

MATCH LINE - SEE BELOW

LEGEND:

- POWER POLE
- ⊥ DOWN GUY
- ⊕ LIGHT STANDARD
- ⊗ WATER VALVE
- ⊙ FIRE HYDRANT
- ⊖ WATER SPIGOT
- ⊙ SEWER MANHOLE
- ⊙ SEWER CLEANOUT
- ⊙ TREE
- ⊙ CYPRESS
- ⊕ BASKETBALL HOOP
- ⊕ SIGN
- ⊕ GAS METER
- ⊕ MAILBOX
- ⊕ GUARD POST
- x-x- CHAIN LINK FENCE
- EDGE OF PAVEMENT

BENCH MARK:

CHISELED "C" ON THE TOP OF CURB LOCATED 5' SOUTH OF THE SOUTHWEST PROPERTY CORNER. ELEVATION = 423.51' (CITY DATUM)

BASIS OF BEARINGS:

THE BEARING OF S.89°43'40"E. AS SHOWN AS THE CENTERLINE OF 34TH STREET IN SECTION 19, T.29S., R.29S., M.D.M. RECORDED IN DEED BOOK 4116 AT PAGE 314 IN THE OFFICE OF THE KERN COUNTY RECORDER WAS USED AS THE BASIS OF BEARINGS SHOWN HEREON.

SURVEYOR'S STATEMENT:

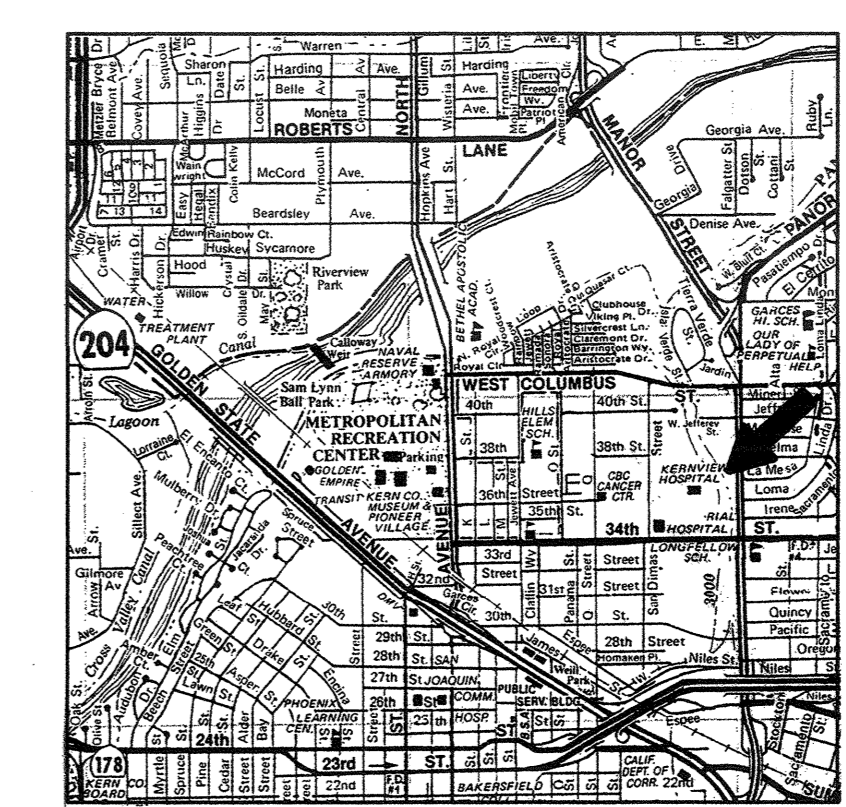
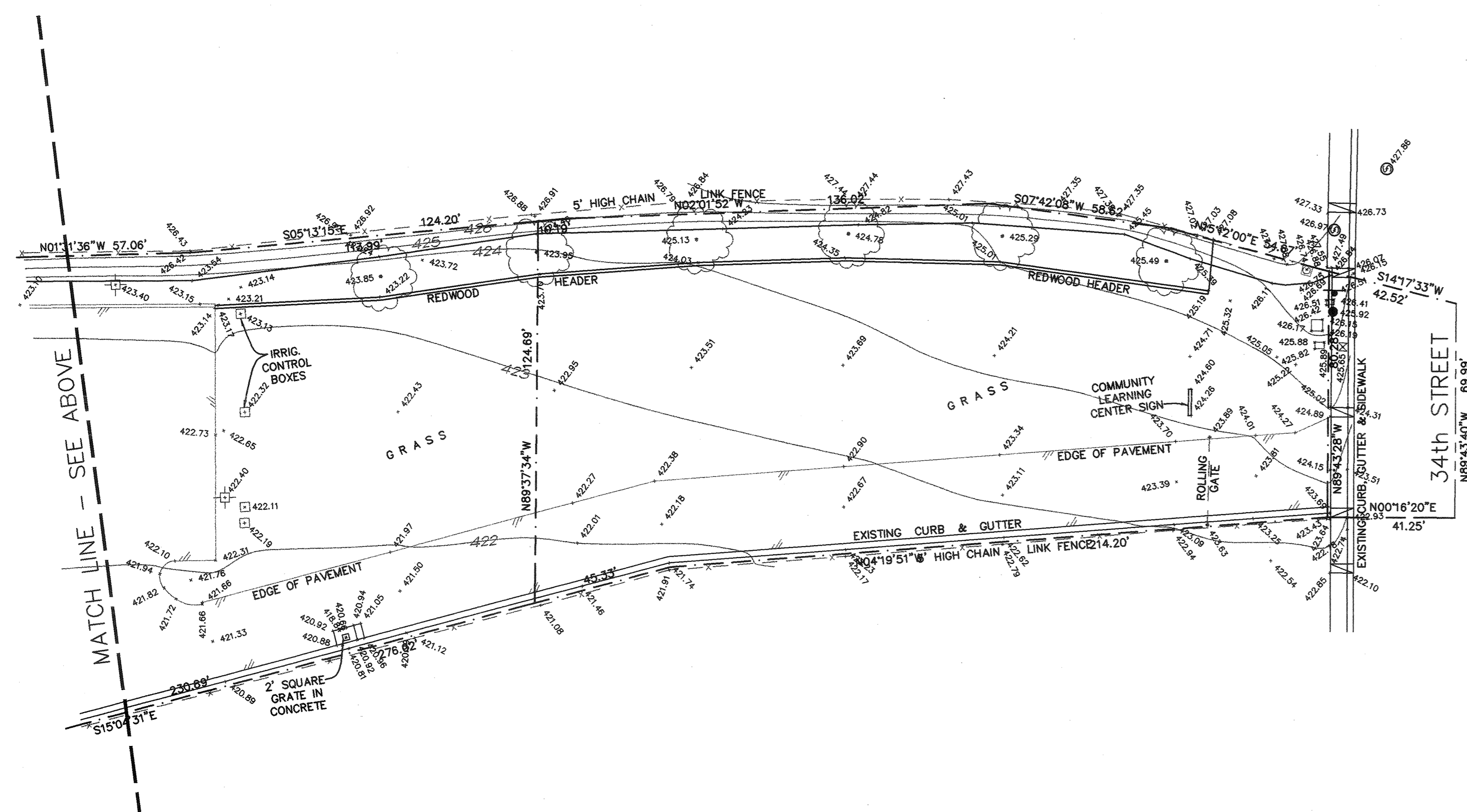
THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYOR'S ACT AT THE REQUEST OF COMMUNITY LEARNING CENTER IN MAY, 1997.

ROGER A. MCINTOSH L.S. 4383 DATE

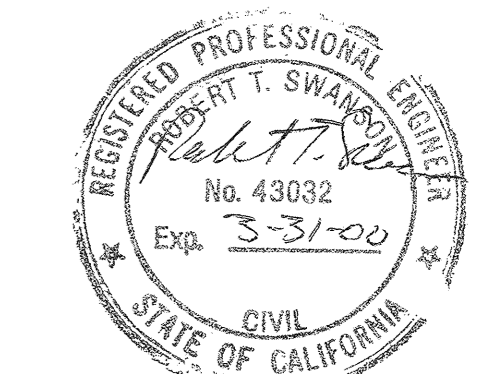
NOTE:

NOT ALL UNDERGROUND UTILITIES OR FACILITIES WERE LOCATED BY THIS SURVEY AND THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR UNDERGROUND UTILITIES NOT SHOWN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES.

THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR EASEMENTS, RIGHT OF WAYS, PROPERTY LINES OR ANY OTHER INFORMATION PERTAINING TO RECORD TITLE INTEREST DUE TO THE FACT NO TITLE REPORT WAS PROVIDED FOR THIS SURVEY.



VICINITY MAP



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**34TH STREET
COMMUNITY SCHOOL
EXPANSION**

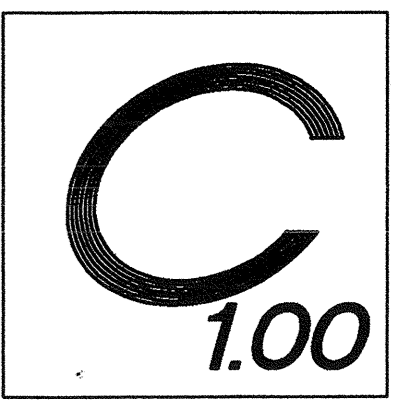
222 34TH STREET
BAKERSFIELD, CA

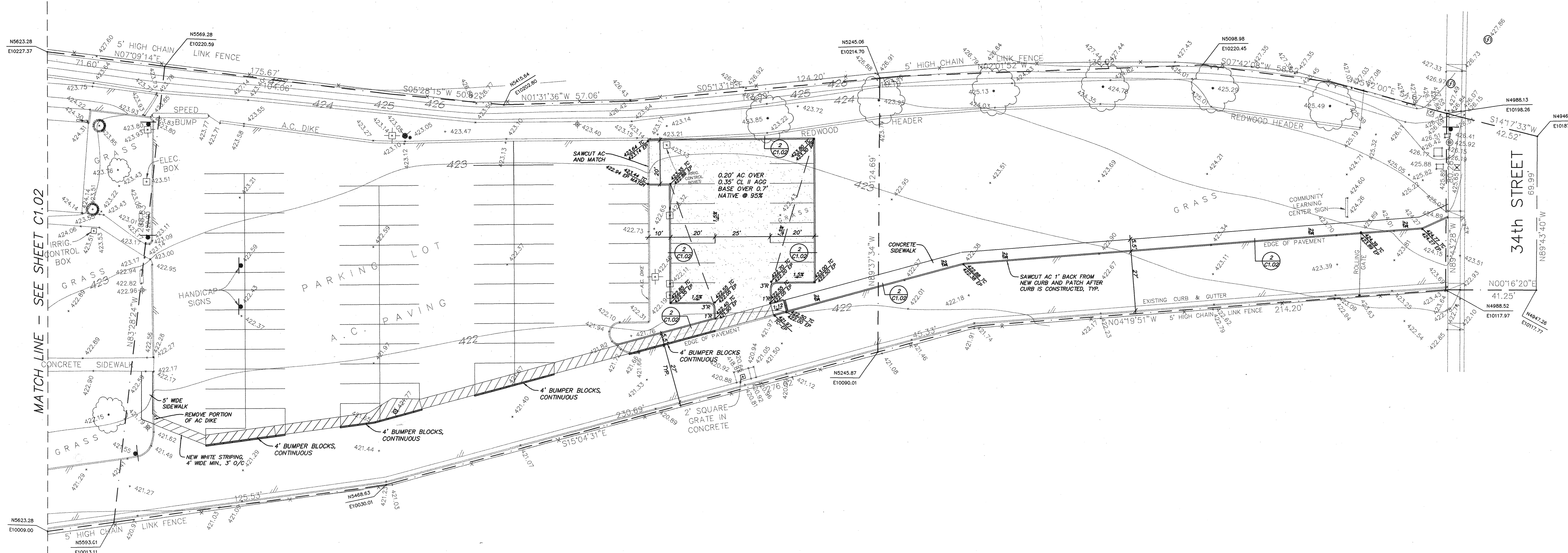
KERN COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

**TOPOGRAPHIC
SURVEY**

job no.	97-120
date	5/16/97
drawn by	RTS
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**34TH STREET
 COMMUNITY SCHOOL
 EXPANSION**

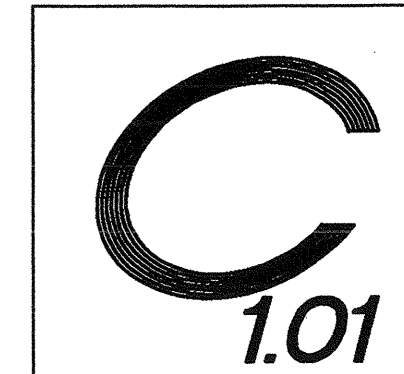
222 34TH STREET
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KERN COUNTY SUPERINTENDENT OF SCHOOLS

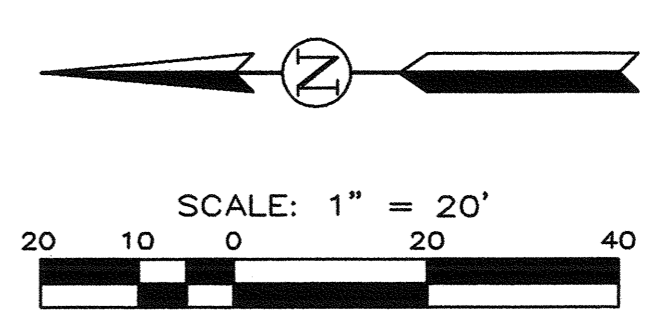
ISSUED FOR B.P. #17, #20, #24

**GRADING PLAN
 SOUTH HALF**

job no.	97-120
date	5/16/97
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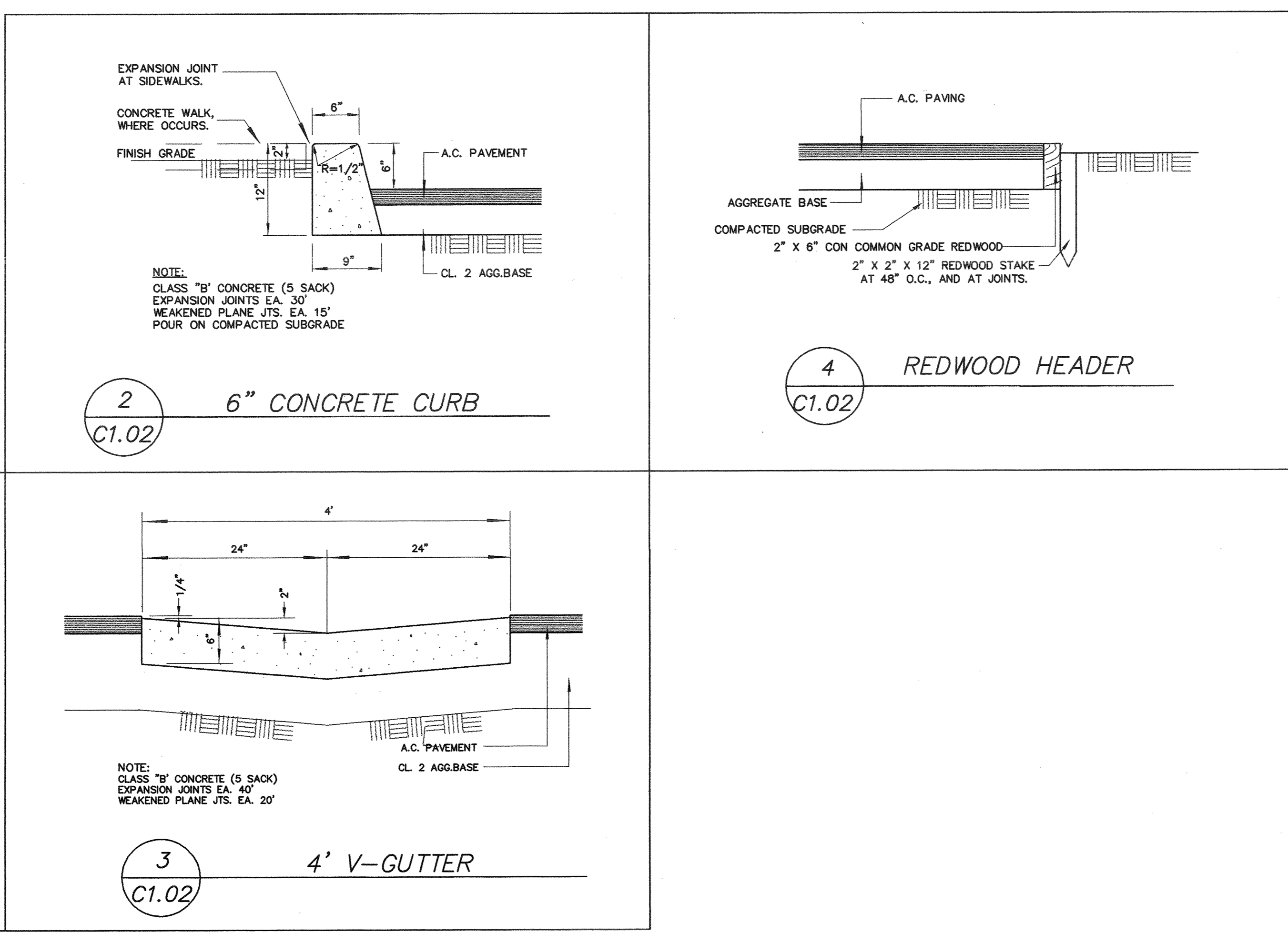
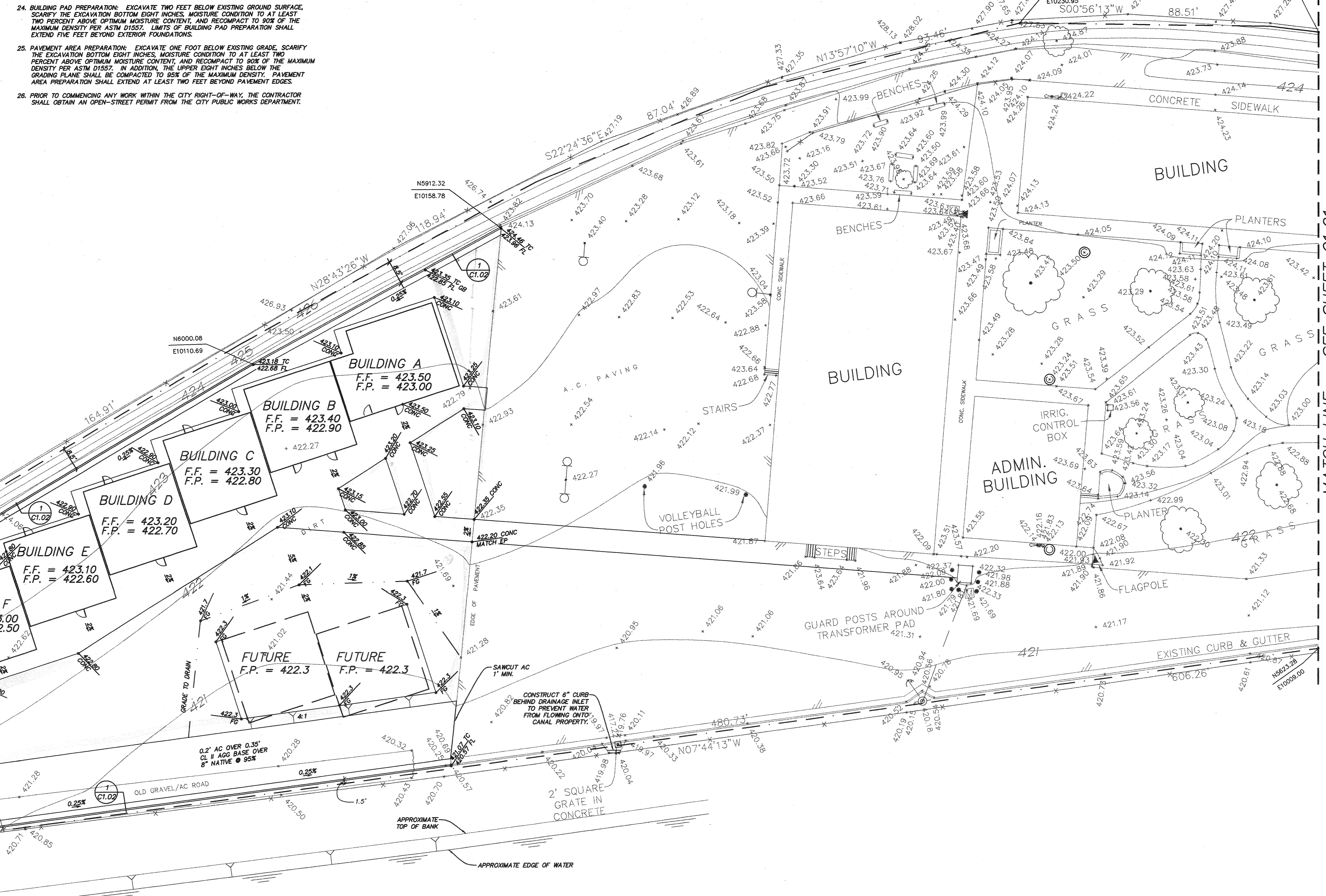
BENCH MARK:
 CHISELED "C" ON THE TOP OF CURB LOCATED 5'
 SOUTH OF THE SOUTHWEST PROPERTY CORNER.
 ELEVATION = 423.51' (CITY DATUM)



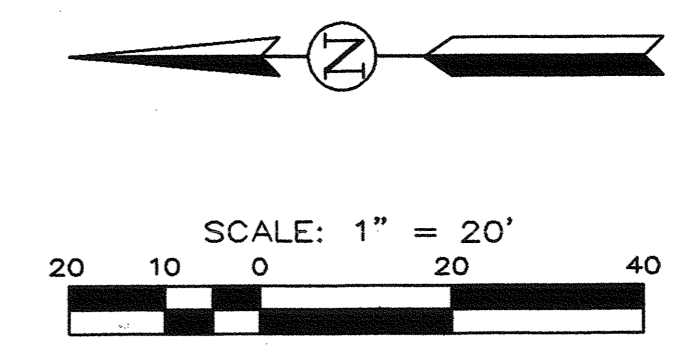
ISSUED FOR BID PACKAGE NOS. 5, 6, 11, 12, AND 13

GRADING NOTES:

- ALL GRADING SHALL CONFORM TO THE CITY OF BAKERSFIELD ORDINANCES AND STANDARDS PERTAINING THERETO (APPENDIX CHAPTER 33 U.B.C., 1984) AND SHALL BE SUPERVISED AS ENGINEERED GRADING IN ACCORDANCE WITH CITY OF BAKERSFIELD ORDINANCES.
- THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODE WITHIN HIS JURISDICTION.
- THE SOIL ENGINEER, DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED 48 HOURS PRIOR TO PLACING ANY MATERIAL.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL HOURS OF OPERATION; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER, ARCHITECT, AND THE ENGINEER HARMLESS FROM ANY LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ARCHITECT, OR THE ENGINEER.
- THE GRADING CONTRACTOR SHALL CONTACT ALL COMPANIES WITH UNDERGROUND FACILITIES PRIOR TO BEGINNING CONSTRUCTION AND VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND FACILITIES, INCLUDING TELEPHONE, ELECTRIC, WATER, SEWER, OIL AND GAS LINES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR BURIED LINES NOT INDICATED ON THE PLAN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES. (USA 1-800-946-2444)
- THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING ALL AREAS TO ± OR 0.10 FOOT. IF AN AREA SHOULD BE FOUND TO BE MORE THAN 0.10 FOOT OUT OF TOLERANCE AFTER COMPACTING AND ACCEPTANCE OF GRADING, THE CONTRACTOR SHALL RETURN AND CORRECT THE GRADING AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL WATER AS REQUIRED DURING THE GRADING OPERATIONS TO PREVENT THE OCCURRENCE OF A DUST HAZE AND SHALL PROTECT CURBS AND OTHER OBJECTS WHICH ARE TO REMAIN. DUST CONTROL SHALL CONFORM TO THE SAN JOAQUIN VALLEY UNITED AIR POLLUTION CONTROL DISTRICT REGULATIONS.
- EXCAVATION - EXCAVATION SHALL CONSIST OF ALL EXCAVATION INVOLVED IN GRADING THE PROJECT AS SHOWN ON THE PLANS, EXCEPT ANY EXCAVATION SEPARATELY DESIGNATED AND PAID FOR AS A SEPARATE ITEM.
- EMBANKMENTS - EMBANKMENT CONSTRUCTION SHALL CONSIST OF CONSTRUCTING EMBANKMENTS, INCLUDING THE PREPARATION OF AREAS FOR WHICH THEY ARE TO BE PLACED, THE CONSTRUCTION OF Dikes WITHIN OR OUTSIDE THE CONSTRUCTION AREA, THE PLACING AND COMPACTING OF APPROVED MATERIAL, WITHIN THE CONSTRUCTION AREA WHERE UNSUITABLE MATERIAL HAS BEEN REMOVED, AND THE PLACING AND COMPACTING OF EMBANKMENT MATERIAL, IN HOLES, PITS, AND DEPRESSIONS FOR THE CONSTRUCTION OF EMBANKMENTS, PREPARING SUB-GRADE AT THE GRADING PLANE, CONFORMING TO THE GRADE TOLERANCES, DONE BY NECESSARY FILLING OR BENCHING, IMPORTING OR BORROWING PLACING AND COMPACTING MATERIAL TO THE LINE AND GRADES SHOWN ON THE PLANS AND AS ORDERED BY THE ENGINEER. ALL EMBANKMENT CONSTRUCTION SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE PAID PER CUBIC YARD FOR FURNISHING AND PLACING THE MATERIAL OR CONSTRUCTING AS EMBANKMENT, AS THE CASE MAY BE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH WORK.
- THE WORK EMBANKED HEREON SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DATED JULY 1982, INsofar AS THE SAME MAY APPLY IN ACCORDANCE WITH THE NOTES HEREON. IN CASE OF CONFLICT WITH THE STANDARD SPECIFICATIONS AND ANY NOTES HEREON, THE NOTES HEREON SHALL TAKE PRECEDENCE OVER AND BE USED IN LIEU OF SUCH CONFLICTING PORTIONS. SAID SPECIFICATIONS SHALL APPLY BUT NOT BE LIMITED TO THE FOLLOWING:
 - ALL CONCRETE SHALL BE CLASS "B" AS IN ACCORDANCE WITH SECTION 90 AND SHALL HAVE AT LEAST 5000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS OTHERWISE SPECIFIED.
 - ASPHALTIC CONCRETE SHALL BE TYPE "B", MEDIUM GRADED, 1/2" MAXIMUM AGGREGATE, AND PRIMARILY MIXED WITH 5% ASPHALT.
- IN THE EVENT CONSTRUCTION STAKING IS BASED ON MARTIN-MONTOSH'S PLANS, DRAWINGS, OR OTHER DOCUMENTS IS PERFORMED BY ANOTHER FIRM, MARTIN-MONTOSH SHALL BE HELD HARMLESS FROM ALL LIABILITY ARISING FROM THE USE OF SAID PLANS, DRAWINGS, OR OTHER DOCUMENTS.
- MARTIN-MONTOSH SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USES OF, THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE APPROVED, IN WRITING, BY MARTIN-MONTOSH.
- ALL GRADING SHALL CONFORM TO THE RECOMMENDATIONS CONTAINED IN, AND MADE A PART HEREOF, THE PRELIMINARY REPORT PREPARED BY RSK & ASSOCIATES, INC., PROJECT JOB NO. 0300018, DATED MAY 5, 1997, AND ALL ADDENDUMS THERETO. IN CASE OF A CONFLICT BETWEEN THE PLANS, SPECIFICATIONS, AND SOIL RECOMMENDATIONS, THE MORE STRINGENT REQUIREMENTS SHALL TAKE PRECEDENCE.
- UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL SOILS REPORT SHALL BE PREPARED BY THE SOIL ENGINEER.
- THE SOIL ENGINEER SHALL REVIEW ALL EXCAVATIONS PRIOR TO BACKFILLING AND SHALL BE NOTIFIED OF ANY ITEM ENCOUNTERED DURING THE GRADING OPERATIONS THAT MIGHT AFFECT FOUNDATION STABILITY. SO RECOMMENDATIONS CAN BE MADE BY THE SOIL ENGINEER.
- CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 2:1.
- ALL SLOPES GREATER THAN THREE FEET IN VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO PREVENT EROSION.
- IMPORTED FILL MATERIAL SHOULD CONSIST OF ESSENTIALLY GRANULAR, SILTY SANDS WITH LOW EXPANSION POTENTIAL AND FREE OF GRASSES, WEEDS, ROCKS LARGER THAN THREE INCHES IN DIAMETER, DEBRIS, AND SOLUBLE SULFATES IN EXCESS OF 1000 PARTS PER MILLION. IMPORTED FILL SHOULD CONTAIN SUITABLE S&I AND G&I BINDER TO RENDER THEM STABLE IN FOOTING TRENCHES AND CAPABLE OF MAINTAINING SPECIFIED ELEVATION TOLERANCES DURING PAIVING OPERATIONS. IMPORTED SOILS SHOULD ALSO MEET THE FOLLOWING CRITERIA:
 - 1) PASSING #200 SIEVE: 68 BY WEIGHT, 15-40
 - 2) MAXIMUM WATER SOLUBLE SULFATE (% BY WEIGHT): 0.20
 - 3) MAXIMUM EXPANSION INDEX: 21
 - 4) MINIMUM SAND EQUIVALENT FOR PIPE BEDDING: 30
- CLEANING AND GRUBBING - REMOVE ALL DEBRIS, SUCH AS METAL TRASH, BROKEN CONCRETE, VEGETATION, OTHER BIODEGRADABLE SUBSTANCES, AND UNSUITABLE SOIL FROM AREAS TO BE GRADED. UNSUITABLE SOIL IS SOIL THAT, IN THE OPINION OF THE BUILDING OFFICIAL, SOIL ENGINEER, OR CIVIL ENGINEER, IS NOT COMPETENT TO SUPPORT OTHER SOIL OR STRUCTURES, OR TO SATISFACTORILY PERFORM ANY OTHER FUNCTIONS FOR WHICH THE SOIL IS INTENDED.
- AREAS TO RECEIVE FILL SHALL BE SCARIFIED EIGHT INCHES, BROUGHT TO AT LEAST TWO PERCENT ABOVE OPTIMUM MOISTURE CONTENT, AND UNIFORMLY COMPACTED TO AT LEAST 90% OF THE MAXIMUM DENSITY PER ASTM D1557-78, UNLESS OTHERWISE NOTED.
- ENGINEERED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING EIGHT INCHES IN UNCOMPACTED THICKNESS BROUGHT TO AT LEAST TWO PERCENT ABOVE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO 90% OF THE MAXIMUM DENSITY PER ASTM D1557-78, UNLESS SPECIFIED OTHERWISE.
- QUANTITIES FOR EARTHWORK:
 - EXCAVATION - IMPORT
 - EMBANKMENT - IMPORT
 QUANTITIES ARE FOR GRADING PERMIT ONLY. THE ENGINEER MAKES NO WARRANTY OF THE ANTICIPATED SHRINKAGE FACTOR. THE CONTRACTOR SHALL NOT USE THESE QUANTITIES TO BASE HIS BID ON.
- CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS IN FIELD BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES THAT WILL AFFECT THE PLAN TO EXISTING IMPROVEMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.



BENCH MARK:
CHISELED "C" ON THE TOP OF CURB LOCATED 5' SOUTH OF THE SOUTHWEST PROPERTY CORNER.
ELEVATION = 423.51' (CITY DATUM)



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34TH STREET COMMUNITY SCHOOL EXPANSION

222 34TH STREET
BAKERSFIELD, CA

KERN COUNTY SUPERINTENDENT OF SCHOOLS

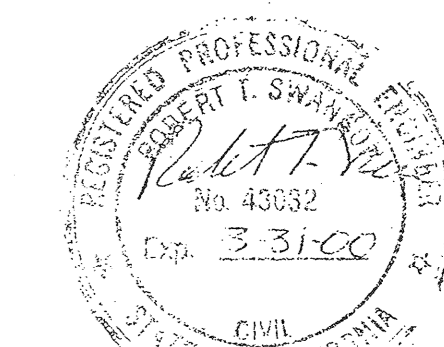
ISSUED FOR B.P. #17, #20, #24

GRADING PLAN NORTH HALF

job no.	97-120
date	5/27/97
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C 1.02

ISSUED FOR BID PACKAGE NOS. 5, 6, 11, 12, AND 13



7-22-97

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34TH STREET COMMUNITY SCHOOL EXPANSION

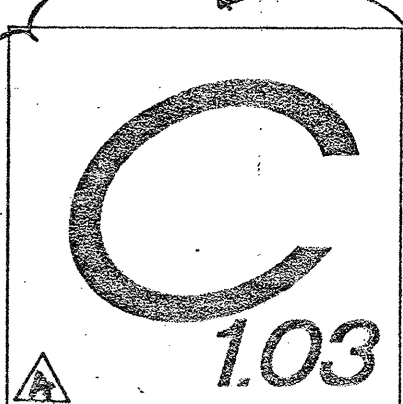
222 34TH STREET
BAKERSFIELD, CA

KERN COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

FIRE WATER LINE EXTENSION / SEWER LIFT STATION

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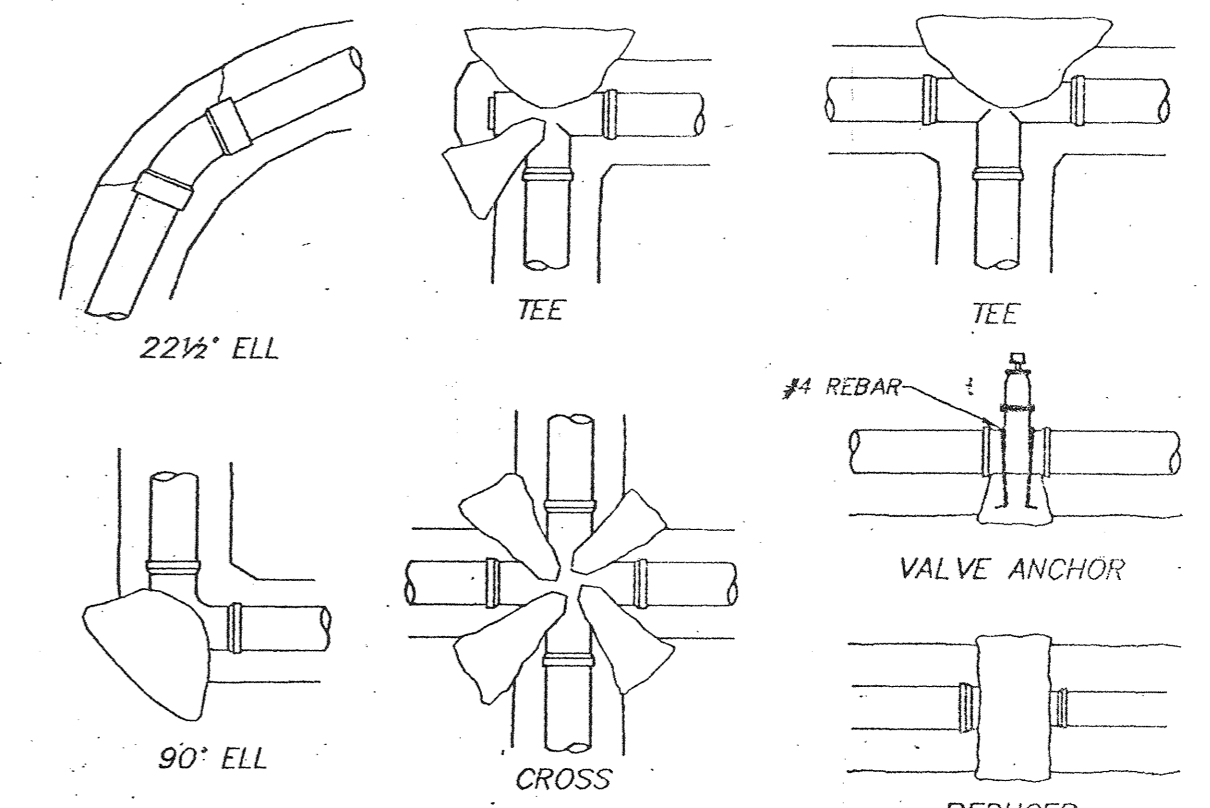
- GENERAL NOTES:**
- CONTRACTOR SHALL MAINTAIN THE OPERATION OF THE EXISTING SEPTIC TANK, LEACH FIELD AND SEEPAGE PITS UNTIL THE LIFT STATION IS IN OPERATION.
 - CONTRACTOR SHALL BE RESPONSIBLE TO BACKFILL TRENCH AT 90% COMPACTION (TOP 8" AT 95%) TO WITHIN 8-1/2" OF EXISTING FINISH PAVEMENT TO ALLOW FOR FUTURE PAVEMENT SECTION.

- WATERLINE NOTES:**
- 10" WATER MAIN SHALL BE AWWA CLASS 150 WATERLINE.
 - ALL FITTINGS SHALL BE THRUST BLOCKED WITH CLASS B CONCRETE. (K = 2000 P.S.I.)
 - WATER MAIN SHALL BE SANITIZED IN ACCORDANCE WITH AWWA AND LOCAL HEALTH STANDARDS.
 - WATER MAIN SHALL BE PRESSURE TESTED FOR 150 P.S.I. IN ACCORDANCE WITH AWWA.
 - GATE VALVES SHALL BE AWWA CERTIFIED.
 - FIRE HYDRANTS SHALL BE PURCHASED FROM CITY OF BAKERSFIELD FIRE DEPARTMENT.
 - ALL CONNECTIONS TO CALIFORNIA WATER SERVICE COMPANY MAIN SHALL BE IN ACCORDANCE WITH THAT UTILITY REQUIREMENTS.

- SEWER NOTES:**
- 4" SEWER LINES SHALL BE STREAMLINE SOLVENT WELD SCHEDULE 40 PVC ASTM D1585, AS SHOWN ON PLANS. 2" FORCE MAIN SEWER LINES SHALL BE STREAMLINE SOLVENT WELD SCHEDULE 40 PVC. SEWER SHALL BE TRUE TO THE LINE AND GRADE AND WELL SUPPORTED THROUGHOUT RUN IN TRENCH.
 - GRAVITY FLOW SEWER PIPING SHALL BE AIR TESTED FOR A MINIMUM OF FOUR MINUTES WITH A PRESSURE DROP NOT GREATER THAN 0.5 P.S.I. (FROM 10 TO 9.5 P.S.I.)
 - CONNECTION TO CITY SEWER SHALL BE IN ACCORDANCE WITH CITY OF PUBLIC WORKS PERMITTING PROCEDURES. CONNECTION TO MANHOLE WITH FORCE LINE SHALL BE UTILIZING A RUBBER GASKET AROUND THE PIPE MORTARED INTO THE WALL OF THE MANHOLE.
 - INSTALLATION OF ALL PLASTIC SEWER SHALL BE IN ACCORDANCE WITH "UN-BELL PLASTIC PIPE ASSOCIATION" RECOMMENDED PRACTICE BULLETIN UN-B-6-79.
 - PRESSURE CLEANOUTS SHALL BE PLUMBED TO PROVIDE A FULLY WATER TIGHT STRUCTURE. PLUG ON TOP OF CLEANOUT SHALL BE TAGGED; "CAUTION-PRESSURIZED SEWER-DO NOT OPEN UNLESS PUMP STATION IS SHUT OFF".
 - 2" PVC FORCE MAIN SHALL BE PRESSURE TESTED TO 100 P.S.I.

BENCH MARK:
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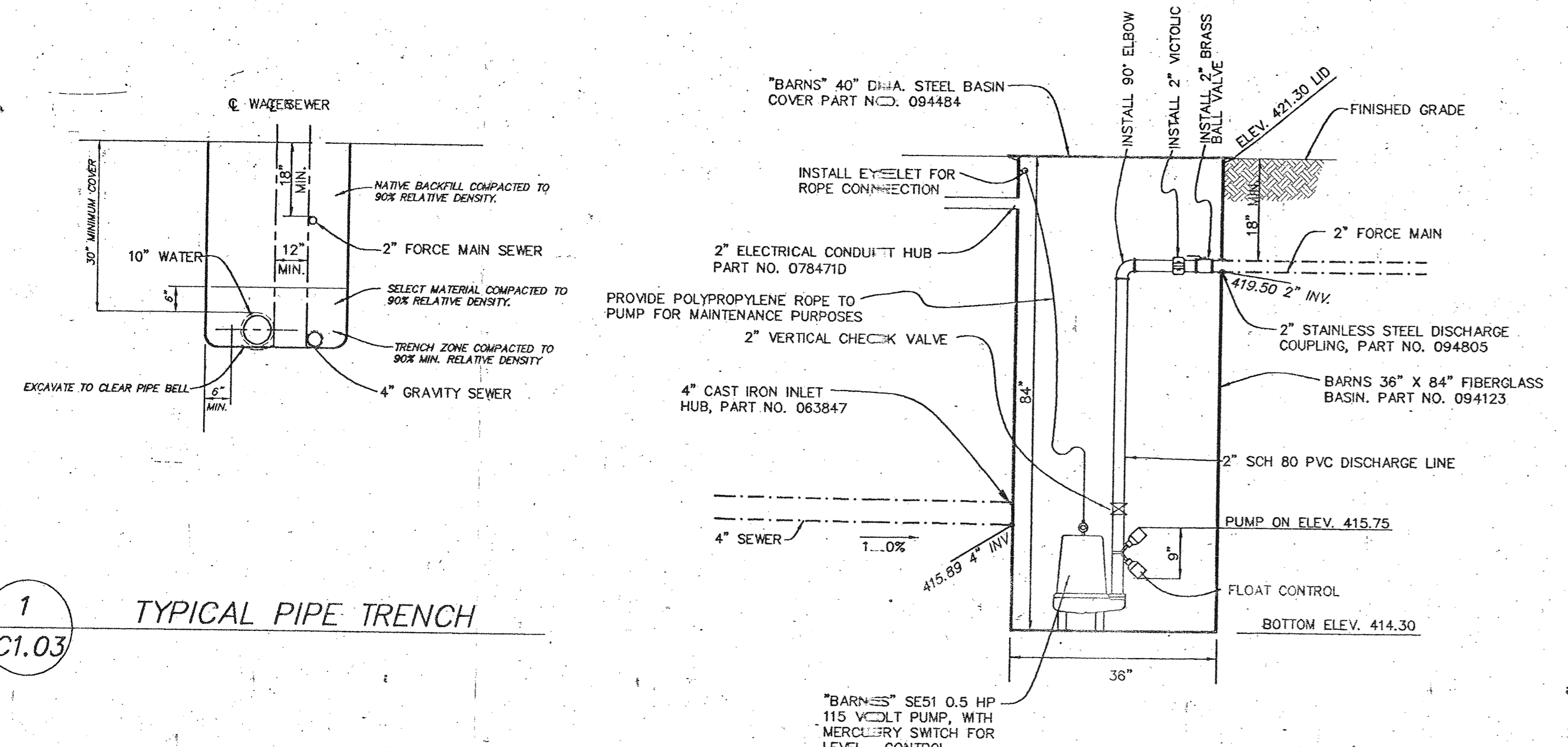
- LEGEND:**
- SEWER MANHOLE
 - SEWER CLEANOUT
 - SEWER LINE
 - WATERLINE
 - SAWCUT



PIPE SIZE	TEE OR 90° ELL	45° ELL	22 1/2° ELL
4"	2	2	1
6"	3	4	2
8"	5	7	4
10"	8	11	6
12"	11	16	8

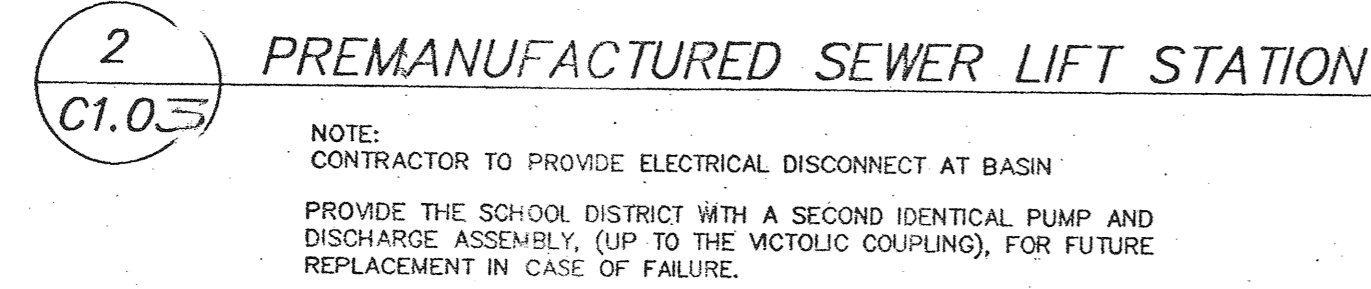
- NOTES:**
- ALL VALVES, FITTINGS, AND DIRECTIONAL CHANGES ARE TO BE HELD IN PLACE BY CONCRETE THRUST BLOCKS.
 - BEARING AREAS INDICATED ARE BASED ON ALLOWABLE SOIL PRESSURE OF 1500 P.S.F.
 - CONCRETE IS NOT TO BEAR AGAINST PIPE. THRUST BLOCK TO ONLY BE IN CONTACT WITH FITTING.

THRUST BLOCK DETAIL
NO SCALE



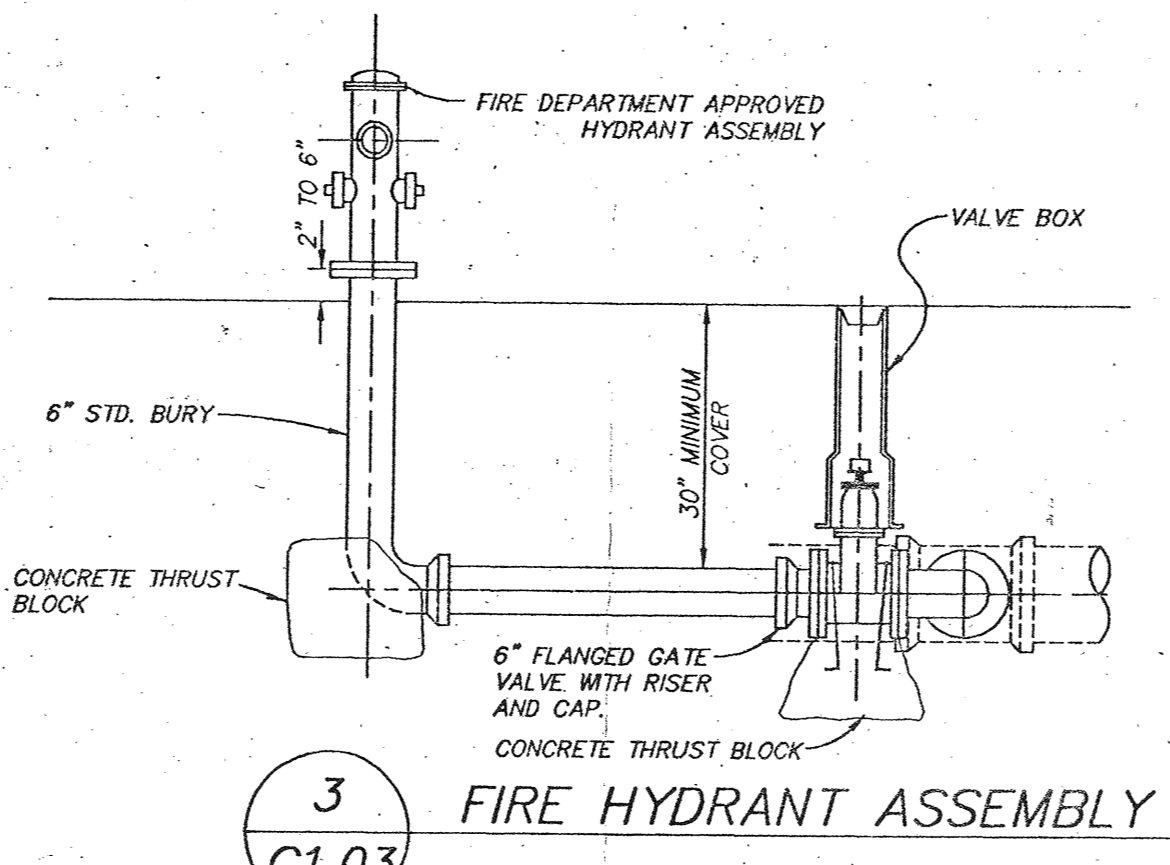
1 C1.03 TYPICAL PIPE TRENCH

SIZE	2"
CAPACITY	20 GPM
TOTAL HEAD	18 FEET
HORSEPOWER	10.5 HP
PUMP SPEED	1750 RPM
POWER SUPPLY	1 PHASE, 115 VOLTS

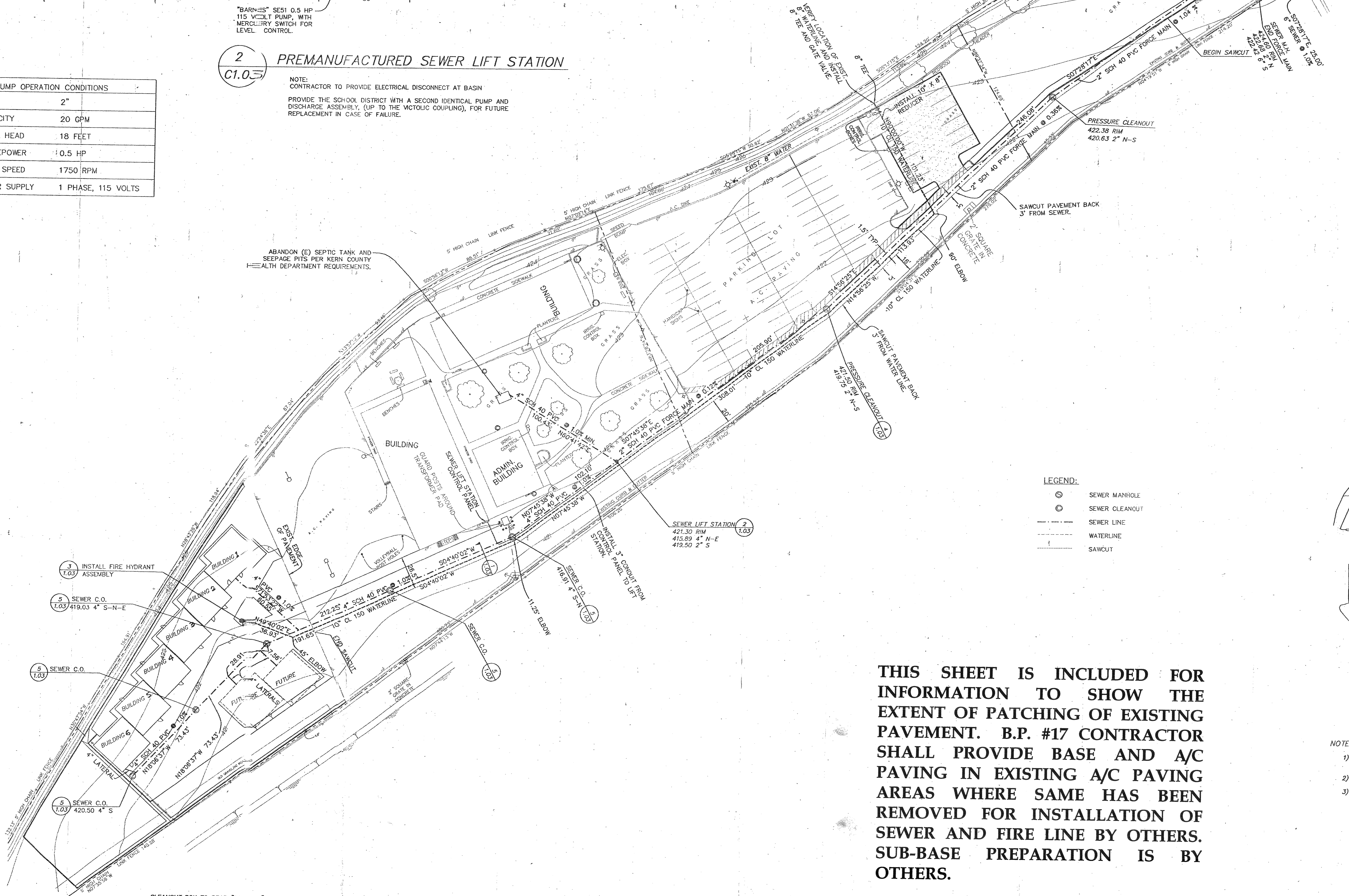


2 C1.03 PREMANUFACTURED SEWER LIFT STATION

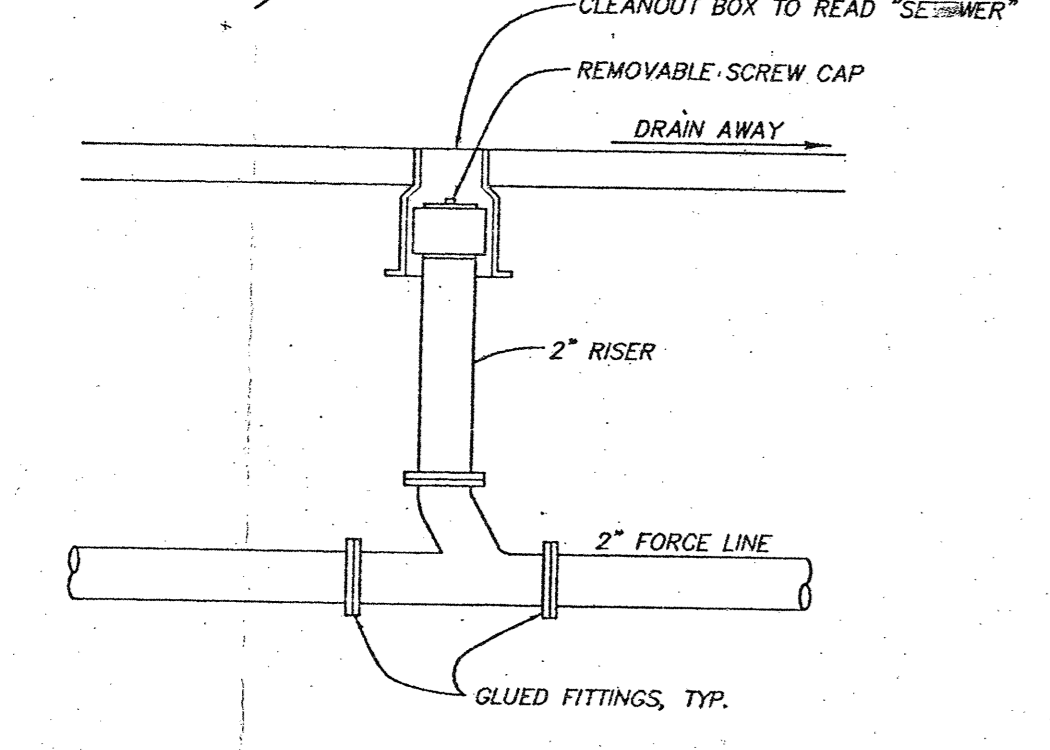
NOTE:
CONTRACTOR TO PROVIDE ELECTRICAL DISCONNECT AT BASIN
PROVIDE THE SCHOOL DISTRICT WITH A SECOND IDENTICAL PUMP AND DISCHARGE ASSEMBLY, (UP TO THE VICTOLIC COUPLING), FOR FUTURE REPLACEMENT IN CASE OF FAILURE.



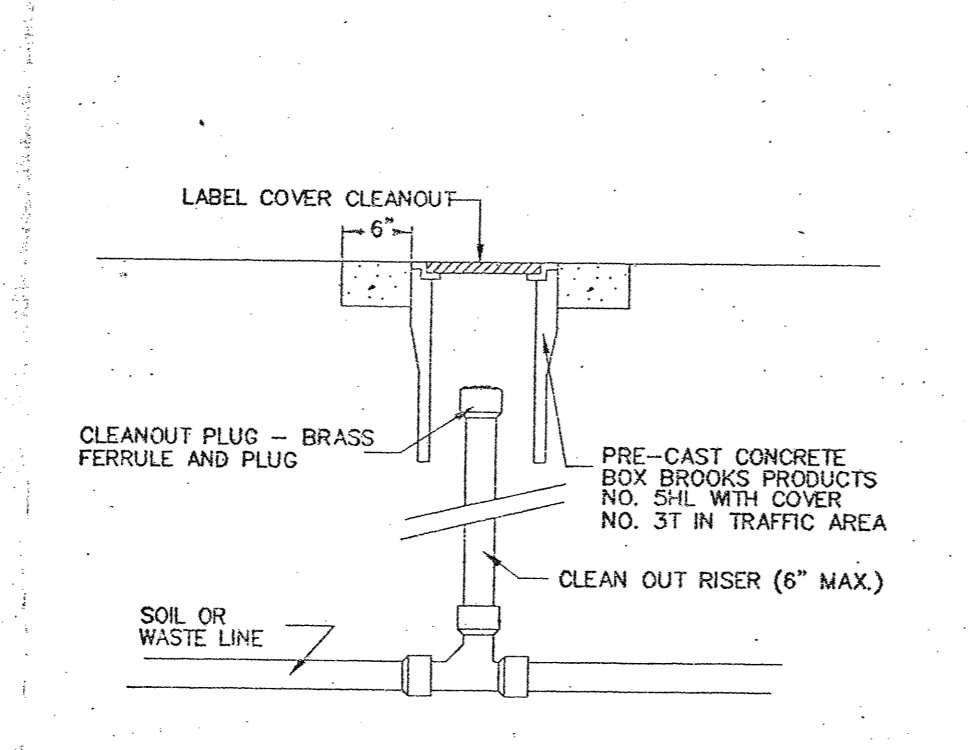
3 C1.03 FIRE HYDRANT ASSEMBLY



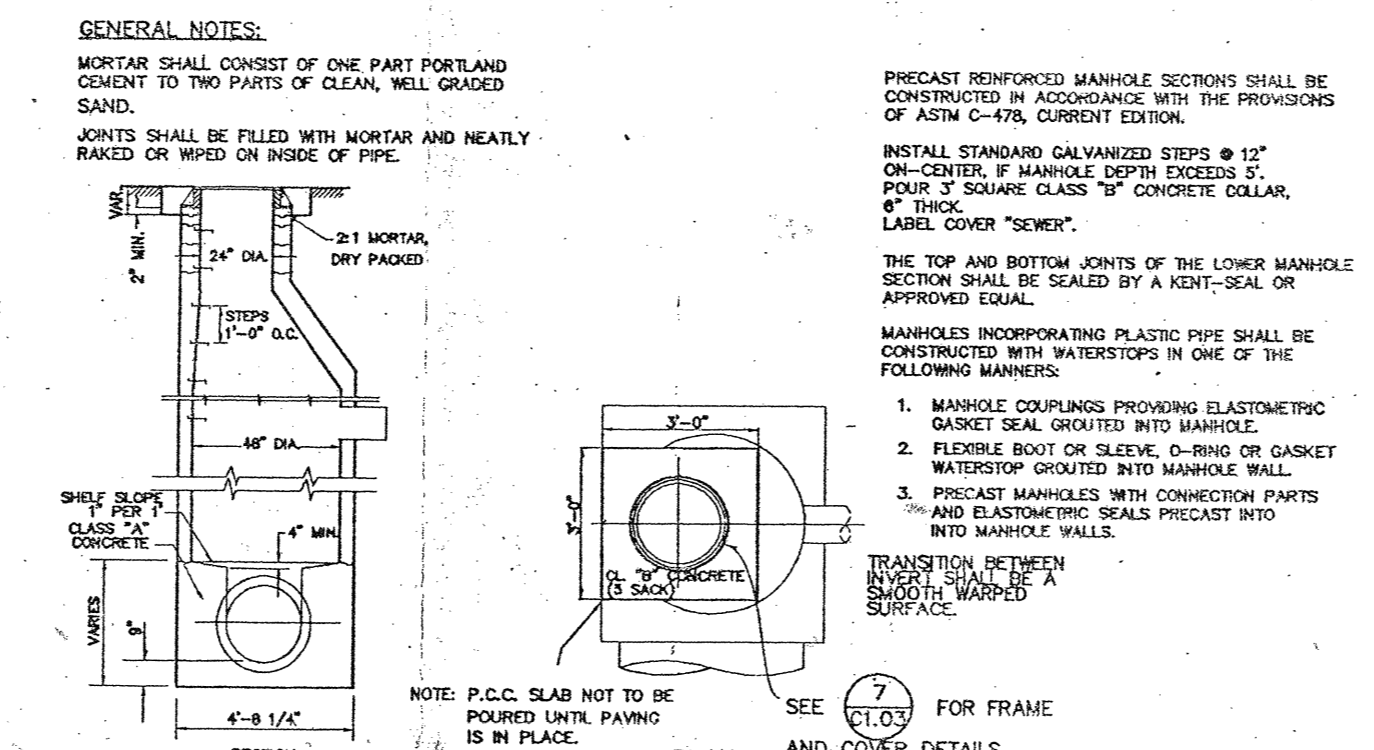
THIS SHEET IS INCLUDED FOR INFORMATION TO SHOW THE EXTENT OF PATCHING OF EXISTING PAVEMENT. B.P. #17 CONTRACTOR SHALL PROVIDE BASE AND A/C PAVING IN EXISTING A/C PAVING AREAS WHERE SAME HAS BEEN REMOVED FOR INSTALLATION OF SEWER AND FIRE LINE BY OTHERS. SUB-BASE PREPARATION IS BY OTHERS.



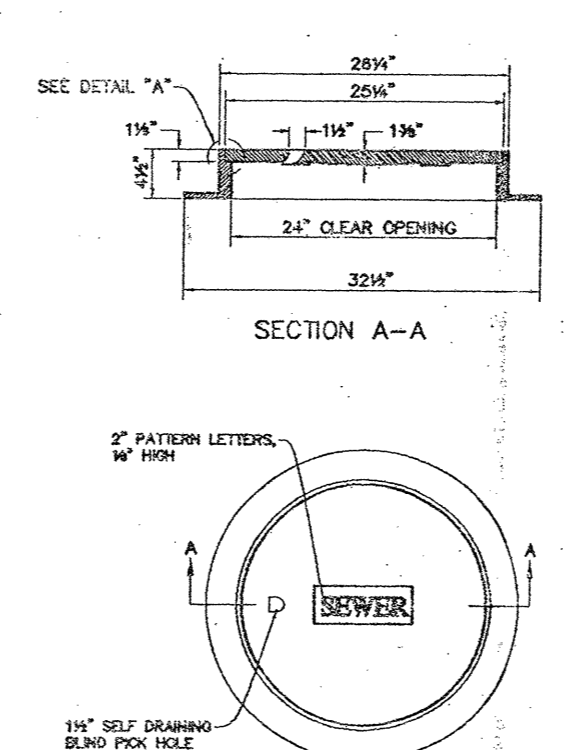
4 C1.03 PRESSURE CLEANOUT



5 C1.03 SEWER CLEANOUT



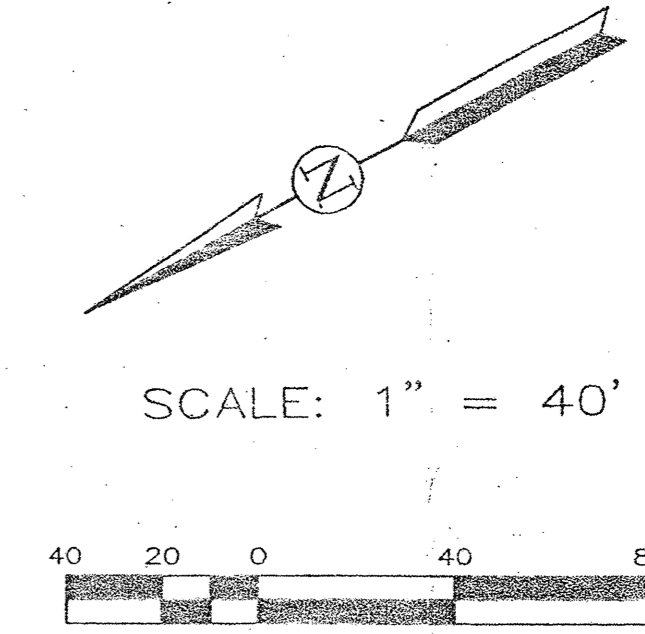
6 C1.03 MANHOLE W/ ECCENTRIC CONE



7 C1.03 MANHOLE FRAME & COVER

GENERAL NOTES:

- PRECAST REINFORCED MANHOLE SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C-478, CURRENT EDITION.
- INSTALL STANDARD GALVANIZED STEPS 8" ON CENTER, IF MANHOLE DEPTH EXCEEDS 2'. PROVIDE CLASS "B" CONCRETE COLLAR, LABEL COVER NUMBER.
- THE TOP AND BOTTOM JOINTS OF THE LOWER MANHOLE SECTION SHALL BE SEALED BY A RUBBER SEAL OR APPROVED EQUAL.
- MANHOLES INCORPORATING PLASTIC PIPE SHALL BE CONSTRUCTED WITH WATERSTOP IN ONE OF THE FOLLOWING MANNERS:
 - MANHOLE COLLARS PROVIDING ELASTOMERIC GASKET SEAL, MOUNTED INTO MANHOLE.
 - FERRULE JOINT OR SLAVE, G-RING OR GASKET.
 - FERRULE JOINT OR SLAVE INTO MANHOLE WALL AND ELASTOMERIC SEAL CONNECTION PARTS INTO MANHOLE WALL. SEAL PRECAST JOINT.
- TRANSITION BETWEEN MANHOLE SECTIONS SHALL BE MADE BY A SMOOTH HIGH-RADIUS FIT BETWEEN THE TWO CASTINGS.
- ALL FRAMES AND COVERS SHALL BE TOUGH, GRAY CAST IRON, FREE FROM SAND, GRAVEL, SHELLS, AND COLD-SPOT AND SHALL HAVE A WORKMANLIKE FINISH. CASTINGS SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS FOR GRAY-IRON CASTINGS (SEAL DESIGNATION ASTM-A818(F150)), CLASS NO. 30B.
- ALL FRAMES AND COVERS SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS PRIOR TO DELIVERY. THE SEATS OF FRAMES AND BEARING FACES OF THE COVERS SHALL BE MACHINED FOR A SMOOTH HIGH-RADIUS FIT BETWEEN THE TWO CASTINGS.
- COVERS SHALL BE THOROUGHLY CLEANED AND DIPPED IN A BLACK BITUMASTIC OR BITUMASTIC COMPOUND TO FORM A PROTECTIVE COATING.
- THE NAME OF MANUFACTURING COMPANY SHALL BE ON THE UNDER SIDE OF THE COVER.
- MANHOLE FRAMES SHALL WEIGH NOT LESS THAN 120 POUNDS OR MORE THAN 200 POUNDS. THE COVERS SHALL WEIGH NOT LESS THAN 120 POUNDS OR MORE THAN 200 POUNDS. MANHOLE COVERS SHALL HAVE A SELF-DRAINING BLEND FOR WALK OF SOME TYPE.



SCALE: 1" = 40'



KEYNOTES

- 101 REMOVE & REPLACE (E) CHAIN LINK FENCING (6'-0" HIGH)
- 102 (E) AC PAVING TO REMAIN
- 103 AC PAVING (SEE C1.03 FOR PAVING SECTION)
- 104 CONCRETE CURB/GUTTER (SEE DETAIL 1/C1.02)
- 105 CONCRETE "V" GUTTER (SEE DETAIL 3/C1.02)
- 106 CONCRETE SIDEWALK (SEE DETAIL 11/A1.02)
- 107 FUTURE LANDSCAPE AREA
- 108 CHAIN LINK FENCING (6'-0" HIGH W/ 12'-0" PR GATE)
- 109 PAINTED WHITE LINES (2" WIDE)
- 110 REDWOOD HEADER (SEE DETAIL 4/C1.02)
- 111 CHAIN LINK FENCING (6'-0" HIGH W/ 6'-0" PR GATE)
- 112 SLEEVE FOR BASKETBALL (4-1/2" O.D. POST)
- 113 SLEEVE FOR VOLLEYBALL (2-7/8" O.D. POST)
- 114 REMOVE (E) AC PAVING, PATCH & REPAIR AFTER INSTALLATION OF CONC. WALK

7-14-97 ADDENDUM NO. 6

bfgc architects planners inc.
bakersfield

5500 ming avenue, suite 450, bakersfield ca. 93309-4631
805 836-4300 fax 805 836-4311

san luis obispo

3211 broad street suite 113
san luis obispo, california 93401
805 546-0433

san jose

160 west santa clara st. suite 525
san jose, california 95113
408 924-0841

principal architects

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frank a. ghezzi, a.i.a.	C-3132	bruce m. biggar, a.i.a.	C-28134
mark ingram, a.i.a.	C-8021	brad a. henderson, a.i.a.	C-10591
william r. tuohet, a.i.a.	C-8702	richard l. mello, a.i.a.	C-18078

34TH STREET COMMUNITY SCHOOL EXPANSION

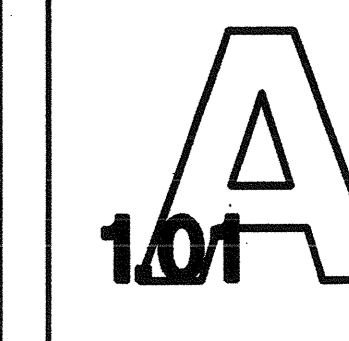
222 34TH STREET
BAKERSFIELD, CA

KERN COUNTY SUPERINTENDENT OF SCHOOLS

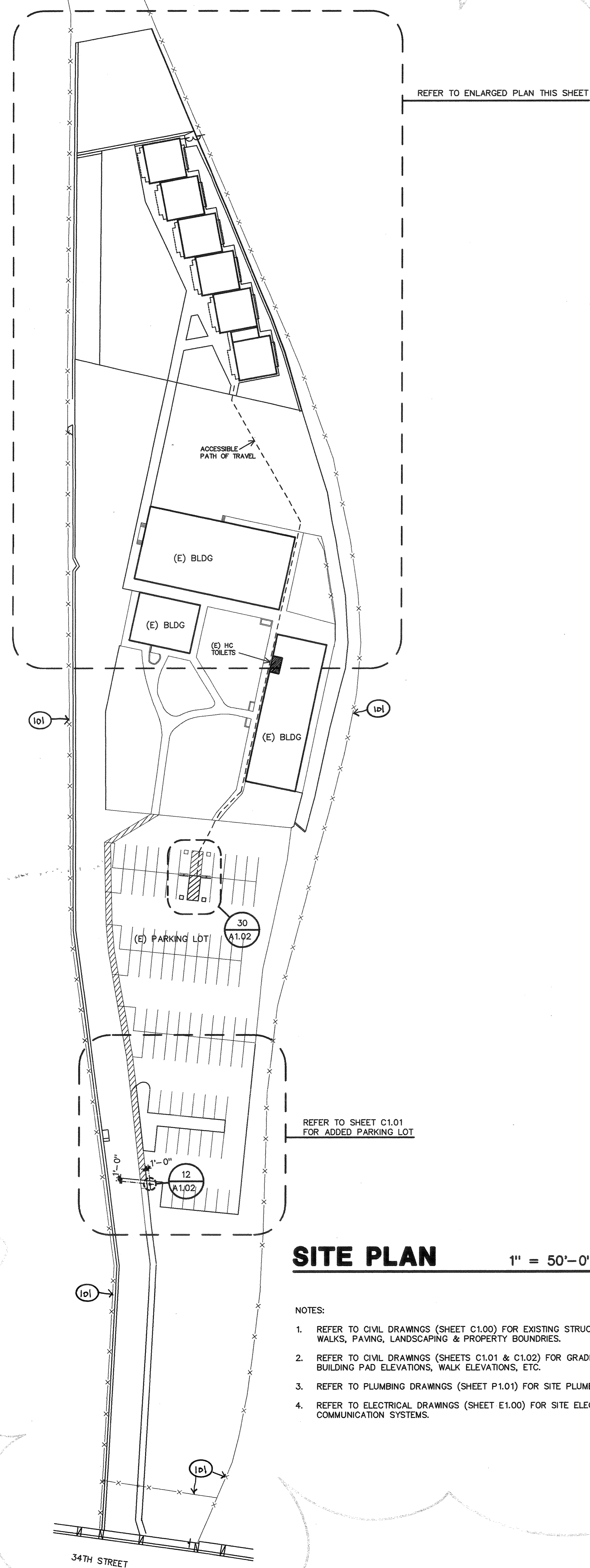
ISSUED FOR B.P. #17, #20, #24

SITE PLAN

job no.	97-120
date	05-28-97
drawn by	R. TROST
chk'd by	R. TROST
copyright	1997

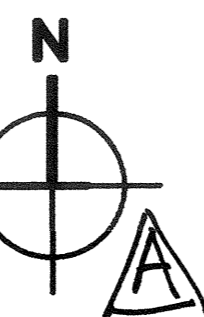


1" = 20'-0"
PLOT DATE: 7-16-97
PATH: NAME: \DRAWING\97-120\7120510.dwg



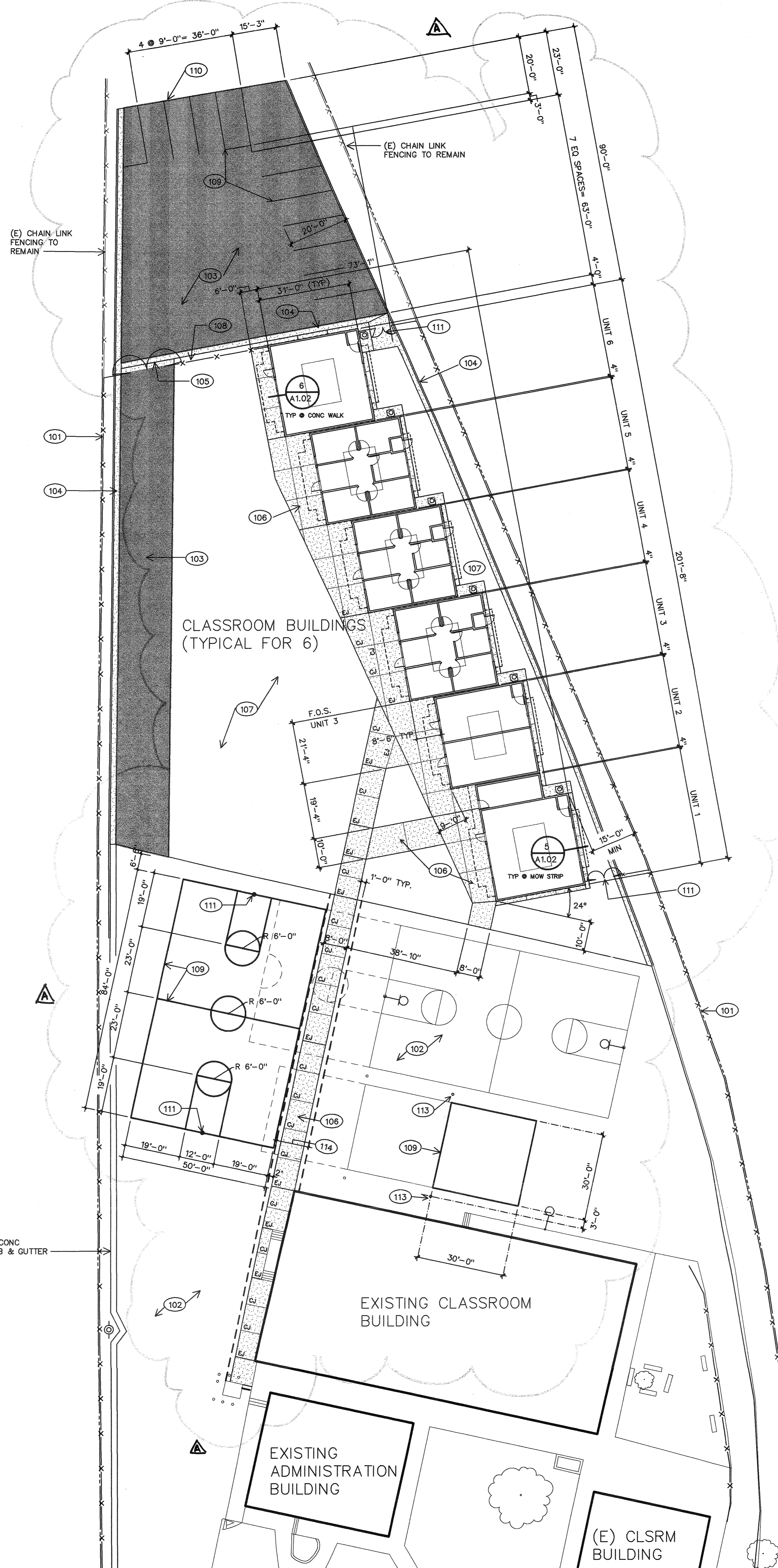
SITE PLAN

1" = 50'-0"



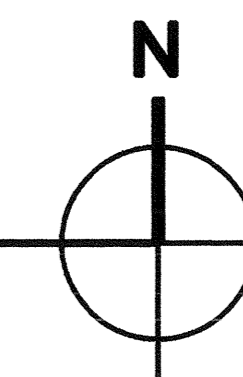
NOTES:

1. REFER TO CIVIL DRAWINGS (SHEET C1.00) FOR EXISTING STRUCTURES, WALKS, PAVING, LANDSCAPING & PROPERTY BOUNDARIES.
2. REFER TO CIVIL DRAWINGS (SHEETS C1.01 & C1.02) FOR GRADING, INCLUDING BUILDING PAD ELEVATIONS, WALK ELEVATIONS, ETC.
3. REFER TO PLUMBING DRAWINGS (SHEET P1.01) FOR SITE PLUMBING.
4. REFER TO ELECTRICAL DRAWINGS (SHEET E1.00) FOR SITE ELECTRICAL & COMMUNICATION SYSTEMS.



ENLARGED SITE PLAN

1" = 20'-0"





KEYNOTES

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principal architects
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 mark engelbrecht, a.i.a. C-80271 brad a. henderson, a.i.a. C-10861
 william r. tuzolet, a.i.a. C-8702 richard l. mello, a.i.a. C-18079

34TH STREET COMMUNITY SCHOOL EXPANSION

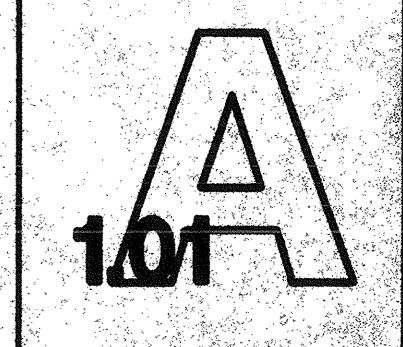
222 34TH STREET
 BAKERSFIELD, CA

KERN COUNTY SUPERINTENDENT OF SCHOOLS

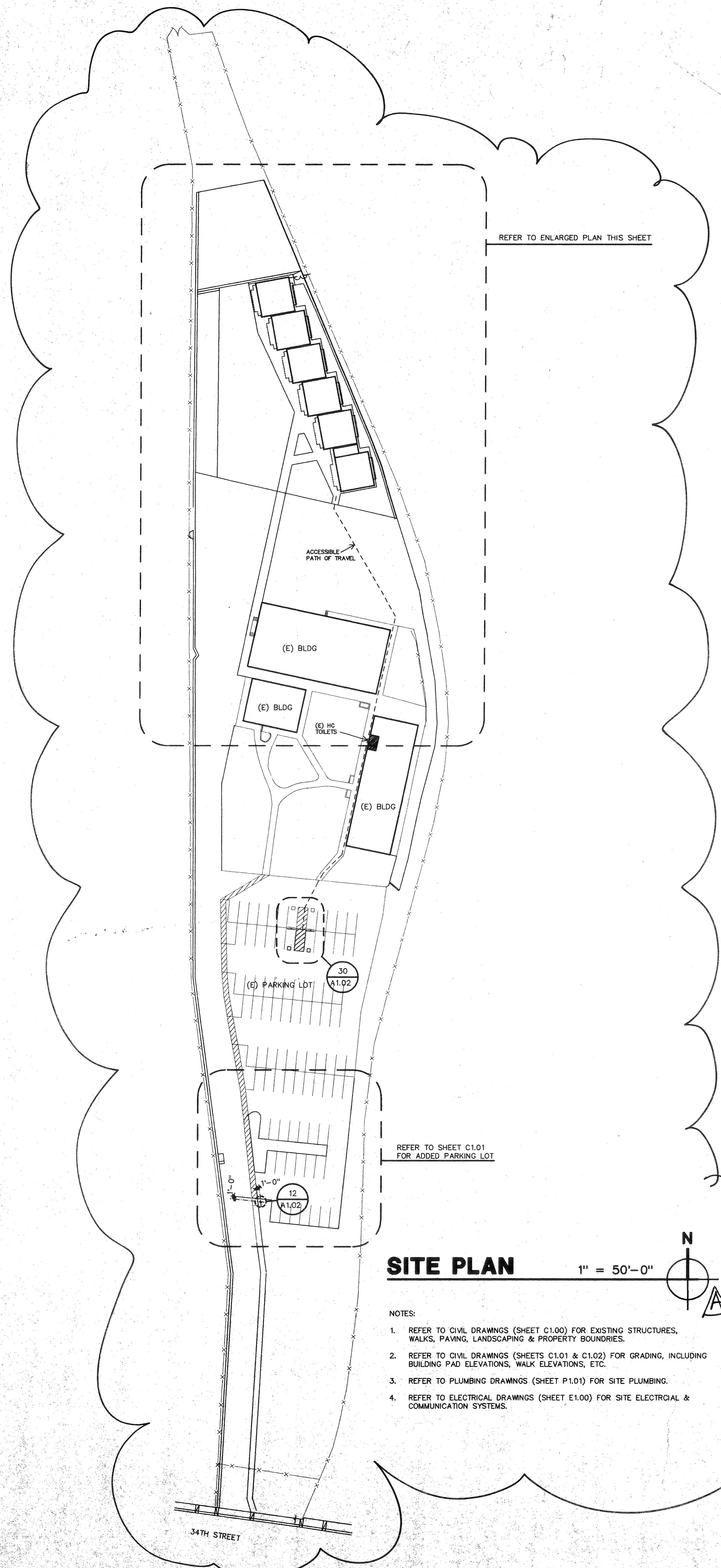
ISSUED FOR B.P. #17, #20, #24

SITE PLAN

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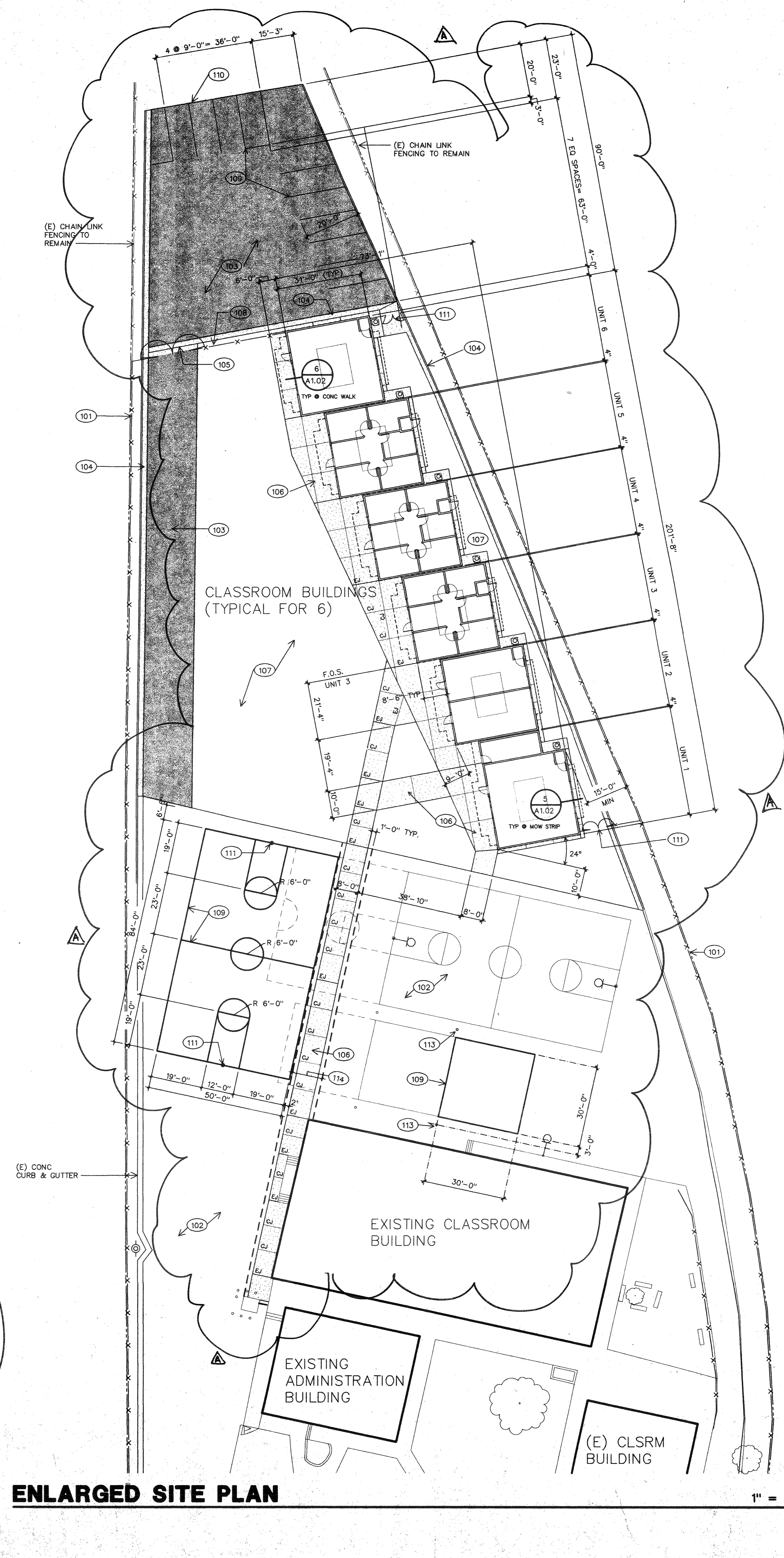


1" = 20'-0"
 PLOT DATE: 7-16-97
 PLOT NAME: \DRAWING\97-120\720501.dwg



SITE PLAN 1" = 50'-0"

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ENLARGED SITE PLAN

1" = 20'-0"

PERFORMANCE CERTIFICATE OF COMPLIANCE (part 1 of 3) PERF-1 page 3 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Address: 222 34th Street Bakersfield, California Building Permit No
 Designer: BFGC Architect Planners, Inc. Checked by / Date
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

STATEMENT OF COMPLIANCE
 This Certificate of Compliance lists the Building features and performance specifications needed to comply with Title 24, Parts 1 and 6, of the State Building Code. This certificate applies only to a Building using the performance compliance approach.

The Principal Designers hereby certify that the proposed building design represented in the construction documents and modeled for this permit application are consistent with all other forms and worksheets, specifications, and other calculations submitted with this permit application. The proposed building as designed meets the energy efficiency requirements of the State Building Code, Title 24, Part 6, Chapter 1.

- I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed as a civil engineer, mechanical engineer, electrical engineer or architect.
- I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section 5537.2 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a licensed contractor preparing documents for work that I have contracted to perform.
- I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section 5537.2 of the Business and Professions Code to sign this document as the person responsible for its preparation; and for the following reason:

SCOPE OF COMPLIANCE (Designers should circle applicable paragraph numbers)

ENVELOPE - Required Forms: ENV-1, ENV-2
 Location of Mandatory Measures on Plans
 Principal Designer: BFGC Architect Planners, Inc. (Signature) (Date) (Circle)

LIGHTING - Required Forms: LTG-1, LTG-2
 Location of Mandatory Measures on Plans
 Principal Designer: Interstate Engineering (209) 432-4490 (Signature) (Date) (Circle)

MECHANICAL - Required Forms: MECH-1, MECH-2, MECH-3, MECH-4
 Location of Mandatory Measures on Plans
 Principal Designer: Lawrence-Nye-Becker Associates (Signature) (Date) (Circle)

PERFORMANCE CERTIFICATE OF COMPLIANCE (part 2 of 3) PERF-1 page 4 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

ANNUAL SOURCE ENERGY USE SUMMARY (kBtu/sqft-yr)

Energy Component	Standard Design	Proposed Design	Compliance Margin
Space Heating	11.55	14.04	-2.49
Space Cooling	54.75	35.30	19.44
Indoor Fans	38.23	24.14	14.09
Heat Rejection	0.00	0.00	0.00
Pumps	0.00	0.00	0.00
Domestic Hot Water	12.59	12.59	0.00
Lighting	53.03	42.88	10.15
Receptacle	16.92	16.92	0.00
Process	29.90	29.90	0.00
TOTALS	216.97	175.74	41.23

GENERAL INFORMATION
 Conditioned Floor Area: 5940 Compliance Method: COMPLY 24 v5.05
 Average Ceiling Height: 10.0 Location: Bakersfield AP
 Glass Area / Wall Area: 0.06 Climate Zone: 13
 Average Glazing U-Value: 1.13
 Front Orientation: 0 deg (N)
 Number of Stories: 1
 Number of Zones: 3
 Number of Occupancies: 1

ZONE INFORMATION

Zone Name	Floor Area (sqft)	Display (ft)	Inst LPD (w/sf)	Tailored Lighting (watts)	Process (w/sf)	Tailored Vent. (y/n)
Special Ed Classroom	1980	0	1.33	0	1	N
Special Ed/Tech Cr.	2970	0	1.28	0	1	N
Office Building	2970	0	1.60	0	3	N

PERFORMANCE CERTIFICATE OF COMPLIANCE (part 3 of 3) PERF-1 page 5 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

The documentation preparer hereby certifies that the documentation is accurate and complete.
 DOCUMENTATION AUTHOR: Seth Walzner (209) 226-0101 (Signature) (Date)

EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST
 The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

Special Ed Classroom 0.65 w/sf Process Load has been Input (See MECH-5)
 Special Ed/Tech Cr. 1.30 w/sf Process Load has been Input (See MECH-5)
 Office Building 2.66 w/sf Process Load has been Input (See MECH-5)

BUILDING DEPARTMENT APPROVAL OF EXCEPTIONAL FEATURES JUSTIFICATION:
 The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant.
 authorized signature or stamp

CERTIFICATE OF COMPLIANCE - Envelope ENV-1 page 6 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

OPAQUE SURFACES

Assembly Name	Const Type	Location/Comments	Note to Field
Wood Stud w/ R-19	Wood		
R-30 Roof (R.30.2x12.16)	Wood		
Carpeted Slab On Grade	None		

FENESTRATION

Orient	Panes	Frame Type	Exterior Shade	OH	Glazing Type
Left (E)	1	Metal	None	N	Single Pane Bronze
Left (W)	1	Metal	None	Y	Single Pane Bronze
Right (W)	1	Metal	None	Y	Single Pane Bronze

CERTIFICATE OF COMPLIANCE - Lighting LTG-1 page 7 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

INSTALLED LIGHTING SCHEDULE

Name	Lamp Type	No of Lamps	Watts/Lamp	Ballast Type	Ballasts/Luminaire	No of Fixt.	Note to Field
A	Fluorescent	3	32	Electronic	1.0	79	
B	Fluorescent	8	32	Electronic	1.0	4	
D	Fluorescent	3	17	Electronic	1.0	10	

MANDATORY AUTOMATIC CONTROLS

Control Location	ID	Control Type	Zone Controlled	Note to Field

CONTROLS FOR CREDIT

Control Location	ID	Control Type	Zone Controlled	Note to Field

CERTIFICATE OF COMPLIANCE - Mechanical (part 1 of 2) MECH-1 page 8 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

SYSTEM FEATURES

Zone Name	F-1, CU-1	Note to Field
Time Control	M	
Setback Control	Both	
Hot Isolation Zones	N/A	
HP Thermostat	N/A	
Electric Heat	N/A	
Fan Control	Constant Volume	
VAV Min Position	N/A	
Simul. Heat/Cool	N/A	
Heat Supply Reset	Constant Temp	
Cool Supply Reset	Constant Temp	
Ventilation	No Economizer	
OA Damper Control	1901	
Economizer Type	Gas Furnace	
Outdoor Air CFM	Carrier 58 WAV 091-16	
Heat Equip Type	DX	
Make & Model No.	Carrier 38 TRA 048	
Cool Equip Type		
Make and Model		

CERTIFICATE OF COMPLIANCE - Mechanical (part 2 of 2) MECH-1 page 9 of 17
 Run Initiation Time: 13:52:18 Runcode: 2975-582381184
 Project Name: KCSS - 34th St. Community School Expans Date: 5/22/1997
 Documentation: LAWRENCE-NYE-BECKER ASSOC COMPLY 24 User 2975

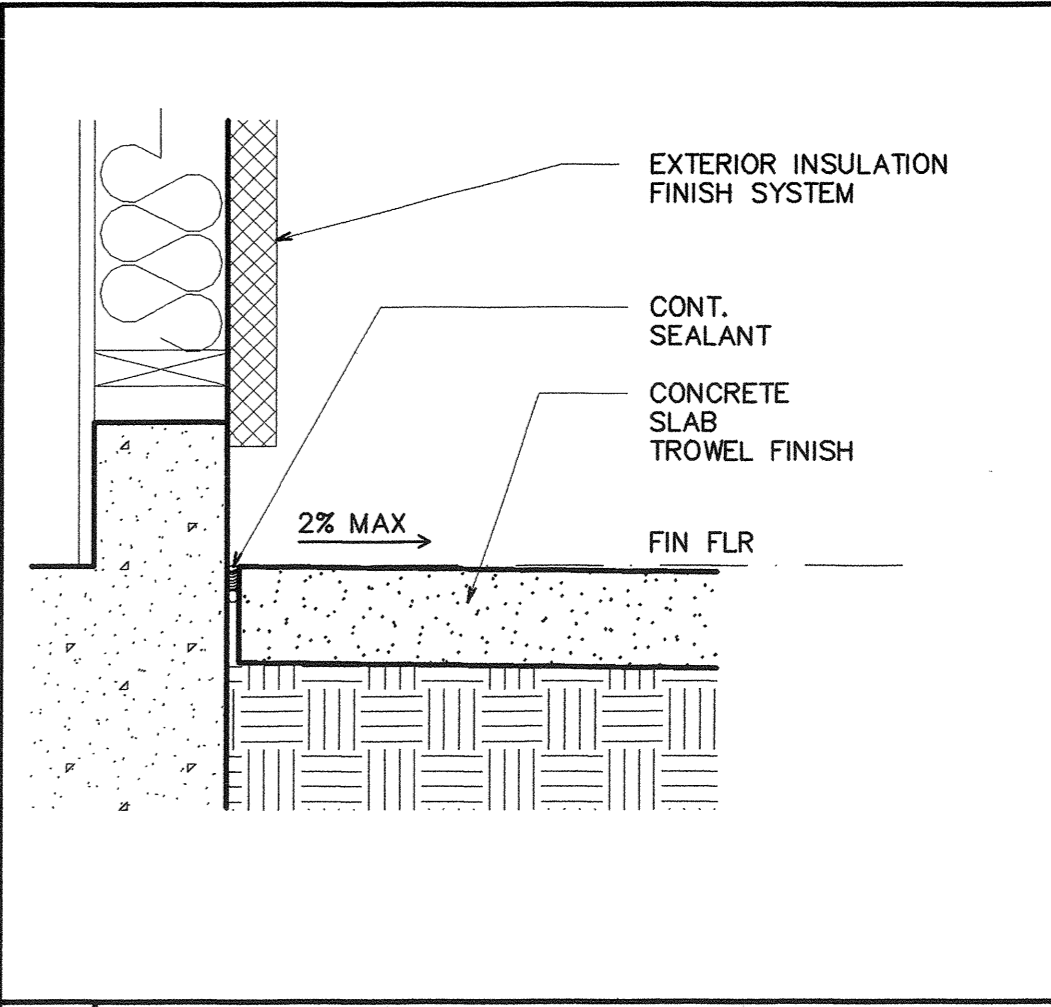
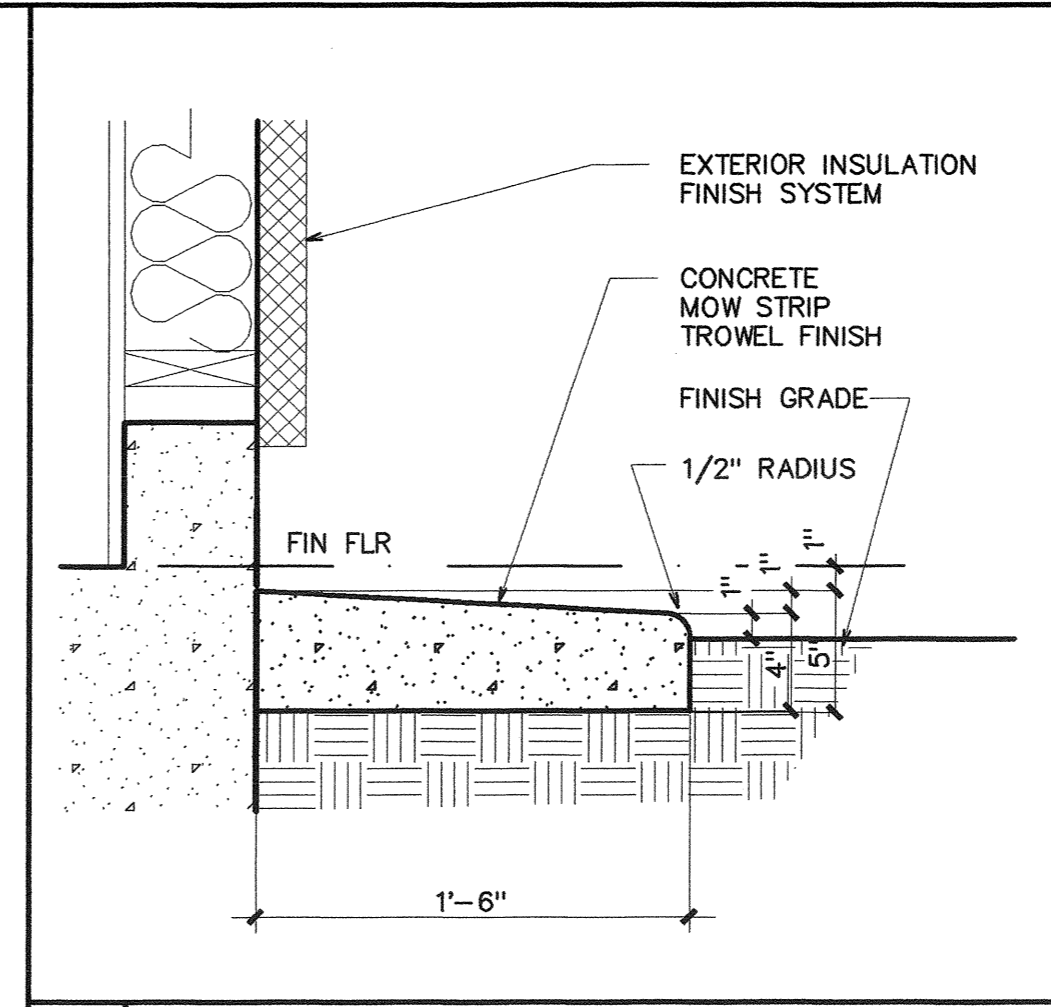
DUCT INSULATION

System Name	Type	Duct Location	Duct Tape Allowed	Insul R-Val	Note to Field
Carrier 58 WAV 091-16		Heating Ducts in Attic	Y / N	4.2	
		Cooling Ducts in Attic	Y / N	4.2	

PIPE INSULATION

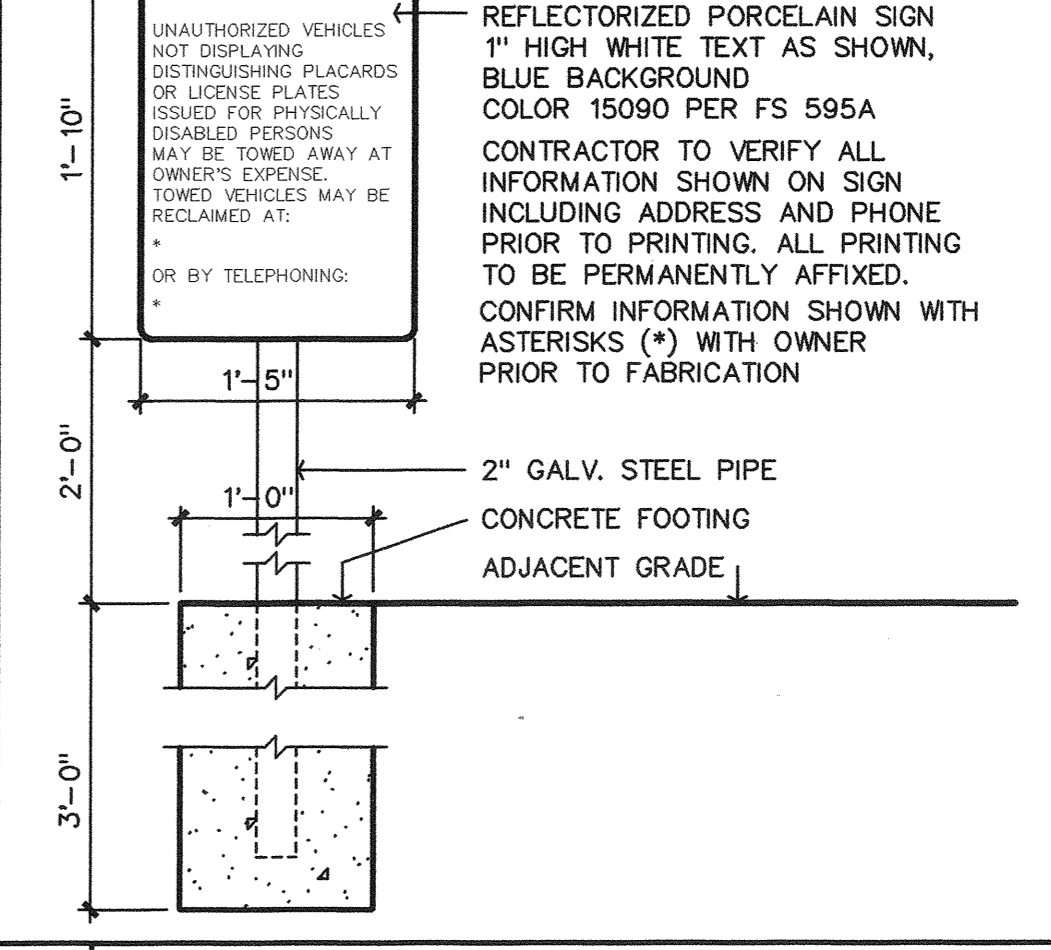
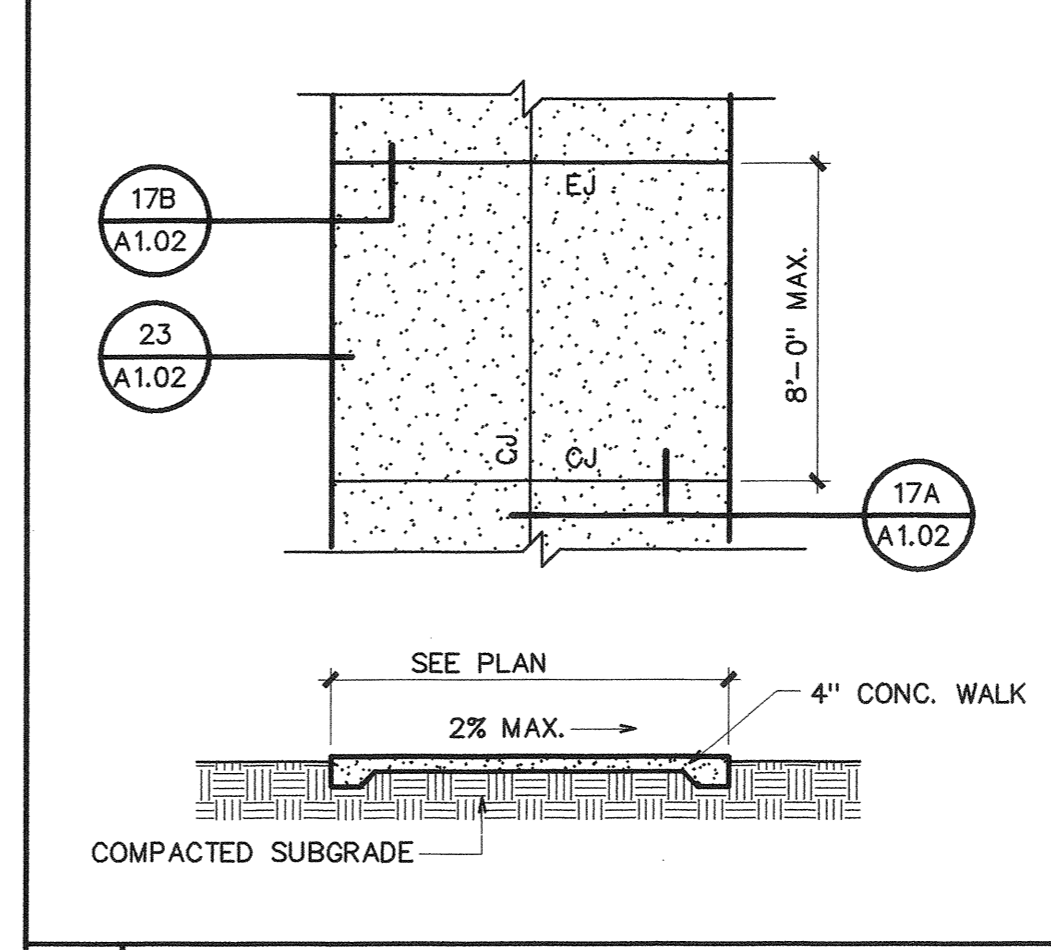
System Name	Pipe Type	Insul Required	Note to Field
Domestic Hot Water		Y / N	
Carrier 58 WAV 091-16		Y / N	

NOTES TO FIELD - For Building Department Use Only



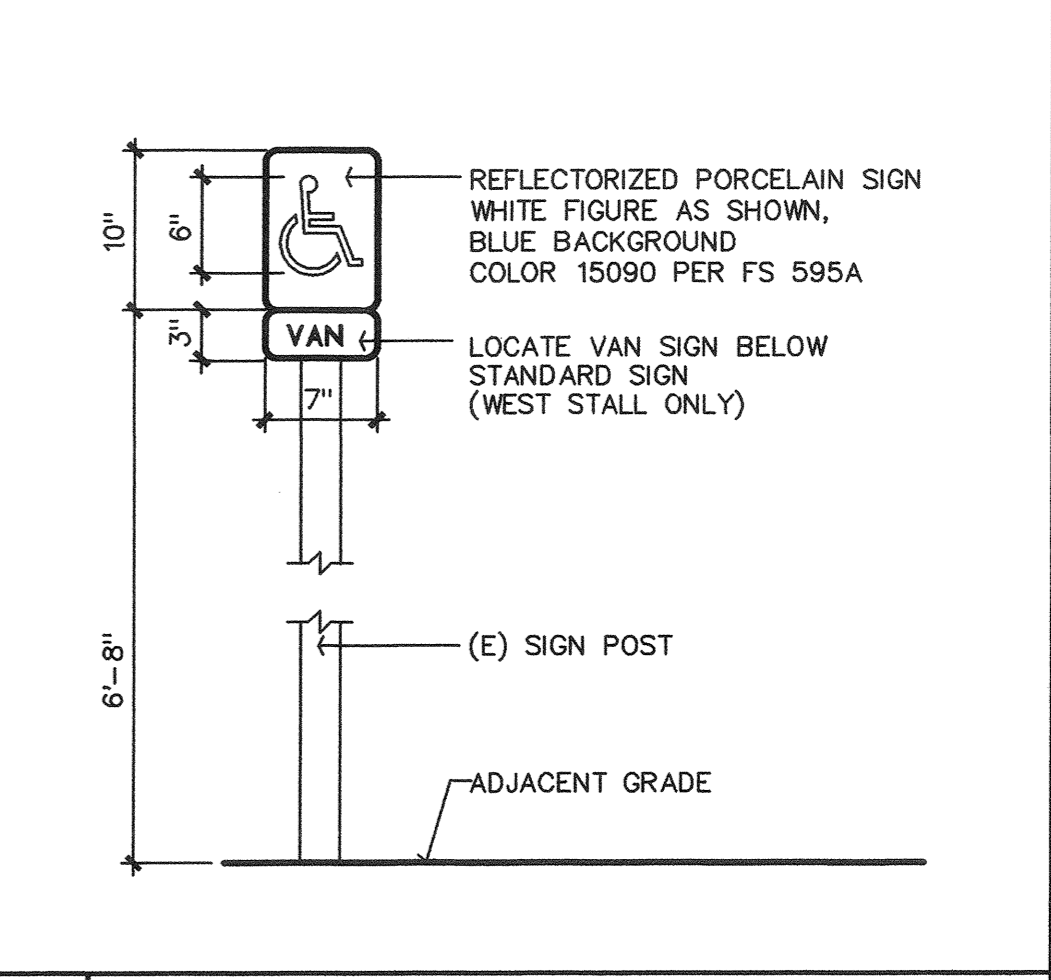
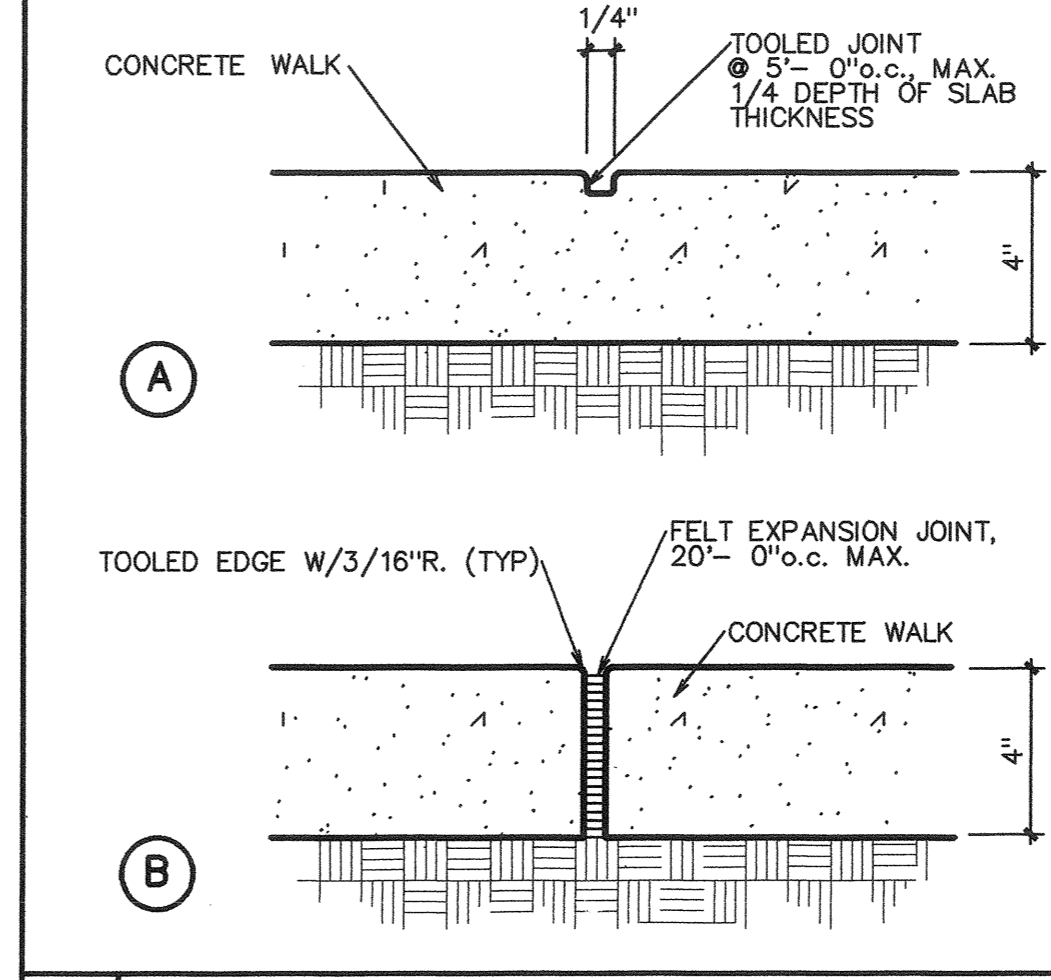
5 SECTION 1 1/2" = 1'-0"

6 SECTION 1 1/2" = 1'-0"



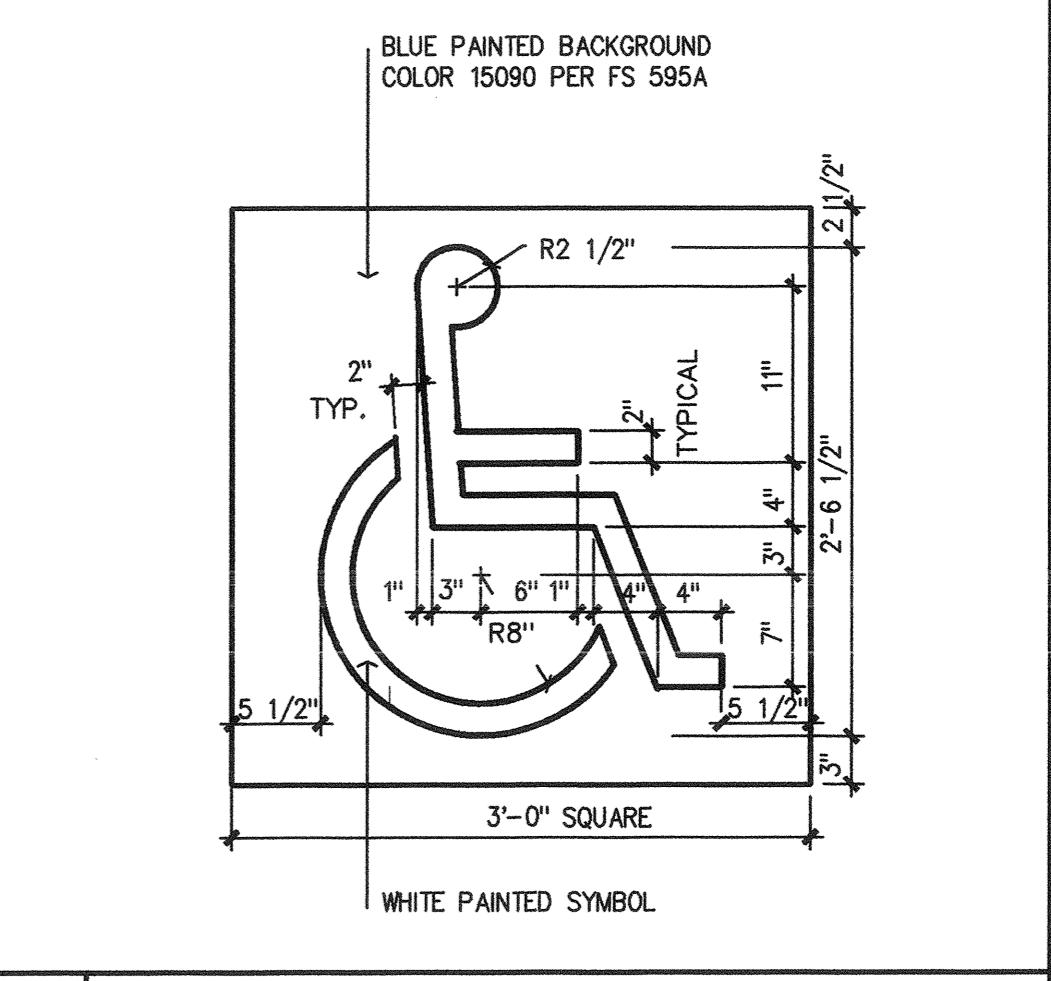
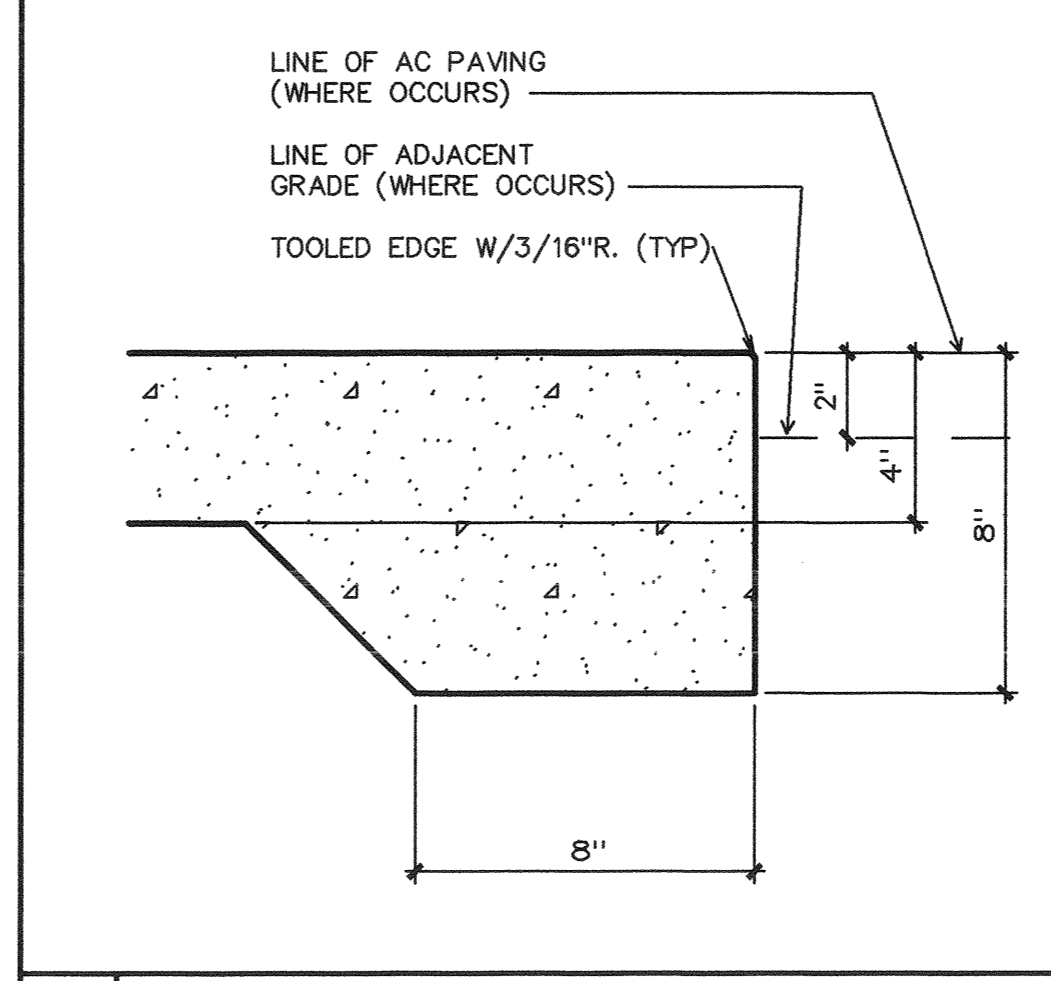
11 PLAN/SECTION NTS

12 SECTION 1" = 1'-0"



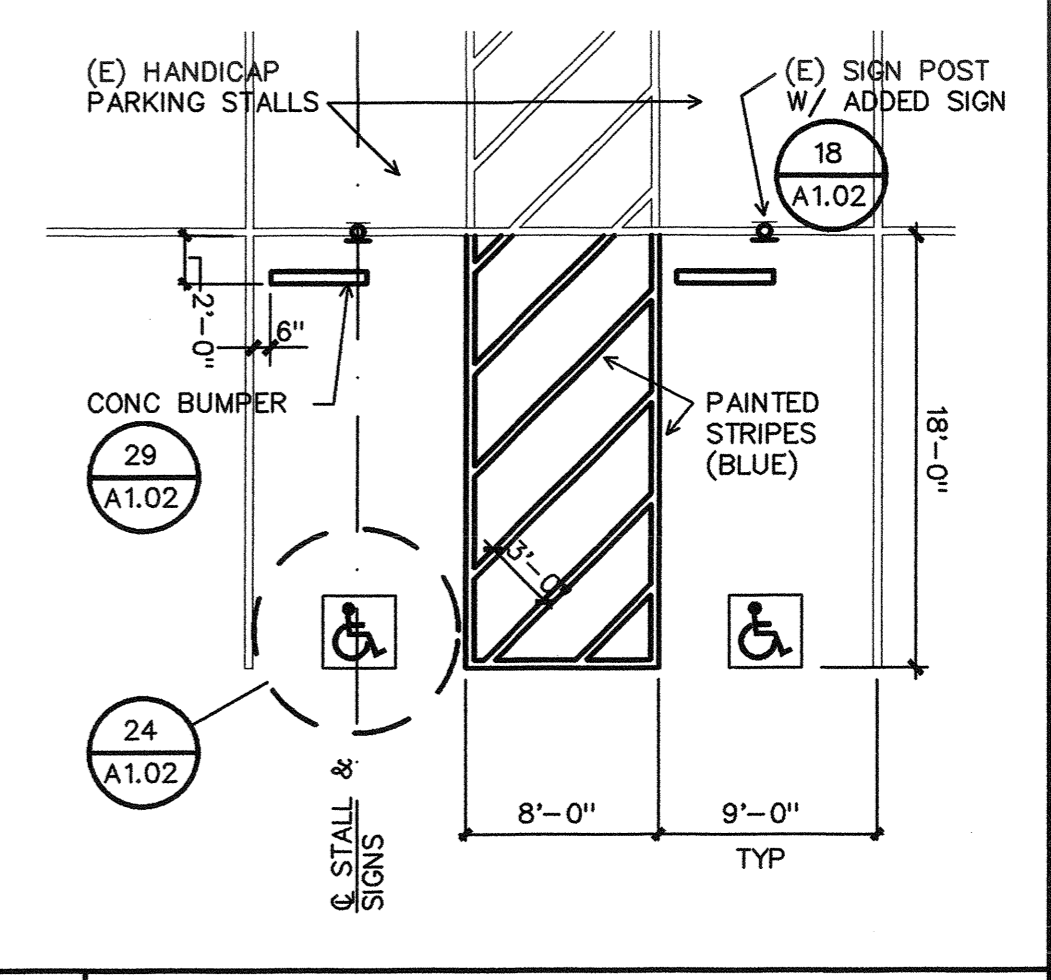
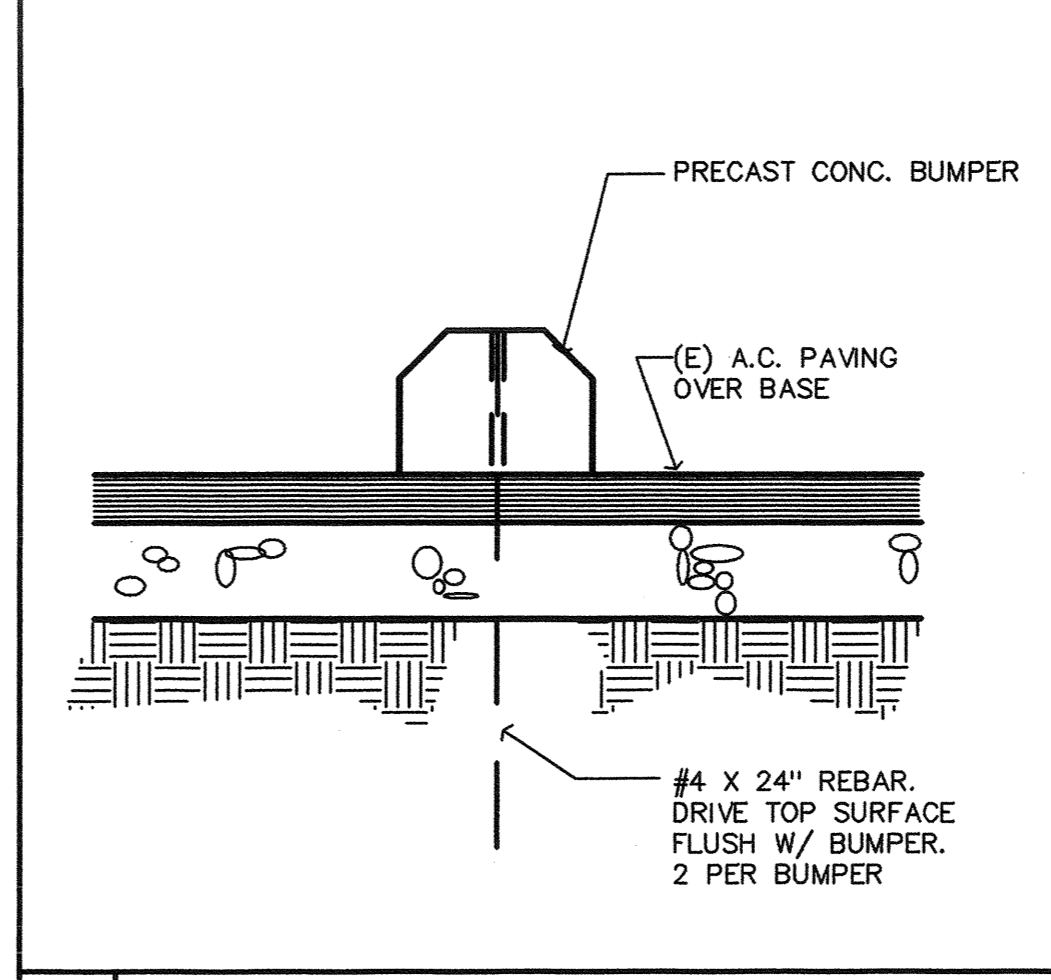
17 SECTION NTS

18 ELEVATION 1" = 1'-0"



23 SECTION NTS

24 PLAN 1" = 1'-0"



29 SECTION 1 1/2" = 1'-0"

30 PLAN 1/8" = 1'-0"



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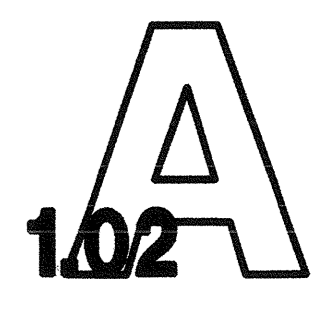
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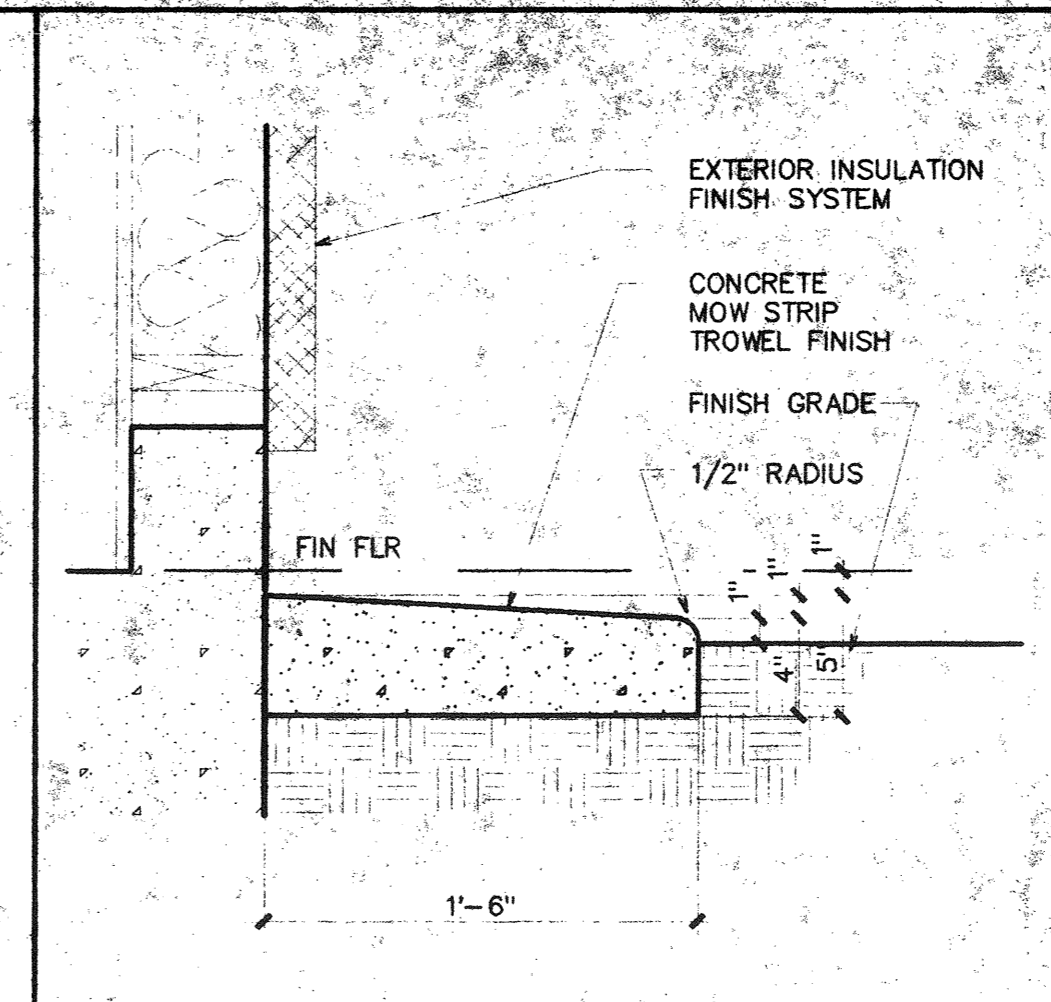
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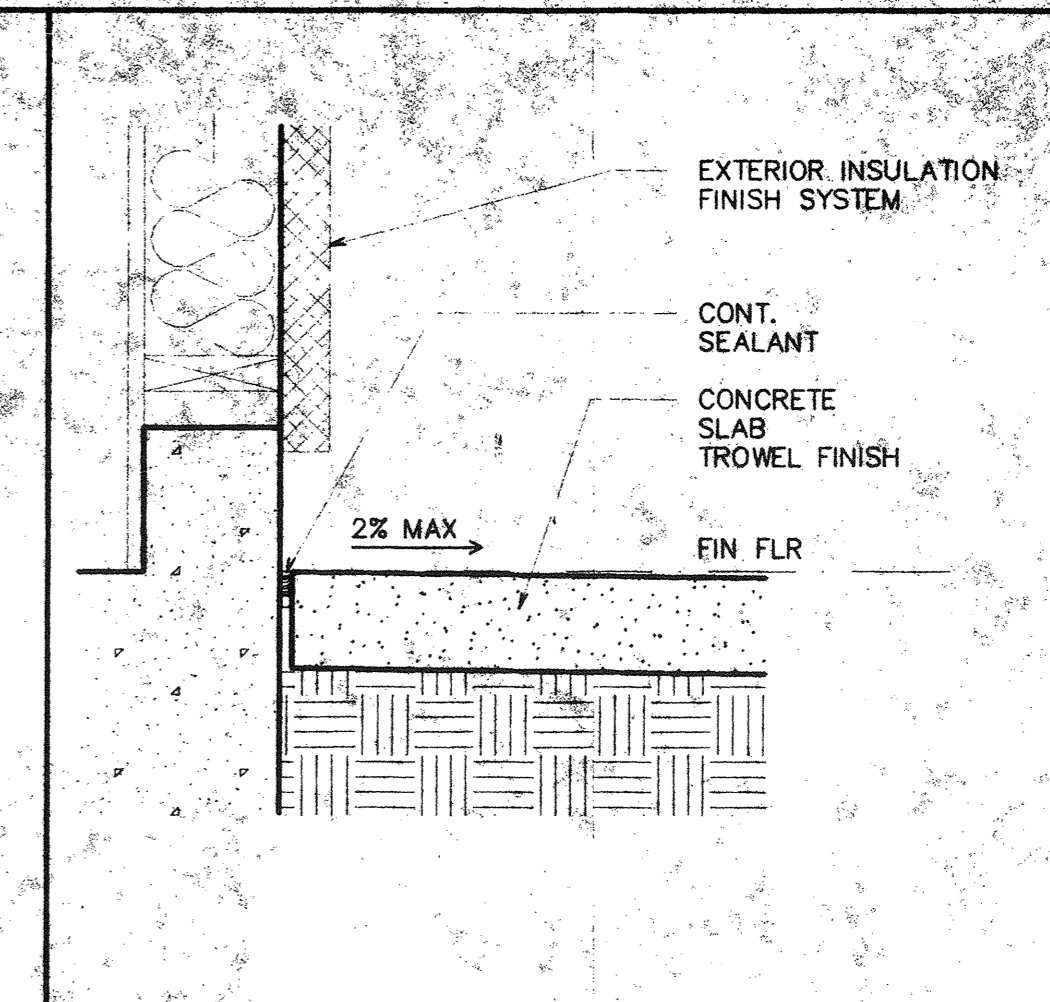
SITE DETAILS T-24 CALCULATIONS

job no.	97-120
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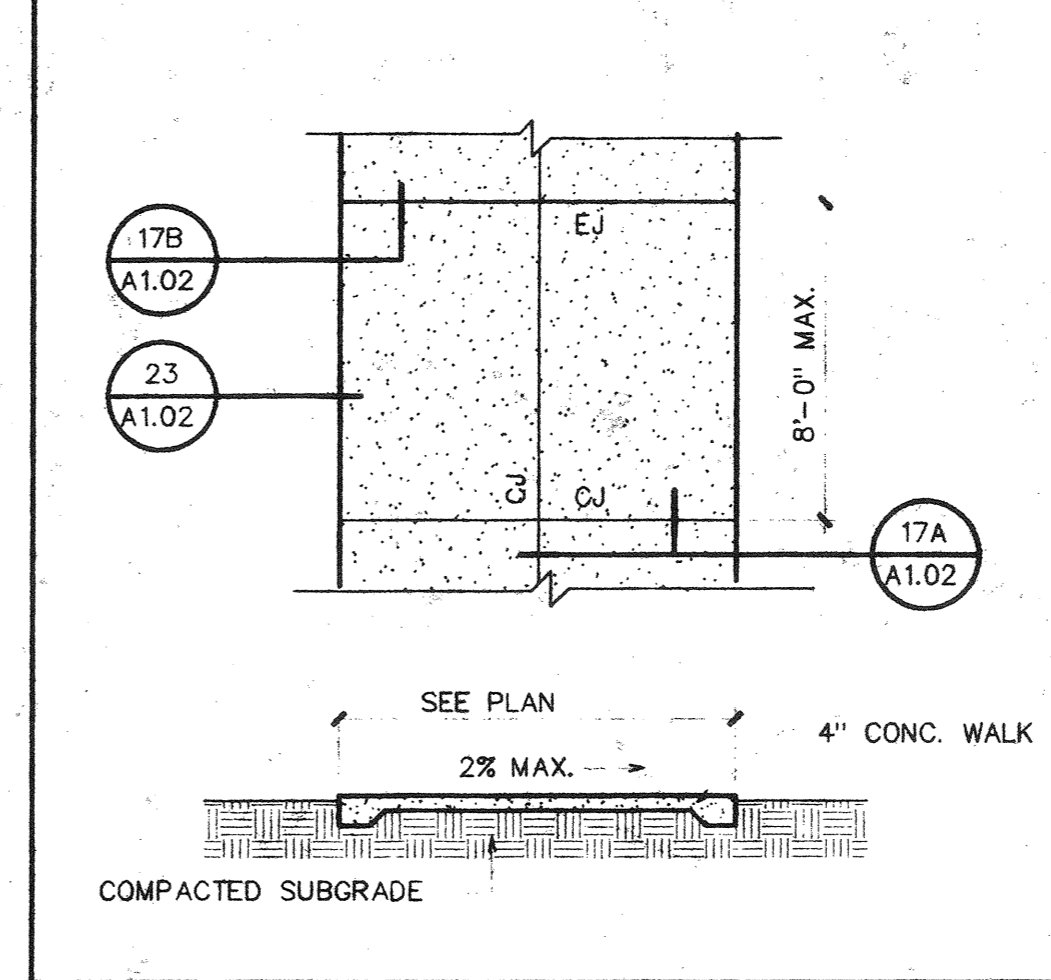




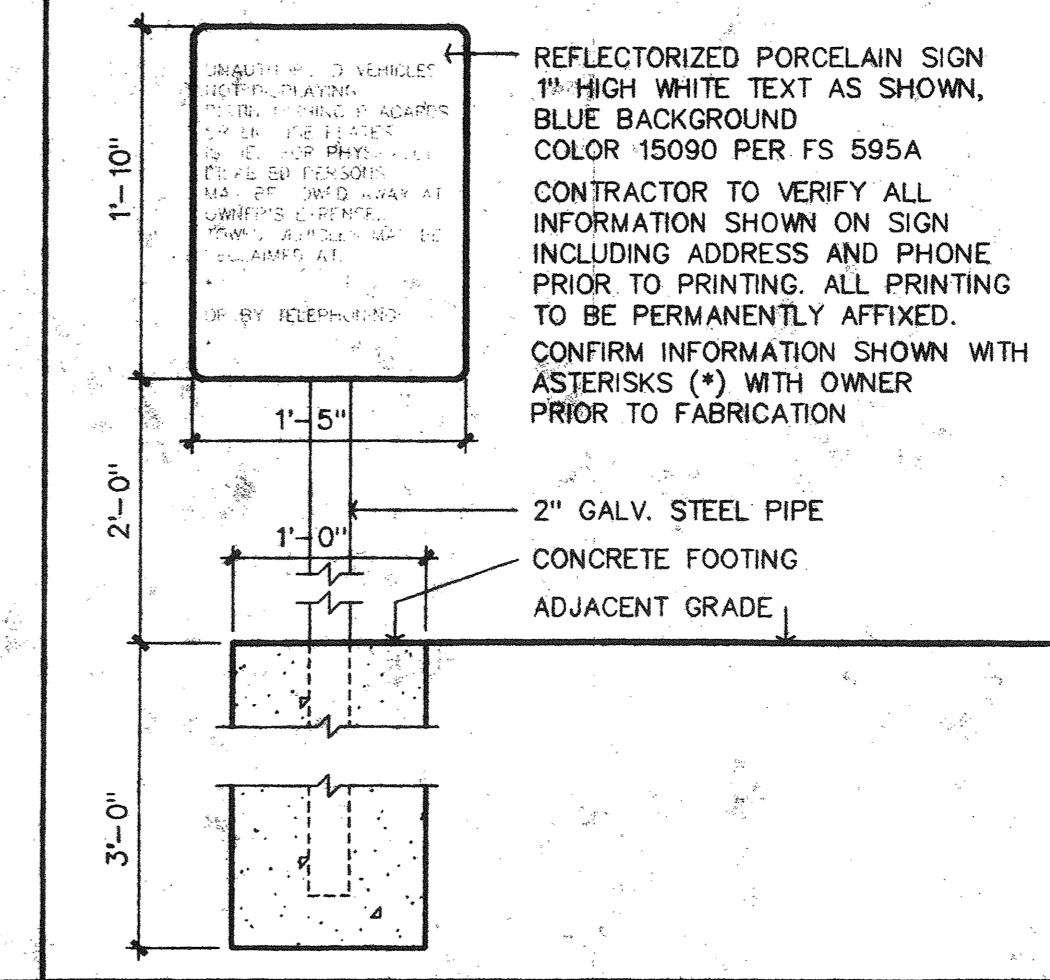
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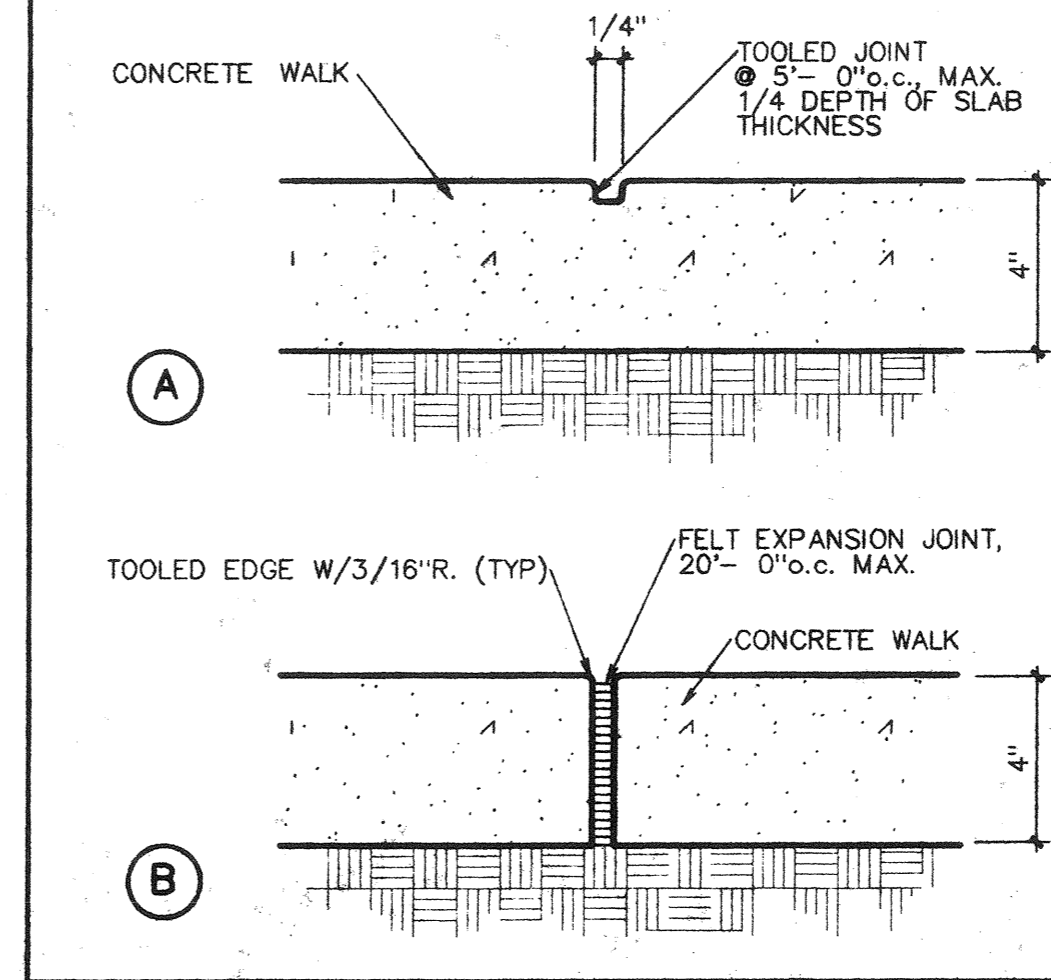
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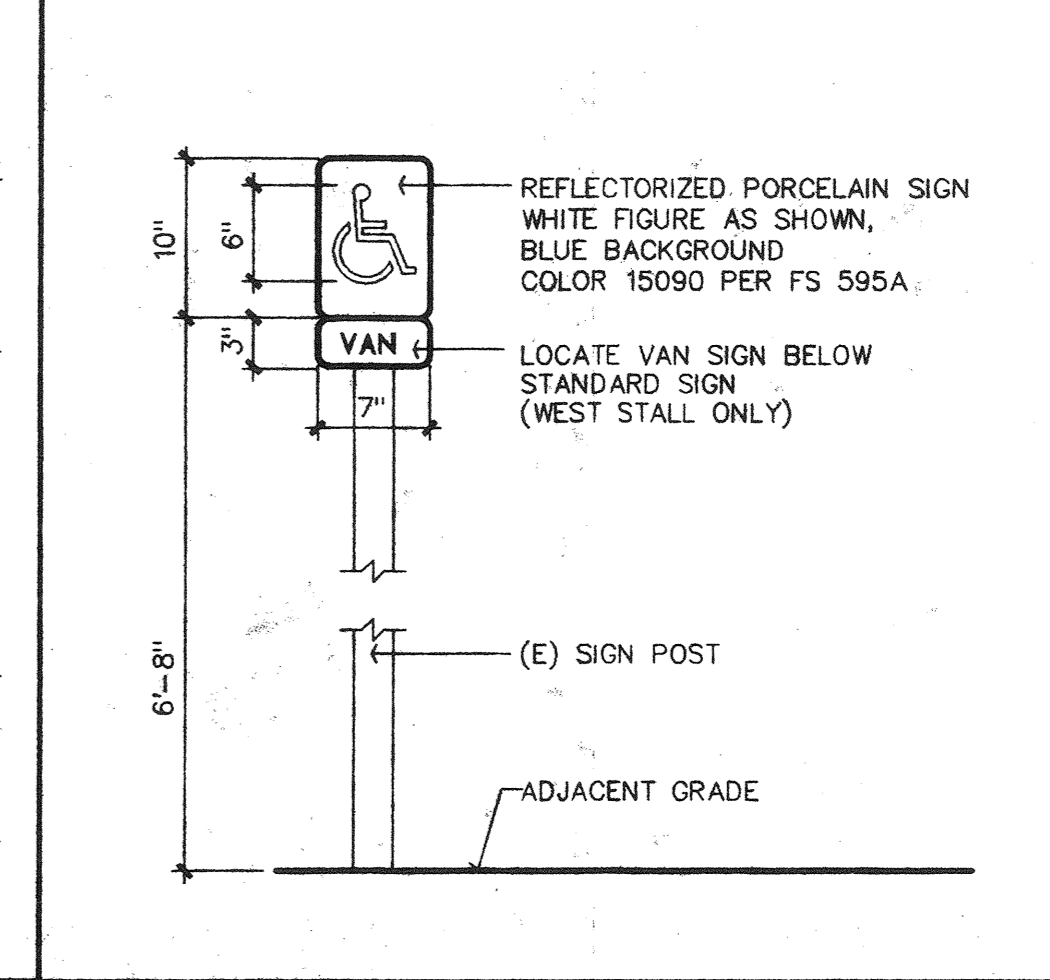
11 PLAN/SECTION NTS



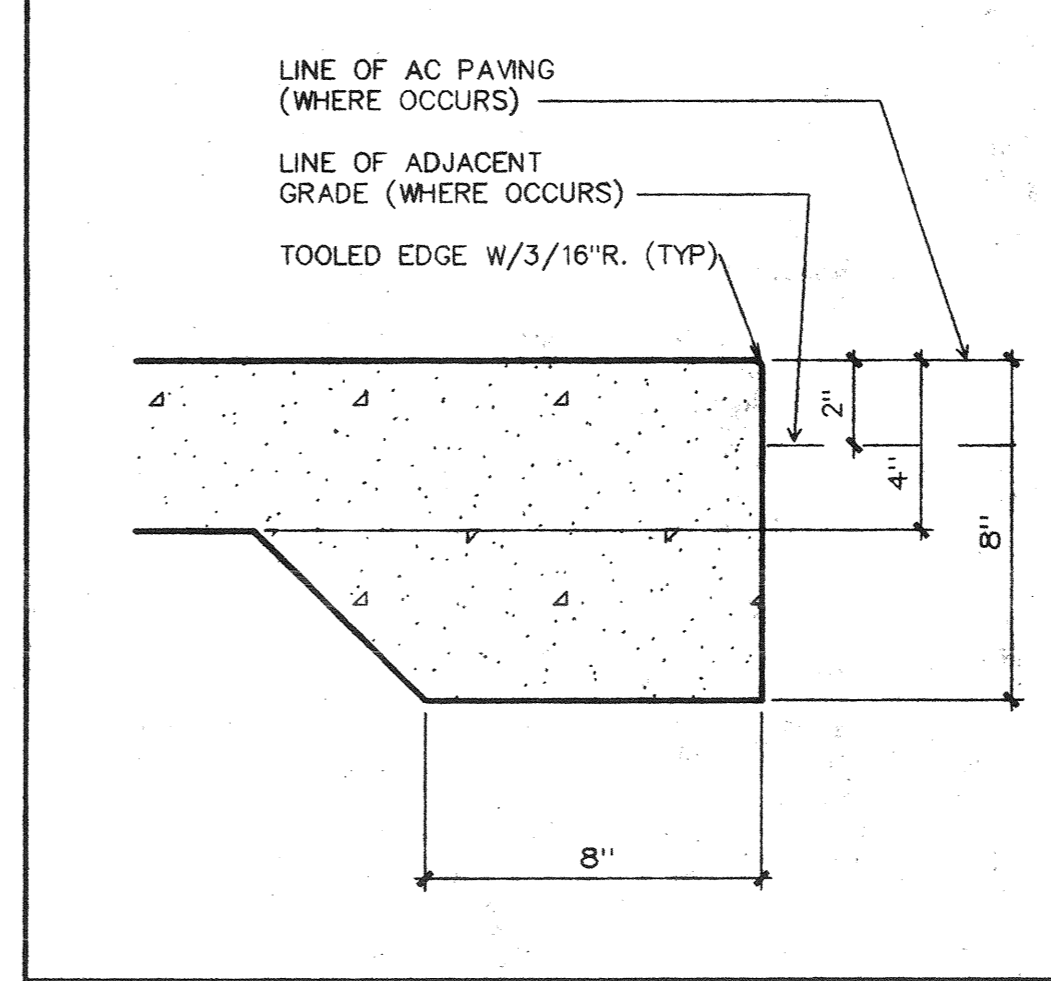
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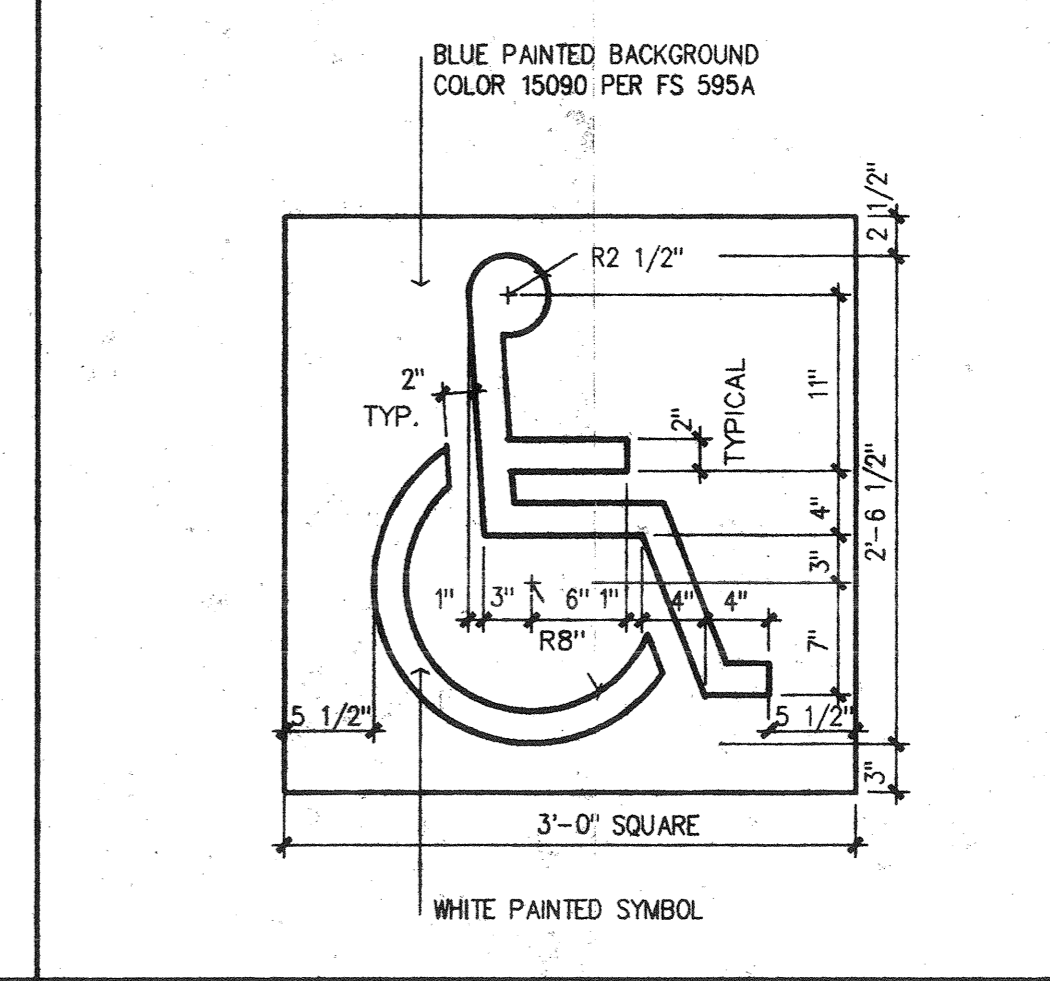
17 SECTION NTS



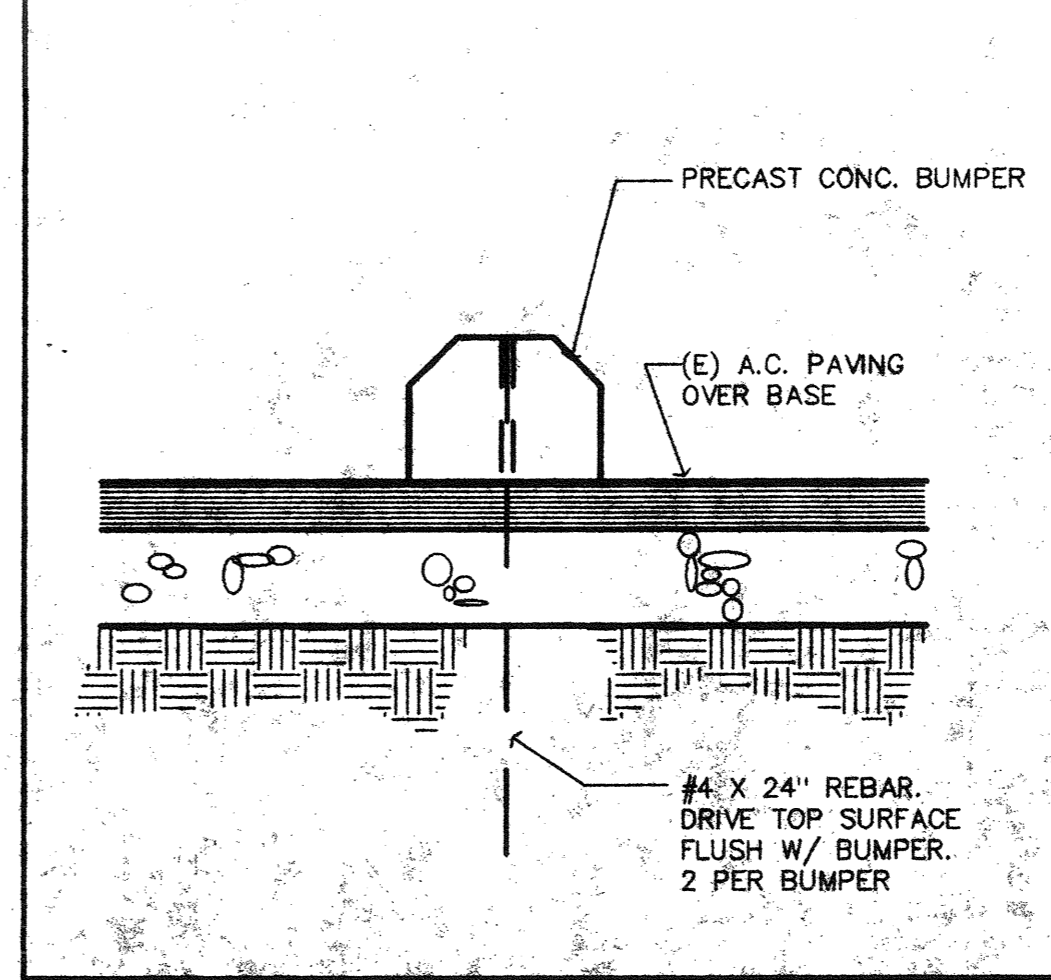
18 ELEVATION 1" = 1'-0"



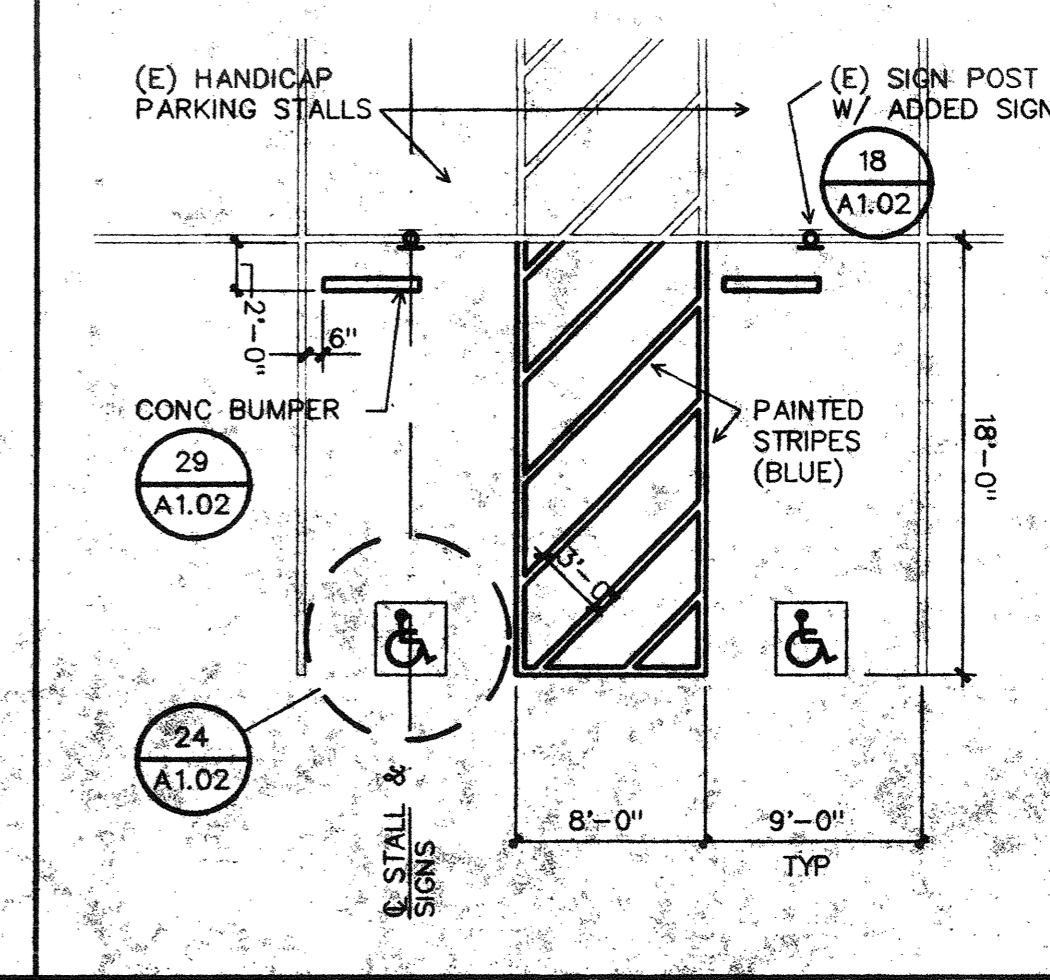
23 SECTION NTS



24 PLAN 1" = 1'-0"



29 SECTION 1 1/2" = 1'-0"



30 PLAN 1/8" = 1'-0"

7-14-97 ADDENDUM No. 1

bfgc architects planners inc.
bakersfield
 5500 ming avenue, suite 450, bakersfield ca, 93309-4631
 805 836-4300 fax 805 836-4311

san luis obispo
 3211 broad street suite 113
 san luis obispo, california 93401
 805 546-0433

san jose
 180 west santa clara st. suite 525
 san jose, california 95131
 408 924-0841

principal architects
 david r. carroll, a.i.a. C-9584 dean a. talento, a.i.a. C-9190
 frank a. ghezzi, a.i.a. C-3132 bruce m. biggar, a.i.a. C-23134
 mark engelton, a.i.a. C-5021 brian a. hardison, a.i.a. C-13601
 william r. lucas, a.i.a. C-8702 richard l. mello, a.i.a. C-18079

**34TH STREET
 COMMUNITY SCHOOL
 EXPANSION**

222 34TH STREET
 BAKERSFIELD, CA

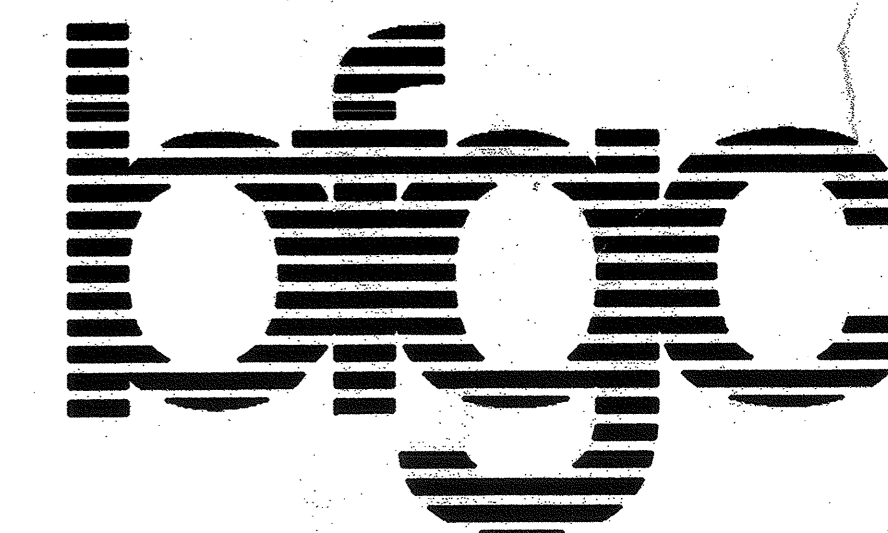
KERN COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

**SITE DETAILS
 T-24 CALCULATIONS**

job no.	97-120
date	05-28-97
drawn by	R. TROST
chk'd by	R. TROST
copyright	1997





KEYNOTES

- 301 ELECTRICAL PANEL
- 302 TOP SET BASE
- 303 MARKERBOARD
- 304 TACKBOARD
- 305 FIRE EXTINGUISHER CABINET
- 306 RETURN AIR GRILLE
- 307 TOWEL/TRASH CABINET
- 308 GYP. BD., TAPE, TEX., & PAINT(ENAMEL)
- 309 6" LAM. PLAS. SPLASH

▲ A00 # 7 7-21-97
 ▲ A00 # 6 7-7-97

bfgc architects planners inc.

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 mark engelen, aia, C-8921 brad a. henderson, aia, C-10801
 william r. fuzdick, aia, C-8702 richard l. mello, aia, C-18079

34TH STREET COMMUNITY SCHOOL EXPANSION

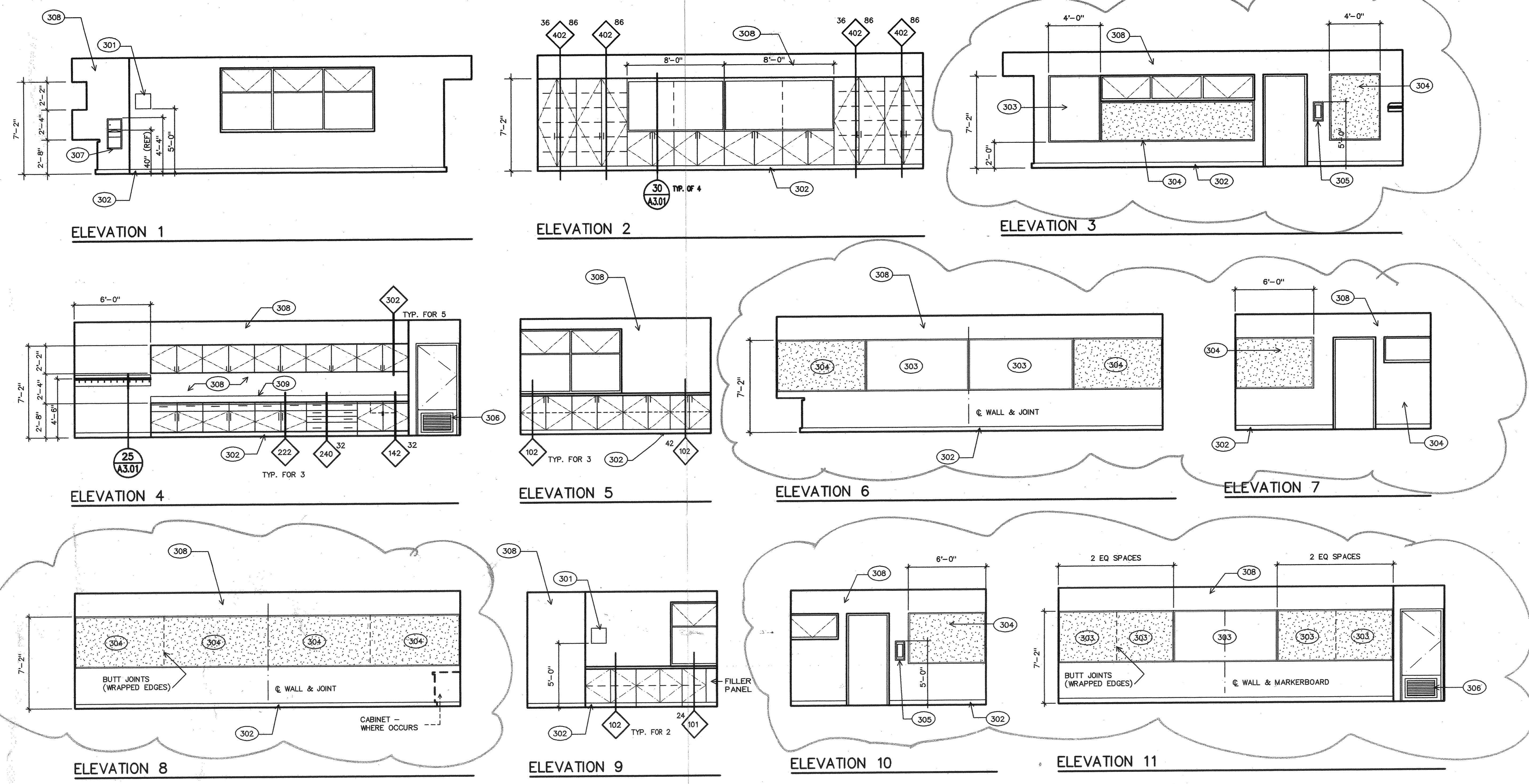
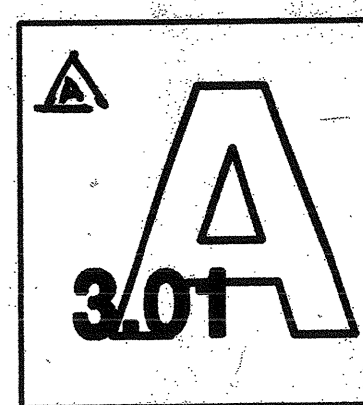
222 34TH STREET
 BAKERSFIELD, CA

KIERN COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

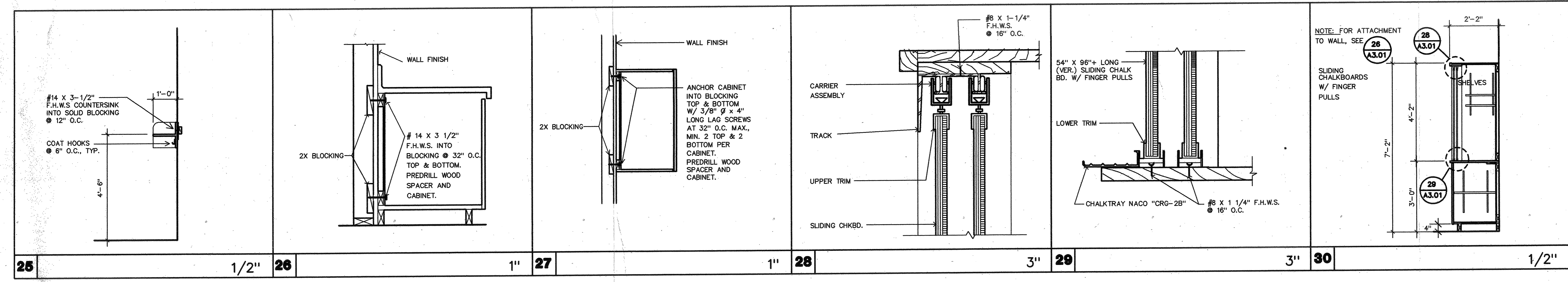
INTERIOR ELEVATIONS CABINET DETAILS

job no.	97-120
date	05-28-97
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INTERIOR ELEVATIONS

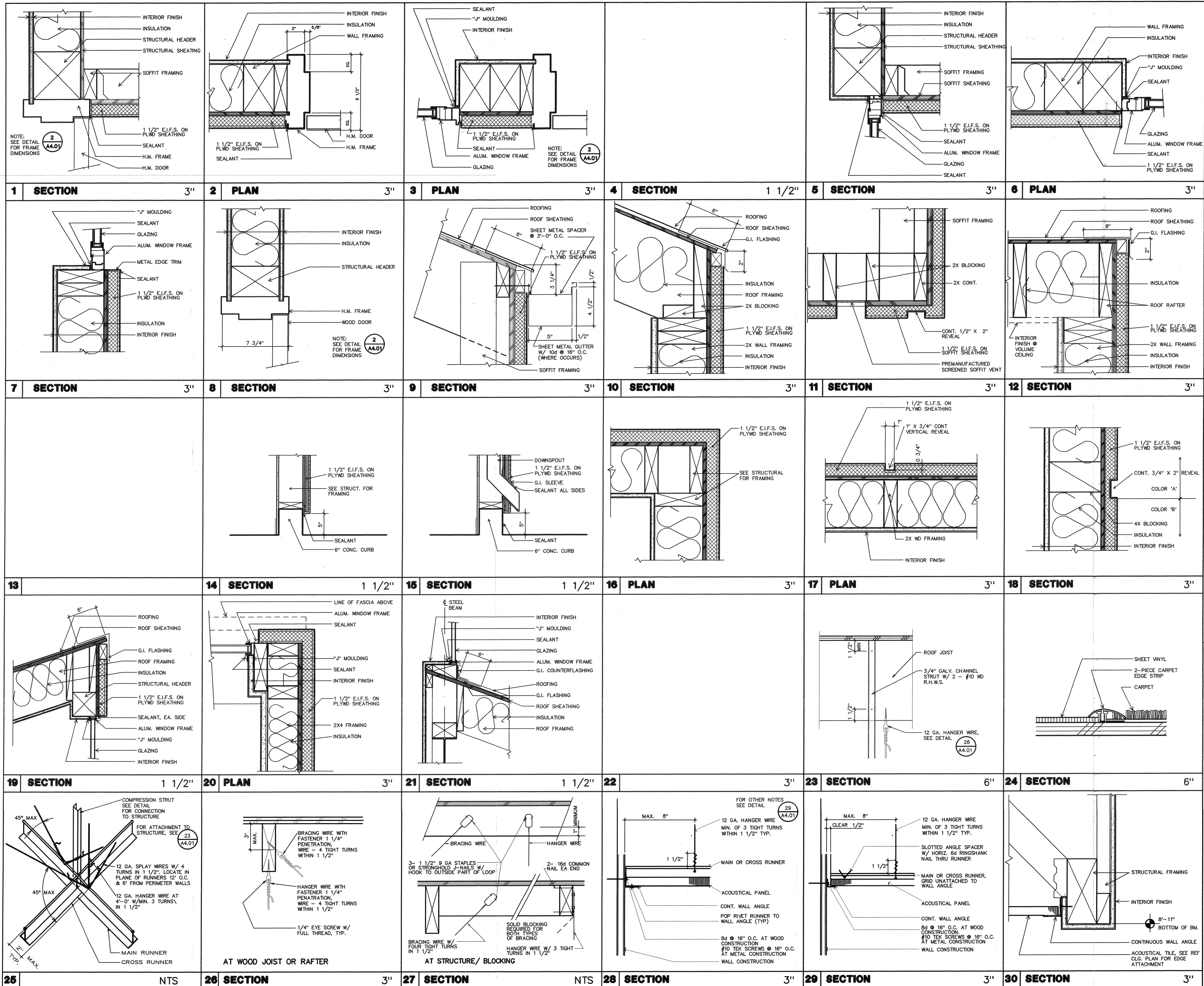
1/4" = 1'-0"



25	1/2"	26	1"	27	1"	28	3"	29	3"	30	1/2"
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APPENDUM NO. 4 0-16-97



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 mark engelen, s.a. C-8021 brad a. henderson, s.a. C-10801
 william r. kowal, s.a. C-8702 richard l. melo, s.a. C-18078

**34TH STREET
 COMMUNITY SCHOOL
 EXPANSION**

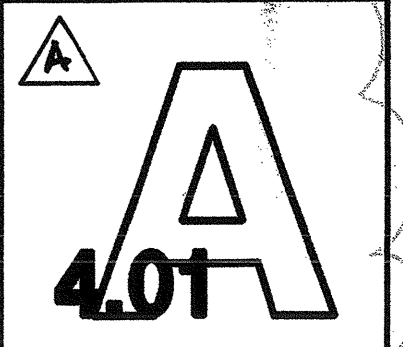
222 34TH STREET
 BAKERSFIELD, CA

KERN COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

DETAILS

job no.	97-120
date	05-28-97
drawn by	R. TROST
chk'd by	R. TROST
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GENERAL
 TYPICAL DETAILS AND GENERAL NOTES SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE DRAWINGS. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER SIMILAR WORK. NO DEVIATIONS FROM THE DRAWINGS SHALL BE PERMITTED WITHOUT PERMISSION OF THE ENGINEER.
 SEE NON-STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. ALL EQUIPMENT SHALL BE BRACED AND ANCHORED ADEQUATELY FOR SEISMIC LOADS.

WHERE CONSTRUCTION MATERIALS ARE TEMPORARILY STORED ON THE ROOF FRAMING, THEY SHALL BE DISTRIBUTED SO THAT THE LOAD DOES NOT EXCEED 20 LBS/SF.

THE CONTRACTOR SHALL:

1. VERIFY ALL (E) EXISTING CONDITIONS AND DIMENSIONS AND REPORT ANY DIFFERENCES IN ASSUMED CONDITIONS TO THE ENGINEER PRIOR TO PROCEEDING.
2. PROVIDE AND BE SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING, GUYS AND BRACING NECESSARY FOR STRUCTURAL WORK SHOWN ON THESE DRAWINGS.
3. PERFORM ALL WORK AND RECEIVE ALL TESTS AND INSPECTIONS IN ACCORDANCE WITH THE PROJECT DRAWINGS, SPECIFICATIONS, THE "STRUCTURAL TESTS & INSPECTIONS SCHEDULE" AND TITLE 24, PART 2 OF THE CALIFORNIA CODE OF REGULATIONS (C.C.R.).
4. BE SOLELY RESPONSIBLE FOR CONDITIONS AT THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.
5. PERFORM ALL DEMOLITION, REMOVAL AND DISPOSAL IN CONFORMANCE WITH ALL APPLICABLE LAWS, ORDINANCES, RULES AND REGULATIONS. EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF SITE UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
6. PERFORM ALL WORK UNDER CONTINUOUS INSPECTION OF AN DIVISION OF THE STATE ARCHITECT (D.S.A.) APPROVED INSPECTOR.

ALL SUPPORT SERVICES PERFORMED BY THE ENGINEER DURING CONSTRUCTION SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THE SUPPORT SERVICES PERFORMED BY THE ENGINEER, ARE PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS. THESE SUPPORT SERVICES DO NOT SUPERSEDE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.

NOTIFICATION

THE D.S.A APPROVED INSPECTOR SHALL NOTIFY THE STRUCTURAL ENGINEER TWO (2) WORKING DAYS PRIOR TO:

1. START OF CONSTRUCTION.
2. POURING CONCRETE.
3. COVERING PLYWOOD SHEATHING AND FRAMING.

FOUNDATIONS

FOUNDATIONS AND SLABS SHALL BE PLACED ONLY ON FIRM BEARING AND NOT ON LOOSE SOIL OR UNCOMPACTED FILL. THE CONTRACTOR SHALL PERFORM ALL WORK AND RECEIVE ALL TESTS AND INSPECTIONS IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.

SOIL TYPE: SILTY SAND, SANDY SILT & SAND
 BASIC ALLOWABLE BEARING PRESSURE: 1500 LBS/SF.

THE GEOTECHNICAL INVESTIGATION REPORT BY "BCK, INC." JOB NO. 03100195, DATED MAY 5, 1997 IS AVAILABLE TO THE CONTRACTOR FOR REVIEW.

REINFORCING

MATERIALS SHALL BE CONTINUOUS, DEFORMED BARS CONFORMING TO ASTM A615:
 #4 BARS & SMALLER GRADE 40
 #5 BARS & LARGER GRADE 60
 CONTINUOUS BAR SPLICES (UND) SHALL BE:
 MASONRY 40 BAR DIAMETERS (2'-0" MINIMUM)
 CONCRETE 30 BAR DIAMETERS (2'-0" MINIMUM)
 CONCRETE COVERAGES SHALL BE:
 CAST AGAINST EARTH & PERMANENTLY EXPOSED TO WEATHER 3"
 CAST AGAINST FORMS & PERMANENTLY EXPOSED TO EARTH OR WEATHER 2"
 CAST AGAINST FORMS & NOT PERMANENTLY EXPOSED TO EARTH OR WEATHER 1-1/2"
 BEAMS, GIRDS & COLS 1-1/2"

CONCRETE

MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 PORTLAND CEMENT (ONE BRAND, DOMESTIC) ASTM C150
 WATER DOMESTIC SUPPLY
 AGGREGATES (FINE & COARSE) ASTM C33
 (AGGREGATES SHALL CONTAIN NOT MORE THAN 2% SHALE OR OTHER DELETERIOUS PARTICLES.)
 ADMIXTURE (TYPE A, WATER REDUCING) ASTM C494
 CURING COMPOUND ASTM C309
 (SHALL NOT IMPAIR IN ANY WAY THE APPLICATION OF FINISHES, COVERINGS OR PAINT)
 VAPOR BARRIER 10 MIL POLY VINYL CHLORIDE DRYPACK PER C.C.R. TABLE 24B "FINE GROUT"
 EPOXY RAHSET "EPOCON" CERAMIC 6 (1080 #4285)

CONCRETE MIX AND CONSTRUCTION SHALL BE TYPE II, REGULAR WEIGHT (145 LBS.) AND CONFORM TO THE FOLLOWING:
 MINIMUM ULTIMATE COMPRESSIVE STRENGTH @ 28 DAYS 3000 PSI
 MAXIMUM SLUMP (PER ASTM) @ 28 DAYS 4 INCHES
 MAXIMUM AGGREGATE SIZE 1 INCH
 MINIMUM CEMENT CONTENT 5.75 SACKS/CY
 MAXIMUM WATER CONTENT 38 GAL/CY

CONTRACTOR SHALL SUBMIT A CONCRETE DESIGN MIX, APPROVED BY A CALIFORNIA LICENSED CIVIL ENGINEER TO THE ARCHITECT FOR REVIEW 15 WORKING DAYS PRIOR TO PLACEMENT. THE MIX DESIGN SHALL BE IN ACCORDANCE WITH THE C.C.R., TITLE 24, SECTION 2604(C), METHOD "B".

CONCRETE MASONRY

CONCRETE BLOCK SHALL BE GRADE N-1, MEDIUM OR LIGHT WEIGHT (WITH A DRY NET WEIGHT NOT MORE THAN 115 LBS. PER CUBIC FOOT), OPEN-END UNITS AND CONFORM TO ASTM C-90. MINIMUM COMPRESSIVE STRENGTHS.

FILL ALL CELLS WITH GROUT. NO SPLICES SHALL BE PERMITTED IN VERTICAL REINFORCING EXCEPT WHERE DETAILED ON THE DRAWINGS. ALL ISOLATED BOLTS EMBEDDED IN MASONRY SHALL BE GROUTED SOLIDLY IN PLACE WITH NOT LESS THAN 1" OF GROUT SURROUNDING THE BOLT. IF WORK IS STOPPED FOR ONE HOUR OR LONGER, PROVIDE HORIZONTAL CONSTRUCTION JOINT BY STOPPING THE GROUT 1-1/2" BELOW THE TOP OF THE BLOCK.

MINIMUM MORTAR STRENGTH @ 28 DAYS (TYPE S) 1800 PSI
 (SHALL CONTAIN NO ADMIXTURES)
 MINIMUM GROUT STRENGTH @ 28 DAYS 2000 PSI
 (SHALL CONTAIN "SIKA GROUT 410, TYPE II", AS PER MANUFACTURERS RECOMMENDATIONS. NO OTHER ADMIXTURE SHALL BE ADDED.)

CONTRACTOR SHALL SUBMIT A GROUT DESIGN MIX, APPROVED BY A CALIFORNIA LICENSED CIVIL ENGINEER, TO THE ARCHITECT FOR REVIEW 15 WORKING DAYS PRIOR TO PLACEMENT.

SEE ARCHITECTURAL DRAWINGS FOR TYPES OF MATERIALS USED FOR VENEERS.
 ALL MASONRY WORK SHALL BE CONTINUOUSLY INSPECTED BY AN D.S.A APPROVED SPECIAL INSPECTOR.

STEEL

MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 SHAPES, PLATES, BARS, RODS ASTM A36, (FY = 36 KSI)
 PIPES ASTM A53, GRADE B, (FY = 35 KSI)
 SQUARE & RECTANGULAR TUBING ASTM A500, GRADE B, (FY = 46 KSI)
 WELDING ELECTRODES E70XX
 MACHINE BOLTS & ANCHOR BOLTS ASTM A36 OR ASTM A307
 AUTOMATIC END WELDED STUDS ASTM A108
 (NELSON GRANULAR FLOW FILLED STUDS C1015 COLD ROLLED STEEL)

WELDING SHALL BE DONE BY THE ELECTRIC SHIELDED ARC OR SUBMERGED ARC PROCESS. WELDERS SHALL BE CERTIFIED AND WORK DONE IN ACCORDANCE WITH THE STRUCTURAL WELDING CODES, AWS D1.1. FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATIONS. ALL STEEL NOT IN CONTACT WITH CONCRETE SHALL RECEIVE ONE COAT OF SHOP PAINT IN ACCORDANCE WITH THE PROVISIONS OF THE CODE OF STANDARD PRACTICE OF AISC AND THE SPECIFICATIONS.

SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT PRIOR TO FABRICATION. THE STEEL FABRICATOR SHALL VERIFY ALL DIMENSIONS, DETAILS AND QUANTITIES WITH THE DRAWINGS.

WOOD

FRAMING LUMBER SHALL BE DOUGLAS FIR & GRADE MARKED AS FOLLOWS (UND):
 2X4 & SMALLER STANDARD OR BETTER 2X4 & DEEPER NO. 2
 3X & LARGER NO. 1
 SILLS (HEM FIR OR DOUGLAS FIR) (PRESSURE TREATED) NO. 2

STANDARD CUT WASHERS SHALL BE USED UNDER BOLT HEADS AND NUTS THAT WOULD OTHERWISE BEAR ON WOOD SURFACES. ALL LIGHT GAGE METAL CONNECTORS SHALL BE MANUFACTURED BY "RIMSON STRONG-TIE CO., INC." OR APPROVED EQUAL. ALL "HD" CONNECTORS SHALL BE INSTALLED WITH WASHERS AS PER MANUFACTURERS RECOMMENDATIONS. RETIGHTEN BOLTS BEFORE CLOSING IN.
 ALL NAILS SHALL BE COMMON GAGE, UNCOATED AND HAVE FULL HEADS.

WHERE DRIVING NAILS CAUSES SPLITTING, LEAD HOLES WITH A DIAMETER EQUALING 60 TO 75 PERCENT OF THE NAIL DIAMETER SHALL BE PROVIDED. NAILING SHALL BE AS PER C.C.R., CHAPTER 23, "NAILING SCHEDULE".

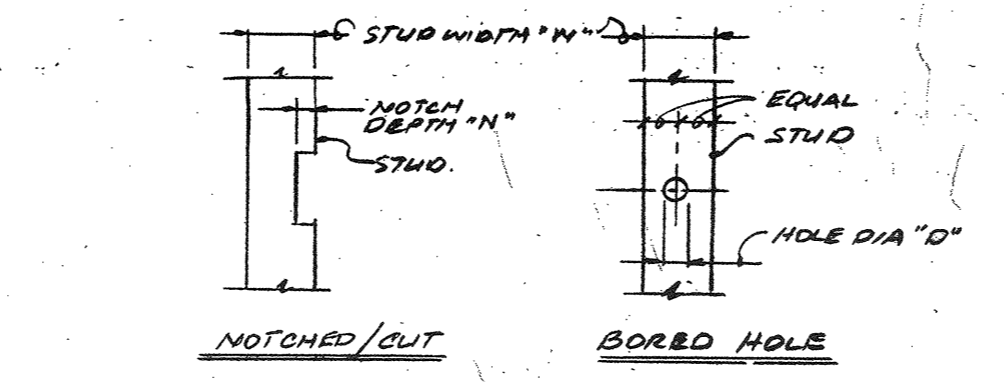
LAG SCREWS OR LAG BOLTS:
 CONNECTORS SHALL BE INSERTED IN DRILLED HOLES AS SHOWN ON THE PLANS. THE THREADED PORTION OF THE CONNECTOR SHALL BE INSERTED IN ITS LEAD HOLE BY TURNING IT WITH A WRENCH AND NOT BY DRIVING IT WITH A HAMMER.

PLYWOOD SHEATHING SCHEDULE

IDENT.	MATERIAL	NAILING	REMARKS
Roof Shear (7/16 LUM)	5/8" PLYWOOD, APA RATED SHTG., EXPOSURE I, 407/20	10D @ 6" BOUND, 10D @ 8" EDGES, 10D @ 12" INTERM.	1. 2x4 & 6x6 OR PLYWOOD JOIST
WALL SHEAR (1/2" LUM)	4" PLYWOOD, APA RATED SHTG., EXPOSURE I, 247/0, STRUCT. I	10D @ 6" BOUND, 10D @ 8" EDGES, 10D @ 12" INTERM.	1. 2x4 P.T. SILL, 2x4 W/ 50# 2x4 @ 12" ABOUTS @ 4' O.C.
Roof Shear (1/2" LUM)	OMIT	OMIT	OMIT

FOOT NOTES

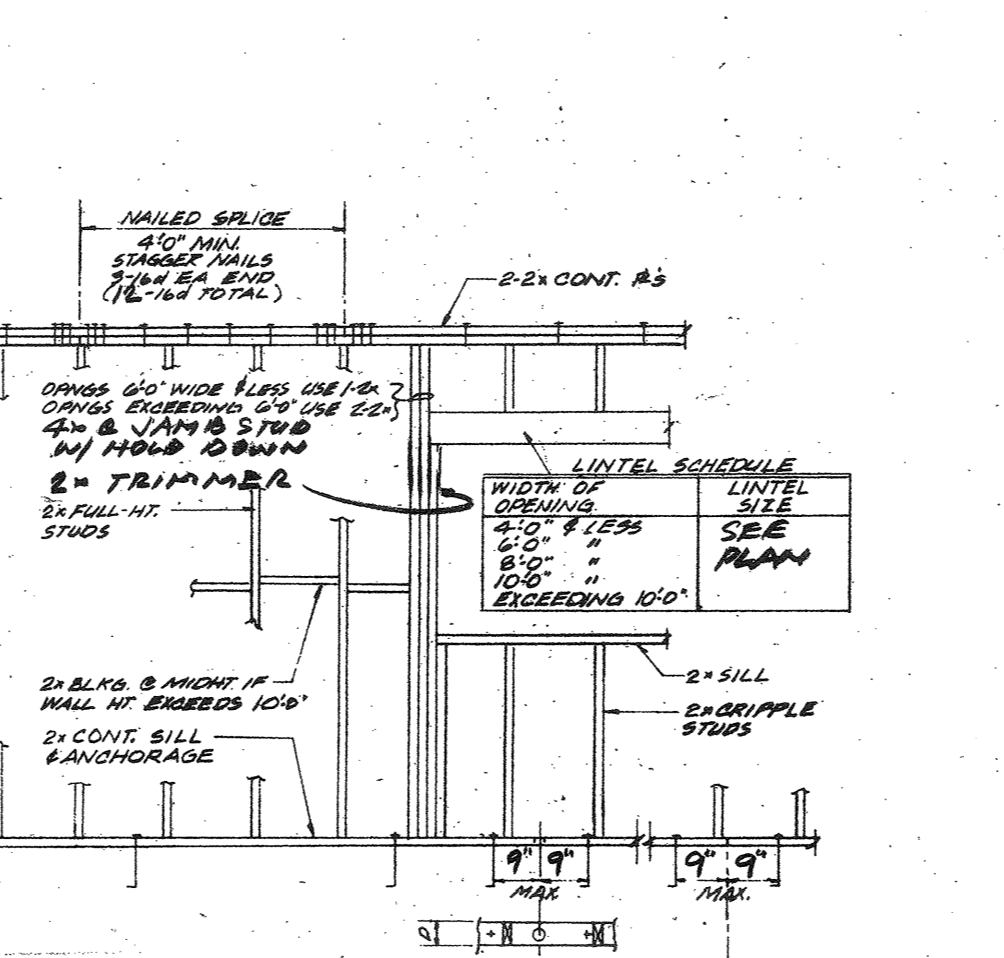
- (1) SEE THIS SHEET FOR GENERAL NOTES AND TYPICAL DETAILS.
- (2) PLYWOOD SHALL CONFORM TO PS-1-83. PANELS SHALL BE STAGGERED AND PLACED SO THAT THE FACE GRAIN IS PERPENDICULAR TO THE SUPPORTING MEMBERS (UND).
- (3) PLYWOOD NAILS SHALL HAVE FULL HEADS AND BE OF THE FOLLOWING SIZES:
 10D = 1 1/8" DIA. X 2-3/8" LONG (OR OTHER SHANK OR SQUARE SHANK) 8D = 1 1/8" DIA. X 2-1/8" LONG.
- (4) NO PANEL LESS THAN 24 INCHES WIDE SHALL BE USED IN ANY HORIZONTAL PLYWOOD DIAPHRAGM. NO PANEL LESS THAN 12 INCHES WIDE SHALL BE USED IN ANY VERTICAL PLYWOOD DIAPHRAGM.
- (5) THE EDGES OF ALL OPENINGS SHALL BE PERIMETER NAILED PER THE BOUNDARY NAILING REQUIRED FOR THAT AREA.
- (6) THE PLYWOOD EDGE DISTANCE ON A 2-1/2" OR WIDER MEMBER SHALL BE 3/4" MINIMUM. THE PLYWOOD EDGE DISTANCE ON A 1-1/2" WIDE MEMBER SHALL BE 3/8" MINIMUM. NAILS MAY BE SLANT DRIVEN TO MAINTAIN THE MINIMUM EDGE DISTANCE.
- (7) TWO LAYERS OF PAPER SHALL BE PLACED BETWEEN ALL PLYWOOD AND GEMENT PLASTER FOR MOISTURE PROTECTION OF THE PLYWOOD.
- (8) NAILHEADS SHALL NOT PENETRATE THE OUTER PLY OF PLYWOOD MORE THAN WOULD BE NORMAL FOR A HAND-HAMMER.
- (9) THE USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER AND THE OFFICE OF THE STATE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. IF NAILHEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.



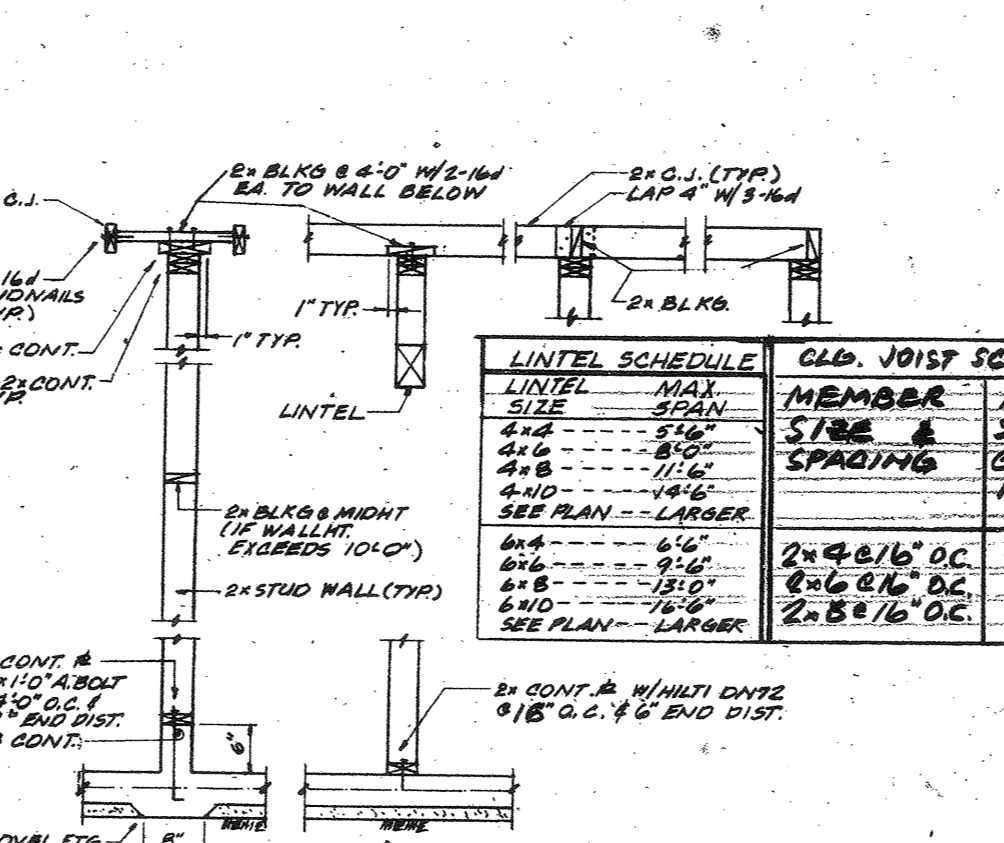
STUD LOCATION	STUD SIZE (W x H)	MAX. NOTCH DEPTH (IN)	MAX. BORED HOLE DIA. (IN)
EXTERIOR & BEARING WALLS	3 1/2" x 7"	0"	1 1/8"
	3 1/2" x 7"	0"	2 1/8"
NON-BEARING PARTITIONS	3 1/2" x 7"	1 1/8"	1 1/8"
	3 1/2" x 7"	2 1/8"	2 1/8"

NOTES: 1. DO NOT OVER CUT

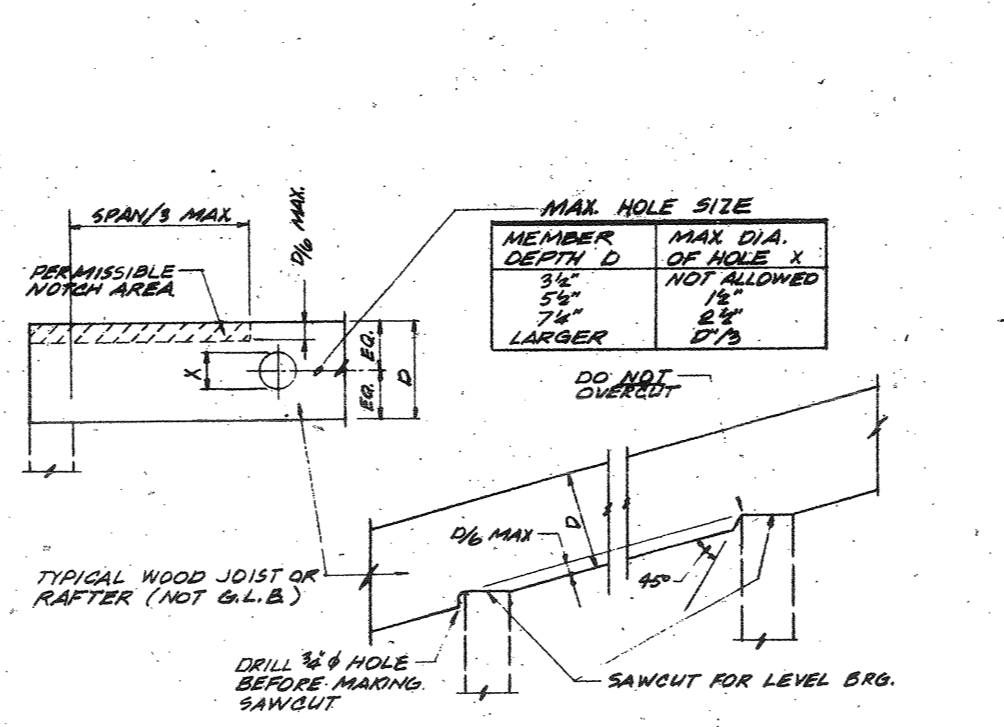
12 TYPICAL STUD NOTCHES & BORED HOLES (M.P.S.)



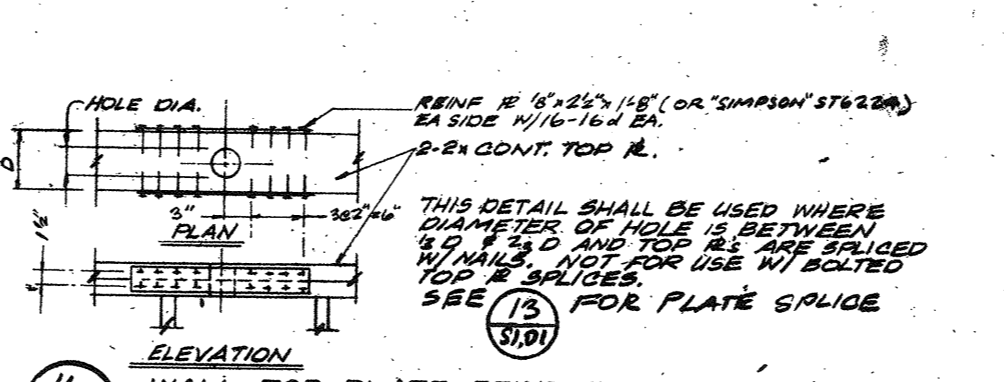
13 WALL FRAMING DETAILS (M.P.S.)



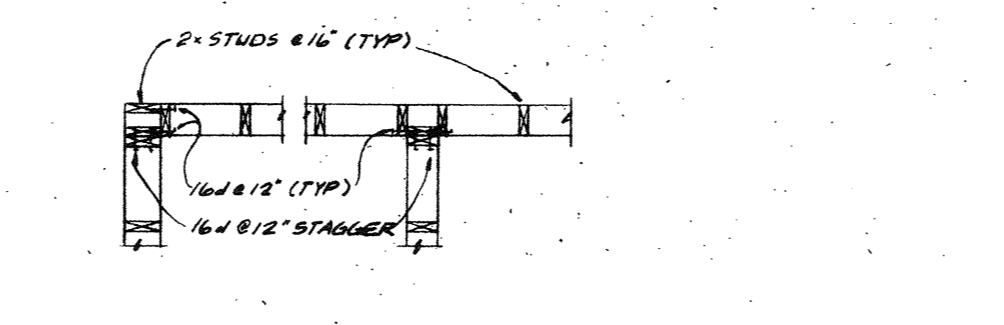
14 NON-BEARING PARTITION DETAILS (M.P.S.)



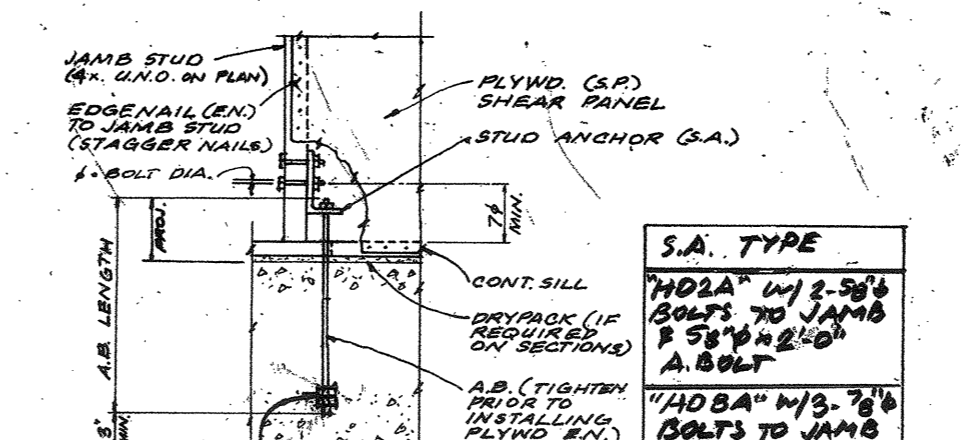
15 NOTCH and HOLE DETAILS (M.P.S.)



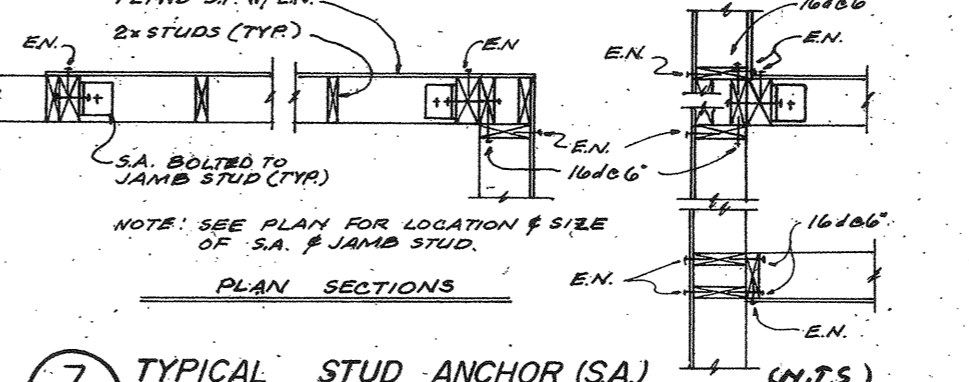
16 WALL TOP PLATE REINFORCING (M.P.S.)



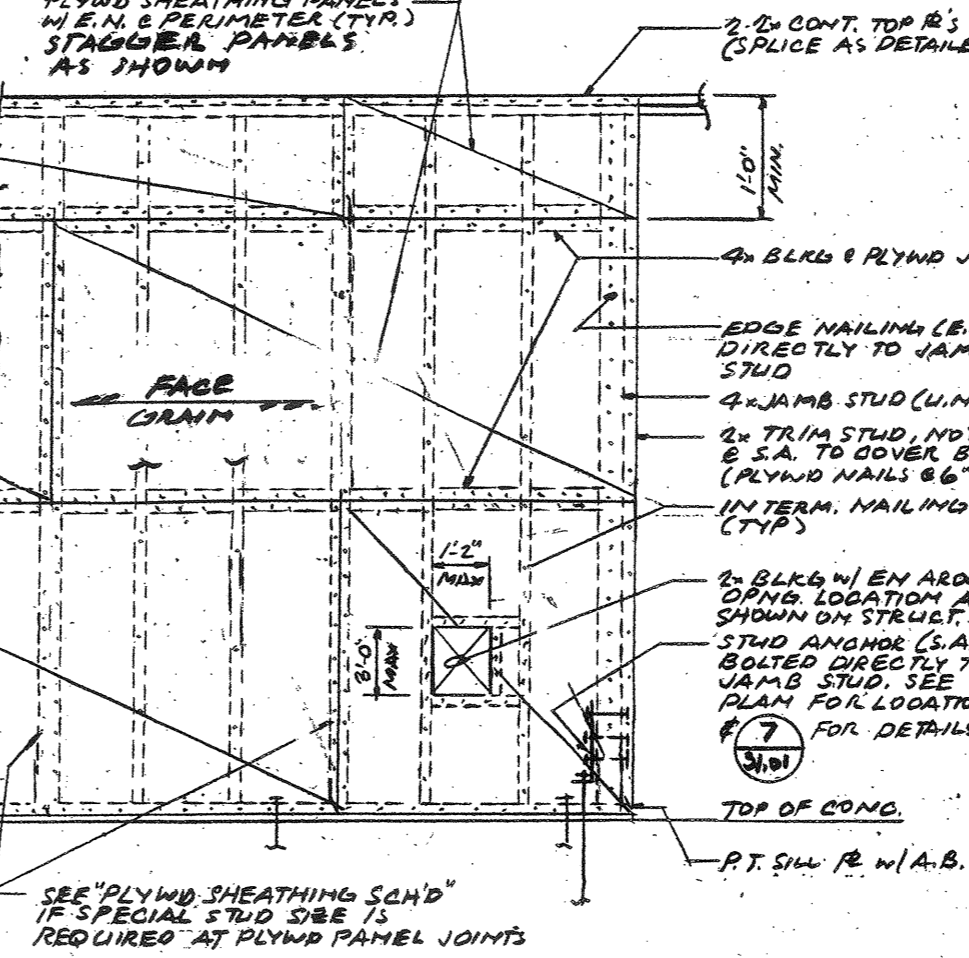
17 STUD WALL CONNECTIONS (M.P.S.)



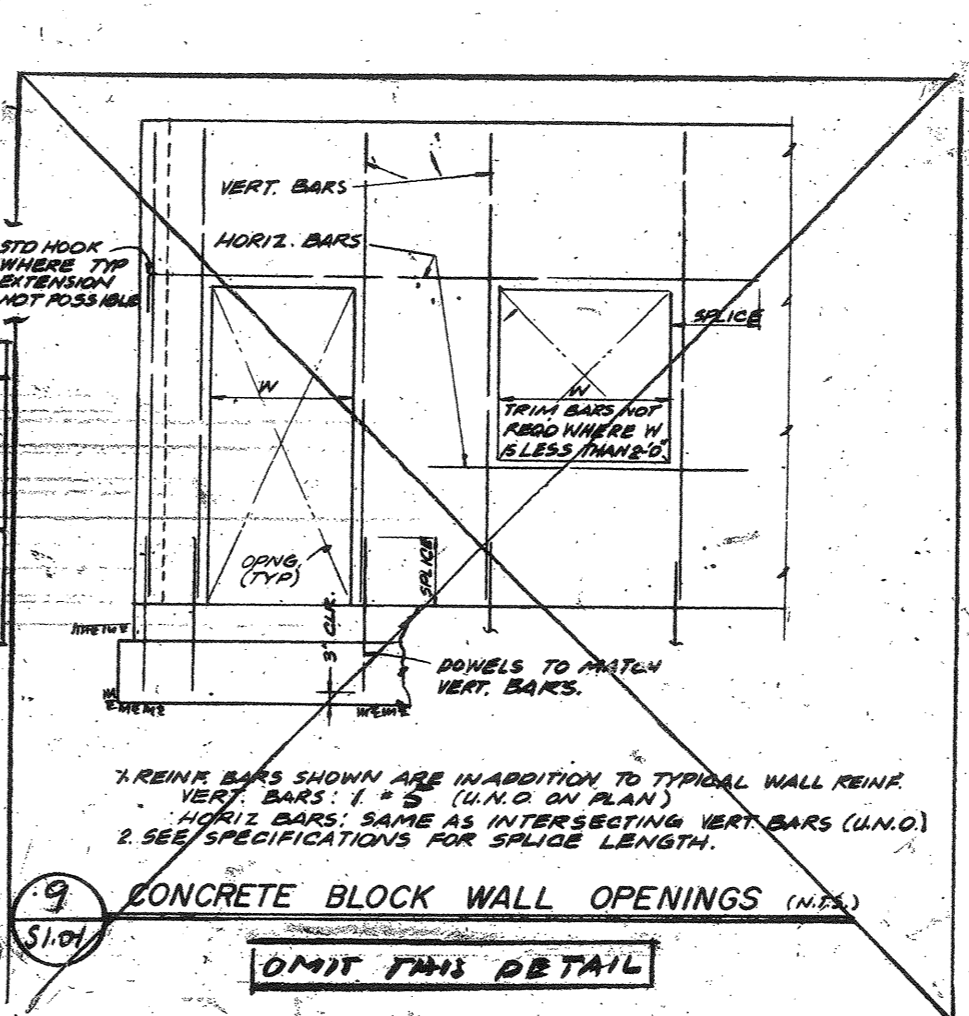
6 TYPICAL STUD ANCHOR (SA) (M.P.S.)



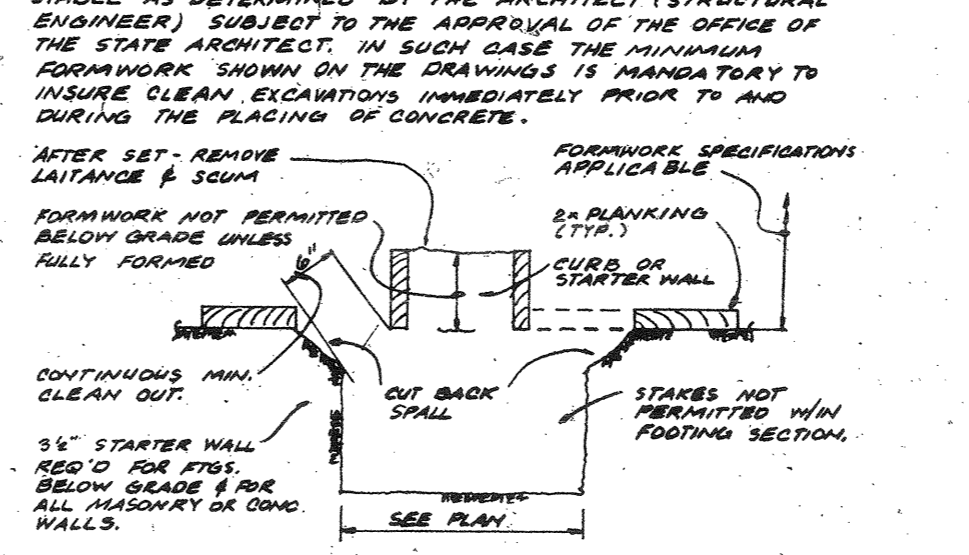
7 TYPICAL STUD ANCHOR (SA) (M.P.S.)



8 SHEAR PANEL DETAILS (M.P.S.)



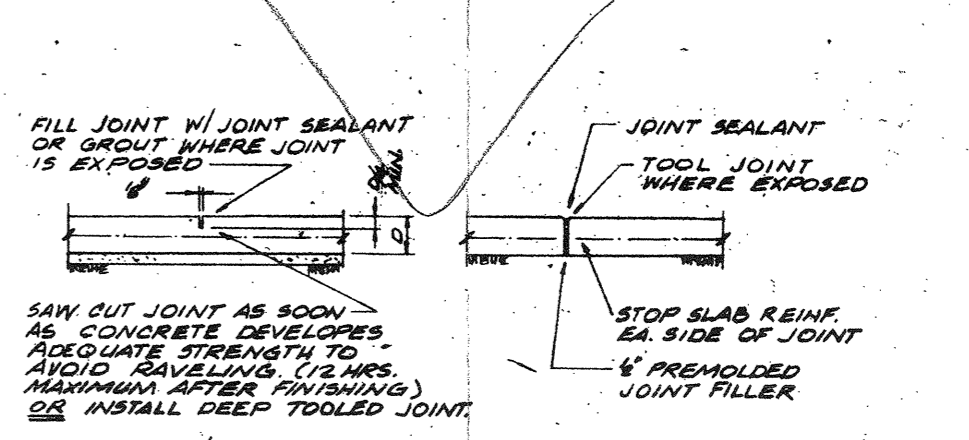
9 CONCRETE BLOCK WALL OPENINGS (M.P.S.)



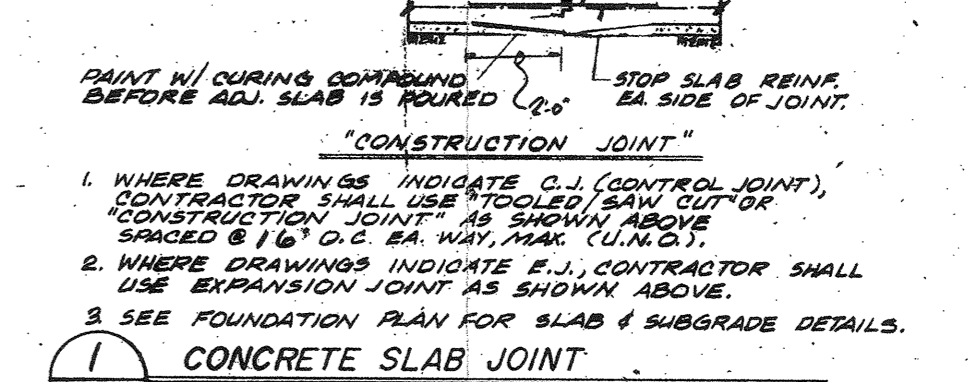
10 UNFORMED FOOTING (M.P.S.)



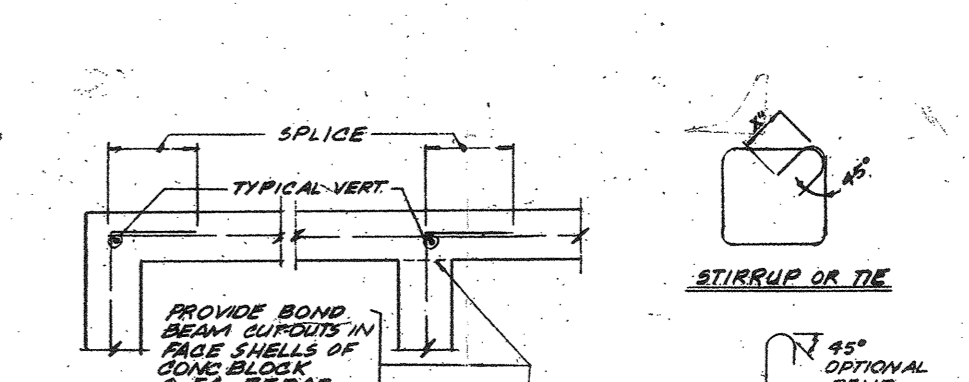
11 "OMIT"



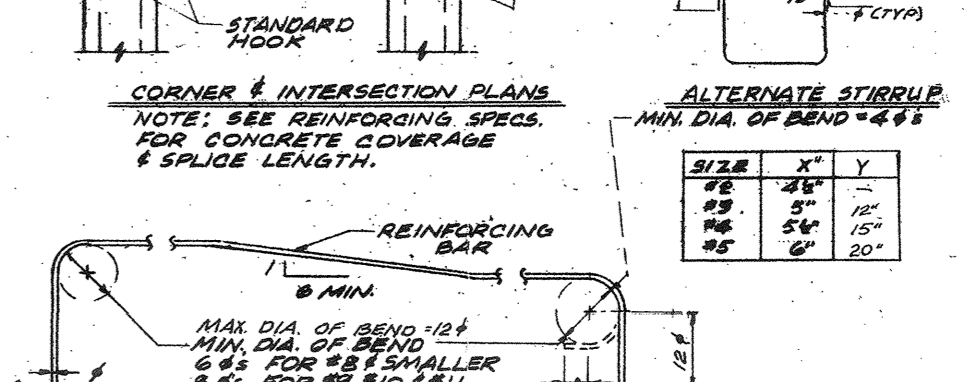
1 CONCRETE SLAB JOINT (M.P.S.)



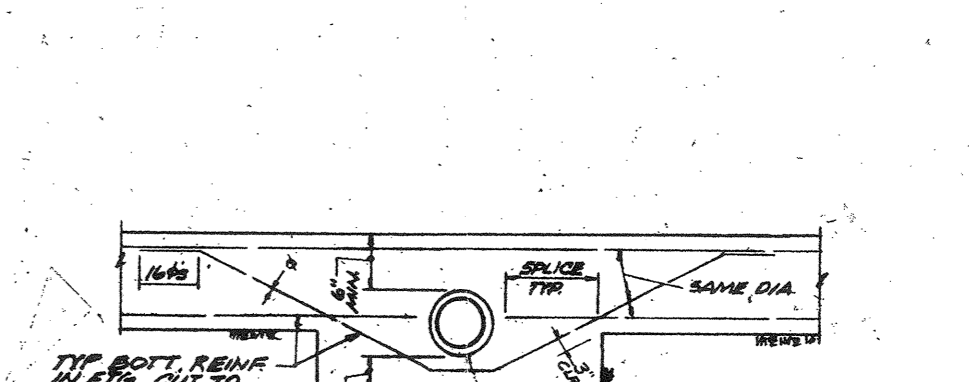
2 REINFORCING DETAILS (M.P.S.)



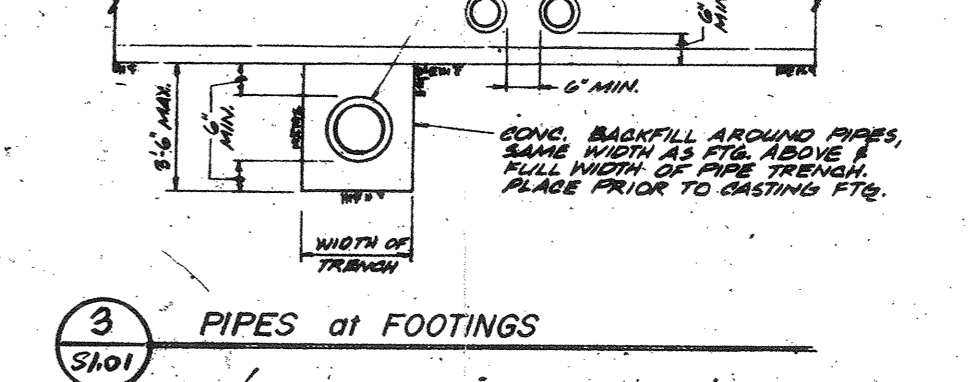
3 PIPES at FOOTINGS (M.P.S.)



4 STEP FOOTINGS (M.P.S.)



5 TRENCH - FOOTING CLEARANCE (M.P.S.)



6 CONCRETE CONSTRUCTION JOINTS (M.P.S.)

APPENDIX # 5 6-18-97

1. WHERE DRAWINGS INDICATE C.J. (CONSTRUCTION JOINT), CONTRACTOR SHALL USE TYPICAL C.J. DETAIL ABOVE UNLESS OTHERWISE NOTED.
 2. WHERE DRAWINGS INDICATE E.J., CONTRACTOR SHALL USE REINFORCING JOINT AS SHOWN ABOVE.
 3. SEE FOUNDATION PLAN FOR SLAB & SUBGRADE DETAILS.

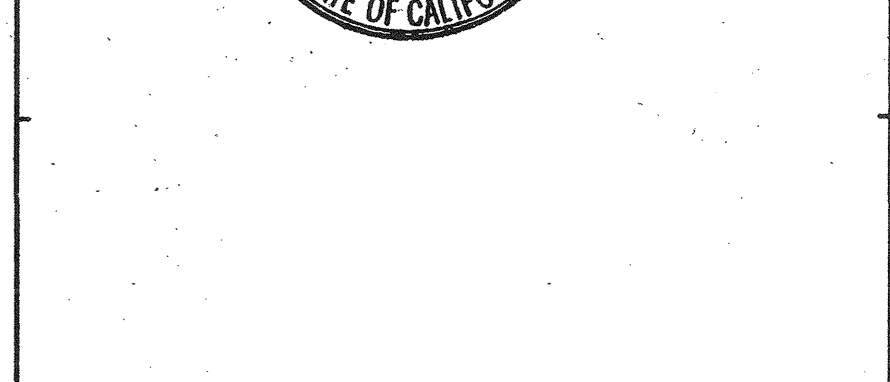
CONCRETE CONSTRUCTION JOINTS (M.P.S.)



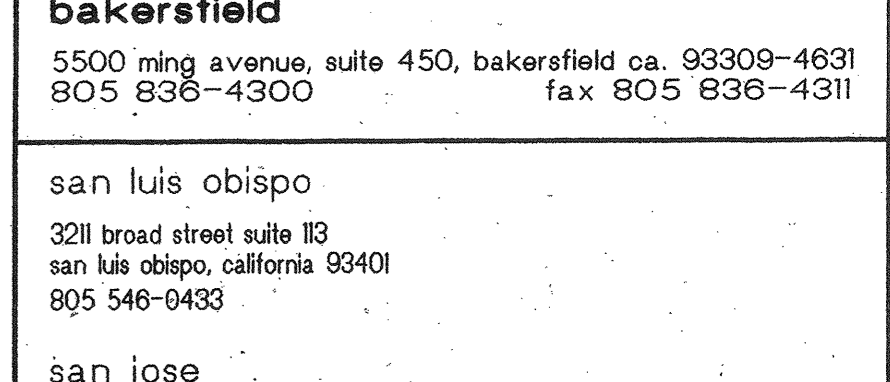
18 TYPICAL VERT. (M.P.S.)



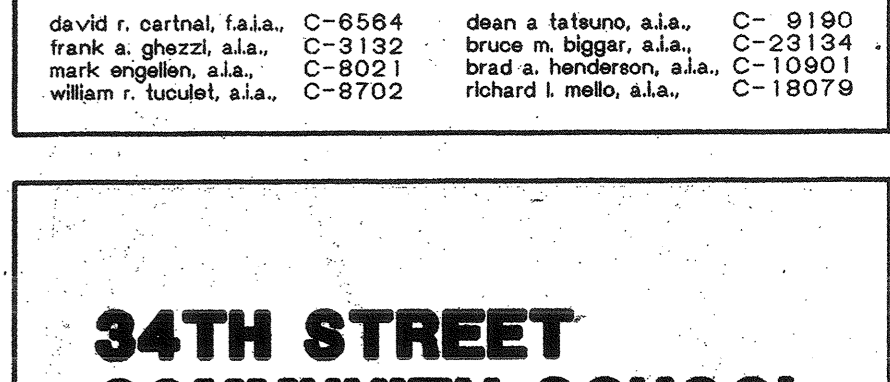
19 ALTERNATE STIRRUP (M.P.S.)



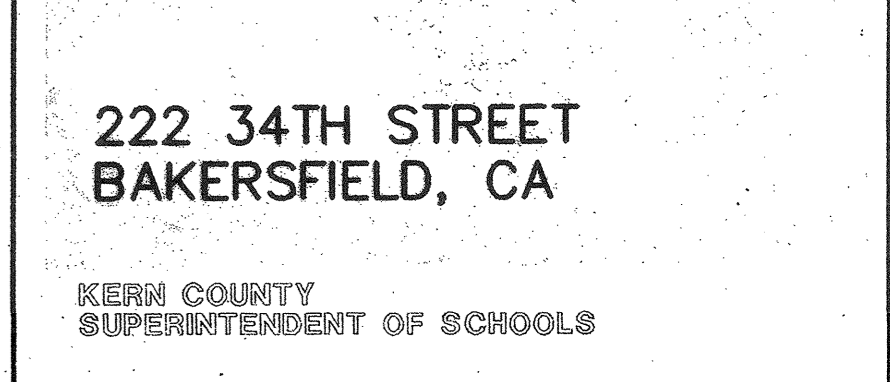
20 STANDARD HOOK (M.P.S.)



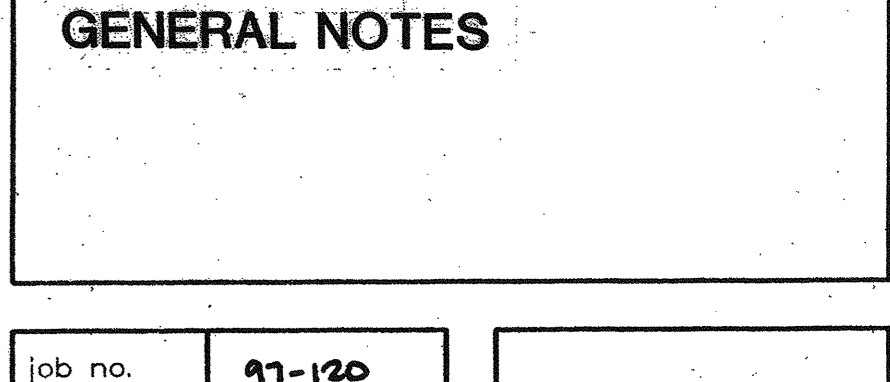
21 REINFORCING BAR (M.P.S.)



22 REINFORCING BAR (M.P.S.)



23 REINFORCING BAR (M.P.S.)



24 REINFORCING BAR (M.P.S.)

25 REINFORCING BAR (M.P.S.)

PLT. DATE: 5-28-97
 P&N NAME: 09AM97-181848R511-45
 #97026B



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 bakersfield
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 180 west santa clara st suite 525
 san jose, california 95133
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principal architects
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 frank a. ghezzi, a.s.a. C-8132 bruce m. boggs, a.s.a. C-23184
 mark wagner, a.s.a. C-8921 bruce a. henderson, a.s.a. C-10901
 william r. lucas, a.s.a. C-8702 richard i. melo, a.s.a. C-18079

34TH STREET COMMUNITY SCHOOL EXPANSION

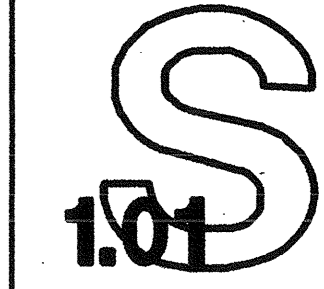
222 34TH STREET
 BAKERSFIELD, CA

KERN COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

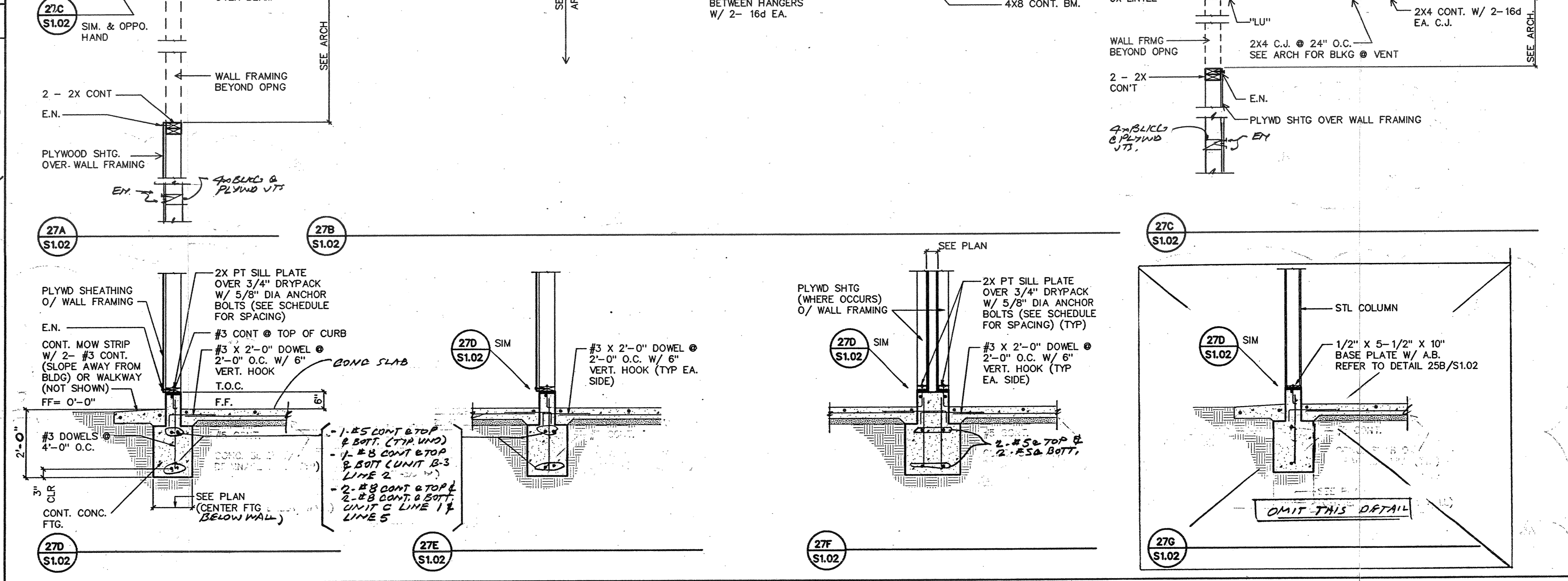
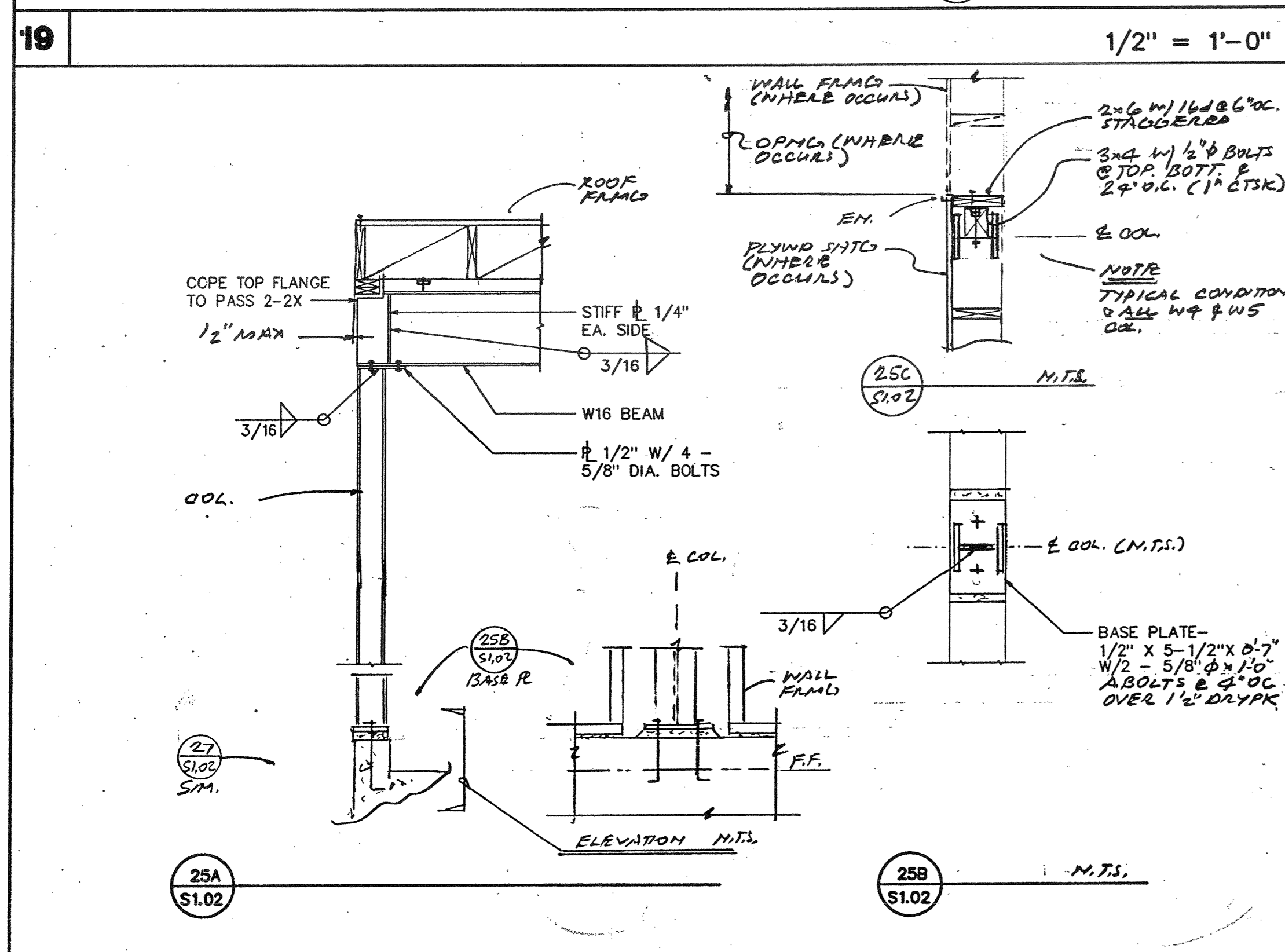
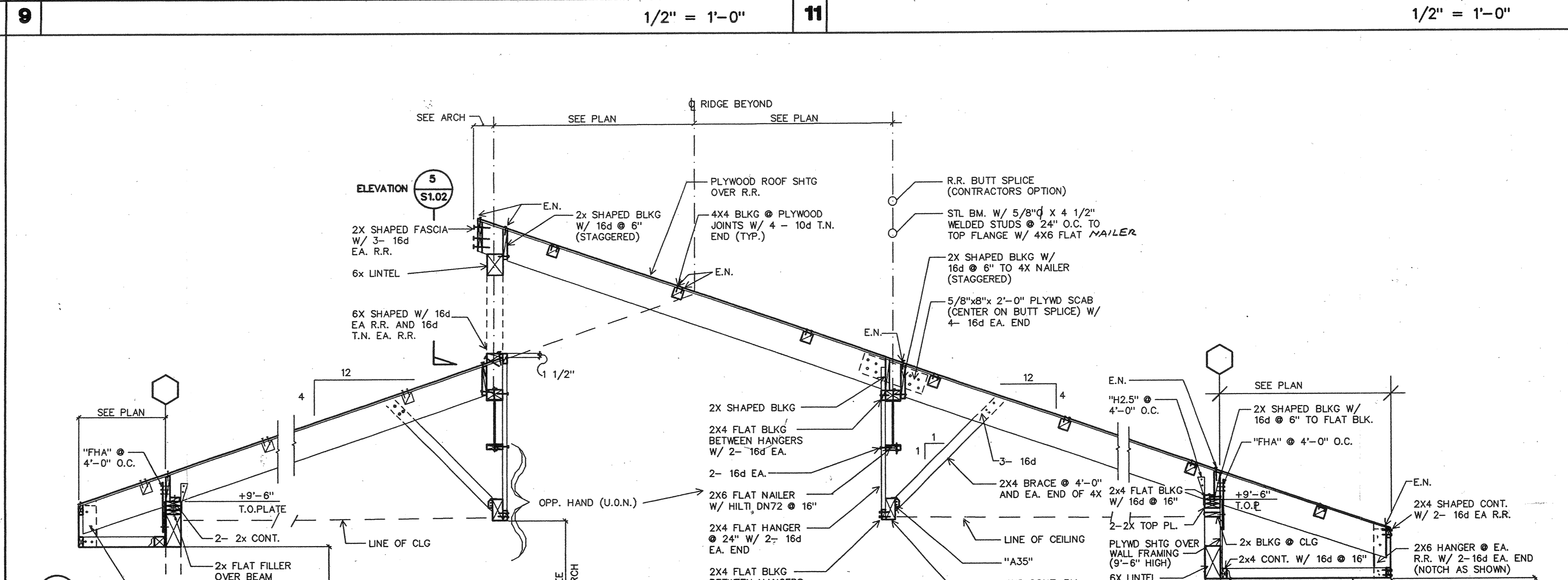
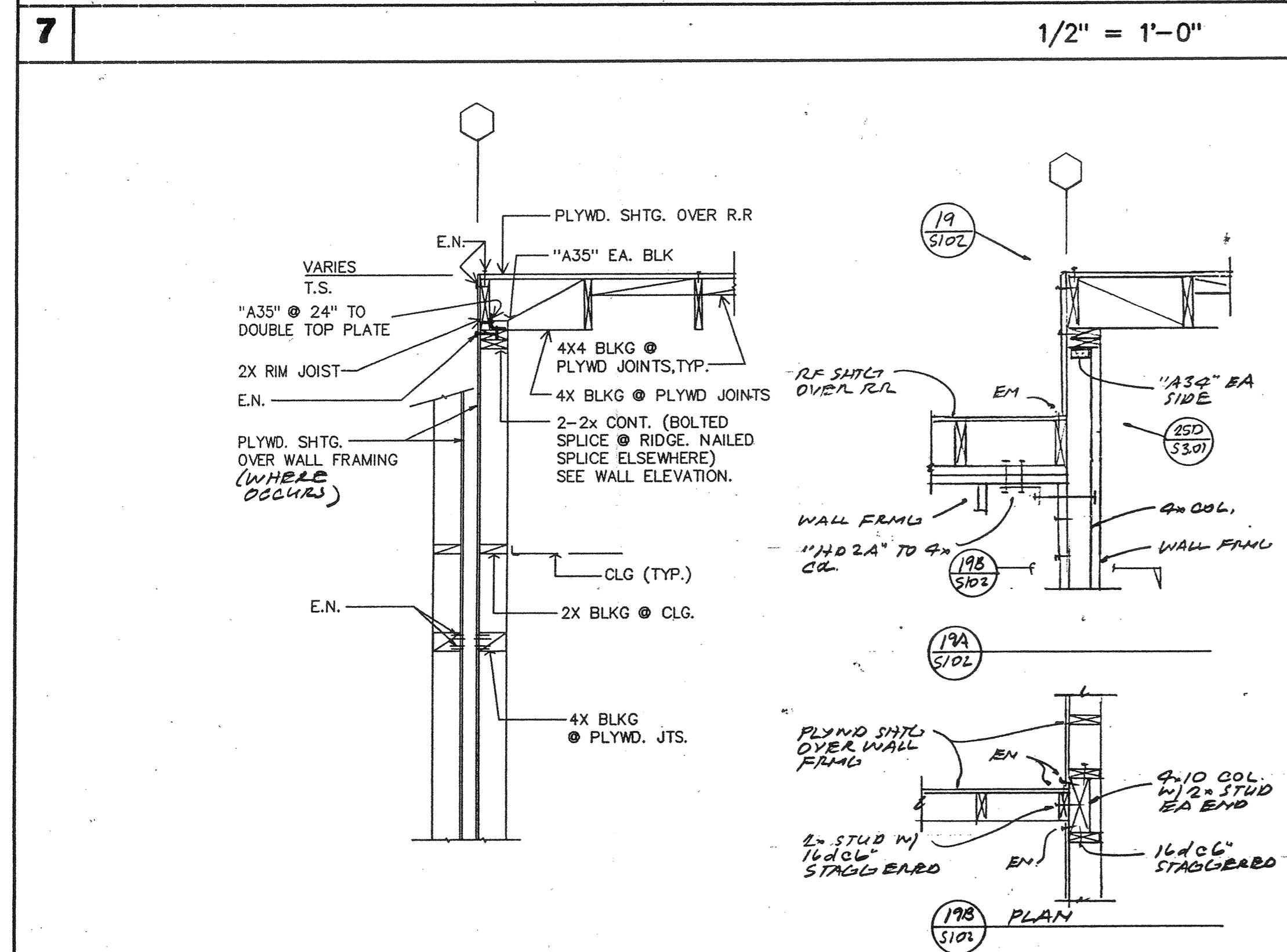
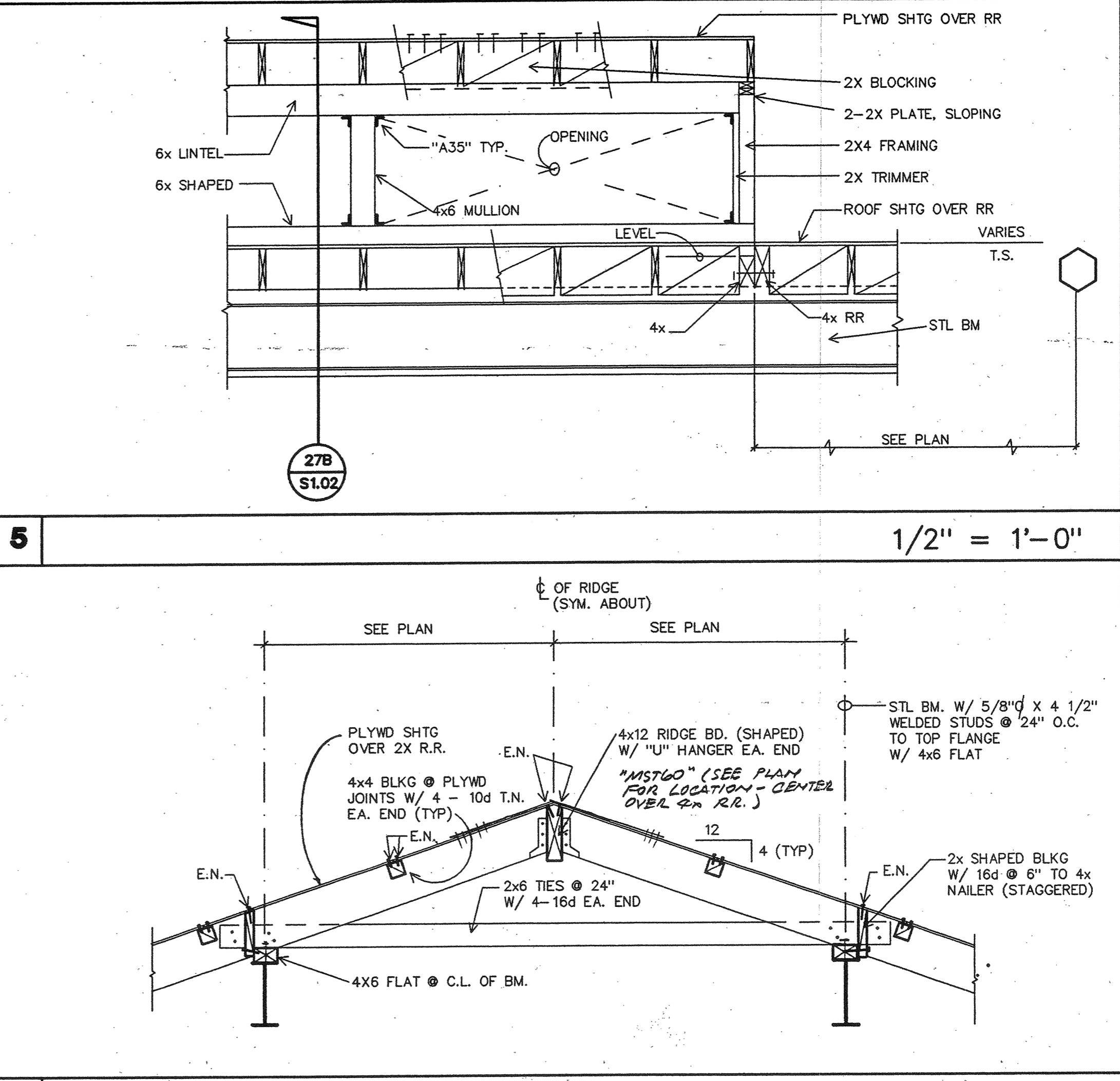
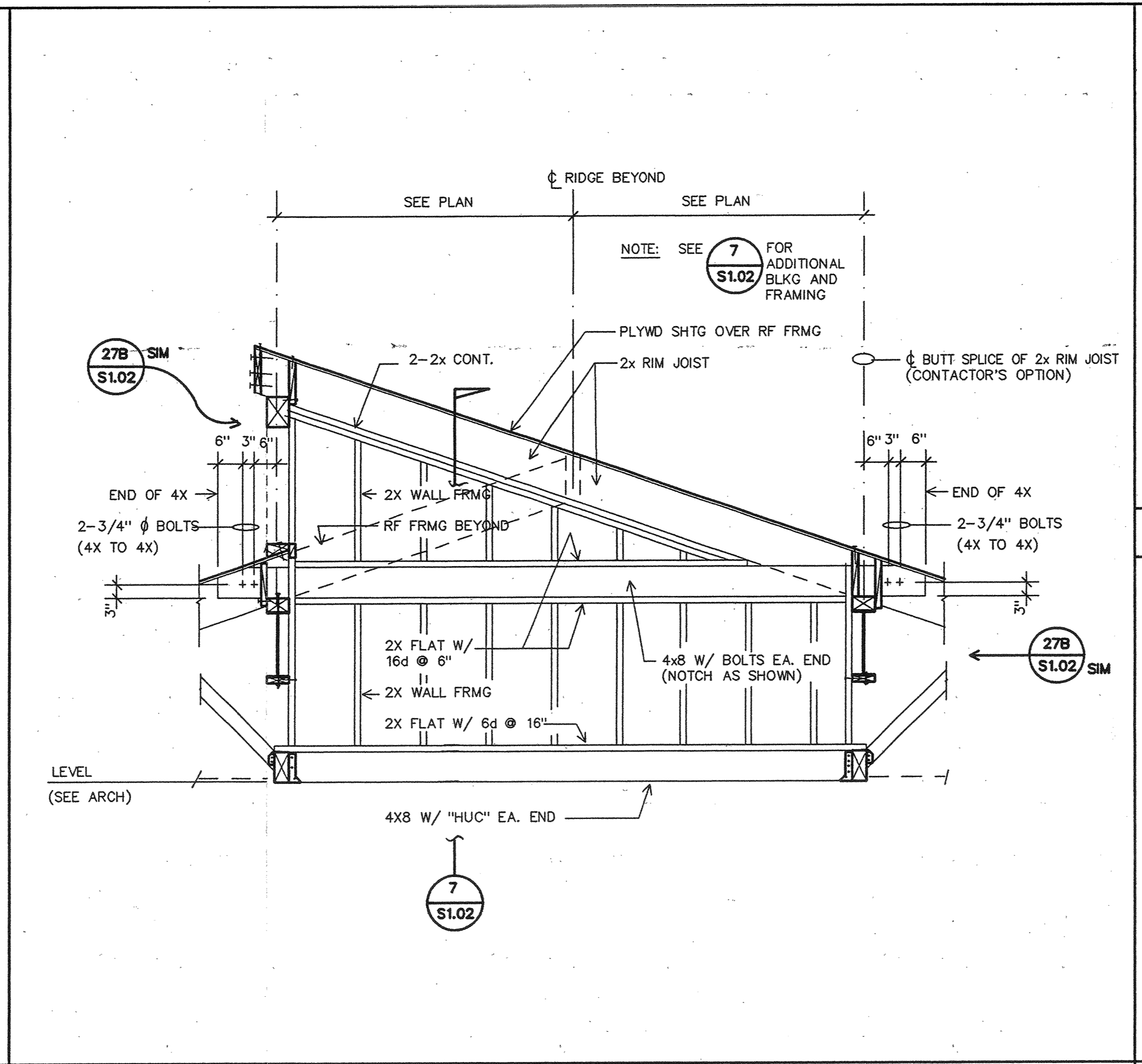
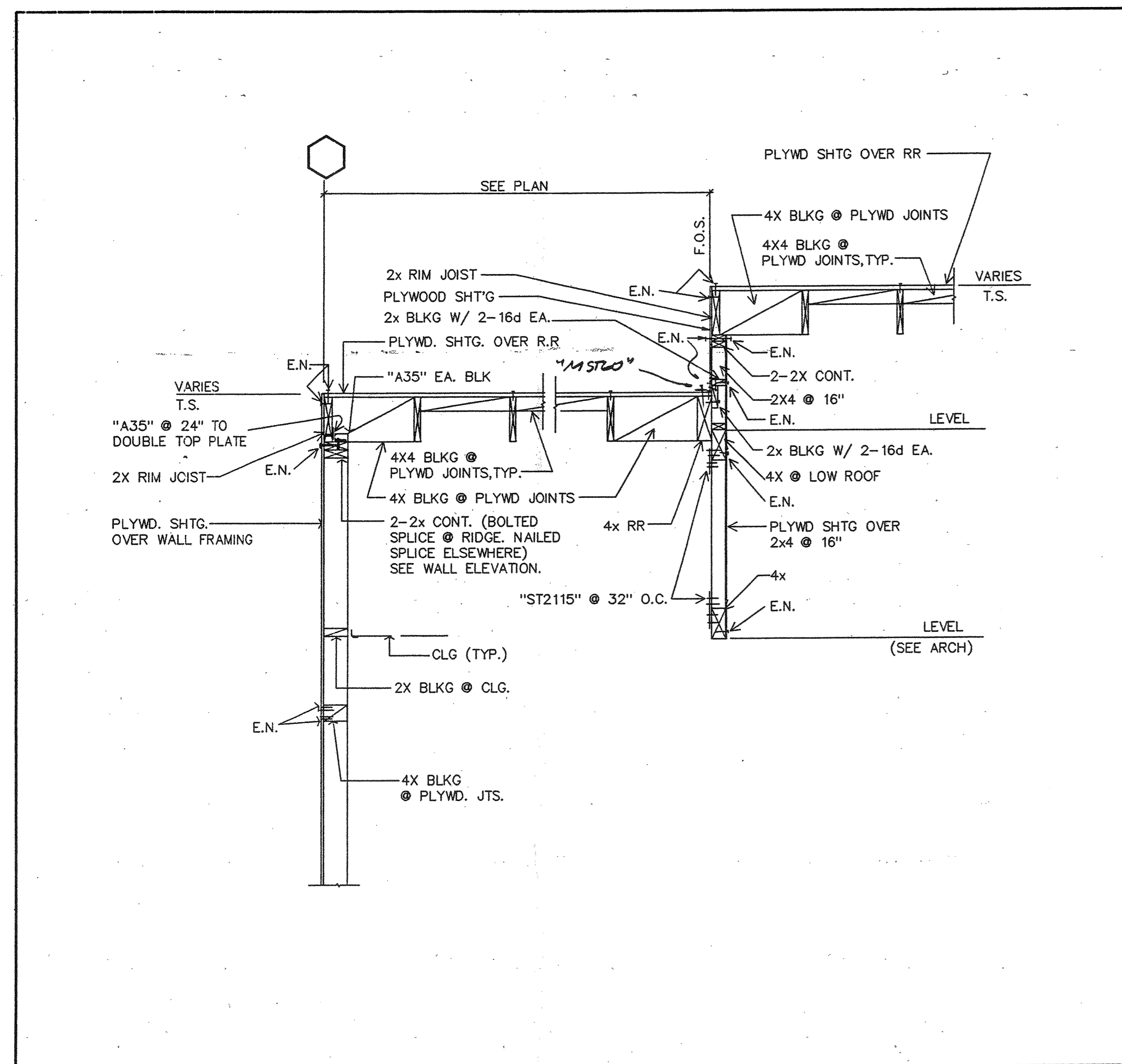
STRUCTURAL GENERAL NOTES

job no.	17-120
date	05-28-97
drawn by	JOF
chk'd by	JOF
copyright	1997





ADDENDUM No. 4 6-18-97 J.A.P.



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san luis obispo 328 broad street suite 113 san luis obispo, california 93401 805 546-0433

san jose 160 west santa clara st. suite 525 san jose, california 95131 408 924-0941

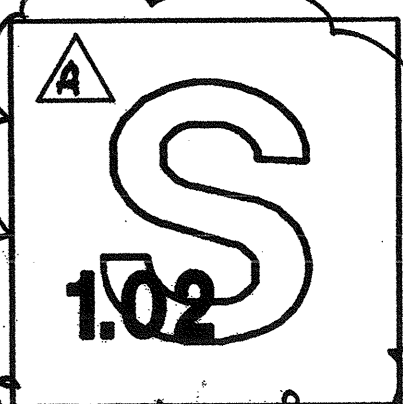
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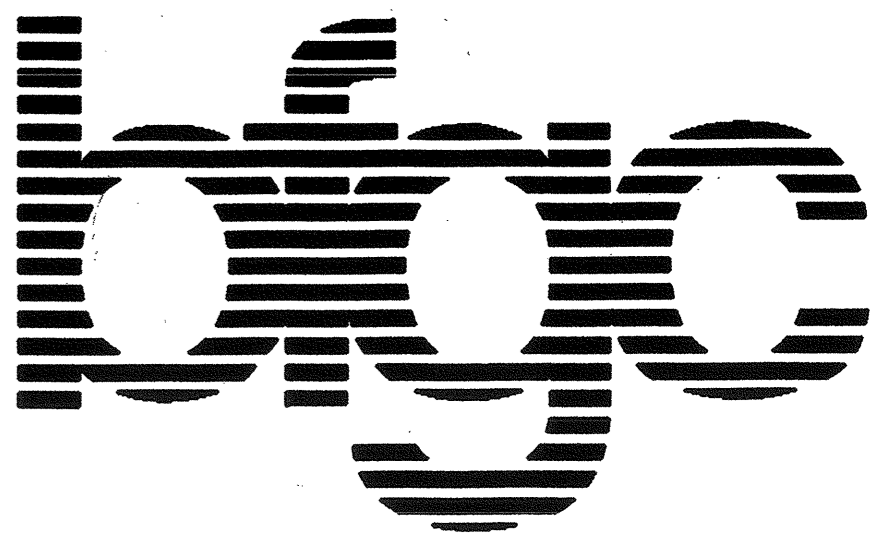
34TH STREET COMMUNITY SCHOOL EXPANSION 222 34TH STREET BAKERSFIELD, CALIFORNIA KERRI COUNTY SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

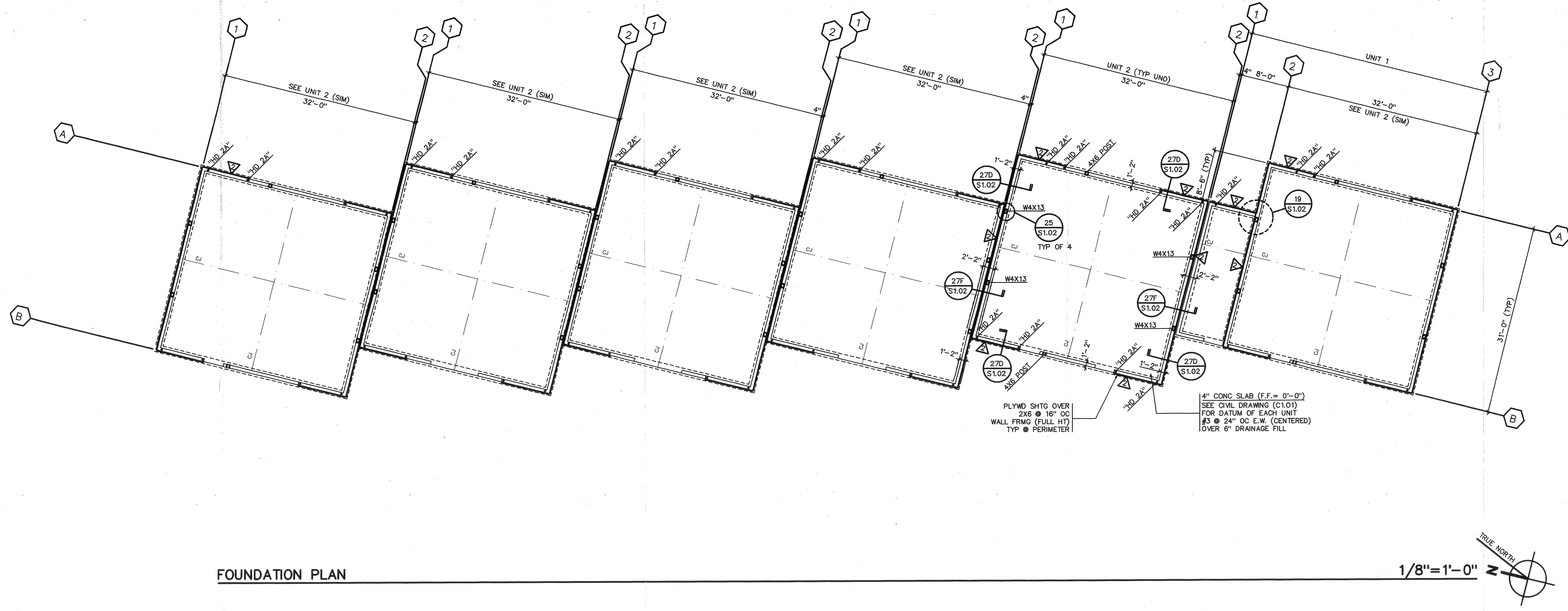
FRAMING SECTIONS DETAILS

job no.	97-120
date	05-28-97
drawn by	R. TROST
chk'd by	R. TROST
copyright	1997



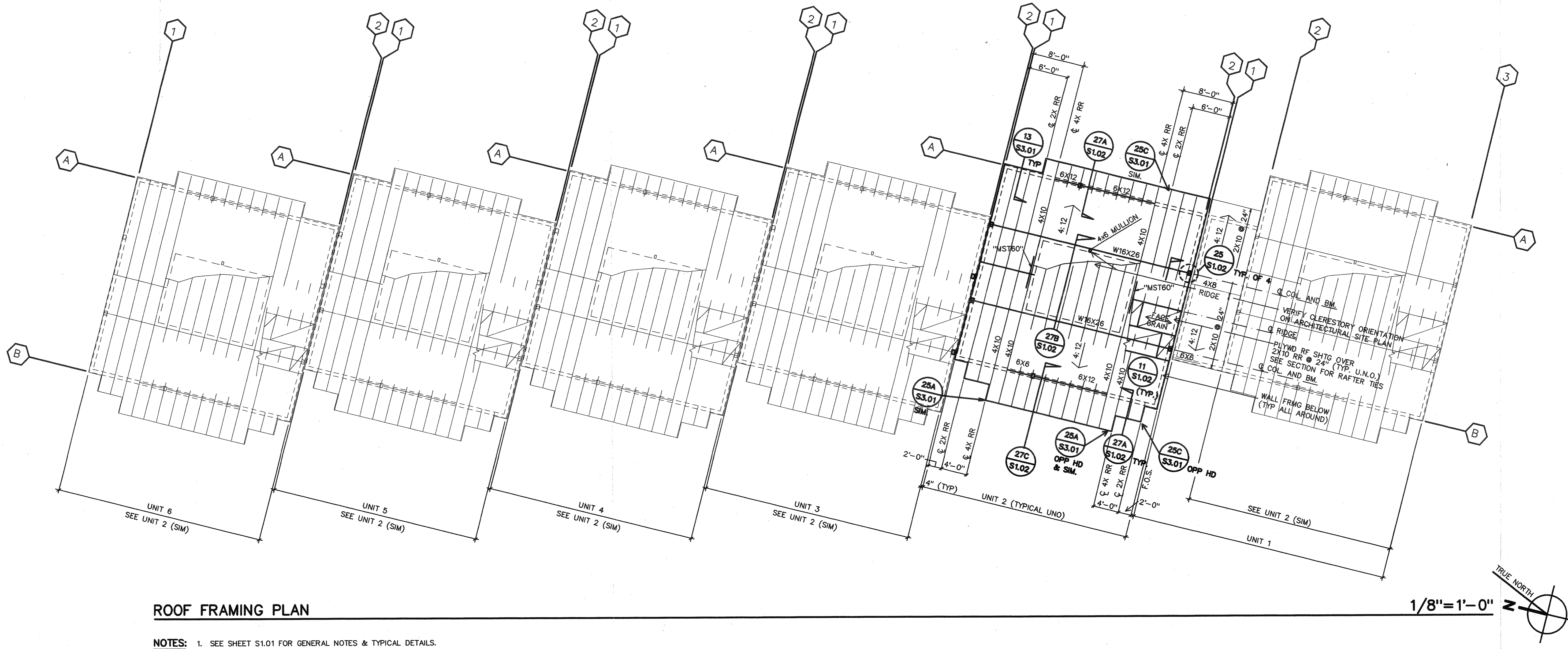


APPENDIX NO. 4 6-16-97



FOUNDATION PLAN

1/8"=1'-0" TRUE NORTH



ROOF FRAMING PLAN

1/8"=1'-0" TRUE NORTH

- NOTES:**
- SEE SHEET S1.01 FOR GENERAL NOTES & TYPICAL DETAILS.
 - SEE SITE PLAN (A1.01) FOR ORIENTATION AND DATUM. NOTE THAT PLANS MAY BE PARTIALLY OR ENTIRELY OPPOSITE HAND FROM THAT SHOWN ON THE STRUCTURAL DRAWINGS.

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34TH STREET COMMUNITY SCHOOL EXPANSION

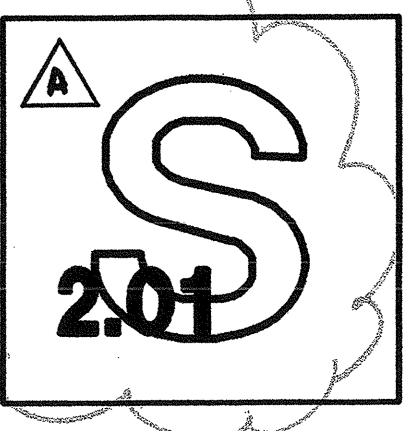
222 34TH STREET
 BAKERSFIELD, CALIFORNIA

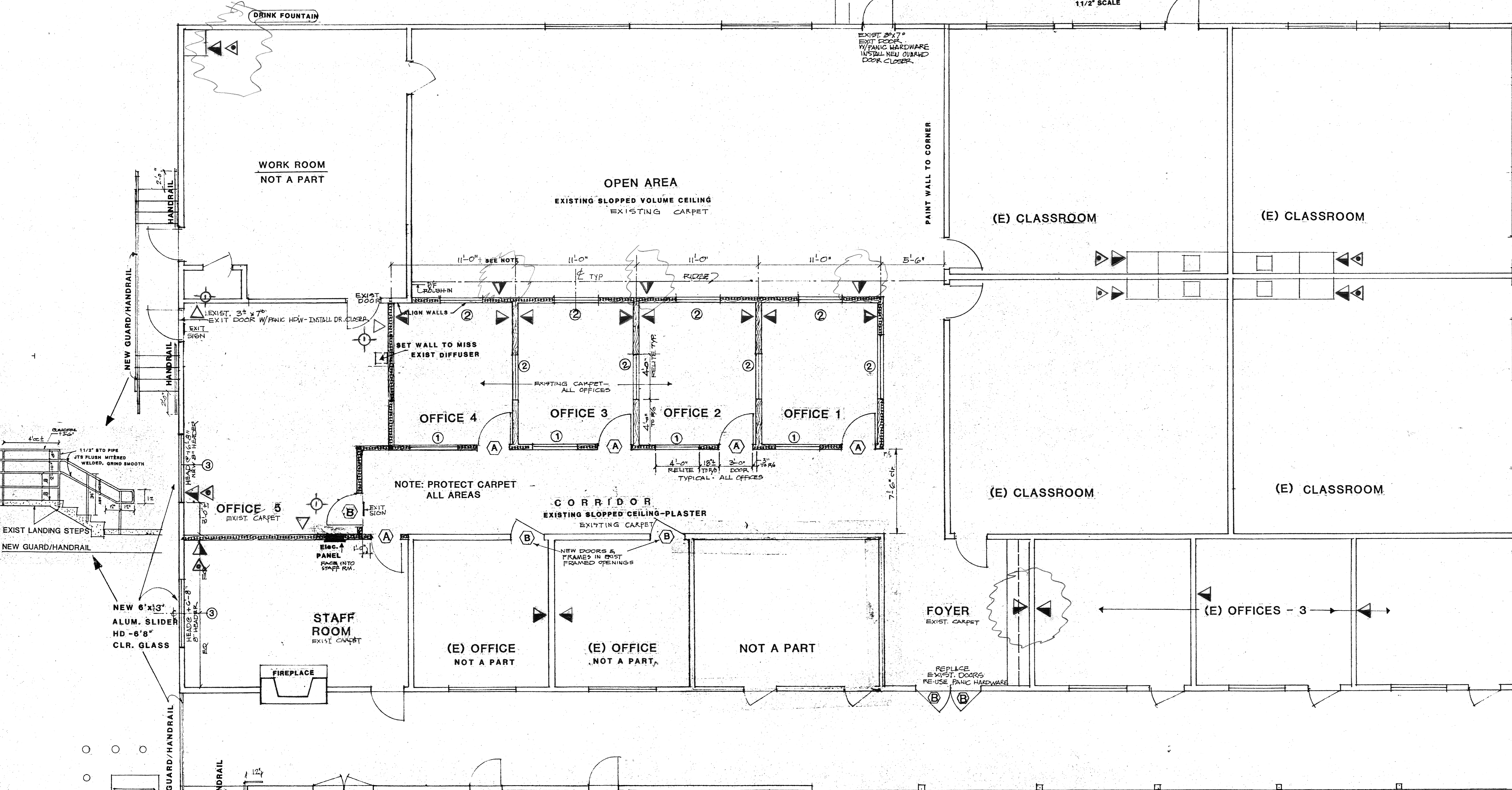
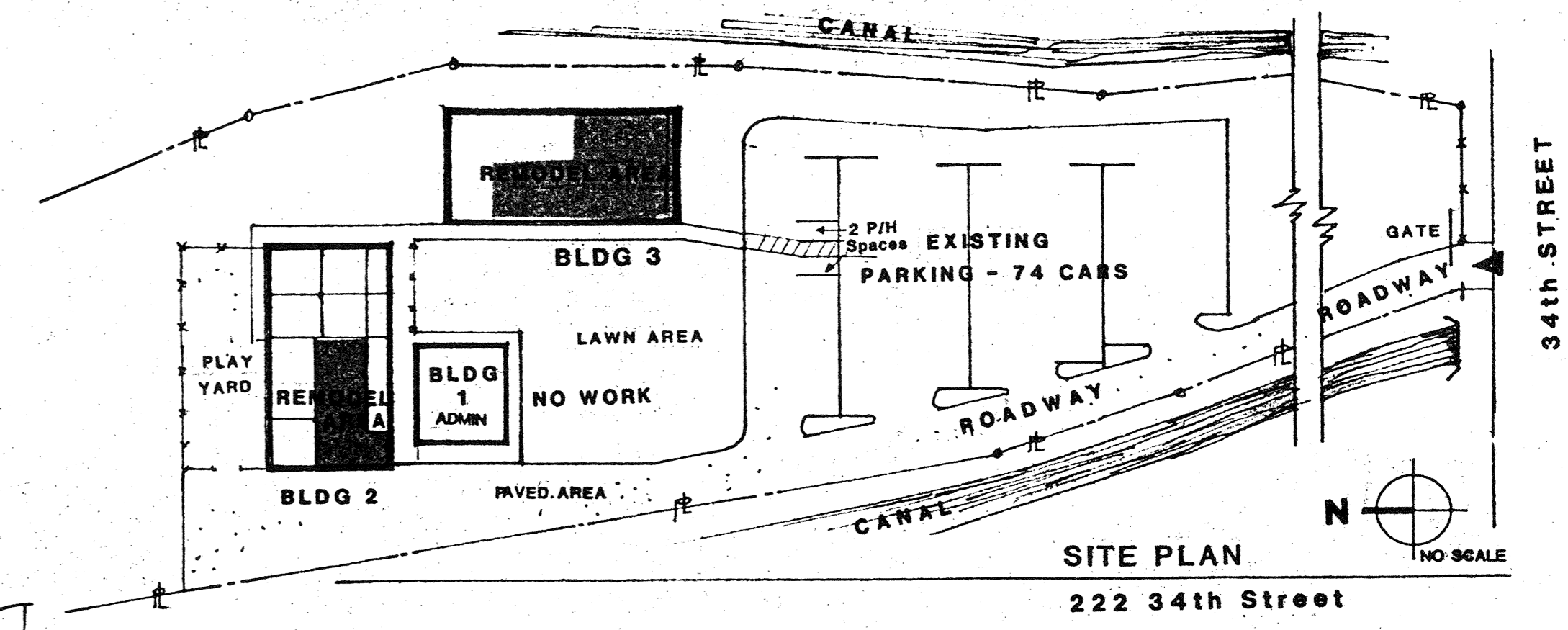
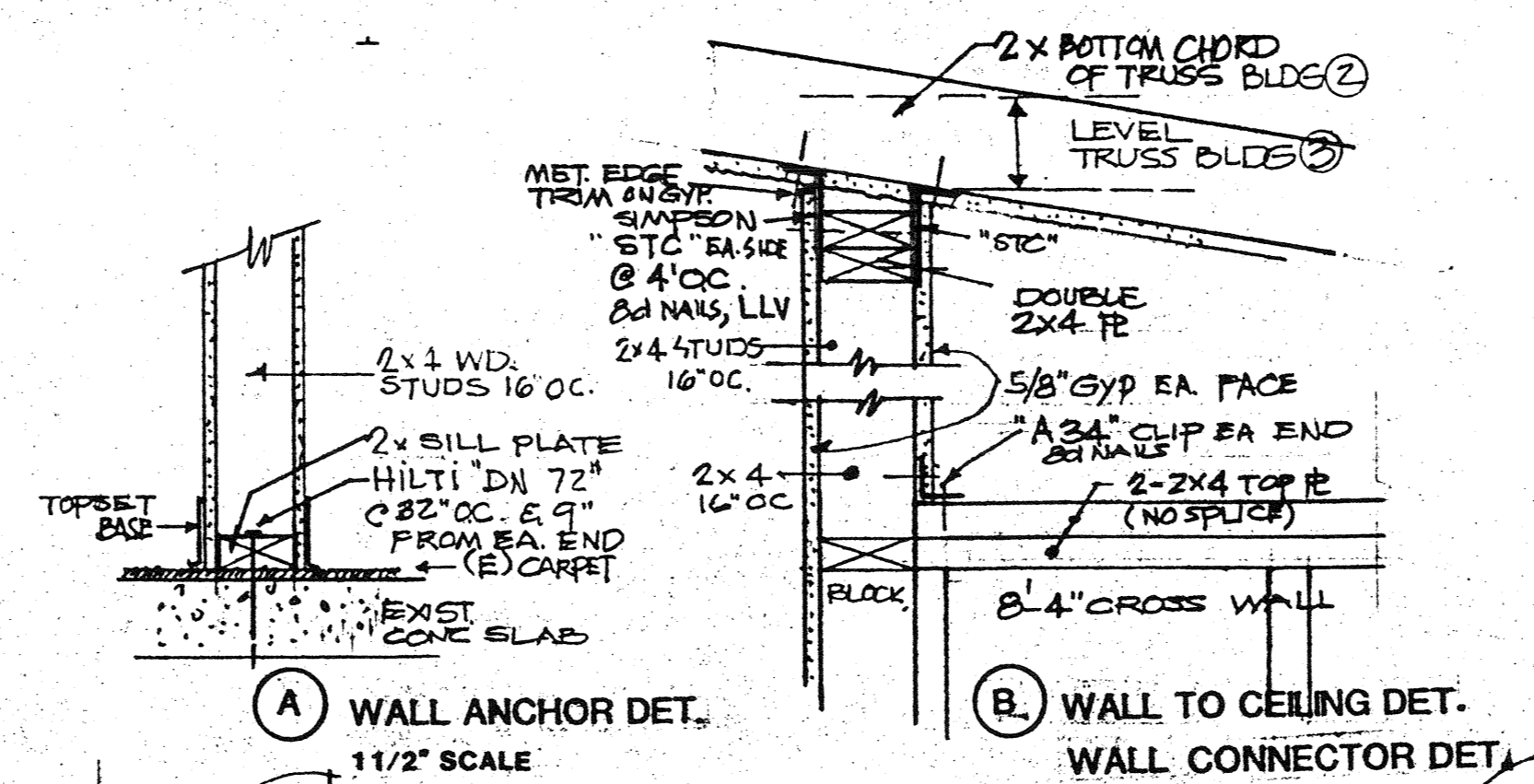
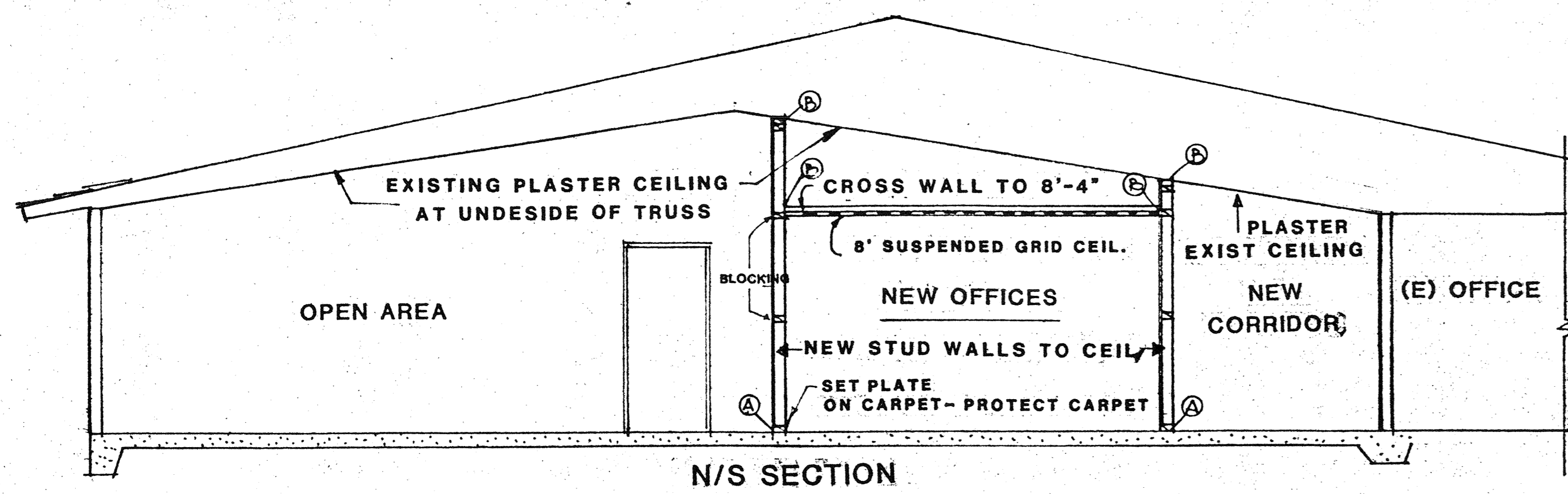
KERN COUNTY
 SUPERINTENDENT OF SCHOOLS

ISSUED FOR B.P. #17, #20, #24

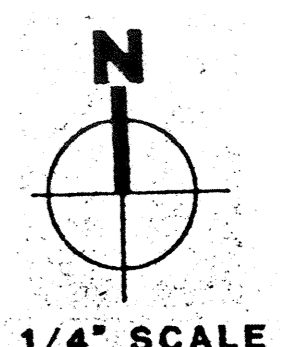
FOUNDATION PLANS
ROOF FRAMING PLANS

job no.	97-120
date	05-28-97
drawn by	R. TROST
chk'd by	R. TROST
copyright	1997





- ▲ TELEPHONE ONLY
- △ DATA ONLY
- ▲ VOICE/DATA
- ▲ DUAL VIDEO
- THIS OUTLET WILL CONTAIN (E) DATA CABLES - BOTH TERMINATED, AND (1) VOICE CABLE UNTERMINATED



WALL KEY; (BUILDING 2 ONLY)
 EXISTING STUD WALLS TO CEILING → PROTECT EXISTING NEW PAINT.
NEW CONSTRUCTION:
 2x4 STUD WALLS TO EXISTING CEILING → PAINT FINISH - 2 CTS
 5/8\"/>

BLDG. 2 DOOR-RELITE SCHEDULE
 SEE TIMELY FRAME NOTES BLDG. 3 SCHEDULE

(A) CORRIDOR DOOR ALUMINUM 20 MINUTE RATED W/ CLOSER	(B) CORRIDOR DOOR W/ WHITE W/ CLOSER	(1) INT. RELITES	(2)	(3) EXTERIOR SASH
--	--------------------------------------	------------------	-----	-------------------

TOTAL BLDG. AREA: 7200sf
 REMODEL AREA: 1765sf
FLOOR PLAN BUILDING 2

SHEET INDEX

1	BLDG 2 REMODEL PLAN
2	BLDG 2 CEILING PLAN ELECTRICAL/MECHANICAL
3	BLDG 3 REMODEL PLAN
4	BLDG 3 CEILING PLAN ELECTRICAL PLAN
5	BLDG 3 MECHANICAL PLAN

approved	HARDWARE: PASSAGE LATCH 'A' SERIES LEVER G20 FINISH				C. 3132 C. 3269 C. 6504 C. 8021 C. 8702 © copyrighted 198	bfgc inc. architects planners 31 south real road box 9698 bakersfield california 93309 805 832 8122	INTERIOR REMODEL PLAN KOSS - KERN COMMUNITY SCHOOL 222 34th STREET BAKERSFIELD, CA.	job 94-114B date 2/24/95	1
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bfgc architects - planners

