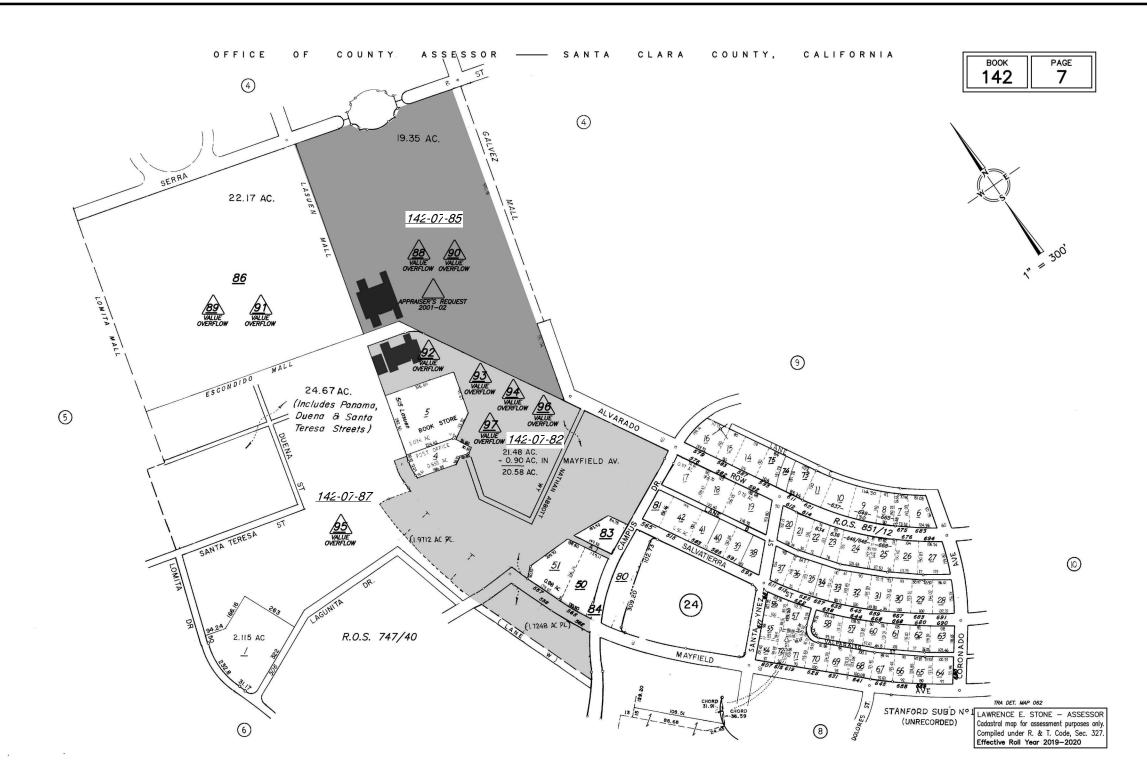
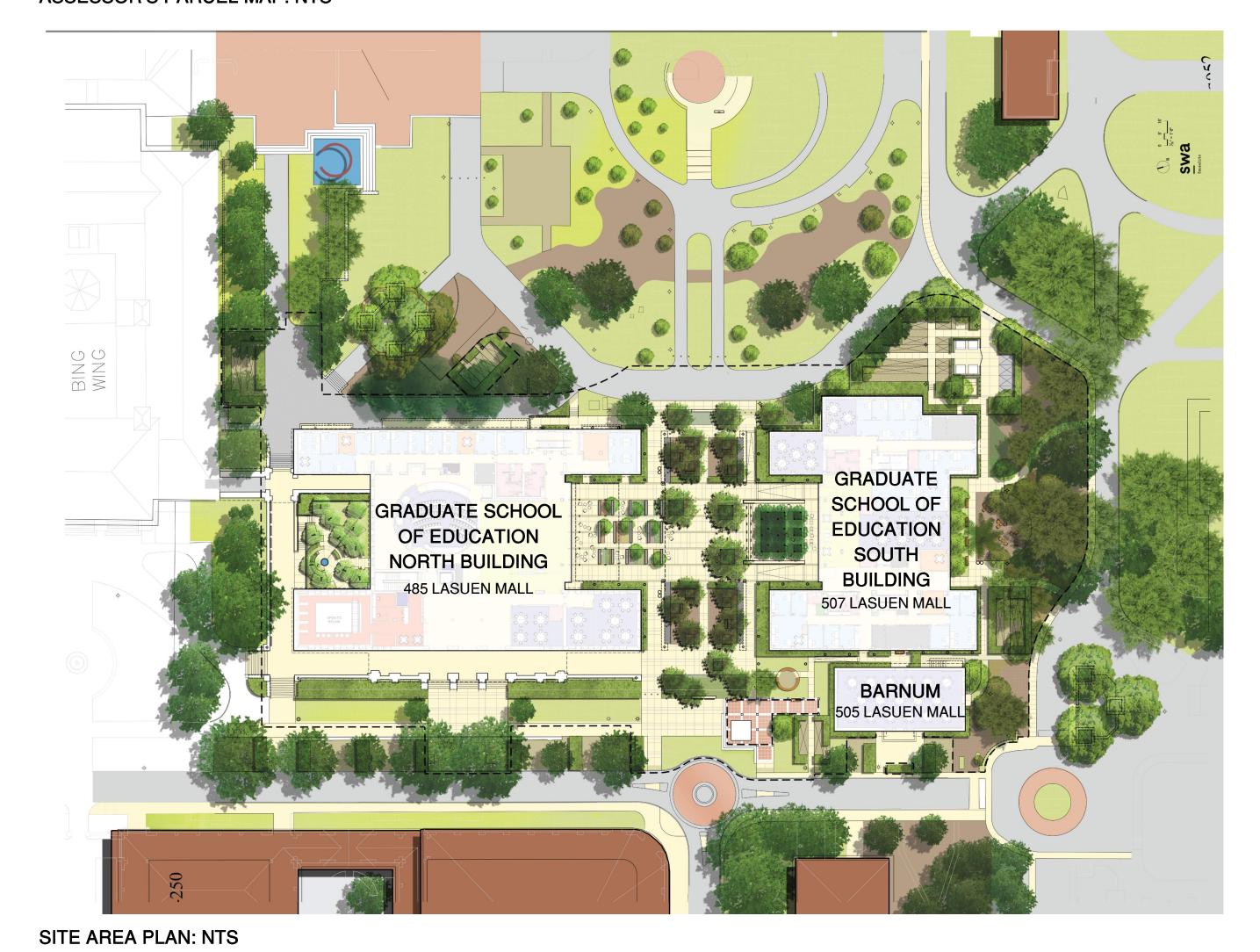
GRADUATE SCHOOL OF EDUCATION: ASA APPLICATION

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



ASSESSOR'S PARCEL MAP: NTS



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AA0.6	SITE ALIGNMENT	L1.01	DEMOLITION, TREE PROTECTION,
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NA2.1	NB RESTORATION - WEST ELEVATION	L4.02	IRRIGATION DETAILS
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C10.00	CIVIL DETAILS	SA3.2	SB NORTH AND SOUTH ELEVATIONS
2.0.00		Sheet Cou	unt: 73

•	NORTH BUILDIN		ENFNEI	SOUTH BUILDIN	_	RNUM		
	OCCUPANCY TO A-3 B S-2			OCCUPANCY TO A-3 B		TH FLOOF OORS	3	
	TYPE OF CONS		ON: IIIB	TYPE OF CONS SOUTH BUILDIN		ION: IIA	BARNUM:	VB, UNRATED
	STRUCTURE RA 2 HR FIRE-RATE 0 HR RATED STI	D EXT. I	LOAD BEARING WALLS, RAL FRAME	STRUCTURE RA			BARNUM:	NONE
	FIRE SPRINKLE	R:	YES	FIRE SPRINKLE	R:	YES		
	BUILDING HEIG	HT:	56'	BUILDING HEIG SOUTH BLDG	HTS:	56'-6 1/2'	'BARNUM :	30'9"
	ALLOWABLE HE	EIGHT:	65'	ALLOWABLE HE SOUTH BLDG:	EIGHT:	65'	BARNUM:	60'
	BUILDING AREA NORTH BUILDIN BASEMENT FIRST FLOOR: SECOND FLOOF THIRD FLOOR:	<u>IG:</u>	27,659 24,671 25,100 17,065	BUILDING AREA SOUTH BUILDIN FIRST FLOOR: SECOND FLOOF THIRD FLOOR: FOURTH FLOOR	<u>G:</u> ₹:	17,412 16,683 16,683 7,536	BARNUM: BASEMENT: FIRST FLOOR:	453 3,485
	TOTAL:		94,495	TOTAL:		58,314	TOTAL:	3,938
	ALLOWABLE AF ABOVE GRADE: BELOW GRADE	•	A OCCUPANCY 115,630 62,000	ALLOWABLE AF A (FOURTH FLO B (FLOORS 1-3)	OR):	SEPARA 25,420 S 61,500 S		CIES

PROJECT DESCRIPTION

MAJOR RENOVATION AND HISTORIC REHABILITATION OF AN EXISTING REINFORCED CONCRETE AND STEEL BUILDING FOR USE AS CLASSROOMS, OFFICES, LIBRARY, AND LECTURE HALL (NO CHANGE OF USE)

DEMOLITION OF AN EXISTING TWO-STORY ADDITION TO A 1913 SINGLE STORY MASONRY BUILDING, 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 MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTIONS SYSTEMS.

SITE DATA INFORMATION

GENERAL SITE INFORMATION:

DEMOLITION AREA:

APN #1; PARCEL SIZE (WITHIN LIMITS OF WORK):	142-07-082 ; 1.26 ACRES
APN #2; PARCEL SIZE (WITHIN LIMITS OF WORK):	142-07-085 ; 1.51 ACRES
APN #3; PARCEL SIZE (WITHIN LIMITS OF WORK):	142-07-087 ; 0.30 ACRES
DEVELOPMENT DISTRICT:	A1
LAND USE DESIGNATION:	ACADEMIC
BUILDING FOOTPRINT:	SB: 17,369 SF NB: 24,671 SF
SITE AREA:	3.07 ACRES

0.13 ACRES

GUP SQUARE FOOTAGE ANALYSIS

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

BUILDING		METHOD 2 (GUP)	GSF
EXISTING CONDITIONS:			
GRADUATE SCHOOL C	OF EDUCATION NORTH BLDG.	88,184 SF	92,394 GSI
BARNUM			
EXISTING TO I	BE DEMOLISHED	7,198 SF	7,376 GSF
EXISTING TO I	REMAIN	3,485 SF	3,938 GSF
	PROJECT TOTALS	98,867 SF	103,708 GSF
PROPOSED CONDITION:			
PROPOSED CONDITION: GRADUATE SCHOOL C	OF EDUCATION NORTH BLDG.	89,672 SF	94,495 GSF
GRADUATE SCHOOL C	OF EDUCATION NORTH BLDG. DF EDUCATION SOUTH BLDG.	89,672 SF 53,841 SF	94,495 GSF 60,052 GSF
GRADUATE SCHOOL C			
GRADUATE SCHOOL O	OF EDUCATION SOUTH BLDG.		

PROJECT DIRECTORY

Client/Owner Stanford University			
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Architect CAW Architects, Inc. 455 Lambert Avenue Palo Alto, CA 94306 Phone: 650.328.1818 Fax: 650.328.1888	Chris Wasney Mousam Adcock Thomas Koyama Alexandria Evans Alex Siegel	Principal Project Manager Designer Designer Designer	csw@cawarchitects.com mousam@cawarchitects.com tkoyama@cawarchitects.com aevans@cawarchitects.com asiegel@cawarchitects.com
William Rawn Associates, Architect	s. Inc.		
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2200 Bridgeway Boulevard PO Box 5904 Sausalito, CA 94966 Phone: 415.332.5100	John Wong Bill Hynes	Principal Project Manager	jwong@swagroup.com whynes@swagroup.com
Civil Engineer BKF Engineers			
4670 Willow Road, Suite 250 Pleasanton, CA 94588 Phone: 925.396.7700	John Lamon Steven Reynolds Chelsea Mudgett	Associate Project Manager Project Engineer	jlamon@bkf.com sreynolds@bkf.com cmudgett@bkf.com



WILLIAM RAWN ASSOCIATES | Architects, In-



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

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Palo Alto, CA 94306	Mousam Adcock	Project Manager	mousam@cawarchitects.con
Phone: 650.328.1818 Fax: 650.328.1888	Thomas Koyama Alexandria Evans Alex Siegel	Designer Designer Designer	tkoyama@cawarchitects.com aevans@cawarchitects.com asiegel@cawarchitects.com
William Rawn Associates, Architect	s, Inc.		
10 Post Office Square, Suite 1010 Boston, MA 02109 Phone: 617.423.3470	Doug Johnston Erik Tellander	Principal Senior Associate	djohnston@rawnarch.com etellander@rawnarch.com
Landscape Engineer			
SWA	lohn Mong	Dringing	iwang@awagraun aam
2200 Bridgeway Boulevard PO Box 5904	John Wong Bill Hynes	Principal Project Manager	jwong@swagroup.com whynes@swagroup.com
Sausalito, CA 94966	Dili Hyries	i roject Manager	wityfies@swagroup.com
Phone: 415.332.5100			
Civil Engineer			
BKF Engineers			
4670 Willow Road, Suite 250	John Lamon	Associate	jlamon@bkf.com
Pleasanton, CA 94588	Steven Reynolds	Project Manager	sreynolds@bkf.com
Pleasanion, CA 94566			

GRADUATE SCHOOL OF EDUCATION

PROJECT NAME

SHEET TITLE

485 LASUEN MALL

STANFORD, CA 94305

ASA SUBMITTAL COVER SHEET

DRAWN BY TK / AS CHECKED BY MA

AA0.0

GUP INFORMATION MAP

-PROPOSED SITE



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	DATE
ASA SUBMISSION	7/15/2021
ASA RESUBMITTAL	8/20/2021

PROJECT NAME

STANFORD UNIVERSITY

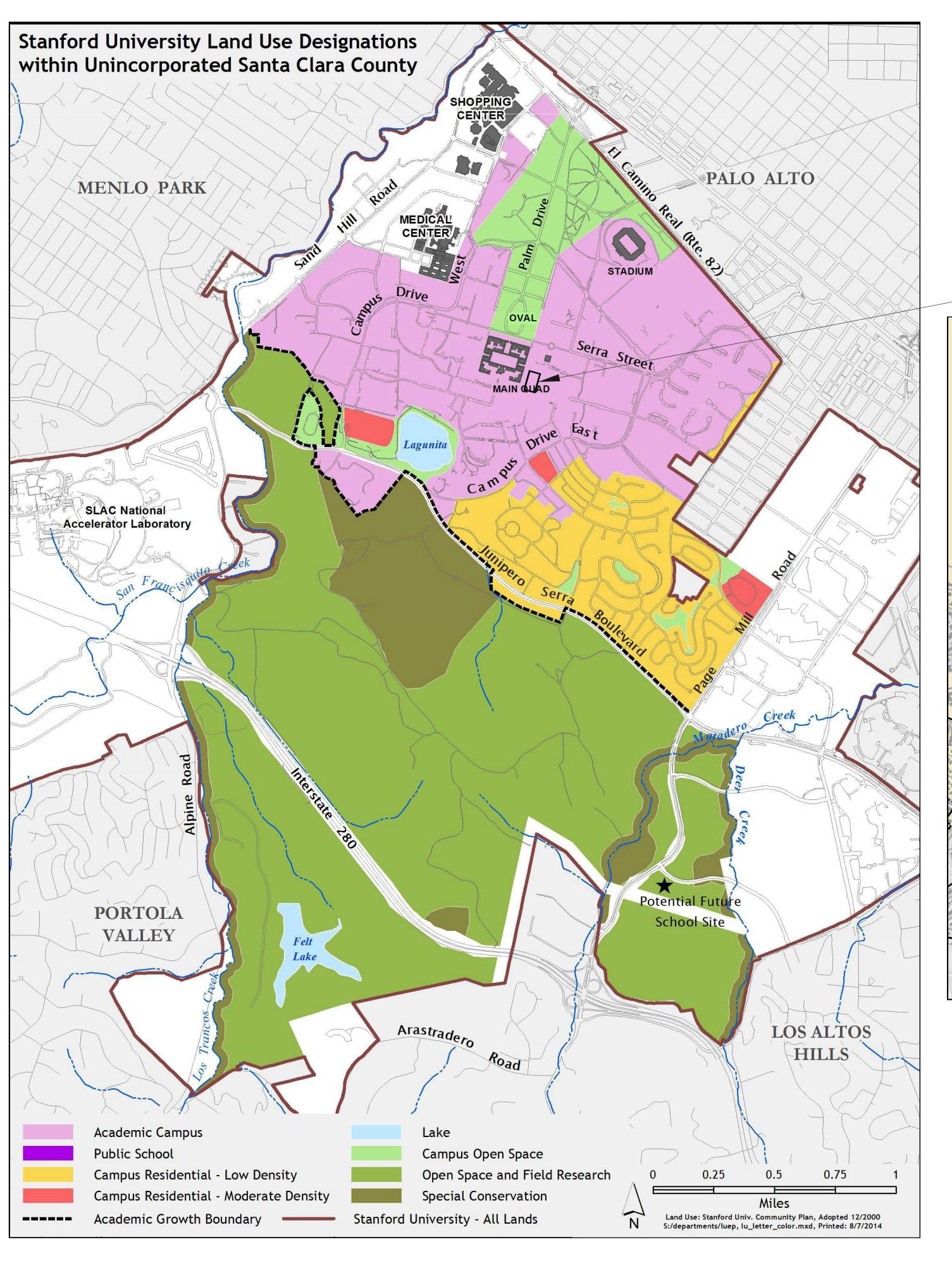
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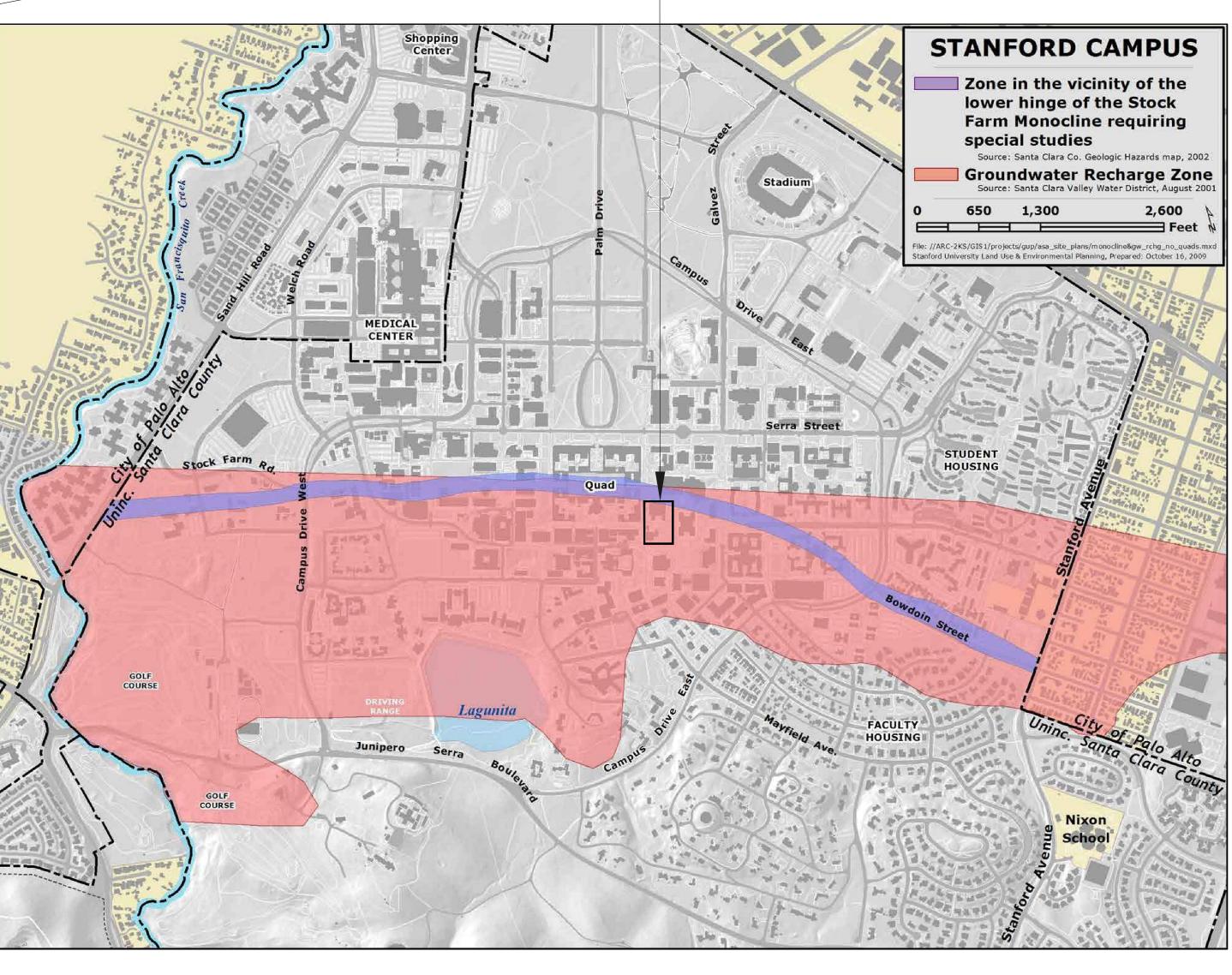
485 & 505 LASUEN MALL STANFORD, CA 94305

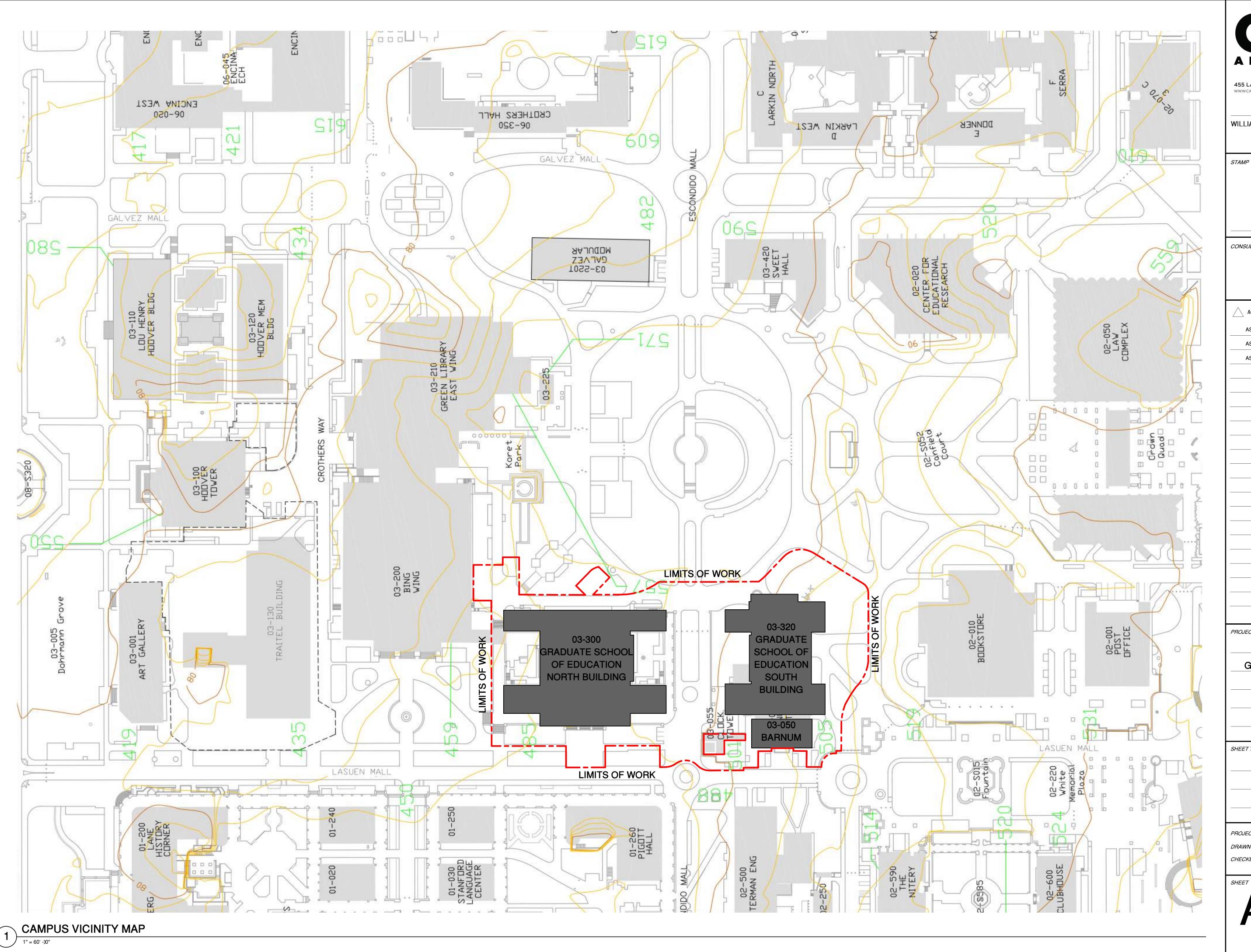
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GUP INFORMATION MAP

PROJECT NO. 14029 CHECKED BY JL



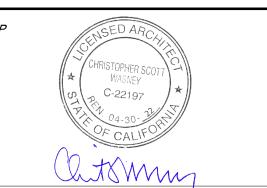




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ASA SUBMISSION	12/07/2020
ASA RESUBMISSION	08/20/2021
ASA RESUBMISSION	11/19/2021

PROJECT NAME

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485 LASUEN MALL

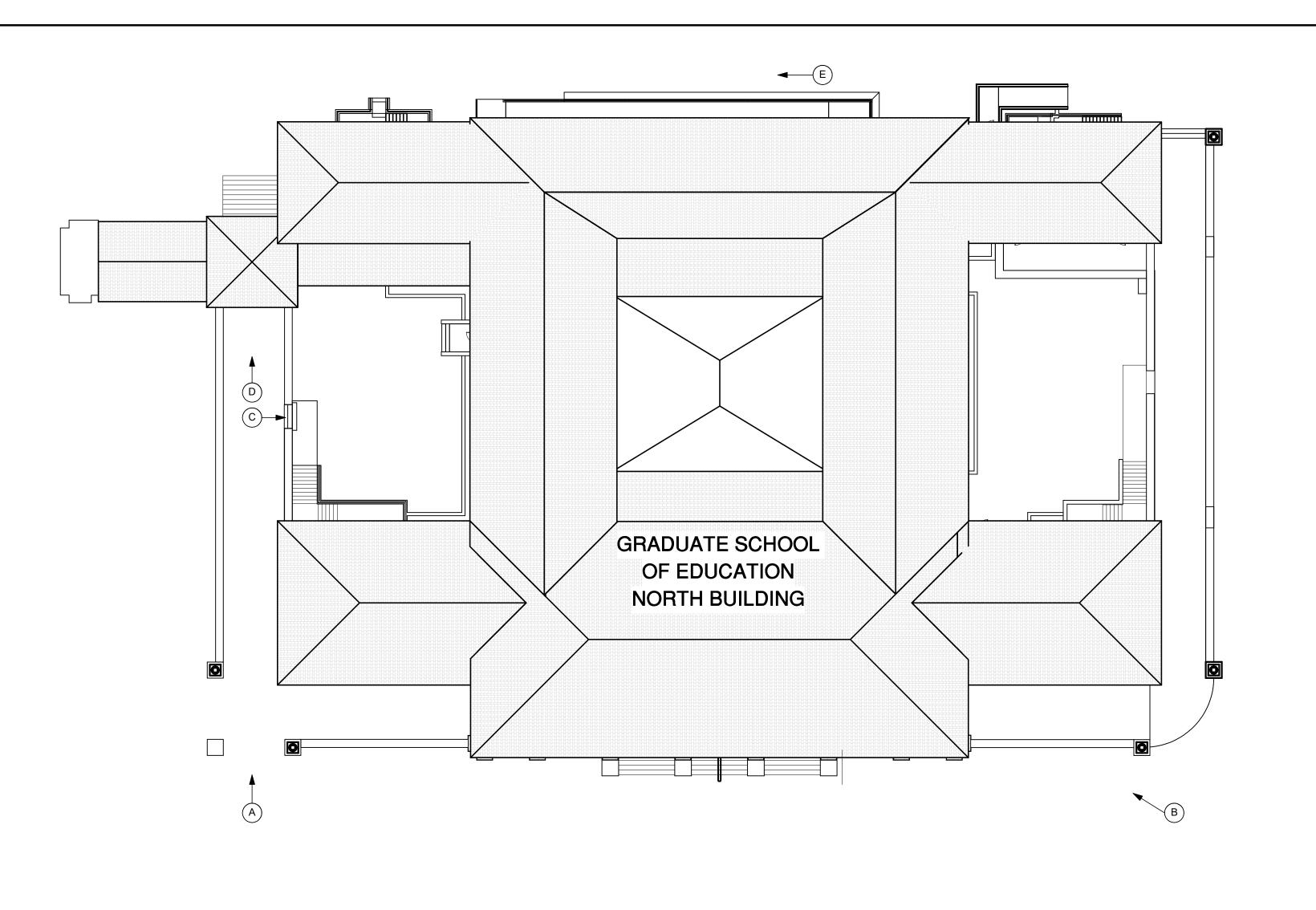
STANFORD, CA 94305

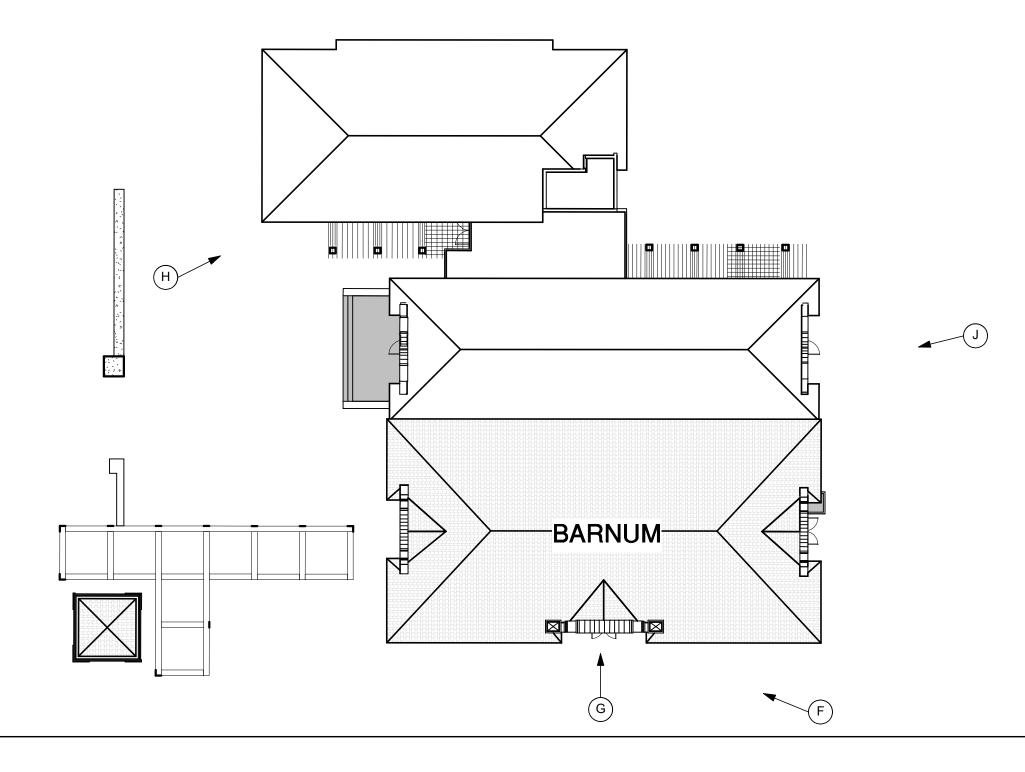
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VICINITY MAP

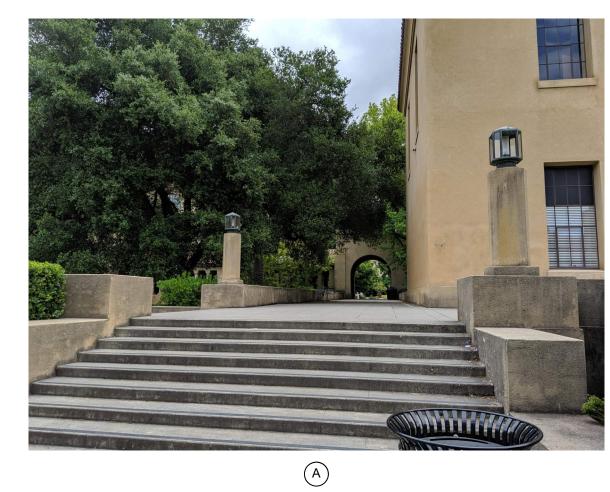
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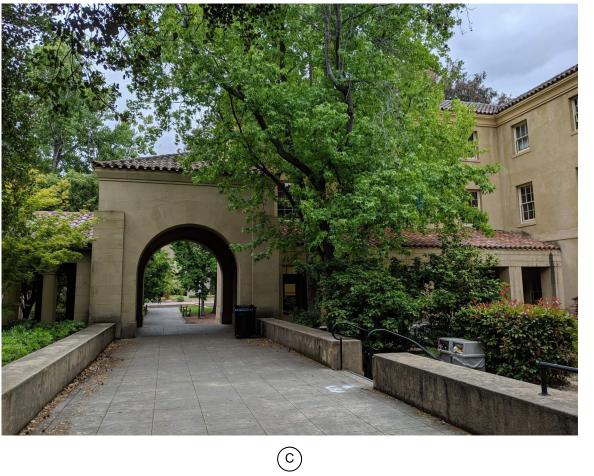




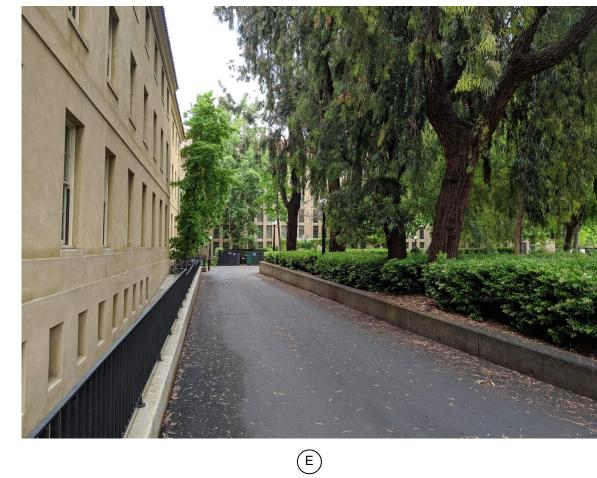
1 SITE PLAN
1" = 20'-0"













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

PROJECT NAME

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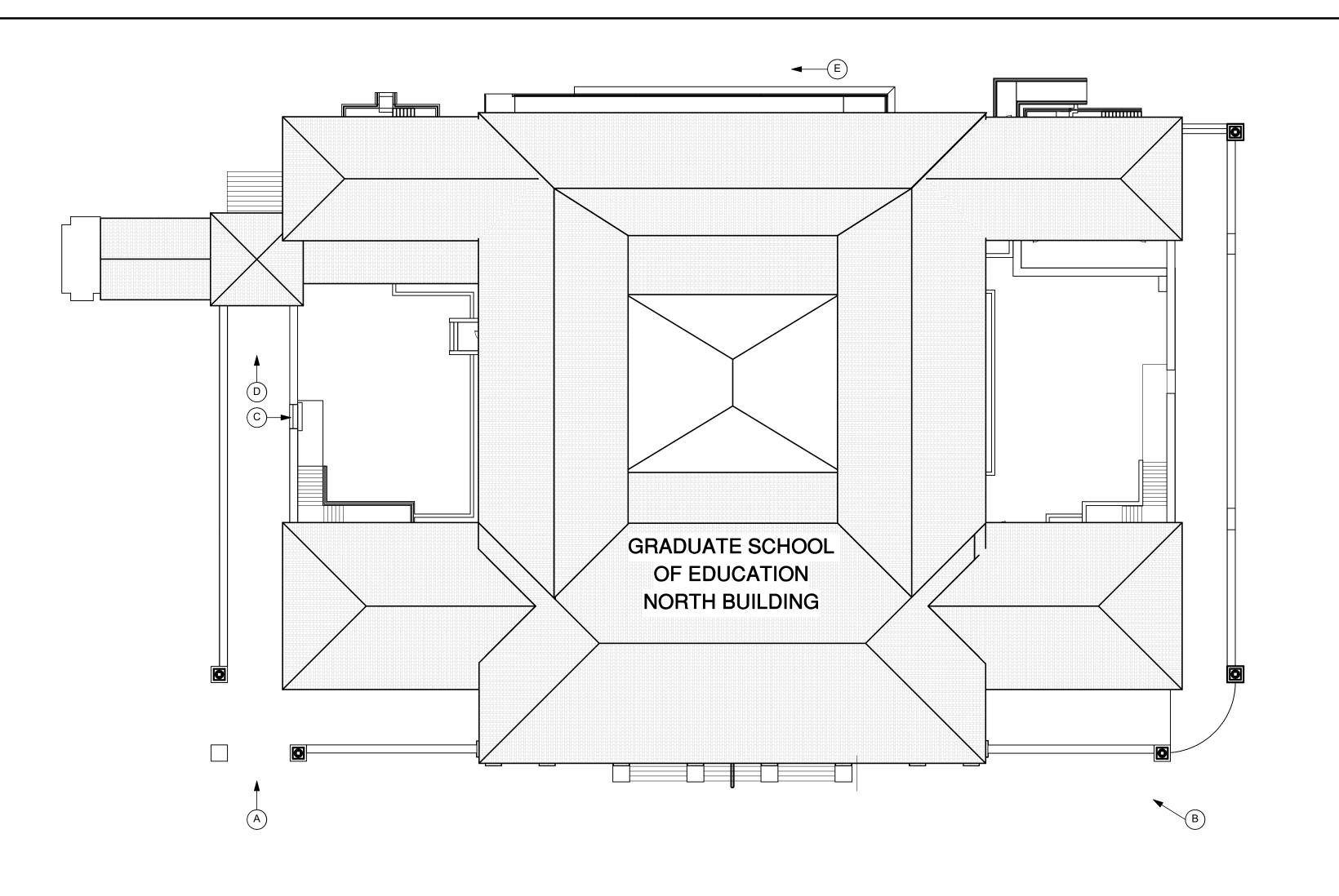
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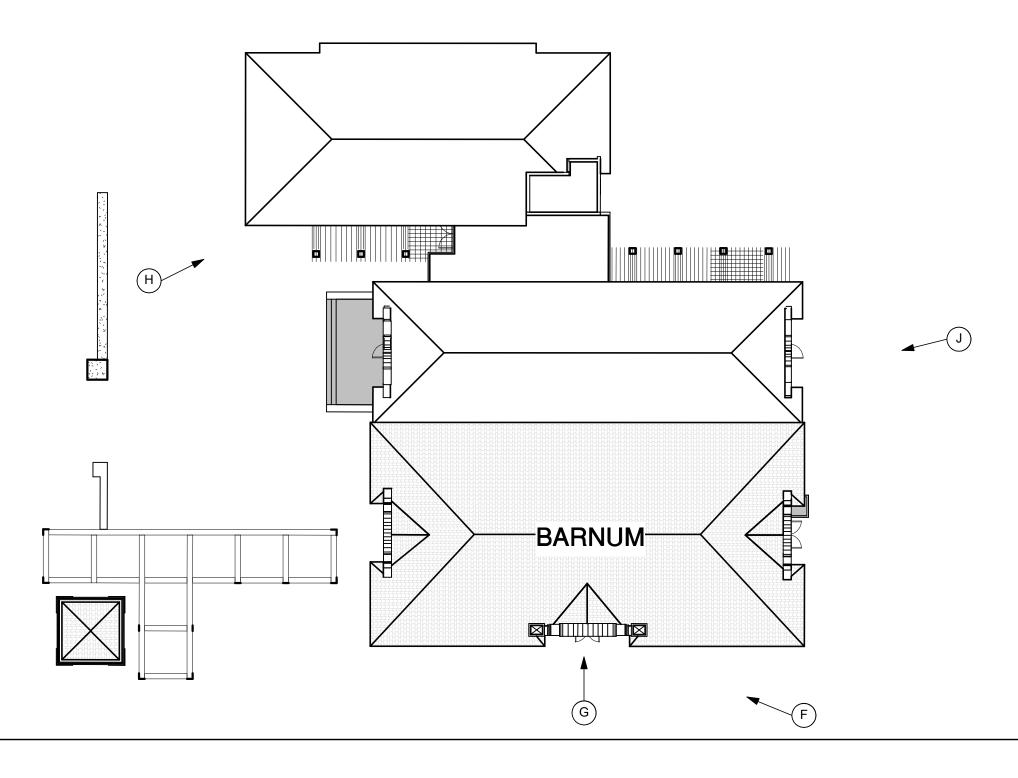
STANFORD, CA 94305

SHEET TITLE

EXISTING CONDITIONS

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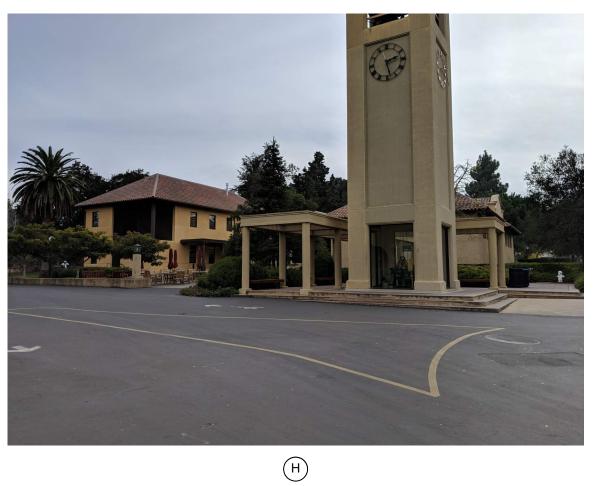




1 SITE PLAN
1" = 20'-0"









CAVA

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CHRISTOPHER SCOTT
WASNEY
C-22197
CF CALIFOR

CONSULTANTS

 MILESTONE
 DATE

 ASA SUBMISSION
 12/07/2020

 ASA RESUBMISSION
 08/20/2021

 ASA RESUBMISSION
 11/19/2021

PROJECT NAME

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

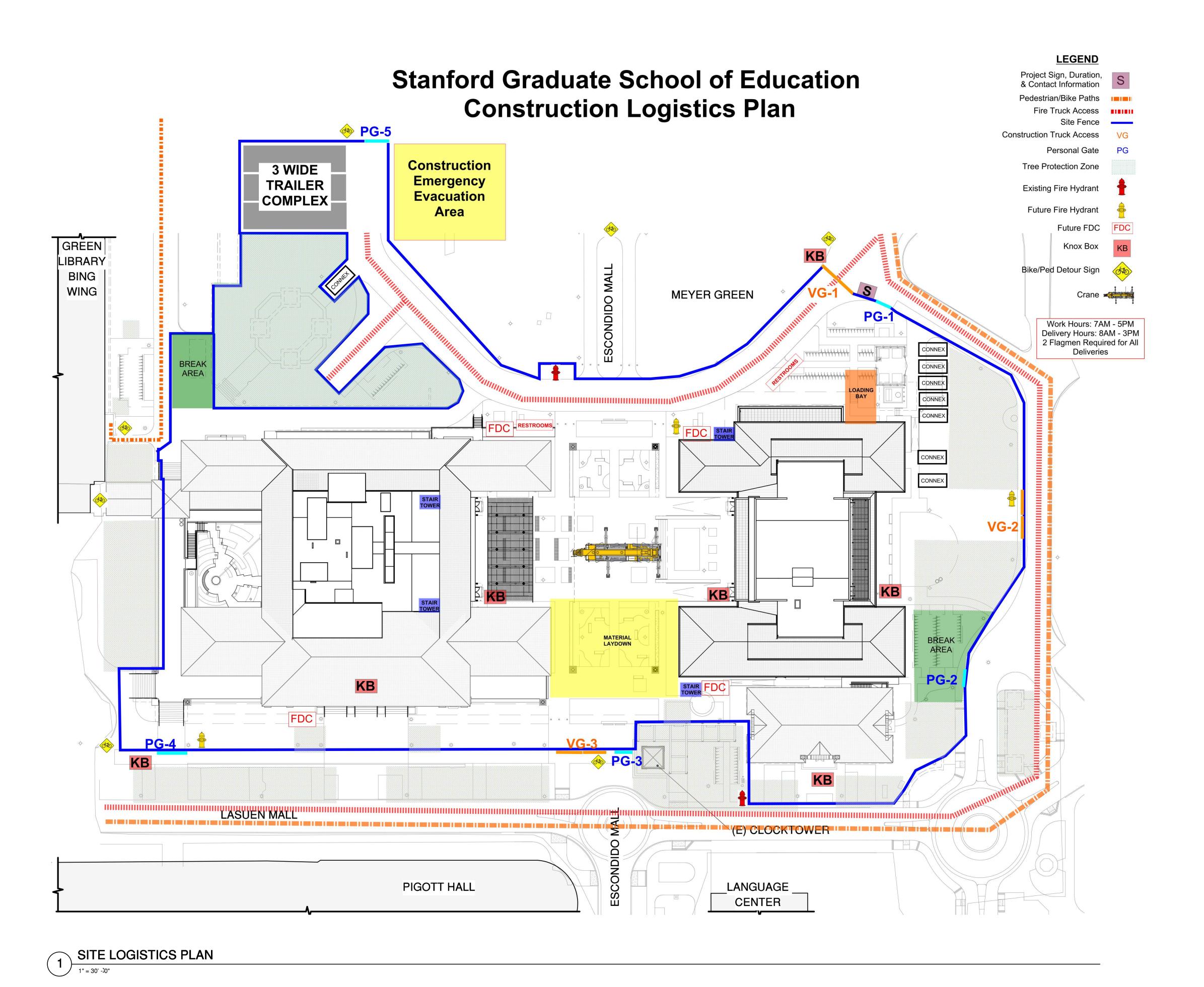
EXISTING CONDITIONS

PROJECT NO. 17013

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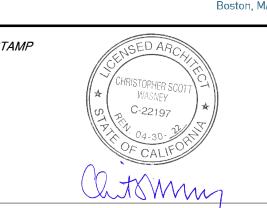


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 ASA RESUBMISSION
 11/19/2021

PROJECT NAME

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SITE LOGISTICS PLAN

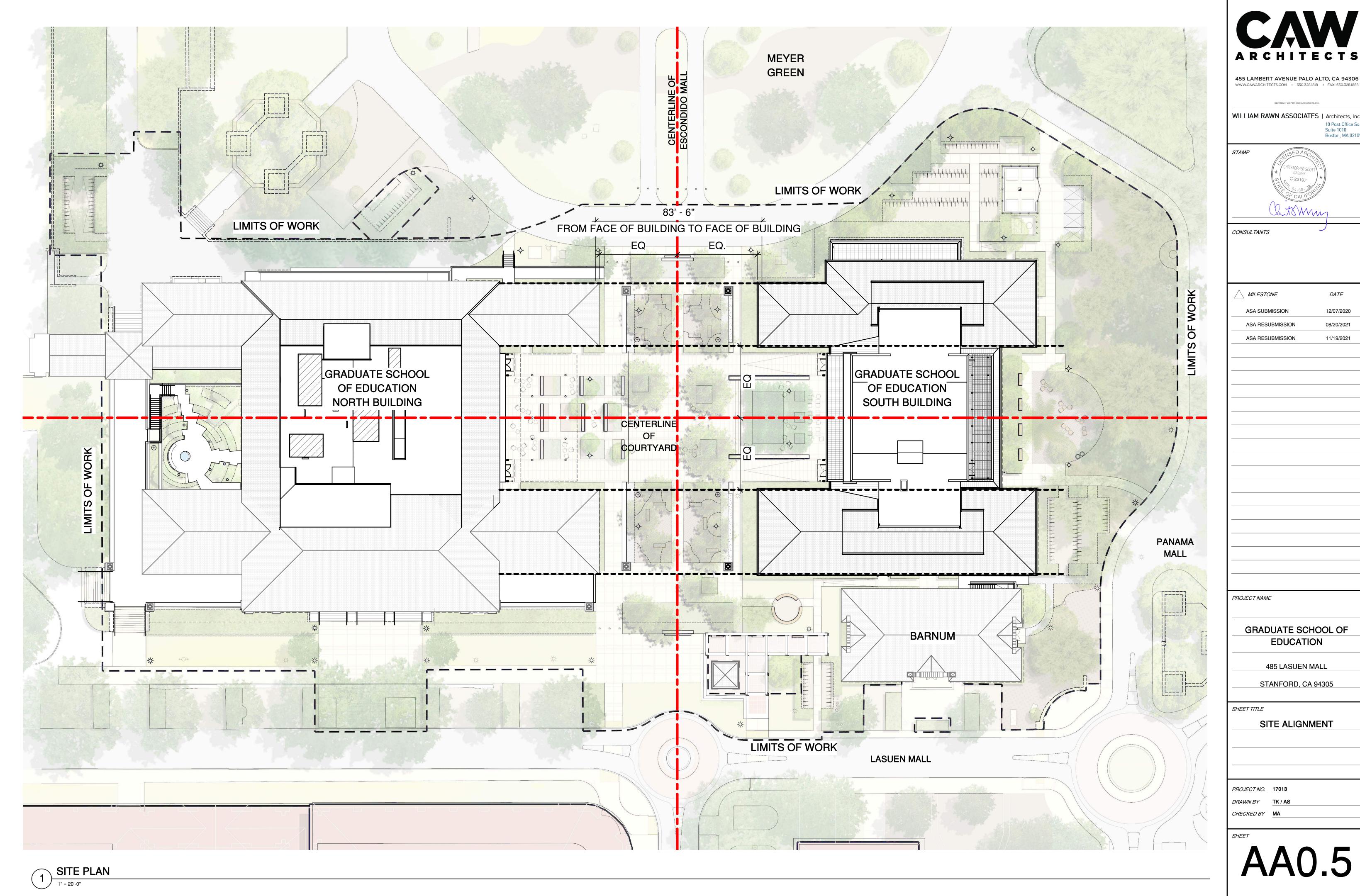
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SHEET

AA0.4



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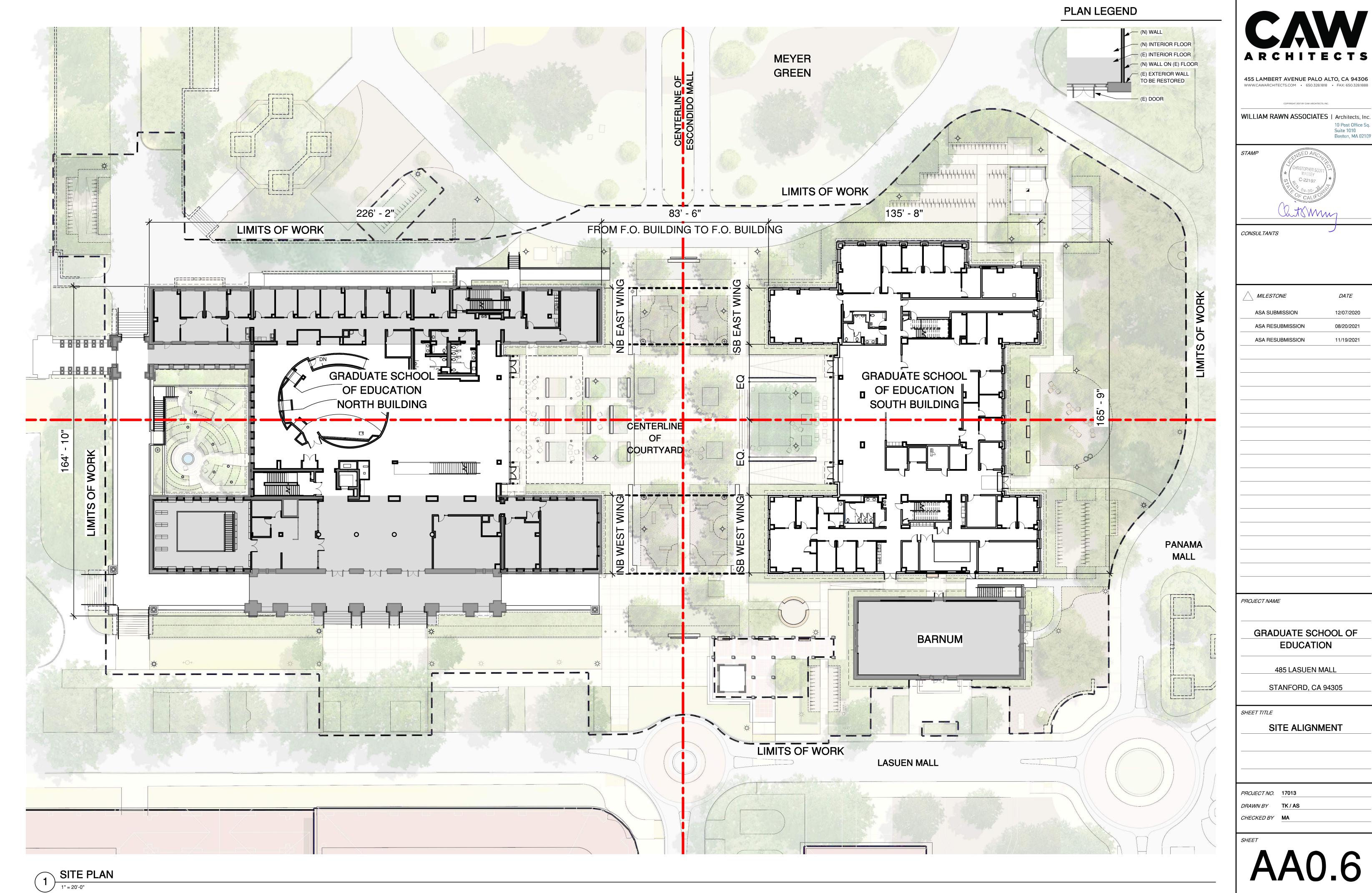
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> > 485 LASUEN MALL

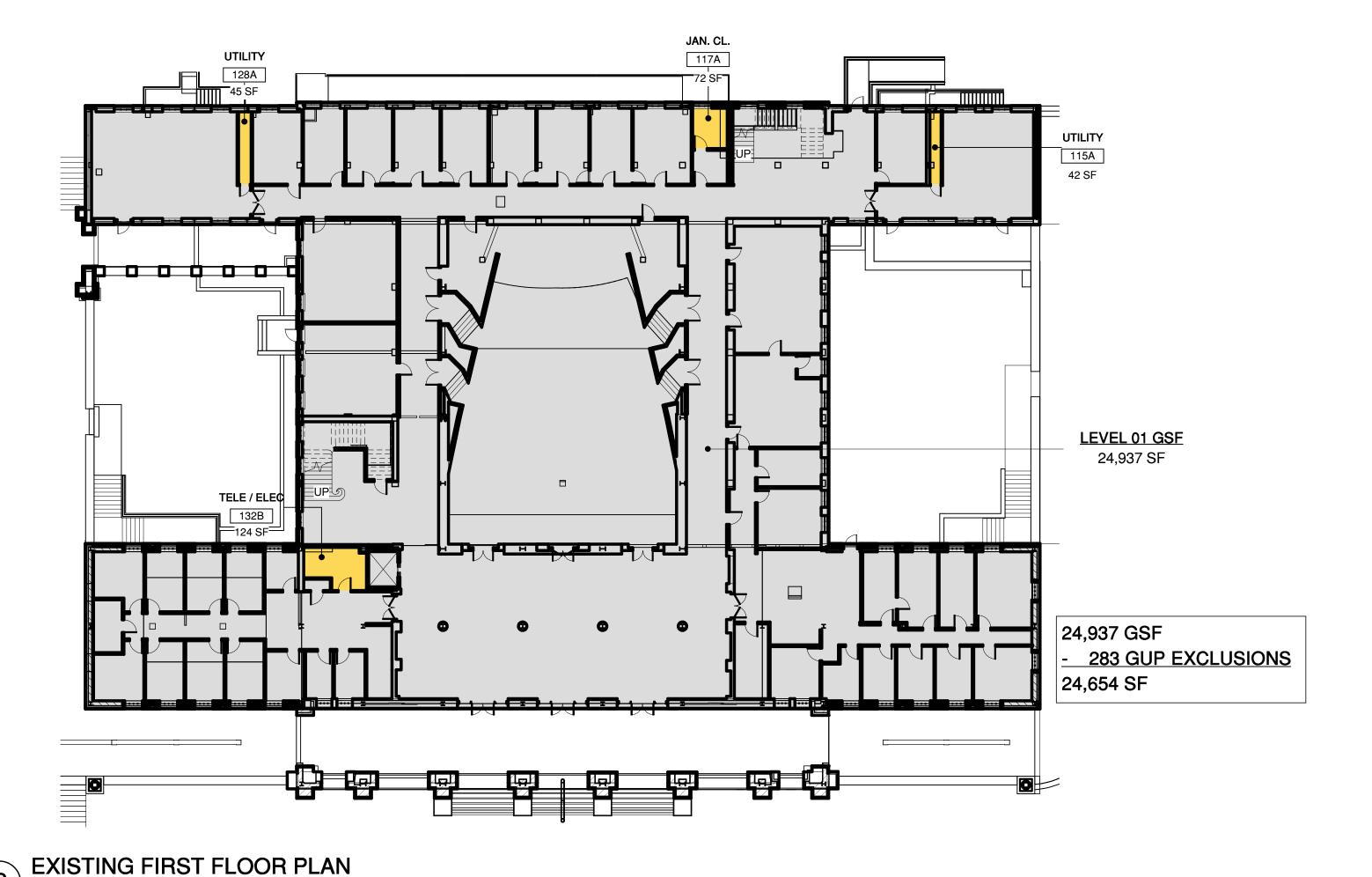
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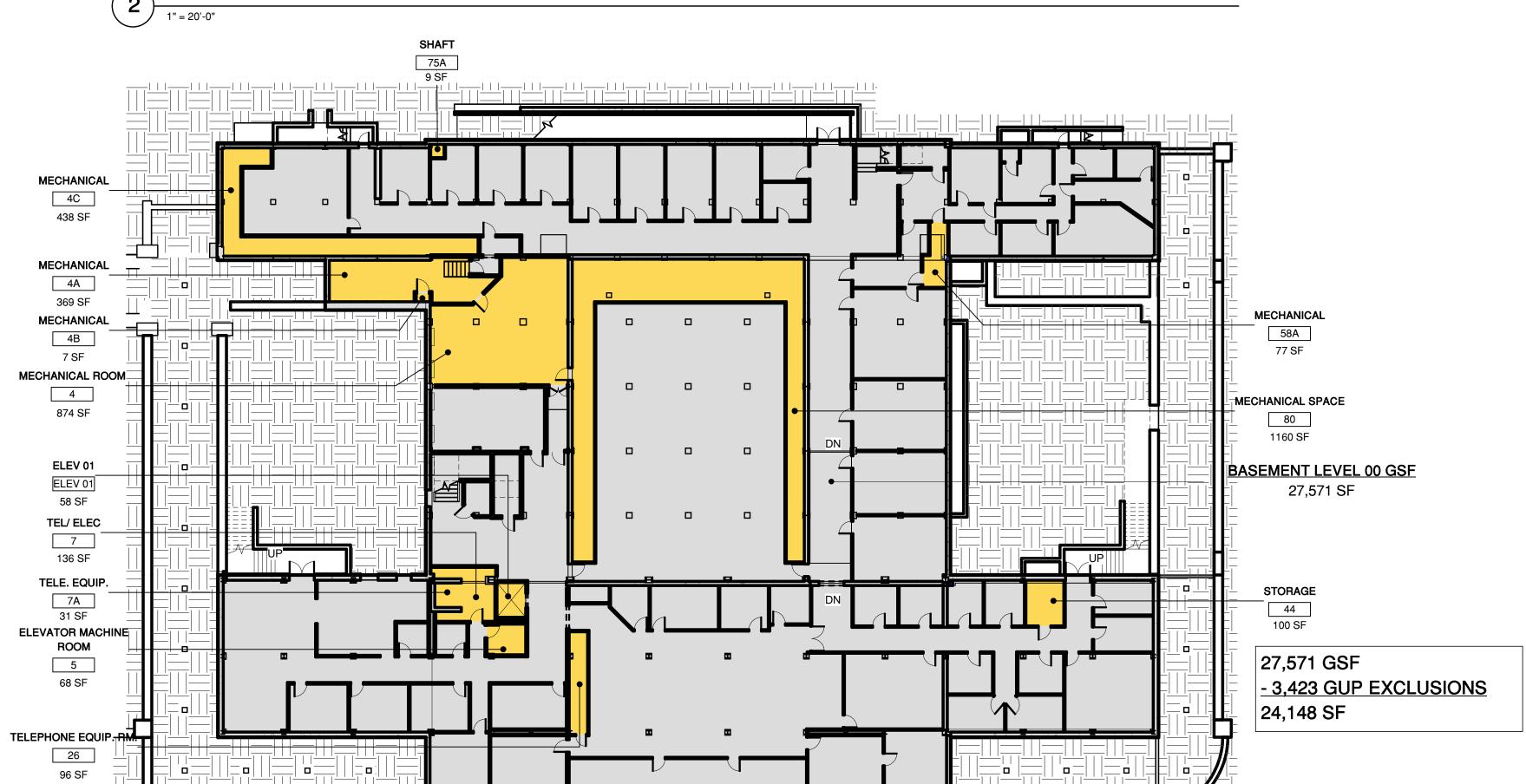
SITE ALIGNMENT

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





EXISTING BASEMENT PLAN

NORTH BUILDING - EXISTING

GUP PLAN COLOR LEGEND

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

88,184 SF

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

92,394 SF

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ASA RESUBMISSION	11/19/2021

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF **EDUCATION**

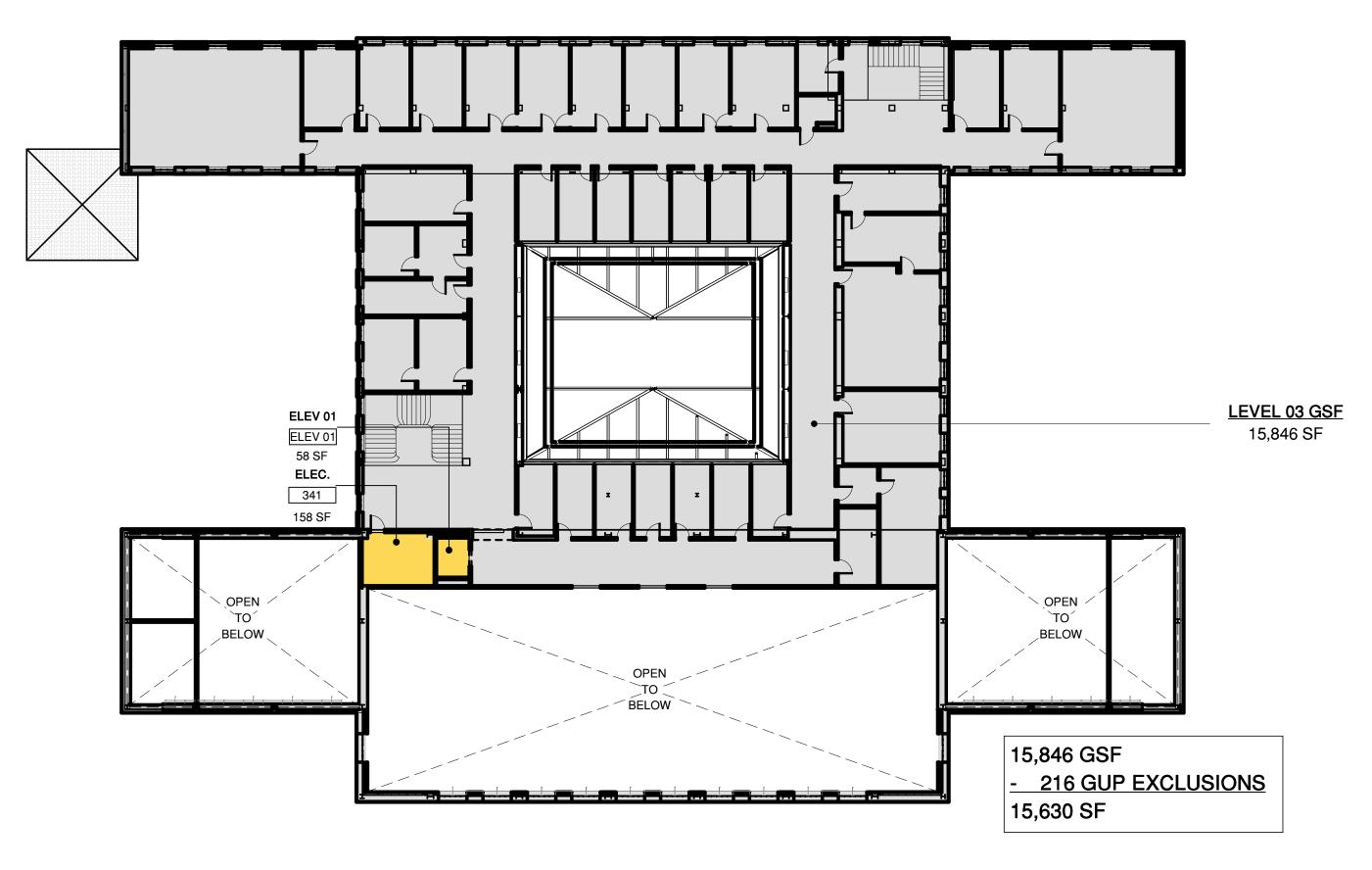
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SHEET TITLE

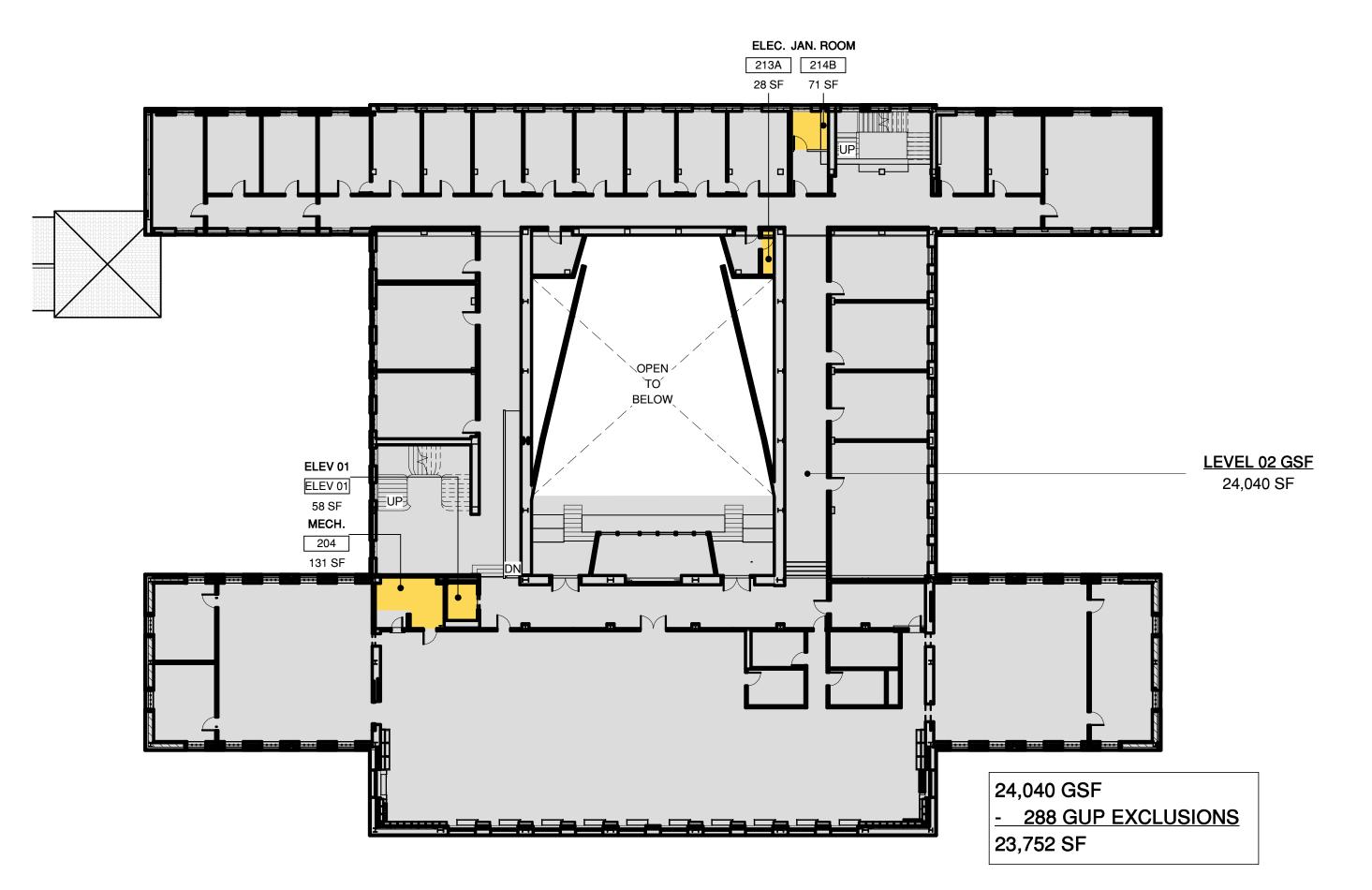
NB GUP ANALYSIS EXISTING

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



2 EXISTING THIRD FLOOR PLAN

1" = 20'-0"



NORTH BUILDING - EXISTING

GUP PLAN COLOR LEGEND

TOTAL

GUPGROSSTHIRD FLOOR15,630 SF15,846 SFSECOND FLOOR23,752 SF24,040 SFFIRST FLOOR24,654 SF24,937 SFBASEMENT24,148 SF27,571 SF

88,184 SF

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

92,394 SF

ARCHITECTS

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CONSULTANTS

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

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB GUP ANALYSIS
EXISTING

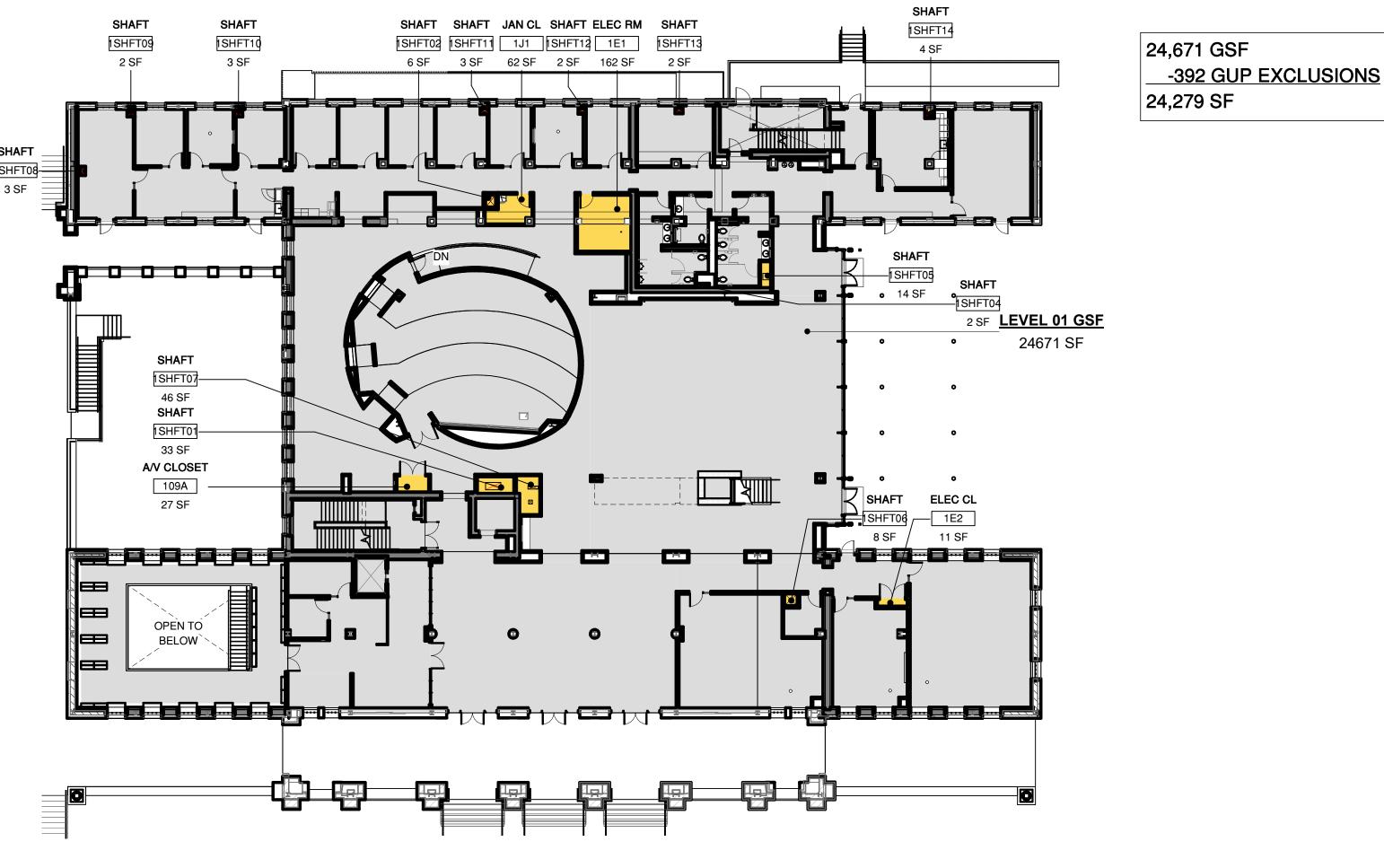
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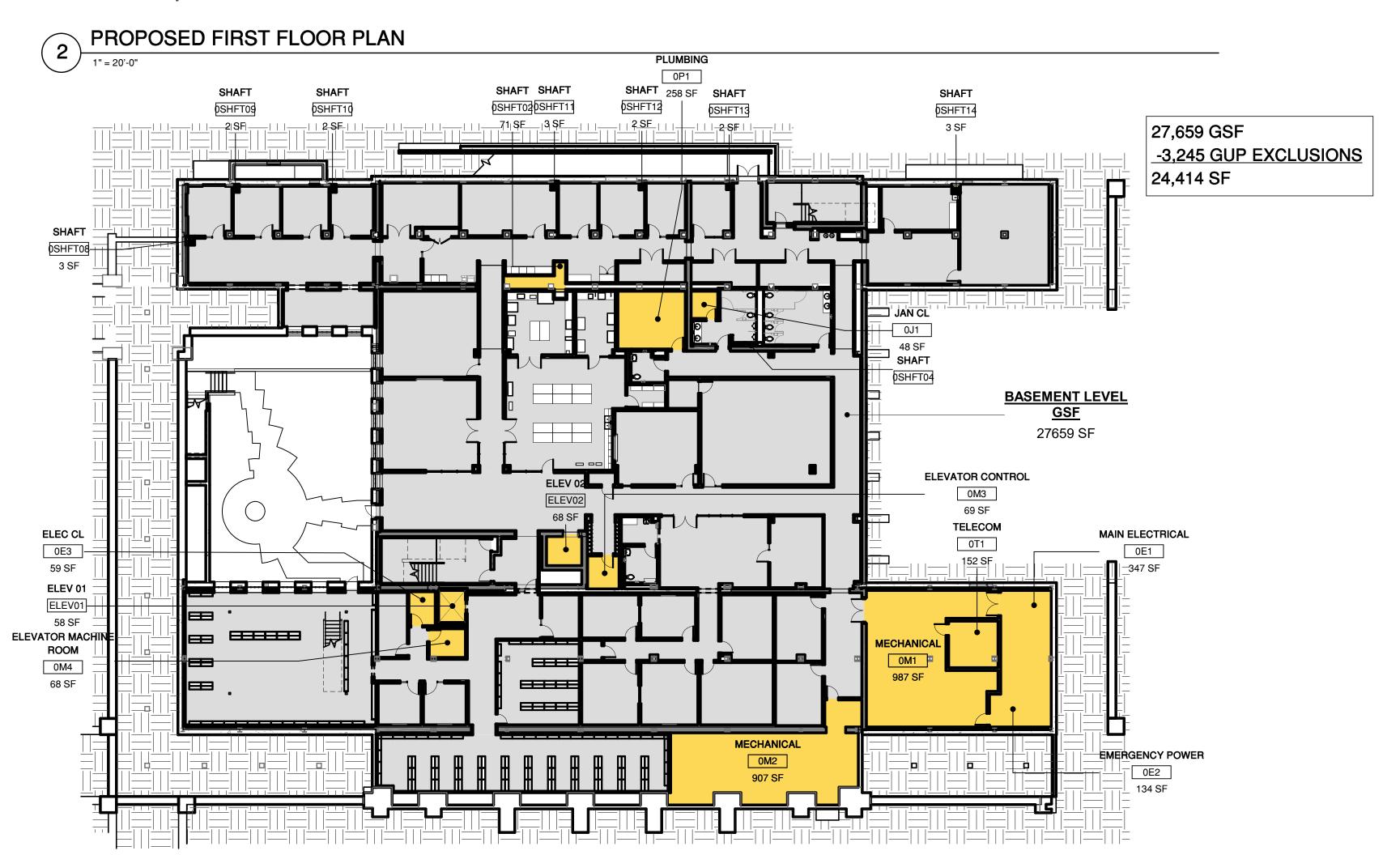
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NA0.2







PROPOSED BASEMENT PLAN

NORTH BUILDING - PROPOSED

GUP PLAN COLOR LEGEND

	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

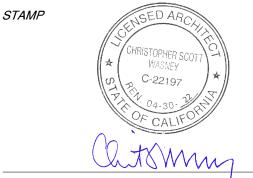
AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

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CONSULTANTS

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

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

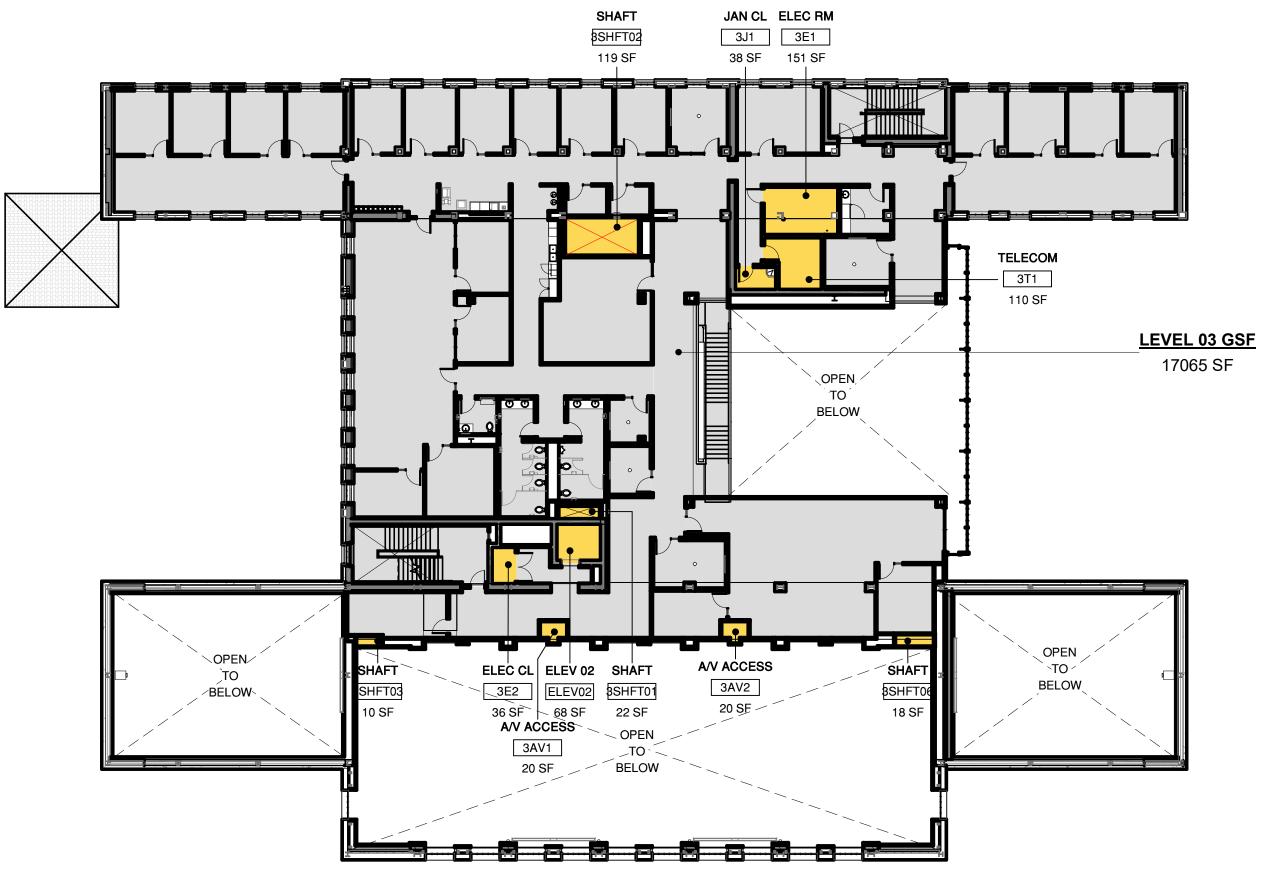
485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

NB GUP ANALYSIS PROPOSED

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17,065 GSF - 612 GUP EXCLUSIONS

16,453 SF

NORTH BUILDING - PROPOSED

GUP PLAN COLOR LEGEND

TOTAL

	GUP	GSF
THIRD FLOOR	16,453 SF	17,065 SI
SECOND FLOOR	24,526 SF	25,100 SI
FIRST FLOOR	24,279 SF	24,671 SI
BASEMENT	24,414 SF	27,659 SI

AREA INCLUDED IN GENERAL USE PERMIT GROSS SQUARE FOOTAGE

AREA EXCLUDED FROM GENERAL USE PERMIT GROSS SQUARE FOOTAGE

89,672 SF 94,495 SF

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MILESTONE	DATE
ASA SUBMISSION	12/07/2020
ASA RESUBMISSION	08/20/2021
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PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

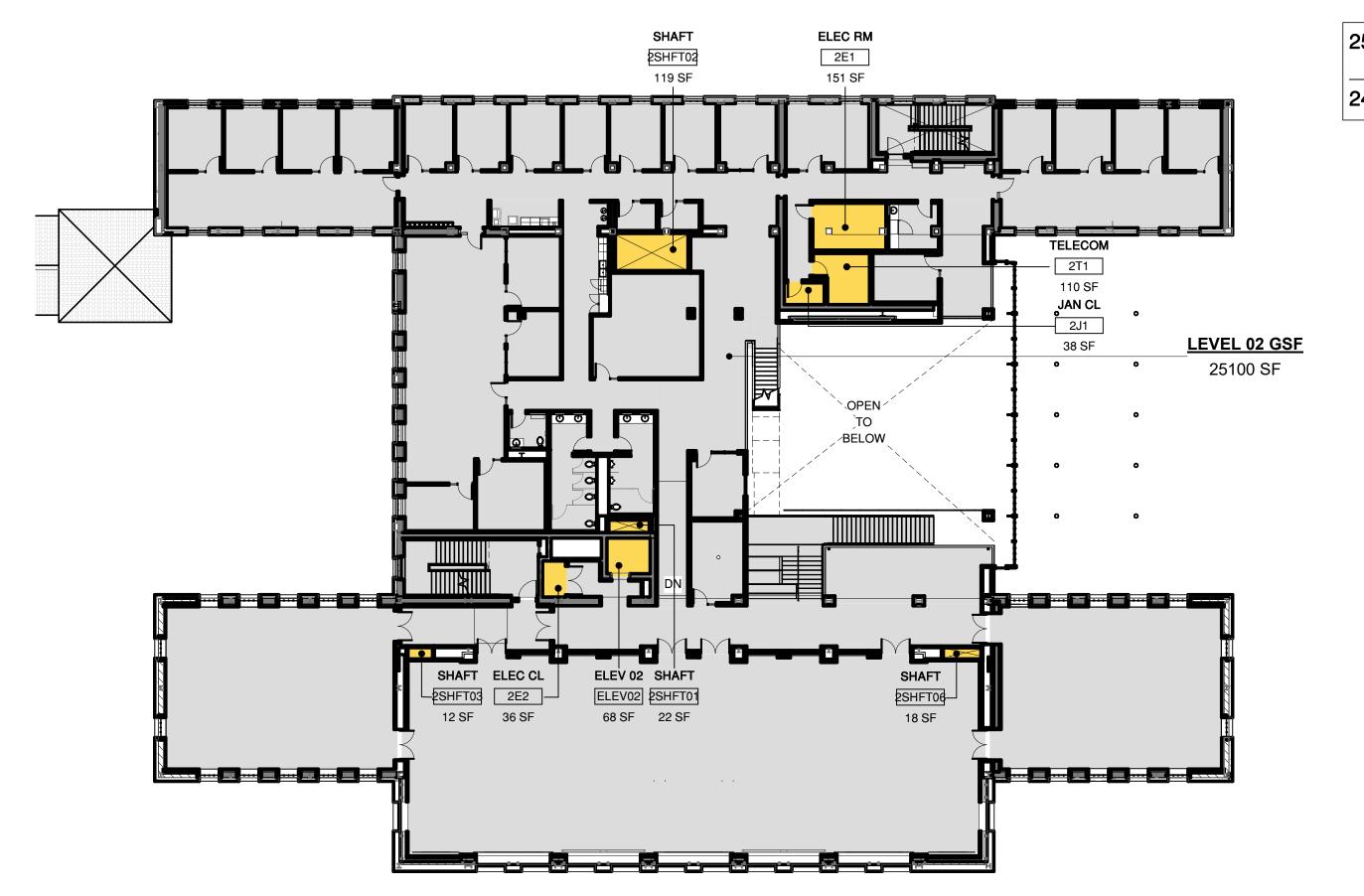
SHEET TITLE

NB GUP ANALYSIS PROPOSED

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

PROPOSED THIRD FLOOR PLAN

1" = 20'-0"

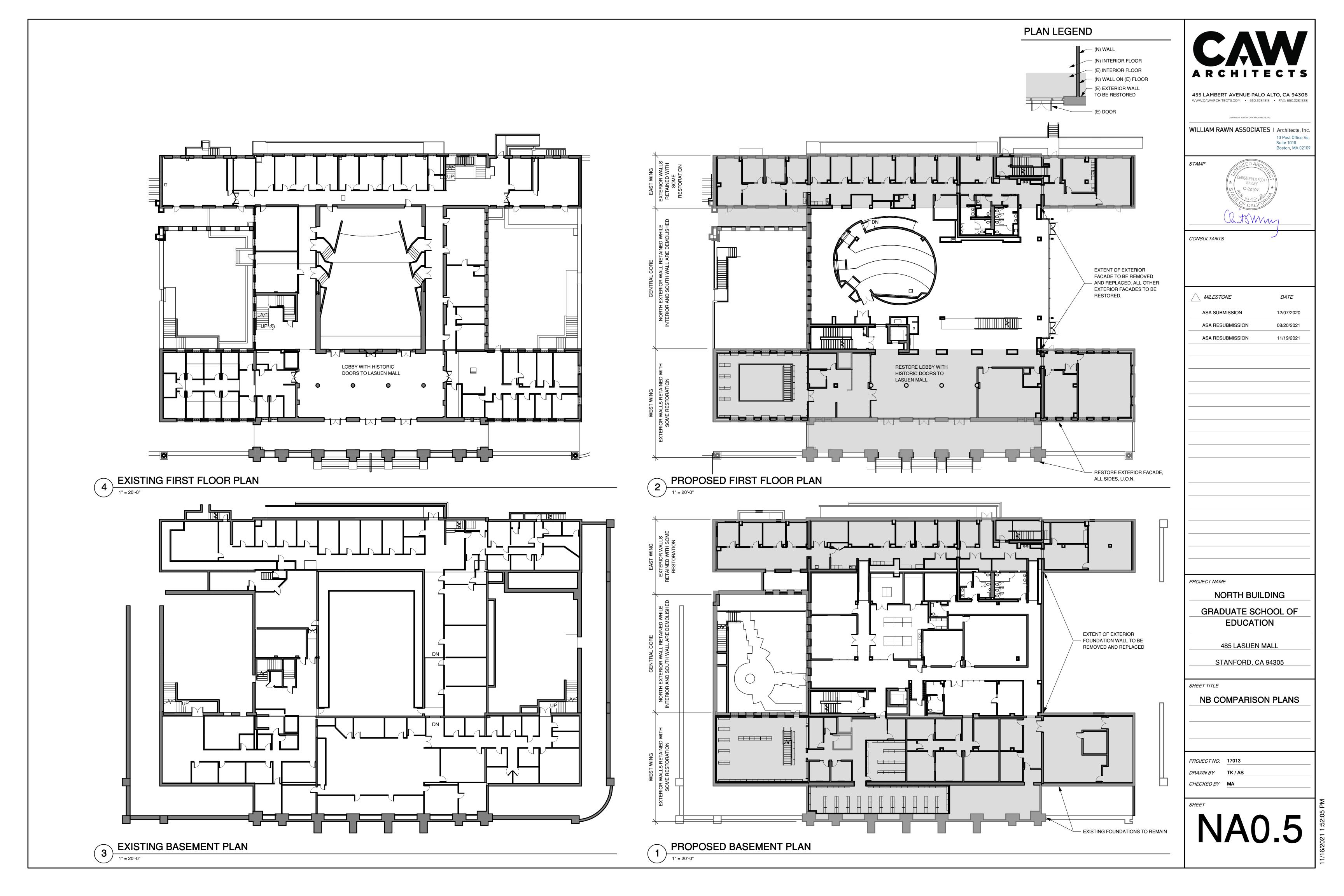


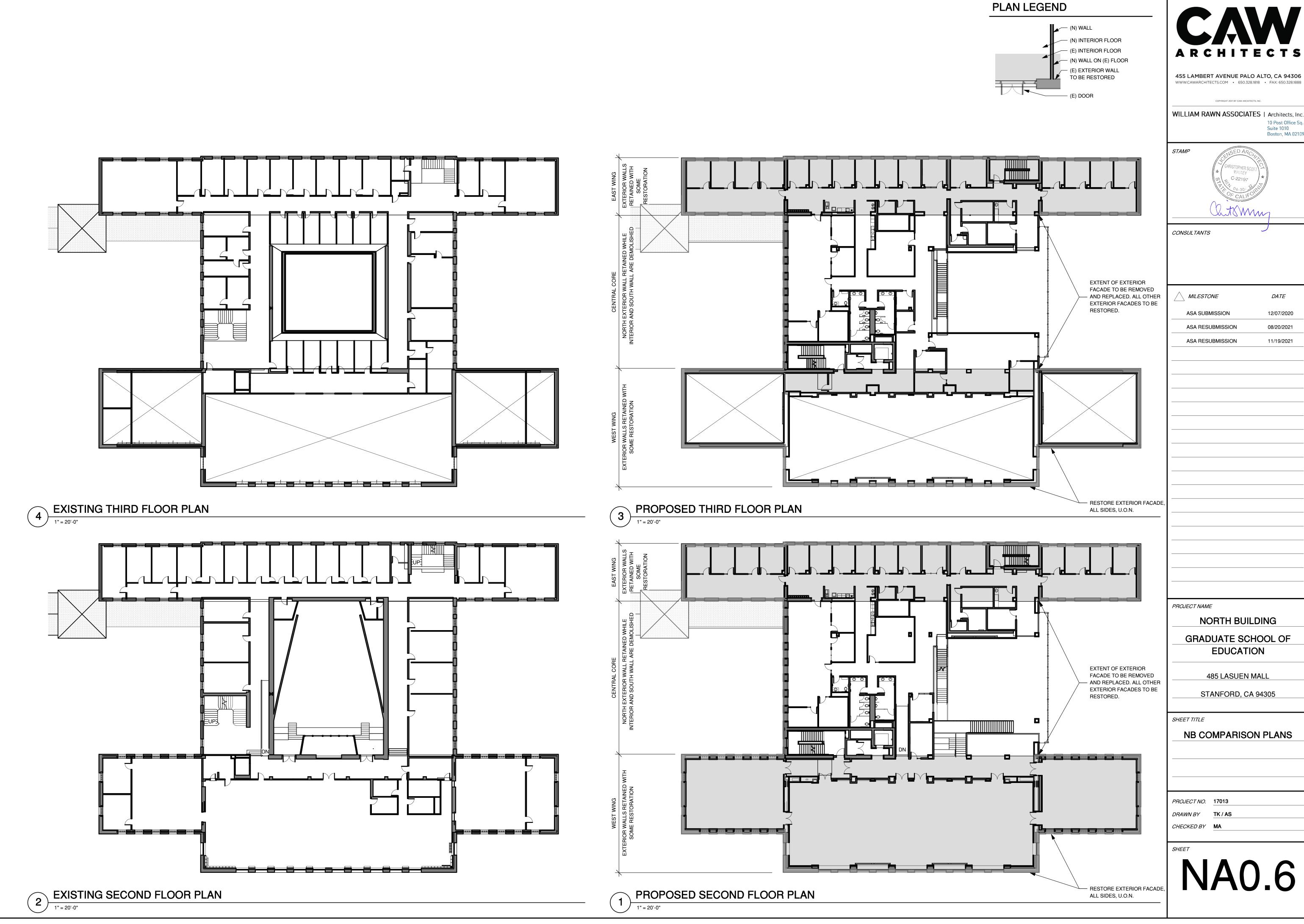
25,100 GSF

- 574 GUP EXCLUSIONS 24,526 SF

PROPOSED SECOND FLOOR PLAN

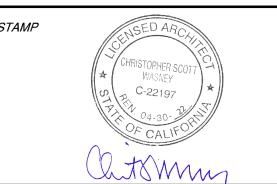




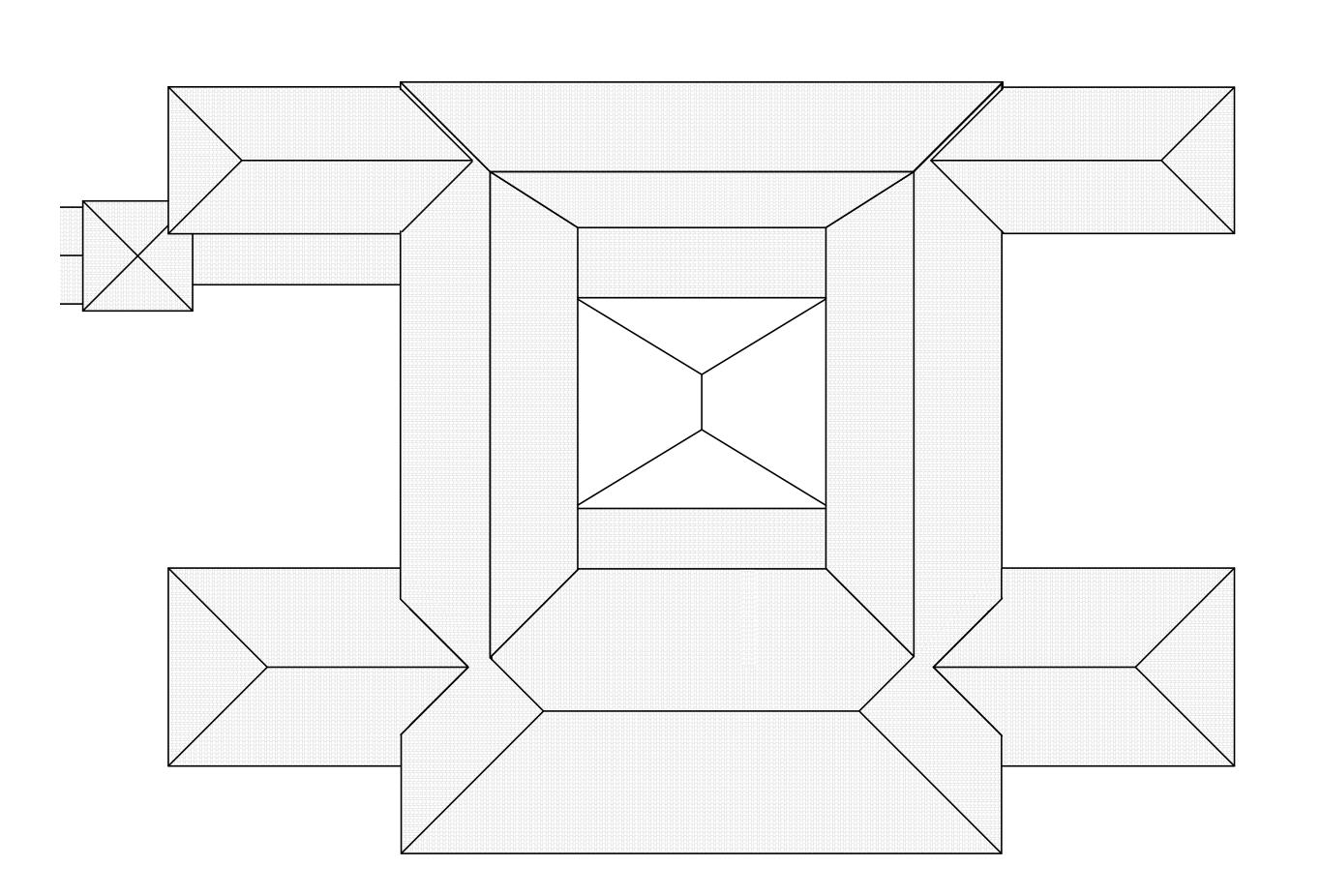


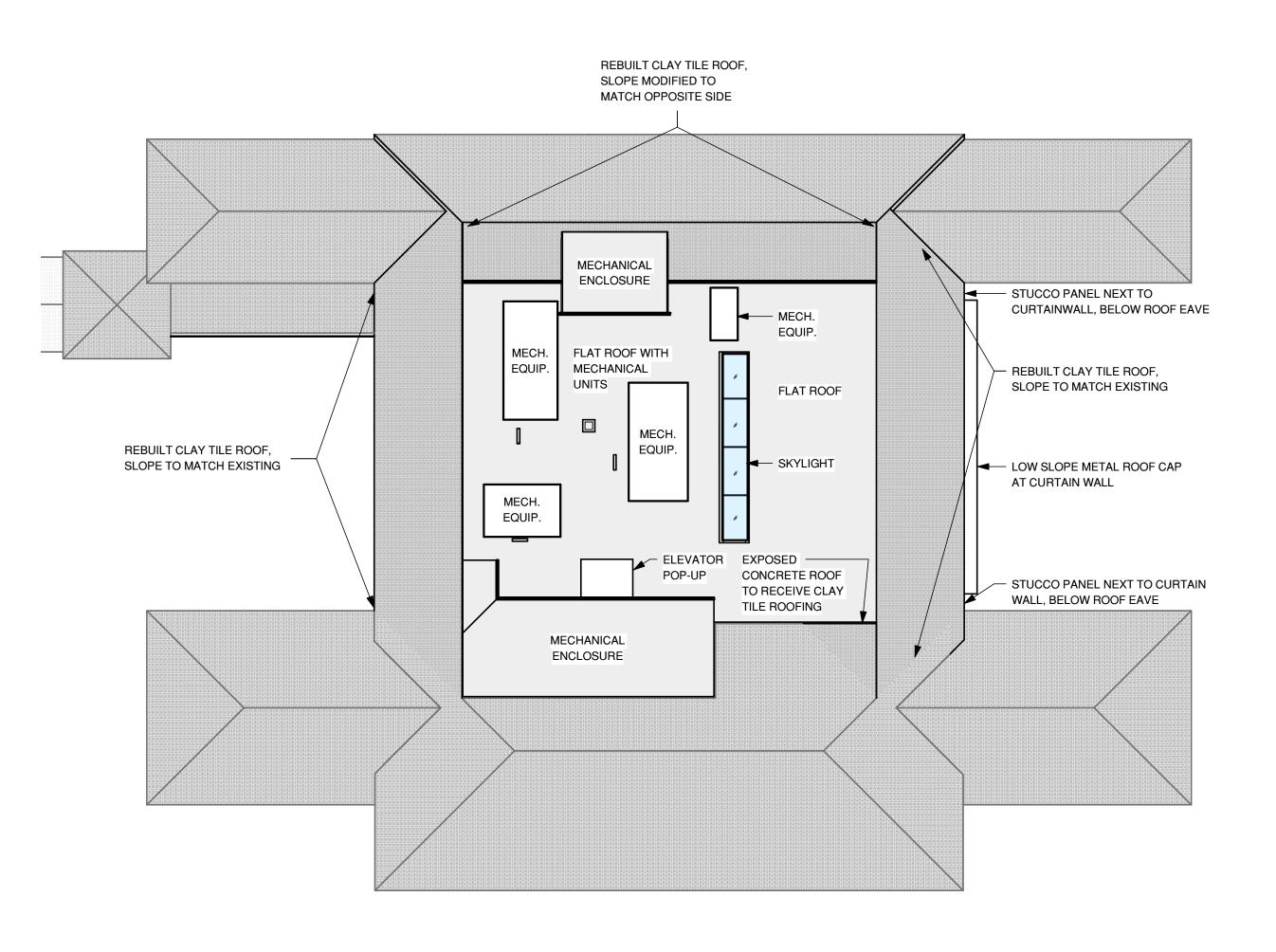
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EDUCATION

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SHEET TITLE

NB COMPARISON PLANS

PROJECT NO. 17013

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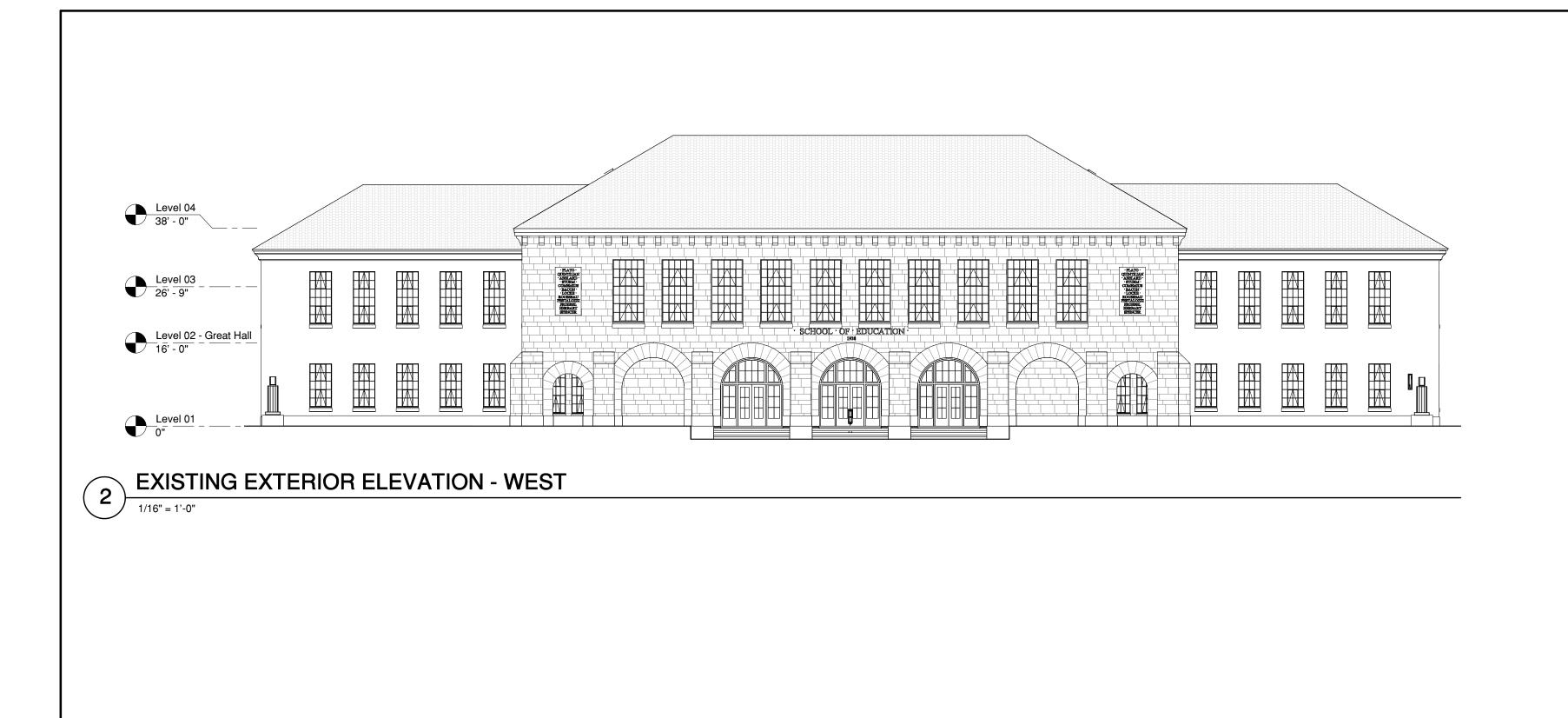
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2 EXISTING ROOF PLAN

1" = 20'-0"

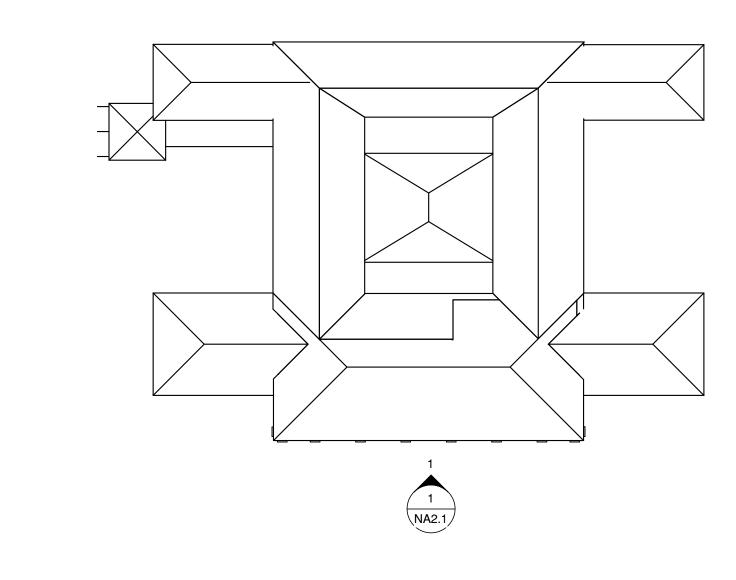
PROPOSED ROOF PLAN

1" = 20'-0"



EXTERIOR ELEVATION - WEST

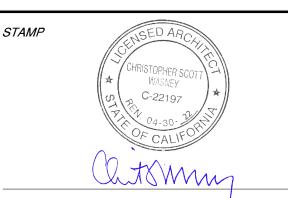
1/8" = 1'-0"



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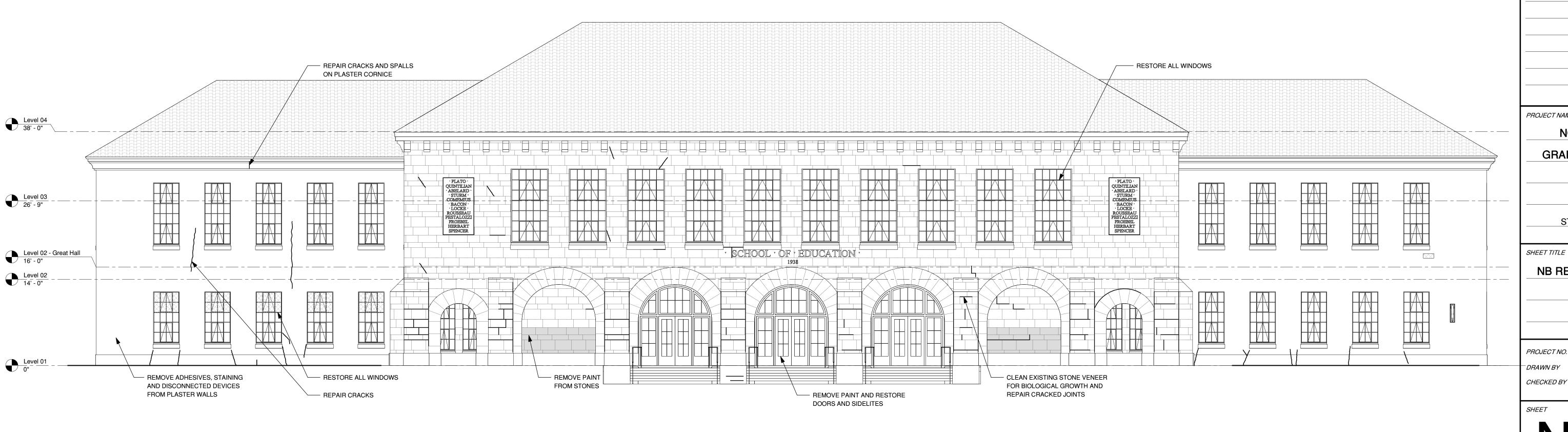
PROJECT NAME NORTH BUILDING

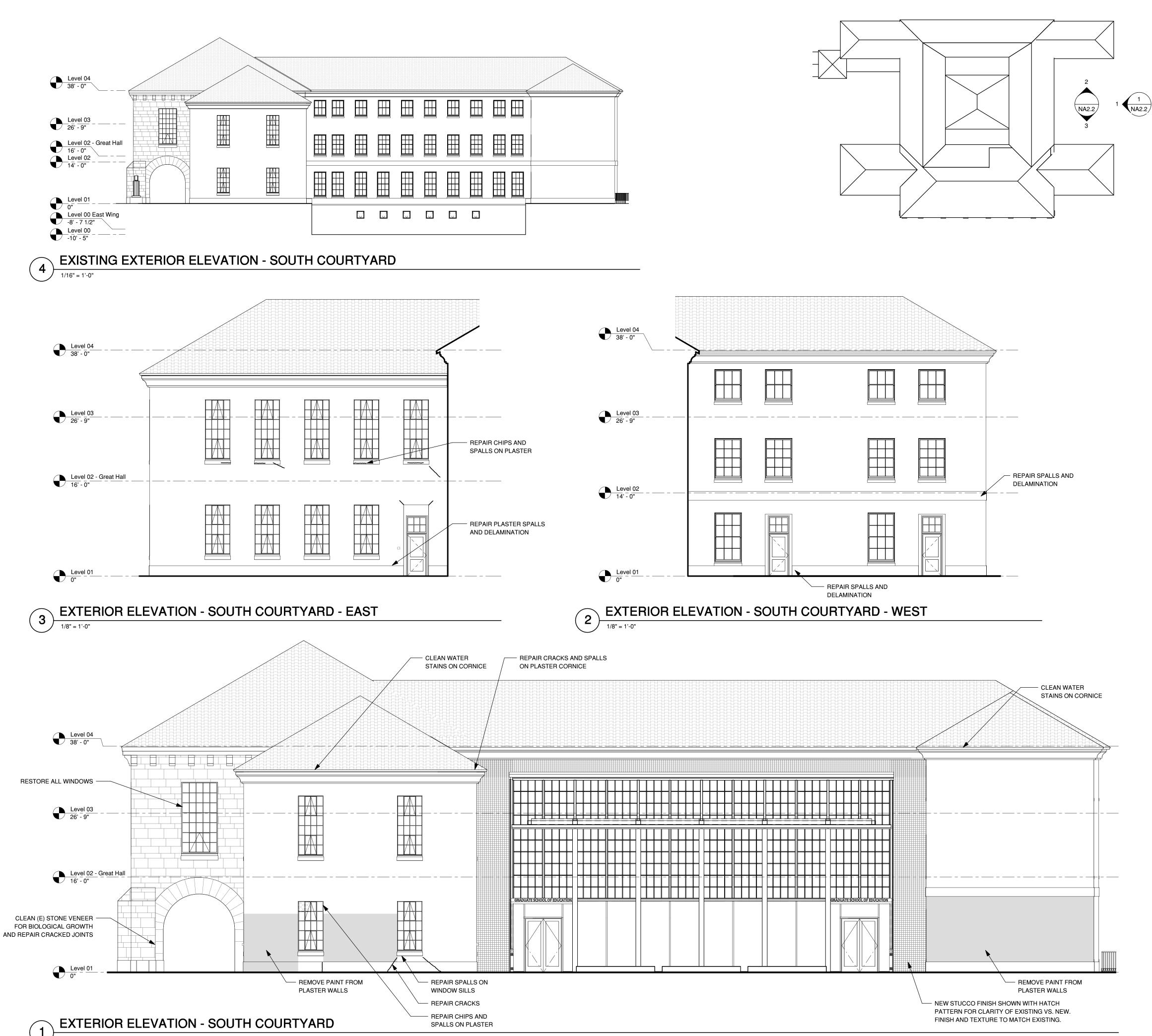
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NB RESTORATION - WEST ELEVATION

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NB RESTORATION - SOUTH ELEVATION

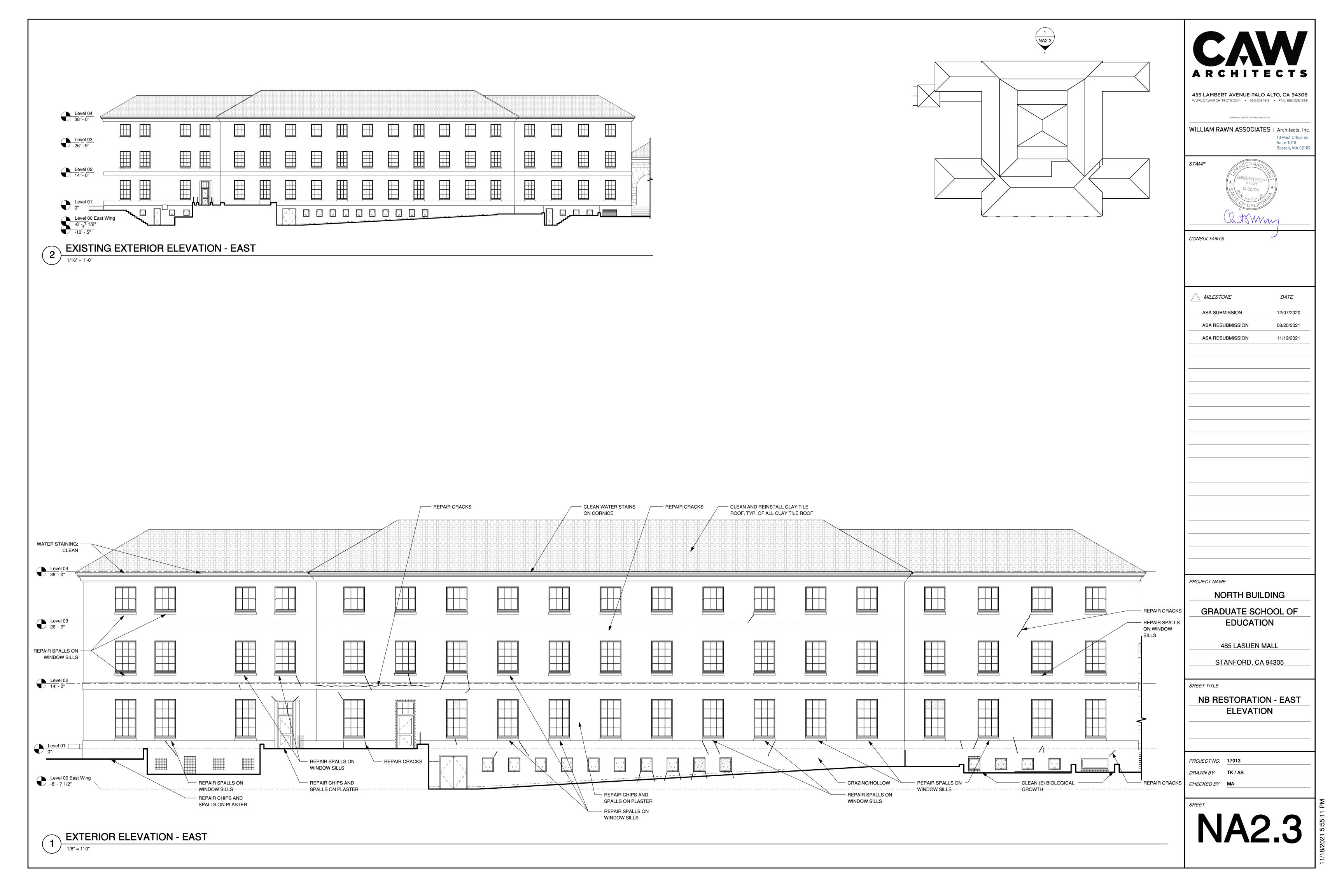
PROJECT NO. 17013

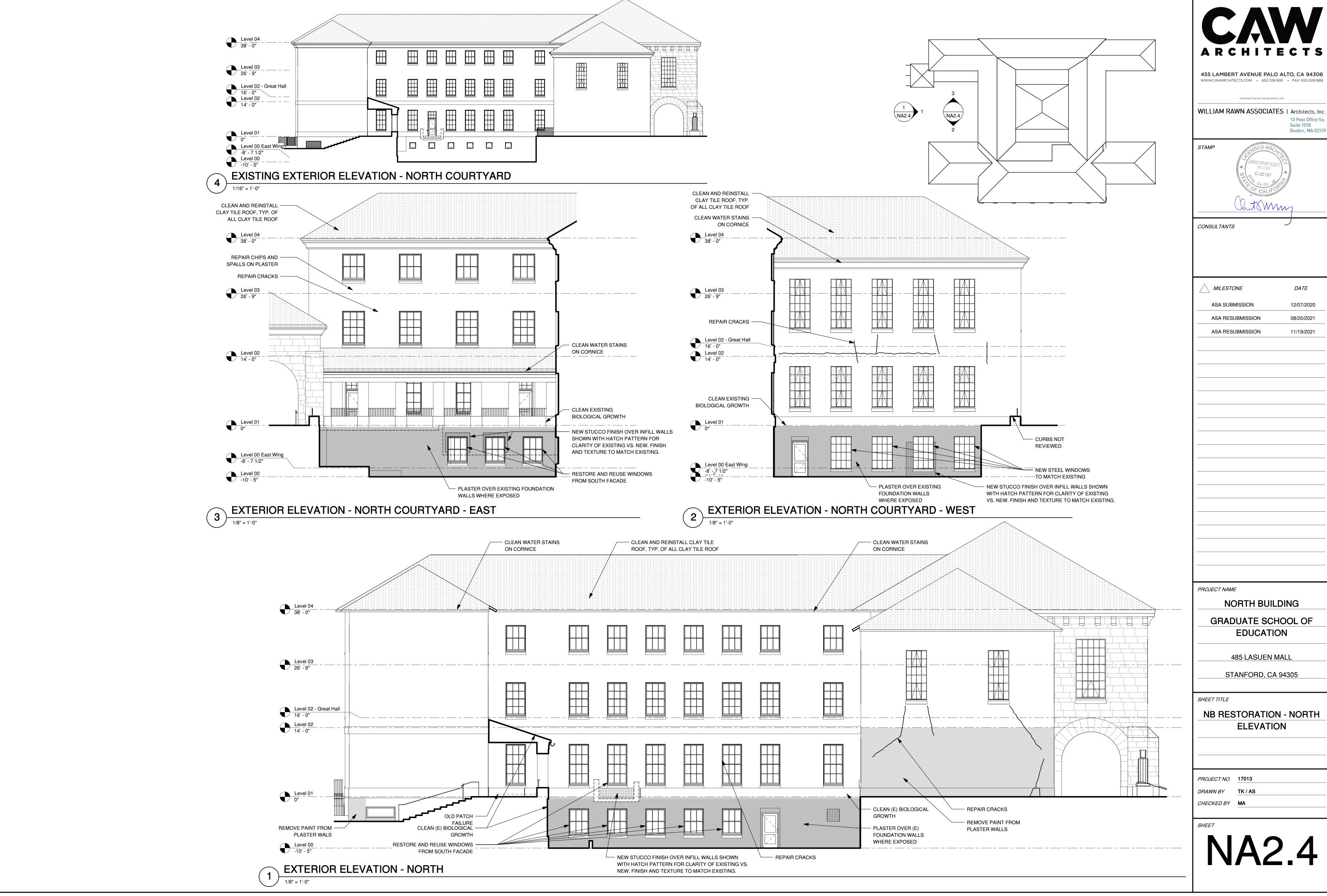
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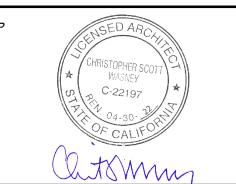
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NB RESTORATION - NORTH

BARNUM FAMILY CENTER

	GUP	GROSS
SECOND FLOOR	2,076 SF	2,150 GSF
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)

	GUP	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

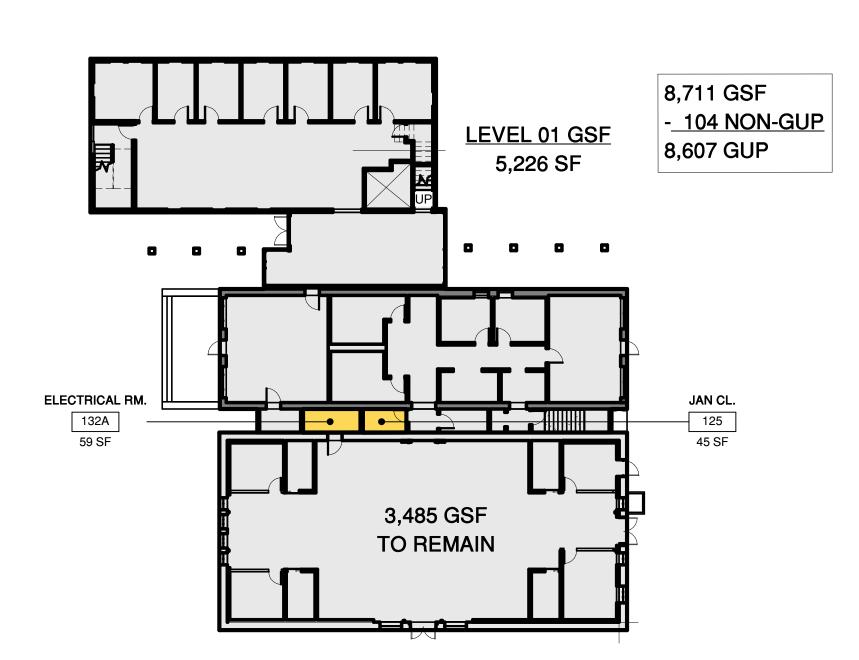
BARNUM FAMILY CENTER (PORTION TO REMAIN)

	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 ELEVATOR

SECOND FLOOR PLAN - EXISTING BARNUM

1" = 20'-0"



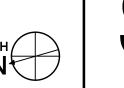
453 GSF - 453 NON-GUP 0 GUP



PIRST FLOOR PLAN - EXISTING BARNUM

1" = 20'-0"

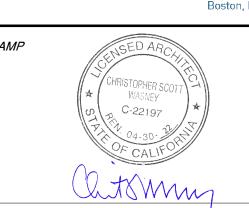
BASEMENT - EXISTING BARNUM



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PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF **EDUCATION**

505 & 507 LASUEN MALL

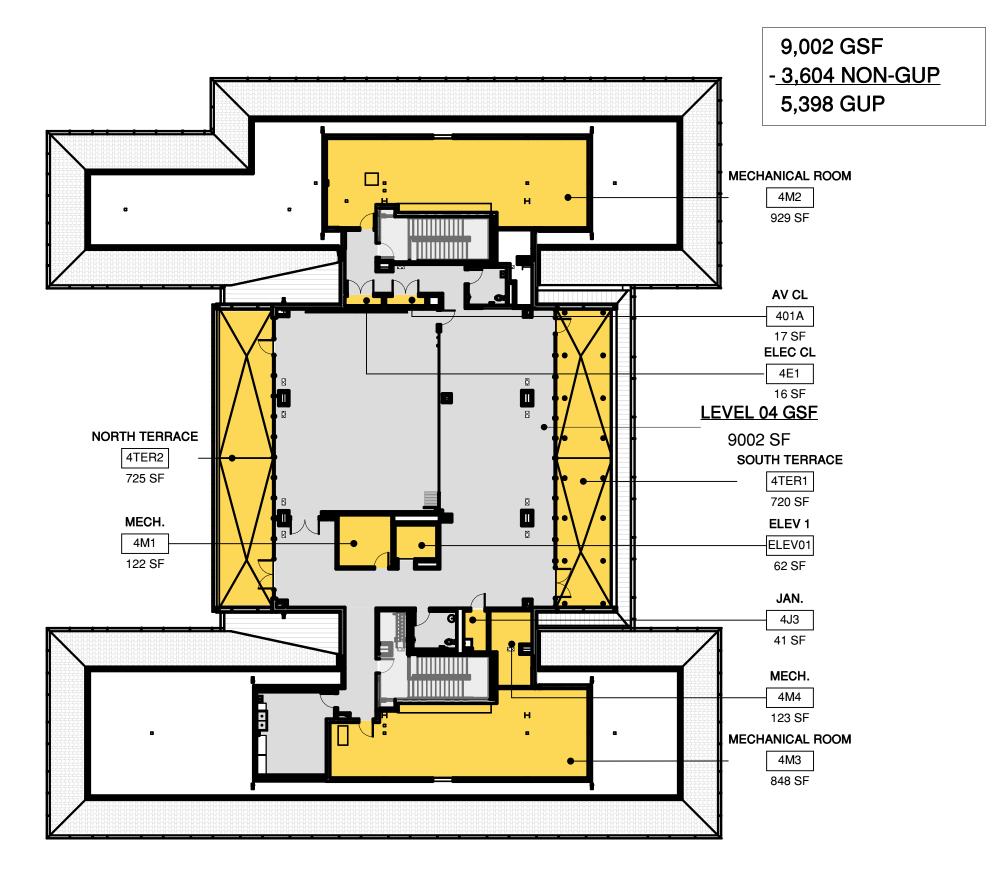
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SHEET TITLE

BARNUM GUP ANALYSIS -EXISTING

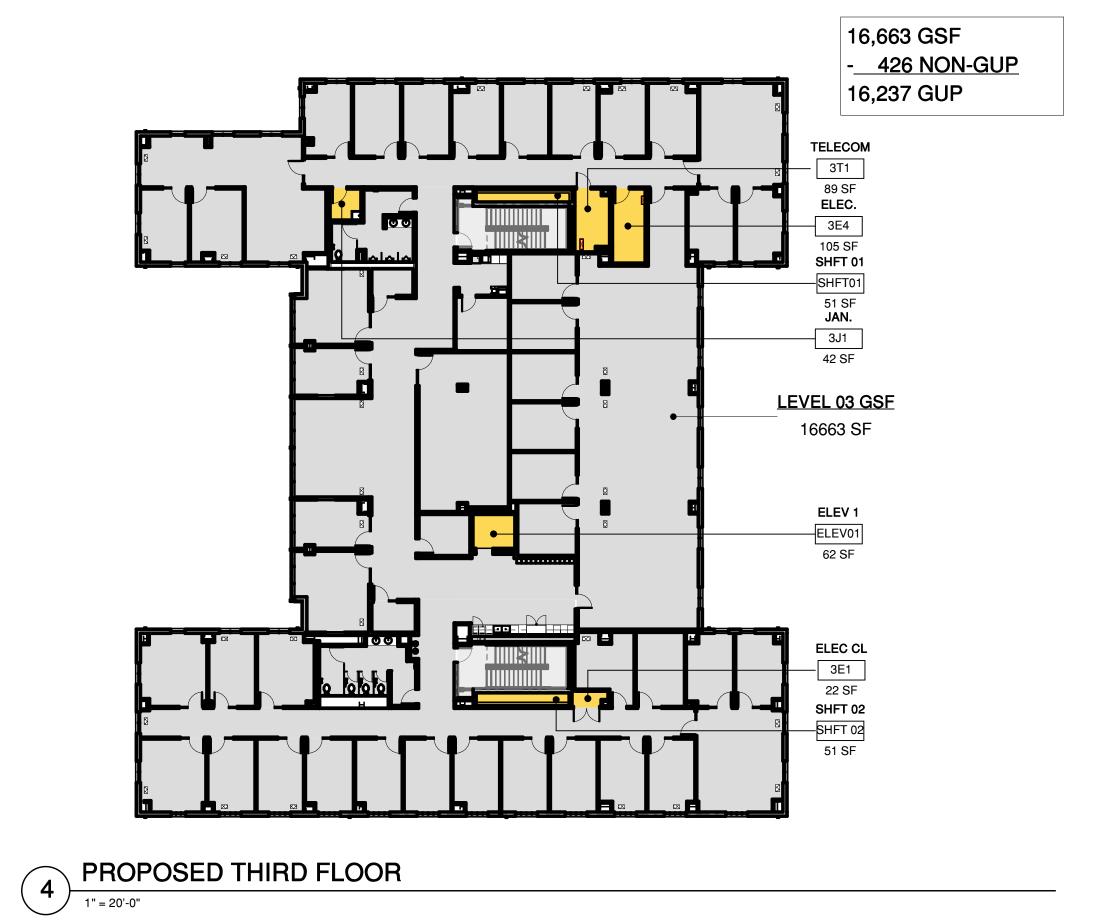
PROJECT NO. **17013** DRAWN BY TK / AE CHECKED BY MG / MA

TRUE NORTH



PROPOSED FOURTH FLOOR

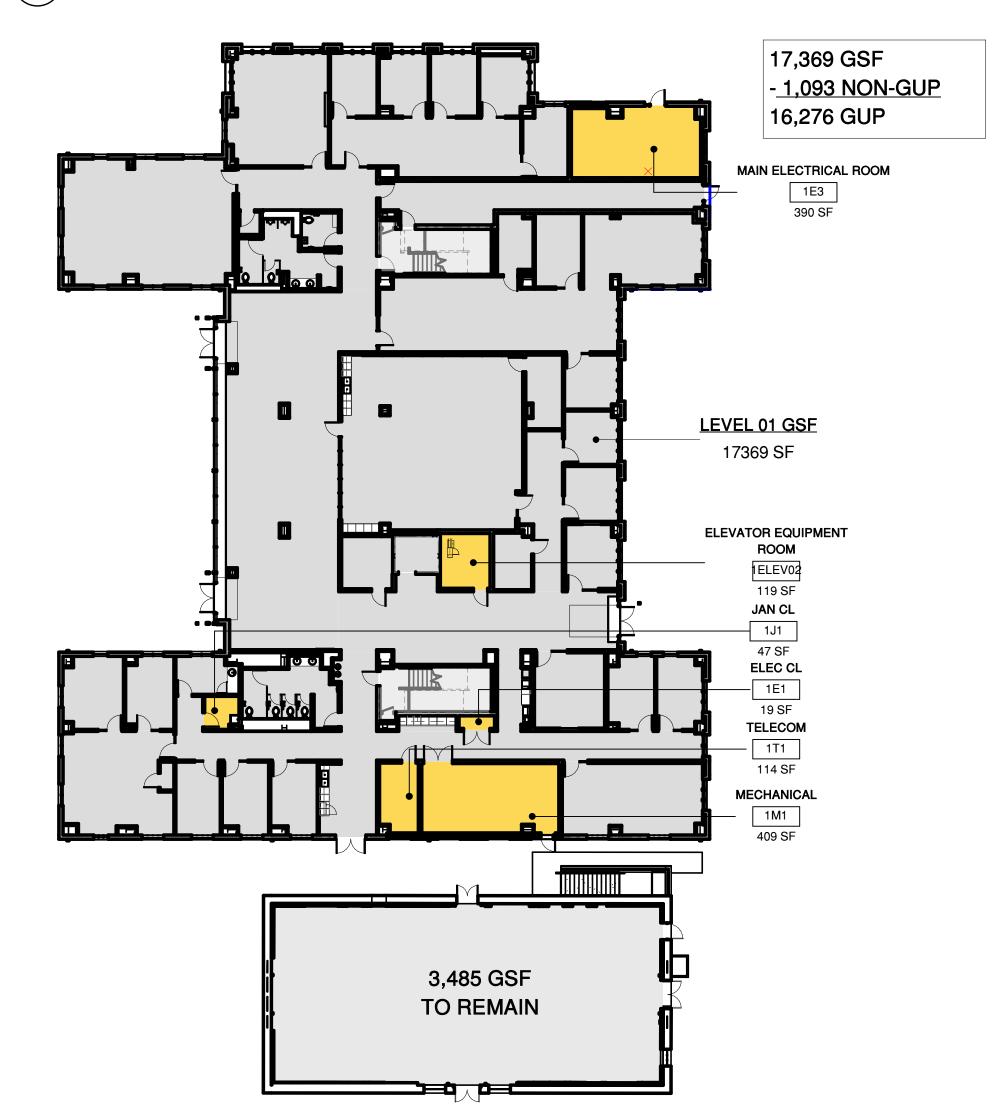
1" = 20'-0"



17,018 GSF 2TER 663 SF - 1,088 NON-GUP 15,930 GUP TELECOM - 2T1 88 SF ELEC. ____2E4 103 SF SHFT 01 -SHFT01 LEVEL 02 GSF 17018 SF BELOW ELEV 1 ELEV01 62 SF 2J1 46 SF ELEC CL _ 2E1 22 SF SHFT 02 —SHFT02 51 SF

EAST TERRACE

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

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

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SB AND BARNUM GUP ANALYSIS - PROPOSED

PROJECT NO. 17013 DRAWN BY TK / AE

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SA0.2

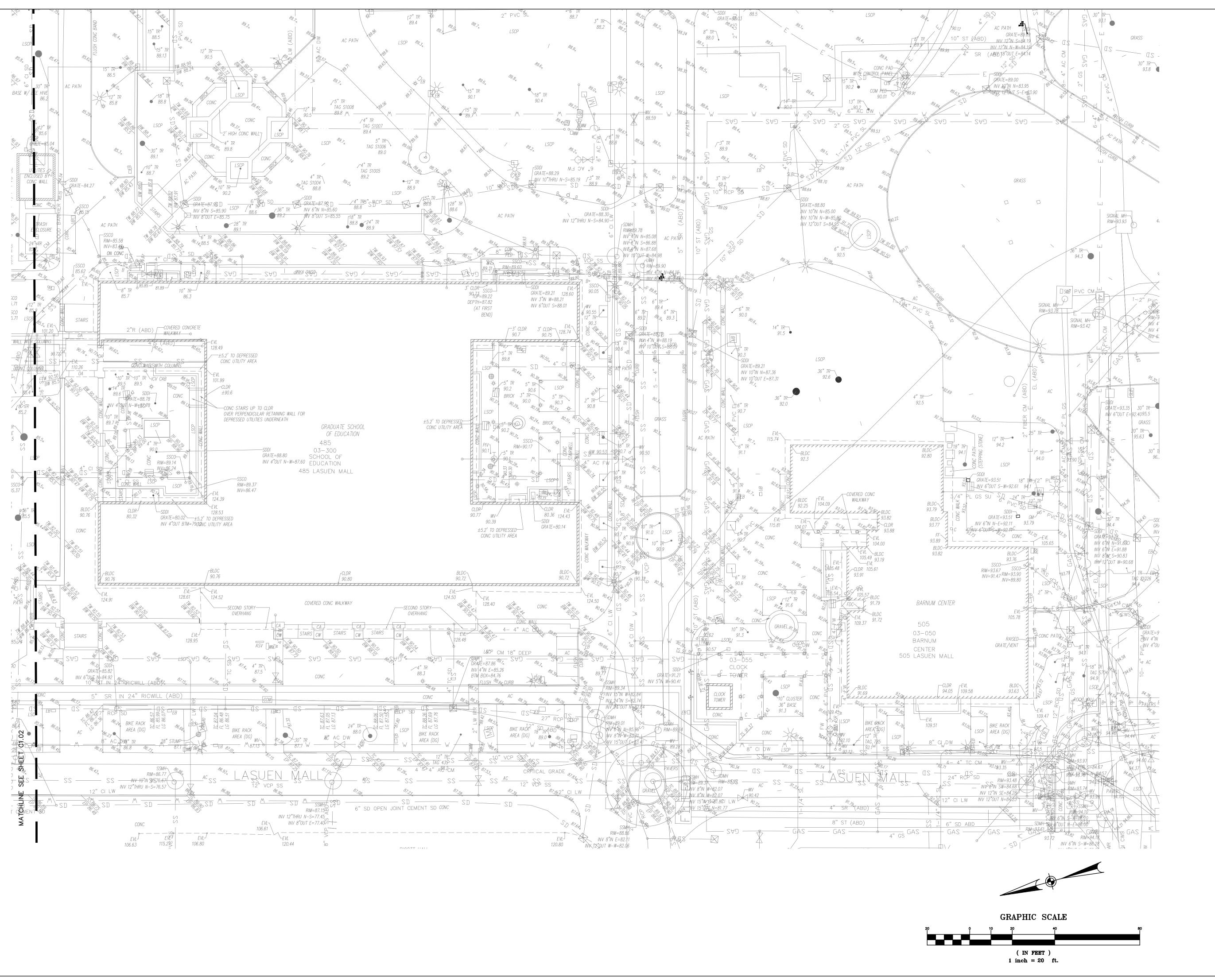
PROPOSED FIRST FLOOR



453 GSF

TO REMAIN







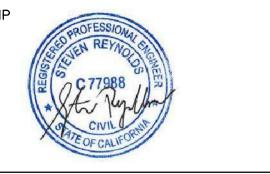
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SHEET TITLE

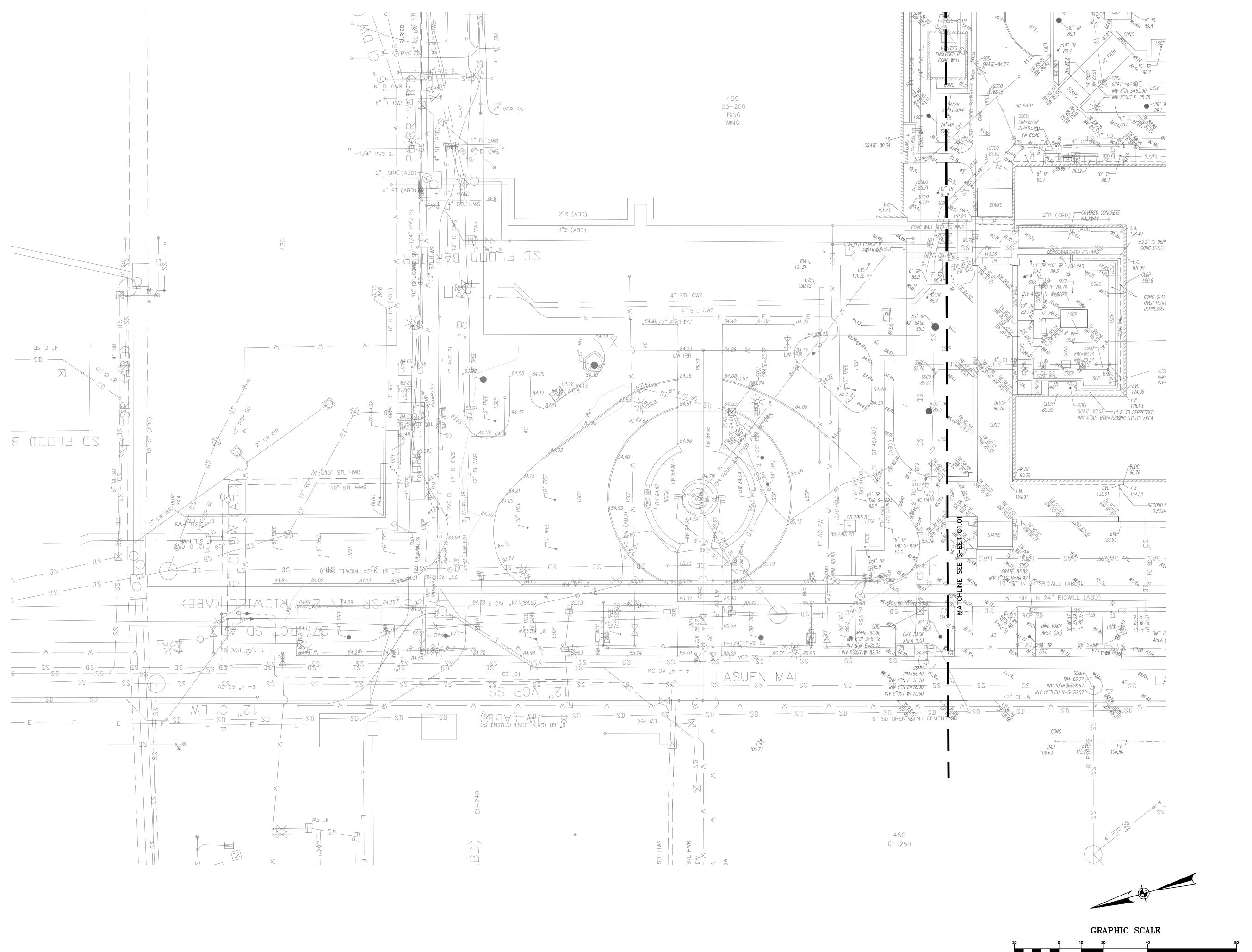
EXISTING CONDITIONS

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SHEET TITLE

EXISTING CONDITIONS

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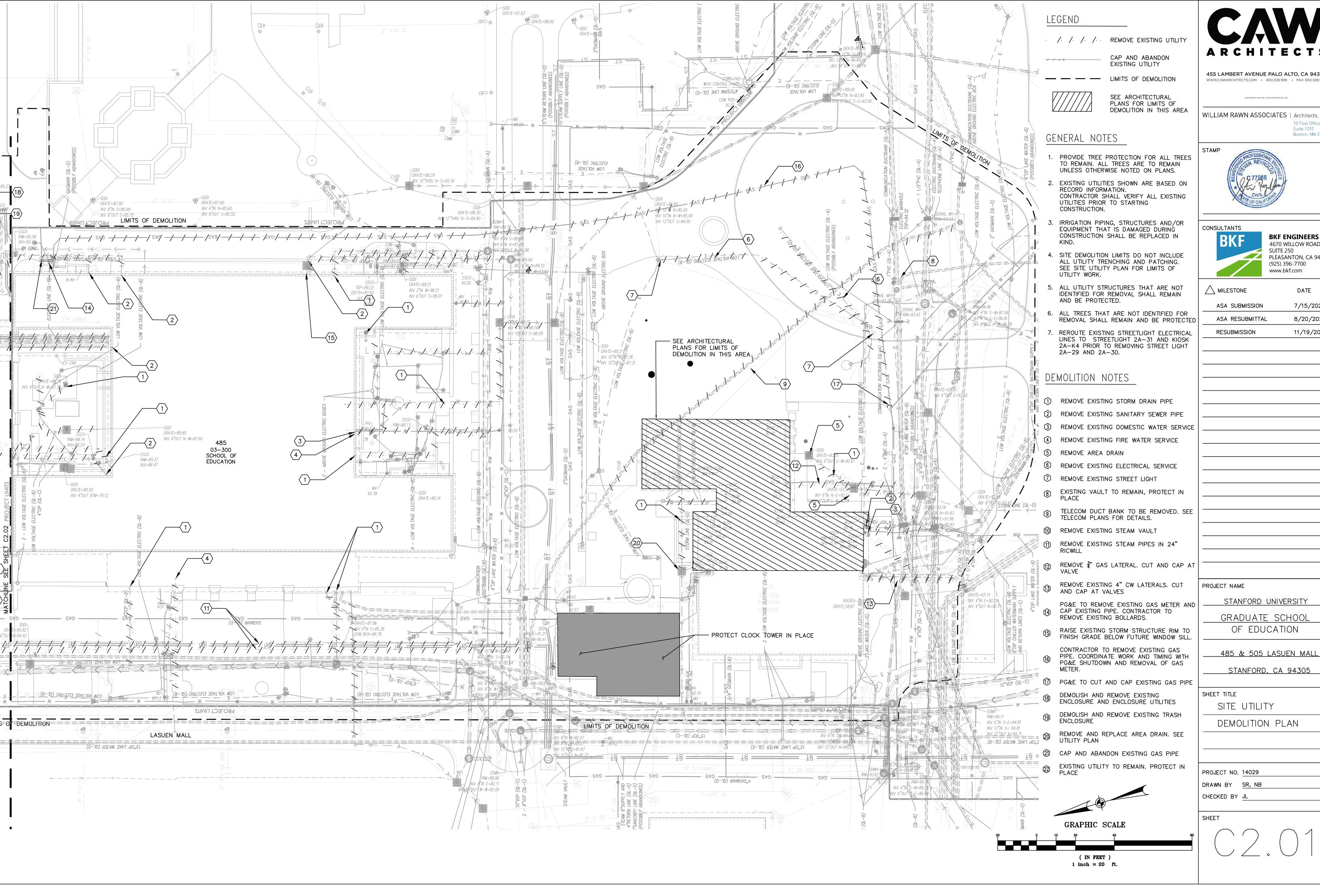
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(IN FEET) 1 inch = 20 ft.

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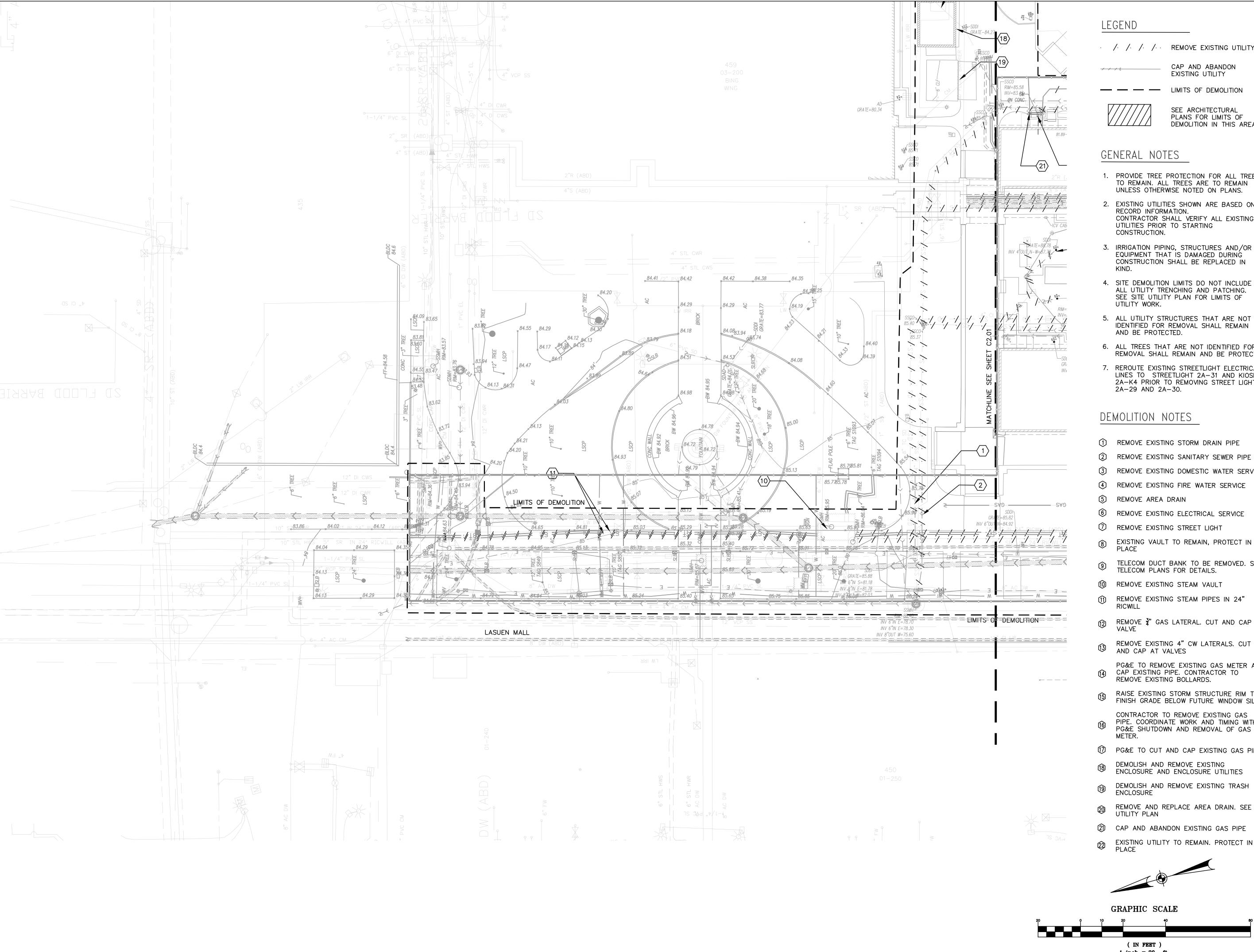
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· /· /· /· REMOVE EXISTING UTILITY

CAP AND ABANDON EXISTING UTILITY

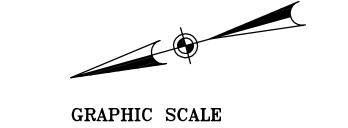
LIMITS OF DEMOLITION

SEE ARCHITECTURAL PLANS FOR LIMITS OF DEMOLITION IN THIS AREA

- 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 CONSTRUCTION.
- 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
- 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.
- (10) 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
- PG&E TO REMOVE EXISTING GAS METER AND CAP EXISTING PIPE. CONTRACTOR TO REMOVE EXISTING BOLLARDS.
- 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
- DEMOLISH AND REMOVE EXISTING ENCLOSURE AND ENCLOSURE UTILITIES
- DEMOLISH AND REMOVE EXISTING TRASH
- REMOVE AND REPLACE AREA DRAIN. SEE UTILITY PLAN
- (2) CAP AND ABANDON EXISTING GAS PIPE
- EXISTING UTILITY TO REMAIN. PROTECT IN PLACE



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



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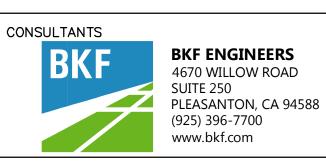
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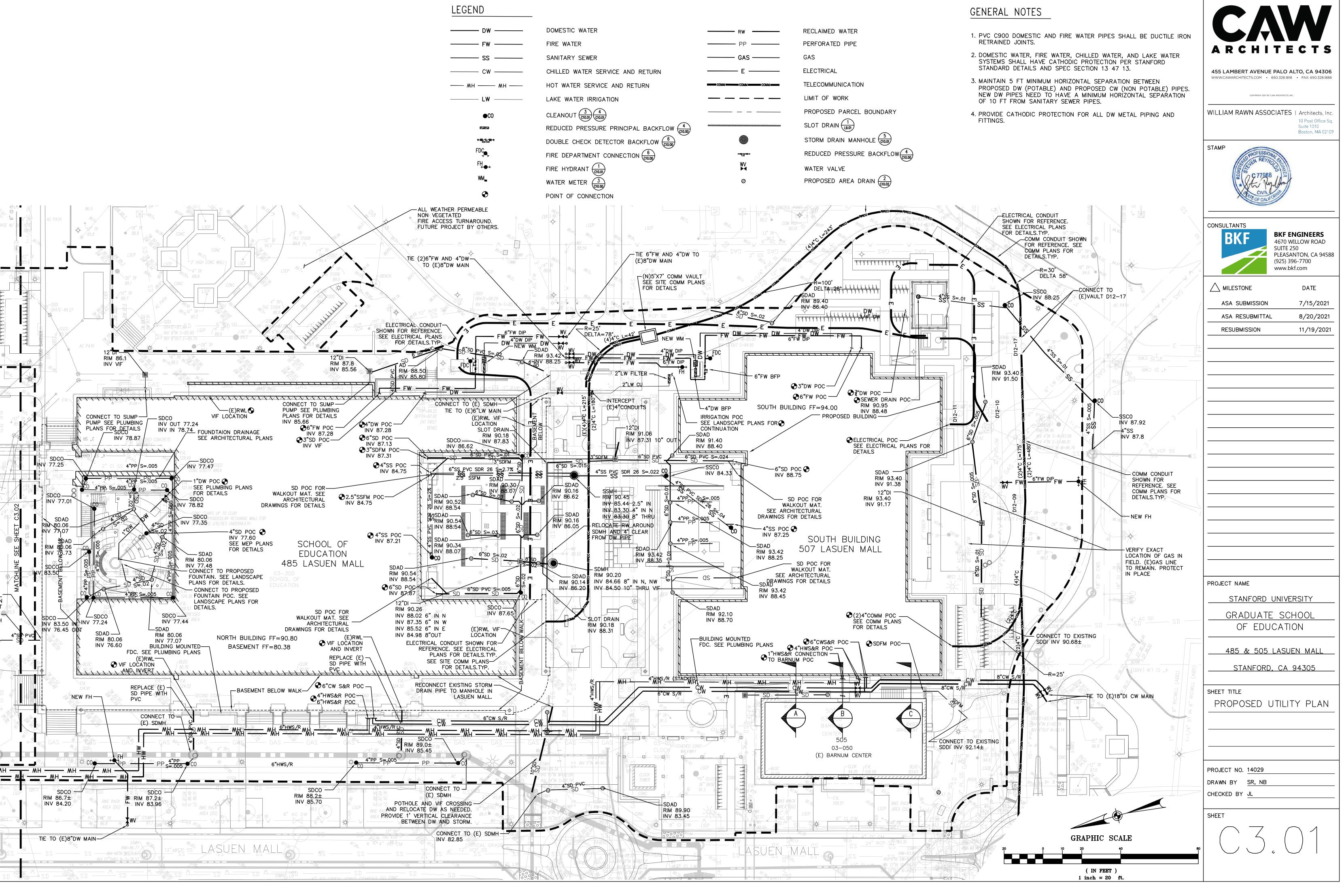
SITE UTILITY

DEMOLITION PLAN

PROJECT NO. 14029 DRAWN BY SR, NB

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GENERAL NOTES DOMESTIC WATER RECLAIMED WATER 1. PVC C900 DOMESTIC AND FIRE WATER PIPES SHALL BE DUCTILE IRON RETRAINED JOINTS. FIRE WATER PERFORATED PIPE 2. DOMESTIC WATER, FIRE WATER, CHILLED WATER, AND LAKE WATER 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 Rs. 17 2 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 DIRECT SDCO 7 RIM 86.7± (IN FEET) $1 \quad \text{inch} = 20 \quad \text{ft.}$

LEGEND

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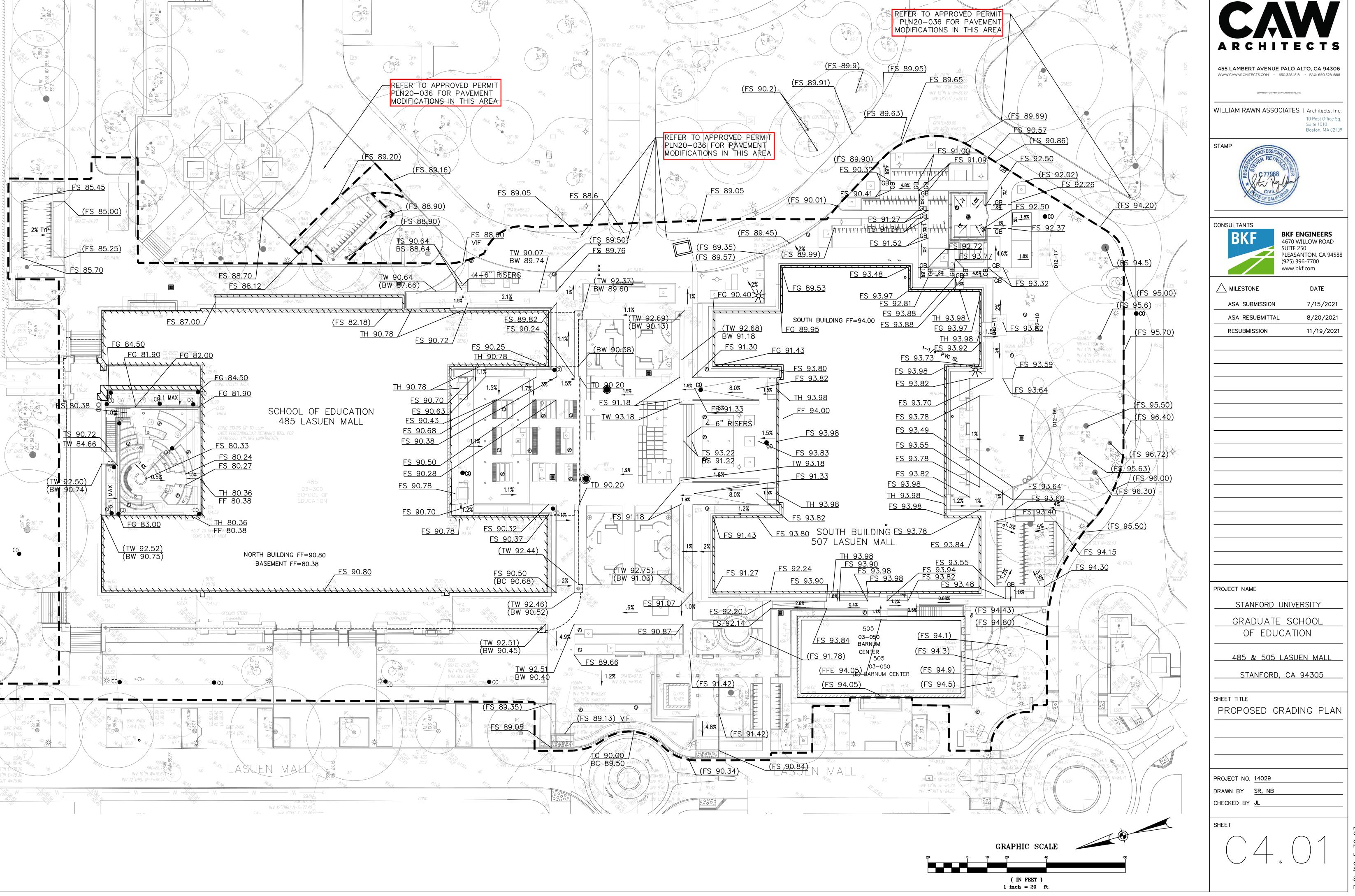
SHEET TITLE

PROPOSED UTILITY PLAN

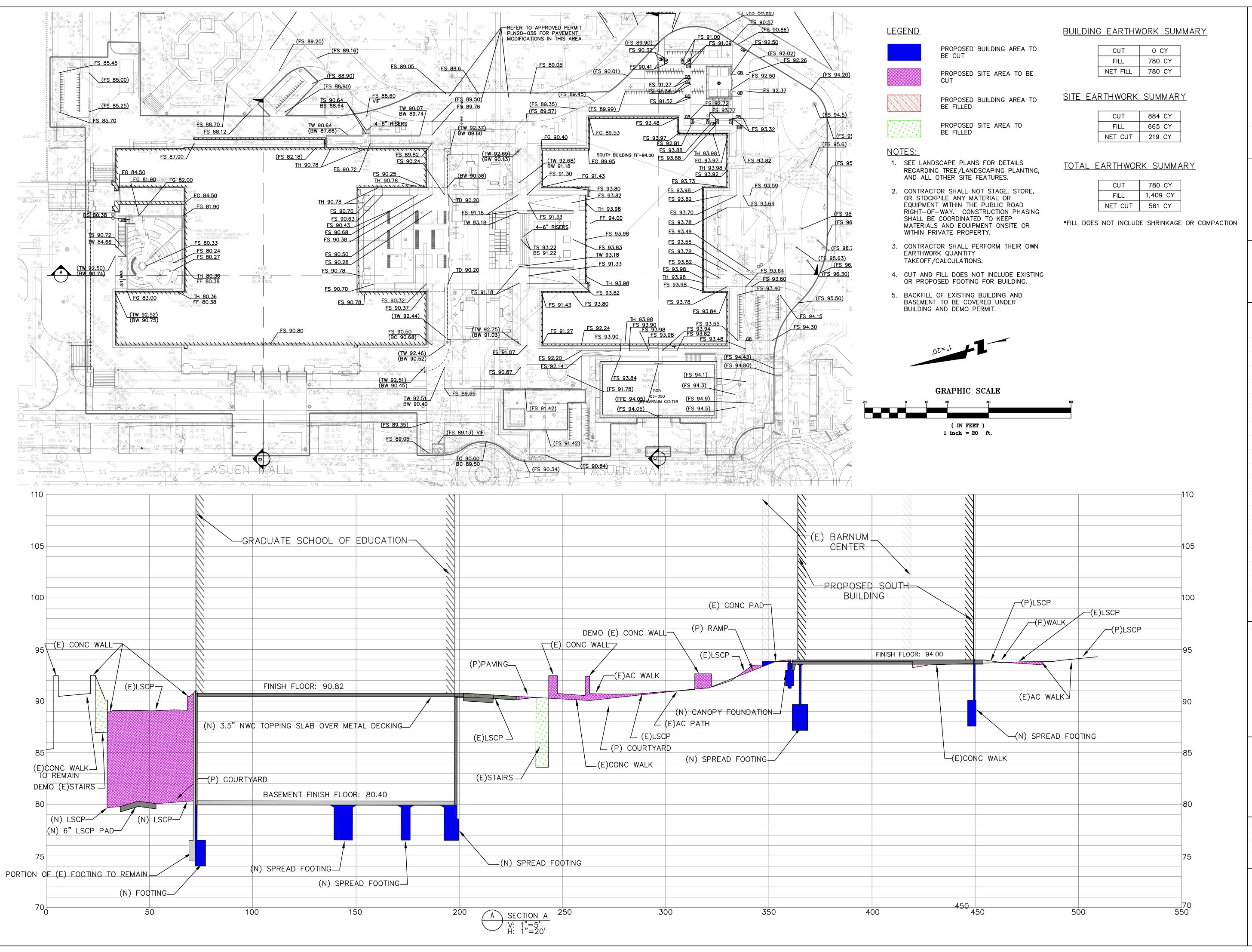
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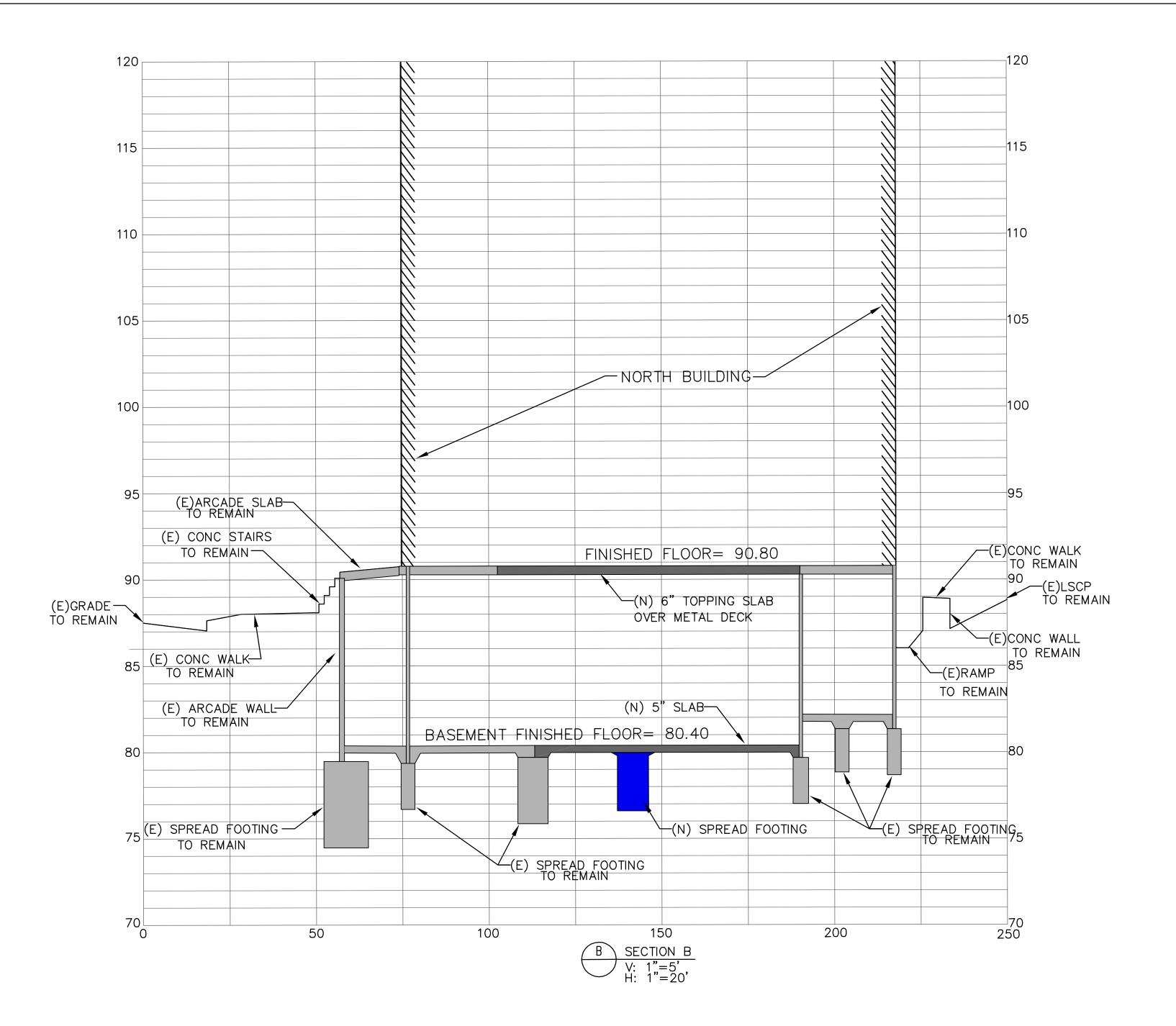
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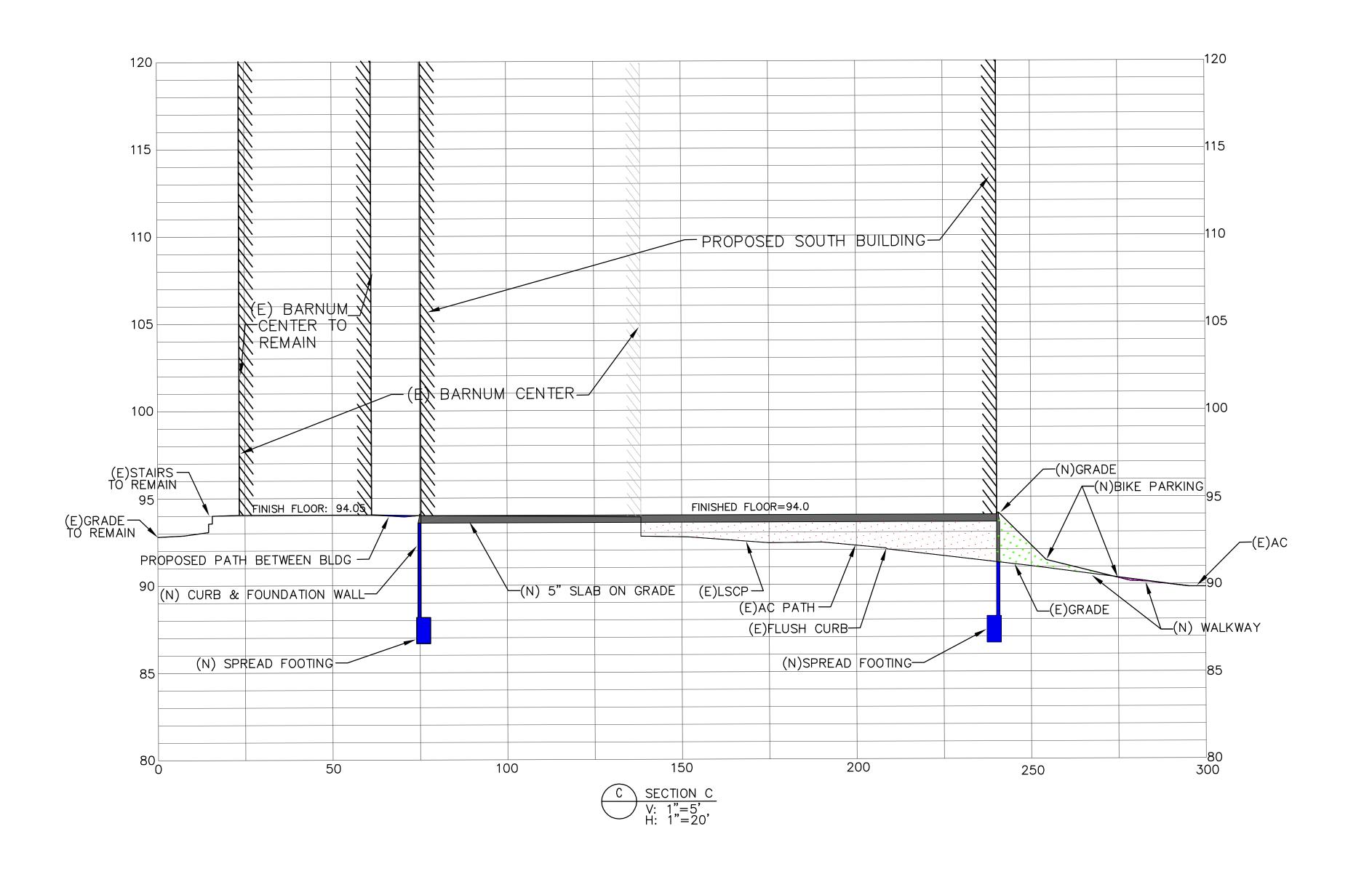
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ASA SUBMISSION 7/15/2021

ASA RESUBMITTAL 8/20/2021

11/19/2021

PROJECT NAME

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OF EDUCATION

485 & 505 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SECTIONS

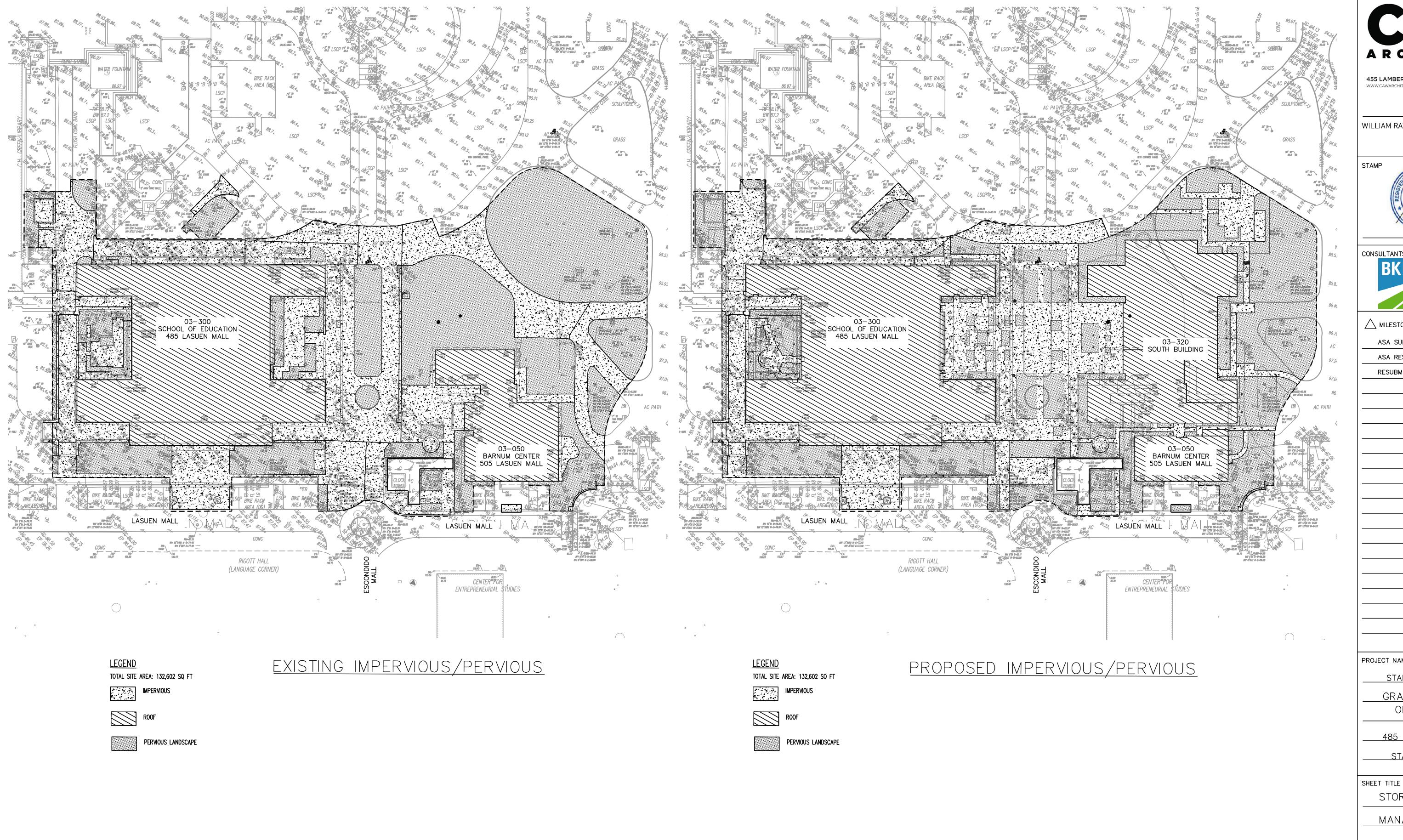
PROJECT NO. 14029

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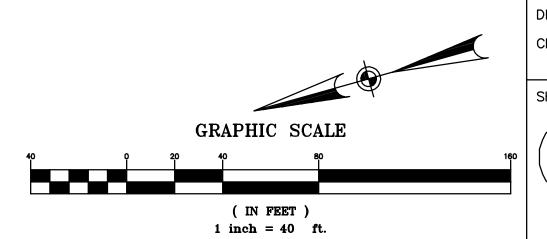
SHEE

C 5 . 0 2



DMA	SITE AREA (SF)		NON-VEHICULAR IMP AREA (SF)	TREATMENT METHOD
1	132,602	4,106	86,862	IN-LIEU

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



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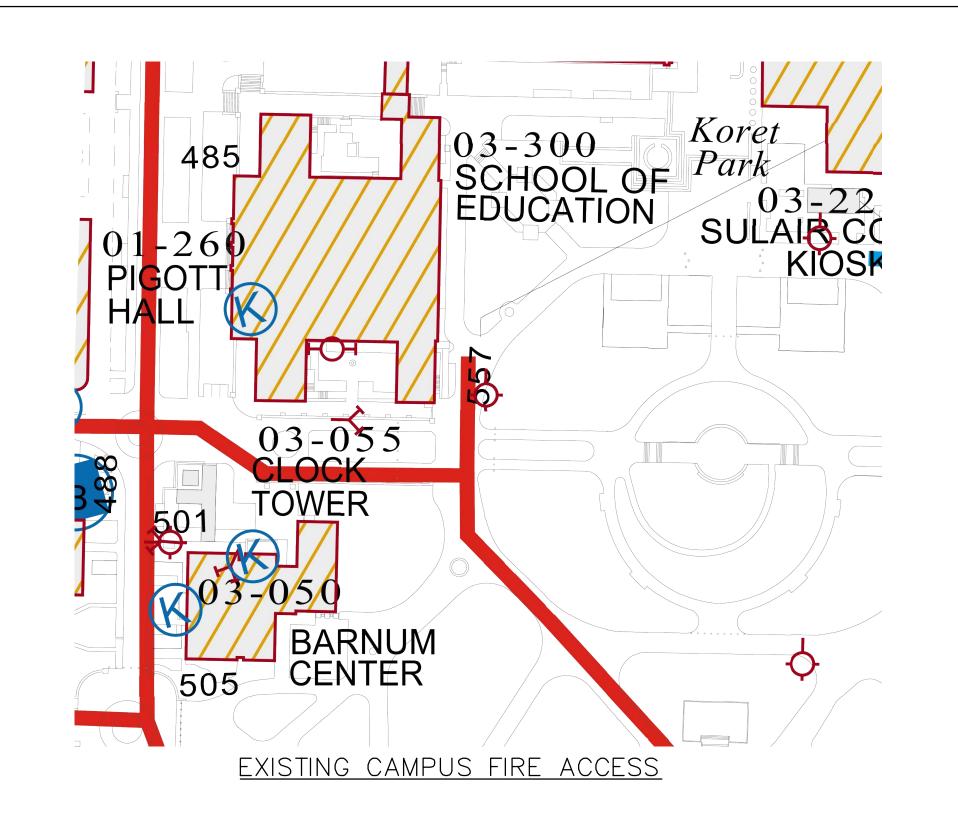
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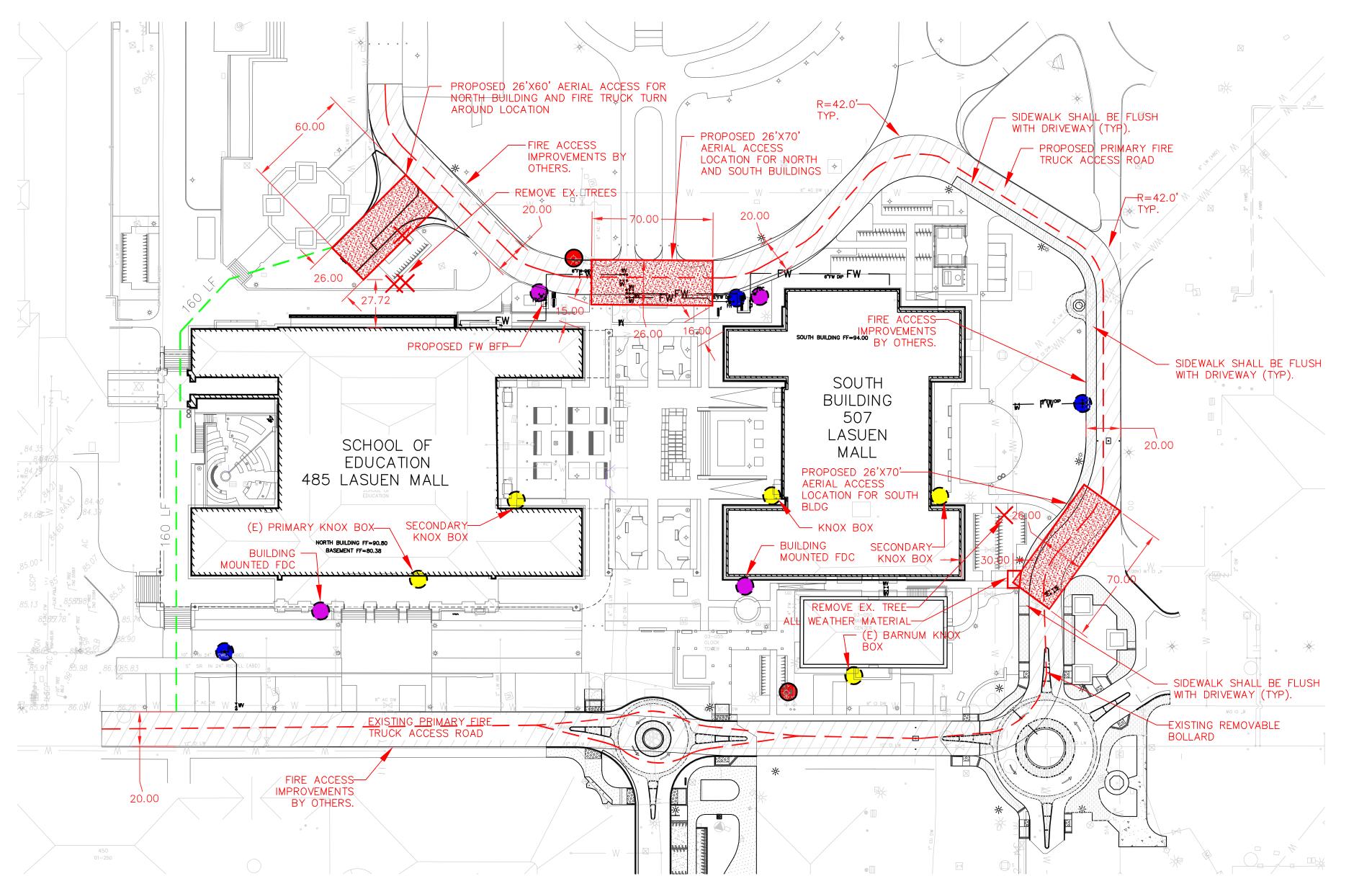
STORMWATER

MANAGEMENT PLAN

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7/6/19 5:39:03 PM





<u>LEGEND</u>



EXISTING FIRE HYDRANT



PROPOSED FIRE HYDRANT

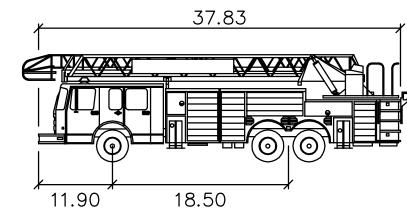


PROPOSED FIRE DEPARTMENT CONNECTION PUMP PRESSURE: 150 PSI



KNOX BOX

— — PRIMARY FIRE ACCESS - HOSE REACH



Fire Truck T6 feet

: 8.50 Width : 8.00 Track Lock to Lock Time : 6.0 : 30.5 Steering Angle

NOT TO SCALE

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) $1 \quad \text{inch} = 40 \quad \text{ft.}$

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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Boston, MA 02109

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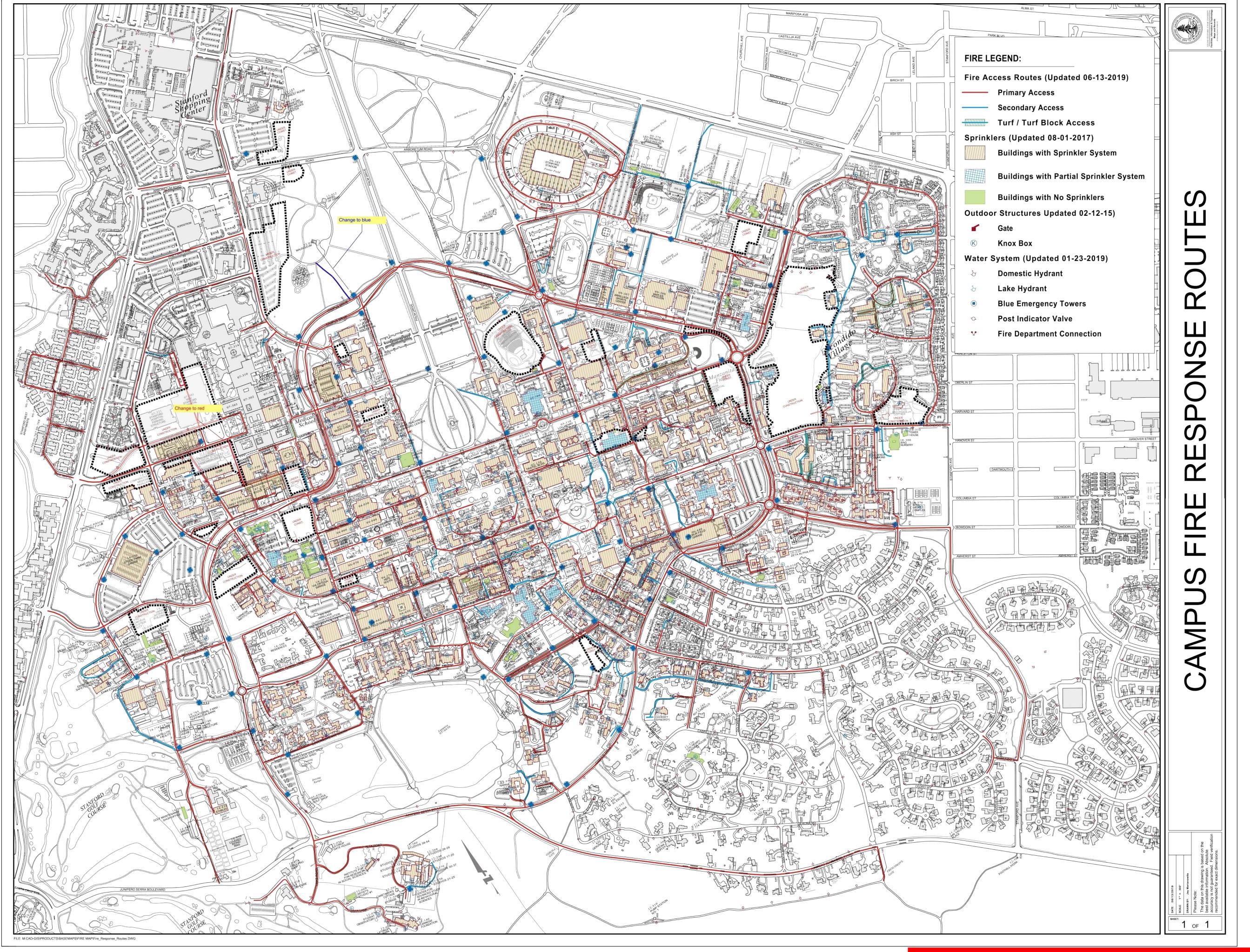
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FIRE TRUCK ACCESS

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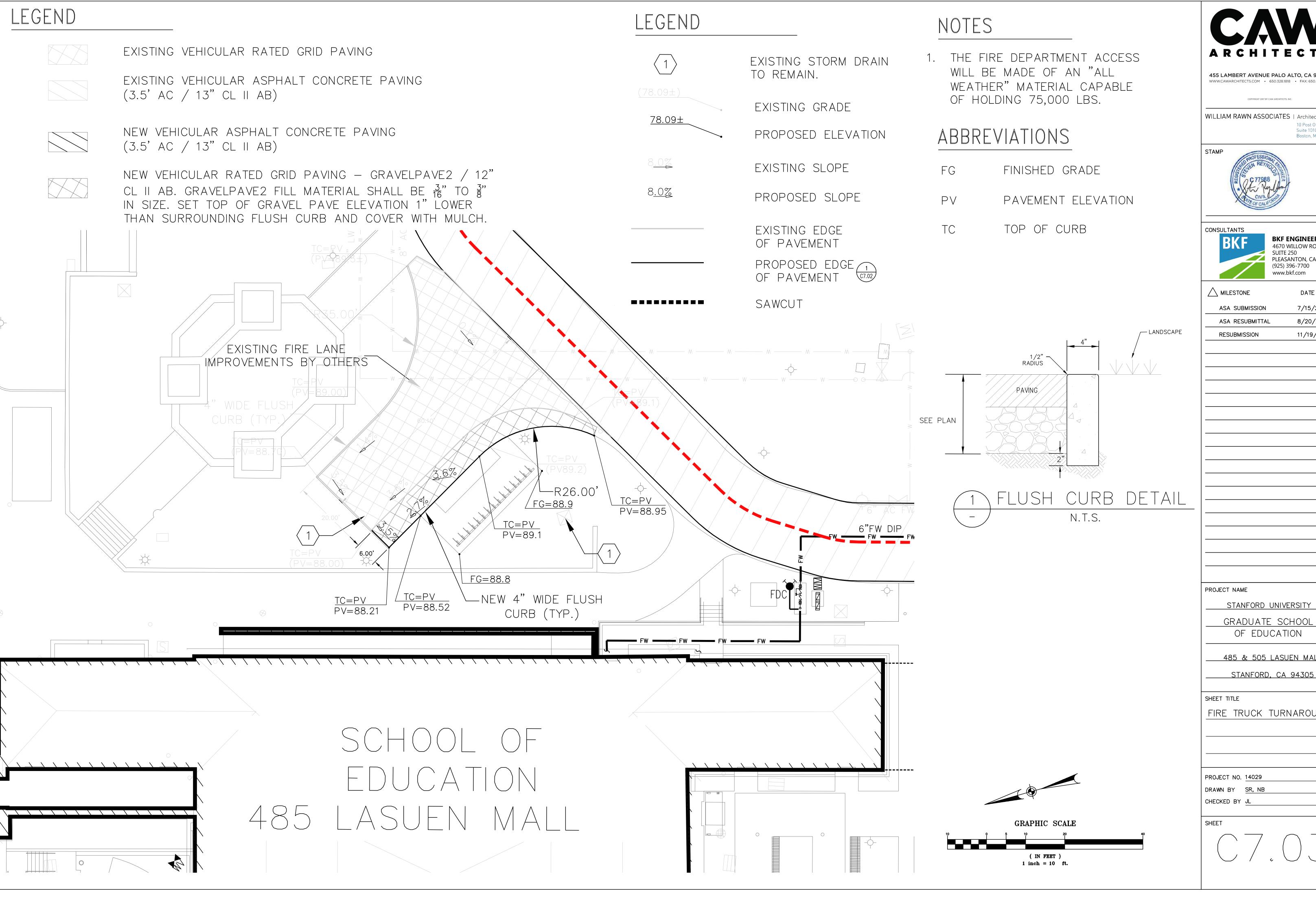
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CAMPUS FIRE RESPONSE ROUTES

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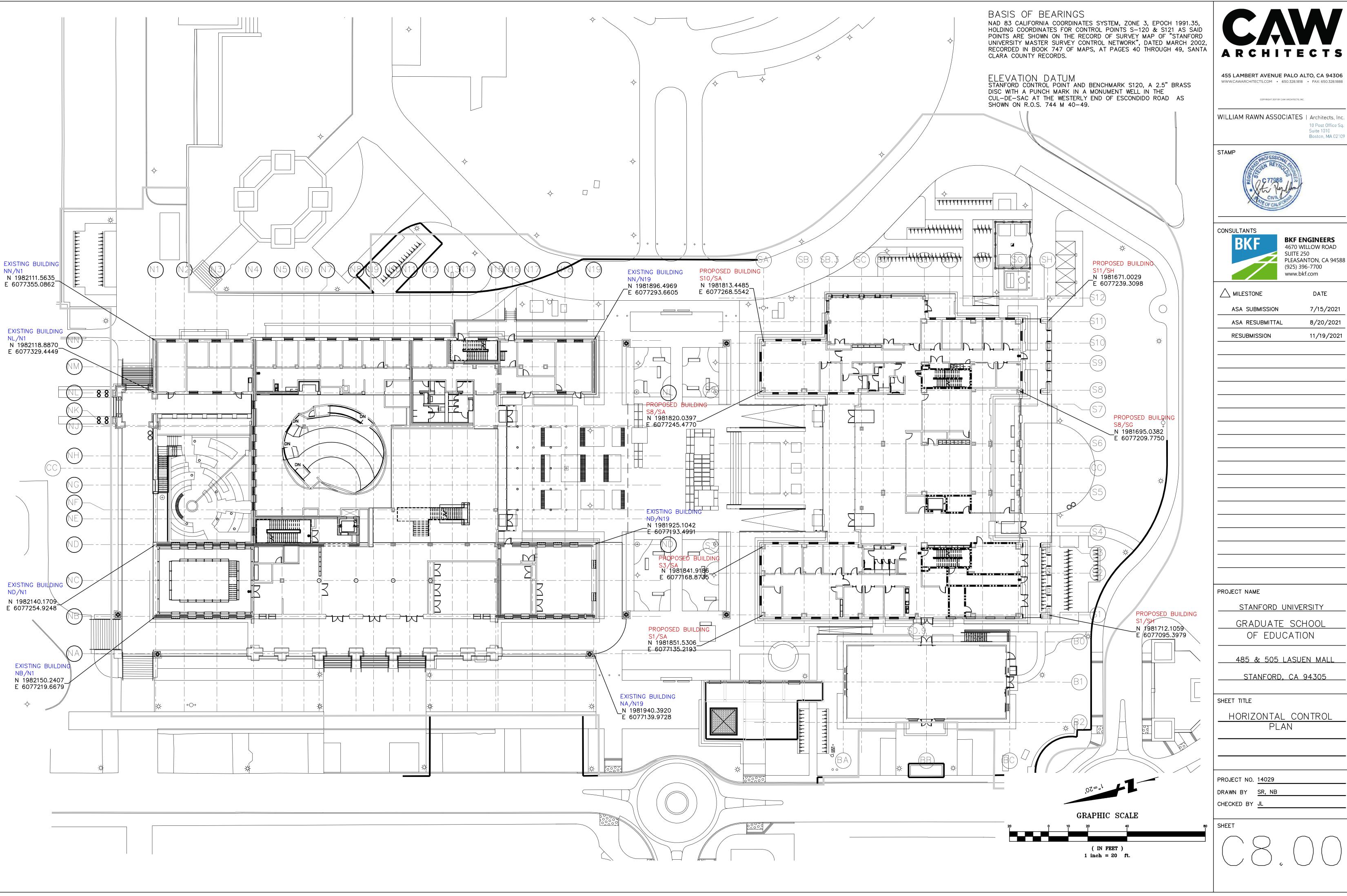
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FIRE TRUCK TURNAROUND



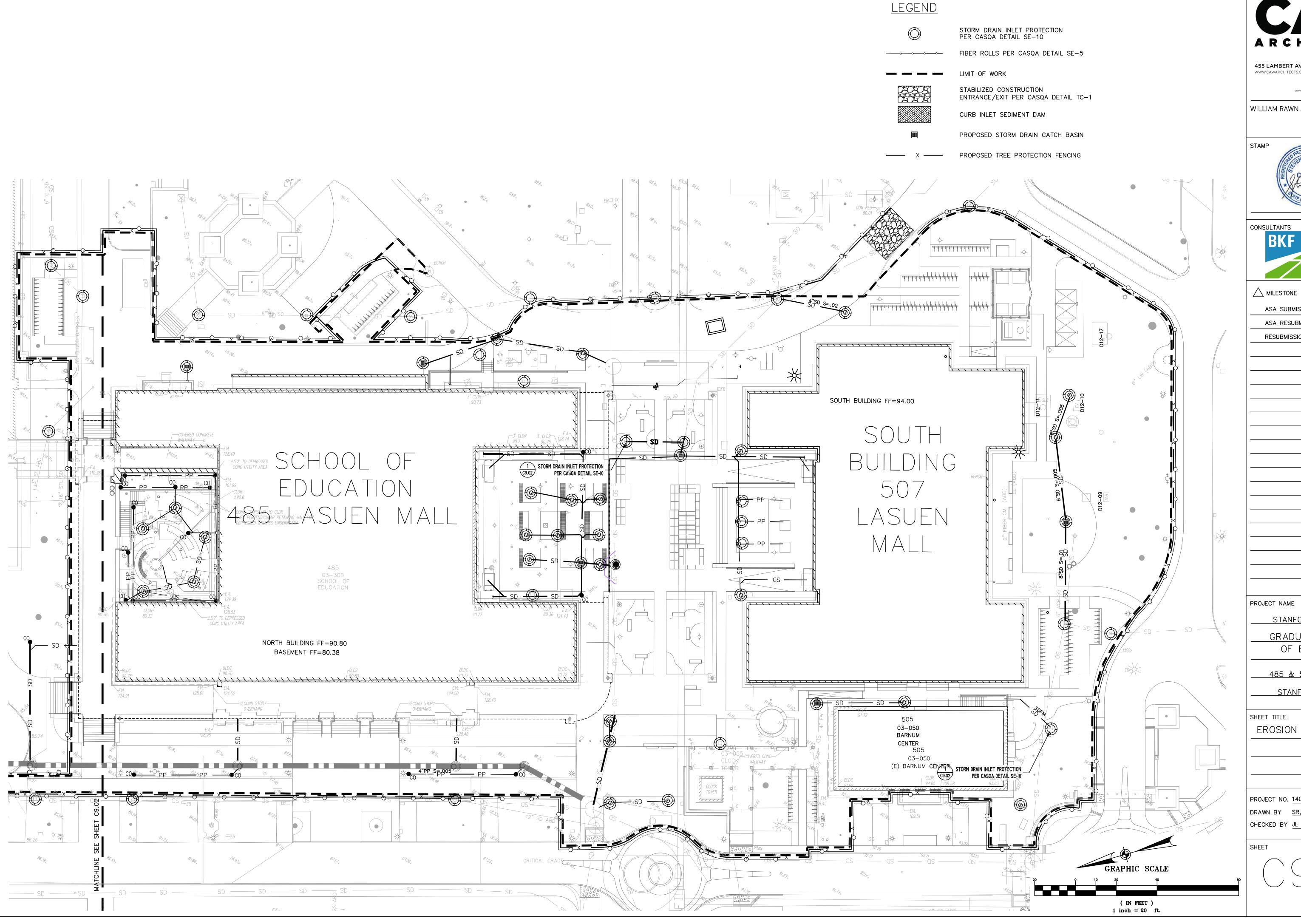
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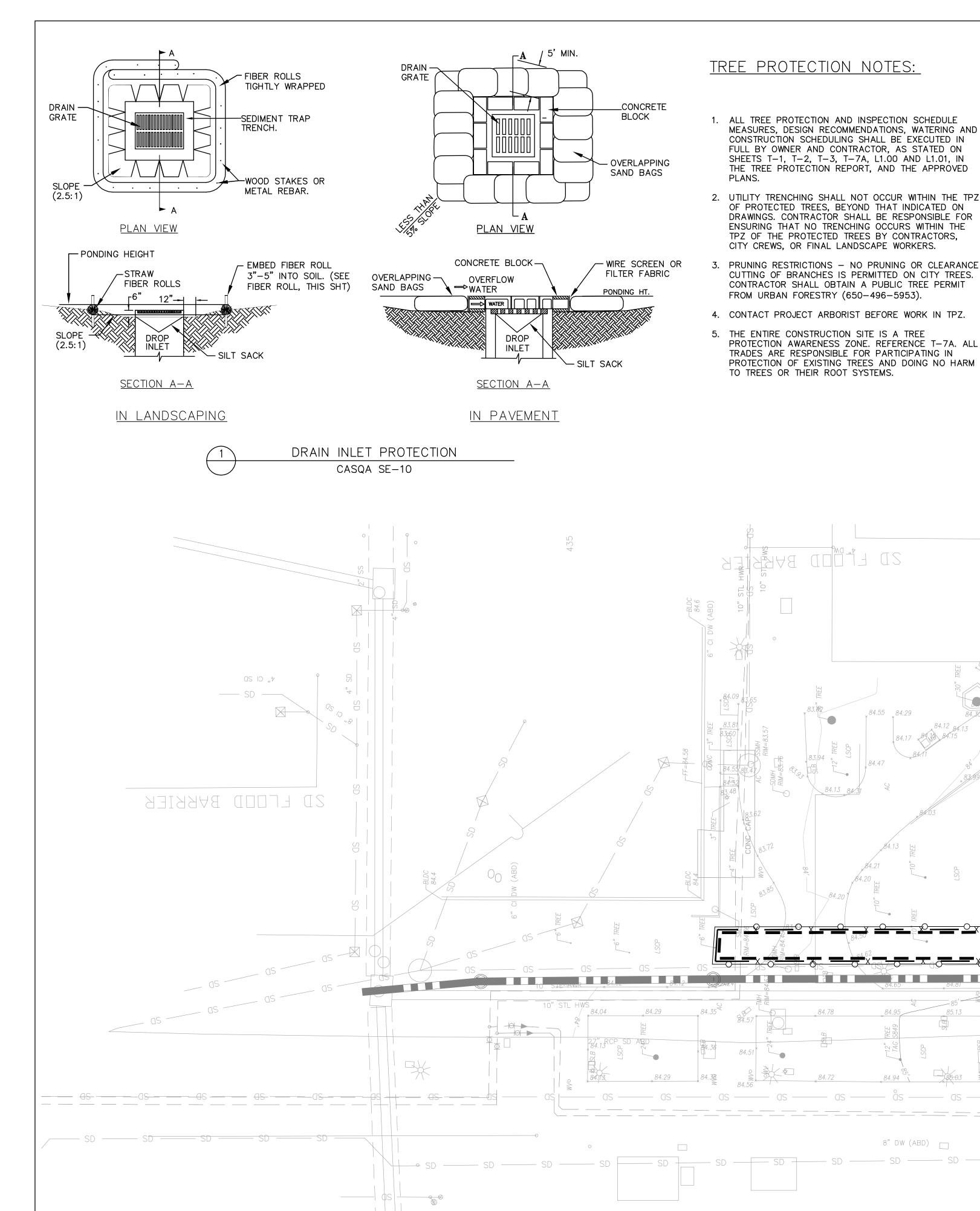
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EROSION CONTROL PLAN

PROJECT NO. 14029 DRAWN BY SR, NB



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.

84.42 84.38

LEGEND

STORM DRAIN INLET PROTECTION PER CASQA DETAIL SE-10

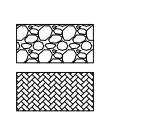
STABILIZED CONSTRUCTION

CURB INLET SEDIMENT DAM

FIBER ROLLS PER CASQA DETAIL SE-5

ENTRANCE/EXIT PER CASQA DETAIL TC-1

LIMIT OF WORK



COVERED CONCRETÉ

EVL¬ҳ 101.34

WALKWAY

01 - 250

PROPOSED STORM DRAIN CATCH BASIN

PROPOSED TREE PROTECTION FENCING

ABBREVIATIONS

AGGREGATE BASE ASPHALT CONCRETE AREA DRAIN AD ALTERNATE BOTTOM OF CURB BACK FLOW PREVENTER BEGINNING OF WALL CO CLEANOUT

CWS

- CONC CONCRETE CU COPPER PIPE CHILLED WATER
 - CHILLED WATER RETURN CHILLED WATER SERVICE STAMP DRAIN INLET DUCTILE IRON PIPE
- DOMESTIC WATER ELEVATION ECR END CURB RETURN EG EXISTING GRADE
- ELEC ELECTRICAL EDGE OF PAVEMENT END OF WALL **EXISTING**
- FDC FIRE DEPARTMENT CONNECTION FG FINISHED GRADE FIRE HYDRANT FS FIRE SERVICE
- FW FIRE WATER GREEN EARTH SCIENCE HOT WATER RETURN
- HOT WATER SERVICE INV INVERT IRR IRRIGATION KILO - VOLT LG LIP OF GUTTER
- LAKE WATER MANHOLE MINIMUM
- OC ON CENTER PC POINT ON CURVE POST INDICATOR VALVE POINT OF CONNECTION POC
- PP PERFORATED PIPE PROPOSED POLYVINYL CHLORIDE

POINT OF VERTICAL INTERSECTION

- PWR POWER RECYCLED WATER
- REINFORCED CONCRETE PIPE STATION STORM DRAIN
- SDFM STORM DRAIN FORCE MAIN SCIENCE & ENGINEERING QUAD
- SANITARY SEWER SOUTH SERVICE ROAD
- SEARSVILLE WATER TOP OF CURB. TELECOM
- TOP OF WALL
- WATER WATER METER WATER VALVE



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SHEET TITLE

EROSION CONTROL PLAN

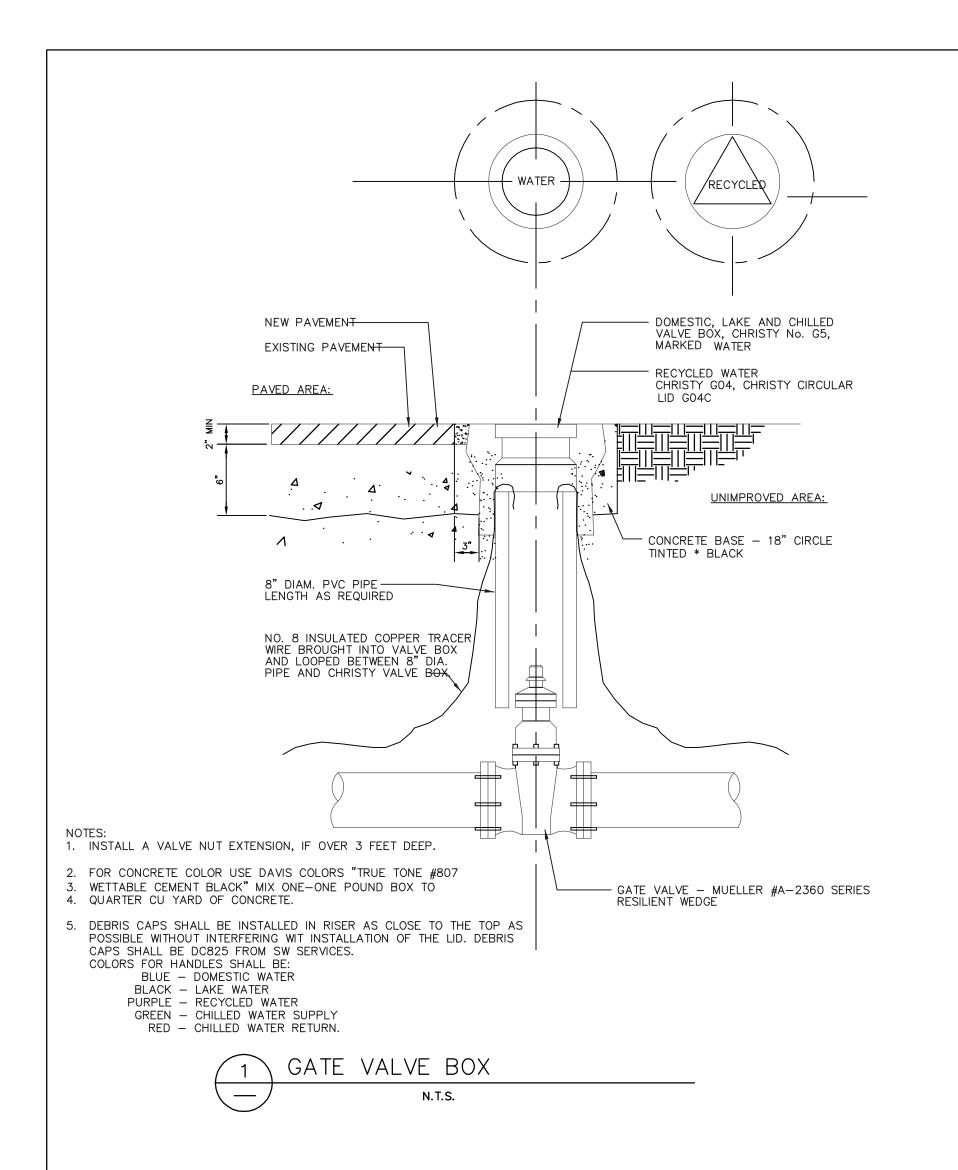
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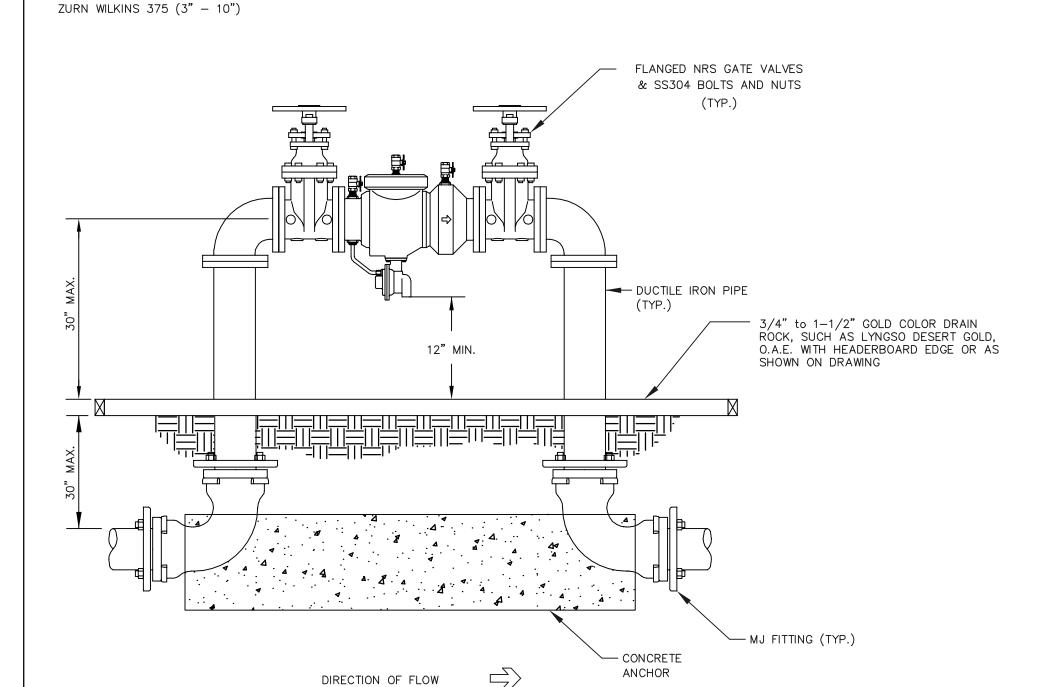
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GRAPHIC SCALE

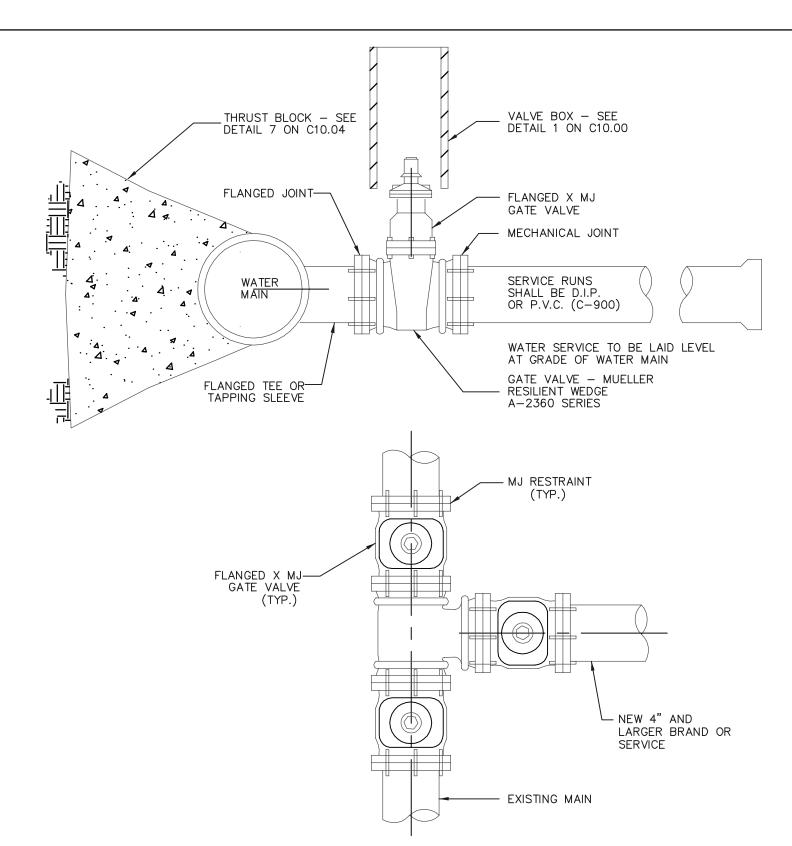
(IN FEET) 1 inch = 20 ft.





- 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



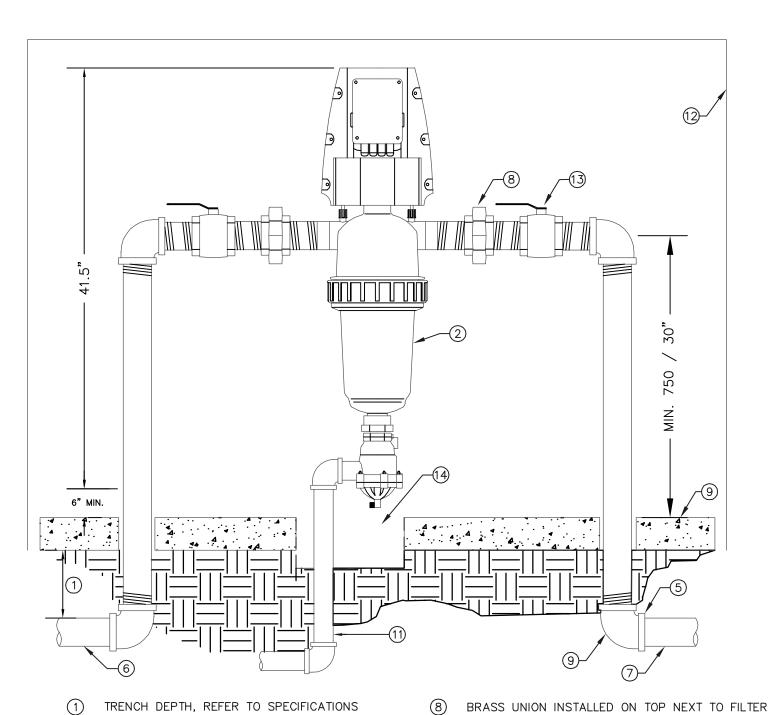


TEE CONNECTION WITH MAIN LINE AND BRANCH VALVES

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

2. ADD CATHODIC PROTECTION WHEN SHOWN ON DRAWINGS

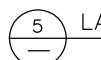




- THREADED BRASS PIPING AND FITTINGS EXTENDED 6" BEYOND CONCRETE PAD.
- (4) 6" THICK CONCRETE PAD FOR ENCLOSURE
- (5) PVC SCHEDULE 80 COUPLER SXT (TWO REQUIRED)
- 6 MINIMUM 2" WATER SOURCE, AS REQUIRED

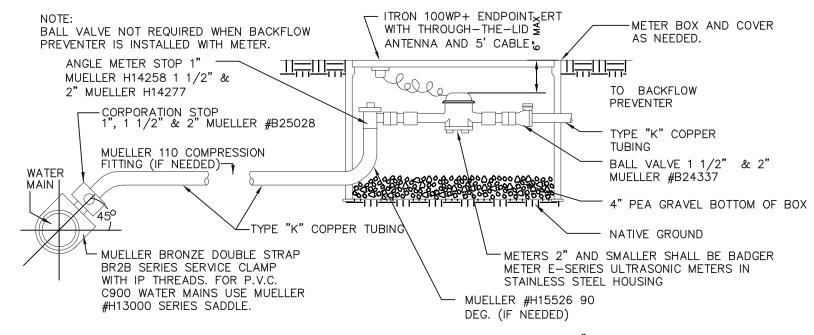
- 2" PVC PRESSURE SUPPLY LINE THROUGHOUT
- 2 AMIAD 2" TAF-750 FILTER WITH CARTRIDGE DISC. 9 BRASS 90 DEGREE ELL (4 REQUIRED) PURGE VALVE AS PART OF VALVE ASSEMBLY -6" MINIMUM BOTTOM CLEARANCE
 - 1/2" DIAMETER PVC PIPE TO AND THROUGH THE NEAREST CUBE,
 CORE AND EXTEND TO DRAIN. PROVIDE ALL REQUIRED FITTINGS 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
 - 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



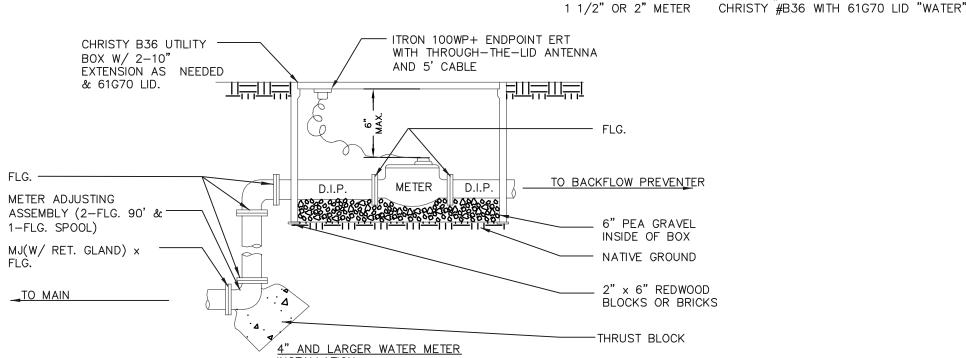
LAKE WATER FILTER INSTALLATION

N.T.S.



2" AND SMALLER WATER METER INSTALLATION

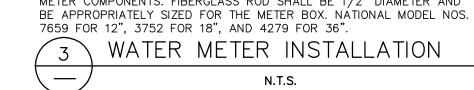
CHRISTY METER BOX, WITH EXTENSIONS AS REQUIRED. CHRISTY #B9 WITH FL9D LID "WATER" 1" METER CHRISTY #B12 WITH B12G LID "WATER

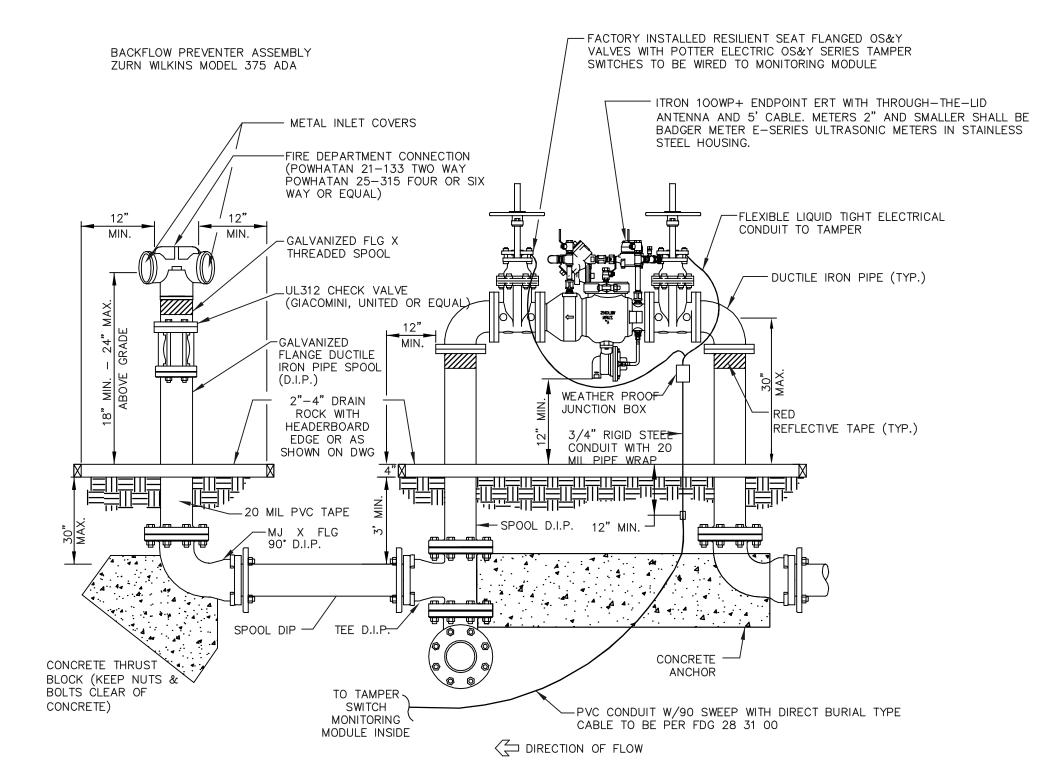


NOTES: 1. CHRISTY B36 METER BOX WITH EXTENSIONS AS REQUIRED. STEEL

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 7659 FOR 12", 3752 FOR 18", AND 4279 FOR 36".





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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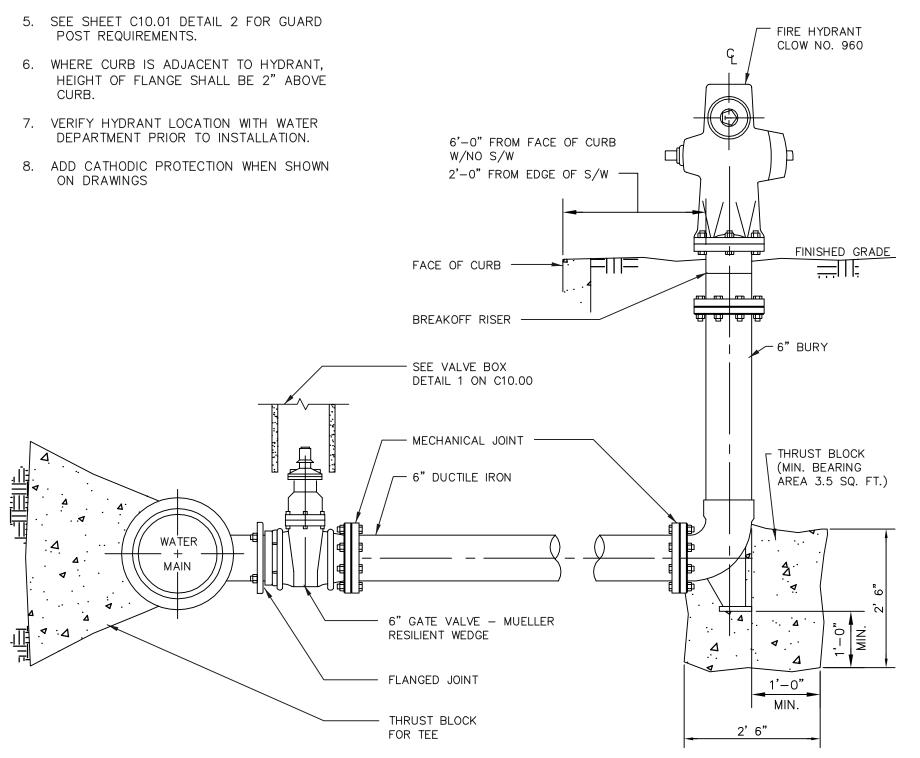
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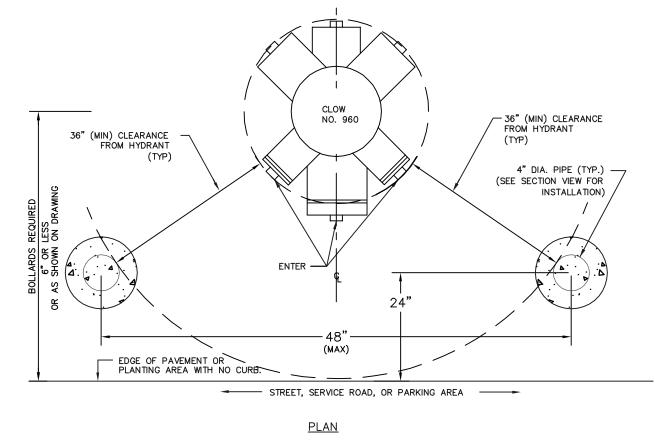
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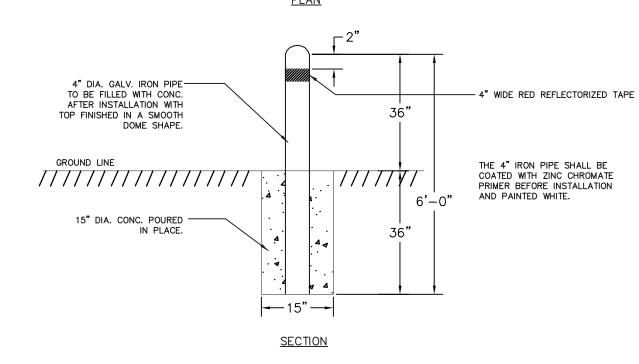
CIVIL DETAILS

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.

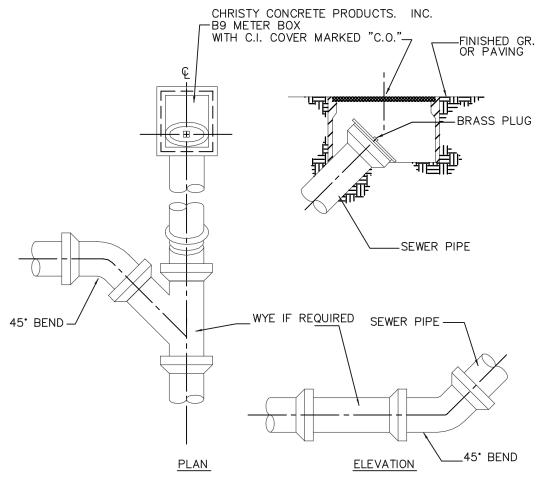


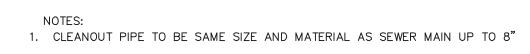




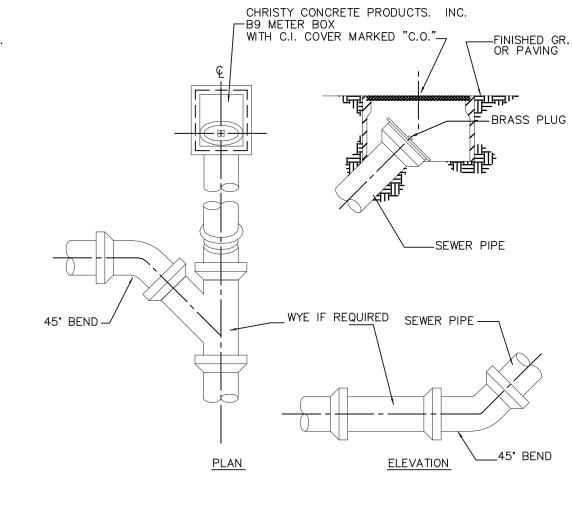


1. DETAIL APPLIES TO FIRE HYDRANT AND FIRE DEPARTMENT CONNECTION (FDC)



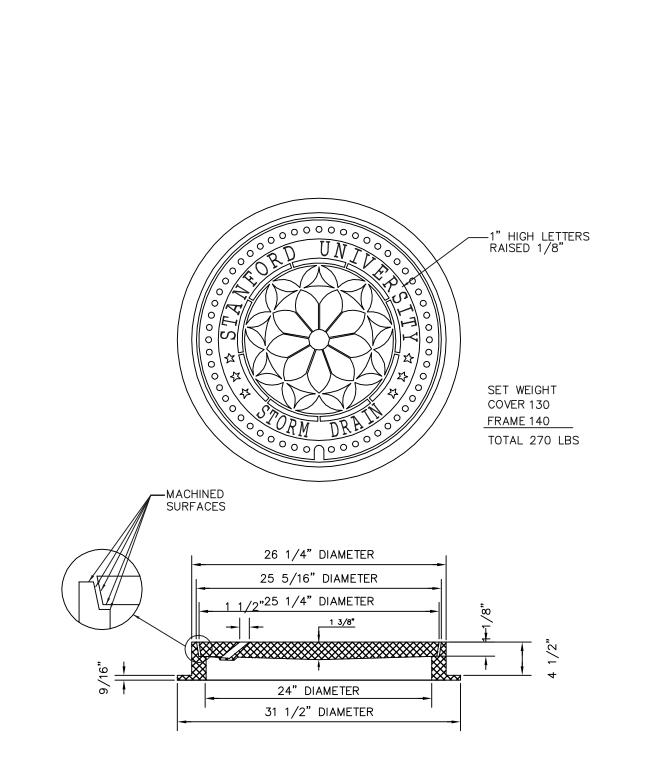






1. CLEANOUT PIPE TO BE SAME SIZE AND MATERIAL AS SEWER MAIN UP TO 8"





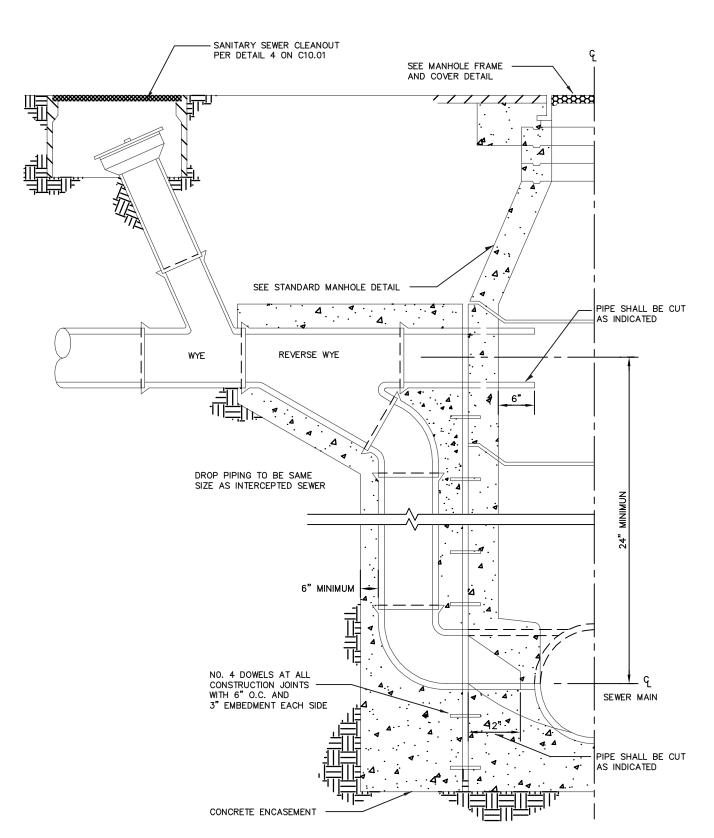
STORM DRAIN MANHOLE FRAME &

COVER

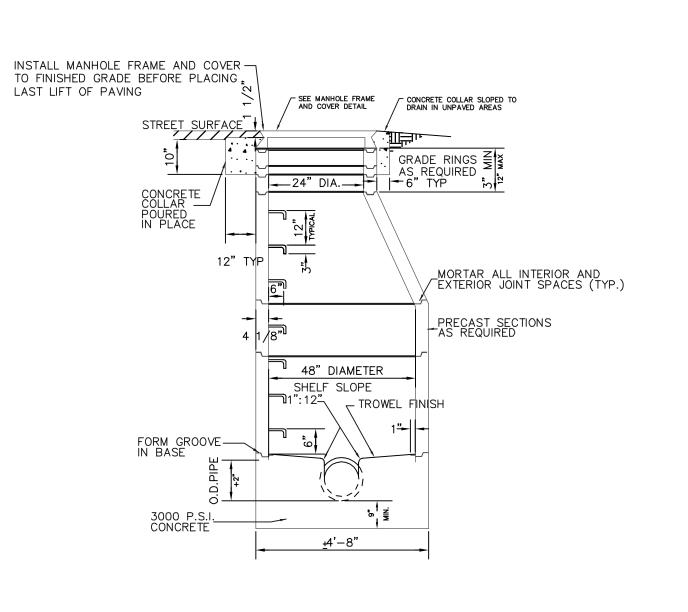
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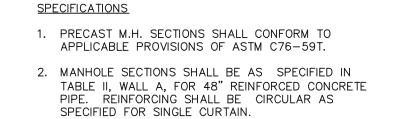
FIRE HYDRANT

N.T.S.



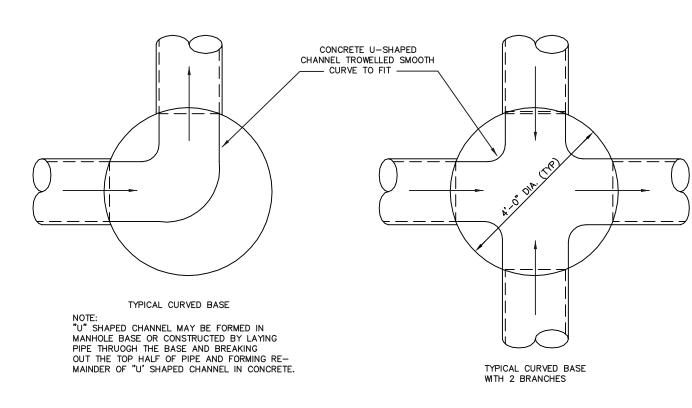


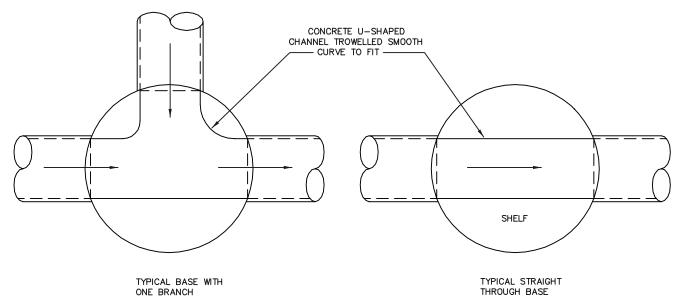




- 3. STEPS SHALL BE 14" WIDE 4. FOR MANHOLE BASES SEE SHEET C10.01 DETAIL 8
- SANITARY SEWER & STORM DRAIN







1. FOR MANHOLES SEE SHEET C10.01 DETAILS 5 & 6
2. LOWEST POINT ON SHELF SHALL BE EVEN WISTH TOP OF PIPE

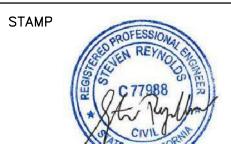
STANDARD MANHOLE BASE SECTIONS N.T.S.



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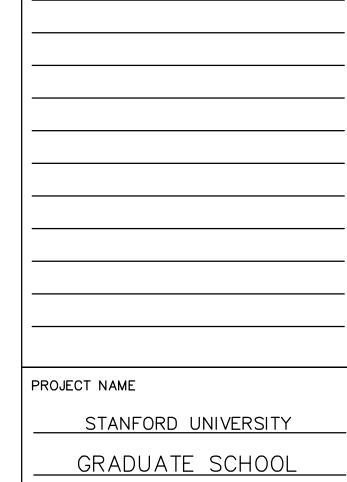
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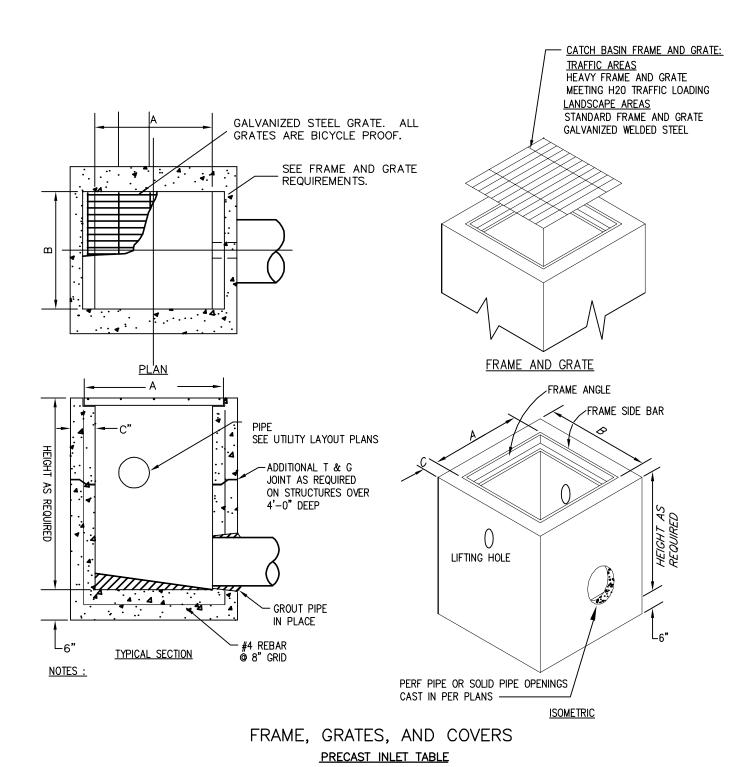
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SHEET TITLE CIVIL DETAILS

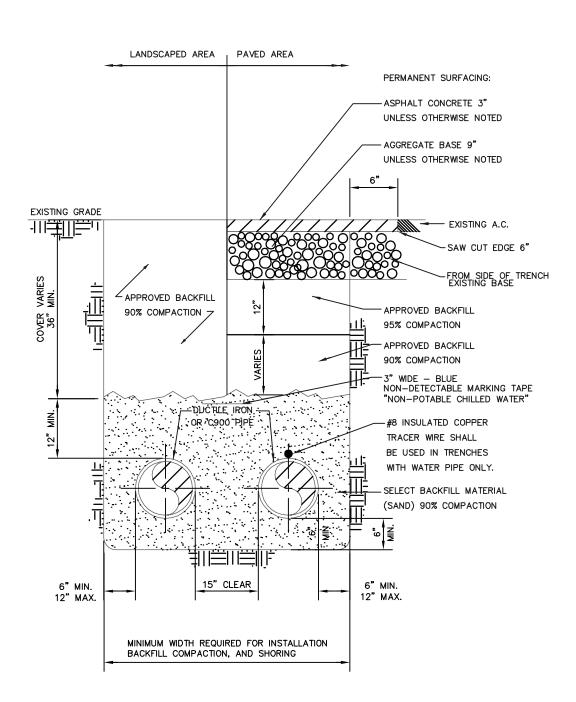
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SHEET



1			1			
	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

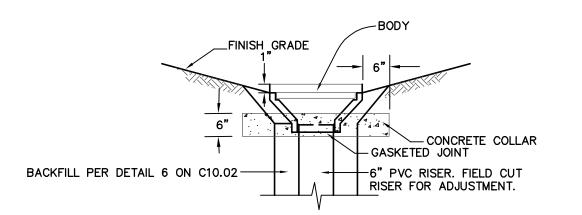
1 PRECAST CATCH BASIN OR JUNCTION BOX N.T.S.

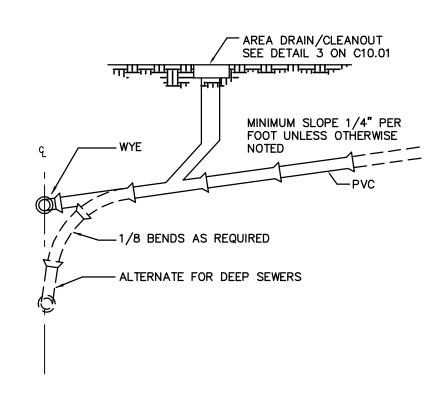


1. SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY

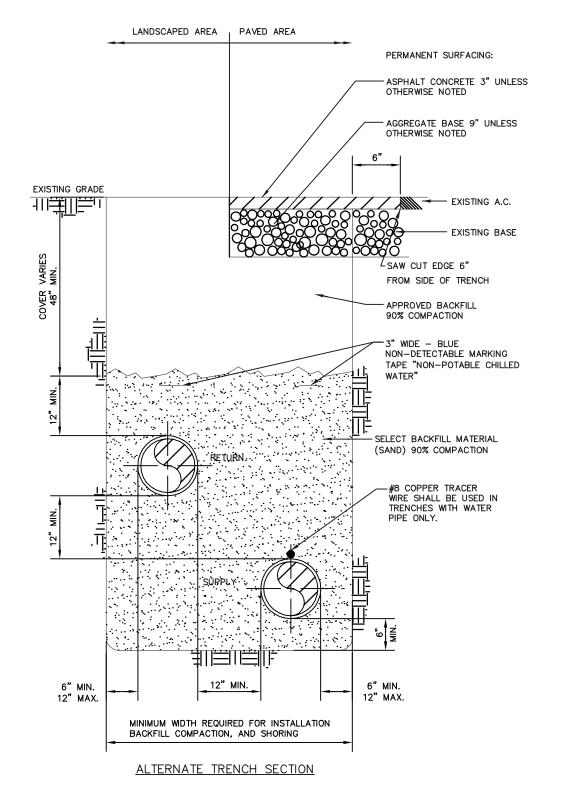


TYPICAL TRENCH SECTION







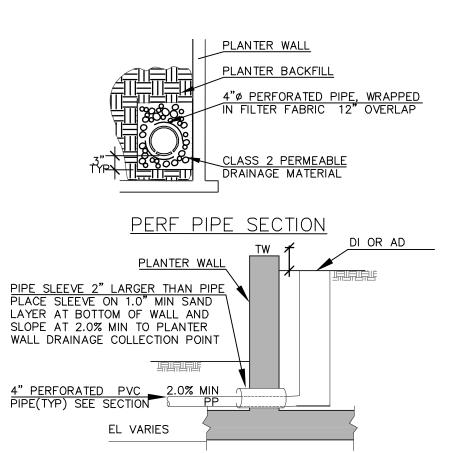


NOTE:

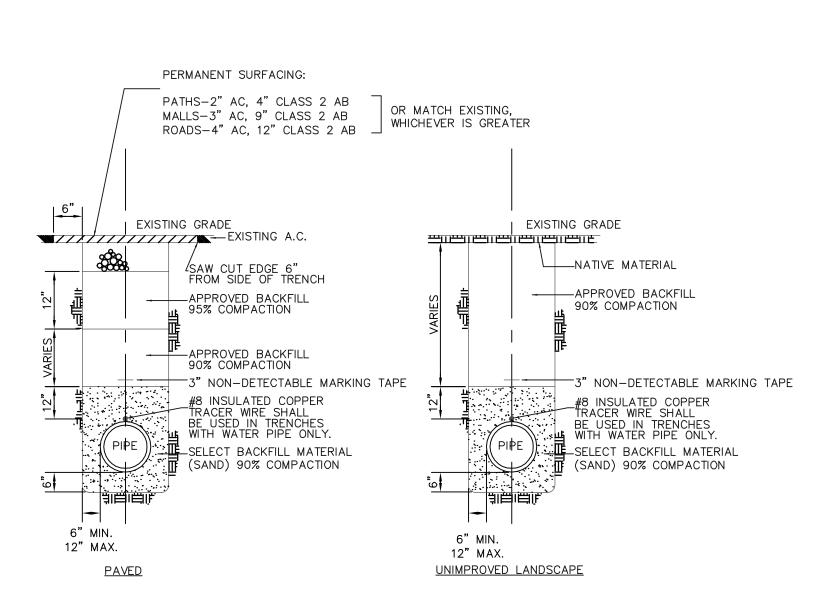
1. SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY ORDERS.

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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MILESTONE DATE

ASA SUBMISSION 7/15/2021

ASA RESUBMITTAL 8/20/2021

RESUBMISSION 11/19/2021

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

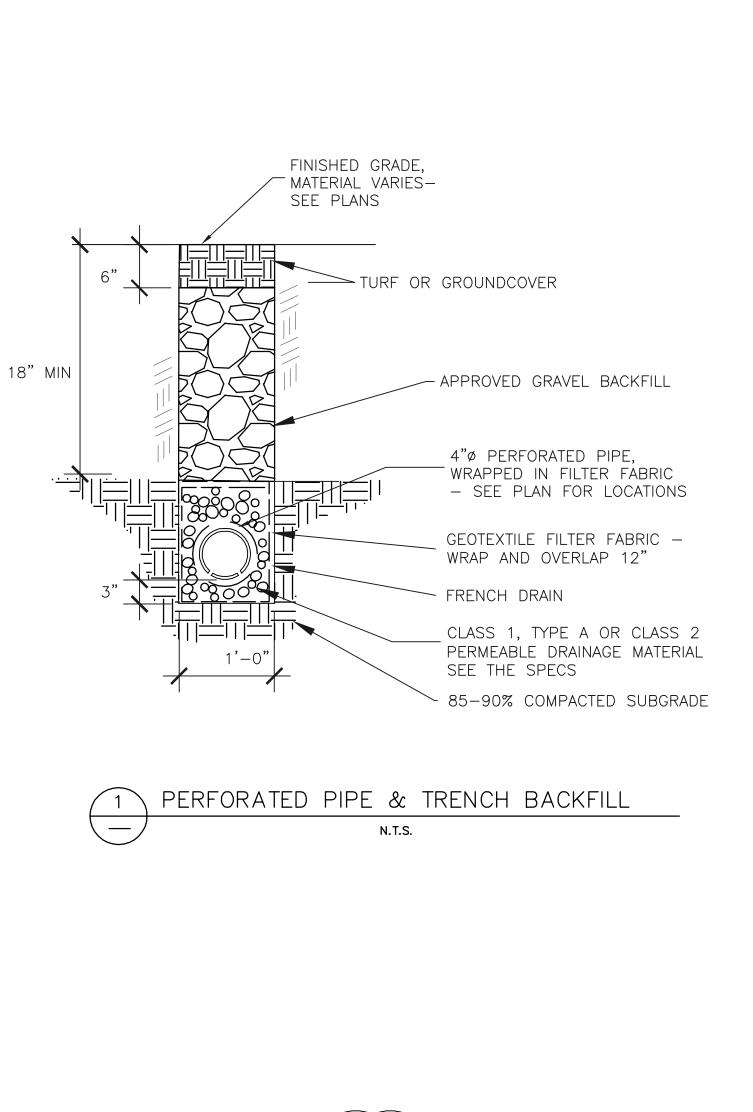
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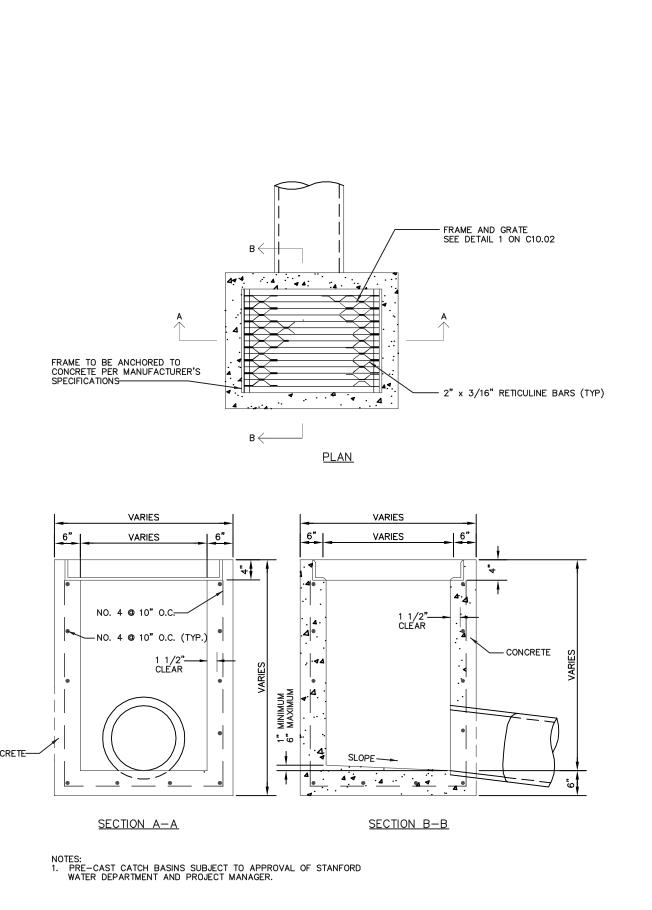
SHEET

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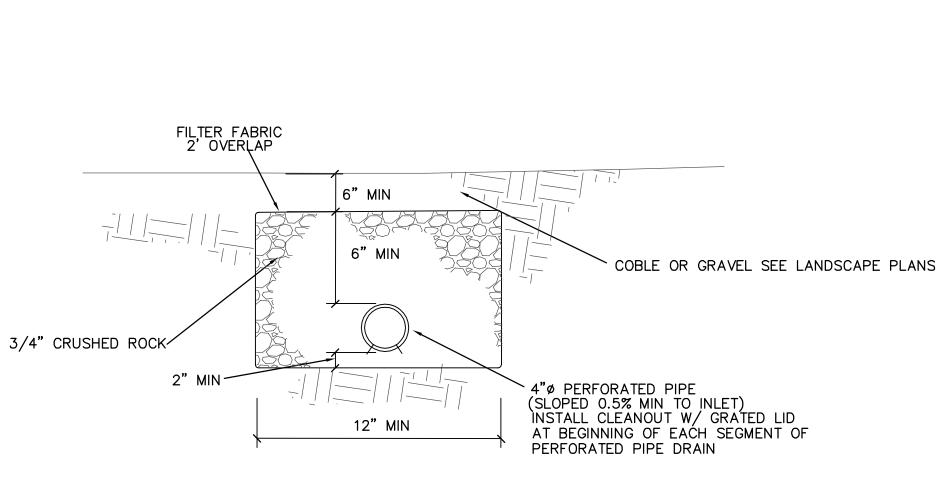
ORDERS.

2. RESTORE ALL PAVEMENT MARKINGS IN-KIND WHERE



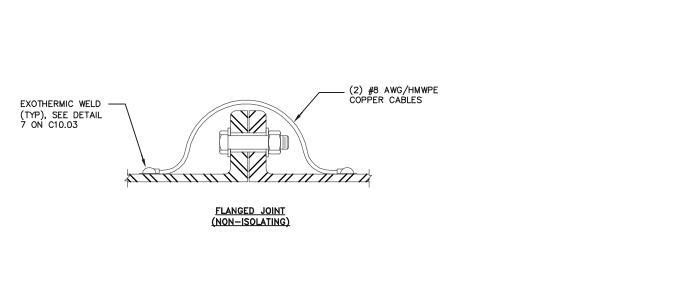


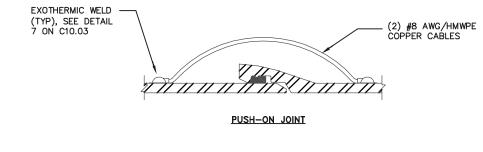
CATCH BASIN

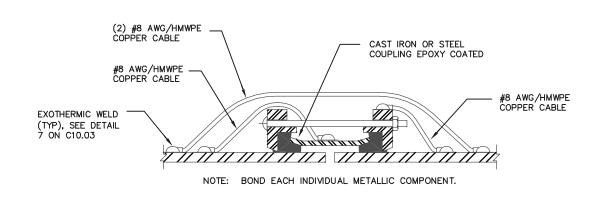


PERFORATED PIPE IN LANDSCAPE

N.T.S.







FLEXIBLE COUPLING
(MULTIPLE COMPONENT COUPLING)

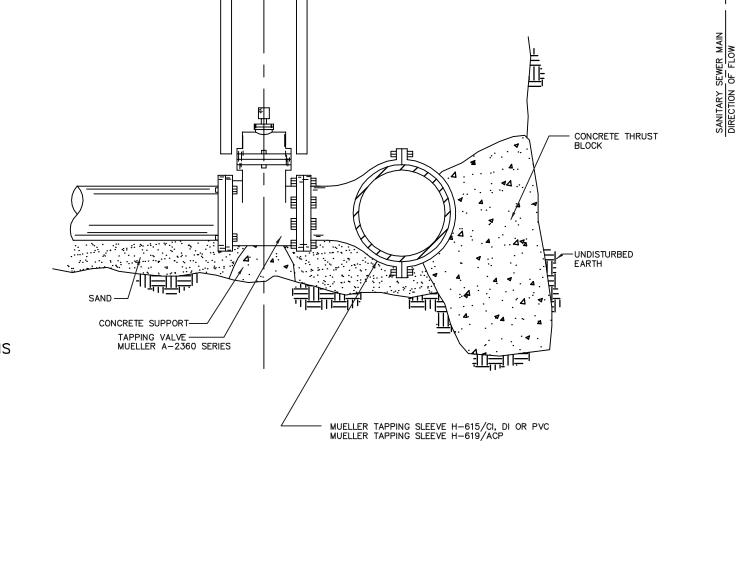
NOTES:

1. ANY NON-WELDED, NON-ISOLATING JOINTS, VALVES & FITTINGS REQUIRE BONDING
TO ACHIEVE ELECTRICAL CONTINUITY.

2. USE ONE BOND CABLE ONLY PER JOINT FOR PIPE SIZES 8" DIA OR SMALLER.

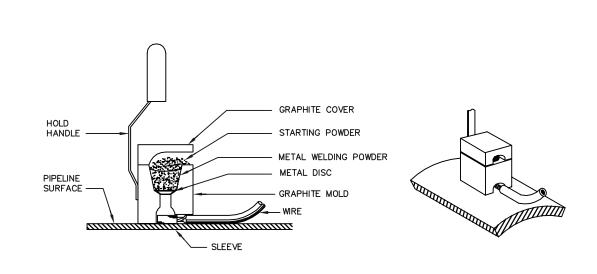
JOINT BONDING JUMPER INSTALLATION





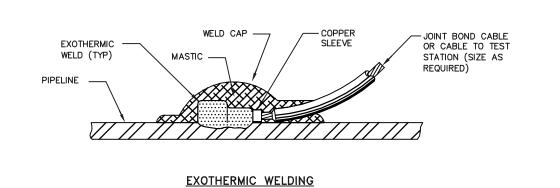
SEE VALVE BOX DETAIL 1 ON C10.00



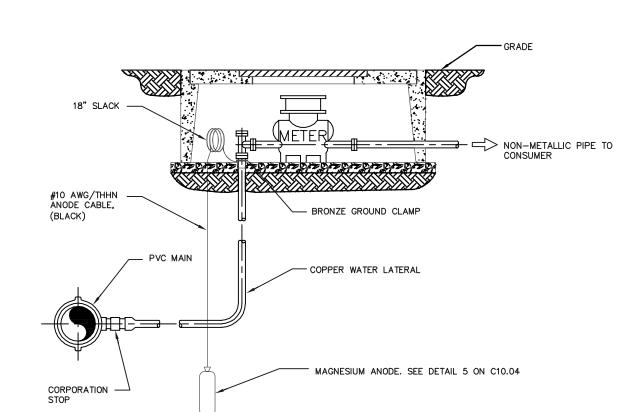


STEP 1) GRIND STRUCTURE CONNECTION AREA (3"x 3") TO BARE SHINY METAL AND CLEAN.	
STEP 2) STRIP INSULATION FROM WIRE. ATTACH SLEEVE.	
STEP 3) HOLD MOLD FIRMLY WITH OPENING AWAY FROM OPERATOR & IGNITE WITH FLINT GUN.	
TEP 4) REMOVE SLAG FROM CONNECTION AND PEEN WELD FOR SOUNDNESS.	
STEP 5) COVER CONNECTION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



7	EXOTHERMIC	WELDING
		N.T.S.



PIPE SHALL BE PVC SEWER PIPE

PLAN

— 1/8 BENDS AS REQUIRED

SANITARY SEWER LATERAL

- ALTERNATE FOR DEEP SEWERS

ELEVATION

PVC SANITARY SEWER LATERAL

- INSTALL CLEANOUT BACK OF CURB PER SHEET C10.01 DETAIL 4

MINIMUM SLOPE 1/4" PER FOOT UNLESS OTHERWISE NOTED

DIRECTION OF FLOW

- CLEANOUT

_____1/8 BEND

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

8 COPPER WATER SERVICE
N.T.S.

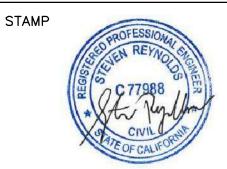
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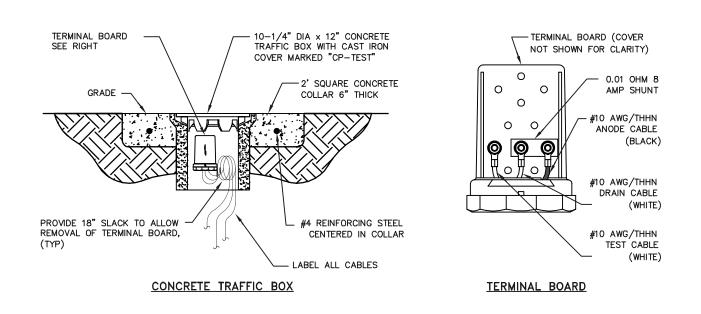
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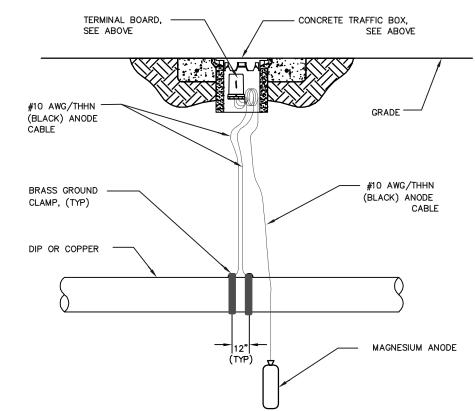
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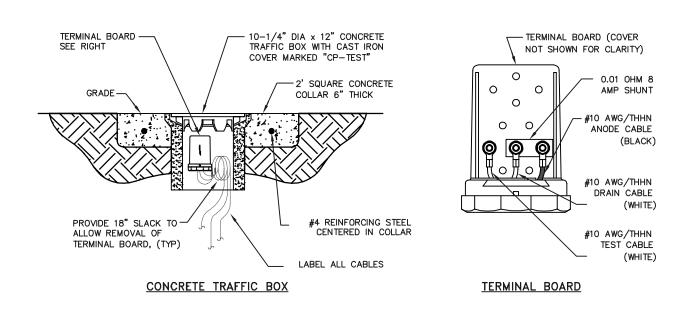


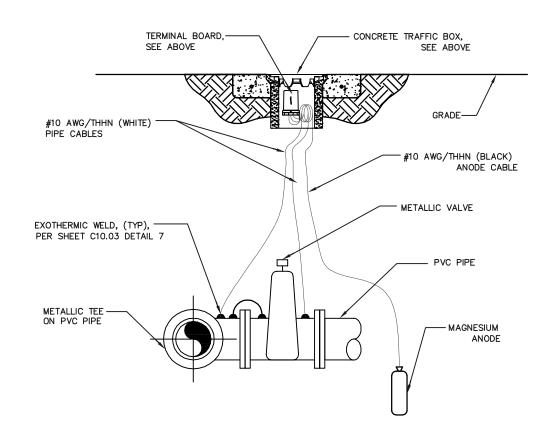


1. BOND ALL NON-WELDED, NON-INSULATING PIPE JOINTS PER DETAIL CP-10. USE BRASS GROUND CLAMP INSTEAD OF EXOTHERMIC WELD FOR CABLE CONNECTING TO COPPER PIPE. FOR DIP, USE EXOTHERMIC WELD. 2. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, INCLUDING CONCRETE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

ANODE TEST STATION- DIP & COPPER SERVICE LATERAL PIPE N.T.S.

ANODE TEST STATION - DIP & COPPER SERVICE LATERAL PIPE



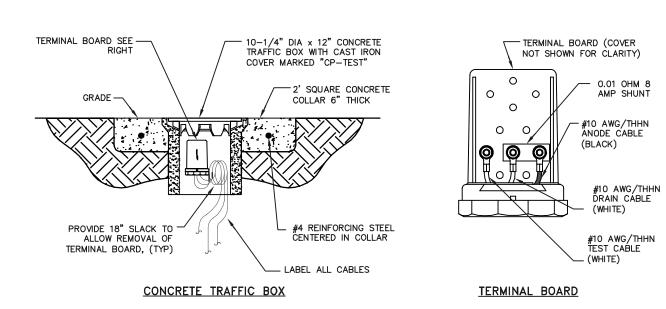


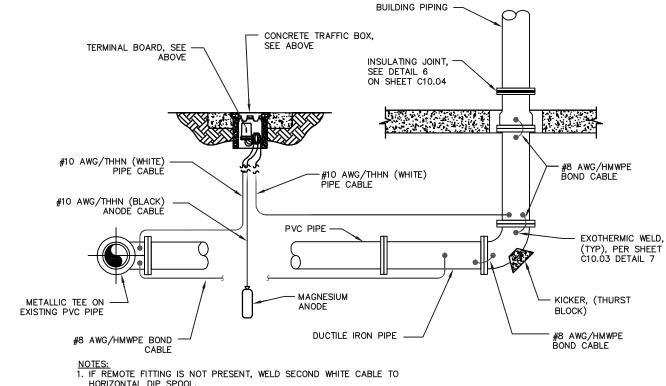
NOTES:

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



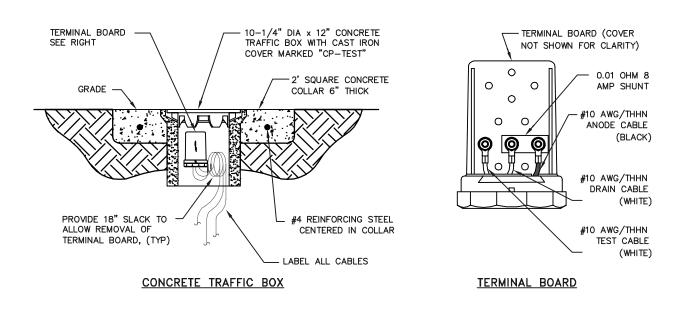


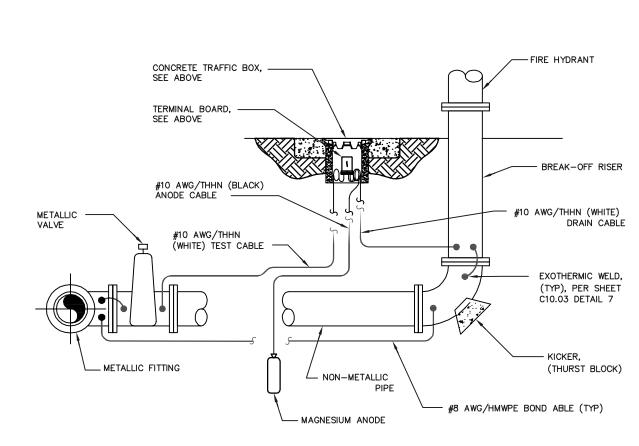
HORIZONTAL DIP SPOOL. 2. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, I NCLUDING CONCRETE REINFORCEMENT REBAR.

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

ANODE TEST STATION - SPRINKLER RISER

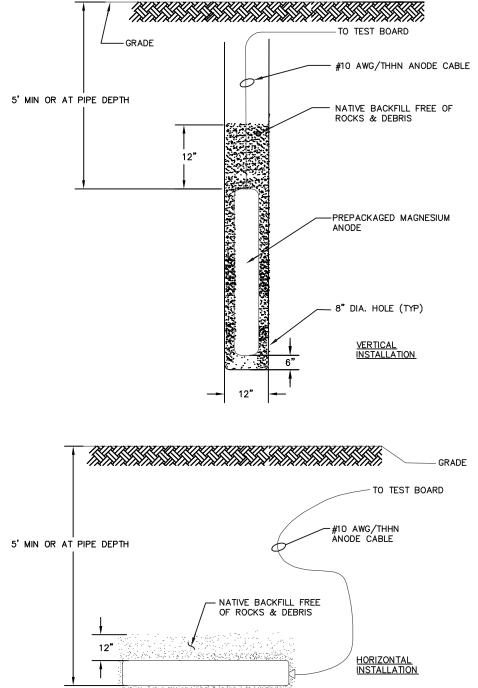


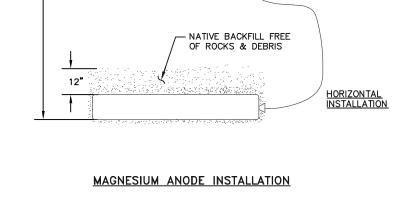




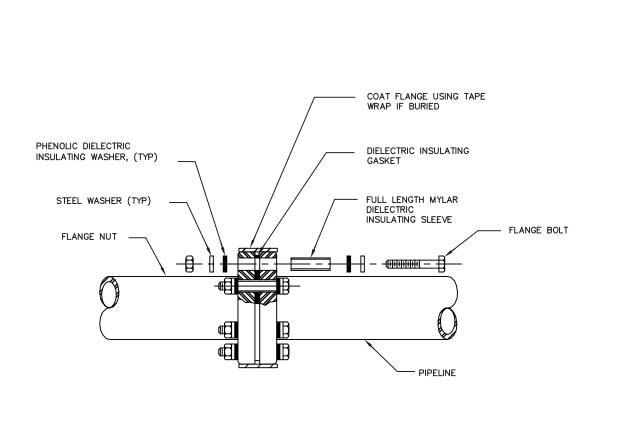
NOTES:
1. DIELECTRICALLY ISOLATE THE SUBJECT STRUCTURES FROM ALL OTHER UNDERGROUND METALLIC STRUCTURES, INCLUDING CONCRETE REINFORCEMENT REBAR. 2. UP TO 5 FITTINGS WITHIN 25 FEET OF EACH OTHER MAY BE BONDED TOGETHER. ANODE TEST STATION - FIRE HYDRANT





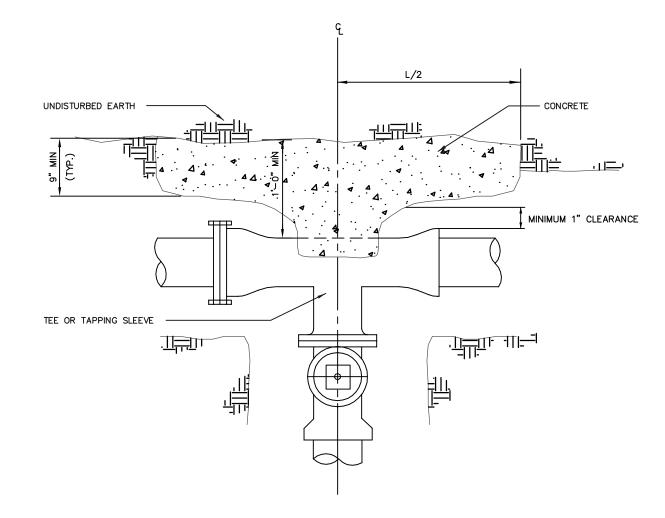






DIELECTRIC INSULATING JOINT





<u>PLAN</u>

FLANGES, BOLTS, AND NUTS SHALL BE KEPT CLEAR OF CONCRETE.

2. CENTER BEARING AREA ON PIPE & AND FORCE LINE.

BLOCKING FOR PIPE TEES				
SIDE OUTLET PIPE SIZE	BEARING (S.F.)	L &c H		
6"	3	1'9" x 1'9"		
8"	5	2'3" × 2'3		
10"	9	3'0" × 3'0"		
12"	12	3'5" × 3'5"		

THRUST BLOCK FOR TEES ____ N.T.S.

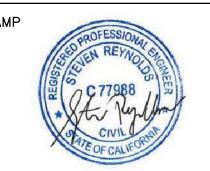


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/\ MILESTONE DATE 7/15/2021 ASA SUBMISSION ASA RESUBMITTAL 8/20/2021

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STANFORD UNIVERSITY

485 & 505 LASUEN MALL STANFORD, CA 94305

SHEET TITLE

CIVIL DETAILS

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

SHEET

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
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
80	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	28.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
81	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	5.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
83	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	13.5"	ADJACENT TO BUILDING FOOTPRINT	Υ
84	CEDRUS ATLANTICA	ATLAS CEDAR	23"	ADJACENT TO BUILDING FOOTPRINT	Υ
86	ARBUTUS 'MARINA'	MARINA MADRONE	6"	ADJACENT TO BUILDING FOOTPRINT	N
87	GINGKO BILOBA	MAIDENHAIR TREE	16"	S. BUILDING FOOTPRINT	N
88	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	Y
102	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	14"	EXISTING CENTRAL COURTYARD	N
103	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
104	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
105	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	18.5"	EXISTING CENTRAL COURTYARD	N
106	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	1.5"	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
110	BETULA UTILIS VAR.JACQUEMONTII	HIMALAYAN BURCH	3"	EXISTING CENTRAL COURTYARD	N
118	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	I N
1004	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	
			5"	FIRE LANE TURN AROUND	
1006	GINGKO BILOBA	MAIDENHAIR TREE	 		
1007	GINGKO BILOBA	MAIDENHAIR TREE		FIRE LANE TURN AROUND	

NOTE: TREES NOTED TO BE REMOVED MAY BE RELOCATED AT STANFORD PROJECT MANAGER'S DISCRETION

TREE RE	ELOCATION LIST				
NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	PROPOSED LOCATION	BARNUM ASA
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
S1008	GINGKO BILOBA	MAIDENHAIR TREE	5"	MARY BELL FLOYD GARDEN	



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ASA SUBMISSION 07.15.2021

ASA RESUBMISSION 08.20.2021

ASA RESUBMISSION 11.19.2021

PROJECT NAME

NORTH BUILDING

STANFORD UNIVERSITY

GRADUATE SCHOOL

OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

DEMOLITION, TREE

PROTECTION, REMOVAL

AND RELOCATION

NOTES

SHEET TITLE

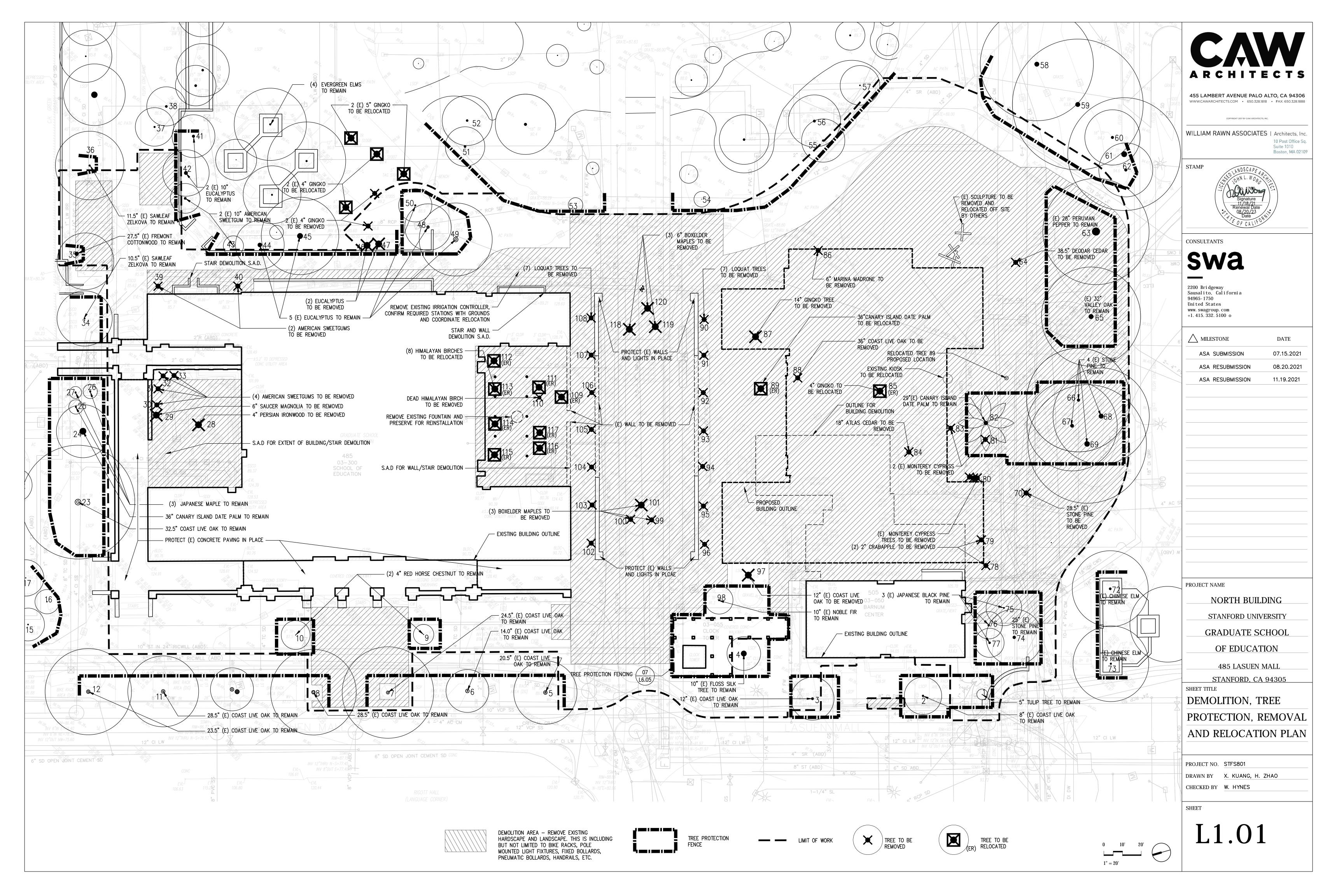
PROJECT NO. STFS801

DRAWN BY X. KUANG, H. ZHAO

CHECKED BY W. HYNES

SHEET

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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
- 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	DULE (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	_	_	_

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			

	T = == = == = = = = = = = = = = = = = =
SYM	DESCRIPTION
0.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

EY	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
(A7B)	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
(8A)	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

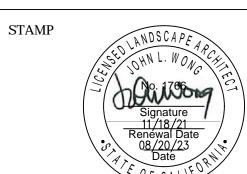


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△ MILESTONE	DATE
ASA SUBMISSION	07.15.20
ASA RESUBMISSION	08.20.20
ASA RESUBMISSION	11.19.202

PROJECT NAME

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GRADUATE SCHOOL

OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305
SHEET TITLE
LANDSCAPE SITE PLAN

NOTES

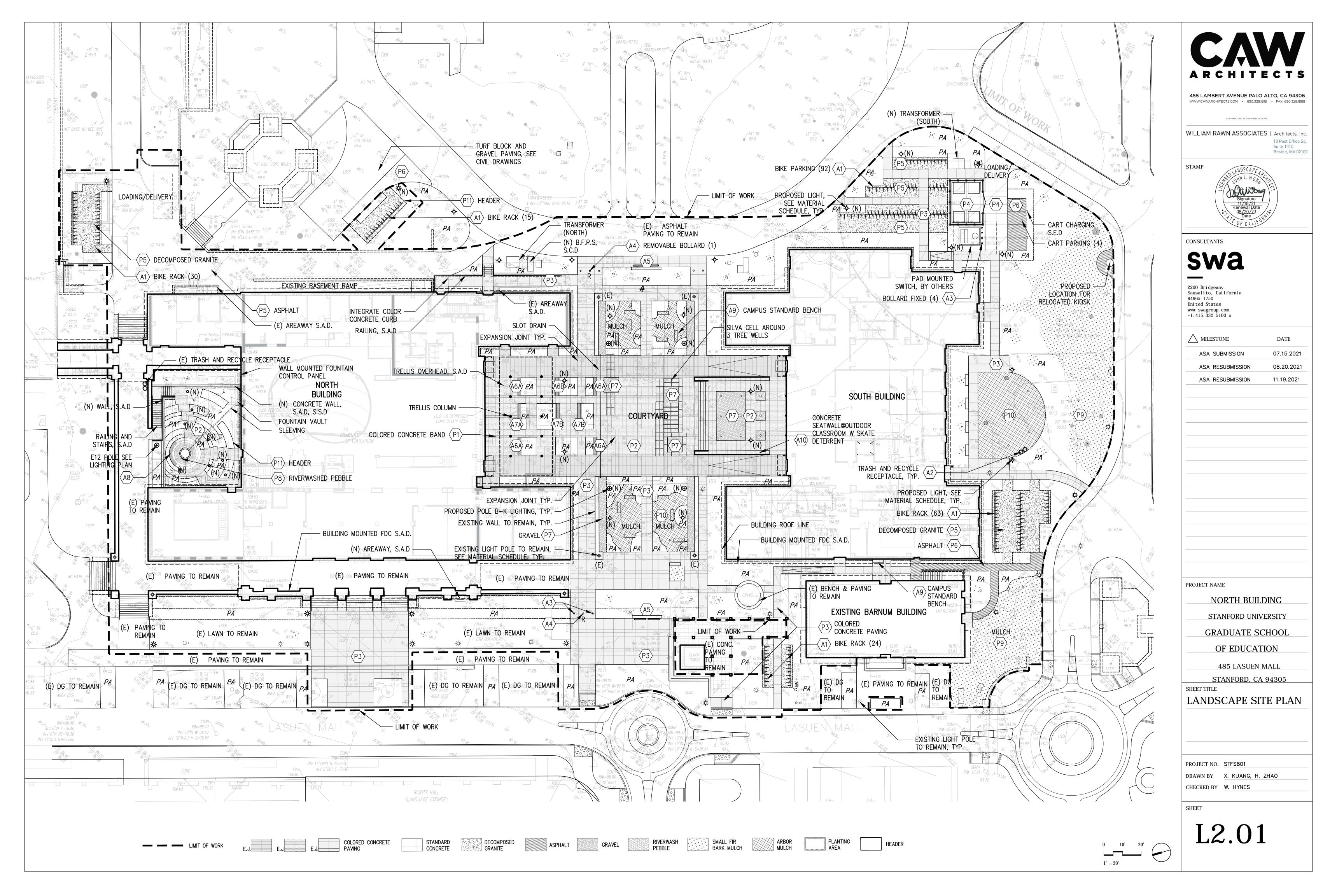
PROJECT NO. STFS801

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	ELOCATION LIST				
NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	PROPOSED LOCATION	BARNUM ASA
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
S1008	GINGKO BILOBA	MAIDENHAIR TREE	5"	MARY BELL FLOYD GARDEN	

BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WUCOLS	COMMENTS
				(REG. 1)	
<u>TREES</u>					
ACER RUBRUM 'BOWHALL'	BOWHALL RED MAPLE	36" BOX	PER PLAN	M	6' MIN CLEAR TRUNK
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	RELOCATED/24" BOX	PER PLAN	Н	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	L	
QUERCUS AGRIFOLIA	COAST LIVE OAK	48" BOX	PER PLAN	VL VI	
QUERCUS AGRIFOLIA	COAST LIVE OAK VALLEY OAK	RELOCATED/72" BOX 36"/48" BOX	PER PLAN PER PLAN	VL	
QUERCUS LOBATA QUERCUS SUBER	CORK OAK	36"/48" BOX	PER PLAN	L	
SEQUOIA SEMPERVIRENS	COAST REDWOOD	36" BOX	PER PLAN	Н	
SEQUOIA SEIVII EIVVIIVEIVO	COAST REDWOOD	30 BOX	I LIV I LAIN	11	
SHRUBS AND GROUNDCOVERS		5.044	40" 0 0 751		
ARCTOSTAPHYLOS 'HOWARD MCMINN'	MANZANITA	5 GAL	48" O.C. TRI	L	
COPROSMA KIRKII	COPROSMA	5 GAL	30" O.C. TRI	L	
DIETES IRIDOIDES	FORTNIGHT LILY	5 GAL	30" O.C. TRI	L	
ESCALLONIA 'COMPACTA' ESCALLONIA 'FRADESII'	DWARF ESCALLONIA ESCALLONIA	5 GAL 5 GAL	30" O.C. TRI 30" O.C. TRI	M M	
HEBE 'AUTUMN GLORY'	HEBE	5 GAL	30" O.C. ROW	M 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	
DROVE DI ANTINO					
GROVE PLANTING	CODDOCHA	5 CAI	70" ∩ C TDI	ı	
COPROSMA KIRKII COTONEASTER HORIZONTALIS	COPROSMA ROCKSPRAY COTONEASTER	5 GAL 5 GAL	30" O.C. TRI 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	L	
14.5V 5514 51.6VD 04.55514					
MARY BELL FLOYD GARDEN	CTD A WIDDDY DUCLI	5 CAI	76" O.C. DOW	1	
ARBUTUS 'ELFIN KING' CHOISYA TERNATA	STRAWBRRY BUSH MEXICAN ORANGE	5 GAL 5 GAL	36" O.C. ROW 36" O.C. ROW	L M	
FRAGARIA CHILOENSIS	STRAWBERRY	5 GAL	36" O.C. TRI	IVI M	
_AVANDULA STOECHAS	SPANISH LAVENDER	5 GAL	30" O.C. ROW	IVI 	
PLUMBAGO AURICULATA	CAPE PLUMBAGO	5 GAL	36" O.C. TRI		
PUNICA GRANATUM 'NANA'	DWARF POMEGRANATE	5 GAL	30" O.C. ROW	Ĺ	
ROSMARINUS 'COLLINGWOOD INGRAM'	ROSEMARY	5 GAL	36" O.C. ROW	Ĺ	
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" 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	
COPROSMA KIRKII	COPROSMA	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	
RIBES SPECIOSUM	FUCHSIAFLOWER GOOSEBERRY	5 GAL	36" O.C. TRI	1	

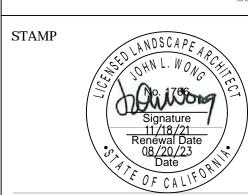


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ASA RESUBMISSION	11.19.20
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STANFORD UNIV	ERSITY
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OF EDUCAT	TION
485 LASUEN	MALL
	94305

PLANTING NOTES

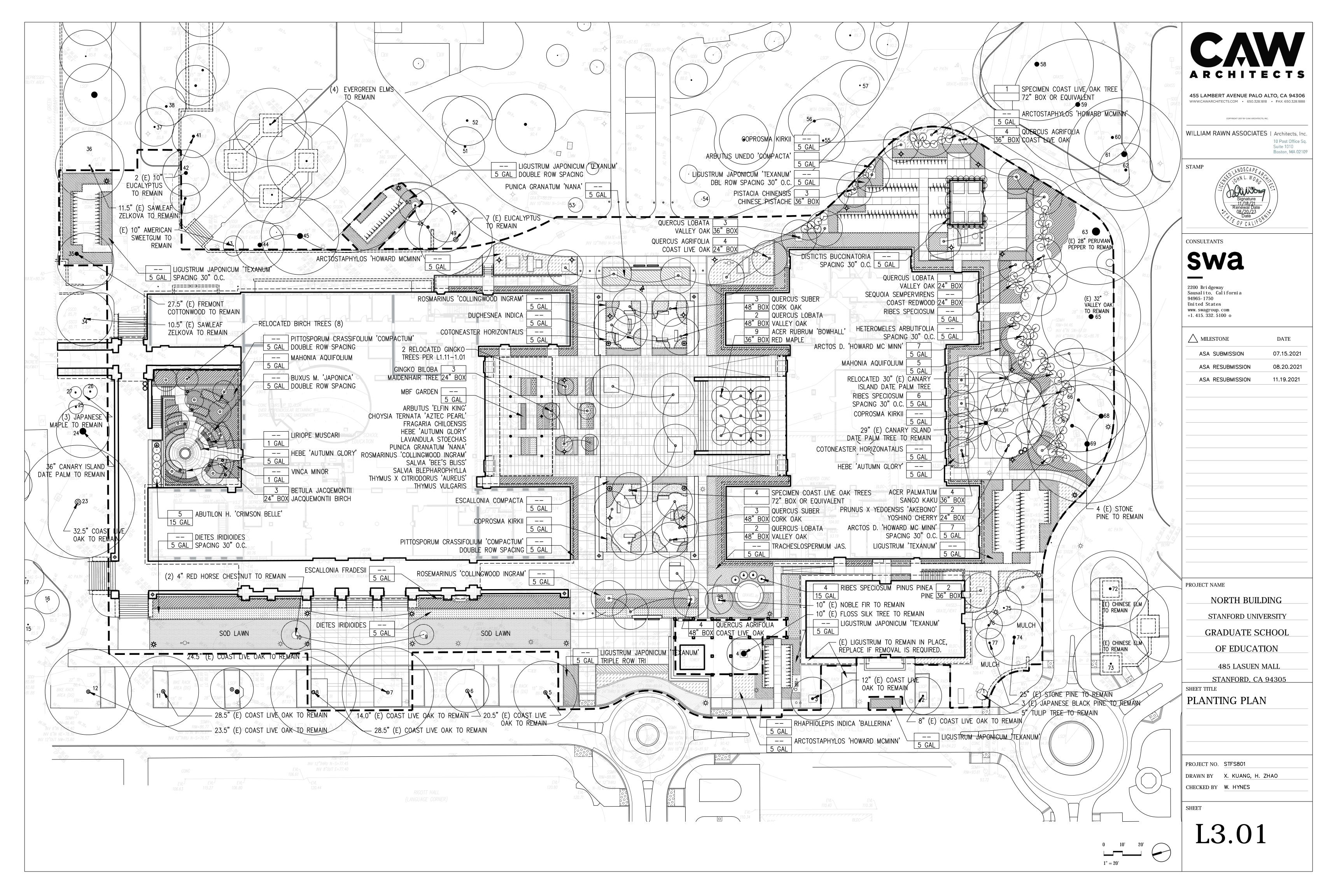
PROJECT NO. STFS801

DRAWN BY X. KUANG, H. ZHAO

CHECKED BY W. HYNES

SHEET

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 INSULATING JACKET. CONTROL WIRE SERVICING REMOTE 31. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE 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" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE 33. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR 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
 - 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.

- 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.

(6) PALM TRUNK

(7) ADAPTER TEE FROM PVC TO DRIPLINE

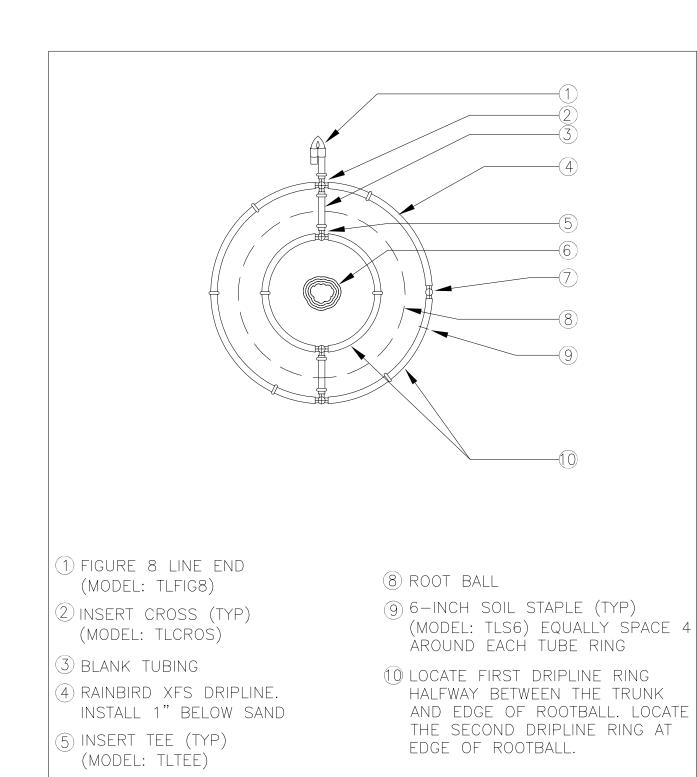
SCALE: NONE

DRIP RINGS AROUND PALM

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)



IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	PSI	OPERATING RADIUS (FEE ⁻
\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
४	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 EBV-0500-T	NETAFIM DRIPLINE AIR/V			RALL VALVE
0	1806-SAM/MPR-5Q	RAIN BIRD POP-UP SPR	inkler with	H SIDE INLET	AND A
•	PESB SERIES	CLOSED 5' NOZZLE TO RAIN BIRD REMOTE CONT L4.02			
	100-PEB-PRS-D/ RBY100MPTX	RAIN BIRD REMOTE CONTREGULATOR (SET TO 45			
•	44RC	RAIN BIRD QUICK COUPL	•	· ·	
×	LGT-XX-SS	LEEMCO STAINLESS STEE SMALLER	L GATE VAL	ve (line size	E)-2.5" AND
(MV)	3300-2"	SUPERIOR MASTER VALVE	·	RMALLY OPEN	1)
FS	FS-150B 3300-1"	RAIN BIRD FLOW SENSOI SUPERIOR MASTER VALVE		RMALLY OPEN	1)
	FS-100B	RAIN BIRD FLOW SENSOR	2		
	500HLR-2"	AMIAD 2" TAF-750 LAKE WILKENS WYE PRESSURE			
	825YA-1"	FEBCO REDUCED PRESSI			Ý
⟨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 ENC BEFORE CONTROLLER IS SURVEY VISIT TO ENSUR	TERFACE AN ALL IN A SI CLOSURE. CO ORDERED T	D FLOW MON NGLE STAINLE ONTACT RAIN TO 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 SI CONTACT RAI D TO COORI	D FLOW MON NGLE STAINLE N BIRD SERV DINATE A LINA	ITORING WITH ISS STEEL WAL ICES BEFORE
•	<u>'</u>	- CONTROLLER AND STATION	NUMBER		
		- FLOW (GPM) - REMOTE CONTROL VALVE - ASSOCIATED REMOTE CON	`	HES)	
		- ASSOCIATED REMOTE CON - CONTROLLER AND STATION			
• •		- AREA (SQ. FT.)			
• •		FLOW (GPM)			
		- REMOTE CONTROL VALVE - ASSOCIATED REMOTE CON	`	HES)	
			DULE 40 PY 40 PVC SOL	VC PLASTIC P LVENT WELD (
			DULE 40 PY 40 PVC SOL	VC PLASTIC P LVENT WELD F	
==	=====	AS INDICATED A	ED IN SPECI ABOVE FOR	ASTIC PIPE. C IFICATIONS OR PIPE DEPTH	R AS
			DULE 40 PY 40 PVC SOL	VC PLASTIC P LVENT WELD F	
PVC LATERA PVC SUPPL HEADE	PVC EXHAUST	DRIPLINE REMOTE CONTROLL DRIP ZONE: RAIN BIRD X INSERT FITTI INSTALLED 4 ACCORDING FOLLOWS: 1 EXHAUST HE 1" SCH 40 SOLVENT WE THE ENDS (ROL VALVE (FS SERIES NGS, PART 7 "BELOW GF TO DETAILS. ": 0-10 GP! ADERS SHAL FLEXIBLE PV LD FITTINGS. SEE DETAI	#XFS-06-12. RADE IN A 12 SIZE EXHAUS M, 1.25": 11- LL BE 1" SCH /C. USE SCH. . EXTEND PVC	TUBING TO B "O.C. GRID THEADERS AS -20 GPM. ALL H40 PVC OR 40 PVC HEADERS TO BALANCE FLOW
PVC LATERA		DRIPLINE REMOTE CONTR			
		- approximate connection	N POINT BE DRIP ZONE	ETWEEN DRIPL	LINE TUBING

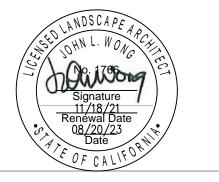
ALL COPIES OF IRRIGATION INVOICES FOR ANY RAIN BIRD PRODUCTS USED ON THIS PROJECT TO BE RETAINED AND SUBMITTED TO STANFORD GROUNDS SERVICES. CONTACT DAVID REED (650) 444-6530



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94965-1750 United States www.swagroup.com +1.415.332.5100 o /\ MILESTONE DATE 07.15.2021 ASA SUBMISSION 08.20.2021 ASA RESUBMISSION ASA RESUBMISSION 11.19.2021 PROJECT NAME NORTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 485 LASUEN MALL STANFORD, CA 94305

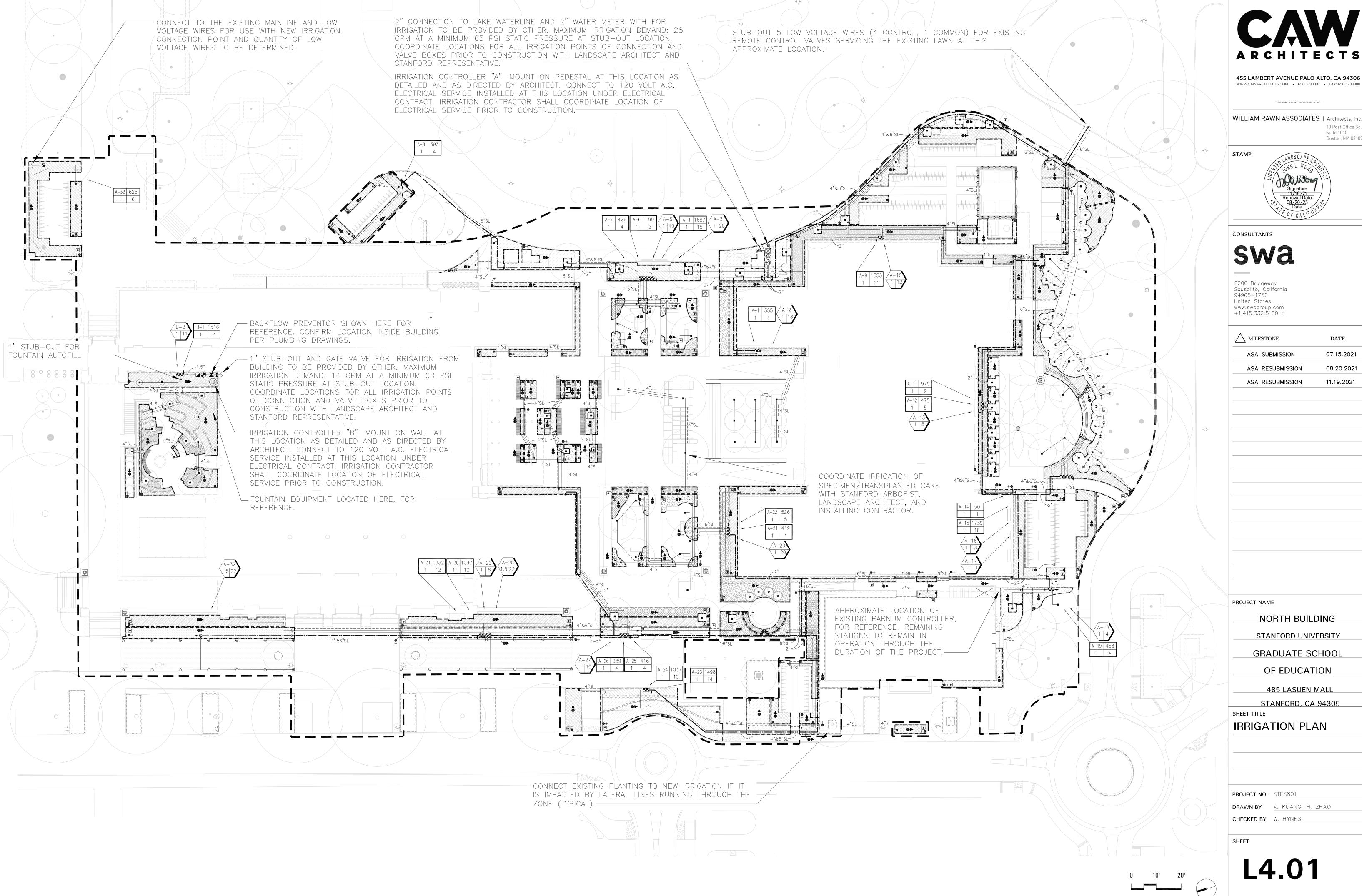
> IRRIGATION NOTES AND LEGEND

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

CHECKED BY W. HYNES

SHEET

SHEET TITLE



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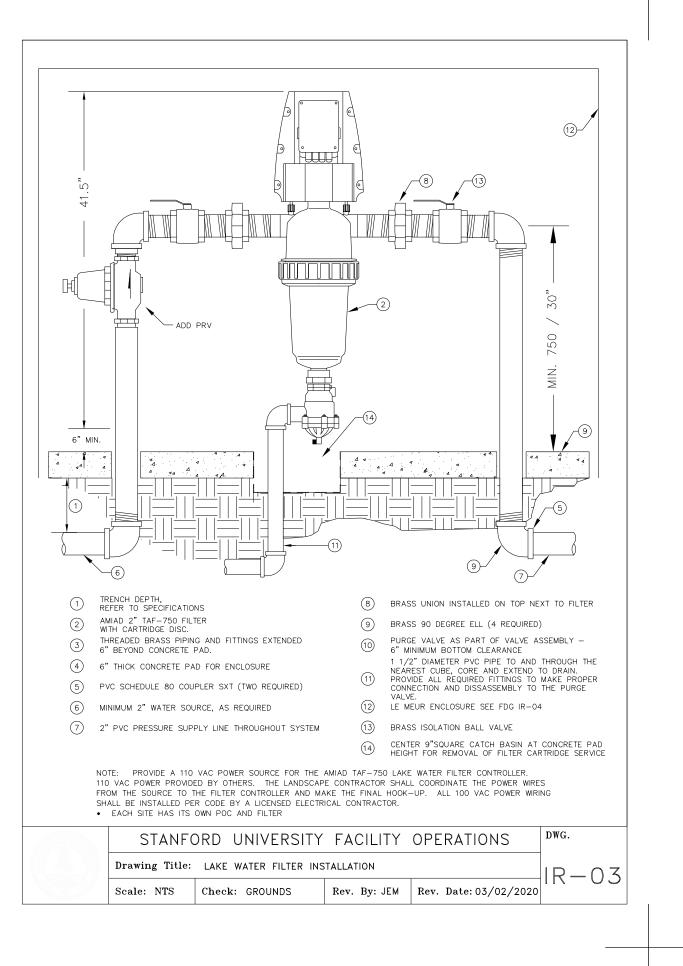
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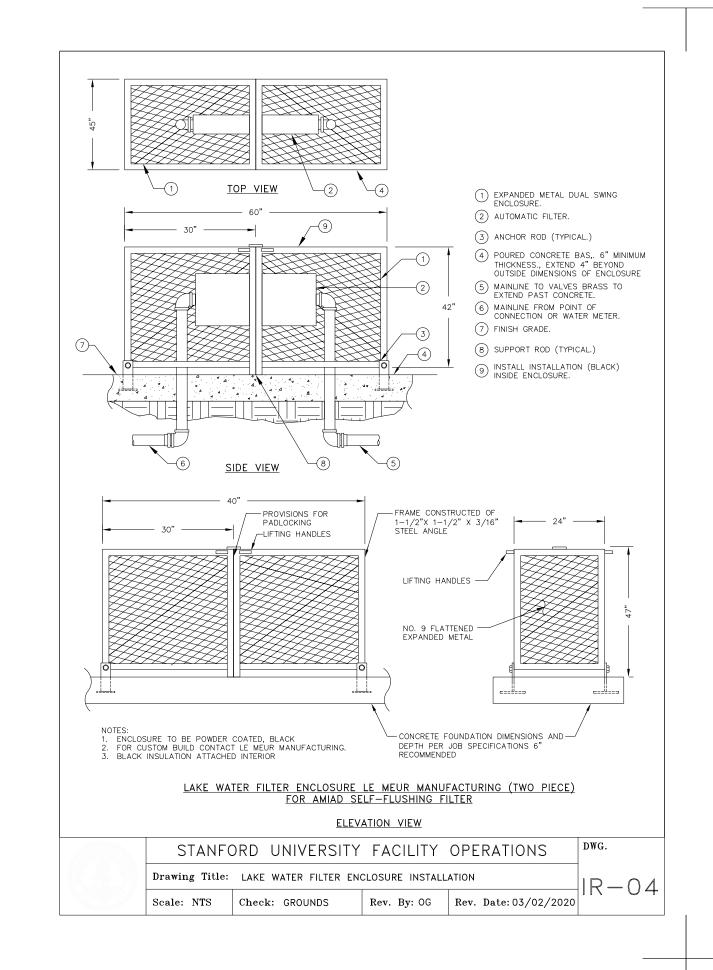
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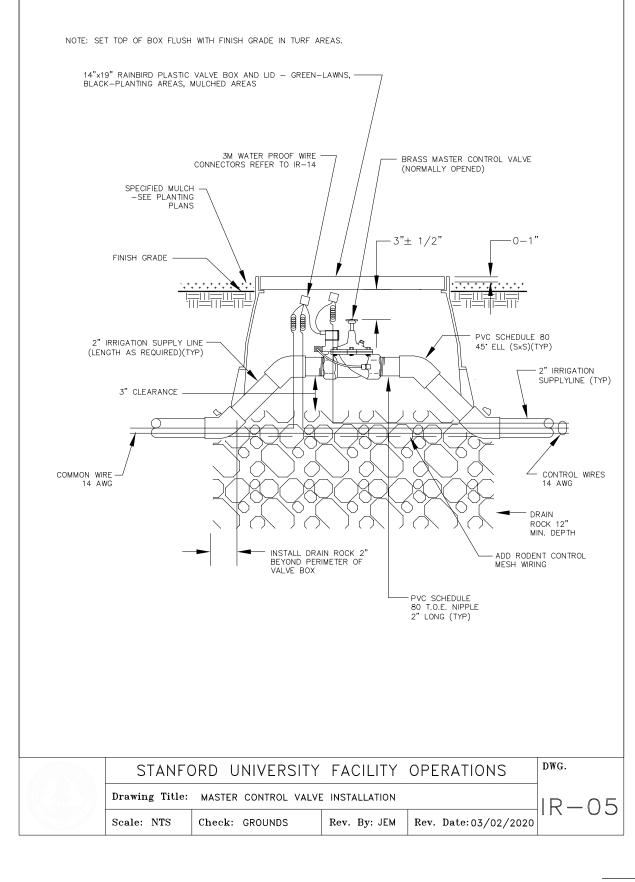
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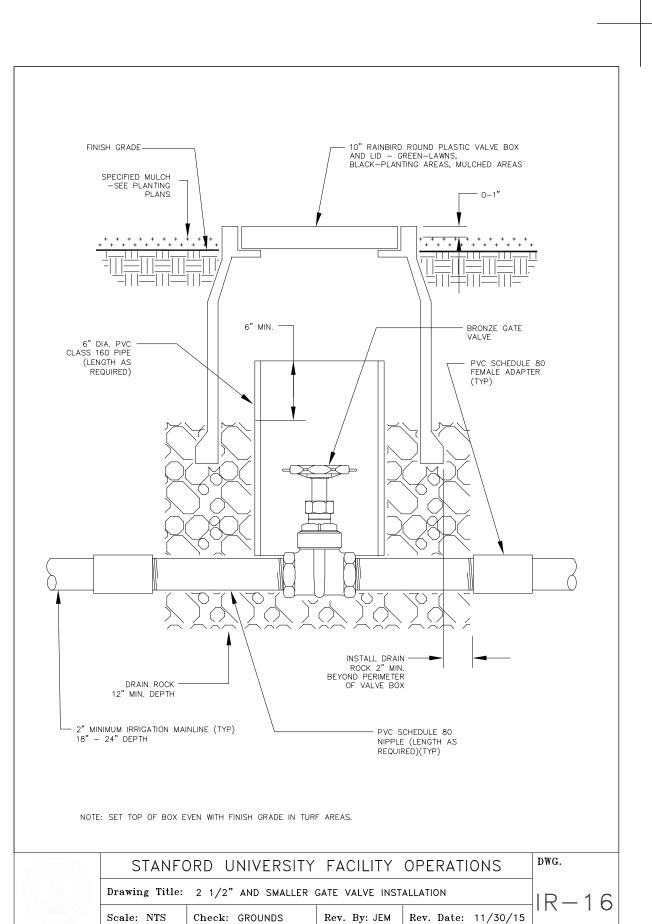
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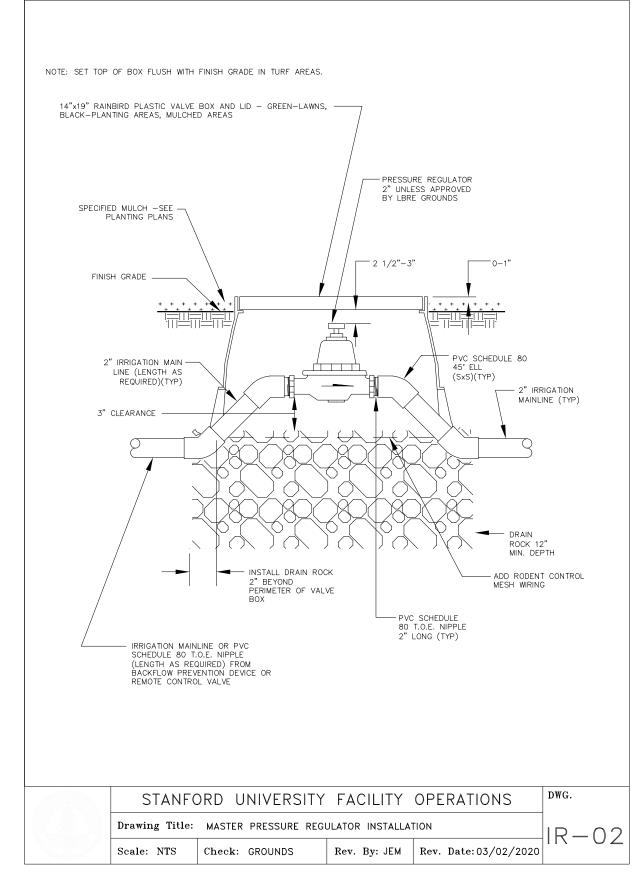
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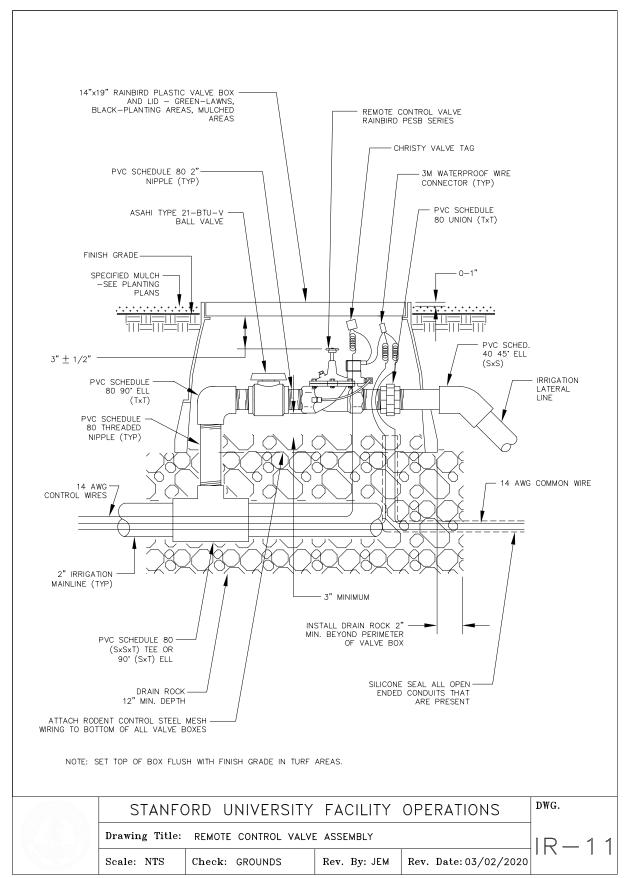














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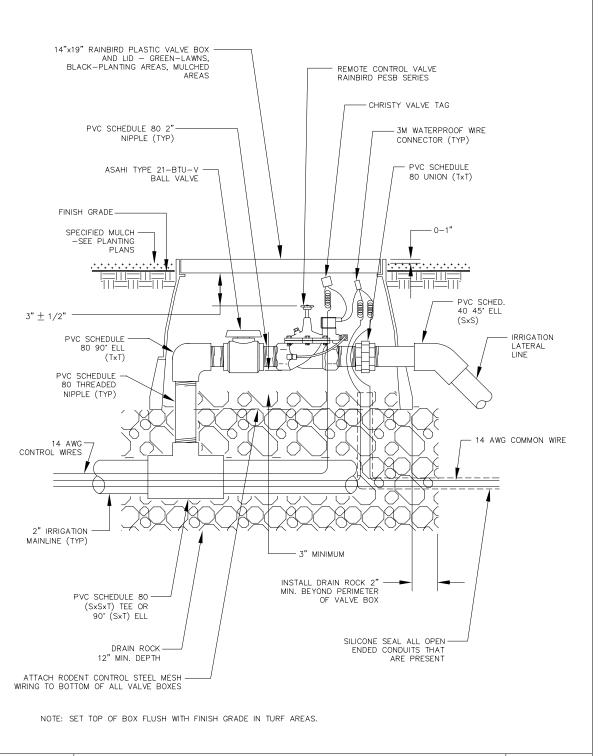
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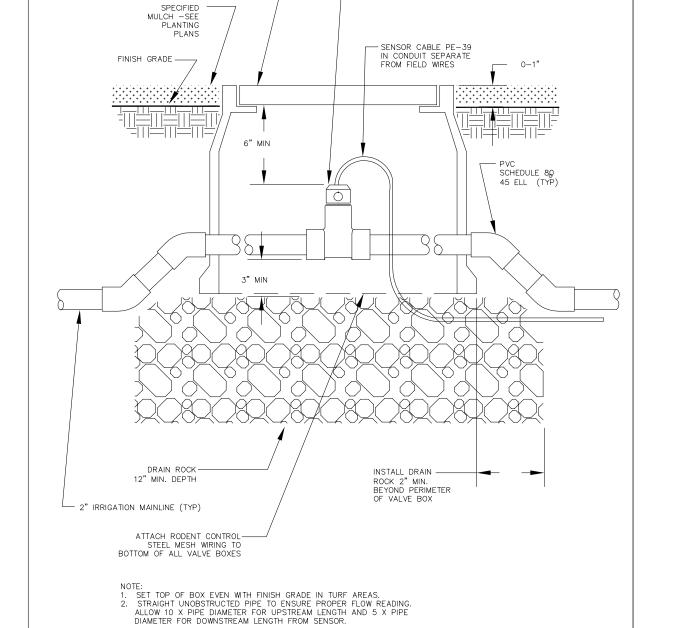
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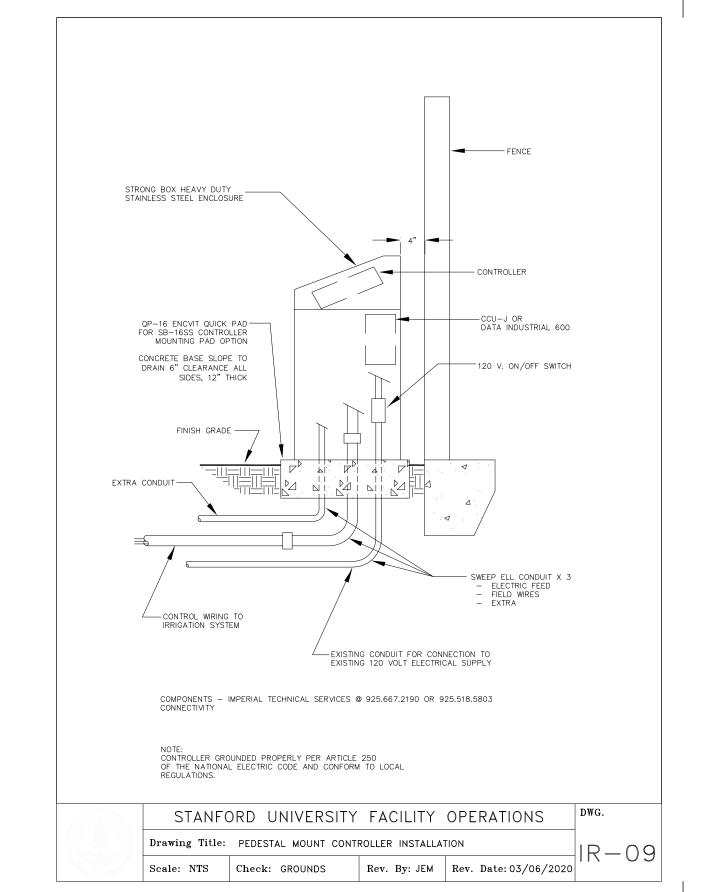




— 10" RAINBIRD ROUND
PLASTIC VALVE BOX AND
LID — GREEN-LAWNS,
BLACK-PLANTING AREAS,
MULCHED AREAS

____ 2" RAINBIRD FLOW SENSOR

STANFORD UNIVERSITY FACILITY OPERATIONS Drawing Title: FLOW SENSOR INSTALLATION Scale: NTS | Check: GROUNDS | Rev. By: JEM | Rev. Date: 03/02/2020



PROJECT NAME SHEET TITLE

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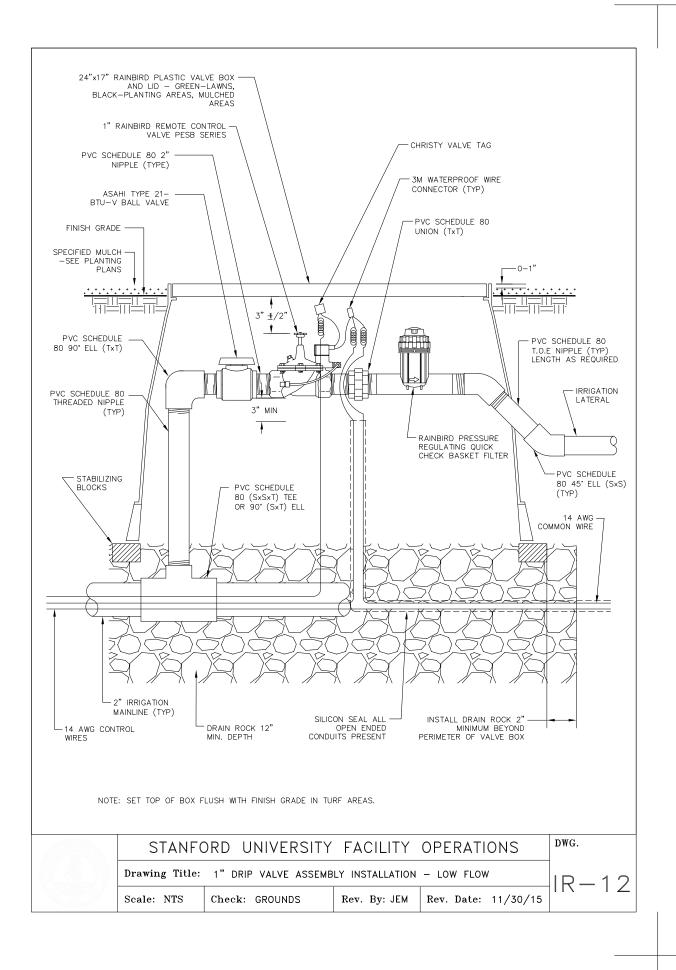
485 LASUEN MALL

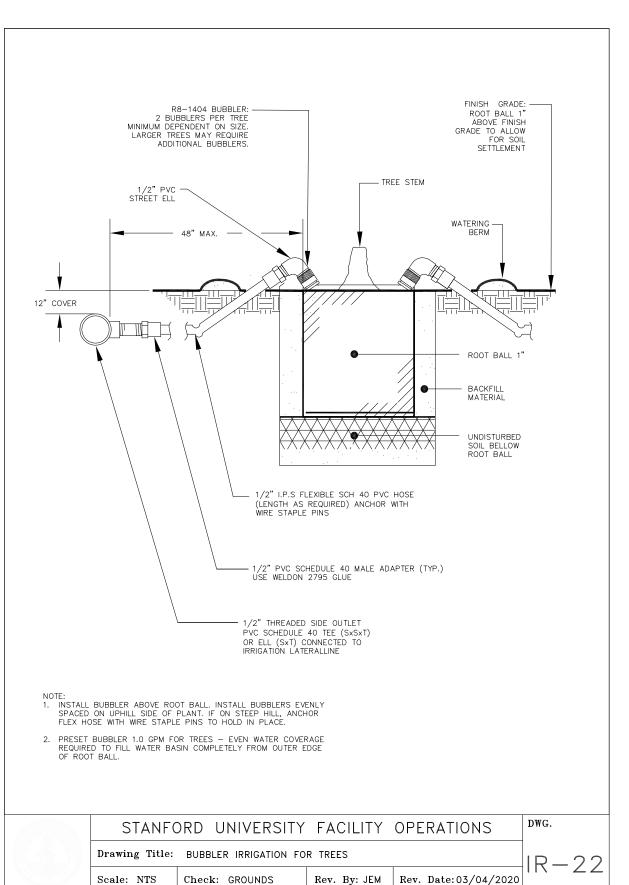
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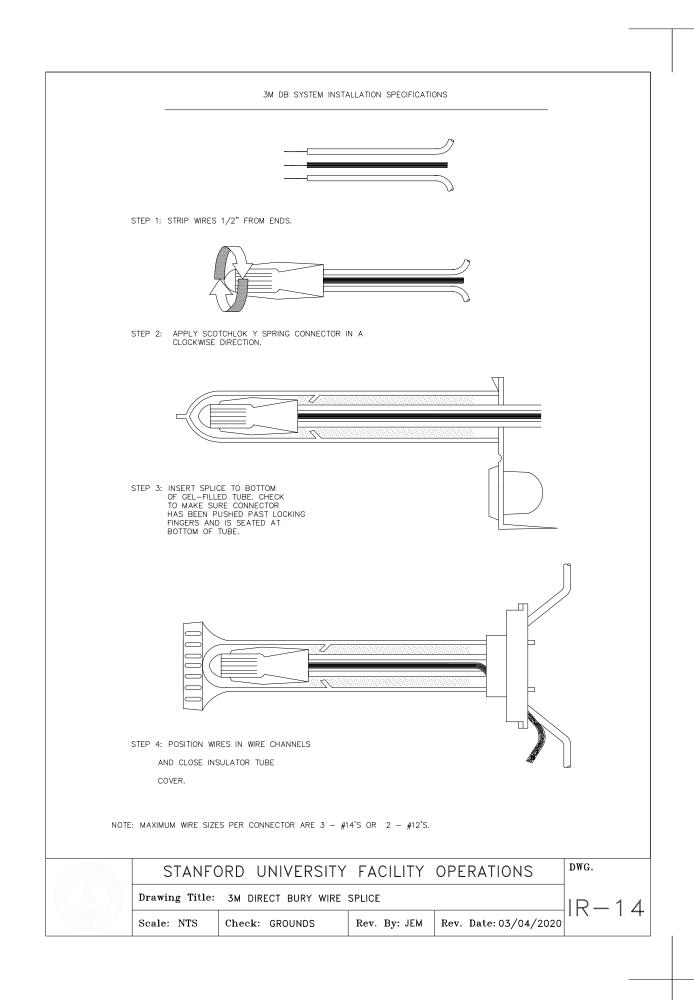
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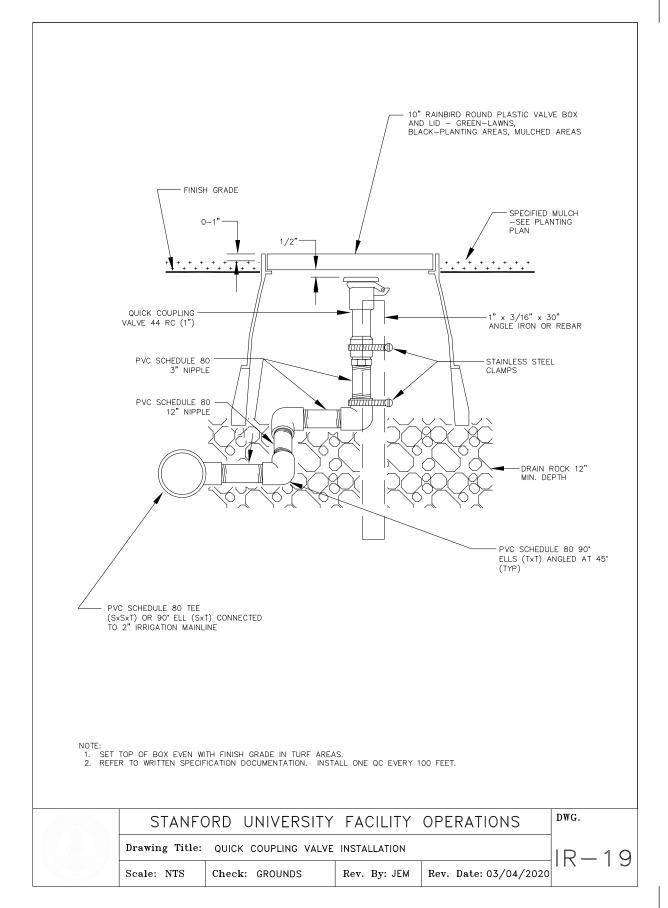
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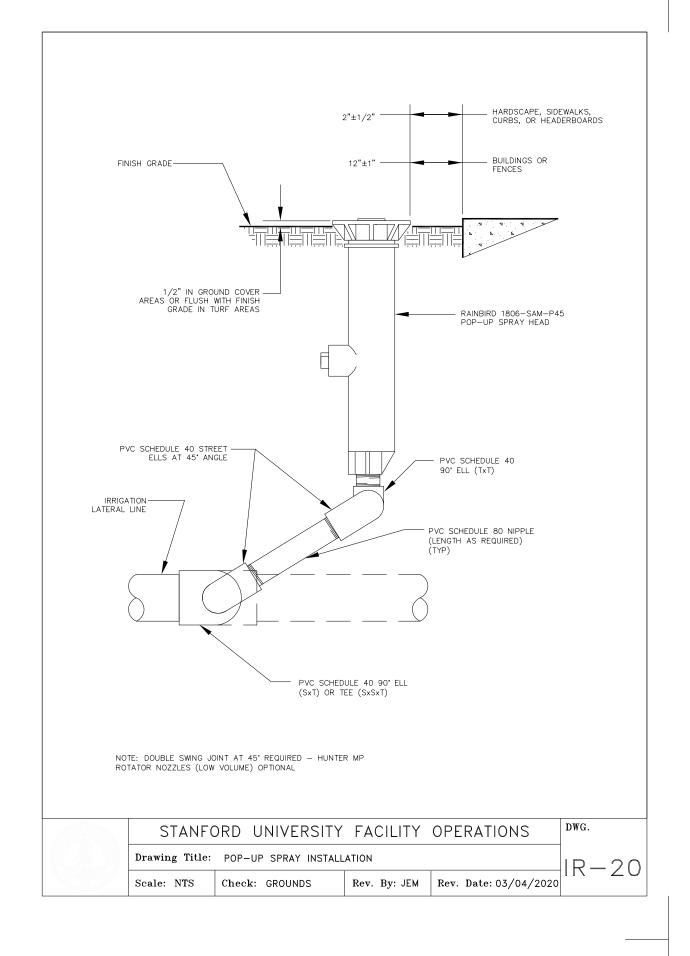
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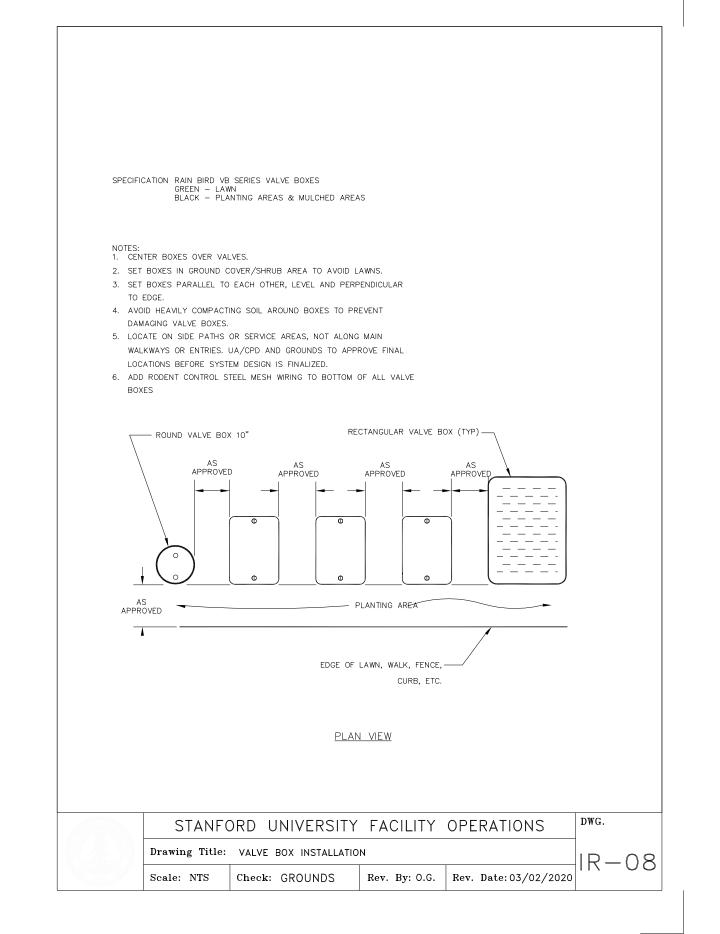


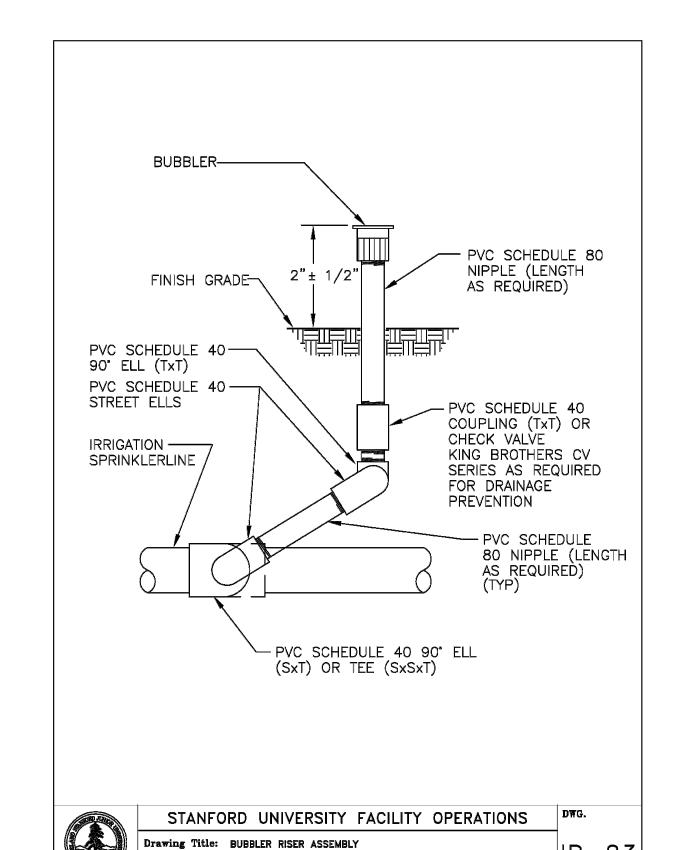




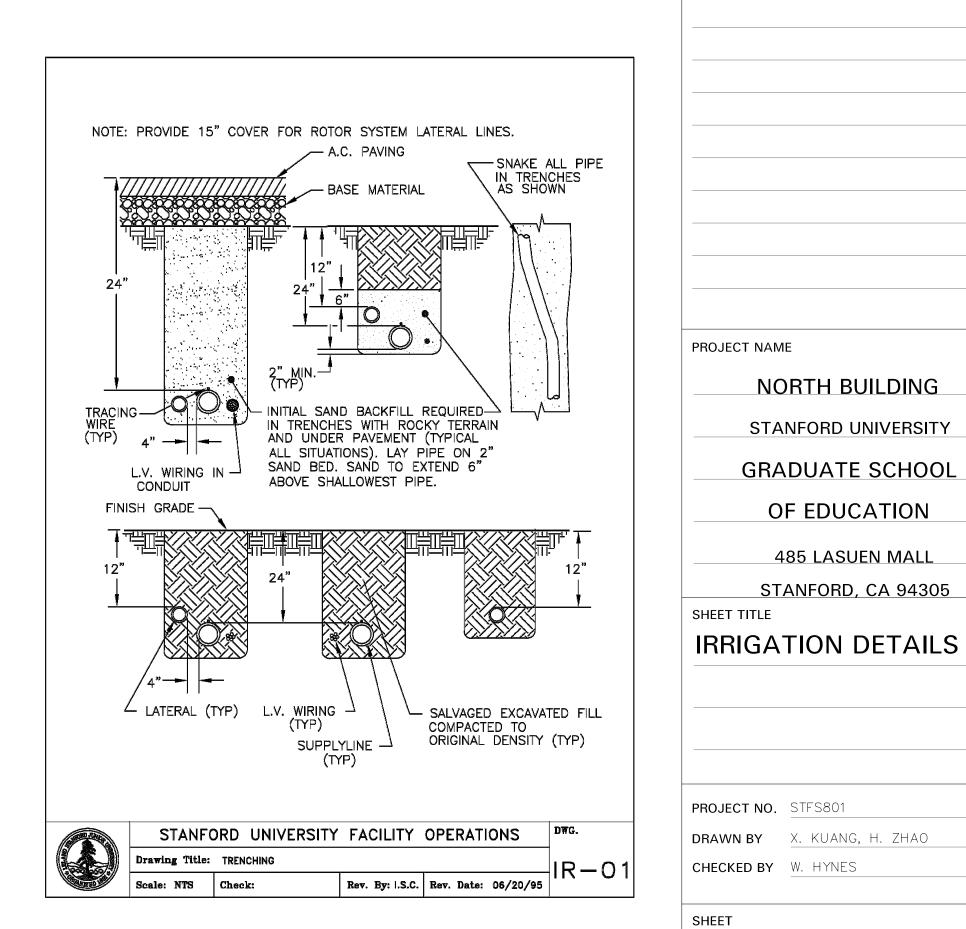








Rev. By: I.S.C. | Rev. Date: 06/20/95 |





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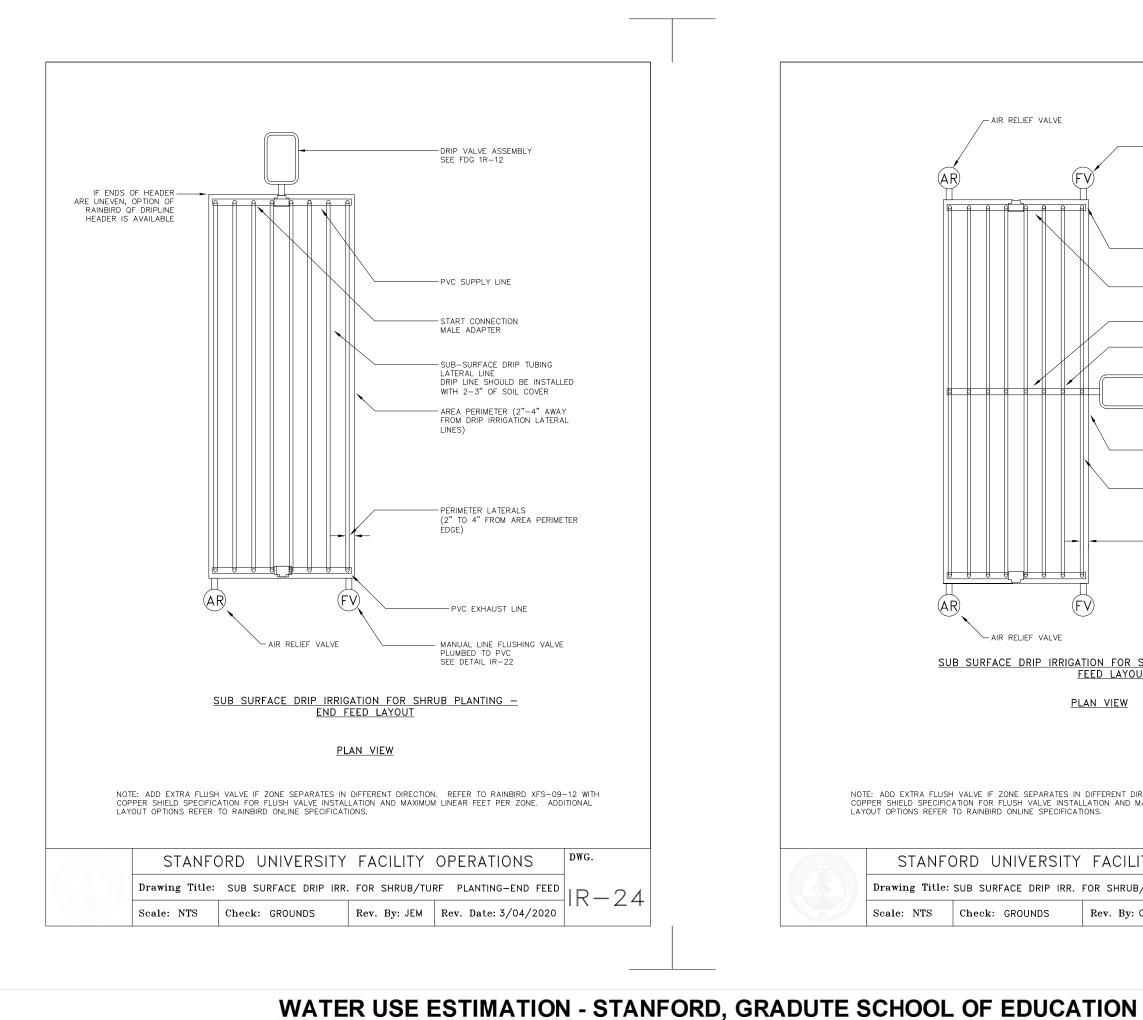
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DRAWN BY X. KUANG, H. ZHAO CHECKED BY W. HYNES

L4.03



| PLANT WATER | PLANT | IRRIGATION | IRRIGATION |

0.2

0.4

LOW

MOD

USE TYPE FACTOR (PF) METHOD EFFICIENCY

DRIP

DRIP

0.81

0.81

WATER TYPE

REGULAR LANDSCAPE AREAS

HYDROZONE #

1

2

SITE ETO=

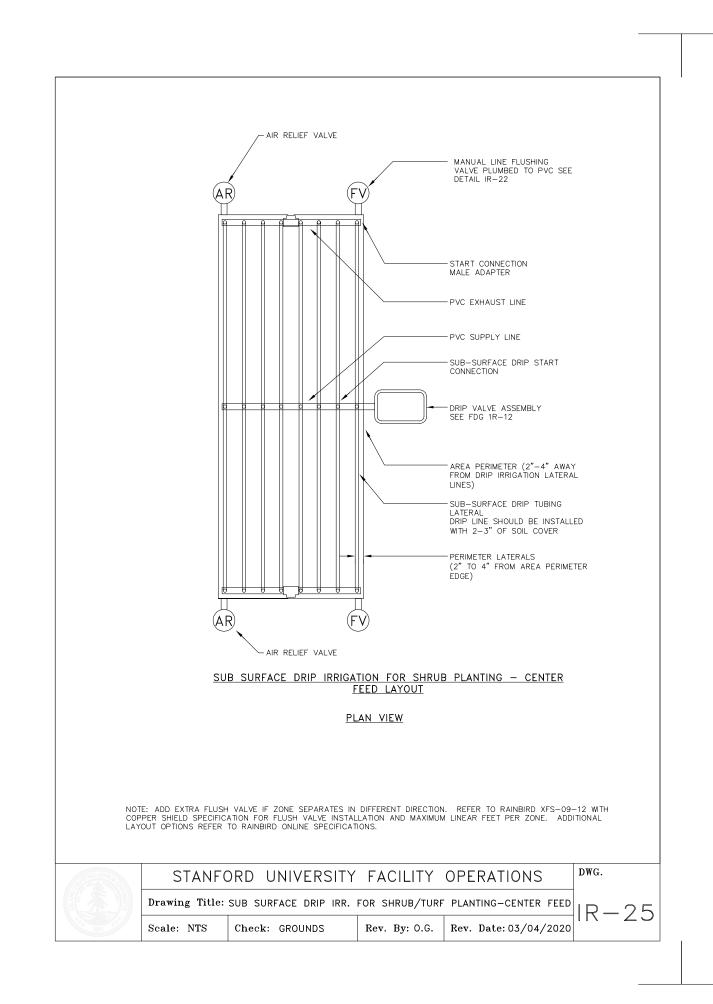
LAKE

43.4 10/9/2020

HYDROZONE NAME

SHRUBS/GROUNDCOVER

SHRUBS/GROUNDCOVER



AREA (SQ. FT)
(HA)

ETAF X AREA (HA)

ETWU
(GAL/YR)

ACRE FEET/
YEAR

HCF/ YEAR

115,950

0.14

0.36

60.84

155.01

1,691

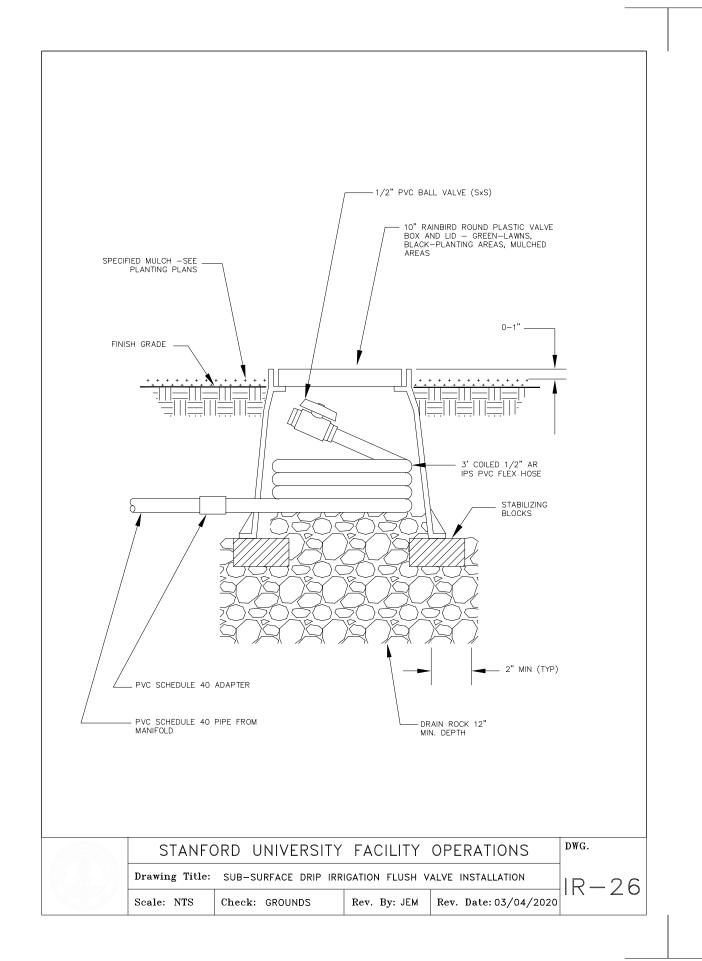
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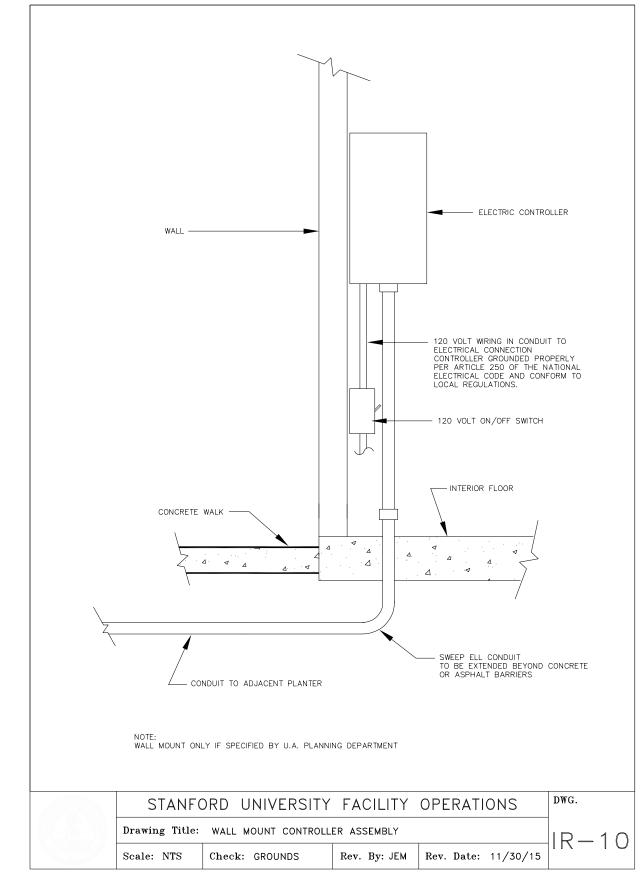
PERCENTAGE OF

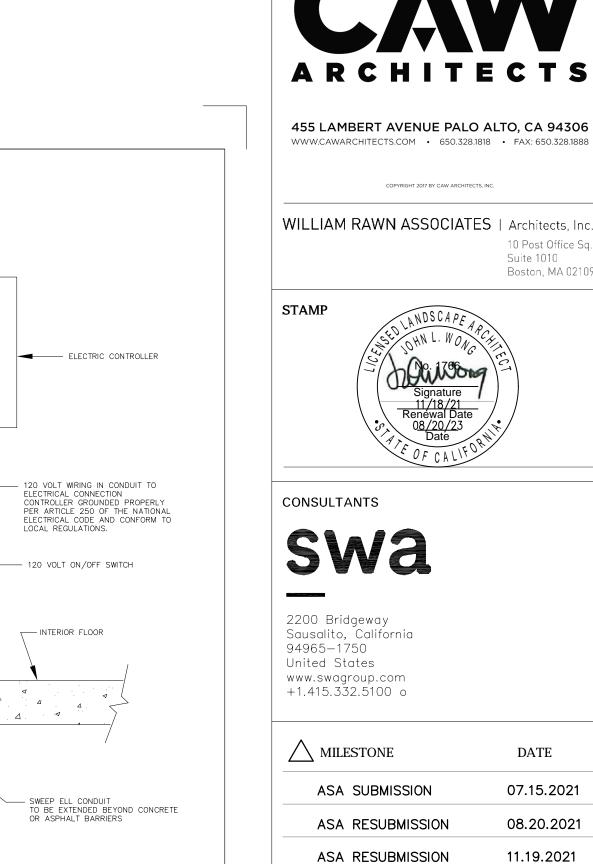
LANDSCAPE

23%

30%







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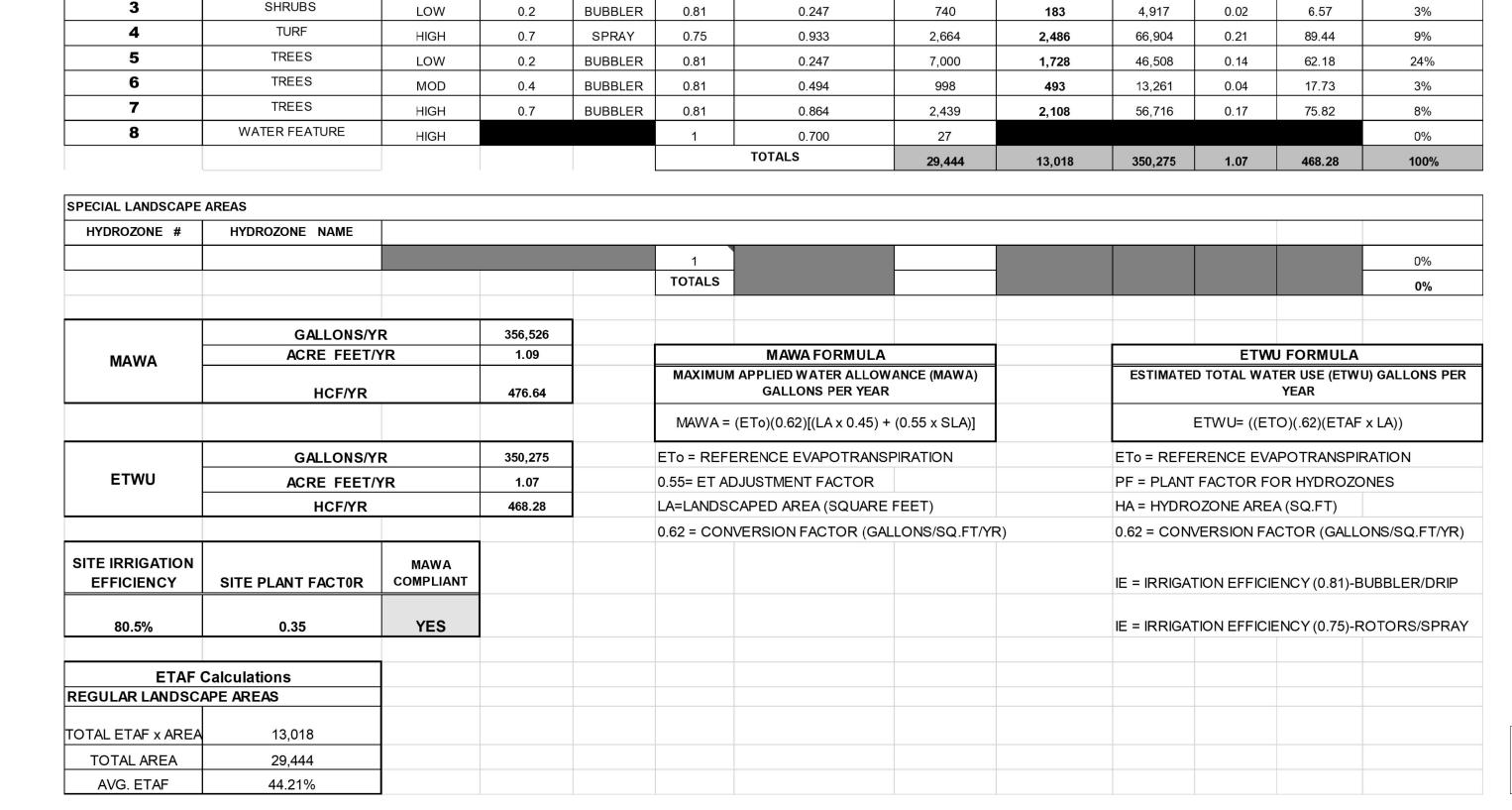
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DATE

07.15.2021

08.20.2021

11.19.2021



ETAF (PF/IE)

0.247

0.494

(HA)

6,850

8,726

IRRIGATION TO BE SERVED BY LAKE.

NORTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 485 LASUEN MALL STANFORD, CA 94305 SHEET TITLE IRRIGATION DETAILS

PROJECT NAME

L4.04

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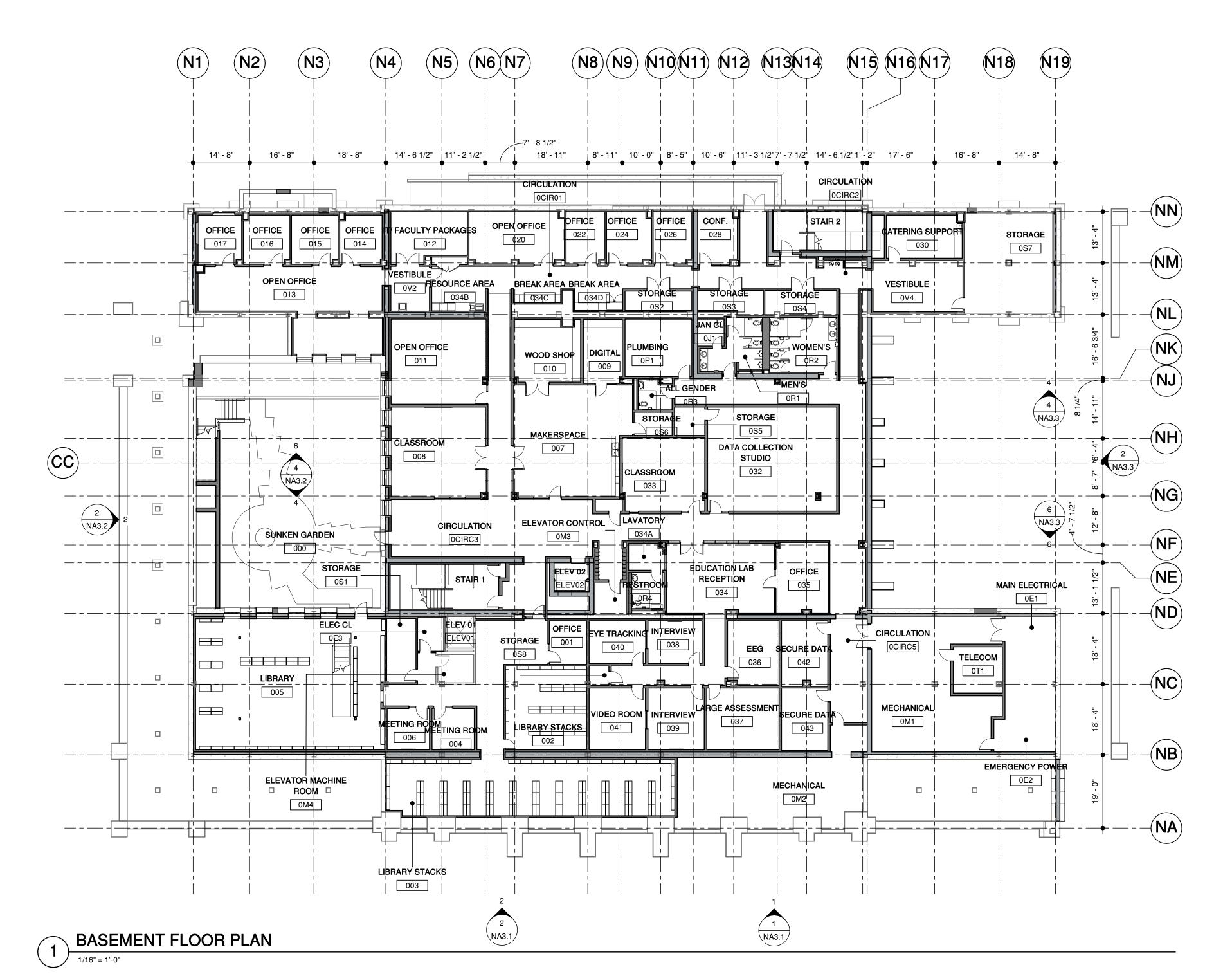
SHEET

- 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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ASA RESUBMISSION	11/19/2021

NORTH BUILDING GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

PROJECT NAME

NB BASEMENT FLOOR PLAN

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

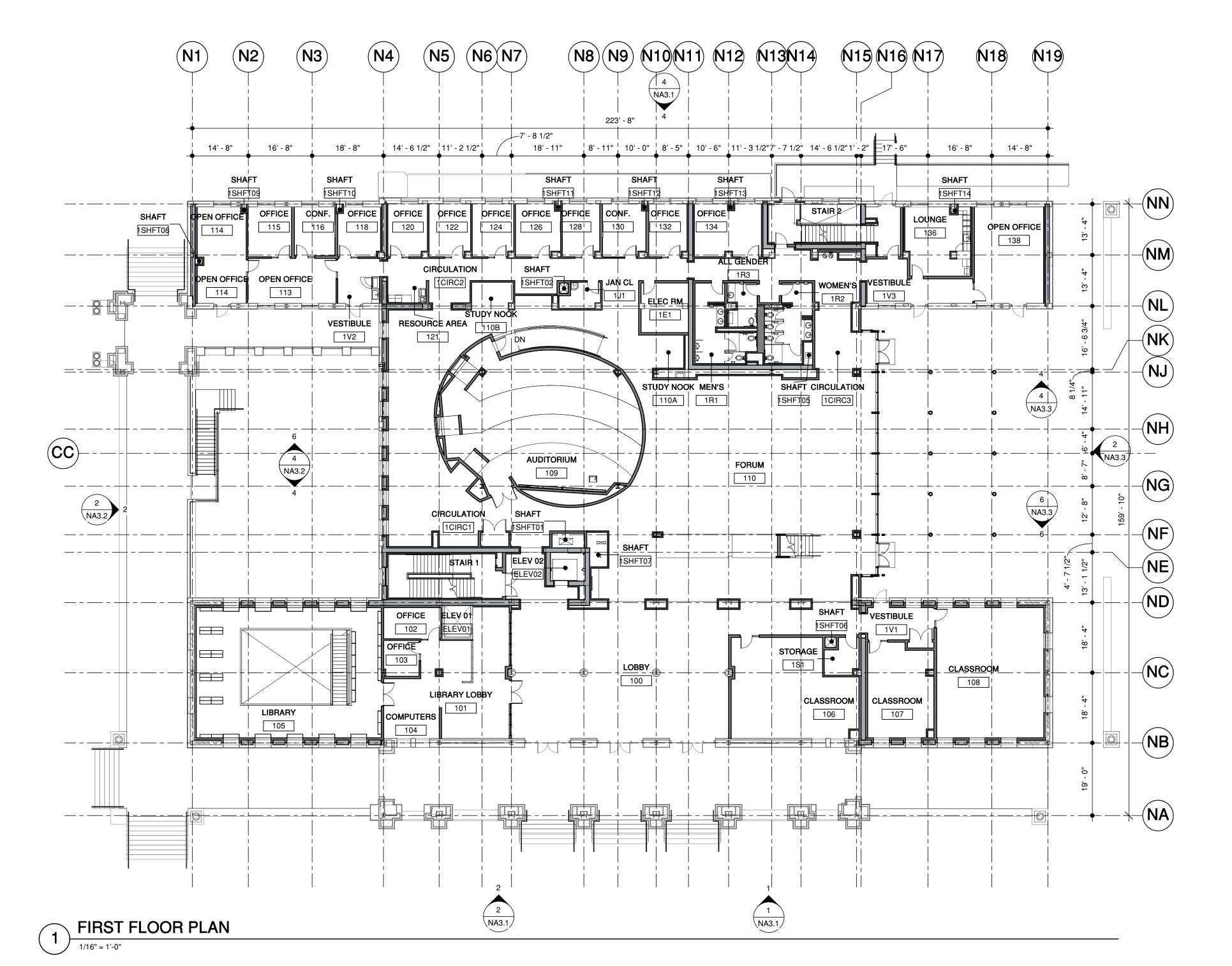


- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, TO RECEIVE NEW FURRING, U.O.N.
- COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED FIREPROOFING OR GYPSUM BOARD, TYPICAL.
- LOOSE FURNITURE SHOWN FOR REFERENCE ONLY, N.I.C.
- ALL FIRST FLOOR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

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL



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STANFORD, CA 94305

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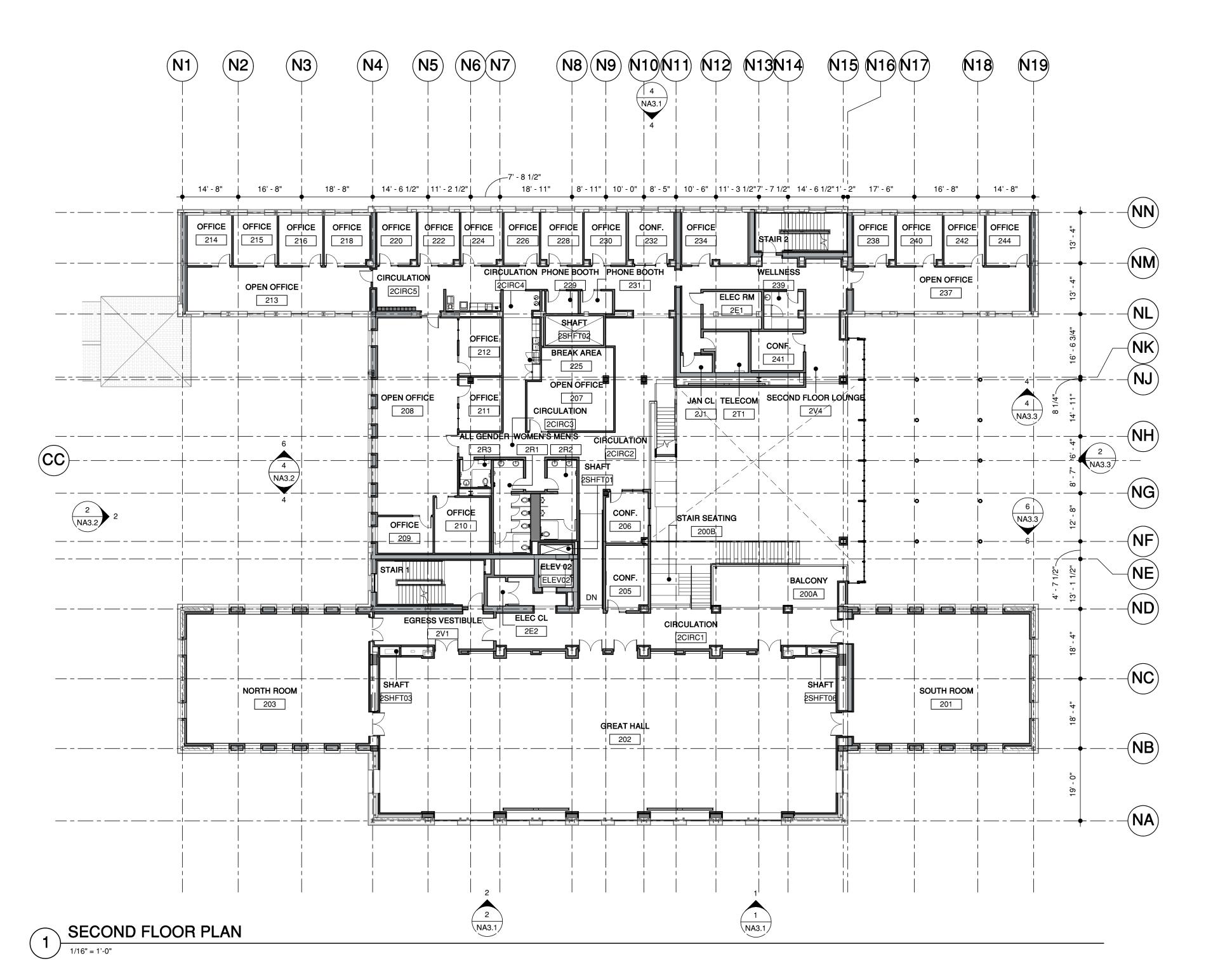


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- CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL





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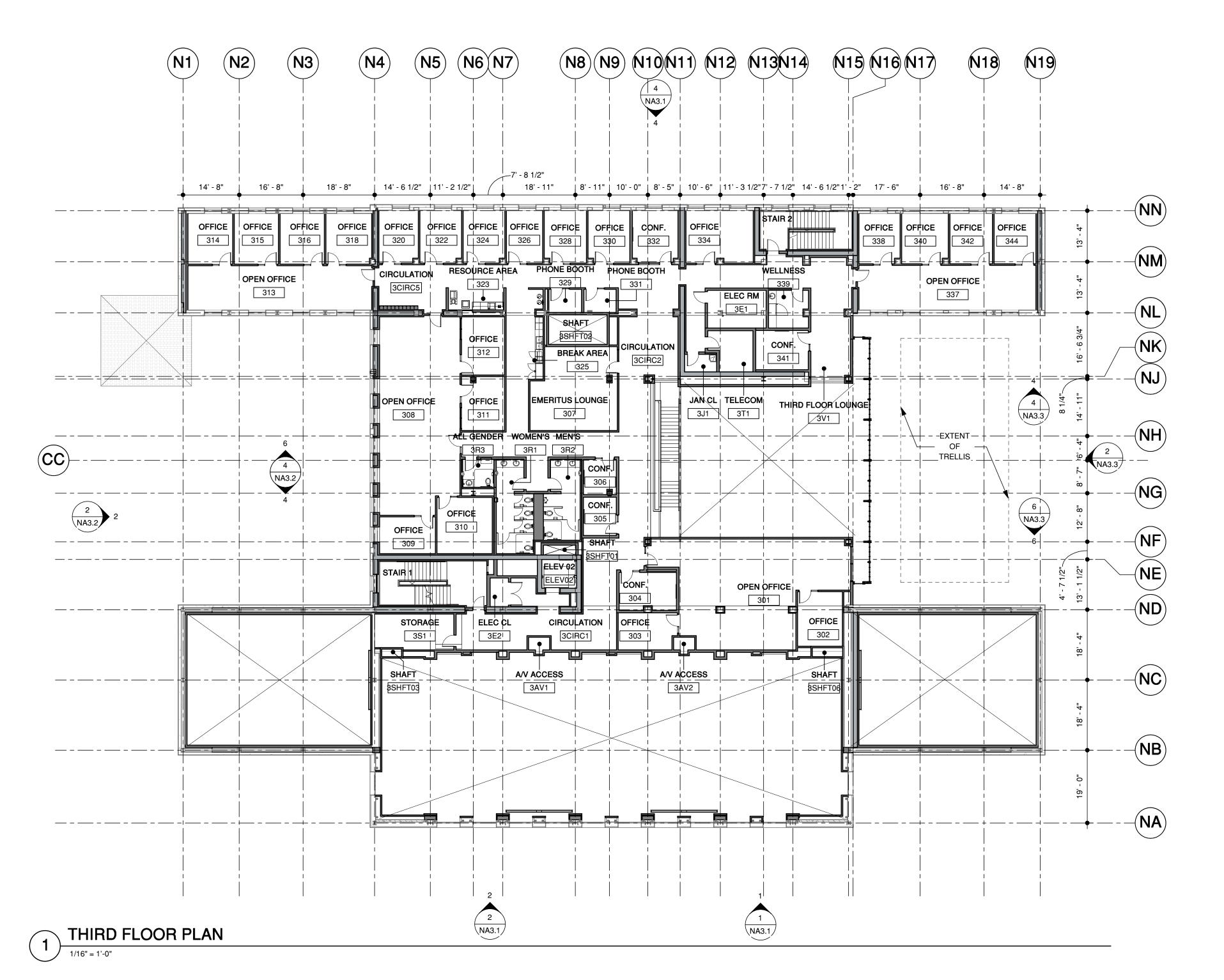


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- CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL





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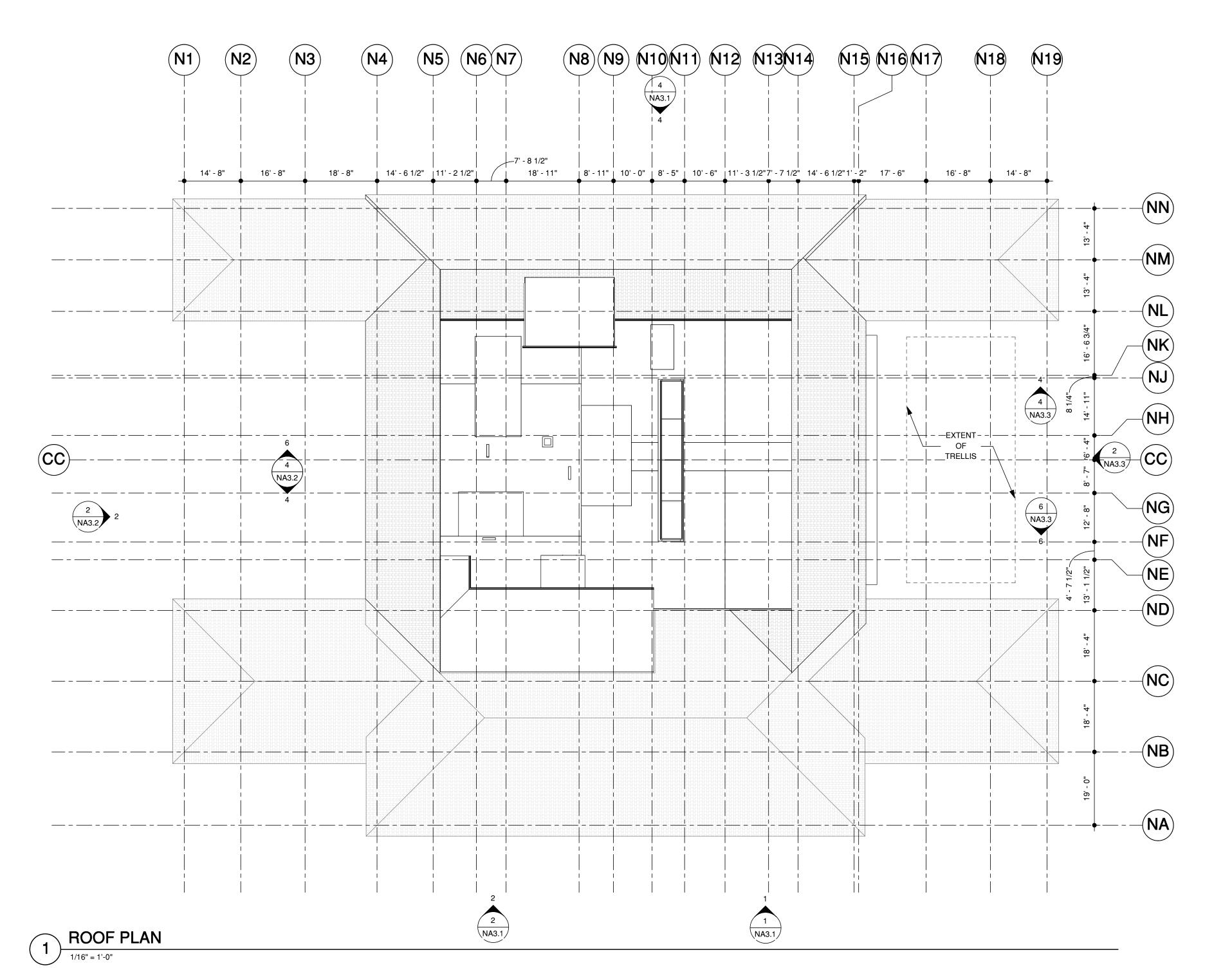


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- CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL

NEW WALL





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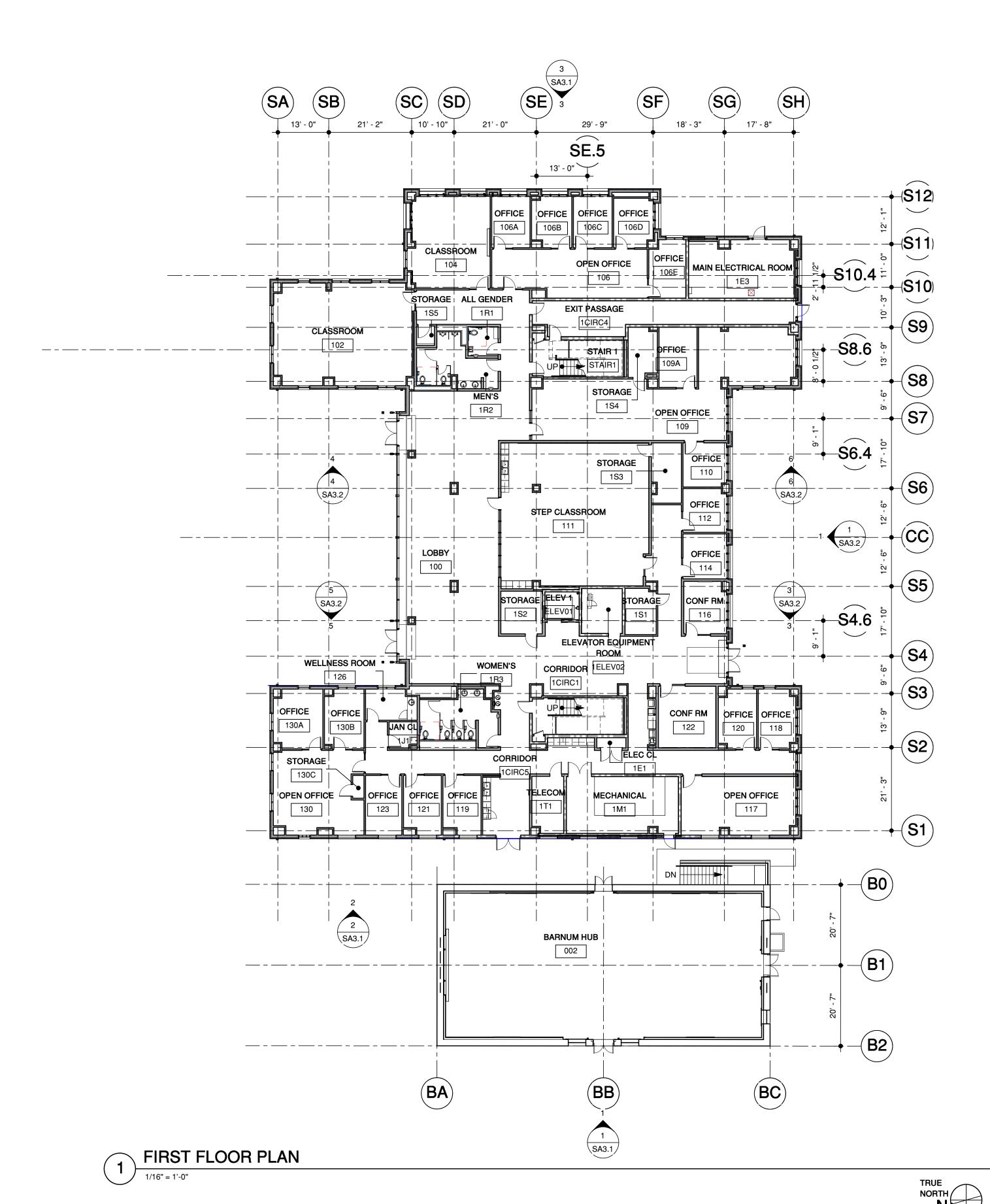
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NB ROOF PLAN

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- 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

SOUTH BUILDING

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505 & 507 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB FIRST FLOOR PLAN

PROJECT NO. 17013

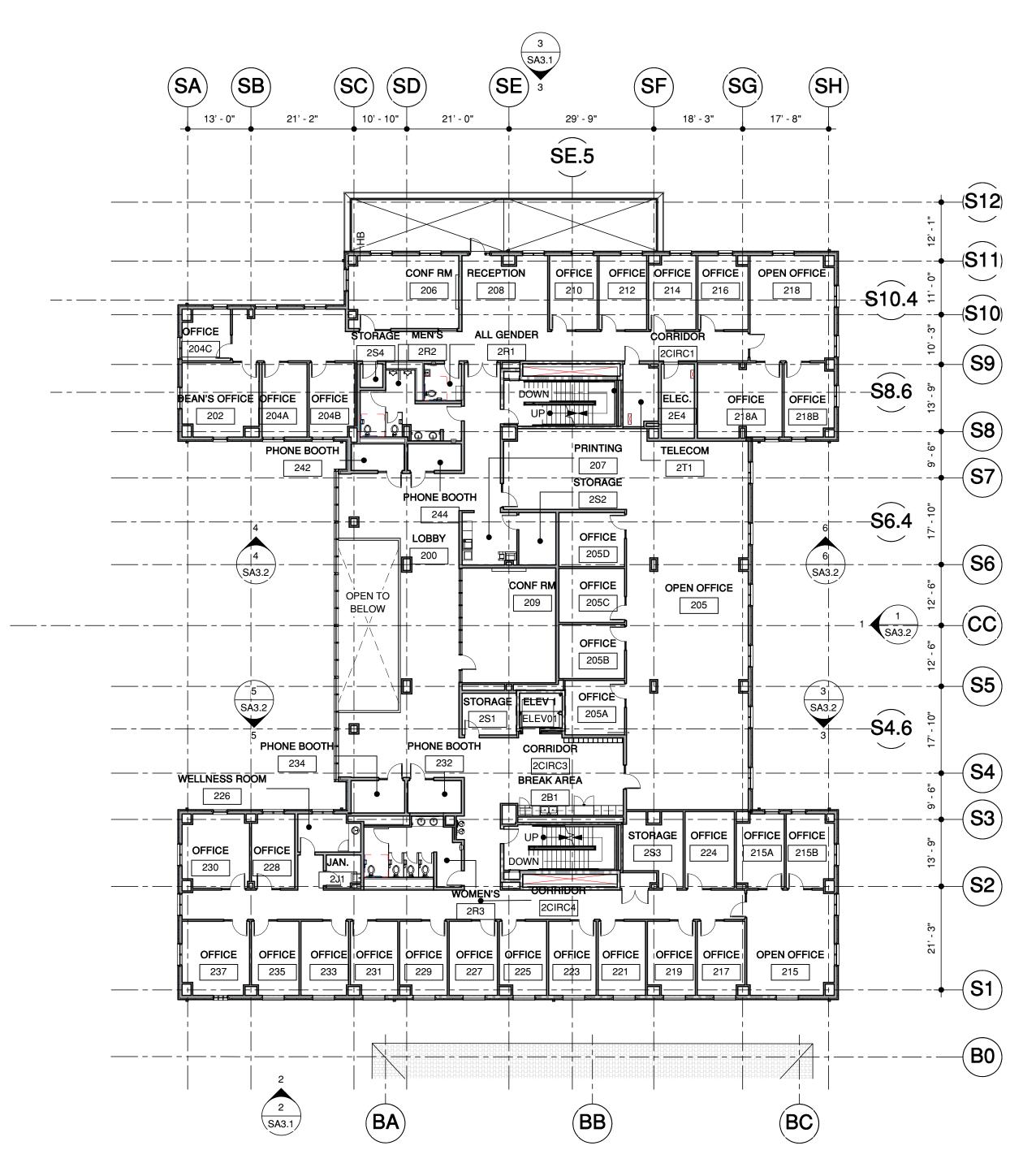
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SECOND FLOOR PLAN

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

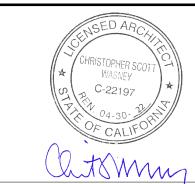
CEMENT PLASTER WALL

(E) WALL

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DATE

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

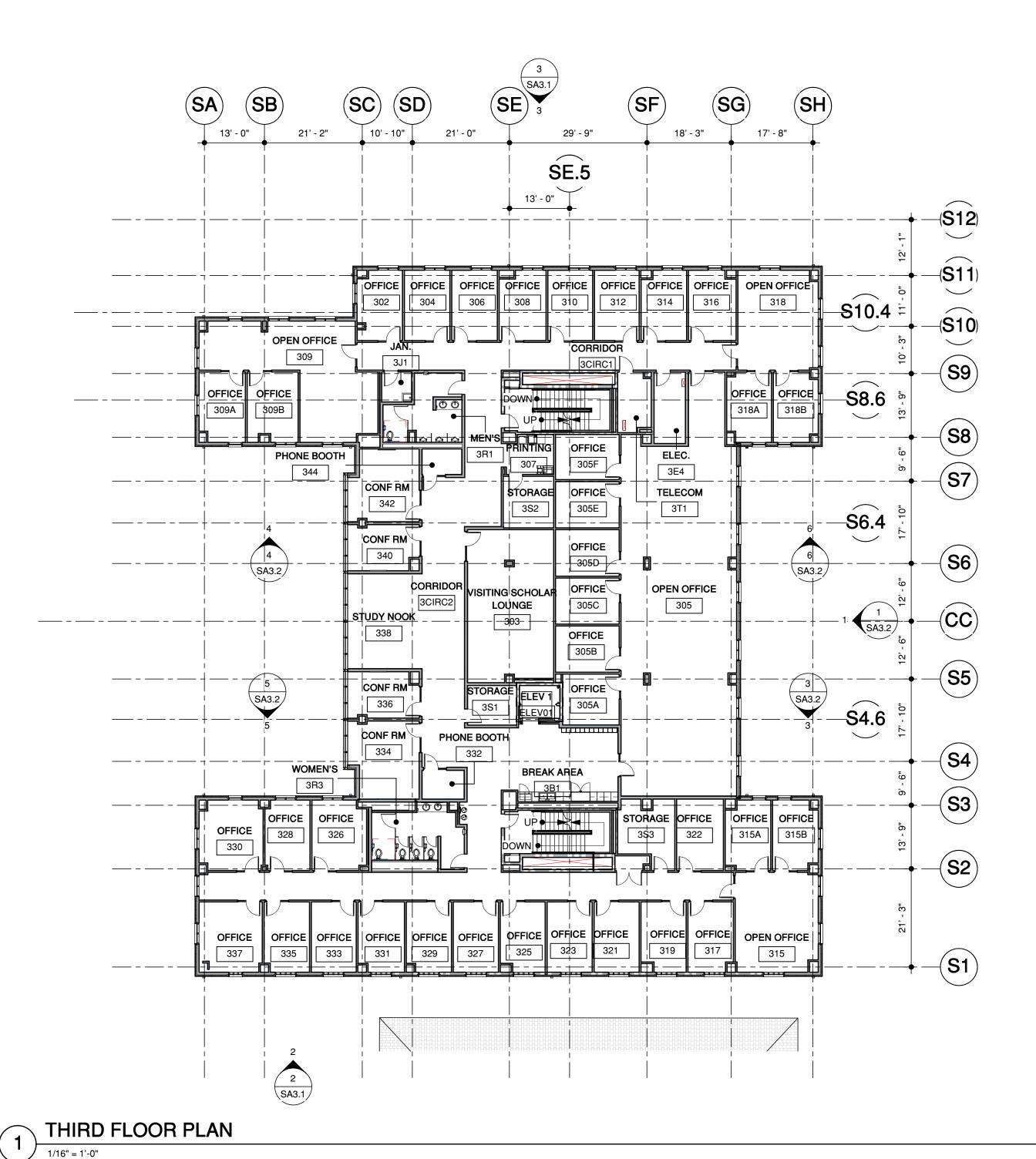
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SB SECOND FLOOR PLAN

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GENERAL NOTES

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- 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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SHEET TITLE

SB THIRD FLOOR PLAN

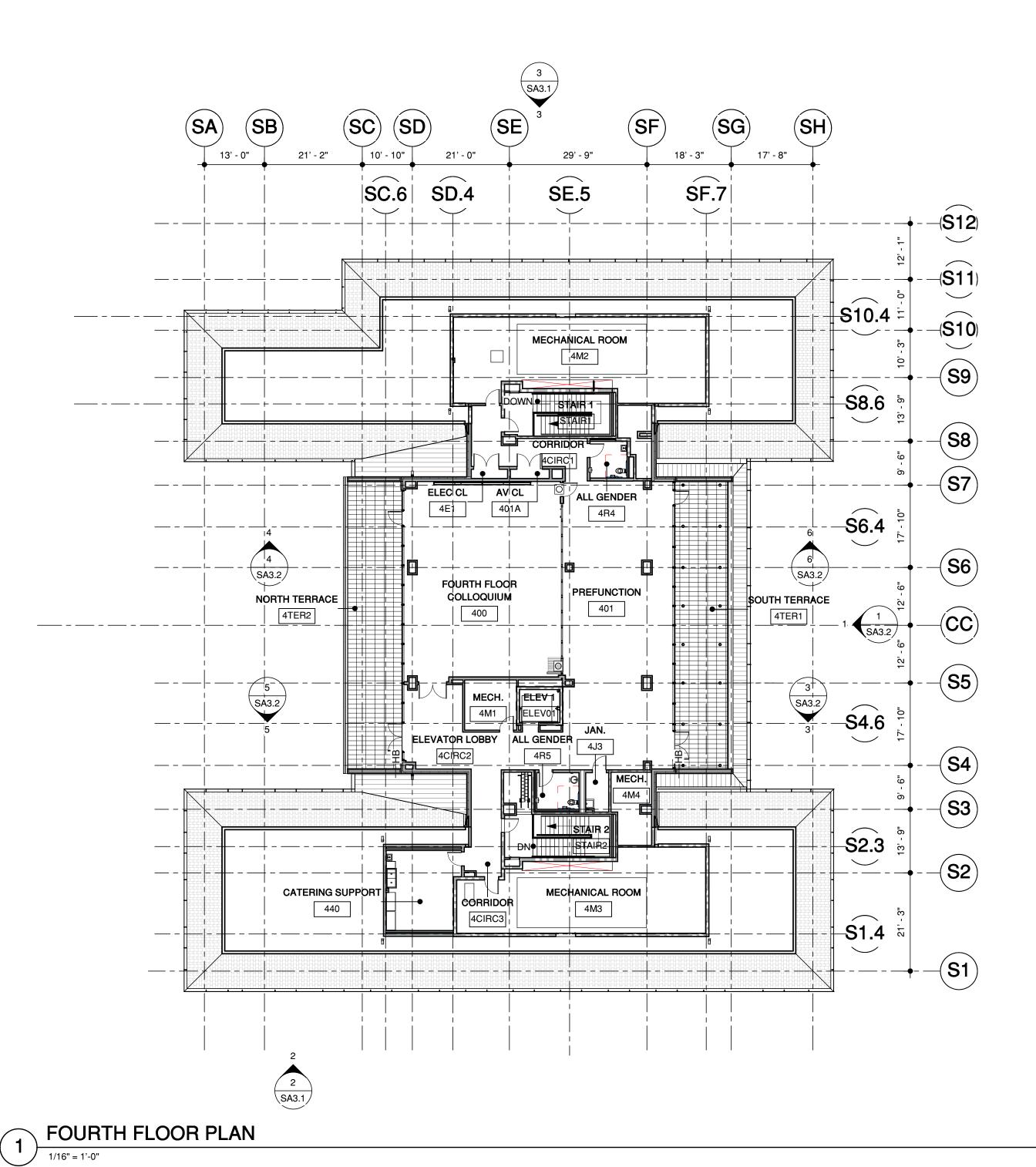
ROJECT NO. 17013

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GENERAL NOTES

- 1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.
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- 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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SHEET TITLE

SB FOURTH FLOOR PLAN

PROJECT NO. 17013

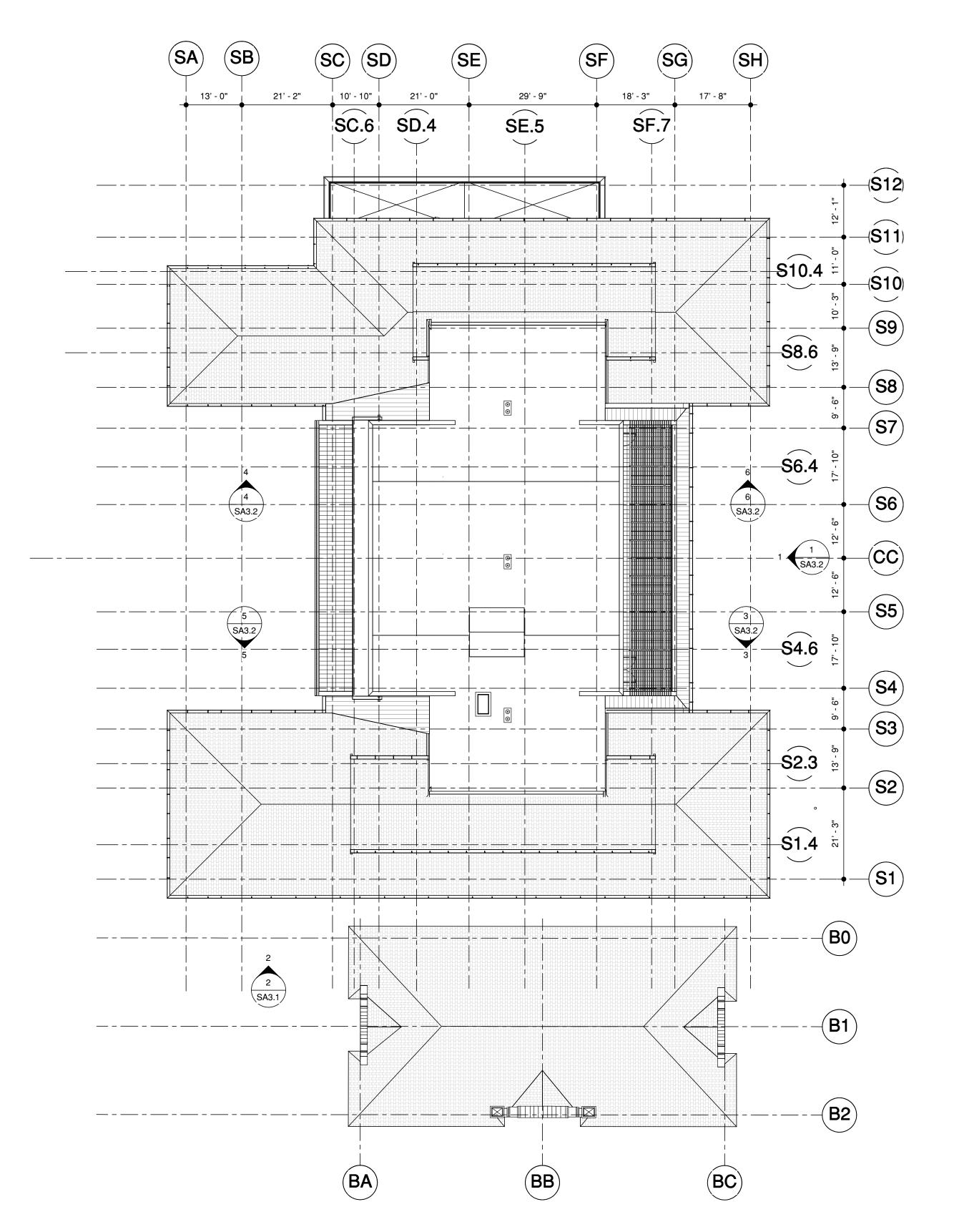
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1. ALL COLUMNS TO BE ENCLOSED IN FURRED WALLS F3 U.O.N.

COLUMNS AND BEAMS AROUND STAIRS, ELEVATOR AND DUCT SHAFTS SHALL BE PROTECTED WITH 2-HOUR FIRE RATED SPRAY-APPLIED OR GYPSUM BOARD

3. ALL FIRST FLOOR EXTERIOR DOORS TO BE KEY-CARD ACCESS DOORS.

FLOOR PLAN LEGEND

NON-RATED WALL OR PARTITION

RATED WALL

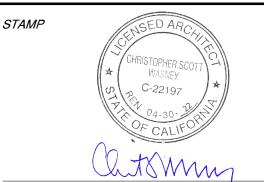
CEMENT PLASTER WALL

(E) WALL

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SB ROOF PLAN

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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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485 LASUEN MALL

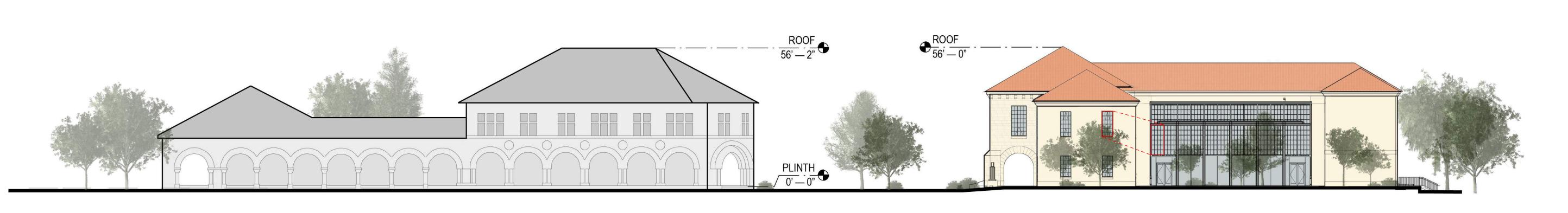
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STREET SECTIONS

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PIGOT HALL NORTH BUILDING

LASUEN MALL

SOUTH ELEVATION

ROOF

SO'S

ROOF

40'-0'-0'-ABOVE PLINTH

3 NORTH ELEVATION

1" = 20'-0"

SOUTH BUILDING



BARNUM & SOUTH BUILDING SOUTH BUILDING BEYOND

488 ESCONDIDO MALL

WEST ELEVATION

1" = 20'-0"



SOUTH BUILDING NORTH BUILDING

BARNUM

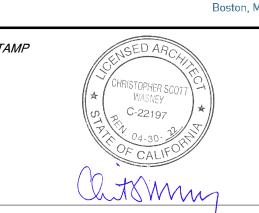


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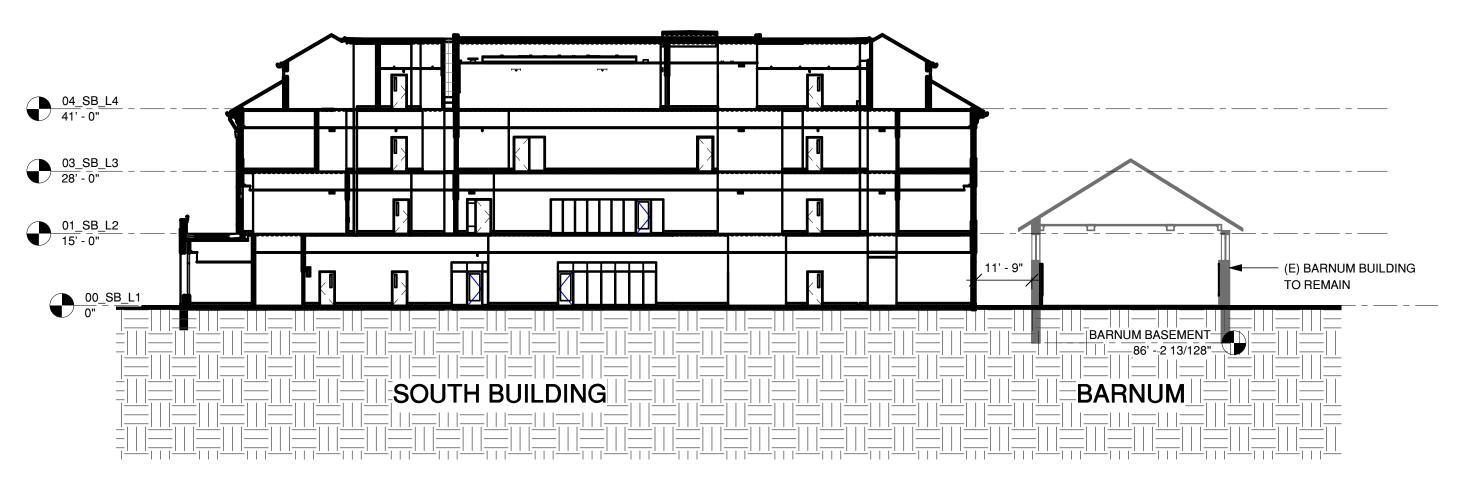
SITE ELEVATIONS

PROJECT NO. 17013

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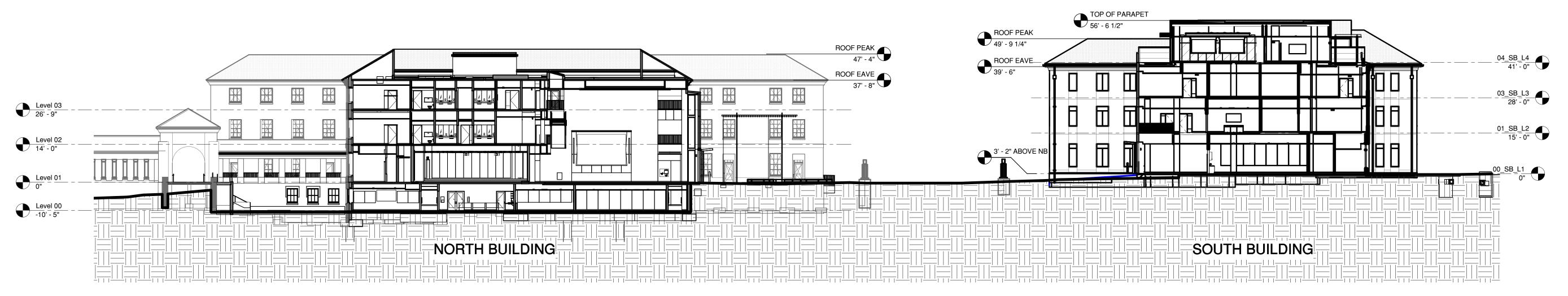
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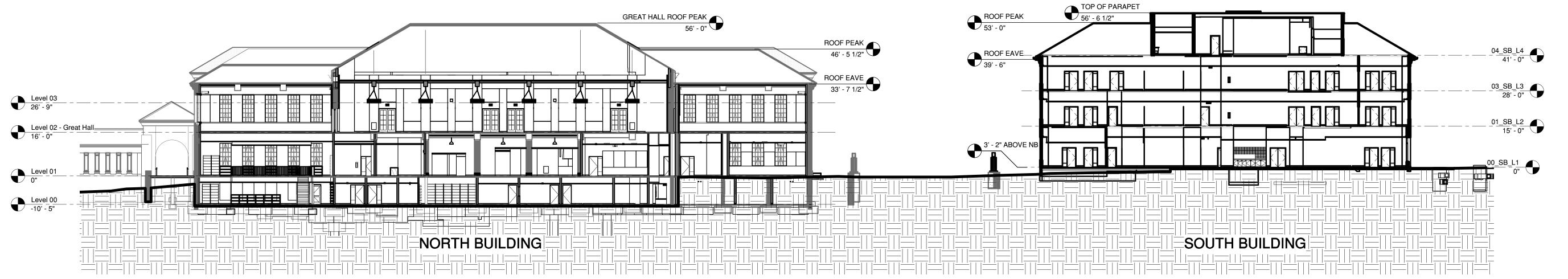
SITE SECTION THROUGH SOUTH BUILDING AND BARNUM

1" = 20'-0"



SITE SECTION THROUGH COURTYARD

1" = 20'-0"



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SITE SECTIONS

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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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EXTERIOR RENDERS

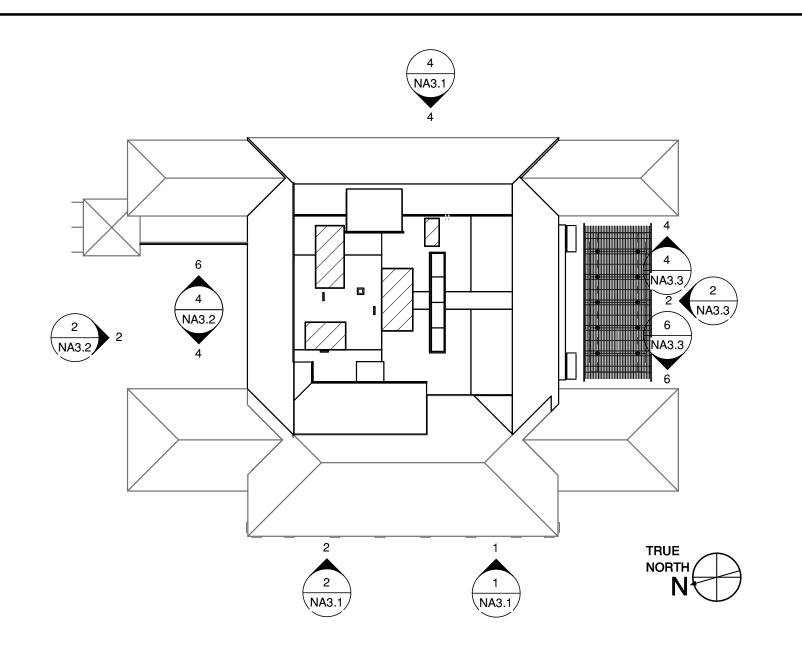
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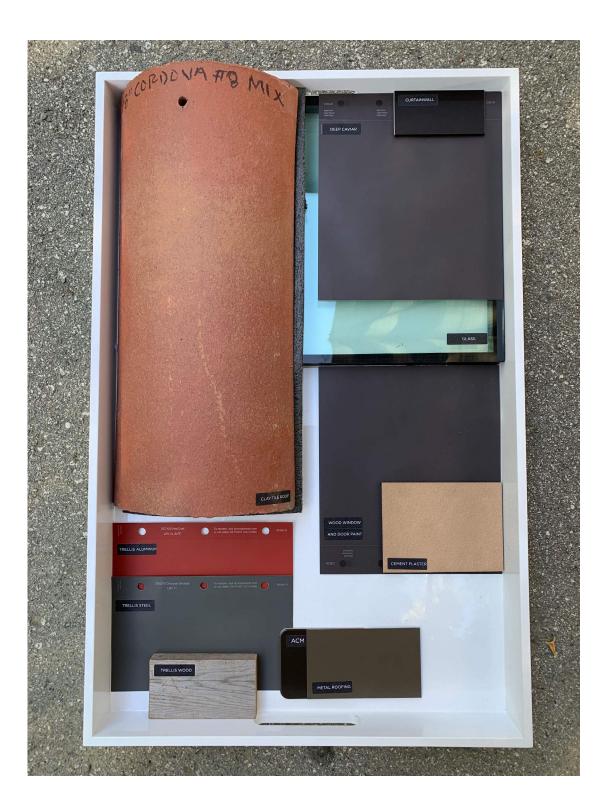
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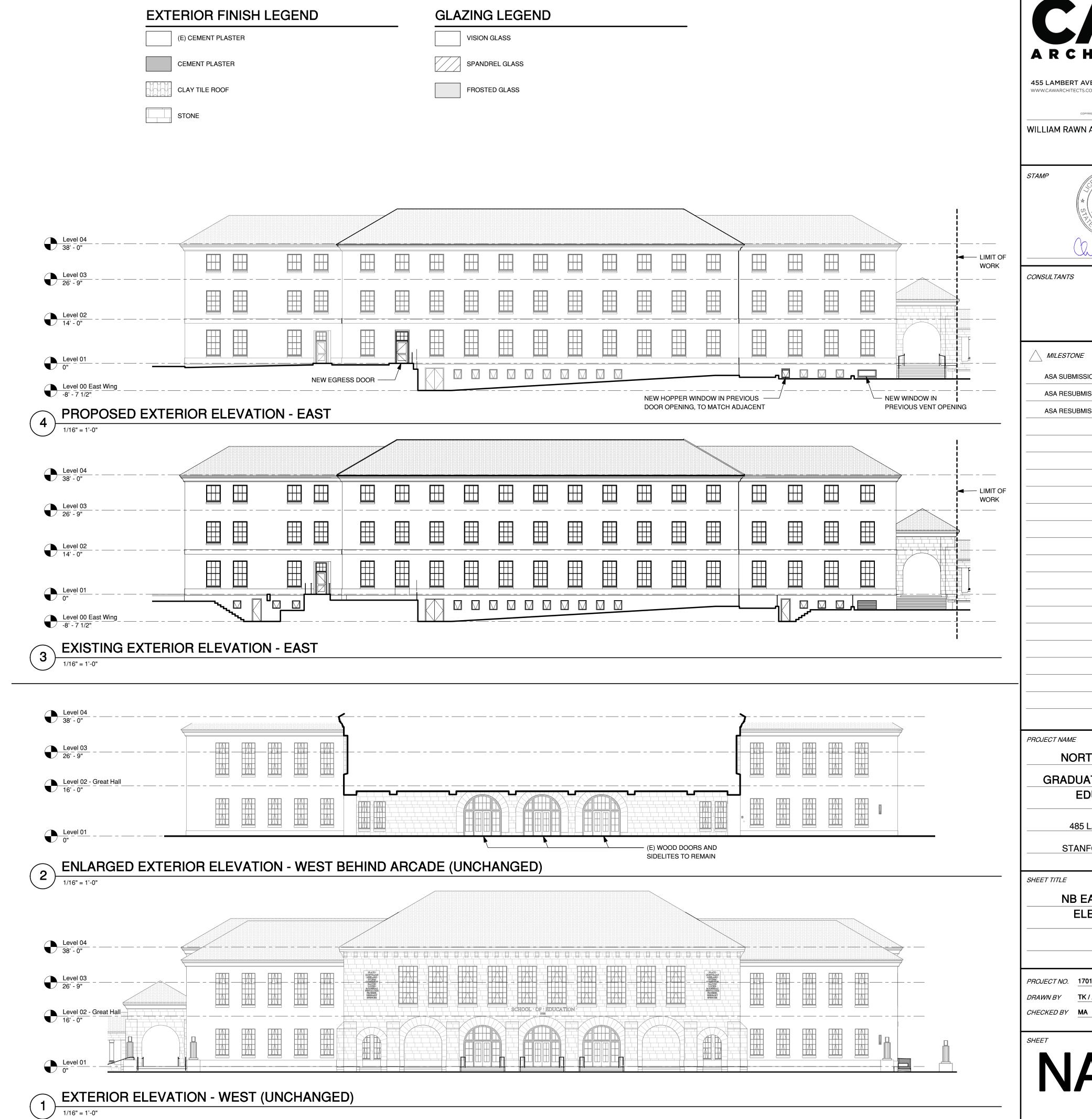
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NORTH BUILDING

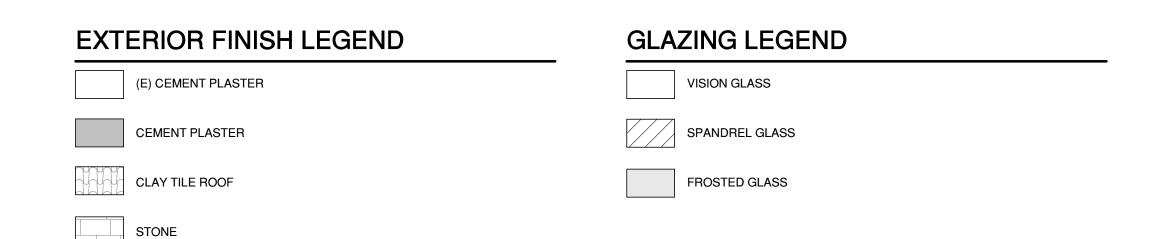
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NB EAST & WEST ELEVATIONS

DRAWN BY TK / AS





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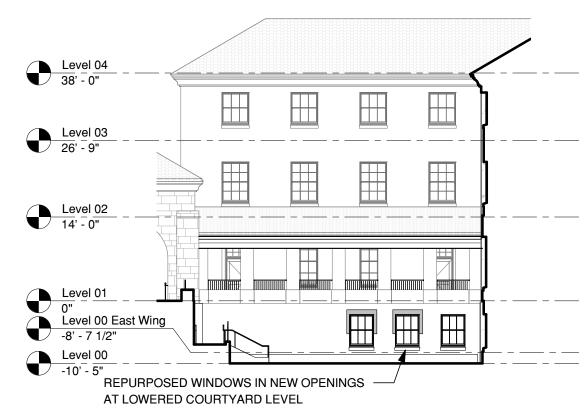
SHEET TITLE

NB NORTH AND NORTHERN COURTYARD **ELEVATIONS**

DRAWN BY TK / AS

CHECKED BY MA

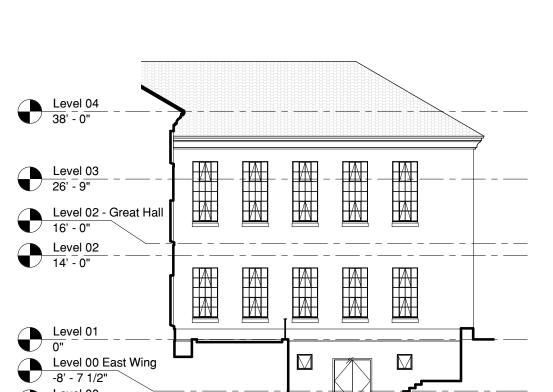
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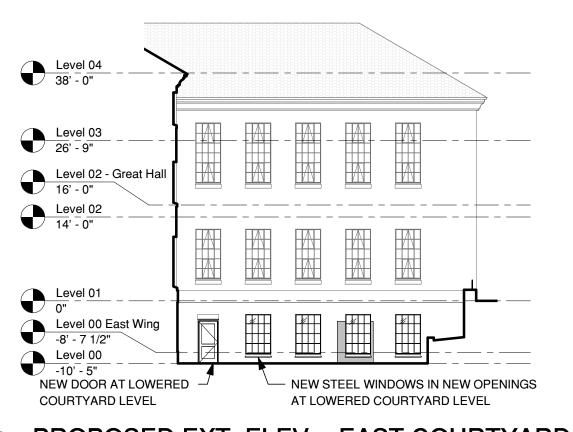


Level 04 38' - 0"

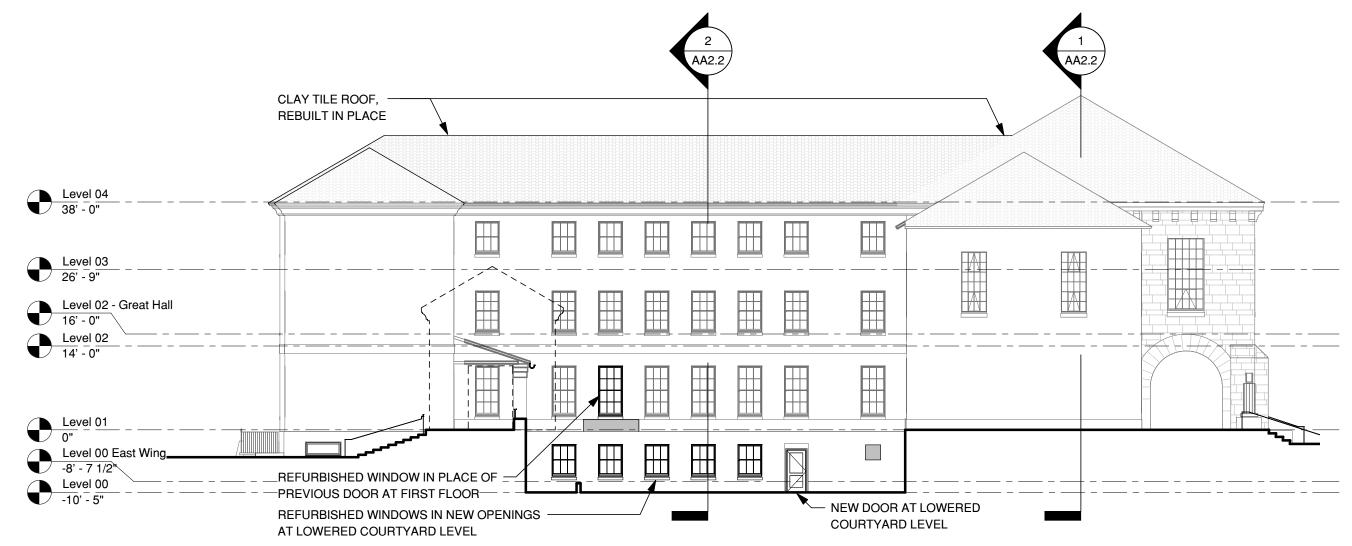
1/16" = 1'-0"



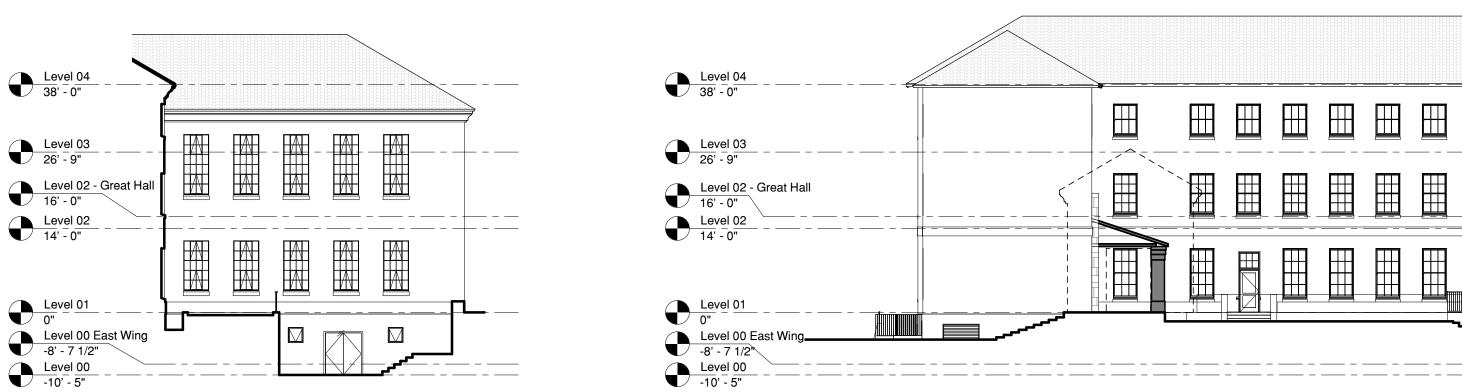
(3)	EXISTING EXT. ELEV EAST COURTYARD
(J)	1/16" = 1'-0"



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

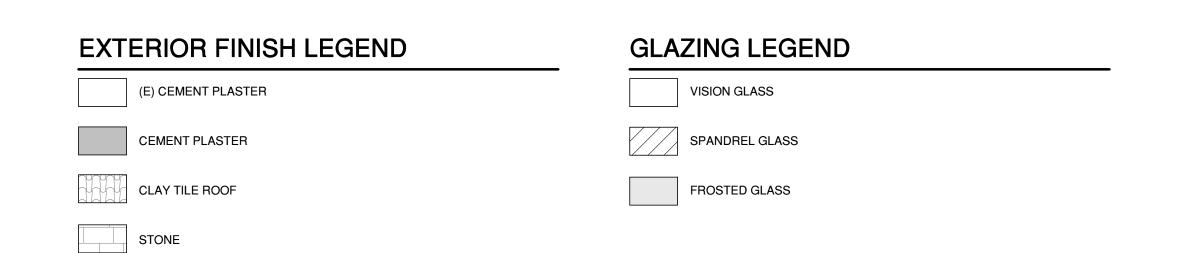


PROPOSED EXTERIOR ELEVATION - NORTH 1/16" = 1'-0"



EXISTING EXTERIOR ELEVATION - NORTH

Level 01
0"
Level 00 East Wing
-8' - 7 1/2" EXISTING EXT. ELEV. - WEST COURTYARD







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485 LASUEN MALL

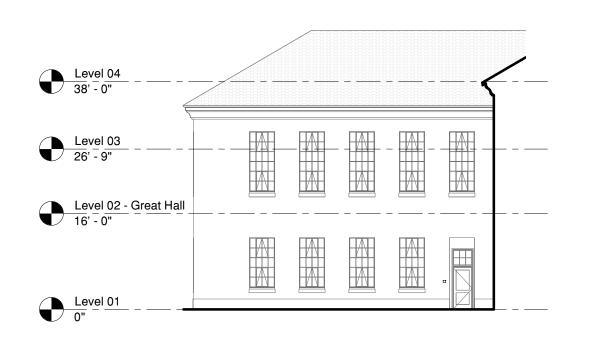
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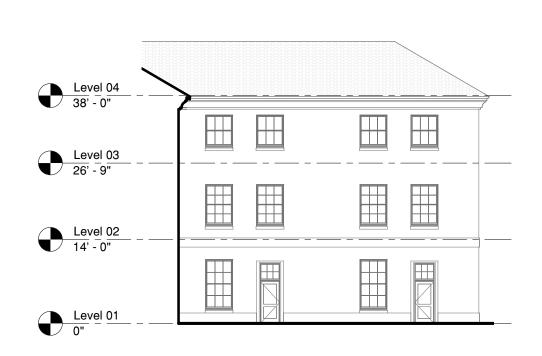
SHEET TITLE

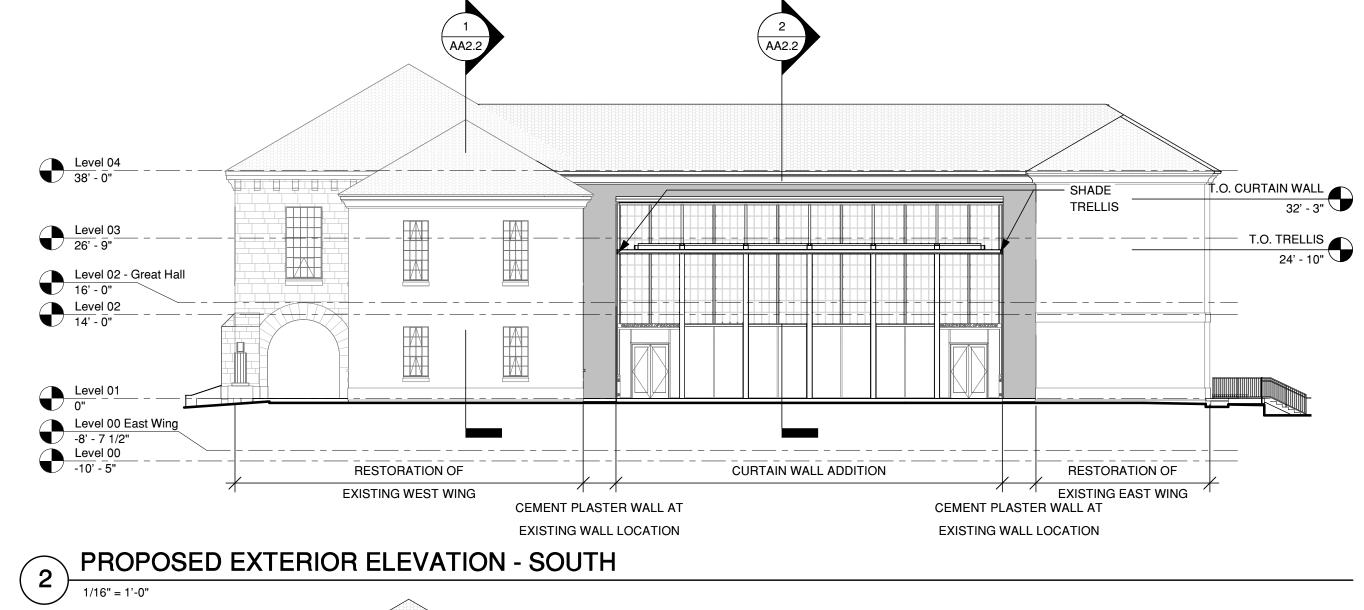
NB SOUTH AND SOUTHERN COURTYARD ELEVATIONS

PROJECT NO. 17013 DRAWN BY TK / AS

CHECKED BY MA







EXTERIOR ELEVATION - EAST COURTYARD

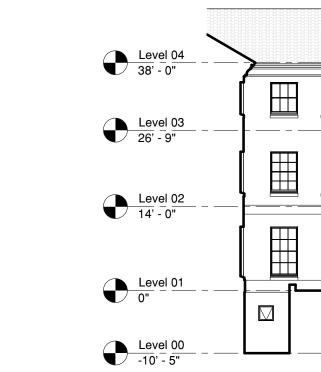
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Level 04 38' - 0"

Level 02 - Great Hall 16' - 0"



EXTERIOR ELEVATION - WEST COURTYARD









Level 04 38' - 0"

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



3 EXTERIOR ELEVATION - EAST



2 EXTERIOR ELEVATION - WEST

1/16" = 1'-0"



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

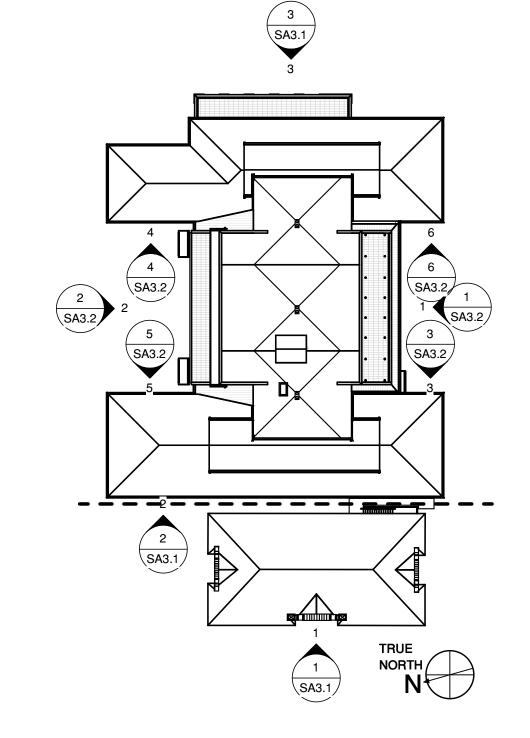
GLAZING LEGEND

VISION GLASS

SPANDREL GLASS

FROSTED GLASS





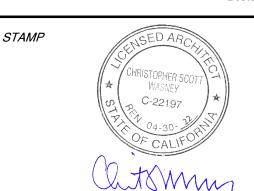
CAV

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WILLIAM RAWN ASSOCIATES | Architects, Inc.

10 Post Office Sq.
Suite 1010
Boston, MA 02109



CONSULTANTS

	<u> </u>	DATE
	ASA SUBMISSION	12/07/2020
١	ASA RESUBMISSION	08/20/2021
١	ASA RESUBMISSION	11/19/2021
-		

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 & 507 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB EAST AND WEST ELEVATIONS

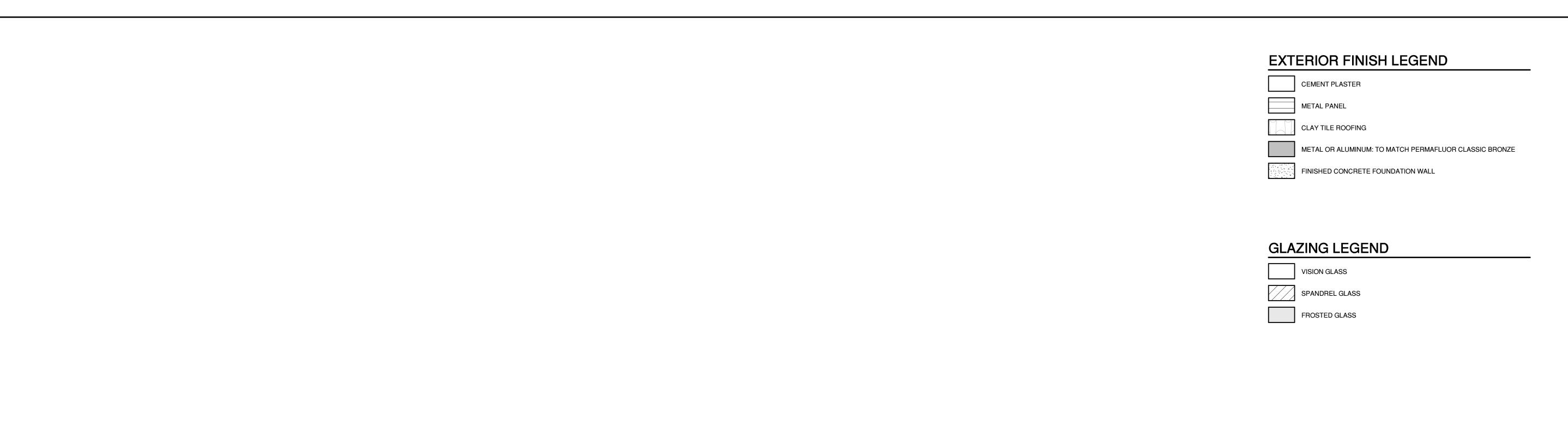
PROJECT NO. 17013

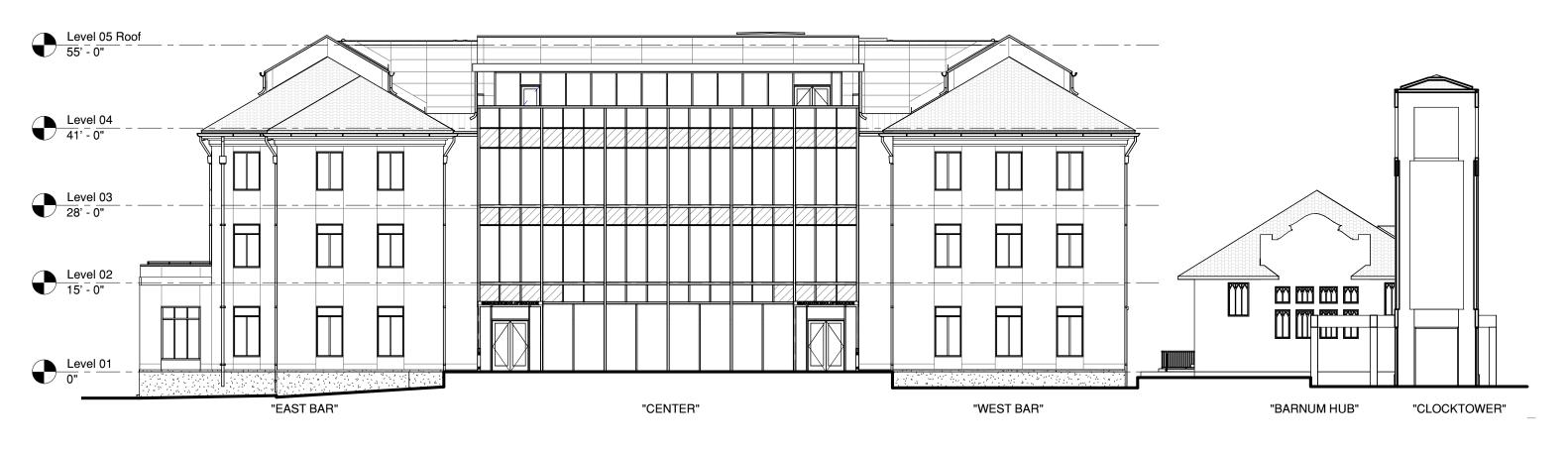
DRAWN BY TK / AE

CHECKED BY MG / MA

SHEET

SA3.1

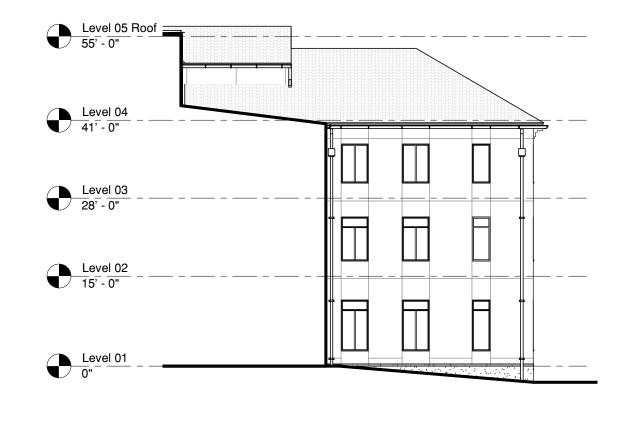




Level 02
15' - 0"

Level 01
0"

Level 04 41' - 0"



EXTERIOR ELEVATION - NORTH

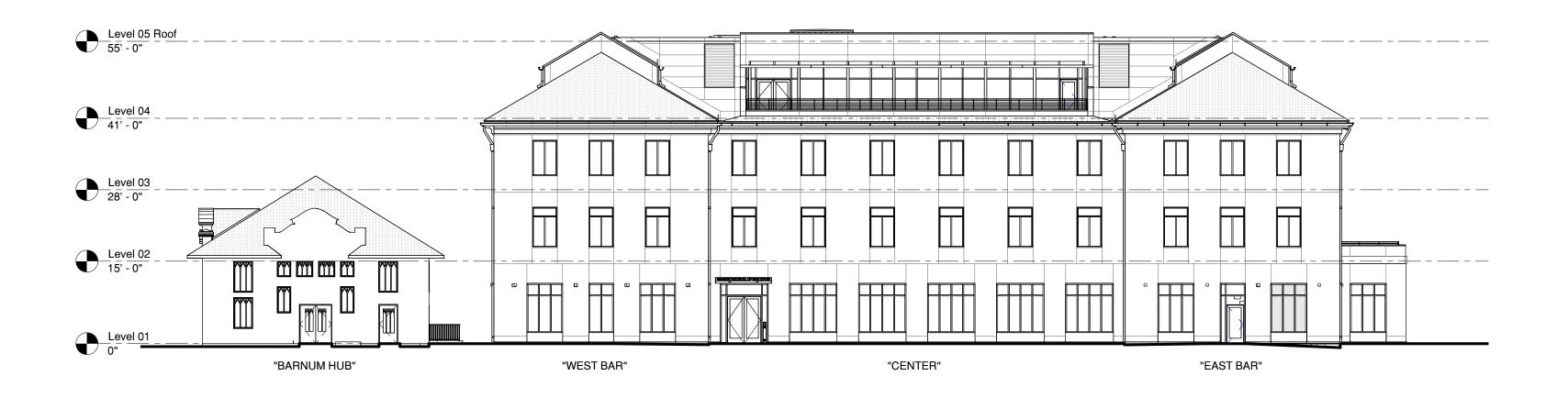
1/16" = 1'-0"

4 EXTERIOR ELEVATION - WEST

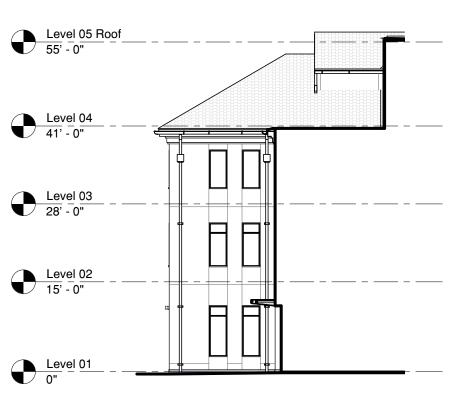
1/16" = 1'-0"

5 EXTERIOR ELEVATION - EAST

1/16" = 1'-0"



EXTERIOR ELEVATION - SOUTH



Level 04
41' - 0"

Level 03
28' - 0"

Level 02
15' - 0"

3 EXTERIOR ELEVATION - EAST

6 EXTERIOR ELEVATION - WEST

1/16" = 1'-0"

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Boston, MA 02109

STAMP

CHRISTOPHER SCOTT

WASNEY

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CF CALIFORN

OF CALIFORN

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CONSULTANTS

 MILESTONE
 DATE

 ASA SUBMISSION
 12/07/2020

 ASA RESUBMISSION
 08/20/2021

 ASA RESUBMISSION
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STANFORD, CA 94305

SHEET TITLE

SB NORTH AND SOUTH ELEVATIONS

PROJECT NO. 17013

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SA3.2