CONTRACTOR RESPONSIBILITIES

The Contractor shall be responsible for maintaining a clean and safe job site consistent with the requirements of Paragraph 2.1.2.6.2.1.3.5.2.1.4.1.2.1 (a) of the State of California Occupational Safety and Health Enforcement Manual.

The Contractor shall be responsible for maintaining the construction site free of all debris, trash, and waste material. The Contractor shall have adequate water supplies available for washing down the construction site. The Contractor shall be responsible for the protection of the adjacent property from the work being performed.

The Contractor shall be responsible for the safe and proper execution of all work to be performed. The Contractor shall be responsible for the aseptical cleanliness of all work performed. The Contractor shall be responsible for the proper disposal of all waste material generated by the work being performed.

The Contractor shall be responsible for the proper disposal of all waste material generated by the work being performed. The Contractor shall be responsible for the proper disposal of all waste material generated by the work being performed. The Contractor shall be responsible for the proper disposal of all waste material generated by the work being performed.

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DETAIL 1: CONCRETE SIDEWALK

DETAIL 2: AC PAVEMENT GRIND AND OVERLAY

DETAIL 3: TRENCH DRAIN

DETAIL 4: REDWOOD HEADER

**DEHESA ELEMENTARY SCHOOL**

**CONSTRUCTION DOCUMENTS**

**DEHESA SCHOOL DISTRICT**

**4612 DEHESA ROAD**

**EL CAJON, CA 92019**

**CONSULTANT**

**Snipes-Dye civil engineers and land surveyors**

**C-100**

**DETAILS**

**ADJACENT TILES TO BE PLACED 2.3"-2.4" O.C. FROM DOME TO DOME, WHERE OCCURS FLUSH TRANSITION AT CURB RAMPS WITH ADJACENT SURFACES**

**COLOR:** The detectable warning tile shall be yellow color No. 33538 of SAE AMS-STD-595A. To comply with CBC Section 11B-705.1.1.3.1.

**ACO DRAIN**

Type 663D/666D Perforated stainless steel grate (ADA)

**DESCRIPTION**

- Product Description
  - Stainless steel grate
  - Non-Galvanic Stainless Steel
  - Integral frame and end frames with lockable covers
  - Diameter of holes: 0.059" (1.5 mm)
  - Gauge: 14-gauge stainless steel
  - Drainage Area: 5.9 sq ft
  - Capacity: 12 in./hr
  - Height: 1.5" (38 mm)

**SPECIFICATION INFORMATION**

- Material: Stainless steel
- Finish: Polished
- Code: A1A
- Color: Satin
- Weight: 24 lbs
- Model: 663D/666D

**A1A**

**ACO**

**DSAR**

**DIVISION OF THE STATE ARCHITECT**

**DEPARTMENT OF GENERAL SERVICES**

**IDENTIFICATION STAMP**

**APP:**

**INC:**

**REVIEWED FOR**

**SS**

**FLS**

**ACS**

**DATE:**

**04-122772**

**03/26/2024**
OVERALL SITE PLAN

1. G-1
   - Existing Path of Travel
   - Existing Accessible Parking Stripping
   - Existing Gate to Remain
   - No Change

2. G-3
   - Gate Schedule
   - Total Passenger Drop-Off Spaces: 1
   - Total Parking Spaces: 33

3. A-1.1
   - Existing Gate to Meet Accessibility Requirements.
   - Existing Gate to Remain, No Change
   - New Gate DM GALV

4. A-10.1
   - Sprinklered
   - Accessible Restroom Facilities for Staff
   - Accessible Parking
   - Provide "No Parking, No Student Drop-Off or Pick-Up" Ref. Detail

5. A-10.9
   - Sprinklered
   - Girls Restroom
   - Boys Restroom
   - Accessible RTE.

6. DEHESA ELEMENTARY SCHOOL
   - DEHESA SCHOOL DISTRICT
   - Division of the State Architect
   - Former Division of the State Architect Applications
   - This Site Plan ILLUSTRATES FORMER DIVISION OF THE STATE ARCHITECT APPLICATIONS

7. DUMPSTER LOCATIONS
   - Existing ASPHALT TO REMAIN
   - Existing TRASH ENCLOSURE TO REMAIN
   - Existing 24'X40' RELOCATABLE CLASSROOM, NOT IN CONTRACT (N.I.C.)
   - Existing Building in the Scope of Work
   - Existing Building in the Scope of Work
   - Existing Building in the Scope of Work

8. DIVISION 10 - SPECIALITIES
   - Existing Accessible Parking Stripping
   - Provide Slats to Match Existing Gates. Ref. Civil
   - Provide AC Paving Overlay, Ref. Civil
   - Provide "No Parking, No Student Drop-Off or Pick-Up"

9. DIVISION 01 - GENERAL
   - Provide Functional Sign Projected Area 1
   - Provide Functional Sign Projected Area 2
   - Provide Functional Sign Projected Area 3
   - Provide Functional Sign Projected Area 4
   - Provide Functional Sign Projected Area 5

10. DEPARTMENT OF GENERAL SERVICES
    - Division of the State Architect
    - Former Division of the State Architect Applications
    - This Site Plan ILLUSTRATES FORMER DIVISION OF THE STATE ARCHITECT APPLICATIONS

11. ACCESSIBLE RESTROOMS
    - Accessible Restroom
    - Accessible RTE.
    - Accessible RTE.
    - Accessible RTE.

12. PARKING ANALYSIS
    - Parking Analysis
    - Gate Schedule

13. OVERALL SITE PLAN GENERAL NOTES
    - Overall Site Plan
    - Description
    - Date

14. OVERALL SITE PLAN LAYOUT
    - Site Plan Layout
    - Site Plan Layout
    - Site Plan Layout

15. REVIEWED FOR
    - SS
    - FLS
    - ACS
    - DATE: 03/26/2024

16. APP:
    - Reference:
    - Location:
    - Stamp:

17. GATE SCHEDULE
    - Gate Schedule
    - Gate Schedule
    - Gate Schedule

18. REFERENCES
    - Reference Keynotes
    - Reference Keynotes
    - Reference Keynotes

19. CONSTRUCTION NOTES
    - Construction Notes
    - Construction Notes
    - Construction Notes

20. REVISIONS
    - Revisions
    - Revisions
    - Revisions

21. ACCESSIBLE RESTROOMS
    - Accessible Restroom
    - Accessible RTE.
    - Accessible RTE.
    - Accessible RTE.

22. PARKING ANALYSIS
    - Parking Analysis
    - Gate Schedule

23. OVERALL SITE PLAN
    - Overall Site Plan
    - Description
    - Date

24. SHEET # A-1.1
    - Sheet # A-1.1
    - Sheet # A-1.1
PIPE GUARDS TO BE INCLUDED ON NEW EXPOSED PIPING AND REPLACED OR ADDED AS

NOTE: THEREFORE ALL INTERIOR DOORS ARE "PROTECTED".

ALL EXTERIOR DOORS HAVE THE ABILITY TO BE LOCKED FROM THE "INSIDE"

20. REVISIONS

OTHERWISE.

ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS NOTED


PROVIDE MIN. CLEARANCE AT ALL DOORS PER CBC

FOR ACCESSIBLE MOUNTING HEIGHTS.

450. CORRIDORS, ROOMS, AND ENCLOSED SPACES SHALL BE CLASS C: FLAME SPREAD

FOR WALL FINISH EXTENTS.

CABINET ANCHORAGE FASTENERS TO WALLS, BLOCKING OR BACKING SHALL BE PER

WITH INSULATION OR SOUND ATTENUATION BATT INSULATION.

7.

6.

WHERE PROVIDE ALUMINUM STOREFRONT WINDOW FRAME AND GLAZING SYSTEM

CASEWORK. NO DOORS.

PROVIDE PLASTIC LAMINATED FACED ARCHITECTURAL CABINETS, REF.

- RESILIENT TILE FLOORING

- ALUMINUM STOREFRONT WINDOW FRAME AND GLAZING SYSTEM

EXISING DOOR INSTALLED IN NEW FRAME.

- PLASTIC LAMINATE BOOK SHELVES WITH ADJUSTABLE SHELVING,

-基礎的導航標記

- DIAGONAL TACTILE ROOM SIGNAGE  PER DETAIL

- PROVIDE NEW ACCESSIBLE FLUSH VALVE.
REFERENCE KEYNOTES

1. ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.
2. REMOVE LIGHT FIXTURES UNLESS NOTED OTHERWISE, REF. ELEC. FOR ADDITIONAL INFORMATION.
3. REMOVE CEILING REGISTER PER MECHANICAL DRAWINGS.
4. CAREFULLY REMOVE ALL WINDOW SHADES, ASSOCIATED HARDWARE AND SUCH AS STAPLES. REMOVE TO CLEAN BARE WOOD STRIPPING.
5. REMOVE 12" X 12" ACOUSTICAL CEILING TILE FINISH INCLUDING FASTENERS, SUCH AS STAPLES. REMOVE TO BARE CLEAN SUBSTRATE.
6. VERIFY EXISTING CONDITIONS.
7. THE CONTRACTOR SHALL PROTECT EXISTING ELEMENTS SCHEDULED TO REMAIN FROM WORK AND NOTIFY THE DISTRICT WITH A WRITTEN LISTING OF ANY NON OPERATIONAL OR RECLAMATION.
8. THE DISTRICT EMPLOYS THE FIRST RIGHT OF REFUSAL FOR ITEMS FOR SALVAGE OR WORK AND NOTIFICATION PRIOR TO ANY DEMOLITION WORK SHALL REVIEW ALL REGIONS OF DRAWINGS, SPECIFICATIONS, AND APPENDICES AT THE END OF THE DRAWINGS.
9. OTHERWISE NOTED. REFERENCE KEYNOTES.
10. REMOVE ALL FINISHES DOWN TO STRUCTURE UNLESS OTHERWISE NOTED. REFERENCE KEYNOTES.
11. DRAWINGS, (PLANS, ELEVATIONS ETC..) FOR APPLICABLE HATCH PATTERNS.
12. REMOVE ALL FINISHES DOWN TO STRUCTURE UNLESS OTHERWISE NOTED. REFERENCE KEYNOTES.
13. REFER TO CBC CHAPTER 33.
14. THE CONTRACTOR SHALL PROTECT EXISTING ELEMENTS SCHEDULED TO REMAIN FROM WORK AND NOTIFY THE DISTRICT WITH A WRITTEN LISTING OF ANY NON OPERATIONAL OR RECLAMATION.
15. AND EQUIPMENT ARE NOT ILLUSTRATED IN THE DEMOLITION PLANS.
16. CUTTING HOLES IN EXISTING SHEAR WALLS FOR MODIFICATIONS SHALL BE MINIMAL, 3"X3".
17. REMOVE ALL FINISHES DOWN TO STRUCTURE UNLESS OTHERWISE NOTED. REFERENCE KEYNOTES.
18. DEHESA SCHOOL DISTRICT.
19. ALL HAZARDOUS BUILDING MATERIALS IDENTIFIED IN THE 2022 ASBESTOS HAZARD IDENTIFICATION STAMP.
2. PROVIDE A FLUSH SEAMLESS FINISH FROM NEW TO EXISTING. REF. DETAIL 06-11.01.001.
3. PROVIDE SOLID CORE WOOD DOORS PER SPECIFICATIONS. REF. DETAIL 06-11.01.001.
4. PROVIDE ALUMINUM STOREFRONT DOOR AND OR WINDOW SYSTEM AND GLAZING (WHERE APPLICABLE) PER OPENING SCHEDULE AND SPECS.
5. PROVIDE ALUMINUM STOREFRONT WINDOW FRAME AND GLAZING SYSTEM - E.Q.
6. PROVIDE EXTERIOR MOUNTED TACTILE ROOM SIGNAGE  PER DETAIL 08-13.05.004.
7. PROVIDE EXISTING FIRE EXTINGUISHER RECESS.
8. PROVIDE EXISTING SKYLIGHT TO REMAIN.  PROTECT IN PLACE.
9. FOR EXISTING RIFLE Gunn FIRE HOSE REEL, REMOVE, PROTECT, STORE PRIOR TO PAINTING.  RE-INSTALL ONCE PAINT IS DRY AND READY TO RECEIVE ITEMS.
10. REMOVE EXISTING TRIM.  SALVAGE AND REFURISH FOR RE-USE WHERE APPROPRIATE.
11. REMOVE PORTION OF WOOD FRAMED WALL AS REQUIRED FOR NEW WORK.
12. REMOVE EXISTING DOOR AND WINDOW & FRAMING SYSTEMS.  SALVAGE, ONLY WHERE NEEDED.
13. REMOVE EXISTING TRIM.  SALVAGE AND REFURISH FOR RE-USE WHERE APPROPRIATE.
14. REMOVE EXISTING DOOR AND WINDOW & FRAMING SYSTEMS.  SALVAGE, ONLY WHERE NEEDED.
15. REMOVE EXISTING DOOR AND WINDOW FRAMES, WINDOW FRAMES, EXISTING WOOD TRIM TO REMAIN.  REFURBISH, PAINT, REPLACE IN KIND.
ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.

EMERGENCY RESPONSE ACT 3 YEAR INSPECTION LOCATED IN AREAS BEING MODIFIED

ALL HAZARDOUS BUILDING MATERIALS IDENTIFIED IN THE 2022 ASBESTOS HAZARD IDENTIFICATION STAMP

REMAIN TO APPEAR AS NEW.

CUTTING HOLES IN EXISTING SHEAR WALLS FOR MODIFICATIONS SHALL BE MINIMAL, 3"X3".

REMOVAL OF ALL FINISHES DOWN TO STRUCTURE UNLESS OTHERWISE NOTED.

FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CBC.

BROKEN MATERIAL SUCH AS, BUT NOT LIMITED TO LIGHTING, LIGHTING LENSES, FANS, WORK AND NOTIFY THE DISTRICT WITH A WRITTEN LISTING OF ANY NON OPERATIONAL OR WORK ELEMENTS.

REFERENCES ALL DRAWINGS, SPECIFICATIONS, AND APPENDICES AT THE END OF THE CONTRACT DOCUMENTS AND THESE GENERAL NOTES PROVIDE WORK SCOPE FOR THE CONTRACT DOCUMENTS AND KEYNOTES WITHOUT ARROWS DENOTE AN ITEM OR REGION OF THE GENERAL AREA IN WHICH THEY ARE LOCATED AND ARE REFERENCING.

NOT ALL KEYNOTES MAY BE USED OR REFERENCED.

DIVISION 10 - SPECIALITIES

REMOVE EXISTING ROOM SIGNAGE

PROVIDE TOW AWAY SIGN PER DETAIL 30/A-10.1.

PROVIDE EXTERIOR MOUNTED TACTILE ROOM SIGNAGE PER DETAIL

PROVIDE DOOR MOUNTED GEOMETRIC SYMBOL PER DETAIL 5/A-10.7

REMOVE ARTWORK, SIGNS, TACKBOARDS CAREFULLY PRIOR TO PAINTING.

SIGN(S) IS BEING REPLACED OR RE-INSTALLED AS IS.

VERILY IF REMOVE ARTWORK, SIGNS, TACKBOARDS CAREFULLY PRIOR TO PAINTING.

FOR UNIT LOCATIONS.

ILLUSTRATED SIMILARLY, MIRRORED DESIGN AND SIMILAR CONDITIONS SHALL BE ASSUMED TO BE NOTED SIMILARLY. QUANTITIES WILL NOT BE DENOTED BY KEYNOTES.

FOR TYPICAL DEFINITIONS.

REFERENCE ALL DRAWINGS, SPECIFICATIONS, AND APPENDICES AT THE END OF THE CONTRACT DOCUMENTS AND THESE GENERAL NOTES PROVIDE WORK SCOPE FOR THE CONTRACT DOCUMENTS AND KEYNOTES WITHOUT ARROWS DENOTE AN ITEM OR REGION OF THE GENERAL AREA IN WHICH THEY ARE LOCATED AND ARE REFERENCING.

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FOR UNIT LOCATIONS.

ILLUSTRATED SIMILARLY, MIRRORED DESIGN AND SIMILAR CONDITIONS SHALL BE ASSUMED TO BE NOTED SIMILARLY. QUANTITIES WILL NOT BE DENOTED BY KEYNOTES.

FOR TYPICAL DEFINITIONS.

REFERENCE ALL DRAWINGS, SPECIFICATIONS, AND APPENDICES AT THE END OF THE CONTRACT DOCUMENTS AND THESE GENERAL NOTES PROVIDE WORK SCOPE FOR THE CONTRACT DOCUMENTS AND KEYNOTES WITHOUT ARROWS DENOTE AN ITEM OR REGION OF THE GENERAL AREA IN WHICH THEY ARE LOCATED AND ARE REFERENCING.

NOT ALL KEYNOTES MAY BE USED OR REFERENCED.
LIBRARY INTERIOR ELEVATIONS

INTERIOR ELEVATIONS GENERAL NOTES

1. PROVIDE WALL MOUNTED (DO NOT INSTALL ON GLASS) ASSISTIVE LISTENING SYSTEM AVAILABLE IN OFFICE SYSTEM LISTENING ASSISTIVE DEVICES.

2. PROVIDE TACTILE EXIT SIGNAGE PER DETAIL 2 & 13 E1/A-10.7.

3. PROVIDE FLAT SCREEN TV/MONITOR AND WALL MOUNT, REF. ELECTRICAL DESCRIPTION ELEVATIONS.

4. PROVIDE TACWALL. REF. SPECIFICATIONS AND DETAIL 13/A-10.2.

5. PROVIDE WALL MOUNTED CASEWORK WITH PLUMBING FIXTURES SHALL BE PROVIDED PARALLEL TO FINISHED FLOOR. EXCEPT AT SINK CABINETS.  ALL U-SHAPED PULLS ARE TO BE ORIENTED WITH 4" REAR & SIDE SPLASHES TYPICAL UNLESS NOTED OTHERWISE.

6. ALL WALL MOUNTED CASEWORK WITH PLUMBING FIXTURES SHALL BE PROVIDED COMPLY WITH CBC CHAPTER 8 AND TITLE 19. EXIT ENCLOSURES AND EXIT INFORMATION.

7. CONTRACTOR FURNISHED AND INSTALLED.

8. WALLBOARD NOT PROVIDED WITH OTHER FINISHES SUCH AS VINYL TACKING PANELS.

9. KEYNOTES.

10. PROVIDE GLASS COATED METAL SHEET HARDWARE.

11. PROVIDE EXTENDED BASE AND INSTALL FROM FINISH BASE.

12. PROVIDE FRAME MASONRY PANELS IN EXTERIOR ENCLOSED AREA AND DETAIL 14/A-10.5.

13. PROVIDE SPECIAL TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

14. INTERIOR ELEVATIONS.

15. FOR TYPICAL DEFINITIONS.

16. FOR TYPICAL ERRATA.

17. CBC 719.2

18. 1/4" = 1'-0"

19. 1/2" = 1'-0"

20. 1/4" = 1'-0"

21. 1/4" = 1'-0"

22. 1/4" = 1'-0"

23. 1/4" = 1'-0"

24. 1/4" = 1'-0"

25. ENLARGED ACP LAYOUT

26. DEPARTMENT OF GENERAL SERVICES

27. DIVISION OF THE STATE ARCHITECT

28. 3 Sheets

29. 06 41 16.10

30. 10.02 41 19.367

31. REVIEWED FOR

32. DIVISION OF THE STATE ARCHITECT

33. INC:

34. 10 14 19.11

35. PROVIDE CASEWORK: WI (WOODWORK INSTITUTE) W (WIDTH) x H (HEIGHT) x D (DEPTH).  M17.

36. EXCEED 200 AND SMOKE-DEVELOPMENT INDEX NOT TO EXCEED 450.

37. ACB-1

38. ACB-2

39. ACB-3

40. FOR TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

41. WALLBOARD NOT PROVIDED WITH OTHER FINISHES SUCH AS VINYL TACKING PANELS.

42. PROVIDE GLASS COATED METAL SHEET HARDWARE.

43. PROVIDE EXTENDED BASE AND INSTALL FROM FINISH BASE.

44. PROVIDE FRAME MASONRY PANELS IN EXTERIOR ENCLOSED AREA AND DETAIL 14/A-10.5.

45. PROVIDE SPECIAL TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

46. INTERIOR ELEVATIONS.

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49. CBC 719.2

50. 1/4" = 1'-0"

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52. 1/4" = 1'-0"

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64. DIVISION OF THE STATE ARCHITECT

65. INC:

66. 10 14 19.11

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68. EXCEED 200 AND SMOKE-DEVELOPMENT INDEX NOT TO EXCEED 450.

69. ACB-1

70. ACB-2

71. ACB-3

72. FOR TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

73. WALLBOARD NOT PROVIDED WITH OTHER FINISHES SUCH AS VINYL TACKING PANELS.

74. PROVIDE GLASS COATED METAL SHEET HARDWARE.

75. PROVIDE EXTENDED BASE AND INSTALL FROM FINISH BASE.

76. PROVIDE FRAME MASONRY PANELS IN EXTERIOR ENCLOSED AREA AND DETAIL 14/A-10.5.

77. PROVIDE SPECIAL TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

78. INTERIOR ELEVATIONS.

79. FOR TYPICAL DEFINITIONS.

80. FOR TYPICAL ERRATA.

81. CBC 719.2

82. 1/4" = 1'-0"

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85. 1/4" = 1'-0"

86. 1/4" = 1'-0"

87. 1/4" = 1'-0"

88. 1/4" = 1'-0"

89. ENLARGED ACP LAYOUT

90. DEPARTMENT OF GENERAL SERVICES

91. DIVISION OF THE STATE ARCHITECT

92. 3 Sheets

93. 06 41 16.10

94. 10.02 41 19.367

95. REVIEWED FOR

96. DIVISION OF THE STATE ARCHITECT

97. INC:

98. 10 14 19.11


100. EXCEED 200 AND SMOKE-DEVELOPMENT INDEX NOT TO EXCEED 450.

101. ACB-1

102. ACB-2

103. ACB-3

104. FOR TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

105. WALLBOARD NOT PROVIDED WITH OTHER FINISHES SUCH AS VINYL TACKING PANELS.

106. PROVIDE GLASS COATED METAL SHEET HARDWARE.

107. PROVIDE EXTENDED BASE AND INSTALL FROM FINISH BASE.

108. PROVIDE FRAME MASONRY PANELS IN EXTERIOR ENCLOSED AREA AND DETAIL 14/A-10.5.

109. PROVIDE SPECIAL TYPICAL F.F.E. MOUNTING HEIGHTS, SEE DETAIL ELEVATIONS.

110. INTERIOR ELEVATIONS.

111. FOR TYPICAL DEFINITIONS.

112. FOR TYPICAL ERRATA.

113. CBC 719.2

114. 1/4" = 1'-0"

115. 1/2" = 1'-0"

116. 1/4" = 1'-0"

117. 1/4" = 1'-0"

118. 1/4" = 1'-0"

119. 1/4" = 1'-0"

120. 1/4" = 1'-0"
ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.

1. VERIFY EXISTING CONDITIONS.

2. DIVISION 01 - GENERAL

   a. LIMITS OF WORK

   b. ACCESS

3. DIVISION 02 - EXISTING CONDITIONS

   a. LIMITS OF WORK

   b. ACCESS

4. DEMOLITION GENERAL NOTES

   a. EXISTING BUILDING, NO WORK.

   b. REMOVE WINDOW ASSEMBLY

   c. REMOVE EXISTING WOOD STUD NON-BEARING WALL

   d. EXISTING WOOD STUD WALL TO REMAIN

   e. REMOVE DOOR ASSEMBLY PER KEYNOTES

   f. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   g. REMOVE SINK BASE CABINET.

   h. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   i. REMOVE EXISTING HOSE BIB.

   j. REMOVE EXISTING WINDOW SYSTEM

   k. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   l. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   m. EXISTING WALL BASE CAulk.

   n. FLOOR FINISH.

   o. REMOVE EXISTING WOOD STUD WALL TO REMAIN

   p. REMOVE DOOR ASSEMBLY PER KEYNOTES

   q. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   r. REMOVE SINK BASE CABINET.

   s. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   t. REMOVE EXISTING HOSE BIB.

   u. REMOVE EXISTING WINDOW SYSTEM

   v. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   w. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   x. EXISTING WALL BASE CAulk.

   y. FLOOR FINISH.

   z. REMOVE EXISTING WOOD STUD WALL TO REMAIN

   AA. REMOVE DOOR ASSEMBLY PER KEYNOTES

   BB. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   CC. REMOVE SINK BASE CABINET.

   DD. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   EE. REMOVE EXISTING HOSE BIB.

   FF. REMOVE EXISTING WINDOW SYSTEM

   GG. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   HH. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   II. EXISTING WALL BASE CAulk.

   JJ. FLOOR FINISH.

   KK. REMOVE EXISTING WOOD STUD WALL TO REMAIN

   LL. REMOVE DOOR ASSEMBLY PER KEYNOTES

   MM. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   NN. REMOVE SINK BASE CABINET.

   OO. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   PP. REMOVE EXISTING HOSE BIB.

   QQ. REMOVE EXISTING WINDOW SYSTEM

   RR. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   SS. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   TT. EXISTING WALL BASE CAulk.

   UU. FLOOR FINISH.

   VV. REMOVE EXISTING WOOD STUD WALL TO REMAIN

   WW. REMOVE DOOR ASSEMBLY PER KEYNOTES

   XX. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   YY. REMOVE SINK BASE CABINET.

   ZZ. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   AAA. REMOVE EXISTING HOSE BIB.

   BBB. REMOVE EXISTING WINDOW SYSTEM

   CCC. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   DDD. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   EEE. EXISTING WALL BASE CAulk.

   FFF. FLOOR FINISH.

   GGG. REMOVE EXISTING WOOD STUD WALL TO REMAIN

   HHH. REMOVE DOOR ASSEMBLY PER KEYNOTES

   IJJ. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   KKK. REMOVE SINK BASE CABINET.

   LLL. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   MNN. REMOVE EXISTING HOSE BIB.

   OOO. REMOVE EXISTING WINDOW SYSTEM

   PPP. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   QQQ. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   RRR. EXISTING WALL BASE CAulk.

   SSS. FLOOR FINISH.

   TTT. REMOVE EXISTING WOOD STUD WALL TO REMAIN

   UUU. REMOVE DOOR ASSEMBLY PER KEYNOTES

   VVV. REMOVE WOOD STUD SILVER LAMINATE, FASTENERS, RETURN TO OWNER.

   WWW. REMOVE SINK BASE CABINET.

   XXX. REMOVE HANGERS, TRACKS AND ALL ASSOCIATED HARDWARE.

   YYY. REMOVE EXISTING HOSE BIB.

   ZZZ. REMOVE EXISTING WINDOW SYSTEM

   AAAAA. EXISTING DOOR, FRAME AND/OR DOOR/WINDOW SYSTEM TO REMAIN.

   BBBBB. LIMITS TO, TRACKS AND ALL ASSOCIATED HARDWARE.

   CCCCC. EXISTING WALL BASE CAulk.

   DDDDD. FLOOR FINISH.
DEMO: KINDERGARTEN, CLASSROOM.

ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.

1. VERIFY EXISTING CONDITIONS.
2. KEYNOTES ARE INDICATED AT ONLY A PORTION OF THE ELEMENTS. ELEMENTS PERTAIN TO THE WORK IN THE SAME MANNER AS THE REQUIREMENTS OF THE DRAWINGS OTHERWISE NOTED. REFERENCE KEYNOTES.
3. THESE GENERAL NOTES PROVIDE WORK SCOPE FOR THE CONTRACT DOCUMENTS AND INFORMATION.
4. DIVISION 01 - GENERAL
   - DIVISION 02 - EXISTING CONDITIONS
   - DIVISION 03 - DEMOLITION

5. MOVEABLE FURNISHINGS AND EQUIPMENT, SUCH AS TABLES, CHAIRS, BOOK SHELVING AND EQUIPMENT ARE NOT ILLUSTRATED IN THE DEMOLITION PLANS.
6. THE CONTRACTOR SHALL PROTECT EXISTING ELEMENTS SCHEDULED TO REMAIN FROM DAMAGE DERIVED FROM THE DEMOLITION ACTIVITIES.
7. OTHERWISE NOTED. REFERENCE KEYNOTES.
8. THE NEW WORK REQUIREMENTS. DEMOLITION EXTENTS ARE INDICATED TO THE GREATEST DEGREE POSSIBLE, BUT EXACT EXTENTS SHALL BE DETERMINED IN THE FIELD.
9. THE DISTRICT EMPLOYS THE FIRST RIGHT OF REFUSAL FOR ITEMS FOR SALVAGE OR REUSE, WHETHER APPARENT OR HIDDEN.
10. NOT ALL ITEMS TO BE REMOVED HAVE BEEN SHOWN FOR CLARITY. CONTRACTOR TO REMOVE 24"X 48" ACOUSTICAL CEILING PANEL, GRID AND ASSOCIATED FASTENERS, RETURN TO OWNER.
11. CAREFULLY REMOVE ALL WINDOW SHADES, ASSOCIATED HARDWARE AND RELATED HARDWARE FROM THE WINDOW. REMOVE EXISTING LIGHT FIXTURES UNLESS NOTED OTHERWISE, REF. ELEC. FOR ADDITIONAL INFORMATION.
12. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK REQUIRED TO PERFORM THE NEW WORK. ALL INFORMATION CONTAINED IN THIS DRAWING IS FOR THE CONTRACTOR'S INFORMATION.
13. REMOVE CEILING REGISTER PER MECHANICAL DRAWINGS.
14. REMOVE ACOUSTICAL CEILING PANELS AND SUSPENDED CEILING GRID. REMOVE MECHANICAL REGISTER, REF. MECH. FOR ADDITIONAL INFORMATION.
15. REMOVE LIGHT FIXTURE. REF. ELEC. FOR ADDITIONAL INFORMATION.
16. AVOID STUDS, HEADERS AND ADDITIONAL STRUCTURAL ELEMENTS.
17. PATCH AND REPAIR ALL DAMAGED OR REMOVED PORTIONS OF EXISTING BUILDINGS TO APPEAR AS NEW.
18. ALL HAZARDOUS BUILDING MATERIALS IDENTIFIED IN THE 2022 ASBESTOS HAZARD EMERGENCY RESPONSE ACT 3 YEAR INSPECTION LOCATED IN AREAS BEING MODIFIED.
19. ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.

DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

DEHESA SCHOOL DISTRICT
4612 DEHESA ROAD
EL CAJON, CA 92019
ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.

19.

EMERGENCY RESPONSE ACT 3 YEAR INSPECTION LOCATED IN AREAS BEING MODIFIED

APP:

DATE:

04-122772

ALL HAZARDOUS BUILDING MATERIALS IDENTIFIED IN THE 2022 ASBESTOS HAZARD

18.

REMAIN TO APPEAR AS NEW.

17.

DRAWINGS, (PLANS, ELEVATIONS ETC..) FOR APPLICABLE HATCH PATTERNS.

16.

AVOID STUDS, HEADERS AND ADDITIONAL STRUCTURAL ELEMENTS.

15.

FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL BE IN ACCORDANCE

14.

WITH CBC CHAPTER 33.

13.

NOT ALL HATCH PATTERNS THAT ARE SHOWN IN LEGEND MAY BE USED, REFERENCE

12.

KEYNOTES WITHOUT ARROWS DENOTE AN ITEM OR REGION OF THE GENERAL AREA IN

11.

WHICH THEY ARE LOCATED AND ARE REFERENCING.

10.

THE CONTRACTOR SHALL PROTECT EXISTING ELEMENTS SCHEDULED TO REMAIN FROM

9.

DAMAGE DERIVED FROM THE DEMOLITION ACTIVITIES.

8.

THE DISTRICT EMPLOYS THE FIRST RIGHT OF REFUSAL FOR ITEMS FOR SALVAGE OR

7.

THE CONTRACTOR PRIOR TO ANY DEMOLITION WORK SHALL REVIEW ALL REGIONS OF

6.

OTHERWISE NOTED. REFERENCE KEYNOTES.

5.

THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK REQUIRED TO PERFORM

4.

ILLUSTRATED SIMILARLY, MIRRORED DESIGN AND SIMILAR CONDITIONS SHALL BE APPLIED

3.

DEMO DRAWINGS, SPECIFICATIONS, AND APPENDICES AT THE END OF THE

2.

REFERENCE ALL DRAWINGS, SPECIFICATIONS, AND APPENDICES AT THE END OF THE

1.

REFERENCE KEYNOTES

DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
APP:
INC:
DATE:
03/26/2024
04-122772

BUILDING B KINDERGARTEN EXTERIOR SOUTH DEMOLITION ELEVATIONS

BUILDING B KINDERGARTEN EXTERIOR EAST DEMOLITION ELEVATIONS

BUILDING B KINDERGARTEN EXTERIOR NORTH DEMOLITION ELEVATIONS

BUILDING B KINDERGARTEN EXTERIOR WEST DEMOLITION ELEVATIONS
**REFERENCE KEYNOTES**

1. PROVIDE PLASTIC LAMINATED UPPPER CABINET PER DETAIL 2/A-10.5.
2. PROVIDE WALL AND INSTALL RESILIENT BASE.
3. PROVIDE HOLLOW METAL WINDOW FRAME AND GLAZING PER OPENING (WHERE APPLICABLE), REF. OPENING SCHEDULES AND SPECS.
4. PROVIDE HOLLOW METAL FRAMED DOOR AND/OR DOOR/WINDOW SYSTEM.
5. PROVIDE PLASTIC LAMINATED UPPER CABINET PER DETAIL 2/A-10.5.
6. PROVIDE WOOD, PLASTICS, AND COMPOSITES.
7. PROVIDE WOOD, PLASTICS, AND COMPOSITES.
8. PROVIDE WOOD, PLASTICS, AND COMPOSITES.
9. PROVIDE WOOD, PLASTICS, AND COMPOSITES.
10. PROVIDE WOOD, PLASTICS, AND COMPOSITES.

**GREEN ROOM INTERIOR ELEVATIONS**

1. PROVIDE BACK ANGLE, VERTICAL AND DIVIDING WALLS.
2. PROVIDE BACK ANGLE, VERTICAL AND DIVIDING WALLS.
3. PROVIDE BACK ANGLE, VERTICAL AND DIVIDING WALLS.
4. PROVIDE BACK ANGLE, VERTICAL AND DIVIDING WALLS.

**COPY ROOM INTERIOR ELEVATIONS**

1. PROVIDED WITH LOCKS.
2. PROVIDE WALL AND INSTALL RESILIENT BASE.
3. PROVIDE HOLLOW METAL WINDOW FRAME AND GLAZING PER OPENING (WHERE APPLICABLE), REF. OPENING SCHEDULES AND SPECS.
4. PROVIDE HOLLOW METAL FRAMED DOOR AND/OR DOOR/WINDOW SYSTEM.
5. PROVIDE WALL AND INSTALL RESILIENT BASE.
6. PROVIDE HOLLOW METAL WINDOW FRAME AND GLAZING PER OPENING (WHERE APPLICABLE), REF. OPENING SCHEDULES AND SPECS.
7. PROVIDE HOLLOW METAL FRAMED DOOR AND/OR DOOR/WINDOW SYSTEM.
8. PROVIDE WALL AND INSTALL RESILIENT BASE.
9. PROVIDE HOLLOW METAL WINDOW FRAME AND GLAZING PER OPENING (WHERE APPLICABLE), REF. OPENING SCHEDULES AND SPECS.
10. PROVIDE HOLLOW METAL FRAMED DOOR AND/OR DOOR/WINDOW SYSTEM.

**INTERIOR ELEVATIONS GENERAL NOTES**

- PROVIDE ERGONOMIC CHAIRS, DESKS, TABLES, AND WORKSTATIONS TO MEET THE SPECIFICATIONS OF THE LEAD ACOUSTICIAN AND/OR THE LEAD ARCHITECT. PROVIDE ERGONOMIC CHAIRS, DESKS, TABLES, AND WORKSTATIONS TO MEET THE SPECIFICATIONS OF THE LEAD ACOUSTICIAN AND/OR THE LEAD ARCHITECT.
- PROVIDE ERGONOMIC CHAIRS, DESKS, TABLES, AND WORKSTATIONS TO MEET THE SPECIFICATIONS OF THE LEAD ACOUSTICIAN AND/OR THE LEAD ARCHITECT.
- PROVIDE ERGONOMIC CHAIRS, DESKS, TABLES, AND WORKSTATIONS TO MEET THE SPECIFICATIONS OF THE LEAD ACOUSTICIAN AND/OR THE LEAD ARCHITECT.
- PROVIDE ERGONOMIC CHAIRS, DESKS, TABLES, AND WORKSTATIONS TO MEET THE SPECIFICATIONS OF THE LEAD ACOUSTICIAN AND/OR THE LEAD ARCHITECT.

**REVISIONS**

- MODIFIED.
- MODIFIED.
- MODIFIED.
- MODIFIED.
- MODIFIED.

**DESCRIPTION**

- PROVIDE WOOD, PLASTICS, AND COMPOSITES.
- PROVIDE WOOD, PLASTICS, AND COMPOSITES.
- PROVIDE WOOD, PLASTICS, AND COMPOSITES.
- PROVIDE WOOD, PLASTICS, AND COMPOSITES.
- PROVIDE WOOD, PLASTICS, AND COMPOSITES.

**DATE**

- 03/26/2024
- 03/26/2024
- 03/26/2024
- 03/26/2024
- 03/26/2024

**JOB #**

- 22-0400
- 22-0400
- 22-0400
- 22-0400
- 22-0400

**SHEET #**

- A-B9-2
NOTE: ALL WINDOWS ARE FIXED PANELS

B-1C
25/A-10.8
A-5A
B-1D

DSA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

DATE: 03/26/2024

REVIEWED FOR
DSA
DIVISION OF THE STATE ARCHITECT

FLS

✔

04-122772

PATH OF TRAVEL, DOOR & GATE NOTES:
The door swing pattern will be 1922-0 to be determined. Five openings greater than 36" wide will be divided as 2 half doors. This will require openings 193" to 293" to be divided as 2 half doors. This will require openings 193" to 293" to be divided as 2 half doors.

Door closers stops are to be 78" minimum above the finish floor or ground. Door closers and stops shall be permitted to be 78" minimum above the finish floor or ground. CBC 11B-404.2.3. Door closers and stops shall be permitted to be 78" minimum above the finish floor or ground. CBC 11B-404.2.3.

The force for pushing or pulling open a door shall be as follows, per CBC Section 11B-404.2.9:

1. Interior and exterior doors (except fire doors) - 60 pounds
2. Exterior fire doors - 150 pounds
3. Exterior fire doors for employee use - 100 pounds
4. Exterior fire doors for public use - 60 pounds

Door closing speed shall be as follows per CBC Section 11B-404.2.8:

1. Interior doors - 2 seconds
2. Exterior doors - 4 seconds

Spring hinges shall be adjusted so that the required time to move a door from an open position and return to within 1/2 inches of the gate surfaces to prevent catching on the clothing or persons per CBC 11B-404.2.10.

The required time to move a door from an open position and return to within 1/2 inches of the gate surfaces to prevent catching on the clothing or persons per CBC 11B-404.2.10.

Exit doors shall be operable from the inside without the use of key, any other tool, or any mechanical or other device that could interfere with this requirement, except for locks required for security. CBC 11B-404.2.11.

Door operation shall be reversible so that push-pull doors can be used for both push and pull directions. CBC 11B-404.2.12.

Exit route signs shall be mounted not less than 3'-6" above the finish floor or ground. CBC 11B-404.2.13.

The exit route sign shall be placed adjacent to but not within 10" of the finish floor or ground. CBC 11B-404.2.14.

International symbols of accessibility shall be mounted on adjacent walls. CBC 11B-404.2.15.

Door latches are required to be self-locking or require an auxiliary means of locking. CBC 11B-404.2.16.

Panic hardware shall be mounted 36" to 44" above the finish floor surface. The authority having jurisdiction may increase the maximum effort to 70 pounds for exterior doors that are hand activated and 5 pounds for accessible doors or gates unless the following conditions are met: (Such conditions must be clearly referenced).

Provision for malfunctioning of the operation by an employee and for emergency locking of the device.

Detector switches or devices that are required by the authority having jurisdiction may be incorporated into the door assembly when required.

Panic bars shall be mounted in a vertical plane with the lock or latch component of the device located no less than 3'-0" above the finish floor or ground.

Non-removable surface actuators are required to be 3'-0" above the finish floor or ground. CBC 11B-404.2.18.

The required time to move a door from an open position and return to within 1/2 inches of the gate surfaces to prevent catching on the clothing or persons per CBC 11B-404.2.19.

Window schedule

Door schedule

Opening general notes

Opening key notes

Door frame types

Door Types

Window schedule
DEHESA ELEMENTARY SCHOOL
DEHESA SCHOOL DISTRICT
4612 DEHESA ROAD
KINGSTON
VITREOUS CHINA
CONSTRUCTION DOCUMENTS

FINISH SCHEDULE GENERAL NOTES

1. REFERENCE SPECIFICATIONS, APPLICABLE RECOMMENDATIONS, ELECTRICAL, MECHANICAL, PLUMBING, AND OTHER DESIGN DRAWINGS IN ADDITION TO THIS FINISH SCHEDULE.
2. THE USE OF MANCE CORPORATIONS' MATERIALS IS RECOMMENDED, BUT THE USE OF EQUIVALENT MATERIALS IS PERMITTED. Thus, materials not listed may be utilized provided the equivalent of the specified material is used.
3. WHERE MATERIAL SPECIFICATIONS ARE NOT STATED, THE ARCHITECT'S SPECIFICATIONS SHOULD BE CONSULTED.
4. IN ALL CASES, THE ARCHITECT'S SPECIFICATIONS SHOULD BE CONSULTED FOR THE REFERENCE INTERIOR ELEVATIONS FOR THE WALL FINISHES.
5. THE WALL FINISHES ARE TO BE TREATED AS IN THE DETAILS SHOWN.
6. PAINT FINISH ON WALL SURFACES SHALL INCLUDE EXPOSED CONDUITS, BUT ADDRESSED AS SIMILAR TO THE INTENT AS WHAT IS IDENTIFIED.
7. THE SPECIFICATIONS ARE TYPICAL FOR FLOOR TRANSITION DETAILS.

FINISH SCHEDULE

<table>
<thead>
<tr>
<th>ROOM NAME</th>
<th>FLOOR</th>
<th>BASE</th>
<th>WALLS</th>
<th>WINDOW</th>
<th>CEILING</th>
<th>NOTES</th>
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<td>1/A-B9.1</td>
<td>ACT</td>
<td>1/A-B9.1</td>
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<td>KINDERGARTEN</td>
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<td>STAFF LOUNGE</td>
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<td>ACT</td>
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<tr>
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<td>ACT</td>
<td>1/A-B9.1</td>
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</tbody>
</table>

FINISH LEGEND

TYPICAL FLOOR TRANSITION DETAILS.

1. ALL FLOOR FINISHES SHALL BE FIRM, STABLE AND SLIP RESISTANT.
2. REFERENCE INT. ELEVATIONS FOR MULTIPLE WALL FINISHES.
3. FINISH SCHEDULE GENERAL NOTES

NOTES

ADDRESSED AS SIMILAR TO THE INTENT AS WHAT IS IDENTIFIED.

FINISH MATERIAL ABBREVIATIONS

Xerox, Anderson, Tan, Red, Blue, Green, White, Black, Gray, Yellow, Orange, Pink, Purple, Brown, Gold, Silver

DESCRIPTION

Sheet No. A-8.1

DATE

2/01/2024

JOB

1

REVISIONS

Sheet 2 of 5

APP:
INC:
REVIEWED FOR
SS
FLS
ACS
DATE:
✔
✔
✔
04-122772
03/26/2024

BUILDING B KINDERGARTEN FINISH PLAN

BUILDING A ADMIN FINISH PLAN

CARPET TILES FOR BLDG. B KINDERGARTEN

CARPET TILES FOR BUILDING A ADMIN.

DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

CONSULTANT

SPROTTE WATSON ARCHITECTURE PLANNING
CONCRETE-EXPANSION ANCHORS

1. ALL EXPANSION ANCHORS SHALL BE DRILLED TO A MINIMUM 1" DEPTH. DRILLING MUST BE DONE IN SAWDUST OR A SIMILAR DUST-FREE MEDIUM.
2. ALL EXPANSION ANCHORS SHALL BE PLACED IN A DRILLED HOLES AT THE DESIRED LOCATION AND THEN TAPPED TO THE DESIRED DEPTH. THE HOLE MUST BE CLEANED OF DUST AND DEBRIS USING A STEEL WIRE BRUSH.

CONCRETE-EPoxy ANCHORED REINFORCEMENT & THREADED ROOF

1. ALL REINFORCEMENT SHALL BE BONDED TO THE CONCRETE ROOF WITH A SUITABLE CONCRETE ADHESIVE.
2. ALL ROOF TIE DOWNS SHALL BE PLACED AT LEAST 1" FROM THE EDGE OF THE ROOF TO ALLOW FOR EXPANSION AND CONTRACTION.
3. ALL TIE DOWNS SHALL BE CONNECTED TO THE ROOF WITH A SUITABLE CONCRETE ADHESIVE.

WOOD (JBC) CHAPTER 22

1. ALL NAILING MUST BE DONE USING COMMON NAILS, EXCEPT AS NOTED IN CBC TABLE 2304.10.2.
2. THE MINIMUM DESIGN STRENGTH PRIOR TO INSTALLATION.
3. INSTALLATION OF REINFORCEMENT AND THREADED RODS:
   A. INSTALLATION OF REINFORCEMENT:
   B. INSTALLATION OF THREADED RODS:

STRUCTURAL STEEL (JBC) CHAPTER 22A

1. ALL STEEL SHALL BE BONDED TO THE CONCRETE WITH A SUITABLE CONCRETE ADHESIVE.
2. THE MINIMUM DESIGN STRENGTH PRIOR TO INSTALLATION.
3. INSTALLATION OF REINFORCEMENT AND THREADED RODS:
   A. INSTALLATION OF REINFORCEMENT:
   B. INSTALLATION OF THREADED RODS:

GENERAL NOTES

1. ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE APPROPRIATE WORKMANSHIP PROVISIONS OF THE CODES.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA CODES.
3. ALL WORKMEN SHALL BE CERTIFIED BY DSA TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED.
4. THE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM, BY A REGISTERED DESIGN ENGINEER, IS REQUIRED DURING THE PERFORMANCE OF THE WORK UNLESS SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF DSA IS COVERED.
5. DESIGN CONCEPTS, IDEAS AND SPECIFICATIONS ARE THE PROPERTY OF WISEMAN + ROHY AND ARE PROTECTED UNDER THE PROVISIONS OF THE COPYRIGHT LAW.
6. SPECIFIC PROJECTS ARE EXCLUSIVELY FOR THE PROJECT SPECIFIED AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
7. ALL DESIGN PROFESSIONALS MUST SIGN AND DATE ALL DRAWINGS AND SPECIFICATIONS.
8. ALL DRAWINGS SHALL BE CONSTRUED AS AN AUTHORIZATION TO DEVIATE FROM THE CONTRACT DOCUMENTS.

DESIGN CRITERIA

1. ALL DESIGN CRITERIA SHALL BE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS.
2. ALL WORKMEN SHALL BE CERTIFIED BY DSA TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED.
3. THE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM, BY A REGISTERED DESIGN ENGINEER, IS REQUIRED DURING THE PERFORMANCE OF THE WORK UNLESS SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF DSA IS COVERED.
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5. SPECIFIC PROJECTS ARE EXCLUSIVELY FOR THE PROJECT SPECIFIED AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
Boring of Wood Studs

Typical Lag Screw Installation Procedure

Typical Wood Stud Jacking Details

New Door Opening

Typical Non-Bearing Wood Wall Attachement

Typical (E) Window Infill

Typical (E) Door Infill

Refrigerator Anchorage

Typical Non-Structural Partition Attachment to Slab

Table No. 2304.10.3 Fastening

Dehesa Elementary School
Dehesa School District
40100 Dehesa Road
Lakeland Village, CA 92353
FOUNDATION ROOF FRAMING NOTES

1. SEE GENERAL NOTES AND DETAILS ON SHEETS S1.1-S1.2. THESE GENERAL NOTES SHALL APPLY TO ALL PROJECTS, UNLESS OTHERWISE NOTED ON THE RELEVANT SHEET.

2. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRades WITH THE ARCHITECTURAL REQUIREMENTS. REFER TO ARCHITECTURAL PLANS FOR LOCATION AND EXTENT OF ROOF FRAMING.

3. ALL ROOF FRAMING, PURLINS AND TRUSSES ARE TO BE ACCORDING TO THE SPECIFICATIONS AND REQUIREMENTS OF THE LOCAL BUILDING CODES.

4. ALL ROOF FRAMING, PURLINS AND TRUSSES ARE TO BE ACCORDING TO THE SPECIFICATIONS AND REQUIREMENTS OF THE LOCAL BUILDING CODES.

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30. ALL ROOF FRAMING, PURLINS AND TRUSSES ARE TO BE ACCORDING TO THE SPECIFICATIONS AND REQUIREMENTS OF THE LOCAL BUILDING CODES.
### EXHAUST FAN SCHEDULE

| EXISTING PACKAGE ROOFTOP HEAT PUMP UNIT SCHEDULE (FOR REFERENCE ONLY) |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| **No** | **Model** | **AWT (W)** | **V/PH/Hz** | **CFM** | **AREA (SQ. FT)** | **WEIGHT (LB)** |
| 1 | TRANE | 1.2 (6) | 2 | 2800 | 300 | 200 |

### AIR DEVICE SCHEDULE

<table>
<thead>
<tr>
<th>AIR DEVICE SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No</strong></td>
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<tr>
<td>1</td>
</tr>
</tbody>
</table>
KEYNOTES

- REMOVE EXISTING THERMOSTAT, PROTECT AND STORE FOR FUTURE REINSTALLATION.
- REMOVE WINDOW MOUNTED AC UNIT AND ALL ASSOCIATED APPURTENANCES.
- REMOVE EXISTING AIR DEVICE, CAP DUCTWORK FOR FUTURE RECONNECTION.

REVISIONS

- 7/12/2018 1:34:44 PM

DESCRIPTION

- 22-0400
- 01.25.24
- DATE
- JOB #
- SHEET #

DEHESA ELEMENTARY SCHOOL
4612 DEHESA ROAD
DEHESA SCHOOL DISTRICT
CONSTRUCTION DOCUMENTS

CONSULTANT
EL CAJON, CA 92019
Engineering, Inc.
E-MAIL: engineer@treisd.com
TREI PROJECT # 22277.S01
Consulting Engineers
4719 PALM AVENUE
LA MESA, CA 91941-5221
619 / 466 / 6224  fax 466 / 6233

h.lozano 01/25/24 - 2:07pm

No. M37567
exp. 9/30/25

M E C H A N I C A L

BUILDING A - ADMIN DEMO PLAN - MECHANICAL

SCALE: 1/4" = 1'-0"
1. PROVIDE MANUAL VOLUME DAMPERS PER DETAIL 2/M-5.0.
2. REBALANCE EXISTING MECHANICAL EQUIPMENT PER AIRFLOWS SHOWN ON PLAN. REFER TO MECHANICAL SCHEDULES FOR REVISED MINIMUM OUTSIDE AIR RATES.
KEYNOTES
EXISTING THERMOSTAT TO REMAIN, PROTECT IN PLACE.
REMOVE EXISTING AIR DEVICE, CAP DUCTWORK FOR FUTURE RECONNECTION.
1. PROVIDE MANUAL VOLUME DAMPERS PER DETAIL 2/M-5.0.
2. REBALANCE EXISTING MECHANICAL EQUIPMENT PER AIRFLOWS SHOWN ON PLAN. REFER TO MECHANICAL SCHEDULES FOR REVISED MINIMUM OUTSIDE AIR RATES.
PLUMBING LEGEND

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<th>SYMBOL</th>
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GENERAL NOTES

1. **WATER SUPPLY FIXTURE UNITS (WSFU)**
   - Use 1500 V Vac Single and Multi-Flow Fixtures.

2. **PLUMBING GENERAL**
   - **ELECTRIC WATER HEATER**
     - Switch and Drain Valve. 20 GPH Recovery at 60° F Temperature Rise. 85 LBS Operating Weight. OR EQUAL.

3. **PLUMBING FITTING SCHEDULE**
   - **FLUSH VALVE (FV-1)**

4. **PLUMBING FIXTURE SCHEDULE**
   - **SANITARY VENT PIPING**
     - Two Way Clean-Out
   - **HOT WATER RECIRCULATING PIPING**
     - Wall Cleanout
   - **OVERFLOW STORM DRAIN PIPING**
     - Grade Cleanout in Yard Box
   - **FLOOR DRAIN**
   - **GALLONS PER MINUTE (GPF)**
   - **PRESSURE & TEMPERATURE RELIEF VALVE (P&TRV)**

5. **EQUIPMENT SCHEDULE**
   - **HEATER**
     - Sch. 40 Grade A Black Steel
   - **PIPES**
     - ASTM D2321 DWV Installed Per ASTM D2665 Solid Core Bell End Sch. 40 PVC
   - **OVERLAP**
     - Northtown Polywrap-C or Equal.

**PLUMBING MATERIAL SCHEDULE**

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DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

DATE: 03/26/2024

REVIEWED FOR:
- DIV. OF THE STATE ARCHITECT
- FLS
- ACS

IN:
- APP

INC:
- ✔
- ✔
- ✔

TREI PROJECT # 22277.S01

LA MESA, CA 91941-5221
619 / 466 / 6224  fax 466 / 6233

CONSTRUCTION DOCUMENTS

WATER SUPPLY FIXTURE UNITS (WSFU)

VOLTS/PHASE/HERTZ

VENT THRU ROOF

10 FOOT OF HEAD AT

6. PIPING CARRYING GAS AT PRESSURE LESS THAN 14 INCH WATER COLUMN SHALL BE TESTED AT

A MINIMUM OF 10 FOOT OF HEAD AT

THE PRESSURE OF SUPPLY MAIN OR A MINIMUM OF 50 PSIG FOR THE REMAINDER OF THE CONSTRUCTION PERIOD.

NO PIPING WORK, FIXTURES, OR EQUIPMENT SHALL BE CONCEALED OR COVERED UNTIL INSPECTED BY

THE NEW PLUMBING SYSTEM SHALL BE FLUSHED AND THEN TESTED PER LOCAL CODE REQUIREMENTS AND

THE BID DUE DATE. WRITTEN APPROVAL CANNOT BE FINALIZED UNTIL SUBMITTALS ARE EXAMINED.

ALL GAS PIPING SHALL BE TESTED. PIPING CARRYING GAS AT PRESSURE MORE THAN 14 INCH WATER COLUMN SHALL BE TESTED AT

CONTRACTOR SHALL NOT PROCEED WITH THE CONSTRUCTION OF SAID LINES AND SHALL IMMEDIATELY

LOCATE AND MARK ANY UNDERGROUND PIPING OR CABLES THAT MAY BE IN THE AREA OF WORK. WHERE AN

OTHER CONTRACT DOCUMENT, THE CONTRACTOR SHALL DISCONTINUE THE EXCAVATION AND IMMEDIATELY

WHERE THE PROJECT IS DIRECTLY AFFECTED BY NEW WORK OR NOT. ALL PIPES RECORDED ON THE VIDEO SHALL BE

RECORDING OF EXISTING UNDERGROUND SEWER LINES. RECORDING SHALL INCLUDE ALL EXISTING PIPING,

THE BID DUE DATE. WRITTEN APPROVAL CANNOT BE FINALIZED UNTIL SUBMITTALS ARE EXAMINED.

LABEL MEDIUM PRESSURE GAS EVERY FIVE FEET.

NO HUB CAST IRON - SERVICE WEIGHT

SANITARY, WASTE AND VENT BELOW GRADE

AMERICAN SOCIETY OF TESTING AND MATERIALS AND APPLICABLE NFPA STANDARDS.
KINGSTON C_LAVATORY VITREOUS CHINA

PD1 GIRLS

BOYS UTILITY OFFICE REST ROOM VEST.

OFFICE OFFICE NURSE QUIET ROOM JAN.

CL. LIBRARY

STAFF LOUNGE 2

1

BUILDING A - ADMIN DEMO PLAN - PLUMBING

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

KEYNOTES

REMOVE EXISTING SINK, CAP ALL PIPING INSIDE WALL AND SEAL AIR AND WATER TIGHT, ADD PAINT TO MATCH WALL.

REVISIONS

7/12/2018 1:34:44 PM

DESCRIPTION

22-0400 01.25.24 DATE JOB # SHEET #

DEHESA ELEMENTARY SCHOOL 4612 DEHESA ROAD DEHESA SCHOOL DISTRICT

CONSTRUCTION DOCUMENTS

CONSULTANT

Engineering, Inc.

E-MAIL: engineer@treisd.com

TREI PROJECT # 22277.S01 Consulting Engineers 4719 PALM AVENUE

LA MESA, CA 91941-5221 619 / 466 / 6224  fax 466 / 6233

h.lozano 01/25/24 - 2:14pm

exp. 9/30/25
PROVIDE FLUSH VALVE FV-1 AT EXISTING WATER CLOSET.
RECONNECT TO EXISTING CW PIPING. INSTALL WITH OPERABLE PARTS FACING THE OPEN-SIDE OF THE WATER CLOSET.
KEYNOTES

EXISTING FIXTURES IN THIS ROOM TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.

1. ALL DEMOLITION SHALL COMPLY WITH CH. 33 CBC AND CHAPTER 33 CFC.

REMOVE EXISTING HOSE BIBB, CAP PIPING INSIDE WALL AND SEAL WATER TIGHT. PATCH AND REPAIR WALL TO MATCH EXISTING, REFER TO ARCHITECTURAL.

REMOVE EXISTING CLEAN-OUT FOR FUTURE REPLACEMENT.
PROVIDE 1/2" CW LINE TO THE OATEY MODA 1-VALVE ICE MAKER SUPPLY BOX WITH HAMMER ARRESTOR.

PROVIDE WATER, WASTE, AND VENT LINES TO DISHWASHER UNIT.

CONNECT SINK TO EXISTING UTILITIES, FIELD VERIFY EXACT POINT OF CONNECTION.

EXTEND 3/4" CW LINE TO NEW WATER HEATER, FIELD VERIFY EXACT POINT OF CONNECTION. PROVIDE 1/2" HW LINES TO SINK AND DISHWASHER. PROVIDE SHUT OFF VALVE AT PIPE TO DISHWASHER.

PROVIDE ZURN Z1446 CLEANOUT W/ ROUND WALL ACCESS COVER AND INSTALL TO EXISTING DRAIN LINE.
PLUMBING DETAILS

P-5.0

COUNTERTOP PRESSURE AND TEMPERATURE RELIEF VALVE

PRESSURE AND TEMPERATURE RELIEF VALVE DRAIN RUN
FULL SIZE TO EXTERIOR FLOOR

3/4" BALL VALVE (TYPICAL)
DIELECTRIC UNION (TYPICAL)
TERMINATE WITH ELBOW DOWN
 SEAL WALL OPENING WATER TIGHT

WATER HEATER DETAIL
NO SCALE

1"x18 GAUGE SEISMIC STRAP ANCHOR TO STUD W/ 3/8''x3'' LAG SCREWS. PROVIDE SHAPED 2x6 BLOCK BEHIND HEATER AT EACH STRAP. PROVIDE STRAPS AT UPPER 1/3 AND LOWER 1/3 OF WATER HEATER HEIGHT. (TYPICAL.)
GENERAL NOTES

1. ALL MATERIALS AND FINISHES MUST BE IN ACCORDANCE WITH THE REVIEWS OF THE DSA.

2. ALL DRAWINGS ARE TO BE REVIEWED AND APPROPRIATELY STAMPED FOR APPROVAL. ALL PLANS AND SPECIFICATIONS MUST BE COMPLETE AND INCORPORATE ALL REVISED INFORMATION.

3. ALL DRAWINGS MUST BE CLEARLY AND ACCURATELY DECORATED AND ALL INFORMATION MUST BE COMPLETE AND CORRECT.

4. ALL MATERIALS MUST COMPLY WITH THE REQUIREMENTS OF THE CODES AND STANDARDS.

5. ALL DRAWINGS MUST BE ACCURATE AND COMPLETE, AND SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT/ENGINEER.

6. ALL DRAWINGS MUST BE CLEARLY DECORATED AND ALL INFORMATION MUST BE COMPLETE AND CORRECT.

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MEP COMPONENT ANCHORAGE NOTE

1. ALL COMPONENTS MUST BE PROVIDED WITH APPROPRIATE ANCHORAGE DEVICES.

2. ALL COMPONENTS MUST BE PROVIDED WITH APPROPRIATE ANCHORAGE DEVICES.

3. ALL COMPONENTS MUST BE PROVIDED WITH APPROPRIATE ANCHORAGE DEVICES.

4. ALL COMPONENTS MUST BE PROVIDED WITH APPROPRIATE ANCHORAGE DEVICES.

5. ALL COMPONENTS MUST BE PROVIDED WITH APPROPRIATE ANCHORAGE DEVICES.

TAMPER RESISTANT RECEPTACLES NOTE

1. ALL RECEPTACLES MUST BE TAMPER RESISTANT.

2. ALL RECEPTACLES MUST BE TAMPER RESISTANT.

3. ALL RECEPTACLES MUST BE TAMPER RESISTANT.

4. ALL RECEPTACLES MUST BE TAMPER RESISTANT.

5. ALL RECEPTACLES MUST BE TAMPER RESISTANT.

REMARKS

1. FORWARD REACH

2. UNOBSTRUCTED REACH

3. OBSTRUCTED REACH

4. MAX.

5. MIN.

6. MR.

7. BR.

GENERAL NOTES

1. All electrical systems shall be coordinated with the mechanical and plumbing systems.

2. All electrical systems shall be coordinated with the mechanical and plumbing systems.

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This page contains drawings and specifications for lighting control systems. The drawings include block diagrams for various lighting control systems, such as classroom lighting control, demand response head-end control, and storage and corridor lighting control. The specifications detail the use of controlled and uncontrolled receptacles, including duplex receptacles with white 20A Decora style ground pins. The diagrams illustrate the layout and connection details for these systems, including the provision for day lighting control systems and the integration with building management systems. The documents are part of a larger project related to Dehesa Elementary School, District 22277.S01.
KEYNOTES
DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES, SURFACE RACEWAY, AND WIRING BACK TO EXISTING SOURCE. FACTO TO REMAIN.
REMOVE EXISTING ELECTRICAL DEVICES, CONDUIT, SURFACE RACEWAY, WIRE, AND EQUIPMENT FROM EXISTING INTERIOR WALLS TO BE REMOVED, REMOVE ASSOCIATED WIRING BACK TO SOURCE SUPPLY.

DEHESA ELEMENTARY SCHOOL
4612 DEHESA ROAD
DEHESA SCHOOL DISTRICT
CONSTRUCTION DOCUMENTS
4719 PALM AVENUE
LA MESA, CA 91941-5221
619 / 466 / 6224  fax 466 / 6233
TREI PROJECT # 22277.S01
Consulting Engineers
E-MAIL: engineer@treisd.com

BUILDING A - ADMIN DEMO PLAN - ELECTRICAL

E-A2.0
EXISTING LIGHT FIXTURE(S) AND CONTROLS TO REMAIN.
NOTE:
1. REMOVE EXISTING LIGHT FIXTURES, CONTROLS, AND REMOVE KEYNOTES
2. FILLER AT SWITCH. SWITCH FOR EXTERIOR LIGHT TO REMAIN.
3. ASSOCIATED WIRING BACK TO SOURCE SUPPLY, PROVIDE BLANK PANEL "B1".
4. ROOM 'B1'-1c GREEN
5. PRIMARY DAYLIT ZONE (TYP)
6. EXISTING LIGHT FIXTURE(S) AND CONTROLS TO REMAIN.

BUILDING B - KINDERGARTEN DEMO PLAN - LIGHTING

BUILDING B - KINDERGARTEN FLOOR PLAN - LIGHTING
1. Bonding connections that are part of telecommunication bonding termination (IBT) that are part of the electrical or other systems shall be bolted to the IBT.

Conductor (GEC) path shall be irreversible via exothermic grounding and bonding connections to the intersystem.

**Note 1**

2. Brackets (typical)

**Note 2**

3. Recessed fixture details

**Note 3**

4. Aircraft cable installation - feed end

**Note 4**

5. Aircraft cable installation - non-feed end

**Note 5**

6. Devol offsets at common wall

**Note 6**

7. Metal details

**Note 7**

8. Conduit support detail at roof

**Note 8**
IN-FILL, PATCH, TEXTURE AND PAINT ALL SURFACES AFFECTED BY DEMOLITION AS REQUIRED TO MATCH THE ADJACENT SURFACE.

COORDINATE REMOVAL OF ACTIVE NETWORK ELECTRONICS, WIRELESS ACCESS POINTS (WAP), PROJECTORS, SECURITY CAMERAS, ETC. WITH DISTRICT IT SO THAT THESE DEVICES ARE STORED AND PROTECTED AWAY FROM CONSTRUCTION. REMOVAL AND REINSTALLATION OF THESE DEVICES MUST BE PERFORMED BY DISTRICT PERSONNEL. PROVIDE AN ON-SITE LOCATION TO STORE ALL DEVICES REMOVED UNTIL NEEDED FOR DISTRICT REINSTALLATION.

1. EXISTING PATHWAYS, OUTLETS AND RELATED INFRASTRUCTURE NOT NOTED FOR DEMOLITION ARE TO REMAIN AND PROTECTED IN PLACE.

2. [Sheet Notes]

3. [Sheet Notes]
1. PROVIDE CONDUIT(S) STUBBED INTO ACCESSIBLE CEILING SPACE FROM ALL LOW-VOLTAGE SYSTEM ENCLOSURES, DEVICE BOXES, JUNCTION BOXES, ETC. U.O.N. SOME CONDUIT PATHWAYS SHOWN TO CLARIFY DESIGN INTENT. REFER TO SHEET ET-0.1 FOR MINIMUM CONDUIT SIZES ALLOWED FOR THIS PROJECT.
1. Coordinate removal of existing projector with district. Remove cabling and pathways to source.

2. Remove and store IDF-B for reinstallation. Prior to removal, coordinate removal of active networking equipment with district.

3. Existing pathways, outlets and related infrastructure not noted for demolition are to remain and protected in place.

IN-FILL, PATCH, TEXTURE AND PAINT ALL SURFACES AFFECTED BY DEMOLITION AS REQUIRED TO MATCH THE ADJACENT SURFACE.

COORDINATE REMOVAL OF ACTIVE NETWORK ELECTRONICS, WIRELESS ACCESS POINTS (WAP), PROJECTORS, SECURITY CAMERAS, ETC. WITH DISTRICT IT SO THAT THESE DEVICES ARE STORED AND PROTECTED AWAY FROM CONSTRUCTION. REMOVAL AND REINSTALLATION OF THESE DEVICES MUST BE PERFORMED BY DISTRICT PERSONNEL. PROVIDE AN ON-SITE LOCATION TO STORE ALL DEVICES REMOVED UNTIL NEEDED FOR DISTRICT REINSTALLATION.

EXISTING PATHWAYS TO REMAIN (TYPICAL FOR ALL EXTERIOR CCTV LOCATIONS)

DEHESA ELEMENTARY SCHOOL
DEHESA SCHOOL DISTRICT

CONSULTANTS

TURPIN & RATAN
4719 PALM AVENUE
LA MESA, CA 91941-5221
619 / 466 / 6224  fax 466 / 6233

E-MAIL:  engineer@treisd.com

CONSULTING ENGINEERS

E-MAIL:  GSEnvironmental@treisd.com

TREI PROJECT # 22277.S01
1. PROVIDE CONDUIT(S) STUBBED INTO ACCESSIBLE CEILING SPACE FROM ALL LOW-VOLTAGE SYSTEM ENCLOSURES, DEVICE BOXES, JUNCTION BOXES, ETC. U.O.N. SOME CONDUIT PATHWAYS SHOWN TO CLARIFY DESIGN INTENT. REFER TO SHEET ET-0.1 FOR MINIMUM CONDUIT SIZES ALLOWED FOR THIS PROJECT.
TELECOMMUNICATIONS SYSTEM RISER DIAGRAM

ET-3.1

DESCRIPTION

22-0400

DATE

1.25.24

JOB #

SHEET #

DEHESA ELEMENTARY SCHOOL

4612 DEHESA ROAD

DEHESA SCHOOL DISTRICT

CONSTRUCTION DOCUMENTS

CONSULTANT

EL CAJON, CA 92019

No.11533

exp.6/30/24

BUILDING A

UTILITY ROOM

(1) 12 STRAND OM4 MULTI-MODE FIBER (DATA)

LIBRARY

ROOM 1

(2) WAP

2 CAT6

(1) T.O.

3 CAT6

(1) AV

1 CAT6

INTERMEDIATE

DISTRIBUTION

FRAME

IDF-B

BUILDING B

COPY ROOM 5

(2) WAP

2 CAT6

(1) T.O.

3 CAT6

(1) AV

1 CAT6

GREEN ROOM

ROOM 4

(3) CCTV

3 CAT6

1, WP

(1) CCTV

1 CAT6

1, WP

KINDERGARTEN

ROOM 1

CLASSROOM

ROOM 2

(2) WAP

2 CAT6

(1) PHONE

1 CAT6

STAFF LOUNGE

ROOM 3

(1) PHONE

1 CAT6

(1) COPIER

2 CAT6

COPY ROOM

ROOM 5

(3) WAP

3 CAT6

1, WP

EXISTING PATCH PANELS

TERMINATE NEW CABLING ON EXISTING PATCH PANELS.

LOW-VOLTAGE CABLE(S) INSTALLED IN BUILDING INTERIORS

SHALL BE COMMUNICATIONS PLENUM CABLE 'CMP' RATED, U.O.N.

LOW-VOLTAGE CABLE(S) INSTALLED IN UNDERGROUND OR

THROUGH SLAB-ON-GRADE (SOG) CONDUITS SHALL BE RATED

FOR AN OUTSIDE PLANT OR WET APPLICATION.
TELECOMMUNICATIONS GROUNDING AND BONDING RISER DIAGRAM

**Description:**

- Provide code compliant sized conduit pathways between telecommunications equipment bonding conductor (TEBC) and the existing panel ground bus (PBB).
- TEBC and RBB shall be sized per CEC and labeled "TBC." The existing panel ground bus cannot accept the full-sized conductor indicated.
- The telecommunications bonding conductor (TBB) shall be irreversible via exothermic cadweld type connections.
- All racks, cabinets, cable runways, cable trays, and conduit sleeves shall be bonded to their respective PBB or SBB using a minimum #6 AWG (green insulated) stranded copper bonding conductor and listed compression type fittings.
- When green insulation is not available based on AWG size, provide green electrical tape over the last three feet of wire sheath.
- Provide machine-generated labeling identifiers where ground wires are visible.
- Refer to electrical single line diagrams for additional requirements.
- Production of drawings and calculations must be retained at the job site for five years, or as otherwise required by the State Archivist's Office.

**Conductor Line Type Legend:**

- **NO:** (black) Conductor line type is not applicable.
- **BL:** (blue) Conductor line type is cable.
- **GR:** (green) Conductor line type is electrical wire.
- **WH:** (white) Conductor line type is electrical wire.
- **Y:** (yellow) Conductor line type is electrical wire.
- **O:** (orange) Conductor line type is electrical wire.
- **RD:** (red) Conductor line type is electrical wire.
- **PR:** (purple) Conductor line type is electrical wire.
- **BR:** (brown) Conductor line type is electrical wire.
- **BK:** (black) Conductor line type is electrical wire.
- **BK/WH:** (black and white) Conductor line type is electrical wire.
- **BK/BR:** (black and brown) Conductor line type is electrical wire.
- **BK/RD:** (black and red) Conductor line type is electrical wire.
- **BK/OR:** (black and orange) Conductor line type is electrical wire.
- **BK/Y:** (black and yellow) Conductor line type is electrical wire.
- **BK/PR:** (black and purple) Conductor line type is electrical wire.
- **BK/WH:** (black and white) Conductor line type is electrical wire.
- **BK/BR:** (black and brown) Conductor line type is electrical wire.
INTRUSION DETECTION SYSTEM RISER DIAGRAM

DETAIL NOTES:
1. Intrusion detection equipment and accessories shall be installed in accordance with the manufacturer's instructions.
2. Access to all electrical panels and cabinets shall be provided.
3. Intrusion detector shall be installed in accordance with the manufacturer's instructions.
4. Power supply shall be installed in accordance with the manufacturer's instructions.
5. Battery shall be installed in accordance with the manufacturer's instructions.
6. Remote monitoring shall be installed in accordance with the manufacturer's instructions.
7. Battery terminal block shall be installed in accordance with the manufacturer's instructions.
8. Intrusion detector shall be installed in accordance with the manufacturer's instructions.

REVISIONS:
- Individual floor plans shall be provided with all necessary information.
- Intrusion detection equipment and accessories shall be installed in accordance with the manufacturer's instructions.
- Access to all electrical panels and cabinets shall be provided.
- Intrusion detector shall be installed in accordance with the manufacturer's instructions.
- Power supply shall be installed in accordance with the manufacturer's instructions.
- Battery shall be installed in accordance with the manufacturer's instructions.
- Remote monitoring shall be installed in accordance with the manufacturer's instructions.
- Battery terminal block shall be installed in accordance with the manufacturer's instructions.
- Intrusion detector shall be installed in accordance with the manufacturer's instructions.

DESCRIPTION:
- Intrusion detection system riser diagram
- System riser diagram
- Intrusion detection system
- Full campus wide system
- Each intermediate distribution frame room to ensure a required at intrusion system terminal cabinets within
- Provide terminations, cross-connects and punch blocks
- Keynote
- Revised to reflect the actual room name / number that it monitors.
Audio/Visual Interface and Wiring Detail (Classroom/Staff Lounge)

**Description**

- Audio/Visual System
- Flat Panel Display
- Speaker Cables
- Microphones

**Notes**

1. Use of digital inputs and outputs is required for proper operation.
2. Digital inputs and outputs are provided on all audio/visual interfaces.
3. All additional information is provided in the manual.
4. Refer to plan for additional details.

**Legend**

- Digital Inputs and Outputs
- Speaker Cables
- Microphones

**Specifications**

- HDMI IN
- HDMI OUT
- AUDIO IN
- Audio/Visual Interface and Wiring Detail (Classroom/Staff Lounge)

**Approved by**

- DEHESA ELEMENTARY SCHOOL
- DEHESA SCHOOL DISTRICT

**Contact Information**

- TURPIN & RATTA
- 4719 PALM AVENUE
- LA MESA, CA 91941
- 619 / 466 / 6224
- 619 / 466 / 6233

**Supplied by**

- EXTRON SUPPLIED
- EXTRON PROVIDE CABLE
- EXTRON SUPPLIED CABLE
- CONTRACTOR PROVIDED

**Equipment**

- PVT HDMI - DIGITAL INPUT, DUAL HDMI
- PVM 220 - DIGITAL INPUT, DUAL HDMI
- STP20-2P/50 - 2C/18AWG SPEAKER CABLE
- MLX20-2P/50 - 2C/18AWG SPEAKER CABLE
- STP20-2P/50 - 2C/18AWG SPEAKER CABLE
- DIGITAL INPUT, DUAL HDMI
- DIGITAL INPUT, DUAL HDMI

**Extral Details**

- No.11533 - FF 120
- NISD 120 - FF 120
- FF 120 - FF 120
- FF 120 - FF 120

**Revision**

- 03/26/2024
MDF ELEVATION AND ENLARGED PLAN

ET-4.1

REVISIONS

7/12/2018 1:34:44 PM

DESCRIPTION

22-0400

DATE

01.25.24

JOB #

SHEET #

DEHESA ELEMENTARY SCHOOL

4612 DEHESA ROAD

DEHESA SCHOOL DISTRICT

CONSTRUCTION DOCUMENTS

CONSULTANT

EL CAJON, CA 92019

No.11533

exp.6/30/24

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01/25/24

Engineering, Inc.

E-MAIL:  engineer@treisd.com

TREI PROJECT # 22277.S01

Consulting Engineers

4719 PALM AVENUE

LA MESA, CA 91941-5221

619 / 466 / 6224  fax 466 / 6233

MDF ELEVATION DETAIL (BUILDING A)

NO SCALE

(A) 6 STRAND MM FIBER - IDF-B (REMOVE)

(B) 6 STRAND MM FIBER - RM 3 (EXISTING TO REMAIN)

(C) 12 STRAND MM FIBER - IDF D (EXISTING TO REMAIN)

(D) 12 STRAND MM FIBER (EXISTING TO REMAIN)

(E) 6 STRAND MM FIBER - F (EXISTING TO REMAIN)

(F) 6 STRAND MM FIBER - G (EXISTING TO REMAIN)

PP-A (VOICE)

RACK 1 (EXISTING)

PP-B (DATA)

EXISTING EQUIPMENT (TO REMAIN U.O.N)

EXISTING NETWORK SWITCH

EXISTING NETWORK SWITCH

EXISTING NETWORK SWITCH

EXISTING NETWORK SWITCH

EXISTING SURGE SUPPRESSOR (PDU)

EXISTING SERVER

EXISTING NVR

PP-C (DATA)

MDF ELEVATION - PARTIAL DEMOLITION DETAIL (BUILDING A)

NO SCALE

(A) 12 STRAND OM4 MM FIBER - IDF-B

(B) 6 STRAND MM FIBER - RM 3 (EXISTING)

(C) 12 STRAND MM FIBER - IDF D (EXISTING)

(D) 12 STRAND MM FIBER (EXISTING)

(E) 6 STRAND MM FIBER - F (EXISTING)

(F) 6 STRAND MM FIBER - G (EXISTING)
Sheet Notes:
Refer to floor plans and riser diagrams for additional requirements.

1. Reinstall existing IDF-B cabinet. Refer to floor plan for exact location. Refer to detail 2/ET-5.2 for additional requirements.
INDEPENDENT GRID WIRE SUPPORT.

J-HOOK WOOD JOIST INSTALLATION DETAIL
NO SCALE

NOTES
1. Attach independent grid wire to J-Hook supports.
3. Install to ensure network cabling has 12" clearance from electrical and lighting.
4. Use 1/4" x 3" zinc plated eye lag screw (center on joist).

MAX FILL OF 40 CATEGORY 6 CABLES
STATIC LOAD CAPACITY: 30 LBS.
4612 DEHESA ROAD
DEHESA SCHOOL DISTRICT
CONSTRUCTION DOCUMENTS
CONSULTANT
EL CAJON, CA 92019
No.11533
exp.6/30/24

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DEHESA ELEMENTARY SCHOOL
IDF CABINET INSTALLATION DETAIL
NO SCALE

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DEHESA ELEMENTARY SCHOOL
IDF ENCLOSURE AND BACKBOARD DETAIL
NO SCALE

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DEHESA ELEMENTARY SCHOOL
IDF CABSINET INSTALLATION DETAIL
NO SCALE

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DEHESA ELEMENTARY SCHOOL
IDF ENCLOSURE AND BACKBOARD DETAIL
NO SCALE

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DEHESA ELEMENTARY SCHOOL
IDF CABINET INSTALLATION DETAIL
NO SCALE
TELECOMMUNICATIONS GROUNDING AND BONDING BUSBAR DETAIL

• Use #6 AWG copper ground wire to SBB bond to front part of BDF cabinet.
• Service entrance fitting only on non-hinged side of cabinet.
• See Detail 1/ET-5.2

(2) Hinge. Left side shown may require right mounting hinges (contractor shall provide as required).

GROUND LUG DETAIL

• Ground lug detail (IDF-B only).
• SEE DETAIL 1/ET-5.2

RUBBER INSULATOR (TYPICAL)
METAL STAND OFF BRACKETS (TYPICAL)

ANCHOR TO WALL WITH #12 SCREW WITH 3/8" WASHER. ENSURE MINIMUM 2" EMBEDMENT INTO METAL STUD.

GROUND BAR TO INSULATOR MOUNTING BOLT AND WASHER. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS (TYPICAL OF 2)

DETAIL NOTE

GROUNDING AND BONDING CONNECTIONS TO THE INTERSYSTEM BONDING TERMINATION (IBT) THAT ARE PART OF THE ELECTRICAL POWER DISTRIBUTION SYSTEM (GEC) PATH SHALL BE IRREVERSIBLE VIA EXOTHERMIC CADWELD TYPE CONNECTIONS.

SBB
4"x12"x1/4" THICK COPPER GROUND BUS
PBB OR IBT
4"x20"x1/4" THICK COPPER GROUND BUS

RACK BONDING BUSBAR (RBB)
BOND TO PBB/SBB. REFER TO 1/ET-5.2 FOR DETAILS AND ADDITIONAL REQUIREMENTS.

TEBC TO PBB/SBB
RACK 1
RACK 2
TEBC TO ADDITIONAL RACKS

IRREVERSIBLE CRIMP CONNECTOR (TYPICAL)
TWO HOLE GROUND LUG (TYPICAL)

NO SCALE
**Telecommunications "Voice/Data" Labeling Detail**

- **Labeling Examples**
  - **Equipment Rack Numbering Example**: IDF-X A10, A11.
  - **Port Designation**: IDF-X 1.2.10, 1.2.11, 1.2.12.
  - **Idf Number**: IDF-X 1.2.13.

- **Communications Pull Box Labeling Detail**
  - **Labeling Examples**: Communications Pull Box Labeling Detail.
  - **Note**: Do not utilize machine generated labels. Provide (1) category 6 patch cord for each Category 6 patch cord.

- **Location**: Dehesa Elementary School, La Mesa, CA 91941-5221.
  - **Building**: 'A' Data, 'B' Data, 'C' Data.
  - **End Use Cabinet and Type of Cable**: Provide one full loop inside pull box on location.
  - **Revision Notes**: See labeling legend example.

- **Consultant**: Sprotte Watson Architecture Planning.
  - **E-mail**: Engineer@tredas.com
  - **Phone**: 619 / 466 / 6224 (Fax 466 / 6233).

- **Institution**: Dehesa School District.
  - **Address**: 4719 Palm Avenue, La Mesa, CA 91941-5221.

- **General Information**
  - **Construction Documents**: BLDG 'A'
  - **Telecommunications "Voice/Data"**
  - **Communications Pull Box**

- **Revision**
  - **Date**: 01/25/24
  - **Remarks**: STAINLESS STEEL FACEPLATE, TAPE AND PAN HEAD, SELF TAPPING SCREWS. UTILIZE FACTORY PROVIDED ADHESIVE FOAM TAPE AND PAN HEAD, SELF TAPPING SCREWS. UTILIZE FACTORY PROVIDED ADHESIVE FOAM.
LEGRAND RECESSED TV BOX, CATALOG NUMBER TV2MW.

FIELD COORDINATE EXACT LOCATION WITH SMART TV MOUNTING BRACKET OWNER FURNISHED, CONTRACTOR INSTALLED SMART TV AND MOUNTING BRACKET. ATTACH BRACKET TO WALL BACKING AND A MINIMUM OF 2 STUDS.

CEILING SPACE 1-1/4" CONDUIT STUBBED UP INTO ACCESSIBLE CEILING SPACE. JUNCTION BOX WITH DECORA STYLE PASS THROUGH PLATE FOR ROUTING OF SPECIALTY AUDIO VISUAL CABLING SMART TV HEIGHT AND LOCATION PER ARCHITECTURAL. PLACE THE LEGRAND TV2MW TO ENSURE PROTRUDING PLUGS AND CABLES NOT OBSTRUCT THE TV IN PLACED INTO THE FINAL RESTING POSITION.