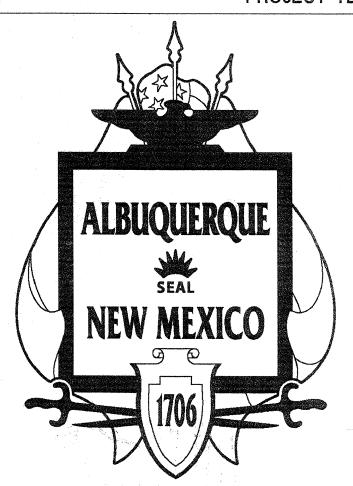
13001 SINGING ARROW AVE. ALBUQUERQUE, NEW MIEXICO

PARK IMPROVEMENTS DECEMIBIER

PROJECT TEAM





601 SAN PEDRO, N.E. SUITE 204 ALBUQUERQUE, NEW MEXICO 87108

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CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

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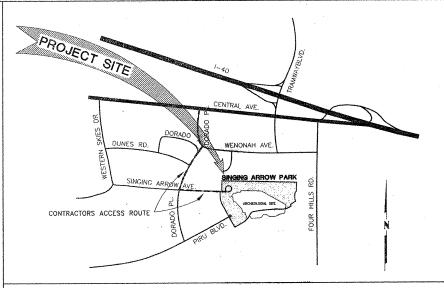
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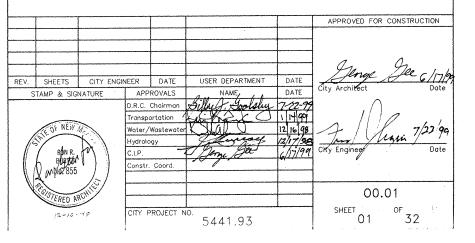
ZONE MAP NO.

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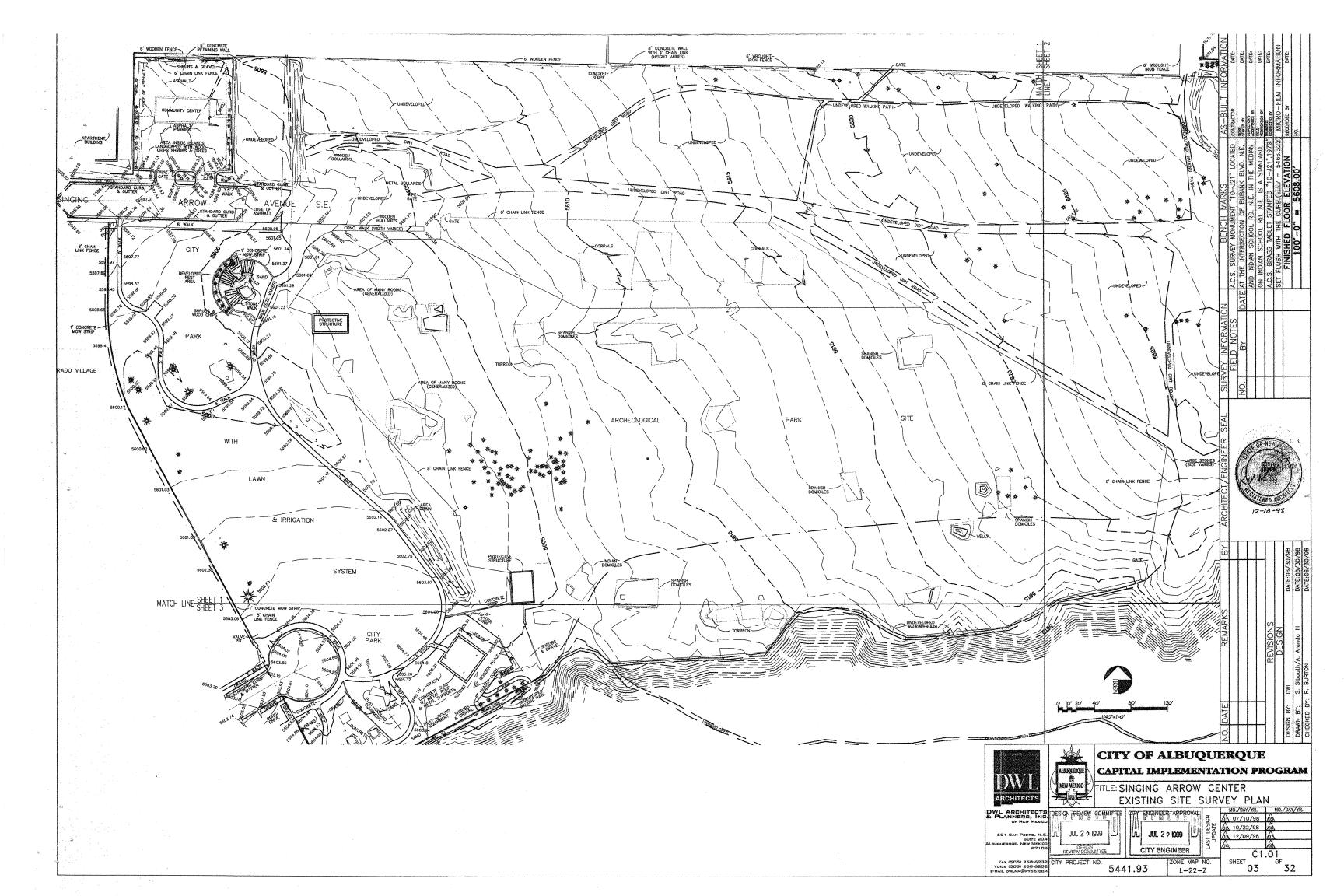
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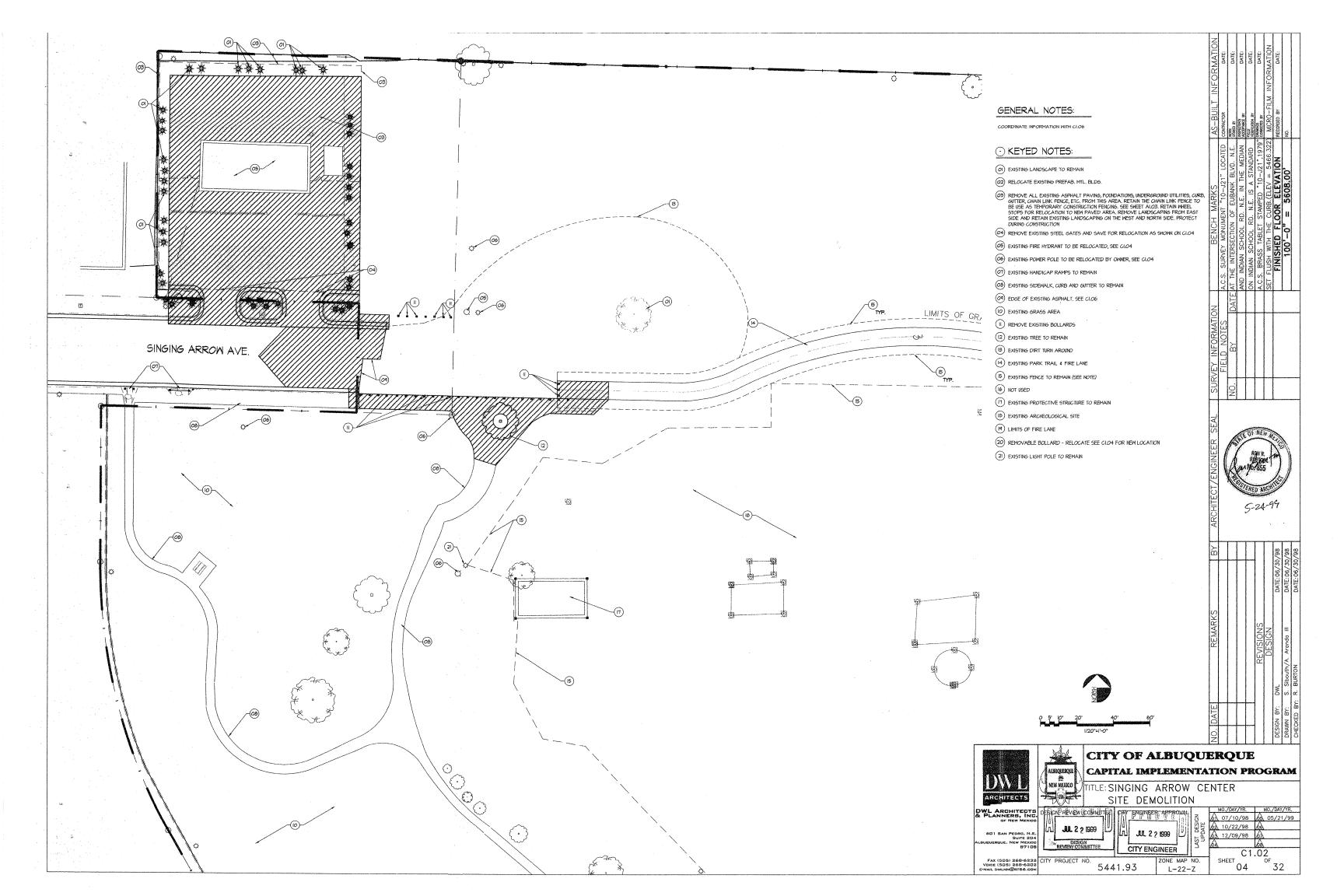
NOTICE TO CONTRACTORS

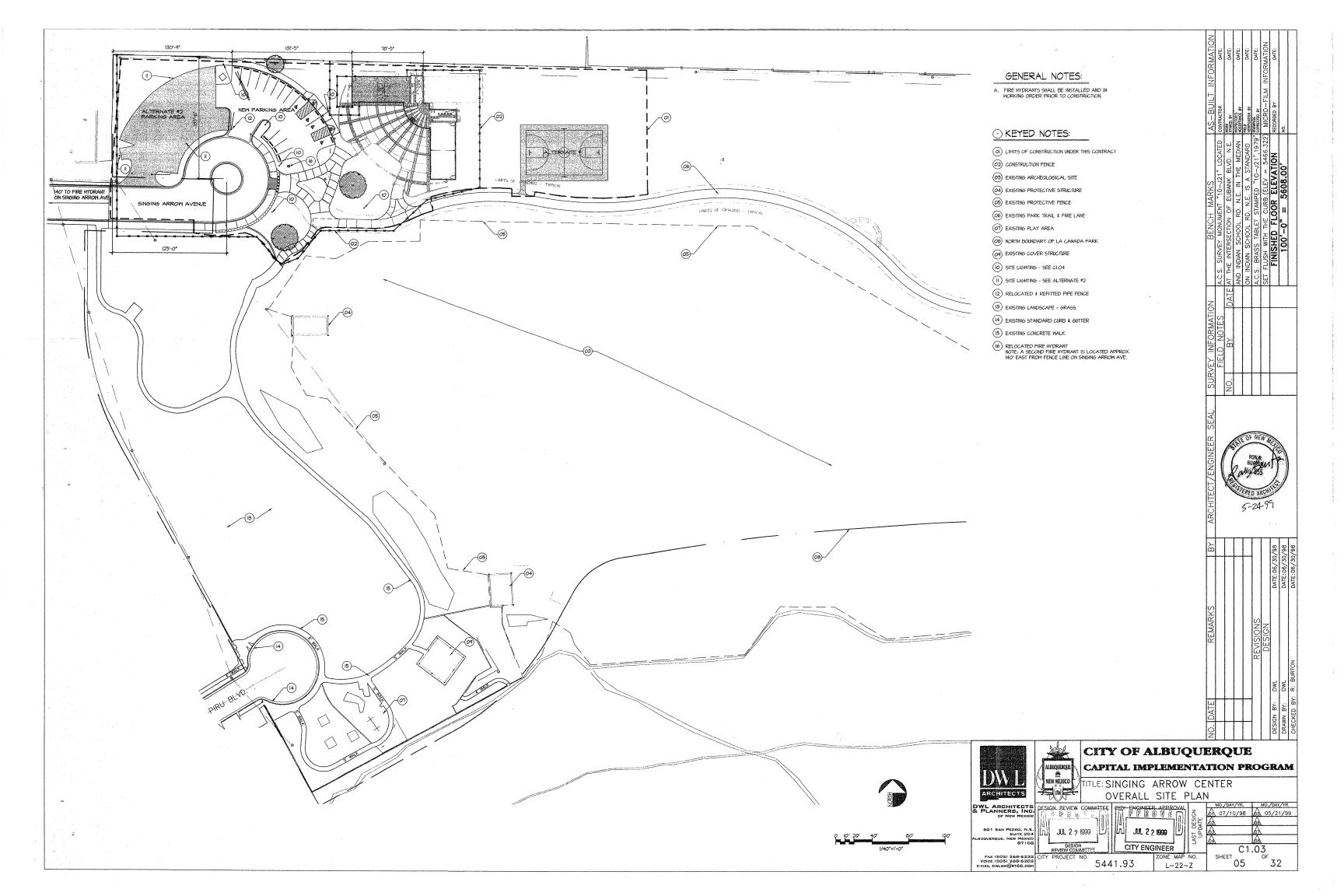
- CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
- TWO WORKING DAYS PRIOR TO EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
- PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTION, SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC...WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) WORKING DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE THE 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 EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN THE CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A
 PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL
 AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE
 NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4
 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- FIVE (5) 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 (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES

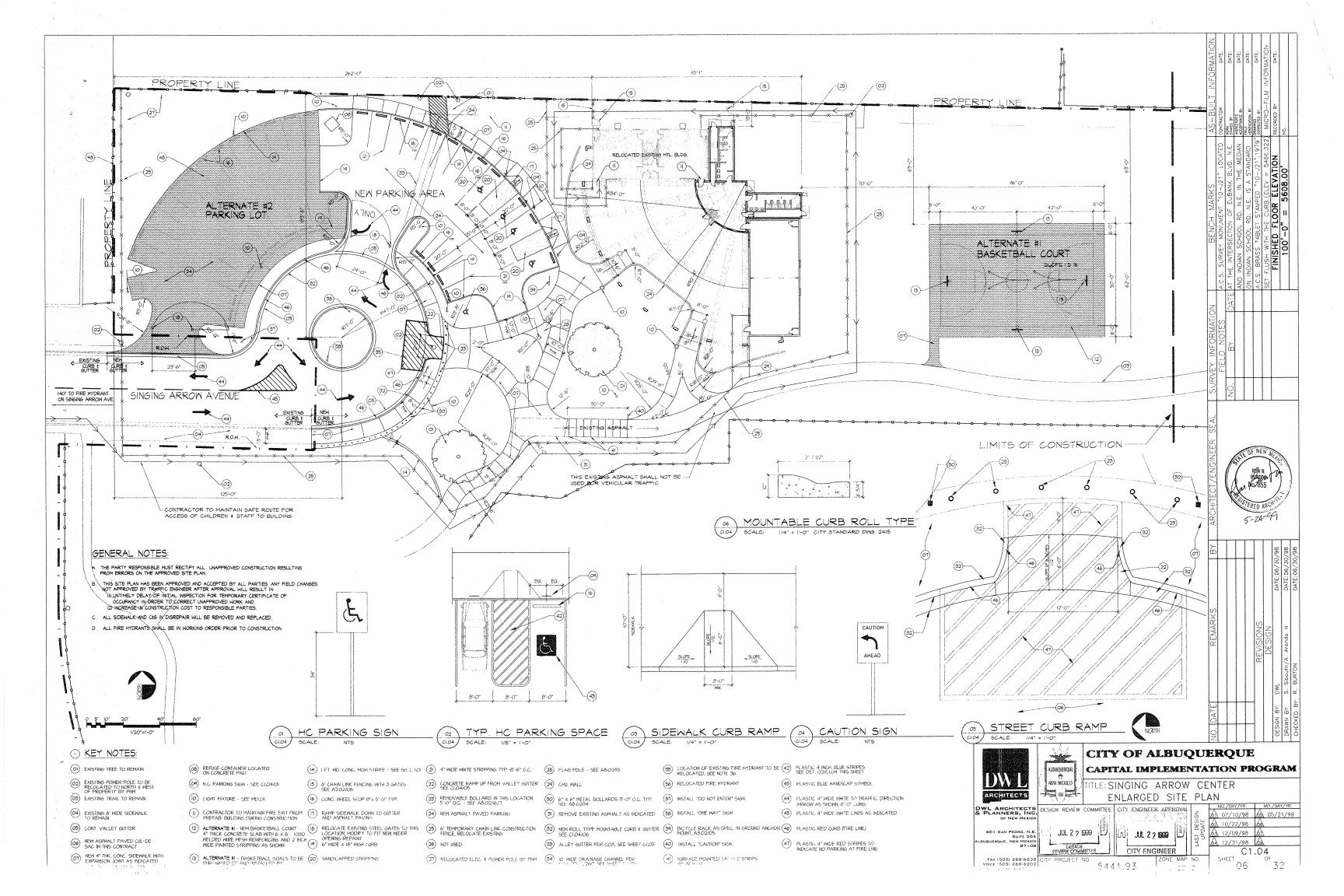


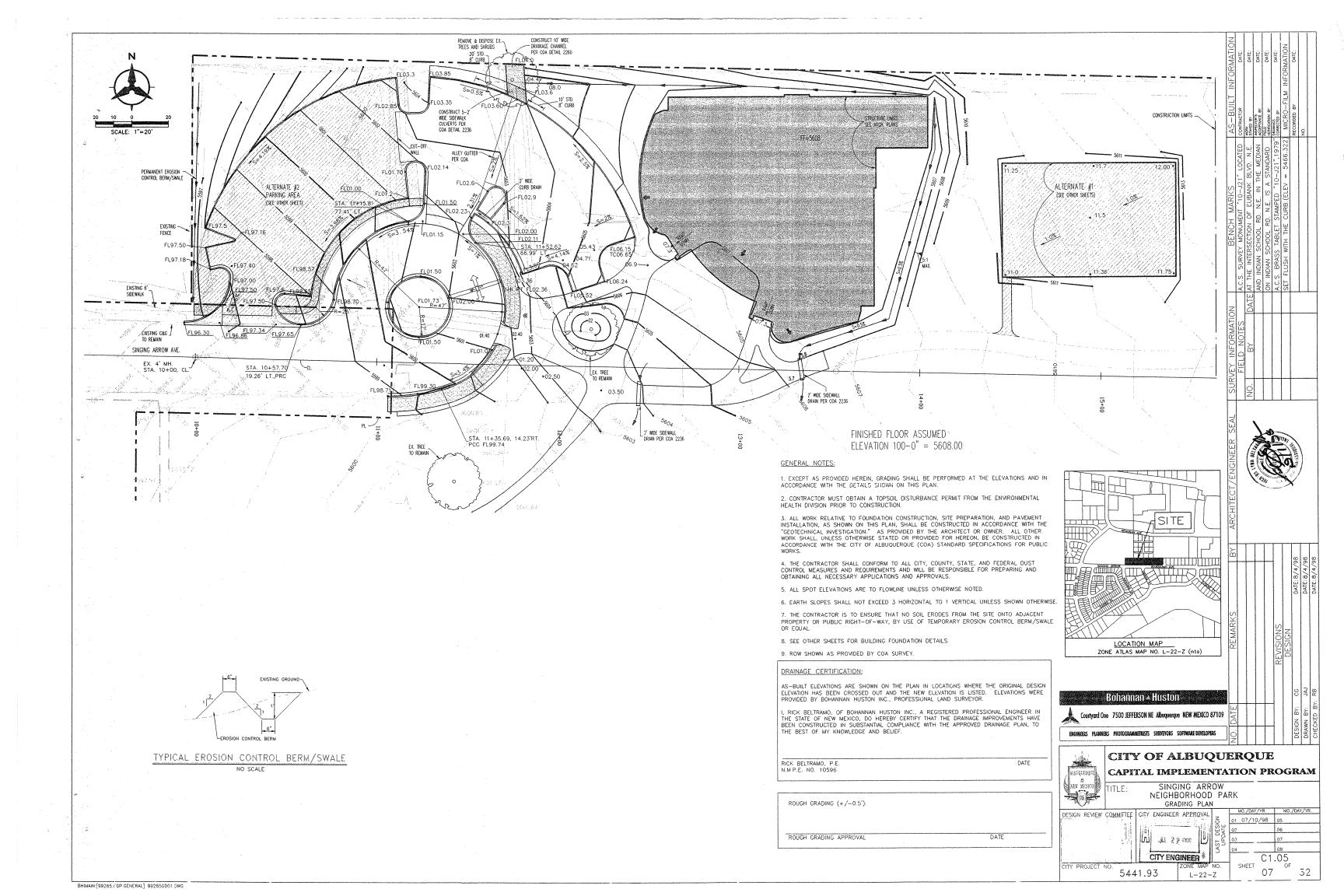
	DWL STANDARD	ABBREVIATIONS	•	MATERIALS LEGEND	BUILDING DESIGN DATA	MATIC DATE: DATE:
ANCHOR BOLT, ABOVE EF ACOUSTICAL EIFS AMERICAN CONCRETE INSTITUTE ELEC AIR CONDITIONING ELEV, EL	EACH FACE EXTERIOR INSULATION FINISH SYSTEM ELECTRIC(AL)	L. LG LENGTH I AB I ABORATORY LAM LAMINA IE	REG REGISTER REINF REINFORCE(D, ING) REI RELOCATE(D)		LIFE SAFETY CRITERIA	NFOR N
AREA DRAIN' EMER	ELEVATOR, ÉLEVATION EMERGENCY	LAV LAVATORY UB POUND	REOD REQUIRED RES RESILIENT, RESERVE		(THE FOLLOWING REPRESENTS THE MINIMUM CODE AND CONSTRUCTION	
ADHESIVE EMT ADJACENT ENCL ADJUSTABLE ENGR	ELECTRIC METAL TUBING ENCLOSE, ENCLOSURE	LC LIGHT CONTROL LGC LIQUID GLAZE COATING	REV REVISION(S), REVISED		REQUIREMENTS BASED ON THE LISTED CRITERIA. THESE REQUIREMENTS	
ABOVE FINISHED FLOOR ABOVE FINISHED GROUND ENT	ENGINEER ENTRANCE ELECTRICAL PANEL BOARD	LH LEFT HAND LIQ LIQUID	RF ROOF RH RELATIVE HUMIDITY, RIGHT HAND	CONCRETE	SHALL NOT BE USED TO ALTER OR DOWNGRADE ANY CONSTRUCTION DOCUMENT DETAIL, SPECIFICATION OR ASSEMBLY PERFORMANCE WHICH MAY EXCEED THE	RACT TOR'S
SOREGATE EO RAUDIT EOUIP	EQUAL EQUIPMENT	EL LIVE LOAD LLH LONG LEG HORIZONTAL	RLG RAILING RM ROOM	U CMU	MINIMUM CODE REQUIREMENTS LISTED.)	AS CONT WORK STAKES
MERICAN INSTITUTE OF STEEL CONSTRUCTION EST MERICAN IRON STEEL INSTITUTE EVAP	ESTIMATE EVAPORATIVE	LLV LONG LEG VERTICAL LP LOW PRESSURE LT LIGHT	RO ROUGH OPENING ROT ROTARY, ROTATE ROW RIGHT OF WAY		NFPA 101 - LIFE SAFETY CODE, 1997 Ed.	Suiz
LUMINUM EWC	EACH WAY FLECTRIC WATER COOLER	LV LOW VOLTAGE LW LIGHTWEIGHT	RPM REVOLUTIONS PER MINUTE RR RAILROAD	FARTH	UBC, UNIFORM BUILDING CODE, 1997 Ed. UPC. UNIFORM PLUMBING CODE. 1997 Ed.	CATE
TERNATE EXCAV	EXCAVATE, EXCAVATING EXISTING	LWC LIGHTWEIGHT CONCRETE	RVS REVERSE (SIDE)	WOOD FINISH	ANSI, AMERICAN NATIONAL STANDARD ICC/ANSI A117.11998	
ICHOR(AGE) EXH IODIZE(D) EXP	EXHAUST EXPOSED, EXPANSION		S SOUTH, SLOPE		1. OCCUPANCY (UBC)	71 X B
MERICAN NATIONAL STANDARDS INSTITUTE EXS PPROVED EXT	EXTRA STRONG EXTERIOR	M METER(S), MOTOR MACH MACHINE	SA SUPPLY AIR SAN SANITARY	wood in Rough	F-2	BAN SKS
PPROXIMATE RCHITECT(URAL)		MAINT. MAINTENANCE MAN MANUAL	SAT SATURATE SB SPLASH BLOCK	BRICK	2. CONSTRUCTION (UBC) TYPE V-N (UBC TABLE 5-B)	RAN E
SBESTOS SPHALT FA	FAHRENHEIT FIRE ALARM	MAS MASONRY MAX MAXIMUM	SC SCALE, SOLID CORE, SHOWER CURTAIN SCHO SCHEDULE	eges e en eng	3. FIRE SEPARATION	B 9 B
SPHALT TILE FAB FAC	FABRICATE FACILITY	MB MACHINE BOLT MBH THOUSAND BTU PER HOUR	SCR SHOWER CURTAIN ROD SD SPLITTER DAMPER, STORM DRAIN	[[[]]] CMU	A. EXTERIOR WALLS: E-2 - 1 HOUR LESS THAN 10 FEET	
FB FC	FACE BRICK FAN COIL	MBR MEMBER, MEMBRANE MC MEDICINE CABINET:	SOAP DISPENSER SDG SIDING	RIGID INSULATION	B. EXTERIOR OPENINGS: NOT PERMITTED LESS THAN 5 FEET, PROTECTED LESS THAN 10 FEET	SEC NO
ULLETIN BOARD FD OARD FDN	FLOOR DRAIN FOUNDATION	MDF MEDIUM DENSITY FIBERBOARD MECH MECHANIC(AL)	SEC SECOND SECT SECTION	and the state of t	NOTE: THIS PROJECT, GREATER THAN 10 FEET CLEARANCE ALL SIDES	N SER
BETWEEN FE SITUMINOUS FEC	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	MED MEDIUM MET METAL	SG SHELF (GLASS) SH SOAP HOLDER	BATT INSULATION	4. ALLOWABLE FLOOR AREA (UBC)	SUR
ULDING FF BLOCK, BLOCKING FHMS	FINISHED FLOOR, FAR FACE FLATHEAD MACHINE SCREW	MEZZ MEZZANINE MFG MANUFACTURE(R, ING)	SHR SHOWER SHT SHEET	METAL IN SECTION	A 1. TABLE 5 - B (UBC): E-2 = 9,100 SF (TYPE V - N) 2. ALLOWABLE AREA INCREASE FOR SEPARATION ON THREE	S.S.
BENCH MARK, BEAM FHS BOTTOM OF FOOTING FHWS	FIRE HOSE STATION FLATHEAD WOOD SCREW	MGT MATTE GLAZED TILE MH MANHOLE	SIM SIMILAR SMLD SHELF (METAL, LIGHT DUTY)	A with all as a Mark an and all the second and the	SIDES OF THE BUILDING IS INCREASED 2.50% FOR EACH FOOT, 100% MAXIMUM (UBC SEC. 505.1.3)	AT AT
DITTOM FIBERB'D	FIBER BOARD FINISH(ED)	MI MALLEABLE IRON MIL. MILITARY	SMS SHEET METAL SCREWS SN SOLID NEUTRAL	PLAS CEM & GROUT		ATE
ARING BRIDGING FIX REAKER, BRICK FLA	FIXTURE FULL LOAD AMPERES	MIN MINIMUM, MINUTE MIR MIRROR	SND SANITARY NAPKIN & TAMPON DISPOSER SNTD SANITARY NAPKIN & TAMPON DISPENSER	[33333] PLYWOOD	3. ACTUAL DESIGNED GROSS AREA: 5557.75 SQ.FT.	
LL & SPIGOT FLEX SEMENT FLG	FLEXIBLE FLASHING	MISC MISCELLANEOUS MK MARK	SOG SLAB ON GRADE SOL SOLENOID			RS A
OSTER FLR ITISH THERMAL UNIT FLUOR	FLOOR(ING) FLUORESCENT	MM MILLIMETER(S) MN MAIN	SP SOUND PROOF, SPARE, SINGLE POLE SPOS SPACING, SPACE, SPACES SPORE SPORE TONICS	GSU & CT	5. FIRE PROTECTION SYSTEM A. PORTABLE FIRE EXTINGUISHER	[S] [S]
BLT UP FN OTH WAYS FP	FULL NEUTRAL FIREPROOF	MG MASONRY OPENING MOD MODULAR, MODEL	SPEC SPECIFICATION(S) SPK SPEAKER		A. PUNIAGLE FIRE EXTINGUISHER B. SMOKE DETECTORS AND ENUNCIATORS	[일[집]
PASS FR FS	FRAME(D), FRAMING FULL SIZE, FLOOR SINK	MOV MOVABLE MP MEDIUM PRESSURE	SO SOUARE SS SANITARY SEWER SST STAINLESS STEEL		<u>6. ROOFS</u>	
INDUIT FT FTG	FOOT, FEET FOOTING	MPH MILES PER HOUR MS MASTER SWITCH, MAGNETIC STARTER	SSI STANLESS STEEL ST STREET, SHUNT TRIP STA STATION		A 1. CLASS B (MINIMUM)	
ABINET	FUSE FURRED, FURRING	MT METAL THRESHOLD MTD MOUNTED MTC MEETING	STD STANDARD		7. EXIT AND ACCESS REQUIREMENTS	ISI ISI
ALCAREOUS APACITOR	FUTURE	MTG MEETING MTL MATERIAL(S), METAL	STE STEEL STOR STORAGE STRUCT STRUCTURAL		A. ACCESS TO FIRE EXTINGUISHERS MUST BE PROVIDED B. MINIMUM OF TWO EXITS ARE REQUIRED (INTERIOR)	S) \(\overline{\pi}\)
CATCH BASIN COUNTER CLOCKWISE		MULL MULLION	SUCT SUCTION SUSP. SUSPENDED, SUSPENSION		C. TWO EXITS MUST BE REMOTE AND SPACED NO LESS THAN ONE HALF	
EMENT G ENTRIFUGAL GAL	GAS GALLON	N NORTH	SW SWICH SY SOUARE YARD	÷8	THE DIAGONAL DIMENSION OF BUILDING, OR ROOM (INTERIOR) THE EXTERIOR ASSEMBLY SPACE IS OPEN AND UNRESTRICTED ON 3 1/2 SIDES.	[4]
NTRACTOR FURNISHED, CONTRACTOR INSTALLED GALV UBIC FEET PER HOUR GARB	GAL VANIZED GARBAGE	NAT NATURAL NEC NATIONAL ELECTRIC CODE	SYM SYMMETRY, SYMMETRICAL SYN SYNTHETIC		D. DEAD END CORRIDORS MUST NOT EXCEED (20) FEET. (UBC)	S
BIC FEET PER MINUTE GB BIC FOOT GC	GRAB BAR, GRADE BEAM GENERAL CONTRACTOR	NEG. NEGATIVE NEMA NATIONAL ELECTRICAL MFG ASSOCIATION	SYS SYSTEM	SYMBOLS LEGEND	E. TRAVEL DISTANCE NO MORE THAN (150) FEET (UBC) F. OCCUPANT LOAD	STATI
RNER GUARD GCMU ILLED WATER GEN.	GLAZED CONCRETE MASONRY UNITS GENERAL	NF NO FUSE, NEAR FACE NIC NOT IN CONTRACT	1 TREAD		CLASSROOM 2498 / 20 = 124.9	¥ / 6
AST IRON ONSTRUCTION JOINT GI	GASKET(ED) GLASS, GLAZING	NK NECK NMT NONETALLIC NO NUMBER	TB TOWEL BAR T&B TOP AND BOTTOM		OFFICE/MEETING 706 / 15 = 47.06 COMMUNITY ROOM 579 / 15 = 38.6	2 /
RCUIT GP NTER LINE GPD	GALVANIZED PIPE GALLONS PER DAY	NO NUMBER NOM NOMINAL NR NOISE REDUCTION, NOT REQUIRED	TBM TEMPORARY BENCH MARK TECH TECHNICAL		TOTAL OCCUPANT LOAD	
ILING GPH OSET GPM	GALLONS PER HOUR GALLONS PER MINUTE	NRC NOISE REDUCTION COEFFICIENT	TEL TELEPHONE TEMP TEMPERATURE	DETAILS	211 - TOTAL	
EAR, CLEARANCE GR NTIMETER GRD	GRADE GROUND	NTS NOT TO SCALE. NRP NON REMOVABLE PIN	T&G TONGUE AND GROOVE THK THICK(NESS)	<u> </u>	G. HEADROOM AT EXITS AND ACCESS CORRIDORS 7'-0" MINIMUM	
DRRUGATED METAL PIPE GRTG UNCRETE MASONRY UNIT GSU	GRATING GLAZED STRUCTURAL UNIT		TOC TOP OF CONCRETE TOF TOP OF FOOTING	BUILDING SECTION	H. DOOR WIDTH 36 INCHES MINIMUM. ALL EXIT DOORS MUST	32
NIER, CENTRAL GT	GROUT GYPSUM WALL BOARD	OA OUTSIDE AIR OB OPPOSED BLADE OBS OBSCURE	TOL TOLERANCE TOS TOP OF SLAB TOW TOP OF WALL	(A5.01)	SWING IN THE DIRECTION OF TRAVEL. 1. EXIT DOORS FROM EXIT CORRIDORS ARE	A
OMPANY OEFFICIENT OLUMN GYP	GYPSUM	OC ON CENTER OD OUTSIDE DIAMETER	TOW TOP OF WALL TP TOWEL PIN TRANS TRANSFORMER	O I WALL SECTION	REQUIRED TO BE EQUIPPED WITH PANIC HARDWARE.	
COMBINATION H COMPRESS(ED, ION, IBLE) HB	HIGH HOSE BIB	OH OVERHANG OHMS OVALHEAD MACHINE SCREW	TSH TOTAL SENSIBLE HEAT TID TOILET TISSUE DISPENSER	ABOI WALL SECTION	O WILDIAD LINICALL	
CONCRETE HBD CONSTRUCTION HC	HAND BALANCING DAMPER HOLLOW CORE	OHWS OVALHEAD WOOD SCREW OP OPAQUE	L'STAT THERMOSTAT TV TELEVISION		8. INTERIOR FINISHES A. ALL MATERIALS MUST BE CLASS "A" OR "B" IN CLASSROOM/OFFICE SPACES.	
CONTINUOUS, CONTINUE, CONTROL CONTRACT(OR), CONTRACTION HDR CONTRACT TED CONTRACTION	HEAVY DUTY HEADER	OPG OPENING OPH OPPOSITE HAND	TYP TYPICAL	OI ELEVATION	B. ALL MATERIALS MUST BE CLASS "A" IN SUPPORT SPACES AND CORRIDOR.	
CORRUGATED, CORRIDOR COURSE(S), CORROSION RESISTANT STEEL COUNTERSINK HH LIID	HARDWARE HAND HOLE	OPP OPPOSITE	UG UNDERGROUND	(30)	9. FIRE EXTINGUISHERS	
CERAMIC TILE HM	HIGH INTENSITY DISCHARGE HOLLOW METAL	0005	UG UNDERGROUND UH UNIT HEATER UL UNDERWRITER LAB	OI OI ATTERIOR ELEVATIONS	A. ORDINARY HAZARD 75 FEET MAXIMUM TRAVEL DISTANCE (NFPA)	
OUNTERSINK SCREW	HORIZONTAL HORSE POWER	P POLE PAR PARALLEL	UR URINAL USAF UNTIED STATES AIR FORCE	A5.01 INTERIOR ELEVATIONS	B. EXTINGUISHER CLASSIFICATION (2A:10B;C) MINIMUM 10. PLUMBING FIXTURE COUNT	\$
DUBEC YARD HS	HOUR, HANDRAIL HIGH STRENGTH	PASS PASSAGE PAV PAVE(MENT, ED, ING) DR DISH BUTTON	UTIL UTILITY	1,000	A. OCCUPANT LOAD 211 / 2 = 105.5 MALE, 105.5 FEMALE	A N N
CYCLE	HEIGHT HEATING	PB PUSH BUTTON PCC PRECAST CONCRETE PCF POLINIES BED CLIBEC SOOT	V VALVE, VENT, VOLT	(3) KEYED NOTES	WATER CLOSETS: MALE 106 / 30 == *4 REQUIRED 4 PROVIDED	Ü N N
CYLINDER HVAC	HEATER HEATING/VENTILATING/AIR CONDITIONING	PCF POUNDS PER CUBIC FOOT PD PRESSURE DROP PF POPCE AN ENAME	VB VAPOR BARRIER VCP VITREOUS (VITRIFIED) CLAY PIPE		*URINALS:	
HWH	HOT WATER HOT WATER HEATER	PE PORCELAIN ENAMEL PED PEDESTAL PERF PERFORATE(D)	VCT VINYL COMPOSITION THE VEL VELOCITY	DOOR NUMBERS	2 REQUIRED - 3 PROVIDED	
EP, DEPTH HX	HIGHWAY HEXAGONAL	PERP PERPENDICÚLÁR	VENT VENTILATOR VERT VERTICAL		FEMALE - 106 / 25 = 6 REQUIRED - 6 PROVIDED	
OUBLE ACTING HYD SECT CHERENT	HYDRAULIC	PFL POUNDS PER LINEAL FOOT PH PHASE PL, # PLATE	VEST VESTIBULE VF VINYL FABRIC	A WINDOW TYPES	LAVATORIES: MALE 106 / 35 = 3 REQUIRED 4 PROVIDED	
RECT CURRENT GREE ID	INSIDE DIAMETER	PLAM PLASTIC LAMINATE	VG VERTICAL GRAIN VOL VOLUME		FEMALE - 106 / 35 = 3 REQUIRED - 4 PROVIDED	
MOLISH, DEMOLITION IDENT PARTMENT IN	IDENTIFICATION INCH	PRIV PRESSURE REDUCING VALVE	VS VENT STACK VTR VENT THRU ROOF	B WALL TYPES	DRINKING FOUNTAINS	田
ETAIL INCIL RINKING FOUNTAIN INCL	INCINERATOR INCLUDE(D), INCLUDING	PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH		Asserted	DRINKING FUUNTAINS 2 REQUIRED - 3 PROVIDED	DA
DUBLE HUNG INSUL AGONAL INT	INSULATE(Ď), INSULATION INTERIOR, INTERSECTION	PSIG POUNDS PER SQUARE INCH GRAVITY PT POINT	W WEST, WATER, WIDTH, WITH	• ELEVATION MARK		0
IAMETER INV IFFERENTIAL IPS	INVERT IRON PIPE SIZE	PTD PAPER TOWEL DISPENSER PRI PAPER TOWEL RECEPTOR	W/ WITH WB WET BULB, WOOD BASE			Z.
DIMENSION IW DISCONNECT	INDUSTRIAL WASTE	PVC POLYVINYL CHLORIDE PVMT PAVEMENT	WC, W.C. WATER CLOSET W.D. WASTE OIL	COLOR INDICATION	CITY OF ALBUQ	UERQU
IISCHARGE IISPOSAL JAN	JANITOR	PWD PLYWOOD	WH WATER HEATER WW WROUGHT IRON	OFFICE [104] ROOM NAME & NUMBER	ABBINERIE CAPITAL IMPLEMEN	_
IVISION JC JCT	JANITOR CLOSET JUNCTION	QT QUARRY TILE, QUART	WIND. WINDOW W. WIND LOAD	TOOM WHILE G. NOWDER	* \	
OWN JST DOMESTIC JT	JOIST JOINT	QTY QUANTITY QUAL QUALITY	WM WIRE MESH W/O WITHOUT	SECTION, DETAIL OR	Amend Institute of the Control of th	
DAMPER DOOR K	KIB		WP WATERPROOF(ING), WEATHER PROOF WORK POINT	ELEVATION IDENTIFICATION	GENERAL INI OR	
OOWN SPOUT, DOOR STOP KG ORAIN TILE KIT	KILOGRAM KITCHEN	R RISER	WR WATER REPELLENT, WASTE RECEPTAGLE WSCT WAINSCOT	NUMBER OF SHEET ON WHICH	DWL ARCHITECTS DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL	MO./DAY/YF
ETAIL KM RAWING KO	KILOMETER KNOCKOUT	RA RETURN AIR RAD RADIUS	WSC1 WAINSCOT WT WEIGHT WWF WELDED WIRE FABRIC	SECTION, BETAIL, OR ELEVATION IS SHOWN	OF NEW MEXICO	S 10/22/9
OWEL KOBB RAWER KPL	KNOCK-OUT BOND BEAM KICK PLATE	RB RESILIENT BASE RCP REINFORCED CONCRETE PIPE	WWF WELDED WIRE FABRIC 4W 4 WIRE	12 2HOMIA	601 SAN PEDRO, N.E. JUL 2 2 1999	12/09/9 12/09/9
AST KSF	KIPS PËR SQUARE FOOT KIPS PER SQUARE INCH	RD ROOF DRAIN, ROAD REBAR REINFORCING BAR	X CROSS		ALBUQUERQUE, NEW MEXICO 8710B	64 05/21/9
ACH KVA VAPORATIVE COOLER KV	KILOVOLT AMPS KILOVOLT	RED REDUCTION REF REFERENCE	VO YASH		UI GIGINCEN	NO. SHEET
		the state of the s			: Your 323 300 04041 C. A A 1 () /	

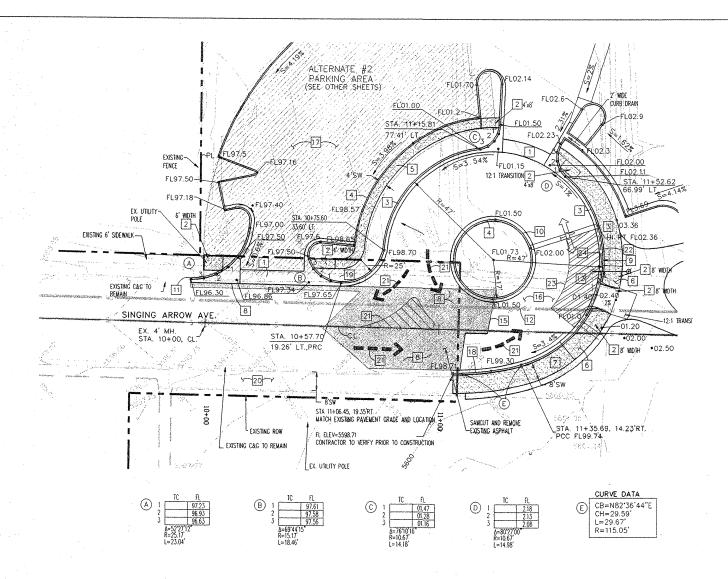


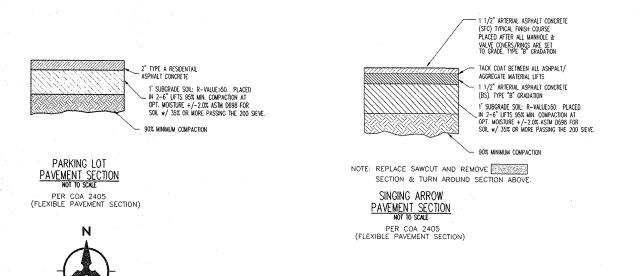












NOTES

- 2. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- 3. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- 5 CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- 6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- 7. ANY DAMAGE TO THE EXISTING FACILITIES
 (CURB & GUTTER), PAVEMENT, CONDUITS,
 LANDSCAPING, UTILITY LINES, ETC.)
 DURING CONSTRUCTION SHALL BE
 REPLACED AT THE CONTRACTORS' EXPENSE
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- 9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- 10 STATIONING BASED ON CENTERLINE STATIONING SET FOR CITY PROJECT #5441.92
- 11 ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 12 SEE ENLARGED SITE PLAN FOR PARKING LOT LAYOUT AND DIMENSIONS.

FINISHED FLOOR ELEVATION 100'-0" = 5608.00'

KEYED NOTES

- BUILD CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- BUILD WHEELCHAIR RAMP WITH 12:1 MAXIMUM SLOPE. AS PER STD. PWG. 2426.
- 3 BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
- 4 BUILD MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- 5 BUILD 4' SIDEWALK
- 6 BUILD 8' SIDEWALK
- 7 REMOVE AND DISPOSE RT. EX. SIDEWALK AND BOLLARDS.
- 8 SAWCUT AND REMOVE EX. PAVEMENT, 2' MIN. WIDTH CLEAR TO NEW GUTTER.
- 9 BUILD 47'R STD. TYPE CURB & GUTTER. CENTER OF CUL-DE-SAC AT STA. 11+22.53, 30.89' LT. (CENTER OF CUL-DE-SAC)
- OF CUL-DE-SAC AT STA. 11+22.53, 30.89' LT. (CENTER OF ISLAND)
- 11 STA. 94 GRADE TO VERI
- 12 STA. 11-NEW PA
- 13 STA. 11-HYDRAN C-900 STATION FLANGE
- 14 STA. 12 AND ELE
- 15 EXISTING
- 16 NEW PA
- 17 NEW PAY SECTION
- 18 STA. 11+ RT. BUILL AND GUT
- 19 ADJUST CURBS
- 20 EXISTING
- 21 PAVEME DIRECTION
- 22 CURB P.
- 23 3" WIDE DROP-OF

PESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

5441.93

CITY ENGINEER

24 "NO PAR

, and a second	OF CUL-DE-SAC AT STA. 11+22.53, 30.89' LT. (CENTER OF ISLAND) STA. 9+93.41, 19.17' LT. MATCH EXISTING PAVEMENT	ENCH	MONOMEN	TION OF	OOL RD.	OL RD.	TABLET STA	THE CU			
3	GRADE AND LOCATION FL ELEV.=5596.35 CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.	BE	SURVEY M	INTERSECTION	N SCHOOL	SCHOOL		H WITH			
	STA. 11+35.00, 10' LT. ADJUST EXISTING VALVE TO NEW PAVEMENT GRADE.		SUR		NDIAN	INDIAN	BRASS	LUSH			
]	STA. 11+65.00, 17' LT. REMOVE EXISTING FIRE HYDRANT INSTALL 6"-90' BEND 20'-6" PVC CLASS C-900 WATERLINE. REINSTALL FIRE HYDRANT AT STATION 11+85.00, 17' LT. w/ ALL JOINTS RESTRAINED. FLANGE ELEVATION=03.40	z	A.C.S.	DATE AT THE	AND	NO NO	A.C.S.	SET FI			
	STA. 12+70.00, 10' LT. EXISTING 10' LT. 4" WATERLINE AND ELECTRONIC MARKER DISK.	MATION	ES								
	EXISTING PAVEMENT TO BE REMOVED AND DISPOSED.	ORMAT	NOTE								
]	NEW PAVEMENT AS PER SINGING ARROW PAVEMENT SECTION ON THIS SHEET.	N N	9	â							
]	NEW PAVEMENT AS PER PARKING LOT PAVEMENT SECTION ON THIS SHEET.	RVEY	FIE								
]	STA. 11+06.45, 18.69' RT. TO STA. 11+35.94, 14.23' RT. BUILD 115.05' RADIUS CUL-DE-SAC, STD. CURB AND GUTTER.	SUF		Ö Z							
	ADJUST EXISTING WATER METER LOCATION TO NE CURBS	AL		1							
	EXISTING SIDEWALK TO REMAIN	SE/			F	_3	Ø				
	PAVEMENT MARKING TO INDICATE MEDIAN AND TRAFFIC DIRECTION.	EER	,			10			1		
]	CURB PAINTED RED TO INDICATED FIRE LANE. ()	ENGIN		3	3	Z),	4			
	3" WIDE PAVEMENT STRIPES/MARKINGS TO INDICATE DROP-OFF ZONE AND FIRE LANE ZONE.	EN	١	(B)	13/3	2			Z		
	"NO PARKING ANYTIME" SIGN.	ECT,		`	~		1	_	_		
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		4RC									
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	Bohannan ▲ Huston		L						2	JAU	r. RB
-	Countyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109	DATE							BY:	BY:	YB GE
A	ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS	0.0	-	-	-	-			ESIGN	DRAWN	CHECKED
	3	ľž	L		L_		<u> </u>		ت	٧	
	CITY OF ALBUQU	EI	R	Q	U	E	,				
į	ADDRESS CAPITAL IMPLEMENTA	T	O	N	F	R	O	G	R	A.A.	1
4000	TITLE: SINGING ARROW										
•	NEIGHBORHOOD PA	кK									

SINGING ARROW AVE. PUBLIC PAVING AND WATER PLAN

MO./DAY/YR. MO./DAY/YR.

C1.06

32

80

SHEET

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- \fbox{X} BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- \fbox{X} TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- [X] SIDEWALKS AND WIEFLCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED..

Conceptual Drainage Management Plan

I. INTRODUCTION / BACKGROUND / PURPOSE

This study analyzes on-site and off-site hydrology and hydraulics in support of the planned improvements to Singing Arrow Park. The site is located at the northeost corner of the intersection of Singing Arrow and Nakomis Drive in southeost Albuquerque, New Mexico, within Bernalillo County. The site was originally platted and shown in the location map attached. Although the map shows divided lots north and south of Adjidoumo Ave (shaded in the basin map below), the improvements are in addition to the existing park currently under construction by another project; they include landscape improvements and a bike trail. The legal description for the site is Lots 1—10, Block 1, Second Unit, Canada Village, Recorded October 6, 1953. It is zoned under RA-2.

The analysis is based on the approved report titled: "South Eubank Areo Storm Drainage Analysis", a City of Albuquerque report dated November, 1995.

The addition of a community center building
The extension of Singing Arrow Rood into a cul-de-sac with a median in the middle
The addition of a parking lot surrounding the cul-de-sac
The addition of hored court sports facility
The relocation of an existing portable building

This drainage plan analyzes impacts to downstream areas that are currently known to have drainage problems. Analysis is based on utilizing the approved "South Eubank Area Storm Drainage Analysis", by revising the analysis to better reflect current basin conditions and to add proposed improvements. The drainage report determined that a Tormlinson Road storm drain is needed to correct the drainage problems in this area. This storm drain is a plan by the City, but is not programmed for funding and construction in the near future

This analysis looks at Basin 209 and Analysis Point 25. Under existing conditions (Revised) Basin 209 generates 107 cfs versus 117 cfs per the South Eubank Report. The revisions are due to:
a) 4.6 acres do not contribute to the peak flow
b) a large portion at Basin 209 is now a park and will not be developed to a density 4-du/acre as the plat indicates

This area is an apartment complex which drains into a pand. The pand is then pumped north out-falling to Wenonah Ave and therefore does not affect peak flows. This is supported by the approved drainage report on file and by site inspections.

The two tables below have been broken into three columns, original, rivised, and proposed. The definitions of each of these

Original = Analysis provided by Report dated 1995
Revised = Original analysis revised to represent existing conditions as they are today and based on recent site inspections.
For the purpose of comparison this is the "existing conditions" analysis.
Proposed = This analysis shows the impact of the proposed improvements with respect to the revised.

In the first table, the existing 100-year peak flow is calculated to be 107 cfs versus 119 cds from the original study. This indicates that the 12 cfs was contributed by the area which was removed. The proposed flow for basin 209 is 109 cfs versus 107 cfs for a n increase of 2cfs (2%).

In the second table, the existing 100-year flow is 213 cfs, 12 cfs less that the original flow. The proposed flow is 215 cfs, 2 cfs greater than the existing flow, an increase of 1%. This results in an increase in flow depth from existing of 0.84 to proposed of 0.85, a difference of 0.01. This difference is negligible and does not warrant storm drain

A sub-basin of .65 acres is contributes flow from the east to the community center building. A swale is designed to divert the flow of 2 cfs to a drain on the south side of this building. Below is a basin map showing the subbasin identified as 209-A. The flow depth in the swale that protects the building is 0.47° which is significantly less that the capacity of the

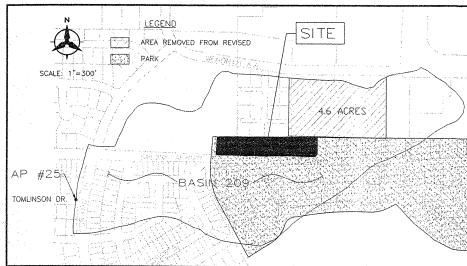
This plan presents a thorough conceptual drainage management plan for the planned community center. The Tomlinson Road storm drain has been proposed. The new improvements listed in this report will not significantly increase the flow of this area. The existing flow into Tomlinson Road is 113 cfs and the proposed flow is 115 cfs. There is less than a 1% increase in flow between existing and proposed flow rates. The flow depth of Tomlinson Road before and after the improvements is less than 0.01 increase. The swale will protect the community center from off-site drainage. The swale is capable of handling the flow of 2 cfs. This report conforms to the Bernalillo drainage requirements. It is recommended that these improvements be added to this site due to no significant impact to the existing condition of this site.

p:[99265.cdp.reports] concetual drng mngmt plan,rtf

BASIN 209	ORIGINAL	EXISTING	PROP.
AREA (ACRES)	36.9*	32.1	32.1
% IMPERVIOUS	62.0*	34.3	37.2
100 YR. (CFS.)	119*	107	109

ANALYSIS POINT 25	ORIGINAL	EXISTING	PROP.
AREA (ACRES)	80.5	75.9	75.9
100 YR. (CFS.)	225.2	113.0	115.0
FLOW DEPTH (FT.)	****	0.84	0.85

* TAKEN FROM DRAINAGE REPORT



BASIN MAP AND PARAMETERS REVISED FROM STUDY BY THE CITY OF ALBUQUERQUE TITLED "SOUTH EUBANK AREA STORM DRAINAGE ANALYSIS", DATED NOVEMBER 1995

FOR INFORMATIONAL **USE ONLY**

EGAL DESCRIPTION Lots 1-10, Block 1 Second Unit Canada Village Recorded October 6, 1953

EXISTING CONDITIONS (SOUTH EUBANK AREA STORM DRAINAGE ANALYSIS)

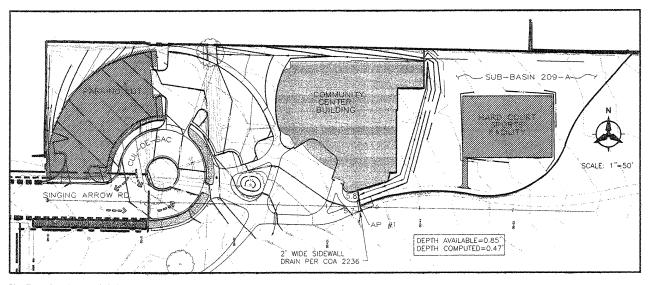
BASIN	AREA	% IMPERVIOUS	LAI	VD 1	TREA	ТМЕ	NT	TC	Q100
	(SQ. MI)	%	%	Α	В	С	D	(HRS)	(CFS)
209	37.1	62		10	21	7	62	0.133	119

EXISTING CONDITIONS (PER THIS STUDY)

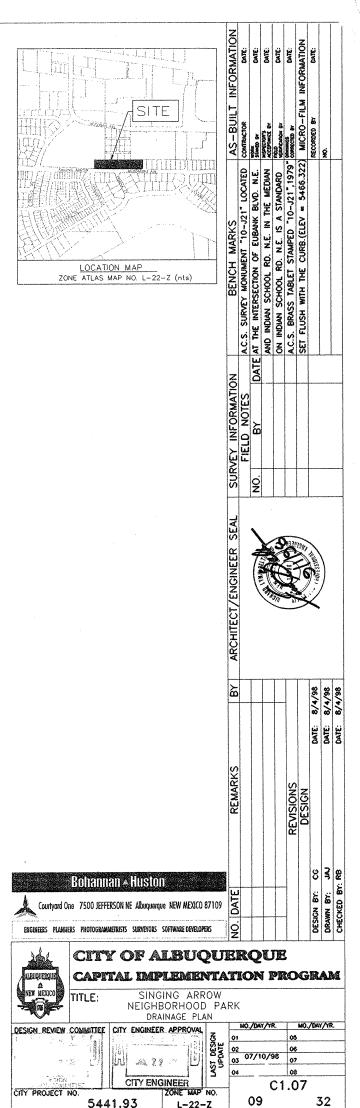
BASIN	AREA	% IMPERVIOUS	LAI	VD 1	REAT	MENT		TC	Q100
	(SQ. MI)	%	%	Α	В	C D		(HRS)	(CFS)
209	32	34.3		0	59	7	34	0.133	107
AP#25	80.5	61.0		8	34.9	7.7	61	0.133	213

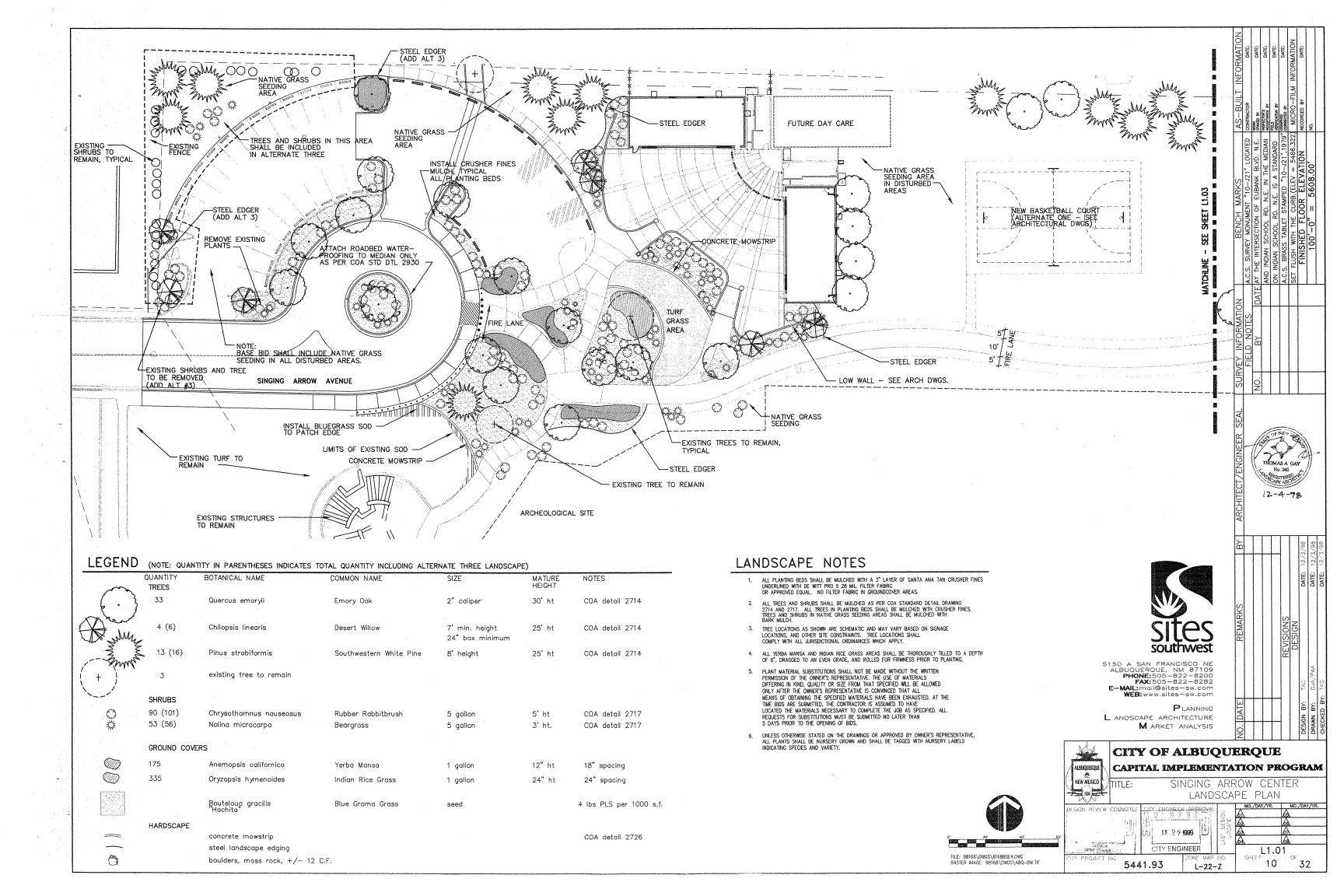
PROPOSED CONDITIONS (DER THIS STUDY)

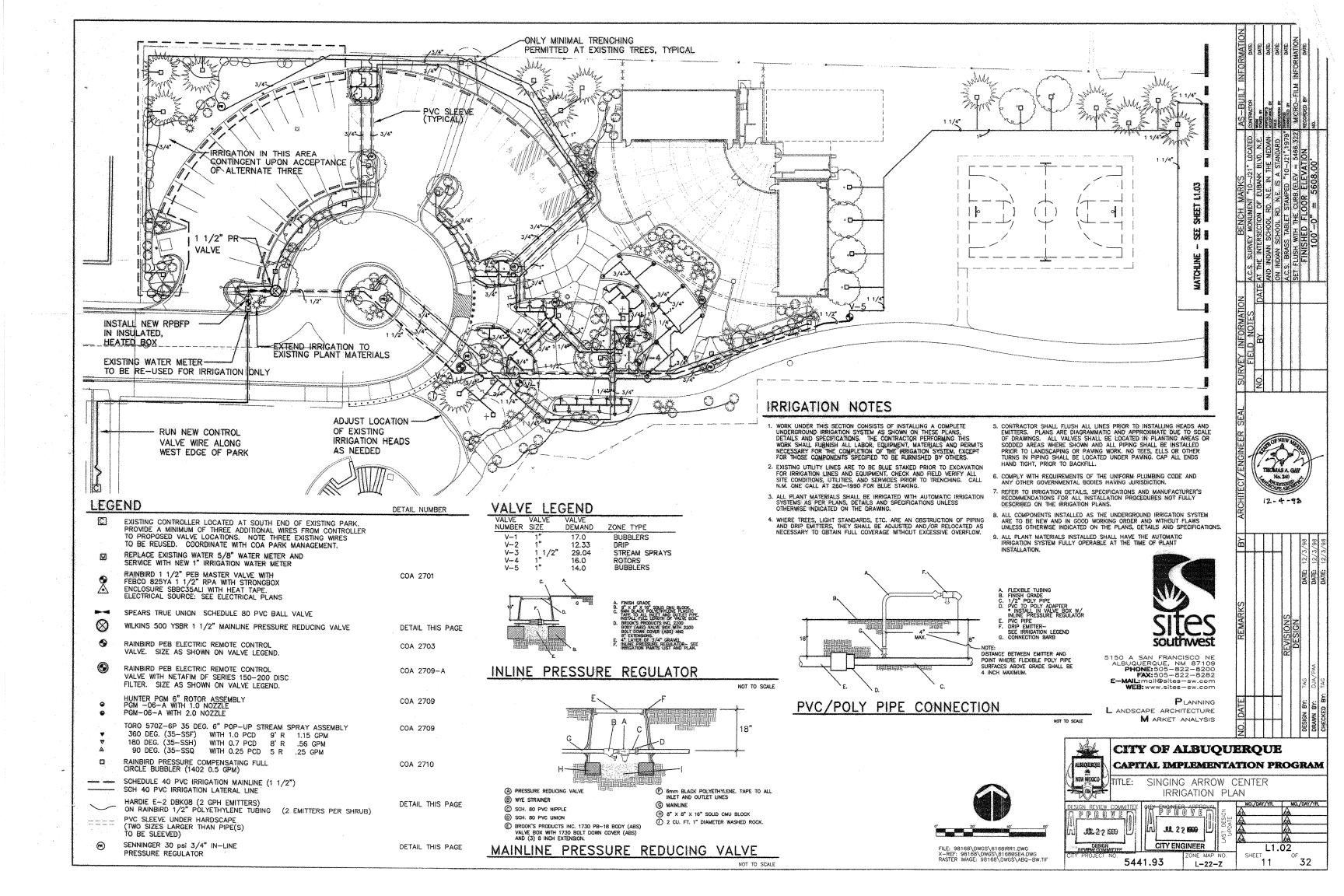
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BASIN	AREA	% IMPERVIOUS	LΑ	MD	TREA	TMEN	IT	TC ·	Q100
	(SQ. MI)	%	%	A	В	С	D	(HRS)	(CFS)
209	32	37.2		0	56	7	37	0.133	107
AP#25	80.5	61.9		8	34.8	7.8	61.9	0.133	215

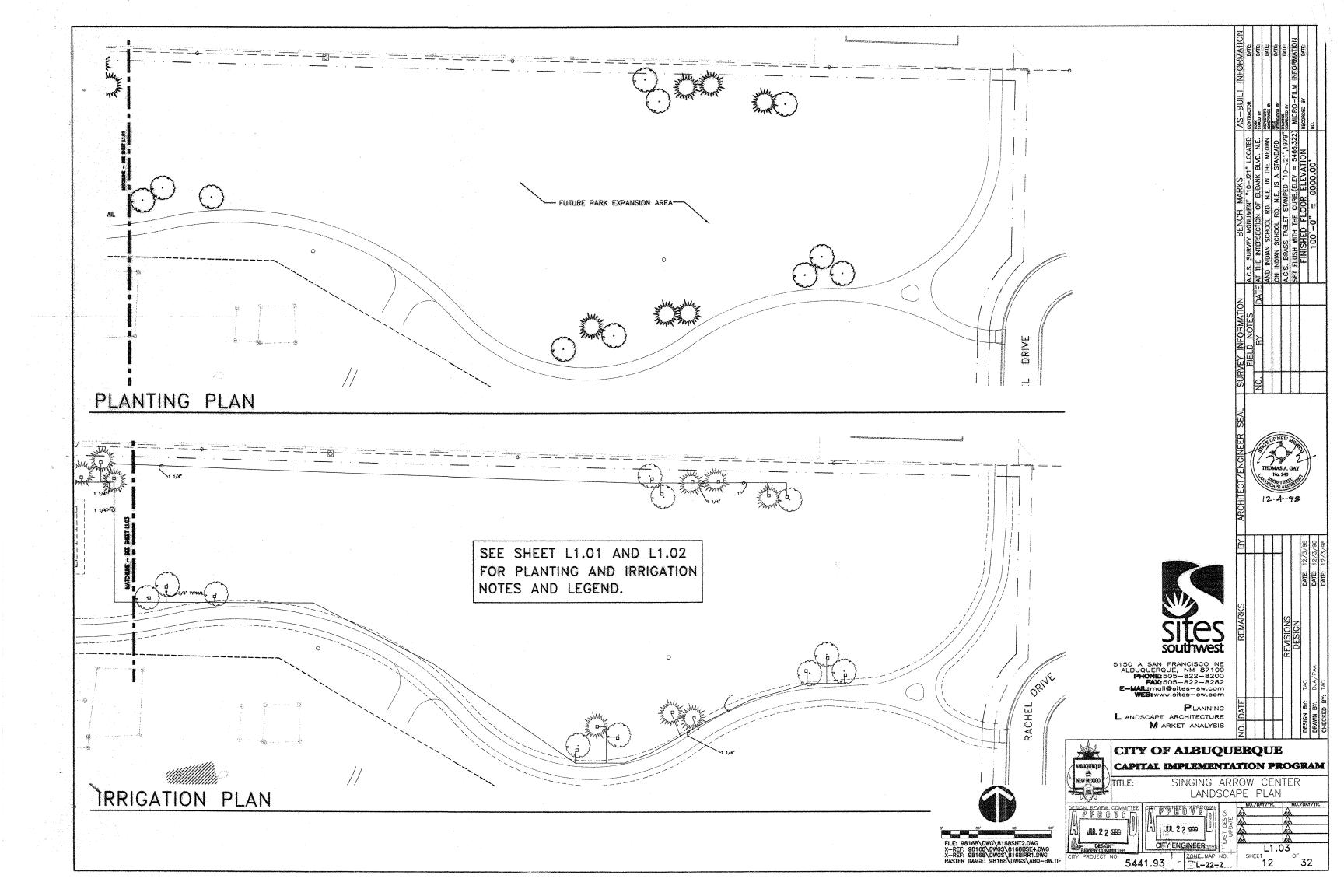


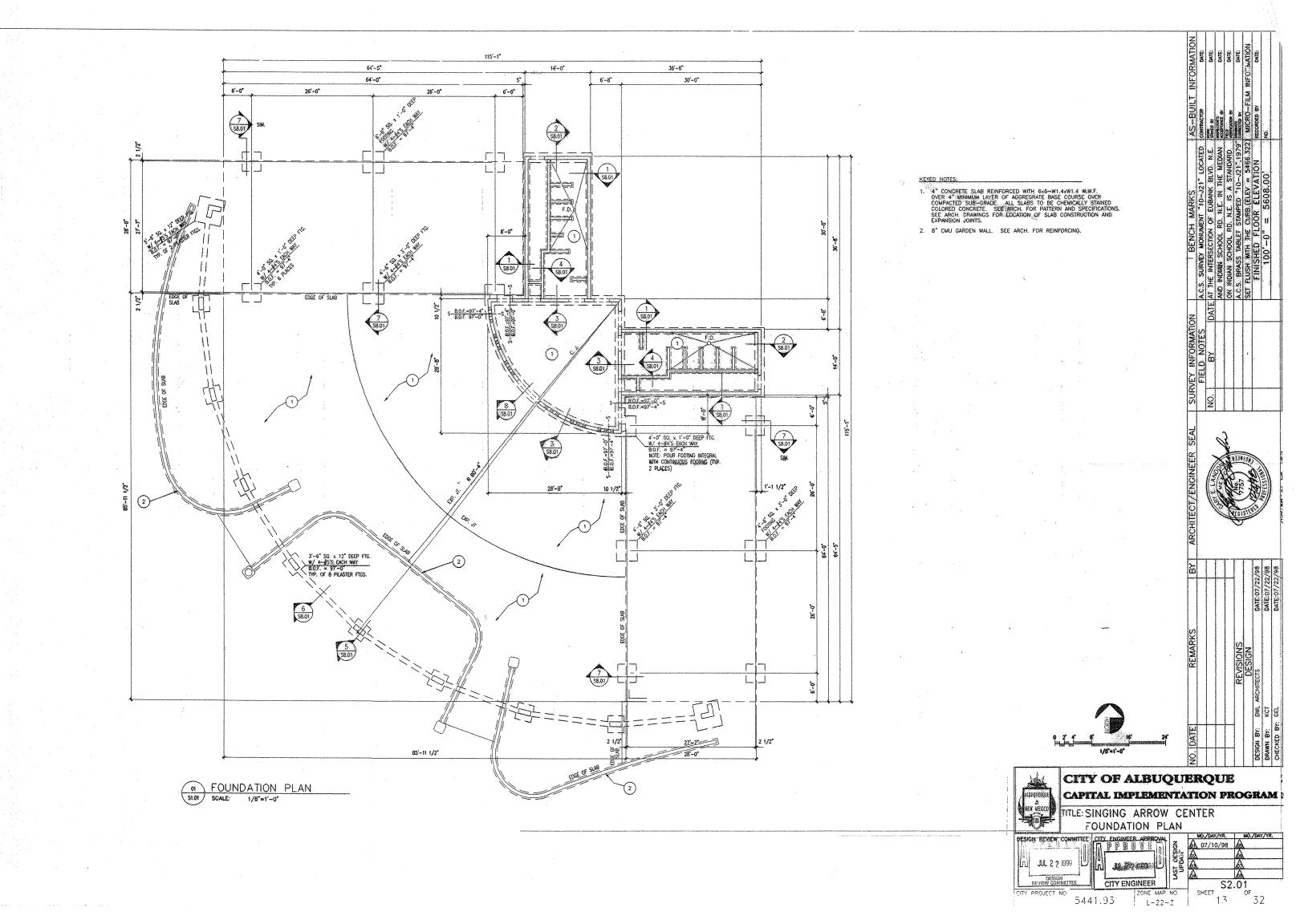
SUB-BASIN 209-A

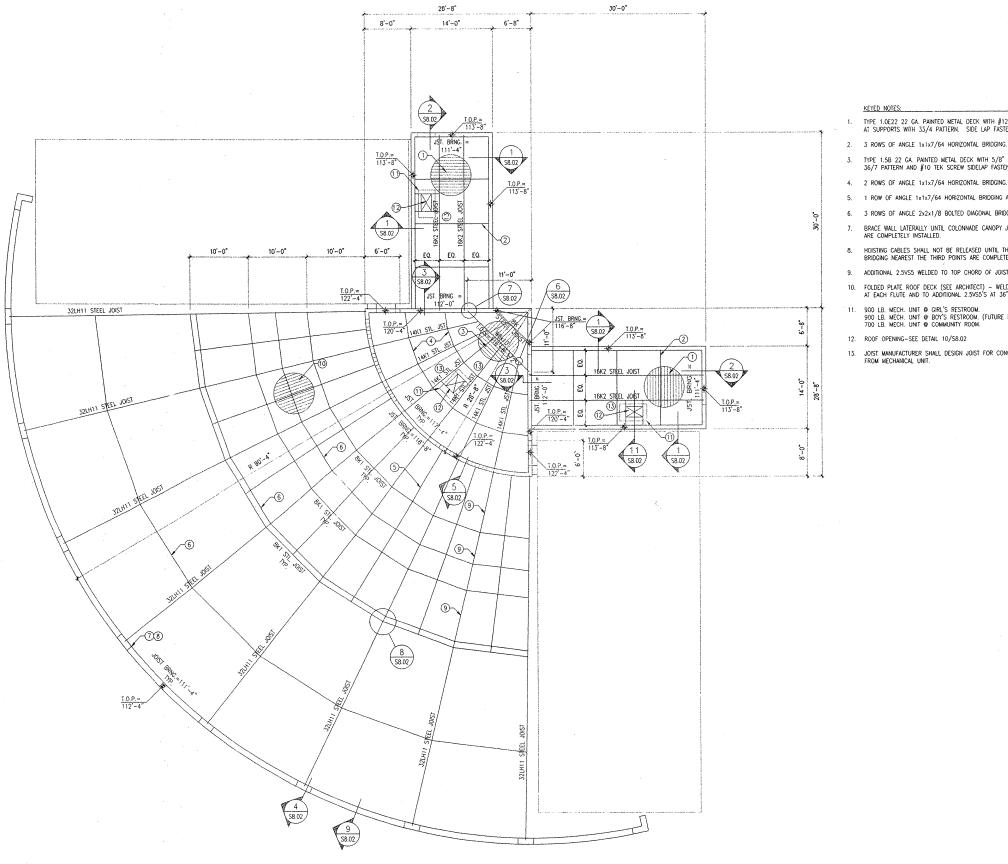












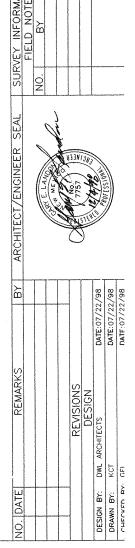
OI ROOF FRAMING PLAN \$2.01 SCALE: 1/8"=1'-0"

TYPE 1.0E22 22 GA. PAINTED METAL DECK WITH #12 TEK SCREW FASTENERS AT SUPPORTS WITH 33/4 PATTERN. SIDE LAP FASTENERS NOT REQUIRED.

5. 1 ROW OF ANGLE 1x1x7/64 HORIZONTAL BRIDGING AT MID SPAN.

12. ROOF OPENING-SEE DETAIL 10/S8.02

13. JOIST MANUFACTURER SHALL DESIGN JOIST FOR CONCENTRATED LOAD FROM MECHANICAL UNIT.

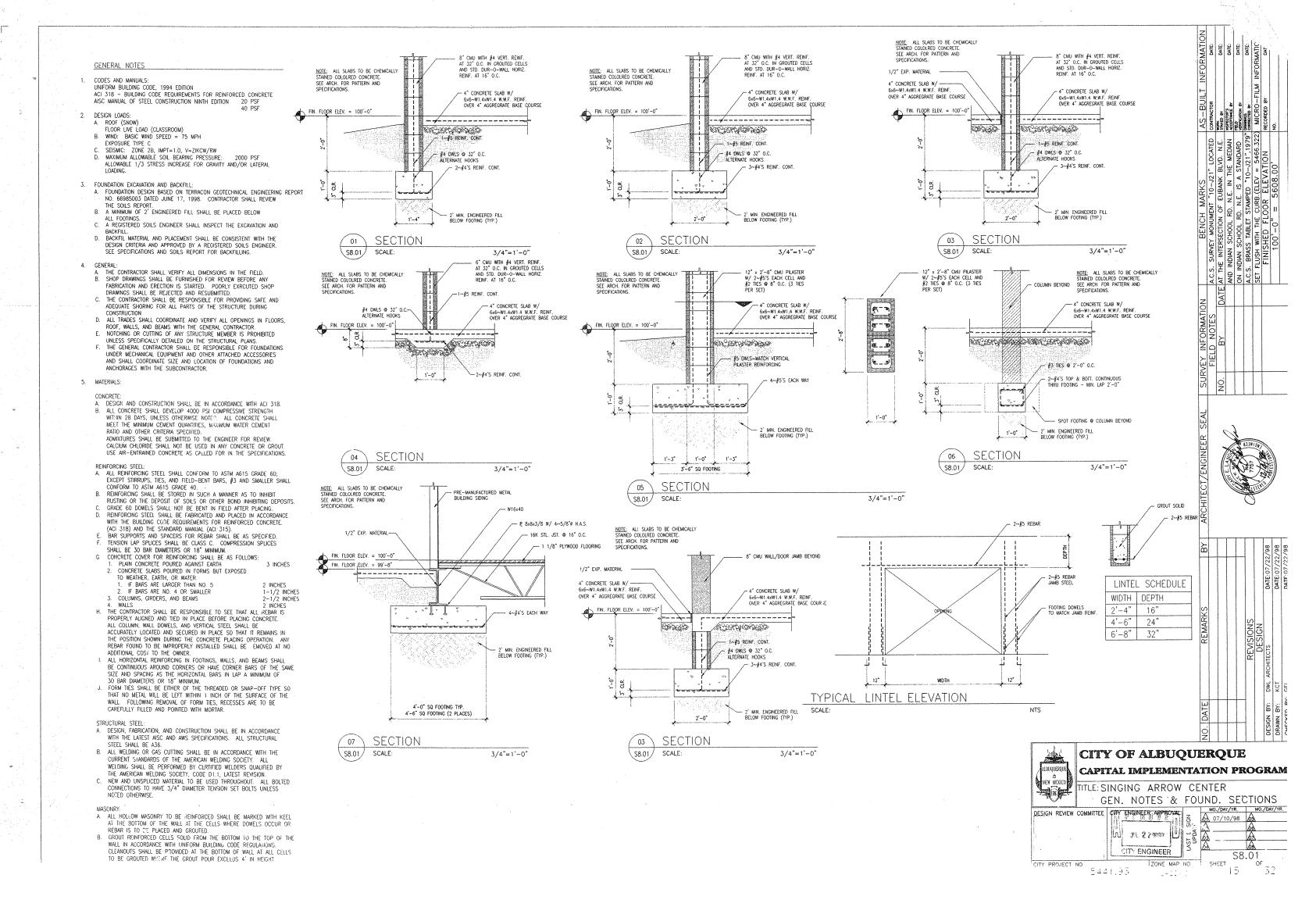


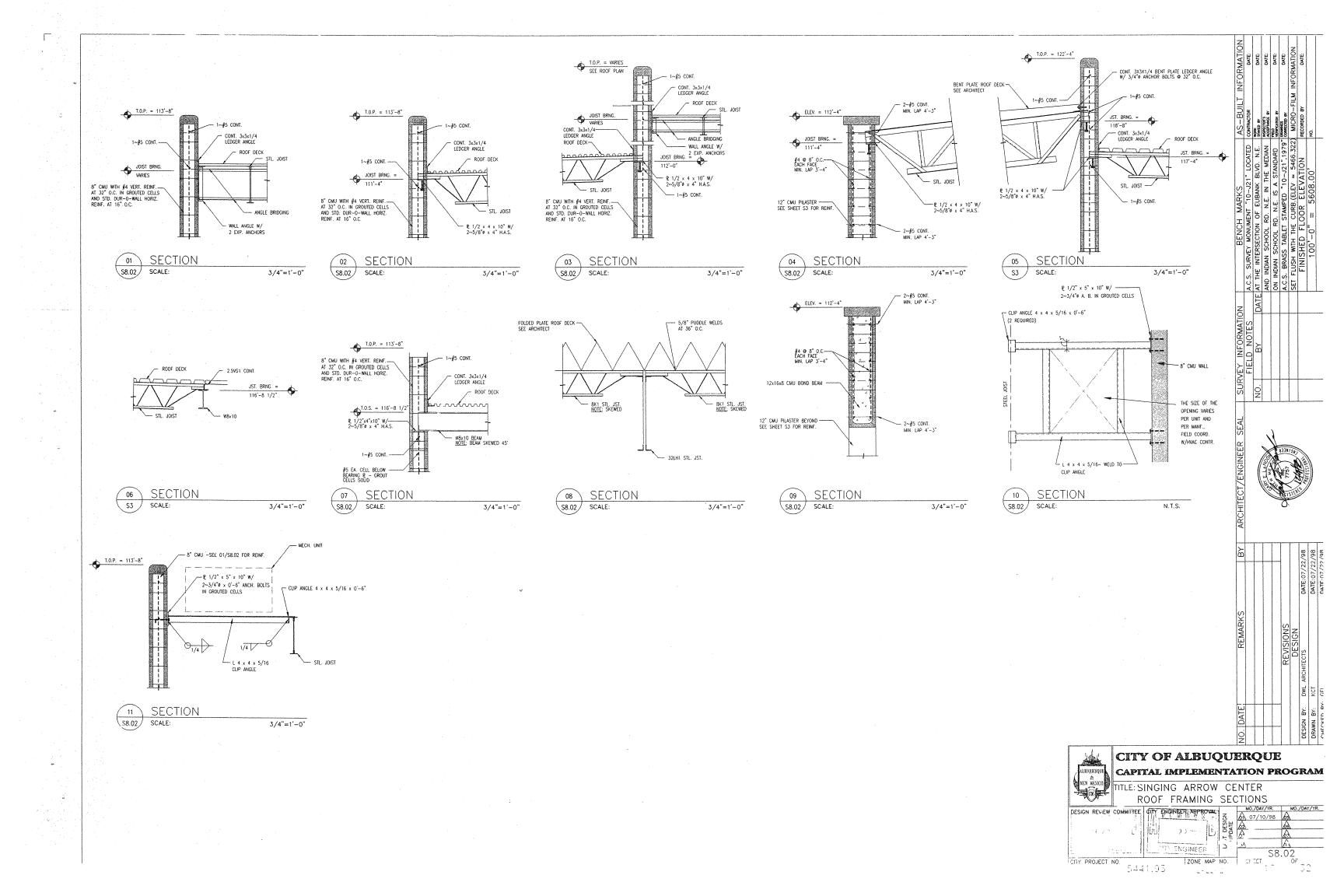


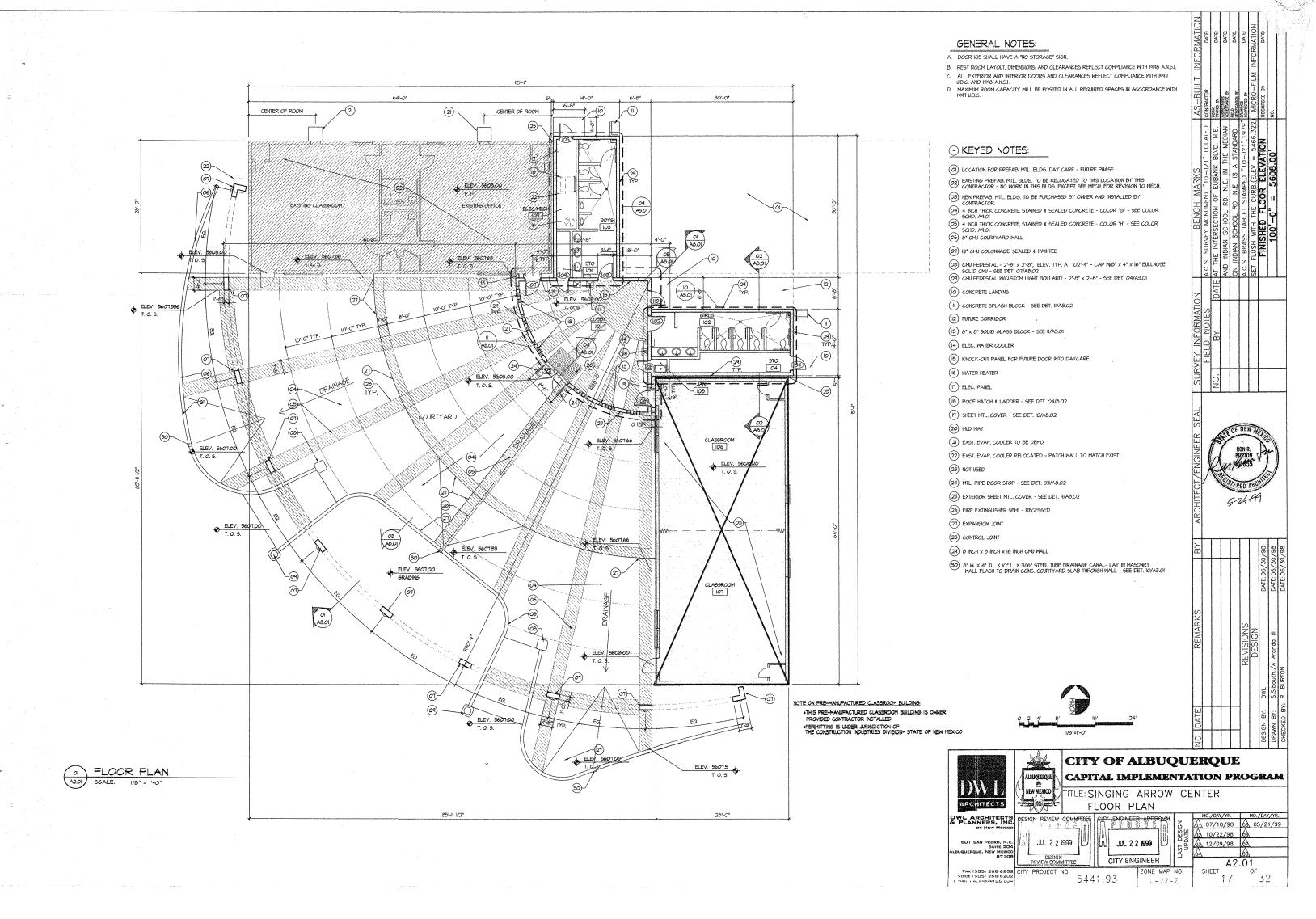
CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

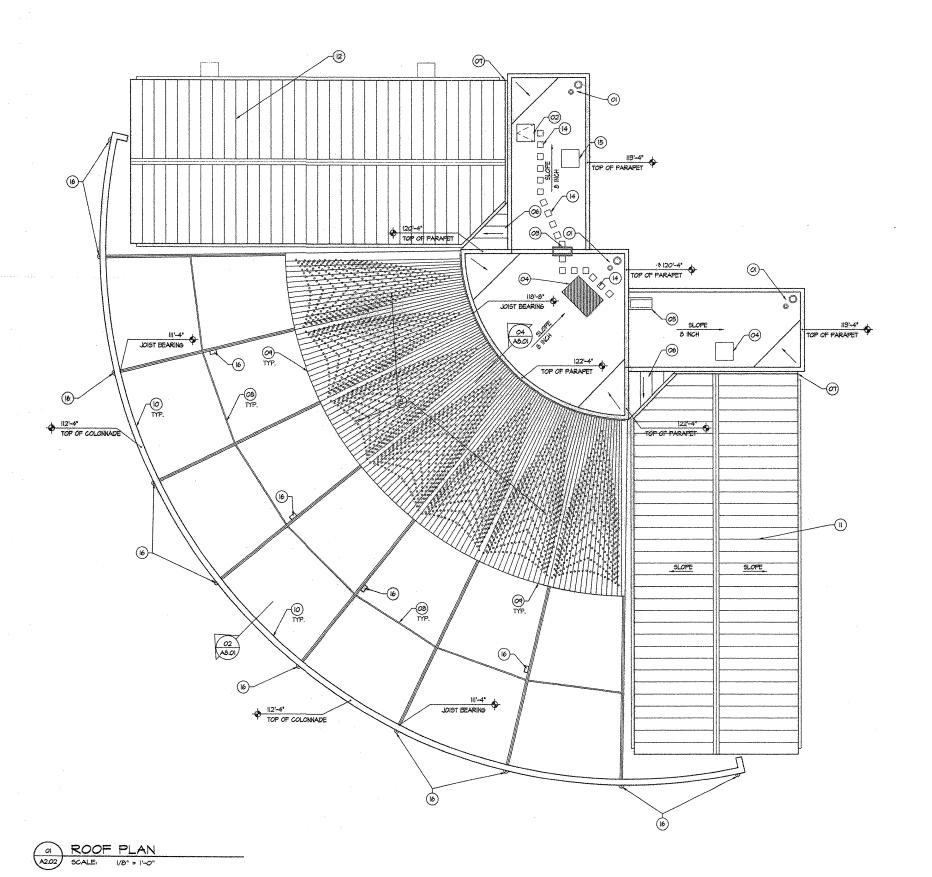
TITLE: SINGING ARROW CENTER ROOF FRAMING PLAN

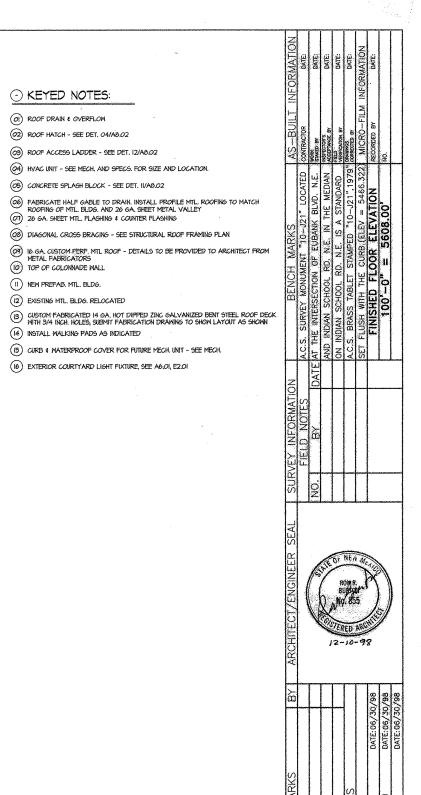
CITY ENGINEER CITY PROJECT NO SHEET 5441.93

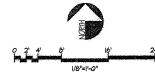


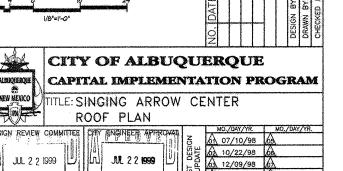










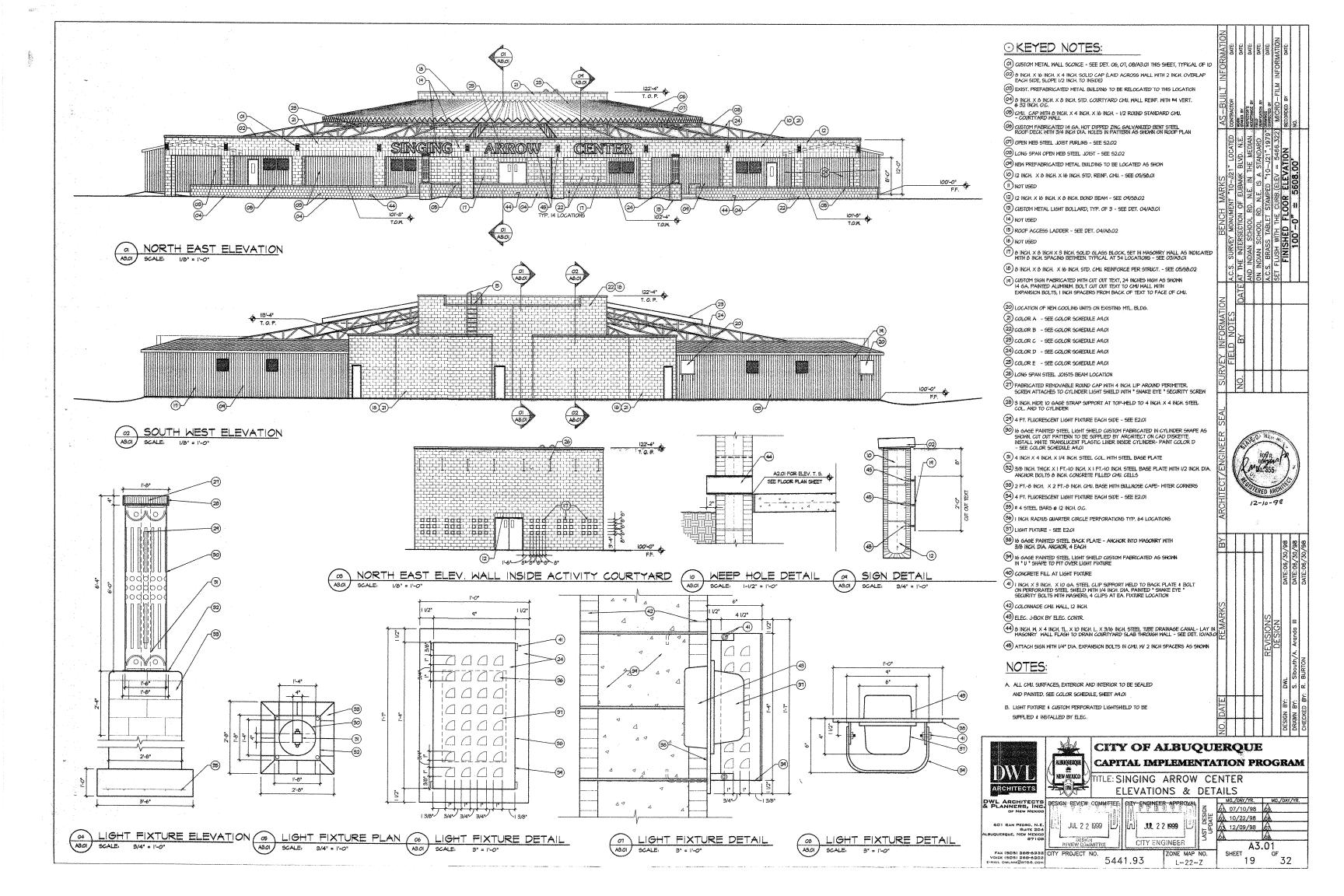


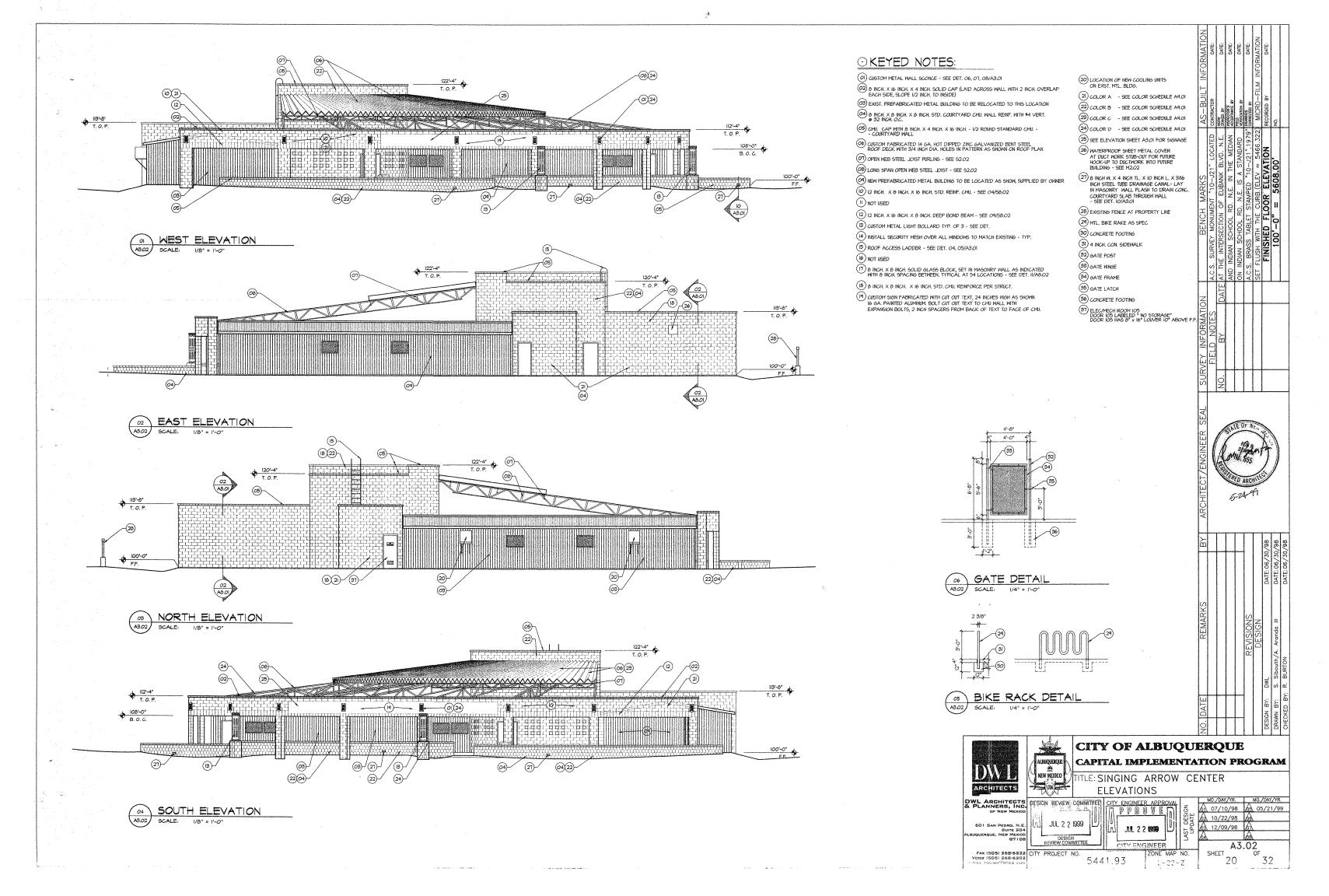
L-22-Z

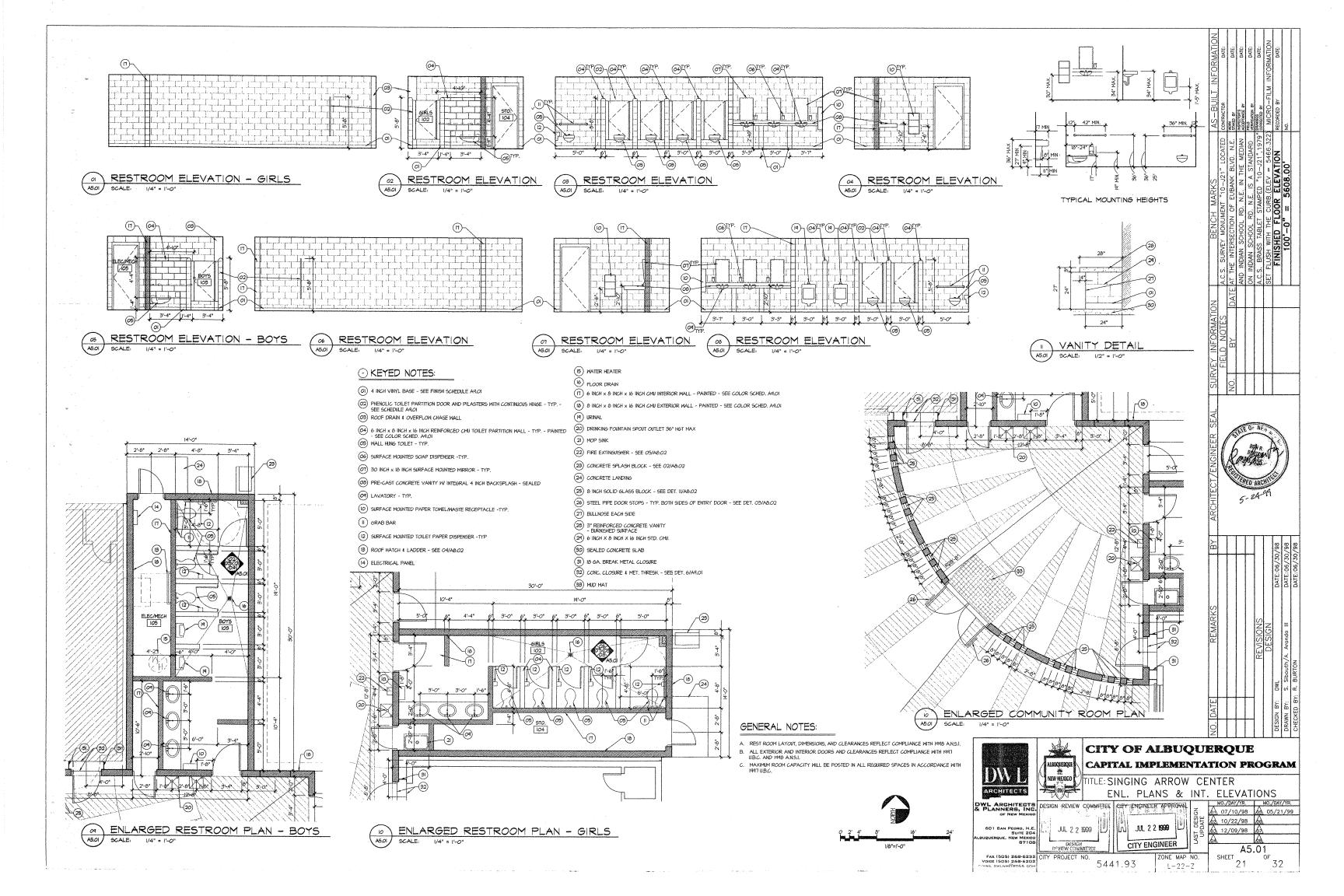
CITY ENGINEER

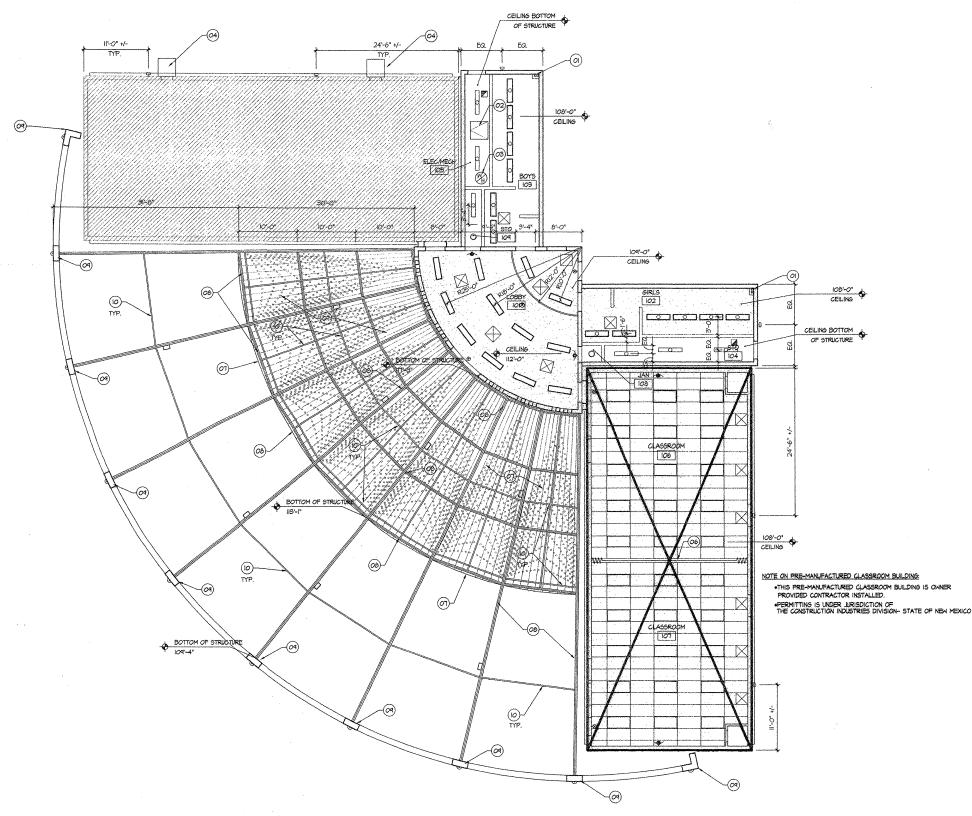
A2.02 OF 32

SHEET









• GENERAL NOTES: A. ALL DIMENSIONS ARE TO CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED. B. LIGHT FIXTURE LAYOUT AND DIMS, ARE TYP, IN BOTH RESTROOMS. C. FIXTURES NOT DIMENSIONED ARE TO BE CENTERED IN THE CEILING SPACE BOTH WAYS OR PLACED IN THE GRID AS SHOWN. D. EXTERIOR LIGHT FIXTURE DIMENSIONS ARE TYPICAL · KEYED NOTES: (01) ROOF DRAIN & OVERFLOW IN MTL. STUD FUR OUT (02) ROOF HATCH - SEE DET. 04/A8.02 (03) WATER HEATER - SEE MECHANICAL (04) LOCATION OF NEW COOLING UNITS ON EXST. MTL. BLDG. (05) LOCATION OF EVAP, COOLER TO BE SUPPLIED WITH NEW MIL. BLDG. PROVIDED BY CONNER. OT PERFORATED MTL. CANOPY - COLOR "C" - SEE COLOR SCHED. A9.01 (08) EXPOSED MTL. TRUSS - LONG SPAN COLOR "D" - PERLING COLOR "C" - SEE COLOR SCHED. A9.01 (2) 12 INCH CMU COLONNADE (IO) BOLTED DIAGONAL BRIDGING - SEE STRUCTURAL ROOF FRAMING PLAN 2' X 4' LAY-IN ACOUSTICAL TILE CEILING IN PRE-MANUFACTURED BLDG. PROVIDED BY OWNER GYP. BD. CEILING 2' x 4' FLUORESCENT FIXTURE I' x 4' RECESSED MOUNTED FLUORESCENT FIXTURE I' x 4' PENDANT HUNG FLUORESCENT FIXTURE CUSTOM COLUMN MOUNTED EXTERIOR FIXTURE EMERGENCY FIXTURE WBATTERY PACK WALL MOUNTED EXIT FIXTURE SURFACE MOUNTED CLOSET FIXTURE SMOKE DETECTOR DIFFUSER RETURN AIR GRILL



- LEGEND:

 \boxtimes

CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

TITLE: SINGING ARROW CENTER REFLECTED CEILING PLAN

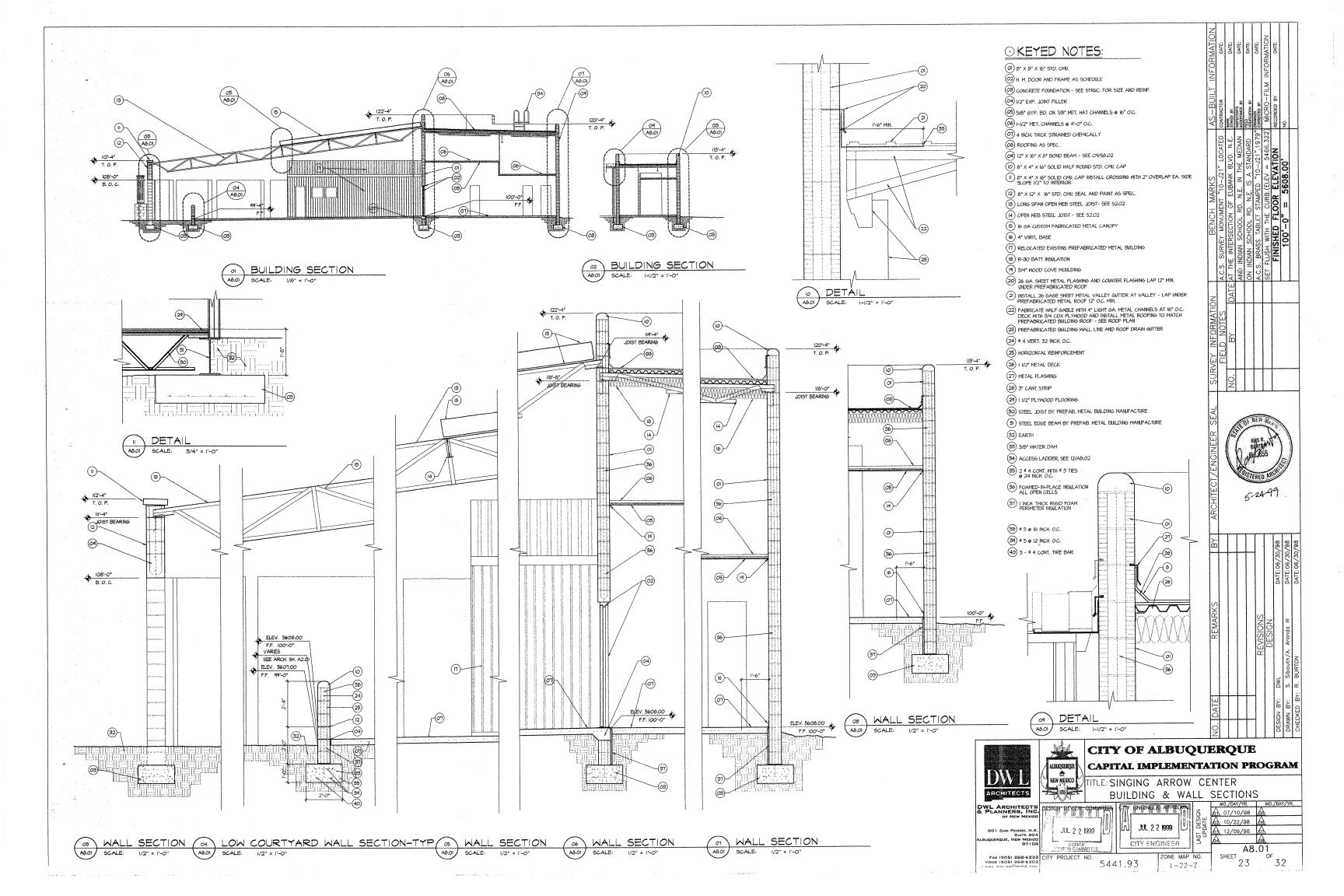
REVIEW COMMITTEE

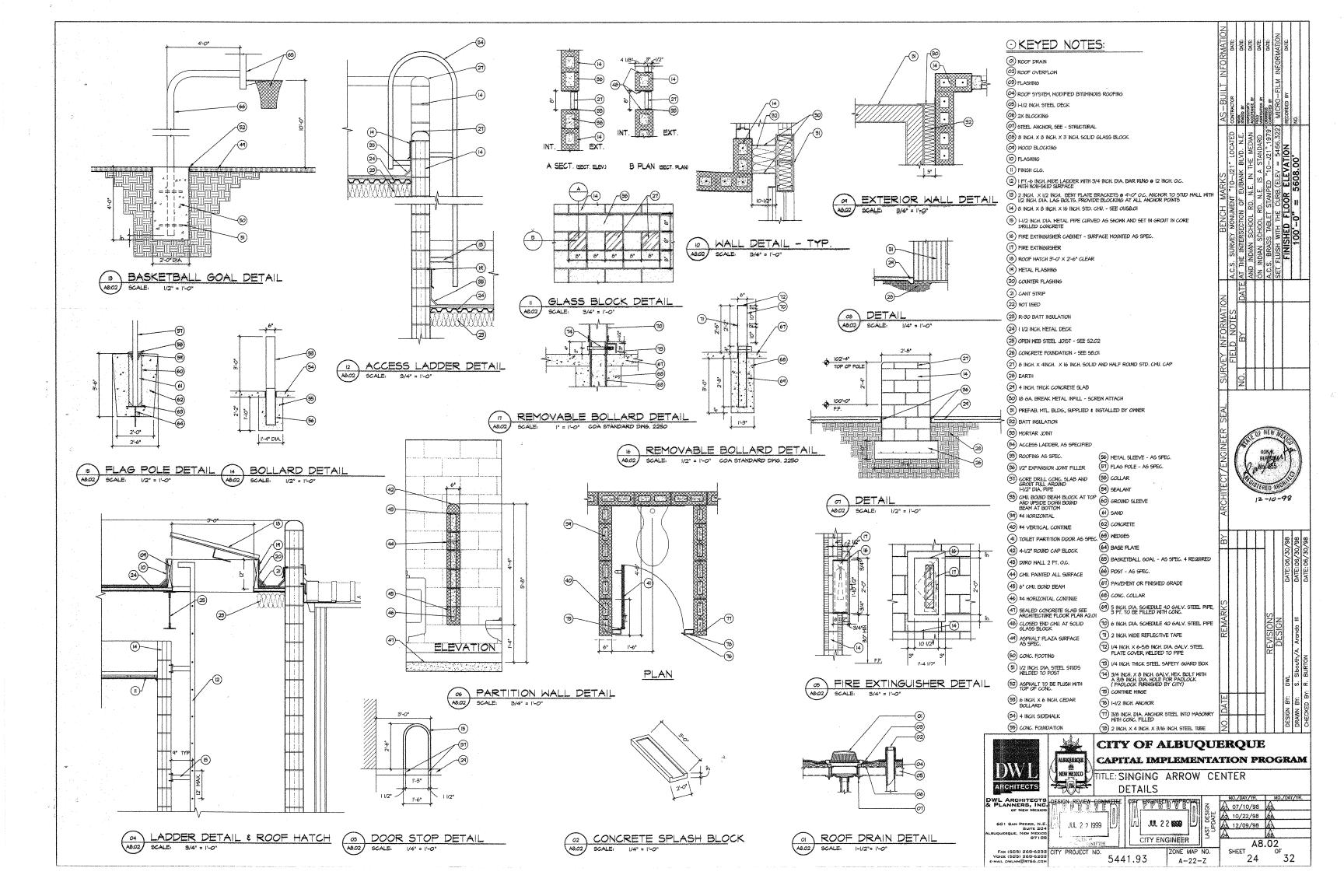
CITY ENGINEER 5441.93

62 10/22/98 66 63 12/09/98 67 A6.01 22

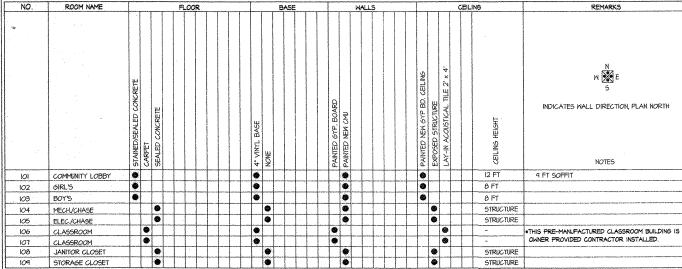
07/10/98 6

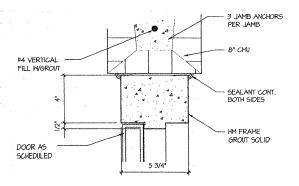
REFLECTED CEILING PLAN

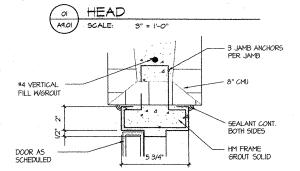


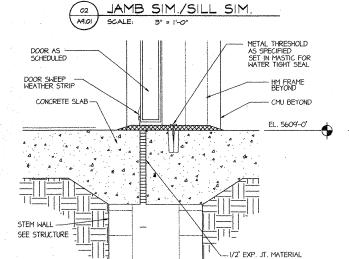


ROOM FINISH SCHEDULE NO. ROOM NAME

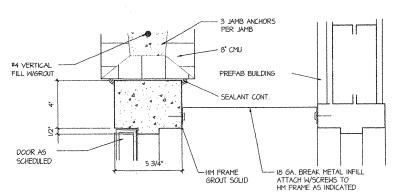




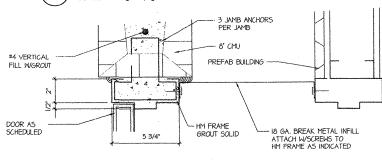




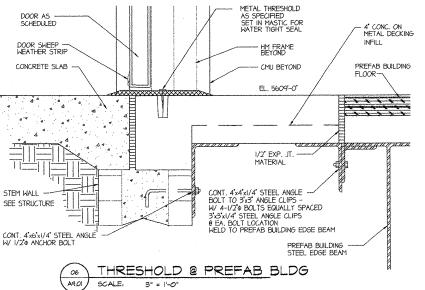




HEAD @ PREFAB BLDG



JAMB SIM. @ PREFAB BLDG



DOOR SCHEDULE

DOOR	SIZE						FRAME								DOOF	SIGN]	REMARKS
		SIZE								DETAILS	SHEET	10.PA		بے.				•
MO.	PAIR .	МІРТН	HEIGHT	THICK	MATERIAL	TYPE	MATERIAL	TYPE	рертн	НЕАР	JAMB		SILL/THRESH.	FIRE RTG, LABEL	ROOM NO.		HRDWR, SET	ALL DOORS, OPENINGS, & APPROACHE TO COMPLY WITH 1997 U.B.C./1998 A.N.S.
101		3' - 0"	7' - 0"	1 3/4	HM	A	HM	A	5 3/4	Ol	02		03				#01	
102		3' - 0"	7'-0"	13/4	HM	В	HM	Ð	5 3/4	01	02		03		102	GIRLS	#06	
103		3' - 0"	7' - 0"	13/4	HM	В	HM	В	5 3/4	OI	02		03		103	BOYS	#06	
104		3' - 0"	7' - 0*	13/4	нм	В	НМ	В	5 3/4	OI.	02		03		104		#03	
105		3' - 0"	7' - 0"	1 3/4	HM	В	HM	В	5 3/4	01	02		03		105	NO STORAGE	#03	8 " x 16 " LOUVER, 10 INCH ABOVE F.F
106		3' - 0"	7' - 0"	1 3/4	HM	Α	НМ	Α	5 3/4	04	05	1	06				#04	
107		3' - 0"	7' - 0"	1 3/4	HM	В	HM	В	5 3/4	04	05		06				#05	
108		2'-4"	7' - 0"	1 3/4	НМ	C	HM	C	5 3/4	01	02		03				#07	
109		2'-4"	7' - 0"	1 3/4	HM	C	HM	C	5 3/4	OI	02		03				#07	
110		3' - 0"	7' - 0"	13/4	HM	Α	HM	В	5 3/4	01	02		03				#02	
												T						EXTERIOR GATE

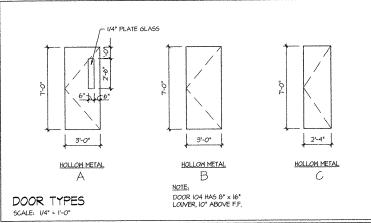
GENERAL NOTE

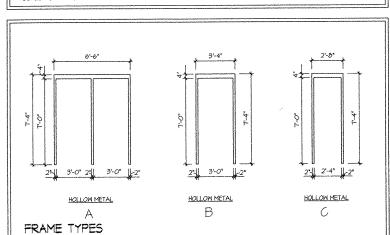
- A. ALL EXTERIOR AND INTERIOR DOORS AND CLEARANCES REFLECT COMPLIANCE WITH 1997 U.B.C. AND 1998 A.N.S.I.
- B, MAXIMIM ROOM CAPACITY WILL BE POSTED IN ALL REQUIRED SPACES IN ACCORDANCE WITH 1997 U.B.C.

MATERIAL AND COLOR SCHEDULE

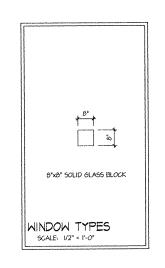
No.	MATERIAL	MANUFACTURER	COLOR	REMARKS
Α	CMU WALL	WELL: BORN	SQUASH - 2067T(7-3T)	EXT. CURVED COLONNADE WALL
	CMU WALL	WELLBORN	AUTUMN FLAME - 2097D(9-IOD)	EXT. LOW PATIO WALLS
	16 Ga. METAL	SUN METAL	G-90 ZING-COATED, HOT DIP GALVANIZED	EXT, CUSTOM FAB. MTL. SHADE ROC
D	I6 Ga. METAL	KYNAR 500	COLOR SUBMIT TO ARCH, FOR SELECTION	EXT. CUSTOM LIGHTS & STL. JST.
=	16 Ga, METAL	KYNAR 500	COLOR SUBMIT TO ARCH, FOR SELECTION	EXT, METAL SIGNAGE - FACE
	16 Ga, METAL	KYNAR 500	COLOR SUBMIT TO ARCH, FOR SELECTION	EXT. MÉTAL SIGNAGE - LETTERS
6	CHEMICALLY STAINED CONCRETE	OC CONSTRUCTION PRODUCTS	BUCKWEAT ON WHITE	FIELD COLOR
<u></u>	CHEMICALLY STAINED CONCRETE	OC CONSTRUCTION PRODUCTS	NEPTUNE ON WHITE	ACCENT COLOR
	CMU WALL	WELLBORN	AUTUMN FLAME - 2097D(9-IOD)	EXT. COMMUNITY ROOM WALLS
	CMU WALL	WELLBORN	SQUASH - 2067T(7-3T)	EXT. RESTROOM WALLS
	CMU WALL	WELLBORN	LA PERLE - Q4-4IP	ALL INT. WALLS
	CEILING	WELLBORN	WHITE	CEILING
k	PHENOLIC	BOBRICK	COLOR SUBMIT TO ARCH, FOR SELECTION	TOILET PARTITION DOORS
N	CONCRETE	CONTRACTOR TO SUBMIT SHOP DWGS.	BURNISHED CONCRETE	VANITY
	HOLLOW MIL, FRAME	WELLBORN	VERBENA VIOLET - 2334D(21-14D)	HOLLOW MIL, DOOR FRAMES
	HOLLOW MTL. DOOR	WELLBORN	RASPBERRY SORBET - 2273C	HOLLOW MTL. DOORS
	MTL, LIGHT FIXTURES	WELLBORN	RASPBERRY SORBET - 2273C	ALL EXTERIOR LIGHT FIXTURES
<u> </u>	STEEL ROOF JOISTS	WELLBORN	RASPBERRY SORBET - 2213C	ALL EXPOSED STEEL TRUSSES AND
<u> </u>	JEEE ROOF GOSTO			DIAGONAL CROSS BRACING
				
V			AND AND ADDRESS OF THE PROPERTY OF THE PROPERT	
W				
``				

NOTE: LISTED MANUFACTURERS ARE FOR COLOR, PATTERN, PERFORMANCE AND TEXTURES ONLY. NOTE: ALL SUBMITTALS INVOLVING COLOR MUST BR RECEIVED PRIOR TO PROCESSING



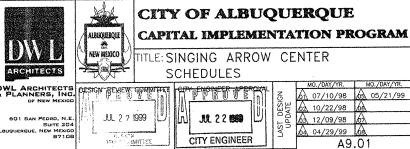


SCALE: 1/4" = 1'-0"

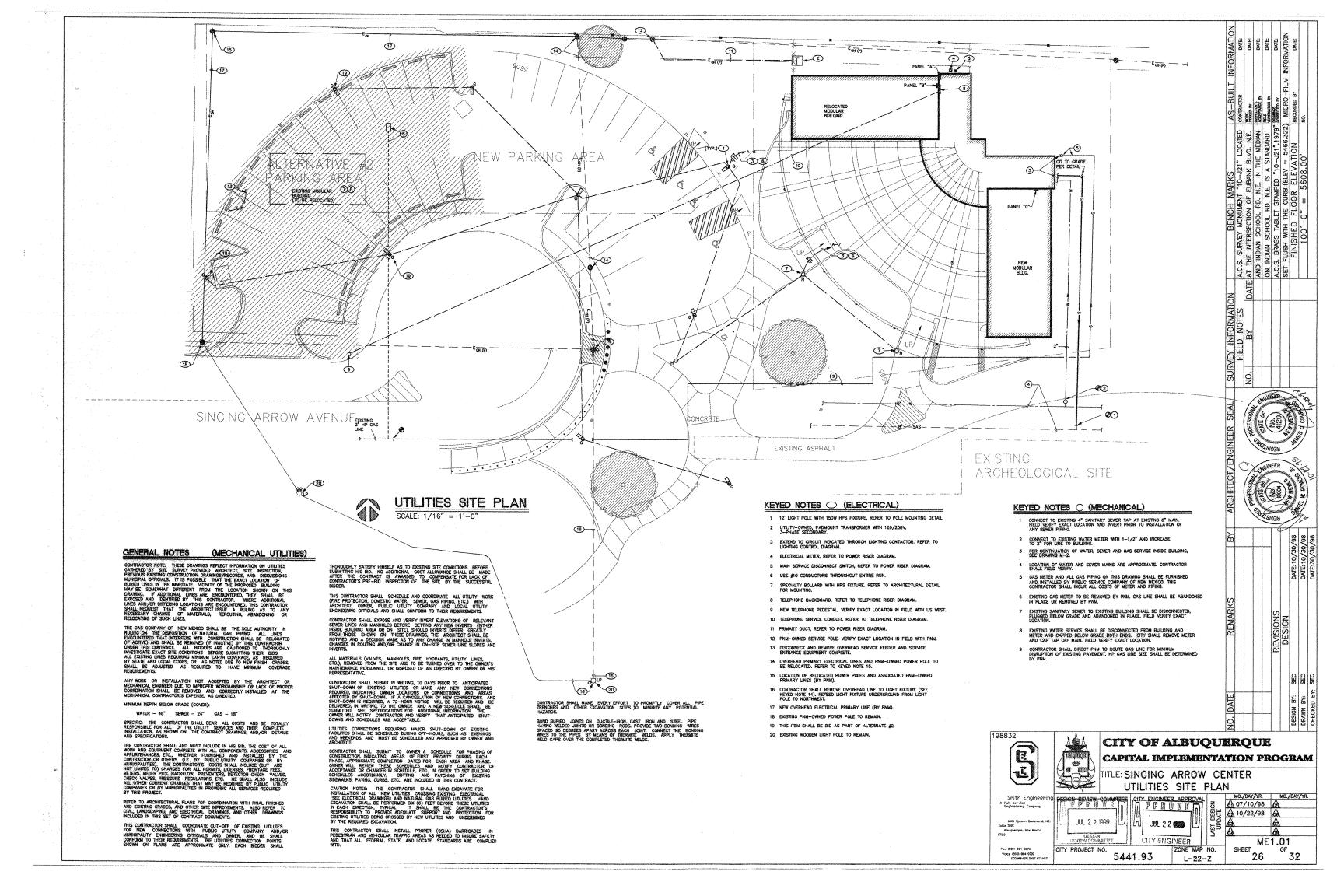


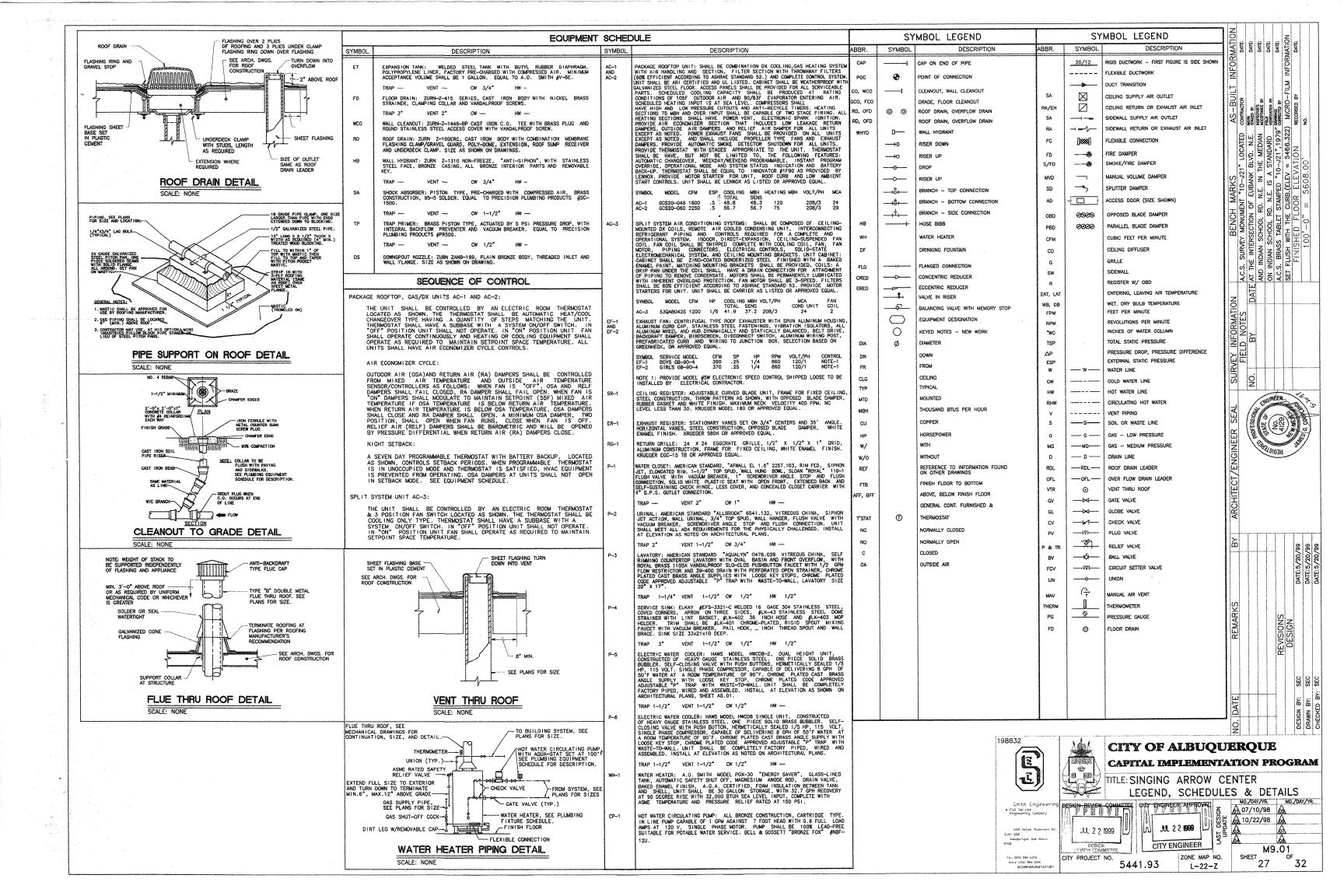
	ARCHITECT/ENGINEER SEAL				NO A	OF JOSEPH SERVICE	· vi	グシシ		
	ВҮ							0/98	0/98	90/0
	REMARKS					REVISIONS	DESIGN	DWL DATE: 06/30/98	M. Alvidrez/S.Sibouth/A. Aranda III DATE:06/30/98	P RIBTON
	NO. DATE							DESIGN BY:	DRAWN BY:	OUTCIVED BY. B BIRTON
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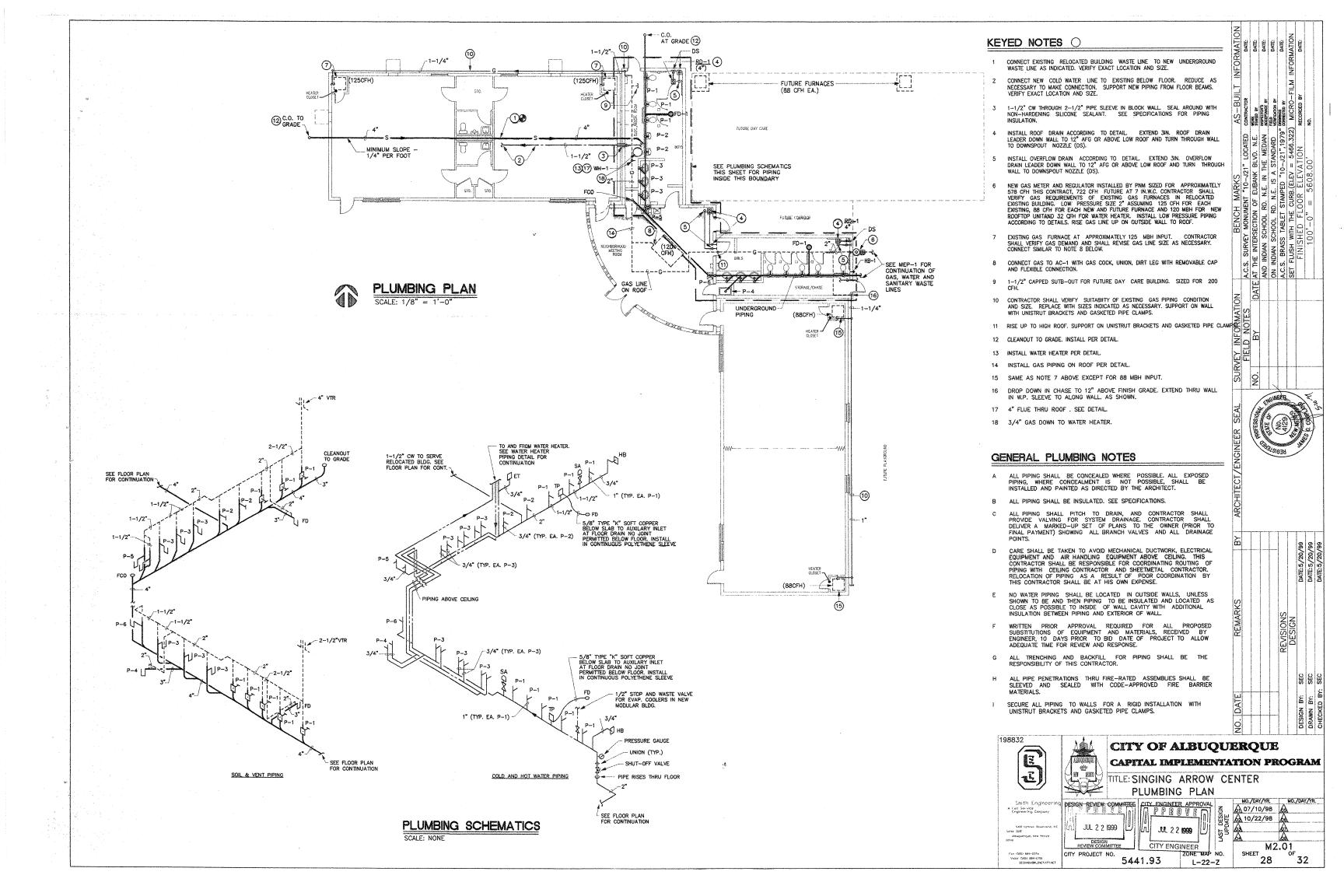
SHEET 25

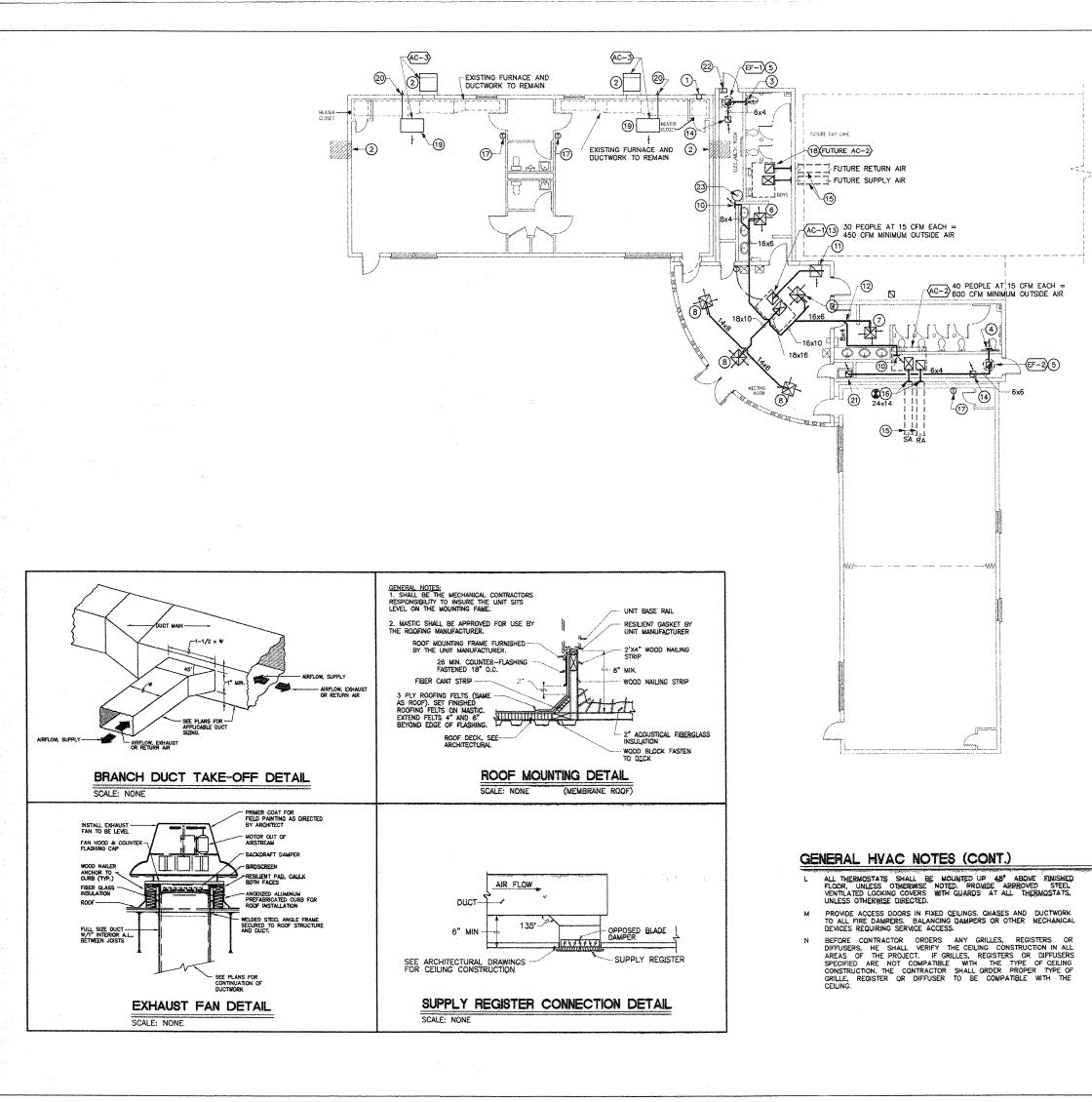


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RELOCATE EXISTING 14x14 COMBUSTION AIR LOUVERS FROM END WALL TO SIDE WALL COMMON TO HEATER CLOSET. RE-INSTALL ONE AT BOTTOM ELEVATION 8 IN. ABOVE HEATER PLATFORM AND ONE AT TOP ELEVATION 8 IN. BELOW CEILING OF HEATER CLOSET. SEAL AROUND LOUVER FLANGE WITH NON-HARDENING SILICONE SEALANT. INSTALLATION SHALL BE ACCOMPLISHED WITHOUT DISTURBING EXISTING FURNACE.

2 PAD-MOUNTED CONDENSING UNIT. SEE EQUIPMENT SCHEDULE.

 \bigcirc

ER-1 EXHAUST REGISTER, 12x8, 340 CFM.

ER-1 EXHAUST REGISTER, 12x8, 290 CFM.

5 10x10 RISE FOR CONNECTION TO EXHAUST FAN. SEE EXHAUST FAN DETAIL.

SR-1 SUPPLY REGISTER, 14x14 NK., 310 CFM.

SP_1 SHIPPLY PEGISTER 14v14 NK 265 C

8 SR-1 SUPPLY REGISTER, 12x12 NK., 275 CFM.

SR-1 SUPPLY REGISTER, 14x14 NK., 300 CFM.

10 SR-1 SUPPLY REGISTER, 8x4 NK., 50 CFM.

11 RG-1 RETURN GRILLE, 24x24, 1170 CFM

12 BRANCH TAKE-OFF. SEE TYPICAL DETAIL.

13 ROOF-MOUNTED AC UNIT SHALL BE PLACED SO THAT SUPPLY AND RETURN AIR DUCTS THROUGH ROOF STRADDLE BAR JOIST OR BRIDGING.

14 ER-1 EXHAUST REGISTER 6"x6", 50 CFM.

15 SUPPLY AND RETURN DUCT BY MODULAR BUILDING SUPPLIER.

16 CONTRACTOR SHALL CONNECT TO DUCTWORK SUPPLIED BY MODULAR BUILDING SUPPLIER. CONTRACTOR SHALL COORDINATE DUCT SIZES WITH BUILDING SUPPLIER. SEE ARCHITECTURAL DRAWINGS FOR WEATHER-PROOFING OF DUCT PENETRATIONS BETWEEN BUILDINGS.

17 THERMOSTAT SHALL BE AS SCHEDULED AND SUPPLIED BY AC UNIT MFGR. THERMOSTAT SHALL BE INSTALLED AT 48" A.F.F.

18 CONTRACTOR SHALL PURCHASE AND INSTALL ROOF CURB FOR FUTURE AC UNIT. CURB SHALL BE IDENTICAL TO FACTORY CURB SUPPLIED WITH AC-2. EXTEND SUPPLY AND RETURN DUCTS FROM SUPPLY AND RETURN AIR CONNECTIONS ON BOTTOM OF CURB, DOWN AND TO IMMEDIATELY INSIDE TEMPORARY REMOVABLE PANEL BY ARCHITECT. SEE ARCHITECTURAL DRAWNGS. DUCT SIZES AND ELEVATION SHALL BE SAME AS FOR AC-2. CONTRACTOR SHALL INSTALL ONE-PIECE INSULATED SHEETMETAL CURB CAP SEALED WEATHER—TIGHT.

19 CEILING MOUNTED FAN COIL UNIT. SUSPEND FROM ROOF STRUCTURE WITH 5/8" DIA. HANGER RODS AND VIBRATION ISOLATORS, 4 REQUIRED. SEE EQUIPMENT SCHEDULE.

20 ROUTE CONDENSATE DRAIN FULL CONNECTION SIZE THROUGH WALL TO GROUND. PROVIDE SECONDARY DRAIN PAN AND PIPING.

21 6"x6" EXHAUST GRILLE ER-1, 30 CFM, WITH 6"x4" DUCT TO EXHAUST FAN.

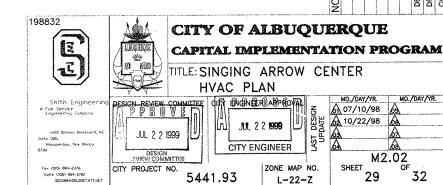
22 16"x8" RUSKIN # ELF-375 LOUVER IN OUTSIDE WALL AT TOP ELEVATION LESS THAN 12" BELOW BOTTOM OF ROOF DECK, LOUVER SHALL BE FLANGED AND SHALL HAVE 1/4" MESH GALVANIZED BIRD SCREEN BEHIND. SEE ARCHITECTURAL DRAWINGS FOR LOW LOUVER IN DOOR.

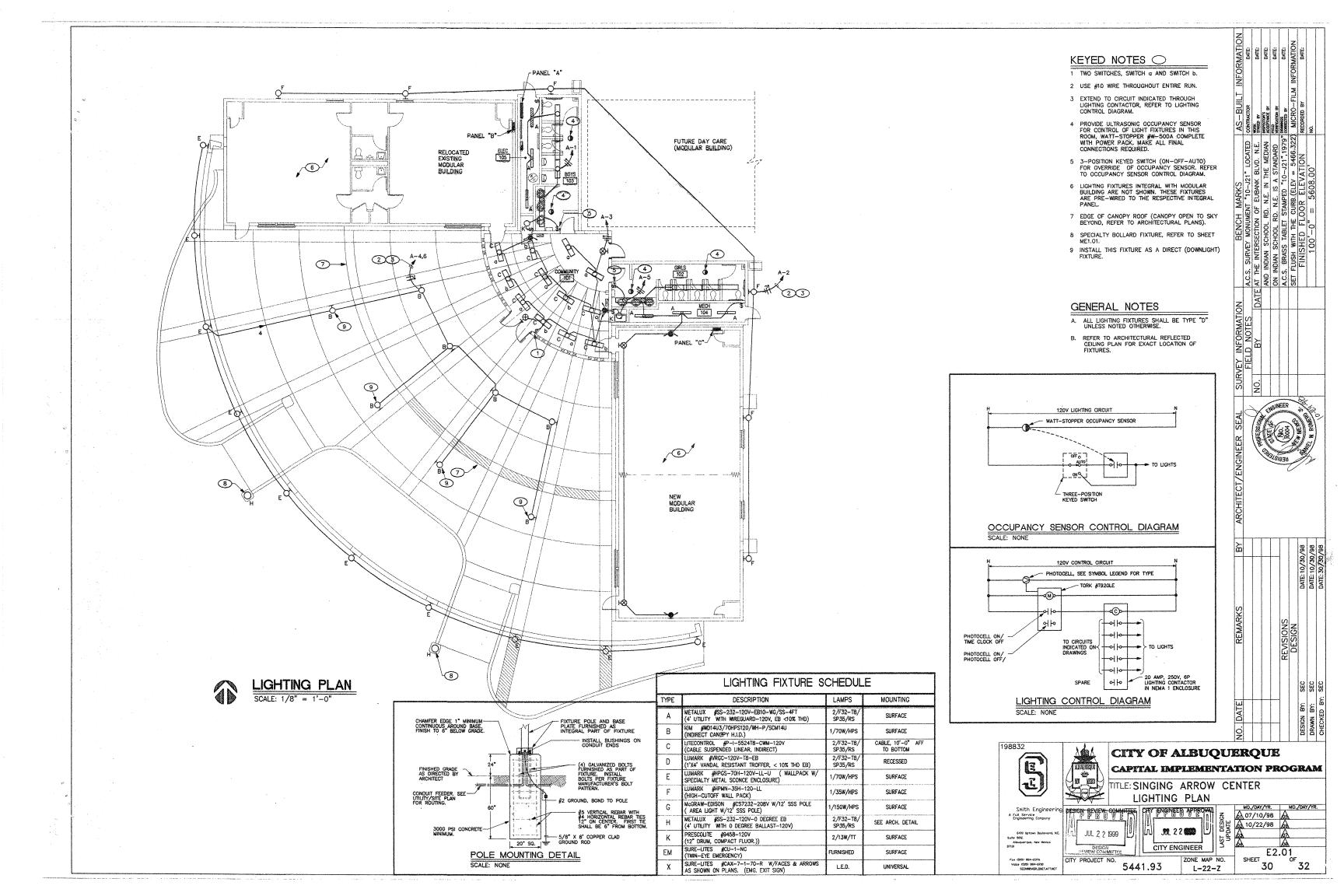
23 WATER HEATER FLUE THROUGH ROOF. FLUE SHALL BE FULL SIZE OF WATER HEATER FLUE CONNECTION. SEE DETAIL ON SHEET 27 OF 32.

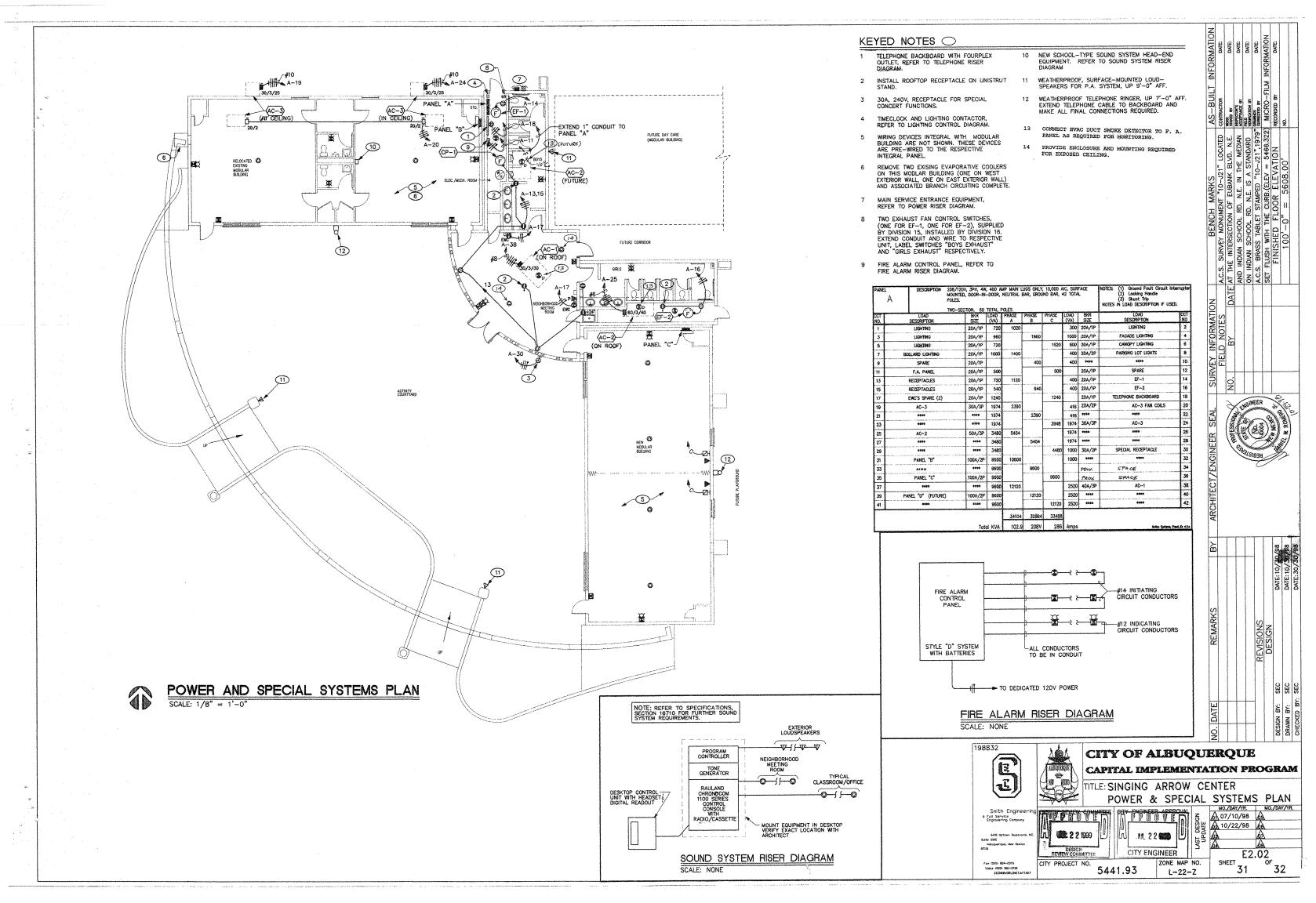
GENERAL HVAC NOTES

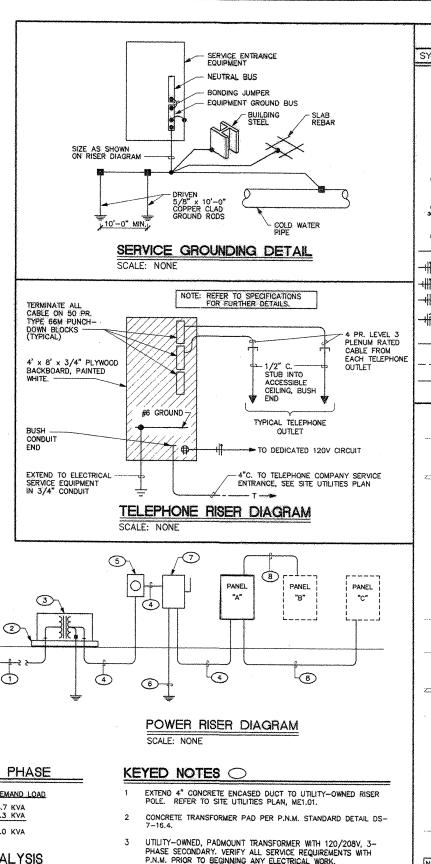
- A ALL DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS. INSTALL 1"
 INTERIOR ACOUSTIC LINER IN RECTANGULAR ONLY WHERE NOTED.
 ROUND DUCTS SHALL BE EXTERNALLY INSULATED, UNLESS OTHERWISE
- B ALL DUCT SEAMS SHALL BE SEALED AIRTIGHT WITH HIGH PRESSURE DUCT SEALER AND HIGH VELOCITY TAPE.
- C PROVIDE ALL NECESSARY FITTINGS FOR RISES AND OFFSETS IN DUCTWORK AND PIPING REQUIRED FOR PROPER INSTALLATION WHETHER OR NOT SHOWN ON DRAWINGS.
- D ALL DUCTWORK INSTALLED IN AREAS WITH CEILING TO BE ROUTED BETWEEN LIGHTS AS MUCH AS POSSIBLE AND INSTALLED AS HIGH AS POSSIBLE.
- ALL DUCT PENETRATIONS THRU THE ROOF SHALL BE CURBED, FLASHED AND COUNTERFLASHED TO ACHIEVE A WATERTIGHT CONSTRUCTION.
- COORDINATE ROOF PENETRATIONS TO AND FROM EQUIPMENT WITH STRUCTURAL DRAWINGS, ROOF OPENINGS SHALL BE LOCATED BETWEEN
- G INSTALL BALANCING DAMPERS FOR EACH DIFFUSER. BRANCH DUCTS TO DIFFUSERS SHALL BE OF EQUAL SIZE TO NECK DIAMETER.
- H COORDINATE THE LOCATIONS OF ALL DUCTWORK WITH ANY PLUMBING LINES AND ELECTRICAL CONDUIT.
- COORDINATE LOCATION OF ALL DIFFUSERS, CRILLES AND REGISTERS TO BE SYMMETRICAL WITH RESPECT TO LIGHTS AND CEILING GRIDS. SEE REFLECTED CEILING PLAN AND LIGHTING PLAN.
- ALL 90-DEG. SQUARE ELBOWS SHALL BE PROVIDED WITH DOUBLE THICK TURNING VANES.
- ALL FIRE DAMPERS SHALL BE INSTALLED IN A U.L. APPROVED MANNER AND SHALL BE U.L. LISTED.











LOAD SUMMARY: 120/208V, 3 PHASE

CODE DEMAND LOAD NEW PARK BLDG. FUTURE (10%) 102.9KVA 10.3 KVA

SHORT CIRCUIT CURRENT ANALYSIS

113.2 KVA

MARY SHORT CIRCUIT CURRENT (S.C.C.):

ASSUME BUILDING TRANSFORMER SIZE = 112.5 KVA NOMINAL TRANSFORMER IMPEDANCE (%Z) = 2%

S.C.C. AVAILABLE AT TRANSFORMER SECONDARY = 15,625A S.C.C. AVAILABLE AT MAIN DISCONNECT = 12.000A.

S.C.C. AVAILABLE AT LOAD SIDE OF 400A RKI FUSES = 7,000A.

ALL PANELBOARDS SHALL HAVE A MINIMUM OF 10,000 A.I.C. AND BRACING.

ENERGY CODE ANALYSIS

THE PLANS AND SPECIFICATIONS ARE DESIGNED IN CONFORMANCE WITH MODEL ENERGY CODE LIGHTING LEVELS.

INTERIOR LIGHTING LOAD ---- 7,920 W/ 4,654 SQ. FT. = 1.7 W/SQ.FT.

- P.N.M. PRIOR TO BEGINNING ANY ELECTRICAL WORK.
- 400A FEEDER, 4 #500kcmil AND 1 #2 GROUND IN 3.5" CONDUIT.
- METERING PER UTILITY REQUIREMENTS.
- 1 #1/0 BSD COPPER SERVICE GROUND IN 3/4" CONDUIT. REFER TO SERVICE GROUNDING DETAIL.
- 400A, 240V, 3P+SN, FUSIBLE, SERVICE-RATED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE WITH 400A BUSS RK1
- 8 100A FEEDER, 3 #2 AND 1 #8 GROUND IN 1,25" CONDUIT.

