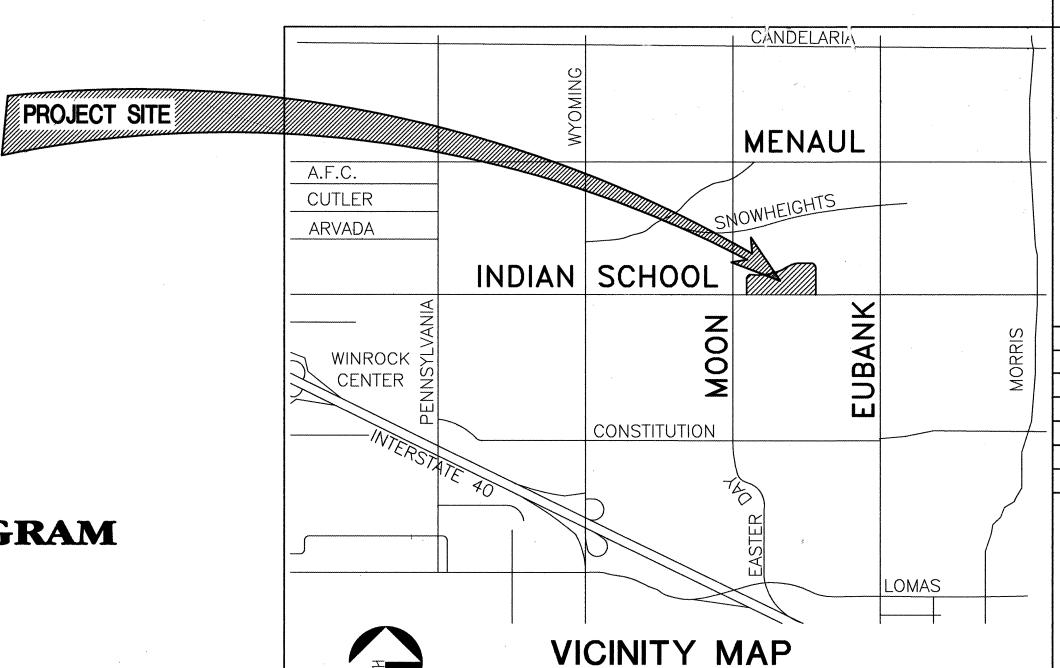
# SNOW PARK DAYCARE CENTER

9501 INDIAN SCHOOL ROAD NE ALBUQUERQUE, NEW MEXICO 87112

BUILDING REMODEL & ADDITION PROJECT NO. 5476.90 10/21/97

FOR INFORMATION ONLY



# NOTICE TO CONTRACTORS

- 1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1989 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) TO DETERMINE LOCATION OF EXISTING UTILITIES.
- 3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- 4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC...WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RESET BY THE CONTRACTOR.
- 5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) WORKING DAYS PRIOR TO STARTING WORK IN ORDER THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL 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. THE CONTRACTOR SHALL NOTIFY THE BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
- 7. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.

# THE FOLLOWING ALSO APPLY WHEN CHECKED

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER
SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
IF CURB IS DEPRESSED FOR A DRIVE PAD OR RAMP, IT SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.



CITY PROJECT NO.



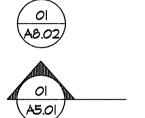
CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

Fax (505) 268-6232 STAMP & SIGNATURE

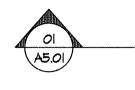
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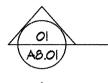
# SYMBOLS LEGEND



DETAILS



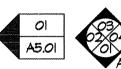
BUILDING SECTION



WALL SECTION



ELEVATION



INTERIOR ELEVATIONS

03

KEYED NOTES

(101)

DOOR NUMBERS



WINDOW TYPES

В

WALL TYPES

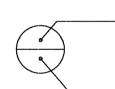
ELEVATION MARK



COLOR INDICATION



ROOM NAME & NUMBER



SECTION, DETAIL OR ELEVATION IDENTIFICATION

NUMBER OF SHEET ON WHICH SECTION, DETAIL, OR ELEVATION IS SHOWN

# MATERIALS LEGEND

CONCRETE

RIGID INSULATION

BATT INSULATION

METAL IN SECTION

PLAS CEM & GROUT

WOOD IN ROUGH

WOOD FINISH

PLYWOOD

# **BUILDING DESIGN DATA**

### LIFE SAFETY CRITERIA

(THE FOLLOWING REPRESENTS THE MINIMUM CODE AND CONSTRUCTION REQUIREMENTS BASED ON THE LISTED CRITERIA. THESE REQUIREMENTS SHALL NOT BE USED TO ALTER OR DOWNGRADE ANY CONSTRUCTION DOCUMENT DETAIL, SPECIFICATION OR ASSEMBLY PERFORMANCE WHICH MAY EXCEED THE MINIMUM CODE REQUIREMENTS LISTED.)

NFPA 101 - LIFE SAFETY CODE, 1991 Ed. UBC, UNIFORM BUILDING CODE, 1991 Ed. UPC, UNIFORM PLUMBING CODE, 1991 Ed.

### <u> 1. OCCUPANCY (UBC)</u>

- A. E-3 DAYCARE & SUPPORT SPACES. A. A-4 EXST. OUTDOOR ASSEMBLY SPACE.
- 2. CONSTRUCTION (UBC) TYPE V (UBC TABLE 5-C)
- 3. FIRE SEPARATION
- A. EXTERIOR WALLS: E-3 1 HOUR LESS THAN 10 FEET
- B. EXTERIOR OPENINGS: NOT PERMITTED LESS THAN 5 FEET, PROTECTED LESS THAN 10 FEET

# 4. ALLOWABLE FLOOR AREA (UBC)

- A 1. TABLE 5 C (UBC): E-3 = 9,100 SF (TYPE V N)
  - 2. ALLOWABLE AREA INCREASE FOR SEPARATION ON THREE SIDES OF THE BUILDING IS INCREASED 2.50% FOR EACH FOOT, 100% MAXIMUM (UBC SEC. 506-a.2)
  - 3. ACTUAL DESIGNED GROSS AREA: EXISTING SUPPORT WING = 840 S.F.
  - NEW DAYCARE WING = 900 S.f.TOTAL = 1740 S.F.(INTERIOR)

EXISTING OUTDOOR ASSEMBLY SPACE = 3825 S.F.

### 5. FIRE PROTECTION SYSTEM

- A. PORTABLE FIRE EXTINGUISHER
- B. SMOKE DETECTORS AND ENUNCIATORS

# 6. ROOFS

A 1. CLASS B (MINIMUM)

## 7. EXIT AND ACCESS REQUIREMENTS

- A. ACCESS TO FIRE EXTINGUISHERS MUST BE PROVIDED
- MINIMUM OF TWO EXITS ARE REQUIRED (INTERIOR)
- C. TWO EXITS MUST BE REMOTE AND SPACED NO LESS THAN ONE HALF THE DIAGONAL DIMENSION OF BUILDING, OR ROOM (INTERIOR) THE EXTERIOR ASSEMBLY SPACE IS OPEN AND UNRESTRICTED ON 3 1/2 SIDES.
- D. DEAD END CORRIDORS MUST NOT EXCEED (20) FEET. (UBC) 3305 C.)
- E. TRAVEL DISTANCE NO MORE THAN (75) FÈET (UBC 1991)
- F. OCCUPANT L'OAD -
  - 1 PERSON / 35 SF DAYCARE ROOM 1 PERSON / 100 SF OFFICE

  - 1 PERSON / 300 SF STORAGE TOTAL OCCUPANT LOAD - 36 (INTERIOR)

  - 1 PERSON / 15 SF ASSEMBLY AREA (OUTDOOR) TOTAL OCCUPANT LOAD — 255 (OUTDOOR)
- G. HEADROOM AT EXITS AND ACCESS CORRIDORS 7'-0" MINIMUM H. DOOR WIDTH 36 INCHES MINIMUM. ALL EXIT DOORS MUST
- SWING IN THE DIRECTION OF TRAVEL.
- I. EXIT DOORS FROM EXIT CORRIDORS ARE REQUIRED TO BE EQUIPPED WITH PANIC HARDWARE.

### 8. INTERIOR FINISHES

A. ALL MATERIALS MUST BE CLASS "A" OR "B" IN DAYCARE SPACES. B. ALL MATERIALS MUST BE CLASS "A" IN SUPPORT SPACES AND CORRIDOR.

## 9. FIRE EXTINGUISHERS

- A. ORDINARY HAZARD 75 FEET MAXIMUM TRAVEL DISTANCE (NFPA 10) B. EXTINGUISHER CLASSIFICATION (2A:10B;C) MINIMUM
- <u>10. PLUMBING FIXTURE COUNT</u>
- A. TWO (2) TOILETS AND TWO (2) LAVATORIES PER APPENDIX C: UPC.

# PROJECT TEAM



CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM



Fax (505) 268-6232

**BOHANNAN-HUSTON INC.** ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS ALBUQUERQUE LAS CRUCES



Smith Engineering Company

# INDEX OF DRAWINGS

A8.03

A8.04

A8.05

A9.01

M1.01

M2.01

E1.01

E2.01

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23

DETAILS

DETAILS

DETAILS

SCHEDULES

MECHANICAL PLANS

ELECTRICAL PLANS

01 02 03 04 05 06	A0.01 A0.02 A1.01 A1.02 L1.01 L1.02	ARCHITECTURAL SITE PLAN LANDSCAPE DEMOLITION PLAN
07	L1.02 L1.03	SITE GRADING AND DRAINAGE PLAN SITE CONSTRUCTION LAYOUT PLAN
08	L1.03 L1.04	PLANTING PLAN
09	L1.04 L1.05	
10	L1.06	The second secon
11	S1.01	FOUNDATION PLAN, ROOF PLAN & SECTIONS
12	S2.01	ROOF FRAMING DETAILS
13	S2.02	ROOF FRAMING DETAILS
14	A2.01	FLOOR/DEMO/ROOF/RCP PLANS
15	A3.01	EXTERÍOR ELÉVATIONS
16	A3.02	BUILDING SECTIONS
17	A5.01	ENLARGED PLANS AND INTERIOR ELEVATIONS
18	A8.01	WALL SECTIONS
19	A8.02	DETAILS

SYMBOL'S LEGEND/SCHEDULES

ELECTRICAL LEGEND AND DETAILS

FOR INFORMATION ONLY

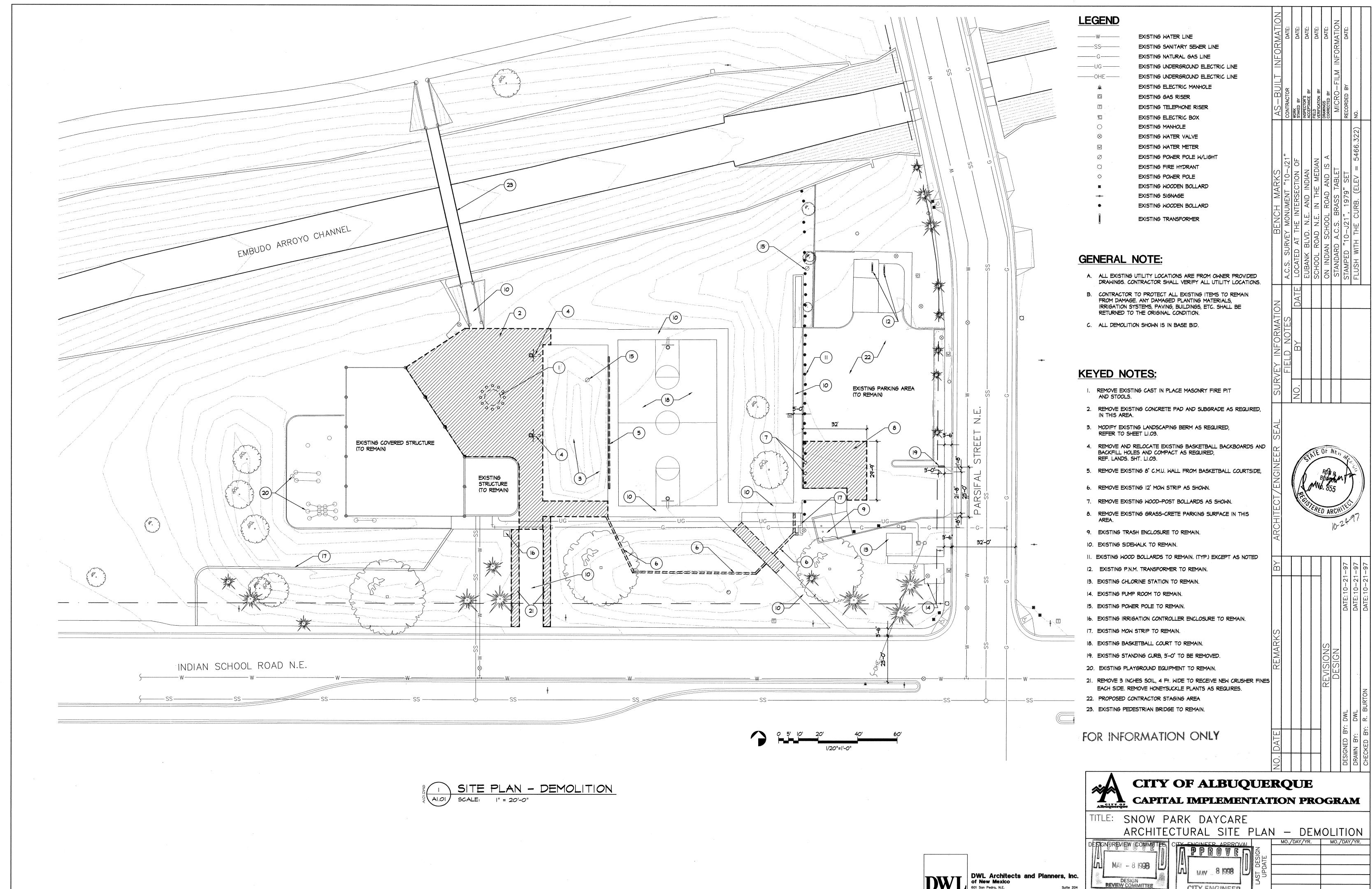
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CITY OF ALBUQUERQUE **CAPITAL IMPLEMENTATION PROGRAM** TITLE: SNOW PARK DAYCARE

INDEX SHEET MO./DAY/YR. MO./DAY/YR. CITY ENGINEER

CITY PROJECT NO. 5476.90

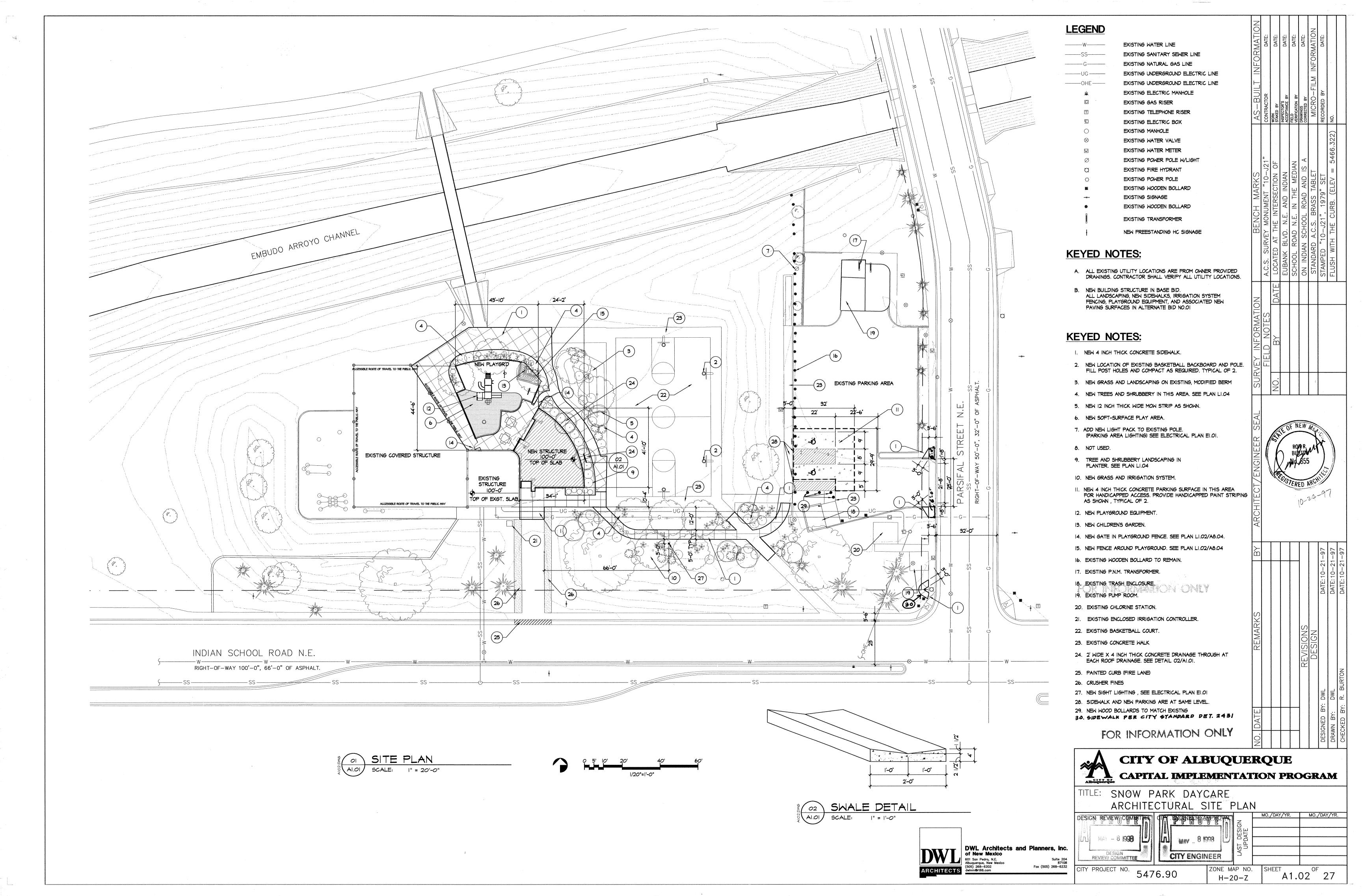
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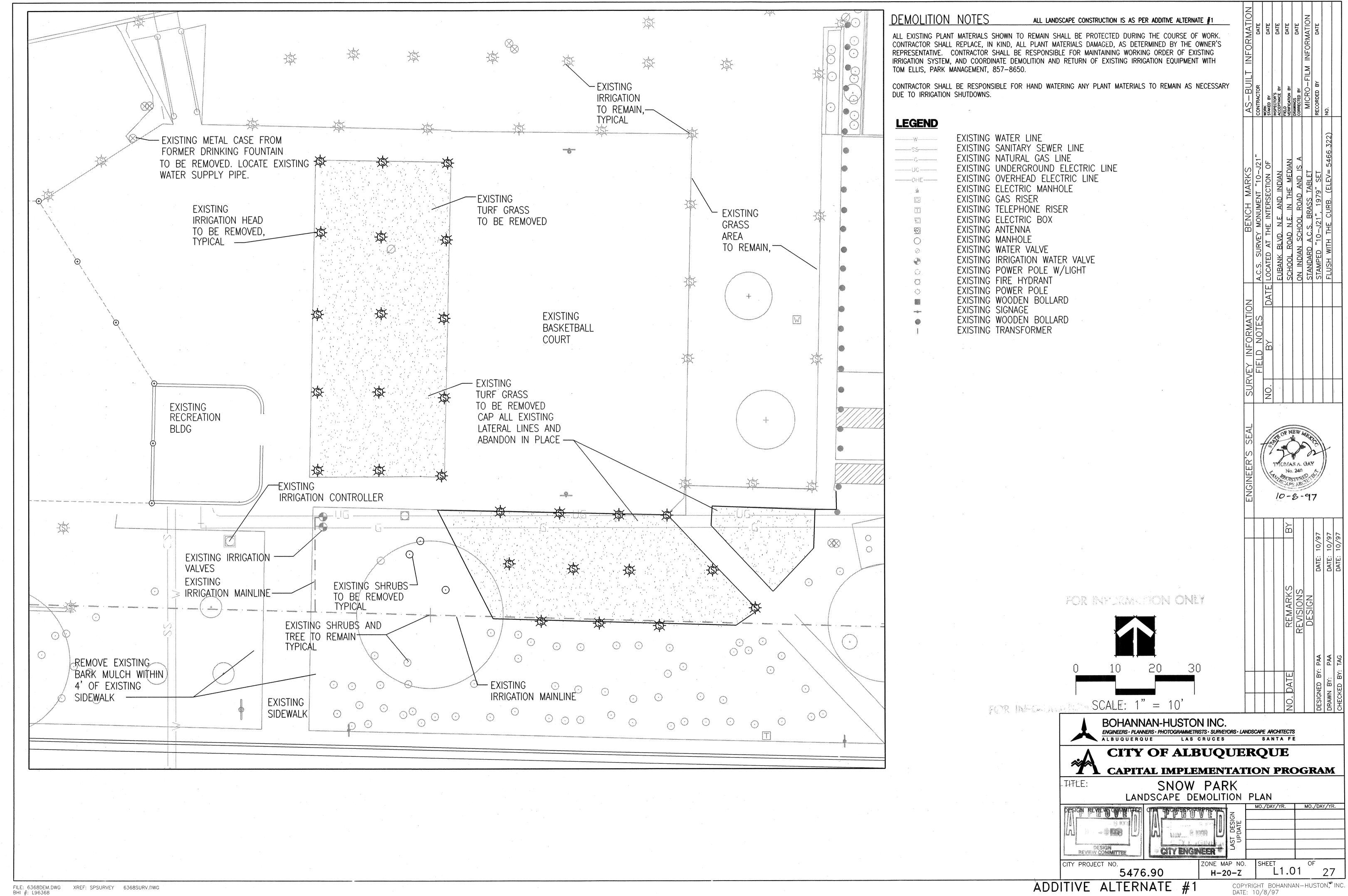


REVIEW COMMITTEE CITY ENGINEER

SITY PROJECT NO. 5476.90

TONE MAP NO. SHEET A1.01 27

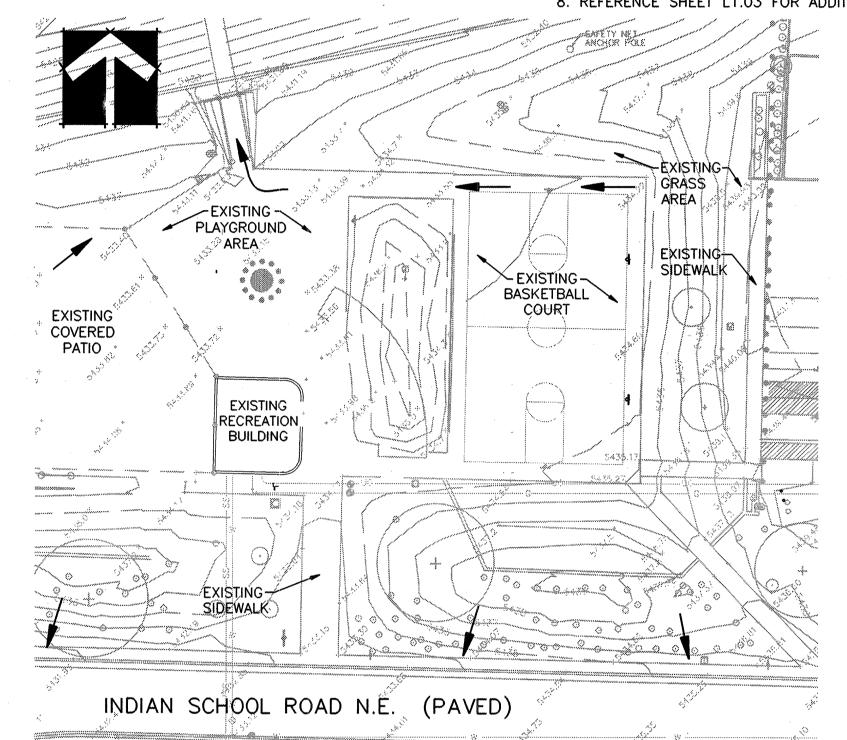






## **GRADING NOTES**

- 1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- 2. CONTRACTOR SHALL OBTAIN AND ABIDE BY A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT
- 3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND
- 4. TWO WORKING DAYS PRIOR TO EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1264) FOR LOCATION OF EXISTING UTILITIES.
- 5. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN
- 6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
- 7. SEE LANDSCAPE DETAILS AND NOTES SHEET FOR ADDITIONAL GRADING NOTES.
- 8. REFERENCE SHEET L1.03 FOR ADDITIONAL SITE INFORMATION.



LEGEND DRAINAGE FLOW ARROW EXISTING WATER LINE **EXISTING SANITARY SEWER LINE** EXISTING NATURAL GAS LINE EXISTING UNDERGROUND ELECTRIC LINE EXISTING UNDERGROUND ELECTRIC LINE EXISTING ELECTRIC MANHOLE EXISTING GAS RISER EXISTING TELEPHONE RISER EXISTING ELECTRIC BOX **EXISTING ANTENNA** EXISTING MANHOLE EXISTING WATER VALVE EXISTING WATER METER EXISTING POWER POLE W/LIGHT EXISTING FIRE HYDRANT EXISTING POWER POLE EXISTING WOODEN BOLLARD EXISTING SIGNAGE EXISTING WOODEN BOLLARD EXISTING GROUND ELEVATION PROPOSED GROUND/SPOT ELEVATION

# PROPOSED BUILDING

1/2" TO TOP

OF MULCH

FF=34.2

# PROPOSED SIDEWALK

NOT TO SCALE

# DRAINAGE CERTIFICATION

SODDED/LANDSCAPED

SODDED

MATCH EXISTING

-NEW GRADED BERM

EXISTING -

BASKETBALL

CONCRETE SPLASH PAD/FLUME

SEE ARCHITECTURAL DRAWINGS

CONCRETE DRAIN CHANNEL -

ALIGN ON EDGE OF SIDEWALK

-MATCH EXISTING -

PAVEMENT ELEVATION

SIDEWALK ELEVATION

PIPE OUTLET=31.1
SEE DETAIL C THIS PAGE.

PROPOSED

BUILDING

-INSTALL 12" DEPTH MASONRY SAND

SUB-SURFACE -

DRAIN PIPE - 6"

EXISTING

RECREATION

BUILDING

FF=5434.05

MATCH EXISTING -

SIDEWALK ELEVATION

EXISTING

"SIDEWALK

#4 STEEL • 18° O.C.

INDIAN SCHOOL ROAD N.E.

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS SNOW PARK, ALBUQUERQUE, NM WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC., PROFESSIONAL LAND SURVEYOR

I. JAMES R. TOPMILLER, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

4. ALL GRADED AREAS WHICH DO NOT RECEIVE A FINAL

ACCORDANCE WITH THE LANDSCAPE SPECIFICATIONS

AND WITH THE RECLAMATION SEEDING SPECIFICATIONS.

SURFACE TREATMENT WILL BE REVEGITATED IN

# PROPOSED CONDITIONS MAP

EXISTING-

PARKING

/MATCH EXISTING

CONCRETE

SIDEWALK

SIDEWALK ELEVATION

PAVEMENT ELEVATION

LEGAL DESCRIPTION ROUGH GRADING (+/-0.5):

DATE

GRASS

EXISTING-

SIDEWALK

ROUGH GRADING APPROVAL

Bohannan ▲ Huston Courtyard One 7500 JEFFERSON NE Albuquerque **NEW MEXICO 87109** ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

# FOR INFERRMATION CHALL

# CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

SNOW PARK SITE GRADING AND DRAINAGE PLAN

MO./DAY/YR. MO./DAY/YR. CITY PROJEČT NO. ZONE MAP NO. SHEET 5476.90

# EXISTING CONDITIONS MAP

# DRAINAGE MANAGEMENT PLAN

I. INTRODUCTION AND PURPOSE SNOW PARK IS AN EXISTING, FULLY-DEVELOPED CITY OF ALBUQUERQUE PARK SITE LOCATED IN THE NORTHWEST CORNER OF PARSIFAL STREET AND INDIAN SCHOOL BOULEVARD. THE FULL PARK SITE CONSISTS PRIMARILY OF GRASS FIELDS WITH A SMALL PLAYGROUND AND OTHER MINOR

STRUCTURES AREAS LOCATED ADJACENT TO THE PARSIFAL/INDIAN SCHOOL BOULEVARD INTERSECTION. THE IMPROVEMENTS OF THIS REPORT CONSIST OF THE CONSTRUCTION OF ADA ACCESSIBLE SIDEWALKS, RENOVATION OF THE EXISTING PLAYGROUND AREA, AND OTHER MINOR STRUCTURES AS SHOWN ON THE ENCLOSED PLAN. THIS PLAN IS PRESENTED TO OBTAIN APPROVAL FOR DRC PLANS CURRENTLY UNDER REVIEW AND GRADING PERMIT APPROVAL

## II. EXISTING CONDITIONS

THE CURRENTLY DEVELOPED PARKS SITE AND PLAYGROUND AREA IS A MIXTURE OF PERVIOUS AND IMPERVIOUS AREA. EXISTING STORM WATER RUNOFF FROM THE AREA DRAINS NORTHERLY IN A GENERALLY DEFINED DRAINAGE PATH DIRECTLY TO THE CONCRETE-LINED EMBUDO CHANNEL. THE SMALL EXISTING CONDITIONS INSET MAP SHOWN IDENTIFIES THE DRAINAGE DIRECTIONS CURRENTLY TAKEN BY STORM WATER RUNOFF THERE ARE NO EXISTING EVIDENCES OF SITE DRAINAGE PROBLEMS OR CONSTRAINTS. THE SITE, AT LEAST IN THE AREA OF THE PROPOSED IMPROVEMENTS OF THIS PLAN, IS NOT LOCATED WITHIN A FEMA FLOODPLAIN.

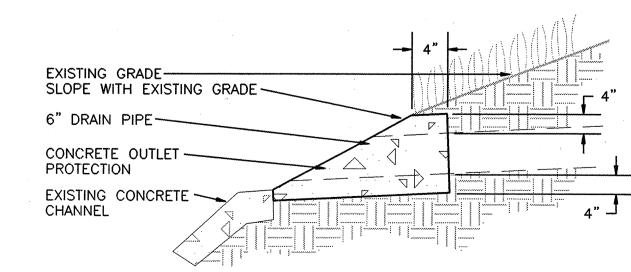
III. PROPOSED CONDITIONS THE PROJECT PROPOSES TO CONSTRUCT ADDITIONAL SIDEWALK, SMALL CHILDREN PLAYGROUND AREAS, AND A MINOR SHADE STRUCTURE. THESE IMPROVEMENT

IMPACT A VERY SMALL AREA AS IDENTIFIED ON THE PLANS SHOWN HEREON. THESE NEW IMPROVEMENTS PROVIDE LITTLE OR NO INCREASE IN IMPERVIOUS AREA FROM EXISTING CONDITIONS. ACCORDINGLY, NO INCREASE IN RUNOFF IS ANTICIPATED. DRAINAGE PATTERNS AND DIRECTION OF FLOW WILL CONTINUE ESSENTIALLY IN THE SAME MANNER AS WITH THE EXISTING CONDITIONS, IE:

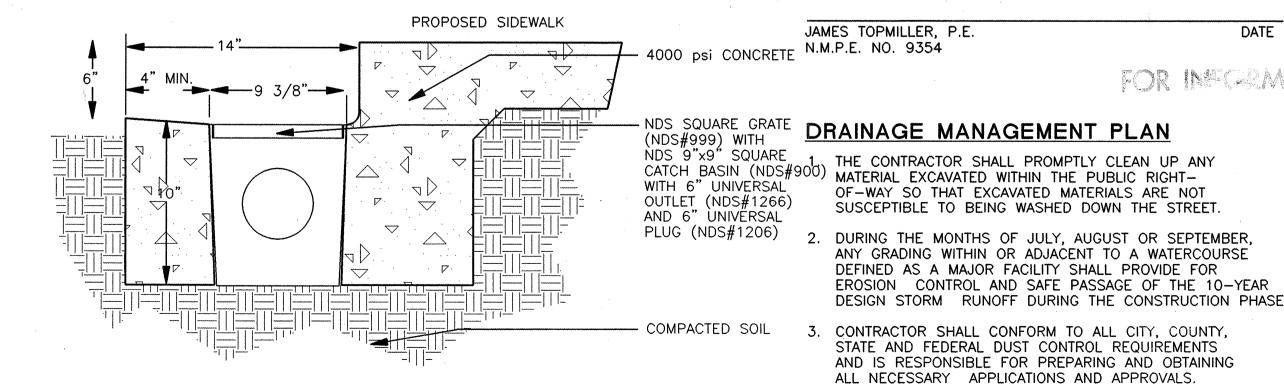
# DRAINAGE WILL FLOW DIRECTLY INTO THE EMBUDO CHANNEL. PLEASE REFERENCE THE PROPOSED CONDITIONS PLAN.

DUE TO THE VERY SIMILAR HYDROLOGICAL CONDITIONS (BETWEEN EXISTING AND PROPOSED SITE HYDROLOGY) AND VERY MINOR WORK PROPOSED UNDER THIS PLAN, NO CALCULATIONS OF FLOW RATES OR IMPERVIOUS AREAS ARE PROVIDED HEREIN. SIMILAR IMPERVIOUS AREAS AND DRAINAGE

PATHS AS THOSE UNDER EXISTING CONDITIONS WILL CONTINUE WITH THE PROPOSED IMPROVEMENTS. ACCORDINGLY, THIS PLAN SEEKS TO OBTAIN APPROVAL FOR DRC PLANS CURRENTLY UNDER REVIEW BY CITY OF ALBUQUERQUE STAFF AND GRADING PERMIT APPROVAL. THIS PLAN PRESENTS A WORKABLE AND SAFE PLAN FOR THE IMPROVEMENTS PROPOSED BY THE PARKS DEPARTMENT.



DETAIL C CONCRETE PROTECTION FOR DRAIN PIPE OUTLET



PROPOSED DRAINAGE

CHANNEL

EXISTING -

PEDESTRIAN

MATCH EXISTING

INSTALL EDGER WALL AT PLAY AREA

ACCESSIBLE SURFACING

PAVEMENT ELEVATION

INSTALL PLAY-

INSTALL ALTERNATE

ACCESSIBLE SURFACING

EQUIPMENT

**EXISTING** 

**COVERED** 

PATIO

SODDED/LANDSCAPED

SECTION A-A CONCRETE DRAINAGE CHANNEL

MATCH EXISTING -

INSTALL CONCRETE MOWSTRIP AT FENCE

**INSTALL** 

CONCRETE

SIDEWALK

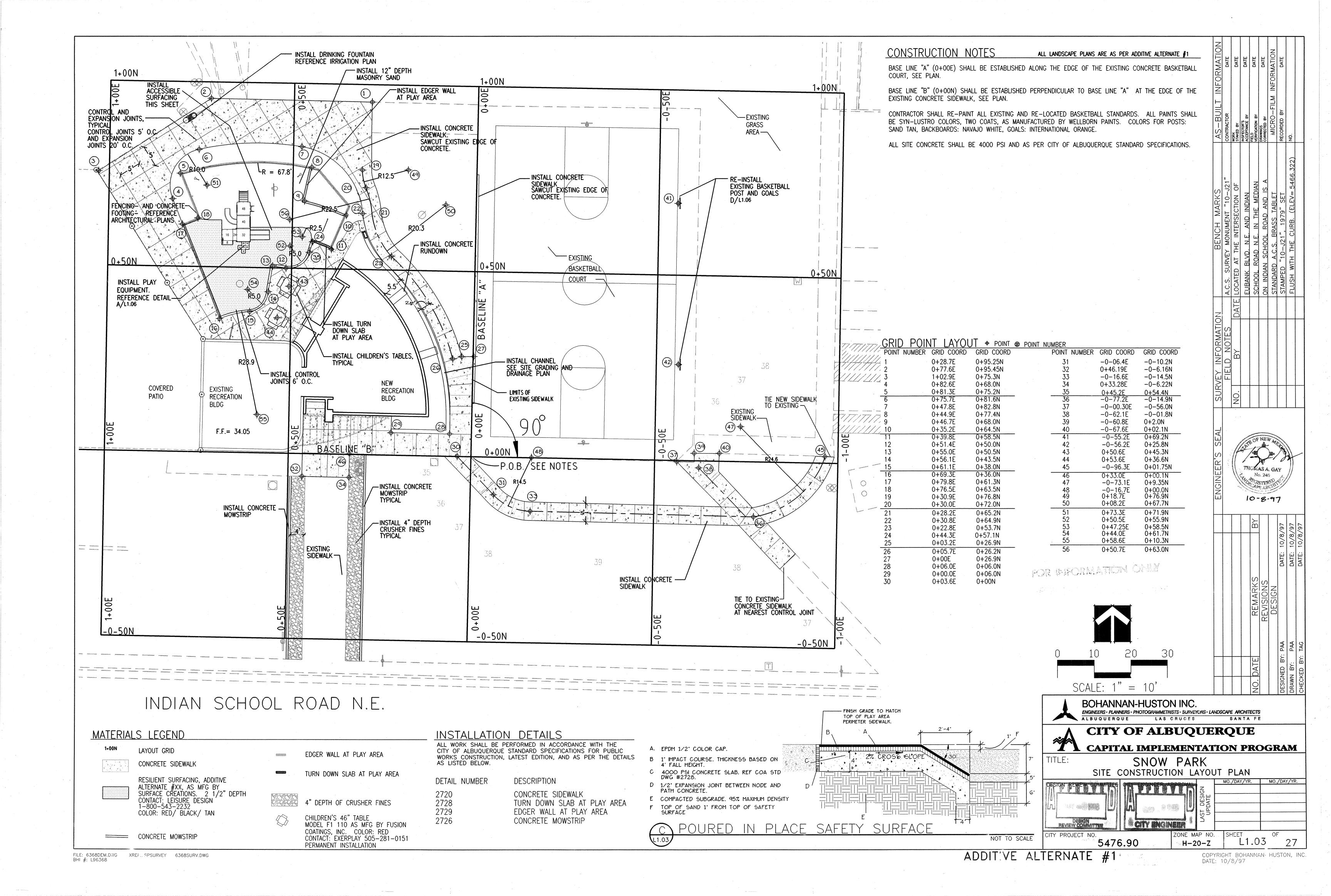
SIDEWALK ELEVATION

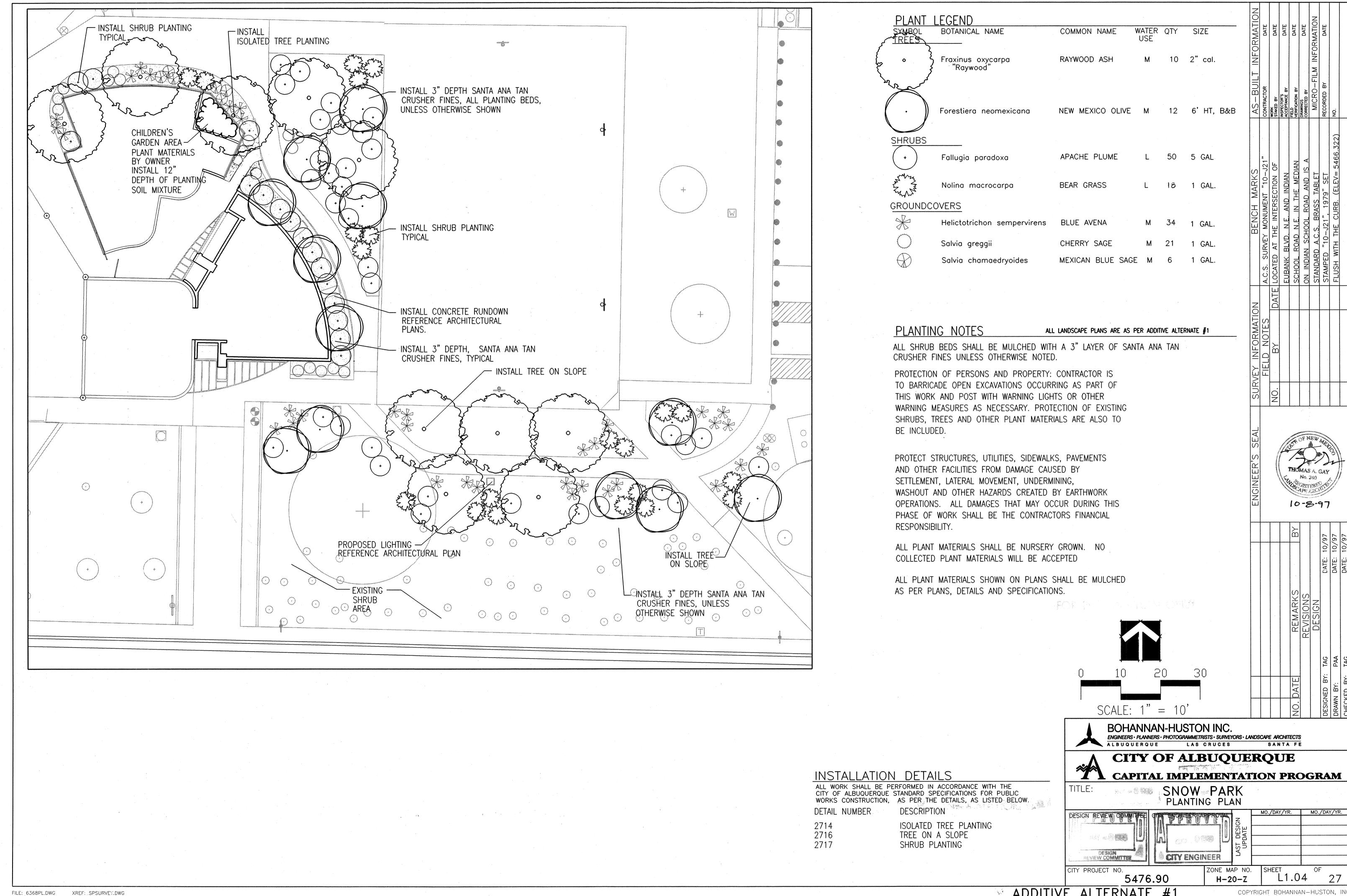
SECTION B-B CATCH BASIN DETAIL

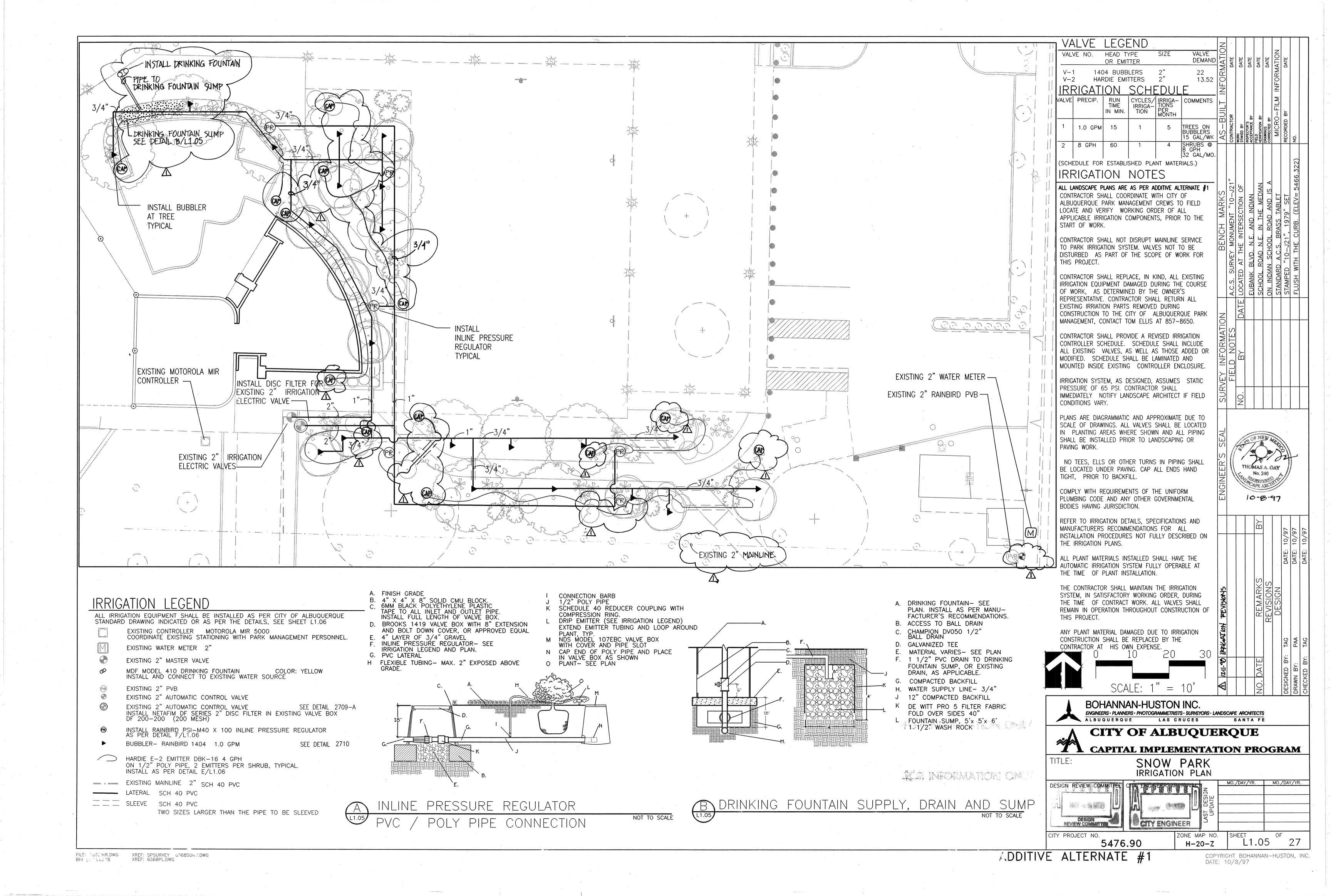
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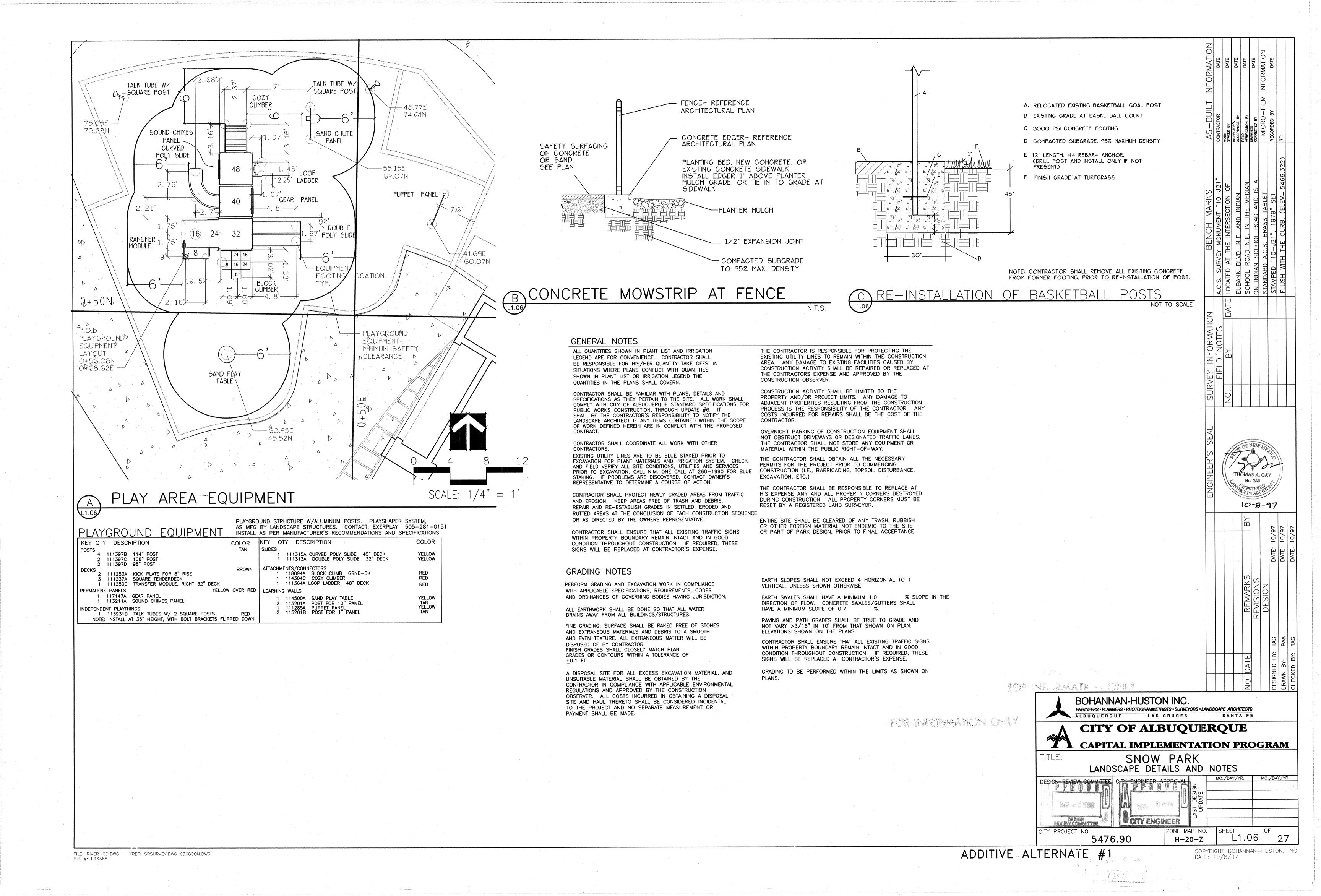
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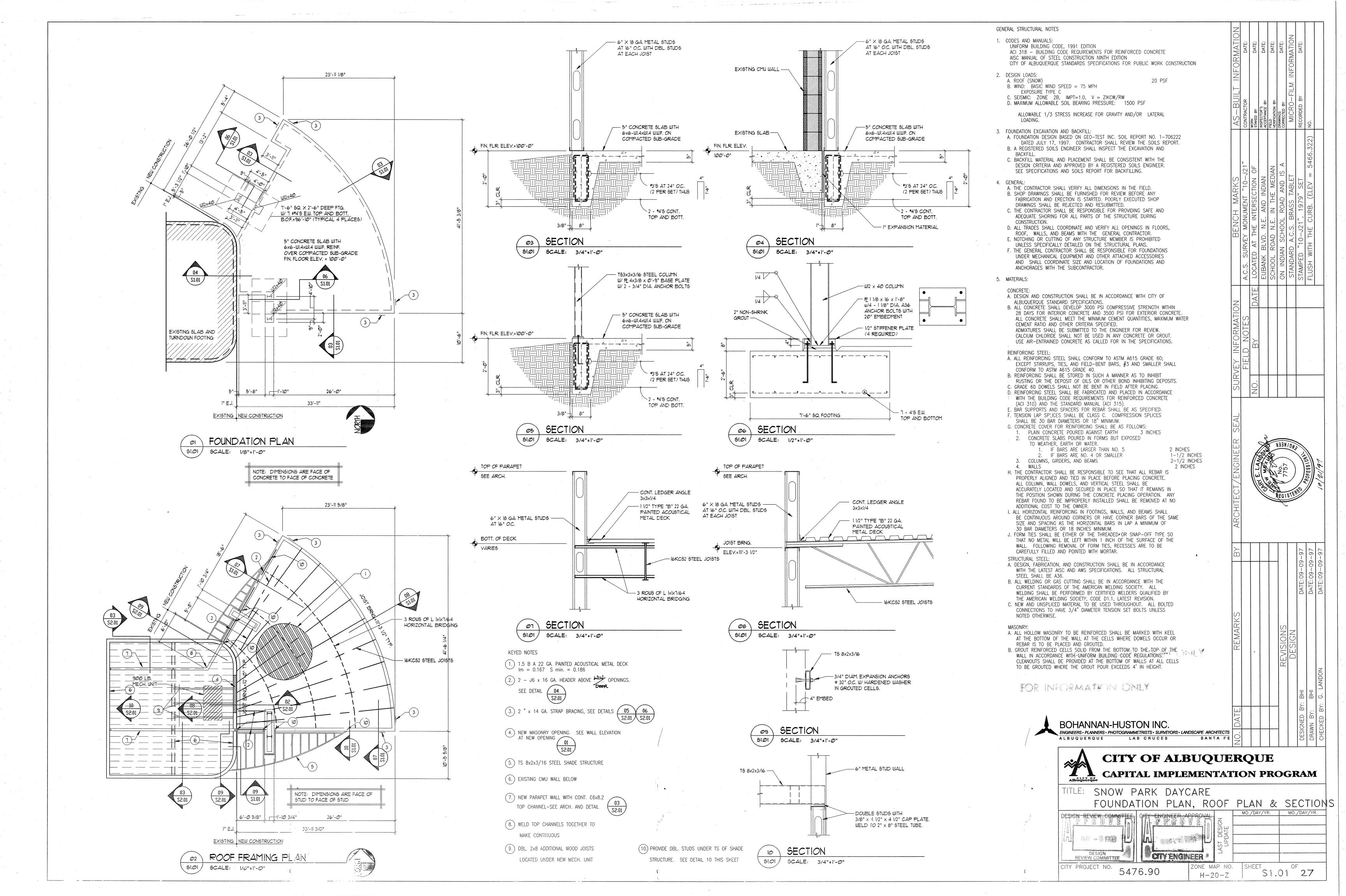
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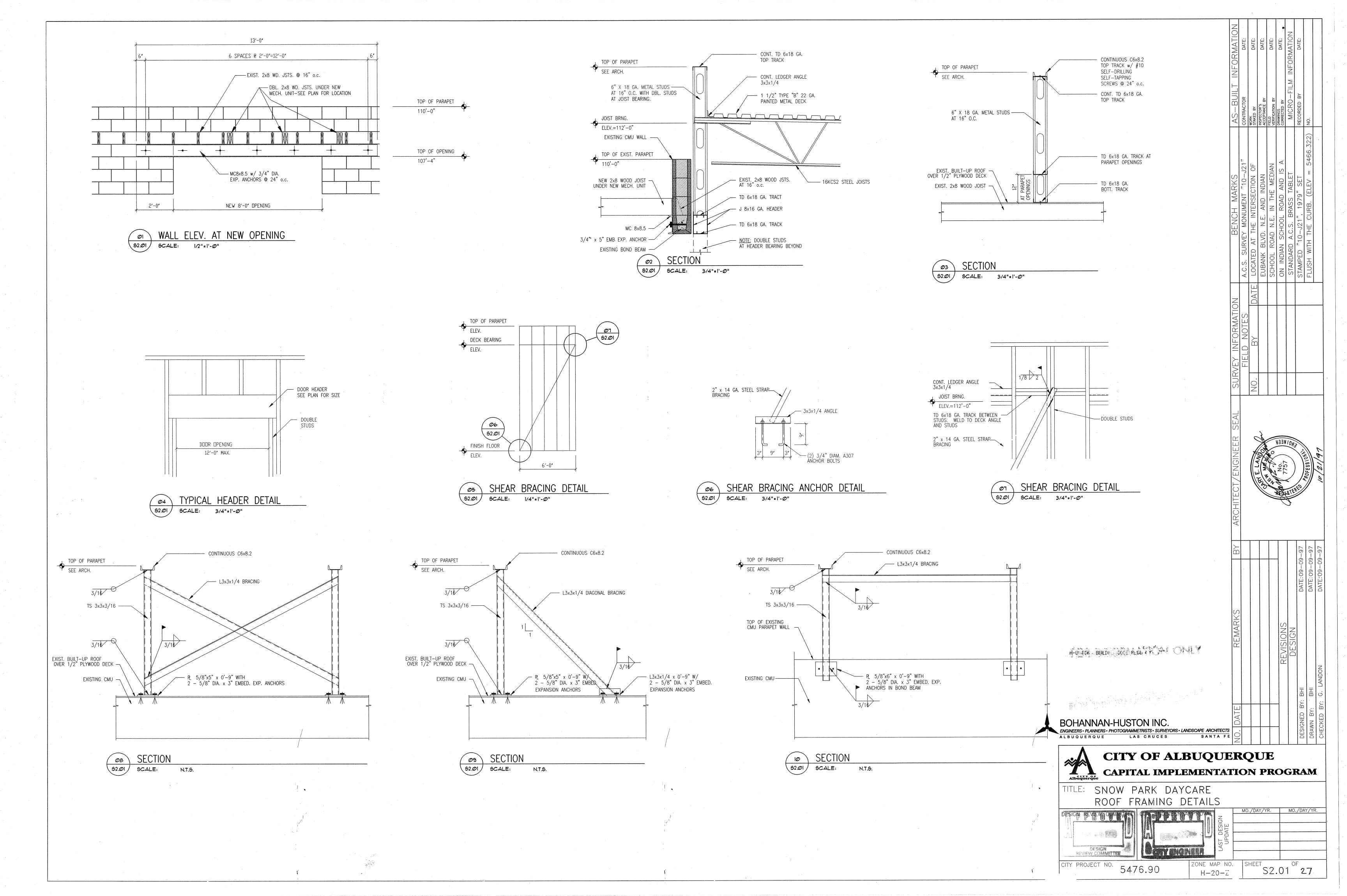


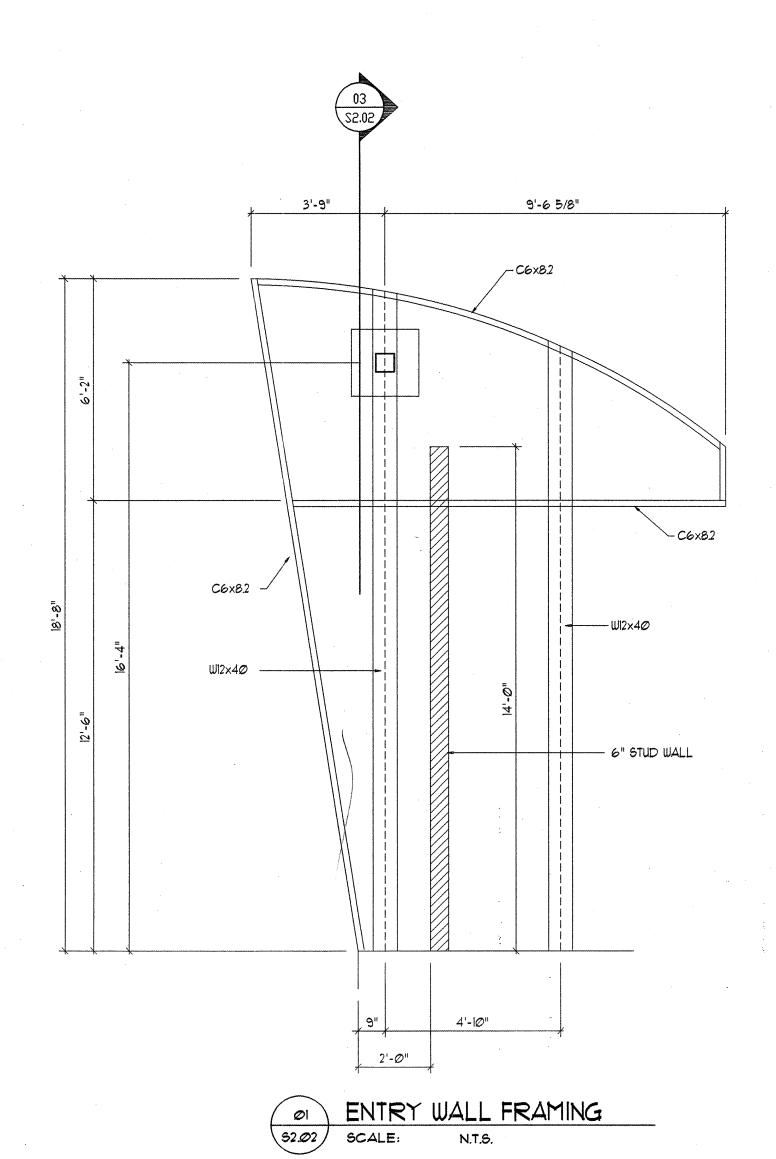


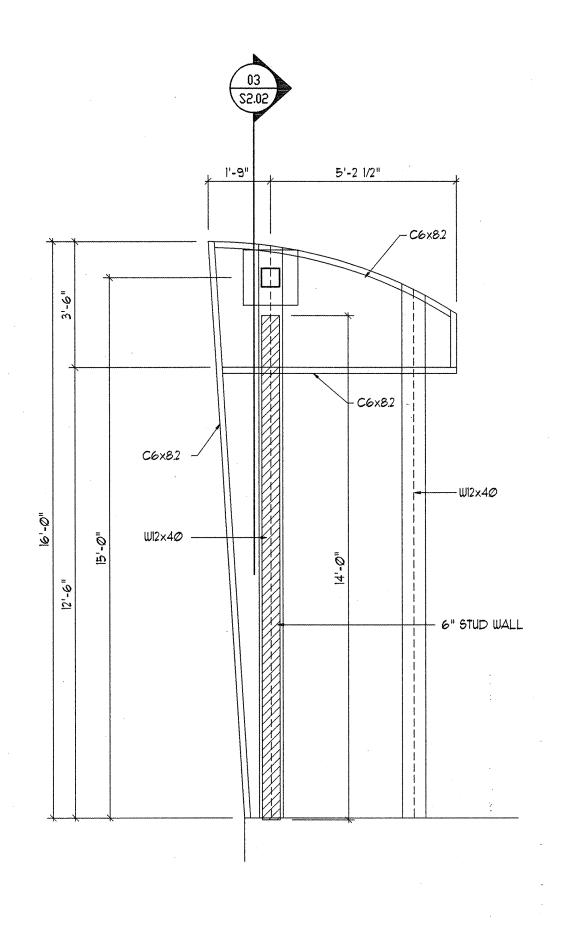


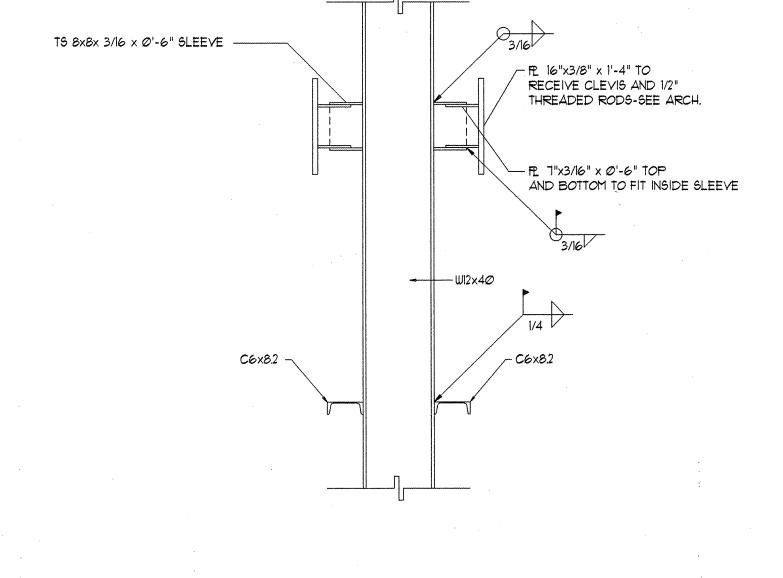








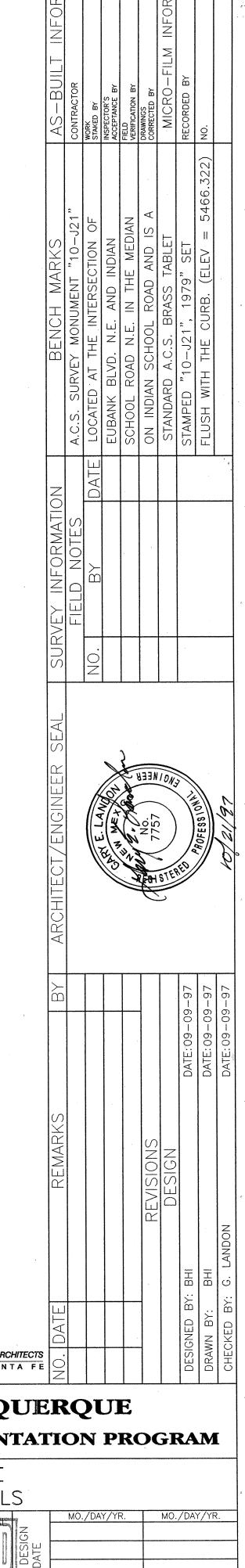




ENTRY WALL FRAMING

52.02 SCALE: N.T.S.

93 SECTION 92.02 SCALE: 3/4"=1'-0"



BOHANNAN-HUSTON INC.

ENGINEERS: PLAINIERS: PHOTOGRAMMETRISTS: SURVEYORS: LANDSCAPE ARCHITECTS
ALBUQUERQUE
LAS CRUCES
SANTA FE

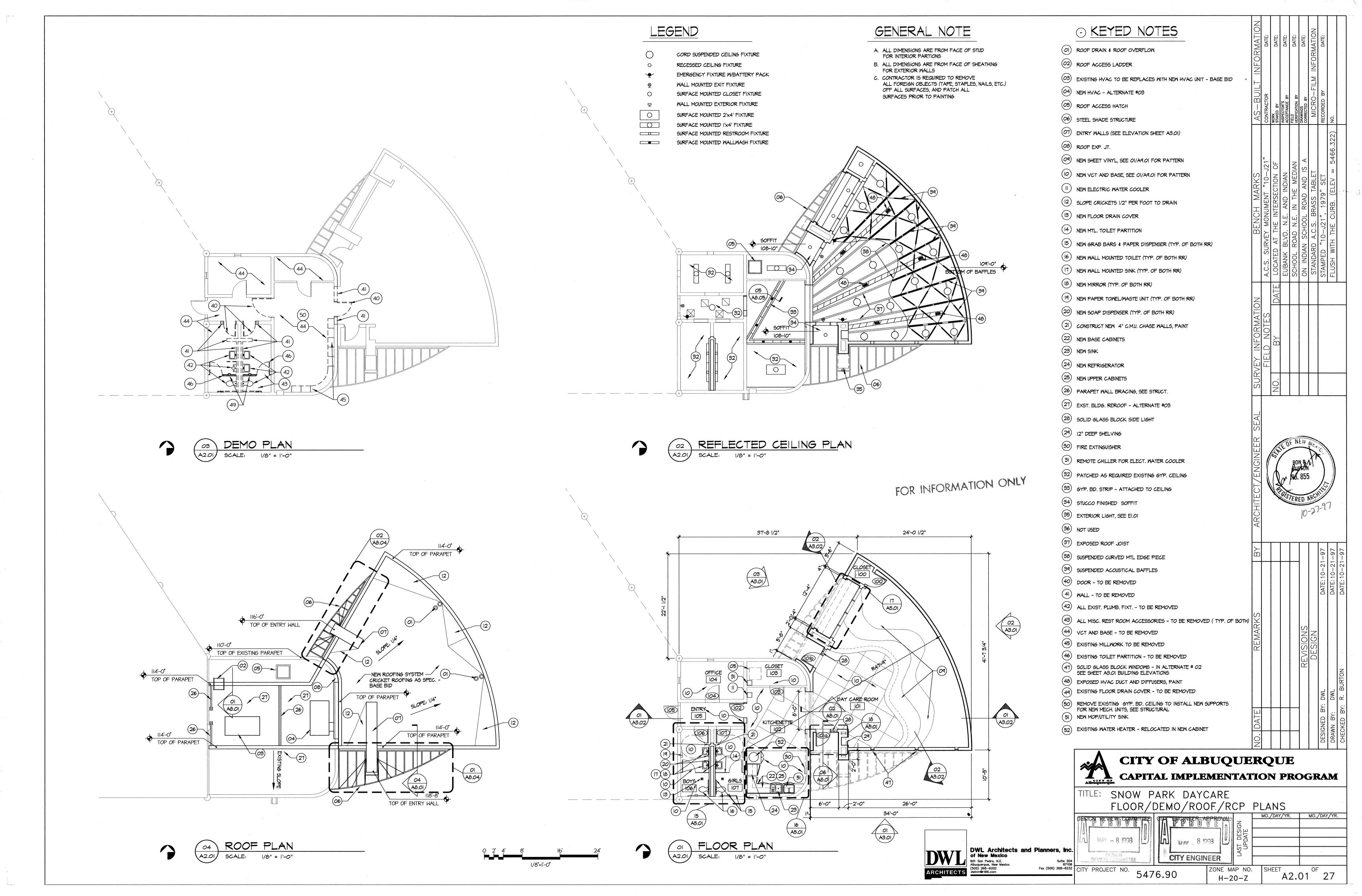
CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM

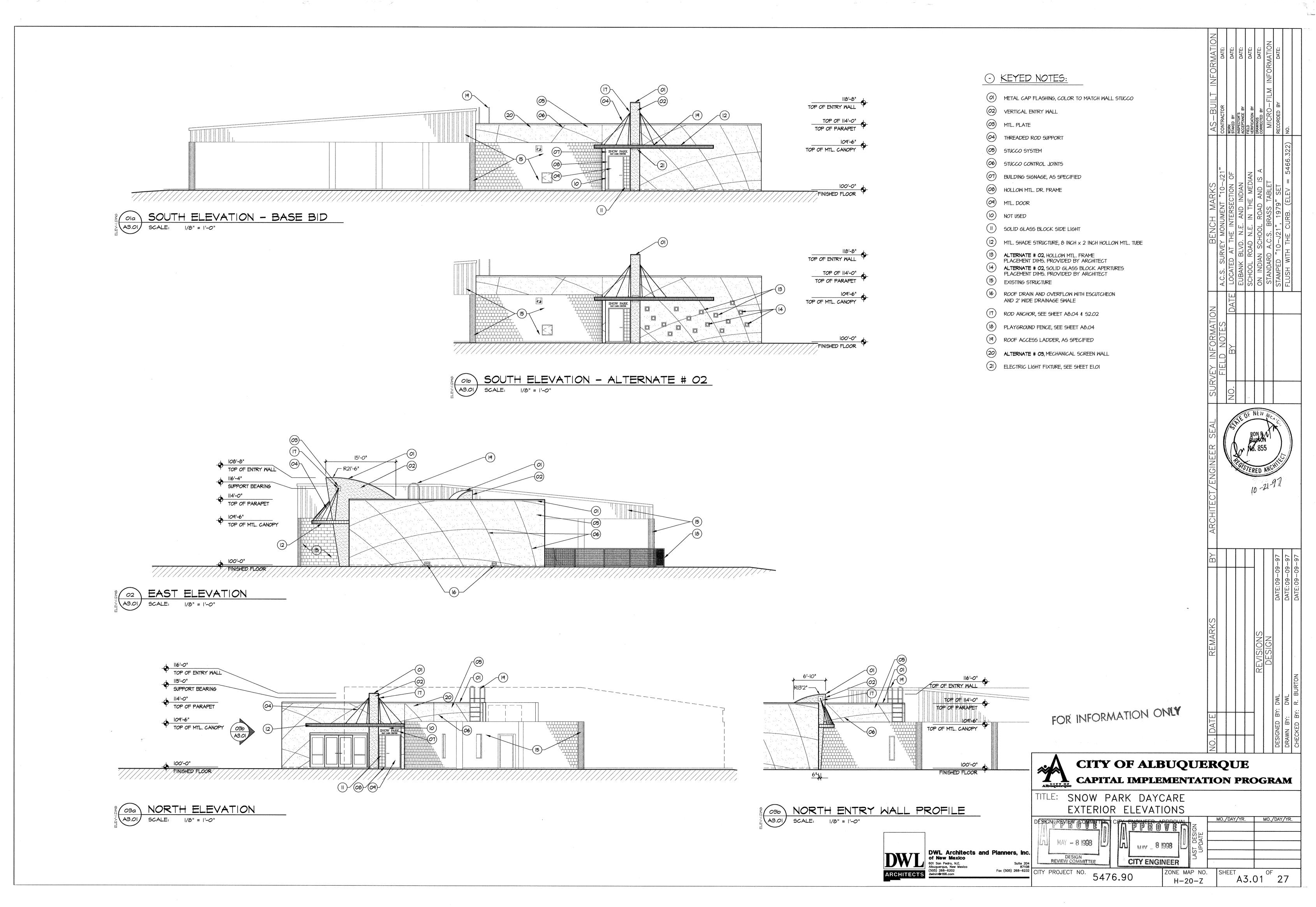
TITLE: SNOW PARK DAYCARE
ROOF FRAMING DETAILS

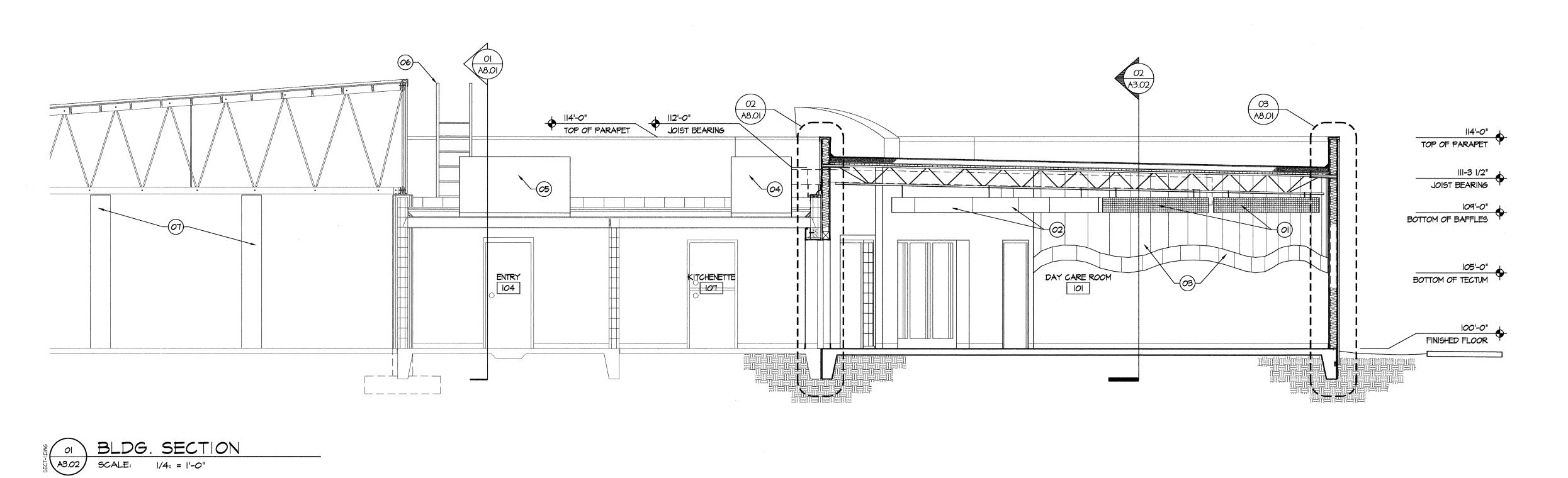
ROOF FRAMING DETAILS

DESIGN REVIEW COMMITTE CITY PROJECT NO. 5476.90

ZONE MAP NO. H-20-Z S2.02 27

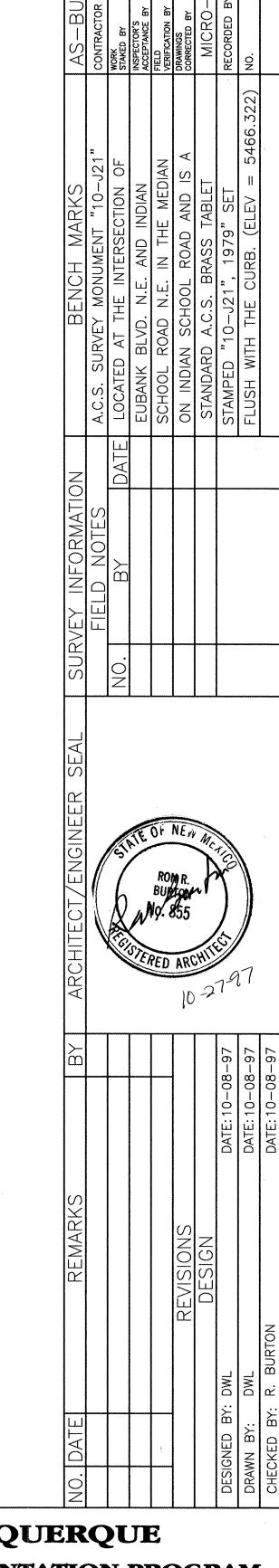






# KEYED NOTES:

- OI SUSPENDED ACOUSTICAL BAFFLES
- 92 SUSPENDED MTL. EDGE
- O3 ACOUSTICAL WALL BOARD
- 04) BASE BID HVAC UNIT
- 05 ALTERNATE # 03 HVAC UNIT
- 6 ROOF ACCESS LADDER, AS SPECIFIED
- OT) EXISTING STRUCTURE

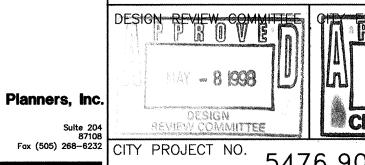


FOR INFORMATION ONLY



# CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

TITLE: SNOW PARK DAYCARE BUILDING SECTIONS



SECTION	IS			
	PROVAL V III	DESIGN DATE	MO./DAY/YR.	
CITY ENGIN		LAST UP		
5.90	ZONE MAF		SHEET A3.0	)

DWL Archite of New Mexico (60) San Pedro, N.E. Abuquerque, New Mexico (60) San Pedro, N.E. Abuquerque, New Mexico (60) San Pedro, N.E. Abuquerque, New Mexico (60) San Pedro, N.E. (60) San Pedro, N.E

SUPPORT BEARING

TOP OF PARAPET

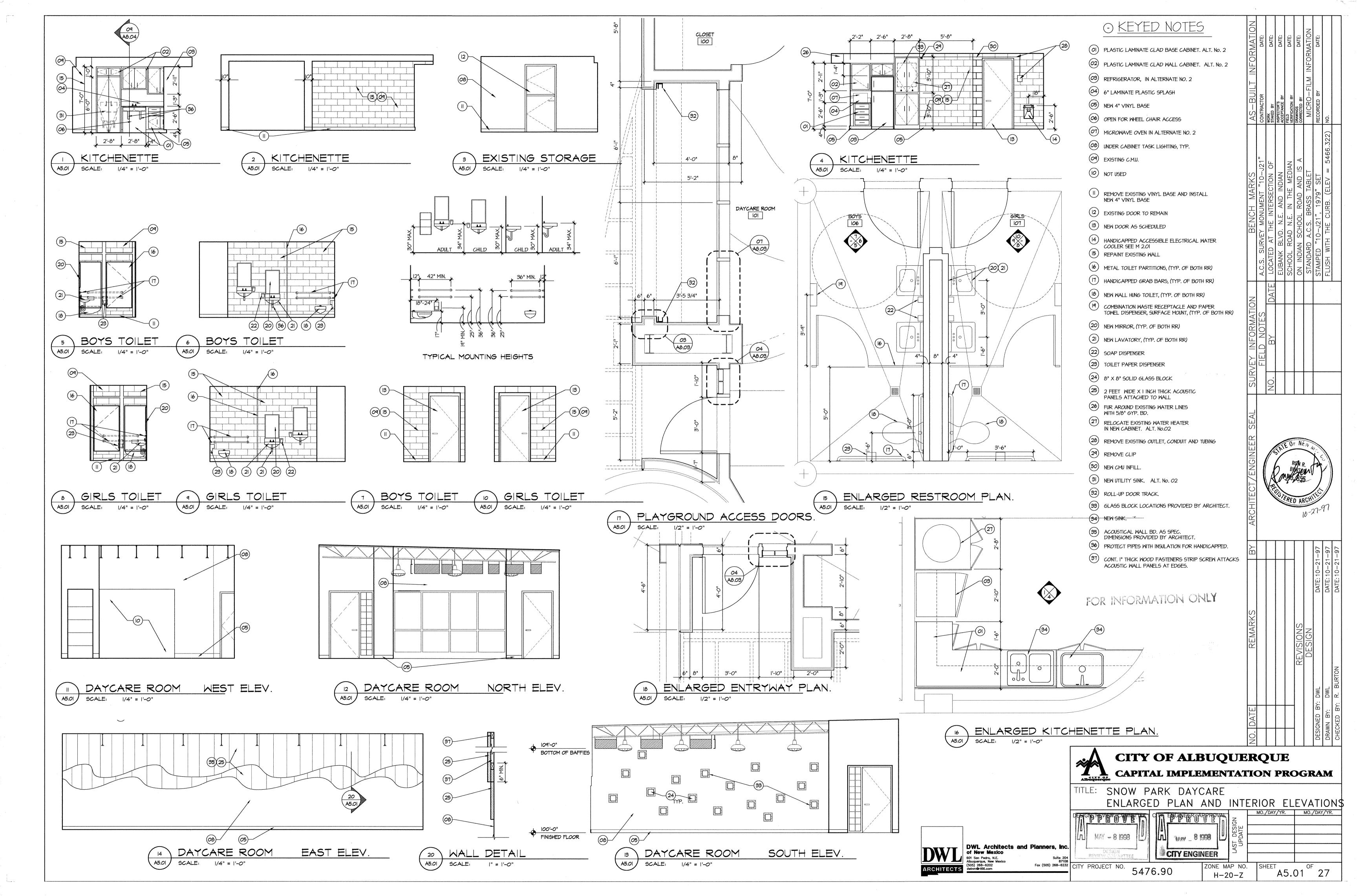
BOTTOM OF HEADER
107'-2"
TOP OF WINDOW FRAME

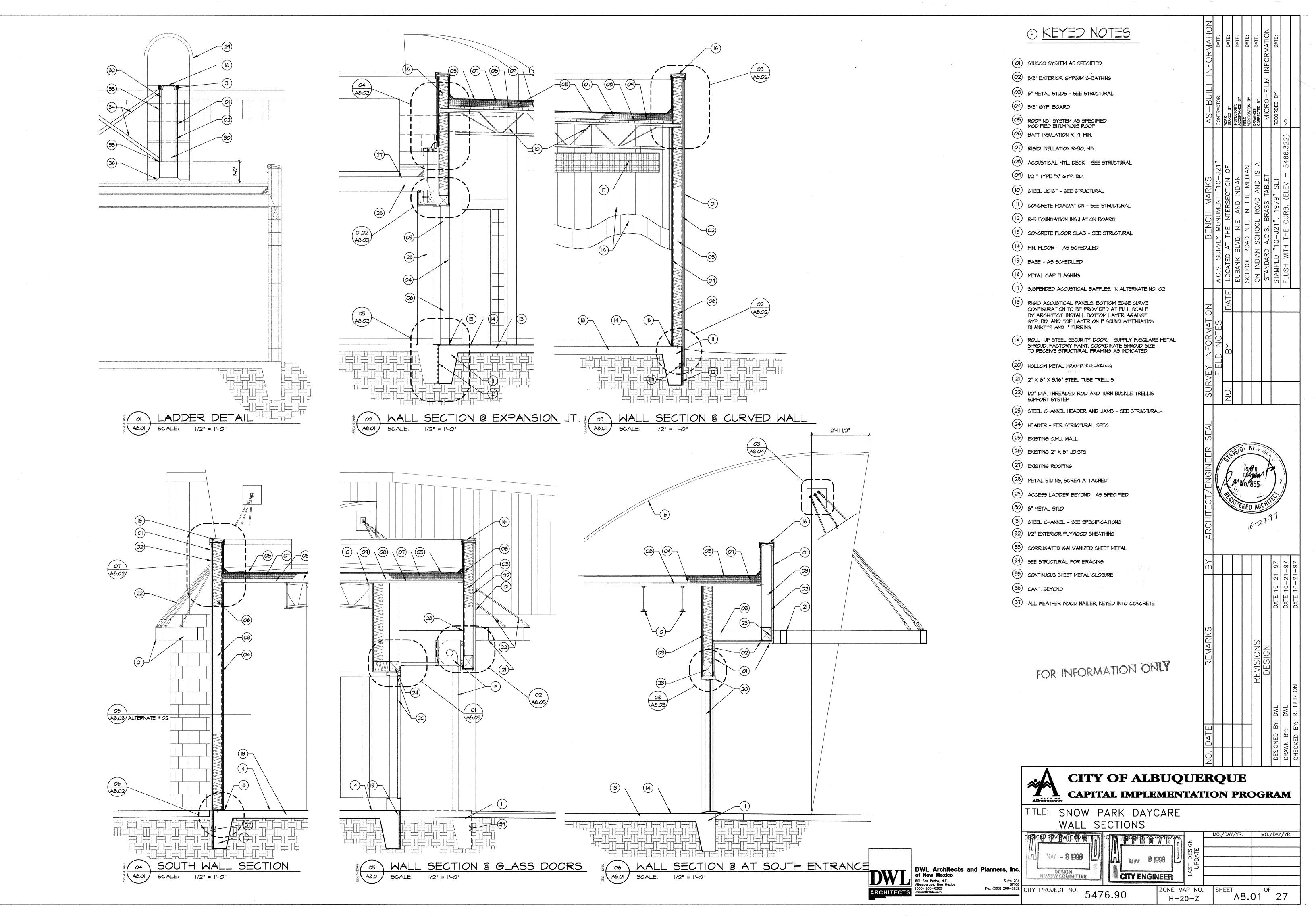
OUPPORT BEARING

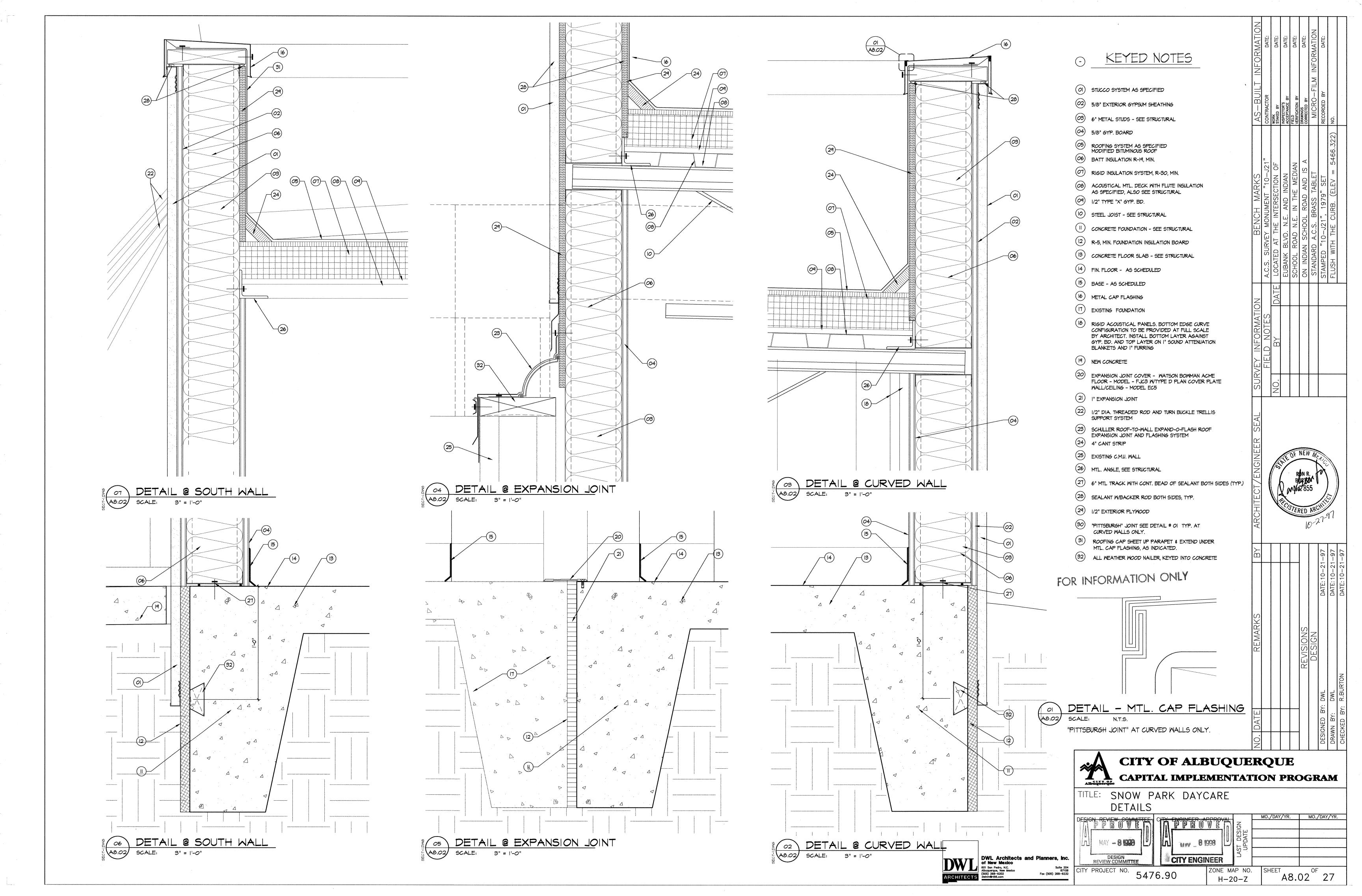
TOP OF PARAPET

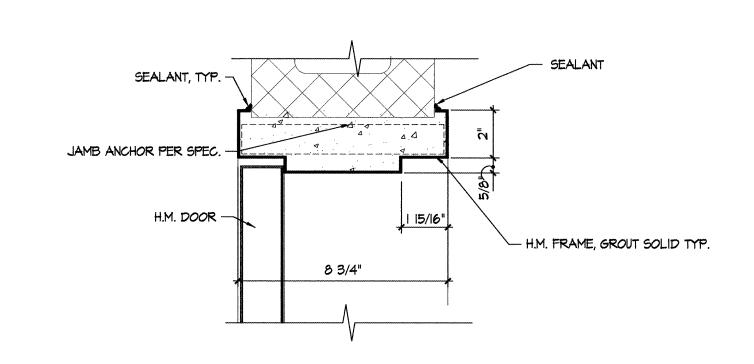
TOP OF MTL. CANOPY

FINISHED FLOOR

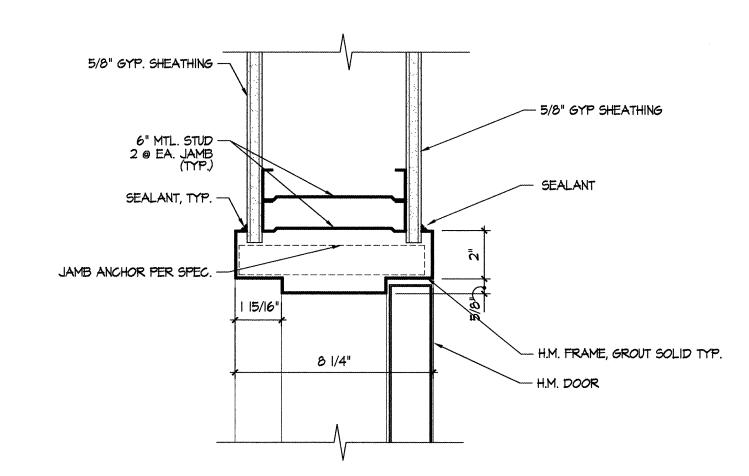




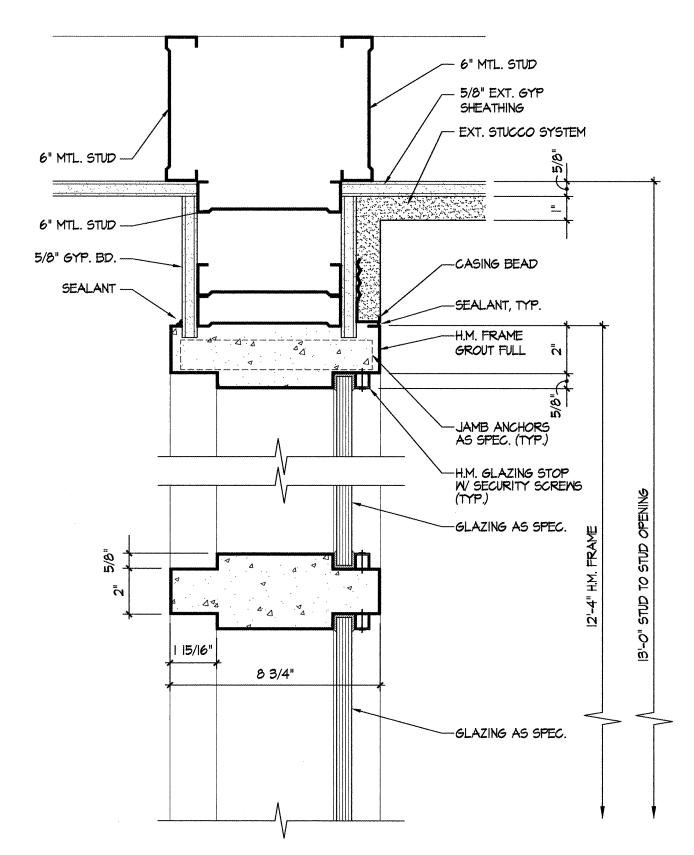




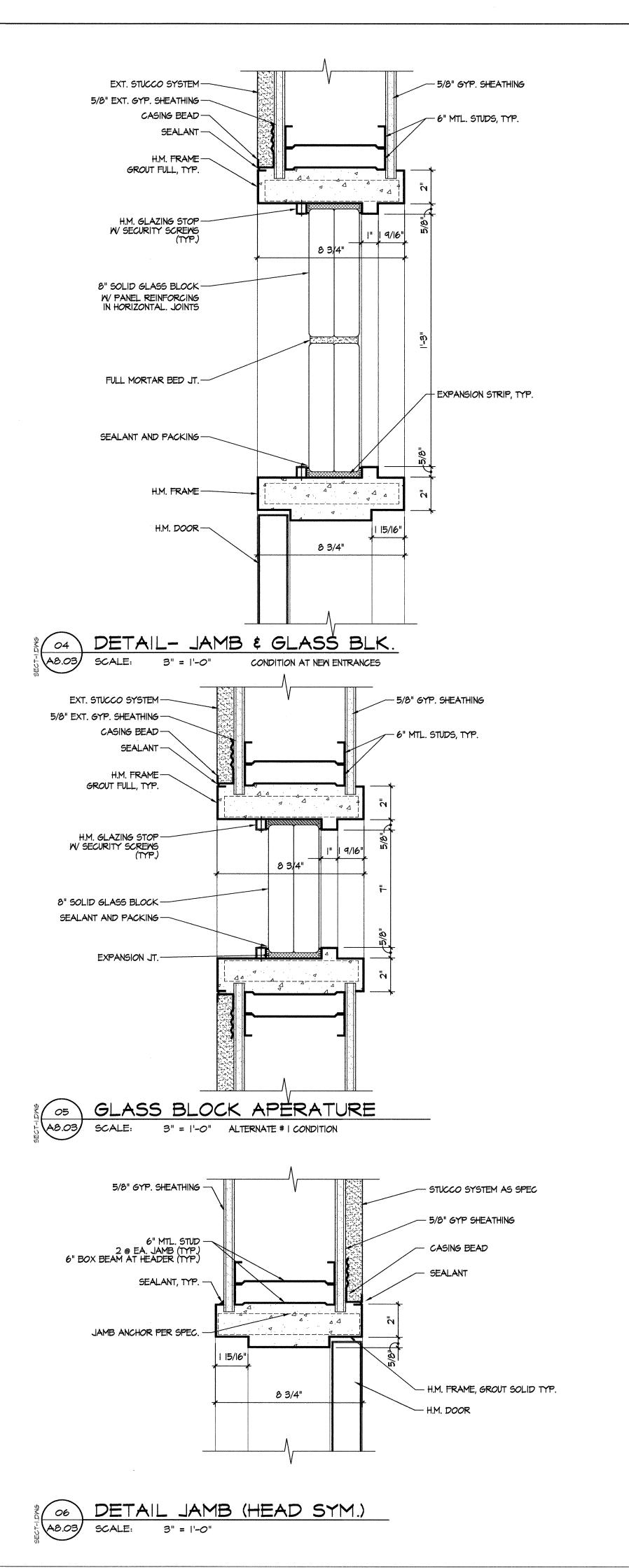
# INTERIOR DETAIL JAMB (HEAD SYM.)

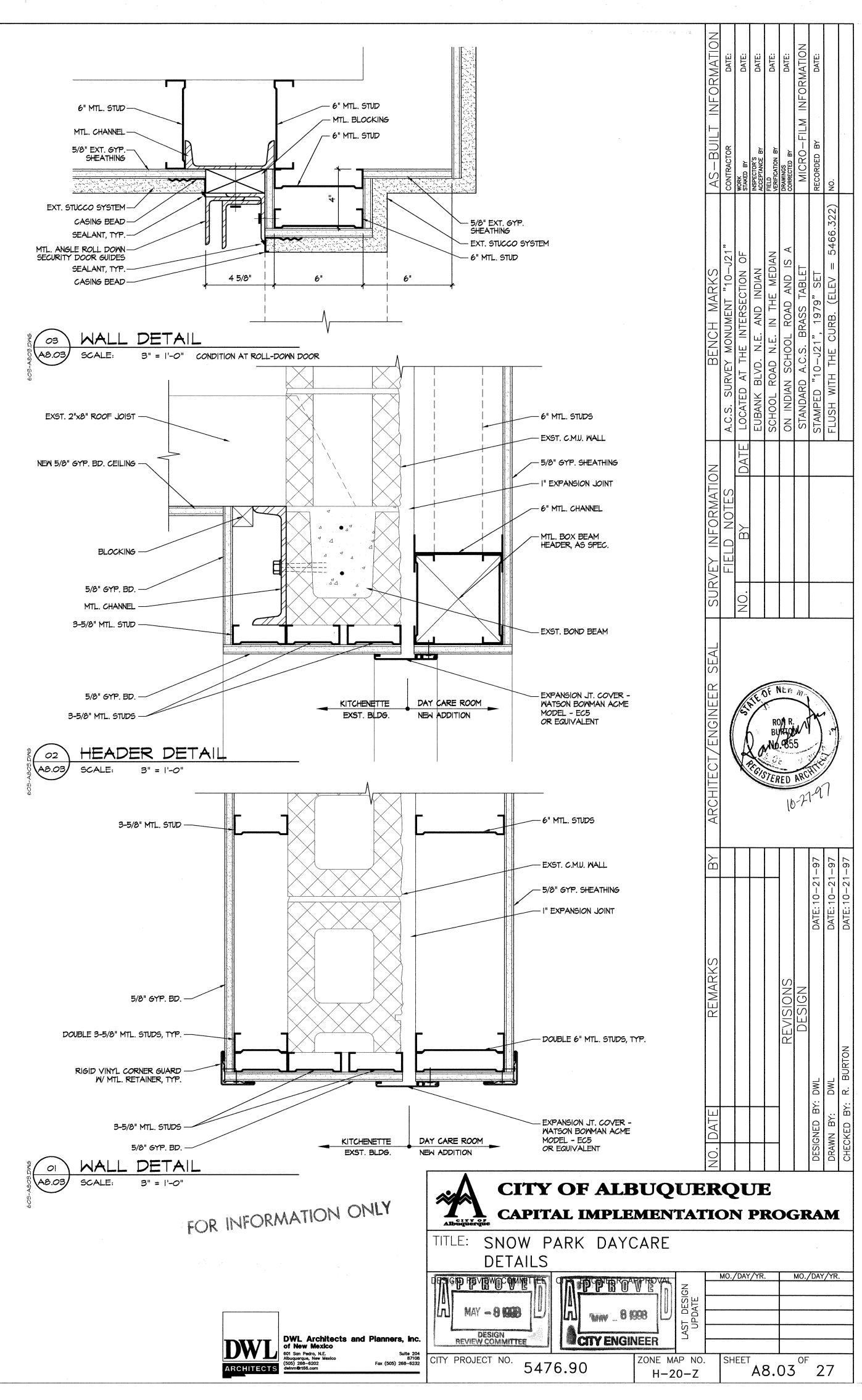


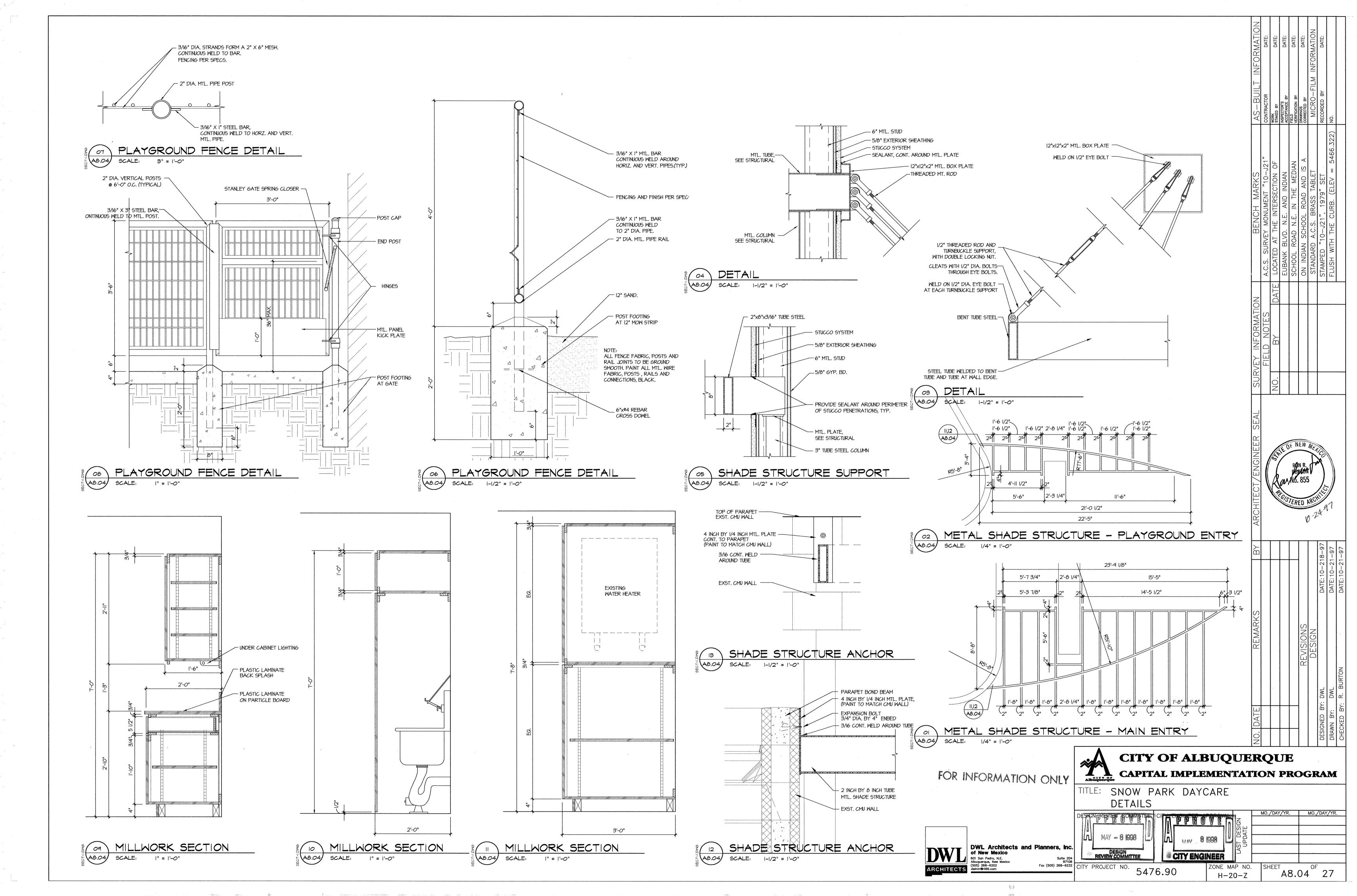
# OB INTERIOR DETAIL JAMB (HEAD SYM.) SCALE: 3" = 1'-0"

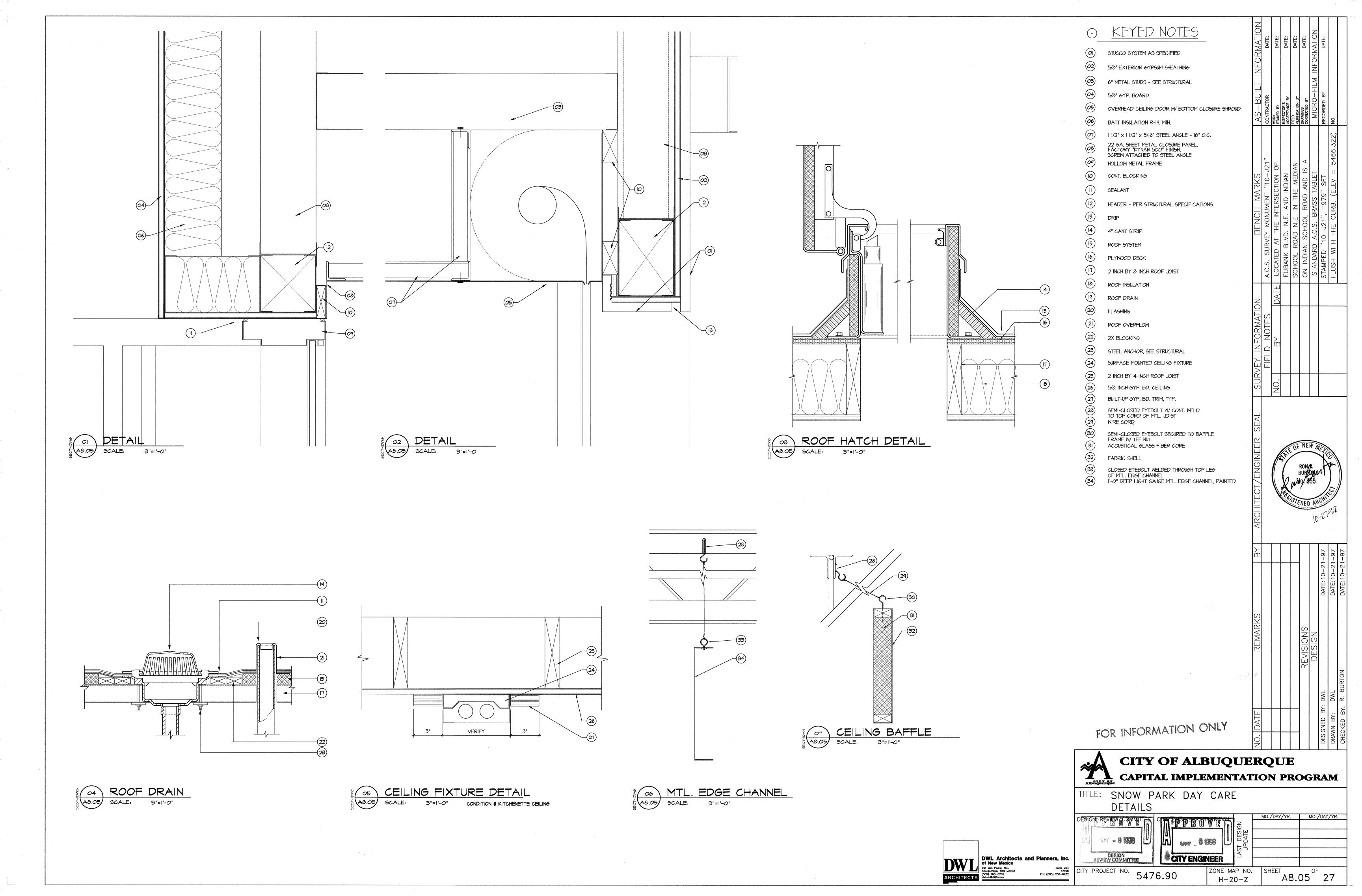


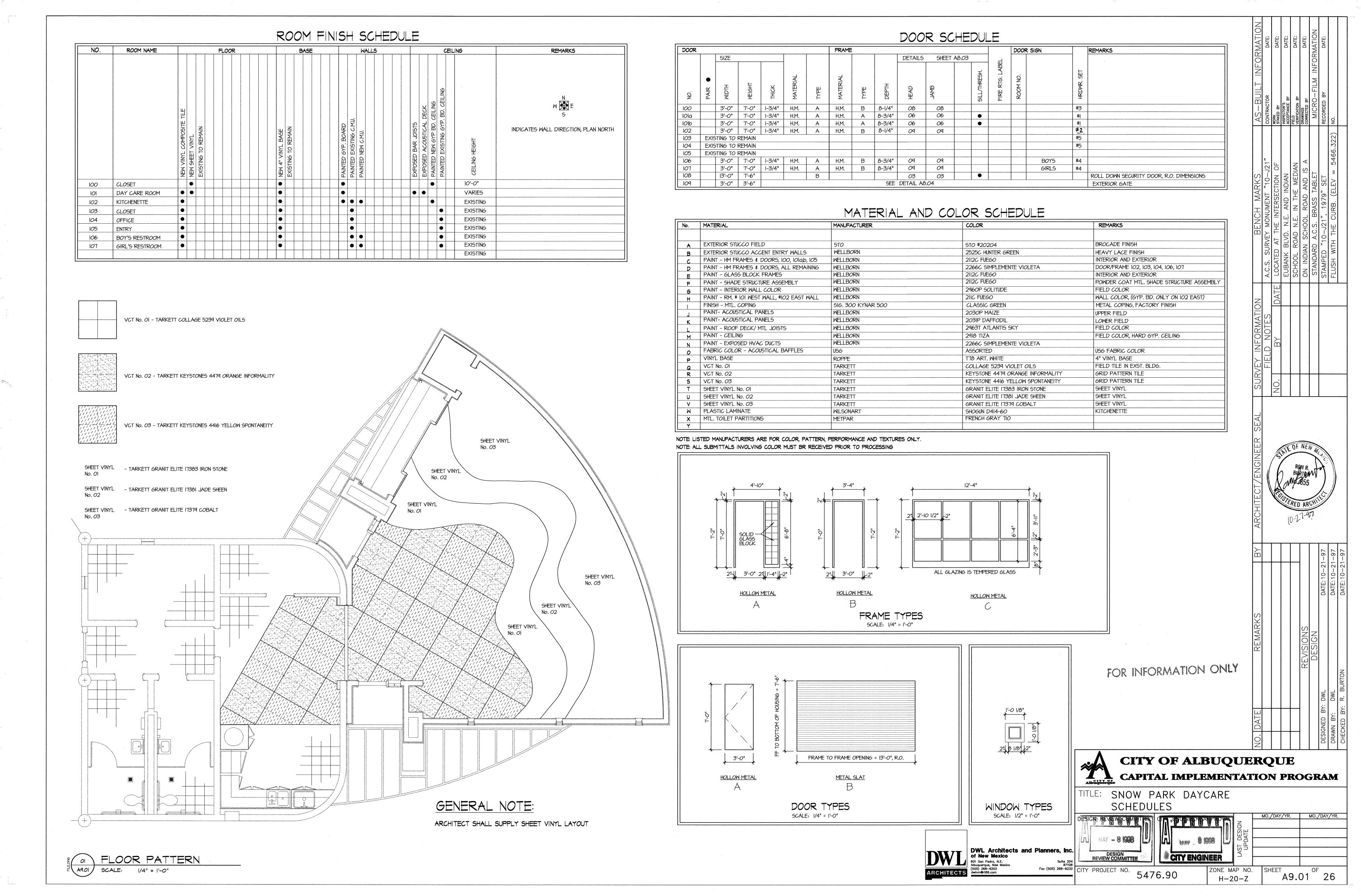


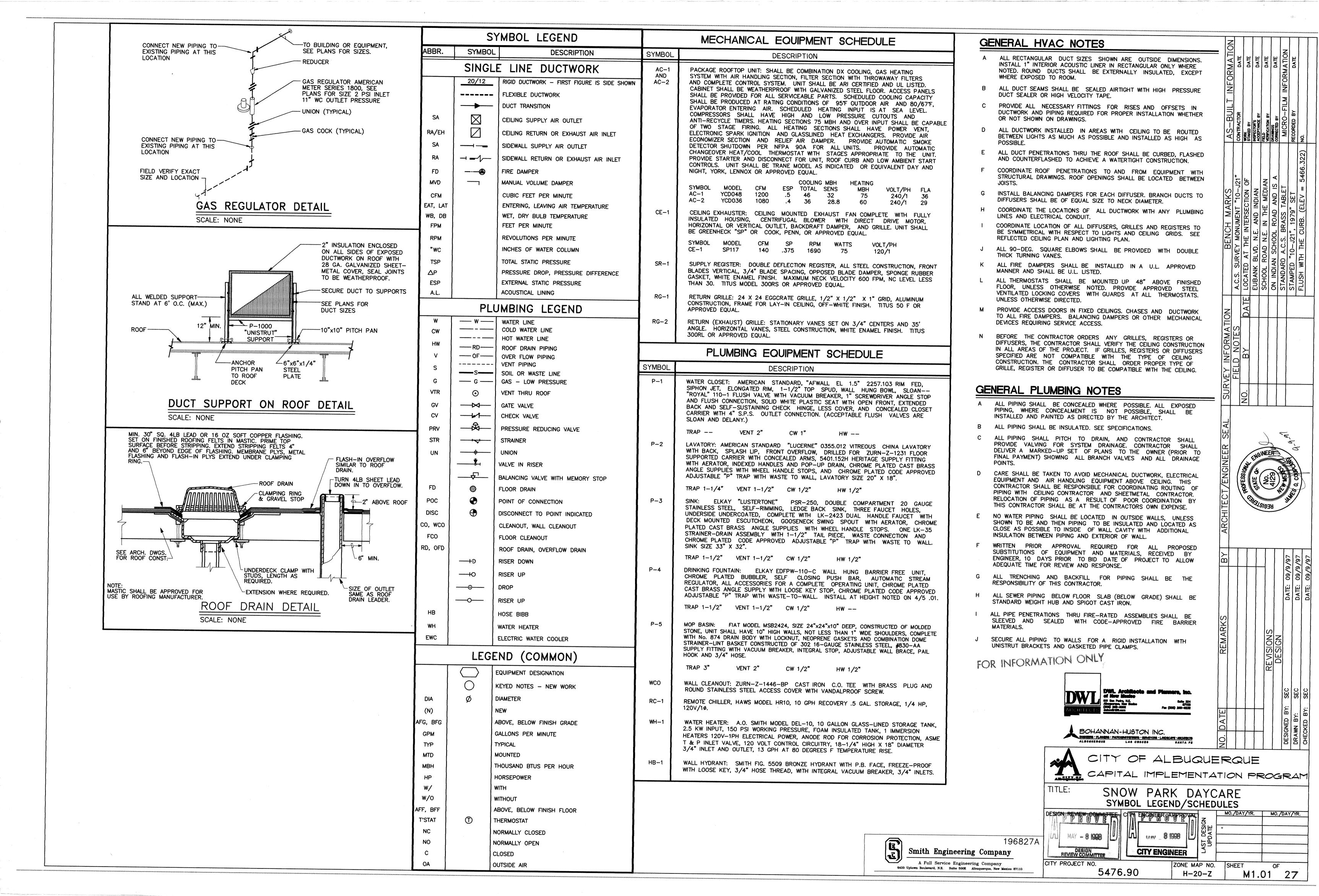


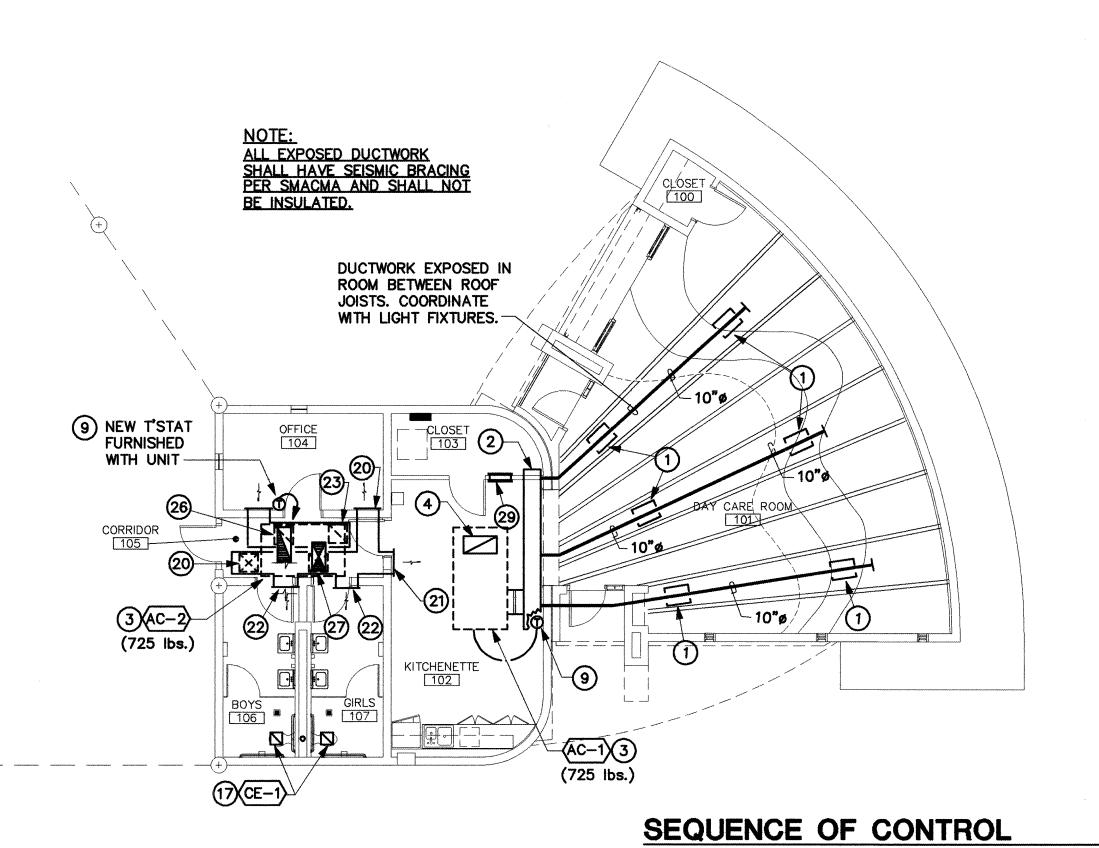




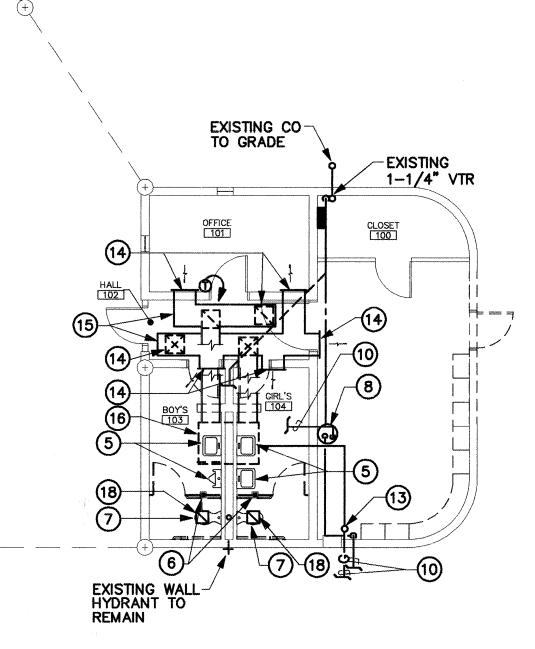








# HVAC FLOOR PLAN SCALE: 1/8" = 1'-0"



# MECHANICAL DEMOLITION PLAN SCALE: 1/8" = 1'-0"

# GENERAL DEMOLITION NOTES

PACKAGE ROOFTOP. GAS/DX UNIT:

AIR ECONOMIZER CYCLE:

RUNS, CLOSE WHEN FAN IS OFF.

THE UNIT SHALL BE CONTROLLED BY AN ELECTRIC ROOM

THERMOSTAT LOCATED AS SHOWN. THE THERMOSTAT SHALL BE

AUTOMATIC HEAT/COOL CHANGEOVER TYPE HAVING A QUANTITY OF STEPS MATCHING THE UNIT. THERMOSTAT SHALL HAVE A

SUBBASE WITH A SYSTEM ON/OFF SWITCH. IN 'OFF' POSITION UNIT SHALL NOT OPERATE. IN "ON" POSITION UNIT FAN

SHALL OPERATE CONTINUOUSLY AND HEATING OR COOLING

HEATING CYCLE SHALL OPERATE WHEN SPACE TEMPERATURE DROPS

BELOW 55°F OSA DAMPERS DO NOT OPERATE IN SETBACK MODE.

OUTDOOR AIR (OSA), RETURN AIR (RA) AND RELIEF) DAMPERS SHALL BE CONTROLLED FROM MIXED AIR TEMPERATURE AND

OUTSIDE AIR TEMPERATURE SENSOR/CONTROLLERS AS FOLLOWS: WHEN FAN IN "OFF", OSA AND RELIEF DAMPERS SHALL MODULATE

RETURN AIR TEMPERATURE IS BELOW OSA TEMPERATURE, OSA AND

RELIEF DAMPERS SHALL CLOSE AND RA DAMPER SHALL OPEN. A

TO MAINTAIN SETPOINT (55F) MIXED AIR TEMPERATURE IF OSA TEMPERATURE IS BELOW RETURN AIR TEMPERATURE. WHEN

MINIMUM OSA DAMPER, TWO POSITION, SHALL OPEN WHEN FAN

1. ALL CONTROLS SHALL BE ELECTRIC/ELECTRONIC CONTROLS.

CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL ALL

CONDUITS, WRING, CONTACTORS, STARTERS, SWITCHES,

CONTROL VALVES, THERMOSTATS, CONTROL PANELS, ETC.

CONTROLS CONTRACTOR SHALL BE TOTALLY RESPONSIBLE TO MEET THE SEQUENCES OF CONTROL AND ALL RELATED

4. CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL ALL

5. ALL CONTROL WRING SHALL BE RUN IN CONDUIT. CONDUIT SIZE SHALL BE 1/2 ".

CONTROLS CONTRACTOR SHALL BE TOTALLY RESPONSIBLE IN MEETING SPECIFICATION SECTIONS 15900 AND 15902.

GENERAL CONTROLS AND INSTRUMENTATION NOTES:

CONTROLS CALLED OUT ON THE PLANS.

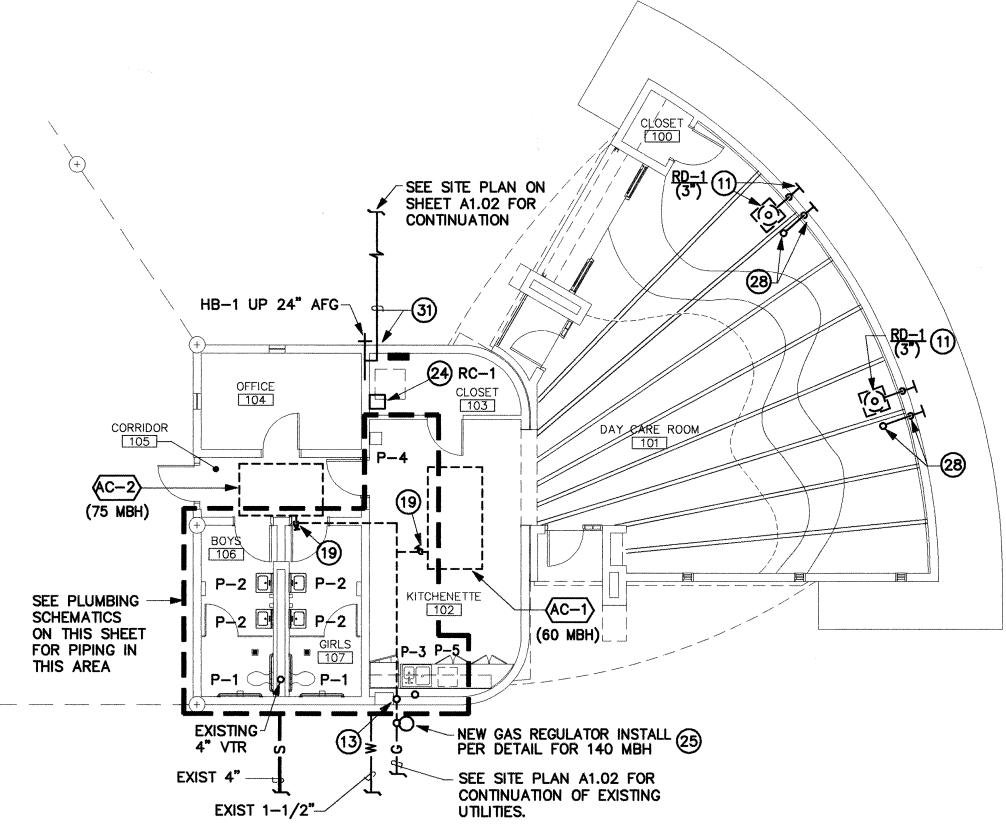
CONTROL WIRING (HIGH AND LOW VOLTAGE).

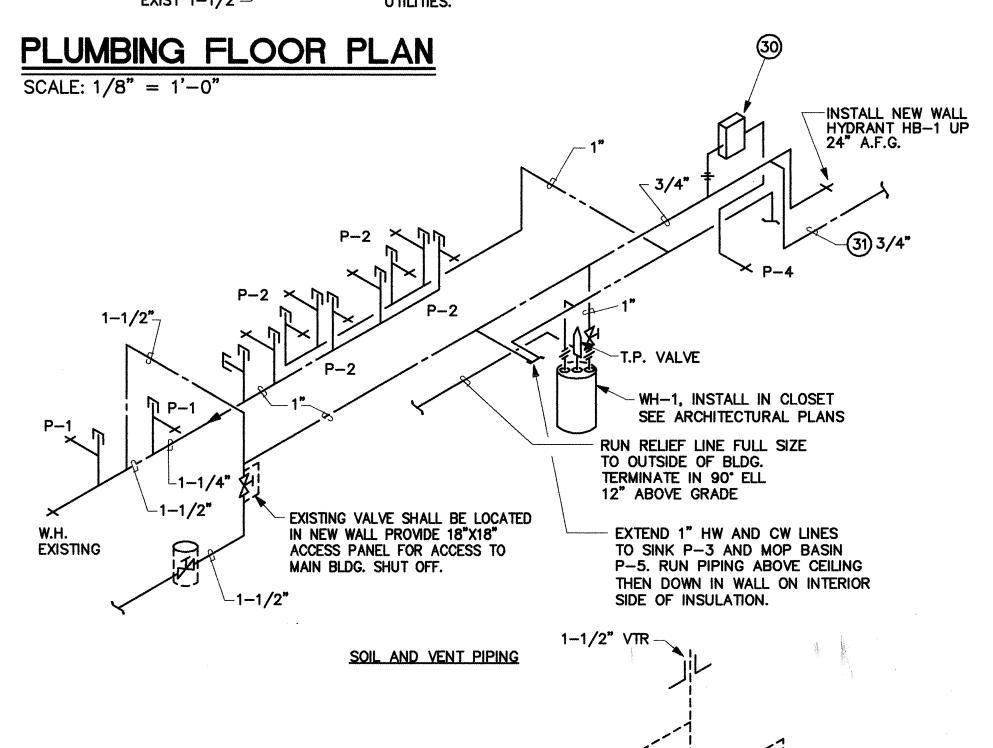
EQUIPMENT SHALL OPERATE AS REQUIRED TO MAINTAIN SETPOINT SPACE TEMPERATURE. UNITS ABOVE SHALL HAVE AIR

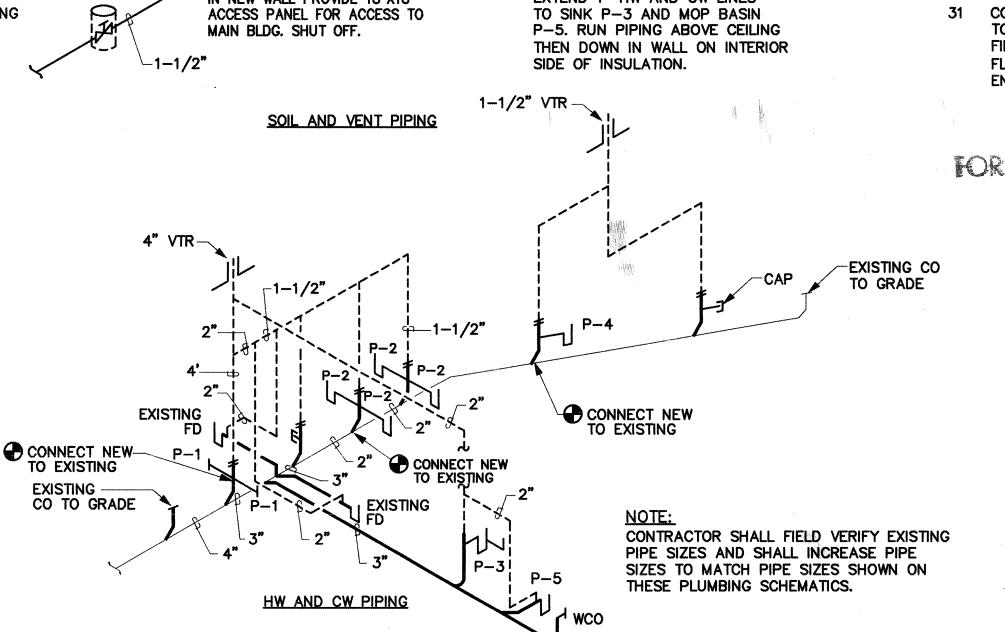
ECONOMIZER CYCLE CONTROLS. THERMOSTAT SHALL HAVE

CAPABILITY OF A TIMECLOCK FOR SHUTDOWN AFTER HOURS.

- CONTRACTOR SHALL VERIFY LOCATION OF ALL PIPING, PLUMBING AND MECHANICAL EQUIPMENT, ETC. SERVED BY EXISTING EQUIPMENT TO BE REMOVED. CONTRACTOR SHALL REMOVE SUCH ITEMS ONLY IF THEY DO NOT SERVE FIXTURES TO REMAIN. ALL PIPING SHALL BE CAPPED IN
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND FINISHING SURFACES (WALLS, FLOORS, CEILINGS) DAMAGED DURING REMOVAL OF EQUIPMENT AND PIPING UNLESS REMOVAL OR RENOVATION OF SURFACE IS COVERED UNDER ANOTHER SECTION OF THIS CONTRACT.
- CONTRACTOR SHALL DISPOSE OF OR RETURN ALL PLUMBING FIXTURES, PIPING, ETC. TO OWNER IN ACCORDANCE WITH DIRECTION OF THE ARCHITECT.
- REMOVE ANY COLD WATER, HOT WATER, GAS, WASTES OR VENT PIPING (NOT SHOWN) UNCOVERED IN EXISTING PARTITIONS TO BE REMOVED; REMOVE BACK TO ACTIVE LINE AND CAP. REMOVE OR MODIFY EXISTING DUCTWORK TO ACCOMODATE NEW DUCT CONNECTION.
- PLUG OR SEAL ALL SOIL, WASTE AND VENT OPENINGS AS DIRECTED FOR A SMOOTH FINISH FLOOR.
- PIPE ROUTING IS APPROXIMATE ONLY; EACH BIDDER SHALL SATISFY THEM SELF AS TO EXISTING BUILDING CONDITIONS BEFORE SUBMITTING THEIR BID. NO ALLOWANCE SHALL BE MADE AFTER CONTRACT IS AWARDED TO ALLOW FOR LACK OF PRE-BID INSPECTION OF BUILDING BY SUCCESSFUL BIDDER.
- COORDINATE WORK WITH OTHER TRADES TO MINIMIZE CONFLICTS AND "DOWN TIME". PATCH WALLS AND CEILING TO MATCH EXISTING SURFACES.







PLUMBING SCHEMATIC

SCALE: NONE

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10" X 12" SUPPLY AIR PLENUM ABOVE ROOF. SUPPORT PER DETAIL ON DETAIL SHEET. EXTEND DUCT THRU WALL. SEAL PENETRATION 4 14" X 30" DUCT DOWN THRU ROOF TO 14" X 30" RETURN AIR GRILLE RG-1. INSTALL 1" A.L. IN DUCTWORK UP TO UNIT. 5 REMOVE EXISTING PLUMBING FIXTURES COMPLETE. CAP PIPING IN WALL. REMOVE EXISTING WATER CLOSET COMPLETE PREPARE PIPING FOR NEW

CONNECTION. SEE NEW WORK PLAN FOR ADDITIONAL INFORMATION. REMOVE EXISTING HOT WATER HEATER COMPLETE. REMOVE PIPING BACK TO WALL AND CAP.

SET AC UNIT ON ROOF TO BE LEVEL. PROVIDE FLEXIBLE DUCT

INSTALL THERMOSTAT UP 48" A.F.F. WITH LOCKING STEEL COVER.

SR-1, 12"x6", 200 CFM INSTALL ON BOTTOM OF DUCT.

THRU WALL PER ARCHITECTURAL DRAWINGS.

REMOVE AND REPLACE FLOOR DRAIN GRATE.

CONNECTIONS AND VIBRATION ISOLATION AT CURB.

10 EXISTING PIPING TO REMAIN.

KEYED NOTES

11 INSTALL ROOF DRAIN ACCORDING TO DETAIL EXTEND 3" ROOF DRAIN LEADER DOWN IN WALL TO 12" A.F.G. AND TURN THRU WALL TO DOWN SPOUT NOZZLE. JR SMITH FIG. 1770 OR EQUAL.

12 NOT USED.

13 EXISTING GAS PIPING RISES UP THRU ROOF.

REMOVE EXISTING SUPPLY AND RETURN DIFFUSERS AND PREPARE DUCT FOR NEW GRILLES AND REGISTERS.

15 EXISTING DUCT TO REMAIN. CAREFULLY CLEAN EXISTING DUCT

REMOVE EXISTING AIR HANDLING UNIT, COMPLETE AND REMOVE DUCTWORK FOR INSTALLATION OF NEW UNIT.

INSTALL NEW CEILING FAN IN EXISTING FAN LOCATIONS AND

CONNECT NEW EXHAUST FAN TO EXISTING ROOF JACK. 18 REMOVE EXISTING CEILING EXHAUST FAN COMPLETELY.

CONNECT TO EACH PIECE OF GAS FIRED EQUIPMENT WITH GAS COCK, UNION, DIRTLEG WITH REMOVABLE CAP AND FLEXIBLE CONNECTION.

20 SR-1 SUPPLY REGISTER 24" X 6" SIZE, 250 CFM.

21 SR-1 SUPPLY REGISTER 24" X 8" SIZE, 300 CFM.

22 SR-1 SUPPLY REGISTER 12" X 6" SIZE, 130 CFM.

23 RG-2 RETURN GRILLE 12" X 12" SIZE, 560 CFM.

24 REMOTE CHILLER WITH 3/4" PIPING TO AND FROM P-4. EXTEND PIPING IN WALL.

25 THE CONTRACTOR SHALL MODIFY EXISTING METER/REGULATOR ARRANGEMENT FROM A LOW PRESSURE (11" W.C.) TO A 2 PSI SYSTEM. COORDINATE WITH PNM ON METER AND PRESSURE TEST EXISTING SYSTEM TO MEET NEW DEMANDS.

26 EXISTING 22"x22" DUCT TRANSITION TO NEW 12"x36" DUCT PENETRATION DOWN FROM NEW UNIT.

EXISTING 22"x22" DUCT FROM EXISTING SUPPLY DUCT SHALL TRANSITION AND CONNECT TO NEW 14"x30" SUPPLY AIR OPENING FROM NEW UNIT.

28 INSTALL OVERFLOW DRAIN ACCORDING TO DETAIL EXTEND 3" OVER-FLOW DRAIN LEADER DOWN IN WALL TO 12" A.F.G. AND TURN THRU WALL TO DOWN SPOUT NOZZLE. JR SMITH FIG. 1770 OR EQUAL.

29 INSTALL 12"x12" RG-2 UP AS HIGH AS POSSIBLE IN WALL FROM ROOM 102 TO ROOM 103.

30 RC-1, REMOTE CHILLER. SUPPORT FROM WALL WITH FRAME PIPE CONDENSATE DRAIN TO EXTERIOR WALL. EXTEND DRAIN THRU OUTSIDE AND TURN DOWN. PROVIDE DRAIN PAN UNDER REMOTE CHILLER.

31 CONNECT NEW 3/4" TO EXISTING 3/4" AND EXTEND BELOW GRADE TO NEW DRINKING FOUNTAIN APPROXIMATELY 60' FROM BUILDING. FIELD VERIFY WITH ARCHITECT ON EXACT LOCATION. CUT CONCRETE FLOOR AND EXTEND PIPING THRU FOOTING AS DIRECTED BY STRUCTURAL ENGINEER.

FOR INFORMATION ONLY



BOHANNAN-HUSTON INC.



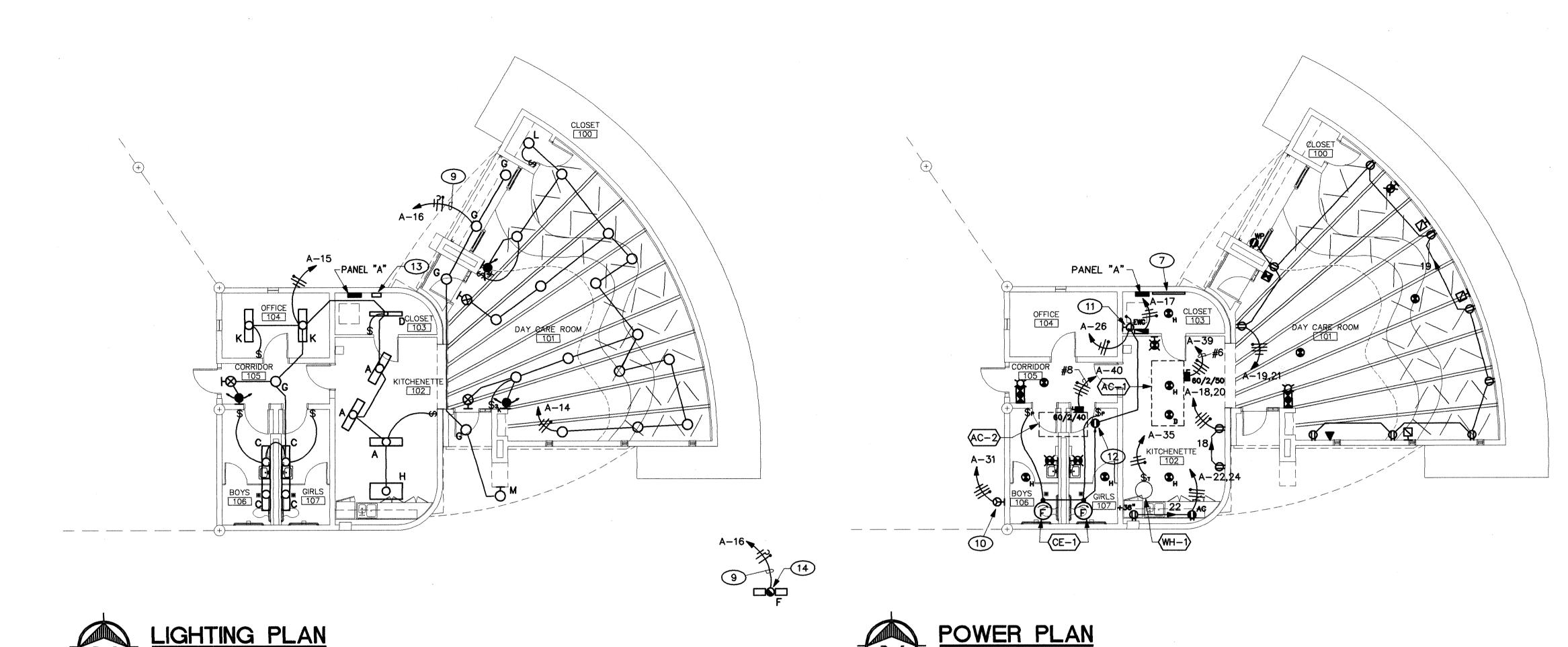
SNOW PARK DAYCARE

MO./DAY/YR. MO./DAY/YR. DESIGN REVIEW COMMITTE MAY - 8 1998 11AV 6 998 DESIGN REVIEW COMMITTEE CITY ENGINEER

CITY PROJECT NO. 5476.90 H-20-Z

MECHANICAL PLANS

M2.01

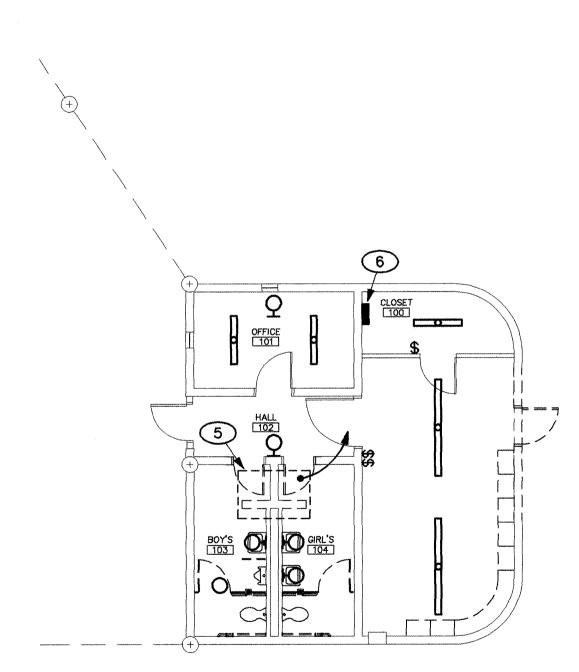


KEYED NOTES

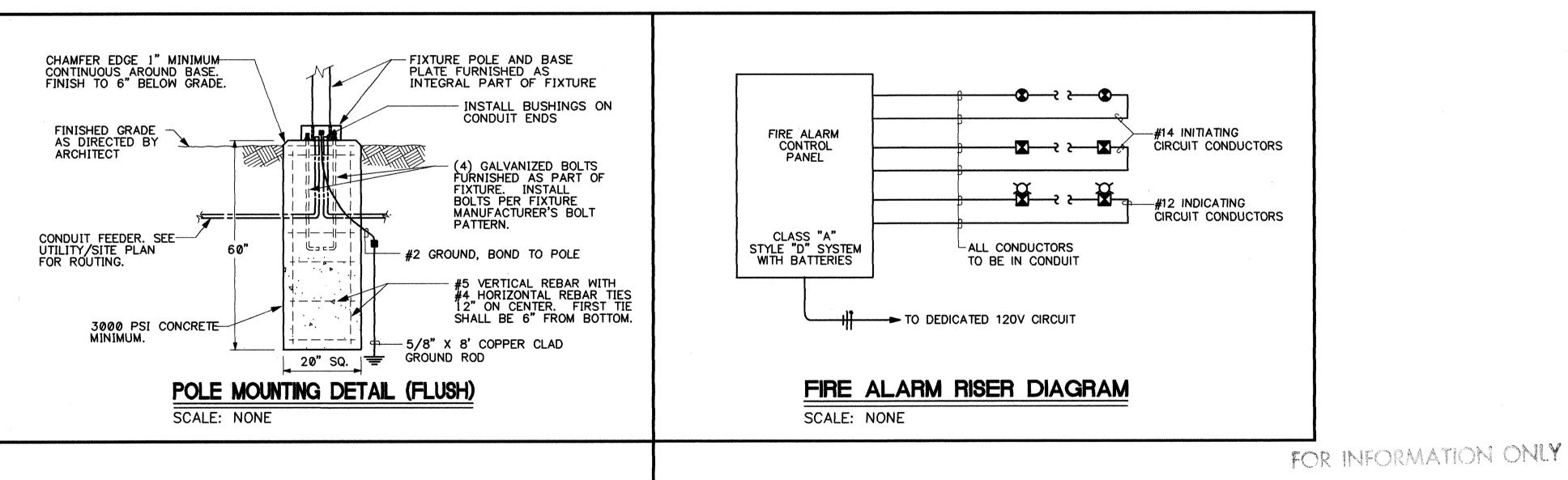
- 1 REMOVE ALL EXISTING DEVICES SHOWN (LIGHT FIXTURES, RECEPTACLES, SWITCHES, WIREMOLD, JUNCTION BOXES, ETC.) ON ELECTRICAL DEMOLITION PLAN, UNLESS NOTED OTHERWISE AND RETURN TO
- 2 REMOVE ALL CONDUIT AND WIRE TO DEVICES INDICATED TO BE REMOVED. REMOVE ALL EXPOSED CONDUIT RUNS AND ABANDON ALL CONCEALED CONDUITS (REMOVE WIRING). REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OR NEAREST EXISTING DEVICE TO REMAIN. PROVIDE BLANK COVERPLATES FOR FLUSH JUNCTION BOXES. CONTRACTOR MAY REUSE EXISTING CONDUIT SYSTEM WHERE FEASIBLE.
- 3 CONTRACTOR SHALL MAINTAIN ALL CIRCUIT AND CONDUIT CONTINUITY TO ALL EXISTING DEVICES TO REMAIN.
- 4 ALL DASHED WALLS ON ELECTRICAL REMOVAL PLAN INDICATE EXISTING WALLS WHICH SHALL BE DEMOLISHED COMPLETELY. CONTRACTOR SHALL REROUTE EXISTING CIRCUITS AS REQUIRED.
- 5 ROOFTOP A/C UNIT TO BE REPLACED. DISCONNECT AND REMOVE ELECTRICAL FEEDER.
- 6 EXISTING PANELBOARD TO BE REPLACED WITH NEW, REFER TO POWER RISER DIAGRAM.
- 7 EXISTING TELEPHONE BACKBOARD TO REMAIN.
- 8 EXISTING LIGHT POLE TO REMAIN, REFER TO SHEET A1.02. REPLACE EXISTING FIXTURE WITH NEW. ADD AN ADDITIONAL FLOODLIGHT (LITHONIA #TFH-250S-RM2-TB-WG-PMB) ON POLE.
- 9 EXTEND TO CIRCUIT INDICATED THROUGH CONTACTOR, REFER TO LIGHTING CONTROL DIAGRAM.
- 10 30A, 240V RECEPTACLE FOR SPECIAL CONCERT FUNCTIONS.
- 11 FOR ELECTRIC WATER COOLER REMOTE CONDENSER, VERIFY EXACT LOCATION IN FIELD.
- 12 INSTALL ROOFTOP RECEPTACLE ON UNISTRUT STAND.
- 13 TIMECLOCK AND LIGHTING CONTACTOR, REFER TO LIGHTING CONTROL DIAGRAM.
- 14 VERIFY EXACT LOCATION IN FIELD WITH ARCHITECT. REFER TO POLE MOUNTING DETAIL.

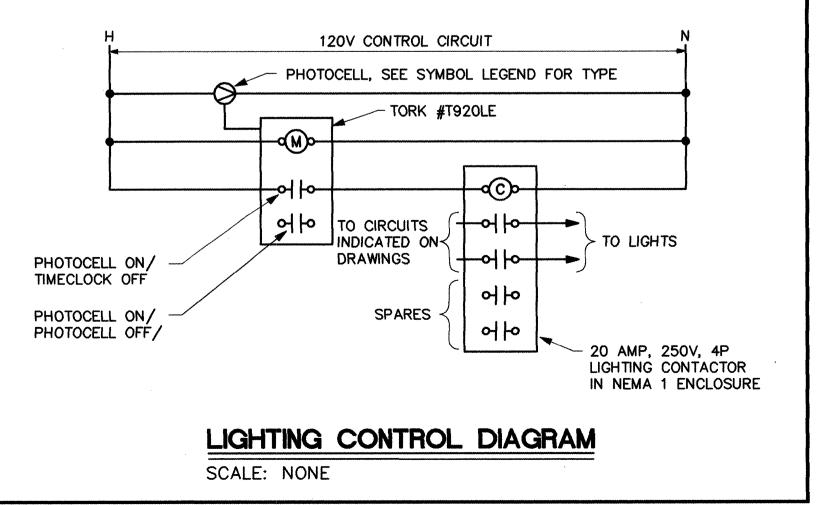
# **GENERAL NOTES**

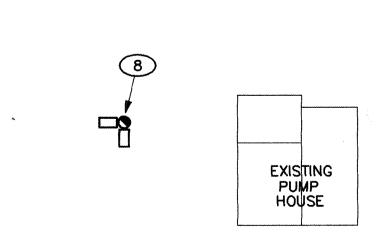
- A. REFER OT SPECIFICATION 16500 FOR LIGHTING FIXTURE SCHEDULE.
- B. REFER TO SPECIFICATION 16160 FOR PANEL SCHEDULE.
- C. ALL LIGHT FIXTURES SHALL BE TYPE "B" UNLESS NOTED OTHERWISE.
- D. CONTRACTOR SHALL CAREFULLY PATCH ALL EXISTING CONSTRUCTION DAMAGED DURING THIS WORK AND PATCH ANY HOLES LEFT AS A RESULT OF DEMOLITION.











SCALE: 1'' = 20' - 0''

PARTIAL SITE PLAN - LIGHTING

Smith Engineering Company

A Full Service Engineering Company

6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 67110



BOHANNAN-HUSTON INC.

BURNETO - PLANETO - PHOTOGRAPHETINETO - QUINETORO - L'ADDICATE - ARCHTRICTO

ALBUQUERQUE LAS CRUCES SANTA PE



REVISIONS DESIGN

SNOW PARK DAYCARE

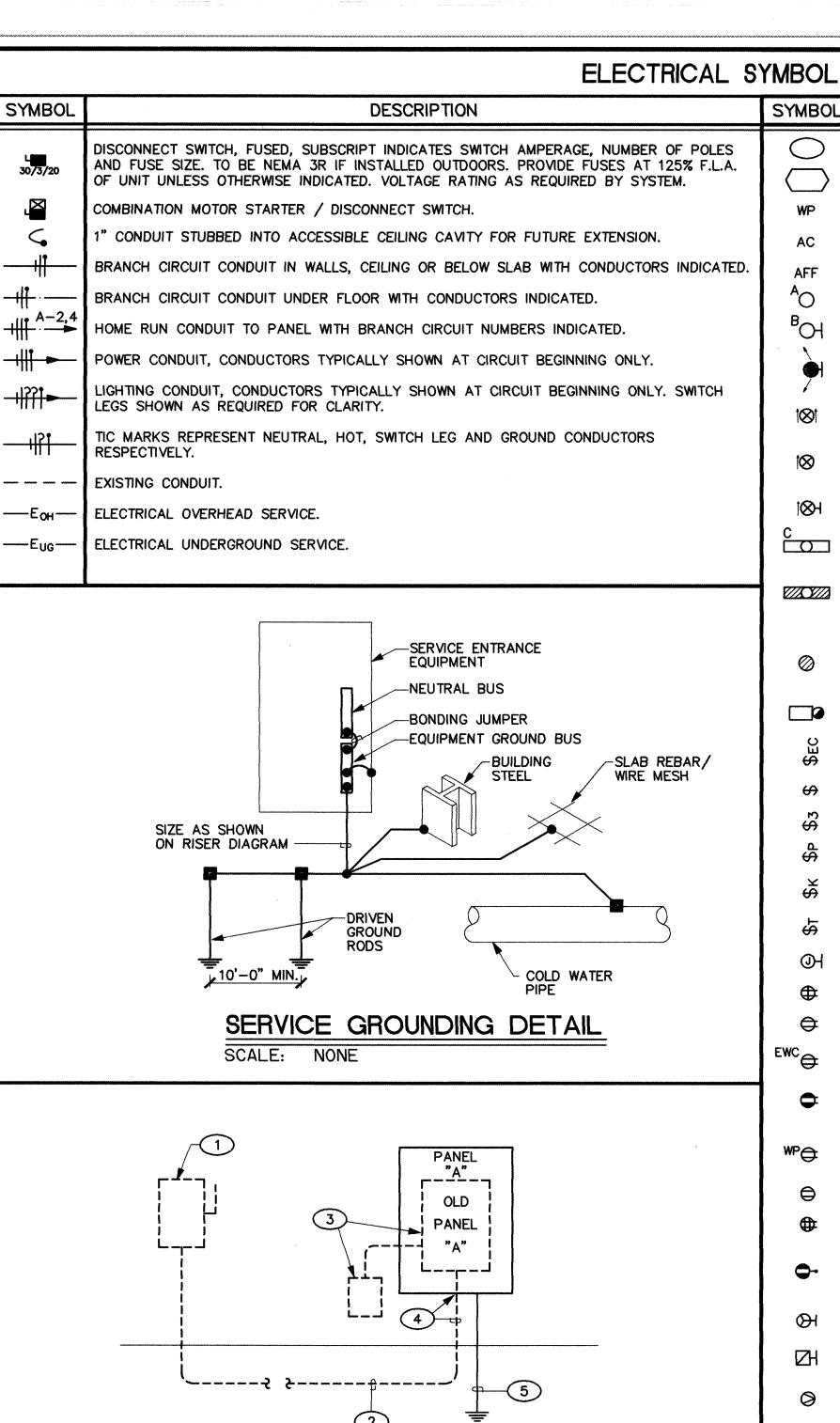
ELECTRICAL PLANS

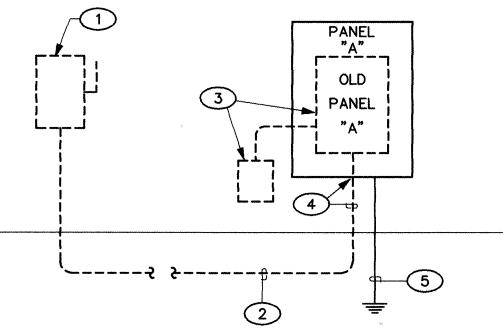
DESIGN REVIEW COMMITTEE

CITY ENGINEER

SOLUTION OF THE PROJECT NO.

SONE MAP NO. SHEET OF E1.01 27





# POWER RISER DIAGRAM SCALE: NONE

# POWER RISER KEYED NOTES

- EXISTING 200A, 240V, 2P+SN, FUSIBLE DISCONNECT SWITCH AT EXISTING CHLORINE STATION TO REMAIN. FUSE WITH 150A BUSS RK1 LIMITRONS. REFER TO SHEET A1,02.
- 2 EXISTING FEEDER TO BE REPLACED (3 #1/0 AL) WITH 3 #2/0 COPPER. RE-USE EXISTING 1.5" CONDUIT, APPROXIMATELY 240' RUN. REFER TO SHEET A1.02 INSTALL PULL BOX AT MID-POINT AS REQUIRED.
- 3 EXISTING PANEL "A" AND ASSOCIATED 2-POLE BREAKER BOX TO BE REPLACED BY NEW PANEL "A".
- 4 RE-ROUTE EXISTING 1.5" SERVICE FEEDER CONDUIT INTO NEW PANEL "A".
- 5 1 #6 BSD COPPER SERVICE GROUND IN 1/2" CONDUIT. REFER TO SERVICE GROUNDING DETAIL.

# ELECTRICAL SYMBOL LEGEND

KEYED NOTE SYMBOL - ELECTRICAL.

MECHANICAL EQUIPMENT DESIGNATION — SEE MECHANICAL EQUIPMENT SCHEDULE.

ABOVE COUNTER (6" UNLESS NOTED OTHERWISE).

ABOVE FINISH FLOOR.

WEATHERPROOF.

CEILING FIXTURE AND OUTLET. TYPE AS INDICATED IN FIXTURE SCHEDULE.

BRACKET FIXTURE AND OUTLET. TYPE AS INDICATED IN FIXTURE SCHEDULE.

EMERGENCY FIXTURE WITH BATTERY PACK AND OUTLET. TYPE "EM" AS INDICATED IN FIXTURE SCHEDULE. CEILING MOUNTED DOUBLE FACE EXIT FIXTURE AND OUTLET WITH DIRECTIONAL ARROWS AS

DESCRIPTION

INDICATED. TYPE "X" AS INDICATED IN FIXTURE SCHEDULE. CEILING MOUNTED SINGLE FACE EXIT FIXTURE AND OUTLET WITH DIRECTIONAL ARROWS AS INDICATED. TYPE "X" AS INDICATED IN FIXTURE SCHEDULE.

WALL BRACKET OR RECESSED EXIT FIXTURE AND OUTLET WITH DIRECTIONAL ARROWS AS INDICATED. TYPE "X" AS INDICATED IN FIXTURE SCHEDULE.

FLUORESCENT FIXTURE AND OUTLET. TYPE AS INDICATED IN FIXTURE SCHEDULE. LIGHT FIXTURES INDICATED WITH SHADING ARE CONNECTED TO EMERGENCY POWER SOURCE. BODINE #B50 (1350 LUMENS) BATTERY PACK OR APPROVED EQUAL. PROVIDE ALL MOUNTING

HARDWARE REQUIRED FOR A COMPLETE INSTALLATION, COORDINATE WITH LIGHTING MFR.

LIGHT FIXTURES INDICATED WITH SHADING ARE CONNECTED TO EMERGENCY POWER SOURCE. BODINE BATTERY PACK OR APPROVED EQUAL. (SIZED FOR LAMP WATTAGE) PROVIDE ALL MOUNTING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION, COORDINATE WITH LIGHTING

POLE MOUNTED FIXTURE. TYPE AS INDICATED IN FIXTURE SCHEDULE.

EVAPORATIVE COOLER SWITCHES. ONE LABELED "HIGH-OFF-LOW" FOR FAN AND ONE LABELED "ON-OFF" FOR PUMP. FLUSH MOUNTED UP 44" UNLESS OTHERWISE INDICATED.

SINGLE POLE WALL SWITCH. FLUSH MOUNTED UP 44" UNLESS OTHERWISE INDICATED.

PILOT SWITCH. FLUSH MOUNTED UP 44" UNLESS OTHERWISE INDICATED.

KEYED WALL SWITCH. FLUSH MOUNTED UP 44" UNLESS OTHERWISE INDICATED.

THREE-WAY WALL SWITCH. FLUSH MOUNTED UP 44" UNLESS OTHERWISE INDICATED.

THERMAL SWITCH. WEATHERPROOF IF INSTALLED OUTSIDE. FLUSH MOUNTED UP 44" UNLESS OTHERWISE INDICATED.

JUNCTION BOX FLUSH IN WALL. HEIGHT AS INDICATED FOR CONNECTION TO EQUIPMENT.

20 AMP DUPLEX CONVENIENCE RECEPTACLE, 6" ABOVE COUNTER OR AS INDICATED.

20 AMP DUPLEX CONVENIENCE RECEPTACLE, UP 18" OR AS INDICATED.

20 AMP DUPLEX GROUNDING TYPE CONVENIENCE RECEPTACLE INSTALLED WITHIN CASE OF ELECTRIC WATER COOLER.

20 AMP GROUND FAULT INTERRUPTING DUPLEX CONVENIENCE RECEPTACLE. UP 18" OR AS

20 AMP WEATHERPROOF DUPLEX CONVENIENCE RECEPTACLE, UP 18" OR AS INDICATED.

COVER TO BE "HUBBELL" #5206 OR EQUAL. 20 AMP DUPLEX CONVENIENCE RECEPTACLE, FLUSH MOUNTED IN COUNTER OR CEILING.

20 AMP FOURPLEX CONVENIENCE RECEPTACLE, UP 18" OR AS INDICATED.

20 AMP WEATHERPROOF GROUND FAULT INTERRUPTING DUPLEX CONVENIENCE RECEPTACLE (IN CAST BOX), STUBBED UP ON RIGID CONDUIT ON ROOF UNLESS OTHERWISE INDICATED (UP 6" AFF OR AS NOTED).

SPECIAL PURPOSE RECEPTACLE. SEE DRAWINGS FOR TYPE.

STUBBED UP 12" ABOVE ROOF, WITH WINDOW FACING NORTH.

COMPUTER OUTLET FLUSH IN WALL, 4" SQUARE BOX, 2-1/8" DEEP, ONE DEVICE COVER, UP 18" OR AS INDICATED, EXTEND 3/4" CONDUIT FROM EACH OUTLET TO TERMINAL BOARD. PHOTOCELL LIGHTING CONTROLLER, PRECISION #T-15 MOUNTED ON 1/2" RIGID CONDUIT

TELEPHONE OUTLET, UP 18" OR AS INDICATED. SEE DETAIL & SPECIFICATIONS FOR CONDUIT/CABLE REQUIREMENTS.

WALL MOUNTED TELEPHONE OUTLET, UP 44" OR AS INDICATED. SEE DETAIL AND SPECIFICATIONS FOR CONDUIT/CABLE REQUIREMENTS.

FIRE ALARM VISUAL SIGNAL, DOWN 6" BELOW CEILING OR UP 6'-8" TO CENTER (WHICHEVER IS LOWER). SEE SPECIFICATIONS FOR CONDUIT, WIRE AND DEVICE REQUIREMENTS.

FIRE ALARM MANUAL PULL STATION, UP 44". SEE SPECIFICATIONS FOR CONDUIT, WIRE AND DEVICE REQUIREMENTS.

FIRE ALARM AUDIO/VISUAL SIGNAL, DOWN 6" BELOW CEILING OR UP 6'-8" TO CENTER WHICHEVER IS LOWER). SEE SPECIFICATIONS FOR CONDUIT, WIRE AND DEVICE REQUIREMENTS.

F.A. AUTOMATIC DETECTOR, TYPE AS INDICATED (D-DUCT, H-HEAT, I-IONIZATION &

S/H-SMOKE/HEAT). ALL DETECTORS "SMOKE" UNLESS OTHERWISE NOTED. FIRE ALARM CONTROL PANEL, SEE SPECIFICATIONS FOR SYSTEM REQUIREMENTS.

SPECIAL CABINET, TELEPHONE TYPE OR AS NOTED. LIGHTING BRANCH CIRCUIT PANEL, SEE PANEL SCHEDULE FOR CHARACTERISTICS.

POWER DISTRIBUTING PANEL, SEE PANEL SCHEDULE FOR CHARACTERISTICS.

MOTOR CONNECTION WITH HP INDICATED.

D,H,I,S/H

MOTOR CONNECTION FOR FRACTIONAL HP MOTOR (LESS THAN 1/3 HP). PROVIDE THERMAL O.L. SWITCH ADJACENT TO ALL MOTORS UNLESS SWITCH IS SHOWN ELSEWHERE ON PLAN.

MOTOR STARTER, SIZE AND POLES FOR MOTOR FURNISHED.

DISCONNECT SWITCH. NON-FUSED. SUBSCRIPT INDICATES SWITCH AMPERAGE AND NUMBER OF POLES, BE NEMA 3R IF INSTALLED OUTDOORS. VOLTAGE RATING AS REQUIRED BY SYSTEM.

GENERAL NOTES

(APPLIES TO ALL ELECTRICAL SHEETS)

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO BID OPENING, TO ALLOW HIM TO SUBMIT A COMPLETE BID WITHIN THE SCOPE OF THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARD TO THE CONTRACTOR'S FUNCTIONS, THE SCOPE OF THE PROJECT, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE ARCHITECT/ENGINEER FOR CLARIFICATION, NOT AFTER THE CONTRACT HAS BEEN AWARDED.

IT WILL BE THE CONTRACTOR'S OBLIGATION TO INCLUDE IN HIS BID THE COST FOR INSTALLING JUNCTION BOXES, PROVIDING MISCELLANEOUS COVERS, WORK WITH OTHER DISCIPLINES WHERE THE CONTRACT INVOLVES ELECTRICAL POWER OR CONTROL CONNECTIONS, SWITCHES, ETC. ALL OF THIS WORK SHALL BE PART OF THIS CONTRACT.

LOCATIONS OF EXISTING EQUIPMENT AND OTHER DEVICES SHOWN ON PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

CONTRACTOR SHALL INSTALL PULLBOXES AND JUNCTION BOXES WHEREVER REQUIRED BY N.E.C. OR JOB CONDITIONS.

ALL NEW WIRING SHALL BE TAGGED AT ALL PULLBOXES, JUNCTION BOXES, EQUIPMENT BOXES AND CABINETS WITH APPROVED PLASTIC TAGS. ACTION CRAFT, BRADY OR APPROVED EQUIVALENT. CONTRACTOR SHALL NOT USE EXISTING WIRING FOR NEW WORK.

SHOULD CONTRACTOR AT ANY TIME NOTICE THAT THE ACTUAL FIELD CONDITIONS DO NOT CORRESPOND TO THE INFORMATION GIVEN ON THE DRAWINGS. THEN IT WILL BE HIS RESPONSIBILITY TO NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE FOR CLARIFICATION.

THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING EQUIPMENT, STRUCTURE, WALLS, CEILINGS, ETC., IN A PROFESSIONAL MANNER. SEAL ALL WALL OR CEILING OPENINGS WITH MATCHING MATERIAL. THIS SHALL BE DONE AT NO COST TO THE OWNER.

DEVICE MOUNTING HEIGHTS INDICATED ON THE DRAWINGS ARE APPROXIMATE THIS CONTRACTOR SHALL COORDINATE ALL DEVICE LOCATIONS WITH OTHER TRADES AND SHALL PAY PARTICULAR ATTENTION TO THE LOCATION OF TACKBOARDS, CHALKBOARDS AND CASEWORK. VERIFY EXACT LOCATION OF DEVICES IN OR ABOVE CASEWORK AND ADJACENT TO TACKBOARDS/CHALKBOARDS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. ANY DEVICES WHICH HAVE TO BE RELOCATED DUE TO FAILURE TO PERFORM THIS COORDINATION WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL MAKE AS-BUILT DRAWINGS DOCUMENTING ANY AND ALL WIRING AND EQUIPMENT CONDITIONS AND CHANGES WHILE COMPLETING THIS CONTRACT. PROVIDE UPDATED, TYPEWRITTEN DIRECTORIES FOR ALL PANELBOARDS. AND LABEL ALL PANELS WITH PLASTIC LAMINATED NAMEPLATES.

INSTALL BLANK DEVICE PLATES ON ALL UNUSED JUNCTION BOXES IN FINISHED

ALL ELECTRICAL WIRING SHALL BE ROUTED IN CONDUIT. WIRING BELOW SUSPENDED CEILINGS SHALL BE CONCEALED IN WALLS. IN CASE OF SOLID WALLS, WIREMOLD MUST BE UTILIZED IN FINISHED AREAS.

ALL CONDUIT RUNS SHALL BE CONCEALED IN NEW WALLS OR ABOVE NEW CEILING. EXPOSED RUNS SHALL BE WIREMOLD PAINTED TO MATCH SURFACE ON WHICH IT IS MOUNTED.

IN ALL LOCATIONS WHERE EXISTING CIRCUITS ARE AFFECTED BY THE REMOVAL OF CONDUIT, WIRING, RECEPTACLES, LIGHTING FIXTURES, THE BLOCKING OUT OF EXISTING OUTLET BOXES, ETC., AND THE CIRCUITS ARE STILL REQUIRED TO FEED OTHER DEVICES OR EQUIPMENT WHICH ARE TO REMAIN: THE CONTRACTOR SHALL REFEED THESE DEVICES OR EQUIPMENT WHICH ARE TO REMAIN IN SERVICE. TO MAINTAIN CIRCUIT CONTINUITY, AFTER THE COMPLETION OF THE REMODEL AT NO ADDITIONAL COST TO THE OWNER.

THE CONTRACTOR SHALL BE AWARE THAT ALL POWER SYSTEMS ARE OPERABLE AND SHALL REMAIN OPERABLE AT PROJECT COMPLETION. THIS REQUIRES THE CONTRACTOR TO "RING OUT" ALL CIRCUITS IN AREAS OF MODIFICATIONS PRIOR TO ANY WORK IN THESE AREAS AND TO MAINTAIN ALL SUCH BRANCH CIRCUITING AND CONTROLS OPERATIONAL AFTER MODIFICATIONS.

THE CONTRACTOR SHALL BE AWARE THAT ALL SPECIAL SYSTEMS ARE TOTALLY OPERABLE AND SHALL BE OPERABLE AT PROJECT COMPLETION. ANY DISRUPTION OF SYSTEMS DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH SYSTEMS LEFT TOTALLY OPERABLE.

P INTERRUPTION OF ANY ELECTRICAL SERVICES OR SPECIAL SYSTEMS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AT LEAST SEVEN DAYS PRIOR TO THE INTENDED OUTAGE AND SHALL BE REQUESTED IN WRITING.

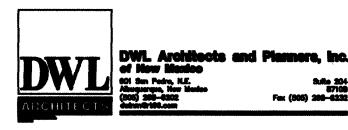
WHEREVER REQUIRED, FURNISH AND INSTALL ON WALL OR CEILING FREESTANDING UNISTRUT CHANNELS, ANGLE IRONS OR ANY OTHER SUPPORT STRUCTURE WITH THREADED ROD HANGERS AS REQUIRED FOR THE SUPPORT OF ELECTRICAL EQUIPMENT OF ANY KIND TO ENSURE PROPER INSTALLATION.

R THE CONTRACTOR SHALL COORDINATE ALL REMOVAL WORK WITH NEW WORK. REFER TO INSTALLATION PLANS FOR CONNECTIONS TO EXISTING CIRCUITS. DO NOT REUSE EXISTING CONDUCTORS FOR NEW WORK, EXCEPT WHERE SPECIFICALLY NOTED.

CONDUIT SYSTEMS TO BE REUSED WHERE PRACTICAL, CONDUCTORS TO ALL NEW DEVICES SHALL BE NEW (HOME RUNS, SWITCHES, ETC.).

T ALL NEW WIRING SHALL BE COPPER.

ALL HOME RUN CIRCUITING TO PANELS SHALL BE 3/4" CONDUIT, MINIMUM.



FOR INFORMATION ONLY

BOHANNAN-HUSTON INC. BIGNESING - PLANSING - PHOTOGRAFF STRUSTS - SINVEYORS - LADSCAPE - ARCHITECT

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196827 Smith Engineering Company A Full Service Engineering Company

6400 Untown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

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