GRADUATE SCHOOL OF EDUCATION: ASA APPLICATION

STANFORD PROJECT # 5363 BLDG ID GSE North Building (03-300), Barnum (03-050), & GSE South Building (03-320) PARCEL # 142-07-085, 142-07-082, & 142-07-087 485, 505 & 507 LASUEN MALL, STANFORD, CA 93405

142 PAGE 7

OF COUNTY ASSESSOR —— SANTA CLARA COUNTY, CALIFORNIA

GRADUATE

SCHOOL OF

EDUCATION

BUILDING

507 LASUEN MALL



92,394 GSF

7,376 GSF

3,938 GSF

103,708 GSF

94,495 GSF

60,052 GSF

3,938 GSF

158,485 GSF

54,777 GSF

METHOD 2 (GUP)

7,198 SF

3,485 SF

98,867 SF

146,998 SF

48,131 SF

455 LAMBERT AVENUE PALO ALTO, CA 94306

WILLIAM RAWN ASSOCIATES | Architects, Inc

CONSULTANTS

MILESTONE DATE ASA SUBMISSION 12/07/2020 ASA RESUBMISSION 08/20/2021 ASA RESUBMISSION 11/19/2021

PROJECT DESCRIPTION

MAJOR RENOVATION AND HISTORIC REHABILITATION OF AN EXISTING REINFORCED CONCRETE AND

THE CONSTRUCTION OF A NEW FOUR STORY STEEL-FRAMED OFFICE AND CLASSROOM BUILDING

ADJACENT ON THE SAME SITE. BOTH STRUCTURES WILL BE FULLY SPRINKLED AND HAVE NEW

SITE DATA INFORMATION

SITE AREA:

DEMOLITION AREA:

BUILDING FOOTPRINT:

GUP SQUARE FOOTAGE ANALYSIS

PROJECT TOTALS

PROJECT TOTALS

PROJECT NET ADDITIONAL

SEE SHEETS NA0.1 THROUGH SHEET SA0.2 FOR DETAILED ANALYSIS

GRADUATE SCHOOL OF EDUCATION NORTH BLDG

GRADUATE SCHOOL OF EDUCATION NORTH BLDG

GRADUATE SCHOOL OF EDUCATION SOUTH BLDG.

EXISTING TO BE DEMOLISHED

EXISTING TO REMAIN

EXISTING CONDITIONS:

PROPOSED CONDITION:

ACADEMIC

PROJECT NAME

SHEET TITLE

PROJECT NO. 17013

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GRADUATE SCHOOL OF

EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

ASA SUBMITTAL COVER

SHEET

PROJECT DIRECTORY

Stanford University			
340 Bonair Siding	Mike Mithen	Project Manager	mithen@stanford.edu
Stanford, CA 94305			
Phone: 650.996.6754			
<u>Architect</u>			
CAW Architects, Inc.			
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Palo Alto, CA 94306	Mousam Adcock	Project Manager	mousam@cawarchitects.com
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William Rawn Associates, Architect	s, Inc.		
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Landscape Engineer SWA			

2200 Bridgeway Boulevard jwong@swagroup.com PO Box 5904 whynes@swagroup.com Sausalito, CA 94966 Phone: 415.332.5100

Civil Engineer BKF Engineers 4670 Willow Road, Suite 250

Pleasanton, CA 94588 Phone: 925.396.7700 Chelsea Mudgett

jlamon@bkf.com sreynolds@bkf.com Project Engineer cmudgett@bkf.com

Suite 1010

ASA RESUBMISSION 02/15/2022

APN #1; PARCEL SIZE (WITHIN LIMITS OF WORK): APN #2: PARCEL SIZE (WITHIN LIMITS OF WORK) APN #3; PARCEL SIZE (WITHIN LIMITS OF WORK): **DEVELOPMENT DISTRICT:** LAND USE DESIGNATION:

142-07-087; 0.30 ACRES SB: 17,369 SF | NB: 24,671 SF 3.07 ACRES 0.13 ACRES

SHEET INDEX - ASA

EXISTING CONDITIONS

NB GUP ANALYSIS EXISTING

2ND FLOOR DEMOLITION PLAN

EXTERIOR ELEVATIONS - DEMOLITION

EXTERIOR ELEVATIONS - DEMOLITION EXTERIOR ELEVATIONS - DEMOLITION

ENLARGED EXTERIOR ELEVATIONS

PROPOSED GRADING PLAN

STORMWATER MANAGEMENT PLAN

SECTIONS

FIRE TRUCK ACCESS

ASA SUBMITTAL COVER SHEET

CAMPUS FIRE RESPONSE ROUTES

DEMOLITION, TREE PROTECTION,

DEMOLITION, TREE PROTECTION,

IRRIGATION NOTES AND LEGEND

REMOVAL, AND RELOCATION PLAN

FIRE TRUCK TURNAROUND

EROSION CONTROL PLAN EROSION CONTROL PLAN

CIVIL DETAILS CIVIL DETAILS

CIVIL DETAILS

CIVIL DETAILS

PLANTING NOTES

IRRIGATION PLAN IRRIGATION DETAILS

IRRIGATION DETAILS

IRRIGATION DETAILS

NB BASEMENT FLOOR PLAN

NB SECOND FLOOR PLAN NB THIRD FLOOR PLAN

SB FIRST FLOOR PLAN

SB THIRD FLOOR PLAN SB FOURTH FLOOR PLAN

NB ROOF PLAN

SB ROOF PLAN

STREET SECTIONS

SITE ELEVATIONS

NB NORTH AND NORTHERN

COURTYARD ELEVATIONS

NB SOUTH AND SOUTHERN

COURTYARD ELEVATIONS

SB EAST AND WEST ELEVATIONS

SB NORTH AND SOUTH ELEVATIONS

SITE SECTIONS **EXTERIOR RENDERS**

Sheet Count: 85

PLANTING PLAN

LANDSCAPE

HORIZONTAL CONTROL PLAN

GENERAL

EX2.00

SA0.3

C5.02

ABOVE GRADE: BELOW GRADE:

NORTH BUILDING		SOUTH BUILDIN	NG & BARNUM		
OCCUPANCY TYPE: A-3 ALL F B ALL F S-2 BASE		OCCUPANCY T A-3 B	FOURTH FLOO	DR	
TYPE OF CONSTRUCTION NORTH BUILDING:	TION: IIIB	TYPE OF CONS		BARNUM:	VB, UNRATE
STRUCTURE RATING 2 HR FIRE-RATED EXT 0 HR RATED STRUCTO	T. LOAD BEARING WALLS,	STRUCTURE R. SOUTH BUILDIN		BARNUM:	NONE
FIRE SPRINKLER:	YES	FIRE SPRINKLE	R: YES		
BUILDING HEIGHT:	56'	BUILDING HEIG SOUTH BLDG		'2" BARNUM :	30'9"
ALLOWABLE HEIGHT	: 65'	ALLOWABLE HI SOUTH BLDG:		BARNUM:	60'
BUILDING AREAS: NORTH BUILDING: BASEMENT FIRST FLOOR: SECOND FLOOR:	27,659 24,671 25,100	BUILDING AREA SOUTH BUILDIN FIRST FLOOR: SECOND FLOOR	<u>IG:</u> 17,412		

CODE INTERPRETATIONS

NORTH BUILDING		SOUTH BUILDING & BARNUM				
ALL FLC	OORS	A-3	FOURT		ı	
TRUCTION	ON: IIIB				BARNUM:	VB, UNRA
					BARNUM:	NONE
R:	YES	FIRE SPRINKLE	R:	YES		
НТ:	56'			56'-6 1/2"	BARNUM:	30'9"
EIGHT:	65'	ALLOWABLE HE SOUTH BLDG:	EIGHT:	65'	BARNUM:	60'
R:	24,671 25,100	SOUTH BUILDIN FIRST FLOOR: SECOND FLOOF THIRD FLOOR:	<u>IG:</u> R:	16,683 16,683	BASEMENT:	
	/PE: ALL FLC ALL FLC BASEMI TRUCTIC G: ATING: D EXT. L RUCTUR R: HT: HT: G: G:	/PE: ALL FLOORS EXCEPT THIRD ALL FLOORS BASEMENT TRUCTION: G: IIIB ATING: D EXT. LOAD BEARING WALLS, RUCTURAL FRAME R: YES HT: 56' S: G: 27,659 24,671 E: 25,100	ALL FLOORS EXCEPT THIRD A-3 ALL FLOORS BASEMENT TRUCTION: TYPE OF CONS G: IIIB SOUTH BUILDIN ATING: D EXT. LOAD BEARING WALLS, RUCTURAL FRAME R: YES FIRE SPRINKLE HT: 56' BUILDING HEIG SOUTH BLDG: S: G: G: 27,659 24,671 E: 25,100 17,065 FIRST FLOOR: THIRD FLOOR:	ALL FLOORS EXCEPT THIRD ALL FLOORS BASEMENT TRUCTION: G: IIIB XTING: D EXT. LOAD BEARING WALLS, RUCTURAL FRAME R: YES HT: 56' BUILDING HEIGHTS: SOUTH BUILDING: ALLOWABLE HEIGHT: SOUTH BUILDING: ALLOWABLE HEIGHT: SOUTH BUILDING: FIRE SPRINKLER: BUILDING AREAS: SOUTH BUILDING: ALLOWABLE HEIGHT: SOUTH BLDG: ALLOWABLE HEIGHT: SOUTH BUILDING: FIRE SPRINKLER: FIRE SPRINKLER:	CPE: ALL FLOORS EXCEPT THIRD A-3 FOURTH FLOORS BASEMENT TRUCTION: TYPE OF CONSTRUCTION: G: IIIB ATING: D EXT. LOAD BEARING WALLS, RUCTURAL FRAME R: YES FIRE SPRINKLER: FIRE SPRINKLER: SOUTH BLDG 56'-6 1/2" ALLOWABLE HEIGHT: SOUTH BLDG: 65' BUILDING AREAS: SOUTH BUILDING: 17,412 SOUTH BUILDING: 16,683 17,065 THIRD FLOOR: 16,683	ALL FLOORS EXCEPT THIRD ALL FLOORS BASEMENT TRUCTION: G: IIIB SOUTH BUILDING: 1 HR BARNUM: TYPE OF CONSTRUCTION: G: VES BARNUM: STRUCTURE RATING: D EXT. LOAD BEARING WALLS, RUCTURAL FRAME R: YES FIRE SPRINKLER: SOUTH BLOG BUILDING HEIGHTS: SOUTH BLOG SOUTH BLOG FIRE SPRINKLER: SOUTH BLOG FIRE SPRINKLER: SOUTH BLOG FIRE SPRINKLER: SOUTH BLOG FIRE SPRINKLER: BUILDING AREAS: SOUTH BUILDING: SE: BUILDING AREAS: SOUTH BUILDING: BARNUM: BA

ALLOWABLE AREA: SEPARATED OCCUPANCIES

A (FOURTH FLOOR): 25,420 SF

B (FLOORS 1-3): 61,500 SF

GRADUATE SCHOOL

OF EDUCATION

NORTH BUILDING

485 LASUEN MALL

ASSESSOR'S PARCEL MAP: NTS

SITE AREA PLAN: NTS

AA0.0

GUP INFORMATION MAP

-PROPOSED SITE



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MILESTONE	DATE
ASA SUBMISSION	7/15/2021
ASA RESUBMITTAL	8/20/2021
ASA RESUBMITTAL	2/15/2022

PROJECT NAME

STANFORD UNIVERSITY

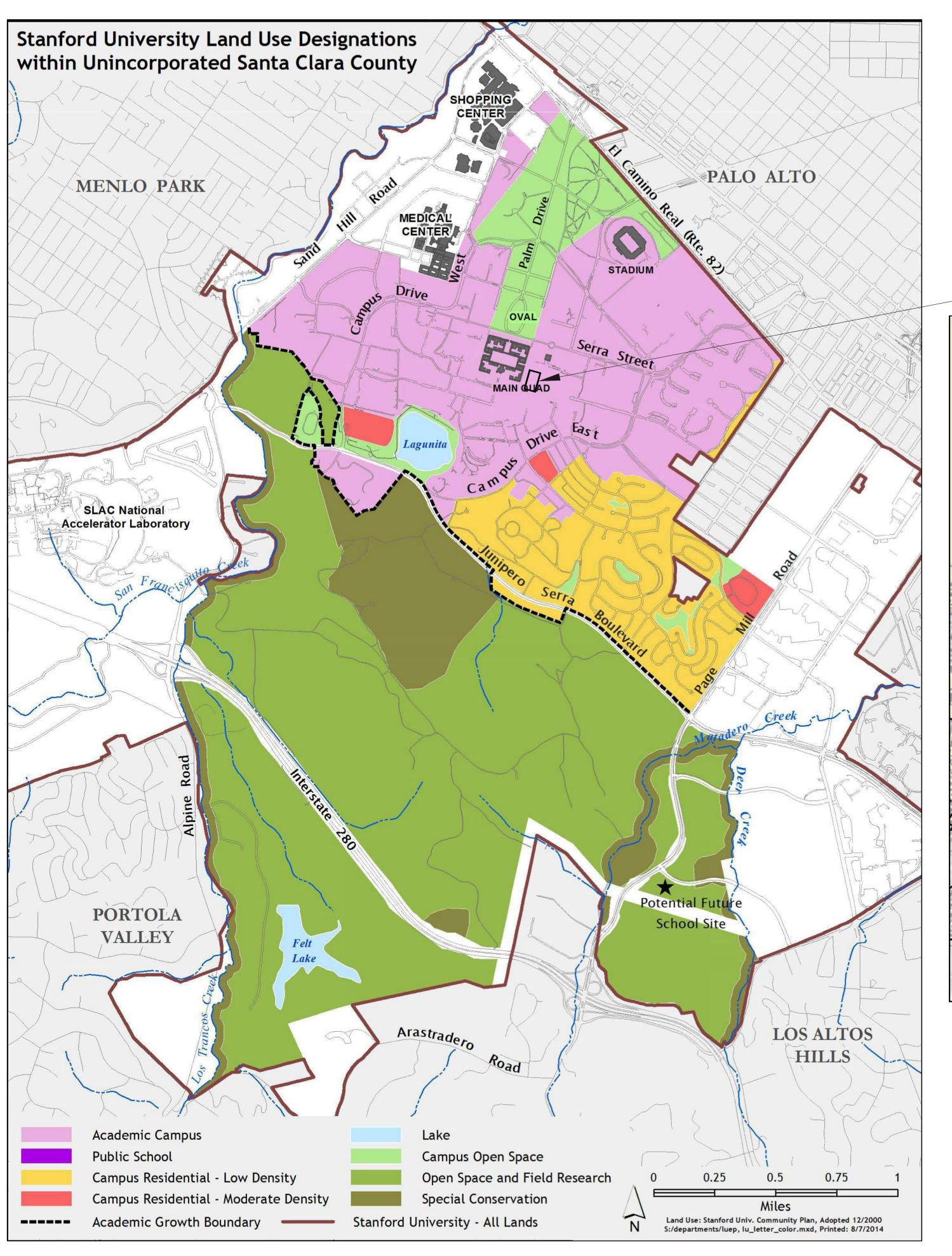
GRADUATE SCHOOL OF EDUCATION

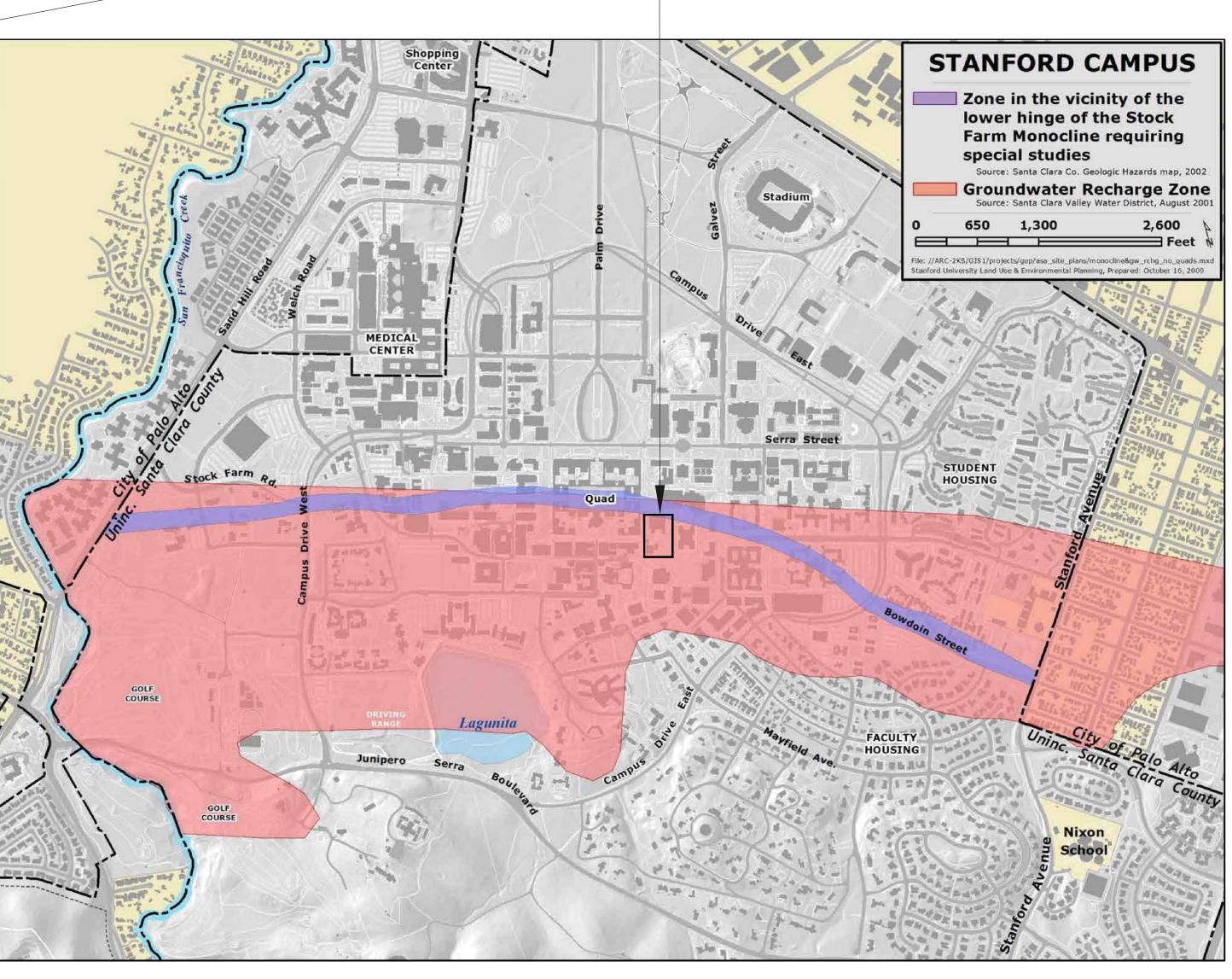
485 & 505 LASUEN MALL STANFORD, CA 94305

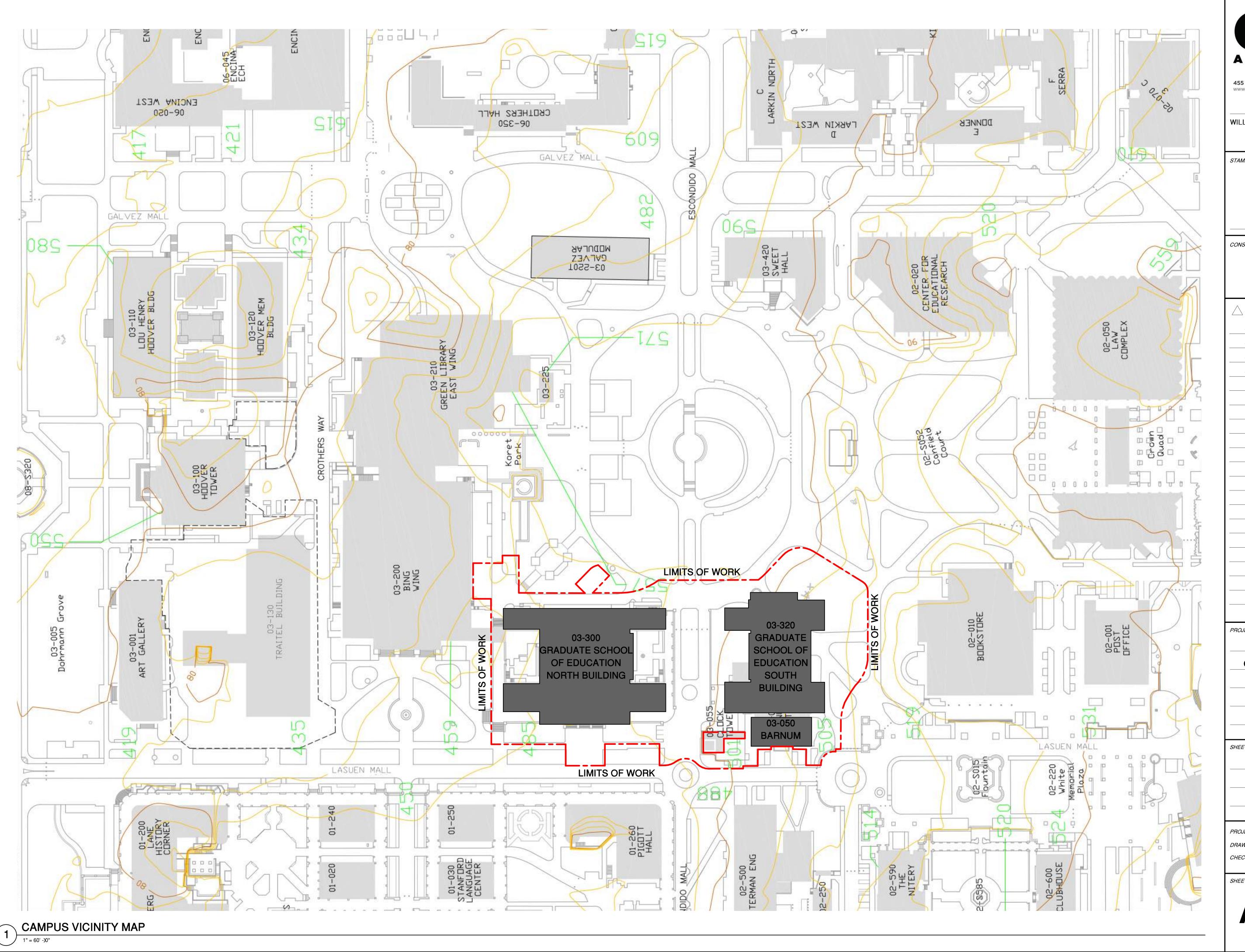
SHEET TITLE

GUP INFORMATION MAP

PROJECT NO. 14029 CHECKED BY JL







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MILESTONE	DATE
ASA SUBMISSION	12/07/2020
ASA RESUBMISSION	08/20/2021
ASA RESUBMISSION	11/19/2021
ASA RESUBMISSION	02/15/2022

PROJECT NAME

GRADUATE SCHOOL OF **EDUCATION**

485 LASUEN MALL

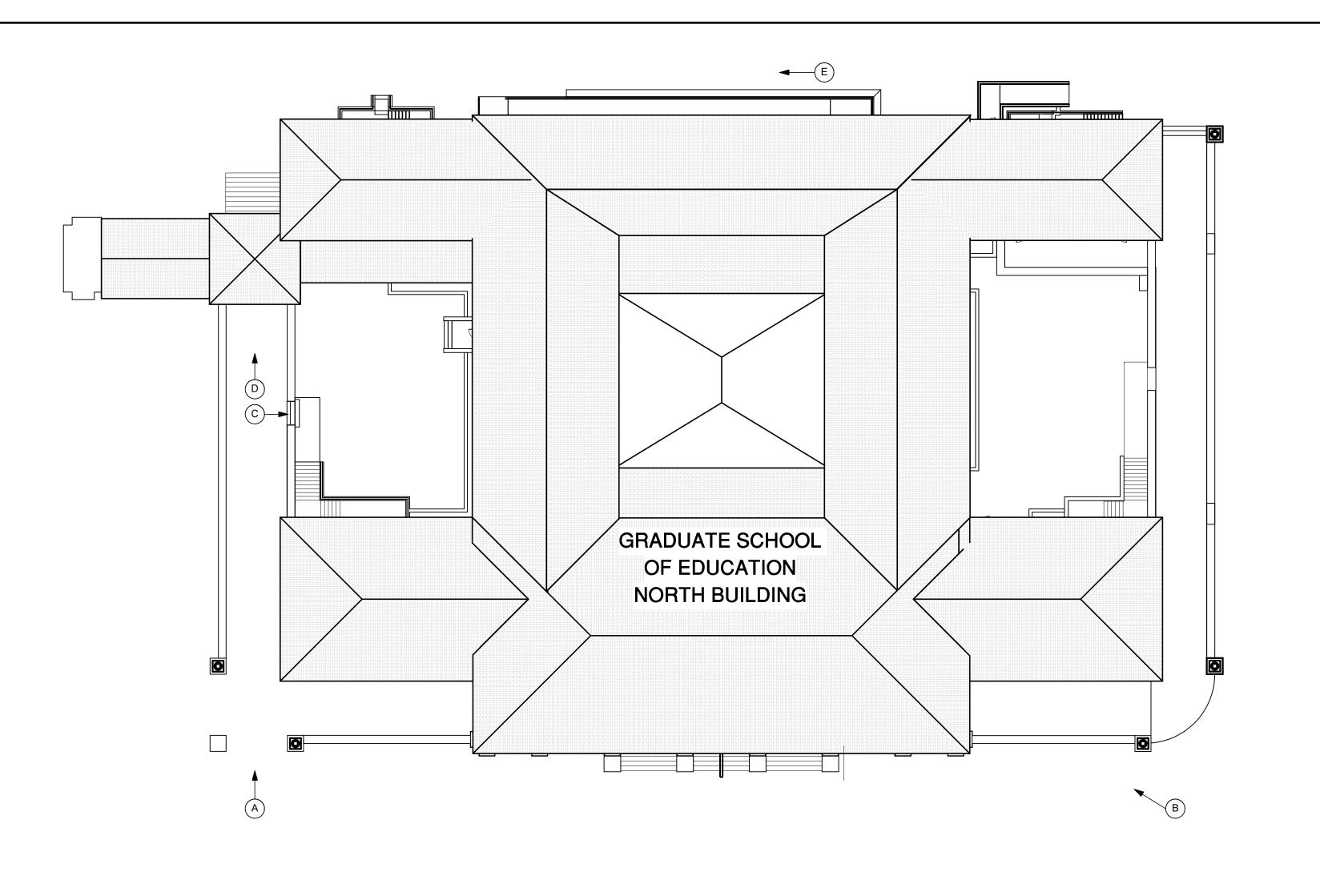
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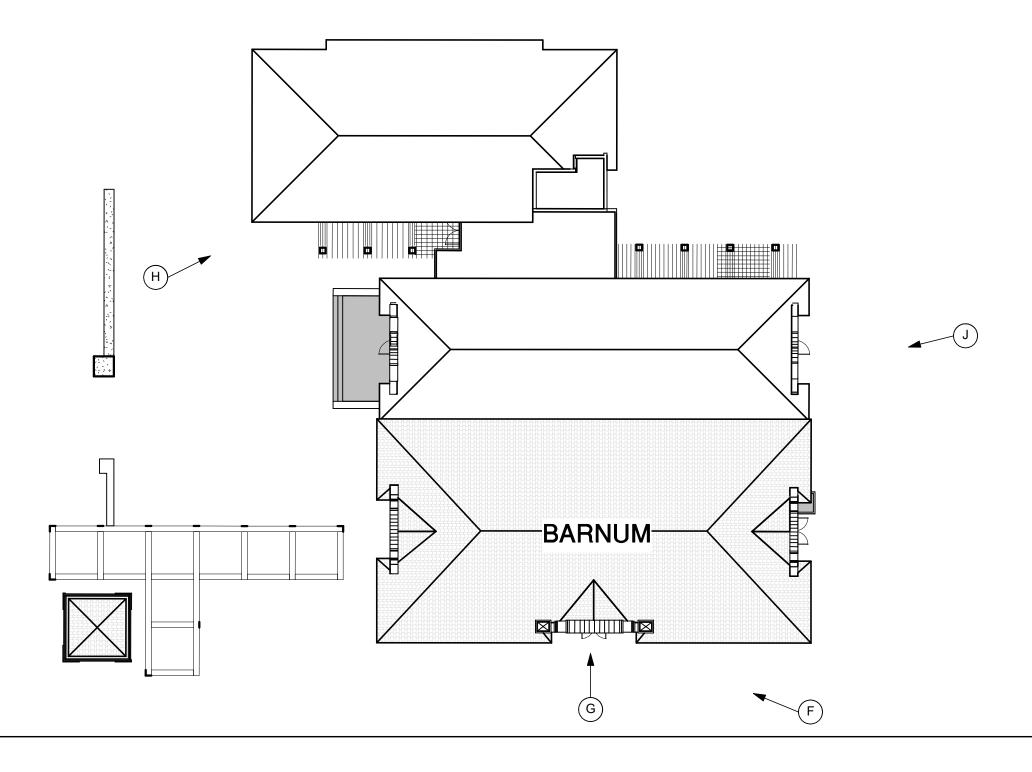
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VICINITY MAP

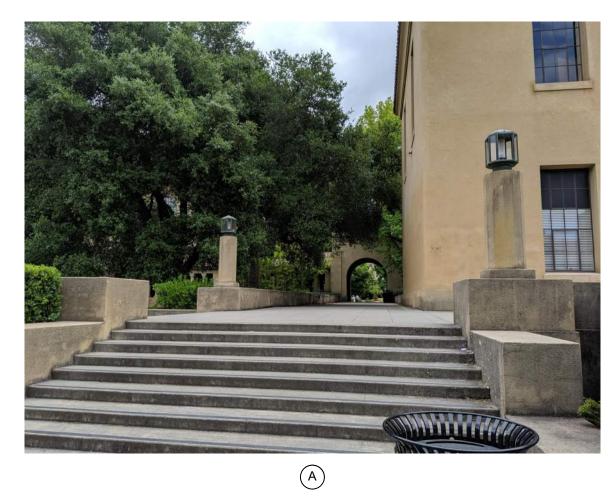
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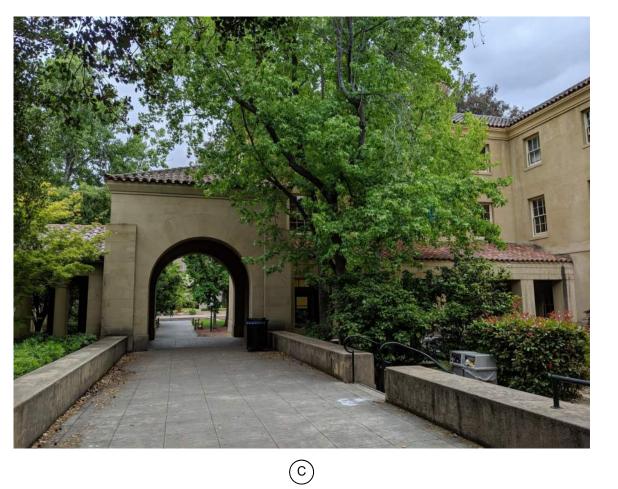




1 SITE PLAN
1" = 20'-0"











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 ASA SUBMISSION
 12/07/2020

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 02/15/2022

PROJECT NAME

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

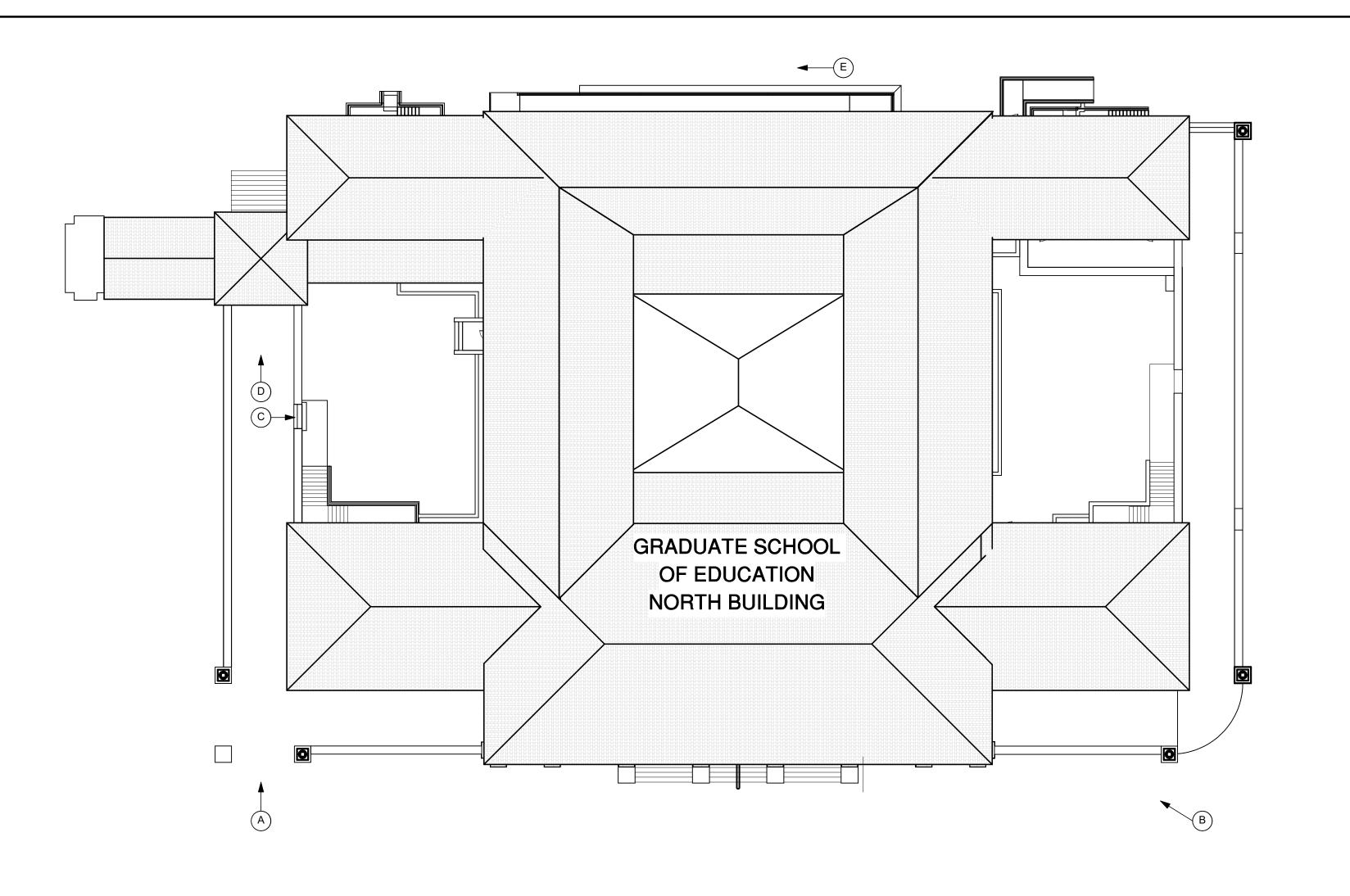
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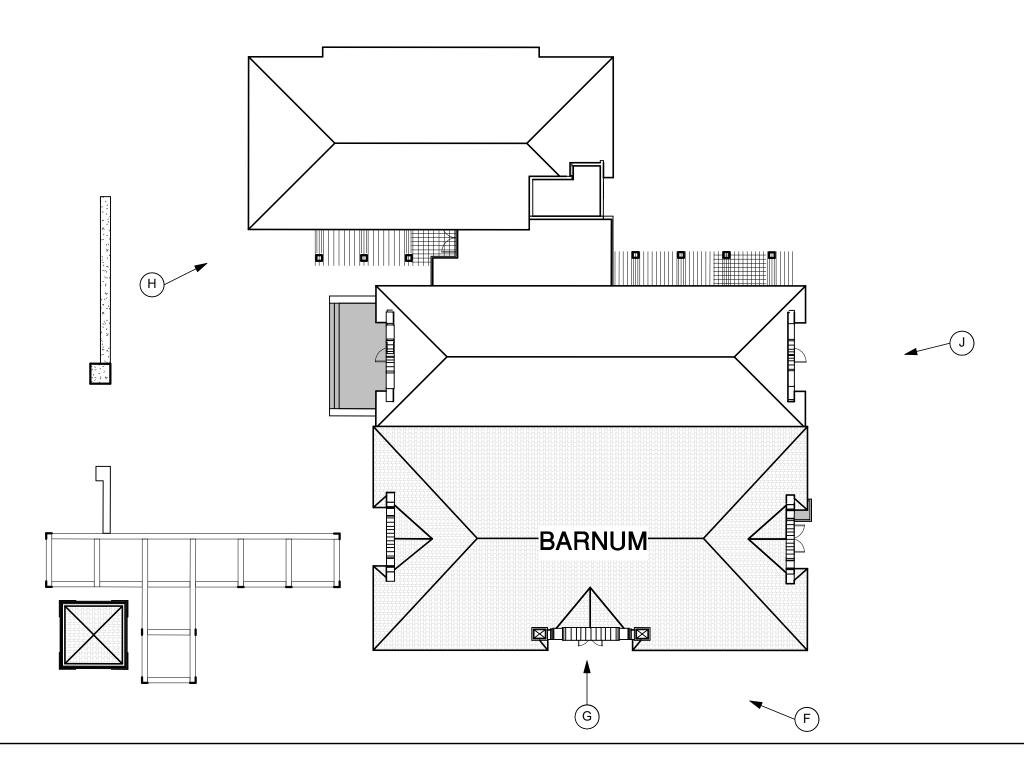
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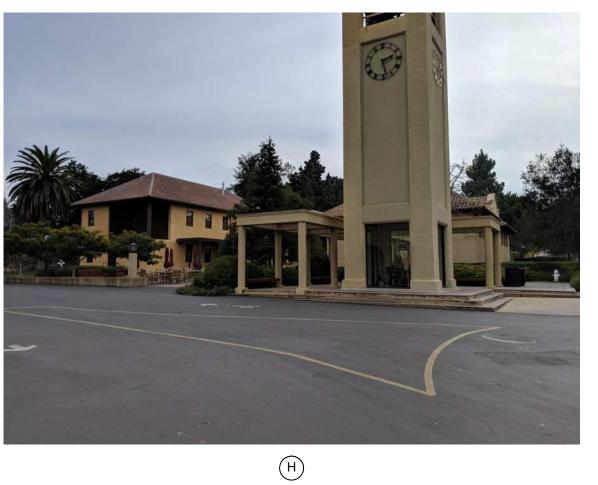




1 SITE PLAN
1" = 20'-0"









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 11/19/2021

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 02/15/2022

PROJECT NAME

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

EXISTING CONDITIONS

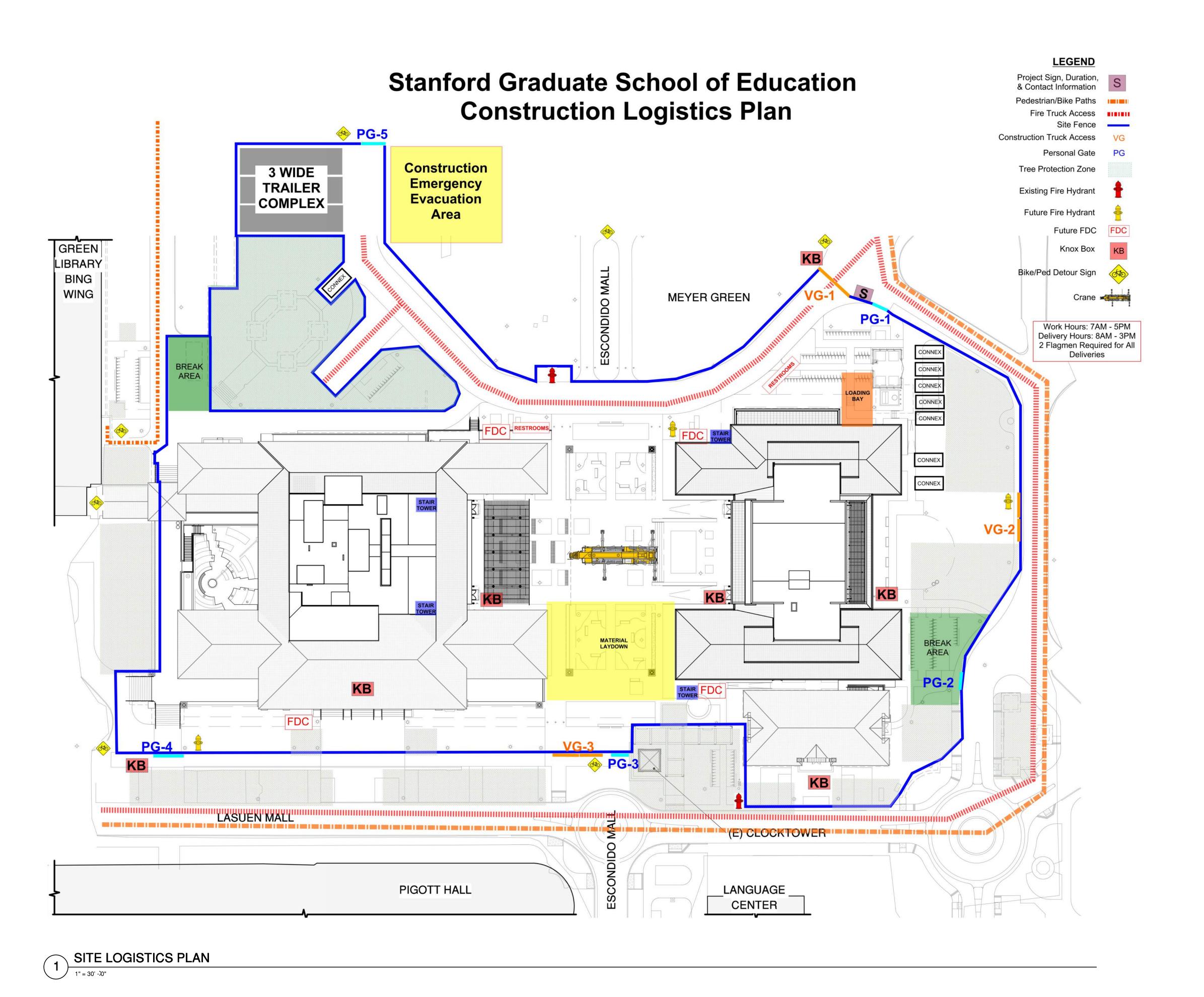
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ASA SUBMISSION 12/07/2020

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PROJECT NAME

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SHEET TITLE

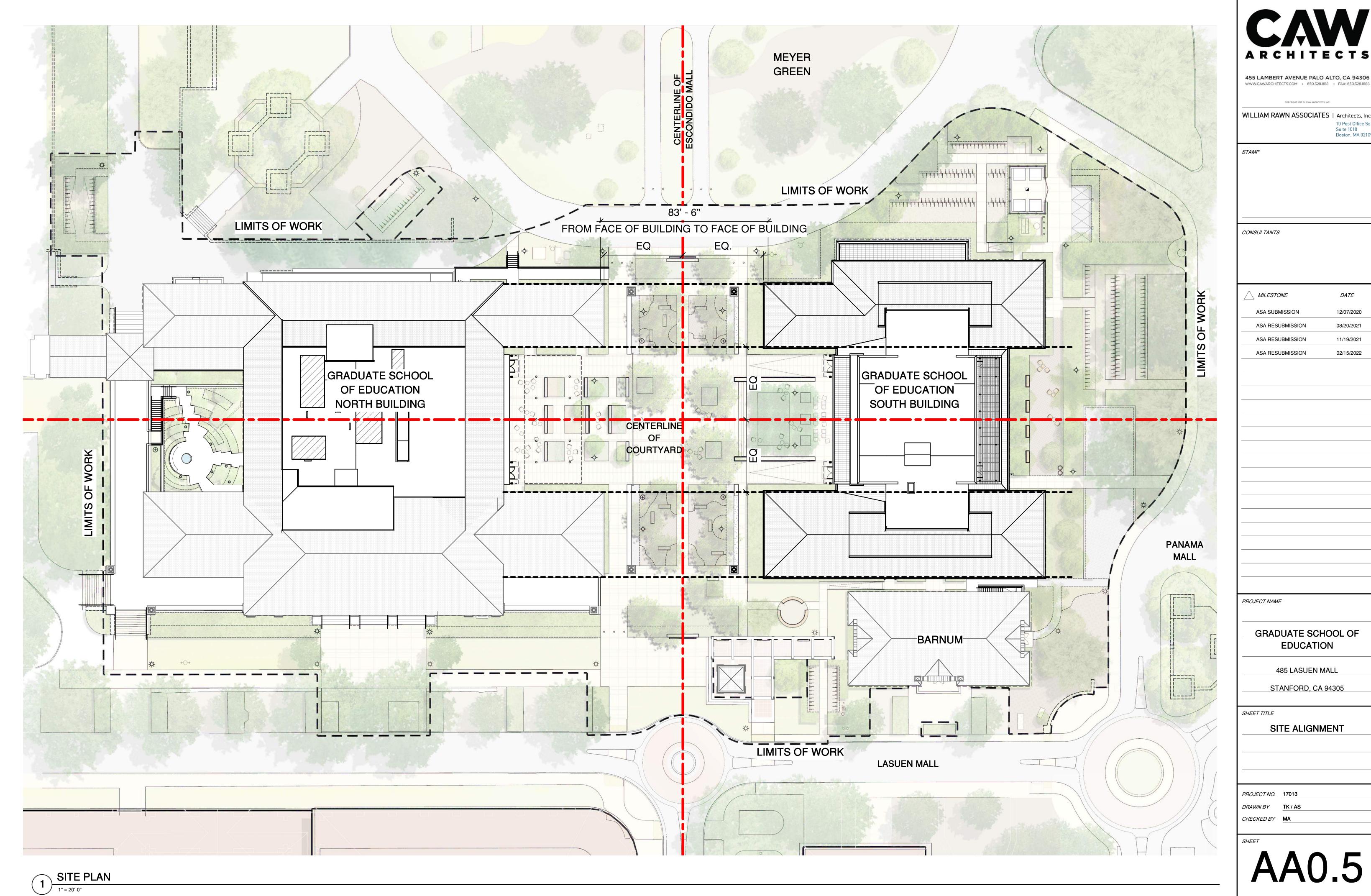
SITE LOGISTICS PLAN

PROJECT NO. 17013

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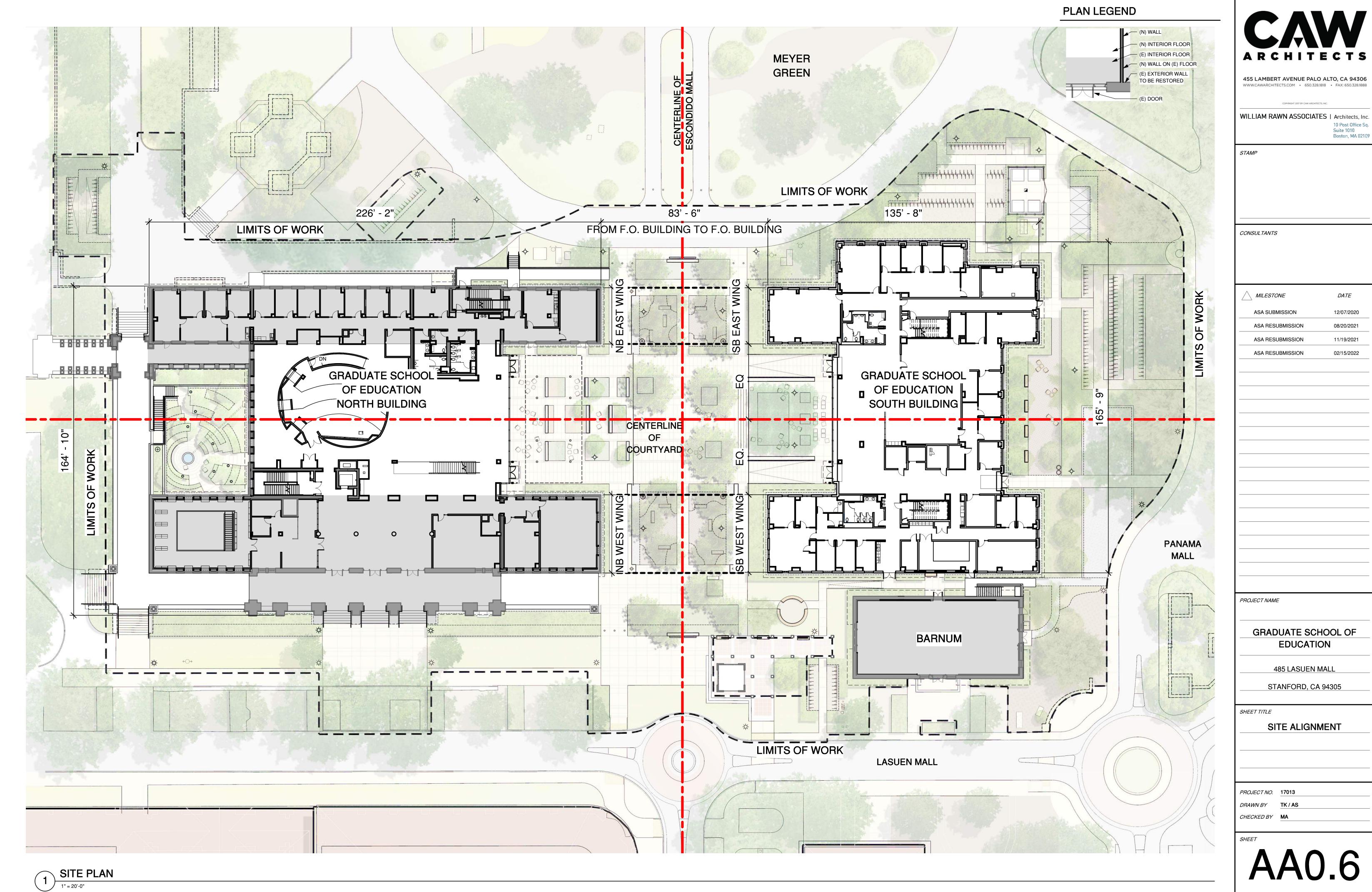
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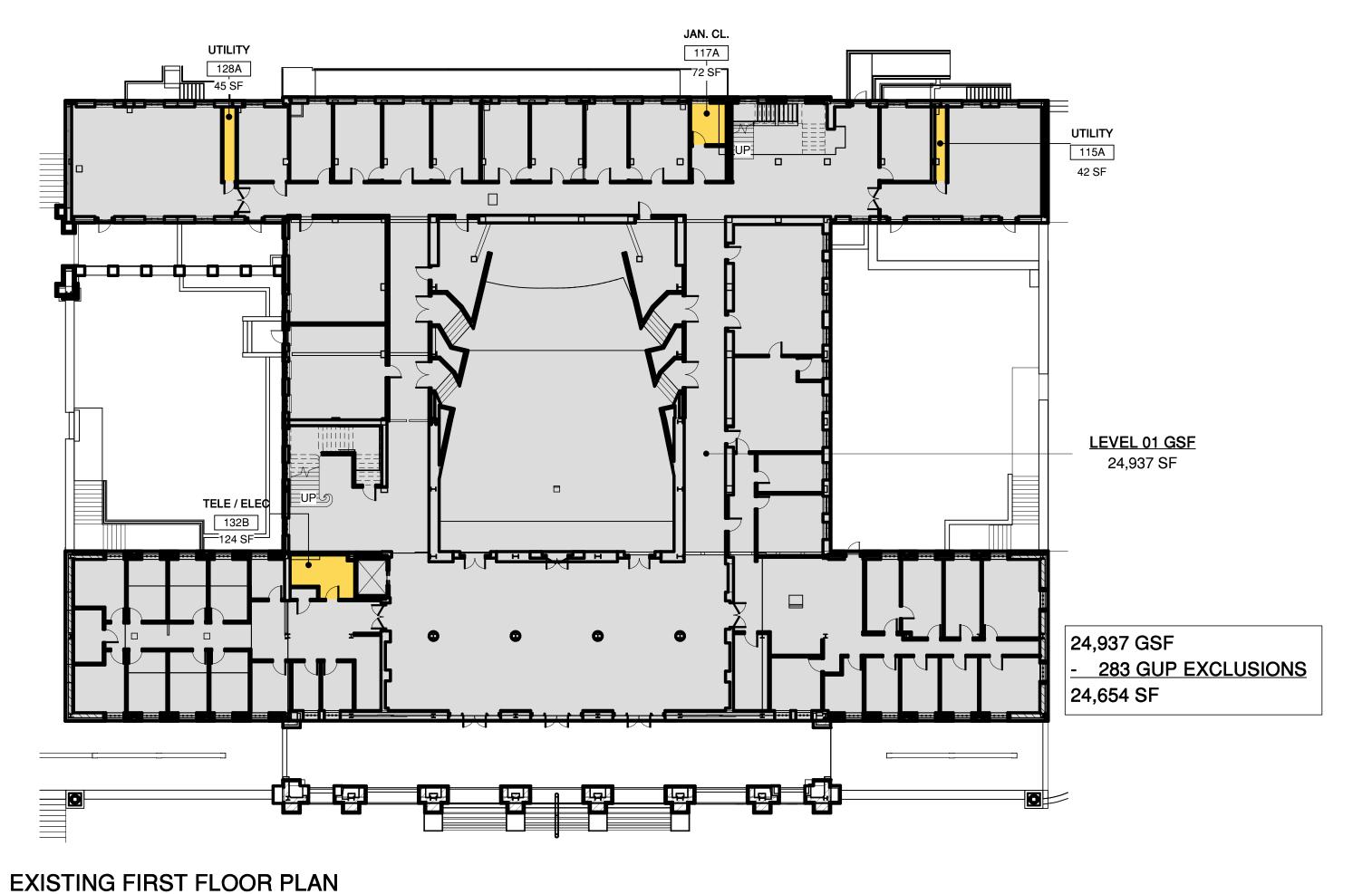


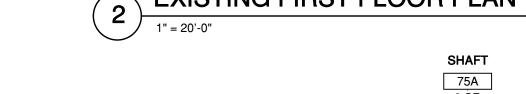
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DATE 12/07/2020 08/20/2021 11/19/2021 02/15/2022

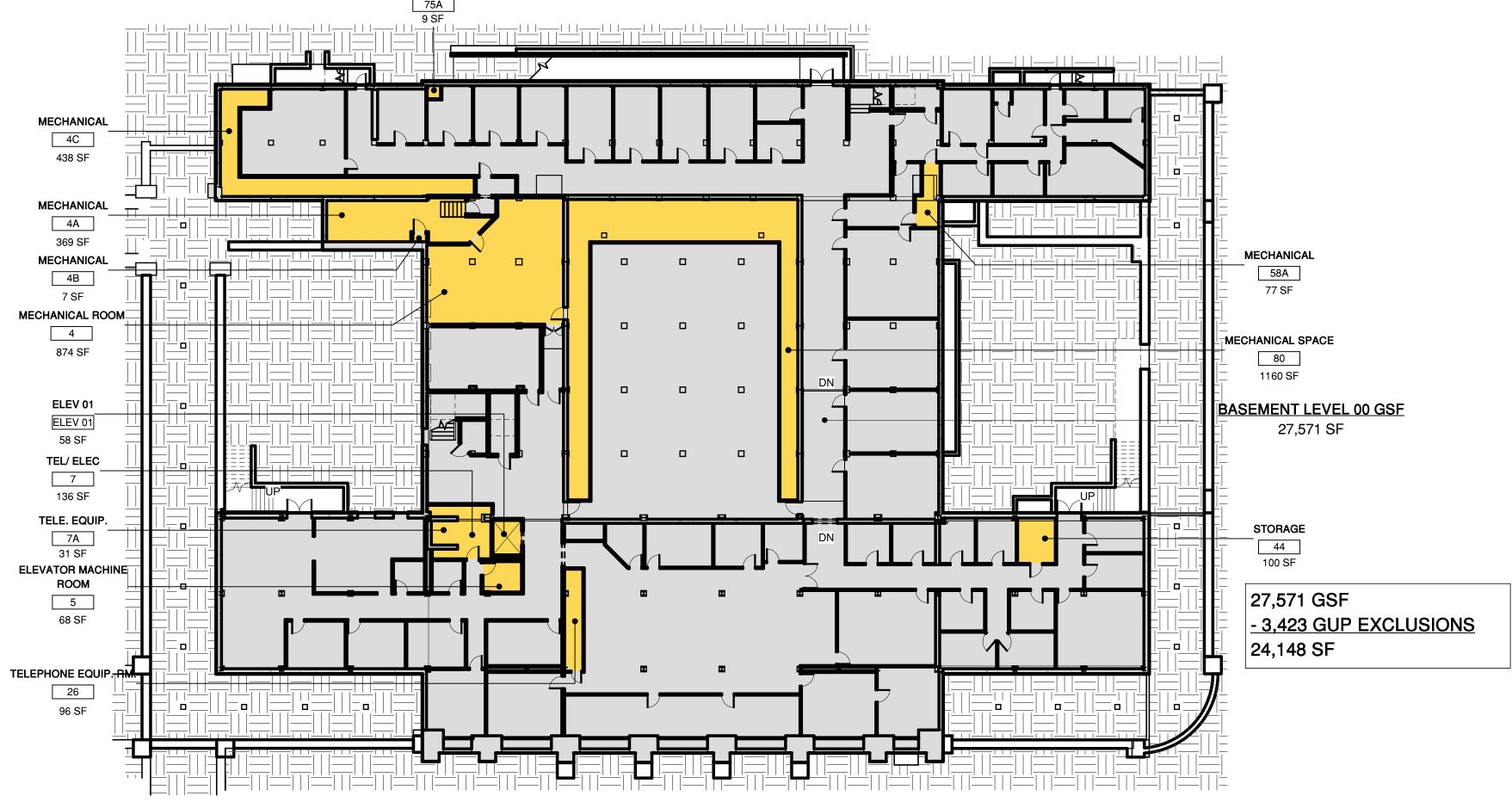
> GRADUATE SCHOOL OF **EDUCATION**







EXISTING BASEMENT PLAN



NORTH BUILDING - EXISTING

	GUP	GROSS
THIRD FLOOR	15,630 SF	15,846 SF
SECOND FLOOR	23,752 SF	24,040 SF
FIRST FLOOR	24,654 SF	24,937 SF
BASEMENT	24,148 SF	27,571 SF
TOTAL	88,184 SF	92,394 SF

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GUP PLAN COLOR LEGEND

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

CONSULTANTS

DATE MILESTONE ASA SUBMISSION 12/07/2020 08/20/2021 ASA RESUBMISSION ASA RESUBMISSION 11/19/2021 ASA RESUBMISSION 02/15/2022

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF **EDUCATION**

485 LASUEN MALL

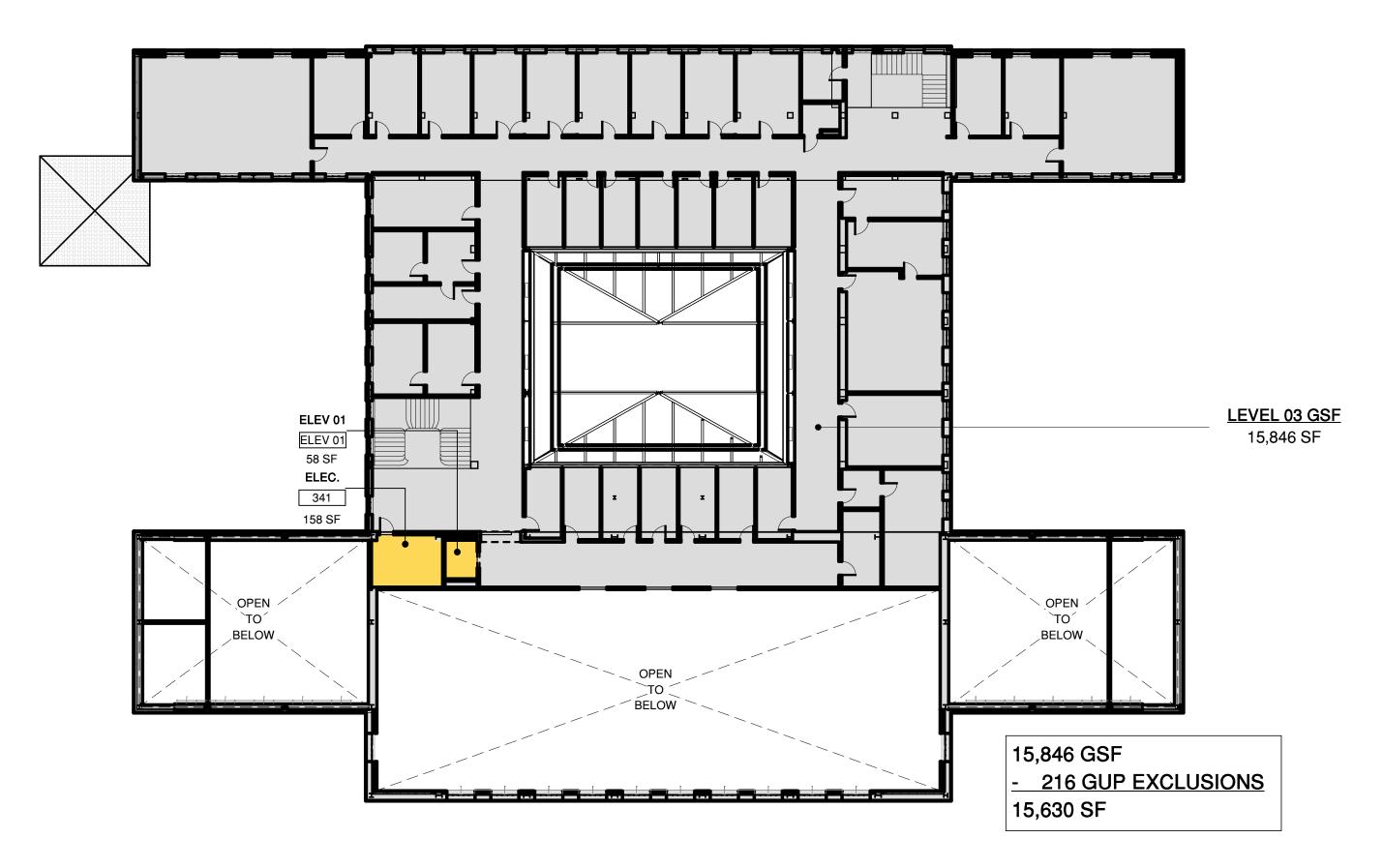
STANFORD, CA 94305

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NB GUP ANALYSIS EXISTING

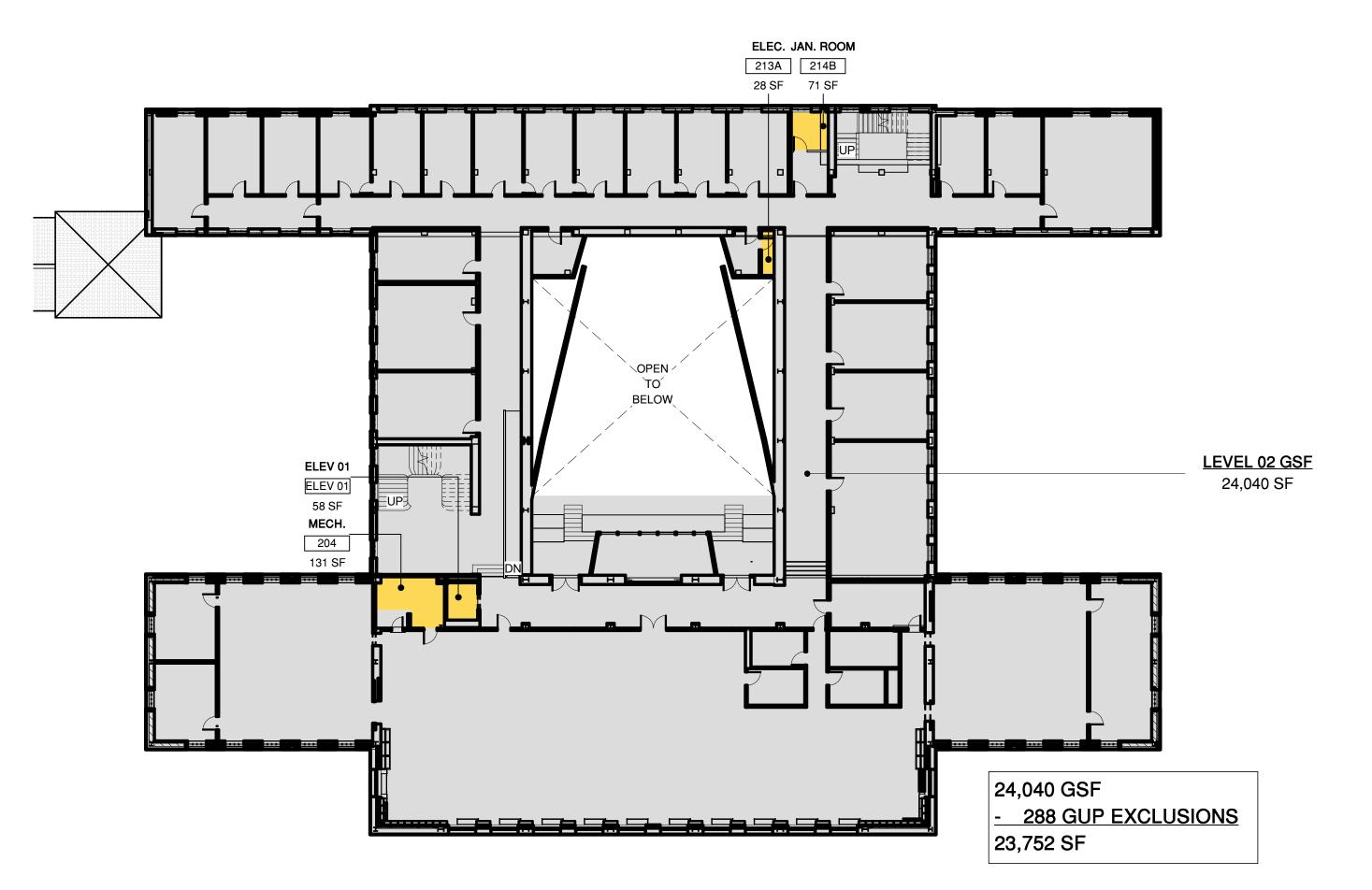
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2 EXISTING THIRD FLOOR PLAN

1" = 20'-0"



NORTH BUILDING - EXISTING

TOTAL

GUP GROSS
THIRD FLOOR 15,630 SF 15,846 SF
SECOND FLOOR 23,752 SF 24,040 SF
FIRST FLOOR 24,654 SF 24,937 SF
BASEMENT 24,148 SF 27,571 SF

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GUP PLAN COLOR LEGEND

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

88,184 SF

92,394 SF

CONSULTANTS

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GRADUATE SCHOOL OF EDUCATION

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SHEET TITLE

NB GUP ANALYSIS
EXISTING

PROJECT NO. 17013

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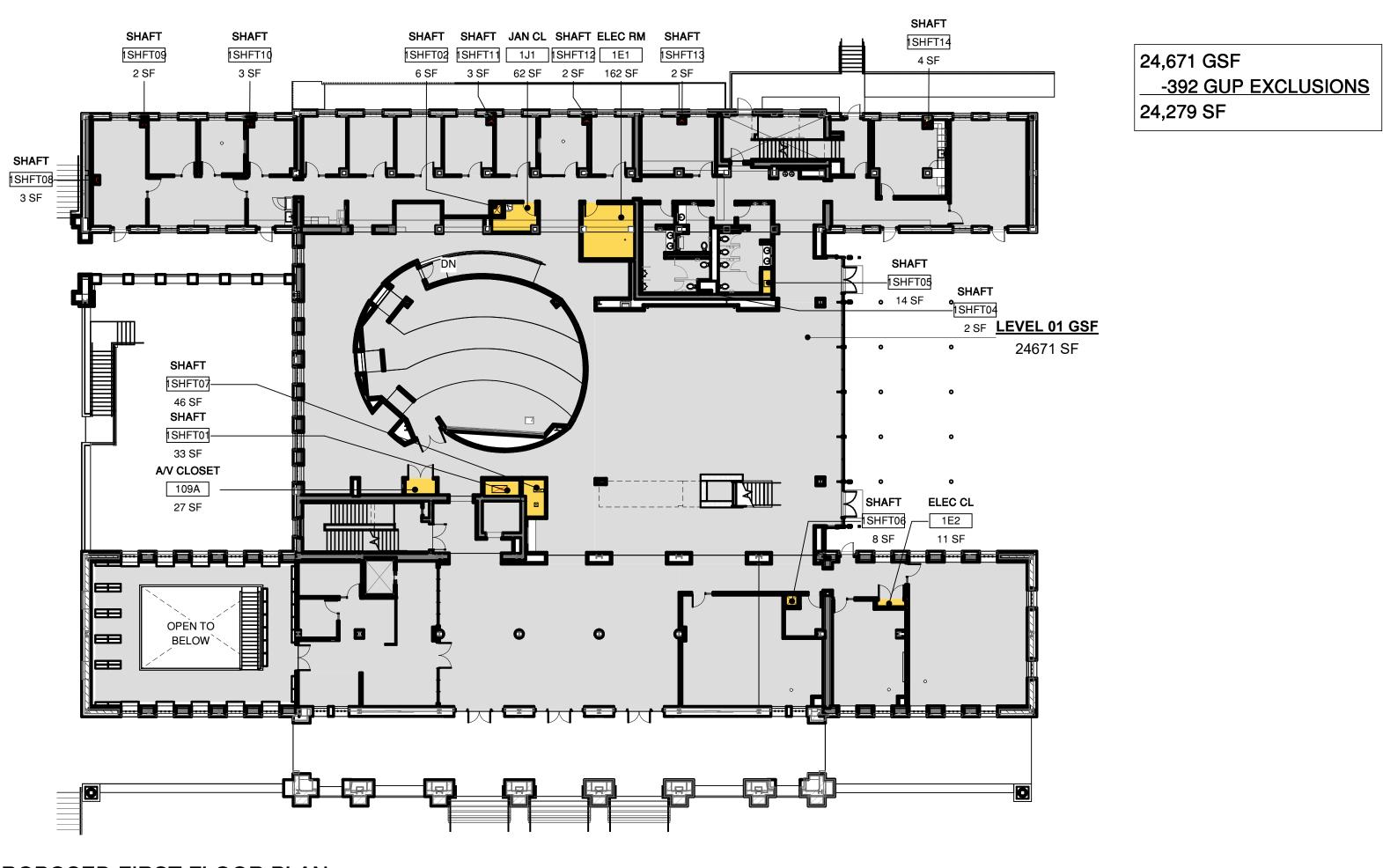
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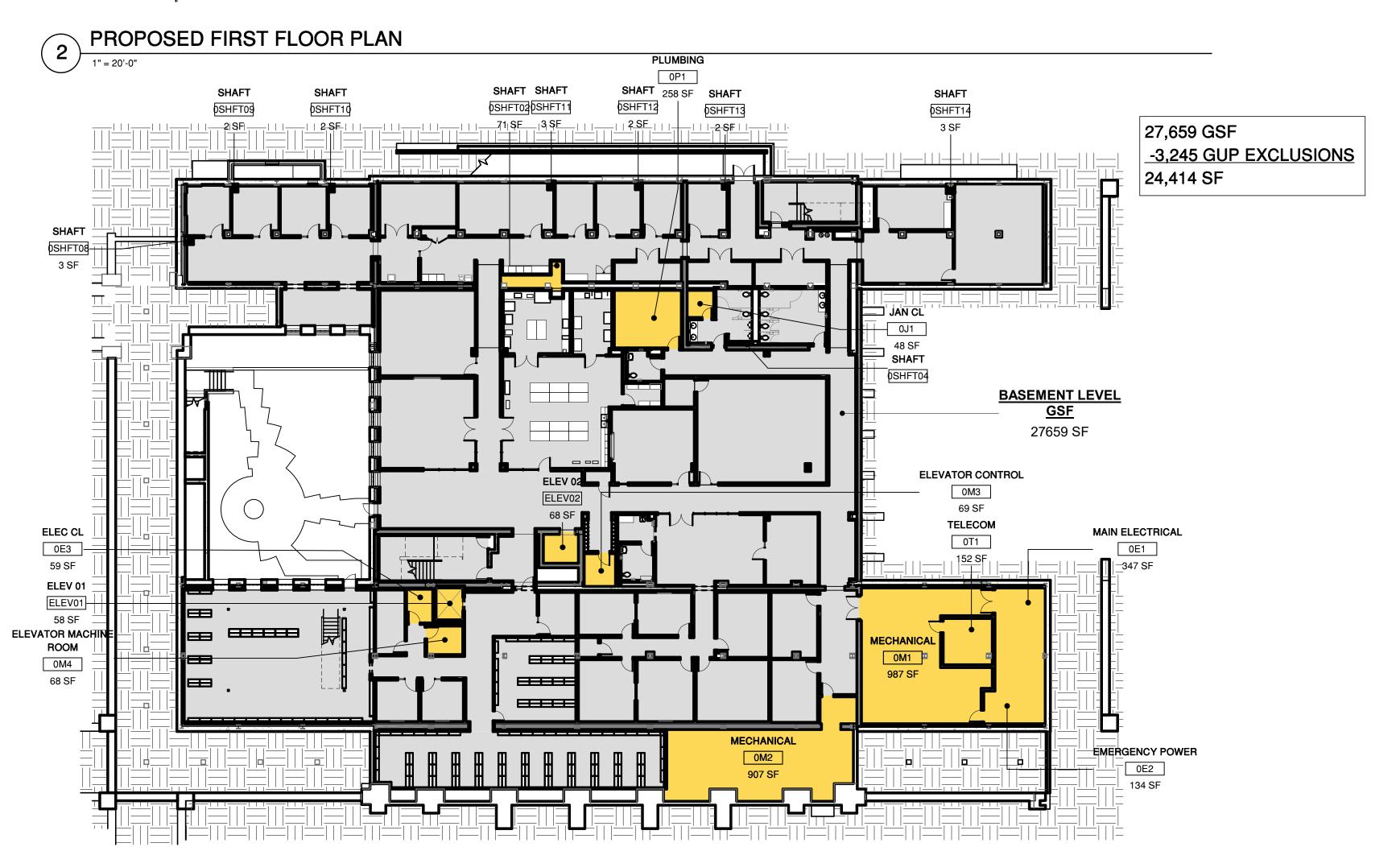
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1 EXISTING SECOND FLOOR PLAN



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PROPOSED BASEMENT PLAN

NORTH BUILDING - PROPOSED

	GUP	GSF
THIRD FLOOR	16,453 SF	17,065 SF
SECOND FLOOR	24,526 SF	25,100 SF
FIRST FLOOR	24,279 SF	24,671 SF
BASEMENT	24,414 SF	27,659 SF
TOTAL	89,672 SF	94,495 SF

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GUP PLAN COLOR LEGEND

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

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NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB GUP ANALYSIS
PROPOSED

PROJECT NO. 17013

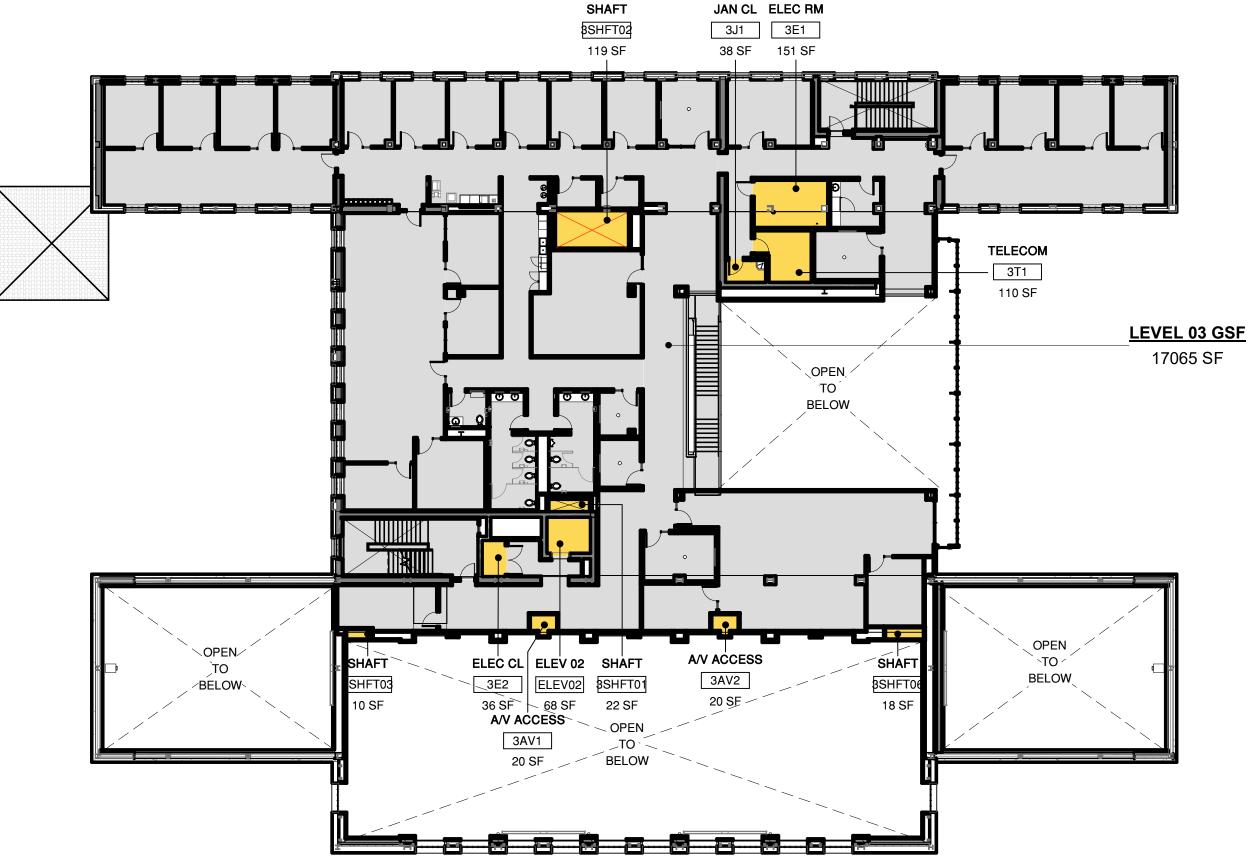
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17,065 GSF

- 612 GUP EXCLUSIONS 16,453 SF

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

NORTH BUILDING - PROPOSED

GUP PLAN COLOR LEGEND

THIRD FLOOR

FIRST FLOOR

BASEMENT

TOTAL

SECOND FLOOR

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

GUP

16,453 SF

24,526 SF

24,279 SF

24,414 SF

89,672 SF

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GSF

17,065 SF

25,100 SF

24,671 SF

27,659 SF

94,495 SF

CONSULTANTS

MILESTONE DATE ASA SUBMISSION 12/07/2020 ASA RESUBMISSION 08/20/2021 ASA RESUBMISSION 11/19/2021 ASA RESUBMISSION 02/15/2022

PROJECT NAME

NORTH BUILDING GRADUATE SCHOOL OF

485 LASUEN MALL

EDUCATION

STANFORD, CA 94305

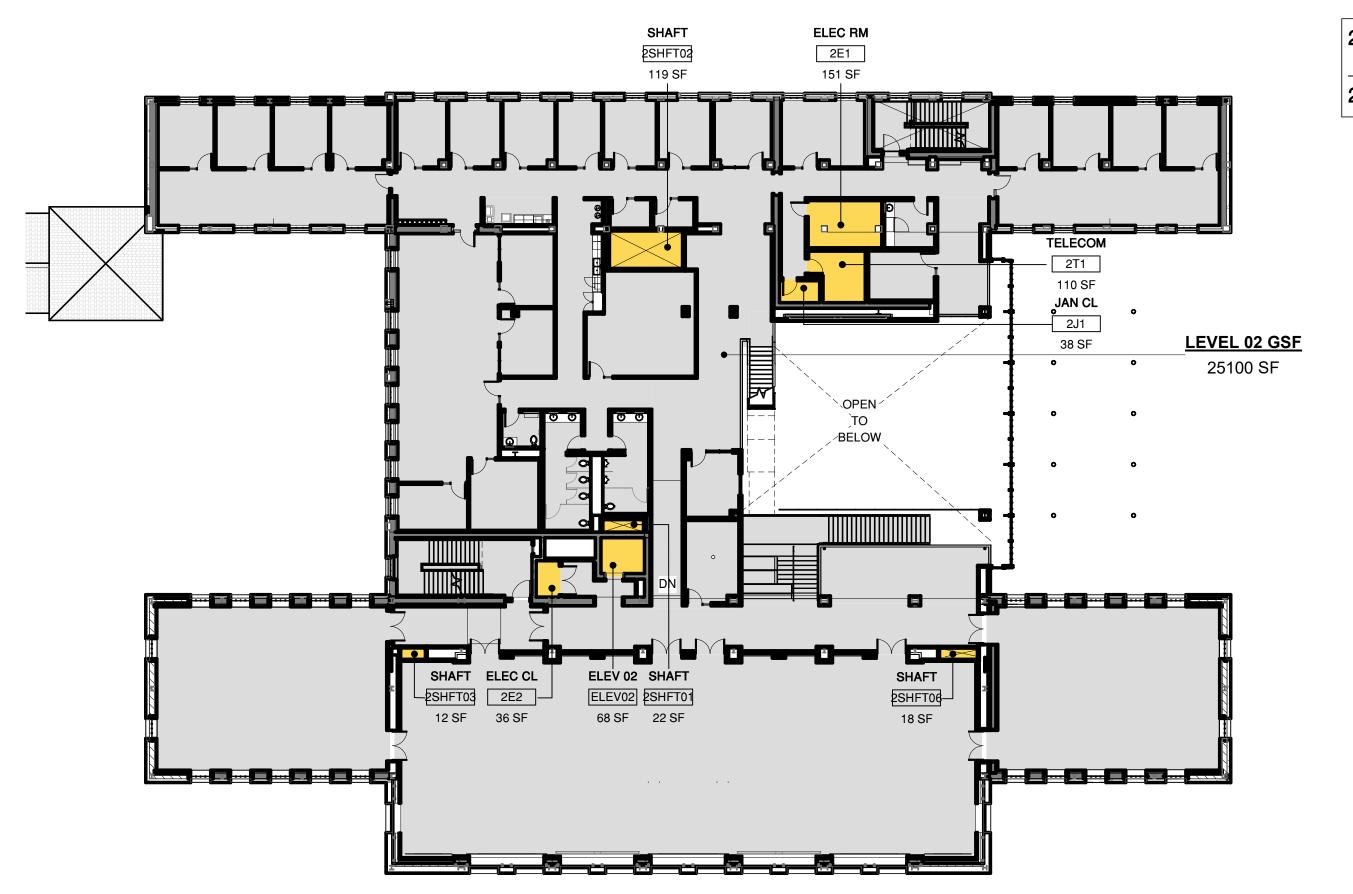
SHEET TITLE

NB GUP ANALYSIS PROPOSED

PROJECT NO. 17013 DRAWN BY TK / AS CHECKED BY MA

PROPOSED THIRD FLOOR PLAN

1" = 20'-0"

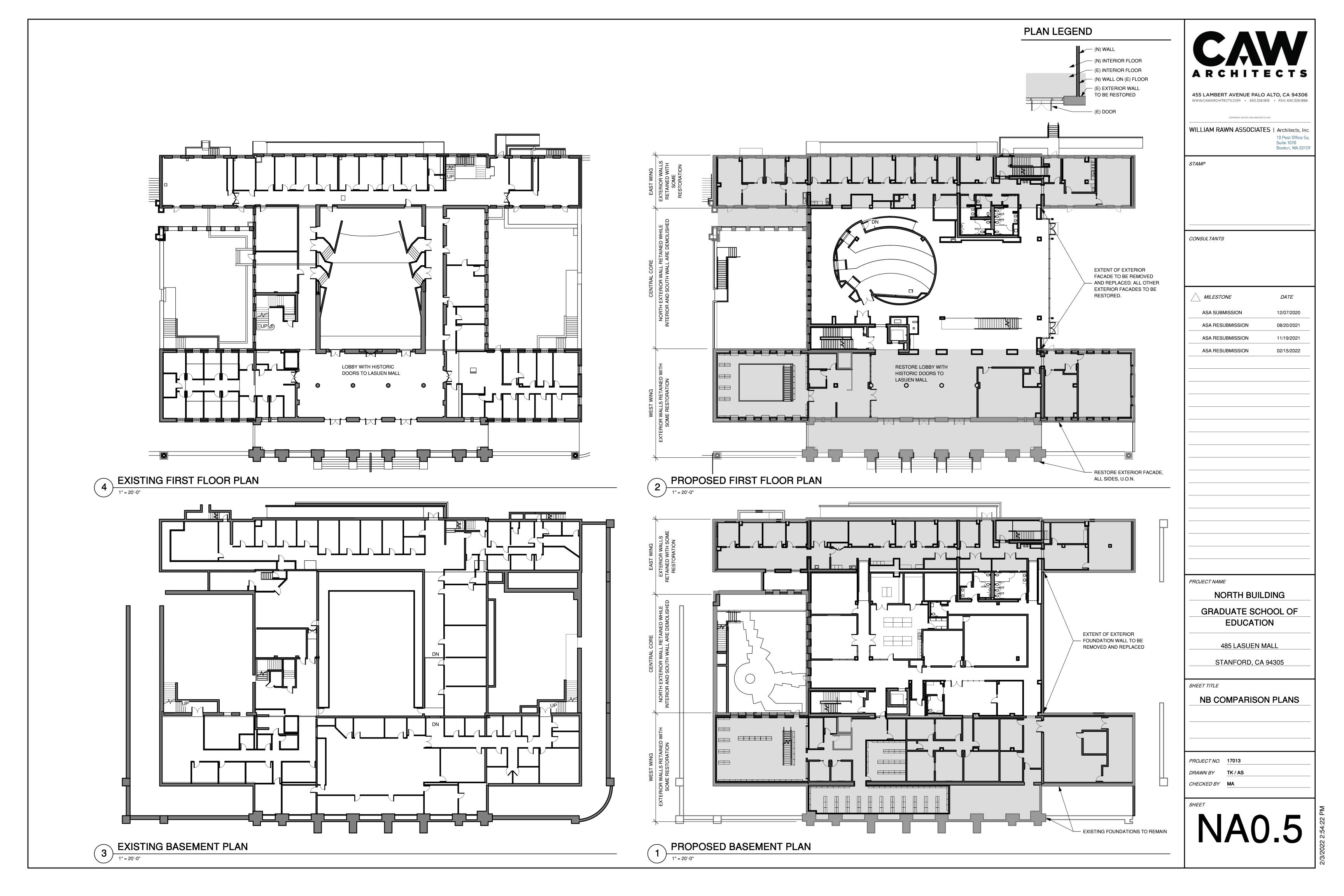


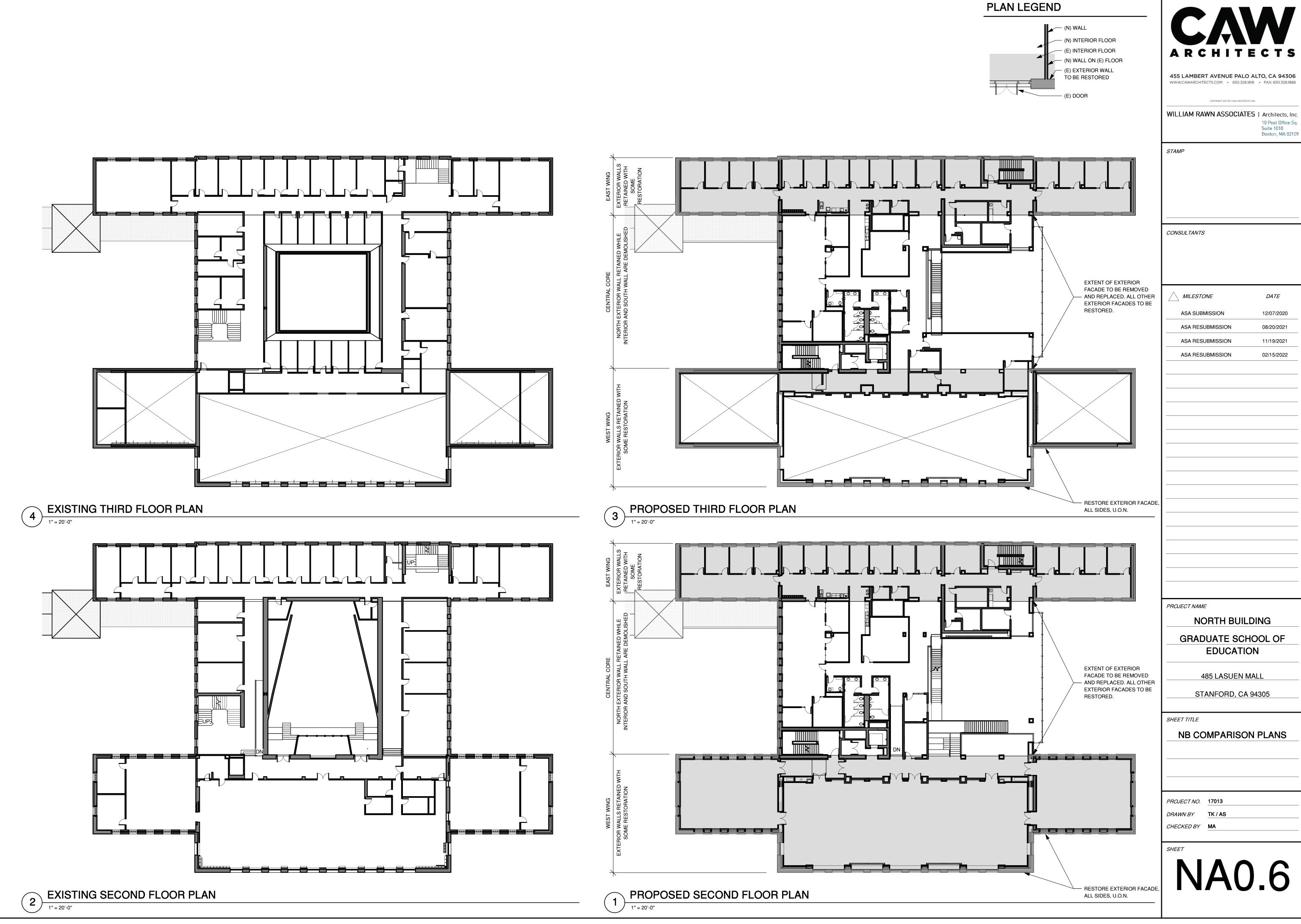
25,100 GSF

- 574 GUP EXCLUSIONS 24,526 SF

PROPOSED SECOND FLOOR PLAN



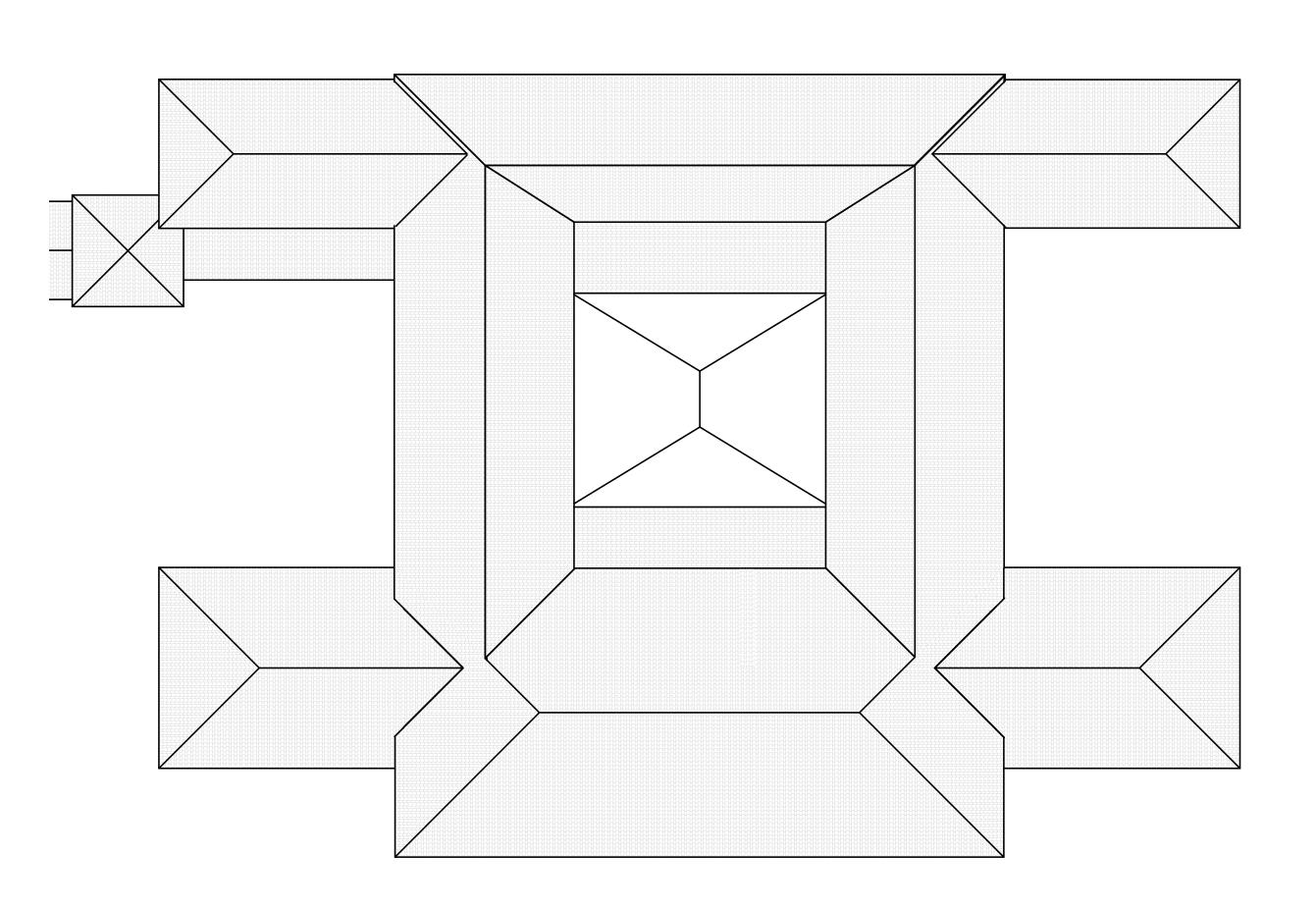


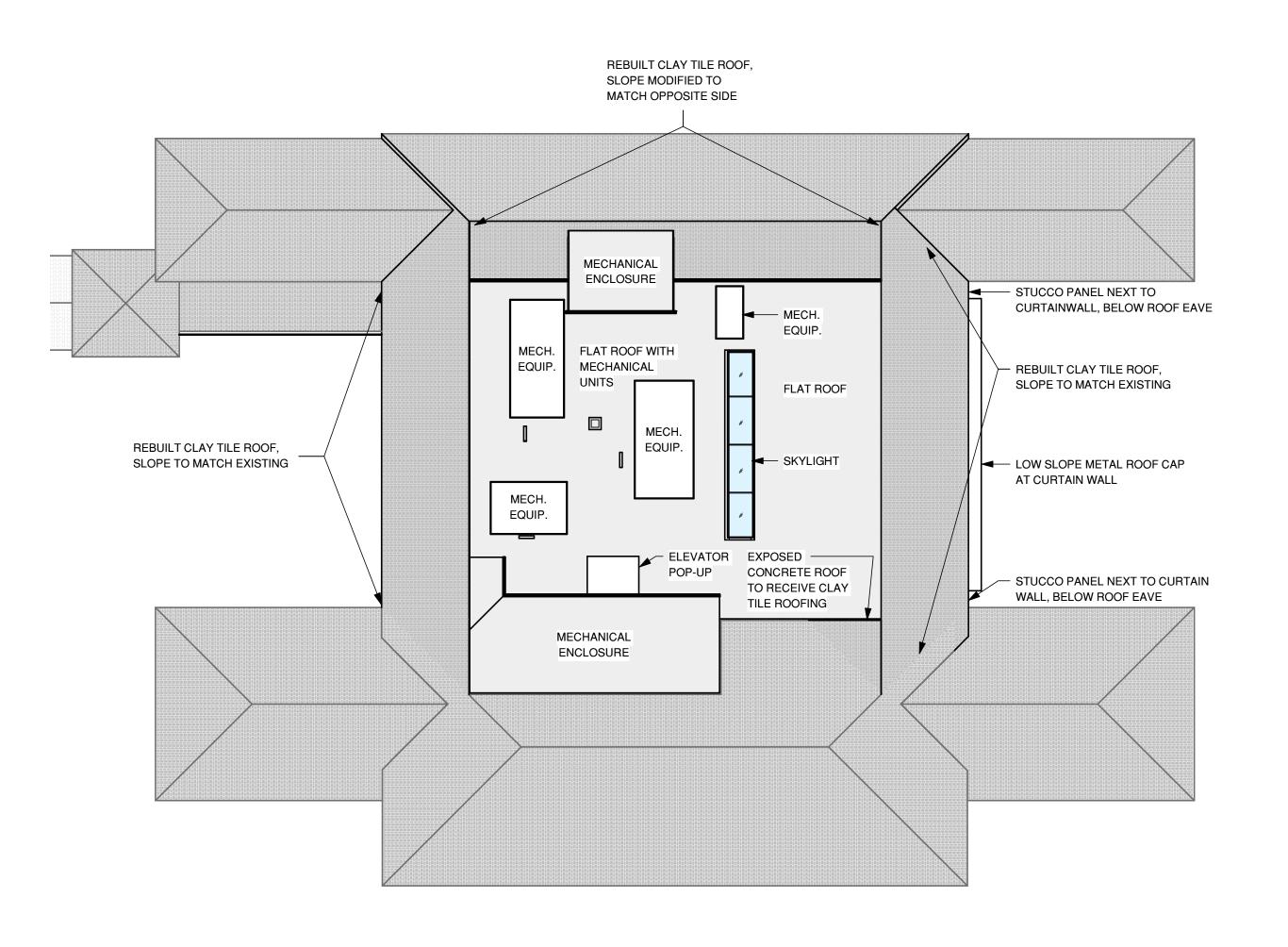


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MILESTONE DATE ASA SUBMISSION 12/07/2020 ASA RESUBMISSION 08/20/2021 ASA RESUBMISSION 11/19/2021 ASA RESUBMISSION 02/15/2022

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB COMPARISON PLANS

PROJECT NO. 17013 DRAWN BY TK / AS CHECKED BY MA

EXISTING ROOF PLAN

1" = 20'-0"

PROPOSED ROOF PLAN

- 1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND REMOVAL OF HAZARDOUS MATERIAL WITHIN THE BUILDING DEMO SCOPE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO GYPSUM BOARD, DOORS, VCT FLOOR FINISHES, SINKS, CASEWORK, CEILING FINISHES, PIPING, CONDUIT, ETC. THE CONTRACTOR SHALL REVIEW THE HAZARDOUS MATERIAL ASSESSMENT REPORT AND SPECIFICATIONS PROVIDED BY THE OWNER, AND VERIFY THE EXTENT OF THE SCOPE IN THE FIELD, PRIOR TO BIDDING.
- 2. DEMOLISH ALL (E) INTERIOR FLOOR FINISHES, UNLESS OTHERWISE NOTED, RAISED FLOOR SYSTEMS, TOPPING MATERIAL MASTIC, AND BASE, TYPICAL THROUGHOUT . REMOVE ALL GLUES, ADHESIVES, SCREWS, NAILS, AND HARDWARE, AND BEADBLAST THE (E) CONCRETE SLAB TO PREPARE FOR NEW FLOOR FINISH.
- 3. DEMOLISH ALL (E) INTERIOR CEILING FINISHES THROUGHOUT, UNLESS OTHERWISE NOTED. REMOVE T-BAR CEILING SYSTEMS, GYPSUM BOARD SOFFITS AND FRAMING, CEILING GRILLES, DEVICES, ASSOCIATED ATTACHMENTS FOR THE SYSTEM, ETC.
- 4. REMOVE ALL MECHANICAL, ELECTRICAL, PLUMBING, TELECOM, FIRE ALARM, AND FIRE PROTECTION, TYPICAL THROUGHOUT, UNO. THIS INCLUDES BUT IS NOT LIMITED TO MECHANICAL UNITS IN THE BASEMENT, RADIATORS, ELECTRICAL PANELS, GAS PIPING, STEAM PIPING, (E) SUMP PUMP SYSTEM, ETC.
- 5. DEMOLISH ALL WALL AND ROOF INSULATION.
- 6. DEMOLISH ALL CASEWORK, CABINETRY, DISPLAY RACKS, SHELVING, AND FURNITURE SYSTEMS, INCLUDING FASTENERS AND ATTACHMENTS, TYPICAL 11. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPAIRING ALL (E)
- 7. TERMINATE ALL (E) ABANDONED PLUMBING, MECHANICAL, OR ELECTRICAL UTILITIES . CONCEAL WITHIN WALL OR BELOW SLAB . CUT AND PATCH FINISH AS REQUIRED . (E) UNUSED AND CAPPED UTILITIES SHALL NOT BE LEFT EXPOSED.
- MODIFIED FOR ELEVATOR TO SERVE BASEMENT LEVEL AND LEVEL 1 ONLY.
- REMOVE ALL INTERIOR EXPOSED PIPING, CONDUIT, AND FIXTURES THAT ARE UNUSED, ABANDONED, OR REPLACED WITH NEW WORK AS A PART OF THIS PROJECT, WHETHER SPECIFICALLY NOTED OR NOT.
- 10. REMOVE ALL EXPOSED NON-STRUCTURAL METAL FASTENERS AND NON-STRUCTURAL FASTENERS EXPOSED BY DEMOLITION, TYPICAL THROUGHOUT THE ENTIRE BUILDING INTERIOR AND EXTERIOR.
- SURFACES, MATERIALS, OR FINISHES TO REMAIN THAT BECOME DAMAGED DURING DEMOLITION OR CONSTRUCTION WORK. CONTRACTOR AND SUB-CONTRACTOR(S) SHALL ALSO FIELD INSPECT ALL (E) CONDITIONS WHICH MAY REMAIN, IDENTIFY ANY DAMAGED CONDITIONS, AND PROVIDE PATCHING AND REPAIR AS NEEDED.
- 12. FIELD WALK AND VERIFY SALVAGE ITEMS LIST WITH OWNER. DEMOLISH ALL REMAINING 8. EXISTING ELEVATOR HOISTWAY TO BE SHORTENED & RELATED CONSTRUCTION ITEMS NOT SALVAGED, WHETHER LISTED OR NOT. REMOVE ALL DOOR LOCKSETS AND CLOSURES, WALL-MOUNTED WHITEBOARDS, BULLETIN BOARDS, MIRRORS, CLOCKS, FIRE EXTINGUISHERS, CEILING FANS, EQUIPMENT, TV BRACKETS, PROJECTOR SCREENS, AND ANY OTHER SIMILAR ITEMS.
- 13. WHERE WALL DEMOLITION IS NOTED, REMOVE WALL FRAMING, CONCRETE CURB, AND ASSOCIATED HARDWARE, ETC, U.O.N. PREPARE SURFACE TO RECEIVE NEW WORK. S.S.D. FOR STRUCTURAL SCOPE, TYP.
- 14. RESTORE ALL DOORS AND WINDOWS. PROVIDE NEW PANELS, GLASS LITES, HARDWARE, FRAMES, AND TRIM AS REQUIRED.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAWCUTTING AND TRENCHING TO ACCOMMODATE NEW STRUCTURAL & BUILDING SYSTEMS . KEEP SAWCUTTING TO A MINIMUM IN SIZE AND LOCATION; DIMENSIONS ARE SHOWN FOR REFERENCE & SHOULD BE VERIFIED IN THE FIELD. NOTIFY ARCHITECT SHOULD LOCATIONS DIFFER FROM THOSE PROVIDED ON PLANS. DO NOT REMOVE ANY CONC. FTGS. U.O.N. BY STRUCTURAL DRAWINGS.
- 16. LEAVE CLEAN, STRAIGHT EDGES WITH NO LOOSE OR CRACKED MATERIAL WHERE NEW FINISHES SUCH AS PLASTER, TRIM, OR SEALANT WILL ADJOIN (E) FINISHES.
 - 17. CLEAN AND PREPARE ALL (E) SURFACES TO RECEIVE NEW WORK.
 - 18. SEE STRUCTURAL NARRATIVE FOR SHORING REQUIREMENTS.

DEMO FLOOR PLAN LEGEND

(E) WALL OR PARTITION TO REMAIN [_____] (E) WALL OR PARTITION TO BE REMOVED

(E) FLOOR TO BE REMOVED

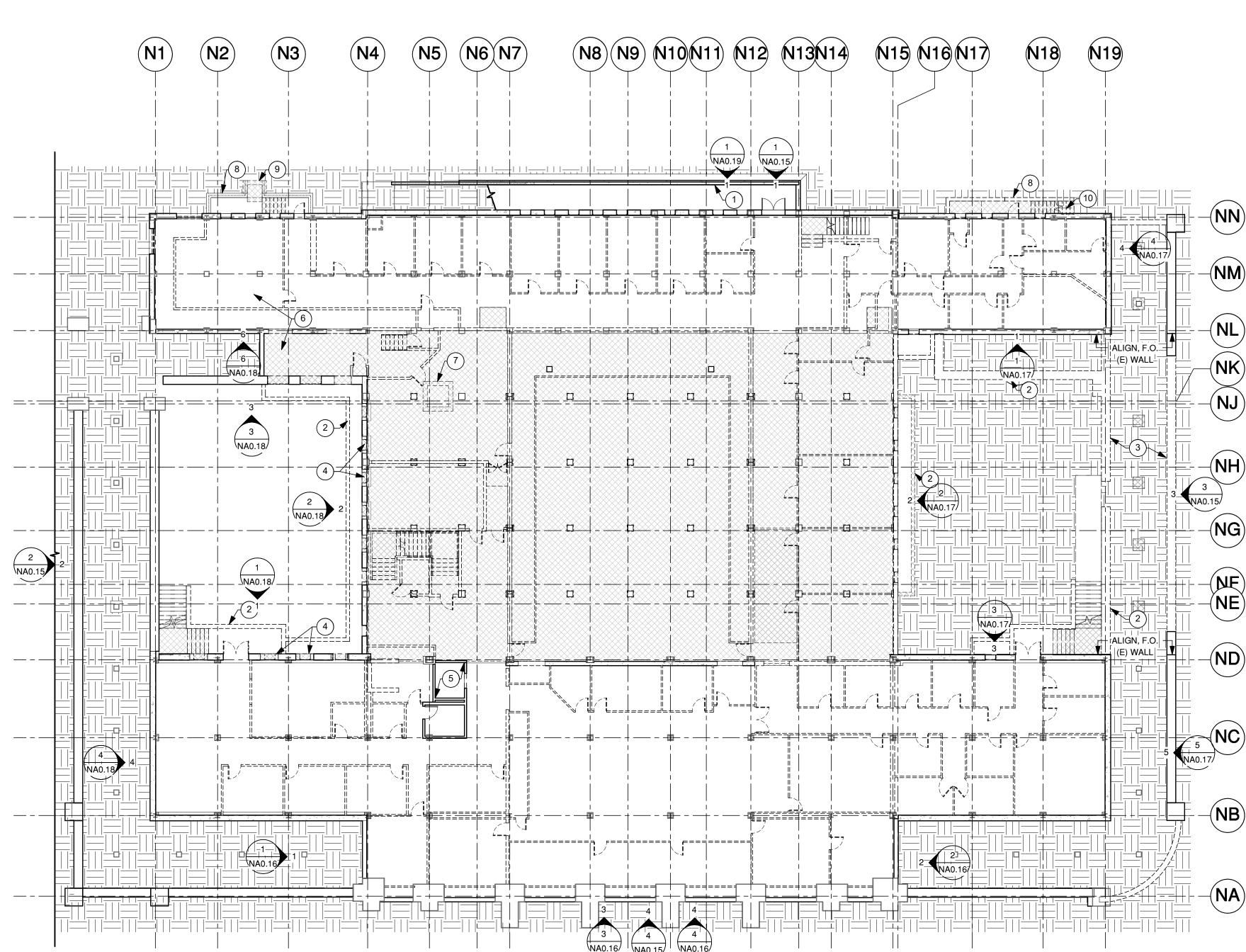
KEYNOTES - DEMOLITION

(1) (E) RAMP AND RETAINING WALL TO REMAIN

- 2 DEMOLISH (E) AREAWAY, INCLUDING ASSOCIATED STAIRS, RAILING, CONDUIT, AND LIGHT FIXTURES, U.O.N.
- 3 DEMOLISH (E) SUSPENDED SLAB ABOVE AND BELOW-GRADE RETAINING WALLS
- 4 PROVIDE NEW OPENINGS FOR NEW WINDOWS AND DOORS
- 5 (E) ELEVATOR TO BE REMOVED AND REPLACED WITH (N), SEE GENERAL NOTE

6 (E) MECHANICAL ROOMS. REMOVE ALL EQUPIMENT, CURBS, PIPING, PANELS,

- CONDUIT, ETC.
- 7 EXISTING SUMP AREAS TO BE INFILLED PER STRUCTURAL 8 (E) AREAWAY TO REMAIN
- 9 DEMOLISH (E) STAIRS AND ASSOCIATED RAILINGS
- 10 DEMOLISH (E) STAIR. PREPARE FOR (N) WALL AND SITE WORK



BASEMENT DEMOLITION PLAN

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485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

BASEMENT DEMOLITION PLAN

DRAWN BY TK / AS CHECKED BY MA

- 1. SEE GENERAL NOTES ON NA0.10
- 2. PROTECT EXISTING EXTERIOR STONE AND STUCCO FINISHES TO REMAIN, TYPICAL THROUGHOUT.
- 3. SOUTH COURTYARD SCOPE: EXISTING BIRCH TREES AND FOUNTAIN TO BE RELOCATED TO NORTH COURTYARD. SEE TREE RELOCATION SCOPE ON L1.1. DEMOLISH ALL REMAINING MATERIALS. REMOVE EXISTING PLANTERS, BENCHES, STAIRS, RAILINGS, LANDSCAPE, AND HARDSCAPE EXCEPT AS
- 4. DEMOLISH ALL EXISTING EXTERIOR LIGHT FIXTURES EXCEPT AS NOTED TO REMAIN OR TO BE SALVAGED FOR RELOCATION AND REUSE
- 5. PROTECT AND RESTORE INTERIOR FINISH OF ALL EXTERIOR WALLS (EXPECTED 10" LATH AND PLASTER), TYPICAL THROUGHOUT.
- 6. NORTH COURTYARD SCOPE: EXISTING COURYARD TO BE DEMOLISHED AND EXCAVATED DOWN TO BASEMENT LEVEL. PROTECT EXISTING FINISHES ON SURROUNDING WALLS. REMOVE EXISTING PLANTERS, BENCHES, STAIRS, RAILINGS, LANDSCAPE, HARDSCAPE, AND SOIL DOWN TO LOWER LEVEL.

DEMO FLOOR PLAN LEGEND

(E) WALL OR PARTITION TO REMAIN (E) WALL OR PARTITION TO BE REMOVED (E) FLOOR TO BE REMOVED

4 EXISTING LANDING AND METAL STAIRS TO BE DEMOLISHED

6 PROTECT EXISTING COLUMNS TO REMAIN, TYPICAL ON GRIDLINE ND

7 PROTECT EXISTING COLUMNS TO REMAIN, TYPICAL ON GRIDLINE NL

WITH PLYWOOD DURING DEMOLITION AND CONSTRUCTION

9 SALVAGE EXISTING WEDGE LIGHT FIXTURES (x2) FOR REUSE

10 EXISTING TREE WELLS TO BE DEMOLISHED

11 EXISTING FOUNTAIN TO BE RELOCATED, SALVAGE AND PROTECT DURING CONSTRUCTION

12 EXISTING LIGHT FIXTURES TO REMAIN, PROTECT DURING DEMOLITION AND

14 MOSAICS TO BE REMOVED BY OWNER PRIOR TO DEMOLITION

15 EXISTING HANDRAIL TO BE REMOVED; PATCH AND REPAIR CONCRETE TO MATCH

KEYNOTES - DEMOLITION

(1) PROTECT (E) EXTERIOR WALL TO REMAIN

2 EXISTING EXTERIOR WALL TO BE DEMOLISHED; SALVAGE WINDOWS FOR REUSE AS INDICATED IN WINDOW AND DOOR ASSESSMENT; SALVAGE PORTION OF WALL FOR CEMENT PLASTER MATCH

3 EXISTING LOW WALL TO BE DEMOLISHED

5 EXISTING ELEVATOR, SEE GENERAL NOTE 8/A1.00.

8 EXISTING STAINED CONCRETE AND ALL WALL FINISHES TO REMAIN, PROTECT

CONSTRUCTION

13 SLAB DEMO AT (N) STAIR RUN

ADJACENT FINISH

16 NEW SLAB OPENING FOR LIBRARY READING ROOM

17 EXISTING CONCRETE STAIRS AND METAL HANDRAILS TO BE DEMOLISHED

18 EXISTING RAILING TO BE DEMOLISHED

19 EXISTING AUDITORIUM, INCLUDING ALL FRAMING AND SLABS, TO BE DEMOLISHED ON LEVELS 1, 2, AND 3

20 POTENTIAL LOCATION OF (E) MURAL, REMOVE COVER BOARD AND CONFIRM W/

UNIVERSITY IF MURALS ARE TO BE SALVAGED OR DEMOLISHED

21 PATCH AND REPAIR (E) INTERIOR PLASTER ON EXTERIOR WALL WHERE DEMOLISHED INTERIOR WALLS JOIN, TYP.

22 PROTECT (E) PLASTER COLUMNS AND TILE BASE TO REMAIN, TYPICAL ON GRIDLINE NC

23 PROTECT (E) TILE FLOOR & COFFERED CEILING TO REMAIN IN LOBBY

24 (E) WINDOWS TO BE RESTORED; REFER TO WINDOW AND DOOR ASSESSMENT FOR SCOPE OF REFURBISHMENT

25 DEMO (E) STAIR. REPAIR ALL EXISTING SURFACES WITH PLASTER FINISH 26 PROTEXT (E) RAILING TO REMAIN

27 DEMO (E) PARTIAL HEIGHT WALL. REPAIR EXISTING PLASTER AT WALL RETURN 28 PATCH AND REPAIR CORES IN (E) LOW WALL FROM RAILING REMOVAL. MATCH (E)

29 DEMOLISH EXISTING INTERIOR FURRED WALL FOR NEW DOOR AND RECESS

30 (E) RADIATOR TO BE REMOVED

PLASTER FINISH

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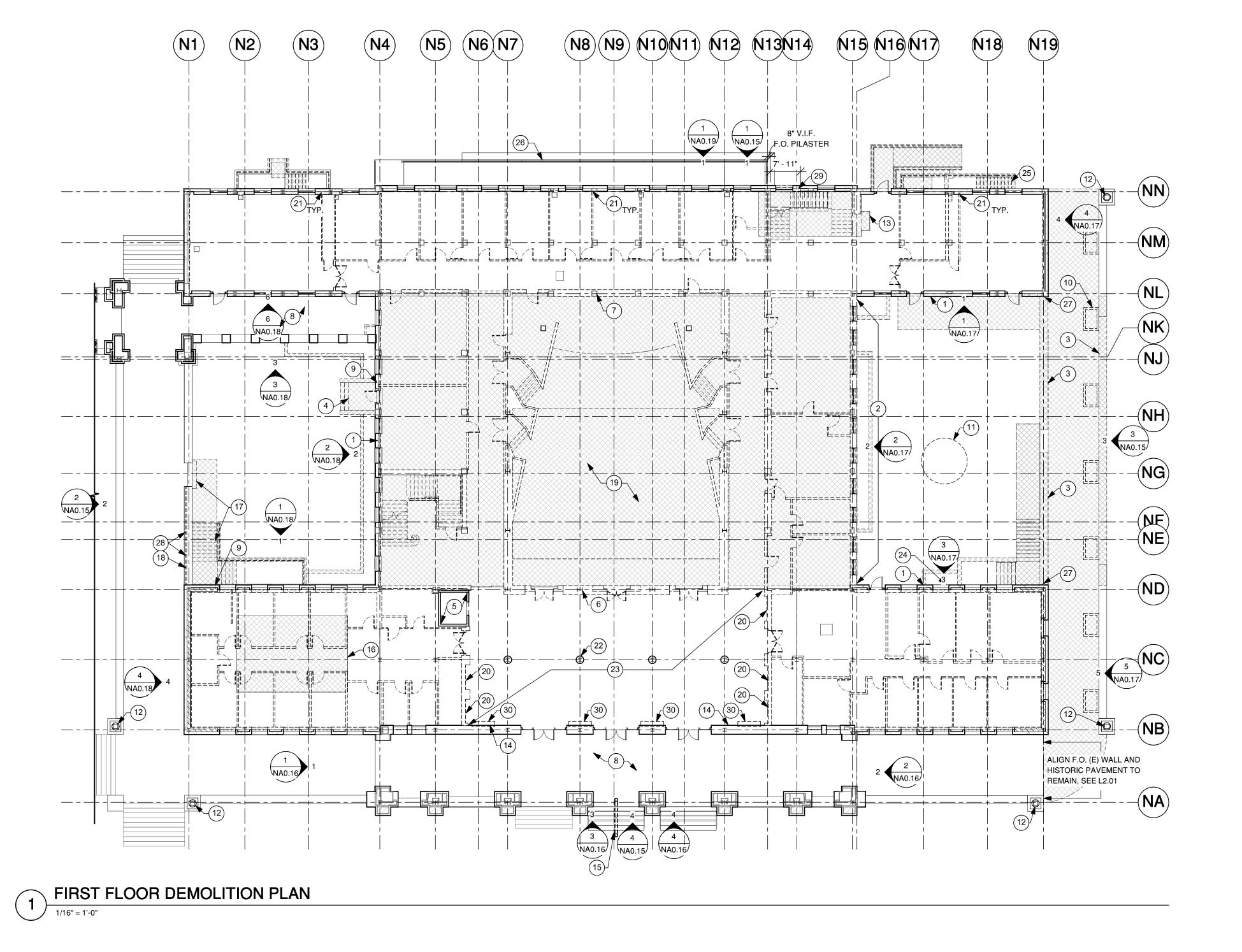
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SHEET TITLE

1ST FLOOR DEMOLITION PLAN

DRAWN BY TK / AS CHECKED BY MA



- 1. SEE GENERAL NOTES ON NA0.10 AND NA0.11
- 2. REFER TO DEMOLITION ELEVATIONS FOR SCOPE OF EXISTING CASEWORK MODIFICATIONS

DEMO FLOOR PLAN LEGEND

(E) WALL OR PARTITION TO REMAIN

[_____] (E) WALL OR PARTITION TO BE REMOVED

(E) FLOOR TO BE REMOVED

KEYNOTES - DEMOLITION

STANDARDS NOTED IN SPECIFICATION.

LEVEL 2 AND 3, SEE GENERAL NOTE 8/A1.00

(1) EXISTING CUBBERLY AUDITORIUM TO BE DEMOLISHED

4 PROTECT EXISTING ROOF TILES DURING DEMOLITION. ROOF TILES TO BE

6 PROTECT EXISTING COLUMNS TO REMAIN, TYPICAL ON GRIDLINE ND

7 PROTECT EXISTING COLUMNS TO REMAIN, TYPICAL ON GRIDLINE NL

REMOVED, CLEANED, AND STORED FOR RE-INSTALLATION. FOLLOW UNIVERSITY

5 EXISTING ELEVATOR AND ALL ASSOCIATED CONSTRUCTION TO BE REMOVED ON

- INTERIOR WALLS JOIN, TYP. 2 EXISTING EXTERIOR WALL TO BE DEMOLISHED; SALVAGE WINDOWS FOR REUSE AS INDICATED IN WINDOW AND DOOR ASSESSMENT; SALVAGE PORTION OF WALL 10 EXISTING WINDOWS TO BE RESTORED IN PLACE; REFER TO WINDOW AND DOOR FOR CEMENT PLASTER MATCH
- ASSESSMENT FOR SCOPE OF REFURBISHMENT 3 EXISTING WALL TO REMAIN, REMOVE SLAB UP TO INTERIOR FACE OF WALL
 - 11 EXISTING CEILING TO REMAIN. PATCH & REPAIR AS REQUIRED FOR NEW CONSTRUCTION

 - 12 DEMOLISH SURFACE MOUNTED POWER RECEPTACLES & RACEWAYS
 - 13 EXISTING CEILING TO BE DEMOLISHED
 - 14 REMOVE AND SALVAGE EXISTING BOOK THEFT DETECTORS. STORE FOR REUSE.

9 PATCH EXISTING INTERIOR PLASTER ON EXTERIOR WALL WHERE DEMOLISHED

15 DEMOLISH (E) FRAMED STUCCO WALL FINISH FOR NEW DOOR ROUGH OPENING. SEE DOOR DETAILS ON A7.13.

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NORTH BUILDING GRADUATE SCHOOL OF EDUCATION

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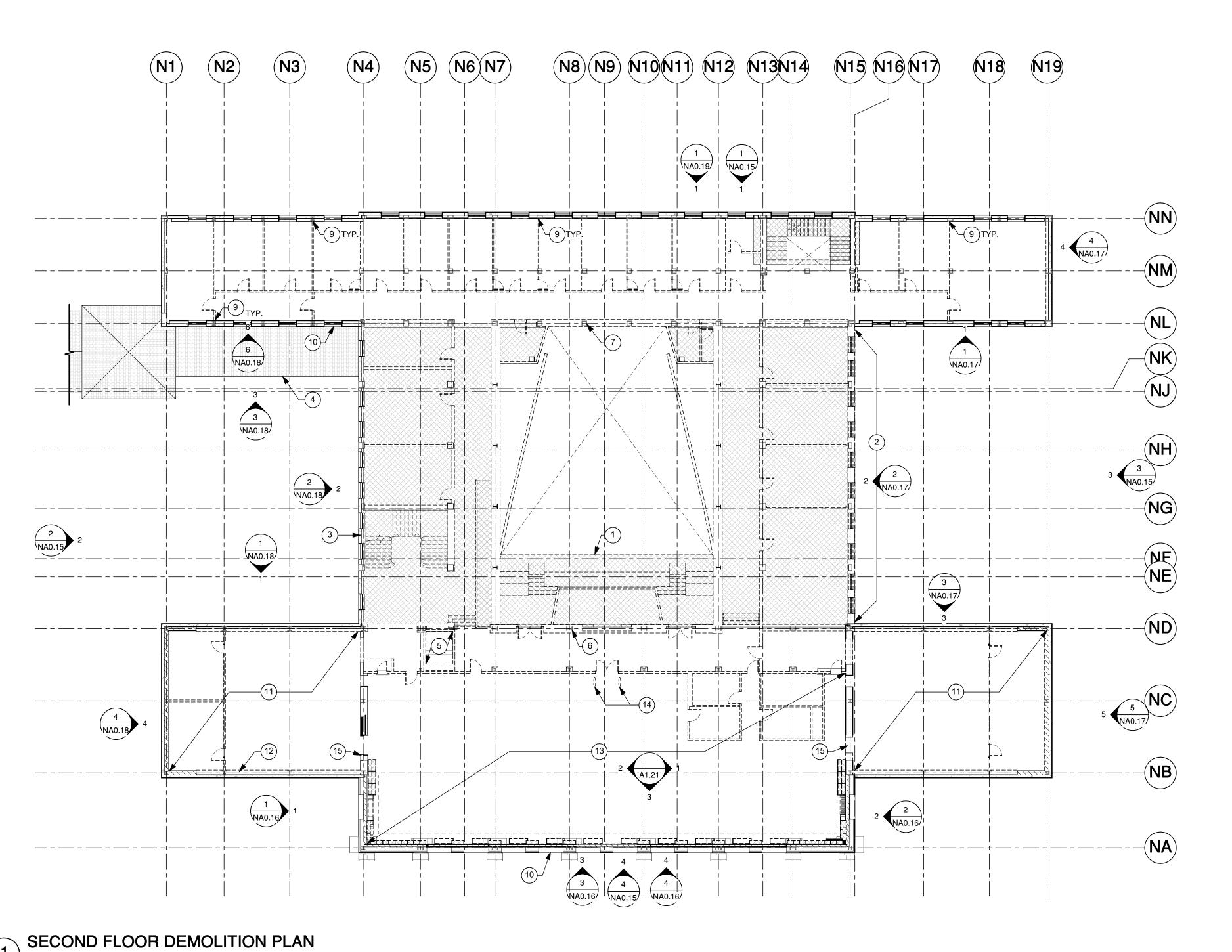
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SHEET TITLE

2ND FLOOR DEMOLITION PLAN

DRAWN BY TK / AS

CHECKED BY MA



- 1. SEE GENERAL NOTES ON NA0.10 AND NA0.11
- 2. REFER TO DEMOLITION ELEVATIONS FOR SCOPE OF EXISTING CASEWORK MODIFICATIONS

DEMO FLOOR PLAN LEGEND

(E) WALL OR PARTITION TO REMAIN

[_____] (E) WALL OR PARTITION TO BE REMOVED

(E) FLOOR TO BE REMOVED

KEYNOTES - DEMOLITION

- (1) EXISTING CUBBERLY AUDITORIUM TO BE DEMOLISHED
- 2 EXISTING EXTERIOR WALL TO BE DEMOLISHED; SALVAGE WINDOWS FOR REUSE AS INDICATED IN WINDOW AND DOOR ASSESSMENT: SALVAGE PORTION OF WALL FOR CEMENT PLASTER MATCH
- 3 EXISTING WALL TO REMAIN, REMOVE SLAB UP TO INTERIOR FACE OF WALL
- 4 PROTECT EXISTING ROOF TILES DURING DEMOLITION. ROOF TILES TO BE REMOVED, CLEANED, AND STORED FOR RE-INSTALLATION. FOLLOW UNIVERSITY STANDARDS NOTED IN SPECIFICATION.
- 5 EXISTING ELEVATOR, SEE GENERAL NOTE 8/A1.00.
- 6 PROTECT EXISTING COLUMNS TO REMAIN, TYPICAL ON GRIDLINE ND 7 PROTECT EXISTING COLUMNS TO REMAIN, TYPICAL ON GRIDLINE NL
- 8 PATCH EXISTING INTERIOR PLASTER ON EXTERIOR WALL WHERE DEMOLISHED INTERIOR WALLS JOIN, TYP.
- 9 EXISTING WINDOWS TO BE RESTORED, UON; REFER TO WINDOW AND DOOR ASSESSMENT FOR SCOPE OF REFURBISHMENT

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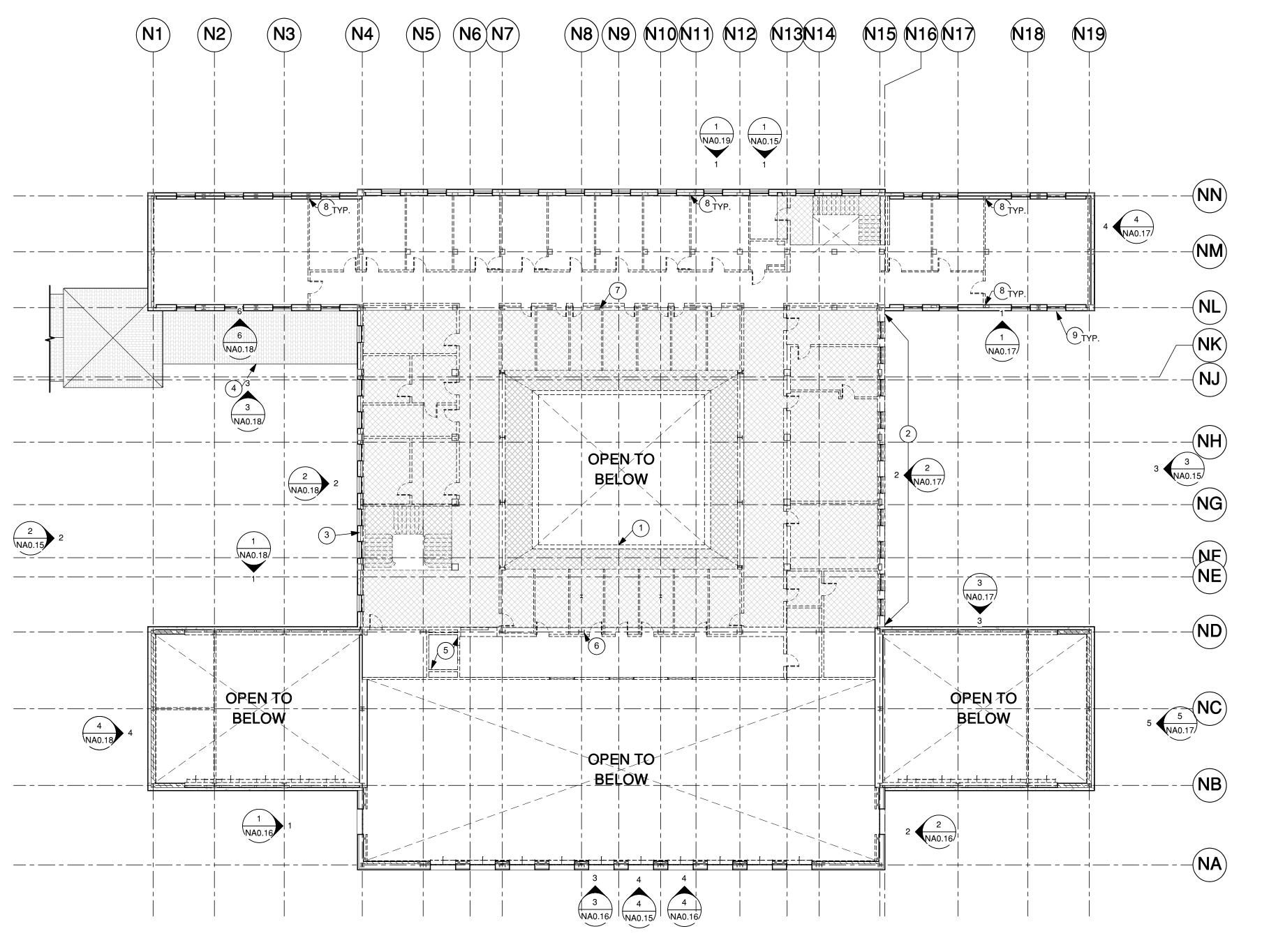
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SHEET TITLE

3RD FLOOR DEMOLITION PLAN

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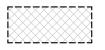


THIRD FLOOR DEMOLITION PLAN

- 1. SEE GENERAL NOTES ON NA0.10 AND NA0.11
- 2. ROOF SCOPE: EXISTING CLAY ROOF TILES TO BE REMOVED, CLEANED, AND STORED FOR RE-INSTALLATION. EXISTING SHEATHING TO BE INSPECTED AND ANY DAMAGED OR DETERIORATED SHEATHING TO BE REPLACED IN KIND.
- 3. VERIFY CONTINUOUS MEMBRANE WATERPROOFING EXISTS IN GOOD CONDITION IN ALL AREAS. REPLACE WATERPROOFING IF CONDITION IS POOR PER UNIVERSITY REVIEW

DEMO ROOF PLAN LEGEND

(E) ROOF TO BE REMOVED AND REINSTALLED WITH SEISMIC WIRING



(E) ROOF TO BE REMOVED AND RECONSTRUCTED PER PROPOSED ROOF PLAN. SALVAGE ALL CLAY TILES FOR REUSE.

KEYNOTES - DEMOLITION

- 1) EXISTING ROOF DRAINS TO BE REMOVED AND REPLACED WITH NEW
- 2 EXISTING GUTTERS TO BE PROTECTED AND REUSED
- 3 EXISTING WALKWAY ROOF NOT IN SCOPE
- 4 PROTECT EXISTING ROOF TILES DURING DEMOLITION. ROOF TILES TO BE REMOVED, CLEANED, AND STORED FOR RE-INSTALLATION. FOLLOW UNIVERSITY STANDARDS NOTED IN SPECIFICATION.
- 6 PROTECT EXISTING CORNICE UP TO CORNER OF WALL AT GRIDLINE N15



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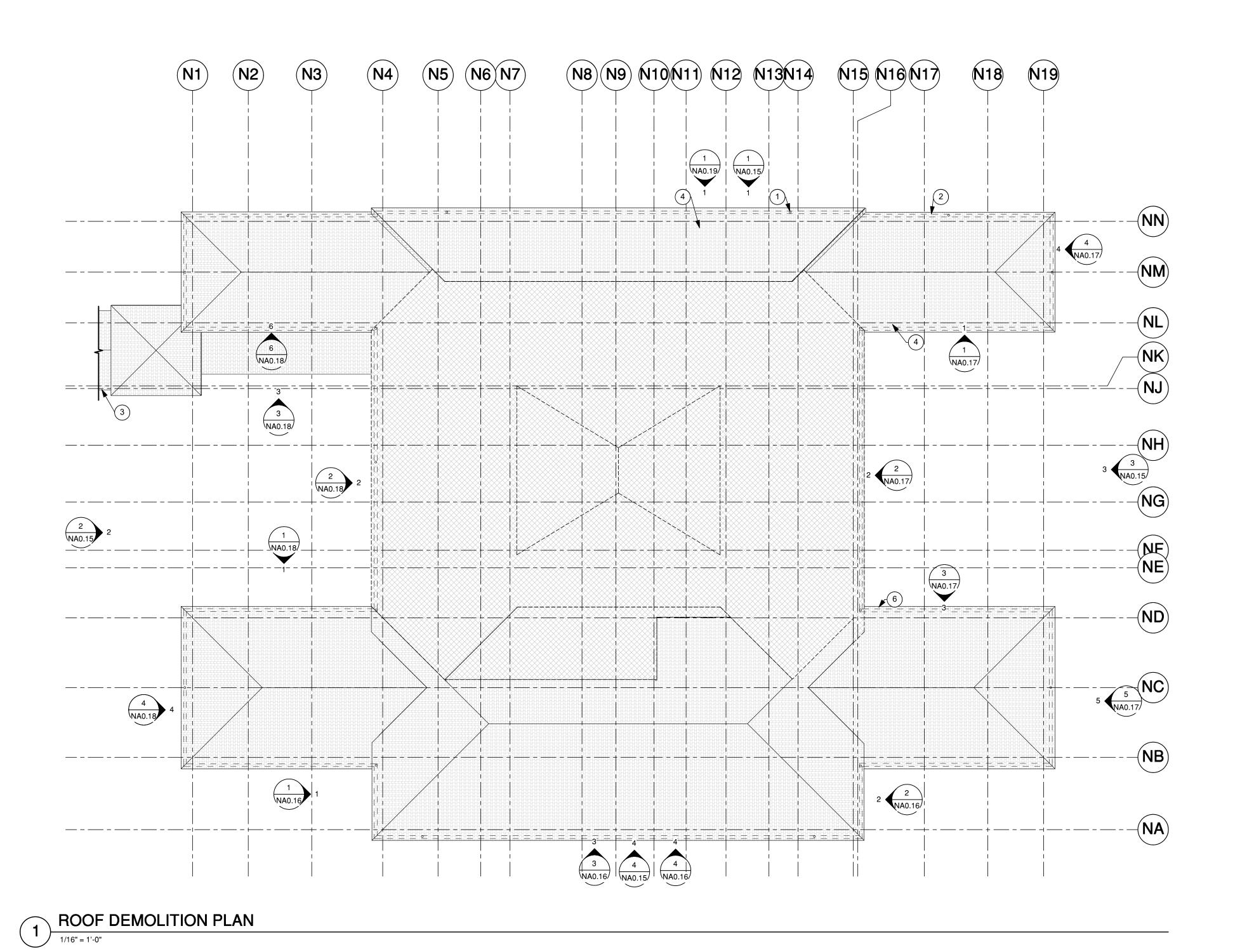
ROOF DEMOLITION PLAN

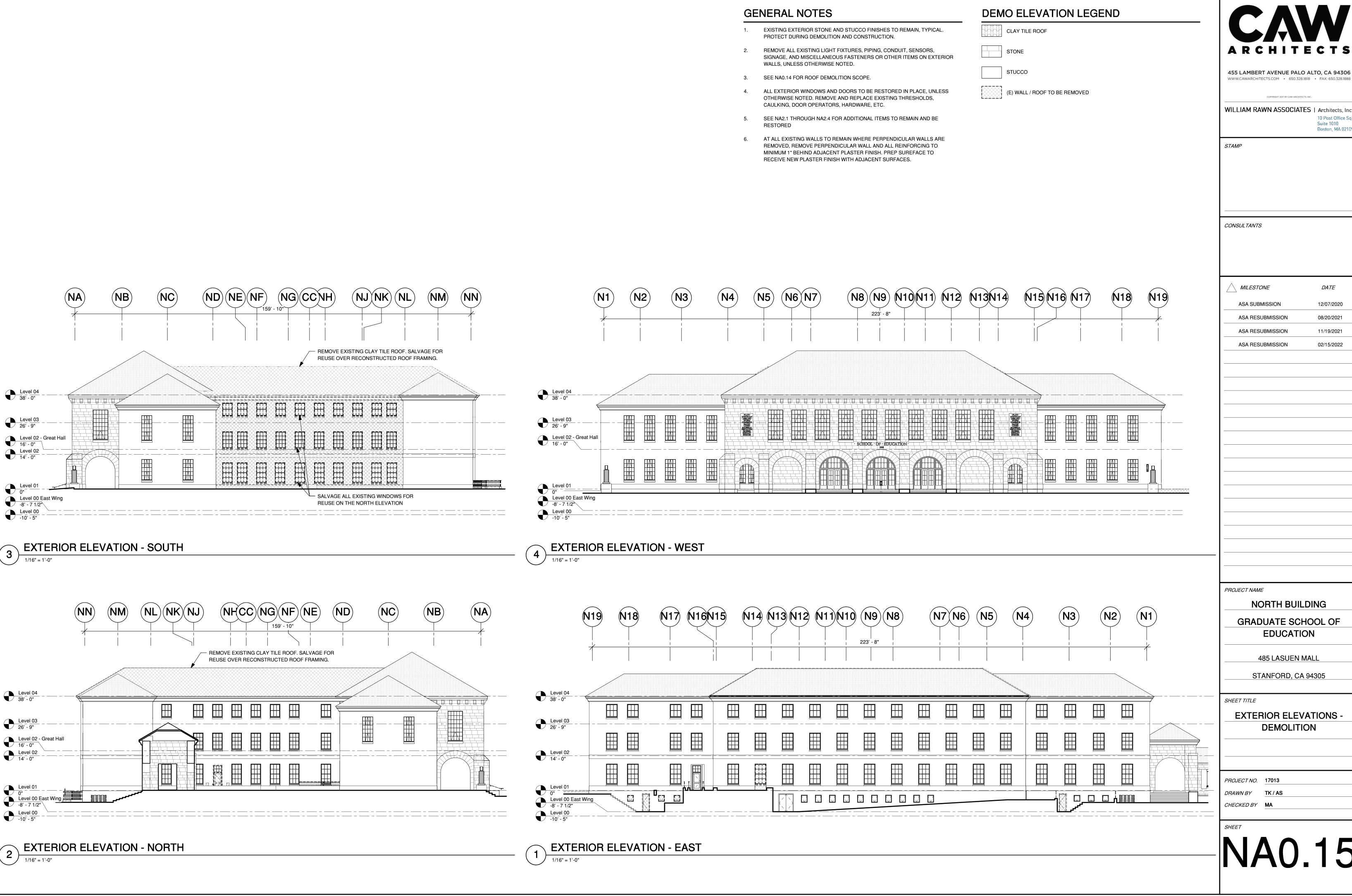
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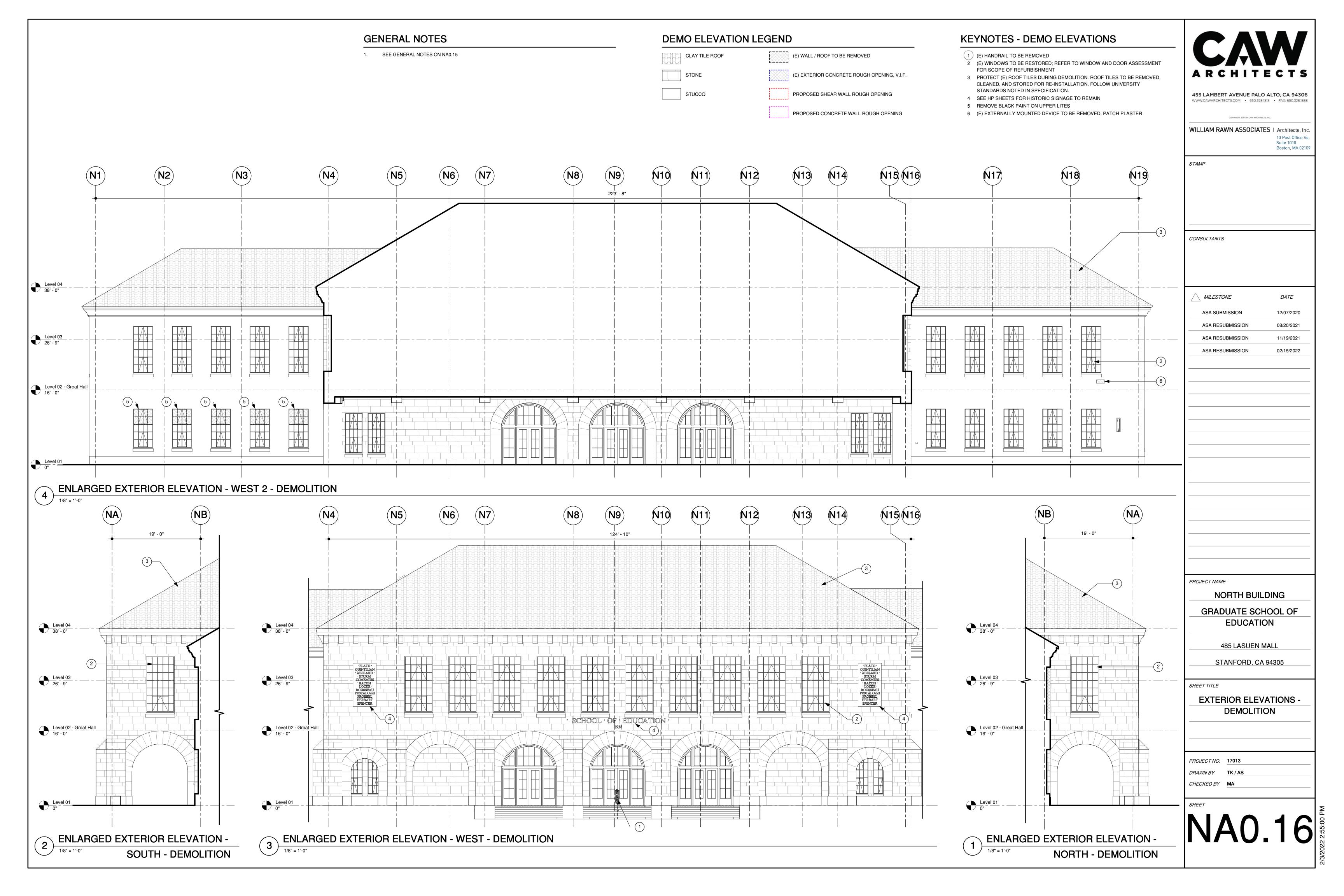
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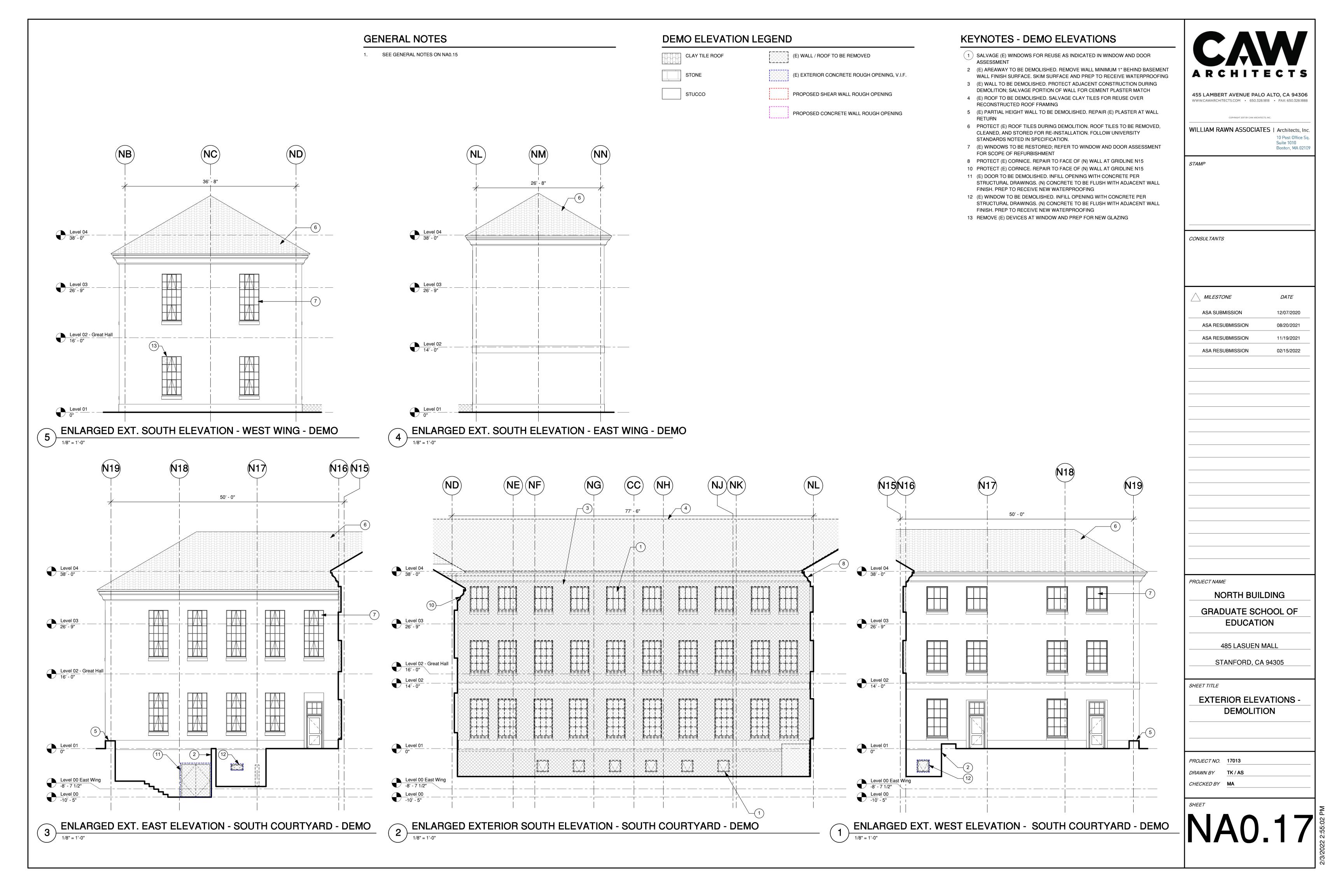
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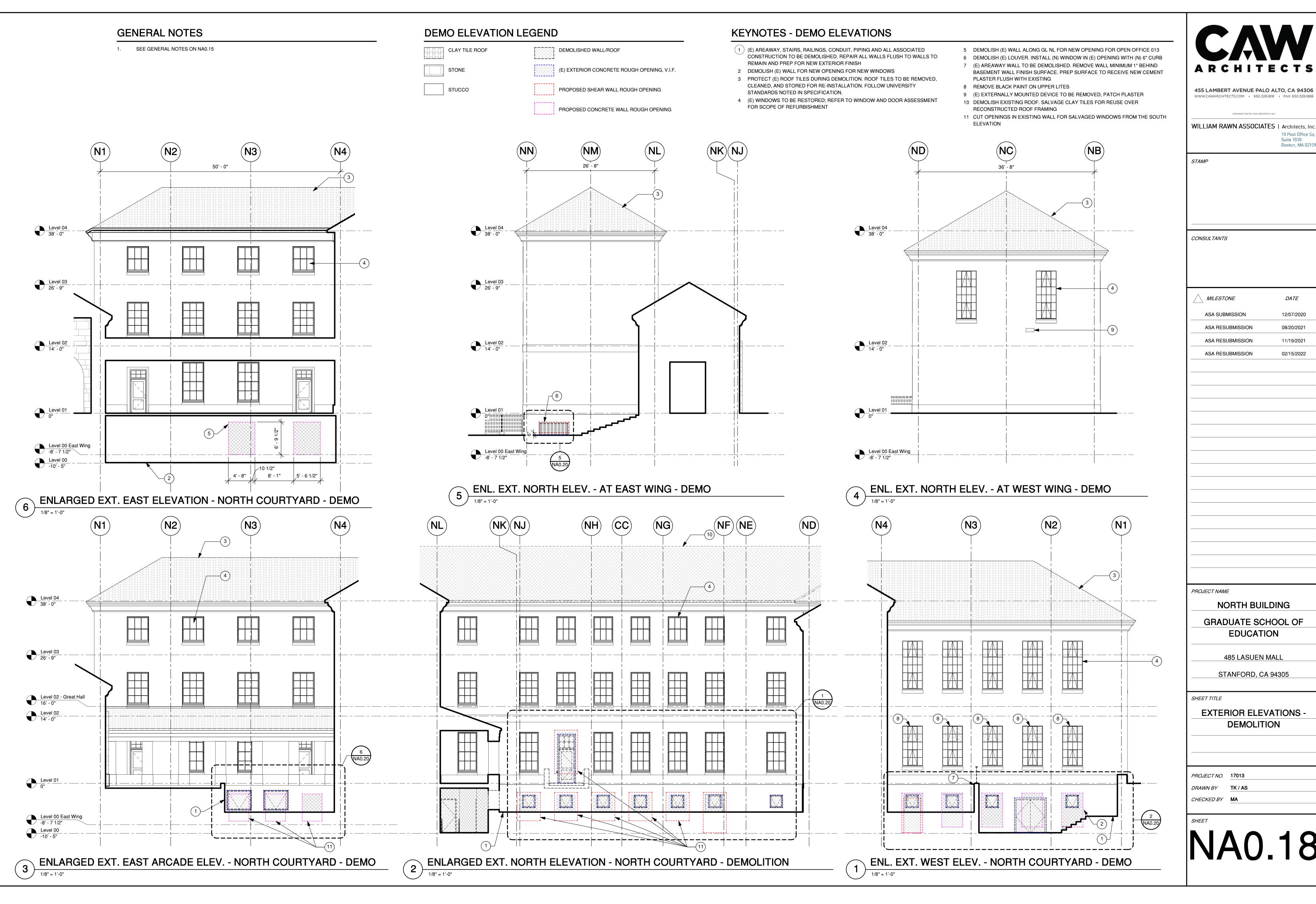
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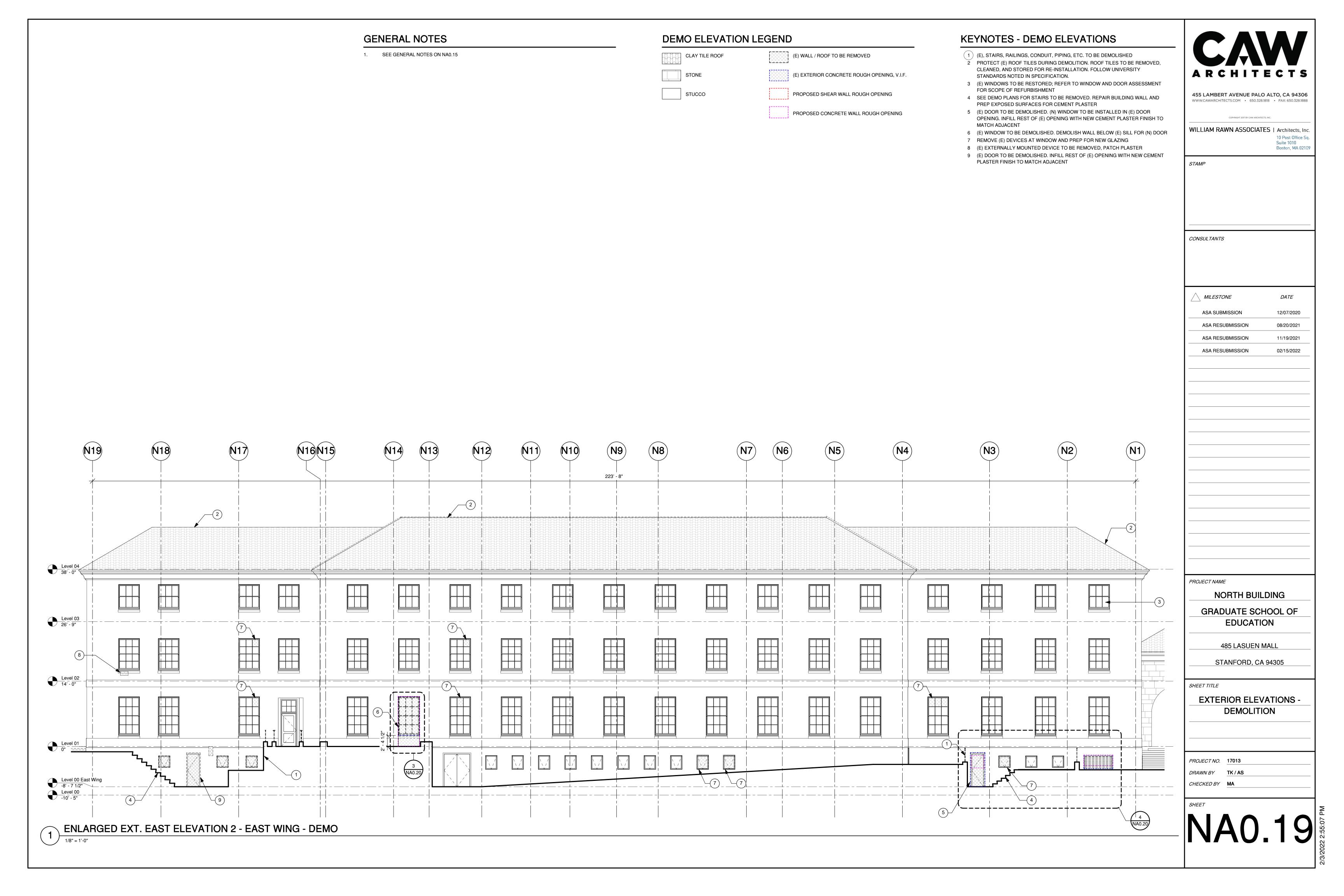


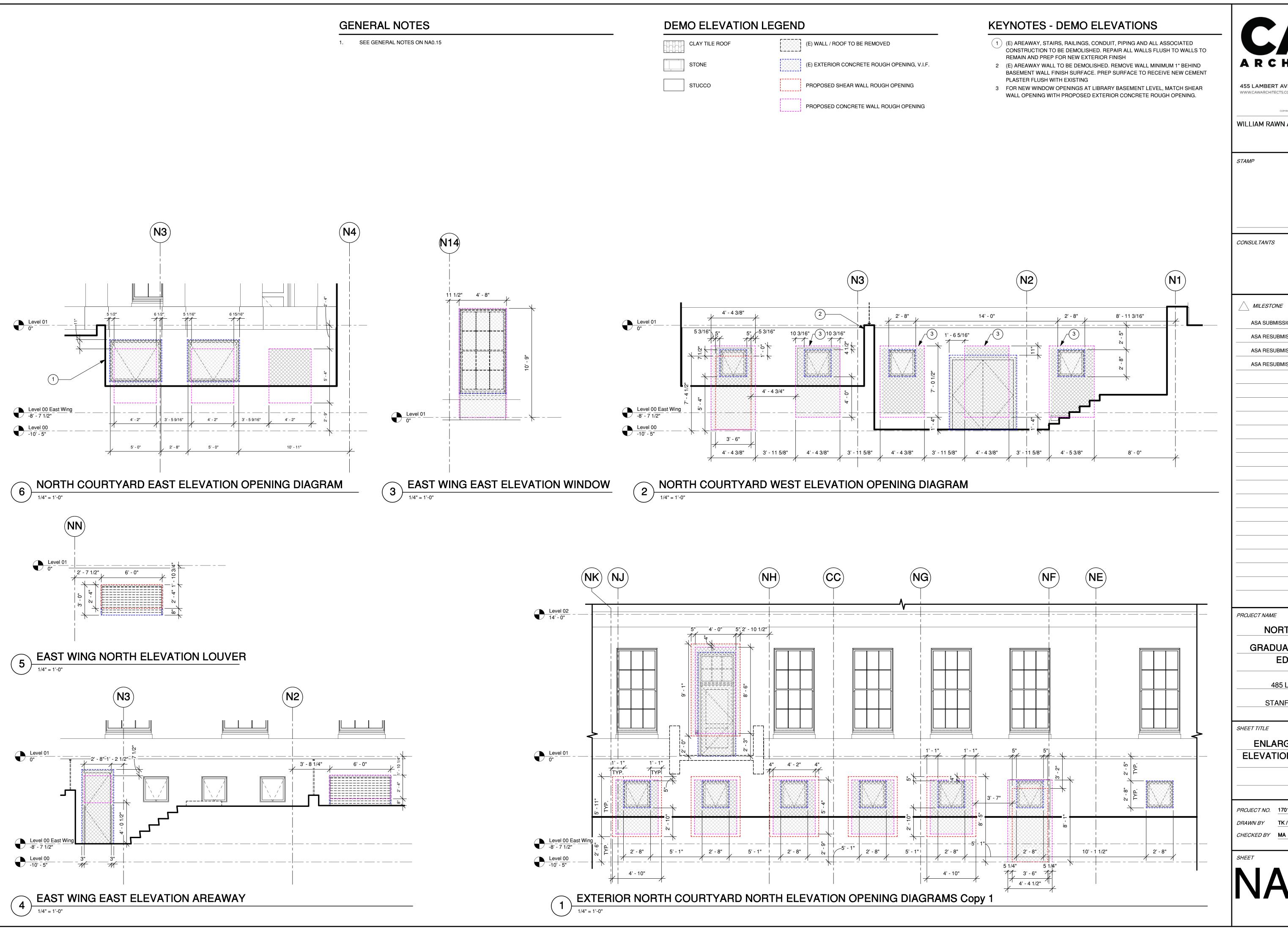
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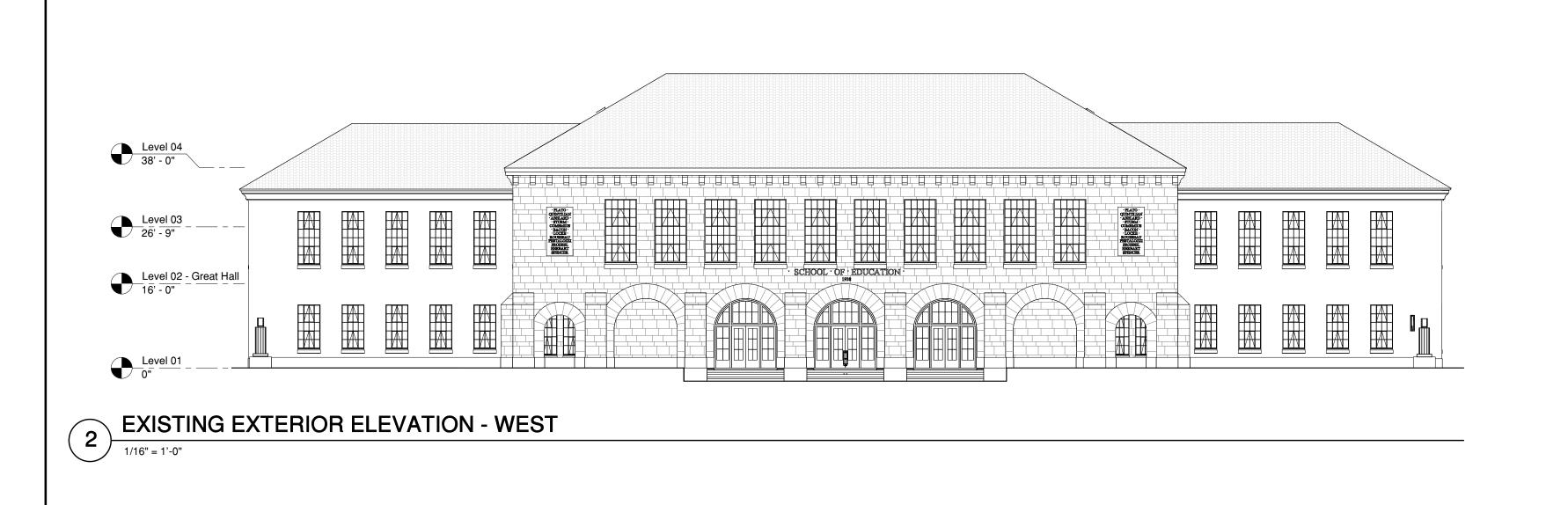
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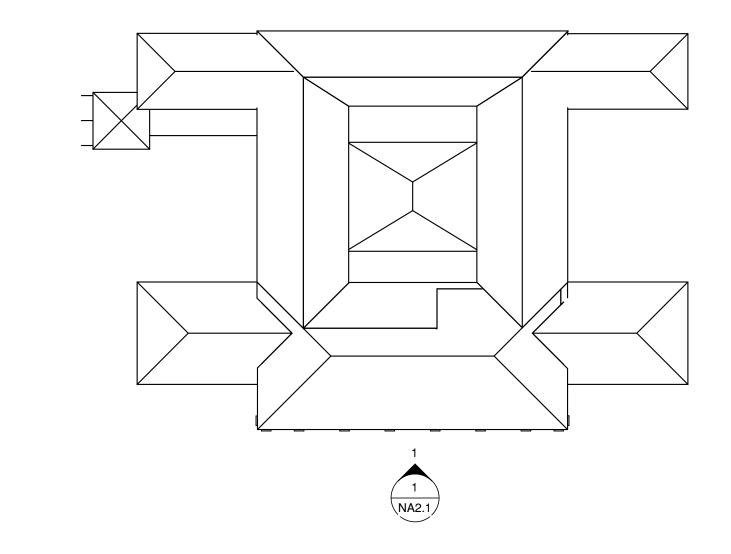
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ENLARGED EXTERIOR ELEVATIONS - DEMOLITION





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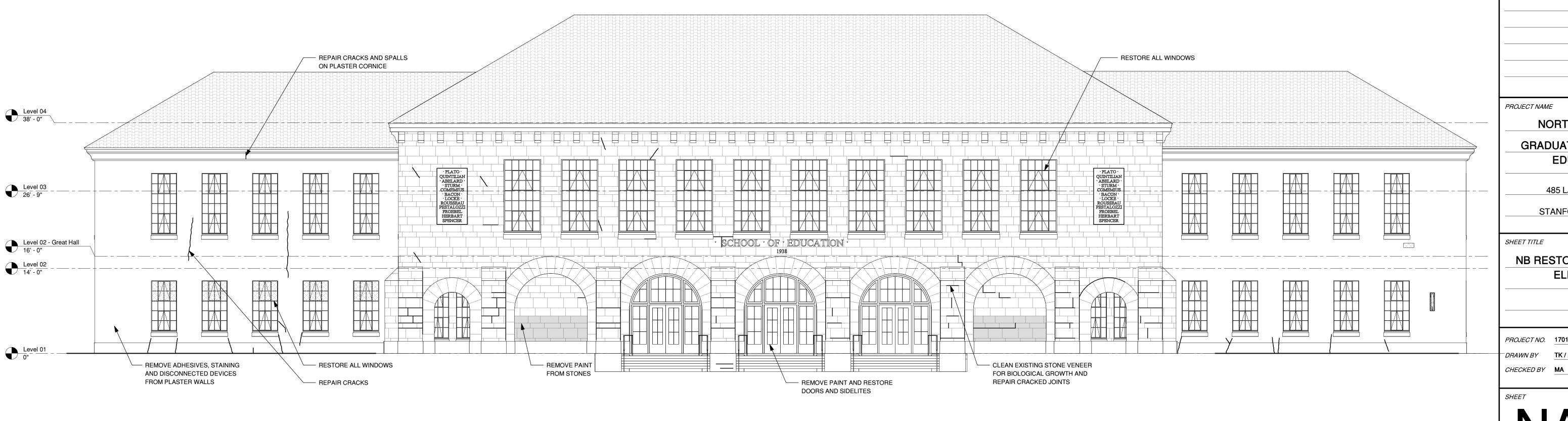
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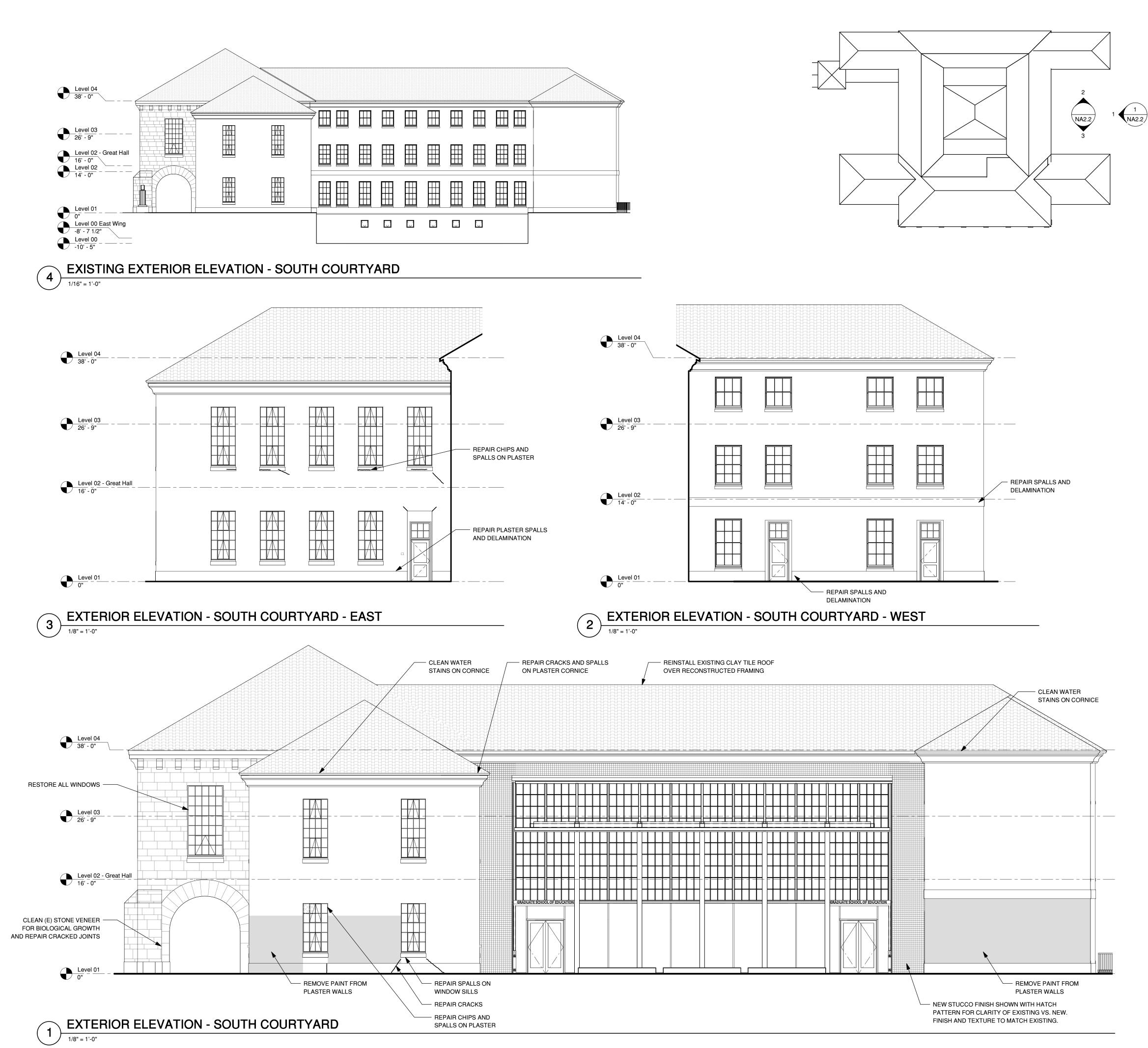
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NB RESTORATION - WEST ELEVATION

PROJECT NO. 17013 DRAWN BY TK / AS



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



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EDUCATION

GRADUATE SCHOOL OF

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SHEET TITLE

NB RESTORATION - SOUTH ELEVATION

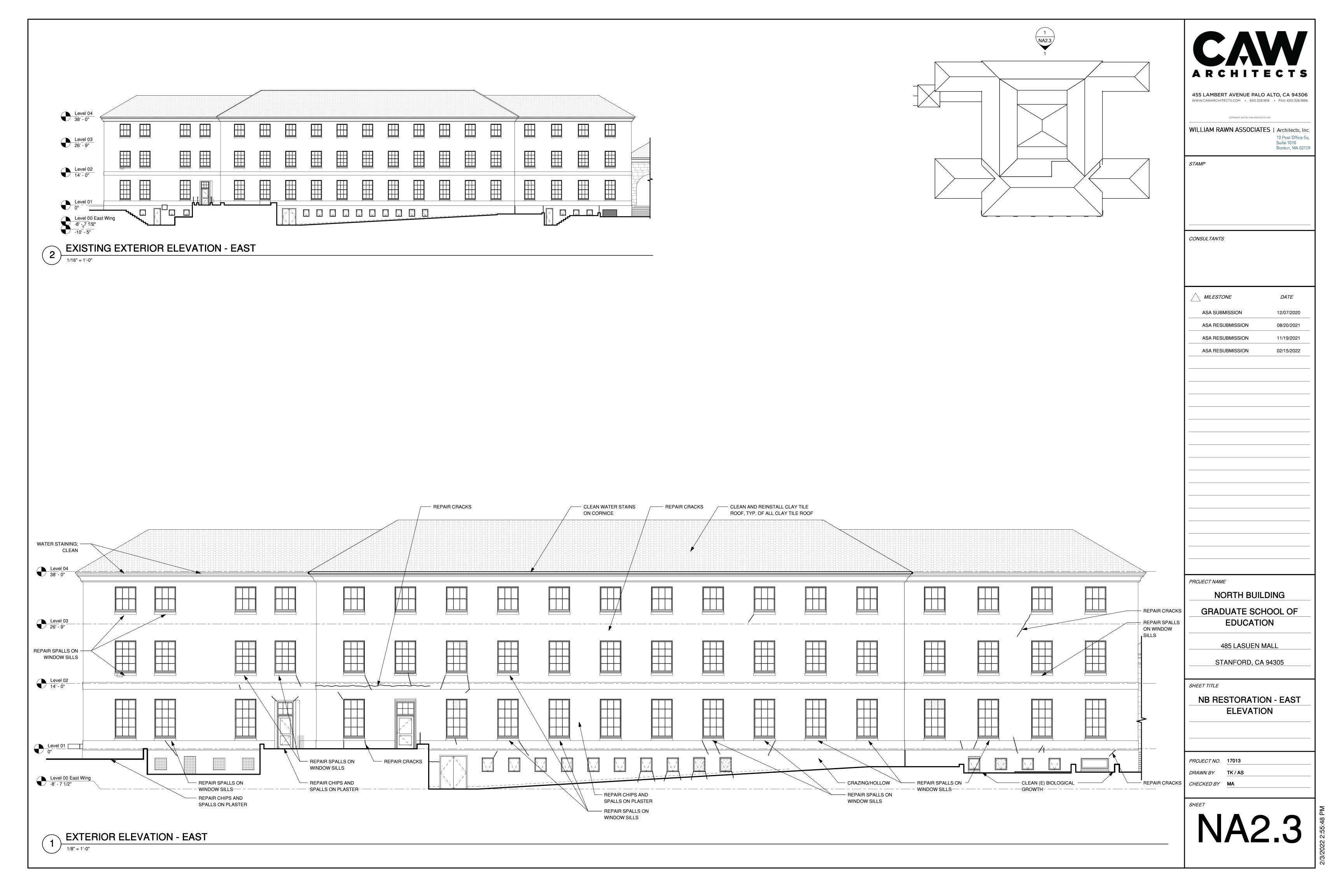
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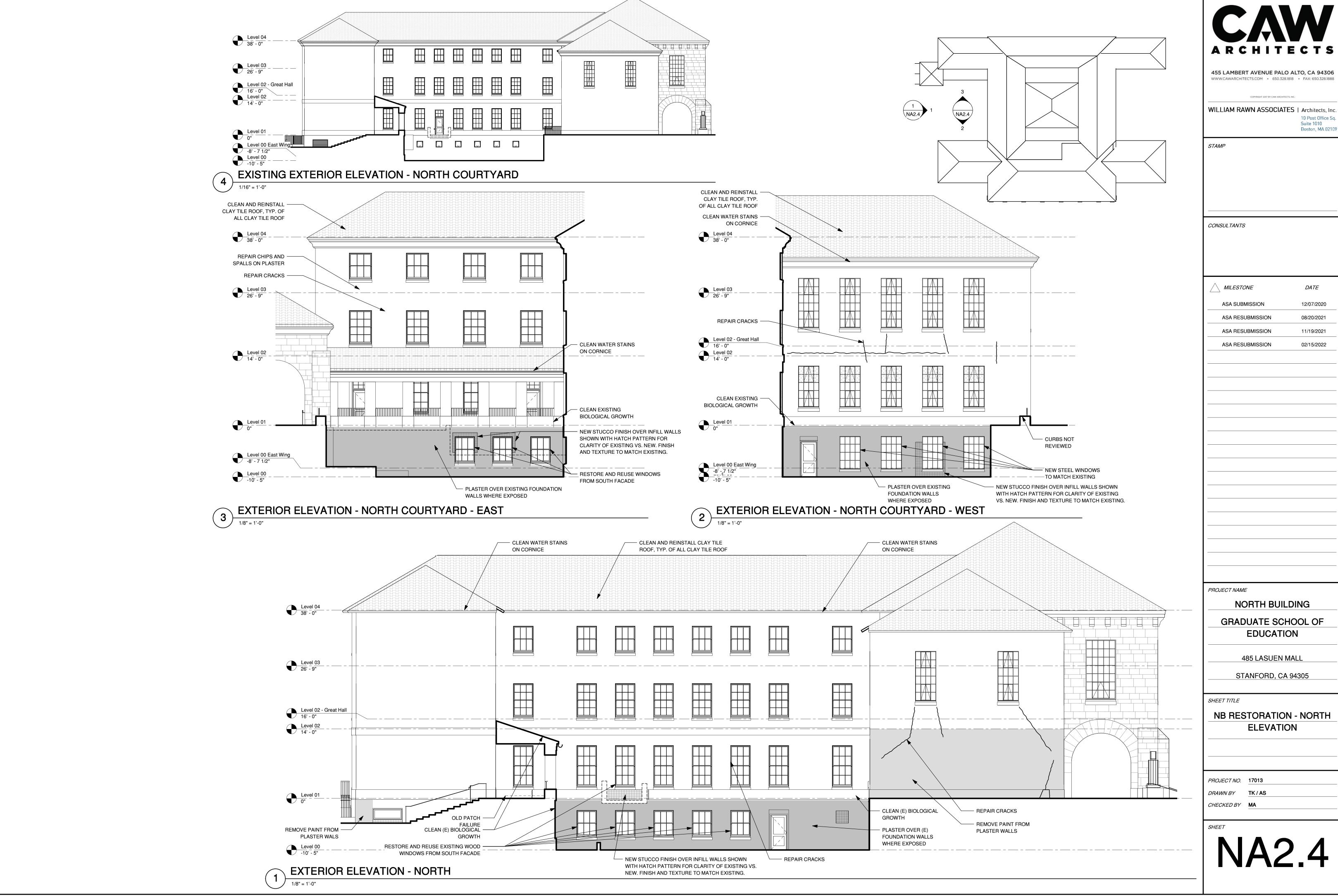
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12/07/2020 02/15/2022

GUP **GROSS** 2,150 GSF SECOND FLOOR 2,076 SF FIRST FLOOR 8,607 SF 8,711 GSF **BASEMENT** 0 SF 453 GSF TOTAL 10,683 SF 11,314 GSF BARNUM FAMILY CENTER (PORTION TO BE DEMOLISHED) | WILLIAM RAWN ASSOCIATES | Architects, Inc.

BARNUM FAMILY CENTER

GROSS SECOND FLOOR 2,076 SF 2,150 GSF FIRST FLOOR 5,122 SF 8,711 GSF **BASEMENT** 0 SF 453 GSF TOTAL 7,198 SF 7,376 GSF

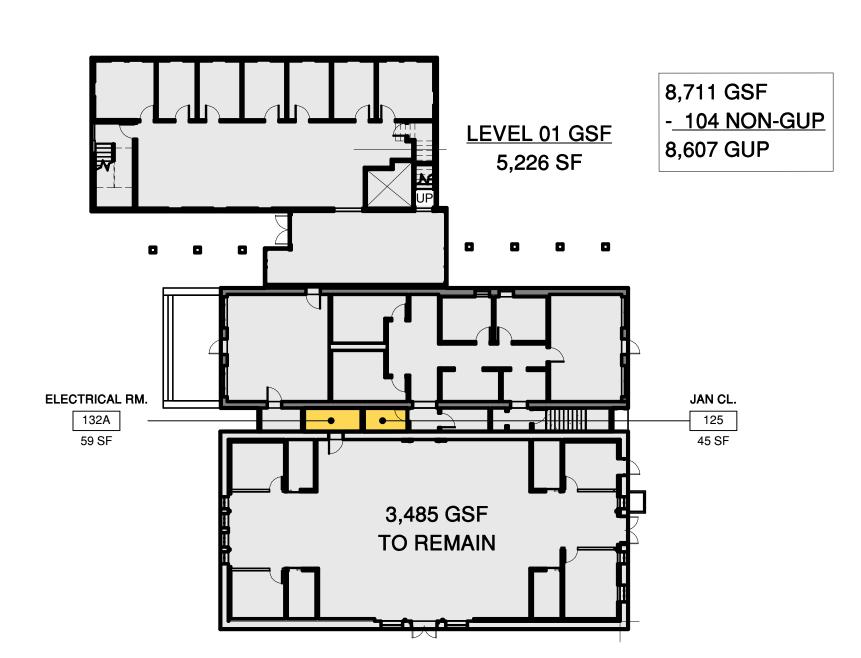
BARNUM FAMILY CENTER (PORTION TO REMAIN)

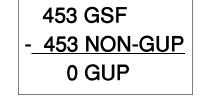
	GUP	GROSS
SECOND FLOOR	0 SF	0 GSF
FIRST FLOOR	3,485 SF	3,485 GSF
BASEMENT	0 SF	453 GSF
TOTAL	3,485 SF	3,938 GSF

2,150 GSF - 74 NON-GUP LEVEL 01 GSF 2,076 GUP 2,150 SF **ELEVATOR**

SECOND FLOOR PLAN - EXISTING BARNUM

1" = 20'-0"



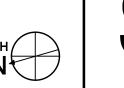




PIRST FLOOR PLAN - EXISTING BARNUM

1" = 20'-0"

BASEMENT - EXISTING BARNUM





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DATE MILESTONE ASA SUBMISSION 12/07/2020 ASA RESUBMISSION 08/20/2021 11/19/2021 ASA RESUBMISSION ASA RESUBMISSION 02/15/2022

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL STANFORD, CA 94305

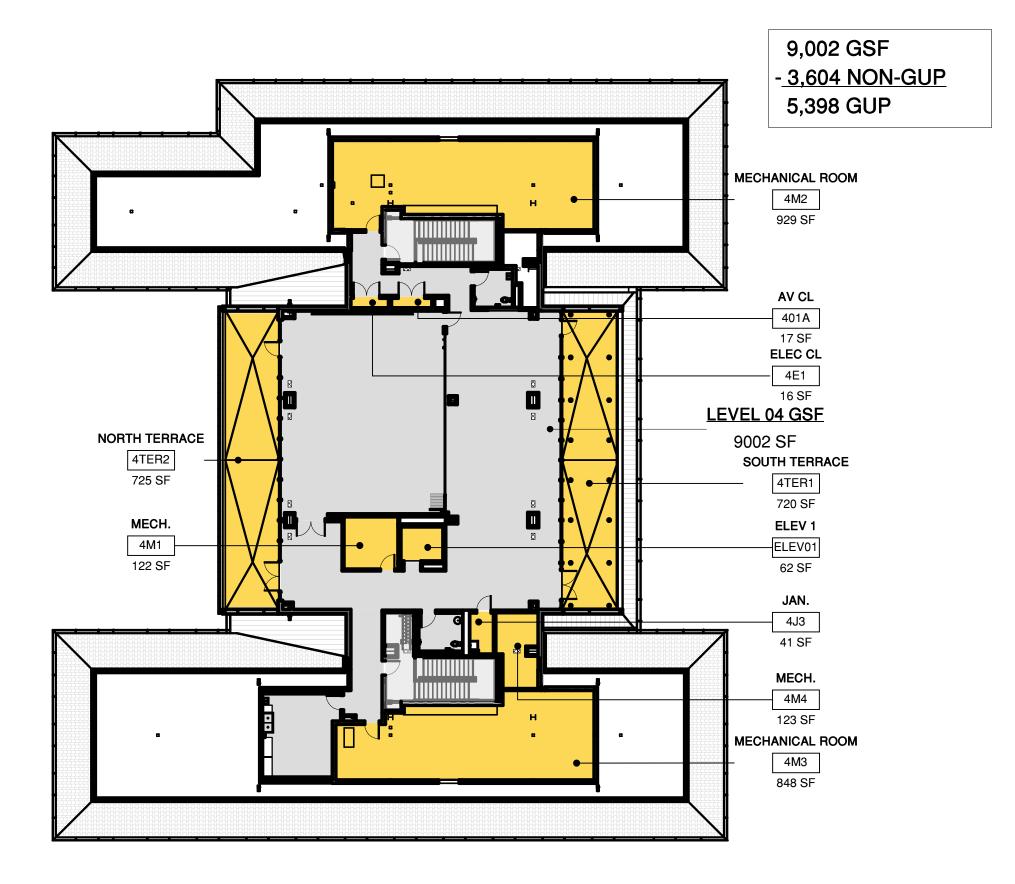
SHEET TITLE

BARNUM GUP ANALYSIS -EXISTING

PROJECT NO. 17013 DRAWN BY TK / AE

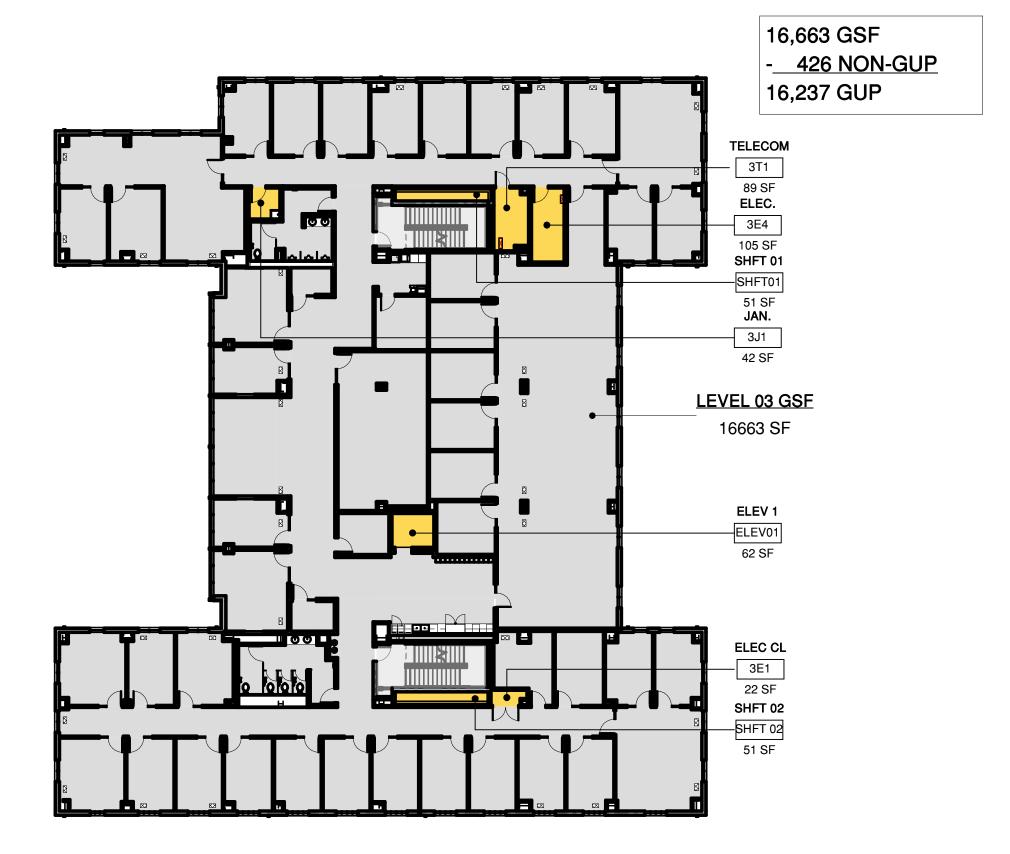
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TRUE NORTH



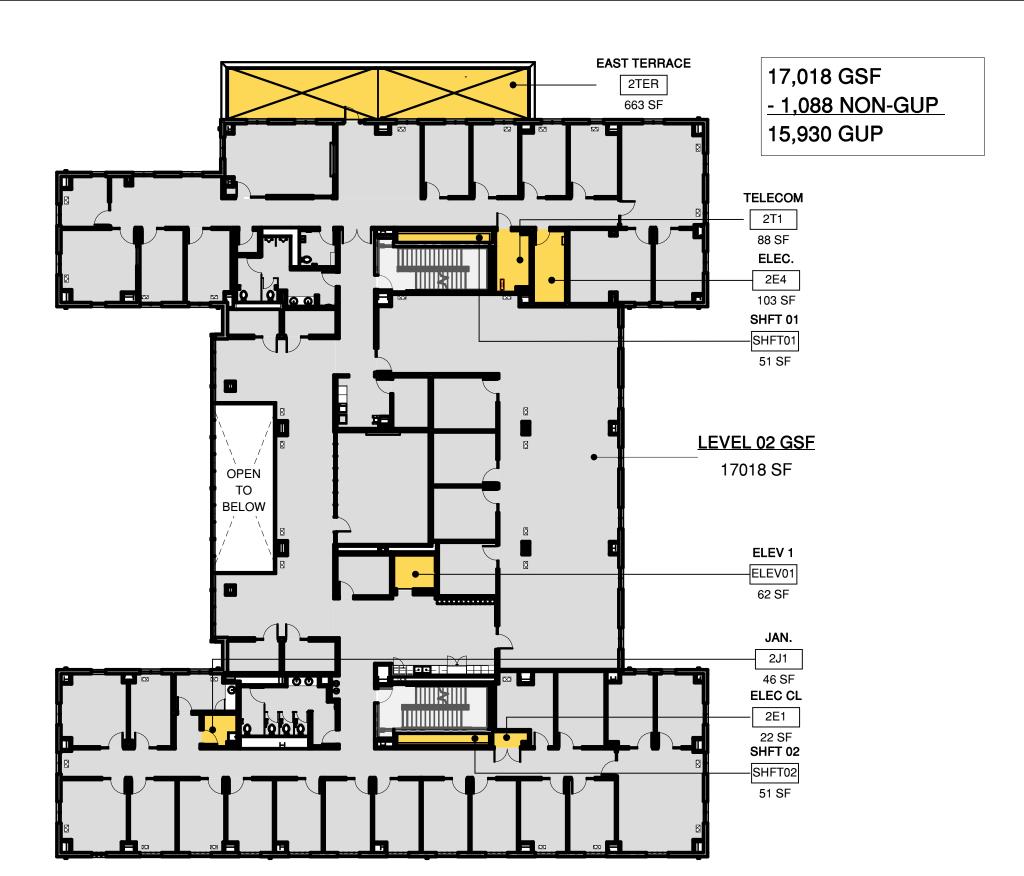
PROPOSED FOURTH FLOOR

1" = 20'-0"

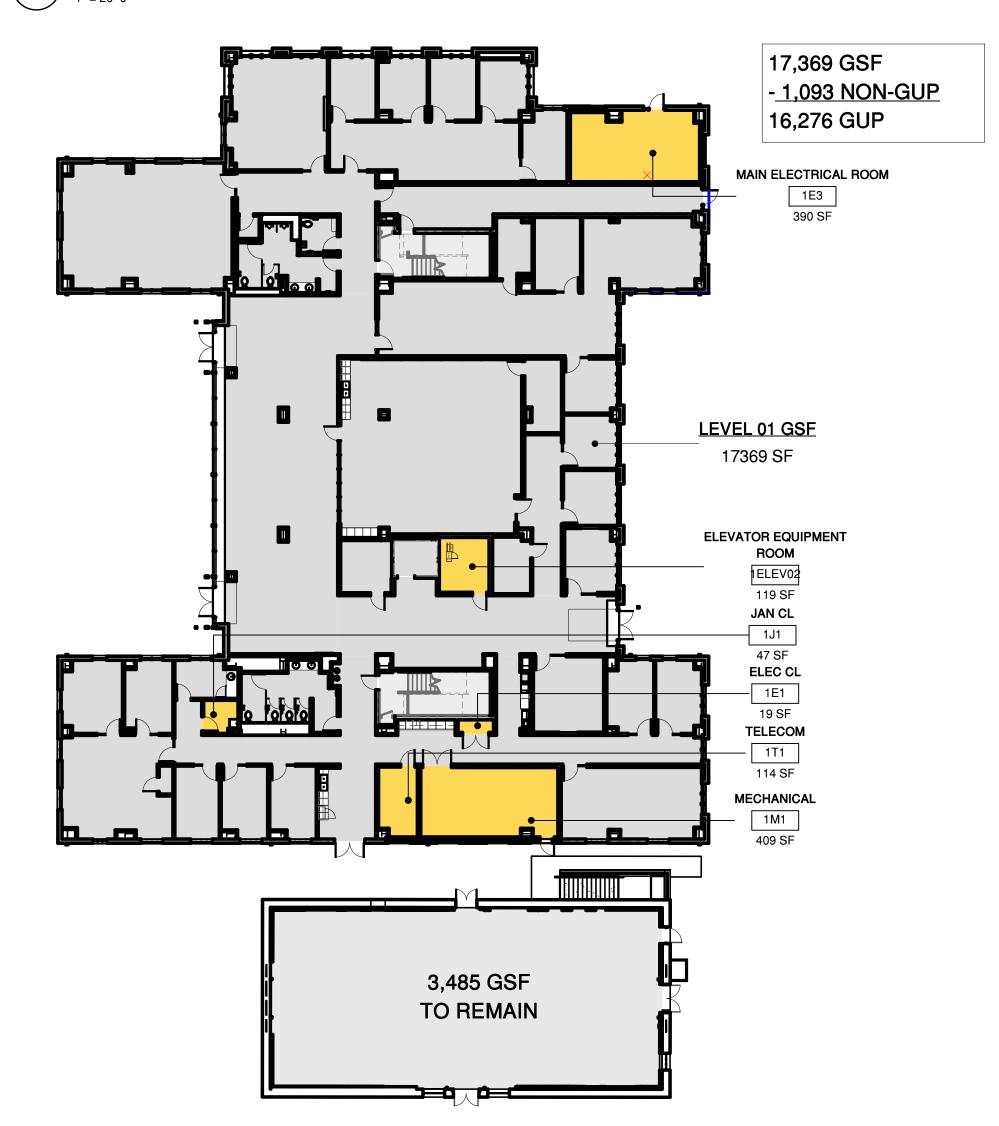


PROPOSED THIRD FLOOR

1" = 20'-0"



PROPOSED SECOND FLOOR



SOUTH BUILDING

TOTAL

	GUP	GROSS
FOURTH FLOOR	5,398 SF	9,002 GSF
THIRD FLOOR	16,237 SF	16,663 GSF
SECOND FLOOR	15,930 SF	17,018 GSF
FIRST FLOOR	16,276 SF	17,369 GSF

53,841 SF

60,052 GSF

BARNUM FAMILY CENTER

2, 11 10 11 1, 11 11 2 1 1 1 1 1		
	GUP	GROSS
FIRST FLOOR	3,485 SF	3,485 GSF
BASEMENT FLOOR	0 SF	453 GSF
TOTAL	3,485 SF	3,938 GSF

CAV

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PROJECT NAME

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SB AND BARNUM GUP ANALYSIS - PROPOSED

PROJECT NO. 17013

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SHEET

SA0.2

PROPOSED FIRST FLOOR

PROPOSED BASEMENT

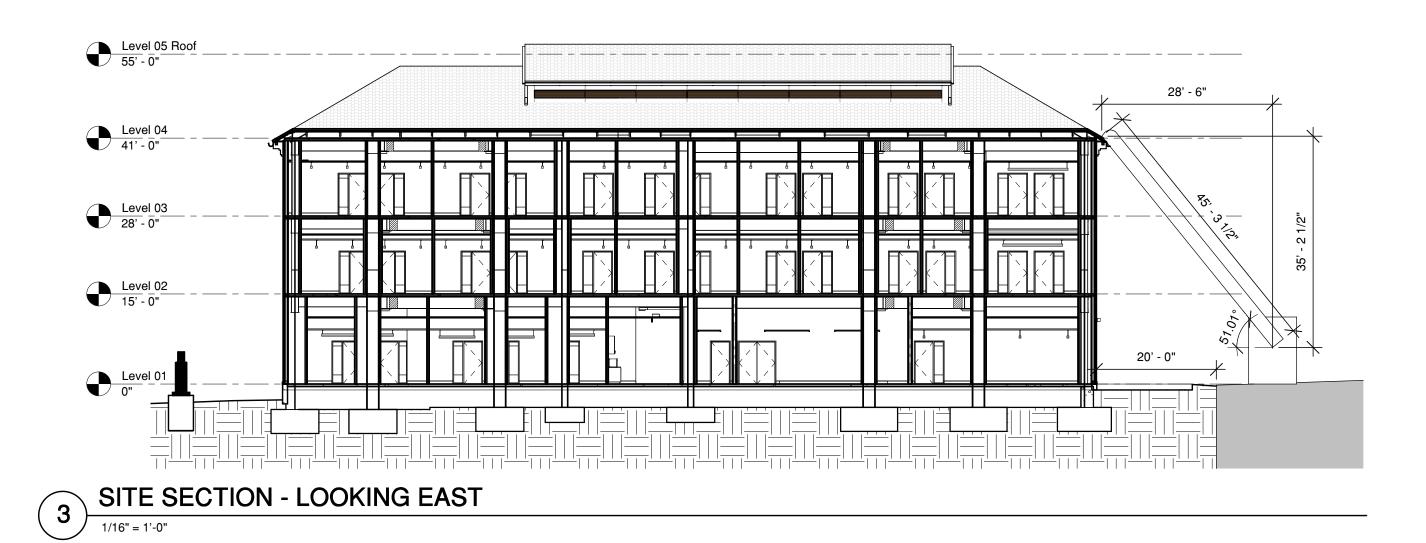
1" = 20'-0"

453 GSF

TO REMAIN



/2022 2:48:31 PM



Level 05 Roof

55' - 0"

Level 03

28' - 0"

Level 02

15' - 0"

37' - 8"

SITE SECTION - LOOKING EAST

1/16" = 1'-0"

SITE PLAN - FIRE LIFE SAFETY

1/16" = 1'-0"



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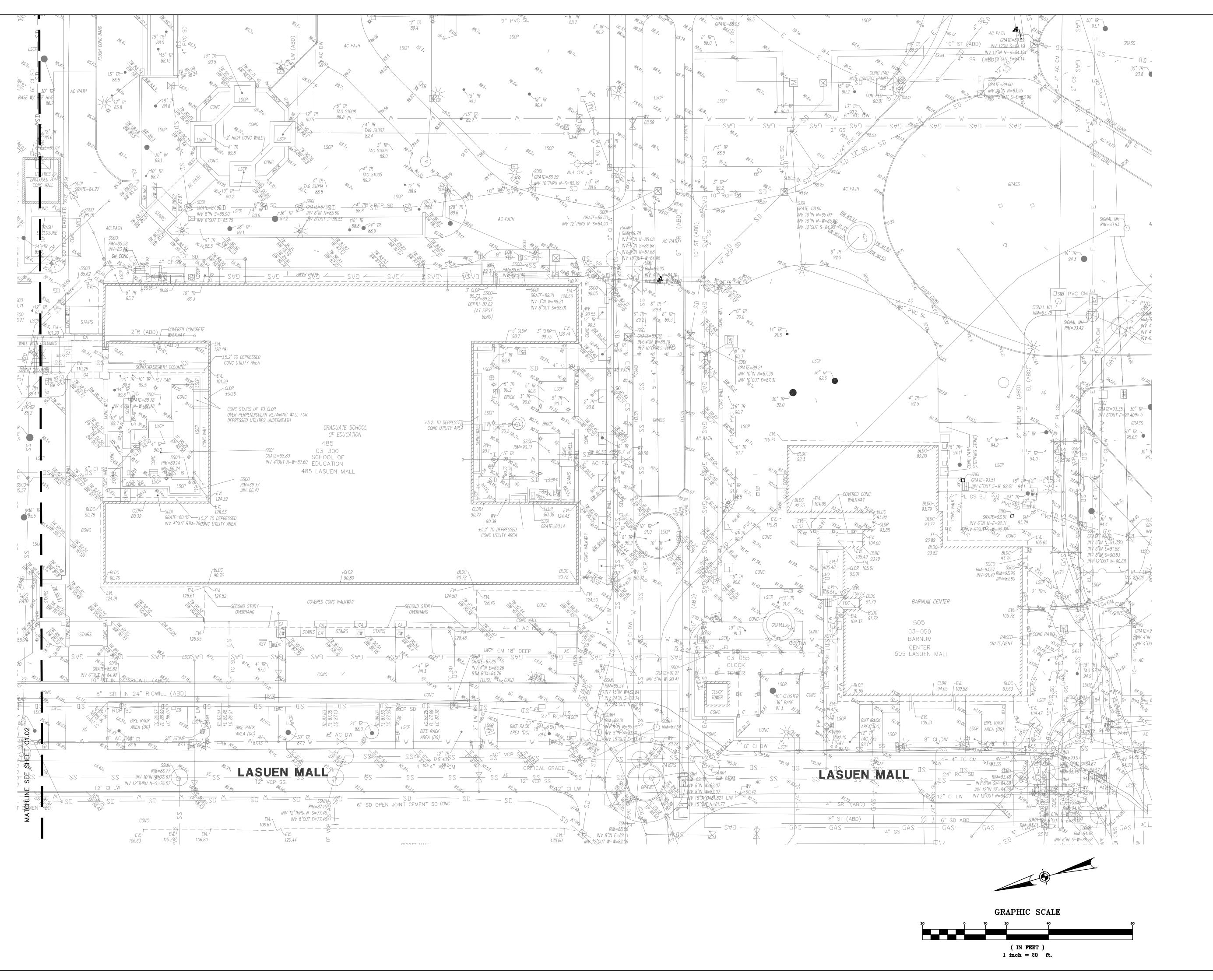
FIRE TRUCK ACCESS PLAN
AND SECTION

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SAO.3





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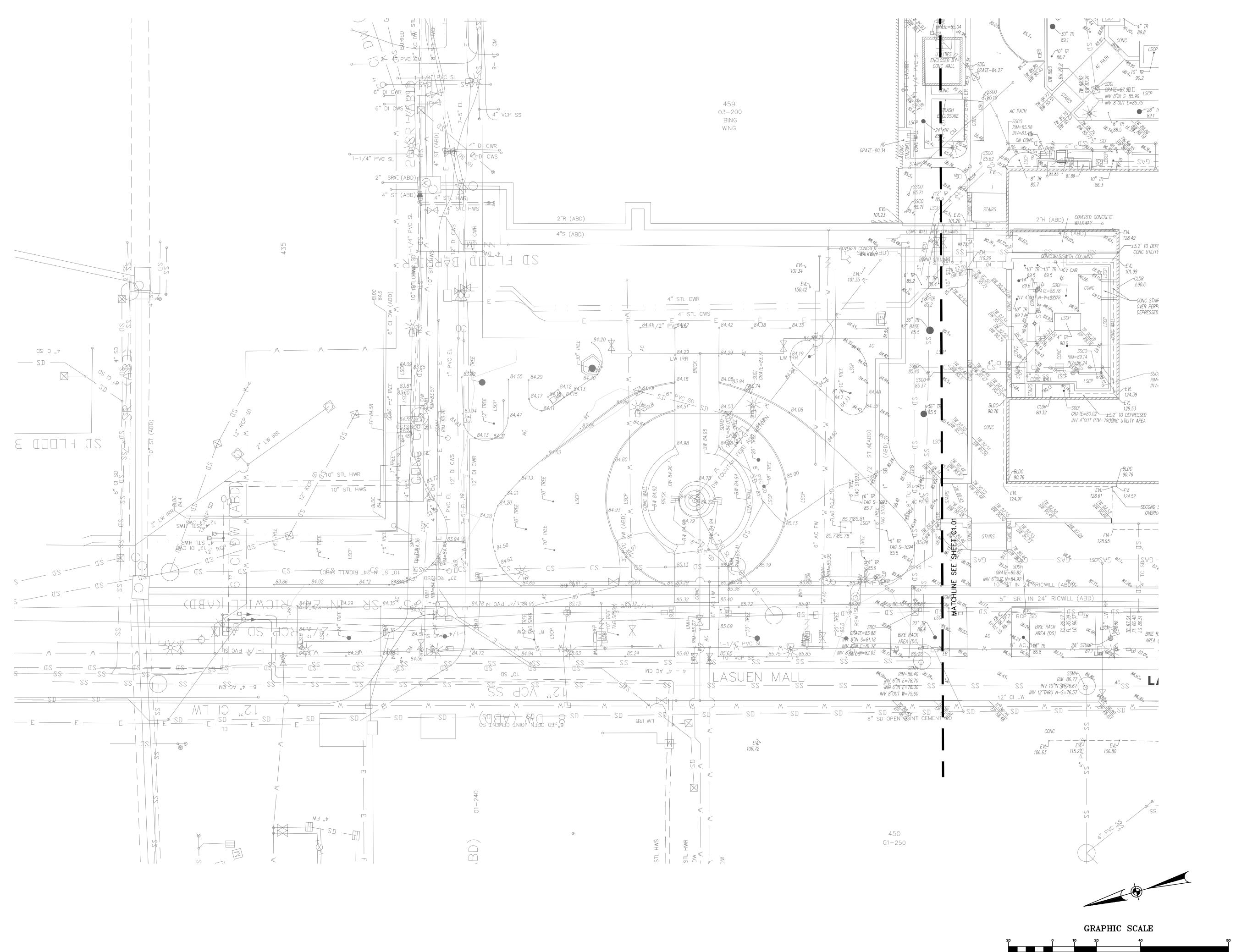
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EXISTING CONDITIONS

PROJECT NO. <u>14029</u>

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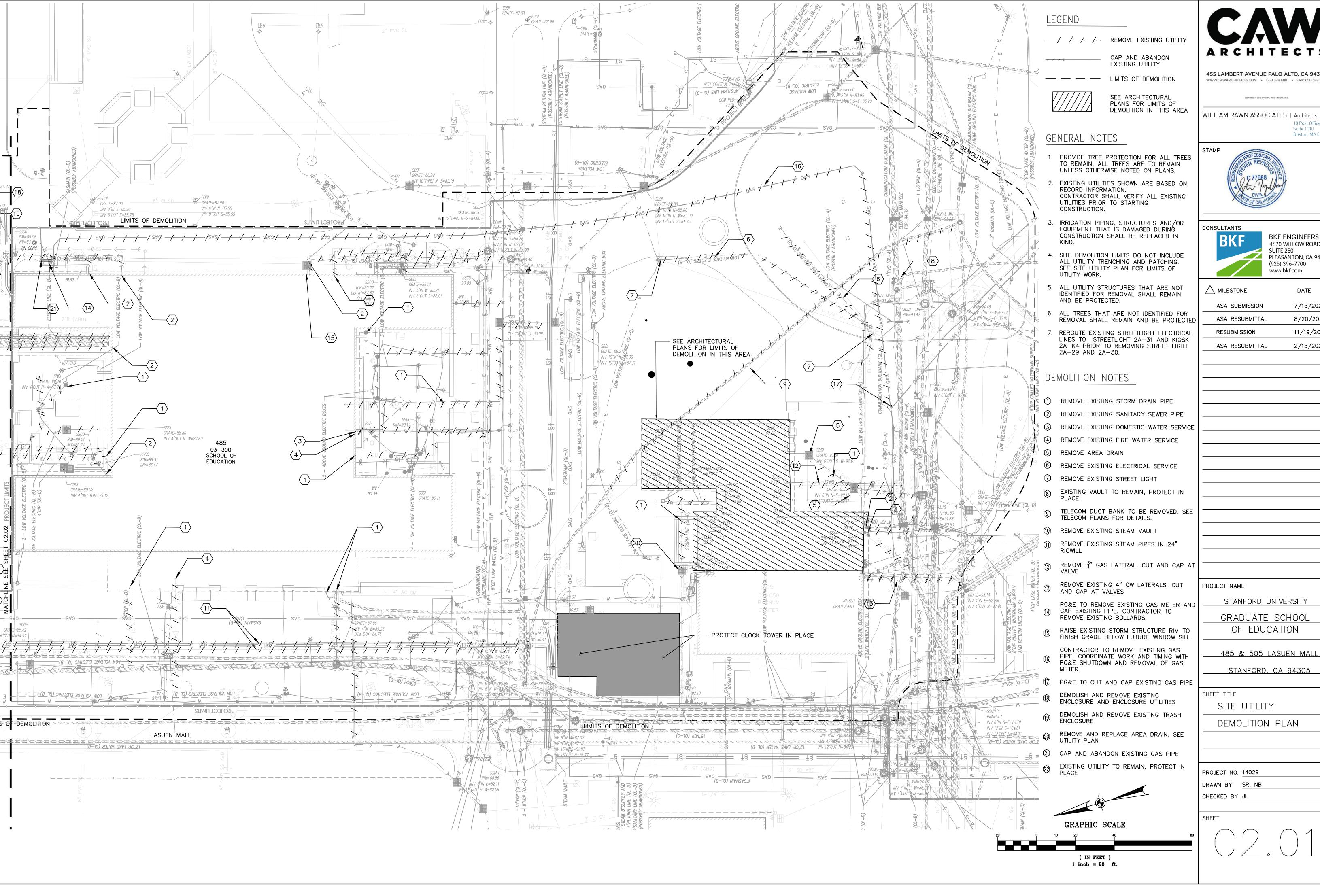
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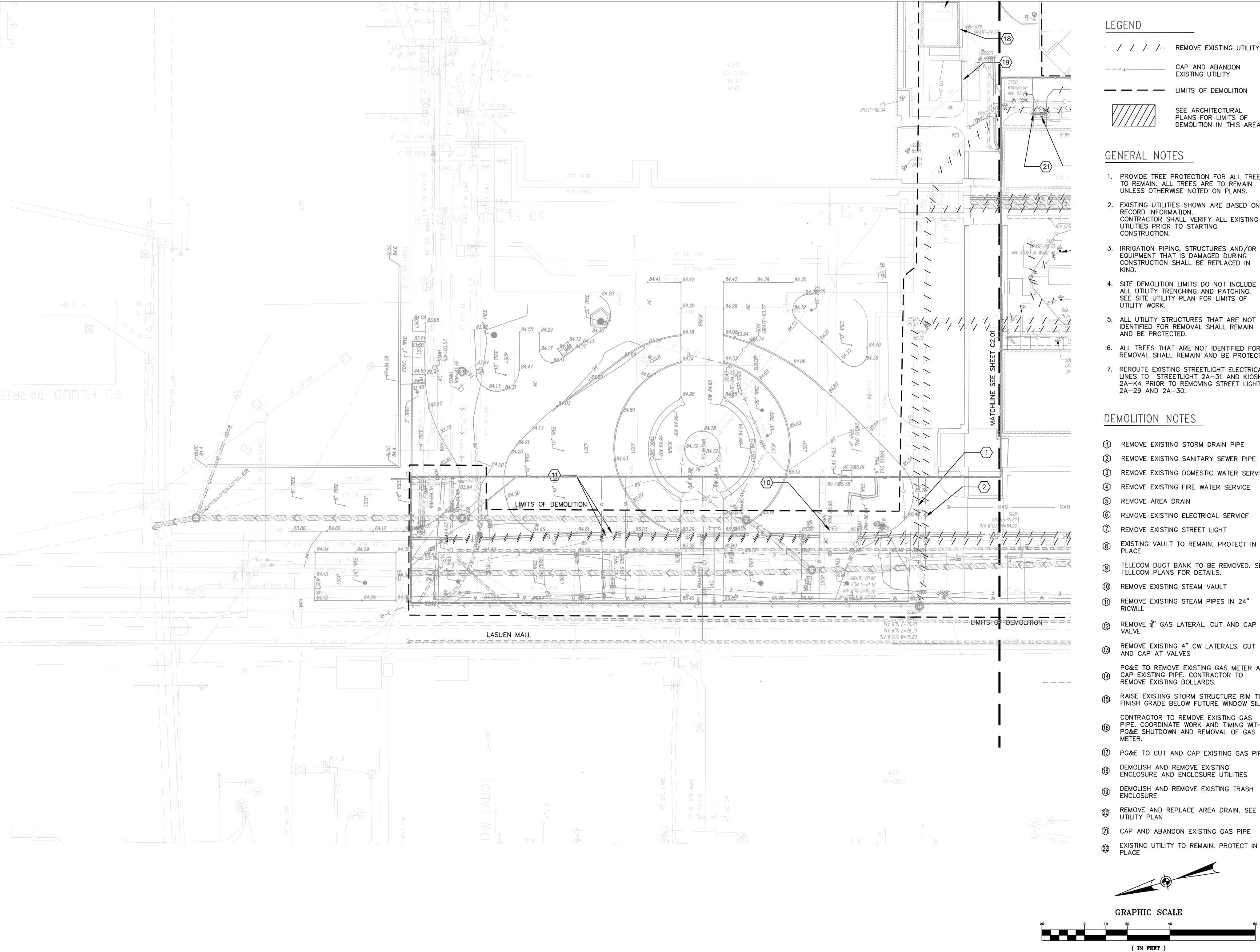
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OF EDUCATION



· /· /· /· REMOVE EXISTING UTILITY

CAP AND ABANDON EXISTING UTILITY

LIMITS OF DEMOLITION

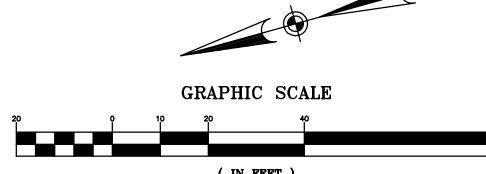
SEE ARCHITECTURAL PLANS FOR LIMITS OF DEMOLITION IN THIS AREA

GENERAL NOTES

- 1. PROVIDE TREE PROTECTION FOR ALL TREES TO REMAIN. ALL TREES ARE TO REMAIN UNLESS OTHERWISE NOTED ON PLANS.
- 2. EXISTING UTILITIES SHOWN ARE BASED ON RECORD INFORMATION. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO STARTING
- 3. IRRIGATION PIPING, STRUCTURES AND/OR EQUIPMENT THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN
- 4. SITE DEMOLITION LIMITS DO NOT INCLUDE ALL UTILITY TRENCHING AND PATCHING. SEE SITE UTILITY PLAN FOR LIMITS OF UTILITY WORK.
- 5. ALL UTILITY STRUCTURES THAT ARE NOT IDENTIFIED FOR REMOVAL SHALL REMAIN AND BE PROTECTED.
- 6. ALL TREES THAT ARE NOT IDENTIFIED FOR REMOVAL SHALL REMAIN AND BE PROTECTED
- 7. REROUTE EXISTING STREETLIGHT ELECTRICAL LINES TO STREETLIGHT 2A-31 AND KIOSK 2A-K4 PRIOR TO REMOVING STREET LIGHT 2A-29 AND 2A-30.

DEMOLITION NOTES

- (1) REMOVE EXISTING STORM DRAIN PIPE
- (2) REMOVE EXISTING SANITARY SEWER PIPE
- (3) REMOVE EXISTING DOMESTIC WATER SERVICE
- (4) REMOVE EXISTING FIRE WATER SERVICE
- REMOVE AREA DRAIN
- 6 REMOVE EXISTING ELECTRICAL SERVICE
- REMOVE EXISTING STREET LIGHT
- TELECOM DUCT BANK TO BE REMOVED. SEE TELECOM PLANS FOR DETAILS.
- (1) REMOVE EXISTING STEAM VAULT
- REMOVE EXISTING STEAM PIPES IN 24"
- (2) REMOVE 3" GAS LATERAL. CUT AND CAP AT VALVE
- REMOVE EXISTING 4" CW LATERALS. CUT AND CAP AT VALVES
- PG&E TO REMOVE EXISTING GAS METER AND CAP EXISTING PIPE. CONTRACTOR TO
- RAISE EXISTING STORM STRUCTURE RIM TO
- FINISH GRADE BELOW FUTURE WINDOW SILL. CONTRACTOR TO REMOVE EXISTING GAS
- PIPE. COORDINATE WORK AND TIMING WITH PG&E SHUTDOWN AND REMOVAL OF GAS
- 1 PG&E TO CUT AND CAP EXISTING GAS PIPE
- ENCLOSURE AND ENCLOSURE UTILITIES
- DEMOLISH AND REMOVE EXISTING TRASH
- REMOVE AND REPLACE AREA DRAIN. SEE UTILITY PLAN
- EXISTING UTILITY TO REMAIN. PROTECT IN PLACE



 $1 \quad \text{inch} = 20 \quad \text{ft.}$



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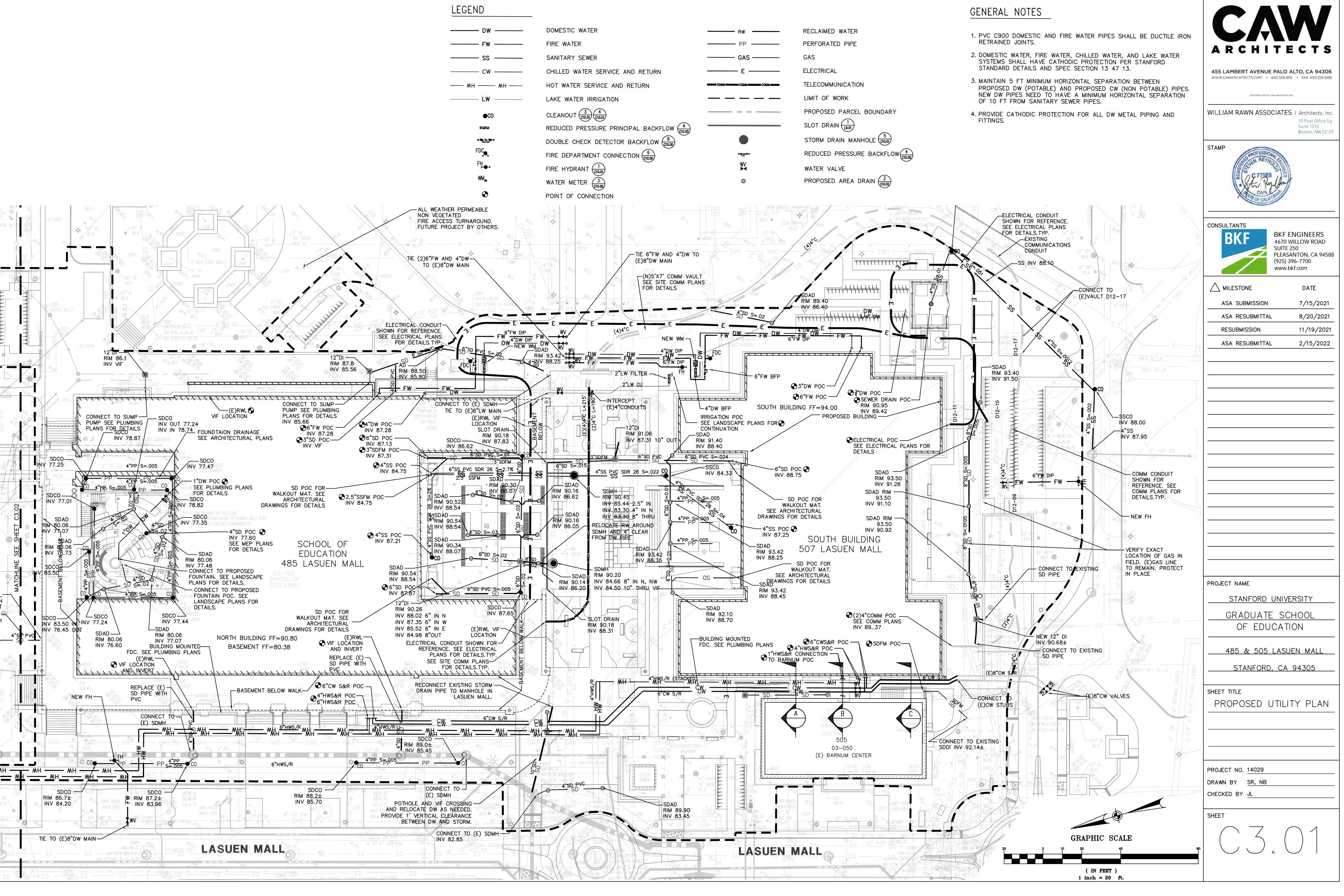
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SITE UTILITY

DEMOLITION PLAN

PROJECT NO. 14029

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LEGEND GENERAL NOTES DOMESTIC WATER RECLAIMED WATER RETRAINED JOINTS. FIRE WATER PERFORATED PIPE SANITARY SEWER SYSTEMS SHALL HAVE CATHODIC PROTECTION PER STANFORD STANDARD DETAILS AND SPEC SECTION 13 47 13. ELECTRICAL CHILLED WATER SERVICE AND RETURN 3. MAINTAIN 5 FT MINIMUM HORIZONTAL SEPARATION BETWEEN TELECOMMUNICATION HOT WATER SERVICE AND RETURN PROPOSED DW (POTABLE) AND PROPOSED CW (NON POTABLE) PIPES. NEW DW PIPES NEED TO HAVE A MINIMUM HORIZONTAL SEPARATION OF 10 FT FROM SANITARY SEWER PIPES. LIMIT OF WORK LAKE WATER IRRIGATION _____ LW _____ CLEANOUT (3) (C10.01) (C10.01) PROPOSED PARCEL BOUNDARY 4. PROVIDE CATHODIC PROTECTION FOR ALL DW METAL PIPING AND FITTINGS. SLOT DRAIN (1) REDUCED PRESSURE PRINCIPAL BACKFLOW (4) STORM DRAIN MANHOLE (5) DOUBLE CHECK DETECTOR BACKFLOW (6) (C10.00) **-18**[11]81→ FIRE DEPARTMENT CONNECTION (6) REDUCED PRESSURE BACKFLOW (4) (C10.00) FIRE HYDRANT (1) WATER VALVE PROPOSED AREA DRAIN (2) (10.02) WATER METER (3) POINT OF CONNECTION KIM ÖÖ⊖N ∖ INV VIF CONNECT TO SUMP-PUMP SEE PLUMBIN A TE (ABD) PLANS FOR DETAILS INV 78.87 (084) \ABD.\S (4384) (438B) ST FLOOD BARRIER 4" STAMONTES "+ 1 1/5" PYC EL LW (IRR) (BAI) MJ LW IRR (E)RWL AND INVERT REPLACE (E) SD PIPE WITH PVC SDAD —— RIM 80.06 INV 76.60 REPLACE (E) — SD PIPE WITH PVC SD PVC DIBECT SDCO 7 RIM 86.7±

- 1. PVC C900 DOMESTIC AND FIRE WATER PIPES SHALL BE DUCTILE IRON
- 2. DOMESTIC WATER, FIRE WATER, CHILLED WATER, AND LAKE WATER

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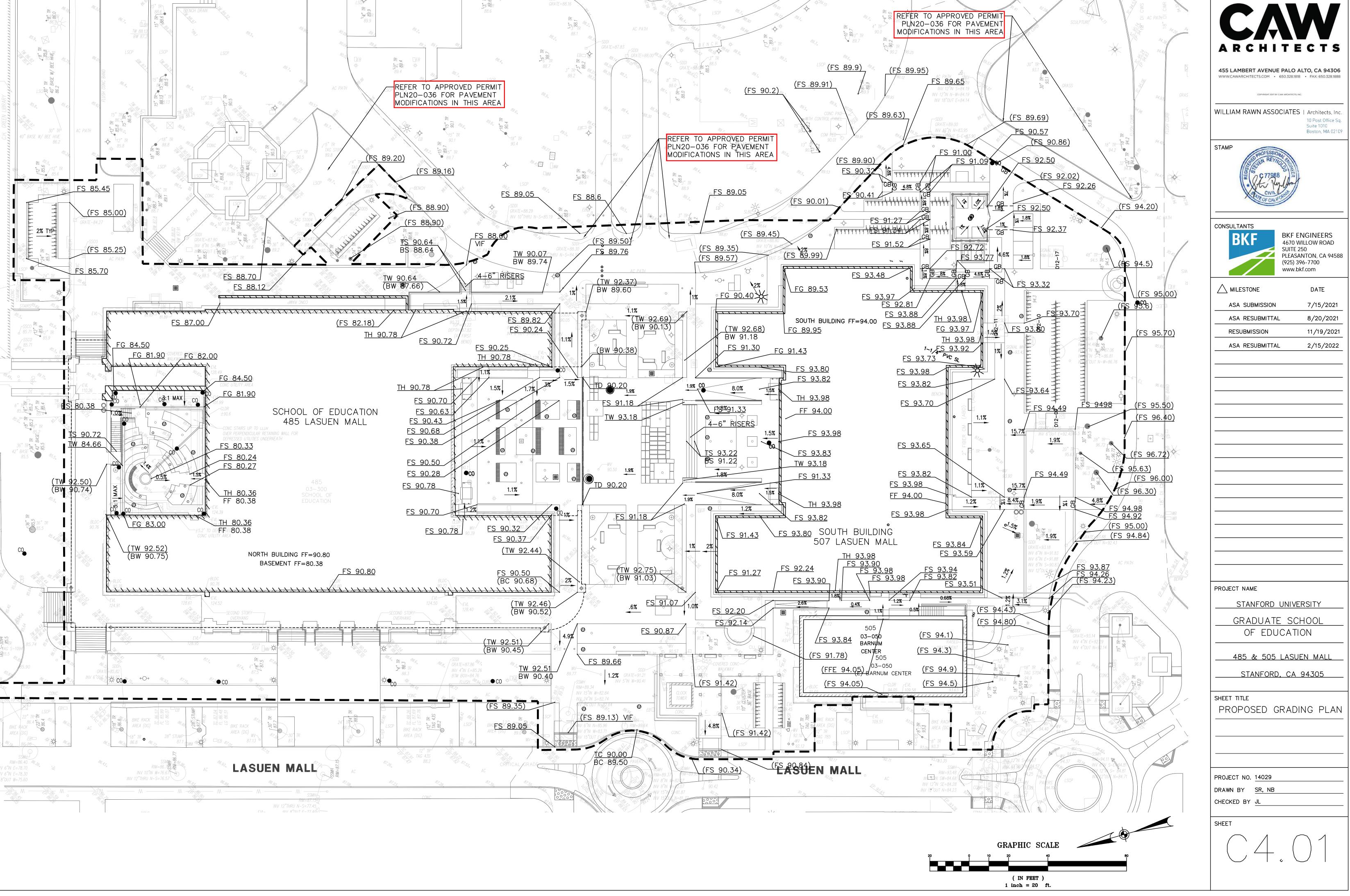
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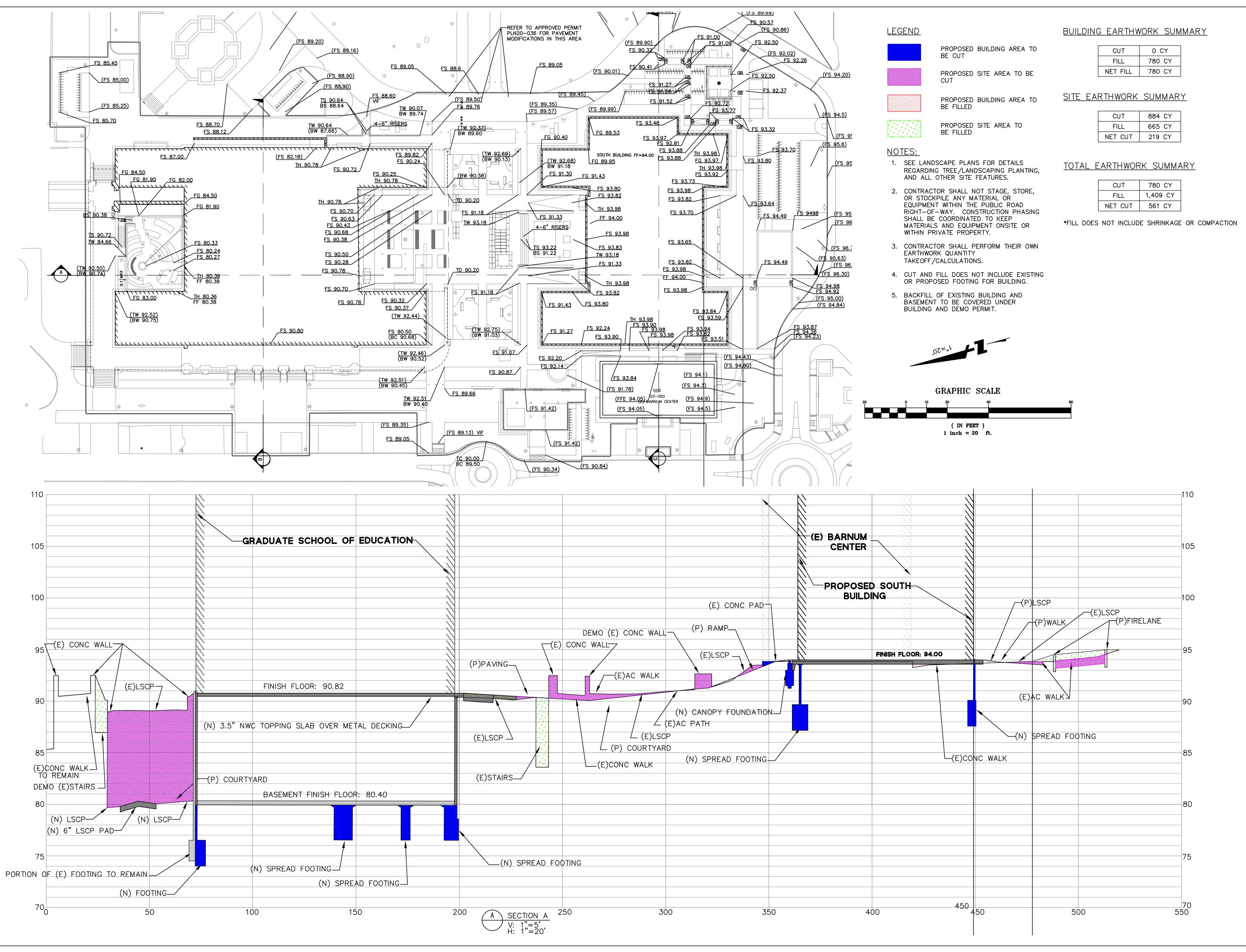
PROPOSED UTILITY PLAN

PROJECT NO. 14029 DRAWN BY SR, NB

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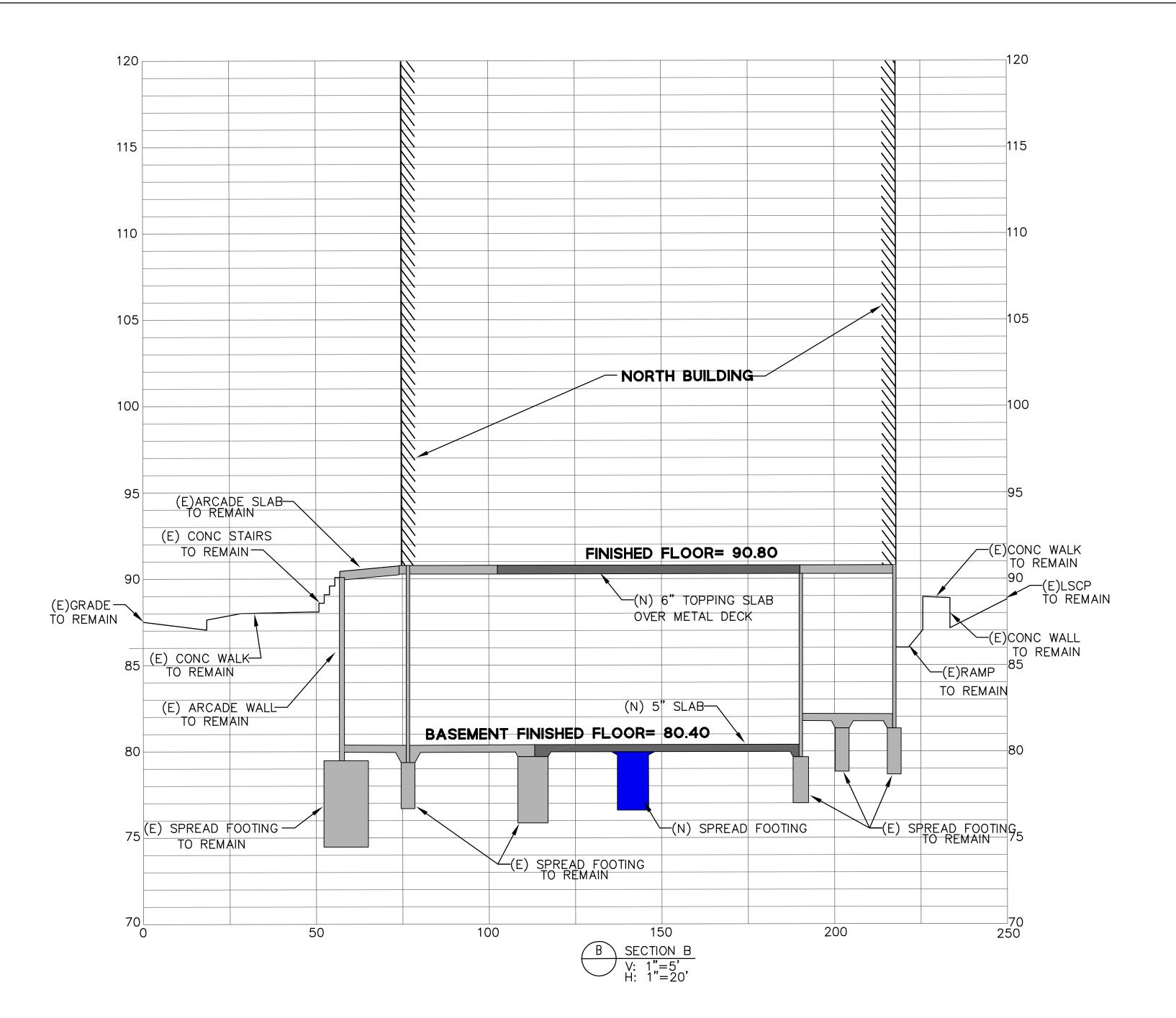
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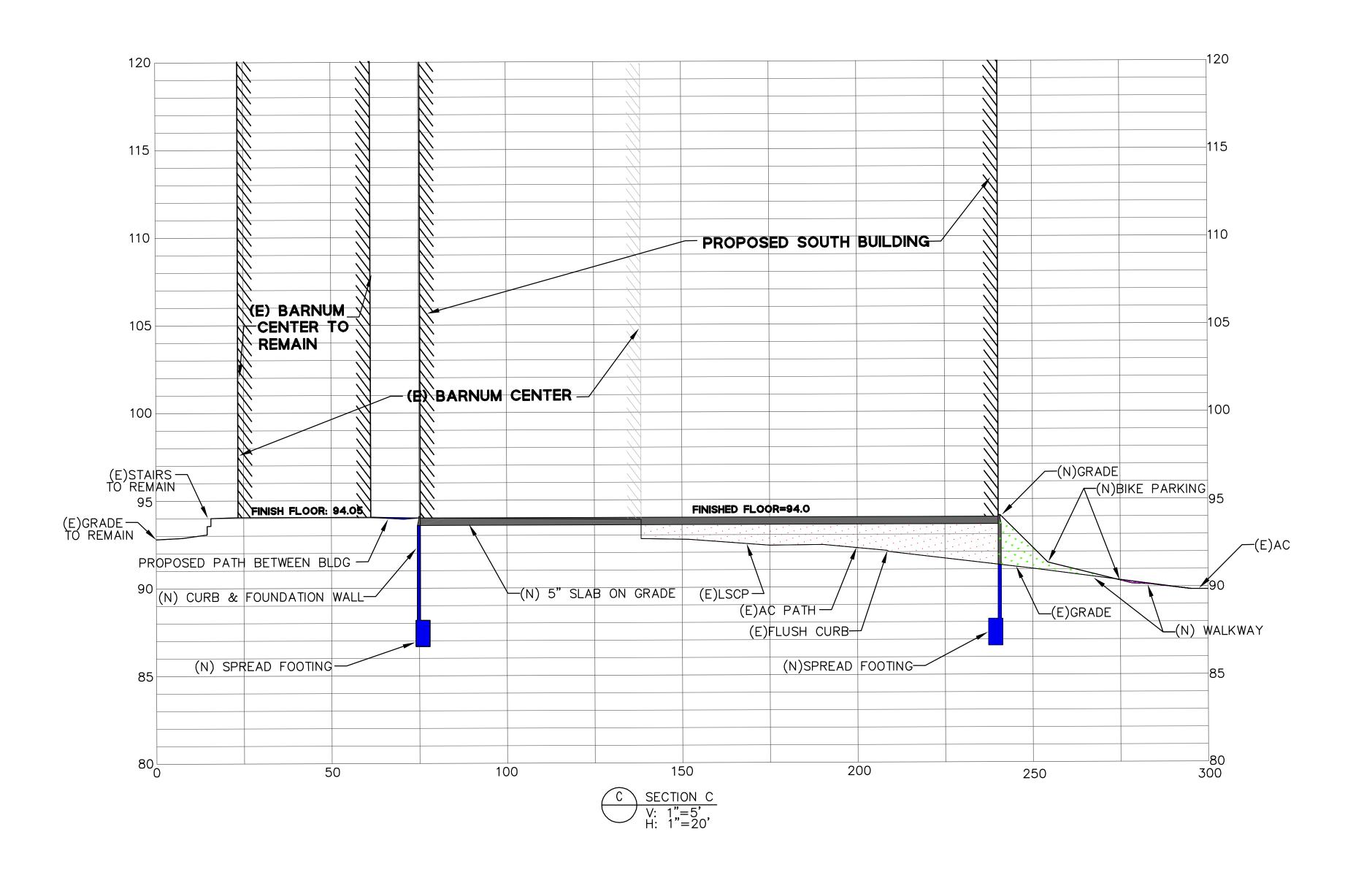
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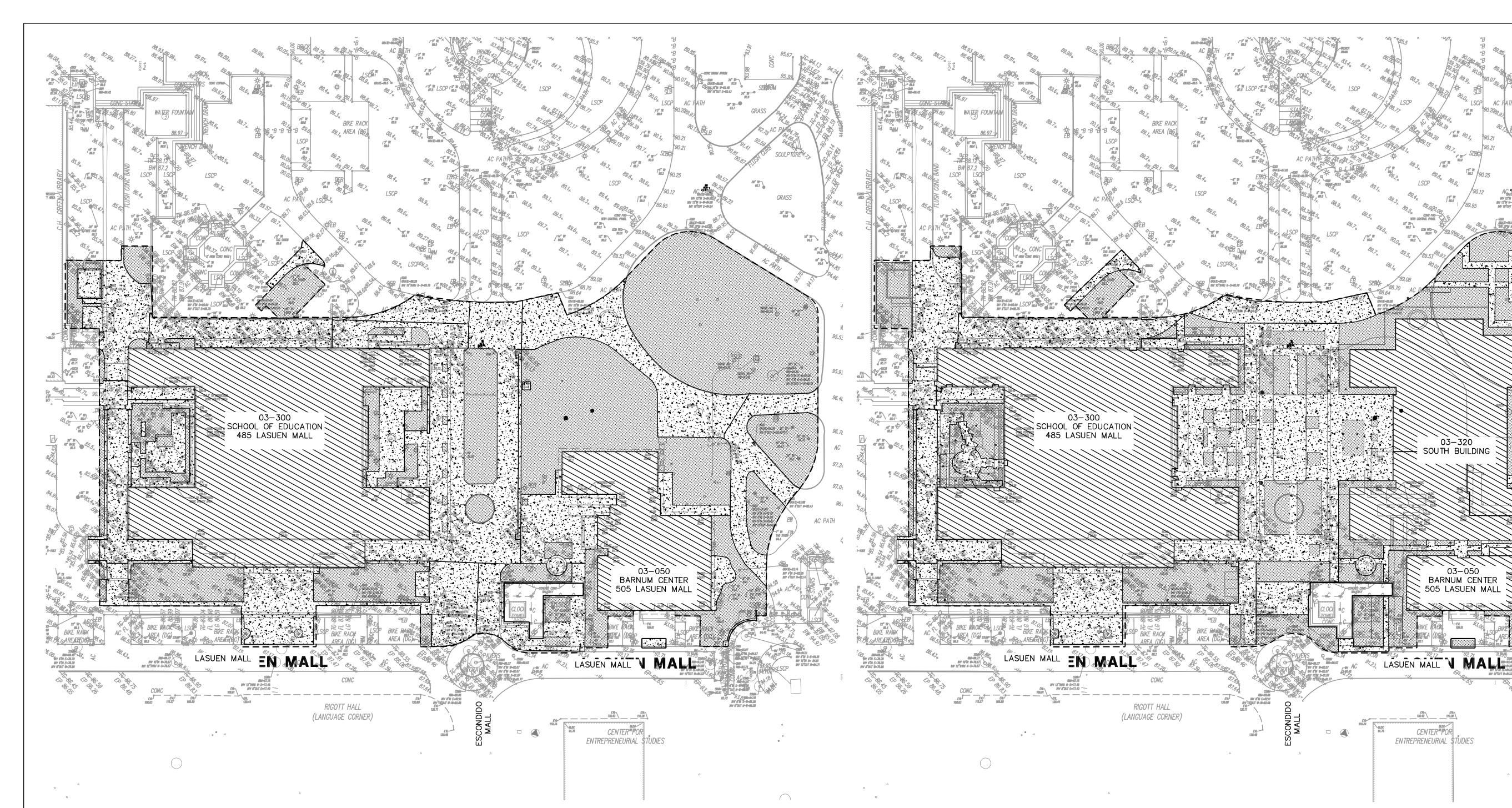
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<u>LEGEND</u> TOTAL SITE AREA: 132,602 SQ FT

PERVIOUS LANDSCAPE 46,102 SQ FT

IMPERVIOUS 49,813 SQ FT

R00F 36,687 SQ FT

EXISTING IMPERVIOUS/PERVIOUS

DMA	SITE AREA	VEHICULAR	NON-VEHICULAR	TREATMENT
	(SF)	IMP AREA (SF)	IMP AREA (SF)	METHOD
1	132,602	4,474	88,334	IN-LIEU

NOTES:

1.) IN-LIEU TREATMENT IS FROM THE EAST CAMPUS WATER CAPTURE FACILITY COUNTY FILE NUMBER 11044-17C3.

<u>LEGEND</u> TOTAL SITE AREA: 132,602 SQ FT

IMPERVIOUS 44,034 SQ FT

R00F 48,774 SQ FT

PERVIOUS LANDSCAPE 39,794 SQ FT

PROPOSED IMPERVIOUS/PERVIOUS

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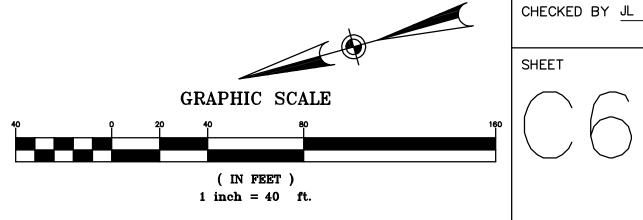
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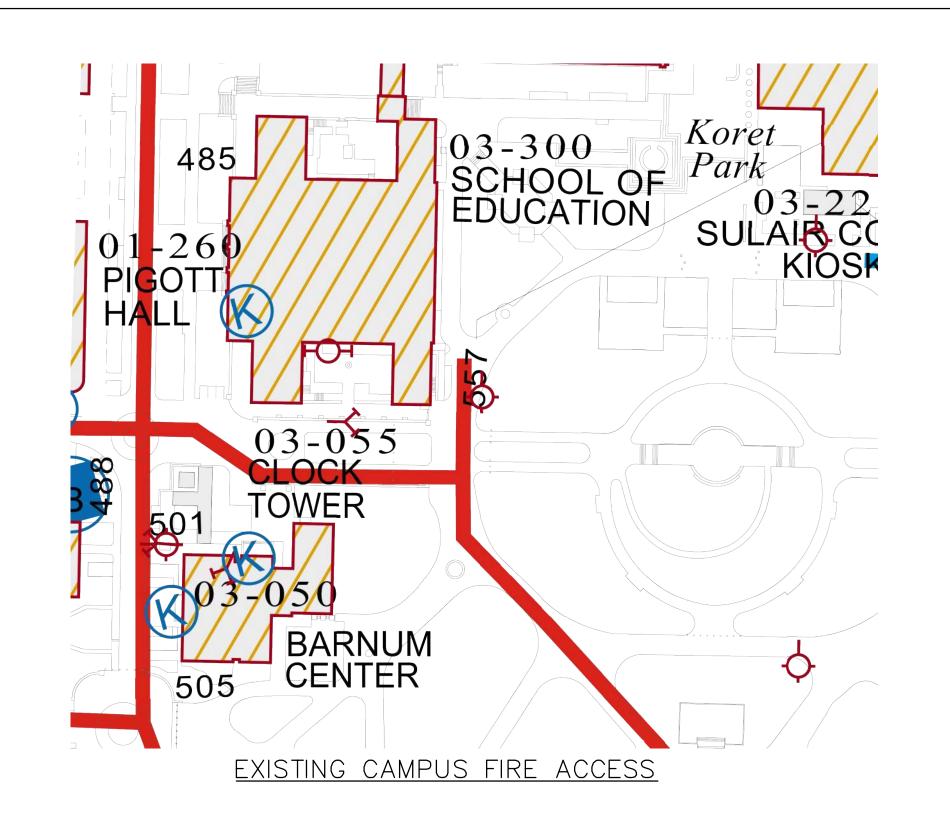
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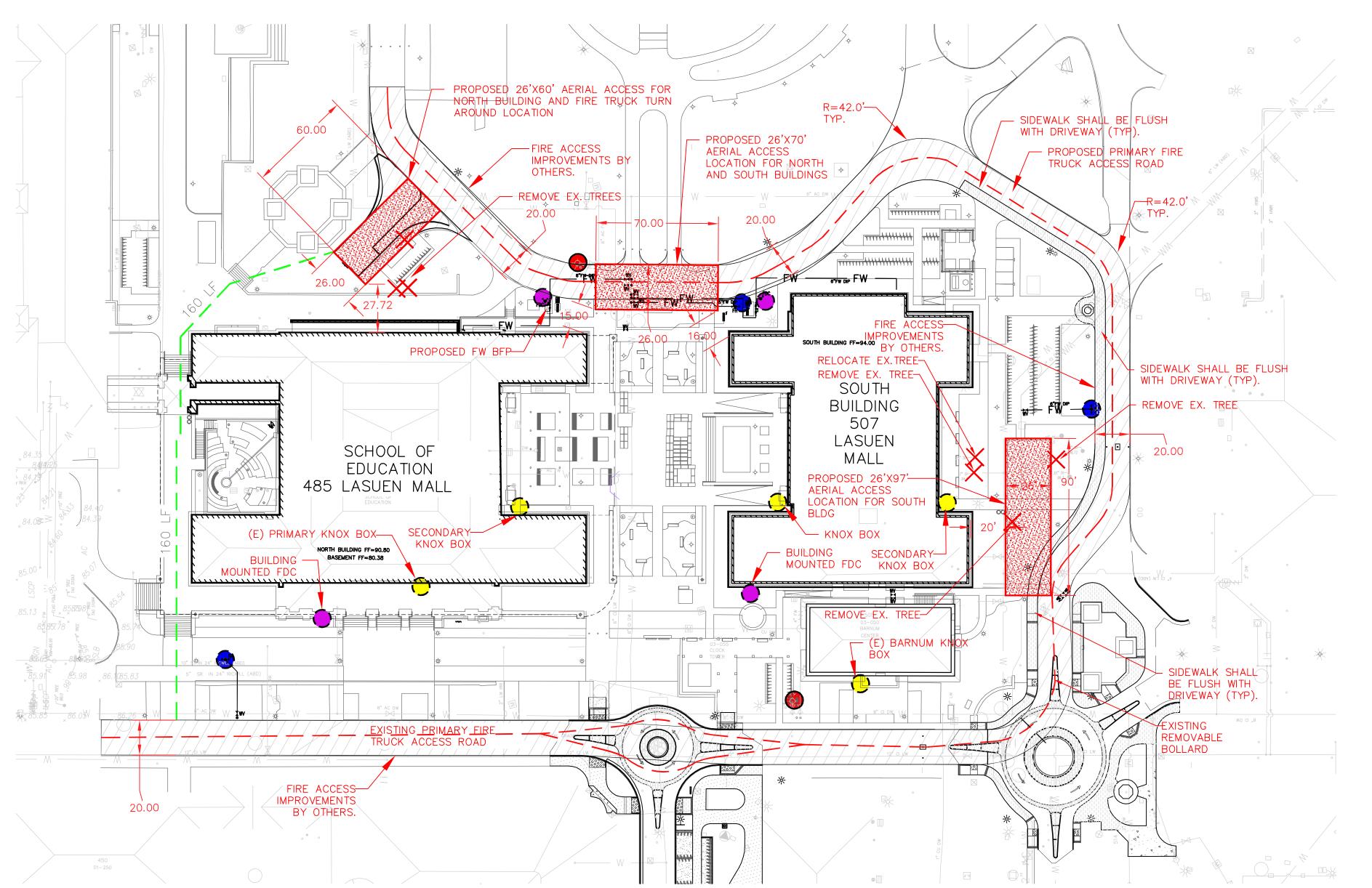
STORMWATER

MANAGEMENT PLAN

PROJECT NO. 14029 DRAWN BY SR, NB







<u>LEGEND</u>



EXISTING FIRE HYDRANT



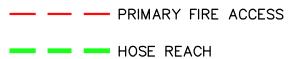
PROPOSED FIRE HYDRANT

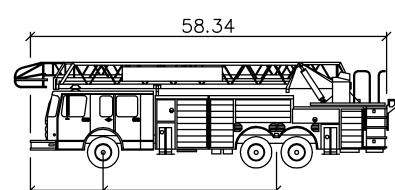


PROPOSED FIRE DEPARTMENT CONNECTION PUMP PRESSURE: 150 PSI



KNOX BOX





PAFD Ladder Truck 66

feet

: 8.00 : 8.00 Track Lock to Lock Time : 6.0 Steering Angle : 45.0

13.33

NOT TO SCALE

6.33

PROPOSED ACCESS ROADS TO BE MADE OF AN ALL WEATHER MATERIAL COMPLIANT WITH 75,000 LB LOAD CAPACITY.

FIRE WATER BFP, FDC, AND HYDRANTS TO HAVE A MINIMUM 3 FOOT CLEARANCE FROM ALL DEVICES AND OTHER SITE OBSTRUCTIONS. ALL FIRE WATER DEVICES MUST BE CLEARLY VISIBLE.

REFER TO FIRE WATER SPRINKLER PLANS FOR FIRE FLOW INFORMATION AND DETAILS.

REQUESTING USE OF EXCEPTION #1 PER FIRE CODE SECTION 503.1.1 FOR APPROVED INCREASED HOSE REACH PER DRAWING DUE TO INCREASED SPRINKLER DESIGN.

"Exceptions:

1. The fire code official is authorized to increase the dimension of 150 feet (45 720 mm) where any of

GRAPHIC SCALE

(IN FEET) 1 inch = 40 ft.

the following conditions occur.

1.1 The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3."

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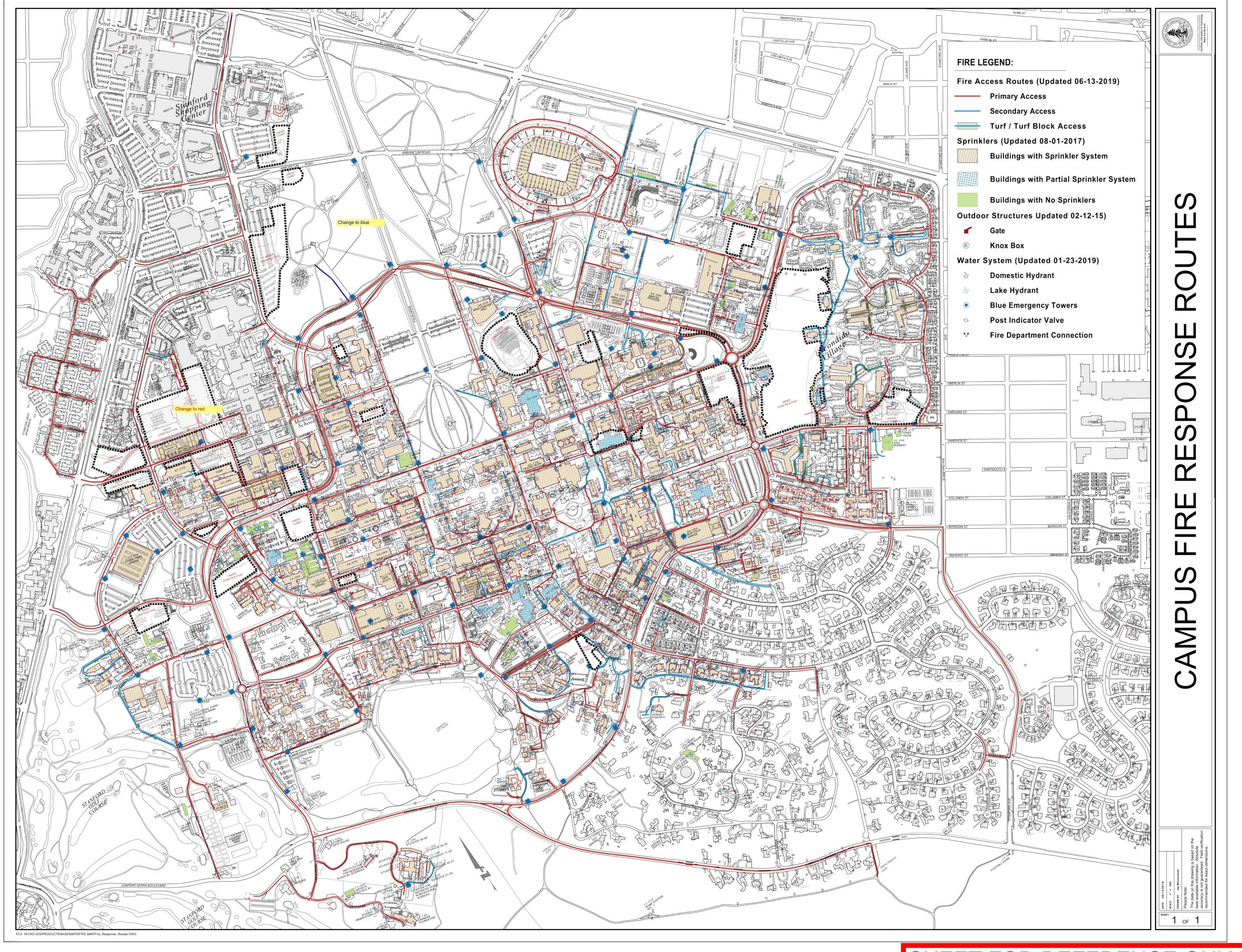
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FIRE TRUCK ACCESS

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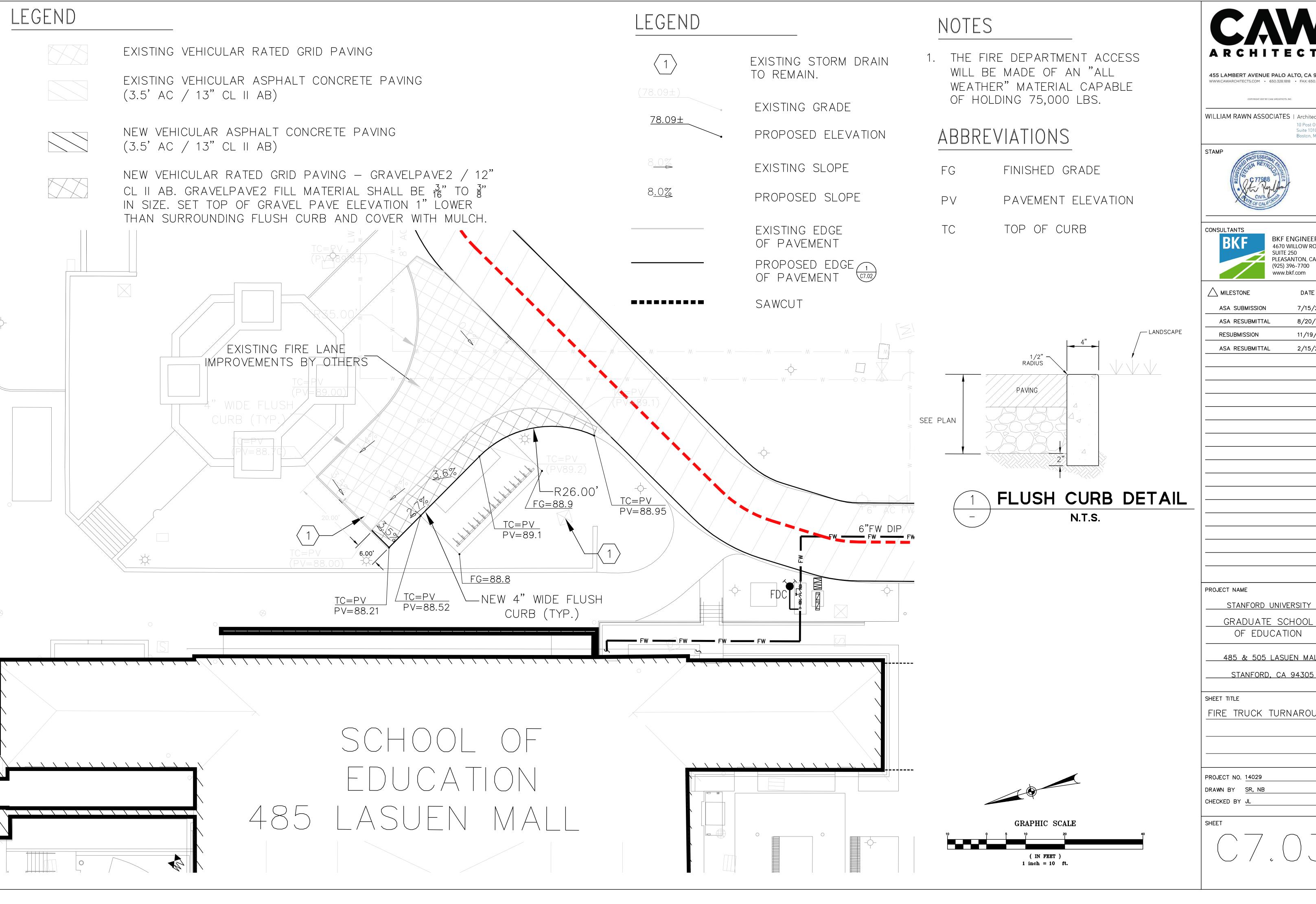
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SHEET TITLE

CAMPUS FIRE RESPONSE ROUTES

PROJECT NO. 14029

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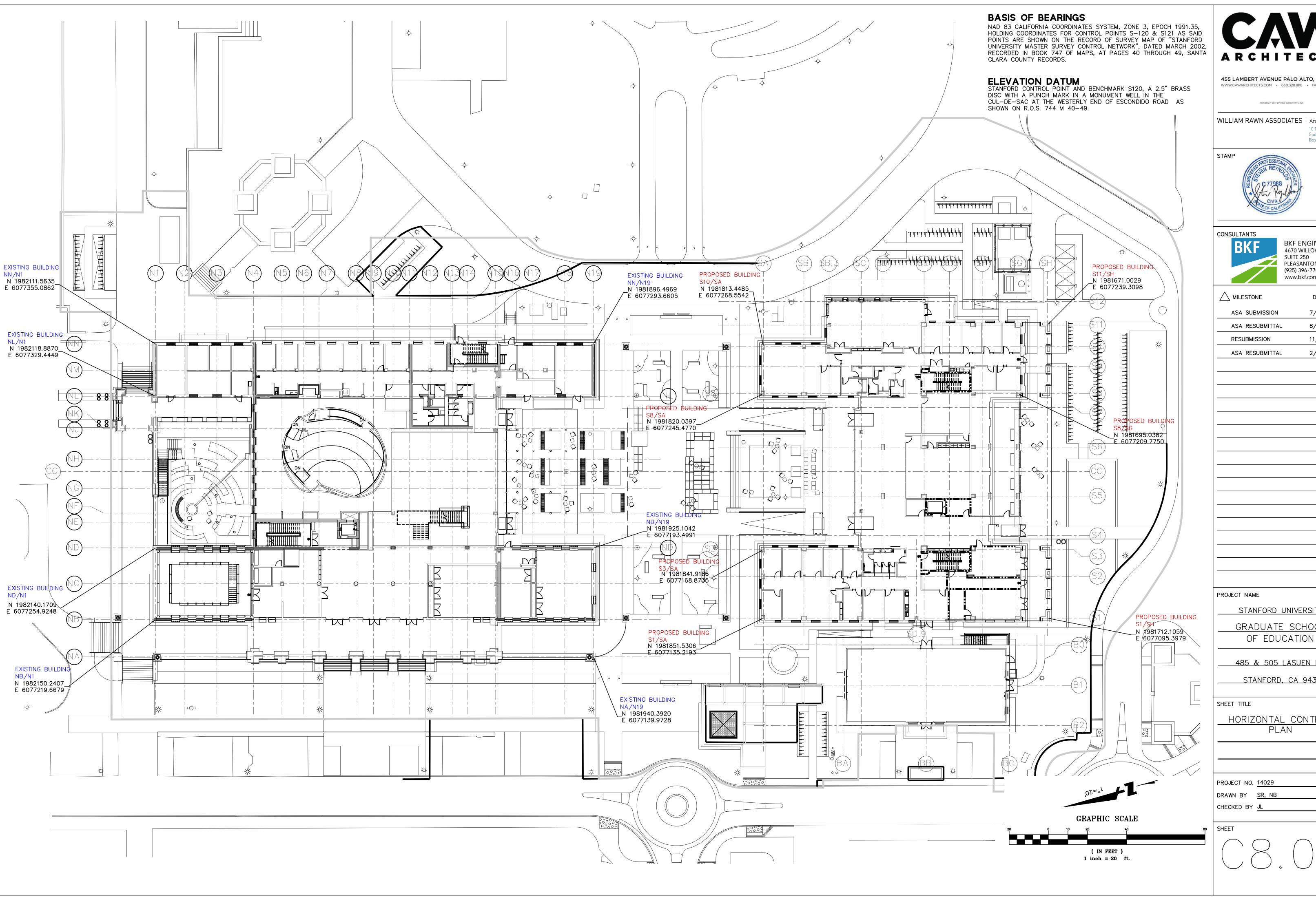
DATE ASA SUBMISSION 7/15/2021 ASA RESUBMITTAL 8/20/2021 RESUBMISSION 11/19/2021 ASA RESUBMITTAL 2/15/2022

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ASA RESUBMITTAL	2/15/2022

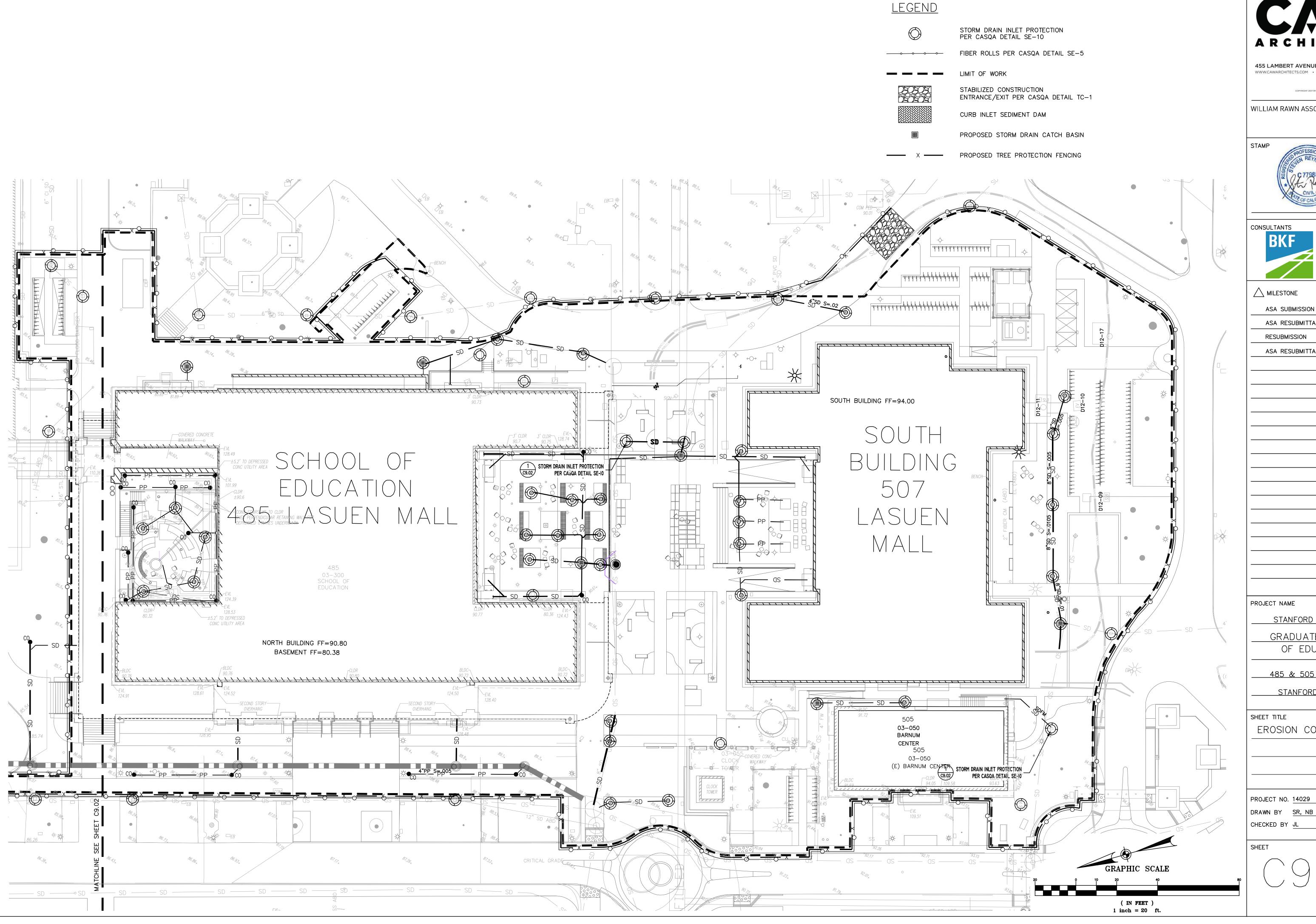
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HORIZONTAL CONTROL PLAN

PROJECT NO. 14029 DRAWN BY SR, NB



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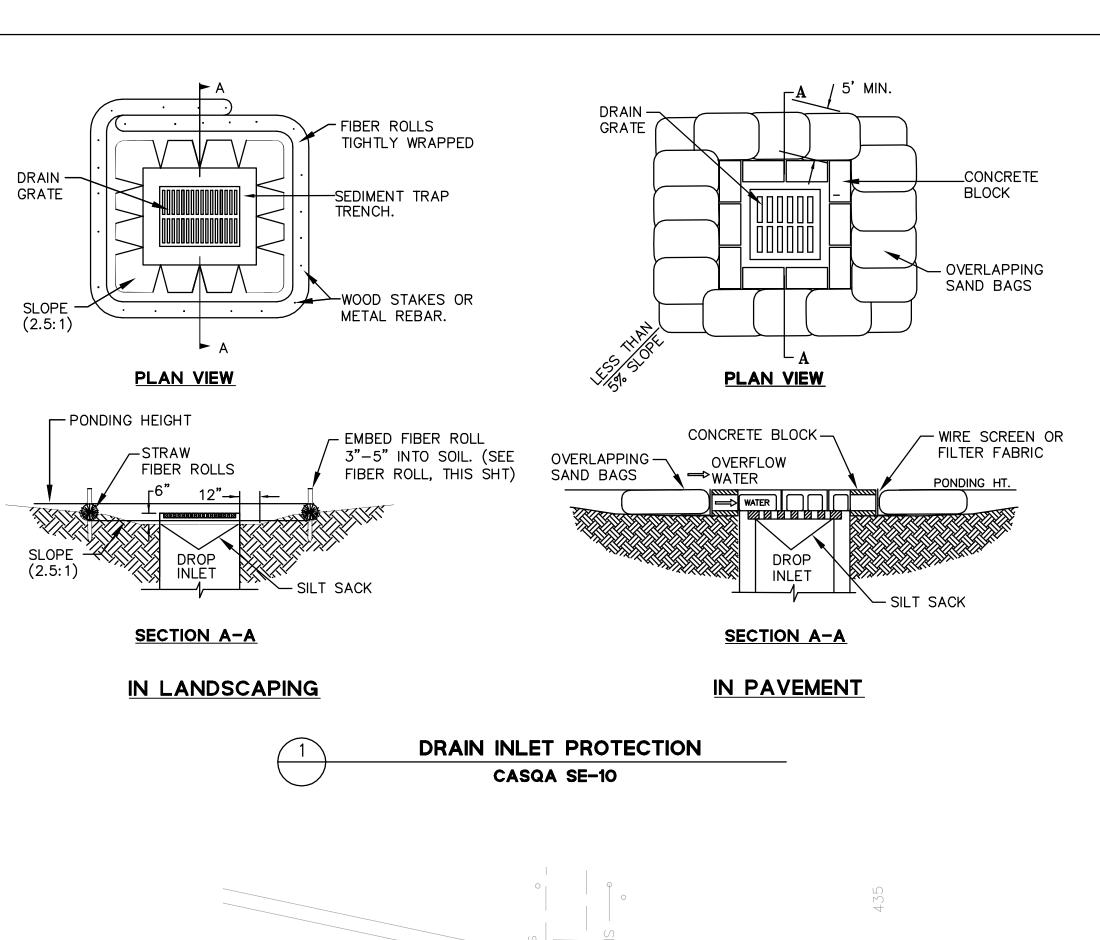
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EROSION CONTROL PLAN

PROJECT NO. 14029

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TREE PROTECTION NOTES:

- 1. ALL TREE PROTECTION AND INSPECTION SCHEDULE MEASURES, DESIGN RECOMMENDATIONS, WATERING AND CONSTRUCTION SCHEDULING SHALL BE EXECUTED IN FULL BY OWNER AND CONTRACTOR, AS STATED ON SHEETS T-1, T-2, T-3, T-7A, L1.00 AND L1.01, IN THE TREE PROTECTION REPORT, AND THE APPROVED PLANS.
- 2. UTILITY TRENCHING SHALL NOT OCCUR WITHIN THE TPZ OF PROTECTED TREES, BEYOND THAT INDICATED ON DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NO TRENCHING OCCURS WITHIN THE TPZ OF THE PROTECTED TREES BY CONTRACTORS, CITY CREWS, OR FINAL LANDSCAPE WORKERS.
- 3. PRUNING RESTRICTIONS NO PRUNING OR CLEARANCE CUTTING OF BRANCHES IS PERMITTED ON CITY TREES. CONTRACTOR SHALL OBTAIN A PUBLIC TREE PERMIT FROM URBAN FORESTRY (650-496-5953).
- 4. CONTACT PROJECT ARBORIST BEFORE WORK IN TPZ.
- 5. THE ENTIRE CONSTRUCTION SITE IS A TREE PROTECTION AWARENESS ZONE. REFERENCE T-7A. ALL TRADES ARE RESPONSIBLE FOR PARTICIPATING IN PROTECTION OF EXISTING TREES AND DOING NO HARM TO TREES OR THEIR ROOT SYSTEMS.

EROSION CONTROL NOTES

- 1. SEE COUNTY OF SANTA CLARA EROSION CONTROL TEMPLATES EC1 AND EC2 FOR BEST MANAGEMENT PRACTICES AND EROSION CONTROL DETAILS.
- 2. FIBER ROLLS SHALL BE INSTALLED AROUND THE PERIMETER ALONG THE CONSTRUCTION FENCE.
- 3. THIS SHEET IS INTENDED FOR EROSION CONTROL ONLY
- 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL REQUIREMENTS SET FORTH IN THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) ORDER NO. XX-XXXX-XXXX-DWQ, NPDES GENERAL PERMIT NO. WDID: X XXXXXXXXX, STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES, ALSO KNOWN AS THE CONSTRUCTION GENERAL PERMIT (CGP) AND THE PROJECT STORM WATER POLLUTION PREVENTION PLAN
- 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RETAIN A QUALIFIED STORM WATER POLLUTION PREVENTION PLAN PRACTITIONER (QSP) THAT WILL MONITOR THE SITE, IN ACCORDANCE WITH THE CGP.
- 6. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ANY SEDIMENT FROM LEAVING THE SITE. FIBER ROLLS, SAND BAGS AND ADDITIONAL SILT FENCES SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY OR PERMANENT CATCH BASINS SHALL USE THE SEDIMENT BARRIERS SHOWN ON THIS PLAN.
- 7. STORM DRAIN PIPING IS SHOWN FOR REFERENCE ONLY. SEE SHEET C4.00 FOR UTILITY RELATED WORK.

LEGEND

STORM DRAIN INLET PROTECTION PER CASQA DETAIL SE-10

LIMIT OF WORK

STABILIZED CONSTRUCTION ENTRANCE/EXIT PER CASQA DETAIL TC-1

CURB INLET SEDIMENT DAM

PROPOSED STORM DRAIN CATCH BASIN

FIBER ROLLS PER CASQA DETAIL SE-5

PROPOSED TREE PROTECTION FENCING

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ABBREVIATIONS

AGGREGATE BASE

BOTTOM OF CURB

BEGINNING OF WALL

BACK FLOW PREVENTER

CHILLED WATER RETURN

CHILLED WATER SERVICE

AREA DRAIN

ALTERNATE

CLEANOUT

CONCRETE

COPPER PIPE

CHILLED WATER

DRAIN INLET

ELEVATION

ELECTRICAL

EXISTING

END OF WALL

FINISHED GRADE

FIRE HYDRANT

FIRE SERVICE

GREEN EARTH SCIENCE

HOT WATER RETURN HOT WATER SERVICE

FIRE WATER

INVERT

IRRIGATION KILO - VOLT

MANHOLE

MINIMUM

ON CENTER

PROPOSED

POWER

STATION

STORM DRAIN

POINT ON CURVE

PERFORATED PIPE

RECYCLED WATER

SDFM STORM DRAIN FORCE MAIN

SANITARY SEWER

SEARSVILLE WATER

TOP OF WALL

WATER METER WATER VALVE

WATER

SOUTH SERVICE ROAD

TOP OF CURB. TELECOM

POST INDICATOR VALVE

POINT OF CONNECTION

POLYVINYL CHLORIDE

POINT OF VERTICAL INTERSECTION

REINFORCED CONCRETE PIPE

SCIENCE & ENGINEERING QUAD

LIP OF GUTTER LAKE WATER

DUCTILE IRON PIPE

DOMESTIC WATER

END CURB RETURN

EDGE OF PAVEMENT

FIRE DEPARTMENT CONNECTION

EXISTING GRADE

AD

CO

CU

CWS

ECR

EG

ELEC

FDC

FG

FS

FW

INV

IRR

LG

OC

PC

POC

PWR

PP

CONC

ASPHALT CONCRETE



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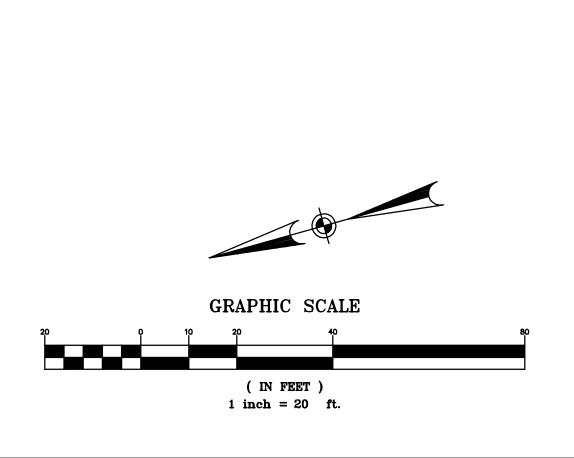
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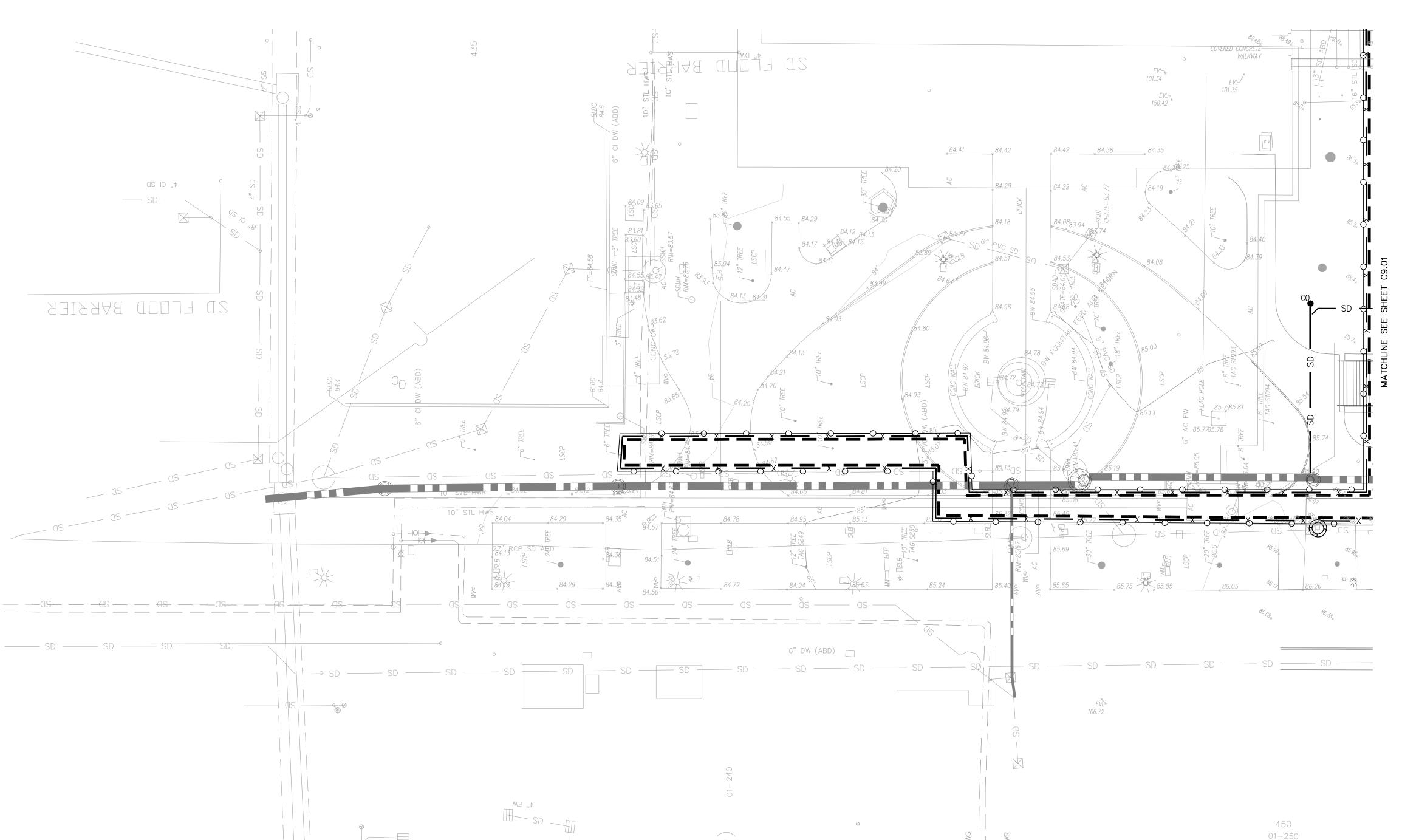
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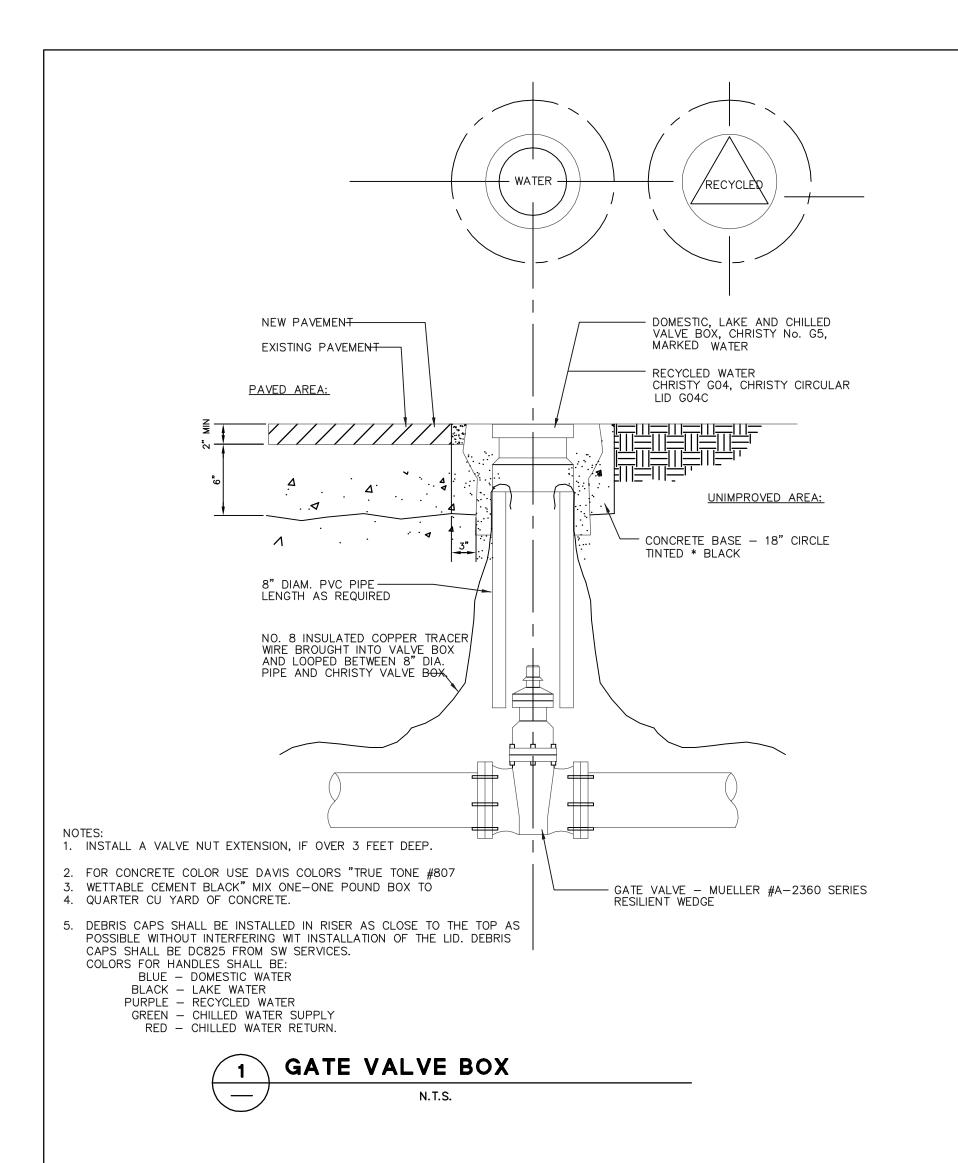
EROSION CONTROL PLAN

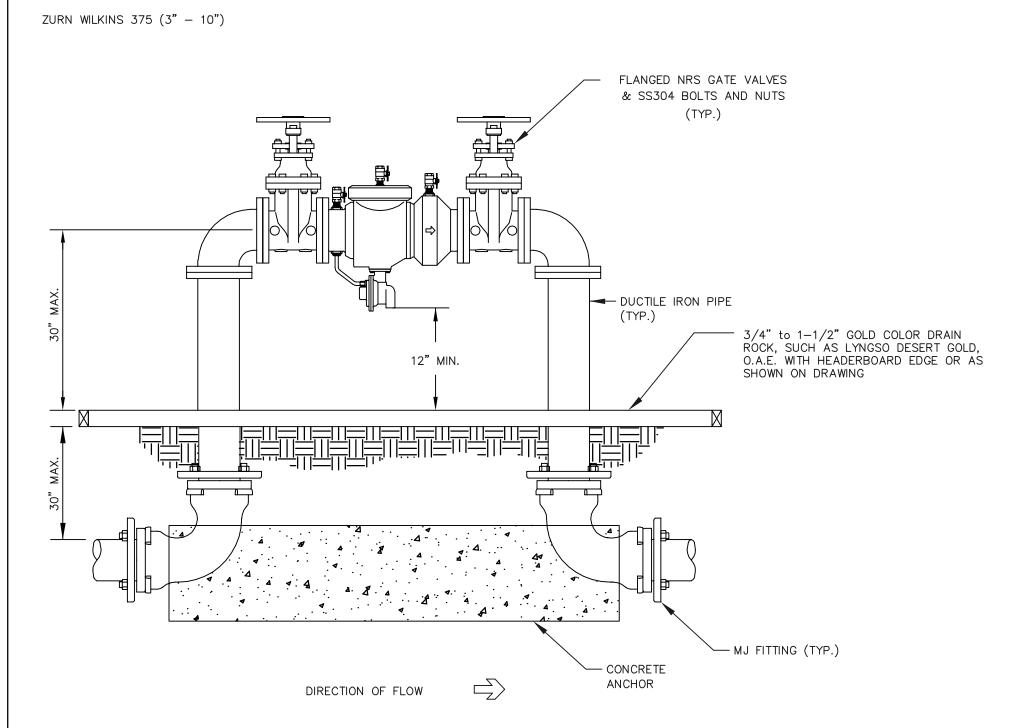
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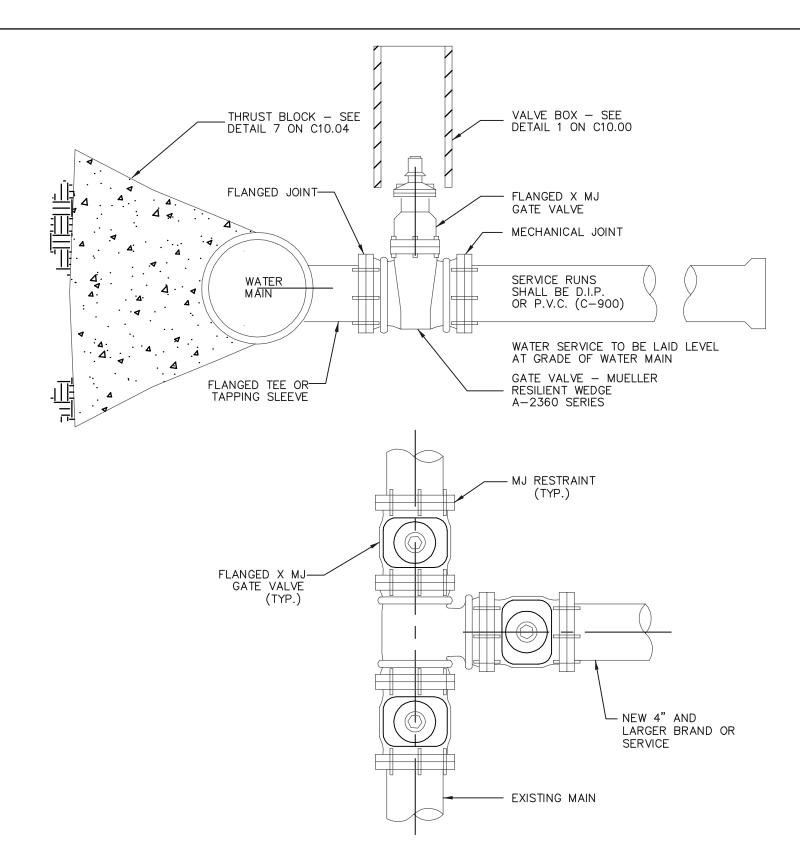






- 1. INLET AND OUTLET PIPES MAY VARY IN ELEVATION BASED ON BUILDING ENTRANCE LOCATIONS AND ELEVATIONS. CONSTRUCT THRUST BLOCKS AS REQUIRED.
- 2. PAINT BACKFLOW CARBON BLACK: KELLY MOORE 1245-407
- 3. ADD CATHODIC PROTECTION WHEN SHOWN ON DRAWINGS.
- 4. RESTRAIN ALL MECHANICAL JOINT FITTINGS WITH MEGA-LUG RESTRAINTS 6. LOCATION TO BE SUBMITTED FOR APPROVAL TO UNIVERSITY ARCHITECT/CAMPUS PLANNING



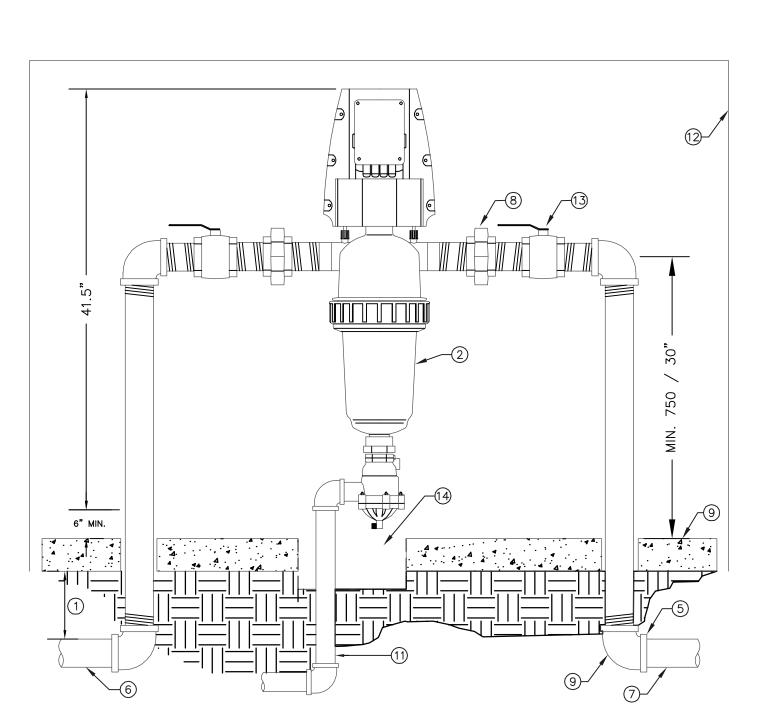


TEE CONNECTION WITH MAIN LINE AND BRANCH VALVES

1. TAPPING SLEEVE CONNECTION SHALL BE REVIEWED AND APPROVED BY STANFORD UTILITIES

2. ADD CATHODIC PROTECTION WHEN SHOWN ON DRAWINGS

WATER SERVICES 4" & LARGER N.T.S.



- 1 TRENCH DEPTH, REFER TO SPECIFICATIONS AMIAD 2" TAF-750 FILTER WITH CARTRIDGE DISC. 9 BRASS 90 DEGREE ELL (4 REQUIRED)
- THREADED BRASS PIPING AND FITTINGS EXTENDED 6" BEYOND CONCRETE PAD.
- (4) 6" THICK CONCRETE PAD FOR ENCLOSURE
- (5) PVC SCHEDULE 80 COUPLER SXT (TWO REQUIRED)
- 6 MINIMUM 2" WATER SOURCE, AS REQUIRED
- 2" PVC PRESSURE SUPPLY LINE THROUGHOUT

- PURGE VALVE AS PART OF VALVE ASSEMBLY 6" MINIMUM BOTTOM CLEARANCE
- 1/2" DIAMETER PVC PIPE TO AND THROUGH THE NEAREST CUBE,
 CORE AND EXTEND TO DRAIN. PROVIDE ALL REQUIRED FITTINGS TO
 MAKE PROPER CONNECTION TO THE PURGE VALVE.
- 12 LE MEUR ENCLOSURE SEE FDG IR-04
- - (13) BRASS ISOLATION BALL VALVE CENTER 10" ROUND VALVE BOX AT CONCRETE PAD

(8) BRASS UNION INSTALLED ON TOP NEXT TO FILTER

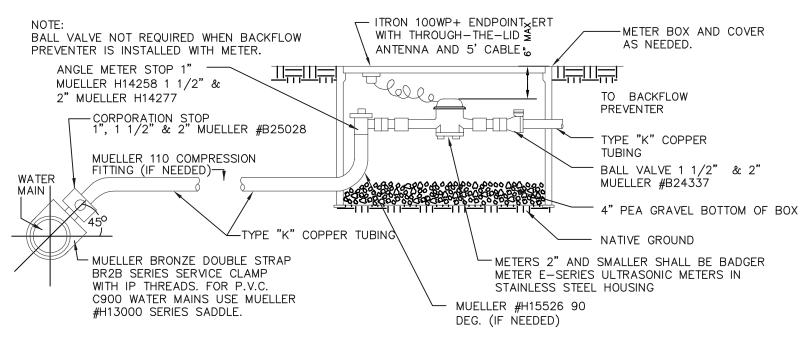
HEIGHT FOR REMOVAL OF FILTER CARTRIDGE SERVICE

NOTE: PROVIDE A 110 VAC POWER SOURCE FOR THE AMIAD TAF-750 LAKE WATER FILTER CONTROLLER. 110 VAC POWER PROVIDED BY OTHERS. THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE POWER WIRES FROM THE SOURCE TO THE FILTER CONTROLLER AND MAKE THE FINAL HOOK-UP. ALL 100 VAC POWER WIRING SHALL BE INSTALLED PER CODE BY A LICENSED ELECTRICAL CONTRACTOR. EACH SITE HAS ITS OWN POC AND FILTER



LAKE WATER FILTER INSTALLATION

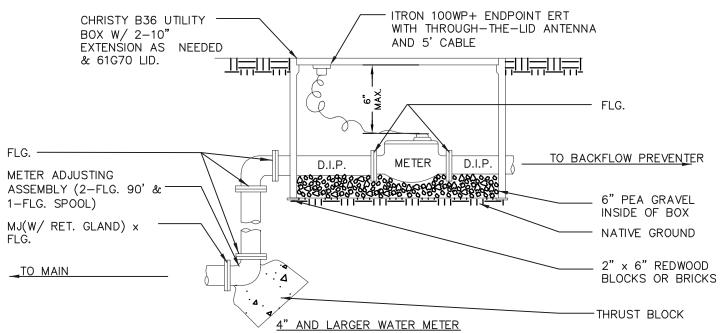
N.T.S.



2" AND SMALLER WATER METER INSTALLATION

CHRISTY METER BOX, WITH EXTENSIONS AS REQUIRED.

CHRISTY #B9 WITH FL9D LID "WATER" 1" METER CHRISTY #B12 WITH B12G LID "WATER 1 1/2" OR 2" METER CHRISTY #B36 WITH 61G70 LID "WATER"

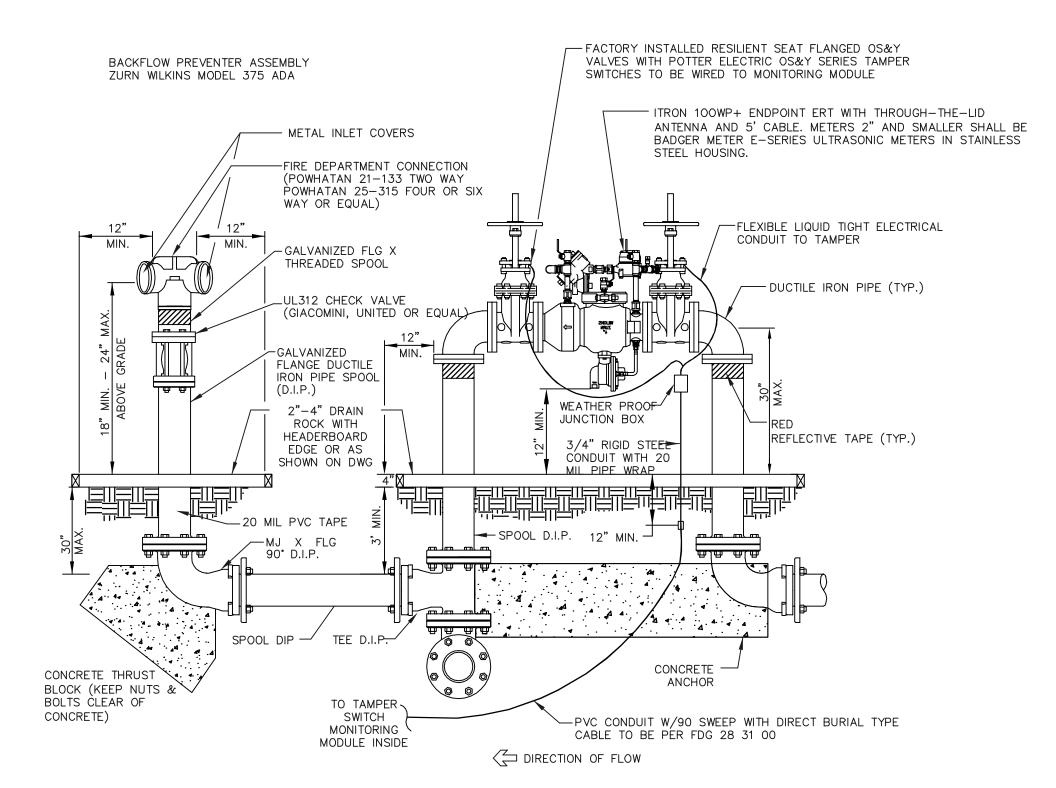


NOTES: 1. CHRISTY B36 METER BOX WITH EXTENSIONS AS REQUIRED. STEEL

CHECKER PLATE LID WITH METER READING LID (61G70).

- 2. BADGER METER TURBO SERIES WITH RTR REGISTER AND ITRON PIT ERT
- STRAIGHT READING CF REGISTER
- 3. 6" PEA GRAVEL IN BOTTOM OF BOX.
- 4. IF REDUCERS ARE REQUIRED, INSTALL OUTSIDE OF BOX.
- 5. INSTALL FIBERGLASS ROD INSIDE OF BOX TO HOLD UP THE SMART METER COMPONENTS. FIBERGLASS ROD SHALL BE 1/2" DIAMETER AND BE APPROPRIATELY SIZED FOR THE METER BOX. NATIONAL MODEL NOS.





1. SEE STANFORD FACILITIES DESIGN GUIDELINESS, SECTION 33 10 01. FOR ADDITIONAL INFORMATION AND REQUIREMENTS FOR REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSEMBLIES.

- 2. INLET AND OUTLET PIPES MAY VARY IN ELEVATION BASED ON BUILDING ENTRANCE LOCATIONS AND ELEVATIONS. CONSTRUCT THRUST BLOCKS AS REQUIRED.
- 3. FDC SHALL BE ACCESSIBLE TO FIRE DEPARTMENT IN ACCORDANCE WITH FIRE MARSHAL.
- 4. BACKFLOW PREVENTER ASSEMBLY SHALL BE PAINTED WITH KELLY-MOORE/DTM 5725 WROUGHT IRON BLACK.
- 5. ADD CATHODIC PROTECTION WHEN SHOWN ON DRAWINGS.
- 6. LOCATION TO BE SUBMITTED FOR APPROVAL TO UNIVERSITY ARCHITECT/CAMPUS PLANNING AND TO SUFMO.
- 7. PROVIDE CODE REQUIRED SIGNAGE PER STANFORD FDG 21 13 00.





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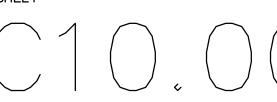
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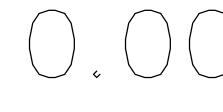
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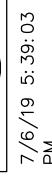
CIVIL DETAILS

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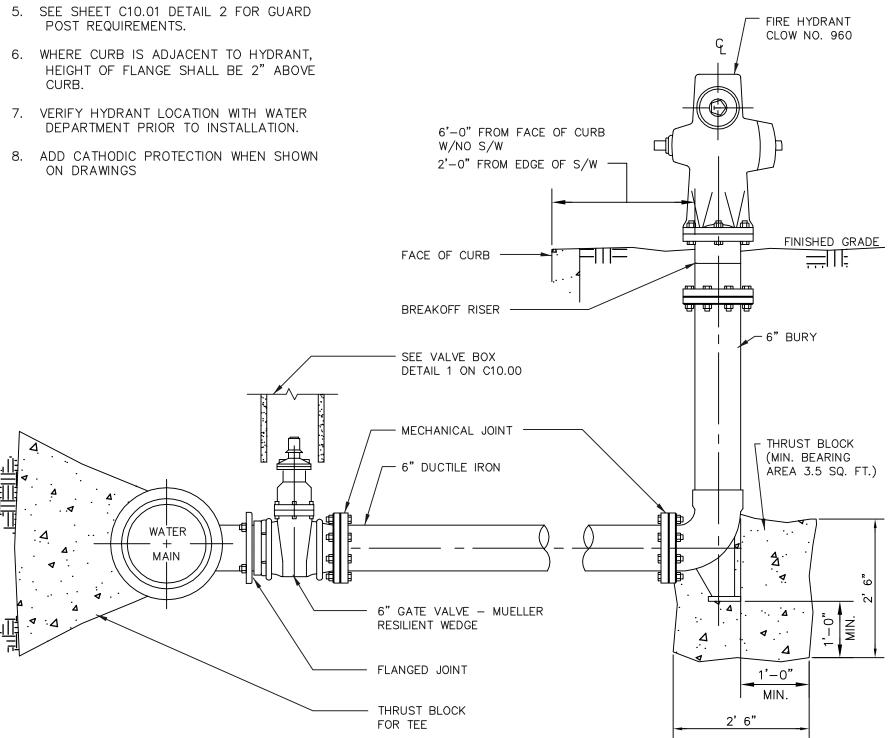


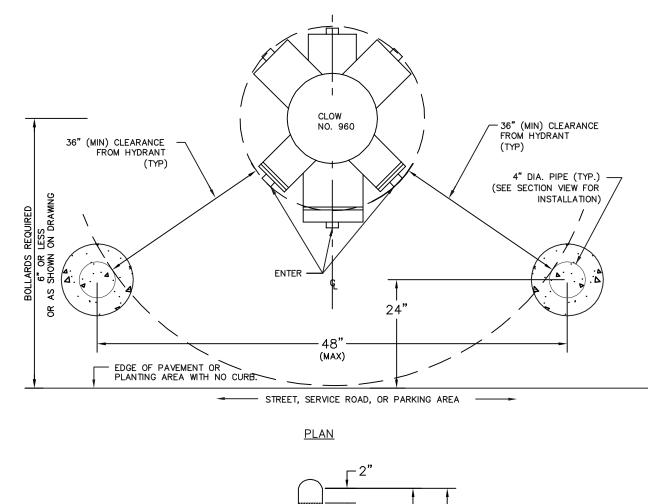


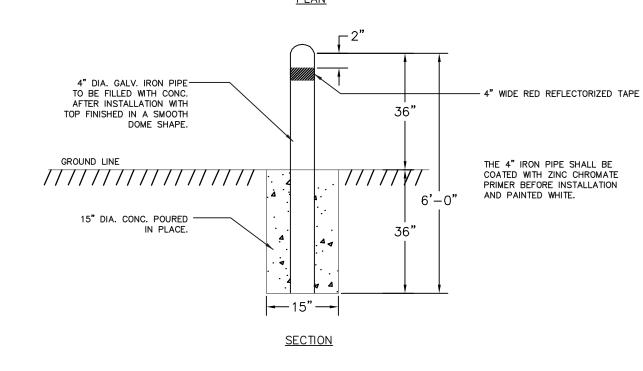


NOTE:

- FLANGE BOLTS & NUTS SHALL BE KEPT CLEAR OF CONCRETE.
- 2. SEE UTILITY PLAN FOR HYDRANT LOCATION.
- 3. STEEL TIE RODS & CLAMPS ARE NOT ACCEPTABLE.
- 4. PAINT HYDRANT WHITE.
- 5. SEE SHEET C10.01 DETAIL 2 FOR GUARD

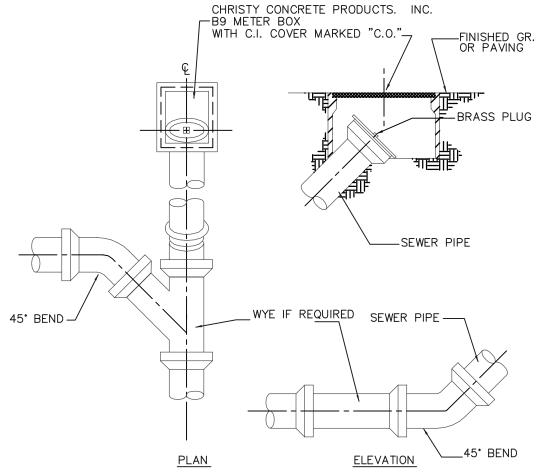


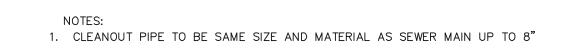


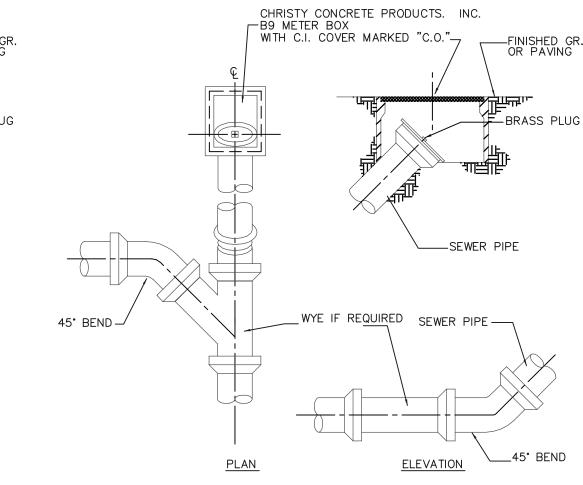




1. DETAIL APPLIES TO FIRE HYDRANT AND FIRE DEPARTMENT CONNECTION (FDC)







1. CLEANOUT PIPE TO BE SAME SIZE AND MATERIAL AS SEWER MAIN UP TO 8"



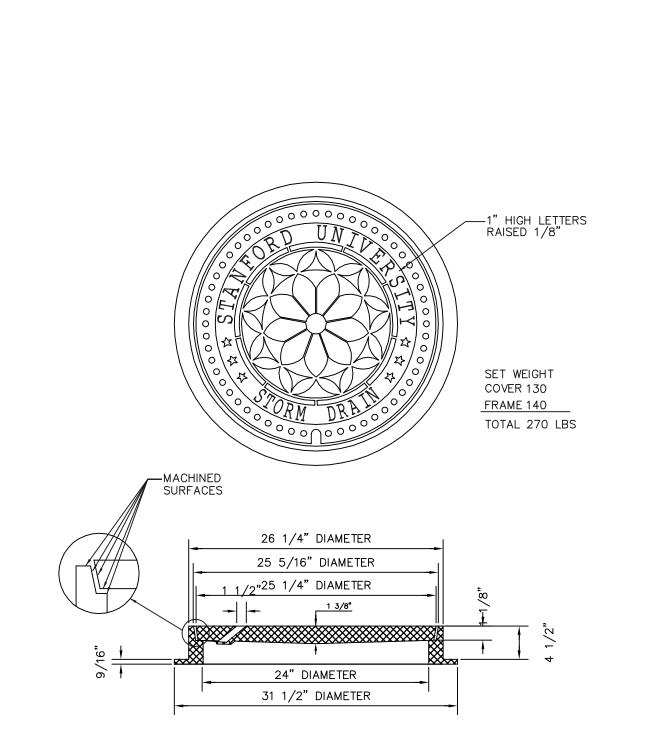
CONCRETE COLLAR SLOPED TO DRAIN IN UNPAVED AREAS

MORTAR ALL INTERIOR AND EXTERIOR JOINT SPACES (TYP.)

AS REQUIRED 6" TYP

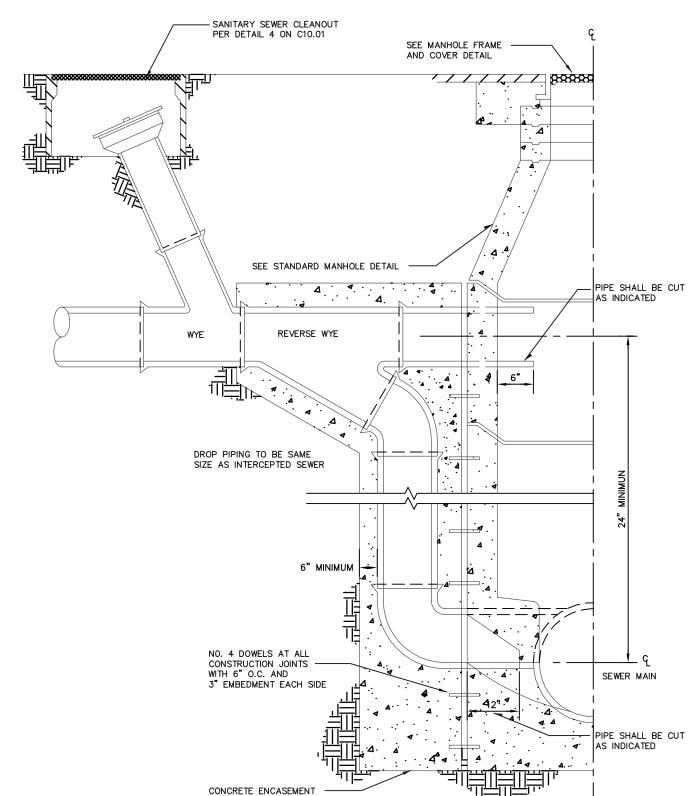
48" DIAMETER

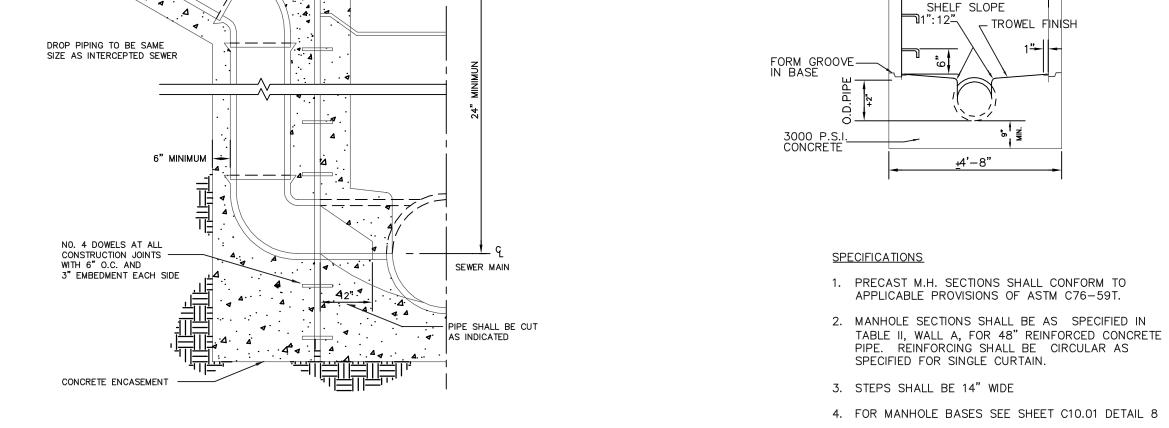




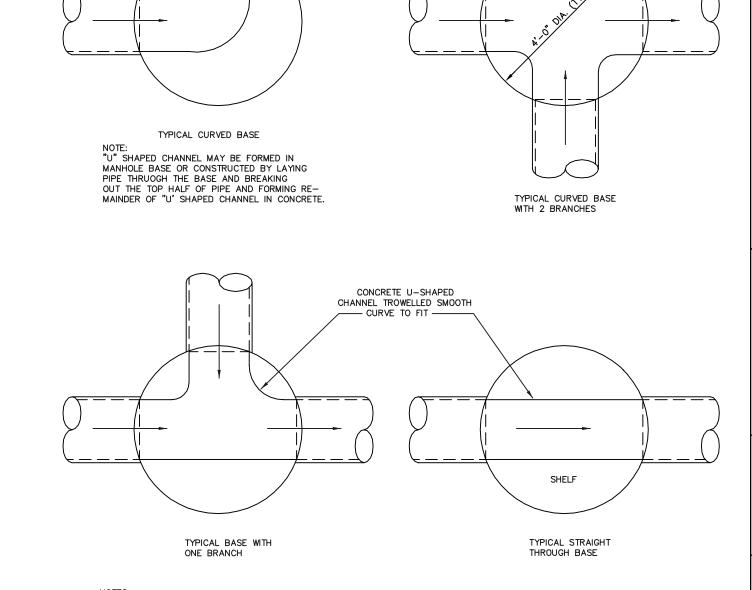
FIRE HYDRANT

N.T.S.



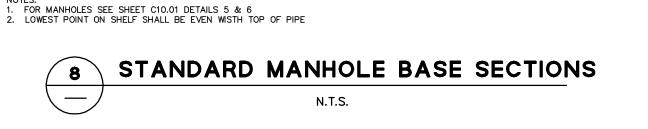


INSTALL MANHOLE FRAME AND COVER TO FINISHED GRADE BEFORE PLACING LAST LIFT OF PAVING



CONCRETE U-SHAPED CHANNEL TROWELLED SMOOTH







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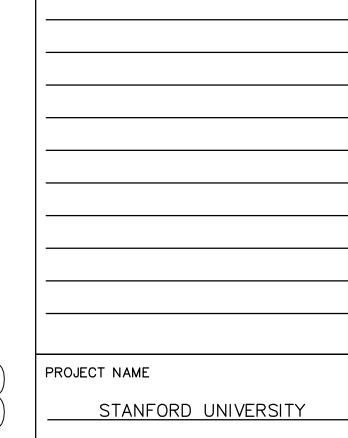
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SHEET TITLE CIVIL DETAILS

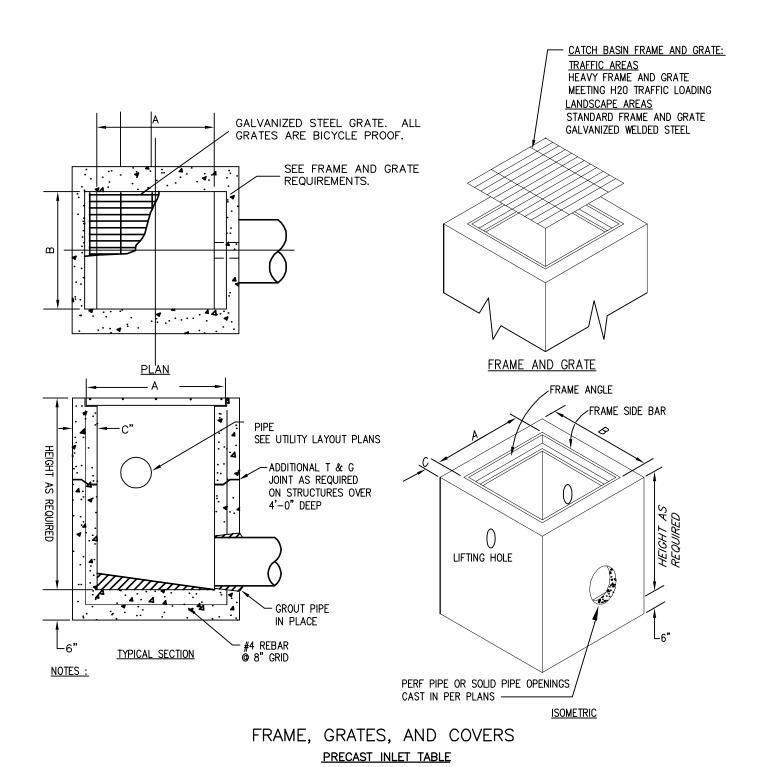
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SHEET

STORM DRAIN MANHOLE FRAME & COVER N.T.S.

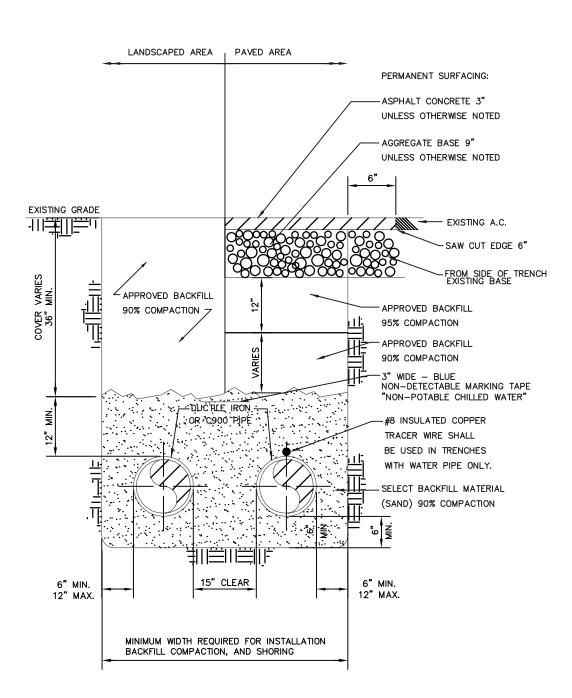
DROP MANHOLE CONNECTION N.T.S.

SANITARY SEWER & STORM DRAIN N.T.S.



INLET TYPE	MODEL	Α	В	C	FRAME, GRATE AND COVER TYPE
12" CATCH BASIN	1K	12"	12"	4"	HEAVY FRAME AND GRATE IN TRAFFIC AREAS, STANDARD IN LANDSCAPE AREAS
24" CATCH BASIN	2K	24"	24"	5"	HEAVY FRAME AND GRATE IN TRAFFIC AREAS, STANDARD IN LANDSCAPE AREAS
JUNCTION BOX	3K	24"	24"	5"	REINFORCED CHECKERED SOLID PLATE COVER WITH HEAVY FRAME AND GRATE

1 PRECAST CATCH BASIN OR JUNCTION BOX N.T.S.

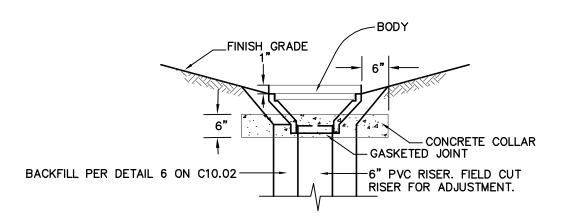


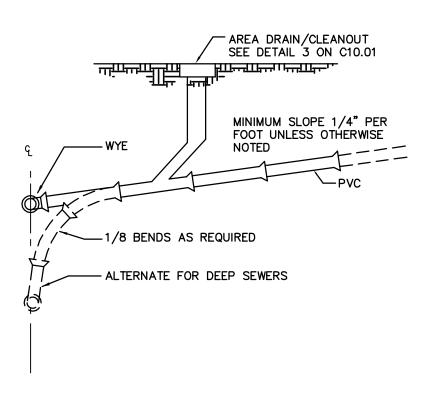
SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY ORDERS.

 RESTORE ALL PAVEMENT MARKINGS IN-KIND WHERE

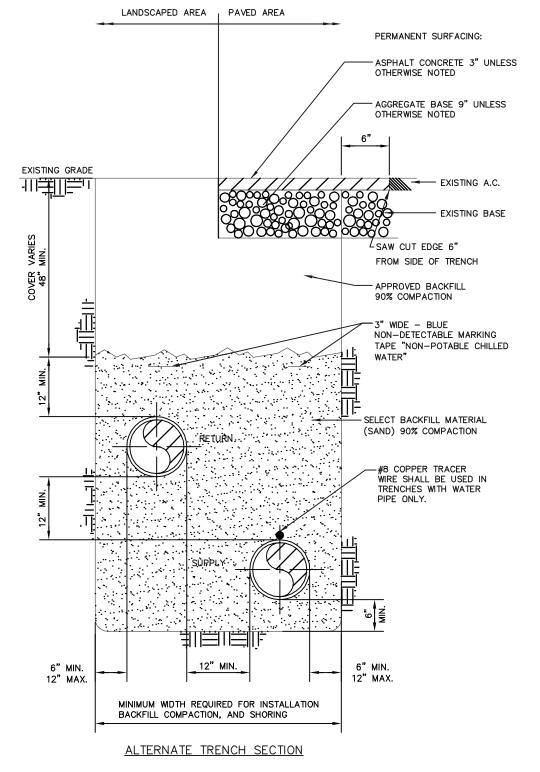


TYPICAL TRENCH SECTION







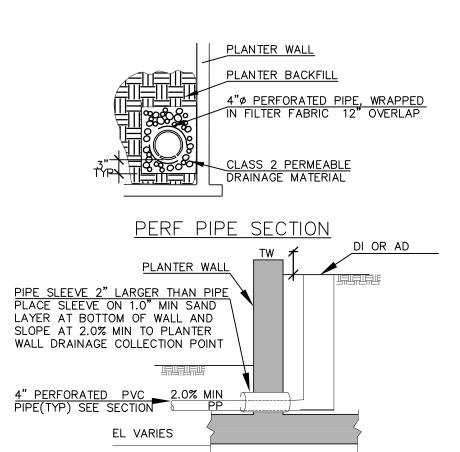


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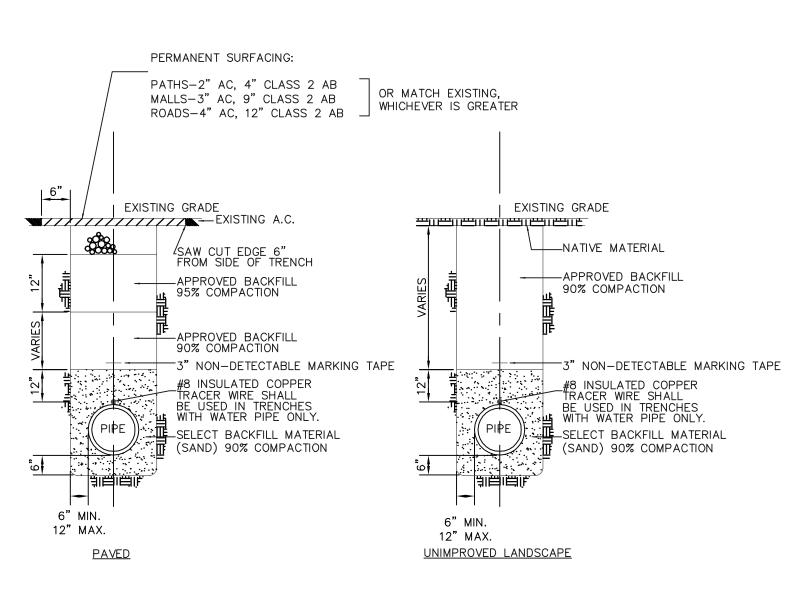
1. SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY ORDERS.

2. RESTORE ALL PAVEMENT MARKINGS IN—KIND WHERE REMOVED AS PART OF TRENCHING OPERATIONS









NOTES:

1. SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY ORDERS.

2. RESTORE ALL PAVEMENT MARKINGS IN-KIND WHERE REMOVED AS PART OF TRENCHING OPERATIONS





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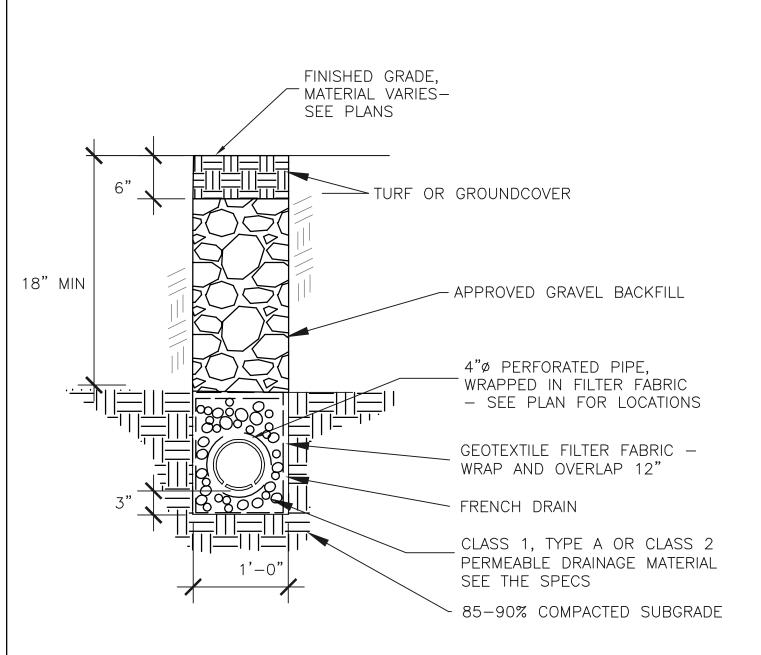
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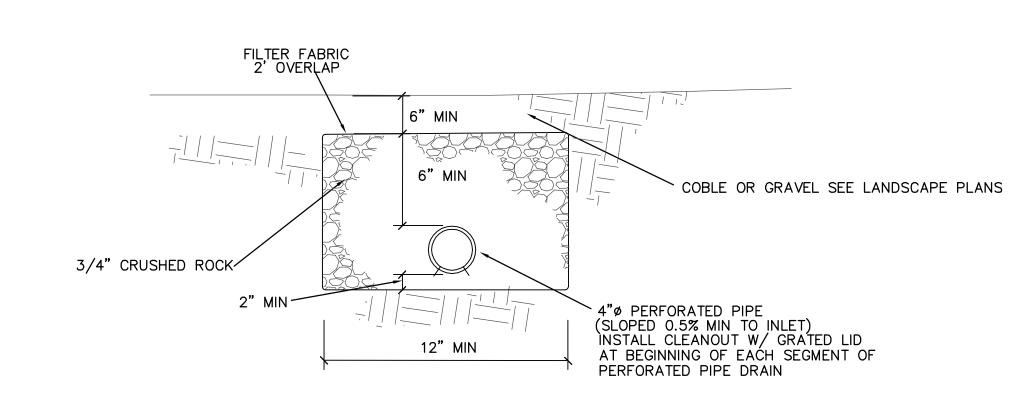
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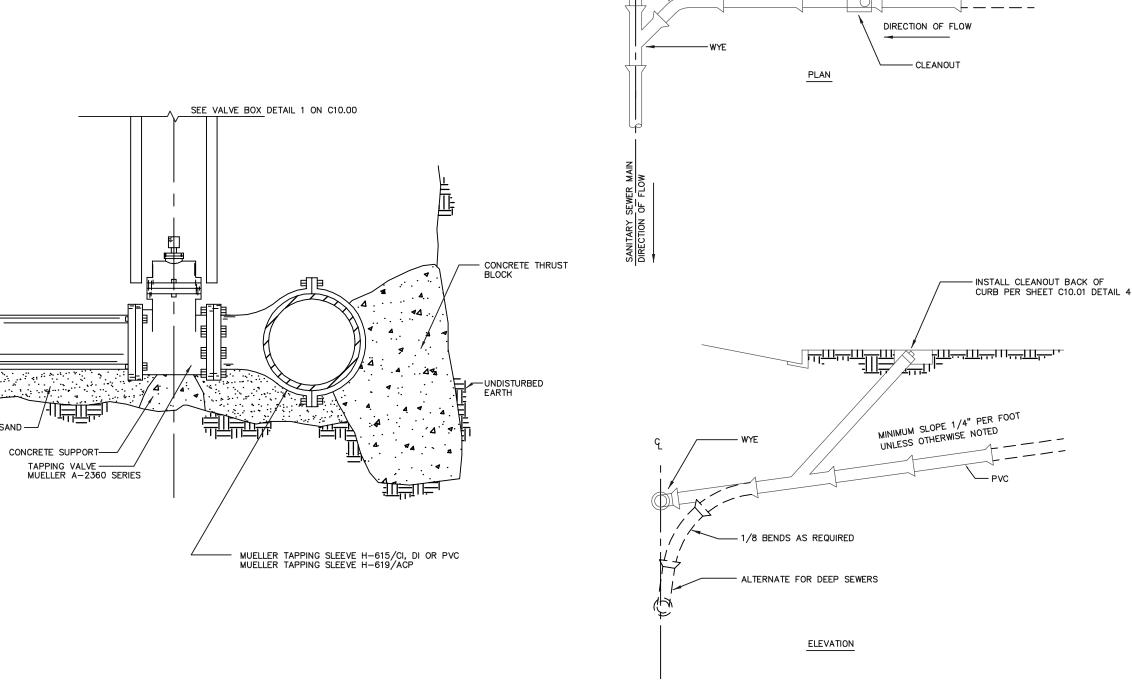
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PERFORATED PIPE IN LANDSCAPE

N.T.S.

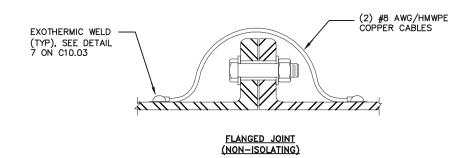


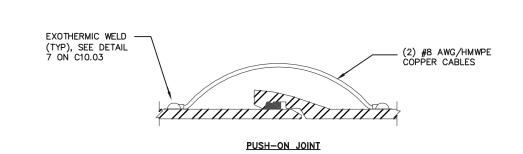


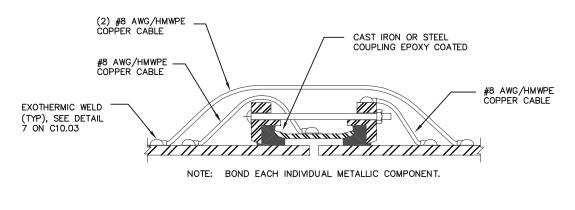
FRAME AND GRATE SEE DETAIL 1 ON C10.02

- 2" x 3/16" RETICULINE BARS (TYP)







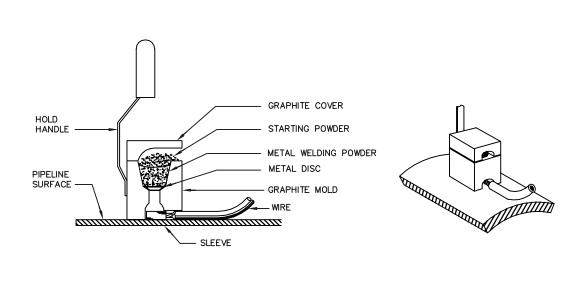


FLEXIBLE COUPLING (MULTIPLE COMPONENT COUPLING)

ANY NON-WELDED, NON-ISOLATING JOINTS, VALVES & FITTINGS REQUIRE BONDING
TO ACHIEVE ELECTRICAL CONTINUITY.
 USE ONE BOND CABLE ONLY PER JOINT FOR PIPE SIZES 8" DIA OR SMALLER.

JOINT BONDING JUMPER INSTALLATION

JOINT BONDING JUMPER INSTALLATION N.T.S.

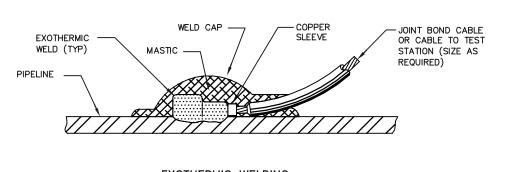


TAPPING SLEEVE AND VALVE

N.T.S.

STEP 1) GRIND STRUCTURE CONNECTION AREA (3"x 3") TO BARE SHINY METAL AND CLEAN.	
STEP 2) STRIP INSULATION FROM WIRE. ATTACH SLEEVE.	
STEP 3) HOLD MOLD FIRMLY WITH OPENING AWAY FROM OPERATOR & IGNITE WITH FLINT GUN.	
TEP 4) REMOVE SLAG FROM CONNECTION AND PEEN WELD FOR SOUNDNESS.	
STEP 5) COVER CONNECTION AND EXPOSED STRUCTURE SURFACE WITH A BITUMINOUS COATING COMPOUND.	

NOTE: PROCEDURE SHOWN ABOVE IS TO BE USED AS A GENERAL GUIDE ONLY. CONSULT MANUFACTURER'S LITERATURE FOR SPECIFIC INSTALLATION INSTRUCTIONS.



EXOTHERMIC WELDING



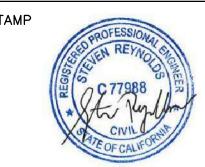
COPPER WATER SERVICE N.T.S.



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	www.bki.com
	DATE
ASA SUBMISSION	7/15/2021
ASA RESUBMITTAL	8/20/2021
RESUBMISSION	11/19/2021
ASA RESUBMITTAL	2/15/2022

SANITARY SEWER LATERAL

PIPE SHALL BE PVC SEWER PIPE

PVC SANITARY SEWER LATERAL

PROJECT NAME NON-METALLIC PIPE TO - BRONZE GROUND CLAMP COPPER WATER LATERAL

> STANFORD, CA 94305 MAGNESIUM ANODE. SEE DETAIL 5 ON C10.04

> > SHEET TITLE

CIVIL DETAILS

STANFORD UNIVERSITY

GRADUATE SCHOOL

OF EDUCATION

485 & 505 LASUEN MALL

PROJECT NO. <u>14029</u> DRAWN BY SR, NB CHECKED BY JL

SHEET

B <----— CONCRETE 4 . 4 . 4 . 4 SECTION B-B SECTION A-A NOTES:
1. PRE-CAST CATCH BASINS SUBJECT TO APPROVAL OF STANFORD WATER DEPARTMENT AND PROJECT MANAGER.

4

FRAME TO BE ANCHORED TO CONCRETE PER MANUFACTURER'S SPECIFICATIONS

CATCH BASIN

#10 AWG/THHN -ANODE CABLE,

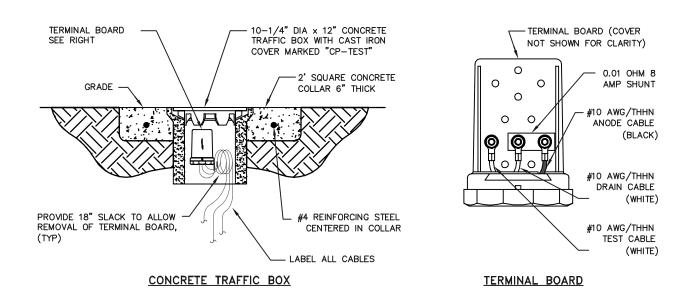
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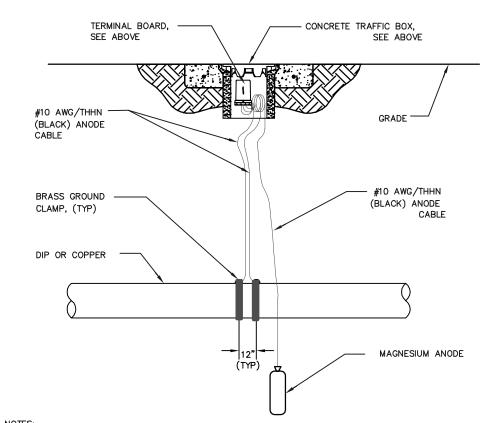
NOTES:

1. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, INCLUDING CONCRETE REINFORCEMENT REBAR.

2. UP TO 5 FITTINGS WITHIN 25 FEET OF EACH OTHER MAY BE BONDED TOGETHER.

ANODE TEST STATION - LATERAL

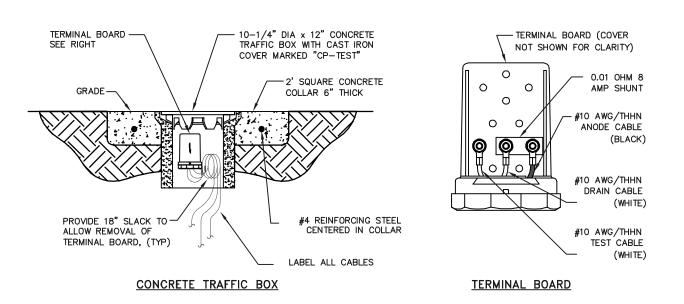


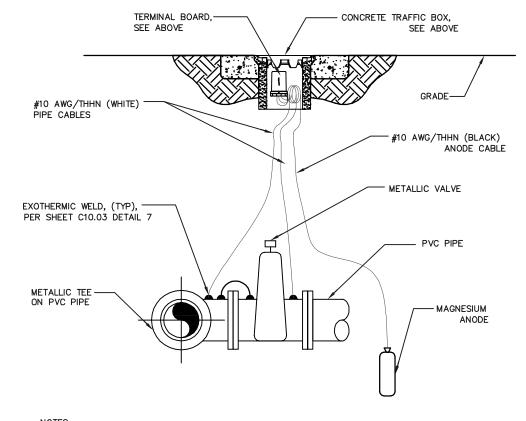


1. BOND ALL NON-WELDED, NON-INSULATING PIPE JOINTS PER DETAIL CP-10. USE BRASS GROUND CLAMP INSTEAD OF EXOTHERMIC WELD FOR CABLE CONNECTING TO COPPER PIPE. FOR DIP, USE EXOTHERMIC WELD. 2. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, INCLUDING CONCRETE REINFORCEMENT REBAR. 3. PIPE SHOULD BE POLYETHYELENE WRAPPED PER AWWA C105.

ANODE TEST STATION - DIP & COPPER SERVICE LATERAL PIPE





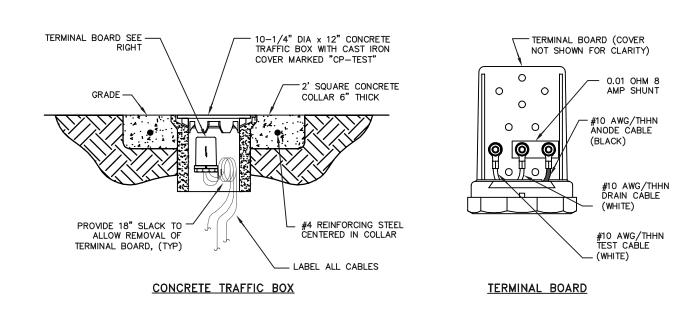


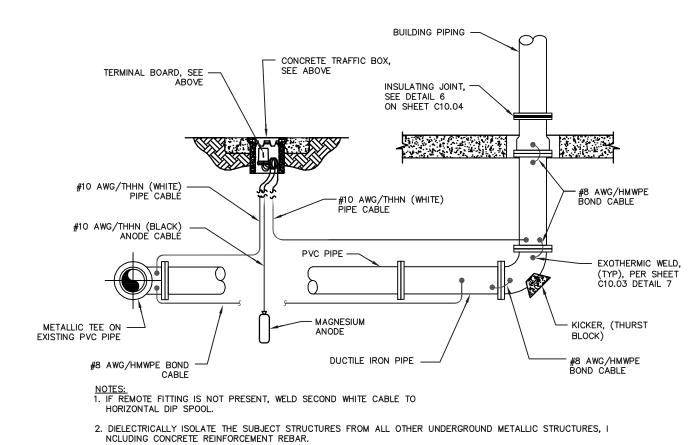
NOTES:

1. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, INCLUDING CONCRETE REINFORCEMENT REBAR. 2. UP TO 5 FITTINGS WITHIN 25 FEET OF EACH OTHER MAY BE BONDED TOGETHER.

ANODE TEST STATION - TEE & VALVE

ANODE TEST STATION- TEE & VALVE

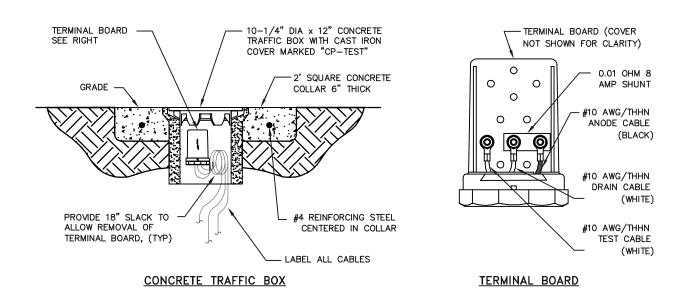


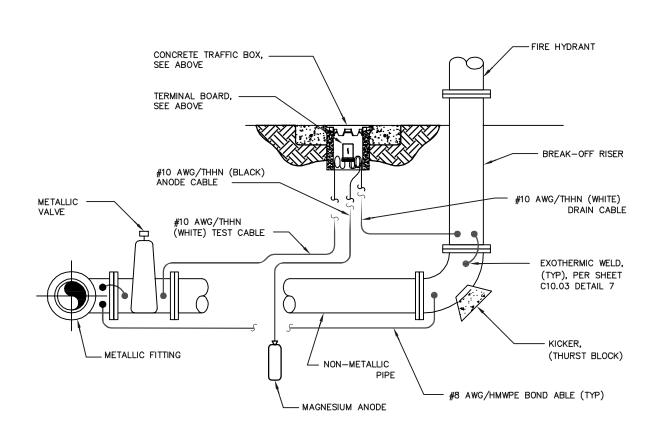


3. UP TO 5 FITTINGS WITHIN 25 FEET OF EACH OTHER MAY BE BONDED TOGETHER.

ANODE TEST STATION - SPRINKLER RISER



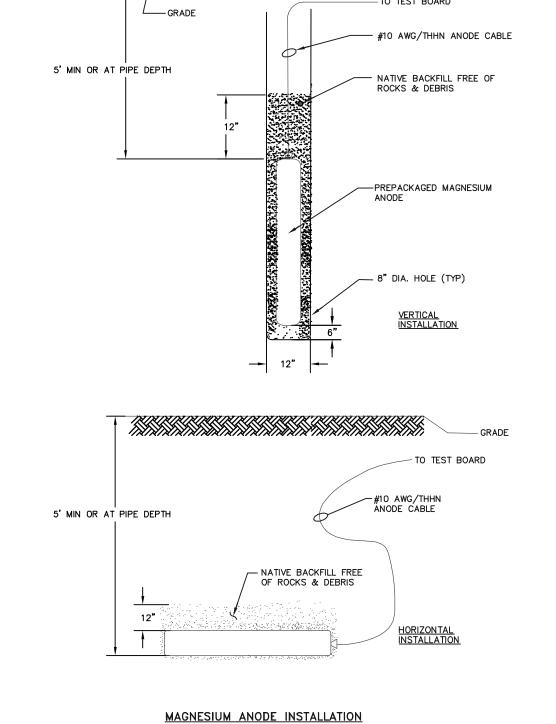




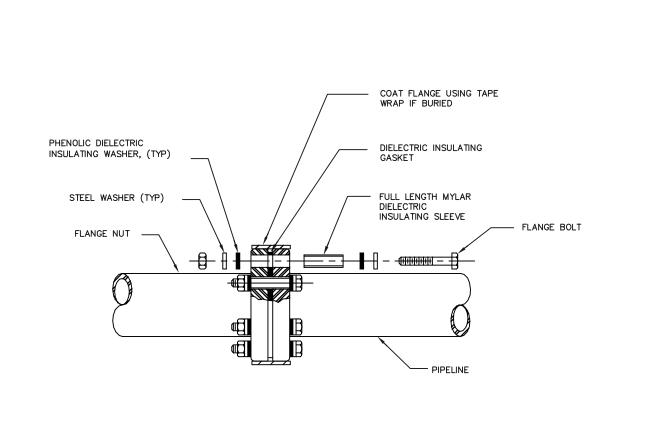
NOTES:
1. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, INCLUDING CONCRETE REINFORCEMENT REBAR. 2. UP TO 5 FITTINGS WITHIN 25 FEET OF EACH OTHER MAY BE BONDED TOGETHER. ANODE TEST STATION - FIRE HYDRANT

ANODE TEST STATION- FIRE HYDRANT

N.T.S.

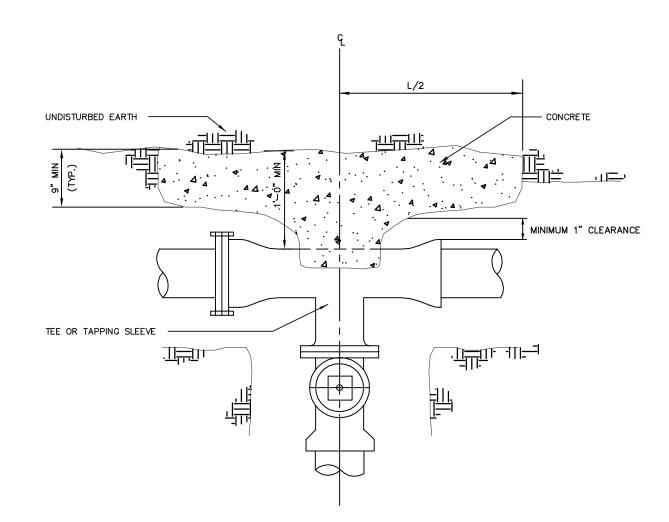






DIELECTRIC INSULATING JOINT





, BOLTS, AND NUTS SHALL BE					
EAR OF CONCRETE.	BLOCKING FOR PIPE TEES				
BEARING AREA ON PIPE & RCE LINE.	SIDE OUTLET PIPE SIZE	BEARING (S.F.)	L & H		
	6 "	3	1'9" × 1'9"		
	8"	5	2'3" × 2'3		
	10"	9	3'0" × 3'0"		

<u>PLAN</u>

NOTES:

2. CENTER E

7	THRUST BLOCK FOR TEES
	— N.T.S.



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MILESTONE	DATE
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ASA NESOBIVITAL	2/10/2022

PROJECT NAME

STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION

485 & 505 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE CIVIL DETAILS

PROJECT NO. 14029 DRAWN BY SR, NB CHECKED BY JL

SHEET

3'5" x 3'5"

STANFORD UNIVERSITY TREE AND SHRUB PROTECTION GUIDELINES

- 1. WE HAVE STRICT REQUIREMENTS WHICH INCLUDE THE POINTS LISTED BELOW AND ADDITIONAL PROCEDURES AS DETAILED IN THE FDG SPECIFICATIONS GUIDELINE 01 56 39 TREE AND PLANT PROTECTION.
- 2. THE ROOT ZONE OF ALL TREES MUST BE PROTECTED ON ALL CONSTRUCTION PROJECTS, AS DESCRIBED BELOW. A TREE'S ROOT ZONE IS DEFINED AS-LISTED IN DEFINITIONS 1.3B.
- 3. A STANFORD GROUNDS CERTIFIED ARBORIST SHALL BE CONTACTED TO EVALUATE ALL WORK WITHIN ANY TREES ROOT ZONES.
- 4. ALL TREES TO REMAIN ON A PROJECT SHALL HAVE PROTECTIVE FENCING INSTALLED PER THE TREE PROTECTION DRAWING INCLUDED IN THE PLAN SET.
- 5. PROTECTIVE FENCING SHALL BE CHAIN LINK ON SECURE FOOTINGS, OR IMBEDDED AS REQUIRED BY THE CAMPUS PLANNING AND DESIGN OFFICE OR A STANFORD GROUNDS CERTIFIED ARBORIST, THAT WILL NOT FALL OVER ONTO TREES.
- 6. PROTECTIVE FENCING SHALL BE PLACED AT THE OUTER EDGE OF THE ROOT ZONE, AS PER TREE PROTECTION PLAN L1.01, AND WHEREVER POSSIBLE AS SHOWN ON THE TREE PROTECTION DRAWING. IF PROJECT CONSTRAINTS DO NOT ALLOW FOR FENCING AT THE OUTER EDGE OF THE ROOT ZONE, FENCING MUST BE PLACED AS CLOSE TO THIS AS POSSIBLE AND APPROVED AFTER IT IS IN PLACE BY A STANFORD UNIVERSITY GROUNDS CERTIFIED ARBORIST.
- 7. LAYDOWN, STAGING AND PARKING AREAS SHALL BE APPROVED BY THE STANFORD UNIVERSITY ARCHITECT/CAMPUS PLANNING DEPARTMENT AND SHALL BE SHOWN ON THE PLANS IF WITHIN THE PROJECT LIMIT AREA, OR ON THE CONSTRUCTION LOGISTICS PLAN IF OUTSIDE THE PROJECT LIMIT AREA. ALL TREE PROTECTION GUIDELINES APPLY TO TREES IN LAYDOWN, STAGING AND PARKING AREAS AS WELL AS TO TREES WITHIN THE PROJECT LIMITS.
- 8. CONSTRUCTION MATERIALS/EQUIPMENT/PERSONAL VEHICLES SHALL NOT BE STORED, PARKED OR TEMPORARILY PLACED IN THE ROOT ZONE OF ANY TREES. NOTHING SHALL BE STORED OR PLACED TEMPORARILY WITHIN PROTECTIVE FENCING, TO AVOID SOIL COMPACTION AND SOIL CONTAMINATION UNDER TREES. ROOT ZONES OF TREES SHALL NOT BE DRIVEN OVER. PROVIDE ALTERNATIVE ROUTES FOR CONSTRUCTION TRAFFIC OF ANY KIND INCLUDING CARS, PEOPLE, TRACTORS, EQUIPMENT, CRANES, OR ANY OTHER TRAFFIC AND ALL STAGING OR STORAGE AREAS.
- 9. PROTECT OVERHANGING TREE CANOPIES FROM CONSTRUCTION DAMAGE. IF DRIVE AISLES ARE ANTICIPATED UNDER LOW CANOPIES CALL FOR AN EVALUATION BY A STANFORD GROUNDS CERTIFIED ARBORIST TO DETERMINE APPROPRIATE MEASURES.
- 10. THERE SHALL BE NO GRADE CHANGE WITHIN A MINIMUM OF TEN FEET OF THE TRUNK OF EXISTING TREES, AND PREFERABLY NONE WITHIN THE ENTIRE ROOT ZONE. NATIVE OAKS ARE PARTICULARLY SENSITIVE TO GRADE CHANGES.
- 11. NO RINSING, CLEANING EQUIPMENT OR DUMPING CONSTRUCTION LIQUID MATERIALS SHALL BE ALLOWED IN THE TREE ROOT ZONE, OR IN AN AREA THAT DRAINS INTO THE ROOT ZONE. CARE SHALL BE TAKEN IN CLEANING UP EQUIPMENT. THERE SHALL BE NO STORAGE OF DUMPSTERS OR ACCUMULATED DEBRIS FROM DEMOLITION ON OR AROUND THE ROOT ZONES OF EXISTING TREES AND SHRUBS.
- 12. EXISTING TREES SHALL BE MONITORED WEEKLY AND IRRIGATED AS NEEDED DURING THE COURSE OF CONSTRUCTION.
- 13. NO LIME OR OTHER SOIL TREATMENT SHALL BE APPLIED WITHOUT THE CONSENT OF A STANFORD GROUNDS CERTIFIED ARBORIST.
- 14. ALL TRENCHING SHALL CONFORM TO THE FOLLOWING GUIDELINES.
 - a. A STANFORD GROUNDS CERTIFIED ARBORIST IS REQUIRED TO BE PRESENT TO SUPERVISE ANY TRENCHING, DIGGING OR EXCAVATION OF ANY KIND WITHIN A TREES' ROOT ZONE.
 - b. ROOTS LARGER THAN 2 INCHES IN DIAMETER SHALL NOT BE SEVERED WITHOUT CALLING A STANFORD GROUNDS CERTIFIED ARBORIST FOR CUTTING OR REVIEW.
 - c. TUNNELING OR BORING UNDER ROOTS RATHER THAN PRUNING IS PREFERRED.
 - d. DIGGING WITHIN A TREE'S ROOT ZONE SHALL BE AVOIDED. IF IT IS NECESSARY, HAND DIGGING SHALL BE USED FOR ANY TRENCHING WITHIN THE TREE'S ROOT ZONE UNLESS OTHERWISE APPROVED BY A STANFORD GROUNDS CERTIFIED ARBORIST.
 - e. ALL ROOTS THAT NEED TO BE CUT SHALL BE PERPENDICULAR PRUNED CLEANLY, NOT TORN.

THE PRECEDING GUIDELINES SHALL BE CONSIDERED MINIMUM REQUIREMENTS. THE GREATER THE DISTANCE OF TREE PROTECTION PROVIDED THE GREATER THE INSTANCE OF TREE SUCCESS IN CONSTRUCTION AREAS.

TREE NOTES

- 1. CONTRACTOR SHALL TAG ALL TREES TO BE REMOVED, RELOCATED AND PROTECTED. CONTRACTOR SHALL REVIEW ALL TREES WITH THE OWNER AND THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL & RELOCATION.
- 2. PLEASE CONTACT A STANFORD ARBORIST TO BE PRESENT FOR NECESSARY ROOT EXCAVATION, DURING THE REMOVAL OF EXISTING PARKING LOT, CURB-PERIMETERS, SIDEWALKS AND OR AGGREGATE PATHWAYS, WHERE ANY TRENCHING MAY SEVER TREE ROOTS. THERE ARE MANY ESTABLISHED TREES IN NARROW PLANTING AREAS AND THESE TREE ROOTS HAVE GROWN NEXT TO OR UNDER SUCH CONCRETE, AGGREGATE WALK WAYS, AND PAST CURBS AND INTO THE PARKING LOT PERIMETERS. STANFORD ARBORIST'S ARE REQUIRED TO OVERSEE CONSTRUCTION WORK THAT IS DONE UNDER TREES, INCLUDING ROOT PRUNING.
- 3. THIS IS A LIST OF STANFORD UNIVERSITY ARBORISTS:
- MICHAEL GLADDEN (650) 313—9436 MGLADDEN@STANFORD.EDU

 4. ALL EXISTING LANDSCAPED AREA AND IRRIGATION ARE TO BE RESTORED AND OPERATIONAL WITH PRIOR APPROVAL OF THE STANFORD UNIVERSITY ARCHITECT AND PLANNING OFFICE AND STANFORD GROUNDS SERVICES.
- 5. ONLY HAND EXCAVATION IS TO BE DONE FOR GRUBBING UNDERNEATH THE CANOPIES OR WITHIN ANY PROTECTED EXISTING TREES' ROOTZONE. FOLLOW ALL STANFORD UNIVERSITY TREE AND SHRUB

PROTECTION GUIDELINES (AS SHOWN ABOVE) AND REFER TO THE FDG DOCUMENTATION.

6. COORDINATE WITH STANFORD ARBORIST PRIOR TO BEGINNING CONSTRUCTION IF PRUNING TO EXISTING TREES WILL BE NECESSARY IN ORDER TO COMPLETE THE REQUIRED WORK.

TREE REMOVAL LIST

NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	LOCATION	BARNUM ASA
28	PARROTIA PERSICA	PERSIAN IRONWOOD	3.5"	SUNKEN COURTYARD	N
29	MAGNOLIA SOULANGEANA	SAUCER MAGNOLIA	6"	SUNKEN COURTYARD	N
30	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	11.5"	SUNKEN COURTYARD	N
31	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	15.5"	SUNKEN COURTYARD	N
32	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	9.5"	SUNKEN COURTYARD	N
33	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	11.5"	SUNKEN COURTYARD	N
39	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	11"	ADJACENT TO BUILDING FOOTPRINT	N
40	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	10.5"	ADJACENT TO BUILDING FOOTPRINT	N
46	EUCALYPTUS SIDEROXYLON	RED IRONBARK	17"	ADJACENT TO BUILDING FOOTPRINT	N
47	EUCALYPTUS SIDEROXYLON	RED IRONBARK	29"	ADJACENT TO BUILDING FOOTPRINT	N
64	CEDRUS DEODARA	DEODAR CEDAR	38.5"	ADJACENT TO BUILDING FOOTPRINT	N
67	PINUS PINEA	ITALIAN STONE PINE	27"	ADJACENT TO BUILDING FOOTPRINT	N
70	PINUS PINEA	ITALIAN STONE PINE	28.5"	ADJACENT TO BUILDING FOOTPRINT	N
78	MALUS SP.	CRABAPPLE	1.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
 79	MALUS SP.	CRABAPPLE	1.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	28.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
 81	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	5.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
33	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	13.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
 34	CEDRUS ATLANTICA	ATLAS CEDAR	23"	ADJACENT TO BUILDING FOOTPRINT	Υ
 36	ARBUTUS 'MARINA'	MARINA MADRONE	6"	ADJACENT TO BUILDING FOOTPRINT	N
	GINGKO BILOBA	MAIDENHAIR TREE	16"	S. BUILDING FOOTPRINT	N
38	QUERCUS AGRIFOLIA	COAST LIVE OAK	36.5"	ADJACENT TO BUILDING FOOTPRINT	Y
90	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	4.5"	EXISTING CENTRAL COURTYARD	Y
91	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6"	EXISTING CENTRAL COURTYARD	Y
92	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6.5"	EXISTING CENTRAL COURTYARD	Y
93	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6"	EXISTING CENTRAL COURTYARD	Y
94	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6"	EXISTING CENTRAL COURTYARD	Y
95	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6.5"	EXISTING CENTRAL COURTYARD	Y
96	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	4.5"	EXISTING CENTRAL COURTYARD	Y
97	QUERCUS AGRIFOLIA	COAST LIVE OAK	12"	ADJACENT TO BUILDING FOOTPRINT	Y
99	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	9.5"	EXISTING CENTRAL COURTYARD	Y
100	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	10.5"	EXISTING CENTRAL COURTYARD	Y
101	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	9.5"	EXISTING CENTRAL COURTYARD	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
102	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	14"	EXISTING CENTRAL COURTYARD	N
103	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
104		JAPANESE LOQUAT	18.5"		
105	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	1.5"	EXISTING CENTRAL COURTYARD	N
106	ERIOBOTRYA JAPONICA			EXISTING CENTRAL COURTYARD	N
107	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	14.5"	EXISTING CENTRAL COURTYARD	N
108	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
10	BETULA UTILIS VAR.JACQUEMONTII	HIMALAYAN BURCH	3"	EXISTING CENTRAL COURTYARD	IN N
18	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	6"	EXISTING CENTRAL COURTYARD	N
119	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	5.5"	EXISTING CENTRAL COURTYARD	N
120	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	5.5"	EXISTING CENTRAL COURTYARD	N
1004	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	
1005	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	
006	GINGKO BILOBA	MAIDENHAIR TREE	5"	FIRE LANE TURN AROUND	
007	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	

TREE RI	ELOCATION LIST				
NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	PROPOSED LOCATION	BARNUM ASA
82	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	29"	SOUTH COURTYARD AT BARNUM	Υ
85	GINGKO BILOBA	MAIDENHAIR TREE	4"	MARY BELL FLOYD GARDEN	Υ
89	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	36"	SOUTH COURTYARD	N
109	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
111	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
112	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
113	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
114	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
115	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4.5"	SUNKEN COURTYARD	N
116	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
117	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	3"	SUNKEN COURTYARD	N
1008	GINGKO BILOBA	MAIDENHAIR TREE	5"	MARY BELL FLOYD GARDEN	



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△ MILESTONE	DATE
ASA SUBMISSION	07.15.2021
ASA RESUBMISSION	08.20.2021
ASA RESUBMISSION	11.19.2021
ASA RESUBMISSION	02.15.2022

PROJECT NAME

NORTH BUILDING

STANFORD UNIVERSITY

GRADUATE SCHOOL

OF EDUCATION

PROTECTION, REMOVAL

485 LASUEN MALL

STANFORD, CA 94305
SHEET TITLE

DEMOLITION, TREE

AND RELOCATION

NOTES

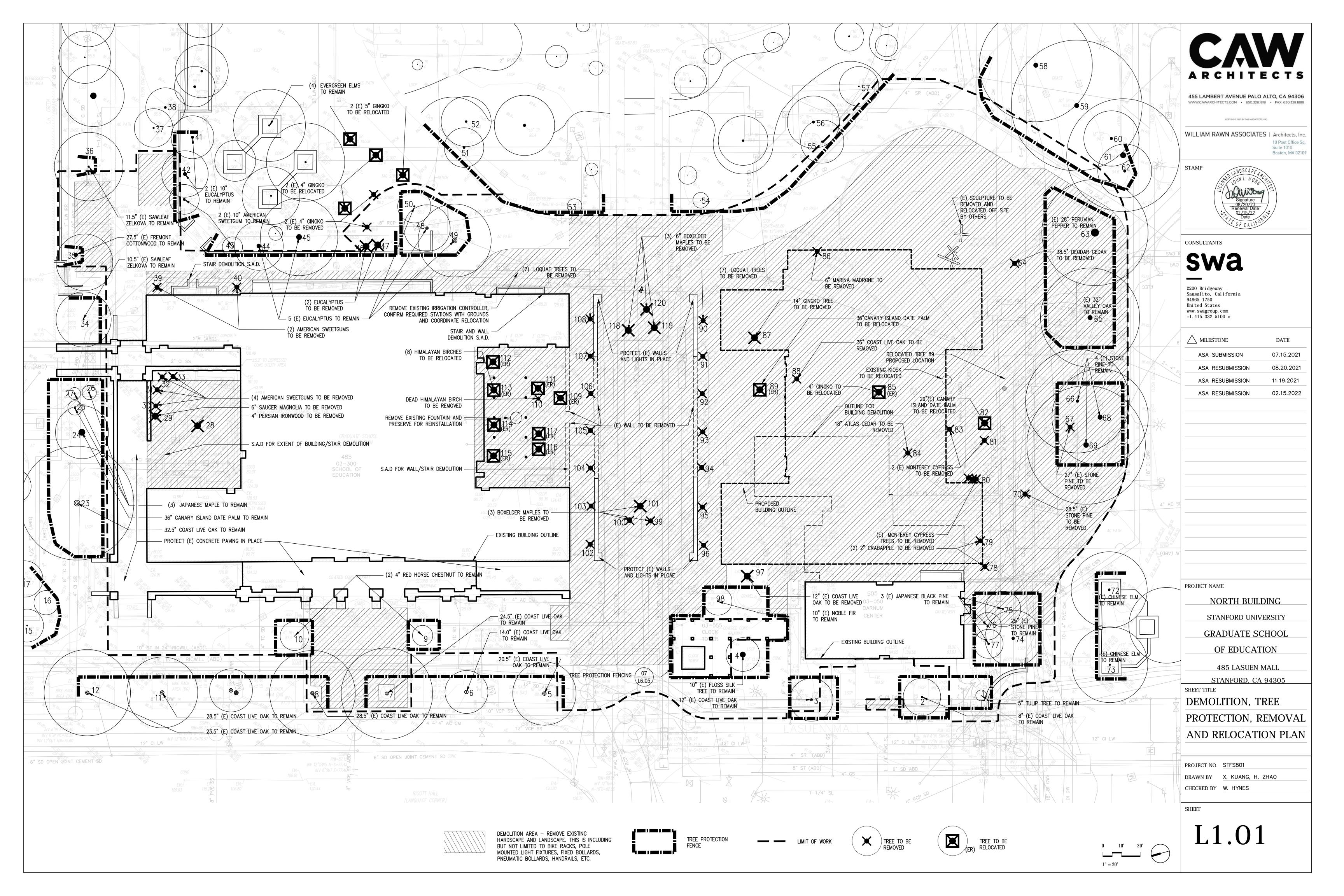
PROJECT NO. STFS801

DRAWN BY X. KUANG, H. ZHAO

CHECKED BY W. HYNES

SHEET

L1.00



SITE PLAN NOTES

- 1. LOCATION OF ALL ABOVE GROUND ELEMENTS TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT OR STANFORD REPRESENTATIVE.
- 2. PROPOSED ELEMENTS, INCLUDING UTILITIES, LOCATED AMONG EXISTING TREES SHALL BE REVIEWED IN FIELD WITH LANDSCAPE ARCHITECT AND STANFORD ARBORIST PRIOR TO EXCAVATING.
- 3. PROVIDE 4'X4' SQUARE MOCKUPS FOR ALL CONCRETE FLATWORK FOR REVIEW AND APPROVAL
- 4. PROVIDE MOCKUP OF 4' LONG SECTION OF STEPS WITH CONTRASTING STRIPE FOR REVIEW AND APPROVAL.
- 5. TRASH AND RECYCLE BINS TO BE DETERMINED AND WILL BE LOCATED BY LANDSCAPE ARCHITECT OR STANFORD REPRESENTATIVE PRIOR TO ORDERING OR INSTALLATION.
- 6. ALL EXISTING AND PROPOSED ASPHALT, MULCH AND AGGREGATE PATHS TO HAVE METAL HEADERS.
- 7. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, WORK LINE, FACE OF BUILDING, FACE OF WALL, OR CENTERLINE, AS INFERRED ON DRAWINGS.
- 8. ALL WORK PERFORMED WITHIN THE DRIP LINE OF TREES DESIGNATED "EXISTING TREES TO REMAIN" SHALL BE DONE BY HAND LABOR.

- 9. ALL ANGLES TO BE 90 DEGREES UNLESS OTHERWISE NOTED. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON DRAWINGS.
- 10. HOLD TOPS OF WALLS AND FENCES LEVEL UNLESS
- OTHERWISE NOTED

 11. REFERENCE TO NORTH REFERS TO TRUE NORTH,
 REFERENCE TO SCALE IS FOR FULL—SIZED DRAWINGS
- ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.

 12. DIMENSIONS TAKE PRECEDENCE OVERS SCALES SHOWN ON DRAWINGS.
- 13. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS
- 14. DO NOT INSTALL ANY WORK ON STRUCTURE PRIOR TO REVIEW OF WATERPROOFING BY ARCHITECT.
- 15. ALL CONCRETE SLABS, RAMPS, OR STEP FOOTINGS
 SHALL BE DOWELED INTO ABUTTING WALLS,
 FOUNDATIONS AND FOOTINGS USING BARS OF THE
 SAME SIZE AND SPACING UNLESS OTHERWISE NOTED.

PAVING	SCHE	EDULE (P)							
SYMBOL	KEY	DESCRIPTION	MATERIAL	SUPPLIER	SIZE	COLOR	FINISH	JOINT	REMARK
E.J.	(P1)	COLORED CONCRETE 1	INTEGRAL COLOR CONCRETE	DAVIS COLOR	_	PALOMINO - 5447	MEDIUM ETCH	SAWCUT	MOCKUP REQUIRED
E.J.	(P2)	COLORED CONCRETE 2	INTEGRAL COLOR CONCRETE	DAVIS COLOR	_	MESA BUFF - 5447	MEDIUM ETCH	SAWCUT	MOCKUP REQUIRED
E.J.	(P3)	COLORED CONCRETE 3	INTEGRAL COLOR CONCRETE	DAVIS COLOR	_	MESA BUFF - 5447	LIGHT ETCH	SAWCUT	MOCKUP REQUIRED
	(P4)	STANDARD CONCRETE	-	_	_	STANDARD GRAY	LIGHT ETCH	SAWCUT	GLARE REDUCING AGENT
	(P5)	DECOMPOSED GRANITE	CRUSHED AGGREGATE	TMT ENTERPRISES, INC.	1/4"	FELTON GOLD	_	_	STABILIZED USE BINDER PER SPECIFICATIONS
	(P6)	ASPHALT PAVING	ASPHALT	_	_	_	_	_	_
	(P7)	GRAVEL	FELTON QUARRY GOLD	_	3/4" AGGREGATE	TAN	_	_	_
	(P8)	RIVERWASHED PEBBLE	LA PAZ PEBBLES	LYNGSO, WWW.LYNGSOGARDEN.COM 650.364.1730	1-2"	MEXICAN BLACK	_	_	PROVIDE MARKUP FOR REVIEW
* * * * * * * * * * * * * * * * * * *	(P9)	SMALL FIR BARK MULCH	CLEAN FIR BARK	LYNGSO, WWW.LYNGSOGARDEN.COM 650.364.1730	_	_	-	_	_
	(P10)	ARBOR MULCH (WALK-ON MULCH)	WOOD CHIP MULCH	LYNGSO, WWW.LYNGSOGARDEN.COM 650.364.1730	_	_	_	_	_
[]	(P11)	HEADER	STEEL	J.D. RUSSEL	1/4" X 5"	BLACK	_	-	_
	(P12)	POROUS PAVE XL	HALF RECYCLED RUBBER CHIPS AND HALF KILN-DRIED AGGREGATE WITH BINDER	POROUS PAVE INC.	_	_	_	_	_
	(P13)	GRAVELPAVE2 GRAVEL PAVING	GRAVEL AND RECYCLED PLASTIC	INVISIBLE STRUCTURES INVISIBLESTRUCTURES.COM	_	_	_	_	_

ABBREVIATIONS

SYM	DESCRIPTION
BLDG	BUILDING
BS	BOTTOM OF STAIR
CL	CENTER LINE
(E)	EXISTING ELEMENT
EJ	EXPANSION JOINT
EQ	EQUAL
(ER)	ORIGINAL LOCATION OF ELEMENT TO BE RELOCATED
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE (TOP OF SOIL)
FS	FINISH SURFACE (HARDSCAPE)
HDR	HEADER
L.O.W.	LIMIT OF WORK
(N)	NEW
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
(NR)	LOCATION OF RELOCATED ELEMENT

SYM	DESCRIPTION
O.C.	ON CENTER
P.A.	PLANTING AREA
P.O.B.	POINT OF BEGINNING
S.A.D.	SEE ARCHITECTURAL DRAWINGS
S.C.D.	SEE CIVIL DRAWINGS
S.I.D.	SEE IRRIGATION DRAWINGS
S.L.D.	SEE LIGHTING CONSULTANT'S DRAWINGS
S.S.	STAINLESS STEEL
S.S.D.	SEE STRUCTURAL DRAWINGS
S.U.	STANFORD UNIVERSITY
TBD	TO BE DETERMINED
TH	THRESHOLD
TS	TOP OF STAIR
TW	TOP OF WALL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.I.E.	VERIFY IN FIELD

AME	VITY SCHEDULE (A)							
KEY	DESCRIPTION	MATERIALS	MODEL	SUPPLIER	SIZE	COLOR	FINISH	REMARK
(A1)	BIKE RACK	STEEL	SEE DETAIL	SCH ENTERPRISES LLC WWW.SCHENTERPRISESLLC.ORG/	PER PLAN	BLACK	PFS THERMOPLASTIC BLACK	
$\langle A2 \rangle$	TRASH AND RECYCLE RECEPTACLE	STEEL	SEE DETAIL	VICTOR STANLEY 800-368-2573 WWW.VICTORSTANLEY.COM	PER PLAN	BLACK		
(A3)	FIXED BOLLARD	STEEL	_	STANFORD UNIVERSITY FACILITIES OPERATIONS, METAL SHOP 315 BONAIR SIDING 650-725-3172	3' TALL	BLACK		
A4	REMOVABLE BOLLARD	STEEL	_	STANFORD UNIVERSITY FACILITIES OPERATIONS, METAL SHOP 315 BONAIR SIDING 650-725-3172	3' TALL	BLACK		
(A5)	ENTRY SIGNAGE	PRECAST/PIP CONCRETE	_	TBD	SEE DETAIL			FOOTING REQUIRES STRUCTURAL REVIEW
(A6A)	SHORT BENCH AT MARY BELL FLOYD GARDEN	METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
(A6B)	SHORT BENCH WITH BACK REST AT MARY BELL FLOYD GARDEN	METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
(A7A)	LONG BENCH AT MARY BELL FLOYD GARDEN	METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
Á7B	LONG BENCH WITH BACK REST AT MARY BELL FLOYD GARDEN	METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
(A8)	CURVED BENCH AT SUNKEN GARDEN	METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
(A9)	CAMPUS STANDARD COURTYARD BENCH	TEAK	PARKSIDE BENCH	GARDENSIDE LTD., WW.GARDENSIDE.COM, CONTACT MIKE DAVID AT 1-888-999-8325	SEE DETAIL	NATURAL	2 COATS TEAK OIL FINISH	
(A10)	CONCRETE SEAT WALL WITH SKATE DETERRENT	INTEGRAL COLOR POURED IN PLACE CONCRETE			PER PLAN	PER PLAN		SEE ENLARGEMENT PLANS



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No. 1766

Signature

08/20/23

Renéwal Date

02/15/22

CONSULTANTS

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MILESTONE DATE

ASA SUBMISSION 07.15.2021

ASA RESUBMISSION 08.20.2021

ASA RESUBMISSION 11.19.2021

ASA RESUBMISSION 02.15.2022

PROJECT NAME

NORTH BUILDING
STANFORD UNIVERSITY

GRADUATE SCHOOL
OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305
SHEET TITLE

LANDSCAPE SITE PLAN
NOTES

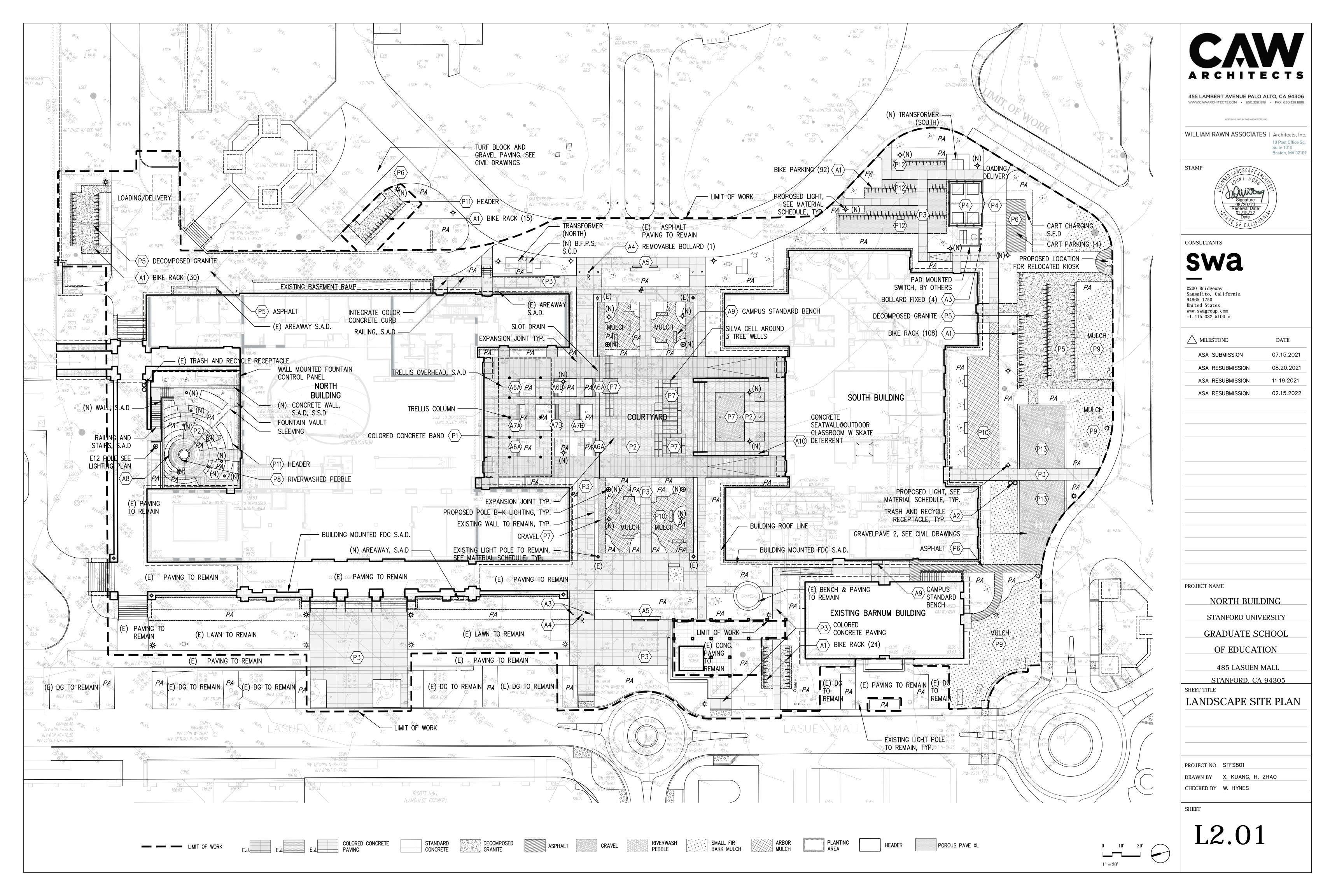
PROJECT NO. STFS801

DRAWN BY X. KUANG, H. ZHAO

CHECKED BY W. HYNES

SHEET

L2.00



PLANTING AND IRRIGATION NOTES

- 1. ALL EXISTING LANDSCAPED AREAS AND IRRIGATION IN THE AREA THAT MAY HAVE BEEN IMPACTED ARE TO BE RESTORED AND OPERATIONAL WITH PRIOR APPROVAL OF THE STANFORD UNIVERSITY ARCHITECT AND PLANNING OFFICE AND STANFORD GROUNDS SERVICES.
- 2. EXISTING WIRING, CONTROLLER AND POINT OF CONNECTION TO BE REUSED FOR THIS PROJECT. NEW OR REPLACED EQUIPMENT SHOULD BE REPLACED IN ACCORDANCE WITH FDG GUIDELINES.
- 3. IRRIGATION DRAWINGS AND DETAILS ARE NOT BEING PROVIDED FOR THIS PROJECT. CONTRACTOR TO PROVIDE A SUBMITTAL TO STANFORD GROUNDS SERVICES FOR REVIEW FOR ALL PROPOSED EQUIPMENT USED TO RESTORE EXISTING SYSTEM. PROPOSED EQUIPMENT, DOCUMENTATION AND DETAIL DRAWINGS CAN BE FOUND AT THE STANFORD FDG GUIDELINES.
- HTTP: //MAPS.STANFORD.EDU/SITES/ALL/LBRE-SHARED/FILES/DOCS_PUBLIC/LANDSCAPING_DESIGN_GUIDELINES.PDF AND HTTP: //MAPS.STANFORD.EDU/FDG_VIEW_DRAWINGS
- 4. SPECIFY THAT ONLY RAIN BIRD IRRIGATION PARTS ARE UTILIZED. INCLUDE ADDITIONAL NOTE: ALL COPIES OF IRRIGATION INVOICES FOR ANY RAIN BIRD PRODUCTS USED IN THIS PROJECT TO BE RETAINED AND SUBMITTED TO GROUNDS SERVICES. STANFORD GROUNDS IRRIGATION (650) 650–725–8687.
- 5. TIES TO BE PROVIDED BY CONTRACTOR TO ATTACH VINES TO CABLES AND TRELLIS STRUCTURE. SUBMIT SAMPLE FOR REVIEW PRIOR TO INSTALLATION.
- 6. PROVIDE 3" OF MULCH FOR ALL UNPAVED PATHWAYS, ALL PLANTING AREAS AND 10' BEYOND THE LIMITS OF WORK.

TREE	RE	LOCATION	LIST

NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	PROPOSED LOCATION	BARNUM ASA
82	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	29"	SOUTH COURTYARD AT BARNUM	
85	GINGKO BILOBA	MAIDENHAIR TREE	4"	MARY BELL FLOYD GARDEN	Υ
89	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	36"	SOUTH COURTYARD	N
109	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
111	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
112	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
113	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
114	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
115	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4.5"	SUNKEN COURTYARD	N
116	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
117	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	3"	SUNKEN COURTYARD	N
1008	GINGKO BILOBA	MAIDENHAIR TREE	5"	MARY BELL FLOYD GARDEN	

SIZE

SPACING

COMMON NAME

PLANT LIST

BOTANICAL NAME

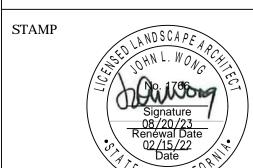
BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WUCOLS	COMMENTS
				(REG. 1)	
TREES					
ACER RUBRUM 'BOWHALL'	BOWHALL RED MAPLE	36" BOX	PER PLAN	М	6' MIN CLEAR TRUNK
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	RELOCATED/24" BOX	PER PLAN	H	MULTI TO MIX W/ (E) TREES
GINKO BILOBA	MAIDENHAIR TREE	36" BOX	PER PLAN	M	LOW BRANCH
PRUNUS YEDOENSIS 'AKEBONO'	FLOWERING CHERRY	36" BOX	PER PLAN	1	EOW BINNION
QUERCUS AGRIFOLIA	COAST LIVE OAK	48" BOX	PER PLAN	VL VL	
QUERCUS AGRIFOLIA	COAST LIVE OAK	RELOCATED/72" BOX	PER PLAN	VL	
QUERCUS LOBATA	VALLEY OAK	36"/48" BOX	PER PLAN	1	
QUERCUS SUBER	CORK OAK	36"/48" BOX	PER PLAN	ī	
SEQUOIA SEMPERVIRENS	COAST REDWOOD	36" BOX	PER PLAN	Н	
SHRUBS AND GROUNDCOVERS					
ARCTOSTAPHYLOS 'HOWARD MCMINN'	MANZANITA	5 GAL	48" O.C. TRI	1	
COPROSMA KIRKII	COPROSMA	5 GAL	30" O.C. TRI	L	
DIETES IRIDOIDES	FORTNIGHT LILY	5 GAL	30" O.C. TRI	Ī	
ESCALLONIA 'COMPACTA'	DWARF ESCALLONIA	5 GAL	30" O.C. TRI	М	
ESCALLONIA 'FRADESII'	ESCALLONIA	5 GAL	30" O.C. TRI	M	
HEBE 'AUTUMN GLORY'	HEBE	5 GAL	30" O.C. ROW	M	
LIGUSTRUM JAPONICUM 'TEXANUM'	PRIVET	5 GAL	30" O.C. TRI	M	
PITTOSPORUM CRASSIFOLIUM 'COMPACTUM'	DWARF KARO	5 GAL	30" O.C. ROW	M	
TRACHELOPSERMUM JASMINOIDES	STAR JASMINE	5 GAL	36" O.C. TRI	M	
GROVE PLANTING					
COPROSMA KIRKII	COPROSMA	5 GAL	30" O.C. TRI	1	
COTONEASTER HORIZONTALIS	ROCKSPRAY COTONEASTER	5 GAL	48" O.C. TRI	L	
DUCHESNICA INDICA	INDIAN STRAWBERRY	5 GAL	30" O.C. TRI	M	
ROSMARINUS 'COLLINGWOOD INGRAM'	ROSEMARY	5 GAL	30" O.C. TRI	IVI I	
INDSWANINGS COLLINGWOOD INGRAM	NUSLIMAIN I	JUAL	50 0.0. IKI	L	
MARY BELL FLOYD GARDEN	CTD AWDDDY DUCH	Г ОАI	70" 0 0 DOW	1	
ARBUTUS 'ELFIN KING'	STRAWBRRY BUSH	5 GAL	36" O.C. ROW	L	
CHOISYA TERNATA	MEXICAN ORANGE	5 GAL	36" O.C. ROW	M	
FRAGARIA CHILOENSIS	STRAWBERRY	5 GAL	36" O.C. TRI	М	
LAVANDULA STOECHAS	SPANISH LAVENDER	5 GAL	30" O.C. ROW	L	
PLUMBAGO AURICULATA	CAPE PLUMBAGO	5 GAL	36" O.C. TRI	L	
PUNICA GRANATUM 'NANA'	DWARF POMEGRANATE	5 GAL	30" O.C. ROW	L	
ROSMARINUS 'COLLINGWOOD INGRAM'	ROSEMARY	5 GAL	36" O.C. ROW	L	
SALVIA BLEPHAROPHYLLA	EYELASH SAGE	5 GAL	30" O.C. ROW	L	
SALVIA BEE'S BLISS	CREEPING SAGE	5 GAL	48" O.C. ROW	L	
THYMUS VULGARIS	THYME	5 GAL	12" O.C. TRI	L	
THYMUS X CITRIODORUS 'AUREUS'	GOLDEN LEMON THYME	5 GAL	12" O.C. TRI	L	
SUNKEN GARDEN					
ABUTILON SP.	HEDGE MAPLE	5 GAL	PER PLAN	M	
BUXUS MICROPHYLLA JAPONICA	JAPANESE BOXWOOD	5 GAL	24" O.C. ROW	M	
LIRIOPE MUSCARI	LIRIOPE	5 GAL	12" O.C. TRI	M	
MAHONIA AQUIFOLIUM	OREGON GRAPE HOLLY	5 GAL	30 <u>"</u> O.C. ROW	M	
PITTOSPORUM CRASSIFOLIUM 'COMPACTUM'	DWARF KARO	5 GAL	30 <u>"</u> O.C. ROW	M	
VINCA MINOR	DWARF PERIWINKLE	5 GAL	12" O.C. TRI	М	
SOUTH GARDEN MIX					
ARCTOSTAPHYLOS D. 'HOWARD MCMINN'	MANZANITA	5 GAL	30" O.C. ROW	L	
COTONEASTER HORIZONTALIS	ROCKSPRAY COTONEASTER	5 GAL	48" O.C. TRI	L	
HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	PER PLAN	L	
MAHONIA AQUIFOLIUM	OREGON GRAPE	5 GAL	36" O.C. TRI	L	
VINES					
DISTICTIS BUCCINATORIA	TRUMPET VINE	5 GAL	PER PLAN	М	
LAWN SOR I AWN	DOLEDO DILIC				OOM DOLEDO DUADE EECOLE / 1
SOD LAWN	BOLERO PLUS	_	_	Н	90% BOLERO DWARF FESCUE / 1



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COMMENTS

WUCOLS

MILESTONE	DATE
ASA SUBMISSION	07.15.2021
ASA RESUBMISSION	08.20.2021
ASA RESUBMISSION	11.19.2021
ASA RESUBMISSION	02.15.2022

PROJECT NAME

NORTH BUILDING

STANFORD UNIVERSITY

GRADUATE SCHOOL

OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

PLANTING NOTES

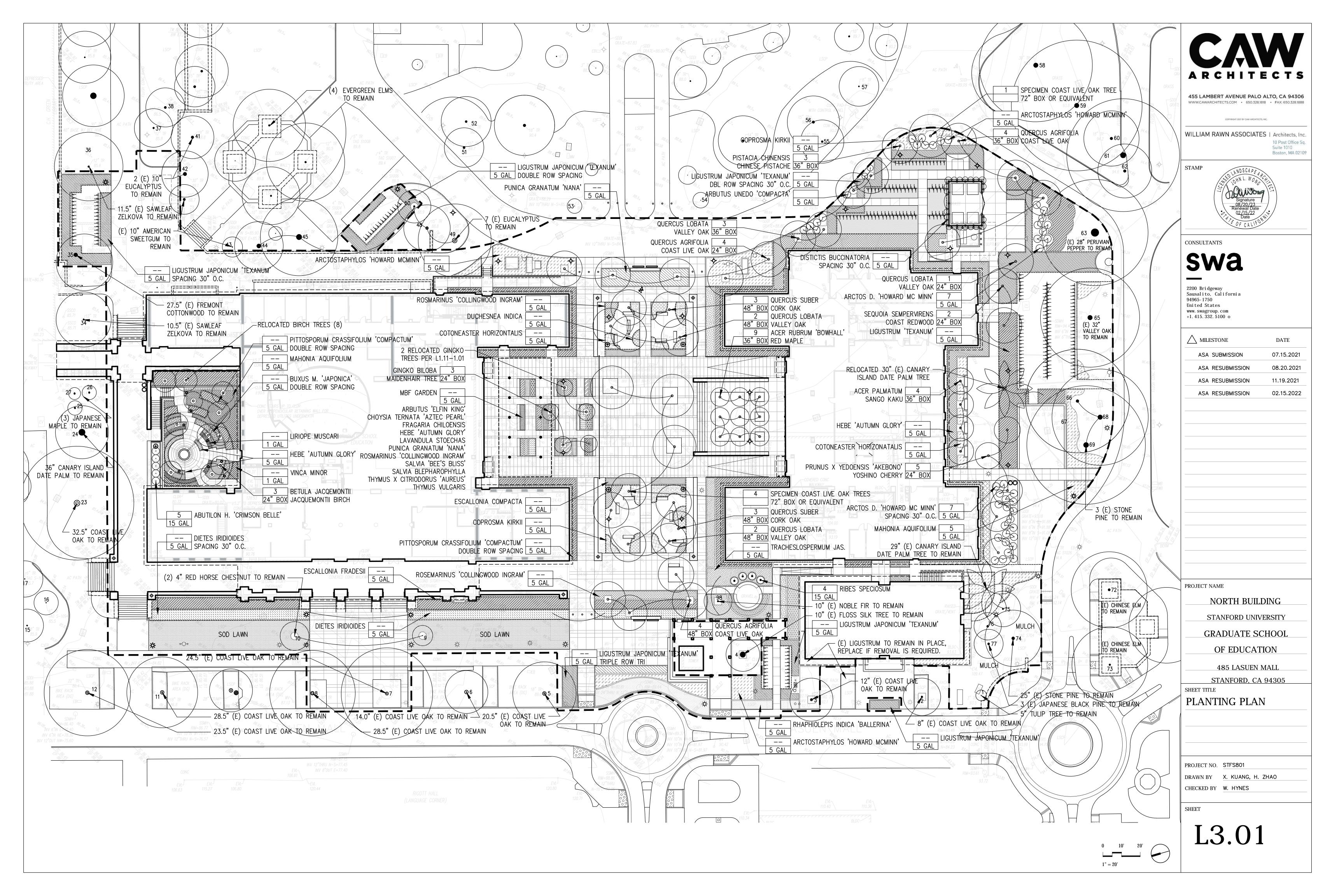
PROJECT NO. STFS801

DRAWN BY X. KUANG, H. ZHAO
CHECKED BY W. HYNES

SHEET

(SUPPLIER: DELTA BLUEGRASS)

L3.00



IRRIGATION NOTES

- THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF U. IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.
- THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
- 5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE 22. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.
- 6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO 24. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.
- PROVIDE EACH CONTROLLER WITH ITS OWN GROUND ROD. SEPARATE THE GROUND RODS BY A MINIMUM OF EIGHT FEET. THE GROUND ROD SHALL BE AN EIGHT FOOT LONG BY 5/8" DIAMETER U.L. APPROVED COPPER CLAD ROD. INSTALL NO MORE THAN 6" OF THE GROUND ROD ABOVE FINISH GRADE. CONNECT #6 GAUGE WIRE WITH A U.L. APPROVED GROUND ROD CLAMP TO ROD AND BACK TO GROUND SCREW AT BASE OF CONTROLLER WITH APPROPRIATE CONNECTOR. MAKE THIS WIRE AS SHORT AS POSSIBLE, AVOIDING KINKS OR BENDING.
- SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER. THE MAINTENANCE CONTRACTOR. THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.
- 9. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS.
- 10. PROVIDE EACH IRRIGATION CONTROLLER WITH ITS OWN INDEPENDENT LOW VOLTAGE COMMON GROUND WIRE.
- 11. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH A WHITE CONTROL VALVES: SIZE #14-1 WIRE WITH INSULATING JACKET OF COLOR OTHER THAN WHITE. TRACING WIRE SHALL HAVE A YELLOW INSULATING JACKET. SPLICES SHALL BE MADE WITH 3M-DBY SEAL PACKS OR APPROVED EQUAL.
- 12. INSTALL TWO SPARE CONTROL WIRES OF A DIFFERENT COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36"

- EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
- MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC 13. SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND A 36" RUN. TAPE WIRES TOGETHER EVERY TEN FEET. DO NOT TAPE WIRES TOGETHER WHERE CONTAINED WITHIN SLEEVING OR CONDUIT.
 - 14. INSTALL GREEN (LAWN), BLACK (SHRUB/GC/MULCD) PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
 - 15. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT 35. CONTRACTOR SHALL BE RESPONSIBLE FOR MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.
 - 16. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).
 - 17. THE REMOTE CONTROL VALVES SPECIFIED ON THE DRAWINGS IS A PRESSURE REDUCING TYPE. SET THE DISCHARGE PRESSURE AS FOLLOWS:
 - A. SPRAY HEADS=40 PSI ROTARY HEADS=60 PSI
 - DRIP EMITTERS=35 PSI BUBBLERS= 30 PSI
 - 18. INSTALL A GATE VALVE TO ISOLATE EACH REMOTE CONTROL VALVE OR GROUP OF RCV'S LOCATED TOGETHER. GATE VALVE SIZE SHALL BE SAME AS THE LARGEST REMOTE CONTROL VALVE IN MANIFOLD.
 - 19. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
 - 20. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
 - 21. LOCATE EMITTER OUTLETS ON UPHILL SIDE OF PLANT

 - 23. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.
 - EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
 - 25. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.
 - 26. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
 - 27. IRRIGATION DEMAND: REFER TO PLANS.
 - 28. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.
 - 29. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
 - 30. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR
- INSULATING JACKET. CONTROL WIRE SERVICING REMOTE 31. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.
 - 32. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS,

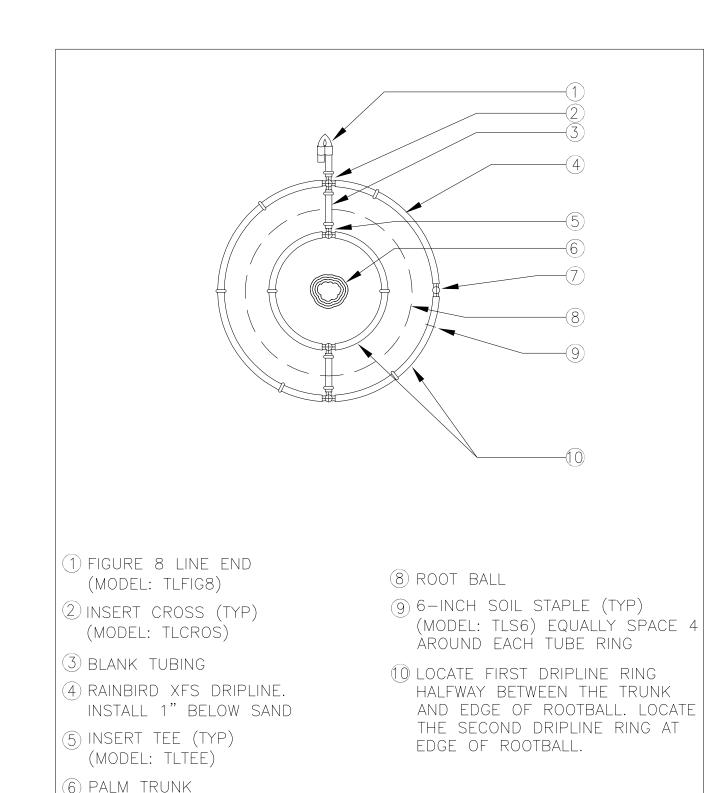
TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.

- LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE 33. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
 - 34. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
 - SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.

NOTE: INSTALL IRRIGATION SYSTEM PER STANFORD UNIVERSITY FACILITIES DESIGN GUIDELINES AND SPECIFICATIONS;

HTTP://MAPS.STANFORD.EDU/FDG_AVAILABLE 1. TREE AND SHRUB PROTECTION (#01532) 2. TRENCHING, BACKFILLING & COMPACTING (#02321)

3. LANDSCAPE IRRIGATION (#02810)



(7) ADAPTER TEE FROM PVC TO DRIPLINE

SCALE: NONE

DRIP RINGS AROUND PALM

IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	PSI	OPERATING RADIUS (FEET
\ominus \oplus	1806-SAM-PRS/ HE-VAN-15	RAIN BIRD POP-UP SPRAY SPRINKLER (TURF)	1.8,0.9	30	12-15
•	1404 SERIES	RAIN BIRD BUBBLER, 2 MIN PER TREE	1.0	30	TRICKLE
⟨X ⟩	1401 SERIES	RAIN BIRD BUBBLER, 1 PER SHRUB	0.25	30	TRICKLE
3	XFD-06-12	ON GRADE XFD WITH 12" O.C. EMITTER DRIP RING FOR TREES (3 RINGS PER TREE) SEE DETAIL	0.10	30	TRICKLE
•>	65ARIA075	NETAFIM DRIPLINE AIR/V			DALL \/AL\/E
+	EBV-0500-T 1806-SAM/MPR-5Q	NDS DRIPLINE FLUSH VA	,		
•	PESB SERIES	CLOSED 5' NOZZLE TO RAIN BIRD REMOTE CONT			
5	100-PEB-PRS-D/ RBY100MPTX	RAIN BIRD REMOTE CONTREGULATOR (SET TO 45			
•	44RC	RAIN BIRD QUICK COUPL	•	, I FILIER (U.ZU-10 GPM)
M	LGT-XX-SS	LEEMCO STAINLESS STEE		ve (line size	E)-2.5" AND
(MV)	3300-2"	SUPERIOR MASTER VALVE	E - 2" (NO	RMALLY OPEN	1)
(FS) ⊕	FS-150B 3300-1"	RAIN BIRD FLOW SENSOF SUPERIOR MASTER VALVE		RMALLY OPEN	1)
	FS-100B	RAIN BIRD FLOW SENSOR	·	OI LIV	/
	- - 2"	AMIAD 2" TAF-750 LAKE			
	500HLR-2" 825YA-1"	WILKENS WYE PRESSURE FEBCO REDUCED PRESSU			(
(A)	MAXI-PEDS-1-P5-NA -LK450-EL24-ANT07 -FM-SPP-NL-RBSC -SATVRF-LINKSURVEY	RAIN BIRD ESP—SAT SER CONTROL UNIT (CCU) IN RADIO COMMUNICATION. PEDESTAL MOUNTED ENCUBERORE CONTROLLER IS SURVEY VISIT TO ENSUR	TERFACE AN ALL IN A SII CLOSURE. CC ORDERED T	D FLOW MON NGLE STAINLE ONTACT RAIN O COORDINAT	ITORING WITH ISS STEEL BIRD SERVICES IE A LINK
B	MAXI-WMS-1-P5-NA -LK450-EL24-ANT07 -FM-SPP-NL-RBSC -SATVRF-LINKSURVEY	RAIN BIRD ESP—SAT SER CONTROL UNIT (CCU) IN RADIO COMMUNICATION. MOUNTED ENCLOSURE. CONTROLLER IS ORDERE TO ENSURE PROPER OR	TERFACE AN ALL IN A SII CONTACT RAI D TO COORI	D FLOW MON NGLE STAINLE N BIRD SERV DINATE A LINA	ITORING WITH SS STEEL WAL ICES BEFORE
•	'	- CONTROLLER AND STATION	NUMBER		
		- FLOW (GPM) - REMOTE CONTROL VALVE - ASSOCIATED REMOTE CON	`	HES)	
	_	- CONTROLLER AND STATION	NUMBER		
• •		- AREA (SQ. FT.) - FLOW (GPM)			
	_	- REMOTE CONTROL VALVE	`	HES)	
			ALLER: DULE 40 PV 40 PVC SOL	/C PLASTIC P LVENT WELD I	
			DULE 40 PV 40 PVC SOL	/C PLASTIC P LVENT WELD F	
==		AS INDICATED A	ED IN SPECI ABOVE FOR	STIC PIPE. C FICATIONS OR PIPE DEPTH	R AS
			DULE 40 PV 40 PVC SOL	/C PLASTIC P LVENT WELD F	
PVC LATERA PVC SUPPL HEADE	PVC EXHAUST	INSTALLED 4 ACCORDING FOLLOWS: 1 EXHAUST HE 1" SCH 40 SOLVENT WE THE ENDS ((FS SERIES NGS, PART # " BELOW GF TO DETAILS. ": 0-10 GPN ADERS SHAL FLEXIBLE PV LD FITTINGS.) F ALL DRIP . SEE DETAI	#XFS-06-12. RADE IN A 12 SIZE EXHAUS M, 1.25": 11- L BE 1" SCH C. USE SCH. EXTEND PVC	TUBING TO BE "O.C. GRID THEADERS AS -20 GPM. ALL 40 PVC OR 40 PVC HEADERS TO BALANCE FLOW
PVC LATERA	4L —	DRIPLINE REMOTE CONNECTION		-T/M/CCM - C-C-C-C	INIC TURNS
		- APPROXIMATE CONNECTION AND PVC SUPPLY WHEN NO PVC SUPPLY/EXHUS	DRIP ZONE	IS LESS THA	an 3 gpm ani

ALL COPIES OF IRRIGATION INVOICES FOR ANY RAIN BIRD PRODUCTS USED ON THIS PROJECT TO BE RETAINED AND SUBMITTED TO STANFORD GROUNDS SERVICES. CONTACT DAVID REED (650) 444-6530



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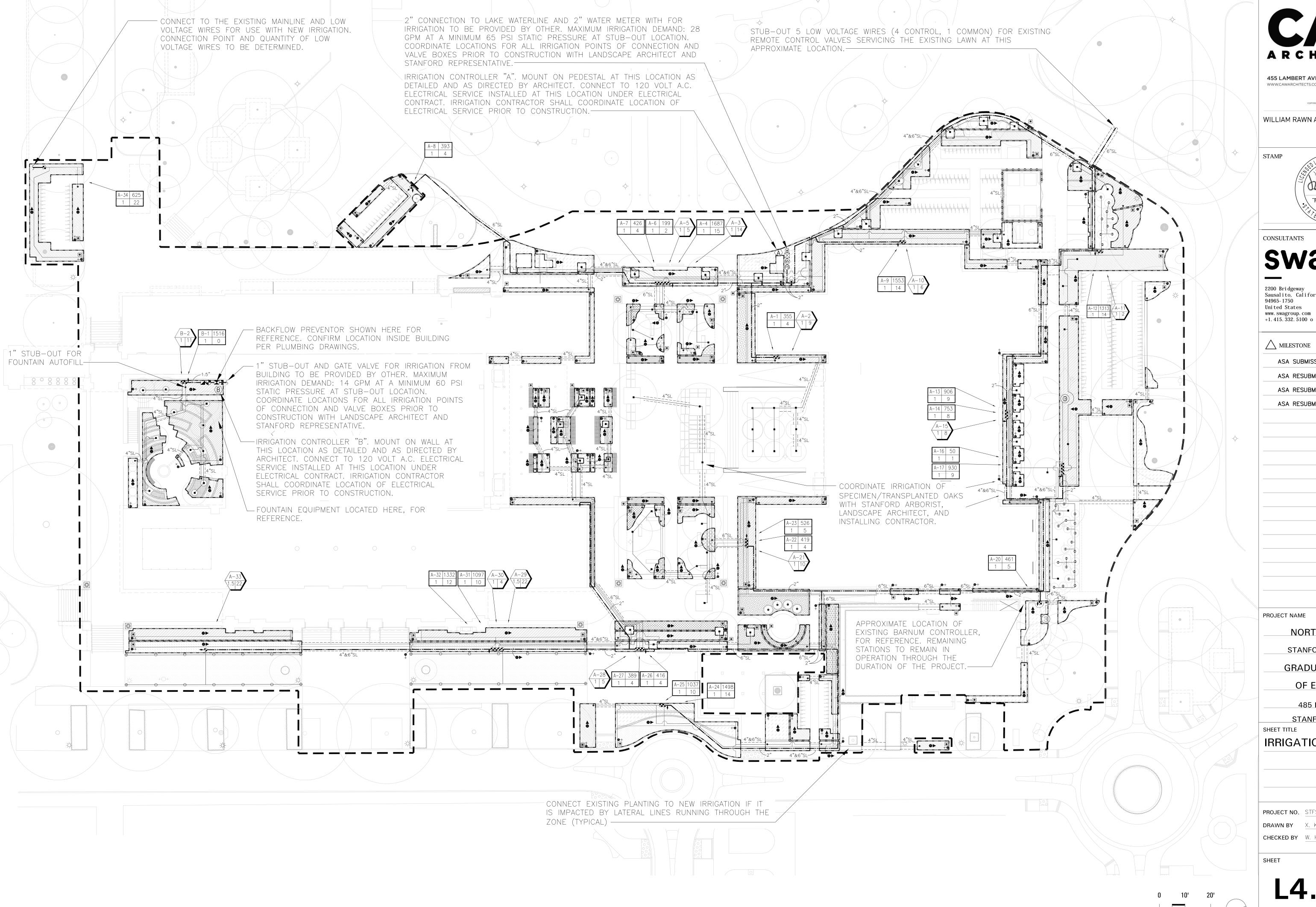
94965-1750 United States /\ MILESTONE DATE 07.15.2021 ASA SUBMISSION ASA RESUBMISSION 08.20.2021 ASA RESUBMISSION 11.19.2021 ASA RESUBMISSION 02.15.2022 PROJECT NAME NORTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 485 LASUEN MALL

STANFORD, CA 94305 SHEET TITLE

IRRIGATION NOTES AND LEGEND

PROJECT NO. STFS801 **DRAWN BY** X. KUANG, H. ZHAO

CHECKED BY W. HYNES





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NORTH BUILDING STANFORD UNIVERSITY

GRADUATE SCHOOL

OF EDUCATION

485 LASUEN MALL

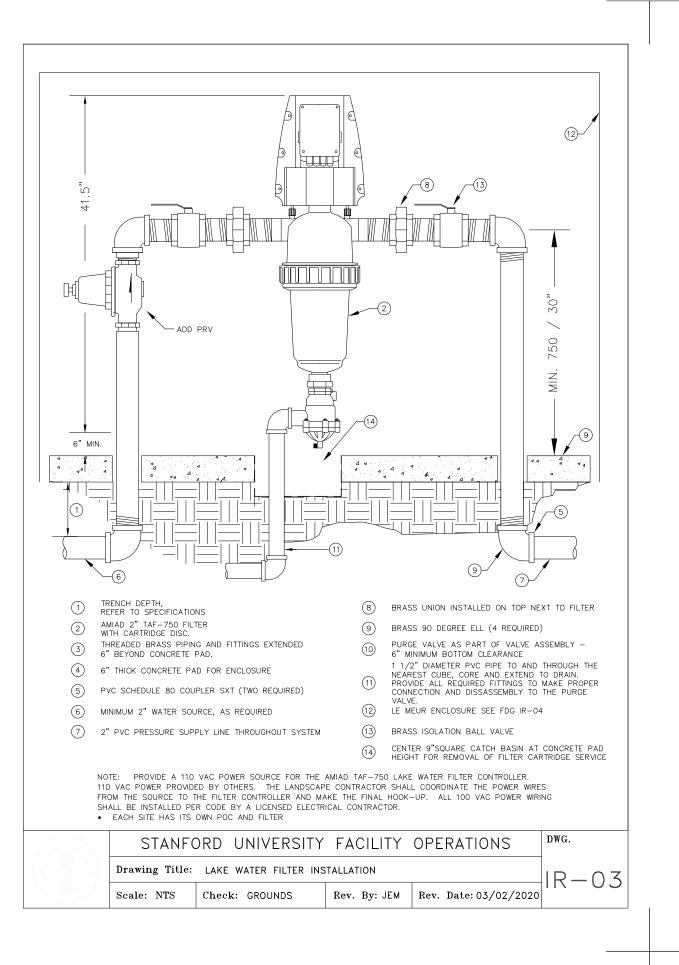
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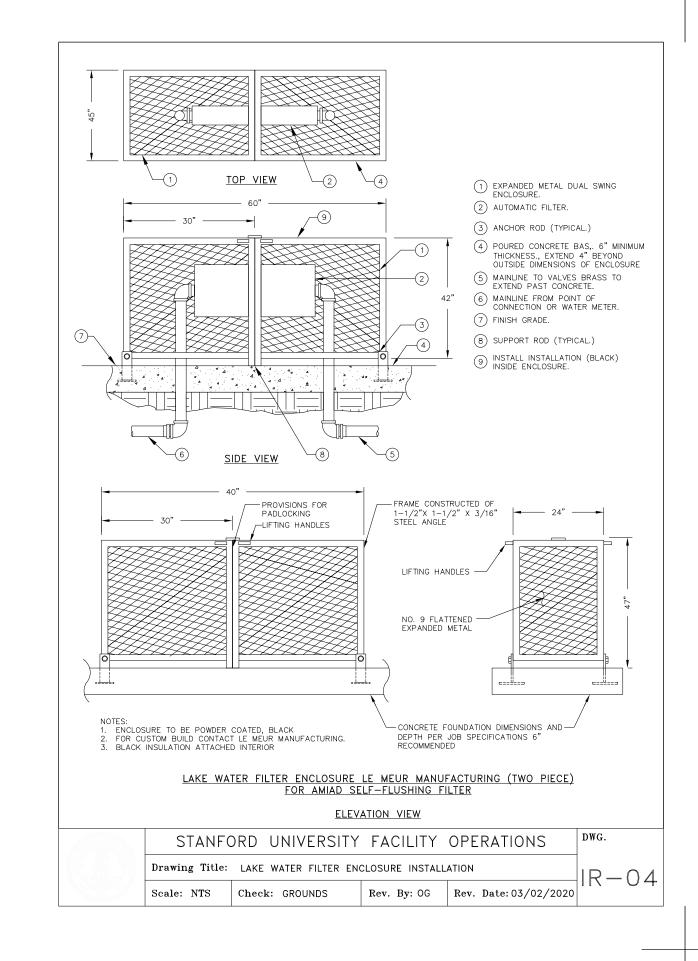
IRRIGATION PLAN

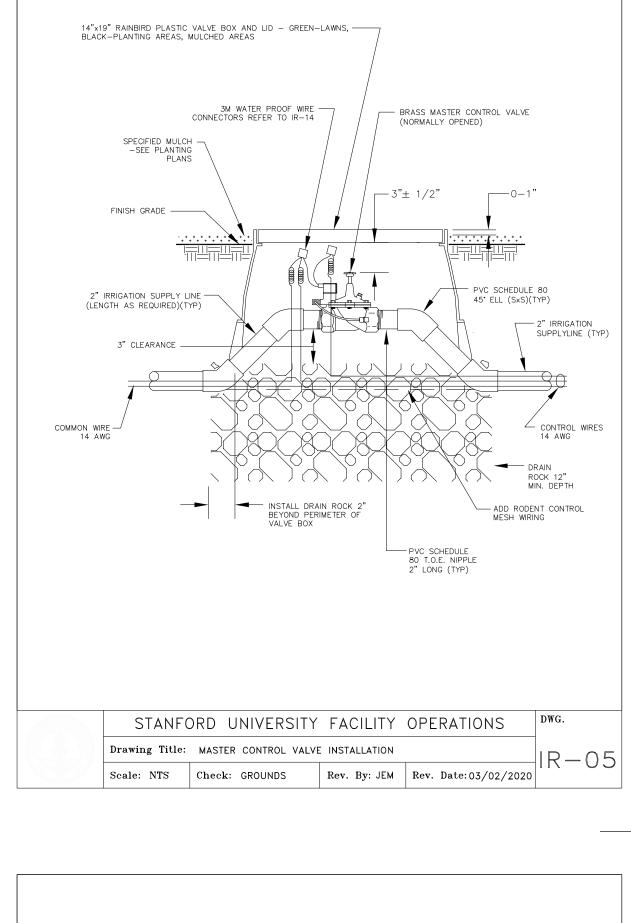
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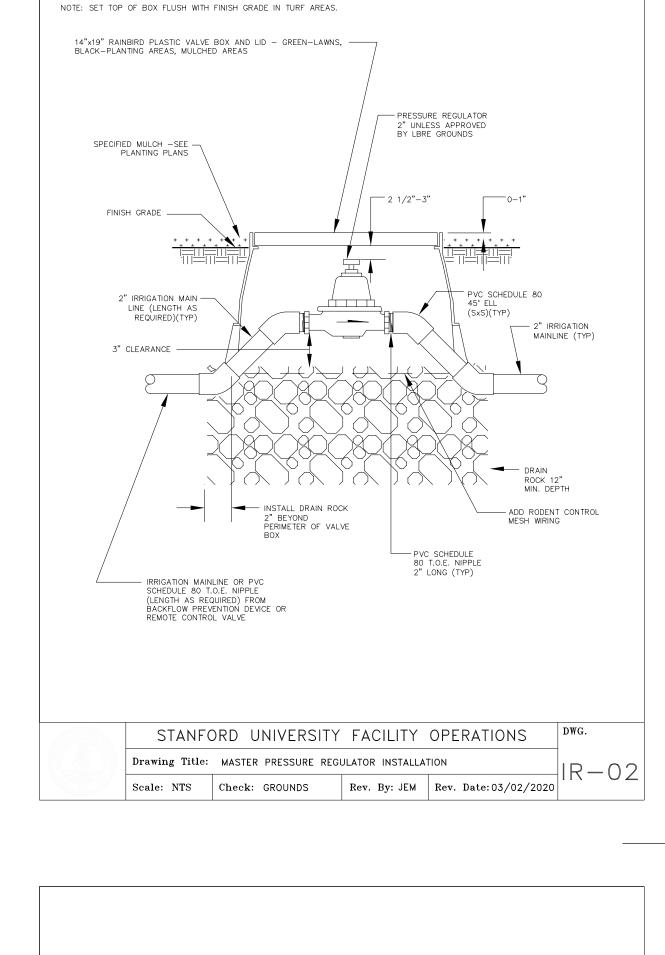
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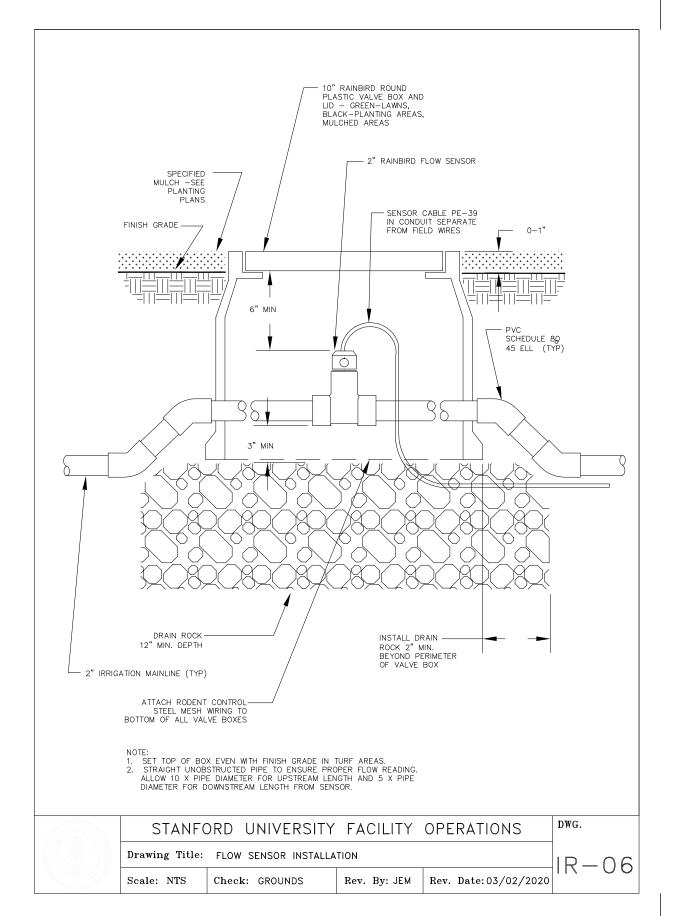


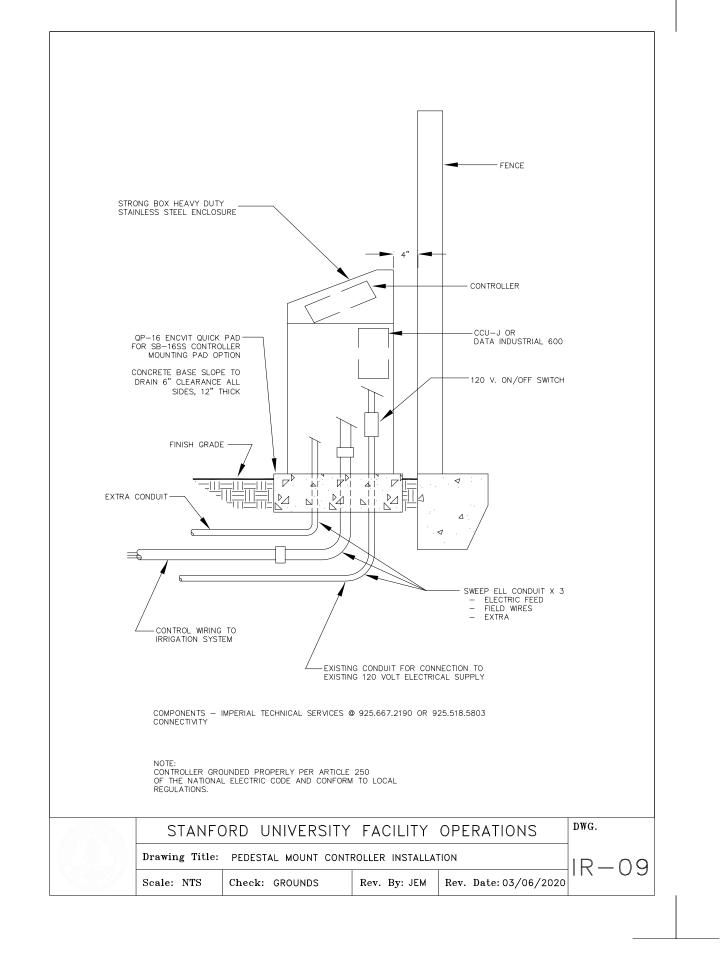


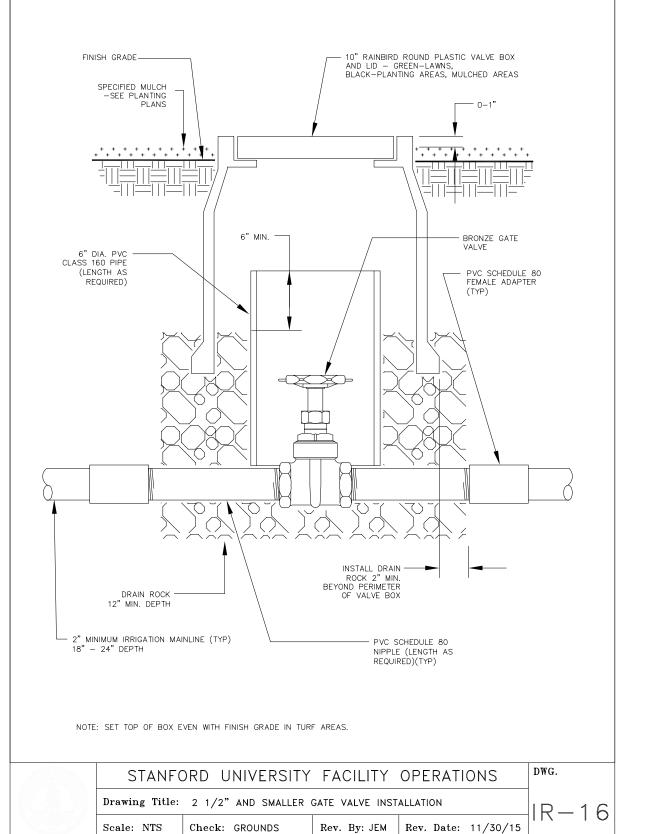


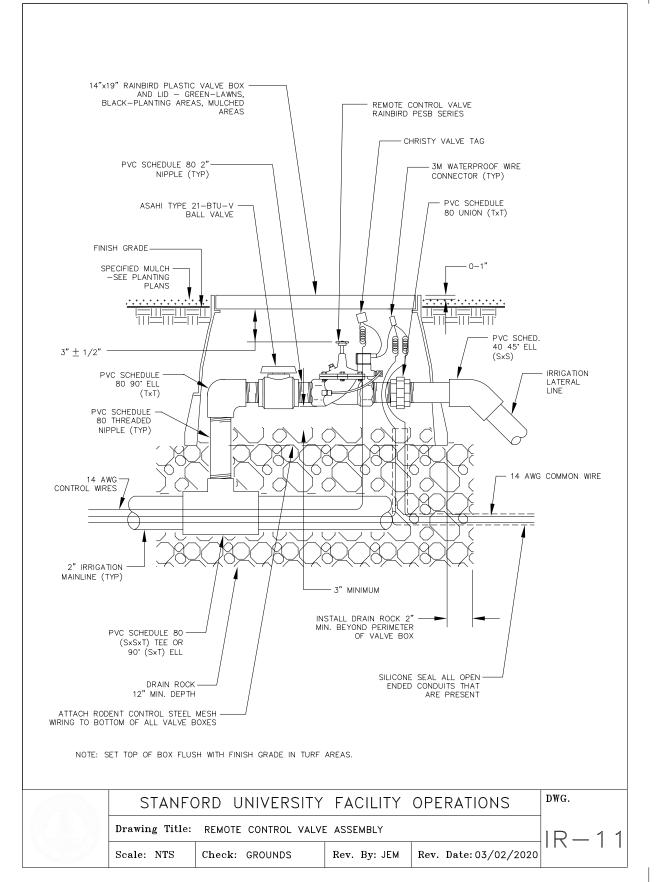
NOTE: SET TOP OF BOX FLUSH WITH FINISH GRADE IN TURF AREAS.











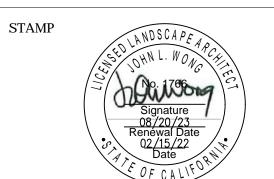
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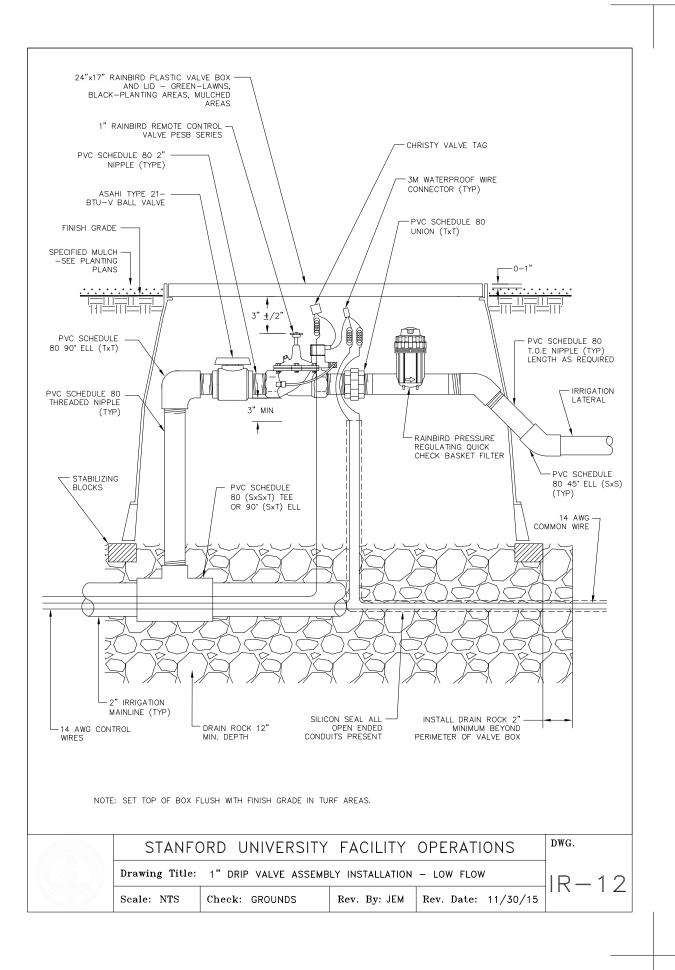
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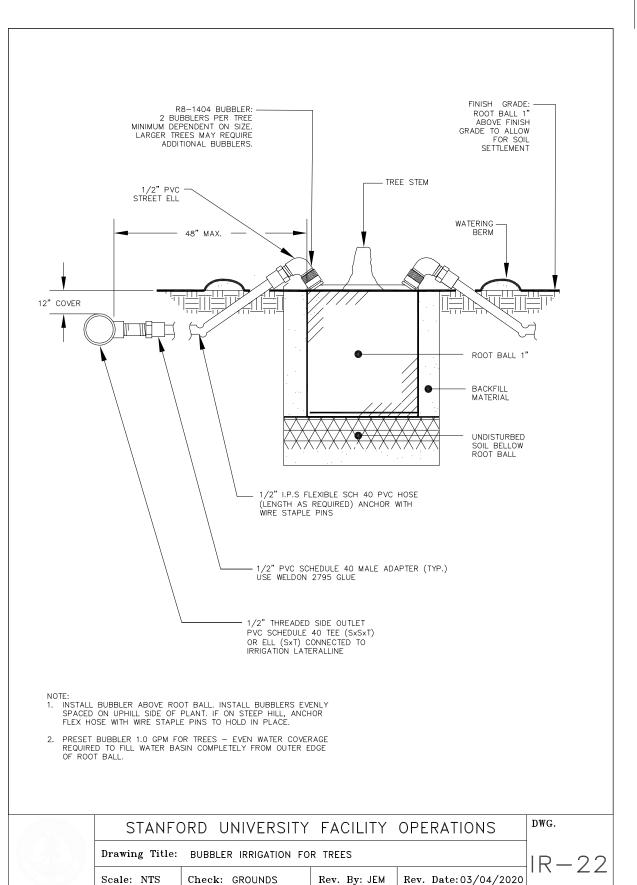
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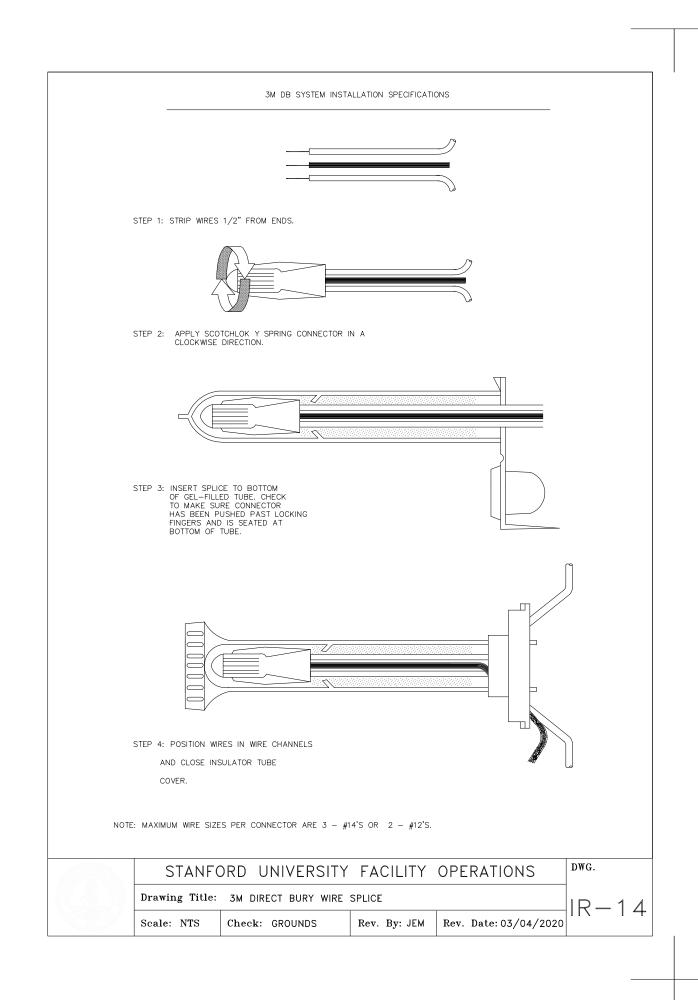
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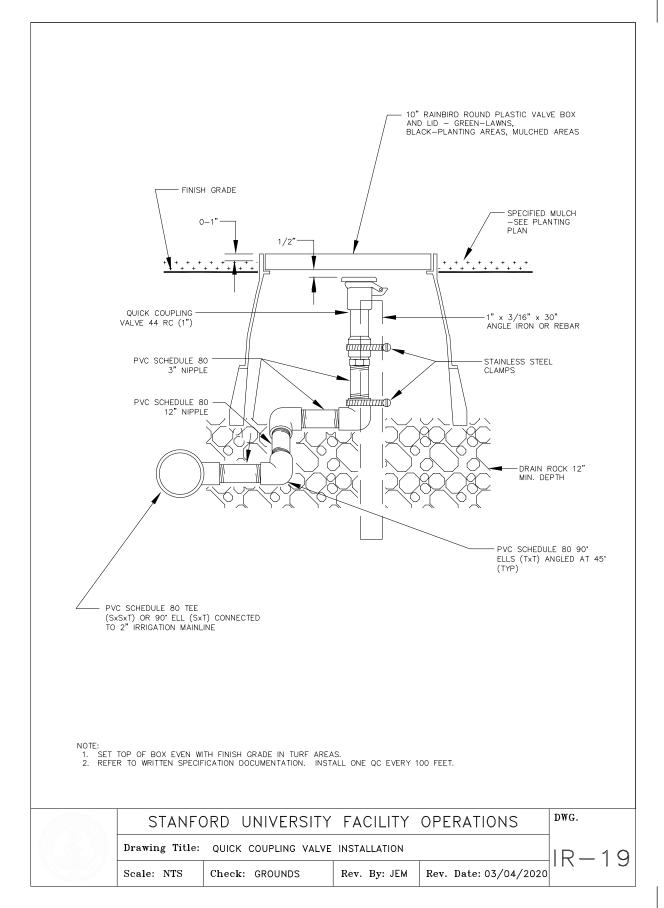
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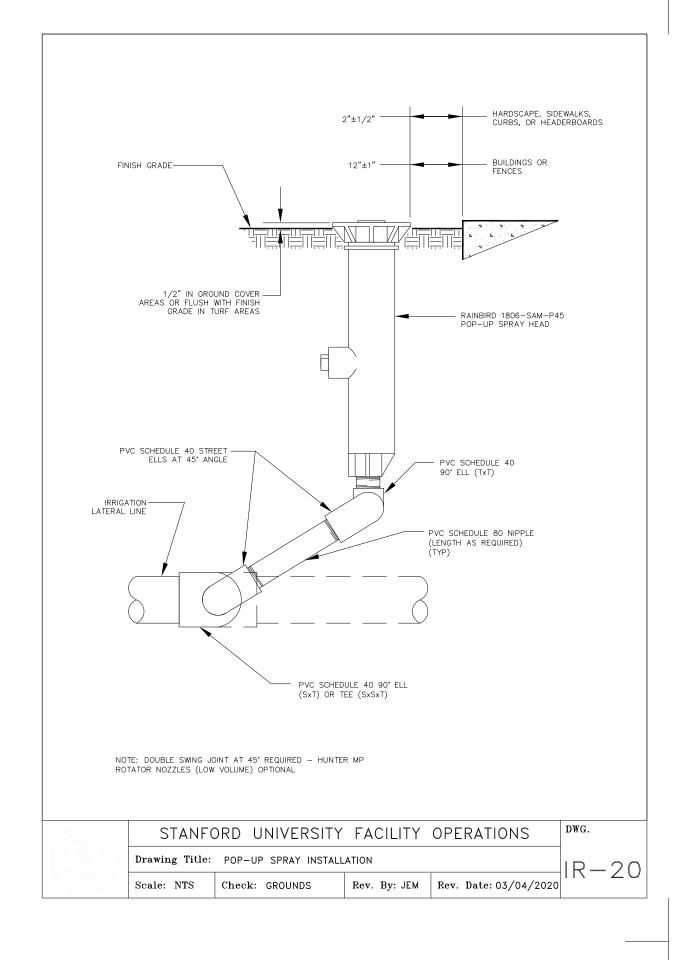
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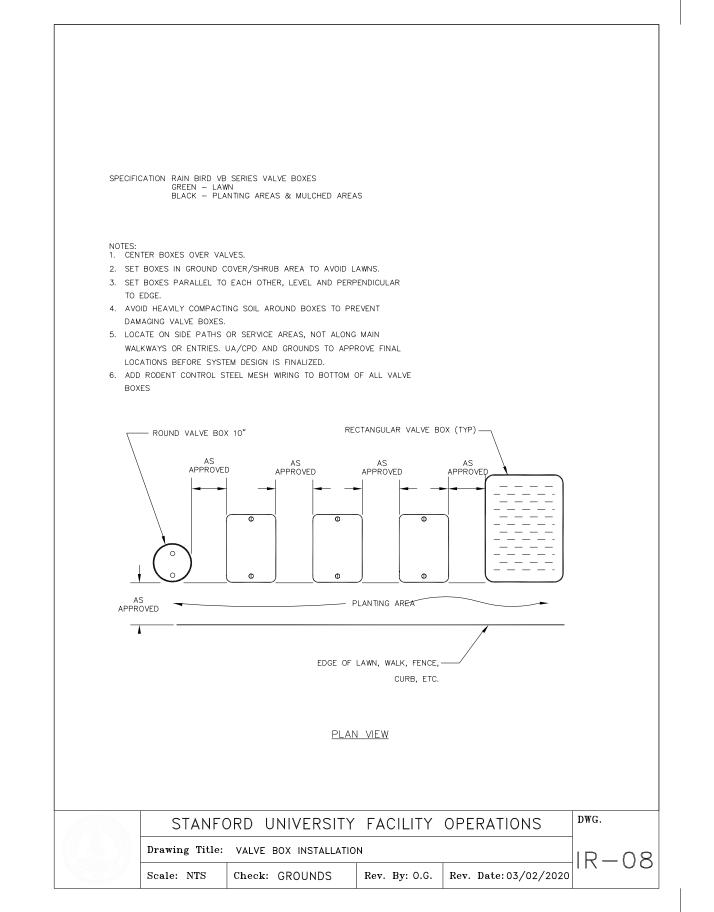


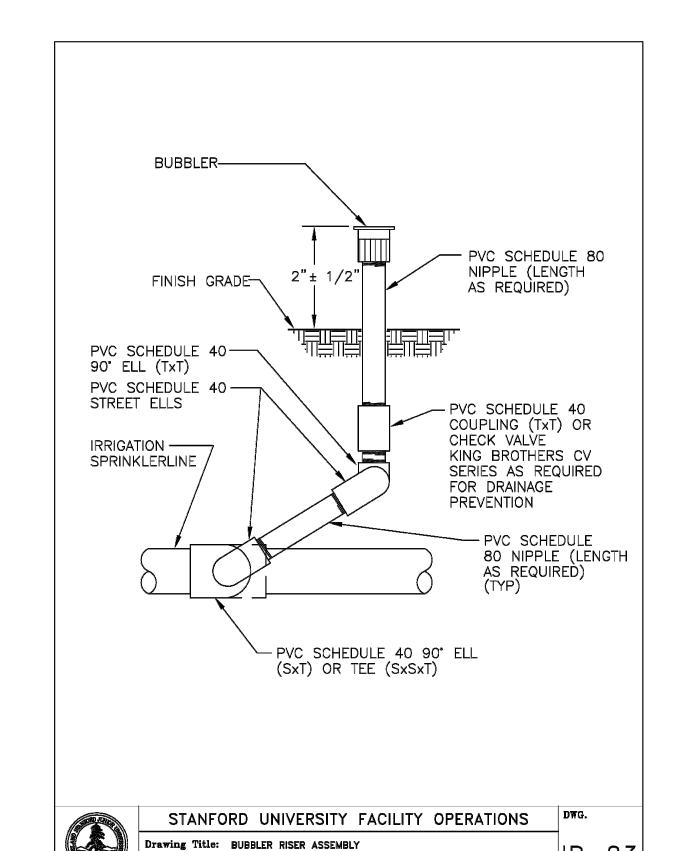






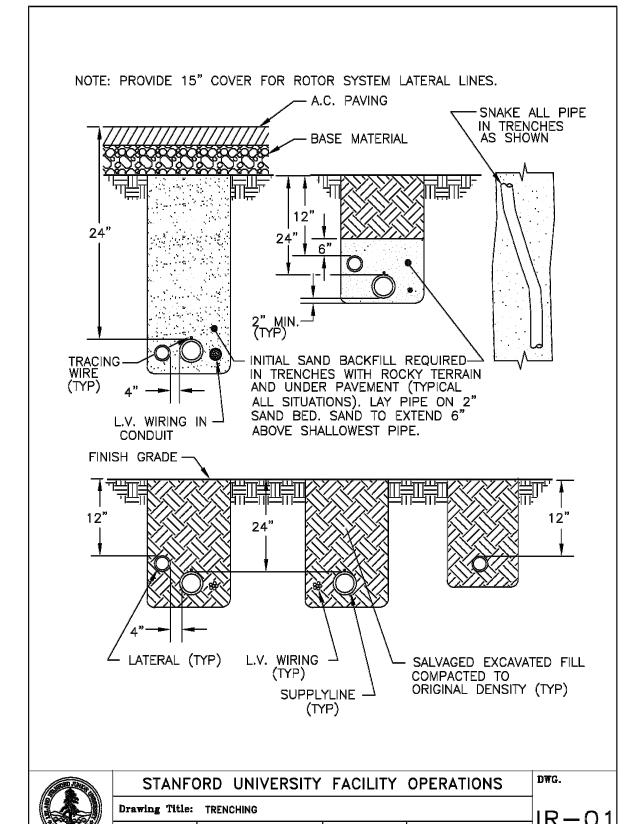






Rev. By: I.S.C. | Rev. Date: 06/20/95 |

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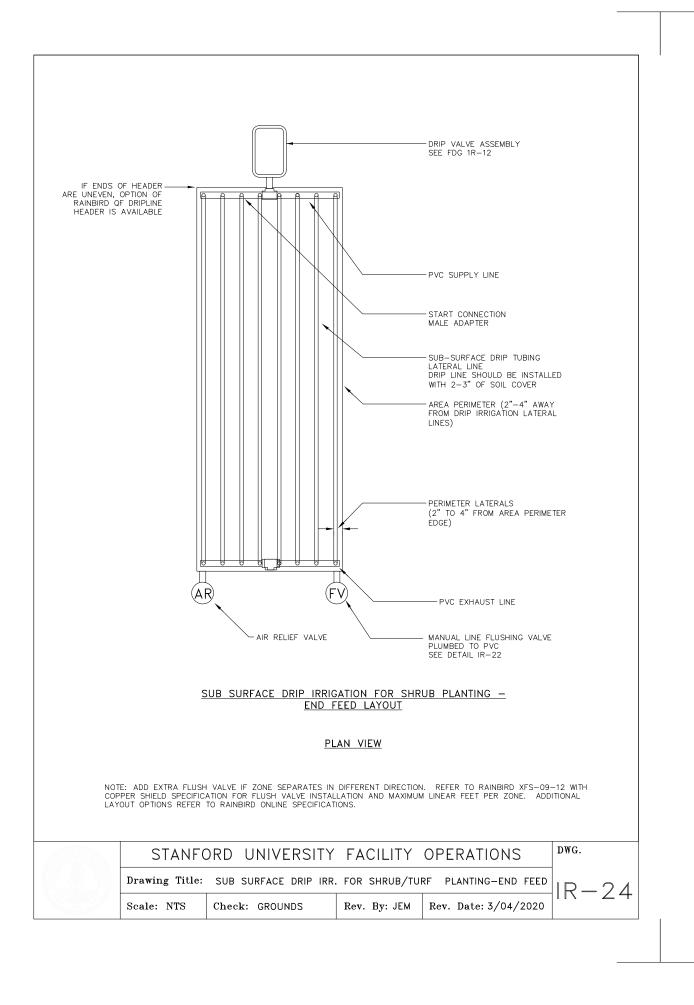
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SHEET

L4.03



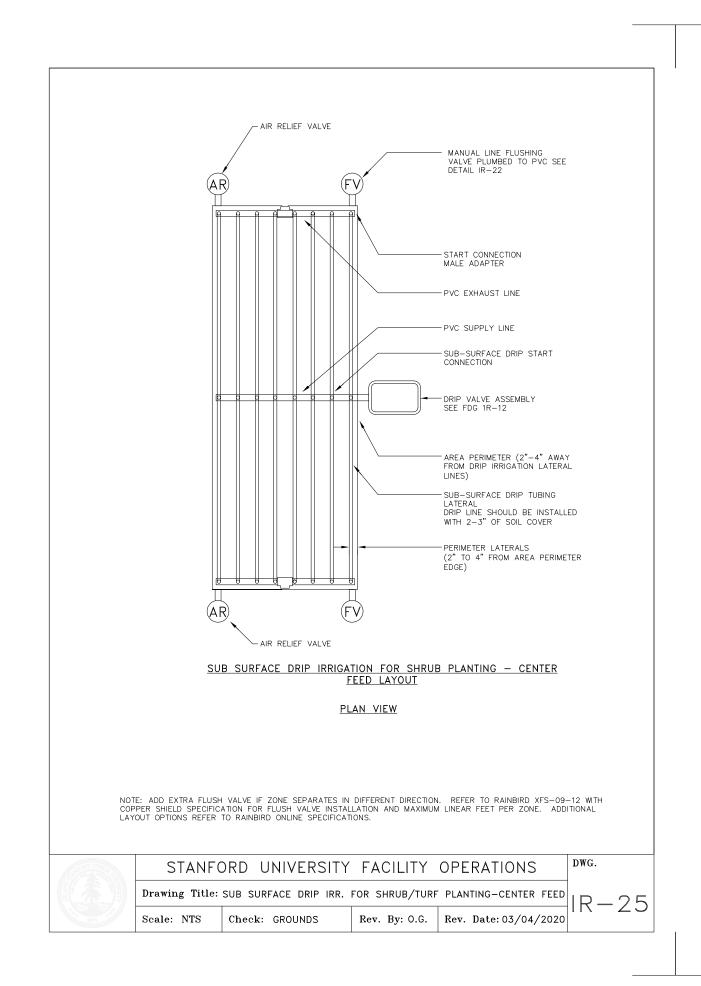
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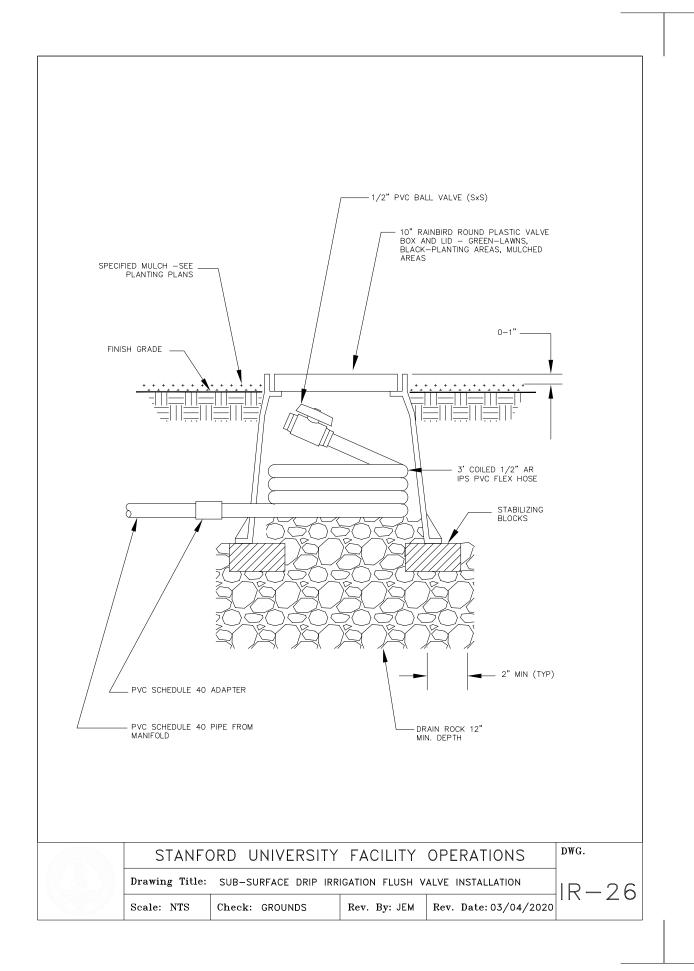
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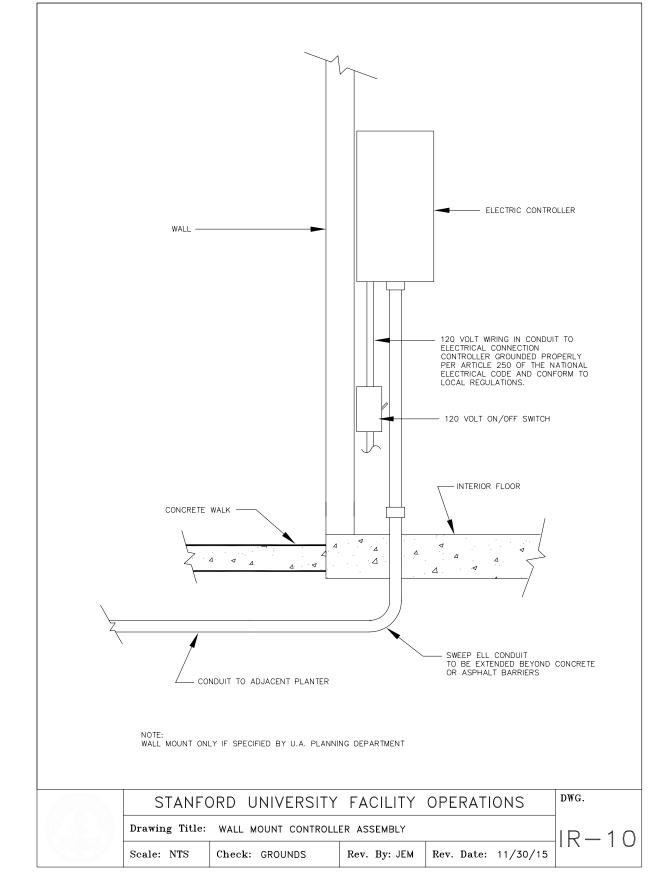
LAKE

43.4

WATER FEATURE







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L4.04

WATER USE ESTIMATION - STANFORD, GRADUTE SCHOOL OF EDUCATION

	2/18/2022											
REGULAR LANDSCAP	PE AREAS											
HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)		IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
1	SHRUBS/GROUNDCOVER	LOW	0.3	DRIP	0.81	0.370	7,720	2,859	76,937	0.24	102.86	33%
2	SHRUBS/GROUNDCOVER	MOD	0.5	DRIP	0.81	0.617	10,758	6,641	178,689	0.55	238.89	47%
3	SHRUBS	LOW	0.3	BUBBLER	0.81	0.370	740	274	7,375	0.02	9.86	3%
4	TURF	HIGH	0.7	SPRAY	0.75	0.933	2,664	2,486	66,904	0.21	89.44	12%
5	TREES	LOW	0.3	BUBBLER	0.81	0.370	625	231	6,229	0.02	8.33	3%
6	TREES	MOD	0.5	BUBBLER	0.81	0.617	350	216	5,813	0.02	7.77	2%
7	TREES	HIGH	0.7	BUBBLER	0.81	0.864	175	151	4,069	0.01	5.44	1%

					1	7/18					
					TOTALS	23,059	12,878	346,525	1.06	463.27	100%
SPECIAL LANDSCAPE	AREAS										
HYDROZONE #	HYDROZONE NAME										
ALL	ALL			1		23,059					100%
				TOTALS							100%
	GALLONS/Y	R	620,472								
MAWA	ACRE FEET/	1.90		MAWA FORMULA				ETW	J FORMULA		
	HCF/YR		829.51	MAXIMUN	A APPLIED WATER ALLOV GALLONS PER YEAR	다 하는 HEEL HEEL THE NEW HEEL HEEL HEEL HEEL HEEL HEEL HEEL HE		ESTIMATE	D TOTAL WA	TER USE (ETW YEAR	U) GALLONS PER
				MAWA =	(ETo)(0.62)[(LA x 0.45)	+ (0.55 x SLA)]			ETWU= ((ET	O)(.62)(ETAF	x LA))
	GALLONS/YR		346,525	ETo = REFERENCE EVAPOTRANSPIRATION				ETo = REFERENCE EVAPOTRANSPIRATION			
ETWU	ACRE FEET/	1.06	0.55= ET ADJUSTMENT FACTOR				PF = PLANT FACTOR FOR HYDROZONES				
	HCF/YR		463.27	LA=LANDSCAPED AREA (SQUARE FEET)				HA = HYDROZONE AREA (SQ.FT)			
				0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR))	0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)			
SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT						IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DR			BUBBLER/DRIP
80.3%	0.45	YES						IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPF			ROTORS/SPRA
	Calculations										
REGULAR LANDSCAPE AREAS											
TOTAL ETAF x AREA	12,878										
TOTAL AREA	23,059										
AVG. ETAF	55.85%										

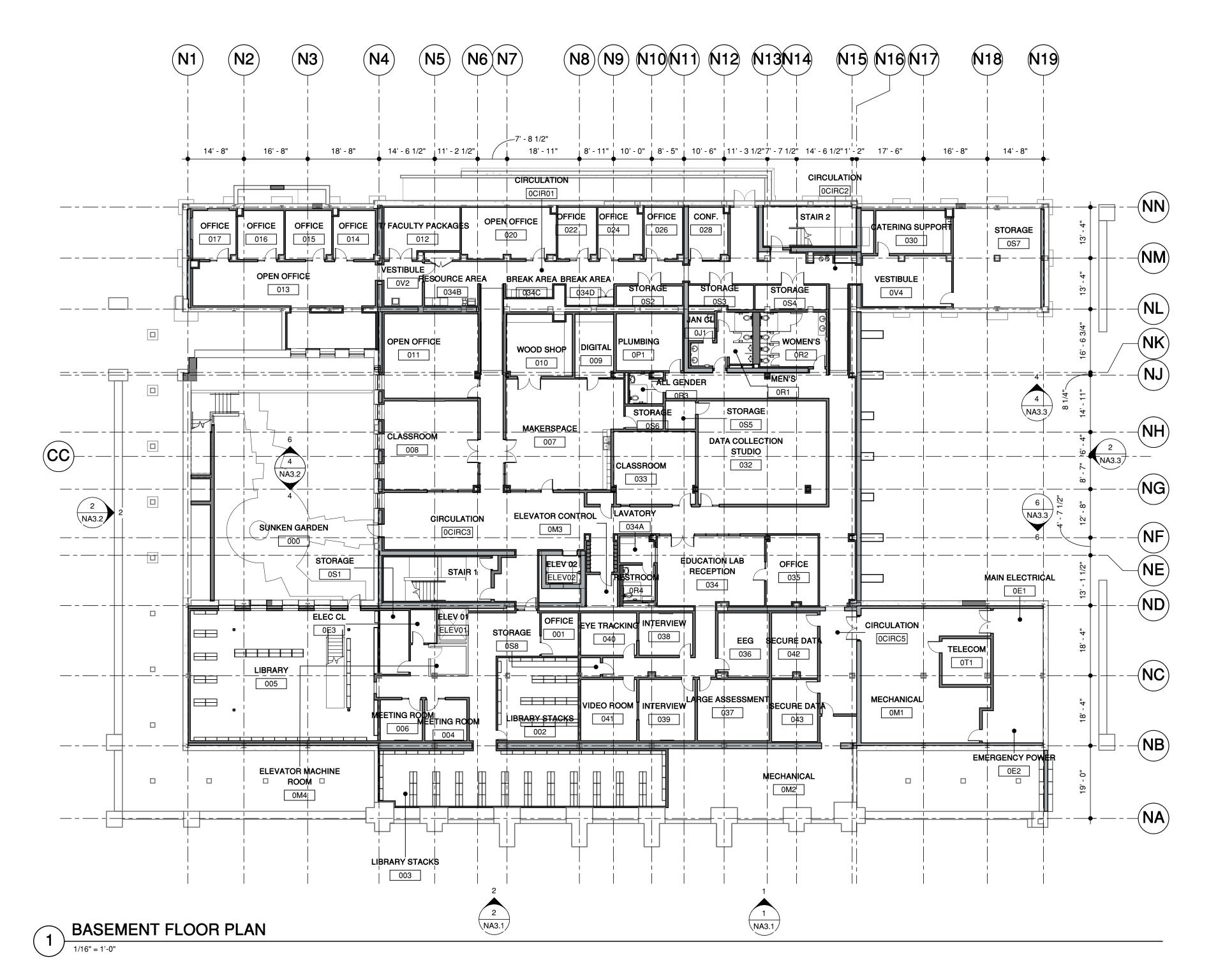
NOTE: IRRIGATION TO BE SERVED BY LAKE.

- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, TO RECEIVE NEW FURRING, U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED FIREPROOFING OR GYPSUM BOARD, TYPICAL.
- LOOSE FURNITURE SHOWN FOR REFERENCE ONLY, N.I.C.
- ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL



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NB BASEMENT FLOOR PLAN

PROJECT NO. 17013 DRAWN BY TK / AS

CHECKED BY MA

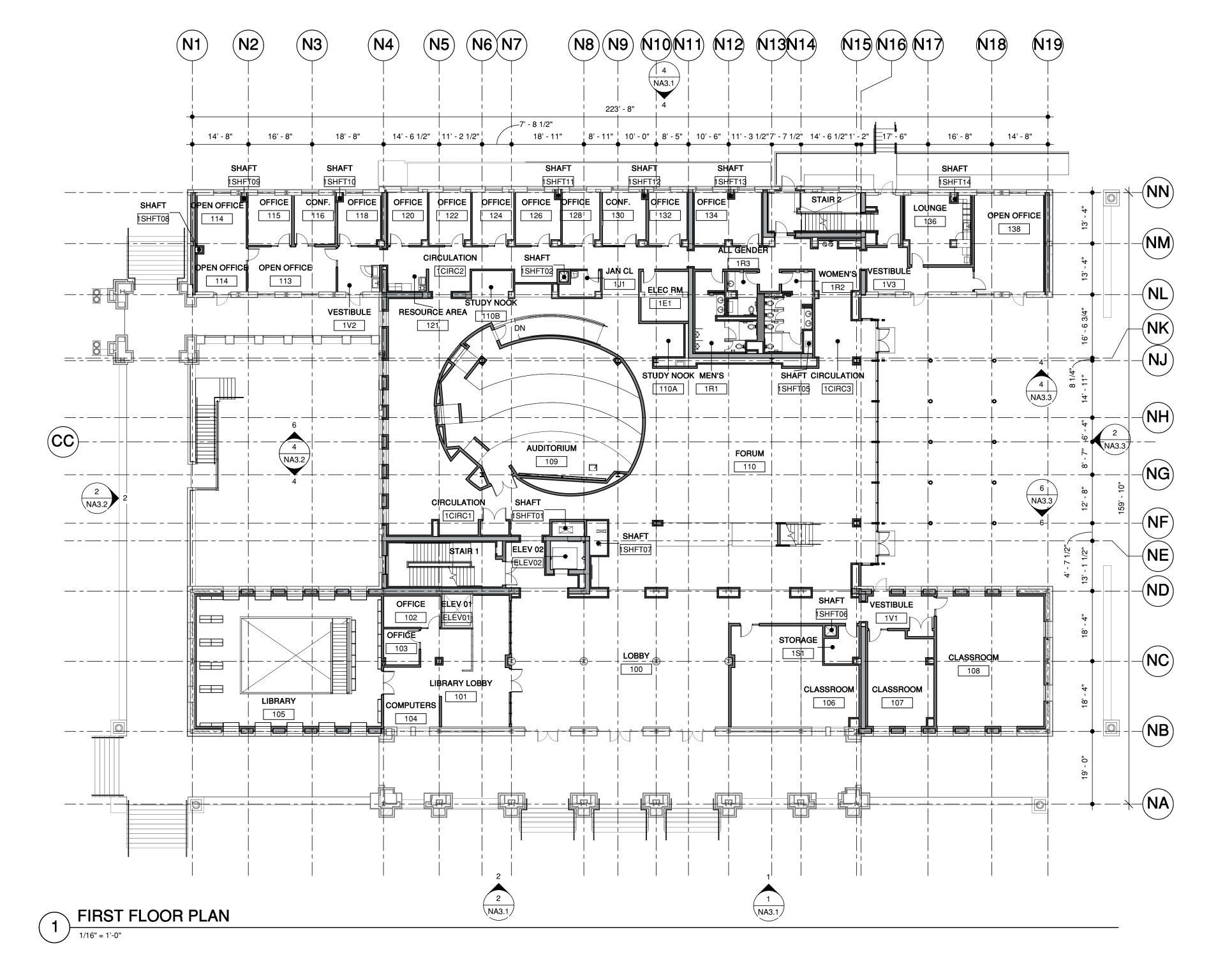


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FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL



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NB FIRST FLOOR PLAN

DRAWN BY TK / AS CHECKED BY MA

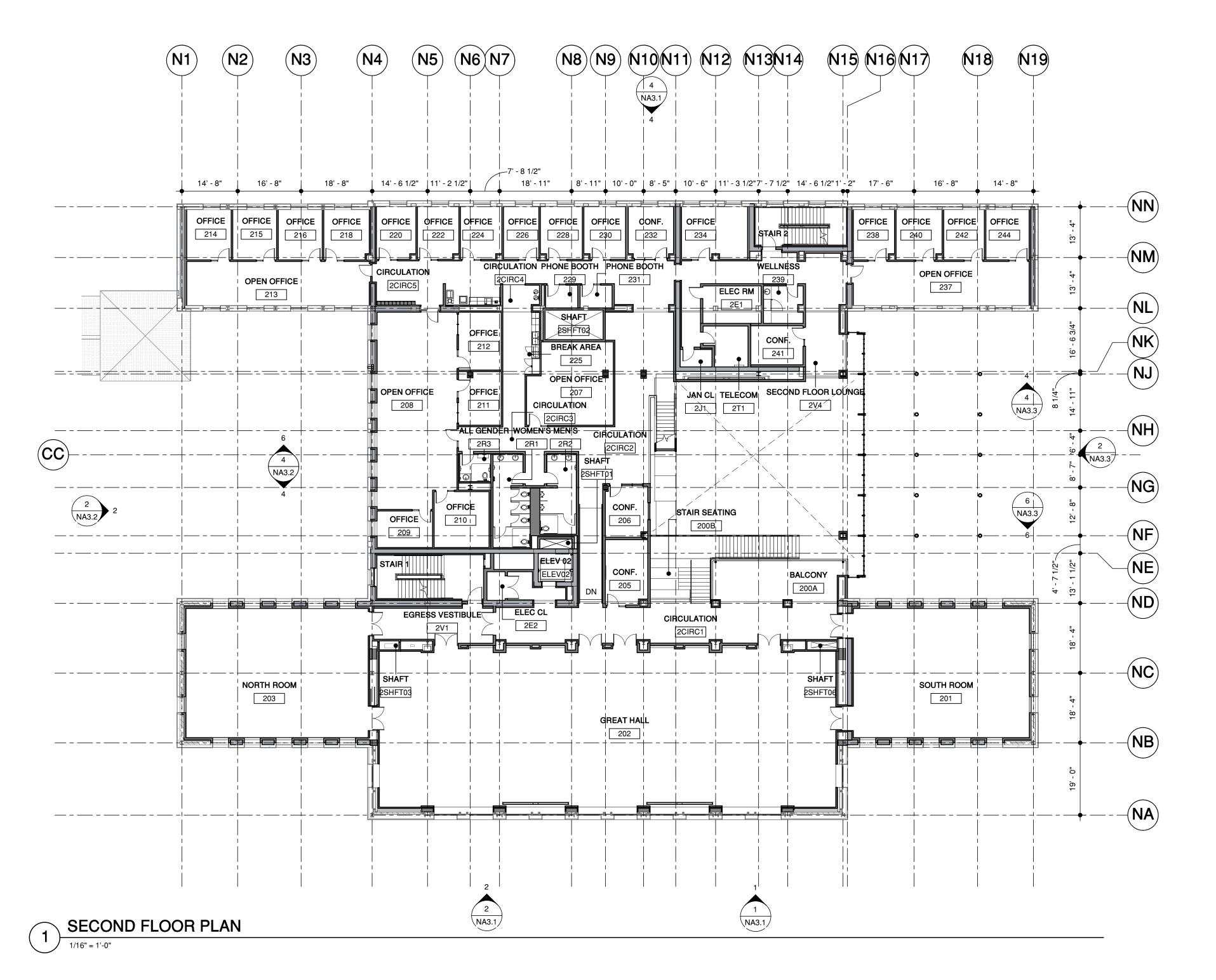


- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, TO RECEIVE NEW FURRING, U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED FIREPROOFING OR GYPSUM BOARD, TYPICAL.
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- CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL





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<u> </u>	DATE
ASA SUBMISSION	12/07/2020
ASA RESUBMISSION	08/20/2021
ASA RESUBMISSION	11/19/2021
ASA RESUBMISSION	02/15/2022

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB SECOND FLOOR PLAN

DRAWN BY TK / AS

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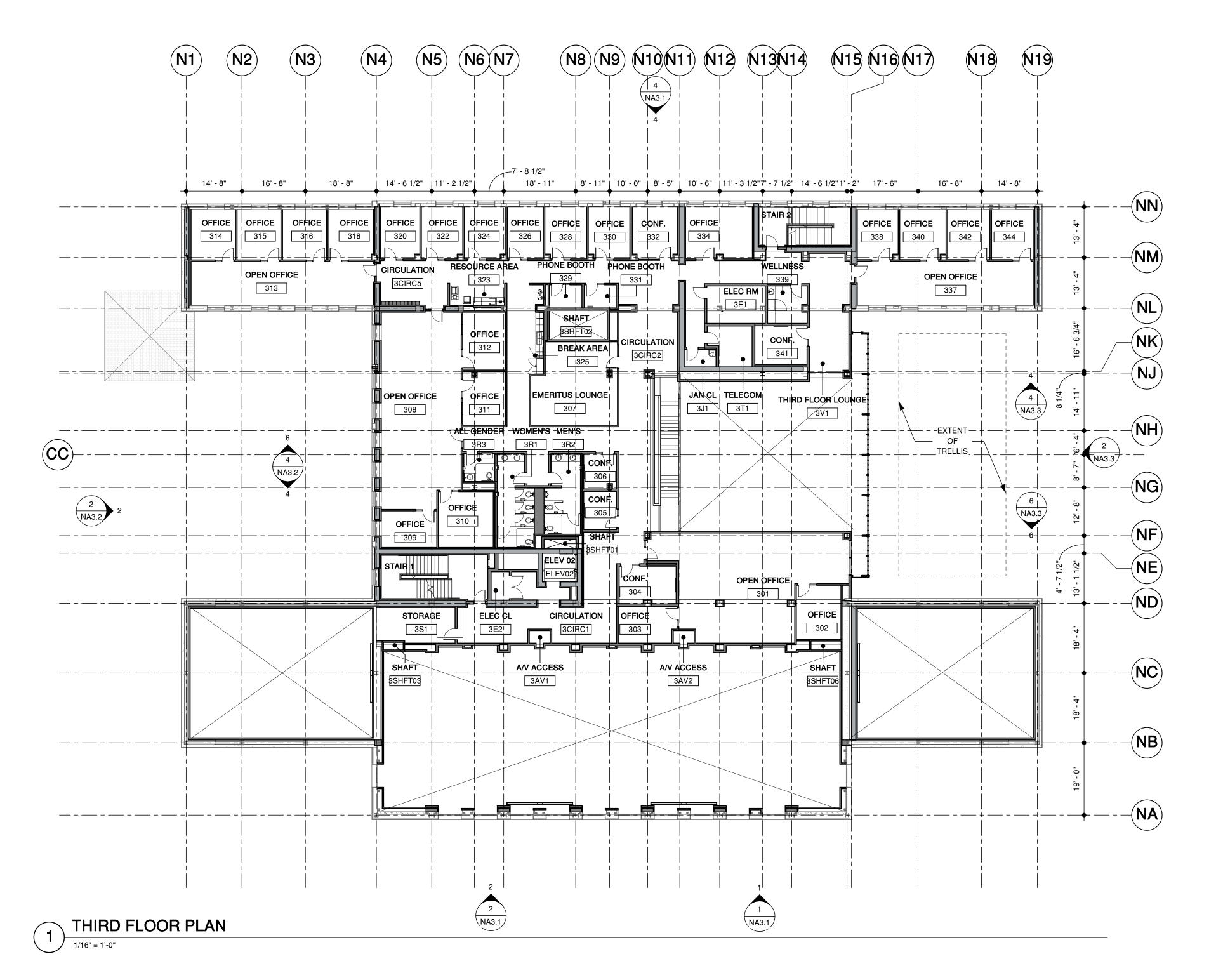


- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, TO RECEIVE NEW FURRING, U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED FIREPROOFING OR GYPSUM BOARD, TYPICAL.
- LOOSE FURNITURE SHOWN FOR REFERENCE ONLY, N.I.C.
- ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL



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PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB THIRD FLOOR PLAN

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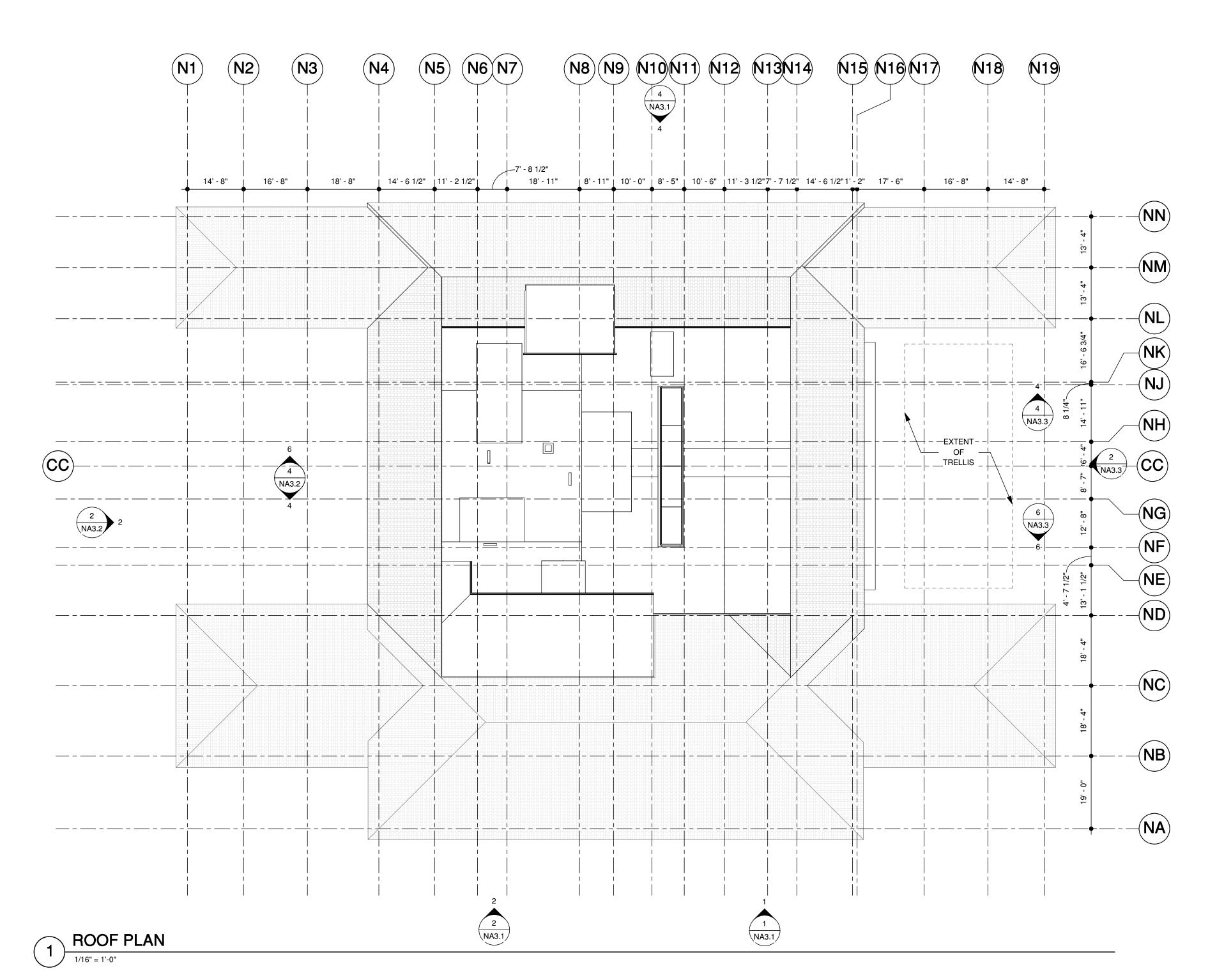


- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, TO RECEIVE NEW FURRING, U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED FIREPROOFING OR GYPSUM BOARD, TYPICAL.
- LOOSE FURNITURE SHOWN FOR REFERENCE ONLY, N.I.C. ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-
- CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL



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PROJECT NAME

NORTH BUILDING GRADUATE SCHOOL OF

485 LASUEN MALL

EDUCATION

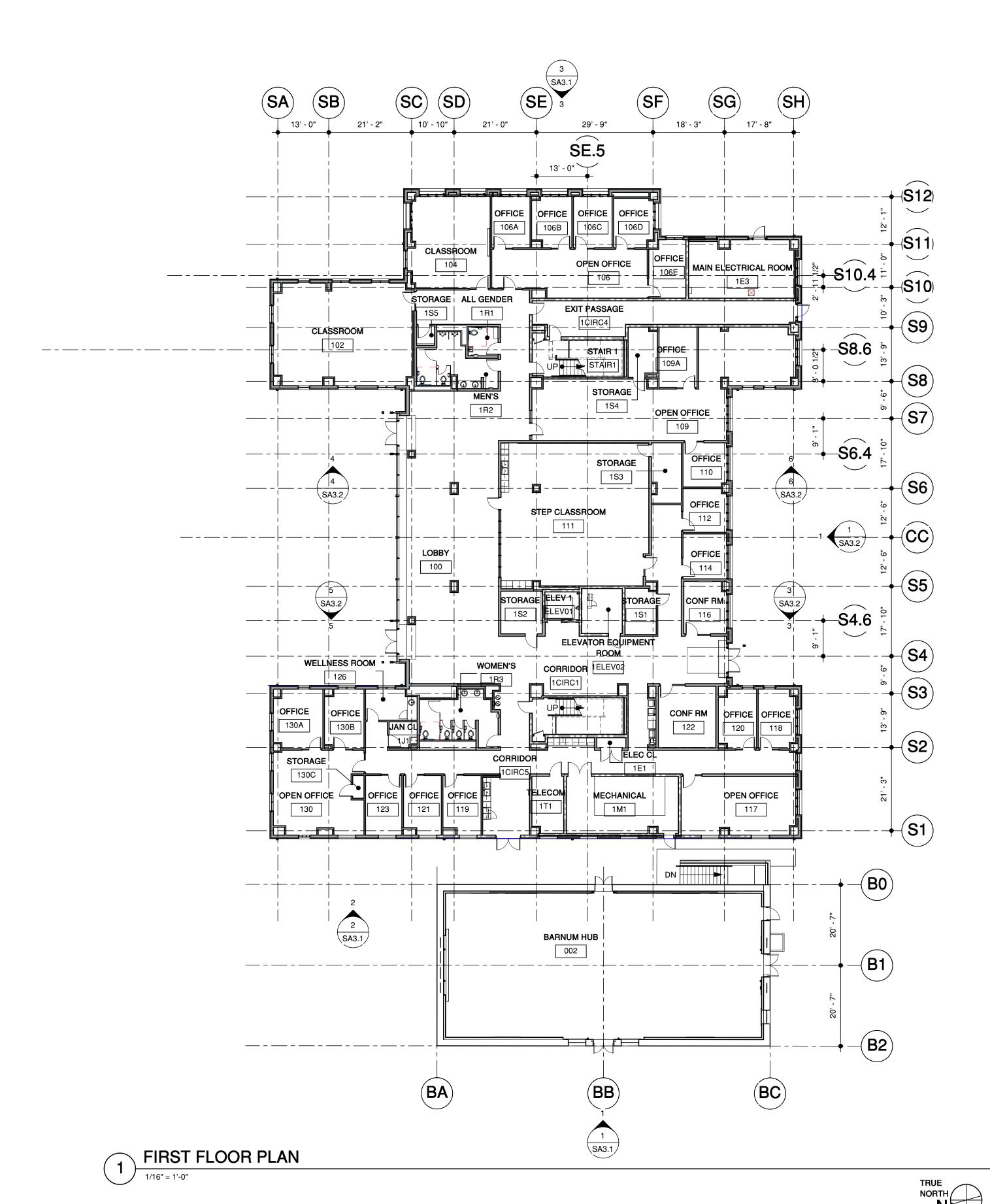
STANFORD, CA 94305

SHEET TITLE

NB ROOF PLAN

DRAWN BY TK / AS CHECKED BY MA





- 1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATOR AND DUCT SHAFTS SHALL BE PROTECTED WITH 2-HOUR FIRE RATED SPRAY-APPLIED OR GYPSUM BOARD FIREPROOFING.
- 3. ALL FIRST FLOOR EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS.

FLOOR PLAN LEGEND

NON-RATED WALL OR PARTITION

RATED WALL

CEMENT PLASTER WALL

(E) WALL

CANA

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ASA RESUBMISSION 02/15/2022

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB FIRST FLOOR PLAN

PROJECT NO. 17013

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SECOND FLOOR PLAN



GENERAL NOTES

- 1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATOR AND DUCT SHAFTS SHALL BE PROTECTED WITH 2-HOUR FIRE RATED SPRAY-APPLIED OR GYPSUM BOARD FIREPROOFING.
- 3. ALL FIRST FLOOR EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS.

FLOOR PLAN LEGEND

NON-RATED WALL OR PARTITION

RATED WALL

CEMENT PLASTER WALL

(E) WALL

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PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB SECOND FLOOR PLAN

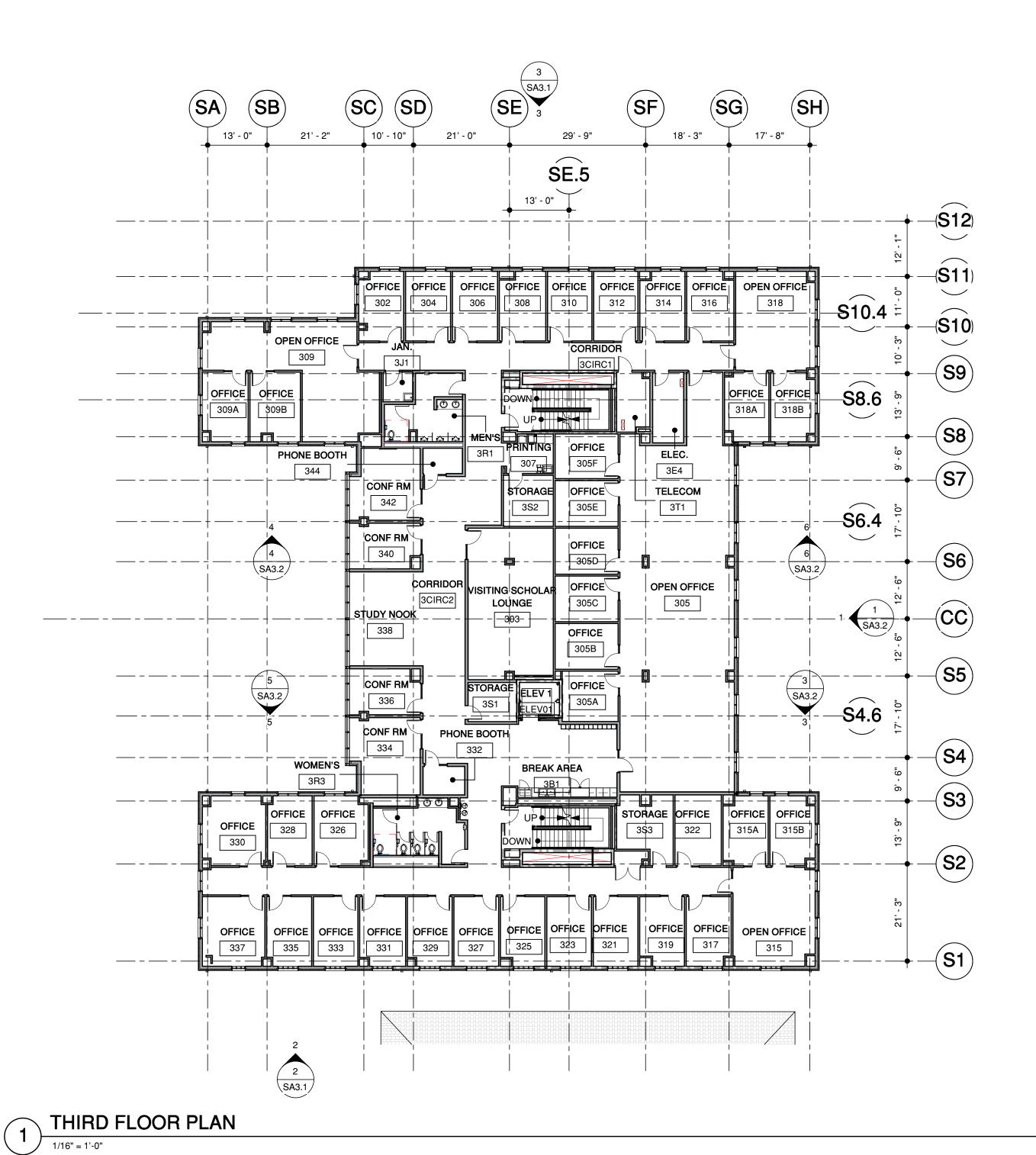
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GENERAL NOTES

- 1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATOR AND DUCT SHAFTS SHALL BE PROTECTED WITH 2-HOUR FIRE RATED SPRAY-APPLIED OR GYPSUM BOARD FIREPROOFING.
- 3. ALL FIRST FLOOR EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS.

FLOOR PLAN LEGEND

NON-RATED WALL OR PARTITION

RATED WALL

CEMENT PLASTER WALL

(E) WALL

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PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL

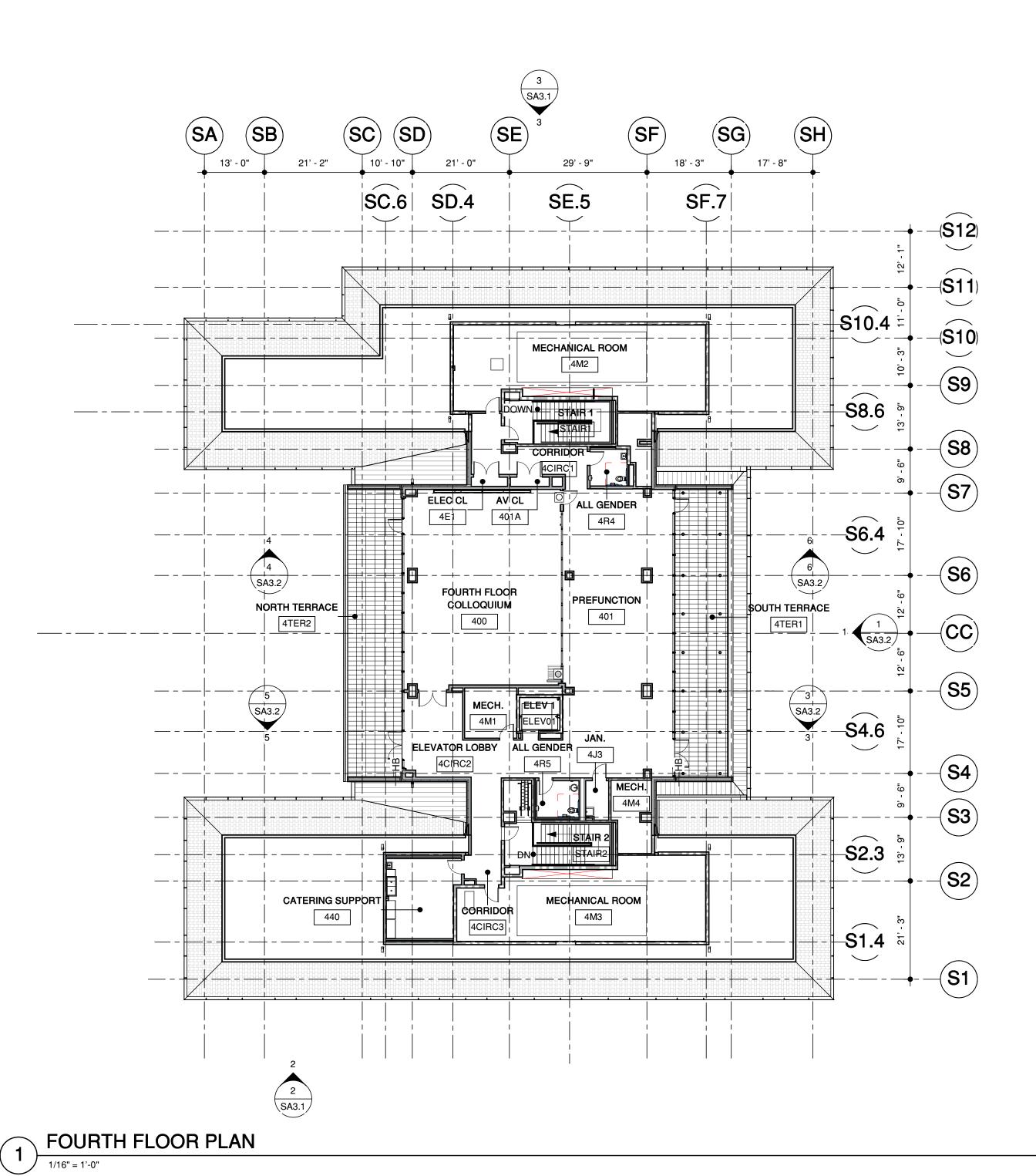
STANFORD, CA 94305

SHEET TITLE

SB THIRD FLOOR PLAN

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RUE ORTH

GENERAL NOTES

- 1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATOR AND DUCT SHAFTS SHALL BE PROTECTED WITH 2-HOUR FIRE RATED SPRAY-APPLIED OR GYPSUM BOARD FIREPROOFING.
- 3. ALL FIRST FLOOR EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS.

FLOOR PLAN LEGEND

NON-RATED WALL OR PARTITION

RATED WALL

CEMENT PLASTER WALL

(E) WALL

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ASA RESUBMISSION 11/19/2021

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GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB FOURTH FLOOR PLAN

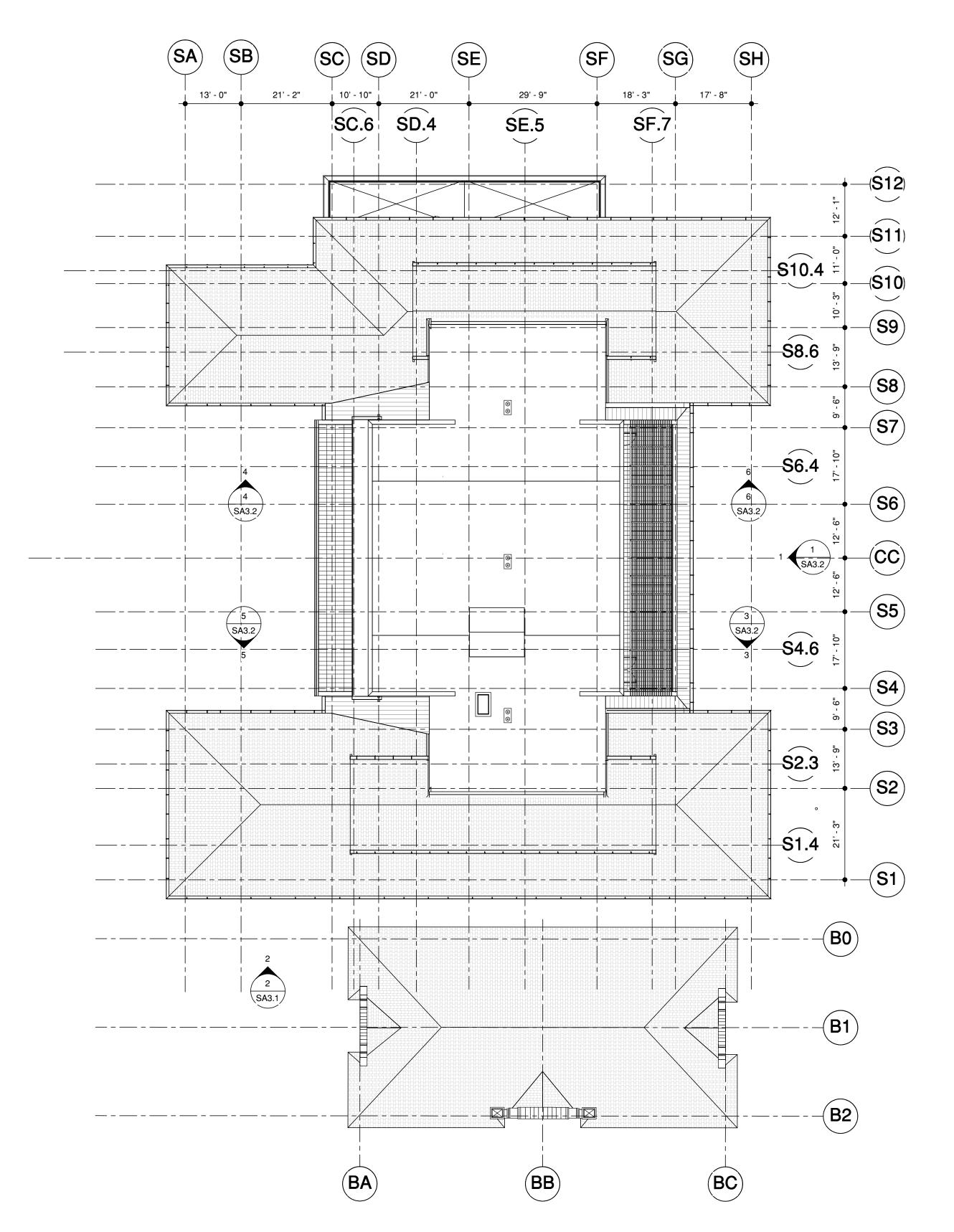
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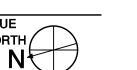
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SHEET

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1 ROOF PLAN



GENERAL NOTES

- 1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.
- 2. COLUMNS AND BEAMS AROUND STAIRS, ELEVATOR AND DUCT SHAFTS SHALL BE PROTECTED WITH 2-HOUR FIRE RATED SPRAY-APPLIED OR GYPSUM BOARD FIREPROOFING.
- 3. ALL FIRST FLOOR EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS.

FLOOR PLAN LEGEND

NON-RATED WALL OR PARTITION

RATED WALL

CEMENT PLASTER WALL

(E) WALL

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PROJECT NAME

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SHEET TITLE

SB ROOF PLAN

PROJECT NO. 17013

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2 LASUEN MALL WEST PROPOSED ELEVATION

1" = 60'-0"



1 LASUEN MALL WEST EXISTING ELEVATION

1" = 60'-0"

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PROJECT NAME

GRADUATE SCHOOL OF **EDUCATION**

485 LASUEN MALL

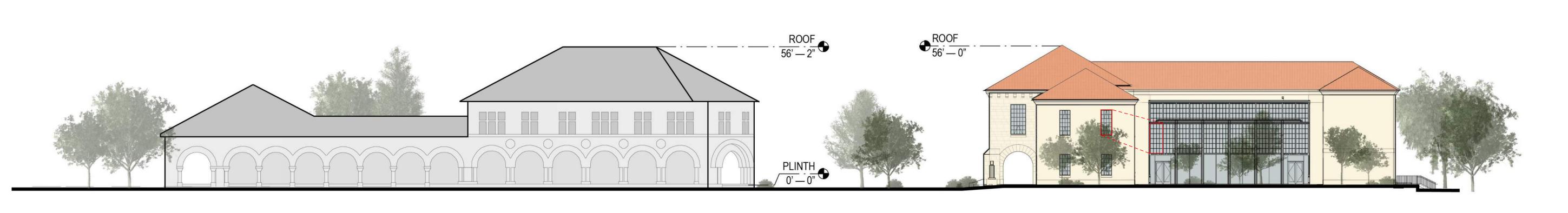
STANFORD, CA 94305

SHEET TITLE

STREET SECTIONS

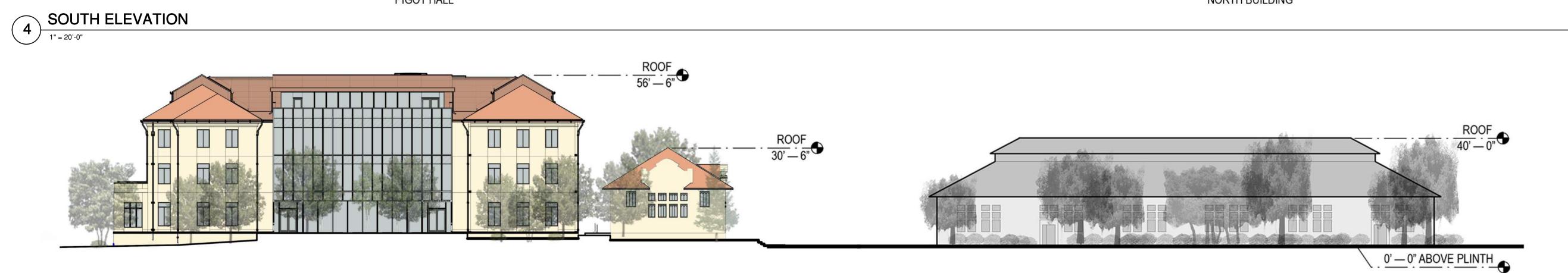
PROJECT NO. 17013

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PIGOT HALL NORTH BUILDING

LASUEN MALL



3 NORTH ELEVATION

1" = 20'-0"

SOUTH BUILDING



BARNUM &
NORTH BUILDING
SOUTH BUILDING BEYOND

488 ESCONDIDO MALL

WEST ELEVATION

1" = 20'-0"



SOUTH BUILDING NORTH BUILDING

BARNUM



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 ASA RESUBMISSION
 02/15/2022

PROJECT NAME

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SITE ELEVATIONS

PROJECT NO. 17013

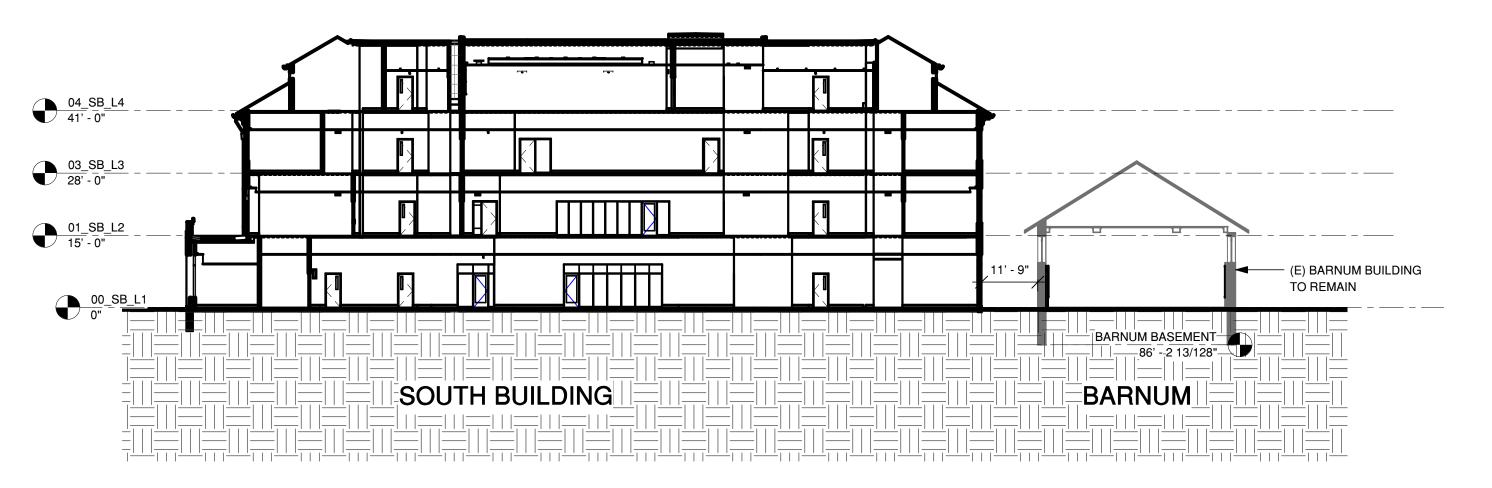
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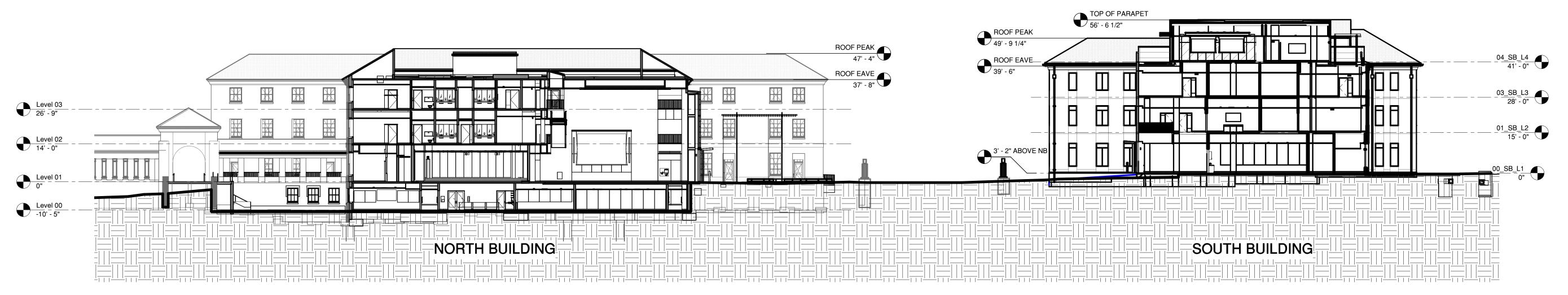
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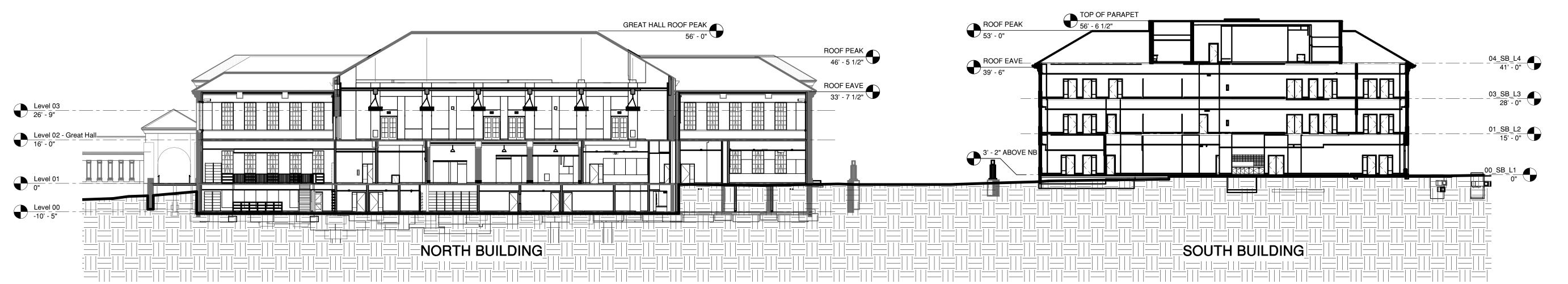


SITE SECTION THROUGH SOUTH BUILDING AND BARNUM



SITE SECTION THROUGH COURTYARD

1" = 20'-0"



ARCHITECTS

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485 LASUEN MALL STANFORD, CA 94305

SHEET TITLE

SITE SECTIONS

PROJECT NO. 17013

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1. ALONG LASUEN MALL





4. NORTH BUILDING COURTYARD



3. VIEW FROM TOWN CENTER



5. SOUTH BUILDING COURTYARD



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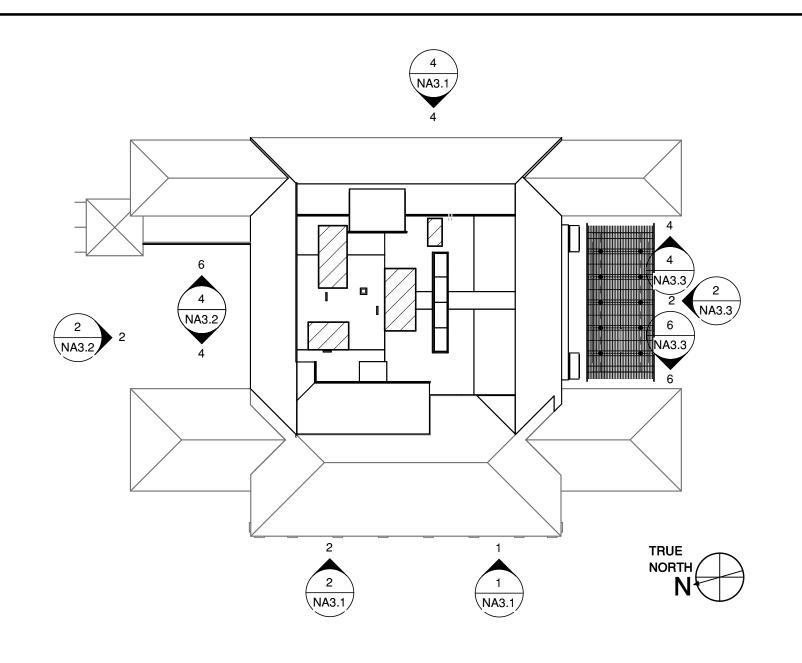
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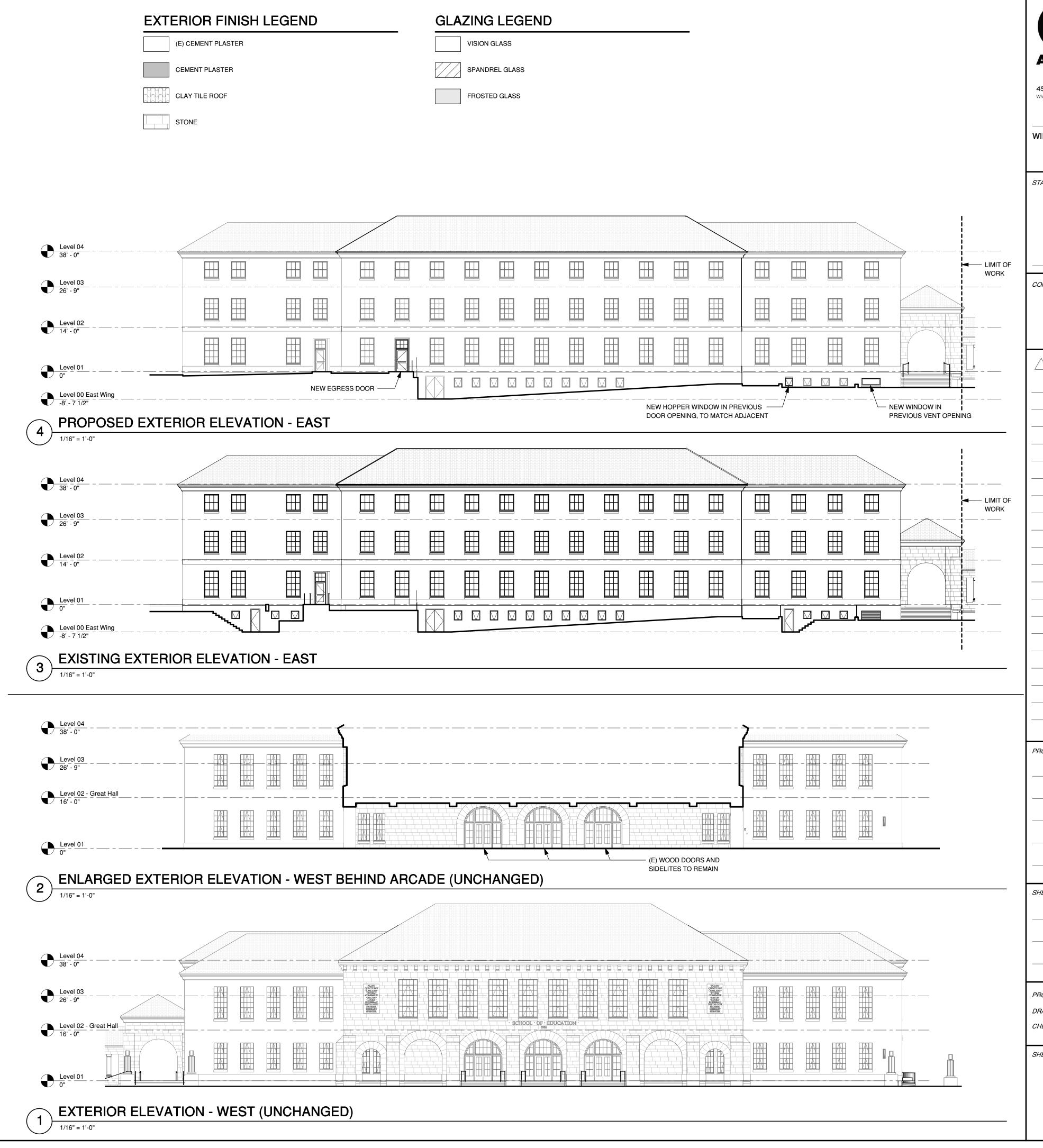
EXTERIOR RENDERS

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PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB EAST & WEST ELEVATIONS

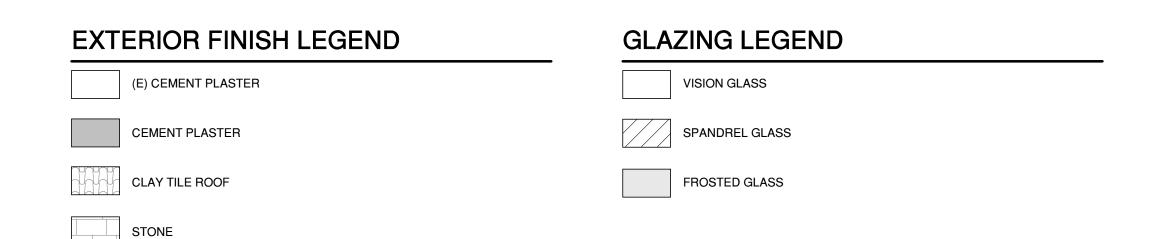
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485 LASUEN MALL

EDUCATION

STANFORD, CA 94305

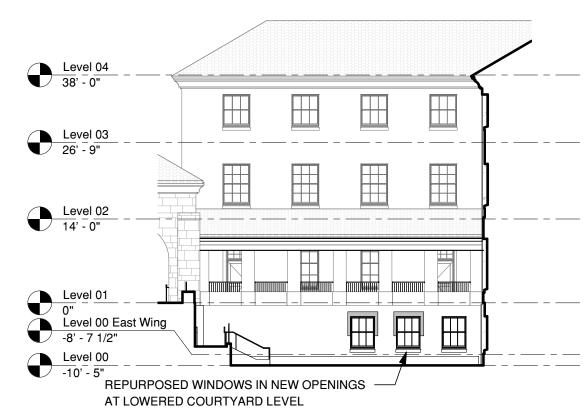
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NB NORTH AND NORTHERN COURTYARD ELEVATIONS

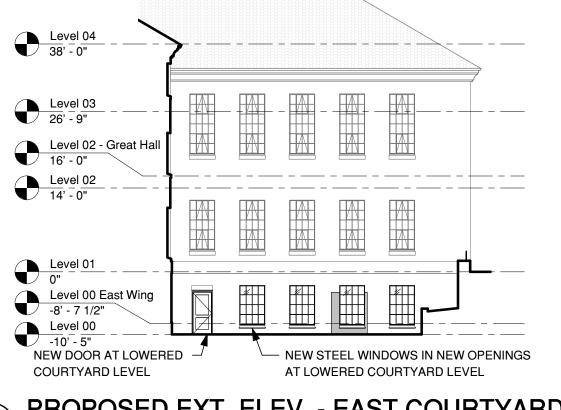
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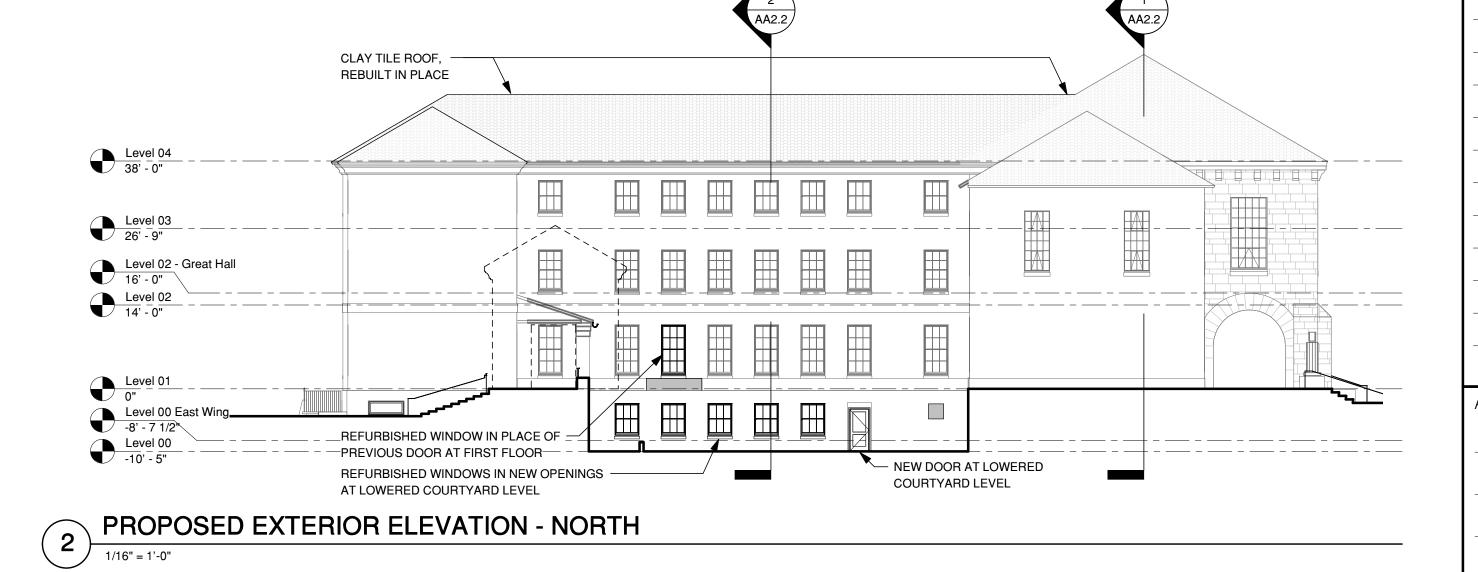
SHEET



PROPOSED EXT. ELEV. - WEST COURTYARD



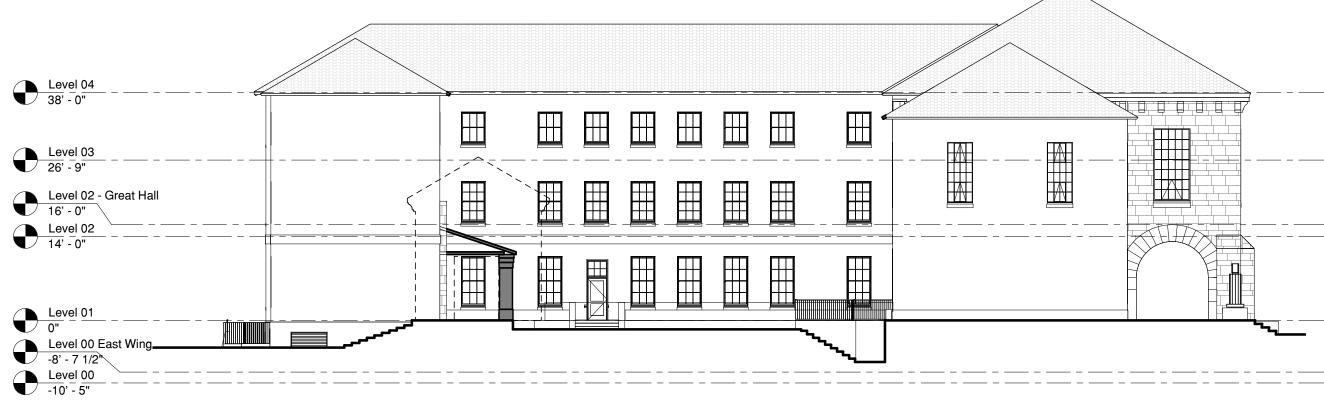
PROPOSED EXT. ELEV. - EAST COURTYARD 1/16" = 1'-0"



Level 04 38' - 0" Level 03 26' - 9" Level 02 - Great Hall 16' - 0" Level 02 14' - 0" Level 01 - -Level 00 East Wing -8' - 7 1/2"

3 EXISTING EXT. ELEV. - EAST COURTYARD

1/16" = 1'-0"



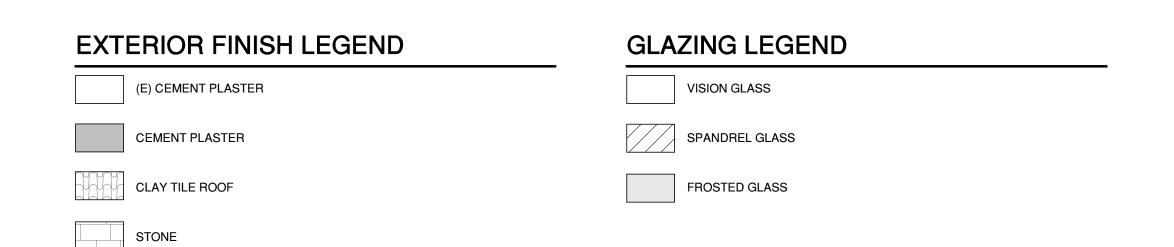
EXISTING EXTERIOR ELEVATION - NORTH

Level 04				
Level 03 26' - 9"				
Level 02				
14' - 0"				
Level 00 East V -8' - 7 1/2" Level 00 -10' - 5"	Wing	 		

5 EXISTING EXT. ELEV. - WEST COURTYARD

1/16" = 1'-0"

1/16" = 1'-0"





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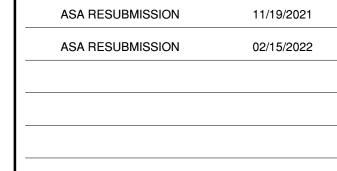
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PROJECT NAME

NORTH BUILDING **GRADUATE SCHOOL OF**

485 LASUEN MALL

EDUCATION

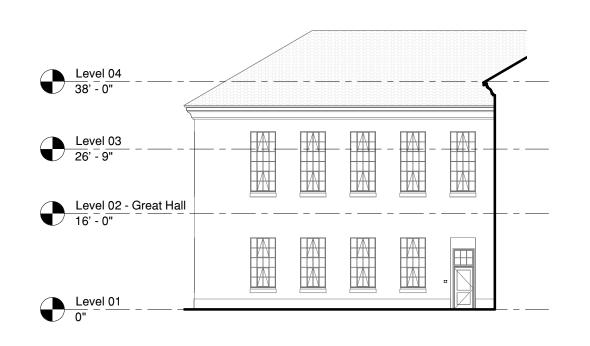
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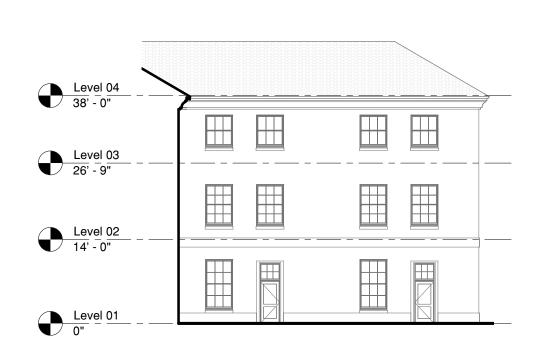
SHEET TITLE

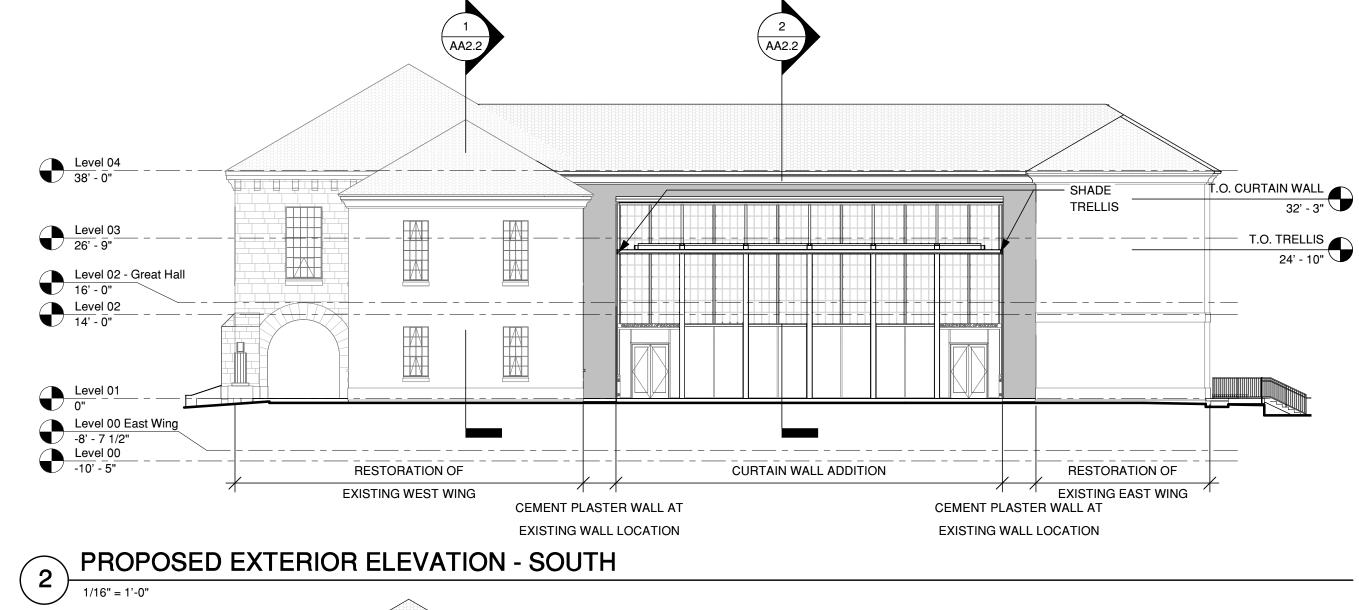
NB SOUTH AND SOUTHERN COURTYARD ELEVATIONS

PROJECT NO. **17013** DRAWN BY TK / AS

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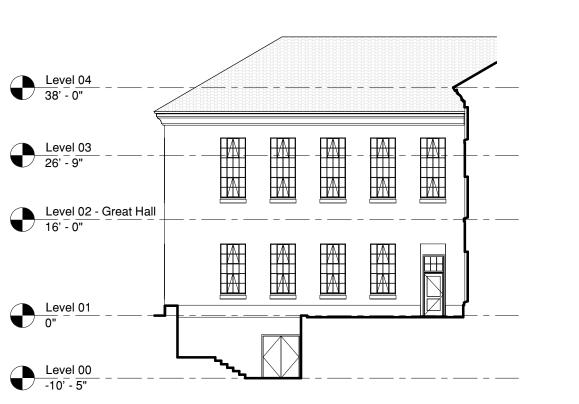






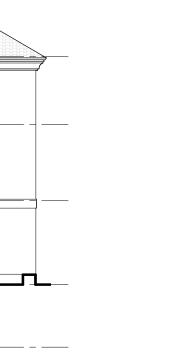








EXTERIOR ELEVATION - WEST COURTYARD



EXTERIOR ELEVATION - EAST COURTYARD

EXTERIOR ELEVATION - WEST COURTYARD

EXISTING EXTERIOR ELEVATION - SOUTH

Level 04 38' - 0"

(3)

Level 04 38' - 0"

Level 02 - Great Hall
16' - 0"
Level 02
14' - 0"



3 EXTERIOR ELEVATION - EAST



2 EXTERIOR ELEVATION - WEST



1 EXTERIOR ELEVATION - WEST - BARNUM

1/16" = 1'-0"



CEMENT PLASTER

METAL PANEL

CLAY TILE ROOFING

METAL OR ALUMINUM: TO MATCH PERMAFLUOR CLASSIC BRONZE

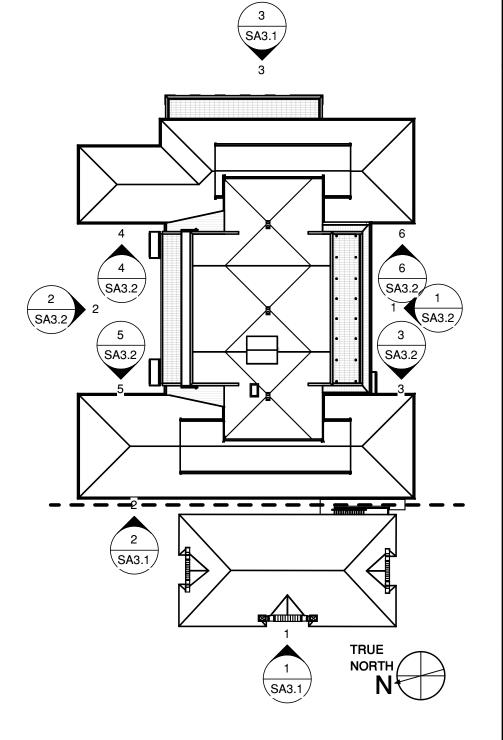
FINISHED CONCRETE FOUNDATION WALL

GLAZING LEGEND

VISION GLASS

SPANDREL GLASS

FROSTED GLASS



CAV

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ASA RESUBMISSION	02/15/2022

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB EAST AND WEST ELEVATIONS

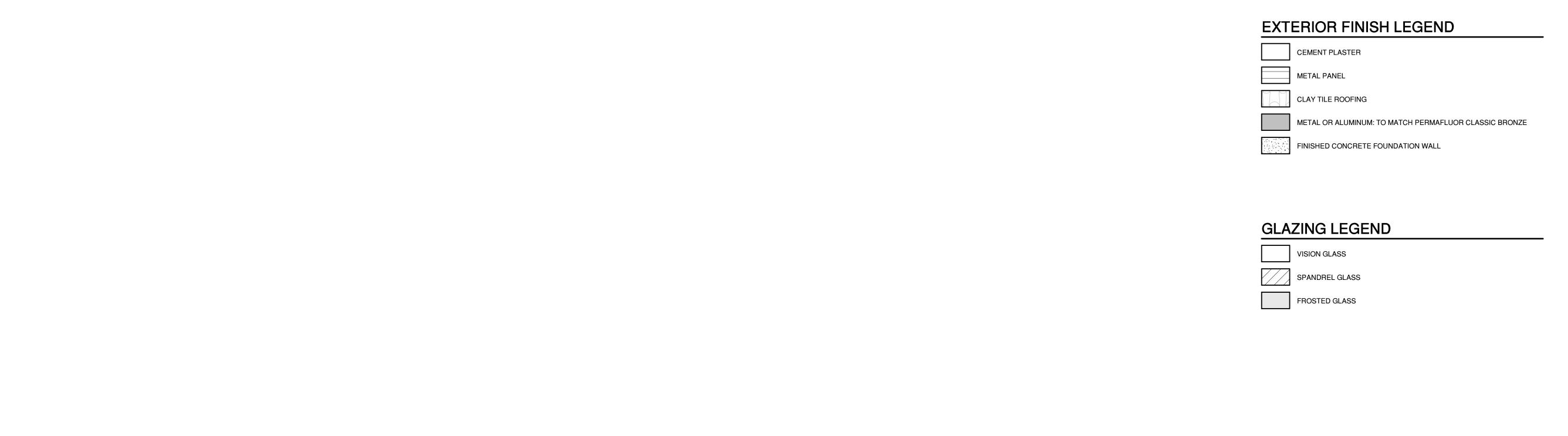
PROJECT NO. 17013

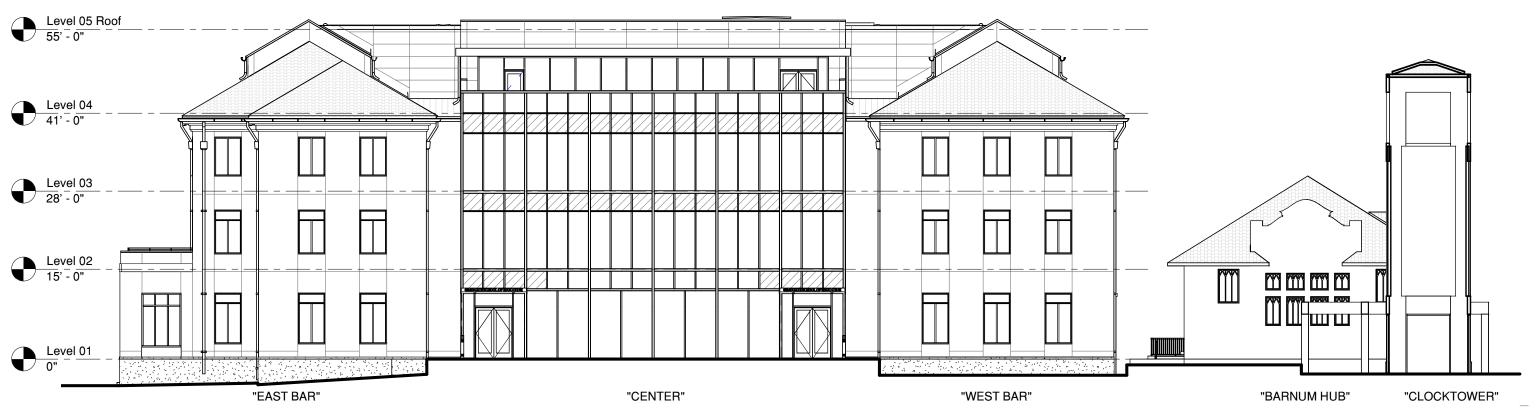
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SA3.1

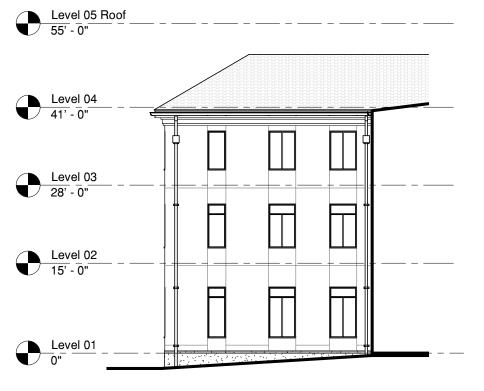
2/3/2022 2:48:57 PM

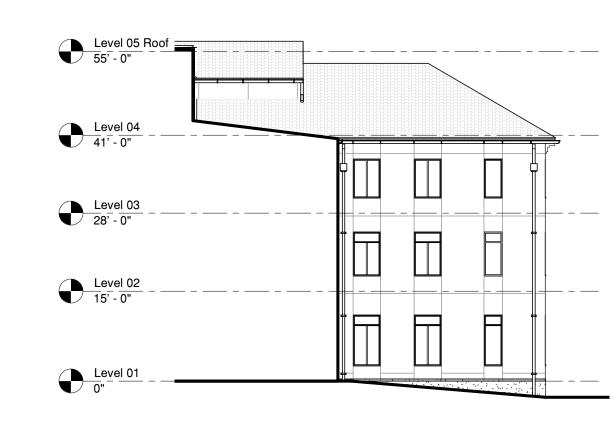




4 EXTERIOR ELEVATION - WEST

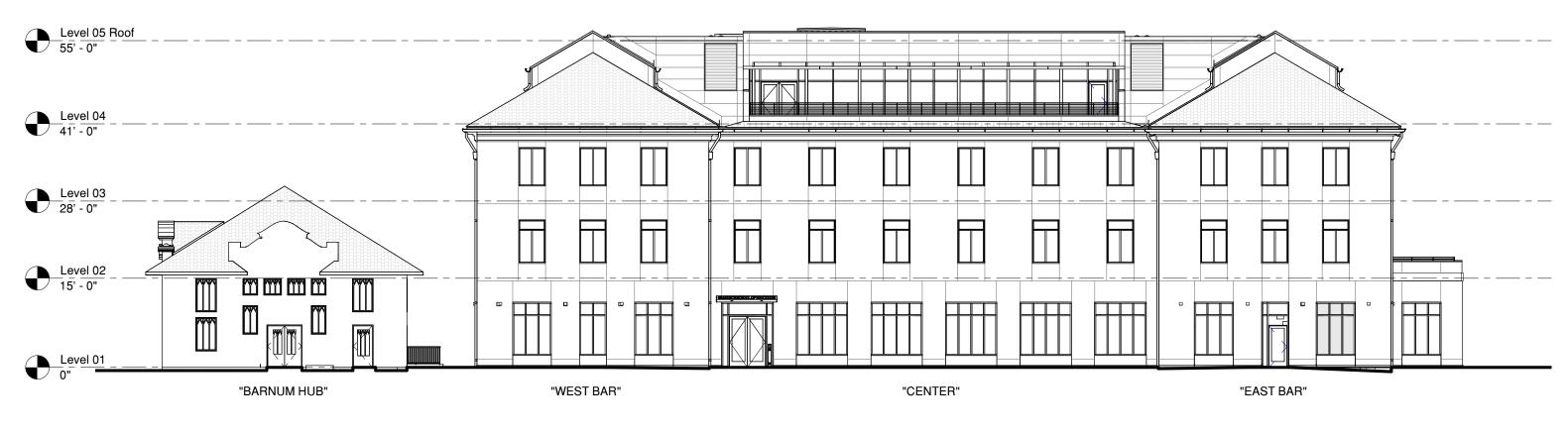
1/16" = 1'-0" **EXTERIOR ELEVATION - NORTH**



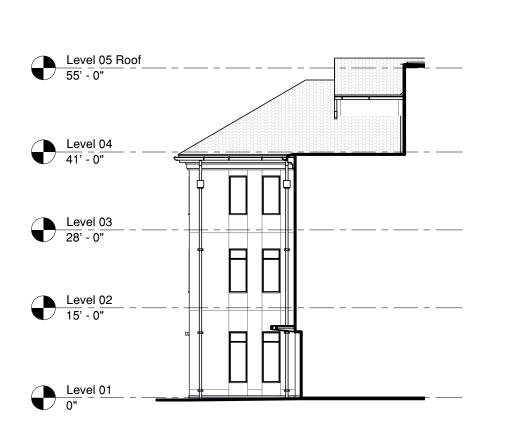


5 EXTERIOR ELEVATION - EAST

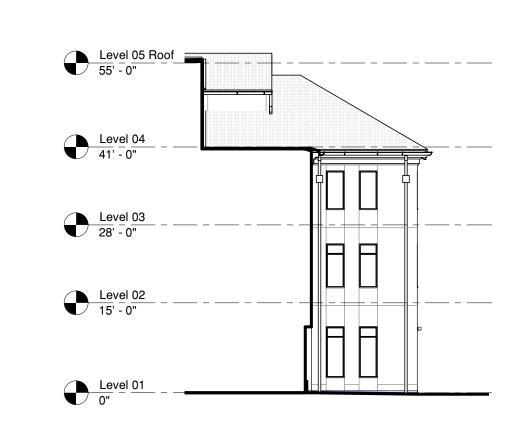
1/16" = 1'-0"



EXTERIOR ELEVATION - SOUTH

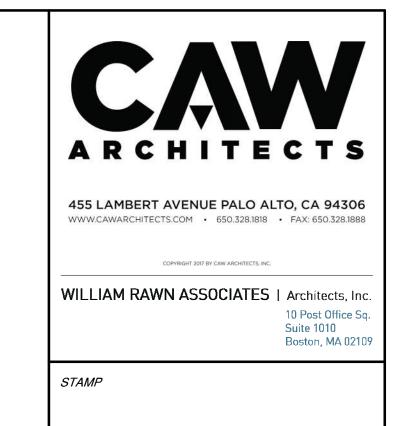


3 EXTERIOR ELEVATION - EAST



EXTERIOR ELEVATION - WEST

1/16" = 1'-0"



MILESTONE DATE ASA SUBMISSION 12/07/2020 08/20/2021 ASA RESUBMISSION ASA RESUBMISSION 11/19/2021

CONSULTANTS

ASA RESUBMISSION 02/15/2022

> PROJECT NAME SOUTH BUILDING **GRADUATE SCHOOL OF EDUCATION**

505 & 507 LASUEN MALL STANFORD, CA 94305

SHEET TITLE

SB NORTH AND SOUTH **ELEVATIONS**

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SA3.2