



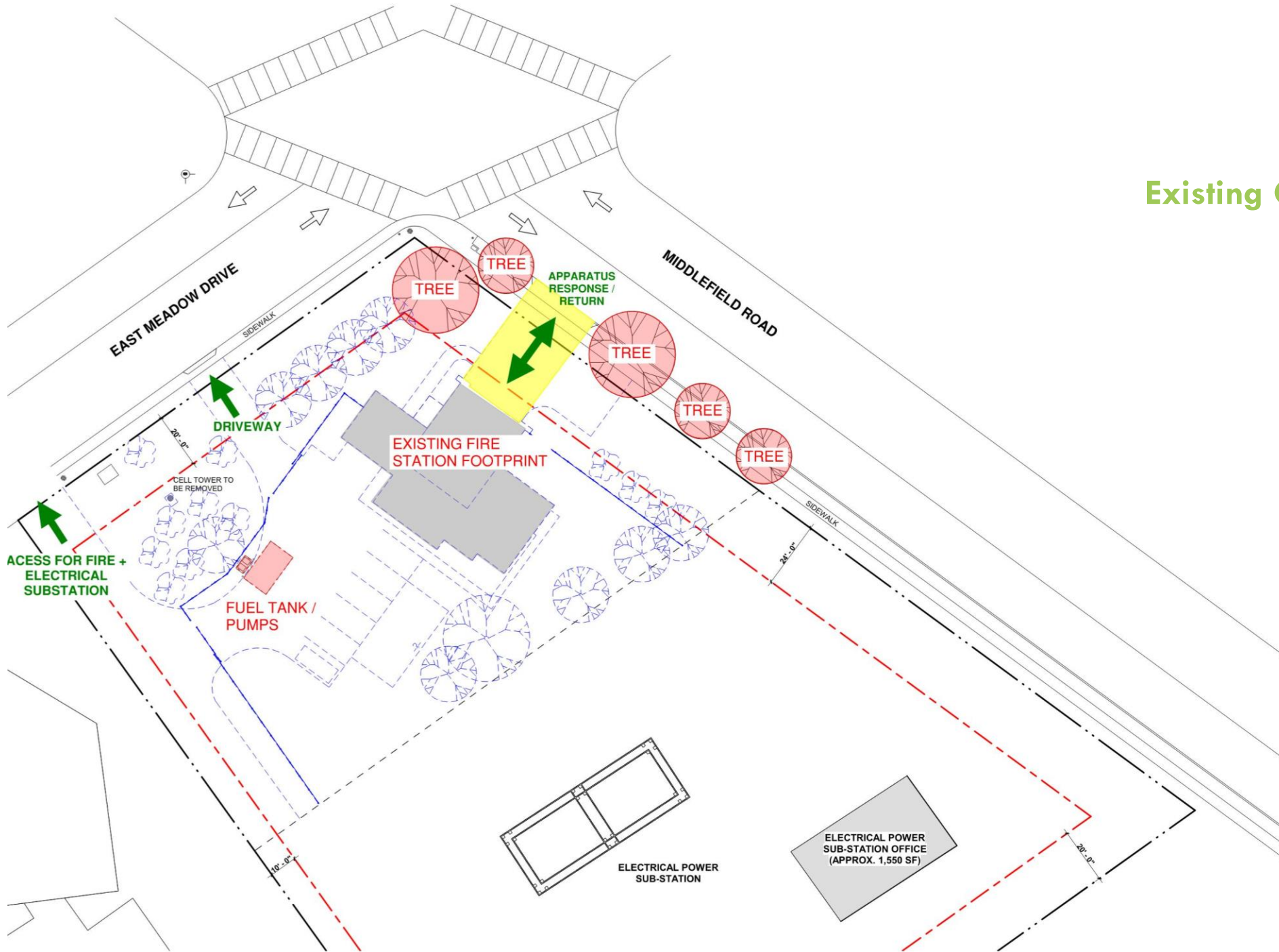
Palo Alto Fire Station No.4 Replacement Project

02 16 23 Palo Alto ARB Study Session

Goals of Today's Presentation:

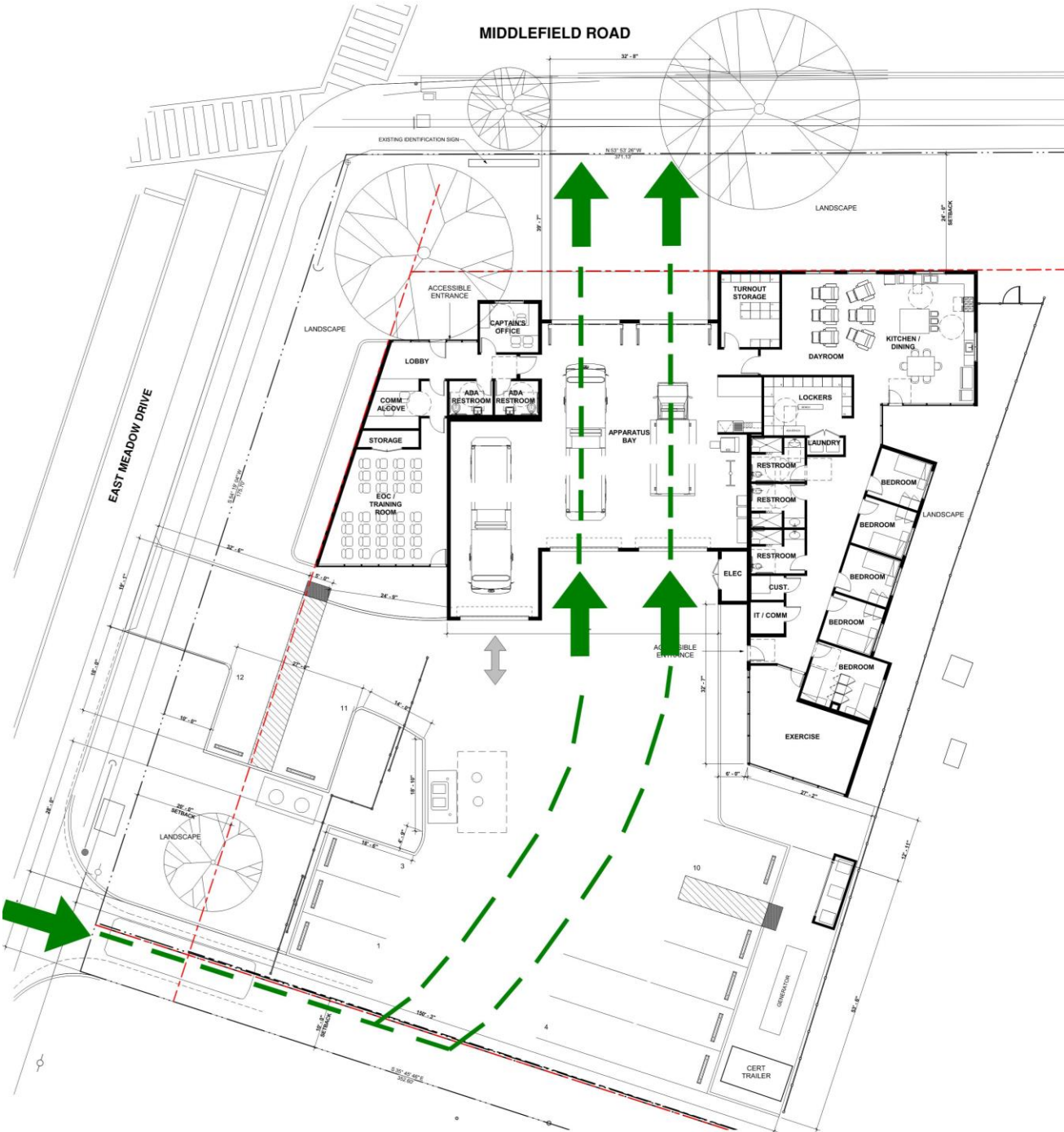
- Existing Condition / Site Constraints
- Fire Station Operational needs
- Building Arrangement
- Exterior Aesthetics / Material Selections

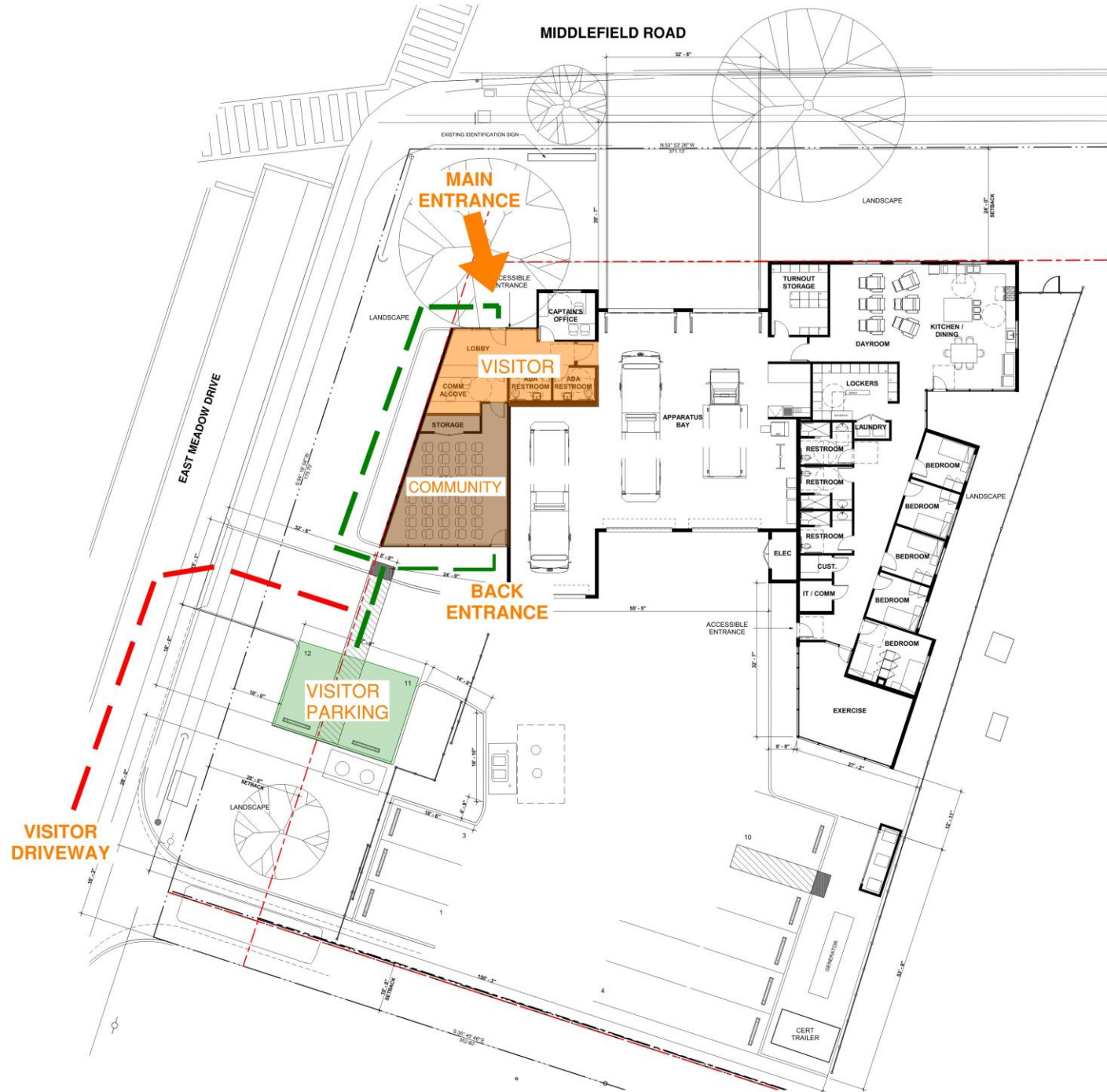
Existing Condition + Constraints



02

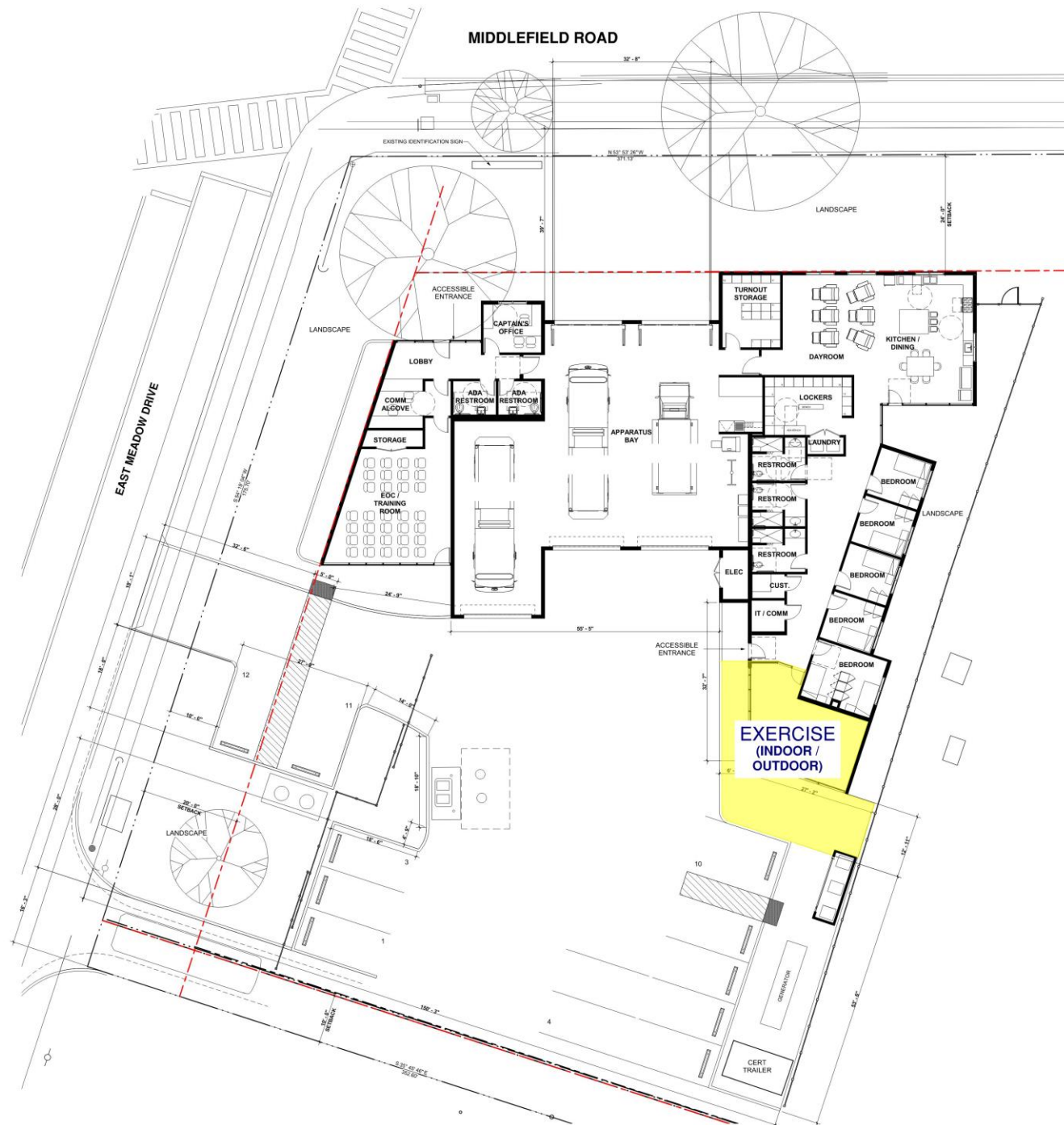
Emergency Apparatus Flow





05

EXERCISE





WHITE PLASTER
FASCIA AND VERTICAL
WOOD AESTHETIC
PORCELAIN CLADDING



WOOD AESTHETIC
SOFFIT



06

PROPOSED
EXTERIOR
AESTHETIC



06

PROPOSED
EXTERIOR
AESTHETIC



06

PROPOSED
EXTERIOR
AESTHETIC



REQUESTED ARB FEEDBACK:

- Building massing
- Site Planning
- Material Selection and aesthetic



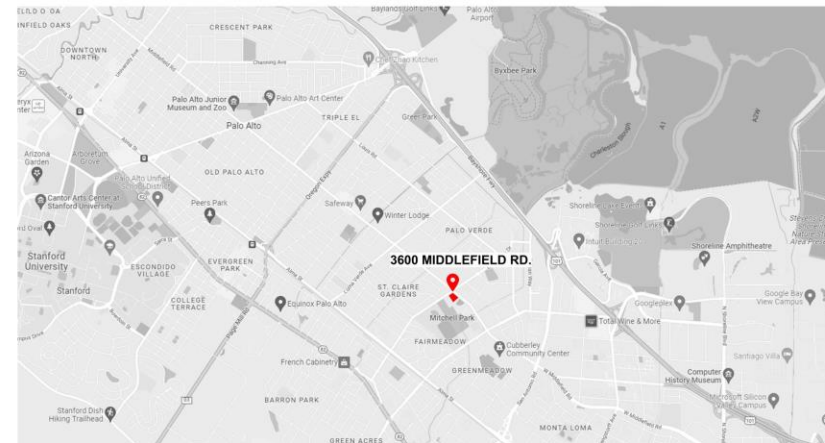
PALO ALTO FIRE STATION NO.4 REPLACEMENT PROJECT

OWNER CITY OF PALO ALTO
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CIVIL ENGINEER SANDIS
 636 9TH STREET
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VICINITY MAP

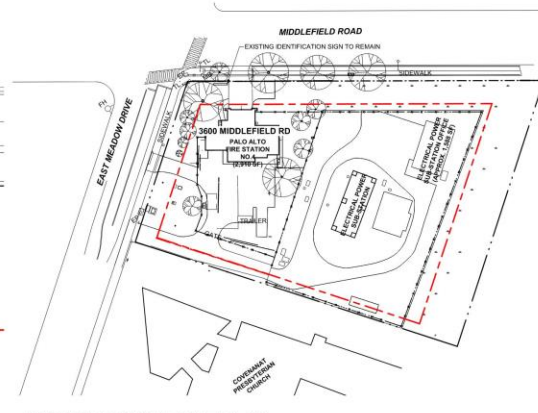
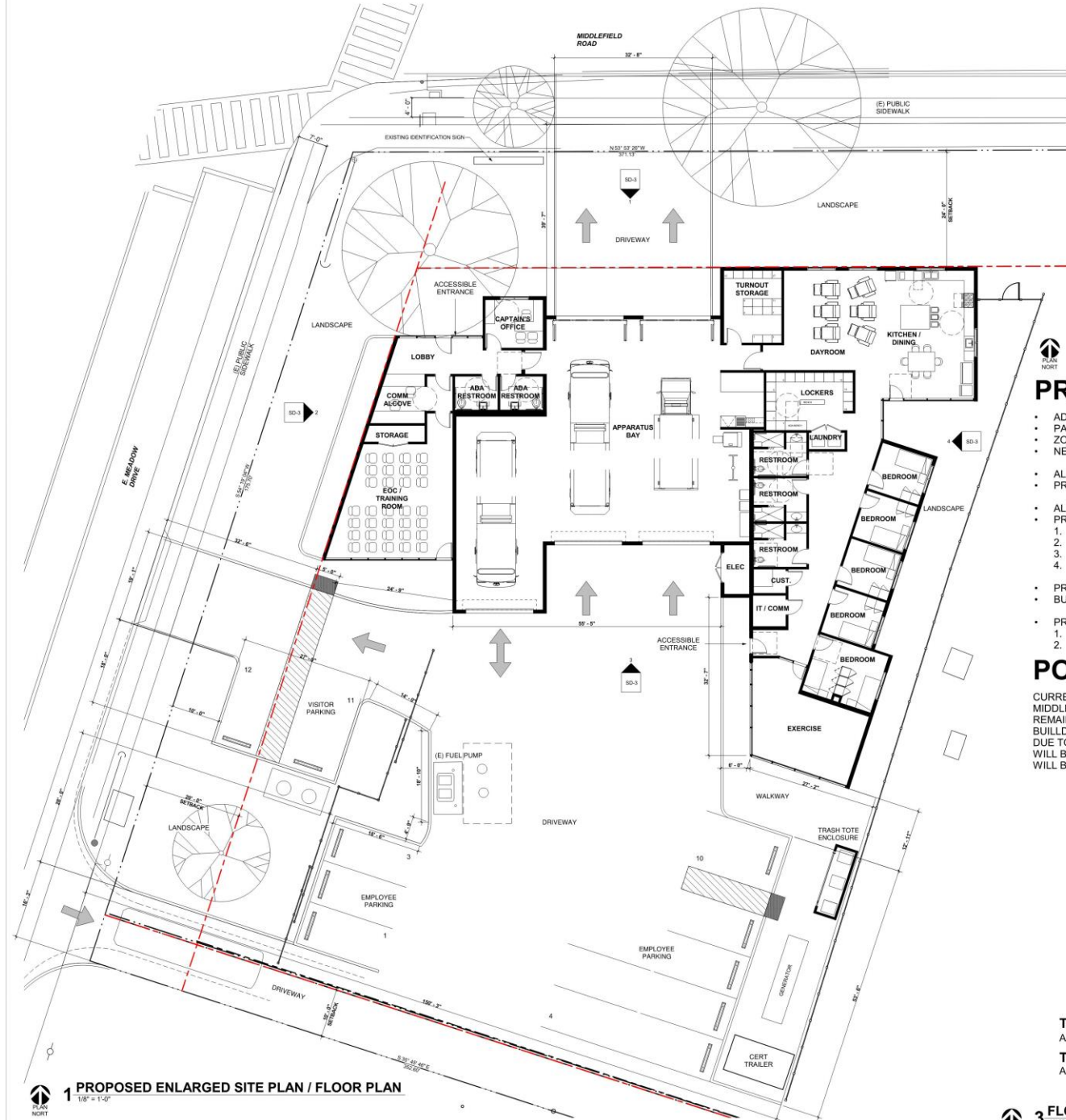


INDEX OF DRAWINGS

- SD-0 COVER SHEET
- SD-1 PROPOSED / EXISTING SITE PLAN
- SD-2 NEIGHBORHOOD CONTEXT
- SD-3 BUILDING ELEVATIONS
- SD-4 CONTEXTUAL STUDY
- SD-5 BUILDING STUDY
- T-1 SPECIAL TREE PROTECTION ISTRUCTION SHEET
- TOTAL SHEETS: 7

NOVEMBER 15, 2022





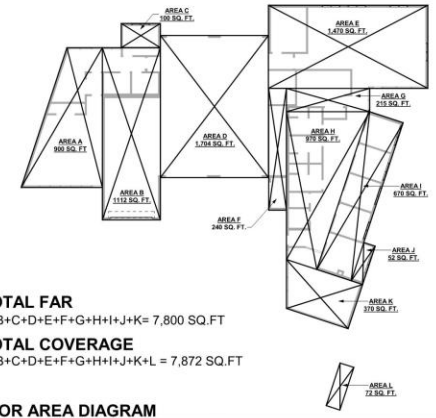
2 EXISTING PARCEL SITE PLAN
1" = 50'-0"

PROJECT DATA

- ADDRESS: 3600 MIDDLEFIELD ROAD PALO ALTO, CA 94303
- PARCEL #: 132-06-012
- ZONING DISTRICT: PF (PUBLIC FACILITIES)
- NET LOT AREA: 1.75 ACRES
- ALLOWABLE FAR: 1:1 = 100%
- PROPOSED FAR: 9,397 SQ. FT. / 76,230 SQ. FT. = 13%
- ALLOWABLE LOT COVERAGE: N/A
- PROPOSED LOT COVERAGE:
 1. EXISTING GROSS FLOOR AREA: 2,910 SQ. FT.
 2. EXISTING LOT COVERAGE: 2,910 SQ. FT.
 3. PROPOSED GROSS FLOOR AREA: 7,800 SQ. FT. (NOT INCLUDING SUB STATION)
 4. PROPOSED LOT COVERAGE: 7,872 SQ. FT. (NOT INCLUDING SUB STATION)
- PROPOSED BUILDING HEIGHT: 25'-0"
- BUILDING SET BACK: SEE DIMENSION ON PLAN
- PROPOSED PARKING: 12
 1. (2) VISITOR PARKING = (1) ADA VAN + (1) STANDARD
 2. (10) EMPLOYEE PARKING INCLUDING = (1) ADA VAN + (9) STANDARD

POTENTIAL LANDSCAPE CHANGES

CURRENTLY THERE ARE (14) EXISTING TREES ON SITE. THE (4) EXISTING TREES ALONG MIDDLEFIELD ROAD WILL REMAIN AS IS. THE LIQUIDAMBAR AT THE STREET CORNER WILL REMAIN AT ITS LOCATION BUT SIGNIFICANT PRUNING NEEDED FOR CLEARANCE FOR THE BUILDING EXPANSION. THE (4) LIQUIDAMBAR ALONG EAST MEADOW DRIVE WILL BE REMOVED DUE TO THEIR POOR CONDITION. THE BALANCE OF TREES ALONG EAST SEPARATION FENCE WILL BE REMOVED FOR BUILDING EXPANSION. REFER TO 1/SD-1 FOR LANDSCAPE AREAS THAT WILL BE FURTHER DEVELOPED BY THE LANDSCAPE ARCHITECT.



TOTAL FAR
A+B+C+D+E+F+G+H+I+J+K = 7,800 SQ. FT

TOTAL COVERAGE
A+B+C+D+E+F+G+H+I+J+K+L = 7,872 SQ. FT



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SD-1

PROPOSED / EXISTING
SITE PLAN

NOVEMBER 15, 2022



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SD-2

NEIGHBORHOOD
CONTEXT

NOVEMBER 15, 2022



1 EXTERIOR ELEVATION - NORTH
1/8" = 1'-0"



2 EXTERIOR ELEVATION - WEST
1/8" = 1'-0"



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



4 EXTERIOR ELEVATION - EAST
1/8" = 1'-0"



CONTEXTUAL ELEVATION - MIDDLEFIELD



CONTEXTUAL ELEVATION - EAST MEADOW



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CONTEXTUAL STUDY

NOVEMBER 15, 2022

SCHEMATIC DESIGN MASSING / MATERIALS



VERTICAL WOOD AESTHETIC CLADDING



B.O.D: PORCELANOSA

WOOD AESTHETIC SOFFIT



B.O.D: TRESPA

WHITE PLASTER VERTICAL CLADDING



ADDITIONAL MASSING STUDIES



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SD-5

BUILDING STUDY

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