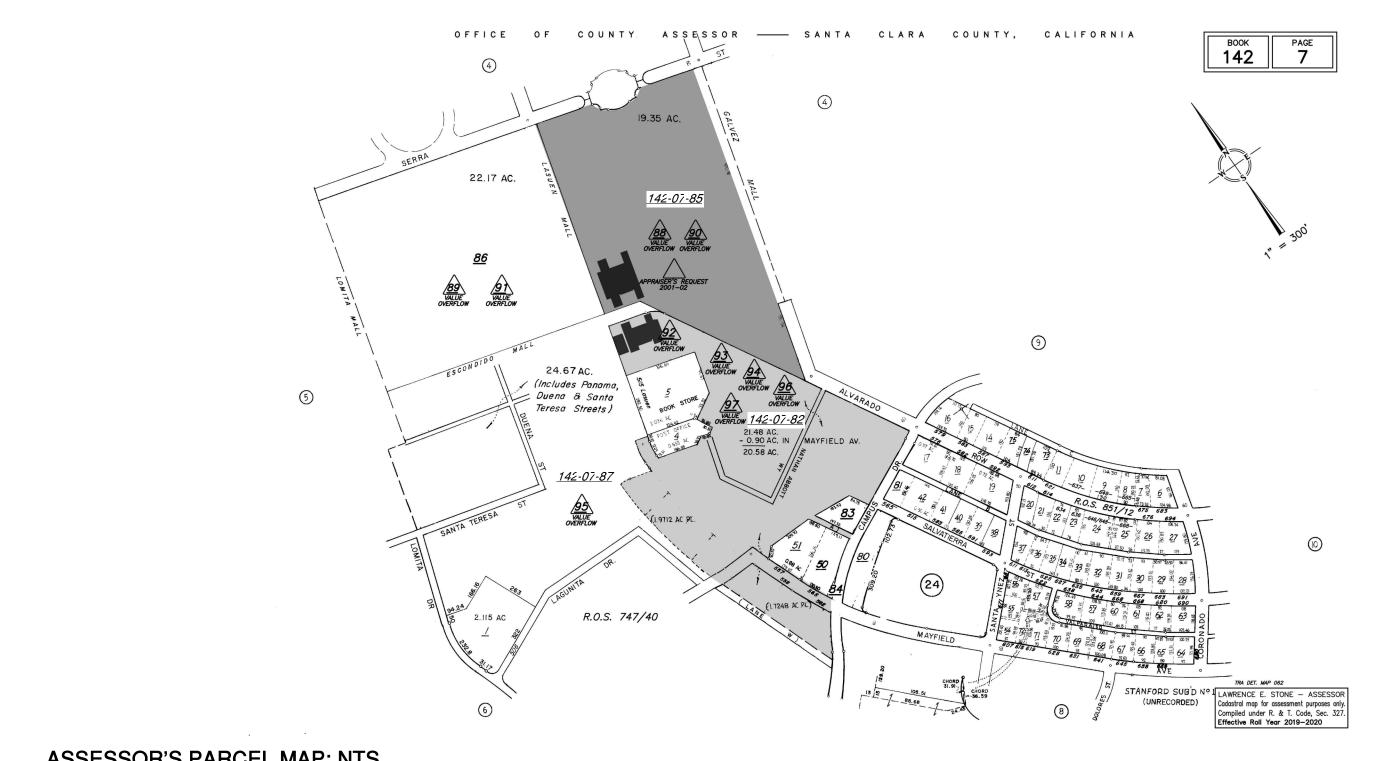
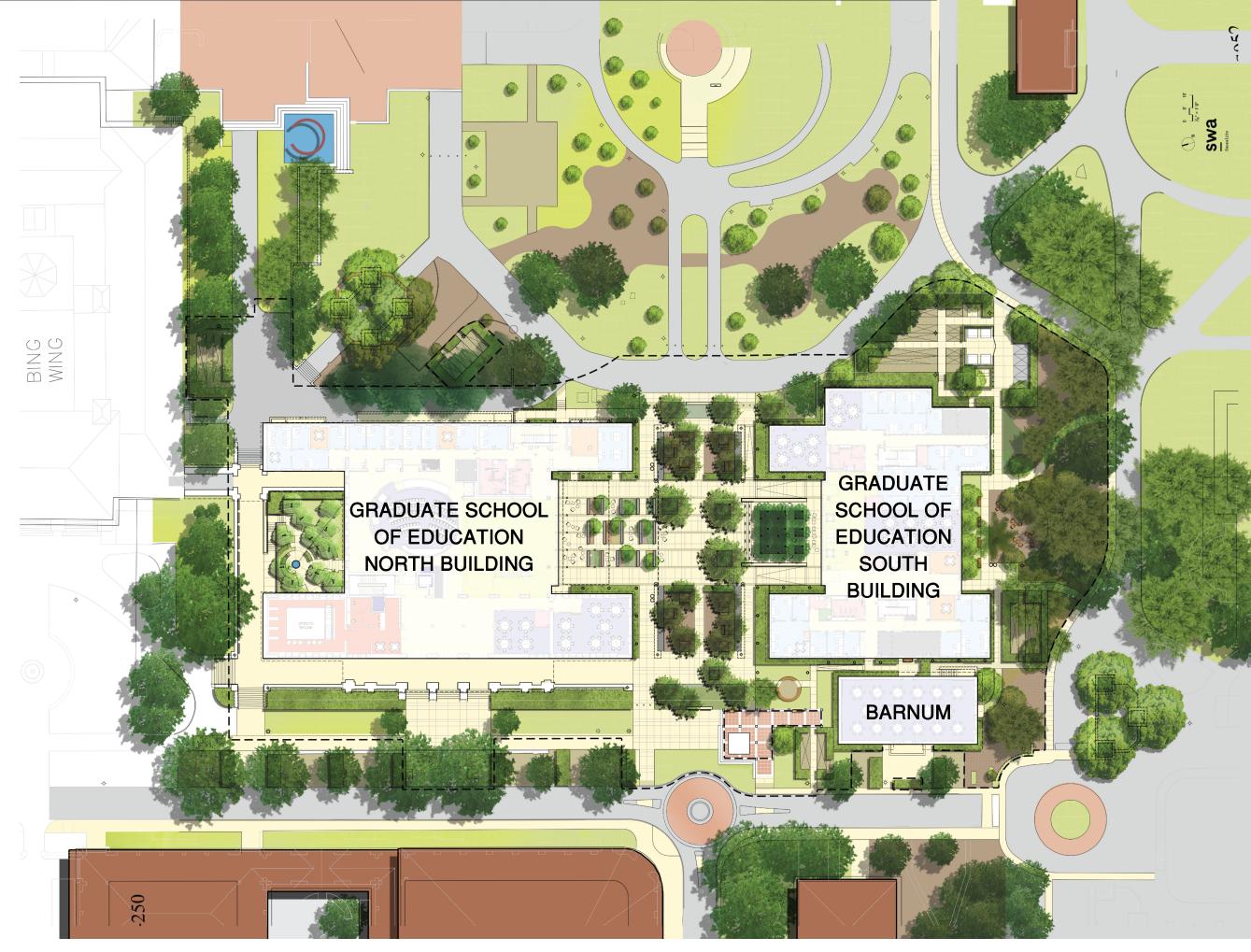
GRADUATE SCHOOL OF EDUCATION: ASA APPLICATION

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



ASSESSOR'S PARCEL MAP: NTS



SITE AREA PLAN: NTS

SHEET INDEX - ASA

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AA0.4	SITE LOGISTICS PLAN
AA0.5	SITE ALIGNMENT
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C7.01	FIRE TRUCK ACCESS
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C10.04	CIVIL DETAILS

CIVIL CON PH1.11	
F111.11	INFORMATION EXHIBIT
PH1.12	EXISTING CONDITIONS POTHOLE INFORMATION EXHIBIT
LANDSCA	PE
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L1.01	DEMOLITION, TREE PROTECTION, REMOVAL, AND RELOCATION PLAN
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NA3.2	NB NORTH, SOUTH AND COURTYARD ELEVATIONS
SA3.1	SB EAST AND WEST ELEVATIONS
SA3.2	SB NORTH AND SOUTH ELEVATIONS

CODE INTERPRETATIONS NORTH BUILDING **SOUTH BUILDING & BARNUM** OCCUPANCY TYPE: OCCUPANCY TYPE: ALL FLOORS EXCEPT THIRD A-3 A-3 FOURTH FLOOR ALL FLOORS ALL FLOORS S-2 BASEMENT TYPE OF CONSTRUCTION: **TYPE OF CONSTRUCTION:** NORTH BUILDING: IIIB SOUTH BUILDING: IIA VB, UNRATED BARNUM: STRUCTURE RATING: STRUCTURE RATING: 2 HR FIRE-RATED EXT. LOAD BEARING WALLS, SOUTH BUILDING: 1 HR BARNUM: NONE 0 HR RATED STRUCTURAL FRAME FIRE SPRINKLER: YES FIRE SPRINKLER: YES BUILDING HEIGHT: 56' **BUILDING HEIGHTS:** SOUTH BLDG 56'-6 1/2" BARNUM : 30'9" ALLOWABLE HEIGHT: 65' ALLOWABLE HEIGHT SOUTH BLDG: 65' BARNUM: **BUILDING AREAS: BUILDING AREAS:** NORTH BUILDING: SOUTH BUILDING: BARNUM: BASEMENT: 453 BASEMENT 27,659 FIRST FLOOR: FIRST FLOOR: 17,412 FIRST FLOOR: 3,485 24,671 SECOND FLOOR: 25,100 SECOND FLOOR: 16,683 THIRD FLOOR: 17,065 THIRD FLOOR: 16,683 FOURTH FLOOR: 7,536 TOTAL: 94,495 TOTAL: 58,314 **TOTAL:** 3,938 A OCCUPANCY ALLOWABLE AREA: ALLOWABLE AREA: SEPARATED OCCUPANCIES ABOVE GRADE: 115,630 A (FOURTH FLOOR): 25,420 SF 62,000 B (FLOORS 1-3): 61,500 SF **BELOW GRADE:**

PROJECT DESCRIPTION

NORTH BUILDING (NB):

В

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)

BARNUM & SOUTH BUILDING (SB): 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:

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

142-07-082 ; 1.26 ACRES 142-07-085 ; 1.51 ACRES 142-07-087 ; 0.30 ACRES A1 ACADEMIC SB: 17,369 SF | NB: 24,671 SF 3.07 ACRES 0.13 ACRES

Client/Owner

Palo Alto, CA 94306 Phone: 650.328.1818 Fax: 650.328.1888

William Rawn Associates, Architects, Inc. 10 Post Office Square, Suite 1010 Boston, MA 02109 Phone: 617.423.3470 Landscape Engineer SWA 2200 Bridgeway Boulevard PO Box 5904 Sausalito, CA 94966

Phone: 415.332.5100 Civil Engineer **BKF Engineers** 4670 Willow Road, Suite 250 Pleasanton, CA 94588 Phone: 925.396.7700

GUP SQUARE FOOTAGE ANALYSIS

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

BUILDING		METHOD 2 (GUP)	GSF
EXISTING CONDITIONS:			
GRADUATE SCHOOL O	F EDUCATION NORTH BLDG.	88,184 SF	92,394 GSF
BARNUM EXISTING TO B EXISTING TO R	E DEMOLISHED REMAIN	7,198 SF 3,485 SF	7,376 GSF 3,938 GSF
	PROJECT TOTALS	98,867 SF	103,708 GSF
PROPOSED CONDITION:			
GRADUATE SCHOOL O	F EDUCATION NORTH BLDG.	89,734 SF	94,495 GSF
GRADUATE SCHOOL O	F EDUCATION SOUTH BLDG.	53,841 SF	60,052 GSF
BARNUM EXISTING TO R	REMAIN	3,485 SF	3,938 GSF
	PROJECT TOTALS	147,060 SF	158,485 GSF
	PROJECT NET ADDITIONAL	48,193 SF	54,777 GSF

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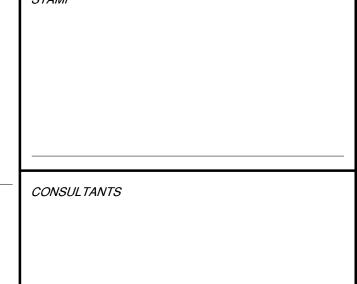
WILLIAM RAWN ASSOCIATES | Architects, In-10 Post Office Sc Suite 1010

Boston, MA 0210

DATE

12/07/2020

STAMP



MILESTONE ASA SUBMISSION

PROJECT DIRECTORY

Stanford University 340 Bonair Siding Stanford, CA 94305 Phone: 650.996.6754 Architect CAW Architects, Inc. 455 Lambert Avenue

Chris Wasney Mousam Adcock Thomas Koyama Alexandria Evans Alex Siegel

Doug Johnston

Erik Tellander

John Wong Bill Hynes

John Lamon Steven Reynolds Chelsea Mudgett Designer Principal

Principal

Designer

Designer

Project Manager

Project Manager

Senior Associate

Project Manager

Associate

Project Manager

Project Engineer

Principal

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tkoyama@cawarchitects.com

aevans@cawarchitects.com

asiegel@cawarchitects.com

djohnston@rawnarch.com

etellander@rawnarch.com

GRADUATE SCHOOL OF

PROJECT NAME

EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

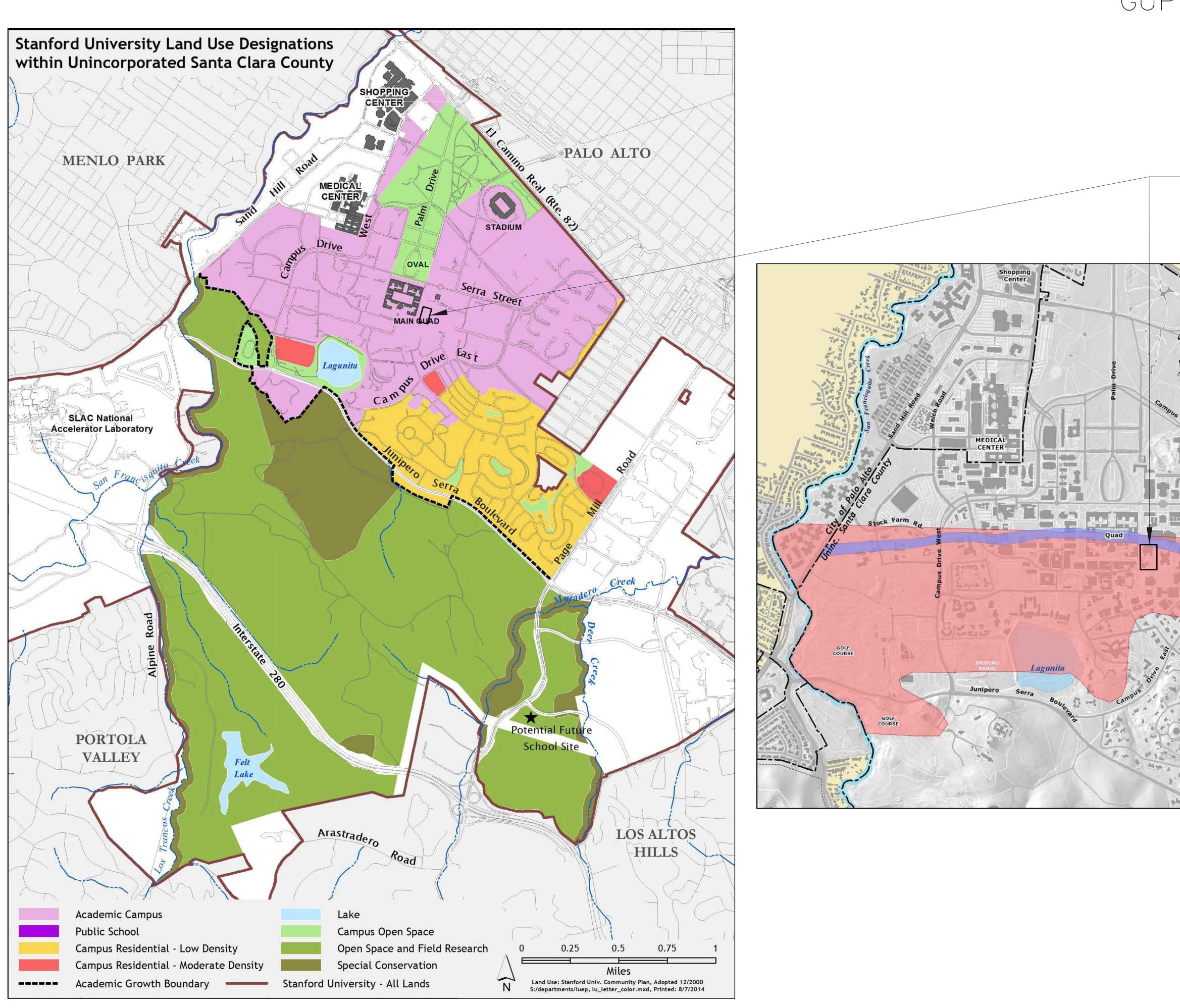
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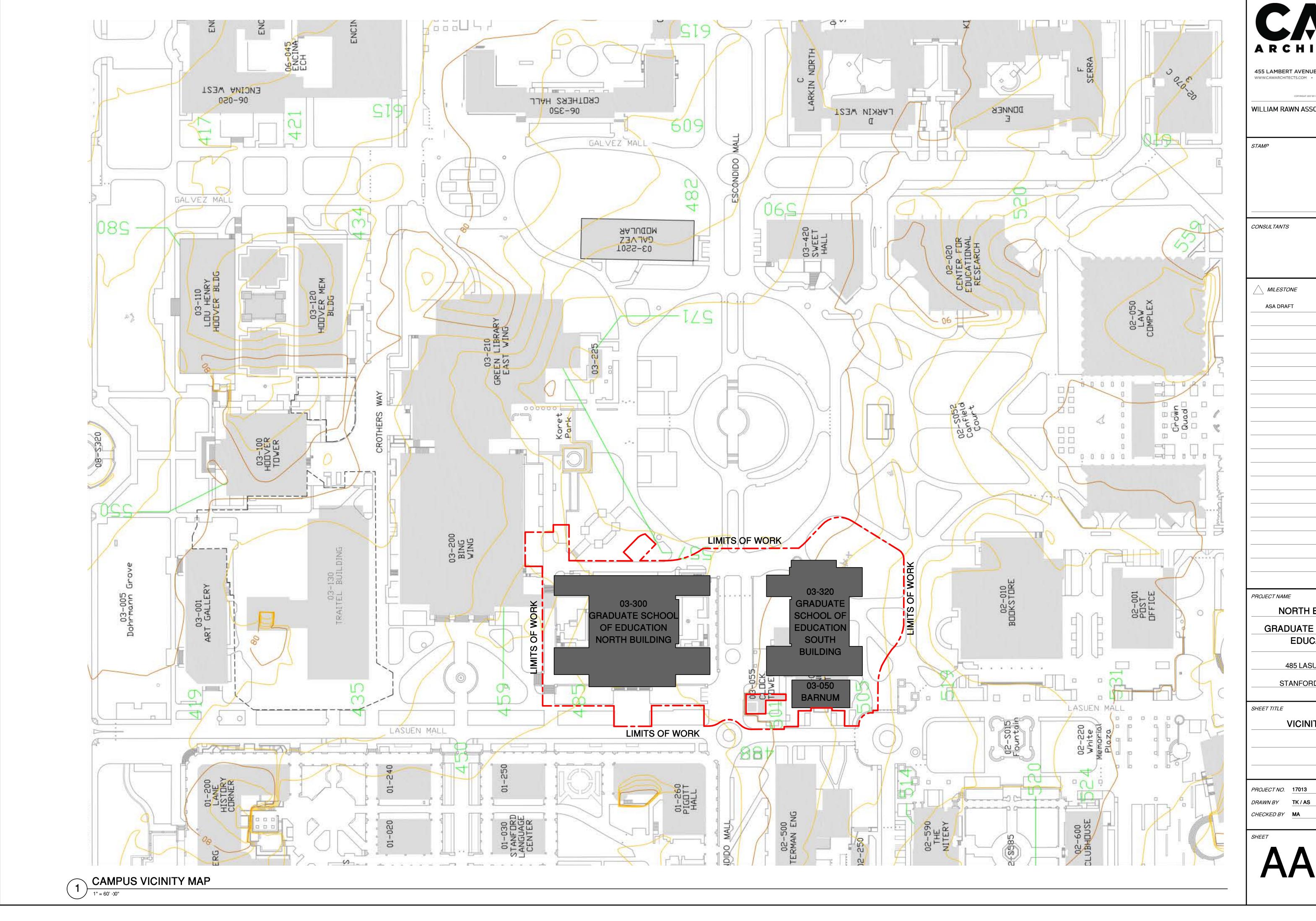
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PROJECT NO. **17013** DRAWN BY TK / AS CHECKED BY MA

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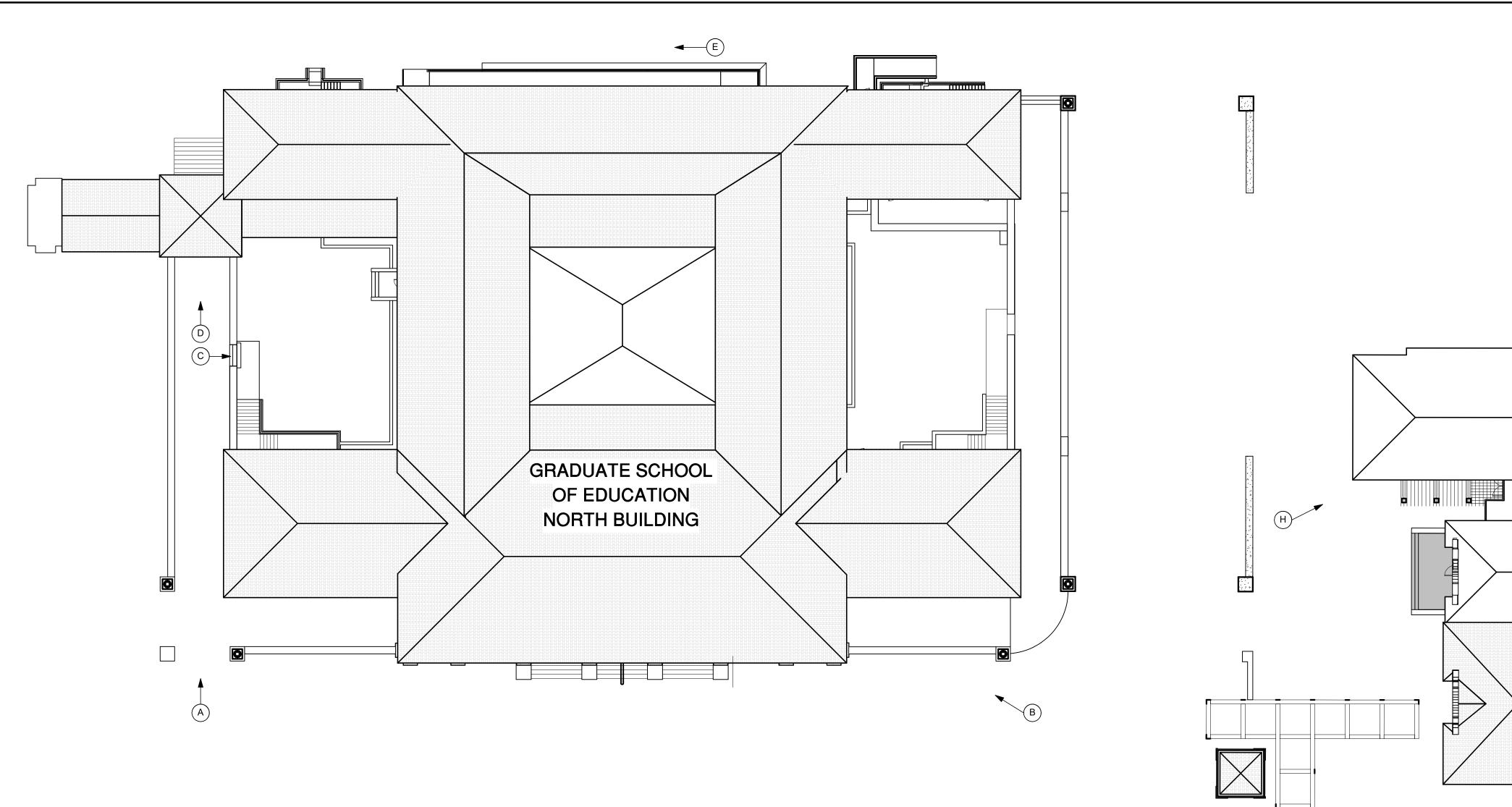


CAW GUP INFORMATION MAP ARCHITECTS 455 LAMBERT AVENUE PALO ALTO, CA 94306 WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888 COPYRIGHT 2017 BY CAW ARCHITECTS, INC. WILLIAM RAWN ASSOCIATES | Architects, Inc. 10 Post Office Sq. Suite 1010 Boston, MA 02109 STAMP -PROPOSED SITE CONSULTANTS STANFORD CAMPUS 4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700 925–396–7799 (FAX) BK Zone in the vicinity of the lower hinge of the Stock Farm Monocline requiring special studies DATE Source: Santa Clara Co. Geologic Hazards map, 2002 Groundwater Recharge Zone Source: Santa Clara Valley Water District, August 2001 ASA SUBMISSION 5/12/2020 Stadiur ASA SUBMISSION 12/07/2020 650 1,300 2,600 File: //ARC-2KS/GIS1/projects/gup/asa_site_plans/monocline&gw_rchg_no_quads.mp Stanford University Land Use & Environmental Planning, Prepared: October 16, 2009 Salation aller STUDENT HOUSING 1 11 44 FACULTY 题·星版具证 PROJECT NAME STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 485 & 505 LASUEN MALL STANFORD, CA 94305 SHEET TITLE GUP INFORMATION MAP PROJECT NO. 14029 DRAWN BY <u>SR, CM</u> CHECKED BY JL SHEET

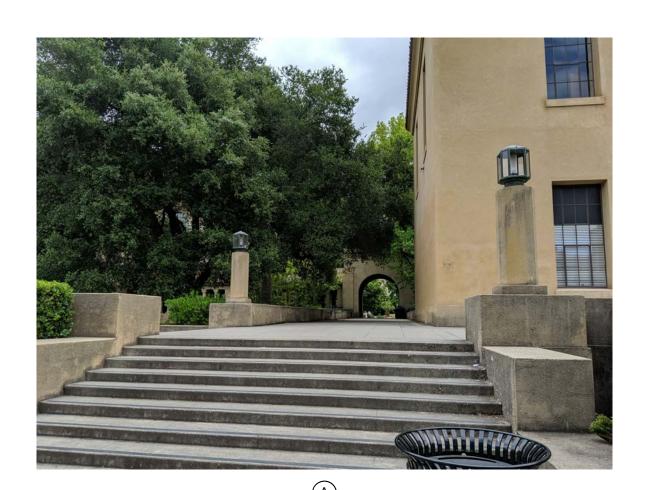


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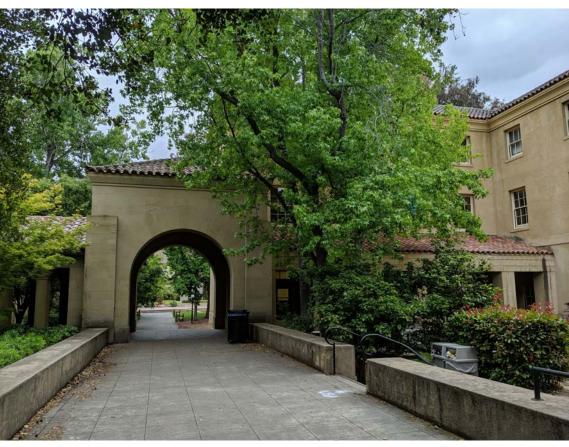




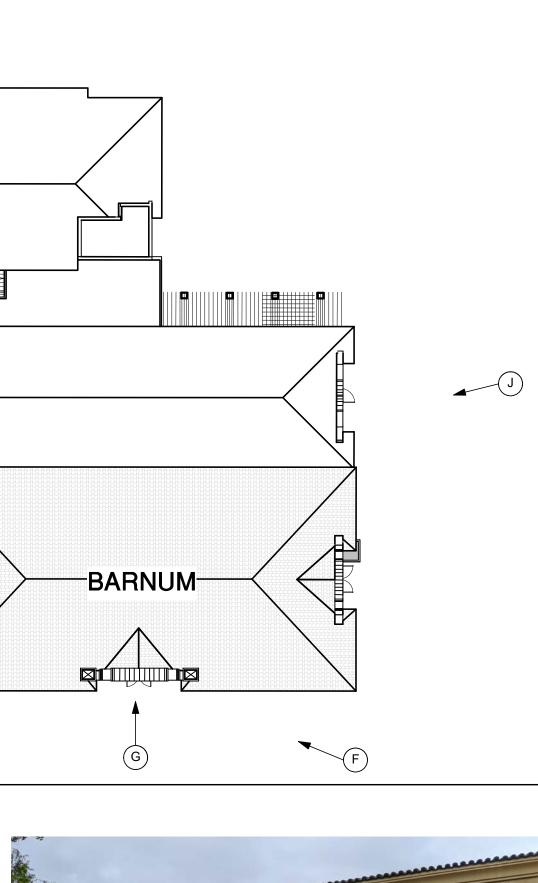


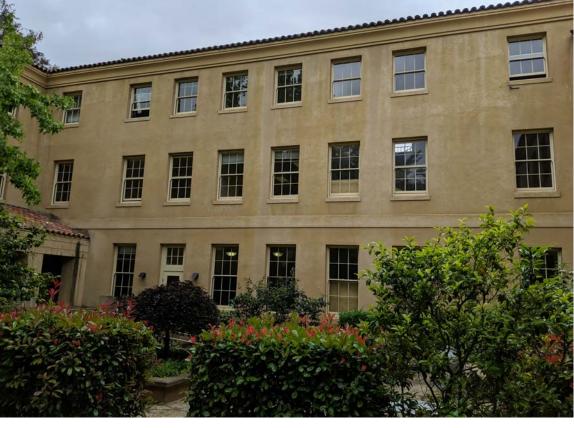






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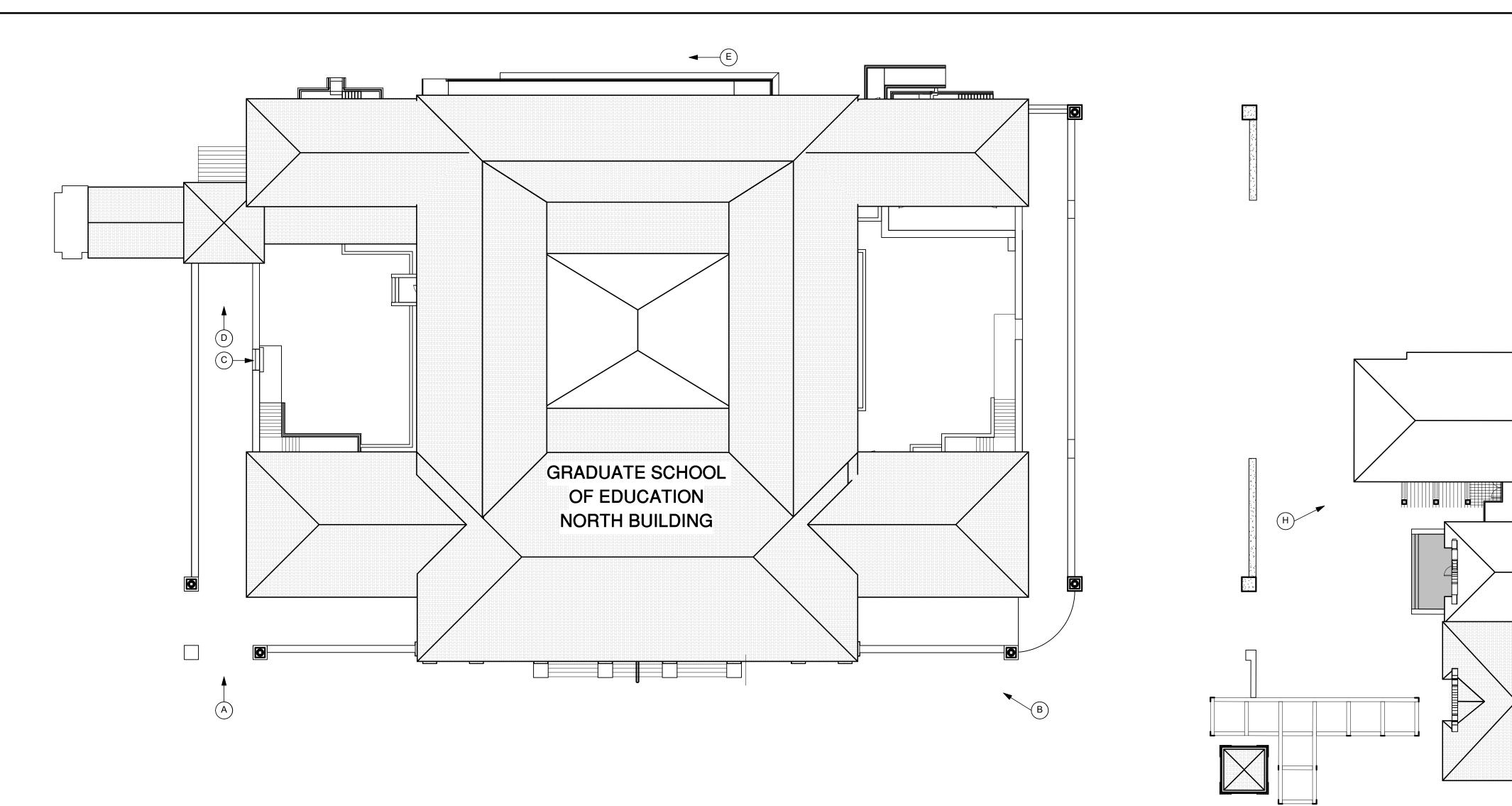




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CONSULTANTS
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GRADUATE SCHOOL OF EDUCATION
485 LASUEN MALL
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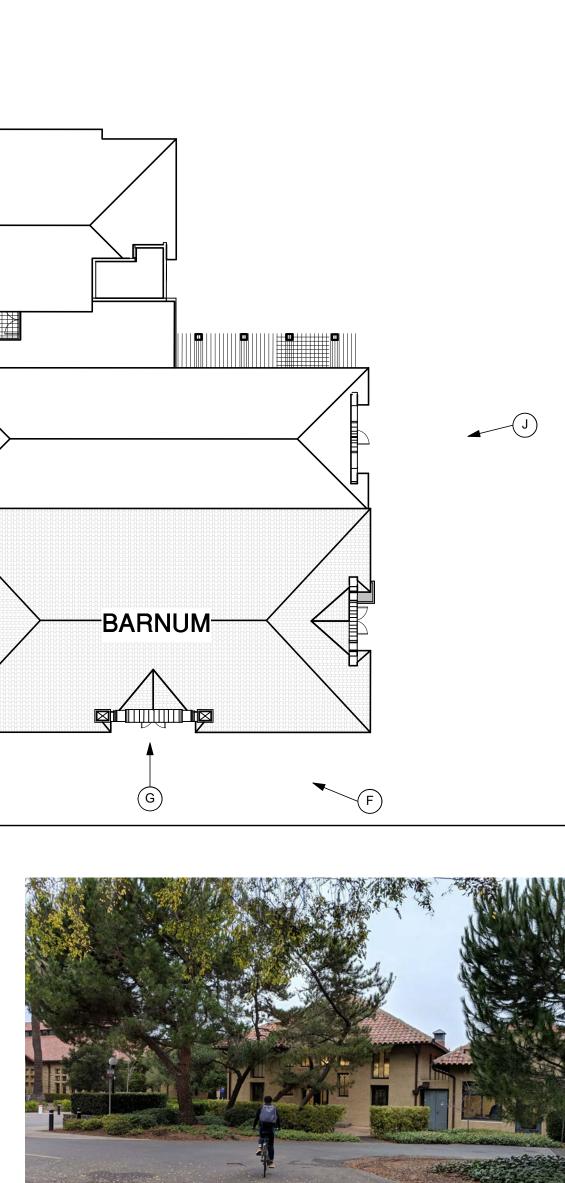




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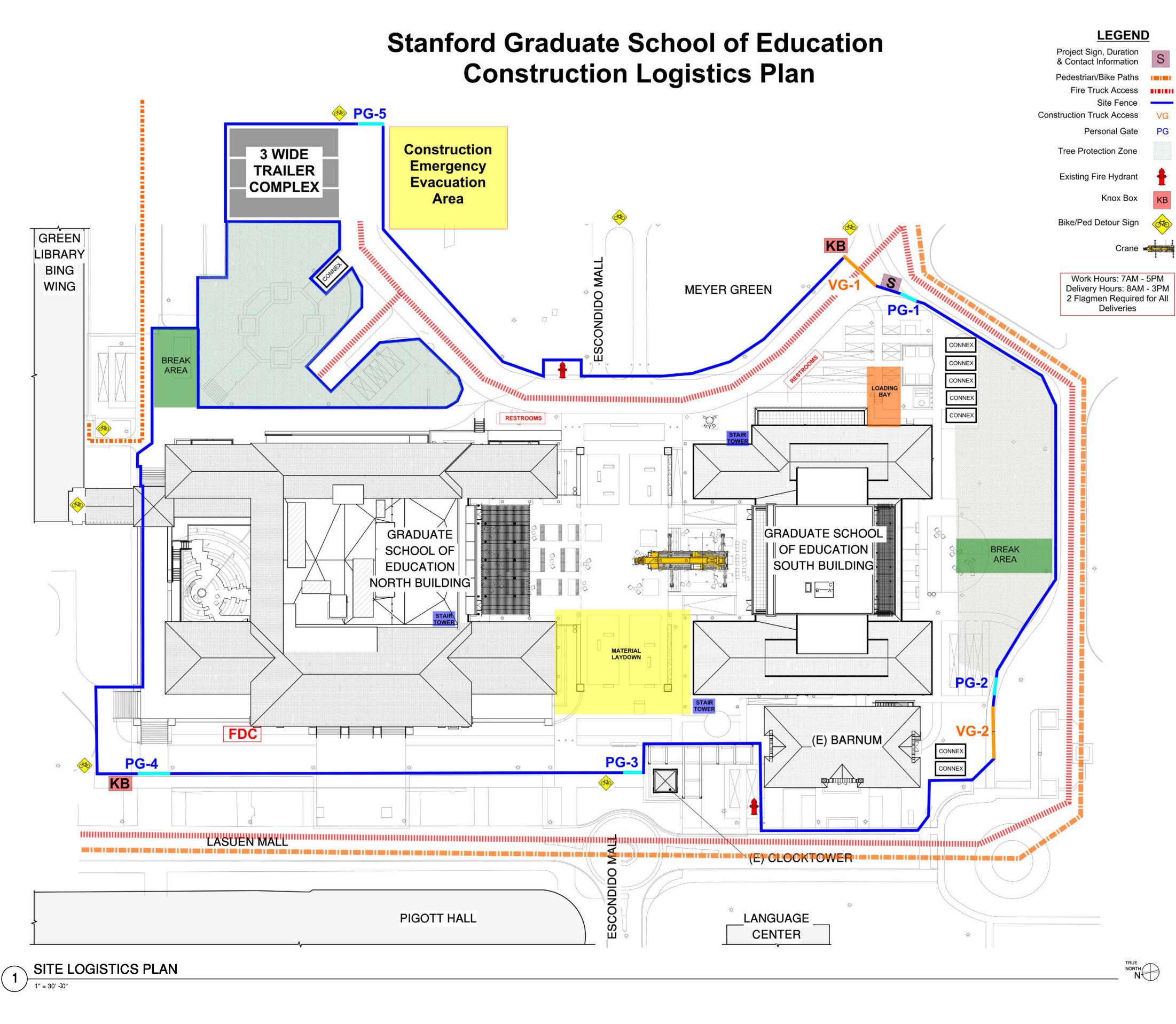
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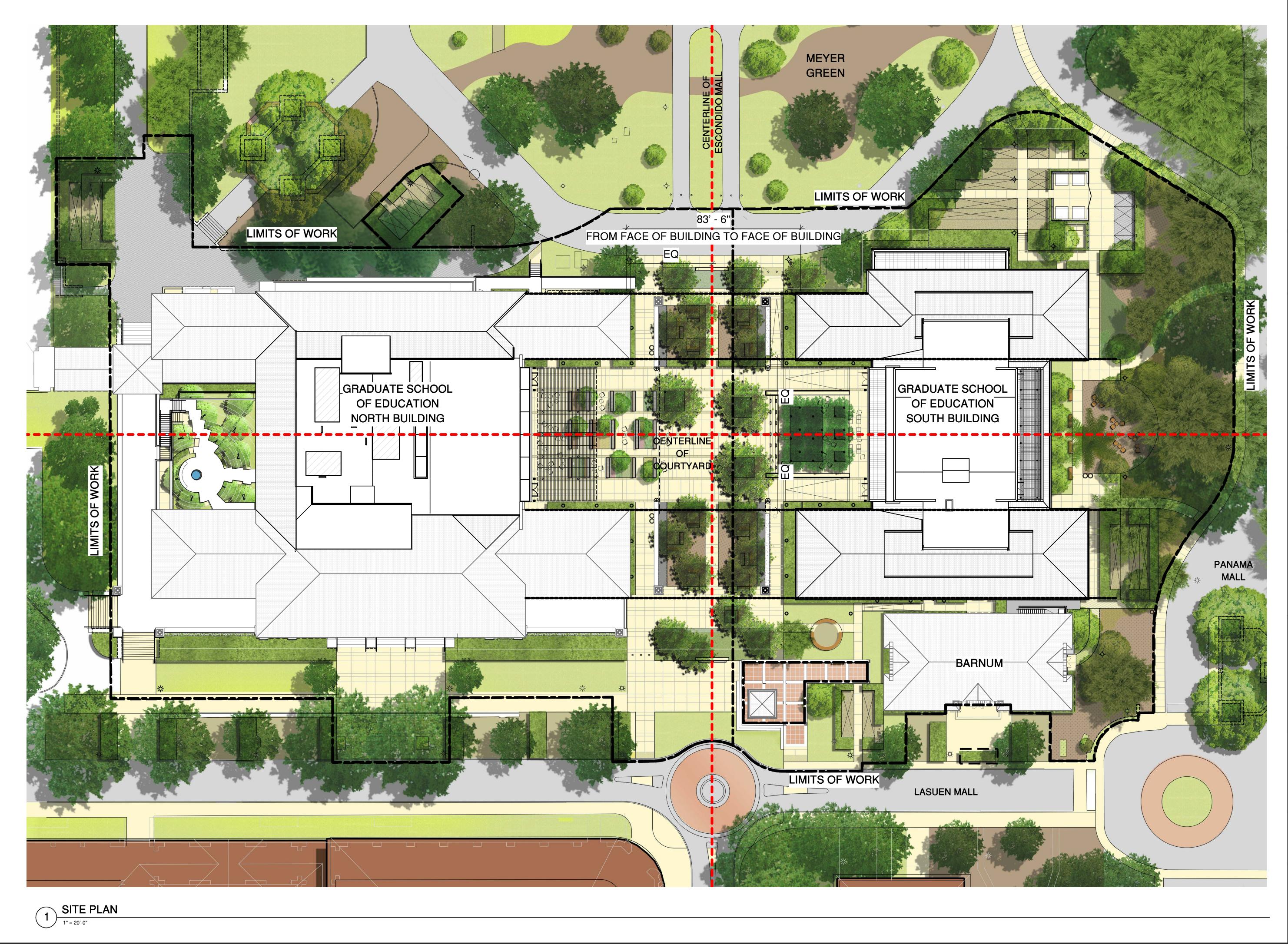
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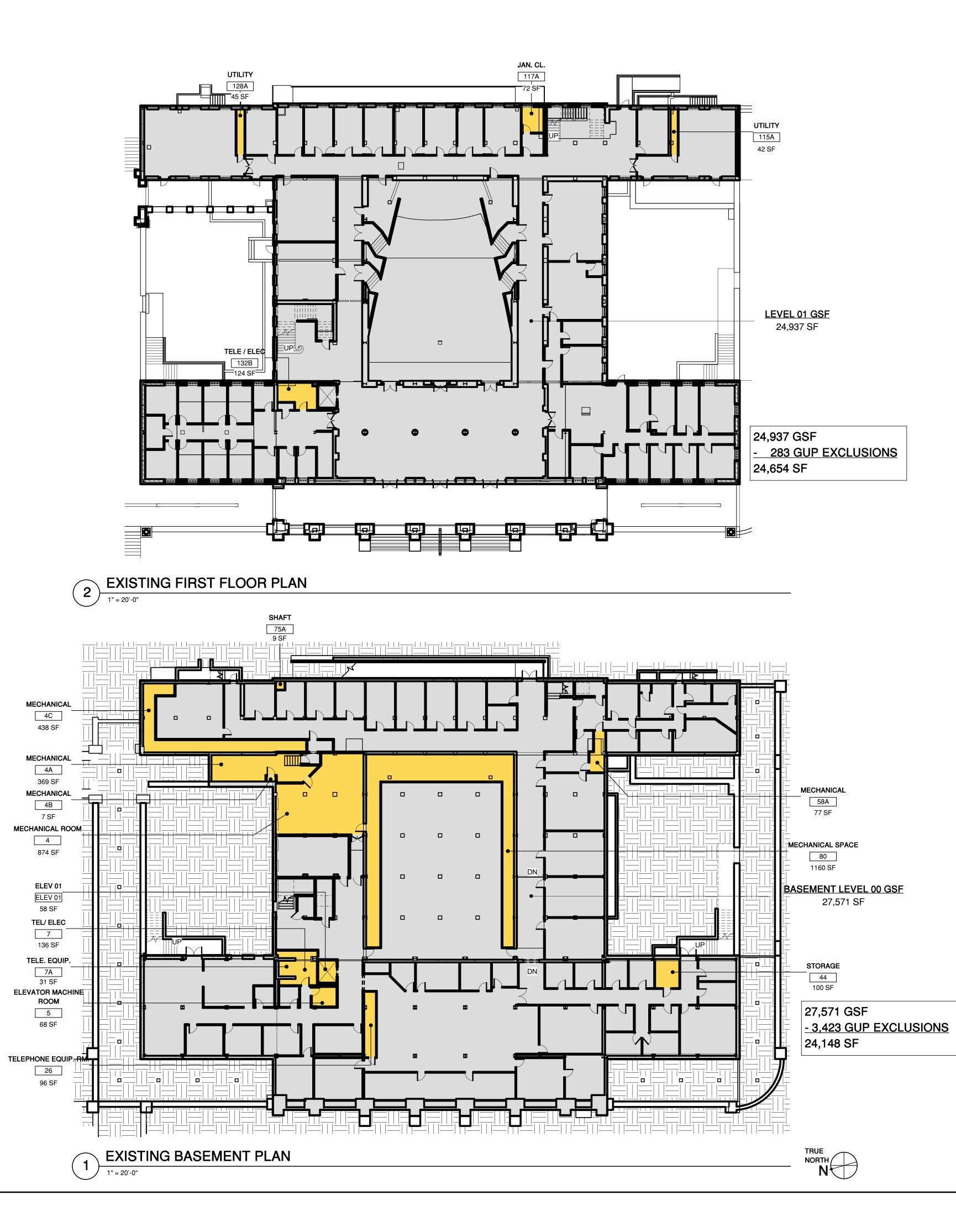


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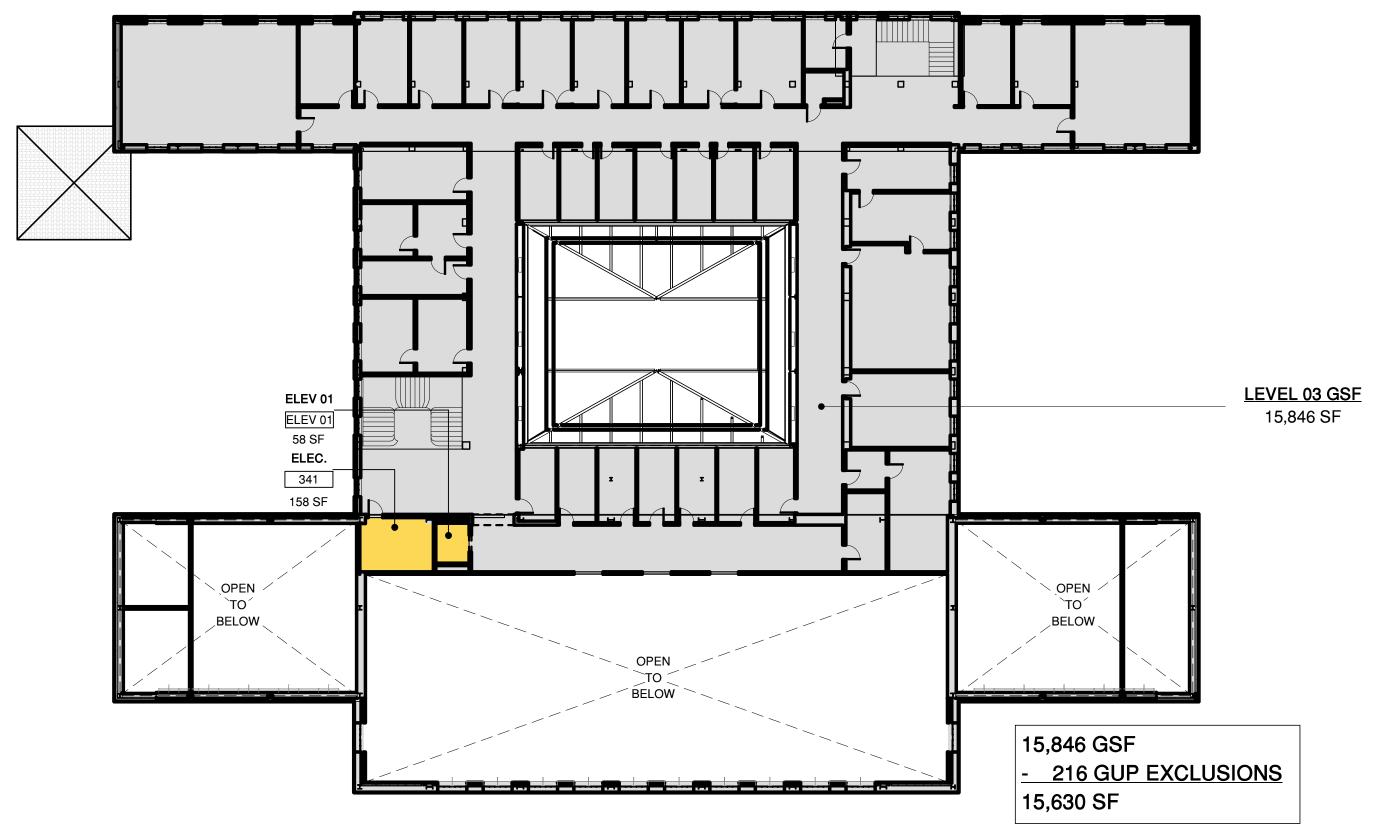


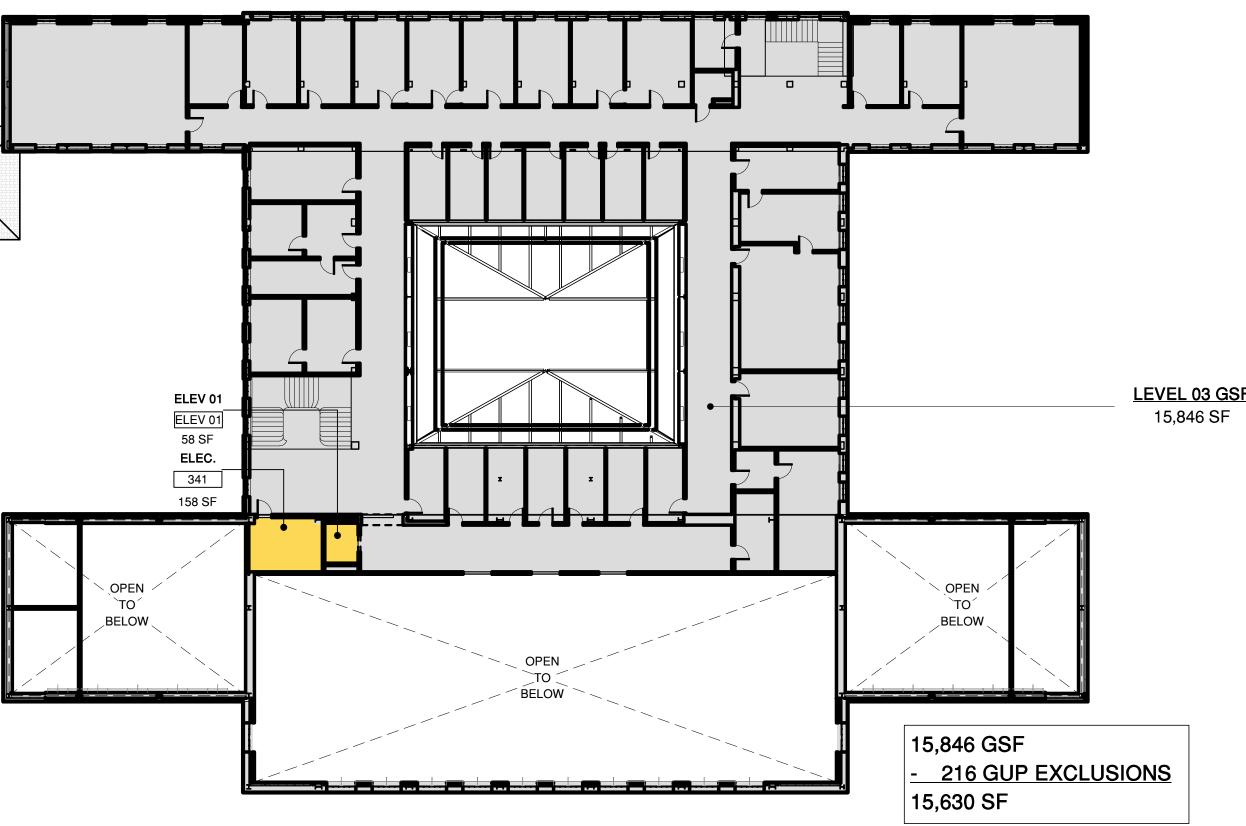
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485 LASUEN MALL
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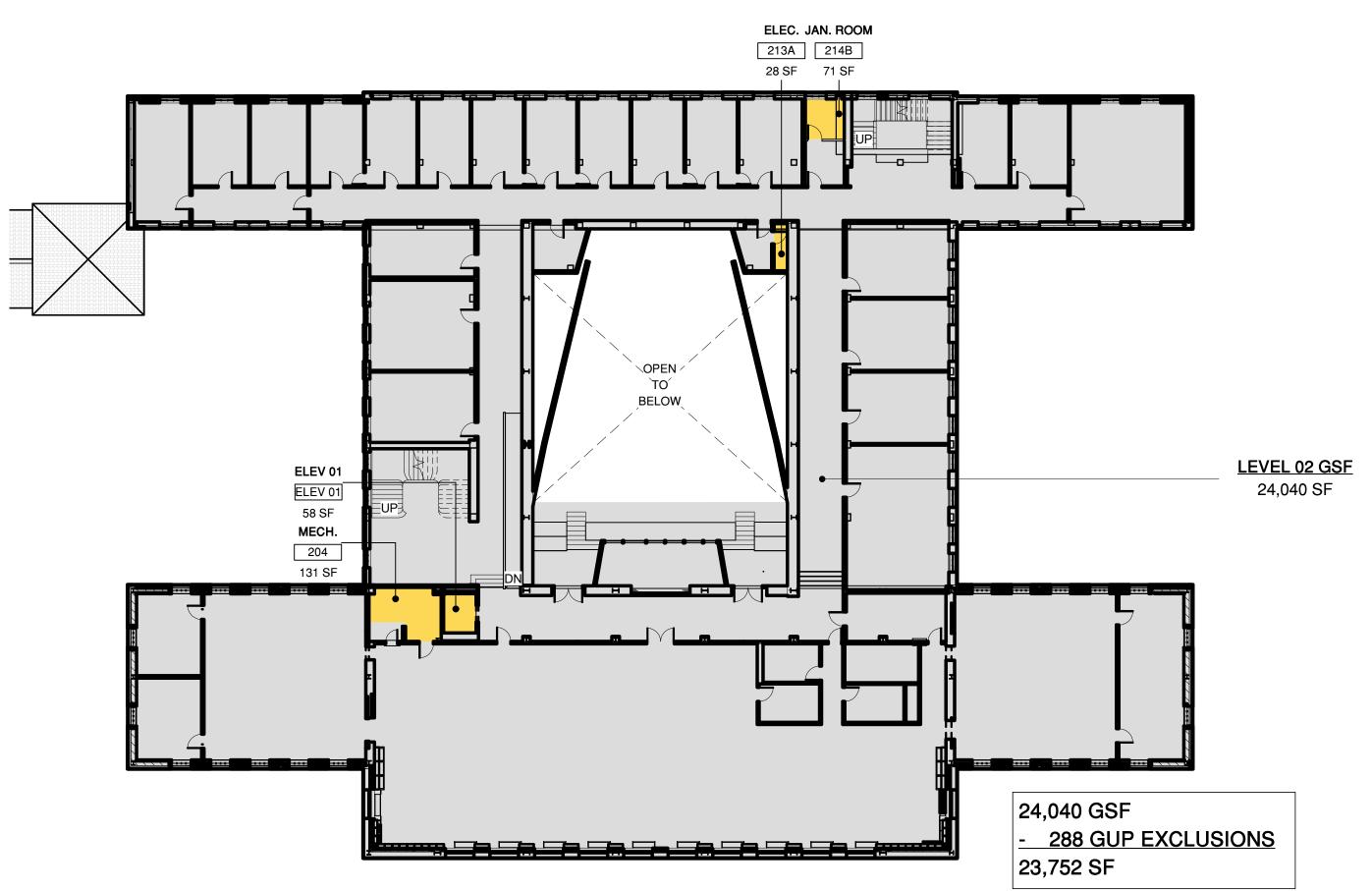


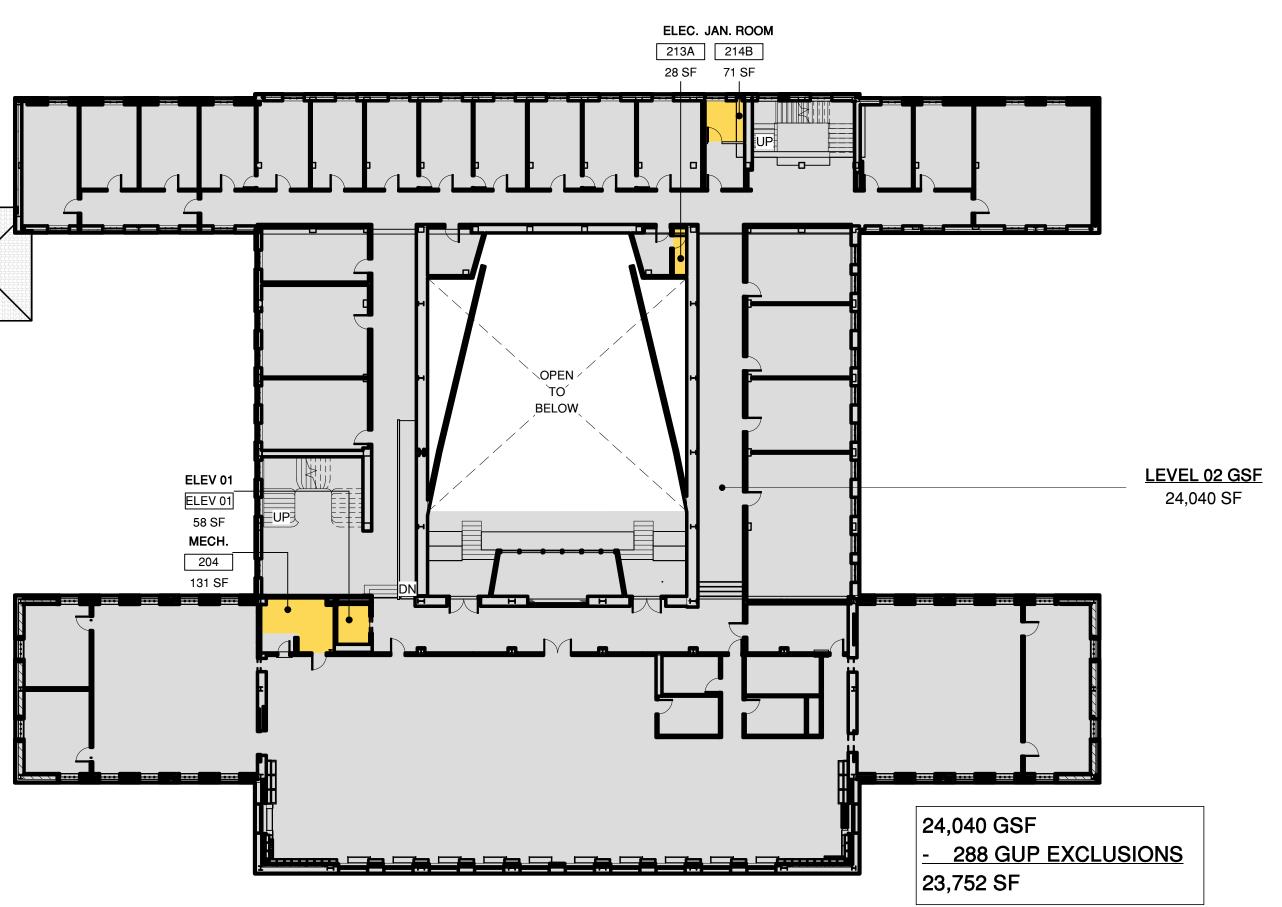
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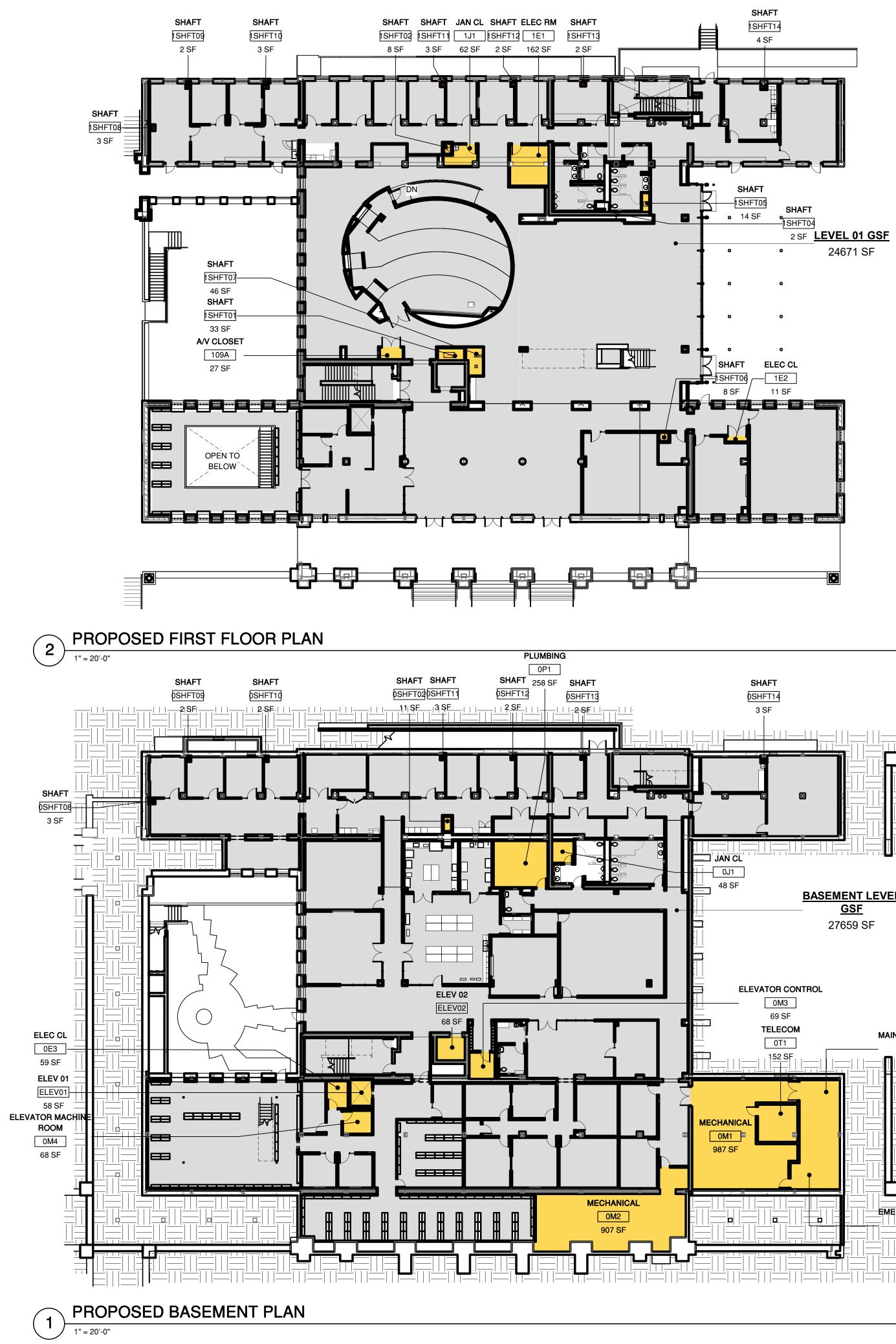


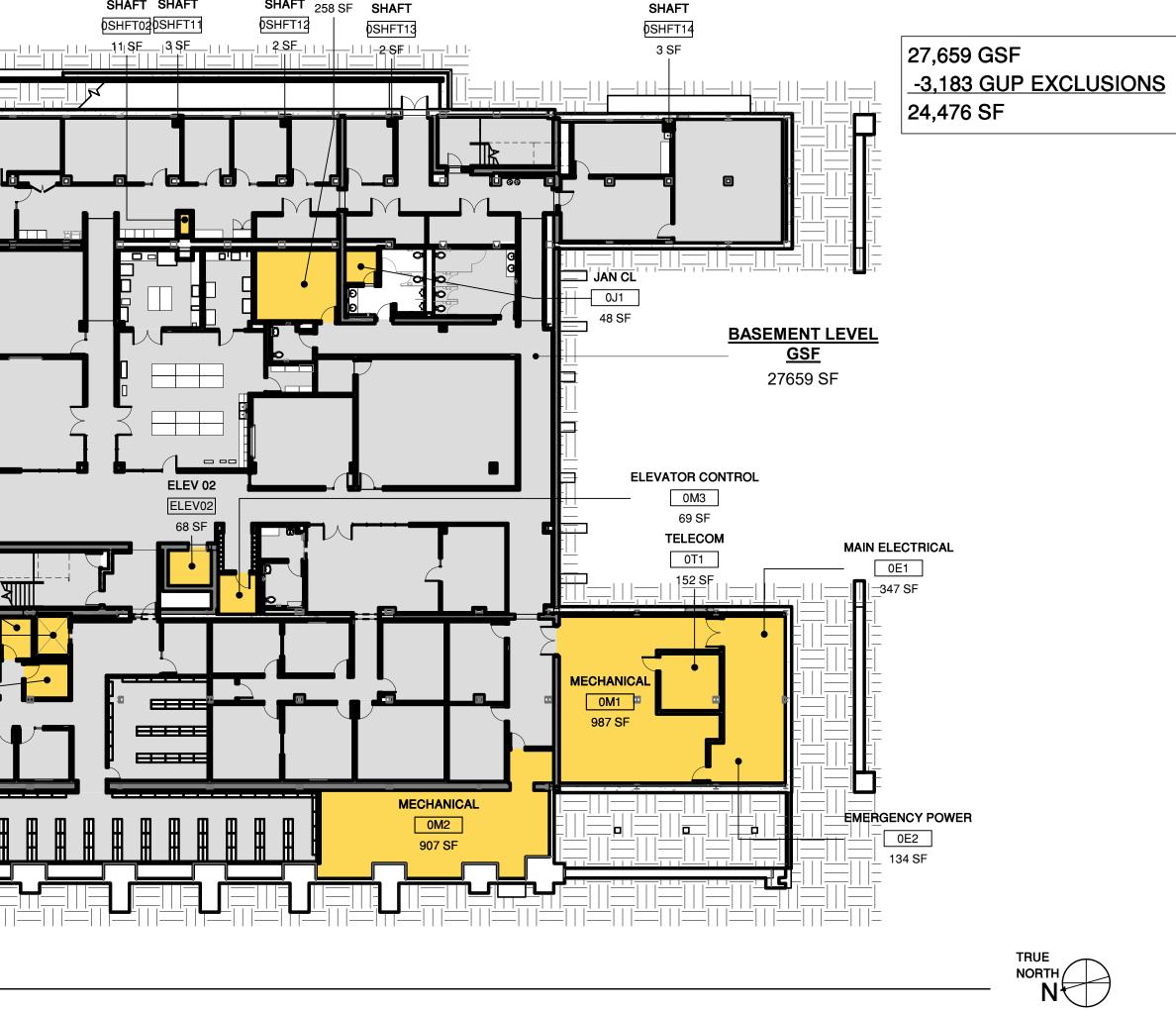






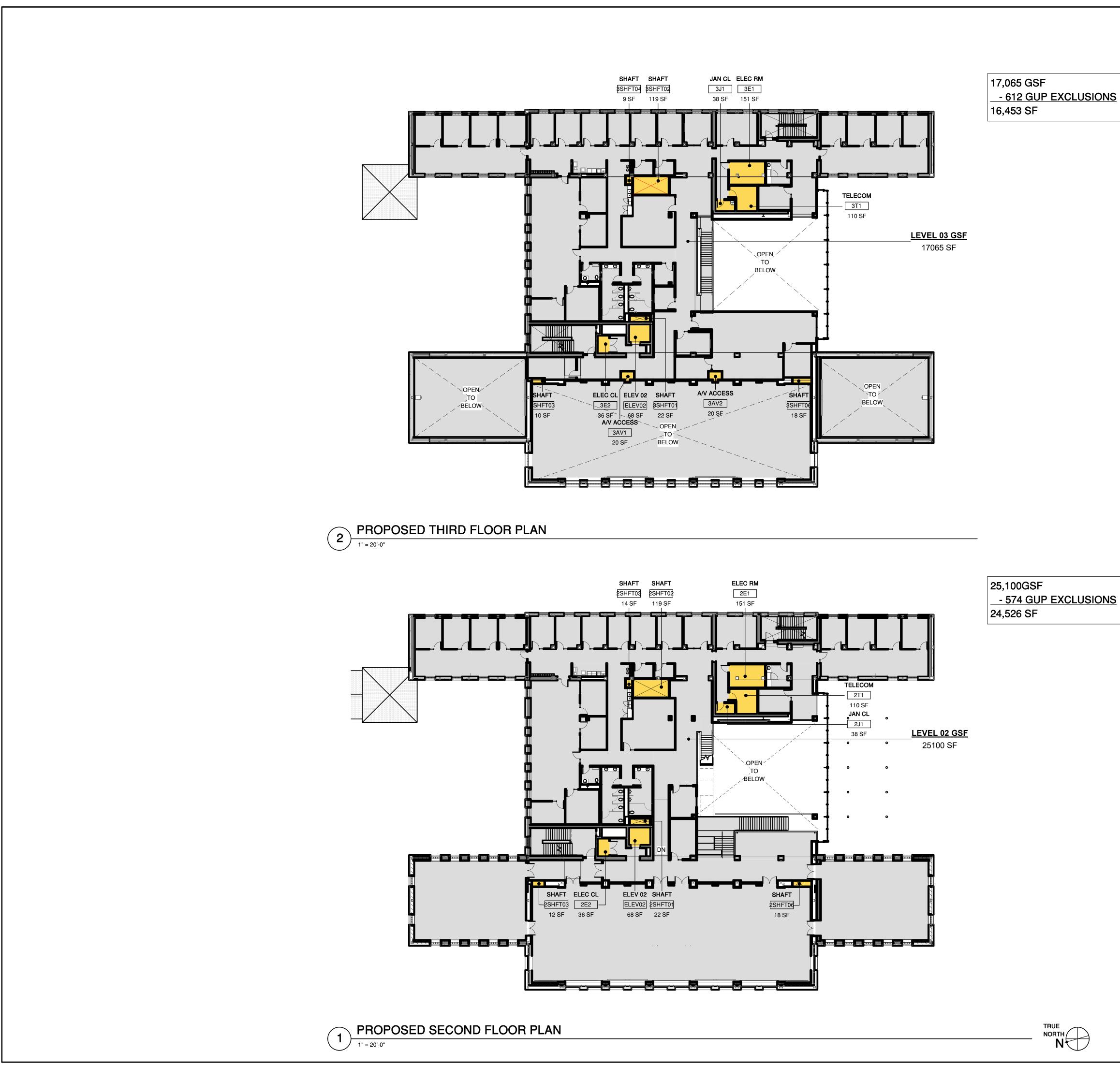
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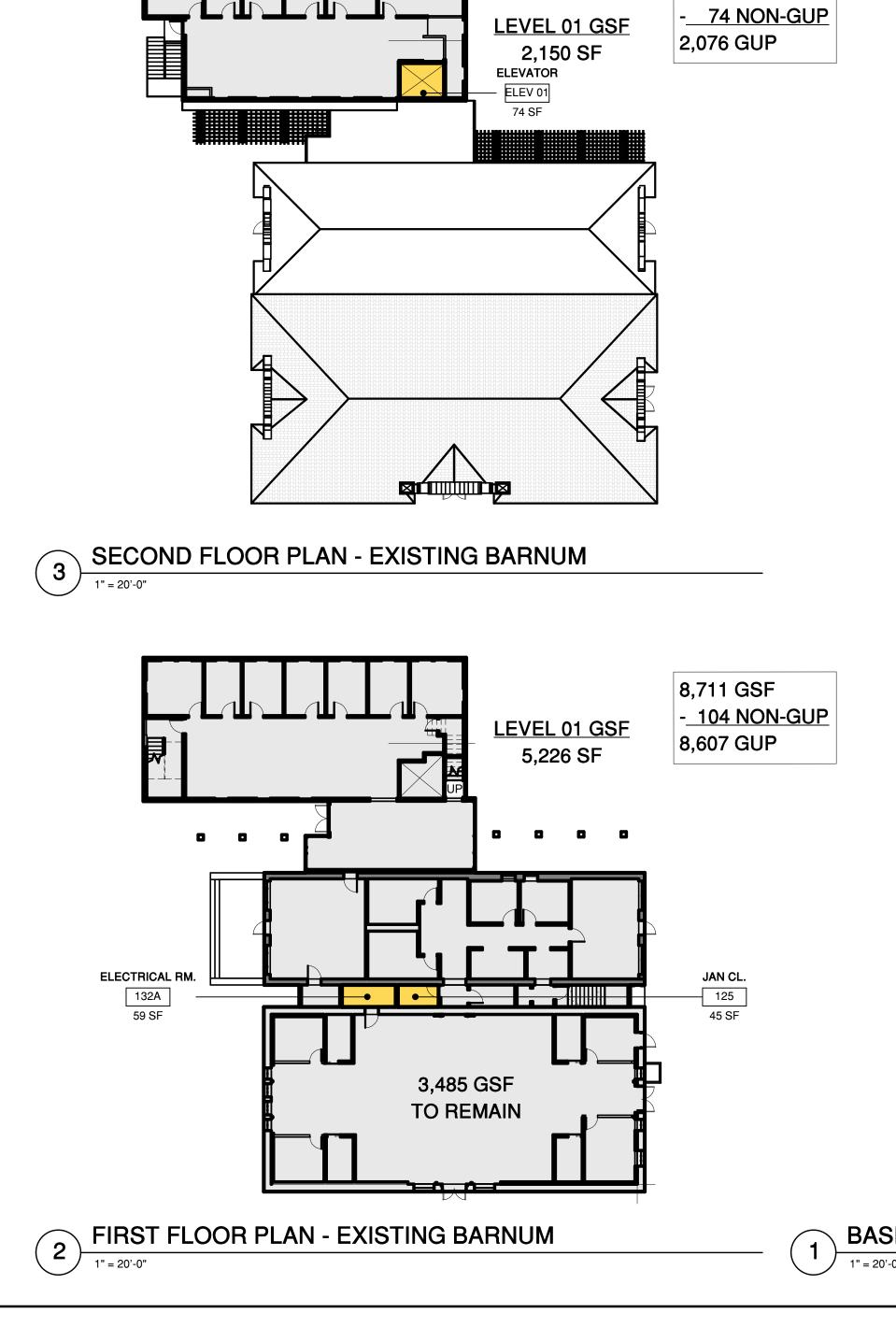


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GRADUATE SCHOOL OF EDUCATION 485 LASUEN MALL STANFORD, CA 94305 SHEET TITLE NB GUP ANALYSIS PROPOSED PROJECT NO. 17013 DRAWN BY TK / AS CHECKED BY SHEET					
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EDUCATION 485 LASUEN MALL STANFORD, CA 94305 SHEET TITLE NB GUP ANALYSIS PROPOSED PROPOSED PROPOSED PROVECT NO. 17013 DRAWN BY TK/AS CHECKED BY MA					
STANFORD, CA 94305 SHEET TITLE NB GUP ANALYSIS PROPOSED PROJECT NO. 17013 DRAWN BY TK / AS CHECKED BY MA SHEET					
SHEET TITLE NB GUP ANALYSIS PROPOSED PROJECT NO. 17013 DRAWN BY TK / AS CHECKED BY SHEET				485 LASUEN M	MALL
NB GUP ANALYSIS PROPOSED PROJECT NO. 17013 DRAWN BY TK / AS CHECKED BY SHEET				STANFORD, CA	94305
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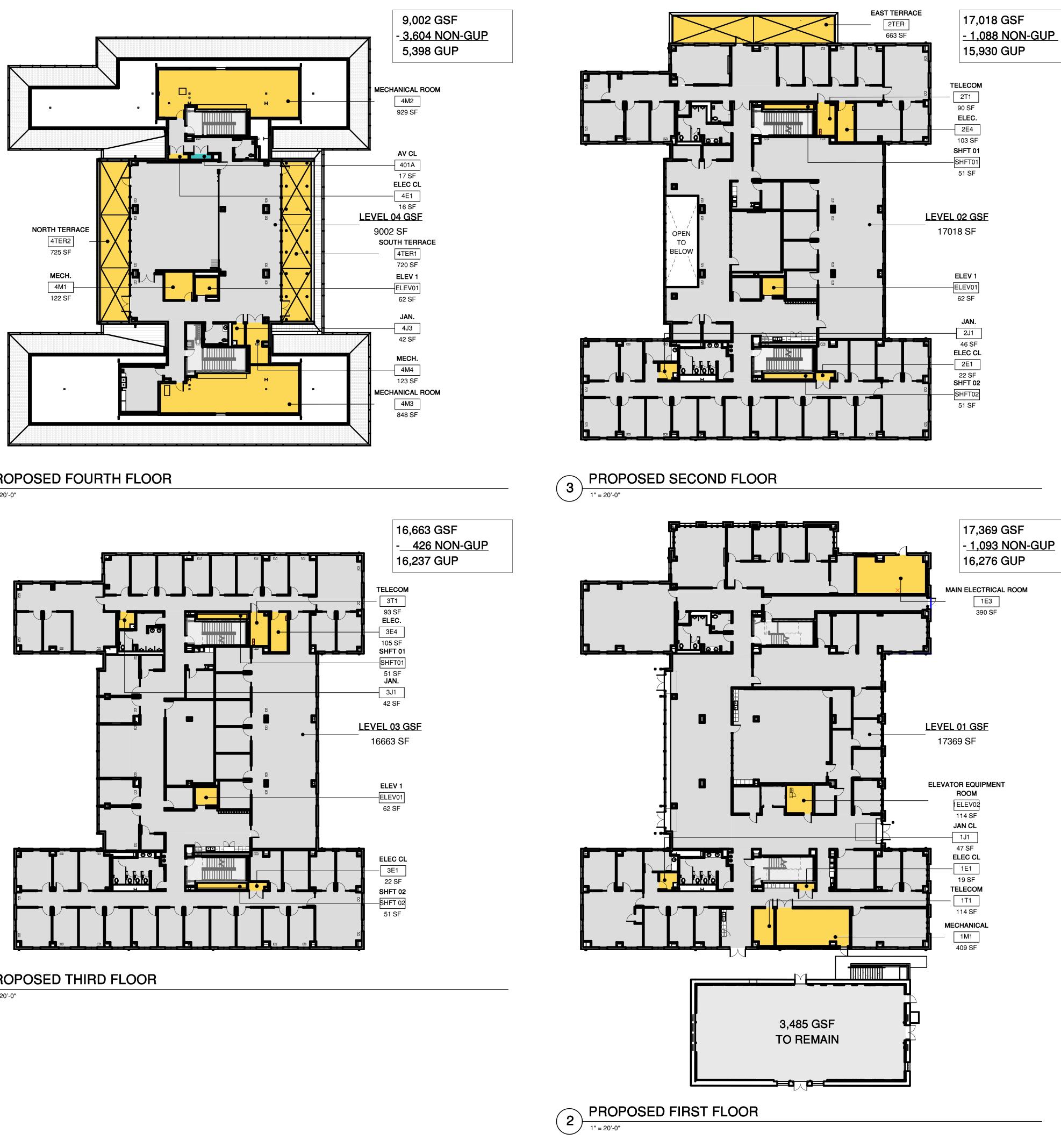


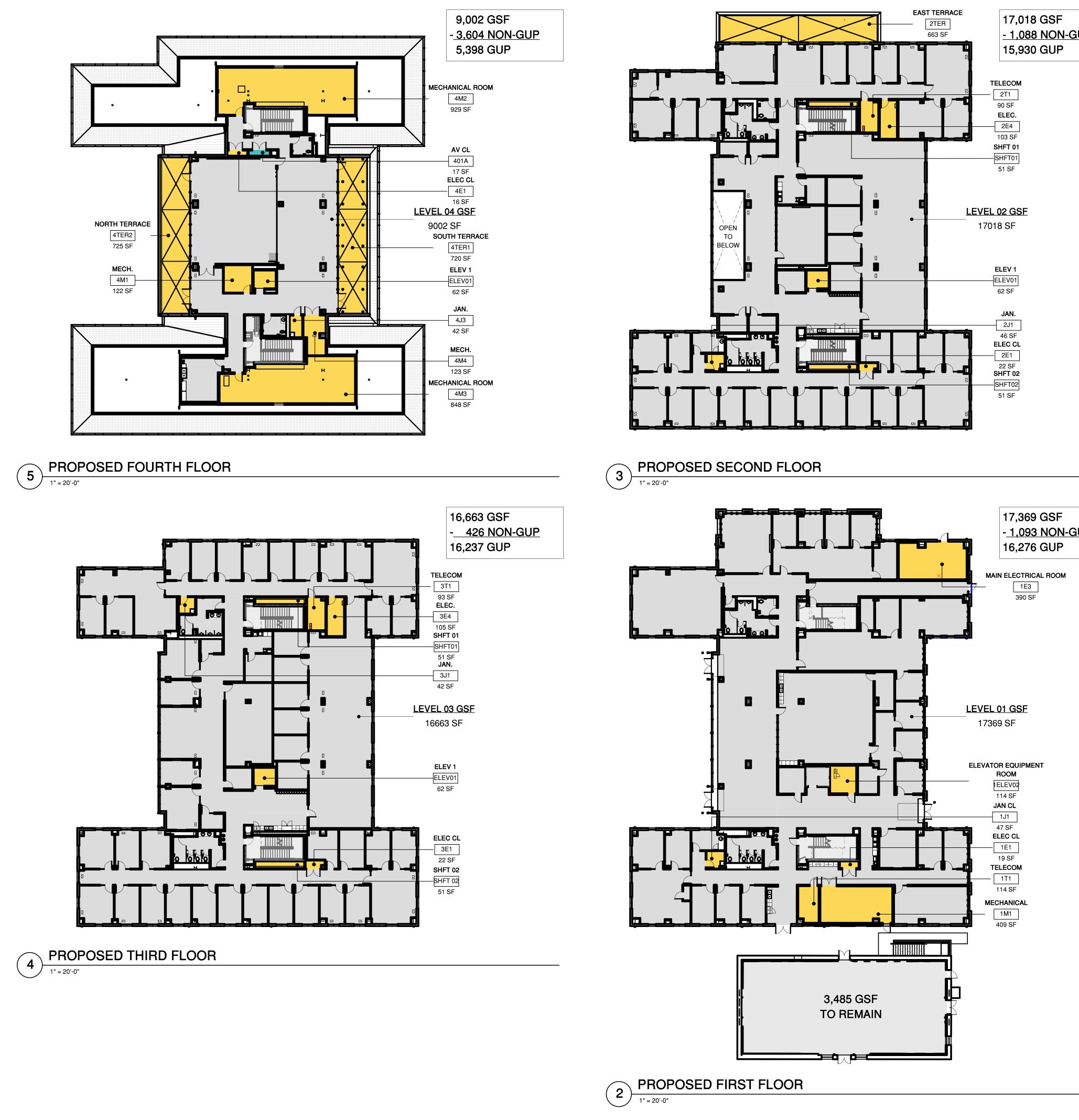


2,150 GSF

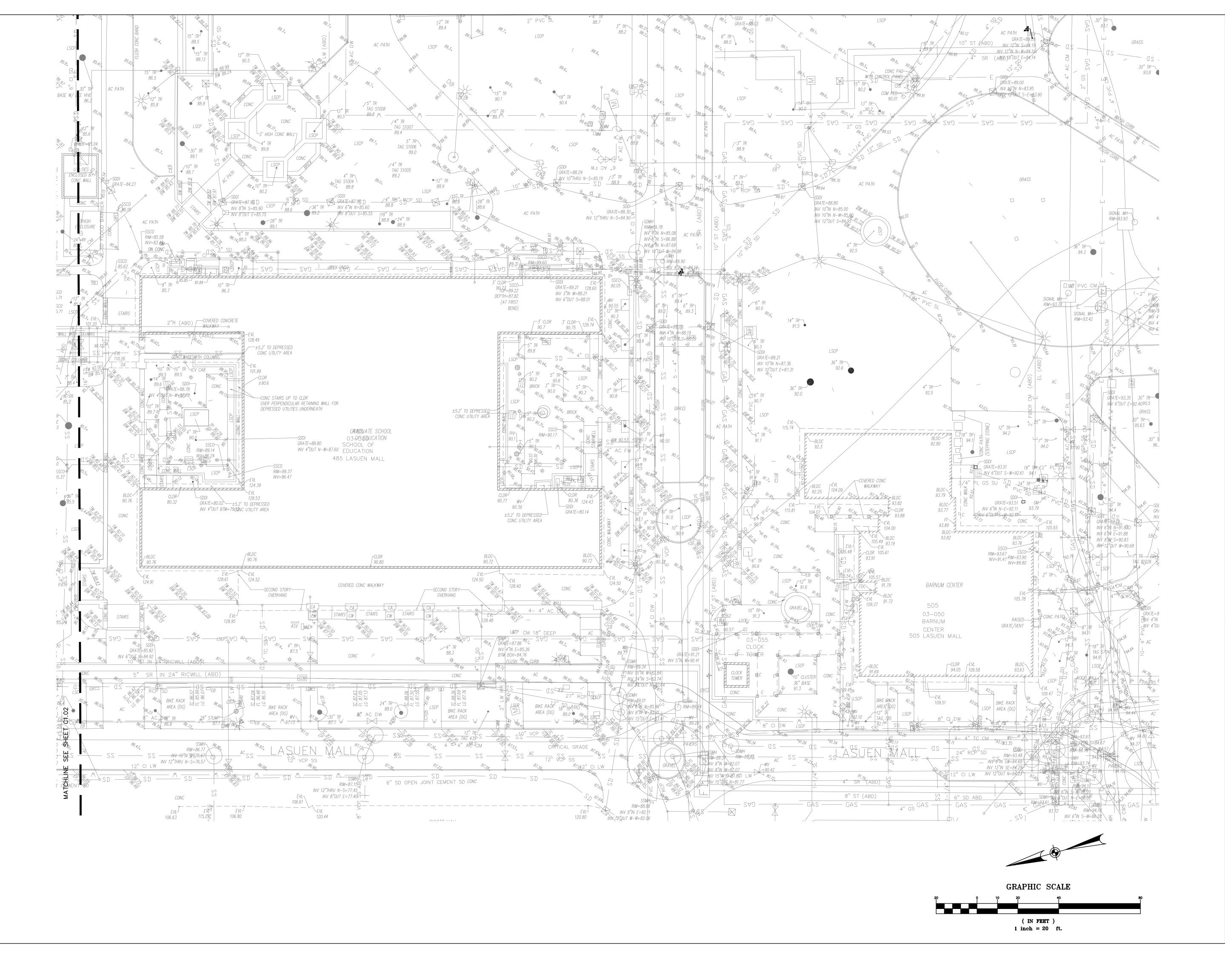
BARNUM FAMILY C	ENTER				
	GUP	GROSS		CA	
SECOND FLOOR	2,076 SF	2,150 GSF			
FIRST FLOOR	8,607 SF	8,711 GSF		ARCHIT	ЕСТС
BASEMENT	<u>0 SF</u>	453 GSF		455 LAMBERT AVENUE PA WWW.CAWARCHITECTS.COM • 650.3	
TOTAL	10,683 SF	11,314 GSF		COPYRIGHT 2017 BY CAW ARCI	HTECTS, INC.
BARNUM FAMILY C	ENTER (PORT	ION TO BE DEM GROSS	OLISHED)	WILLIAM RAWN ASSOCIA	ATES Architects, Inc. 10 Post Office Sq. Suite 1010
SECOND FLOOR	2,076 SF	2,150 GSF			Boston, MA 02109
				STAMP	
FIRST FLOOR	5,122 SF	8,711 GSF			
BASEMENT	<u>0 SF</u>	<u>453 GSF</u>			
TOTAL	7,198 SF	7,376 GSF			
BARNUM FAMILY C			J)		
	GUP	GROSS		CONSULTANTS	
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			DATE
			_	ASA DRAFT	6/26/2020
					0/20/2020
		453 GSF - <u>453 NON-G</u>	UP	GRADUATE SC EDUCAT	
		0 GUP		505 LASUEN	MALL
				STANFORD, C	A 94305
				SHEET TITLE	
				BARNUM GUP A	
453 GSF					
	╷╶┟╴╴╸╟└	1		PROJECT NO. 17013	
		l		DRAWN BYTK / AECHECKED BYMG / MA	
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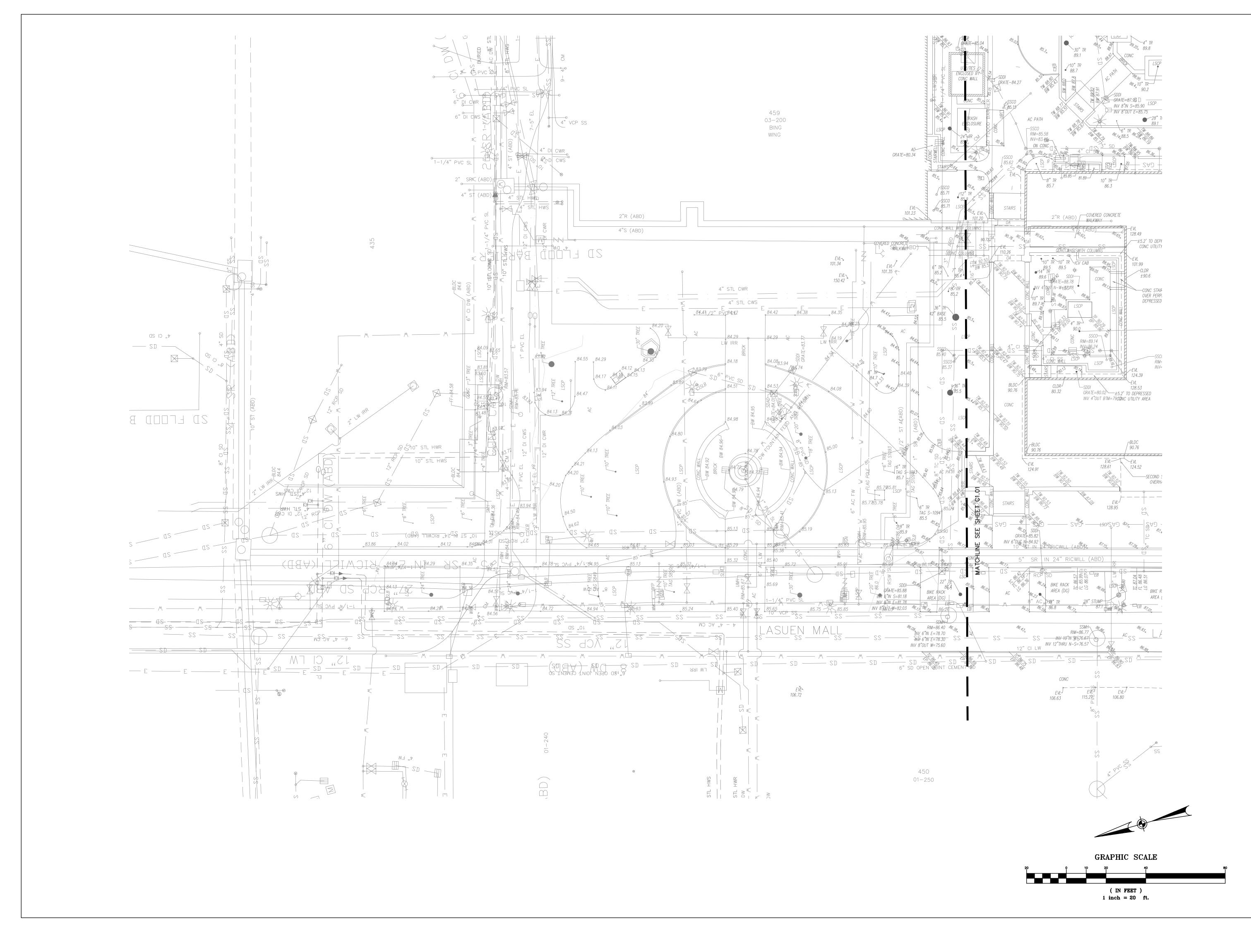




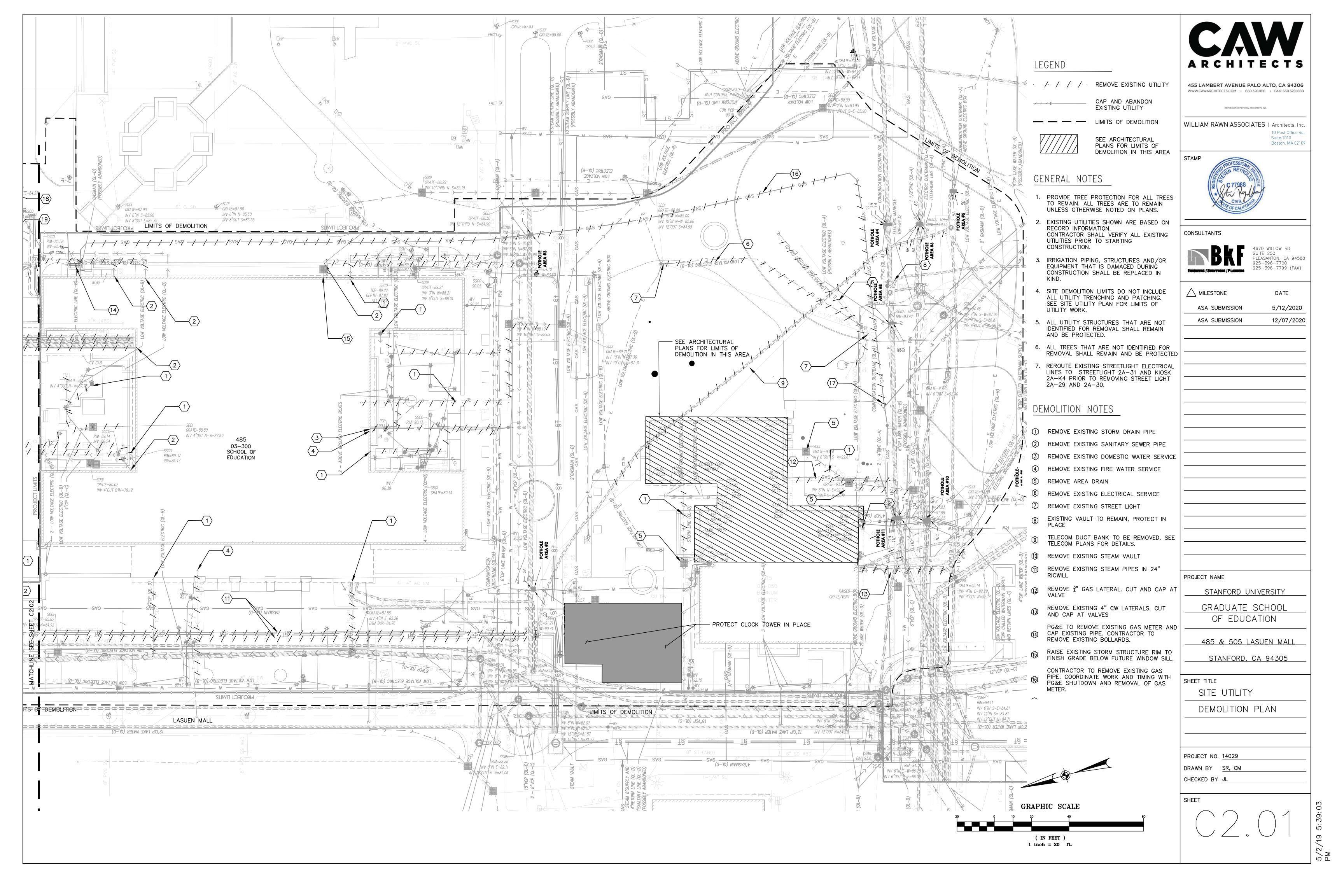
SOUTH BUILDING				
Fourth Floor Third Floor	GUP 5,398 SF 16,237 SF	GROSS 9,002 GSF 16,663 GSF	ARCHIT	ЕСТЅ
SECOND FLOOR FIRST FLOOR	15,930 SF 16,276 SF	17,018 GSF 17,369 GSF	455 LAMBERT AVENUE PALO WWW.CAWARCHITECTS.COM • 650.328.18	
TOTAL	53,841 SF	60,052 GSF	COPYRIGHT 2017 BY CAW ARCHITECT	S Architects, Inc. 10 Post Office Sq. Suite 1010
BARNUM FAMILY (CTAND	Boston, MA 02109
FIRST FLOOR BASEMENT FLOOF	GUP 3,485 SF R 0 SF	GROSS 3,485 GSF <u>453 GSF</u>	STAMP	
TOTAL	3,485 SF	3,938 GSF		
			CONSULTANTS	
				DATE
			ASA DRAFT	6/26/2020
			PROJECT NAME SOUTH BUIL	DING
			GRADUATE SCH EDUCATIO	OOL OF
			505 LASUEN M	IALL
			STANFORD, CA	94305
			SHEET TITLE SB AND BARNU ANALYSIS - PRO	
B GSF EMAIN			PROJECT NO.17013DRAWN BYTK / AECHECKED BYMG / MA	
		TRUE	SHEET SAO	2
DPOSED BASEM	ENT	NORTH		

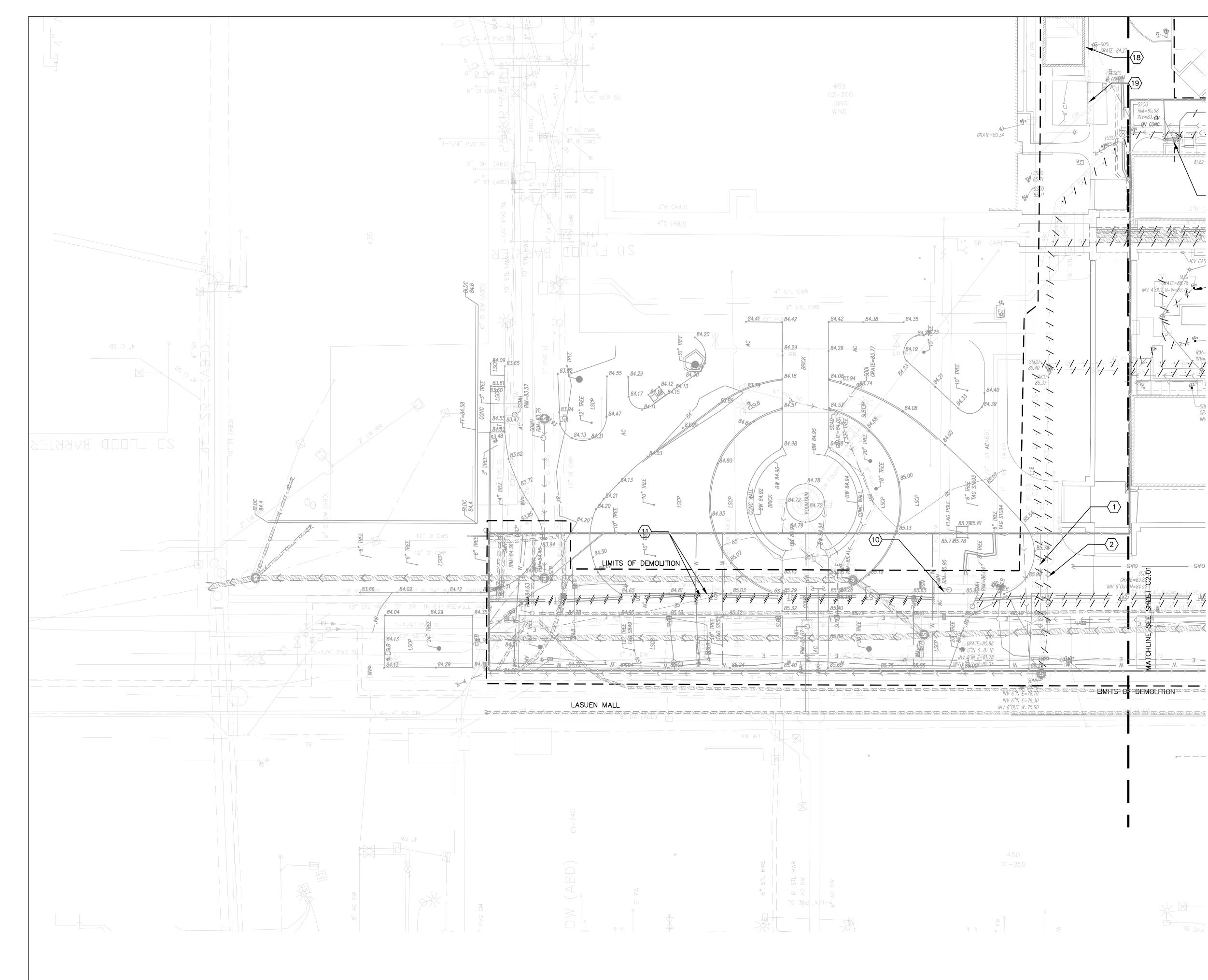


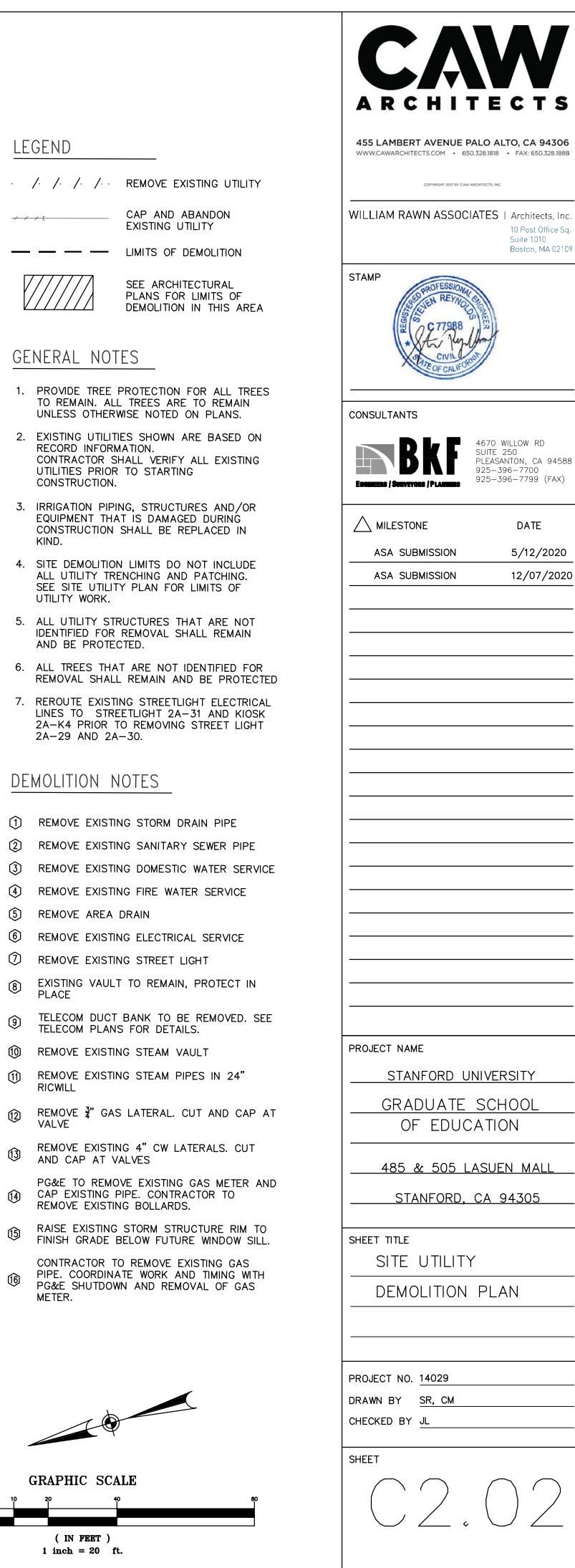
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CONSULTANTS	
Encancers / Surveyors / Planners	4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700 925–396–7799 (FAX)
	DATE
ASA SUBMISSION	5/12/2020 12/07/2020
PROJECT NAME	
STANFORD_U	NIVERSITY
GRADUATE	
OF EDUC	
	ASUEN MALL
STANFORD,	<u>CA 94305</u>
SHEET TITLE EXISTING CC	NDITIONS
PROJECT NO. <u>14029</u> DRAWN BY <u>SR, CM</u> CHECKED BY <u>JL</u>	
SHEET	$\bigcirc 1$



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CONSULTANTS
EXAMPLES (SURVEYORS PLANNERS 4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925-396-7700 925-396-7799 (FAX)
ASA SUBMISSION 5/12/2020 ASA SUBMISSION 12/07/2020
PROJECT NAME
STANFORD UNIVERSITY
GRADUATE SCHOOL OF EDUCATION
485 & 505 LASUEN MALL
<u>485 & 505 LASUEN MALL</u> <u>STANFORD, CA 94305</u>
EXISTING CONDITIONS
PROJECT NO.14029DRAWN BYSR, CMCHECKED BYJL
SHEET
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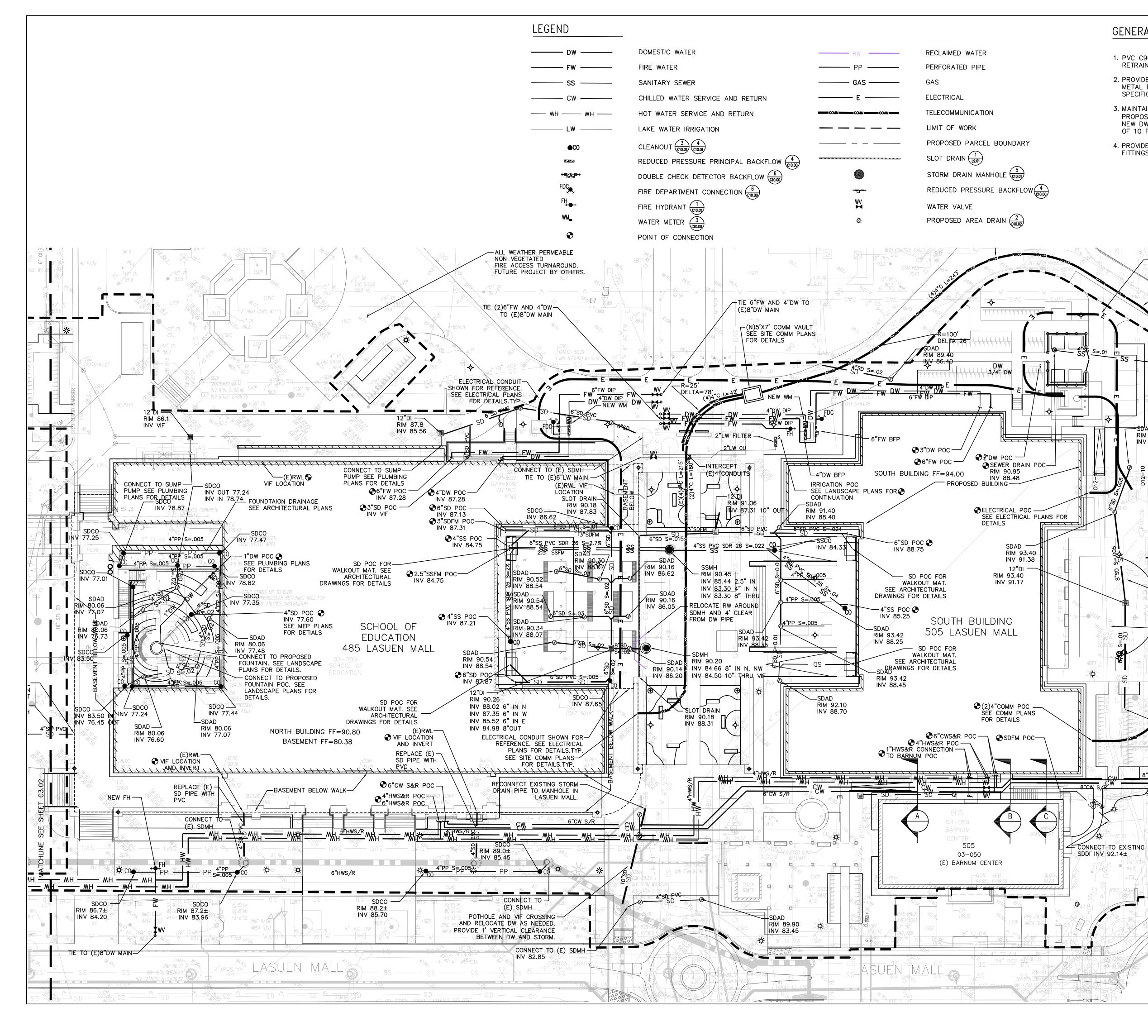
81.89-

002

12 REMOVE ³/₄" GAS LATERAL. CUT AND CAP AT VALVE

- BEMOVE EXISTING 4" CW LATERALS. CUT AND CAP AT VALVES
- CAP EXISTING PIPE. CONTRACTOR TO (14)
- (15)
- PIPE. COORDINATE WORK AND TIMING WITH PG&E SHUTDOWN AND REMOVAL OF GAS 16

တ



GENERAL NOTES

ELECTRICAL CONDUIT

SHOWN FOR REFERENCE.

SEE ELECTRICAL PLANS FOR DETAILS.TYP.

-COMM CONDUIT SHOWN

FOR REFERENCE. SEE

-CONNECT TO

ု လူလူ

(E)VAULT_D12-17

-\$SC0

INV 87.92

NV 87.8

- COMM CONDUIT

REFERENCE. SEE

COMM PLANS FOR

SHOWN FOR

DETAILS.TYP.

- NEW FH

VERIFY EXACT

IN PLACE

HE TO (E)18"DI CW MANN

GRAPHIC SCALE

(IN FEET) 1 inch = 20 ft.

LOCATION OF GAS IN

FIELD. (E)GAS LINE

TO REMAÍN. PROTECT

COMM PLANS FOR

R=30' DELTA 58

NV 88.25

[≰]<u>6"FW ĎI</u>PFW

3

• CONNECT TO EXISTING

SDDI INV 90.68±

-R = 2

DETAILS.TYP.

SSCO

RIM 93.40

INV 91.50

FW

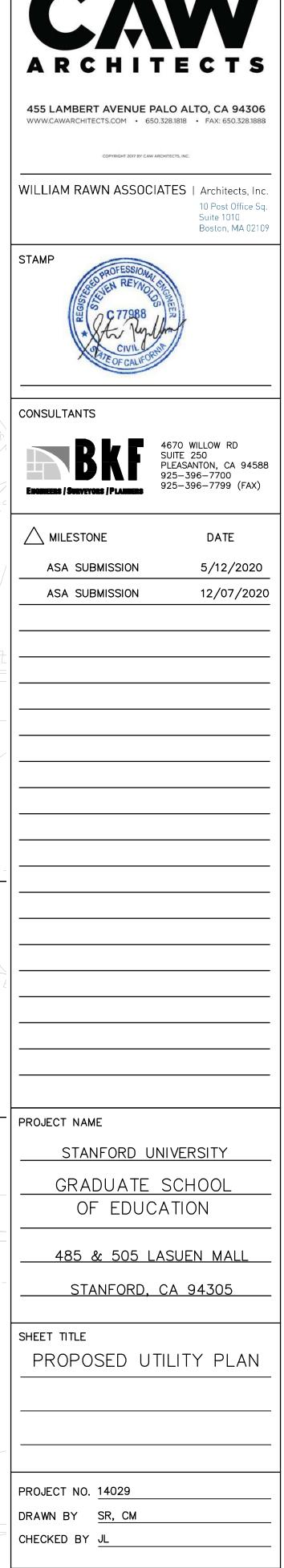
8"CW_S/F

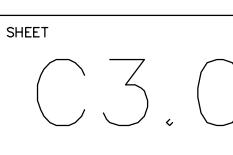
50

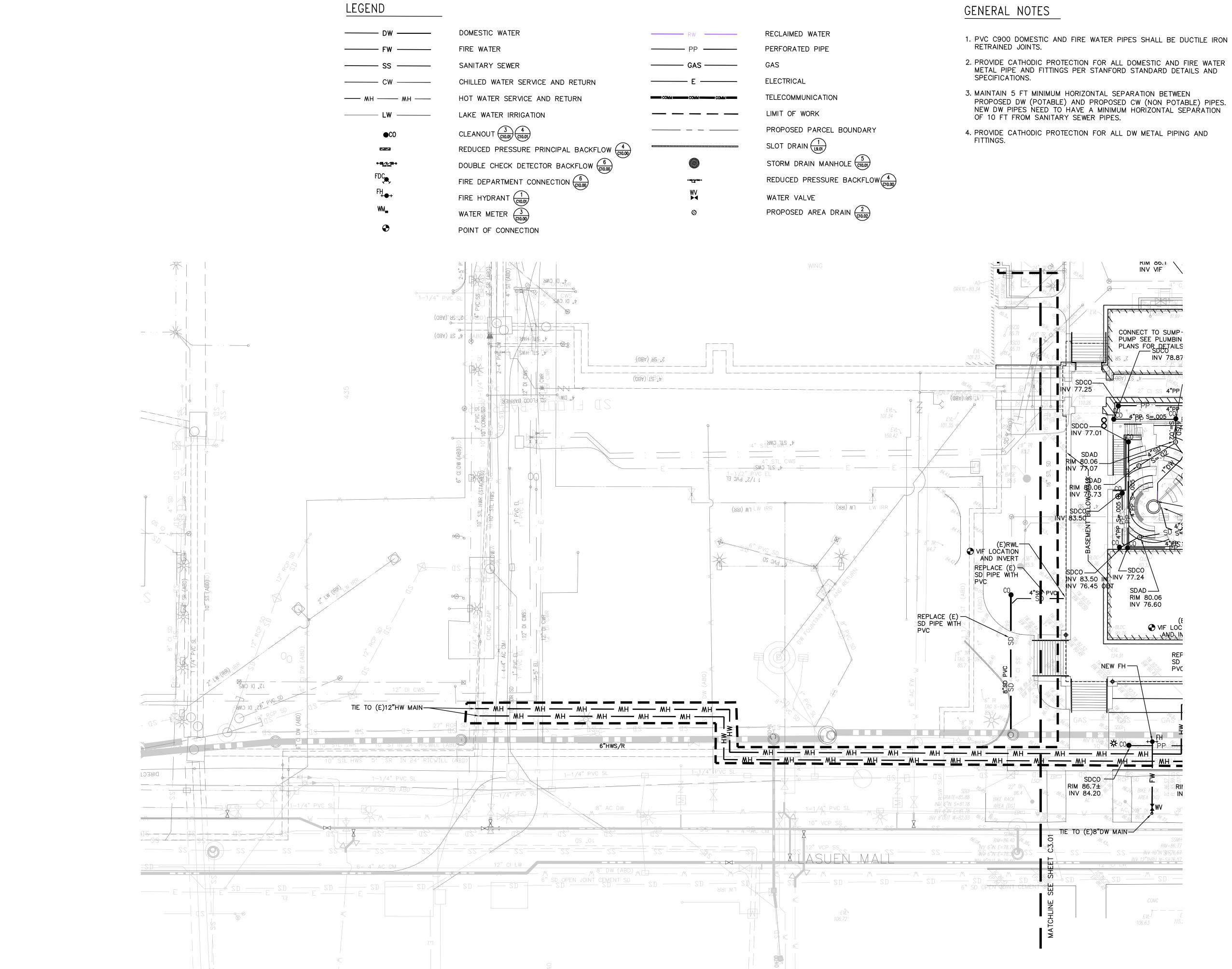
- 1. PVC C900 DOMESTIC AND FIRE WATER PIPES SHALL BE DUCTILE IRON RETRAINED JOINTS.
- 2. PROVIDE CATHODIC PROTECTION FOR ALL DOMESTIC AND FIRE WATER METAL PIPE AND FITTINGS PER STANFORD STANDARD DETAILS AND SPECIFICATIONS.
- 3. MAINTAIN 5 FT MINIMUM HORIZONTAL SEPARATION BETWEEN PROPOSED DW (POTABLE) AND PROPOSED CW (NON POTABLE) PIPES. NEW DW PIPES NEED TO HAVE A MINIMUM HORIZONTAL SEPARATION OF 10 FT FROM SANITARY SEWER PIPES.

* K

4. PROVIDE CATHODIC PROTECTION FOR ALL DW METAL PIPING AND FITTINGS.



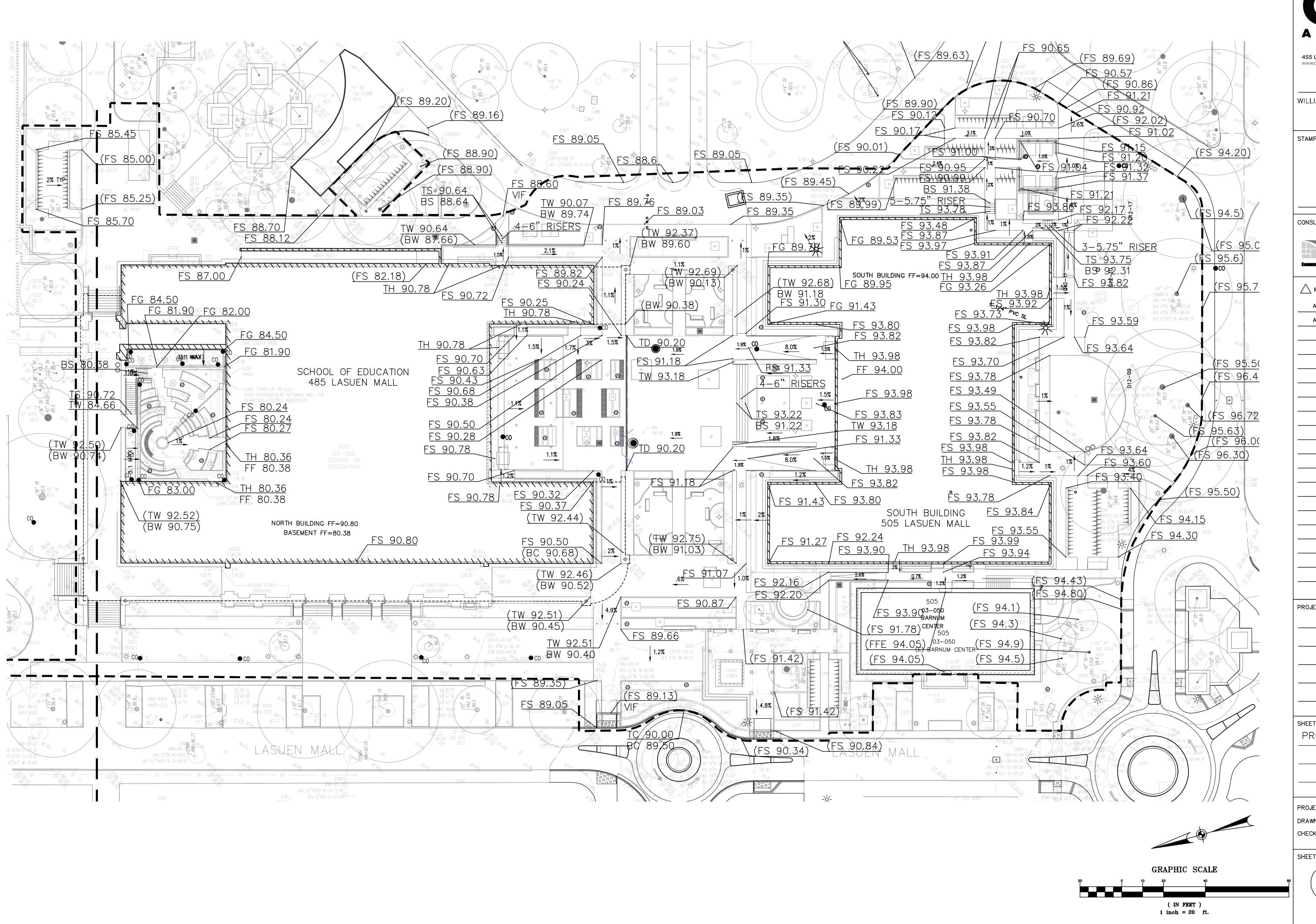




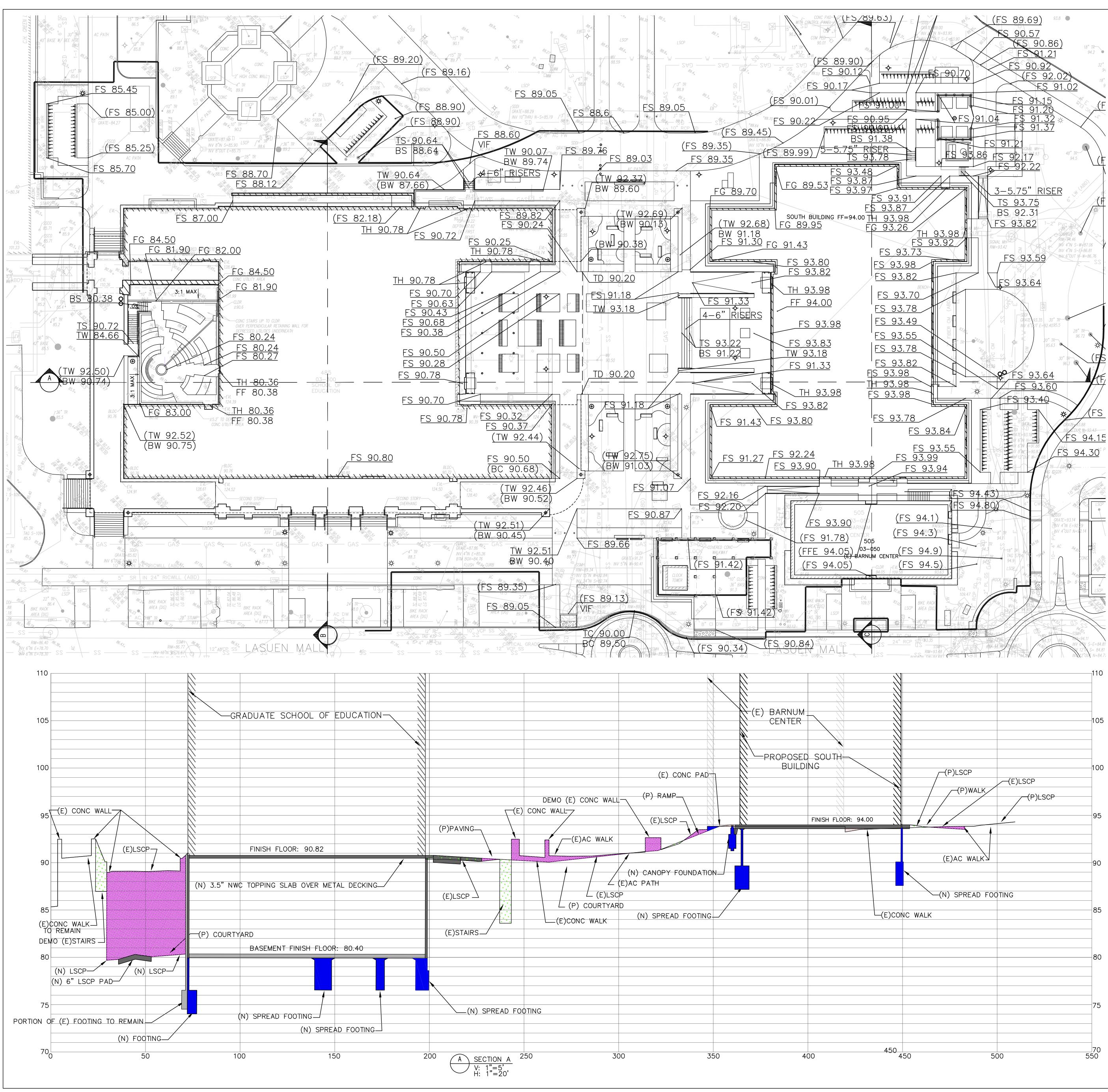
4" C. 4" C. 100 100 100 100 100 100 100 10	
CONNECT TO SUMP- PUMP SEE PLUMBIN PLANS FOR DETAILS	
2 I SS 4"PP PP 4"PP 4"PP 0 4"BP S=.005 CO 4"BP S=.005 CO 0 4"BP S=.005 CO 1 0 0 0 0 0 0	
AD	
06 07 0AD 0.06 00 00 00 00 00 00 00 00 00 00 00 00 0	
50 IN INV 77.24 45 007 SDAD	
RIM 80.06 INV 76.60 (E -BLDC 90.76 VIF LOC 90.76 AND IN	
EVL 124.91 NEW FH - PVC	
20, 8 S RIP 24, 8 S RIP 20, 8 S RIP <i>RCP</i> SD L 588 RIP <i>BIKE RICK</i> 8 RIP <i>AREA (DG)</i> 8" AC, 9%" TR XW 28 ^A	
هرج هرج 86.8 هرج 86.8 (B"DW MAIN هرج 86.8 هرج 80.8 هرج 80.8 هرج 80.8 ۵.8 هرج 80.8 ۵.8 <td></td>	
SS <u>INV 10"</u> IN \$\$76.67 INV 12"THRII N-S=76.57	
CONC *	
EVL-∫ E 106.63 115.2	
	GRAPHIC SCALE

(IN FEET) 1 inch = 20 ft.

CA	
ARCHI	тестѕ
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CONSULTANTS	
ENGINEERS / SURVEYORS / PLANMERS	4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700 925–396–7799 (FAX)
	DATE
ASA SUBMISSION	5/12/2020
PROJECT NAME STANFORD U	
GRADUATE	
OF EDU(
	ASUEN MALL
	CA 94305
SHEET TITLE PROPOSED U	TILITY PLAN
PROJECT NO. <u>14029</u> DRAWN BY SR, CM	
CHECKED BY JL	
SHEET	\frown
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BRF	670 WILLOW RD UITE 250 LEASANTON, CA 94588 25–396–7700 25–396–7799 (FAX)
	DATE
ASA SUBMISSION	5/12/2020
ASA SUBMISSION	12/07/2020
PROJECT NAME	
STANFORD_UN	VERSITY
GRADUATE S	SCHOOL
OF EDUCA	TION
<u>485 & 505 LA</u>	SUEN MALL
STANFORD, C	
SHEET TITLE PROPOSED GRA	DING PLAN
PROJECT NO. 14029	
DRAWN BY <u>SR, CM</u>	
CHECKED BY JL	
SHEET	
\bigcap	$\bigcap 1$



BUILDING EARTHWORK SUMMARY

CUT	39 CY
FILL	455 CY
NET FILL	416 CY

SITE EARTHWORK SUMMARY

CUT	834 CY
FILL	276 CY
NET CUT	558 CY

TOTAL EARTHWORK SUMMARY

CUT	873 CY
FILL	731 CY
NET CUT	142 CY

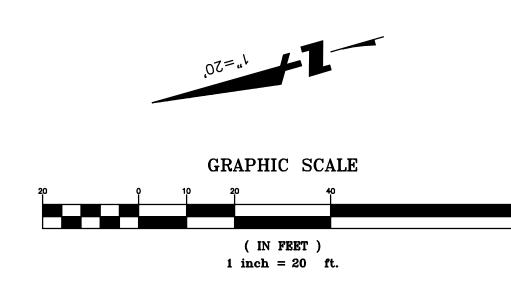
*FILL DOES NOT INCLUDE SHRINKAGE OR COMPACTION

<u>LEGEND</u>

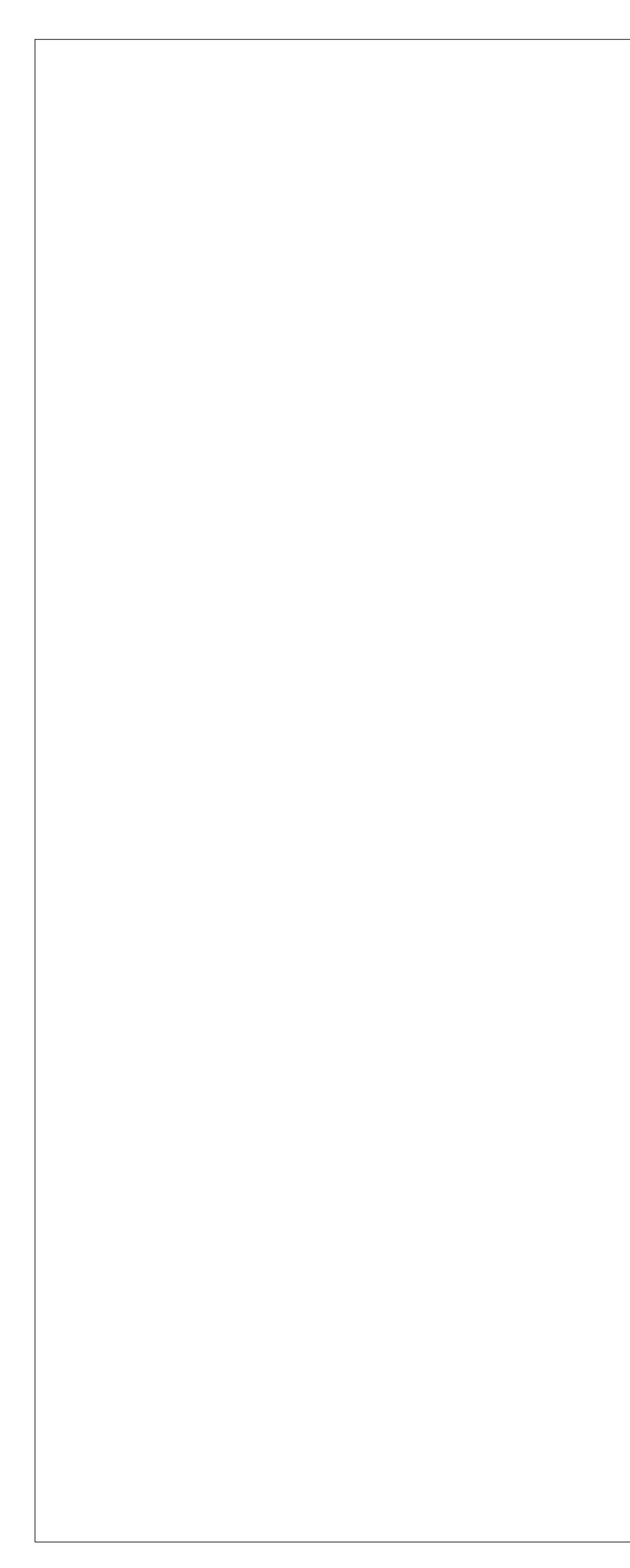
PROPOSED BUILDING AREA TO BE CUT
PROPOSED SITE AREA TO BE CUT
PROPOSED BUILDING AREA TO BE FILLED
PROPOSED SITE AREA TO BE FILLED

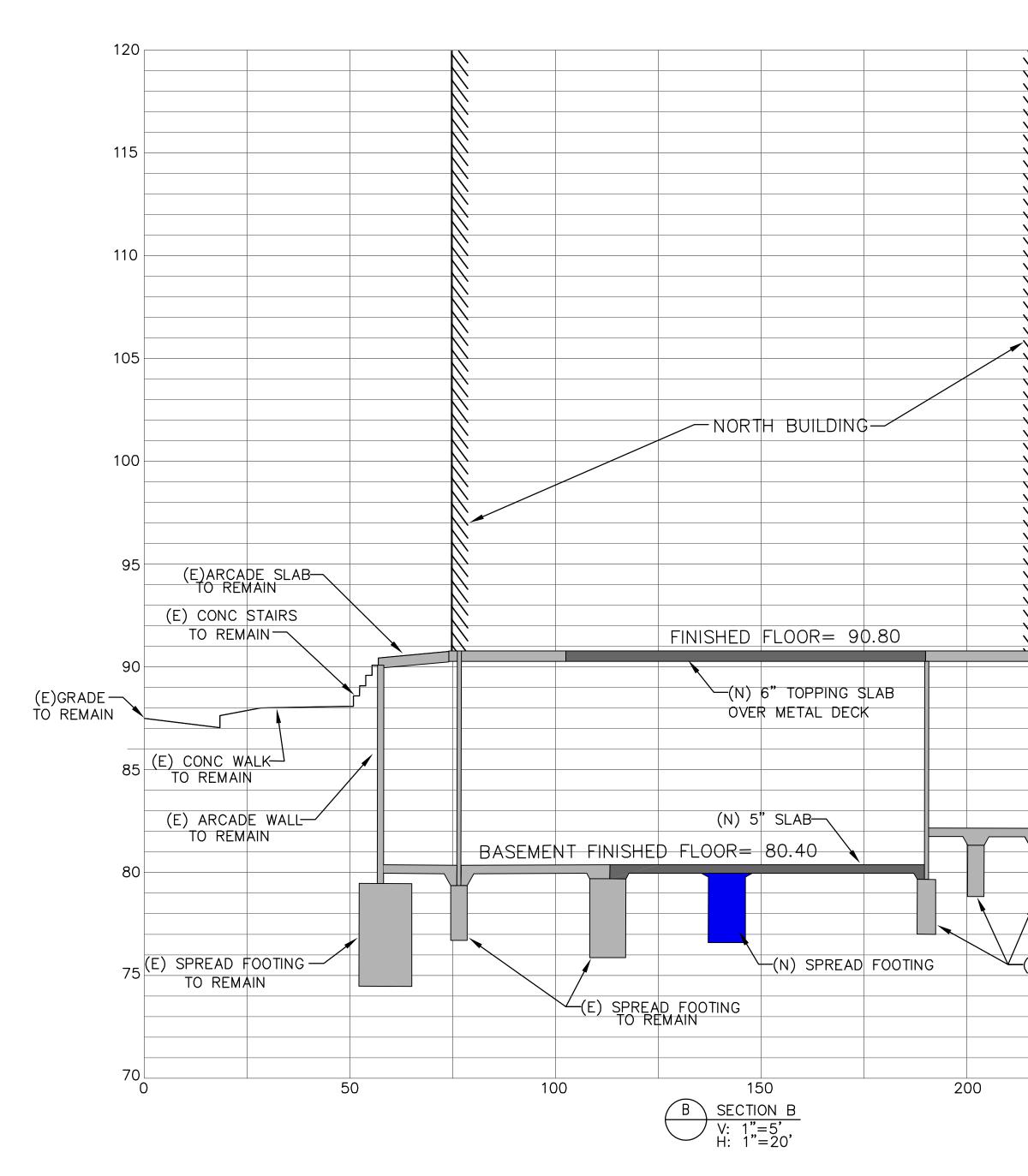
NOTES:

- 1. SEE LANDSCAPE PLANS FOR DETAILS REGARDING TREE/LANDSCAPING PLANTING, AND ALL OTHER SITE FEATURES.
- 2. CONTRACTOR SHALL NOT STAGE, STORE, OR STOCKPILE ANY MATERIAL OR EQUIPMENT WITHIN THE PUBLIC ROAD RIGHT-OF-WAY. CONSTRUCTION PHASING SHALL BE COORDINATED TO KEEP MATERIALS AND EQUIPMENT ONSITE OR WITHIN PRIVATE PROPERTY.
- 3. CONTRACTOR SHALL PERFORM THEIR OWN EARTHWORK QUANTITY TAKEOFF/CALCULATIONS.
- 4. CUT AND FILL DOES NOT INCLUDE EXISTING OR PROPOSED FOOTING FOR BUILDING.
- 5. BACKFILL OF EXISTING BUILDING AND BASEMENT TO BE COVERED UNDER BUILDING AND DEMO PERMIT.



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4670 WILLOW RD
4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700
ENGINEERS / SURVEYORS / PLANNERS 925-396-7799 (FAX)
100% SCHEMATIC DESIGN 05.29.2019
50% DESIGN DEVELOPMENT 11.22.2019
100% DESIGN DEVELOPMENT 02.21.2020
50% CONSTRUCTION DOCUMENTS 06.05.2020
90% CONSTRUCTION DOCUMENTS 09.30.2020
100% CONSTRUCTION DOCUMENTS 11.24.2020
PROJECT NAME
SOUTH BUILDING
SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL
SOUTH BUILDING
SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION
SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 505 LASUEN MALL
SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION
SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 505 LASUEN MALL
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SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 505 LASUEN MALL STANFORD, CA, 94305 SHEET TITLE APPROVAL STAMP SECTIONS PROJECT NO. <u>17013</u>
SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 505 LASUEN MALL STANFORD, CA, 94305 SHEET TITLE APPROVAL STAMP SECTIONS PROJECT NO. 17013 DRAWN BY CM
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SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 505 LASUEN MALL STANFORD, CA, 94305 SHEET TITLE APPROVAL STAMP SECTIONS PROJECT NO. 17013 DRAWN BY CM CHECKED BY SR





<u>LEGEND</u>

<u>NOTES:</u>

PROPOSED BUILDING AREA TO BE CUT
PROPOSED SITE AREA TO BE CUT
PROPOSED BUILDING AREA TO BE FILLED
PROPOSED SITE AREA TO BE FILLED

1. SEE LANDSCAPE PLANS FOR DETAILS

AND ALL OTHER SITE FEATURES.

WITHIN PRIVATE PROPERTY.

TAKEOFF/CALCULATIONS.

2. CONTRACTOR SHALL NOT STAGE, STORE, OR STOCKPILE ANY MATERIAL OR EQUIPMENT WITHIN THE PUBLIC ROAD

REGARDING TREE/LANDSCAPING PLANTING,

RIGHT-OF-WAY. CONSTRUCTION PHASING

SHALL BE COORDINATED TO KEEP MATERIALS AND EQUIPMENT ONSITE OR

3. CONTRACTOR SHALL PERFORM THEIR OWN EARTHWORK QUANTITY

4. CUT AND FILL DOES NOT INCLUDE EXISTING OR PROPOSED FOOTING FOR BUILDING.

5. BACKFILL OF EXISTING BUILDING AND BASEMENT TO BE COVERED UNDER

BUILDING AND DEMO PERMIT.

BUILDING EARTHWORK SUMMARY

CUT	39 CY
FILL	455 CY
NET FILL	416 CY

<u>SITE EARTHWORK SUMMARY</u>

CUT	834 CY
FILL	276 CY
NET CUT	558 CY

TOTAL EARTHWORK SUMMARY

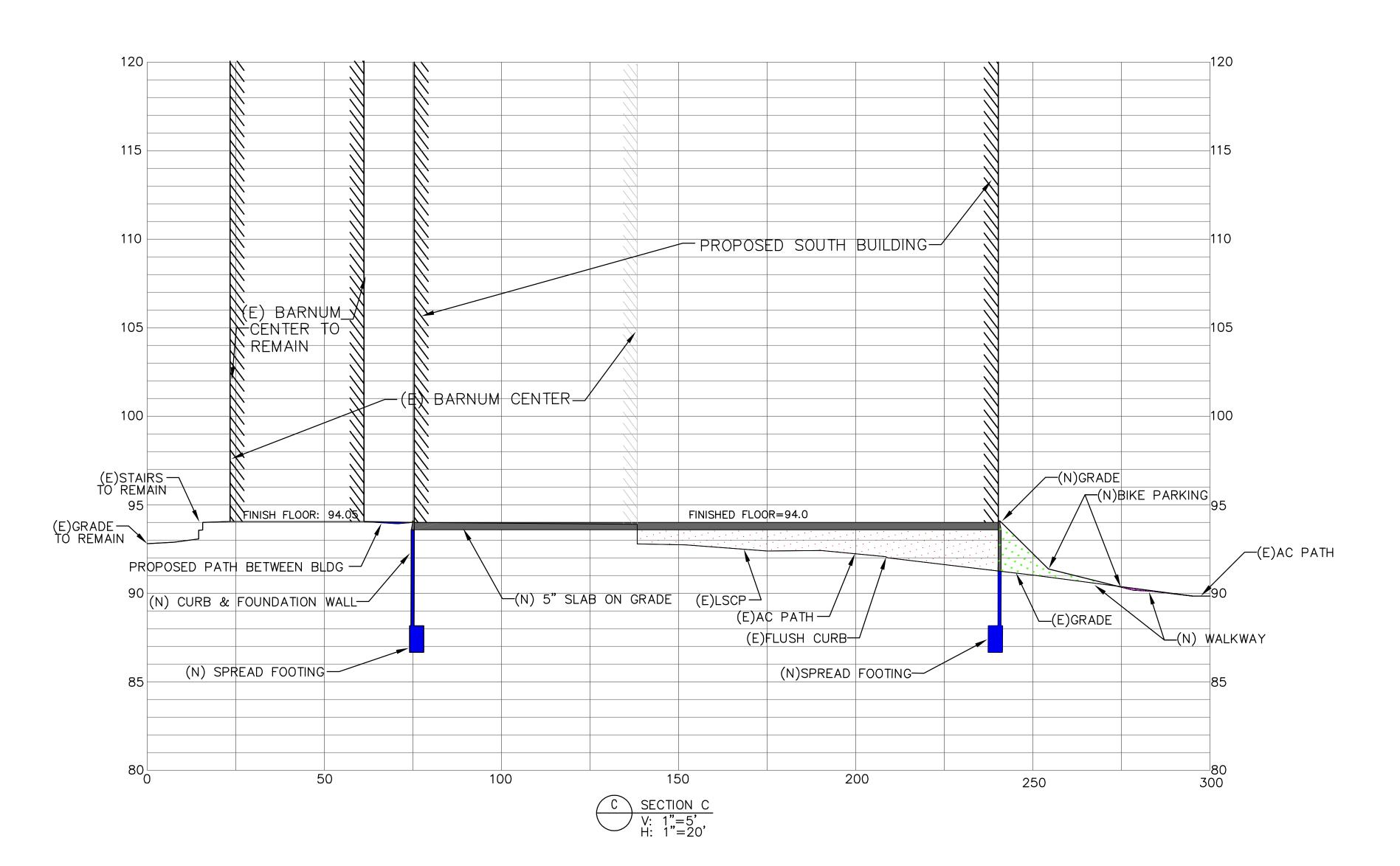
CUT	873 CY
FILL	731 CY
NET CUT	142 CY
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*FILL DOES NOT INCLUDE SHRINKAGE OR COMPACTION

_120 —115 110 105 -100 -95 (E)CONC WALK TO REMAIN) (E)LSCP TO REMAIN (E)CONC WALL -85 (E)RAMP TO REMAIN -80 -(E) SPREAD FOOTING TO REMAIN 75 ____70 250

20

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ENGINEERS / SURVEYORS / PLANNERS
MILESTONE DATE
50% DESIGN DEVELOPMENT 11.22.2019
100% DESIGN DEVELOPMENT 02.21.2020
50% CONSTRUCTION DOCUMENTS 06.05.2020
90% CONSTRUCTION DOCUMENTS 09.30.2020 100% CONSTRUCTION DOCUMENTS 11.24.2020
PROJECT NAME
SOUTH BUILDING
STANFORD UNIVERSITY
GRADUATE SCHOOL
505 LASUEN MALL STANFORD, CA, 94305
SHEET TITLE
APPROVAL STAMP
SECTIONS
PROJECT NO 17013
PROJECT NO. <u>17013</u> DRAWN BY <u>CM</u>
DRAWN BY CM
DRAWN BY <u>CM</u> CHECKED BY <u>SR</u>
DRAWN BY <u>CM</u> CHECKED BY <u>SR</u>
DRAWN BY CM CHECKED BY SR



BUILDING EARTHWORK SUMMARY

CUT 39 CY

NET FILL 416 CY

455 CY

<u>LEGEND</u>

PROPOSED SITE AREA TO BE CUT PROPOSED BUILDING AREA TO BE FILLED

PROPOSED SITE AREA TO BE FILLED

PROPOSED BUILDING AREA TO BE CUT

NOTES: 1. SEE LANDSCAPE PLANS FOR DETAILS REGARDING TREE/LANDSCAPING PLANTING, AND ALL OTHER SITE FEATURES.

- 2. CONTRACTOR SHALL NOT STAGE, STORE, OR STOCKPILE ANY MATERIAL OR EQUIPMENT WITHIN THE PUBLIC ROAD RIGHT-OF-WAY. CONSTRUCTION PHASING SHALL BE COORDINATED TO KEEP MATERIALS AND EQUIPMENT ONSITE OR WITHIN PRIVATE PROPERTY.
- 3. CONTRACTOR SHALL PERFORM THEIR OWN EARTHWORK QUANTITY TAKEOFF/CALCULATIONS.
- 4. CUT AND FILL DOES NOT INCLUDE EXISTING OR PROPOSED FOOTING FOR BUILDING.
- 5. BACKFILL OF EXISTING BUILDING AND BASEMENT TO BE COVERED UNDER BUILDING AND DEMO PERMIT.

<u>SITE EARTHWORK SUMMARY</u>

FILL

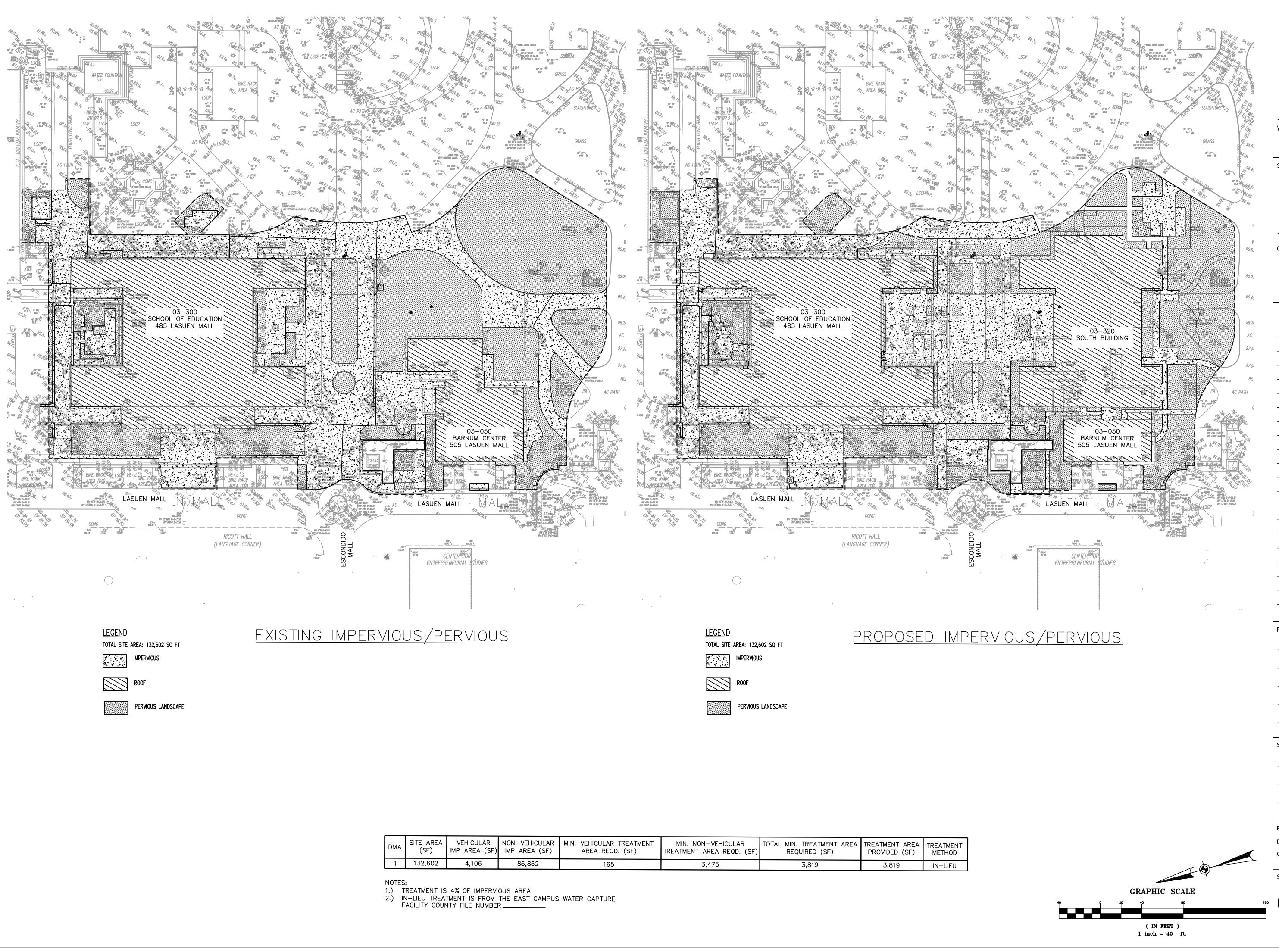
CUT	834 CY
FILL	276 CY
NET CUT	558 CY

TOTAL EARTHWORK SUMMARY

CUT	873 CY
FILL	731 CY
NET CUT	142 CY

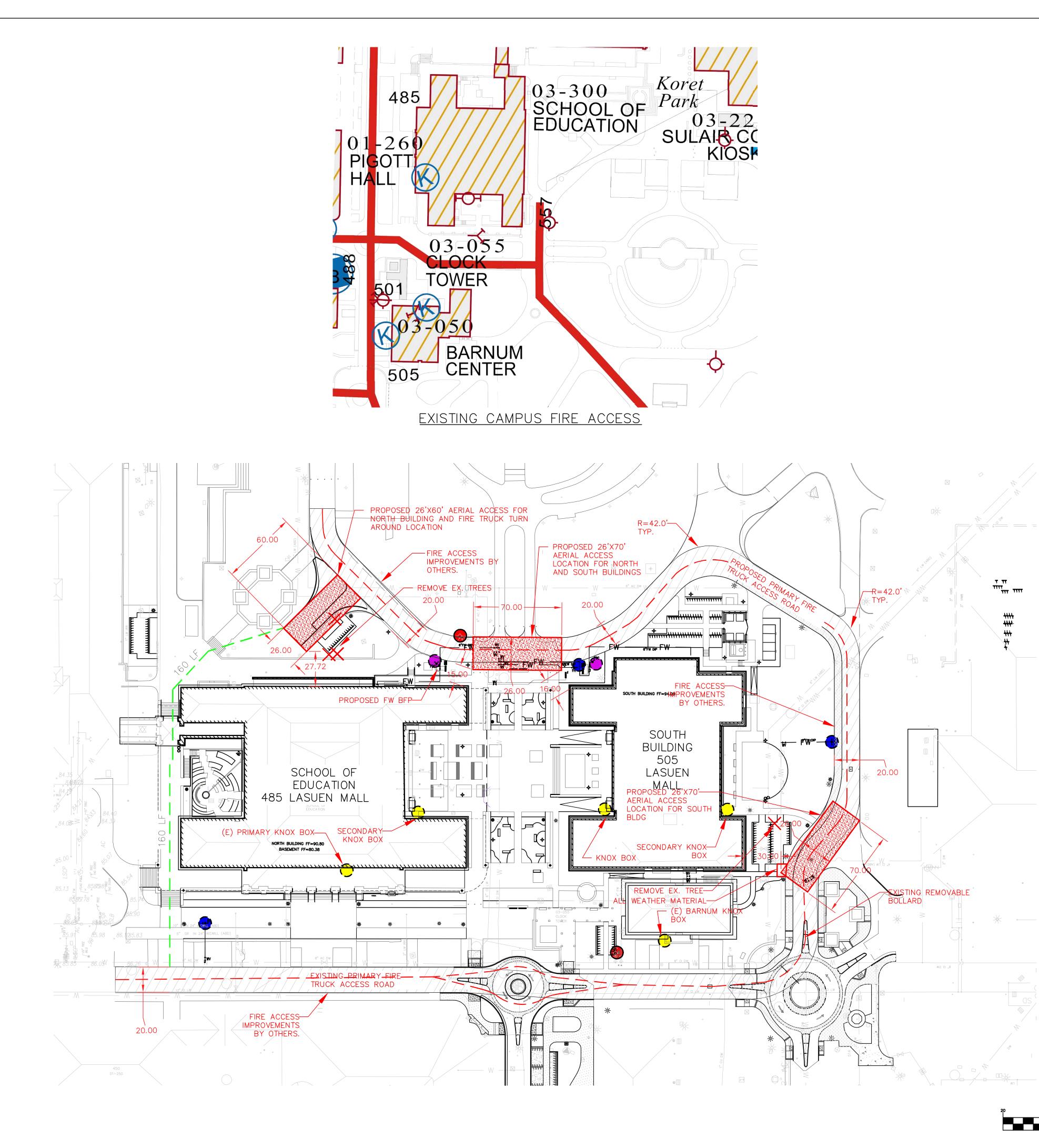
*FILL DOES NOT INCLUDE SHRINKAGE OR COMPACTION

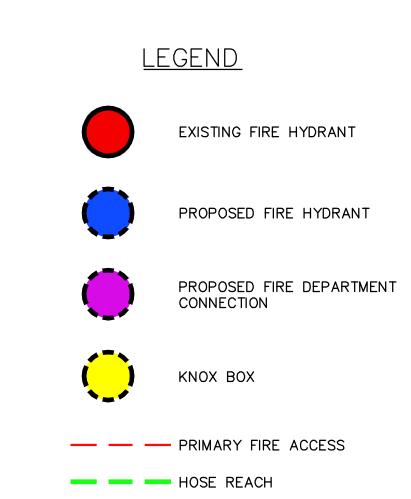
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ASS LAMBERT AVENUE PALO ALTO, CA 94306 WWWCAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888 COMBRET ADD PT CAMADEMETERS INC. 10 Post Office Sq. SUITE 1010 Boston, MA 02109 STAMP CONSULTANTS AF70 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7799 (FAX)
ID Post Office Sq. Suite 1010 Boston, MA 02109 STAMP CONSULTANTS CONSULTANTS CONSULTANTS 4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7709 (FAX) MILESTONE DATE
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SUITE 250 PLEASANTON, CA 94588 925-396-7700 925-396-7799 (FAX)
100% SCHEMATIC DESIGN 05.29.2019 50% DESIGN DEVELOPMENT 11.22.2019 100% DESIGN DEVELOPMENT 02.21.2020 50% CONSTRUCTION DOCUMENTS 06.05.2020 90% CONSTRUCTION DOCUMENTS 09.30.2020 100% CONSTRUCTION DOCUMENTS 11.24.2020
PROJECT NAME SOUTH BUILDING STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 505 LASUEN MALL STANFORD, CA, 94305
SHEET TITLE
APPROVAL STAMP
SECTIONS
PROJECT NO. <u>17013</u> DRAWN BY <u>CM</u> CHECKED BY <u>SR</u> SHEET <u>5</u> , <u>5</u> ,

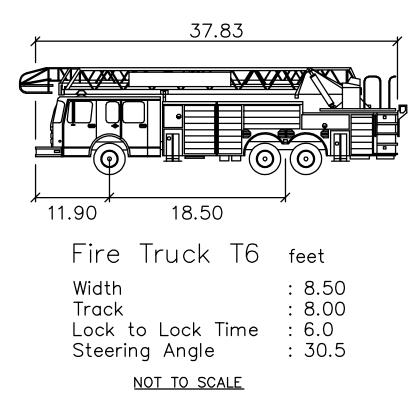


	NON-VEHICULAR	MIN. VEHICULAR TREATMENT	MIN. NON-VEHICULAR	TOTAL MIN. TREATMENT AREA	TREATMENT AREA	TREATMENT
	IMP AREA (SF)	AREA REQD. (SF)	TREATMENT AREA REQD. (SF)	REQUIRED (SF)	PROVIDED (SF)	METHOD
,106	86,862	165	3,475	3,819	3,819	IN-LIEU

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STAMP		
CONSULTANTS		
EXAMPLESS SURVEYORS PLANNESS 4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700 925–396–7799 (FAX)		
ASA SUBMISSION 5/12/2020		
ASA SUBMISSION 12/07/2020		
PROJECT NAME		
STANFORD UNIVERSITY		
<u>GRADUATE SCHOOL</u> OF EDUCATION		
<u>485 & 505 LASUEN MALL</u>		
STANFORD, CA 94305		
SHEET TITLE STORMWATER		
MANAGEMENT PLAN		
PROJECT NO. 14029 DRAWN BY SR, CM		
CHECKED BY JL		
SHEET		
C6.00		







<u>NOTES:</u>

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.

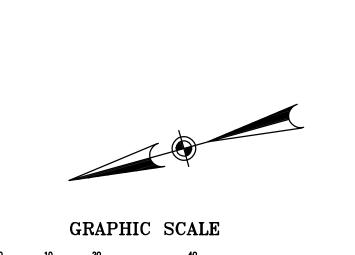
REQUESTING USE OF EXCEPTION #1 PER FIRE CODE SECTION 503.1.1 FOR APPROVED INCREASED HOSE REACH PER DRAWING DUE TO INCREASED SPRINKLER DESIGN.

"Exceptions:

0

1. The fire code official is authorized to increase the

menre code official is authorized to increase the dimension of 150 feet (45 720 mm) where any of 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."



(IN FEET)

1 inch = 20 ft.

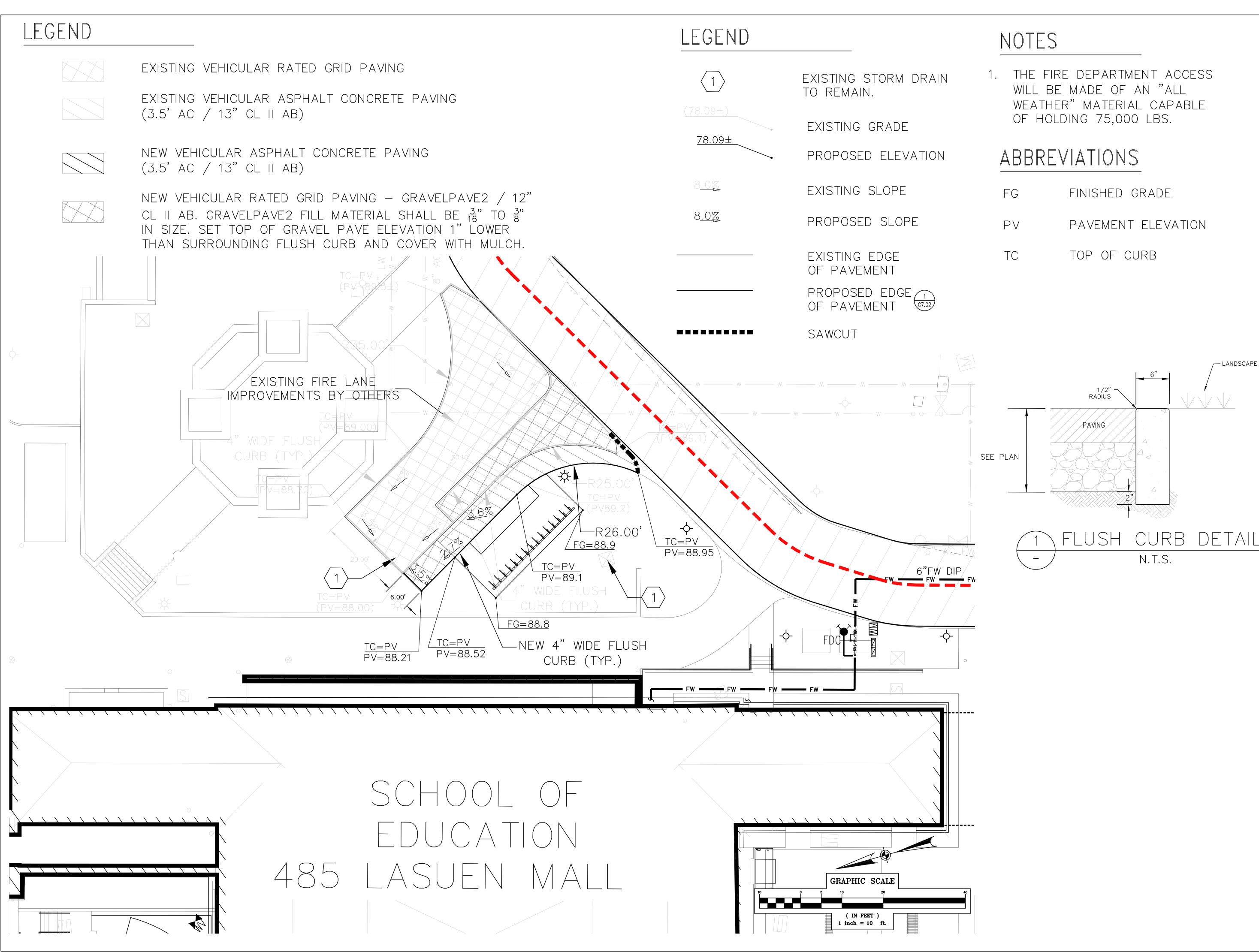
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	Boston, MA 02109
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CONSULTANTS	
BRF 92	70 WILLOW RD JITE 250 EASANTON, CA 94588 25-396-7700 25-396-7799 (FAX)
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<u>GRADUATE S</u> OF EDUCA	
485 & 505 LAS	SUEN MALL
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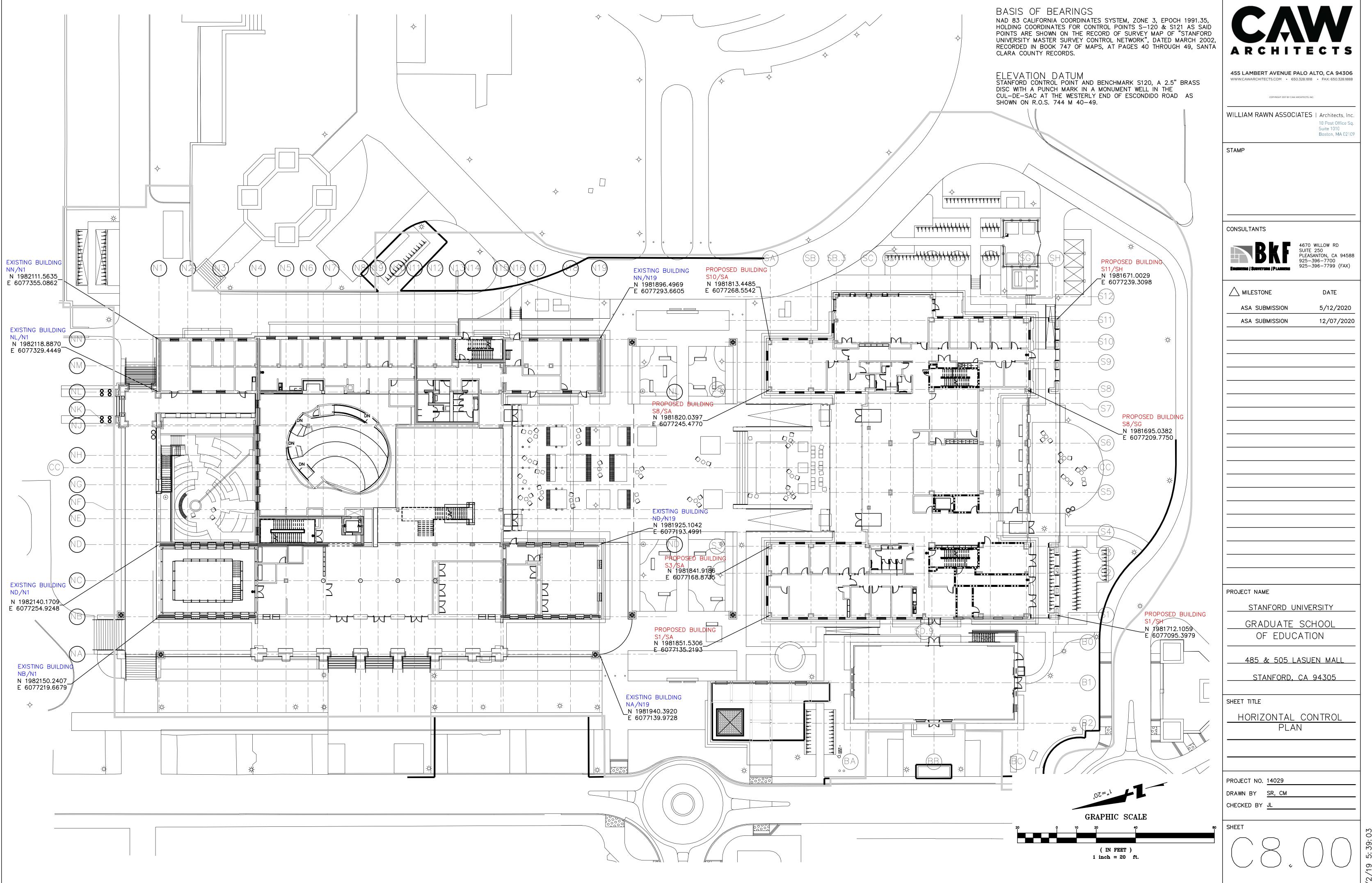


		CAV
	D. J. M.	ARCHITECTS
FIRE LEGEND:	Partition Partition	455 LAMBERT AVENUE PALO ALTO, CA 94306 WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888
Fire Access Routes (Updated 06-13-2019) Primary Access		COPYRIGHT 2017 BY CAW ARCHITECTS, INC. WILLIAM RAWN ASSOCIATES Architects, Inc.
Secondary Access Turf / Turf Block Access		10 Post Office Sq. Suite 1010 Boston, MA 02109
Sprinklers (Updated 08-01-2017) Buildings with Sprinkler System		STAMP
Buildings with Partial Sprinkler System		* C 77988
Buildings with No Sprinklers Outdoor Structures Updated 02-12-15)	S S	
<pre>✓ Gate</pre> ✓ Knox Box		CONSULTANTS
Water System (Updated 01-23-2019)		EXAMPLEAS / SURVEYORS / PLANNERS EXAMPLEAS / SURVEYORS / PLANNERS PLANNERS
 Lake Hydrant Blue Emergency Towers 	X	
 Post Indicator Valve Fire Department Connection 		ASA SUBMISSION 5/12/2020 ASA SUBMISSION 12/07/2020
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	CAMPI	PROJECT NAMESTANFORD_UNIVERSITY
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		485 & 505 LASUEN MALL
		STANFORD, CA 94305
		SHEET TITLE PROPOSED SITE DESIGN
	ased on the boolute the field verification sinsions.	PROJECT NO. <u>14029</u>
FOOTML MOON	ianowits tanowits formation. A formation. A or exact dime	DRAWN BY <u>SR, CM</u> CHECKED BY <u>JL</u>
	DATE: 06/13/2019 SCALE: 1 = 300' DRAWN BY: Jay Mar PPlease Note: Dest available in accuracy is not recommended fo	SHEET
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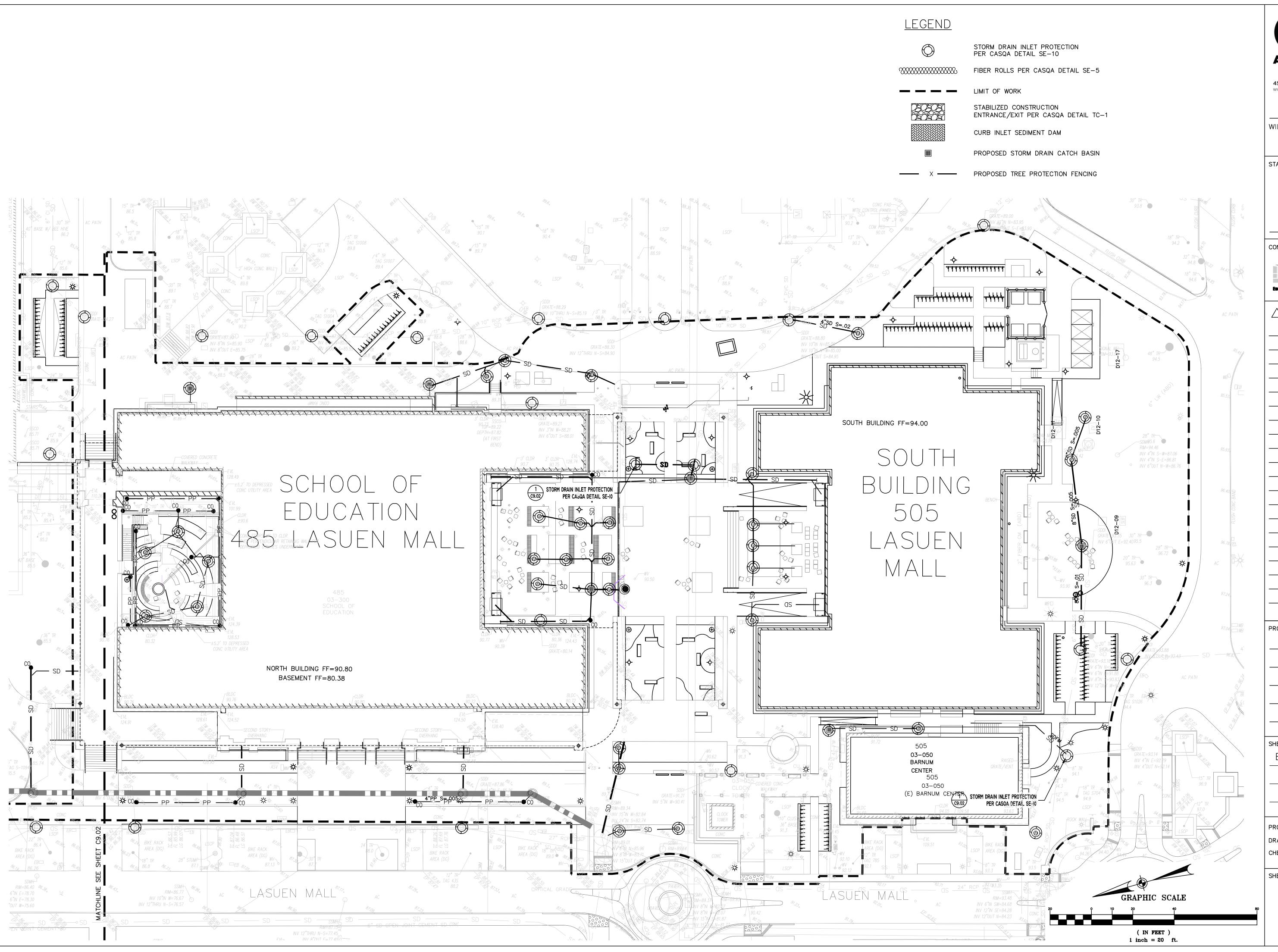
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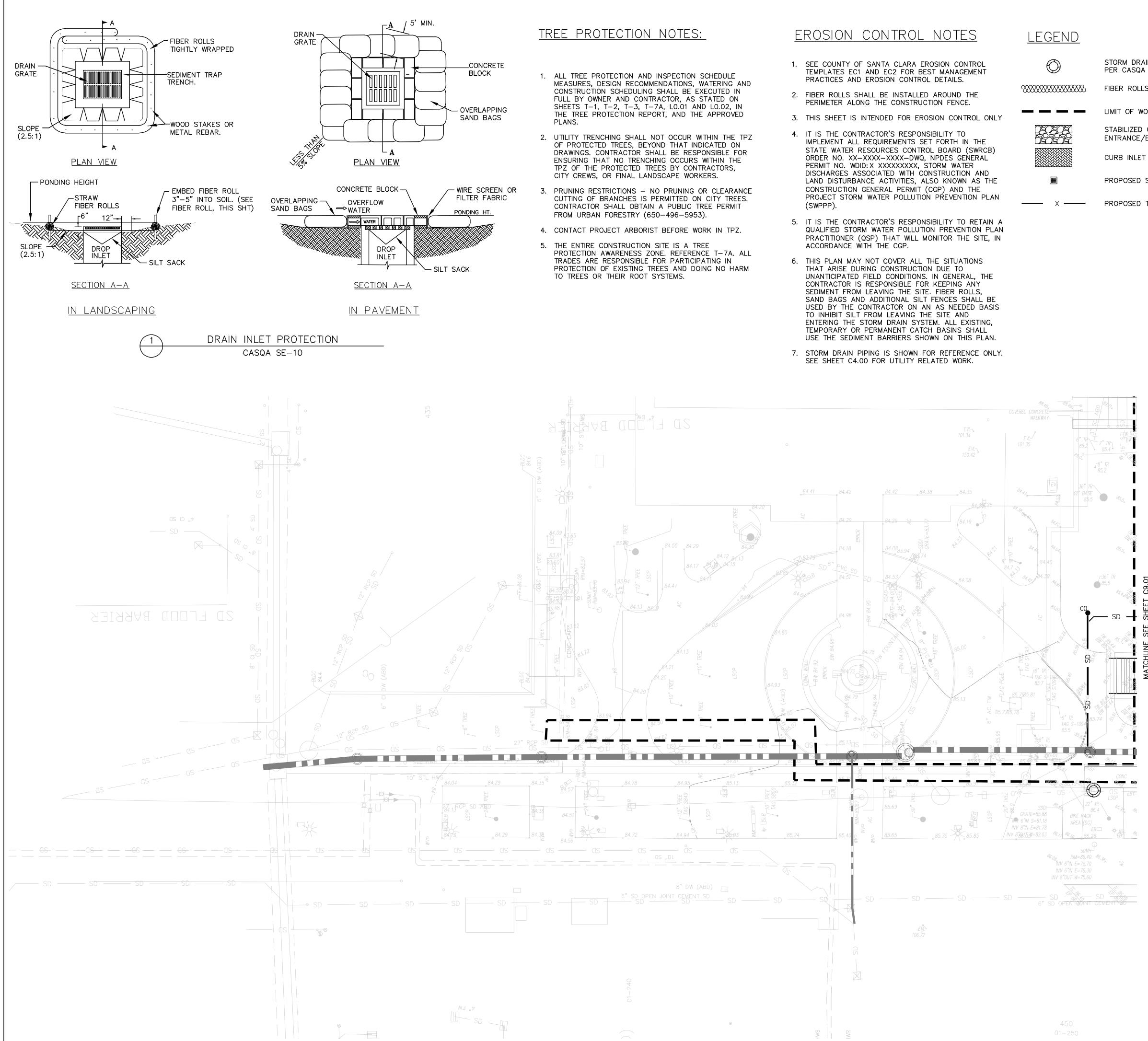
ARCHITECTS 455 LAMBERT AVENUE PALO ALTO, CA 94306 WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.18 COPYRIGHT 2017 BY CAW ARCHITECTS, IN WILLIAM RAWN ASSOCIATES | Architects, Ind 10 Post Office Sq. Suite 1010 Boston, MA 02109 STAMP CONSULTANTS 4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700 925-396-7799 (FA) DATE ASA SUBMISSION 5/12/2020 ASA SUBMISSION 12/07/2020 PROJECT NAME STANFORD UNIVERSITY GRADUATE SCHOOL OF EDUCATION 485 & 505 LASUEN MALL STANFORD, CA 94305 SHEET TITLE FIRE TRUCK TURNAROUND PROJECT NO. 14029 DRAWN BY SR, CM CHECKED BY JL SHEET



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<u>485 & 505 LASUEN MALL</u> <u>STANFORD, CA 94305</u>				
EROSION CONTROL PLAN				
PROJECT NO. <u>14029</u> DRAWN BY <u>SR, CM</u> CHECKED BY <u>JL</u>				
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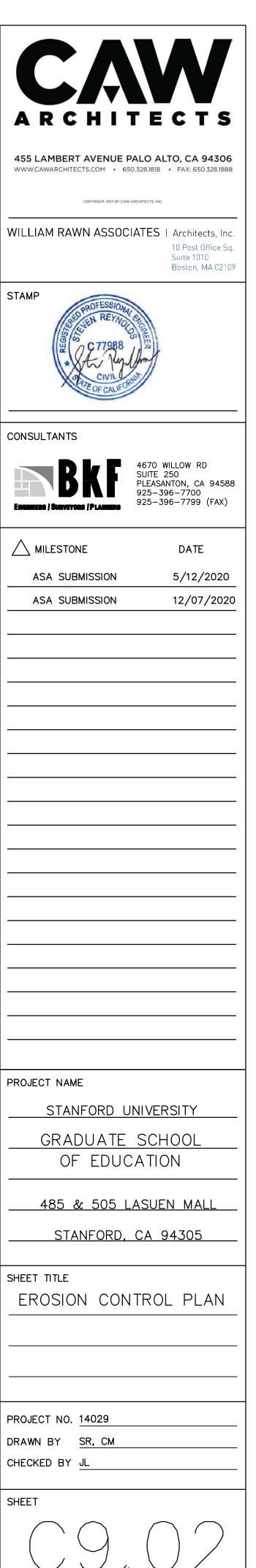
LIMIT OF WO STABILIZED ENTRANCE/E CURB INLET

PROPOSED

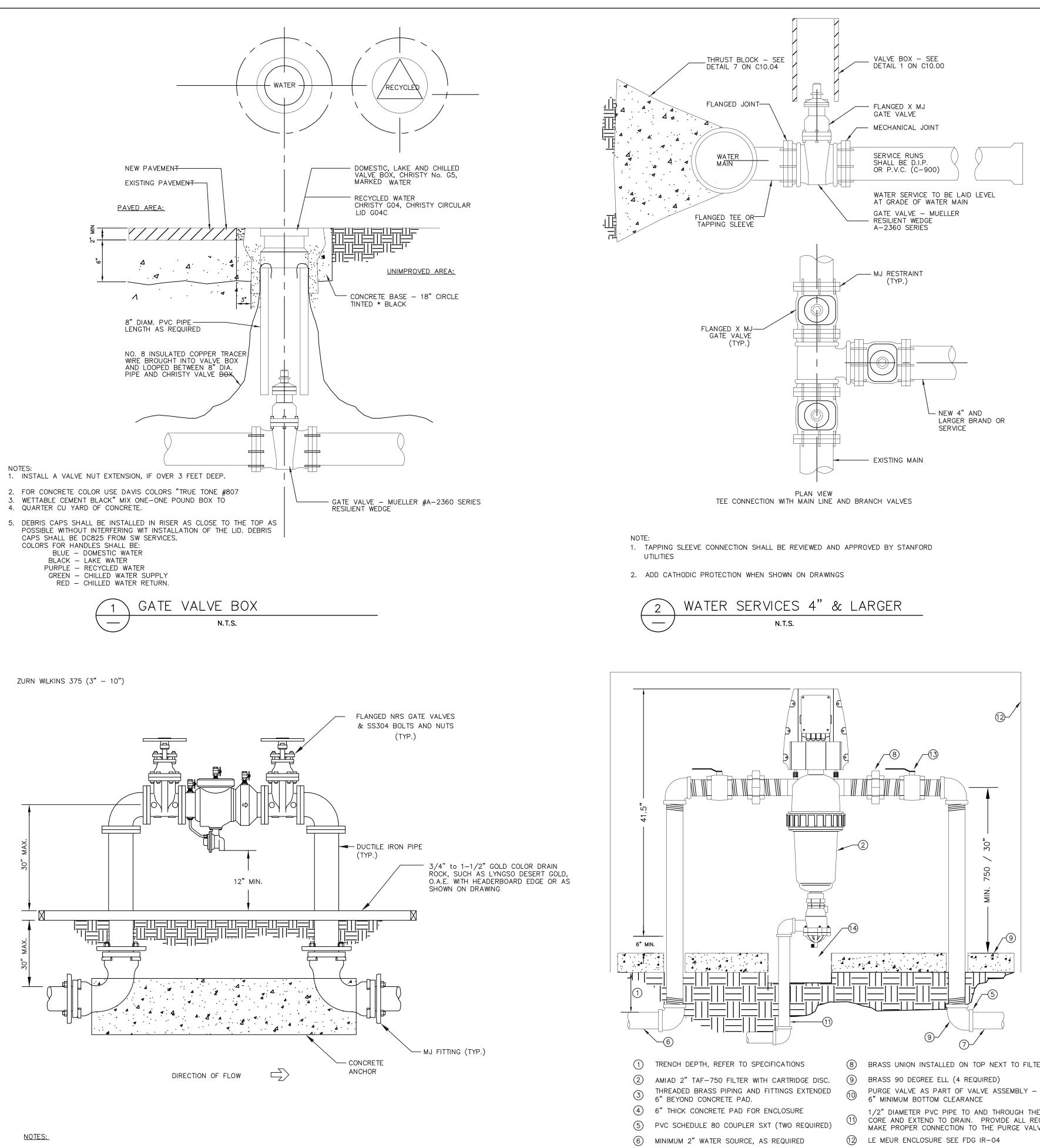
ABBREVIATIONS

	AB	AGGREGATE BASE	
AIN INLET PROTECTION	AC	ASPHALT CONCRETE	AR
AIN INLET PROTECTION A DETAIL SE-10	AD ALT	AREA DRAIN ALTERNATE	
LS PER CASQA DETAIL SE–5	BC	BOTTOM OF CURB	455 LAMB
	BFP BW	BACK FLOW PREVENTER BEGINNING OF WALL	www.cawarc
VORK	CO	CLEANOUT	
CONSTRUCTION	CONC	CONCRETE	
/EXIT PER CASQA DETAIL TC-1	CU CW	COPPER PIPE CHILLED WATER	
T SEDIMENT DAM	CWR	CHILLED WATER RETURN	
	CWS DI	CHILLED WATER SERVICE DRAIN INLET	STAMP
STORM DRAIN CATCH BASIN	DIP	DUCTILE IRON PIPE	
TREE PROTECTION FENCING	DW E	DOMESTIC WATER ELEVATION	
		END CURB RETURN	la
	EG	EXISTING GRADE	
	ELEC EP	ELECTRICAL EDGE OF PAVEMENT	
	EW	END OF WALL	CONSULTAN
	EX FDC	EXISTING FIRE DEPARTMENT CONNECTION	_
	FG	FINISHED GRADE	
	FH FS	FIRE HYDRANT FIRE SERVICE	Engineers / Sug
	FW	FIRE WATER	
	GES HWR	GREEN EARTH SCIENCE HOT WATER RETURN	
	HWS	HOT WATER SERVICE	ASA S
	INV IRR	INVERT IRRIGATION	ASA S
	KV	KILO – VOLT	A3A_3
	LG LW	LIP OF GUTTER LAKE WATER	
	МН	MANHOLE	
	MIN OC	MINIMUM ON CENTER	
	PC	POINT ON CURVE	
	PIV POC	POST INDICATOR VALVE POINT OF CONNECTION	
	PP	PERFORATED PIPE	
	PR PVC	PROPOSED POLYVINYL CHLORIDE	
	PVI	POINT OF VERTICAL INTERSECTION	
	PWR RW	POWER RECYCLED WATER	
	RCP	REINFORCED CONCRETE PIPE	
	S	STATION STORM DRAIN	
	SD SDFM	STORM DRAIN STORM DRAIN FORCE MAIN	
C9.01	SEQ	SCIENCE & ENGINEERING QUAD	
	SIG SS	SIGNAL SANITARY SEWER	
SHEE	SSR	SOUTH SERVICE ROAD	
SEE	SW TC	SEARSVILLE WATER TOP OF CURB. TELECOM	
	TEL	TELEPHONE	
MATCHLINE	TYP TW	TYPICAL TOP OF WALL	
Т Ч Ч Т Ч Ч Ч Т Ч Ч Ч Т Ч Ч Ч Т Ч Ч Ч Т Ч	VC	VERTICAL CURVE	
	W WM	WATER WATER METER	PROJECT N
	WV	WATER VALVE	ст ТО
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(IN FEET) 1 inch = 20 ft.



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1. INLET AND OUTLET PIPES MAY VARY IN ELEVATION BASED ON BUILDING ENTRANCE LOCATIONS AND ELEVATIONS. CONSTRUCT THRUST BLOCKS AS REQUIRED.

2. PAINT BACKFLOW CARBON BLACK: KELLY MOORE 1245-407

3. ADD CATHODIC PROTECTION WHEN SHOWN ON DRAWINGS.

4. RESTRAIN ALL MECHANICAL JOINT FITTINGS WITH MEGA-LUG RESTRAINTS 6. LOCATION TO BE SUBMITTED FOR APPROVAL TO UNIVERSITY ARCHITECT/CAMPUS PLANNING

DOMESTIC WATER BACKFLOW REDUCED PRESSURE ASSY

N.T.S.

- D 2" PVC F SYSTEM 2" PVC PRESSURE SUPPLY LINE THROUGHOUT
- (8) BRASS UNION INSTALLED ON TOP NEXT TO FILTER

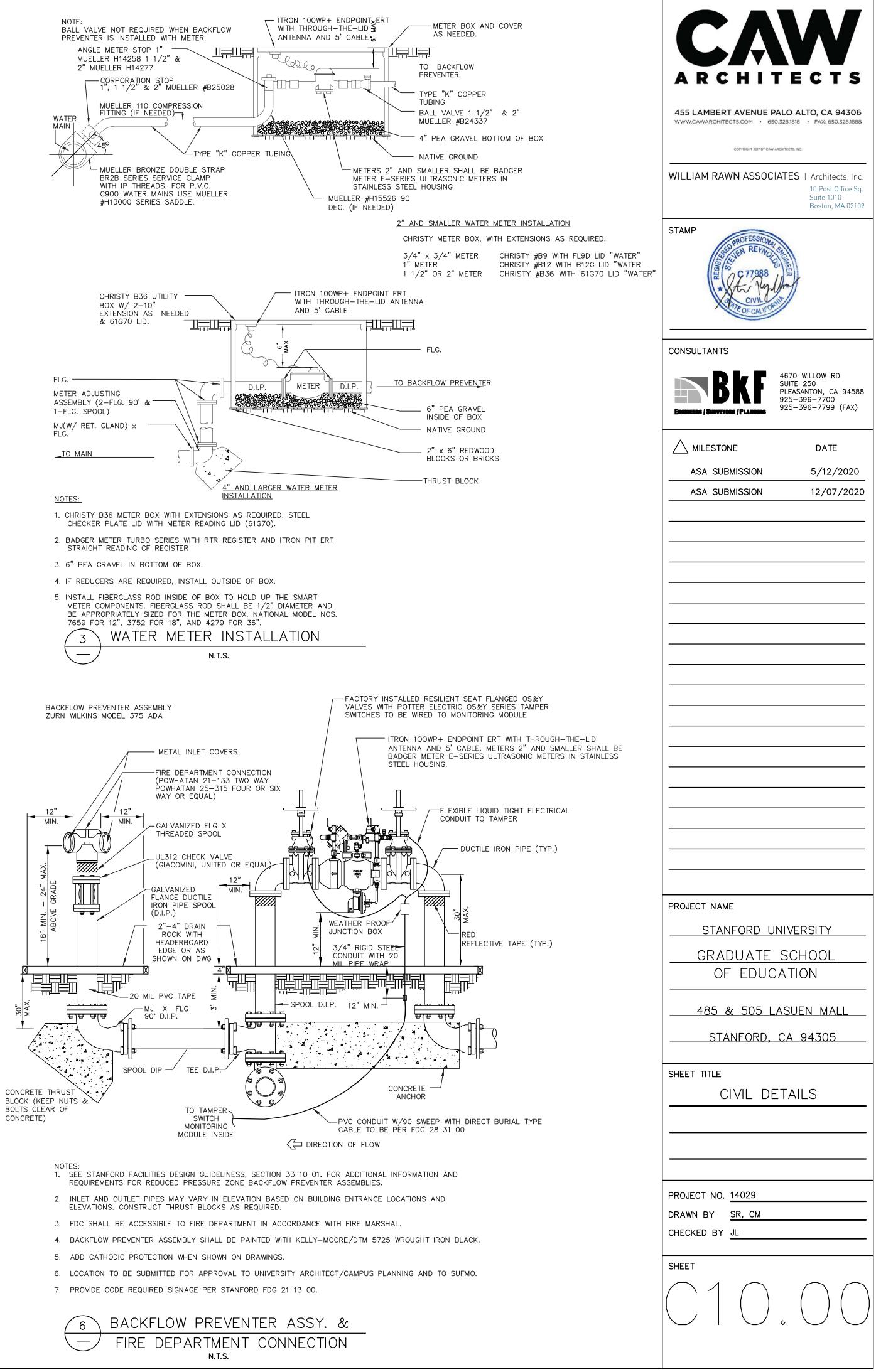
- 1/2" DIAMETER PVC PIPE TO AND THROUGH THE NEAREST CUBE,
 CORE AND EXTEND TO DRAIN. PROVIDE ALL REQUIRED FITTINGS TO MAKE PROPER CONNECTION TO THE PURGE VALVE.
- (13) BRASS ISOLATION BALL VALVE
- CENTER 10" ROUND VALVE BOX AT CONCRETE PAD HEIGHT FOR REMOVAL OF FILTER CARTRIDGE SERVICE

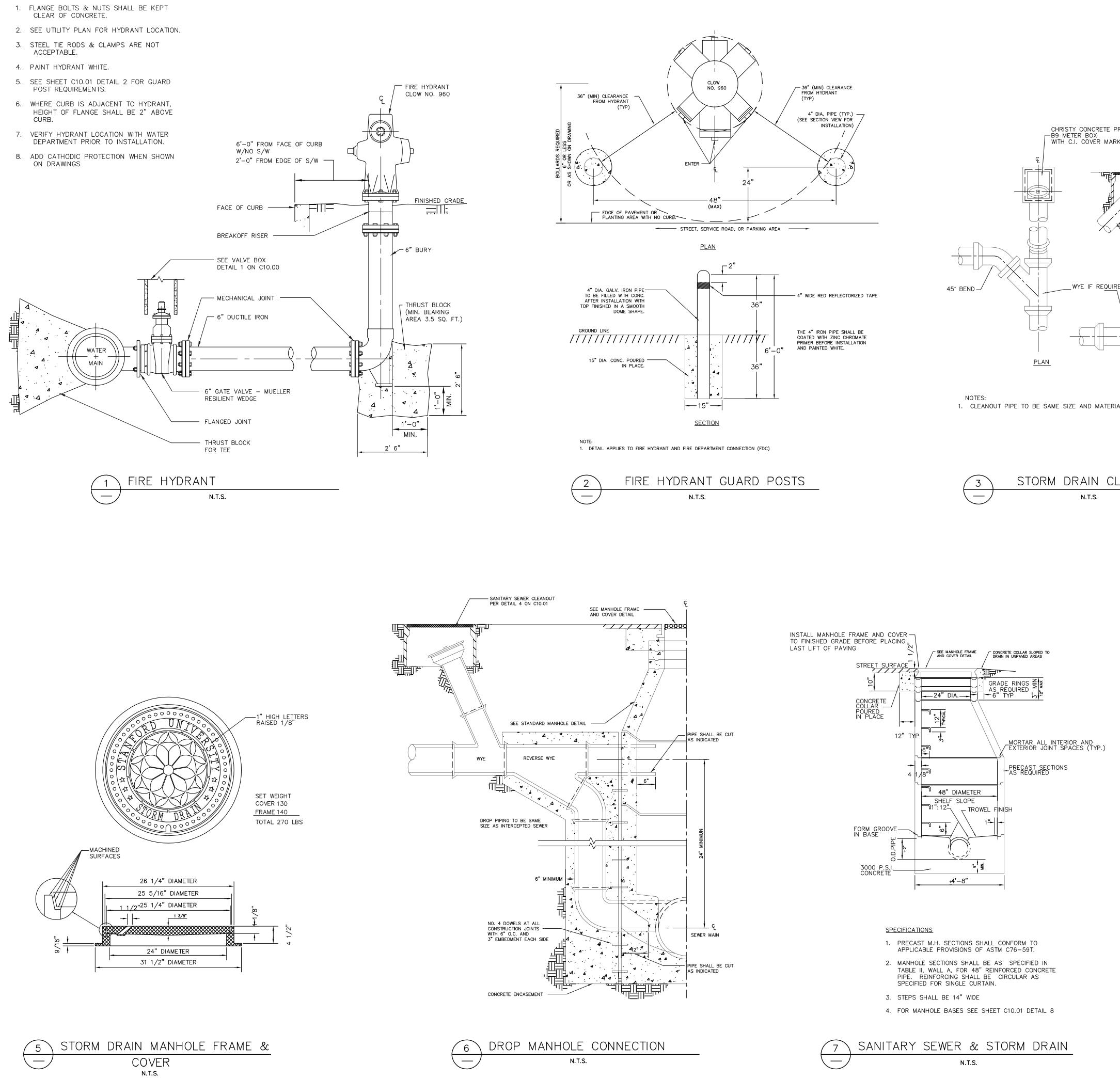
NOTE: PROVIDE A 110 VAC POWER SOURCE FOR THE AMIAD TAF-750 LAKE WATER FILTER CONTROLLER. 110 VAC POWER PROVIDED BY OTHERS. THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE POWER WIRES FROM THE SOURCE TO THE FILTER CONTROLLER AND MAKE THE FINAL HOOK-UP. ALL 100 VAC POWER WIRING SHALL BE INSTALLED PER CODE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

LAKE WATER FILTER INSTALLATION

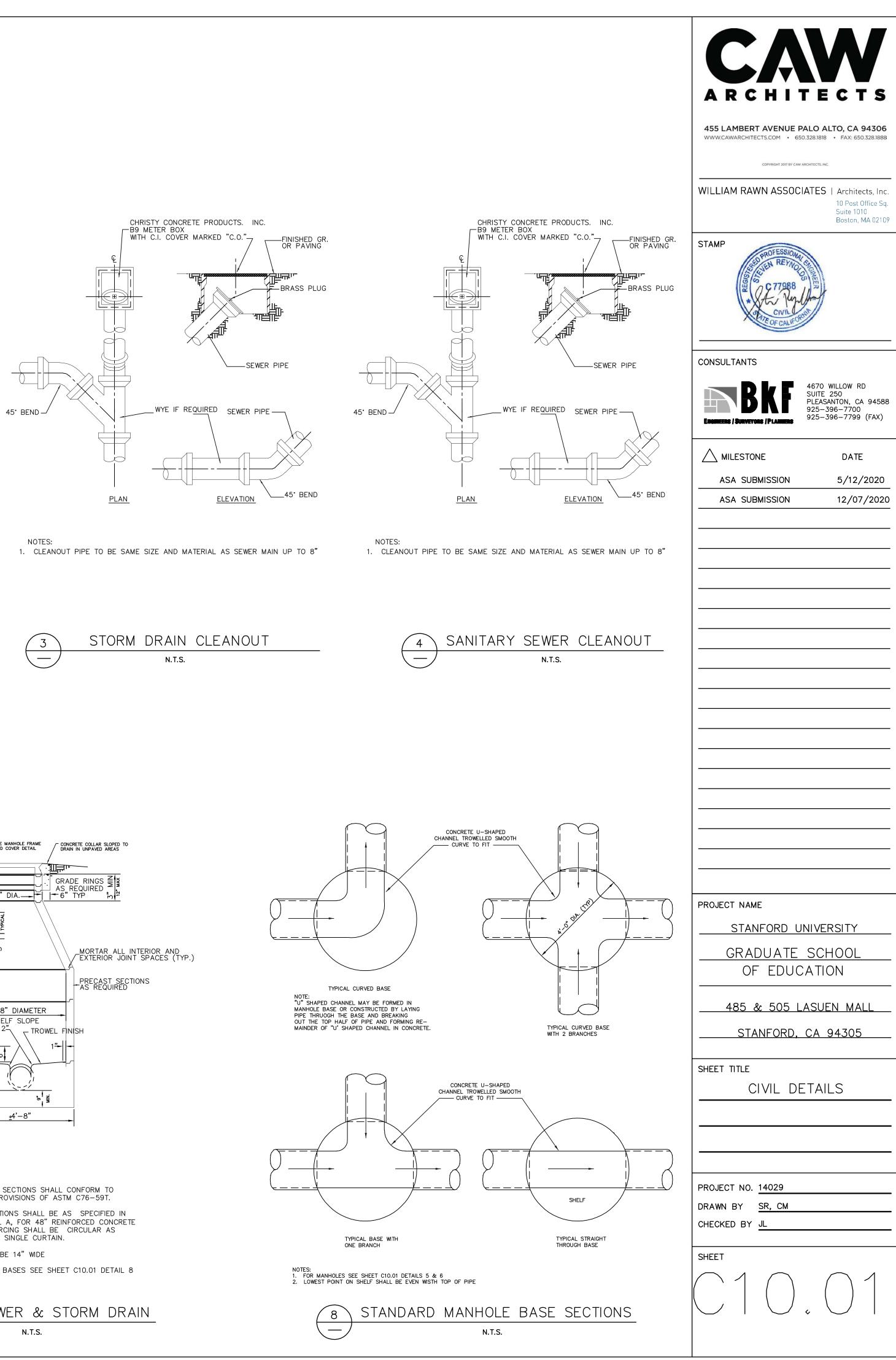
N.T.S.

NOTE BALL VALVE NOT REQUIRED WHEN BACKFLOW PREVENTER IS INSTALLED WITH METER. ANGLE METER STOP 1" MUELLER H14258 1 1/2" & 2" MUELLER H14277 CORPORATION STOP 1", 1 1/2" & 2" MUELLER #B25028 MUELLER 110 COMPRESSION FITTING (IF NEEDED) WATER MAIN I \geq \perp - MUELLER BRONZE DOUBLE STRAP BR2B SERIES SERVICE CLAMP WITH IP THREADS. FOR P.V.C. C900 WATER MAINS USE MUELLER #H13000 SERIES SADDLE. CHRISTY B36 UTILITY ----BOX W/ 2-10" EXTENSION AS NEEDED & 61G70 LID. FLG. — METER ADJUSTING ASSEMBLY (2-FLG. 90' & -1-FLG. SPOOL) MJ(W/ RET. GLAND) x FLG TO MAIN NOTES: STRAIGHT READING CF REGISTER 3. 6" PEA GRAVEL IN BOTTOM OF BOX. N.T.S.





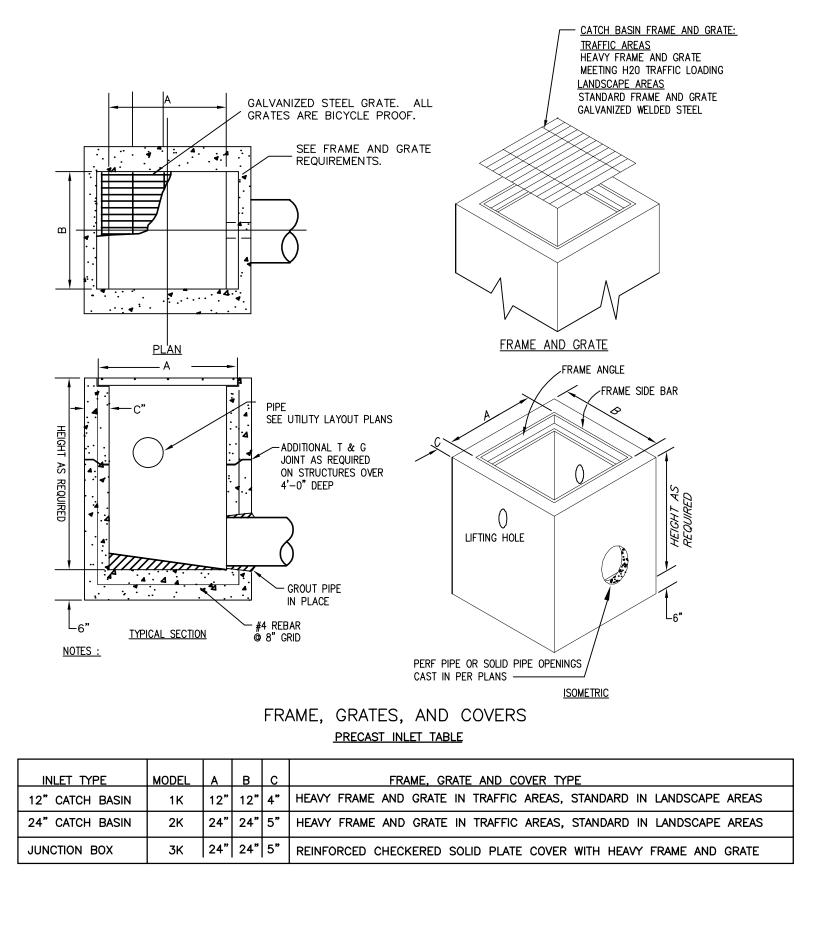
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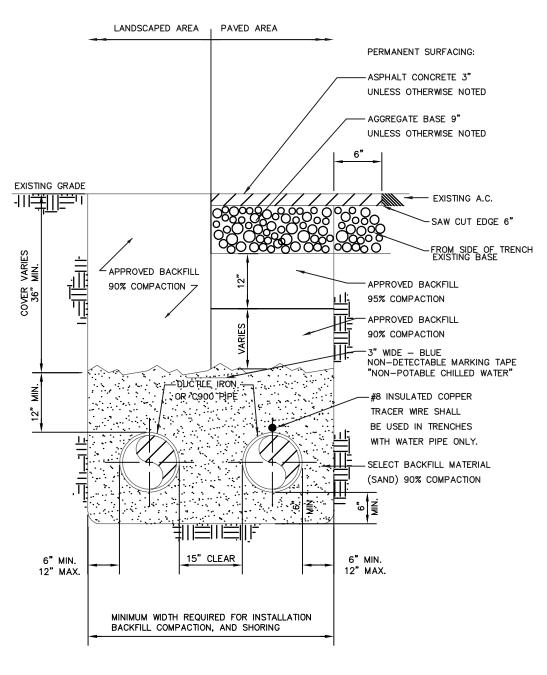
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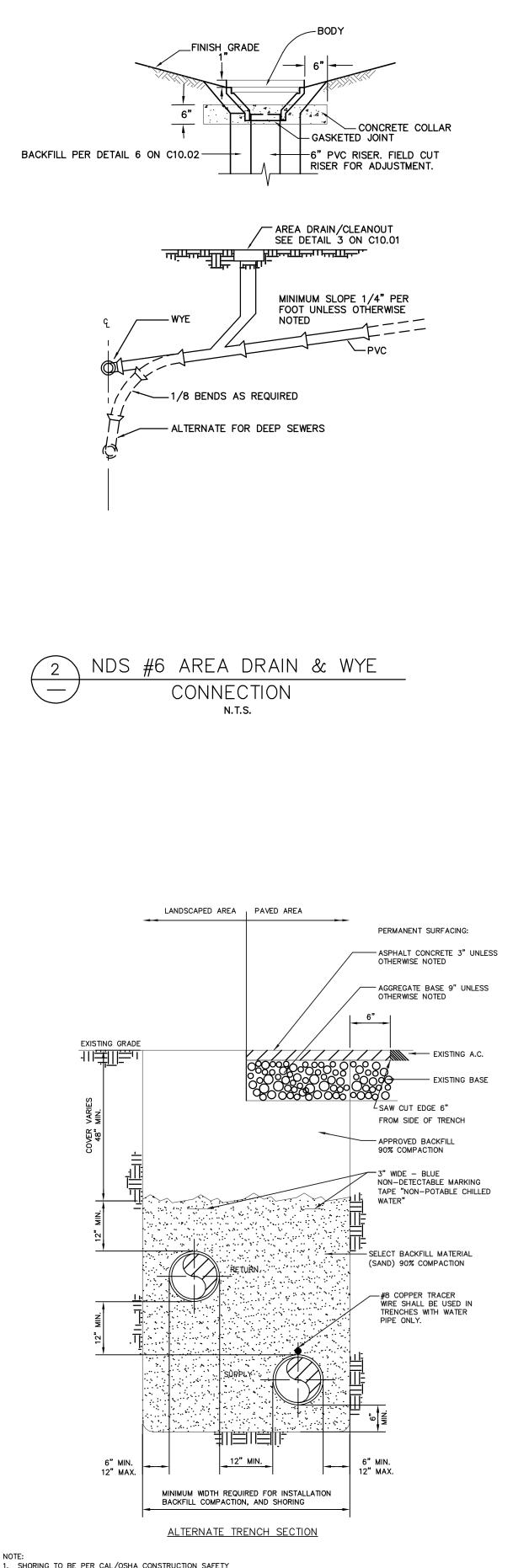


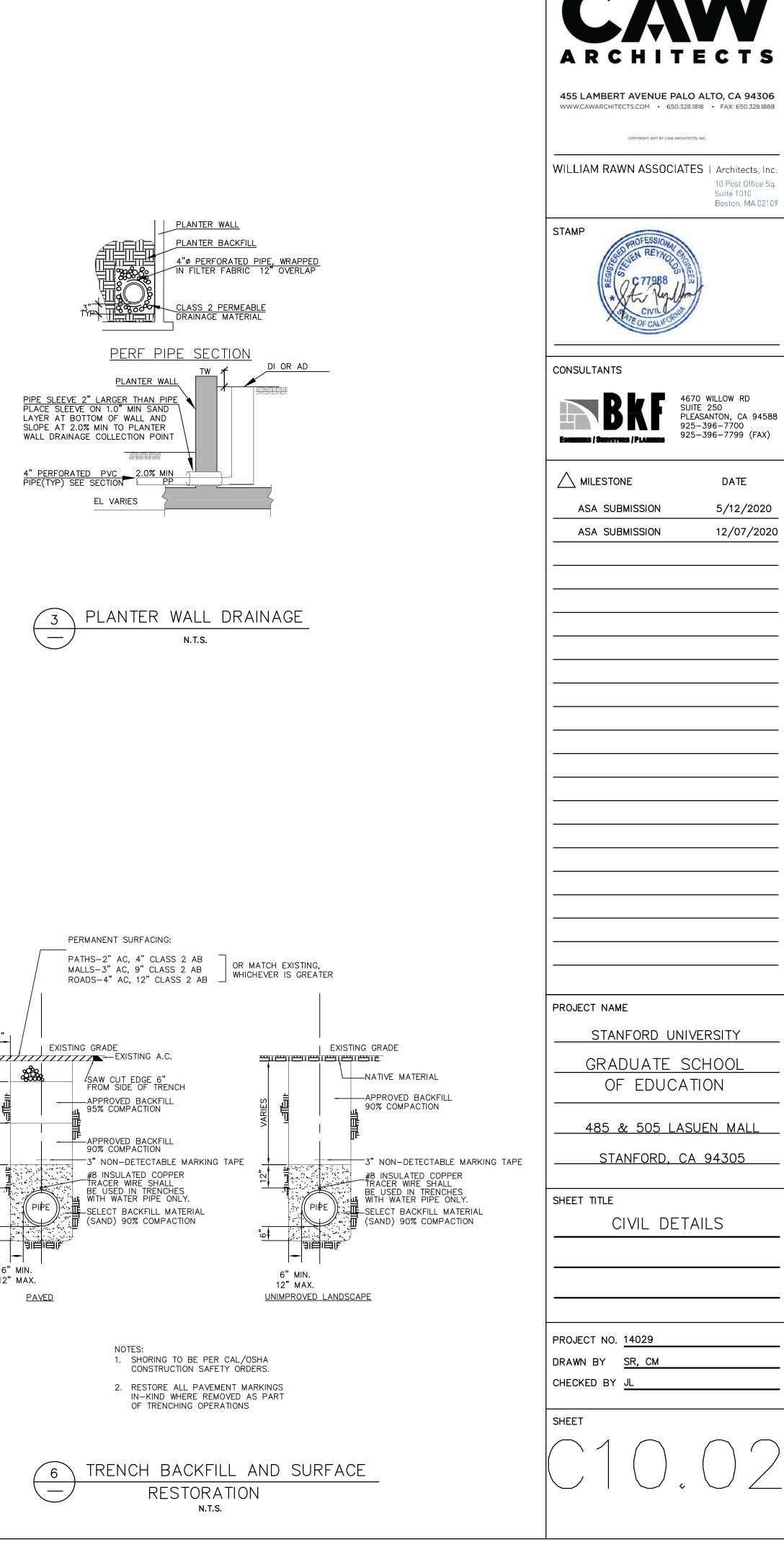
TYPICAL TRENCH SECTION

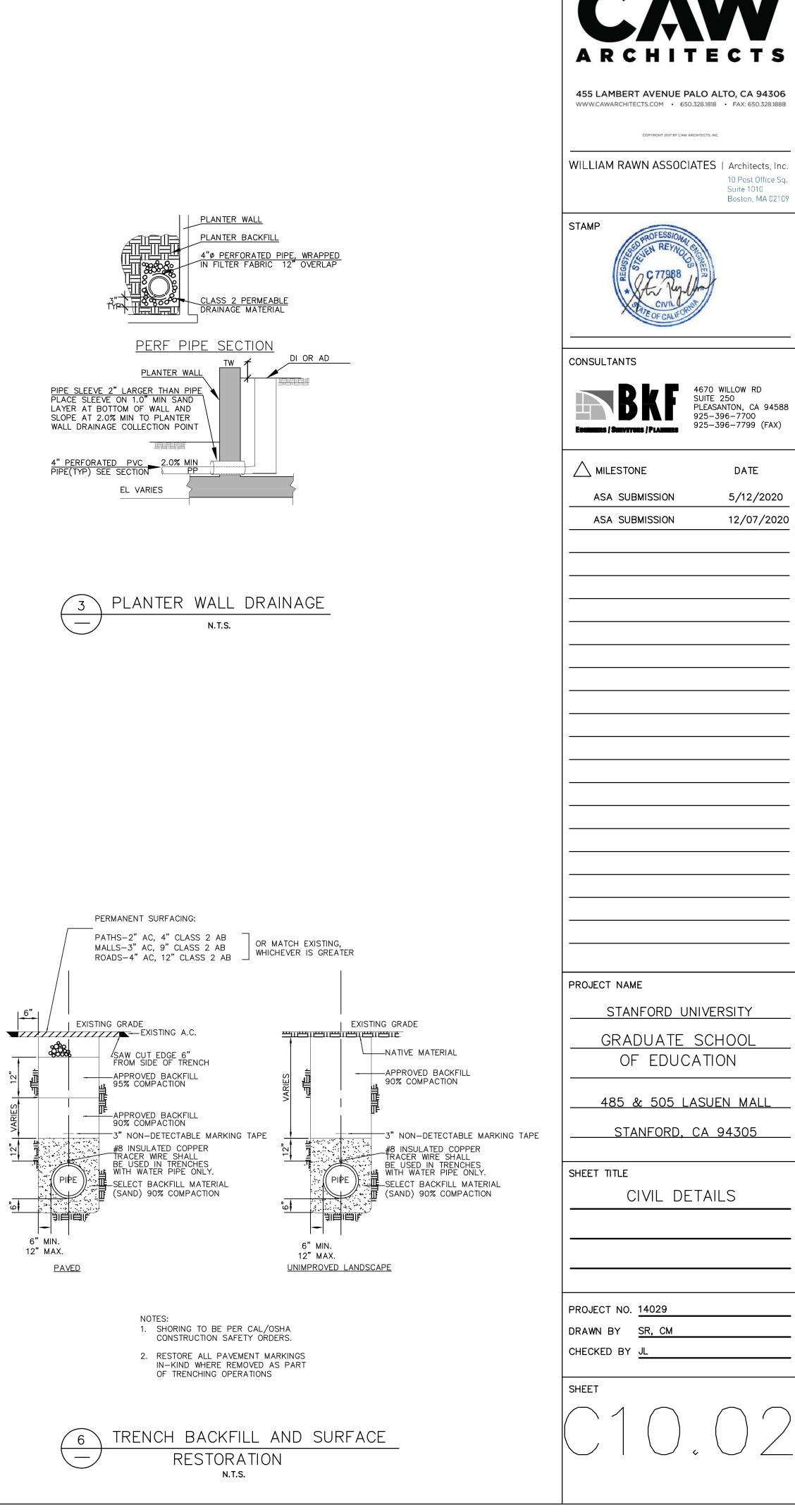
NOTE: 1. SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY ORDERS. 2. RESTORE ALL PAVEMENT MARKINGS IN-KIND WHERE

REMOVED AS PART OF TRENCHING OPERATIONS

TYPICAL CHILLED WATER TRENCH SECTION 4 \ — N.T.S.



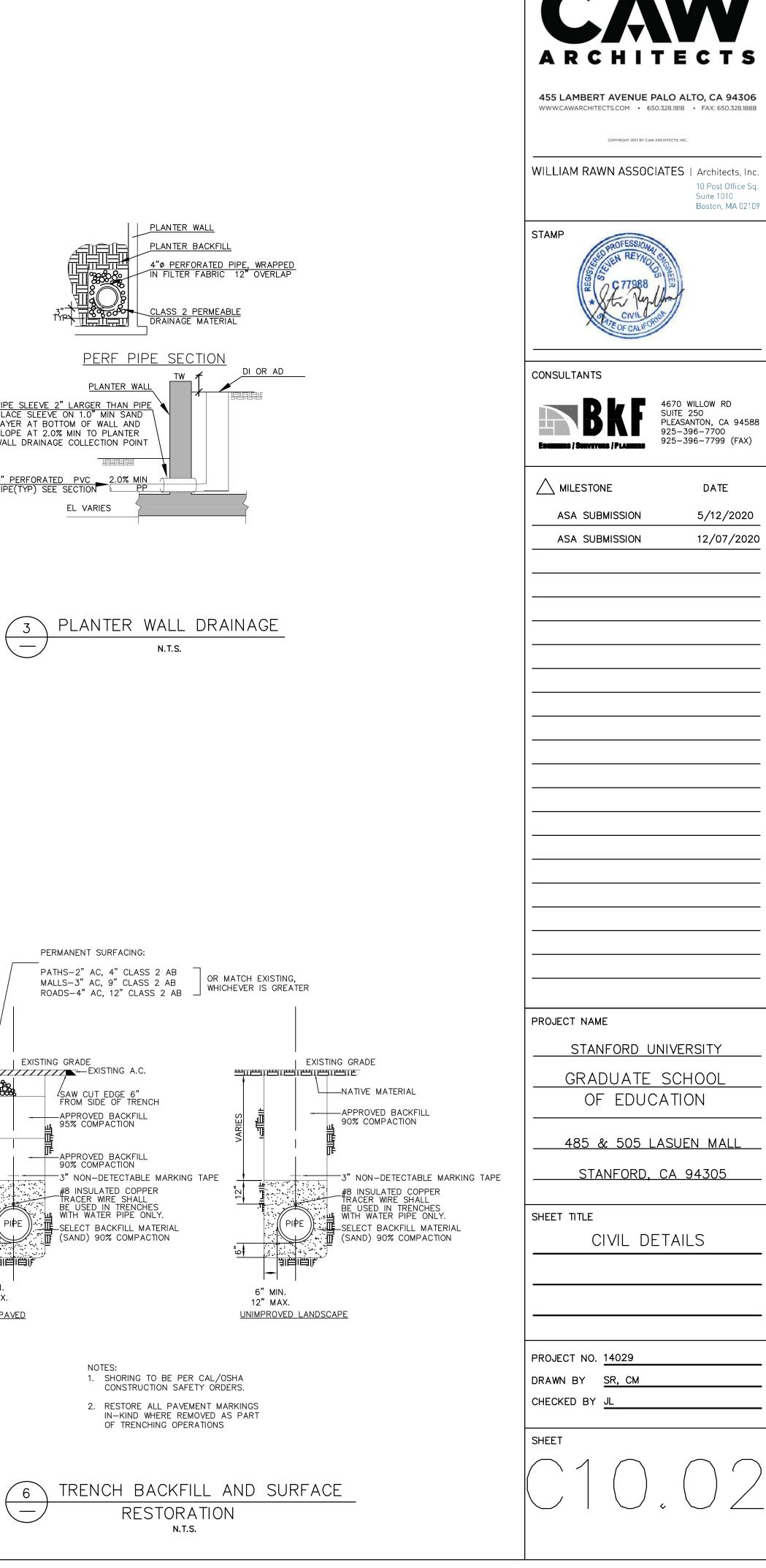




1. SHORING TO BE PER CAL/OSHA CONSTRUCTION SAFETY ORDERS. 2. RESTORE ALL PAVEMENT MARKINGS IN-KIND WHERE REMOVED AS PART OF TRENCHING OPERATIONS

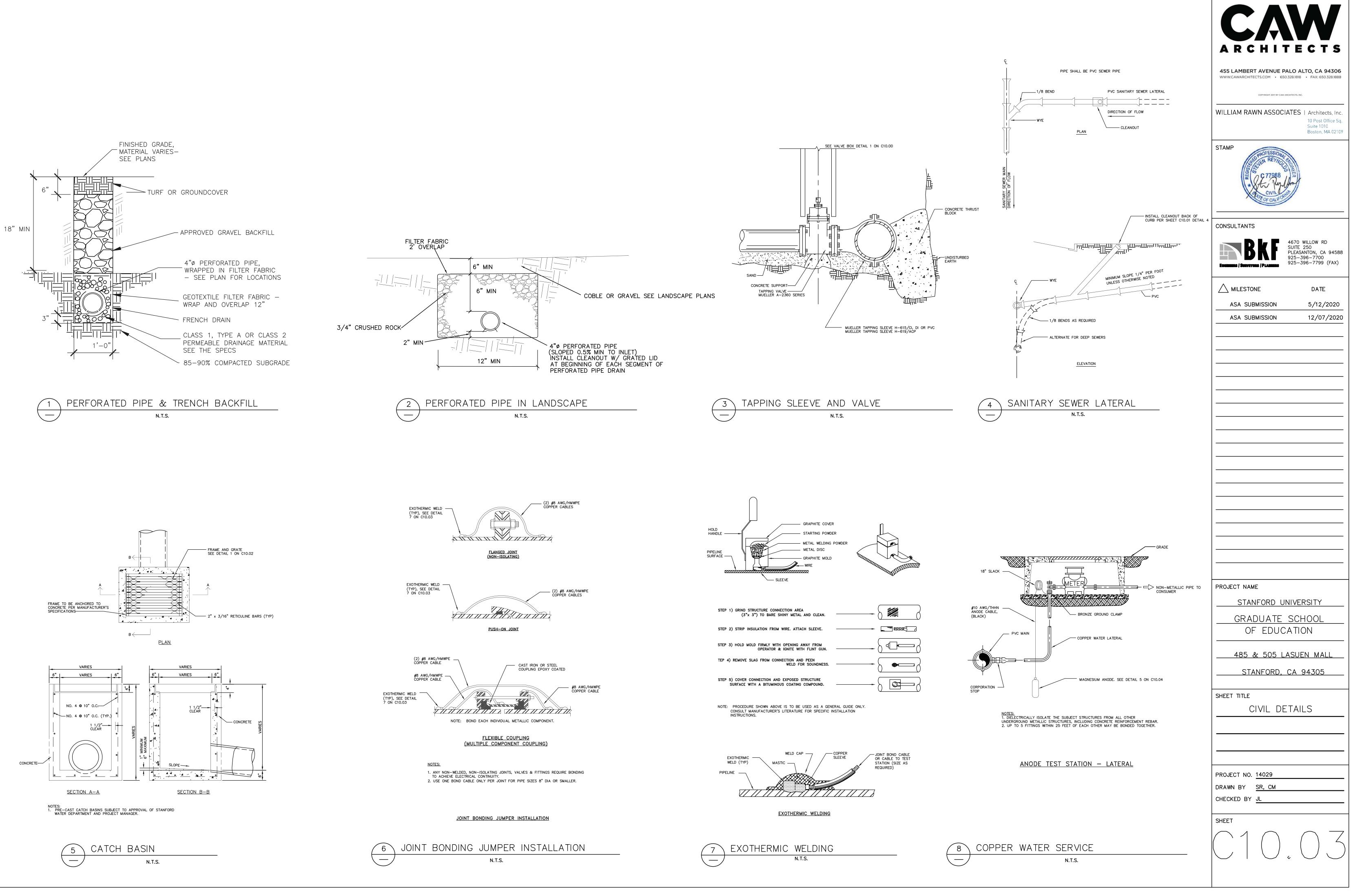
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ALTERNATE CHILLED WATER TRENCH SECTION N.T.S.



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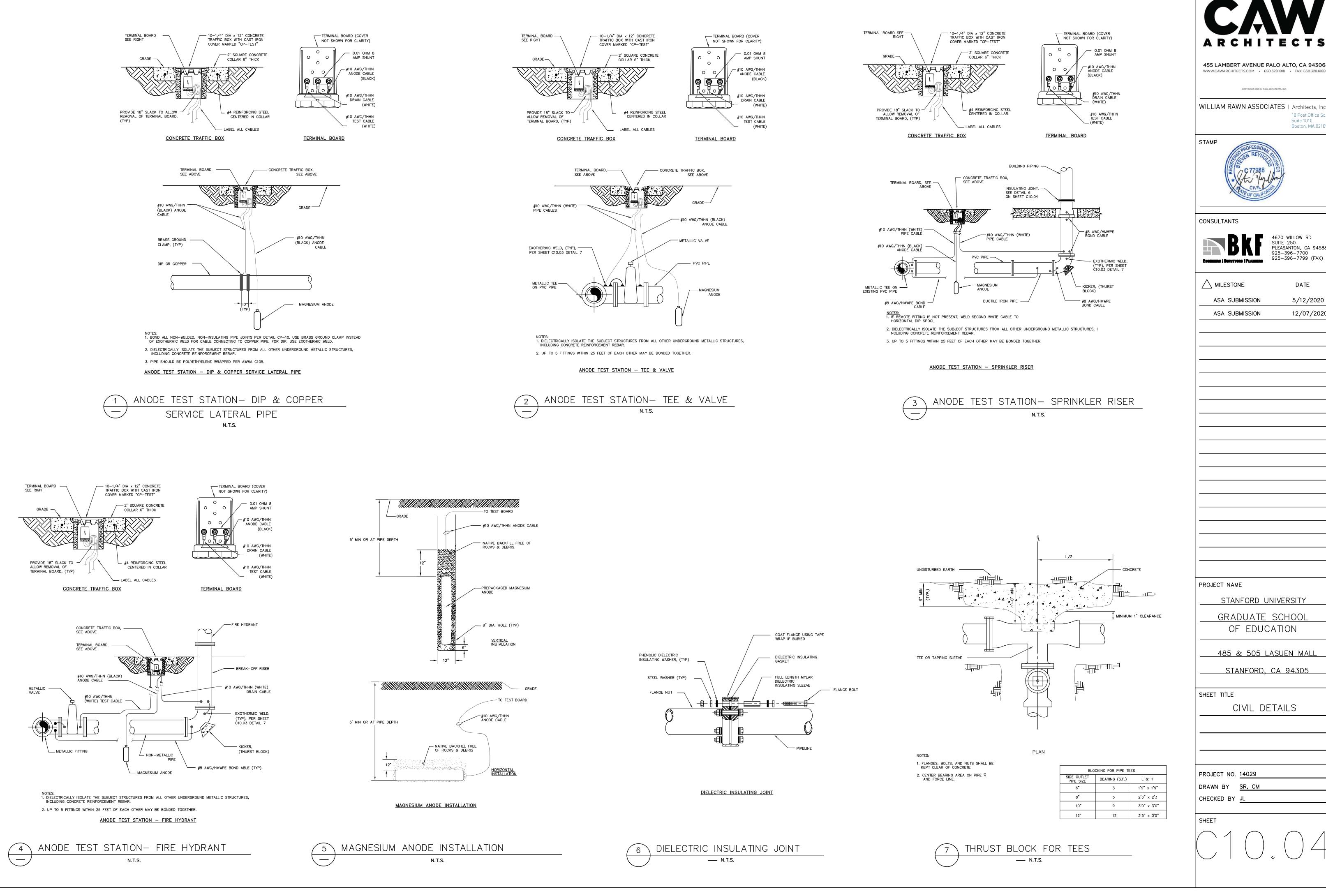
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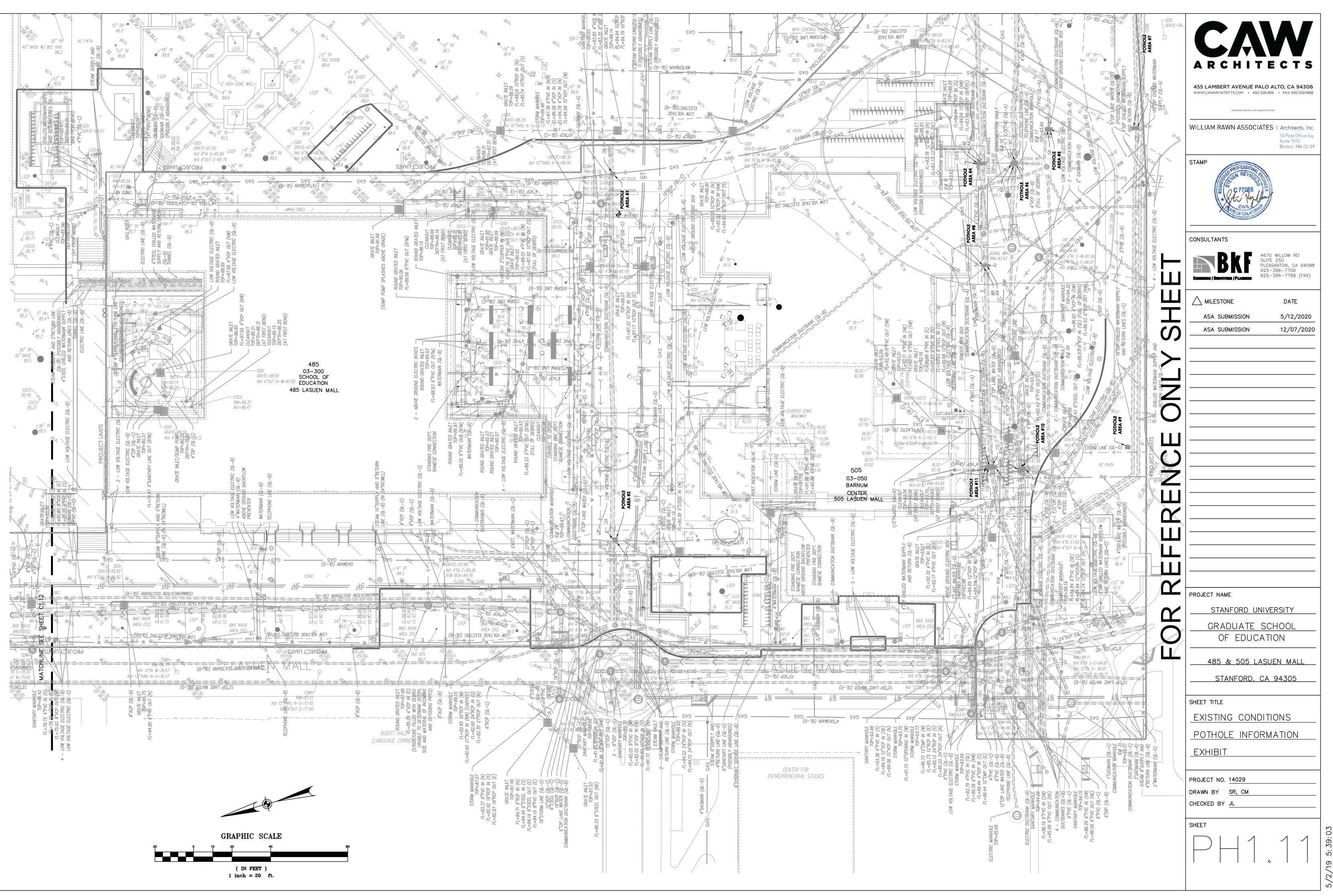
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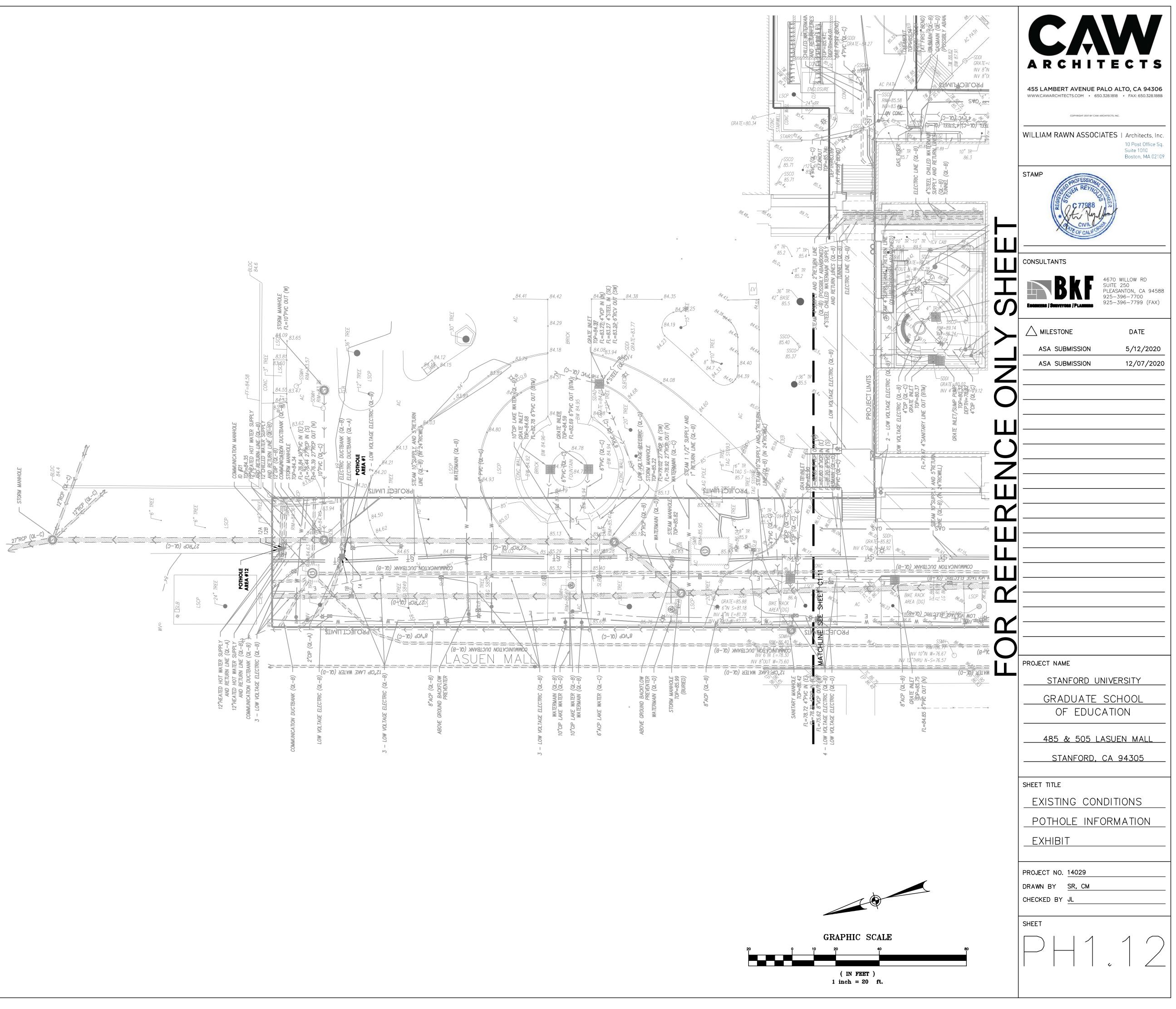
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VILLIAM RAWN ASSOCI	ATES Architects, Inc. 10 Post Office Sq. Suite 1010 Boston, MA 02109				
STAMP					
CONSULTANTS					
ENGINEERS / SURVEYORS / PLANMERS	4670 WILLOW RD SUITE 250 PLEASANTON, CA 94588 925–396–7700 925–396–7799 (FAX)				
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ASA SUBMISSION	5/12/2020				
ASA SUBMISSION	12/07/2020				
PROJECT NAME					
STANFORD UNIVERSITY					
GRADUATE SCHOOL OF EDUCATION					
485 & 505 L	ASUEN MALL				
STANFORD, CA 94305					
CIVIL DETAILS					
PROJECT NO. 14029					
DRAWN BY <u>SR, CM</u> CHECKED BY <u>JL</u>					
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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.
- 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 1.7.A.3, 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.
- 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.
- 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

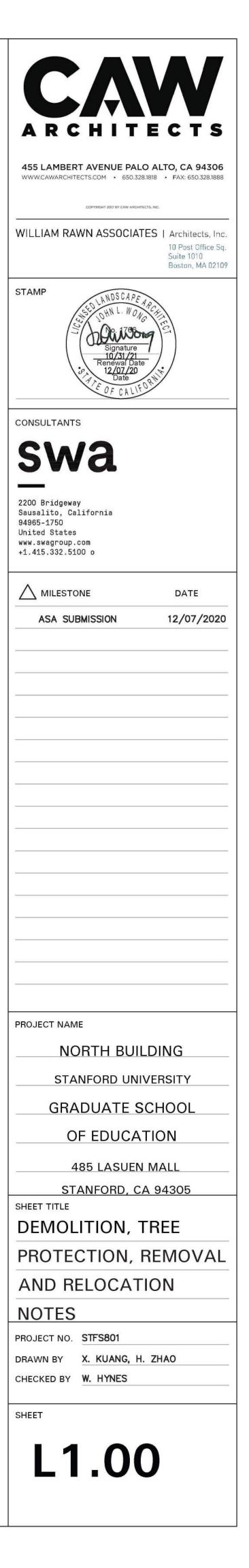
- CONTRACTOR SHALL TAG ALL TREES TO BE REMOVED, RELOCATED AND PROTECTED. CONTRACTOR SHALL REVIEW ALL TREES WITH THE OWNER AND THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL & RELOCATION.
- 2. PLEASE CONTACT A STANFORD ARBORIST TO BE PRESENT FOR NECESSARY ROOT EXCAVATION, DURING THE REMOVAL OF EXISTING PARKING 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
- 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.

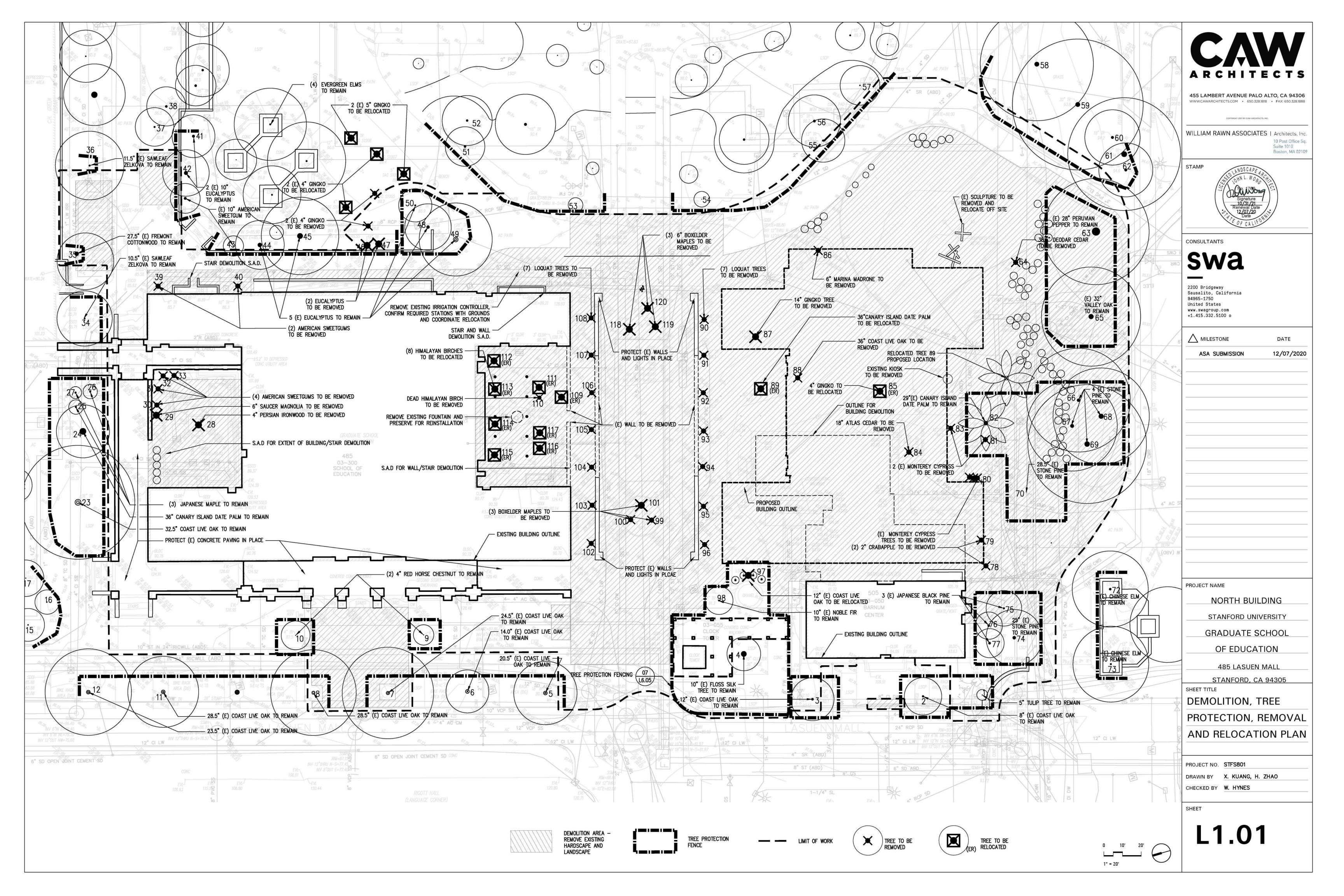
MGLADDEN@STANFORD.EDU

TREE REMOVAL LIST

NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	LOCATION	BARNUM AS
28	PARROTIA PERSICA	PERSIAN IRONWOOD	3.5"	SUNKEN COURTYARD	N
29	MAGNOLIA SOULANGEANA	SAUCER MAGNOLIA	6"	SUNKEN COURTYARD	N
50	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	11.5"	SUNKEN COURTYARD	N
1	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	15.5"	SUNKEN COURTYARD	N
2	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	9.5"	SUNKEN COURTYARD	N
3	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	11.5"	SUNKEN COURTYARD	N
9	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	11"	ADJACENT TO BUILDING FOOTPRINT	N
0	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	10.5"	ADJACENT TO BUILDING FOOTPRINT	N
6	EUCALYPTUS SIDEROXYLON	RED IRONBARK	17"	ADJACENT TO BUILDING FOOTPRINT	N
7	EUCALYPTUS SIDEROXYLON	RED IRONBARK	29"	ADJACENT TO BUILDING FOOTPRINT	N
4	CEDRUS DEODARA	DEODAR CEDAR	38.5"	ADJACENT TO BUILDING FOOTPRINT	N
0	PINUS PINEA	ITALIAN STONE PINE	28.5"	ADJACENT TO BUILDING FOOTPRINT	Ν
8	MALUS SP.	CRABAPPLE	1.5"	ADJACENT TO BUILDING FOOTPRINT	Y
9	MALUS SP.	CRABAPPLE	1.5"	ADJACENT TO BUILDING FOOTPRINT	Y
0	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	28.5"	ADJACENT TO BUILDING FOOTPRINT	Y
1	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	5.5"	ADJACENT TO BUILDING FOOTPRINT	Y
3	HESPEROCYPARIS MACROCARPA	MONTEREY CYPRESS	13.5"	ADJACENT TO BUILDING FOOTPRINT	Y
4	CEDRUS ATLANTICA	ATLAS CEDAR	23"	ADJACENT TO BUILDING FOOTPRINT	Y
6	ARBUTUS 'MARINA'	MARINA MADRONE	6"	ADJACENT TO BUILDING FOOTPRINT	Ν
7	GINGKO BILOBA	MAIDENHAIR TREE	16"	S. BUILDING FOOTPRINT	Ν
8	QUERCUS AGRIFOLIA	COAST LIVE OAK	36.5"	ADJACENT TO BUILDING FOOTPRINT	Ν
0	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	4.5"	EXISTING CENTRAL COURTYARD	Ν
1	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6"	EXISTING CENTRAL COURTYARD	Ν
2	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6.5"	EXISTING CENTRAL COURTYARD	N
3	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6"	EXISTING CENTRAL COURTYARD	Y
4	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6"	EXISTING CENTRAL COURTYARD	Y
5	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	6.5"	EXISTING CENTRAL COURTYARD	Y
6	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	4.5"	EXISTING CENTRAL COURTYARD	Y
7	QUERCUS AGRIFOLIA	COAST LIVE OAK	12"	ADJACENT TO BUILDING FOOTPRINT	Y
9	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	9.5"	EXISTING CENTRAL COURTYARD	N
00	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	10.5"	EXISTING CENTRAL COURTYARD	N
01	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	9.5"	EXISTING CENTRAL COURTYARD	N
02	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	14"	EXISTING CENTRAL COURTYARD	N
03	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
04	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
05	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	18.5"	EXISTING CENTRAL COURTYARD	N
06	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	1.5"	EXISTING CENTRAL COURTYARD	N
07	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	14.5"	EXISTING CENTRAL COURTYARD	N
08	ERIOBOTRYA JAPONICA	JAPANESE LOQUAT	10"	EXISTING CENTRAL COURTYARD	N
10	BETULA UTILIS VAR.JACQUEMONTII	HIMALAYAN BURCH	3"	EXISTING CENTRAL COURTYARD	N
8	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	6"	EXISTING CENTRAL COURTYARD	N
9	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	5.5"	EXISTING CENTRAL COURTYARD	N
20	ACER NEGUNDO 'FLAMINGO'	FLAMINGO BOX ELDER	5.5"	EXISTING CENTRAL COURTYARD	N
1004	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	
1005	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	
1006	GINGKO BILOBA	MAIDENHAIR TREE	5"	FIRE LANE TURN AROUND	
1007	GINGKO BILOBA	MAIDENHAIR TREE	4"	FIRE LANE TURN AROUND	

TREE RE	LOCATION LIST				
NUMBER	BOTANICAL NAME	COMMON NAME	CALIPER	PROPOSED LOCATION	BARNUM ASA
85	GINGKO BILOBA	MAIDENHAIR TREE	4"	MARY BELL FLOYD GARDEN	Y
89	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	36"	SOUTH COURTYARD	Ν
109	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	Ν
111	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	Ν
112	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	Ν
113	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	Ν
114	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	Ν
115	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4.5"	SUNKEN COURTYARD	Ν
116	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
117	BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	3"	SUNKEN COURTYARD	Ν
S1008	GINGKO BILOBA	MAIDENHAIR TREE	5"	MARY BELL FLOYD GARDEN	





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 6'X6' SQUARE MOCKUPS FOR PRECAST
- PAVING FOR REVIEW AND APPROVAL.
 5. PROVIDE MOCKUP OF 4' LONG SECTION OF STEPS WITH CONTRASTING STRIPE FOR REVIEW AND APPROVAL.
- 6. TRASH AND RECYCLE BINS TO BE DETERMINED AND WILL BE LOCATED BY LANDSCAPE ARCHITECT OR STANFORD REPRESENTATIVE PRIOR TO ORDERING OR INSTALLATION.
- 7. ALL EXISTING AND PROPOSED ASPHALT, MULCH AND AGGREGATE PATHS TO HAVE METAL HEADERS.
- TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, WORK LINE, FACE OF BUILDING, FACE OF WALL, OR CENTERLINE, AS INFERRED ON DRAWINGS.

- ALL WORK PERFORMED WITHIN THE DRIP LINE OF TREES DESIGNATED "EXISTING TREES TO REMAIN" SHALL BE DONE BY HAND LABOR.
- 10. ALL ANGLES TO BE 90 DEGREES UNLESS OTHERWISE NOTED. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON DRAWINGS.
- 11. HOLD TOPS OF WALLS AND FENCES LEVEL UNLESS OTHERWISE NOTED
- 12. REFERENCE TO NORTH REFERS TO TRUE NORTH, REFERENCE TO SCALE IS FOR FULL-SIZED DRAWINGS ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.
- 13. DIMENSIONS TAKE PRECEDENCE OVERS SCALES SHOWN ON DRAWINGS.
- 14. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS
- 15. DO NOT INSTALL ANY WORK ON STRUCTURE PRIOR TO REVIEW OF WATERPROOFING BY ARCHITECT.
- 16. 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.

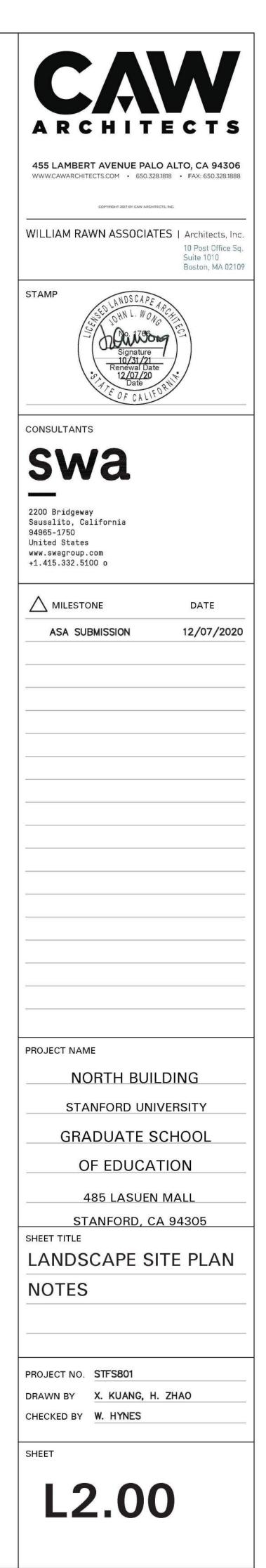
ABBREVIATIONS

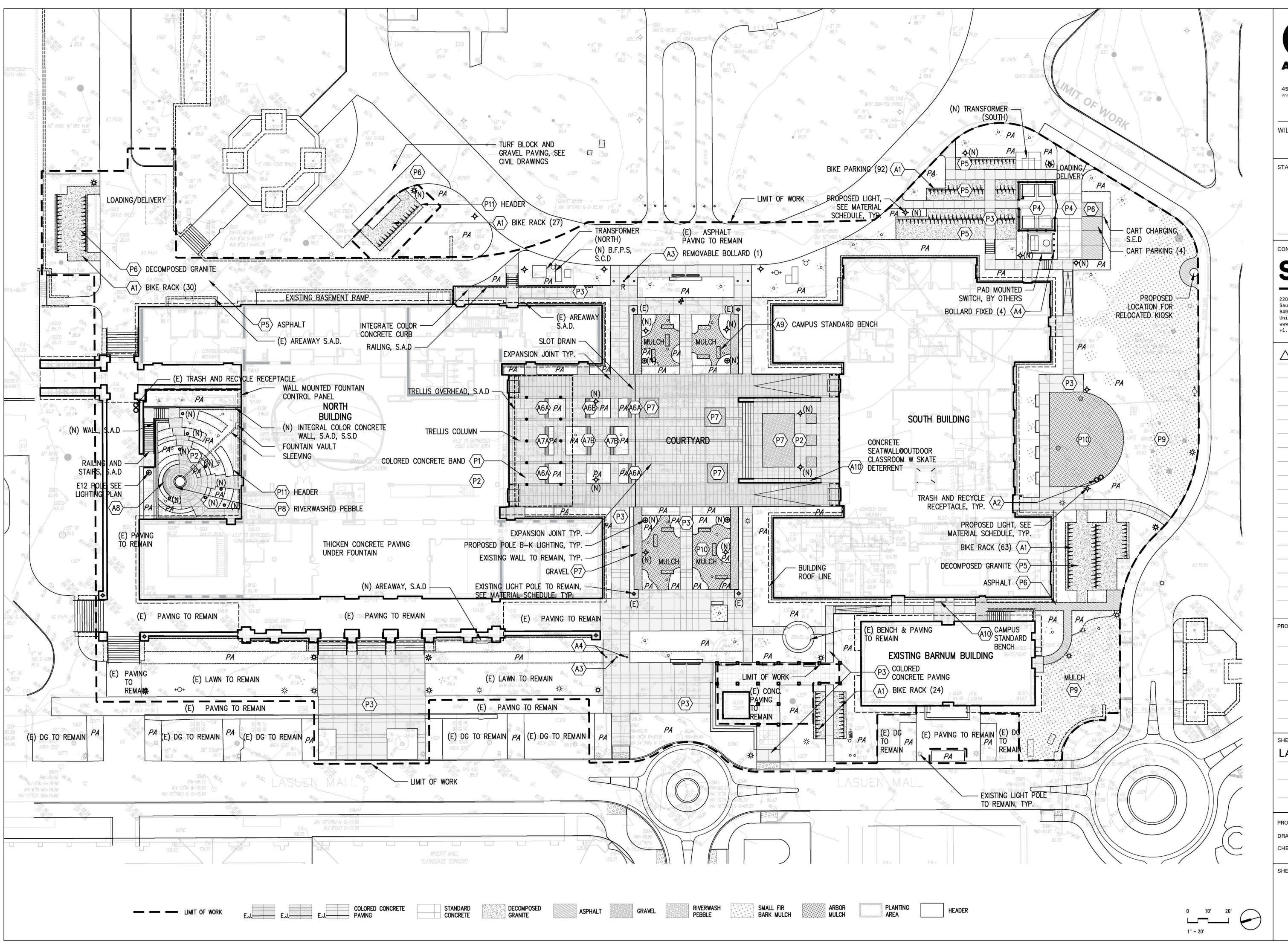
r	
SYM	DESCRIPTION
BLDG	BUILDING
BS	BOTTOM OF STAIR
CL	CENTER LINE
(E)	EXISTING ELEMENT
EJ	EXPANSION JOINT
EQ	EQUAL
(ER)	ORIGINAL LOCATION OF ELEMENT TO BE RELOCATED
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE (PLANTING)
FS	FINISH SURFACE (HARDSCAPE)
HDR	HEADER
L.O.W.	LIMIT OF WORK
(N)	NEW
N/A	NOT APPLICABLE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

SYM	DESCRIPTION
0.C.	ON CENTER
P.A.	PLANTING AREA
P.0.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

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	-	-	-

AME	NITY SCHEDULE (A)							
KEY	DESCRIPTION	MATERIALS	MODEL	SUPPLIER	SIZE	COLOR	FINISH	REMARK
(A1)	BIKE RACK	STEEL	SEE DETAIL	SCH ENTERPRISES LLC WWW.SCHENTERPRISESLLC.ORG/	PER PLAN	BLACK	PFS THERMOPLASTIC BLACK	
A2	TRASH AND RECYCLE RECEPTACLE	STEEL	SEE DETAIL	VICTOR STANLEY 800-368-2573 WWW.VICTORSTANLEY.COM	PER PLAN	BLACK		
$\langle A3 \rangle$	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)		METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
	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)		METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
		METAL AND THERMALLY MODIFIED WOOD	LANDSCAPE COMPACT	MMCITE/SPEC PLAY EQUIPMENT 800.475.1071	PER PLAN	TBD		SURFACE MOUNT
$\langle A8 \rangle$		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	IPARKSILE BENILH	GARDENSIDE LTD., WW.GARDENSIDE.COM, CONTACT MIKE DAVID AT 1-888-999-8325	SEE DETAIL	NATURAL	2 COATS TEAK OIL FINISH	
(A10)		INTEGRAL COLOR POURED IN PLACE CONCRETE			PER PLAN	PER PLAN		SEE ENLARGEMENT PLANS





ARCHITECTS
455 LAMBERT AVENUE PALO ALTO, CA 94306
WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888
WILLIAM RAWN ASSOCIATES Architects, Inc.
10 Post Office Sq. Suite 1010 Boston, MA 02109
STAMP
SEDUNIL WONG CHI
Signature 10/31/21 Renéwal Date 12/07/20
Date DATE OF CALIFORN
CONSULTANTS
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2200 Bridgeway
Sausalito, California 94965-1750 United States www.swagroup.com
www.swagroup.com +1.415.332.5100 o
ASA SUBMISSION 12/07/2020
·
PROJECT NAME
NORTH BUILDING
STANFORD UNIVERSITY
GRADUATE SCHOOL
485 LASUEN MALL
STANFORD, CA 94305
SHEET TITLE
PROJECT NO. STFS801 DRAWN BY X. KUANG, H. ZHAO
CHECKED BY W. HYNES
SHEET
L2.01

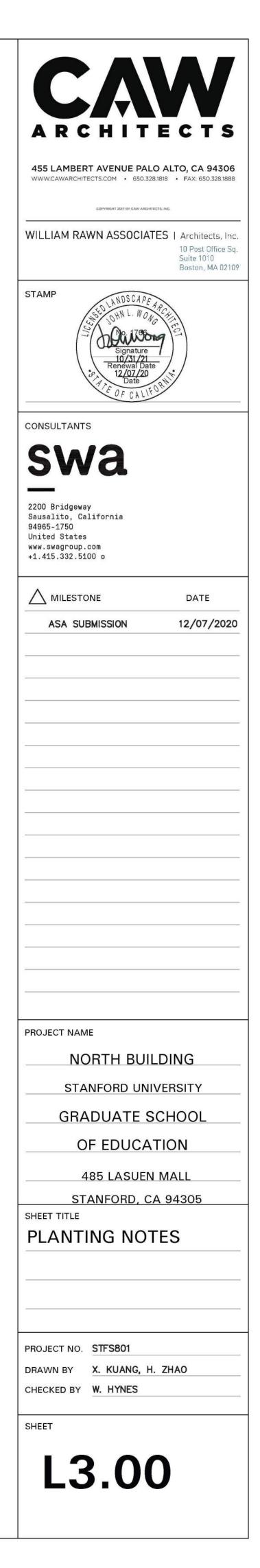
PLANTING AND IRRIGATION NOTES

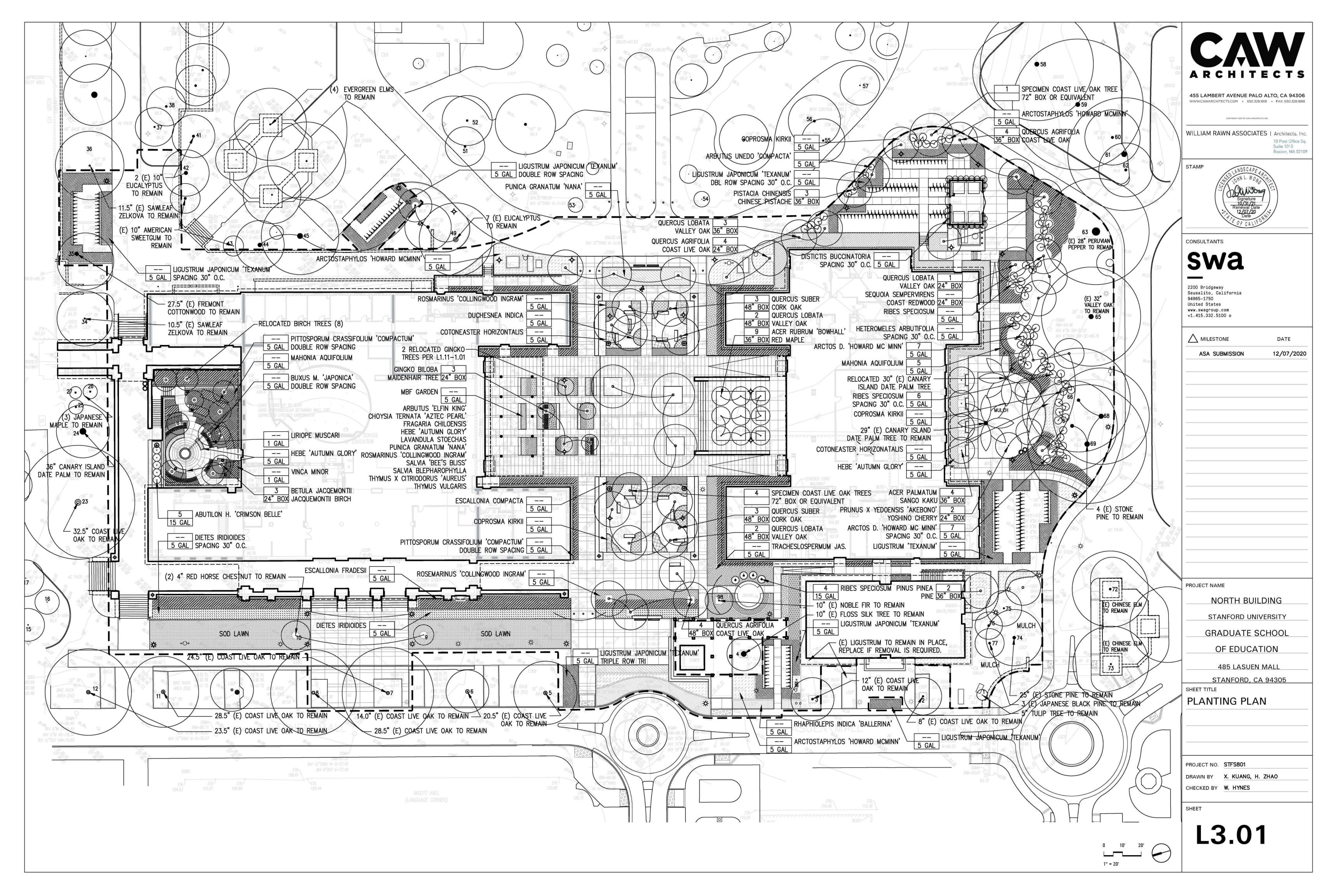
- 1. ALL EXISTING LANDSCAPED AREAS AND IRRIGATION IN THE AREA THAT MAY HAVE BEEN IMPACTED ARE TO BE RESTORED AND OPERATIONAL WITH PRIOR APPROVAL OF THE STANFORD UNIVERSITY ARCHITECT AND PLANNING OFFICE AND STANFORD GROUNDS SERVICES.
- 2. EXISTING WIRING, CONTROLLER AND POINT OF CONNECTION TO BE REUSED 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 RELOCATION LIST

BOTANICAL NAME	COMMON NAME	CALIPER	PROPOSED LOCATION	BARNUM ASA
GINGKO BILOBA	MAIDENHAIR TREE	4"	MARY BELL FLOYD GARDEN	Y
PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	36"	SOUTH COURTYARD	N
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	Ν
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	Ν
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	5.5"	SUNKEN COURTYARD	N
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4.5"	SUNKEN COURTYARD	N
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	4"	SUNKEN COURTYARD	N
BETULA UTILIS VAR. JACQUEMONTII	HIMALAYAN BIRCH	3"	SUNKEN COURTYARD	N
GINGKO BILOBA	MAIDENHAIR TREE	5"	MARY BELL FLOYD GARDEN	
	BOTANICAL NAME GINGKO BILOBA PHOENIX CANARIENSIS BETULA UTILIS VAR. JACQUEMONTII BETULA UTILIS VAR. JACQUEMONTII	BOTANICAL NAMECOMMON NAMEGINGKO BILOBAMAIDENHAIR TREEPHOENIX CANARIENSISCANARY ISLAND DATE PALMBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCHBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH	BOTANICAL NAMECOMMON NAMECALIPERGINGKO BILOBAMAIDENHAIR TREE4"PHOENIX CANARIENSISCANARY ISLAND DATE PALM36"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4.5"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4.5"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH3"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH3"BETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH3"	BOTANICAL NAMECOMMON NAMECALIPERPROPOSED LOCATIONGINGKO BILOBAMAIDENHAIR TREE4"MARY BELL FLOYD GARDENPHOENIX CANARIENSISCANARY ISLAND DATE PALM36"SOUTH COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH5.5"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4.5"SUNKEN COURTYARDBETULA UTILIS VAR. JACQUEMONTIIHIMALAYAN BIRCH4"SUNKEN COURTYARD

PLANT LIST					
BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WUCOLS	COMMENTS
TREES				(REG. 1)	
TREES ACER RUBRUM 'BOWHALL'	BOWHALL RED MAPLE	36" BOX	PER PLAN	м	6' MIN CLEAR TRUNK
BETULA UTILIS VAR. JACQUEMONTII GINKO BILOBA	HIMALAYAN BIRCH MAIDENHAIR TREE	RELOCATED/24" BOX 36" BOX	PER PLAN PER PLAN	H M	MULTI TO MIX W/ (E) TREES LOW BRANCH
PRUNUS YEDOENSIS 'AKEBONO' QUERCUS AGRIFOLIA	FLOWERING CHERRY COAST LIVE OAK	36" BOX 48" BOX	PER PLAN PER PLAN	VL	
QUERCUS AGRIFOLIA QUERCUS LOBATA	COAST LIVE OAK VALLEY OAK	RELOCATED/72"BOX 36"/48"BOX	PER PLAN PER PLAN	VL L	
QUERCUS SUBER SEQUOIA SEMPERVIRENS	CORK OAK COAST REDWOOD	36"/48" BÓX 36"/48" BOX 36" BOX	PER PLAN PER PLAN	L H	
SHRUBS AND GROUNDCOVERS		bo box			
ARCTOSTAPHYLOS 'HOWARD MCMINN'	MANZANITA	5 GAL	48" O.C. TRI	L	
COPROSMA KIRKII DIETES IRIDOIDES	COPROSMA FORTNIGHT LILY	5 GAL 5 GAL	30" O.C. TRI 30" O.C. TRI	L	
ESCALLONIA 'COMPACTA' ESCALLONIA 'FRADESII'	DWARF ESCALLONIA ESCALLONIA	5 GAL 5 GAL	30" O.C. TRI 30" O.C. TRI	М	
HEBE 'AUTUMN GLORY'	HEBE	5 GAL	30" O.C. ROW	М	
LIGUSTRUM JAPONICUM 'TEXANUM' PITTOSPORUM CRASSIFOLIUM 'COMPACTUM'	PRIVET DWARF KARO	5 GAL 5 GAL	30" O.C. TRI 30" O.C. ROW	M M	
TRACHELOPSERMUM JASMINOIDES	STAR JASMINE	5 GAL	36" O.C. TRI	М	
<u>GROVE_PLANTING</u> COPROSMA_KIRKII	COPROSMA	5 GAL	30" O.C. TRI		
COTONEASTER HORIZONTALIS	ROCKSPRAY COTONEASTER	5 GAL	48" O.C. TRI	Ē	
DUCHESNICA INDICA ROSMARINUS 'COLLINGWOOD INGRAM'	INDIAN STRAWBERRY ROSEMARY	5 GAL 5 GAL	30" O.C. TRI 30" O.C. TRI	M L	
MARY BELL FLOYD GARDEN					
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	м	
LAVANDULA STOECHAS PLUMBAGO AURICULATA	SPANISH LAVENDER CAPE PLUMBAGO	5 GAL 5 GAL	30" O.C. ROW 36" O.C. TRI	L	
PUNICA GRANATUM 'NANA' ROSMARINUS 'COLLINGWOOD INGRAM'	DWARF POMEGRANATE ROSEMARY	5 GAL 5 GAL	30" O.C. ROW 36" O.C. ROW	L	
SALVIA BLEPHAROPHYLLA	EYELASH SAGE	5 GAL	30" O.C. ROW	Ē	
SALVIA BEE'S BLISS THYMUS VULGARIS	CREEPING SAGE THYME	5 GAL 5 GAL	48" O.C. ROW 12" O.C. TRI	L	
THYMUS X CITRIODORUS 'AUREUS'	GOLDEN LEMON THYME	5 GAL	12" O.C. TRI	L	
<u>SUNKEN GARDEN</u> ABUTILON SP.	HEDGE MAPLE	5 GAL	PER PLAN	М	
BUXUS MICROPHYLLA JAPONICA	JAPANESE BOXWOOD	5 GAL	24" O.C. ROW	M	
LIRIOPE MUSCARI MAHONIA AQUIFOLIUM	LIRIOPE OREGON GRAPE HOLLY	5 GAL 5 GAL	12" O.C. TRI 30" O.C. ROW	M	
PITTOSPORUM CRASSIFOLIUM 'COMPACTUM' VINCA MINOR	DWARF KARO DWARF PERIWINKLE	5 GAL 5 GAL	30" O.C. ROW 12" O.C. TRI	M	
SOUTH GARDEN MIX				555	
ARCTOSTAPHYLOS D. 'HOWARD MCMINN'	MANZANITA	5 GAL	30" O.C. ROW	L	
COPROSMA KIRKII COTONEASTER HORIZONTALIS	COPROSMA ROCKSPRAY COTONEASTER	5 GAL 5 GAL	30" O.C. ROW 48" O.C. TRI	L	
HETEROMELES ARBUTIFOLIA MAHONIA AQUIFOLIUM	TOYON OREGON GRAPE	5 GAL 5 GAL	PER PLAN 36" O.C. TRI	L	
RIBES SPECIOSUM	FUCHSIAFLOWER GOOSEBERRY		36" O.C. TRI	L	





IRRIGATION NOTES

- THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC 13. SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN 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.

- 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 OR TREE.
 - TREE.
- 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 SEAL #5.
- 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,

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.

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

SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.

NOTE: INSTALL IRRIGATION SYSTEM PER STANFORD UNIVERSITY FACILITIES DESIGN GUIDELINES AND SPECIFICATIONS; HTTP://MAPS.STANFORD.EDU/FDG_AVAILABLE 1. TREE AND SHRUB PROTECTION (#01532) 2. TRENCHING, BACKFILLING & COMPACTING (#02321) 3. LANDSCAPE IRRIGATION (#02810)

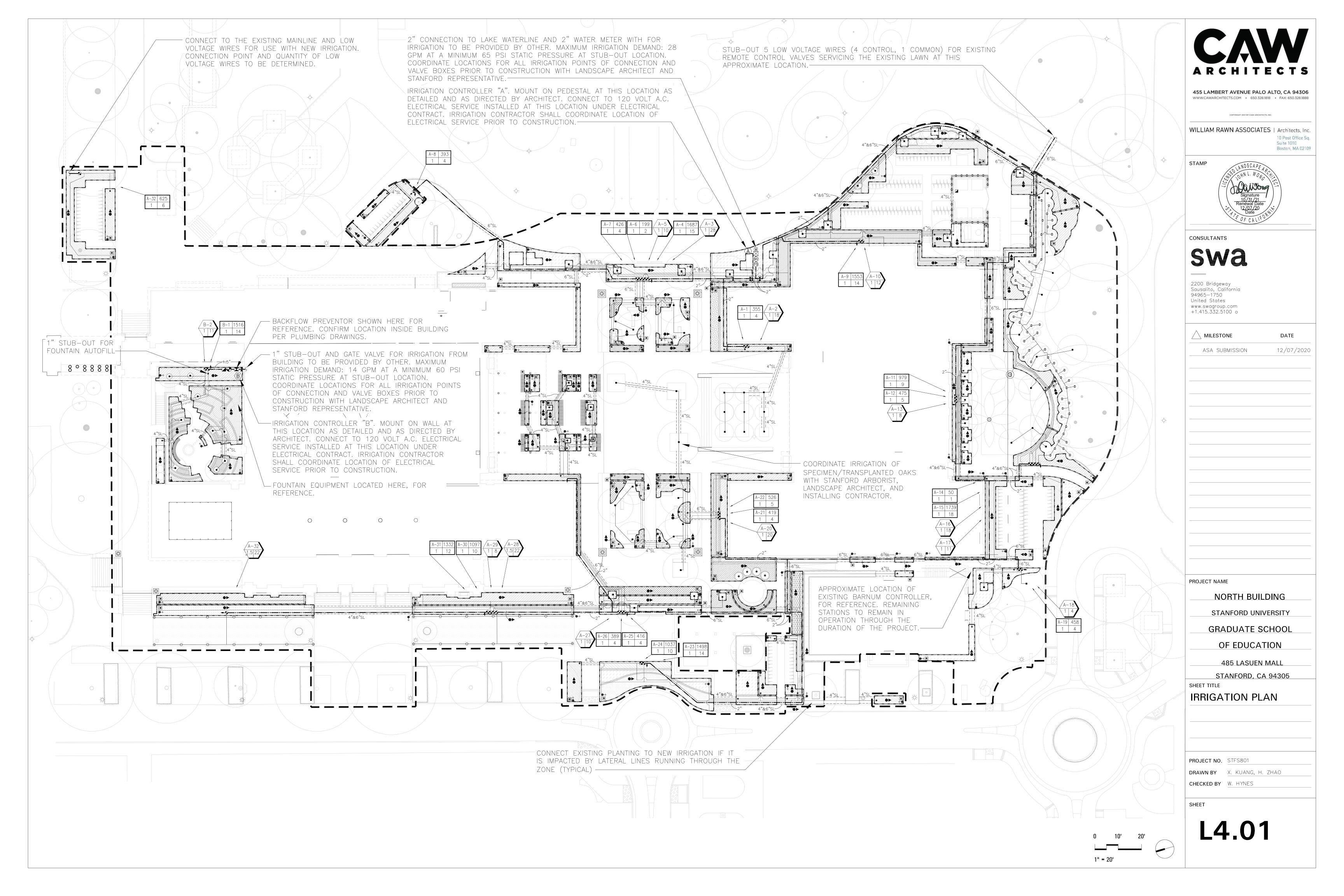
-10 1) FIGURE 8 LINE END (8) ROOT BALL (MODEL: TLFIG8) (9) 6-INCH SOIL STAPLE (TYP) 2) INSERT CROSS (TYP) (MODEL: TLS6) EQUALLY SPACE 4 (MODEL: TLCROS) AROUND EACH TUBE RING (3) BLANK TUBING (1) LOCATE FIRST DRIPLINE RING (4) RAINBIRD XFS DRIPLINE. HALFWAY BETWEEN THE TRUNK INSTALL 1" BELOW SAND AND EDGE OF ROOTBALL. LOCATE THE SECOND DRIPLINE RING AT 5 INSERT TEE (TYP) EDGE OF ROOTBALL. (MODEL: TLTEE) (6) PALM TRUNK (7) ADAPTER TEE FROM PVC TO DRIPLINE DRIP RINGS AROUND PALM SCALE: NONE

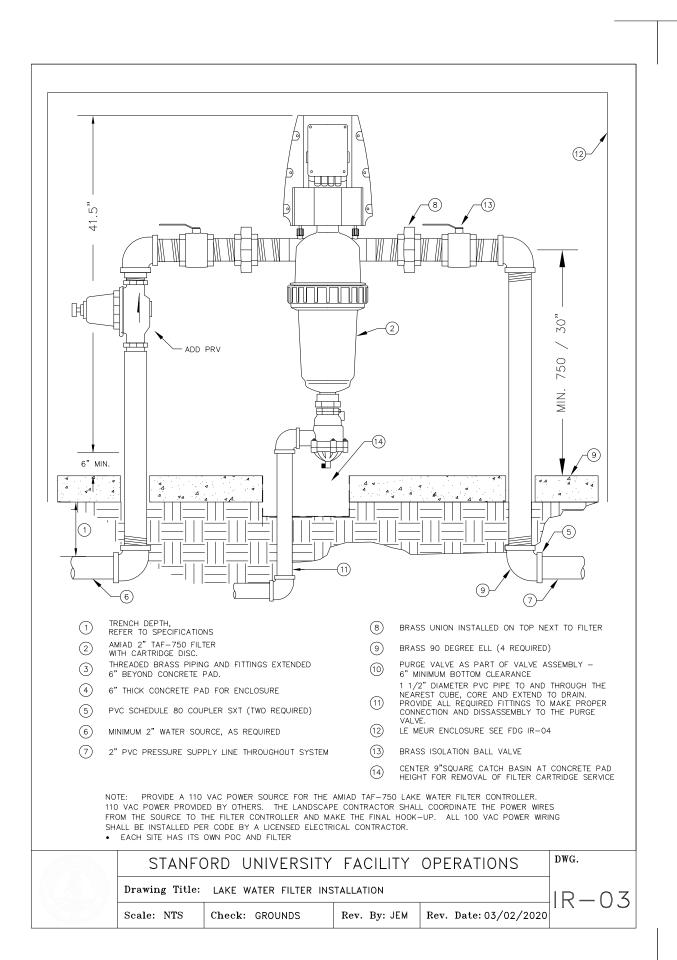
IRRIGATION LEGEND

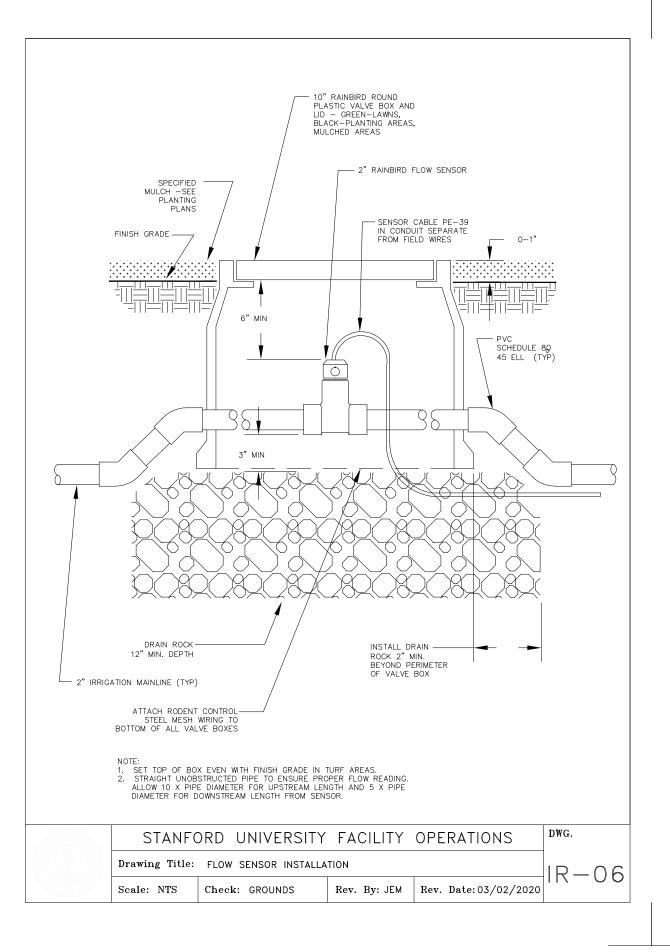
SYMBOL	MODEL NUMBER	DESCRIPTION	GPM	PSI	RADIUS (FEET)
$\ni \oplus$	1806–SAM–PRS/ HE–VAN–15	RAIN BIRD POP-UP SPRAY SPRINKLER (TURF)	1.8,0.9	30	12-15
•	1404 SERIES	RAIN BIRD BUBBLER, 2 Min per tree	1.0	30	TRICKLE
$\langle \! \! X \rangle$	1401 SERIES	RAIN BIRD BUBBLER, 1 PER SHRUB	0.25	30	TRICKLE
3	XFD-06-12	ON GRADE XFD WITH 12" O.C. EMITTER DRIP RING FOR TREES (3 RINGS PER TREE) SEE DETAIL	0.10	30	TRICKLE
••	65ARIA075	NETAFIM DRIPLINE AIR/V	i Acuum relii	I EF VENT	
●+ ○	EBV-0500-T 1806-SAM/MPR-5Q	NDS DRIPLINE FLUSH VA RAIN BIRD POP-UP SPR CLOSED 5' NOZZLE TO	RINKLER WITH	I SIDE INLET	AND A
•	PESB SERIES	RAIN BIRD REMOTE CON L4.02	TROL VALVE.	REFER TO I	R-11 ON SHEET
	100-PEB-PRS-D/ RBY100MPTX 44RC	RAIN BIRD REMOTE CON REGULATOR (SET TO 45 RAIN BIRD QUICK COUPL	PSI) AND A		
	LGT-XX-SS	LEEMCO STAINLESS STEE SMALLER	EL GATE VALY	`	
MV FS	3300-2" FS-150B	SUPERIOR MASTER VALVI RAIN BIRD FLOW SENSO	`	RMALLY OPEN	N)
	3300-1" FS-100B	SUPERIOR MASTER VALVI RAIN BIRD FLOW SENSO	R		1)
	- 500HLR-2"	AMIAD 2" TAF-750 LAKE WILKENS WYE PRESSURE			
	825YA-1"	FEBCO REDUCED PRESS			Y
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 SII CLOSURE. CC ORDERED T	D FLOW MON NGLE STAINLE NTACT RAIN O COORDINA	IITORING WITH ESS STEEL BIRD SERVICES TE 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. O CONTROLLER IS ORDERE TO ENSURE PROPER OR	ITERFACE AN ALL IN A SII CONTACT RAII D TO COORE	D FLOÙ MON NGLE STAINLE N BIRD SERV DINATE A LIN	IITORING WITH ESS STEEL WALL ICES BEFORE K SURVEY VISIT
•		 CONTROLLER AND STATION FLOW (GPM) 	N NUMBER		
		 REMOTE CONTROL VALVE ASSOCIATED REMOTE CON 		HES)	
• •		 CONTROLLER AND STATION AREA (SQ. FT.) FLOW (GPM) 	N NUMBER		
		SCHEDULE	TROL VALVE ALLER: IDULE 40 PN 40 PVC SOL	hes) /c plastic f .vent weld	
			LARGER: Idule 40 PN	/C PLASTIC F	
		12" COVER. SLEEVING: SCHEDULE	40 PVC PLA		OVER TO BE
		INDICATED , DRIP LATERAL 3/4" AND	ABOVE FOR LARGER:	FICATIONS OF PIPE DEPTH	OF COVER.
			40 PVC SOL	/C PLASTIC F VENT WELD	
PVC LATER PVC SUPPL HEADE	PVC LY EXHAUST	DRIP ZONE: RAIN BIRD > INSERT FITTI INSTALLED 4 ACCORDING FOLLOWS: 1 EXHAUST HE 1" SCH 40 SOLVENT WE	KFS SERIES I NGS, PART <u>#</u> -" BELOW GR TO DETAILS. ": 0—10 GPN TADERS SHAL FLEXIBLE PV TLD FITTINGS.	XFS-06-12. ADE IN A 12 SIZE EXHAUS A, 1.25": 11- L BE 1" SCH C. USE SCH. EXTEND PV0	TUBING TO BE 2" O.C. GRID ST HEADERS AS -20 GPM. ALL 1 40 PVC OR
	•	IF REQUIRED INFORMATION). SEE DETAI I.	LS FOR FURT	
VC LATERA		 DRIPLINE REMOTE CONTR APPROXIMATE CONNECTION AND PVC SUPPLY WHEN NO PVC SUPPLY/EXHUS DRIPLINE TUBING CONNE 	DN POINT BE DRIP ZONE T HEADERS	IS LESS TH ARE NEEDED	AN 3 GPM AND . REFER TO

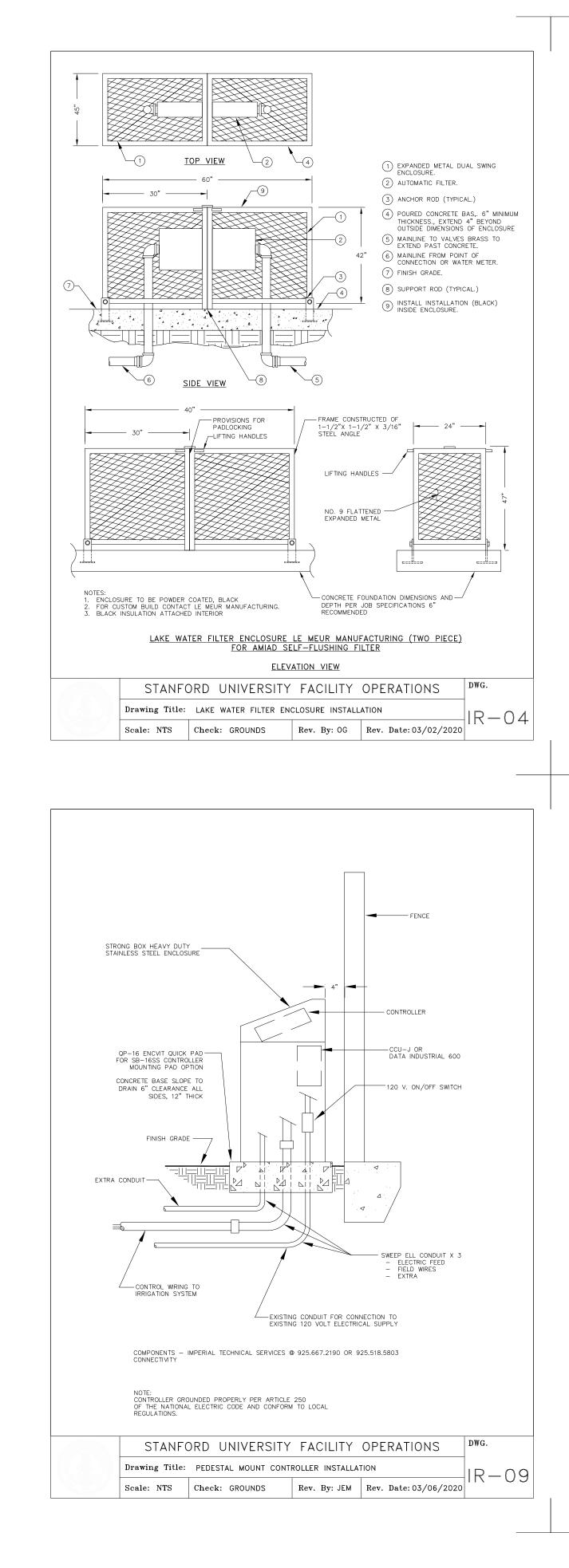
GROUNDS SERVICES. CONTACT DAVID REED (650) 444-6530

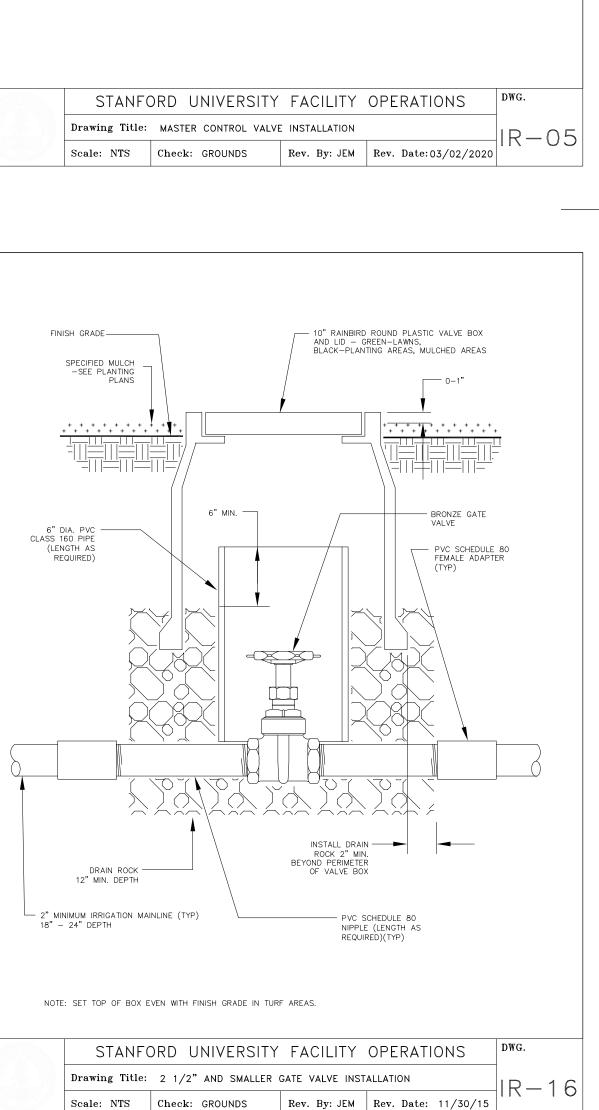


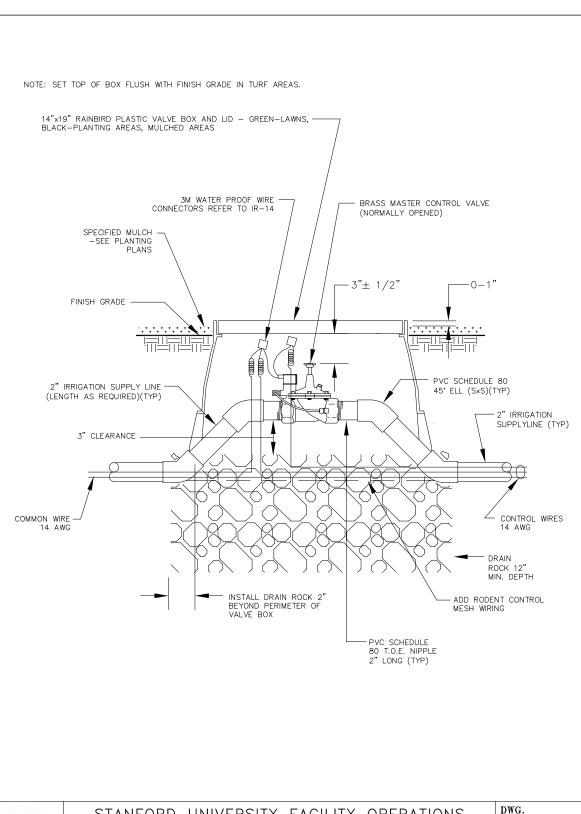


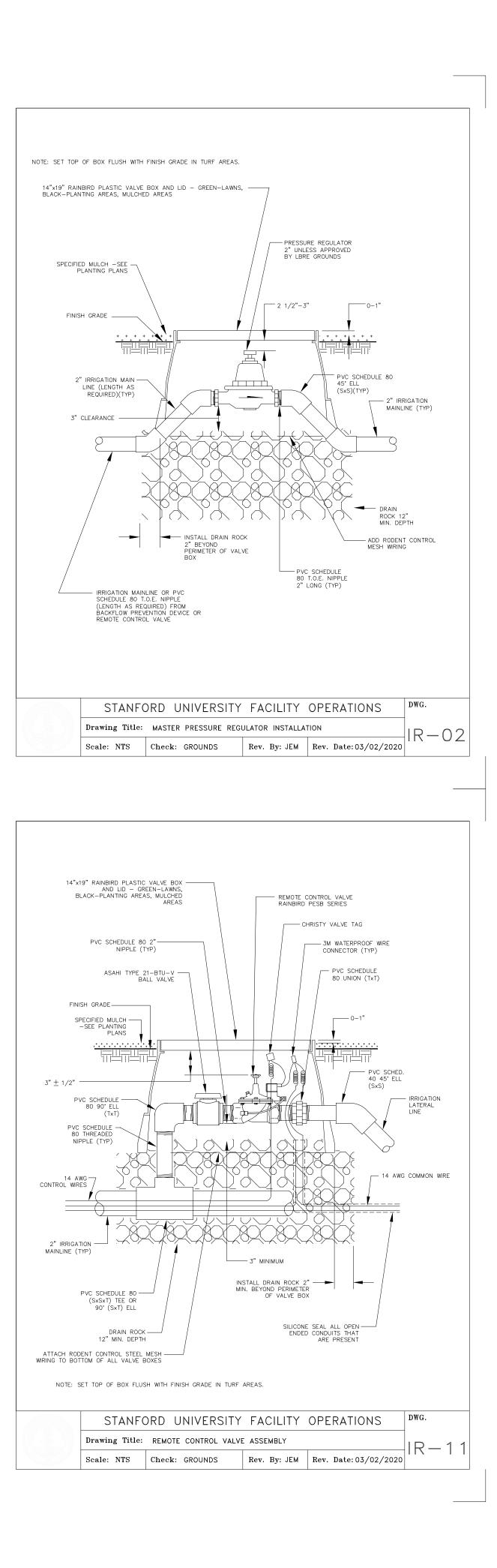




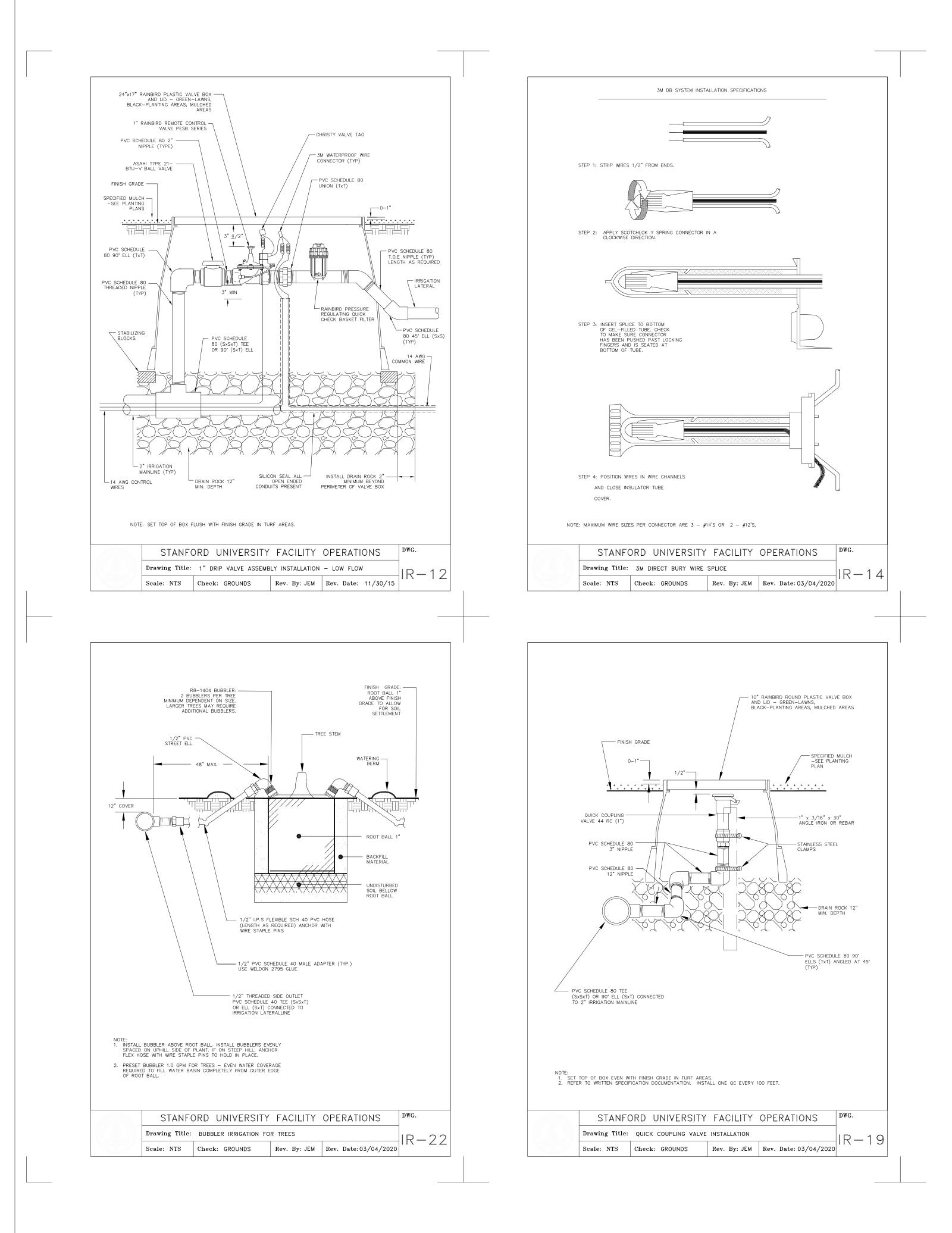


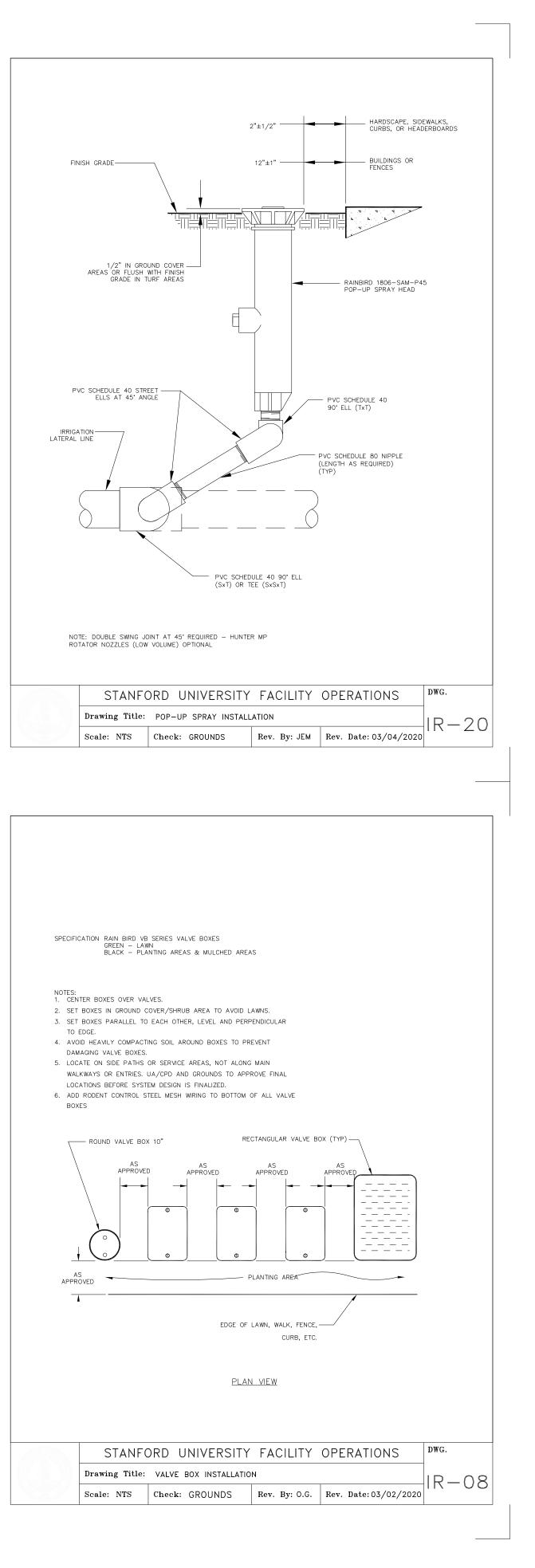


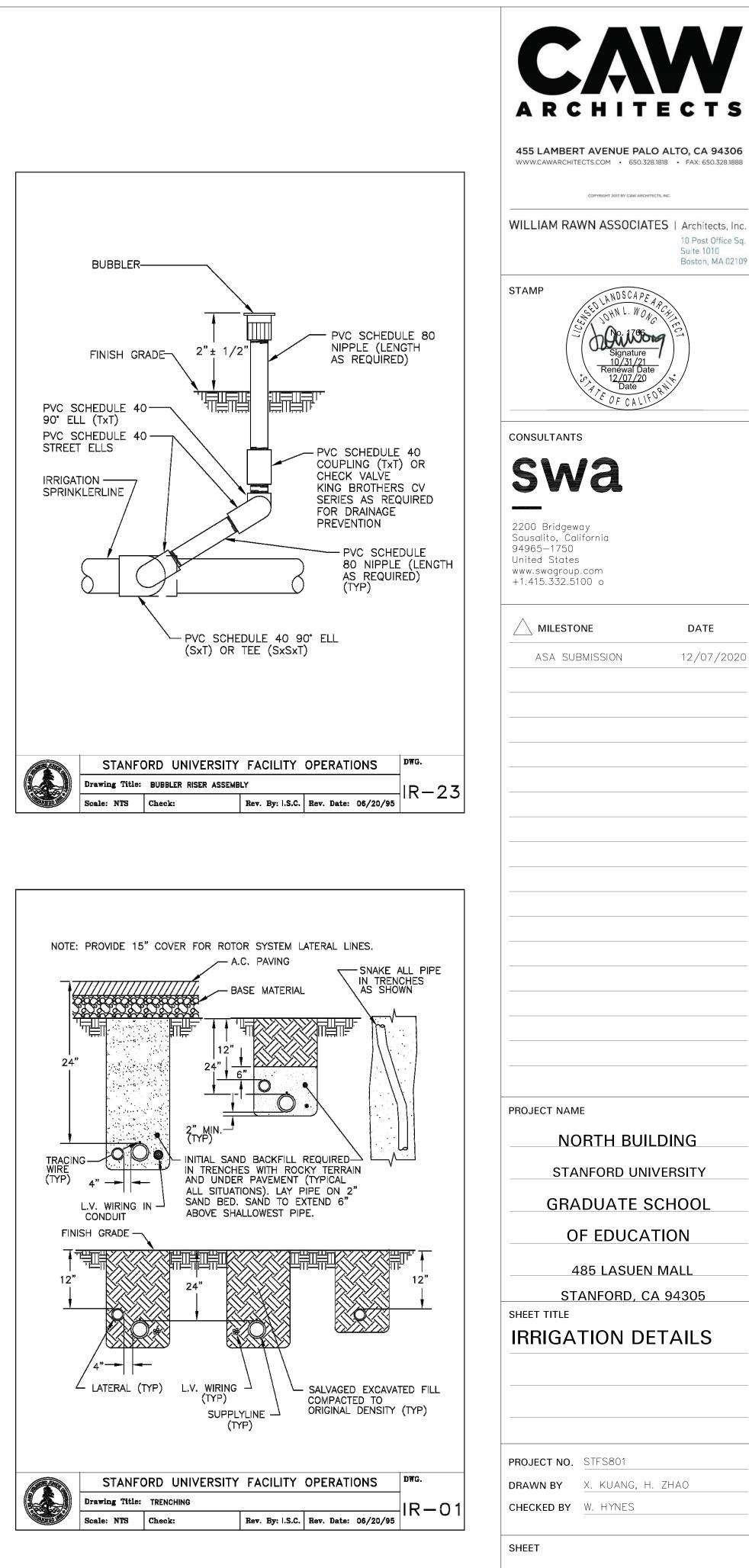




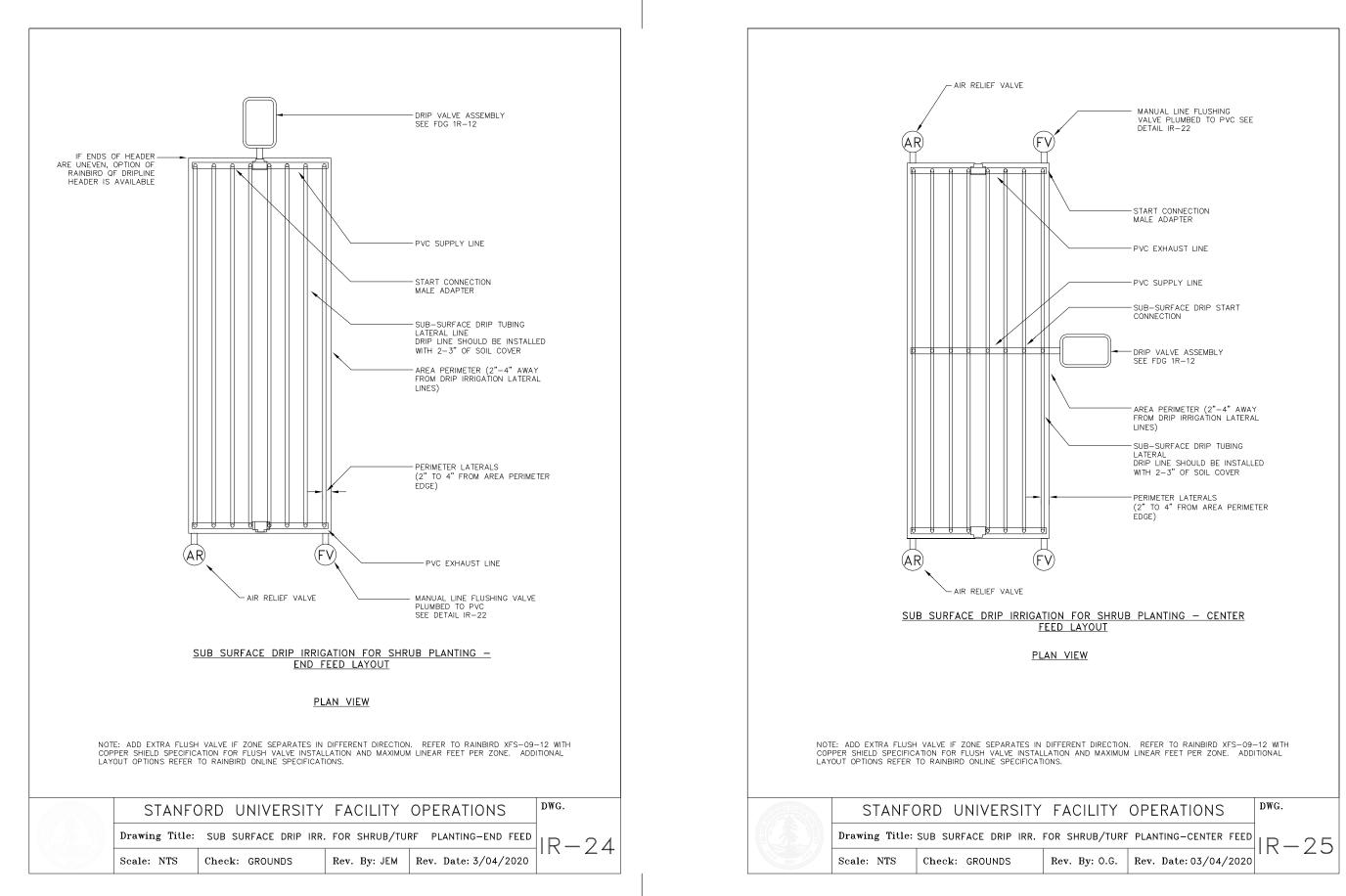
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	Suite 1010 Boston, MA 02109
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Signature	
Renewal Date is 12/07/20 Date FOFCALIFORM	i l
CONSULTANTS	
swa	
2200 Bridgeway Sausalito, California 94965—1750	
94965-1750 United States www.swagroup.com +1.415.332.5100 o	
	DATE
ASA SUBMISSION	12/07/2020
PROJECT NAME	NG
STANFORD UNIVER	
GRADUATE SCH	100L
OF EDUCATIO	DN
485 LASUEN MA	
SHEET TITLE	
PROJECT NO. STFS801	
DRAWN BYX. KUANG, H. ZHCHECKED BYW. HYNES	140
SHEET	
L4.02	







L4.03



WATER USE ESTIMATION - STANFORD, GRADUTE SCHOOL OF EDUCATION												
WATER TYPE	LAKE											-
SITE ETO=	43.4											-
	10/9/2020											
REGULAR LANDSCAPE	AREAS											
HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)		IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
1	SHRUBS/GROUNDCOVER	LOW	0.2	DRIP	0.81	0.247	6,850	1,691	45,511	0.14	60.84	23%
2	SHRUBS/GROUNDCOVER	MOD	0.4	DRIP	0.81	0.494	8,726	4,309	115,950	0.36	155.01	30%
3	SHRUBS	LOW	0.2	BUBBLER	0.81	0.247	740	183	4,917	0.02	6.57	3%
4	TURF	HIGH	0.7	SPRAY	0.75	0.933	2,664	2,486	66,904	0.21	89.44	9%
5	TREES	LOW	0.2	BUBBLER	0.81	0.247	7,000	1,728	46,508	0.14	62.18	24%
i fant			°									

0.494

0.864

998

2,439

493

2,108

6

7

TREES

TREES

MOD

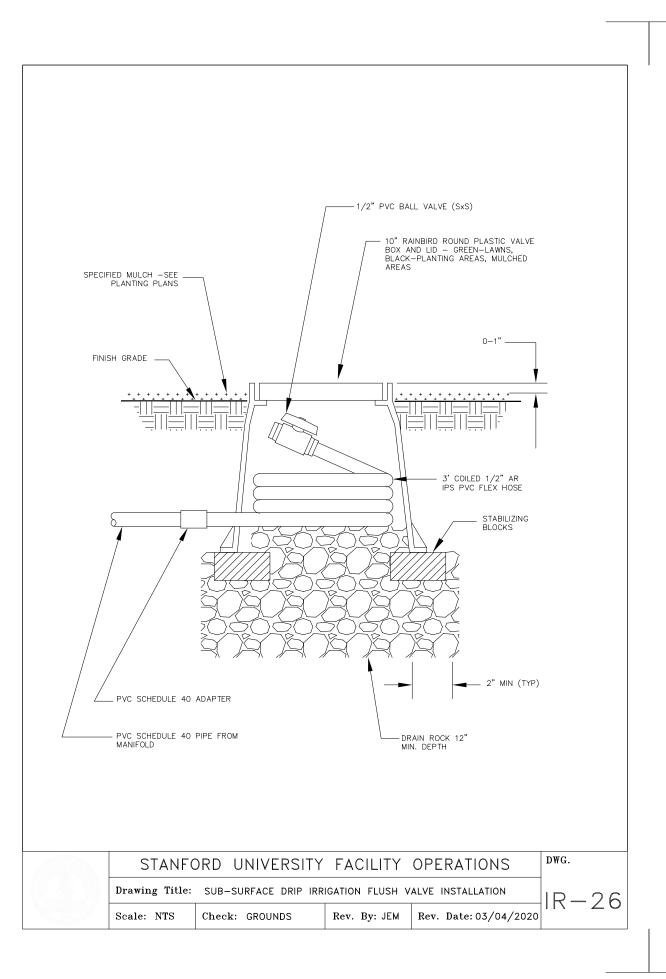
0.4 BUBBLER 0.81

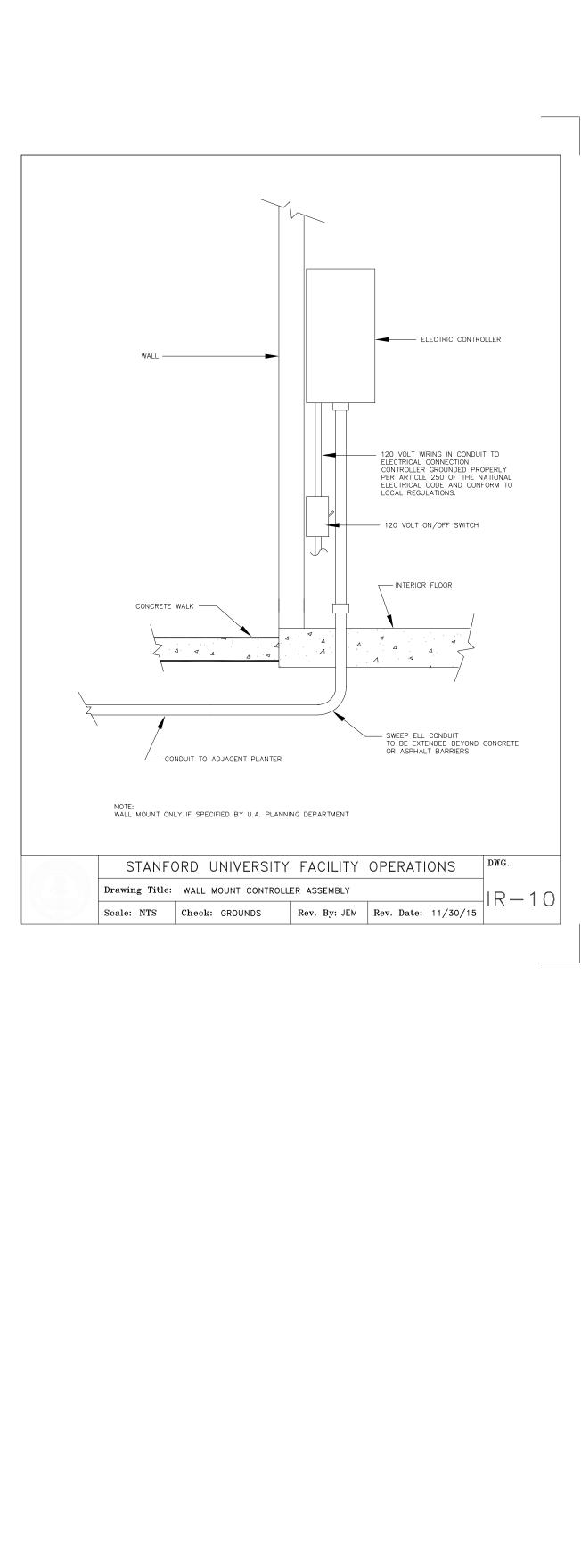
HIGH 0.7 BUBBLER 0.81

		12 M 1 M 12 M 20 M 12 M 12 M 12 M 12 M 1		Debelli				_,	,			
8	WATER FEATURE	HIGH			1	0.700	27					0%
					72	TOTALS	29,444	13,018	350,275	1.07	468.28	100%
PECIAL LANDSCAPE	AREAS											
HYDROZONE #	HYDROZONE NAME											
					1	1						0%
					TOTALS						-	0%
												070
	GALLONS/Y	R	356,526									
MAWA	ACRE FEET/	YR	1.09			MAWA FORMULA			ETWU FORMULA			
	HCF/YR		476.64		MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR				ESTIMATED TOTAL WATER USE (ETWU) GALLONS PE YEAR) GALLONS PEF
					MAWA =	(ETo)(0.62)[(LA x 0.45) +	(0.55 x SLA)]		Ŭ	ETWU= ((ET	O)(.62)(ETAF >	k LA))
	GALLONS/Y	R	350,275		ETo = REFI	ERENCE EVAPOTRANSI	PIRATION		ETo = REFE		POTRANSPIR	ATION
ETWU	ACRE FEET/	YR	1.07		0.55= ET A	DJUSTMENT FACTOR			PF = PLANT	FACTOR FO	OR HYDROZOI	NES
	HCF/YR		468.28		LA=LANDS	CAPED AREA (SQUARE	FEET)		HA = HYDRO	DZONE ARE	A (SQ.FT)	
					0.62 = CON	VERSION FACTOR (GAL	LONS/SQ.FT/YR)	0.62 = CON	/ERSION FA	CTOR (GALLO	NS/SQ.FT/YR
SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT							IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRI		JBBLER/DRIP	
80.5%	0.35	YES							IE = IRRIGAT		ENCY (0.75)-RC	OTORS/SPRA
ETAF	Calculations											
EGULAR LANDSC												
OTAL ETAF x AREA	13,018											
TOTAL AREA	29,444											
AVG. ETAF	44.21%											

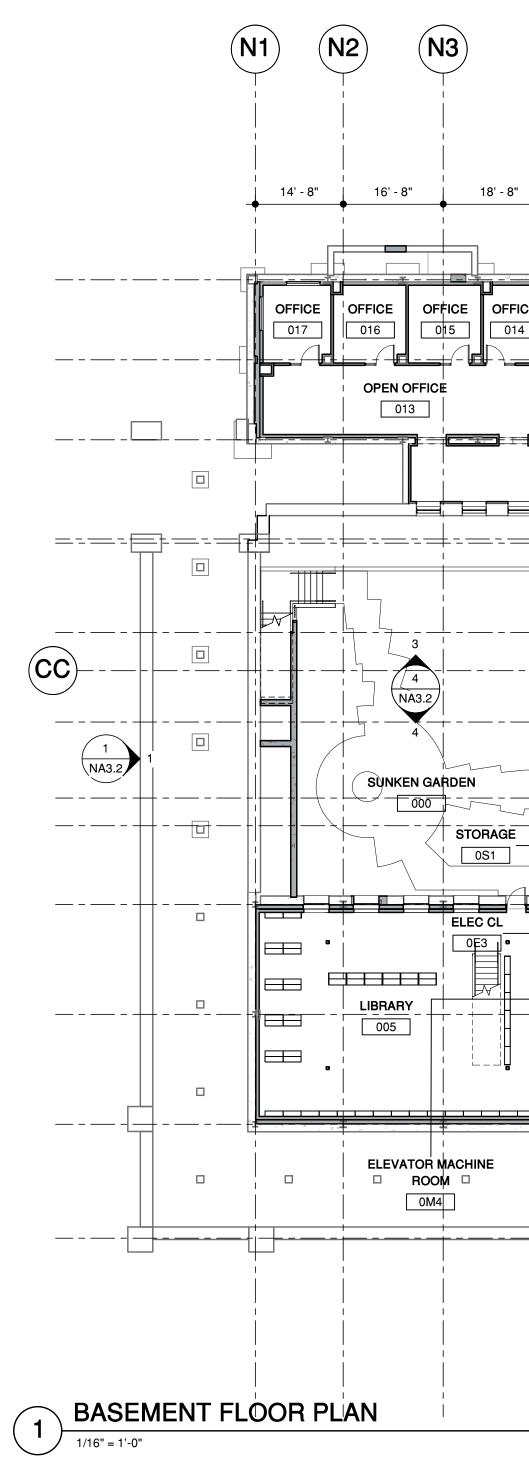
		OPERATIONS	DWG.
P IRR.	FOR SHRUB/TURF	PLANTING-CENTER FEED	IR = 25
5	Rev. By: O.G.	Rev. Date: 03/04/2020	

50,275	1.07	468.28	100%
			0%
6,716	0.17	75.82	8%
3,261	0.04	17.73	3%





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ASA SUBMISSION	12/07/2020
NORTH BUIL	
GRADUATE S	
OF EDUCAT	
485 LASUEN	MALL
STANFORD, CA	4 94305
IRRIGATION DE	TAILS
PROJECT NO. STFS801 DRAWN BY X. KUANG, H. CHECKED BY W. HYNES	ZHAO
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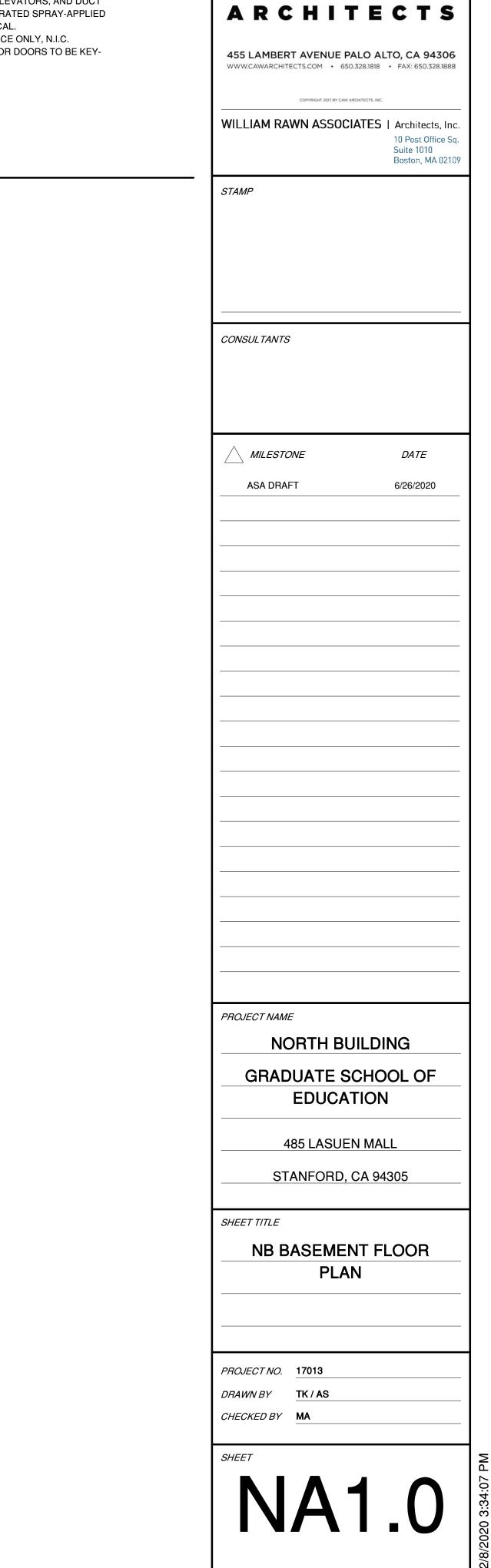
N4 N5		N10 N11 N12	N13N14	N15 N16 N17) N18 N19	
' 14' - 6 1/2" 11' - 2	1/2" 7' - 8 1/2" 18' - 11" 8' - 11" 10	' - 0" 8' - 5" 10' - 6" 11'	' - 3 1/2"7' - 7 1/2" 14' - 6 1/	/2"1' - 2" 17' - 6"	16' - 8" 14' - 8"	
						(NN)
VESTIBULE 0V2 0V2 034B		STORAGE STORAGE		VESTIBULE		
OPEN OFFICE	WOOD SHOP	JMBING OP1				"16' - 6 3/4"
		╮ │ ║ ♠─₩───┼ ──				
CLASSROOM			0S5 COLLECTION TUDIO 032		2. (2) NA3.2	
		34A EDUCATION LA RECEPTION 034				
			EEG SECURE DATA 036 042			
	OOM HIBRARY STACKS 041	A INTERVIEW 037		MECHANICAL OM1		18
			MECHANICAL		EMERGENCY POWER	
─────────────────────────────────────						NA
	3 NA3.1		2 NA3.1			

FLOOR PLAN LEGEND

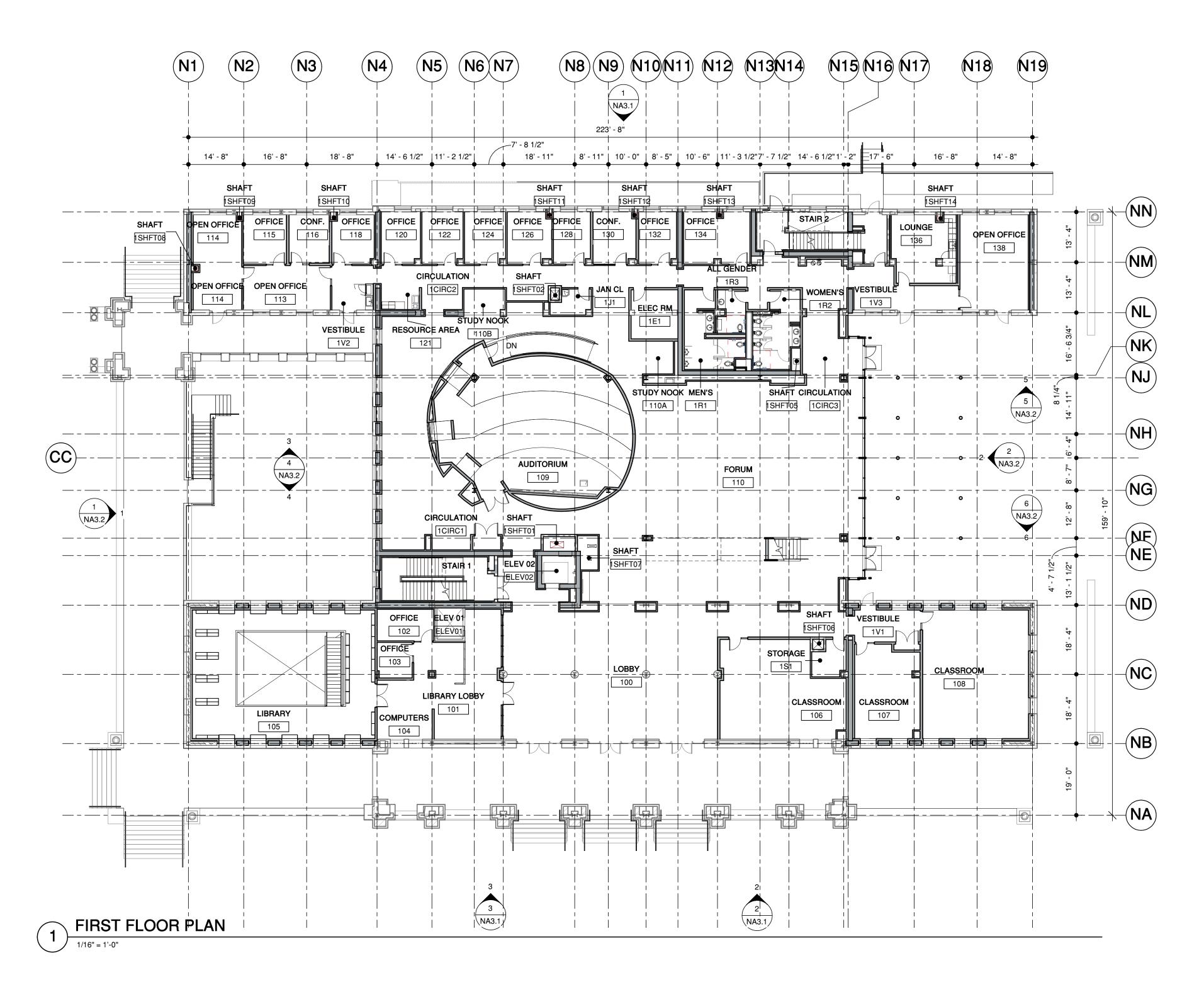
EXISTING WALL

NEW WALL

- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, 1. TO RECEIVE NEW FURRING, U.O.N. COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT 2. SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED
- FIREPROOFING OR GYPSUM BOARD, TYPICAL. LOOSE FURNITURE SHOWN FOR REFERENCE ONLY, N.I.C. 3.
- ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-4. CARD ACCESS DOORS





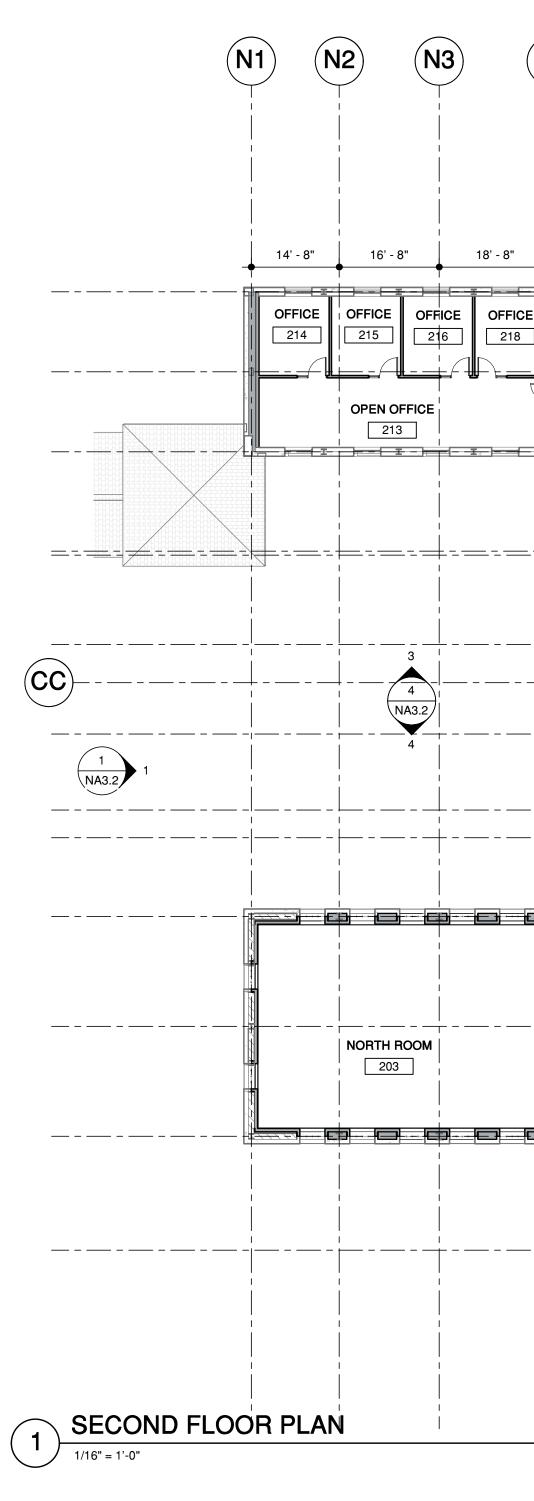


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- ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-4. CARD ACCESS DOORS

FLOOR PLAN LEGEND

EXISTING WALL
NEW WALL

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STAMP	
CONSULTANTS	
	DATE
ASA DRAFT	6/26/2020
PROJECT NAME NORTH B	UILDING
GRADUATE	
EDUCA	TION
485 LASUE	EN MALL
STANFORD	, CA 94305
SHEET TITLE	
NB FIRST FL	OOR PLAN
PROJECT NO. 17013 DRAWN BY TK / AS	



		B)(N9)(N10)(N11)	N12 N13N14	N15 N16 N17	N18 N1	9
		1 NA3.1 1				
		3' - 11" 10' - 0" 8' - 5" 10'	- 6" 11' - 3 1/2"7' - 7 1/2" 14' - 6	6 1/2" 1' - 2" 17' - 6"	16' - 8" 14' - 8"	
E OFFICE OFFICE (OFFICE OFFICE OFFICE		FICE 5TAIR 2	OFFICE OFFICE	OFFICE OFFICE 242 244	
	CIRCULATION PHONE B				PEN OFFICE	13' - 4"
	OFFICE 2SHFT03 PERAK	102				- 6 3/4"
			N CL TELECOM SECOND FLC			- 11" 16'
	211 CIRCULATION 2CIRC3 2CIRC3 Le GENDER WOMEN'S MEN'S 2R1 2R3 2R1 2R3 2R1				• NA3.2	5 0 14
		SHAFT 2SHFTD1 CONF.			• 2 NA3.2	
OFFICE 210						
						13' - 11/2
EGRESS'VESTIBUL						18' - 4"
					DUTH ROOM	18' - 4"
					+	
	3 NA3.1					

- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, 1. TO RECEIVE NEW FURRING, U.O.N. COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT 2.
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- ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-4. CARD ACCESS DOORS

FLOOR PLAN LEGEND

NEW WALL

EXISTING WALL

· — - —(NN) ----(NM) (NL)

> NK (NJ)

— - - (NH)

 \sim - - ----—--(NG)

—--(NE) —--(NE)

· — - — (ND)

—--(NC)

----**NB**

—--(NA)

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DATE

6/26/2020

STAMP

CONSULTANTS

MILESTONE

ASA DRAFT

PROJECT NAME

NORTH BUILDING

GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

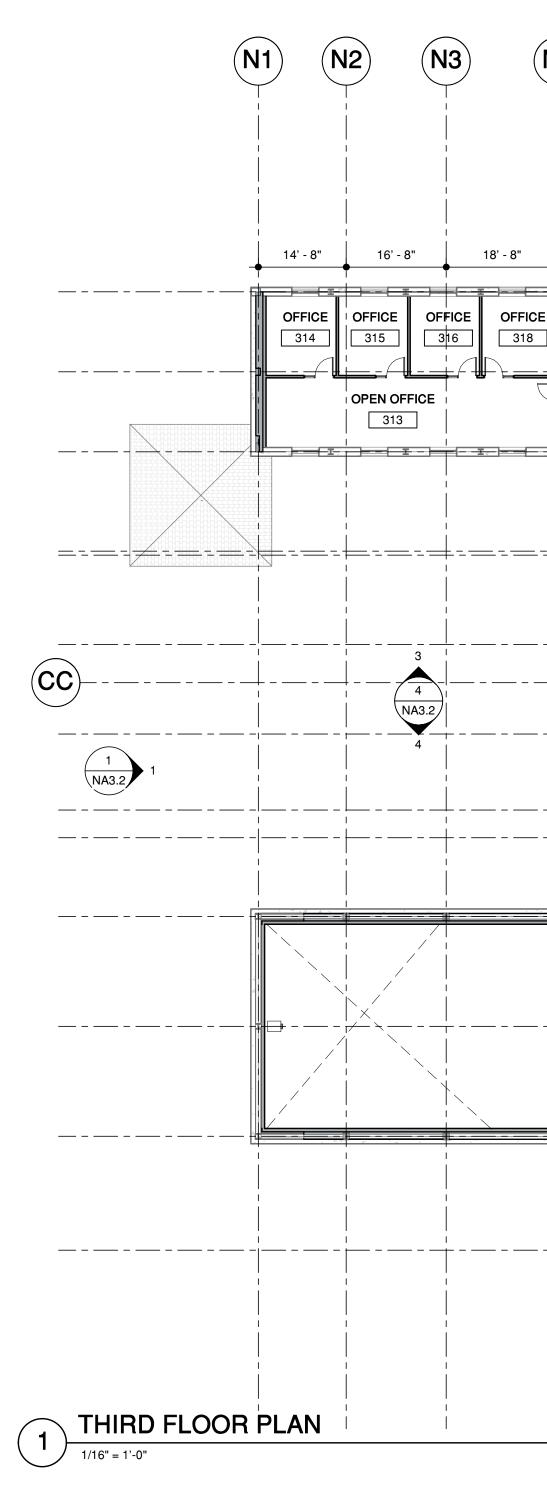
SHEET TITLE

NB SECOND FLOOR PLAN

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

SHEET NA1.2





N4	N5	N6 N7	N8) (N9) N10N11	N12 (N	13N14	N15 N16 N	17 N18) (N19	9	
		 7' - 8 ⁻									
	6 1/2" 11' - 2	╺ ╺ ╺ ╴╵╺	8' - 11" 8' - 11" E OFFICE OFFIC	• • 		'7' - 7 1/2" 14' - 6 1	┍╸ ══╬╏┎═╞╼═┎╦╞═	┿ ╪ ╴╤╴╞═ ┽ <u></u> ╉	14' - 8"		— NN
		324 326	328 330 PHONE BOOTH PH	332 ONE BOOTH		WELLNESS				4"	— - — NM
			329					OPEN OFFICE 337			—(NL)
						CONF.			 	16' - 6 3/4"	
	N OFFICE	OFFICE							5 NA3.2	8 1/4" 14' - 11"	<u> </u>
 								$\begin{vmatrix} & & \\ & & \\ & & \\ \\ & \\ \\ & \\ \\ & & \\ \\ & \\ \\ & \\ \\ & \\ \\ & \\ \\ & \\ \\ & \\ \\ & \\ \\ & \\ \\ \\ & \\ \\ \\ & \\ \\ \\ & \\ \\ \\ & \\$	2 NA3.2	- 7" - 6' - 4"	— - — (NH)
			306 CONF. 305					 + + + !	6 NA3.2	12, - 8 - 8 	NG
	309		ELEV 02	└──── ╔ ╾╌╾╾ ──────── ┍───────		<u> </u> - 		<u>↓</u> + + + + + + +		1/2"	NE
	STORAGE									13' - 11	—(ND)
										18' - 4"	\bigcirc
	 								— – — — ■ • –	,80 	(NC)
					 	 					—(NB)
										19' - 0"	
								· + - + - + - + - + - + - + - +		 	—(NA)
 		3 NA3.1									

- 1. ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, TO RECEIVE NEW FURRING, U.O.N. 2. COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED
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- CARD ACCESS DOORS

FLOOR PLAN LEGEND

NEW WALL

EXISTING WALL

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CONSULTANTS

MILESTONE

ASA DRAFT

6/26/2020

DATE

PROJECT NAME NORTH BUILDING GRADUATE SCHOOL OF EDUCATION

485 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

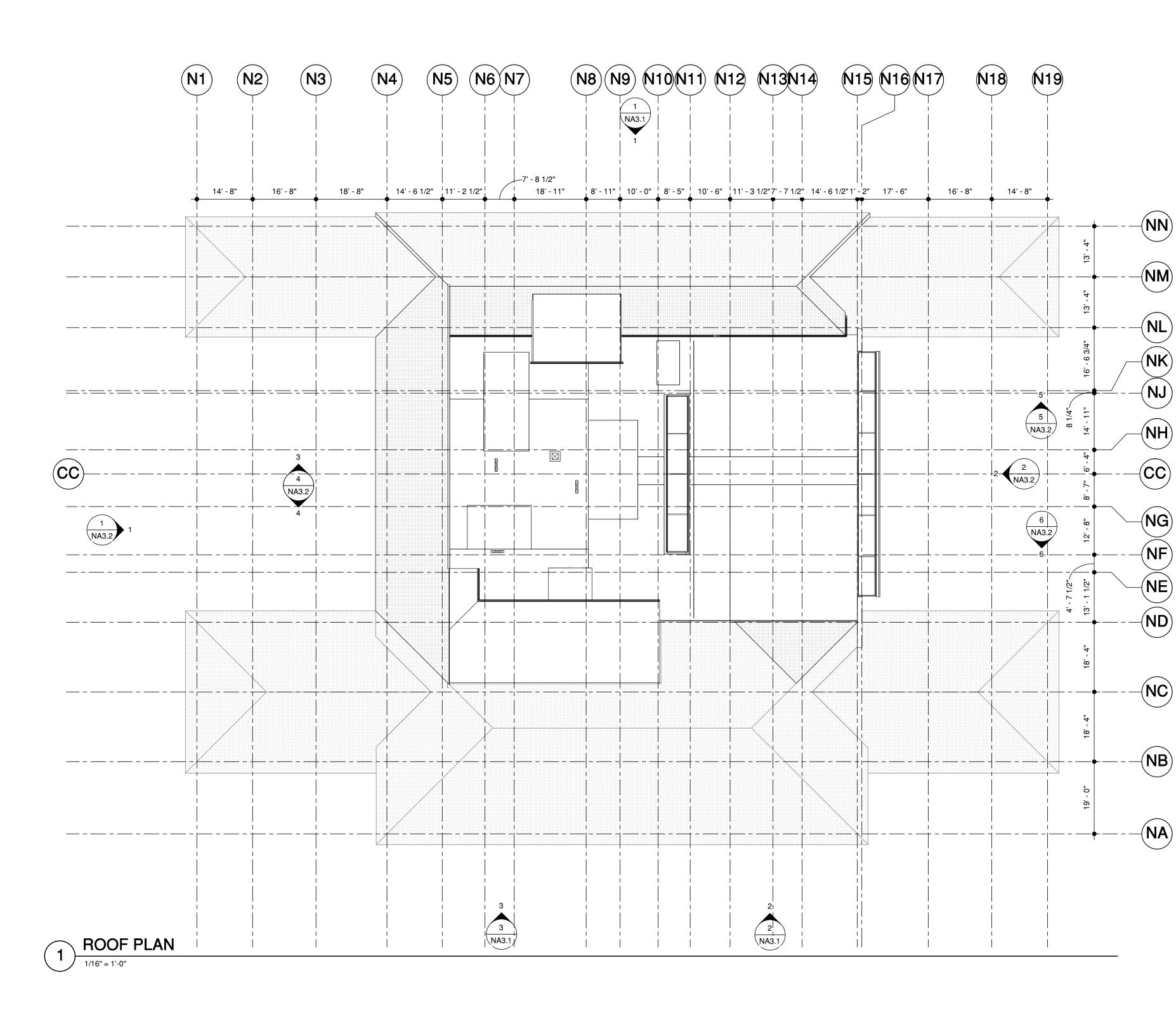
NB THIRD FLOOR PLAN

PROJECT NO. 17013 DRAWN BY TK / AS

CHECKED BY MA







- ALL COLUMNS AND CONCRETE WALLS, BOTH EXISTING AND NEW, 1. TO RECEIVE NEW FURRING, U.O.N. COLUMNS AND BEAMS AROUND STAIRS, ELEVATORS, AND DUCT 2. SHAFTS TO BE PROTECTED WITH 1-HOUR RATED SPRAY-APPLIED
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- ALL FIRST FLOOR AND BASEMENT EXTERIOR DOORS TO BE KEY-4. CARD ACCESS DOORS

FLOOR PLAN LEGEND	
EXISTING WALL	
	CONSULTANTS
	<u> </u>
	MILESTONE DATE
	NORTH BUILDING
	GRADUATE SCHOOL OF EDUCATIO
	485 LASUEN MALL
	STANFORD, CA 94305
	SHEET TITLE
	NB ROOF PLAN
	PROJECT NO. 17013 DRAWN BY TK / AS
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	SHEET
	SHEET NA1.4

ARCHITECTS

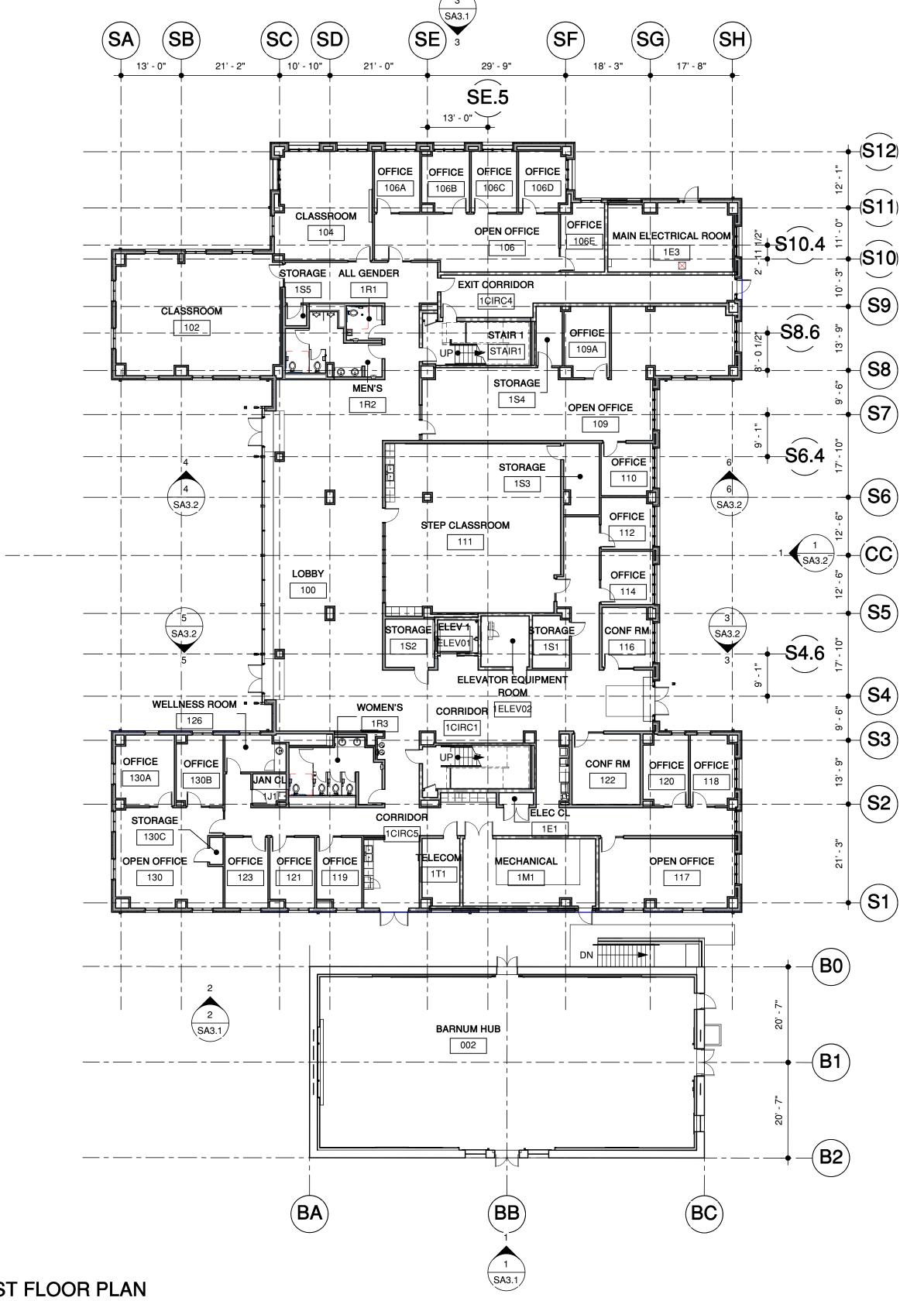
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(SG)

(SH)

(SF)

FIRST FLOOR PLAN

(SA)

(SB)

(SC)

(SD)

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 2. 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

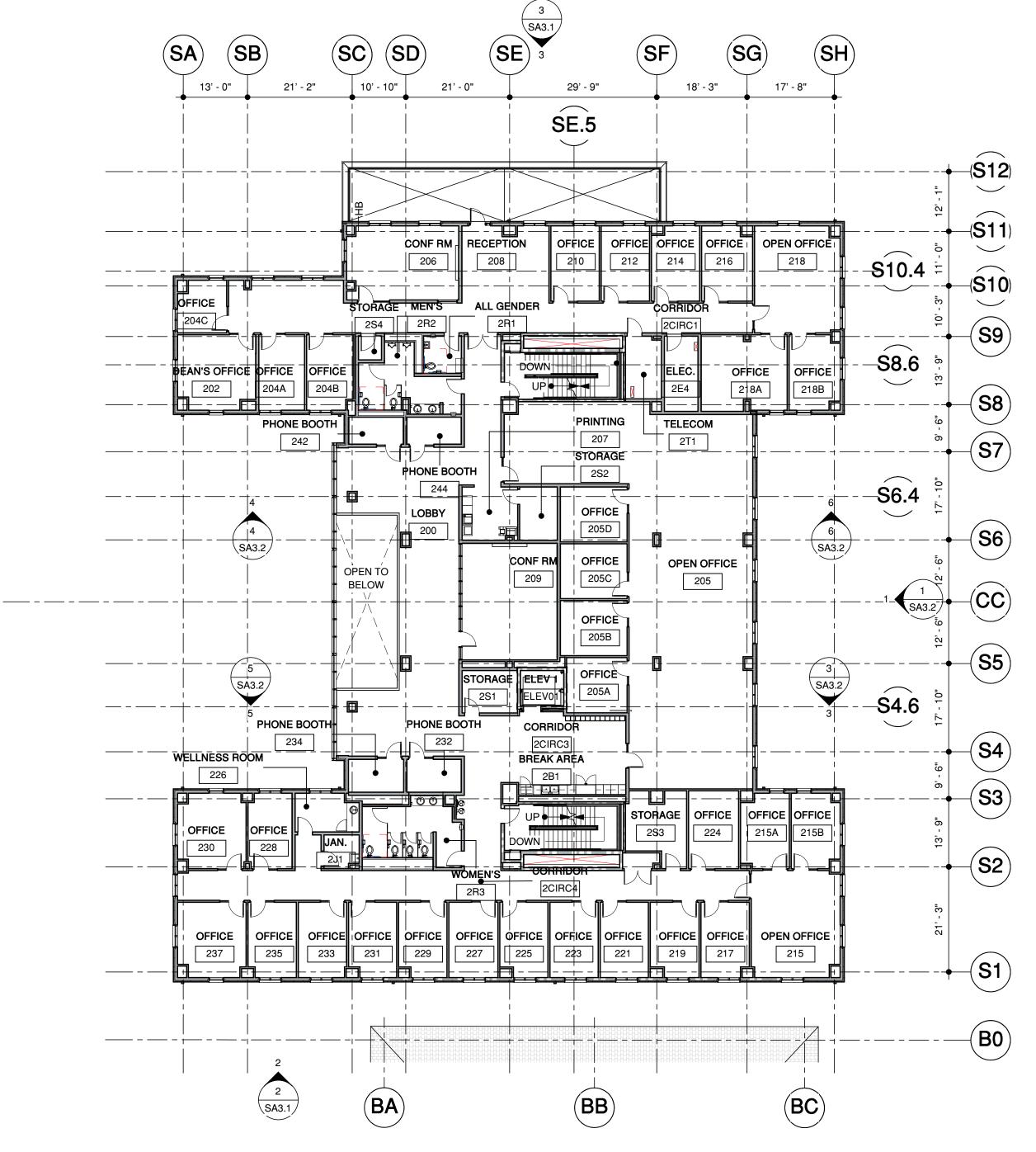
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CONSULTANTS
MILESTONE DATE
ASA DRAFT 6/26/2020
PROJECT NAME SOUTH BUILDING
GRADUATE SCHOOL OF EDUCATION
505 LASUEN MALL
STANFORD, CA 94305
SHEET TITLE SB FIRST FLOOR PLAN
PROJECT NO. 17013 DRAWN BY TK / AE
CHECKED BY MG / MA SHEET
SA1.1











- 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



RATED WALL

CEMENT PLASTER WALL

(E) WALL



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6/26/2020

DATE

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

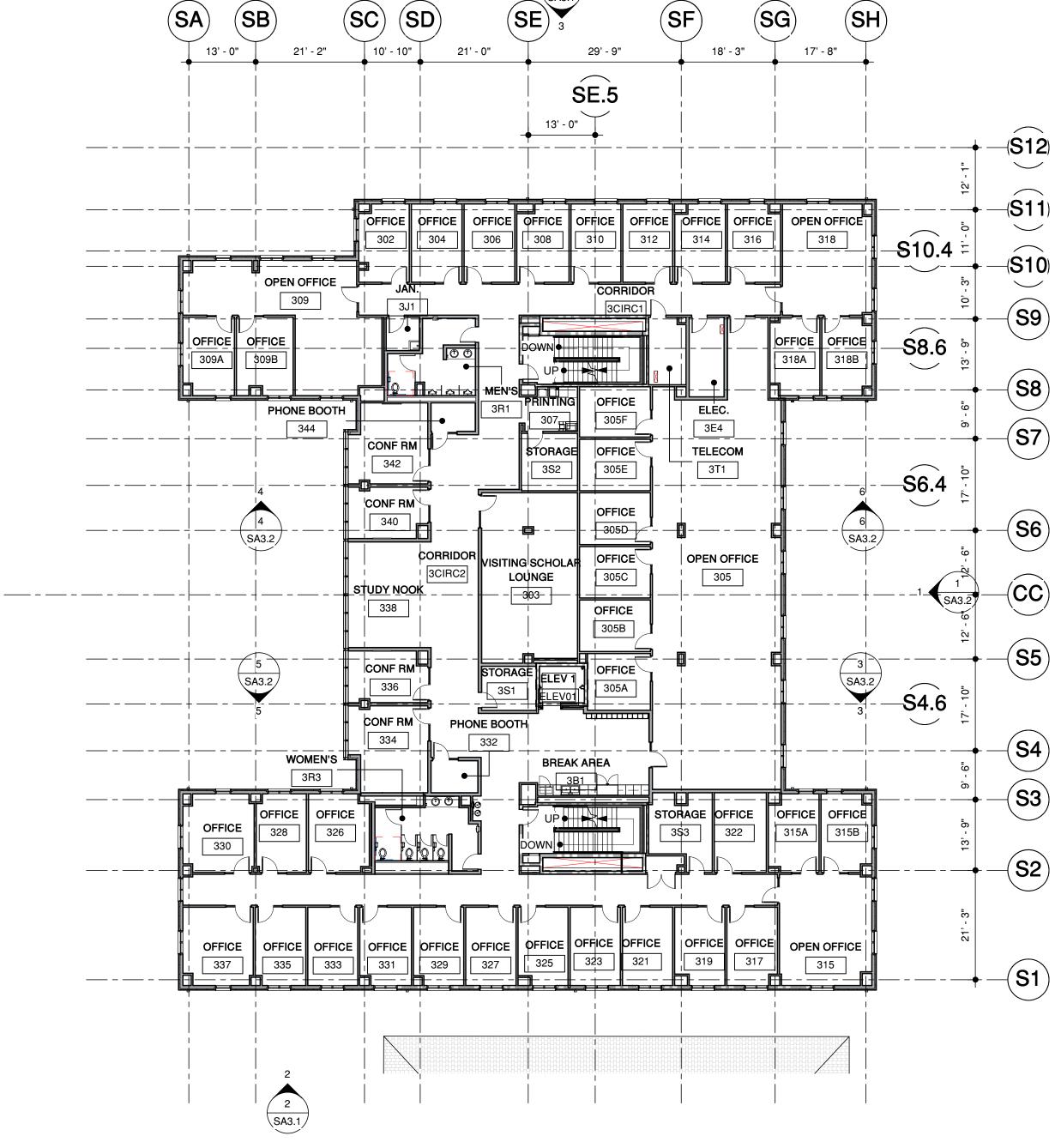
SB SECOND FLOOR PLAN

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

SHEET SA1.2







SA3.1

THIRD 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



RATED WALL

CEMENT PLASTER WALL

(E) WALL



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PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

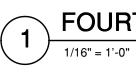
SB THIRD FLOOR PLAN

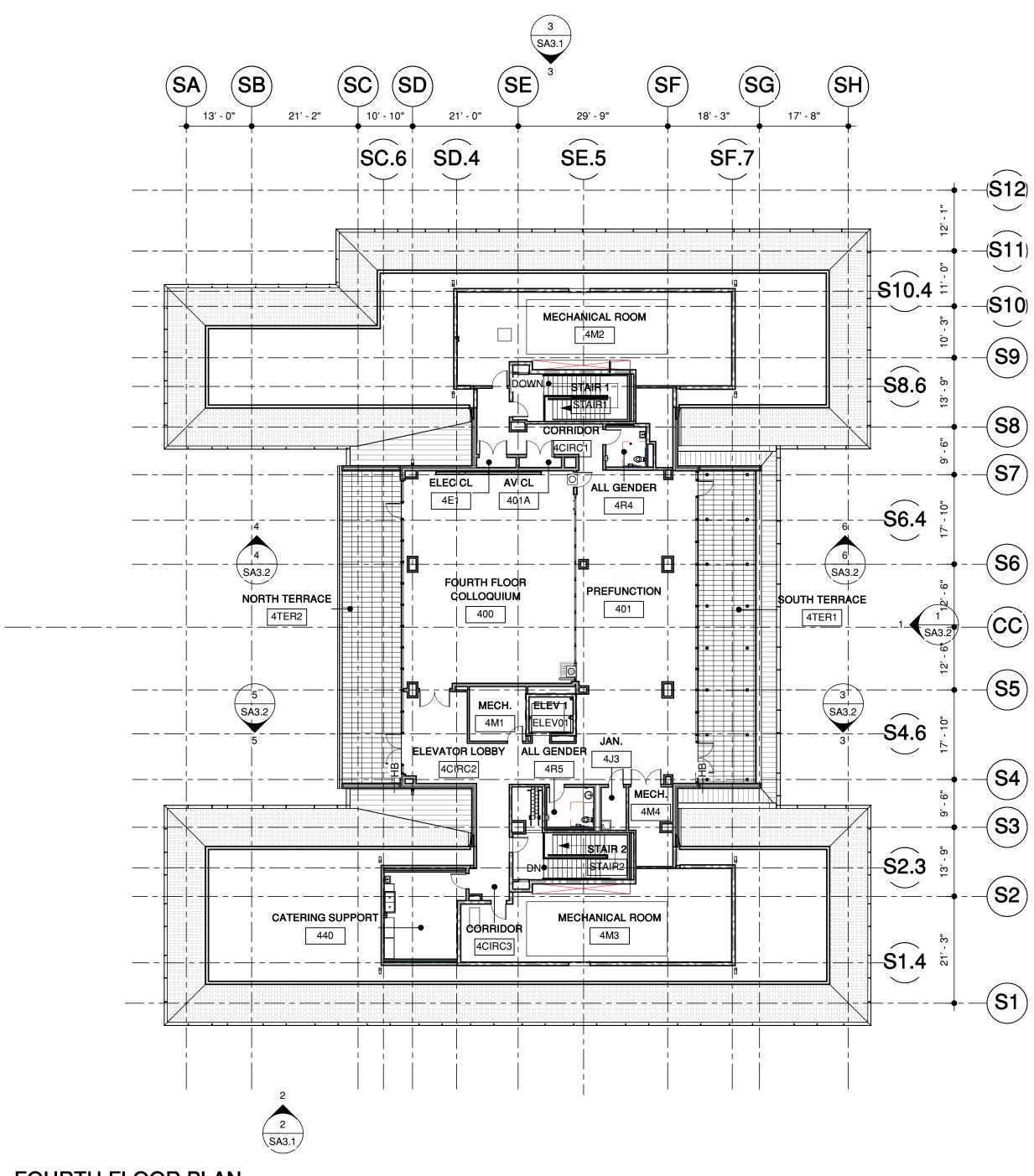
PROJECT NO. 17013

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SHEET SA1.3

2/8/2020





FOURTH FLOOR PLAN



GENERAL NOTES

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

FLOOR PLAN LEGEND



CEMENT PLASTER WALL

(E) WALL



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CONSULTANTS

MILESTONE

ASA DRAFT

6/26/2020

DATE

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 LASUEN MALL

STANFORD, CA 94305

SHEET TITLE

SB FOURTH FLOOR PLAN

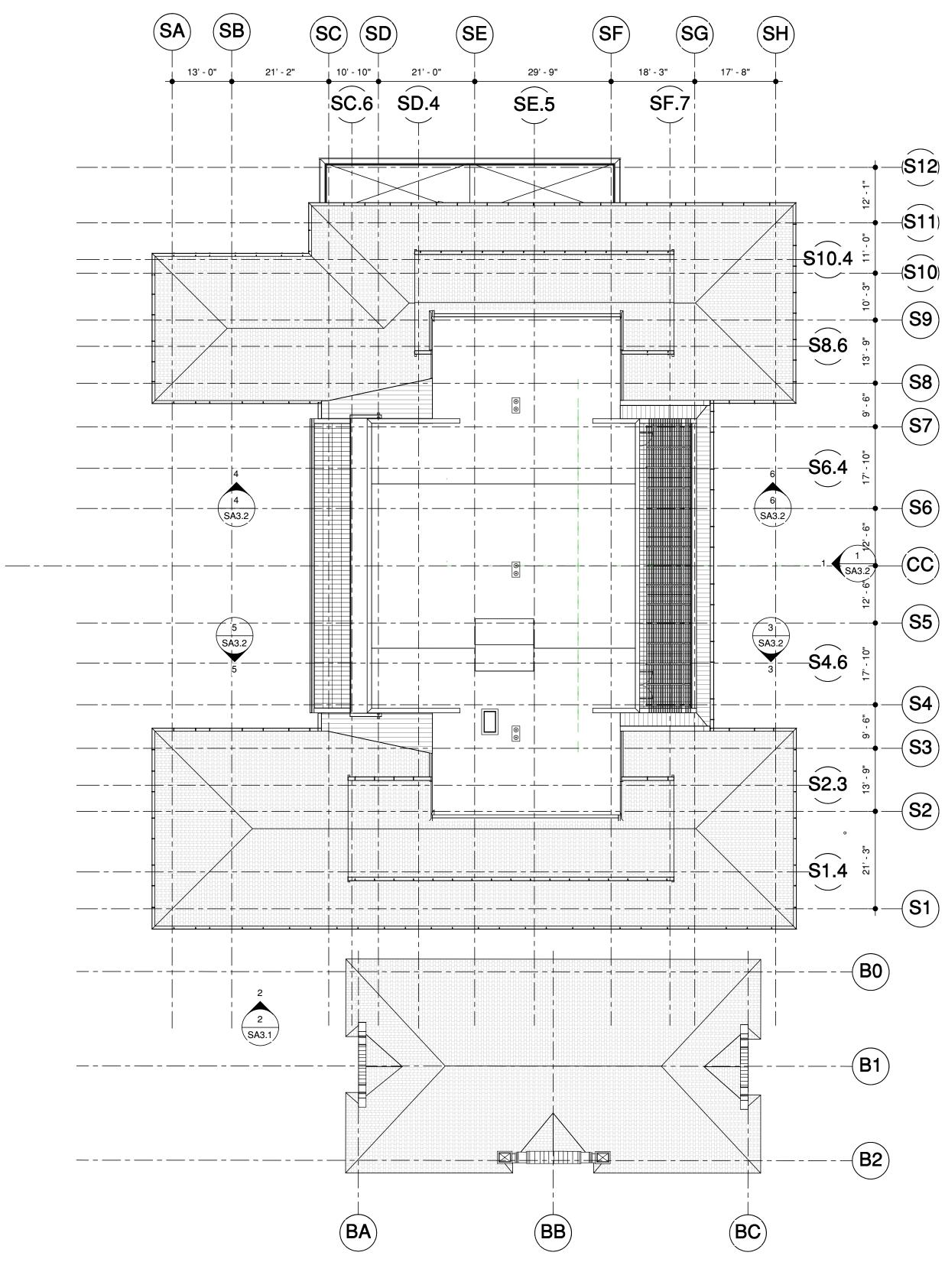
 PROJECT NO.
 17013

 DRAWN BY
 TK / AE

 CHECKED BY
 MG / MA

SHEET SA1.4





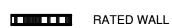
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GENERAL NOTES

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

NON-RATED WALL OR PARTITION



CEMENT PLASTER WALL

(E) WALL



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CONSULTANTS

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ASA DRAFT

6/26/2020

DATE

PROJECT NAME

SOUTH BUILDING

GRADUATE SCHOOL OF EDUCATION

505 LASUEN MALL

STANFORD, CA 94305

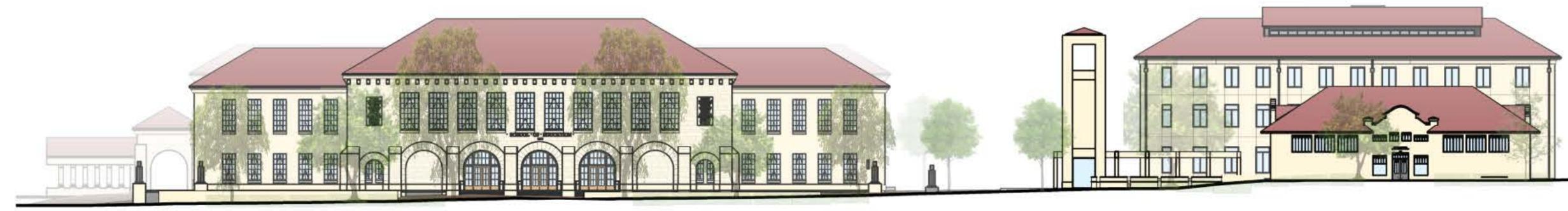
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SB ROOF PLAN

PROJECT NO. 17013 DRAWN BY TK / AE

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NORTH BUILDING





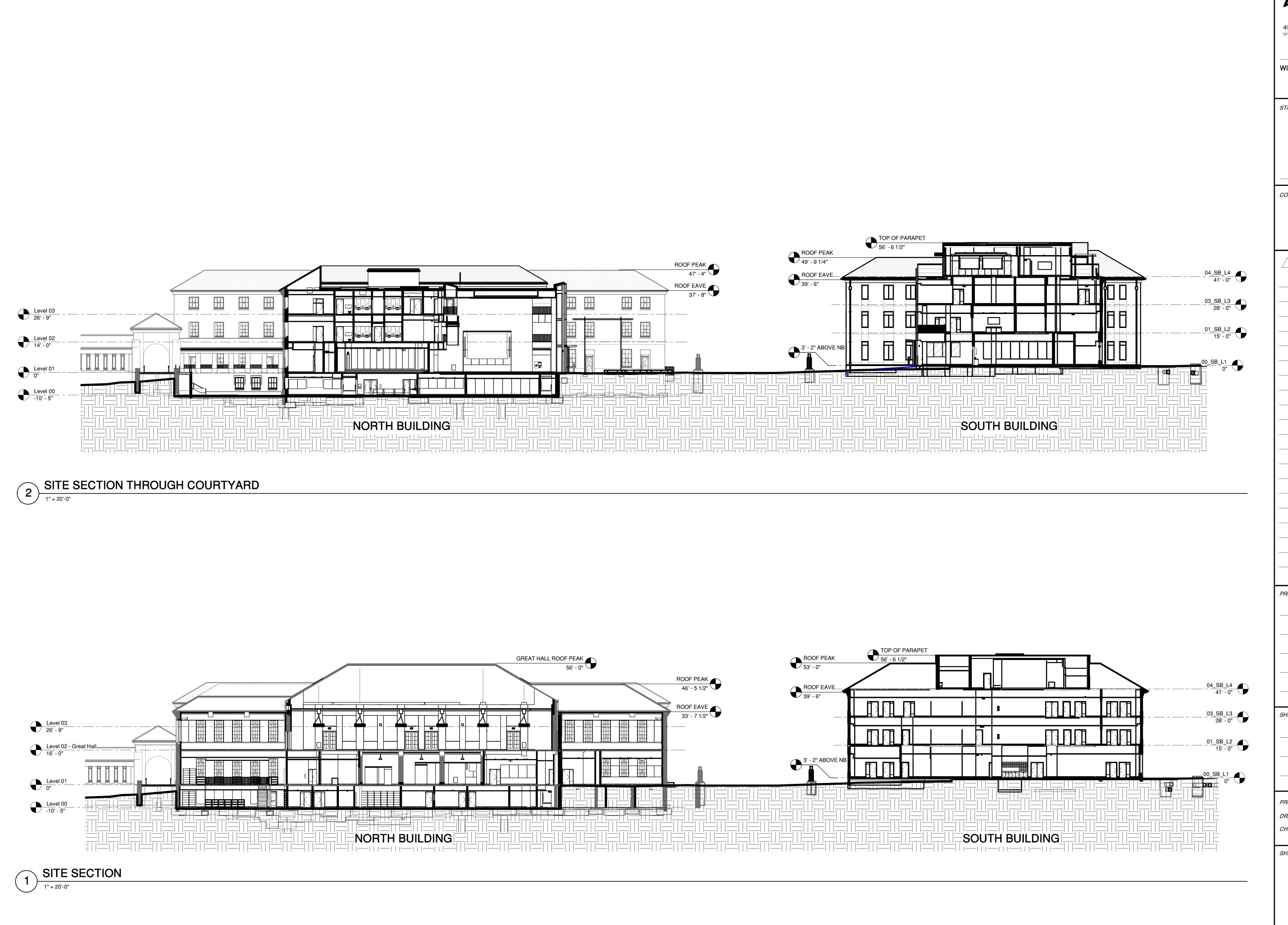
SOUTH BUILDING



NORTH BUILDING

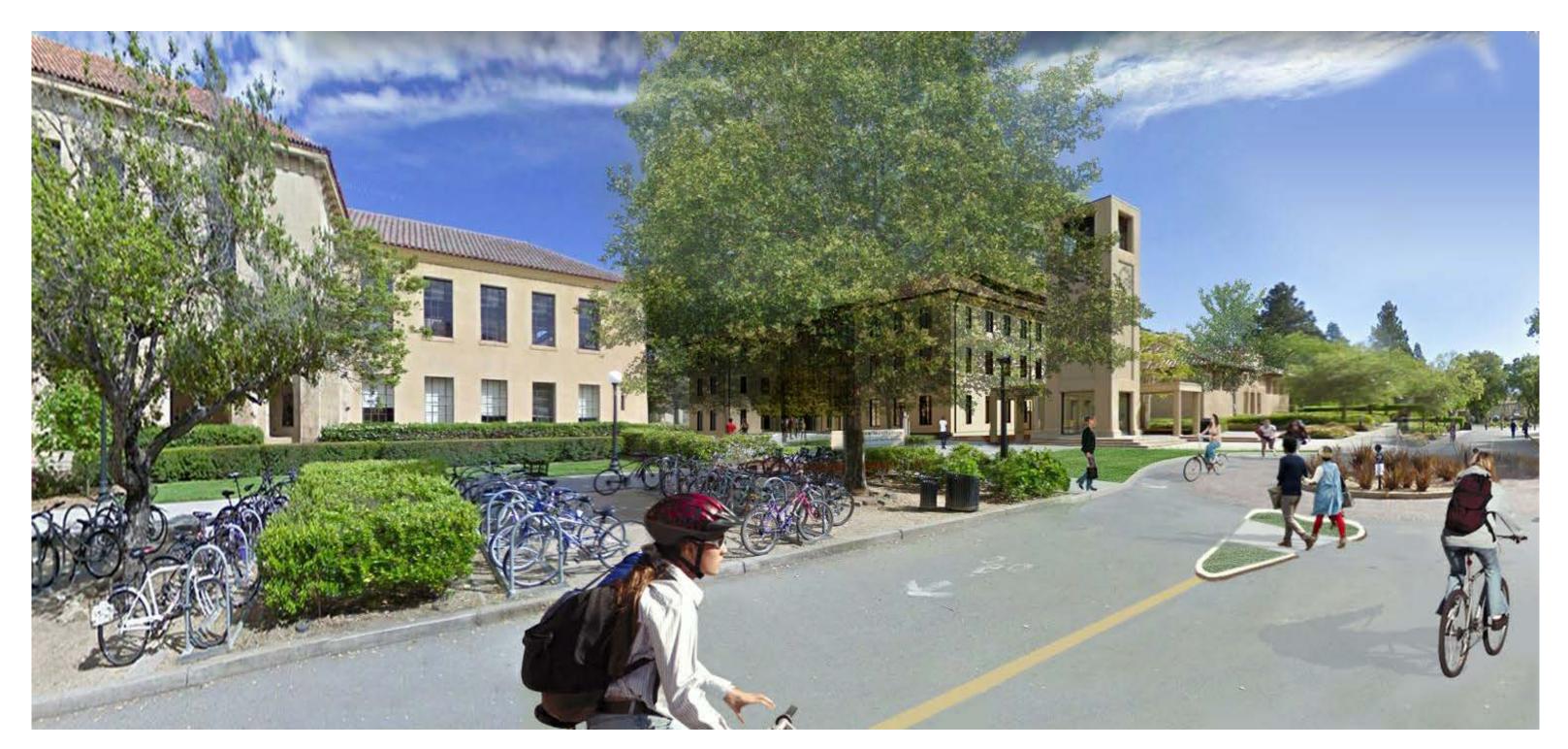
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ARCHITECTS
455 LAMBERT AVENUE PALO ALTO, CA 94306 WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888
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PROJECT NAME
GRADUATE SCHOOL OF EDUCATION
485 LASUEN MALL
STANFORD, CA 94305
SITE ELEVATIONS
PROJECT NO.17013DRAWN BYTK / ASCHECKED BYMA
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ASA SUBMISSION 12/07/2020
PROJECT NAME
GRADUATE SCHOOL OF
EDUCATION
485 LASUEN MALL
STANFORD, CA 94305
SHEET TITLE
SITE SECTIONS
PROJECT NO. 17013 DRAWN BY TK / AS
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2. VIEW FROM MEYER GREEN



4. NORTH BUILDING COURTYARD

1. ALONG LASUEN MALL

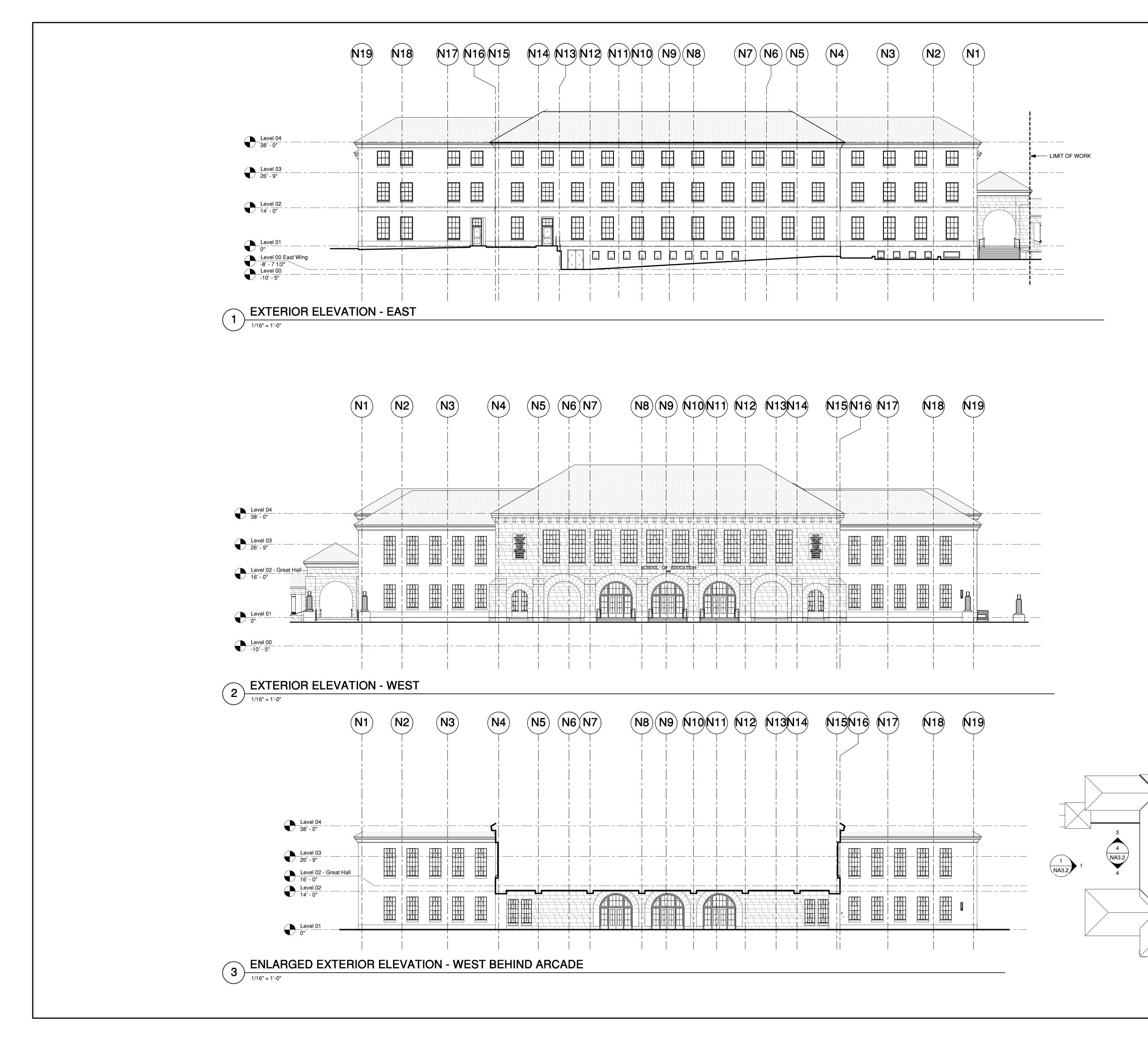


3. VIEW FROM TOWN CENTER

5. SOUTH BUILDING COURTYARD

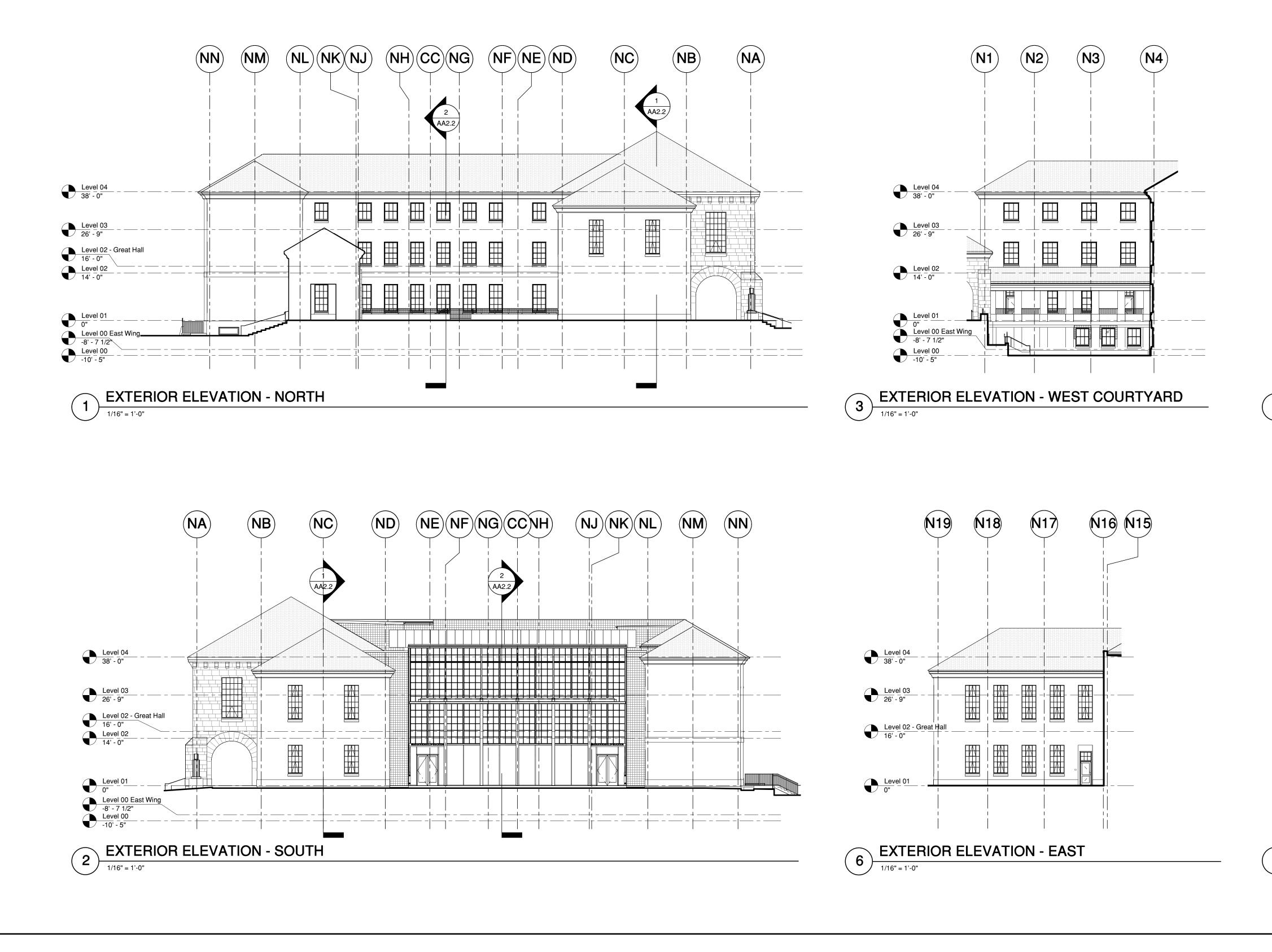
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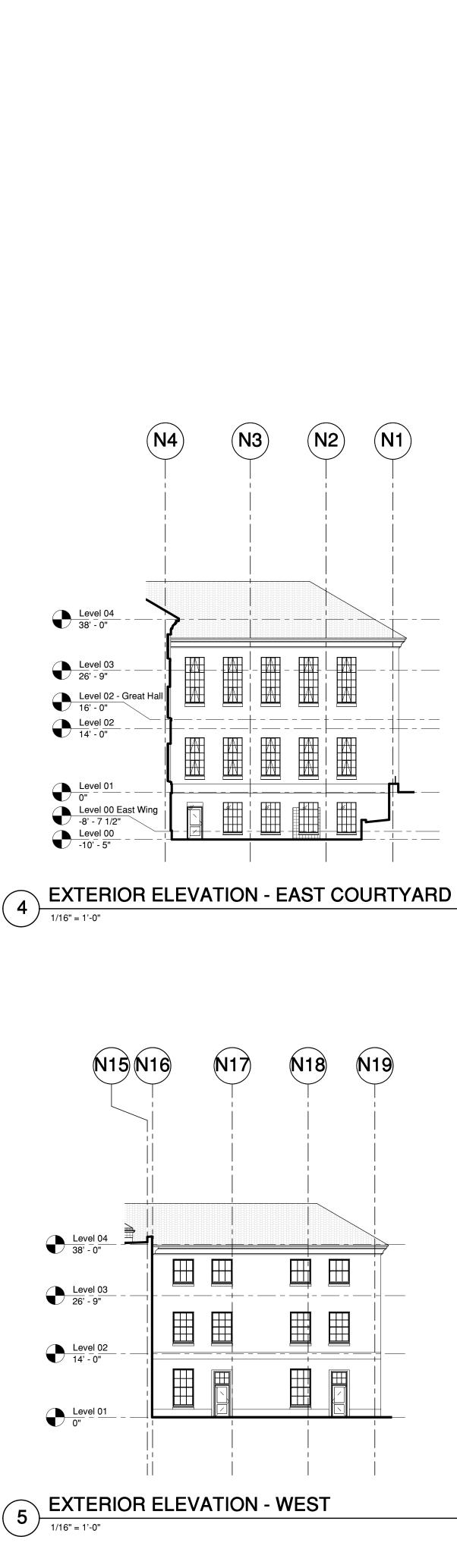


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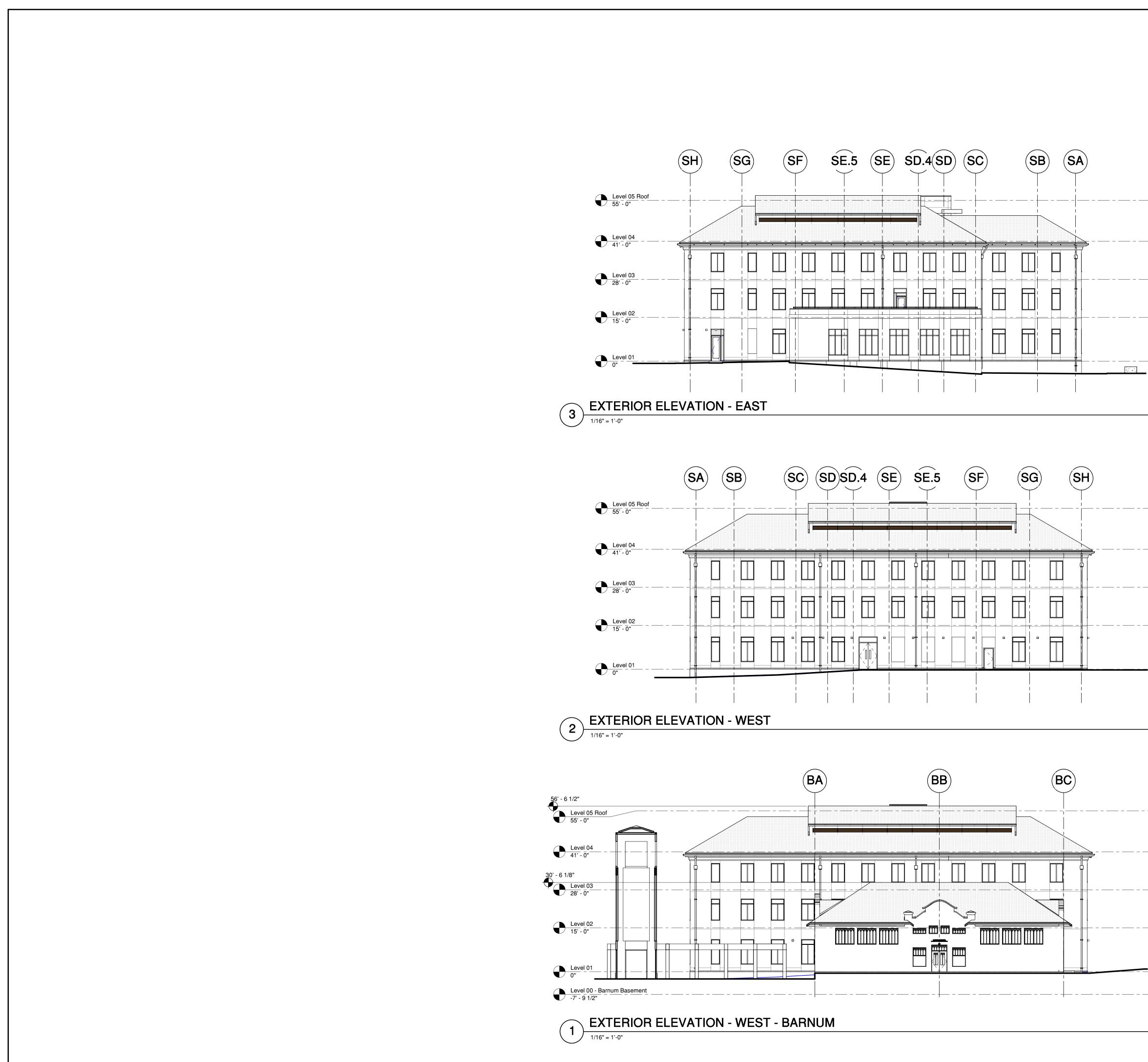




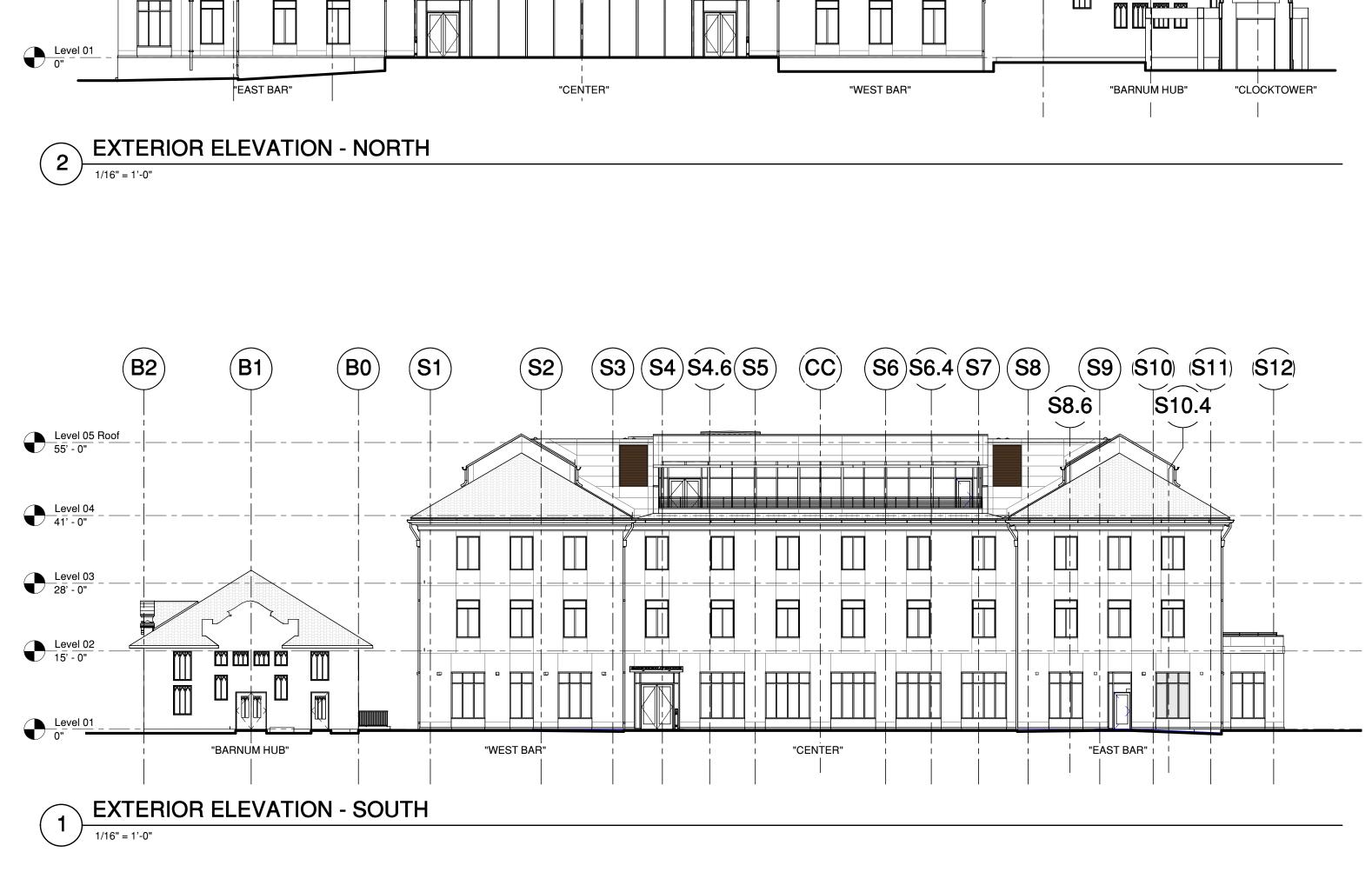


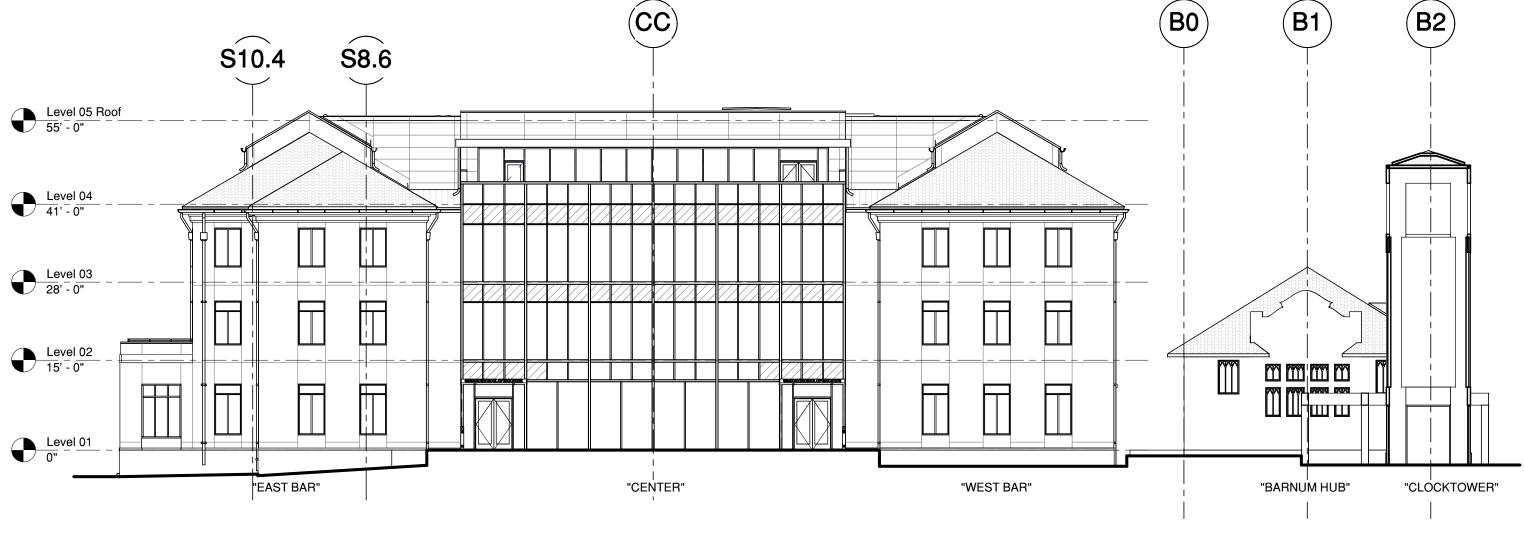
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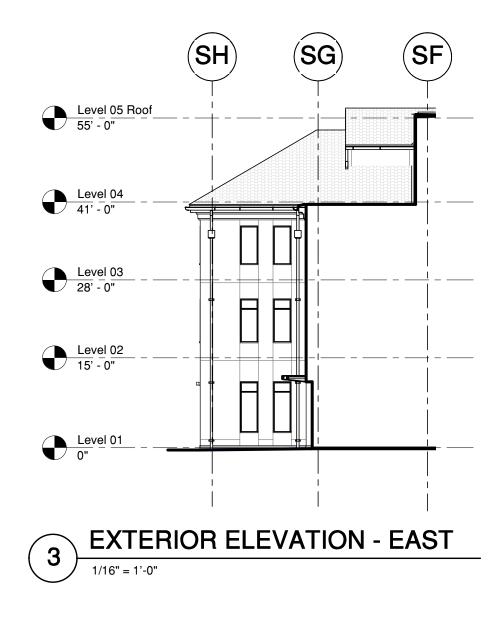
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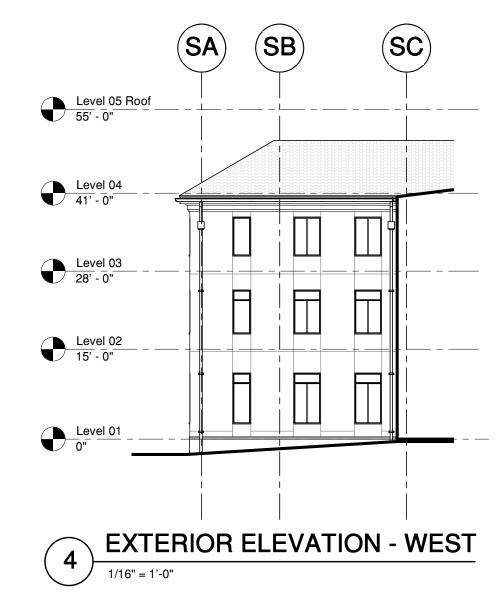


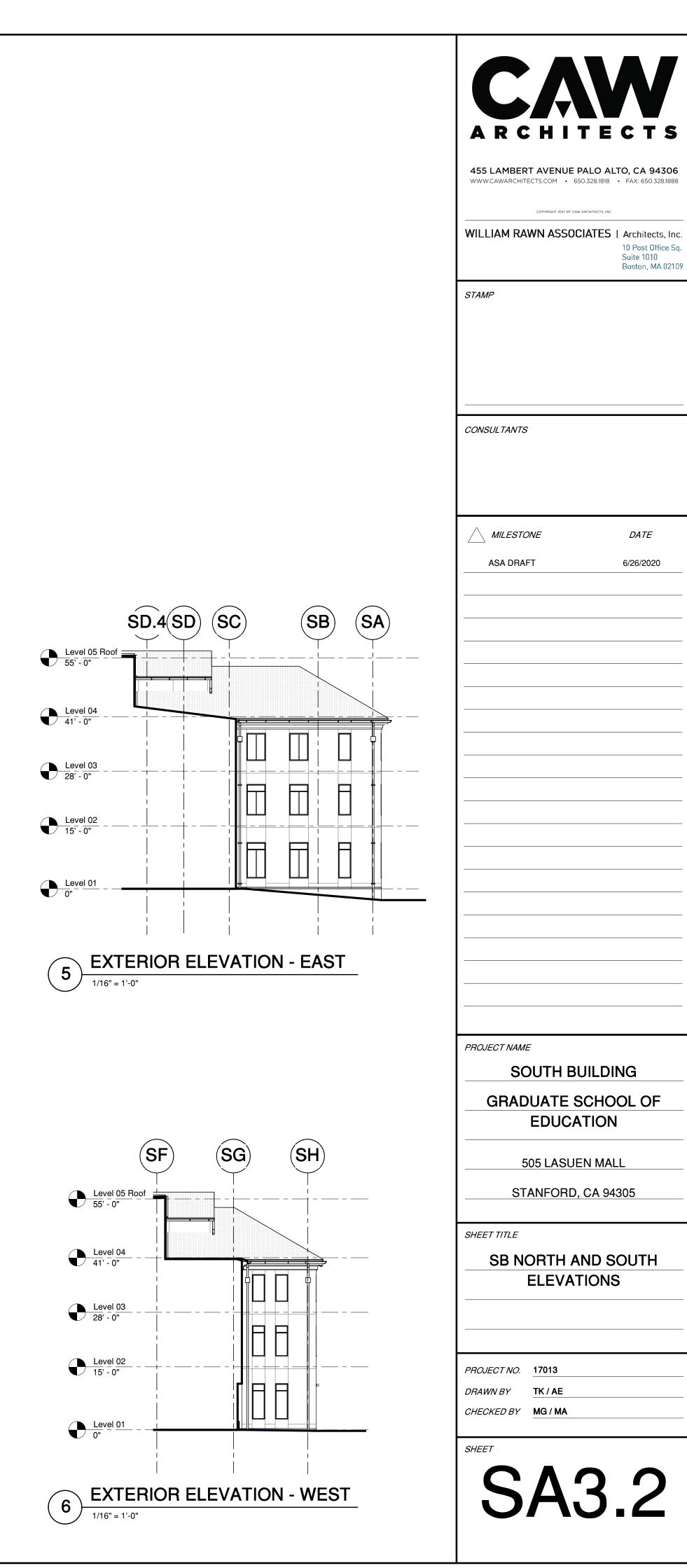
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-	<i>△ MILESTONE DATE</i>
	ASA DRAFT 6/26/2020
3	PROJECT NAME
	SOUTH BUILDING GRADUATE SCHOOL OF EDUCATION
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