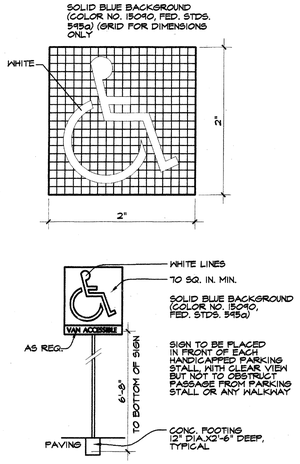
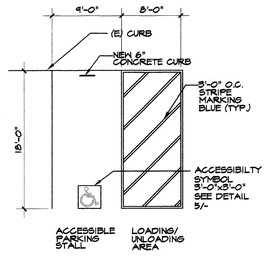


HANDICAP PARKING DETAIL

SCALE: NTS

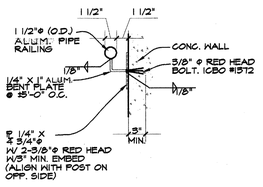
6



PARKING STALL

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

5



HANDRAIL DETAIL

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

4

PARKING NOTES

Ⓐ IDENTIFICATION OF PARKING SPACES FOR OFF-STREET PARKING FACILITIES. EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE OR DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND, WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SIGNS MAY ALSO BE CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36 INCHES FROM THE PARKING SPACE FINISHED GRADE, GROUND OR SIDEWALK. SPACES COMPLYING WITH 3107A.6(2) SHALL HAVE AN ADDITIONAL SIGN "VAN - ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY. SEE

Ⓑ AN ADDITIONAL SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM, EACH STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT

_____ OR BY

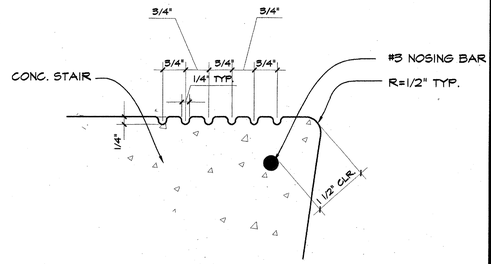
TELEPHONING _____." BLANK SPACES ARE TO BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN, PRIOR TO INSTALLATION.

IN ADDITION TO THE ABOVE REQUIREMENTS, THE SURFACE OF EACH ACCESSIBLE PARKING SPACE OR STALL SHALL HAVE A SURFACE IDENTIFICATION DUPLICATING EITHER OF THE FOLLOWING SCHEMES:

Ⓒ 1. BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONSTRASTING COLOR A PROFILE VIEW DEPICTING A WHEELCHAIR WITH OCCUPANT;

OR

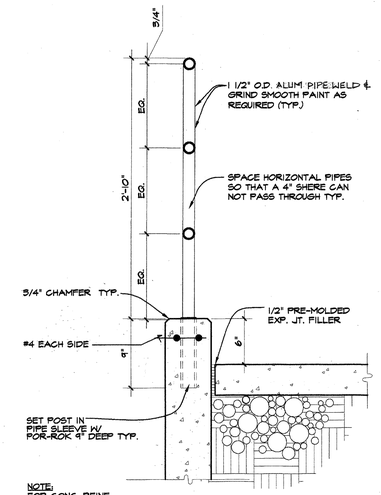
2. BY OUTLINING A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED INT HE SPACE AND SHALL BE 36 INCHES HIGH BY 36 INCHES WIDE.



STAIR NOSING DETAIL

SCALE: HALF SIZE

3

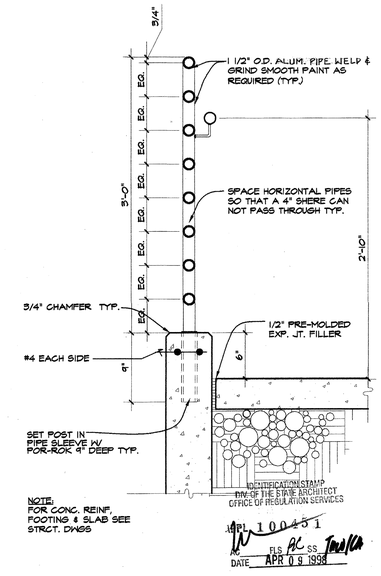


NOTE:
FOR CONC. REINF, FOOTING & SLAB SEE STRCT. DWGS

GUARDRAIL DETAIL

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

2



NOTE:
FOR CONC. REINF, FOOTING & SLAB SEE STRCT. DWGS

GUARDRAIL DETAIL

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

1

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE 1

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1
2
3
4
5

SHEET TITLE:

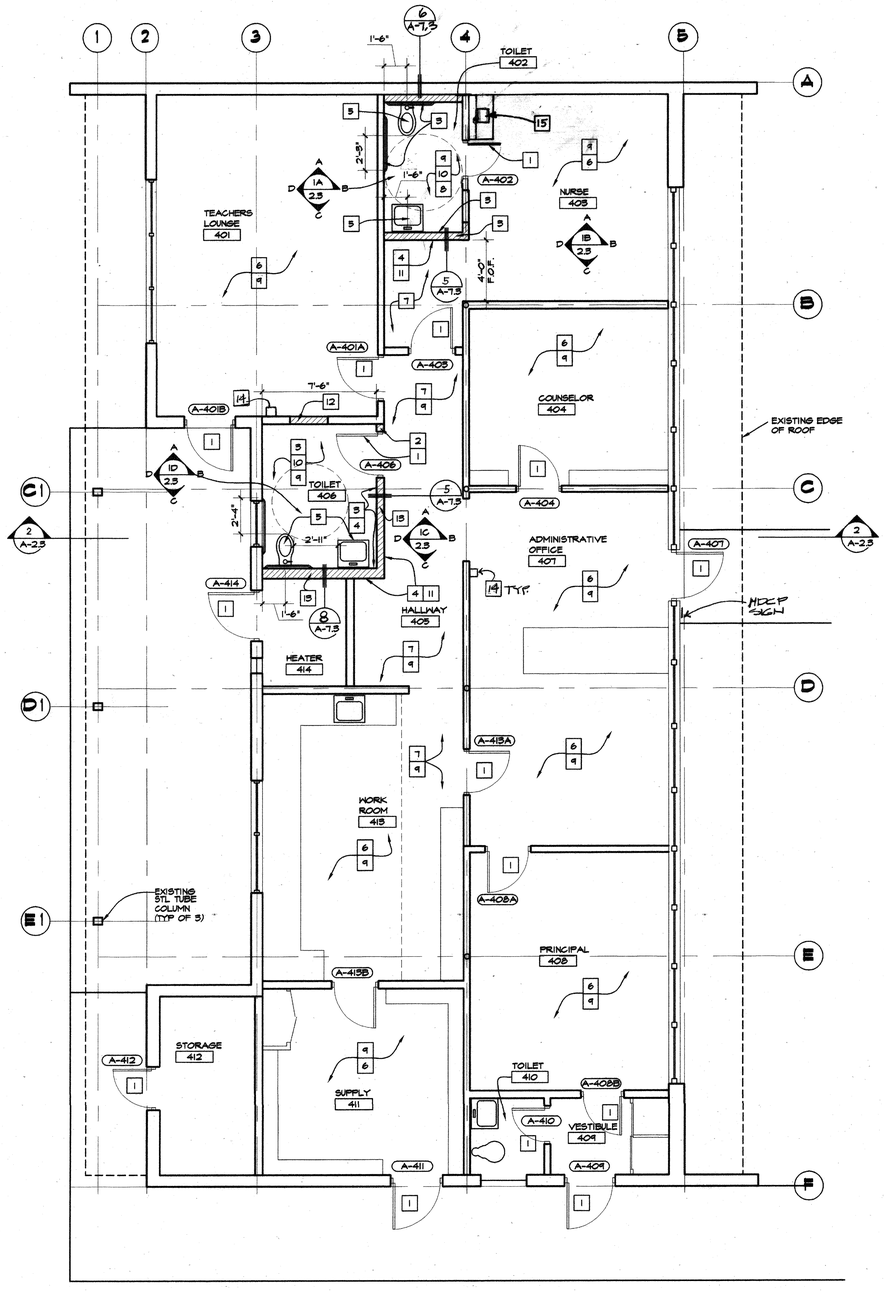
RAMP DETAILS & PARKING DETAILS

KEY PLAN:

SHEET NO:
A-1.3

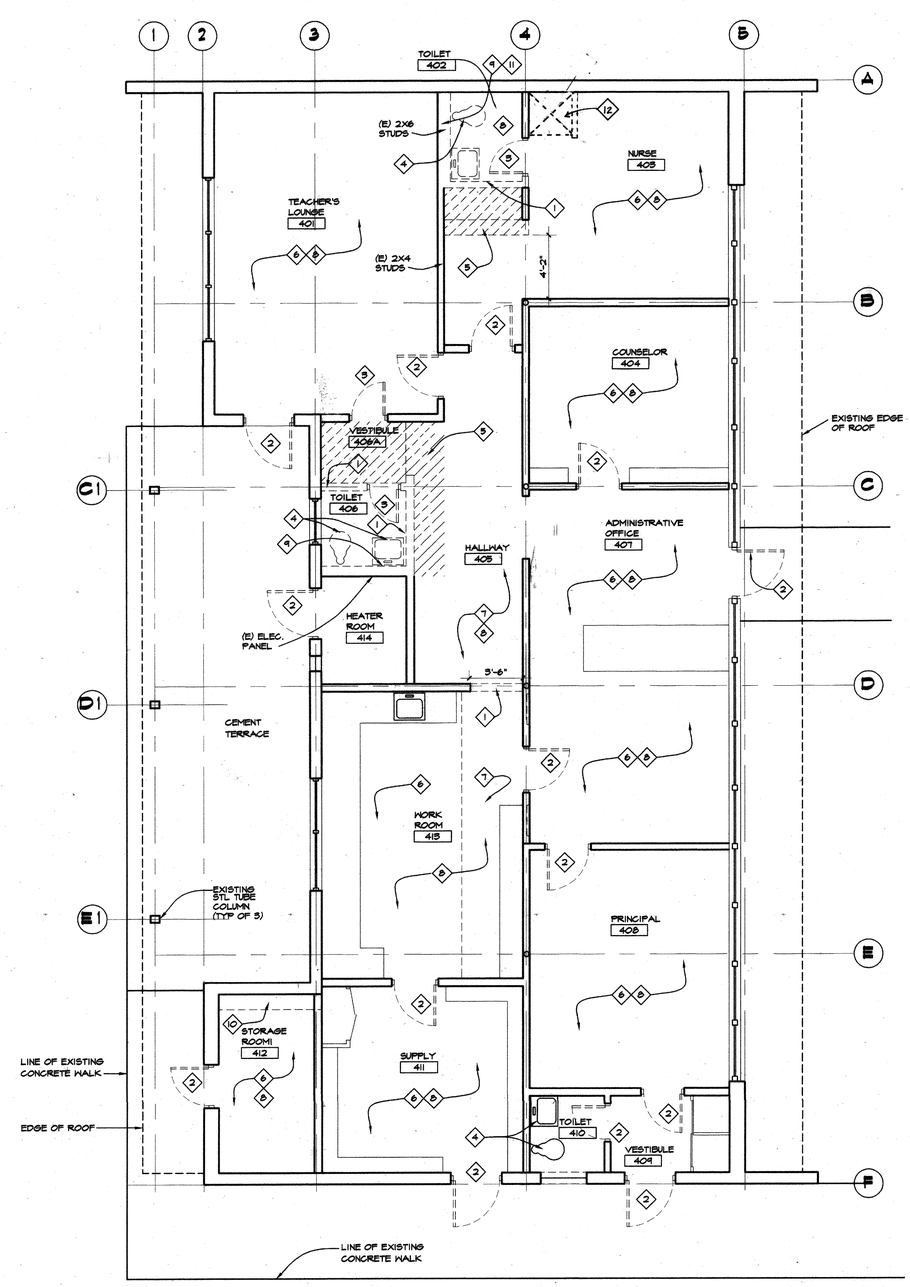
SCALE: AS SHOWN
DATE: 4/8/98 4/09/98
JOB NO: 9808.04
DRAWN BY: GM
CHECKED BY: RM
OF

9808.04



ADMINISTRATION BLDG. A - RENOVATION FLOOR PLAN (2)

1/4" = 1'-0"



ADMINISTRATION BLDG. A - DEMOLITION PLAN (1)

1/4" = 1'-0"

DEMOLITION NOTES

1. REMOVE ALL EXISTING WALLS (SHOWN DOTTED) IN DESIGNATED AREA COMPLETE.
2. REMOVE DOOR, RETAIN HARDWARE & FRAME.
3. REMOVE DOOR AND FRAME IN ENTIRETY.
4. REMOVE PLUMBING FIXTURES AND RELATED PIPING. CAP WASTE BELOW FLOOR SLAB.
5. REMOVE ASBESTOS TILE IN AREAS INDICATED ON PLAN. REMOVE 1½" OF CONCRETE SLAB TO PREP. FOR CERAMIC TILE.
6. REMOVE ACOUSTICAL CEILING TILES AND ASBESTOS ADHESIVE.
7. REMOVE PLASTER FURRED DOWN CEILING AND SUPPORT STRUCTURE.
8. REMOVE LIGHT FIXTURES AND SUPPORT SYSTEMS.
9. REMOVE ONLY ONE SIDE OF WALL, AS SHOWN. (E) PANEL LOCATION TO REMAIN W/ NEW PANEL, SEE ELEC.
10. REMOVE SHELVING, ANCHORS AND HARDWARE
11. CUT BACK (E) 2X6 WOOD STUDS TO MATCH ADJ. 2X4 STUDS
12. REMOVE (E) SHOWER

RENOVATION NOTES

1. PROVIDE NEW DOOR AND HARDWARE.
2. PROVIDE NEW DOOR FRAME.
3. PROVIDE CERAMIC TILE TO MATCH EXISTING. ALIGN GROUT JOINTS WITH EXISTING.
4. PROVIDE NEW WALL AND PAINT TO MATCH EXISTING COLOR OF ADJACENT WALLS. PROVIDE CERAMIC TILE WHERE INDICATED ON INTERIOR ELEVATIONS.
5. PROVIDE NEW PLUMBING FIXTURES FOR ACCESSIBILITY.
6. PROVIDE NEW ACOUSTICAL SUSPENDED CEILING.
7. PROVIDE NEW GYPSUM BOARD CEILING.
8. PATCH AND REPAIR PLASTER CEILING AND WALL.
9. PROVIDE NEW LIGHT FIXTURES
10. 5/4" PLASTER CEILING
11. PROVIDE WOOD BASE TO MATCH (E).
12. INFILL OPENING IN PLASTER WALL. ALIGN WITH EXISTING WALL SURFACE.
13. PROVIDE NEW SOUND INSULATION IN WALLS.
14. FIRE EXTINGUISHER AND CABINET RATED 2A:10BC 18" AFF.
15. NEW CABINET AND SINK

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APP. 100451
ARCHITECT FLS FE SS
DATE APR 09 1999

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

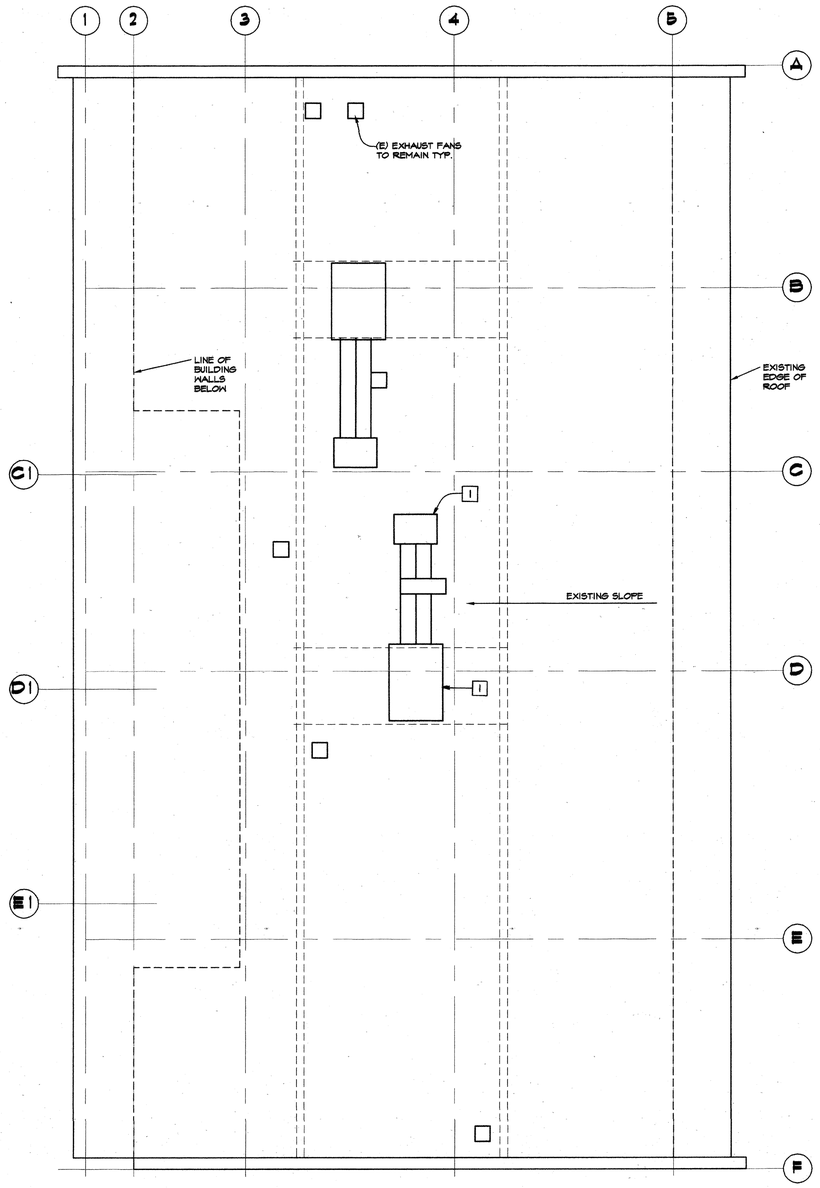
SHEET TITLE:

ADMINISTRATION BUILDING "A" RENOVATION & RCP PLAN

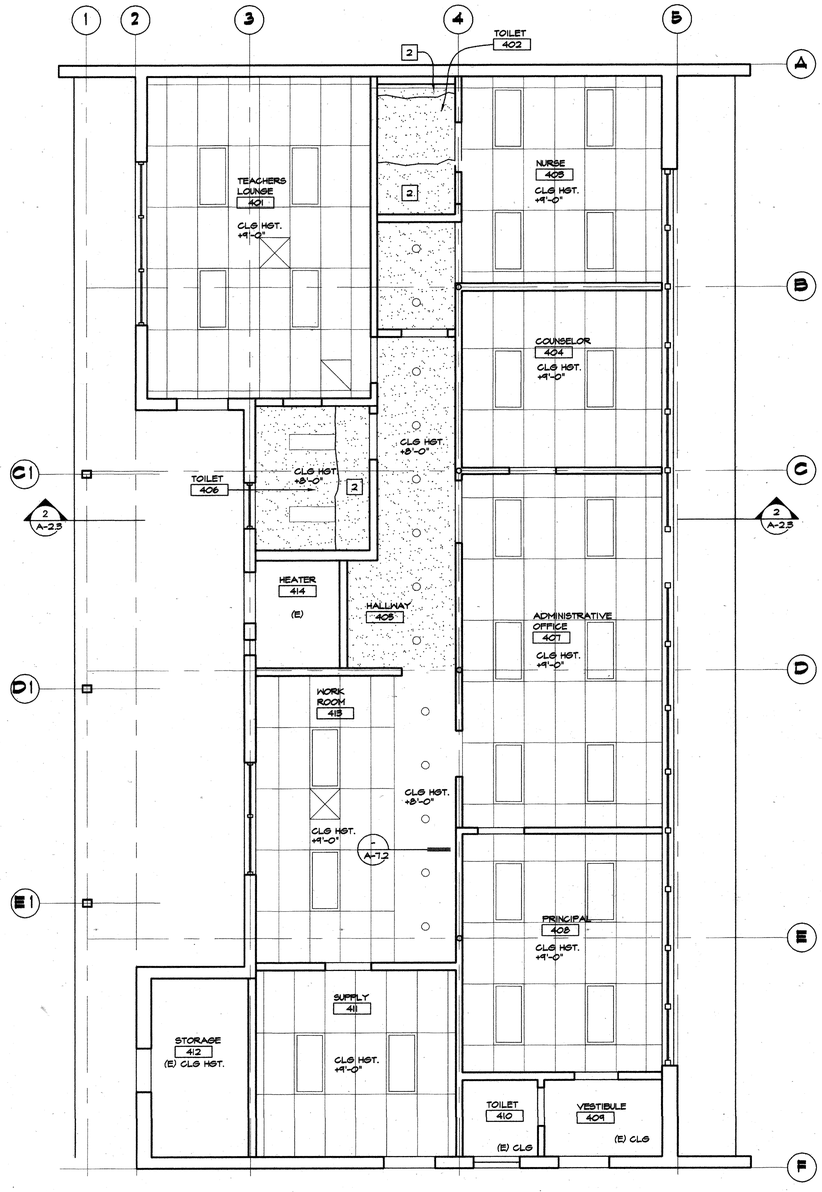
KEY PLAN:

SHEET NO:

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04 — A2.1
DRAWN BY: A.H.
CHECKED BY: -
OF



ADMINISTRATION BLDG. A - RENOVATION ROOF PLAN (2)
1/4" = 1' - 0"



ADMINISTRATION BLDG. A - RENOVATION CEILING PLAN (1)
1/4" = 1' - 0"

CEILING LEGEND

- NEW 2'-0"x4'-0" SUSPENDED "T" BAR CEILING CLASS "A" ACOUSTIC CEILING TILES. PANELS SHALL BE 2'-0" X 4'-0" X 5/8" ACOUSTIC U.N.O. IN 2'X4' STEEL EXPOSED GRID. FOR TYP. DETAILS SEE SHEET
- NEW 5/8" GYP. BD. CEILING
- NEW 1 X 4 SURFACE MOUNTED LIGHT FIXTURE
- NEW 2 X 4 RECESSED LAY-IN LIGHT FIXTURE
- NEW DOWNLIGHT SEE ELECTRICAL DWGS.
- E. / (E) EXISTING
- E.R. EXISTING, RELOCATED
- N. / (N) NEW
- HVAC - RETURN
- HVAC - SUPPLY

CEILING RENOVATION NOTES

1. PATCH AND REPAIR ROOF WHERE EQUIPMENT HAS BEEN REMOVED AND/OR MECHANICAL PLATFORMS HAVE PENETRATED ROOF.
2. PATCH AND REPAIR PLASTER WERE WALLS WERE RELOCATED OR CONSTRUCTED.

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
FLS
DATE APR 09 1998

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

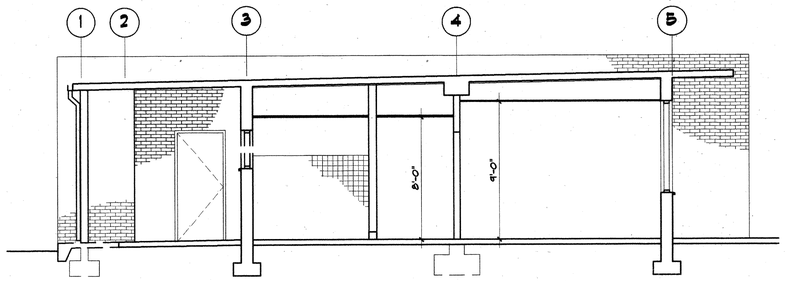
SHEET TITLE:

ADMINISTRATION BUILDING "A" ROOF PLAN RENOVATION

KEY PLAN:

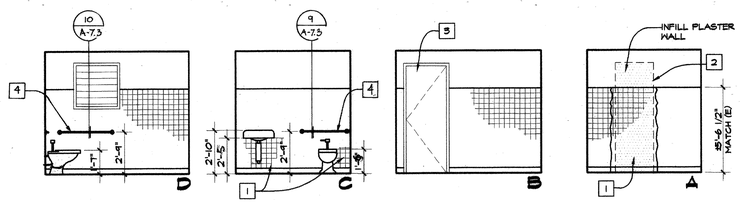
SHEET NO:
A2.2

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -
OF
VVA2



ADMIN. BLDG. A - SECTION A-A (2)

1/4" = 1'-0"

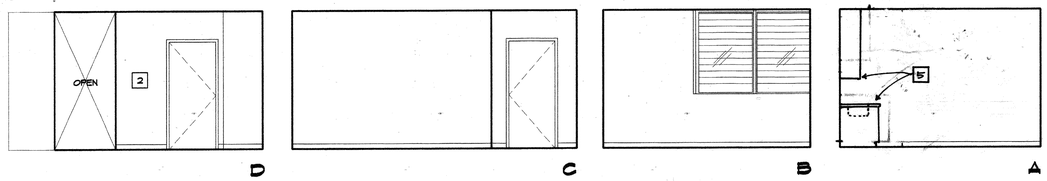


TOILET ROOM A-406 (D)

1/4"=1'-0"

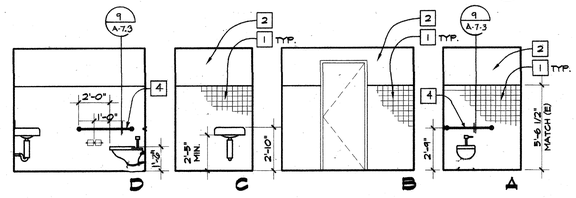
HALLWAY A-405 (C)

1/4"=1'-0"



NURSE A-403 (B)

1/4"=1'-0"



TOILET ROOM A-402 (A)

1/4"=1'-0"

ADMIN. BLDG. A - INTERIOR ELEVATIONS RENOVATION (1)

1/4" = 1'-0"

RENOVATION NOTES

1. PATCH CERAMIC TILE BASE TO MATCH EXISTING IN LOCATIONS WHERE CERAMIC TILE HAS BEEN REMOVED BROKEN, NEW WALLS INSTALLED OR WHERE PLUMBING FIXTURE AND ACCESSORIES WERE REMOVED.
2. PREP AND PAINT WALLS AND CEILINGS TO MATCH EXISTING PAINTED FINISHES.
3. PAINT NEW DOOR FRAME. MATCH (E) DOOR FRAMES.
4. NEW GRAB BAR W/ BACKING
5. NEW UPPER AND LOWER CABS. + SINK

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

ADMINISTRATION BUILDING "A" SECTION & INT. ELEVATIONS

KEY PLAN:

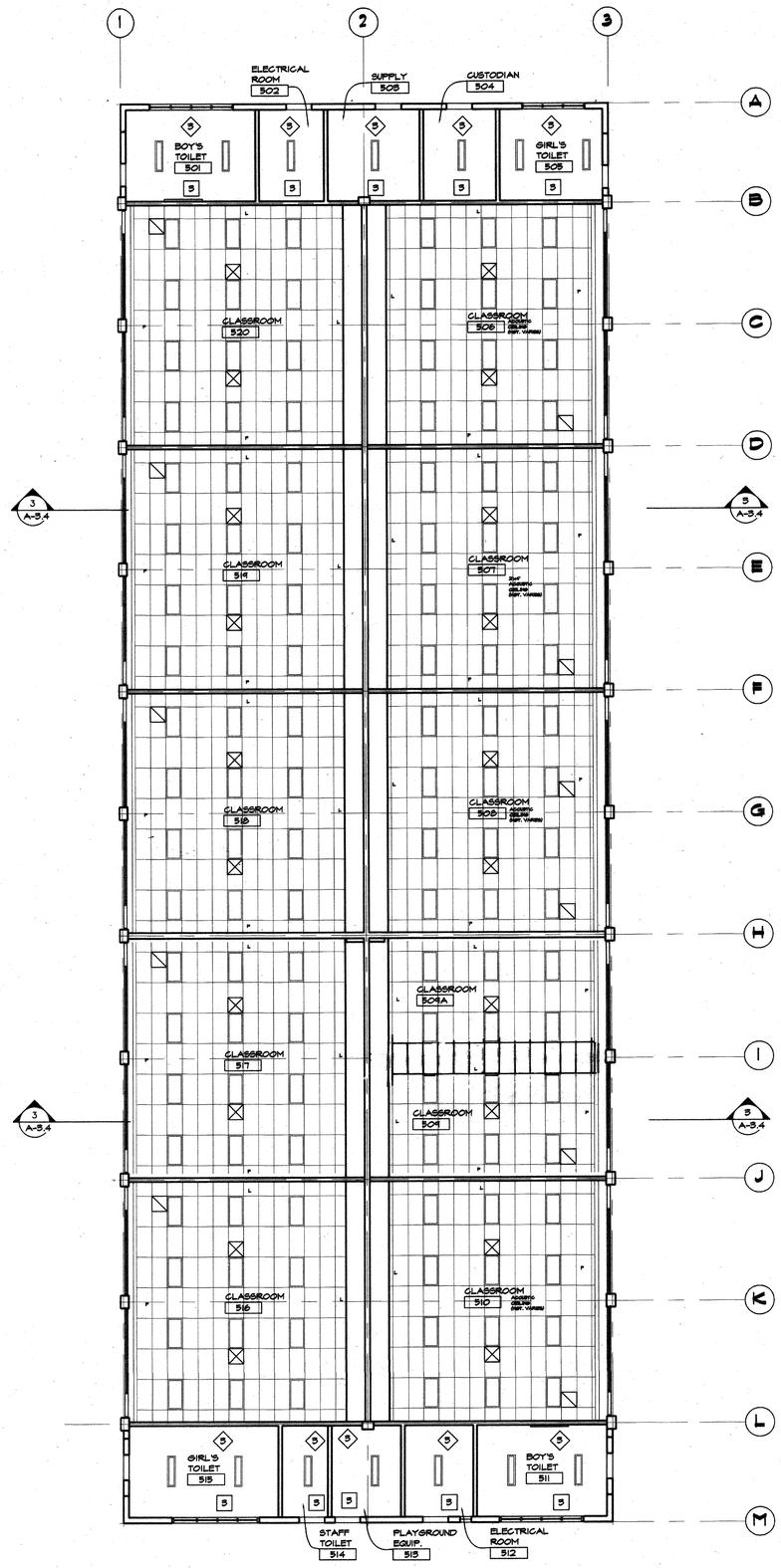
SHEET NO:

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 4808.04
DRAWN BY: A.H.
CHECKED BY: -

A2.3

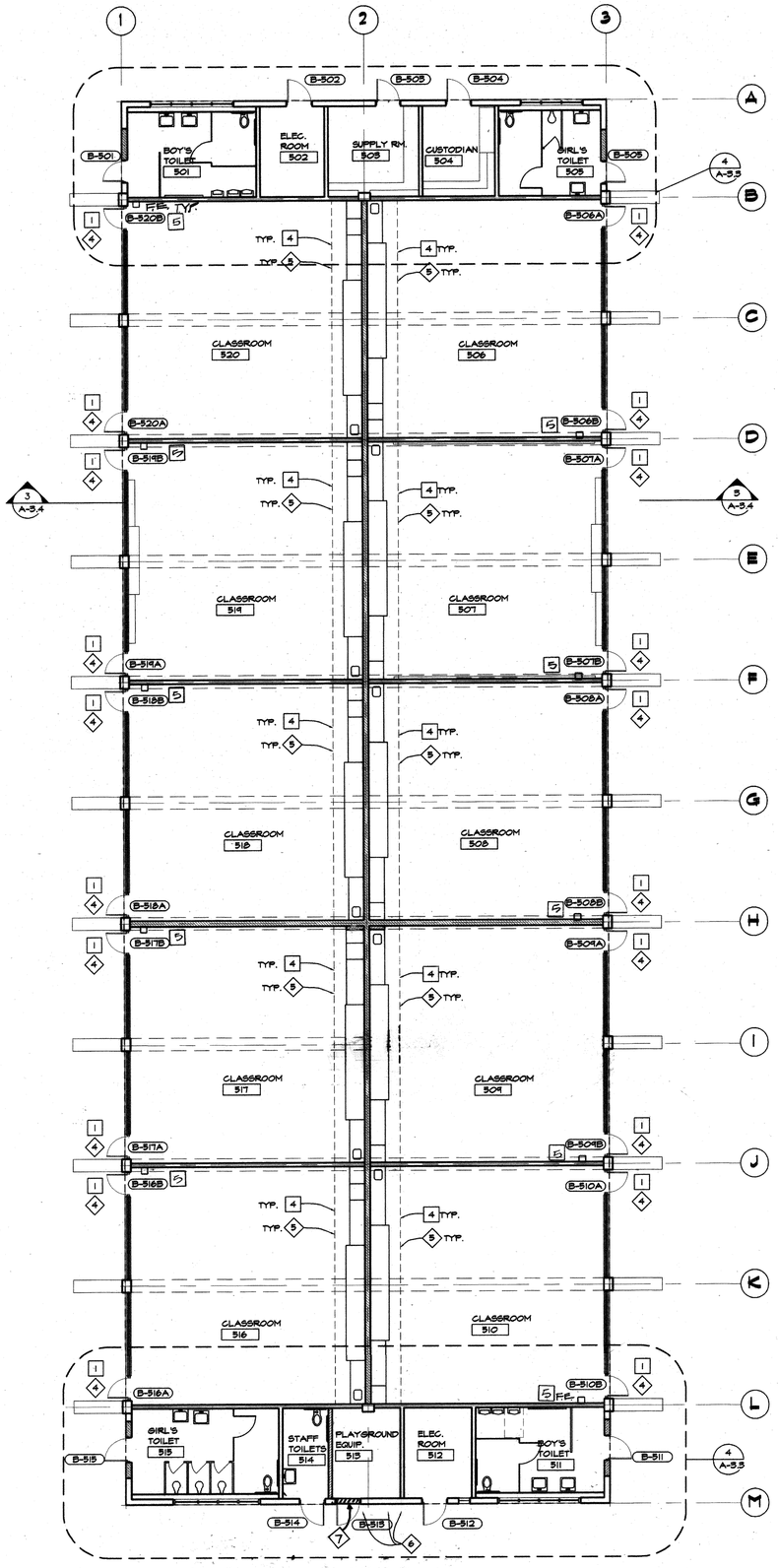
OF

VVAS



CLASSROOM BLDG. B - RENOVATION CEILING PLAN (2)

1/8" = 1'-0"



CLASSROOM BLDG. B - DEMO & RENOVATION PLAN (1)

SCALE: 1/8" = 1'-0"

NOTE:

THE KEY NOTES SHOWN IN THE CLASSROOMS ARE TYPICAL FOR ALL CLASSROOMS UNLESS OTHERWISE NOTED

DEMOLITION NOTES

1. REMOVE GLUED-ON CEILING TILES AND ASBESTOS ADHESIVE.
2. REMOVE GLUED-ON ACOUSTICAL WALL TILE AND ASBESTOS ADHESIVE.
3. REMOVE LIGHT FIXTURES AND SUPPORT SYSTEM.
4. REMOVE DOOR AND RETAIN HARDWARE FOR DISTRICT.
5. REMOVE PORTIONS OF SOFFIT AND EXISTING HARD CEILINGS AS NECESSARY TO PROVIDE ACCESS FOR THE DUCT INSTALLATION.
6. REMOVE DRINKING FOUNTAIN COMPLETE. CAP PLUMBING LINES FLUSH WITH THE WALL.
7. REMOVE PORTION OF BRICK WALL FOR NEW DOOR, INSTALL CHANNEL PER DETAIL 6/S-1.3

RENOVATION NOTES

1. PROVIDE NEW DOOR & HARDWARE.
2. PROVIDE NEW ACOUSTICAL SUSPENDED CEILING.
3. PROVIDE NEW LIGHT FIXTURES.
4. PATCH AND REPAIR SOFFIT REMOVED TO INSTALL DUCTWORK. PROVIDE NEW GLUED-ON ACOUSTICAL WALL TILES ON FACE OF SOFFIT.
5. FIRE EXTINGUISHER AND CABINET RATED 2A:10B:C. 48" AFF.

CEILING LEGEND

- NEW 2'-0"x4'-0" SUSPENDED "T" BAR CEILING CLASS "A" ACOUSTIC CEILING TILES. PANELS SHALL BE 2'-0" X 4'-0" X 5/8" ACOUSTIC U.N.O. IN 2'X4' STEEL EXPOSED GRID. FOR TYP. DETAILS SEE SHEET
- NEW 7/8" CEMENT PLASTER CEILING
- NEW 5/8" GYP. BD. CEILING
- NEW 1 X 4 SURFACE MOUNTED LIGHT FIXTURE
- NEW 2 X 4 RECESSED LAY-IN LIGHT FIXTURE
- NEW DOWNLIGHT SEE ELECTRICAL DWGS.
- E. / (E) EXISTING
- E.R. EXISTING, RELOCATED
- N. / (N) NEW
- HVAC - RETURN
- HVAC - SUPPLY

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AS-BUILT DRAWINGS

REVISION:

PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

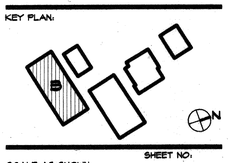
VALLEY VIEW ELEMENTARY SCHOOL

1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

SHEET TITLE:

CLASSROOM BUILDING "B" RENOVATION RCP PLAN

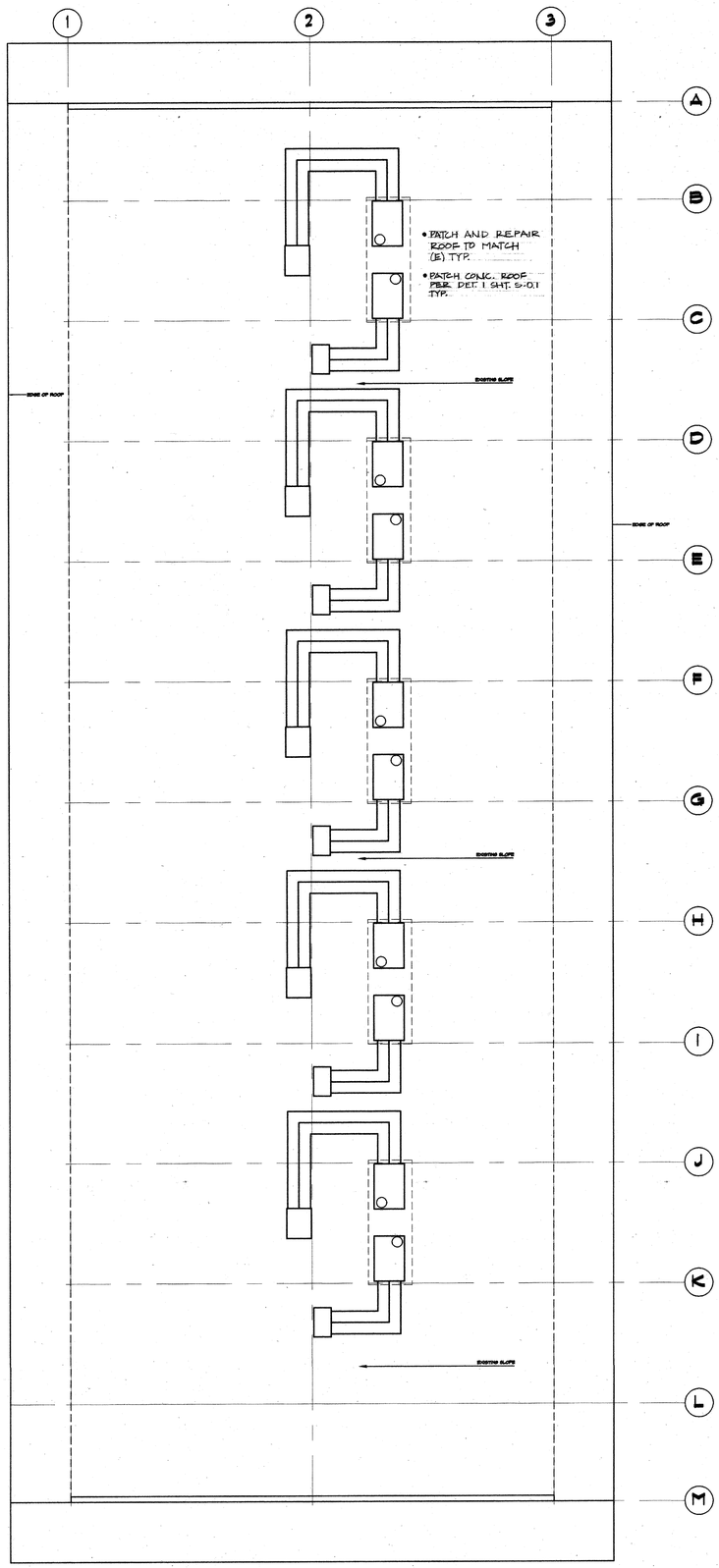
KEY PLAN:



SHEET NO:
A3.1

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -
OF

VV801



CLASSROOM BLDG. B - RENOVATION ROOF PLAN (2)

SCALE: 1/8" = 1'-0"

N

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
APP. FLS. SS.
DATE APR 09 1998

BID SET

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No. C 20877
Exp. 4/30/99
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

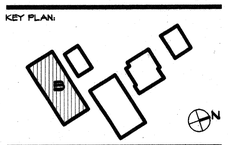
AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

CLASSROOM BUILDING "B" RENOVATION ROOF PLAN

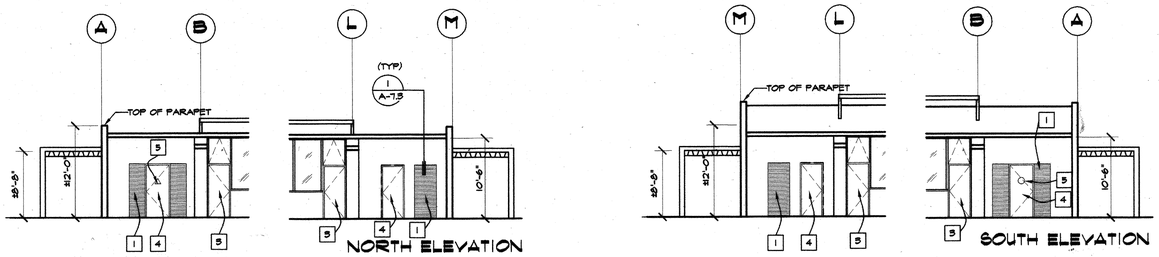
KEY PLAN:



SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -

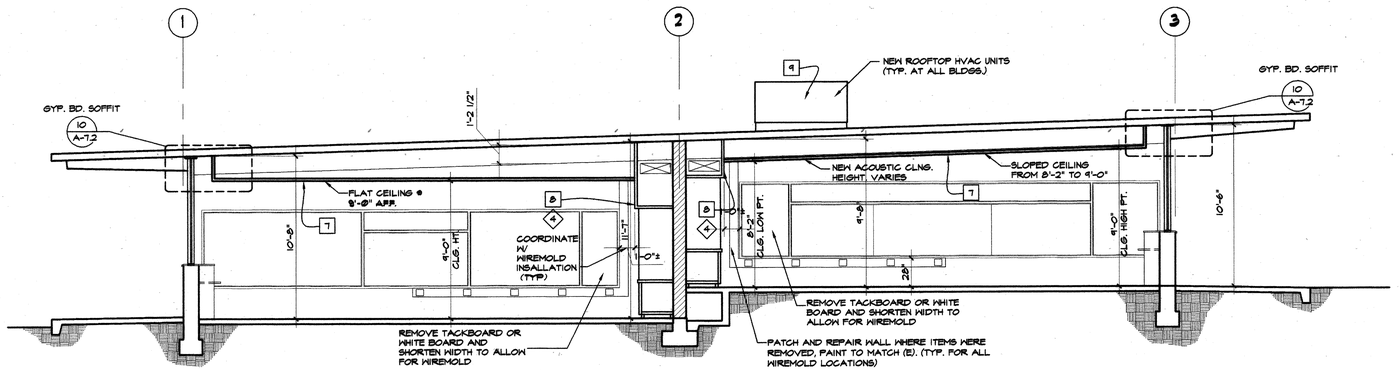
SHEET NO:
A3.2
OF

VVB02



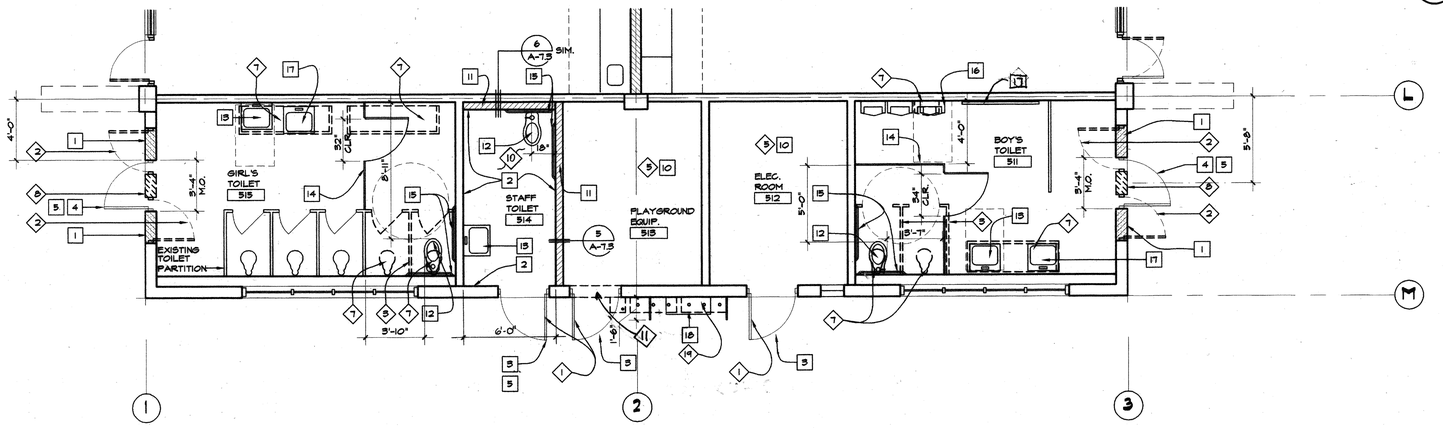
CLASSROOM BLDG. B - EXTERIOR ELEVATIONS - RENOVATION 4

1/4" = 1' - 0"



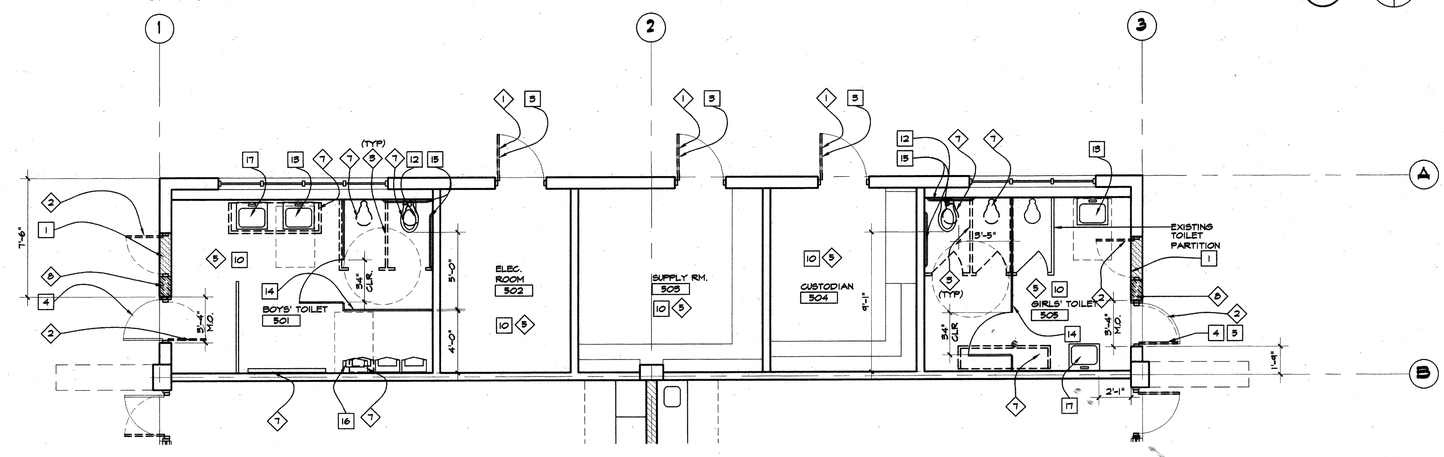
CLASSROOM BLDG. B - SECTION - RENOVATION 3

1/4" = 1' - 0"



BUILDING B DEMOLITION/RENOVATION PLANS OF SUPPORT SPACES AT EAST END 1

1/4" = 1' - 0"



BUILDING B DEMOLITION/RENOVATION PLANS OF SUPPORT SPACES AT WEST END 1

1/4" = 1' - 0"

N

RENOVATION NOTES

1. FILL IN OPENING IN EXISTING BRICK WALL. BRICK SIZE AND MORTAR TOOLING TO MATCH EXISTING, SEE DETAIL 1/A-7.5
2. PROVIDE CERAMIC TILE BASE AND FLOOR.
3. NEW DOOR AND HARDWARE IN EXISTING METAL FRAME
4. NEW DOOR, FRAME AND HARDWARE
5. TOILET ROOM ACCESSIBILITY SIGN. SEE DETAIL A/A-4.3
6. HVAC UNIT ON STEEL PLATFORM
7. SUSPENDED ACOUSTICAL T-BAR
8. PATCH AND REPAIR SOFFIT REMOVED TO INSTALL DUCT WORK. PROVIDE NEW GLUED-ON ACOUSTICAL WALL TILES AT FACE OF SOFFIT
9. HVAC UNIT WITH METAL PLATFORM
10. NEW LIGHT FIXTURES
11. NEW WOOD STUD WALL
12. NEW ACCESSIBLE WATER CLOSET + 15"
13. NEW ACCESSIBLE LAVATORY + 24" BOT @ F APRON
14. NEW TOILET PARTITION
15. NEW GRAB BAR +27 9/A-7.3
16. NEW ACCESSIBLE URINAL +17
17. ~~MIRROR 36" MAX TO 18"~~
18. PROVIDE NEW 2 BUBBLES ACCESSIBLE DRINKING FOUNTAIN 12/A-7.5 SIM.
19. PROVIDE NEW HAND RAILING

DEMOLITION NOTES

1. REMOVE EXISTING DOOR AND HARDWARE
2. REMOVE EXISTING DOOR FRAME AND DOOR
3. REMOVE TOILET PARTITION SHOWN AS DASHED LINE
4. REMOVE PORTION OF SOFFIT WHICH WILL BEST PROVIDE ACCESS
5. REMOVE EXISTING LIGHT FIXTURES FOR THE DUCT INSTALLATION
6. ACOUSTICAL ADHESIVE CONTAINS ASBESTOS AND WILL BE REMOVED AT THE SOFFIT
7. REMOVE (E) TOILET FIXTURE/ACCESSORY
8. REMOVE (E) WALL/PORTION OF WALL
9. REMOVE (E) DRINKING FOUNTAINS
10. REMOVE 1 1/2" OF CONC. SLAB TO PREPARE FOR NEW CERAMIC TILE FLOOR
11. SAW CUT BRICK FOR NEW DOOR

NOTE: FOR RESTROOM SIGNAGE SEE A/A4.3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DATE APR 09 1998

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

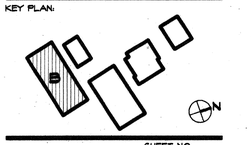
AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

CLASSROOM BUILDING "B" ENLARGED RESTROOM PLANS

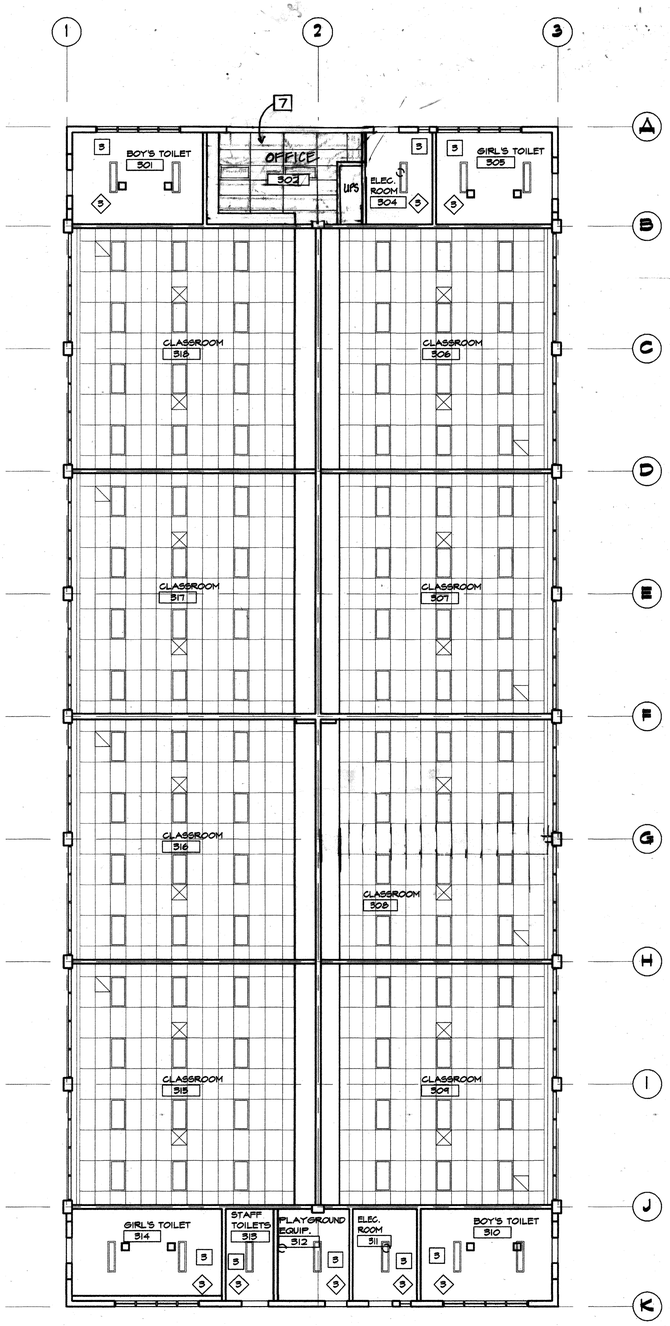
KEY PLAN:



SHEET NO.
A3.3

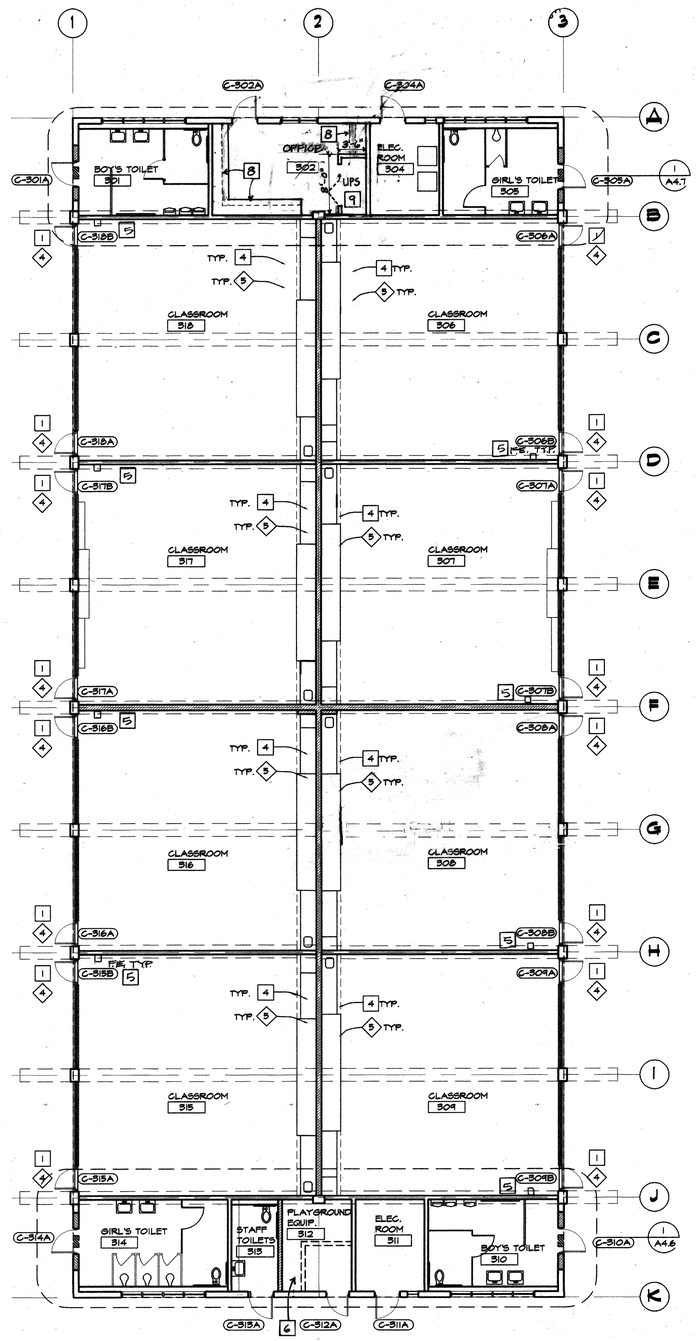
SCALE: AS SHOWN
DATE: 04/01/98/04/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -
OF

VVB04



CLASSROOM BLDG. C - RENOVATION REFLECTED CEILING PLAN (2)

1/8" = 1'-0"



CLASSROOM BLDG. C - RENOVATION FLOOR PLAN (1)

1/8" = 1'-0"

NOTE:

THE KEY NOTES SHOWN IN THE CLASSROOMS ARE TYPICAL FOR ALL CLASSROOMS UNLESS OTHERWISE NOTED

DEMOLITION NOTES

1. REMOVE GLUED-ON CEILING TILES AND ASBESTOS ADHESIVE.
2. REMOVE GLUED-ON ACOUSTICAL WALL TILE AND ASBESTOS ADHESIVE.
3. REMOVE LIGHT FIXTURES AND SUPPORT SYSTEM.
4. REMOVE DOOR AND RETAIN HARDWARE FOR DISTRICT.
5. REMOVE PORTIONS OF SOFFIT AND EXISTING HARD CEILINGS AS NECESSARY TO PROVIDE ACCESS FOR THE DUCT INSTALLATION.
6. REMOVE DRINKING FOUNTAIN COMPLETE. CAP PLUMBING LINES FLUSH WITH THE WALL.

RENOVATION NOTES

1. PROVIDE NEW DOOR & HARDWARE.
2. PROVIDE NEW ACOUSTICAL SUSPENDED CEILING.
3. PROVIDE NEW LIGHT FIXTURES.
4. PATCH AND REPAIR SOFFIT REMOVED TO INSTALL DUCTWORK. PROVIDE NEW GLUED-ON ACOUSTICAL WALL TILES ON FACE OF SOFFIT.
5. FIRE EXTINGUISHER AND CABINET RATED 2A:10BC AT 48" AFF
6. RAISE SLAB
7. NEW CEILING
8. NEW UPPER + LOWER CABS.
9. NEW UPS CLOSET

CEILING LEGEND

- NEW 2'-0"x4'-0" SUSPENDED "T" BAR CEILING CLASS "A" ACOUSTIC CEILING TILES. PANELS SHALL BE 2'-0" X 4'-0" X 5/8" ACOUSTIC U.N.O. IN 2'X4' STEEL EXPOSED GRID. FOR TYP. DETAILS SEE SHEET
- NEW 7/8" CEMENT PLASTER CEILING
- NEW 5/8" GYP. BD. CEILING
- NEW 1 X 4 SURFACE MOUNTED LIGHT FIXTURE
- NEW 2 X 4 RECESSED LAY-IN LIGHT FIXTURE
- NEW DOWNLIGHT SEE ELECTRICAL DWGS.
- E. / (E) EXISTING
- E.R. EXISTING, RELOCATED
- N. / (N) NEW
- HVAC - RETURN
- HVAC - SUPPLY

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OFFICE OF REGULATION SERVICES
APPL 100251
APP FLS SS
DATE APR 0 9 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

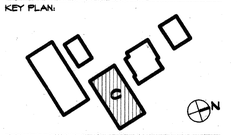
AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

CLASSROOM BLDG. "C" RENOVATION PLAN & RCP

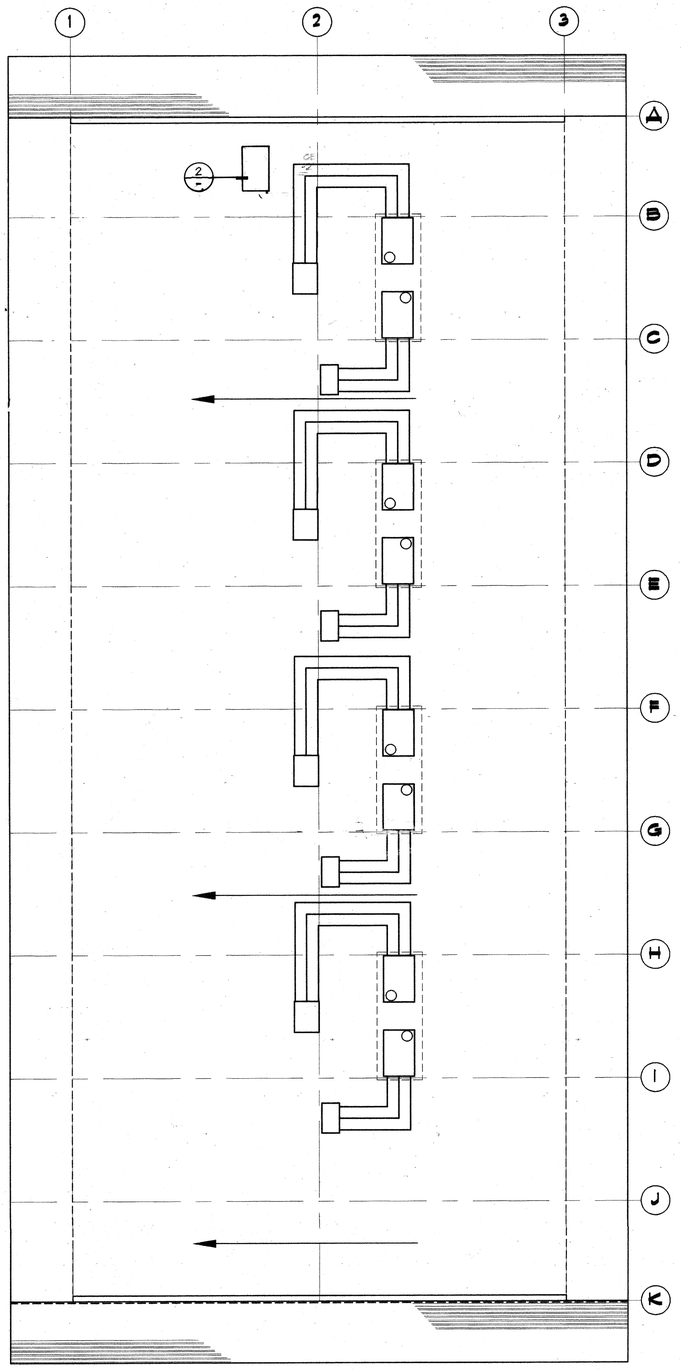
KEY PLAN:



SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -

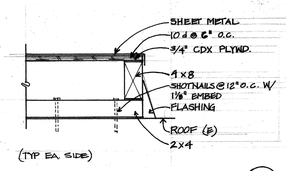
SHEET NO:
A4.1
OF

VVC01



CLASSROOM BLDG. C - RENOVATION ROOF PLAN (1)

1/8" = 1' - 0"



(TYP EA. SIDES)

PLATFORM FOR CU-1 (2)

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OFFICE OF REGULATION SERVICES

APPL 100451

AC [illegible]

DATE APR 03 1998

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PROJECT TITLE

GLENDALE UNIFIED
SCHOOL DISTRICT
MODERNIZATION PLAN
IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW
ELEMENTARY
SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

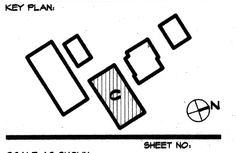
AS BUILT
DRAWINGS

REVISION:

SHEET TITLE:

CLASSROOM
BUILDING "C"
RENOVATION
ROOF PLAN

KEY PLAN:



SCALE: AS SHOWN

DATE: 04/09/98

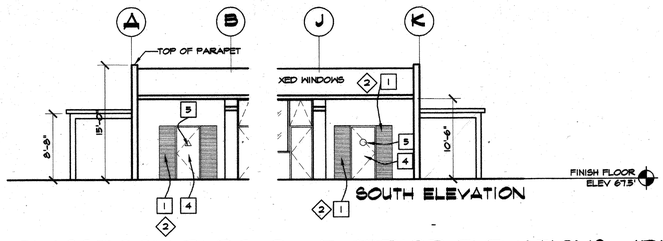
JOB NO: 9808.04

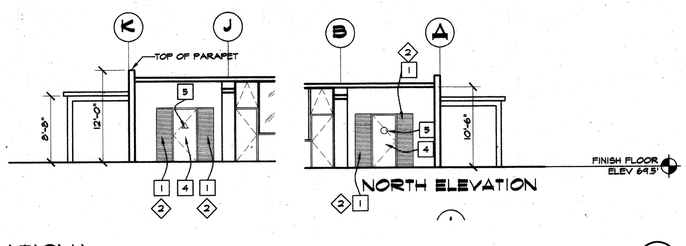
DRAWN BY: A.H.

CHECKED BY: -

SHEET NO:
A4.2
OF

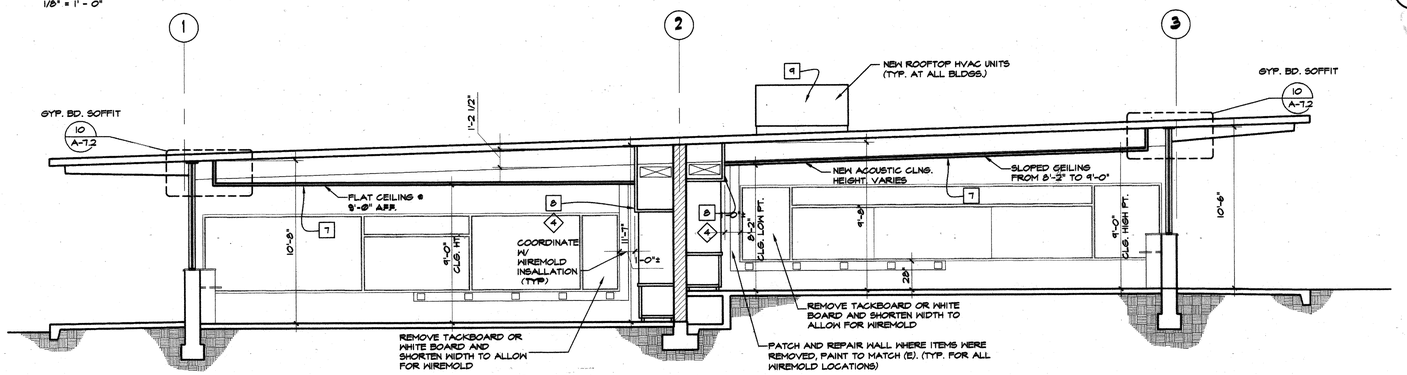
VVC02





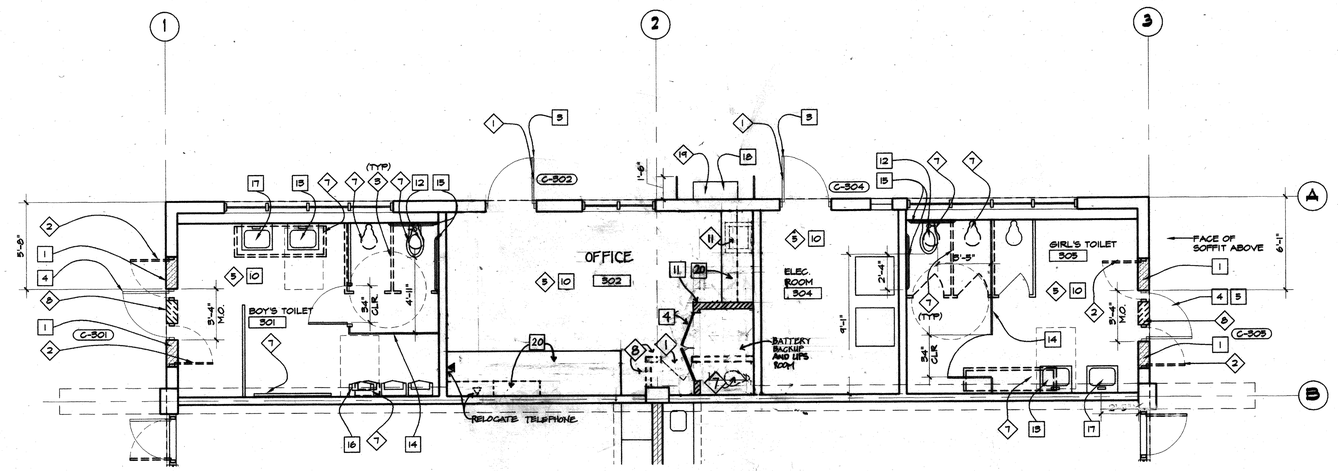
CLASSROOM BLDG. C - EXTERIOR ELEVATIONS (RENOVATION) 4

1/8" = 1'-0"



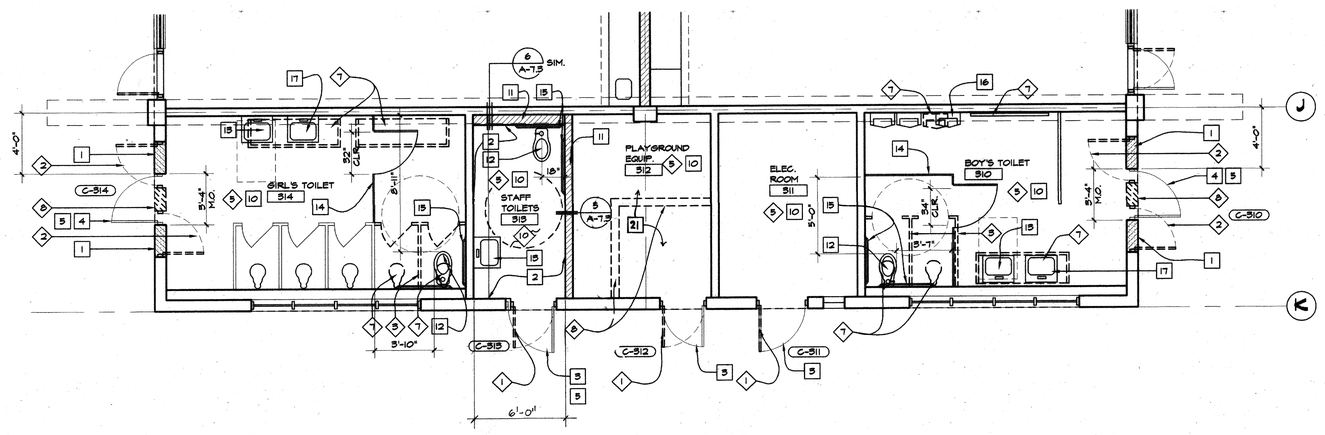
CLASSROOM BLDG. C - SECTION RENOVATION 3

1/4" = 1'-0"



BUILDING C - DEMOLITION/RENOVATION PLANS OF SUPPORT SPACES AT EAST END 2

1/4" = 1'-0"



BUILDING C - DEMOLITION/RENOVATION PLANS OF SUPPORT SPACES AT WEST END 1

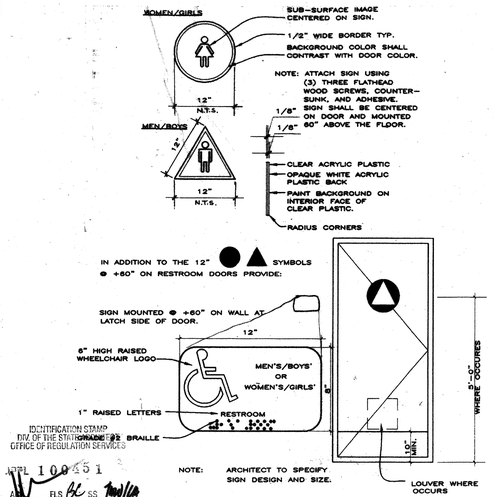
1/4" = 1'-0"

RENOVATION NOTES

1. FILL IN OPENING IN EXISTING BRICK WALL. BRICK SIZE AND MORTAR TOOLING TO MATCH EXISTING, SEE DETAIL 1/A-7.5
2. PROVIDE CERAMIC TILE BASE AND FLOOR.
3. NEW DOOR AND HARDWARE IN EXISTING METAL FRAME
4. NEW DOOR, FRAME AND HARDWARE
5. TOILET ROOM ACCESSIBILITY SIGN. SEE DETAIL A/—
6. HVAC UNIT ON STEEL PLATFORM
7. SUSPENDED ACOUSTICAL T-BAR
8. PATCH AND REPAIR SOFFIT REMOVED TO INSTALL DUCT WORK. PROVIDE NEW GLUED-ON ACOUSTICAL WALL TILES AT FACE OF SOFFIT
9. HVAC UNIT WITH METAL PLATFORM
10. NEW LIGHT FIXTURES
11. NEW WOOD STUD WALL
12. NEW ACCESSIBLE WATER CLOSET +15"
13. NEW ACCESSIBLE LAVATORY +24" TO BOTTOM OF APRON
14. NEW TOILET PARTITION
15. NEW GRAB BAR +27" 9/A-7.5
16. NEW ACCESSIBLE URINAL
17. NEW ACCESSIBLE URINAL
18. PROVIDE NEW 2 BUBBLES ACCESSIBLE DRINKING FOUNTAIN 12/A-7.5 SIM.
19. PROVIDE NEW HAND RAILING
20. NEW UPPER + LOWER CASEWORK
21. RAISE FLOOR SLAB

DEMOLITION NOTES

1. REMOVE EXISTING DOOR AND HARDWARE
2. REMOVE EXISTING DOOR FRAME AND DOOR
3. REMOVE TOILET PARTITION SHOWN AS DASHED LINE
4. REMOVE PORTION OF SOFFIT WHICH WILL BEST PROVIDE ACCESS
5. REMOVE EXISTING LIGHT FIXTURES FOR THE DUCT INSTALLATION
6. ACOUSTICAL ADHESIVE CONTAINS ASBESTOS AND WILL BE REMOVED AT THE SOFFIT
7. REMOVE (E) TOILET FIXTURE/ACCESSORY
8. REMOVE (E) WALL/PORTION OF WALL
9. REMOVE (E) DRINKING FOUNTAINS
10. REMOVE 1½" CONC. SLAB TO PREPARE FOR NEW CERAMIC TILE FLOOR.
11. REMOVE SINK COMPLETE



REST ROOM SIGNAGE A

1/2"=1'-0" FILE:

BID SET

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REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 11-30-99 STATE OF CALIFORNIA

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Bobby Knox AIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

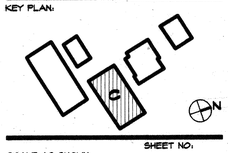
AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

CLASSROOM BUILDING "C" EXT. ELEVATIONS SECTION

KEY PLAN:



SHEET NO.

SCALE: AS SHOWN

DATE: 04/09/98

JOB NO: 9808.04

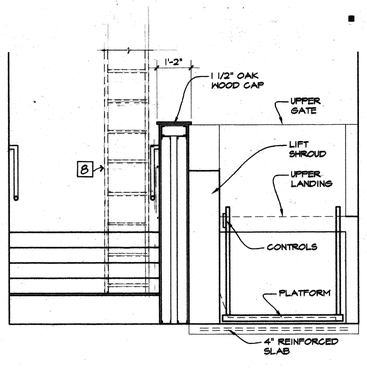
A4.3

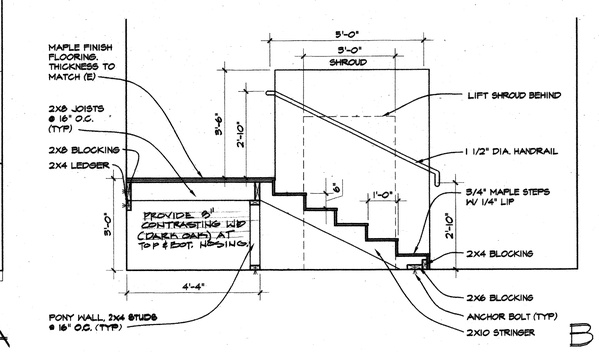
DRAWN BY: A.H.

CHECKED BY: -

OF

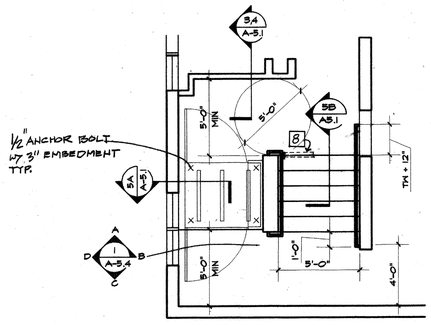
VVC05





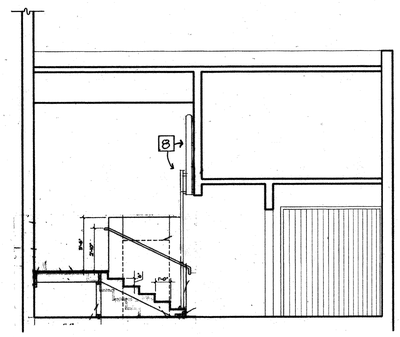
STAIR/CHAIR LIFT SECTIONS 6

1/2" = 1' - 0"



ENLARGED PARTIAL RENOVATION PLAN 5

1/4" = 1' - 0"



VESTIBULE 218 - SECTION - RENOVATION 4

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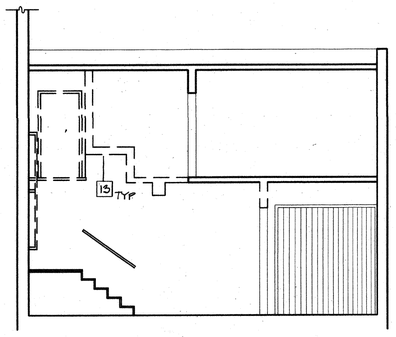
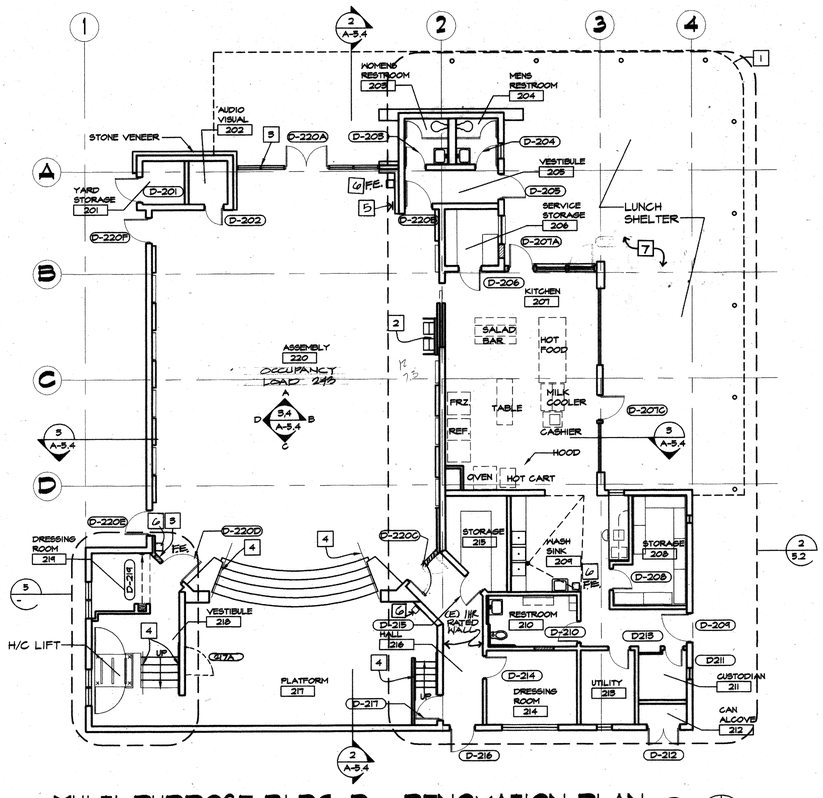


VESTIBULE 218 - SECTION - DEMOLITION 3

1/4" = 1' - 0"



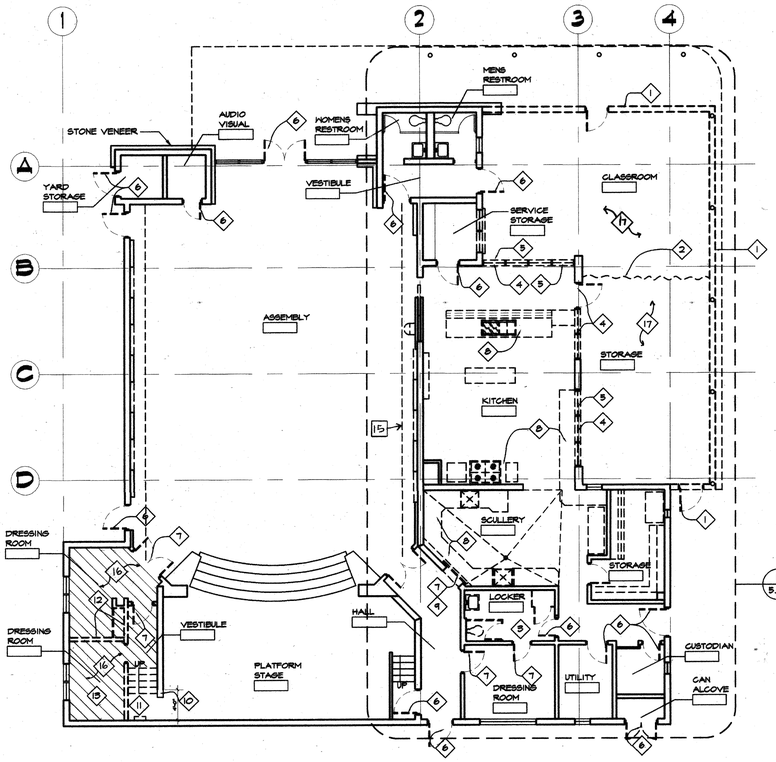
MULTI-PURPOSE BLDG. D - RENOVATION PLAN 2

1/8" = 1' - 0"

N

RENOVATION NOTES

1. REPLACE METAL FASCIA AT CORNER OF ROOF
2. NEW DRINKING FOUNTAINS WITH GUARD RAILING AND 4" FURRED OUT WALL TO 5'-6 1/2" A.F.F. W/CERAMIC TILE FINISH. SEE 12/7.3 SIM.
3. HDCP SYMBOL SIGN
4. HANDRAILS
5. MAXIMUM CAPACITY SIGN
6. FIRE EXTINGUISHER AND CABINET RATED 2A:10BC. 48" AFF
7. SAND BLAST AND POWERWASH FLOORS
8. NEW SLIDING ALUM. LADDER



MULTI-PURPOSE BLDG. D - DEMOLITION PLAN 1

1/8" = 1' - 0"

N

DEMOLITION NOTES

1. REMOVE WALLS, WINDOWS, AND DOORS SHOWN AS ENCLOSURE OF CLASSROOM AND STORAGE
2. REMOVE FOLDING DOOR, AND HEADER AND JAMBS
3. REMOVE TOILET PARTITIONS AND PLUMBING FIXTURES. RETAIN ROUGH-IN TO RECEIVE NEW FIXTURES
4. REMOVE EXISTING WINDOWS AND FRAME IN ENTIRETY
5. SAW CUT AND REMOVE PORTION OF BRICK WALL BENEATH WINDOWS TO PREPARE FOR NEW DOOR INSTALLATION
6. REMOVE EXISTING DOOR' RETAIN FRAME. ALSO REMOVE SCREEN DOORS WHERE FOUND
7. REMOVE DOOR AND FRAME (OR TRACK) IN ENTIRETY
8. REMOVE ALL KITCHEN AND SCULLERY FIXTURES AND EQUIPMENT AS SHOWN AND AS FURTHER DETAILED ON K-DWGS. SEE K-DWGS FOR INSTRUCTIONS ON SAVING CERTAIN FIXTURES FOR ADAPTIVE REUSE.
9. REMOVE LOWER PORTION OF WALL BELOW OPENING.
10. REMOVE PORTION OF BRICK WALL TO ADJACENT OPENING HEIGHT.
11. REMOVE PORTION OF WD FRAMED PLATFORM AND STAIRS
12. REMOVE ALL WALLS AND PARTITIONS INDICATED (DOTTED) FOR DEMOLITION
13. REMOVE PORTION OF MEZZANINE FLOOR SLAB ABOVE THIS AREA (SEE STRUCT'L DWGS)
14. REMOVE PORTION OF BRICK WALL TO ALLOW FOR A 3'-4" BRICK OPENING
15. REMOVE WOOD FIBER INSULATED PANELS FROM SOFFIT. SAVE AND REINSTALL AFTER DUCT WORK HAS BEEN COMPLETED. REMOVE GYPSUM BOARD BACKING AND WOOD STUDS AS NEEDED TO FACILITATE THE REMOVAL OF (E) DUCTWORK.
16. REMOVE ASBESTOS TILE AS SHOWN
17. REMOVE (E) VINYL TILE

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100151
DATE APR 09 1998

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

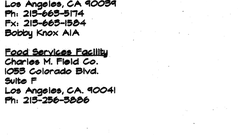
AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

MULTI-PURPOSE BUILDING "D" DEMO. & RENOV. FLOOR PLANS

KEY PLAN:



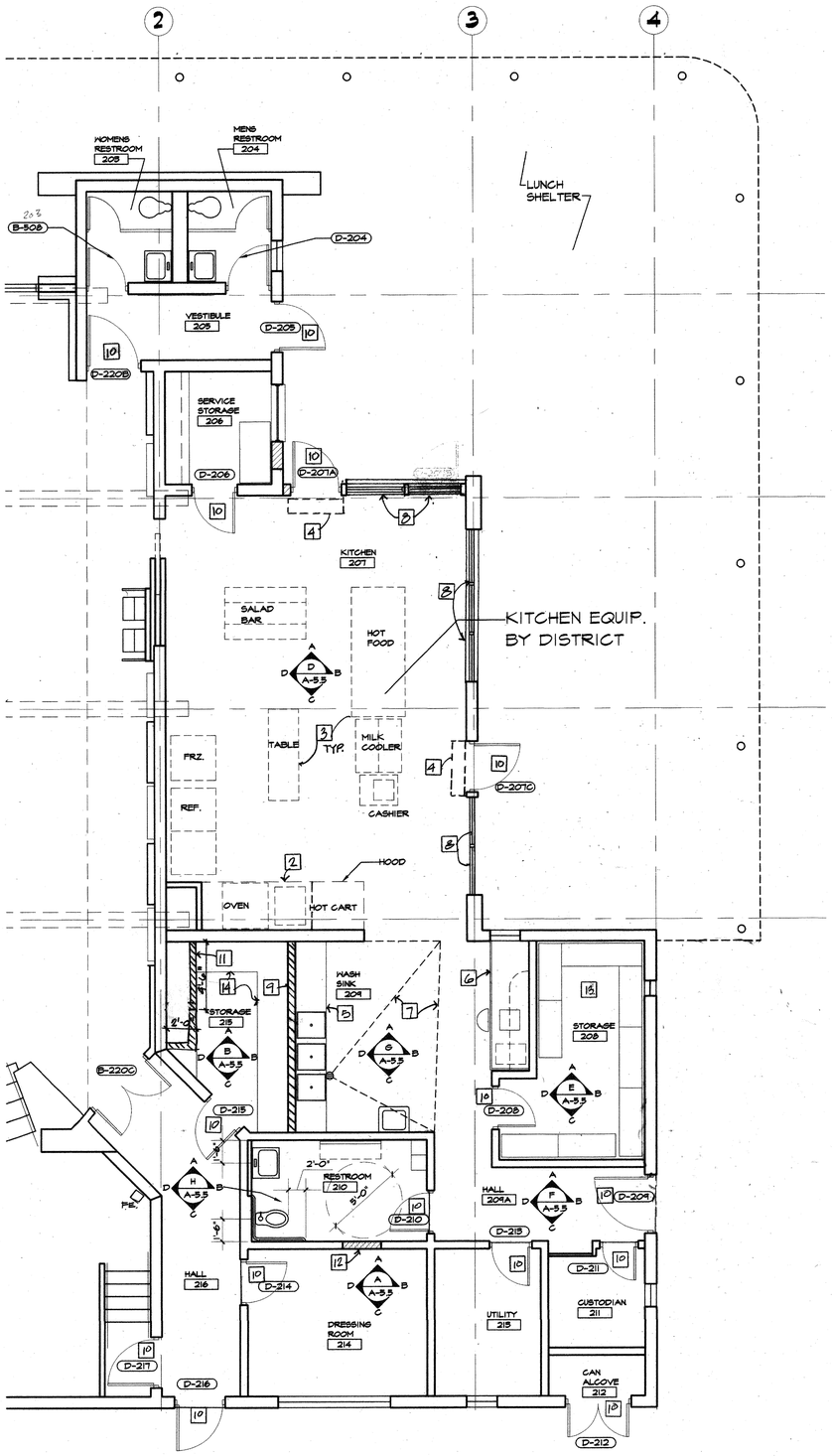
SHEET NO:

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 4808.04
DRAWN BY: A.H.
CHECKED BY: -

A5.1

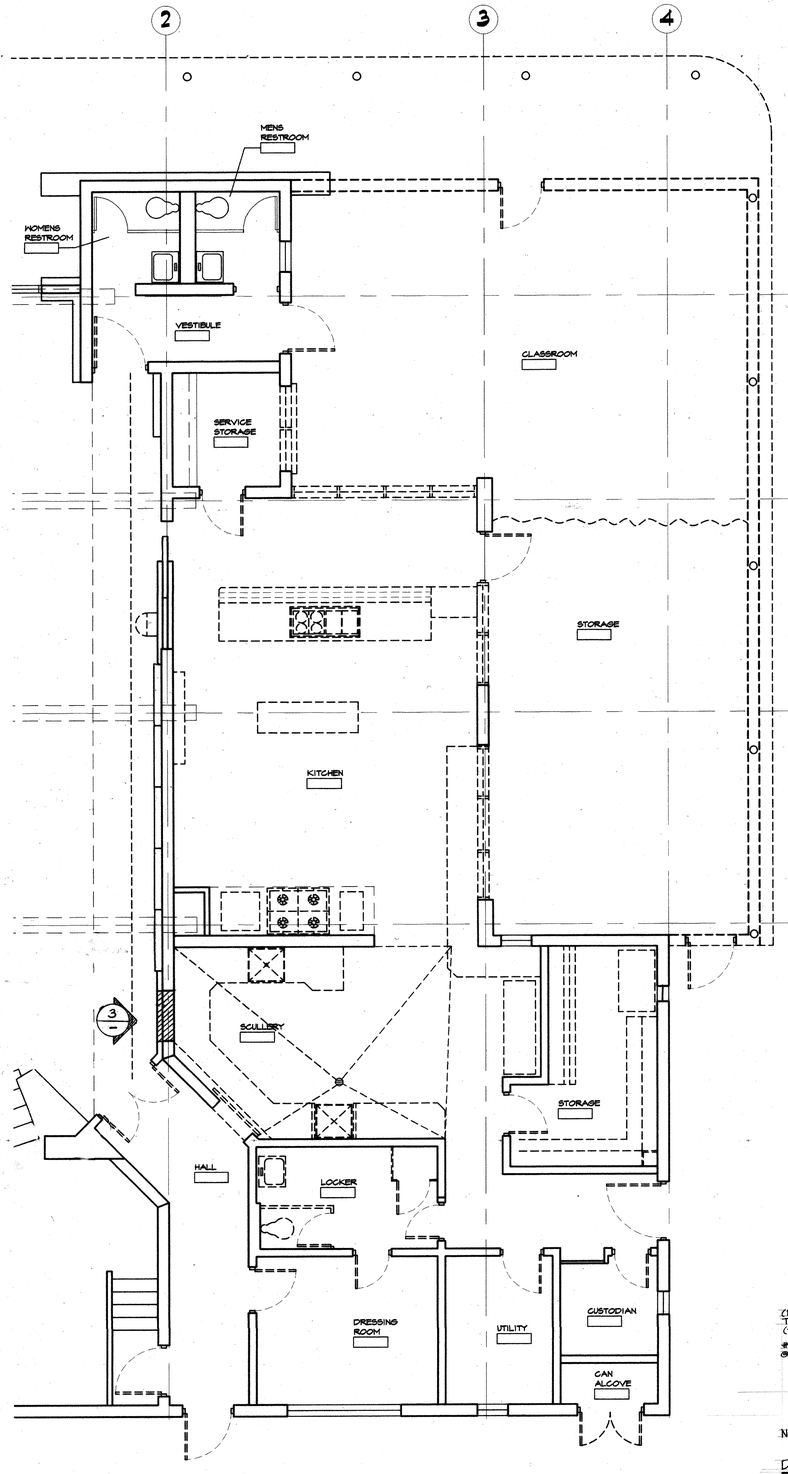
OF

VVD01



MULTI-PURPOSE BLDG. D - RENOVATION PLAN (2)

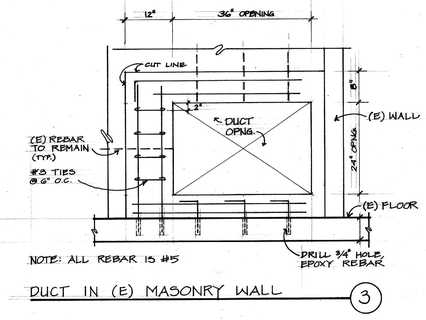
1/4" = 1' - 0"



MULTI-PURPOSE BLDG. D - DEMOLITION PLAN (1)

1/4" = 1' - 0"

NOTE:
FOR DEMO. NOTES SEE SHT. A-5.1



DUCT IN (E) MASONRY WALL (3)

RENOVATION NOTES

1. EXISTING MASONRY WALL.
2. EXISTING MODIFIED EXHAUAST HOOD.
3. KITCHEN EQUIPMENT. SEE SHT. K-1
4. AIR CURTAIN FAN
5. POT WASHING SINK SEE SHT. K-1.
6. PLASTIC LAMINATE DESK AND FILE CABINET PER W.I.C STANDARDS.
7. SLOPE NEW QUARRY TILE FLOOR TO (E) FLOOR DRAIN.
8. NEW WINDOW FRAME AND GLAZING
9. NEW WALL WITH CONCRETE CURB UL# 537
10. NEW DOOR WITH HARDWARE
11. FURRED OUT DUCT CHASE
12. INFILL FALL, PATCH AND REPAIR PLASTER TO MATCH EXISTING TEXTURE.
13. METAL SHELVING PROVIDED AND INSTALLED BY DISTRICT
14. PROVIDE 1 " THICK PLASTIC LAMINATED SHELVES 2 FT. DEEP , FLOOR TO CEILING WITH SUPPORTS AT 48" O.C.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 100451
APP'D
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

MULTI-PURPOSE BUILDING "D" DEMO. & RENOV. ENLARGED PLANS

KEY PLAN:

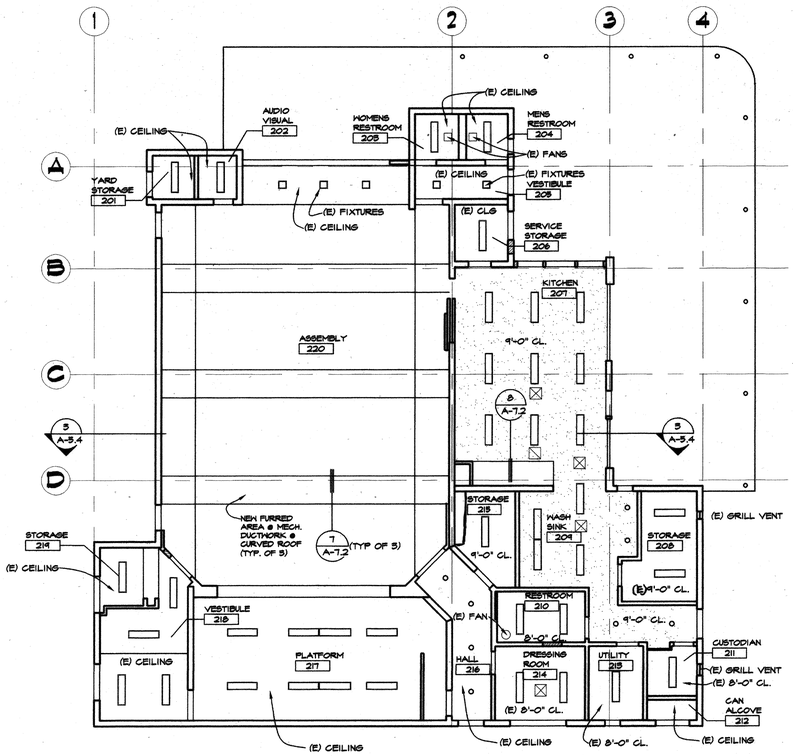
SHEET NO:
A5.2

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -
OF

VVD02

MULTI-PURPOSE BUILDING / KITCHEN "D" FINISH SCHEDULE

NUM	ROOM NAME	FLOOR MAT	FLOOR FIN	BASE MAT	BASE DETAIL	WAINSCOT MAT	WAINSCOT DETAIL	WAINSCOT HEIGHT	N-WALL MAT	N-WALL FIN	S-WALL MAT	S-WALL FIN	E-WALL MAT	E-WALL FIN	W-WALL MAT	W-WALL FIN	CEILING MAT	CEILING FIN	CEILING HEIGHT	REMARKS
201	YARD STORAGE	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
202	STORAGE	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
203	WOMENS RESTROOM	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
204	MENS RESTROOM	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
205	VESTIBULE	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
206	SERVICE STORAGE	QT	-	QT	-	-	-	-	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	
207	KITCHEN	QT	-	QT	-	-	-	-	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	PLS	PNT	9'-0"	
208	STORAGE	QT	-	QT	-	-	-	-	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	
209	POT WASH AREA	QT	-	QT	-	-	-	-	(E)	PNT	PLS	PNT	(E)	PNT	(E)	PNT	PLS	PNT	9'-0"	
210	RESTROOM	CT	-	CT	-	-	-	-	CT	-	CT	-	CT	-	CT	-	PLS	-	8'-0"	
211	CUSTODIAN	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
212	CAN ALCOVE	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
213	UTILITY ROOM	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
214	DRESSING ROOM	(E)	-	(E)	-	-	-	-	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	
215	STORAGE	VCT	-	RUB	-	-	-	-	PLS	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	(E)	
216	HALL	(E)	-	(E)	-	-	-	-	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	-	-	(E)	
217	PLATFORM	(E)	-	(E)	-	-	-	-	(E)	PNT	(E)	PNT	(E)	PNT	(E)	PNT	-	-	(E)	
218	VESTIBULE	VCT	-	RUB	-	-	-	-	(E)	PNT	(E)	PNT	GWB	PNT	(E)	PNT	PLS	PNT	(E)	
219	DRESSING ROOM	VCT	-	RUB	-	-	-	-	-	-	(E)	PNT	GWB	PNT	(E)	PNT	(E)	PNT	(E)	
220	ASSEMBLY ROOM	(E)	-	(E)	-	-	-	-	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	

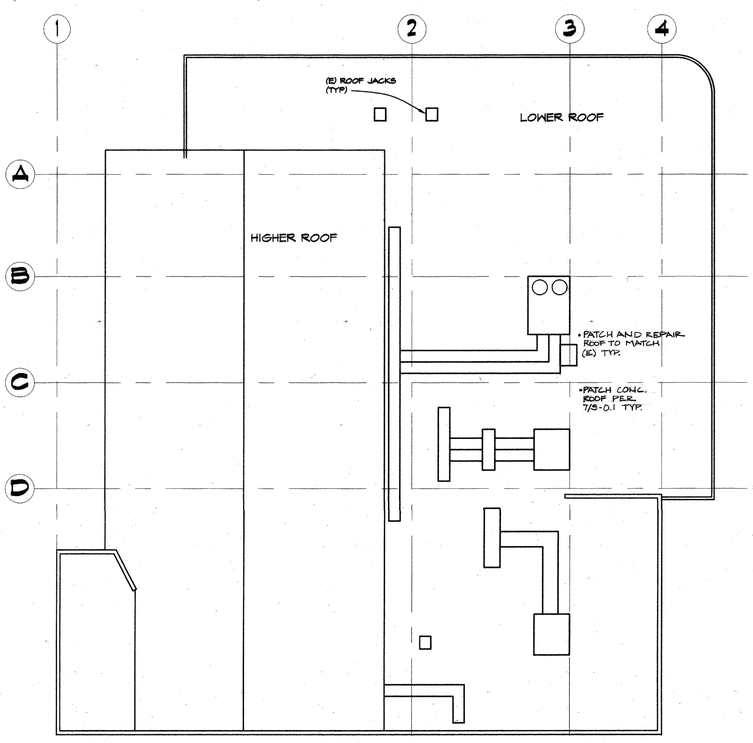


MULTI-PURPOSE BLDG. D - RENOVATION RCP (2)

1/8" = 1'-0"

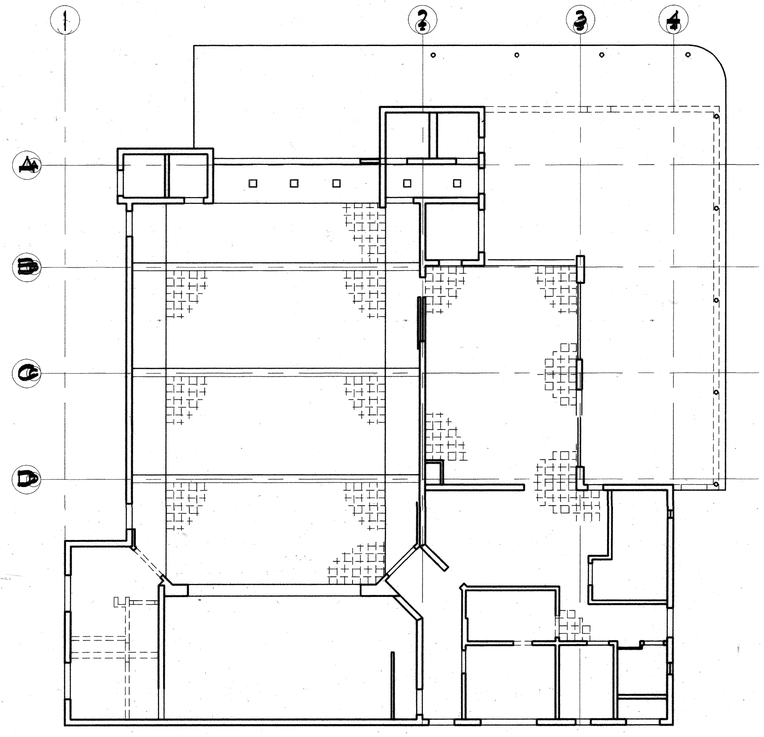
CEILING LEGEND

- NEW 2'-0"x4'-0" SUSPENDED "T" BAR CEILING CLASS "A" ACOUSTIC CEILING TILES. PANELS SHALL BE 2'-0" X 4'-0" X 5/8" ACOUSTIC U.N.O. IN 2'X4' STEEL EXPOSED GRID. FOR TYP. DETAILS SEE SHEET
- NEW 5/8" GYP. BD. CEILING
- NEW 1 X 4 SURFACE MOUNTED LIGHT FIXTURE
- NEW 2 X 4 RECESSED LAY-IN LIGHT FIXTURE
- NEW DOWNLIGHT SEE ELECTRICAL DWGS.
- E. / (E) EXISTING
- E.R. EXISTING, RELOCATED
- N. / (N) NEW
- HVAC - RETURN
- HVAC - SUPPLY



MULTI-PURPOSE BLDG. D - RENOVATION ROOF PLAN (3)

1/8" = 1'-0"



MULTI-PURPOSE BLDG. D - DEMOLITION RCP (1)

1/8" = 1'-0"

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APL 100451
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GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

MULTI-PURPOSE BUILDING "D" DEMO. & RENOV. RCP & ROOF

KEY PLAN:

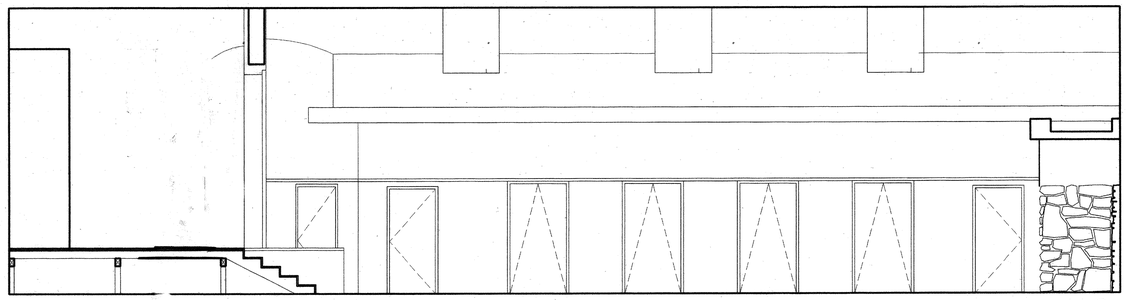
SHEET NO:

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -

A5.3

OF

VVD05



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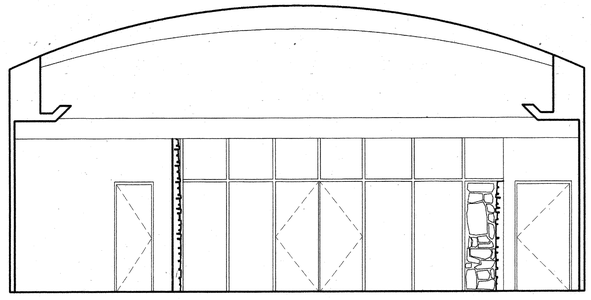
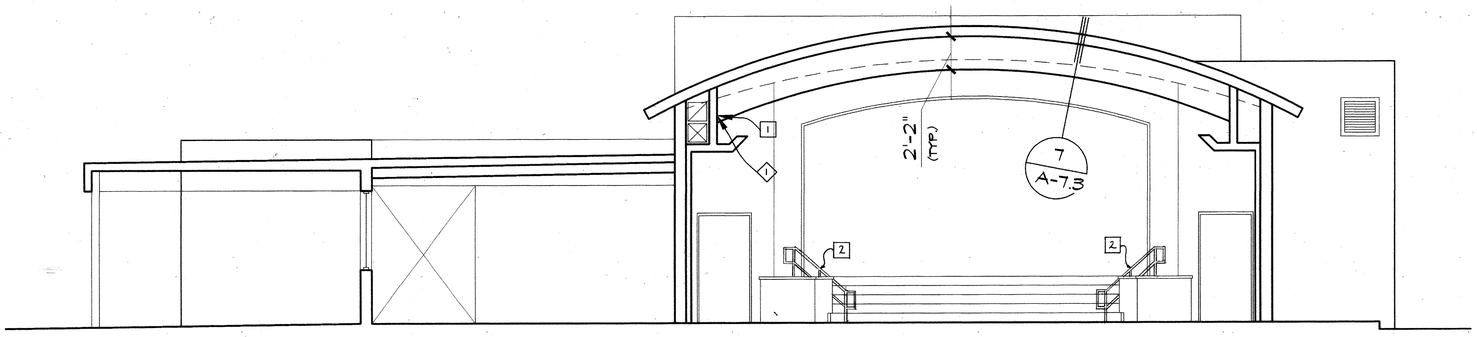


A

ASSEMBLY ROOM 220 - INTERIOR ELEVATIONS (4)

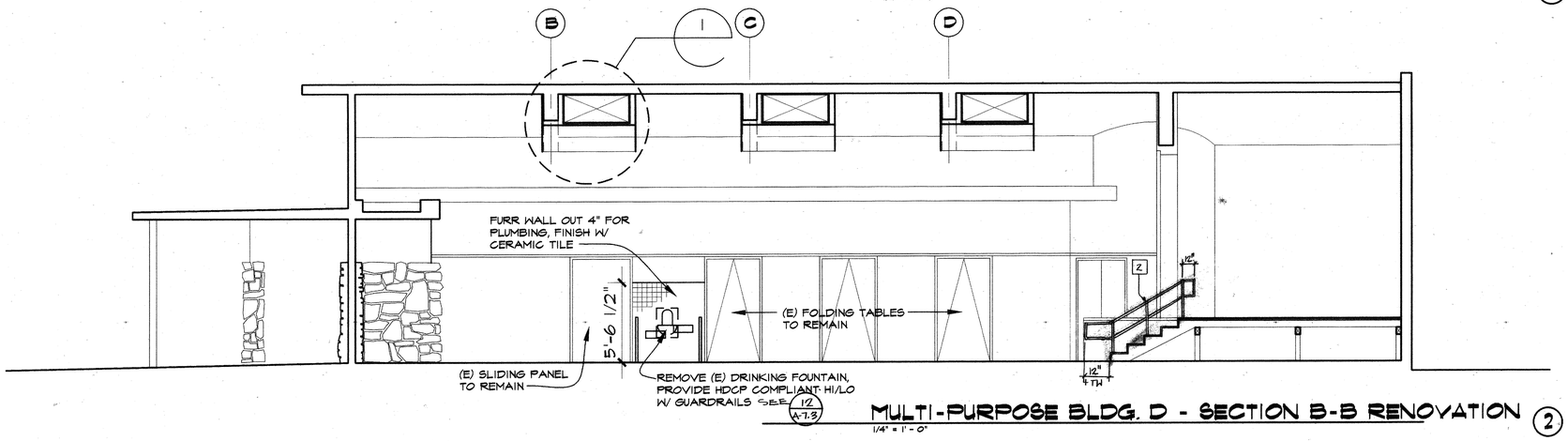
1/4" = 1' - 0"

OTHER ELEVATIONS SHOWN IN SECTIONS



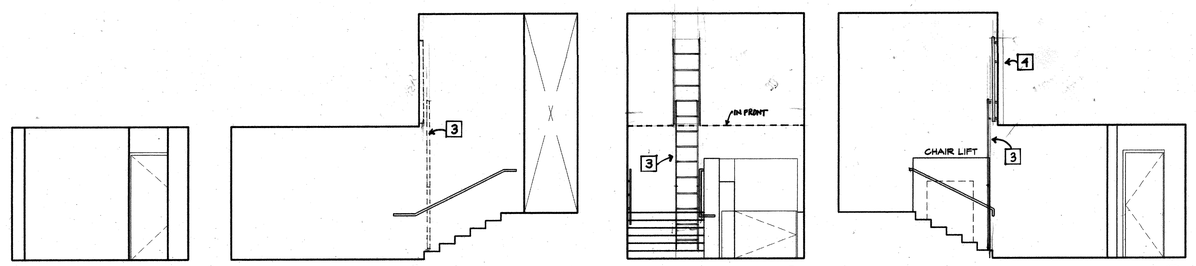
MULTI-PURPOSE BLDG. D - SECTION A-A RENOVATION (3)

1/4" = 1' - 0"



MULTI-PURPOSE BLDG. D - SECTION B-B RENOVATION (2)

1/4" = 1' - 0"



VESTIBULE D-218 (1)

1/4"=1'-0"

RENOVATION NOTES

1. REPLACE WOOD FIBER INSULATED PANELS WHERE REMOVED. PATCH AND REPAIR SOFFIT/WALL WHERE REQUIRED TO MATCH (E).
2. HANDRAILS
3. NEW SLIDING ALUM. LADDER
4. DOOR

DEMOLITION NOTES

1. REMOVE WOOD FIBER INSULATED PANELS FROM SOFFIT. SAVE AND REINSTALL AFTER DUCTWORK HAS BEEN REMOVED. REMOVE GYPSUM BOARD BACKING AND WOOD STUDS AS NEEDED TO FACILITATE THE REMOVEAL OF (E) DUCTWORK.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100251
FLS SS
DATE APR 0 9 1999

BID SET

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ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20677 Exp. 1/31/99 STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

MULTI-PURPOSE BUILDING "D" RENOVATION SECTIONS

KEY PLAN:

SHEET NO:

SCALE: AS SHOWN

DATE: 04/09/98

JOB NO: 9808.04

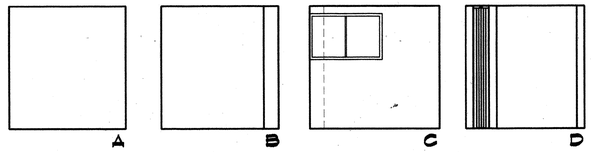
A5.4

DRAWN BY: A.H.

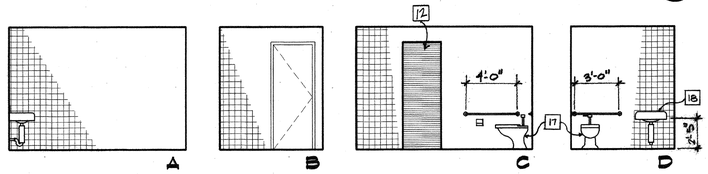
CHECKED BY: -

OF

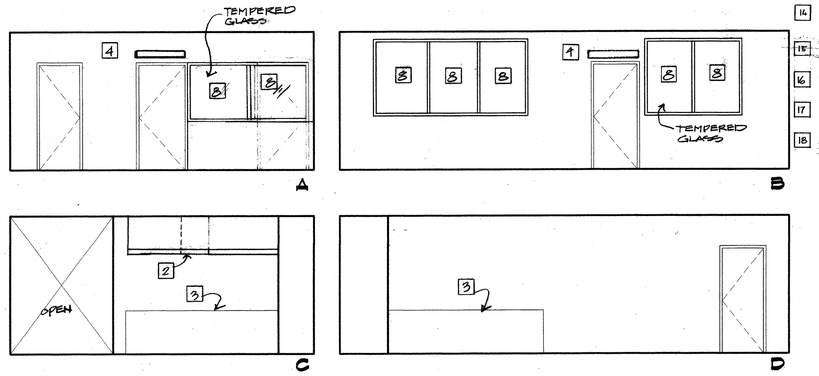
VVD04



STORAGE D-219 (1)
1/4"=1'-0"



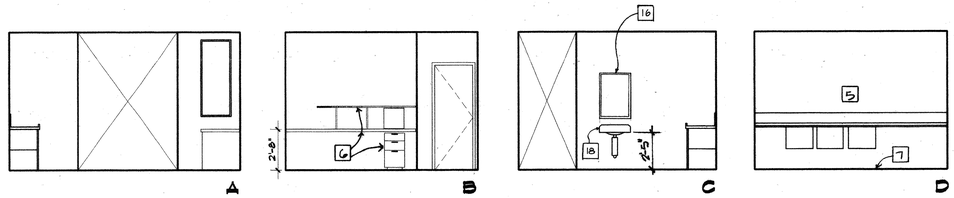
RESTROOM D-210 (H)
1/4"=1'-0"



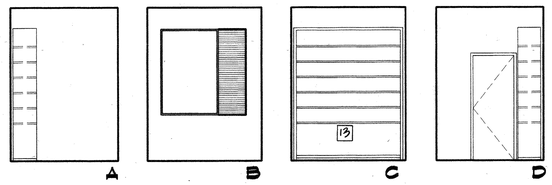
KITCHEN D-207 (D)
1/4"=1'-0"

RENOVATION NOTES

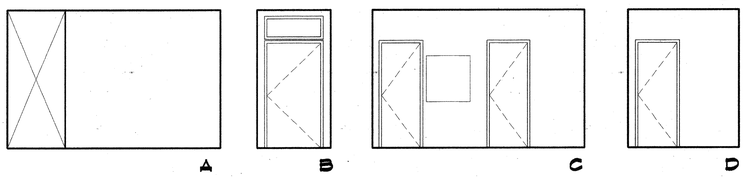
1. EXISTING MASONRY WALL.
2. EXISTING MODIFIED EXHAUAST HOOD.
3. KITCHEN EQUIPMENT. SEE SHT. K-1
4. AIR CURTAIN FAN
5. POT WASHING SINK SEE SHT. K-1
6. PLASTIC LAMINATE DESK AND FILE CABINET PER W.I.C STANDARDS.
7. SLOPE NEW QUARRY TILE FLOOR TO (E) FLOOR DRAIN.
8. NEW WINDOW FRAME AND GLAZING
9. NEW WALL WITH CONCRETE CURB
10. NEW DOOR WITH HARDWARE
11. FURRED OUT DUCT CHASE
12. INFILL FALL, PATCH AND REPAIR PLASTER TO MATCH EXISTING TEXTURE.
13. METAL SHELVING PROVIDED AND INSTALLED BY DISTRICT
14. PROVIDE 1 " THICK PLASTIC LAMINATED SHELVES 2 FT. DEEP , FLOOR TO CEILING WITH SUPPORTS AT 48" O.C.
15. GRAB BAR (9 A-7.3)
16. MIRROR +40
17. WATER CLOSET
18. ACCESSIBLE LAVATORY +28 TO BOTTOM OF APRON



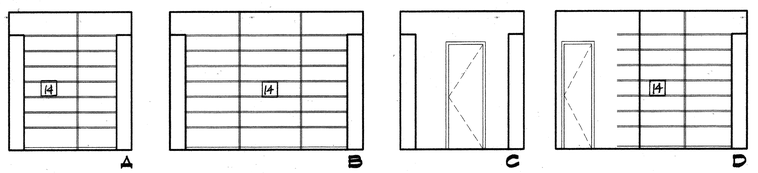
WASH SINK D-209 (G)
1/4"=1'-0"



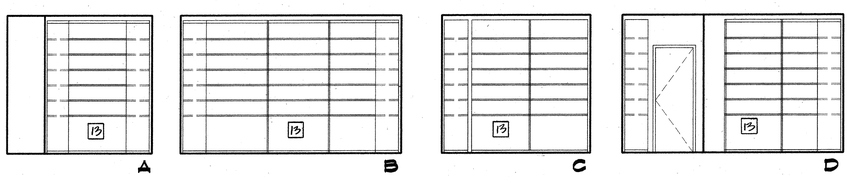
SERVICE STORAGE D-206 (C)
1/4"=1'-0"



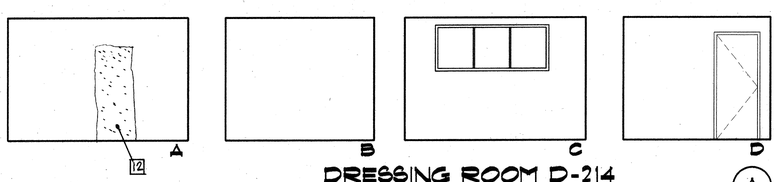
HALL D-209A (F)
1/4"=1'-0"



STORAGE D-215 (B)
1/4"=1'-0"



STORAGE D-208 (E)
1/4"=1'-0"



DRESSING ROOM D-214 (A)
1/4"=1'-0"

MULTI-PURPOSE BLDG. D -INTERIOR ELEVATIONS RENOVATION (1)
1/4" = 1' - 0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP 100451
FLS PK SS
DATE APR 09 1998

BID SET

OSBORN
ARCHITECTS

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Bobby Knox AIA

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PROJECT TITLE

GLENDALE UNIFIED
SCHOOL DISTRICT
MODERNIZATION PLAN
IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW
ELEMENTARY
SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

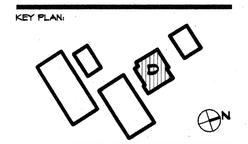
AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

MULTI-PURPOSE
BUILDING "D"
RENOVATION
INT. ELEVATIONS

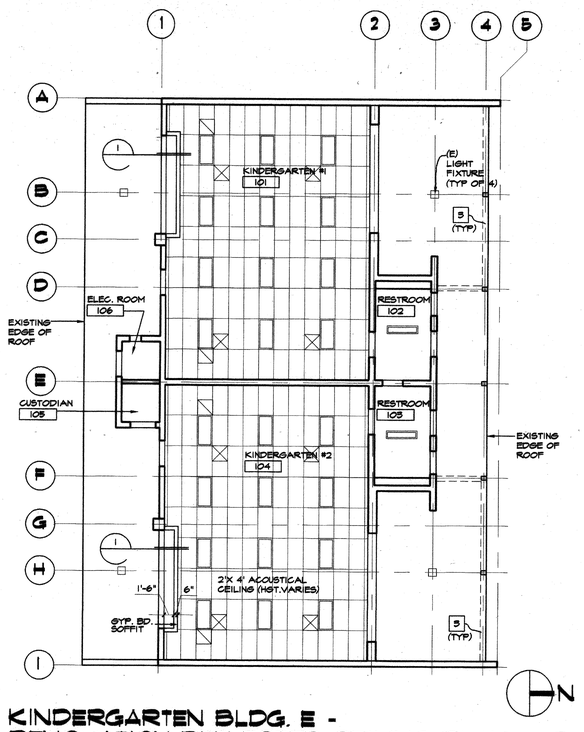
KEY PLAN:



SHEET NO:
A5.5

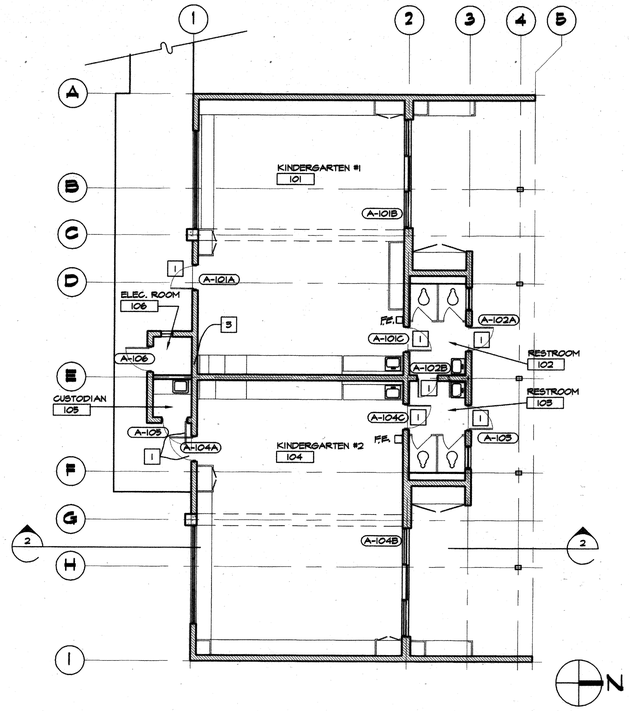
SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -
OF

VVD06



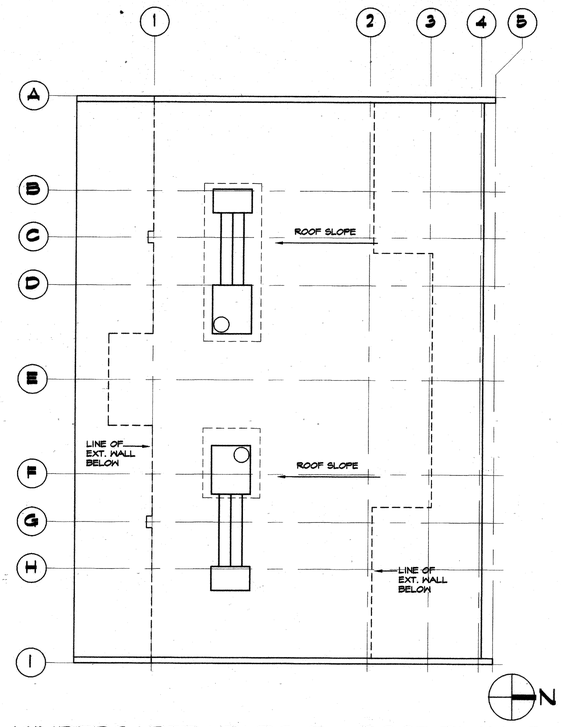
KINDERGARTEN BLDG. E - RENOVATION REFLECTED CEILING PLAN 6

1/8" = 1' - 0"



KINDERGARTEN BLDG. E - RENOVATION PLAN 4

1/8"= 1' - 0"



KINDERGARTEN BLDG. E - ROOF PLAN 2

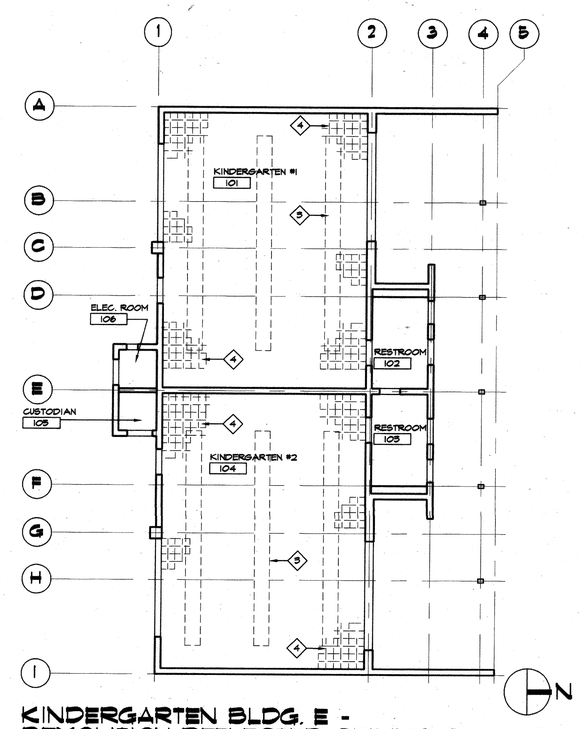
1/8"= 1' - 0"

RENOVATION NOTES

1. PROVIDE NEW DOOR AND HARDWARE
2. PATCH AND REPAIR EXTERIOR CEILING SURFACE TO MATCH (E) WHERE WALL WAS REMOVED
3. FILL HOLES IN MASONRY WALLS WHERE DUCTS & PIPES FORMERLY PENETRATED. (MATCH EXISTING CONSTRUCTION)

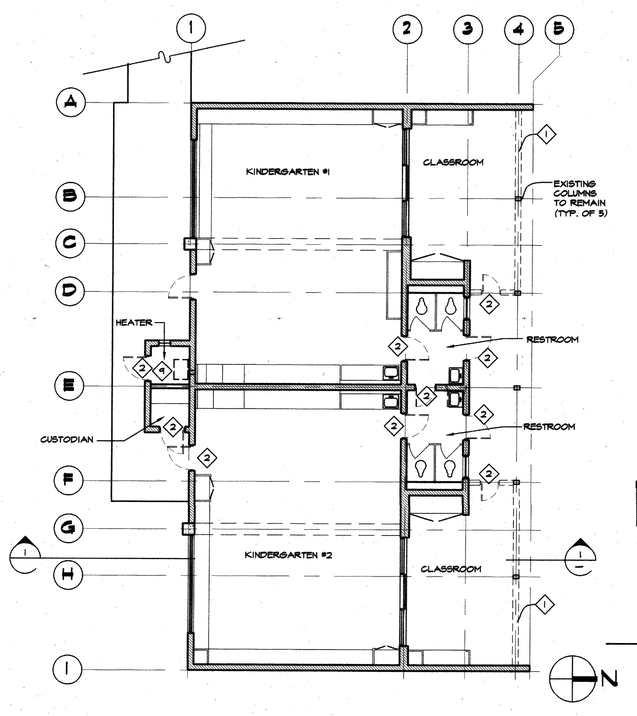
CEILING LEGEND

- NEW 2'-0"x4'-0" SUSPENDED "T" BAR CEILING CLASS "A" ACOUSTIC CEILING TILES. PANELS SHALL BE 2'-0" X 4'-0" X 5/8" ACOUSTIC U.N.O. IN 2'X4' STEEL EXPOSED GRID. FOR TYP. DETAILS SEE SHEET
- NEW 7/8" CEMENT PLASTER CEILING
- NEW 5/8" GYP. BD. CEILING
- NEW 1 X 4 SURFACE MOUNTED LIGHT FIXTURE
- NEW 2 X 4 RECESSED LAY-IN LIGHT FIXTURE
- NEW DOWNLIGHT SEE ELECTRICAL DWGS.
- E. / (E) EXISTING
- E.R. EXISTING, RELOCATED
- N. / (N) NEW
- HVAC - RETURN
- HVAC - SUPPLY



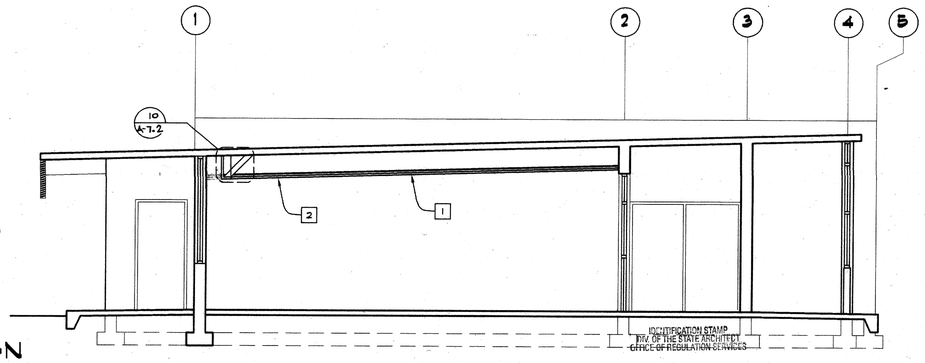
KINDERGARTEN BLDG. E - DEMOLITION REFLECTED CEILING PLAN 5

1/8" = 1' - 0"



KINDERGARTEN BLDG. E - DEMOLITION PLAN 3

1/8"= 1' - 0"



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES

APPL 100424
ACCESS 46 65
DATE APR 09 1998

KINDERGARTEN BLDG. E - SECTION 1

1/4"= 1' - 0"

DEMOLITION NOTES

1. REMOVE WALL, WINDOWS, AND DOORS (SHOWN DOTTED) PRESENTLY ENCLOSING THE CLASSROOMS. WHERE WALLS ARE TO BE REMOVED AS SHOWN ON COLUMN LINES 4, D, & F, REMOVE ALL ATTACHMENTS, TRACKS, BOLTS, ETC. AT EXISTING CONCRETE ROOF SLAB.
2. REMOVE EXISTING DOOR; RETAIN FRAME
3. REMOVE PENDANT MOUNTED LIGHT FIXTURES
4. REMOVE ADHESIVE APPLIED CLG. TILE & ALL ADHESIVE. (SEE SPECS FOR ASBESTOS CONTENT.)

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp 1/24/99 STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

KINDERGARTEN BLDG. "E" DEMO./RENOVATION FLOOR & RCP PLAN

KEY PLAN:

SCALE: AS SHOWN
SHEET NO:
DATE: 04/09/98
JOB NO: 9808.04 A6.1
DRAWN BY: A.H.
CHECKED BY: - OF

YVE01

DOOR SCHEDULE KINDERGARTEN BUILDING "E"

NO.	TYPE	SIZE WIDTH	SIZE HEIGHT	SIZE THICK	DOOR MAT	DOOR FIN	FRAME MAT	FRAME FIN	DETAILS HEAD	DETAILS JAMB	DETAILS JAMB	DETAILS SILL	FIRE RATED	HDW SET	REMARKS
101A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-	-	2	
101B	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	-	-	(E)	(E) SLIDING GLASS DOORS
101C	B	3'-0"	7'-0"	1 3/4"	WD	NAT	(E)WD	PNT	(E)	(E)	(E)	-	-	2B	
102A	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-	-	2B	
102B	B	2'-4"	7'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)	-	-	2A	
103	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-	-	14	
104A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-	-	2A	
104B	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	-	-	(E)	(E) SLIDING GLASS DOORS
104C	B	3'-0"	7'-0"	1 3/4"	WD	NAT	(E)WD	PNT	(E)	(E)	(E)	-	-	2B	
105	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-	45 MIN.	2A	
106	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-	-	8	

DOOR SCHEDULE ADMINISTRATION BUILDING "A"

NO.	TYPE	SIZE WIDTH	SIZE HEIGHT	SIZE THICK	DOOR MAT	DOOR FIN	FRAME MAT	FRAME FIN	DETAILS HEAD	DETAILS S. JAMB	DETAILS H. JAMB	DETAILS SILL	FIRE RATED	HDW SET	REMARKS
401A	A2	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)WD	PNT	(E)	(E)	(E)	-		5	
401B	A1	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	(E)		5	
402	A2	3'-0"	7'-0"	1 3/4"	WD	NAT.	HM	PNT	2/A-7.1	1/A-7.1	1/A-7.1	-		5	
403	A2	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)WD	PNT	(E)	(E)	(E)	-		5	
404	A	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)WD	PNT	(E)	(E)	(E)	(E)		2B	
406	A	3'-0"	7'-0"	1 3/4"	WD	NAT.	HM	PNT	2/A-7.1	1/A-7.1	1/A-7.1	-		5	
407	A1	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)	PNT	(E)	(E)	(E)	-		5	PANIC HARDWARE
408A	A2	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)WD	PNT	(E)	(E)	(E)	-		4	
408B	A	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)WD	PNT	(E)	(E)	(E)	-		4	
409	B	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)	PNT	(E)	(E)	(E)	-		4	
410	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)WD	(E)	(E)	(E)	-		5	
411	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)	PNT	(E)	(E)	(E)	-		5A	
412	A	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)	PNT	(E)	(E)	(E)	-	45 MIN.	4	
415A	A	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)WD	PNT	(E)	(E)	(E)	-		4	
415B	A	3'-0"	7'-0"	1 3/4"	WD	NAT.	(E)WD	PNT	(E)	(E)	(E)	-		4	

DOOR SCHEDULE CLASSROOM BUILDING "B"

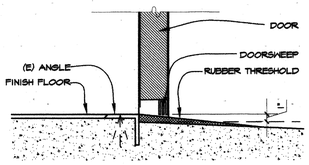
NO.	TYPE	SIZE WIDTH	SIZE HEIGHT	SIZE THICK	DOOR MAT	DOOR FIN	FRAME MAT	FRAME FIN	DETAILS HEAD	DETAILS JAMB	DETAILS JAMB	DETAILS SILL	FIRE RATED	HDW SET	REMARKS
501	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	3/A-7.1	4/A-7.1	4/A-7.1	B/A-7.1/SIM.		5A	
502	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		8	
503	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		8	
504	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1	45 MIN.	7	
505	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	3/A-7.1	4/A-7.1	4/A-7.1	B/A-7.1/SIM.		5A	
506A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
506B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
507A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
507B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
508A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
508B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
509A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
509B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
510A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
510B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
511	B	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	3/A-7.1	4/A-7.1	4/A-7.1	B/A-7.1/SIM.		4A	
512	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		8	
513	B	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT				6/A-7.1		8A	
514	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		7A	
515	B	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT				6/A-7.1		4A	
516A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
516B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
517A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
517B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
518A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
518B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
519A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
519B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
520A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
520B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	

DOOR SCHEDULE CLASSROOM BUILDING "C"

NO.	TYPE	SIZE WIDTH	SIZE HEIGHT	SIZE THICK	DOOR MAT	DOOR FIN	FRAME MAT	FRAME FIN	DETAILS HEAD	DETAILS JAMB	DETAILS JAMB	DETAILS SILL	FIRE RATED	HDW SET	REMARKS
301	B	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	3/A-7.1	4/A-7.1	4/A-7.1	B/A-7.1/SIM.		4A	
302	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		7	
303	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		8A	
304	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1	45 MIN.	8A	
305	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		4A	
306A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
306B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
307A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
307B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
308A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
308B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
309A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	3/A-7.1	4/A-7.1	4/A-7.1	B/A-7.1/SIM.		2	
310	B	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	(E)	(E)	(E)	6/A-7.1		4A	
311	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		8	
312	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		8	
313	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT						7	
314	B	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	(E)	(E)	(E)	6/A-7.1		4A	
315A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
315B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
316A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
316B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
317A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2	
317B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		2A	
318A	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1			
318B	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1			

DOOR SCHEDULE MULTI-PURPOSE BUILDING "D"

NO.	TYPE	SIZE WIDTH	SIZE HEIGHT	SIZE THICK	DOOR MAT	DOOR FIN	FRAME MAT	FRAME FIN	DETAILS HEAD	DETAILS JAMB	DETAILS JAMB	DETAILS SILL	FIRE RATED	HDW SET	REMARKS
201	B	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	(E)		8A	
202	A	2'-8"	7'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)	(E)		9	
203	B	E	E	1 3/4"	(E)	(E)	(E)WD	PNT	(E)	(E)	(E)	(E)		4	
204	B	E	E	1 3/4"	(E)	(E)	(E)WD	PNT	(E)	(E)	(E)	(E)		4	
205	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	(E)		2	
206	A	3'-0"	7'-0"	1 3/4"	WD	NAT	HM	PNT	3/A-7.1	3/A-7.1	3/A-7.1	(E)		9A	
207A	B1	3'-0"	7'-0"	1 3/4"	HM	PNT	ALUM.	PNT	7/A-7.1	7/A-7.1	7/A-7.1	B/A-7.1/SIM.		2	BRASS HINGES
207B	-	-	-	-	-	-	-	-	-	-	-	-		-	NOT USED
207C	B1	3'-0"	7'-0"	1 3/4"	HM	PNT	HM	PNT	7/A-7.1/SIM.	7/A-7.1/SIM.	7/A-7.1/SIM.	B/A-7.1/SIM.		2	
208	A	3'-0"	7'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)	(E)		10A	12X12 DOOR LOUVER
209	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	(E)		3A	
210	A	3'-0"	7'-0"	1 3/4"	WD	NAT	HM	PNT	2/A-7.1	1/A-7.1	1/A-7.1	7/A-7.1		4	12X12 DOOR LOUVER
211	A	2'-8"	7'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)	(E)	45 MIN.	11	12X12 DOOR LOUVER
212	C	2'-0" PR.	6'-8"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)			5	FULL LOUVER DOORS
213	A	3'-0"	6'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)	(E)	45 MIN.	10	12X12 DOOR LOUVER
214	A	3'-0"	6'-0"	1 3/4"	WD	NAT	HM	PNT	2/A-7.1	1/A-7.1	1/A-7.1	(E)	20 MIN.	12	
215	A	3'-0"	7'-0"	1 3/4"	WD	NAT	HM	PNT	2/A-7.1/SIM.	1/A-7.1/SIM.	1/A-7.1/SIM.	(E)	20 MIN.	9	
216	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	(E)		13	PANIC HARDWARE
217	A	3'-0"	7'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)	(E)	20 MIN.	14	
217A	A	3'-0"	6'-8"	1 3/4"	WD	NAT	HM	PNT	5/A-7.1/SIM.	5/A-7.1/SIM.	5/A-7.1/SIM.	5/A-7.1/SIM.		2	
219	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)		(E)	
220A	D	6'-0" PR.	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	-		5	PANIC HARDWARE
220B	B2	3'-0"	7'-0"	1 3/4"	WD	NAT	(E)HM	PNT	(E)	(E)	(E)			3	"DOOR TO REMAIN OPEN DURING SCHOOL HOURS" 12X12 DOOR LOUVER
220C	A2	3'-6"	7'-0"	1 3/4"	WD	NAT	HM	PNT	2/A-7.1	1/A-7.1	1/A-7.1	-	20 MIN.	5A	PANIC HARDWARE
220D	A2	3'-6"	7'-0"	1 3/4"	WD	NAT	HM	PNT	2/A-7.1	1/A-7.1	1/A-7.1		20 MIN.	14A	
220E	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		13	PANIC HARDWARE
220F	B2	3'-0"	7'-0"	1 3/4"	HM	PNT	(E)HM	PNT	(E)	(E)	(E)	6/A-7.1		13A	PANIC HARDWARE



THRESHOLD DETAIL 6
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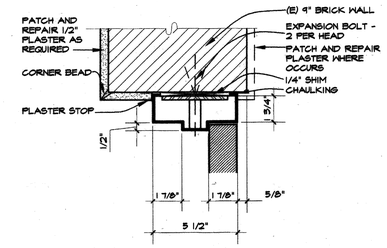

HEAD DETAIL 3
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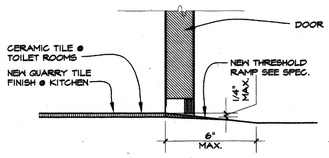

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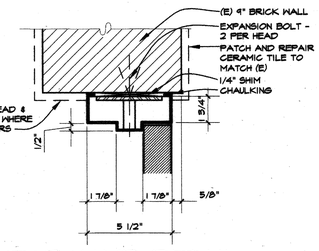
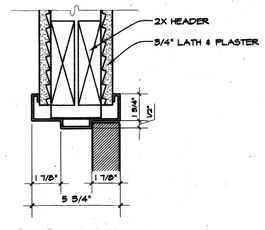
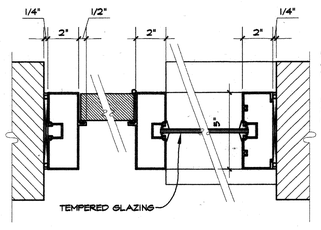


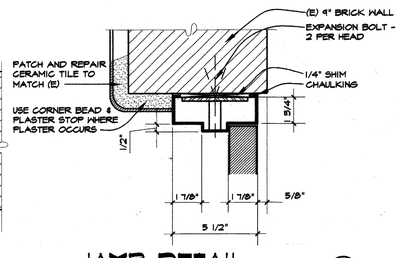
HEAD/JAMB DETAIL 5
3"=1'-0" FILE: JAMBDETL



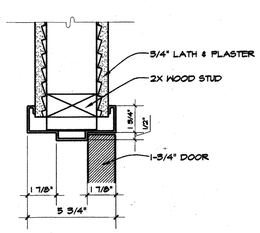
HEAD DETAIL 2
3"=1'-0" FILE: JAMBDETL



HEAD/JAMB DETAIL 7
3"=1'-0" FILE: JAMBDETL

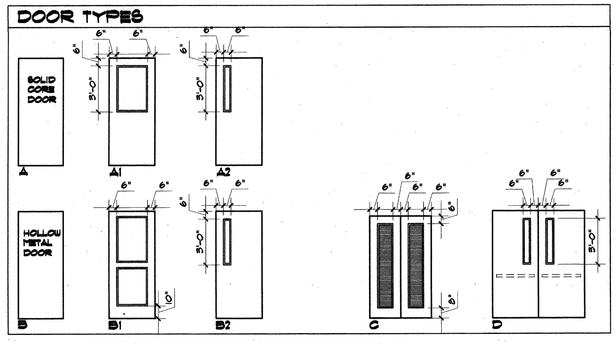


JAMB DETAIL 4
3"=1'-0" FILE: JAMBDETL



JAMB DETAIL 1
3"=1'-0" FILE: JAMBDETL

DOOR TYPES



ABBREVIATIONS

ALUM.	ALUMINUM
(E)	EXISTING TO REMAIN
F.V.	FIELD VERIFY
HM	HOLLOW METAL
MANUF.	MANUFACTURER
NAT.	NATURAL WOOD GRAIN
P.H.	PANIC HARDWARE
PNT	PAINT
SC	SOLID CORE WOOD
W	WOOD

NOTES:

1. PROVIDE HINGE FILLER PLATES AT ALL DOORS WHERE CONTINUOUS HINGE IS SPECIFIED.

2. PROVIDE REINFORCING FOR BRASS HINGES AT ALUMINUM FRAME. TAKE ALL REQUIRED PRECAUTIONS TO PROTECT DISSIMILAR METALS.

BID SET

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REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

DOOR SCHEDULES

KEY PLAN:

IDENTIFICATION STAMP
TITLE OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
ID# 100471
APPROVED
DATE APR 9 1998

SHEET NO:
7.1

SCALE: NTS
DATE: 4-8-98
JOB NO: 9748.03
DRAWN BY: A.H./ND
CHECKED BY: -

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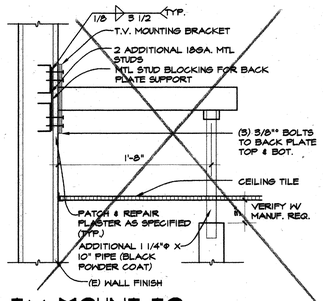
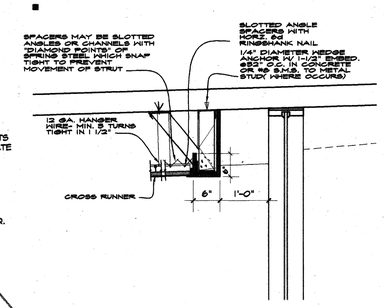


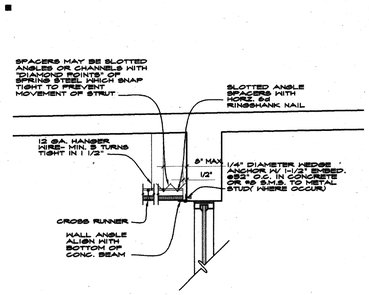
T.V. MOUNT TO STUDS (SOUTH CONDITION) 15

1-1/2"=1'-0" FILE:



SOFFIT SECTION

NTS FILE: 10



SOFFIT SECTION

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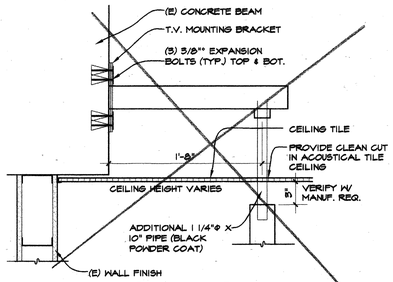
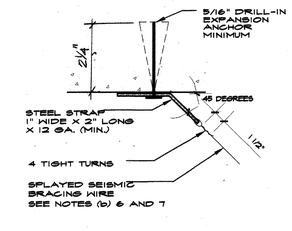


T.V. MOUNT TO CONC. BEAM (NORTH CONDITION) 14

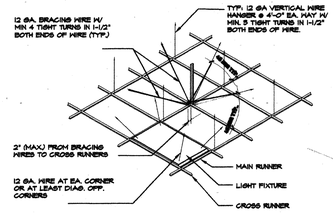
1-1/2"=1'-0" FILE:



(B) SPLAYED SEISMIC BRACING WIRE ATTACHMENT

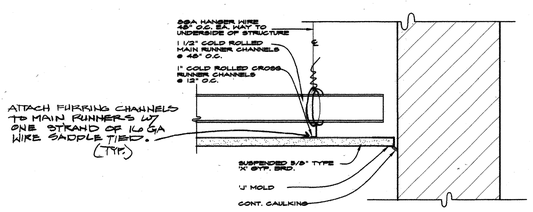
SPLAYED SEISMIC WIRE

NTS FILE: 9



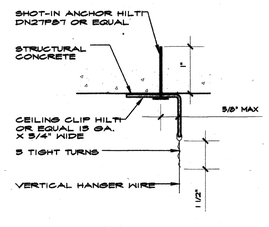
ACCOUSTICAL CEILING GRID

NTS FILE: 4



SUSP. GYP. BD. CLG.

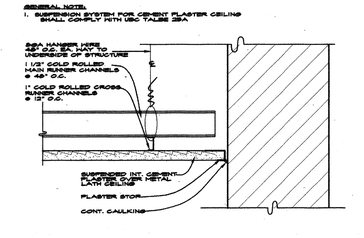
NTS FILE: 13



(A) VERTICAL HANGER WIRE ATTACHMENT

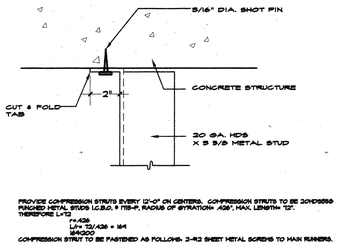
VERTICAL SEISMIC WIRE

NTS FILE: 8



SUSP. PLASTER CLG.

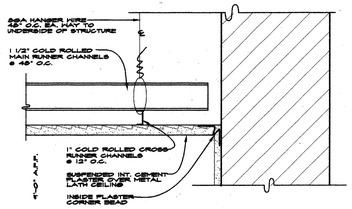
NTS FILE: 3



PROVIDE COMPRESSION STRUTS EVERY 12'-0" ON CENTERS. COMPRESSION STRUTS TO BE 20MDS250 PUNCHED METAL STUDS (C.B.O. 9 115-P, RADIUS OF GYRATION .826", MAX. LENGTH 12'. THEREFORE L/r=
L=144
r= 12/426 = .169
144/.900
COMPRESSION STRUT TO BE FASTENED AS FOLLOWS: 2-#12 SHEET METAL SCREWS TO MAIN RUNNERS.

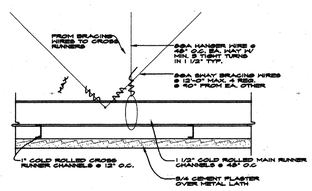
COMPRESSION STRUT

NTS FILE: 12



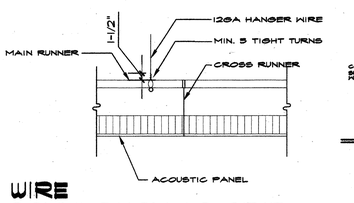
SUSP. PLASTER CLG.

NTS FILE: 7



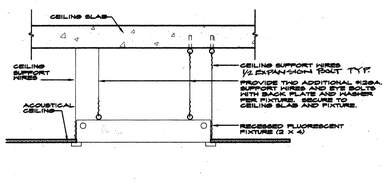
SUSP. PLASTER CLG.

NTS FILE: 2



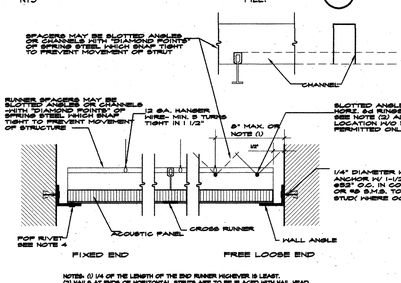
WIRE CONNECTION TO GRID

NTS FILE: 11



FIXTURE SUPPORT

NTS FILE: 6



NOTES: (1) 1/4 OF THE LENGTH OF THE END RUNNER HOWEVER IS LEAST.
(2) WALLS AT ENDS OF HORIZONTAL STRUTS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTER OF STRUT SPAN.

CEILING/WALL DETAIL

NTS FILE: 1

METAL SUSPENSION SYSTEMS FOR LAY-IN PANEL CEILINGS

GENERAL NOTES

1. 12 GA. (MIN.) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG MAIN RUNNERS. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY DSA/SS6.

2. PROVIDE 12 GA. HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN 8" FROM THE SUPPORT OR WITHIN 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LEAST, FOR THE PERIMETER OF THE CEILING AREA. END CONNECTIONS FOR RUNNERS WHICH ARE DESIGNED AND DETAILED TO RESIST THE APPLIED HORIZONTAL FORCES MAY BE USED IN LIEU OF THE 12 GA. HANGER WIRES SUBJECT TO DSA/SS6 REVIEW AND APPROVAL.

3. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS, OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTER-SLOPING WIRES.

4. CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF WALL.

5. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 12" OR LESS, THIS INTERLOCK IS NOT REQUIRED.

6. PROVIDE SETS OF FOUR 12 GA. SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING.

(a) FOR SCHOOL BUILDINGS, PLACE SETS OF BRACING WIRES AT A SPACING NOT MORE THAN 12 FEET BY 12 FEET ON CENTER.

(b) PROVIDE BRACING WIRES AT LOCATIONS NOT MORE THAN 1/2 THE SPACING GIVE IN (a) ABOVE FROM EACH PERIMETER WALL AND AT THE EDGE OF VERTICAL CEILING OFFSETS.

THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICED INBRACING WIRES ARE NOT TO BE PERMITTED WITHOUT SPECIAL DSA/SS6 APPROVAL.

7. FASTEN HANGER WIRES WITH NOT LESS THAN 5 TIGHT TURNS. FASTEN BRACING WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2" INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.

8. SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC. IT IS ACCEPTABLE TO ATTACH LIGHTWEIGHT ITEMS, SUCH AS A SINGLE ELECTICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO DSA/SS6.

9. WHEN DRILLED-IN CONCRETE ANCHORS OR SHOT-IN ANCHORS ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 MUST BE FIELD TESTED FOR 200 POUNDS OF TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 MUST BE FIELD TESTED FOR 440 POUNDS IN TENSION. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES. IF ANY SHOT-IN OR DRILLED-IN ANCHOR FAILS, ALL ADJACENT ANCHORS MUST BE TESTED.
NOTE: DRILLED-IN OR SHOT-IN ANCHORS REQUIRE SPECIAL DSA/SS6 APPROVAL WHEN USED IN PRESTRESSED CONCRETE.

10. ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO WEIGHT OF THE FIXTURES.

11. PLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO 12 GA. BLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4 FT. X 4 FT. LIGHT FIXTURES MUST HAVE BLACK SAFETY WIRES AT EACH CORNER.

ALL PLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING 56 POUNDS OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED.

THE 4 TAUT 12 GA. WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE UNIT.

12. SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE SUPPORTED FROM THE STRUCTURE ABOVE

PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 FEET OR LONGER.

13. CLASSIFICATION OF CEILING GRID IS "HBG- DONN CEILING SUSPENSION SYSTEM"
- MAIN RUNNER: USG HEAVY DUTY "D X 36"
- CROSS RUNNER: USG HEAVY DUTY "D X 424"

14. ACOUSTICAL PANEL:
- USG # 562 FISSURED PATTERN
24" X 48" X 5/8"
CLASS "A"
FIRE SPREAD RATING: 25
SMOKE DEVELOPE: 50

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
APPROVED
DATE APR 03 1998

BID SET

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Bobby Knox AIA

Food Services Facility
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

SHEET TITLE:

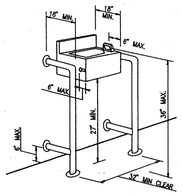
DETAILS

KEY PLAN:

SHEET NO:
A7.2

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: MF
CHECKED BY: -
OF

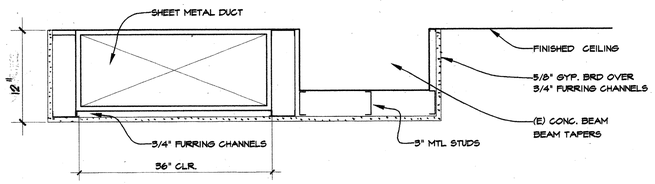
VV-D712



(b)
NON-ALCOVE,
WING WALL
INSTALLATION

IN.

12



FURRING @ CEILING DUCTS 7
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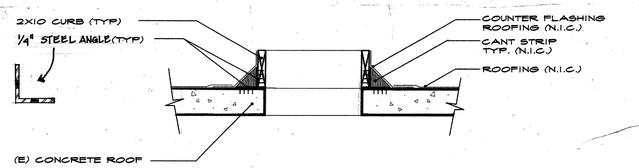
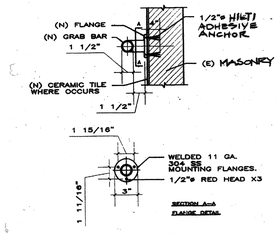
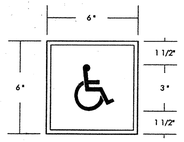


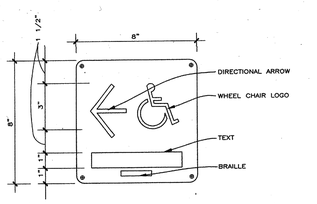
CURB DETAIL 11
1"=1'-0"



MASONRY ATTACHMENT 10
1"=1'-0" FILE:



BARRIER FREE SIGN
NTS 14



H.C. DIRECTIONAL SIGN 13
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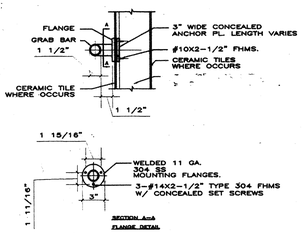

GRAB BAR ATTACHMENT 9
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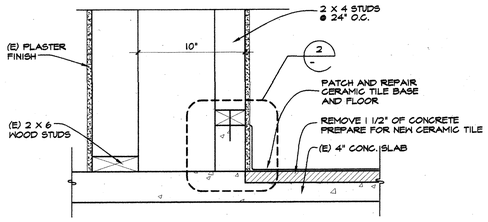
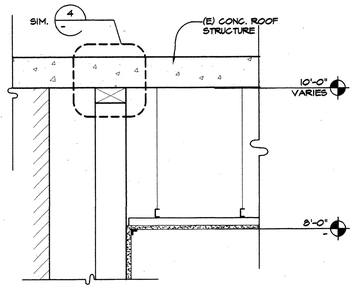


WALL SECTION 8
1 1/2"=1'-0"



WALL SECTION 6
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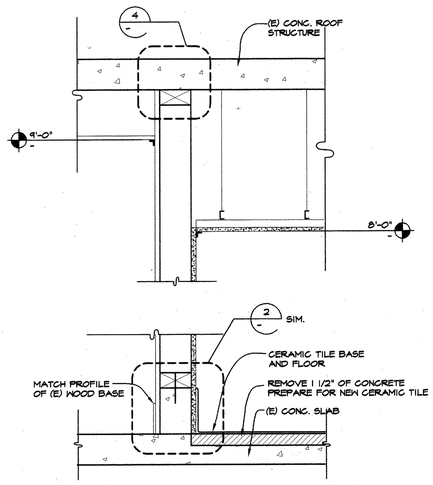

WALL SECTION 5
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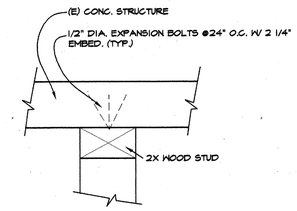

TOP TRACK CONNECT. 4
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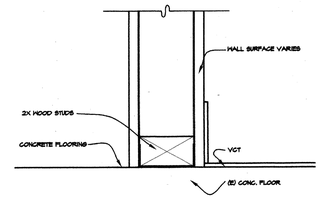

WALL @ FLOOR EXT. 3
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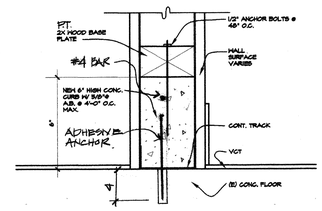
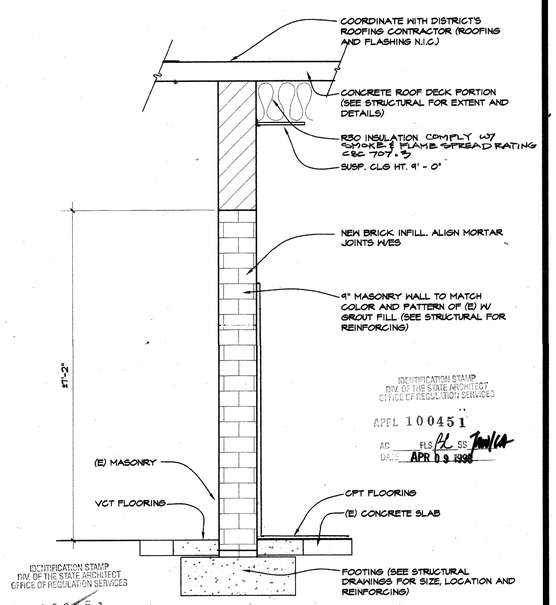


WALL AT TOILET RM. FLOOR INT. 2
3"=1'-0" FILE:



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AC. FLS SS
DATE APR 09 1998

CEILING/WALL DETAIL 1
3/4"=1'-0" FILE:

BID SET

OSBORN
ARCHITECTS

REGISTERED ARCHITECT
EDWARD K. OSBORN
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Exp. 4/30/99
STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED
SCHOOL DISTRICT
MODERNIZATION PLAN
IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW
ELEMENTARY
SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT
DRAWINGS

REVISION:

SHEET TITLE:

DETAILS

KEY PLAN:

SHEET NO:
A7.3

SCALE: AS SHOWN
DATE: 4/8/98 4/09/98
JOB NO: 9808.04
DRAWN BY: AH/ND
CHECKED BY: -
OF
DETAIL2.DWG

CONDUIT INSPECTION NOTES

1. THE UNDERGROUND CONDUIT SYSTEM (IF ANY) WILL BE INSPECTED BY THE DISTRICT INSPECTOR AND ENGINEER PRIOR TO ENCASEMENT AND BACKFILLING. IF ANY ITEMS FOR CORRECTION ARE NOTED, THESE ITEMS SHALL BE CORRECTED AT THIS TIME. AFTER THE DISTRICT INSPECTOR AND ENGINEER HAVE INSPECTED THE CORRECTED UNDERGROUND CONDUIT SYSTEM, DISTRICT MAINTENANCE PERSONAL WILL INSPECT AND APPROVE THE CONDUIT SYSTEM PRIOR TO ENCASEMENT AND BACKFILLING.
2. BEFORE ANY CONDUCTORS OR DEVICES ARE INSTALLED, THE COMPLETED CONDUIT SYSTEM SHALL BE INSPECTED BY THE DISTRICT INSPECTOR AND ENGINEER. IF ANY ITEMS FOR CORRECTION ARE NOTED, THESE ITEMS SHALL BE CORRECTED AT THIS TIME. AFTER THE DISTRICT INSPECTOR AND ENGINEER HAVE INSPECTED THE CORRECTED CONDUIT SYSTEM, MAINTENANCE PERSONAL WILL INSPECT AND APPROVE THE CONDUIT SYSTEM PRIOR TO THE CONTRACTOR INSTALLING ANY CONDUCTORS OR DEVICES.
3. AT THE COMPLETION OF CONSTRUCTION, THE DISTRICT INSPECTOR AND ENGINEER WILL INSPECT AND TEST THE COMPLETED SYSTEM. IF ANY ITEMS FOR CORRECTION ARE NOTED, THESE ITEMS SHALL BE CORRECTED AT THIS TIME. AFTER THE DISTRICT INSPECTOR AND ENGINEER HAVE INSPECTED THE CORRECTIONS, DISTRICT MAINTENANCE PERSONAL WILL INSPECT AND APPROVE THE COMPLETED SYSTEM.

MAINTENANCE OF SERVICE

1. UNINTERRUPTED SERVICES SHALL BE MAINTAINED TO ALL BUIDINGS ON CAMPUS AT ALL TIMES, EXCEPT DURING PRE-SCHEDULED SHUT-DOWNS OF THE ELECTRICAL SERVICE.
2. ANY WORK THAT WILL REQUIRE THE SHUTDOWN OF ANY ELECTRICAL SYSTEM SHALL BE DONE AS DIRECTED BY THE DISTRICT. UPON SUCH A SHUTDOWN, THE WORK, ONCE STARTED, SHALL CONTINUE UNINTERRUPTED UNTIL THE WORK HAS BEEN COMPLETED AND SERVICE IS RESTORED.
3. WORK REQUIRING A SHUT-DOWN OF POWER TO THE OCCUPIED BUILDINGS SHALL BE COMPLETED OVER A WEEKEND. WORK MAY BEGIN AT 4PM ON FRIDAY AFTERNOON AND POWER SHALL BE RESTORED BY 6AM MONDAY MORNING.
4. THE CONTRACTOR SHALL PREPARE A WRITTEN METHOD OF PROCEDURE AND NOTIFY THE DISTRICT TWO WEEKS IN ADVANCE OF ANY ELECTRICAL SHUTDOWN.
5. THE BID PRICE SHALL INCLUDE ALL CHARGES FOR OVERTIME WORK.

SIGNAL SYSTEM NOTES

1. THE CABLE FROM ALL SIGNAL SYSTEM DEVICES (SPEAKERS, PHONES, SECURITY DEVICES, DATA OUTLETS, TV OUTLETS, ETC.) SHALL BE INSTALLED FROM THE DEVICE LOCATION TO THE APPROPRIATE SYSTEM BACKBOARD OR TERMINAL CABINET VIA THE NEW CABLE TRAY. THE CABLE OR CONDUCTORS SHALL BE INSTALLED WITH NO SPLICE OR INTERMEDIATE TERMINATIONS UNLESS INDICATED ON THE PLANS.

WORKMANSHIP NOTES

1. AESTHETICS ARE A VERY IMPORTANT COMPONENT OF THIS PROJECT. INSTALLATION OF ALL ELECTRICAL WORK SHALL BE OF THE HIGHEST QUALITY AND CRAFTSMANSHIP POSSIBLE.
2. THE ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT MANY OFFSETS, BENDS, SPECIAL FITTINGS AND EXACT LOCATIONS ARE NOT INDICATED. THE CONTRACTOR SHALL CAREFULLY STUDY THE DRAWINGS AND PREMISES IN ORDER TO DETERMINE THE BEST METHODS, EXACT LOCATIONS, ROUTES, OBSTRUCTIONS, ETC. WHICH AFFECT HIS INSTALLATION. REFER TO SPECIFICATION SECTION 16000 FOR ADDITIONAL REQUIREMENTS.
3. ALL NEW CONDUIT SHALL BE INSTALLED CONCEALED IN WALLS, CEILINGS OR UNDERGROUND; EXCEPT IN LOCATIONS PRE-APPROVED BY THE ARCHITECT.
4. ARCHITECT'S APPROVAL MUST BE OBTAINED FOR ANY AND ALL SURFACE MOUNTED/ EXPOSED RACEWAYS AND OUTLETS - EVEN THOSE INDICATED AS SURFACE MOUNTED/ EXPOSED ON THE DRAWINGS.
5. ANY EXPOSED CONDUITS/RACEWAYS THAT ARE ALLOWED SHALL BE INSTALLED IN LOCATIONS THAT ARE AS INCONSPICOUS AS POSSIBLE, AND SHALL FOLLOW THE LINES OF THE STRUCTURE AS CLOSELY AS POSSIBLE. ALL EXPOSED CONDUITS, BOXES, ETC. SHALL BE PAINTED. REFER TO SPECIFICATION SECTION 09900.
6. ALL DEVICES SHOWN ON EXISTING INTERIOR PARTITION WALLS SHALL BE FLUSH MOUNTED WITH FLEXIBLE CONDUIT "FISH" DOWN INSIDE THE WALL FROM ACCESSIBLE CEILING SPACE, WHETHER INDICATED OR NOT. SEE (H / E-10.1)

SYMBOL LIST NOTES

* SEE SHEET E-1.2 FOR EQUIPMENT MANUFACTURER AND CSFM LISTING NUMBERS (FIRE ALARM EQUIPMENT SCHEDULE). MATERIAL AND EQUIPMENT SHALL BE UL LISTED.

** THE CONTRACTOR SHALL REFER TO THE ARCHITECTUAL FLOOR PLANS AND INTERIOR ELEVATIONS FOR ALL SURFACE MOUNTED RACEWAYS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL OFFSETS, ELBOWS, ETC. NECESSARY FOR A COMPLETE INSTALLATION.

TELEPHONE INSTRUMENT SCHEDULE

PHONE TYPE	SPEC. REFERENCE	DESCRIPTION
A*	T1	ATTENDANT TELEPHONE
B*	T2	ELECTRONIC KEY TELEPHONE (16 BUTTON)
C*	T3	ELECTRONIC KEY TELEPHONE (3 BUTTON)
D*	T4	SINGLE LINE TELEPHONE DESK TYPE
E*	T5	SINGLE LINE TELEPHONE WALL TYPE

* COORDINATE FINAL LOCATION OF ALL TYPE "A" THRU TYPE "D" PHONES WITH SITE PERSONNEL PRIOR TO FINAL PLACEMENT AND CONNECTION.

SPEAKER SCHEDULE

SPEAKER TYPE	SPEC. REFERENCE	DESCRIPTION
A	SECTION 16740-TYPE A	FLUSH MOUNTED CEILING TYPE
B	SECTION 16740-TYPE B	SURFACE WALL MOUNTED
C	SECTION 16740-TYPE C	EXTERIOR TYPE
D	SECTION 16770	AUTONOMOUS PA IN MULTI-PURPOSE

SYMBOL LIST

- * (FC) — FIRE ALARM AUDIBLE/VISUAL (HORN STROBE) COMBINATION DEVICE. LETTER INDICATES INTENSITY OF STROBE. (SEE SCHDEULE)
- * — INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR CEILING MOUNTED ON A NEW OUTLET.
- * — INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR MOUNTED IN AN IN-DUCT SMOKE DETECTOR HOUSING.
- * (H) — INTELLIGENT HEAT DETECTOR CEILING MOUNTED ON A NEW OUTLET.
- * (EH) — END OF LINE RESISTOR FOR HORN (H) OR STROBE (S) CKT.
- * (FT) — FIRE ALARM PROJECTED BEAM DETECTOR (T=TRANSMITTER, R=RECEIVER) WALL MOUNTED 18" BELOW LOWEST POINT OF CEILING. PROVIDE A MONITOR MODULE IN A SEPARATE OUTLET BOX ADJACENT TO EACH PROJECTED BEAM DETECTOR FOR CONNECTION TO ADDRESSABLE LOOP.
- * (FM) — ADDRESSIBLE MONITOR MODULE.
- * (FC) — ADDRESSIBLE CONTROL MODULE.
- * (FT) — FIRE ALARM REMOTE TRANSPONDER.
- ** — MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY. WIREMOLD 5500 SERIES. REFER TO SPECIFICATIONS. SEE (C / E-10.1)
- 3/4" X 10'-0" COPPER CLAD GROUND ROD, U.O.N.
- CURRENT TRANSFORMER, RATIO AS INDICATED.
- (KWH) — KILOWATT HOUR DEMAND METER.
- DISCONNECT SWITCH.
- LOW VOLTAGE CIRCUIT BREAKER.
- FUSE, SIZE AND TYPE AS NOTED.
- GROUND FAULT PROTECTION SYSTEM INCLUDING SENSOR, RELAY, AND SHUNT TRIP.
- POWER TRANSFORMER.
- PILOT LIGHT.
- GROUND CONNECTION.
- SWITCH SIZE
- 60A / 3P — NO. OF POLES
- 30A — FUSE SIZE
- TRIP SETTING
- 100A / 225A / 3P — FRAME SIZE
- NO. OF POLES
- (4) — ELECTRICAL NOTE REFERENCE
- (1 / E-6) — INDICATES DETAIL "1" ON SHEET E-6

A, AMP	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
C.O.	CONDUIT ONLY
EA.	EACH
EG	EQUIPMENT GROUND
EX	EXISTING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FIB. OP.	FIBER OPTIC
GFI	GROUND-FAULT INTERRUPTER
LAN	LOCAL AREA NETWORK
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF
+48"	MOUNTING HEIGHT ABOVE FINISHED FLOOR
C5	CATEGORY "5" DATA CABLE. (REFER TO SPECIFICATIONS AND RISER DIAGRAMS)
TEL.	CATEGORY "5" TELEPHONE CABLE. (REFER TO SPECIFICATIONS AND RISER DIAGRAMS) SHALL BE DIFFERENT COLOR THAN DATA CABLE.
SP	SPEAKER CABLE. (REFER TO SPECIFICATIONS)

- FLEXIBLE CONDUIT "FISH" DOWN PARTITION WALL FROM ACCESSIBLE CEILING SPACE TO NEW OR EXISTING DEVICE AS INDICATED. DEVICE IS AS INDICATED ON THE PLANS. SEE (H / E-10.1)
- S — DASHED SYMBOL INDICATES EXISTING FIXTURE, OUTLET, DEVICE OR EQUIPMENT TO BE REMOVED.
- EX (M) OR EX (T) — INDICATES EXISTING OUTLET TO REMAIN. REMOVE EXISTING DEVICE AND PLATE AND INSTALL NEW DEVICE AND PLATE PER SPECIFICATIONS - DEVICE TYPE SHALL BE AS INDICATED. INSTALL EXTENSION RING/BOX AS MAY BE REQUIRED FOR NEW WALL SURFACE AND/OR FINISH.
- $ OR $ — CROSS MARK ON ANY SWITCH SYMBOL INDICATES EXISTING SWITCH OUTLET. INSTALL NEW SWITCH AND PLATE PER SPECIFICATIONS - DEVICE TYPE SHALL BE AS INDICATED. INSTALL EXTENSION RING/BOX AS MAY BE REQUIRED FOR NEW WALL SURFACE AND/OR FINISH.
- —EX— EXISTING CONDUIT TO BE REUSED. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS. AS INDICATED
- —R— EXISTING CONDUIT TO BE REMOVED IF IN AN ACCESSIBLE AREA OR TO BE ABANDONED IF IN AN INACCESSIBLE AREA.
- NEW LIGHTING FIXTURE INSTALLED ON EXISTING OUTLET.
- EXISTING FLUORESCENT LIGHTING FIXTURE TO REMAIN.
- EXISTING MOTOR OUTLET.
- EXISTING SURFACE, FLUSH OR RECESSED FIXTURE TO REMAIN.
- NEW SURFACE, FLUSH OR RECESSED FIXTURE TO REMAIN.
- R — EXISTING LIGHT FIXTURE TO BE REMOVED AND RELOCATED.
- R — NEW LOCATION OF RELOCATED LIGHT FIXTURE.
- (A) — FIXTURE TYPE AND WATTAGE PER FIXTURE LIST. TYPICAL FOR ROOM INDICATED UNLESS OTHERWISE NOTED.
- 11 — INDICATES CONTROLLING SWITCH LEG.
- DENOTES BRANCH CIRCUIT NUMBER SUPPLYING FIXTURE.
- RECESSED MOUNTED FLUORESCENT LIGHTING FIXTURE.
- E — RECESSED MOUNTED FLUORESCENT LIGHTING FIXTURE. CONNECTED FOR EMERGENCY AMD NIGHT LIGHT OPERATION.
- ROUND RECESSED MOUNTED INCANDESCENT, FLUORESCENT OR HID LIGHTING FIXTURE.
- SQUARE RECESSED MOUNTED INCANDESCENT, FLUORESCENT OR HID LIGHTING FIXTURE.
- CEILING MOUNTED EXIT SIGN. PLUS LOW LEVEL EXIT SIGN. PROVIDE DIRECTIONAL ARROW(S) AS INDICATED. REFER TO FIXTURE LIST FOR ADDITIONAL INFORMATION.
- WALL MOUNTED EXIT SIGN. PLUS LOW LEVEL EXIT SIGN. PROVIDE DIRECTIONAL ARROW(S) AS INDICATED. MOUNT AT +96" OR AS INDICATED. REFER TO FIXTURE LIST FOR ADDITIONAL INFORMATION.
- SURFACE OR PENDANT MOUNTED FLUORESCENT STRIP LIGHTING FIXTURE, AS NOTED ON FIXTURE SCHEDULE.
- INCANDESCENT, FLUORESCENT OR HID SPOT OR FLOOD LIGHTING FIXTURE.
- SINGLE HEAD, POLE MOUNTED PARKING LOT OR AREA LIGHTING FIXTURE. SEE DETAIL.
- $S — SINGLE POLE, SINGLE THROW TOGGLE SWITCH, MOUNTED AT +48", U.O.N. SUBSCRIPT INDICATES CONTROLLING SWITCH LEG.
- $3 — THREE WAY TOGGLE SWITCH, MOUNTED AT +48" U.O.N.
- $WP — WALL SWITCH, SINGLE POLE, WEATHERPROOF, MOUNTED AT +48" U.O.N.
- $M — MOMENTARY CONTACT SWITCH, MOUNTED AT +48", U.O.N.
- $T — MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD PROTECTION.
- $K — KEYED SWITCH, MOUNTED AT +48", U.O.N.
- DUPLEX RECEPTACLE, MOUNTED AT +15" U.O.N.
- DUPLEX RECEPTACLE, GFI PROTECTION AT +15" U.O.N.
- DOUBLE DUPLEX RECEPTACLE, MOUNTED AT +15" U.O.N.
- FLUSH MOUNTED PANELBOARD.
- SURFACE MOUNTED PANELBOARD.
- SURFACE MOUNTED CABINET, AS NOTED.
- FLUSH MOUNTED CABINET, AS NOTED.
- N — NON-FUSED DISCONNECT SWITCH. SIZE AS NOTED. (NFDS)
- F — FUSED DISCONNECT SWITCH. SIZE AS NOTED. (FDS)
- PUSHBUTTON STATION.
- J — CODE SIZE JUNCTION BOX. 5/S OR LARGER IF REQUIRED FOR NUMBER/SIZE OF CONDUCTORS.
- D — DAMPER MOTOR CONNECTION (WITH TOGGLE DISCONNECT SWITCH, AS SHOWN)
- M — MOTOR CONNECTION.
- OS — OCCUPANCY SENSOR FOR LIGHTING CONTROL. CEILING MOUNTED IN A FLUSH OUTLET BOX. UNENCO CAT.# CUI-500-2000-SC
- CABLE TRAY INSTALLED ABOVE SUSPENDED CEILING. REFER TO SPECIFICATIONS. FURNISH AND INSTALL ALL PARTS, COMPONENTS, FITTINGS, ETC. NECESSARY FOR A COMPLETE INSTALLATION. SEE (E / E-10.1) (A / E-10.2)
- —F— 3/4" CONDUIT WITH 1-FIRE ALARM CABLE.
- —1F— 3/4" CONDUIT WITH 1-FIRE ALARM CABLE + 4#12.
- —2F— 3/4" CONDUIT WITH 1-FIRE ALARM CABLE + 6#12.
- —3F— 3/4" CONDUIT WITH 1-FIRE ALARM CABLE + 8#12.
- —4F— 3/4" CONDUIT WITH 1-FIRE ALARM CABLE + 10#12.
- —5F— 3/4" CONDUIT WITH 1-FIRE ALARM CABLE + 12#12.
- —6F— 1" CONDUIT WITH 1-FIRE ALARM CABLE + 14#12.
- —7F— 1" CONDUIT WITH 1-FIRE ALARM CABLE + 16#12.
- —8F— 1" CONDUIT WITH 1-FIRE ALARM CABLE + 18#12.
- * (F) — FIRE ALARM MANUAL PULL STATION, MOUNTED AT +48" U.O.N.
- * (F) — FIRE ALARM HORN, MOUNTED ON NEW OUTLET AT +80", U.O.N.
- * (FC) — FIRE ALARM VISUAL (STROBE) DEVICE. LETTER INDICATES TYPE (SEE SPECS. & SCHEDULE) LETTER "C" INDICATES INTENSITY OF STROBE. INTENSITY OF STROBE SHALL BE AS INDICATED ON THE FIRE ALARM EQUIPMENT SCHEDULE.
- MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY VERTICAL "DROP" FROM PULLBOXES ABOVE CEILING DOWN WALL TO HORIZONTAL WALL MOUNTED RACEWAY SEE (C / E-10.1) (D / E-10.1) (J / E-10.1)
- (M) — DUPLEX RECEPTACLE INSTALLED IN MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY. INSTALL WIREMOLD #5507 DEVICE BRACKET WITH PLATES, COVERS, ETC. RECEPTACAL SHALL SHARE DEVICE BRACKET WITH DATA AND/OR VOICE OUTLET(S). POWER SHALL OCCUPY ONE CHANNEL OF RACEWAY. VOICE AND DATA SHALL OCCUPY ONE CHANNEL OF RACEWAY. ONE CHANNEL OF RACEWAY SHALL BE SPARE FOR FUTURE USE. INSTALL BLANK PLATES IN DEVICE BRACKET WHERE NO DEVICE IS INSTALLED.
- (M) — DOUBLE DUPLEX RECEPTACLE INSTALLED IN MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY. INSTALL WIREMOLD #5507A4 DEVICE BRACKET WITH PLATES, COVERS, ETC. RECEPTACLES SHALL SHARE DEVICE BRACKET WITH DATA AND/OR VOICE OUTLET(S). POWER SHALL OCCUPY ONE CHANNEL OF RACEWAY. VOICE AND DATA SHALL OCCUPY ONE CHANNEL OF RACEWAY. ONE CHANNEL OF RACEWAY SHALL BE SPARE FOR FUTURE USE. INSTALL BLANK PLATES IN DEVICE BRACKET WHERE NO DEVICE IS INSTALLED.
- DATA OUTLET INSTALLED IN MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY. DATA OUTLET SHALL BE MOUNTED IN A COMMON WIREMOLD DEVICE BRACKET WITH RECEPTACLES OR IN A SEPARATE WIREMOLD #5507 DEVICE BRACKET IF NO RECEPTACLE IS INDICATED AT THIS LOCATION. INSTALL BLANK PLATES IN DEVICE BRACKET WHERE NO DEVICE IS INSTALLED. INSTALL WIREMOLD "INTERLINK" SERIES DATA JACK(S) TO MEET THE SPECIFICATIONS AT EACH LOCATION.
- COMBINATION VOICE AND DATA OUTLET INSTALLED IN MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY. OUTLET SHALL BE MOUNTED IN A COMMON WIREMOLD DEVICE BRACKET WITH RECEPTACLES OR IN A SEPARATE WIREMOLD #5507 DEVICE BRACKET IF NO RECEPTACLE IS INDICATED AT THIS LOCATION. INSTALL BLANK PLATES IN DEVICE BRACKET WHERE NO DEVICE IS INSTALLED. INSTALL WIREMOLD "INTERLINK" SERIES VOICE AND DATA JACK(S) TO MEET THE SPECIFICATIONS AT EACH LOCATION. INSTALL TELEPHONE DEVICE AT THIS LOCATION AS NOTED (A,B,C,ETC.) ON THE FLOOR PLANS.
- VOICE OUTLET INSTALLED IN MULTI-CHANNEL NONMETALLIC SURFACE RACEWAY. VOICE OUTLET SHALL BE MOUNTED IN WIREMOLD DEVICE BRACKET WITH RECEPTACLES OR IN SEPARATE WIREMOLD #5507 DEVICE BRACKET IF NO RECEPTACLE IS INDICATED AT THIS LOCATION. INSTALL BLANK PLATES IN DEVICE BRACKET WHERE NO DEVICE IS INSTALLED. INSTALL VOICE JACK DEVICE(S) TO MEET THE SPECIFICATIONS. INSTALL TELEPHONE DEVICE AT THIS LOCATION AS NOTED (A,B,C,ETC.) ON THE FLOOR PLANS.
- COMBINATION VOICE AND DATA OUTLET INSTALLED IN A FLUSH OUTLET BOX. INSTALL WIREMOLD "INTERLINK" SERIES AND DATA JACK(S) TO MEET THE SPECIFICATIONS AT EACH LOCATION. INSTALL TELEPHONE DEVICE AT THIS LOCATION AS NOTED (T1, T2, ETC.) ON THE FLOOR PLANS.
- DATA OUTLET INSTALLED IN A FLUSH OUTLET BOX. INSTALL WIREMOLD "INTERLINK" SERIES DATA JACK(S) TO MEET THE SPECIFICATIONS AT EACH LOCATION.
- VOICE OUTLET INSTALLED IN A FLUSH OUTLET BOX. INSTALL VOICE JACK(S) TO MEET THE SPECIFICATIONS AT EACH LOCATION. INSTALL TELEPHONE DEVICE AT THIS LOCATION AS NOTED (A,B,C,ETC.) ON THE FLOOR PLANS.
- (AC / 2) — MECHANICAL EQUIPMENT REFERENCE.
- (T) — THERMOSTAT OUTLET.
- PULL BOX WITH SCREW COVER, SIZE AS REQUIRED.
- CONDUIT CONCEALED IN WALL OR CEILING SPACE.
- CONDUIT CONCEALED UNDER FLOOR SLAB OR UNDERGROUND OR IN CEILING SPACE OF FLOOR BELOW.
- CONDUIT INSTALLED EXPOSED.
- CONDUIT STUBBED UP AND CAPPED IN CEILING SPACE.
- FLEXIBLE METAL CONDUIT. INSTALL REQUIRED BRANCH CIRCUIT CONDUCTORS AND EQUIPMENT GROUND CONDUCTOR.
- A-1,3 — HOMERUN TO INDICATED PANELBOARD ("A"). NUMBERS (1,3) INDICATE BRANCH CIRCUIT NUMBERS.
- 3/4"-3#8+1#10 EG — INDICATES 3/4" CONDUIT WITH 3 NUMBER 8 CONDUCTORS + 1 NUMBER 10 EQUIPMENT GROUND.
- 3/4" CONDUIT WITH 2#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- 3/4" CONDUIT WITH 3#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- 3/4" CONDUIT WITH 4#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- 3/4" CONDUIT WITH 5#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- 3/4" CONDUIT WITH 6#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- 3/4" CONDUIT WITH 7#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- 1" CONDUIT WITH 8#12 CONDUCTORS PLUS 1#12 E.G. CONDUCTOR
- #10 — THE NUMBER "10" OR "8" ADJACENT TO THE HASH MARK IN ANY CONDUIT RUN INDICATES #10 (OR #8) CONDUCTORS IN LIEU OF #12 CONDUCTORS. INCREASE CONDUIT SIZE TO ACCOMODATE QUANTITY OF #10 (OR #8) CONDUCTORS INDICATED. EQUIPMENT GROUND CONDUCTOR SIZE SHALL ALSO INCREASE TO #10 (FOR #10 OR #8 CIRCUIT CONDUCTORS)
- —T— TEMPORARY WIRING FOR TEMPORARY POWER-REFER TO SINGLE LINE DIAGRAM
- W — WIREMOLD DROP.
- IDF — INTERMEDIATE DISTRIBUTION FRAME - SEE SPECIFICATIONS. (F / E-10.1)
- MDF — MAIN DISTRIBUTION FRAME - SEE SPECIFICATIONS. (G / E-10.1)
- (A) — DOOR ALARM SWITCH, AS NOTED - REFER TO SPECIFICATION AND RISER DIAGRAM.
- (S) — SPEAKER OUTLET - TYPE A, B, C, D, OR E AS INDICATED ON THE SPEAKER SCHEDULE.
- (F) — FIRE ALARM BELL.
- 3/4" X 10'-0" COPPER CLAD GROUND ROD IN TEST WELL.
- (TV) — TELEVISION OUTLET 1-1GF-FT, FOR CATV SYSTEM.
- NEW FLUSH WALL MOUNTED JUNCTION BOX "CUT-IN" TYPE FOR FUTURE SECURITY SYSTEM DEVICE. +72". PROVIDE BLANK PLATE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 10045 51
FLS PL SS Tmd/A
DATE APR 07 1998

BID SET

OSBORN ARCHITECTS

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

SYMBOL LIST, ELECTRICAL NOTES

AS BUILT DRAWINGS

SHEET NO: E-1.1

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK
OF

GENERAL FIRE ALARM NOTES

1. THE FIRE ALARM SYSTEM SHALL CONFORM TO CBC SEC. 3503.1.3 CFC ARTICLE 14. ARTICLE 760 OF CALIFORNIA ELECTRICAL CODE. NFPA 72, THE APPLICABLE STANDARDS AND GUIDES REFERENCED IN CBC CHAPTER 60.
2. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.
3. UPON THE CERTIFICATION OF COMPLIANCE THE MANUFACTURER AND OR INSTALLER SHALL SUPPLY THE OWNER WITH A WRITTEN OPERATING TESTING AND MAINTENANCE INSTRUCTIONS POINT TO POINT AS BUILT DRAWINGS EQUIPMENT SPECIFICATIONS.
4. BUILDINGS ARE TYPE 5 NON-RATED WITH NON-COMBUSTIBLE CEILING SPACE. BUILDING "D" IS NON-COMBUSTIBLE WITH CONCRETE SLAB CEILINGS.
5. THE CONTRACTOR SHALL LABEL ALL DEVICES WITH "LOOP" NUMBER AND "DEVICE" NUMBER. DEVICE NUMBERS SHALL BE INDICATED ON THE AS-BUILT DRAWINGS.
6. SYSTEM IS A FULLY AUTOMATIC SYSTEM WITH SUPPLIMENTAL PULLSTATIONS IN BUILDINGS "A" AND "D".
7. CEILING SPACE IS NON-COMBUSTIBLE.

FIRE ALARM APPLICABLE CODES

APPLICABLE CODES AS OF FEBRUARY 19, 1996:

1995 BUIDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.

1995 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.:
(1994 UNIFORM BUILDING CODE VOLUMNS 1-3 AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.;
(1993 NATIONAL ELECTRICAL CODE AND 1996 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.;
(1994 UNIFORM MECHANICAL CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.;
(1994 UNIFORM PLUMBING CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.:
(1994 UNIFORM FIRE CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.

1990 TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

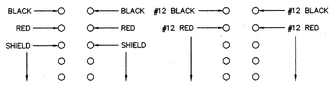
PARTIAL LIST OF APPLICABLE NFPA STANDARDS:

NFPA 13-AUTOMATIC SPRINKLER SYSTEMS,	1994 EDITION
NFPA 14-STANDPIPES SYSTEMS,	1993 EDITION
NFPA 17A-WET CHEMICAL SYSTEMS,	1990 EDITION
NFPA 24-PRIVATE FIRE MAINS,	1992 EDITION
(CALIFORNIA AMENDED) NFPA 72-NATIONAL FIRE ALARM CODES	1993 EDITION
NFPA 253- CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS	1989 EDITION
NFPA 2001-CLEAN AGENT FIRE EXTINGUISHING SYSTEMS,	1994 EDITION

REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC(SFM) 3503.1.3

FIRE ALARM TERMINAL CABINET WIRING DIAGRAM

ALL FIELD WIRING SHALL BE LANDED ON SCREW TERMINAL STRIPS AT THE FIRE ALARM TERMINAL CABINET. WIRING FROM "FACP" TO LAND ON CORRESPONDING POINTS ON THE TERMINAL STRIPS. ALL CABLES SHALL BE LABELED WITH "EZ CODE" TAPE AND THE TERMINAL STRIPS SHALL ALSO BE LABELED.



FIRE ALARM WIRE SCHEDULE

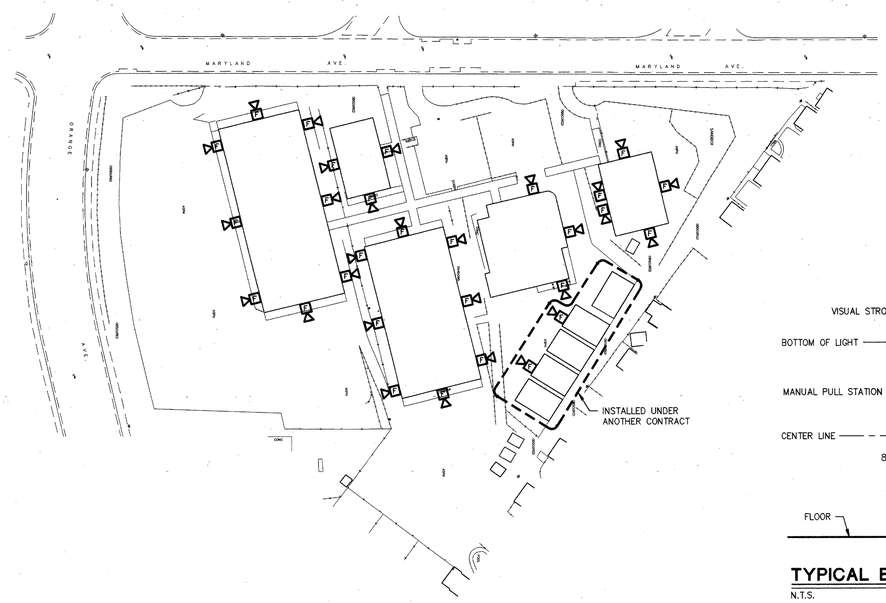
DESIGNATION	WIRE/CABLE (DRY LOCATION)	WIRE/CABLE (WET LOCATION)	CABLE TYPE
FA.CA.	2#18 TWISTED SHIELDED WEST PENN #1975	2#18 TWISTED SHIELDED WEST PENN #TC2975	FIRE ALARM DEVICES
#12	#12 THHW	#12 THHW	VISUAL/STROBE HORNS

SEQUENCE OF OPERATION

ACTUATION OF ANY MANUAL STATION, SMOKE DETECTOR, HEAT DETECTOR OR WATER FLOW SWITCH SHALL CAUSE THE FOLLOWING TO OCCUR:

1. ACTIVATE ALL AUDIBLE CIRCUITS THROUGHOUT THE SITE IN CALIFORNIA CODE PATTERN UNTIL THE CONTROL PANEL IS SILENCED AND THEN RESET.
2. ACTIVATE ALL VISUAL CIRCUITS THROUGHOUT THE SITE UNTIL THE CONTROL PANEL IS RESET.
3. ANNUNCIATE THE INDIVIDUAL ACTIVATED INITIATING DEVICE AT THE LCD DISPLAY ON THE CONTROL PANEL AND THE REMOTE LCD ANNUNCIATOR.
4. VISUALLY ANNUNCIATE ON THE GRAPHIC ANNUNCIATOR.
5. AUTOMATICALLY SHUT DOWN ALL MAJOR HVAC SYSTEMS AS SHOWN ON THE PLANS.

* SEE MATRIX IN SUBMITTAL BOOKLET.

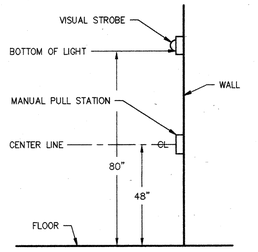


SITE PLAN - AUDIBLE COVERAGE
SCALE: 1" = 40'-0"
NORTH

ACTION \ DEVICE	MANUAL PULL STATION	AREA SMOKE DETECTOR	AREA HEAT DETECTOR	BEAM SMOKE DETECTOR	120VAC POWER FAILURE
SOUND CONTROL PANEL TROUBLE BUZZER	ON WIRING FAULT	ON WIRING FAULT	ON WIRING FAULT	ON WIRING FAULT	YES
ACTIVATE RELAY FOR MONITORING (ALARM OR TROUBLE)	YES	YES	YES	YES	YES
ANNUNCIATE AT FIRE CONTROL PANEL (ALARM OR TROUBLE)	YES	YES	YES	YES	YES
ANNUNCIATE AT REMOTE FIRE ALARM ANNUNCIATOR (ALARM OR TROBLE)	YES	YES	YES	YES	YES
ACTIVATE AUDIBLE ALARM SIGNAL IN CALIFORNIA TEMPORAL CODE	YES	YES	YES	YES	NO
SHUT DOWN ALL AIR HANDLING (HVAC)	YES	YES	YES	YES	NO

FIRE ALARM EQUIPMENT SCHEDULE

FACP (MAIN)	FIRE ALARM CONTROL PANEL	NOTIFIER # AFP1010	7165-0028:141
FACP (SUB)	FIRE ALARM CONTROL PANEL	NOTIFIER # AFP-200	7165-0028:141
INA	INTELLIGENT NETWORK ANNUNCIATOR	NOTIFIER # INA	7165-0028:141
GRAPHIC ANNUNC.	MAIN GRAPHIC ANNUNICATOR ANNUNICATOR LAMP DRIVER MODULES	WSA # FAA SERIES NOTIFIER # LDM-32 LDN-E32	7120-885:100 7120-0028:156
PRINTER	FIRE ALARM SYSTEM PRINTER	NOTIFIER PRN-4	7165-0028:141
RT	REMOTE TRANSPONDER	NOTIFIER # BE-XP	7165-028:141
S	INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR	NOTIFIER # SDX-551	7272-0028:148
H	INTELLIGENT HEAT DETECTOR	NOTIFIER # FDX-551	7270-0028:150
S	INTELLIGENT IN-DUCT SMOKE DETECTOR	NOTIFIER # DHX-502	3240-0028:158
M	ADDRESSABLE MANUAL STATION	NOTIFIER # BGX-101L	7150-0028:003
H	ELECTRONIC HORN	NOTIFIER # MA-12/24	7135-1029:124
H^{A}	VISUAL DEVICE (STROBE) 15 CANDELA	NOTIFIER # SS2415ADA	7125-1209:154
H^{C}	VISUAL DEVICE (STROBE) 75 CANDELA TYPE "C"	NOTIFIER # SS2475ADA	7125-1209:154
H^{D}	VISUAL DEVICE (STROBE) 110 CANDELA	NOTIFIER # SS24110ADA	7125-1209:154
H^{C}	AUDIBLE/VISUAL COMBINATION DEVICE (75 CANDELA TYPE "C")	NOTIFIER # MASS2475ADA	7125-1209:154
H^{A}	AUDIBLE/VISUAL COMBINATION DEVICE (15 CANDELA TYPE "A")	NOTIFIER # MASS2415ADA	7125-1209:154
H^{D}	AUDIBLE/VISUAL COMBINATION DEVICE (110 CANDELA TYPE "D")	NOTIFIER # MASS24110ADA	7125-1209:154
C	CONTROL MODULE	NOTIFIER # CMX-2	7300-0028:166
M	MONITOR MODULE	NOTIFIER # MMX	7165-0028:141



TYPICAL ELEVATION B
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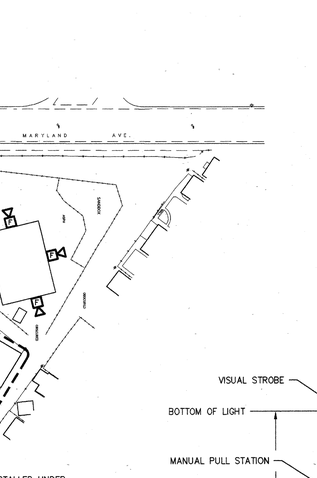

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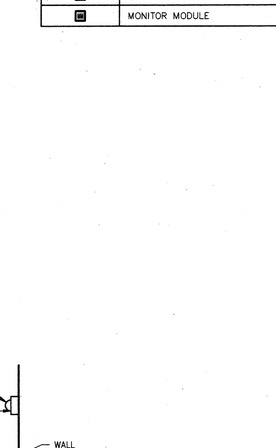
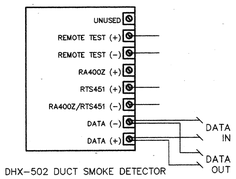
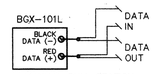


UL #WL1001

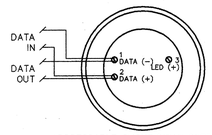
FIRE STOPPING DETAIL A
NO SCALE E-1.2



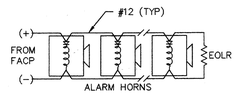
DHX-502 DUCT SMOKE DETECTOR

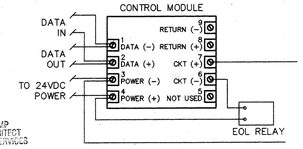


MANUAL PULL STATION



ADDRESSABLE SMOKE/HEAT DETECTOR





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WIRING DIAGRAMS
NO SCALE

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

FIRE ALARM DIAGRAMS, SCHEDULE AND CALCULATIONS

AS BUILT DRAWINGS

SHEET NO:
E-1.2

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK
OF

FIXTURE SPECIAL NOTES

(1) AT EACH LOCATION INDICATED ON THE PLANS, FURNISH AND INSTALL ONE(1) HIGH LEVEL (WALL OR CEILING MOUNT AS NOTED) EXIT SIGN PLUS ONE(1) WALL MOUNTED, LOW LEVEL, EXIT SIGN. EXACT LOCATION OF ALL LOW LEVEL EXIT SIGNS SHALL BE COORDINATED WITH THE ARCHITECT. LOW LEVEL EXIT SIGNS SHALL BE SELF-LUMINATING (NON-POWERED). BOTH HIGH LEVEL & LOW LEVEL EXIT SIGN SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, EVEN THOUGH NO ELECTRICAL CONNECTIONS ARE REQUIRED (OR INDICATED) FOR LOW LEVEL SIGNS.

(2) CONTRACTOR SHALL FURNISH AND INSTALL A CUSTOM FABRICATED BACK PLATE FOR MOUNTING THIS FIXTURE ON AN EXISTING FS/FD OUTLET BOX. PLATE SHALL BE 1/4" THICK ALUMINUM WITH GASKETS AS REQUIRED. DRILL AND TAP PLATE TO MOUNT OVER EXISTING OUTLET BOX. DRILL AND TAP PLATE AS REQUIRED TO ACCEPT NEW FIXTURE. PLATE SHALL BE 1/4" LARGER THAN DIMENSION OF FIXTURE (BACK) ON ALL SIDES. CORNERS AND EDGES SHAL BE SMOOTH AND CLEAN.

(3) COMBINATION EMERGENCY LIGHTING UNIT AND EXIT SIGN FIXTURE WITH INTEGRAL BATTERY BACK-UP - MINIMUM 90 MINUTES OF OPERATION. UNIT SHALL BE COMPLETE WITH 2-MR16 HALOGEN LAMPS MOUNTED IN ADJUSTABLE HEADS FOR EMERGENCY LIGHTING.

(4) IN MANY LOCATIONS, THE EXISTING OUTLETS (WHERE (J) FIXTURES ARE TO BE INSTALLED) ARE TOO CLOSE TO THE EXISTING COVERED WALK TO ALLOW INSTALLATION OF THE NEW FIXTURE DIRECTLY OVER THE EXISTING OUTLET BOX. AT THESE LOCATIONS, CONTRACTOR SHALL PROVIDE A CAST WP EXTENSION BOX OVER THE EXISTING OUTLET WITH A CLOSE NIPPLE INTO THE TOP OF THE SURFACE MOUNTING BOX. AT LOCATONS WHERE THE FIXTURE WILL MOUNT OVER THE EXISTING OUTLET, THE SURFACE MOUNTING BOX SHALL BE DELETED.

FIXTURE GENERAL NOTES

1. ALL FIXTURES SHALL BE FURNISHED WITH ALL NECESSARY MOUNTING HARDWARE, AND OPTIONS, ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION. CATALOG NUMBERS INDICATED MAY NOT DESCRIBE THESE NECESSARY PARTS.
2. CONTRACTOR SHALL VERIFY ALL CEILING TYPES PRIOR TO ORDERING FIXTURES. ALL FIXTURES SHALL BE THE PROPER TYPE AND CONFIGURATION FOR THE CEILING THAT THEY ARE MOUNTED IN/ON.
3. COORDINATE EXACT LOCATIONS OF ALL LIGHT FIXTURES. THE ELECTRICAL DRAWINGS INDICATE ALL CONNECTIONS, BUT EXACT LOCATIONS SHALL BE AS INDICATED ON THE ARCHITECTUAL REFLECTED CEILING PLANS.
4. AS A PART OF THE SCOPE OF WORK, THE CONTRACTOR SHALL ENSURE THAT ALL INSTALLED FIXTURES FULLY COMPLY WITH ALL APPLICABLE SEISMIC INSTALLATION GUIDELINES.
5. LIGHT FIXTURES INSTALLED IN MECHANICAL SPACES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. DO NOT INSTALL LIGHT OUTLETS OR FIXTURES UNTIL MECHANICAL ITEMS ARE INSTALLED; THEN, INSTALL LIGHTS IN A LOCATION WHICH AVOIDS THE MECHANICAL INSTALLATIONS AND PROVIDES THE BEST LIGHTING.

THIS FIXTURE SHALL PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY OPERATION (INTERNAL BATTERY/CHARGER) FOR EGRESS LIGHTING.

FIXTURE TYPE	MANUFACTURER AND CATALOG NUMBER	LAMPS/ INPUT WATTS/ VOLTAGE	MOUNTING	DESCRIPTION
(A)	PRUDENTIAL CAT. #P8623-48XCTE-PRA.187-RW-X1-120V (DISTRICT STANDARD - NO SUBSTITUTES)	3-T8-32W 84 WATTS 120V	RECESSED SEE (A) E-10.1	2'x4' FLUORESCENT FIXTURE WITH 1/2" DEEP REGRESSED ALUMINUM FRAME, SPRING LOADED LATCH, BAKED WHITE ENAMEL FINISH, 0.187" PRISMATIC ACRYLIC LENS AND ELECTRONIC BALLAST.
(B)	PRUDENTIAL CAT. #P8622-48CTE-PRA.187-RW-X1-120V (DISTRICT STANDARD - NO SUBSTITUTES)	2-T8-32W 57 WATTS 120V	RECESSED SEE (A) E-10.1	2'x4' FLUORESCENT FIXTURE WITH 1/2" DEEP REGRESSED ALUMINUM FRAME, SPRING LOAD LATCH, BAKED WHITE ENAMEL FINISH, 0.187" PRISMATIC ACRYLIC LENS AND ELECTRONIC BALLAST.
(C)	PRUDENTIAL CAT. #P-1602-48CTE-PRA-120V (DISTRICT STANDARD - NO SUBSTITUTES)	2-T8-32W 57 WATTS 120V	SURFACE	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE WITH WRAP AROUND ACRYLIC LENS, BAKED WHITE ENAMEL FINISH AND ELECTRONIC BALLAST.
(E) SEE NOTE (1)	DUAL-LITE CAT. #LTSGW-H (HIGH LEVEL) PLUS ACTIVE SAFETY CAT.#16,000/17,000-COLOR-POLY SHIELD (LOW LEVEL)	LED 5 WATTS (3) 120/277V	CEILING SURFACE	HIGH LEVEL = COMBINATION EXIT SIGN/EMERGENCY LIGHTING UNIT WITH BATTERY BACKUP. HOUSING SHALL BE WHITE POLY CARBONATE WITH GREEN LETTERS. LOW LEVEL = SELF LUMINOUS, SINGLE FACE EXIT SIGN WITH ALUMINUM STENCIL FACE, COLOR AS SELECTED BY ARCHITECT AND DEEP FRAME WITH FLAT POLYCARBONATE INSERT OVER STENCIL FACE.
(E1) SEE NOTE (1)	DUAL-LITE CAT. #LTSGW-H-X (HIGH LEVEL) PLUS ACTIVE SAFETY CAT.#16,000/17,000-COLOR-POLY SHIELD (LOW LEVEL)	LED 5 WATTS (3) 120/277V	SURFACE BACK	HIGH LEVEL = SAME AS TYPE (E) BUT FOR BACK MOUNTING IN LIEU OF CEILING MOUNTING. LOW LEVEL = SELF-LUMINOUS, SINGLE FACE EXIT SIGN WITH ALUMINUM STENCIL FACE, COLOR AS SELECTED BY ARCHITECT AND DEEP FRAME WITH FLAT POLYCARBONATE INSERT OVER STENCIL FACE.
(G)	PRUDENTIAL CAT. #P-8613-48XCTE-PRA.187-RW-120V (DISTRICT STANDARD - NO SUBSTITUTES)	3-T8-32W 84 WATTS 120V	RECESSED GYPBOARD	SAME AS TYPE (A) EXCEPT FIXTURE SHALL BE 1'x4' (NOMINAL) FOR RECESSED MOUNTING IN GYP-BOARD CEILING. PROVIDE MOUNTING HARDWARE AS REQUIRED.
(H)	HUBBELL CAT. #NRG-413H8-P-120V	1-100W METAL HALIDE 125 WATTS 120V	SURFACE CEILING	CEILING MOUNTED FIXTURE WITH CAST ALUMINUM HOUSING AND VANDAL RESISTANT POLYCARBONATE HOUSING
(J)	HUBBELL CAT. #NRG-305-PC WITH NRG-B3 SURFACE MOUNTED BOX (4)	1-50W METAL HALIDE 69 WATTS 120V	SURFACE BACK MOUNTED (4)	WALL MOUNTED FIXTURE WITH VANDAL RESISTANT ONE PIECE INJECTION MOLDED POLYCARBONATE HOUSING AND PRISMATIC POLYCARBONATE REFRACTOR. FIXTURE SHALL BE COMPLETE WITH INTEGRAL PHOTO-CONTROL AND CAST ALUMINUM SURFACE MOUNTING BOX FOR SURFACE CONDUIT IF NECESSARY. (4)
(K)	HUBBELL CAT. #NRG-305-PC FURNISH CUSTOM MOUNTING PLATE (2)	1-50W METAL HALIDE 69 WATTS 120V	SURFACE BACK MOUNTED ON J-BOX (SPECIAL PLATE) (3)	SAME AS TYPE (J) EXCEPT WITH CUSTOM FABRICATED MOUNTING PLATE IN LIEU OF SURFACE MOUNTING BOX.
(R)	PRUDENTIAL CAT. #P-1602-48CTE-PTS12-120V (DISTRICT STANDARD - NO SUBSTITUTIONS)	2-T8-32W 57 WATTS 120V	SURFACE	SAME AS TYPE (C) BUT WITH HIGH IMPACT ACRYLIC LENS IN LIEU OF STANDARD LENS.
(W)	PRUDENTIAL CAT. #P8612-48-CTE-PRA.187-RW-120V (DISTRICT STANDARD - NO SUBSTITUTIONS)	2-T8-32W 57 WATTS 120V	RECESSED GYP-BOARD	SAME AS TYPE (B) EXCEPT FIXTURE SHALL BE 1'x4' (NOMINAL) MOUNTED RECESSED IN GYP-BOARD CEILING. PROVIDE MOUNTING HARDWARE AS REQUIRED.
(CC)	STAFF CAT. #SSD7204-S2-7202R-C	2-26W COMPACT FLUOR. 47 WATTS 120V	RECESSED GYP-BOARD	7" OPEN RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR DOWNLIGHT REFLECTOR.

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FILE 100471
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DATE APR 0 8 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1
2
3
4
5

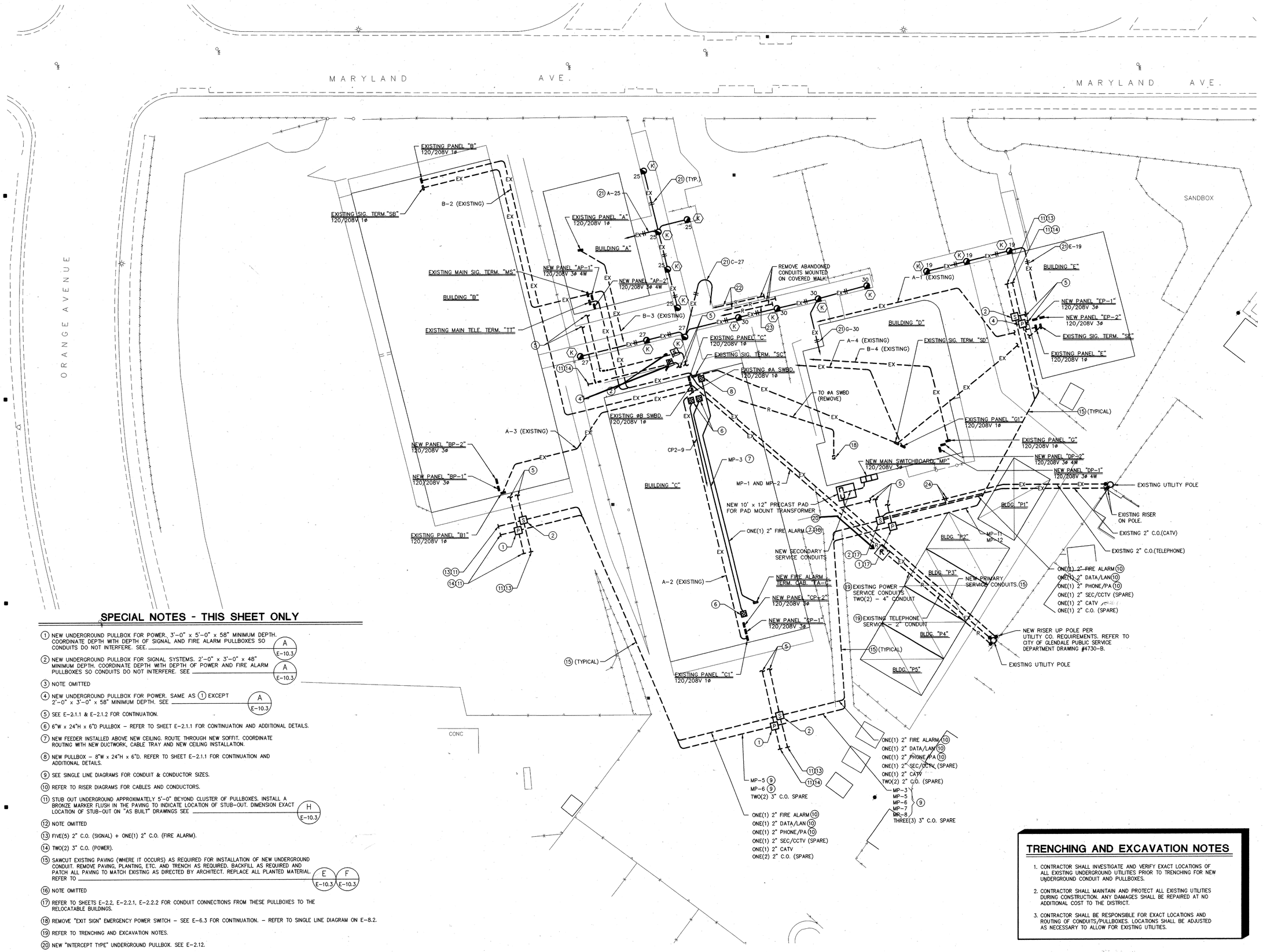
SHEET TITLE:

FIXTURE LIST

AS BUILT DRAWINGS

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

SHEET NO:
E-1.3
OF



SPECIAL NOTES - THIS SHEET ONLY

1. NEW UNDERGROUND PULLBOX FOR POWER, 3'–0" x 5'–0" x 58" MINIMUM DEPTH. COORDINATE DEPTH WITH DEPTH OF SIGNAL AND FIRE ALARM PULLBOXES SO CONDUITS DO NOT INTERFERE. SEE A/E-10.3
2. NEW UNDERGROUND PULLBOX FOR SIGNAL SYSTEMS. 2'–0" x 3'–0" x 48" MINIMUM DEPTH. COORDINATE DEPTH WITH DEPTH OF POWER AND FIRE ALARM PULLBOXES SO CONDUITS DO NOT INTERFERE. SEE A/E-10.3
3. NOTE OMITTED
4. NEW UNDERGROUND PULLBOX FOR POWER. SAME AS (1) EXCEPT 2'–0" x 3'–0" x 58" MINIMUM DEPTH. SEE A/E-10.3
5. SEE E-2.1.1 & E-2.1.2 FOR CONTINUATION.
6. 6"W x 24"H x 6"D PULLBOX – REFER TO SHEET E-2.1.1 FOR CONTINUATION AND ADDITIONAL DETAILS.
7. NEW FEEDER INSTALLED ABOVE NEW CEILING. ROUTE THROUGH NEW SOFFIT. COORDINATE ROUTING WITH NEW DUCTWORK, CABLE TRAY AND NEW CEILING INSTALLATION.
8. NEW PULLBOX – 8"W x 24"H x 6"D. REFER TO SHEET E-2.1.1 FOR CONTINUATION AND ADDITIONAL DETAILS.
9. SEE SINGLE LINE DIAGRAMS FOR CONDUIT & CONDUCTOR SIZES.
10. REFER TO RISER DIAGRAMS FOR CABLES AND CONDUCTORS.
11. STUB OUT UNDERGROUND APPROXIMATELY 5'–0" BEYOND CLUSTER OF PULLBOXES. INSTALL A BRONZE MARKER FLUSH IN THE PAVING TO INDICATE LOCATION OF STUB–OUT. DIMENSION EXACT LOCATION OF STUB–OUT ON "AS BUILT" DRAWINGS SEE H/E-10.3
12. NOTE OMITTED
13. FIVE(5) 2" C.O. (SIGNAL) + ONE(1) 2" C.O. (FIRE ALARM).
14. TWO(2) 3" C.O. (POWER).
15. SAWCUT EXISTING PAVING (WHERE IT OCCURS) AS REQUIRED FOR INSTALLATION OF NEW UNDERGROUND CONDUIT. REMOVE PAVING, PLANTING, ETC. AND TRENCH AS REQUIRED. BACKFILL AS REQUIRED AND PATCH ALL PAVING TO MATCH EXISTING AS DIRECTED BY ARCHITECT. REPLACE ALL PLANTED MATERIAL. REFER TO E/E-10.3 F/E-10.3
16. NOTE OMITTED
17. REFER TO SHEETS E-2.2, E-2.2.1, E-2.2.2 FOR CONDUIT CONNECTIONS FROM THESE PULLBOXES TO THE RELOCATABLE BUILDINGS.
18. REMOVE "EXIT SIGN" EMERGENCY POWER SWITCH – SEE E-6.3 FOR CONTINUATION. – REFER TO SINGLE LINE DIAGRAM ON E-8.2.
19. REFER TO TRENCHING AND EXCAVATION NOTES.
20. NEW "INTERCEPT TYPE" UNDERGROUND PULLBOX. SEE E-2.12.
21. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
22. REMOVE CONDUIT (AND RELATED BOXES) BACK TO SIGNAL TERMINAL "SC" IN BUILDING "C".
23. REMOVE CONDUIT (AND RELATED BOXES) BACK TO MAIN SWBD ØA IN BUILDING "C".
24. INTERCEPT EXISTING CONDUIT STUB–OUT (VERIFY LOCATION) AND EXTEND TO NEW U.G. PULLBOX AS INDICATED. NEW CONDUIT SHALL BE SAME SIZE AS EXISTING. INSTALL PULLROPE FROM PULLBOX TO POLE.

SITE PLAN - ELECTRICAL

SCALE: 1" = 20'–0"

NORTH

TRENCHING AND EXCAVATION NOTES

1. CONTRACTOR SHALL INVESTIGATE AND VERIFY EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING FOR NEW UNDERGROUND CONDUIT AND PULLBOXES.
2. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DISTRICT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR EXACT LOCATIONS AND ROUTING OF CONDUITS/PULLBOXES. LOCATIONS SHALL BE ADJUSTED AS NECESSARY TO ALLOW FOR EXISTING UTILITIES.

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APPL. 100451
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

SITE PLAN - ELECTRICAL

AS BUILT DRAWINGS

SHEET NO: E-2.1

SCALE: AS NOTED
DATE: 4/9/98
JOB NO. 9748.05
DRAWN BY: NS
CHECKED BY: JK
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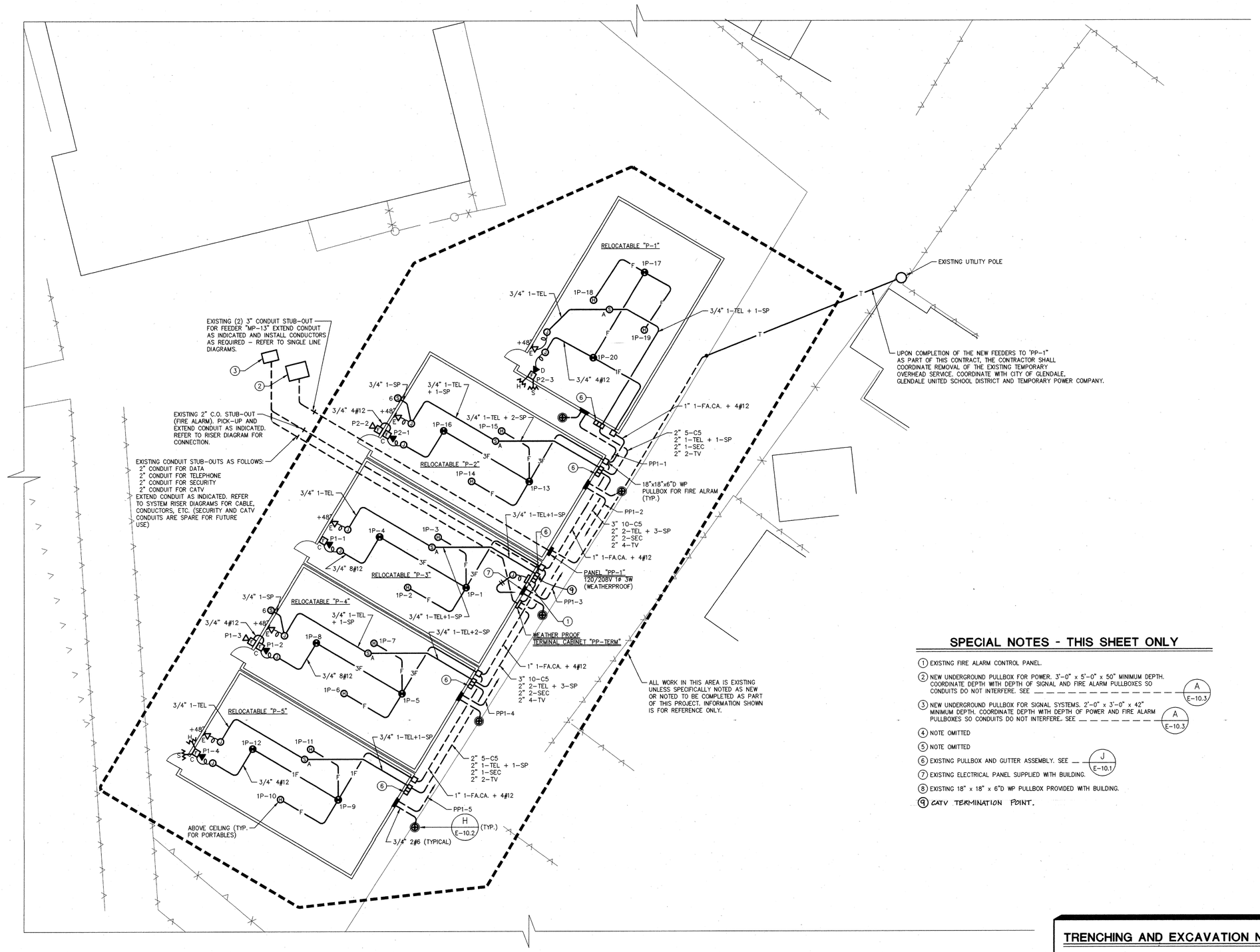

PARTIAL SITE PLAN - ELECTRICAL

SCALE: 1/8" = 1' - 0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. EXISTING FIRE ALARM CONTROL PANEL.
2. NEW UNDERGROUND PULLBOX FOR POWER. 3'-0" x 5'-0" x 50" MINIMUM DEPTH. COORDINATE DEPTH WITH DEPTH OF SIGNAL AND FIRE ALARM PULLBOXES SO CONDUITS DO NOT INTERFERE. SEE A / E-10.3
3. NEW UNDERGROUND PULLBOX FOR SIGNAL SYSTEMS. 2'-0" x 3'-0" x 42" MINIMUM DEPTH. COORDINATE DEPTH WITH DEPTH OF POWER AND FIRE ALARM PULLBOXES SO CONDUITS DO NOT INTERFERE. SEE A / E-10.3
4. NOTE OMITTED
5. NOTE OMITTED
6. EXISTING PULLBOX AND GUTTER ASSEMBLY. SEE J / E-10.1
7. EXISTING ELECTRICAL PANEL SUPPLIED WITH BUILDING.
8. EXISTING 18" x 18" x 6"D WP PULLBOX PROVIDED WITH BUILDING.
9. CATV TERMINATION POINT.

TRENCHING AND EXCAVATION NOTES

1. CONTRACTOR SHALL INVESTIGATE AND VERIFY EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING FOR NEW UNDERGROUND CONDUIT AND PULLBOXES.
2. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DISTRICT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR EXACT LOCATIONS AND ROUTING OF CONDUITS/PULLBOXES. LOCATIONS SHALL BE ADJUSTED AS NECESSARY TO ALLOW FOR EXISTING UTILITIES.

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DATE APR 08 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

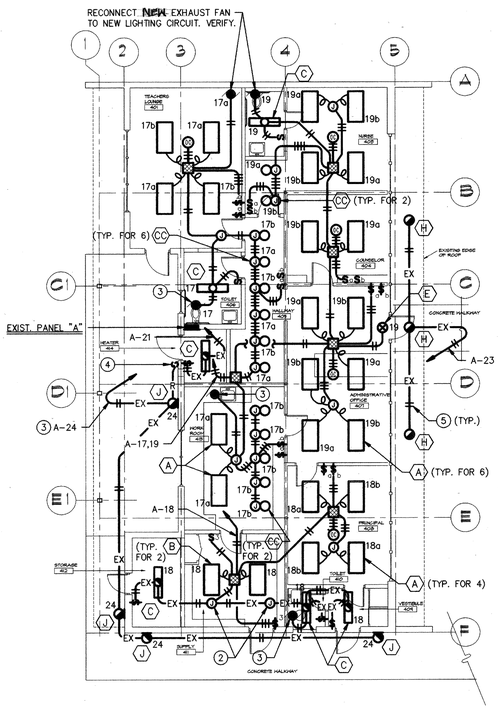
SHEET TITLE:

PARTIAL SITE PLAN - ELECTRICAL

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: KK

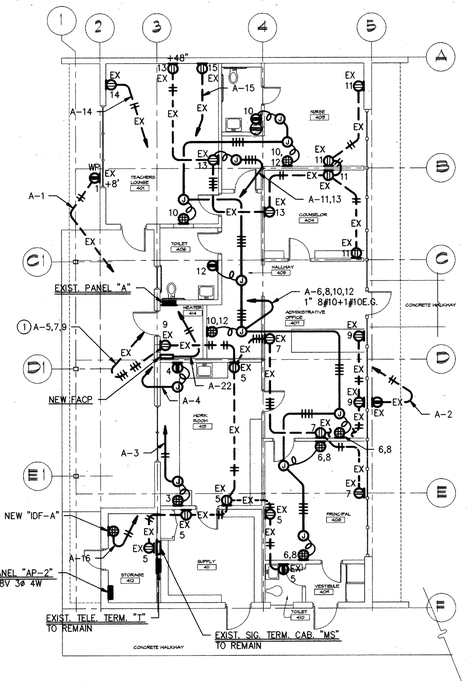
SHEET NO:
E-2.2
OF



BUILDING "A" - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "A" - POWER

SCALE: 1/8" = 1'-0"

NORTH

SPECAIL NOTES - THIS SHEET ONLY

1. PROVIDE SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT.
2. JUNCTION BOX IN EXISTING CEILING SLAB. PROVIDE EXTENSION BOX AS REQUIRED.
3. RECONNECT NEW EXHAUST FAN TO NEW LIGHTING CIRCUIT. VERIFY LOCATION.
4. REMOVE DEVICE AND INSTALL WP BLANK PLATE.
5. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
6. NEW RECEPTACLE BY DISTRICT

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APP. 100351
FLS JK SS
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4100 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "A" LIGHTING PLAN AND POWER PLAN

AS BUILT DRAWINGS

SHEET NO:

SCALE: AS NOTED

DATE: 4/9/98

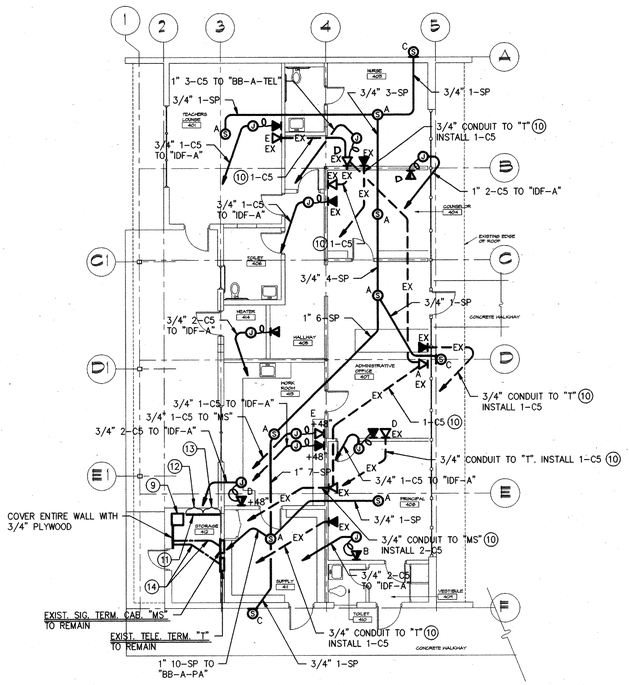
JOB NO: 9748.03

E-3.1

DRAWN BY: AM

CHECKED BY: JK

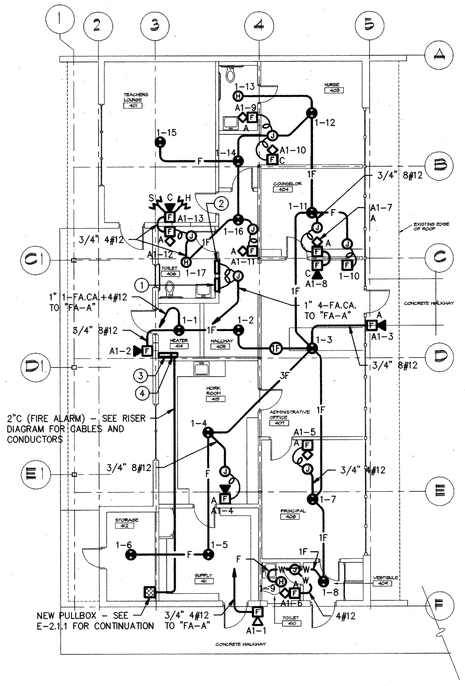
OF



BUILDING "A" - SIGNAL

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "A" - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. NEW FIRE ALARM GRAPHIC ANNUNCIATOR.
2. NEW FIRE ALARM "INA" ANNUNCIATOR.
3. NEW FIRE ALARM CONTROL PANEL.
4. NEW FIRE ALARM TERM. CAB. "FA-A". 12"W x 24"H x 8"D.
5. NOTE OMITTED
6. NOTE OMITTED
7. NOTE OMITTED
8. 3/4" 4#12.
9. NEW "IDF-A".
10. EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
11. REMOVE EXISTING SHELVING.
12. NEW "PA" SYSTEM BACKBOARD "BB-A-PA" 2"W:8'Hx3/4" PLYWOOD
13. NEW SPARE BACKBOARD SPACE 2"W:8'Hx3/4" PLYWOOD
14. 2" CONDUIT WITH CABLES AS REQUIRED TO CONNECT DATA AND PHONE CABLES BETWEEN "IDF-A", "T", AND "MS". REFER TO RISER DIAGRAMS.

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APP. 100451
APPLICATION NO.
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OSBORN
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT
MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4100 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

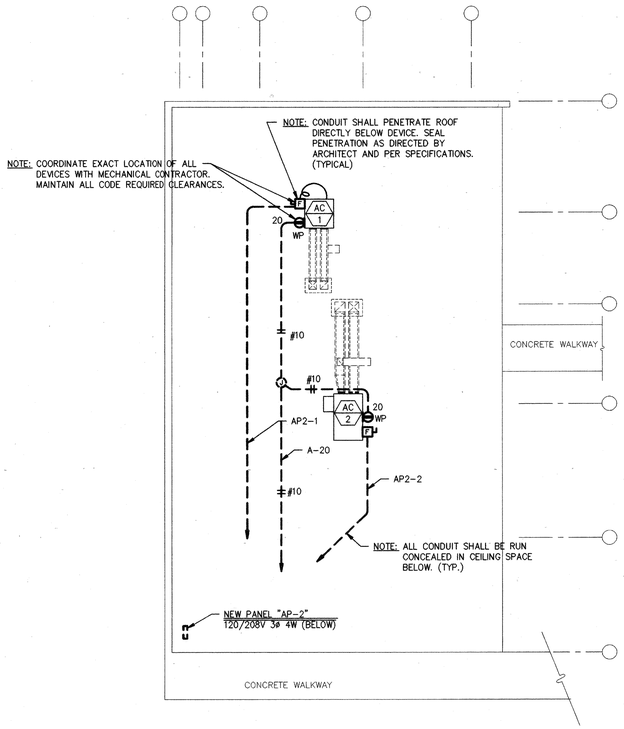
SHEET TITLE:

BUILDING "A" SIGNAL PLAN AND FIRE ALARM PLAN

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

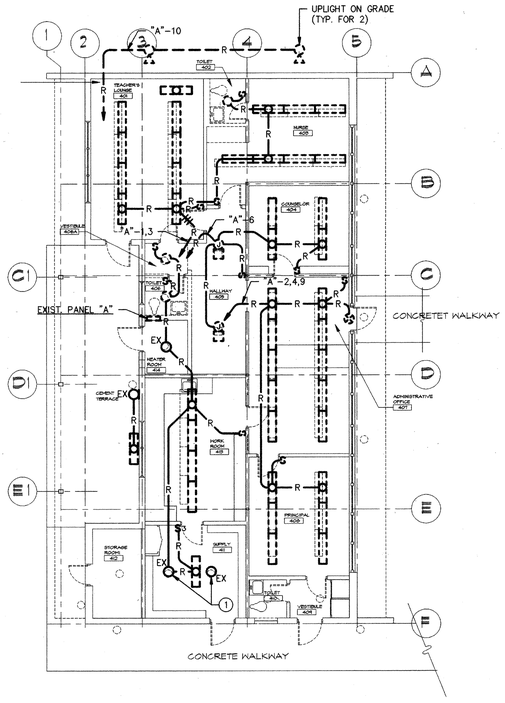
SHEET NO:
E-3.2
OF



BUILDING "A" ROOF PLAN - ELECTRICAL

SCALE = 1/8" - 1'-0"

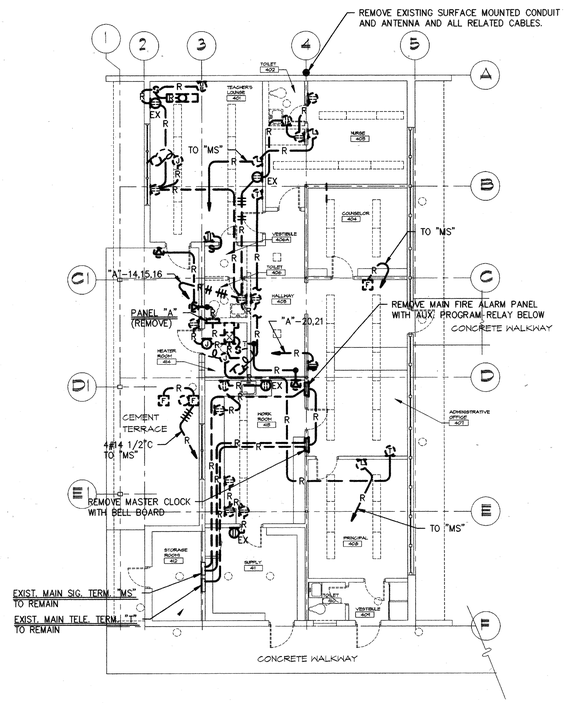
NORTH



BUILDING "A" - LIGHTING DEMOLITION

SCALE = 1/8" - 1'-0"

NORTH



BUILDING "A" - POWER AND SIGNAL DEMOLITION

SCALE = 1/8" - 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. REMOVE EXISTING FIXTURE AND RE-USE OUTLET AS A JUNCTION BOX.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
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AC
DATE APR 09 1998

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

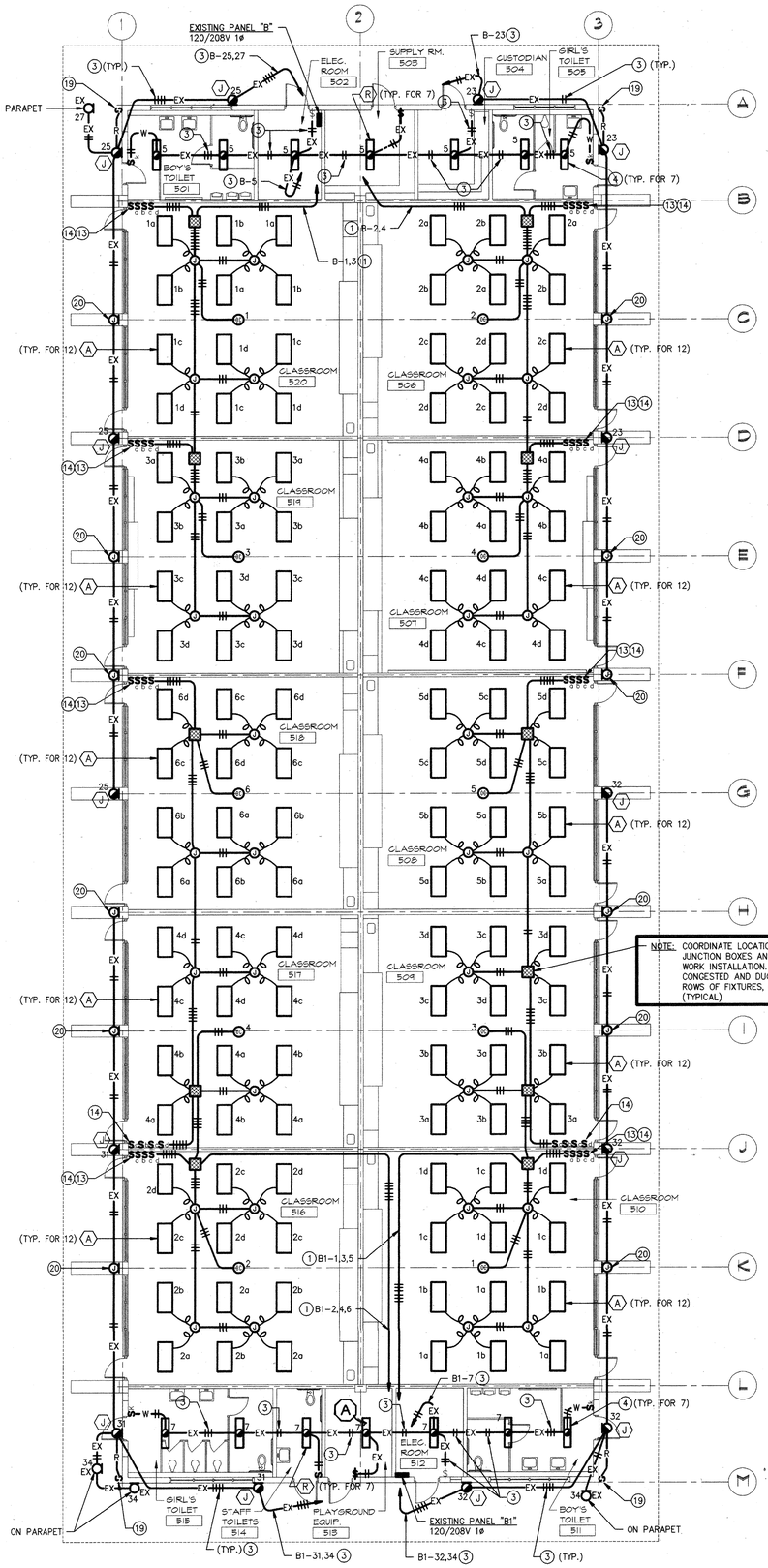
SHEET TITLE:

BUILDING "A" ROOF PLAN AND DEMOLITION PLAN

AS BUILT DRAWINGS

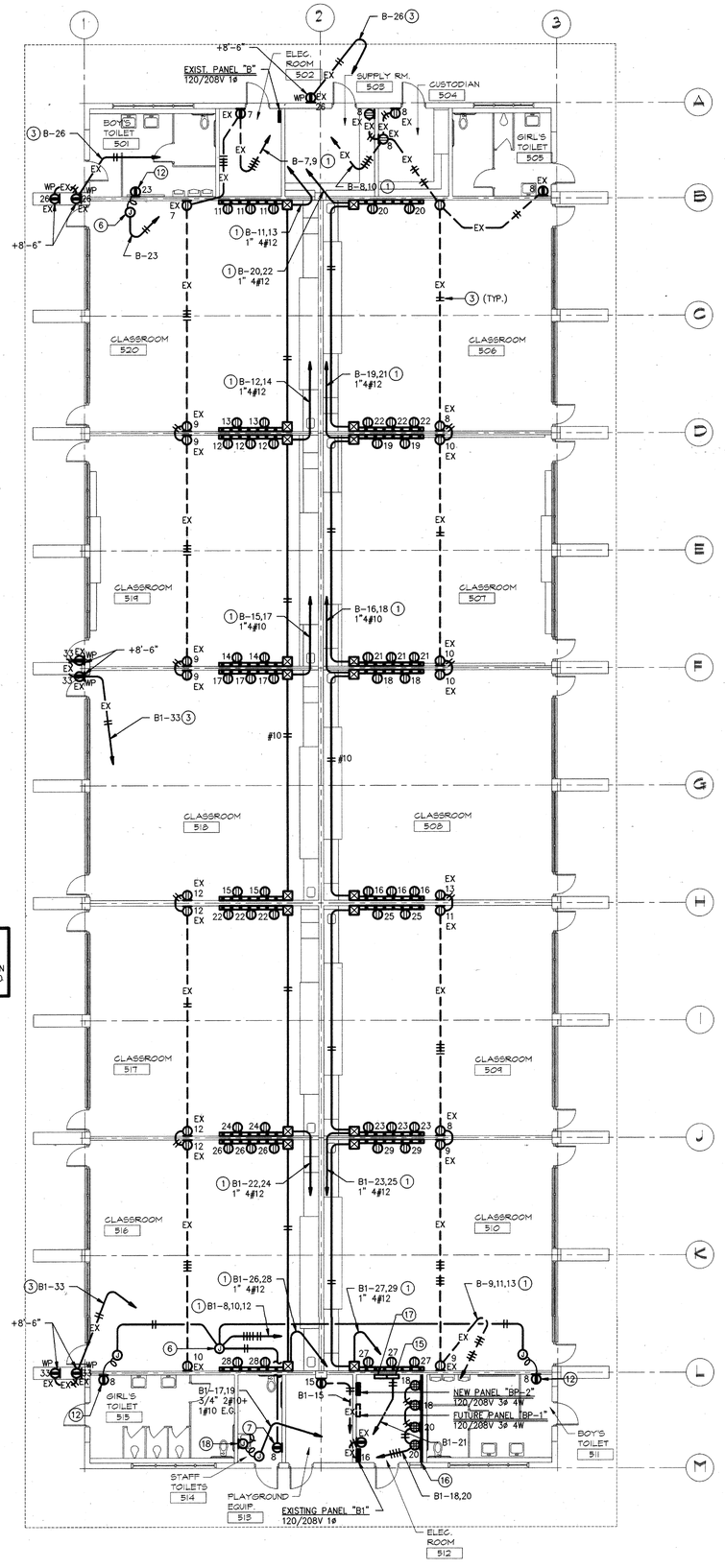
SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

SHEET NO: E-3.3
OF



BUILDING "B" - LIGHTING

SCALE: 1/8" = 1'-0"



BUILDING "B" - POWER

SCALE: 1/8" = 1'-0"

SPECIAL NOTES - THIS SHEET ONLY

1. SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT.
2. CEILING SPACE IS RESTRICTED AT CONCRETE BEAM AT CENTER OF CLASSROOM. ROUTE CONDUIT AS REQUIRED TO AVOID INTERFERENCE WITH CEILING INSTALLATION.
3. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
4. REMOVE EXISTING FIXTURE AND INSTALL NEW FIXTURE AS INDICATED.
5. INTERCEPT EXISTING CONDUIT (TO EXISTING SWITCH) AND INSTALL FLUSH J-BOX ABOVE NEW DOOR. ROUTE CONDUIT TO NEW SWITCH OUTLET.
6. NEW J-BOX ABOVE NEW CEILING. FISH CONDUIT DOWN TO EXISTING OUTLET IN WALL.
7. FLUSH IN NEW PORTION OF WALL.
8. INSTALL EXTENSION RING ON EXISTING OUTLET AND EXTEND CONDUIT AS INDICATED.
9. EXISTING OUTLET TO REMAIN AS A J-BOX. REMOVE EXISTING FIXTURE AND INSTALL BLANK PLATE.
10. EXISTING OUTLET TO REMAIN AS A J-BOX. REMOVE EXISTING FIXTURE AND INSTALL AN EXTENSION BOX WITH BLANK PLATE.
11. NOTE OMITTED
12. NEW OUTLET FLUSH IN EXISTING WALL. "FISH" CONDUIT INTO WALL AS REQUIRED.
13. REMOVE EXISTING 3-GANG FLUSH BOX AND RELATED CONDUIT. INSTALL NEW 4-GANG AS REQUIRED WITH CONDUIT "FISHED" INTO EXISTING WALL. PATCH AND REPAIR WALL AS REQUIRED.
14. SEE DETAIL H / E-10.1
15. NEW FIRE ALARM REMOTE TRANSPONDER "XP-B".
16. SIGNAL SYSTEMS BACKBOARD "BB-B" SEE SIGNAL PLAN E-4.2 FOR EXACT DESIGNATION
17. NEW FIRE ALARM TERMINAL CABINET "FA-B".
18. CONNECT TO NEW INSTANTANEOUS WATER HEATER(VERIFY LOCATION).
19. REMOVE EXISTING DEVICE AND INSTALL BLANK PLATE(WP.).
20. REMOVE EXISTING FIXTURE (IF ANY) AND INSTALL A WP BLANK PLATE.

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BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "B" LIGHTING PLAN AND POWER PLAN

AS BUILT DRAWINGS

SHEET NO: E-4.1

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.03
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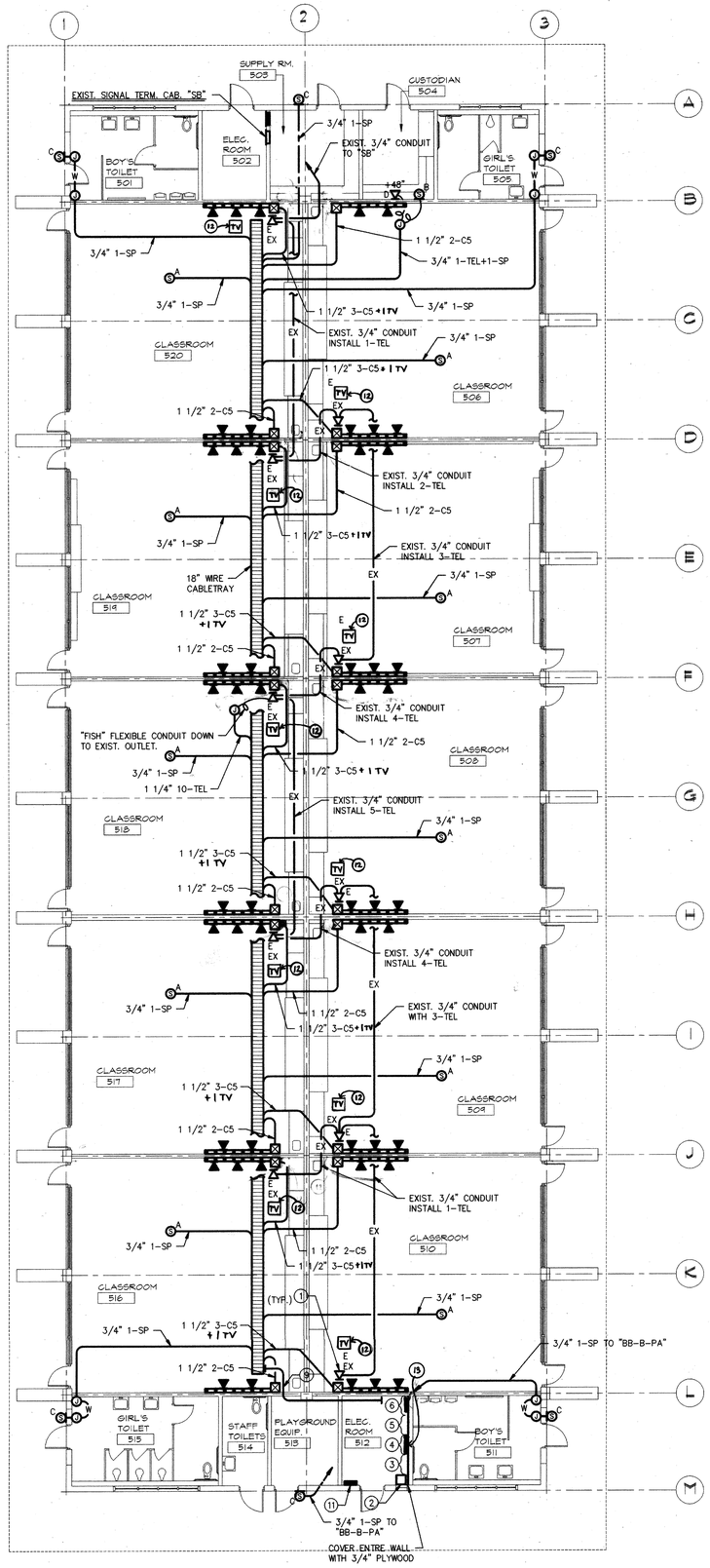
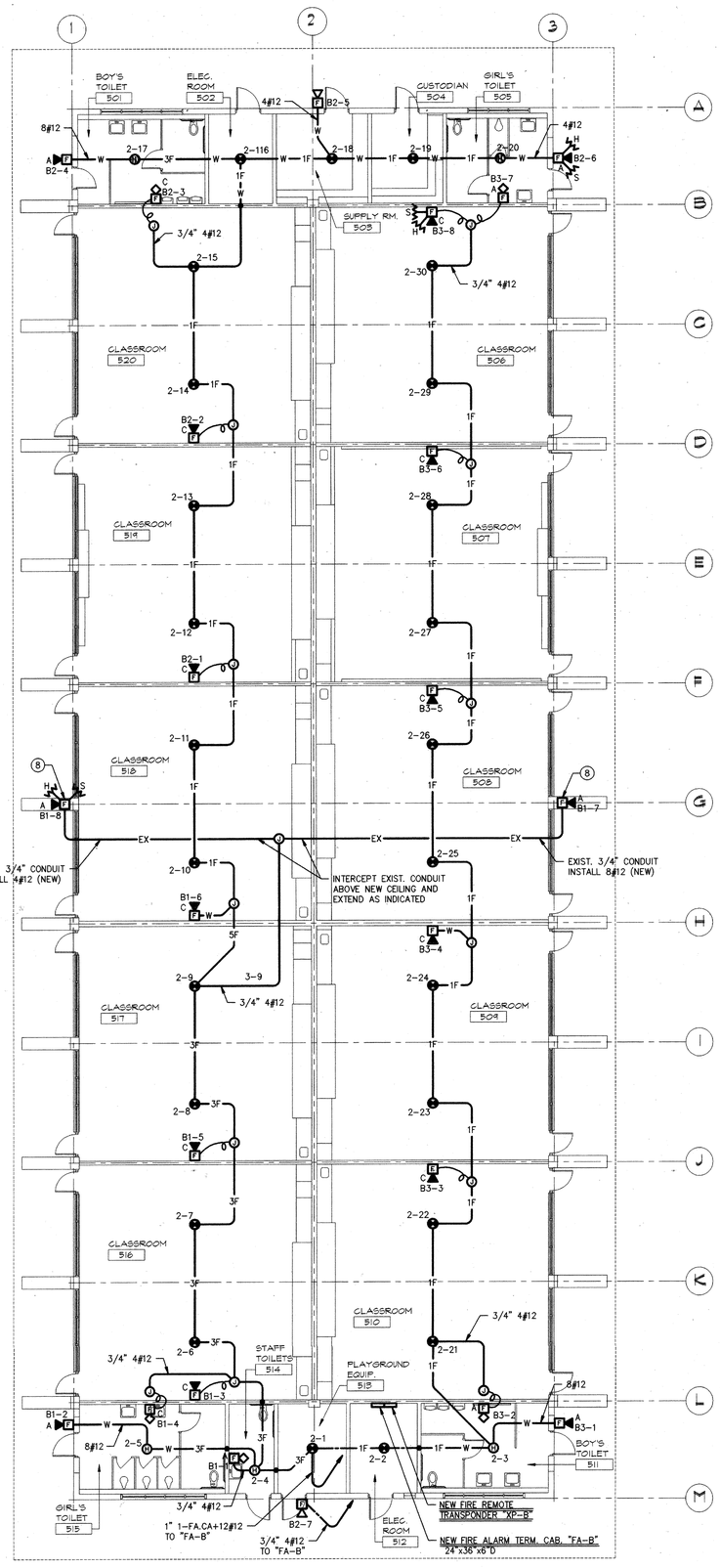
CHECKED BY: JK
OF



BUILDING "B" - SIGNAL

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "B" - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. EXISTING OUTLET AND CONDUIT ONLY – REMOVE EXISTING PLATE AND INSTALL NEW PHONE AND JACK (AS INDICATED).
2. NEW "IDF-B".
3. "PHONE" SECTION OF BACKBOARD "BB-B-TELE".
4. CATV SECTION OF BACKBOARD "BB-B-CATV"
5. "SECURITY/CCTV" SECTION OF BACKBOARD "BB-B-SEC".
6. "PA" SECTION OF BACKBOARD "BB-B-PA"
7. IN VERTICAL SECTION OF RACEWAY AT APPROXIMATELY +80". VERIFY MOUNTING HEIGHT WITH T.V. LOCATION.
8. PROVIDE EXTENSION BOX ON EXISTING OUTLET AND EXTEND SURFACE MOUNTED TO NEW LOCATION.
9. FOUR(4) 3" CONDUIT WITH CABLES AS REQUIRED FROM CABLE TRAY TO BACKBORAD "BB-B".
10. MOUNTED IN HORIZONTAL PORTION OF RACEWAY. VERIFY LOCATION.
11. EXISTING PANEL "B1" 120/208V 1ø
12. CATV IN VERTICAL SECTION OF MULTI-CHANNEL SURFACE RACEWAY (AT +80")
13. CATV RACK.

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "B" SIGNAL PLAN AND FIRE ALARM PLAN

AS BUILT DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
I721 100451
FLS
DATE APR 09 1999

SHEET NO:
E-4.2

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
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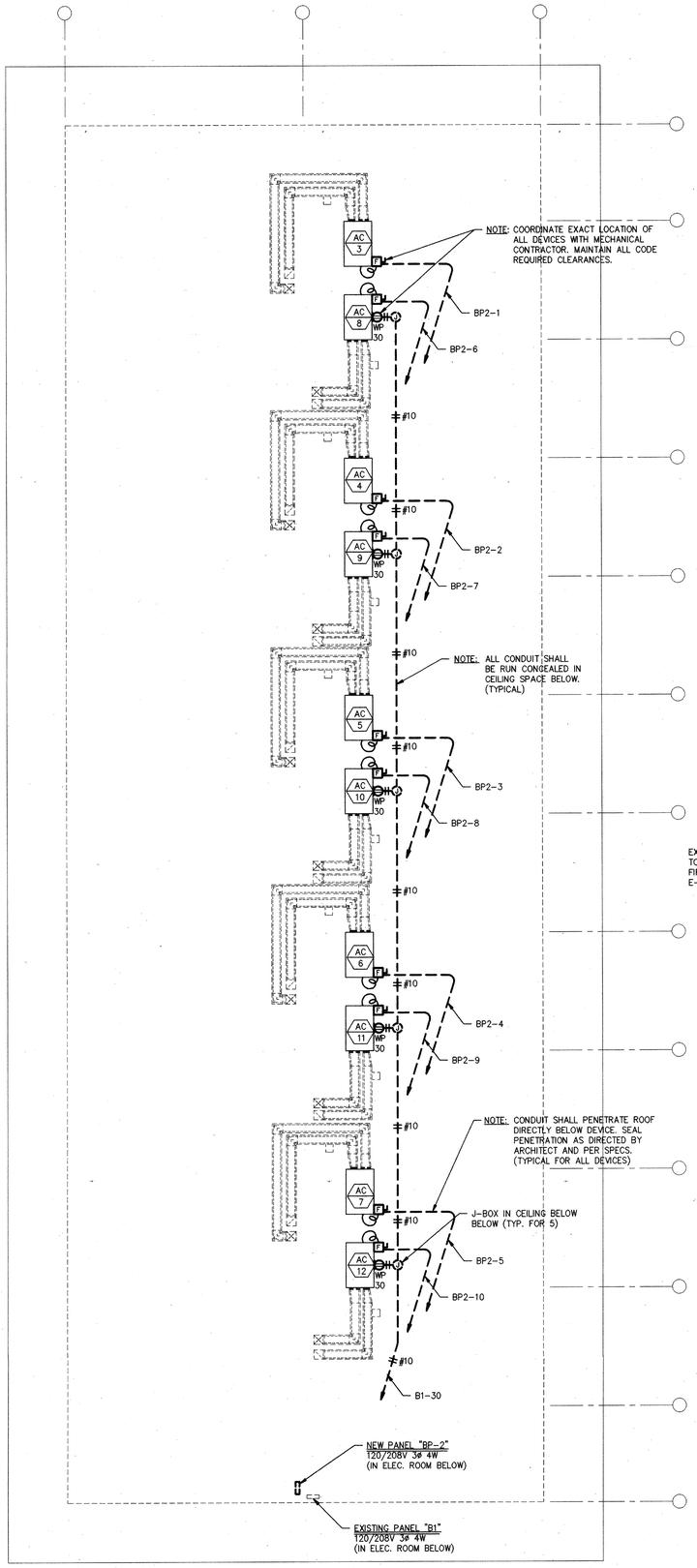
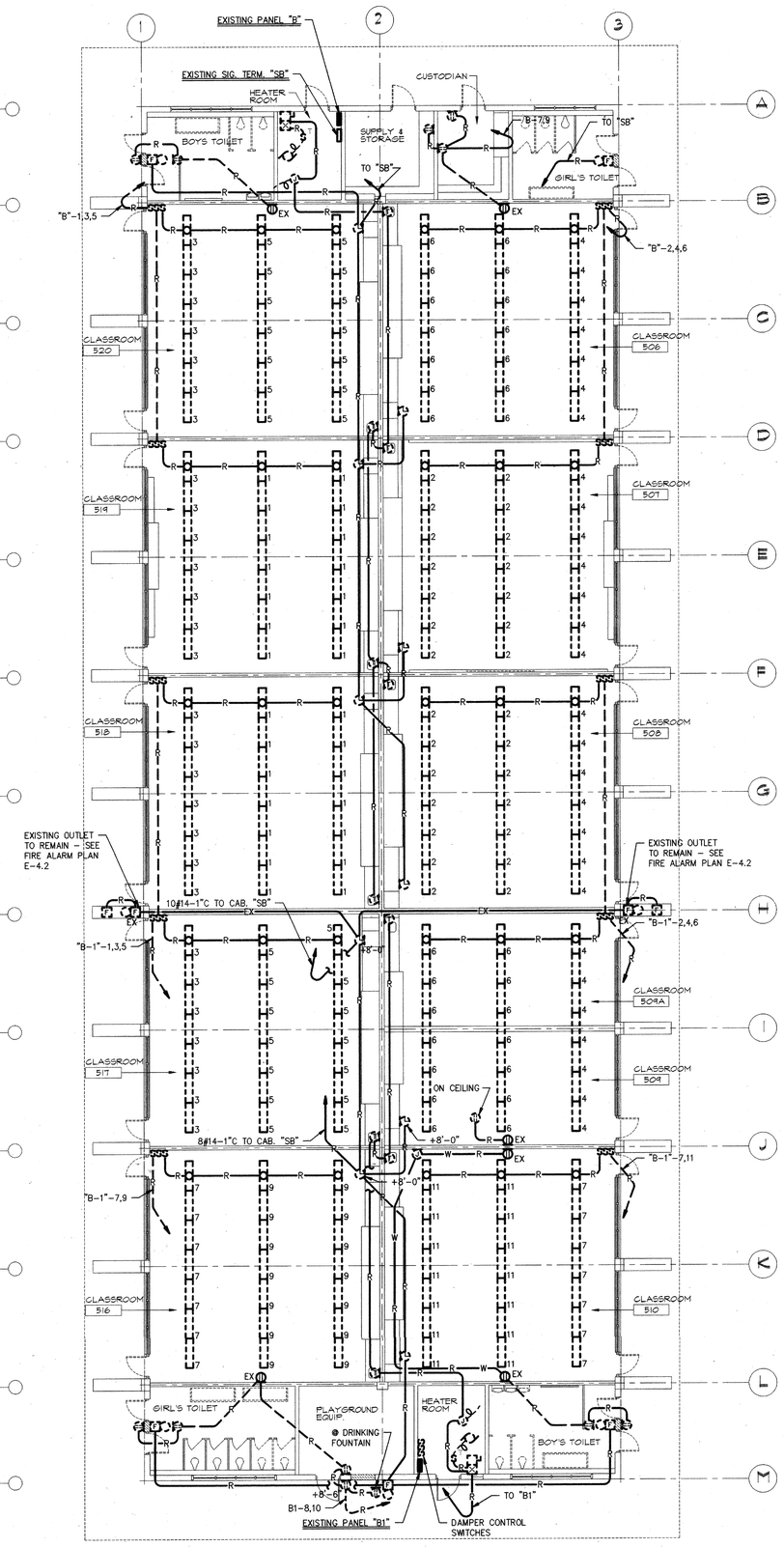
BID SET



BUILDING "B" ROOF PLAN - ELECTRICAL

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "B" DEMOLITION

SCALE: 1/8" = 1'-0"

NORTH

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OFFICE OF REGULATION SERVICES
FILE 100461
FLS SS
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

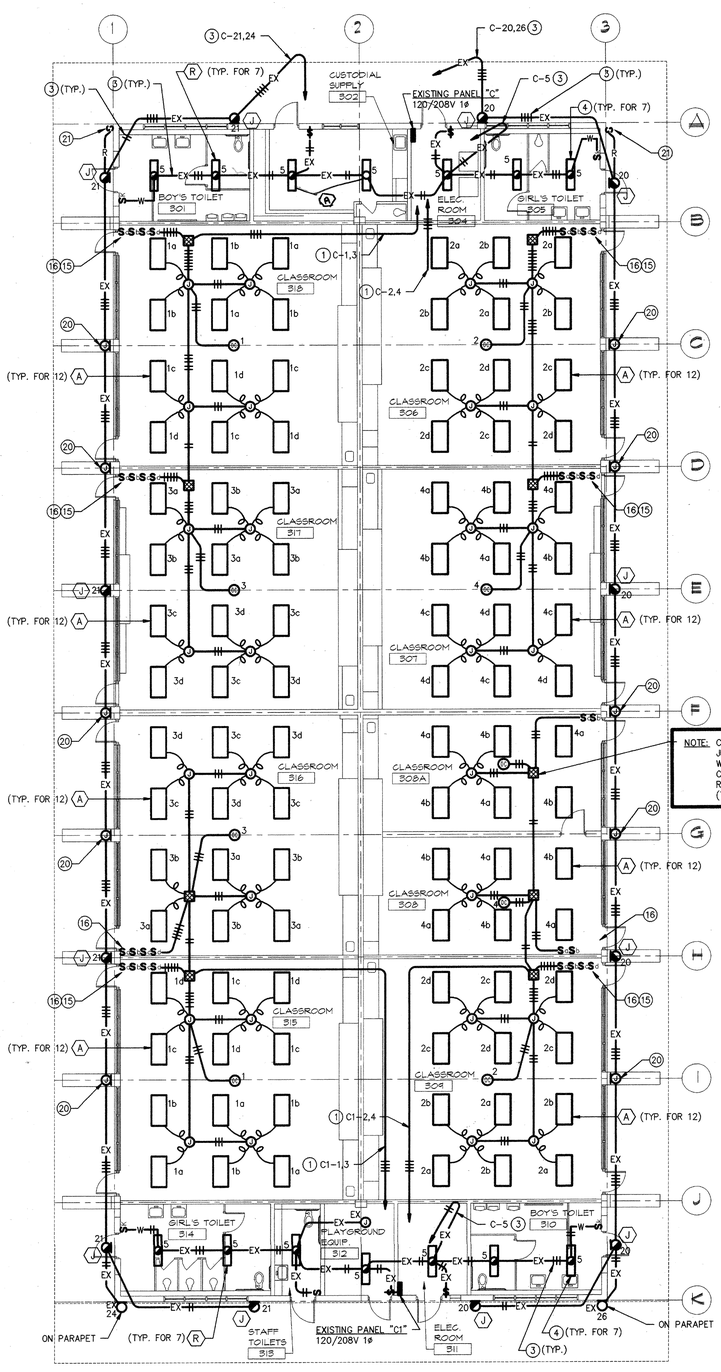
SHEET TITLE:

BUILDING "B" ROOF PLAN - ELECTRICAL AND DEMOLITION PLAN

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

SHEET NO:
E-4.3
OF



NOTE: COORDINATE LOCATION OF ALL PULLBOXES, JUNCTION BOXES AND CONDUITS WITH DUCT WORK INSTALLATION. CEILING SPACE IS VERY CONGESTED AND DUCTS ARE ROUTED BETWEEN ROWS OF FIXTURES, COORDINATE IN THE FIELD (TYPICAL)

BUILDING "C" - LIGHTING

SCALE: 1/8" = 1'-0"

BUILDING "C" - POWER

SCALE: 1/8" = 1'-0"

SPECIAL NOTES - THIS SHEET ONLY

1. SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT.
2. CEILING SPACE IS RESTRICTED AT CONCRETE BEAM AT CENTER OF CLASSROOM. ROUTE CONDUIT AS REQUIRED TO AVOID INTERFERENCE WITH CEILING INSTALLATION.
3. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
4. REMOVE EXISTING FIXTURE AND INSTALL NEW FIXTURE AS INDICATED.
5. INTERCEPT EXISTING CONDUIT (TO EXISTING SWITCH) AND INSTALL FLUSH J-BOX ABOVE NEW DOOR. ROUTE CONDUIT TO NEW SWITCH OUTLET.
6. NEW J-BOX ABOVE NEW CEILING. FISH CONDUIT DOWN TO EXISTING OUTLET IN WALL.
7. FLUSH IN NEW PORTION OF WALL.
8. INSTALL EXTENSION RING ON EXISTING OUTLET AND EXTEND CONDUIT AS INDICATED.
9. EXISTING OUTLET TO REMAIN AS A J-BOX. REMOVE EXISTING FIXTURE AND INSTALL BLANK PLATE.
10. EXISTING OUTLET TO REMAIN AS A J-BOX. REMOVE EXISTING FIXTURE AND INSTALL AN EXTENSION BOX WITH BLANK PLATE.
11. IN VERTICAL SECTION OF RACEWAY AT APPROXIMATELY +80". VERIFY MOUNTING HEIGHT WITH T.V. LOCATION.
12. NEW OUTLET FLUSH IN EXISTING WALL. "FISH" CONDUIT INTO WALL AS REQUIRED.
13. 3/4" 2#10 + 1#10 EG.
14. CONNECT NEW INSTANTANEOUS WATER HEATER. (VERIFY LOCATION)
15. REMOVE EXISTING 3-GANG FLUSH BOX AND RELATED CONDUIT. INSTALL NEW 4-GANG AS REQUIRED WITH CONDUIT "FISHED" INTO EXISTING WALL. PATCH AND REPAIR WALL AS REQUIRED.
16. SEE DETAIL H / E-10.1
17. NEW FIRE ALARM REMOTE TRANSPONDER "XP-C".
18. NEW FIRE ALARM TERMINAL CABINET "FA-C".
19. SIGNAL SYSTEMS BACKBOARD SEE SHEET E-5.2 FOR DESIGNATION.
20. REMOVE EXISTING FIXTURE (IF ANY) AND INSTALL NEW WP BLANK PLATE.
21. REMOVE EXISTING DEVICE AND INSTALL WP BLANK PLATE.

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "C" LIGHTING PLAN AND POWER PLAN

AS BUILT DRAWINGS

DSA CERTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. 10 00 61
FILE: ELS 55
DATE: APR 09 1998

SHEET NO:
E-5.1

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

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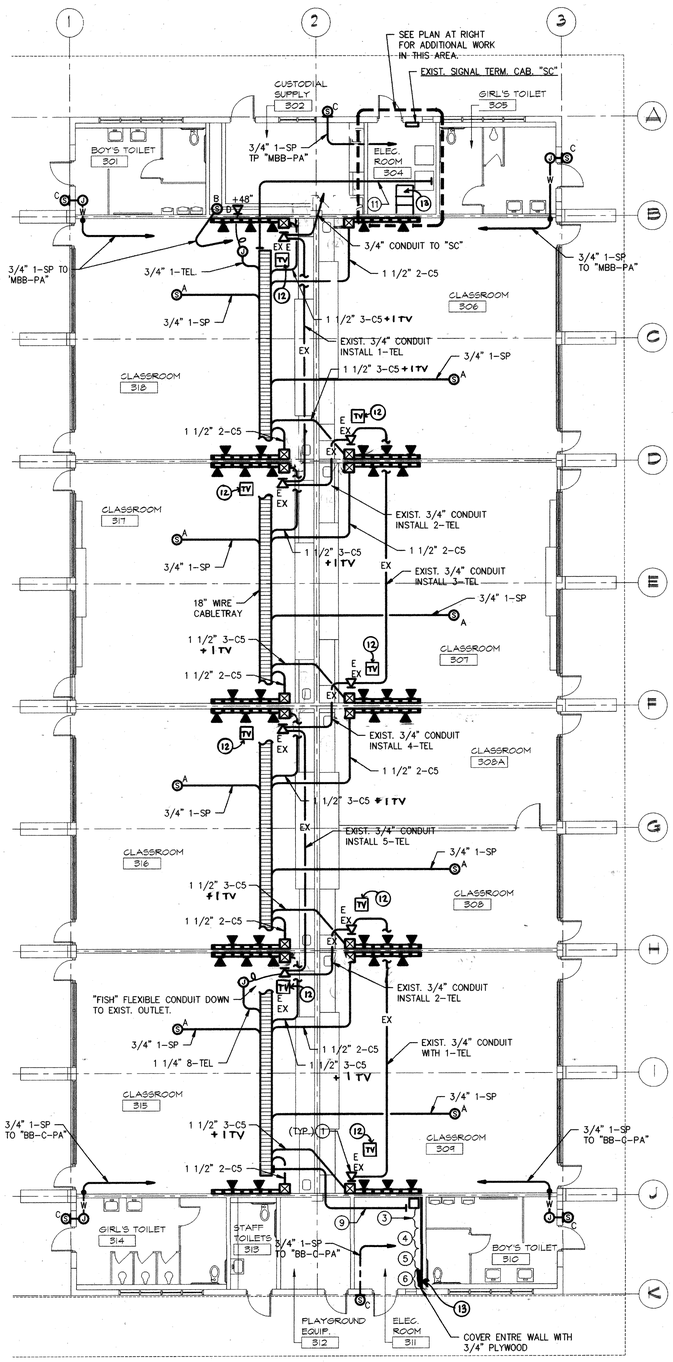
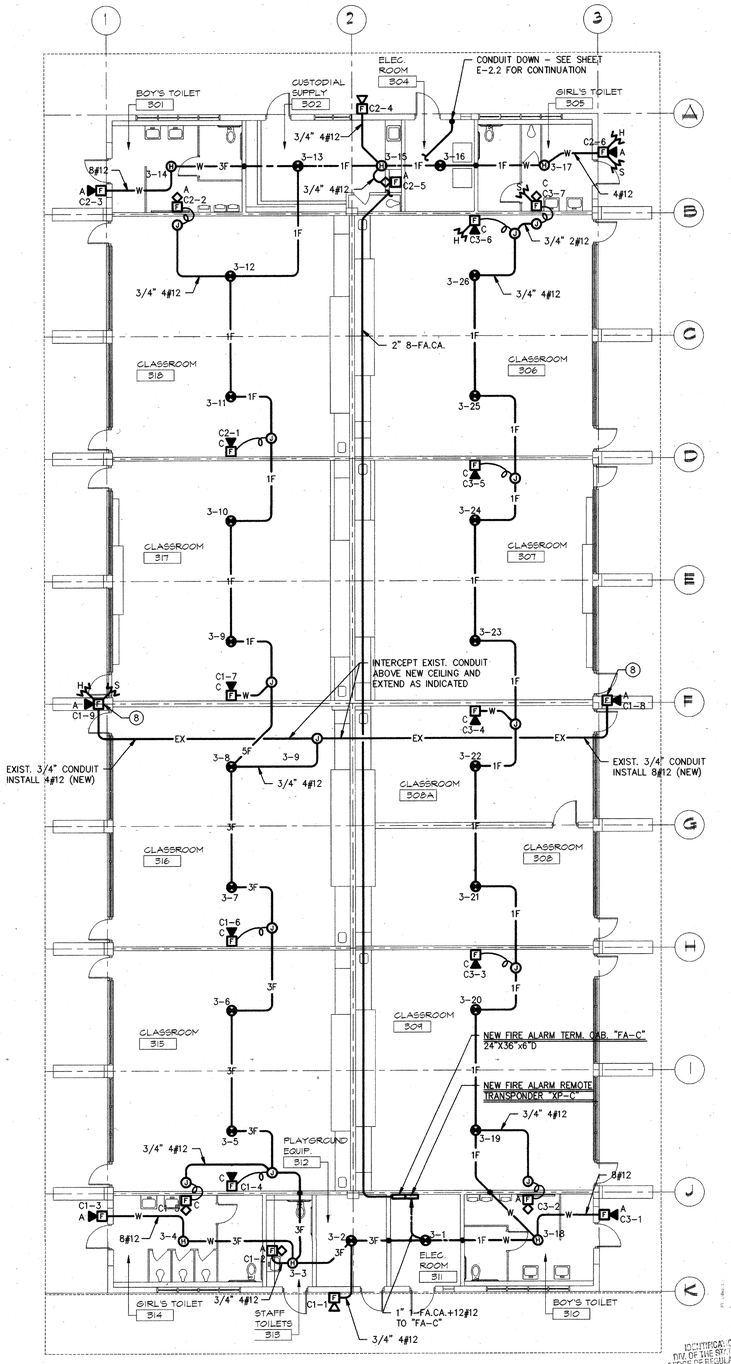


BUILDING "C" - SIGNAL

SCALE: 1/8" = 1'-0"

NORTH



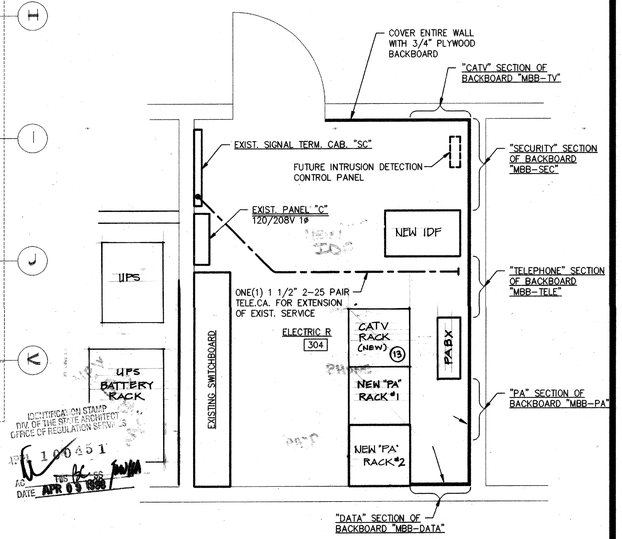
BUILDING "C" - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. EXISTING OUTLET AND CONDUIT ONLY - REMOVE EXISTING PLATE AND INSTALL NEW PHONE AND JACK. (AS INDICATED)
2. NEW "IDF-C".
3. "PHONE" SECTION OF BACKBOARD "BB-C-TELE".
4. CATV SECTION OF BACKBOARD "BB-C-CATV"
5. "SECURITY/CCTV" SECTION OF BACKBOARD "BB-C-SEC".
6. PA SECTION OF BACKBOARD "BB-C-PA"
7. IN VERTICAL SECTION OF RACEWAY AT APPROXIMATELY +80". VERIFY MOUNTING HEIGHT WITH T.V. LOCATION.
8. PROVIDE EXTENSION BOX ON EXISTING OUTLET AND EXTEND SURFACE MOUNTED TO NEW LOCATION.
9. FOUR(4) 3" CONDUIT WITH CABLES AS REQUIRED FROM CABLE TRAY TO BACKBOARD "BB-C".
10. MOUNTED IN HORIZONTAL PORTION OF RACEWAY. VERIFY LOCATION.
11. FOUR(4) 3" CONDUIT WITH CABLES AS REQUIRED FROM CABLE TRAY TO MAIN BACKBOARD "MBB".
12. CATV JACK IN VERTICAL SECTION OF MULTI-CHANNEL SURFACE RACEWAY (AT +80")
13. CATV RACK



PARTIAL PLAN (ROOM 304) - ELECTRICAL

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

NORTH

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APP 100451
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DATE APR 03 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

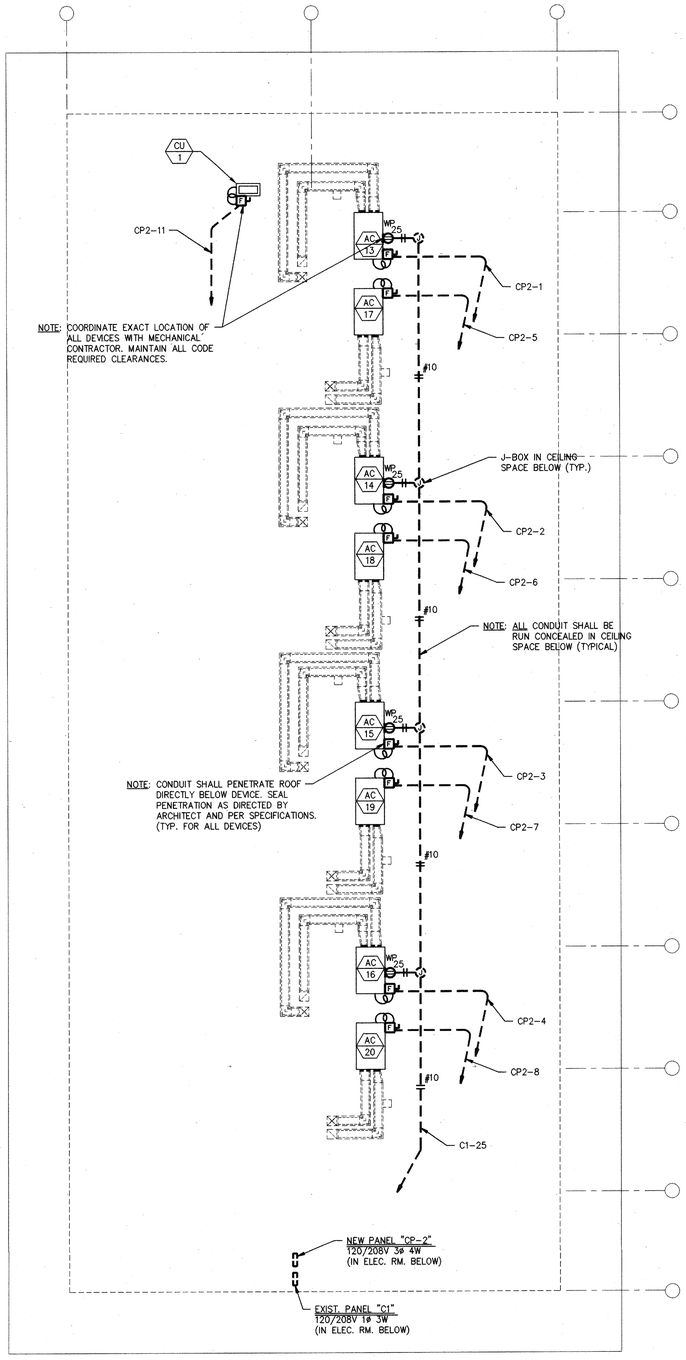
SHEET TITLE:

BUILDING "C" SIGNAL PLAN AND FIRE ALARM PLAN

AS BUILT DRAWINGS

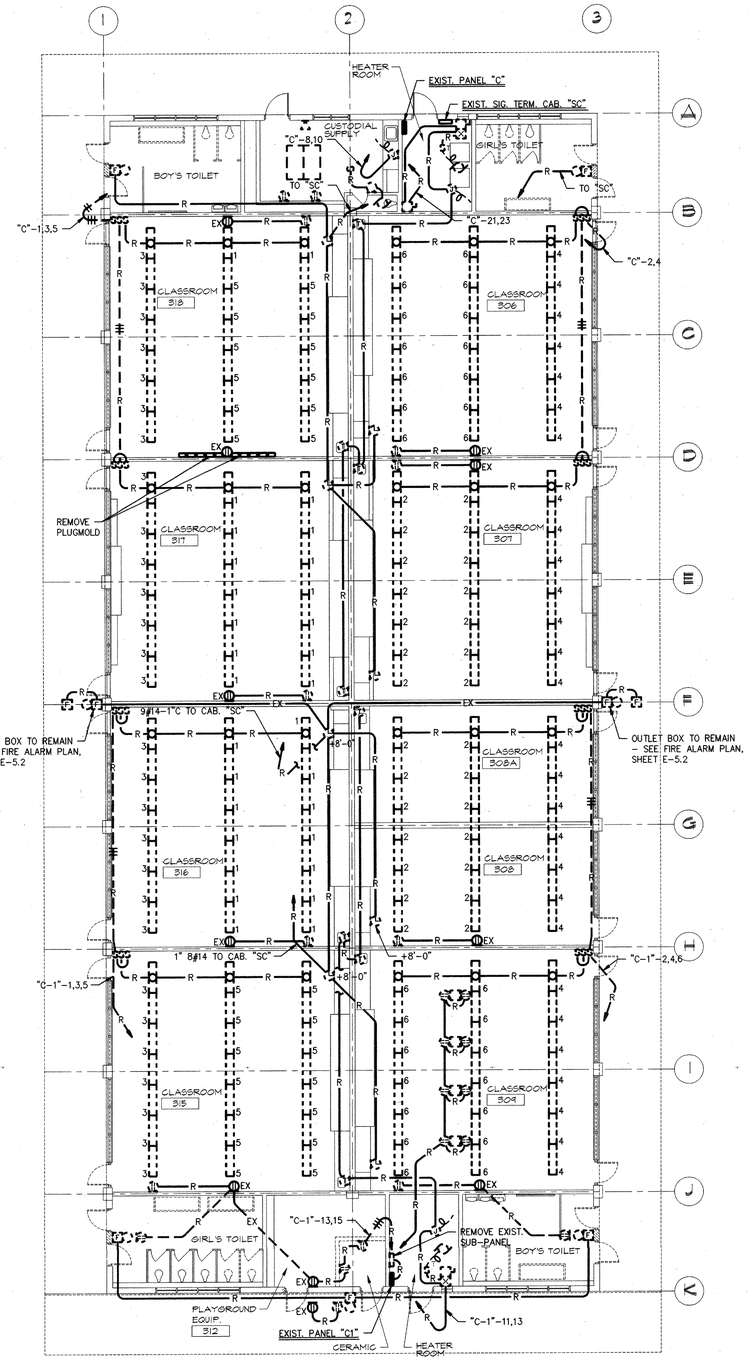
SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

SHEET NO:
E-5.2
OF



BUILDING "C" ROOF PLAN - ELECTRICAL

SCALE: 1/8" = 1'-0"



BUILDING "C" - DEMOLITION

SCALE: 1/8" = 1'-0"

NORTH

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "C" ROOF PLAN - ELECTRICAL AND DEMOLITION PLAN

AS BUILT DRAWINGS

SHEET NO: E-5.3

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
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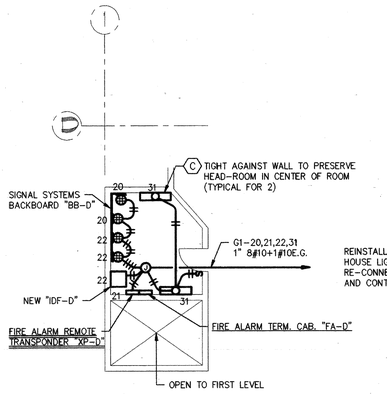
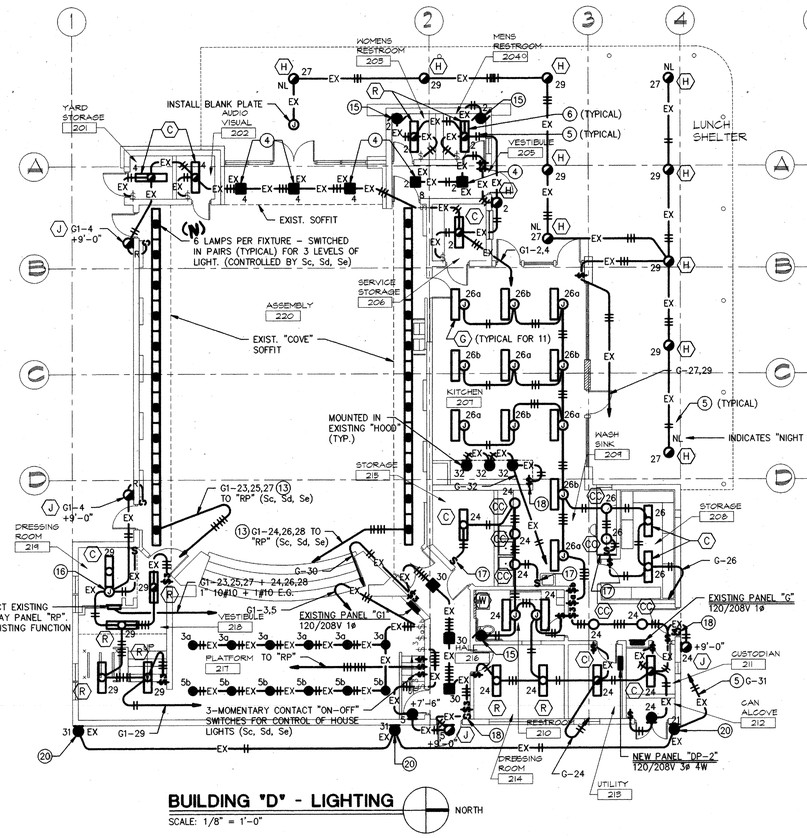


BUILDING "D" - UPPER LEVEL PLAN

SCALE: 1/8" = 1'-0"

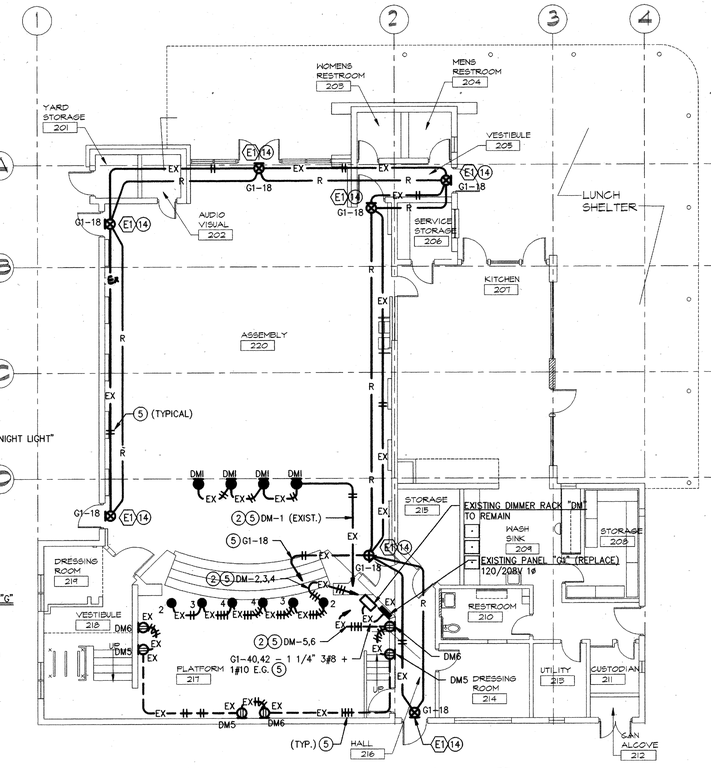
NORTH



BUILDING "D" - LIGHTING

SCALE: 1/8" = 1'-0"

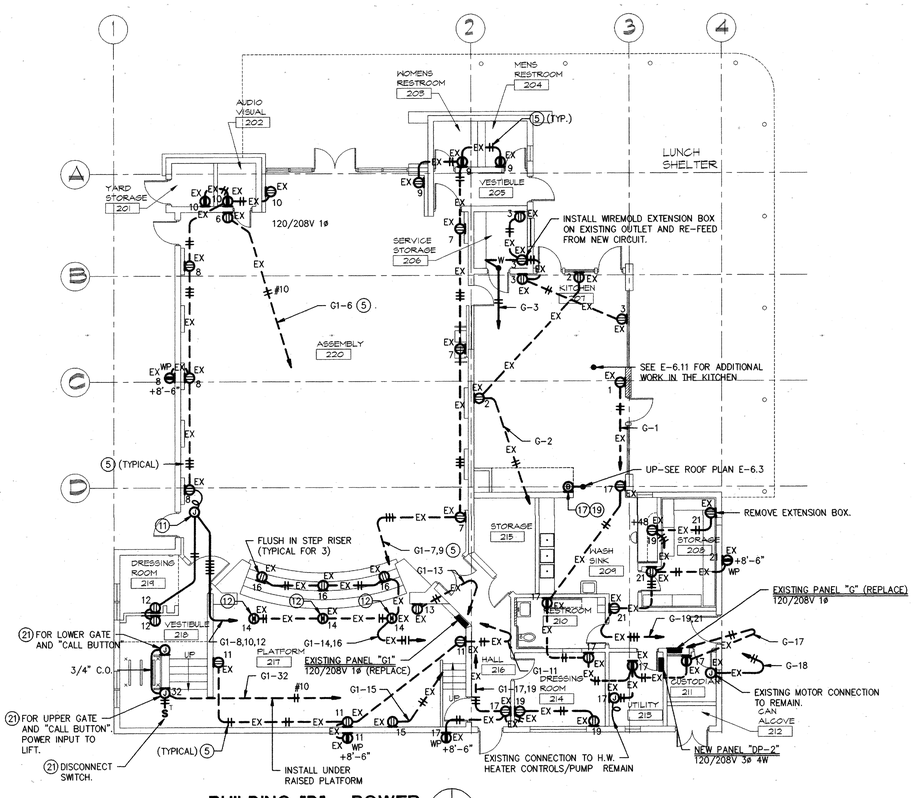
NORTH



BUILDING "D" - THEATRICAL LIGHTING

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "D" - POWER

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. NOTE OMITTED
2. SEPARATE NEUTRALS FOR EACH CIRCUIT.
3. NOTE OMITTED
4. EXISTING FIXTURE TO REMAIN. CLEAN INSIDE AND OUTSIDE. INSTALL NEW LAMP.
5. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
6. REMOVE EXISTING FIXTURE AND INSTALL NEW FIXTURE ON EXISTING OUTLET AS INDICATED.
7. REMOVE EXISTING FIXTURE. OUTLET TO REMAIN AS A J-BOX. INSTALL BLANK PLATE.
8. NOTE OMITTED
9. NOTE OMITTED
10. NOTE OMITTED
11. J-BOX CONCEALED ON TOP OF EXISTING "COVE". "FISH" FLEXIBLE CONDUIT DOWN IN EXISTING WALL TO EXISTING OUTLET. RECONNECT AS INDICATED.
12. EXISTING OUTLET FLUSH IN PLATFORM FLOOR. INSTALL NEW DEVICE AND CONNECT TO NEW CIRCUIT AS INDICATED.
13. INTERCEPT EXISTING CONDUIT AND EXTEND AS REQUIRED/INDICATED. INSTALL NEW CONDUCTORS AS NOTED. CONTRACTOR SHALL INVESTIGATE AND VERIFY LOCATION OF EXISTING CONDUIT AND SHALL DETERMINE APPROPRIATE CONNECTION POINT AND METHOD. CONTRACTOR SHALL DETERMINE APPROPRIATE CONDUIT ROUTE. NO VISIBLE EXPOSED CONDUIT IN MULTI-PURPOSE ROOM WILL BE ALLOWED.
14. REMOVE EXISTING FLUSH MOUNTED EXIT SIGN FACE AND INTERIOR. EXISTING FLUSH HOUSING SHALL REMAIN TO BE USED AS A JUNCTION BOX. NEW SURFACE MOUNTED EXIT SIGN SHALL MOUNT OVER EXISTING BOX AS NECESSARY AND SHALL BE CONNECTED TO CIRCUITS NOTED.
15. EXISTING EXHAUST FAN TO REMAIN. RECONNECT TO CIRCUIT INDICATED.
16. INSTALL EXTENSION BOX ON EXISTING OUTLET AND CONNECT TO NEW CIRCUIT AS INDICATED. NIPPLE INTO END OF NEW FIXTURE.
17. NEW OUTLET FLUSH IN EXISTING WALL. "FISH" CONDUIT DOWN IN WALL AS REQUIRED.
18. REMOVE SWITCH FOR EXTERIOR LIGHT. INSTALL 2-GANG PLATE WITH ONE SIDE BLANK.
19. 0-4 HOUR MANUAL TIMER - M.H. RHODES CATALOG #90240. MOUNT ADJACENT TO LIGHT SWITCH IN NEW FLUSH BOX.
20. EXISTING FIXTURE MOUNTED ON PARAPET TO REMAIN-CONNECT TO NEW CIRCUIT AS INDICATED.
21. COORDINATE EXACT LOCATIONS AND REQUIREMENTS IN THE FIELD WITH THE H/C LIFT INSTALLER. VERIFY ALL REQUIREMENTS PRIOR TO INSTALLATION AND ADJUST AS NECESSARY.

IDENTIFICATION STAMP
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DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

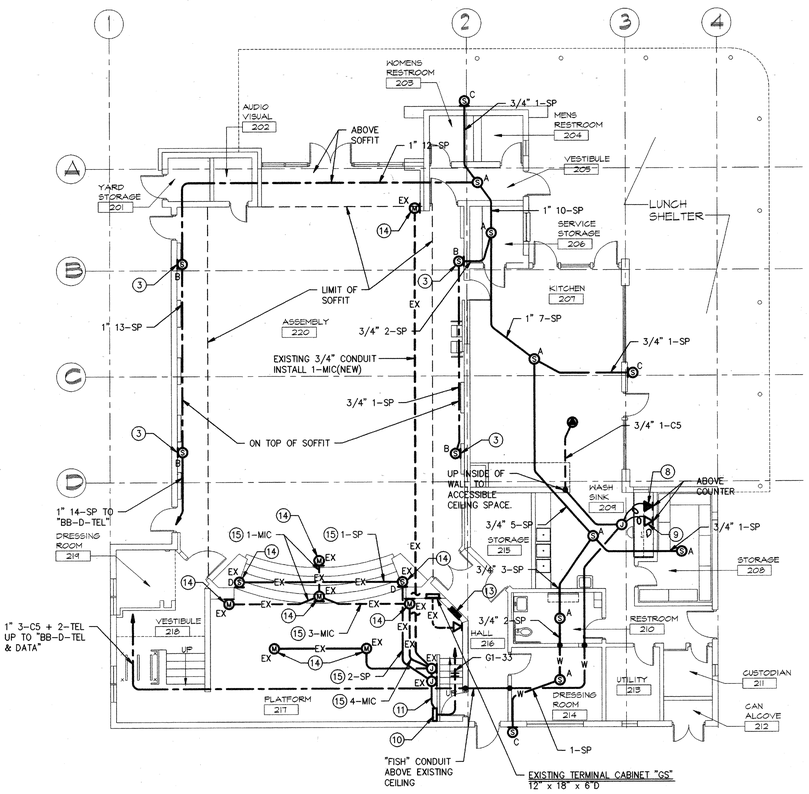
SHEET TITLE:

BUILDING "D" LIGHTING PLAN AND POWER PLAN

AS BUILT DRAWINGS

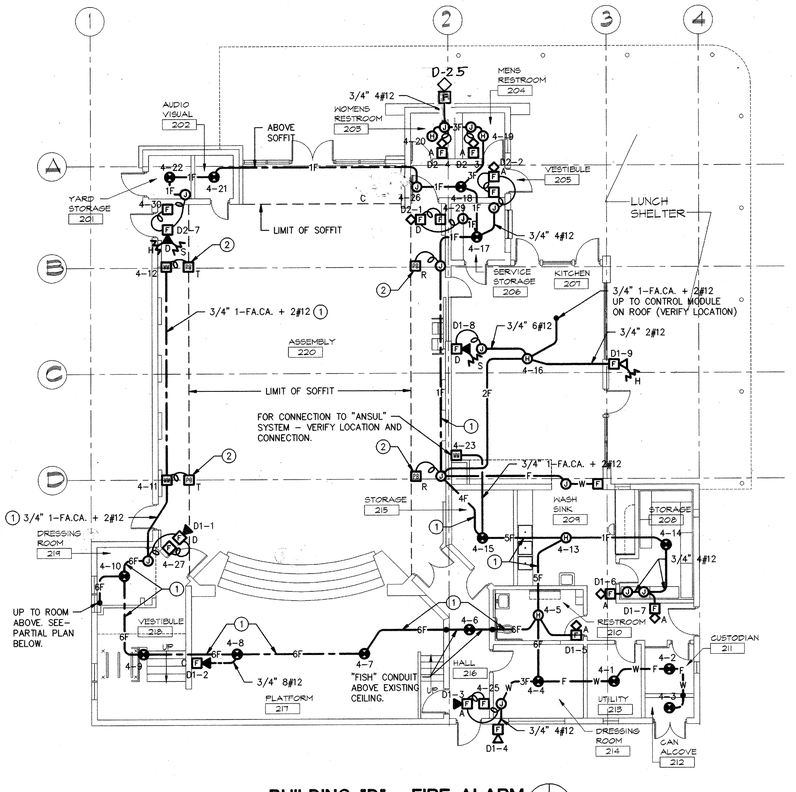
SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.03
DRAWN BY: NS
CHECKED BY: JK

SHEET NO:
E-6.1
OF



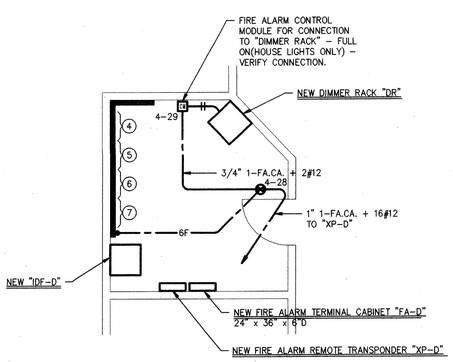
BUILDING "D" - SIGNAL

SCALE: 1/8" = 1' - 0"



BUILDING "D" - FIRE ALARM

SCALE: 1/8" = 1' - 0"



UPPER LEVEL - ELECTRICAL ROOM

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

SPECIAL NOTES - THIS SHEET ONLY

1. IN ADDITION TO THE CONDUCTORS INDICATED, INSTALL ADDITIONAL (6) CONDUCTOR CABLES AS REQUIRED FOR THE PROJECTED BEAM DETECTORS.
2. PROJECTED BEAM DETECTORS SHALL BE MOUNTED "FLUSH" ON FACE OF EXISTING DUCT SHAFT. "FISH" CONDUIT UP INSIDE OF SHAFT WALL FROM ABOVE SOFFIT.
3. ON TOP OF SOFFIT.
4. LOCATE "CATV" SECTION OF BACKBOARD-"BB-D-TV". HERE.
5. SUGGESTED "SEC/CCTV" SECTION OF BACKBOARD-"BB-D-SEC".
6. SUGGESTED "PHONE/PA" SECTION OF BACKBOARD-"BB-D-TEL".
7. SUGGESTED "DATA" SECTION OF BACKBOARD-"BB-D-DATA".
8. TWO DATA JACKS IN ONE OUTLET.
9. TWO TELEPHONE JACKS IN ONE OUTLET.
10. NEW ATONOMOUS PA SYSTEM. REMOVE EXISTING SYSTEM AND RELATED CABINET. INSTALL NEW SURFACE MOUNTED SYSTEM AS INDICATED.
11. 1 1/2" CONDUIT WITH MICROPHONE AND SPEAKER CABLES AS REQUIRED.
12. PANEL "G1" 120/208V 1Ø 3W
13. EXISTING OUTLET. INSTALL NEW DEVICE.
14. EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.

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APPL 100451
FILE 56 TUSD
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

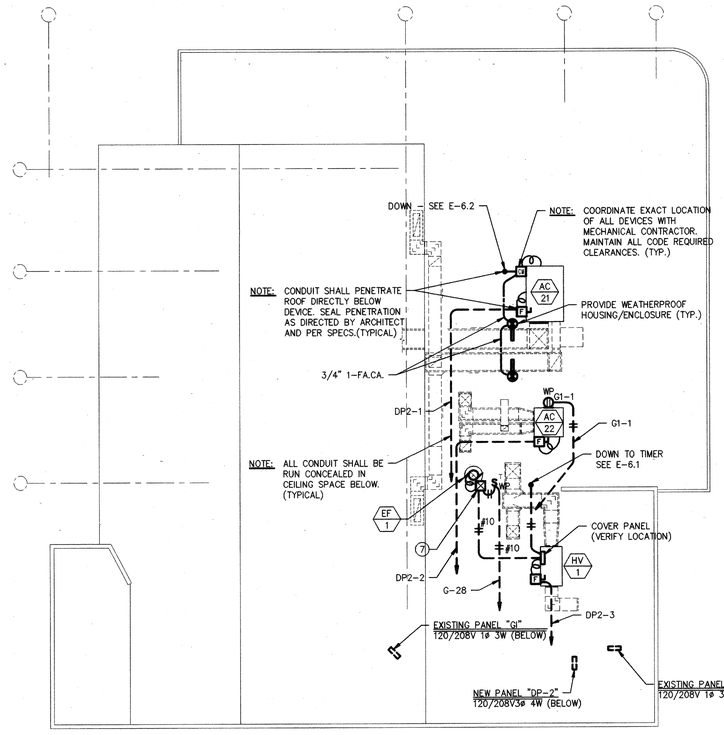
SHEET TITLE:

BUILDING "D" SIGNAL PLAN AND FIRE ALARM PLAN

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/8/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

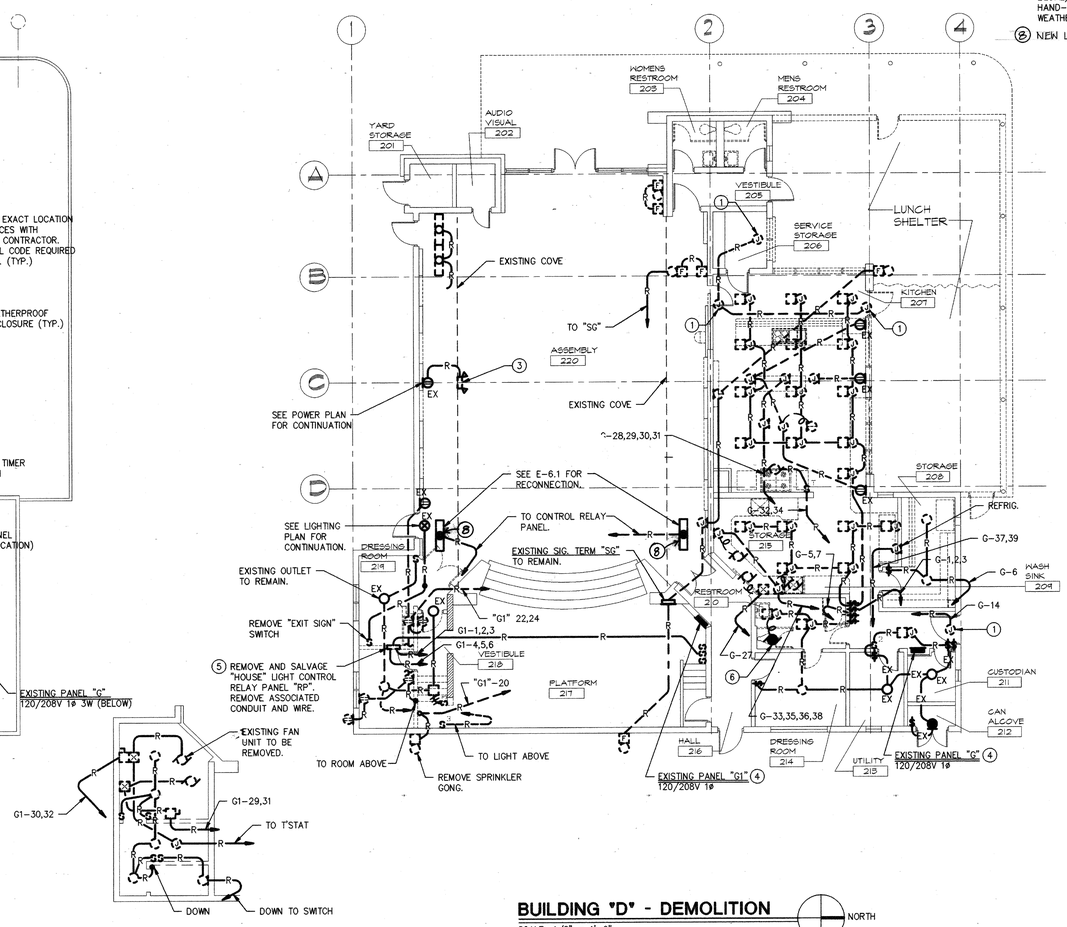
SHEET NO:
E-62
OF



BUILDING "D" ROOF PLAN - ELECTRICAL

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "D" UPPER LEVEL PLAN

SCALE: 1/8" = 1'-0"

NORTH

BUILDING "D" - DEMOLITION

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. REMOVE CONNECTION TO FLY FAN.
2. NOTE OMITTED.
3. REMOVE EMREGENCY LIGHTING UNIT AND RELATED CONDUIT & WIRE. PATCH WALL TO MATCH EXISTING.
4. EXISTING PANEL SHALL BE REMOVED AND REPLACED – SEE PANEL SCHEDULES.
5. REMOVE & SALVAGE EXISTING HOUSE LIGHT CONTROL RELAY PANEL "RP". REINSTALL AND RECONNECT AT NEW LOCATION AS INDICATED ON SHEET E-6.1.
6. EXHAUST FAN TO REMAIN & TO BE RECONNECTD – SEE E-6.1
7. SIZE 1 CONTACTOR IN A NEMA 4X ENCLOSURE (SQUARE D CLASS 8502 OR EQUAL). CONTACTOR SHALL BE COMPLETE WITH 120VOLT COIL, OVERLOAD RELAYS, HAND-OFF-AUTO SWITCH, PUSH-TO-TEST ON/OFF PILOT LIGHTS AND OVERSIZED WEATHERPROOF ENCLOSURE. PROVIDE MOUNTING RACK AS REQUIRED.
8. NEW LIGHT FIXTURES TO MATCH EXISTING

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1.
2.
3.
4.
5.

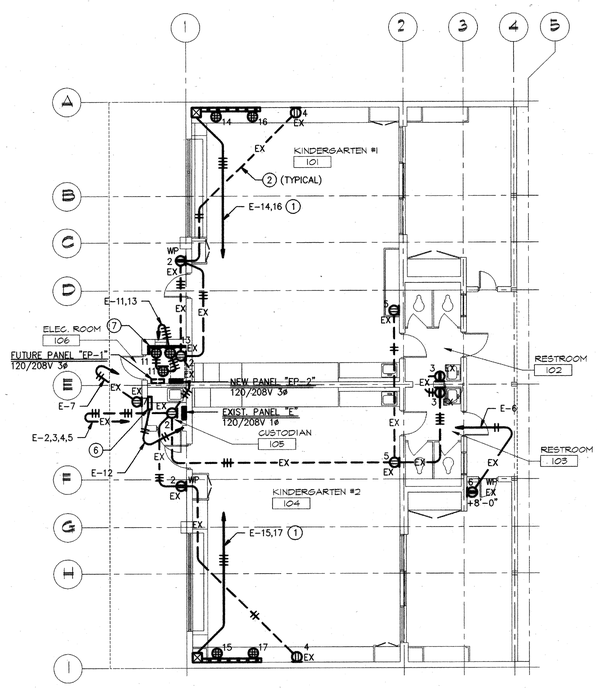
SHEET TITLE:

BUILDING "D" ROOF PLAN AND DEMOLITION PLAN

AS BUILT DRAWINGS

SHEET NO:
E-6.3

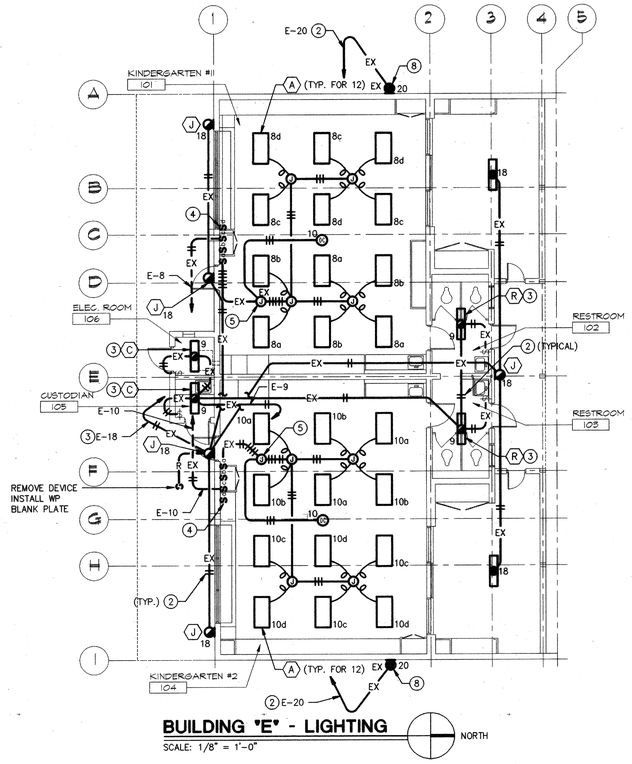
SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK
OF



BUILDING "E" - POWER

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "E" - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT.
2. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS AS INDICATED.
3. REMOVE EXISTING FIXTURE AND INSTALL NEW FIXTURE AS INDICATED.
4. INSTALL A 4 GANG EXTENSION ADAPTER BOX OVER EXISTING FLUSH 3 GANG BOX. EXTENSION BOX SHALL BE WIREMOLD CAT. #V5751-4.
5. EXISTING FLUSH BOX. INSTALL EXTENSION BOX AND EXTEND CONDUIT AS INDICATED.
6. NEW FIRE ALARM REMOTE TRANSPONDER "XP-E"
7. SIGNAL SYSTEM BACKBOARD
   SEE SIGNAL PLAN ON E-7.2 FOR DESIGNATION.
8. EXISTING FIXTURE MOUNTED ON PARAPET - RECONNECT TO NEW CIRCUIT.

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DATE APR 0 9 1998

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PROJECT TITLE

GLENDALE UNIFIED
SCHOOL DISTRICT
MODERNIZATION PLAN
IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW
ELEMENTARY
SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "E"
LIGHTING PLAN
AND
POWER PLAN

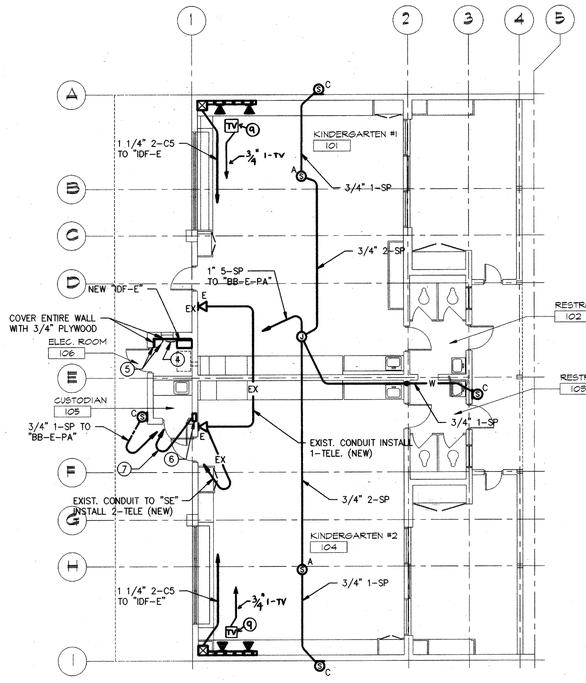
AS BUILT
DRAWINGS

SHEET NO:

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

E-7.1

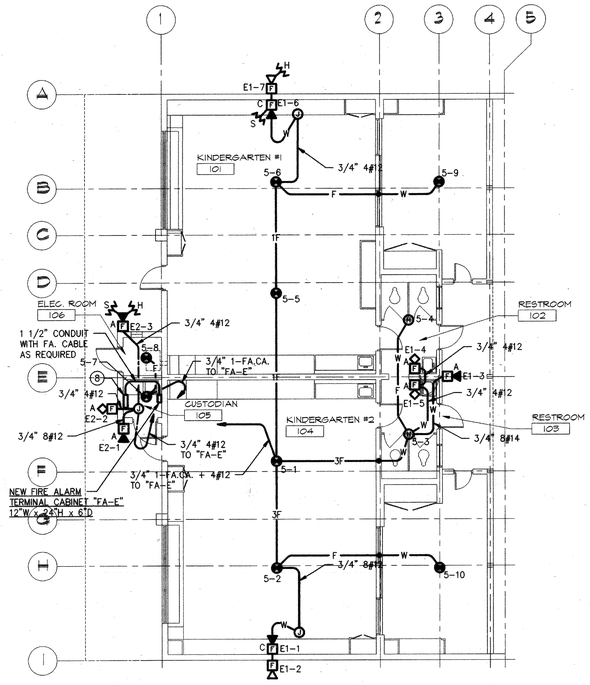
OF



BUILDING "E" - SIGNAL

SCALE: 1/8" = 1'-0"

NORTH



BUILDING "E" - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. NOTE OMITTED
2. NOTE OMITTED
3. NOTE OMITTED
4. PA & TELEPHONE SECTION OF BACKBOARD. "BB-E-PA" TOP 4' OF PLYWOOD BACKBOARD. "BB-E-TELE" BOTTOM 4' OF PLYWOOD BACKBOARD.
5. SECURITY/CCTV AND CATV SECTION ON BACKBOARD "BB-E-SEC" TOP 4' OF PLYWOOD BACKBOARD. "BB-E-CATV" BOTTOM 4' OF PLYWOOD BACKBOARD.
6. EXISTING SIGNAL TERMINAL CABINET "SE".
7. 3/4" 2-TEL FROM "SE" TO "BB-E-TEL".
8. NEW FIRE ALARM REMOTE TRANSPONDER "XP-E".
9. CATV JACK IN CHANNEL OF MULTI-CHANNEL SURFACE MOUNTED RACEWAY (IN VERTICAL SECTION +80")

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PROJECT TITLE

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MODERNIZATION PROGRAM
PHASE I

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1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

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AS BUILT DRAWINGS

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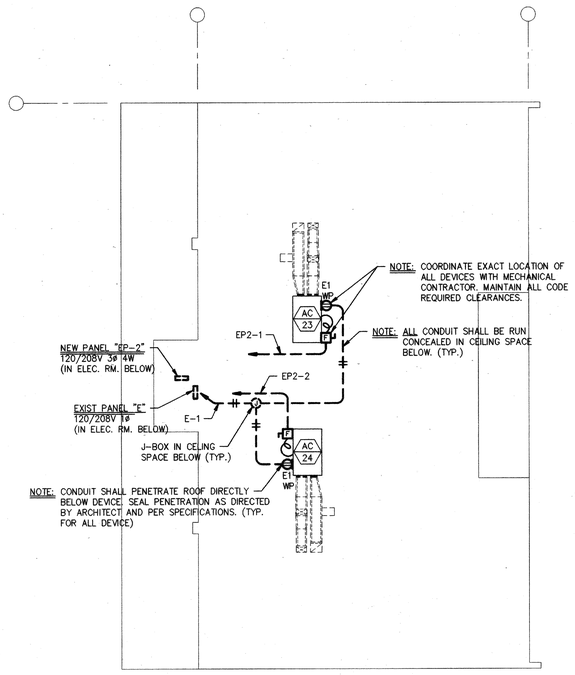
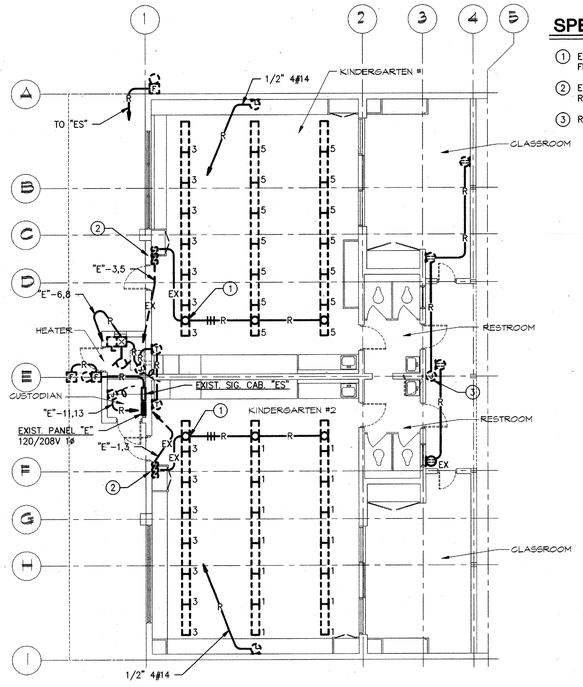


BUILDING "E" ROOF PLAN - ELECTRICAL

SCALE = 1/8" 1'-0"

NORTH



BUILDING "E" - DEMOLITION

SCALE = 1/8" 1'-0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. EXISTING OUTLET FLUSH IN CEILING SLAB TO REMAIN. REMOVE RELATED FIXTURE AND CONDUCTORS.
2. EXISTING 3-GANG OUTLET BOX FLUSH IN BRICK WALL – TO REMAIN. REMOVE EXISTING PLATE, DEVICES, AND CONDUCTORS.
3. REUSE EXISTING J-BOX AS NEW LIGHT OUTLET.

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DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4100 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "E" ROOF PLAN AND DEMOLITION PLAN

AS BUILT DRAWINGS

SCALE: AS NOTED
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CHECKED BY: JK

SHEET NO:
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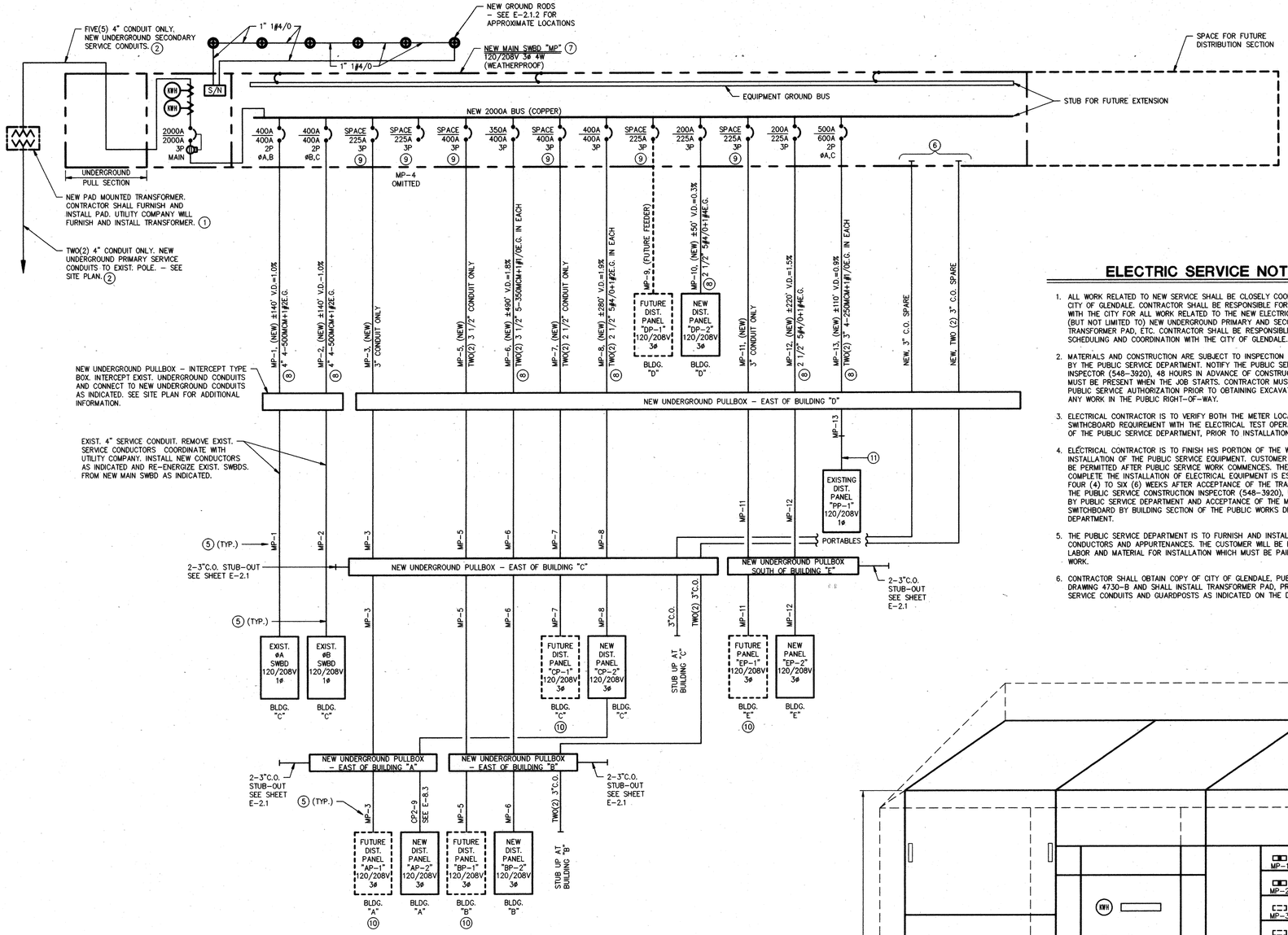


SINGLE LINE DIAGRAM - MAIN SWITCHBOARD "MP" - 120/208V 3ø 4W (WEATHERPROOF)

SCALE: NONE

NOTE: FEEDER LENGTHS INDICATED ARE FOR VOLTAGE DROP CALCULATIONS ONLY AND SHALL NOT BE USED FOR BIDDING PURPOSES.

ELECTRIC SERVICE NOTES

1. ALL WORK RELATED TO NEW SERVICE SHALL BE CLOSELY COORDINATED WITH CITY OF GLENDALE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH THE CITY FOR ALL WORK RELATED TO THE NEW ELECTRICAL SERVICE INCLUDING (BUT NOT LIMITED TO) NEW UNDERGROUND PRIMARY AND SECONDARY SERVICE CONDUITS, TRANSFORMER PAD, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NOTIFICATION, SCHEDULING AND COORDINATION WITH THE CITY OF GLENDALE.
2. MATERIALS AND CONSTRUCTION ARE SUBJECT TO INSPECTION AND APPROVAL BY THE PUBLIC SERVICE DEPARTMENT. NOTIFY THE PUBLIC SERVICE CONSTRUCTION INSPECTOR (548-3920), 48 HOURS IN ADVANCE OF CONSTRUCTION. THE INSPECTOR MUST BE PRESENT WHEN THE JOB STARTS. CONTRACTOR MUST ALSO SECURE PUBLIC SERVICE AUTHORIZATION PRIOR TO OBTAINING EXCAVATION PERMIT FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY.
3. ELECTRICAL CONTRACTOR IS TO VERIFY BOTH THE METER LOCATIONS AND THE MAIN SWITHCBOARD REQUIREMENT WITH THE ELECTRICAL TEST OPERATIONS SUPERVISOR OF THE PUBLIC SERVICE DEPARTMENT, PRIOR TO INSTALLATION (548-2011).
4. ELECTRICAL CONTRACTOR IS TO FINISH HIS PORTION OF THE WORK PRIOR TO THE INSTALLATION OF THE PUBLIC SERVICE EQUIPMENT. CUSTOMER ACCESS WILL NOT BE PERMITTED AFTER PUBLIC SERVICE WORK COMMENCES. THE TIME REQUIRED TO COMPLETE THE INSTALLATION OF ELECTRICAL EQUIPMENT IS ESTIMATED TO BE FOUR (4) TO SIX (6) WEEKS AFTER ACCEPTANCE OF THE TRANSFORMER FACILITY BY THE PUBLIC SERVICE CONSTRUCTION INSPECTOR (548-3920), RECEIPT OF PAYMENT BY PUBLIC SERVICE DEPARTMENT AND ACCEPTANCE OF THE MAIN ELECTRICAL SWITCHBOARD BY BUILDING SECTION OF THE PUBLIC WORKS DEPARTMENT. DEPARTMENT.
5. THE PUBLIC SERVICE DEPARTMENT IS TO FURNISH AND INSTALL ALL TRANSFORMERS, CONDUCTORS AND APPURTENANCES. THE CUSTOMER WILL BE BILLED FOR EQUIPMENT, LABOR AND MATERIAL FOR INSTALLATION WHICH MUST BE PAID PRIOR TO BEGINNING WORK.
6. CONTRACTOR SHALL OBTAIN COPY OF CITY OF GLENDALE, PUBLIC SERVICE DEPARTMENT DRAWING 4730-B AND SHALL INSTALL TRANSFORMER PAD, PRIMARY & SECONDARY SERVICE CONDUITS AND GUARDPOSTS AS INDICATED ON THE DRAWING.

SPECIAL NOTES - THIS SHEET ONLY

(1) TRANSFORMER PAD SHALL BE 10"x12" WITH UNDERGROUND BOX TO MEET UTILITY COMPANY'S REQUIREMENTS. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY.

(2) COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS. COORDINATE WITH UTILITY COMPANY AS REQUIRED.

(3) NOTE OMITTED

(4) NOTE OMITTED

(5) ENTIRE LENGTH OF EACH FEEDER SHALL BE SAME SIZE FROM MAIN SWITCHBOARD, THROUGH INTERMEDIATE PULLBOXES, TO FINAL LOAD/PANEL LOCATION.

(6) STUB UP INTO SWITCHBOARD SECTION AS INDICATED ON SITE PLAN E-2.1.

(7) SWITCHBOARD SHALL HAVE 200% RATED NEUTRAL BUS BAR.

(8) FEEDER INCLUDES 2 NEUTRAL CONDUCTORS (IN PARALLEL) FOR 200% NEUTRAL CAPACITY. PROVIDE LUGS FOR ALL NEUTRAL CONDUCTORS.

(9) SPACE FOR FUTURE CIRCUIT BREAKER.

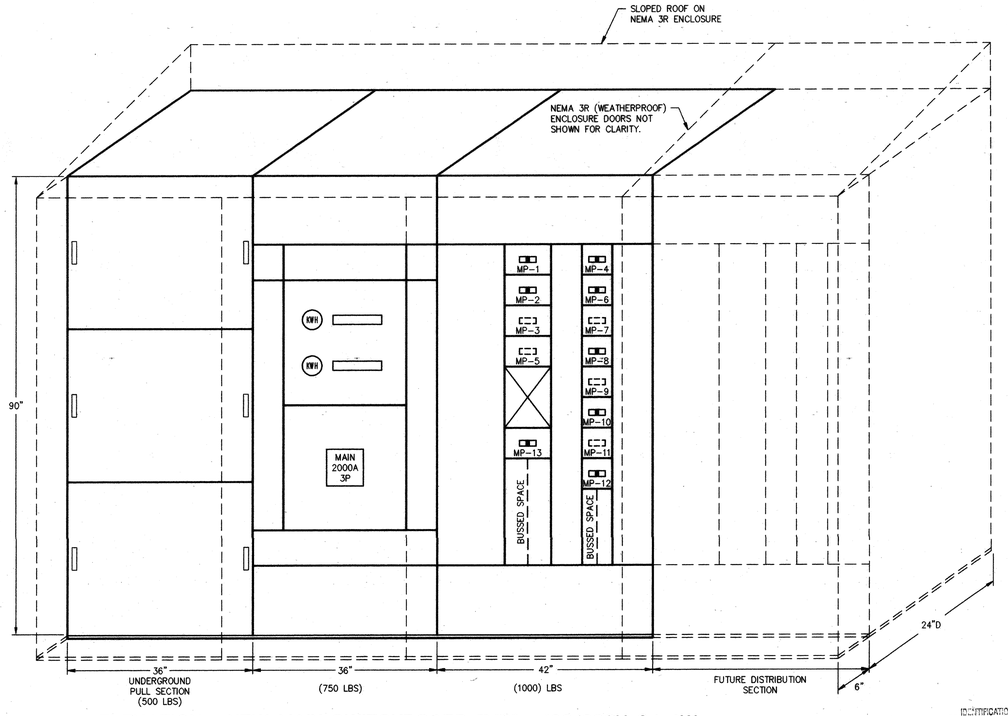
(10) STUB-UP CONDUIT(S) AT FUTURE PANEL LOCATION AS INDICATED ON FLOOR PLANS.

(11) EXISTING TWO(2) 3" C.O. STUBBED OUT FROM "PP-1" AS INDICATED ON SITE PLAN. INTERCEPT AND EXTEND CONDUITS TO NEW MAIN SWITCHBOARD THROUGH UNDERGROUND PULLBOX AS INDICATED. INSTALL NEW CONDUCTORS AND ENERGIZE PANEL "PP-1".

LOAD SUMMARY - "MP"

	øA	øB	øC	
MP-1 =	383.4A	383.4A	N/A	
MP-2 =	N/A	332.3A	332.3A	
MP-3 =	50.0A	50.0A	50.0A	(FUTURE)
MP-4 =	0	0	0	(OMITTED)
MP-5 =	100.0A	100.0A	100.0A	(FUTURE)
MP-6 =	225.0A	225.0A	225.0A	
MP-7 =	100.0A	100.0A	100.0A	(FUTURE)
MP-8 =	234.5A	234.5A	234.5A	
MP-9 =	100.0A	100.0A	100.0A	(FUTURE)
MP-10 =	83.7A	83.7A	83.7A.	
MP-11 =	100.0A	100.0A	100.0A	(FUTURE)
MP-12 =	37.0A	37.0A	37.0A	
MP-13 =	400.0A	N/A	400.0A	
TOTALS =	1813.6A	1745.9A	1762.5A	

TOTAL CONNECTED LOAD = 1813.6A @ 120/208V 3ø 4W



ELEVATION - NEW MAIN SWITCHBOARD "MP" - 120/208V 3ø 4W

SCALE: 1" = 1'-0"

NOTE:
EACH SWITCHBOARD SECTION SHALL BE ANCHORED TO THE NEW CONCRETE PAD WITH ONE (1) HILTI KWIK-BOLT II - 1/2" BOLT WITH A MINIMUM OF 3 1/2" EMBEDMENT (ICBO# 4672) IN EACH CORNER AND ANCHORED TO THE WALL IN EACH CORNER. PROVIDE 4" EDGE SPACE. BARS TO BE #4 @ 24" O.C. EA. WAY.

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APPROVED 100151
BY: FLS SS TANKA
DATE: APR 09 1998

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

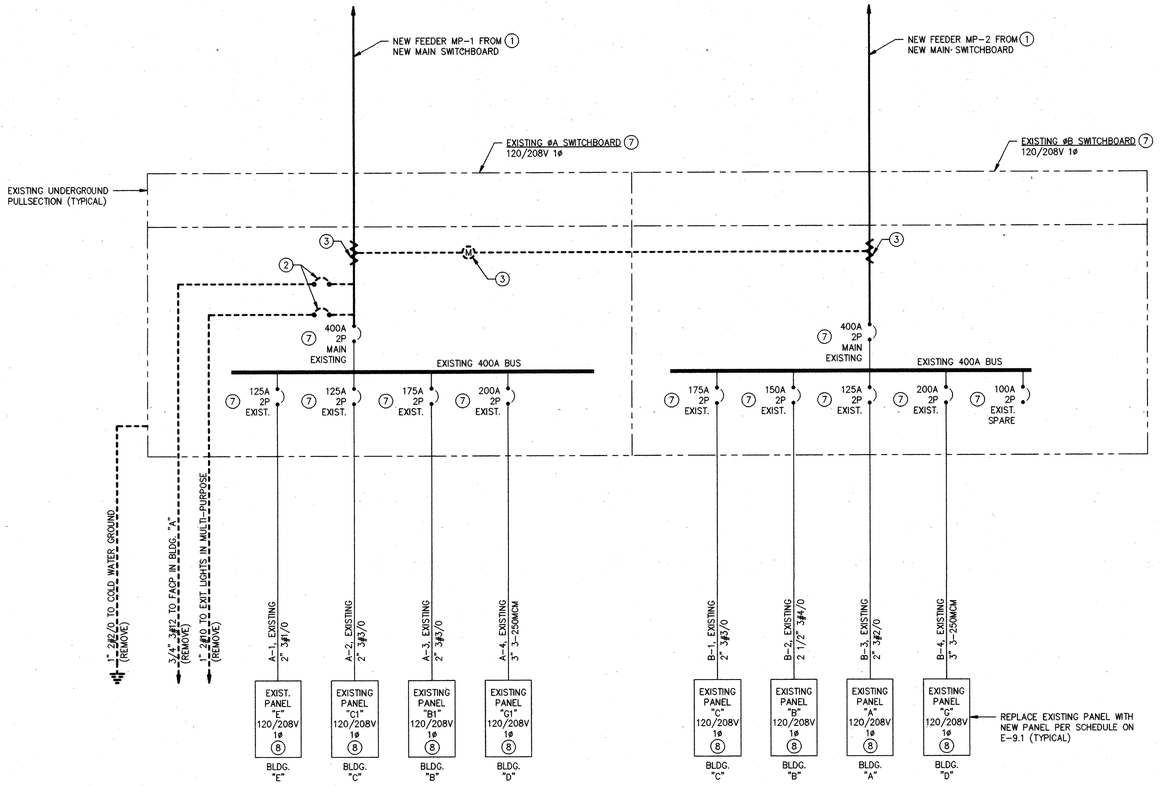
SHEET TITLE:

SINGLE LINE DIAGRAM MAIN SWITCHBOARD

AS BUILT DRAWINGS

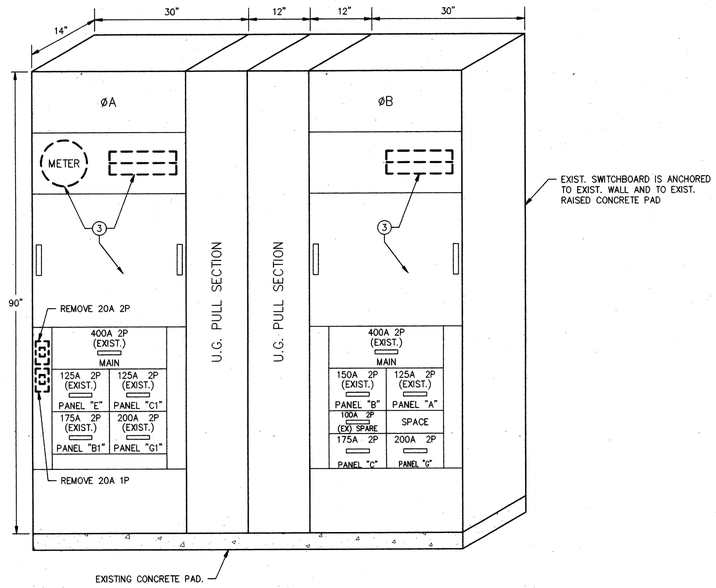
SHEET NO: E-8.1

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: KK
OF



SINGLE LINE DIAGRAM - EXISTING ØA AND ØB SWITCHBOARDS - 120/208V 1ø 3W

NO SCALE



EXISTING ØA AND ØB SWITCHBOARDS

SCALE: 1" - 1'-0"

LOAD SUMMARY - ØA SWITCHBOARD

A-1	=	45.8 A.
A-2	=	89.5 A.
A-3	=	113.8 A.
A-4	=	134.3 A.
TOTAL	=	384.4 A. @ 120/208V 1ø (øA, øB)

LOAD SUMMARY - ØB SWITCHBOARD

B-1	=	65.1 A.
B-2	=	69.3 A.
B-3	=	57.7 A.
B-4	=	140.2 A.
TOTAL	=	332.3 A. @ 120/208V 1ø (øB, øC)

SPECIAL NOTES - THIS SHEET ONLY

1. REMOVE EXISTING UNDERGROUND SERVICE FROM POLE @ NORTH PROPERTY LINE. REMOVE CONDUCTORS AND INTERCEPT CONDUIT. COORDINATE AND COOPERATE WITH THE POWER COMPANY (CITY OF GLENDALE - PUBLIC SERVICE) FOR THIS WORK. EXTEND INTERCEPTED CONDUIT TO NEW MAIN SWITCHBOARD AND RE-ENERGIZE EXISTING ØA AND ØB SWITCHBOARDS.
2. REMOVE 2 - 20A 2P BREAKERS AND INSTALL BLANK PLATE AS REQUIRED.
3. REMOVE EXISTING METERING FACILITIES AND COMPONENTS COMPLETELY. INSTALL NEW COVER PLATES AS REQUIRED TO FILL OPENINGS IN FRONT OF SWITCHBOARD. COORDINATE AND COOPERATE WITH THE POWER COMPANY FOR THIS WORK.
4. EXISTING BREAKER TO REMAIN AS SPARE. INSTALL NEW ENGRAVED NAMEPLATE.
5. NOTE OMITTED
6. NOTE OMITTED
7. CONTRACTOR SHALL FURNISH AND INSTALL NEW ENGRAVED NAMEPLATE FOR ALL EXISTING CIRCUIT BREAKERS, AND FOR EACH SWITCHBOARD. NAMEPLATES SHALL BE SIMILAR TO NEW MAIN SWITCHBOARD NAMEPLATES AND SHALL IDENTIFY BREAKER SIZE, FEEDER NAME AND LOAD SERVED.
8. THIS PANEL IS NOTED AS "EXISTING". THIS INDICATES AN EXISTING PANEL LOCATION ONLY. THE EXISTING PANEL AT THIS LOCATION SHALL BE REMOVED AND REPLACED WITH A NEW PANEL PER THE PANEL SCHEDULE. THE REPLACEMENT PANEL SHALL BE CONNECTED TO THE EXISTING FEEDER AS REQUIRED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 100451
AC. FLS SS
DATE APR 09 1998

BID SET

OSBORN ARCHITECTS

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

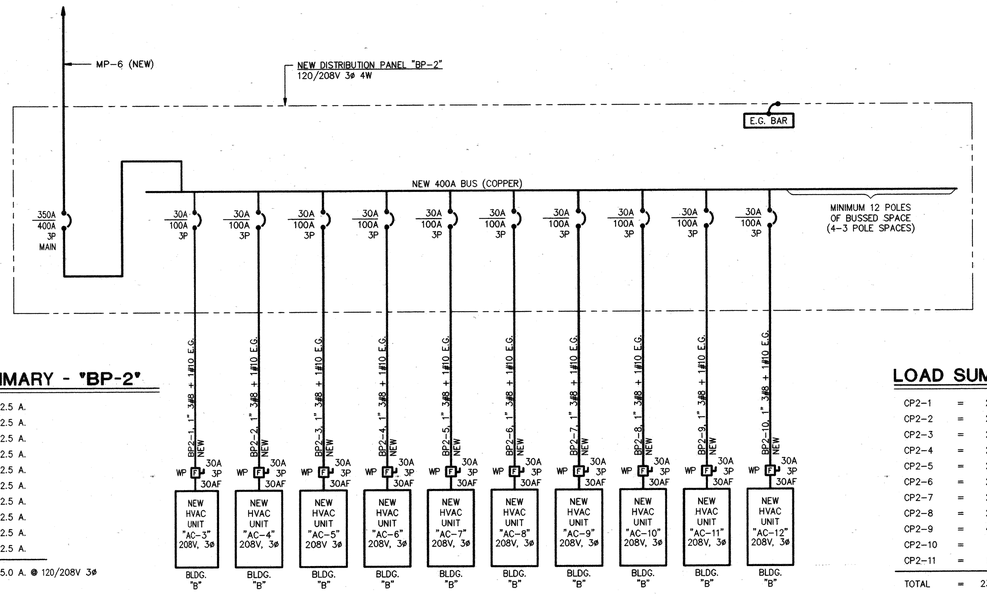
SHEET TITLE:

SINGLE LINE DIAGRAMS - DISTRIBUTION SWITCHBOARDS

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

SHEET NO:
E-8.2
OF

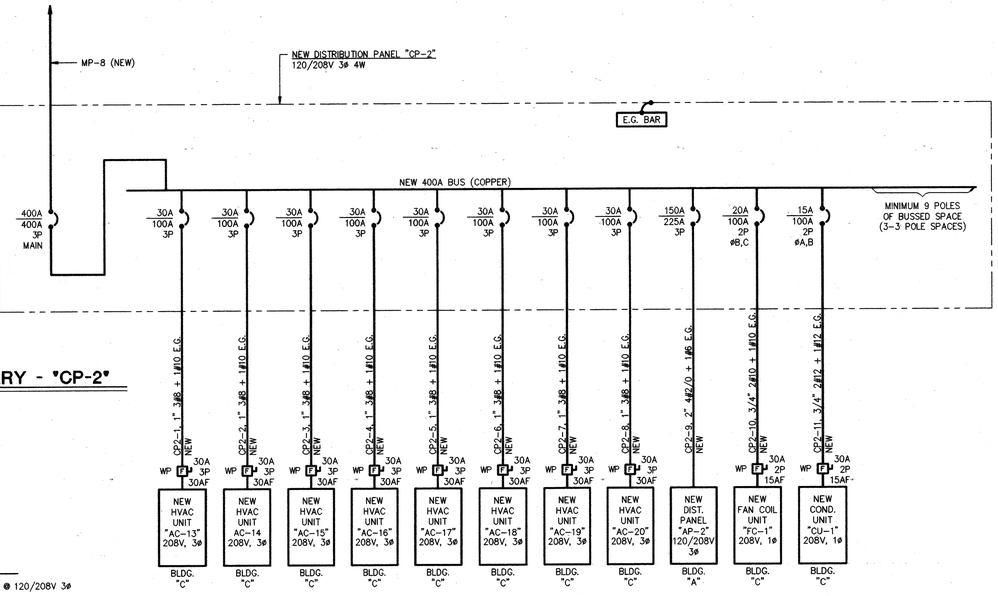


LOAD SUMMARY - "BP-2"

BP2-1	=	22.5 A.
BP2-2	=	22.5 A.
BP2-3	=	22.5 A.
BP2-4	=	22.5 A.
BP2-5	=	22.5 A.
BP2-6	=	22.5 A.
BP2-7	=	22.5 A.
BP2-8	=	22.5 A.
BP2-9	=	22.5 A.
BP2-10	=	22.5 A.
TOTAL	=	225.0 A. @ 120/208V 3ø

SINGLE LINE DIAGRAM - NEW DISTRIBUTION PANEL "BP-2" - 120/208 3ø 4W

NO SCALE



LOAD SUMMARY - "CP-2"

CP2-1	=	22.5 A.
CP2-2	=	22.5 A.
CP2-3	=	22.5 A.
CP2-4	=	22.5 A.
CP2-5	=	22.5 A.
CP2-6	=	22.5 A.
CP2-7	=	22.5 A.
CP2-8	=	22.5 A.
CP2-9	=	42.0 A.
CP2-10	=	0.4 A.
CP2-11	=	12. 1 A.
TOTAL	=	234.5 A. @ 120/208V 3ø

SINGLE LINE DIAGRAM - NEW DISTRIBUTION PANEL "CP-2" - 120/208 3ø 4W

NO SCALE

SPECIAL NOTES - THIS SHEET ONLY

1. MOUNT ADJACENT TO SWITCHBOARD - MAXIMUM 10'-0" FEEDER.
2. NOTE OMITTED
3. PANELBOARD SHALL BE COMPLETE WITH 200% RATED NEUTRAL.
4. FEEDER INCLUDES 2 NEUTRAL CONDUCTORS (IN PARALLEL) FOR 200% NEUTRAL CAPACITY. PROVIDE LUGS FOR ALL NEUTRAL CONDUCTORS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DSA SS/CC
DATE APR 09 1998

SINGLE LINE DIAGRAMS ON THIS SHEET	
BP-2	CP-2

BID SET

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818/249/0444 FAX 249/1467

PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

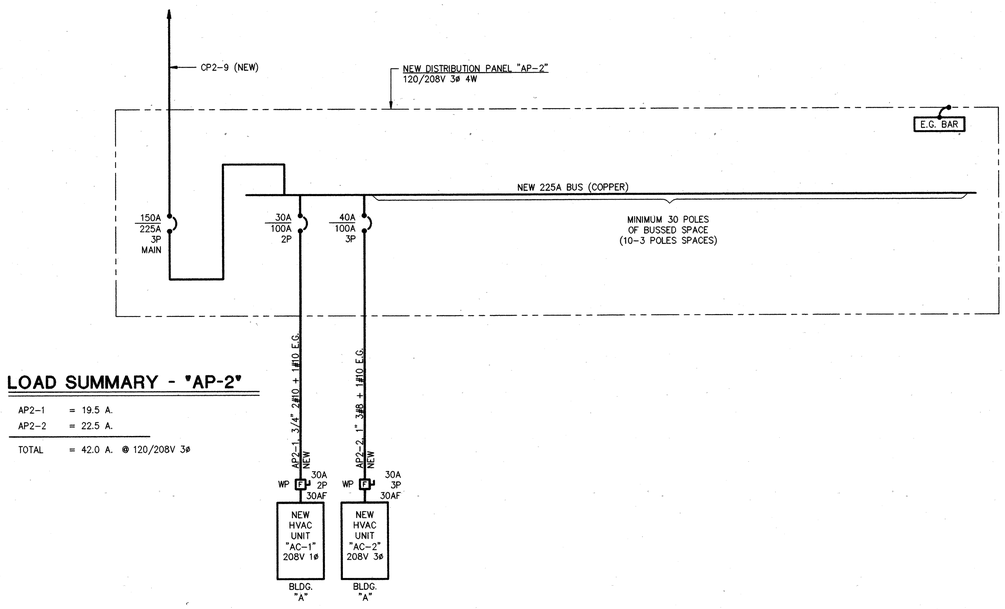
SHEET TITLE:

SINGLE LINE DIAGRAMS - DISTRIBUTION PANELBOARDS

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

SHEET NO:
E-8.3
OF

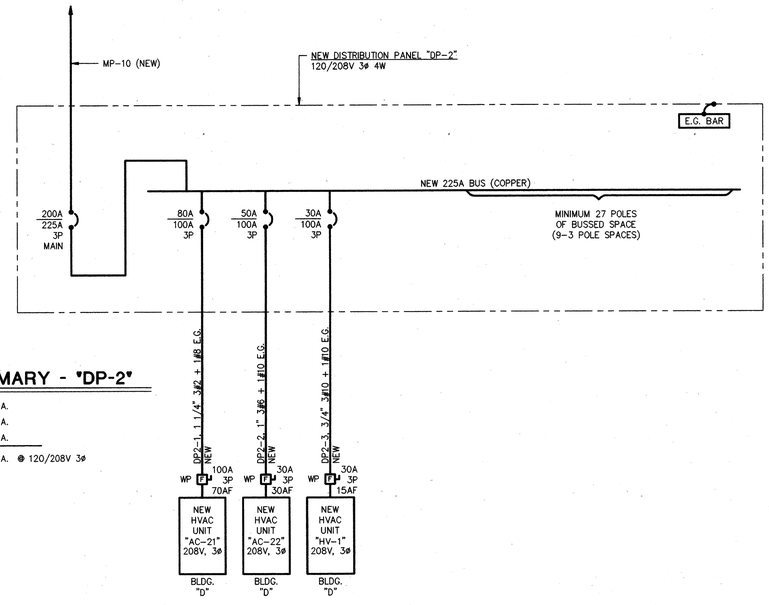


LOAD SUMMARY - "AP-2"

AP2-1	=	19.5 A.
AP2-2	=	22.5 A.
TOTAL	=	42.0 A. @ 120/208V 3ø

SINGLE LINE DIAGRAM - NEW DISTRIBUTION PANEL "AP-2" - 120/208 3ø 4W

NO SCALE



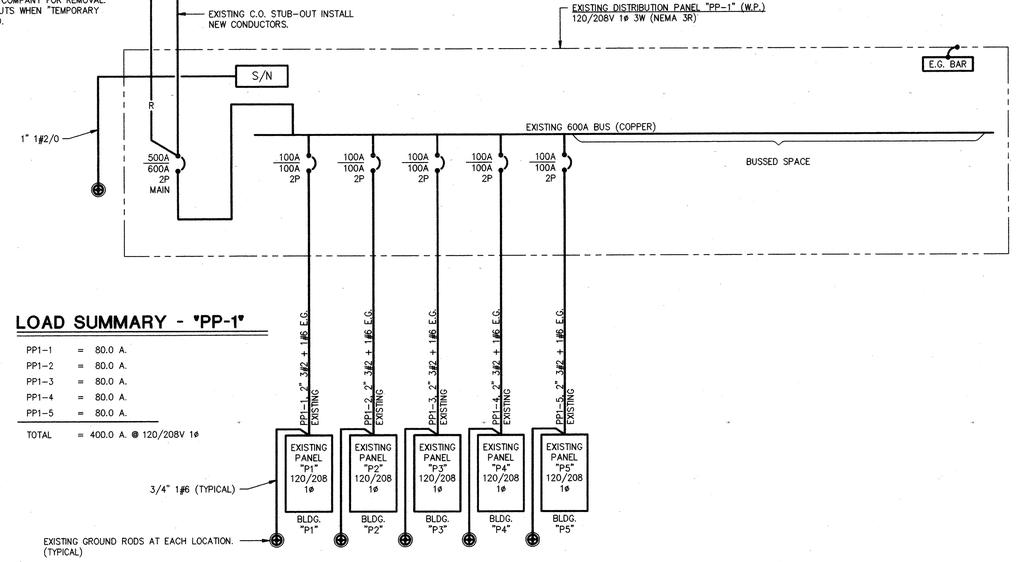
LOAD SUMMARY - "DP-2"

DP2-1	=	60.6 A.
DP2-2	=	19.5 A.
DP2-3	=	3.6 A.
TOTAL	=	83.7 A. @ 120/208V 3ø

SINGLE LINE DIAGRAM - NEW DISTRIBUTION PANEL "DP-2" - 120/208 3ø 4W

NO SCALE

CONTRACTOR SHALL COORDINATE REMOVAL OF TEMPORARY POWER SERVICE TO THIS PANEL. TEMPROARY SERVICE SHALL NOT BE REMOVED UNTIL PERMANENT POWER IS IN PLACE AND READY FOR "CUT-OVER". CONTRACTOR SHALL COORDINATE WITH DISTRICT AND WITH TEMPORARY POWER COMPANY FOR REMOVAL. CLOSE ALL KNOCKOUTS WHEN "TEMPORARY POWER" IS REMOVED.

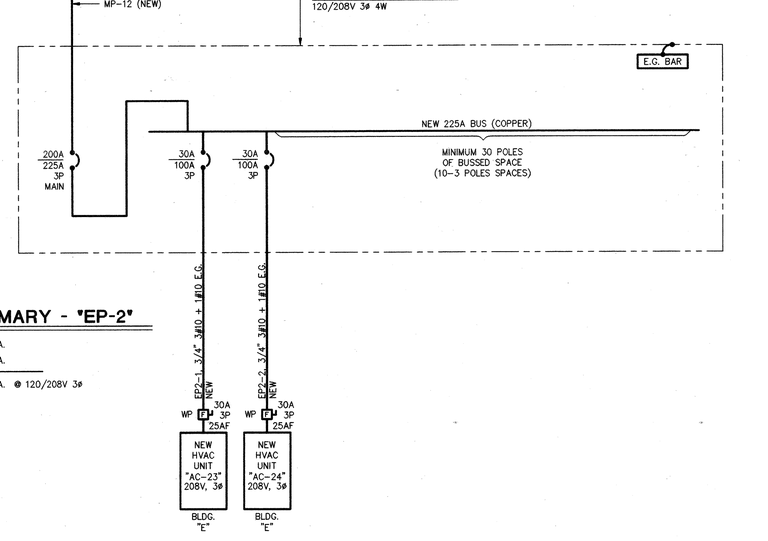


LOAD SUMMARY - "PP-1"

PP1-1	=	80.0 A.
PP1-2	=	80.0 A.
PP1-3	=	80.0 A.
PP1-4	=	80.0 A.
PP1-5	=	80.0 A.
TOTAL	=	400.0 A. @ 120/208V 1ø

SINGLE LINE DIAGRAM - EXISTING DISTRIBUTION PANEL "PP-1" (W.P.) - 120/208 1ø 3W (øA, øC)

NO SCALE



LOAD SUMMARY - "EP-2"

EP2-1	=	18.5 A.
EP2-2	=	18.5 A.
TOTAL	=	37.0 A. @ 120/208V 3ø

SINGLE LINE DIAGRAM - NEW DISTRIBUTION PANEL "EP-2" - 120/208 3ø 4W

NO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE 10045.1
NO. 85 46 88
DATE APR 03 1998

SINGLE LINE DIAGRAMS ON THIS SHEET	
AP-2	DP-2
PP-1	EP-2

BID SET

OSBORN
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

SINGLE LINE DIAGRAMS - DISTRIBUTION PANELBOARDS

AS BUILT DRAWINGS

SHEET NO:
E-8.4

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK
OF

PANEL "A" (1)(2)(3)(11)

E.G. BAR

VOLTAGE: 120/240V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 125A

FEEDER: EXIST. ENTERING CAB. AT: EXIST. MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
(7) 1	20	1		1	SOUTH SIDE EXTERIOR RECPT.	180	
(7) 2				1	NORTH SIDE EXTERIOR RECPT.	180	
3				2	WORK ROOM		360
4				1	WORK ROOM		180
5				6	SUPPLY AND WORK ROOM	1080	
6				3	OFFICE AND PRINCIPAL	540	
7				3	OFFICE AND PRINCIPAL		540
8				3	OFFICE AND PRINCIPAL		540
9				3	OFFICE AND HEATER ROOM	540	
10				4	HALL, LOUNGE, NURSE	720	
11				4	NURSE AND COUNSELOR		720
12				3	HALL, LOUNGE, NURSE		540
13				3	COUNSELOR AND LOUNGE	540	
14				1	LOUNGE	180	
15				1	LOUNGE		180
16				2	IDF-A		360
17			18		ROOMS 413, 405, 406, 401	1250	
18			9		ROOMS 407, 404, 403, TOILET	900	
19			14		ROOMS 412, 411, 410, 409, 408		1300
(7) 20				2	ROOF RECEPTACLES		360
21			1		ROOM 416	100	
22				1	FACP	500	
● 23			3		OUTSIDE LIGHTS		300
24			4		EXTERIOR LIGHTS		280
25			5		COVERED WALK	350	
26					SPARE	–	
27							–
28							–
29						–	
30						–	
31							–
32							–
33						–	
34						–	
35							–
36							–
37					SPACE	–	
38						–	
39							–
40							–
41						–	
42						–	
WATTS –						7060	5660

AMPERES 57.7A @ 120/208V 1ø

TOTAL WATTS 12,720W + 1,120W LCL = 13,840W

● CIRCUIT CONTROLLED BY TIME SWITCH.

PANEL "B" (1)(2)(3)(11)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 150A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
1	20	1	12		CLASSROOM 520	1200	
2			12		CLASSROOM 506	1200	
3			12		CLASSROOM 519		1200
4			12		CLASSROOM 507		1200
5			7	–	RMS. 501, 502, 503, 504, 505	420	
6					SPARE	360	
7				3	ROOM 502, 520		540
8				6	ROOM 505, 506, 504, 505, 503		1000
9				3	ROOM 519, 518	540	
10				3	ROOM 507, 508	540	
11				3	ROOM 520		540
12				3	ROOM 519		540
13				2	ROOM 520	360	
14				2	ROOM 519	360	
15				2	ROOM 518		360
16				3	ROOM 508		540
17				3	ROOM 518	540	
18				2	ROOM 508	360	
19				2	ROOM 507		360
20				2	ROOM 506		360
21				3	ROOM 507	540	
22				3	ROOM 506	540	
23				1	TOILET 501		180
24			3		EXTERIOR		210
25			4		EXTERIOR	280	
26				3	EXTERIOR	540	
● 27			1		EXTERIOR – FLOOD		250
28					SPARE		–
29						–	
30						–	
31							–
32							–
33						–	
34						–	
35							–
36							–
37						–	
38						–	
39							–
40							–
41						–	
42						–	
WATTS						7780	7360

AMPERES 69.3A @ 120/208V 1ø

TOTAL WATTS 15,140W + 1,490W LCL = 16,630W

● CIRCUIT CONTROLLED BY TIME SWITCH.

PANEL "B1" (1)(2)(3)(11)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 175A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
1	20	1	12		CLASSROOM 510	1200	
2			12		CLASSROOM 516	1200	
3			12		CLASSROOM 509		1200
4			12		CLASSROOM 517		1200
5			12		CLASSROOM 508	1200	
6			12		CLASSROOM 518	1200	
7			7		RMS. 511,512,513,514,515		420
8				4	RMS. 511,513,514,515 & EXTERIOR		720
9				2	ROOM 510	360	
10				2	ROOM 516	360	
11				2	ROOM 509		360
12				3	ROOM 517,518		540
13				1	ROOM 508	180	
(7) 14				6	ROOF	1080	
15				1	ROOM 513		500
16				1	ROOM 512		500
17	30	2		1	INSTANTANEOUS WATER HEATER	2250	
18	20	1		4	BACKBOARD RROOM 512	720	
19	–	–		–			2250
20	20	1		4	BACKBOARD & IDF RM. 512		720
21				1	FIRE ALARM TRANSPONDER "XP-B"	500	
22				3	ROOM 517	540	
23				3	ROOM 509		540
24				2	ROOM 517		360
25				2	ROOM 509	360	
26				3	ROOM 516	540	
27				3	ROOM 510		540
28				2	ROOM 516		360
29				2	ROOM 510	360	
30				5	ROOF RECEPTCLES	900	
31		3			EXTERIOR		210
32		4			EXTERIOR		280
33				4	EXTERIOR	720	
● 34		3			EXTERIOR – FLOODS	750	
35					SPARE		–
36							–
37						–	
38						–	
39							–
40							–
41						–	
42						–	
WATTS –						14420	10700

AMPERES 113.8A @ 120/208V 1ø

TOTAL WATTS 25,120W + 2,215W LCL = 27,335W

● CIRCUIT CONTROLLED BY TIME SWITCH

PANEL "G" (1)(2)(3)(11)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 200A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
1	20	1	–	2	KITCHEN & EXTERIOR	360	–
2			–	2	KITCHEN	360	–
3			–	4	STORAGE AND KITCHEN	–	720
4			–	1	HOT FOOD CABINET – DROP CORD	–	1500
5			–	3	KITCHEN – SOUTH AND EAST WALLS	540	–
6	30	2	–	1	HOT FOOD PANS	200	–
7	20	1	–	2	CASH REGISTER AND COOLER	–	360
8	–	–	–			–	2500
9	30	1	–	1	REFRIGERATOR 1/2 HP	1180	
10	20	2	–	1	FREEZER 3/4 HP	790	–
11	30	1	–	1	CONVECTION OVEN 3/4 HP	–	1660
12	–	–	–	1		–	790
13	30	1	–	1	CONVECTION OVEN 3/4 HP	1660	–
14	30	1	–	1	AIR CURTAIN (FLY FAN) AD-1, 1/2 HP	1180	–
15	30	1	–	1	AIR CURTAIN (FLY FAN) AD-3, 1/2 HP	–	1180
16	30	1	–	1	AIR CURTAIN (FLY FAN) AD-2, 1/2 HP	–	1180
17	20	1	–	5	CUSTODIAN, UTILITY, TOILET, DRESING	900	–
18			–	1	2-1/12 HP MOTOR	520	–
19			–	1	DESK – KITCHEN	–	500
20			–	1	HOT FOOD CABINET	–	1500
21			–	4	CORRIDOR, STORAGE, EXTERIOR	720	–
22			–	2	KITCHEN AND STORAGE	360	–
23	30	2	–	1	GARBAGE DISPOSER	–	1144
24	20	1	14	–	ROOMS 209, 210, 211, 212, 213, 214, 215	–	1050
25	–	–	–			1144	–
26	20	1	15	–	KITCHEN AND ROOM 208	1400	–
● 27	20	1	4	–	EXTERIOR CANOPY – NIGHT LIGHTS	–	500
28	30	1	–	1	EXHAUST FAN EF-1	–	1660
29	20	1	7	–	EXTERIOR CANOPY	875	–
30			4	–	COVERED WALK	280	–
● 31			3	–	EXTERIOR FLOODS	–	750
32			3	–	HOOD	–	540
33			–	–	SPARE	–	–
34			–	–		–	–
35			–	–		–	–
36			–	–		–	–
37			–	–		–	–
38			–	–		–	–
39			–	–		–	–
40			–	–		–	–
41			–	–		–	–
42			–	–		–	–
WATTS –						14769	17534
AMPERES 140.2A @ 120/208V 1ø						–	–
TOTAL WATTS 32,303W + 1349W LCL = 33,652W							

● CIRCUIT CONTROLLED BY TIME SWITCH

PANEL "C" (1)(2)(3)(11)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 175A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
1	20	1	12	–	CLASSROOM 318	1200	–
2			12	–	CLASSROOM 306	1200	–
3			12	–	CLASSROOM 317	–	1200
4			12	–	CLASSROOM 307	–	1200
5			7	–	RMS. 301, 302, 303, 304, 305	420	–
6			–	2	RMS. 304, 305	360	–
7			–	3	RMS. 301, 302, 303	–	540
8			–	2	RM. 306	–	360
9			–	2	RM. 318	360	–
10			–	3	RMS. 307, 308	540	–
11			–	3	RMS. 317, 316	–	540
12			–	2	ROOM 317	–	360
13			–	3	ROOM 318	540	–
14			–	3	ROOM 317	540	–
15			–	2	ROOM 318	–	360
16			–	3	ROOM 306	–	540
17			–	2	ROOM 307	360	–
18			–	2	ROOM 306	360	–
19			–	3	ROOM 307	–	540
20			6	–	EXTERIOR	–	420
21			6	–	EXTERIOR	420	–
22			–	2	EXTERIOR	360	–
23			–	1	EXTERIOR	–	500
● 24			1	–	EXTERIOR – FLOOD	–	250
25			–	–	SPARE	–	–
● 26			1	–	EXTERIOR – FLOOD	250	–
27			3	–	COVERED WALK	–	210
28			–	–	SPARE	–	–
29			–	–		–	–
30			–	–		–	–
31			–	–		–	–
32			–	–		–	–
33			–	–		–	–
34			–	–		–	–
35			–	–		–	–
36			–	–		–	–
37			–	–	SPACE	–	–
38			–	–		–	–
39			–	–		–	–
40			–	–		–	–
41			–	–		–	–
42			–	–		–	–
WATTS –						6910	7020

AMPERES 65.1A @ 120/208V 1ø

TOTAL WATTS 13,930W + 1,693W LCL = 15,623W

● CIRCUIT CONTROLLED BY TIME SWITCH

PANEL "C1" (1)(2)(3)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAINBREAKER AMPS: 125A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
1	20	1	12	–	CLASSROOM 315	1200	–
2			12	–	CLASSROOM 309	1200	–
3			12	–	CLASSROOM 316	–	1200
4			12	–	CLASSROOM 308	–	1200
5			7	–	RMS. 310, 311, 312, 313, 314	420	–
6			–	1	EXTERIOR	500	–
7			–	2	RMS. 309, 311	–	360
8			–	4	RMS. 310, 312, 313, 314	–	720
9			–	2	RMS. 308, 309	360	–
10			–	3	RMS. 315, 316	540	–
(7) 11			–	4	ROOF	–	720
12	30	2	–	1	INSTANTANEOUS WATER HEATER	–	2250
13	20	1	–	4	BACKBOARD ROOM 311	720	–
14	–	–	–	–		2250	–
15	20	1	–	4	BACKBOARD & IDF ROOM 311	–	720
16	20	1	–	1	FIRE ALARM TRANSPONDER "XP-C"	–	500
17			–	3	ROOM 316	540	–
18			–	2	ROOM 315	360	–
19			–	2	ROOM 316	–	360
20			–	3	ROOM 315	–	540
21			–	2	ROOM 308	360	–
22			–	3	ROOM 309	540	–
23			–	3	ROOM 308	–	540
24			–	2	ROOM 309	–	360
25			–	4	ROOF RECEPTACLES	720	–
26			–	1	EXTERIOR	500	–
27			–	1	EXTERIOR	–	500
28			–	–	SPARE	–	–
29			–	–		–	–
30			–	–		–	–
31			–	–		–	–
32			–	–		–	–
33			–	–		–	–
34			–	–		–	–
35			–	–		–	–
36			–	–		–	–
37			–	–	SPACE	–	–
38			–	–		–	–
39			–	–		–	–
40			–	–		–	–
41			–	–		–	–
42			–	–		–	–
WATTS						10210	9970

AMPERES 89.5A @ 120/208V 1ø

TOTAL WATTS 20,180W + 1,305W LCL = 21,485W

PANEL "E" (1)(2)(3)(11)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 125A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
(7) 1	20	1	–	2	ROOF	360	–
2			–	4	CLASSROOMS & EXTERIOR	720	–
3			–	2	TOILET ROOMS	–	360
4			–	2	CLASSROOMS	–	360
5			–	2	CLASSROOMS	360	–
6			–	1	EXTERIOR	500	–
7			–	1	EXTERIOR	–	500
8			12	–	CLASSROOM #1	–	1200
9			4	–	TOILET, ELECT. ROOMS	240	–
10			12	–	CLASSROOM #2	1200	–
11			–	4	BACKBOARD	–	720
12			–	1	FIRE ALARM TRANSPONDER "XP-E"	–	500
13			–	2	BACKBOARD & IDF	360	–
14			–	2	KINDERGARTEN #1	360	–
15			–	2	KINDERGARTEN #2	–	360
16			–	2	KINDERGARTEN #1	–	360
17			–	2	KINDERGARTEN #2	360	–
18			7	–	EXTERIOR	490	
● 19			3	–	COVERED WALK	–	210
● 20			2	–	EXTERIOR FLOODS	–	500
21			–	–	SPARE	–	–
22			–	–		–	–
23			–	–		–	–
24			–	–		–	–
25			–	–		–	–
26			–	–		–	–
27			–	–		–	–
28			–	–		–	–
29			–	–		–	–
30			–	–		–	–
31			–	–	SPACE	–	–
32			–	–		–	–
33			–	–		–	–
34			–	–		–	–
35			–	–		–	–
36			–	–		–	–
37			–	–		–	–
38			–	–		–	–
39			–	–		–	–
40			–	–		–	–
41			–	–		–	–
42			–	–		–	–
WATTS –						4950	5070
AMPERES 45.8A @ 120/208V 1ø						–	–
TOTAL WATTS 10,020W + 960W LCL = 10,980W							

● CIRCUIT CONTROLLED BY TIME SWITCH

PANEL "G1" (1)(2)(3)

E.G. BAR

VOLTAGE: 120/208V 1ø 3W BUS AMPS: 225A MAIN BREAKER AMPS: 200A

FEEDER: EXIST. ENTERING CAB. AT: BOTTOM MTG: FLUSH LOCATION: 1ST FLOOR

CIR. NO.	BREAKER AMP	BREAKER PL	LIGHT'G OUTLETS	RECEPTS & OTHER OUTLETS	DESCRIPTION	LOAD IN WATTS BUS 1	LOAD IN WATTS BUS 2
(7) 1	20	1	–	1	ROOF	500	–
2			6	–	RMS. 203, 204, 205, 206	780	–
3			6	–	PLATFORM	–	1080
4			5	–	FOYER, 201, 202	–	660
5			8	–	PLATFORM AND EXTERIOR	1440	–
6			–	1	MULTIPURPOSE ROOM	500	–
7			–	3	MULTIPURPOSE ROOM	–	540
8			–	4	MULTIPURPOSE ROOM & EXTERIOR	–	720
9			–	3	TOILETS & M.P. ROOM	540	–
10			–	3	CUSTODIAN, STORAGE & M.P. ROOM	540	–
11			–	4	PLATFORM AND EXTERIOR	–	720
12			–	2	CHAIR STORAGE & H.C. LIFT AREA	–	360
13			–	1	PLATFORM – STAGE RIGHT	500	–
14			–	3	PLATFORM – FLOOR	540	–
15			–	1	PLATFORM	–	500
16			–	3	PLATFORM – STEPS	–	540
17			–	2	CORRIDOR & EXTERIOR	360	–
18			7	–	EXIT SIGNS	35	–
19			–	2	DRESSING ROOM	–	360
20			–	4	BACKBOARD – UPPER LEVEL	–	720
21			–	1	FIRE ALARM TRANSPONDER "XP-D"	500	–
22			–	4	BACKBOARD & IDF – UPPER LEVEL	720	–
23			11	–	HOUSE LIGHTS	–	1100
24			11	–		–	1100
25			11	–		1100	–
26			11	–		1100	–
27			11	–		–	1100
28			11	–		–	1100
29			6	–	ROOMS 218, 219, EXTERIOR	450	–
30			3	–	HALL 216	540	–
31			2	–	ELECTRIC ROOM – UPPER LEVEL	–	150
32	30	1	–	1	H/C LIFT 3/4 HP	–	1660
33	20	1	–	1	AUTONOMOUS PUBLIC ADDRESS SYSTEM	500	–
34			–	–	SPARE	–	–
35			–	–		–	–
36			–	–		–	–
37			–	–		–	–
38			–	–		–	–
39			–	–		–	–
40	40	2	1	–	DIMMER RACK "DR"	–	2500
41	20	1	–	–	SPARE	–	–
42	–	–	–	–		2500	–
WATTS –						13145	14910
AMPERES 134.3A @ 120/208V 1ø						–	–
TOTAL WATTS 28,055W + 4175W LCL = 32,230W							

PANEL SCHEDULE SPECIAL NOTES

(1) PANEL SHALL BE COMPLETE WITH 200% RATED NEUTRAL BUS BAR. REFER TO SPECIFICATIONS.

(2) EXISTING PANELBOARD. REMOVE EXISTING COVER, INTERIOR, AND BACKBOX ENCLOSURE. INSTALL NEW PANEL COMPLETE PER SCHEDULE. RE-WORK EXISTING CONDUITS AND CONDUCTORS AS NECESSARY TO INSTALL NEW BACKBOX – LENGHTEN OR SHORTEN CONDUITS AS REQUIRED. CONTRACTOR SHALL RE-WORK EXISTING WALL FOR FLUSH PANELS, INCLUDING ENLARGING OPENING OR REDUCING SIZE OF OPENING, OR ADDING FURRING FOR DEEPER ENCLOSURE. REFER TO ARCHITECTURAL DRAWINGS FOR FURRING INFORMATION. ANY CIRCUITS THAT ARE NOT REMOVED BY DEMOLITION – EVEN IF NOT INDICATED ON THE SCHEDULE – SHALL BE INVESTIGATED AND RECONNECTED TO THE "SPARE" CIRCUIT BREAKERS AND SHALL BE NOTED ON THE "AS-BUILT" DRAWINGS.

(3) PANEL SHALL BE CONNECTED TO EXISTING FEEDER. SPLICE AND EXTEND EXISTING FEEDER CONDUCTORS AS REQUIRED TO MAKE CONNECTION TO NEW MAIN BREAKER OR NEW MAIN LUGS (AS APPLICABLE).

(4) NOTE OMITTED.

(5) NOTE OMITTED.

(6) NOTE OMITTED.

(7) THIS CIRCUIT BREAKER SHALL BE COMPLETE WITH BUILT-IN GROUND FAULT (GFCI) PROTECTION.

(8) NOTE OMITTED.

(9) NOTE OMITTED.

(10) NOTE OMITTED.

(11) PANEL SHALL BE COMPLETE WITH A TIME SWITCH MOUNTED IN A SEPARATE COMPARTMENT WITH A SEPARATE LOCKING DOOR. TIME SWITCH SHALL BE FURNISHED WITH PANEL BY PANEL MANUFACTURER.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100491
DATE APR 09 1998

PANEL SCHEDULES ON THIS SHEET			
A	B	B1	G
C	C1	E	G1
–	–	NOTES	
–	–		

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM

PHASE I

VALLEY VIEW ELEMENTARY SCHOOL

1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

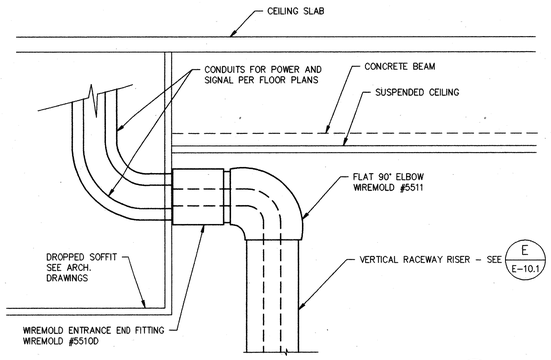
PANEL SCHEDULES

AS BUILT DRAWINGS

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

SHEET NO: E-9.1

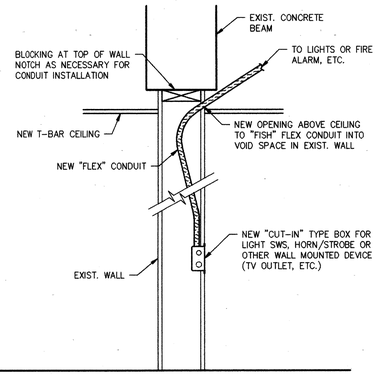
OF



SURFACE RACEWAY TERMINATION DETAIL (J / E-10.1)

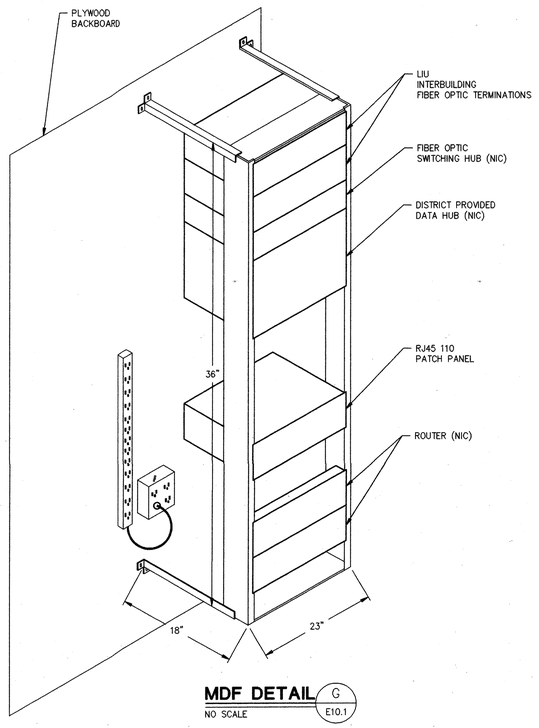
NO SCALE

THIS DETAIL APPLIES TO CLASSROOMS ON NORTH SIDE OF BUILDINGS "B" & "C"



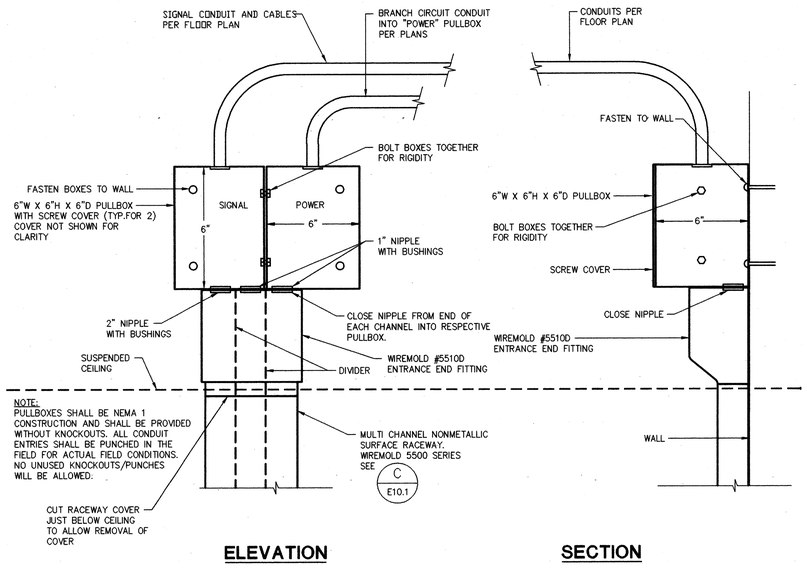
"CUT-IN" DEVICE DETAIL (H / E-10.1)

NO SCALE



MDF DETAIL (G / E10.1)

NO SCALE

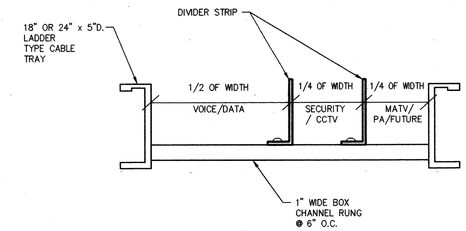


ELEVATION **SECTION**

SURFACE RACEWAY PULLBOX/CONDUIT ENTRY DETAIL (D / E10.1)

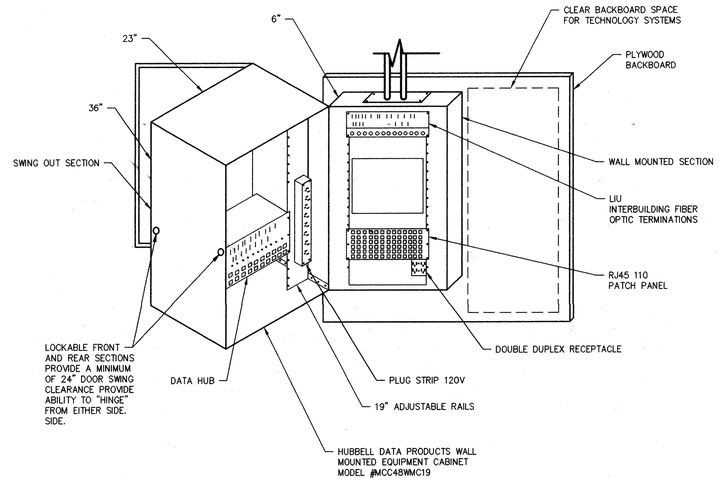
NO SCALE (APPROX 1/4"=1")

THIS DETAIL APPLIES TO CLASSROOMS ON THE SOUTH SIDE OF BUILDINGS "B" & "C" AND BUILDING "E"



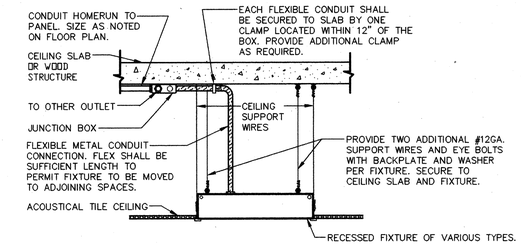
CABLE TRAY DIVIDER (E / E10.1)

NO SCALE



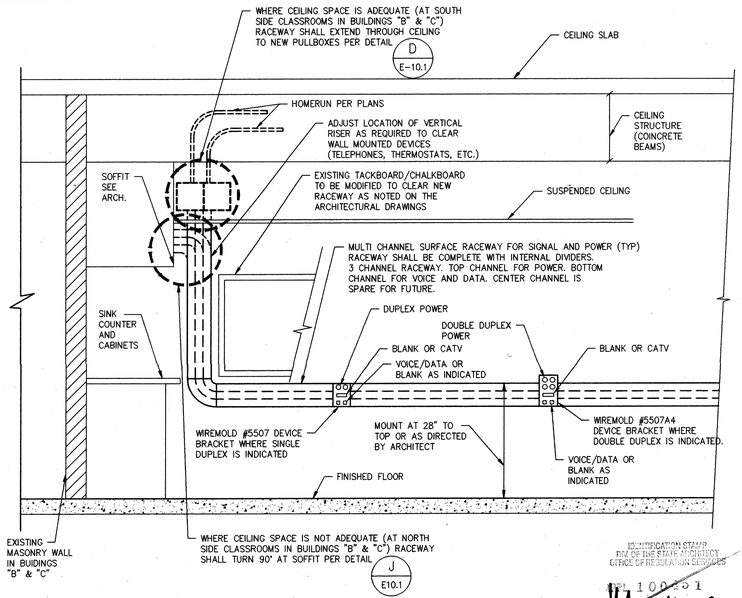
IDF DETAIL (F / E10.1)

NO SCALE



FIXTURE SUPPORT DETAIL (A / E10.1)

NO SCALE



PREWIRED SURFACE RACEWAY DETAIL (C / E10.1)

NO SCALE

IDENTIFICATION STAMP DIV OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APPL 100251
FLS fe CS
DATE APR 09 1998

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

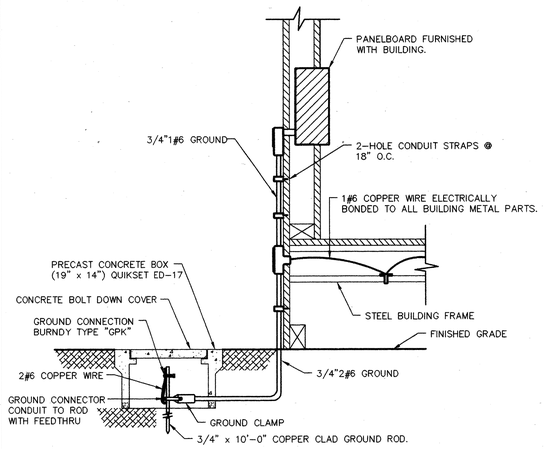
SHEET TITLE:

ELECTRICAL DETAILS

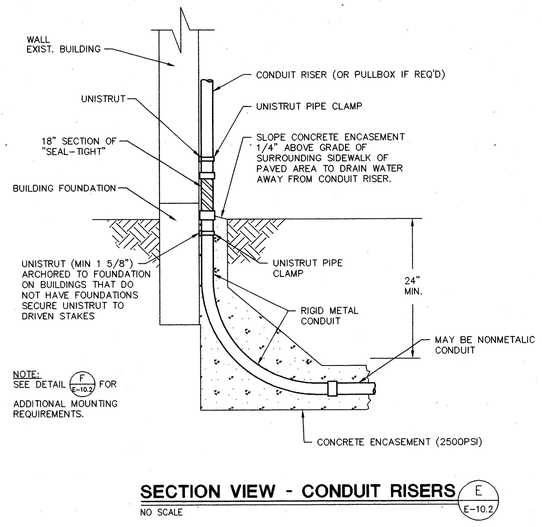
AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

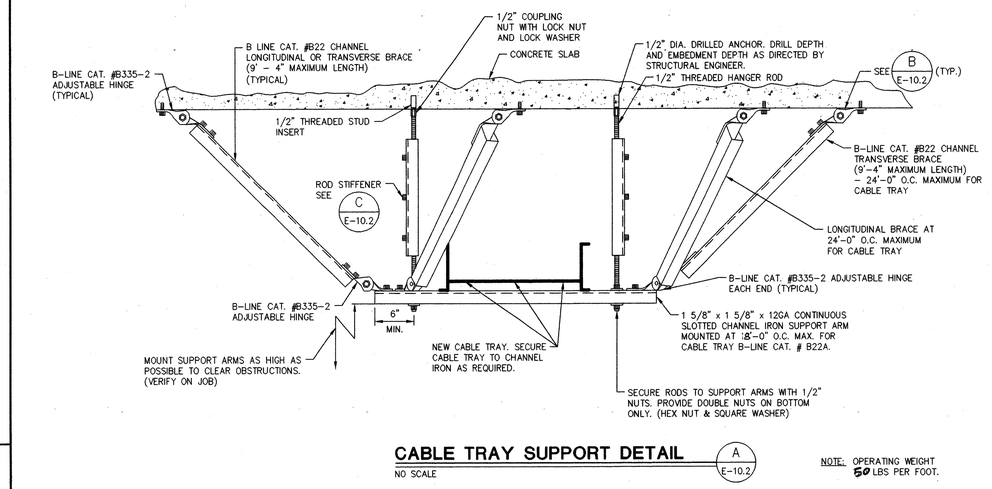
SHEET NO:
E-10.1
OF



SERVICE GROUND AND BOND DETAIL (H, E-10.2)
NO SCALE

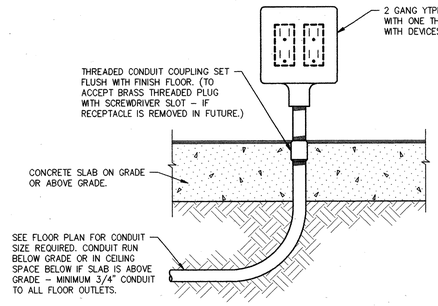


SECTION VIEW - CONDUIT RISERS (E, E-10.2)
NO SCALE

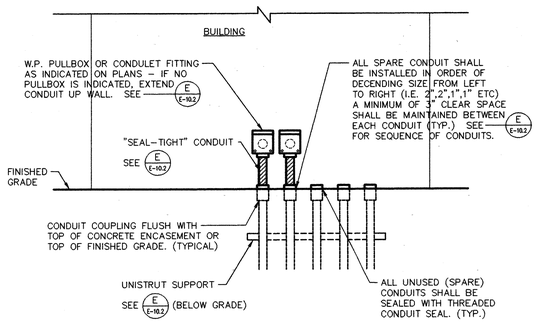


CABLE TRAY SUPPORT DETAIL (A, E-10.2)
NO SCALE

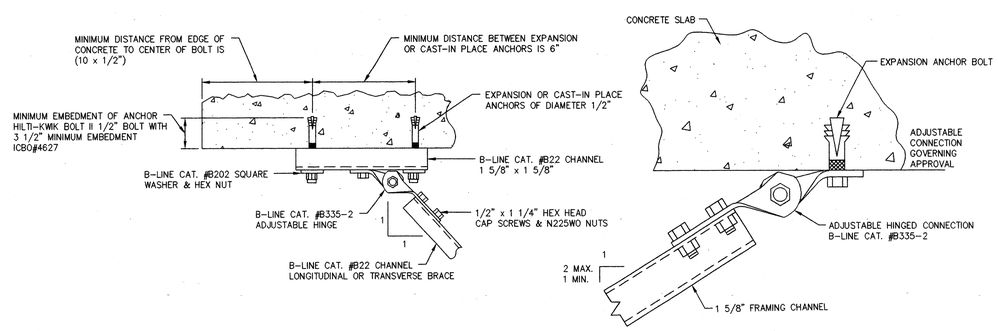
NOTE: OPERATING WEIGHT 50 LBS PER FOOT.



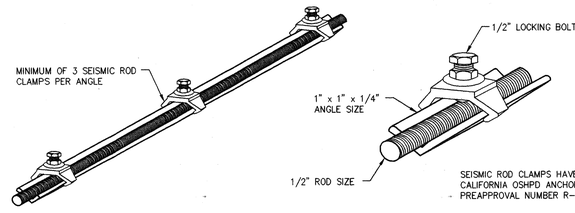
FLOOR OUTLET DETAIL (G, E-10.2)
NO SCALE



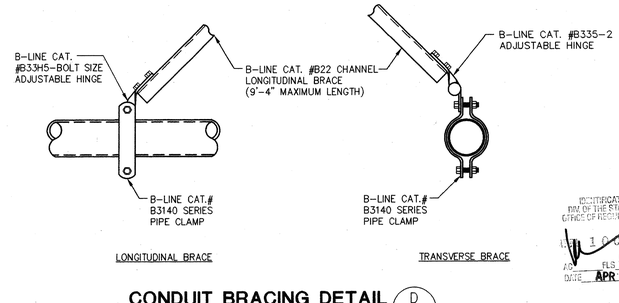
CONDUIT STUB-UP MOUNTING DETAIL (F, E-10.2)
NO SCALE



BRACING ATTACHMENT DETAIL (B, E-10.2)
NO SCALE



ROD STIFFENER DETAIL (C, E-10.2)
NO SCALE



CONDUIT BRACING DETAIL (D, E-10.2)
NO SCALE

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1.
2.
3.
4.
5.

SHEET TITLE:

ELECTRICAL DETAILS

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

SHEET NO:
E-10.2
OF

INSTALLATION AND LOCATIONS:

LOCATION POINTS FOR UTILITY IDENTIFICATION MARKERS WILL BE SET AS FOLLOWS:

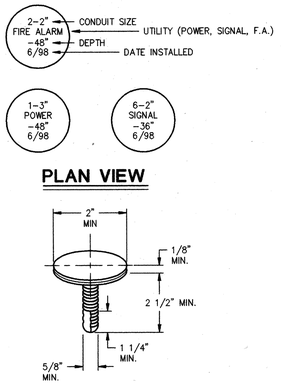
1. WHERE AN UNDERGROUND CONDUIT IS STUBBED OUT FOR FUTURE EXTENSION.
2. MARKER SHALL BE SET DIRECTLY OVER END OF CONDUIT STUB OUT.
3. SET TOP FLUSH WITH GROUND OR ASPHALT/CONCRETE PAVED SURFACE, IN VERTICAL POSITION, IN CONCRETE BASE NOT LESS THAN SIX INCHES IN DIAMETER BY TWELVE INCHES DEEP; ON CONCRETE SLABS CORE AND SET FLUSH IN GROUT.

MARKING: PRIOR TO INSTALLATION, UTILITY MARKERS WILL BE STEEL-STAMPED WITH 1/4 INCH LETTERS SIMILAR TO PLAN VIEW.

MARKER DESCRIPTION:

THE MARKER SHALL BE OF CAST BRONZE IN ONE PIECE AND FREE OF IMPERFECTIONS, SUBSTANTIALLY AS ILLUSTRATED.

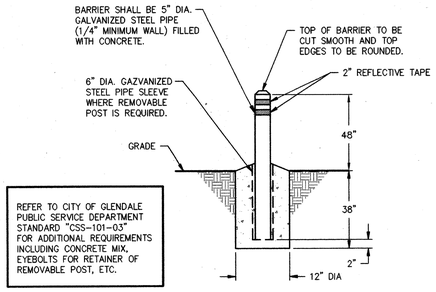
THE SHANK WILL BE CORRUGATED AND FLATTENED TO PREVENT THE MONUMENT'S ROTATION OR REMOVAL ONCE IT HAS BEEN SET IN CONCRETE.



PLAN VIEW

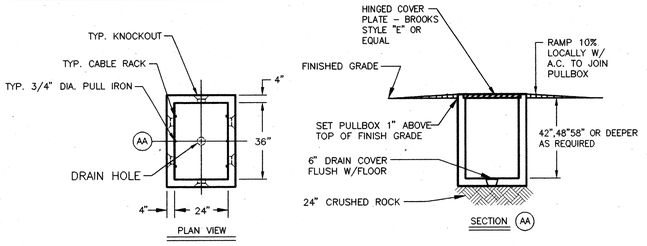
BRONZE UTILITY MARKER (H, E-10.3)

NO SCALE



PROTECTIVE BARRIER (G, E-10.3)

NO SCALE

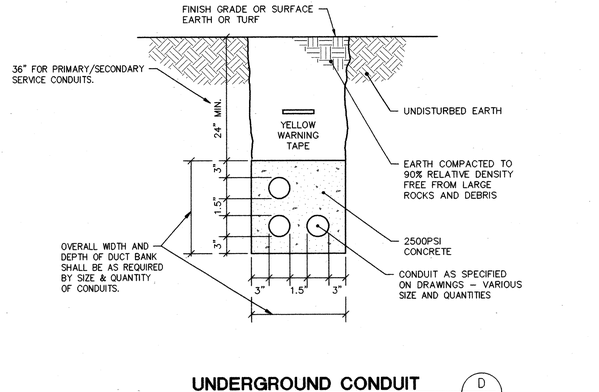


NOTES:

1. PRECAST CONCRETE PULLBOX SHALL BE BROOKS 100FPB(2'x3') SERIES AND 400DPB (3'x5') SERIES OR EQUAL BY QUICKSET. PULLBOX SHALL BE COMPLETE WITH STAINLESS STEEL FLATHEAD SCREWS AND SELF CLEANING HOLES. PROVIDE CABLE RACKS ON WALLS INDICATED. EACH RACK SHALL BE EQUIPPED WITH THREE (3) PORCELAIN CABLE HOLDERS ON VERTICAL STEEL MOUNTING BAR. STEEL COVER PLATES SHALL BE "ALGRID" AS MANUFACTURED BY "SAFE-WALK INC." AND SHALL CONFORM TO ASTMA-36 AND BE GALVANIZED. COVER SHALL BE RATED FOR HEAVY VEHICULAR TRAFFIC.
2. 2'x3' PULLBOX SHOWN - 3'x5' PULLBOX IS SIMILAR.
3. SEE (F, E-10.3) E-10.3 FOR MULTIPLE PULLBOX INSTALLATION.

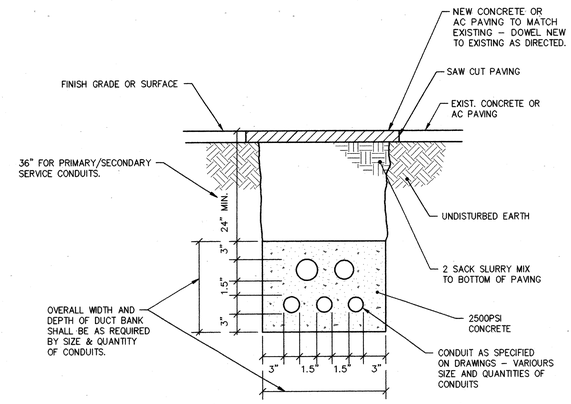
UNDERGROUND PULLBOX DETAIL (A, E-10.3)

NO SCALE



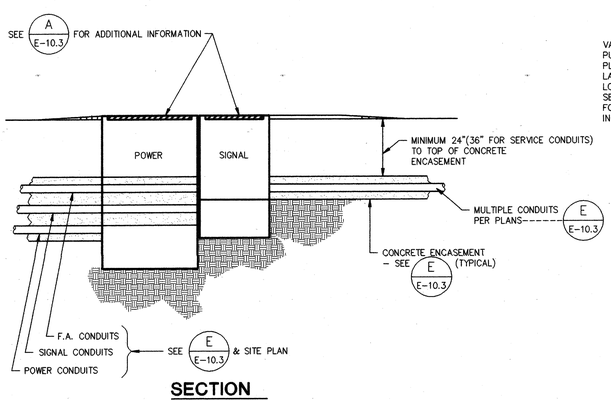
UNDERGROUND CONDUIT DETAIL AT UNPAVED AREAS (D, E-10.3)

NO SCALE



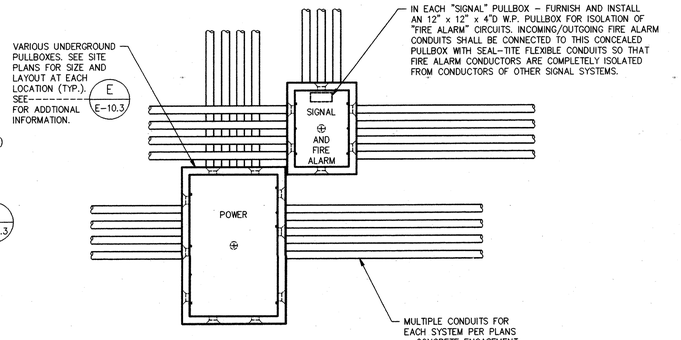
UNDERGROUND CONDUIT DETAIL AT PAVED AREAS (E, E-10.3)

NO SCALE



SECTION

NO SCALE



PLAN VIEW

NO SCALE

MULTIPLE PULLBOX "CLUSTER" DETAIL (F, E-10.3)

NO SCALE

VERIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 100451
FILE 65
DATE APR 09 1998

BID SET

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

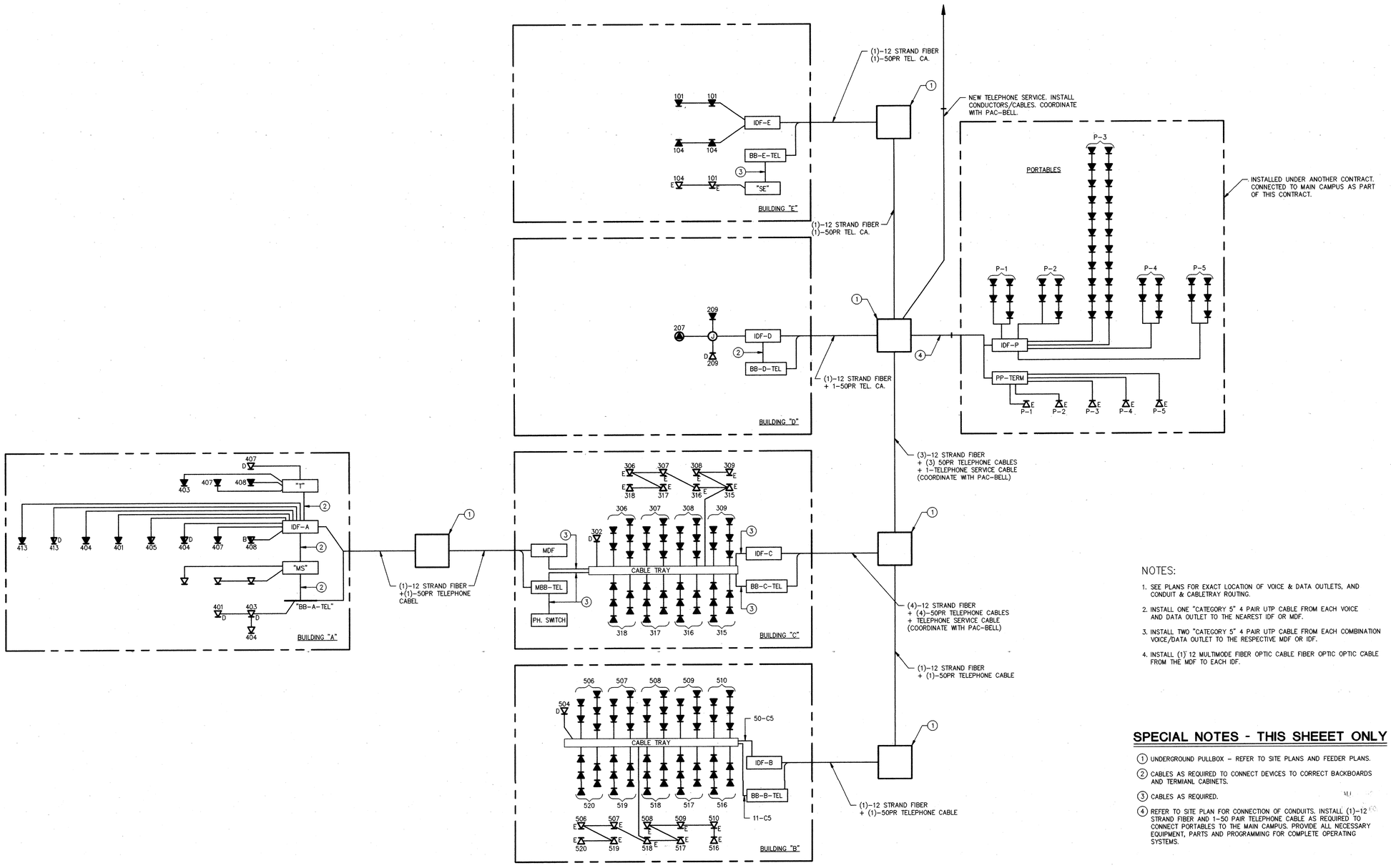
SHEET TITLE:

ELECTRICAL DETAILS

AS BUILT DRAWING

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

SHEET NO:
E-10.3
OF



DATA AND VOICE SYSTEMS - RISER DIAGRAM

NO SCALE

NOTES:

1. SEE PLANS FOR EXACT LOCATION OF VOICE & DATA OUTLETS, AND CONDUIT & CABLETRAY ROUTING.
2. INSTALL ONE "CATEGORY 5" 4 PAIR UTP CABLE FROM EACH VOICE AND DATA OUTLET TO THE NEAREST IDF OR MDF.
3. INSTALL TWO "CATEGORY 5" 4 PAIR UTP CABLE FROM EACH COMBINATION VOICE/DATA OUTLET TO THE RESPECTIVE MDF OR IDF.
4. INSTALL (1) 12 MULTIMODE FIBER OPTIC CABLE FIBER OPTIC OPTIC CABLE FROM THE MDF TO EACH IDF.

SPECIAL NOTES - THIS SHEEET ONLY

(1) UNDERGROUND PULLBOX - REFER TO SITE PLANS AND FEEDER PLANS.

(2) CABLES AS REQUIRED TO CONNECT DEVICES TO CORRECT BACKBOARDS AND TERMIANL CABINETS.

(3) CABLES AS REQUIRED.

(4) REFER TO SITE PLAN FOR CONNECTION OF CONDUITS. INSTALL (1)-12 STRAND FIBER AND 1-50 PAIR TELEPHONE CABLE AS REQUIRED TO CONNECT PORTABLES TO THE MAIN CAMPUS. PROVIDE ALL NECESSARY EQUIPMENT, PARTS AND PROGRAMMING FOR COMPLETE OPERATING SYSTEMS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILED
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

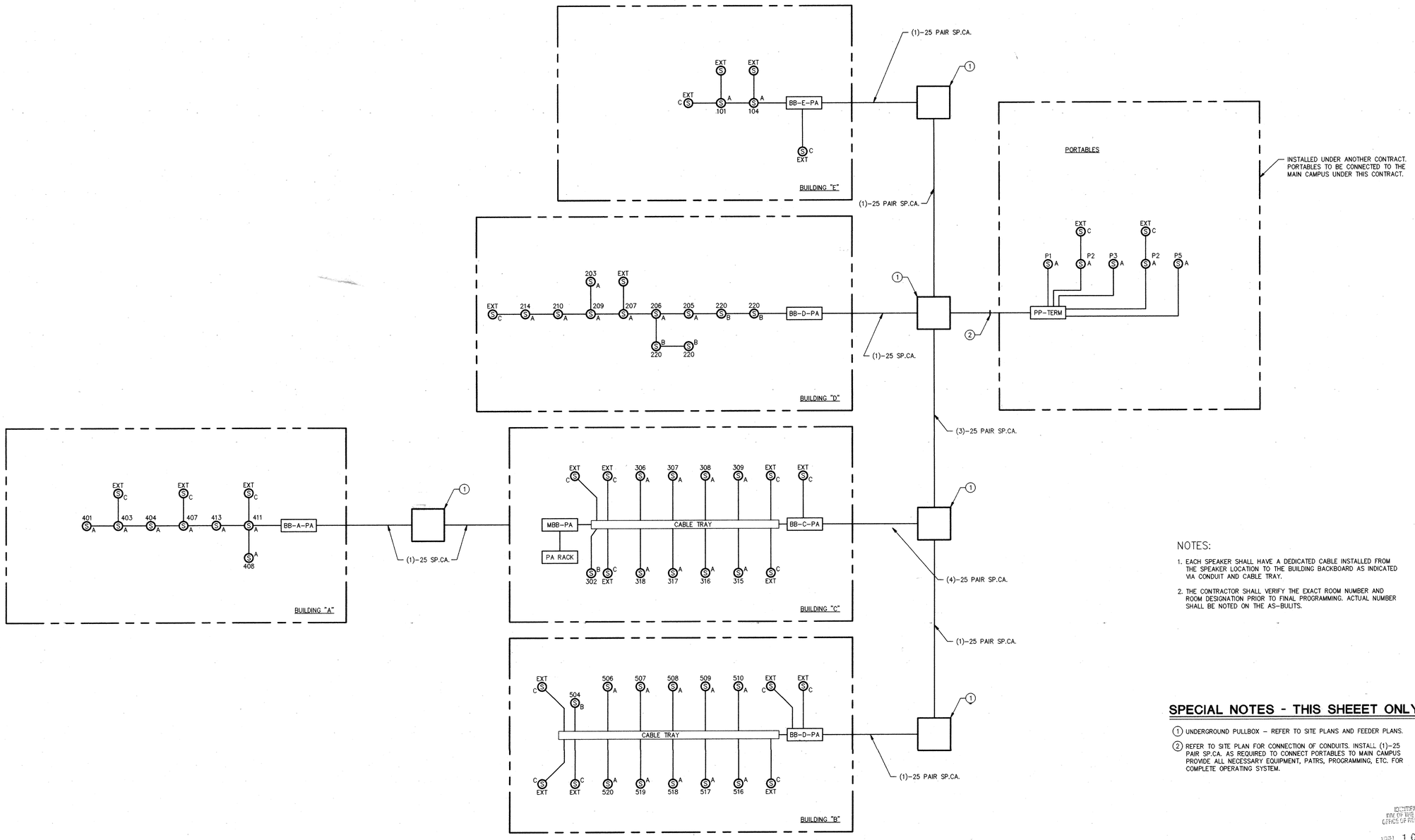
SHEET TITLE:

RISER DIAGRAM - DATA AND VOICE

AS BUILT DRAWINGS

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

SHEET NO:
E-11.1
OF



DATA AND VOICE SYSTEMS - RISER DIAGRAM

NO SCALE

NOTES:

1. EACH SPEAKER SHALL HAVE A DEDICATED CABLE INSTALLED FROM THE SPEAKER LOCATION TO THE BUILDING BACKBOARD AS INDICATED VIA CONDUIT AND CABLE TRAY.
2. THE CONTRACTOR SHALL VERIFY THE EXACT ROOM NUMBER AND ROOM DESIGNATION PRIOR TO FINAL PROGRAMMING. ACTUAL NUMBER SHALL BE NOTED ON THE AS-BULITS.

SPECIAL NOTES - THIS SHEEET ONLY

(1) UNDERGROUND PULLBOX – REFER TO SITE PLANS AND FEEDER PLANS.

(2) REFER TO SITE PLAN FOR CONNECTION OF CONDUITS. INSTALL (1)-25 PAIR SP.CA. AS REQUIRED TO CONNECT PORTABLES TO MAIN CAMPUS PROVIDE ALL NECESSARY EQUIPMENT, PATRS, PROGRAMMING, ETC. FOR COMPLETE OPERATING SYSTEM.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 10045.1
FLS SS
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

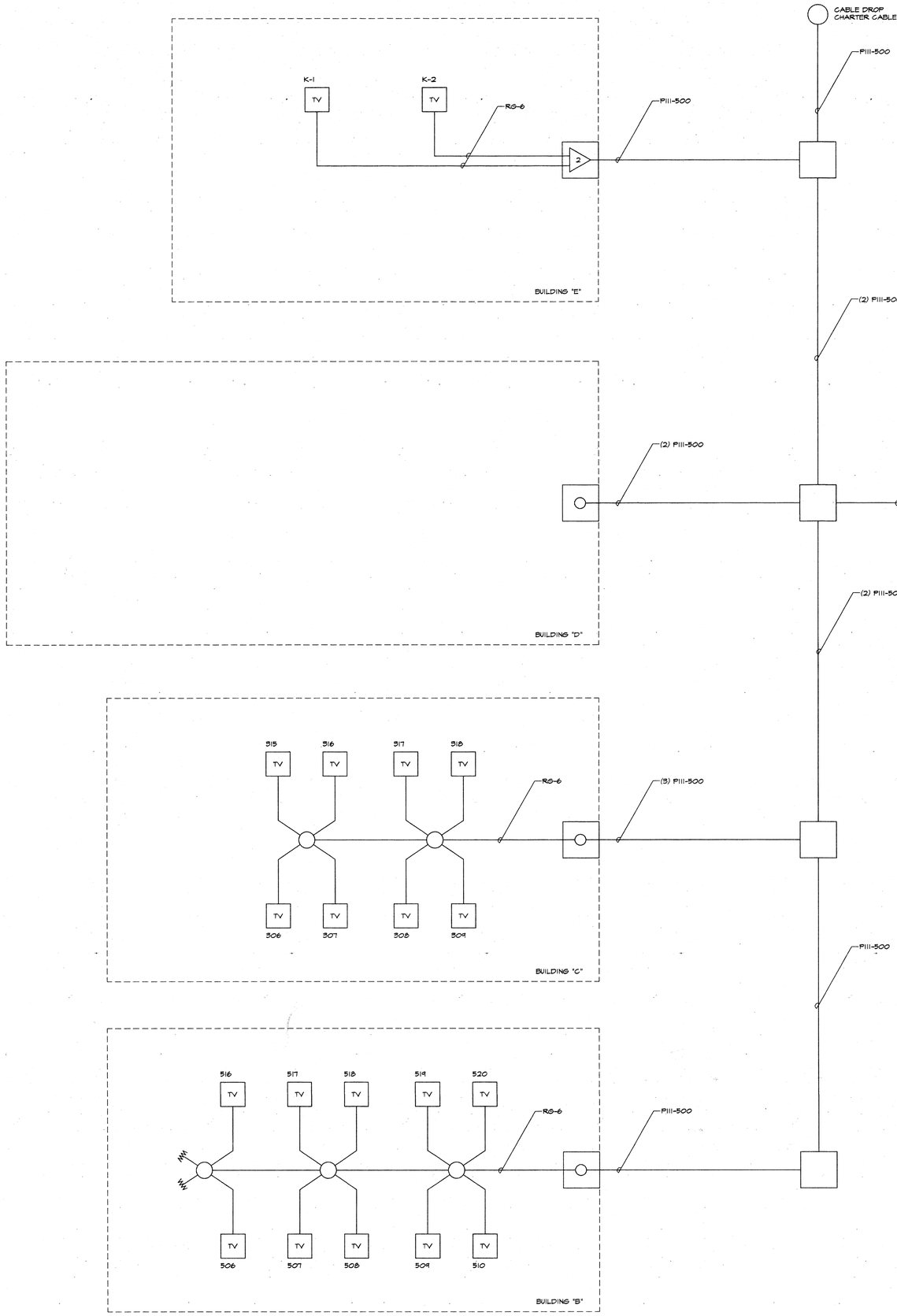
SHEET TITLE:

RISER DIAGRAM - PA AND INTERCOM

AS BUILT DRAWINGS

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: AM
CHECKED BY: JK

SHEET NO:
E-11.2
OF



NOTES AND SYMBOLS

DIRECTIONAL COUPLERS (TAP OFF)

ROOM NUMBER
TV

TV OUTLET - SIGNAL LEVEL 10dB @ EA. OUTLET

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PROJECT TITLE

GLENDALE UNIFIED
SCHOOL DISTRICT
MODERNIZATION PLAN
IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW
ELEMENTARY
SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

SIGNAL SYSTEMS
RISER DIAGRAM -
CATV SYSTEM

KEY PLAN:

SHEET NO:

SCALE: NTS
DATE: 11-05-99
JOB NO: 9748.03
DRAWN BY: MF
CHECKED BY:

E-11.3

OF

VALLEY VIEW–HORN CIRCUIT VOLTAGE DROPS

BUILDING "A" – MAIN

DEVICE	DEVICE CURRENT (AMPS)	HORN CIRCUIT (A1) QTY	HORN CIRCUIT (A1) CURRENT	QTY	CURRENT	QTY	CURRENT
HORN MA–24	0.044	6	0.264				
TOTAL CURRENT ON CIRCUIT		0.264 AMPS					
TOTAL WIRE LENGTH		380 FT.					
% VOLTAGE DROP		1.38 %					
WIRE SIZE		#12 AWG					
CIRCUIT LOCATION		MAIN					

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW–HORN CIRCUIT VOLTAGE DROPS

BUILDING "B" – XP–B

DEVICE	DEVICE CURRENT (AMPS)	HORN CIRCUIT (B1) QTY	HORN CIRCUIT (B1) CURRENT	HORN CIRCUIT (B2) QTY	HORN CIRCUIT (B2) CURRENT	HORN CIRCUIT (B3) QTY	HORN CIRCUIT (B3) CURRENT
HORN MA–24	0.044	6	0.264	6	0.264	6	0.264
TOTAL CURRENT ON CIRCUIT		0.264 AMPS		0.2646 AMPS		0.264 AMPS	
TOTAL WIRE LENGTH		395 FT.		335 FT.		275 FT.	
% VOLTAGE DROP		1.43 %		1.21 %		1.0 %	
WIRE SIZE		#12 AWG		#12 AWG		#12 AWG	
CIRCUIT LOCATION		XP–B		XP–B		XP–B	

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW–HORN CIRCUIT VOLTAGE DROPS

BUILDING "C" – XP–C

DEVICE	DEVICE CURRENT (AMPS)	HORN CIRCUIT (C1) QTY	HORN CIRCUIT (C1) CURRENT	HORN CIRCUIT (C2) QTY	HORN CIRCUIT (C2) CURRENT	HORN CIRCUIT (C3) QTY	HORN CIRCUIT (C3) CURRENT
HORN MA–24	0.044	7	0.31	4	0.176	5	0.22
TOTAL CURRENT ON CIRCUIT		0.31 AMPS		0.176 AMPS		0.22 AMPS	
TOTAL WIRE LENGTH		395 FT.		360 FT.		280 FT.	
% VOLTAGE DROP		1.69 %		0.87 %		0.85 %	
WIRE SIZE		#12 AWG		#12 AWG		#12 AWG	
CIRCUIT LOCATION		XP–C		XP–C		XP–C	

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW–HORN CIRCUIT VOLTAGE DROPS

BUILDING "D" – XP–D

DEVICE	DEVICE CURRENT (AMPS)	HORN CIRCUIT (D1) QTY	HORN CIRCUIT (D1) CURRENT	HORN CIRCUIT (D2) QTY	HORN CIRCUIT (D2) CURRENT	CIRCUIT (D3) QTY	CIRCUIT (D3) CURRENT
HORN MA–24	0.044	6	0.264	2	0.088		
TOTAL CURRENT ON CIRCUIT		0.264 AMPS		0.088 AMPS			
TOTAL WIRE LENGTH		245 FT.		295 FT.			
% VOLTAGE DROP		0.89 %		0.35 %			
WIRE SIZE		#12 AWG		#12 AWG			
CIRCUIT LOCATION		XP–D		XP–D			

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW–HORN CIRCUIT VOLTAGE DROPS

BUILDING "E" – XP–E

DEVICE	DEVICE CURRENT (AMPS)	HORN CIRCUIT (E1) QTY	HORN CIRCUIT (E1) CURRENT	HORN CIRCUIT (E2) QTY	HORN CIRCUIT (E2) CURRENT	QTY	CURRENT
HORN MA–24	0.044	5	0.22	2	0.088		
TOTAL CURRENT ON CIRCUIT		0.22 AMPS		0.088 AMPS			
TOTAL WIRE LENGTH		225 FT.		45 FT.			
% VOLTAGE DROP		0.68 %		0.05 %			
WIRE SIZE		#12 AWG		#12 AWG			
CIRCUIT LOCATION		XP–E		XP–E			

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW–STROBE CIRCUIT VOLTAGE DROPS

BUILDING "A" – MAIN

DEVICE	DEVICE CURRENT (AMPS)	STROBE CIRCUIT (A1) QTY	STROBE CIRCUIT (A1) CURRENT	QTY	CURRENT	QTY	CURRENT
SS2415 STROBE 15 cd	0.075	9	0.675				
SS2475 STROBE 75 cd	0.170	3	0.51				
SS24110 STROBE 110 cd	0.210						
TOTAL CURRENT ON CIRCUIT		1.185 AMPS					
TOTAL WIRE LENGTH		430 FT.					
% VOLTAGE DROP		7.0 %					
WIRE SIZE		#12 AWG					
CIRCUIT LOCATION		MAIN					

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW – STROBE CIRCUIT VOLTAGE DROPS

BUILDING "B" – XP–B

DEVICE	DEVICE CURRENT (AMPS)	STROBE CIRCUIT (B1) QTY	STROBE CIRCUIT (B1) CURRENT	STROBE CIRCUIT (B2) QTY	STROBE CIRCUIT (B2) CURRENT	STROBE CIRCUIT (B3) QTY	STROBE CIRCUIT (B3) CURRENT
SS2415 STROBE 15 cd	0.075	4	0.3	3	0.225	3	0.225
SS2475 STROBE 75 cd	0.170	4	0.68	2	0.34	5	0.85
SS24110 STROBE 110 cd	0.210	0		0		0	
TOTAL CURRENT ON CIRCUIT		0.98 AMPS		0.565 AMPS		1.075 AMPS	
TOTAL WIRE LENGTH		395 FT.		335 FT.		275 FT.	
% VOLTAGE DROP		5.33 %		2.6 %		4.0 %	
WIRE SIZE		#12 AWG		#12 AWG		#12 AWG	
CIRCUIT LOCATION		XP–B		XP–B		XP–B	

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW – STROBE CIRCUIT VOLTAGE DROPS

BUILDING "C" – XP–C

DEVICE	DEVICE CURRENT (AMPS)	STROBE CIRCUIT (C1) QTY	STROBE CIRCUIT (C1) CURRENT	STROBE CIRCUIT (C2) QTY	STROBE CIRCUIT (C2) CURRENT	STROBE CIRCUIT (C3) QTY	STROBE CIRCUIT (C3) CURRENT
SS2415 STROBE 15 cd	0.075	4	0.3	4	0.3	2	0.15
SS2475 STROBE 75 cd	0.170	4	0.68	1	0.17	5	0.85
SS24110 STROBE 110 cd	0.210	0	–	0	–	0	
TOTAL CURRENT ON CIRCUIT		0.98 AMPS		0.47 AMPS		1.0 AMPS	
TOTAL WIRE LENGTH		395 FT.		360 FT.		320 FT.	
% VOLTAGE DROP		5.3 %		2.3 %		4.4 %	
WIRE SIZE		#12 AWG		#12 AWG		#12 AWG	
CIRCUIT LOCATION		XP–C		XP–C		XP–C	

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW – STROBE CIRCUIT VOLTAGE DROPS

BUILDING "D" – XP–D

DEVICE	DEVICE CURRENT (AMPS)	STROBE CIRCUIT (D1) QTY	STROBE CIRCUIT (D1) CURRENT	STROBE CIRCUIT (D2) QTY	STROBE CIRCUIT (D2) CURRENT	QTY	CURRENT
SS2415 STROBE 15 cd	0.075	4	0.3	3	0.225		
SS2475 STROBE 75 cd	0.170	1	0.17	1	0.17		
SS24110 STROBE 110 cd	0.210	2	0.42	2	0.42		
TOTAL CURRENT ON CIRCUIT		0.89 AMPS		0.815 AMPS			
TOTAL WIRE LENGTH		300 FT.		300 FT.			
% VOLTAGE DROP		3.6 %		3.4 %			
WIRE SIZE		#12 AWG		#12 AWG			
CIRCUIT LOCATION		XP–D		XP–D			

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW – STROBE CIRCUIT VOLTAGE DROPS

BUILDING "E" – XP–E

DEVICE	DEVICE CURRENT (AMPS)	STROBE CIRCUIT (E1) QTY	STROBE CIRCUIT (E1) CURRENT	STROBE CIRCUIT (E2) QTY	STROBE CIRCUIT (E2) CURRENT	QTY	CURRENT
SS2415 STROBE 15 cd	0.075	3	0.225	3	0.225		
SS2475 STROBE 75 cd	0.170	2	0.34	0	–		
SS24110 STROBE 110 cd	0.210	0	–	0	–		
TOTAL CURRENT ON CIRCUIT		0.565 AMPS		0.225 AMPS			
TOTAL WIRE LENGTH		260 FT.		60 FT.			
% VOLTAGE DROP		2.02 %		0.18 %			
WIRE SIZE		#12 AWG		#12 AWG			
CIRCUIT LOCATION		XP–E		XP–E			

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW–HORN CIRCUIT VOLTAGE DROPS

PORTABLE – AFP–200

DEVICE	DEVICE CURRENT (AMPS)	HORN CIRCUIT (P1) QTY	HORN CIRCUIT (P1) CURRENT	HORN CIRCUIT (P2) QTY	HORN CIRCUIT (P2) CURRENT	QTY	CURRENT
HORN MA–24	0.044	4	0.176	3	0.132		
TOTAL CURRENT ON CIRCUIT		0.176 AMPS		0.132 AMPS			
TOTAL WIRE LENGTH		350 FT.		385 FT.			
% VOLTAGE DROP		0.87 %		0.518 %			
WIRE SIZE		#12 AWG		#12 AWG			
CIRCUIT LOCATION		AFP–200		AFP–200			

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

VALLEY VIEW – STROBE CIRCUIT VOLTAGE DROPS

PORTABLE – AFP–200

DEVICE	DEVICE CURRENT (AMPS)	STROBE CIRCUIT (P1) QTY	STROBE CIRCUIT (P1) CURRENT	STROBE CIRCUIT (P2) QTY	STROBE CIRCUIT (P2) CURRENT	STROBE QTY	STROBE CURRENT
SS2415 STROBE 15 cd	0.075	0		0			
SS2475 STROBE 75 cd	0.170	3	0.51	2	0.34		
SS24110 STROBE 110 cd	0.210	0		0			
TOTAL CURRENT ON CIRCUIT		0.51 AMPS		0.34 AMPS			
TOTAL WIRE LENGTH		350 FT.		275 FT.			
% VOLTAGE DROP		2.5 %		1.33 %			
WIRE SIZE		#12 AWG		#12 AWG			
CIRCUIT LOCATION		AFP–200		AFP–200			

CIRCULAR MILS
18 AWG = 1620
16 AWG = 2580
14 AWG = 4110
12 AWG = 6530

VOLTAGE DROP = (DISTANCE x TOTAL CURRENT x 21.6) / CIRCULAR MILS = VOLTS

%VOLTAGE DROP = (VOLT DROP x 100) / 24 VOLTS

INSTALLED UNDER ANOTHER CONTRACT
SHOWN FOR REFERENCE ONLY

JOB NAME: VALLEY VIEW SCHOOL
PANEL LOCATION: ADMINISTRATION ANNUNCIATOR PANEL
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
1	2020: XPC–8,8	0.2500	0.2500
1	2020: XPP–1	0.0350	0.0350
1	PS: AVPS–24	0.1040	0.0640
1	HORN: MA–24	0.0000	0.0000
2	STR: SS2415ADA	0.0800	0.0800
2	STR: SS2475ADA	0.0040	0.0040
	TOTAL=	0.4730	0.4330

STANDBY LOAD = 0.4730 AMPS — ALARM LOAD = 0.4330 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 11.35 AMP HOURS — ALARM = 0.04 AMP HOURS

TOTAL = STANDBY + ALARM
= 11.35 + 0.04
= 11.39 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 11.39 x 1.25 = 14.24

MINIMUM BATTERY SIZE = 14.24 AMPERE HOURS

JOB NAME: VALLEY VIEW SCHOOL
PANEL LOCATION: AFP200 FIRE ALARM CONTROL PANEL
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
1	2020: XPC–8,8	0.1000	0.1500
1	2020: XPP–1	0.0345	0.0345
10	PS: AVPS–24	0.0021	0.0021
10	HORN: MA–24	0.0020	0.0020
7	STR: SS2415ADA	0.0000	0.3080
5	STR: SS2475ADA	0.0000	0.8500
	TOTAL=	0.1386	1.3466

STANDBY LOAD = 0.1386 AMPS — ALARM LOAD = 1.3466 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 3.33 AMP HOURS — ALARM = 0.11 AMP HOURS

TOTAL = STANDBY + ALARM
= 3.33 + 0.11
= 3.44 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 3.44 x 1.25 = 4.30

MINIMUM BATTERY SIZE = 4.30 AMPERE HOURS

JOB NAME: VALLEY VIEW SCHOOL
PANEL LOCATION: MAIN FIRE ALARM CONTROL PANEL – AFP–1010
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
1	1010: BE–1010	0.1160	0.1160
1	2020: LIB–400	0.1700	0.1700
1	2020: MIB–W	0.0350	0.0350
1	2020: XPC–8,8	0.0330	0.0420
1	2020: XPP–1	0.0250	0.0320
1	PS: AVPS–24	0.0090	0.0090
1	PS: MPS–24A	0.1040	0.0640
2	DSD: DHX–502	0.0003	0.0003
22	HEAT: FDX–551	0.0046	0.0046
1	MOD_C: OMX–2	0.0009	0.0009
6	MOD_M: BGX–101L	0.0018	0.0018
3	MOD_M: MMX–1	0.0009	0.0009
2	SMOKE: 6424	0.0200	0.0080
76	SMOKE: SDX–551	0.0152	0.0152
6	HORN: MA–24	0.0000	0.2640
9	STR: SS2415ADA	0.0000	0.6750
3	STR: SS2475ADA	0.0000	0.5100
1	ANN: LCD–80	0.0500	0.1000
	TOTAL=	0.5857	2.0467

STANDBY LOAD = 0.5857 AMPS — ALARM LOAD = 2.0467 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 14.05 AMP HOURS — ALARM = 0.17 AMP HOURS

TOTAL = STANDBY + ALARM
= 14.05 + 0.17
= 14.22 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 14.22 x 1.25 = 17.77

MINIMUM BATTERY SIZE = 17.77 AMPERE HOURS

JOB NAME: VALLEY VIEWS CHOOL
PANEL LOCATION: XP–B BUILDING B
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
3	2020: XPC–8,8	0.0990	0.1260
1	2020: XPP–1	0.0250	0.0320
4	PS: AVPS–24	0.0360	0.0360
18	HORN: MA–24	0.0000	0.7920
9	STR: SS2415ADA	0.0000	0.6750
11	STR: SS2475ADA	0.0000	1.8700
	TOTAL=	0.1600	3.5310

STANDBY LOAD = 0.1600 AMPS — ALARM LOAD = 3.5310 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 3.84 AMP HOURS — ALARM = 0.29 AMP HOURS

TOTAL = STANDBY + ALARM
= 3.84 + 0.29
= 4.13 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 4.13 x 1.25 = 5.16

MINIMUM BATTERY SIZE = 5.16 AMPERE HOURS

JOB NAME: VALLEY VIEW SCHOOL
PANEL LOCATION: XP–C BUILDING C
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
3	2020: XPC–8,8	0.0990	0.1260
1	2020: XPP–1	0.0250	0.0320
4	PS: AVPS–24	0.0360	0.0360
16	HORN: MA–24	0.0000	0.7040
10	STR: SS2415ADA	0.0000	0.7500
10	STR: SS2475ADA	0.0000	1.7000
	TOTAL=	0.1600	3.3480

STANDBY LOAD = 0.1600 AMPS — ALARM LOAD = 3.3480 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 3.84 AMP HOURS — ALARM = 0.28 AMP HOURS

TOTAL = STANDBY + ALARM
= 3.84 + 0.28
= 4.12 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 4.12 x 1.25 = 5.15

MINIMUM BATTERY SIZE = 5.15 AMPERE HOURS

JOB NAME: VALLEY VIEW SCHOOL
PANEL LOCATION: XP–D BUILDING D
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
3	2020: XPC–8,8	0.0990	0.1260
1	2020: XPP–1	0.0250	0.0320
4	PS: AVPS–24	0.0360	0.0360
8	HORN: MA–24	0.0000	0.3520
4	STR: SS24110ADA	0.0000	0.8400
7	STR: SS2415ADA	0.0000	0.5250
2	STR: SS2475ADA	0.0000	0.3400
	TOTAL=	0.1600	2.2510

STANDBY LOAD = 0.1600 AMPS — ALARM LOAD = 2.2510 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 3.84 AMP HOURS — ALARM = 0.19 AMP HOURS

TOTAL = STANDBY + ALARM
= 3.84 + 0.19
= 4.03 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 4.03 x 1.25 = 5.03

MINIMUM BATTERY SIZE = 5.03 AMPERE HOURS

JOB NAME: VALLEY VIEW SCHOOL
PANEL LOCATION: XP–E BUILDING E
DATE PERFORMED: 2–18–1998

QUANTITY	DEVICE NAME	STD–BY (Amps)	ALARM (Amps)
3	2020: XPC–8,8	0.0990	0.1260
1	2020: XPP–1	0.0250	0.0320
4	PS: AVPS–24	0.0360	0.0360
7	HORN: MA–24	0.0000	0.3080
6	STR: SS2415ADA	0.0000	0.4500
2	STR: SS2475ADA	0.0000	0.3400
	TOTAL=	0.1600	1.2920

STANDBY LOAD = 0.1600 AMPS — ALARM LOAD = 1.2920 AMPS
STANDBY TIME = 24 HOURS — ALARM TIME = 5/60 HOURS

STANDBY = 3.84 AMP HOURS — ALARM = 0.11 AMP HOURS

TOTAL = STANDBY + ALARM
= 3.84 + 0.11
= 3.95 AMP HOURS

MULTIPLY BY DE–RATING FACTOR OF 1.25 ------ 3.95 x 1.25 = 4.93

MINIMUM BATTERY SIZE = 4.93 AMPERE HOURS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE 100251
APPL FLS SS
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

FIRE ALARM CALCULATIONS

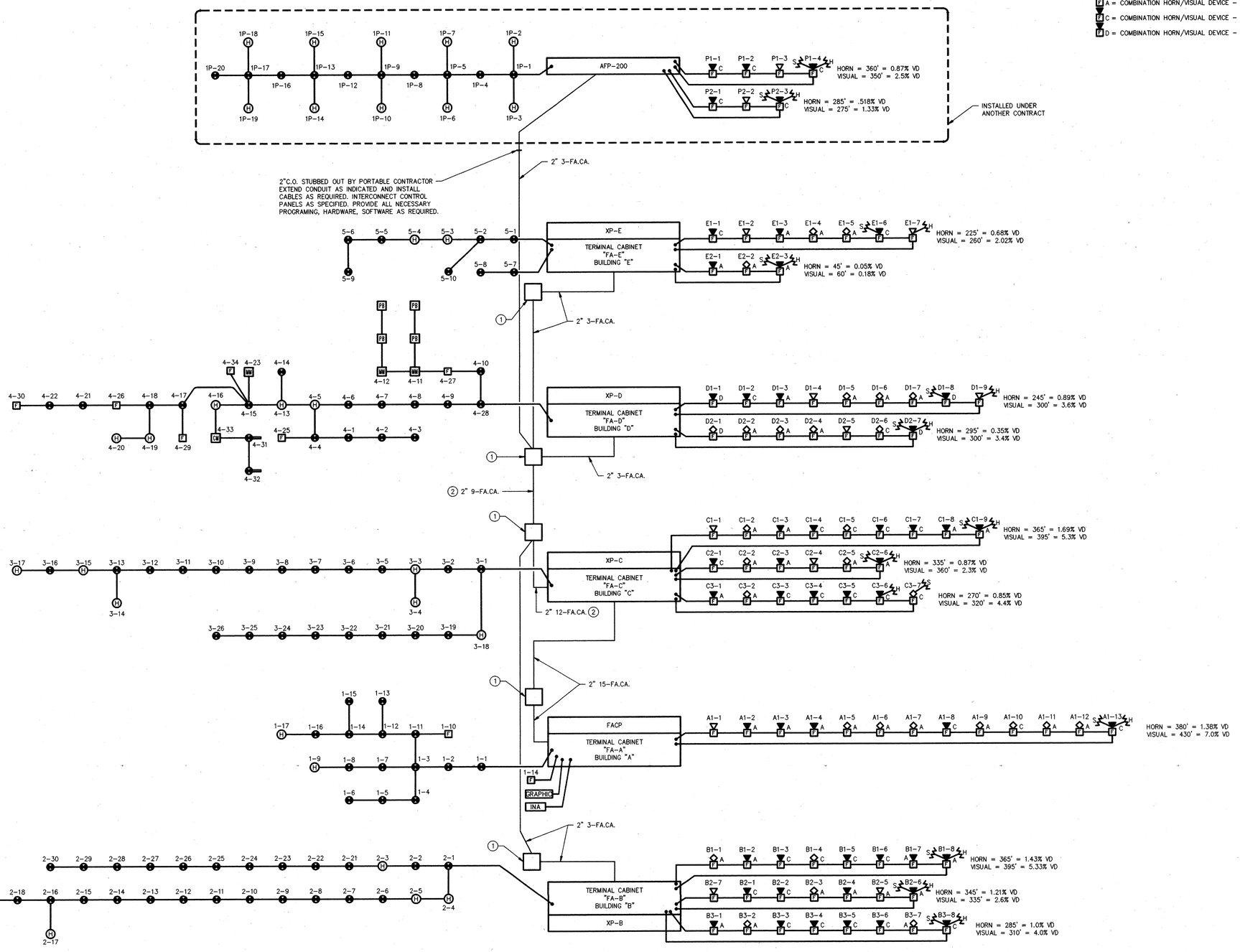
AS BUILT DRAWINGS

SHEET NO: E-1.2.1

SCALE: NTS
DATE: 4/9/98
JOB NO. 9748.03
DRAWN BY: AM mf
CHECKED BY: JK
OF

SYMBOL LIST - THIS SHEET ONLY

- A = 15cd VISUAL DEVICE (0.045A)
- C = 75cd VISUAL DEVICE (0.17A)
- D = 110cd VISUAL DEVICE (0.21A)
- = ELECTRONIC HORN (0.044A)
- A = COMBINATION HORN/VISUAL DEVICE - 15cd
- C = COMBINATION HORN/VISUAL DEVICE - 75cd
- D = COMBINATION HORN/VISUAL DEVICE - 110cd



SPECIAL NOTES - THIS SHEET ONLY

1. UNDERGROUND PULLBOXES - SEE SITE PLAN.

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OFFICE OF REGULATION SERVICES
FILE 100451
AC FLS BC SS
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

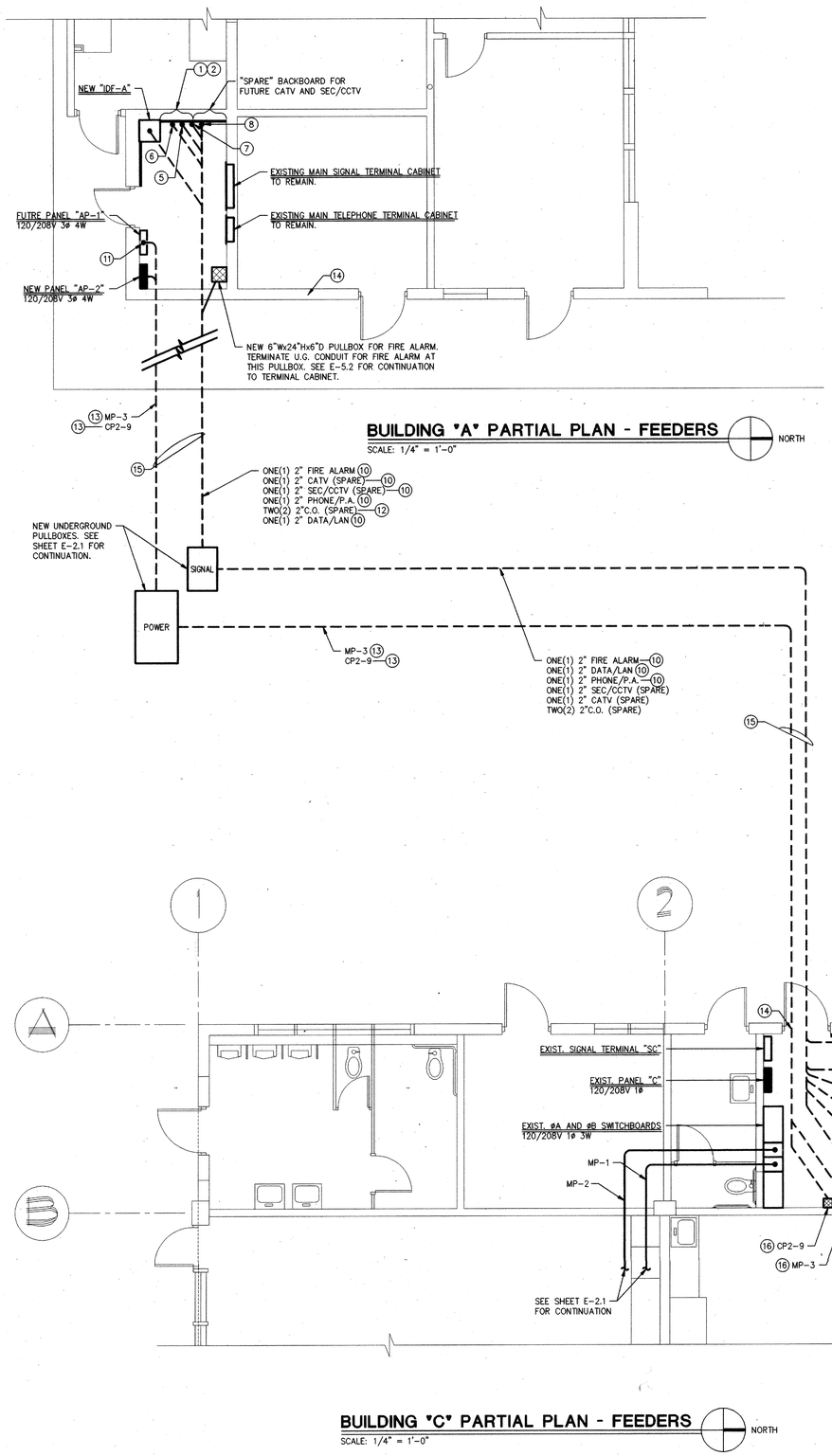
SHEET TITLE:

FIRE ALARM RISER DIAGRAM

AS BUILT DRAWINGS

SCALE: NONE
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: JK

SHEET NO: E-1.2.2
OF



BUILDING "A" PARTIAL PLAN - FEEDERS

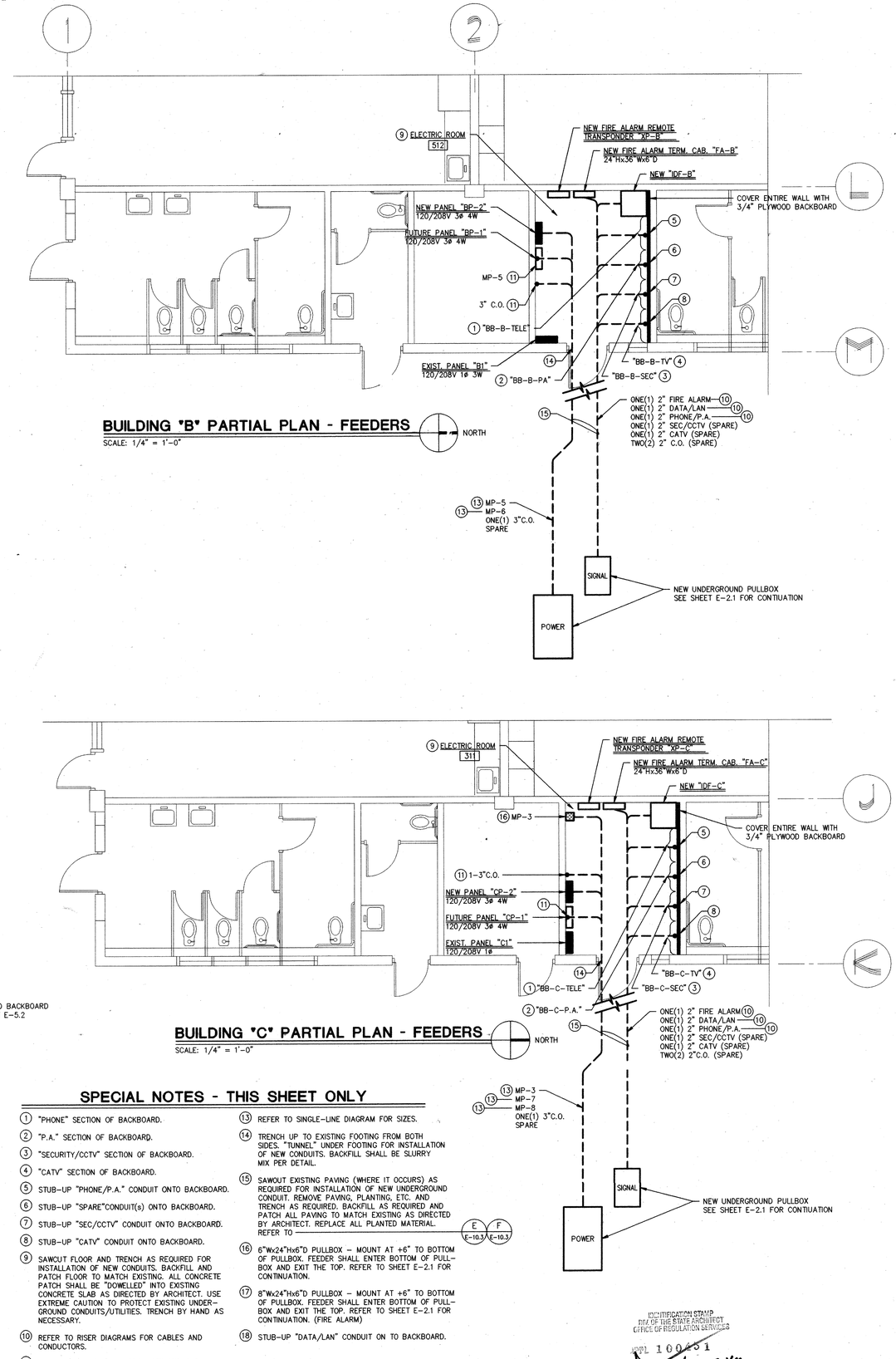
SCALE: 1/4" = 1'-0"

NORTH

BUILDING "C" PARTIAL PLAN - FEEDERS

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

NORTH



BUILDING "B" PARTIAL PLAN - FEEDERS

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

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. "PHONE" SECTION OF BACKBOARD.
2. "P.A." SECTION OF BACKBOARD.
3. "SECURITY/CCTV" SECTION OF BACKBOARD.
4. "CATV" SECTION OF BACKBOARD.
5. STUB-UP "PHONE/P.A." CONDUIT ONTO BACKBOARD.
6. STUB-UP "SPARE"CONDUIT(s) ONTO BACKBOARD.
7. STUB-UP "SEC/CCTV" CONDUIT ONTO BACKBOARD.
8. STUB-UP "CATV" CONDUIT ONTO BACKBOARD.
9. SAWCUT FLOOR AND TRENCH AS REQUIRED FOR INSTALLATION OF NEW CONDUITS. BACKFILL AND PATCH FLOOR TO MATCH EXISTING. ALL CONCRETE PATCH SHALL BE "DOWELLED" INTO EXISTING CONCRETE SLAB AS DIRECTED BY ARCHITECT. USE EXTREME CAUTION TO PROTECT EXISTING UNDER-GROUND CONDUITS/UTILITIES. TRENCH BY HAND AS NECESSARY.
10. REFER TO RISER DIAGRAMS FOR CABLES AND CONDUCTORS.
11. STUB-UP SPARE CONDUIT(s) +18" AND CAP.
12. TERMINATE SPARE CONDUIT IN TERMINAL CABINET.
13. REFER TO SINGLE-LINE DIAGRAM FOR SIZES.
14. TRENCH UP TO EXISTING FOOTING FROM BOTH SIDES. "TUNNEL" UNDER FOOTING FOR INSTALLATION OF NEW CONDUITS. BACKFILL SHALL BE SLURRY MIX PER DETAIL.
15. SAWCUT EXISTING PAVING (WHERE IT OCCURS) AS REQUIRED FOR INSTALLATION OF NEW UNDERGROUND CONDUIT. REMOVE PAVING, PLANTING, ETC. AND TRENCH AS REQUIRED. BACKFILL AS REQUIRED AND PATCH ALL PAVING TO MATCH EXISTING AS DIRECTED BY ARCHITECT. REPLACE ALL PLANTED MATERIAL. REFER TO E E-10.3 F E-10.3
16. 6"Wx24"Hx6"D PULLBOX – MOUNT AT +6" TO BOTTOM OF PULLBOX. FEEDER SHALL ENTER BOTTOM OF PULL-BOX AND EXIT THE TOP. REFER TO SHEET E-2.1 FOR CONTINUATION.
17. 8"Wx24"Hx6"D PULLBOX – MOUNT AT +6" TO BOTTOM OF PULLBOX. FEEDER SHALL ENTER BOTTOM OF PULL-BOX AND EXIT THE TOP. REFER TO SHEET E-2.1 FOR CONTINUATION. (FIRE ALARM)
18. STUB-UP "DATA/LAN" CONDUIT ON TO BACKBOARD.

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FLS
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BID SET

OSBORN ARCHITECTS

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM

PHASE I

VALLEY VIEW ELEMENTARY SCHOOL

1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

PARTIAL BUILDING PLANS - FEEDERS

AS BUILT DRAWINGS

SCALE: AS NOTED

DATE: 4/9/98

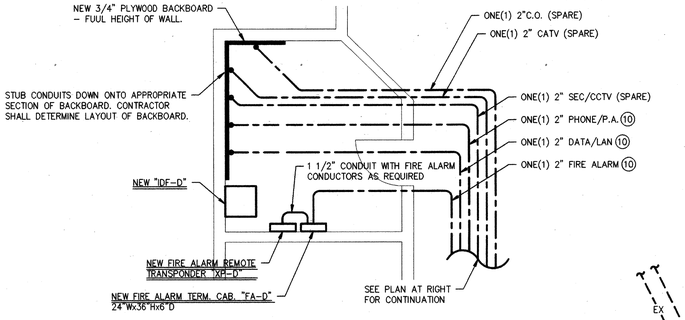
JOB NO: 9748.05

DRAWN BY: AM

CHECKED BY: KK

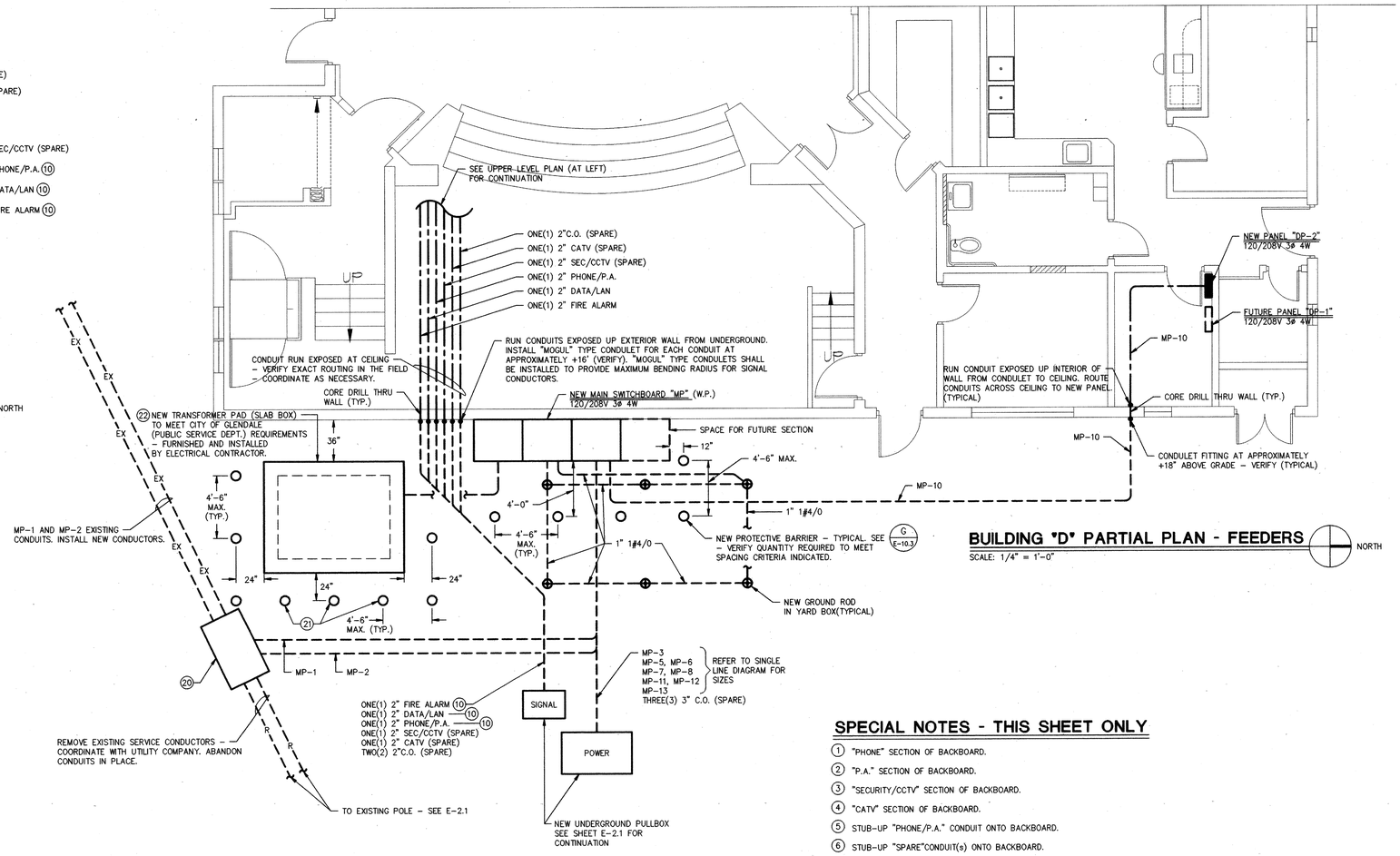
SHEET NO: E-2.1

OF



UPPER LEVEL PLAN - ELECTRICAL ROOM

SCALE: 1/4" = 1'-0" (BUILDING "D") NORTH

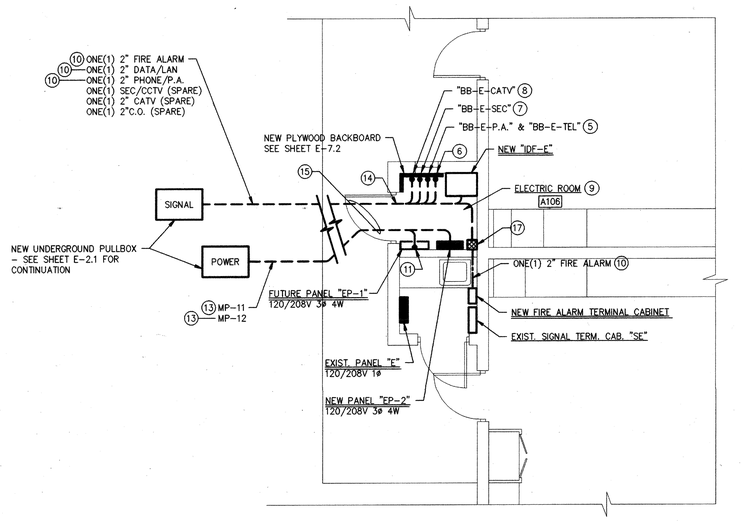


BUILDING "D" PARTIAL PLAN - FEEDERS

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

SPECIAL NOTES - THIS SHEET ONLY

1. "PHONE" SECTION OF BACKBOARD.
2. "P.A." SECTION OF BACKBOARD.
3. "SECURITY/CCTV" SECTION OF BACKBOARD.
4. "CATV" SECTION OF BACKBOARD.
5. STUB-UP "PHONE/P.A." CONDUIT ONTO BACKBOARD.
6. STUB-UP "SPARE"CONDUIT(s) ONTO BACKBOARD.
7. STUB-UP "SEC/CCTV" CONDUIT ONTO BACKBOARD.
8. STUB-UP "CATV" CONDUIT ONTO BACKBOARD.
9. SAWCUT FLOOR AND TRENCH AS REQUIRED FOR INSTALLATION OF NEW CONDUITS. BACKFILL AND PATCH FLOORTO MATCH EXISTING. ALL CONCRETE PATCH SHALL BE "DOWELLED" INTO EXISTING CONCRETE SLAB AS DIRECTED BY ARCHITECT. USE EXTREME CAUTION TO PROTECT EXISTING UNDERGROUND CONDUITS/UTILITIES. TRENCH BY HAND AS NECESSARY.
10. REFER TO RISER DIAGRAMS FOR CABLES AND CONDUCTORS.
11. STUB-UP SPARE CONDUIT(s) +18" AND CAP.
12. TERMINATE SPARE CONDUIT IN TERMINAL CABINET.
13. REFER TO SINGLE-LINE DIAGRAM FOR SIZES.
14. TRENCH UP TO EXISTING FOOTING FROM BOTH SIDES. "TUNNEL" UNDER UNDER FOOTING FOR INSTALLATION OF NEW CONDUITS. BACKFILL SHALL BE SLURRY MIX PER DETAIL.
15. SAWOUT EXISTING PAVING (WHERE IT OCCURS) AS REQUIRED FOR INSTALLATION OF NEW UNDERGROUND CONDUIT. REMOVE PAVING, PLANTING, ETC. AND TRENCH AS REQUIRED. BACKFILL AS REQUIRED AND PATCH ALL PAVING TO MATCH EXISTING AS DIRECTED BY ARCHITECT. REPLACE ALL PLANTED MATERIAL. REFER TO F E-10.3
16. 6"Wx24"Hx6"D PULLBOX – MOUNT AT +6" TO BOTTOM OF PULLBOX. FEEDER SHALL ENTER BOTTOM OF PULLBOX AND EXIT THE TOP. REFER TO SHEET E-2.1 FOR CONTINUATION. CONTINUATION.
17. 8"Wx24"Hx6"D PULLBOX – MOUNT AT +6" TO BOTTOM OF PULLBOX. FEEDER SHALL ENTER BOTTOM OF PULLBOX AND EXIT THE TOP. REFER TO SHEET E-2.1 FOR CONTINUATION.
18. STUB-UP "DATA/LAN" CONDUIT ON TO BACKBOARD.
19. 8"Wx36"Hx8"D PULLBOX – MOUNT AT +6" TO BOTTOM OF PULLBOX. FEEDER SHALL ENTER BOTTOM OF PULLBOX AND EXIT THE TOP. REFER TO SHEET E-2.1 FOR CONTINUATION.
20. NEW 3' x 5' UNDERGROUND PULLBOX – "INTERCEPT TYPE". VERIFY LOCATION OF EXISTING UNDERGROUND SERVICE CONDUITS (2–4") AND INSTALL NEW PULLBOX OVER EXISTING CONDUITS. CUT EXISTING CONDUITS INSIDE OF PULLBOX TO ALLOW CONNECTION TO NEW FEEDERS. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING CONDUITS AND SHALL ADJUST PULLBOX SIZE AND DEPTH AS NECESSARY. PULLBOX COVER AND INSTALLATION SHALL BE SIMILAR TO A E-10.3
21. THIS BARRIER POST SHALL BE SIMILAR TO C E-10.3 BUT SHALL BE REMOVABLE RATHER THAN FIXED. SET 5" BARRIER POST IN A 6" DIA. PIPE SLEEVE PER CITY OF GLENDALE PUBLIC SERVICE DEPARTMENT DRAWING CSS-1401-03.
22. PRE-CAST TRANSFORMER PAD SHALL BE 10'-0" x 12'-0" WITH 5'-0" x 8'-6" x 5'-0" DEEP ENCLOSURE, QUICKSET SB-1012-ED OR EQUAL. WHEN ORDERING FROM VENDOR, SPECIFY CITY OF GLENDALE DELIVERY WITH ENCLOSURE LID MARKED "C OF G ELECTRIC". SEE CITY OF GLENDALE DRAWING #CSS-1405 FOR ADDITIONAL REQUIREMENTS INCLUDING GROUNDING. GROUNDING SHALL INCLUDE 4–GROUND RODS AND CALWELDED CONNECTIONS. REFER TO #CSS-1401 & #CSS-1405 FOR INSTALLATION METHODS AND REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE INSTALLATION IN ACCORDANCE WITH CITY'S REQUIREMENTS.



BUILDING "E" PARTIAL PLAN - FEEDERS

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4920 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

PARTIAL BUILDING PLANS - FEEDERS

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: KK

SHEET NO:
E-2.1.2
OF

ALL WORK IN THIS AREA IS EXISTING UNLESS SPECIFICALLY NOTED AS NEW OR NOTED TO BE COMPLETED AS PART OF THIS PROJECT. INFORMATION SHOWN IS FOR REFERENCE ONLY.

NOTE:
CONDUIT BETWEEN BUILDINGS IS INDICATED ON SHEET E-2.2

PARTIAL SITE PLAN - ELECTRICAL

SCALE: 1/8" = 1' - 0"

NORTH

SPECIAL NOTES - THIS SHEET ONLY

1. PULLBOX AND GUTTER ASSEMBLY. REFER TO SHEET E-2.2 FOR CONNECTIONS BETWEEN BUILDINGS.
2. CONDUIT FROM TOP OF PULLBOX, EXPOSED UP THE SIDE OF THE BUILDING, AND INTO ACCESSIBLE CEILING SPACE.

TRENCHING AND EXCAVATION NOTES

1. CONTRACTOR SHALL INVESTIGATE AND VERIFY EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING FOR NEW UNDERGROUND CONDUIT AND PULLBOXES.
2. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DISTRICT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR EXACT LOCATIONS AND ROUTING OF CONDUITS/PULLBOXES. LOCATIONS SHALL BE ADJUSTED AS NECESSARY TO ALLOW FOR EXISTING UTILITIES.

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FLS BC SS TAN/KA
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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

PARTIAL SITE PLAN - ELECTRICAL

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: KK

SHEET NO: E-2.2.1
OF

PARTIAL SITE PLAN - ELECTRICAL

SCALE: 1/8" = 1'-0"

NORTH

SPECIAL NOTE - THIS SHEET ONLY

1. PANEL SUPPLIED WITH BUILDING. THE CONTRACTOR SHALL PROVIDE NEW/ADDITIONAL 20A 1P BREAKERS (TO MATCH EXISTING) AS REQUIRED FOR THE ADDITIONAL CIRCUITS. UPDATE PANEL DIRECTORIES AND INDICATE ON "AS-BUILT" DRAWINGS.
2. CIRCUIT NUMBER HAS BEEN ASSIGNED ARBITRARILY TO INDICATE CIRCUITING ONLY. ACTUAL CIRCUIT NUMBER SHALL BE DETERMINED IN THE FIELD AND INDICATED ON THE "AS-BUILT" DRAWINGS.
3. INSIDE OF "IDF-P" - VERIFY LOCATION.

TRENCHING AND EXCAVATION NOTES

1. CONTRACTOR SHALL INVESTIGATE AND VERIFY EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING FOR NEW UNDERGROUND CONDUIT AND PULLBOXES.
2. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DISTRICT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR EXACT LOCATIONS AND ROUTING OF CONDUITS/PULLBOXES. LOCATIONS SHALL BE ADJUSTED AS NECESSARY TO ALLOW FOR EXISTING UTILITIES.

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APPL. 100451
FLS. BC SS
DATE APR 09 1998

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

PARTIAL SITE PLAN - ELECTRICAL

AS BUILT DRAWINGS

SCALE: AS NOTED
DATE: 4/9/98
JOB NO: 9748.05
DRAWN BY: NS
CHECKED BY: KK

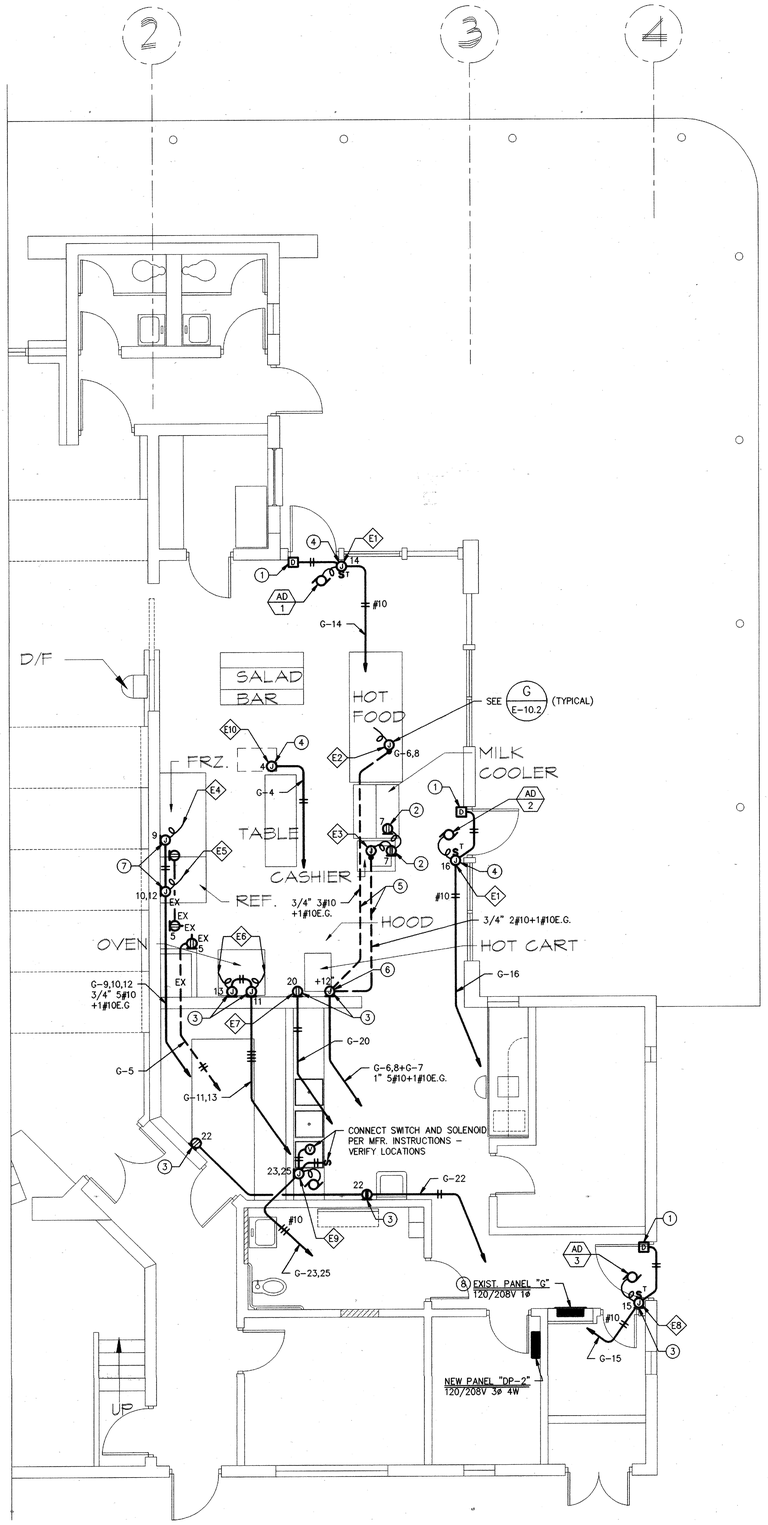
SHEET NO:
E-2.2.2
OF

SPECIAL NOTES - THIS SHEET ONLY

1. DOOR OPERATED SWITCH. SWITCH FURNISHED WITH AIR CURTAIN – INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
2. MOUNT AS DIRECTED BY KITCHEN EQUIPMENT INSTALLER. ROUTE CONDUIT CONCEALED THROUGH EQUIPMENT IN LOCATION AS DIRECTED.
3. "FISH" CONDUIT DOWN IN EXISTING WALL TO NEW J-BOX FLUSH IN EXISTING WALL. PATCH WALL AS REQUIRED TO MATCH EXISTING FINISH.
4. NEW BOX FLUSH IN NEW CEILING.
5. SAWCUT EXISTING CONCRETE FLOOR AND TRENCH AS REQUIRED FOR INSTALLATION OF NEW UNDERGROUND CONDUIT. BACKFILL AND PATCH FLOOR TO MATCH EXISTING.
6. INSTALL CAST EXTENSION BOX ON FLUSH OUTLETS TO ACCEPT 2-3/4" CONDUITS STUBBED UP FROM SLAB – TIGHT AGAINST WALL. EXTENSION BOX SHALL BE RACO #5405 (OR EQUAL) WITH BLANK PLATE. SIMILAR TO DETAIL G / E-10.2
7. STUB CONDUIT DOWN FROM CEILING – SURFACE MOUNTED ON WALL DOWN TO OUTLET BOX.
8. REPLACE PANEL PER PANEL SCHEDULE.
9. REFER TO DRAWING "K-1" FOR ADDITIONAL INFORMATION AND ADDITIONAL REQUIREMENTS.

ELECTRICAL CONNECTION SCHEDULE

ITEM	DESCRIPTION OF EQUIPMENT	VOLTAGE	RATING	MOUNTING	DEVICE	KITCHEN EQUIPMENT REFER TO "K" DWGS.	REMARKS
E1	AIR CURTAIN	120V	1/2HP	CEILING	J-BOX WITH MANUAL MOTOR STARTER SW.	1	DOOR SW. FURNISHED WITH EQUIP. – INSTALLED BY ELECT. CONTRACTOR – TYP. 2 PLACES
E2	HOT FOOD PANS	208V 1ø	500W	FLOOR +10"	J-BOX ON FLOOR STUB	17	VERIFY EXISTING LOCATION. CONNECT TO EQUIPMENT WITH SEAL TIGHT FLEX.
E3	CASH REGISTER & MILK COOLER	120V	300W + 1/4HP	FLOOR +10"	J-BOX ON FLOOR STUB + 2-DUPLEX	15 16	MOUNT OUTLETS ON EQUIPMENT AS DIRECTED
E4	REFRIGERATOR	120V	1/2HP	WALL +90"	J-BOX WITH EXT. BOX AND BLANK PLATE	11	HARDWIRE TO EQUIPMENT WITH SEAL TIGHT FLEX AS DIRECTED.
E5	FREEZER	120/208V 1ø 3W	3/4HP	WALL +90"	J-BOX WITH EXT. BOX AND BLANK PLATE	10	HARDWARE TO EQUIPMENT WITH SEAL TIGHT FLEX AS DIRECTED.
E6	CONVECTION OVEN	120V	3/4HP EA.	WALL +48"	J-BOX WITH EXT. BOX AND BLANK PLATE	9	TYPICAL 2 PLACES. CONNECT TO EQUIPMENT WITH SEAL TIGHT FLEX.
E7	HOT FOOD CABINET	120V	1500W	WALL +48"	DUPLEX RECEPTACLE	6	
E8	AIR CURTAIN	120V	1/2HP	WALL +90"	J-BOX WITH MANUAL MOTOR STARTER SW.	1	DOOR SW. FURNISHED WITH EQUIP. – INSTALLED BY ELECT. CONTRACTOR
E9	DISPOSER	208V 1ø	1 1/2HP	WALL +24"	J-BOX WITH EXT. BOX AND BLANK PLATE	19	CONNECT SOLENID VALVE AND CONTROL SWITCH PER MANUFACTURERS INSTRUCTIONS.
E10	HEATED CABINET	120V	500W	CEILING +78"	J-BOX FLUSH IN CEILING WITH #10/3 DROP CORD	6	FURNISH WITH CORD GRIP AND 20A FEMALE (VERIFY NEMA TYPE) CONNECTOR.



⑨ **BUILDING "D" KITCHEN PLAN - ELECTRICAL**
SCALE: 1/4" = 1'-0"

NORTH

CONSTRUCTION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION # 10451
APPROVED
DATE APR 09 1998

BID SET

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MODERNIZATION PROGRAM
PHASE I

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1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

BUILDING "D" KITCHEN PLAN - ELECTRICAL

AS BUILT DRAWINGS

SHEET NO: E-6.1.1

SCALE: AS NOTED
DATE: 4/9/98
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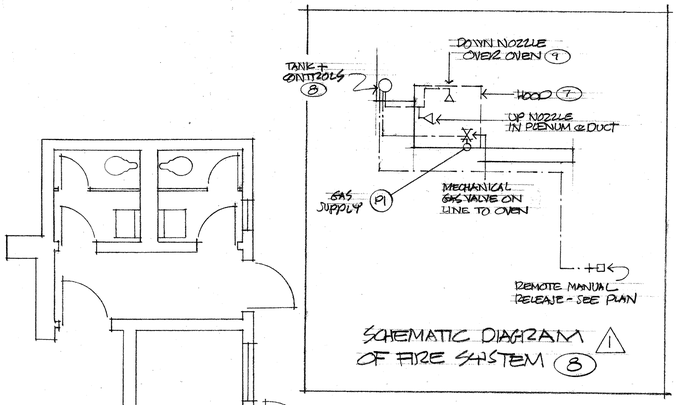
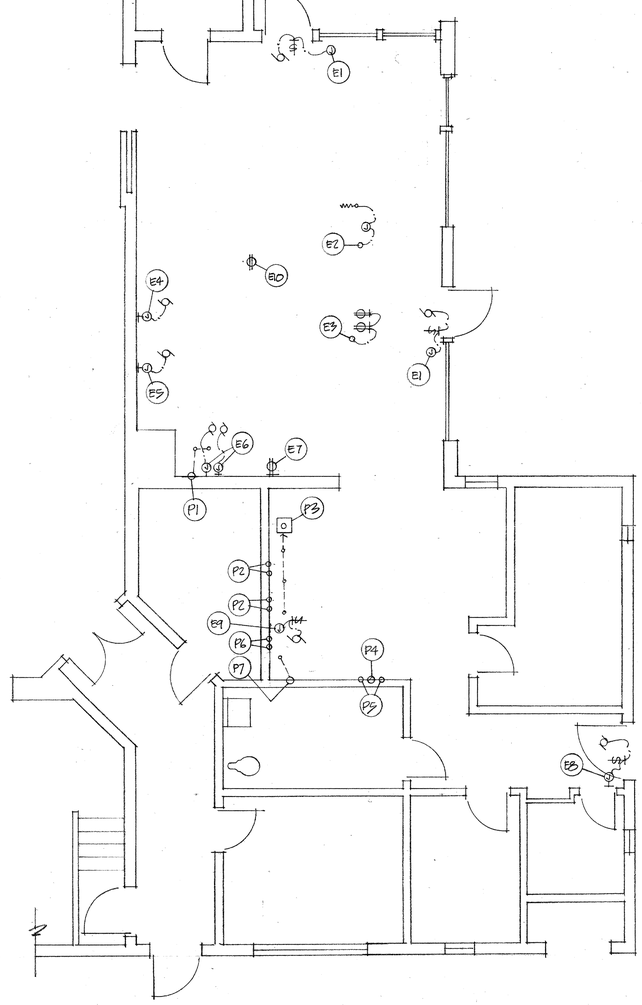


SCHEMATIC DIAGRAM OF FIRE SYSTEM (8) (1)



UTILITY PLAN

PLUMBING SCHEDULE

NO.		DESCRIPTION	SIZE	LOCN.	HT.	SERVICE TO:	REMARKS	EQUIP. ITEM
P1		GAS	—	WALL	+36"	OVENS	108,000 BTU. TOTAL	(9)
P2		HOT & COLD	1/2"	WALL	+16"	SINK FAUCET	THD. 2 PLACES	(5)
P3		FL12. SINK	—	FLR.	+0"	3 SINK BASINS		(5)
P4		WASTE	2"	WALL	+16"	SINK DRAIN		(4)
P5		HOT & COLD	1/2"	WALL	+18"	SINK FAUCET		(4)
P6		HOT & COLD	1/2"	WALL	+24"	PRERINSE FAUCET	IRON COLD TO DISPOSER	(19)
P7		WASTE	2"	WALL	—	DISPOSER	VERIFY HEIGHT	(19)

PLUMBING NOTES

ALL DIMENSIONS ARE FROM FINISHED FACE OF WALL OR FLOOR TO CENTERLINE OF INLET OR OUTLET.

PLUMBING CONTRACTOR SHALL MAKE ALL ROUGH-INS AND FINAL CONNECTIONS, IN CONFORMANCE WITH LOCAL CODES, AND SHALL SUPPLY SHUT-OFF VALVES WITH PERMANENT NAME TAGS INDENTIFYING SUPPLY LINES TO EACH PIECE OF EQUIPMENT.

PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL INDIRECT WASTE LINES. INDIRECT WASTE LINES FROM ALL ICE BINS SHALL BE INSULATED.

ALL HORIZONTAL EXPOSED SUPPLY AND WASTE LINE RUNS SHALL BE A MINIMUM OF 6" ABOVE FINISHED FLOOR FOR EASE OF FLOOR CLEANING. RUN ALL LINES UNEXPOSED WHEREVER POSSIBLE. VENT LINES SHALL, IN ALL CASES, BE RUN UNEXPOSED. INCLUDING VENTS FROM ISLAND-TYPE FIXTURES. LOOP VENTS AT ISLAND-TYPE FIXTURES SHALL BE CONSTRUCTED OF COPPER TUBING, AND DESIGNED TO FIT INTO A SPACE 2" WIDE BETWEEN SPLASH BACKS OF TABLES.

FUEL GAS LINES SHALL BE SIZED TO SUPPLY THE BTU INDICATED. PLUMBING CONTRACTOR SHALL PROVIDE INDIVIDUAL STRAINER AND SHUT-OFF VALVE AT EACH PIECE OF GAS OPERATED EQUIPMENT.

PLUMBING CONTRACTOR SHALL INSTALL ALL INTERCONNECTING PIPING AND EQUIPMENT AT DISPOSER. LOOSE COMPONENTS (SOLENOIDS, FLOW-CONTROL SWITCHES, VACUUM BREAKERS, WATER INLET FITTINGS, PRE-RINSE FAUCETS) WILL BE FURNISHED WITH DISPOSER BY KITCHEN EQUIPMENT CONTRACTOR. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

EQUIPMENT CONTRACTOR WILL PROVIDE FAUCETS AT EQUIPMENT. PLUMBING CONTRACTOR SHALL INSTALL AND CONNECT ALL FAUCETS, INCLUDING POT AND KETTLE FILLERS.

o—› SYMBOL FOR INDIRECT DRAIN LINE TO FLOOR SINK OR TROUGH. SEE NOTE 5. VERIFY SIZES TO FIT EQUIPMENT.

ALL FLOOR SINKS SHALL BE AT LEAST HALF EXPOSED OR IN LINE WITH THE FRONT FACE OF FREESTANDING EQUIPMENT AND WITHIN 15 FEET OF THE CONDENSATE PRODUCING EQUIPMENT.

ELECTRICAL SCHEDULE

NO.	DESCRIPTION	VOLTS	PH/WIRE	RATING	LOCN.	HT.	SERVICE TO:	REMARKS	EQUIP. ITEM
E1	J-BOX	120	1	1/2HP.	WALL	+90"	AIR CURTAIN	SWITCH FURN. W/ EQUIP. - 2 PLACES	(1)
E2	FL12. STUB	208	1	SKW.	FLR.	+0"	HOT FOOD PANS	VERIFY WITH EXISTING	(17)
E3	FL12. STUB	120	1	300W.+ 1/4HP.	FLR.	+0"	CASH REGISTER + MILK COOLER	MOUNT OUTLETS ON EQUIPS.	(15) (16)
E4	J-BOX	120	1	1/2 HP	WALL	+90"	REFRIG.		(11)
E5	J-BOX	120/208	1	3/4 HP.	WALL	+90"	FREEZER	3 WIRE SERVICE	(10)
E6	J-BOX	120	1	3/4 HP.	WALL	+48"	OVEN FAN	THD. 2 PLACES	(9)
E7	DUPLEX REC.	120	1	1500W.	WALL	+48"	HOT CABINET		(6)
E8	J-BOX	120	1	1/2 HP.	WALL	+90"	AIR CURTAIN	SWITCH FURN. WITH EQUIP.	(1)
E9	J-BOX	208	1	1 1/2 HP	WALL	+24"	DISPOSER	WIRE THRU SW.	(19)
E10	DROP CORD	120	1	1500W.	CEIL.	+78"	HEATED CABT.		(6)

ELECTRICAL NOTES

ALL DIMENSIONS ARE FROM FINISHED FACE OF WALL OR FLOOR TO CENTERLINE OF INLET OR OUTLET.

ELECTRICAL CONTRACTOR SHALL MAKE ALL ROUGH-INS AND FINAL CONNECTIONS, IN CONFORMANCE WITH LOCAL CODES.

HOOD LIGHTS ARE FURNISHED AND INSTALLED WITH HOODS. ELECTRICAL CONTRACTOR SHALL PROVIDE INTERCONNECTING WIRING AND CONDUIT, RUN ABOVE CEILING, CONCEALED FROM SIGHT, AND WALL SWITCHES.

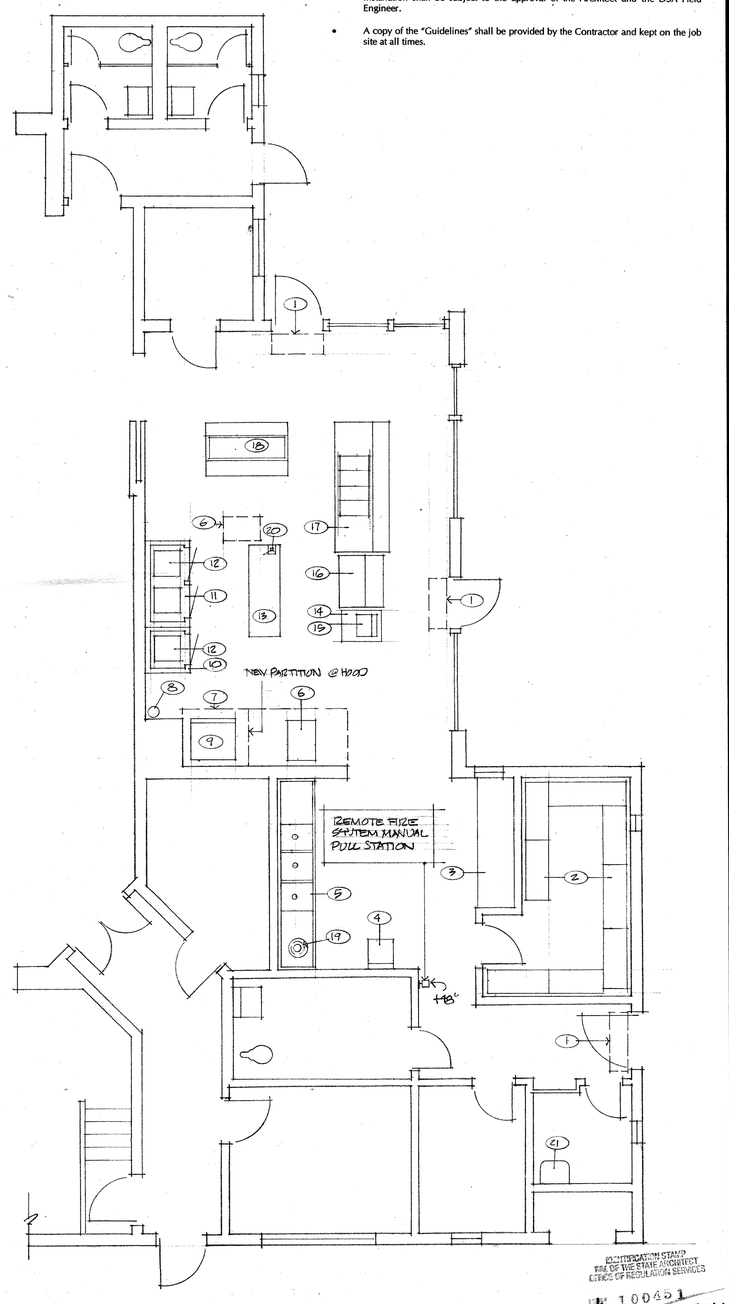
ELECTRICAL CONTRACTOR SHALL INTERWIRE MAKEUP AIR FAN MOTORS WITH EXHAUST FANS.

ELECTRICAL CONTRACTOR SHALL WIRE SOLENOID VALVE, FURNISHED WITH DISPOSER, THRU CONTROL SWITCH PER MANUFACTURERS DIRECTIONS.

ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING AND CONNECTIONS TO HEAT LAMP AND FOOD WARMER FIXTURES. FIXTURES WILL BE FURNISHED AND INSTALLED, COMPLETE WITH SWITCHES, BY KITCHEN EQUIPMENT CONTRACTOR.

EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	NO. REQ'D	STATUS	REMARKS
1	AIR CURTAIN	3	GC	BY MECHANICAL CONTR.
2	SHELVING	8	O	
3	DESK	1	GC	
4	HAND SINK	1	O	+29" TO BOT. OF APRON
5	SINK TABLE	1	OGC	
6	HEATED CABT	1	O	
7	HOOD	1	EMO.	ADD BAFFLE TO REDUCE SIZE
8	FIRE SYSTEM	1	EMO	
9	CONVECTION OVEN	1	OGC	
10	ROLL-IN FREEZER	1	OGC	
11	ROLL-IN REFRIG.	1	OGC	
12	ROTATABLE RACKS	3	O	
13	TABLE	1	O	
14	COUNTER	1	O	
15	CASH REGISTER	1	O	
16	MILK COOLER	1	O	
17	HOT FOOD COUNTER	1	EMO	+34" MAX @ SERVING LINE
18	SALAD BAR	1	O	+34" MAX AT SERVING LINE
19	DISPOSER	1	OGC	
20	CAN OPENER	1	O	
21	MOP SINK	1	EXIST.	



EQUIPMENT PLAN

- All "hardware and gas" kitchen equipment shall be installed with seismic restraints per **Guidelines for Seismic Restraints of Kitchen Equipment** as published by SMACNA and approved by DSA.
- Where anchorage details are not shown on drawings or in the guidelines, the field installation shall be subject to the approval of the Architect and the DSA Field Engineer.
- A copy of the "Guidelines" shall be provided by the Contractor and kept on the job site at all times.

EXAMINATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 10045.1
DATE APR 0 9 1998

STATUS SYMBOLS

O = FURNISHED & INSTALLED BY DISTRICT
EO = EXISTING - REINSTALLED BY DISTRICT
GC = FURNISHED & INSTALLED BY CONTRACTOR
EMO = EXISTING - MODIFIED BY DISTRICT
OGC = FURNISHED BY DISTRICT - INSTALLED BY CONTRACTOR

NOTES:

1. ALL EXISTING EQUIPMENT WILL BE REMOVED & DISPOSED OF BY DISTRICT
2. CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH DISTRICT EQUIPMENT CONTRACTOR - CONTACT IMPERIAL, 562 802-5242, PANNY OR CHUCK
3. (1) FIRE SYSTEM, ITEM 8, SHALL CONFORM TO REQMTS. OF NFPA 96 & NFPA 17A. SYSTEM SHALL HAVE AUTOMATIC SHUTOFF GAS VALVE, & SHALL BE CONNECTED TO FIRE ALARM SYSTEM (SEE ELECTRICAL SECTION), PLANS & SPECS. SHALL BE APPROVED BY DSA - OSA - OIRS BEFORE INSTALLATION, & SYSTEM TESTED IN THE PRESENCE OF ENFORCING FIRE AUTHORITY

BID SET

OSBORN
ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN C 20870 Exp 4/30/99 STATE OF CALIFORNIA

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Bobby Knox AIA

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Ph: 213-256-5886

PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1. 100 FIRE SYSTEM SCHEMATIC & NOTE PER DSA - 4.6.98
2.
3.
4.
5.

SHEET TITLE:

AS BUILT DRAWINGS

SCALE: 1/4"=1'0" SHEET NO.
DATE:
JOB NO.
DRAWN BY:
CHECKED BY: OF

K-1

CERTIFICATE OF COMPLIANCE	MECH-1
Project Name: CLARK MAGNET HIGH SCHOOL Address: 4747 NEW YORK AVE LA CRESCENTA, CALIFORNIA	Date: Building Permit No
Mechanical Designer: CEDG	Checked by / Date
Documentation: CEDG, Inc.	COMPLY 24 User 2764

GENERAL INFORMATION

Date of Plans: 12-1-97 Building conditioned Floor Area: sf
Building Type: NON RESIDENTIAL Climate Zone: 9

Phase of Construction: ☐ New Construction ☑ Addition ☐ Alteration

Method of Mechanical Compliance: ☑ Prescriptive ☐ Performance
Proof of Envelope Compliance: ☐ Previous Permit ☑ Compliance Attached

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Part 6, Chapter 1 and Title 20, Chapter 2, Subchapter 4, Article 1 of the California Code of Regulations. This certificate applies only to building mechanical requirements.

The Principal Mechanical Designer hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the mechanical requirements contained in sections 110 through 115, 120 through 124, 140 through 142, 144 and 145.

Please check one:

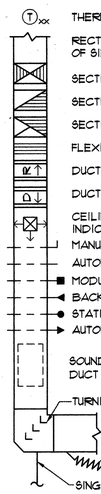
☑ I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document a the person responsible for its preparation; and that I am a civil engineer mechanical engineer or architect.

☐ 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 ____ of the ____ Code to sign this document as the person responsible for its preparation; and for the following reason: ____

PRINCIPAL MECHANICAL DESIGNER _____ (Signature) (LIC#) (Date)

LEGEND AND ABBREVIATIONS



ABV	ABOVE
AFD	AUTOMATIC FIRE DAMPER
BEL	BELOW
BDD	BACKDRAFT DAMPER
BTU	BRITISH THERMAL UNIT
CAP	CAPACITY
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CG	CEILING GRILLE
CONC	CONCRETE
COND	CONDENSATE
CONN	CONNECTION
CONT	CONTINUATION
CONTR	CONTRACTOR
CR	CEILING REGISTER
D	DRAIN
DB	DRY BULB
DL	DOOR LOUVER
DN	DOWN
DTR	DOWN THRU ROOF
EA	EXHAUST AIR
(E), EXIST	EXISTING
ENT	ENTERING
EXH	EXHAUST
F.A.	FACE AREA
F	FAHRENHEIT
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FLEX	FLEXIBLE
GALV.	GALVANIZED
GA	GAUGE
HP	HORSEPOWER
IN	INCH
ISOL	ISOLATOR
LBS	POUNDS
LVG	LEAVING
M.A.	MIXED AIR
MAX	MAXIMUM
MBH	1000 BTU'S PER HOUR
MIN	MINIMUM
MOD	MODULATING DAMPER
MVD	MANUAL VOLUME DAMPER
(N)	NEW
NTS	NOT TO SCALE
OPER. WT.	OPERATING WEIGHT
OPNG	OPENING
OSA	OUTSIDE AIR
PD	PRESSURE DROP
PH	PHASE
PRESS	PRESSURE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
RA	RETURN AIR
RAR	RETURN AIR REGISTER
REQ'D	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
ϕ	ROUND DUCT
(SL)	SOUND LINED
SA	SUPPLY AIR
SP	STATIC PRESSURE
SF	SQUARE FEET
SWR	SIDEWALL REGISTER (RETURN)
SWRS	SIDEWALL REGISTER (SUPPLY)
TEMP	TEMPERATURE
TG	TOP GRILLE
T'STAT	THERMOSTAT
TYP	TYPICAL
UTR	UP THRU ROOF
V	VOLT
-----	EXIST DUCT PIPING OR EQUIP TO REMAIN
⌇⌇⌇⌇⌇	EXIST DUCT PIPING OR EQUIP TO BE REMOVED
—D—	CONDENSATE DRAIN
W/	WITH
WB	WET BULB
W.G.	WATER GAUGE

VIBRATION ISOLATOR SCHEDULE

EQUIPMENT SERVED	TYPE & MODEL	MINIMUM STATIC DEFLECTION (INCH)	SPRING O.D. (INCH)	STEEL MEMBER	REMARKS
AC-1 THRU AC-24	RMUAB-EQ-SH	1"	2"	ANGLE 3x2x1/4	COMPLETE W/ SEISMIC RESTRAINTS TIE DOWN PLATE

SCHOOLS EQUIPMENT ANCHORAGE

ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY THE DIVISION OF THE STATE STATE ARCHITECT (DSA)
BASICALY PIPING GREATER THAN 10½"ø AND DUCT GREATER THAN 28"ø OR 6 SQ. FT.

A COPY OF THE GUIDELINES PUBLISHED BY SMACNA AND APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.

THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO 1995 C.B.C., TABLE 16A-Ø.

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE VALUES BELOW SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.

ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE IN ANY DIRECTION USING THE FOLLOWING CRITERIA.

FIXED EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = Ø.4.

SEE 2312 (g) 2 FOR RIGID OR FLEXIBLE ELEMENT RIGID ELEMENTS PERIOD ≤ Ø.Ø6 SECOND USE 2x IF CLOSELY RESTRAINED.

MECHANICAL MANDATORY MEASURES

CONTROLS

EACH SPACE CONDITIONING SYSTEM SHALL BE INSTALLED WITH AN AUTOMATIC TIME SWITCH WITH AN ACCESSIBLE MANUAL OVERRIDE THAT ALLOWS OPERATION OF THE SYSTEM DURING OFF-HOURS FOR UP TO 4 HOURS. THE TIME SWITCH SHALL BE CAPABLE OF PROGRAMMING DIFFERENT SCHEDULES FOR WEEKDAYS AND WEEKENDS, INCORPORATE AN AUTOMATIC HOLIDAY "SHUT-OFF" FEATURE THAT TURNS OFF ALL LOADS FOR AT LEAST 24 HOURS, THEN RESUMES THE NORMALLY SCHEDULED OPERATION± AND HAS PROGRAM BACKUP CAPABILITIES THAT PREVENT THE LOSS OF THE DEVICE'S PROGRAM AND TIME SETTING FOR AT LEAST 10 HOURS IF POWER IS INTERRUPTED.

EACH SPACE CONDITIONING ZONE SHALL BE CONTROLLED BY AN INDIVIDUAL THERMOSTATIC CONTROL THAT RESPONDS TO TEMPERATURE WITHIN THE ZONE. WHERE USED TO CONTROL HEATING, THE CONTROL SHALL BE ADJUSTABLE DOWN TO 55° F OR LOWER. FOR COOLING, THE CONTROL SHALL BE ADJUSTABLE UP TO 85° F OR HIGHER. WHERE USED TO CONTROL BOTH HEATING AND COOLING, THE CONTROL SHALL BE CAPABLE OF PROVIDING A DEAD BAND OF AT LEAST 5Ø F WITHIN WHICH THE SUPPLY OF HEATING AND COOLING IS SHUT OFF OR REDUCED TO A MINIMUM.

THERMOSTATS SHALL HAVE NUMERIC SETPOINTS IN DEG F.

THERMOSTATS SHALL HAVE ADJUSTABLE SETPOINTS STOPS ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.

EQUIPMENT AND SYSTEMS EFFICIENCY

ANY APPLIANCE FOR WHICH THERE IS A CALIFORNIA STANDARD ESTABLISHED IN THE APPLIANCE EFFICIENCY STANDARDS MAY BE INSTALLED ONLY IF THE MANUFACTURER HAS CERTIFIED TO THE COMMISSION, AS SPECIFIED IN THOSE REGULATIONS, THAT THE APPLIANCE COMPLIES WITH THE APPLICABLE STANDARD FOR THAT APPLIANCE. INCLUDED ARE ROOM AIR CONDITIONERS, CENTRAL AIR CONDITIONING HEAT PUMPS (REGARDLESS OF CAPACITY, EXCEPT THAT REQUIREMENTS FOR CENTRAL AIR CONDITIONING HEAT PUMPS WITH COOLING CAPACITY OF 135,000 BTU/HR OR MORE APPLY TO HEATING PERFORMANCE BUT NOT COOLING PERFORMANCE), OTHER CENTRAL AIR CONDITIONERS WITH A COOLING CAPACITY LESS THAN 135,000 BTU/HR, FAN TYPE CENTRAL FURNACES WITH INPUT RATE LESS THAN 400,000 BTU/HR, BOILERS WALL FURNACES, FLOOR FURNACES, ROOM HEATERS, UNIT HEATERS, AND DUCT FURNACES SHALL HAVE BEEN CERTIFIED TO THE CALIFORNIA ENERGY COMMISSION BY ITS MANUFACTURER TO COMPLY WITH THE APPLIANCE EFFICIENCY STANDARDS.

THE FOLLOWING SPACE CONDITIONING EQUIPMENT MAY BE INSTALLED ONLY IF THE MANUFACTURER HAS CERTIFIED THAT THE EQUIPMENT MEETS OR EXCEEDS ALL APPLICABLE EFFICIENCY REQUIREMENTS LISTED IN 112 OF THE ENERGY EFFICIENCY STANDARDS: ALL AIR CONDITIONERS, HEAT PUMPS AND CONDENSING UNITS @ 135,000 BUT/HR, ALL WATER CHILLERS, ALL GAS-FIRED BOILERS @ 300,000 BTU/HR, ALL OIL-FIRED BOILERS @ 225,000 BTU/HR, AND ALL WARM AIR FURNACES AND COMBINATION WARM AIR FURNACES/AIR-CONDITIONING UNITS @ 225,000 BTU/HR. FAN TYPE CENTRAL FURNACES SHALL NOT HAVE A PILOT LIGHT.

AIR HANDLING DUCT SYSTEMS SHALL BE CONSTRUCTED, INSTALLED, SEALED, AND INSULATED AS PROVIDED IN CHAPTER 6 OF THE UNIFORM MECHANICAL CODE.

VENTILATION

CONTROLS SHALL BE PROVIDED TO ALLOW OUTSIDE AIR DAMPERS OR DEVICES TO BE OPERATED AT THE VENTILATION RATES AS SPECIFIED IN THESE PLANS.

GRAVITY OR AUTOMATIC DAMPERS INTERLOCKED AND CLOSED ON FAN SHUTDOWN SHALL BE PROVIDED ON THE OUTSIDE AIR INTAKES AND DISCHARGES OF ALL SPACE CONDITIONING AND EXHAUST SYSTEMS.

ALL GRAVITY VENTILATING SYSTEMS SHALL BE PROVIDED WITH AUTOMATIC OR READILY ACCESSIBLE MANUALLY OPERATED DAMPERS IN ALL OPENINGS TO THE OUTSIDE, EXCEPT FOR COMBUSTION AIR OPENINGS.

AIR BALANCING: ALL SPACE CONDITIONING AND VENTILATION SYSTEMS SHALL BE BALANCED TO THE QUANTITIES SPECIFIED IN THESE PLANS, IN ACCORDANCE WITH THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB) PROCEDURAL STANDARDS, OR ASSOCIATED AIR BALANCE COUNCIL (AABC) NATIONAL STANDARDS.

OUTSIDE AIR CERTIFICATION: THE SYSTEM SHALL PROVIDE THE MINIMUM OUTSIDE AIR AS SHOWN ON THE MECHANICAL DRAWINGS, AND SHALL BE MEASURED AND CERTIFIED BY THE INSTALLING LICENSED C-20 MECHANICAL CONTRACTOR.

GENERAL NOTES

1. MECHANICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT MANY OFFSETS, BENDS, ELBOWS, SPECIAL FITTINGS AND EXACT LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING & RELATED APPURTENANCES ARE NOT INDICATED. THE CONTRACTOR SHALL CAREFULLY STUDY THE DRAWINGS AND ACTUAL FIELD CONDITIONS IN ORDER TO DETERMINE THE BEST METHODS, EXACT LOCATION, ROUTING, ANY OBSTRUCTIONS, WORK BY OTHER TRADES, ETC., WHICH EFFECT THE INSTALLATION OF HIS WORK. REFER TO SECTION 15Ø1Ø-5 PARAGRAPH 1.7 FOR ADDITIONAL REQUIREMENTS.
2. CONTRACTOR SHALL COORDINATE ALL ROOF, FLOOR & WALL OPENINGS FOR DUCTWORK, PIPING, ETC., WITH THE GENERAL CONTRACTOR TO ACCOMMODATE DUCT & PIPING ARRANGEMENT INDICATED ON THE DRAWINGS.
3. SUBMIT SHOP DRAWINGS OF EQUIPMENT LAYOUT, DUCT LAYOUT, PIPING LAYOUT, DUCT SUPPORTS & PIPE SUPPORTS AND RELATED ACCESSORIES PRIOR TO FABRICATING ANY OF THE MATERIALS REQUIRED FOR THIS PROJECT. REFER TO SECTION 15Ø1Ø-2, PARAGRAPH 1.3C FOR ADDITIONAL INFORMATION
4. ALL DUCTWORK AND PIPING IN BUILDING SHALL BE INSTALLED CONCEALED ABOVE CEILING OR IN WALL EXCEPT IN LOCATIONS PRE-APPROVED BY THE ARCHITECT TO BE EXPOSED
5. ANY EXPOSED DUCTS, PIPING, & ACCESSORIES THAT ARE ALLOWED SHALL BE INSTALLED IN LOCATIONS THAT ARE INCONSPICUOUS AS POSSIBLE, AND SHALL FOLLOW THE LINES OF THE STRUCTURE AS CLOSELY AS POSSIBLE.
6. AESTHETICS ARE A VERY IMPORTANT COMPONENT OF THIS PROJECT. INSTALLATION OF MECHANICAL WORK SHALL BE OF THE HIGHEST QUALITY AND CRAFTSMANSHIP POSSIBLE.
7. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH SPECIFICATIONS SECTION 15Ø1Ø, PARAGRAPH 1.3, PRIOR TO FABRICATION OF DUCTWORK, RELATED ACCESSORIES & VIBRATION ISOLATORS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

APPL 100451
AC FLS SS
DATE APR 09 1998

BID SET

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 02437 Exp. 6-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4920 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

LEGEND ABBREVIATIONS, NOTES AND SCHEDULE

AS BUILT DRAWINGS

SHEET NO.: M-1

SCALE: NONE
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: BM
CHECKED BY: CG 1 OF 14

CEDG No. 9641

G:\PROJECT\GSOP\VALMEN\9641\MECH\9641M1.DWG PLOTTED: 4/9/98

PACKAGED AIR CONDITIONING UNIT SCHEDULE

UNIT	MANUFACTURER & MODEL NO. CARRIER	SERVICE	CFM	ESP (IN. WG.)	COOLING CAP (MBH) TOTAL	COOLING CAP (MBH) SENS.	EWB TEMP °F	ENT. COND. TEMP. °F	SEER	HEATING CAPACITY INPUT MBH	HEATING CAPACITY OUTPUT MBH	EVAPORATOR COIL ROWS	EVAPORATOR COIL FPI	EVAPORATOR COIL FACE AREA	CONDENSER COIL ROWS	CONDENSER COIL FPI	CONDENSER COIL FACE AREA	INDOOR FAN NO.	INDOOR FAN SIZE	INDOOR FAN RPM	INDOOR FAN BHP (MAX)	OUTDOOR FAN NO.	OUTDOOR FAN DIA.	OUTDOOR FAN RPM	OUTDOOR FAN HP (EA.)	ELECTRICAL COMP. NO. 1 (RLA)	ELECTRICAL COMP. NO. 2 (RLA)	ELECTRICAL OFM (FLA)	ELECTRICAL IFM (FLA)	ELECTRICAL V	ELECTRICAL PHASE	ELECTRICAL HZ	ELECTRICAL MCA	ELECTRICAL MOCP	FILTER (INCHES) 60%	OPER. WT. (LBS)	ACCESSORIES	REMARKS
AC 1	48SX024040 SIDE DISCHARGE	BUILDING A	800	.6	23.4	16.1	67	95	12.0	40	32.8	2	15	3.6	2	17	7.0	1	10x10	—	—	1		1100	1/4	12.9	—	1.4	2.0	208	1	60	19.5	30	24x24	500	OSA INTAKE HOOD	
AC 2	48HJD005 SIDE DISCHARGE	BUILDING A	1600	.7	48.9	34.7			13.0	50	40	2	15	5.5	2	17	16.5	1	10x10	840	1.20	1	22	825	1/4	13.5	—	0.7	4.9	208	3	60	22.5	30	2-16x25x2	725		
AC 3 THRU AC 12	48HJD005 SIDE DISCHARGE	BUILDING B	1600	.7	48.9	34.7			13.0	50	40	2	15	5.5	2	17	16.5	1	10x10	840	1.20	1	22	825	1/4	13.5	—	0.7	4.9	208	3	60	22.5	30	2-16x25x2	725		
AC 13 THRU AC 20	48HJD005 SIDE DISCHARGE	BUILDING C	1600	.7	48.9	34.7			13.0	50	40	2	15	5.5	2	17	16.5	1	10x10	840	1.20	1	22	825	1/4	13.5	—	0.7	4.9	208	3	60	22.5	30	2-16x25x2	725		
AC 21	48HJD014 SIDE DISCHARGE	BUILDING D	5000	.8	149.6	114.4			9.9	180	147.6	4	15	11.1	2	17	25	1	15x15	900	5.25	2	22	1100	1/4	19.0	19.0	1.4	15	208	3	60	60.6	70	4-20x20x2	1120	ECONOMIZER	POWER EXHAUST ECONOMIZER FAN (2.3 FLA, 1/2 HP, 208V, 3Ø)
AC 22	48SX024040 SIDE DISCHARGE	BUILDING D	800	.6	23.4	16.1			12.0	40	32.8	2	15	3.6	2	17	7.0	1	10x10	—	—	1	20	1100	1/4	12.9	—	1.4	2.0	208	1	60	19.5	30	24x24	500	OSA INTAKE HOOD	
AC 23 AND AC 24	48HJD004 SIDE DISCHARGE	BUILDING E	1200	.7	37.8	27.2	67	95	13.0	50	40	2	15	5.5	1	17	14.6	1	10x10	760	1.20	1	22	825	1/4	10.3	—	0.7	4.9	208	3	60	18.5	25	2-16x25x2	700		

HEATING AND VENTILATING UNIT SCHEDULE

UNIT	MANUFACTURER & MODEL NO.	SERVICE	CFM	ESP (IN WG.)	HEATING CAP. INPUT (MBH)	HEATING CAP. OUTPUT (MBH)	FAN HP	FAN FLA	FAN RPM	ELECTRICAL V	ELECTRICAL PH	ELECTRICAL HZ	FILTER (INCHES)	OPER. WT. (LBS)	REMARKS
HV 1	REZNOR INDIRECT GAS FIRED MODEL RPB SIZE 125	KITCHEN MAKE-UP	2100	0.8	125	100	1	3.6	1040	208	3	60	(2) 20x25x2 60%	650	KITCHEN MAKE-UP AIR

FAN SCHEDULE

UNIT	SERVICE	MANUFACTURER & MODEL	TYPE	CFM	SP IN W.G.	TS OR OV (FPM)	FAN RPM	MOTOR HP	MOTOR VOLT	MOTOR PH	MOTOR HZ	WT. LBS	FAN WHEEL DIA. IN (MIN)	REMARKS
EF 1	BLDG D KITCHEN HOOD EXHAUST	LOREN COOK 150VH6B	CURB MOUNTED	1200	1.25	1100	1800	3/4	120	1	60	110	15	GRILL EXHAUST, FURNISH W/ VENTED ROOF CURB, GREASE TRAP & NEMA 3R DISCONNECT.

AIR DOOR SCHEDULE

UNIT	SERVICE	MANUFACTURER & MODEL NO.	TYPE	CFM	NOZZLE VEL. FPM	FAN RPM	MOTOR HP	MOTOR VOLT	MOTOR PH	MOTOR HZ	OPER. WT. (LBS)	REMARKS
AD 1 AD 2	BLDG D KITCHEN 207	MARS MODEL 36CH	AIR CURTAIN	2550	3400	1750	1/2	120	1	60	63	FURNISHED WITH ON/OFF CONTROL MICRO SWITCH
AD 3	BLDG D KITCHEN 207	MARS MODEL 36CH	AIR CURTAIN	2550	3400	1750	1/2	120	1	60	63	FURNISHED WITH ON/OFF CONTROL MICRO SWITCH

MISCELLANEOUS EQUIPMENT SCHEDULE

FC 1 (BLDG. "C") CARRIER DUCTLESS WALL MOUNTED SPLIT SYSTEM FAN COIL UNIT MODEL 42KB009, 250 CFM @ 0.0" ESP, 1500 FAN RPM 1/16 HP MOTOR, 16 LB OF R-22, WITH (2) 10x14 CLEANABLE FILTERS. MOTOR FLA=0.35, 208V-1Ø-60 HZ. APPROX. OPER. WT.=36 LBS. PROVIDE WITH UNIT MOUNTING KIT.

CU 1 (BLDG. "C") CARRIER CONDENSING UNIT MODEL 38KB009 (OUTDOOR UNIT), TOTAL NET COOLING CAPACITY 8.84 MBH @ 67°F AIR ENT @ EVAPORATOR 95°F OUTDOOR AIR ENT CONDENSER. REFR. CHARGE 16 LB R-22, 14½" DIA. OUTDOOR FAN 1/16 HP, OUTDOOR COIL 3.5 SF, 2 ROWS, 14 FPI. COMPRESSOR 9.2 RLA, FAN 0.64 RLA, MCA=12.1, MCOP=15, 208V-1Ø-60 HZ. APPROX. WT.=75 LBS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 0 0 1998

BID SET

OSBORN ARCHITECTS

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 10459 Exp. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4920 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1.
2.
3.
4.
5.

SHEET TITLE:
EQUIPMENT SCHEDULES

AS BUILT DRAWINGS

SHEET NO.
SCALE: NONE
DATE: 04/07/98
JOB NO: 9641
M-2
DRAWN BY: BM
CHECKED BY: CG
2 OF 14

CEDG No. 9641

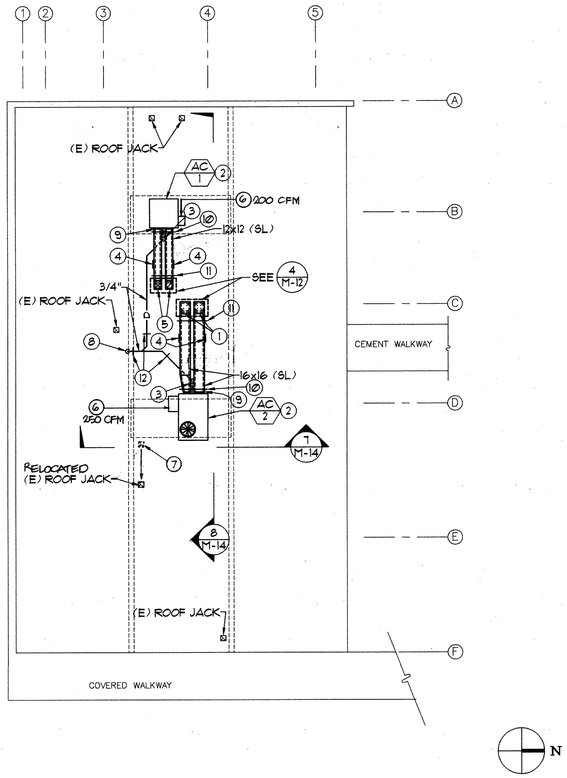
G:\PROJECT\2000\VALVIEW\9641\MECH\9641MECH.DWG PLOTTED: 4/8/98

CONSTRUCTION NOTES:

1. 16x16 SA (SL) & RA (SL) DTR. (4/M-12)
2. FOR AC UNIT SUPPORT (1/S-11) (8/M-12)
3. 3/4" CONDENSATE DRAIN W/ TRAP. (3/M-12)
4. DUCT CLEANING ACCESS DOOR. SEE SPECS
5. 12x12 SA & RA DTR (2/M-12)
6. OSA INTAKE HOOD. SET MVD FOR CFM SHOWN.
7. RELOCATE ROOF JACK AS SHOWN. PATCH ROOF TO MATCH EXISTING.
8. 3/4" CONDENSATE DRAIN DTR. (6/M-12)
9. FLEXIBLE CONNECTION WITH SHEET METAL COVER (TYP FOR SA & RA DUCT).
10. DUCT/PIPE SUPPORT (7/M-12)
11. DUCT/PIPE SUPPORT (9/M-12)
12. PIPE SUPPORT (11/M-12)

GENERAL NOTES:

1. MECH CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ROOF OPENINGS & EQUIPMENT PLATFORMS W/ GEN. CONTRACTOR TO ACCOMMODATE ALL HVAC UNITS & ASSOCIATED DUCTWORK.
2. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS W/ STRUCTURAL DWG'S. AGAINST THE DIMENSIONS OF STRUCTURAL STEEL ISOLATION BASES.
3. ALL OSA INTAKE SHALL BE 10'-0" MIN. FROM PLMB. VENT THRU ROOF OR EXHAUST.



ADMINISTRATION BLDG. A - RENOVATION ROOF PLAN

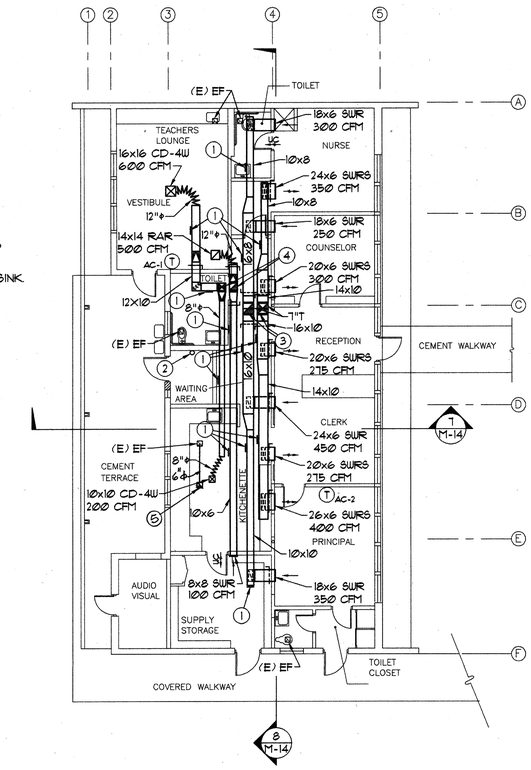
SCALE: 1/8"=1'-0" (1)

GENERAL NOTES:

1. PROVIDE EXTRACTORS AT ALL BRANCH TAKE-OFF DUCTS (SA & RA).

CONSTRUCTION NOTES:

1. DUCT CLEANING ACCESS DOOR. SEE SPECS
2. 3/4"COND. DRAIN UTR. DN & SPILL INTO (E) FLOOR SINK. TERMINATE 1" ABOVE SINK. SEE PLBG DWG'S.
3. 16x16 (SL) SA & RA UTR.
4. 12x12 (SL) SA & RA UTR.
5. 6" Ø EXH. UTR. & TRANSITION TO RELOCATED ROOF JACK.



ADMINISTRATION BLDG. A - RENOVATION FLOOR PLAN

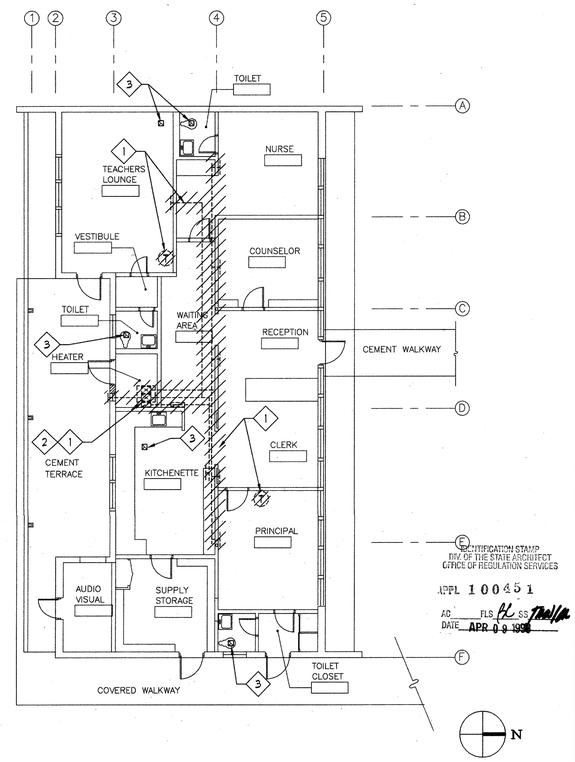
SCALE: 1/8"=1'-0" (2)

DEMOLITION NOTES:

1. REMOVE (E) EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS, LOUVERS, GRILLES, EXHAUST FAN, ASSOCIATED SUPPORTS, GAS FLUE THRU ROOF, RELIEF VENT THRU ROOF, THERMOSTATS AND OTHER RELATED ACCESSORIES. PATCH ROOF & WALL OPENINGS RESULTING FROM DEMOLITION WORK TO MATCH EXISTING SURFACE. CLEAN UP HEATER ROOM.
2. DELIVER (E) HEATING & VENTILATING UNITS TO GUSD AS DIRECTED.
3. (E) EXH FAN & ASSOCIATED CONTROL WIRING TO REMAIN.

DEMOLITION GENERAL NOTES:

1. ALL DEMOLITION WORK SHALL BE IN STRICT ACCORDANCE WITH ALL CODES AND AUTHORITIES HAVING JURISDICTION.
2. VISIT THE JOBSITE TO DETERMINE THE EXTENT OF DEMOLITION WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES. REVISE, REARRANGE, REROUTE OR REMOVE EXISTING PIPING AND RELATED APPURTENANCES AS REQUIRED TO ACCOMMODATE THE CHANGES AND TO PROVIDE CONTINUING SERVICE FOR THOSE EXISTING PORTIONS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION.
3. EXISTING CONDITIONS: THE INTENT OF THE DRAWINGS IS TO SHOW THE EXISTING CONDITIONS WITH INFORMATION DEVELOPED FROM ORIGINAL CONSTRUCTION DRAWINGS, FIELD SURVEYS, AND BUILDING RECORDS.
   - A. VERIFICATION OF CONDITIONS: THE CONTRACTOR SHALL MAKE A DETAILED SURVEY OF THE EXISTING CONDITIONS PERTAINING TO THE WORK UNDER HIS SCOPE PRIOR TO COMMENCING HIS OPERATION. ALL DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT IN WRITING FOR CLARIFICATION OR INSTRUCTIONS, AND NO WORK SHALL BE DONE WHERE SUCH CONFLICTS OR DISCREPANCIES OCCUR PRIOR TO RECEIPT OF ARCHITECT'S INSTRUCTIONS.
   - B. EXTENT: DEMOLITION AND REMOVAL OF WORK SHALL BE PERFORMED TO THE EXTENT INDICATED, PLUS ANY ADDITIONAL DEMOLITION AND REMOVAL AS IS NECESSARY FOR THE INSTALLATION OF NEW WORK AND REMODELING OF EXISTING WORK, REGARDLESS OF THE WORK SHOWN ON THE DRAWINGS.
4. EXISTING EQUIPMENT REMOVED SHALL BE DISPOSED OF AS INDICATED ON THE DRAWINGS.



ADMINISTRATION BLDG. A - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-0" (3)

BID SET

© OSBORN ARCHITECTS PLOTTED: 4/9/98

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN LIC. C 20817 Exp. 1/31/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER C.G. GATILAO No. 024518 EXP 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT
MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
ADMINISTRATION BUILDING "A" DEMO-RENOV FLOOR PLANS

AS BUILT DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 09 1998

SHEET NO.: M-3

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: BM MT
CHECKED BY: CG 3 OF 14

CEDG No. 9641

CEILING DIFFUSER AND REGISTER SCHEDULE

DIFFUSER			REGISTER		
SYMBOL	C F M	SIZE	SYMBOL	C F M	SIZE
A-* / *-*	50 TO 185	8 X 8	J-* / *-*	45 TO 215	8 X 8
B-* / *-*	190 TO 285	10 X 10	K-* / *-*	220 TO 255	10 X 8
C-* / *-*	290 TO 405	12 X 12	L-* / *-*	260 TO 325	10 X 10
D-* / *-*	410 TO 565	14 X 14	M-* / *-*	330 TO 475	12 X 12
E-* / *-*	570 TO 725	16 X 16	N-* / *-*	480 TO 600	14 X 14
F-* / *-*	730 TO 925	18 X 18	P-* / *-*	605 TO 750	16 X 16
G-* / *-*	930 TO 1125	20 X 20	Q-* / *-*	755 TO 1150	18 X 18
H-* / *-*	1130 TO 1365	22 X 22	R-* / *-*	1155 TO 1520	20 X 20

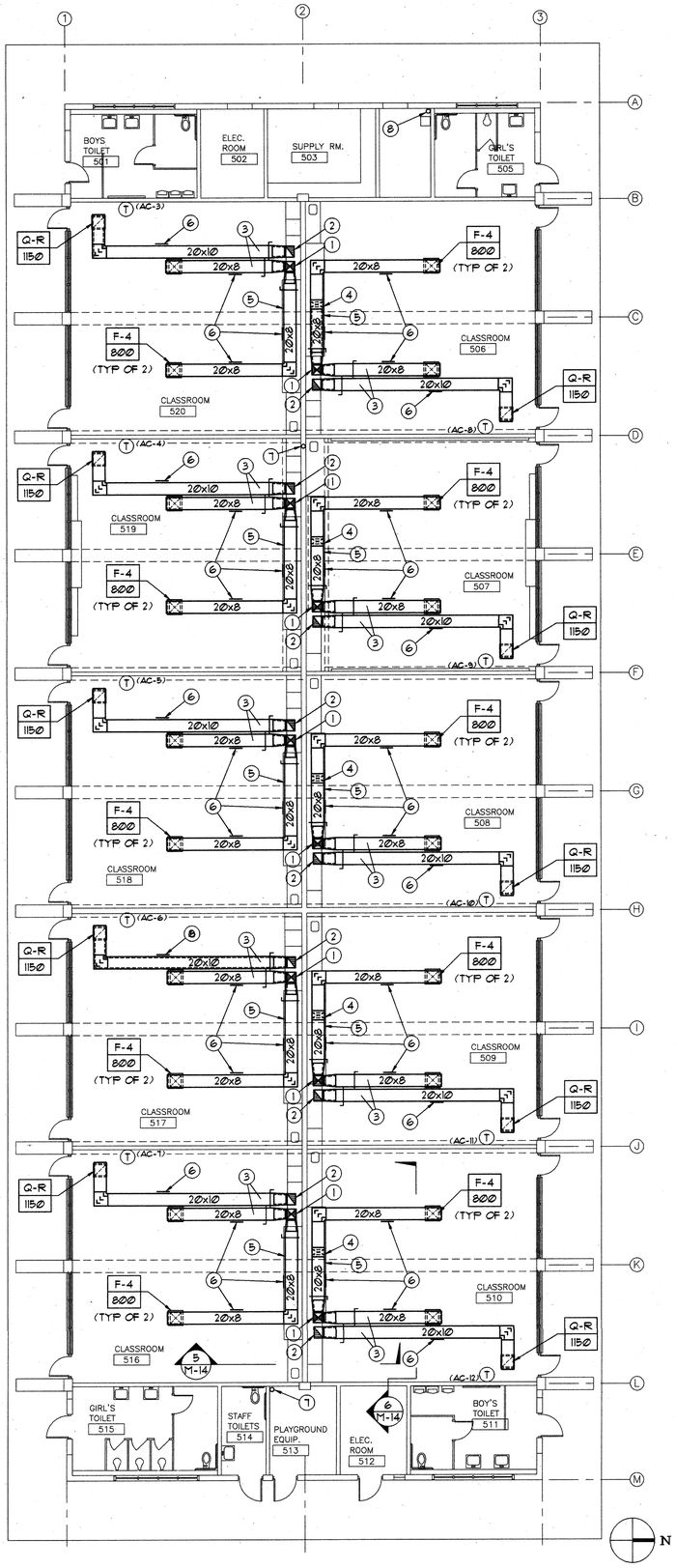
NOTE: * 4 SUPPLY AIR 4-WAY BLOW SHOWN, SEE PLAN.
* R RETURN AIR, SEE PLAN.
* X EXHAUST AIR, SEE PLAN.
- ACTUAL C.F.M. CAPACITY, SEE PLAN.
(SIZES SHOWN ARE NECK SIZE)

GENERAL NOTES:

1. FOR EXACT LOCATION OF CEILING DIFFUSERS, GRILLES & REGISTERS, SEE ARCH'L REFLECTED CEILING PLAN.
2. COORDINATE DUCTWORK WITH ELECTRICAL CABLE TRAY. SEE ELECTRICAL DWG'S.
3. CONTRACTOR SHALL COORDINATE WITH ELECT. CONTRACTOR, INSTALLATION OF ALL DUCTWORK AGAINST ELECT. LIGHTING CONDUITS & JUNCTION BOXES. IT SHOULD BE NOTED THAT SPACE ABOVE CEILING IS VERY TIGHT.

CONSTRUCTION NOTES:

1. 15x15 (SL) SA UTR.
2. 15x15 (SL) RA UTR.
3. DUCT IN 4'-Ø" SPACE BETWEEN LIGHTS. COORDINATE DUCTWORK LOCATION WITH OTHER TRADES DURING CONSTRUCTION.
4. 20x8 SA RISE UP IN SOFFIT & RUN ABOVE CEILING TO CD.
5. 20x8 SA BELOW BEAM IN SOFFIT.
6. DUCT CLEANING ACCESS DOOR SEE SPECS
7. 1" COND. DRAIN UTR & DN & FIXED AIR GAP SEE PLMB. DWG'S.
8. 1" COND. DRAIN UTR , DN & SPILL INTO (E) SERVICE SINK TERMINATE 1" ABOVE SINK.

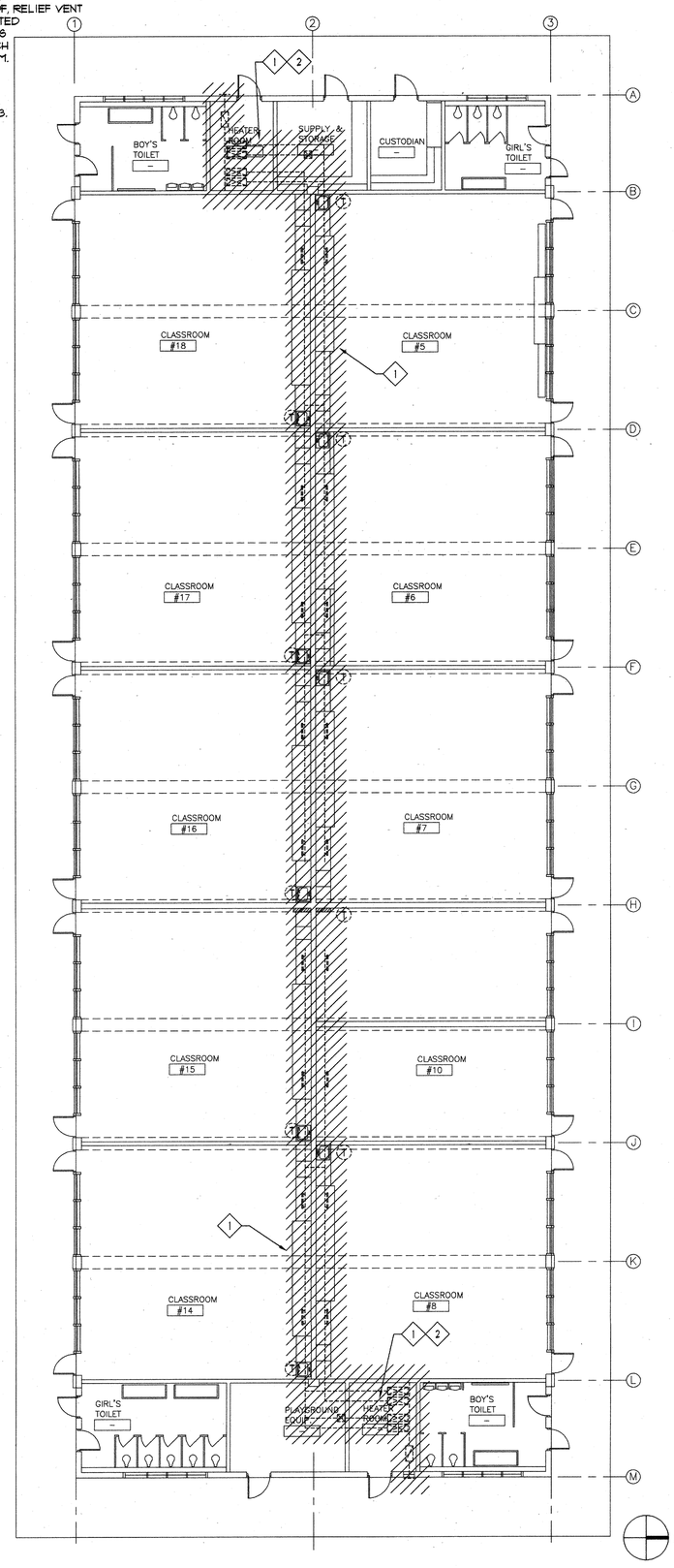


CLASSROOM BLDG. B - RENOVATION FLOOR PLAN

SCALE: 1/8"=1'-Ø" (1)

DEMOLITION NOTES:

1. REMOVE (E) EQUIPMENT DUCTWORK, DIFFUSERS, REGISTERS, LOUVERS, GRILLES, EXHAUST FAN, ASSOCIATED SUPPORTS, GAS FLUE THRU ROOF, RELIEF VENT THRU ROOF, THERMOSTATS AND OTHER RELATED ACCESSORIES PATCH ROOF & WALL OPENINGS RESULTING FROM DEMOLITION WORK TO MATCH ADJUSTMENT AREAS. CLEAN UP HEATER ROOM.
2. DELIVER (E) HEATING & VENTILATING UNITS TO GUSD AS DIRECTED.
3. SEE DEMOLITION GENERAL NOTES ON SHT M-3.



CLASSROOM BLDG B - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-Ø" (2)

BID SET

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. M24818 EXP. 6-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
CLASSROOM BUILDING "B" DEMO-RENOV FLOOR PLANS

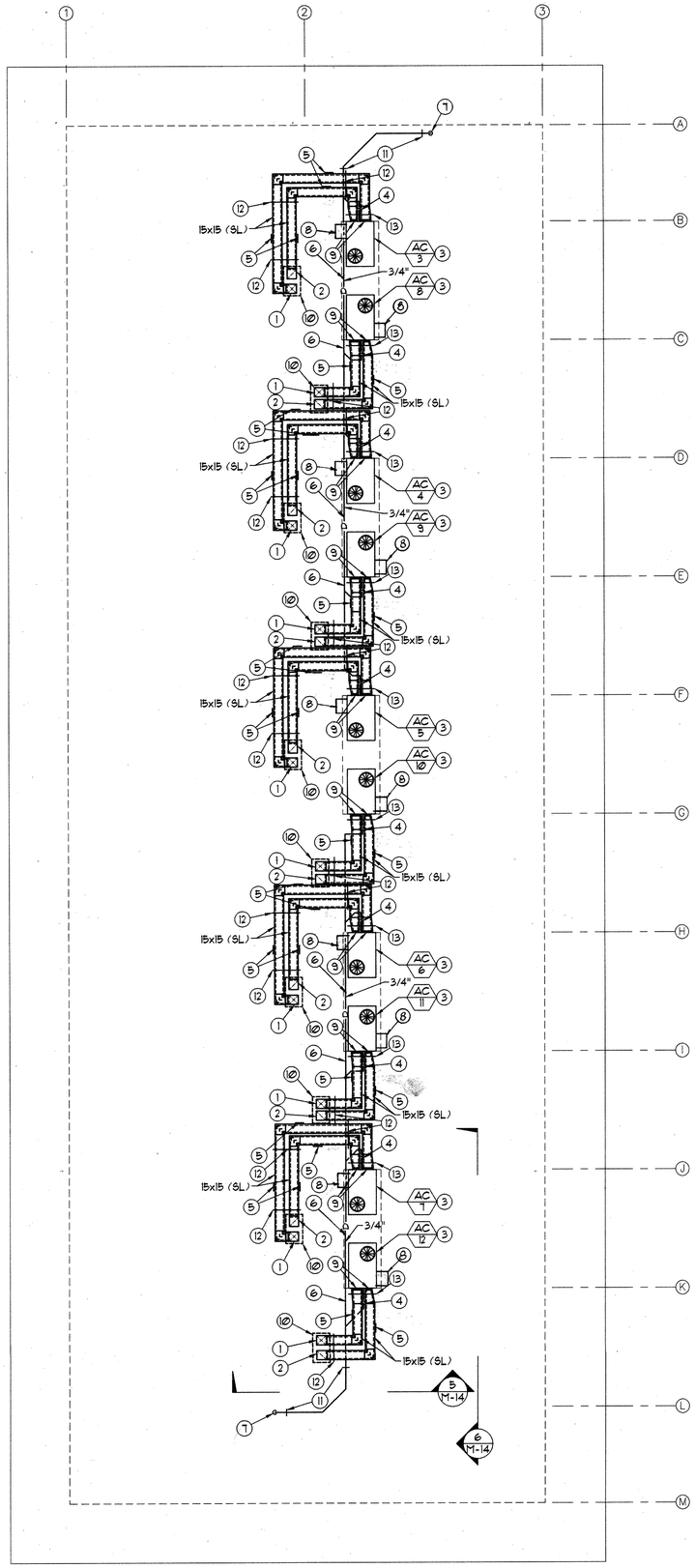
AS-BUILT DRAWINGS
DSA/CONSTRUCTION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGIONAL SERVICES
APPL 100251
AC FLS SS
DATE APR 09 1998

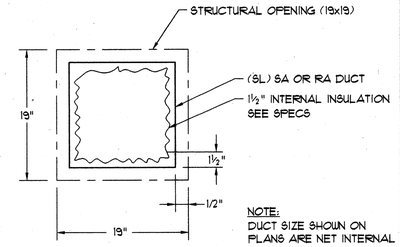
SHEET NO.: M-4

SCALE: 1/8"=1'-Ø"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM
CHECKED BY: CG 4 OF 14

CEDG No. 5641

G:\PROJECT\GSD\VALVIEW\5641\MECH\SH14M.DWG PLOTTED 4/9/98





NOTE:
DUCT SIZE SHOWN ON PLANS ARE NET INTERNAL DIMENSION.

DUCT OPENING DETAIL

SCALE: NONE

2

CONSTRUCTION NOTES:

1. 15x15 (SL) SA DTR 2/M-5
2. 15x15 (SL) RA DTR 2/M-5
3. FOR AC UNIT SUPPORT 1/S-12 8/M-12
4. 3/4" CONDENSATE DRAIN W/ TRAP. 3/M-12
5. DUCT CLEANING ACCESS DOOR. SEE SPECS 7/M-12
6. SECURE PIPE EQUIP. SUPPORT W/ UNISTRUT WELDED SUPPORTS, PROVIDE W/ PIPE CLAMPS.
7. 1" CONDENSATE DRAIN DTR. SEE 6/M-12
8. OSA INTAKE HOOD. SET MVD FOR 450 CFM.
9. FLEXIBLE CONNECTION WITH SHEET METAL COVER (TYP FOR SA & RA DUCT).
10. SEE DETAIL 4/M-12
11. PIPE SUPPORT 11/M-12
12. DUCT/PIPE SUPPORT 9/M-12
13. DUCT/PIPE SUPPORT 7/M-12

GENERAL NOTES:

1. MECH CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ROOF OPENINGS & EQUIPMENT PLATFORMS W/ GEN. CONTRACTOR TO ACCOMMODATE ALL HVAC UNITS, ASSOCIATED DUCTWORK, & ECONOMIZER.
2. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS W/ STRUCTURAL DWG'S. AGAINST THE DIMENSIONS OF STRUCTURAL STEEL ISOLATION BASES.
3. ALL OSA INTAKE SHALL BE 10'-0" MIN FROM PLBG VENT THRU ROOF OR EXHAUST.
4. CONTRACTOR SHALL COORDINATE ALL DUCTWORK PENETRATION OPENINGS W/ STRUCTURAL DWG'S. BEFORE SAW CUTTING. NET SA & RA DUCT OPENING PLUS 2" ALL AROUND. ALL OTHER PLUS 1½" ALL AROUND SEE 2/M-5

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OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 09 1998

N

CLASSROOM BLDG. B - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0"

1

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER C. G. GATILAO No. 024516 Exp. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
CLASSROOM BUILDING "B" RENOVATION ROOF PLAN

AS BUILT DRAWINGS

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM
CHECKED BY: C.G.

SHEET NO.: M-5

5 OF 14

CEDG No. 5641

CEILING DIFFUSER AND REGISTER SCHEDULE

DIFFUSER			REGISTER		
SYMBOL	C F M	SIZE	SYMBOL	C F M	SIZE
A-*/*-*	50 TO 185	8 X 8	J-*/*-*	45 TO 215	8 X 8
B-*/*-*	190 TO 285	10 X 10	K-*/*-*	220 TO 255	10 X 8
C-*/*-*	290 TO 405	12 X 12	L-*/*-*	260 TO 325	10 X 10
D-*/*-*	410 TO 565	14 X 14	M-*/*-*	330 TO 475	12 X 12
E-*/*-*	570 TO 725	16 X 16	N-*/*-*	480 TO 600	14 X 14
F-*/*-*	730 TO 925	18 X 18	P-*/*-*	605 TO 750	16 X 16
G-*/*-*	930 TO 1125	20 X 20	Q-*/*-*	755 TO 1150	18 X 18
H-*/*-*	1130 TO 1365	22 X 22	R-*/*-*	1155 TO 1520	20 X 20

NOTE:
- * 4 SUPPLY AIR 4-WAY BLOW SHOWN, SEE PLAN.
- * R RETURN AIR, SEE PLAN.
- * X EXHAUST AIR, SEE PLAN.
- *-* ACTUAL C.F.M. CAPACITY, SEE PLAN.

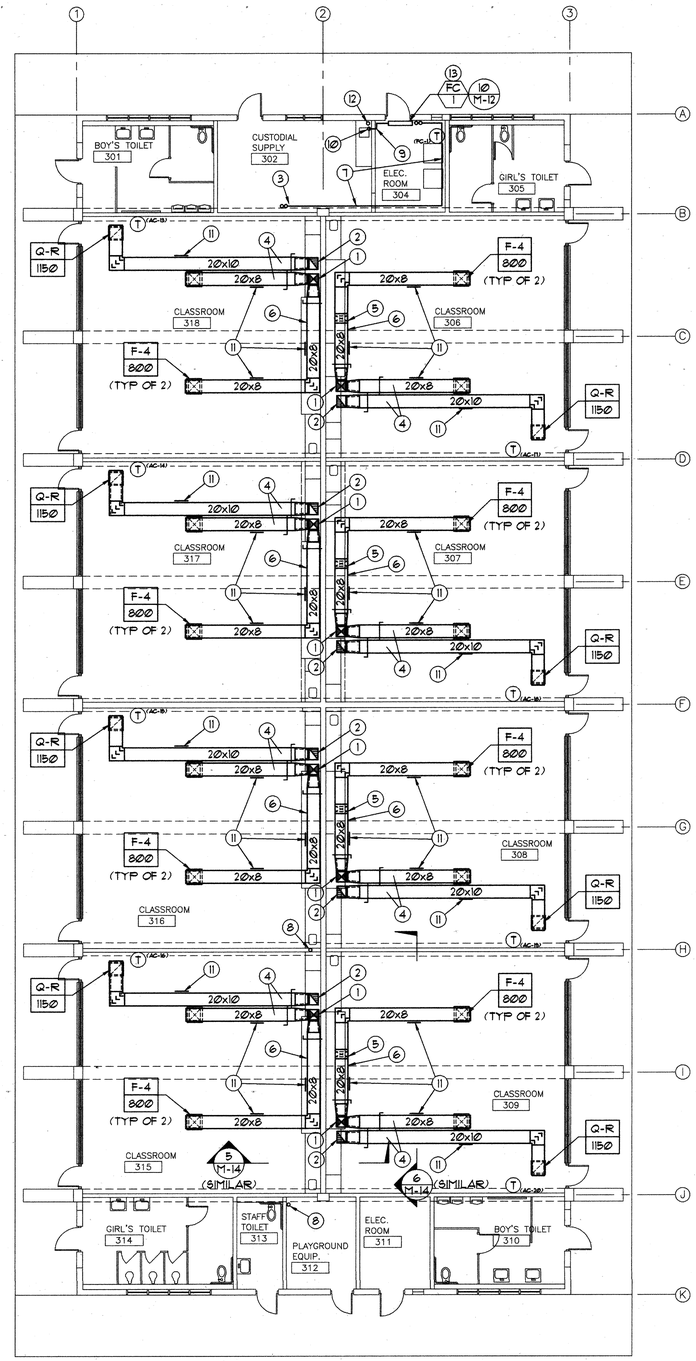
(SIZES SHOWN ARE NECK SIZE)

GENERAL NOTES:

1. FOR EXACT LOCATION OF CEILING DIFFUSERS, GRILLES & REGISTERS. SEE ARCH'L REFLECTED CEILING PLAN.
2. COORDINATE DUCTWORK WITH ELECTRICAL CABLE TRAY. SEE ELECTRICAL DWG'S.
3. CONTRACTOR SHALL COORDINATE WITH ELECT. CONTRACTOR, INSTALLATION OF ALL DUCTWORK AGAINST ELECT. LIGHTING CONDUITS & JUNCTION BOXES. IT SHOULD BE NOTED THAT SPACE ABOVE CEILING IS VERY TIGHT.

CONSTRUCTION NOTES:

1. 15x15 (SL) SA UTR.
2. 15x15 (SL) RA UTR.
3. 1/4" RS & RL INSULATE SEPARATELY
4. DUCT IN 4'-0" SPACE BETWEEN LIGHTS. COORDINATE DUCTWORK LOCATION WITH OTHER TRADES DURING CONSTRUCTION.
5. 20x8 (SL) SA RISE UP IN SOFFIT TO RUN ABOVE CEILING TO CD.
6. 20x8 (SL) SA BELOW BEAM IN SOFFIT.
7. SECURE REFRIGERANT LINES FROM WALL OR CEILING HIGH AS POSSIBLE. USE PIPE CLAMPS OR PIPE HANGERS.
8. 1" CONDENSATE DRAIN UTR & DN TO FIXED AIR GAP. SEE PLUMBING DWG'S
9. 3/4" COND. DRAIN SECURE FROM WALL.
10. 3/4" COND. DRAIN THRU WALL DN. & SPILL INTO (E) SERVICE SINK TERMINATE 1" ABOVE SINK.
11. DUCT CLEANING ACCESS DOOR SEE SPECS
12. 1" CONDENSATE DRAIN UTR, DN & SPILL INTO (E) SERVICE SINK TERMINATE 1" ABOVE SINK.
13. INSTALL ABOVE DOOR HIGH AS POSSIBLE TO CLEAR TOP OF DOOR.

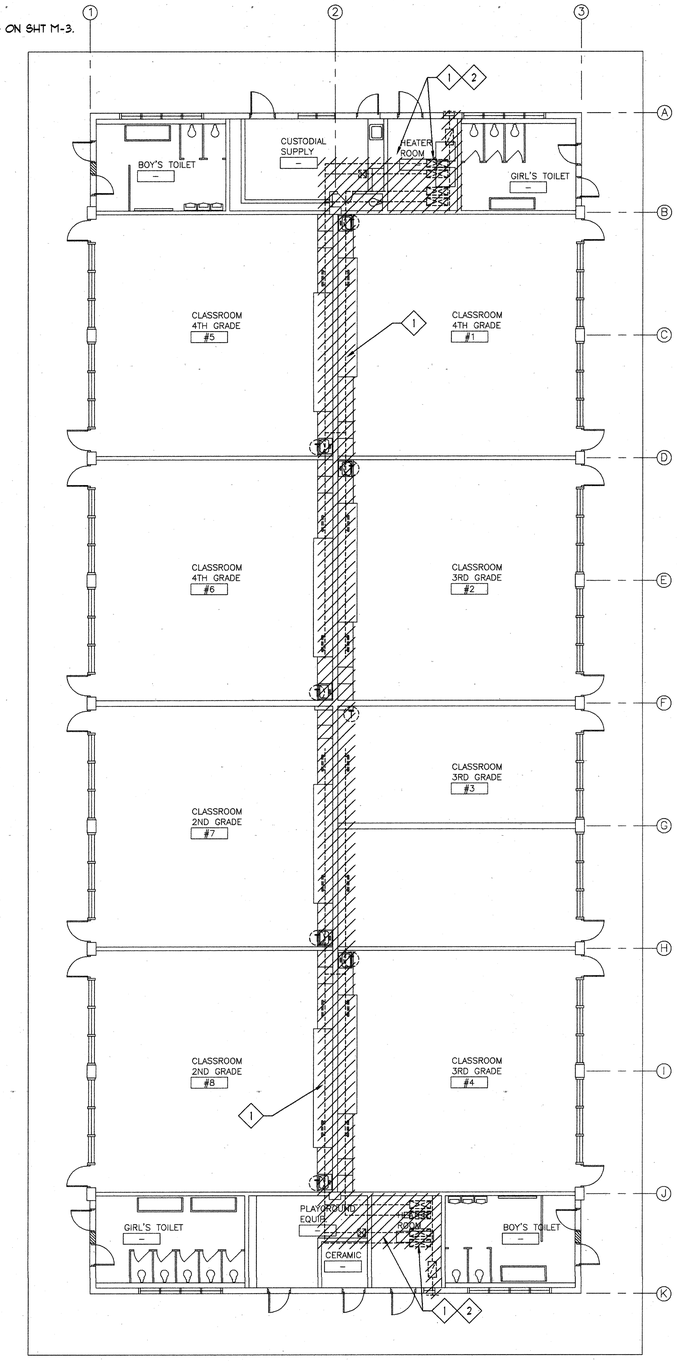


CLASSROOM BLDG C - RENOVATION FLOOR PLAN

SCALE: 1/8"=1'-0" (1)

DEMOLITION NOTES:

1. REMOVE (E) EQUIPMENT DUCTWORK, DIFFUSERS, REGISTERS, LOUVERS, GRILLES, EXHAUST FAN, ASSOCIATED SUPPORTS, GAS FLUE THRU ROOF, RELIEF VENT THRU ROOF, THERMOSTATS AND OTHER RELATED ACCESSORIES PATCH ROOF & WALL OPENINGS RESULTING FROM DEMOLITION WORK TO MATCH ADJUSTMENT AREAS. CLEAN UP HEATER ROOM.
2. DELIVER (E) HEATING & VENTILATING UNITS TO GUSD AS DIRECTED.
3. SEE DEMOLITION GENERAL NOTES ON SHT M-3.



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OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS BL SS
DATE APR 09 1998

CLASSROOM BLDG C - DEMOLITION ROOF PLAN

SCALE: 1/8"=1'-0" (2)

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 1/30/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 024618 EXP. 6-30-99 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
CLASSROOM BUILDING "C" DEMO-RENOV FLOOR PLANS

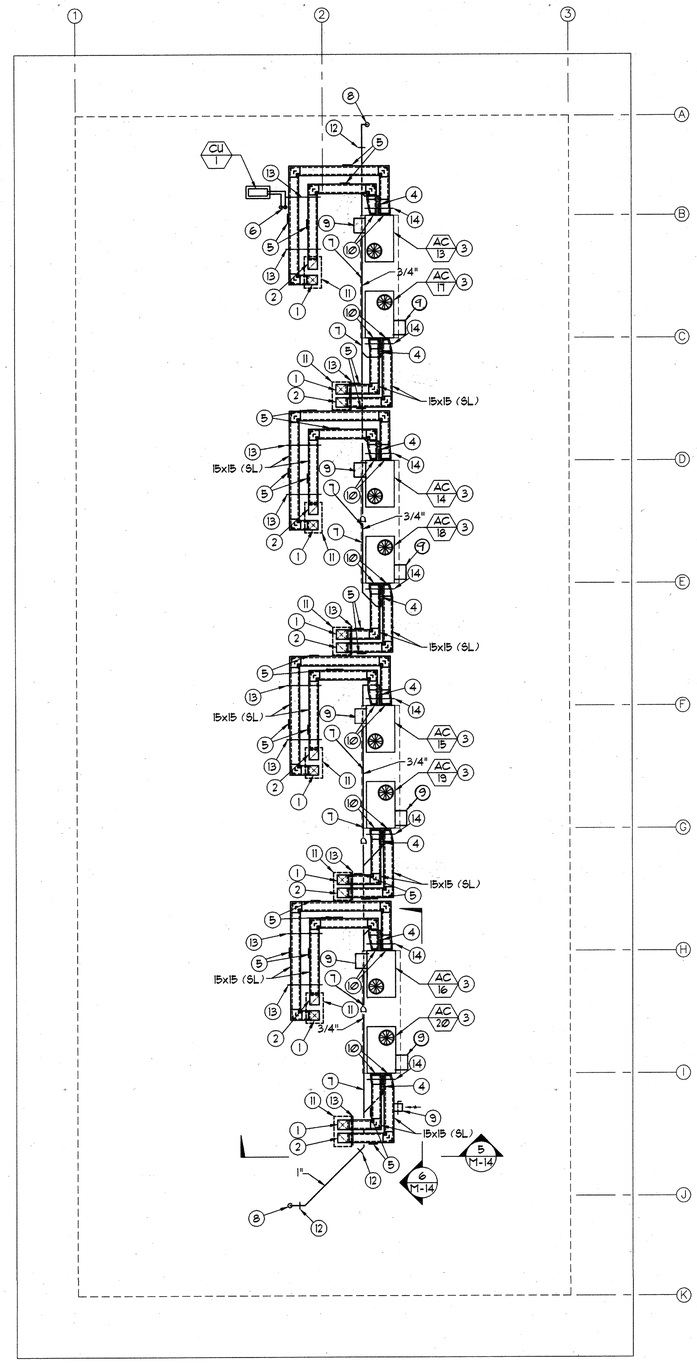
AS BUILT DRAWINGS

SHEET NO.: M-6

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: BM MJ
CHECKED BY: CG 6 OF 14

CEDG No. 5641

© \PROJECT\9600\VALMER\9641\MECH\9641MEBMG PLOTTED 4/9/98



CONSTRUCTION NOTES:

1. 15x15 (SL) SA DTR. (2/M-5)
2. 15x15 (SL) RA DTR. (2/M-5)
3. FOR AC UNIT SUPPORT (2/S-12) (8/M-12)
4. 3/4" CONDENSATE DRAIN W/ TRAP. (3/M-12)
5. DUCT CLEANING ACCESS DOOR. SEE SPECS
6. 1/2" RS & 1/4" RL INSULATE TOGETHER DTR SEE (10/M-12)
7. SECURE PIPE EQUIP. SUPPORT W/ UNISTRUT WELDED SUPPORTS. PROVIDE W/ PIPE CLAMPS. (7/M-12)
8. 1" CONDENSATE DRAIN DTR. SEE (6/M-12)
9. OSA INTAKE HOOD, SET MVD FOR 450 CFM
10. FLEXIBLE CONNECTION WITH SHEET METAL COVER (TYP FOR SA & RA DUCT).
11. SEE DETAIL (4/M-12)
12. PIPE SUPPORT (11/M-12)
13. DUCT/PIPE SUPPORT (9/M-12)
14. DUCT/PIPE SUPPORT (7/M-12)

GENERAL NOTES:

1. MECH CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ROOF OPENINGS & EQUIPMENT PLATFORMS W/ GEN. CONTRACTOR TO ACCOMMODATE ALL HVAC UNITS, ASSOCIATED DUCTWORK, & ECONOMIZER.
2. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS W/ STRUCTURAL DWG'S. AGAINST THE DIMENSIONS OF STRUCTURAL STEEL ISOLATION BASES.
3. ALL OSA INTAKE SHALL BE 10'-0" MIN FROM PLBG VENT THRU ROOF OR EXHAUST.
4. CONTRACTOR SHALL COORDINATE ALL DUCTWORK PENETRATION OPENINGS W/ STRUCTURAL DWG'S. BEFORE SAW CUTTING. NET SA & RA DUCT OPENING PLUS 2" ALL AROUND. ALL OTHER PLUS 1½" ALL AROUND SEE (2/M-5)

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OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 09 1998

N

CLASSROOM BLDG C - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" (1)

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

880 EAST BROADWAY GLENDALE CALIFORNIA 91205
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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 02431 EXP. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
CLASSROOM BUILDING "C" RENOVATION ROOF PLAN

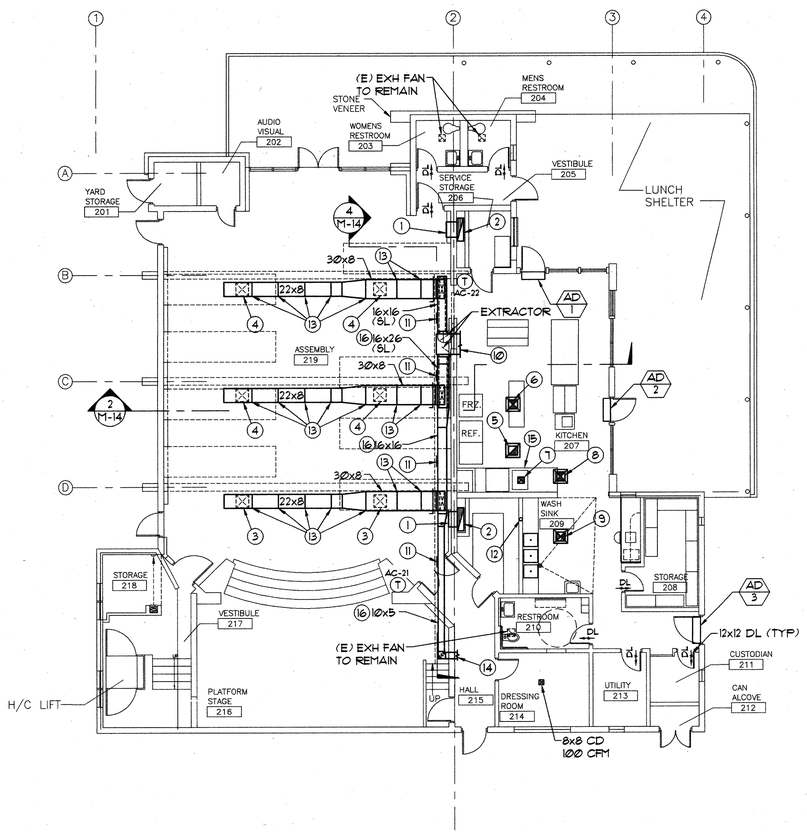
AS BUILT DRAWINGS

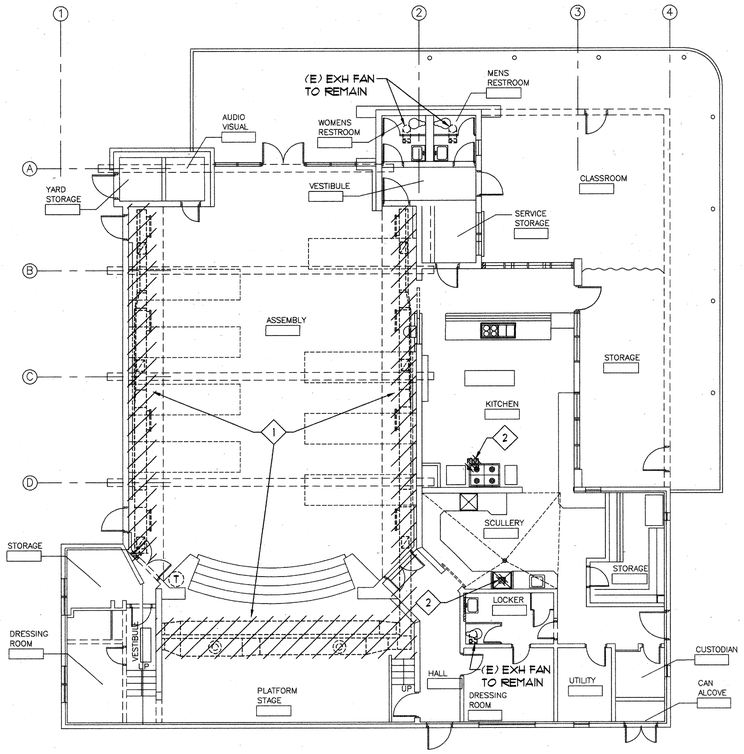
SHEET NO.: M-7

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM
CHECKED BY: CG.

7 OF 14

CEDG No. 5641





CONSTRUCTION NOTES:

1. 24x30 RAR, 12" ABV FLR, 2250 CFM.
2. 36x10 (5L) RA IN FURRED SPACE UTR.
3. 20x20 DOUBLE DEFLECTION SUPPLY REGISTER, 800 CFM.
4. 20x20 DOUBLE DEFLECTION SUPPLY REGISTER, 825 CFM.
5. 16x16 UTR, 18x18 CR, 680 CFM.
6. 18x18 UTR, 20x20 CD, 800 CFM.
7. 10x10 EXH DN & CONN TO HOOD, PROVIDE TRANSITION AS REQUIRED. 10x10 EXH UTR & CONNECT TO EF-1 PROVIDE TRANSITION AS REQUIRED.
8. 22x22 UTR, 24x24 CD 1200 CFM.
9. 18x18 UTR, 20x20 900 CFM.
10. 34x18 (5L) SA FOR CONT. SEE 1/M-9
11. DUCT CLEANING ACCESS DOOR, SEE SPECS.
12. 1" COND. DRAIN UTR & DN IN WALL TO FLR SINK.
13. SECTIONAL DUCT JOINT TO FIT CURVE CEILING FIELD VERIFY.
14. 10x5 SA FOR CONT. SEE 1/M-9
15. (E) HOOD TO REMAIN. MODIFIED TO 12 SF. ACTIVE FACE AREA.
16. IN SOFFIT.

DEMOLITION NOTES:

1. REMOVE (E) FORCE AIR FURNACE SYSTEM, ASSOCIATED SUPPORTS, DUCTWORK, FIRE DAMPERS, THERMOSTAT, RELIEF VENTS, PIPING, DIFFUSERS, REGISTERS/GRILLES, LOUVERS, GAS FLUE THRU ROOF, GAS PIPING & CAP, ETC, COMPLETE. CLEAN UP EXIST HEATER ROOM.
2. REMOVE (E) EXHAUST FAN, ASSOCIATED SUPPORTS DUCTWORK AND GRILLES, ETC, COMPLETE.
3. SEE DEMOLITION GENERAL NOTES ON SHT M-3.

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OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 09 1998

N

MULTI - PURPOSE BLDG D - RENOVATION FLOOR PLAN — SCALE: 1/8"=1'-0" — 1

MULTI - PURPOSE BLDG D - DEMOLITION FLOOR PLAN — SCALE: 1/8"=1'-0" — 2

BID SET

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OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN Lic. C 20577 Exp 4/30/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 024318 EXP 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

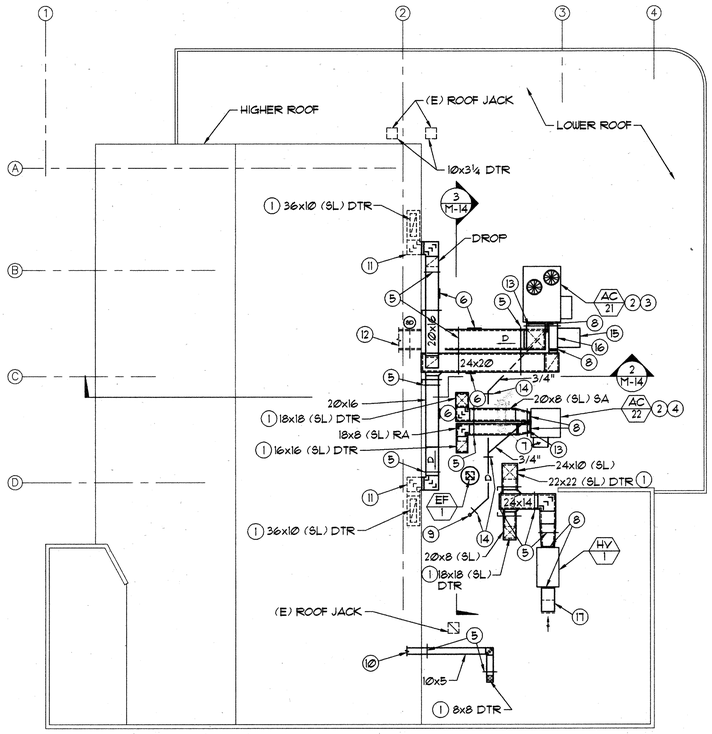
SHEET TITLE:
MULTI-PURPOSE BUILDING "D" DEMO-RENOV FLOOR PLANS

AS BUILT DRAWINGS

SHEET NO.: M-8

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM MG
CHECKED BY: CG 8 OF 14

CEDG No. 5641



CONSTRUCTION NOTES:

1. SEE DETAIL 2/M-12
2. FOR AC-UNIT SUPPORT 2/S-13 & 8/M-12
3. SET MIN. OSA FOR 2370 CFM (RELIEF AIR SET FOR 1870 CFM).
4. SET MIN. OSA FOR 120 CFM.
5. DUCT SUPPORT SEE 9/M-12
6. DUCT CLEANING ACCESS DOOR.
7. OSA INTAKE HOOD, SET MVD FOR 120 CFM.
8. FLEXIBLE CONNECTION WITH SHEET METAL COVER (TYP FOR SA & RA DUCT).
9. 1" COND DRAIN DTR SEE 1/M-8
10. 10x5 SA FOR CONT. SEE 1/M-8
11. 20x16 RA BEL ON HIGH ASSEMBLY ROOF OVERHANG.
12. 34x18 (SL) SA THRU WALL FOR CONT. SEE PLAN 1/M-8
13. DUCT/PIPE SUPPORT 7/M-12
14. PIPE SUPPORT 11/M-12
15. ECONOMIZER EXH FAN.
16. ECONOMIZER RA PLENUM.
17. 24x20 OSA DUCT W/ 45° RAINSHIELD 1/2" GALV MESH SCREEN, 100% OSA

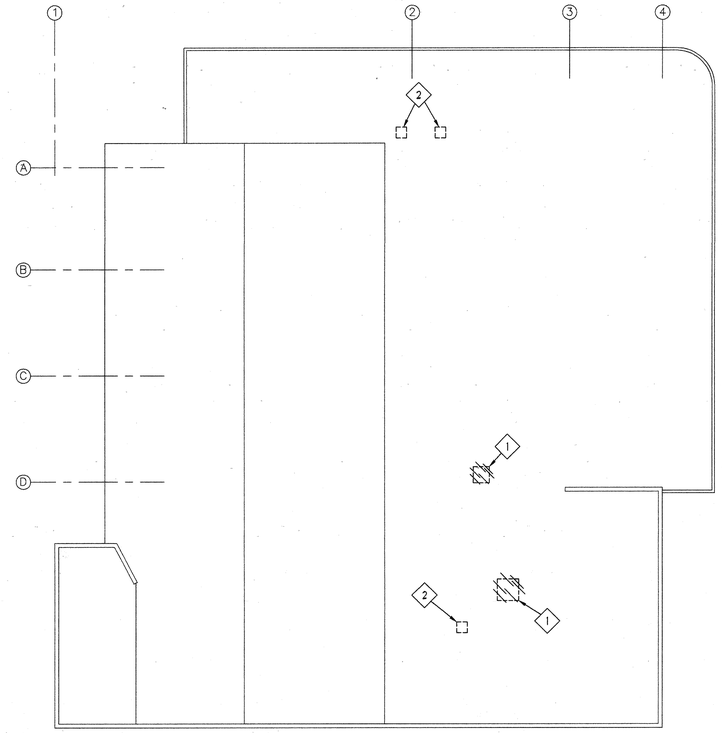
GENERAL NOTES:

1. MECH CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ROOF OPENINGS & EQUIPMENT PLATFORMS W/ GEN. CONTRACTOR TO ACCOMMODATE ALL HVAC UNITS & ASSOCIATED DUCTWORK, SOUND TRAPS & ECONOMIZER.
2. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS W/ STRUCTURAL DWG'S. AGAINST THE DIMENSIONS OF STRUCTURAL STEEL ISOLATION BASES.
3. ALL OSA INTAKE SHALL BE 10'-0" MIN FROM PLBG VENT THRU ROOF OR EXHAUST.
4. CONTRACTOR SHALL COORDINATE ALL DUCTWORK PENETRATION OPENINGS W/ STRUCTURAL DWG'S. BEFORE SAW CUTTING. NET SA & RA DUCT OPENING PLUS 2" ALL AROUND. ALL OTHER PLUS 1½" ALL AROUND SEE 2/M-5

N

MULTI - PURPOSE BLDG D - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" | 1



DEMOLITION NOTES:

1. REMOVE (E) EXHAUST FAN ASSOCIATED SUPPORTS & DUCTWORK, ETC. COMPLETE.
2. (E) ROOFJACK/ROOF CAP TO REMAIN.

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APPL 100451
AC FLS PSS
DATE APR 09 1998

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MULTI - PURPOSE BLDG D - DEMOLITION ROOF PLAN

SCALE: 1/8"=1'-0" | 2

BID SET

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REGISTERED ARCHITECT
EDWARD K. OSBORN
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REGISTERED PROFESSIONAL ENGINEER
CIRILO G. GATILAO
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Exp. 6-30-99
MECHANICAL
STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

MULTI-PURPOSE BUILDING "D" DEMO-RENOV ROOF PLANS

AS BUILT DRAWINGS

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: BM
CHECKED BY: CG

SHEET NO.: M-9

9 OF 14

CEDG No. 9641

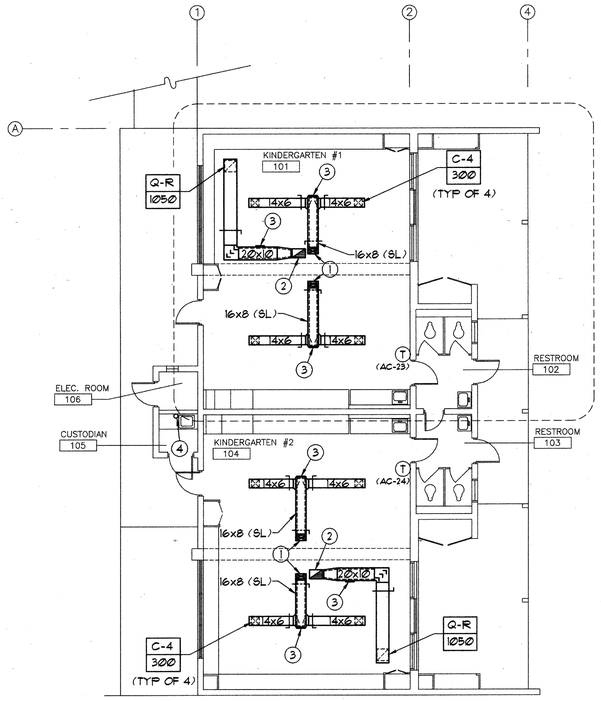
G:\PROJECT\9600\VALVIEW\9641\VALVIEW.DWG PLOTTED 4/9/98

CEILING DIFFUSER AND REGISTER SCHEDULE

DIFFUSER			REGISTER		
SYMBOL	C F M	SIZE	SYMBOL	C F M	SIZE
A-* / *-*	50 TO 185	8 X 8	J-* / *-*	45 TO 215	8 X 8
B-* / *-*	190 TO 285	10 X 10	K-* / *-*	220 TO 255	10 X 8
C-* / *-*	290 TO 405	12 X 12	L-* / *-*	260 TO 325	10 X 10
D-* / *-*	410 TO 565	14 X 14	M-* / *-*	330 TO 475	12 X 12
E-* / *-*	570 TO 725	16 X 16	N-* / *-*	480 TO 600	14 X 14
F-* / *-*	730 TO 925	18 X 18	P-* / *-*	605 TO 750	16 X 16
G-* / *-*	930 TO 1125	20 X 20	Q-* / *-*	755 TO 1150	18 X 18
H-* / *-*	1130 TO 1365	22 X 22	R-* / *-*	1155 TO 1520	20 X 20

NOTE:
- *4 SUPPLY AIR 4-WAY BLOW SHOWN, SEE PLAN.
- *R RETURN AIR, SEE PLAN.
- *X EXHAUST AIR, SEE PLAN.
- *-* ACTUAL C.F.M. CAPACITY, SEE PLAN.

(SIZES SHOWN ARE NECK SIZE)



CONSTRUCTION NOTES:

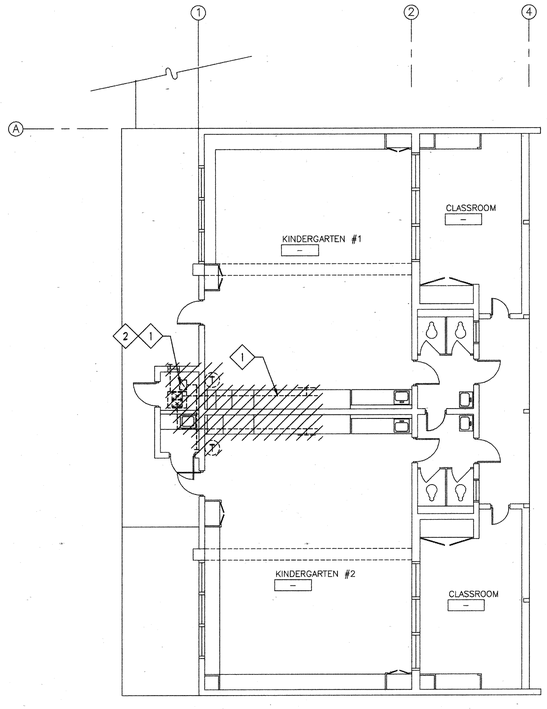
1. 16x8 (SL.) SA UTR.
2. 20x10 (SL.) RA UTR.
3. DUCT CLEANING ACCESS DOOR, SEE SPECS.
4. 3/4" COND. DRAIN UTR, DN & SPILL INTO JANITOR SERVICE SINK. TERMINATE DRAIN 1" ABOVE SINK.

N

KINDERGARTEN BLDG E - RENOVATION FLOOR PLAN — SCALE: 1/8"=1'-0" — 1

DEMOLITION NOTES:

1. REMOVE (E) EQUIPMENT DUCTWORK, DIFFUSERS, REGISTERS, LOUVERS, GRILLES, EXHAUST FAN, ASSOCIATED SUPPORTS, GAS FLUE THRU ROOF, RELIEF VENT THRU ROOF, THERMOSTATS AND OTHER RELATED ACCESSORIES PATCH ROOF & WALL OPENINGS RESULTING FROM DEMOLITION WORK TO MATCH ADJUSTMENT AREAS. CLEAN UP HEATER ROOM.
2. DELIVER (E) HEATING & VENTILATING UNITS TO GUSD AS DIRECTED.
3. SEE DEMOLITION GENERAL NOTES ON SHT M-3.



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OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS
DATE APR 09 1998

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KINDERGARTEN BLDG E - DEMOLITION FLOOR PLAN — SCALE: 1/8"=1'-0" — 2

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 024318 Exp. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4800 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
KINDERGARTEN BUILDING "E" DEMO-RENOV FLOOR PLANS

AS BUILT DRAWINGS

SHEET NO.: M-10

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM, MJ
CHECKED BY: CG.
10 OF 14

CEDG No. 5641

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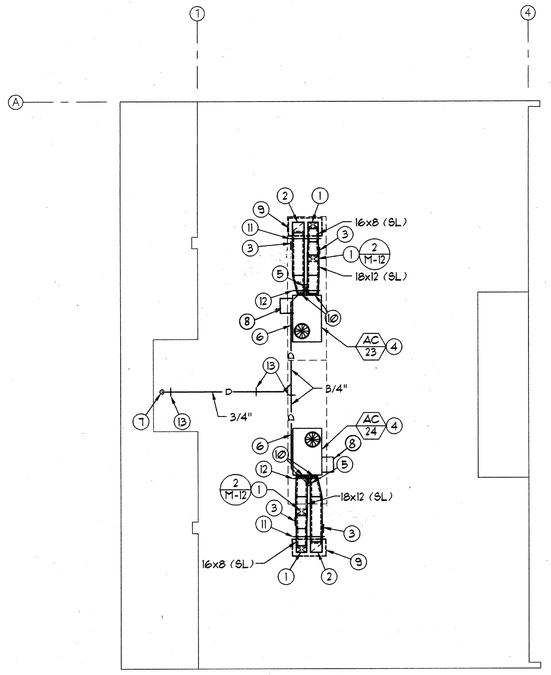

CONSTRUCTION NOTES:

1. 16x8 (SL) SA DTR. (2/M-5) (SIMILAR)
2. 20x10 (SL) RA DTR. (2/M-5) (SIMILAR)
3. DUCT CLEANING ACCESS DOOR SEE SPECS
4. FOR AC-UNIT SUPPORT (1/S-13) (8/M-12)
5. 3/4" CONDENSATE DRAIN W/ TRAP (3/M-12)
6. SECURE PIPE EQUIP. SUPPORT W/ UNISTRUT WELDED SUPPORTS. PROVIDE W/ PIPE CLAMPS.
7. 3/4" CONDENSATE DRAIN DTR. (6/M-12)
8. OSA INTAKE HOOD, SET MVD FOR 315 CFM
9. SEE DETAIL (4/M-12)
10. FLEXIBLE CONNECTION WITH SHEET METAL COVER (TYP FOR SA & RA DUCT).
11. DUCT/PIPE SUPPORT (9/M-12)
12. DUCT/PIPE SUPPORT (7/M-12)
13. PIPE SUPPORT (11/M-12)

GENERAL NOTES:

1. MECH CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ROOF OPENINGS & EQUIPMENT PLATFORMS W/ GEN. CONTRACTOR TO ACCOMMODATE ALL HVAC UNITS, ASSOCIATED DUCTWORK, & ECONOMIZER.
2. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS W/ STRUCTURAL DWG'S. AGAINST THE DIMENSIONS OF STRUCTURAL STEEL ISOLATION BASES.
3. ALL OSA INTAKE SHALL BE 10'-0" MIN FROM PLBG VENT THRU ROOF OR EXHAUST.
4. CONTRACTOR SHALL COORDINATE ALL DUCTWORK PENETRATION OPENINGS W/ STRUCTURAL DWG'S. BEFORE SAW CUTTING. NET SA & RA DUCT OPENING PLUS 2" ALL AROUND. ALL OTHER PLUS 1½" ALL AROUND SEE (2/M-5)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 09 1998

N

KINDERGARTEN BLDG E - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" (1)

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN NO. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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Fx: 818-507-1556
Bob Grossman, SE

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Montrose, CA 91020
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Mechanical
California Engineering
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Specifications
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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO Lic. No. 024318 Exp. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

KINDERGARTEN BUILDING "E" RENOVATION ROOF PLAN

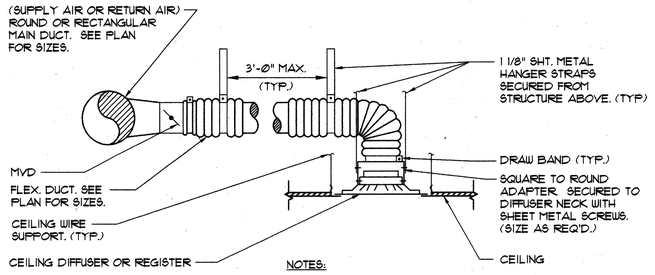
AS BUILT DRAWINGS

SHEET NO.: M-11

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM
CHECKED BY: C.G.

11 OF 14

CEDG No. 5641

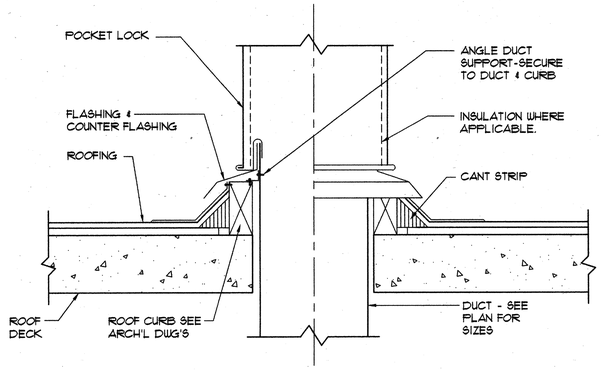


NOTES:

1. DUCT ADAPTER SHALL BE SAME MANUFACTURER AS CEILING DIFFUSER OR REGISTER.
2. FLEX DUCT SHALL BE INSTALLED PER SMACNA MANUAL USING DRAWBAND & INSULATION SHALL BE FITTED OVER THE CORE AND SUPPLEMENTARY SECURED WITH A DRAWBAND.
3. CEILING DIFFUSERS AND REGISTER SHALL MATCH CEILING.

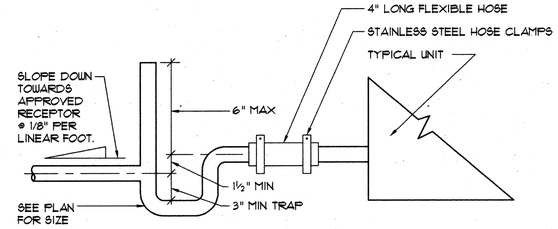
FLEXIBLE DUCT TO CD OR CR

SCALE: NONE — 1



DUCT THRU ROOF DETAIL

SCALE: NONE — 2

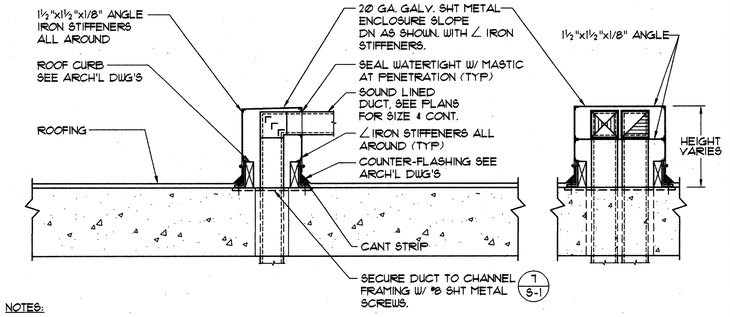


NOTES:

1. CONDENSATE DRAIN PIPING SHALL BE TYPE "M" COPPER.

CONDENSATE DRAIN EQUIPMENT CONNECTION

SCALE: NONE — 3

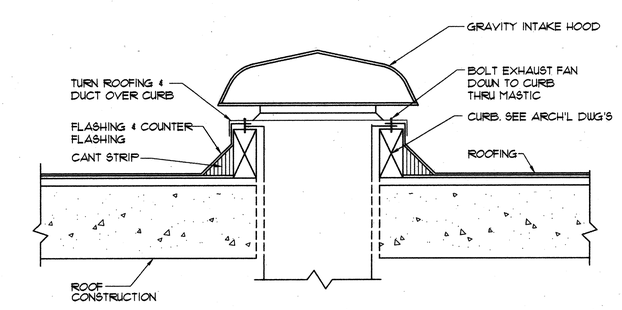


NOTES:

1. SECURE GALV SHT METAL ENCLOSURE TO CURB W/ SCREWS.

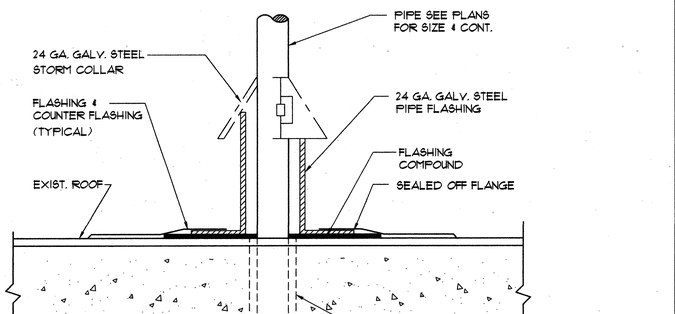
DUCT THRU ROOF ENCLOSURE DETAIL

SCALE: NONE — 4



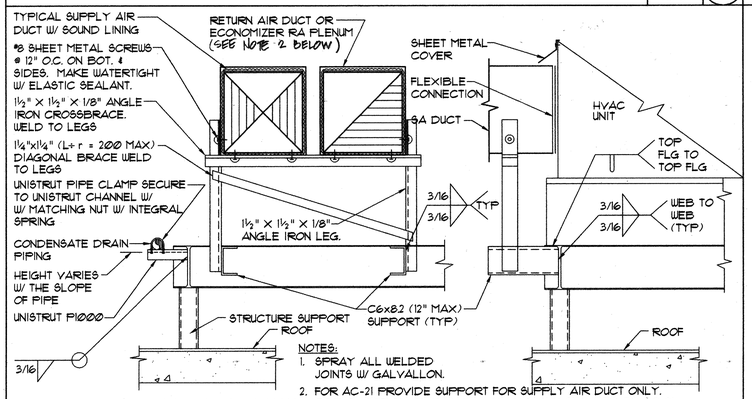
GRAVITY INTAKE HOOD DETAIL

SCALE: NONE — 5



PIPE THRU ROOF DETAIL

SCALE: NONE — 6



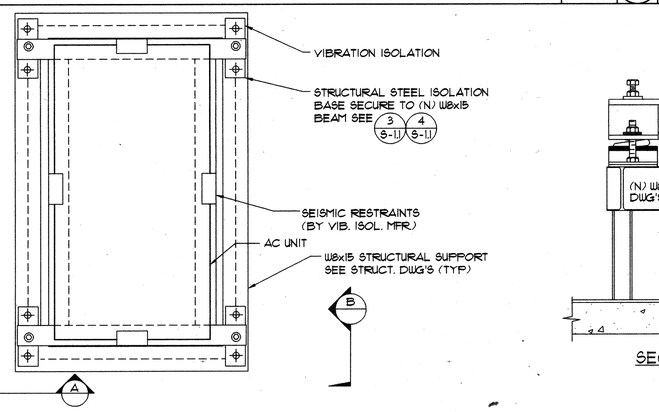
NOTES:

1. SPRAY ALL WELDED JOINTS W/ GALVALLON.
2. FOR AC-21 PROVIDE SUPPORT FOR SUPPLY AIR DUCT ONLY. ECONOMIZER RA PLENUM WILL BE RIGIDLY SECURED TO AC-21.

(DUCT SHOWN FOR HORIZONTAL DISCHARGE UNITS)

DUCT AND PIPING SUPPORT DETAIL

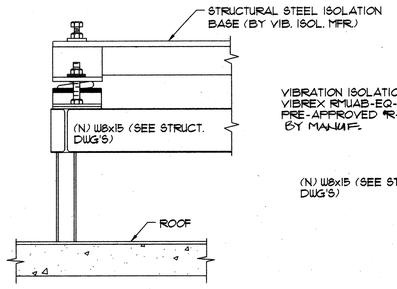
SCALE: NONE — 7



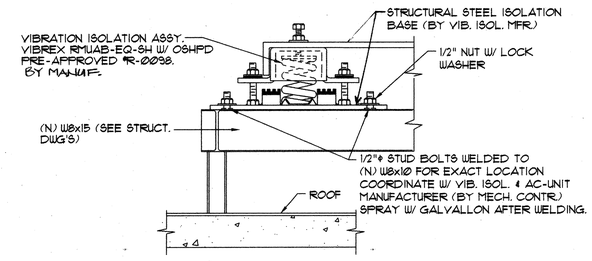
TYPICAL AC-UNIT ON ROOF DETAIL

SCALE: NONE — 8

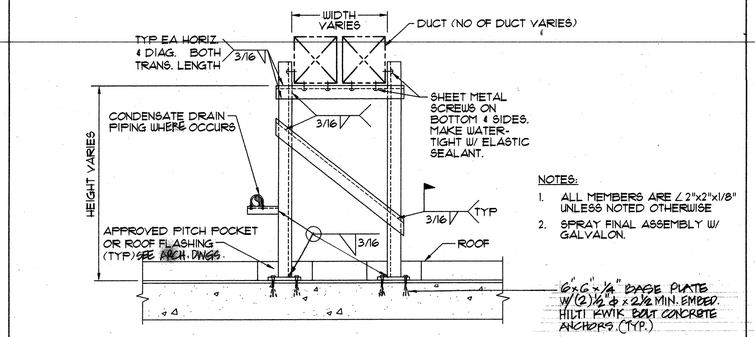
NOTE:
VIBRATION ISOLATION MANUFACTURER SHALL COORDINATE ALL ISOLATORS TO FIT THE UNIT STRUCTURAL SUPPORT PRIOR TO SUBMITTAL OF SHOP DWG'S. SHOP DWG'S SHALL BE SUBMITTED AS SOON AS POSSIBLE TO AVOID DELAYS IN FABRICATION & DELIVERY OF VIBRATION ISOLATORS TO THE JOBSITE. NOT PART OF DSA SUBMITTAL. SUBMIT TO ENG. ONLY.



SECTION A



SECTION B



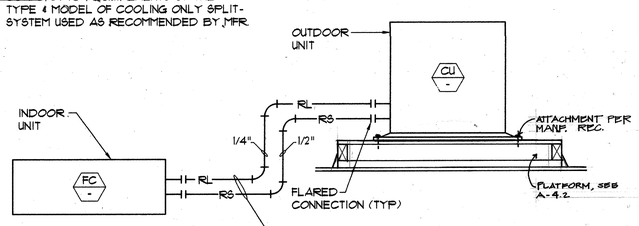
NOTES:

1. ALL MEMBERS ARE ∠ 2"x2"x1/8" UNLESS NOTED OTHERWISE
2. SPRAY FINAL ASSEMBLY W/ GALVALON.

DUCT & PIPING SUPPORT DETAIL

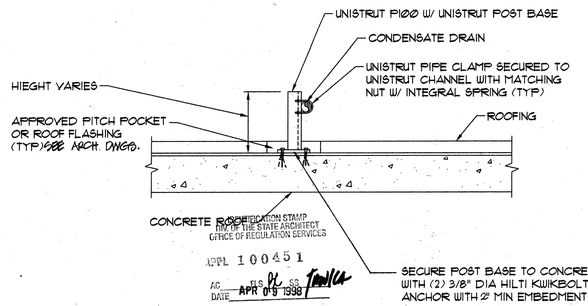
SCALE: NONE — 9

NOTES:
REFRIGERANT PIPING HOOK-UP SHALL CONFORM TO REQUIREMENTS OF THE TYPE & MODEL OF COOLING ONLY SPLIT-SYSTEM USED AS RECOMMENDED BY MFR.



REFRIGERANT PIPING DIAGRAM

SCALE: NONE — 10



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DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DATE APR 09 1998

PIPE SUPPORT

SCALE: NONE — 11

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD A. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. M 021610 EXP 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4909 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
DETAILS

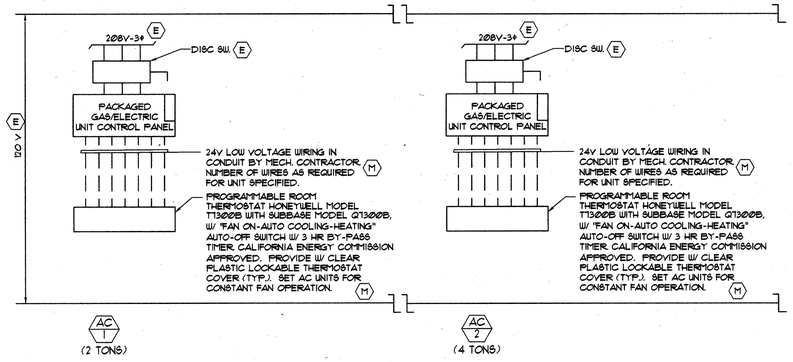
AS BUILT DRAWINGS

SHEET NO.: M-12

SCALE: NONE
DATE: 04/07/98
JOB NO: 5841
DRAWN BY: BM MT
CHECKED BY: CG 12 OF 14

CEDG No. 5841

© \PROJECT\5841\WORK\M12.DWG 04/13/98 PLOTTED 4/9/98

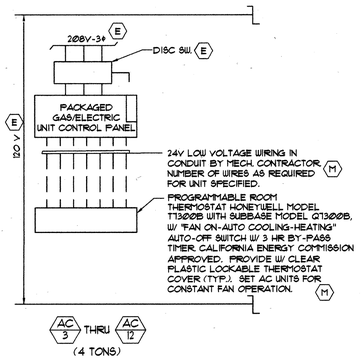


GENERAL NOTES: (TYP. FOR ALL CONTROL DIAGRAMS ON THIS SHEET)

1. ELEC. CONDUIT SHALL COMPLY WITH ELECTRICAL SPECIFICATIONS.
2. FOLLOW WIRING INSTRUCTIONS BY UNIT MANUFACTURER & SET ALL UNITS FOR CONSTANT FAN OPERATION
3. ALL LOW VOLTAGE CONTROL WIRING (24 V & BELOW) SHALL BE IN ELECTRICAL CONDUIT, FURNISHED & INSTALLED BY MECH CONTRACTOR
4. ALL 120V WIRING & HIGHER- CONDUITS, CLOSING COIL RELAYS, CONTACTORS, DISC SW, TIME CLOCKS, TIMER SWITCHES, MAGNETIC STARTERS & OTHER RELATED ELEC. ITEMS SHALL BE FURNISHED & INSTALLED BY ELEC. CONTRACTOR.
5. SPST RELAY IN PACKAGED GAS/ELECT. UNITS SHALL BE PROVIDED BY UNIT MFR.
6. PACKAGED GAS/ELECT. UNIT SHALL HAVE SINGLE POWER CONNECTION. ALL WIRING TO ECONOMIZER SHALL BE PREWIRED WITH QUICK CONNECT TERMINALS FOR FIELD HOOK-UP BY MECH CONTRACTOR. (WHERE APPLIES)

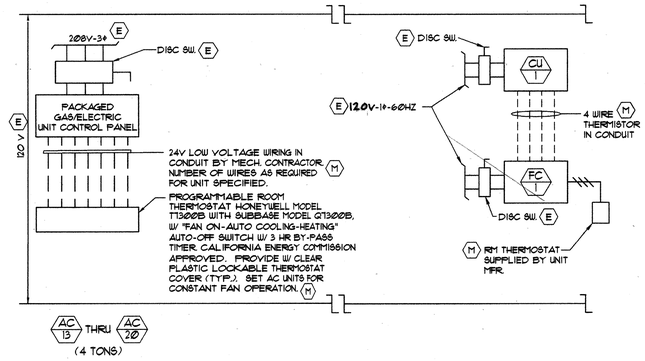
SCHEMATIC CONTROL WIRING DIAGRAM (BLDG A)

SCALE: NONE — 1



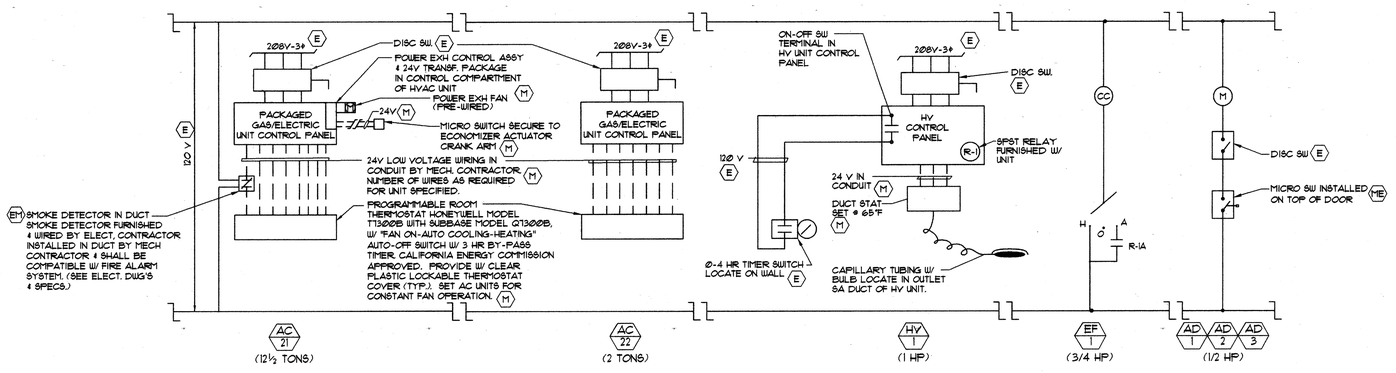
SCHEMATIC CONTROL WIRING DIAGRAM (BLDG B)

SCALE: NONE — 2



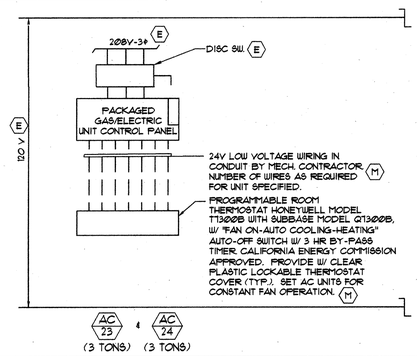
SCHEMATIC CONTROL WIRING DIAGRAM (BLDG C)

SCALE: NONE — 3



SCHEMATIC CONTROL WIRING DIAGRAM (BLDG D)

SCALE: NONE — 4



SCHEMATIC CONTROL WIRING DIAGRAM (BLDG E)

SCALE: NONE — 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS SS
DATE APR 0 8 1998

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. M 024316 EXP. 6-30-99 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4300 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

CONTROL DIAGRAMS

AS BUILT DRAWING

SHEET NO.: M-13

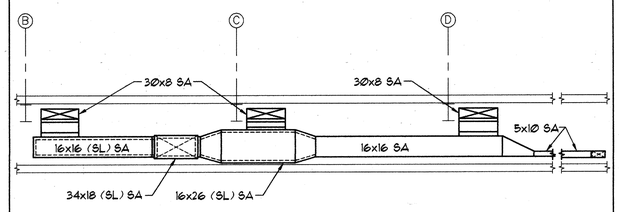
SCALE: NONE
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: BM, MJ
CHECKED BY: CG. 13 OF 14

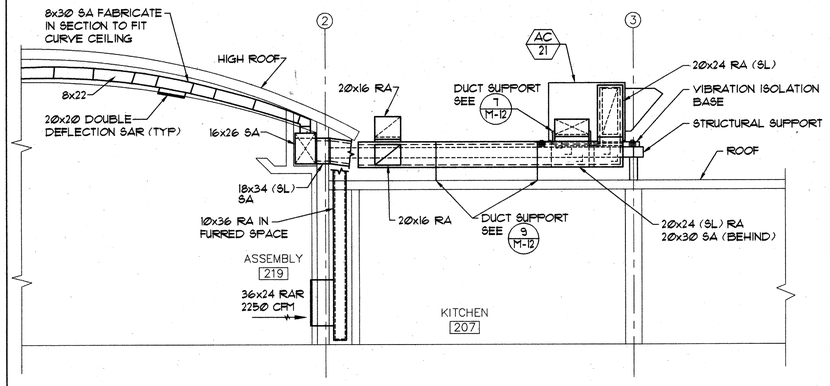
CEDG No. 9641

G:\PROJECT\0025\VALVIEW\9641\MECH\9641M13.DWG PLOTTED 4/8/98

NOT USED

SCALE: NONE — 1





SECTION

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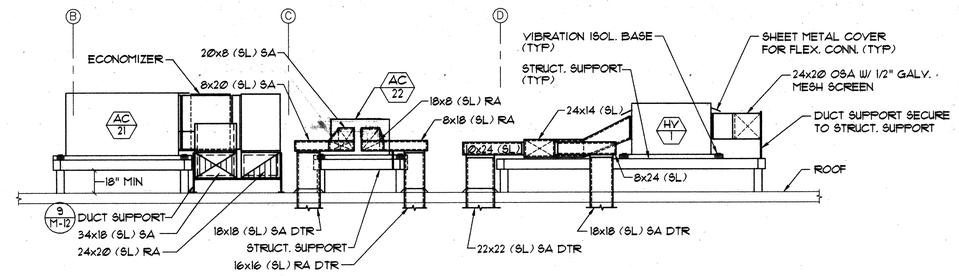

SECTION

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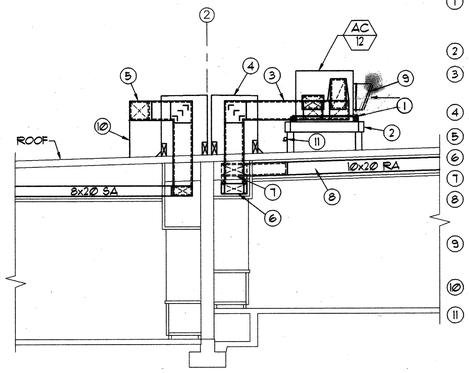
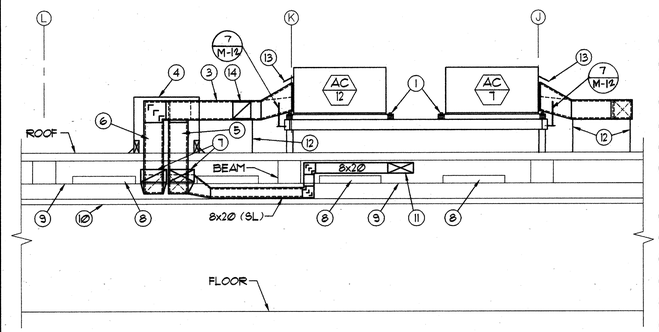


CONSTRUCTION NOTES:

1. ISOLATION BASE SECURED TO STRUCT. SEE 8 M-12
2. STRUCT. SUPPORT SEE 3 S-11 4 S-11
3. 15x15 (SL) RA (FRONT) 15x15 (SL) SA (BEHIND)
4. SEE DET. 4 M-12
5. 15x15 (SL) SA.
6. 20x8 (SL) SA BEL BEAM.
7. 20x8 (SL) SA (RISE UP).
8. 10x20 (SL) RA (FRONT) 8x20 (SL) SA (BEHIND) RUN BETWEEN LIGHTS.
9. INTAKE HOOD
10. DUCT SUPPORT. 9 M-12
11. 1" COND. DRAIN

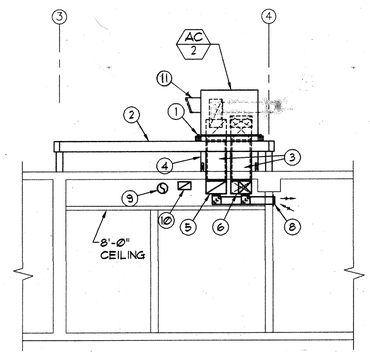


CONSTRUCTION NOTES:

1. ISOLATION BASE SECURED TO STRUCT. SEE 8 M-12
2. STRUCT. SUPPORT SEE 3 S-11 4 S-11
3. 15x15 (SL) RA (FRONT) 15x15 (SL) SA (BEHIND)
4. SEE DET. 4 M-12
5. 15x15 (SL) SA & RA.
6. 15x15 (SL) RA.
7. 20x8 (SL) SA 20x10 (SL) RA RUN BETWEEN LIGHTS.
8. ELECT. LIGHTS.
9. BOTTOM OF CEILING.
10. BOTTOM OF FURRED SPACE.
11. 20x8 SA BETWEEN LIGHTS.
12. DUCT SUPPORT. 9 M-12
13. PROVIDE SHEET METAL FLEX. CONN. COVER.
14. 12x12 OSA W/ MVD SET FOR 450 CFM. PROVIDE 1/2" GALV. MESH SCREEN.

SECTION

SCALE: 1/4"=1'-0" — 4

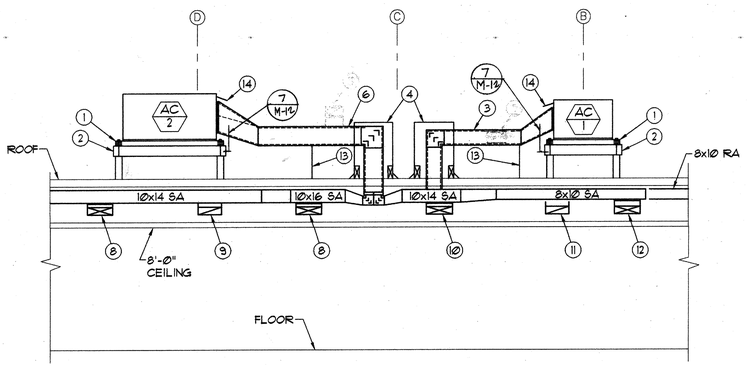


CONSTRUCTION NOTES:

1. ISOLATION BASE SECURED TO STRUCT. SEE 8 M-12
2. STRUCT. SUPPORT SEE 3 S-11 4 S-11
3. 16x16 (SL) SA & RA.
4. SEE DET. 4 M-12
5. 16x10 (SL) RA.
6. 16x10 SA TRANSITION TO 14x10.
7. ~~12x8 OSA W/ MVD SET TO 250 CFM. PROVIDE 1/2" GALV. MESH SCREEN.~~ (NOT USED)
8. 6x24 SWR (FRONT) 450 CFM. 6x20 SWRS (BEHIND) 275 CFM.
9. 8"ø SA
10. 10x6 RA.
11. INTAKE HOOD

SECTION-BLDG B (BLDG C SIMILAR)

SCALE: 1/4"=1'-0" — 5



CONSTRUCTION NOTES:

1. ISOLATION BASE SECURED TO STRUCT. SEE 8 M-12
2. STRUCT. SUPPORT SEE 3 S-11 4 S-11
3. 12x12 (SL) RA (FRONT) 12x12 (SL) SA (BEHIND)
4. SEE DET. 4 M-12
5. ~~12x8 OSA W/ MVD SET FOR 200 CFM. PROVIDE 1/2" GALV. MESH SCREEN.~~ (NOT USED)
6. 16x16 (SL) SA (FRONT) 16x16 (SL) RA (BEHIND)
7. ~~12x8 OSA W/ MVD SET FOR 250 CFM. PROVIDE 1/2" GALV. MESH SCREEN.~~ (NOT USED)
8. 20x6 SWRS, 275 CFM.
9. 24x6 SWR, 450 CFM.
10. 20x6 SWRS, 300 CFM.
11. 18x6 SWR, 250 CFM.
12. 24x6 SWRS, 350 CFM.
13. DUCT SUPPORT. 9 M-17
14. PROVIDE SHEET METAL FLEX. CONN. COVER

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APPL 10045.1
AC FLS SS
DATE APR 09 1998

SECTION-BLDG B (BLDG C SIMILAR)

SCALE: 1/4"=1'-0" — 6

SECTION (BLDG A)

SCALE: 1/4"=1'-0" — 7

SECTION (BLDG A)

SCALE: 1/4"=1'-0" — 8

BID SET

D:\PROJECT\USER\WORK\SHT\WORK\5641M14.DWG PLOTTED 4/9/98

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 7/30/99 STATE OF CALIFORNIA

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 025516 EXP 6-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4909 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

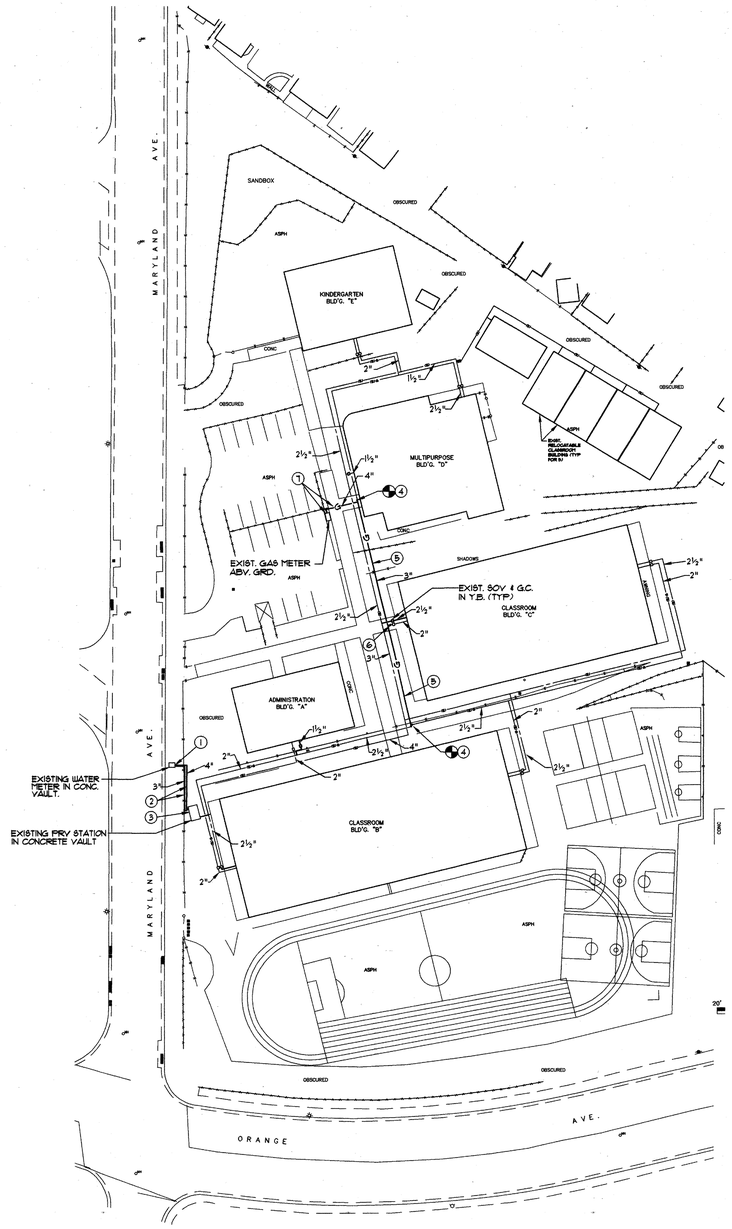
DETAILS & SECTIONS

AS BUILT DRAWINGS

SHEET NO.: M-14

SCALE: 1/4"=1'-0"
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: BM/MB
CHECKED BY: C.G. 14 OF 14

CEDG No. 5641



RECONSTRUCTION NOTES:

1. DISCONNECT EXIST. 4" C.W. PIPING FROM EXIST. WATER METER & CONNECT NEW 4" C.W. PIPING (TYPE "K" COPPER PIPE).
2. REMOVE EXIST. 3" C.W. PIPING BEL. GRD. AND REPLACE WITH NEW 4" C.W. PIPING (TYPE "K" COPPER).
3. REMOVE EXIST. 3" C.W. PIPING & 3" MAIN SOV. IN CONCRETE VAULT. INSTALL AND CONNECT NEW 4" C.W. PIPING & 4" MAIN SOV. TO UPSTREAM SIDE OF EXIST. PRV STATION.
4. CONNECT NEW 3" G. TO EXIST. 2½" G. BEL. GRD.
5. REPLACE EXIST. 2½" G. PIPING WITH NEW 3" G. PIPING BEL. GRD.
6. CONNECT NEW. 2" G. TO EXIST. 2" G. BEL. GRD.
7. REMOVE EXIST. 3" G. HEADER, GAS COCKS , ALL RELATED APPURTENANCES ABV. GRD. & EXIST. 3" G. PIPING BEL. GRD. INSTALL NEW 4" G. HEADER, & CONNECT TO EXIST. GAS METER WITH NEW 4" GAS COCK, & 4" EARTHQUAKE VALVE (KOSO MODE 316 HP). INSTALL NEW 4" G. PIPING BEL. GRD.

SITE PLAN

SCALE: 1" = 40'-0" — 1

GENERAL NOTES

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
2. BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION, SIZE, AND AVAILABILITY OF ALL UTILITIES CONCERNED, INCLUDING GAS, WASTE, AND WATER.
3. DRAWINGS INDICATE SIZE AND TERMINATION OF PIPING AND SUGGEST PROPER ROUTES OF PIPING TO CONFORM TO THE STRUCTURE TO AVOID OBSTRUCTION AND TO PRESERVE CLEARANCE. IT IS NOT THE INTENTION TO INDICATE ALL NECESSARY OFFSETS AND IT SHALL BE THE RESPONSIBILITY UNDER THIS SECTION TO INSTALL PIPING IN SUCH A MANNER AS TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR AND MAKE ALL EQUIPMENT REQUIRING INSPECTION, MAINTENANCE AND REPAIR ACCESSIBLE WITHOUT FURTHER INSPECTIONS OR EXTRA COST.
4. THE WORK OF THIS PROJECT INVOLVES ADDITION TO AND ALTERATIONS OF THE EXISTING BUILDINGS TO ACHIEVE THE ARRANGEMENT INDICATED ON THE DRAWINGS. VISIT THE JOBSITE TO DETERMINE THE EXTENT OF WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES. THE ARCHITECTURAL DRAWINGS FOR THESE AREAS SHOW THE CHANGES TO BE MADE. REVISE, REARRANGE, REROUTE OR REMOVE EXISTING PIPING AND RELATED APPURTENANCES AS REQUIRED TO ACCOMMODATE THE CHANGES AND ADDITIONS SHOWN TO PROVIDE CONTINUING SERVICES FOR THOSE EXISTING PORTIONS OF THE PROJECT WHICH ARE TO REMAIN IN OPERATIONS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS OF NEW CONSTRUCTION AND FOR EXACT LOCATIONS OF NEW PLUMBING FIXTURES.
6. THE ALTERATION OF THE EXISTING BUILDINGS IS WORK OF A COMPLEX NATURE WHICH WILL REQUIRE ACCURATE PLANNING, CAREFUL PREPARATION AND EXECUTION TO DETAILS AND CLOSE SUPERVISION BY THE CONTRACTOR WHO WILL BE REQUIRED TO DO THIS IN FULL COOPERATION WITH THE OTHER TRADES.
7. THIS CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR CLEARANCES AND WORK INCLUDED PRIOR TO START OF WORK.
8. CLEANOUT SHALL BE INSTALLED PER LATEST CPC CODE SECTION 1701 AND SECTION 715.
9. ALL FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGE. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
10. ALL VENT THRU ROOF SHALL TERMINATE 10'-0" AWAY FROM NOT LESS THAN OR AT LEAST 3'-0" ABOVE OUTSIDE AIR INTAKE OF AIR CONDITIONING UNITS. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF AIR CONDITIONING UNITS.
11. EXISTING CONDITIONS: THE INTENT OF THE DRAWINGS IS TO SHOW THE EXISTING CONDITIONS WITH INFORMATION DEVELOPED FROM ORIGINAL CONSTRUCTIONS, AND FIELD SURVEY.
    a. VERIFICATION OF CONDITIONS: THE CONTRACTOR SHALL MAKE A DETAILED SURVEY OF THE EXISTING CONDITIONS PERTAINING TO THE WORK UNDER HIS SCOPE PRIOR TO COMMENCING HIS OPERATIONS. ALL DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT IN WRITING FOR CLARIFICATION OR INSTRUCTIONS, AND NO WORK SHALL BE DONE WHERE SUCH CONFLICTS OF DISCREPANCIES OCCUR PRIOR TO RECEIPT OF ARCHITECT'S INSTRUCTIONS.
    b. EXTENT: DEMOLITION AND REMOVAL OF WORK SHALL BE PERFORMED TO THE EXTENT INDICATED, PLUS ANY ADDITIONAL DEMOLITION AND REMOVAL AS IS NECESSARY FOR THE INSTALLATION OF NEW WORK AND REMODELING OF EXISTING WORK REGARDLESS OF THE WORK SHOWN ON THE DRAWINGS. AT HIS OPTION, THE CONTRACTOR MAY DEMOLISH OR REMOVE MORE OR LESS EXISTING WORK OF THAT INDICATED, PROVIDED THAT SUCH VARIATION WILL EXPEDITE THE WORK AND REDUCE THE COST TO THE OWNER, THIS OPTION SHALL BE SUBJECT TO THE ARCHITECT'S APPROVAL.
12. PROVIDE NECESSARY PROVISIONS WHERE PIPING PENETRATES AN EXPANSION JOINT FOR PIPING MOVEMENT.
13. PLUMBING DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT MANY OFFSETS, BENDS, ELBOWS, SPECIAL FITTINGS AND EXACT LOCATIONS OF EQUIPMENT, PIPING AND RELATED ACCESSORIES ARE NOT INDICATED. THE CONTRACTOR SHALL CAREFULLY STUDY THE DRAWINGS AND ACTUAL FIELD CONDITIONS IN ORDER TO DETERMINE THE BEST METHOD, EXACT LOCATION, ROUTING, ANY OBSTRUCTION, WORK BY OTHER TRADES, ETC., WHICH AFFECT THE INSTALLATION OF HIS WORK. REFER TO SECTION 15010-5 PARAGRAPH 1.7 FOR ADDITIONAL REQUIREMENTS.
15. PROVIDE Ø.5 GPM LAMINAR FLOW RESTRICTOR ON ALL LAVATORY FAUCETS.
16. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED IN STATE FIRE MARSHAL STANDARD 43-1, AND SHALL BE U.L. LISTED. SEE 7/P-1
17. WATER CLOSETS SHALL BE AN APPROVED LOW FLUSH (1.6 GPF) TYPE.
18. HANDICAPPED USE PLUMBING FIXTURES SHALL BE MOUNTED AT REQUIRED HEIGHTS AND WITH ALL RELATED ACCESSORIES AS REQUIRED BY THE ADMINISTRATIVE AUTHORITIES.
19. EXPOSED SUPPLY PIPES, TRAP AND TRAP ARM AT HANDICAPPED LAVATORIES SHALL BE INSULATED.
20. PATCH & REPAIR EXISTING WALL, FLOOR, AND ROOF DUE TO THE REMOVAL OF EXISTING FLUES, PIPING, PLUMBING FIXTURES AND EQUIPMENTS. FINISH TO MATCH EXISTING.
21. CONTRACTOR SHALL COORDINATE ALL ROOF, FLOOR AND WALL OPENINGS WITH THE GENERAL CONTRACTOR FOR NEW PIPING AND FLUES ,TO ACCOMMODATE NEW PIPING AND FLUES ARRANGEMENT INDICATED ON THE DRAWING.
22. SUBMIT SHOP DRAWINGS OF EQUIPMENT LAYOUT, PIPING LAYOUT, PIPE SUPPORTS AND RELATED ACCESSORIES PRIOR TO FABRICATING ANY OF THE MATERIALS REQUIRED FOR THIS PROJECT. REFER TO SECTION 15010-2, PARAGRAPH 1.3C FOR ADDITIONAL INFORMATION.
23. ALL PIPING IN THE BUILDING SHALL BE INSTALLED CONCEALED ABOVE CEILING OR IN WALL EXCEPT IN LOCATIONS PRE-APPROVED BY THE ARCHITECT TO BE EXPOSED.
24. ANY EXPOSED PIPING & ACCESSORIES THAT ARE ALLOWED SHALL BE INSTALLED IN LOCATIONS THAT ARE INCONSPICUOUS AS POSSIBLE, AND SHALL FOLLOW THE LINES OF THE STRUCTURE AS CLOSELY AS POSSIBLE.
25. AESTHETICS ARE A VERY IMPORTANT COMPONENT OF THIS PROJECT. INSTALLATION OF PLUMBING WORK SHALL BE OF THE HIGHEST QUALITY AND CRAFTSMANSHIP POSSIBLE.
26. SECURE NEW GAS PIPING ON ROOF WITH PIPE SUPPORT. INSTALLED AT MAX. 6'-0" ON CENTER. SEE DETAIL 3/P-2

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	CONNECTION: WASTE	TRAP	VENT	HOT WATER	COLD WATER	REMARKS
WC-1	WATER CLOSET	4"	INT	2"	-	1¼"	WALL HUNG, F.V., HC.
L-1	LAVATORY	2"	1¼"×1½"	1½"	-	¾"	WALL HUNG, HC.
L-2	LAVATORY	2"	1¼"×1½"	1½"	½"	½"	WALL HUNG, HC.
UR-1	URINAL	2"	INT.	2"	-	1"	WALL HUNG, F.V., HC.
DF-1	DRINKING FOUNTAIN	2"	1¼"×1½"	1½"	-	¾"	DUAL, WALL HUNG, HC.
DF-2	DRINKING FOUNTAIN	2"	1¼"×1½"	1½"	-	¾"	WALL HUNG, HC.
FS-1	FLOOR SINK	3"	2"	2"	-	-	
HB-1	HOSE BIBB	-	-	-	-	¾"	WITH VACUUM BREAKER
FAG-1	FIXED AIR GAP	2"	2"	1½"	-	-	

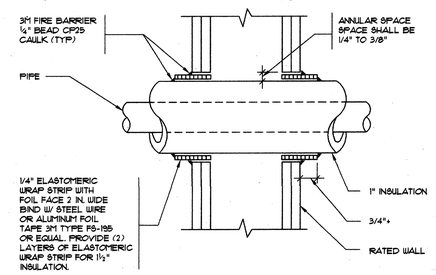
GAS LOAD-CFH

	SPACE HEATING	WATER HEATING	DOMESTIC	OTHER	TOTAL
EXISTING	-	-	-	-	-
NEW	1435	75	108	-	1618
FUTURE	-	-	-	-	-
TOTAL	1435	75	108	-	1618

GAS PIPE SIZING BASED ON TOTAL DEVELOPED LENGTH OF 550 FT. RUN

LEGEND

SYMBOL	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
	W	WASTE PIPING BEL. FLR.	ABV.	ABOVE
	W	WASTE PIPING ABV. FLR.	ATPV	AUTOMATIC TRAP PRIMER VALVE
	V	VENT PIPING	CFH	CUBIC FEET PER HOUR
	CW	COLD WATER PIPING	CI	CAST IRON
	HW	HOT WATER PIPING	CLG.	CEILING
	HWR	HOT WATER RETURN	CONN.	CONNECT/CONNECTION
	POC	POINT OF CONNECTION	CONT.	CONTINUATION
	UP	PIPING UP	DF	DRINKING FOUNTAIN
	DN	PIPING DOWN	DN.	DOWN
	FCO	FLOOR CLEANOUT	DWG'S	DRAWINGS
	CO/WCO	WALL CLEANOUT	(E) EXIST	EXISTING
	COYB	CLEANOUT IN YARD BOX	FLR	FLOOR
	AFS	AUTOMATIC FIRE SPRINKLER LINE	FHC	FIRE HOSE CABINET
	F	FIRE LINE	FU	FIXTURE UNIT
	G	GAS PIPING	FV	FLUSH VALVE
	U	UNION	GPM	GALLONS PER MINUTE
	CH.V.	CHECK VALVE	H.C.	HANDICAPPED
	B.V.	BALL VALVE	HDR	HEADER
	SOV	SHUT-OFF VALVE	IE.	INVERT ELEVATION
	F.C.	FLEXIBLE CONNECTOR	MTD.	MOUNTED
	G.C.	GAS COCK	MECH.	MECHANICAL
	WHA	WATER HAMMER ARRESTER	MIN.	MINIMUM
	BL.V.	BALANCING VALVE	TMV.	THERMOSTATIC MIXING VALVE
	H.B.	HOSE BIBB	TYP	TYPICAL
	AFSH.	AUTOMATIC FIRE SPRINKLER HEAD	D.F.	DRINKING FOUNTAIN
(E)	(E) W.	EXISTING WASTE PIPING	Y.B.	YARD BOX
(E)	(E) V.	EXISTING VENT PIPING	W	WITH
(E)	(E) CW.	EXISTING COLD WATER PIPING	S.I.A.S.	SPECIFIED IN ANOTHER SECTION
(E) G	(E) G.	EXISTING GAS PIPING	R. I. & C.	ROUGH-IN & CONNECT
TP	TP	TRAP PRIMER LINE		
CD	CD	CONDENSATE DRAIN PIPING		
		EXISTING PIPING TO BE REMOVED		
	FD	FLOOR DRAIN		



U.L. LISTED SYSTEM #WL5001

NOTE:

1. FOR UNINSULATED PIPE WRAP STRIP MAY BE ELIMINATED AND ANNULAR SPACE SHALL BE Ø-3/16 INCH WITH CAULK ONLY.

RECTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DATE APR 09 1998

PIPE THRU FIRE WALL

SCALE: NONE — 2

BID SET

OSBORN ARCHITECTS

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO REG. NO. 8243 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1920 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

SITE PLAN, LEGEND, SCHEDULES, GENERAL NOTES, AND DETAILS

AS-BUILT DRAWINGS

SHEET NO.: P-1

SCALE: AS NOTED
DATE: 04/07/98
JOB NO: 5641
DRAWN BY: MO
CHECKED BY: JW 1 OF 8

CEDG No. 5641

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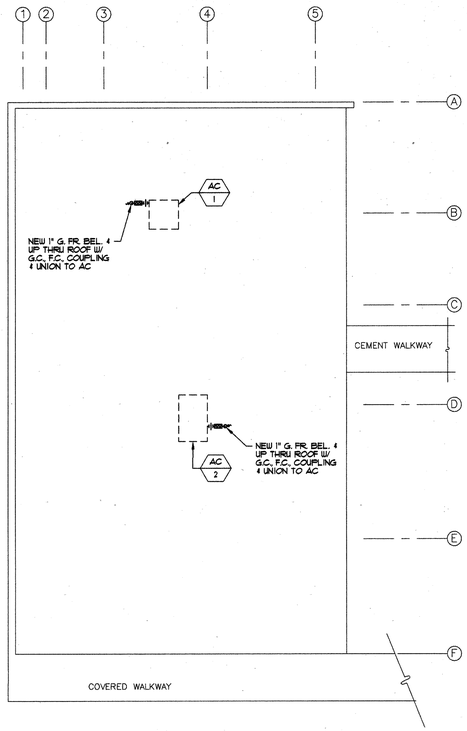

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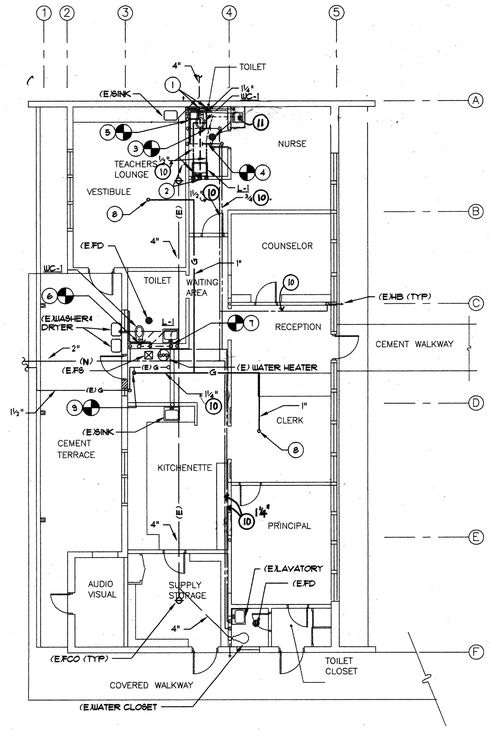
ADMINISTRATION BLDG. A - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" | 1



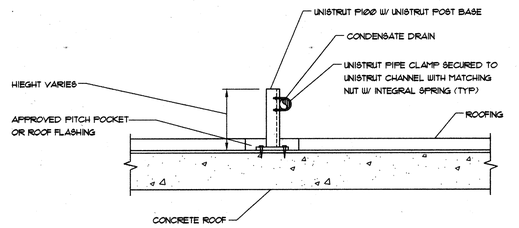
RECONSTRUCTION NOTES:

1. NEW 4" W. DN. & CONNECT TO EXIST. 4"W. BEL. FLR. NEW 2" V. UP TO ABV. CLG. & 1¼ CW DN.
2. NEW 2" W. DN. & CONNECT TO EXIST. 2"W. BEL. FLR. NEW 1½" V. UP TO ABV. CLG. NEW ½" HW & 1/2"CW. DN.
3. CONNECT NEW 1½ CW. TO EXIST. 1½ CW ABV. CLG.
4. CONNECT NEW ½ HW TO EXIST. ¾ HW ABV. CLG.
5. CONNECT NEW 2"V. TO EXIST. 2"VTR.
6. CONNECT NEW WATER CLOSET TO EXIST. W. V. & CW PIPING IN WALL. REWORK EXIST. PIPING IF NECESSARY TO ACCOMMODATE INSTALLATION OF NEW WATER CLOSET.
7. CONNECT NEW LAVATORY TO EXIST. W. V. HW. & CW. PIPING IN WALL. REWORK EXIST. PIPING IF NECESSARY TO ACCOMMODATE INSTALLATION OF NEW LAVATORY.
8. NEW 1" G. UP THRU ROOF.
9. CONNECT NEW 1¼" G. TO EXIST. G. PIPE.
10. NEW COPPER HW AND CW PIPING THROUGHOUT BLDG.
11. NEW SINK.

N

ADMINISTRATION BLDG. A - RENOVATION FLOOR PLAN

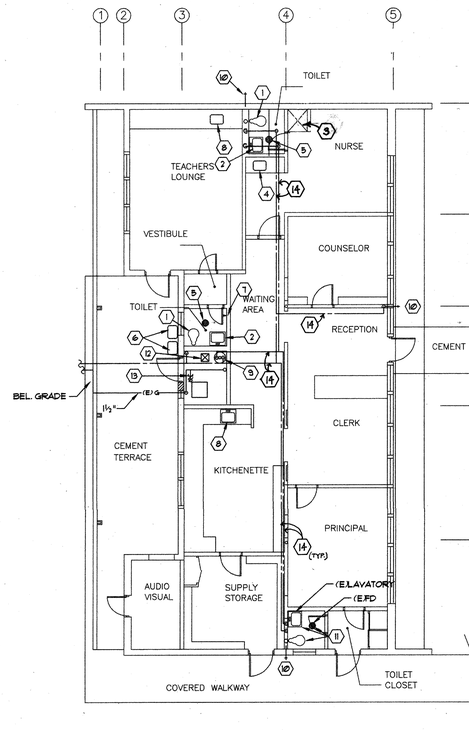
SCALE: 1/8"=1'-0" | 2



NOTE:
SECURE POST BASE TO CONCRETE ROOF WITH (2) 3/8" DIA HILTI KWIKBOLT CONCRETE ANCHOR WITH 1" MIN EMBEDMENT

PIPE SUPPORT ON ROOF

SCALE: NONE | 3



DEMOLITION NOTES:

1. REMOVE EXIST. WATER CLOSET, CARRIER, & ALL RELATED APPURTENANCES, CAP W. V. & CW PIPING IN WALL.
2. REMOVE EXIST. LAVATORY & ALL RELATED APPURTENANCES, CAP W., V., HW & CW. PIPING IN WALL.
3. EXIST. SHOWER HEAD, SHOWER DRAIN, VALVE, & ALL RELATED APPURTENANCES TO BE REMOVED.
4. REMOVE EXIST. SINK & ALL RELATED APPURTENANCES, CAP W., V., HW & CW. PIPING IN WALL.
5. EXIST. FLOOR DRAIN TO REMAIN.
6. EXIST. WASHER & DRYER, RELATED APPURTENANCES, W., V., HW, & CW. PIPING ON WALL AND INSIDE THE BUILDING TO REMAIN.
7. REMOVE EXIST. SHOWER HEAD, VALVE AND RELATED HW. & CW. PIPING IN WALL & ABV. CLG.
8. EXIST. SINK & ALL RELATED APPURTENANCES TO REMAIN.
9. EXIST. WATER HEATER, HW. CIRCULATING PUMP, ALL RELATED APPURTENANCES, FLUE THRU ROOF, HW. & CW. PIPING TO REMAIN.
10. EXIST HOSE BIBB TO REMAIN.
11. EXIST. LAVATORY, WATER CLOSET & FLOOR DRAIN TO REMAIN.
12. EXIST FLOOR SINK & V. PIPING IN WALL CAP EXIST. PIPING BEL FLR. TO REMAIN.
13. CAP EXIST. 1¼"G. PIPING & REMOVE G.C. & PIPING TO EXIST. FURNACE.
14. REMOVE (E) HW. AND CW. PIPING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
APPR RS PE SS
DATE APR 09 1998

N

ADMINISTRATION BLDG. A - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-0" | 4

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD A. OSBORN No. C 20877 exp. 4/30/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. M 024516 Exp. 6-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT
MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4909 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1. -
2.
3.
4.
5.

SHEET TITLE:
ADMINISTRATION BUILDING "A" DEMO-RENOV FLOOR PLANS

AS BUILT DRAWINGS

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO:
DRAWN BY: MO
CHECKED BY: JW

SHEET NO.:
P-2
2 OF 8

CEDG No. 5641

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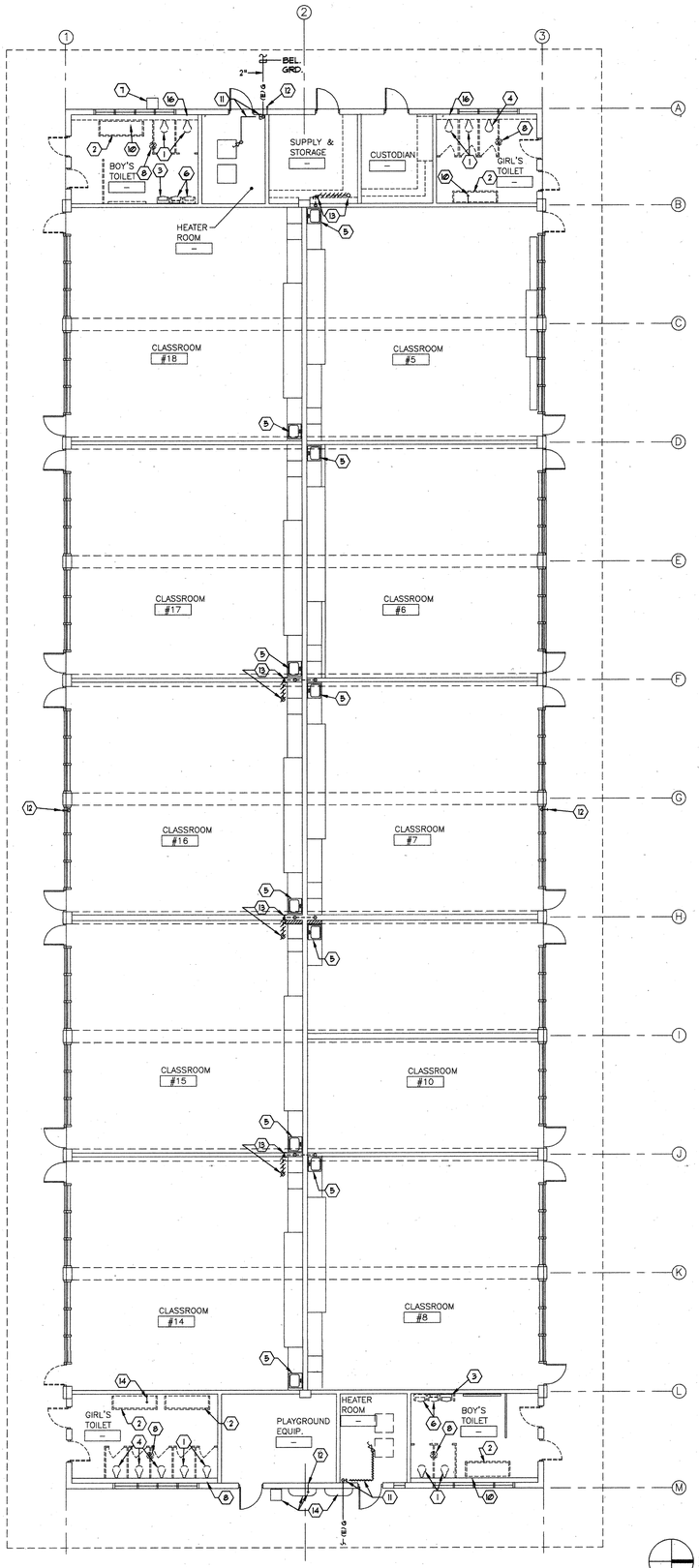
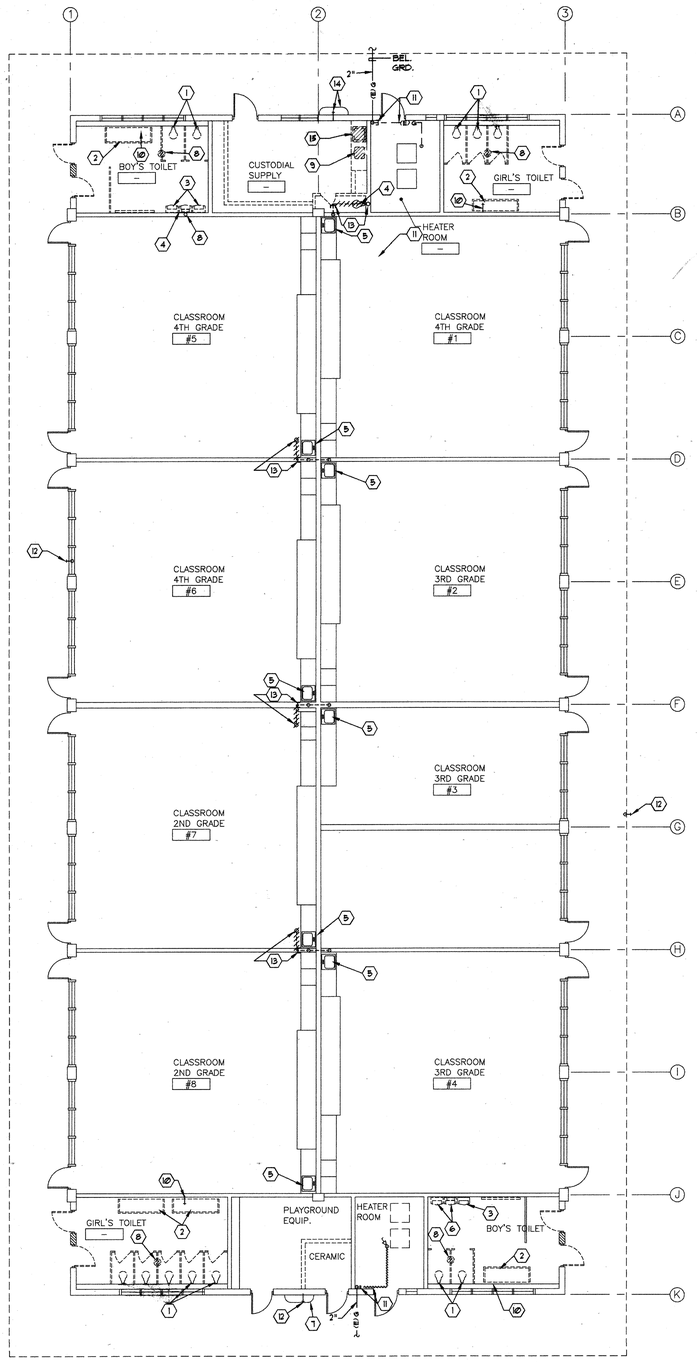


CLASSROOM BLDG. B - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-0" (1)



CLASSROOM BLDG C - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-0" (2)

DEMOLITION NOTES:

1. REMOVE EXIST. WATER CLOSET, CARRIER, AND ALL RELATED APPURTENANCES. CAP EXIST. W, V, & CW PIPING IN WALL.
2. REMOVE EXIST. WASH SINK, & ALL RELATED APPURTENANCES, CAP EXIST. W, V, & CW PIPING IN WALL.
3. REMOVE EXIST. URINAL, & ALL RELATED APPURTENANCES, CAP EXIST. W, & V PIPING IN WALL, & CAP EXIST. CW PIPING ON WALL.
4. EXIST. WATER CLOSET AND ALL RELATED APPURTENANCES TO BE REMOVED.
5. EXIST. SINK & ALL RELATED APPURTENANCES TO REMAIN.
6. EXIST. URINAL & ALL RELATED APPURTENANCES TO REMAIN.
7. EXIST. DRINKING FOUNTAIN, & ALL RELATED APPURTENANCES TO REMAIN.
8. EXIST. FLOOR DRAIN TO REMAIN.
9. EXIST ELECTRIC WATER HEATER, & ALL RELATED APPURTENANCES TO BE REMOVED.
10. REMOVE EXIST. HOSE BIBB & CAP EXIST. CW. PIPING IN WALL.
11. CAP EXIST GAS PIPING. REMOVE EXIST GAS PIPING & G.C. TO EXIST FURNACE.
12. EXIST. HOSE BIBB TO REMAIN.
13. CAP EXIST. 1½" V. ABV. CLG. REMOVE EXIST. V. PIPING ABV. CLG. & VTR. PATCH & REPAIR ROOF TO MATCH EXIST.
14. REMOVE EXIST. DRINKING FOUNTAIN, HOSE BIBB & ALL RELATED APPURTENANCES. CAP EXIST. W,V, CW. PIPING ON INTERIOR WALL.
15. SINK AND CABINET TO BE REMOVED CAP PIPES IN WALL AND UNDER FLOOR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100251
FLS W SS TONTICA
DATE APR 09 1998

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/99 STATE OF CALIFORNIA

888 EAST BROADWAY GLENDALE CALIFORNIA 91205
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Fx: 213-663-1564
Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 12476 EXP. 6-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4920 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

CLASSROOM BUILDING "B" & BUILDING "C" DEMOLITION FLOOR PLANS

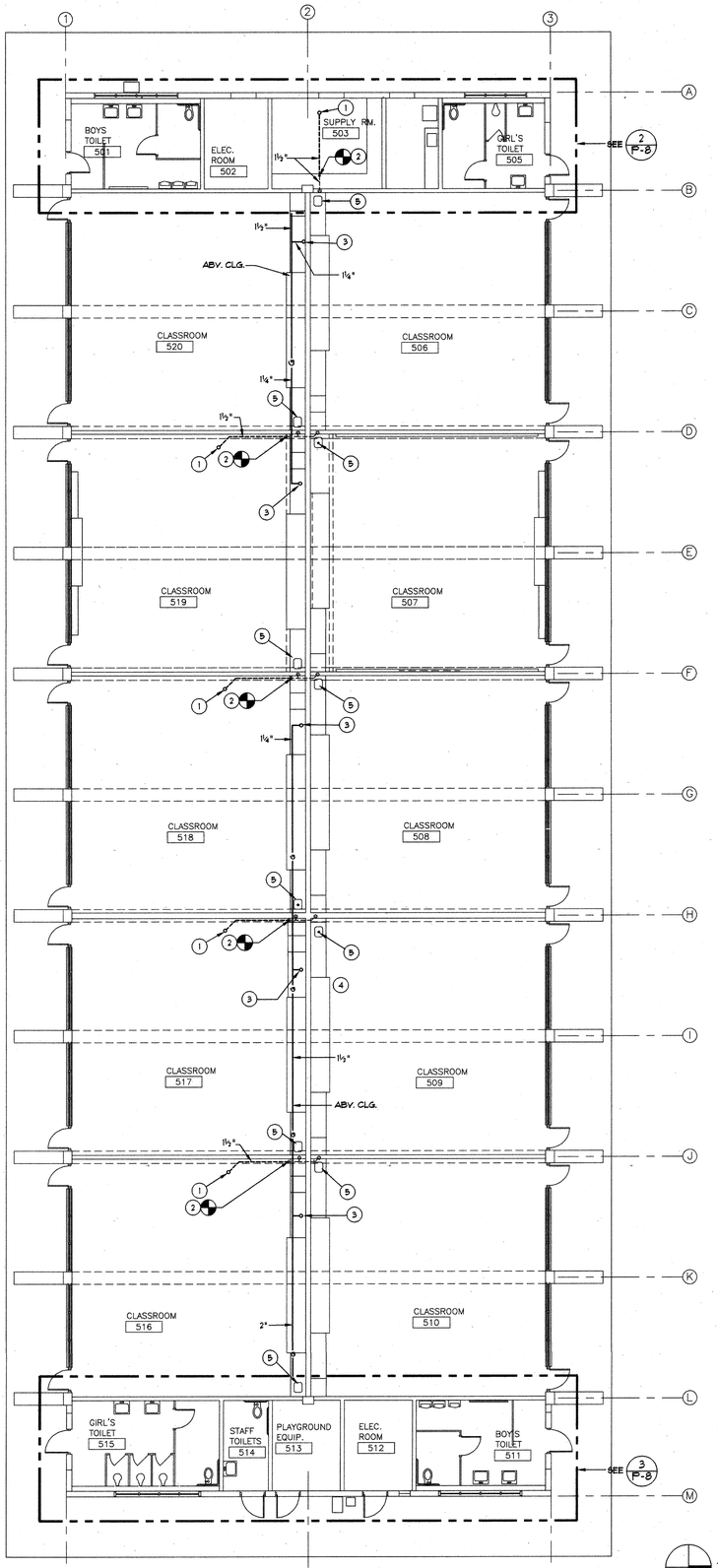
AS BUILT DRAWINGS

SHEET NO.: P-3

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: MO
CHECKED BY: JW
3 OF 8

CEDG No. 5641

S:\PROJECT\9600\VALVIEW\SHT\VLLMB1#13.DWG PLOTTED 04/07/98

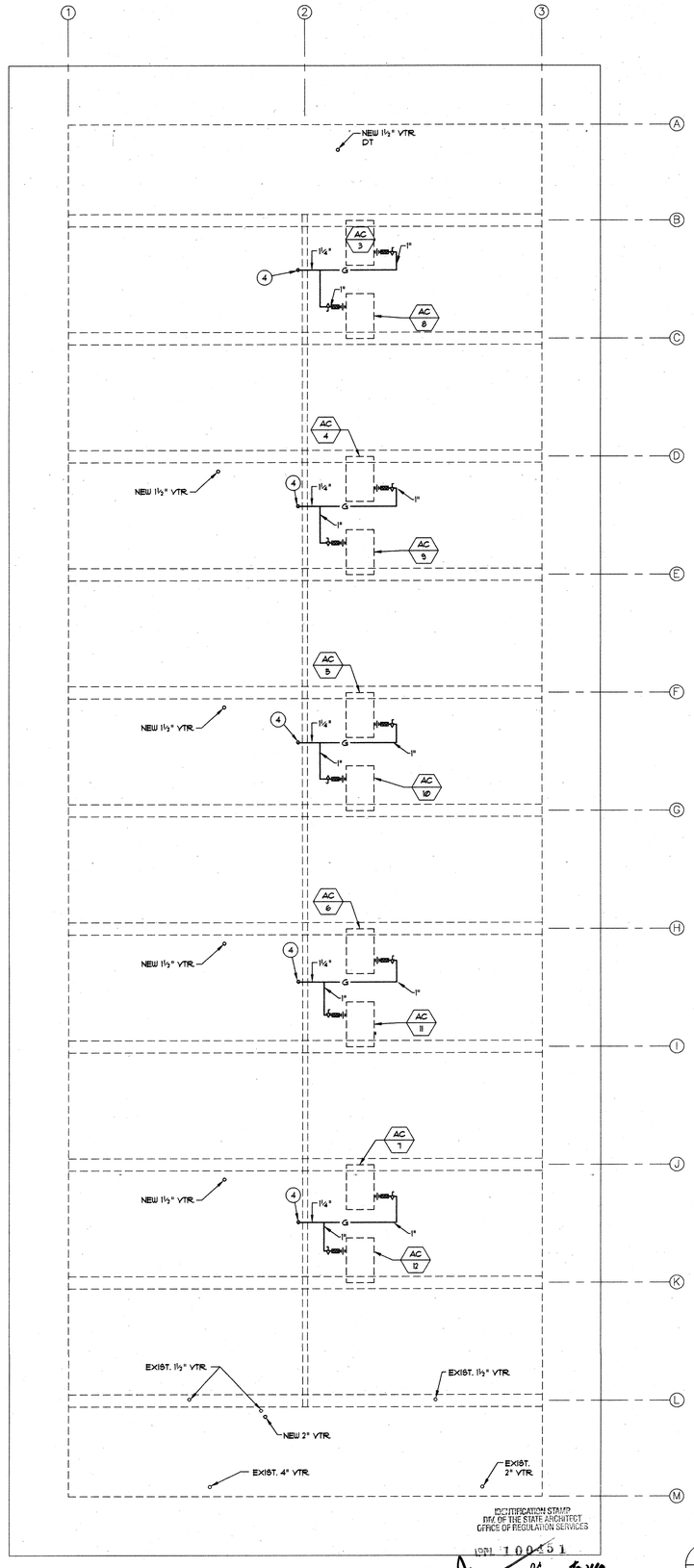


RECONSTRUCTION NOTES:

1. NEW 1½" VTR.
2. CONNECT NEW 1½" V TO EXIST 1½" V ABV CLG.
3. NEW 1¼" G UP THRU ROOF.
4. NEW GAS PIPING FROM BEL. 4 UP THRU ROOF W/ GC, F.C., COUPLING & UNION TO EACH AC UNIT.
5. EXIST. CLASSROOM SINK.

NOTE:

1. SECURE NEW GAS PIPING ON ROOF WITH PIPE SUPPORT INSTALLED AT MAX. 6'-0" ON CENTER. SEE DETAIL 3/F-7
2. SECURE NEW GAS PIPING ON ROOF WITH INSTALLED NEAR AC UNITS WITH GALVANIZED PIPE CLAMP & GALVANIZED UNISTRUT CHANNEL WELDED TO AC UNIT SUPPORT STRUCTURE. REGALVANIZED WELDED AREA. SEE MECHANICAL & STRUCTURAL DRAWINGS.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

ID# 100551

FILE No. 55-1

DATE APR 09 1998

CLASSROOM BLDG. B - RENOVATION FLOOR PLAN

SCALE: 1/8"=1'-0" (1)

CLASSROOM BLDG B - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" (2)

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 4/30/98 STATE OF CALIFORNIA

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 02451 Exp. 6-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4800 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
CLASSROOM BUILDING "B" RENOVATION FLOOR & ROOF PLANS

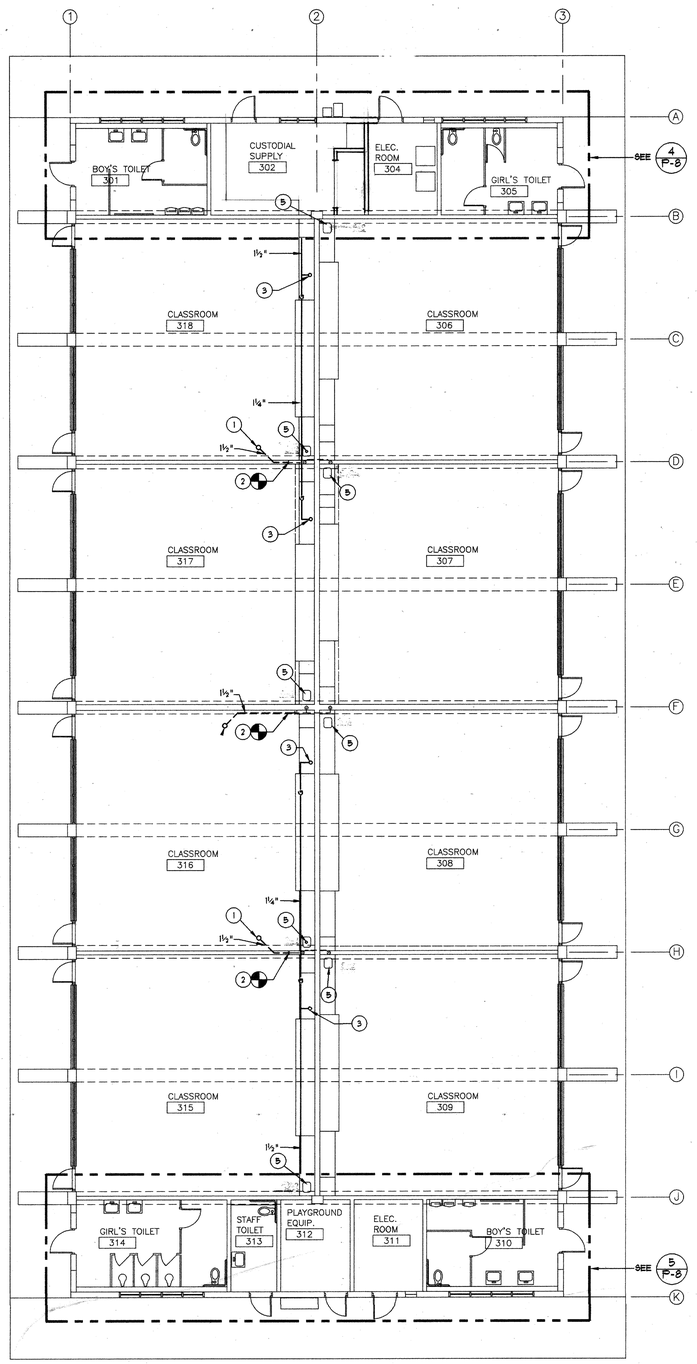
ASBUILT DRAWINGS

SHEET NO.: P-4

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO.:
DRAWN BY: KM
CHECKED BY: JW
4 OF 8

CEDG No. 5641

D:\PROJECT\VVSD\VALVIEW\SHT\VLLMB\SHTPN.DWG PLOTTED 04/07/98

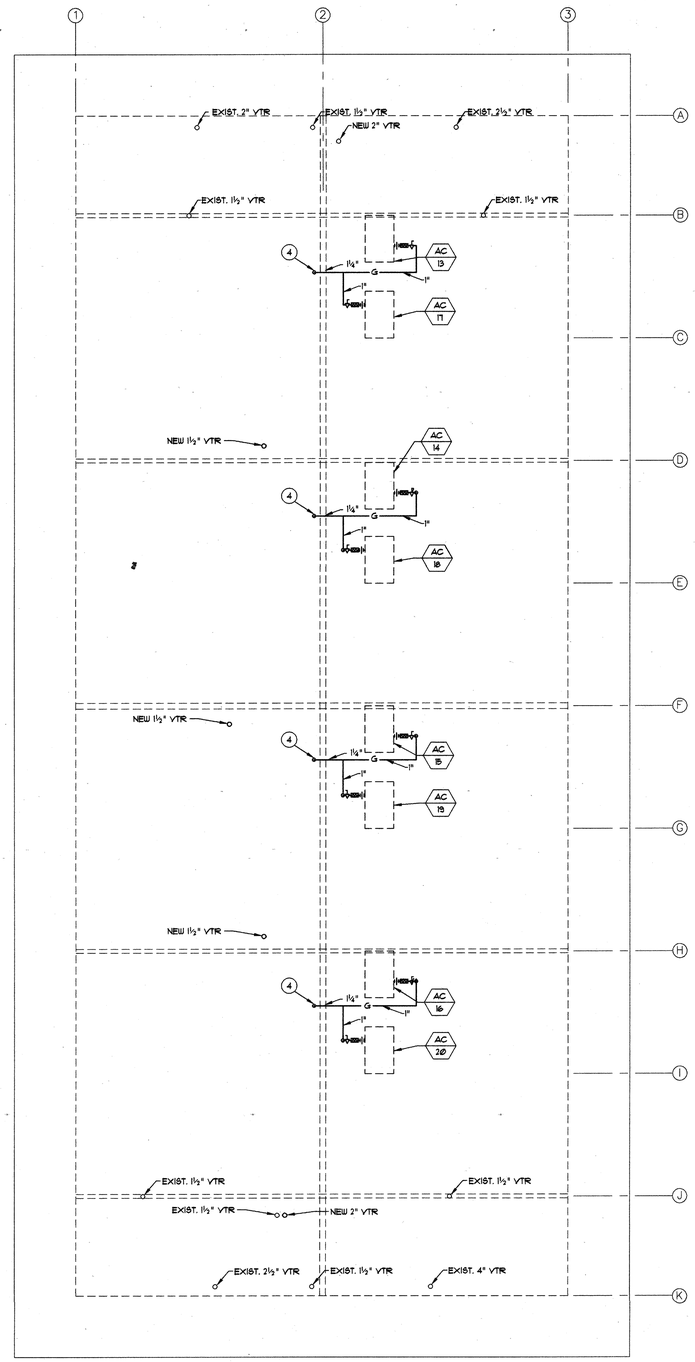


RECONSTRUCTION NOTES:

1. NEW 1½" VTR
2. CONNECT NEW 1½" V TO EXIST 1½" V ABV CLG
3. NEW 1¼" G UP THRU ROOF
4. NEW GAS PIPING FROM BEL 4 UP THRU ROOF W/ G.C. F.C. COUPLING 4 UNION TO EACH AC UNIT.
5. EXISTING CLASSROOM SINK.

NOTE:

1. SECURE NEW GAS PIPING ON ROOF WITH PIPE SUPPORT INSTALLED AT MAX. 6'-0" ON CENTER. SEE DETAIL 3/P-2
2. SECURE NEW GAS PIPING ON ROOF WITH INSTALLED NEAR AC UNITS WITH GALVANIZED PIPE CLAMP 4 GALVANIZED UNISTRUT CHANNEL WELDED TO AC. UNIT SUPPORT STRUCTURE. REGALVANIZED WELDED AREA. SEE MECHANICAL 4 STRUCTURAL DRAWINGS.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

APPL 100451

BY [signature] DSA KC SS FOR/KA

DATE APR 09 1998

N

CLASSROOM BLDG C - RENOVATION FLOOR PLAN

SCALE: 1/8"=1'-0" (1)

N

CLASSROOM BLDG C - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" (2)

BID SET

© \PROJECTS\2020\VALVIEW\5641\PLANS\5641P-5.DWG PLOTTED: 04/07/98

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20817 Exp. 4/30/99 STATE OF CALIFORNIA

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Bob Grossman, SE

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 024618 Exp. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

CLASSROOM BUILDING "C" RENOVATION FLOOR & ROOF PLANS

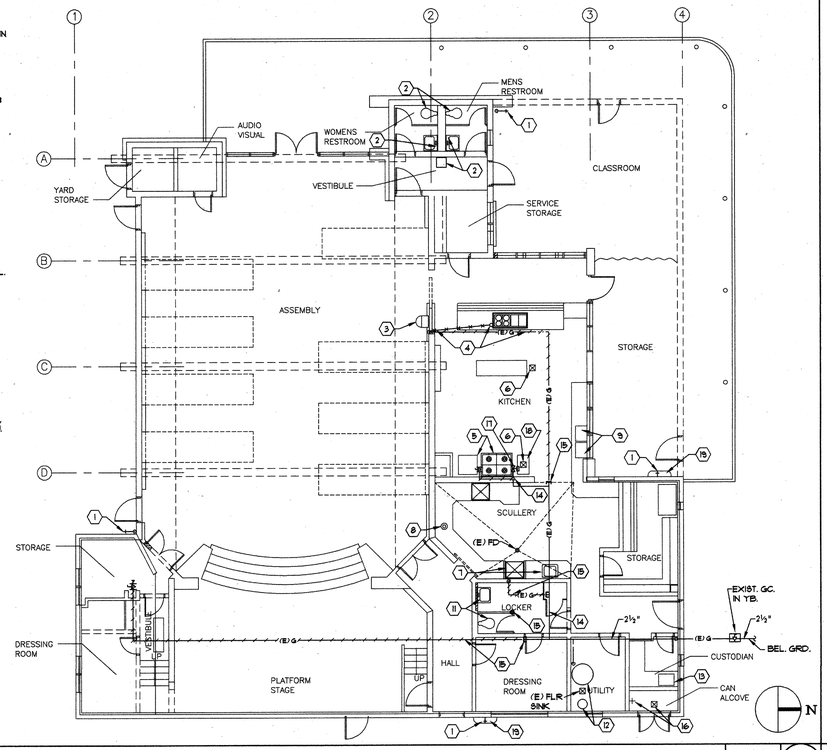
AS BUILT DRAWINGS

SHEET NO.: P-5

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO:
DRAWN BY: JOE
CHECKED BY: JW
5 OF 8

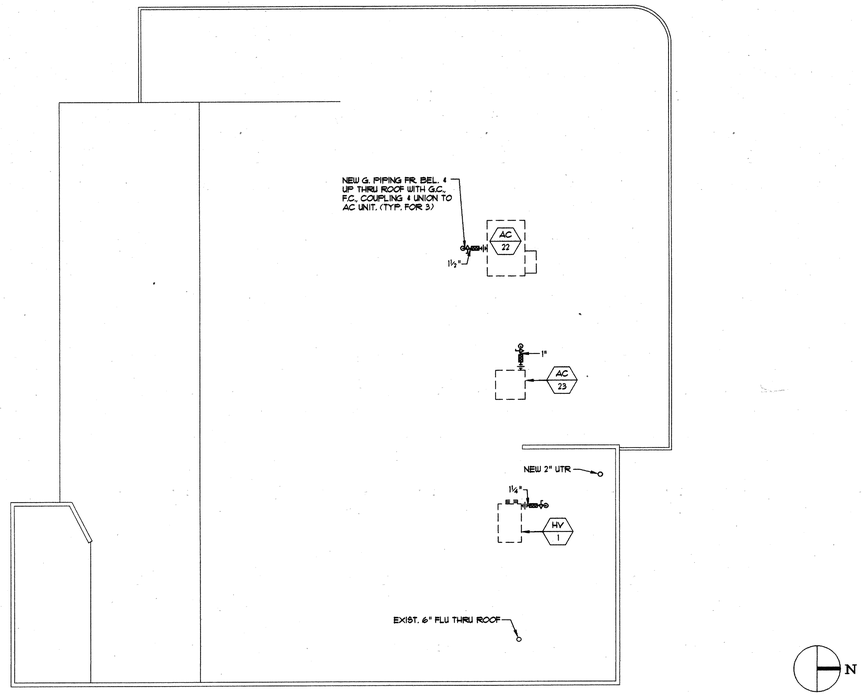
CEDG No. 5641

1. EXIST. HOSE BIBB TO REMAIN.
2. EXIST. WATER CLOSET, LAVATORY, DRINKING FOUNTAIN & ALL RELATED APPURTENANCES TO REMAIN.
3. REMOVE EXIST. DRINKING FOUNTAIN, & ALL RELATED APPURTENANCES. CAP EXIST. W., V. & CW. PIPING IN WALL.
4. REMOVE EXIST HOT FOOD WARMER, EXIST G. PIPING & G.C. ABV FLR. ABANDON EXIST G. PIPING BEL FLR & IN WALL. REMOVE EXIST G. PIPING ABV CLG.
5. REMOVE EXIST OVEN, RANGE, & ALL RELATED APPURTENANCES. CAP EXIST. G. PIPING IN WALL. REMOVE EXIST. MECHANICAL GAS SHUT-OFF VALVE & SHALL BE RELOCATED TO NEW LOCATION. SEE FLOOR PLAN 2/P-6
6. REMOVE EXIST FLOOR SINK. CAP EXIST W. PIPING BEL FLR.
7. REMOVE EXIST SINK OR HAND SINK, & ALL RELATED APPURTENANCES, GAS, HW & CW PIPING IN WALL AND ABV. CLG. CAP EXIST W., V., HW. & CW. PIPING IN WALL.
8. REMOVE EXIST. DISPOSER, & ALL RELATED APPURTENANCES. CAP EXIST. W., V., HW. & CW. PIPING IN WALL.
9. REMOVE EXIST. POT SINK, & ALL RELATED APPURTENANCES. W., V., HW. & CW. PIPING IN WALL & ON WALL. CAP EXIST VTR AT ABV CLG. CAP EXIST. W. PIPING BEL FLR. CAP EXIST. HW & CW. PIPING ABV. CLG.
10. REMOVE EXIST V. PIPING HDR ABV FLR ON WALL. CAP EXIST V. PIPING BEL FLR
11. REMOVE EXIST LAVATORY, WATER CLOSET, CARRIER, & ALL RELATED APPURTENANCES, CAP W. V. HW. & CW. PIPING IN WALL.
12. EXIST WATER HEATER, FLUE, WATER SOFTENER, HW. CIRCULATING PUMP, ALL RELATED APPURTENANCES TO REMAIN.
13. EXISTING SERVICE SINK TO REMAIN.
14. REMOVE EXIST. GC. & G. PIPING ON WALL. CAP EXIST. G. PIPING IN WALL.
15. CAP EXIST G. PIPING ABV. CLG. REMOVE EXIST. DISCONNECTED PIPING.
16. EXIST FAUCET FOR SPRAY NOZZLE & FLOOR SINK TO REMAIN.
17. EXIST. FLOOR DRAIN TO REMAIN.
18. REMOVE EXIST. POT & FILLER FAUCET, RELATED APPURTENANCES, HW & CW. PIPING IN WALL, & ABV. CLG. PATCH & REPAIR WALL TO MATCH EXIST. FINISH.
19. EXIST. DRINKING FOUNTAIN & ALL RELATED APPURTENANCES TO REMAIN.



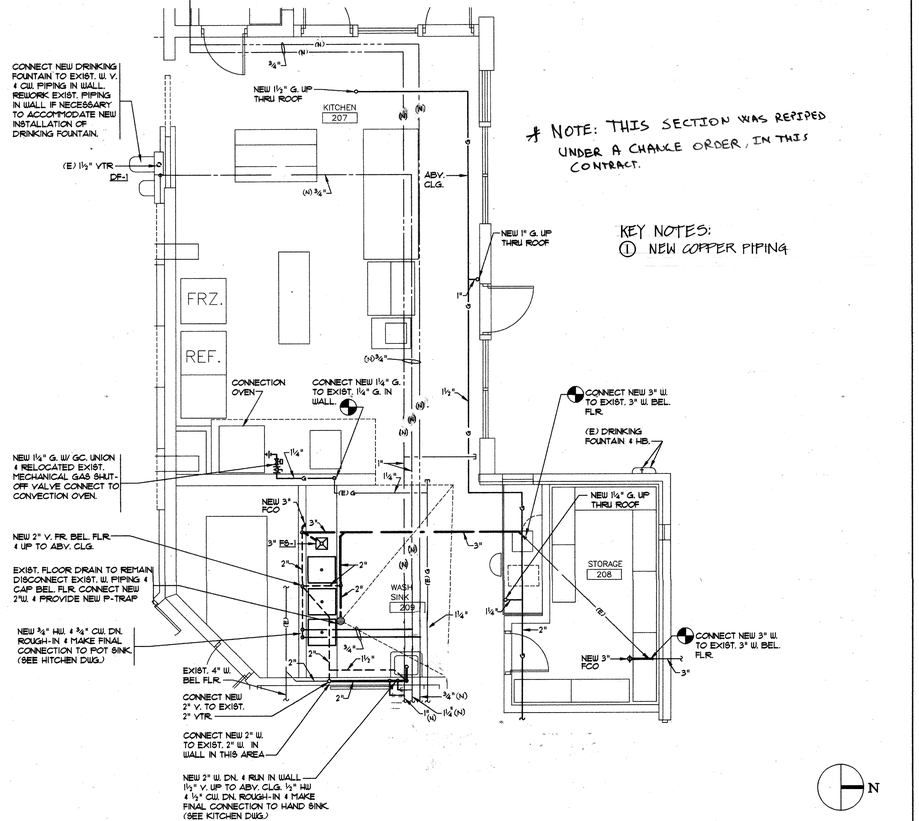
MULTI - PURPOSE BLDG D - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-0" | 1



MULTI - PURPOSE BLDG D - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" | 3

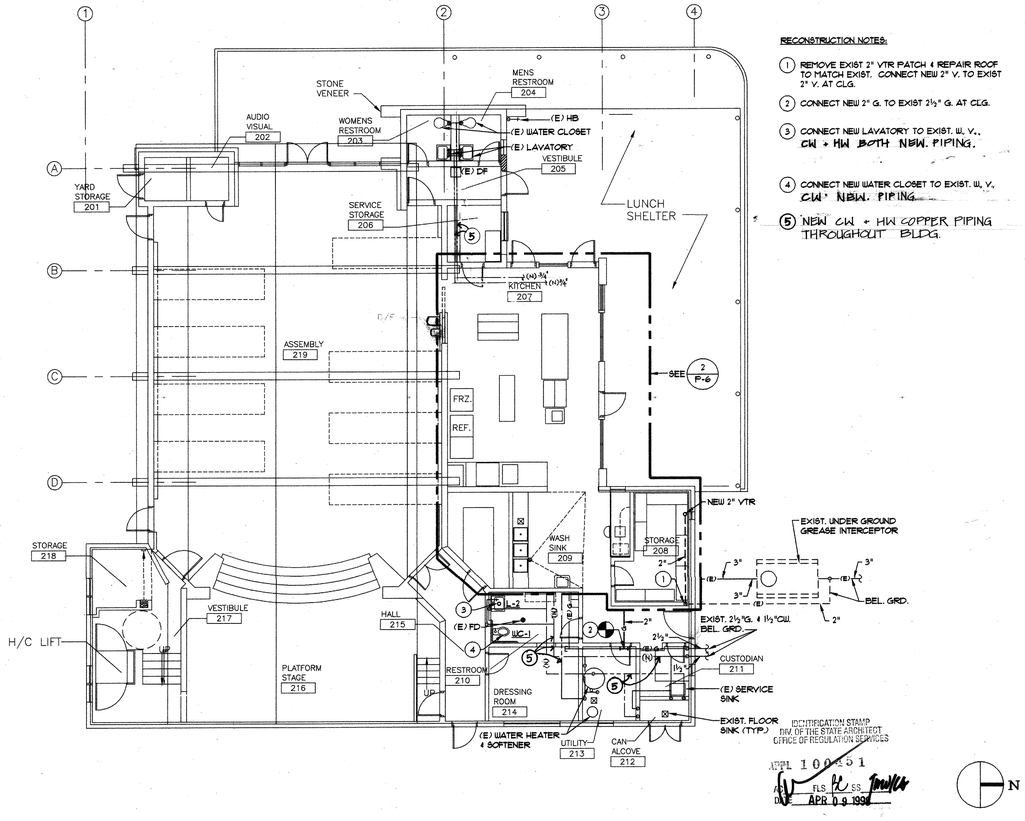


* NOTE: THIS SECTION WAS REPIPED UNDER A CHANGE ORDER, IN THIS CONTRACT.

KEY NOTES:
① NEW COPPER PIPING

KITCHEN - RENOVATION FLOOR PLAN

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



RECONSTRUCTION NOTES:

1. REMOVE EXIST 2" VTR PATCH & REPAIR ROOF TO MATCH EXIST. CONNECT NEW 2" V. TO EXIST 2" V. AT CLG.
2. CONNECT NEW 2" G. TO EXIST 2½" G. AT CLG.
3. CONNECT NEW LAVATORY TO EXIST. W. V., CW & HW BOTH NEW. PIPING.
4. CONNECT NEW WATER CLOSET TO EXIST. W. V. CW & NEW. PIPING.
5. NEW CW & HW COPPER PIPING THROUGHOUT BLDG.

MULTI - PURPOSE BLDG D - RENOVATION FLOOR PLAN

SCALE: 1/8"=1'-0" | 4

BID SET

OSBORN ARCHITECTS

EDWARD K. OSBORN C 20877 Exp. 9/30/99 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 024816 Exp. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4920 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
MULTI-PURPOSE BUILDING "D" DEMO-RENOV FLOOR PLANS & ROOF PLANS

AS BUILT DRAWINGS

SHEET NO.
P-6

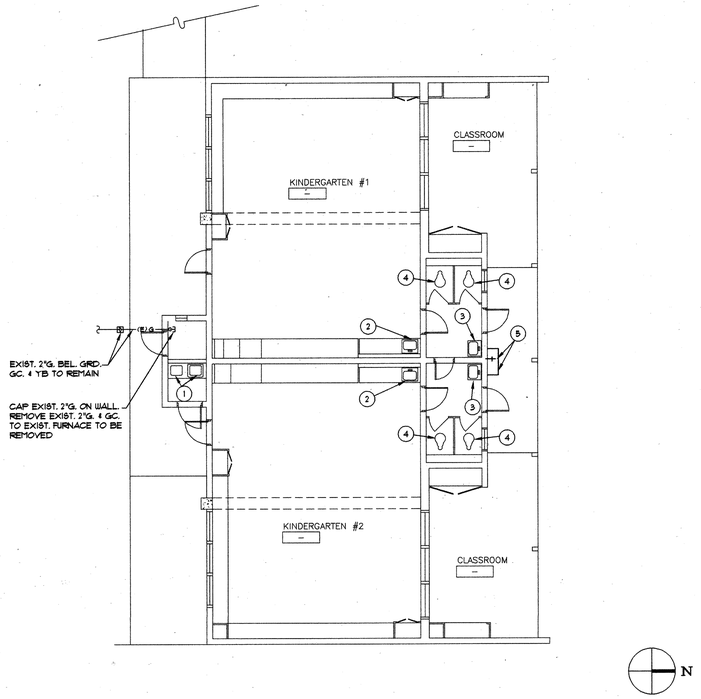
SCALE: AS NOTED
DATE: 04/07/98
JOB NO:
DRAWN BY: MO
CHECKED BY: JW
6 OF 8

CEDG No. 5641

G:\PROJECT\9-0320\WORK\SHT\P-6.DWG PLOTTED: 04/07/98

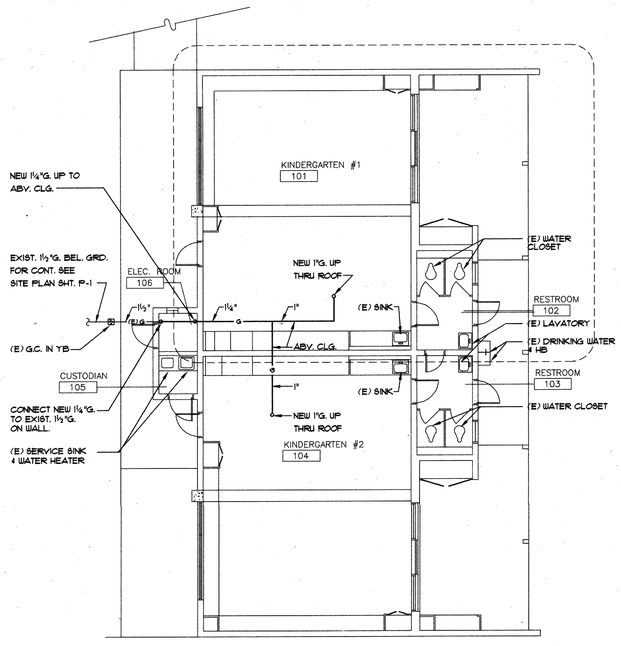
DEMOLITION NOTES:

1. EXIST. SERVICE SINK, WATER HEATER AND RELATED APPURTENANCES TO REMAIN.
2. EXIST. SINK & ALL RELATED APPURTENANCES TO REMAIN.
3. EXIST. LAVATORY & ALL RELATED APPURTENANCES TO REMAIN.
4. EXIST. WATER CLOSET & ALL RELATED APPURTENANCES TO REMAIN.
5. EXIST. DRINKING FOUNTAIN, HOSE BIBB, & ALL RELATED APPURTENANCES TO REMAIN.



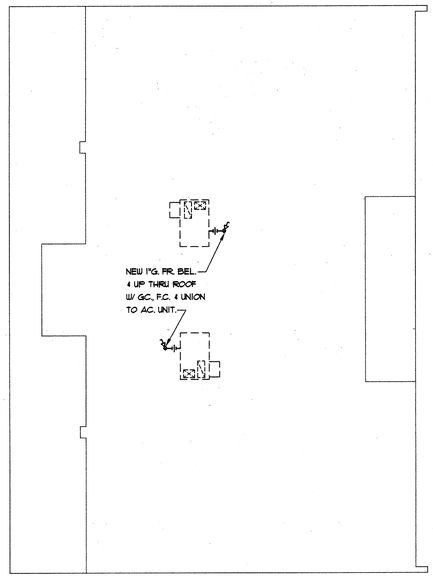
KINDERGARTEN BLDG E - DEMOLITION FLOOR PLAN

SCALE: 1/8"=1'-0" (1)



KINDERGARTEN BLDG E - RENOVATION FLOOR PLAN

SCALE: 1/8"=1'-0" (2)



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DATE APR 0 9 1998

N

KINDERGARTEN BLDG E - RENOVATION ROOF PLAN

SCALE: 1/8"=1'-0" (3)

BID SET

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp. 1/30/99 STATE OF CALIFORNIA

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Bobby Knox AIA

REGISTERED PROFESSIONAL ENGINEER C. G. GATILAO No. 024816 EXP. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

KINDERGARTEN BUILDING "E" RENOVATION FLOOR & ROOF PLANS

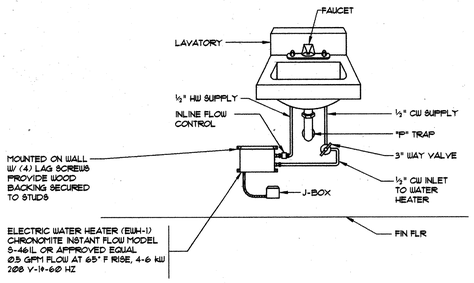
AS BUILT DRAWINGS

SHEET NO.: P-7

SCALE: 1/8"=1'-0"
DATE: 04/07/98
JOB NO.:
DRAWN BY: MO
CHECKED BY: JW

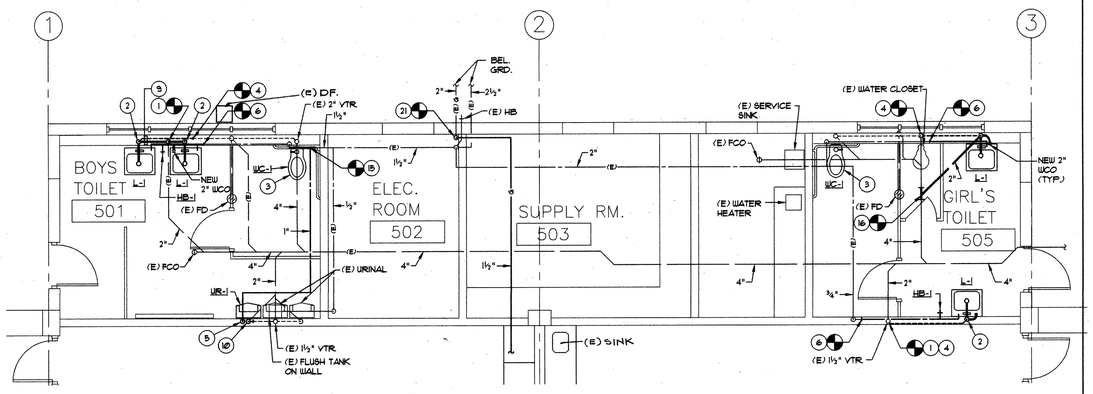
7 OF 8

CEDG No. 5641



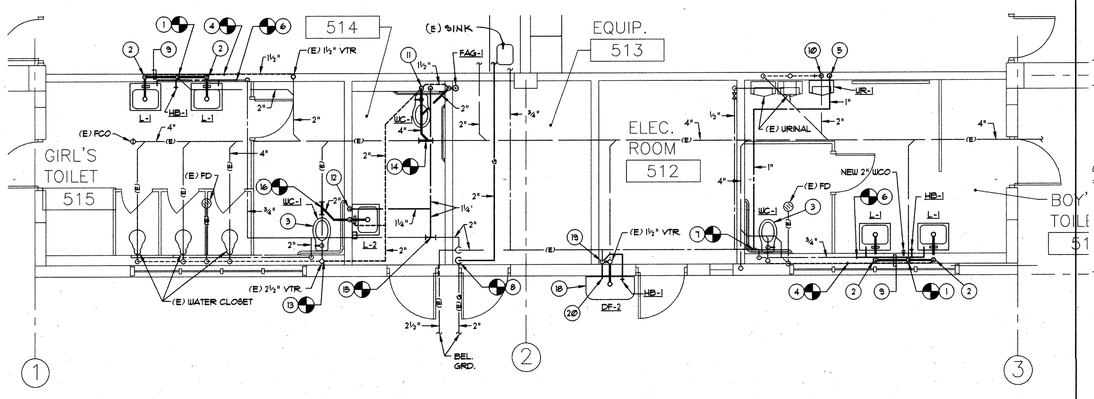
INSTANTANEOUS ELECTRIC WATER HEATER

SCALE: NONE — 1



ENLARGED CLASSROOM BLDG B - RENOVATION TOILETS (WEST)

SCALE: 1/4"=1'-0" — 2

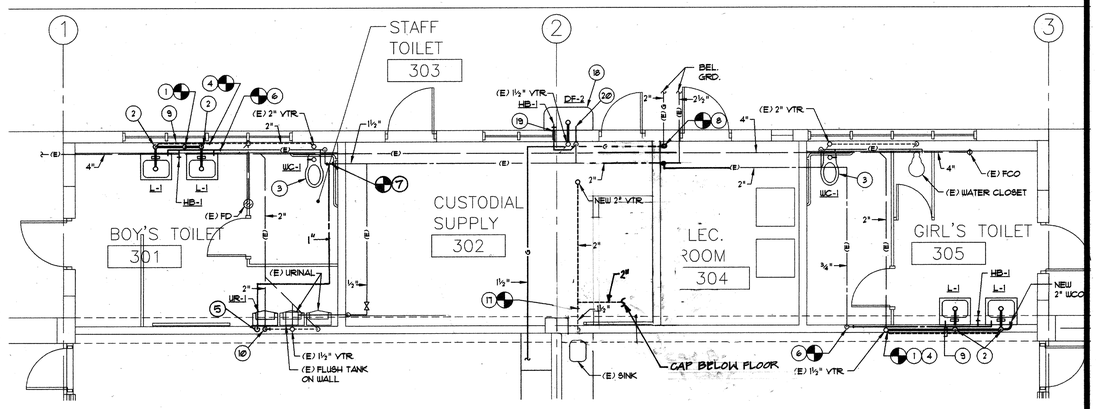


ENLARGED CLASSROOM BLDG B - RENOVATION TOILETS (EAST)

SCALE: 1/4"=1'-0" — 3

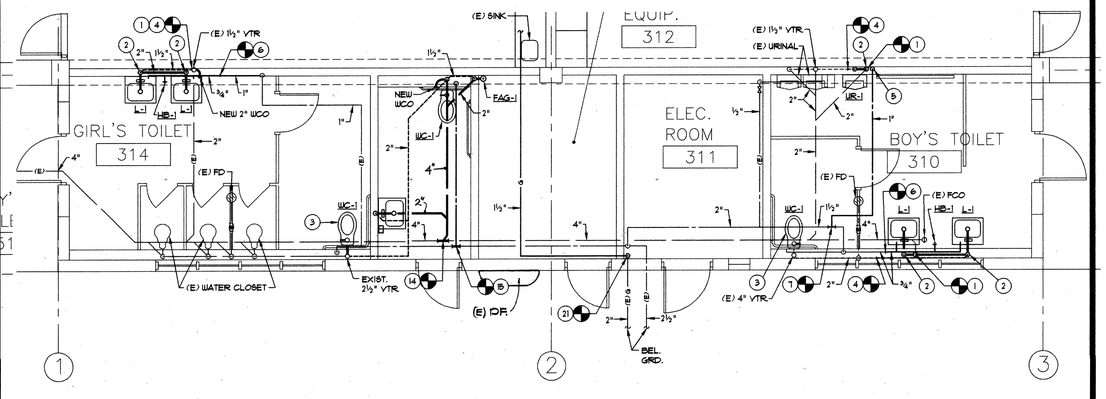
RECONSTRUCTION NOTES

1. CONNECT NEW 2" W. TO EXIST. 2" W. IN WALL.
2. NEW 2" W. DN. RUN IN WALL & 1½" V. UP TO HDR.
3. CONNECT NEW WATER CLOSET TO EXIST. WASTE, VENT, & CW. IN WALL.
4. CONNECT NEW 1½" V. TO EXIST. 1½" V. OR 2" V. IN WALL.
5. NEW 1" CW. DN. TO UR-1
6. CONNECT NEW ¾" CW. TO EXIST. ¾" CW. OR 1" CW. IN WALL.
7. CONNECT NEW 1" CW. TO EXIST. 1½" CW. OR 2" CW. ABV. CLG.
8. CONNECT NEW 2" G. TO EXIST. 2" G. ON WALL.
9. NEW 2" W. 1½" V., & ¾" CW. IN WALL.
10. NEW 2" W. DN. 1½" V. UP. CONNECT TO EXIST. IN WALL.
11. NEW 4" W. DN. W/ WCO NEW 2" VTR & 1½" CW. DN.
12. NEW 2" W. DN. 1½" V. UP TO ABV. CLG. ¾" CW. DN. W/ ½" CW. TO L-2, & 1½" CW. TO INSTANTANEOUS ELECT. WATER HEATER SEE DETAIL 3/P-8
13. CONNECT NEW 2" V. TO EXIST. VTR.
14. CONNECT NEW 4" W. TO EXIST. 4" W. BEL. FLR.
15. CONNECT NEW 1¼" CW. TO EXIST. 1½" CW OR 2" CW. ABV. CLG.
16. CONNECT NEW 2" W. TO EXIST. 4" W. BEL. FLR.
17. CONNECT NEW 2" V. TO EXIST. 1½" V. OR 2" V. ABV. CLG.
18. CONNECT NEW DRINKING FOUNTAIN TO EXIST. WASTE & VENT INSIDE THE BUILDING.
19. CONNECT ¾" CW. TO EXIST. ON WALL INSIDE THE BUILDING & RUN THRU WALL TO HB-1.
20. CONNECT NEW ¾" CW. TO EXIST. ON WALL INSIDE THE BUILDING & RUN THRU WALL TO DF-2



ENLARGED CLASSROOM BLDG C - RENOVATION TOILETS (WEST)

SCALE: 1/4"=1'-0" — 4



ENLARGED CLASSROOM BLDG C - RENOVATION TOILETS (EAST)

SCALE: 1/4"=1'-0" — 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100851
DATE APR 09 1998

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REGISTERED PROFESSIONAL ENGINEER CIRILO G. GATILAO No. 10346 EXP. 9-30-98 MECHANICAL STATE OF CALIFORNIA

PROJECT TITLE:
GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:
TOILET ROOM PLANS AND DETAIL

AS BUILT DRAWINGS

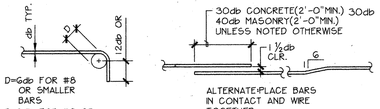
SCALE: AS NOTED
DATE: 04/07/98
JOB NO: 9641
DRAWN BY: AR
CHECKED BY: JW

SHEET NO.: P-8

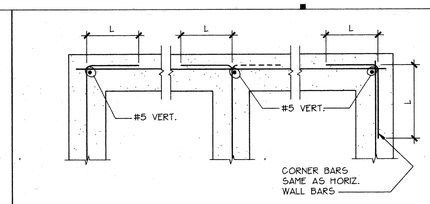
8 OF 8

CEDG No. 5641

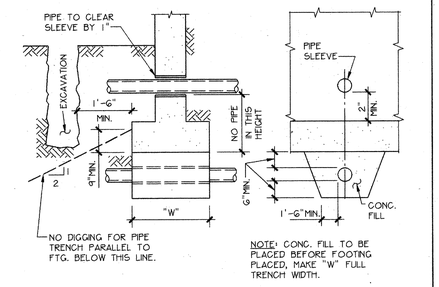
G:\PROJECT\5641\PLOT\VALVIEW.SHT PLOTTED: 04/27/98



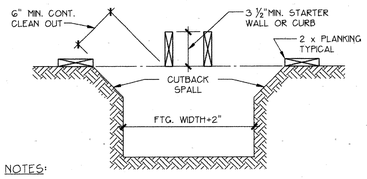
TYPICAL REBAR DETAILS | 1



TYPICAL WALL REINFORCING | 2



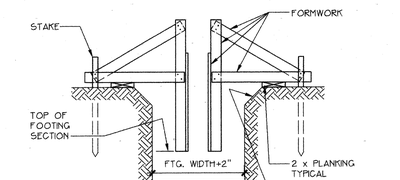
TYPICAL TRENCH EXCAVATION | 3



NOTES:

1. THIS DETAIL MAY ONLY BE USED WHEN SPECIFICALLY APPROVED BY ARCHITECT/ENGINEER AND D.S.A. INSPECTOR.
2. THIS DETAIL SHOWS THE MINIMUM FORMWORK REQUIRED, UNLESS FULLY FORMED.
3. FORMWORK NOT PERMITTED BELOW GRADE UNLESS FULLY FORMED.
4. STAKES NOT PERMITTED WITHIN FOOTING SECTION.

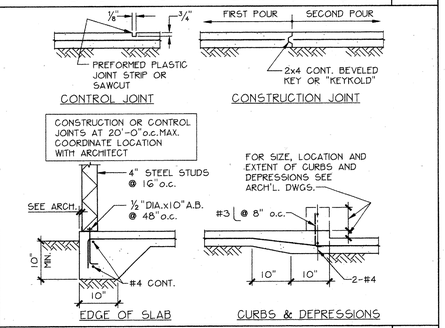
TYPICAL FOOTING EXCAVATION | 4



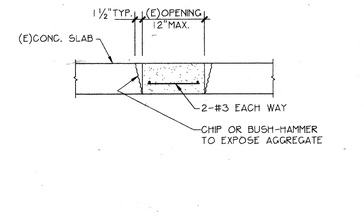
NOTES:

1. THIS DETAIL MAY ONLY BE USED WHEN SPECIFICALLY APPROVED BY ARCHITECT/ENGINEER AND D.S.A. INSPECTOR.
2. STAKES NOT PERMITTED WITHIN FOOTING SECTION.

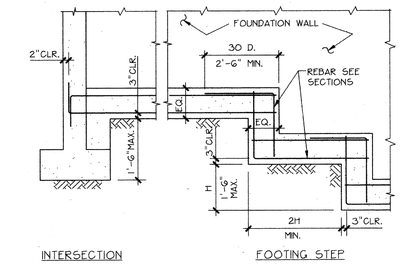
TYPICAL FOOTING FORMWORK | 5



TYP. SLAB ON GRADE DETAILS | 6



TYP. INFILL EXIST. OPENING | 7



TYP. STEPPED FOOTING DETAIL | 8

SECTION | 9

SECTION | 10

SECTION | 11

SECTION | 12

SECTION | 13

SECTION | 14

1. ALL CONSTRUCTION IS NEW EXCEPT AS NOTED TO BE EXISTING AND EXISTING DIMENSIONS.
2. (E) INDICATES EXISTING CONSTRUCTION.
3. (N) INDICATES NEW CONSTRUCTION.
4. EXISTING CONCRETE SHALL BE NEATLY SAWCUT FOR NEW OPENINGS, NO OVERCUTTING IS PERMITTED. HAND DRILL & CHIP SLAB AT CORNERS.
5. O.W. INDICATES THE MAXIMUM OPERATING WEIGHTS OF MECHANICAL UNITS.
6. ▨ INDICATES MECHANICAL UNIT. SEE MECHANICAL DRAWINGS.
7. ☒ INDICATES NEW OPENING IN EXISTING CONCRETE SLAB. OPENING SEE MECHANICAL DRAWINGS FOR DUCT SIZES & LOCATION. OPENINGS SHALL BE AS FOLLOWS:
   - •TYP.: DUCT SIZE +2"
   - •SA & RA, TYP.: DUCT SIZE +3"
   - •SA & RA @ BLDG. B & C: DUCT SIZE +4"

   DO NOT CUT MORE THAN ONE REBAR IN EA. DIRECTION PER SLAB OPENING.
8. ALL DIMENSIONS SHALL BE CONFIRMED BY THE CONTRACTOR BASED ON THE ACTUAL EQUIPMENT AND DUCT SIZES, BUT IN ANY CASE, OPENING DIMENSION SHALL NOT EXCEED 24".
9. EXISTING CONCRETE IN COLUMNS, ROOF SLAB AND BEAMS IS LIGHTWEIGHT CONCRETE WITH f'c=2500 PSI AND REINF. f_y = 40 KSI.

TYPICAL PLAN NOTES | 15

GENERAL

1. ALL WORKMANSHIP, MATERIAL, AND TESTING SHALL CONFORM TO THE REQUIREMENTS OF THE 1994 UNIFORM BUILDING CODE, AS AMENDED BY THE CALIFORNIA CODE OF REGULATIONS, TITLE 24. (1995 CBC)
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, TO VERIFY CONDITIONS AT THE JOB SITE AND TO CROSSCHECK DETAILS AND DIMS. ON THE STRUCTURAL DRAWINGS.
3. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
4. DETAILS MARKED TYPICAL SHALL APPLY IN ALL CASES, UNLESS SPECIFICALLY DETAILED OTHERWISE. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER SIMILAR WORK.
5. DESIGN LATERAL LOADS:

   SEISMIC: (AC EQUIPT. @ ROOF)

SEISMIC ZONE COEFFICIENT, Z	= 0.4
IMPORTANCE FACTOR, I	= 1.15
Cp FACTOR	= 0.75
SEISMIC COEFFICIENT, Fp=ZxIxCp	= 0.345

   WIND:

BASIC WIND SPEED	= 70 MPH
EXPOSURE	= C
IMPORTANCE FACTOR	= 1.0.

6. THE DWGS. AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES SEQUENCES AND PROCEDURES, INCLUDING BRACING, SHORING AND LAYDOWN OF CONSTRUCTION MATERIALS, ETC. UNLESS SPECIFICALLY INDICATED OTHERWISE, THE DESIGN AND INSTALLATION OF TEMPORARY SHORING AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. UNLESS OTHERWISE STATED IN WRITING, SITE VISITS BY REPRESENTATIVES OF THE STRUCTURAL ENGINEER:
   - A. DO NOT INCLUDE INSPECTION OF PROTECTIVE OR TEMPORARY CONSTRUCTION
   - B. ARE GENERAL IN NATURE AND ARE NOT CONTINUOUS OR DETAILED
   - C. DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE
   - D. SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.
8. DIMENSIONS SHALL GOVERN OVER SCALES SHOWN ON DRAWINGS.
9. ALLOWABLE SOIL PRESSURE = 2000 PSF PER (E) DRAWINGS.

CONCRETE

1. ALL CONCRETE SHALL BE REGULAR WEIGHT CONCRETE AND SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH f'c=2,500 PSI AT 28 DAYS.
2. REGULAR WEIGHT AGGREGATE SHALL CONFORM TO ASTM C-33.
3. CEMENT SHALL BE PORTLAND CEMENT TYPE II CONFORMING TO ASTM C-150 AND SHALL BE TESTED.
4. MAXIMUM CONCRETE SLUMP SHALL BE 4".
5. THE USE OF POWER DRIVEN CONCRETE FASTENERS FOR TENSION LOADS IS LIMITED TO MINOR LOADS, NOT EXCEEDING 100 LBS. THE OPERATOR, TOOL AND FASTENERS SHALL BE PREQUALIFIED BY THE PROJECT INSPECTOR. THE INSPECTOR SHALL OBSERVE THE TESTING OF THE FIRST 10 FASTENERS. 10% OF THE REMAINING PINS SHALL BE RANDOMLY TESTED. A TEST SHALL LOAD THE PIN IN TENSION TO 200 LBS IN SUCH A MANNER NOT TO RESIST THE SPALLING TENDENCY OF THE CONCRETE SURROUNDING THE PIN. SHOULD FAILURE OCCUR ON ANY PIN TESTED, ALL PINS MUST BE TESTED AND REJECTED PINS REPLACED.

TESTING REQUIREMENTS FOR ANCHORS

1. ALL DRILLED-IN EXPANSION OR ADHESIVE ANCHORS SHALL BE TESTED AS AS FOLLOWS:
   - A. SILL PLATES = 10%
   - B. STRUCTURAL USES, HOLDDOWNS, ETC. = 100%
   - C. NON-STRUCTURAL USES, EQUIPMENT ANCHORAGE = 50%

   TESTING SHALL CONSIST OF A TENSION OR TORQUE TEST.

   TESTING SHALL BE DONE BY THE TESTING LAB IN THE PRESENCE OF THE PROJECT INSPECTOR.
2. THE FOLLOWING VALUES SHALL BE USED FOR TESTING ANCHORS IN HARDROCK:

ANCHOR DIAMETER (in)	WEDGE TENSION (lbs)	ANCHORS TORQUE (ft-lbs)	SLEEVE TENSION (lbs)	ANCHORS TORQUE (ft-lbs)
1/4	800	10	400	4
5/16	-	-	400	5
3/8	1100	25	700	10
1/2	2000	50	900	20
5/8	2300	80	1100	45
3/4	3700	150	1400	90
1	5800	250	-	-

3. ADHESIVE ANCHORS SHALL BE TESTED FOR 100% OF THE ICBO DESIGN TENSION VALUE BASED ON THE ANCHOR EMBEDMENT DEPTH.
4. ANCHOR DIAMETER REFERS TO THE THREAD SIZE OF THE WEDGE CATEGORY AND TO THE ANCHOR OUTSIDE DIAMETER FOR THE SLEEVE CATEGORY.
5. APPLY PROOF TEST LOADS TO WEDGE AND SLEEVE ANCHORS WITHOUT REMOVING THE NUT, IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.
6. FOR SLEEVE ANCHORS VERIFY THAT THE ANCHOR IS NOT PREVENTED FROM WITHDRAWING BY A BASEPLATE OR OTHER FIXTURE. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE FIXTURE PRIOR TO TESTING.
7. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE.
8. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
9. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
   - A) HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE.
   - B) TORQUE WRENCH METHOD: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN ONE-HALF (1/2) TURN OF THE NUT TYPICAL, AND ONE-QUARTER (1/4) TURN OF THE NUT FOR 3/8 INCH SLEEVE ANCHORS ONLY.
10. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.

REINFORCING STEEL

1. ALL REINFORCING SHALL BE PLACED AND SUPPORTED IN CONFORMANCE WITH "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION" LATEST EDITION, PUBLISHED BY C.R.S.I.
2. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60, EXCEPT #4 AND SMALLER BARS MAY BE GRADE 40, UNLESS NOTED OTHERWISE.
3. ALL REINFORCING STEEL TO BE WELDED SHALL BE DEFORMED BARS CONFORMING TO ASTM A-706 GRADE 60.
4. TIE WIRE SHALL BE 16 GAGE, FULLY ANNEALED, CONFORMING TO ASTM A-82.
5. ALL REINFORCING STEEL SHALL HAVE THE FOLLOWING MINIMUM CONCRETE COVERAGE, UNLESS NOTED OTHERWISE:
   - A) CONCRETE PLACED AGAINST EARTH =3"
   - B) CONCRETE WITH FORMED SURFACES IN CONTACT WITH EARTH =2"
   - C) CONCRETE EXPOSED TO WEATHER =2"
6. CONTINUOUS REINFORCING STEEL MUST BE SPLICED WITH A MINIMUM LAP OF 36 BAR DIAMETERS IN CONCRETE AND 40 BAR DIAMETERS IN MASONRY, BUT NOT LESS THAN 24 INCHES, UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL

1. STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM WITH ASTM A-36 AND SHALL BE FABRICATED IN ACCORDANCE WITH THE LATEST A.I.S.C. "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
2. PIPE COLUMNS SHALL CONFORM WITH ASTM A-53 TYPE E OR S, GRADE B, OR ASTM A 501.
3. BOLTS SHALL CONFORM TO ASTM A307.
4. SHOP DRAWINGS FOR STRUCTURAL AND MISC. STEEL SHALL BE SUBMITTED TO STRUCTURAL ENG. FOR REVIEW PRIOR TO FABRICATION.
5. ALL FABRICATION SHALL BE PERFORMED IN THE SHOP OF A FABRICATOR APPROVED BY THE BUILDING DEPARTMENT.
6. ALL WELDING SHALL CONFORM TO A.W.S. A5.1 AND A.W.S. D1.1 OF THE STRUCTURAL WELDING CODE.
7. ALL WELDING SHALL BE DONE BY WELDERS CERTIFIED FOR THE TYPE OF OPERATION INVOLVED. SHOP WELDING SHALL BE DONE IN A DSA APPROVED FABRICATION SHOP.
8. E-70XX LOW HYDROGEN ELECTRODES SHALL BE USED.
9. SPECIAL INSPECTION IS REQUIRED FOR ALL WELDING BY AWS-CWI WELDING INSPECTOR APPROVED BY DSA.
10. ALL STEEL AND ITS CONNECTIONS EXPOSED TO WEATHER SHALL BE GALVANIZED.

GROUT AND ADHESIVE PRODUCTS

1. HILTI HIT HY-150 ADHESIVE ANCHOR SYSTEM SHALL BE USED WHERE "ADHESIVE" IS SPECIFIED IN CONCRETE.
2. ALL PERTINENT RECOMMENDATIONS BY HILTI CORP. FOR THE USE OF THE HILTI HIT HY-150 ADHESIVE ANCHOR SYSTEM SHALL BE COMPLIED WITH.
3. THE HILTI HIT HY-150 ADHESIVE ANCHOR SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ICBO RESEARCH REPORT ER-5193 AND 4016.
4. CONTINUOUS INSPECTION BY A REGISTERED DEPUTY INSPECTOR IS REQUIRED FOR ALL ADHESIVE ANCHOR INSTALLATIONS.
5. SIKA GROUT 212 NON-SHRINK CEMENTITIOUS GROUT SHALL BE USED WHERE "GROUT" IS SPECIFIED ON DRAWINGS. ALL PERTINENT RECOMMENDATIONS BY SIKA CORP. FOR THE USE OF SIKAGROUT 212 SHALL BE COMPLIED WITH.

MASONRY

1. REINFORCED MASONRY SHALL CONSIST OF MATERIALS AND CONSTRUCTION AS DEFINED IN STATE CHAPTER 21.
2. BRICK SHALL CONFORM TO UBC STANDARD 21-1, GRADE MW. (2,500 PSI GROSS).
3. ALL MASONRY SHALL HAVE A RUNNING BOND PATTERN, EXCEPT EXPOSED BRICK SHALL MATCH EXISTING BOND PATTERN.
4. AGGREGATE SHALL CONFORM TO UBC STANDARD 21-15 FOR MORTAR AND 21-9 FOR GROUT.
5. MORTAR SHALL BE ONE PART CEMENT, 1/4 PART HYDRATED LIME AND 3-1/2 PARTS SAND, WITH A MINIMUM STRENGTH OF 1500 PSI.
6. FINE GROUT SHALL HAVE A MINIMUM STRENGTH OF 2000 PSI AT 28 DAYS WITH ONE PART CEMENT, AND 3 PARTS SAND. COARSE GROUT SHALL BE THE SAME AS FINE GROUT, EXCEPT ADD 2 PARTS PEA GRAVEL. USE SIKA CHEMICAL CORPORATION "GROUT AID TYPE II" FOR LOW-LIFT GROUT.
7. ALL MASONRY WALLS SHALL BE GROUTED SOLID.
8. USE 1 UNIT MAX LIFTS PER 2104.6.2 FOR BRICK WALLS.
9. PROVIDE RODDING FOR LO-LIFT GROUT.
10. CONTINUOUS INSPECTION BY AN INSPECTOR APPROVED BY D.S.A. IS REQ'D.
11. USE FULL LENGTH REINFORCING BARS WITHOUT SPLICES, UNLESS NOTED OTHERWISE.
12. ALL BOLTS WHICH ARE EMBEDDED IN MASONRY SHALL BE GROUTED IN PLACE WITH NOT LESS THAN 1" OF GROUT BETWEEN THE BOLT AND THE MASONRY UNIT.

STEEL STUDS

1. STEEL STUDS SHALL BE "C" FLANGE TYPE, CONFORMING TO ASTM A570, GRADE C, MIN. YIELD = 33.0 KSI.
2. REFER TO ARCHITECTURAL DRAWINGS FOR STUDS AND DETAILS NOT SHOWN.
3. 4" STUDS SHALL BE "CEE" STUDS, 18GA. WITH Imin. =0.93 IN4 AND Smin. = 0.45 IN3.

GENERAL NOTES

BID SET

DRAWING NAME: 9716350.1.DWG

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

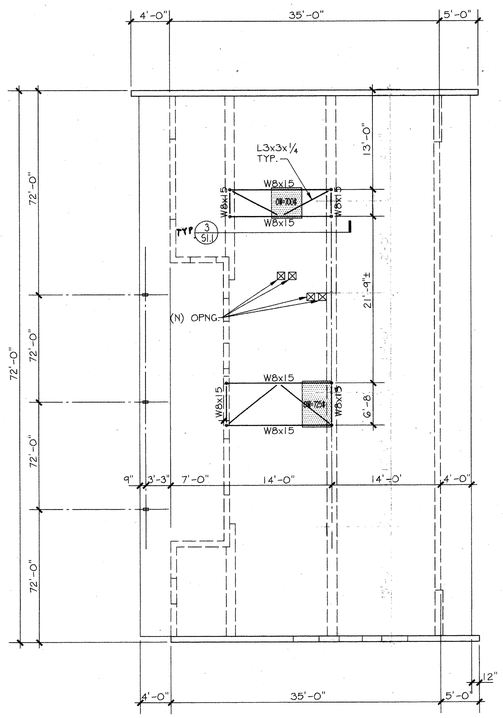
SHEET TITLE:

TYPICAL DETAILS AND GENERAL NOTES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
FLS
DATE APR 09 1998

SCALE: AS SHOWN
DATE: 02/20/98
JOB NO: 9748.03
DRAWN BY: JMO
CHECKED BY: RG

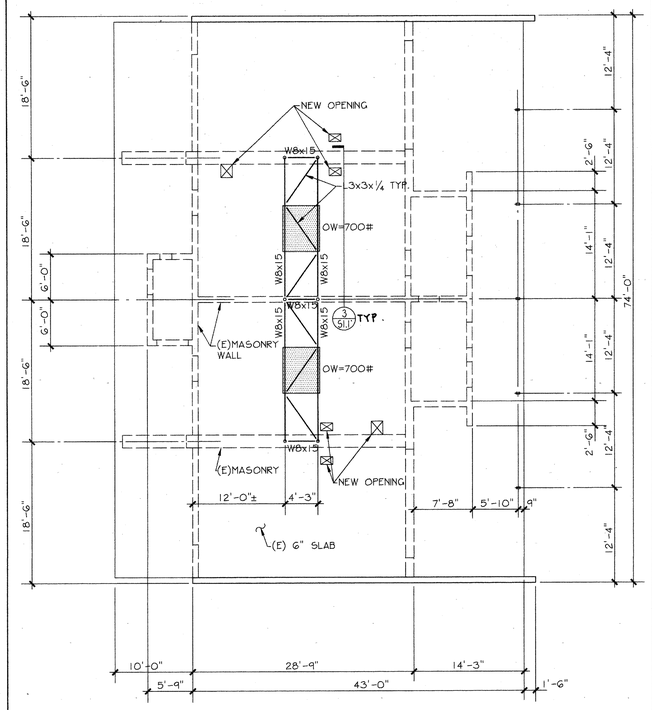
SHEET NO: S0.1 OF



SEE NOTES ON SO.1

N

ADMINISTRATION BLDG. - A | 1/8" = 1'-0" | 1



SEE NOTES ON SO.1

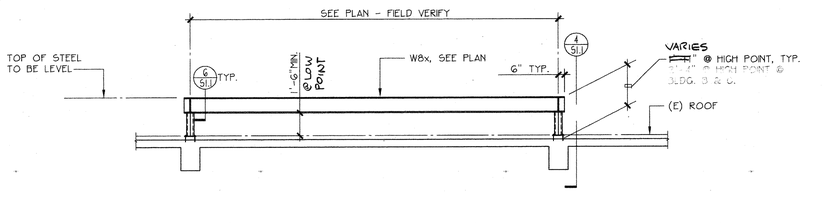
N

KINDERGARTEN BLDG. - E | 1/8" = 1'-0" | 2

SECTION | 10

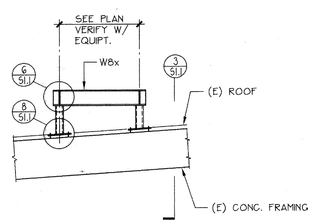
SECTION | 11

SECTION | 12



NOTE: 1. CONTRACTOR SHALL FIELD VERIFY EXACT SLOPE AND LOCATION OF EXISTING ROOF FRAMING.

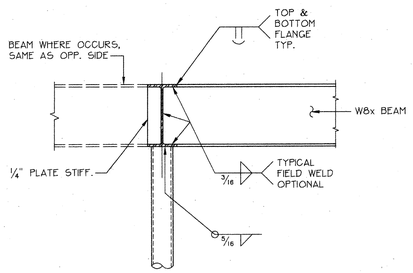
SECTION | 3



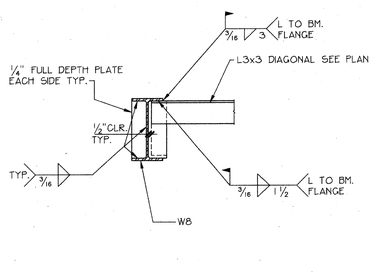
SECTION | 4

DETAIL | 5

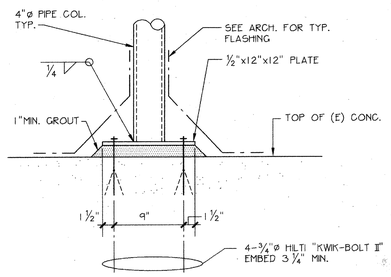
SECTION | 13



DETAIL | 6



DETAIL | 7



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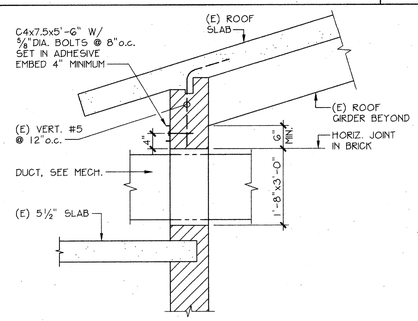

SECTION | 9

SECTION | 14

BID SET

DRAWING NAME: 971631.1.DWG

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REGISTERED ARCHITECT EDWARD KO OSBORN No. C 20877 Exp. 4/3/99 STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

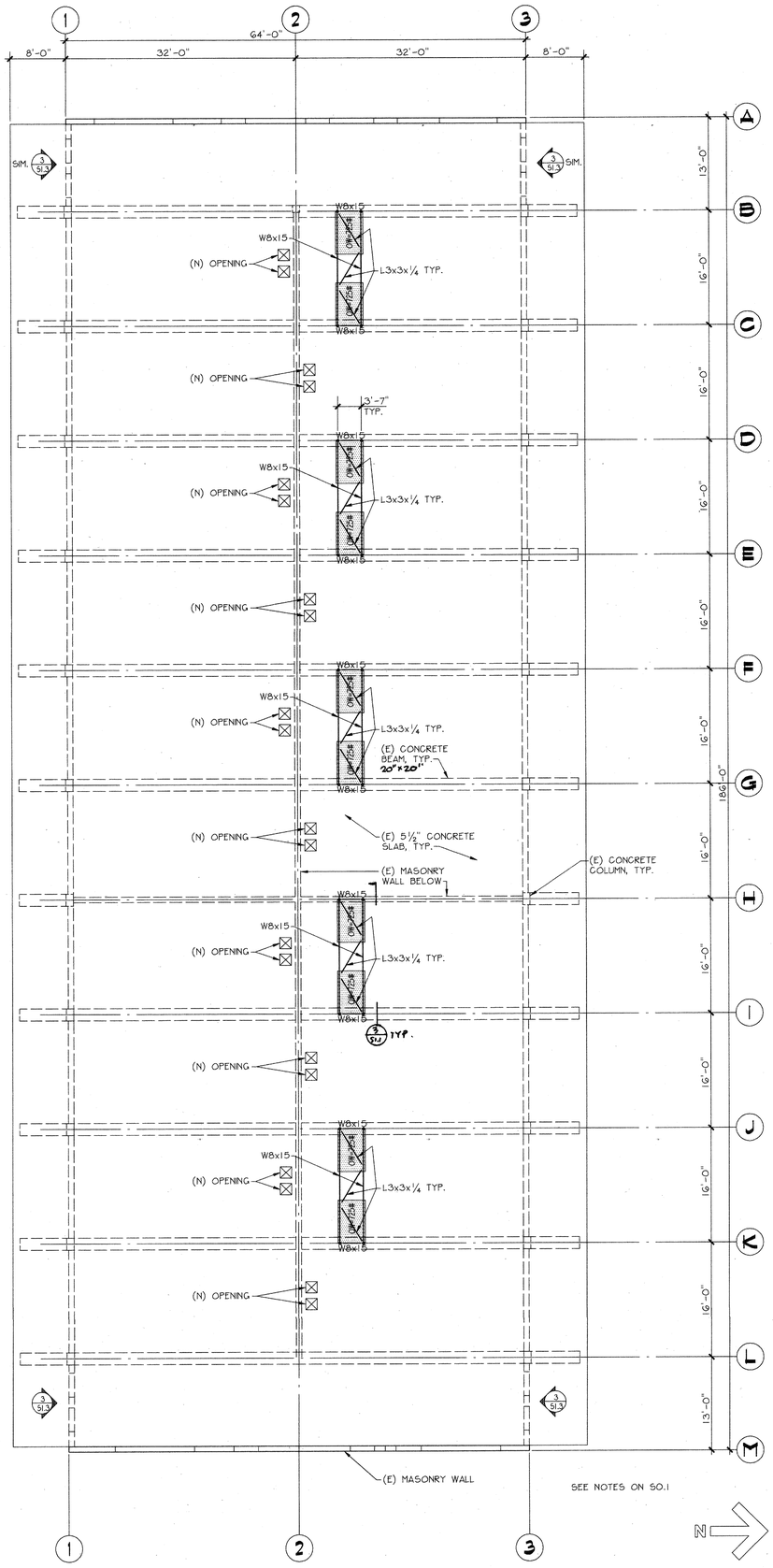
SHEET TITLE:

ADMINISTRATION BUILDING - A
KINDERGARTEN BUILDING - E

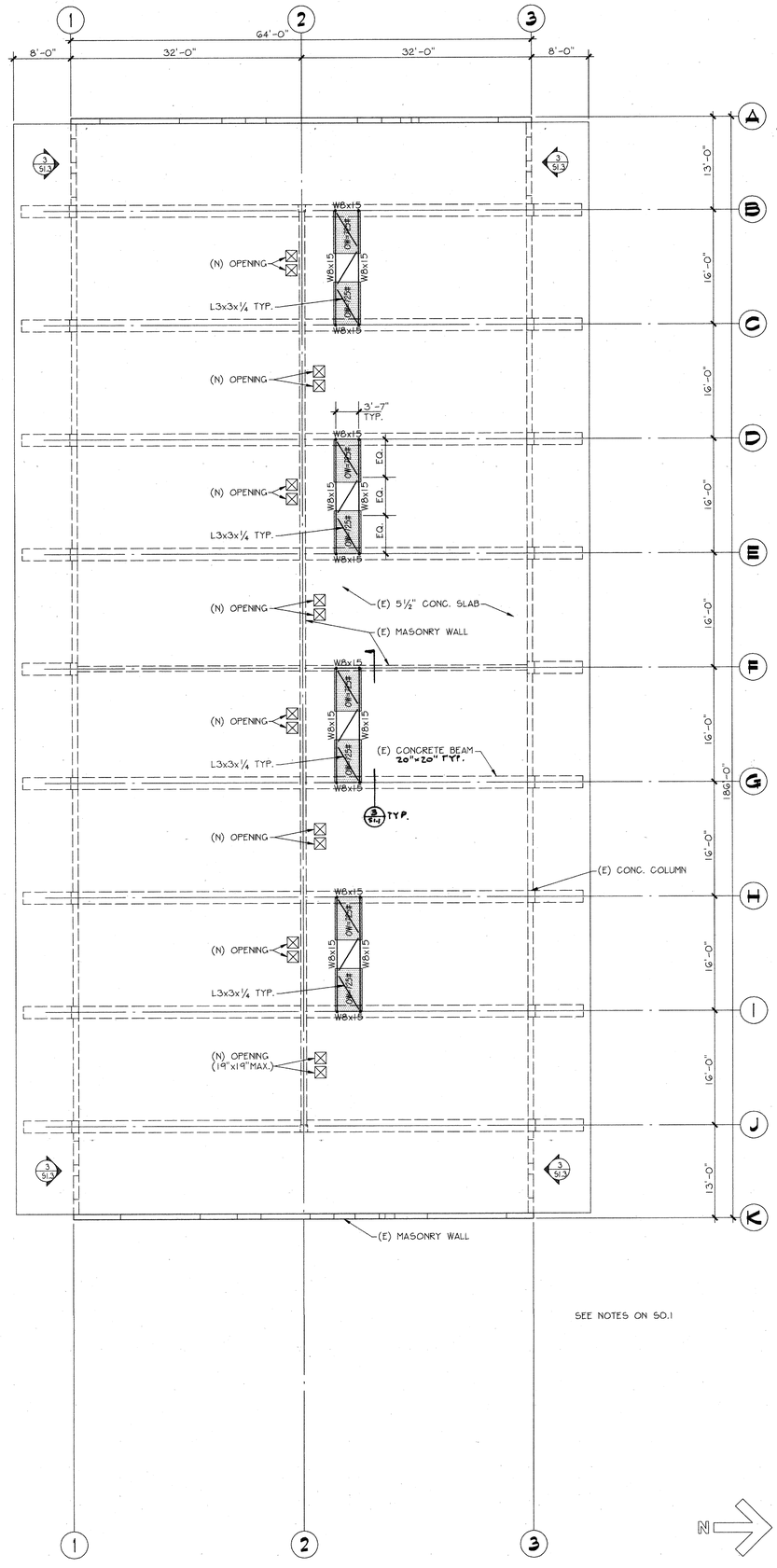
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AS FLS BS S
DATE APR 0 9 1998

SCALE: AS SHOWN
DATE: 02/20/98
JOB NO: 9748.03
DRAWN BY: JMO
CHECKED BY: RG

SHEET NO:
S-1.1
OF



CLASSROOM BLDG.-B | ⅛" = 1'-0" | 1



CLASSROOM BLDG.-C | ⅛" = 1'-0" | 2

BID SET

DRAWING NAME: 971631.2.DWG

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
4400 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:

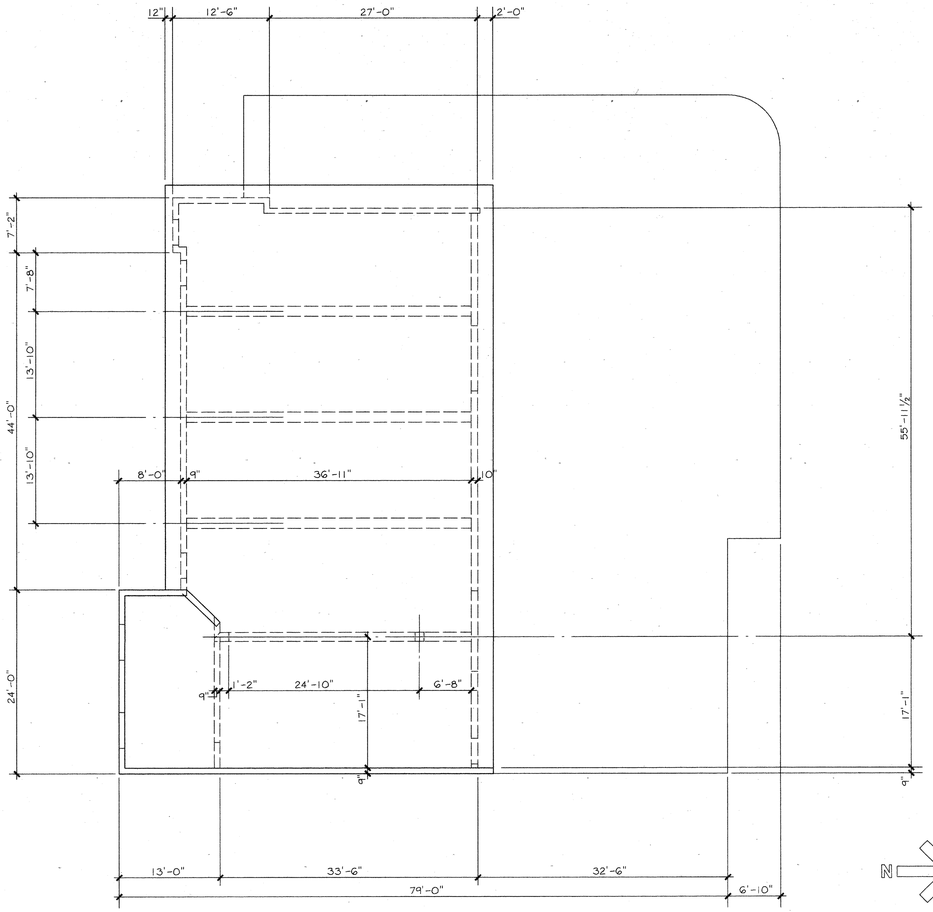
SHEET TITLE:

CLASSROOM BUILDING- B
CLASSROOM BUILDING - C

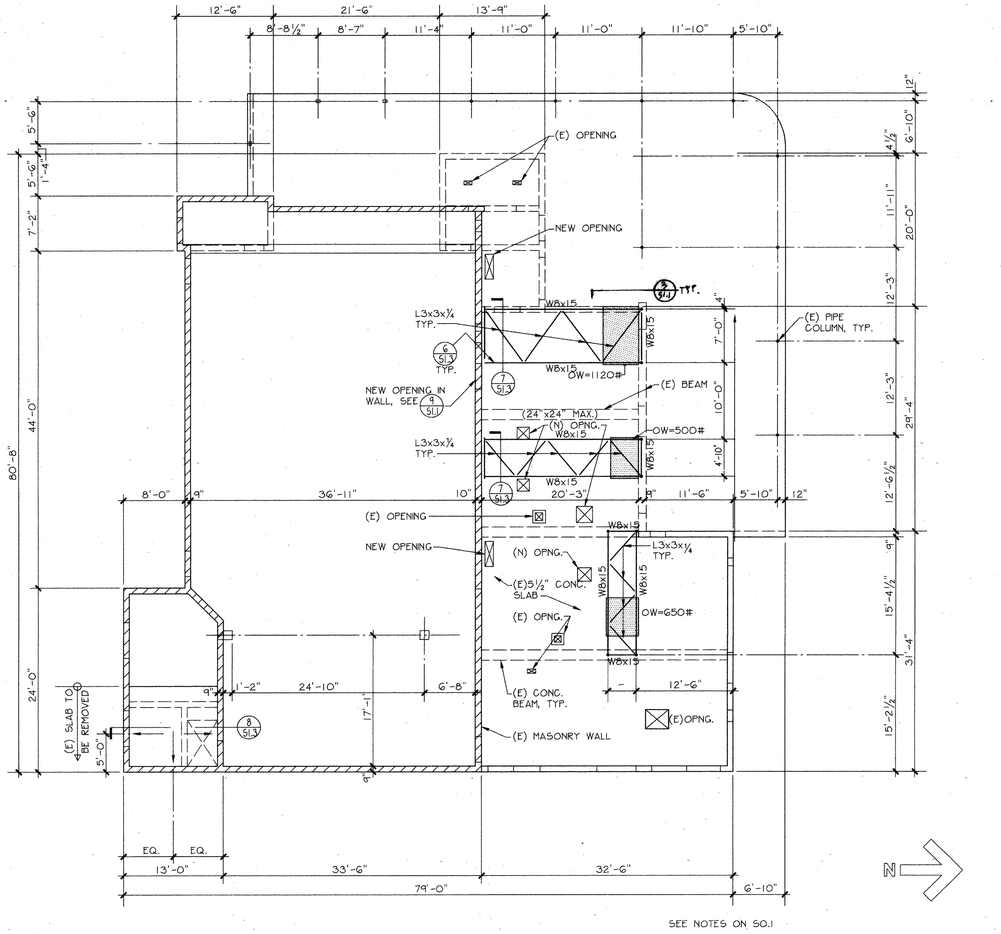
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
FILE
DATE APR 0 9 1998

SCALE: AS SHOWN
DATE:
JOB NO: 9748.03
DRAWN BY: JMO
CHECKED BY: RG

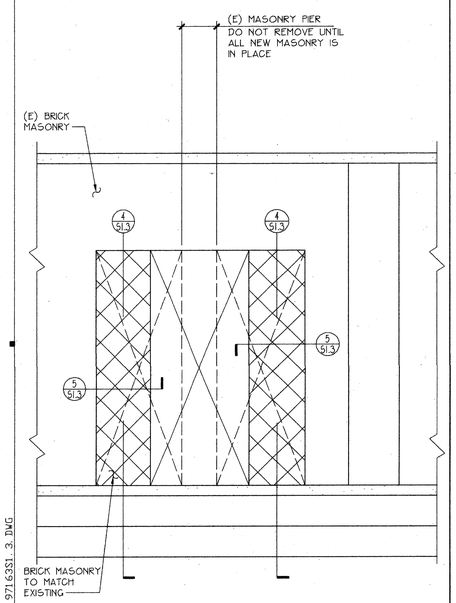
SHEET NO:
S-1.2
OF



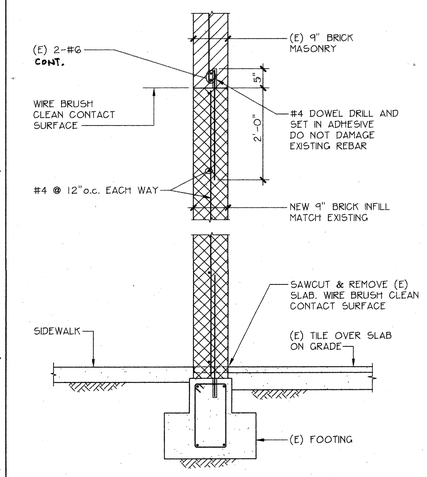
HIGH ROOF FRAMING PLAN | ⅛" = 1'-0" | 1



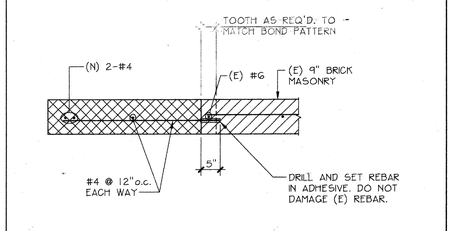
LOW ROOF FRAMING PLAN | ⅛" = 1'-0" | 2



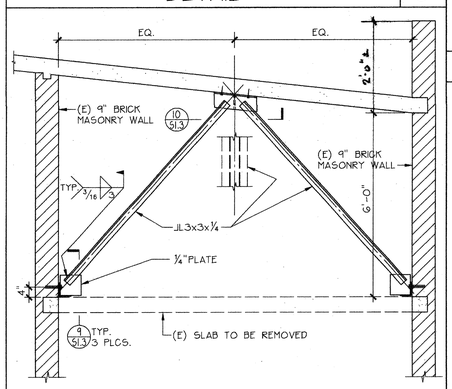
ELEVATION | 3



SECTION | 4



DETAIL | 5



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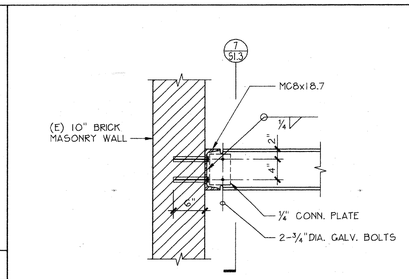

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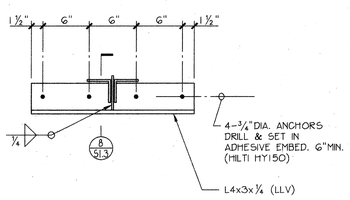
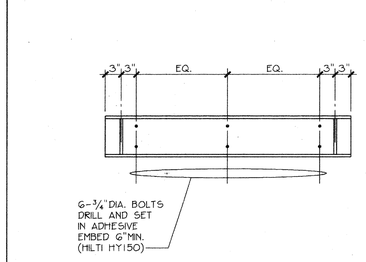


DETAIL | 9



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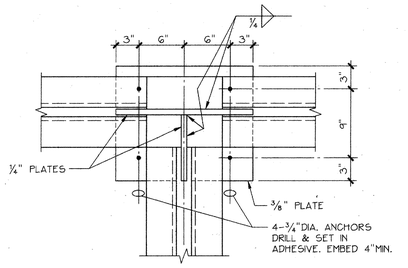

DETAIL | 10

BID SET

DRAWING NAME: 971633I. 3. DWG

OSBORN
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Specifications
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Los Angeles, CA 90039
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Fx: 213-665-1584
Bobby Knox AIA

PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

AS BUILT DRAWINGS

REVISION:
1.
2.
3.
4.
5.

SHEET TITLE:

MULTI-PURPOSED BUILDING- D

IDENTIFICATION STAMP
CITY OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
AC FLS
DATE APR 0 9 1998

SCALE: AS SHOWN
DATE: 02/20/98
JOB NO: 9748.03
DRAWN BY: JMO
CHECKED BY: RG

SHEET NO:
S-1.3
OF

GLENDALE UNIFIED SCHOOL DISTRICT

PROJECT 2
VALLEY VIEW
ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

PROJECT DATA

BUILDING A

OCCUPANCY:	B
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12 FT
ACTUAL FLOOR AREA:	3415.5 SF
(E) NO. OF STORIES:	1 STORY
ALLOWABLE FLOOR AREA:	8000 SF
ALLOWABLE BUILDING HEIGHT:	2 STORIES

BUILDING B

OCCUPANCY:	B1
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12 FT
ACTUAL FLOOR AREA:	13,245 SF
(E) NO. OF STORIES:	1 STORY
BASIC ALLOWABLE FLOOR AREA:	9100 SF
3 SIDE YARD AREA INCREASE (100% INCREASE - UBC 505.1.2)	9100 SF + 9100 SF= 18,200 SF
ADJUSTED ALLOWABLE FLOOR AREA:	18,200 SF
ALLOWABLE BUILDING HEIGHT:	40 FT
ALLOWABLE NO. OF STORIES:	1 STORY

BUILDING C

OCCUPANCY:	E-1
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12 FT
(E) ACTUAL FLOOR AREA:	11,149 SF
(E) NO. OF STORIES:	1 STORY
BASIC ALLOWABLE FLOOR AREA:	9100 SF
SIDE YARD SEPARATION ON ALL 4 SIDES (35% INCREASE - UBC 505.1.3)	9100 SF + 3185 SF = 12,285 SF
ADJUSTED ALLOWABLE FLOOR AREA:	12,285 SF
ALLOWABLE BUILDING HEIGHT:	40 FT
ALLOWABLE NO. OF STORIES:	1 STORY

BUILDING D

OCCUPANCY:	A-2.1
(E) TYPE OF CONSTRUCTION:	TYPE V 1-HR
(E) BUILDING HEIGHT:	20 FT
(E) ACTUAL FLOOR AREA:	5587 SF
(E) NO. OF STORIES:	1 STORY
ALLOWABLE FLOOR AREA:	5587 SF
ALLOWABLE BUILDING HEIGHT:	50 FT
ALLOWABLE NO. OF STORIES:	2 STORIES

BUILDING E

OCCUPANCY:	E-1
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12'-6"
(E) ACTUAL FLOOR AREA:	2934 SF
(E) NO. OF STORIES:	1 STORY
ALLOWABLE FLOOR AREA:	9100 SF
ALLOWABLE BUILDING HEIGHT:	40 FT
ALLOWABLE NO. OF STORIES:	1 STORY

ABBREVIATIONS

@	AT	N	NORTH
AB	ANCHOR BOLT	N/A	NOT APPLICABLE
ADJ	ADJACENT	NIC	NOT IN CONTRACT
AFF	ABOVE FINISH FLOOR	NOM	NOMINAL
AGG	AGGREGATE	NTS	NOT TO SCALE
ALT	ALTERNATE	NO	NUMBER
ALUM	ALUMINUM	OC	ON CENTER(S)
ANCH	ANCHOR, ANCHORAGE	OD	OUTSIDE DIAMETER
ANOD	ANODIZED	OPNG	OPENING
BD	BOARD	OPP	OPPOSITE
BFF	BELOW FINISH FLOOR	OS	OUTSIDE
BLDG	BUILDING	PREFAB	PREFABRICATED
BLK(G)	BLOCK(ING)	PJ	PANEL JOINT
BM	BENCH MARK	PL	PLASTER, PLATE, PROPERTY LINE
BO	BOTTOM OF	PLBG	PLUMBING
BOT	CHALK BOARD, CATCH BASIN	PLF	POUNDED PER LINEAL FOOT
C	CHANNEL	PNL	PANEL
C/C	CENTER TO CENTER	PR	PAIR
CB	BOTTOM	PSF	POUNDS PER SQUARE FOOT
CEM	CEMENT	PSI	POUNDS PER SQUARE INCH
CG	CORNER GUARD	PVC	POLYVINYL CHLORIDE
CI	CAST IRON	PVMT	PAVEMENT
CIP	CAST IN PLACE	PWD	PLYWOOD
CJ	CONTROL JOINT	QTR	QUARTER
CLR	CLEAR(ANCE)	QTY	QUANTITY
CMU	CONCRETE MASONRY UNIT	R	RADIUS, RISER, ROUND
CO	CLEAN OUT	RELO	RELOCATION
COL	COLUMN	REV	REVISION(S), REVISED
CONC	CONCRETE	RO	ROUGH OPENING
CONN	CONNECTION	REQ'D	REQUIRED
CONST	CONSTRUCTION	SCHED	SCHEDULE
CONT	CONTINUOUS OR CONTINUE	SECT	SECTION
CT	CERAMIC TILE	SF	SQUARE FEET
CW	COLD WATER	SHT	SHEET
D	DEPTH	SIM	SIMILAR
DEMO	DEMOLISH, DEMOLITION	SPECS	SPECIFICATIONS
DIA	DIAMETER	SQ	SQUARE
DIAG	DIAGONAL	ST	STREET
DIM	DIMENSION	STD	STANDARD
DISP	DISPENSER	STL	STEEL
DN	DOWN	STOR	STORAGE
DR	DOOR	STRUC	STRUCTURAL
DS	DOWN SPOUT	SUSP	SUSPENDED
DWG	DRAWING	SYM	SYMMETRY(ICAL)
EA	EACH	THK	THICKNESS
EJ	EXPANSION JOINT	TEMP	TEMPERATURE, TEMPORARY
ELEV	ELEVATION, ELEVATOR	THK	THICK(NESS)
EQ	EQUAL	TYP.	TYPICAL
EW	EACH WAY	UG	UNDERGROUND
EXIST	EXISTING	UL	UNDERWRITERS LABORATORY
EXT	EXTERIOR	UNF	UNFINISHED
FDN	FOUNDATION	UNO	UNLESS NOTED OTHERWISE
FF	FINISH FLOOR	W/	WITH
FIN	FINISH(ED)	W/O	WITHOUT
FLEX	FLEXIBLE	WWF	WELDED WIRE FABRIC
FT	FOOT, FEET	WWM	WIRE MESH
FTG	FOOTING	WP	WATERPROOFING
GA	GAUGE (GAUGE)	WT	WEIGHT
GALV	GALVANIZED	WWF	WELDED WIRE FABRIC
GALV	GALVANIZED	WWM	WELDED WIRE FABRIC
GC	GENERAL CONTRACTOR(ING)	◇	DEMOLITION KEY NOTE
GD	GRADE	□	NEW ITEM KEY NOTE
HT)	HEIGHT	100.00	SPOT ELEVATION
HDWR	HARDWARE	(E)	DENOTES EXISTING
HM	HOLLOW METAL	(N)	DENOTES NEW
HORIZ	HORIZONTAL	&	AND
HR	HOUR	∠	ANGLE
ID	INSIDE DIAMETER	@	AT
		——·——	CENTERLINE
IN	INCH(ES)	[	CHANNEL
INCL	INCLUDING	#	NUMBER
		d	PENNY
JT	JOINT	/FT.	PER FOOT (INCH) ETC.
L	LENGTH, LONG	P.L.	PROPERTY LINE
LF	LINEAL FEET	D	ROUND
LL	LIVE LOAD		
MAX	MAXIMUM		
MATL	MATERIAL		
MECH	MECHANICAL		
MTL	METAL		
MIN	MINIMUM		
MISC	MISCELLANEOUS		

GENERAL NOTES

1. ALL TESTS SHALL BE PERFORMED BY A LABORATORY EMPLOYED BY THE SCHOOL DISTRICT (OWNER) IF AND WHEN REQUIRED.
2. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION FOR THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342 PART-1 TITLE 24, CCR.
3. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338 PART-1, TITLE 24, CCR.
4. ALL TESTS AND INSPECTIONS SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND U.B.C, 1985.
5. CONTRACTOR SHALL VISIT THE BUILDING SITE BEFORE BIDDING THIS PROJECT. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND SITE OBSERVATIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY IN WRITING BEFORE PROCEEDING WITH THE WORK.
6. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL NEW WORK. SHOP DRAWINGS SHALL BE OF A SCALE AT WHICH SPECIFIC COMPONENTS CAN BE IDENTIFIED.
7. CONSTRUCTION DOCUMENTS ARE DIAGRAMMATIC. DO NOT SCALE DIMENSIONS OFF THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS.
8. LOCATIONS OF STRUCTURES, UNDERGROUND PIPELINES AND UTILITIES WERE OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF ALL PIPELINES AND UTILITIES BEFORE COMMENCING DEMOLITION, EARTHWORK OR CONSTRUCTION WORK.
9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING PIPELINES AND UTILITIES THAT ARE TO REMAIN IN SERVICE. THE CONTRACTOR SHALL VERIFY WITH THE OWNER THAT THOSE PIPELINES AND UTILITIES, THAT ARE TO BE REMOVED, HAVE BEEN DISCONNECTED, SHUT DOWN OR ABANDONS PRIOR TO ATTEMPTING REMOVAL OR DEMOLITION IN A MANNER TO AVOID ANY DISRUPTION OF EXISTING FACILITIES.

   ALL DAMAGE DONE TO EXISTING CONSTRUCTION AS A RESULT OF DEMOLITION OR INSTALLATION SHALL BE COMPLETELY REPAIRED BY THE CONTRACTOR AT NO COST TO OWNER. REPAIRED WORK SHALL MATCH EXISTING CONSTRUCTION.
11. ALL SALVAGEABLE MATERIALS AND EQUIPMENT TO BE REMOVED SHALL REMAIN THE SOLE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL CONSULT WITH THE OWNER CONCERNING STORAGE AND/OR DISPOSAL OF SUCH EQUIPMENT. OWNER HAS FULL SALVAGE RIGHTS. ALL REMOVED MATERIALS OTHER THAN ITEMS TO BE SALVAGED, OR REUSED, SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE PROJECT SITE.

    CONTRACTOR SHALL SUBMIT CONSTRUCTION SCHEDULE TO OWNER FOR APPROVAL BEFORE START OF CONSTRUCTION.
10. PRODUCTS OF DEMOLITION/CONSTRUCTION SHALL BE STORED AND/OR INSTALLED IN A MANNER SUCH THAT NO MATERIALS ARE DAMAGED AND PUBLIC SAFETY IS MAINTAINED.

    THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SECURE THE AREA OF CONSTRUCTION AFTER EACH DAY OF WORK.

    THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON THE ARCHITECT'S DRAWINGS WITH THE WORK SHOWN ON THE STRUCTURAL DRAWINGS. ANY DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE ANY NEW WORK IS STARTED.
12. ANY EXCAVATION OR REMOVAL OF STRUCTURAL ELEMENTS REQUIRED TO EXECUTE THAT WORK SHALL BE TEMPORARILY SHORED. TEMPORARY SHORING SHALL BE ABLE TO RESTRAIN REQUIRED LOAD ALLOWING FOR A SUBSTANTIAL MARGIN OF SAFETY. PERMANENT CONSTRUCTION SHALL BE RESTRAINED PER STRUCTURAL DRAWINGS.
13. ALL WORK, INCLUDING REMOVAL OF EXISTING WORK AND INSTALLATION OF NEW WORK, SHALL BE DONE WITH A REASONABLE MINIMUM AMOUNT OF NOISE, DUST, TRAFFIC AND/OR OTHER FORMS OF DISTURBANCES IN ORDER THAT OTHER OCCUPIED AND OPERATING PORTIONS OF THE SCHOOL ENCOUNTER A MINIMUM OF DISRUPTION CAUSED BY THE WORK IN PROGRESS UNDER THIS CONTRACT. ROUTES OF INGRESS AND EGRESS FOR MATERIALS AND WORKMEN, AND LIMITS OF THE PROJECT AREA WILL BE DESIGNATED BY THE OWNER. THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES WITHIN SUCH LIMITS. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ADEQUATE DUST BARRIERS ACROSS CORRIDORS AND ELSEWHERE AS REQUIRED.
14. 15.
16. SHUT DOWN OF EXISTING AND OPERATING PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS OR PORTIONS THEREOF SHALL BE COORDINATED WITH THE OWNER.
18. IN THE EVENT OF A CONFLICT BETWEEN DRAWINGS AND SPECIFICATION SECTIONS OR BETWEEN THE SPECIFICATIONS AND ANY DRAWING, BID THE MORE EXPENSIVE OR MORE ELABORATE METHOD DESCRIBED OR SHOWN. SHOULD THE APPROVAL, DISTRICT IN ITS SOLE DISCRETION AFTER BID APPROVAL, DESIRE TO UTILIZE THE SIMPLER OR LESS ELABORATE METHOD, AN APPROPRIATE CREDIT WILL BE NEGOTIATED BETWEEN THE DISTRICT AND THE CONTRACTOR.
19. CONTRACTOR SHALL VERIFY ALL EXISTING AND NEW ELEVATIONS BEFORE PROCEEDING. ANY DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE ANY NEW WORK IS STARTED.
20. THE CONTRACTOR SHALL REMOVE ALL ASBESTOS FLOOR TILES, GLUED-ON CEILING TILES, GLUE, AS DIRECTED IN THE DRAWINGS AND THE ASBESTOS REPORT. THE ASBESTOS REPORT IS PROVIDED AS PART OF THE SPECIFICATIONS AND WILL BE THE RESPONCIBILITY OF THE DISTRICT TO MONITOR THE REMOVAL AND DISPOSAL OF ALL ASBESTOS MATERIALS.
21. THE CONTRACTOR REPRESENTS AND WARRANTS FAULT-FREE PERFORMANCE OF PROCESSING OF DATE AND DATE RELATED DATA (INCLUDING, BUT NOT LIMINTED TO, CALCULATING, COMPARING, AND SEQUENCING) BY ALL HARDWARE, SOFTWARE, AND FIRMWARE PRODUCTS DELIVERED UNDER THIS CONTRACT, INDIVIDUALLY AND IN COMBINATION, UPON INSTALLATION. FAULT-FREE INCLUDES THE MANIPULATION OF THIS FOR PERTINENT DATES PRIOR TO, THROUGH, AND BEYOND JANUARY 1, 2000, AND SHALL BE TRANSPARENT TO THE USER.
22. CUTTING, BORING, SAWCUTTING, OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT WITH THE APPROVAL OF DSA REPRESENTATIVE.

APPL. CODES

1995 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, CCR

1995 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.; (1994 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1995 CALIFORNIA AMENDEMENTS)

1995 CALIFORNIA ELECTRICAL CODE (CEC)- PART 3, TITLE 24, C.C.R.; (1993 NATIONAL ELECTRICAL CODE AND 1996 CALIFORNIA AMENDEMENTS)

1995 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.; (1994 UNIFORM MECHANICAL CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.; (1994 UNIFORM PLUMBING CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.; (1994 UNIFORM FIRE CODE AND 1995 CALIFORNIA AMENDEMENTS)
ARTICLE 87, FOR DEMOLITION, ALTERATION, AND CONSTRUCTION

1995 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.

1990 TITLE 19, C.C.R., PUBLIC SAFETY,S TATE FIRE MARSHALL REGULATIONS

NOTE:
GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH LOCAL ORDINANCE

SCOPE OF WORK

PROVIDE LABOR AND MATERIAL TO COMPLETE THE ASBESTOS REMOVAL OF FLOOR TILES, GLUED-ON ACCOUSTICAL TILES IN THE TOILET ROOMS, AND ASBESTOS TILES CONTAINING GLUE ON THE CEILINGS OF THE TOILET ROOMS. PROVIDE ALL HAZARDOUS WASTE AND DISPOSAL CERTIFICATES. REMOVE ALL GLAZING AND GLASS STOPS AND LOUVER WINDOW OPERATING DEVICES AND INSTALL NEW GLAZING, GLASS STOPS AND OPERABLE VENTS AS INDICATED ON THE DRAWINGS. THE GLASS REPLACEMENT WILL BE AN ADDITIVE ALTERNATIVE.

IT IS THE INTENTION OF THESE CONTRACT DOCUMENTS THAT ALL WORK SCOPE INTRODUCED SHALL BE COMPLETED AND THE SYSTEMS FULLY OPERATIONAL PER THE SCHEDULE CITED. ALL WORK ACTIVITIES UNDERTAKEN PER THE INSTRUCTIONS OF THESE DOCUMENTS SHALL BE CARRIED TO COMPLETION. THE CONTRACTOR SHALL BE OBLIGATED TO PROVIDE A COMPLETE FINISHED PRODUCT. ANY AND ALL DISCREPANCIES IN THE DOCUMENTS THAT CAUSE CONFUSION AS TO THE DEFINITION OR EXTENT OF THE WORK SCOPE SHALL BE RAISED FOR CLARIFICATION DURING THE BID PERIOD.

IT IS IMPERATIVE THAT THE CONTRACTOR SPEND ADEQUATE SITE INVESTIGATIVE TIME DURING THE BID PERIOD TO BE FULLY CONVERSANT WITH THE EXISTING CONDITIONS THAT PREVAIL IN EACH BUILDING, AND WITH THE ENTIRE RANGE OF BUILDING SYSTEMS AND COMPONENTS INCLUDED IN THE RENOVATION WORK SCOPE. ANY REQUESTS FOR ADDITIONAL COMPENSATION EMANATING FROM LACK OF KNOWLEDGE OF THE EXISTING CONDITION OF EACH BUILDING WILL NOT BE CONSIDERED.

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A-2 BUILDINGS C, D, E DEMOLITION & RENOVATION FLOOR PLANS
A-3 BUILDINGS A, B, C RENOVATION SECTIONS
A-4 BUILDINGS D, E SECTIONS
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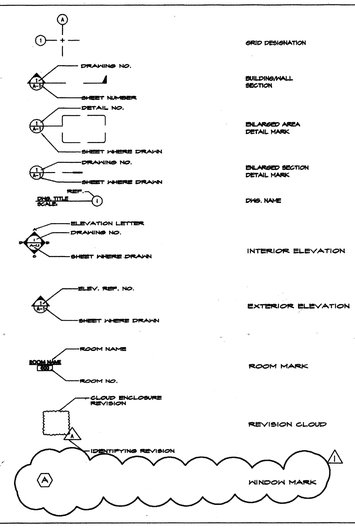
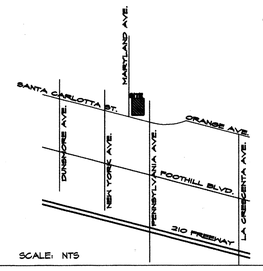
E-5 BUILDING D DEMOLITION, LIGHTING, POWER AND SIGNAL
E-6 BUILDING E DEMOLITION, LIGHTING, POWER AND SIGNAL

SYMBOLS

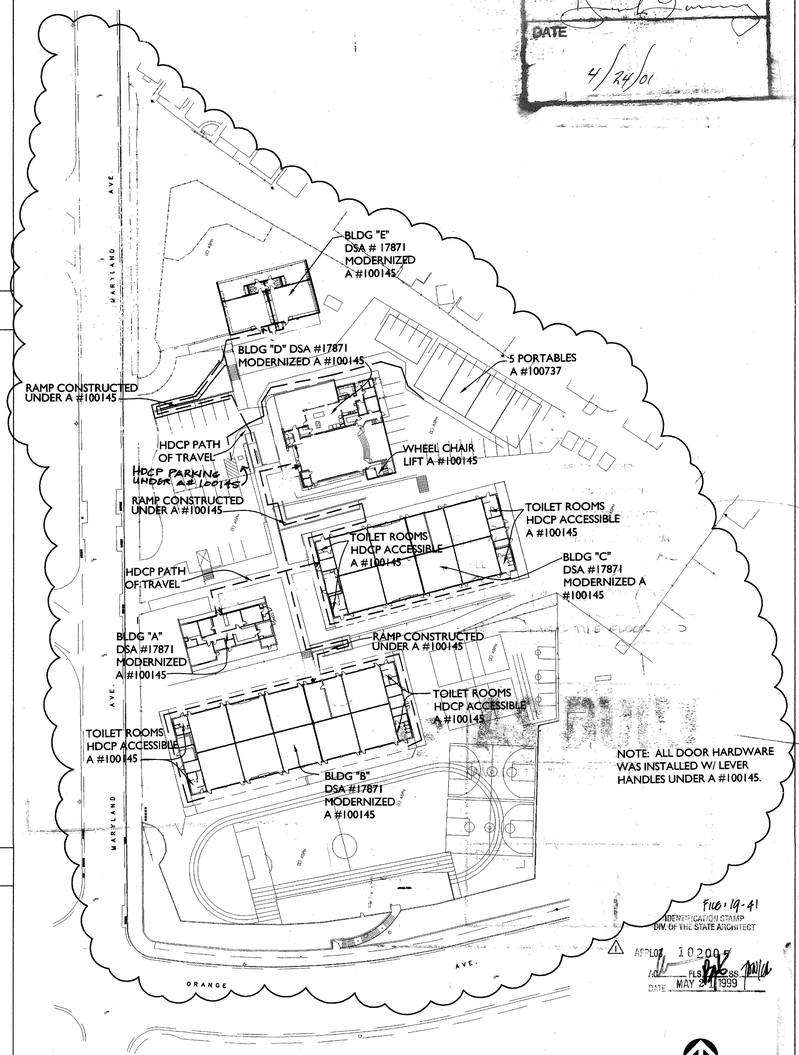


VICINITY MAP



SCALE: NTS

NORTH



AS BUILT
AMELCO CONSTRUCTION
DATE 4/24/01

FILE: 19-41
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPROVED 10 2000
FLS
DATE MAY 24 1999

NORTH

SITE PLAN
SCALE: NTS
1

OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD V. OSBORN No. C-20877 Exp 4-30-2001 STATE OF CALIFORNIA

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Bob Grossman, SE

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Bobby Knox AIA

PROJECT TITLE:

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PROJECT 2

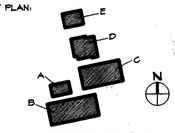
VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
1 PLAN CHECK CORRECTIONS 05.21.99
2
3
4
5

SHEET TITLE:

VALLEY VIEW ELEMENTARY SCHOOL SITE PLAN

KEY PLAN:



SCALE: 1" = 50'
DATE: - 05.10.99
JOB NO: - 9905.04
DRAWN BY: JP
CHECKED BY: RM

SHEET NO:
T-1
1 OF 16

GLENDALE UNIFIED SCHOOL DISTRICT

MODERNIZATION PROGRAM - PHASE I

AT

VALLEY VIEW ELEMENTARY SCHOOL

4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

ABBREVIATIONS

@	AT	N	NORTH
A/C	AIR CONDITIONING	N/A	NOT APPLICABLE
AB	ANCHOR BOLT	N/C	NOT IN CONTRACT
AC	ACOUSTICAL CEILING	NOM	NOMINAL
ADJ	ADJACENT	NRC	NOISE REDUCTION COEFFICIENTS
AFF	ABOVE FINISH FLOOR	NTS	NOT TO SCALE
AGG	AGGREGATE	NO	NUMBER
ALT	ALTERNATE	OC	ON CENTER(S)
ALUM	ALUMINUM	OD	OUTSIDE DIAMETER
ANCH	ANCHOR, ANCHORAGE	OFF	OFFICE
ANOD	ANODIZED	OPG	OPENING
		OPP	OPPOSITE
BD	BOARD	ORD	OVERFLOW ROOF DRAIN
BFF	BELOW FINISH FLOOR	OS	OUTSIDE
BLDG	BUILDING		
BLK(G)	BLOCK(ING)	PART	PARTITION
BM	BENCH MARK	PBP	PARTICLE BOARD
BO	BOTTOM OF	PCF	POUNDS PER CUBIC FOOT
BOT	BOTTOM	PERIM	PERIMETER
BSMT	BASEMENT	PREFAB	PREFABRICATED
		PJ	PANEL JOINT
C	CHANNEL	PL	PLASTER, PLATE, PROPERTY LINE
C/C	CENTER TO CENTER	PLBG	PLUMBING
CAB	CABINET	PLAM	PLASTIC LAMINATE
CB	CHALK BOARD, CATCH BASIN	PLF	POUNDS PER LINEAL FOOT
CEM	CEMENT	PNL	PANEL
CG	CORNER GUARD	PR	PAIR
CI	CAST IRON	PSF	POUNDS PER SQUARE FOOT
CIP	CAST IN PLACE	PSI	POUNDS PER SQUARE INCH
CJ	CONTROL JOINT	PVC	POLYVINYL CHLORIDE
CLG	CEILING	PVMT	PAVEMENT
CLR	CLEAR(ANCE)	PWD	PLYWOOD
CMU	CONCRETE MASONRY UNIT		
CO	CLEAN OUT	QTR	QUARTER
COL	COLUMN	QTY	QUANTITY
CONC	CONCRETE		
CONN	CONNECTION	R	RADIUS, RISER, ROUND
CONST	CONSTRUCTION	RA	RETURN AIR
CONT	CONTINUOUS OR CONTINUE	RD	ROOF DRAIN
CORR	CORRIDOR, CORRUGATED	REILO	RELOCATION
CT	CERAMIC TILE	REV	REVISION(S), REVISED
CU FT	CUBIC FEET	RM	ROOM
CW	COLD WATER	RO	ROUGH OPENING
		ROW	RIGHT OF WAY
D	DEPTH	REQ'D	REQUIRED
DEMO	DEMOLISH, DEMOLITION	RWL	RAINWATER LEADER
DF	DRINKING FOUNTAIN	SC	SOLID CORE
DIA	DIAMETER	SCHED	SCHEDULE
DIAG	DIAGONAL	SECT	SECTION
DIM	DIMENSION	SD	STORM DRAIN
DISP	DISPENSER	SF	SQUARE FEET
DN	DOWN	SHT	SHEET
DO	DITTO	SHWR	SHOWER
DR	DOOR	SIM	SIMILAR
DS	DOWN SPOUT	SPEC'S	SPECIFICATIONS
DWG	DRAWING	SPKR	SPEAKER
EA	EACH	SQ	SQUARE
EDFP	ELECTRIC DRINKING FOUNTAIN	ST	STREET
EJ	EXPANSION JOINT	STC	SOUND TRANSMISSION COEFFICIENT
ELEC	ELECTRICAL	STD	STANDARD
ELEV	ELEVATION, ELEVATOR	STL	STEEL
EMER	EMERGENCY	STOR	STORAGE
EQ	EQUAL	STRUC	STRUCTURAL
EQUIP	EQUIPMENT	SUSP	SUSPENDED
EST	ESTIMATE	SW	SWITCH
EW	EACH WAY	SYM	SYMMETRY(ICAL)
EWC	ELECTRICAL WATER COOLER		
EXIST	EXISTING	THK	THICKNESS
EXT	EXTERIOR	TD	TRENCH DRAIN
		TB	TACK BOARD
F	FAHRENHEIT	TEL	TELEPHONE
FAB	FABRICATE	TEMP	TEMPERATURE, TEMPORARY
FDN	FOUNDATION	THK	THICKNESS)
FF	FINISH FLOOR	TO	TOP OF
FIN	FINISH(ED)	TOC	TOP OF CONCRETE
		TOL	TOILET
FLEX	FLEXIBLE	TOS	TOP OF STEEL
FLUOR	FLUORESCENT	TOW	TOP OF WALL
FR	FIRE RETARDANT	TYP.	TYPICAL
FRP	FIBER REINFORCED PLASTIC	TV	TELEVISION
FT	FOOT, FEET		
FTG	FOOTING	U	URINAL
		UG	UNDERGROUND
GA	GAGE (GAUGE)	UL	UNDERWRITERS LABORATORY
GALV	GALVANIZED	UNF	UNFINISHED
GC	GENERAL CONTRACTOR)	UNO	UNLESS NOTED OTHERWISE
GD	GRADE	VCT	VINYL COMPOSITION TILE
G.B.	GYPSUM WALLBOARD	VNR	VENEER
		VWC	VINYL WALL COVERING
H(T)	HEIGHT	W	WITH
HB	HOSE BIBB	W/O	WITHOUT
HC	HOLLOW CORE	WC	WATER CLOSET
HDWD	HARDWOOD	WD	WOOD
HDWR	HARDWARE	WH	WALL HUNG, WATER HEATER
HM	HOLLOW METAL	WM	WIRE MESH
HORZ	HORIZONTAL	WP	WATERPROOFING
HR	HOUR	WSCT	WAINSCOT
HVAC	HEATING/VENTILATING/ AIR CONDITIONING	WT	WEIGHT
		WWF	WELDED WIRE FABRIC
HW	HOT WATER	◇	DEMOLITION KEY NOTE
		□	NEW ITEM KEY NOTE
ID	INSIDE DIAMETER		
IE	INVERT ELEVATION	100.00	SPOT ELEVATION
IN	INCH(ES)	(E)	DENOTES EXISTING
INCL	INCLUDING	(N)	DENOTES NEW
INSUL	INSULATION	&	AND
INT	INTERIOR	∠	ANGLE
		@	AT
JST	JOIST	—·—·—	CENTERLINE
JT	JOINT	[	CHANNEL
KP	KICK PLATE	#	NUMBER
		¢	PENNY
L	LENGTH, LONG	#FT.	PER FOOT (INCH) ETC.
LAB	LABORATORY	℄	PROPERTY LINE
LAM	LAMINATE	Ø	ROUND
LAV	LAVATORY		
LF	LINEAL FEET		
LL	LIVE LOAD		
MAX	MAXIMUM		
MATL	MATERIAL		
MECH	MECHANICAL		
MET.MTL	METAL		
MEZZ	MEZZANINE		
MH	MANHOLE		
MIN	MINIMUM		
MISC	MISCELLANEOUS		
MO	MASONRY OPENING		
MOD	MODULAR		
MOV	MOVABLE		

SCOPE OF WORK

PROVIDE LABOR AND MATERIALS TO COMPLETE THE MODERNIZATION OF BUILDINGS A, B, C, D AND E IN ACCORDANCE WITH THESE DRAWINGS AND THE PROJECT MANUAL (INCLUSIVE OF THE TECHNICAL SPECIFICATIONS). IT IS THE INTENTION OF THESE CONTRACT DOCUMENTS THAT ALL WORK SCOPE INTRODUCED SHALL BE COMPLETED AND THE SYSTEMS FULLY OPERATIONAL PER THE SCHEDULE CITED. ALL WORK ACTIVITIES UNDERTAKEN PER THE INSTRUCTIONS OF THESE DOCUMENTS SHALL BE CARRIED TO COMPLETION. THE CONTRACTOR SHALL BE OBLIGATED TO PROVIDE A COMPLETE FINISHED PRODUCT. ANY AND ALL DISCREPANCIES IN THE DOCUMENTS THAT CAUSE CONFUSION AS TO THE DEFINITION OR EXTENT OF THE WORK SCOPE SHALL BE RAISED FOR CLARIFICATION DURING THE BID PERIOD.

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ALL WORK SCOPE IS TO BE COMPLETED BY EARLY AUGUST SO THAT THE GLENDALE UNIFIED SCHOOL DISTRICT MAY TAKE BENEFICIAL OCCUPANCY AND HAVE AN EQUIPPED, OPERATIONAL SCHOOL BY SEPTEMBER 1, 1998.

DEMOLITION NOTES

THE DEMOLITION NOTES LISTED AND REFERENCED IN THE DRAWINGS REQUIRE THE REMOVAL OF A BUILDING ELEMENT OR SYSTEM, OR A COMPLETE COMPONENT COMPRISED OF MULTIPLE ELEMENTS. THE CONTRACTOR SHALL DISASSEMBLE AND REMOVE FROM THE SITE EACH ITEM IN ITS ENTIRETY, SO AS TO ACCOMMODATE THE INSTALLATION OF THE NEW CONSTRUCTION TO FOLLOW.

WHEN A NOTATION APPEARS MULTIPLE TIMES TO INDICATE THE REMOVAL OF A PARTICULAR BUILDING ELEMENT (I.E. WINDOWS) IN MANY LOCATIONS, THE CONTRACTOR SHALL UNDERSTAND THE OVERALL INTENT, AND QUESTION ANY SIMILAR LOCATION WHERE THE NOTATION MAY BE IDENTIFIED AS MISSING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION OF ALL ITEMS DETERMINED TO BE DEMOLISHED IN SIMILAR SITUATIONS.

CONDUITS, DUCTS, PIPES, AND BRACKETS LOCATED ON OR IN WALLS SCHEDULED FOR DEMOLITION SHALL BE REMOVED AS PART OF THE WORK SCOPE OF REMOVING THE WALL ASSEMBLY UNLESS SPECIFICALLY NOTED OTHERWISE. THE CONTRACTOR IS ADVISED TO MAKE SITE INSPECTIONS DURING THE BID PERIOD TO IDENTIFY THE EXTENT OF SUCH POTENTIAL CONDITIONS. THE DISCOVERY OF PIPES, CONDUITS, ETC. DURING THE CONSTRUCTION PERIOD WILL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION.

ALTHOUGH THE NOTES CAREFULLY LIST THE EXISTING BUILDING ELEMENTS TO BE DEMOLISHED, THE CONTRACTOR IS OBLIGATED WITHIN THIS WORK SCOPE TO REMOVE ANY OTHER EXISTING NON-STRUCTURAL MATERIALS FOUND TO BE IN THE WAY OF INSTALLING THE MATERIALS AND SYSTEMS INCORPORATED IN THE NEW RENOVATED BUILDING DESIGN.

MODERNIZ. NOTES

THE MODERNIZATION NOTES LISTED AND REFERENCED IN THE DRAWINGS SUPPLEMENT THE GRAPHIC MATERIALS IN EXPLAINING THE INTENDED WORK SCOPE. THE NOTES SERVE TO INTRODUCE THE PRIMARY WORK CONTENT BUT ARE INTENDED TO BE USED IN CONJUNCTION WITH ALL THE OTHER DRAWINGS AND SPECIFICATIONS TO PRESENT THE CONFIGURATION AND PERFORMANCE REQUIREMENTS OF EACH BUILDING ELEMENT. THE CONTRACTOR MUST REFER TO ALL THE DOCUMENTS THAT DIRECT WORK SCOPE IN ANY GIVEN AREA. ALTHOUGH SPECIFIC NOTES HAVE REFERENCES SUCH AS SEE STRUCT DWGS. OR SEE MECH DWGS, THE CONTRACTOR IS OBLIGATED TO REFERENCE ALL DRAWINGS SO AS TO CO-ORDINATE THE INSTALLATION OF ALL WORK.

WHEN A NOTATION APPEARS MULTIPLE TIMES TO INDICATE THE INSTALLATION OF A PARTICULAR BUILDING ELEMENT (I.E.- DOORS OR 1 HR. DUCT SHAFTS) IN MANY LOCATIONS, THE CONTRACTOR SHALL UNDERSTAND THE OVERALL INTENT, AND QUESTION ANY SIMILAR LOCATION WHERE THE NOTATION MAY BE IDENTIFIED AS MISSING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPREHENSIVE, COMPLETE INSTALLATION OF ALL SPECIFIED ITEMS IN SIMILAR SITUATIONS.

GENERAL NOTES

1. ALL TESTS SHALL BE PERFORMED BY A LABORATORY EMPLOYED BY THE SCHOOL DISTRICT (OWNER) IF AND WHEN REQUIRED.
2. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION FOR THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342 PART-1 TITLE 24, CCR.
3. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338 PART-1, TITLE 24, CCR.
4. ALL TESTS AND INSPECTIONS SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND C.B.C., 1995.
5. CONTRACTOR SHALL VISIT THE BUILDING SITE BEFORE BIDDING THIS PROJECT. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND SITE OBSERVATIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY IN WRITING BEFORE PROCEEDING WITH THE WORK.
6. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL NEW WORK. SHOP DRAWINGS SHALL BE OF A SCALE AT WHICH SPECIFIC COMPONENTS CAN BE IDENTIFIED.
7. CONSTRUCTION DOCUMENTS ARE DIAGRAMMATIC. DO NOT SCALE DIMENSIONS OFF THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS.
8. LOCATIONS OF STRUCTURES, UNDERGROUND PIPELINES AND UTILITIES WERE OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF ALL PIPELINES AND UTILITIES BEFORE COMMENCING DEMOLITION, EARTHWORK OR CONSTRUCTION WORK.
9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING PIPELINES AND UTILITIES THAT ARE TO REMAIN IN SERVICE. THE CONTRACTOR SHALL VERIFY WITH THE OWNER THAT THOSE PIPELINES AND UTILITIES, THAT ARE TO BE REMOVED, HAVE BEEN DISCONNECTED, SHUT DOWN OR ABANDONS PRIOR TO ATTEMPTING REMOVAL OR DEMOLITION IN A MANNER TO AVOID ANY DISRUPTION OF EXISTING FACILITIES.
10. ALL DAMAGE DONE TO EXISTING CONSTRUCTION AS A RESULT OF DEMOLITION OR INSTALLATION SHALL BE COMPLETELY REPAIRED BY THE CONTRACTOR AT NO COST TO OWNER. REPAIRED WORK SHALL MATCH EXISTING CONSTRUCTION.
11. ALL SALVAGEABLE MATERIALS AND EQUIPMENT TO BE REMOVED SHALL REMAIN THE SOLE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL CONSULT WITH THE OWNER CONCERNING STORAGE AND/OR DISPOSAL OF SUCH EQUIPMENT. OWNER HAS FULL SALVAGE RIGHTS. ALL REMOVED MATERIALS OTHER THAN ITEMS TO BE SALVAGED, OR REUSED SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE PROJECT SITE.
12. CONTRACTOR SHALL SUBMIT CONSTRUCTION SCHEDULE TO OWNER FOR APPROVAL BEFORE START OF CONSTRUCTION.
13. PRODUCTS OF DEMOLITION/CONSTRUCTION SHALL BE STORED AND/OR INSTALLED IN A MANNER SUCH THAT NO MATERIALS ARE DAMAGED AND PUBLIC SAFETY IS MAINTAINED.
14. THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SECURE THE AREA OF CONSTRUCTION AFTER EACH DAY OF WORK.
15. THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON THE ARCHITECT'S DRAWINGS WITH THE WORK SHOWN ON THE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. ANY DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE ANY NEW WORK IS STARTED.
16. ANY EXCAVATION OR REMOVAL OF STRUCTURAL ELEMENTS REQUIRED TO EXECUTE THAT WORK SHALL BE TEMPORARILY SHORED. TEMPORARY SHORING SHALL BE ABLE TO RESTRAIN REQUIRED LOAD ALLOWING FOR A SUBSTANTIAL MARGIN OF SAFETY. PERMANENT CONSTRUCTION SHALL BE RESTRAINED PER STRUCTURAL DRAWINGS.
17. ALL WORK, INCLUDING REMOVAL OF EXISTING WORK AND INSTALLATION OF NEW WORK, SHALL BE DONE WITH A REASONABLE MINIMUM AMOUNT OF NOISE, DUST, TRAFFIC AND/OR OTHER FORMS OF DISTURBANCES IN ORDER THAT OTHER OCCUPIED AND OPERATING PORTIONS OF THE SCHOOL ENCOUNTER A MINIMUM OF DISRUPTION CAUSED BY THE WORK IN PROGRESS UNDER THIS CONTRACT. ROUTES OF INGRESS AND EGRESS FOR MATERIALS AND WORKMEN, AND LIMITS OF THE PROJECT AREA WILL BE DESIGNATED BY THE OWNER. THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES WITHIN SUCH LIMITS. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ADEQUATE DUST BARRIERS ACROSS CORRIDORS AND ELSEWHERE AS REQUIRED.
18. SHUT DOWN OF EXISTING AND OPERATING PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS OR PORTIONS THEREOF SHALL BE COORDINATED WITH THE OWNER.

PROJECT DATA

BUILDING A

OCCUPANCY:	B
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12 FT
ACTUAL FLOOR AREA:	3415.5 SF
(E) NO. OF STORIES:	1 STORY
ALLOWABLE FLOOR AREA:	9000 SF
ALLOWABLE BUILDING HEIGHT:	2 STORIES

BUILDING B

OCCUPANCY:	EI
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12 FT
ACTUAL FLOOR AREA:	15,245 SF
(E) NO. OF STORIES:	1 STORY
BASIC ALLOWABLE FLOOR AREA:	9100 SF
3 SIDE YARD AREA INCREASE (100% INCREASE - UBC 505.1.2)	9100 SF + 9100 SF= 18,200 SF
ADJUSTED ALLOWABLE FLOOR AREA:	18,200 SF
ALLOWABLE BUILDING HEIGHT:	40 FT
ALLOWABLE NO. OF STORIES:	1 STORY

BUILDING C

OCCUPANCY:	E-1
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12 FT
(E) ACTUAL FLOOR AREA:	11,141 SF
(E) NO. OF STORIES:	1 STORY
BASIC ALLOWABLE FLOOR AREA: 4 SIDES	9100 SF
SIDE YARD SEPARATION ON ALL	9100 SF + 3185 SF = 12,285 SF
(35% INCREASE - UBC 505.1.3)	
ADJUSTED ALLOWABLE FLOOR AREA:	12,285 SF
ALLOWABLE BUILDING HEIGHT:	40 FT
ALLOWABLE NO. OF STORIES:	1 STORY

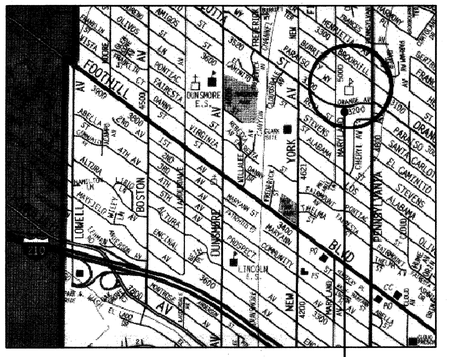
BUILDING D

OCCUPANCY:	A-2.1
(E) TYPE OF CONSTRUCTION:	TYPE V 1-HR
(E) BUILDING HEIGHT:	20 FT
(E) ACTUAL FLOOR AREA:	5587 SF
(E) NO. OF STORIES:	1 STORY
ALLOWABLE FLOOR AREA:	5587 SF
ALLOWABLE BUILDING HEIGHT:	30 FT
ALLOWABLE NO. OF STORIES:	2 STORIES

BUILDING E

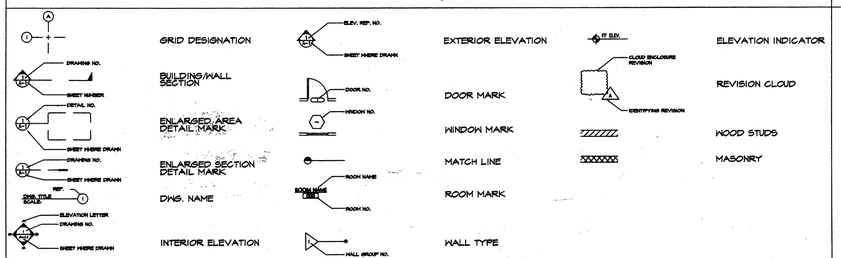
OCCUPANCY:	E-1
(E) TYPE OF CONSTRUCTION:	TYPE V NR
(E) BUILDING HEIGHT:	12'-6"
(E) ACTUAL FLOOR AREA:	2934 SF
(E) NO. OF STORIES:	1 STORY
ALLOWABLE FLOOR AREA:	9100 SF
ALLOWABLE BUILDING HEIGHT:	40 FT
ALLOWABLE NO. OF STORIES:	1 STORY

VICINITY MAP



NO SCALE

SYMBOLS



APPLICABLE CODES

1995 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, CCR

1995 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.; (1994 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1995 CALIFORNIA AMENDEMENTS)

1995 CALIFORNIA ELECTRICAL CODE (CEC)- PART 3, TITLE 24, C.C.R.; (1993 NATIONAL ELECTRICAL CODE AND 1996 CALIFORNIA AMENDEMENTS)

1995 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.; (1994 UNIFORM MECHANICAL CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.; (1994 UNIFORM PLUMBING CODE AND 1995 CALIFORNIA AMENDMENTS)

1995 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.; (1994 UNIFORM FIRE CODE AND 1995 CALIFORNIA AMENDEMENTS)
ARTICLE 87, FOR DEMOLITION, ALTERATION, AND CONSTRUCTION

1995 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.

1990 TITLE 19, C.C.R., PUBLIC SAFETY'S TATE FIRE MARSHALL REGULATIONS

NOTE:
GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH LOCAL ORDINANCE

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A1.2 ENLARGED RAMP PLANS & DETAILS
A1.3 DETAIL

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OSBORN ARCHITECTS

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 Exp 4/30/99 STATE OF CALIFORNIA

880 EAST BROADWAY GLENDALE CA 91205
TEL: 818-246-5112 FAX: 818-246-5561

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

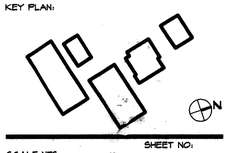
VALLEY VIEW ELEMENTARY SCHOOL
4900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

TITLE SHEET

KEY PLAN:



SHEET NO:
T-1

SCALE: NTS
DATE: 4-8-98
JOB NO: 9748.03
DRAWN BY: AH/ND
CHECKED BY: -
OF

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File: 19-41
03-A100457
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DATE APR 07 1998
FLS Bclark/B Heyman 4-2-98

BID SET

SITE PLAN
1"=20'-0" (1)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 100451
DATE APR 09 2018

BID SET

OSBORN
ARCHITECTS

REGISTERED ARCHITECT
EDWARD V. OSBORN
No. C 20877
Exp. 4/31/19
STATE OF CALIFORNIA

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Bobby Knox AIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMENTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:

SHEET TITLE:

SITE PLAN

KEY PLAN:

SCALE:
DATE: 04/09/18
JOB NO: 9808.04
DRAWN BY: A.H.
CHECKED BY: -

SHEET NO:
A1.1
OF

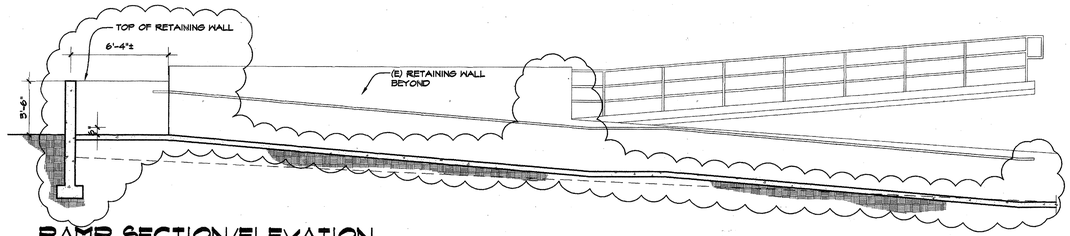
VVSTPLAN

GENERAL NOTE

FOR STEPPED FOOTING REQUIREMENTS SEE STRUCTURAL SHT S.01, DETAIL 8

CONTRACTOR WILL BE REQUIRED TO REMOVE NECESSARY VEGITATION TO CONSTRUCT RAMPS. THE IRRIGATION SYSTEM MUST BE CAPPED OFF AND REWORKED IN AREAS REMOVED OR DAMAGED DUE TO INSTALLTION OF RAMPS.

ALL HANDRAILS ARE TO BE ALUMINUM. PROVIDE REINFORCED SLEEVE AT EA. POST. (T=.125")



RAMP SECTION/ELEVATION

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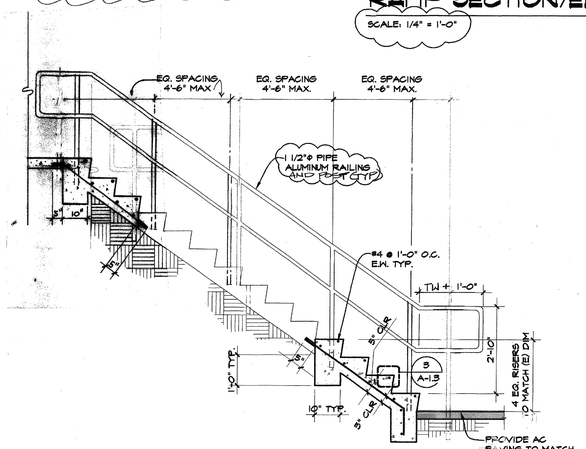

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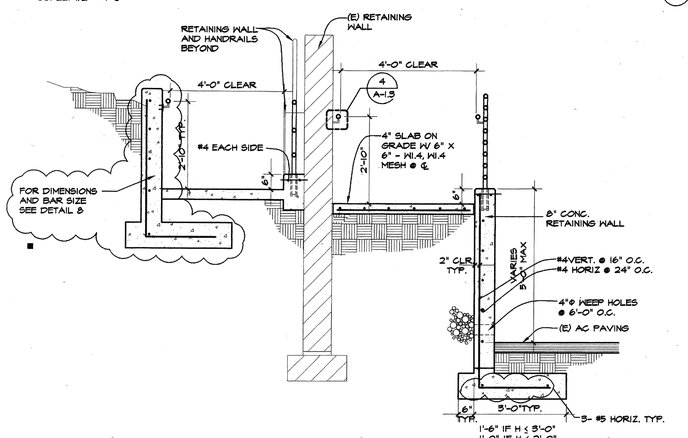
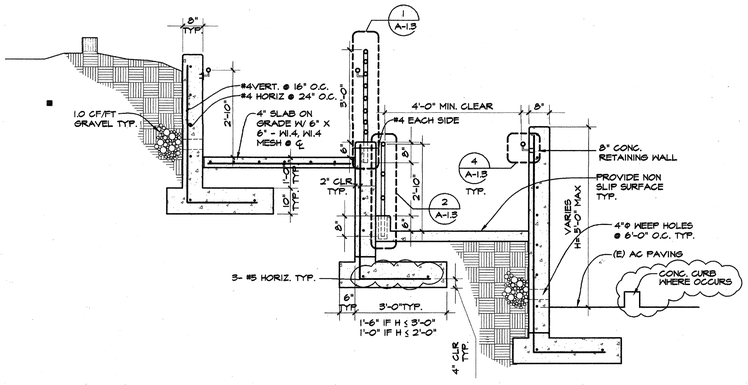


RAMP SECTION

SCALE: 1/2" = 1'-0" (9)



RAMP SECTION

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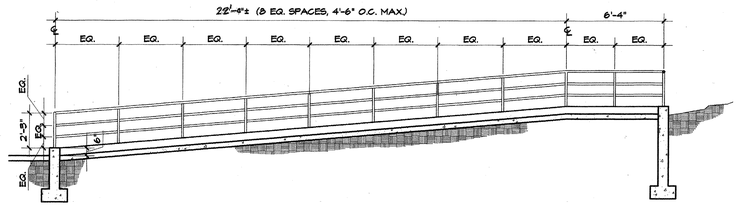

RAMP SECTION/ELEVATION

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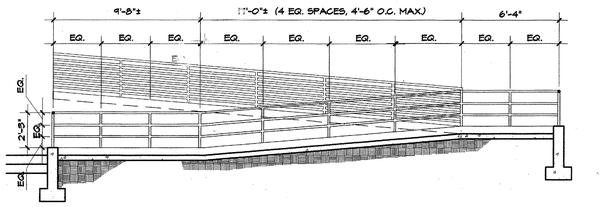

RAMP SECTION/ELEVATION

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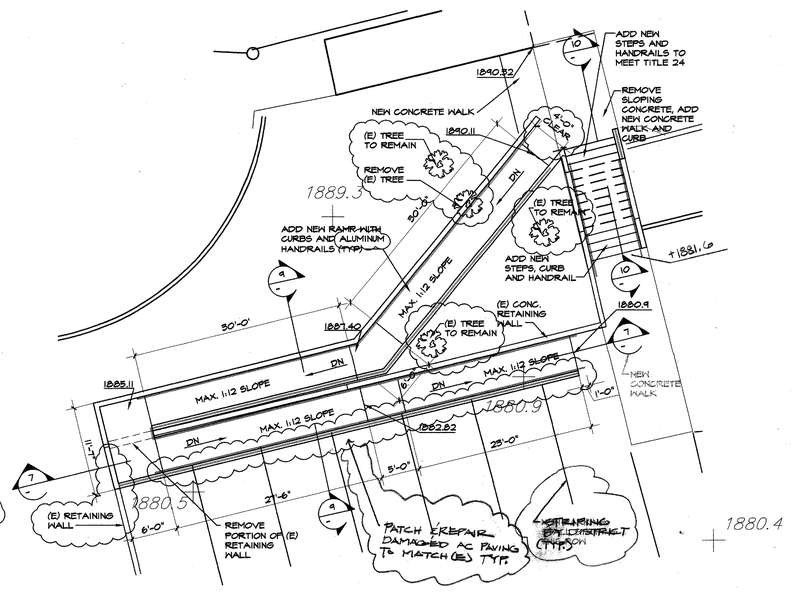
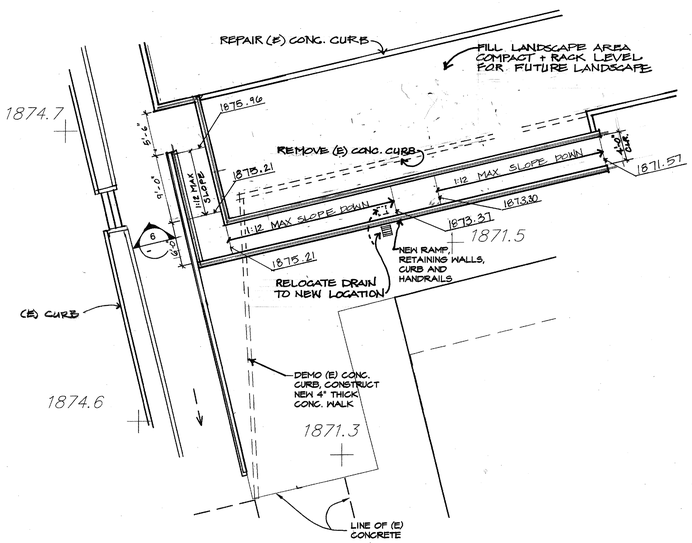


RAMP PLAN

SCALE: 1/8" = 1'-0" (4)



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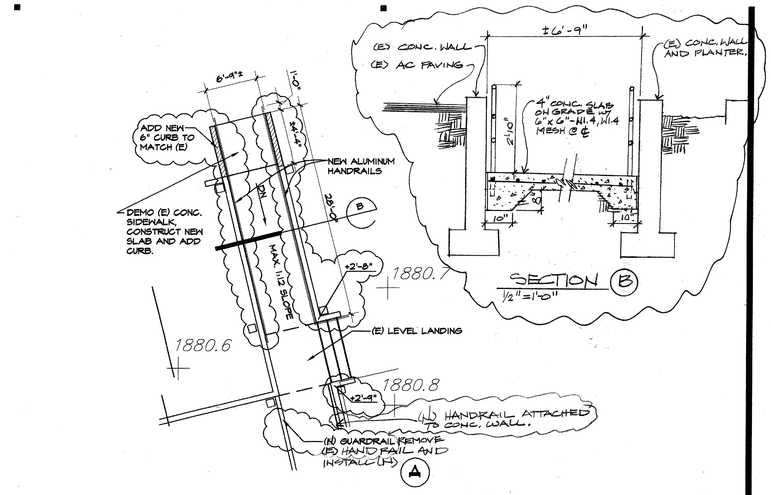

RAMP PLAN

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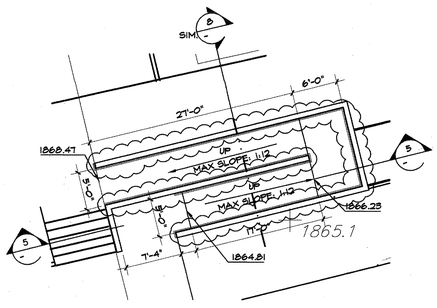

RAMP PLAN

SCALE: 1/8" = 1'-0" (1)

ADDENDUM #2

OSBORN ARCHITECTS

880 EAST BROADWAY GLENDALE CA 91205
TEL: 818-246-5112 FAX: 818-246-5567

REGISTERED ARCHITECT EDWARD K. OSBORN No. C 20877 4/30/99 STATE OF CALIFORNIA

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PROJECT TITLE

GLENDALE UNIFIED SCHOOL DISTRICT MODERNIZATION PLAN IMPLEMINTATION

MODERNIZATION PROGRAM
PHASE I

VALLEY VIEW ELEMENTARY SCHOOL
1900 MARYLAND AVENUE
LA CRESCENTA, CA 91214

REVISION:
△
△
△
△
△

SHEET TITLE:

SITE PAMP PLAN & SECTIONS

KEY PLAN:

SCALE: AS SHOWN
DATE: 04/09/98
JOB NO: 9808.04
DRAWN BY: CH
CHECKED BY: RH

SHEET NO: Z A1.2
OF
9808.04