COVER SHEET
AP1.0
FOR BLUEBEAM LABELING/OCR:

0"
1"

# MENLO PARK FIRE STATION NO. 01

## MENLO PARK FIRE PROTECTION DISTRICT

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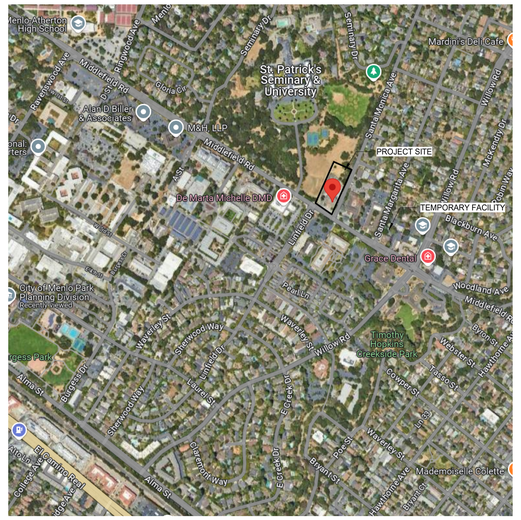
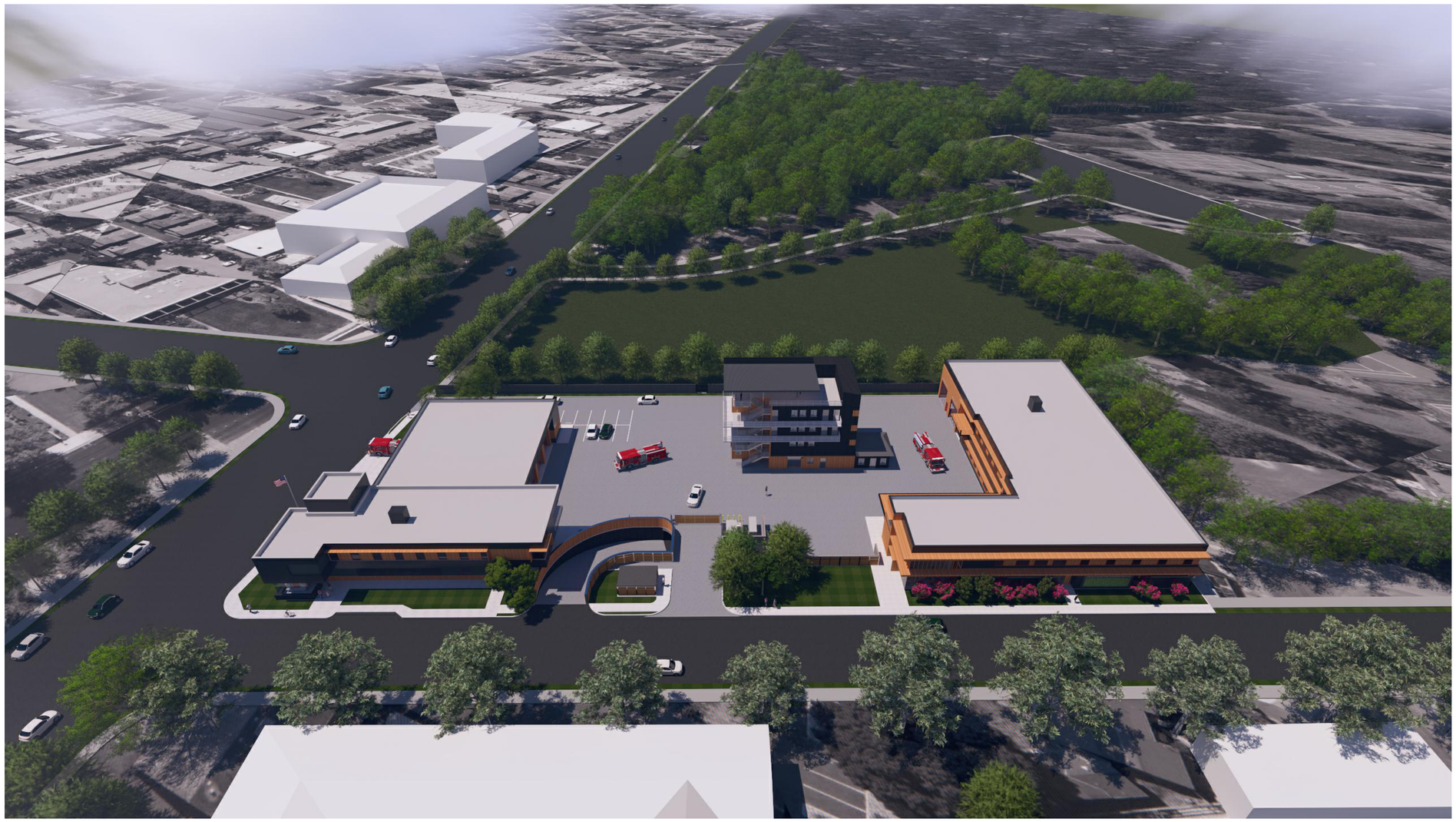
### VICINITY PLAN

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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**COVER SHEET**

**AP1.0**

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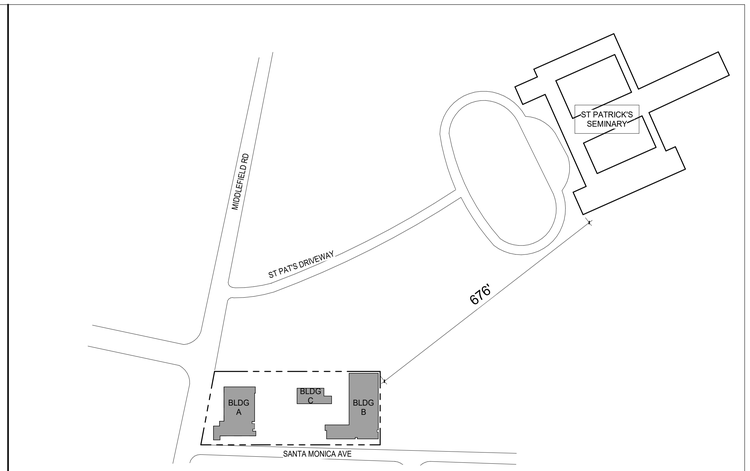
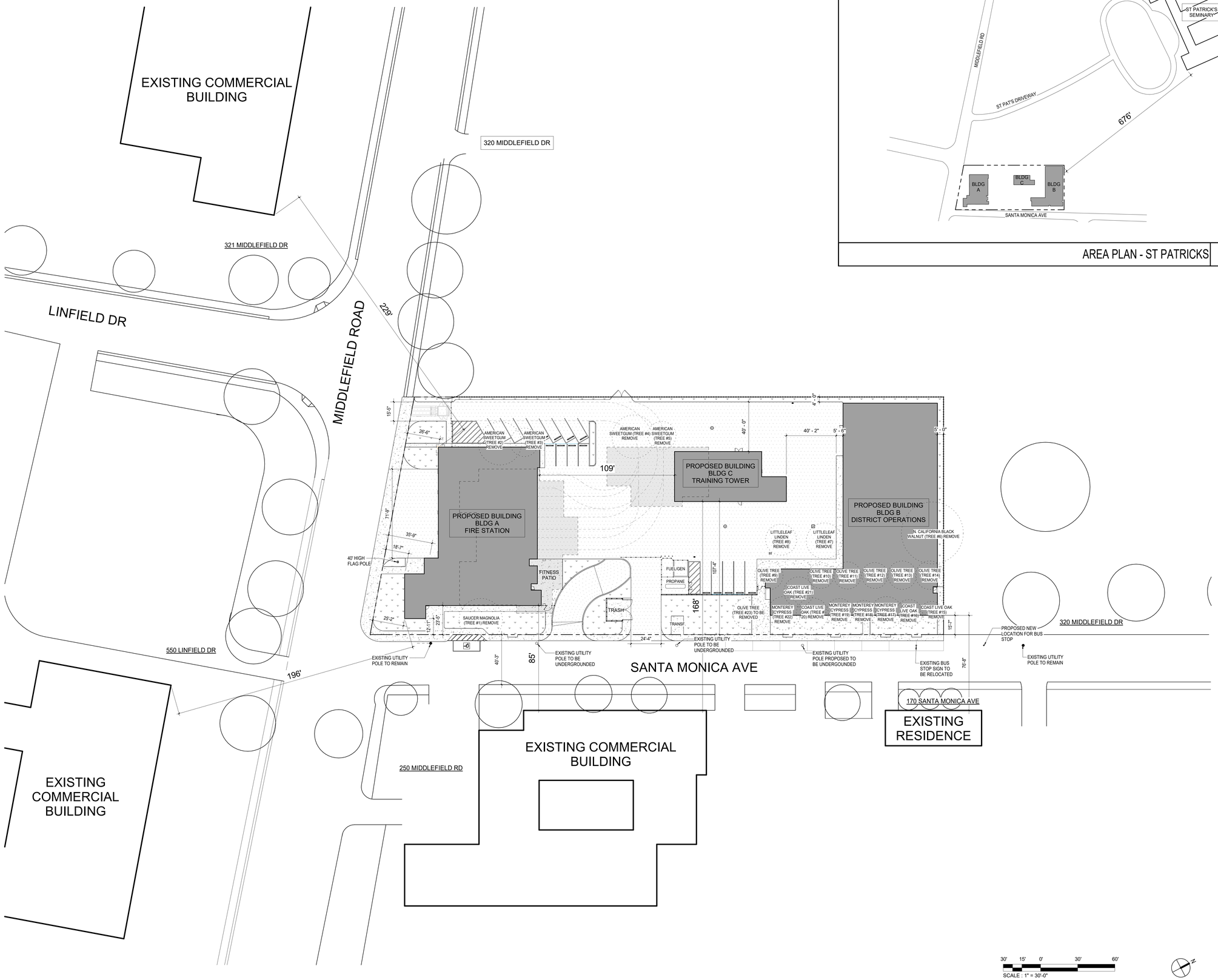
PLOT STAMP:
8/12/2025 3:03:18 PM

AREA PLAN
AP1.1
FOR BLUEBEAM LABELING/OCR:

0"
1"




AREA PLAN - ST PATRICKS | 1" = 160'-0" | 2




AREA PLAN | 1" = 30'-0" | 1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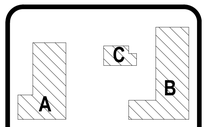


KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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**AREA PLAN**

**AP1.1**

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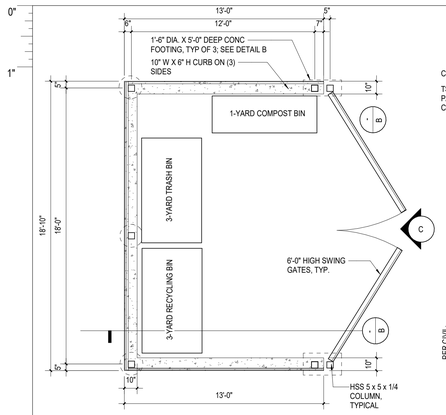
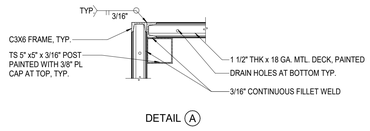
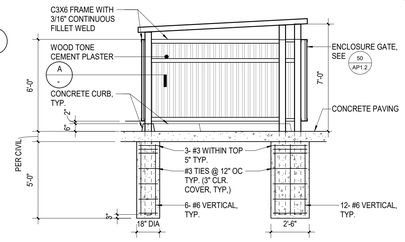
SITE PLAN
AP1.2
FOR BLUEBEAM LABELING/OCR:



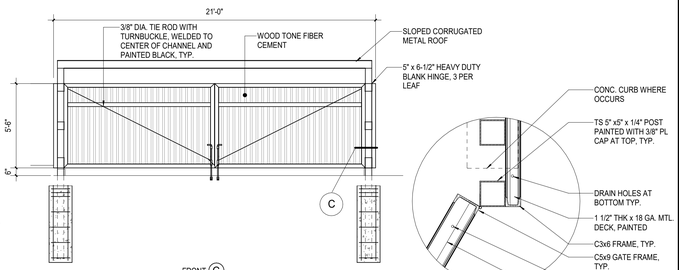

PLAN



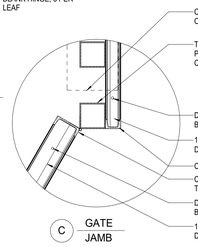

DETAIL (A)

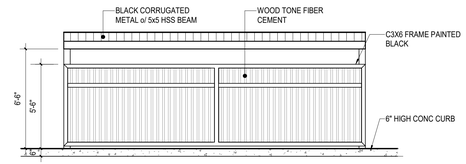



DETAIL (B)



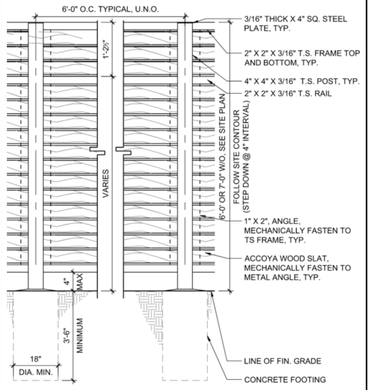

FRONT (C)




BACK ELEVATION

| TRASH ENCLOSURE | 1/4" = 1'-0" | 3 |
|---|---|---|




| FENCING | 1/4" = 1'-0" | 2 |
|---|---|---|

## SITE ANALYSIS

LOT AREA = 85,285 SF -> 1.96 ACRES

FAR: 52,624 / 85,285 SF = 0.6183 = 61.7

BUILDING COVERAGE : 29,503.8 / 85,285 = 34.6%

IMPERVIOUS AREAS: 77,700 / 85,285 = 91%

PERVIOUS AREAS: 7,585 / 85,285 = 9%

PARKING STALLS

| | |
|---|---|
| UNCOVERED STANDARD = | 17 (4 EV + 13 STANDARD = 17) |
| COVERED = | 0 |
| EV CHARGING STALL = | 4 |
| ACCESSIBLE STALLS = | 1 ACCESSIBLE STALL |
| TOTAL = | 18 |

## UNDERGROUND PARKING

PARKING STALLS

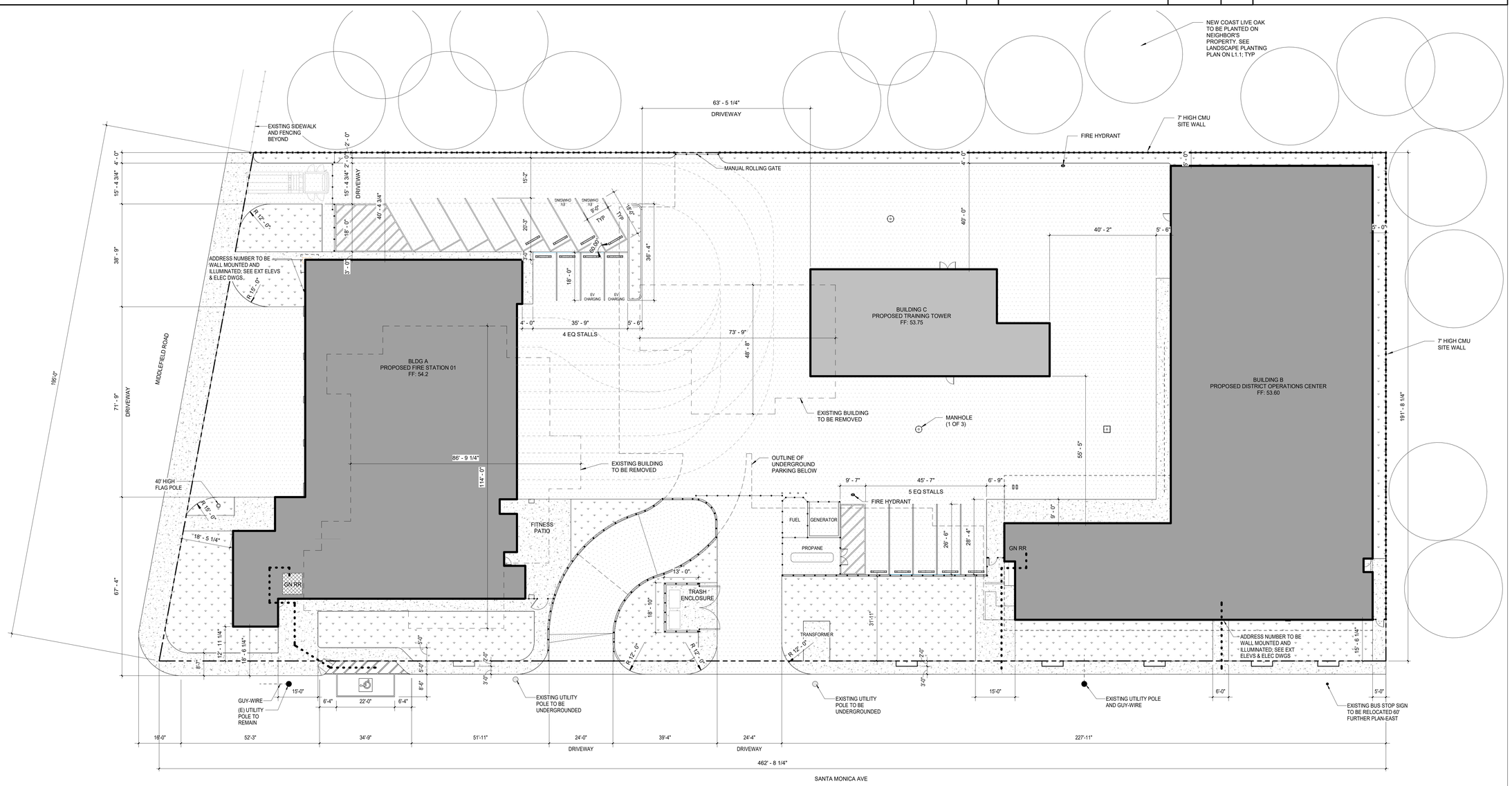
| | |
|---|---|
| UNCOVERED = | 0 |
| COVERED STANDARD = | 73 (52 STANDARD + 21 STANDARD EV = 73) |
| EV CHARGING STALLS = | 22 (21 STANDARD EV + 1 ACCESSIBLE EV = 22) |
| ACCESSIBLE STALLS = | 3 (1 VAN ACCESSIBLE STALL) |
| TOTAL = | 76 |

PAVED AREA : 36,781.6 SF

**TOTAL PARKING STALLS = 94 STALLS ( 18 ABOVE GROUND + 76 UNDERGROUND)**
**TOTAL PARKING STALLS TO BE EV CAPABLE = 26**
**(PER MENLO PARK MUNICIPAL CODE SECTION 5.106.3)**

## LEGEND

- FENCELINE; SEE 2/
- 7' HIGH CMU WALL; SEE 4 / AP1.4 AND 5 / AP1.4
- CONCRETE (WALK WAY)
- CONCRETE (DRIVEWAY)
- LANDSCAPED AREA; SEE LANDSCAPE DWGS




| SITE PLAN | 1/16" = 1'-0" | 1 |
|---|---|---|

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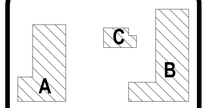
CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

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DRAWING HISTORY

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|---|---|---|
| | | |

**PLANNING DEPARTMENT SUBMITTAL**
BUILDING NUMBER

**SITE PLAN**

# AP1.2

SITE PLAN - UNDERGROUND PARKING GARAGE
AP1.3
FOR BLUEBEAM LABELING/OCR:

0"
1"

## OCCUPANT LOAD :

OCCUPANCY TYPE : S-2
SQUARE FOOTAGE: 33,459 SF

33,459 SQFT / 200 OCC PER SQ = 168 OCCUPANTS

STAIRWAY WIDTH REQUIREMENT PER CBC 1005.3.1 = .2" X 168 OCCUPANTS = 50.4"

STAIRWAY WIDTH PROVIDED =
STAIR 1 = 48" WIDE
STAIR 2 = 48" WIDE

## SITE ANALYSIS

LOT AREA = 85,285 SF -> 1.96 ACRES

FAR: 52,624 / 85,285 SF = 0.6183 = 61.7

BUILDING COVERAGE : 29,503.8 / 85,285 = 34.6%

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PERVIOUS AREAS: 7,585 / 85,285 = 9%

PARKING STALLS
UNCOVERED STANDARD = 17 (4 EV + 13 STANDARD = 17)
COVERED = 0
EV CHARGING STALL = 4
ACCESSIBLE STALLS = 1 ACCESSIBLE STALL
TOTAL = 18

## UNDERGROUND PARKING

PARKING STALLS
UNCOVERED = 0
COVERED STANDARD = 73 (52 STANDARD + 21 STANDARD EV = 73)
EV CHARGING STALLS = 22 (21 STANDARD EV + 1 ACCESSIBLE EV = 22)
ACCESSIBLE STALLS = 3 (1 VAN ACCESSIBLE STALL)
TOTAL = 76

PAVED AREA : 36,781.6 SF

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## LEGEND

- FENCELINE; SEE 2/
- 7' HIGH CMU WALL; SEE 4 / AP1.4 AND 5 / AP1.4
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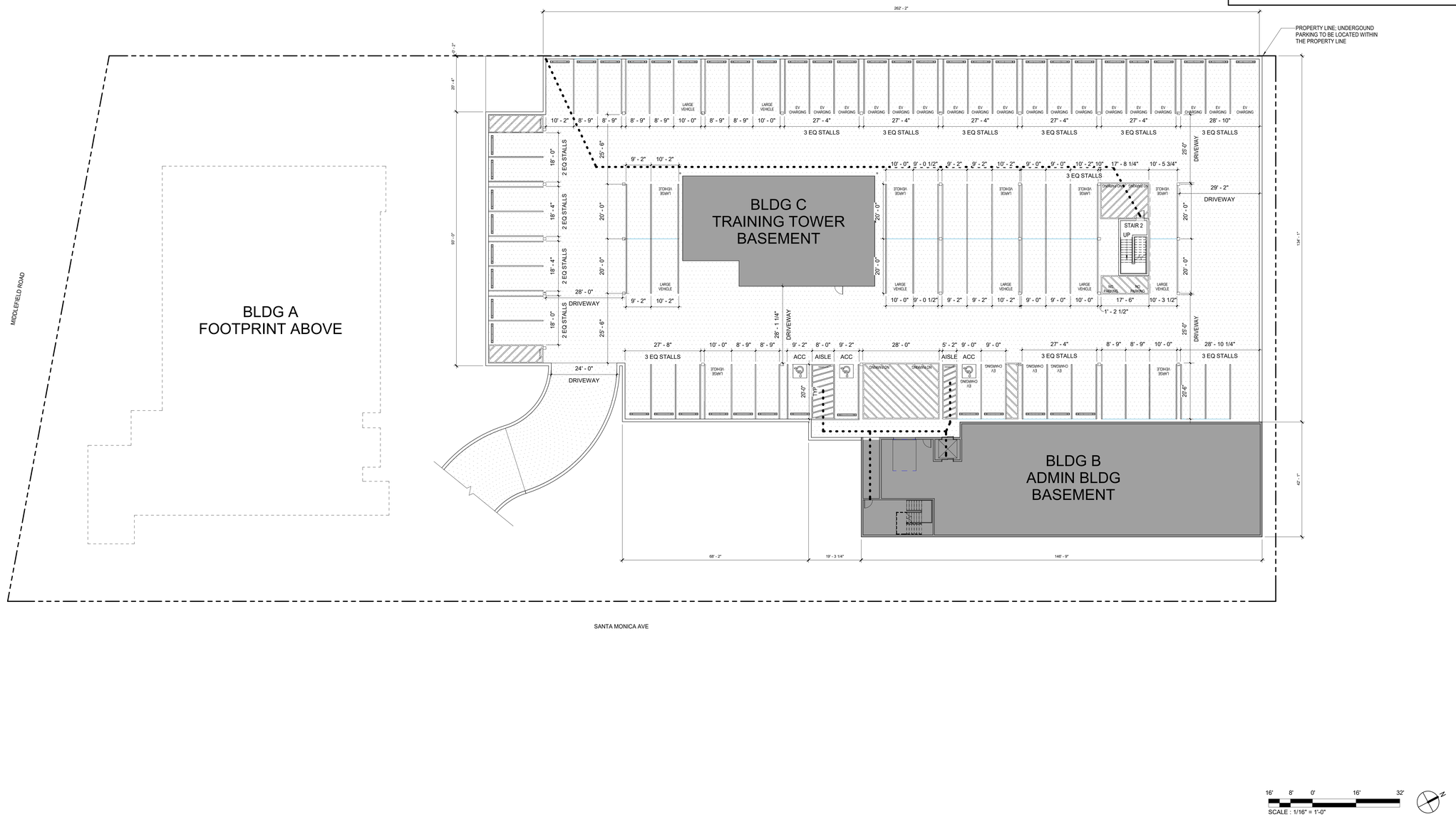
- CONCRETE (DRIVEWAY)
- LANDSCAPED AREA; SEE LANDSCAPE DWGS




16' 8' 0' 16' 32'
SCALE : 1/16" = 1'-0"

SITE PLAN - UNDERGROUND PARKING GARAGE | 1/16" = 1'-0" | 1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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

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| 4/24/25 | 230532 |

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| | | |

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BUILDING NUMBER

**SITE PLAN - UNDERGOUND PARKING GARAGE**

**AP1.3**


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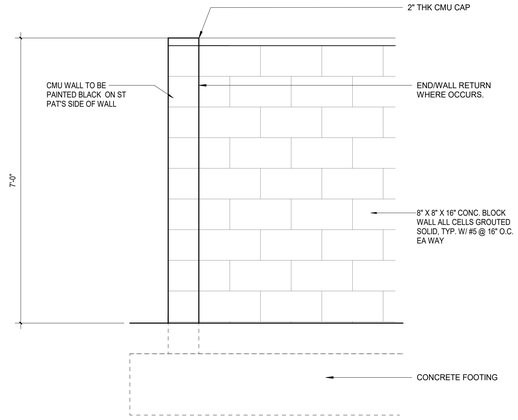
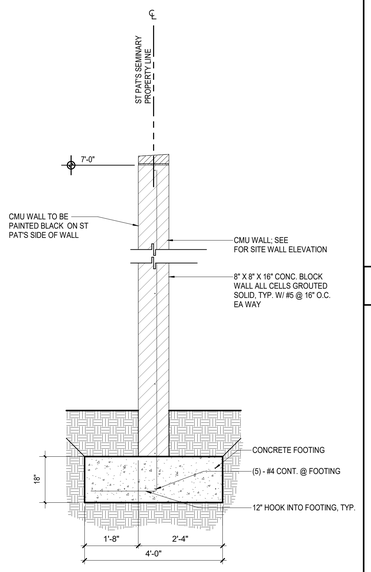
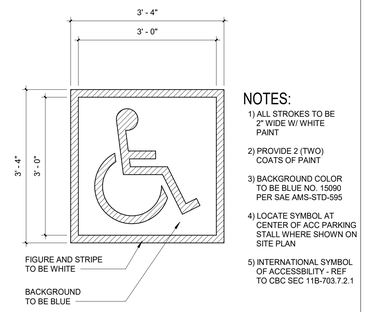
0"
1"




SITE CMU WALL ELEVATION | 3/4" = 1'-0" | 5

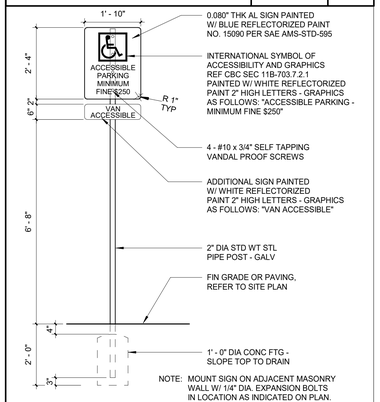



SITE CMU WALL | 3/4" = 1'-0" | 4



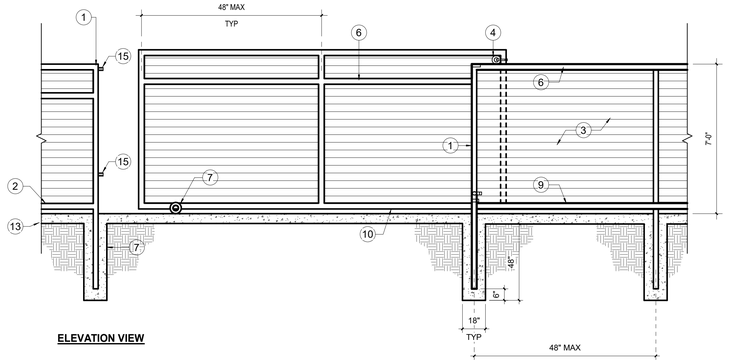

NOTES:
1) ALL STROKES TO BE 2" WIDE W/ WHITE PAINT
2) PROVIDE 2 (TWO) COATS OF PAINT
3) BACKGROUND COLOR TO BE BLUE NO. 15090 PER SAE AMS-STD-595
4) LOCATE SYMBOL AT CENTER OF ACC PARKING STALL WHERE SHOWN ON SITE PLAN
5) INTERNATIONAL SYMBOL OF ACCESSIBILITY - REF TO CBC SEC 11B-703.7.2.1

ACCESS SIGN | 3/4" = 1'-0" | 3

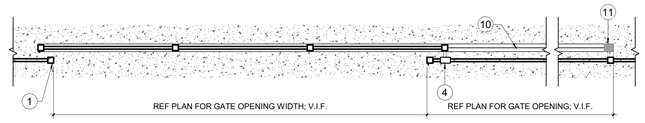



NOTE: MOUNT SIGN ON ADJACENT MASONRY WALL W/ 1/4" DIA. EXPANSION BOLTS IN LOCATION AS INDICATED ON PLAN.

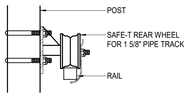
PARKING SIGN | 1/2" = 1'-0" | 2




**ELEVATION VIEW**

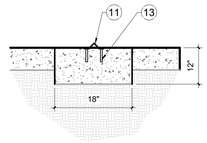



(A) **PLAN VIEW**




(C) **ROLLER/TRACK**

1. 3"x3"x 12 GA STEEL GATE POST
2. NOT USED
3. HORIZONTAL 6" WOOD SIDING
4. SAFE-T REAR WHEEL WITH BRACKET. SEE BELOW DETAIL C. INSTALL PER MANUFACTURER
5. NOT USED
6. 3"x3"x 12 GA STEEL RAIL
7. WHEEL & TOLLY
8. NOT USED
9. 3"x3"x12 GA STEEL BOTTOM RAIL
10. GALVANIZED 'V' TRACK 1 1/2" x 1 1/2" x 3/16" SET ON A 1/4" x 4" PLATE. 1/2" HOLE FOR SLEEVE ANCHORS @ 18" O.C. ON ALTERNATE SIDES. PROVIDE BUILDERS FENCE COMPANY MODEL NUMBER 83577G OR APPROVED EQUAL
11. GROUND MOUNTED HEAVY DUTY GATE RECEIVER; VERIFY EXACT LOCATION IN FIELD
12. CONCRETE SLAB FOR SLIDING GATE.
13. SIMPSON SL37234PF PHILLIPS FLAT HEAD SLEEVE ANCHOR 3/8" x 2.75" EMBED @ 18" O.C. ON ALTERNATE SIDES




(B) **SECTION VIEW**

NOTE:
1. PROVIDE SHOP DRAWINGS FOR FULLY FUNCTIONING GATE AND FENCE ASSEMBLIES. DETAILS DRAWN ARE GENERIC IN NATURE NOT SHOWING ALL PARTS NECESSARY, BUT REQUIRED

ENTRY ROLLING GATE | 3/8" = 1'-0" | 1

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CLIENT LOGO

A | B | C

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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DRAWING HISTORY

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|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**SITE DETAILS**

**AP1.4**

**FILE PATH:** C:\Users\kclancy\Documents\230532_Menlo Park FS 1_SD_kelly.clancyYS24T.rvt
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PERSPECTIVE RENDERINGS
AP5.0
FOR BLUEBEAM LABELING/OCR:

0"
1"

AERIAL VIEW

WEST VIEW FROM MIDDLEFIELD ROAD

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MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A C B

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT
DATE 08/30/2024
PROJECT NUMBER 230532

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

PERSPECTIVE RENDERINGS

AP1.5

PERSPECTIVE RENDERINGS
AP1.6
FOR BLUEBEAM LABELING/OCR:

0"
1"

EVENING VIEW OF FIRE STATION FROM MIDDLEFIELD RD

VIEW OF BUILDING B FROM SANTA MONICA

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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT
DATE 4/24/25
PROJECT NUMBER 230532
DRAWING HISTORY

| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL
BUILDING NUMBER

**PERSPECTIVE RENDERINGS**

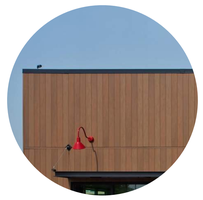
**AP1.6**

PERSPECTIVE RENDERINGS
AP5.2
FOR BLUEBEAM LABELING/OCR:

0"
1"

VIEW FROM SANTA MONICA AVE OF DISTRICT OPERATIONS CENTER

METAL PANEL



FIBRE CEMENT PANELS

BUILDING B - ENTRY FROM MIDDLEFIELD

NORTH-EAST VIEW FROM MIDDLEFIELD ROAD

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MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A B C

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/30/2024 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| 2 | PLANNING DEPT CYCLE 2 | 5/7/25 |

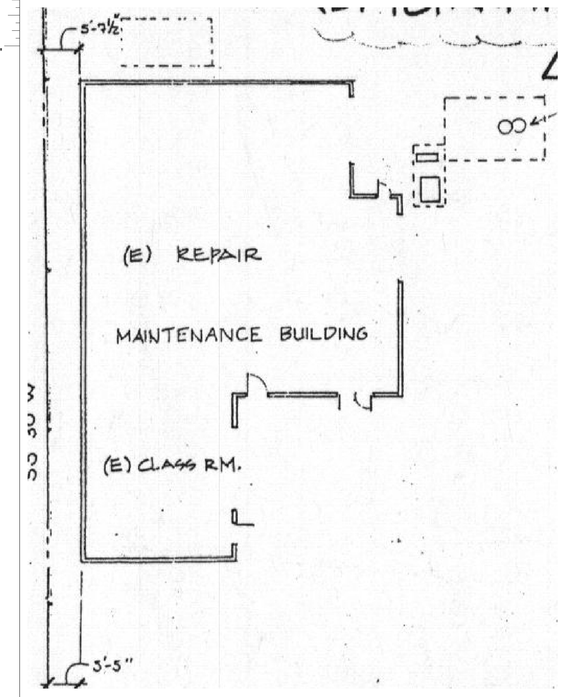
PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

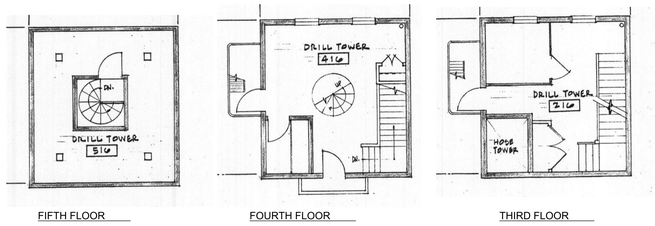
PERSPECTIVE RENDERINGS

AP1.7

EXISTING FLOOR PLANS
AP2.0
FOR BLUEBEAM LABELING/OCR:



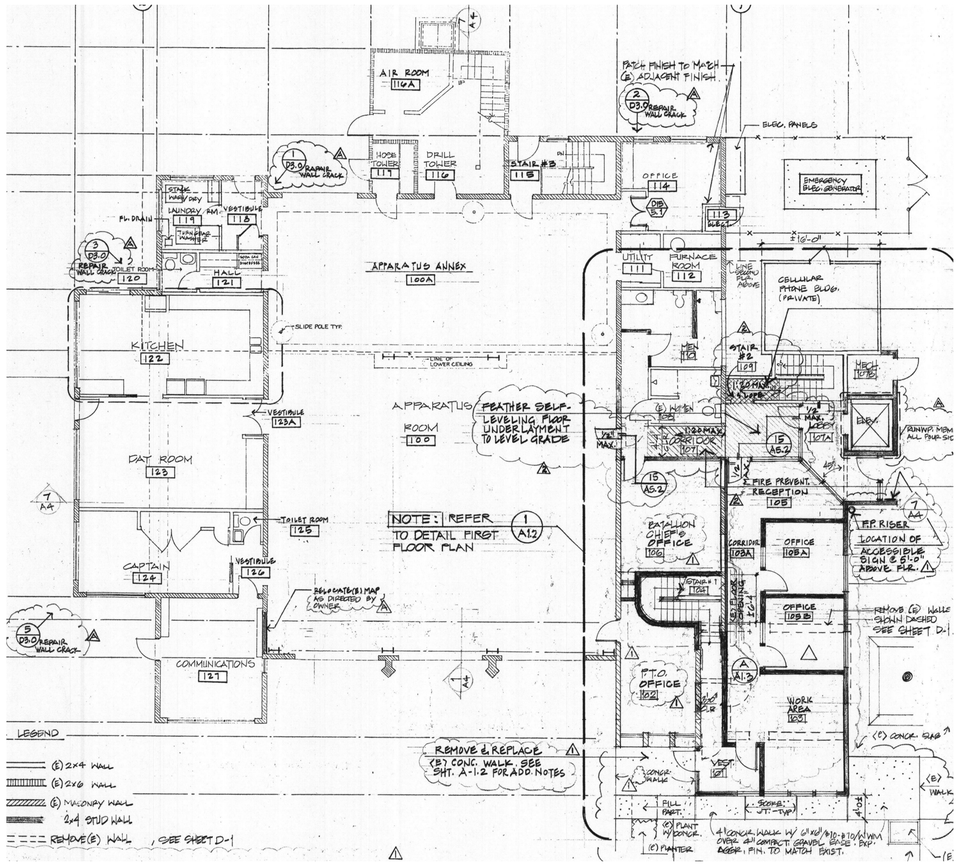

EXISTING MAINTENANCE BLDG FIRST FLOOR PLAN 1" = 10'



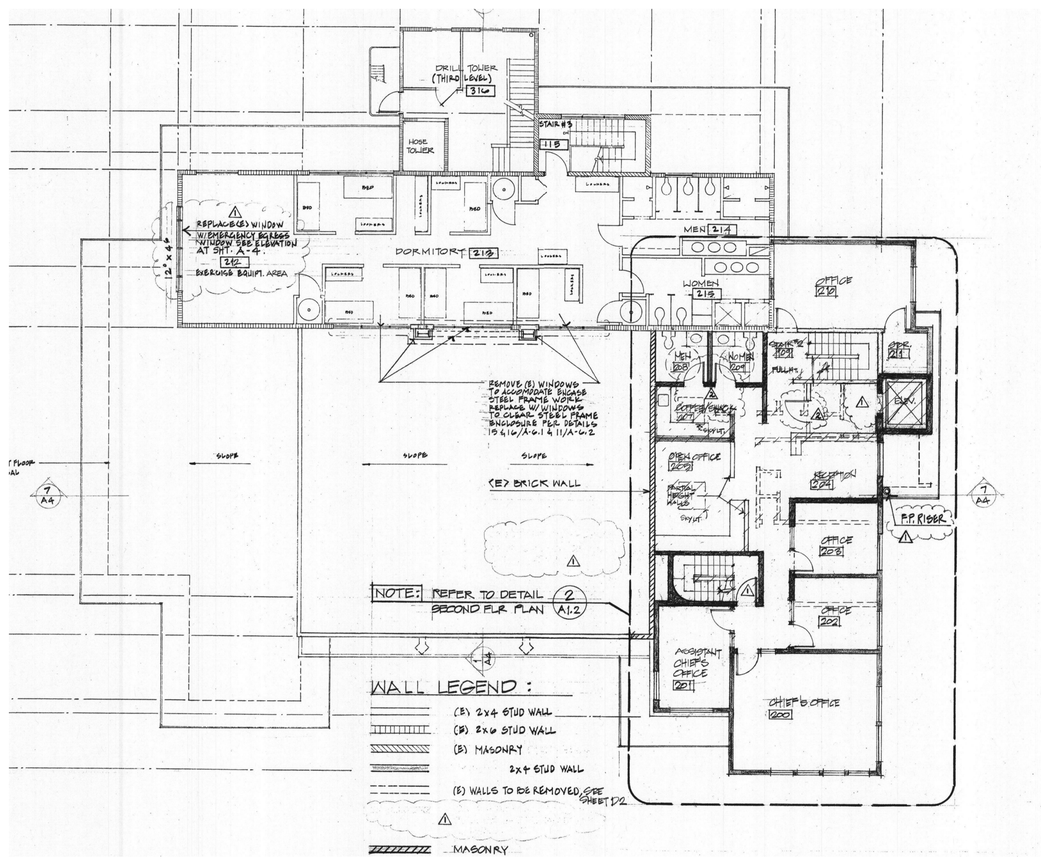

EXISTING FS TRAINING TOWER BLDG FLOOR PLANS 1" = 10'

## EXISTING PROJECT DATA

| | |
|---|---|
| LOT SIZE: | 85,343.7 SF |
| TOTAL BUILDING AREA: | 23,781.5 SF |
| LOT COVERAGE: | 13.4% |
| ZONING : | R-1-S |
| BUILDING OCCUPANCY : | B-2 |
| CONSTRUCTION TYP : | VN |
| MAINTENANCE BUILDING : | 3,306 SF |
| FIRE STATION- | |
| BASEMENT | 984 |
| 1ST FLOOR | 11,167.3 |
| 2ND FLOOR | 6,374.5 |
| 3RD FLOOR | 650 |
| 4TH FLOOR | 650 |
| 5TH FLOOR | 650 |
| TOTAL: | 20,475 SF |




EXISTING FIRE STATION FIRST FLOOR PLAN 1" = 10'




EXISTING FIRE STATION SECOND FLOOR PLAN 1" = 10'

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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

MENLO PARK FIRE DISTRICT

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**EXISTING FLOOR PLANS**

**AP2.0**

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0"

1"

EXISTING BUILDINGS

AP2.1

FOR BLUEBEAM LABELING/OCR:

EXISTING MENLO PARK FIRE STATION NO. 01 TO BE DEMOLISHED - WEST ELEVATION

EXISTING MENLO PARK FIRE STATION NO. 01 TO BE DEMOLISHED - SANTA MONICA ROAD ELEVATION (EAST ELEVATION)

EXISTING MENLO PARK FIRE STATION NO. 01 TO BE DEMOLISHED - MIDDLEFIELD ROAD ELEVATION (SOUTH ELEVATION)

EXISTING MENLO PARK FIRE STATION NO. 01 TO BE DEMOLISHED - NORTH ELEVATION (REAR)

EXISTING MENLO PARK MAINTENANCE BLDG TO BE DEMOLISHED - WEST ELEVATION

EXISTING MENLO PARK MAINTENANCE BLDG TO BE DEMOLISHED - SOUTH ELEVATION

EXISTING MENLO PARK MAINTENANCE BLDG TO BE DEMOLISHED - SANTA MONICA ROAD ELEVATION (EAST SIDE)

EXISTING MENLO PARK MAINTENANCE BLDG TO BE DEMOLISHED - ELEVATION (NORTH SIDE)

EXISTING MENLO PARK FIRE STATION NO. 01 & MAINTENANCE BIULDING TO BE DEMOLISHED - MIDDLEFIELD ROAD ELEVATION (EAST SIDE)

EXISTING MENLO PARK FIRE STATION NO. 01 & MAINTENANCE BIULDING TO BE DEMOLISHED - SANTA MONICA ROAD ELEVATION (EAST SIDE)

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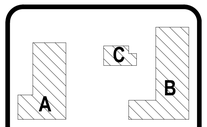
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
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| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**EXISTING BUILDINGS**

**AP2.1**

BLDG A - SQUARE FOOTAGE CALCULATION PLANS

AP3.0

FOR BLUEBEAM LABELING/OCR:

0"

1"

## SQUARE FOOTAGE CALCULATIONS

BLDG A - FIRST FLOOR

| | |
|---|---|
| A1 | 613 |
| A2 | 3037.4 |
| A3 | 79.3 |
| A4 | 107.6 |
| A5 | 1339.25 |
| A6 | 5792.4 |
| A12 | 159.6 |
| A14 | 14.9 SF |
| TOTAL = | 11,143.5 |

EXCLUDED FROM FAR:

| | |
|---|---|
| A13 (FIRE RISER) = | 31.3 |

BLDG A - SECOND FLOOR

| | |
|---|---|
| A7 | 523 |
| A8 | 822 |
| A9 | 2370.4 |
| A10 | 1436.7 |
| TOTAL = | 5152.1 |

EXCLUDED FROM FAR:

| | |
|---|---|
| A11 (PATIO) | 165.5 |

BLDG A BUILDING COVERAGE (A1-A6)+A12-A14)
**= 11,174.8**

BLDG A GROSS AREA (A1->A10 + A12)

**= 16,295.6 SF**

BLDG B - BASEMENT

| | |
|---|---|
| B1 | 1254.6 |
| B2 | 4691.1 |
| B27 | 230.4 |
| BASEMENT TOTAL= | 6,176.1 |

BLDG B - FIRST FLOOR

| | |
|---|---|
| B3 | 420.5 |
| B4 | 2879.3 |
| B5 | 612.4 |
| B6 | 151 |
| B7 | 379.4 |
| B8 | 37.4 |
| B9 | 61.2 |
| B10 | 54 |
| B11 | 1204.4 |
| B12 | 383.4 |
| B13 | 1890.5 |
| B14 | 2729.9 |
| B15 | 67.9 |
| B16 | 273.4 |
| B17 | 167 |
| B18 | 3167.9 |
| B19 | 346 |
| B20 | 353.9 |
| 1ST FLOOR TOTAL: | 15,179.5 |

BLDG B - SECOND FLOOR

| | |
|---|---|
| B21 | 57.8 |
| B22 | 2233.2 |
| B23 | 7959.7 |
| B24 | 1401.1 |
| B26 | 28.89 |
| | 11,680.7 |

EXCLUDED FROM FAR:

| | |
|---|---|
| B25 (PATIO) | 300.1 |

BLDG B BUILDING COVERAGE(B3-20)
**= 15,179.5 SF**

BLDG B GROSS AREA
(B1->B20) + (B21->B24) + B27
= 21,355.6 + 11,689.2
**= 33,036.3**

BUILDING C - BASEMENT

| | |
|---|---|
| C1 | 640.7 |
| C2 | 2003.2 |
| TOTAL = | 2643.9 |

BLDG C - FIRST FLOOR

| | |
|---|---|
| C3 | 254.9 |
| C4 | 2003.2 |
| C5 | 400 |
| C6 (EXT STAIR) | 127.4 |
| C21 | 385.9 |
| TOTAL = | 3,171.4 |

BLDG C - SECOND FLOOR

| | |
|---|---|
| C7 | 640.7 |
| C8 | 2003.2 |
| C22 | 400 |
| TOTAL = | 3043.9 |

EXCLUDED FROM FAR

| | |
|---|---|
| C9 (EXT STAIR) | 127.4 |
| C10 (PATIO) | 584.9 |

BLDG C - THIRD FLOOR

| | |
|---|---|
| C11 | 640.7 |
| C12 | 2003.2 |
| TOTAL = | 2643.9 |

EXCLUDED FROM FAR

| | |
|---|---|
| C13 (STAIR) | 127.4 |
| C14 (PATIO) | 584.9 |

BLDG C - FORTH FLOOR

| | |
|---|---|
| C15 | 640.7 |
| C16 | 2003.2 |
| TOTAL = | 2643.9 |

EXCLUDED FROM FAR:

| | |
|---|---|
| C17 | 127.4 |
| C18 | 584.9 |

BLDG C - FIFTH FLOOR

| | |
|---|---|
| C19 | 223.7 |
| C23 | 416.8 |
| TOTAL = | 640.5 |

EXCLUDED FROM FAR:

| | |
|---|---|
| C20 | 22456.2 |

BLDG C BUILDING COVERAGE (C3-C8 + C21)
**= 3,171.3 SF**

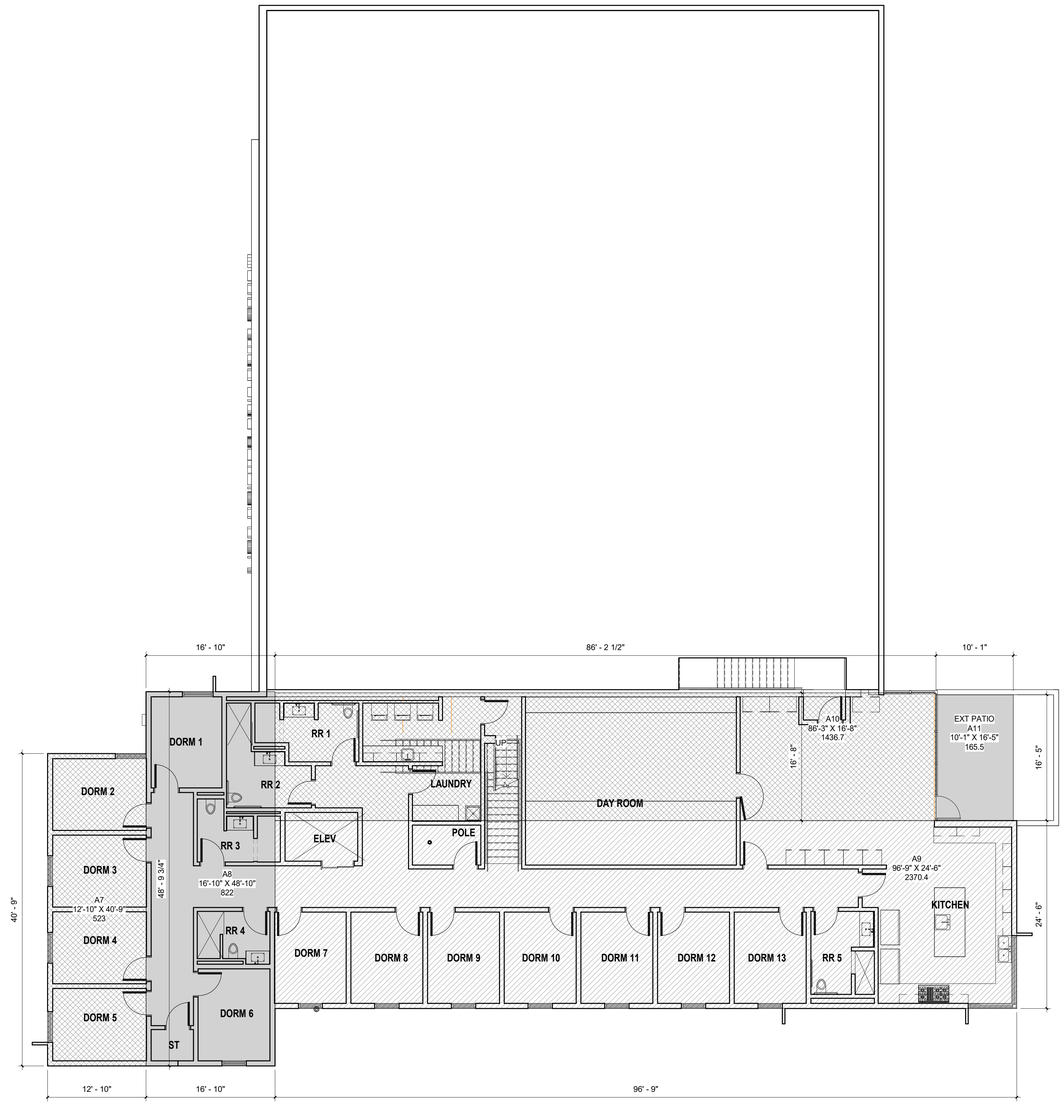
BLDG C GROSS AREA (C1-C8) + (C11-C12) + (C15-C16) + C19 + (C21-C23)
**= 14,787.5 SF**

**TOTAL BUILDING COVERAGE**
= 11,174.8 + 15,179.1 + 3,171.3
**= 29,525.2**

**TOTAL GROSS AREA**
= 16,295.6 + 33,036.3 + 14,787.5
**= 64,119.4**

**FAR =**
64,119.4 SF / 85,285 SF
**= 75.2%**

CALC PLAN -BUILDING A FIRST FLOOR PLAN (1)
1/8" = 1'-0"




| | |
|---|---|
| A7 | 523 |
| A8 | 822 |
| A9 | 2370.4 |
| A10 | 1436.7 |
| TOTAL = | 5152.1 |
| A11 (PATIO) | 165.5 |
| TOTAL = | 5317.6 |

CALC PLAN - BUILDING A SECOND FLOOR PLAN (2)
1/8" = 1'-0"

8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

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# MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG A - SQUARE FOOTAGE CALCULATION PLANS**

**AP3.0**

BLDG B - SQUARE FOOTAGE CALCULATION PLANS
AP3.1
FOR BLUEBEAM LABELING/OCR:

0"
1"

## SQUARE FOOTAGE CALCULATIONS

BLDG A - FIRST FLOOR
A1 613
A2 3037.4
A3 79.3
A4 107.6
A5 1339.25
A6 5792.4
A12 159.6
A14 14.9 SF
TOTAL = 11,143.5

EXCLUDED FROM FAR:
A13 (FIRE RISER) = 31.3

BLDG A - SECOND FLOOR
A7 523
A8 822
A9 2370.4
A10 1436.7
TOTAL = 5152.1

EXCLUDED FROM FAR:
A11 (PATIO) 165.5

BLDG A BUILDING COVERAGE (A1-A6)+A12-A14)
**= 11,174.8**

BLDG A GROSS AREA (A1->A10 + A12)

**= 16,295.6 SF**

BLDG B - BASEMENT
B1 1254.6
B2 4691.1
B27 230.4
BASEMENT TOTAL= 6,176.1

BLDG B - FIRST FLOOR
B3 420.5
B4 2879.3
B5 612.4
B6 151
B7 379.4
B8 37.4
B9 61.2
B10 54
B11 1204.4
B12 383.4
B13 1890.5
B14 2729.9
B15 67.9
B16 273.4
B17 167
B18 3167.9
B19 346
B20 353.9
1ST FLOOR TOTAL: 15,179.5

BLDG B - SECOND FLOOR
B21 57.8
B22 2233.2
B23 7959.7
B24 1401.1
B26 28.89
11,680.7

EXCLUDED FROM FAR:
B25 (PATIO) 300.1

BLDG B BUILDING COVERAGE(B3-20)
**= 15,179.5 SF**

BLDG B GROSS AREA
(B1->B20) + (B21->B24) + B27
= 21,355.6 + 11,689.2
**= 33,036.3**

BUILDING C - BASEMENT
C1 640.7
C2 2003.2
TOTAL = 2643.9

BLDG C - FIRST FLOOR
C3 254.9
C4 2003.2
C5 400
C6 (EXT STAIR) 127.4
C21 385.9
TOTAL = 3,171.4

BLDG C - SECOND FLOOR
C7 640.7
C8 2003.2
C22 400
TOTAL = 3043.9

EXCLUDED FROM FAR
C9 (EXT STAIR) 127.4
C10 (PATIO) 584.9

BLDG C - THIRD FLOOR
C11 640.7
C12 2003.2
TOTAL = 2643.9

EXCLUDED FROM FAR
C13 (STAIR) 127.4
C14 (PATIO) 584.9

BLDG C - FORTH FLOOR
C15 640.7
C16 2003.2
TOTAL = 2643.9

EXCLUDED FROM FAR:
C17 127.4
C18 584.9

BLDG C - FIFTH FLOOR
C19 223.7
C23 416.8
TOTAL = 640.5

EXCLUDED FROM FAR:
C20 22456.2

BLDG C BUILDING COVERAGE (C3-C6 + C21)
**= 3,171.3 SF**

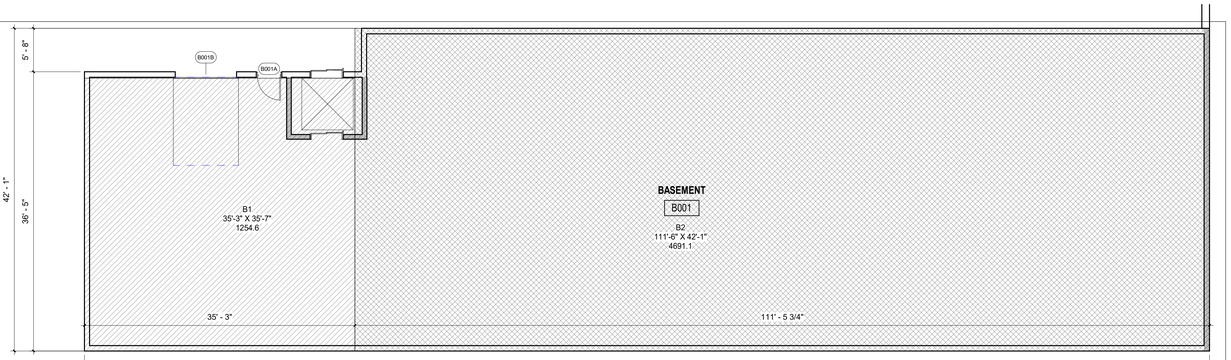
BLDG C GROSS AREA (C1-C8) + (C11-C12) + (C15-C16) + C19 + (C21-C23)
**= 14,787.5 SF**

**TOTAL BUILDING COVERAGE**
= 11,174.8 + 15,179.1 + 3,171.3
**= 29,525.2**

**TOTAL GROSS AREA**
= 16,295.6 + 33,036.3 + 14,787.5
**= 64,119.4**

**FAR =**
64,119.4 SF / 85,285 SF
**= 75.2%**

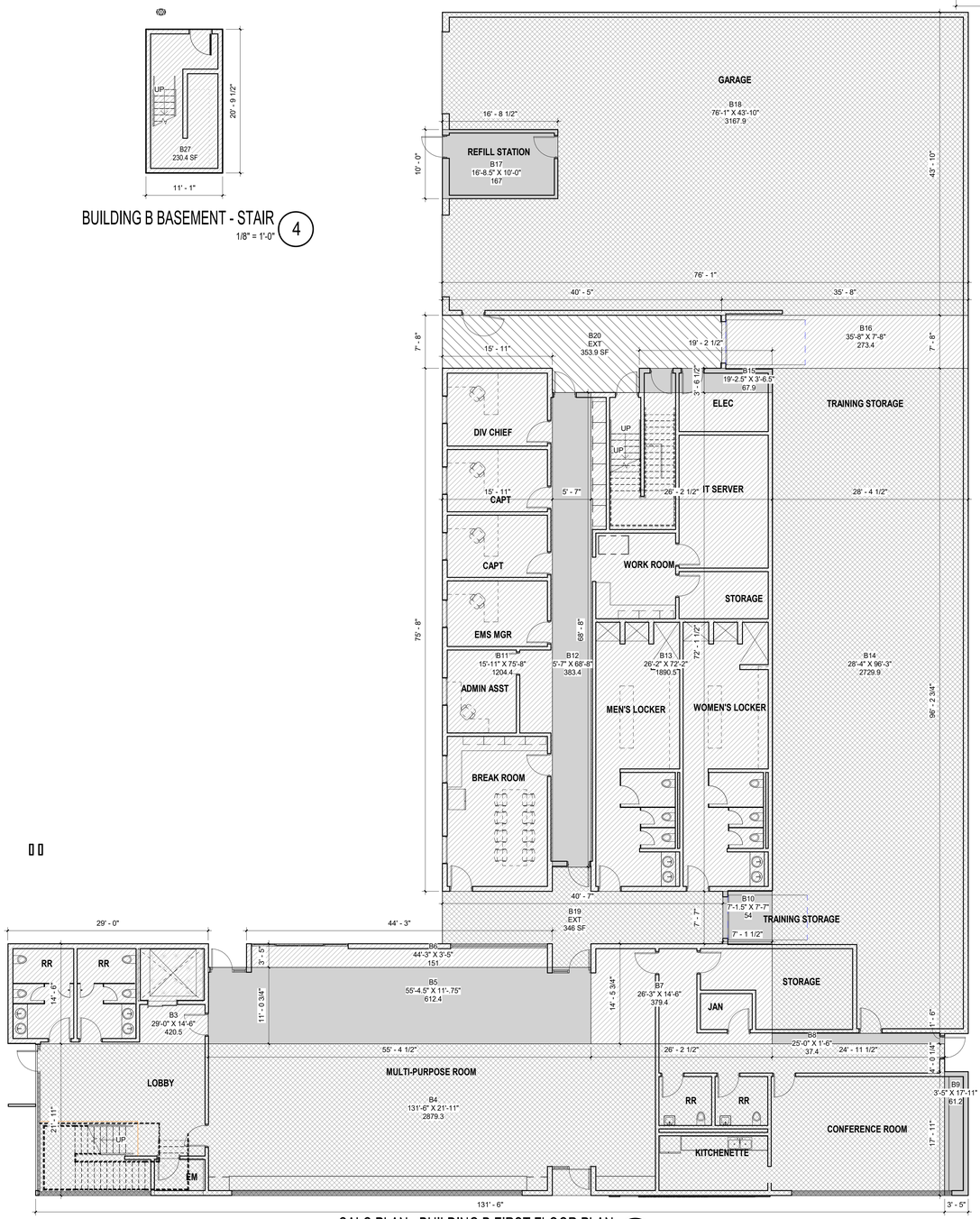
8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"




CALC PLAN - BUILDING B BASEMENT 1
1/8" = 1'-0"




BUILDING B BASEMENT - STAIR 4
1/8" = 1'-0"




CALC PLAN - BUILDING B FIRST FLOOR PLAN 2
1/8" = 1'-0"

CALC PLAN - BUILDING B - SECOND FLOOR PLAN 3
1/8" = 1'-0"

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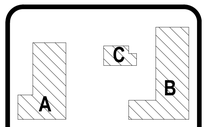
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO
MENLO PARK FIRE DISTRICT




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT
DATE 4/24/25
PROJECT NUMBER 230532
DRAWING HISTORY

| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL
BUILDING NUMBER

**BLDG B - SQUARE FOOTAGE CALCULATION PLANS**

**AP3.1**

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BLDG C - SQUARE FOOTAGE CALCULATION PLANS
AP3.2
FOR BLUEBEAM LABELING/OCR:

0"
1"

## SQUARE FOOTAGE CALCULATIONS

BLDG A - FIRST FLOOR

| | |
|---|---|
| A1 | 613 |
| A2 | 3037.4 |
| A3 | 79.3 |
| A4 | 107.6 |
| A5 | 1339.25 |
| A6 | 5792.4 |
| A12 | 159.6 |
| A14 | 14.9 SF |
| TOTAL = | 11,143.5 |

EXCLUDED FROM FAR:
A13 (FIRE RISER) = 31.3

BLDG A - SECOND FLOOR

| | |
|---|---|
| A7 | 523 |
| A8 | 822 |
| A9 | 2370.4 |
| A10 | 1436.7 |
| TOTAL = | 5152.1 |

EXCLUDED FROM FAR:
A11 (PATIO) 165.5

BLDG A BUILDING COVERAGE (A1-A6)+A12-A14)
**= 11,174.8**

BLDG A GROSS AREA (A1->A10 + A12)

**= 16,295.6 SF**

BLDG B - BASEMENT

| | |
|---|---|
| B1 | 1254.6 |
| B2 | 4691.1 |
| B27 | 230.4 |
| BASEMENT TOTAL= | 6,176.1 |

BLDG B - FIRST FLOOR

| | |
|---|---|
| B3 | 420.5 |
| B4 | 2879.3 |
| B5 | 612.4 |
| B6 | 151 |
| B7 | 379.4 |
| B8 | 37.4 |
| B9 | 61.2 |
| B10 | 54 |
| B11 | 1204.4 |
| B12 | 383.4 |
| B13 | 1890.5 |
| B14 | 2729.9 |
| B15 | 67.9 |
| B16 | 273.4 |
| B17 | 167 |
| B18 | 3167.9 |
| B19 | 346 |
| B20 | 353.9 |
| 1ST FLOOR TOTAL: | 15,179.5 |

BLDG B - SECOND FLOOR

| | |
|---|---|
| B21 | 57.8 |
| B22 | 2233.2 |
| B23 | 7959.7 |
| B24 | 1401.1 |
| B26 | 28.89 |
| | 11,680.7 |

EXCLUDED FROM FAR:
B25 (PATIO) 300.1

BLDG B BUILDING COVERAGE(B3-20)
**= 15,179.5 SF**

BLDG B GROSS AREA
(B1->B20) + (B21->B24) + B27
= 21,355.6 + 11,689.2
**= 33,036.3**

BUILDING C - BASEMENT

| | |
|---|---|
| C1 | 640.7 |
| C2 | 2003.2 |
| TOTAL = | 2643.9 |

BLDG C - FIRST FLOOR

| | |
|---|---|
| C3 | 254.9 |
| C4 | 2003.2 |
| C5 | 400 |
| C6 (EXT STAIR) | 127.4 |
| C21 | 385.9 |
| TOTAL = | 3,171.4 |

BLDG C - SECOND FLOOR

| | |
|---|---|
| C7 | 640.7 |
| C8 | 2003.2 |
| C22 | 400 |
| TOTAL = | 3043.9 |

EXCLUDED FROM FAR
C9 (EXT STAIR) 127.4
C10 (PATIO) 584.9

BLDG C - THIRD FLOOR

| | |
|---|---|
| C11 | 640.7 |
| C12 | 2003.2 |
| TOTAL = | 2643.9 |

EXCLUDED FROM FAR
C13 (STAIR) 127.4
C14 (PATIO) 584.9

BLDG C - FORTH FLOOR

| | |
|---|---|
| C15 | 640.7 |
| C16 | 2003.2 |
| TOTAL = | 2643.9 |

EXCLUDED FROM FAR:

| | |
|---|---|
| C17 | 127.4 |
| C18 | 584.9 |

BLDG C - FIFTH FLOOR

| | |
|---|---|
| C19 | 223.7 |
| C23 | 416.8 |
| TOTAL = | 640.5 |

EXCLUDED FROM FAR:
C20 22456.2

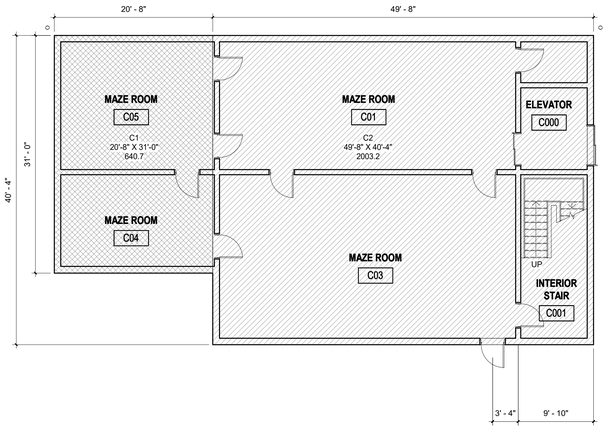
BLDG C BUILDING COVERAGE (C3-C6 + C21)
**= 3,171.3 SF**

BLDG C GROSS AREA (C1-C8) + (C11-C12) + (C15-C16) + C19 + (C21-C23)
**= 14,787.5 SF**

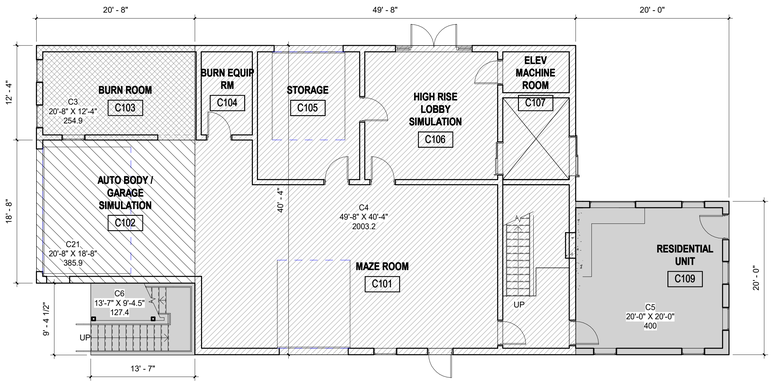
**TOTAL BUILDING COVERAGE**
= 11,174.8 + 15,179.1 + 3,171.3
**= 29,525.2**

**TOTAL GROSS AREA**
= 16,295.6 + 33,036.3 + 14,787.5
**= 64,119.4**

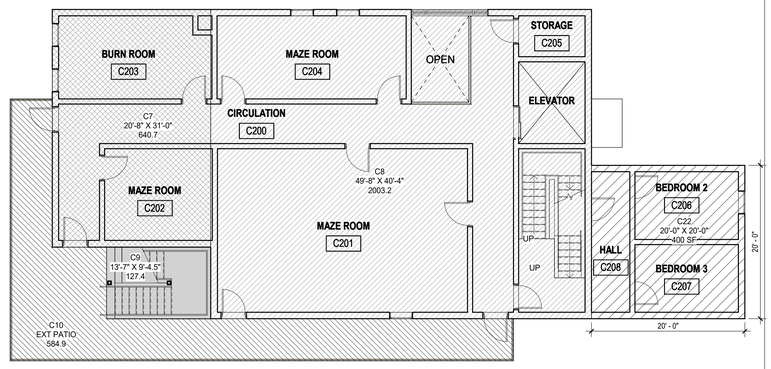
**FAR =**
64,119.4 SF / 85,285 SF
**= 76.2%**



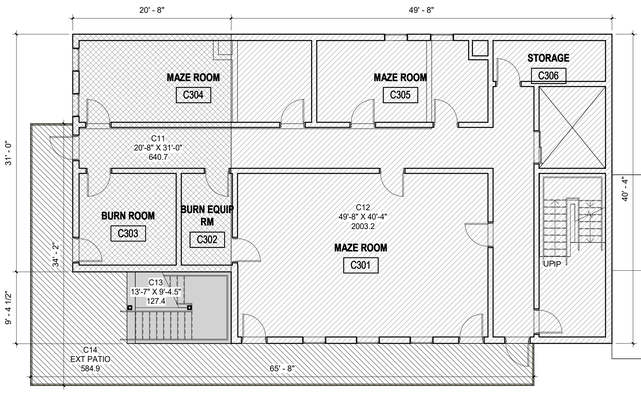

CALC PLAN - BUILDING C BASEMENT 1
1/8" = 1'-0"



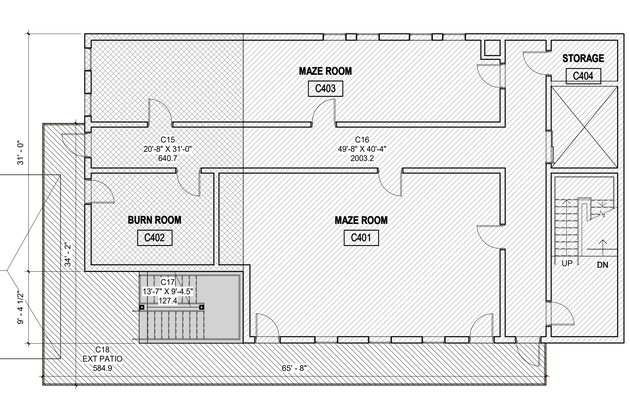

CALC PLAN - BUILDING C FIRST FLOOR PLAN 2
1/8" = 1'-0"



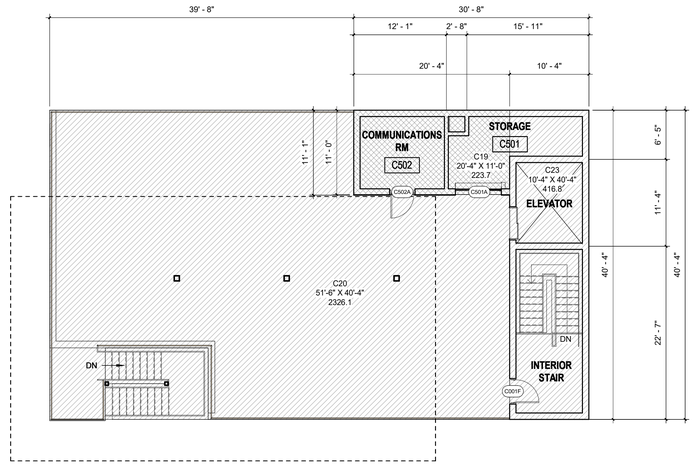

CALC PLAN - BUILDING C SECOND FLOOR PLAN 3
1/8" = 1'-0"




CALC PLAN - BUILDING C THIRD FLOOR PLAN 4
1/8" = 1'-0"




CALC PLAN - BUILDING C FORTH FLOOR PLAN 5
1/8" = 1'-0"




CALC PLAN - BUILDING C FIFTH FLOOR PLAN 6
1/8" = 1'-0"

8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
A B C
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG C - SQUARE FOOTAGE CALCULATION PLANS**

**AP3.2**


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BUILDING SIGNAGE

AP5.0

FOR BLUEBEAM LABELING/OCR:

0"

1"

FIREFIGHTER MEDALLION, 9' X 9' HIGH ALUMINUM LETTERS
COLOR: TO MATCH IMAGE
AREA: 44 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: 80%

NOTE: MEDALLION TO BE AN ALUMINUM SIGN ILLUMINATED WITH WHITE LED BACK-LIGHTING. SIGN TO HAVE WHITE HALO LIGHT AROUND THE PERIMETER OF THE SIGN.

**LENGTH OF PARCEL LINE AT MIDDLEFIELD ROAD: 195'-0"**

## FIREFIGHTER'S MEDALLION AT MIDDLEFIELD RD

## SIGN AREA SUMMARY

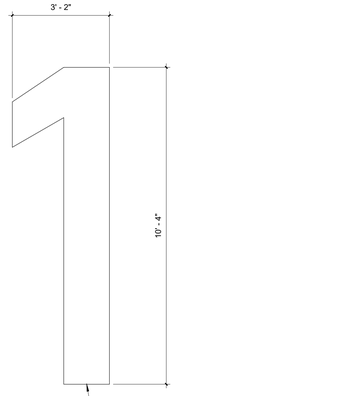
| | |
|---|---|
| FIREFIGHTER'S MEDALLION AT MIDDLEFIELD AVE | 44 SF |
| FIRE STATION SIGN AT MIDDLEFIELD AVE | 22 SF |
| LED FIRE STATION SIGN AT MIDDLEFIELD AVE | 18 SF |
| BUILDING B SIGNAGE AT SANTA MONICA | 10 SF |
| BUILDING B EXTERIOR ELEVATION EAST | 4.4 SF |
| ADDRESS NUMBER AT SANTA MONICA | 0.8 SF |
| ADDRESS NUMBER AT MIDDLEFIELD | 0.8 SF |
| **TOTAL =** | **100 SF** |

22" HIGH ALUMINUM LETTERS
FONT: ARIAL
COLOR: WHITE
AREA: 22 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: >25%

NOTE: ALUMINUM SIGN ILLUMINATED WITH WHITE LED BACK-LIGHTING. SIGN TO HAVE WHITE HALO LIGHT AROUND THE PERIMETER OF THE SIGN.

**LENGTH OF PARCEL LINE AT MIDDLEFIELD ROAD: 195'-0"**

## FIRE STATION SIGN AT MIDDLEFIELD RD




FONT: ARIAL
COLOR: BRONZE TRIM
AREA: 18 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: >25%

NOTE: ALUMINUM SIGN ILLUMINATED WITH WHITE LED BACK-LIGHTING. SIGN TO HAVE WHITE HALO LIGHT AROUND THE PERIMETER OF THE SIGN.

**LENGTH OF PARCEL LINE AT MIDDLEFIELD ROAD: 195'-0"**

## LED FIRE STATION SIGN AT MIDDLEFIELD RD

8" HIGH ALUMINUM LETTERS
FONT: ARIAL
COLOR: WHITE
AREA: 10 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: LESS THAN 25%

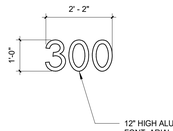
**LENGTH OF PARCEL LINE AT SANTA MONICA AVE: 462.86'**

## BUILDING B SIGN AT SANTA MONICA AVE

11" HIGH ALUMINUM LETTERS
FONT: CENTURY GOTHIC
COLOR: BLACK
AREA: 4.5 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: LESS THAN 25%

**LOT FRONTAGE: NOT ALONG STREET**

## BUILDING B - EXTERIOR ELEVATION EAST SIGN

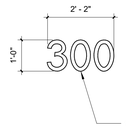



12" HIGH ALUMINUM LETTERS
FONT: ARIAL
COLOR: WHITE
AREA: .8 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: >25%

NOTE: ALUMINUM SIGN ILLUMINATED WITH WHITE LED BACK-LIGHTING. SIGN TO HAVE WHITE HALO LIGHT AROUND THE PERIMETER OF THE SIGN.

**LENGTH OF PARCEL LINE AT MIDDLEFIELD ROAD: 195'-0"**

## ADDRESS NUMBER AT SANTA MONICA AVE

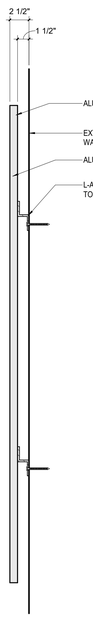



12" HIGH ALUMINUM LETTERS
FONT: ARIAL
COLOR: WHITE
AREA: .8 SF
PERCENTAGE OF SIGN THAT USES BRIGHT COLOR: >25%

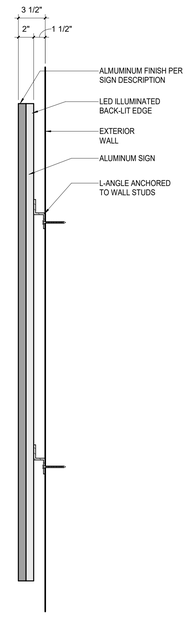
NOTE: ALUMINUM SIGN ILLUMINATED WITH WHITE LED BACK-LIGHTING. SIGN TO HAVE WHITE HALO LIGHT AROUND THE PERIMETER OF THE SIGN.

**LENGTH OF PARCEL LINE AT MIDDLEFIELD ROAD: 195'-0"**

## ADDRESS NUMBER AT MIDDLEFIELD RD




| TYP WALL MOUNTED SIGN | 1 1/2" = 1'-0" | 3 |
|---|---|---|




| TYP LED BACK-LIT SIGN | 1 1/2" = 1'-0" | 2 |
|---|---|---|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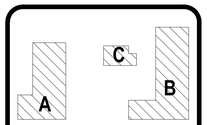
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
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**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**BUILDING SIGNAGE**

**AP5.0**

**FILE PATH:** Autodesk Docs://Menlo Park FPD_230532_Fire Station No 1/AR25_230532_Menlo Park FS 1_SD.rvt

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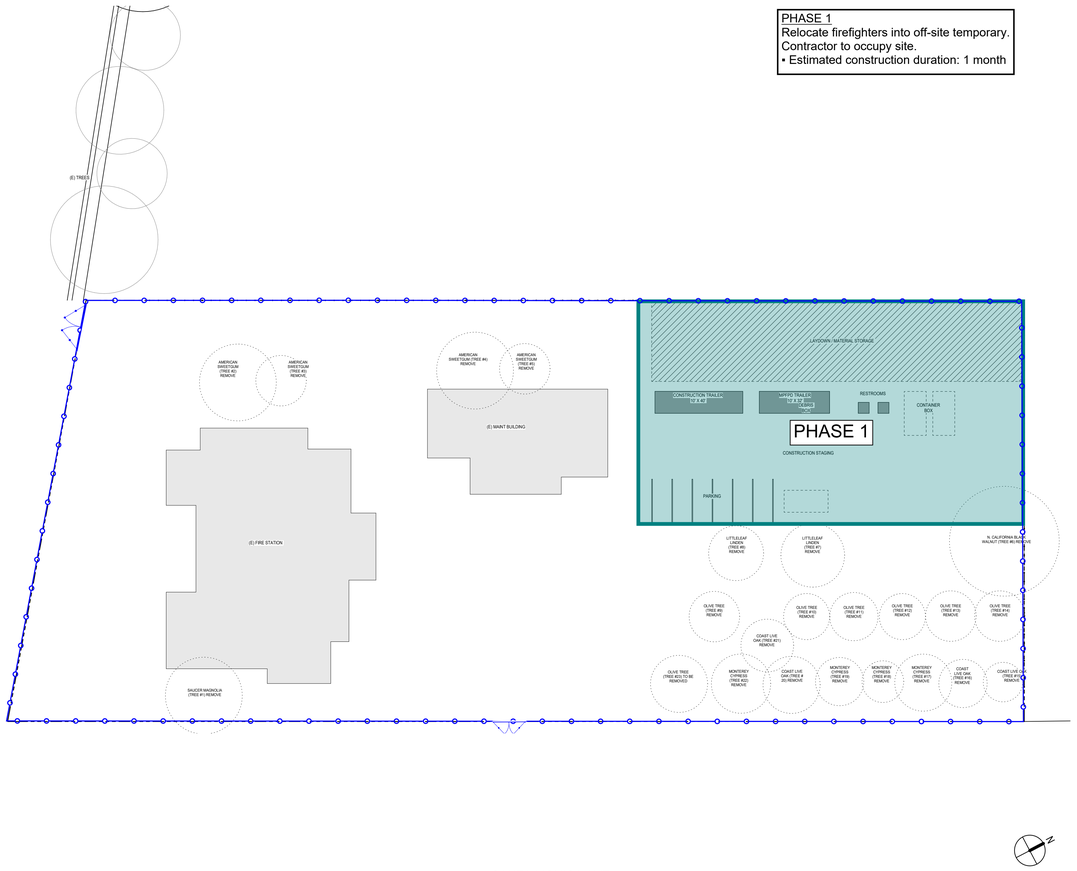
TEMP FACILITY (PHASE 1 PLAN)
AP6.0
FOR BLUEBEAM LABELING/OCR:

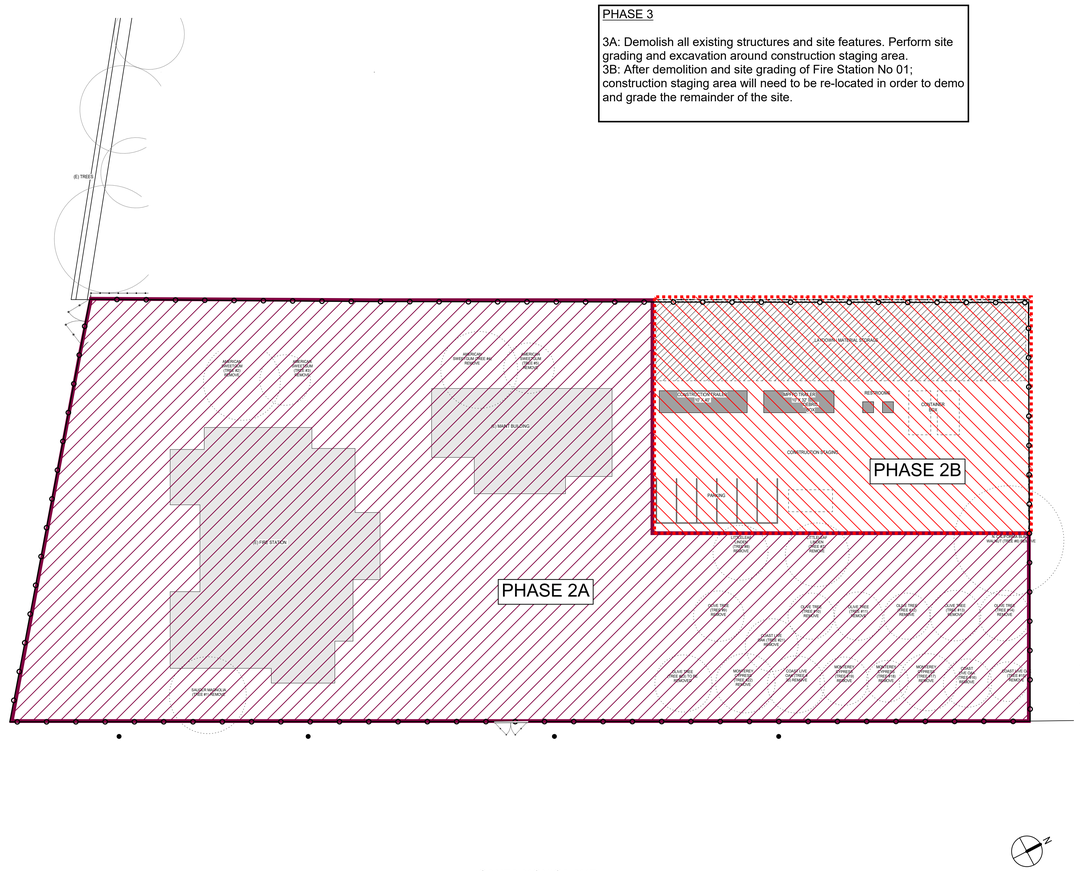
0"
1"

PHASE 1
Relocate firefighters into off-site temporary. Contractor to occupy site.
• Estimated construction duration: 1 month



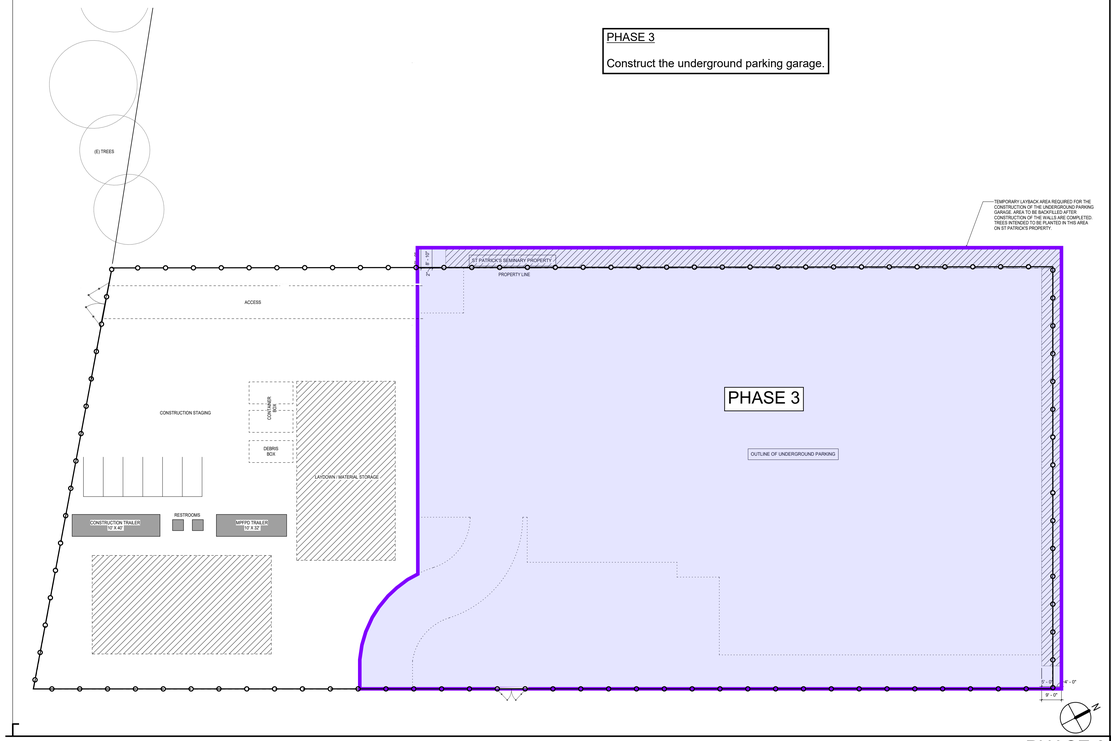

NOT TO SCALE PHASE 1

PHASE 3
3A: Demolish all existing structures and site features. Perform site grading and excavation around construction staging area.
3B: After demolition and site grading of Fire Station No 01; construction staging area will need to be re-located in order to demo and grade the remainder of the site.



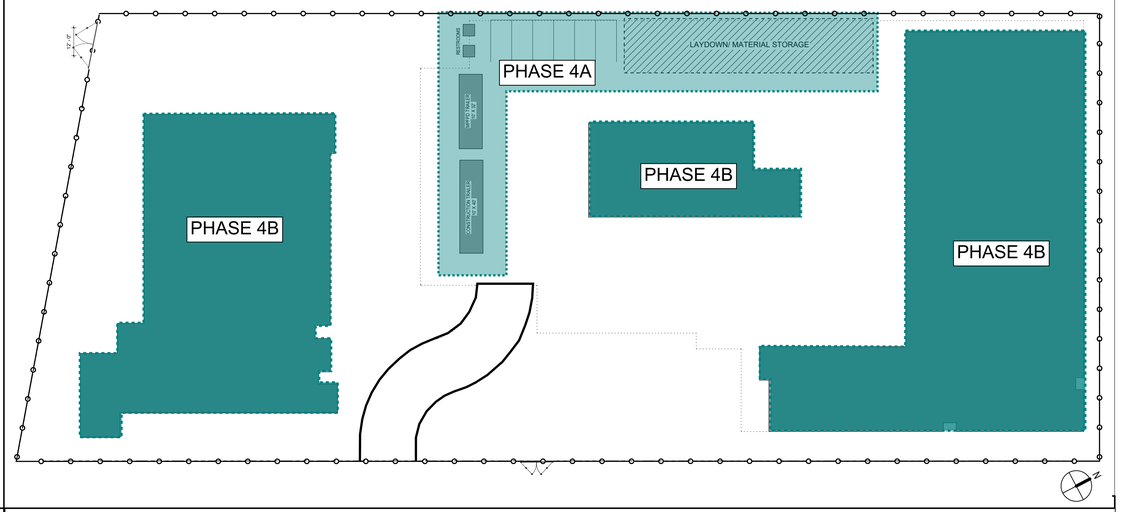

NOT TO SCALE PHASE 2

PHASE 3
Construct the underground parking garage.




NOT TO SCALE PHASE 3

PHASE 4
4A: Relocate construction staging area
4B: Construct new Fire Station, Training Tower, and Administration Building.




NOT TO SCALE PHASE 4

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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
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| 4/24/25 | 230532 |

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| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**TEMP FACILITY PHASE 1-4**

**AP6.1**

0"

1"

TEMP FACILITY (PHASE 1 PLAN)

AP6.0

FOR BLUEBEAM LABELING/OCR:

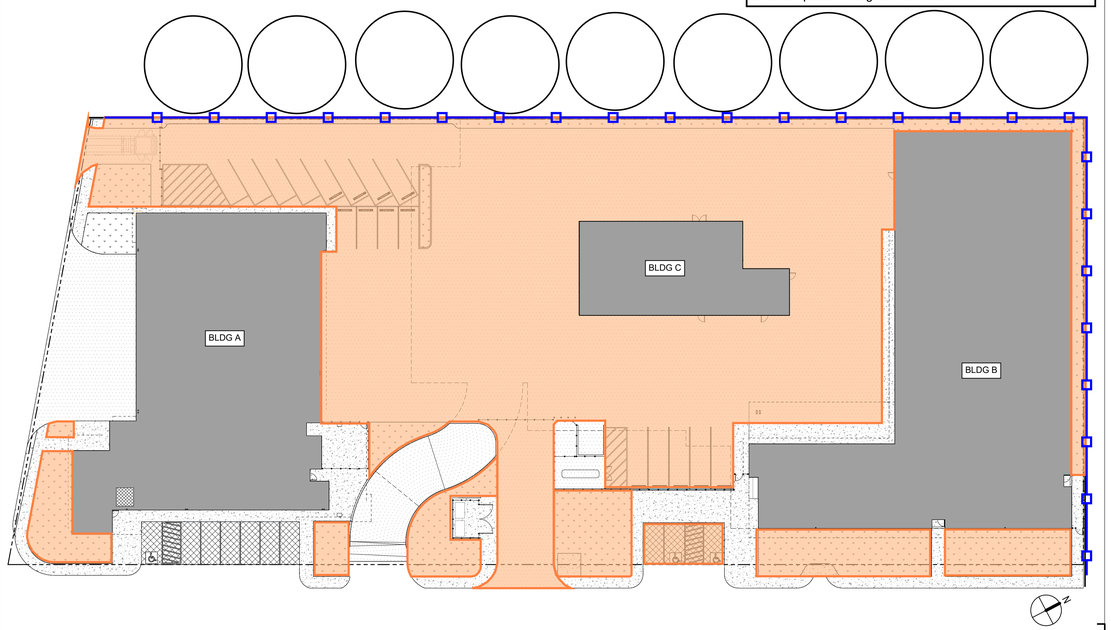
PHASE 5

Construct major site features.

NOT TO SCALE PHASE 5

PHASE 6

Construction trailers to demobilize.
Construction crew to move into Building B or C Garage
Construct new CMU site wall along St Pat's property.
Final parking lot/driveway to be paved and striped. Final planting to be completed throughout the site and St Pats.




NOT TO SCALE PHASE 6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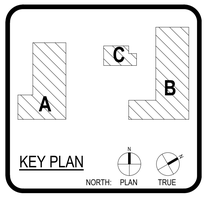
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
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| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
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PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**TEMP FACILITY PHASE 5 & 6**

**AP6.2**

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BLDG A - CODE ANALYSIS
AA2.0
FOR BLUEBEAM LABELING/OCR:

0"
1"

## CODE ANALYSIS LEGEND

BUILDING A FIRST FLOOR OCCUPANCY: 87 OCCUPANTS
BUILDING A SECOND FLOOR OCCUPANCY: 14 OCCUPANTS
**TOTAL BUILDING A OCCUPANTS: 101 OCCUPANTS**

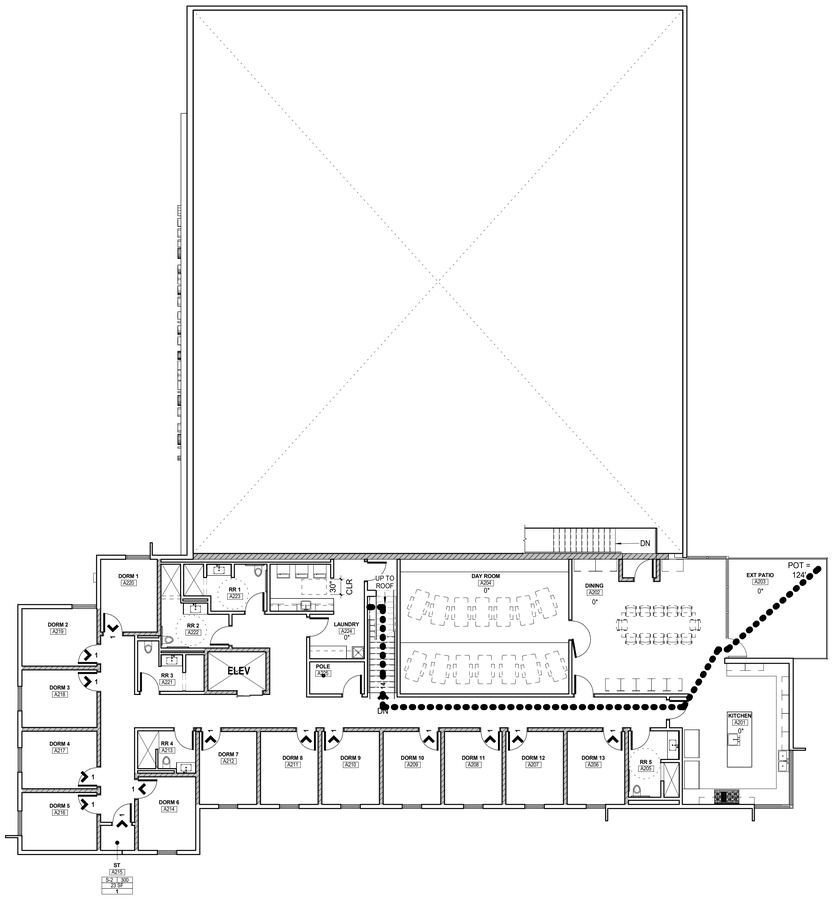
BUILDING A OCCUPANCY TYPE: B, S-2, R-2; MOST STRINGENT : R-2
BUILDING A CONSTRUCTION TYPE: VB; SPRINKLERED
BUILDING A ALLOWABLE SQUARE FOOTAGE: 21,000 SF PER STORY
**BUILDING A TOTAL SQUARE FOOTAGE : 16,442.5 SF**

BUILDING A OCCUPANCY TYPE: B, S-2; MOST STRINGENT : B
BUILDING A CONSTRUCTION TYPE: VB; SPRINKLERED
BUILDING B ALLOWABLE SQUARE FOOTAGE: 27,000 SF PER STORY
**BUILDING B TOTAL SQUARE FOOTAGE : 33,074.4 SF**

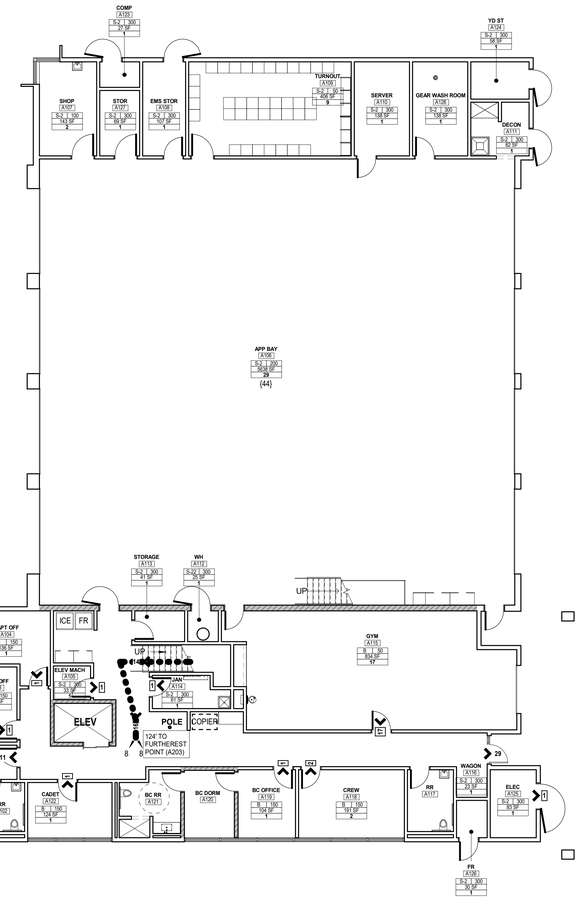
**OCCUPANCY LOAD**

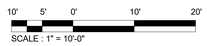
| | |
|---|---|
| STORAGE | 300 S.F./ OCCUPANT |
| ASSEMBLY/LOBBY | 15 S.F./ OCCUPANT |
| BUSINESS AREA/OFFICE | 150 S.F./ OCCUPANT |
| DORMITORY | 1 OCCUPANT/BED |
| EXERCISE ROOM | 50 S.F./ OCCUPANT |
| APP BAY/PARKING | 200 S.F./ OCCUPANT |
| WORKSHOP | 50 S.F./ OCCUPANT |
| CONCENTRATED BUSINESS | 50 S.F./OCCUPANT |

1-HR FIRE RATED WALL



BUILDING A - CODE ANALYSIS SECOND FLOOR PLAN | 1" = 10'-0" | 2




BUILDING A- CODE ANALYSIS FIRST FLOOR PLAN | 1" = 10'-0" | 1

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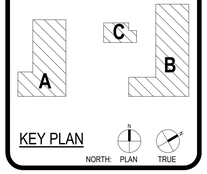
# MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

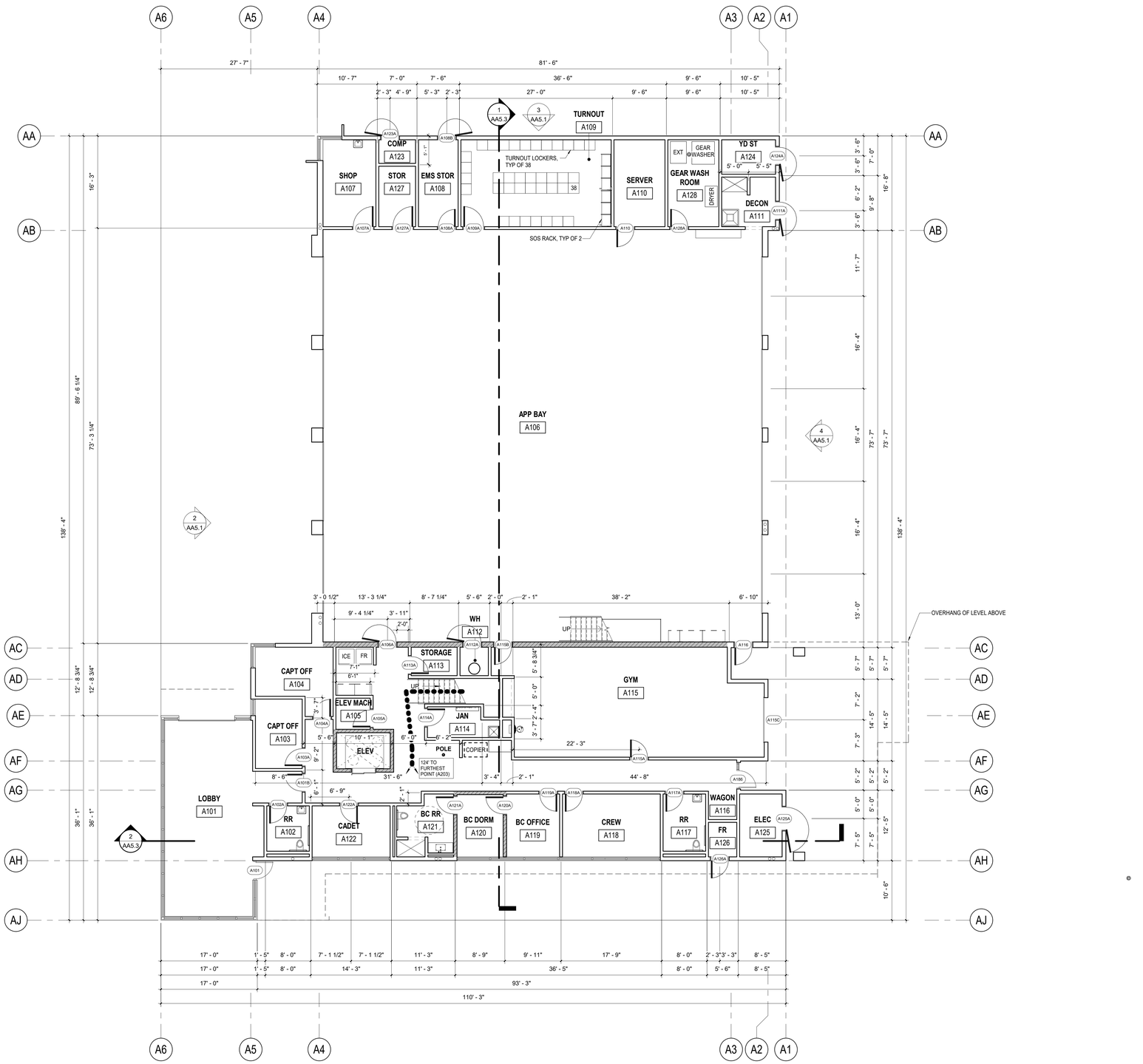
**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**BLDG A - CODE ANALYSIS**

**AA2.0**

BLDG A - FIRST FLOOR PLAN
AA2.1
FOR BLUEBEAM LABELING/OCR:




8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING A FIRST FLOOR PLAN | 1/8" = 1'-0" | 1

| ROOM SCHEDULE | | | |
|---|---|---|---|
| NUMBER | TITLE | DESCRIPTION | Area |
| 69 | ELEV | ELEVATOR SHAFT | 60 SF |
| A101 | LOBBY | | 603 SF |
| A102 | RR | RESTROOM | 60 SF |
| A103 | CAPT OFF | CAPTAIN'S OFFICE | 101 SF |
| A104 | CAPT OFF | CAPTAIN'S OFFICE | 136 SF |
| A105 | ELEV MACH | ELEVATOR MACHINE/EQUIPMENT ROOM | 33 SF |
| A106 | APP BAY | FIRE APPERATUS BAY | 5638 SF |
| A107 | SHOP | WORKSHOP | 143 SF |
| A108 | EMS STOR | EMS GEAR STORAGE ROOM | 107 SF |
| A109 | TURNOUT | TURNOUT GEAR STORAGE ROOM | 406 SF |
| A110 | SERVER | ELECTRICAL SERVER ROOM | 138 SF |
| A111 | DECON | DECONTAMINATION ROOM | 82 SF |
| A112 | WH | WATER HEATER | 25 SF |
| A113 | STORAGE | | 41 SF |
| A114 | JAN | JANITOR CLOSET | 61 SF |
| A115 | GYM | GYMNASIUM/WORKOUT ROOM | 834 SF |
| A116 | WAGON | WAGON STORAGE | 23 SF |
| A117 | RR | RESTROOM | 76 SF |
| A118 | CREW | CREW WORK ROOM | 191 SF |
| A119 | BC OFFICE | BATTALION CHIEF'S OFFICE | 104 SF |
| A120 | BC DORM | BATTALION CHIEF'S DORM | 89 SF |
| A121 | BC RR | BATTALTION CHIEF'S RESTROOM | 79 SF |
| A122 | CADET | CADET WORK ROOM | 124 SF |
| A123 | COMP | | 27 SF |
| A124 | YD ST | | 58 SF |
| A125 | ELEC | ELECTRICAL ROOM | 83 SF |
| A126 | FR | FIRE RISER ROOM | 30 SF |
| A127 | STOR | STORAGE ROOM | 69 SF |
| A128 | GEAR WASH ROOM | | 138 SF |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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A B C

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG A - FIRST FLOOR PLAN**

**AA2.1**

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BLDG A - SECOND FLOOR PLAN
AA2.2
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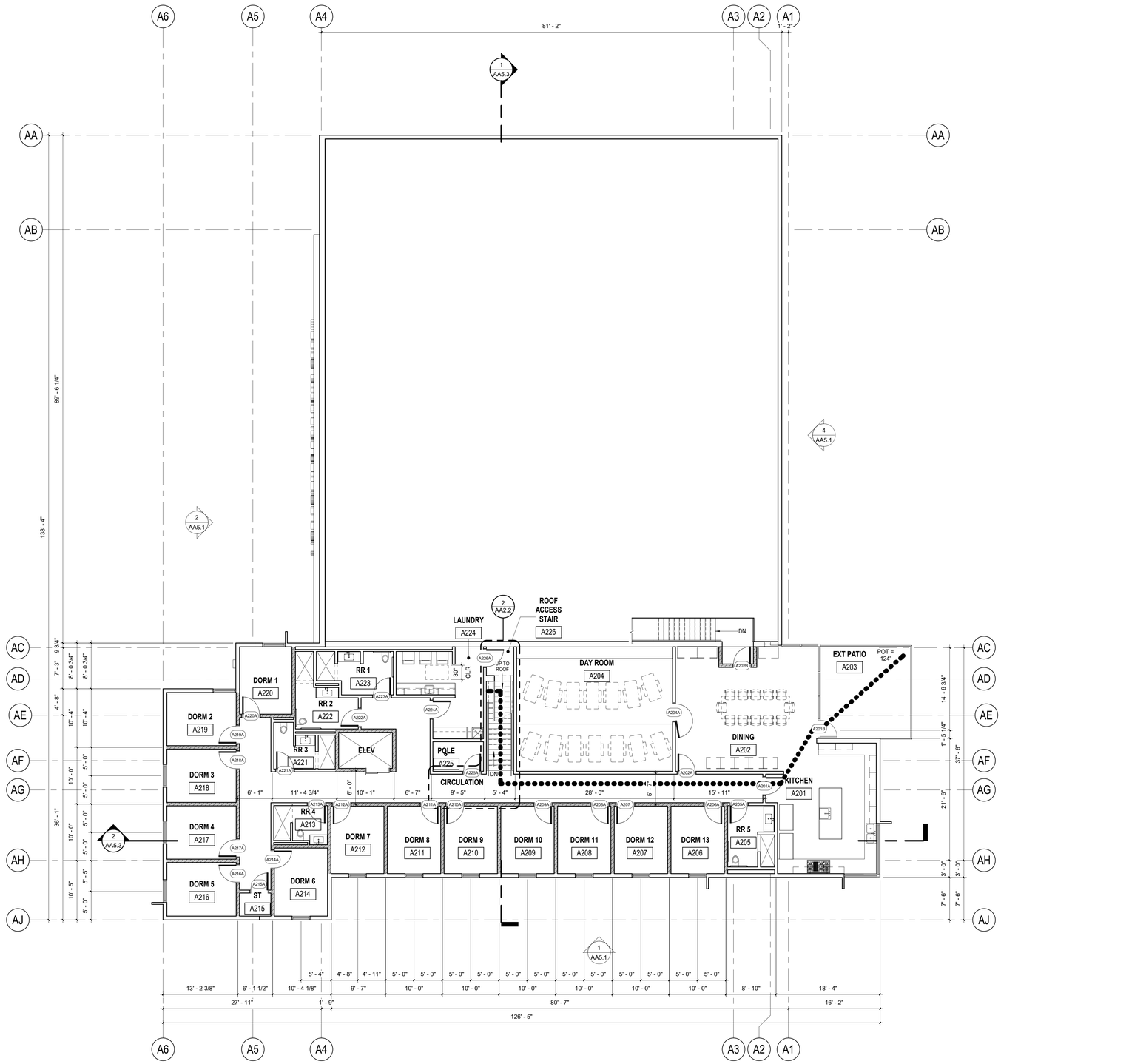
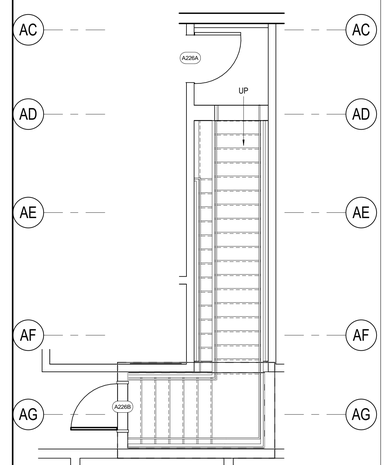



| ROOM SCHEDULE | | | |
|---|---|---|---|
| NUMBER | TITLE | DESCRIPTION | Area |
| A20 | CIRCULATION | | 807 SF |
| A201 | KITCHEN | | 374 SF |
| A202 | DINING | | 527 SF |
| A203 | EXT PATIO | | 159 SF |
| A204 | DAY ROOM | | 604 SF |
| A205 | RR 5 | RESTROOM #5 (ACCESSIBLE) | 88 SF |
| A206 | DORM 13 | DORMITORY | 112 SF |
| A207 | DORM 12 | DORMITORY | 112 SF |
| A208 | DORM 11 | DORMITORY | 112 SF |
| A209 | DORM 10 | DORMITORY | 112 SF |
| A210 | DORM 9 | DORMITORY | 112 SF |
| A211 | DORM 8 | DORMITORY | 112 SF |
| A212 | DORM 7 | DORMITORY | 111 SF |
| A213 | RR 4 | RESTROOM #4 | 60 SF |
| A214 | DORM 6 | | 113 SF |
| A215 | ST | STORAGE | 23 SF |
| A216 | DORM 5 | DORMITORY | 116 SF |
| A217 | DORM 4 | DORMITORY | 115 SF |
| A218 | DORM 3 | DORMITORY | 115 SF |
| A219 | DORM 2 | DORMITORY | 115 SF |
| A220 | DORM 1 | DORMITORY | 110 SF |
| A221 | RR 3 | RESTROOM #3 | 51 SF |
| A222 | RR 2 | RESTROOM #2 (ACCESSIBLE) | 95 SF |
| A223 | RR 1 | RESTROOM #1 (ACCESSIBLE) | 73 SF |
| A224 | LAUNDRY | | 188 SF |
| A225 | POLE | FIREMAN'S POLE | 47 SF |
| A226 | ROOF ACCESS STAIR | | 24 SF |




BUILDING A SECOND FLOOR PLAN | 1/8" = 1'-0" | 1 | BLDG A ROOF ACCESS STAIR | 1/4" = 1'-0" | 2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# MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
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| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG A - SECOND FLOOR PLAN**

**AA2.2**


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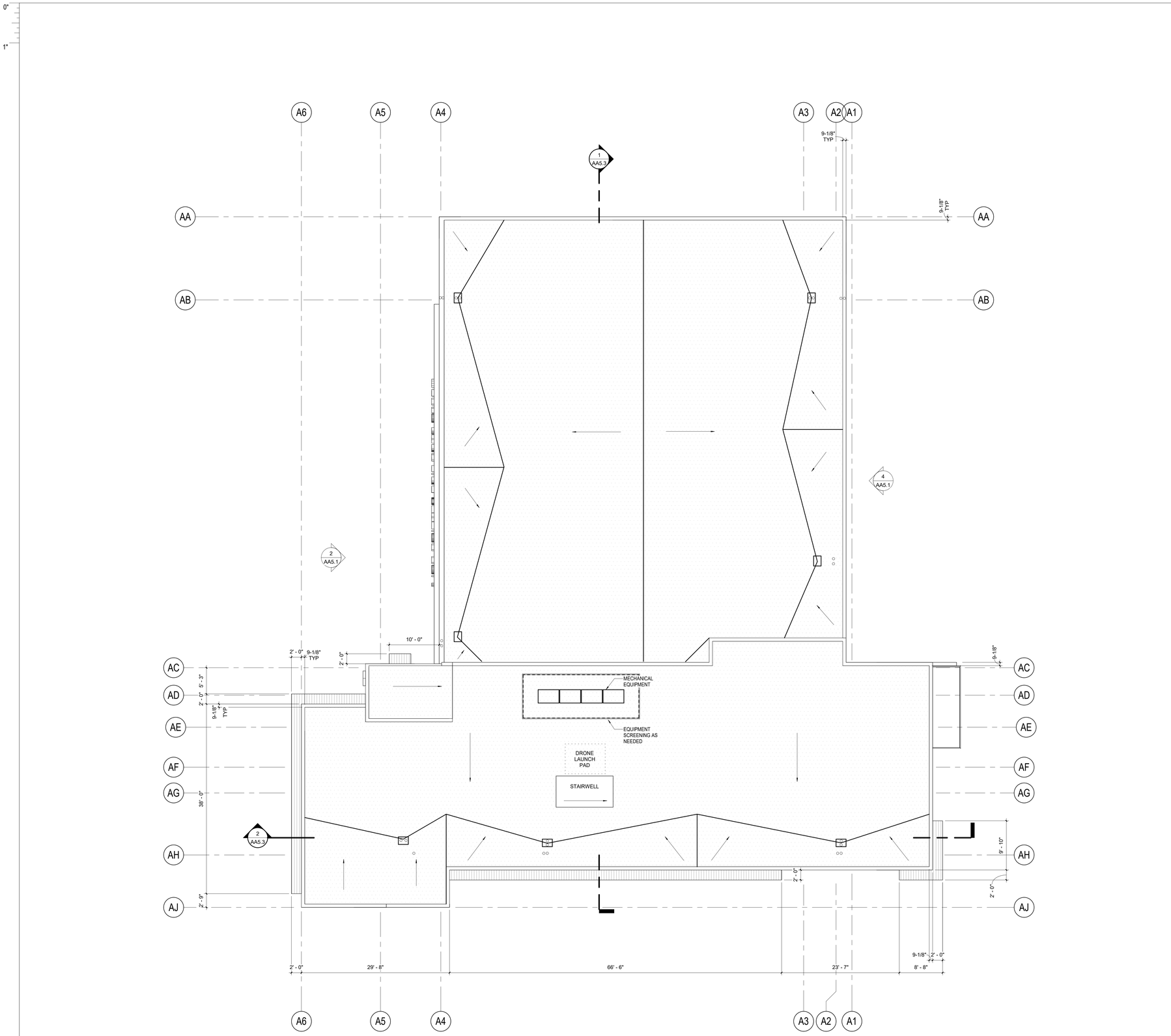


SCALE : 1/8" = 1'-0"

## ROOF LEGEND

SINGLE-PLY ROOFING W/ FELTBACK
COLOR: WHITE

FIBER CEMENT
COLOR: WOOD TONE

## REFERENCE NOTES

| KEYNOTE | DESCRIPTION |
|---|---|

BUILDING A ROOF PLAN | 1/8" = 1'-0" | 1


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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A B C

KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

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PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG A - ROOF PLAN**

**AA4.1**

BLDG A - ROOF PLAN
AA4.1
FOR BLUEBEAM LABELING/OCR:

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BLDG A - EXTERIOR ELEVATIONS

AA5.1

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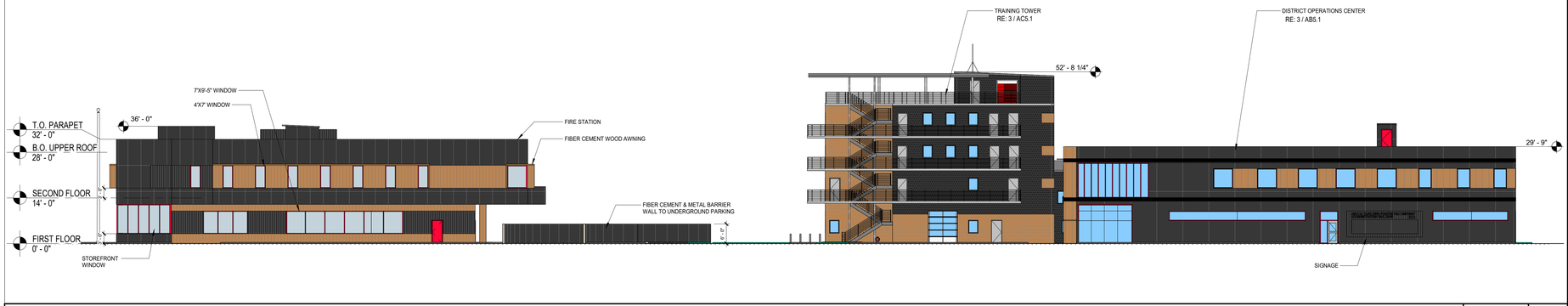
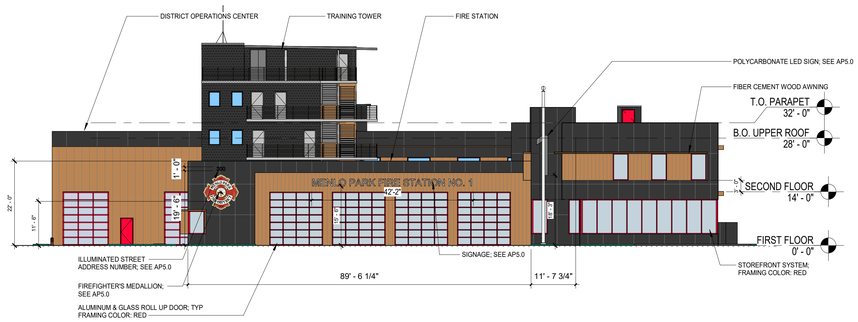
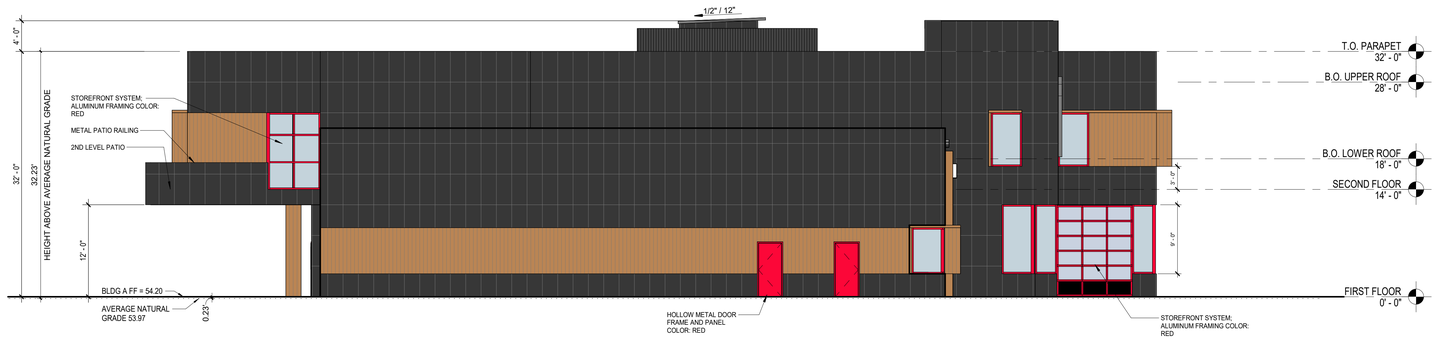


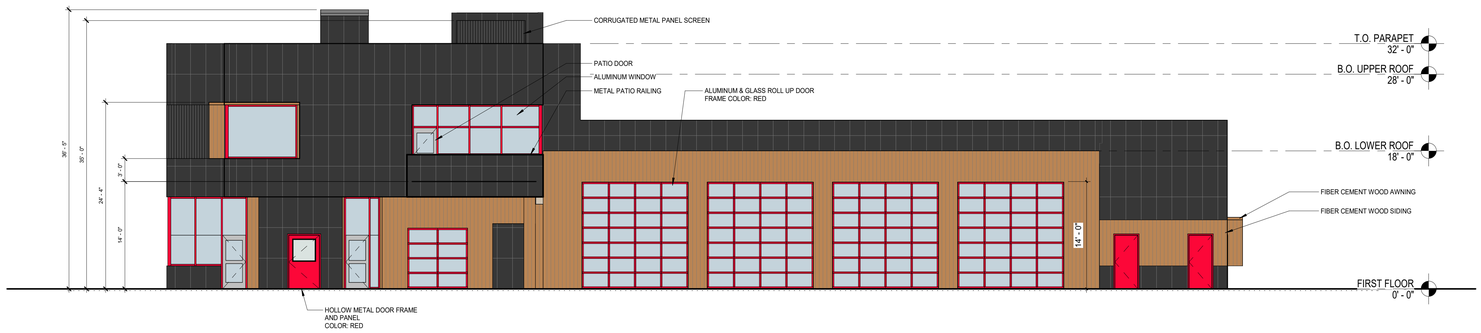

OVERALL EXTERIOR ELEVATION - VIEW FROM SANTA MONICA AVE | 1/16" = 1'-0" | 1




OVERALL EXTERIOR ELEVATION - VIEW FROM MIDDLEFIELD ROAD | 1/16" = 1'-0" | 2




BLDG A - EXTERIOR ELEVATION NORTH | 1/8" = 1'-0" | 3




BLDG A - EXTERIOR ELEVATION WEST | 1/8" = 1'-0" | 4

## ELEVATION LEGEND

**BLACK METAL PANEL**
MANUFACTURER: NICHIHA
SERIES: TUFFBLOCK MODERN SERIES
COLOR: STEEL

**WOOD TONE FIBER CEMENT PLANK**
MANUFACTURER: NICHIHA FIBER CEMENT
SERIES: VINTAGEWOOD WOOD SERIES
COLOR: POPLAR

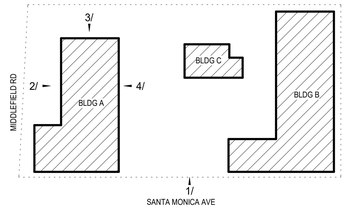
**EXTERIOR GLAZING**
GREY TINTED; 1" THICH INSULATED GLAZING CONSISTING OF:
OUTER PANE = 1/4" THICK TEMPERED SOLARBAN Z75
1/2" AIR GAP
INNER PANE = 1/4" THICK CLEAR TEMPERED WITH LOW-E COATING

**BLACK CORRUGATED METAL**
MANUFACTURER: AEP SPAN
SERIES: NU-WAVE CORRUGATED METAL SIDING
COLOR: MIDNIGHT BRONZE

BLACK CMU

TAN CMU

## SITE KEY





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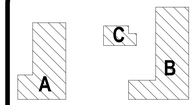
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

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PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG A - EXTERIOR ELEVATIONS**

**AA5.1**

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BLDG A - BUILDING SECTIONS
AA5.3
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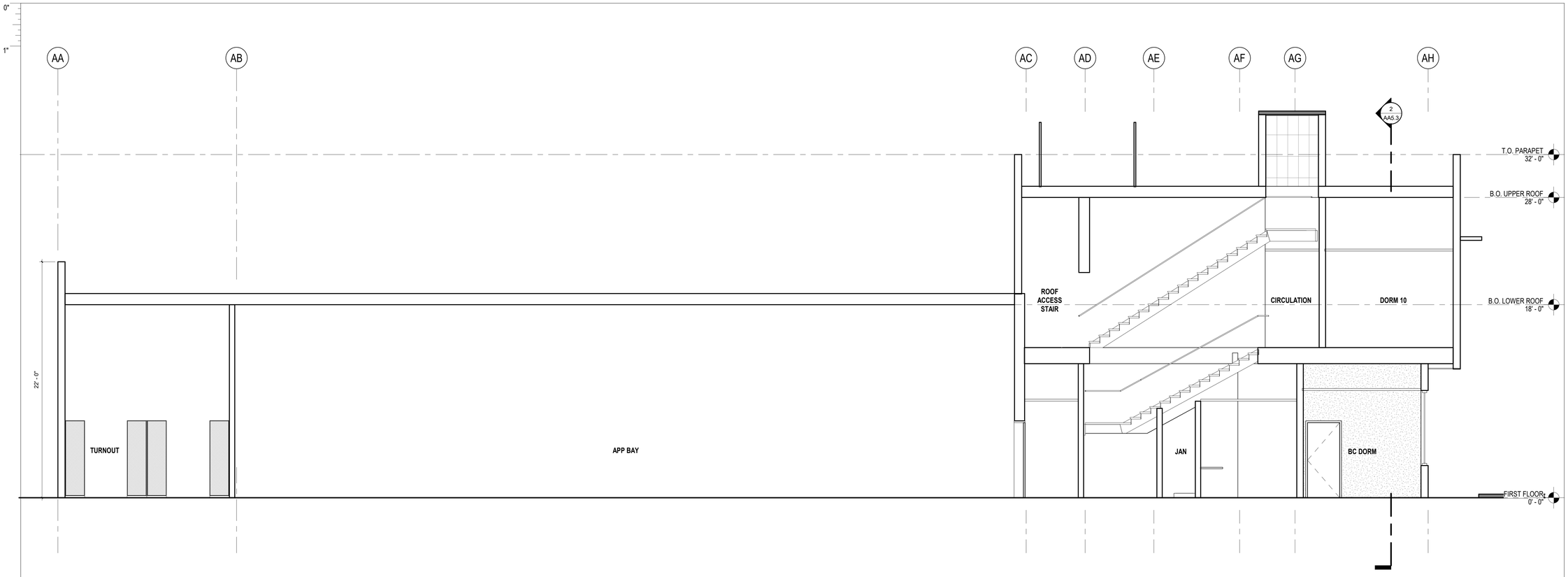
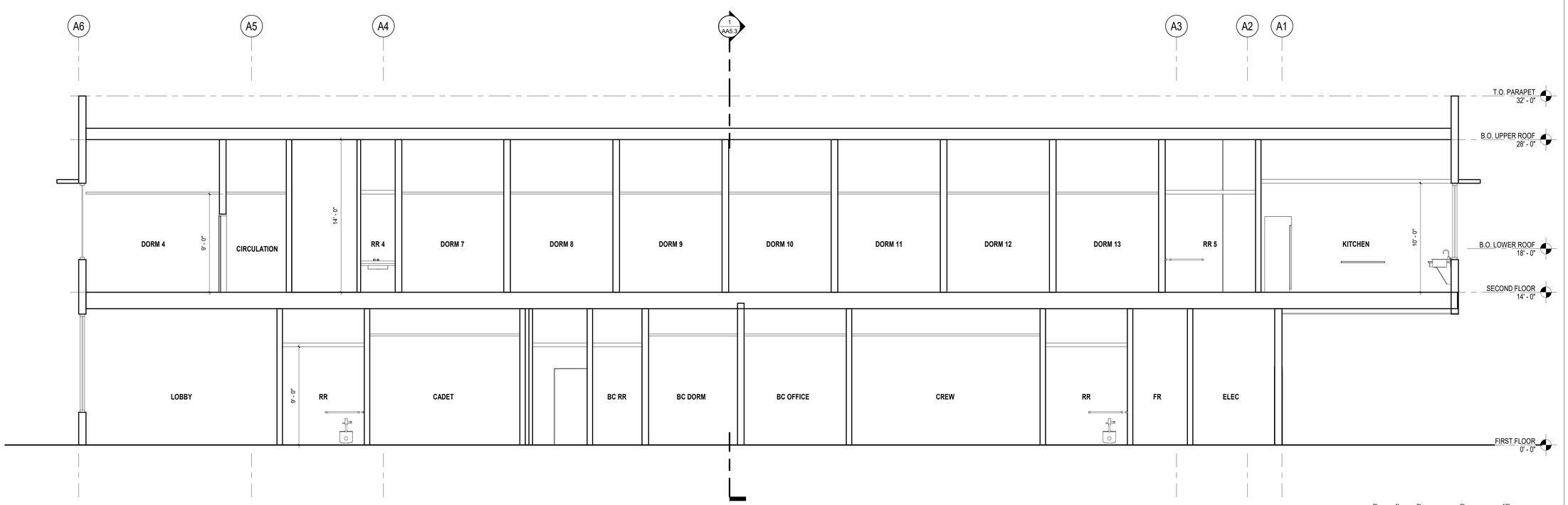



BLDG A BUILDING SECTION | 1/4" = 1'-0" | 1




BLDG A BUILDING SECTION | 1/4" = 1'-0" | 2

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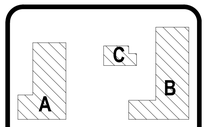
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

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|---|---|---|
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PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG A - BUILDING SECTIONS**

**AA5.3**

0"

1"

BLDG B - CODE ANALYSIS

AB2.0

FOR BLUEBEAM LABELING/OCR:

## CODE ANALYSIS LEGEND

BUILDING A FIRST FLOOR OCCUPANCY: 87 OCCUPANTS
BUILDING A SECOND FLOOR OCCUPANCY: 14 OCCUPANTS
**TOTAL BUILDING A OCCUPANTS: 101 OCCUPANTS**

BUILDING A OCCUPANCY TYPE: B, S-2, R-2; MOST STRINGENT : R-2
BUILDING A CONSTRUCTION TYPE: VB; SPRINKLERED
BUILDING A ALLOWABLE SQUARE FOOTAGE: 21,000 SF PER STORY
**BUILDING A TOTAL SQUARE FOOTAGE : 16,442.5 SF**

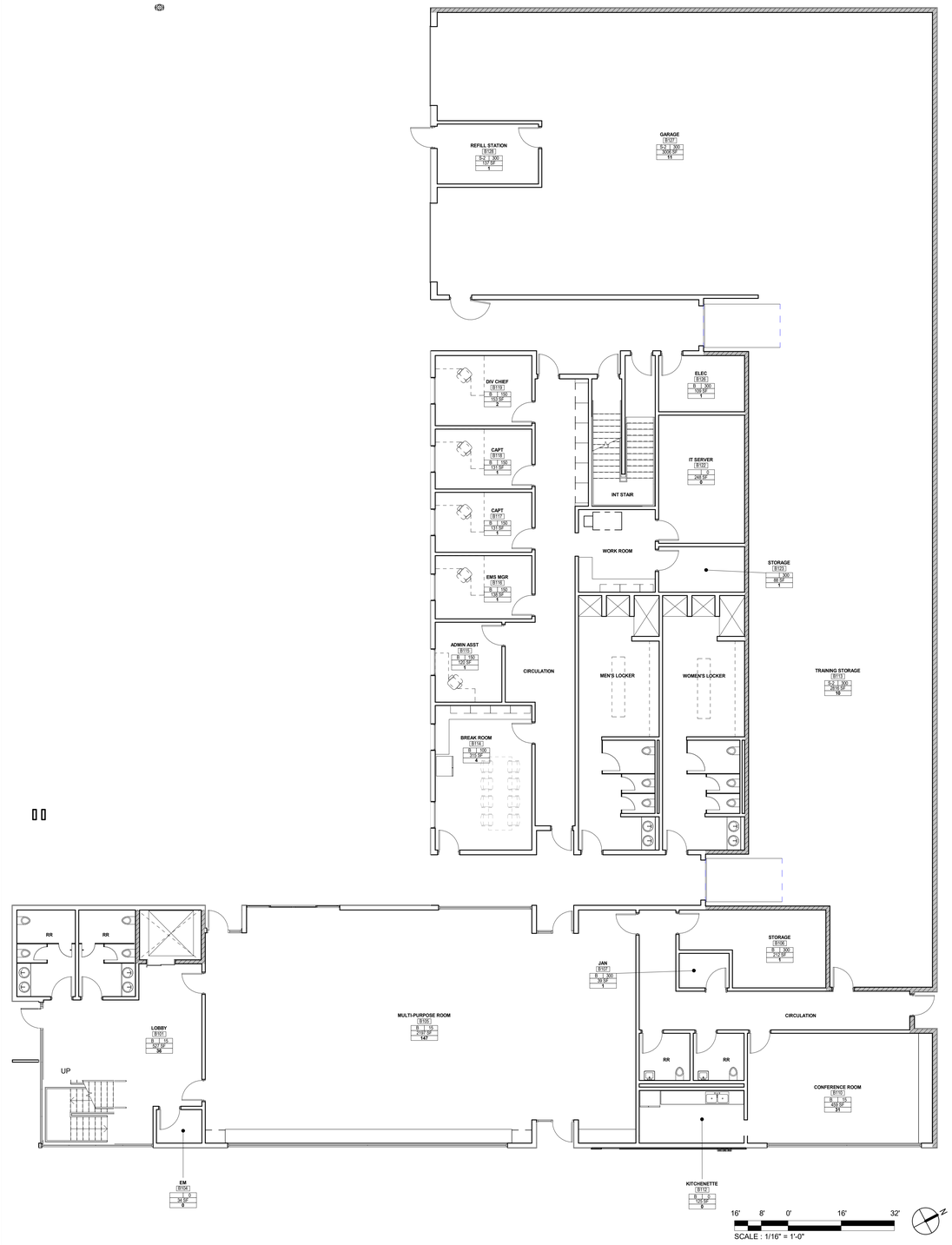
BUILDING A OCCUPANCY TYPE: B, S-2; MOST STRINGENT : B
BUILDING A CONSTRUCTION TYPE: VB; SPRINKLERED
BUILDING B ALLOWABLE SQUARE FOOTAGE: 27,000 SF PER STORY
**BUILDING B TOTAL SQUARE FOOTAGE : 33,074.4 SF**

1-HR FIRE RATED WALL

**OCCUPANCY LOAD**

| | |
|---|---|
| STORAGE | 300 S.F. / OCCUPANT |
| ASSEMBLY/LOBBY | 15 S.F. / OCCUPANT |
| BUSINESS AREA/OFFICE | 150 S.F. / OCCUPANT |
| DORMITORY | 1 OCCUPANT/BED |
| EXERCISE ROOM | 50 S.F. / OCCUPANT |
| APP BAY/PARKING | 200 S.F. / OCCUPANT |
| WORKSHOP | 50 S.F. / OCCUPANT |
| CONCENTRATED BUSINESS | 50 S.F./OCCUPANT |

BUILDING B SECOND FLOOR CODE ANALYSIS | 1/8" = 1'-0" | 2




BUILDING B FIRST FLOOR CODE ANALYSIS | 1/8" = 1'-0" | 1

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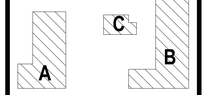
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
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**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**BLDG B - CODE ANALYSIS**

**AB2.0**

**FILE PATH:** Autodesk Docs://Menlo Park FPD_230532_Fire Station No 1/AR25_230532_Menlo Park FS 1_SD.rvt

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BLDG B - BASEMENT

AB2.1

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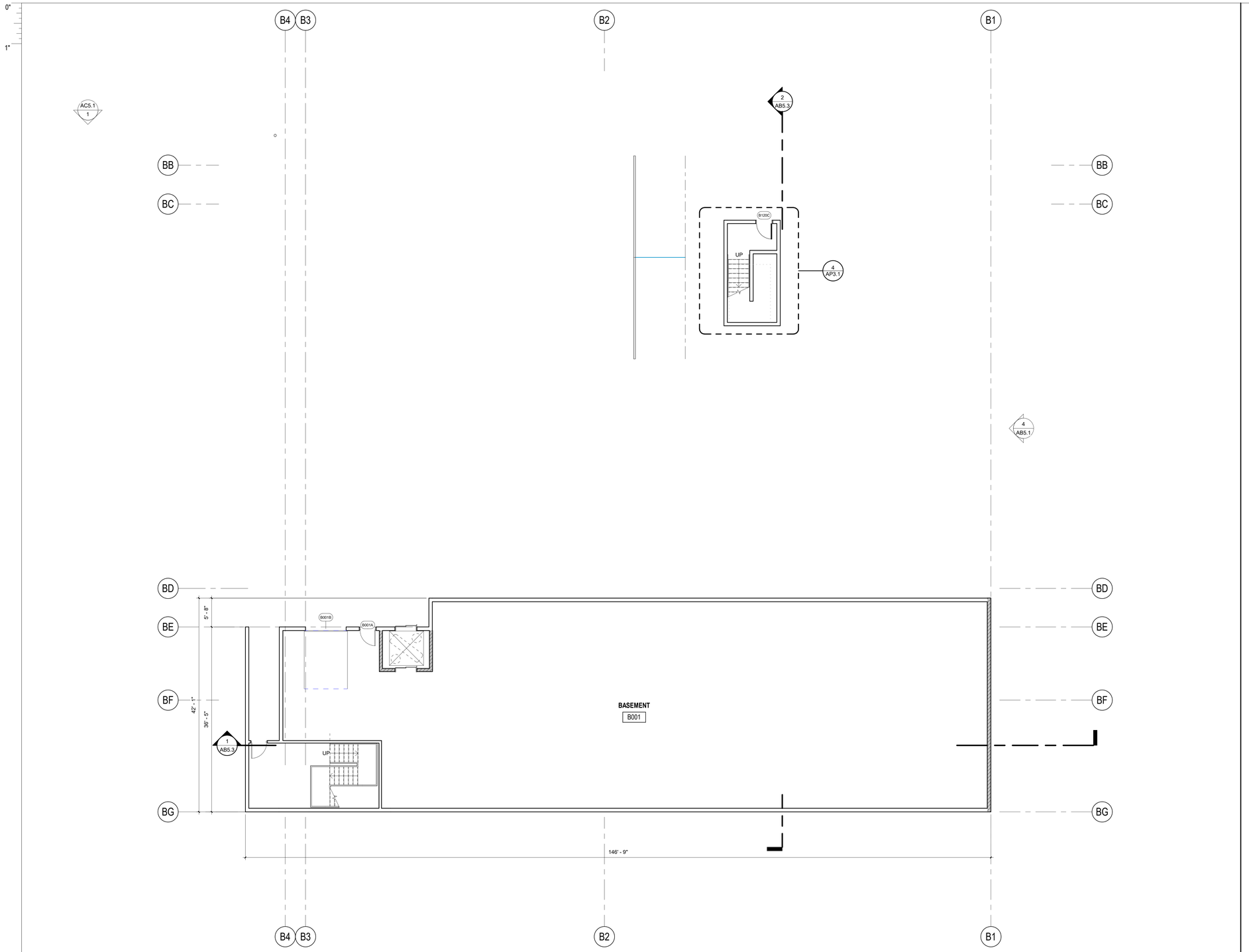


| ROOM SCHEDULE | | | |
|---|---|---|---|
| NUMBER | TITLE | DESCRIPTION | Area |
| B001 | BASEMENT | | 5129 SF |


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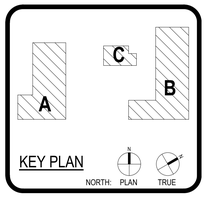
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




DISCIPLINE

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| DATE | PROJECT NUMBER |
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DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG B - BASEMENT**

**AB2.1**

| BUILDING B BASEMENT | 1/8" = 1'-0" | 1 |
|---|---|---|

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BLDG B - FIRST FLOOR PLAN
AB2.2
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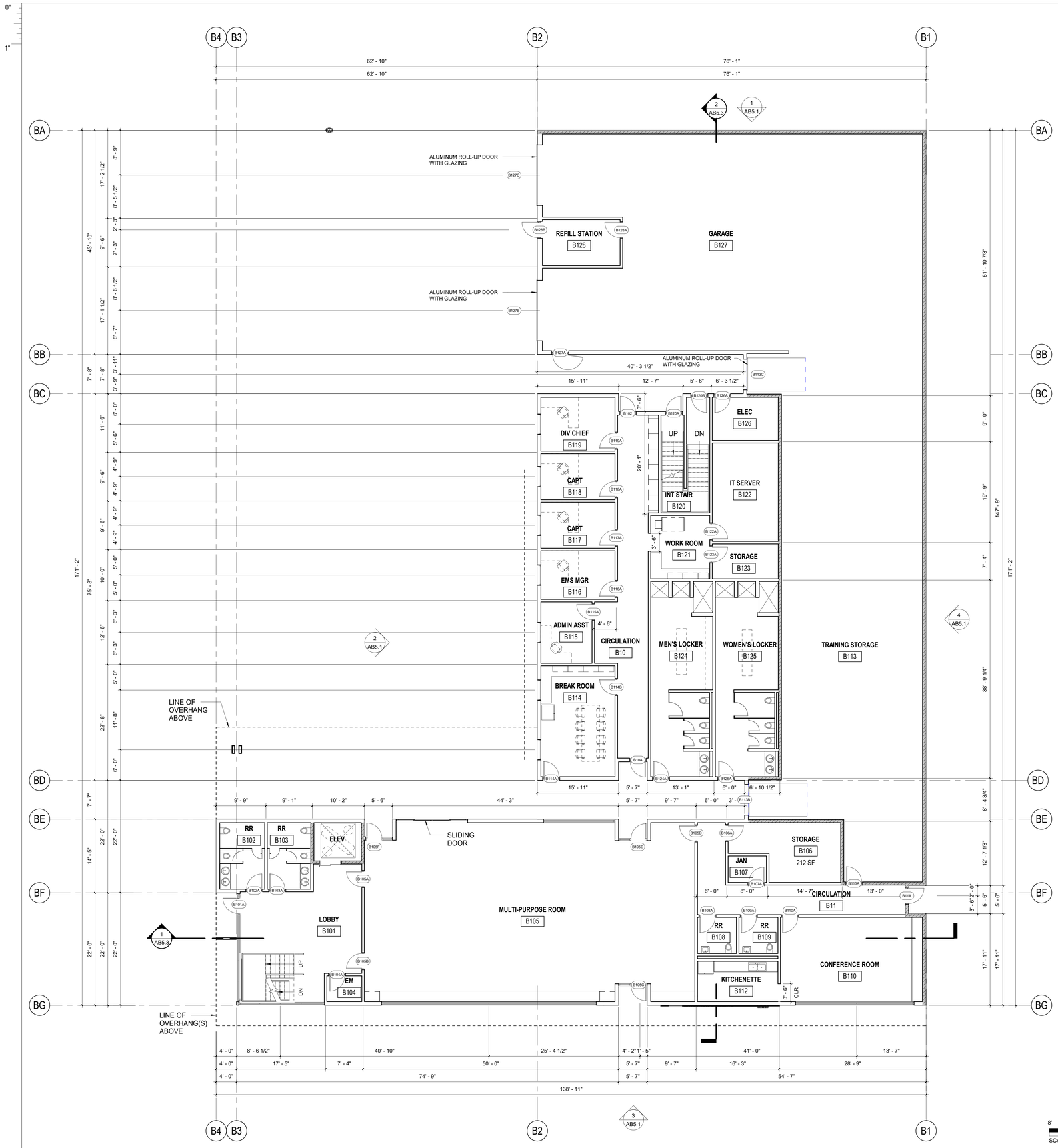


| ROOM SCHEDULE | | | |
|---|---|---|---|
| NUMBER | TITLE | DESCRIPTION | Area |
| B10 | CIRCULATION | | 495 SF |
| B11 | CIRCULATION | | 303 SF |
| B101 | LOBBY | | 527 SF |
| B102 | RR | RESTROOM | 114 SF |
| B103 | RR | RESTROOM | 111 SF |
| B104 | EM | ELEVATOR MACHINE ROOM | 34 SF |
| B105 | MULTI-PURPOSE ROOM | | 2197 SF |
| B106 | STORAGE | | 212 SF |
| B107 | JAN | JANITOR CLOSET | 39 SF |
| B108 | RR | RESTROOM | 54 SF |
| B109 | RR | RESTROOM | 54 SF |
| B110 | CONFERENCE ROOM | | 459 SF |
| B112 | KITCHENETTE | | 125 SF |
| B113 | TRAINING STORAGE | | 2816 SF |
| B114 | BREAK ROOM | | 315 SF |
| B115 | ADMIN ASST | ADMINISTRATIVE ASSISTANCE'S OFFICE | 120 SF |
| B116 | EMS MGR | EMERGENCY MEDICAL SERVICES MANAGER | 138 SF |
| B117 | CAPT | CAPTAIN'S OFFICE | 131 SF |
| B118 | CAPT | CAPTAIN'S OFFICE | 131 SF |
| B119 | DIV CHIEF | DIVISION CHIEF'S OFFICE | 153 SF |
| B120 | INT STAIR | INTERIOR STAIR | 191 SF |
| B121 | WORK ROOM | | 143 SF |
| B122 | IT SERVER | | 248 SF |
| B123 | STORAGE | | 88 SF |
| B124 | MEN'S LOCKER | MEN'S LOCKER ROOM | 442 SF |
| B125 | WOMEN'S LOCKER | | 449 SF |
| B126 | ELEC | ELECTRICAL ROOM | 109 SF |
| B127 | GARAGE | | 3006 SF |
| B128 | REFILL STATION | | 137 SF |

BUILDING B FIRST FLOOR PLAN | 1/8" = 1'-0" | 1

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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT
DATE 4/24/25
PROJECT NUMBER 230532
DRAWING HISTORY

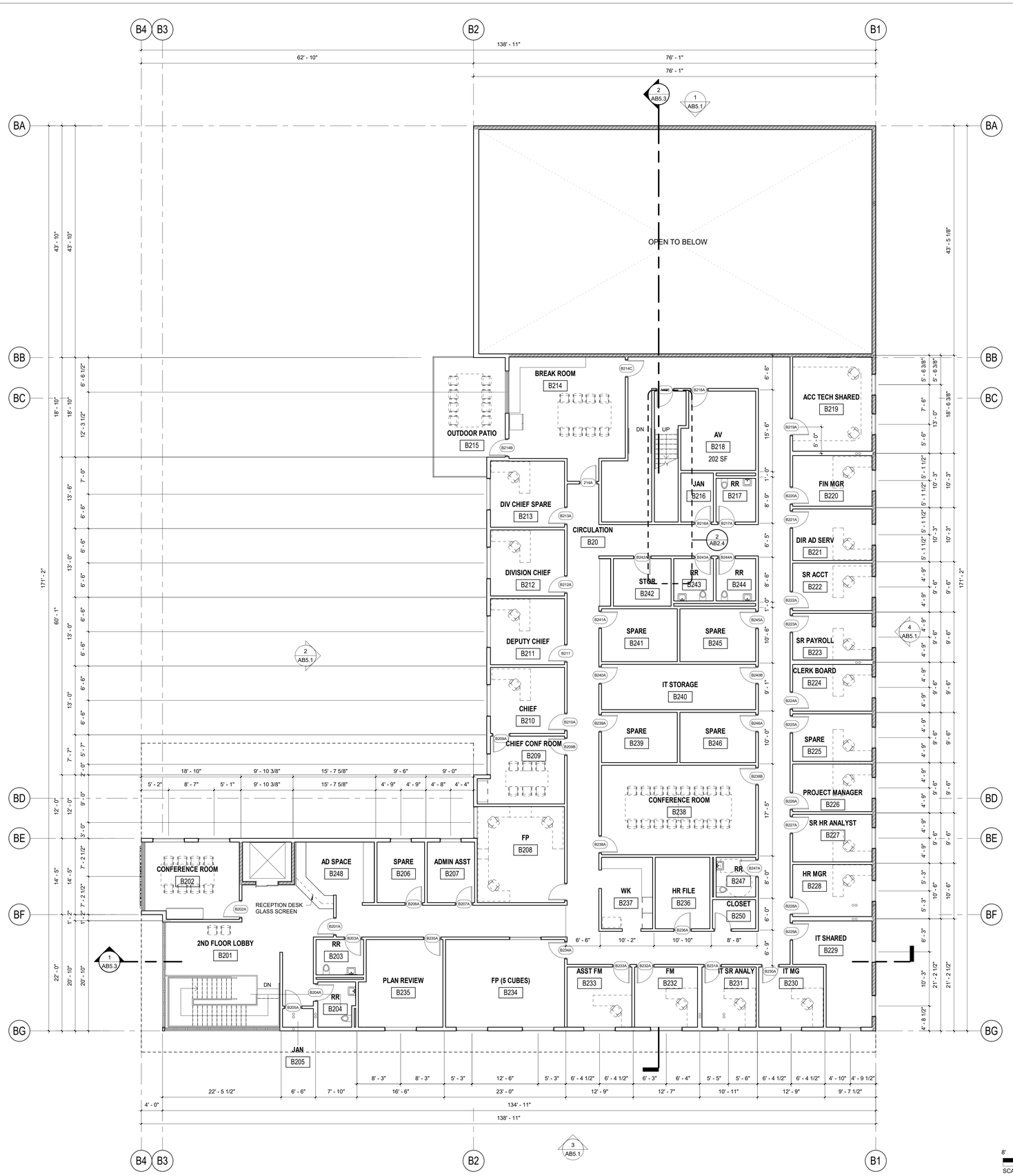
| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL
BUILDING NUMBER

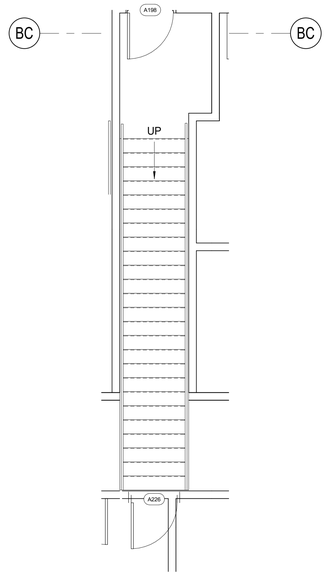
**BLDG B - FIRST FLOOR PLAN**

**AB2.2**

BLDG B - SECOND FLOOR PLAN
AB2.4
FOR BLUEBEAM LABELING/OCR:




| ROOM SCHEDULE | | | |
|---|---|---|---|
| NUMBER | TITLE | DESCRIPTION | Area |
| A103 | CAPT OFF | CAPTAIN'S OFFICE | 3155 SF |
| B20 | CIRCULATION | | 2203 SF |
| B201 | 2ND FLOOR LOBBY | | 362 SF |
| B202 | CONFERENCE ROOM | | 254 SF |
| B203 | RR | RESTROOM | 60 SF |
| B204 | RR | RESTROOM | 58 SF |
| B205 | JAN | JANITOR CLOSET | 20 SF |
| B206 | SPARE | SPARE OFFICE FOR FUTURE GROWTH | 103 SF |
| B207 | ADMIN ASST | ADMIN ASSISTANT OFFICE | 103 SF |
| B208 | FP | FIRE PREVENTION OPEN OFFICE | 300 SF |
| B209 | CHIEF CONF ROOM | CHIEF CONFERENCE ROOM | 192 SF |
| B210 | CHIEF | CHIEF OFFICE | 175 SF |
| B211 | DEPUTY CHIEF | DEPUTY CHIEF OFFICE | 175 SF |
| B212 | DIVISION CHIEF | DIVISION CHIEF OFFICE | 175 SF |
| B213 | DIV CHIEF SPARE | SPARE OFFICE FOR FUTURE GROWTH | 176 SF |
| B214 | BREAK ROOM | | 448 SF |
| B215 | OUTDOOR PATIO | | 297 SF |
| B216 | JAN | JANITOR CLOSET | 57 SF |
| B217 | RR | RESTROOM | 62 SF |
| B218 | AV | AV STORAGE ROOM | 202 SF |
| B219 | ACC TECH SHARED | IT SHARED SPACE | 267 SF |
| B220 | FIN MGR | FINANCE MANAGER OFFICE | 144 SF |
| B221 | DIR AD SERV | DIRECTOR OF AMINISTRATIVE SERVICES OFFICE | 146 SF |
| B222 | SR ACCT | SENIOR ACCOUNTANT OFFICE | 135 SF |
| B223 | SR PAYROLL | SENIOR PAYROLL'S OFFICE | 132 SF |
| B224 | CLERK BOARD | CLERK OF THE BOARD OFFICE | 132 SF |
| B225 | SPARE | SPARE OFFICE FOR FUTURE GROWTH | 135 SF |
| B226 | PROJECT MANAGER | PROJECT MANAGER'S OFFICE | 135 SF |
| B227 | SR HR ANALYST | SENIOR HUMAN RESOURCES ANALYST OFFICE | 135 SF |
| B228 | HR MGR | HUMAN RESOURCES MANAGER OFFICE | 147 SF |
| B229 | IT SHARED | IT SHARED OFFICE | 226 SF |
| B230 | IT MG | IT MANAGER OFFICE | 139 SF |
| B231 | IT SR ANALY | SR IT ANALYST OFFICE | 116 SF |
| B232 | FM | FIRE MARSHAL'S OFFICE | 135 SF |
| B233 | ASST FM | ASSISTANT FIRE MARSHAL'S OFFICE | 139 SF |
| B234 | FP (5 CUBES) | FIRE PREVENTION SHARED ROOM | 372 SF |
| B235 | PLAN REVIEW | | 253 SF |
| B236 | HR FILE | HUMAN RESOURCES FILE ROOM | 140 SF |
| B237 | WK | WORK COPIER ROOM | 131 SF |
| B238 | CONFERENCE ROOM | | 493 SF |
| B239 | SPARE | SPARE OFFICE FOR FUTURE GROWTH | 136 SF |
| B240 | IT STORAGE | | 250 SF |
| B241 | SPARE | SPARE OFFICE FOR FUTURE GROWTH | 143 SF |
| B242 | STOR | STORAGE ROOM | 98 SF |
| B243 | RR | RESTROOM | 60 SF |
| B244 | RR | RESTROOM | 60 SF |
| B245 | SPARE | SPARE OFFICE FOR FUTURE GROWTH | 143 SF |
| B246 | SPARE | SPARE OFFICE FOR FUTURE GROWTH | 136 SF |
| B247 | RR | RESTROOM | 56 SF |
| B248 | AD SPACE | ADMINISTRATION DESK | 172 SF |
| B250 | CLOSET | | 45 SF |




BUILDING B SECOND FLOOR PLAN | 1/8" = 1'-0" | 1

ROOF ACCESS STAIR PLAN | 1/4" = 1'-0" | 2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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG B - SECOND FLOOR PLAN**

**AB2.4**

**FILE PATH:** Autodesk Docs://Menlo Park FPD_230532_Fire Station No 1/AR25_230532_Menlo Park FS 1_SD.rvt

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Author
**PLOT STAMP:**
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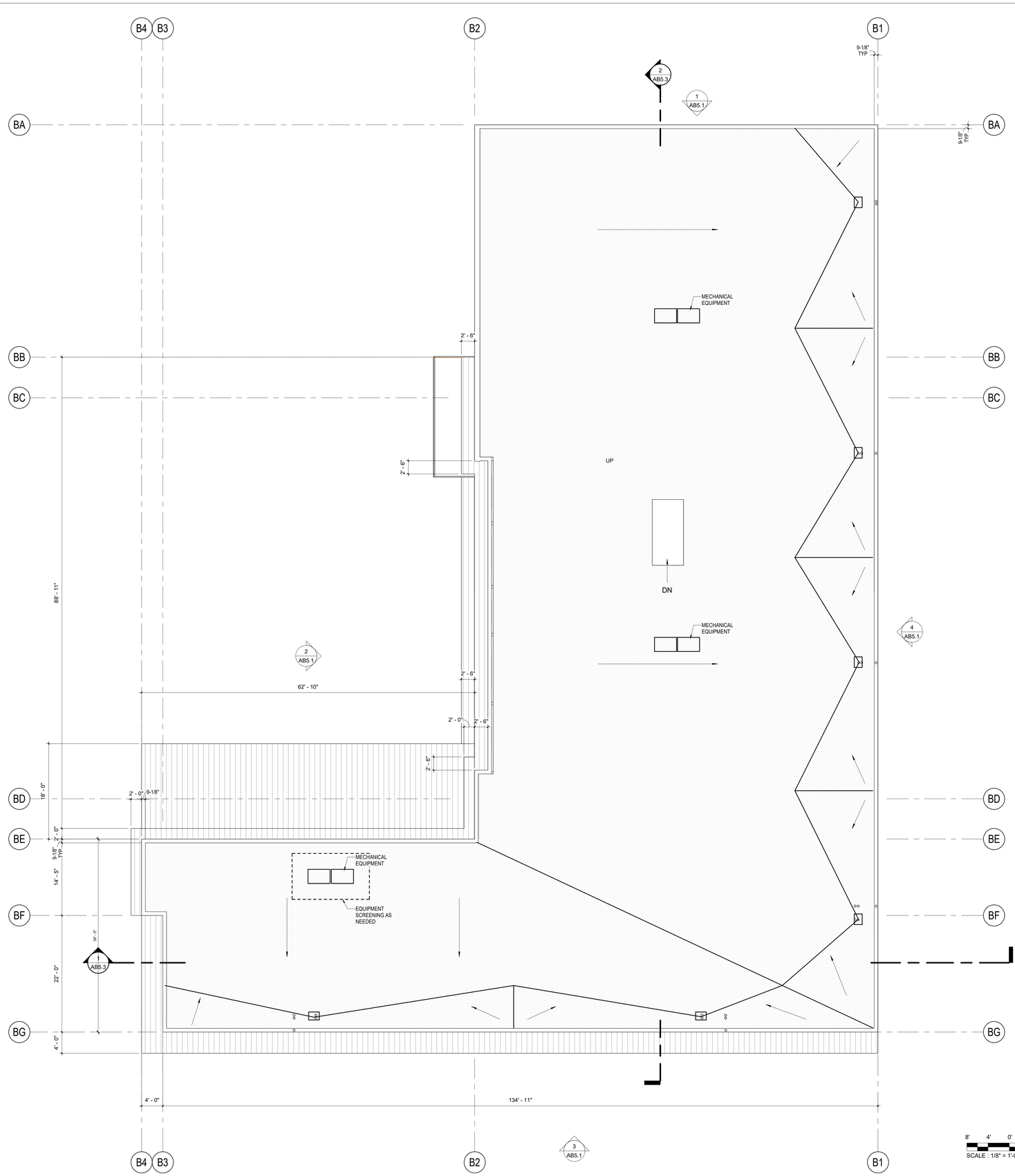
BLDG B - ROOF PLAN
AB4.1
FOR BLUEBEAM LABELING/OCR:




## ROOF LEGEND

SINGLE-PLY ROOFING W/ FELTBACK
COLOR: WHITE

FIBER CEMENT
COLOR: WOOD TONE

BUILDING B ROOF PLAN | 1/8" = 1'-0" | 1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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A B C

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG B - ROOF PLAN**

**AB4.1**

FILE PATH: C:\Users\kclancy\Documents\230532_Menlo Park FS 1_SD_kelly.clancy.YS24T.rvt
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DRAWN BY: Author
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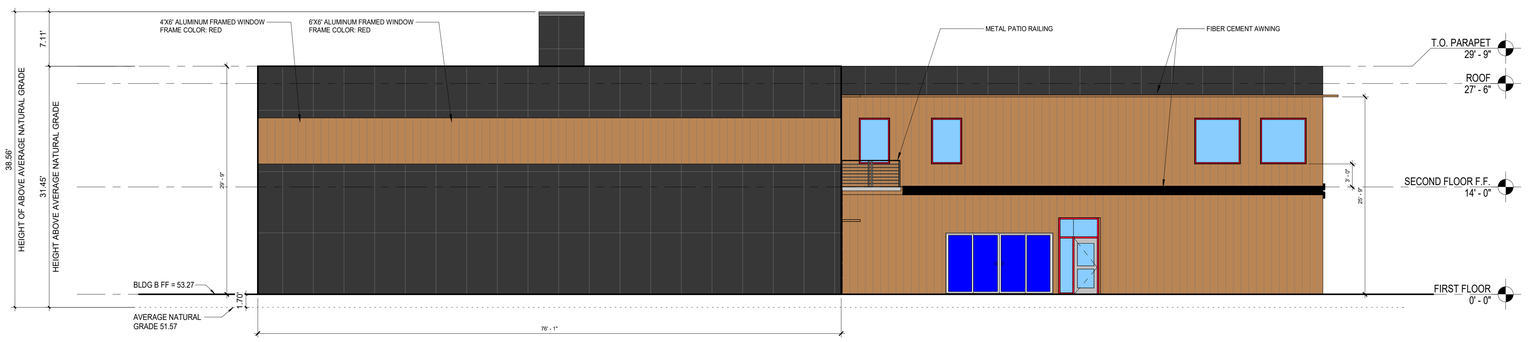
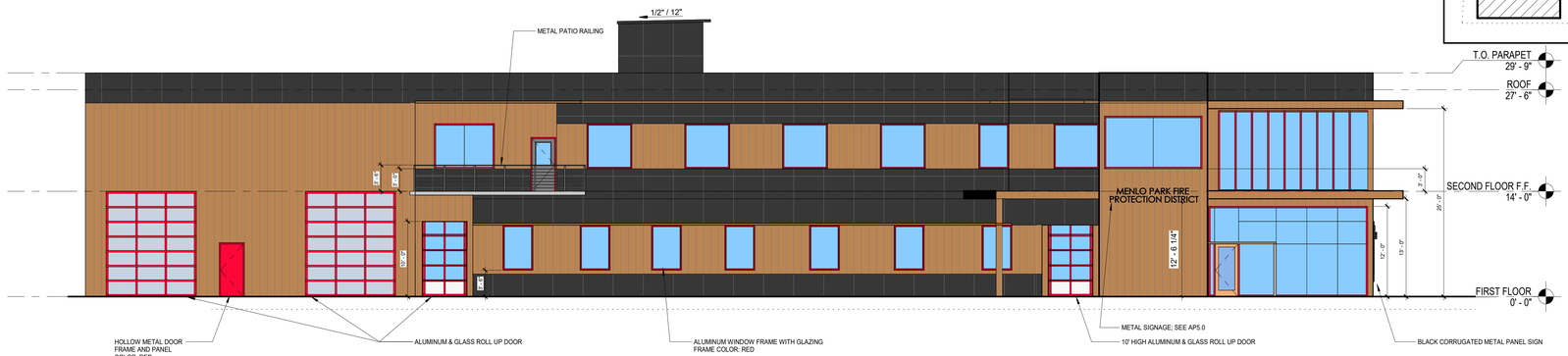
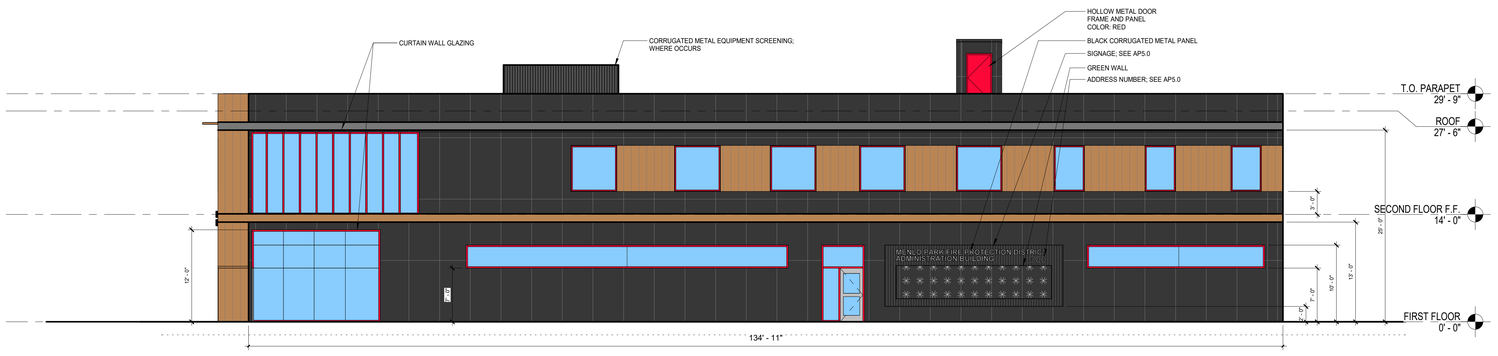


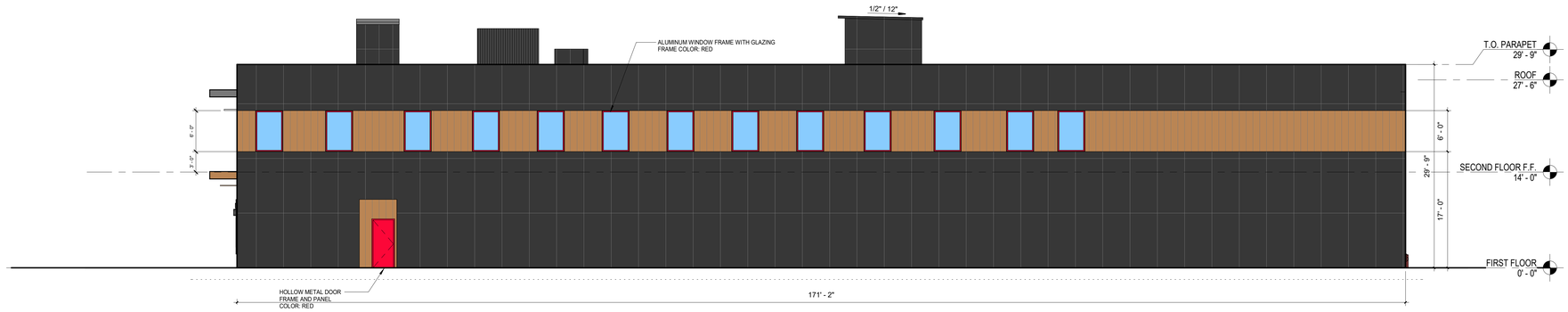

## BLDG B - EXTERIOR ELEVATION NORTH | 1/8" = 1'-0" | 1




## BLDG B - EXTERIOR ELEVATION EAST | 1/8" = 1'-0" | 2




## BLDG B - EXTERIOR ELEVATION SOUTH | 1/8" = 1'-0" | 3




## BLDG B - EXTERIOR ELEVATION WEST | 1/8" = 1'-0" | 4

## ELEVATION LEGEND

**BLACK METAL PANEL**
MANUFACTURER: NICHIHA
SERIES: TUFFBLOCK MODERN SERIES
COLOR: STEEL

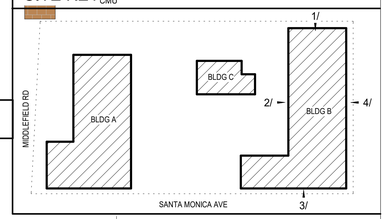
**WOOD TONE FIBER CEMENT PLANK**
MANUFACTURER: NICHIHA FIBER CEMENT
SERIES: VINTAGEWOOD WOOD SERIES
COLOR: POPLAR

**EXTERIOR GLAZING**
GREY TINTED; 1" THICH INSULATED GLAZING CONSISTING OF:
OUTER PANE = 1/4" THICK TEMPERED SOLARBAN Z75
1/2" AIR GAP
INNER PANE = 1/4" THICK CLEAR TEMPERED WITH LOW-E COATING

**BLACK CORRUGATED METAL**
MANUFACTURER: AEP SPAN
SERIES: NU-WAVE CORRUGATED METAL SIDING
COLOR: MIDNIGHT BRONZE

BLACK CMU

## SITE KEY

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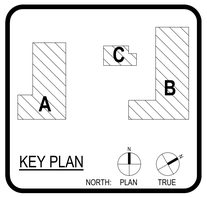
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

ALUMINUM WINDOW FRAME WITH GLAZING
FRAME COLOR: RED
CLIENT LOGO




DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
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| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
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**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**BLDG B - EXTERIOR ELEVATIONS**

**AB5.1**

**BLDG B - EXTERIOR ELEVATIONS**
**AB5.1**
**FOR BLUEBEAM LABELING/OCR:**

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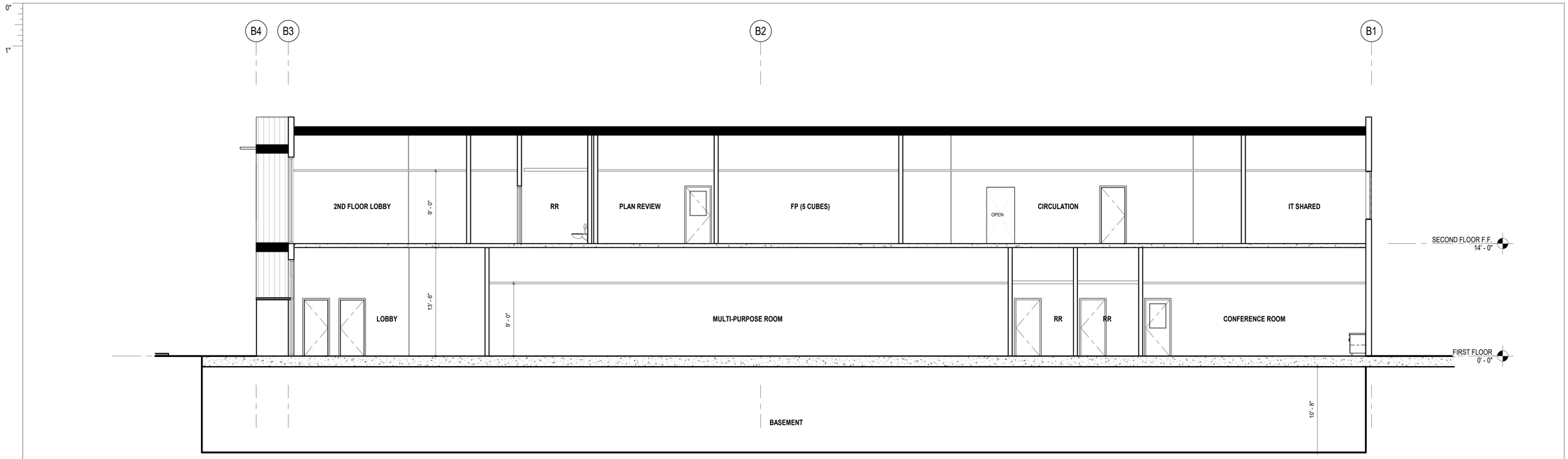
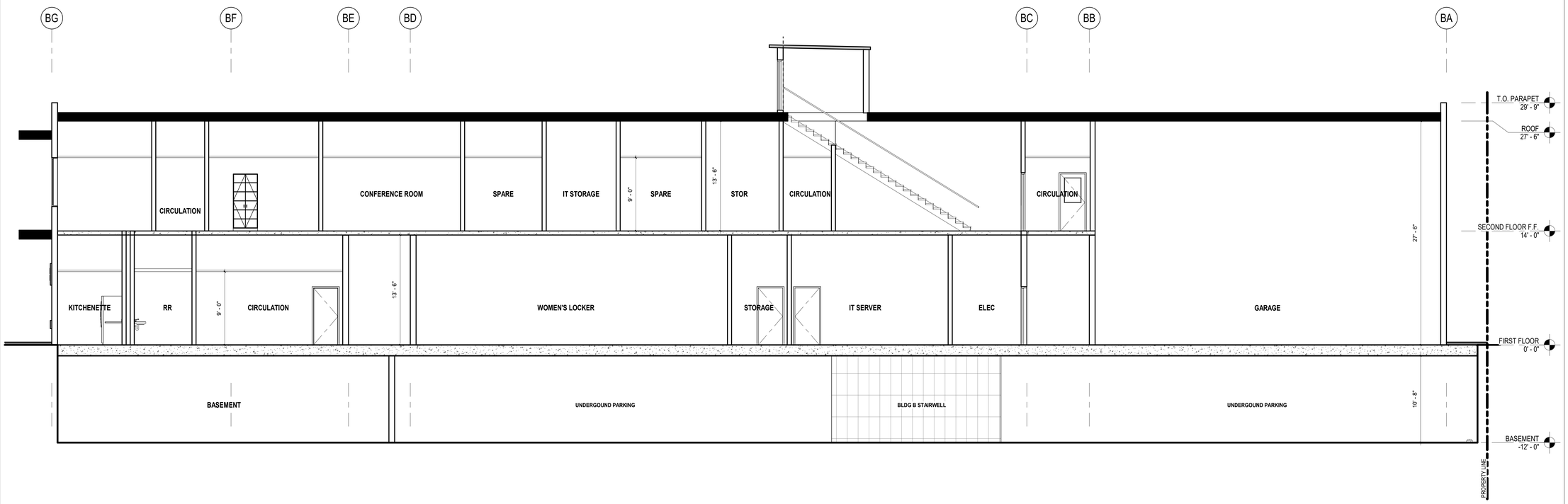
BLDG B - BUILDING SECTIONS

AB5.3

FOR BLUEBEAM LABELING/OCR:




BLDG B - BIULDING SECTION | 3/16" = 1'-0" | 1




BLDG B - BUILDING SECTION | 3/16" = 1'-0" | 2

FILE PATH: C:\Users\kdancy\Documents\230532_Menlo Park FS 1_SD_kelly.dancyYSZ4T.rvt

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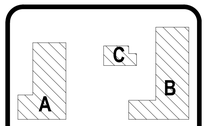
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

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| No. | Description | Date |
|---|---|---|
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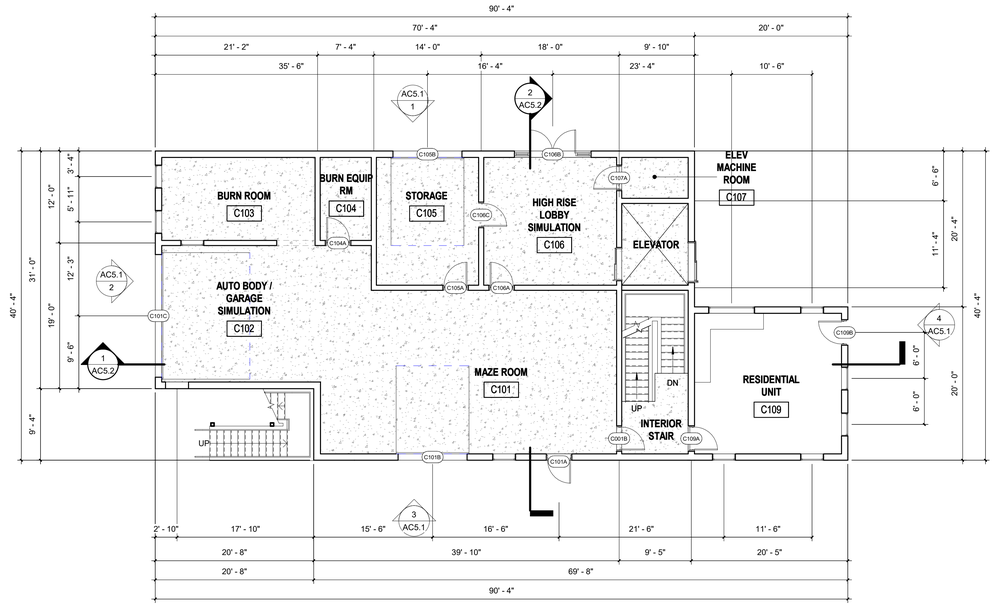
PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG B - BUILDING SECTIONS**

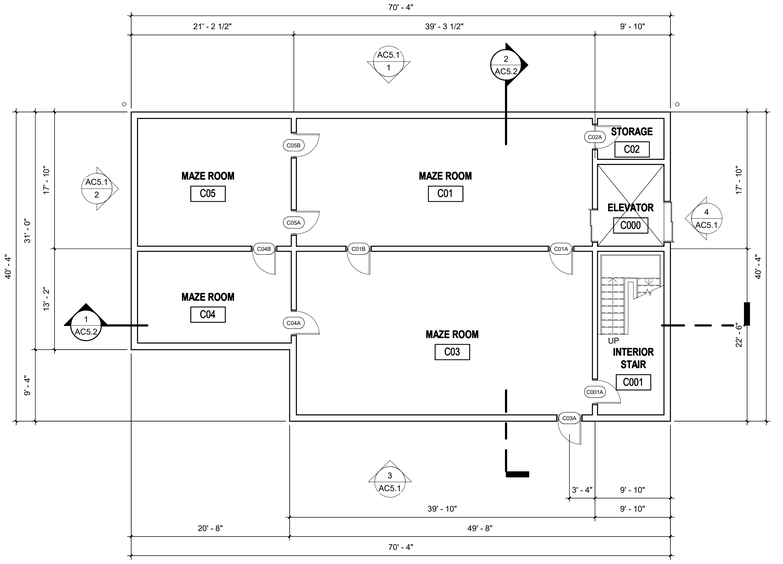
**AB5.3**

BLDG C - BASEMENT-3RD FLOOR
AC2.1
FOR BLUEBEAM LABELING/OCR:




8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C FIRST FLOOR PLAN | 1/8" = 1'-0" | 2

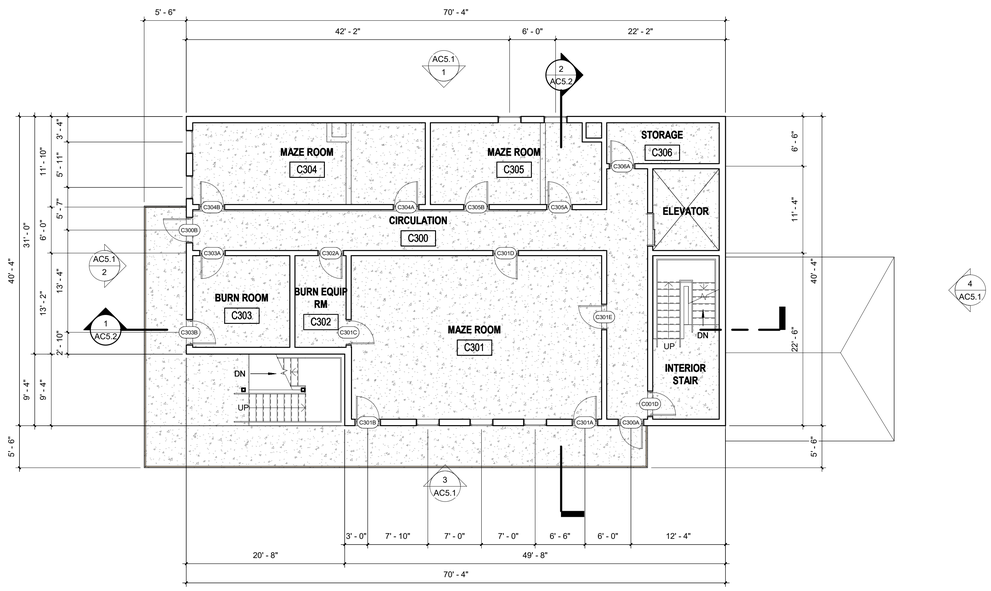



8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C BASEMENT | 1/8" = 1'-0" | 1

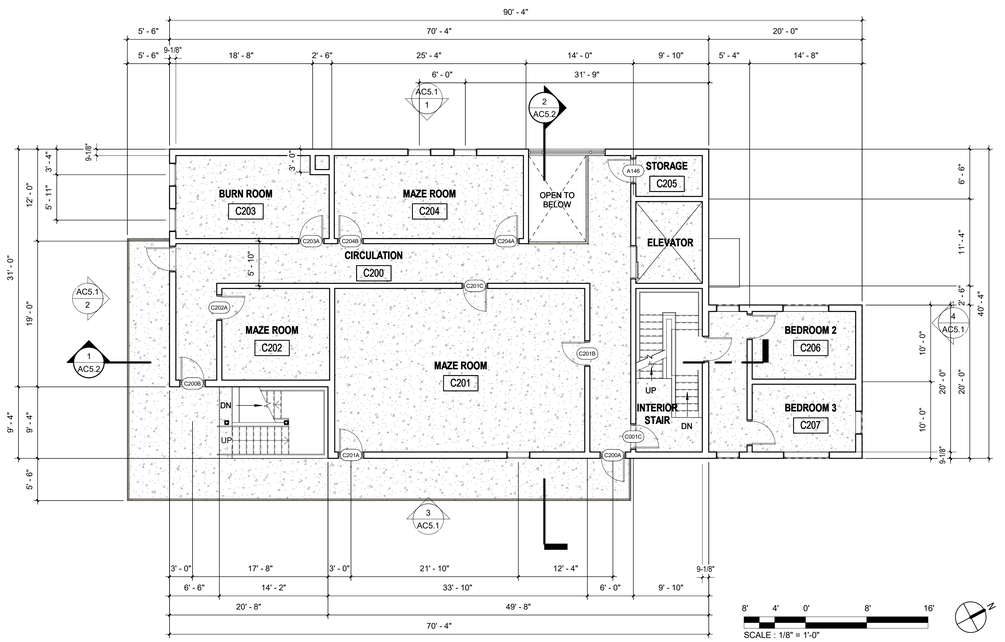
ROOM SCHEDULE

| NUMBER | TITLE | DESCRIPTION | Area |
|---|---|---|---|
| C000 | ELEVATOR | | 92 SF |
| C01 | MAZE ROOM | | 644 SF |
| C001 | INTERIOR STAIR | | 185 SF |
| C02 | STORAGE | | 46 SF |
| C03 | MAZE ROOM | | 824 SF |
| C04 | MAZE ROOM | | 240 SF |
| C05 | MAZE ROOM | | 334 SF |
| C101 | MAZE ROOM | | 863 SF |
| C102 | AUTO BODY / GARAGE SIMULATION | | 368 SF |
| C103 | BURN ROOM | | 217 SF |
| C104 | BURN EQUIP RM | | 72 SF |
| C105 | STORAGE | | 222 SF |
| C106 | HIGH RISE LOBBY SIMULATION | | 289 SF |
| C107 | ELEV MACHINE ROOM | | 46 SF |
| C109 | RESIDENTIAL UNIT | | 351 SF |
| C200 | CIRCULATION | | 645 SF |
| C201 | MAZE ROOM | | 696 SF |
| C202 | MAZE ROOM | | 168 SF |
| C203 | BURN ROOM | | 210 SF |
| C204 | MAZE ROOM | | 267 SF |
| C205 | STORAGE | | 46 SF |
| C206 | BEDROOM 2 | | 119 SF |
| C207 | BEDROOM 3 | | 119 SF |
| C208 | HALL | | 92 SF |
| C300 | CIRCULATION | | 462 SF |
| C301 | MAZE ROOM | | 697 SF |
| C302 | BURN EQUIP RM | | 80 SF |
| C303 | BURN ROOM | | 151 SF |
| C304 | MAZE ROOM | | 324 SF |
| C305 | MAZE ROOM | | 232 SF |
| C306 | STORAGE | | 78 SF |




8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C THIRD FLOOR PLAN | 1/8" = 1'-0" | 4




8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C SECOND FLOOR PLAN | 1/8" = 1'-0" | 3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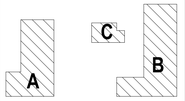
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
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| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
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PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG C - BASEMENT-3RD FLOOR**

**AC2.1**

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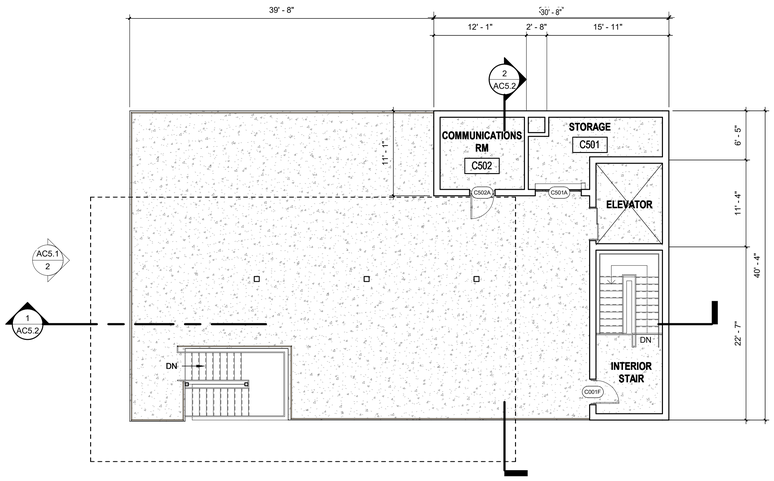
Author
PLOT STAMP:
7/8/2025 2:52:16 PM

BLDG C -4TH-ROOF PLAN
AC2.2
FOR BLUEBEAM LABELING/OCR:

0"
1"

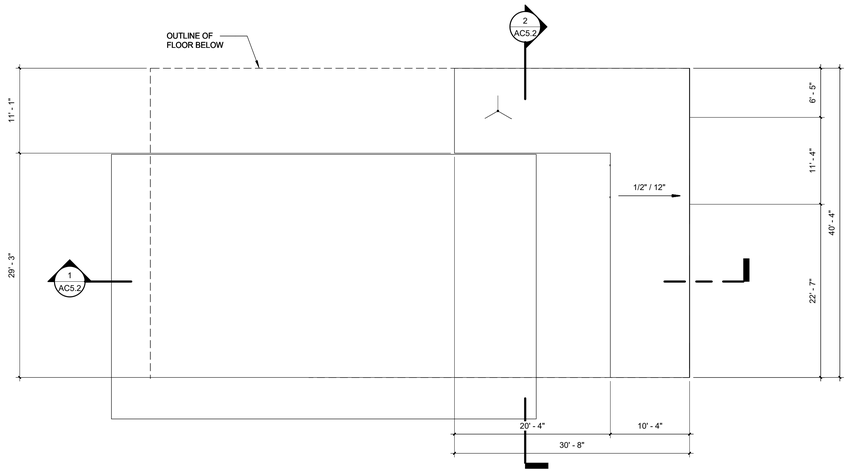



8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C FIFTH FLOOR PLAN | 1/8" = 1'-0" | 2

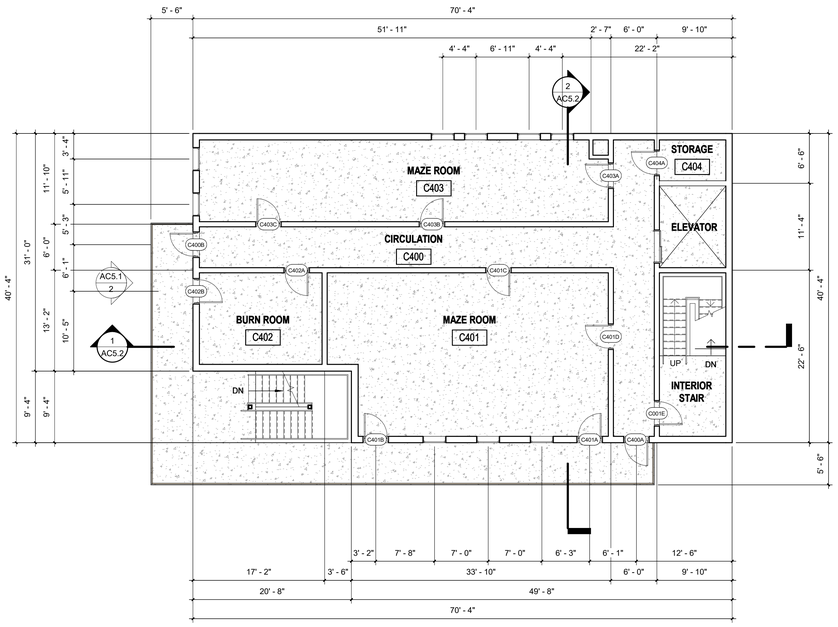
ROOM SCHEDULE

| NUMBER | TITLE | DESCRIPTION | Area |
|---|---|---|---|
| C000 | ELEVATOR | | 92 SF |
| C001 | INTERIOR STAIR | | 185 SF |
| C206 | BEDROOM 2 | | 119 SF |
| C207 | BEDROOM 3 | | 119 SF |
| C208 | HALL | | 92 SF |
| C304 | MAZE ROOM | | 324 SF |
| C400 | CIRCULATION | | 494 SF |
| C401 | MAZE ROOM | | 744 SF |
| C402 | BURN ROOM | | 191 SF |
| C403 | MAZE ROOM | | 563 SF |
| C404 | STORAGE | | 46 SF |
| C501 | STORAGE | | 118 SF |
| C502 | COMMUNICATIONS RM | | 104 SF |




8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C ROOF PLAN | 1/8" = 1'-0" | 3




8' 4' 0' 8' 16'
SCALE : 1/8" = 1'-0"

BUILDING C FOURTH FLOOR PLAN | 1/8" = 1'-0" | 1

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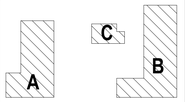
CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG C- 4TH-ROOF PLAN**

**AC2.2**

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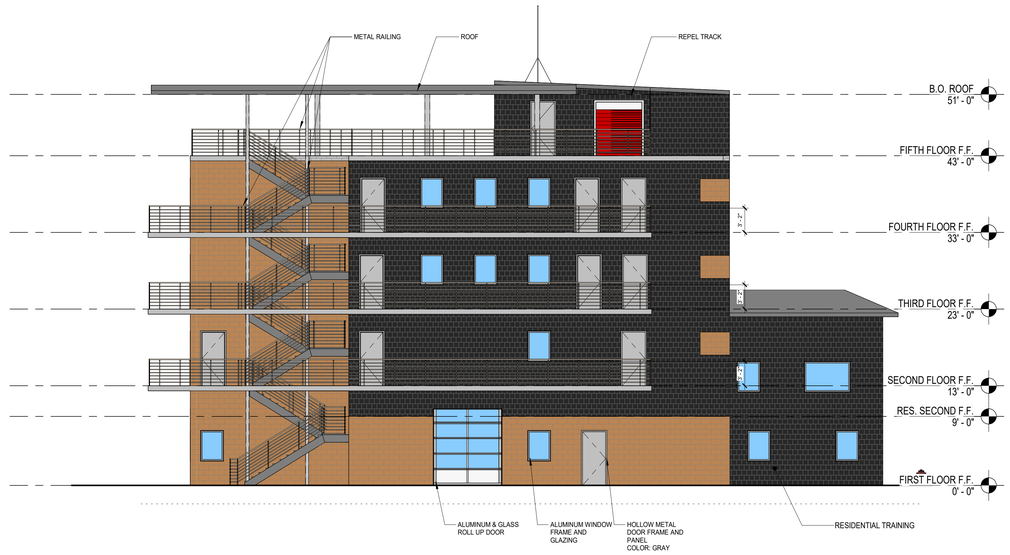
BLDG C - EXTERIOR ELEVATIONS

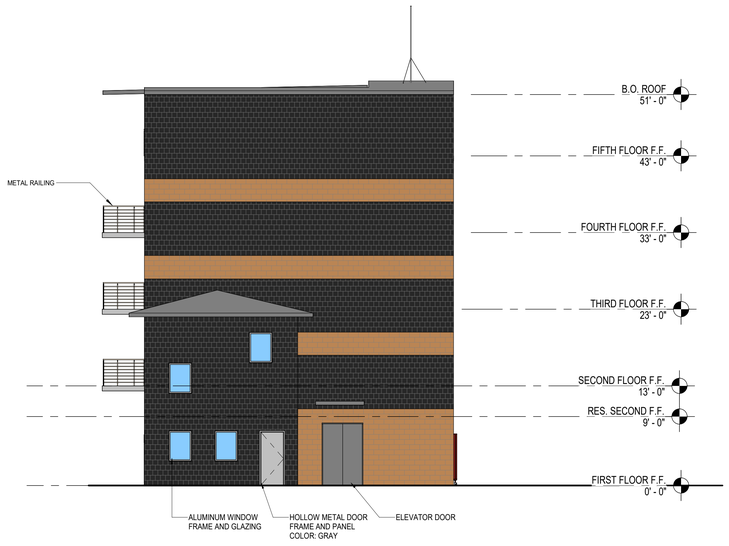
AC5.1

FOR BLUEBEAM LABELING/OCR:

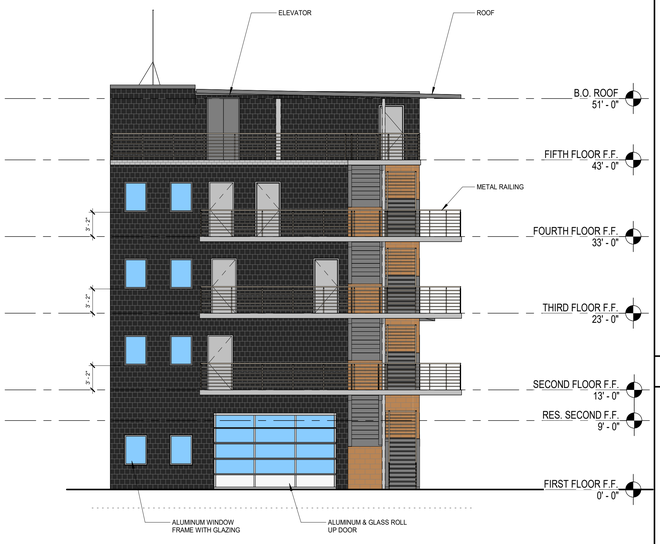



BLDG C - EXTERIOR ELEVATION SOUTH | 1/8" = 1'-0" | 3

BLDG C - EXTERIOR ELEVATION NORTH | 1/8" = 1'-0" | 1




BLDG C - EXTERIOR ELEVATION WEST | 1/8" = 1'-0" | 4




BLDG C - EXTERIOR ELEVATION EAST | 1/8" = 1'-0" | 2

## ELEVATION LEGEND

**BLACK METAL PANEL**
MANUFACTURER: NICHIHA
SERIES: TUFFBLOCK MODERN SERIES
COLOR: STEEL

**WOOD TONE FIBER CEMENT PLANK**
MANUFACTURER: NICHIHA FIBER CEMENT
SERIES: VINTAGEWOOD WOOD SERIES
COLOR: POPLAR

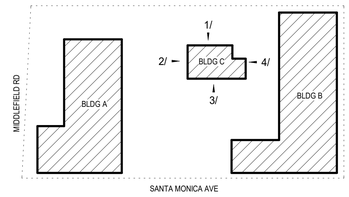
**EXTERIOR GLAZING**
GREY TINTED; 1" THICH INSULATED GLAZING CONSISTING OF:
OUTER PANE = 1/4" THICK TEMPERED SOLARBAN Z75
1/2" AIR GAP
INNER PANE = 1/4" THICK CLEAR TEMPERED WITH LOW-E COATING

**BLACK CORRUGATED METAL**
MANUFACTURER: AEP SPAN
SERIES: NU-WAVE CORRUGATED METAL SIDING
COLOR: MIDNIGHT BRONZE

BLACK CMU

TAN CMU

## SITE KEY





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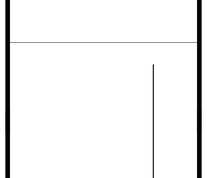
San Luis Obispo, CA 93401
805-329-3076 P
805-329-3078 F


**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG C - EXTERIOR ELEVATIONS**

**AC5.1**

**FILE PATH:** Autodesk Docs://Menlo Park FPD_230532_Fire Station No 1/AR25_230532_Menlo Park FS 1_SD.rvt

**CHECKED BY:**
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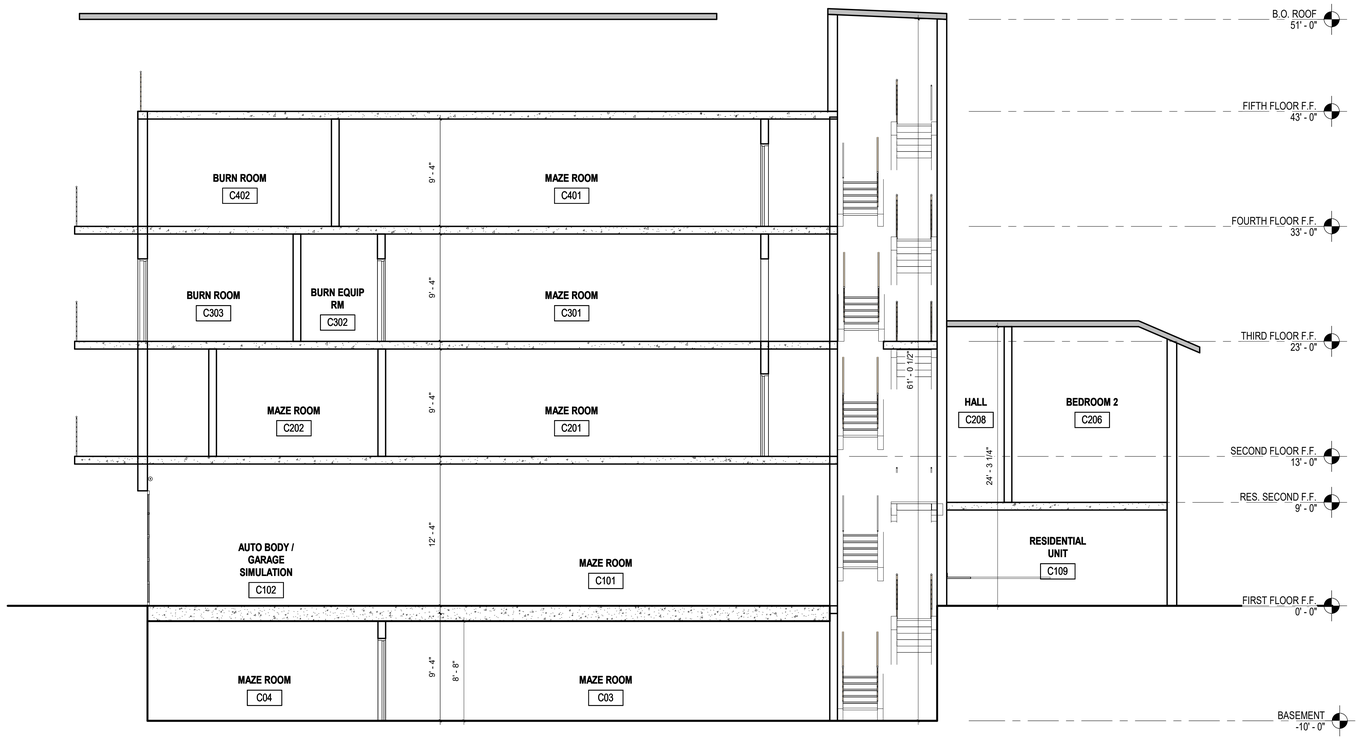
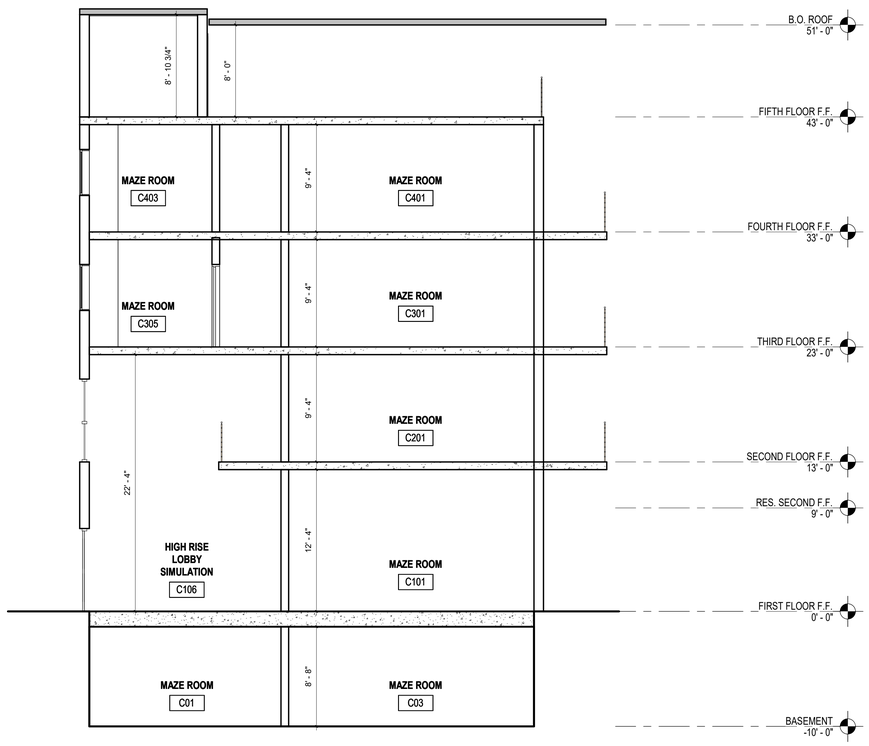
8/12/2025 3:45:48 PM

0"
1"




BLDG C BUILDING SECTION | 3/16" = 1'-0" | 1




BLDG C BUILDING SECTION | 3/16" = 1'-0" | 2

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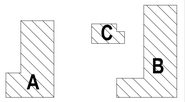
MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**BLDG C - BUILDING SECTIONS**

**AC5.2**

**FILE PATH:** C:\Users\kdancy\Documents\230532_Menlo Park FS 1_SD_kelly.dancy.YSZ4T.rvt
**CHECKED BY:**
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**PLOT STAMP:**
7/8/2025 2:52:26 PM

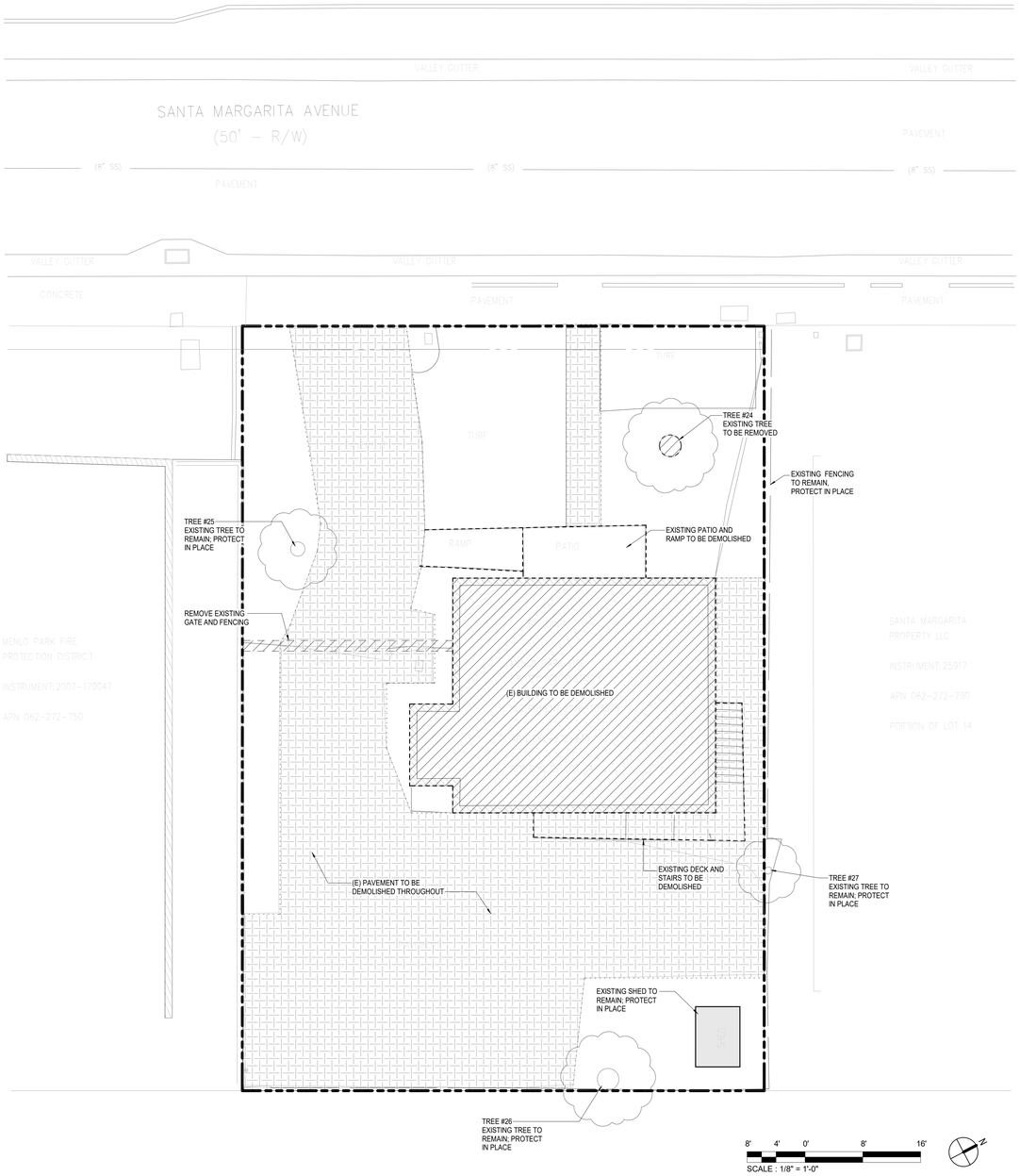
TEMP FACILITY DEMO & PROPOSED SITE PLAN
TF1.0
FOR BLUEBEAM LABELING/OCR:

0"
1"

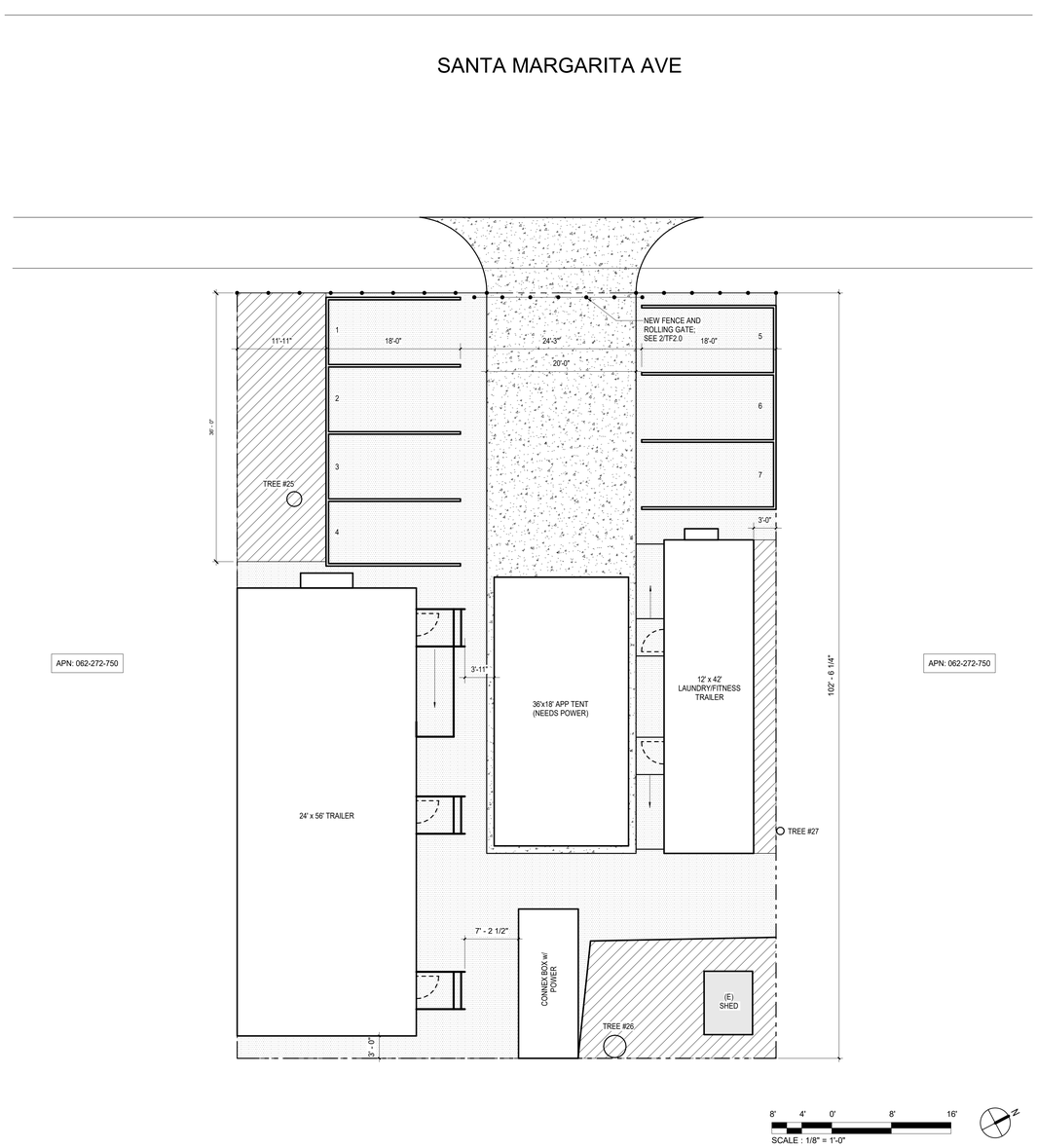
## VICINITY PLAN

## LEGEND

- FENCELINE; SEE 2 / TF2.0
- CONCRETE APPARATUS DRIVE
- ASPHALT DRIVEWAY
- LANDSCAPED AREA




TEMP FACILITY DEMOLITION SITE PLAN | 1/8" = 1'-0" | 2




TEMP FACILITY SITE PLAN | 1/8" = 1'-0" | 1

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**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
MENLO PARK FIRE PROTECTION DISTRICT
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

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DRAWING HISTORY

| No. | Description | Date |
|---|---|---|

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

**TEMP FACILITY DEMO & PROPOSED SITE PLAN**

**TF1.0**

**FILE PATH:** Autodesk Docs://Menlo Park FPD_230532_Fire Station No 1/ARCH_230532_Menlo Park FS 1_SD.rvt
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**DRAWN BY:** Author
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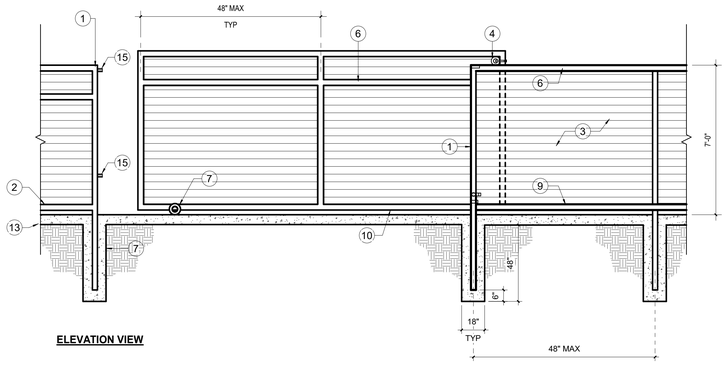
0"

1"

**TEMPORARY FACILITY DETAILS**

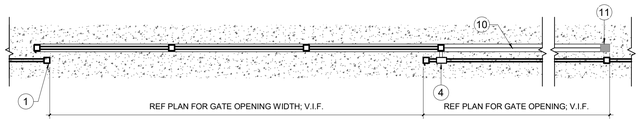
**TF2.0**

FOR BLUEBEAM LABELING/OCR:

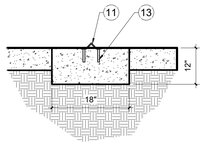



1. 3"x3"x 12 GA STEEL GATE POST
2. NOT USED
3. HORIZONTAL 6" WOOD SIDING
4. SAFE-T REAR WHEEL WITH BRACKET. SEE BELOW DETAIL C. INSTALL PER MANUFACTURER
5. NOT USED
6. 3"x3"x 12 GA STEEL RAIL
7. WHEEL & TOLLY
8. NOT USED
9. 3"x3"x12 GA STEEL BOTTOM RAIL
10. GALVANIZED "V" TRACK 1 1/2" x 1 1/2" x 3/16" SET ON A 1/4" x 4" PLATE. 1/2" HOLE FOR SLEEVE ANCHORS @ 18" O.C. ON ALTERNATE SIDES. PROVIDE BUILDERS FENCE COMPANY MODEL NUMBER 83577G OR APPROVED EQUAL.
11. GROUND MOUNTED HEAVY DUTY GATE RECEIVER; VERIFY EXACT LOCATION IN FIELD
12. CONCRETE SLAB FOR SLIDING GATE.
13. SIMPSON SL37234PF PHILLIPS FLAT HEAD SLEEVE ANCHOR 3/8" x 2.75" EMBED @ 18" O.C. ON ALTERNATE SIDES

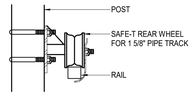
**ELEVATION VIEW**




(A) **PLAN VIEW**



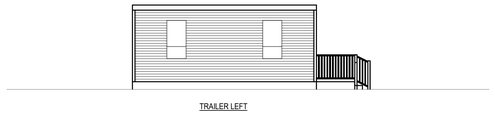

(B) **SECTION VIEW**



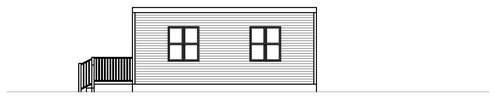

(C) **ROLLER/TRACK**

NOTE:
1. PROVIDE SHOP DRAWINGS FOR FULLY FUNCTIONING GATE AND FENCE ASSEMBLIES. DETAILS DRAWN ARE GENERIC IN NATURE NOT SHOWING ALL PARTS NECESSARY, BUT REQUIRED

ENTRY ROLLING GATE (TEMP FACILITY) | 3/8" = 1'-0" | 2



TRAILER LEFT



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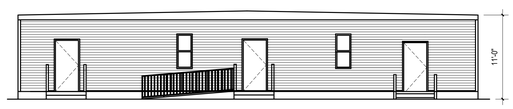
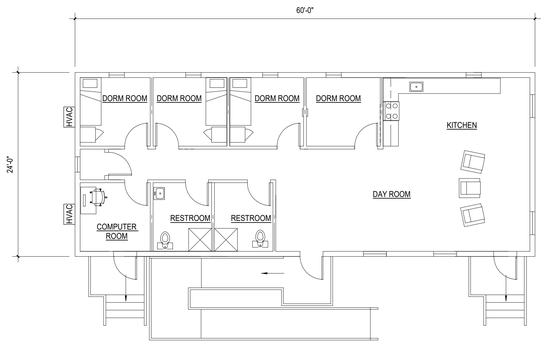
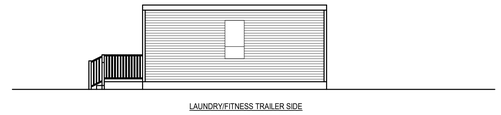


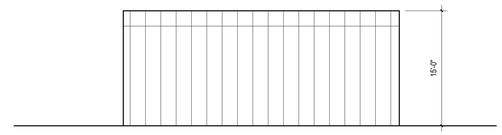

TRAILER FRONT



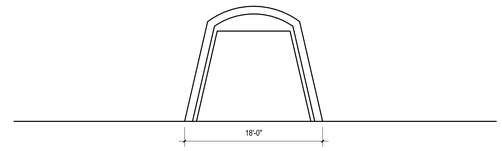

TRAILER FLOOR PLAN



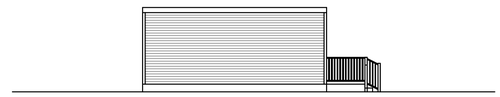
LAUNDRY/FITNESS TRAILER SIDE



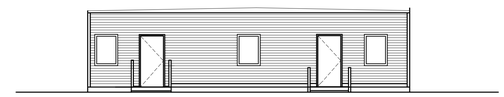

APPARATUS TENT SIDE



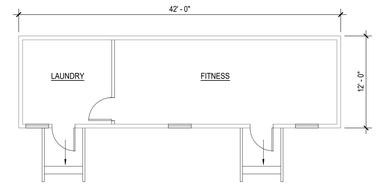

APPARATUS TENT FRONT/REAR



LAUNDRY/FITNESS TRAILER SIDE



LAUNDRY/FITNESS TRAILER FRONT




LAUNDRY/FITNESS TRAILER FLOOR PLAN

TEMPORARY FACILITY STRUCTURES | 1/8" = 1'-0" | 1

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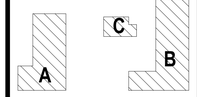
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

MENLO PARK FIRE PROTECTION DISTRICT

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

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MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
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| 4/24/25 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**TEMPORARY FACILITY DETAILS**

**TF2.0**

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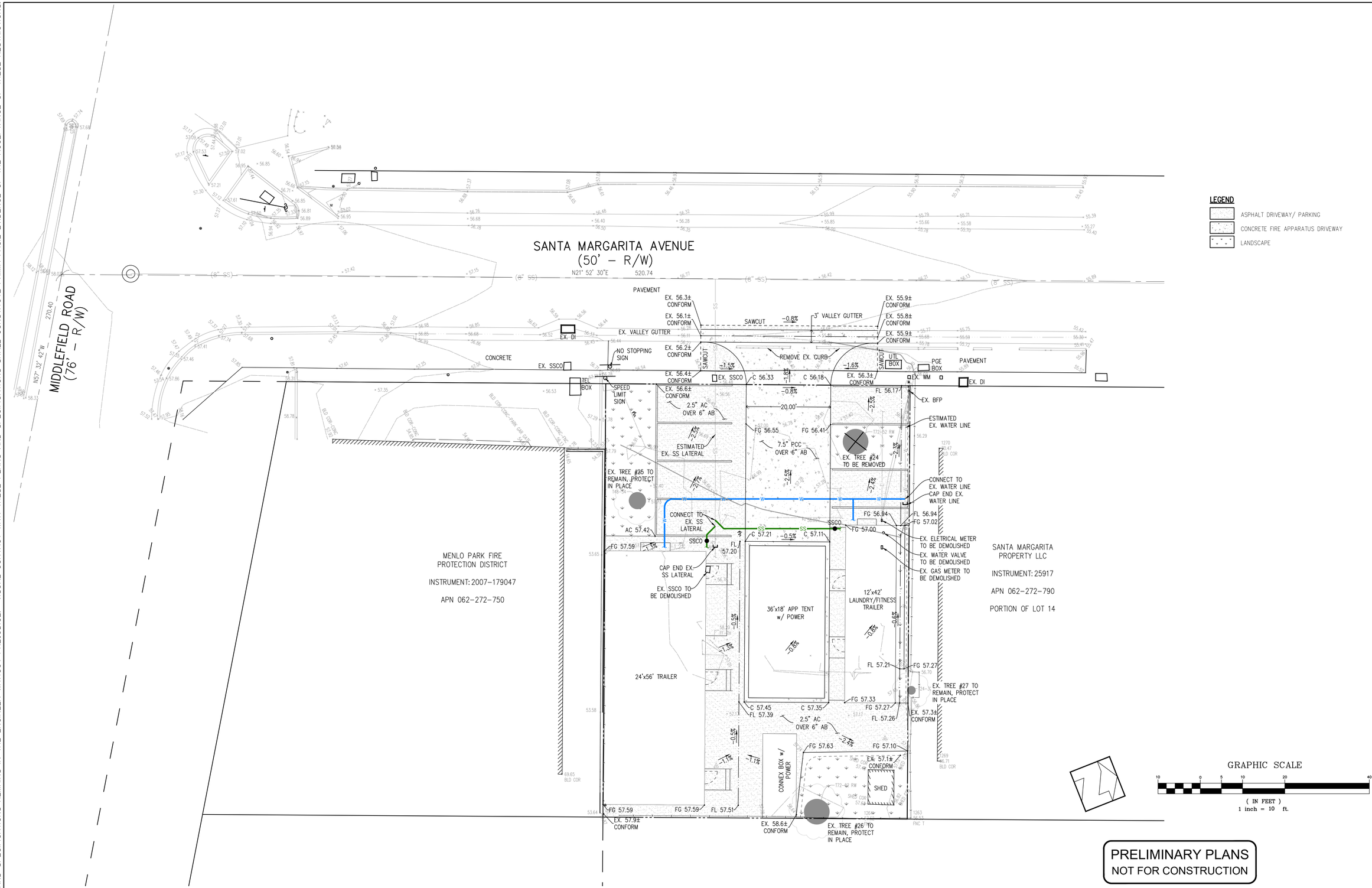


PRELIMINARY PLANS
NOT FOR CONSTRUCTION

PLAN # _____ OF _____
SHEET _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

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CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JANUARY 2025
HORIZ. SCALE: 1"=10'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: T.M.

date: _____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEL
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Temporary Facilities

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JANUARY 2025

SAN MATEO COUNTY
CALIFORNIA

SHEET
TF-C1
OF 1

JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

# GENERAL NOTES

1. THE CONTRACTOR SHALL TRACE ALL LINE AND LOW VOLTAGE CIRCUITS SERVING THE EXISTING LIGHTING FIXTURES, RECEPTACLES, COMMUNICATIONS AND ALARM DEVICES LOCATED WITHIN THE PROJECT AREA PRIOR TO COMMENCING DEMOLITION OF THE ELECTRICAL LINE AND LOW VOLTAGE EQUIPMENT. HE SHALL COORDINATE THE DEMOLITION OF SAID EQUIPMENT WITH THE GENERAL CONTRACTOR TO ENSURE EQUIPMENT AND DEVICES REMAINING IN OPERATION DURING THE CONSTRUCTION PERIOD ARE NOT AFFECTED BY THE REMOVAL OF LINE AND LOW VOLTAGE SERVICES. PROVIDE TEMPORARY POWER AND COMMUNICATIONS SERVICES WHERE REQUIRED.
2. THE CONTRACTOR SHALL SECURE AND PAY FOR PERMITS AND FEES NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY THE LOCAL GOVERNMENT AGENCIES.
3. ALL OUTLET LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION.
4. THIS CONTRACTOR SHALL SUPPLY POWER TO AND MAKE CONNECTION TO ALL MOTORS AND EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AS SHOWN ON THE PLANS.
5. EXACT LOCATION OF ALL CEILING MOUNTED DEVICES SHALL BE AS INDICATED ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
6. UNLESS OTHERWISE NOTED, MOUNTING HEIGHTS INDICATED ON ELECTRICAL OUTLETS ARE FROM FINISHED FLOOR TO CENTER OF OUTLETS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT-OUTS IN TILE OR COUNTER SPLASHES WHERE RECEPTACLES, OUTLETS, ETC., OCCUR.
8. ALL RECESSED DEVICES, ETC., MOUNTED IN FIRE RATED CEILING SHALL BE ENCLOSED WITH AN APPROVED ENCLOSURE CARRYING THE SAME FIRE RATING AS THE CEILING. THE CEILING.
9. ALL SURFACE MOUNTED LIGHTING FIXTURES SHALL BE APPROVED FOR DIRECT MOUNTING ON LOW DENSITY COMBUSTIBLE CEILINGS.
10. THE NUMERAL(S) SHOWN AT TOP LIGHT FIXTURE IDENTIFICATION SYMBOL WHICH INDICATES NUMBER OF LIGHT FIXTURES REQUIRED SHALL NOT BE USED BY THE CONTRACTOR FOR HIS QUANTITY TAKE-OFF AT BIDDING OR FOR DETERMINATION OF HOW MANY FIXTURES WILL BE INSTALLED. THE CONTRACTOR SHALL INSTALL A LIGHT FIXTURE WHEREVER A FIXTURE OUTLET IS SHOWN ON DRAWINGS.
11. NO CONDUIT SHALL BE RUN HORIZONTALLY IN CONCRETE FLOOR SLABS.
12. ALL FINAL CONNECTIONS TO OWNER-FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTORS.
13. EQUIPMENT ANCHORAGE NOTE

    ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED OR BRACED TO MEET THE HORIZONTAL AND VERTICAL FORCES PRESCRIBED IN THE 2022 CBC.

    THE ATTACHMENT OF THE FOLLOWING ITEMS SHALL BE DESIGNED TO RESIST THE FORCES PRESCRIBED ABOVE, BUT NEED NOT BE DETAILED ON THE PLANS:

    A. EQUIPMENT WEIGHING LESS THAN 400 POUNDS SUPPORTED DIRECTLY ON THE FLOOR OR ROOF.

    B. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUPPORTED BY VIBRATION ISOLATORS.

    C. EQUIPMENT WEIGHING LESS LESS THAN 20 POUNDS SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
14. THE CONTRACTOR SHALL VISIT THE SITE INCLUDING SPECIFICALLY ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THESE EXISTING CONDITIONS AND BY SUBMITTING A BID ACCEPTS CONDITIONS UNDER WHICH HE WILL BE REQUIRED TO PERFORM HIS WORK.
15. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DO ALL CORING, CUTTING, PATCHING AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY FOR HIM TO PENETRATE FOR HIS WORK. ALL OPENINGS MADE SHALL BE SEALED TO MEET THE RATED INTEGRITY OF THE PARTICULAR WALL, FLOOR OR CEILING.
16. ATTENTION IS CALLED TO THE FACT THAT THE CEILING SYSTEMS FOR THE MOST PART ARE CONSIDERED TO BE INACCESSIBLE THE CONTRACTOR SHALL STRATEGICALLY LOCATE BOXES, ETC., IN AN ACCESSIBLE CEILING SPACE.
17. WHERE EXPOSED CONDUIT IS PERMITTED BY THE ARCHITECT, SUCH CONDUIT SHALL BE PAINTED TO MATCH FINISH OF SURFACE TO WHICH IT IS ATTACHED/SUPPORTED TO.
18. INSTALL RACEWAY SYSTEMS AS FOLLOWS:

    A. RIGID GALVANIZED STEEL IN ALL OUTDOOR LOCATIONS AND IN INDOOR LOCATIONS WHERE SUBJECT TO PHYSICAL DAMAGE.

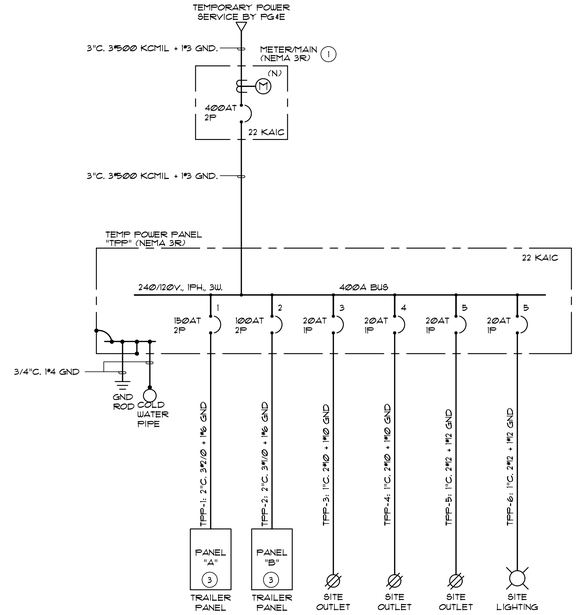
    B. I.M.C. OR E.M.T. IN ALL INDOOR AREAS.

    C. FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO LIGHT FIXTURES, MOTORS, VIBRATING ELECTRICAL EQUIPMENT AND HORIZONTAL RUNS IN WOOD STUD WALLS.

    D. PVC CONDUIT FOR UNDERGROUND RUNS, USE 20 MIL PVC TAPED RIGID STEEL RISER ELBOWS AND RISERS FOR CONDUIT STUB-UPS.

    E. USE COMPRESSION TYPE FITTINGS FOR ALL METALLIC CONDUIT.

    F. 1" CONDUIT MINIMUM FOR UNDERGROUND INSTALLATIONS.
19. CONDUIT ROUTING INDICATED ON THE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES. THE CONTRACTOR SHALL INSTALL ALL CONDUIT, JUNCTION/PULL BOXES, ETC., AS REQUIRED FOR A COMPLETE SYSTEM IN FULL COMPLIANCE WITH ALL APPLICABLE CODES.
20. ALL EXTERIOR MOUNTED EQUIPMENT SHALL BE WEATHERPROOF OR PROVIDED IN A WEATHERPROOF ENCLOSURE.
21. ALL POWER AND LIGHTING BRANCH CIRCUITS SHALL BE INSTALLED WITH A #12 GREEN GROUND WIRE U.O.N. THE COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE CALIFORNIA ELECTRICAL CODE (CEC).
22. IDENTIFICATION NAME PLATES FOR BRANCH CIRCUIT PANELS SHALL MATCH THE NOMENCLATURE PROVIDED BY THE OWNER AT THE END OF THE CONTRACT.
23. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED, NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.
24. ALL CONDUCTORS SHALL BE STRANDED COPPER, SIMPULL TYPE OR EQUAL, TYPE THHN/THWN THERMOPLASTIC, 600 VOLT, UL APPROVED, DRY AND WET LOCATIONS, FOR CONDUCTOR SIZES UP TO AND INCLUDING #4 AWG, TYPE XHHW CROSS-LINKED SYNTHETIC POLYMER, 600 VOLT, UL APPROVED, FOR DRY AND WET LOCATIONS, FOR CONDUCTOR SIZES #2 AWG, AND ABOVE, AND FOR UNDERGROUND INSTALLATIONS.




# SINGLE LINE DIAGRAM

## SINGLE LINE DIAGRAM NOTES

1. METER/MAIN PANEL SHALL BE SCE AND EUSERC COMPLIANT, AS MANUFACTURED BY SQUARE-D OR EQUAL EATON OR SIEMENS.
2. ALL EQUIPMENT SHALL BE LISTED BY UL, OR A CITY APPROVED THIRD PARTY TESTING FACILITY.
3. THE BUILDING PANELS ARE PROVIDED WITH THE BUILDINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE PANELS, AND DETERMINING THE CONDUIT AND WIRE TERMINATION REQUIREMENTS PRIOR TO ROUTING SITE DISTRIBUTION CONDUITS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES AND OBTAIN DIRECTION FROM THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.

| "TPP" LOAD SUMMARY | |
|---|---|
| TEMP. TRAILER (PANEL "A") | 135.3 A. |
| TEMP. TRAILER (PANEL "B") | 65.6 A. |
| SITE LIGHTING | 2.8 A. |
| SITE RECEPTACLES | 4.5 A. |
| TOTAL LOAD | 208.3 A. |

○ REFER TO RESIDENTIAL LOAD CALCULATION

Residential Load Calculations

**Temporary Trailer Panel A**

| | | | | |
|---|---|---|---|---|
| **1. General Lighting Loads:** | | | | |
| Lighting Load @ 3.0VA / sq.ft. (per CEC Table 220.12) | | | | |
| 1,437 | x | 3.0 VA | = | 4.3 kVA |
| Laundry Circuit (per CEC 220.52(B)) | | | | |
| 0 | x | 1500 VA | = | 0.0 kVA |
| Small Appliance Circuit Load (per CEC 220.52(A)) | | | | |
| 2 | x | 1500 VA | = | 3.0 kVA |
| | | Sub-Total for #1 | | 7.3 kVA |
| **Application of Demand Factor (per CEC 220.42)** | | | | |
| First 3000 or Less at 100%: | | | | 3.0 kVA |
| From 3001 to 120,000 at 35%: | | | | 1.5 kVA |
| Remainder over 120,000 at 25% | | | | 0.0 kVA |
| | | **Total for #1** | | 4.5 kVA |
| **2. Permanently Connected Appliances:** | | | | |
| **Dishwasher** | | | | |
| 1 | x | 972 VA | | |
| Demand | | 0.972kVA x 0.75 Per CEC 220.53 | = | 0.7 kVA |
| **Water Heater** | | | | |
| 1 | x | 4500 VA | | |
| Demand | | 0.18kVA x 0.75 Per CEC 220.53 | = | 3.4 kVA |
| **Range** | | | | |
| 1 | x | 8000 VA | | |
| Demand | | | = | 8.0 kVA |
| **Hood Exhaust** | | | | |
| 1 | x | 180 VA | | |
| Demand | | 0.18kVA x 0.75 Per CEC 220.53 | = | 0.1 kVA |
| **Dryer** | | | | |
| 1 | x | 5000 VA | | |
| Demand | | | = | 5.0 kVA |
| **Garbage Disposal** | | | | |
| 1 | x | 864 VA | | |
| Demand | | 0.864kVA x 0.75 Per CEC 220.53 | = | 0.6 kVA |
| **Total for #2** | | | | 17.9 kVA |
| **3. Loads at 100%:** | | | | |
| HVAC | | | | |
| 1 | x | 10080 VA | = | 10.1 kVA |
| **Total for #3** | | | | 10.1 kVA |
| | | **Total Computed Load (VA)** | = | 32.5 kVA |
| Total Residential Building Loads (Amps) on 240V, 1PH. Service | | | = | 135.3 Amps |

# ELECTRICAL SYMBOL LIST

- CONDUIT RUN, CONCEALED IN CEILING, WALLS OR UNDER FLOOR 3/4" MIN.
- CONDUIT RUN, UNDERGROUND.
- FLEXIBLE CONDUIT, SEALTITE WHERE EXPOSED TO WEATHER. REFER TO SPECIFICATIONS FOR USE.
- CONDUIT TURNED DOWN.
- CONDUIT TURNED UP.
- #@ — CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #12 WIRES CONTAINED THEREIN. TWO #12 ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATE SIZE OF CONDUCTORS IN LIEU OF #12.
- B-13 — CONDUIT HOME RUN TO PANELBOARD. LETTER AND NUMERALS INDICATES ELECTRICAL PANEL AND CIRCUIT NUMBER.
- A 3 "20'-0" — LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES TYPE OF FIXTURE. NUMERAL AT TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED. NUMBER AT BOTTOM OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTING.
- BRANCH CIRCUIT PANEL, MOUNTING AS SHOWN ON SCHEDULES.
- CIRCUIT BREAKER. REFER TO SINGLE LINE DIAGRAM.
- GROUND.
- 1X2 LED LIGHT FIXTURE, SHADING INDICATES FIXTURE TO BE PROVIDED WITH WITH INTEGRAL 90 MINUTE EMERGENCY BATTERY PACK.
- (E) EXISTING EQUIPMENT TO REMAIN.
- (N) NEW EQUIPMENT.
- DUPLEX RECEPTACLE, FLUSH IN WALL, GROUNDING TYPE (20 AMP, 120V., WALL PLATE TO MATCH DEVICE) MTD. AT +18".
- DW — 3/4"C. WITH 2/C#8 CLASS 2 DATA WIRE PER SWITCH LEG (DIMMING CONTROLS) QUANTITY OF CROSS TICKS REPRESENT QUANTITY OF SWITCH LEGS WITHIN CONDUITS.
- J_C — CEILING MOUNTED JUNCTION BOX.
- EMERGENCY EXIT SIGN.
- D_B — 0-10V DIMMER SWITCH, LETTER INDICATES SWITCH LEG CONTROLLED BY DIMMER. MODEL #PADSMRD-LH OR EQUAL.

### FIRE ALARM SYSTEM DEFERRED APPROVAL NOTE

THE FIRE ALARM SYSTEM IS A DEFERRED APPROVAL ITEM AND THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT PLANS, EQUIPMENT DATA SHEETS/LISTINGS, WIRING DIAGRAMS AND CALCULATIONS TO THE CITY OF ONTARIO FIRE DEPARTMENT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF ONTARIO FIRE DEPARTMENT PRIOR TO INSTALLING THE FIRE ALARM SYSTEM COMPONENTS.

FIRE ALARM SYSTEM DEVICES AND COMPONENTS INDICATED ON THESE DRAWINGS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE QUANTITY AND TYPE OF DEVICES REQUIRED BY THE CITY OF ONTARIO FIRE DEPARTMENT AT NO ADDITIONAL COST TO THE CONTRACT.

THE FIRE ALARM SYSTEM DRAWINGS SHALL BEAR THE STAMP AND SIGNATURE OF A STATE OF CALIFORNIA PROFESSIONAL ELECTRICAL ENGINEER.

# SITE LIGHTING FIXTURE SCHEDULE

| TYPE | MANUFACTURER CATALOG# | LAMP QTY. & TYPE | FIXTURE WATTAGE | VOLTS | REMARKS |
|---|---|---|---|---|---|
| SA | LITHONIA LIGHTING #VCPG-LED-V4-P3-40K-80CRI-T5M-MVOLT-PE1-PIR-+ OR APPROVED EQUAL | 6,253 LUMENS 144 LM/W 4000K | 43 | MVOLT | LED PENDANT MOUNTED FIXTURE. PROVIDE FIXTURE WITH P3 PERFORMANCE PACKAGE, 4000K COLOR TEMPERATURE, AND MOTION/AMBIENT SENSOR. PROVIDE WITH REQUIRED MOUNTING HARDWARE.<br>#+ FINISH AS SELECTED BY ARCHITECT. |
| SB | LITHONIA #EDGE1-LED-P2-40K-80CRI-VF-MVOLT-SRM-+ OR APPROVED EQUAL | 2,023 LUMEN LED 143 LM/W 4000K | 15 | MVOLT | LED WALL PACK FIXTURE. FIXTURE TO BE PROVIDED WITH 4000 KELVIN COLOR TEMPERATURE, P2 OPTION, AND 120V-277V VOLTAGE.<br>#+ FINISH AS SELECTED BY ARCHITECT. |
| SC | LITHONIA #EDGE3-LED-P1-40K-80CRI-RFT-MVOLT-SRM-+ OR APPROVED EQUAL | 7,892 LUMEN LED 147 LM/W 4000K | 52 | MVOLT | LED WALL PACK FIXTURE. FIXTURE TO BE PROVIDED WITH 4000 KELVIN COLOR TEMPERATURE, P1 OPTION, AND 120V-277V VOLTAGE.<br>#+ FINISH AS SELECTED BY ARCHITECT. |
| SD | US ARCHITECTURAL #RZR-PLED-IV-FT-40LED-525mA-40K-UNV-IV-+ HS-PLED-HS-F3II OR APPROVED EQUAL | 9,340 LUMENS 144 LM/W 4000K | 65 | UNV | AREA LED FIXTURE. FIXTURE SHALL BE PROVIDED WITH TYPE IV FORWARD THROW OPTICS, 40 LED BOARD, 525 MA DRIVE CURRENT, 4000K COLOR TEMPERATURE, AND PROGRAMMABLE PHOTOTOTION SENSOR. ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.<br>#+ FINISH AS SELECTED BY ARCHITECT. |


PBK

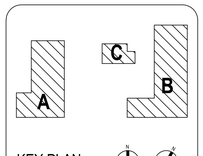
ARCHITECT PBK, Inc. PBK.com
SAN LUIS OBISPO
1327 Archer St, Suite 110
San Luis Obispo, CA 93401
805-329-3076 P
805-329-3078 F

A&F ENGINEERING GROUP, INC.
9320 BASELINE RD., SUITE C, RANCHO CUCAMONGA, CA 91701
TEL. (909) 941-3008 FAX (909) 941-8211


**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**GENERAL NOTES, SYMBOL LIST, FIXTURE SCHEDULE, SINGLE LINE DIAGRAM AND PANEL SCHEDULE**

**TF-E0.1**

STATE OF CALIFORNIA
## Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | NRCC-LTO-E |
|---|---|
| *This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.* | |
| **Project Name:** Menlo Park Temperary Fire Station #1 | **Report Page:** **(Page 1 of 7)** |
| **Project Address:** 114 Santa Margarita Ave | **Date Prepared:** 8/11/2025 |

### A. GENERAL INFORMATION

| | | | | | |
|---|---|---|---|---|---|
| 01 | Project Location (city) | Menlo Park | 04 | Total Illuminated Hardscape Area (ft²) | 4207 |
| 02 | Climate Zone | 3 | | | |
| 03 | Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ): | | | | |
| ☐ | LZ-0: Very Low - Undeveloped Parkland | ☒ LZ-2: Moderate - Urban Clusters | ☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval | | |
| ☐ | LZ-1: Low - Rural Areas | ☐ LZ-3: Moderately High - Urban Areas | | | |
| 05 | Occupancy Types within Project | | | | |
| ● All Other Occupancies | | | | | |

### B. PROJECT SCOPE

*This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.*

**My Project Consists of:**

| 01 | 02 | |
|---|---|---|
| ☒ New Lighting System | Must Comply with Allowances from 140.7 / 170.2(e)6 | |
| ☐ Altered Lighting System | Is your alteration increasing the connected lighting load (Watts)? | ○ Yes ○ No |
| 03 | 04 | 05 |
| % of Existing Luminaires Being Altered[1] | Sum Total of Luminaires Being Added or Altered | Calculation Method |
| ☐ < 10% ☐ >= 10% and < 50% ☐ >= 50% | | |

***Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.***

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*



STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | NRCC-LTO-E |
|---|---|
| **Project Name:** Menlo Park Temperary Fire Station #1 | **Report Page:** **(Page 2 of 7)** |
| | **Date Prepared:** 8/11/2025 |

### C. COMPLIANCE RESULTS

*Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.*

| Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv | | | | | | | | | | | Compliance Results | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | 02 | | 03 | | 04 | | 05 | OR | 06 | 07 | 08 | 09 |
| General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I) | + | Per Application 140.7(d)2 / 170.2(e)6 (See Table J) | + | Sales Frontage 140.7(d)2 (See Table K) | + | Ornamental 140.7(d)2 / 170.2(e)6 (See Table L) | + | Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M) | | Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N) | = **Total Allowed** (Watts) | ≥ | **Total Actual** (Watts) | **07 must be >= 08** |
| 373 | + | --- | + | --- | + | --- | + | --- | OR | --- | = 373 | ≥ | 336 | COMPLIES |
| **Shielding Compliance (See Table G for Details)** | | | | | | | | | | | | | | N/A |
| **Controls Compliance (See Table H for Details)** | | | | | | | | | | | | | | COMPLIES |

### D. EXCEPTIONAL CONDITIONS

*This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.*

### E. ADDITIONAL REMARKS

*This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.*

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | NRCC-LTO-E |
|---|---|
| **Project Name:** Menlo Park Temperary Fire Station #1 | **Report Page:** **(Page 3 of 7)** |
| | **Date Prepared:** 8/11/2025 |

### F. OUTDOOR LIGHTING FIXTURE SCHEDULE

*For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.*

**Designed Wattage:**

| 01 | 02 | | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Name or Item Tag | Complete Luminaire Description | | Watts per luminaire[1,2] | How is Wattage determined | Total Number Luminaires[2] | Luminaire Status[3] | Excluded per 140.7(a) / 170.2(e)6A | Design Watts | Cutoff Req. > 6,200 Initial lumen output 130.2(b) / 160.5(c)1[4] | Field Inspector | |
| | | | | | | | | | | Pass | Fail |
| SA | 43w LED | ☐ Linear | 43 | Mfr. Spec | 3 | New | ☐ | 129 | NA: < 6200 lumens | ☐ | ☐ |
| SB | 15w LED | ☐ Linear | 15 | Mfr. Spec | 6 | New | ☐ | 90 | NA: < 6200 lumens | ☐ | ☐ |
| SC | 52w LED | ☐ Linear | 52 | Mfr. Spec | 1 | New | ☐ | 52 | NA: < 6200 lumens | ☐ | ☐ |
| SD | 65w LED | ☐ Linear | 65 | Mfr. Spec | 1 | New | ☐ | 65 | NA: < 6200 lumens | ☐ | ☐ |
| | | | | | | | **Total Design Watts:** | 336 | | | |

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
*EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)*

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)*
[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*
[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*
[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)*

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | NRCC-LTO-E |
|---|---|
| **Project Name:** Menlo Park Temperary Fire Station #1 | **Report Page:** **(Page 4 of 7)** |
| | **Date Prepared:** 8/11/2025 |

### G. SHIELDING REQUIREMENTS (BUG)

*This section does not apply to this project.*

### H. OUTDOOR LIGHTING CONTROLS

*This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.*
*Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit*

**Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings**

| 01 | 02 | 03 | 04 | 05 | |
|---|---|---|---|---|---|
| Area Description | Shut-Off 130.2(c)1 / 160.5(c) | Auto-Schedule 130.2(c)2 / 160.5(c) | Motion Sensor 130.2(c)3 / 160.5(c) | Field Inspector | |
| | | | | Pass | Fail |
| Building Mounted Fixture SB | Photocontrol | Provided | NA: Each Luminaire <= 40 Watts | ☐ | ☐ |
| Building Mounted Fixture SC | Photocontrol | Provided | Provided | ☐ | ☐ |
| Pole Mounted Fixture SD | Photocontrol | Provided | Provided | ☐ | ☐ |

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*
[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*
[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

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| | **Date Prepared:** 8/11/2025 |

### I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

*This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.*
*Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.*

| | 01 | | | | |
|---|---|---|---|---|---|
| | "Use it or lose it" Allowance (select all that apply) (select all that apply) | | | | |
| | ☒ General Hardscape Allowance Table I (below) | ☐ Per Application Table J | ☐ Sales Frontage Table K | ☐ Ornamental Table L | ☐ Per Specific Area Table M |

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

| 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |
|---|---|---|---|---|---|---|---|
| Area Description | Area Wattage Allowance (AWA) | | | Linear Wattage Allowance (LWA) | | | Total General AWA + LWA (Watts) |
| | Illuminated Area (ft²) | Allowed Density (W/ft²) | Area Allowance (Watts) | Perimeter Length (lf) | Allowed Density (W/lf) | Linear Allowance (Watts) | |
| Appartus Tent | 648 | 0.019 | 12.3 | 108 | 0.2 | 16.2 | 29 |
| Pedestrian Hardscape | 1325 | 0.019 | 25.2 | 314 | 0.2 | 47.1 | 72 |
| Parking Lot | 2234 | 0.019 | 42.4 | 200 | 0.2 | 30 | 72 |
| | | | | | **Initial Wattage Allowance for Entire Site (Watts):** | | 200 |
| | | | | | **Instances of Initial Wattage Allowance (LZ 0 only)[1]** | | |
| | | | | | **Total General Hardscape Allowance (Watts):** | | 373 |

### J. LIGHTING ALLOWANCE: PER APPLICATION

*This section does not apply to this project.*

### K. LIGHTING ALLOWANCE: SALES FRONTAGE

*This section does not apply to this project.*

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | NRCC-LTO-E |
|---|---|
| **Project Name:** Menlo Park Temperary Fire Station #1 | **Report Page:** **(Page 6 of 7)** |
| | **Date Prepared:** 8/11/2025 |

### L. LIGHTING ALLOWANCE: ORNAMENTAL

*This section does not apply to this project.*

### M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

*This section does not apply to this project.*

### N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

*This section does not apply to this project.*

### O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

*Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online*

| Form/Title |
|---|
| NRCI-LTO-E - Must be submitted for all buildings |

### P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

*Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html*

| Form/Title | Systems/Spaces To Be Field Verified |
|---|---|
| NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires. | Building Mounted Fixture SB; Building Mounted Fixture SC; Pole Mounted Fixture SD; |

Generated Date/Time: Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: EnergyPro-5868-0825-1333 Report Generated: 2025-08-11 18:43:49

STATE OF CALIFORNIA
## Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | NRCC-LTO-E |
|---|---|
| **Project Name:** Menlo Park Temperary Fire Station #1 | **Report Page:** **(Page 7 of 7)** |
| **Project Address:** 114 Santa Margarita Ave | **Date Prepared:** 8/11/2025 |

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

**I certify that this Certificate of Compliance documentation is accurate and complete.**

| | |
|---|---|
| Documentation Author Name: Luis E. Flores | Documentation Author Signature: |
| Company: A&F Engineering Group, Inc. | Signature Date: 2025-08-11 |
| Address: 9320 Baseline Rd. Suite C | CEA/ HERS Certification Identification (if applicable): |
| City/State/Zip: Rancho Cucamonga CA 91701 | Phone: (909)941-3008 |

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

| | |
|---|---|
| Responsible Designer Name: Rolando E. Sotelo | Responsible Designer Signature: |
| Company: A&F Engineering Group, Inc. | Date Signed: 2025-08-11 |
| Address: 9320 Basline Rd. Suite C | License: E17229 |
| City/State/Zip: Rancho Cucamonga CA 91701 | Phone: (909) 941-3008 |

Generated Date/Time: Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: EnergyPro-5868-0825-1333 Report Generated: 2025-08-11 18:43:49

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A&F ENGINEERING GROUP, INC.
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TEL: (909) 941-3008 FAX (909) 941-8211

MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A B C

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

REGISTERED PROFESSIONAL ENGINEER
ROLANDO E. SOTELO
No. E17229
6/30/26
STATE OF CALIFORNIA

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

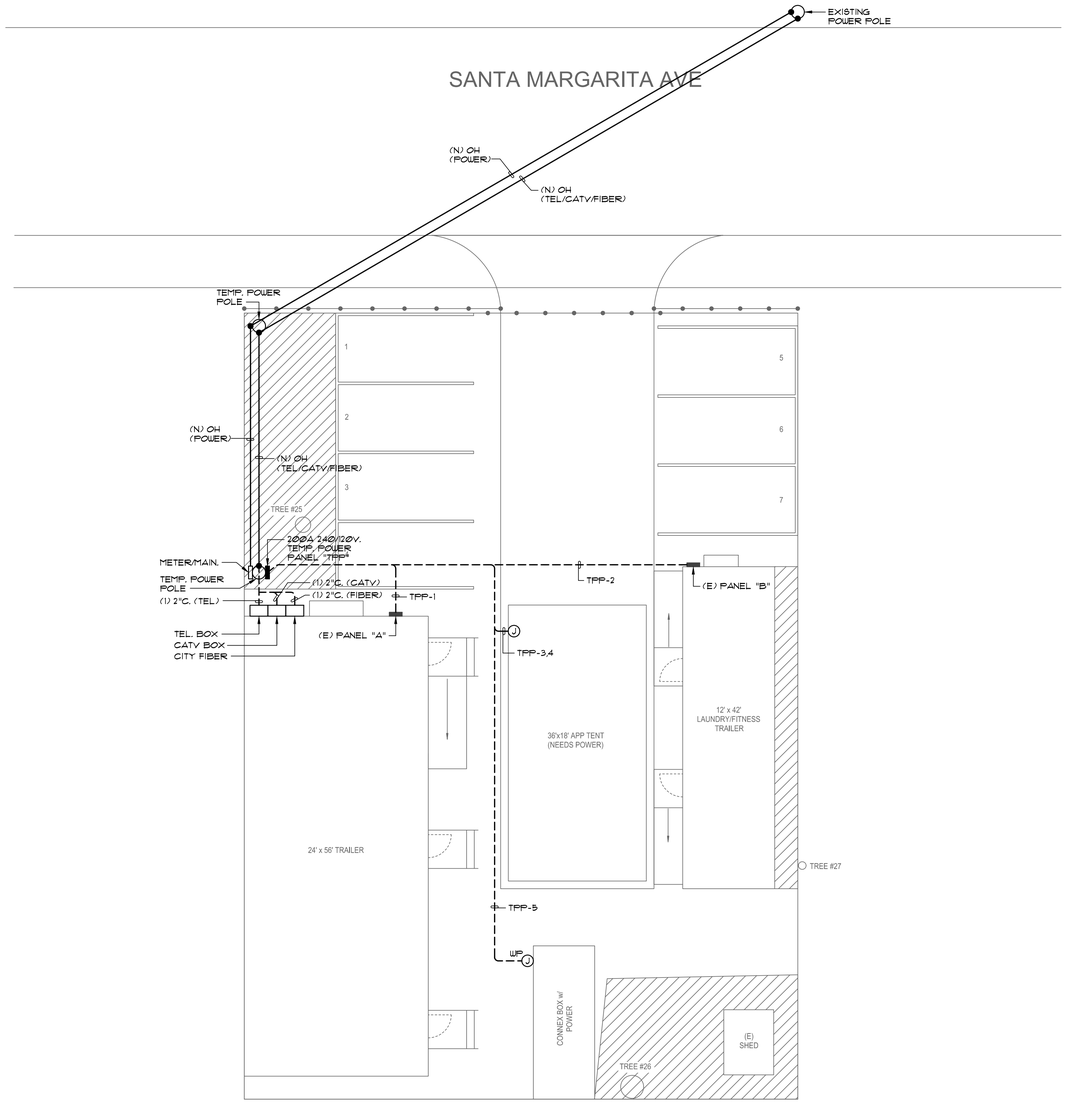
| No. | Description | Date |
|---|---|---|
| | | |

**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

**TITLE 24 COMPLIANCE FORMS**

**TF-E0.2**




## PLAN NOTES

1. REFER TO DRAWING E0.1 SINGLE LINE DIAGRAM, FOR POWER CONDUIT SIZE AND WIRE QUANTITIES.
2. CONDUIT AND WIRE INDICATED ON THE SINGLE LINE DIAGRAM, WHETHER SHOWN ON THIS DRAWING OR NOT, SHALL BE A PART OF THIS CONTRACT AND THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE REQUIRED ROUTING TO MEET THE INTENT OF THESE PLANS AND SPECIFICATIONS.
3. CONDUIT ROUTING INDICATED ON THESE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF UNDERGROUND CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES.
4. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETWEEN UNDERGROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT STUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS. EXACT METHOD FOR STUBBING-UP CONDUITS AT FOOTING LOCATIONS SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND THE ARCHITECT.
5. TEMPORARY POWER AND TELEPHONE POLES SPACING SHALL NOT EXCEED 75'-0". MAINTAIN 18'-0" MINIMUM CLEARANCE FROM FINISHED GRADE TO THE LOWEST POINT OF THE AERIAL CABLE AT DRIVE AREAS. MAINTAIN 14'-0" MINIMUM CLEARANCE FROM FINISHED GRADE TO THE LOWEST POINT OF THE AERIAL CABLE AT PEDESTRIAN PATHWAYS. PROVIDE REQUIRED GUY WIRES AND TRAFFIC BARRIERS. POLES SHALL BE DESIGNED TO ACCOUNT FOR THE WEIGHT OF THE CABLE(S) AND APPLICABLE WIND LOAD. PROVIDE CONCRETE BASES IF REQUIRED TO MEET THE REQUIREMENT.
6. REFER TO DRAWING E0.1, GENERAL NOTES, FOR ADDITIONAL REQUIREMENTS.

SITE POWER PLAN | 1/8" = 1'-0" | 1

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A&F ENGINEERING GROUP, INC.
9320 BASELINE RD., SUITE C, RANCHO CUCAMONGA, CA 91701
TEL. (909) 941-3008 FAX (909) 941-8211

**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN

NORTH: PLAN TRUE

DISCIPLINE

REGISTERED PROFESSIONAL ENGINEER
RICARDO E. SOTELO
No. E17229
6/30/26
STATE OF CALIFORNIA

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

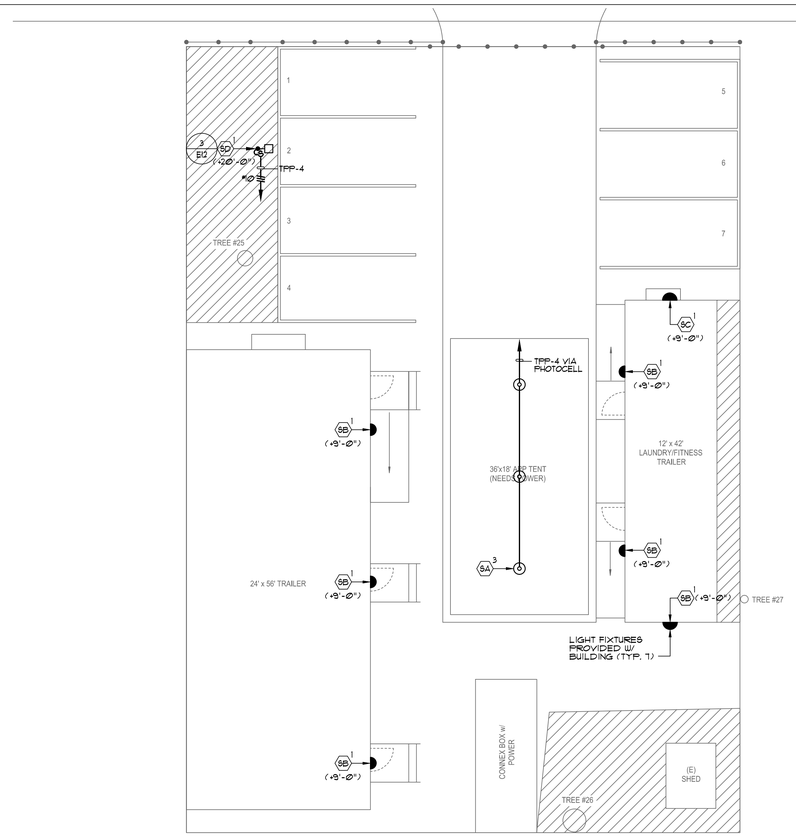
| No. | Description | Date |
|---|---|---|
| 1 | Plan Check Cycle #3 | 07-08-2025 |

**PLANNING DEPARTMENT SUBMITTAL**

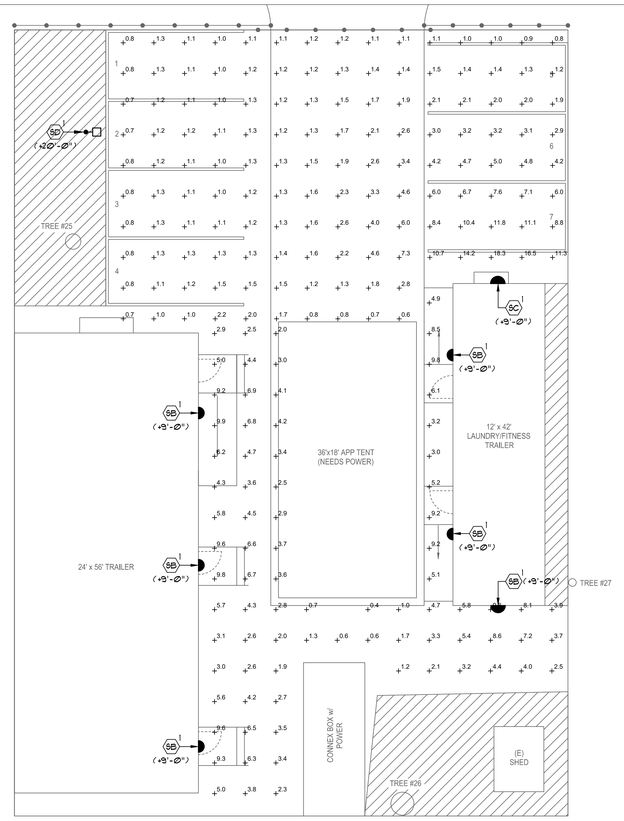
BUILDING NUMBER

SITE POWER PLAN

E1.1



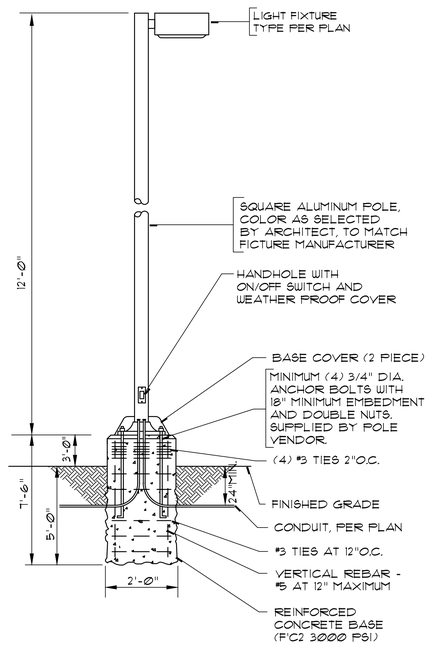

SITE LIGHTING PLAN | 1/8" = 1'-0" | 1




SITE PHOTOMETRIC PLAN | 1/8" = 1'-0" | 1

## PLAN NOTES

1. REFER TO GENERAL NOTES , SHEET E0.1, FOR ADDITIONAL REQUIREMENTS.
2. REFER TO SHEET E0.1, FIXTURE SCHEDULE, FOR FIXTURE TYPE TO BE PROVIDED AND INSTALLED.
3. PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING IN THE BUILDING PANEL TO PROVIDE POWER FOR THE BUILDING EXTERIOR LIGHT FIXTURES. NOTE- FIXTURE TYPE "5A" IS PROVIDED WITH INTEGRAL PHOTOCELL. NO TIME CLOCK IS REQUIRED.




POLE MOUNTED FIXTURE | N.T.S. | 3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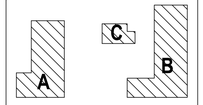
**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

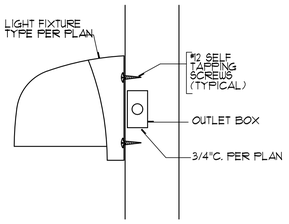
| No. | Description | Date |
|---|---|---|
| 1 | Plan Check Cycle #3 | 07-08-2025 |

**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

SITE LIGHTING & PHOTOMETRIC PLANS

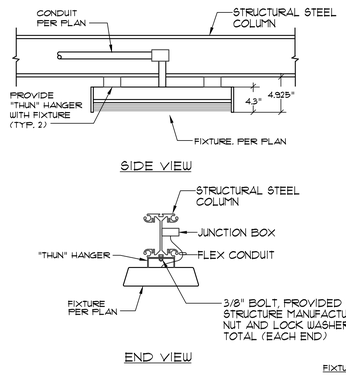
E1.2




NOTE: ALL OUTDOOR LIGHT FIXTURES SHALL BE WEATHER SEALED WITH SILICONE SEALANT AROUND OUTSIDE EDGE.

## EXTERIOR LIGHT FIXTURE - STEEL STUD

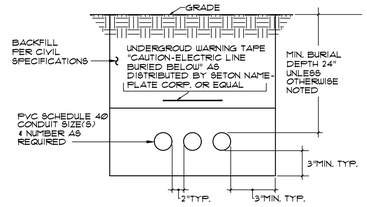
SCALE: NONE | 1




FIXTURE WEIGHT = 12LBS.

## SURFACE MOUNTED LIGHT FIXTURE

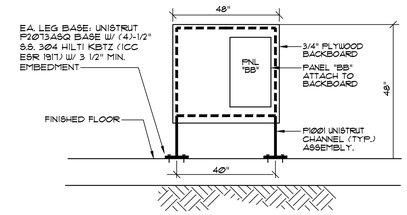
SCALE: NONE | 2




NOTES:
1. SLOPE RUNS A MIN. OF 4" IN 100 FT. BETWEEN MANHOLES OR MANHOLE AND VAULT OR CABLE RISERS.
2. RUN SHALL BE STRAIGHT WITHOUT ANY HIGH OR LOW POINTS BETWEEN ENDS. THE HIGHER END SHALL BE AT A VENTILATED MANHOLE,VAULT, OR CABLE RISER.

## UNDERGROUND CONDUIT

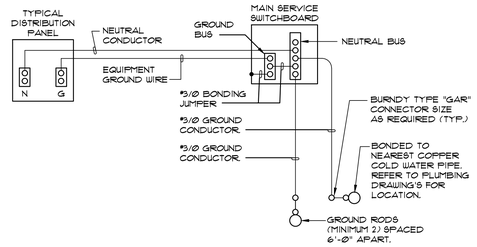
SCALE: NONE | 3




PANEL "BB"
36"H x 20"W x 6"D
150 LBS MAX.

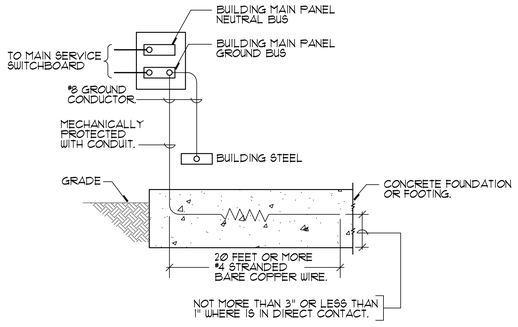
## BUTLER BUILDING PANEL SUPPORT

SCALE: NONE | 4



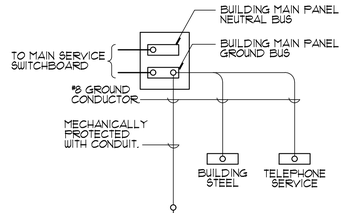

## SERVICE GROUNDING

SCALE: NONE | 5




## SPRUNG AND BUTLER BUILDING GOUND

SCALE: NONE | 6

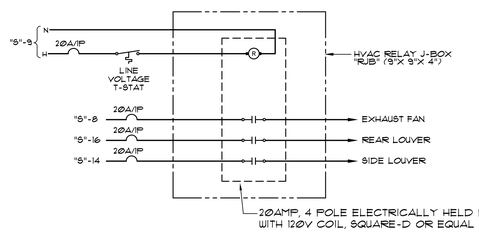



## MODULAR BUILDING GROUNDING

SCALE: NONE | 7

## NOT USED

SCALE: NONE | 13

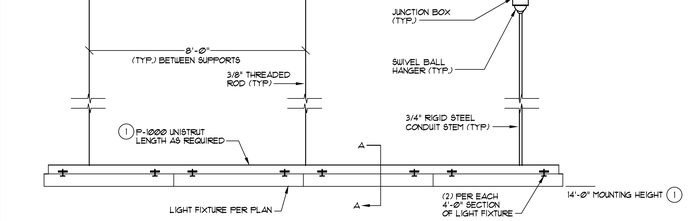



## HVAC WIRING DIAGRAM

SCALE: NONE | 9

## NOT USED

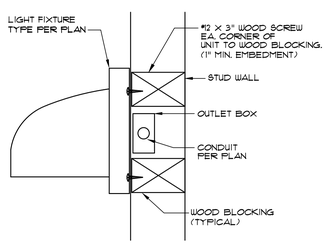
SCALE: NONE | 10




DETAIL NOTE:
1 UNISTRUT SUPPORT SHALL NOT BE HIGHER THAN THE BOTTOM OF THE BUILDING TRUSS.

## BUTLER BUILDING LIGHT FIXTURE SUPPORT

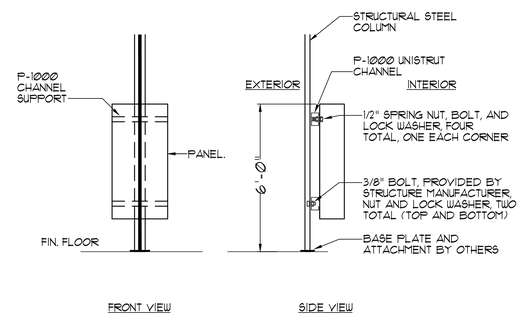
SCALE: NONE | 11




NOTE: ALL OUTDOOR LIGHT FIXTURES SHALL BE WEATHER SEALED WITH SILICONE SEALANT AROUND OUTSIDE EDGE.

## EXTERIOR LIGHT FIXTURE - WOOD STUD

SCALE: NONE | 12




## PANEL MOUNTING DETAIL

SCALE: NONE | 8

## NOT USED

SCALE: NONE | 14

## NOT USED

SCALE: NONE | 15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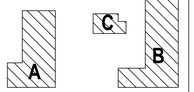



KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

ELECTRICAL DETAILS

TF-E3.1

# Preliminary Grading & Drainage Plan

for

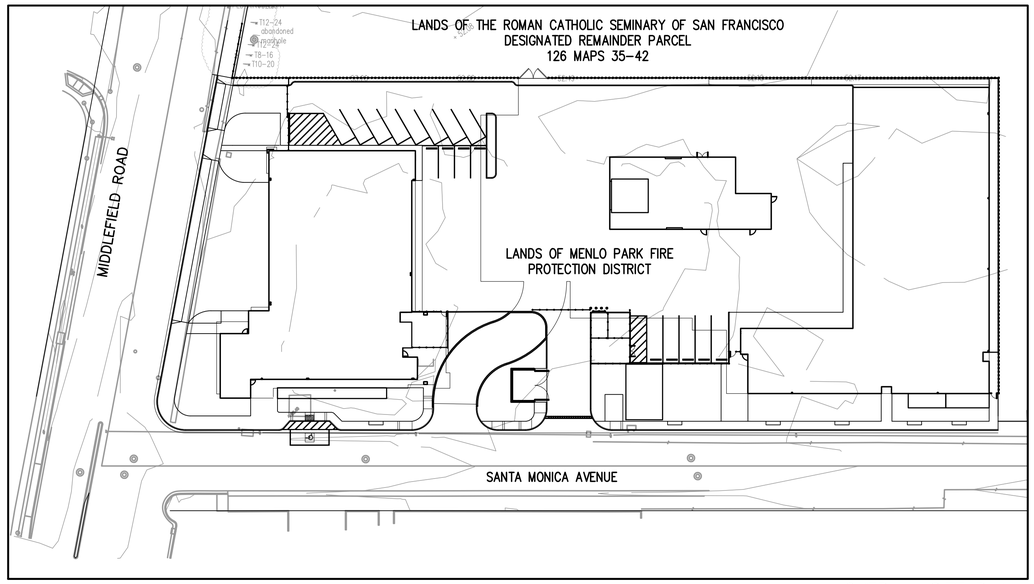
# Menlo Park Fire Station No.1 & Training Tower

300 & 320 Middlefield Road - apn 062-460-100

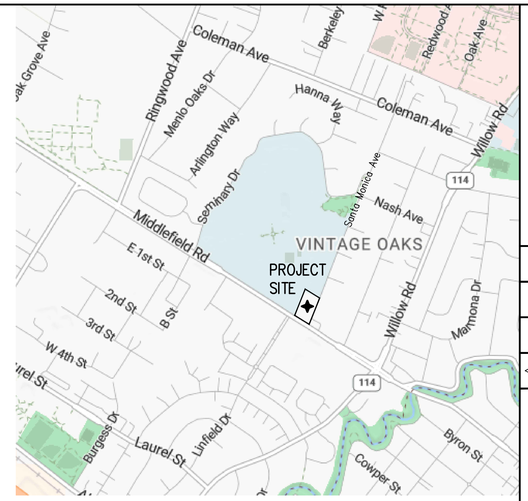
City of Menlo Park, California
San Mateo County

## GENERAL NOTES:

1. All grading is subject to observation by the City. Permittee or representative shall notify the City of Menlo Park Department of Public Works Project Inspector at least 48 hours before start of any grading.
2. It shall be the responsibility of the Permittee or agent to identify, locate and protect all underground facilities.
3. The permittee or agent shall maintain the streets, sidewalks and all other public rights-of-way in a clean, safe and usable condition. All spills of soil, rock or construction debris shall be removed from the publicly owned property during construction and upon completion of the project. All adjacent property, private or public shall be maintained in a clean, safe and usable condition.
4. Civil Engineer Information and Statements:
   A. The Civil Engineer for this project is:
   Hanna & Brunetti, 7651 Eigleberry Street, Gilroy, CA 95020
   B. This Rough Grading Plan has been prepared under the direction of a licensed engineer and designed based on the recommendations of the referenced project Geotechnical Report.
   C. The stormwater conveyance system has been designed in accordance with the appropriate Building and Plumbing Codes or has been proven to be designed with adequate capacity through signed and sealed hydraulic calculations.
5. Soils Engineer Information and Requirements:
   A. The Soil Engineer for this project is:
   Atlas Technical Consultants LLC 2001 Crow Canyon Rd, Suite 210, San Ramon, CA 94583
   B. The Geotechnical Report for this project is:
   Geotechnical Engineering Study Atlas No. 91-68237-PW
   Limited Phase II Subsurface Investigation Report Atlas No. Z054000398
   C. All grading work shall conform to the recommendations of the project Geotechnical Report and/or the project Soil Engineer.
   D. All grading work shall be observed and approved by the Soil Engineer. The Soil Engineer shall be notified at least 48 hours before beginning any grading. Unobserved and/or unapproved grading work shall be removed and replaced under observation.




OVERALL SITE PLAN
SCALE: 1"=40'




VICINITY MAP
NO SCALE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

## ABBREVIATION:

| | | | | | |
|---|---|---|---|---|---|
| AC | ASPHALT CONCRETE | ER | END OF RETURN | P.S.S.E. | PRIVATE SANITARY SEWER EASEMENT |
| AB | AGGREGATE BASE | ESMT | EASEMENT | P.U.E. | PUBLIC UTILITY EASEMENT |
| AD | AREA DRAIN | (E) | EXISTING | PVI | POINT OF VERTICAL INTERSECTION |
| AGG | AGGREGATE | EX. | EXISTING | PVC | POLYVINYL CHLORIDE PIPE |
| BC | BEGINNING OF CURVE | FF | FINISH FLOOR | R | RADIUS |
| BPD | BACKFLOW PREVENTER DEVICE | FG | FINISH GRADE | RCP | REINFORCED CONCRETE PIPE |
| BLDG | BUILDING | FH | FIRE HYDRANT | R/W | RIGHT OF WAY |
| BOC | BACK OF CURB | FL | FLOWLINE | RWL | RAINWATER LEADER |
| BO | BLOW OFF | FOC | FACE OF CURB | S | SLOPE |
| BOT | BOTTOM | G | GAS LINE | SD | STORM DRAIN PIPE |
| BOW | BACK OF WALK | GM | GAS METER | SS | SANITARY SEWER PIPE |
| BW | BOTTOM OF WALL | GB | GRADE BREAK | STM | STORM DRAIN MANHOLE |
| BWF | BARBWIRE FENCE | GUY | GUY WIRE FOR POLE | SS MH | SANITARY SEWER MANHOLE |
| CATV | CABLE TELEVISION | GV | GATE VALVE | SP | SERVICE POLE |
| CB | CATCH BASIN | HDPE | HIGH DENSITY POLYETHYLENE | STD | STANDARD |
| C&G | CURB & GUTTER | HMA | HOT MIX ASPHALT | SQ | SQUARE |
| CI | CURB INLET | HP | HIGH POINT | SW | SIDEWALK |
| CL | CENTERLINE | INV | INVERT OF PIPE | T | TELEPHONE LINE |
| CMP | CORRUGATED METAL PIPE | IP | IRON PIPE | TBM | TEMPORARY BENCHMARK |
| CMU | CONCRETE MASONRY UNIT | JP | JOINT POLE | TC | TOP OF CURB |
| CO | CLEAN OUT | JT | JOINT TRENCH | TCM | TREATMENT CONTROL MEASURES |
| CONC | CONCRETE | LF | LINEAR FEET | TFC | TOP FACE OF CURB |
| CONST | CONSTRUCTION | LP | LOW POINT | TG | TOP OF GRATE |
| DDCV | DOUBLE DETECTOR CHECK | MAX | MAXIMUM | TOB | TOP OF BANK |
| VA | VALVE ASSEMBLY | MIN | MINIMUM | TOE | TOE OF BANK |
| DI | DROP INLET | N.I.C. | NOT IN CONTRACT | TW | TOP OF WALL |
| DIP | DUCTILE IRON PIPE | (N) | NEW | TYP | TYPICAL |
| DMA | DRAINAGE MANAGEMENT AREA | OHU | OVERHEAD UTILITY | W | WATER LINE |
| DWY | DRIVEWAY | PB | PULL BOX | WM | WATER METER |
| E | ELECTRIC LINE | PCC | PORTLAND CONCRETE CEMENT | WV | WATER VALVE |
| EC | END OF CURVE | PL | PROPERTY LINE | | |
| EG | EXISTING GRADE | POC | POINT OF CONNECTION | | |
| ELEV | ELEVATION | PRC | POINT REVERSE CURVE | | |
| EP | EDGE OF PAVEMENT | P.S.E. | PUBLIC SERVICE EASEMENT | | |
| | | P.S.D.E. | PRIVATE STORM DRAIN EASEMENT | | |

## LEGEND:

| EXISTING | (Symbol Size May Vary) | PROPOSED |
|---|---|---|
| | Property Boundary | |
| | Lot Line | |
| | Curb & Gutter | |
| (SD) | Storm Drain | |
| | Sanitary Sewer | |
| | Swale | |
| □ | Field Inlet / Flat Grate Inlet | ■ |
| | Area Drain | |
| ◎ | Storm Manhole | ◎ |
| | Direction of Surface Drainage | |
| | Overland Release | |
| 10 | Contour | 10 |
| | Retaining Wall | |
| | Street Light | |
| | Fire Hydrant | |

### ENGINEERING GEOLOGIST AND GEOTECHNICAL ENGINEER OF RECORD

THIS PLAN HAS BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE INTENT AND PURPOSE OF THE GEOTECHNICAL AND GEOLOGIC REPORT.

PREPARED BY (COMPANY NAME) _____ DATE OF REPORT _____

BY C.E.G. # _____ BY G.E. # _____

### EARTH WORK QUANTITIES

CUT: 676 CY
FILL: 12 CY
EXPORT: 664 CY
IMPORT: _____

NOTE: EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INDEPENDENTLY ESTIMATE QUANTITIES FOR HIS/HER OWN USE.

EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED ON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 1-800-642-2444. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCE BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOB SITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR AND IS DEEMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.

### NOTE:

WHERE THE FIRM OF HANNA & BRUNETTI DOES NOT PROVIDE CONSTRUCTION STAKES, SAID FIRM WILL ASSUME NO RESPONSIBILITY WHATSOEVER FOR IMPROVEMENTS CONSTRUCTED THEREFROM.

### NOTE TO CONTRACTOR

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

### OWNER

MENLO PARK FIRE PROTECTION DISTRICT
170 MIDDLEFIELD RD
MENLO PARK, CA 94025

(650) 688-8400

### ARCHITECT

PBK, INC.
1327 ARCHER ST, SUITE 110
SAN LUIS OBISPO, CA 93401

(805) 329-3076 P
(805) 329-3076 F

### SURVEYOR

HANNA-BRUNETTI
7651 EIGLEBERRY STREET
GILROY, CA 95020

OFFICE 408 842-2173
FAX 408 842-3662
EMAIL: ENGINEERING@HANNABRUNETTI.COM

### GEOTECHNICAL ENGINEER

ATLAS TECHNICAL CONSULTANTS LLC
2001 CROW CANYON ROAD, SUITE 210
SAN RAMON, CA 94583

(925) 314-7100

### LANDSCAPE ARCHITECT

WILSON DESIGN STUDIO LANDSCAPE ARCHITECTURE
1631 ALHAMBRA BLVD., SUITE 100
SACRAMENTO, CA 95816

(916) 524-5614
WDSLA.COM

### CIVIL ENGINEER

HANNA-BRUNETTI
7651 EIGLEBERRY STREET
GILROY, CA 95020

OFFICE 408 842-2173
FAX 408 842-3662
EMAIL: ENGINEERING@HANNABRUNETTI.COM

date: _____
Hanna – Brunetti

Amanda Joy Musy-Verdel

R.C.E. # 69,278
expires: 6/30/

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEL
NO. 69278
EXP. 6-30-
CIVIL
STATE OF CALIFORNIA

### SHEET INDEX


C1.0 COVER SHEET
C2.0 BOUNDARY & TOPOGRAPHIC SURVEY
C3.0 DEMOLITION PLAN
C4.0 SITE DEVELOPMENT PLAN
C5.0 GRADING & DRAINAGE PLAN
C6.0 GRADING & DRAINAGE PLAN
C7.0 CROSS SECTIONS
C8.0 UTILITY PLAN
C9.0 STORMWATER MANAGEMENT PLAN
C10.0 CONSTRUCTION DETAILS
C11.0 EROSION CONTROL PLAN
C12.0 BEST MANAGEMENT PRACTICES


REVISIONS | DATE | CS.J | BY

HANNA-BRUNETTI
EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 EMAIL: ENGINEERING@HANNABRUNETTI.COM

PRELIMINARY GRADING & DRAINAGE PLAN
COVER SHEET
300 & 320 Middlefield Road
APN 062-460-100
MENLO PARK | CALIFORNIA
Project No: 23062 | Designed: AM | Checked: XX | Date: 07/30/24

SHEET
C1.0
Of 12 SHEETS

PW PROJECT #
-

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR PART, IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS IN THE ENGINEER WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

LANDS OF THE ROMAN CATHOLIC SEMINARY OF SAN FRANCISCO
DESIGNATED REMAINDER PARCEL
126 MAPS 35–42

LANDS OF MENLO PARK
FIRE PROTECTION DISTRICT

MIDDLEFIELD ROAD
(76' – R/W)

SANTA MONICA AVENUE
(50' – R/W)

N 21°30'04" E 427.02'

N 68°29'56" W 191.68'

N 21°30'04" E 462.86'

182.86'

N 57°54'30" W 195.00'
150.00'

BUILDING

AC PAVE

CONC

FENCE

GATE

SHED

GENERATOR PAD

TEMPORARY BENCHMARK
TOP OF FIRE HYDRANT
ELEV. = 56.12
(CITY OF MENLO PARK DATUM)

GRAPHIC SCALE

20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

**BENCHMARK:**

BENCHMARK ID: Y 150
ELEVATION: 59.9' (NAVD88)
ORGANIZATION: NATIONAL GEODETIC SURVEY

DESCRIPTION:
BENCHMARK DISK.

ADD 1.569' TO CONVERT TO NAVD88

"Y 150" WAS USED AS THE BENCHMARK FOR THIS TOPOGRAPHY MAP.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

PLAN # _____
SHEET _____ OF _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
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HANNA-BRUNETTI
EST. 1912
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: T.M.

date: _____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEZ
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

MENLO PARK
JULY 2024

# Boundary & Topographic Survey

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

SANTA CLARA COUNTY
CALIFORNIA

SHEET C2.0 OF 13

JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

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LANDS OF THE ROMAN CATHOLIC SEMINARY OF SAN FRANCISCO
DESIGNATED REMAINDER PARCEL
126 MAPS 35-42

LANDS OF MENLO PARK
FIRE PROTECTION DISTRICT

EXISTING FENCE TO BE DEMOLISHED

EXISTING FENCE AND GATE TO BE DEMOLISHED

REMOVE & DISPOSE EXISTING AC DRIVEWAY

GATE TO BE DEMOLISHED

EXISTING BUILDING TO BE DEMOLISHED TYPICAL

EXISTING BUILDING TO BE DEMOLISHED TYPICAL

EXISTING SHED TO BE DEMOLISHED

ALL EXISTING FENCE TO BE DEMOLISHED

NOTE: ALL EXISTING UTILITIES LOCATED INSIDE THE PROPERTY LINE WILL BE DEMOLISHED

REMOVE & DISPOSE EXISTING CONCRETE DRIVEWAY

REMOVE & DISPOSE EXISTING CONCRETE DRIVEWAY

EXISTING FENCE AND GATE TO BE DEMOLISHED

EXISTING FIRE HYDRANT TO BE DEMOLISHED

REMOVE & DISPOSE EXISTING CONCRETE DRIVEWAY

DISCONNECT SANITARY SEWER LATERAL PER DISTRICT STD NO.24

TEMPORARY BENCHMARK
TOP OF FIRE HYDRANT
ELEV. = 56.12
(CITY OF MENLO PARK DATUM)

GRAPHIC SCALE

20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

PLAN # ____ OF ____
SHEET ____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
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| | | |
| | | |

HANNA-BRUNETTI
EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: ____
DRAWN BY: T.M.

date: ____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEZ
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Demolition Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C3.0
OF 12

JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD

JOB NO. 23062

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MIDDLEFIELD ROAD
(76' – R/W)

PROPERTY LINE
N 21°30'04" E 427.02'

N 57°54'30" W 195.06'

PROPOSED
BLDG A
FIRE STATION 01

PROPOSED
BLDG C
TRAINING TOWER

PROPOSED
BLDG B
ADMIN BLDG

PROPERTY LINE
N 68°29'56" W 191.68'

N 21°30'04" E 462.86'

SANTA MONICA AVENUE
(50' – R/W)

GRAPHIC SCALE
20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

PLAN # ____ OF ____
SHEET ____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
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HANNA-BRUNETTI
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CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: ____
DRAWN BY: T.M.

date: ____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEL
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Site Development Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C4.0
OF 12

JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD

JOB NO. 23062

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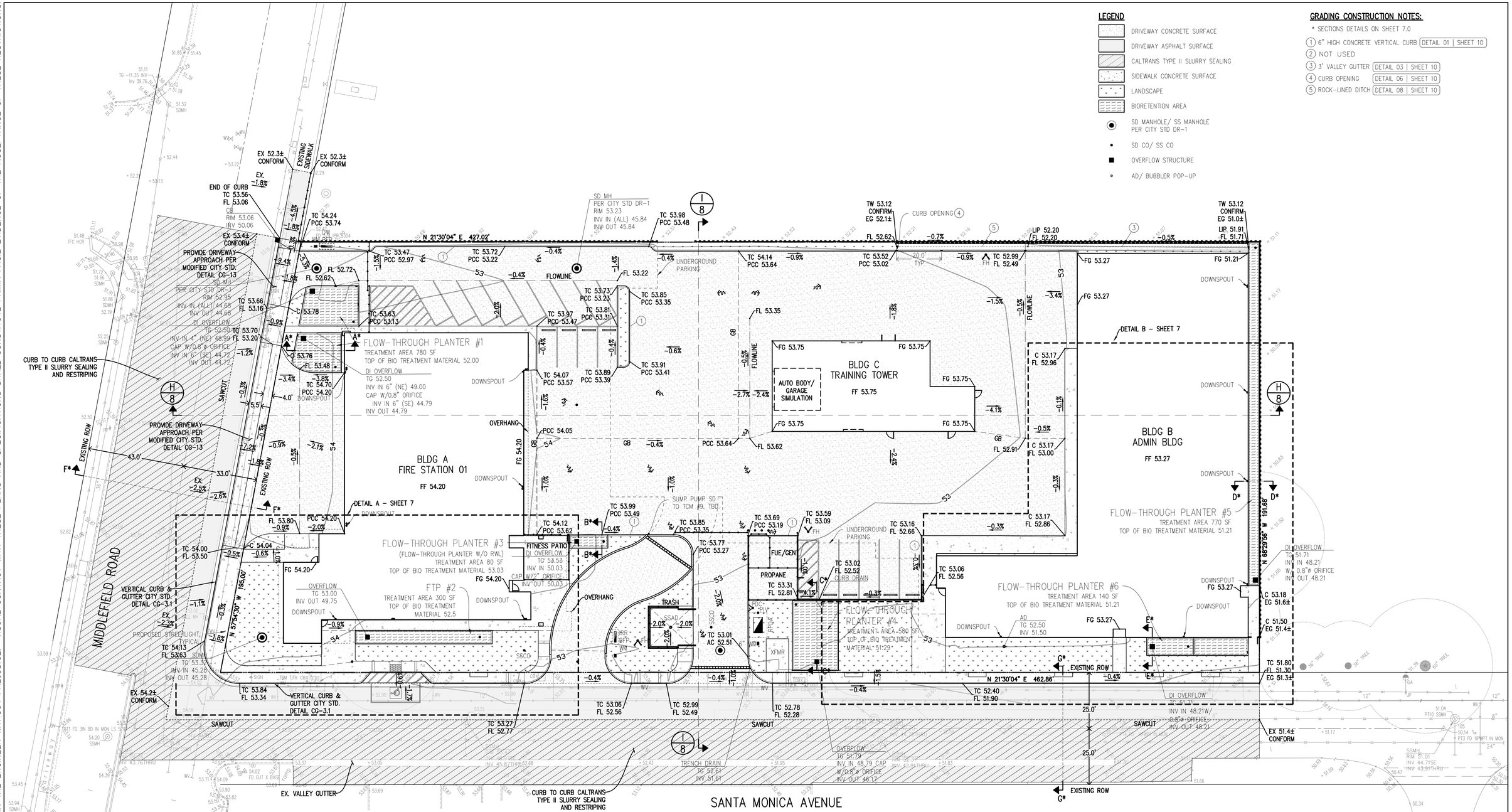
## LEGEND

- DRIVEWAY CONCRETE SURFACE
- DRIVEWAY ASPHALT SURFACE
- CALTRANS TYPE II SLURRY SEALING
- SIDEWALK CONCRETE SURFACE
- LANDSCAPE
- BIORETENTION AREA
- SD MANHOLE/ SS MANHOLE PER CITY STD DR-1
- SD CO/ SS CO
- OVERFLOW STRUCTURE
- AD/ BUBBLER POP-UP

## GRADING CONSTRUCTION NOTES:

* SECTIONS DETAILS ON SHEET 7.0

1. 6" HIGH CONCRETE VERTICAL CURB | DETAIL 01 | SHEET 10
2. NOT USED
3. 3' VALLEY GUTTER | DETAIL 03 | SHEET 10
4. CURB OPENING | DETAIL 06 | SHEET 10
5. ROCK-LINED DITCH | DETAIL 08 | SHEET 10




GRAPHIC SCALE

20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

PLAN # _____
SHEET _____ OF _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
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| | | |
| | | |

HANNA-BRUNETTI
EST. 1970
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: T.M.

date: _____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEZ
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Grading & Drainage Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C5.0
OF 12

JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

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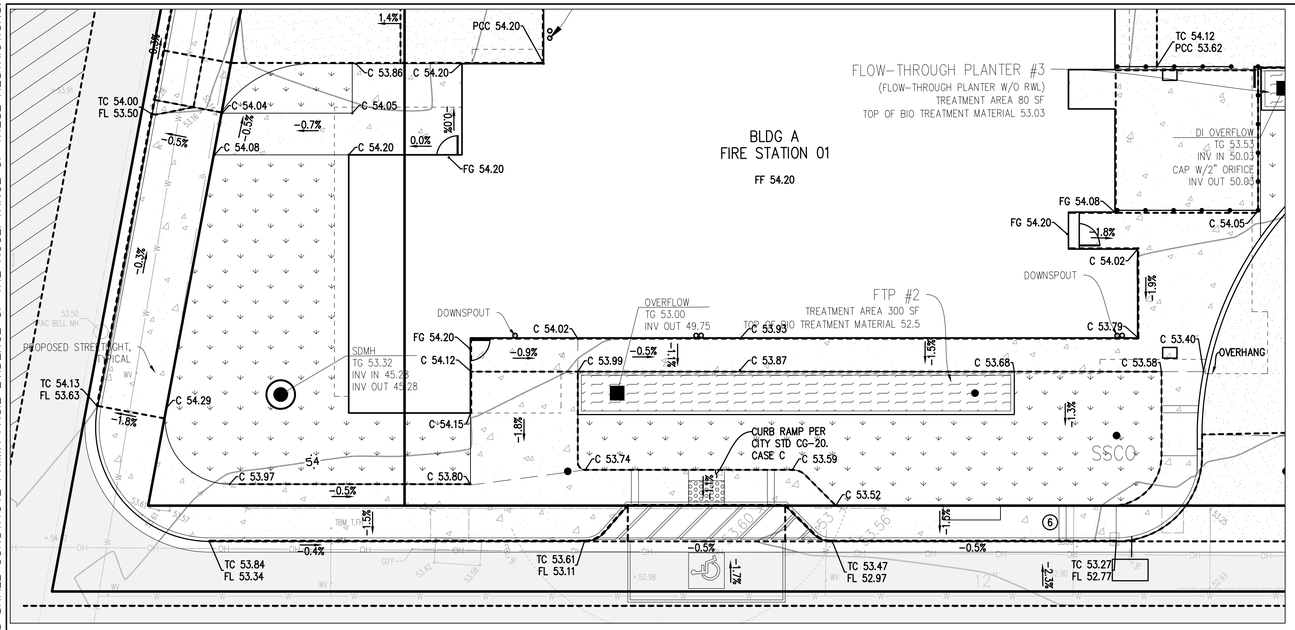
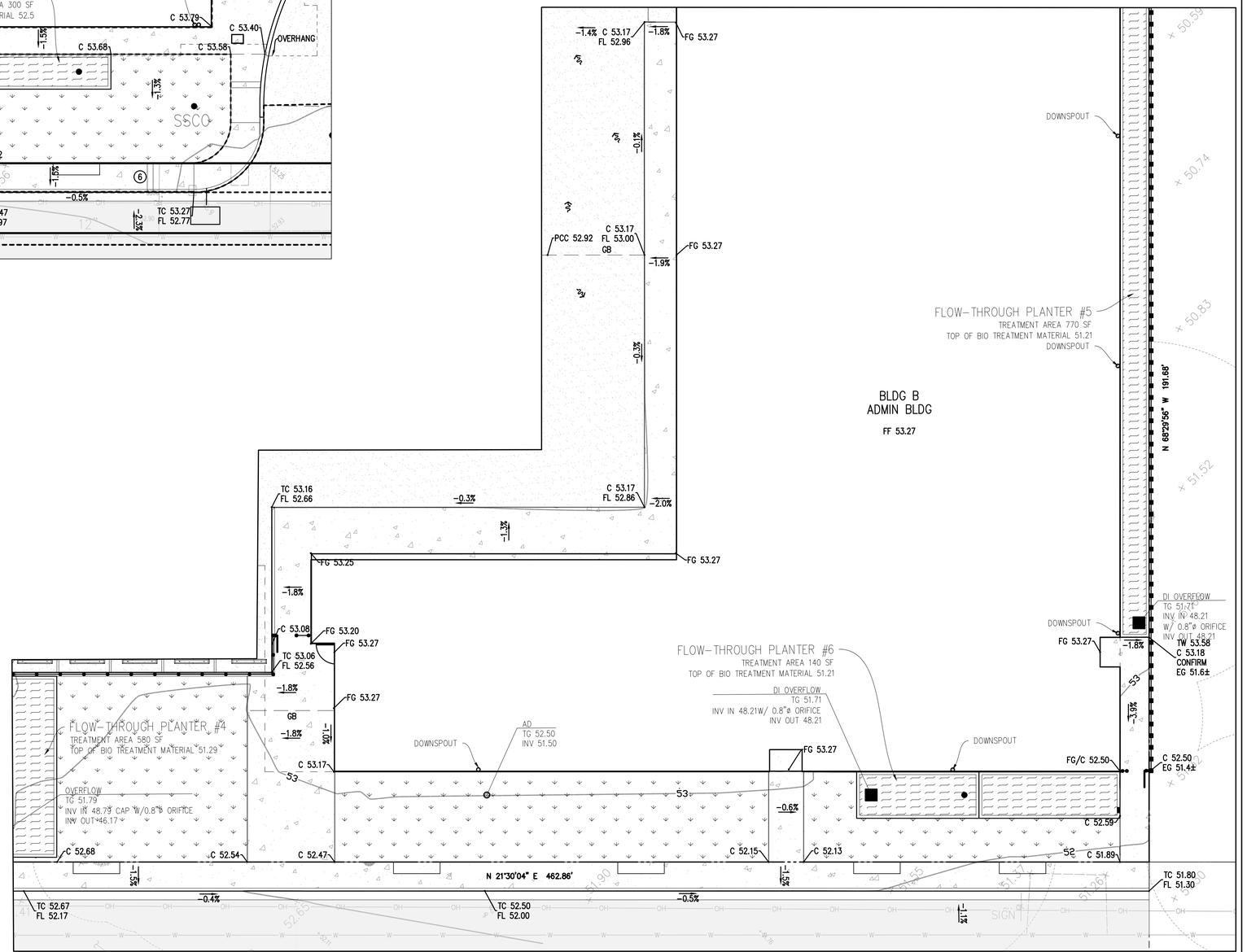



## DETAIL A
SCALE: 1"=10'




## DETAIL B
SCALE: 1"=10'

**LEGEND**

- DRIVEWAY CONCRETE SURFACE
- DRIVEWAY ASPHALT SURFACE
- CALTRANS TYPE II SLURRY SEALING
- SIDEWALK CONCRETE SURFACE
- LANDSCAPE
- BIORETENTION AREA
- SD MANHOLE/ SS MANHOLE PER CITY STD DR-1
- SD CO/ SS CO
- OVERFLOW STRUCTURE
- AD/ BUBBLER POP-UP

**GRADING CONSTRUCTION NOTES:**

* SECTIONS DETAILS ON SHEET 7.0

1. 6" HIGH CONCRETE VERTICAL CURB | DETAIL 01 | SHEET 10
2. CURB & GUTTER | DETAIL 02 | SHEET 10
3. 3' VALLEY GUTTER | DETAIL 03 | SHEET 10
4. CURB OPENING | DETAIL 06 | SHEET 10
5. ROCK-LINED DITCH | DETAIL 08 | SHEET 10
6. CURB RAMP PER CITY STD CG-20. ADJUSTED CASE F

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

GRAPHIC SCALE
10 0 5 10 20 40
( IN FEET )
1 inch = 10 ft.

PLAN # ____ OF ____
SHEET ____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |

HANNA-BRUNETTI
EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=10'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: ____
DRAWN BY: T.M.

date: Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEZ
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Grading & Drainage Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C6.0
OF 12
JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

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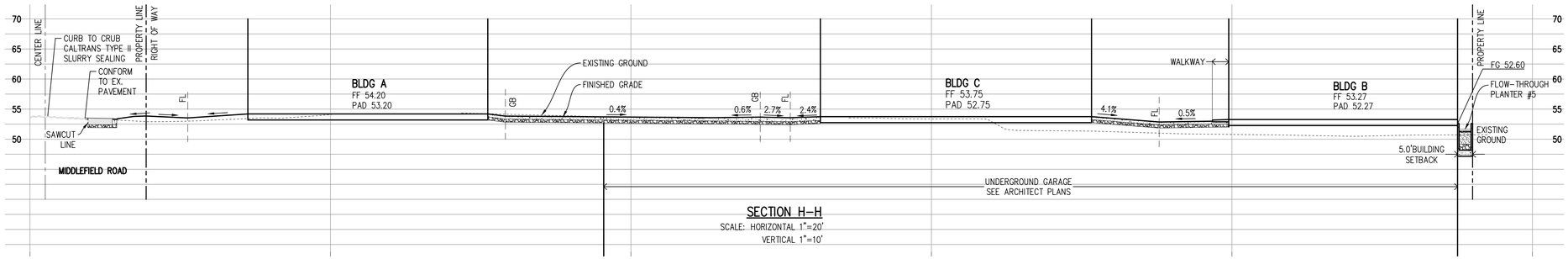
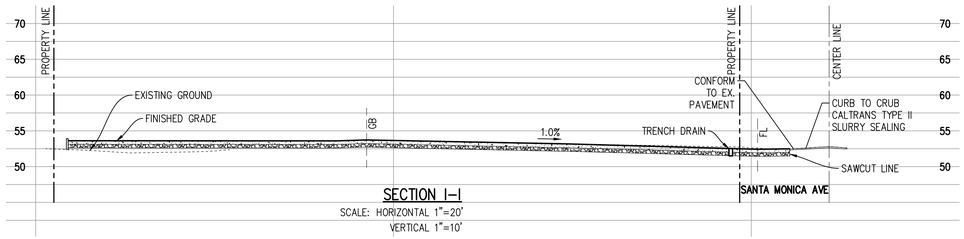
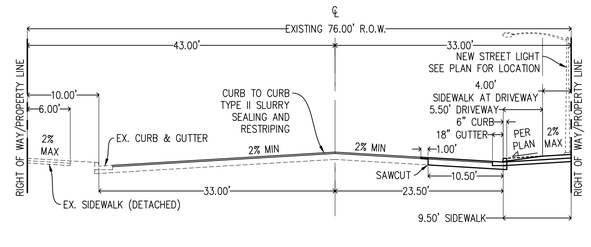


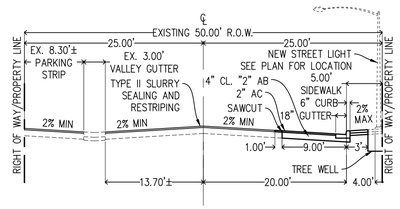

## SECTION H–H
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=10'



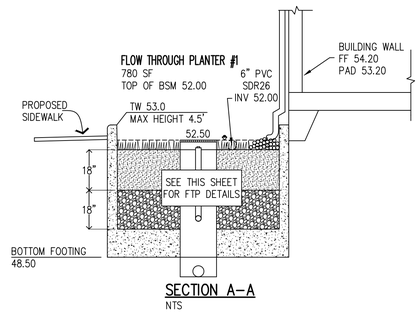

## SECTION I–I
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=10'



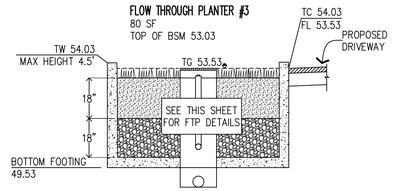

## MIDDLEFIELD ROAD–CROSS SECTION F–F
76' RIGHT OF WAY
1"=10'



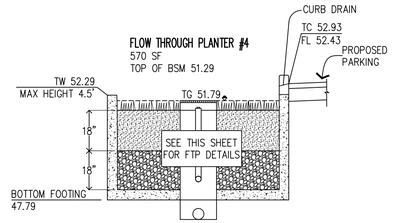

## SANTA MONICA AVENUE–CROSS SECTION G–G
50' RIGHT OF WAY
1"=10'



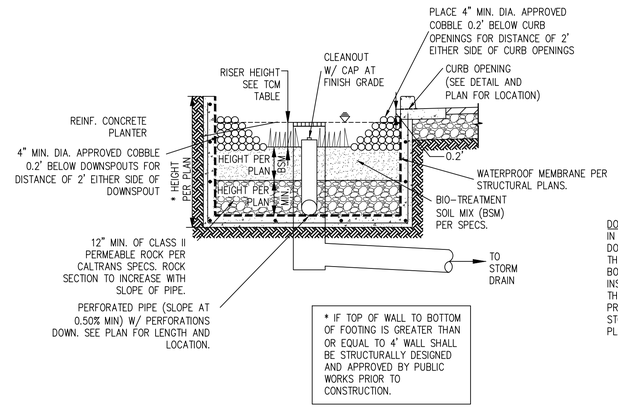

## SECTION A–A
NTS



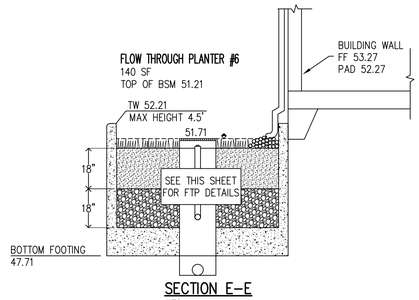

## SECTION B–B
NTS



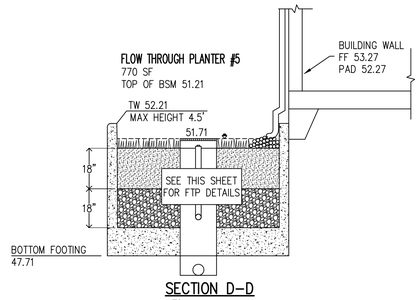

## SECTION C–C
NTS




DOWNSPOUT NOTE:
IN THE EVENT ONLY ONE DOWNSPOUT IS LOCATED WITHIN THE FLOW-THROUGH PLANTER BOX, CONTRACTOR SHALL INSTALL A FLOW SPREADER AT THE DOWNSPOUT TO ENSURE PROPER DISTRIBUTION OF STORMWATER OVER THE ENTIRE PLANTER.




## SECTION E–E
NTS




## SECTION D–D
NTS

**PRELIMINARY PLANS**
**NOT FOR CONSTRUCTION**

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

PLAN # _____ OF _____
SHEET _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

HANNA-BRUNETTI
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CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: NONE
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: TM

date: _____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEL
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Cross Sections

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C7.0
OF 13

JOB NO.
23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD

JOB NO. 23062

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR PART, IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS IN THE ENGINEER WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

## SCOPE OF WORK – UTILITY PLAN

SCOPE OF WORK INCLUDES, BUT NOT LIMITED TO:

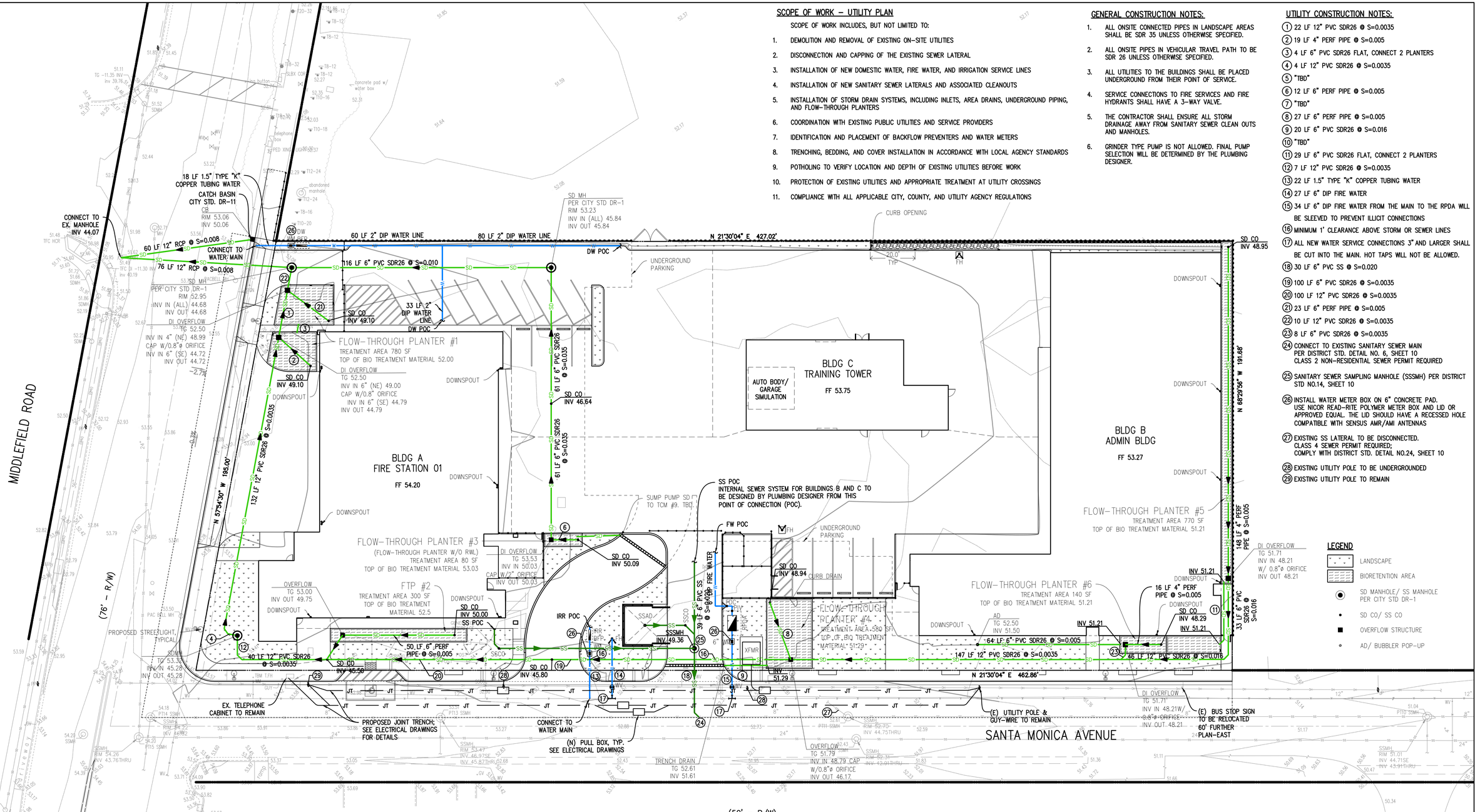
1. DEMOLITION AND REMOVAL OF EXISTING ON-SITE UTILITIES
2. DISCONNECTION AND CAPPING OF THE EXISTING SEWER LATERAL
3. INSTALLATION OF NEW DOMESTIC WATER, FIRE WATER, AND IRRIGATION SERVICE LINES
4. INSTALLATION OF NEW SANITARY SEWER LATERALS AND ASSOCIATED CLEANOUTS
5. INSTALLATION OF STORM DRAIN SYSTEMS, INCLUDING INLETS, AREA DRAINS, UNDERGROUND PIPING, AND FLOW-THROUGH PLANTERS
6. COORDINATION WITH EXISTING PUBLIC UTILITIES AND SERVICE PROVIDERS
7. IDENTIFICATION AND PLACEMENT OF BACKFLOW PREVENTERS AND WATER METERS
8. TRENCHING, BEDDING, AND COVER INSTALLATION IN ACCORDANCE WITH LOCAL AGENCY STANDARDS
9. POTHOLING TO VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES BEFORE WORK
10. PROTECTION OF EXISTING UTILITIES AND APPROPRIATE TREATMENT AT UTILITY CROSSINGS
11. COMPLIANCE WITH ALL APPLICABLE CITY, COUNTY, AND UTILITY AGENCY REGULATIONS

## GENERAL CONSTRUCTION NOTES:

1. ALL ONSITE CONNECTED PIPES IN LANDSCAPE AREAS SHALL BE SDR 35 UNLESS OTHERWISE SPECIFIED.
2. ALL ONSITE PIPES IN VEHICULAR TRAVEL PATH TO BE SDR 26 UNLESS OTHERWISE SPECIFIED.
3. ALL UTILITIES TO THE BUILDINGS SHALL BE PLACED UNDERGROUND FROM THEIR POINT OF SERVICE.
4. SERVICE CONNECTIONS TO FIRE SERVICES AND FIRE HYDRANTS SHALL HAVE A 3-WAY VALVE.
5. THE CONTRACTOR SHALL ENSURE ALL STORM DRAINAGE AWAY FROM SANITARY SEWER CLEAN OUTS AND MANHOLES.
6. GRINDER TYPE PUMP IS NOT ALLOWED. FINAL PUMP SELECTION WILL BE DETERMINED BY THE PLUMBING DESIGNER.

## UTILITY CONSTRUCTION NOTES:

1. 22 LF 12" PVC SDR26 @ S=0.0035
2. 19 LF 4" PERF PIPE @ S=0.005
3. 4 LF 6" PVC SDR26 FLAT, CONNECT 2 PLANTERS
4. 4 LF 12" PVC SDR26 @ S=0.0035
5. "TBD"
6. 12 LF 6" PERF PIPE @ S=0.005
7. "TBD"
8. 27 LF 6" PERF PIPE @ S=0.005
9. 20 LF 6" PVC SDR26 @ S=0.016
10. "TBD"
11. 29 LF 6" PVC SDR26 FLAT, CONNECT 2 PLANTERS
12. 7 LF 12" PVC SDR26 @ S=0.0035
13. 22 LF 1.5" TYPE "K" COPPER TUBING WATER
14. 27 LF 6" DIP FIRE WATER
15. 34 LF 6" DIP FIRE WATER FROM THE MAIN TO THE RPDA WILL BE SLEEVED TO PREVENT ILLICIT CONNECTIONS
16. MINIMUM 1' CLEARANCE ABOVE STORM OR SEWER LINES
17. ALL NEW WATER SERVICE CONNECTIONS 3" AND LARGER SHALL BE CUT INTO THE MAIN. HOT TAPS WILL NOT BE ALLOWED.
18. 30 LF 6" PVC SS @ S=0.020
19. 100 LF 6" PVC SDR26 @ S=0.0035
20. 100 LF 12" PVC SDR26 @ S=0.0035
21. 23 LF 6" PERF PIPE @ S=0.005
22. 10 LF 12" PVC SDR26 @ S=0.0035
23. 8 LF 6" PVC SDR26 @ S=0.0035
24. CONNECT TO EXISTING SANITARY SEWER MAIN PER DISTRICT STD. DETAIL NO. 6, SHEET 10 CLASS 2 NON-RESIDENTIAL SEWER PERMIT REQUIRED
25. SANITARY SEWER SAMPLING MANHOLE (SSSMH) PER DISTRICT STD NO.14, SHEET 10
26. INSTALL WATER METER BOX ON 6" CONCRETE PAD. USE NICOR READ-RITE POLYMER METER BOX AND LID OR APPROVED EQUAL. THE LID SHOULD HAVE A RECESSED HOLE COMPATIBLE WITH SENSUS AMR/AMI ANTENNAS
27. EXISTING SS LATERAL TO BE DISCONNECTED. CLASS 4 SEWER PERMIT REQUIRED; COMPLY WITH DISTRICT STD. DETAIL NO.24, SHEET 10
28. EXISTING UTILITY POLE TO BE UNDERGROUNDED
29. EXISTING UTILITY POLE TO REMAIN




LEGEND

- LANDSCAPE
- BIORETENTION AREA
- SD MANHOLE/ SS MANHOLE PER CITY STD DR-1
- SD CO/ SS CO
- OVERFLOW STRUCTURE
- AD/ BUBBLER POP-UP

GRAPHIC SCALE

20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

PLAN # _____ OF _____
SHEET _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |

HANNA-BRUNETTI EST. 1970
CIVIL ENGINEERS • LAND SURVEYORS CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: T.M.

date: _____
Hanna – Brunetti

Amanda Joy Musy-Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER · AMANDA JOY MUSY-VERDEZ · NO. 69278 · CIVIL · STATE OF CALIFORNIA

REFERENCES

# Utility Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET C8.0 OF 12
JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

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| DMA # | TCM # | Location | Treatment Type | LID or Non-LID | Sizing Method | Drainage Area (s.f.) | Impervious Area (s.f.) | Pervious Area (Permeable Pavement) (s.f.) | Pervious Area (Other) (s.f.) | % Onsite Area Treated by LID or Non-LID TCM | Bioretention Area Required (s.f.) | Bioretention Area Provided (s.f.) | Overflow Riser Height (in) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Onsite | Flow-Through planter concrete lined* w/ underdrain | LID | 3. Flow-Volume Combo | 21,612 | 20,180 | 0 | 1,432 | 25.34% | 607 (see attached worksheet) | 780 | 6 |
| 2 | 2 | Onsite | Flow-Through planter concrete lined* w/ underdrain | LID | 2C. Flow: 4% Method ** | 8,435 | 6,030 | 0 | 2,405 | 9.89% | 241 | 300 | 6 |
| 3 | 3 | Onsite | Flow-Through planter concrete lined* w/ underdrain | LID | 2C. Flow: 4% Method ** | 1,977 | 1,649 | 0 | 328 | 2.32% | 66 | 80 | 6 |
| 4 | 4 | Onsite | Flow-Through planter concrete lined* w/ underdrain | LID | 3. Flow-Volume Combo | 21,541 | 18,588 | 0 | 2,953 | 25.26% | 567 (see attached worksheet) | 580 | 6 |
| 5 | 5 | Onsite | Flow-Through planter concrete lined* w/ underdrain | LID | 3. Flow-Volume Combo | 25,987 | 24,500 | 0 | 1,487 | 30.47% | 740 (see attached worksheet) | 770 | 6 |
| 6 | 6 | Onsite | Flow-Through planter concrete lined* w/ underdrain | LID | 1B. Volume | 5,733 | 3,926 | 0 | 1,807 | 6.72% | 123 (see attached worksheet) | 140 | 6 |
| | | | | | | | | | | | | | |
| 7 | 8 | Offsite | Maintenance | N/A | N/A | 12,050 | 11,114 | 0 | 936 | - | - | - | - |
| 8 | 9 | Offsite | Maintenance | N/A | N/A | 7,296 | 7,296 | 0 | 0 | - | - | - | - |
| | | | | | **Onsite Totals:** | 85,285 | 74,873 | 0 | 10,412 | 100.00% | | | |
| | | | | | **Offsite Totals:** | 19,346 | 18,410 | 0 | 936 | | | | |
| | | | | | **Totals:** | 104,631 | 93,283 | 0 | 11,348 | | | | |

Footnotes:
* "Lined" refers to an impermeable liner placed on the bottom of a Bioretention basin or a concrete Flow-Through Planter, such that no infiltration into native soil occurs.
** Sizing for Bioretention Area Required calculated using the 4% Method (Impervious Area x 0.04)

## OPERATION AND MAINTENANCE INFORMATION

I. PROPERTY INFORMATION:

I.A. PROPERTY ADDRESS:
300 MIDDLEFIELD RD, MENLO PARK, CA

I.B. PROPERTY OWNER:
MENLO PARK FIRE PROTECTION DISTRICT

II. RESPONSIBLE PARTY FOR MAINTENANCE:

II.A. CONTACT:
JONATHAN HITCHON

II.B. PHONE NUMBER OF CONTACT:
(650) 688-8400

II.C. EMAIL:
JONH@MENLOFIRE.ORG

II.D. ADDRESS:
170 MIDDLEFIELD RD
MENLO PARK, CA 94025

## PROJECT SITE INFORMATION

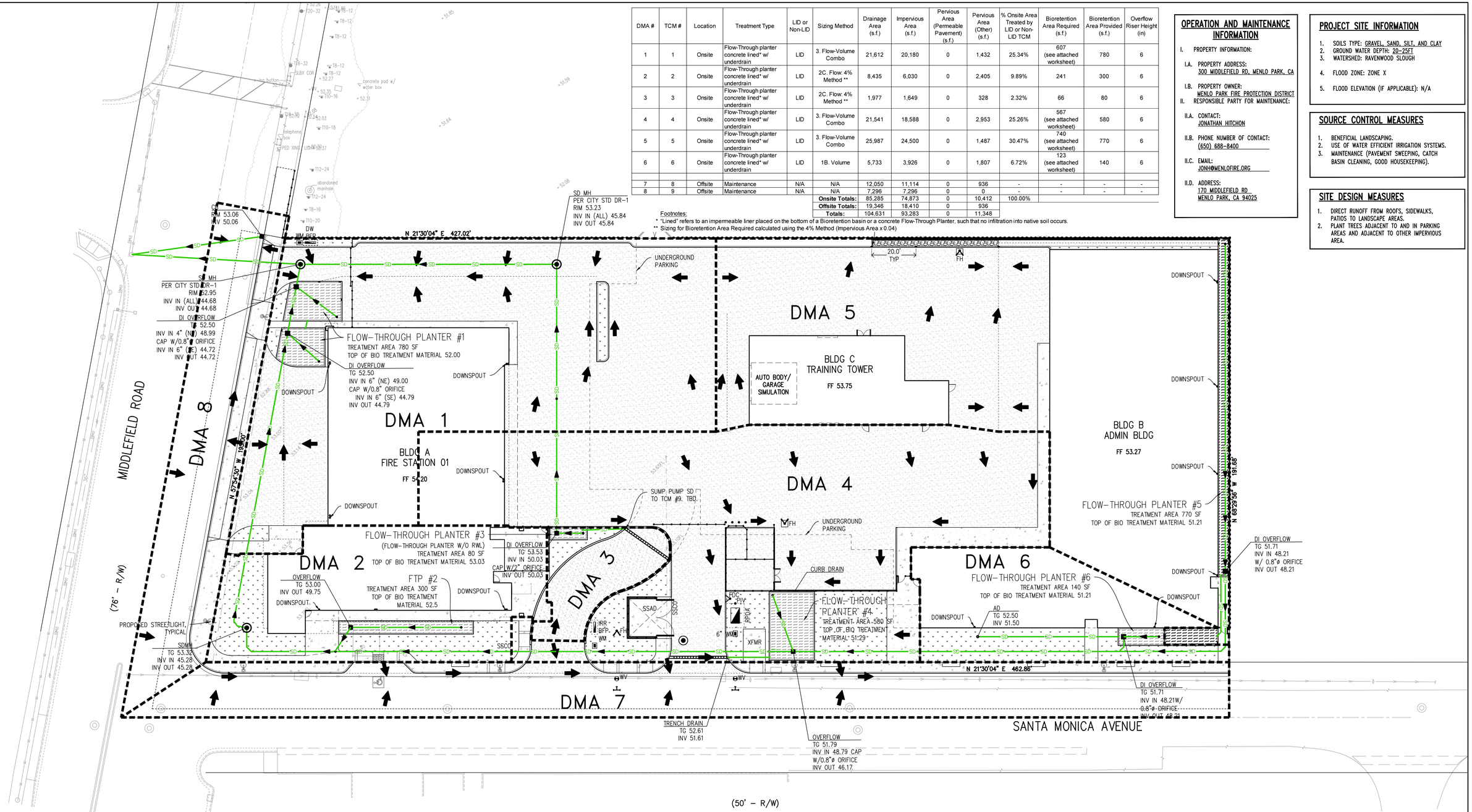
1. SOILS TYPE: GRAVEL, SAND, SILT, AND CLAY
2. GROUND WATER DEPTH: 20-25FT
3. WATERSHED: RAVENWOOD SLOUGH
4. FLOOD ZONE: ZONE X
5. FLOOD ELEVATION (IF APPLICABLE): N/A

## SOURCE CONTROL MEASURES

1. BENEFICIAL LANDSCAPING.
2. USE OF WATER EFFICIENT IRRIGATION SYSTEMS.
3. MAINTENANCE (PAVEMENT SWEEPING, CATCH BASIN CLEANING, GOOD HOUSEKEEPING).

## SITE DESIGN MEASURES

1. DIRECT RUNOFF FROM ROOFS, SIDEWALKS, PATIOS TO LANDSCAPE AREAS.
2. PLANT TREES ADJACENT TO AND IN PARKING AREAS AND ADJACENT TO OTHER IMPERVIOUS AREA.




GRAPHIC SCALE
20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

PLAN # ____ OF ____
SHEET ____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |

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OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: ____
DRAWN BY: TM

date: Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEZ
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Stormwater Control Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET C9.0
OF 13

JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

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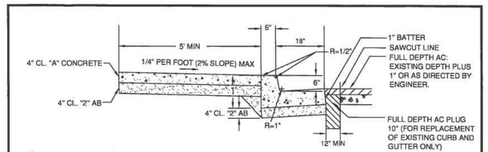
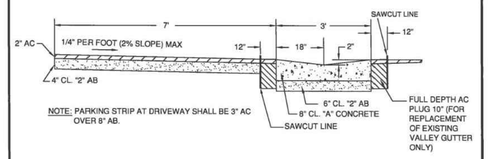
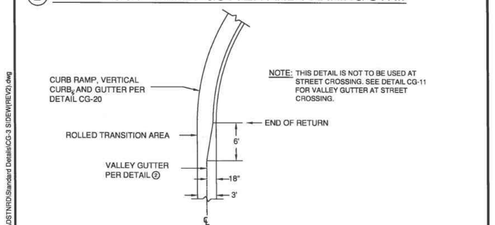



## 1 STANDARD VERTICAL CURB, GUTTER AND SIDEWALK




NOTE: PARKING STRIP AT DRIVEWAY SHALL BE 3" AC OVER 8" AB.

## 2 THREE FOOT VALLEY GUTTER AND PARKING STRIP




## 3 CORNER TRANSITION - VERTICAL CURB TO VALLEY GUTTER

K:\Engr\wv\ADSTNRD\Standard Details\CG-3 S1(SW)REV2).dwg

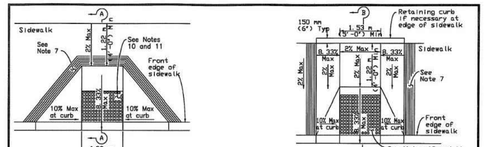
CITY OF MENLO PARK STANDARD DETAILS

| NO. | REVISIONS | DATE | APPROVED |
|---|---|---|---|
| | | | ENGINEERING SERVICES MANAGER, RCE. No.54388 |

CURB, GUTTER, AND SIDEWALK

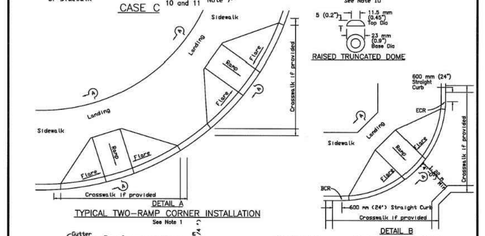
| DRAWN | CHECKED | DATE | SCALE | SHEET |
|---|---|---|---|---|
| WL | | 5/15/13 | NTS | 1OF1 |

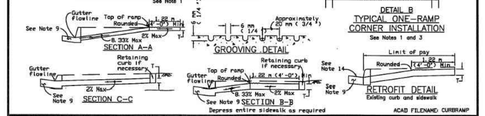
STD. DETAIL No.: CG-3










ACAD FILENAME: CURBRAMP

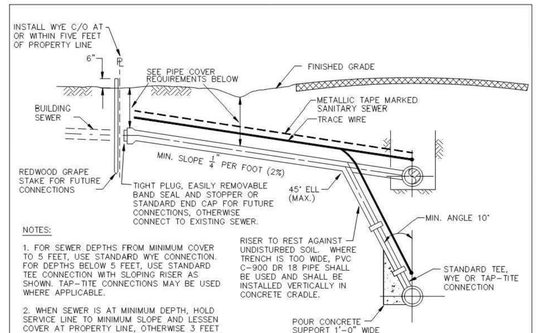
CITY OF MENLO PARK STANDARD DETAILS

| NO. | REVISIONS | DATE | APPROVED |
|---|---|---|---|
| | | | Director of Engineering Services R.C.E. No.45958 |

CURB RAMP DETAILS A thru C

| DRAWN | CHECKED | DATE | SCALE | SHEET |
|---|---|---|---|---|
| CALTRANS | | 4-15-05 | NTS | 1 OF 3 |

STD. DETAIL No.: CG-20




NOTES:

1. FOR SEWER DEPTHS FROM MINIMUM COVER TO 5 FEET, USE STANDARD WYE CONNECTION. FOR DEPTHS BELOW 5 FEET, USE STANDARD TEE CONNECTION WITH SLOPING RISER AS SHOWN. TAP-TITE CONNECTIONS MAY BE USED WHERE APPLICABLE.

2. WHEN SEWER IS AT MINIMUM DEPTH, HOLD SERVICE LINE TO MINIMUM SLOPE AND LESSEN COVER AT PROPERTY LINE, OTHERWISE 3 FEET OF COVER TO OFFICIAL GRADE IS REQUIRED AT PROPERTY LINE.

3. THE LOCATION OF ALL SEWER LATERALS SHALL BE MARKED WITH A LETTER "S" ON TOP OF CURB OR BACK OF WALK.

4. ALL SERVICE TEES OR WYES SHALL BE MANUFACTURER'S STANDARD FITTINGS. CONNECTION CLOSURE SHALL BE BY STANDARD BAND SEAL COUPLINGS WITH 316 STAINLESS STEEL SHEAR RING ON SERVICE ADDITIONS. NO PIPE BREAKING AND CONCRETE PATCHING WILL BE PERMITTED, ONLY NEATLY SNAPPED OR SAWCUT LENGTHS WILL BE ALLOWED.

5. 8 GAUGE COPPER WIRE OR COATED COPPER WIRE FOR TRACING PURPOSES SHALL BE PLACED ON ALL NEW LATERALS AND REPLACEMENT LATERALS WHEN EXCAVATION IS FROM MAIN LINE TO THE PROPERTY LINE CLEANOUT. WIRE TO BE BROUGHT TO RISER WITH TWO FEET COILED INSIDE BOX.

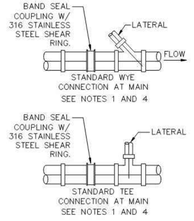
6. TAP-TITE AND TEE CONNECTIONS ARE NOT ALLOWED IN TERMINATING SEWER MAINS (MOST UPSTREAM LINE).

7. CONTRACTOR SHALL INSTALL BEDDING AND BACKFILL MATERIAL AS SHOWN ON WEST BAY SANITARY DISTRICT DETAIL NO. 8.

8. PIPE MATERIAL FOR LATERALS SHALL BE DIP CLASS 50 OR 51, OR PVC C900 DR18.

RISER TO REST AGAINST UNDISTURBED SOIL. WHERE TRENCH IS TOO WIDE, PVC C-900 DR 18 PIPE SHALL BE USED AND SHALL BE INSTALLED VERTICALLY IN CONCRETE CRADLE.

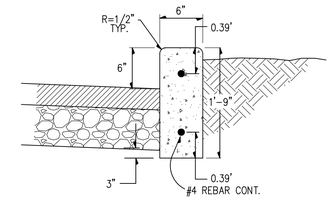
DEEP SEWER - GREATER THAN 10'



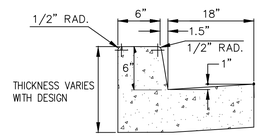

**WEST BAY**
SANITARY DISTRICT

SANITARY SEWER
LATERAL CONNECTIONS

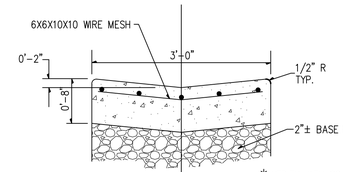
| APPROVED BY: | | |
|---|---|---|
| /S/ - SERGIO RAMIREZ | 06-28-23 | 6 |
| GENERAL MANAGER | DATE: | |




## 1. 6" HIGH CONCRETE VERTICAL CURB
NO SCALE

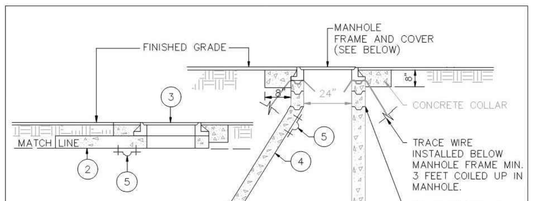



## 2. CURB & VALLEY GUTTER
NO SCALE




## 3. VALLEY GUTTER
NO SCALE

* VERIFY WITH SOILS REPORT




NOTE:

1) FLEXIBLE PIPE ONLY - AN APPROVED WATER STOP SHALL BE INSTALLED ON ALL FLEXIBLE PIPE ENTERING OR EXITING SAMPLING MANHOLE.

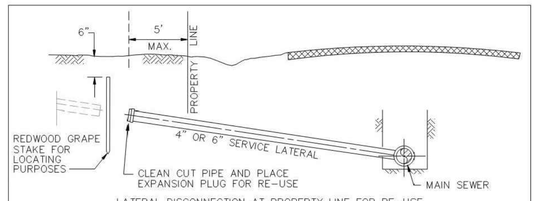
2) ECCENTRIC CONE SHALL BE POSITIONED IN SUCH A MANNER OVER CENTER OF PIPE FOR INSTALLATION OF FLOW METER SENSOR BRACKET.

1. STANDARD 48" DIAMETER PRECAST MANHOLE SECTION WITHOUT STEPS. HEIGHT AS REQUIRED. SECTIONS SHALL CONFORM TO ASTM C 478
2. PRECAST MANHOLE CAP DESIGNED FOR H-20 FVT LOADING.
3. D&L FOUNDRY STD. A-1024 MANHOLE RING AND COVER OR APPROVED EQUAL WITHIN 5' OF PROPERTY LINE.
4. ECCENTRIC CONE SECTION. MANHOLE OPENING TO BE PLACED OVER CHANNEL
5. WROUGHT STEEL STRAP WITH 3/8" CINCH ANCHORS-GRINNELL FIG. 262 FOR 2" PIPE

**WEST BAY**
SANITARY DISTRICT

SAMPLING MANHOLE

| APPROVED BY: | | |
|---|---|---|
| /S/ - SERGIO RAMIREZ | 06-28-23 | 14 |
| GENERAL MANAGER | DATE: | |




NOTES:

1) THE CONTRACTOR SHALL EXCAVATE BY HAND EXPOSING THE WYE/TEE AT THE MAIN SEWER LINE FOR INSPECTION BY A WEST BAY REPRESENTATIVE. IF THE MAIN AND WYE/TEE ARE DEEMED IN GOOD CONDITION, PLUG WYE/TEE AS SHOWN IN DETAIL 1. IF THE MAIN IS IN GOOD CONDITION AND THE WYE/TEE IS IN POOR CONDITION, REMOVE TEE AND SECTION OF PIPE AS SHOWN IN DETAIL 2. IF BOTH MAIN AND WYE/TEE ARE IN POOR CONDITION, NOTIFY WBSD.

2) REPLACEMENT PIPE SHALL MATCH EXISTING SEWER MAIN PIPE. COUPLING SHALL BE SMITH-BLAIR 226 FULL CIRCLE STAINLESS STEEL CLAMP OR EQUAL FOR MAIN DIAMETER LESS THAN 15" AND ROCKWELL 228 FULL CIRCLE CLAMP OR EQUAL FOR MAIN 15" OR GREATER.

3) IF SEWER MAIN IS CONCRETE ENCASED OR CRADLED, ANY PORTION REMOVED BY CONTRACTOR SHALL BE REPLACED ENTIRELY TO THE SATISFACTION OF THE DISTRICT'S FIELD REPRESENTATIVE.

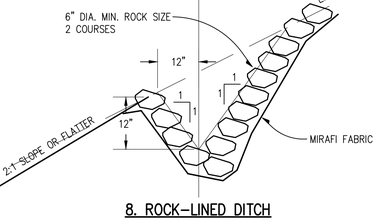
4) CONTRACTOR SHALL SUPPLY ADDRESS OF ABANDONED LATERAL AND DISTANCE AS MEASURED FROM THE DOWNSTREAM MANHOLE.

5) IT IS THE CONTRACTORS RESPONSIBILITY TO CONFIRM THAT NO OTHER PROPERTIES ARE CONNECTED TO THE LATERAL PRIOR TO DISCONNECTION.

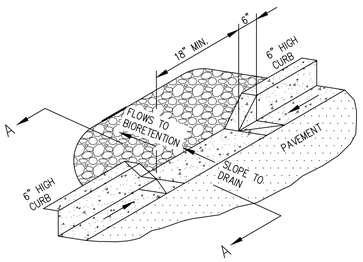
**WEST BAY**
SANITARY DISTRICT

SANITARY SEWER
LATERAL DISCONNECTIONS

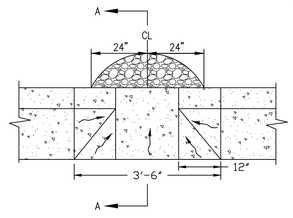
| APPROVED BY: | | |
|---|---|---|
| /S/ - SERGIO RAMIREZ | 06-28-23 | 24 |
| GENERAL MANAGER | DATE: | |



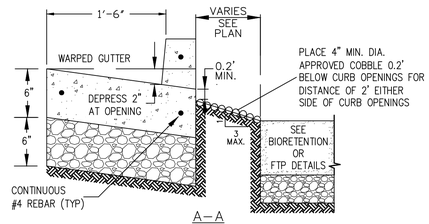

## 8. ROCK-LINED DITCH
ON SLOPES 20 PERCENT OR GREATER
NO SCALE




SECTION VIEW




PLAN VIEW




A-A

## 6. CURB OPENING
NO SCALE

| REVISIONS: | | |
|---|---|---|
| DATE | DESCRIPTION | BY: |
| | | |

HANNA-BRUNETTI
EST. 1970
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: NONE
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY:
DRAWN BY: TM

date:
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEZ
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Construction Details

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C10.0
OF 13

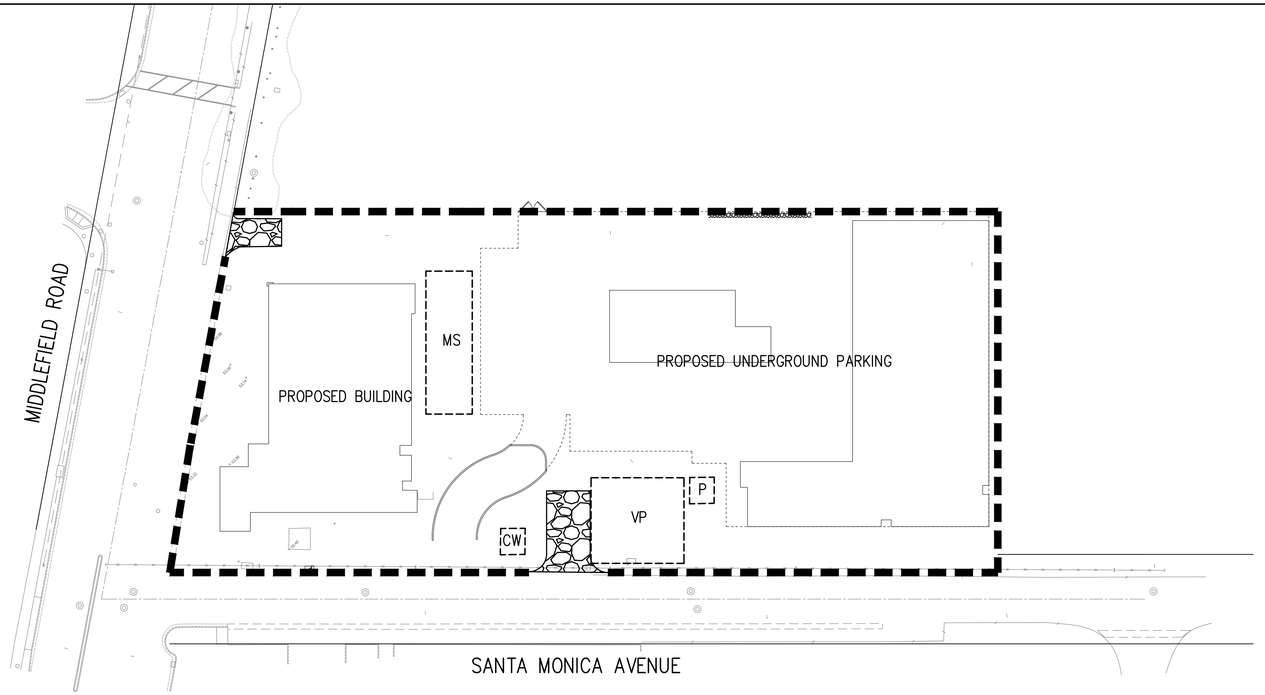
JOB NO.
23062

PLAN # _____ OF _____
SHEET _____

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD

JOB NO. 23062

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR PART, IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS IN THE ENGINEER WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.




GRAPHIC SCALE

40 0 20 40 80 160

( IN FEET )
1 inch = 40 ft.

GENERAL NOTES

- CONSTRUCTION, OPERATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS, INCLUDE INSPECTION FREQUENCY;
- METHODS AND SCHEDULE FOR GRADING, EXCAVATION, FILLING, CLEARING OF VEGETATION, AND STORAGE AND DISPOSAL OF EXCAVATED OR CLEARED MATERIAL;
- SPECIFICATIONS FOR VEGETATIVE COVER & MULCH, INCLUDE METHODS AND SCHEDULES FOR PLANTING AND FERTILIZATION;
- PROVISIONS FOR TEMPORARY AND/OR PERMANENT IRRIGATION.

EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE RAINY SEASON; OCTOBER 15 THROUGH APRIL 15.
2. NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN INTO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM SYSTEM UNTIL SUITABLE EROSION CONTROL MEASURES ARE FULLY IMPLEMENTED. NO STORM WATER RUNOFF SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM THAT IS NOT CLEAR, AND FREE OF SILTS.
3. A FIBER ROLL BARRIER PER "DETAIL SE-5" SHALL BE INSTALL ALONG THE PERIMETER OF THE PROJECT SITE. THE LOCATION OF THE FIBER ROLL ALONG THE PERIMETER SHALL BE ADJUSTED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. A FIBER ROLL SHALL ALSO BE REQUIRED AROUND THE PERIMETER OF ANY STOCKPILE OR OTHER SITE OF BARE, LOOSE EARTH.
4. ALL STORM DRAIN MANHOLES, CATCH BASINS, AND/OR DROP INLETS THAT ARE TO ACCEPT STORM WATER SHALL HAVE INLET PROTECTION MEASURES PER DETAIL SE-10. STORM WATER RUNOFF SHALL BE DIRECTED TO THESE INLETS ONLY. STORM DRAIN CATCH BASINS THAT ARE NOT COMPLETE, SHALL BE BLOCKED OFF COMPLETELY.
5. THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN SHALL BE PROVIDED TO THE CITY.
6. PRIOR TO GRADING, AN ENTRANCE SHALL BE CONSTRUCTED, CONSISTING OF A MINIMUM OF 50 LF OF DRAIN ROCK, 3" IN DIAMETER, PLACED OVER MIRAFI 500X (OR EQUAL) PER DETAIL TC-1. THE ENTRANCE SHALL CONFORM TO "CONSTRUCTION ENTRANCE DETAIL TC-1". THERE SHALL BE ONLY ONE ENTRANCE/EXIT POINT TO THE SITE DURING THE RAINY SEASON. THE LOCATION SHALL BE AS SHOWN ON THESE PLANS, OR AT A LOCATION APPROVED BY THE CITY.
7. ALL AREAS OF BARE, TURNED OR DISTURBED EARTH SHALL BE STABILIZED BY USE OF HYDROSEED PER THE TABLE BELOW. ALL STOCKPILES, AND/OR BORROW AREAS SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES SUCH AS A PERIMETER SILT FENCE, AND OTHER METHODS TO PREVENT ANY EROSION OR SILTS MIGRATION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE CITY INSPECTOR. THE STORM DRAIN SYSTEM SHALL MAINTAIN A FORM OF DRAIN INLET PROTECTION UNTIL COUNTY ACCEPTS THE FINAL STREET IMPROVEMENTS. THE DRAIN INLET PROTECTION SHALL BE MAINTAINED, EFFECTIVE AND SUBJECT TO CITY INSPECTOR'S APPROVAL.
8. ALL PAVED STREET, AND AREAS ADJACENT TO THE SITE SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO ELIMINATE SEDIMENT LADEN RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH DAY DURING THE RAINY SEASON. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY END OF THE DAY. TRAPPED SEDIMENT IN "SD INLETS" (AND OTHER EROSION CONTROL MEASURES) SHALL BE REMOVED TO MAINTAIN TRAP EFFIENCY. REMOVED SEDIMENT SHALL BE DISPOSED BY SPREADING ON SITE, WHERE IT WILL NOT MIGRATE.
10. IT IS THE RESPOSIBILITY OF THE CONTRACTOR TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPOSIBILE FOR ANY DAMAGE RESULTING FROM A FAILURE TO DO SO.
11. ALL DRAIN SWALES SHALL BE PER DETAIL EC-9.
12. INCOMPLETE GRADING SHALL NOT BE ALLOWED. CONTRATOR SHALL MAINATIN A DRAIN PATH AS SHOWN ON THIS PLAN. SAID DRAIN PATH SHALL BE MAINTAINED LINED DRAIN SWALES, AND INLET PROTECTION AT A MINIMUM. IF PONDING DOES OCCUR ON THE SITE AFTER GRADING, THE WATER MUST BE FREE AND CLEAR OF SEDIMENT PRIOR TO DISCHARGE TO THE STORM DRAIN SYSTEM. THIS REQUIREMENT MAY NECESSITATE THE USE OF NATURAL AND/OR MECHANICAL DESILTING METHODS, SUBJECT TO APPROVAL BY THE CITY INSPECTOR.
13. F THESE EROSION CONTROL MEASURE PROVE INADEQUATE, STRAW MULCH, TACKIFIER, AND ADDITIONAL HYDROSEEDING MAY BE REQUIRED.

HYDROSEED TABLE

| ITEM | LBS/ACRE |
|---|---|
| COMMON BARLEY | 45 |
| ANNUAL RYEGRASS | 45 |
| CRIMSON CLOVER | 10 |
| FERTILIZER 7-2-3 | 400 |
| FIBER MULCH | 2000 |
| TACKIFIER | 100 |

14. ALL GRADING WORK BETWEEN OCTOBER 15th AND APRIL 15th IS AT THE DISCRETION OF THE CITY BUILDING OFFICIAL.
15. PROVIDE SHRUBS AND/OR TREES REQUIRED ON SLOPES GREATER THAN 15 FEET IN VERTICAL HEIGHT.
16. THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL WITHIN THE SAN MATEO COUNTY MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SAN MATEO COUNTY MAINTAINED ROAD RIGHT OF WAY BEST MANAGEMENT PRACTICES (BMP'S) TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING PRACTICES APPLICABLE TO THE PUBLIC ROAD AND EXPRESSWAY FACILITIES:
    A) REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN/STAGING AREAS.
    B) PREVENTION OF TRACKING OF MUD, DIRT AND CONSTRUCTION MATERIALS ONTO PUBLIC ROAD RIGHT OF WAY.
    C) PREVENTION OF DISCHARGE OF WATER RUNOFF DURING DRY AND WET WEATHER CONDITIONS ONTO PUBLIC ROAD RIGHT OF WAY
17. THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE CITY MAINTAINED ROAD RIGHT OF WAY SHALL HAVE SEASONALLY APPROPRIATE BMP'S INSTALLED AND MAINTAINED AT ALL TIMES.

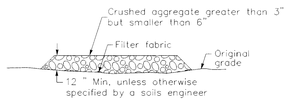
LEGEND

- CONSTRUCTION ENTRANCE PER DETAIL TC-1
- FIBER ROLL BARRIER PER DETAIL SE-5
- STORM DRAIN INLET PROTECTION PER DETAIL SE-10
- P — PORT-O-LET WITH SECONDARY CONTAINMENT
- MS — MATERIAL STORAGE AND LAYDOWN AREA
- VP — CONSTRUCTION TRAILER AND VEHICLE PARKING AREA
- CW — CONCRETE WASHOUT AREA

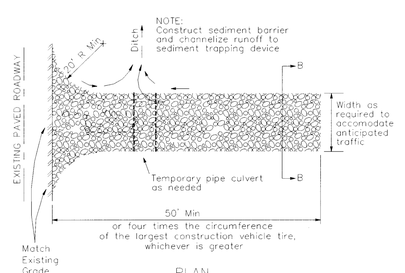
PRELIMINARY PLANS
NOT FOR CONSTRUCTION

APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

**Stabilized Construction Entrance/Exit TC-1**

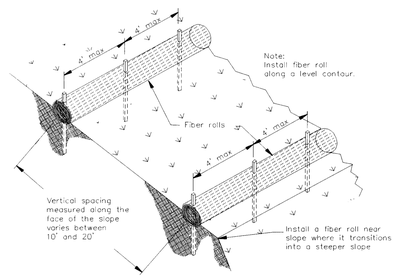



SECTION B-B
NTS

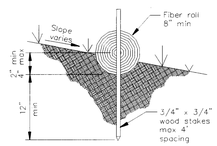



PLAN
NTS

**SE-5 Fiber Rolls**

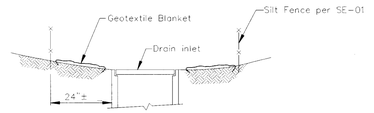



TYPICAL FIBER ROLL INSTALLATION
N.T.S.

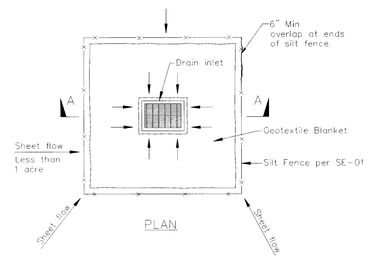



ENTRENCHMENT DETAIL
N.T.S.

**SE-10 Storm Drain Inlet Protection**




SECTION A-A




PLAN

DI PROTECTION TYPE 1
NOT TO SCALE

NOTES:
1. For use in areas where grading has been completed and final soil stabilization and seeding are pending.
2. Not applicable in paved areas.
3. Not applicable with concentrated flows.

PLAN # _____ OF _____
SHEET _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |

HANNA-BRUNETTI
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CONSTRUCTION MANAGERS
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OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=40'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: TM

date: _____
Hanna – Brunetti

Amanda Joy Musy-Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER
AMANDA JOY MUSY-VERDEL
NO. 69278
CIVIL
STATE OF CALIFORNIA

REFERENCES

# Erosion Control Plan

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

SAN MATEO COUNTY
CALIFORNIA

SHEET
C11.0
OF 12
JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

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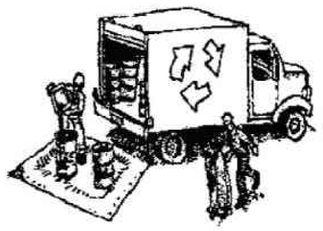
SAN MATEO COUNTYWIDE
**Water Pollution Prevention Program**
Clean Water. Healthy Community.

# Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

## Materials & Waste Management



**Non-Hazardous Materials**

- ❑ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ❑ Use (but don't overuse) reclaimed water for dust control.

**Hazardous Materials**

- ❑ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ❑ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ❑ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ❑ Arrange for appropriate disposal of all hazardous wastes.

**Waste Management**

- ❑ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ❑ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ❑ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ❑ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ❑ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

**Construction Entrances and Perimeter**

- ❑ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ❑ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

## Equipment Management & Spill Control

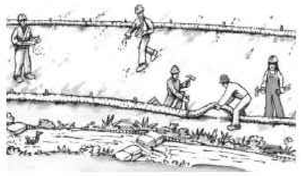
**Maintenance and Parking**

- ❑ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ❑ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ❑ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ❑ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ❑ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

**Spill Prevention and Control**

- ❑ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ❑ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ❑ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ❑ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ❑ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ❑ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ❑ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

## Earthmoving



- ❑ Schedule grading and excavation work during dry weather.
- ❑ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ❑ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ❑ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ❑ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

**Contaminated Soils**

- ❑ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells
  - Buried barrels, debris, or trash.

## Paving/Asphalt Work

- ❑ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ❑ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ❑ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ❑ Do not use water to wash down fresh asphalt concrete pavement.

**Sawcutting & Asphalt/Concrete Removal**

- ❑ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ❑ Shovel, abosorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ❑ If sawcut slurry enters a catch basin, clean it up immediately.

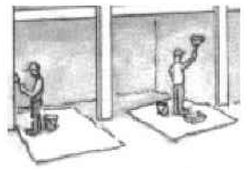
## Concrete, Grout & Mortar Application

- ❑ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ❑ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ❑ When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

## Landscaping

- ❑ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ❑ Stack bagged material on pallets and under cover.
- ❑ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

## Painting & Paint Removal



**Painting Cleanup and Removal**

- ❑ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ❑ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ❑ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ❑ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ❑ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

## Dewatering

- ❑ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ❑ Divert run-on water from offsite away from all disturbed areas.
- ❑ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ❑ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

**Storm drain polluters may be liable for fines of up to $10,000 per day!**

PLAN # _____ OF _____
SHEET _____

REVISIONS:

| DATE | DESCRIPTION | BY: |
|---|---|---|
| | | |

HANNA-BRUNETTI EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE: JULY 2024
HORIZ. SCALE: 1"=20'
VERT. SCALE: NONE
DESIGNED BY: AM
CHECKED BY: _____
DRAWN BY: T.M.

date: _____
Hanna – Brunetti

Amanda Joy Musy–Verdel
R.C.E. # 69278

REGISTERED PROFESSIONAL ENGINEER · AMANDA JOY MUSY-VERDEZ · NO. 69278 · CIVIL · STATE OF CALIFORNIA

REFERENCES

Construction Best Management Practice (BMPs)

Menlo Park Fire Station No.1 & Training Tower - apn 062-460-100

MENLO PARK
JULY 2024

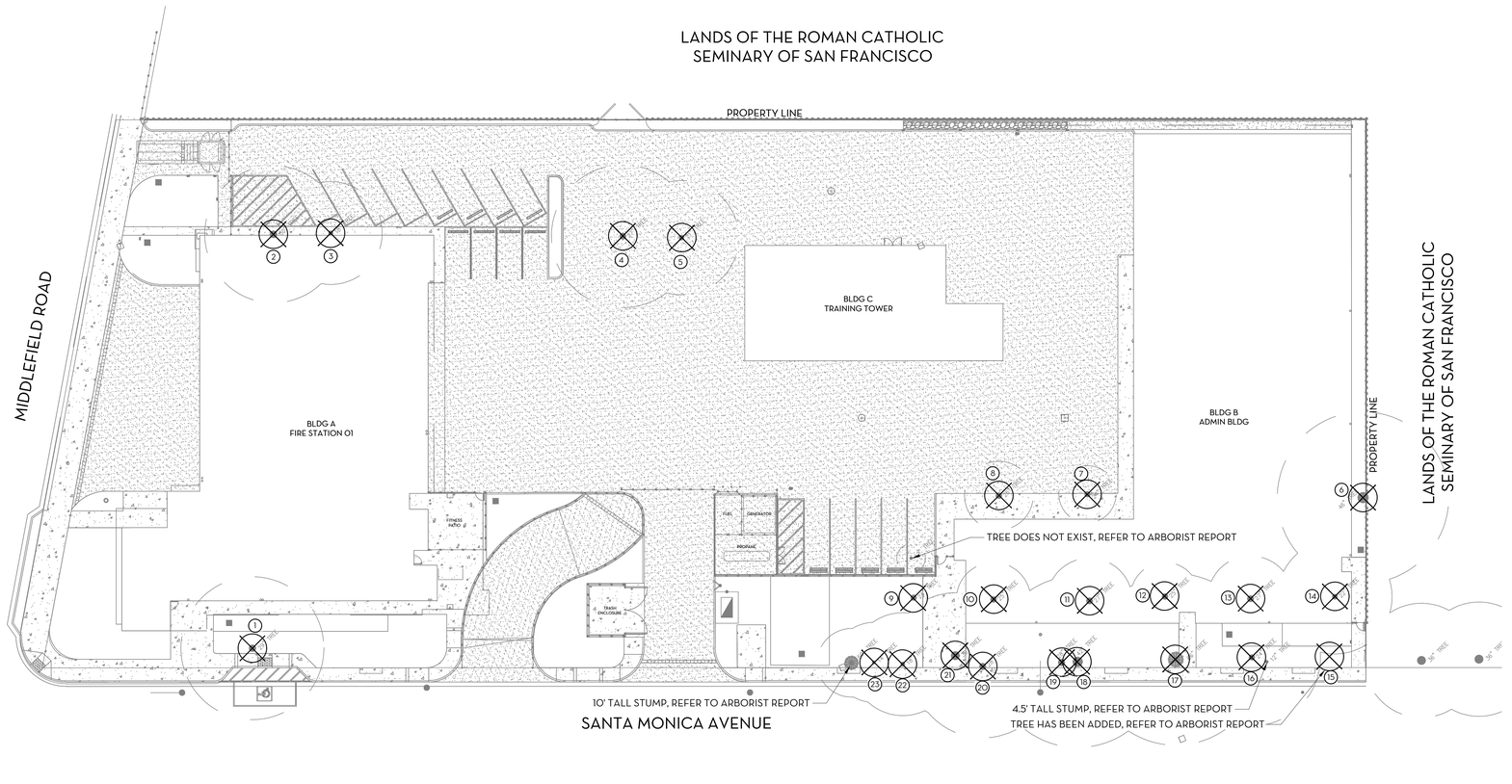
SAN MATEO COUNTY
CALIFORNIA

SHEET C12.0
OF 12
JOB NO. 23062

APPLICANT: MENLO PARK FIRE PROTECTION DISTRICT ROAD: MIDDLEFIELD ROAD JOB NO. 23062

SITE PLAN
A1:1
FOR BLUEBEAM LABELING/DOOR:

0"
1"



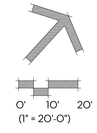

⊗ (E) TREE TO BE REMOVED, TYP. REFER TO MENLO PARK FIRE STATION NO. 1 ARBORIST REPORT DATED APRIL 19, 2024 FOR MORE INFORMATION ON TREE SPECIES AND SIZE.

HERITAGE TREES PRESERVED AROUND THE PROPERTY MUST INCLUDE TREE PROTECTION AND PROJECT ARBORIST TREE PROTECTION MONITORING INSPECTIONS DURING ACTIVE DEMOLITION AND CONSTRUCTION .

## TREE REMOVAL LEGEND

| TREE # | NAME | DISPOSITION RETAIN | DISPOSITION RMV | DIAM (in.) |
|---|---|---|---|---|
| 1 | Saucer magnolia | - | X | 30 |
| 2 | American sweetgum | - | X | 27 |
| 3 | American sweetgum | - | X | 20 |
| 4 | American sweetgum | - | X | 25 |
| 5 | American sweetgum | - | X | 19 |
| 6 | N. CA black walnut | - | X | 49 |
| 7 | Littleleaf linden | - | X | 21 |
| 8 | Littleleaf linden | - | X | 25 |
| 9 | Olive tree | - | X | 22 |
| 10 | Olive tree | - | X | 19 |
| 11 | Olive tree | - | X | 19 |
| 12 | Olive tree | - | X | 25 |
| 13 | Olive tree | - | X | 23 |

| TREE # | NAME | DISPOSITION RETAIN | DISPOSITION RMV | DIAM (in.) |
|---|---|---|---|---|
| 14 | Olive tree | - | X | 22 |
| 16 | Coast live oak | - | X | 25 |
| 17 | Monterey cypress | - | X | 48 |
| 18 | Monterey cypress | - | X | 29 |
| 19 | Monterey cypress | - | X | 25 |
| 20 | Coast live oak | - | X | 25 |
| 21 | Coast live oak | - | X | 29 |
| 22 | Monterey cypress | - | X | 20 |

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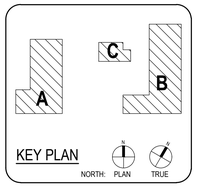
2020 I Street, Suite 220
Sacramento, CA 95811
916.524.5614 | www.wdsla.com

**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/13/2025 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

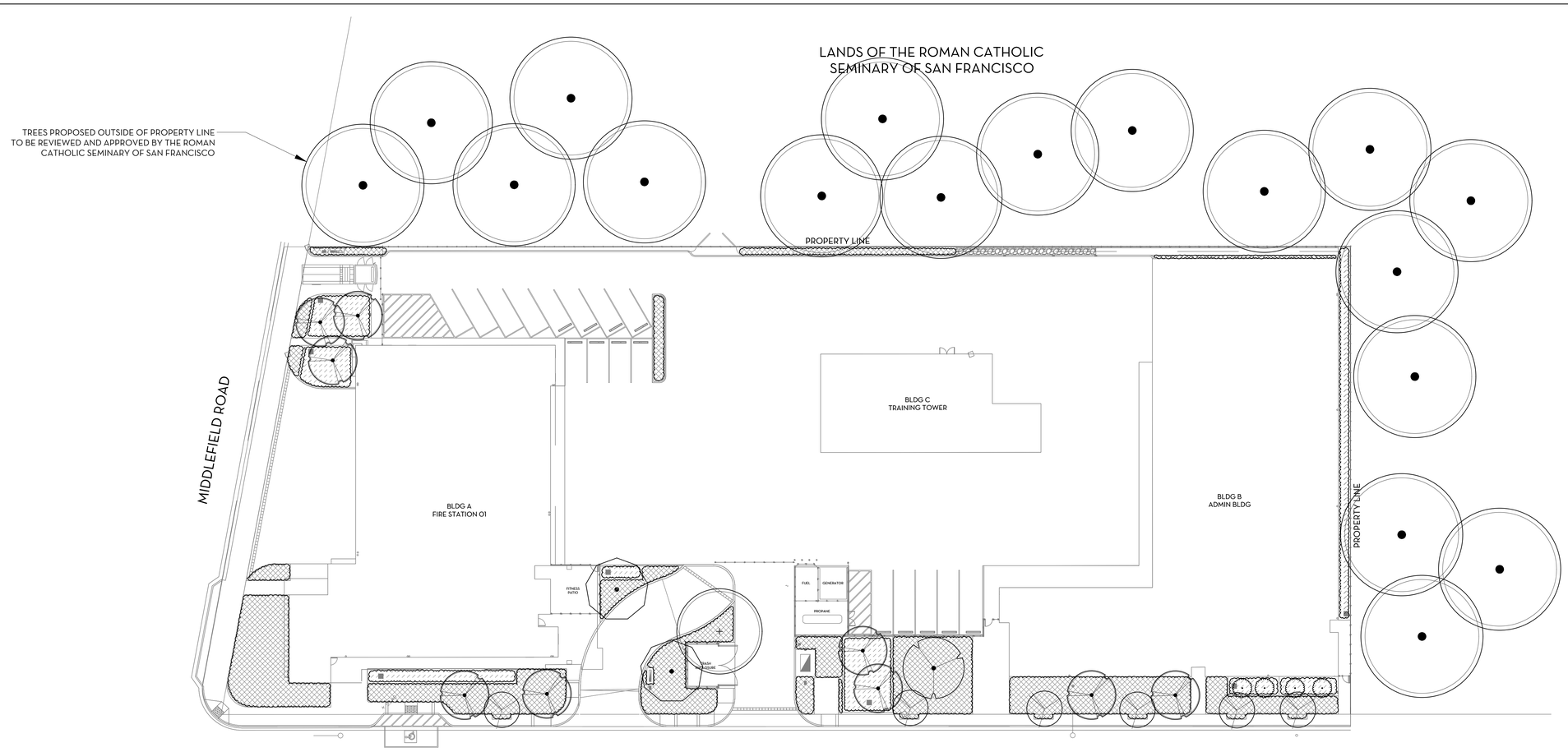
BUILDING NUMBER

**TREE REMOVAL PLAN**

**L1.0**

SITE PLAN
A1.1
FOR BLUEBEAM LABELING/DOOR:

0"
1"




## PRELIMINARY TREE MITIGATION CALCULATIONS

*David L. Babby, Registered Consulting Arborist®* — *April 19, 2024*

Pursuant to Section 13.24.090(b)[3] of the Menlo Park Municipal Code, replacements to mitigate the removal of heritage trees shall be of a size and amount equal to or in excess of the trees' appraised values, equating to $123,800 For reference, the City's *Heritage Tree Ordinance Administrative Guidelines* establishes the following replacement values to determine the amount and size of new trees to mitigate heritage tree removal: 5-gallon container = $100; 15-gallon container = $200; 24-inch box = $400; 36-inch box = $1,200; 48-inch box = $5,000; and 60-inch box = $7,000.

PROJECT NAME: MENLO PARK FIRE STATION NO.1
PRELIMINARY TREE MITIGATION CALCULATIONS

| TREE SIZE | TREE QUANTITY | APPRAISAL VALUE | TOTAL VALUE |
|---|---|---|---|
| 60" BOX | 18 | $ 7,000.00 | $ 126,000.00 |
| 48" BOX | 0 | $ 5,000.00 | $ - |
| 36" BOX | 0 | $ 1,200.00 | $ - |
| 24" BOX | 0 | $ 400.00 | $ - |
| 15 GAL. CONTAINER | 0 | $ 200.00 | $ - |
| 5 GAL. CONTAINER | 0 | $ 100.00 | $ - |
| TOTAL APPRAISAL VALUE OF PROPOSED TREES: | | | $ 126,000.00 |

## WATER EFFICIENT LANDSCAPE ORDINANCE COMPLIANCE

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER EFFICIENT LANDSCAPING ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

KEITH P. WILSON, ASLA, CRLA 4728

## PLANT SCHEDULE

| SYMBOL | BOTANICAL NAME | COMMON NAME | SIZE | WATER USE | PLANT SIZE | QTY |
|---|---|---|---|---|---|---|
| BIORETENTION TREES | | | | | | |
| | PODOCARPUS MACROPHYLLUS | YEW PODOCARPUS | 15 GAL. | MODERATE | 18` X8` | 4 |
| LARGE ON-SITE TREES | | | | | | |
| | MAGNOLIA X SOULANGEANA 'ALEXANDRINA' | ALEXANDRINA SAUCER MAGNOLIA | 36" BOX | MODERATE | 25` X25` | 1 |
| | PISTACIA CHINENSIS 'KEITH DAVEY' | FRUITLESS CHINESE PISTACHE | 24" BOX | LOW | 35` X35` | 1 |
| OFF-SITE TREES | | | | | | |
| | QUERCUS AGRIFOLIA | COAST LIVE OAK | 60" BOX | LOW | 60` X50` | 18 |
| SMALL ON-SITE TREES | | | | | | |
| | ACER BUERGERIANUM | TRIDENT MAPLE | 15 GAL. | MODERATE | 25` X20` | 9 |
| | AESCULUS CALIFORNICA | CALIFORNIA BUCKEYE | 15 GAL. | VERY LOW | 20` X25` | 2 |
| | CERCIS OCCIDENTALIS | WESTERN REDBUD MULTI-TRUNK | 15 GAL. | VERY LOW | 15` X15` | 6 |

## PLANT SCHEDULE

| | | |
|---|---|---|
| BIORETENTION | | |
| | CHONDROPETALUM TECTORUM / CAPE RUSH | 5 GAL., LOW, 3` X 4` |
| | JUNCUS PATENS / CALIFORNIA GRAY RUSH | 5 GAL., LOW, 2` X 2` |
| SHRUBS | | |
| | CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' / KARL FOERSTER FEATHER REED GRASS | 1 GAL., LOW, 4` X2.5` |
| | DIANELLA REVOLUTA 'LITTLE REV' / LITTLE REV FLAX LILY | 1 GAL., LOW, 2.5` X2` |
| | LOMANDRA LONGIFOLIA 'PLATINUM BEAUTY' / PLATINUM BEAUTY VARIEGATED MAT RUSH | 1 GAL., LOW, 2.5` X3` |
| | PENSTEMON HETEROPHYLLUS 'MARGARITA BOP' / MARGARITA BOP PENSTEMON | 1 GAL., LOW, 2` X 2` |
| | WESTRINGIA FRUTICOSA 'MORNING LIGHT' / MORNING LIGHT COAST ROSEMARY | 5 GAL., LOW, 3` X3` |

0' 10' 20'
(1" = 20'-0")

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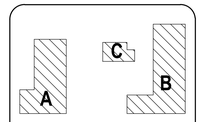
# MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/13/2025 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

## PLANTING PLAN

L1.1

FOR BLUEBEAM LABELING/DOOR:

0"

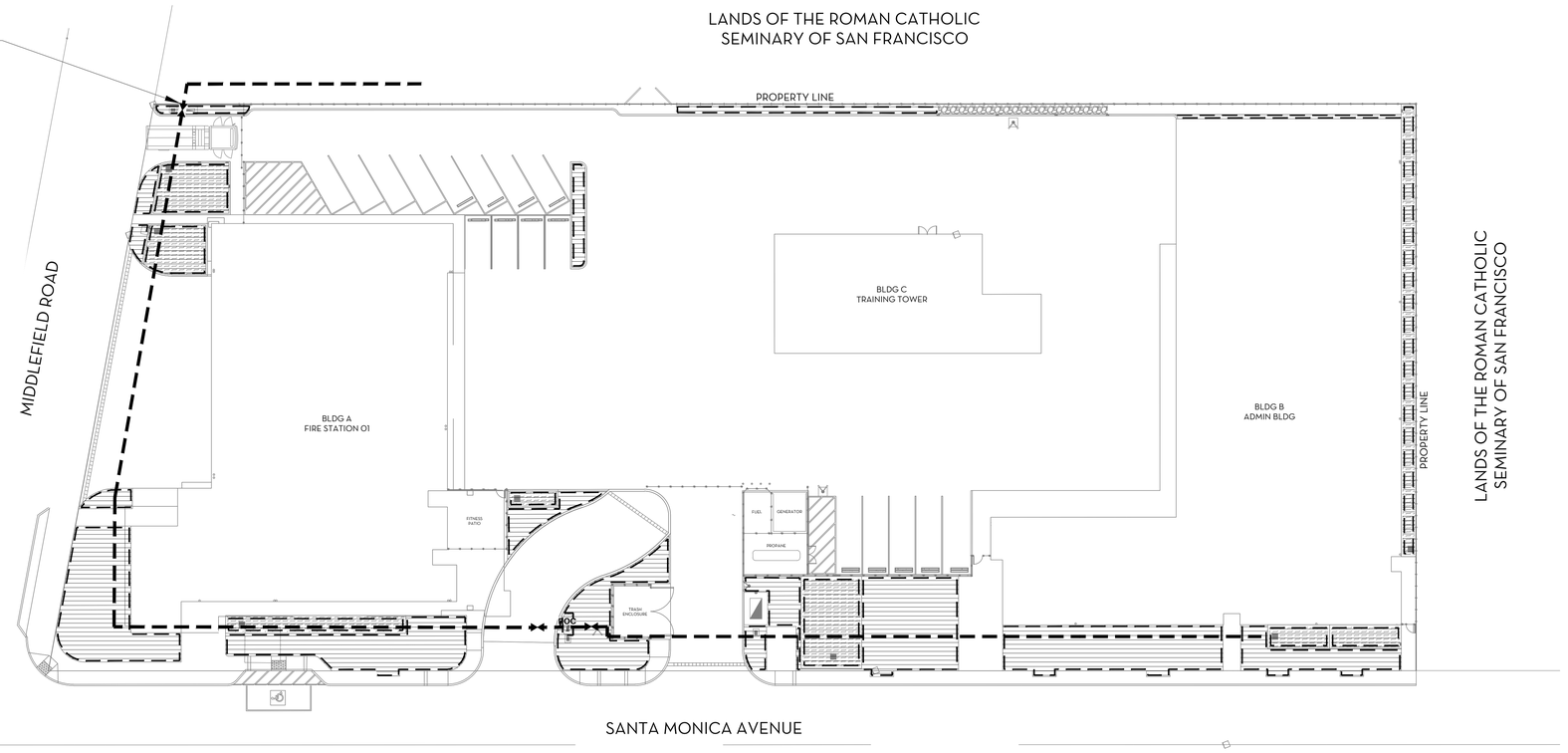
1"

IRRIGATION SHUT OFF VALVE AT PROPERTY LINE TO LANDS OF THE ROMAN CATHOLIC SEMINARY OF SAN FRANCISCO

PROPOSED ON-SITE IRRIGATION: 10,595 SQ FT

PROPOSED OFF-SITE IRRIGATION (LANDS OF THE ROMAN CATHOLIC SEMINARY OF SAN FRANCISCO TREE PLANTING): 504 SQ FT

IRRIGATION WITHIN PUBLIC RIGHT OF WAY IN NEW PLANTER STRIP ALONG MIDDLEFIELD ROAD SHALL COMPLY WITH CITY STANDARDS DETAILS LS-1 THROUGH LS-19 AND SHALL BE CONNECTED TO THE ON-SITE WATER SYSTEM.




MENLO PARK FIRE STATION NO. 1, 300 MIDDLE FIELD ROAD, MELO PARK, CA 94025
WATER EFFICIENT LANDSCAPE WORKSHEET
(APN 062-460-100)

| REGULAR LANDSCAPE AREAS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| VALVE NUMBER | IRRIGATION METHOD | PLANT WATER USE | PLANT FACTOR (PF) | IRRIGATION EFFICIENCY (IE) | LANDSCAPE AREA (SF) | ETAF (PF/IE) | ETAF x AREA | ETWU |
| A1 | DRIP | LOW | 0.2 | 0.81 | 9,811 | 0 | 2,422 | 65,034 |
| A2 | TREE BUBBLER | MODERATE | 0.5 | 0.81 | 784 | 1 | 484 | 12,992 |
| A3 | TREE BUBBLER | LOW | 0.2 | 0.81 | 504 | 0 | 124 | 3,341 |
| TOTALS: | | | | (A) | 11,099 | (B) | 3,031 | 81,367 |

| SPECIAL LANDSCAPE AREAS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| VALVE NUMBER | IRRIGATION METHOD | PLANT WATER USE | PLANT FACTOR (PF) | IRRIGATION EFFICIENCY (IE) | LANDSCAPE AREA (SF) | ETAF (PF/IE) | ETAF x AREA | ETWU |
| N/A | N/A | N/A | 0 | 0.00 | 0 | 1 | 0 | 0 |
| TOTALS: | | | | (C) | 0 | (D) | 0 | 0 |

| | |
|---|---|
| TOTAL AREA: | 11,099 |

| | |
|---|---|
| ETO: | 43.30 |
| ETAF: | 0.45 |

| | |
|---|---|
| ETWU = (ETO x 0.62 x ETAF x AREA) | |
| MAWA = (ETO x 0.62 [(ETAF x LA) + (1- ETAF) x SLA)] | |

| | |
|---|---|
| ETWU TOTAL: | 81,367 |
| MAWA TOTAL: | 134,084 |

ETWU < MAWA

*ETAF IS 0.55 FOR RESIDENTIAL APPLICATIONS AND 0.45 FOR COMMERCIAL APPLICATIONS.
*TREE AREA IS CALCULATED BY THE AREA COVERED BY ROOT BALL IRRIGATION (28 SF EA.)

| ETAF CALCULATIONS | | |
|---|---|---|
| REGULAR LANDSCAPE AREAS | | |
| TOTAL ETAF x AREA | (B) | 3,031 |
| TOTAL AREA | (A) | 11,099 |
| AVAERAGE ETAF | (B) / (A) = | 0.27 |

| ALL LANDSCAPE AREAS | | |
|---|---|---|
| TOTAL ETAF x AREA | (B + D) | 3,031 |
| TOTAL AREA | (A + C) | 11,099 |
| SITEWIDE ETAF | (B + D) / (A + C) = | 0.27 |

A WATER EFFICIENT LANDSCAPE WORKSHEET
NO SCALE

P-PU-COA-10

## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | PSI |
|---|---|---|
| 0.25 0.50 | HUNTER RZWS-36-CV<br>36IN. LONG RZWS WITH INSTALLED .25 GPM OR .50 GPM BUBBLER OPTIONS, CHECK VALVE, 1/2IN. SWING JOINT FOR CONNECTION TO 1/2IN. PIPE | 25 |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
|---|---|
| F | HUNTER PLD-BV<br>MANUAL FLUSH/SHUT OFF VALVE, BARBED INSERT. TYPICALLY INSTALLED IN 10IN. BOX, WITH ADEQUATE BLANK TUBING TO EXTEND VALVE OUT OF VALVE BOX. USE WITH HDL OR OTHER 3/4IN. DRIPLINE. |
| A | HUNTER PLD-AVR 3/4"<br>PLD-AVR ALLOWS FOR AIR TO ESCAPE A RESIDENTIAL DRIP IRRIGATION SYSTEM TO PREVENT BLOCKAGE AND WATER HAMMERING. 1/2IN. MPT CONNECTION WITH 80 PSI MAXIMUM RATING. |
| EI | HUNTER ECO-ID<br>ECO-ID: 1/2IN. FPT CONNECTION WITH 12 PSI-70 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT. |
| | AREA TO RECEIVE DRIPLINE<br>HUNTER HDL-06-18-PC<br>HDL-06-18-PC: HUNTER DRIPLINE WITH 0.6 GPH FLOW. LIGHT BROWN TUBING WITH GRAY STRIPING. EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS. |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
|---|---|
| | HUNTER ICV-G 1"<br>1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. |
| | HUNTER HQ-44LRC 1"<br>QUICK COUPLER VALVE, YELLOW RUBBER LOCKING COVER, RED BRASS AND STAINLESS STEEL, WITH 1IN. NPT INLET, 2-PIECE BODY. |
| | NIBCO T-113<br>CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4IN. - 3IN. |
| | IRRIGATION LATERAL LINE: PVC SCHEDULE 40 |
| | IRRIGATION MAINLINE: PVC SCHEDULE 40 PVC SCHEDULE 40 FOR SIZES 1-1/2" OR SMALLER. SOLVENT WELD SCH. 80 FITTINGS AT 24" DEPTH. SIZE AS NOTED |
| | PIPE SLEEVE: PVC SCHEDULE 40<br>SIZE TO BE 2X THE TOTAL OF PIPE DIAMETER. INSTALL UNDER ALL NEW PAVING AND EXTEND 12" BEYOND HARDSCAPE EDGES. |

VALVE CALLOUT
- VALVE TYPE
- VALVE NUMBER
- VALVE FLOW
- VALVE SIZE
- VALVE PRECIP.
- VALVE HYDROZONE

FULL IRRIGATION SYSTEM COVERAGE DELINEATION WILL BE SUBMITTED WITH PLANS FOR BUILDING PERMITS.

IRRIGATION WITHIN PUBLIC RIGHT OF WAY SHALL COMPLY WITH CITY STANDARD DETAILS LS-1 THROUGH LS-19 AND SHALL BE CONNECTED TO THE ON-SITE WATER SYSTEM.

SHALL THE SITE RECEIVE FUTURE RECYCLED WATER, THE 1.5" IRRIGATION LINE MUST MAINTAIN A MINIMUM 4' HORIZONTAL CLEARANCE FROM POTABLE WATER LATERALS AND MAINS.

## WATER EFFICIENT LANDSCAPE ORDINANCE COMPLIANCE

I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

KEITH P. WILSON, ASLA, CRLA 4728

0' 10' 20'
(1" = 20'-0")

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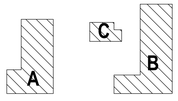
# MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/13/2025 | 230532 |

DRAWING HISTORY

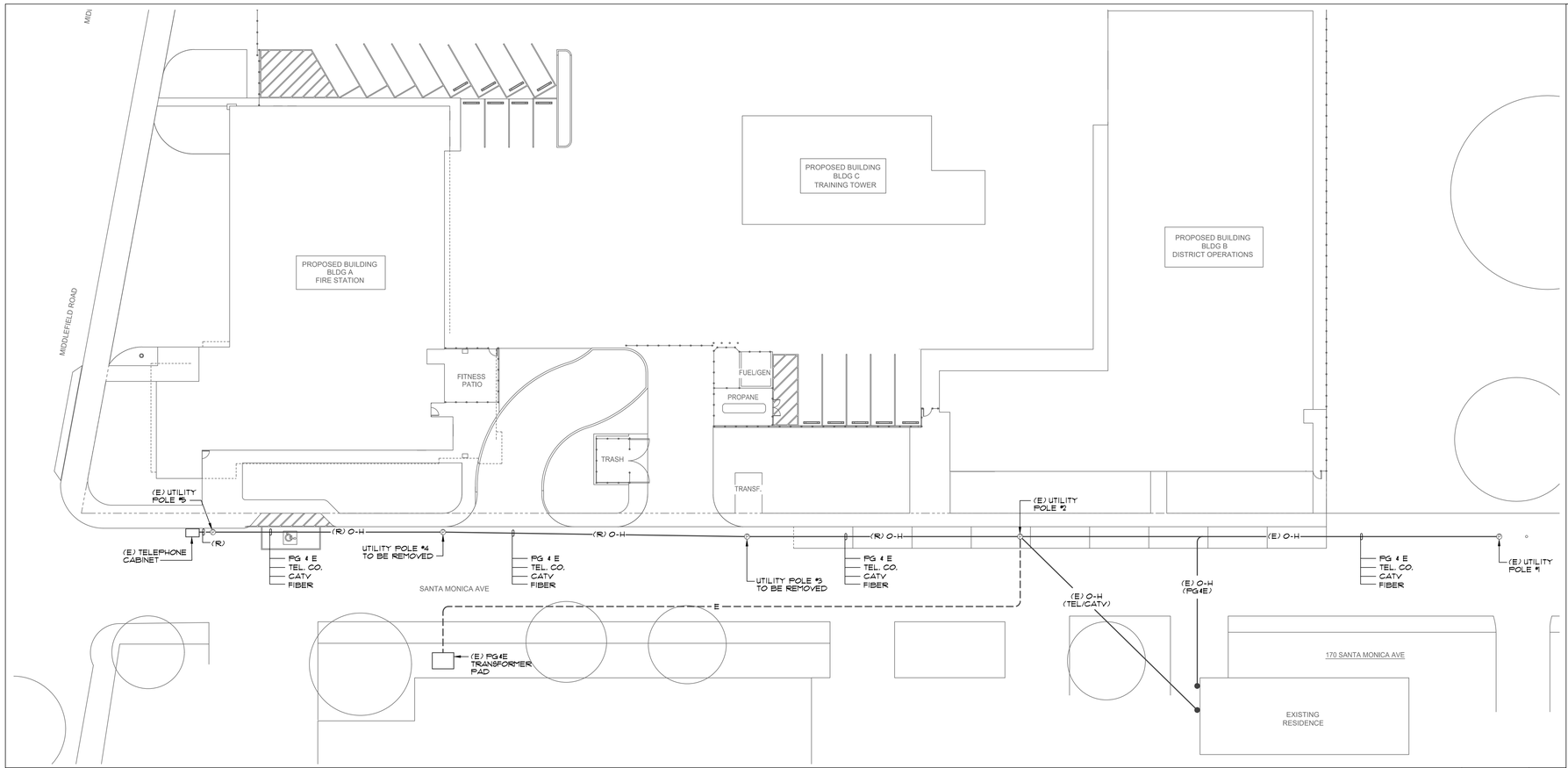
| No. | Description | Date |
|---|---|---|
| | | |

PLANNING DEPARTMENT SUBMITTAL

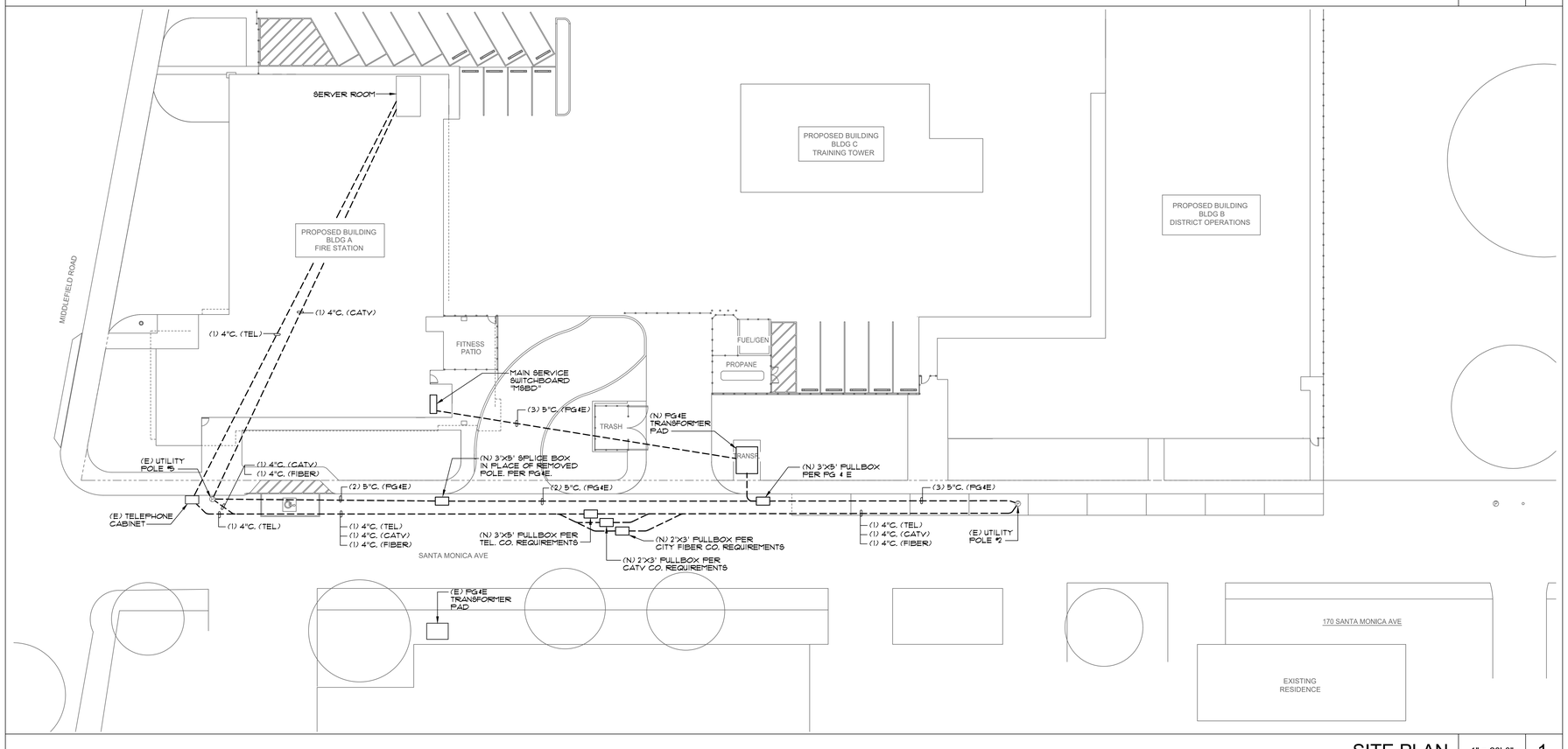
BUILDING NUMBER

IRRIGATION PLAN

L2.0




DEMOLITION SITE PLAN | 1" = 20'-0" | 1




SITE PLAN | 1" = 20'-0" | 1

## PLAN NOTES

1. THE ELECTRICAL CONTRACTOR SHALL CONTACT THE PG&E ELECTRIC SERVICE PLANNER UPON AWARD OF CONTRACT AND OBTAIN A COPY OF THE ENGINEERING DRAWINGS PRIOR TO INSTALLING THE SERVICE CONDUIT, DUCTS, PAD MOUNT RISERS, PULL BOXES, PROTECTIVE COVERING, ETC. INDICATED ON PLAN. ALL WORK INDICATED ON THE UTILITY COMPANY ENGINEERING DRAWINGS, WHETHER SHOUN ON PLAN OR NOT, SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL INSTALL THE SERVICE IN COMPLIANCE WITH THE SERVING UTILITY COMPANY REQUIREMENTS AND ALL UTILITY COMPANY WORK SHALL BE INSPECTED AND APPROVED BY THE SERVING UTILITY.

   UTILITY COMPANY ENGINEERING AND PERMIT FEES ASSOCIATED WITH THE WORK SHOUN AND INDICATED ON THE UTILITY COMPANY ENGINEERING DRAWINGS SHALL BE PAID BY THE CONTRACTOR AND REIMBURSED BY THE OUNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/OUNER OF ANY DISCREPANCIES BETWEEN THE UTILITY COMPANY ENGINEERING DRAWINGS AND THIS PLAN RIOR TO PROCEEDING WITH THE WORK.

2. THE ELECTRICAL CONTRACTOR SHALL CONTACT THE TELEPHONE COMPANY ENGINEER PRIOR TO BID AND RECEIVE COMPLETE INFORMATION OF THEIR REQUIREMENTS AND INCLUDE ALL SERVICE COSTS ASSOCIATED WITH THE WORK SHOUN AND INDICATED ON THE PLANS AND SPECIFICATION IN HIS BID. THE ACT OF SUBMITTING THE BID SHALL CONSTITUTE THE FULL RESPONSIBILITY OF THE CONTRACTOR TO INSTALL SERVICE IN COMPLIANCE WITH THE SERVING UTILITY AND TO PAY ALL CHARGES LEVIED BY THE SERVING UTILITY.

   ALL TELEPHONE WORK SHALL BE IN COMPLIANCE WITH THE DRAWINGS AND REQUIREMENTS OF THE TELEPHONE COMPANY. ALL ITEMS SHOUN ON THE DRAWINGS AND THE DRAWINGS OF THE SERVING UTILITY SHALL BE PROVIDED AND/OR INSTALLED BY THE CONTRACTOR AND SHALL BE VERIFIED WITH THE SERVING UTILITY COMPANY.

3. CATV SERVICE:
   THE ELECTRICAL CONTRACTOR SHALL CONTACT THE CATV SERVICE PLANNER UPON AWARD OF CONTRACT AND OBTAIN A COPY OF THE CABLE TV ENGINEERING DRAWINGS PRIOR TO INSTALLING THE SERVICE CONDUIT, DUCTS, RISERS, PULL BOXES, PROTECTIVE COVERING, ETC. INDICATED ON PLAN. ALL WORK INDICATED ON THE UTILITY COMPANY ENGINEERING DRAWINGS, WHETHER SHOUN ON PLAN OR NOT, SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL INSTALL THE SERVICE IN COMPLIANCE WITH THE SERVING UTILITY COMPANY REQUIREMENTS AND ALL UTILITY COMPANY WORK SHALL BE INSPECTED AND APPROVED BY THE SERVING UTILITY.

   UTILITY COMPANY ENGINEERING AND PERMIT FEES ASSOCIATED WITH THE WORK SHOUN AND INDICATED ON THE UTILITY COMPANY ENGINEERING DRAWINGS SHALL BE PAID BY THE CITY OF MENLO PARK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/OUNER OF ANY DISCREPANCIES BETUEEN THE UTILITY COMPANY ENGINEERING DRAWINGS AND THIS PLAN PRIOR TO PROCEEDING WITH THE WORK.

4. FIBER SERVICE:
   THE ELECTRICAL CONTRACTOR SHALL CONTACT THE FIBER SERVICE PLANNER UPON AWARD OF CONTRACT AND OBTAIN A COPY OF THE CITY FIBER ENGINEERING DRAWINGS PRIOR TO INSTALLING THE SERVICE CONDUIT, DUCTS, RISERS, PULL BOXES, PROTECTIVE COVERING, ETC. INDICATED ON PLAN. ALL WORK INDICATED ON THE UTILITY COMPANY ENGINEERING DRAWINGS, WHETHER SHOUN ON PLAN OR NOT, SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL INSTALL THE SERVICE IN COMPLIANCE WITH THE SERVING UTILITY COMPANY REQUIREMENTS AND ALL UTILITY COMPANY WORK SHALL BE INSPECTED AND APPROVED BY THE SERVING UTILITY.

   UTILITY COMPANY ENGINEERING AND PERMIT FEES ASSOCIATED WITH THE WORK SHOUN AND INDICATED ON THE UTILITY COMPANY ENGINEERING DRAWINGS SHALL BE PAID BY THE CITY OF MENLO PARK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/OUNER OF ANY DISCREPANCIES BETUEEN THE UTILITY COMPANY ENGINEERING DRAWINGS AND THIS PLAN PRIOR TO PROCEEDING WITH THE WORK.

5. CONDUIT ROUTING INDICATED ON THESE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF UNDERGROUND CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES.

6. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETUEEN UNDERGROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT STUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS. EXACT METHOD FOR STUBBING-UP CONDUITS AT FOOTING LOCATIONS SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND ARCHITECT.

**OVERHEAD UTILITIES TO UNDERGROUND CONVERSION SCOPE OF WORK**

OVERHEAD POUER, TELEPHONE, CATV AND FIBER OPTIC LINES ARE TO BE CONVERTED TO UNDERGROUND BETUEEN UTILITY POLE #2 AND UTILITY POLE #5.

## SYMBOL LIST

- —O-H— OVERHEAD CONDUIT RUN.
- — — — CONDUIT RUN, UNDERGROUND. 1" PVC MINIMUM.
- ●—— CONDUIT TURNED DOUN.
- ○—— CONDUIT TURNED UP.

PBK
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A&F ENGINEERING GROUP, INC.
9320 BASELINE RD., SUITE C, RANCHO CUCAMONGA, CA 91701
TEL: (909) 941-3008 FAX (909) 941-8211

**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

REGISTERED PROFESSIONAL ENGINEER
ROLANDO E. SOTELO
No. E17229
6/30/26
STATE OF CALIFORNIA

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

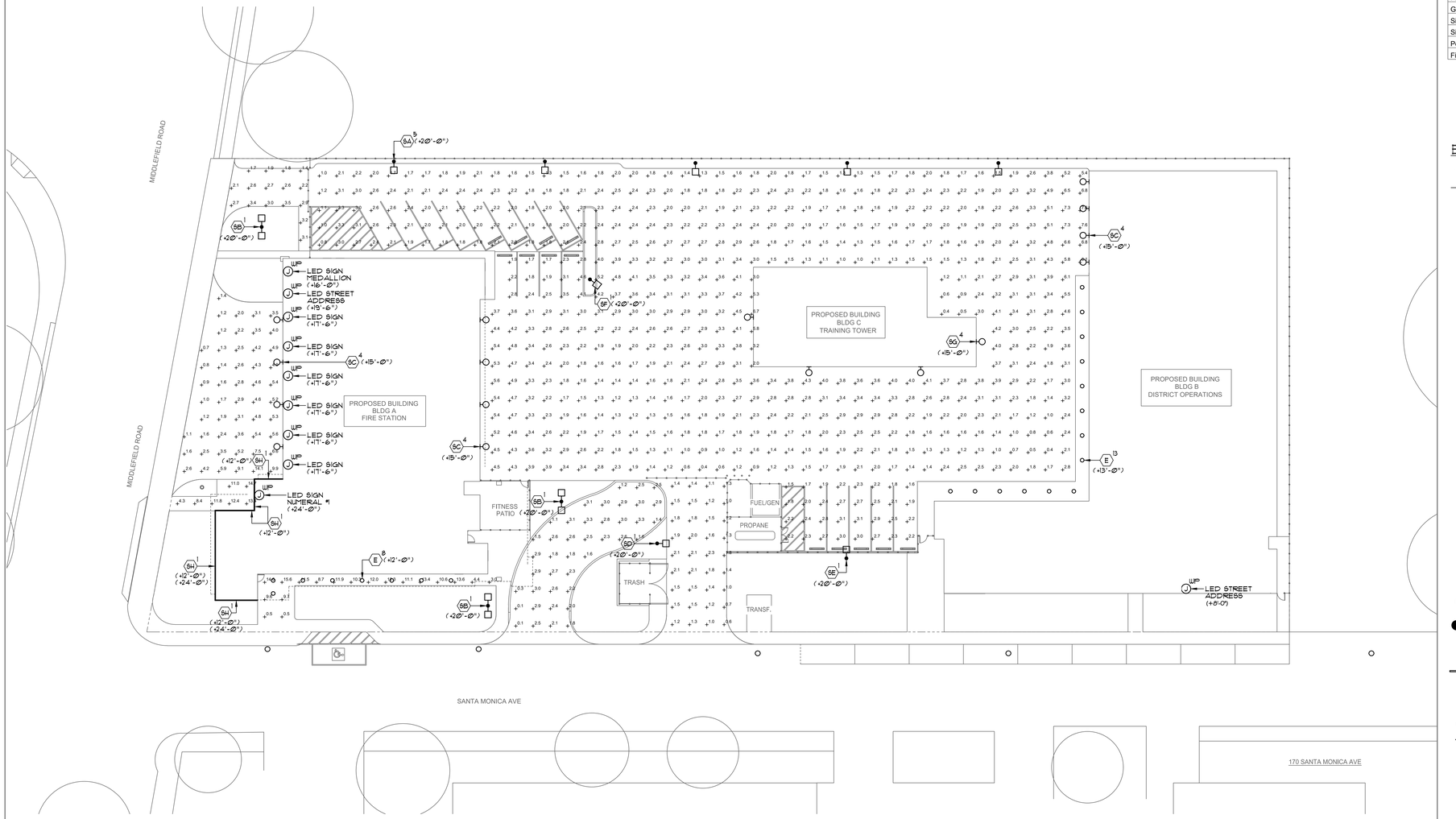
| No. | Description | Date |
|---|---|---|
| 1 | Plan Check Cycle #3 | 07-08-2025 |

**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

SITE PLAN

E1.0




## PLAN NOTES

1. THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINARIE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS.

| Statistics | | | | | | |
|---|---|---|---|---|---|---|
| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
| Front Entrance | + | 3.6 fc | 14.1 fc | 0.7 fc | 20.1:1 | 5.1:1 |
| Front Fire Station Driveway | + | 2.5 fc | 3.5 fc | 1.4 fc | 2.5:1 | 1.8:1 |
| Garage Driveway | + | 2.3 fc | 3.3 fc | 0.1 fc | 33.0:1 | 23.0:1 |
| Side Entrance | + | 1.5 fc | 2.3 fc | 0.6 fc | 3.8:1 | 2.5:1 |
| Side Parking | + | 3.1 fc | 5.6 fc | 1.4 fc | 4.0:1 | 2.2:1 |
| Pedestrian Walkway | + | 9.6 fc | 15.6 fc | 0.5 fc | 31.2:1 | 19.2:1 |
| Fire Station Vehicle Hardscape | + | 2.5 fc | 10.4 fc | 0.4 fc | 26.0:1 | 6.3:1 |

## EXTERIOR LIGHTING FIXTURE SCHEDULE

| TYPE | MANUFACTUER/ MODEL | LAMP/ TEMP | WATTS/ VOLTAGE | MOUNTING HEIGHT | B.U.G RATING |
|---|---|---|---|---|---|
| 6A | U.S. ARCHITECTURAL *TBNIB-PLED-IV-FT-40LED-525MA-40K-277-I-M8-F3II-H8-PLED | LED 4000K | 65W | +20'-Ø" | B1-U0-G2 |
| 5B | U.S. ARCHITECTURAL *TBNIB-PLED-II-40LED-350MA-40K-277-2-IBD-M8-F3II | LED 4000K | 85W | +20'-Ø" | B2-U0-G2 |
| 6C | ANP LIGHTING *MBVAI6-E03@LDS-W-40K-E3-PC-UNV | LED 4000K | 30W | +15'-Ø" | B1-U0-G1 |
| 5D | U.S. ARCHITECTURAL *TBNIB-PLED-II-40LED-350MA-40K-277-I-M8-F3II | LED 4000K | 43W | +20'-Ø" | B2-U0-G2 |
| 5E | U.S. ARCHITECTURAL *TBNIB-PLED-II-40LED-525MA-40K-277-I-M8-F3II | LED 4000K | 65W | +20'-Ø" | B2-U0-G2 |
| 5F | U.S. ARCHITECTURAL *TBNIB-PLED-IV-FT-40LED-525MA-40K-277-I-M8-F3II | LED 4000K | 65W | +20'-Ø" | B2-U0-G3 |
| 5G | U.S. ARCHITECTURAL *TBNIB-PLED-IV-FT-40LED-525MA-40K-277-UH-M8-F3II | LED 4000K | 65W | +15'-Ø" | B2-U0-G3 |
| 5H | CONTECH LIGHTING *AFS948-3-40K-T-6-NT-C3T *AFEXIB0857-6 *TLP24VHU86MVD2-ENC | LED 4000K | 31W/FT | +12'-Ø" +24'-Ø" | B0-U0-G0 |
| E | GOTHAM LIGHTING *EVO6-40/15-AR-L86-MD-MVOLT-GZ1 | LED 4000K | 15W | +12'-Ø" +13'-Ø" | B2-U0-G0 |

## SYMBOL LIST

- SINGLE POLE MOUNTED AREA LIGHTING FIXTURE
- CEILING MOUNTED LED LIGHT FIXTURE. SHADING INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.
- WALL MOUNTED LED LIGHT FIXTURE.
- CEILING MOUNTED LED STRIP LIGHT FIXTURE.
- J WP — JUNCTION BOX, WALL MOUNTED. WP = WATER PROOF.
- 3 / A / +20'-Ø" — LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES TYPE OF FIXTURE. NUMERAL AT TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED. NUMBER AT BOTTOM OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTING.

SITE PHOTOMETRIC PLAN | 1" = 20'-0" | 1

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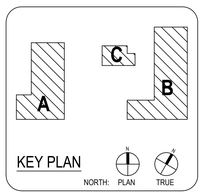
TEL. (909) 941-3008 FAX (909) 941-8211

# MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO




KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

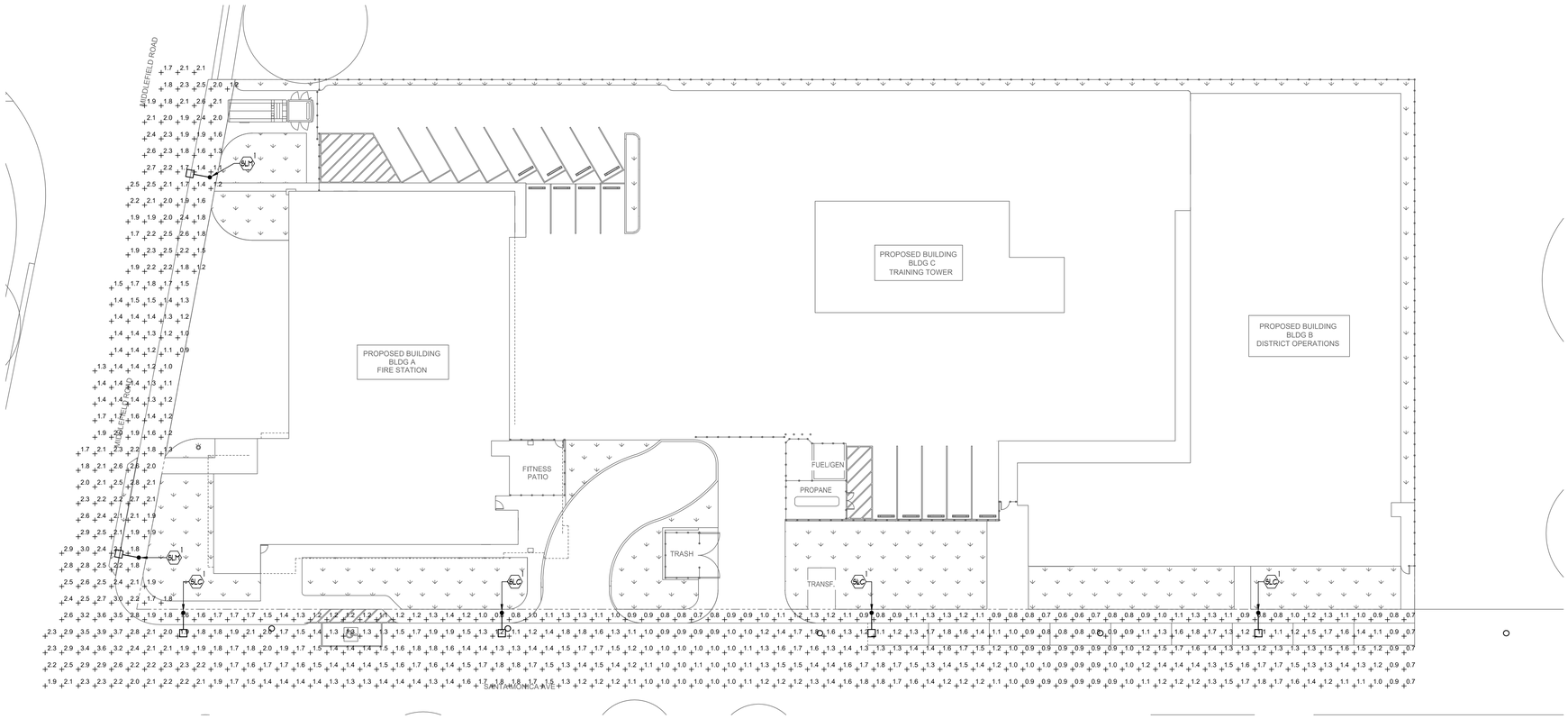
| No. | Description | Date |
|---|---|---|
| 1 | Plan Check Cycle #3 | 07-08-2025 |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

SITE PHOTOMETRIC PLAN

E1.1




## STREET LIGHTING PHOTOMETRIC PLAN | 1" = 20'-0" | 1

## PLAN NOTES

1. THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINARIE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS.

### Statistics

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|---|---|---|---|---|---|---|
| Overall | + | 1.6 fc | 3.9 fc | 0.6 fc | 6.5:1 | 2.7:1 |
| Major Rd | + | 1.9 fc | 3.0 fc | 0.9 fc | 3.3:1 | 2.1:1 |
| Collector Rd | + | 1.3 fc | 2.4 fc | 0.6 fc | 4.0:1 | 2.2:1 |

## STREET LIGHTING FIXTURE SCHEDULE

| TYPE | MANUFACTUER/ MODEL | LAMP/ TEMP | WATTS/ VOLTAGE | MOUNTING HEIGHT | BUG RATING |
|---|---|---|---|---|---|
| SLM | CREE LIGHTING #STR-LWY-2M-HT-12-E-UP-SV-525-DIM-R-UTL-40K | LED 4000K | 197W | +31'-6" | B3-U0-G3 |
| SLC | CREE LIGHTING #STR-LWY-2M-HT-08-E-UP-SV-525-DIM-R-UTL-40K | LED 4000K | 139W | +31'-6" | B3-U0-G3 |

## SYMBOL LIST

- SINGLE POLE MOUNTED AREA LIGHTING FIXTURE
- 3 / A / +20'-0" — LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES TYPE OF FIXTURE, NUMERAL AT TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED, NUMBER AT BOTTOM OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTING.



Table 205-4 shows the recommended lighting levels for continuous lighting on conventional highways and expressways.

**Table 205-4 Recommended Lighting Levels for Conventional Highways and Expressways**

| Roadway Classification | Ped/hr (During Hours of Darkness) | Min $E_{avg}$ (fc) | Max Uniformity $E_{avg}/E_{min}$ |
|---|---|---|---|
| Major (3,500 or higher ADT) | ≥100 | 1.67 | 3.0 |
| | 11-99 | 1.25 | 3.0 |
| | ≤ 10 | 0.83 | 3.5 |
| Collector (1,501 to 3,499 ADT) | ≥ 100 | 1.11 | 3.0 |
| | 11-99 | 0.83 | 3.5 |
| | ≤ 10 | 0.56 | 4.0 |
| Local (100 to 1,500 ADT) | ≥ 100 | 0.83 | 6.0 |
| | 11-99 | 0.70 | 6.0 |
| | ≤ 10 | 0.42 | 6.0 |

### Crosswalks

Crosswalk lighting is warranted at controlled pedestrian crossings (such as pedestrian hybrid beacons). The crosswalk and areas between limit lines should be illuminated.

Crosswalk lighting may be warranted at pedestrian actuated crossings (such as rectangular rapid flashing beacons) or multilane crossings where vehicle volumes exceed 10,000 average annual daily traffic. One or two luminaires should be placed near the crosswalk. When two luminaires are placed, they should be at opposite ends of the crosswalk.





Refer to Table 205-2 and Table 205-5 for recommended lighting levels for conventional highways and expressways, as applicable.

**Table 205-5 Recommended Lighting Levels for Controlled Pedestrian Crossings (Conventional Highways and Expressways)**

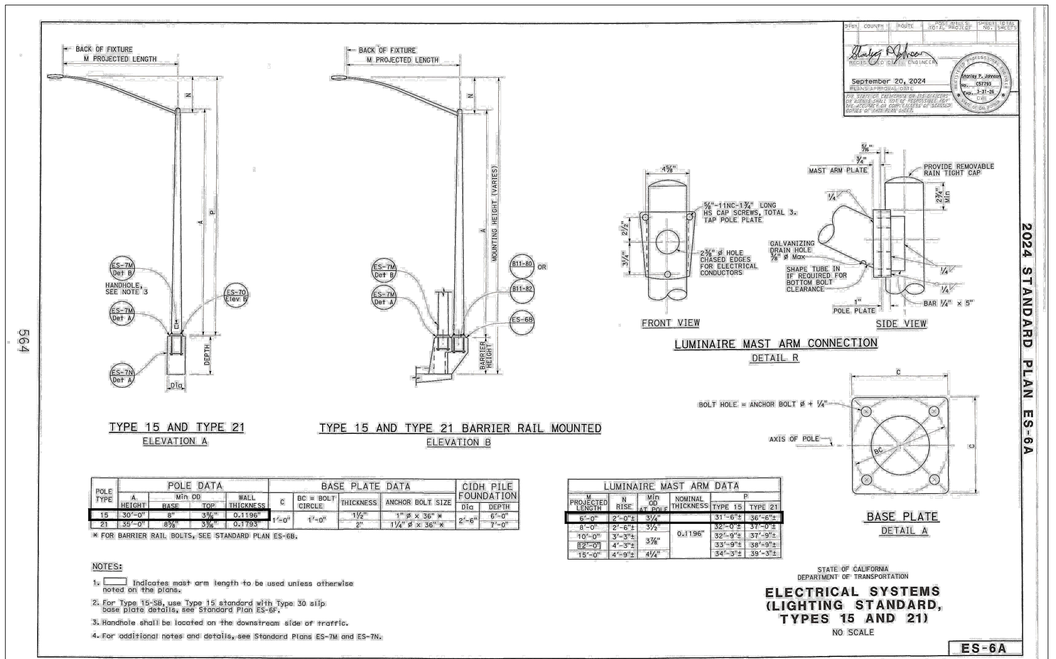
| Roadway Classification | Min $E_{avg}$ (fc) | Max Uniformity $E_{avg}/E_{min}$ |
|---|---|---|
| Major (3,500 or higher ADT) | 0.8 | 3.0 |
| Collector (1,501 to 3,499 ADT) | 0.6 | 4.0 |
| Local (100 to 1,500 ADT) | 0.4 | 6.0 |

### Intersections

Lighting is warranted at intersections on conventional highways and expressways under the following circumstances:

- Warrant 1, Condition A (Minimum Vehicular Volume) and Condition B (Interruption of Continuous Traffic) (see Figure 4C-101 [CA] Traffic Warrants Sheet Worksheet [Sheet 1 of 5] of the CA *MUTCD*) are satisfied.
- Warrant 4, Part 1, Section B (Pedestrian Volume) (see Figure 4C- 101 [CA] Traffic Warrants Sheet Worksheet [Sheet 3 of 5] and Figures 4C-7 and 4C- 8 from CA *MUTCD*) is satisfied for one hour of darkness.
- When 4 or more nighttime crashes have occurred in a consecutive 12-month interval within the last 5 years.
- When 6 or more nighttime crashes have occurred in a consecutive 24-month interval within the last 5 years.
- At traffic signals. A minimum of one luminaire should be placed at each corner to illuminate the crosswalk and the area normally bounded by the crosswalk. The lighting level emphasizes the middle of the intersection to all turning and oncoming vehicles.
- At regulatory stop signs with flashing beacons.
- Where a combination of sight distance, horizontal or vertical curvature of the roadway, channelization, or other factors indicate a visibility improvement with the installation of lighting. Factors that constitute visibility improvement should be included in the PID.






| POLE TYPE | POLE DATA A | Min OD BASE | Min OD TOP | WALL THICKNESS | C | BASE PLATE DATA BC = BOLT CIRCLE | THICKNESS | ANCHOR BOLT SIZE | CIDH PILE FOUNDATION Dia | DEPTH |
|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 30'-0" | 8" | 3½" | 0.1196" | 15'-0" | 1'-0" | 1½" | 1" Ø x 36" * | 2'-6" | 6'-0" |
| 21 | 35'-0" | 8⅝" | 3½" | 0.1793" | | | 2" | 1¼" Ø x 36" * | | 7'-0" |

* FOR BARRIER RAIL BOLTS, SEE STANDARD PLAN ES-6B.

| LUMINAIRE MAST ARM DATA N PROJECTED LENGTH | N RISE | Min OD @ TOP | WALL THICKNESS | NOMINAL THICKNESS | BASE PLATE TYPE 15 | BASE PLATE TYPE 21 |
|---|---|---|---|---|---|---|
| 6'-0" | 2'-0"± | 3½" | 0.1196" | | 31'-6"± | 36'-6"± |
| 8'-0" | 2'-6"± | 3½" | | | 32'-0"± | 37'-0"± |
| 10'-0" | 3'-3"± | 3⅜" | | | 32'-9"± | 37'-9"± |
| 12'-0" | 4'-3"± | | | | 33'-9"± | 38'-9"± |
| 15'-0" | 4'-9"± | 4¼" | | | 34'-3"± | 39'-3"± |

NOTES:
1. ____ Indicates mast arm length to be used unless otherwise noted on the plans.
2. For Type 15-SB, use Type 15 standard with Type 30 slip base plate details, see Standard Plan ES-6F.
3. Handhole shall be located on the downstream side of traffic.
4. For additional notes and details, see Standard Plans ES-7M and ES-7N.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS (LIGHTING STANDARD, TYPES 15 AND 21)**
NO SCALE

ES-6A

2024 STANDARD PLAN ES-6A

## CALTRANS STANDARDS | N.T.S. | 2

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TEL. (909) 941-3008 FAX (909) 941-8211

**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**
300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

A B C

KEY PLAN
NORTH: 1 PLAN 2 TRUE

DISCIPLINE

REGISTERED PROFESSIONAL ENGINEER
RICHARD E. SUTTON
No. C17229
6/30/26
STATE OF CALIFORNIA

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

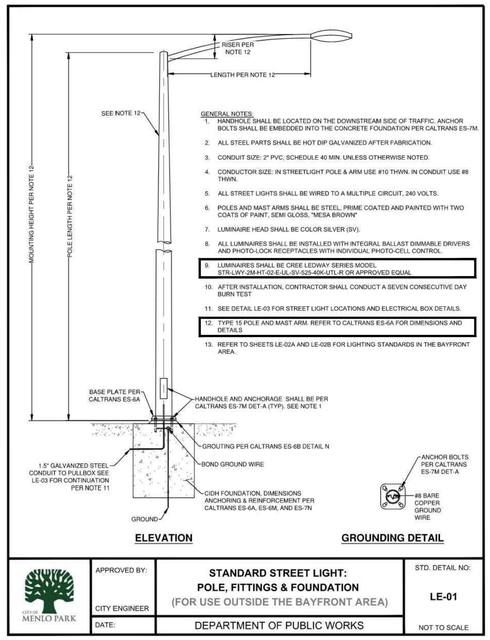
| No. | Description | Date |
|---|---|---|
| 1 | Plan Check Cycle #3 | 07-08-2025 |

PLANNING DEPARTMENT SUBMITTAL

BUILDING NUMBER

STREET LIGHTING PHOTOMETRIC PLAN

E1.2




GENERAL NOTES:

1. HANDHOLE SHALL BE LOCATED ON THE DOWNSTREAM SIDE OF TRAFFIC. ANCHOR BOLTS SHALL BE EMBEDDED INTO THE CONCRETE FOUNDATION PER CALTRANS ES-7M.
2. ALL STEEL PARTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
3. CONDUIT SIZE: 2" PVC, SCHEDULE 40 MIN. UNLESS OTHERWISE NOTED.
4. CONDUCTOR SIZE: IN STREETLIGHT POLE & ARM USE #10 THWN. IN CONDUIT USE #8 THWN.
5. ALL STREET LIGHTS SHALL BE WIRED TO A MULTIPLE CIRCUIT, 240 VOLTS.
6. POLES AND MAST ARMS SHALL BE STEEL, PRIME COATED AND PAINTED WITH TWO COATS OF PAINT, SEMI GLOSS, "MESA BROWN"
7. LUMINAIRE HEAD SHALL BE COLOR SILVER (SV).
8. ALL LUMINAIRES SHALL BE INSTALLED WITH INTEGRAL BALLAST DIMMABLE DRIVERS AND PHOTO-LOCK RECEPTACLES WITH INDIVIDUAL PHOTO-CELL CONTROL.
9. LUMINAIRES SHALL BE CREE LEDWAY SERIES MODEL STR-LWY-2M-HT-02-E-UL-SV-525-40K-UTL-R OR APPROVED EQUAL
10. AFTER INSTALLATION, CONTRACTOR SHALL CONDUCT A SEVEN CONSECUTIVE DAY BURN TEST
11. SEE DETAIL LE-03 FOR STREET LIGHT LOCATIONS AND ELECTRICAL BOX DETAILS.
12. TYPE 15 POLE AND MAST ARM. REFER TO CALTRANS ES-6A FOR DIMENSIONS AND DETAILS
13. REFER TO SHEETS LE-02A AND LE-02B FOR LIGHTING STANDARDS IN THE BAYFRONT AREA.

| | | | |
|---|---|---|---|
| CITY OF MENLO PARK | APPROVED BY: CITY ENGINEER | **STANDARD STREET LIGHT: POLE, FITTINGS & FOUNDATION** (FOR USE OUTSIDE THE BAYFRONT AREA) | STD. DETAIL NO: **LE-01** |
| | DATE: | DEPARTMENT OF PUBLIC WORKS | NOT TO SCALE |

# LEDway® Series

LEDway® Light Street Light

Rev. Date: V5 04/24/2020






## Product Description

Luminaire housing is all aluminum construction. Standard luminaire utilizes terminal block for power input suitable for #2-#14 AWG wire. Luminaire is designed to mount on a 2" (51mm) IP, 2.375" (60mm) O.D. horizontal tenon and/or a 3.25" (82mm) IP, 1.66" (42mm) O.D. horizontal tenon (minimum 8" [203mm] in length) and is adjustable +/- 5° to allow for luminaire leveling (two axis T-level included).
**Applications:** Roadway, parking lots, walkways and general area spaces

## Performance Summary

- Patented NanoOptics® Product Technology
- Assembled in the U.S.A. of U.S. and imported parts
- **CRI:** Minimum 70 CRI
- **CCT:** 4000K (+/- 300K), 5700K (+/- 500K) standard
- **Limited Warranty*:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

* See www.creelighting.com/warranty for warranty terms.

| LED Count (x10) | Dim. "A" | Weight |
|---|---|---|
| 02 | 17.5" (443mm) | 13.0 lbs. (5.9kg) |
| 03 | 17.5" (443mm) | 13.5 lbs. (6.1kg) |
| 04 | 22.0" (559mm) | 16.5 lbs. (7.5kg) |
| 05 | 22.0" (559mm) | 17.0 lbs. (7.7kg) |
| 06 | 22.0" (559mm) | 17.5 lbs. (7.9kg) |
| 07 | 26.8" (681mm) | 22.0 lbs. (10.0kg) |
| 08 | 26.8" (681mm) | 22.5 lbs. (10.2kg) |
| 09 | 26.8" (681mm) | 22.5 lbs. (10.2kg) |
| 10 | 33.1" (841mm) | 27.5 lbs. (12.5kg) |
| 11 | 33.1" (841mm) | 28.0 lbs. (12.7kg) |
| 12 | 33.1" (841mm) | 28.0 lbs. (12.7kg) |

## Accessories

| Field-Installed | | |
|---|---|---|
| **Bird Spikes for Light Engine**<br>XA-BIRDSPKNG<br>- 20-30 LED<br>XA-BIRDSPKMID<br>- 40-60 LED<br>XA-BIRDSPKHI<br>- 70-90 LED<br>XA-BIRDSPK120<br>- 100-120 LED | **Bird Spikes for Housing**<br>**Shorting Cap**<br>XA-KIL-SHRT | **External Backlight Shield**<br>XA-KIL-BLS30<br>- 20-30 LED<br>XA-KIL-BLS40<br>- 40-60 LED<br>XA-KIL-BLS90<br>- 70-90 LED<br>XA-KIL-BLS120<br>- 100-120 LED |

## Ordering Information

Example: STR-LWY-2M-HT-02-E-UL-SV-700

| STR-LWY | | HT | | E | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product** | **Optic** | **Mounting** | **LED Count (x10)** | **Series** | **Voltage** | **Color Options*** | **Drive Current** | **Options** |
| STR-LWY | **2M** Type II Medium<br>**2S** Type II Short<br>**3M** Type III Medium<br>**5M** Type IV Medium<br>**5W** Type V Medium | **HT** Horizontal Tenon<br>Collector Rd. Type SLC<br>Major Rd. Type SLM | **02**<br>**03**<br>**04**<br>**05**<br>**06**<br>**07**<br>**08**<br>**09**<br>**10**<br>**11**<br>**12** | **E** | **UL** Universal 120-277V<br>**UH** Universal 347-480V | **BK** Black<br>**BZ** Bronze<br>**SV** Silver | **525** 525mA<br>**700** 700mA | **DIM 0-10V Dimming**<br>- Control by others<br>- Refer to Dimming spec sheet for details<br>- Can't exceed specified drive current<br>**R NEMA® Photocontrol Receptacle**<br>- 3-pin - Prepared per ANSI C136.10<br>- Intended for downlight applications with max/mpns.43°, 66<br>- Requires photocell or shorting cap (by others)<br>**UTL Utility**<br>- Includes exterior wattage label that reflects watts for the drive current selected. The ability to exceed selected drive current is disabled.<br>**40K 4000K Color Temperature**<br>- Minimum 70 CRI<br>- Color temperature per luminaire<br>**TRL Amber Turtle Friendly LEDs**<br>Available only with 350mA only<br>- Available only with 40, 60, 100, 120 LED counts<br>- Color temperature: 2200K, 3000K, 525mA - 0.29 (350mA)<br>- Power multiplier from 525mA: 0.53<br>- 600nm dominant wavelength<br>- Additional shielding (by others) may be required for Florida Fish and Wildlife Conservation Commission compliance |

* Light engine portion of enthusiast is not painted and will remain natural aluminum regardless of color selection

c UL us

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING

LEDway® LED Street Light

## Product Specifications

**CONSTRUCTION & MATERIALS**

- Housing is all aluminum construction
- Terminal block for power input suitable for #2-#14 AWG wire
- HT Mount is designed to mount on a 2" (51mm) IP, 2.375" (60mm) O.D. horizontal tenon and/or a 3.25" (82mm) IP, 1.66" (42mm) O.D. horizontal tenon (minimum 8" [203mm] in length) and is adjustable +/- 5° to allow for luminaire leveling (two axis T-level included)
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, and silver are available
- **Weights:** See Dimensions and Weight chart on page 1

**ELECTRICAL SYSTEM**

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Quick disconnect harness suitable for mate and break under load provided on power feed to driver for ease of maintenance
- Integral 10kV surge suppression protection standard
- To address inrush current, slow blow fuse or type C/D breaker should be used
- **10V Source Current:** 20-60 LED: 0.15mA; 80-120 LED: 0.30mA

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- cULus Listed
- Suitable for wet locations
- Meets CALTrans 611 Vibration testing and GR-63-CORE Section 4.4.1/5.4.2 Earthquake Zone 4
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2
- Luminaire and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog as defined in ASTM Standard B 117
- Meets Buy American requirements within AARA
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions

⚠ **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

**Electrical Data***

| LED Count (x10) | System Watts 120-277V | System Watts 347-480V | Total Current (A) 120V | 208V | 240V | 277V | 347V | 480V |
|---|---|---|---|---|---|---|---|---|
| 525mA | | | | | | | | |
| 02 | 35 | 39 | 0.30 | 0.18 | 0.16 | 0.15 | 0.12 | 0.10 |
| 03 | 53 | 55 | 0.45 | 0.26 | 0.23 | 0.21 | 0.16 | 0.13 |
| 04 | 66 | 71 | 0.56 | 0.33 | 0.29 | 0.26 | 0.21 | 0.16 |
| 05 | 86 | 97 | 0.72 | 0.42 | 0.37 | 0.33 | 0.25 | 0.19 |
| 06 | 100 | 103 | 0.86 | 0.49 | 0.43 | 0.38 | 0.30 | 0.22 |
| 07 | 120 | 124 | 1.01 | 0.60 | 0.54 | 0.49 | 0.37 | 0.28 |
| 08 | 139 | 140 | 1.17 | 0.69 | 0.62 | 0.56 | 0.41 | 0.32 |
| 09 | 149 | 156 | 1.26 | 0.76 | 0.66 | 0.59 | 0.46 | 0.36 |
| 10 | 167 | 172 | 1.41 | 0.83 | 0.73 | 0.65 | 0.50 | 0.38 |
| 11 | 182 | 188 | 1.54 | 0.89 | 0.79 | 0.70 | 0.55 | 0.41 |
| 12 | 197 | 204 | 1.67 | 0.96 | 0.85 | 0.75 | 0.59 | 0.46 |
| 700mA | | | | | | | | |
| 02 | 47 | 51 | 0.39 | 0.23 | 0.21 | 0.19 | 0.15 | 0.12 |
| 03 | 70 | 73 | 0.59 | 0.36 | 0.30 | 0.27 | 0.21 | 0.16 |
| 04 | 91 | 93 | 0.77 | 0.45 | 0.39 | 0.35 | 0.27 | 0.20 |
| 05 | 113 | 115 | 0.96 | 0.56 | 0.48 | 0.43 | 0.33 | 0.25 |
| 06 | 134 | 135 | 1.13 | 0.65 | 0.57 | 0.50 | 0.39 | 0.29 |
| 07 | 163 | 165 | 1.37 | 0.80 | 0.71 | 0.63 | 0.48 | 0.36 |
| 08 | 182 | 186 | 1.54 | 0.90 | 0.79 | 0.70 | 0.54 | 0.40 |
| 09 | 203 | 207 | 1.72 | 0.99 | 0.87 | 0.78 | 0.60 | 0.45 |
| 10 | 227 | 229 | 1.92 | 1.11 | 0.97 | 0.86 | 0.67 | 0.49 |
| 11 | 248 | 250 | 2.10 | 1.21 | 1.05 | 0.93 | 0.73 | 0.53 |
| 12 | 267 | 274 | 2.26 | 1.30 | 1.13 | 1.00 | 0.80 | 0.58 |

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347-480V +/- 10%.

**LEDway® Ambient Adjusted Lumen Maintenance***

| Ambient | CCT | Initial LMF | 25K hr Reported* LMF | 50K hr Reported* LMF | 75K hr Estimated* LMF | 100K hr Estimated* LMF |
|---|---|---|---|---|---|---|
| 5°C (41°F) | 3(4/5)40K/50K/57K | 1.04 | 1.01 | 0.99 | 0.98 | 0.96 |
| | TRL | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 |
| 10°C (50°F) | 3(4/5)40K/50K/57K | 1.03 | 1.00 | 0.98 | 0.97 | 0.95 |
| | TRL | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 |
| 15°C (59°F) | 3(4/5)40K/50K/57K | 1.02 | 0.99 | 0.97 | 0.96 | 0.94 |
| | TRL | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 |
| 25°C (68°F) | 3(4/5)40K/50K/57K | 1.01 | 0.98 | 0.96 | 0.95 | 0.93 |
| | TRL | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 |
| 25°C (77°F) | 3(4/5)40K/50K/57K | 1.00 | 0.97 | 0.95 | 0.94 | 0.92 |
| | TRL | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

*Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED light source. Values at 5°C (41°F) are based on empirical data. Values at 10°C (50°F) and 15°C (59°F) are interpolated lumen maintenance factors. Please refer to the Temperature Zone Reference Document for outdoor average nighttime ambient conditions.
*Projections in accordance with IES TM-21. Reported values represent interpolated values based on time durations that are up to but the tested duration in the IES LM-80 report for the LED.
*Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

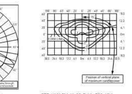
CREE LIGHTING

LEDway® LED Street Light

## Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: http://creelighting.com/products/outdoor/street-and-roadway/ledway-series

**2M**



CD575, Test Report #: 2015-0025
STR-LWY-2M-**-**-E-UL-700-40K
Initial Delivered Lumens: 10,704



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-30 | 3,211 | 30.0 |
| 30-60 | 4,813 | 45.0 |
| 60-80 | 2,139 | 20.0 |
| 80-90 | 541 | 5.1 |
| 90-180 | 0 | 0.0 |

STR-LWY-2M-**-02-E-UL-700-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 1,689
Initial FC at grade:

**Type II Medium Distribution**

| LED Count (x10) | 4000K Initial Delivered Lumens* | 4000K BUG Ratings* Per TM-15-11 | 5700K Initial Delivered Lumens* | 5700K BUG Ratings* Per TM-15-11 |
|---|---|---|---|---|
| 525mA | | | | |
| 02 | 3,044 | B1 U0 G1 | 3,182 | B1 U0 G1 |
| 03 | 4,550 | B1 U0 G1 | 4,735 | B1 U0 G1 |
| 04 | 6,079 | B2 U0 G2 | 6,313 | B2 U0 G2 |
| 05 | 7,569 | B2 U0 G2 | 7,839 | B2 U0 G2 |
| 06 | 9,000 | B2 U0 G2 | 9,344 | B2 U0 G2 |
| 07 | 10,532 | B2 U0 G2 | 10,937 | B2 U0 G2 |
| 08 | 11,982 | B3 U0 G3 | 12,443 | B3 U0 G3 |
| 09 | 13,419 | B3 U0 G3 | 13,935 | B3 U0 G3 |
| 10 | 14,996 | B3 U0 G3 | 15,571 | B3 U0 G3 |
| 11 | 16,440 | B3 U0 G3 | 17,072 | B3 U0 G3 |
| 12 | 17,880 | B3 U0 G3 | 18,568 | B3 U0 G3 |
| 700mA | | | | |
| 02 | 3,830 | B1 U0 G1 | 3,977 | B1 U0 G1 |
| 03 | 5,688 | B2 U0 G2 | 5,907 | B2 U0 G2 |
| 04 | 7,598 | B2 U0 G2 | 7,891 | B2 U0 G2 |
| 05 | 9,436 | B2 U0 G2 | 9,799 | B2 U0 G2 |
| 06 | 11,250 | B3 U0 G3 | 11,683 | B3 U0 G3 |
| 07 | 13,165 | B3 U0 G3 | 13,671 | B3 U0 G3 |
| 08 | 14,978 | B3 U0 G3 | 15,554 | B3 U0 G3 |
| 09 | 16,776 | B3 U0 G3 | 17,419 | B3 U0 G3 |
| 10 | 18,742 | B3 U0 G3 | 19,463 | B3 U0 G3 |
| 11 | 20,550 | B3 U0 G3 | 21,340 | B3 U0 G3 |
| 12 | 22,351 | B3 U0 G3 | 23,210 | B3 U0 G3 |

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -15 and +15% of initial delivered lumens.
** For more information on the IES BUG (Blue-Uplight-Glare) Rating visit: https://www.ies.org/wp-content/uploads/2018/02/TM-15-11BUGRatingAddendum.pdf

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING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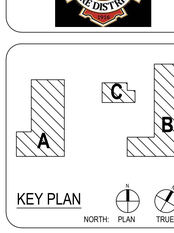
TEL: (909) 941-3008 FAX: (909) 941-0211


**MENLO PARK FIRE STATION NO. 01 & TRAINING TOWER**

300 MIDDLEFIELD ROAD
MENLO PARK, CA 94025

CLIENT LOGO

MENLO PARK FIRE DISTRICT




DISCIPLINE

REGISTERED PROFESSIONAL ENGINEER
RICHARD E. STOTZ
No. E17229
6/30/26
STATE OF CALIFORNIA

CLIENT
MENLO PARK FIRE PROTECTION DISTRICT

| DATE | PROJECT NUMBER |
|---|---|
| 08/22/2024 | 230532 |

DRAWING HISTORY

| No. | Description | Date |
|---|---|---|
| 1 | Plan Check Cycle #3 | 07-08-2025 |

**PLANNING DEPARTMENT SUBMITTAL**

BUILDING NUMBER

CITY STANDARD AND FIXTURE DATA SHEET

E1.3

CITY STREET LIGHT STANDARD | N.T.S. | 1

LIGHT FIXTURE DATA SHEET | N.T.S. | 2