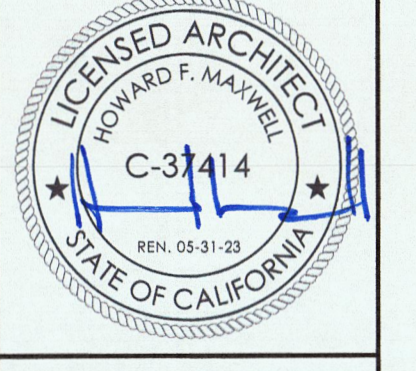




FACILITIES MANAGEMENT
 1 HARPST STREET
 ARCATA, CA 95521
 707 828-3646



SRC TURF REPLACEMENT
 REPLACE ARTIFICIAL GRASS - FIELDHOUSE - SRC 165
 STUDENT RECREATION CENTER (024C)

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS.
2. COMPLY WITH ALL REGULATIONS FOR CAL-OSHA SAFETY REGULATIONS. MEANS AND METHODS OF CONSTRUCTION INCLUDING SHORING, SCAFFOLDING, PERSONAL PROTECTIVE EQUIPMENT, ARE THE RESPONSIBILITY SOLELY OF THE CONTRACTOR.
3. SUBMIT REQUEST FOR INFORMATION (RFI) TO ARCHITECT FOR ANY QUESTIONS OR PROPOSED CHANGES TO THE WORK. SUBMIT PRODUCT DATA SHEETS FOR ALL PRODUCTS AND SYSTEM COMPONENTS. SUBMIT SHOP DRAWINGS FOR MOUNTING DEVICE AS NOTED ON PLAN.
4. WORK ONLY FROM APPROVED PERMITTED DRAWINGS AND APPROVED SUBMITTALS.
5. SUBMIT RECORD AS-BUILT DRAWINGS UPON SUBSTANTIAL COMPLETION.

SCOPE OF WORK

THE PROJECT IN SRC 165 - FIELDHOUSE INCLUDES REPLACEMENT OF THE INDOOR TURF.
 IMPROVEMENTS INCLUDE:
 • REMOVAL & STORAGE OF EXISTING WALL PADS / MATS (BY UNIVERSITY)
 • REMOVAL OF EXISTING ARTIFICIAL GRASS / TURF
 • PREPARATION OF EXISTING SUB-STRATE TO BE DETERMINED
 • INSTALLATION OF NEW ARTIFICIAL GRASS / TURF w/ SIDELINES PATTERN
 • RE-INSTALLATION OF EXISTING WALL PADS/ MATS (BY UNIVERSITY)
 THE PROJECT DOES NOT INCLUDE ANY CONCRETE DEMOLITION.

OCCUPANCY ANALYSIS

ALTHOUGH THE USE OF SRC 165 - FIELDHOUSE HAS NOT CHANGED SINCE THE 2005 RENOVATION, THE CALIFORNIA BUILDING CODE HAS. THE FOLLOWING ARE PROVIDED TO CLARIFY THE OCCUPANT LOADS LISTED FOR THIS SPECIFIC ROOM AND PROJECT.

OCCUPANCY TYPES - 2019 CBC - 303

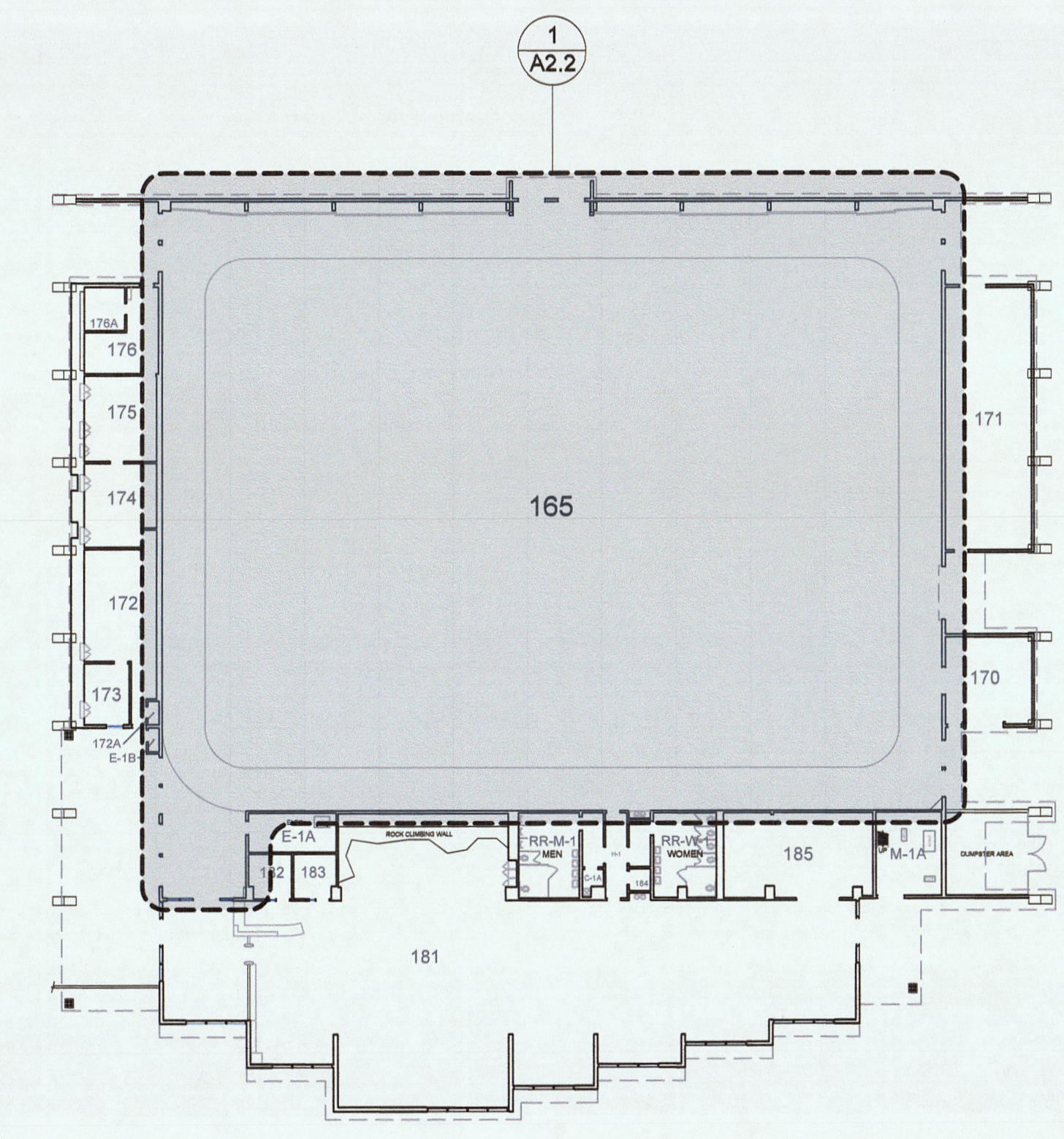
- A-3**
 Gymnasiums (without spectator seating)
 Indoor swimming pools (without spectator seating)
 Indoor tennis courts (without spectator seating)
- A-4**
 Gymnasiums with spectator seating
 Indoor swimming pools with spectator seating
 Indoor tennis courts with spectator seating

B
 Educational occupancies for students above the 12th grade

OCCUPANCY LOADS - 2019 CBC - 1004.5 and Table 1004.5

Assembly without fixed seats - concentrated - chairs only = 7 s.f. net per occupant
 Exercise rooms = 50 s.f. gross
 Skating rinks and swimming pools = 50 s.f. gross

OCCUPANCY CALCS:
 Assembly without fixed seats - concentrated - chairs only = 7 s.f. net per occupant // 24779 / 7 = 3,540
 Exercise rooms = 50 s.f. gross; Skating rinks and swimming pools = 50 s.f. gross // 25219 / 50 = 504
 Business @ 100 s.f. gross // 25219 / 100 = 252 — closer to what 2005 analysis states



STUDENT RECREATION CENTER

NOT TO SCALE

CAL POLY HUMBOLDT

APPLICABLE CODES & STANDARDS FOR PROJECT:

- TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS**
 2019 CALIFORNIA ADMINISTRATIVE CODE Title 24, Pt 1
 2019 CALIFORNIA BUILDING CODE (CBC) Title 24, Pt 2
 2019 CALIFORNIA ELECTRICAL CODE (CEC) Title 24, Pt 3
 2019 CALIFORNIA MECHANICAL CODE (CMC) Title 24, Pt 4
 2019 CALIFORNIA PLUMBING CODE (CPC) Title 24, Pt 5
 2019 CALIFORNIA ENERGY CODE CEC Title 24, Pt 6
 2019 CALIFORNIA FIRE CODE (CFC) CCR Title 24, Pt 9
 2019 CALIFORNIA GREEN BUILDING STANDARDS Title 24, Pt 11
 2019 CALIFORNIA REFERENCED STANDARDS Title 24, Pt 12
- per 2019 CBC, Volume 2, Chapter 38:**
 2016 NFPA 13, SPRINKLER SYSTEMS (CA amended)
 2016 NFPA 14, STANDPIPE & HOSE (CA amended)
 2016 NFPA 20, PUMPS FOR FIRE PROTECTION (CA amended)
 2016 NFPA 24, FIRE SERVICE MAINS (CA amended)
 2016 NFPA 72, FIRE ALARM CODE (CA amended)

STUDENT RECREATION CENTER

HSU BLDG #024C, CSFM #: 18-12-01-0001-00069

OCCUPANCY CLASSIFICATION & USE:	A-3 GYMNASIUM A-4 INDOOR SPORTING EVENT
CONSTRUCTION TYPE:	TYPE VA - 1 HOUR
YEAR CONSTRUCTED, APPROX:	1959
LAST RENOVATION:	2005
NUMBER OF STORIES:	1
BUILDING HEIGHT:	± 27 FT
1st FLOOR AREA:	37,223 SF
MECHANICAL @ MEZZANINE:	1,791 SF
BUILDING AREA (TOTAL):	39,014 SF, GROSS AREA PER METABIM
NON-SEPARATED USE:	NON-SEPARATED
ALLOWABLE AREA PER (CBC):	N/A (NO CHANGE)
AREA INCREASE:	N/A (NO CHANGE)
HEIGHT INCREASE:	N/A (NO CHANGE)
FIRE SPRINKLERS:	YES (NO CHANGE)
FIRE ALARM:	YES, AUTOMATIC (NO CHANGE)
OTHER FIRE PROTECTION SYSTEMS:	PORTABLE FIRE EXTINGUISHERS & HOSES
1st FLOOR OCCUPANT LOAD:	3,829 OCCUPANTS
MECHANICAL OCCUPANT LOAD:	8 OCCUPANTS
BUILDING OCCUPANT LOAD (TOTAL):	3,835 OCCUPANTS
(OCCUPANT LOADS CALCS PER 2019 CBC T1004.5)	
HIGH FIRE HAZARD SEVERITY ZONE:	NO
SEISMIC JOINTS:	NO
EMERGENCY RESPONDER RADIO:	N/A

PROJECT CONTACTS

PLANNING, DESIGN & CONSTRUCTION	CONSTRUCTION MANAGEMENT
ARCHITECT OF RECORD HOWARD MAXWELL (707) 828-3646 howard.maxwell@humboldt.edu	BRUCE RYAN Office: (707) 828-5904 Mobile: (707) 599-6483 Fax: (707) 828-5888 bruce.ryan@humboldt.edu
DRAFTING TECHNICIAN II KAY BRADFORD (707) 828-5907 kay.bradford@humboldt.edu	DREW BARRETT Office: (707) 828-5902 Mobile: (707) 834-9100 Fax: (707) 828-5888 Drew.Barrett@humboldt.edu

For field inspections, contact:
 Deputy Wilson at 707-317-4112
 to schedule appointments

DRAWING INDEX

- A0.1 — SCOPE OF WORK, PROJECT DATA; EGRESS PLAN, F.E. DISTANCE PLAN (this sheet)
- A2.1 — DEMOLITION PLAN
- A2.2 — PROPOSED FLOOR PLAN
- A5.1 — NORTH INTERIOR ELEVATION + KEY PLAN REFERENCE FOR MATS RE-INSTALLATION
- A8.1 — DETAILS

STATUS CONSTRUCTION DOCUMENTS

BUILDING PERMIT APPROVAL:
 This project has demonstrated conformance with applicable codes and standards established by statute and University policy. Based on this determination these documents are APPROVED FOR CONSTRUCTION.
 KASSIOP PANDOUCI
 Campus Deputy Building Official
 Cal Poly Humboldt
 The California State University
 Date: 03-24-2022
 Permit #: 2021122-05
 Other approvals, as applicable:
 SFM Approval: 22-N-10930-P1
 DBA Access Approval:
 Seismic Peer Review:

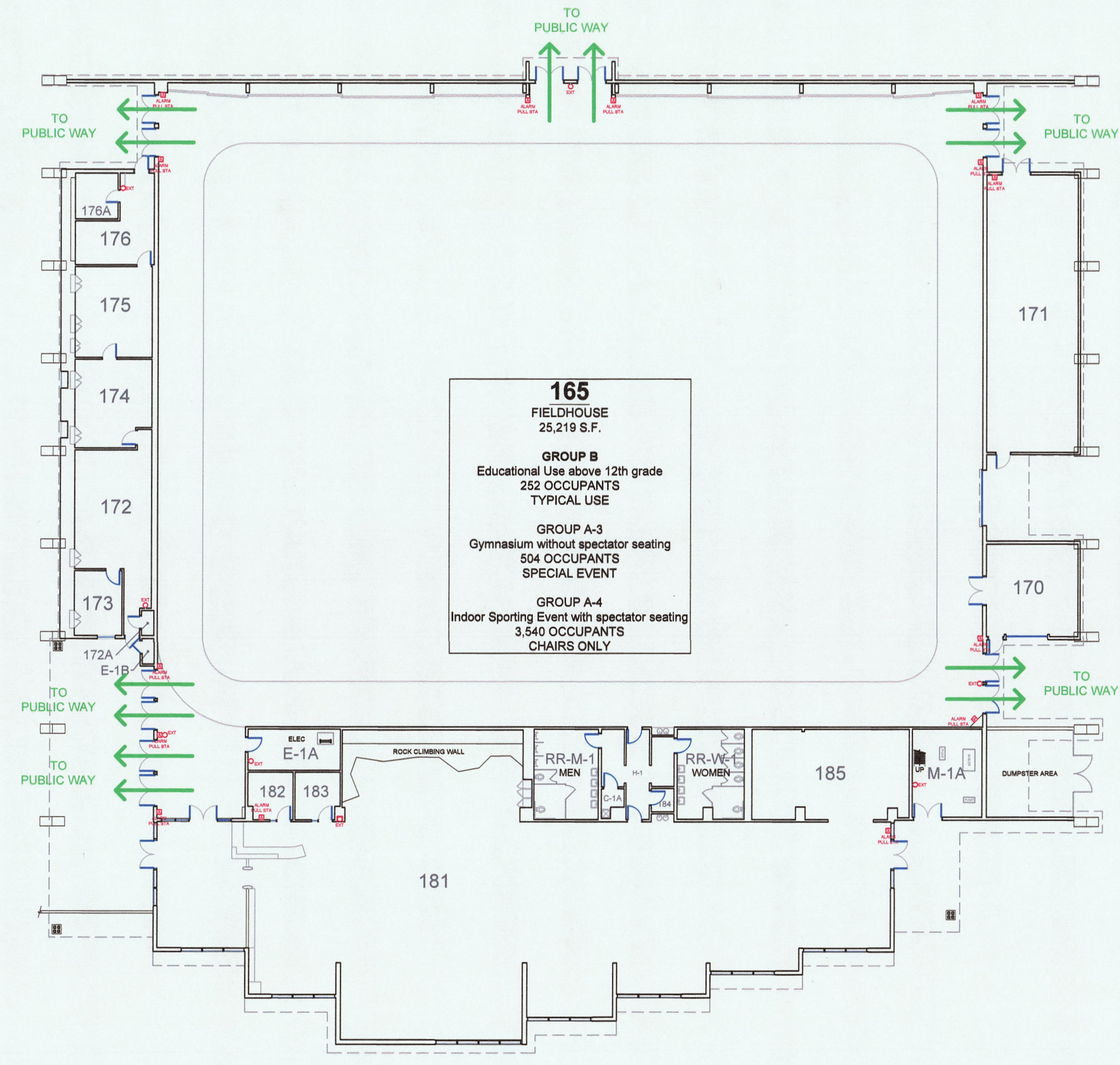
CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Steve Wilson 3-23-22
 Reviewed by Steve Wilson

PROJECT #: XPL285
W.O. #:
DRAWN BY: CKB

ISSUE DATE: MAR. 22, 2022
REV:

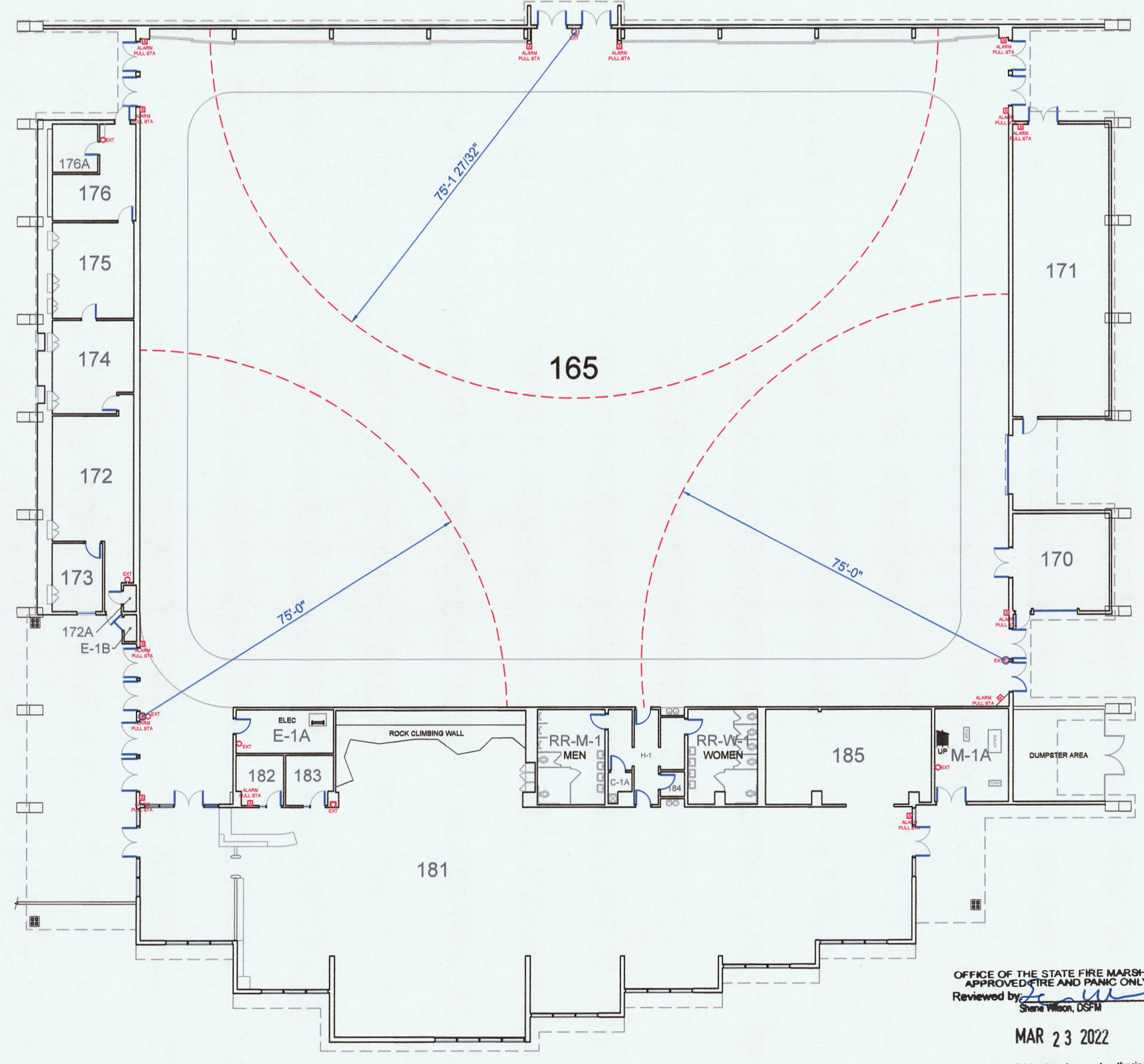
SHEET TITLE
 SCOPE OF WORK, PROJECT DATA, EGRESS PLAN

SHEET
A0.1
 1 of 5 sheets



2 SRC 165 PLAN w/ MEANS OF EGRESS

SCALE: 1" = 20' - 0"



1 SRC 165 PLAN w/ FIRE EXTINGUISHER DISTANCES

SCALE: 1" = 20' - 0"

OFFICE OF THE STATE FIRE MARSHAL
 APPROVED FOR FIRE AND PANIC ONLY
 Reviewed by Steve Wilson, USFM
 MAR 23 2022

Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

NOTE:
 LOCATIONS SHOWN OF FIRE EXTINGUISHERS & ALARM PULL STATIONS ARE EXISTING;
 BUILDING IS FULLY SPRINKLERED. NO CHANGE IN OCCUPANCY OR AREA(S) SERVED.

NOTE:
 NO CHANGE IN OCCUPANCY OR USE IN PROJECT AREA.



FACILITIES MANAGEMENT
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ARCATA, CA 95521
707 826-3646



SRC TURF REPLACEMENT
REPLACE ARTIFICIAL GRASS - FIELDHOUSE - SRC 165
STUDENT RECREATION CENTER (024C)

STATUS
CONSTRUCTION DOCUMENTS

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KASSIDY BANDUCCI
Campus Design Building Official
Cal Poly Humboldt
The California State University
Date: 02-24-2022
Permit #: 2021/22-05

Other approvals, as applicable:
IFM Approval: _____
DSA Access Approval: _____
Seismic Peer Review: _____
Other: _____

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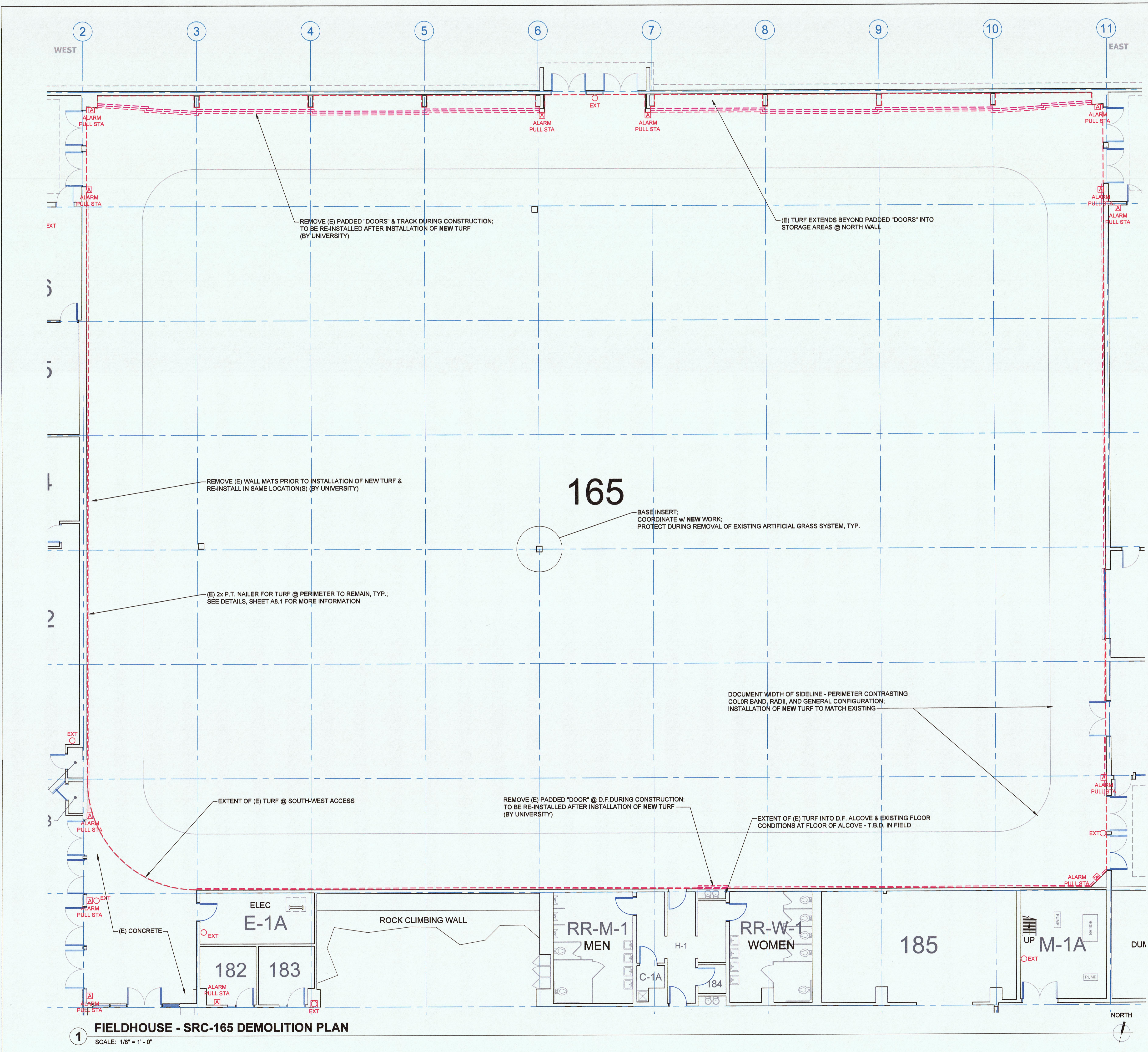
Reviewed by: *[Signature]*

PROJECT #: XPL285
W.O. #: _____
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ISSUE DATE: MAR. 22, 2022
REV: _____

SHEET TITLE
DEMOLITION PLAN

SHEET
A2.1
2 of 5 sheets



- DEMOLITION NOTES:**
- UNIVERSITY TO REMOVE AND STORE ALL EXISTING ITEMS TO LOCATIONS AS DIRECTED.
 - UNIVERSITY TO REMOVE ALL EXISTING WALL PADS FROM WALLS AS NOTED; RETAIN & RE-INSTALL PER EXISTING LAYOUT.
 - UNIVERSITY TO REMOVE SLIDING DOOR ASSEMBLY & TRACK; RETAIN & RE-INSTALL PER EXISTING LAYOUT.
 - CONTRACTOR & UNIVERSITY TO HAVE A COORDINATION MEETING PRIOR TO REMOVAL OF TURF. UNIVERSITY PROJECT MANAGER TO SCHEDULE.

1 FIELDHOUSE - SRC-165 DEMOLITION PLAN
SCALE: 1/8" = 1' - 0"



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SRC TURF REPLACEMENT
REPLACE ARTIFICIAL GRASS - FIELDHOUSE - SRC 165
STUDENT RECREATION CENTER (024C)

STATUS
CONSTRUCTION DOCUMENTS

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Kassidy Randocti
KASSIDY RANDOCTI
Campus Deputy Building Official
Cal Poly Humboldt
The California State University
Date: 03-24-2022
Permit #: 2021/22-05

Other approvals, as applicable:
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DSA Access Approval: _____
Seismic Peer Review: _____
Other: _____

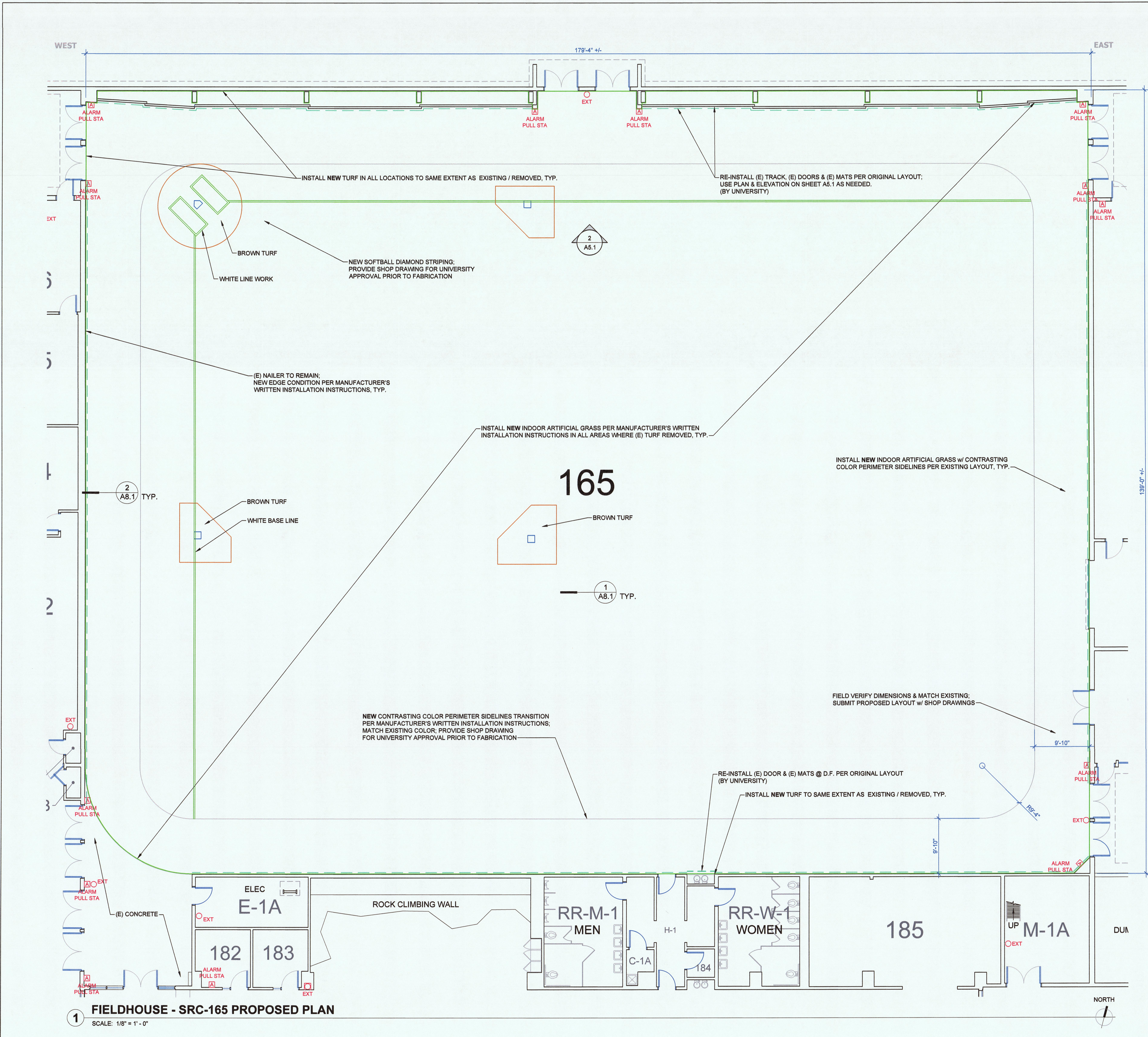
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Shane Wilson 3/23/22
Reviewed by: *Shane Wilson*

PROJECT #: XPL285
W.O. #: _____
DRAWN BY: CKB

ISSUE DATE: MAR. 22, 2022
REV: _____

SHEET TITLE
PROPOSED FLOOR PLAN

SHEET
A2.2
3 of 5 sheets

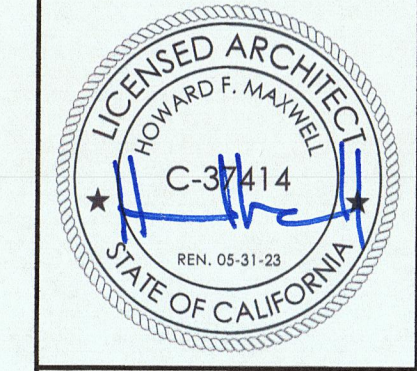


- FLOOR PLAN NOTES:**
1. INSPECT EXISTING SUBGRADE & PREP PER MANUFACTURER'S RECOMMENDATION PRIOR TO FIELD INSTALLATION.
 2. INSPECT EXISTING EDGE NAILER PRIOR TO TURF INSTALL. REPLACE ANY DAMAGED BOARDS TO MATCH EXISTING.
 3. RE-INSTALL TRACK & SLIDING DOORS WITH PADS. (BY UNIVERSITY)
 4. RE-INSTALL PADS AT PERIMETER WALLS. (BY UNIVERSITY)

1 FIELDHOUSE - SRC-165 PROPOSED PLAN
SCALE: 1/8" = 1' - 0"



FACILITIES MANAGEMENT
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SRC TURF REPLACEMENT
REPLACE ARTIFICIAL GRASS - FIELDHOUSE - SRC 165
STUDENT RECREATION CENTER (024C)

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[Signature]
KASSIDY BANDOCCI
Campus Deputy Building Official
Cal Poly Humboldt
The California State University
Date: 03-24-2022
Permit #: 2021/22-05

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SFM Approval: _____
DSA Access Approval: _____
Seismic Peer Review: _____
Other: _____

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[Signature]

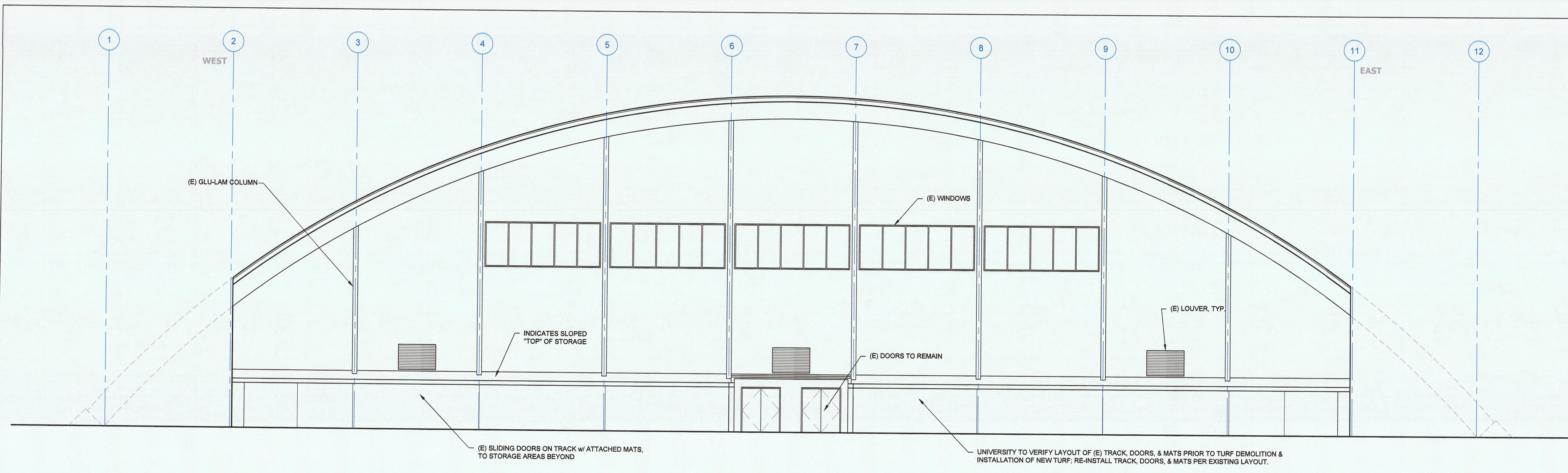
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W.O. #: _____
DRAWN BY: CKB

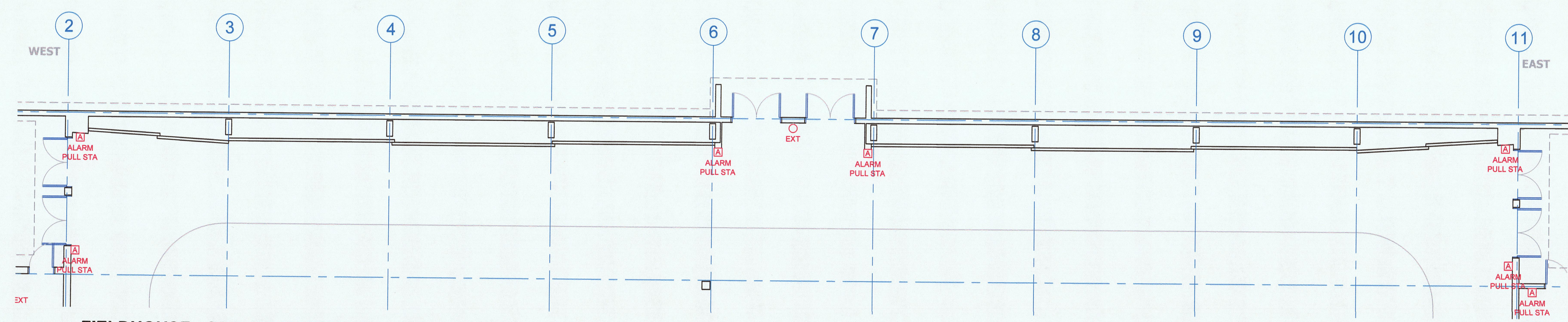
ISSUE DATE: MAR. 22, 2022
REV: _____

SHEET TITLE
NORTH ELEVATION w/ MAT / DOORS INSTALLATION KEY PLAN

SHEET
A5.1
4 of 5 sheets



2 STUDENT RECREATION CENTER - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



1 FIELDHOUSE - SRC-165 NORTH WALL - KEY PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN PROVIDED TO DOCUMENT LAYOUT OF (E) TRACK, DOORS, & MATS PRIOR TO TURF DEMOLITION AND TO AID IN RE-INSTALLATION OF TRACK, DOORS, & MATS PER EXISTING LAYOUT.



**FACILITIES
MANAGEMENT**
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SRC TURF REPLACEMENT
REPLACE ARTIFICIAL GRASS - FIELDHOUSE - SRC 165
STUDENT RECREATION CENTER (024C)

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[Signature]
KASSIDY SANDUCCI
Campus Deputy Building Official
Cal Poly Humboldt
The California State University
Date: 03.24.2022
Permit #: 2021/22-05

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Seismic Peer Review: _____
Other: _____

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Reviewed by: *[Signature]*

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W.O. #: _____
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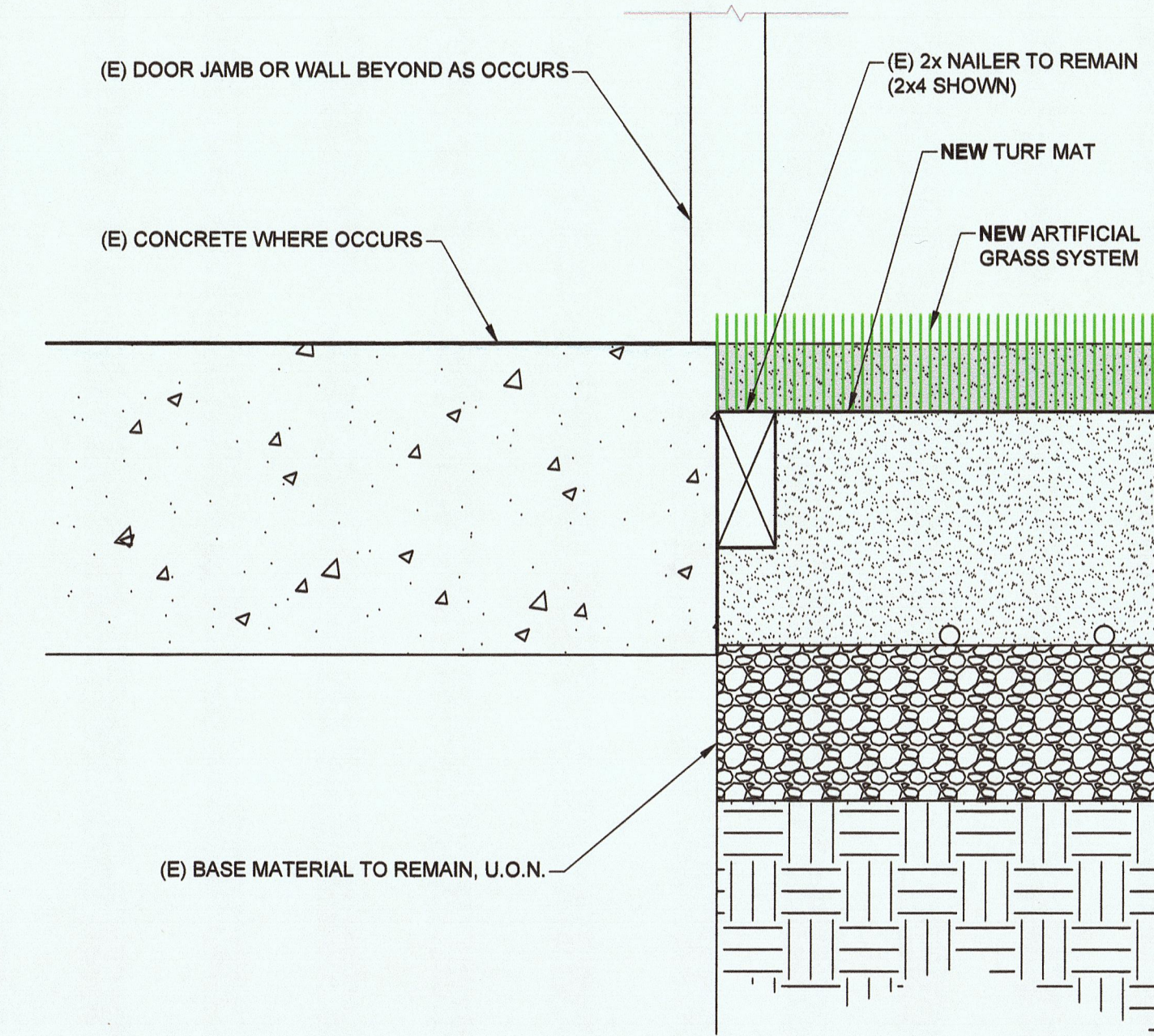
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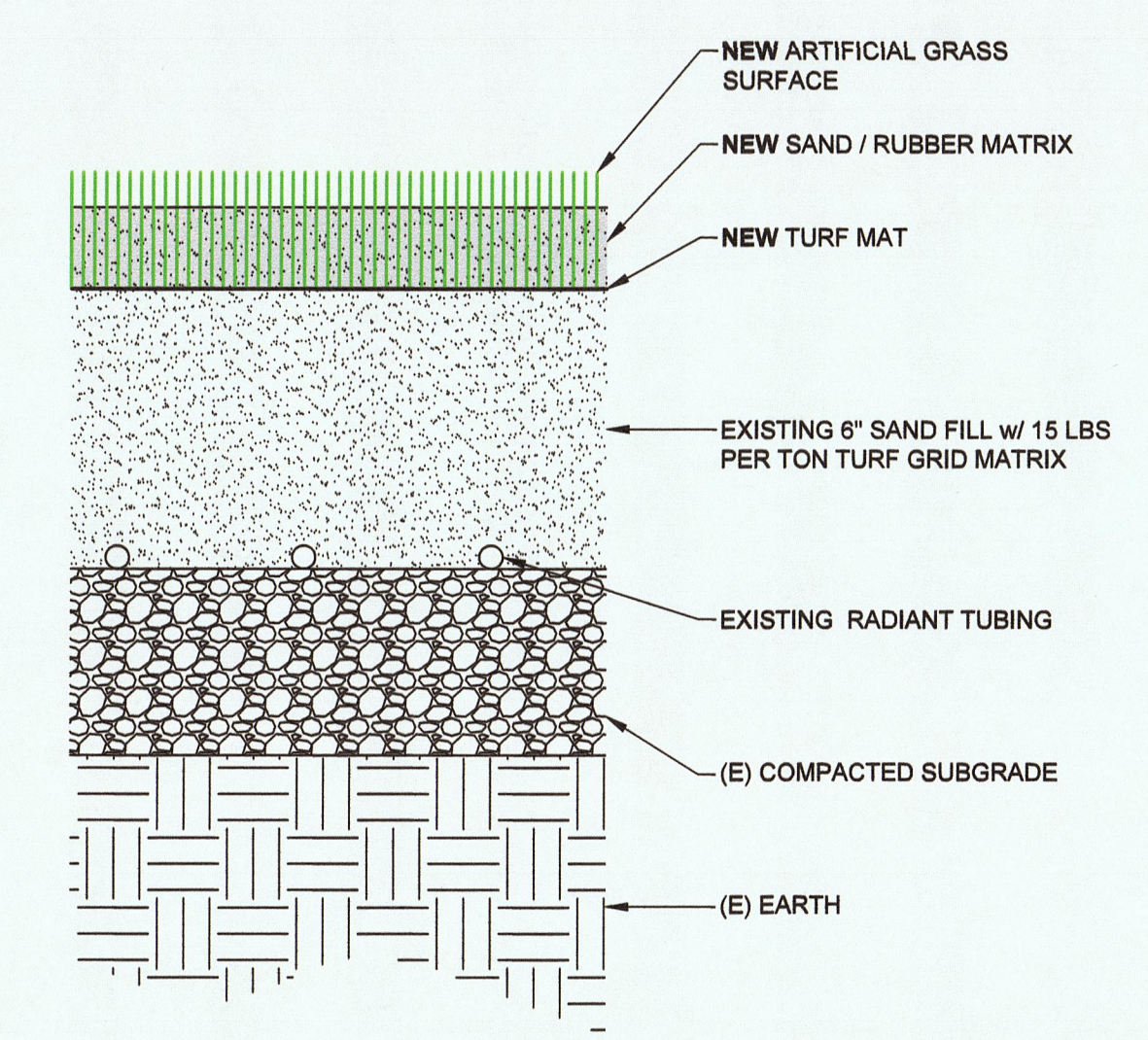
DETAILS

SHEET

A8.1
5 of 5 sheets



2 EXISTING NAILER DETAIL
SCALE: 3" = 1' - 0"



1 EXISTING TURF DETAIL
SCALE: 3" = 1' - 0"