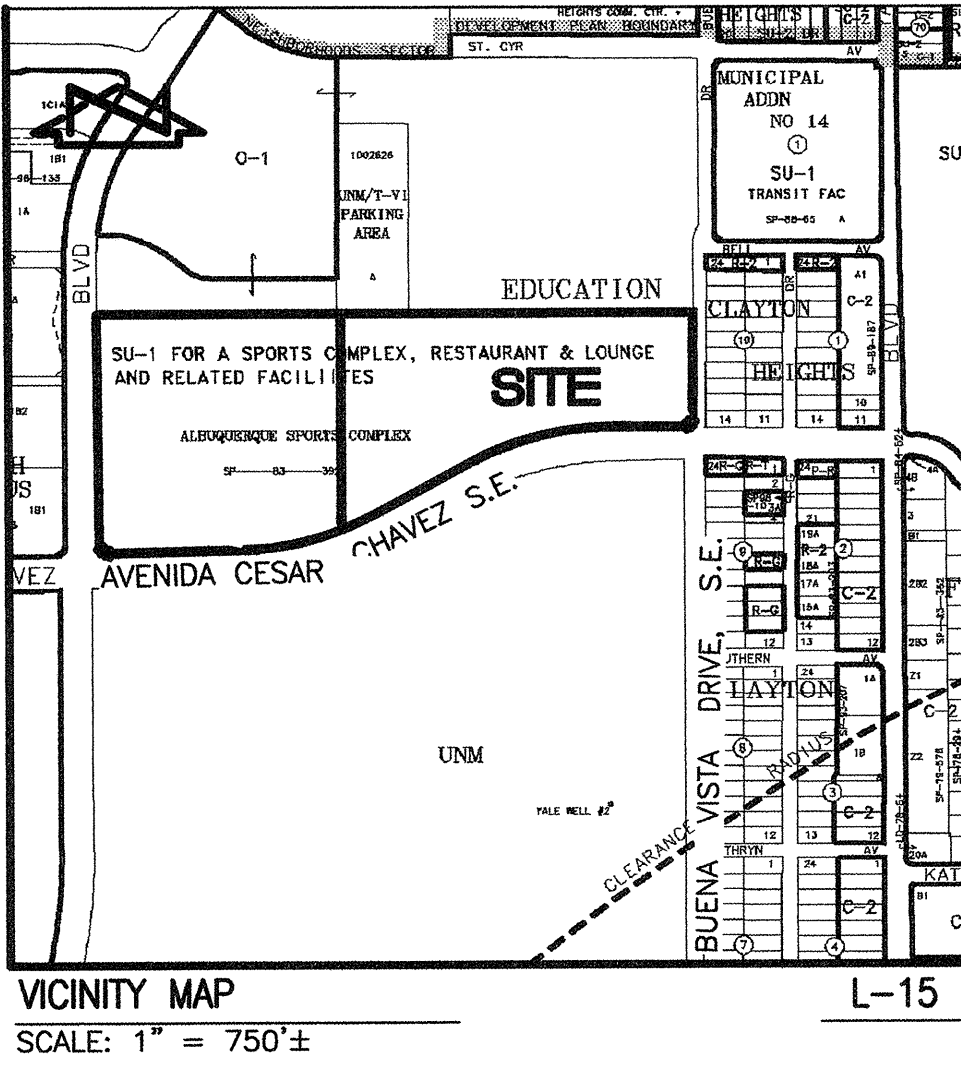
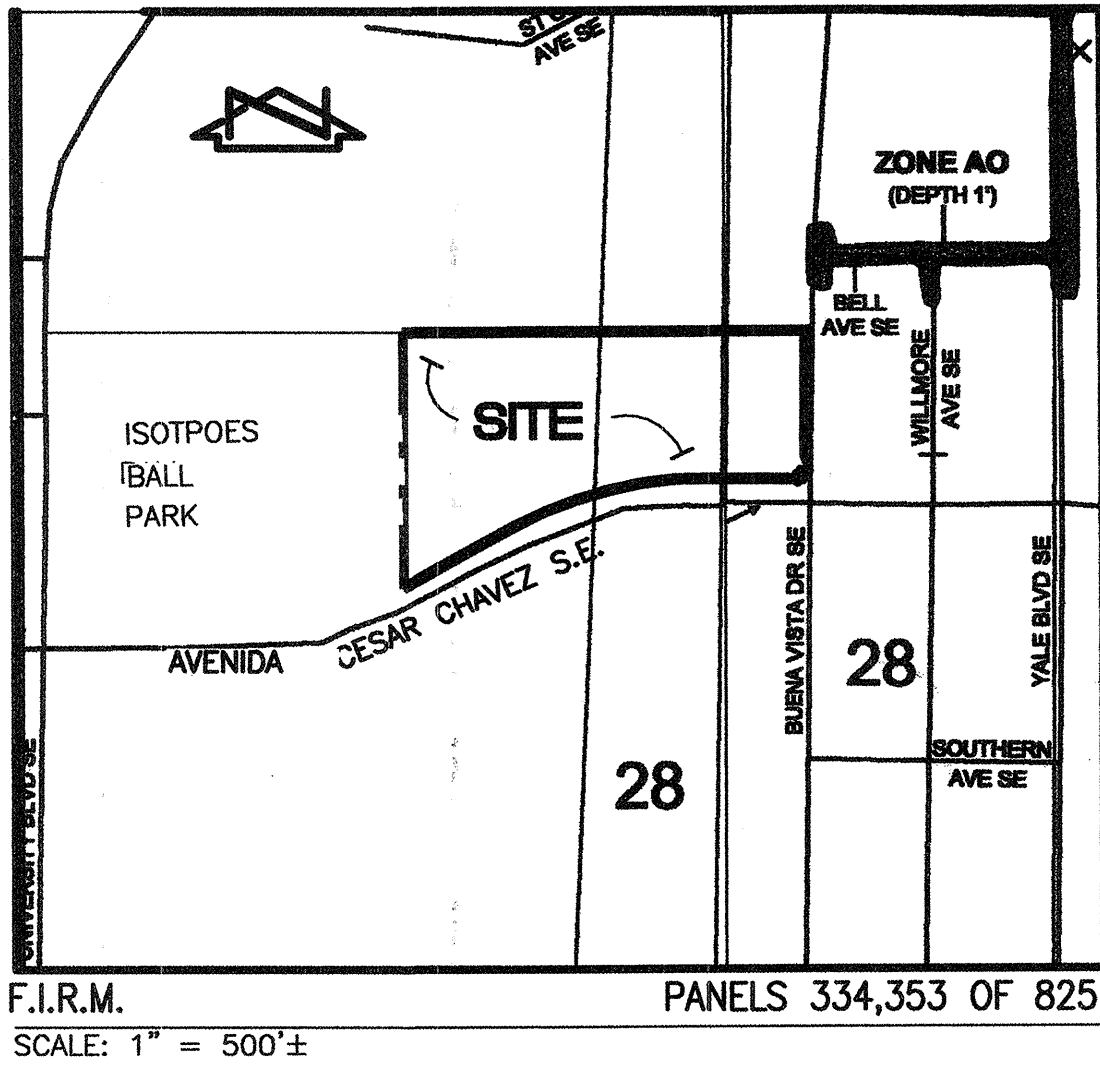
BASIN ANALYSIS							
BASINS	A _T (SF/AC)	A _B (SF/AC)	A _C (SF/AC)	A _D (SF/AC)	V ₁₀₀ (AC-FT)	Q ₁₀₀ (CFS)	Q ₁₀₀ (CFS) CUM
A-1	26,154/0.60	300/0.01		25,854/0.59	0.10	2.80	2.80
A-2	11,475/0.26			11,475/0.26	0.05	1.22	4.02
A-3	11,475/0.26			11,475/0.26	0.05	1.22	5.24
A-4	11,475/0.26			11,475/0.26	0.05	1.22	6.46
A-5	30,415/0.70		1,155/0.03	29,260/0.67	0.12	3.24	9.70
A-6	68,115/1.56		2,290/0.05	65,825/1.51	0.27	7.25	16.95
B-1	113,336/2.60	8,690/0.20		104,646/2.4	0.44	11.74	
B-2	113,256/2.60		111,256/2.60		0.24	8.16	
B-3	116,199/2.67		116,199/2.67		0.25	8.38	
TOTAL	501,900/11.52	8,990/0.21	232,900/5.35	260,010/5.95	1.57	45.23CFS	

- COMPARISON

a) VOLUME	
$\Delta V_{100} = 1.57-1.42 = 0.15$ AC-FT	
b) PEAK DISCHARGE	
$\Delta Q_{100} = 45.2-42.4 = 2.8$ CFS	

DRAINAGE STRUCTURE SUMMARY TABLE					
KEY *	AP	STRUCTURE	RIM/TG	INV. IN	INV. OUT
①	#1	CONNECT TO EXIST SDMH	5123.09'	5119.04'	5119.74'
②	#2	CONSTRUCT SINGLE 'D' INLET	5140.00'	5131.04'	5130.94'
③	N/A	CONSTRUCT SINGLE 'D' INLET	5140.00'	5132.15'	5132.05'
④	#3	CONSTRUCT SINGLE 'D' INLET	5140.00'	5133.03'	5132.93'
⑤	#4	CONSTRUCT 4' SDMH	5140.70'	5133.54'	5133.29'
⑥	#5	CONSTRUCT SINGLE 'D' INLET	5143.00'	5136.20'	5136.10'
⑦	#6	CONSTRUCT SINGLE 'D' INLET	5143.00'	5136.95'	5136.85'
⑧	#7	CONSTRUCT SINGLE 'D' INLET	5143.00'	5137.80'	5137.70'
⑨	#8	CONSTRUCT SINGLE 'D' INLET	5143.00'	N/A	5138.45'

* REFER TO SHEET 2 OF 3



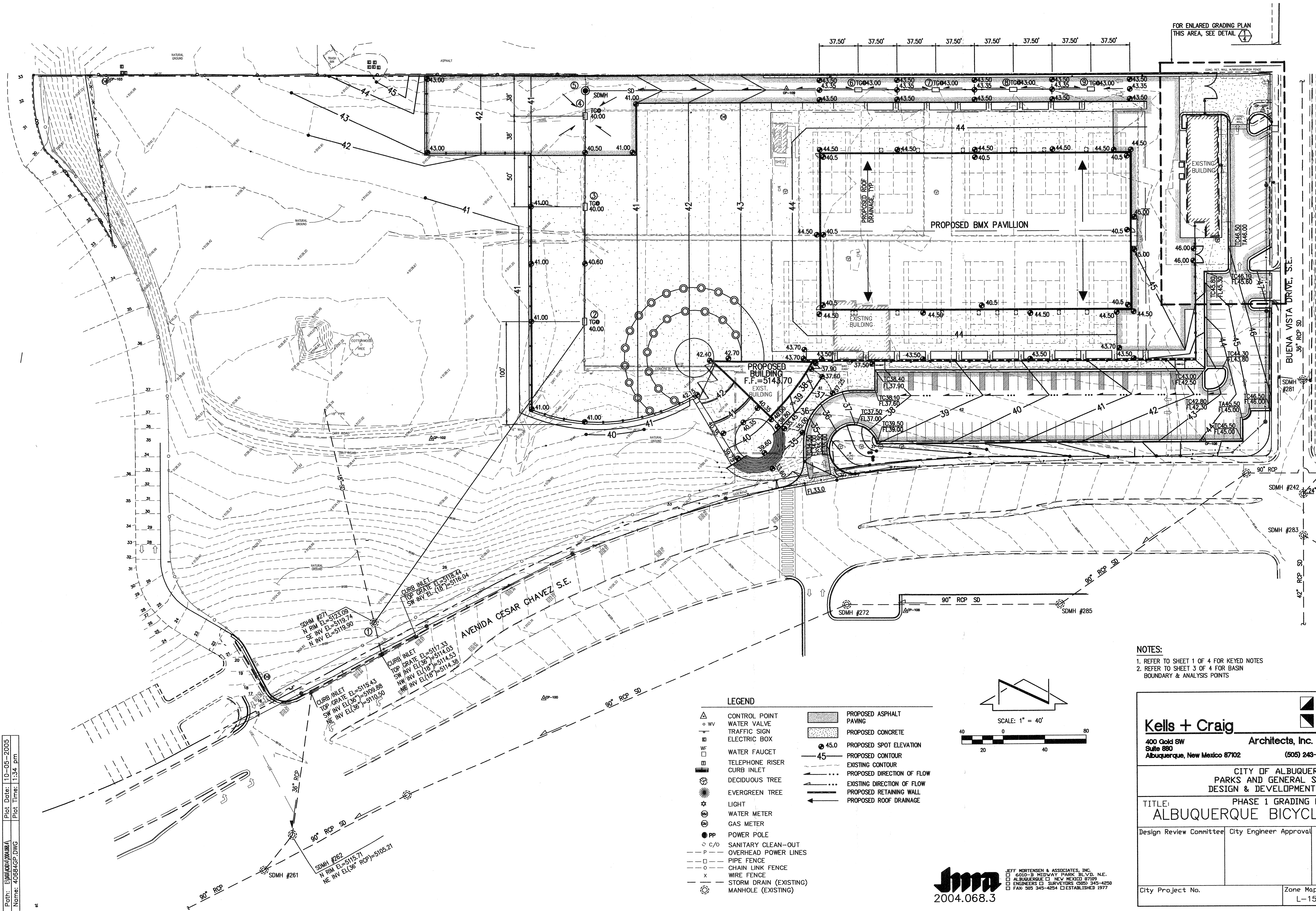
STORM DRAIN HYDRAULICS							
AP TO AP	PIPE SIZE	LENGTH	SLOPE	Q100 (CFS)	QCAP (CFS)	VEL (FPS)	PIPE INVERTS
SDMH 262 TO AP10	36"	140'	0.033	38.1	121.1	17.1	5105.21' TO 5109.88'
AP10 TO CURB INLET	36"	80'	0.058	37.5	160.6	22.7	5109.88' TO 5114.53'
CURB INLET TO AP1	18"	30'	0.179	37.6	44.4	25.2	5114.53' TO 5119.90'
AP1 TO AP2	18"	350'	0.032	16.95	18.8	10.6	5119.90' TO 5131.00'
AP2 TO AP3	18"	191'	0.010	9.70	10.5	5.9	5131.00' TO 5133.00'
PA3 TO AP4	18"	17'	0.012	6.46	11.5	6.5	5133.00' TO 5133.30'
AP4 TO AP5	18"	255'	0.010	5.24	10.5	5.9	5133.30' TO 5136.15'
AP5 TO AP6	18"	68'	0.010	5.24	10.5	5.9	5136.15' TO 5136.90'
AP6 TO AP7	18"	68'	0.010	4.02	10.5	5.9	5136.90' TO 5137.75'
AP7 TO AP8	18"	68'	0.010	2.80	10.5	5.9	5137.75' TO 5138.50'
AP1 TO AP9	18"	205'	0.079	8.38	29.5	16.7	5119.90' TO 5136.18'

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ENGINEER'S STAMP	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	CONTROL SURVEY MONUMENT: 7-L15	FIELD NOTES	NO.	REVISIONS/REMARKS	BY
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INSPECTOR'S APPROVAL	DATE:			BY	WILSON & CO		
FIELD VERIFICATION BY	DATE:			CITY SURVEYOR	09/08/05		
DRAWING CORRECTED BY	DATE:						
MICRO-FILM INFORMATION	DATE:						
RECORDED BY	DATE:						
NO.							

G. MORTENSEN & ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
No. 11419

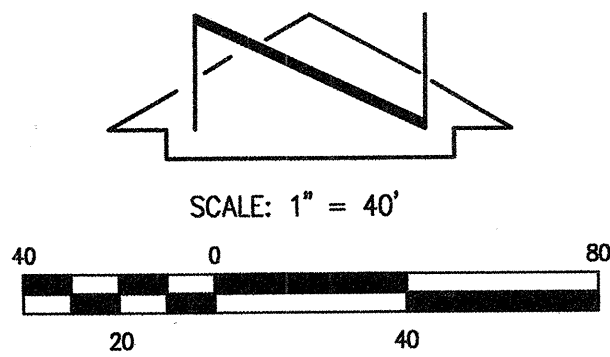
DESIGNED BY: F.J.A. DATE: 10/05
DRAWN BY: R.R.W. DATE: 10/05
CHECKED BY: J.G.M. DATE: 10/05

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File Name: 40684GP.DWG
Plot Date: 10-05-2005
Plot Time: 11:34 pm



NOTES:
1. REFER TO SHEET 1 OF 4 FOR KEYED NOTES
2. REFER TO SHEET 3 OF 4 FOR BASIN
BOUNDARY & ANALYSIS POINTS

- LEGEND**
- | | | | |
|---|------------------------|--------|----------------------------|
| △ | CONTROL POINT | ▨ | PROPOSED ASPHALT PAVING |
| ○ | WATER VALVE | ▨ | PROPOSED CONCRETE |
| ▽ | TRAFFIC SIGN | ● 45.0 | PROPOSED SPOT ELEVATION |
| □ | ELECTRIC BOX | — 45 — | PROPOSED CONTOUR |
| □ | WATER FAUCET | --- | EXISTING CONTOUR |
| □ | TELEPHONE RISER | --- | PROPOSED DIRECTION OF FLOW |
| □ | CURB INLET | --- | EXISTING DIRECTION OF FLOW |
| ⊙ | DECIDUOUS TREE | --- | PROPOSED RETAINING WALL |
| ⊙ | EVERGREEN TREE | --- | PROPOSED ROOF DRAINAGE |
| ★ | LIGHT | | |
| ⊙ | WATER METER | | |
| ⊙ | GAS METER | | |
| ● | POWER POLE | | |
| ○ | SANITARY CLEAN-OUT | | |
| — | OVERHEAD POWER LINES | | |
| — | PIPE FENCE | | |
| — | CHAIN LINK FENCE | | |
| — | WIRE FENCE | | |
| — | STORM DRAIN (EXISTING) | | |
| ⊙ | MANHOLE (EXISTING) | | |



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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: **PHASE 1 GRADING PLAN**
ALBUQUERQUE BICYCLE PARK PH. 1

Design Review Committee City Engineer Approval

City Project No. Zone Map No. L-15 Sheet 2 of 6

DESIGNED BY: J.G.M. DATE: 10/05
DRAWN BY: RRW/JLP DATE: 10/05
CHECKED BY: J.G.M. DATE: 10/05

NO. DATE REVISIONS/REMARKS BY

AS BUILT INFORMATION

CONTRACTOR	DATE:
WORK STAKED BY	DATE:
INSPECTOR'S APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY	DATE:
MICRO-FILM INFORMATION	DATE:
RECORDED BY	NO.

ENGINEER'S STAMP		SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
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	61409	10/20/04	WILSON & CO				
			CITY SURVEYOR				
DESIGNED BY: J.G.M. DATE: 10/05							
DRAWN BY: RRW/JLP DATE: 10/05							
CHECKED BY: J.G.M. DATE: 10/05							

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(WAITING ON AUTHORIZATION
TO PROCEED W/DETAILED
TOPOGRAPHIC SURVEY OF FORMER
SPEECH & HEARING SITE)

ENLARGED GRADING PLAN

DETAIL

1
2,3

jma
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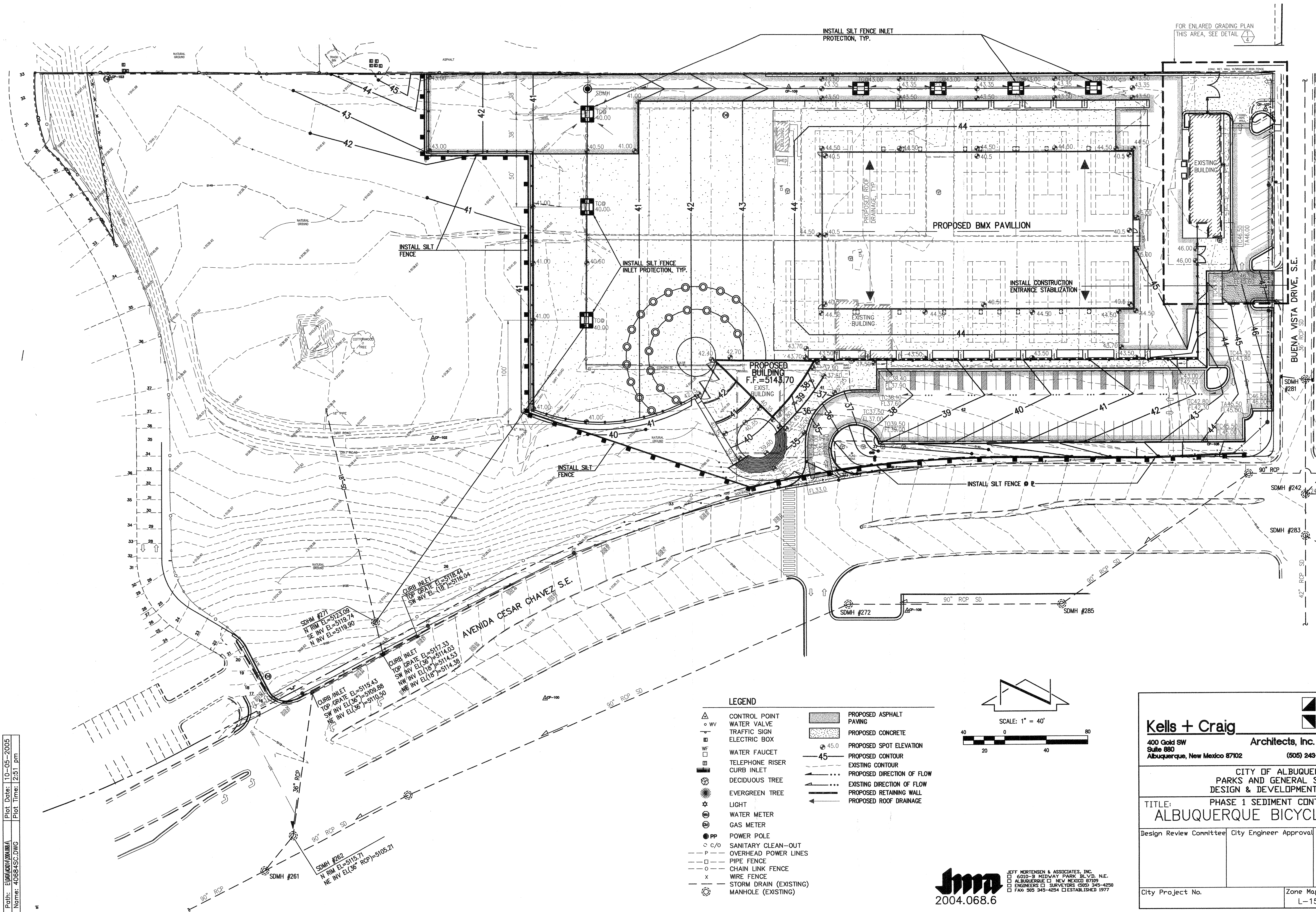
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (Q05) 345-4250
FAX: 505 345-4254 ESTABLISHED 1977

<div><div><div></div><div></div></div><div>Kells + Craig</div></div> <div>400 Gold SW Suite 880 Albuquerque, New Mexico 87102</div>		<div><div><div></div><div></div></div><div>Architects, Inc. AIA</div></div> <div>(505) 243-2724</div>	<div><div><div></div><div></div></div><div>G. DONALD DUDLEY AIA</div></div> <div>ARCHITECT SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 7 1 0 2 TEL 505.243.8100 FAX 505.243.8101</div>
CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION			
TITLE: ENLARGED GRADING PLAN ALBUQUERQUE BICYCLE PARK PH. 1			
Design Review Committee	City Engineer Approval	Last Design Update	<div><div>NO./DAY/YR</div><div>NO./DAY/YR</div></div>
City Project No.		Zone Map No. L-15	Sheet 4 OF 6

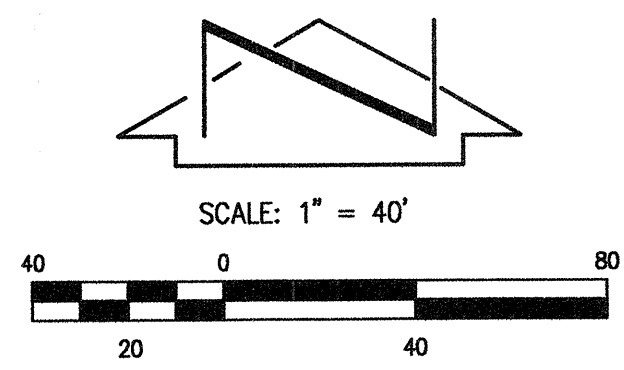
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614019				<div><div><div></div><div></div></div><div>PRELIMINARY</div></div> <div>REGISTERED PROFESSIONAL ENGINEER NEW MEXICO G. DONALD DUDLEY 10/20/04</div>	NO.	BY	DATE	CONTRACTOR	DATE:
					WILSON & CO	WORK STAKED BY	DATE:		
					CITY SURVEYOR	INSPECTOR'S APPROVAL	DATE:		
						FIELD VERIFICATION BY	DATE:		
								DRAWING CORRECTED BY	DATE:
								MICRO-FILM INFORMATION	DATE:
								RECORDED BY	NO.

DESIGNED BY: J.G.M. DATE: 09/05
DRAWN BY: JLP DATE: 10/05
CHECKED BY: J.G.M. DATE: 09/05

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LEGEND	
△ C/P	CONTROL POINT
○ W	WATER VALVE
□ W	TRAFFIC SIGN
□ E	ELECTRIC BOX
□ F	WATER FAUCET
□ R	TELEPHONE RISER
□ I	CURB INLET
● D	DECIDUOUS TREE
● E	EVERGREEN TREE
★	LIGHT
⊙	WATER METER
⊙	GAS METER
● P	POWER POLE
○ C/O	SANITARY CLEAN-OUT
— P	OVERHEAD POWER LINES
— □	PIPE FENCE
— ○	CHAIN LINK FENCE
— X	WIRE FENCE
— S	STORM DRAIN (EXISTING)
— M	MANHOLE (EXISTING)
▨	PROPOSED ASPHALT PAVING
▩	PROPOSED CONCRETE
45.0	PROPOSED SPOT ELEVATION
— 45	PROPOSED CONTOUR
---	EXISTING CONTOUR
---	PROPOSED DIRECTION OF FLOW
---	EXISTING DIRECTION OF FLOW
---	PROPOSED RETAINING WALL
---	PROPOSED ROOF DRAINAGE



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Architects, Inc. AIA

(505) 243-2724

CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: PHASE 1 SEDIMENT CONTROL PLAN
ALBUQUERQUE BICYCLE PARK PH. 1

Design Review Committee City Engineer Approval

City Project No. Zone Map No. L-15 Sheet 5 Of 6

AS BUILT INFORMATION

CONTRACTOR: WORK STAGED BY: INSPECTOR'S APPROVAL: FIELD VERIFICATION BY: DRAWING CORRECTED BY: MICRO-FILM INFORMATION: RECORDED BY: NO.

DATE: 10/20/04 DATE: 09/08/05 DATE: 10/05 DATE: 10/05

ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15

DATE: 10/20/04 BY: WILSON & CO CITY SURVEYOR

NO. 614019

ENGINEER'S STAMP

REVISIONS/REMARKS

BY: DATE: 10/05 DATE: 10/05

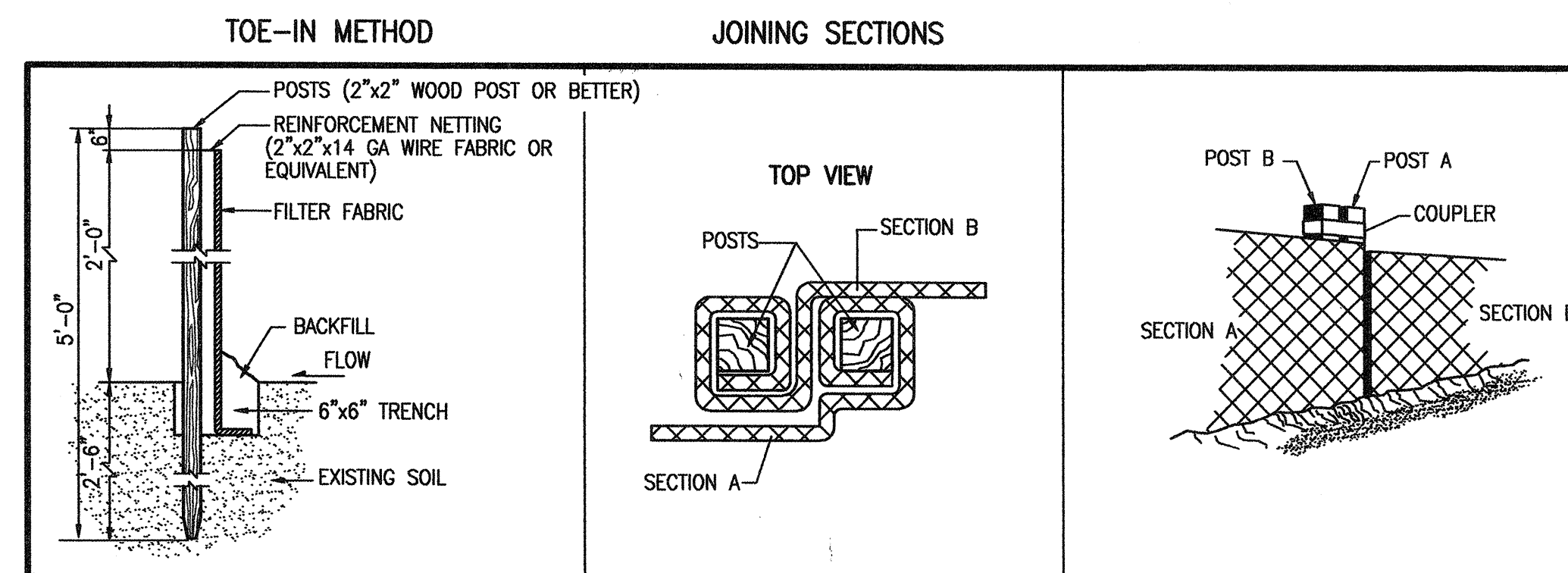
DESIGNED BY: J.G.M. DRAWN BY: RRW/JLP CHECKED BY: J.G.M.

PRELIMINARY

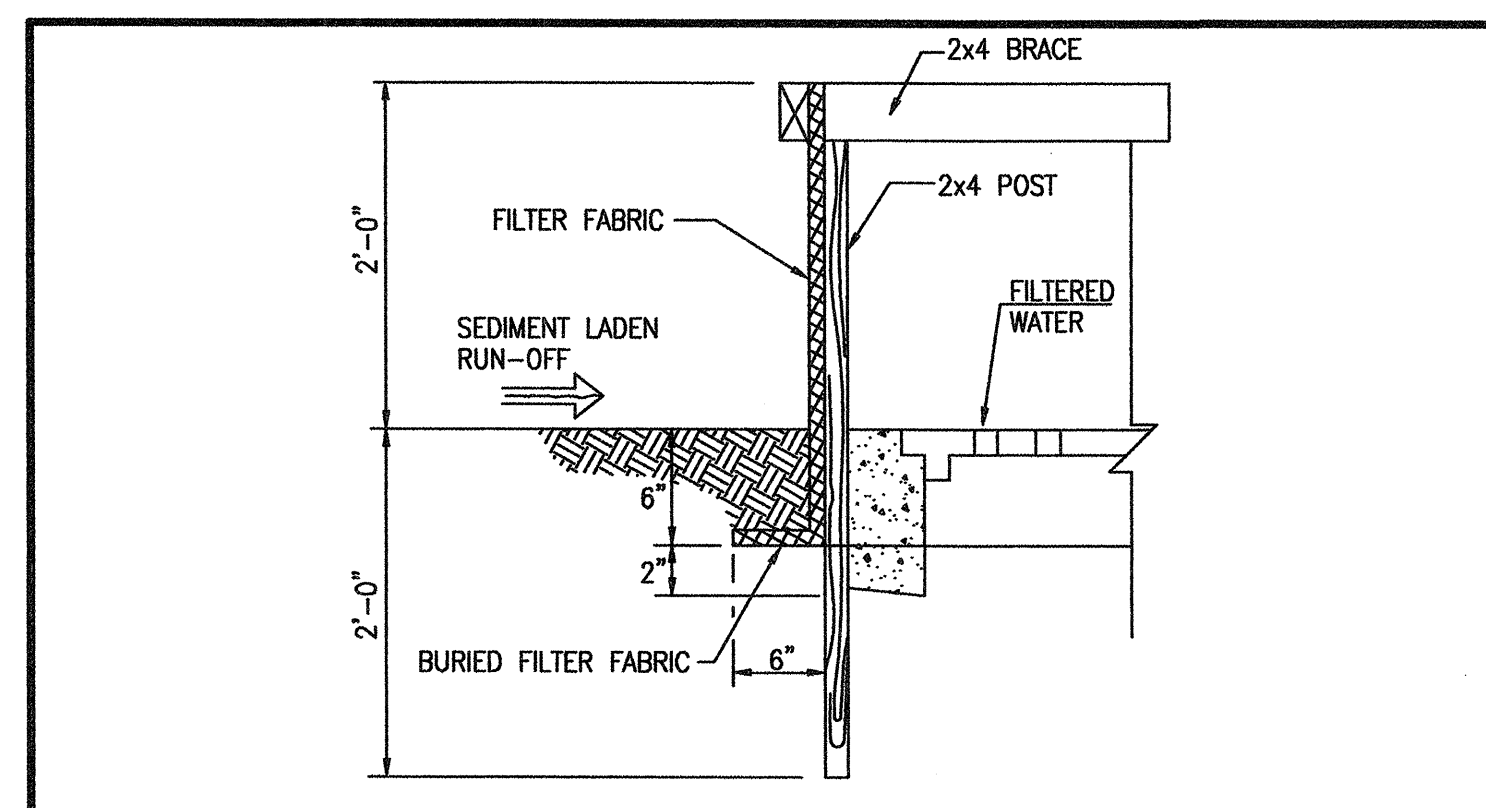
G. DONALD DUDLEY AIA

PHASE 1 SEDIMENT CONTROL PLAN

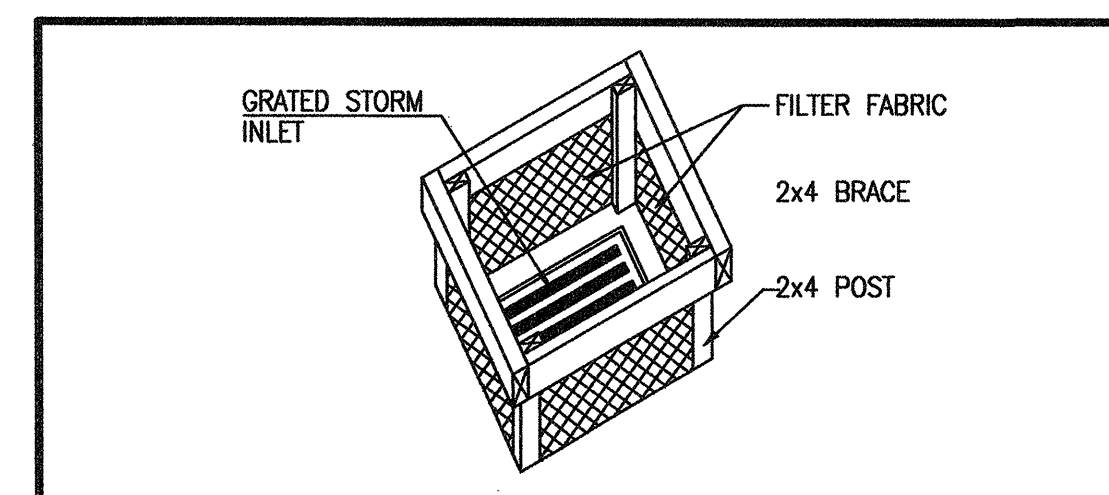
ALBUQUERQUE BICYCLE PARK PH. 1



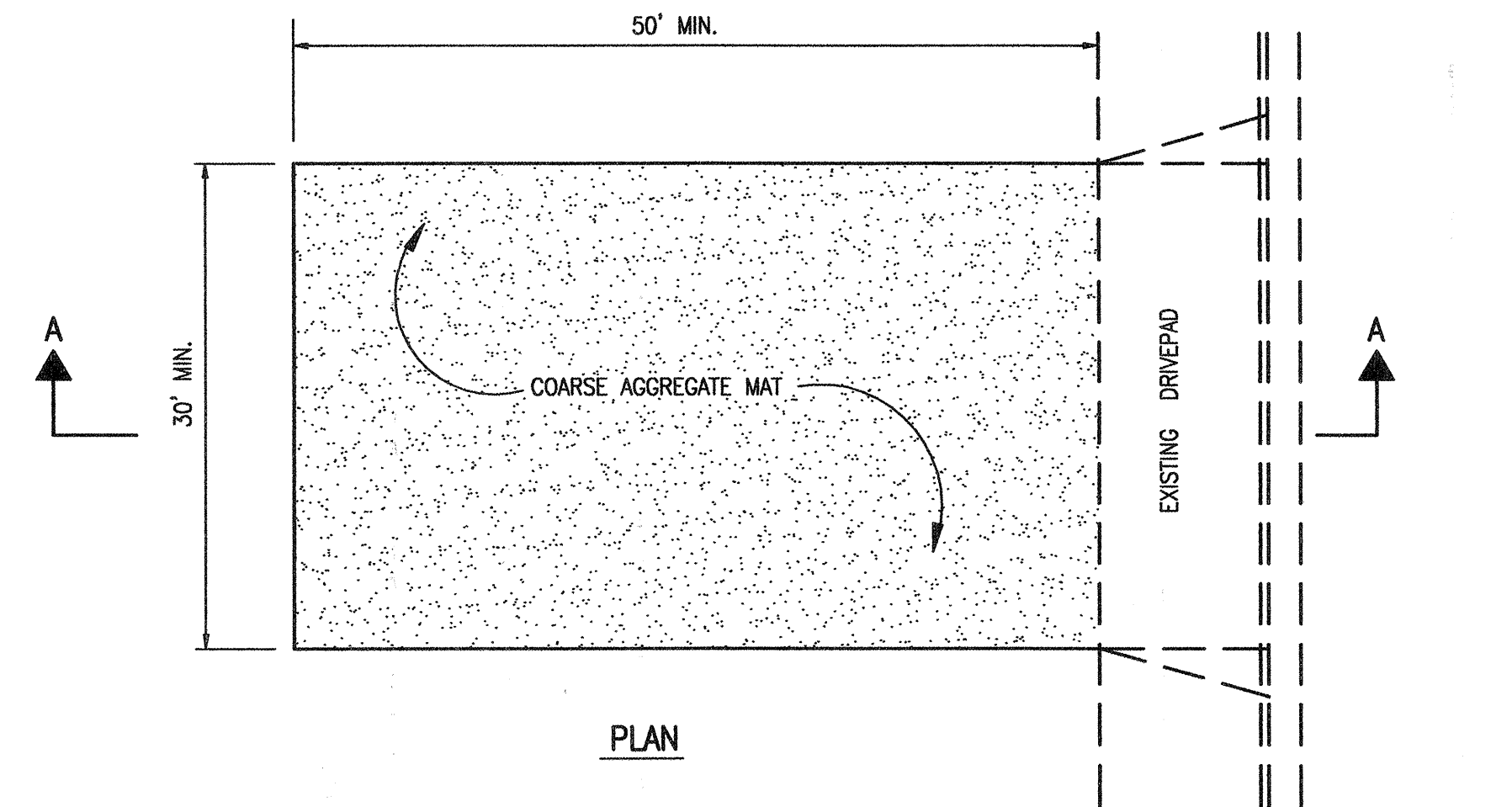
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NOT TO SCALE



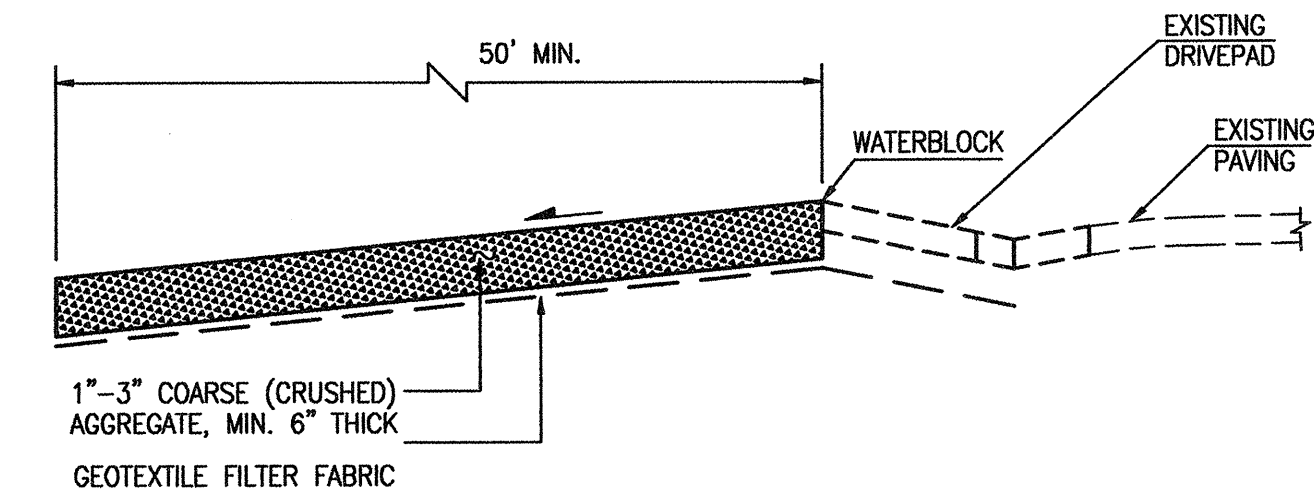
SILT FENCE INLET PROTECTION SECTION
NOT TO SCALE



SILT FENCE INLET PROTECTION
NOT TO SCALE



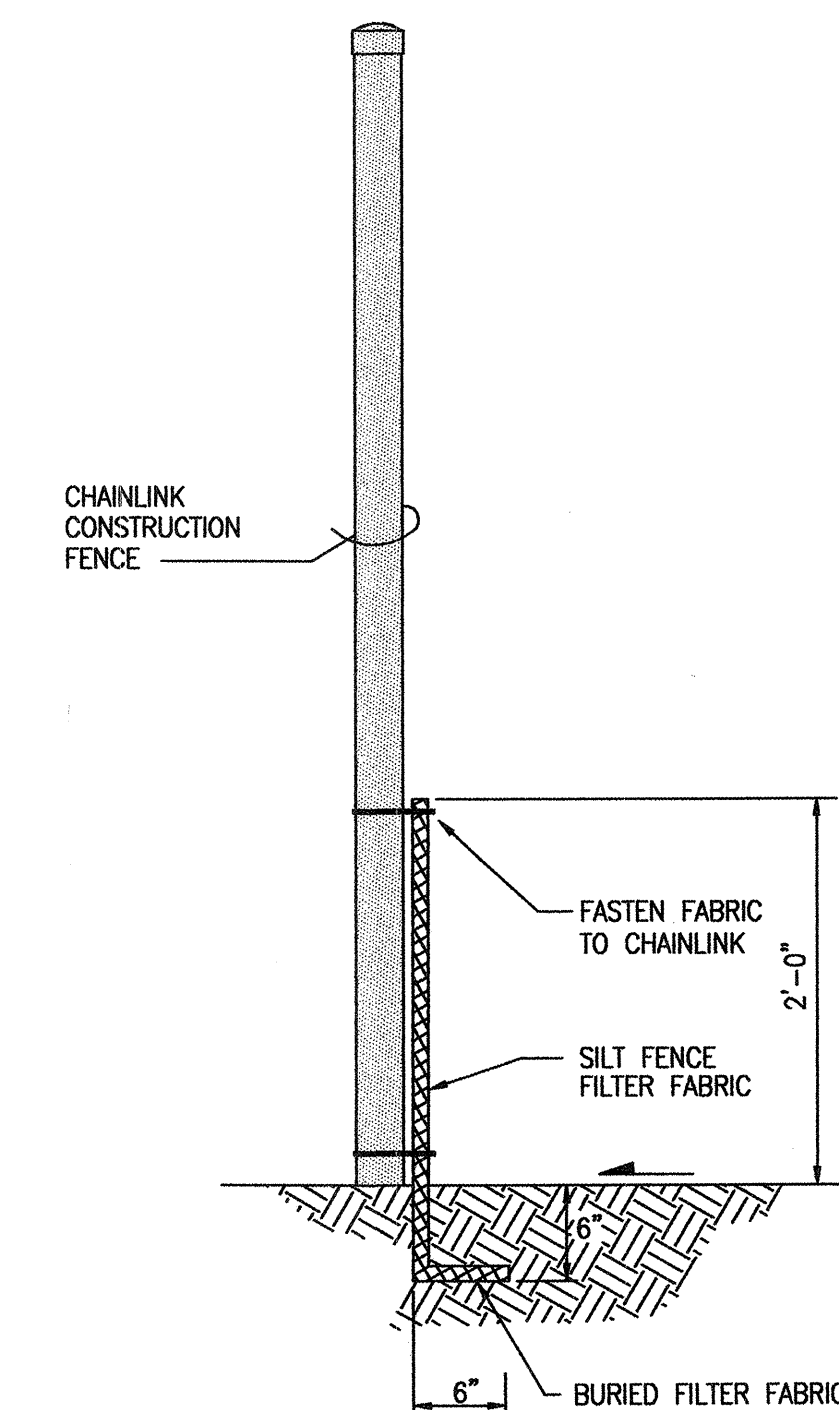
CONSTRUCTION ENTRANCE STABILIZATION



SECTION A-A

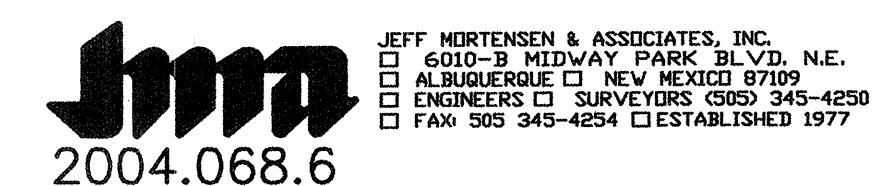
- EROSION CONTROL NOTES:


1. THIS PLAN ADDRESSES GENERAL AND SPECIFIC MEASURES FOR CONSTRUCTION PHASE EROSION AND DUST CONTROL. REFER TO THE GRADING AND DRAINAGE PLAN PREPARED BY JEFF MORTENSEN AND ASSOCIATES, INC. FOR GRADING NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
3. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
4. CONCRETE TRUCKS SHALL BE SENT BACK TO PLANT FOR WASHING. THE WASHING OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ON THIS SITE.
5. THE CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS PRIOR TO BEGINNING CONSTRUCTION.
6. THE CONTRACTOR SHALL PROMPTLY REMOVE SEDIMENT ACCUMULATION FROM SILT FENCES WITHIN 48 HOURS OF A RAINFALL EVENT.
7. THE CONTRACTOR SHALL PICK UP LITTER AND CONSTRUCTION DEBRIS ON A DAILY BASIS.
8. OFFSITE MATERIAL STORAGE AREAS USED BY THIS PROJECT ARE CONSIDERED PART OF THE PROJECT AND ARE SUBJECT TO THE REQUIREMENTS OF THIS EROSION CONTROL PLAN.
9. THE CONTRACTOR SHALL IMPLEMENT ON-SITE STRUCTURAL EROSION CONTROL PRACTICES AS REQUIRED TO COMPLY WITH THE EROSION CONTROL PLAN. THESE PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: SILT FENCES, EARTHEN DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, CHECK DAMS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM RETAINING SYSTEMS, GABIONS AND TEMPORARY OR PERMANENT SEDIMENT BASINS.
10. THE CONTRACTOR SHALL MINIMIZE OFFSITE VEHICLE TRACKING OF SEDIMENT AND DUST GENERATION.
11. UPON COMPLETION OF MASS GRADING, ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT CONSTRUCTION, LANDSCAPING, VEGETATION AND/OR GRAVEL MULCH. SILT FENCING CAN BE REMOVED UPON SUCCESSFUL ESTABLISHMENT OF VEGETATION.
12. REFER TO STORM WATER POLLUTION PREVENTION PLAN FOR PROJECT SPECIFIC PHASING AND INFORMATION. THIS PROJECT SHALL BE IMPLEMENTED IN PHASES TO MINIMIZE THE EXTENT AND DURATION OF SURFACE DISTURBANCE.
13. FOR EXAMPLES OF ADDITIONAL BMP'S, REFER TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM MANUAL - STORM WATER MANAGEMENT GUIDELINES FOR CONSTRUCTION AND INDUSTRIAL ACTIVITIES NOVEMBER 2002.



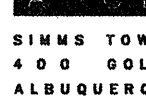


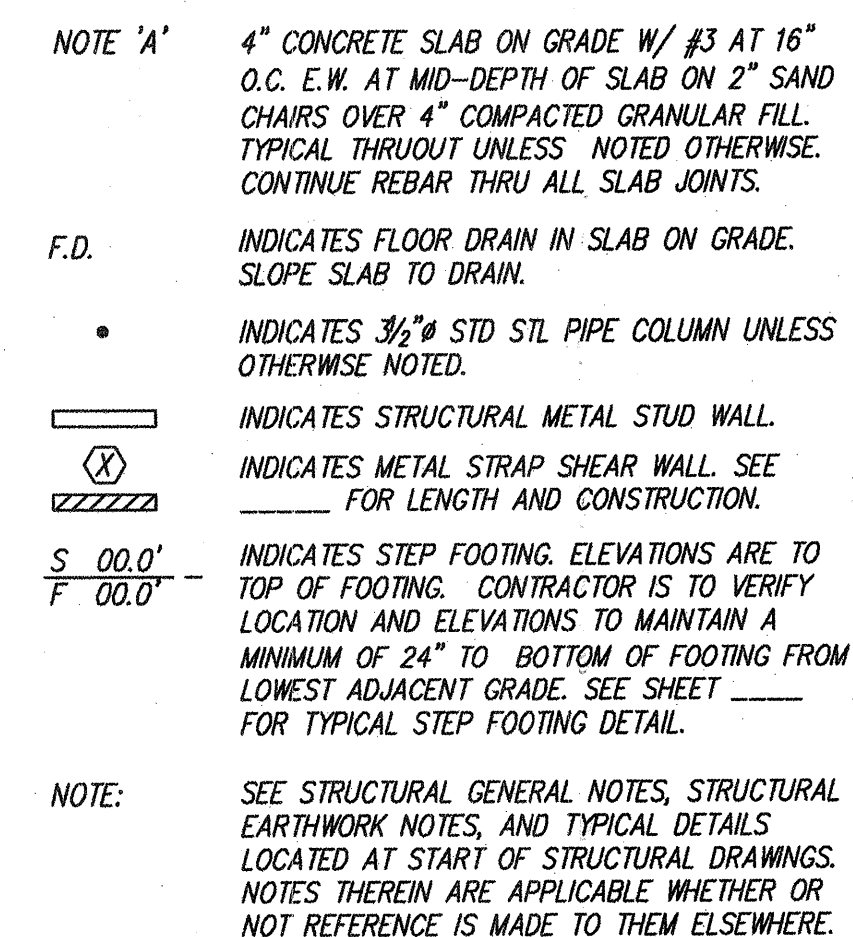
CONSTRUCTION FENCE/SILT FENCE SECTION
SCALE: 1" = 2'

(ALTERNATE INSTALLATION METHOD)

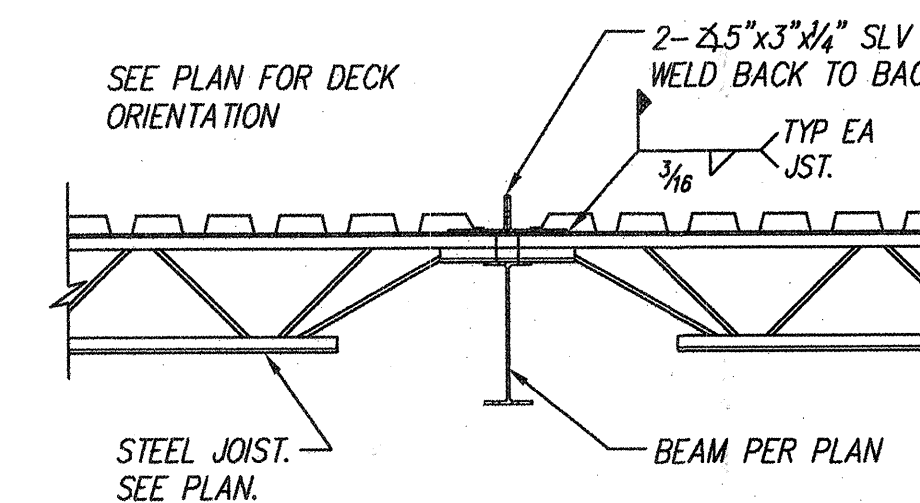


NO.	DATE	REVISIONS/REMARKS	BY	ENGINEER'S STAMP	SURVEY INFORMATION			BENCH MARK	AS BUILT INFORMATION	
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					NO.	BY	DATE	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	WORK STAKED BY	DATE:
					61401g	WILSON & CO	10/20/04		INSPECTOR'S APPROVAL	DATE:
						CITY SURVEYOR	09/08/05		FIELD VERIFICATION BY	DATE:
									DRAWING CORRECTED BY	DATE:
									MICRO-FILM INFORMATION	
								RECORDED BY		DATE:
DESIGNED BY: J.C.M.				DATE: 09/05						
DRAWN BY: JLP				DATE: 10/05						
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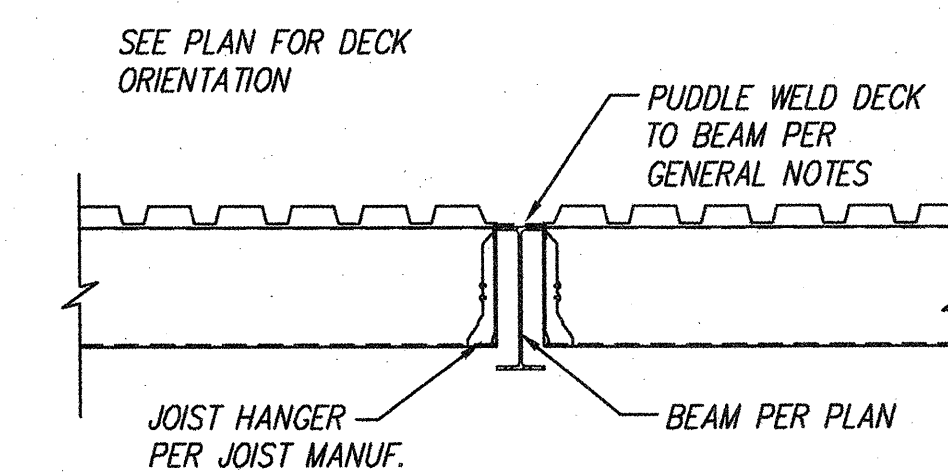
				G. DONALD DUDLEY AIA 	
Kells + Craig		Architects, Inc. AIA			
400 Gold SW Suite 880 Albuquerque, New Mexico 87102		(505) 243-2724			
CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION					
TITLE: SEDIMENT CONTROL DETAILS ALBUQUERQUE BICYCLE PARK PH. 1					
Design Review Committee		City Engineer Approval		<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Last Design Update </div>	
				NO. / DAY / YR.	
				NO. / DAY / YR.	
City Project No.		Zone Map No. L-15		Sheet 6 OF 6	



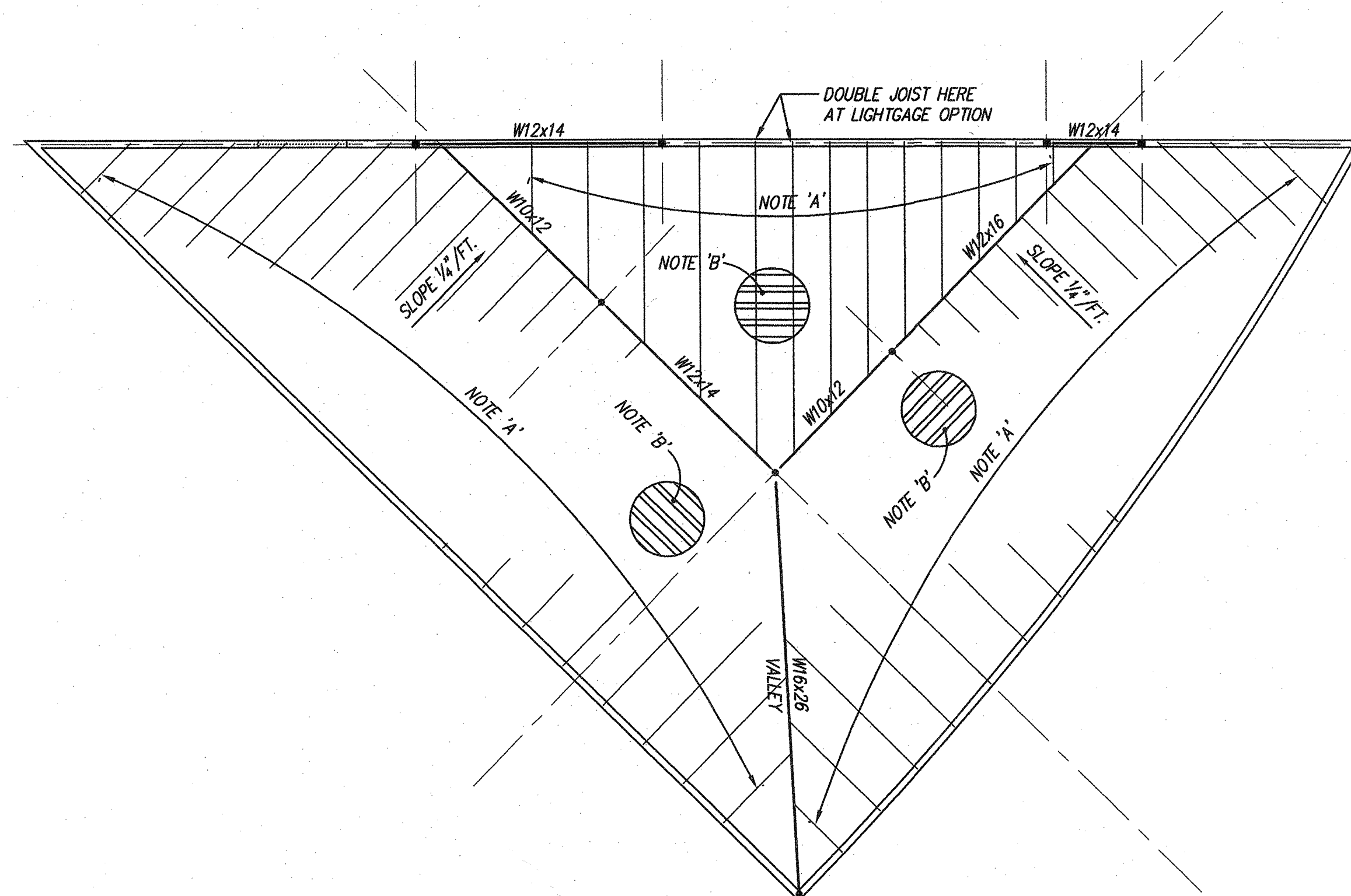
1 Foundation / Floor Plan
SCALE: 1/8" = 1'-0"



TYPICAL GIRDER AT
STEEL JOIST OPTION
SCALE : $3/4" = 1'-0"$



TYPICAL GIRDER AT
LIGHTGAGE JOIST OPTION
SCALE : $3/4" = 1'-0"$



2 Roof Framing Plan
SCALE: 1/8" = 1'-0"

NOTE 'A' 2"x10" x12GA. METAL JOISTS AT 32" O.C.
S_{MIN}= 3.84 IN.³ &M_{MIN}= 19.18 IN.⁴
OR:
12K1 STEEL JOISTS AT 4'-0" O.C.

NOTE 'B' 1½" TYPE 'B' 22 GA. PAINTED METAL DECK.
S_{MIN} = 186 IN.³ &M_{MIN} = 167 IN.⁴
SEE GENERAL NOTES FOR DECK WELDS.

NOTE 'C' STEEL JOIST BRIDGING PER STEEL JOIST INSTITUTE
RECOMMENDATIONS AND OSHA REQUIREMENTS.

NOTE: SEE TYPICAL DETAIL SHEET FOR REQUIRED DECK
SUPPORT FRAMING AT METAL DECK OPENINGS
GREATER THAN 8". THIS SUPPORT FRAMING IS TO
BE PROVIDED FOR ALL DECK PENETRATIONS,
INCLUDING THOSE NOT SHOWN ON STRUCTURAL
DRAWINGS. COORDINATE WITH ARCHITECTURAL,
MECHANICAL, PLUMBING, AND ELECTRICAL
DRAWINGS FOR OTHER DECK PENETRATIONS.

NOTE: SEE MECHANICAL DRAWINGS FOR ROOF TOP UNITS,
PENETRATIONS, ETC.

STEEL JOIST NOTE:

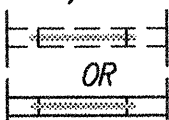
STEEL JOISTS HAVE BEEN SIZED FOR DESIGN CRITERIA NOTED ON SHEET _____ AND INCLUDE MECHANICAL UNIT WEIGHTS AND LOCATIONS INDICATED.

CONTRACTOR SHALL VERIFY ACTUAL MECHANICAL UNIT WEIGHTS AND LOCATIONS AND SUBMIT TO THE ENGINEER FOR REVIEW ALONG WITH THE JOIST SHOP DRAWINGS. CONTRACTOR SHALL INCLUDE IN THE BASE BID THE COST OF POTENTIAL JOIST RESIZING DUE TO REVISIONS OF THE MECHANICAL UNITS SIZE, WEIGHT OR LOCATION.

/B OR (X'-X") INDICATES TOP OF BEAM ELEVATION


T.O.W. INDICATES TOP OF WALL ELEVATION

J/B INDICATES JOIST BEARING ELEVATION

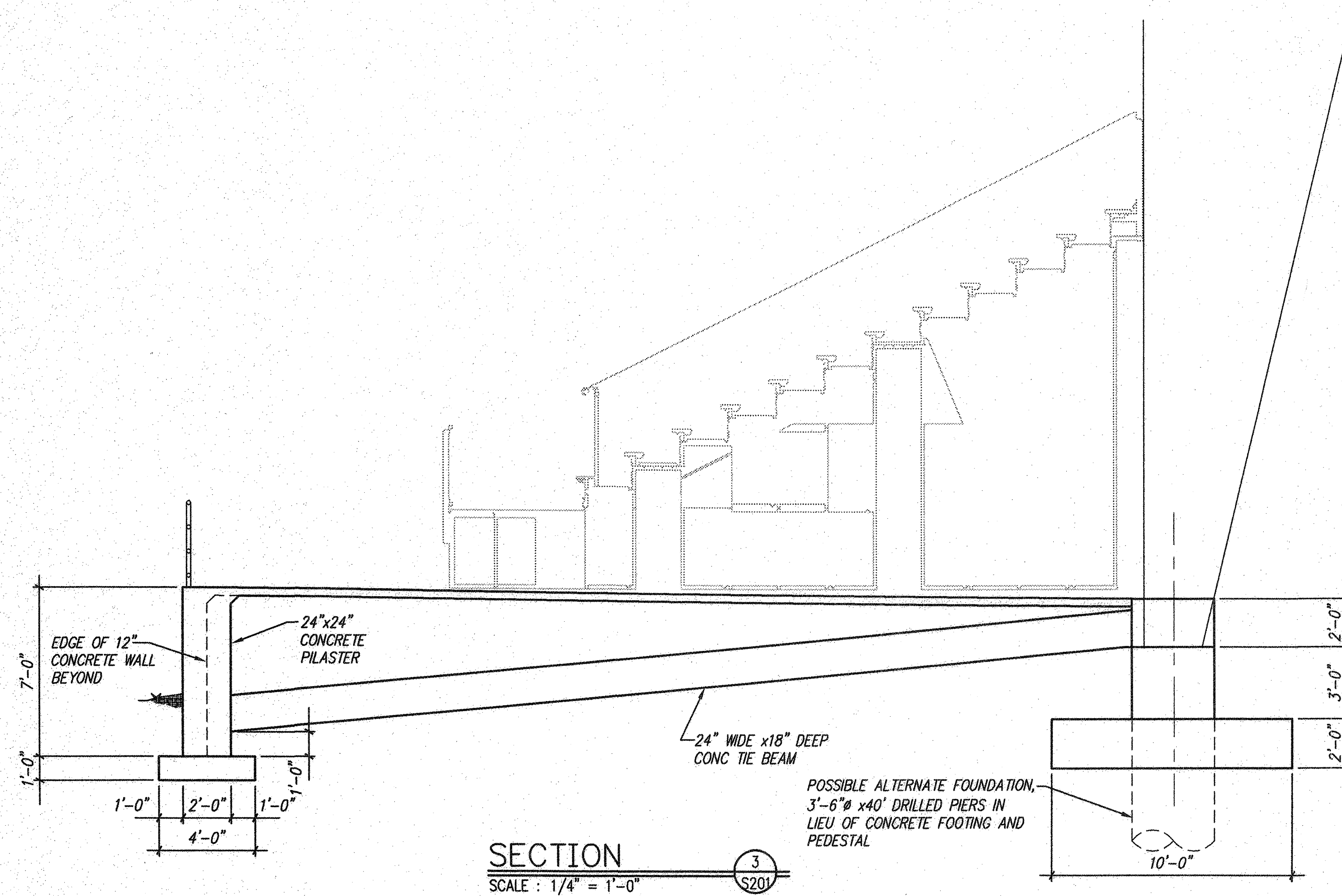
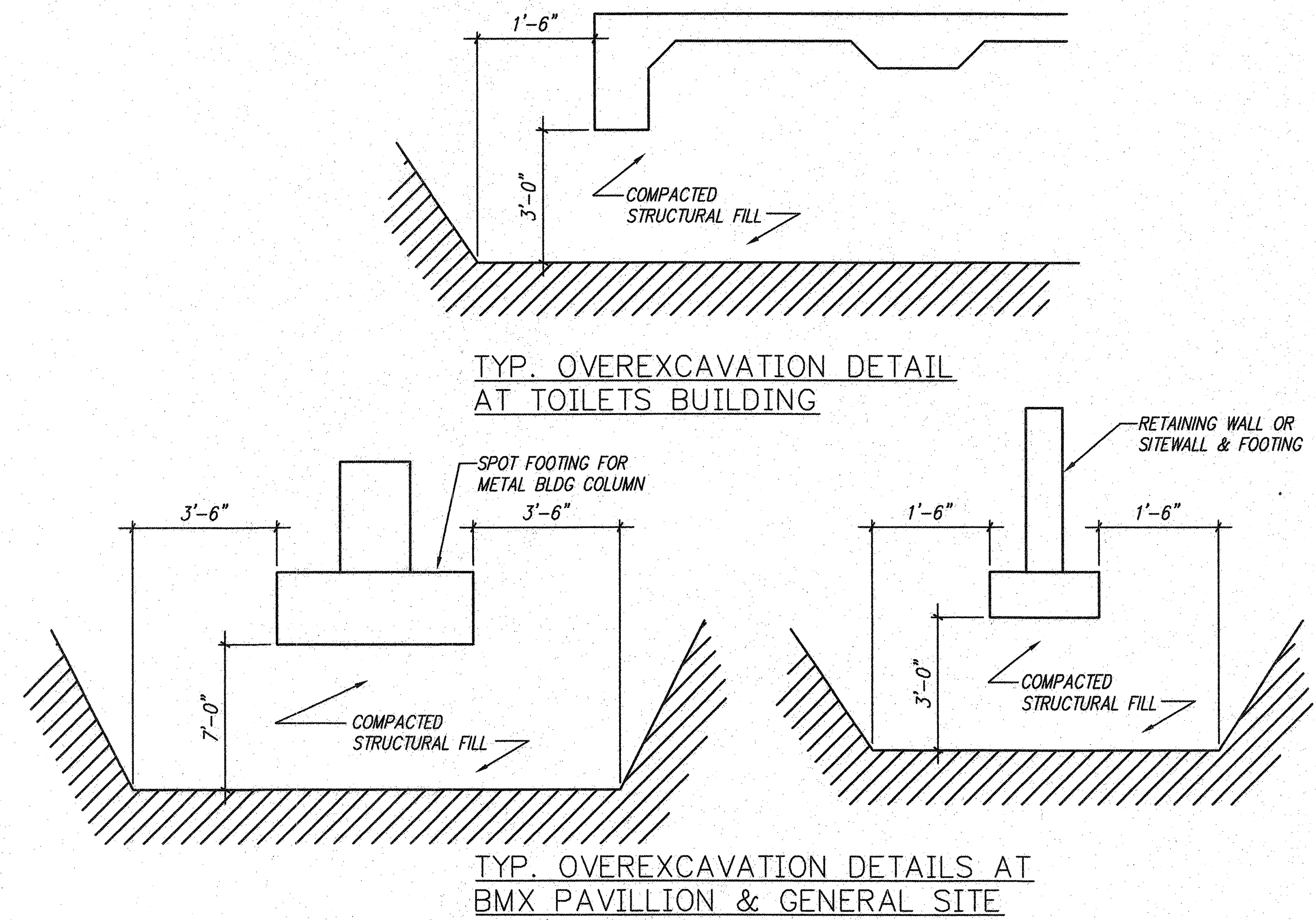
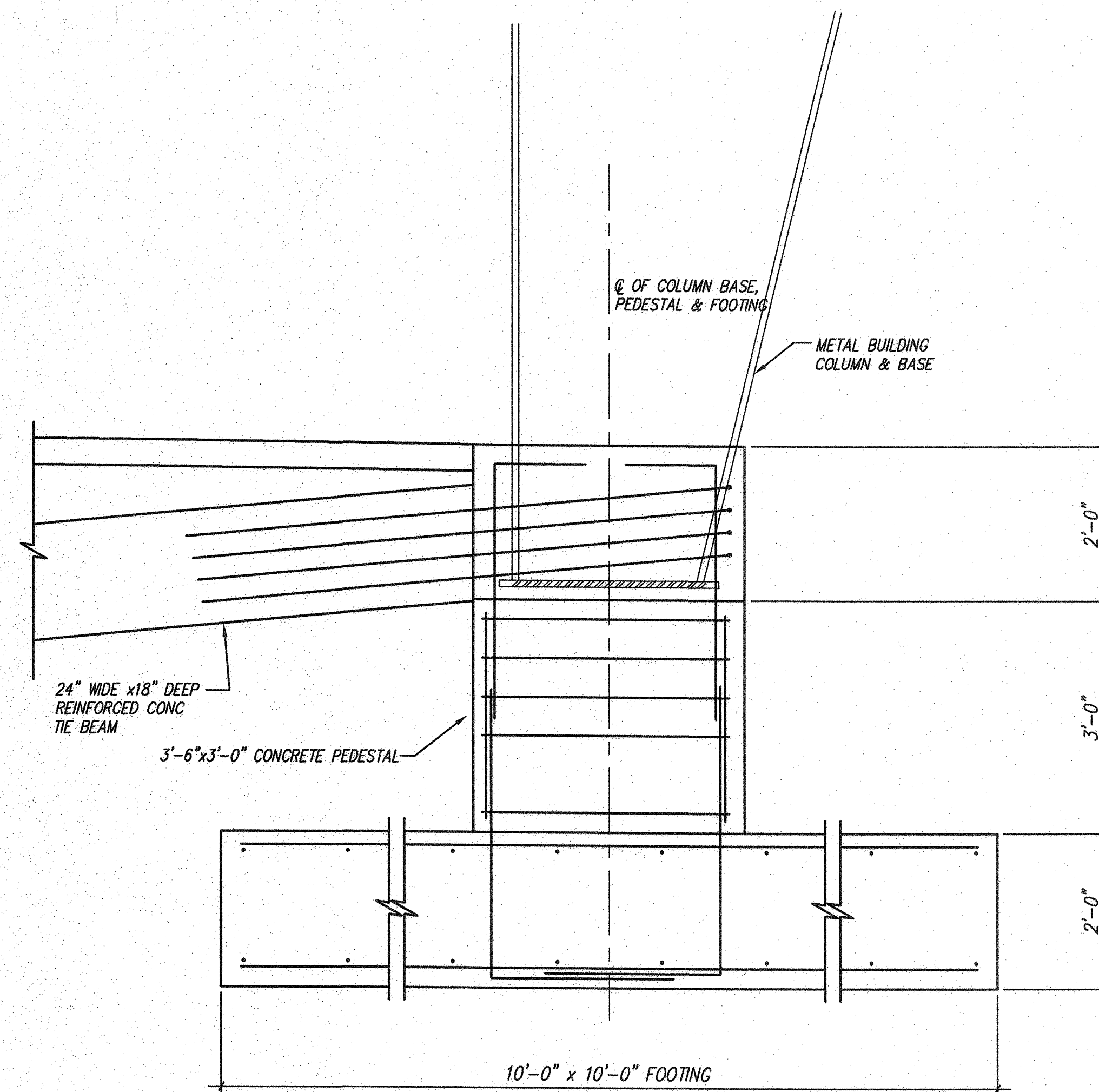
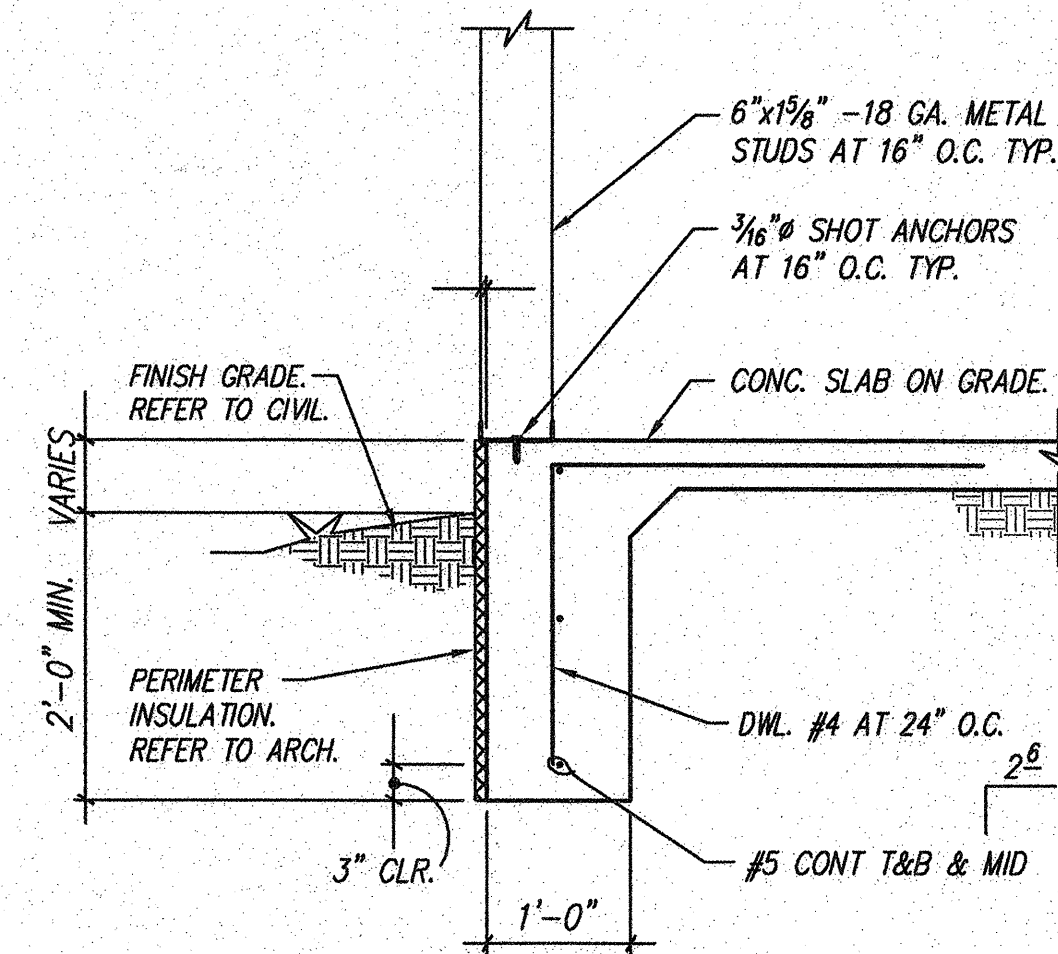
 INDICATES CMU LINTEL. SEE TYPICAL DETAILS AND SCHEDULE ON SHEET _____.

NOTE: SEE STRUCTURAL GENERAL NOTES, STRUCTURAL EARTHWORK NOTES, AND TYPICAL DETAILS LOCATED AT THE BEGINNING OF THE STRUCTURAL DRAWINGS. THESE NOTES AND DETAILS ARE APPLICABLE WHETHER OR NOT DIRECT REFERENCE TO THEM IS MADE ELSEWHERE.

NO.	DATE	REVISIONS/REMARKS	BY	ARCHITECT'S STAMP	SURVEY INFORMATION FIELD NOTES	BENCH MARK ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	AS BUILT INFORMATION
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					BY		WORK STAKED BY DATE:
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DRAWN BY:		DATE:					

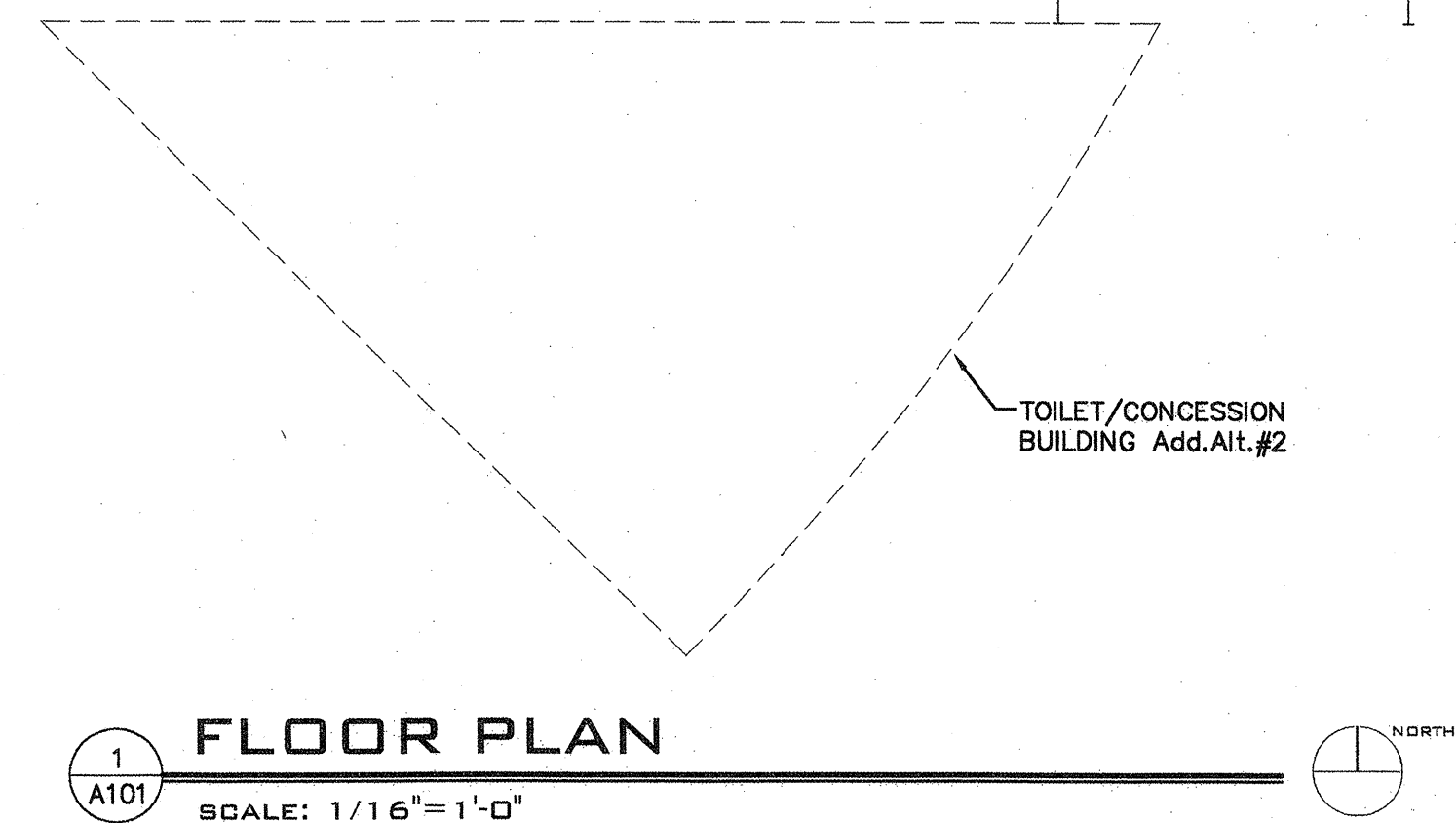
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<div style="font-size: 0.8em; margin-bottom: 5px;">G. DONALD DUDLEY ARCHITECTS</div> <div style="font-size: 0.7em;"> SINCE 1968 STUDIO 8 400 GOLD AVENUE ALBUQUERQUE, NEW MEXICO 87102 TEL 505.243.2724 FAX 505.243.8111 </div>		
<div style="font-size: 0.8em; margin-bottom: 5px;">CITY OF ALBUQUERQUE</div> <div style="font-size: 0.8em; margin-bottom: 5px;">PARKS AND GENERAL SERVICES</div> <div style="font-size: 0.8em;">DESIGN & DEVELOPMENT DIVISION</div>		
<div style="font-size: 0.8em; margin-bottom: 5px;">TITLE:</div> <div style="font-size: 1.5em; font-weight: bold;">ALBUQUERQUE BICYCLE PARK PH.</div>		
<div style="font-size: 0.7em; font-weight: bold;">Design Review Committee</div>	<div style="font-size: 0.7em; font-weight: bold;">City Engineer Approval</div>	<div style="font-size: 0.7em; font-weight: bold; writing-mode: vertical-rl; transform: rotate(180deg);">Last Design Update</div> <div style="font-size: 0.7em; font-weight: bold; margin-top: 5px;"> NO./DAY/YR. NO./DAY/YR. </div> <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div>
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100% BINDER

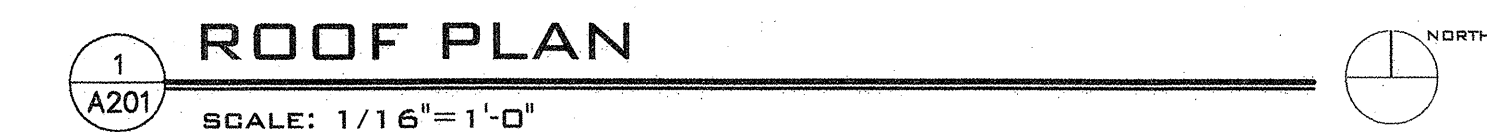


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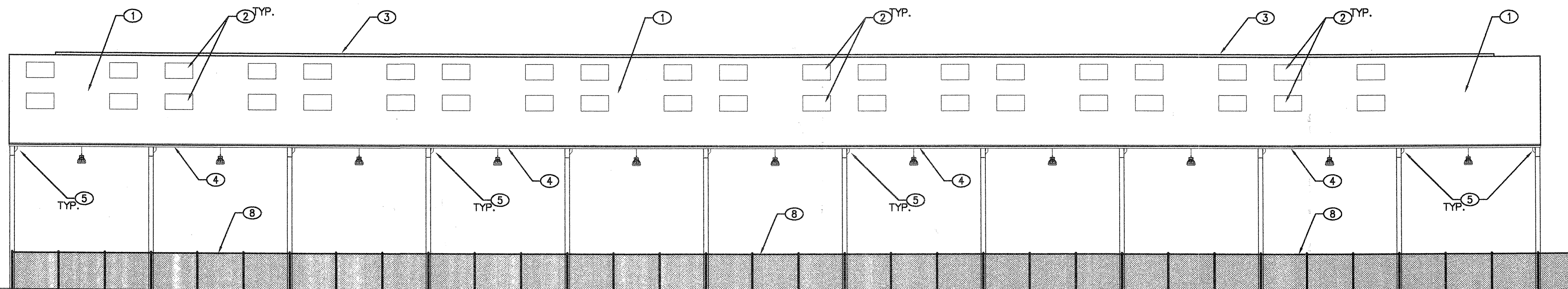
<p>G. DONALD DUDLEY AIA</p> <p>ARCHITECT</p> <p>SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 8 7 2 1 5 0 2 TEL 505.243.8100 FAX 505.243.8101</p>																			
<p>ICES VISION</p> <p>PARK PH. 1</p> <table border="1"> <thead> <tr> <th>MO./DAY/YR.</th> <th>MO./DAY/YR.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></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> <tr><td> </td><td> </td></tr> </tbody> </table> <table border="1"> <tr> <td>Sheet XX</td> <td>Of 8</td> </tr> <tr> <td colspan="2">5201</td> </tr> </table>		MO./DAY/YR.	MO./DAY/YR.													Sheet XX	Of 8	5201	
MO./DAY/YR.	MO./DAY/YR.																		
Sheet XX	Of 8																		
5201																			



 <h2 style="margin: 0;">Kells + Craig</h2> <p>400 GOLD SW Suite 880 Albuquerque, New Mexico 87102</p>	 <h2 style="margin: 0;">Architects, Inc. AIA</h2> <p>(505) 243-2724</p>	<p>G. DONALD DUDLEY AIA</p> <div style="background-color: black; color: white; text-align: center; padding: 5px; font-weight: bold; font-size: 1.2em;">ARCHITECT</div> <p>SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 8 7 1 0 2 TEL 505.243.8100 FAX 505.243.8101</p>
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OCTOBER 4, 2005	Design Review Committee	City Engineer Approval	Last Design Update	MD/2DAY/YR.	MD/2DAY/YR.
	City Project No. 7345-90	Zone Map No. L-15-Z		Sheet 5	Of 69 A201



GENERAL NOTES

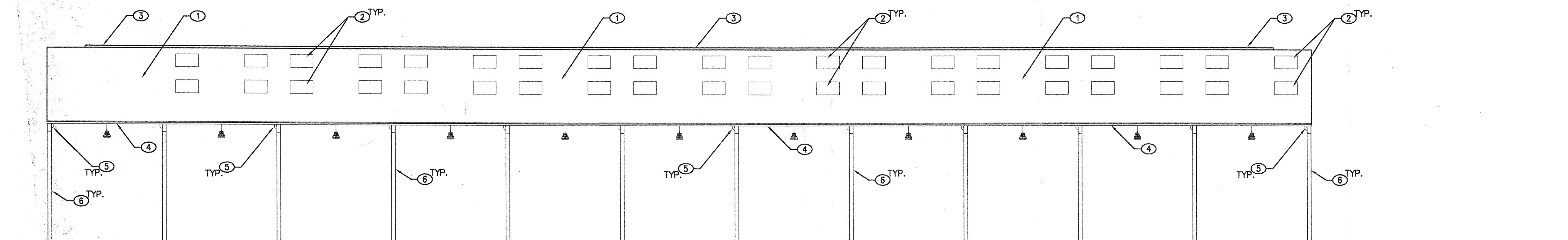
- DO NOT SCALE DRAWINGS
- CONTRACTOR TO COORDINATE ALL DRAWINGS PRIOR TO CONSTRUCTION
- VERIFY EXISTING CONDITIONS IN FIELD. BRING DISCREPANCIES TO THE ATTENTION OF ARCHITECT
- DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED
- F.F. INDICATES THAT THE DIMENSION IS A CRITICAL FINISHED DIMENSION MEASURED FROM FINISHED FACE TO FINISHED FACE
- TOP OF TRACK AREA RETAINING WALL AND CONCOURSE LEVEL INDICATED AS 100'-0". ALL VERTICAL DIMENSIONS ARE MEASURED FROM THIS POINT

KEYED NOTES

- PREFINISHED METAL ROOF PANEL, SLOPE 2:12
- 6'x20' CLEAR SKYLIGHT PANEL WITH PROFILE TO MATCH ROOFING PANELS
- PREFINISHED RIDGE VENT BY METAL PANEL MANUFACTURER, COLOR TO MATCH ROOF PANEL
- METAL GUTTER PREFINISHED TO MATCH ROOFING PANEL COLOR
- PROVIDE PREFINISHED DOWNSPOUT, AND ATTACH MANUFACTURERS HANGERS TO STEEL FRAME, REF. CIVIL FOR HARD PIPED CONNECTIONS
- STRUCTURAL STEEL FRAME, FACTORY PRIME AND FIELD TOUCH-UP
- STEEL HANDRAIL AROUND SUB-GRADE TRACK AREA
- 8' CHAIN LINK FENCE ATTACHED TO OUTSIDE FACE OF STRUCTURAL STEEL FRAME

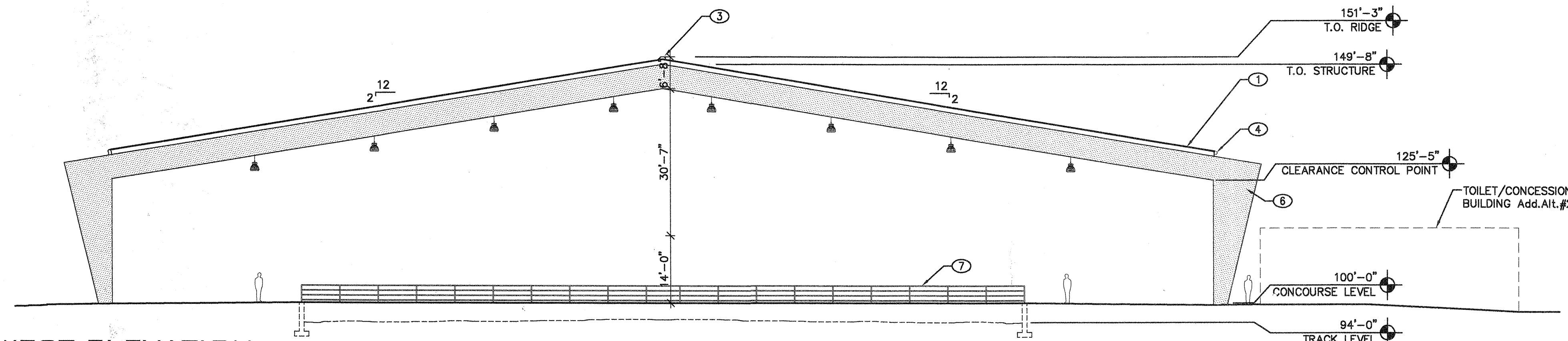
1 SOUTH ELEVATION

SCALE: 1/16"=1'-0"



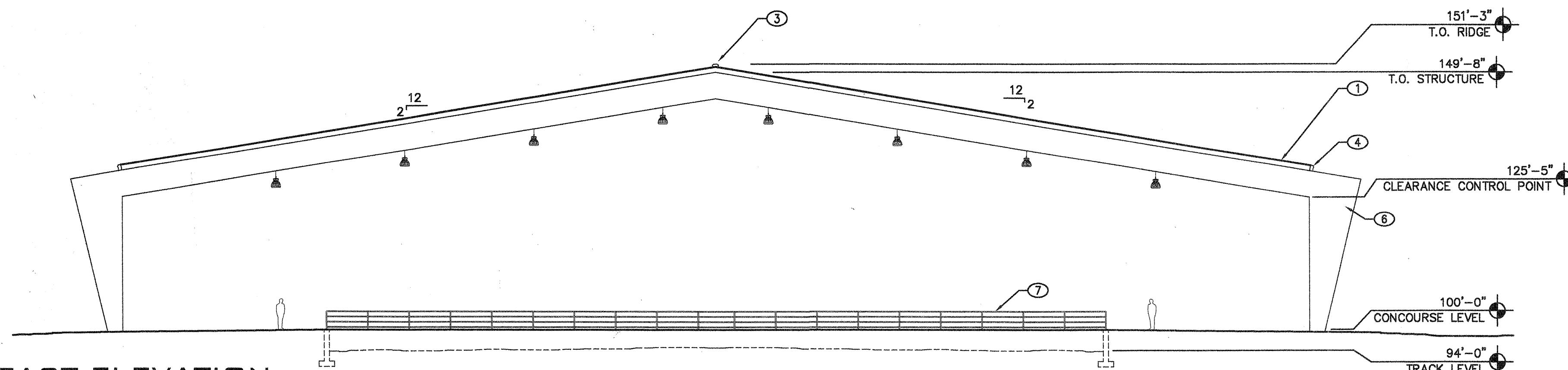
2 NORTH ELEVATION

SCALE: 1/16"=1'-0"



3 WEST ELEVATION

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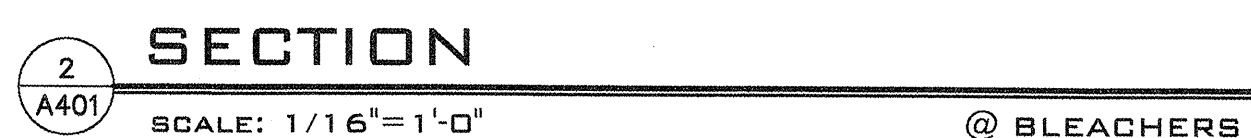
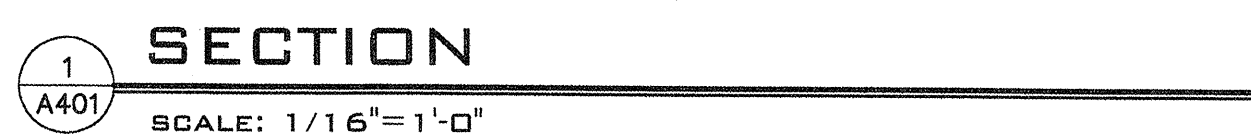
4 EAST ELEVATION


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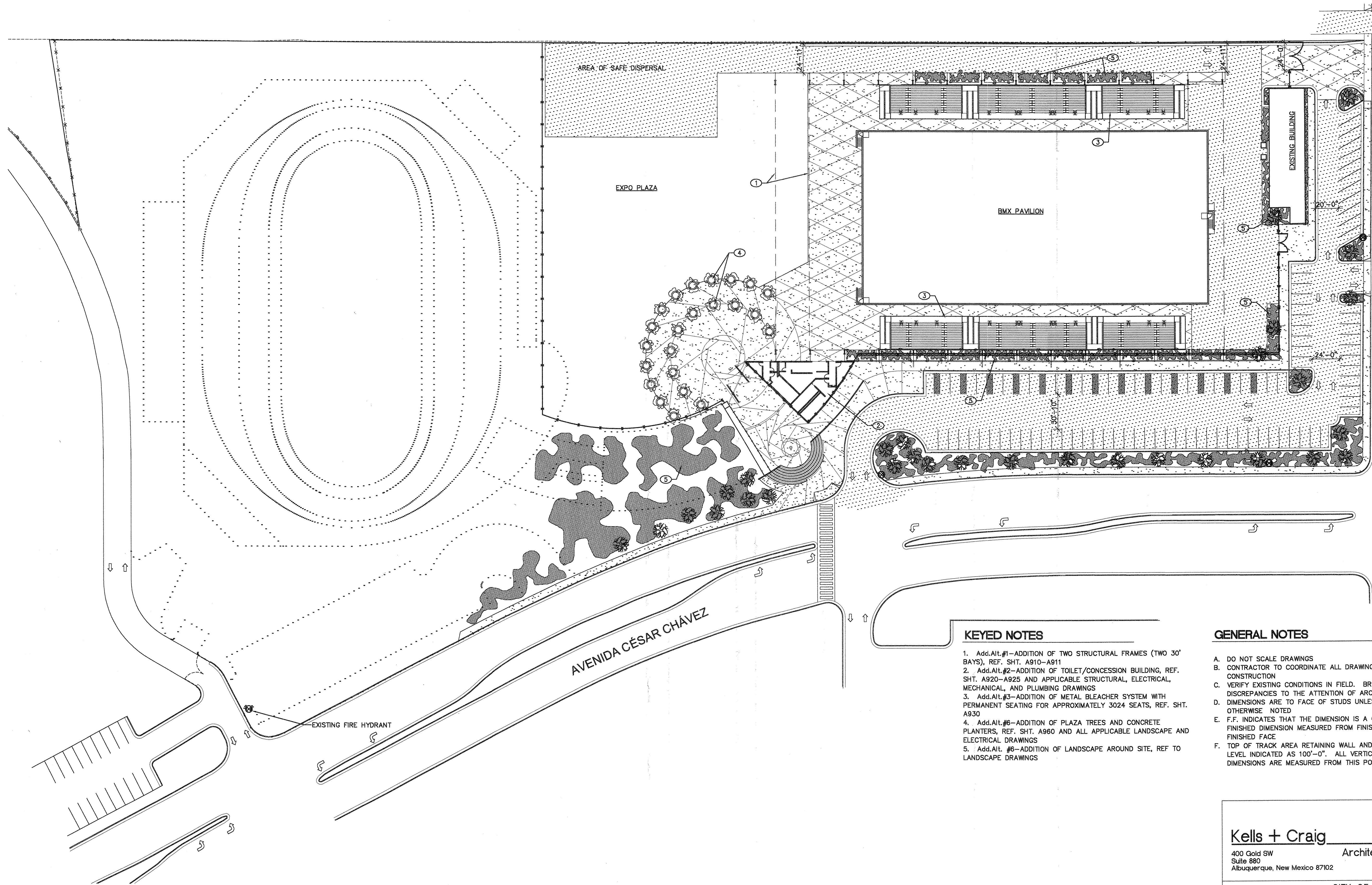
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CONTRACTOR	DATE:	CONTRACTOR	DATE:	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
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INSPECTOR'S APPROVAL	DATE:		DATE:	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
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MICRO-FILM INFORMATION	DATE:		DATE:	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
RECORDED BY	DATE:		DATE:	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE

Kells + Craig 400 Gold SW Suite 880 Albuquerque, New Mexico 87102		G. DONALD DUDLEY AIA ARCHITECT SIMMS TOWER STUDIO 830 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 87102 TEL 505.243.8100 FAX 505.243.8101	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
TITLE: ALBUQUERQUE BICYCLE PARK PH. 1			
Design Review Committee	City Engineer Approval	Update	ML/DAY/YR
City Project No.	Zone Map No.	Sheet 6	Of 69
7345-90	L-15-Z	A301	

OCTOBER 4, 2005



<div style="text-align: center;">  </div> <h2 style="text-align: center; margin: 0;">Kells + Craig</h2> <p style="text-align: center; margin: 0;">400 Gold SW Suite 880 Albuquerque, New Mexico 87102</p>	<p style="text-align: center; margin: 0;">G. DONALD DUDLEY AIA</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 5px 0;"> ARCHITECT </div> <p style="text-align: center; margin: 0; font-size: small;">SIMMS TOWER STUDIO 850 4 0 0 G O L D A V E N U E S W A L B U Q U E R Q U E , N E W M E X I C O 8 7 1 0 2 T E L 5 0 5 . 2 4 3 . 8 1 0 0 F A X 5 0 5 . 2 4 3 . 8 1 0 1</p>											
<p style="margin: 0;">CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT</p>												
<p style="margin: 0;">TITLE:</p> <h1 style="text-align: center; margin: 0;">ALBUQUERQUE BICYCLE PARK PH.</h1>												
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MO/DAY/YR	MO/DAY/YR											
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1
A900
SCALE: 1"=40'-0"
ADD. ALT. #1-6
NORTH

KEYED NOTES

1. Add.Alt.#1-ADDITION OF TWO STRUCTURAL FRAMES (TWO 30' BAYS), REF. SHT. A910-A911
2. Add.Alt.#2-ADDITION OF TOILET/CONCESSION BUILDING, REF. SHT. A920-A925 AND APPLICABLE STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS
3. Add.Alt.#3-ADDITION OF METAL BLEACHER SYSTEM WITH PERMANENT SEATING FOR APPROXIMATELY 3024 SEATS, REF. SHT. A930
4. Add.Alt.#6-ADDITION OF PLAZA TREES AND CONCRETE PLANTERS, REF. SHT. A960 AND ALL APPLICABLE LANDSCAPE AND ELECTRICAL DRAWINGS
5. Add.Alt. #6-ADDITION OF LANDSCAPE AROUND SITE, REF TO LANDSCAPE DRAWINGS

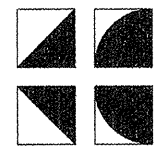
GENERAL NOTES

- A. DO NOT SCALE DRAWINGS
- B. CONTRACTOR TO COORDINATE ALL DRAWINGS PRIOR TO CONSTRUCTION
- C. VERIFY EXISTING CONDITIONS IN FIELD. BRING DISCREPANCIES TO THE ATTENTION OF ARCHITECT
- D. DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED
- E. F.F. INDICATES THAT THE DIMENSION IS A CRITICAL FINISHED DIMENSION MEASURED FROM FINISHED FACE TO FINISHED FACE
- F. TOP OF TRACK AREA RETAINING WALL AND CONCOURSE LEVEL INDICATED AS 100'-0". ALL VERTICAL DIMENSIONS ARE MEASURED FROM THIS POINT

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G. DONALD DUDLEY AIA

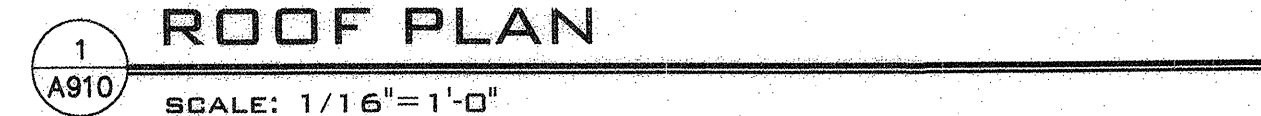
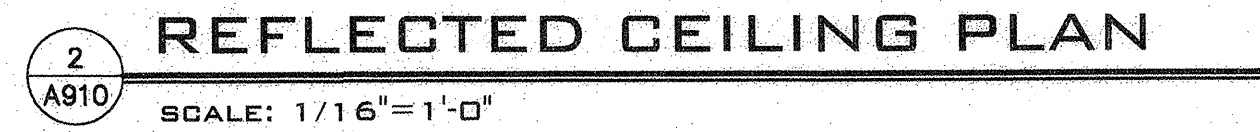
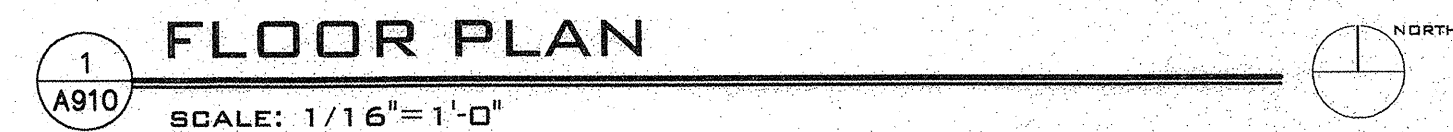
ARCHITECT

SIMMS TOWER STUDIO 850
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ALBUQUERQUE, NEW MEXICO
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TEL 505.243.8100
FAX 505.243.8101

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL
DEVELOPMENT


TITLE:
ALBUQUERQUE BICYCLE PARK PH. 1

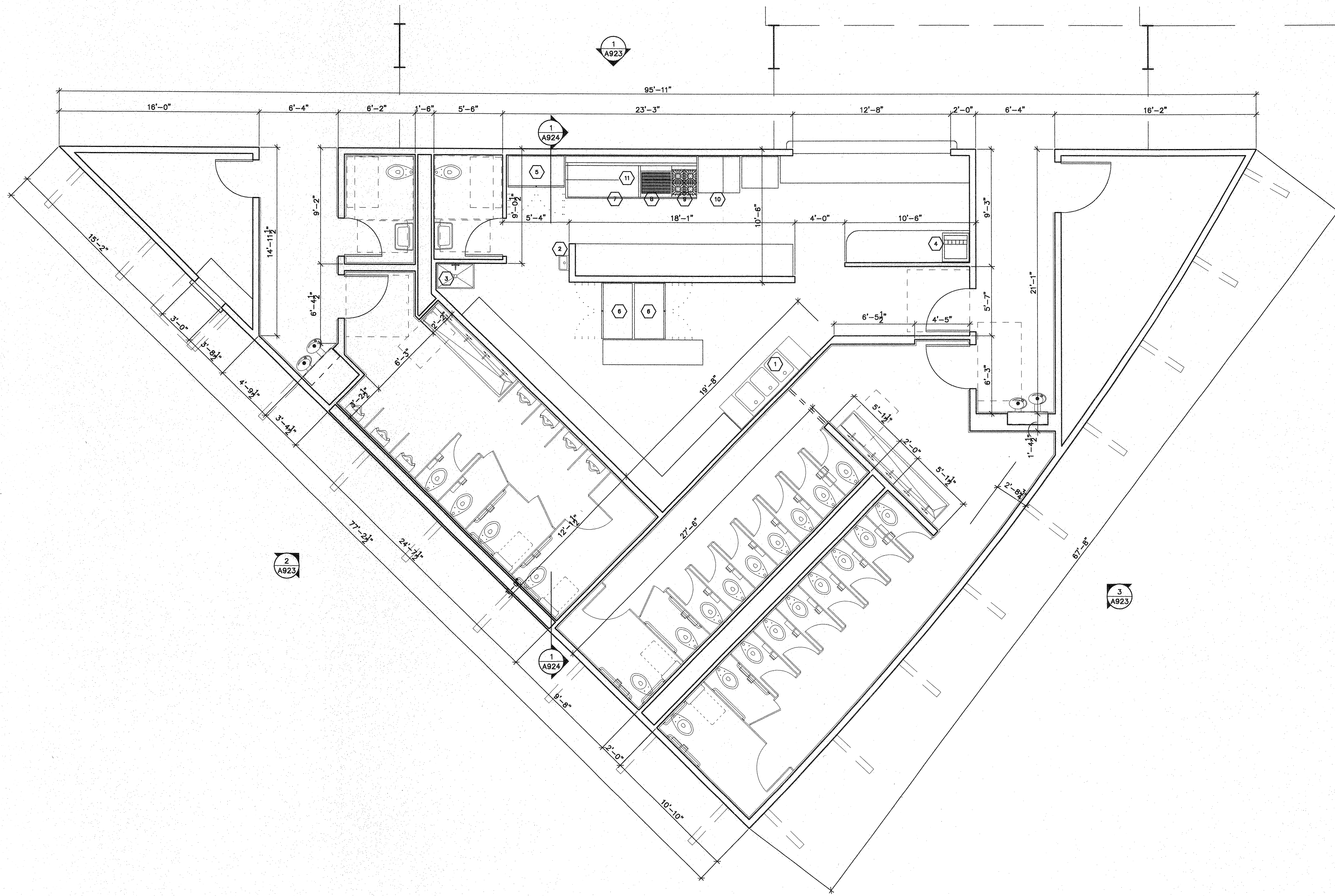
OCTOBER 4, 2005	Design Review Committee	City Engineer Approval	Last Design Update	MO/DAY/YR.	MO/DAY/YR.
City Project No.		Zone Map No.	Sheet 2		Of 69
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1. STRUCTURAL STEEL FRAME, PART OF BASE BID.
2. STRUCTURAL STEEL FRAME, Add.Alt.#1, FACTORY PRIME AND FIELD TOUCH-UP
3. ALIGN EAVE OF ROOF STRUCTURE WITH INSIDE FACE OF STEEL FRAMES
4. EDGE OF ROOF RAKE ABOVE
- 5-9. not used
10. STEEL Z-PURLIN SIZE AND SPACING AS DETERMINED BY METAL BUILDING ENGINEER, FACTORY PRIME AND FIELD TOUCH-UP AS REQUIRED
11. LATERAL SUPPORT FOR EXPOSED FRAME, SIZE AND SPACING AS DETERMINED BY METAL BUILDING ENGINEER, FACTORY PRIME AND FIELD TOUCH-UP
12. PREFINISHED METAL ROOF PANEL, SLOPE 2:12
13. PREFINISHED RIDGE VENT BY METAL PANEL MANUFACTURE, COLOR TO MATCH ROOF PANEL
14. METAL GUTTER PREFINISHED TO MATCH ROOFING PANEL COLOR
15. PROVIDE PREFINISHED DOWNSPOUT, AND ATTACH MANUFACTURER'S HANGERS TO STEEL FRAME, REF. CIVIL FOR HARD PIPED CONNECTIONS

</

Kells + Craig 400 Gold SW Suite 880 Albuquerque, New Mexico 87102		G. DONALD DUDLEY AIA ARCHITECT SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 8 7 1 0 2 TEL 5 0 5 . 2 4 3 . 8 1 0 0 FAX 5 0 5 . 2 4 3 . 8 1 0 1												
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT														
TITLE: <div style="font-size: 24px; font-weight: bold; text-align: center;">ALBUQUERQUE BICYCLE PARK PH. 1</div>														
Design Review Committee	City Engineer Approval	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">MO./DAY/YR.</th> <th style="width: 50%; text-align: center;">MO./DAY/YR.</th> </tr> </thead> <tbody> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> </tbody> </table>	MO./DAY/YR.	MO./DAY/YR.										
MO./DAY/YR.	MO./DAY/YR.													
City Project No.		Zone Map No.												
7345-90		L-15-Z												
Sheet 6		Of 69												
<div style="font-size: 24px; font-weight: bold;">A911</div>														



GENERAL NOTES

- A. DO NOT SCALE DRAWINGS
- B. CONTRACTOR TO COORDINATE ALL DRAWINGS PRIOR TO CONSTRUCTION
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KEYED NOTES

1.

EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
1	STAINLESS STEEL 3 COMPARTMENT SINK w/ 18" DRAIN BOARDS ON EACH SIDE. PROVIDE FLOOR SINK w/ 1" AIR GAP, AND IN-LINE GREASE TRAP.
2	STAINLESS STEEL 10"x14" WALL MOUNTED HANDWASHING SINK w/ HAND SOAP AND PAPER TOWEL DISPENSER
3	SMC PLASTIC COMPOSITE 24"x36" CURBED MOP SERVICE BASIN & WALL MOUNTED SERVICE FAUCET w/ VACUUM BREAKER
4	SOFTDRINK DISPENSING UNIT
5	STORAGE FREEZER
6	STORAGE REFRIGERATOR
7	GAS GRIDDLE
8	GAS CHAR BROILER
9	GAS 4 BURNER RANGE
10	FRYER AND FOOD WARMER
11	OVERHEAD CLASS 1 HOOD
•	
•	

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECT'S STAMP		REVISIONS/REMARKS		NO.		DATE	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15		FIELD NOTES	BY								
WORK STAGED BY	DATE:												
INSPECTOR'S APPROVAL	DATE:												
FIELD VERIFICATION BY	DATE:												
DRAWING CORRECTED BY	DATE:												
MICRO-FILM INFORMATION	DATE:												
RECORDED BY	DATE:												
NO.													

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CITY OF ALBUQUERQUE
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ALBUQUERQUE BICYCLE PARK PH. 1

Design Review Committee	City Engineer Approval	NO./DAY/YR.	NO./DAY/YR.

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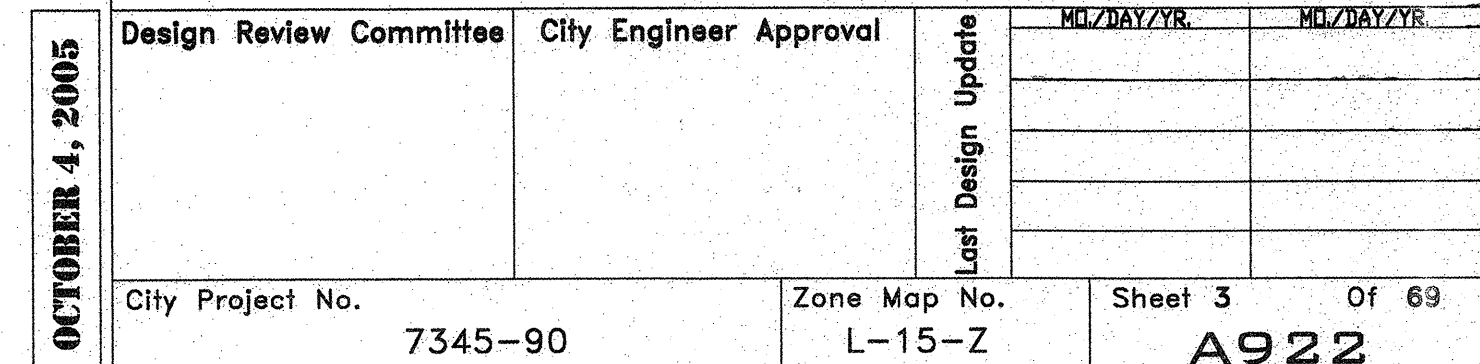
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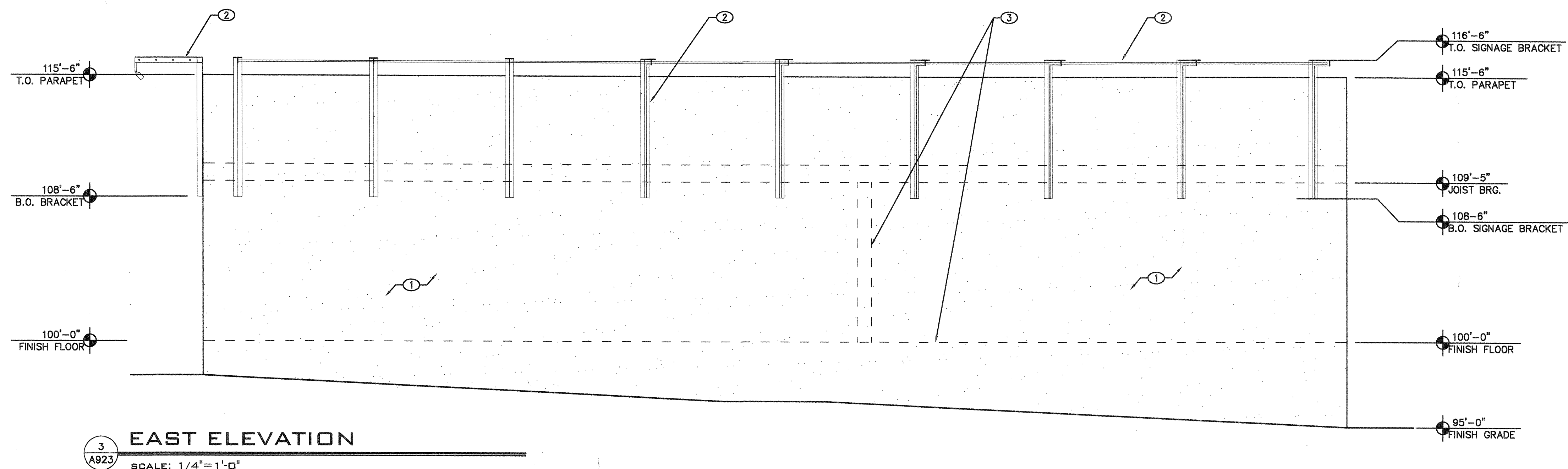
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NO.	DATE	REVISIONS/REMARKS	BY	ARCHITECT'S STAMP	SURVEY INFORMATION FIELD NOTES	BENCH MARK ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	AS BUILT INFORMATION
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							WORK STAKED BY DATE:
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							FIELD VERIFICATION BY DATE:
							DRAWING CORRECTED BY DATE:
							MICRO-FILM INFORMATION
							RECORDED BY DATE:
							NO.

DESIGNED BY: _____
 DRAWN BY: _____
 DATE: _____
 DATE: _____


 <p style="font-size: 24pt; font-weight: bold; margin-top: 20px;">Kells + Craig</p> <p>400 Gold SW Suite 880 Albuquerque, New Mexico 87102</p>	<p style="font-size: 24pt; font-weight: bold; margin-top: 20px;">G. DONALD DUDLEY AIA</p> <div style="border: 2px solid black; padding: 5px; text-align: center; font-weight: bold; font-size: 18pt; margin: 5px 0;">ARCHITECT</div> <p>SIMMS TOWER STUDIO 85 400 GOLD AVENUE S ALBUQUERQUE, NEW MEXICO 8 7 1 0 TEL 505.243.810 FAX 505.243.810</p>												
<p style="font-size: 18pt;">CITY OF ALBUQUERQUE</p> <p style="font-size: 18pt;">DEPARTMENT OF MUNICIPAL</p> <p style="font-size: 18pt;">DEVELOPMENT</p>													
<p>TITLE:</p> <p style="font-size: 24pt; font-weight: bold;">ALBUQUERQUE BICYCLE PARK PH.</p>													
<p>Design Review Committee</p>	<p>City Engineer Approval</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Last Design Update</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: 10pt;">MO./DAY/YR</th> <th style="font-size: 10pt;">MO./DAY/YR</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </tbody> </table>	MO./DAY/YR	MO./DAY/YR								
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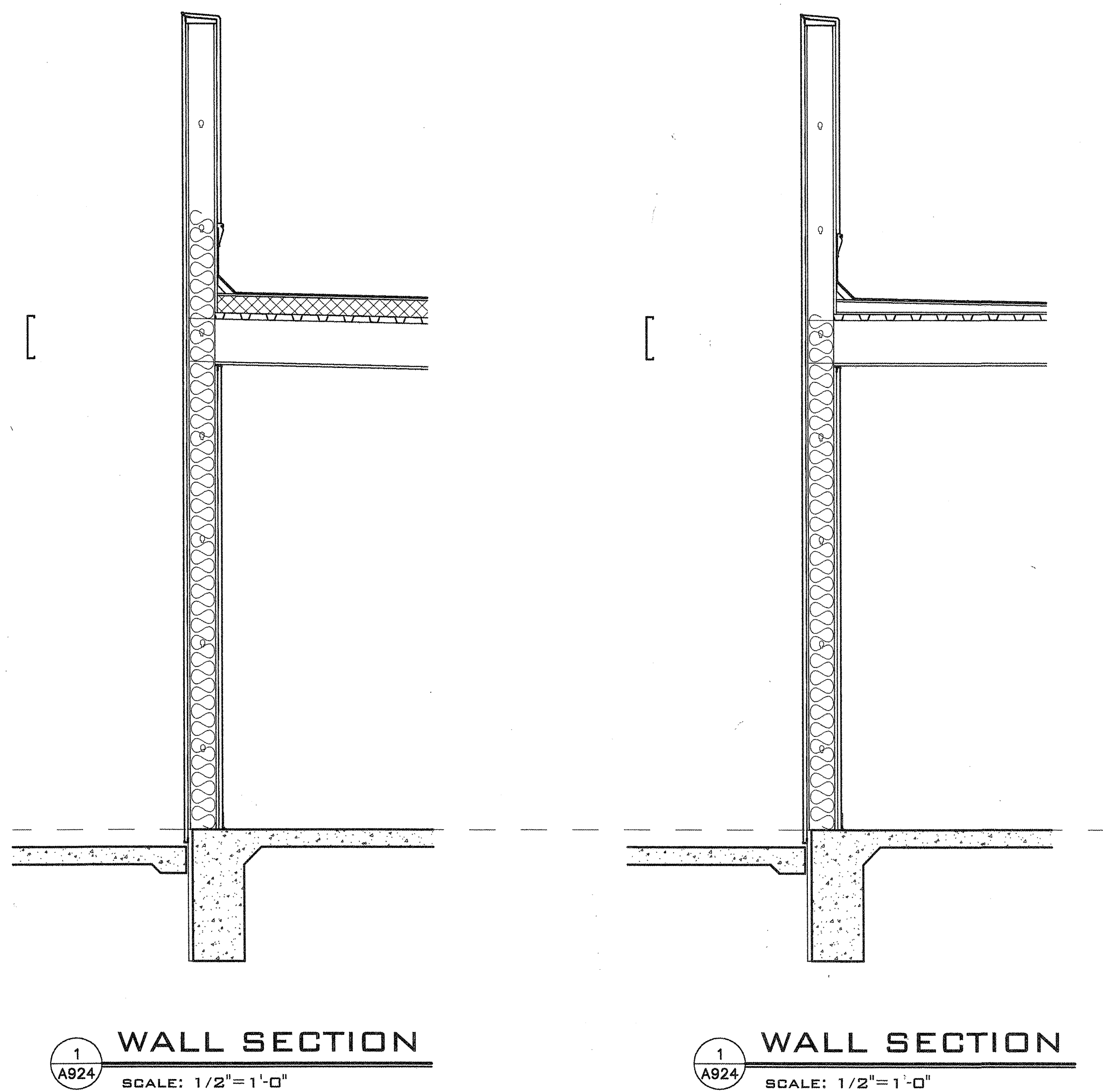


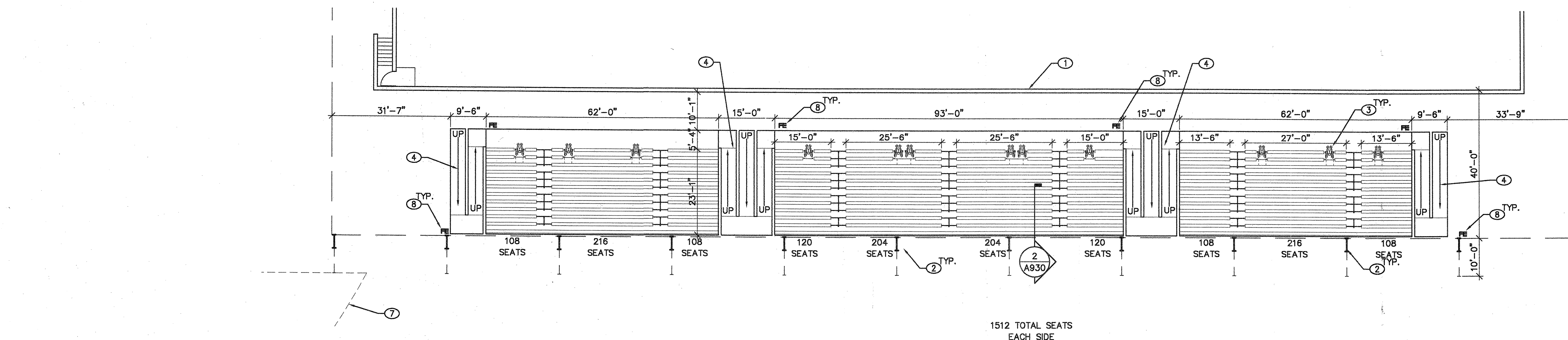


1. PORTLAND CEMENT BASED 3 COAT STUCCO SYSTEM, PAINTED
2. CUSTOM FABRICATED STEEL BANNER DISPLAY SYSTEM, SHOP PRIMED & FIELD PAINTED
3. OUTLINE OF STRUCTURE BEYOND
4. TICKET SALES WINDOW WITH METAL CLAD RAIN PROTECTION OVERHANG
5. CONCESSION WINDOW

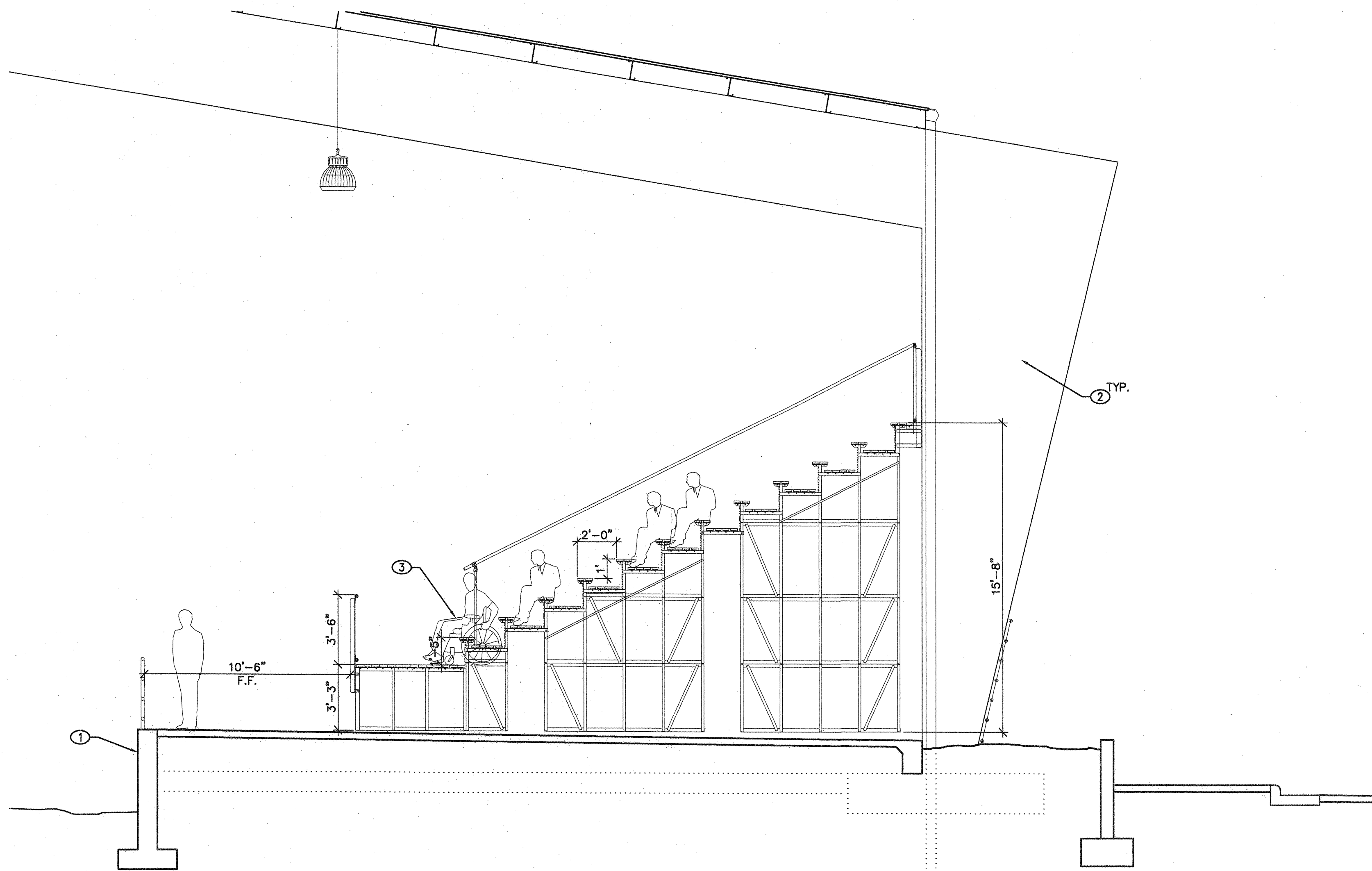
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DESIGNED BY:									
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CHECKED BY:									

 <h2 style="margin: 0;">Kells + Craig</h2> <p>400 Gold SW Suite 880 Albuquerque, New Mexico 87102</p>	<h2 style="margin: 0;">Architects, Inc. AIA</h2> <p>(505) 243-2724</p>	<p>G. DONALD DUDLEY AIA</p> <div style="border: 2px solid black; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">ARCHITECT</div> <p><small>SIMMS TOWER STUDIO 850 400 GOLD AVENUE SW ALBUQUERQUE, NEW MEXICO 8 7 1 0 2 TEL 505.243.8100 FAX 505.243.8101</small></p>
<p>CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT</p>		
<p>TITLE:</p> <h1 style="margin: 0;">ALBUQUERQUE BICYCLE PARK PH. 1</h1>		





1 FLOOR PLAN
SCALE: 1/16"=1'-0"



2 SECTION
SCALE: 1/4"=1'-0"

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KEYED NOTES

- 12" CAST IN PLACE CONCRETE RETAINING WALL, PART OF BASE BID
- STRUCTURAL STEEL FRAME, PART OF BASE BID
- PROVIDE 12 HC_WHEELCHAIR SPACES PER SIDE IN FIRST ROW OF BLEACHER SEATING. IT IS RESPONSIBILITY OF BLEACHER MANUFACTURER TO ENSURE BLEACHER CONSTRUCTION CONFORMS TO ALL APPLICABLE CODES INCLUDING 2003 IBC AND 2003 ANSI
- HC ACCESSIBLE RAMP SLOPE 12:1 BY BLEACHER MANUFACTURER
- not used
- not used
- LOCATION OF TOILET /CONCESSIONS BUILDING Add.Alt.#2
- PROVIDE SURFACE MOUNTED WEATHER TIGHT FIRE EXTINGUISHER CABINET

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECTS STAMP		REVISIONS/REMARKS		DESIGNED BY:		DRAWN BY:		CHECKED BY:		DATE:	
CONTRACTOR	DATE:	WORK STAKED BY	DATE:	FIELD NOTES	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-LT5																	

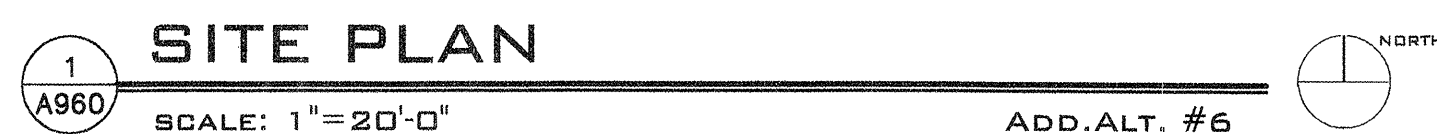
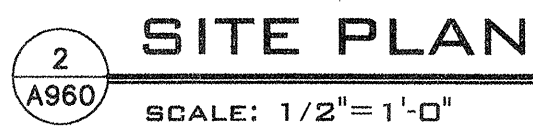
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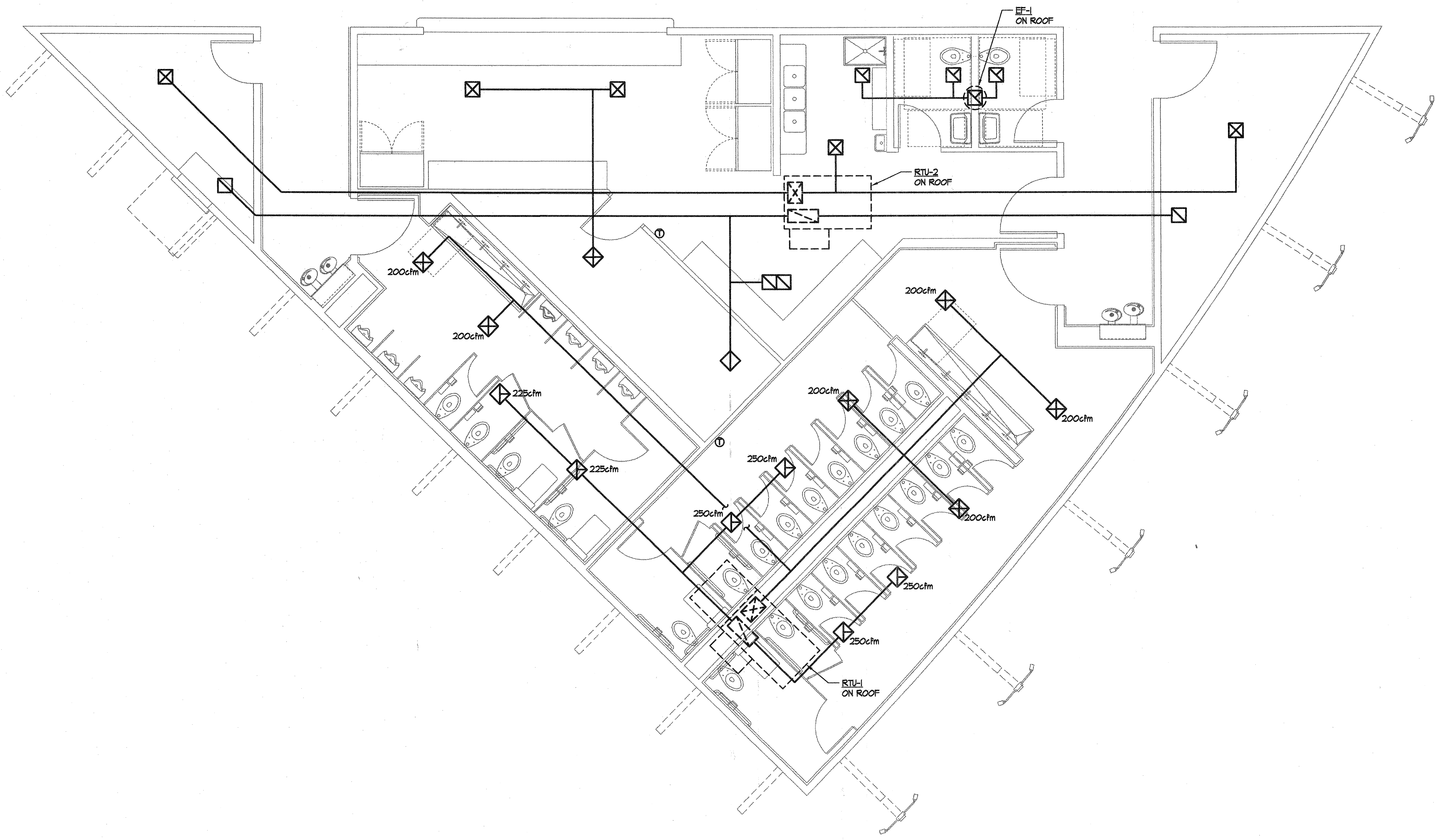
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TITLE:
ALBUQUERQUE BICYCLE PARK PH. 1

OCTOBER 4, 2005	Design Review Committee	City Engineer Approval	HL/DAY/YR	HL/DAY/YR
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1. PROVIDE CAST INPLACE CONCRETE TREE PLANTER, REF. DTL. 2/A960
2. PROVIDE PLANTING AT STREET ENTRANCE AS WELL AS AROUND ARENA AND EXISTING BUILDING, REF. LANDSCAPE DRAWINGS
- 3.



1 HVAC PLAN
SCALE: 1/4" = 1'-0"
NORTH

GENERAL NOTES

KEYED NOTES

SYMBOL LEGEND

- Supply Diffuser
- Return Grille
- Exhaust Grille

EQUIPMENT SCHEDULE

- RTU-1 ROOF TOP UNIT: CARRIER UNIT WITH HEAT RECOVERY (COBRA) UNIT.
- RTU-2 ROOF TOP UNIT: CARRIER UNIT.
- EF-1 EXHAUST FAN: GREENHECK UNIT.

SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
FIELD NOTES		ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15		CONTRACTOR	
NO.		DATE		WORK STAGED BY	
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NO.		DATE		NO.	

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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE:
ALBUQUERQUE BICYCLE PARK PH. 1

Design

Review

Committee

City Engineer Approval

City Project No.
0001

Zone Map No.
L-15-Z

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M 1

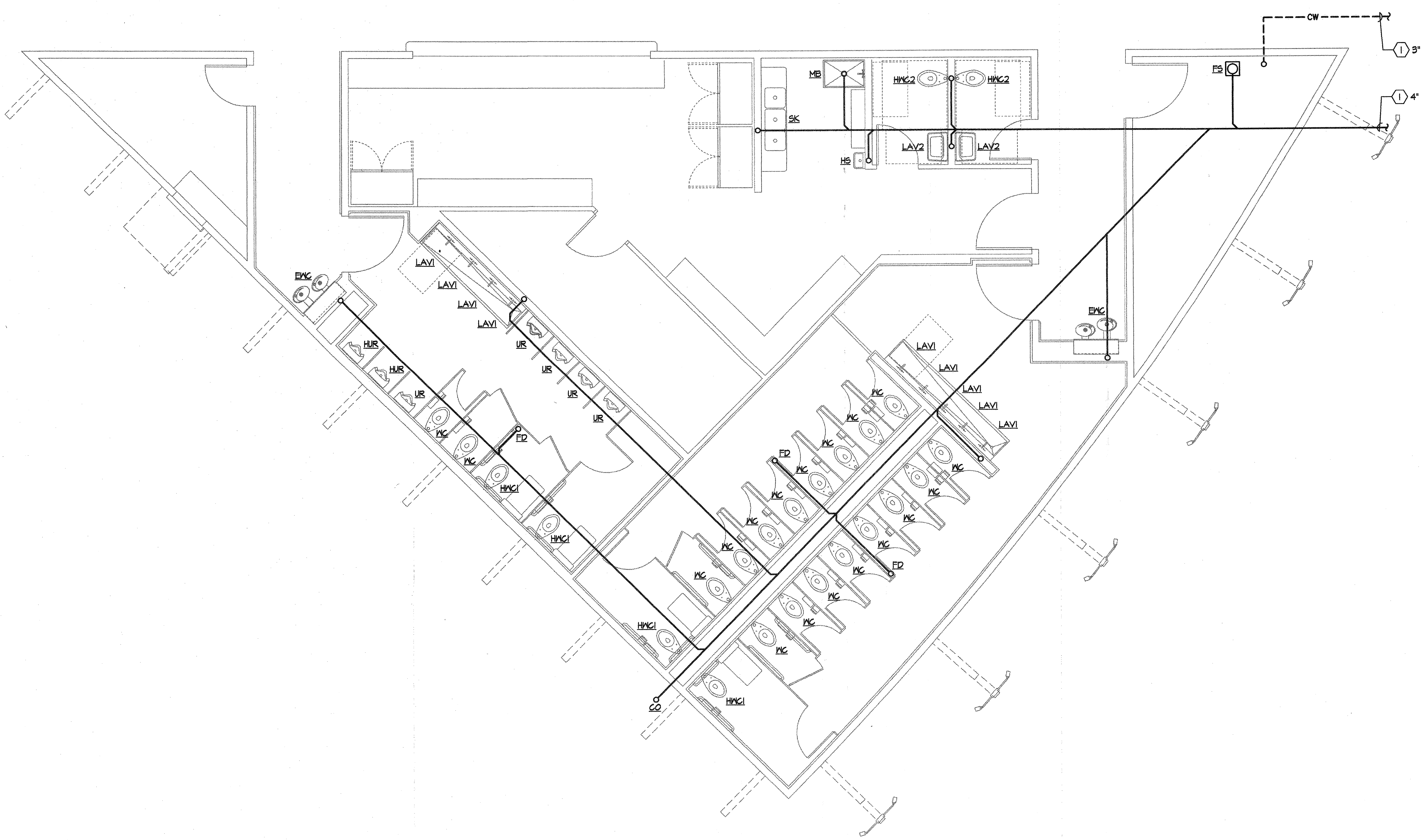
Design Update

NO./DAY/YR.

NO./DAY/YR.

AUGUST 30, 2005

SONALYSTS, INC.
Consulting Engineers
2100 Air Park Place SE
Albuquerque, NM 87106
Phone 505-764-8600
Fax 505-764-8666



GENERAL NOTES

KEYED NOTES

1

FOR CONTINUATION, SEE CIVIL

1

PLUMBING PLAN

SCALE: 1/4"=1'-0"

NORTH

1

AS BUILT INFORMATION

CONTRACTOR

DATE

WORK STAGED BY

DATE

INSPECTOR'S APPROVAL

DATE

FIELD VERIFICATION BY

DATE

DRAWING CORRECTED BY

DATE

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RECORDED BY

DATE

NO.

BENCH MARK

ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE

CONTROL SURVEY MONUMENT: 7-L15

SURVEY INFORMATION

FIELD NOTES

NO.

BY

DATE

ARCHITECTS STAMP

BY

REVISIONS/REMARKS

DATE

DESIGNED BY: L. FEIGHT

DATE: OCT 05

DRAWN BY: S. HAUGLAND

DATE: OCT 05

CHECKED BY: -

DATE: -

1

FIXTURE SCHEDULE

HMC1 WATER CLOSET (ACCESSIBLE): WALL HUNG

HMC2 WATER CLOSET (ACCESSIBLE): FLOOR MOUNT

WC WATER CLOSET: WALL HUNG

HUR URINAL (ACCESSIBLE): WALL HUNG

UR URINAL: WALL HUNG

LAV1 LAVATORY:

LAV2 LAVATORY:

SK SINK:

HS HAND SINK:

MB MOP BASIN:

ENC ELECTRIC WATER COOLER:

FS FLOOR SINK:

FD FLOOR DRAIN:

CO CLEANOUT:

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CITY OF ALBUQUERQUE

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M2

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2100 Air Park Place SE

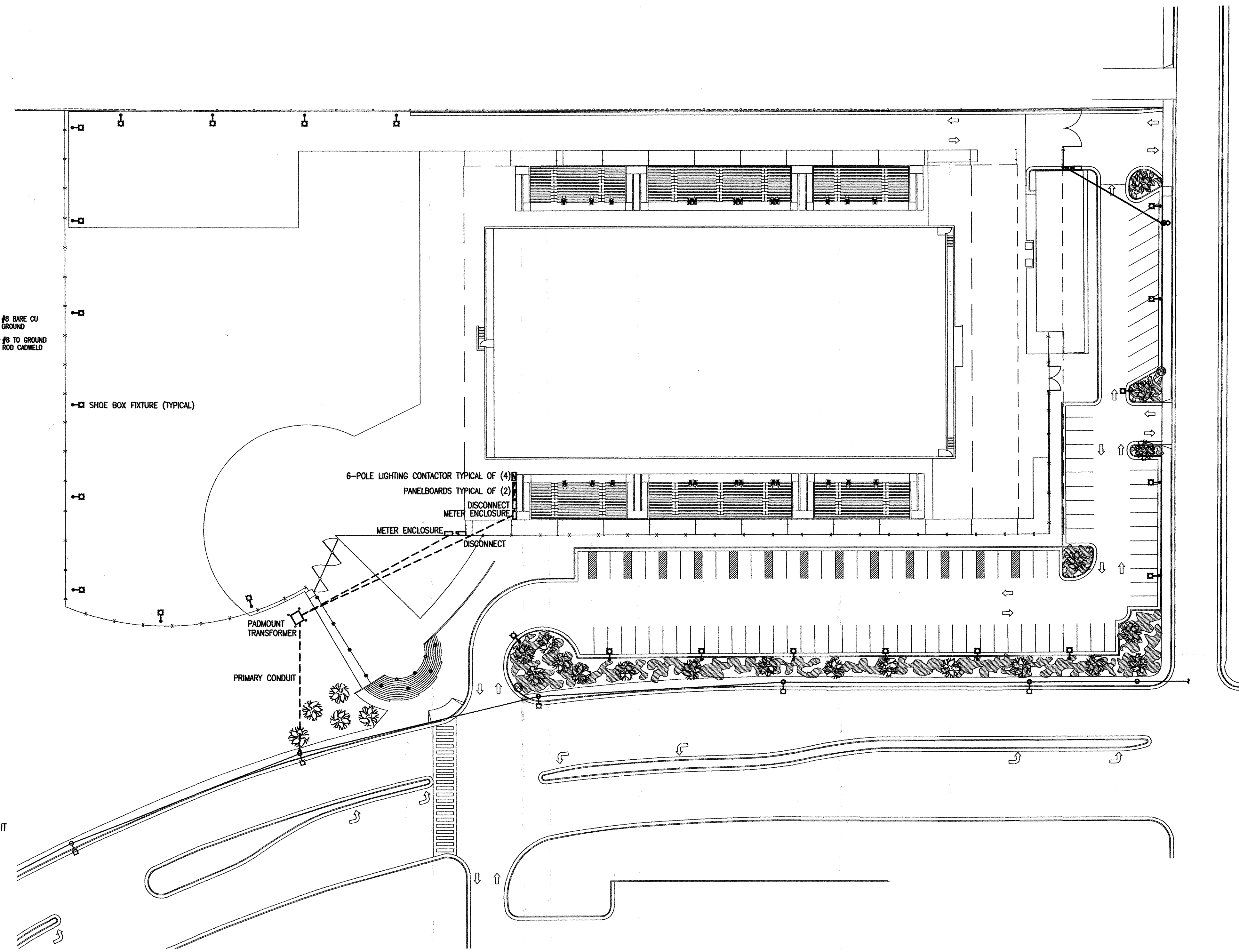
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Fax 505-764-8666

TYPE P1 POLE MOUNT FIXTURE BASE

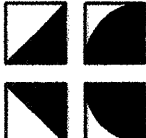

TYPE B1 BASE



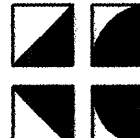
ELECTRICAL SITE PLAN

SCALE: 1"=10'

[illegible]

		G. DONALD DUDLEY AIA 			
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