

ASA SUBMITTAL SET

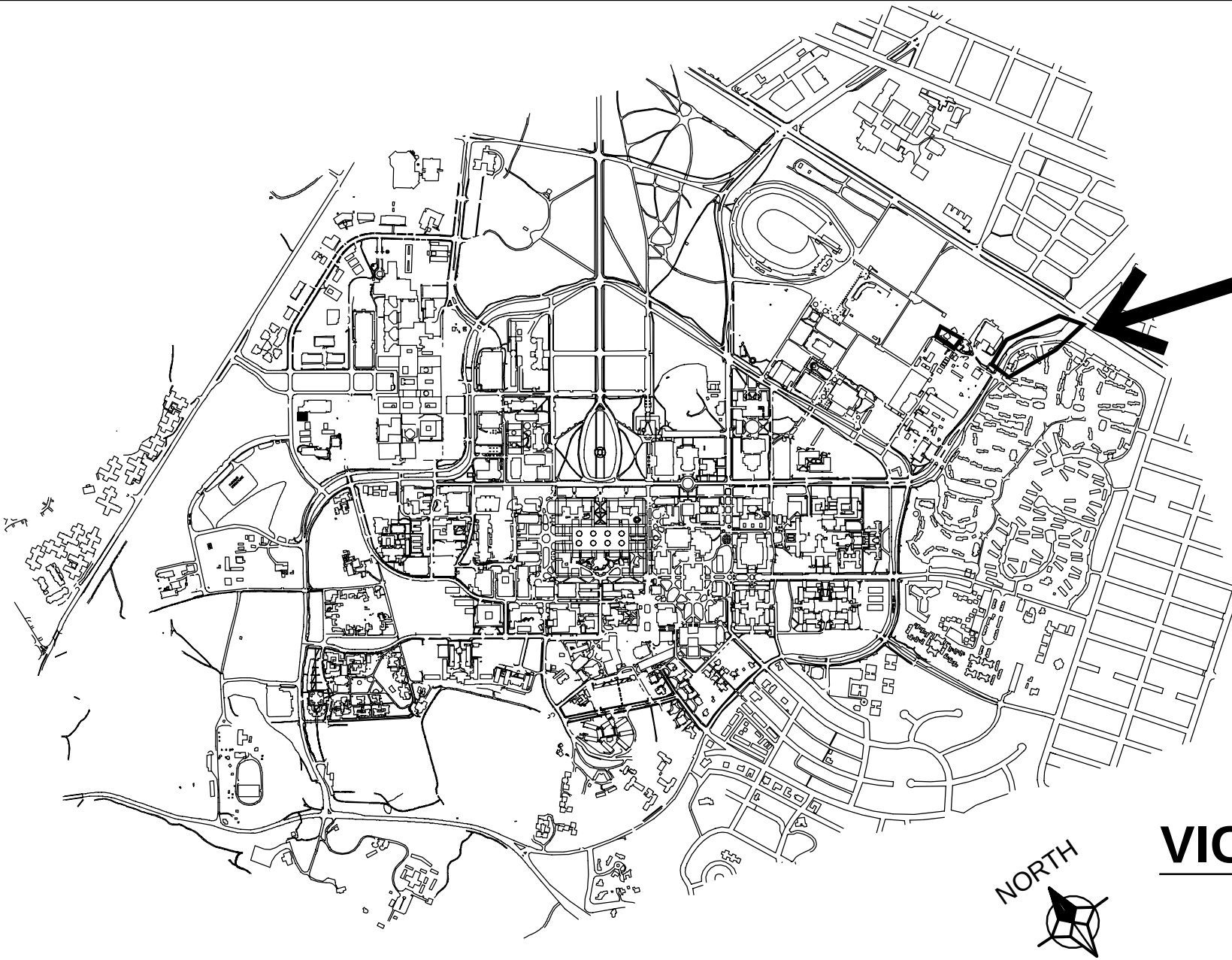
STANFORD UNIVERSITY
SERRA STREET – PAMPAS TO EL CAMINO REAL

PROJECT # 5227

SERRA STREET AND PAMPAS LANE

Stanford , California

Quad #10–000



Proposed Site

VICINITY MAP

DRAWING INDEX

PL0.0	TITLE SHEET
PL1.1	GUP INFORMATION MAP
PL1.2	IMPERVIOUS AREA EXHIBIT
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C-3	ASA STORMWATER TREATMENT PLAN
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L2.0-L2.1	ASA ILLUSTRATIVE LANDSCAPE PLAN
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SITE DATA INFORMATION

GENERAL

APN:	142-04-036
PARCEL SIZE:	580.15 AC
DEVELOPMENT DISTRICT:	DAPER AND ADMINISTRATIVE/ EAST CAMPUS
LAND USE DESIGNATION:	ACADEMIC CAMPUS
SITE AREA:	3.78 AC
DEMOLITION AREA:	2.83 AC

PERCENTAGE OF SITE AREA:

BUILDING:	0%
PARKING/DRIVEWAYS:	0%
SIDEWALKS/STREETS:	47%
OUTSIDE STORAGE:	0%
LANDSCAPING:	53%
UNDEVELOPED:	0%
ESTIMATED CUT AND FILL:	
CUT:	3,700 CUBIC YARDS
FILL:	3,900 CUBIC YARDS

PROJECT DESCRIPTION

RECONSTRUCT SERRA STREET BETWEEN PAMPAS LANE AND EL CAMINO REAL INCLUDING PATH, LIGHTING AND LANDSCAPE.

PROJECT MANAGER

STEVE BUI
340 BONAIR SIDING ROAD
PALO ALTO, CA 94305
(650) 497-0285
SteveBui@stanford.edu

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408-467-9199 (FAX)



STANFORD UNIVERSITY
SERRA STREET – PAMPAS TO EL CAMINO REAL
TITLE SHEET

CALIFORNIA

SANTA CLARA COUNTY

STANFORD

Revisions

No.

Date: 01/31/2022

Scale: --

Design: CU

Drawn: CU

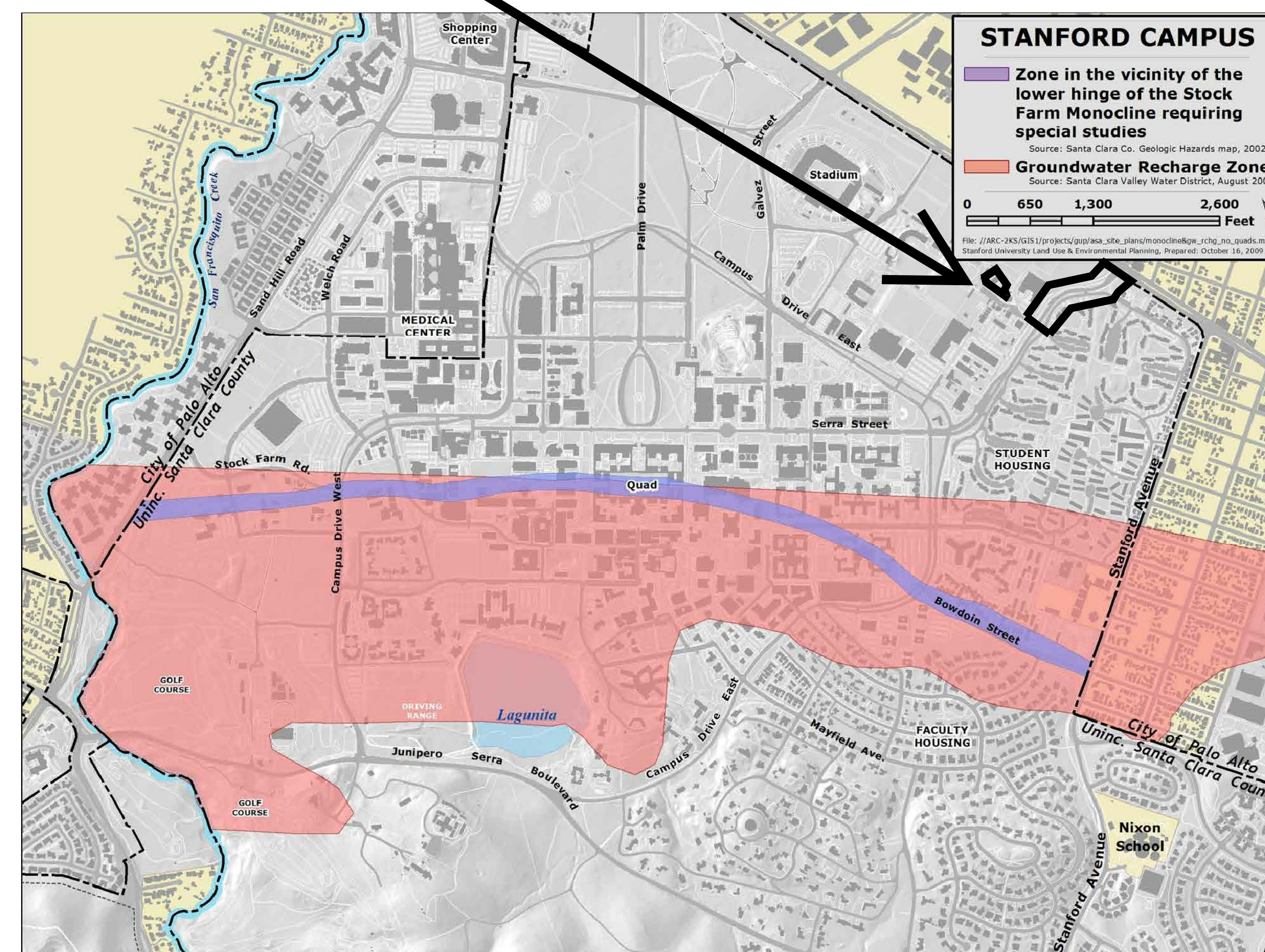
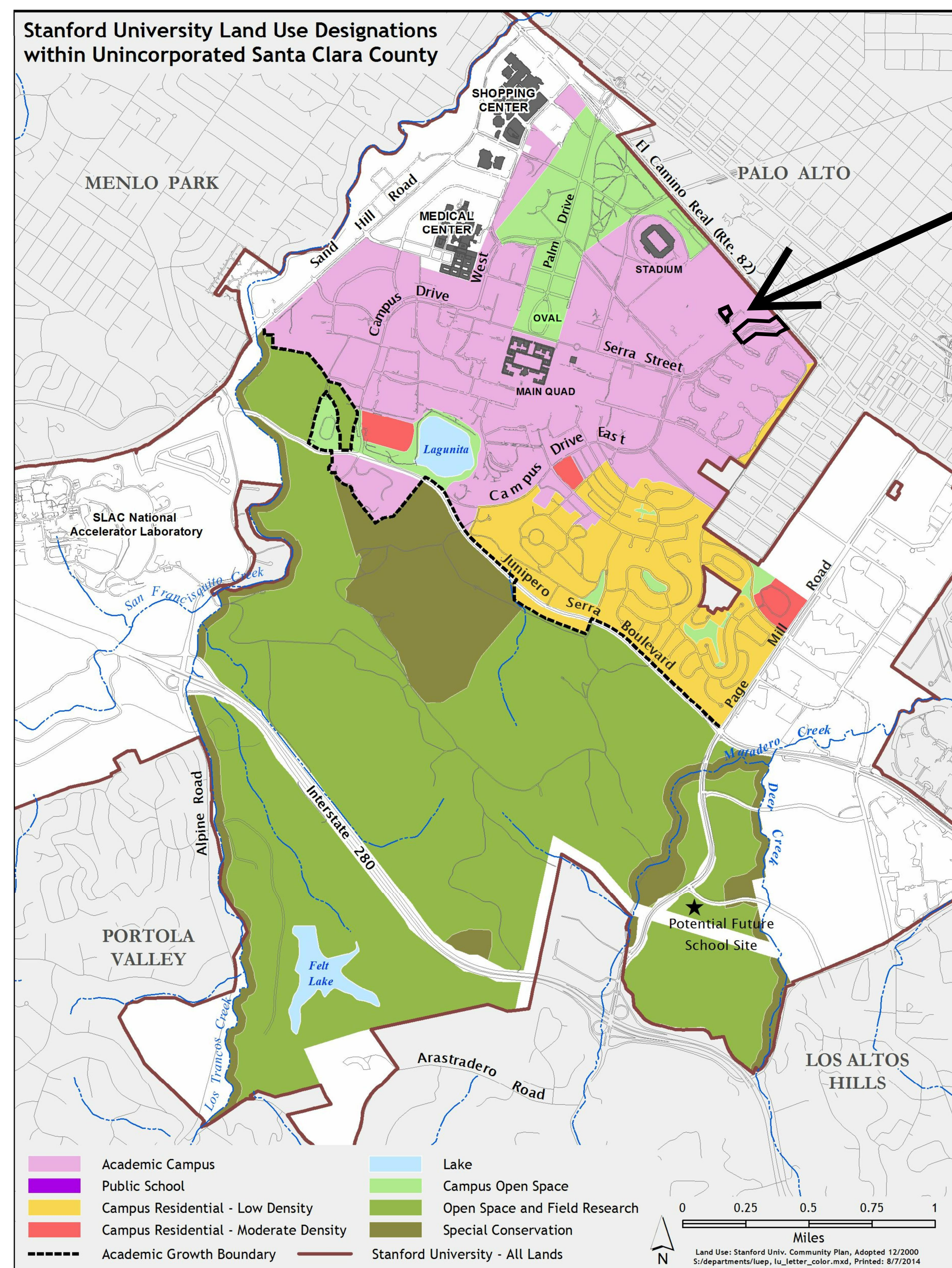
Approved: DP

Job No: 20156102

Drawing Number:

PLO.0

OF



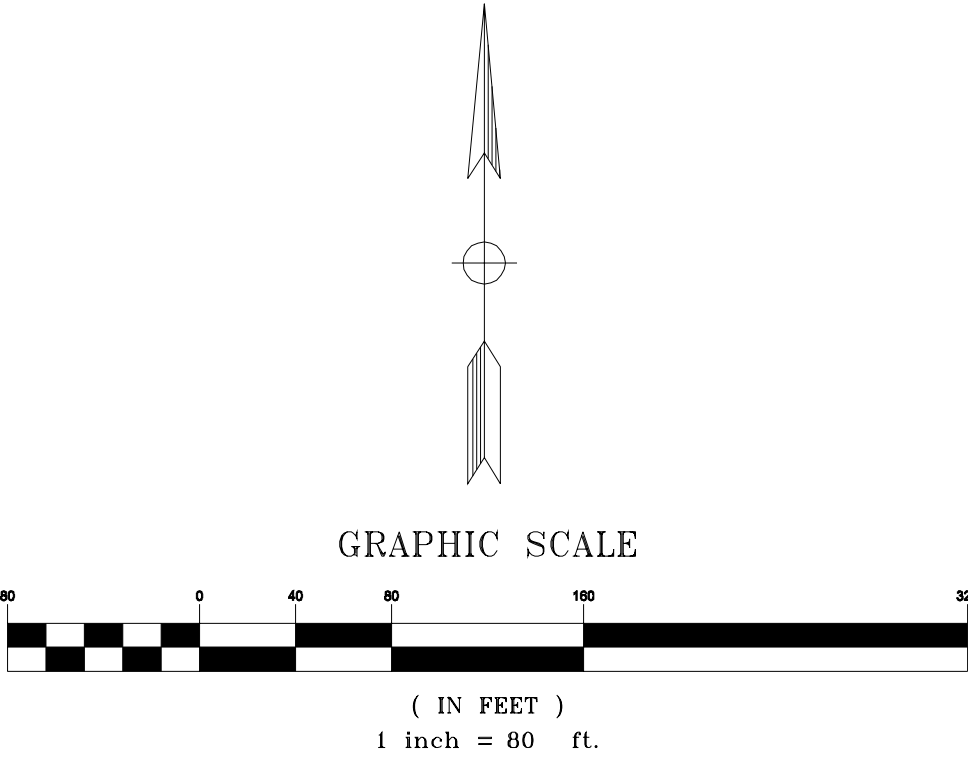


EXISTING CONDITIONS LEGEND

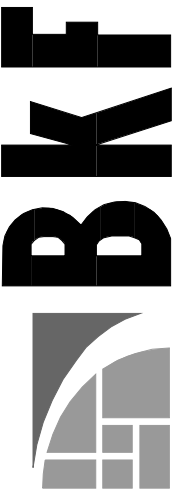
	IMPERVIOUS CONDITIONS	71,341 SF	1.64 ACRES
	PERVIOUS CONDITIONS	93,251 SF	2.14 ACRES

PROPOSED CONDITIONS LEGEND

	IMPERVIOUS CONDITIONS	77,153 SF	1.77 ACRES
	PERVIOUS CONDITIONS	87,439 SF	2.01 ACRES



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IMPERVIOUS AREAS EXHIBIT
SANTA CLARA COUNTY
CALIFORNIA

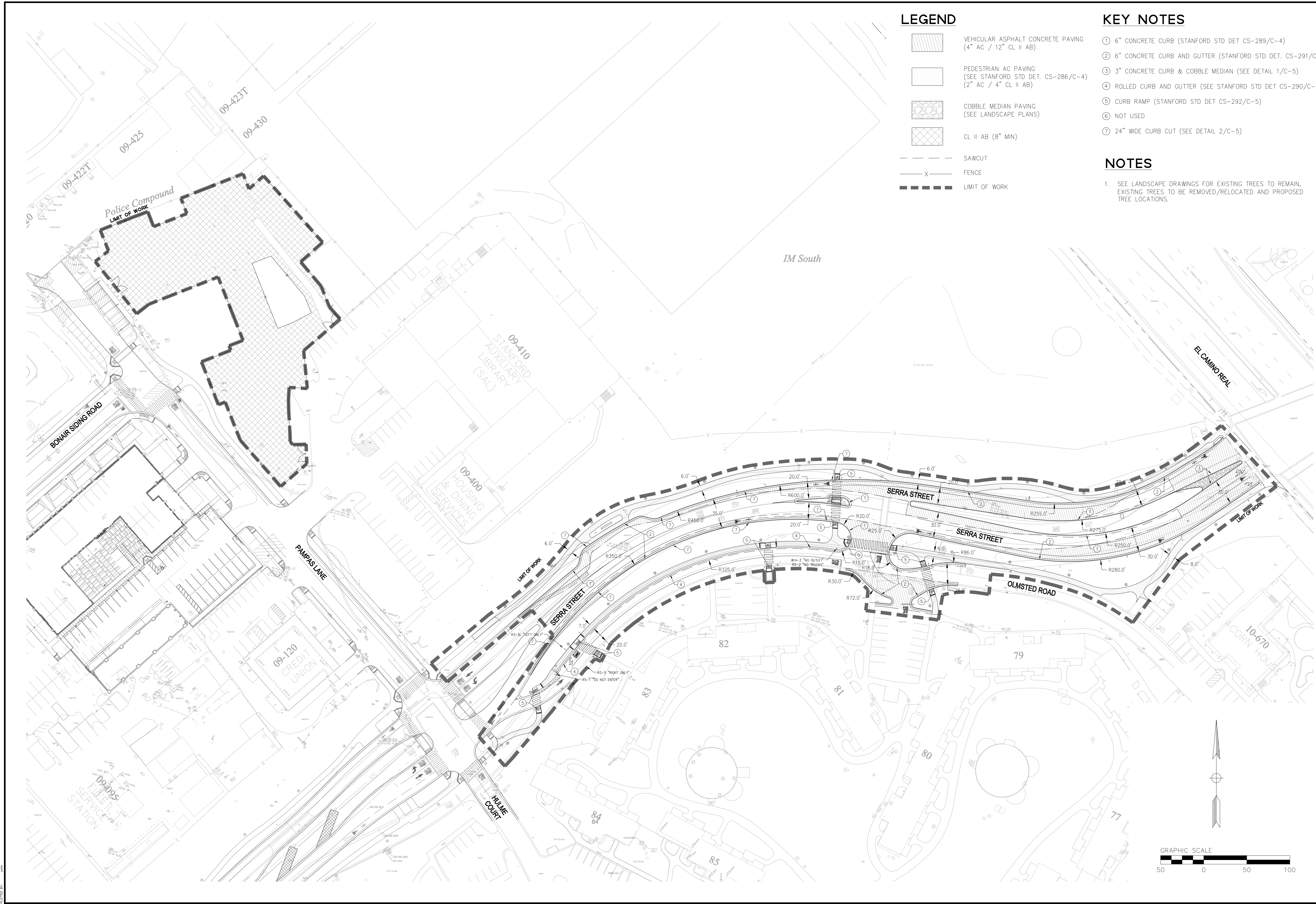
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		Scale: 1"=80'
		Design: CU
		Drawn: CU
		Approved: DP
		Lib. No: 20156102

Drawing Number:
PL1.2

OF

DATE: 01/31/2022
DRAWN: CU
CHECKED: DP
APPROVED: DP
LIB: 20156102



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BKF
ENGINEERS / SURVEYORS / PLANNERS

STANFORD UNIVERSITY
SERRA STREET - PAMPAS TO EL CAMINO REAL
ASA SITE PLAN

SANTA CLARA COUNTY
CALIFORNIA

STANFORD

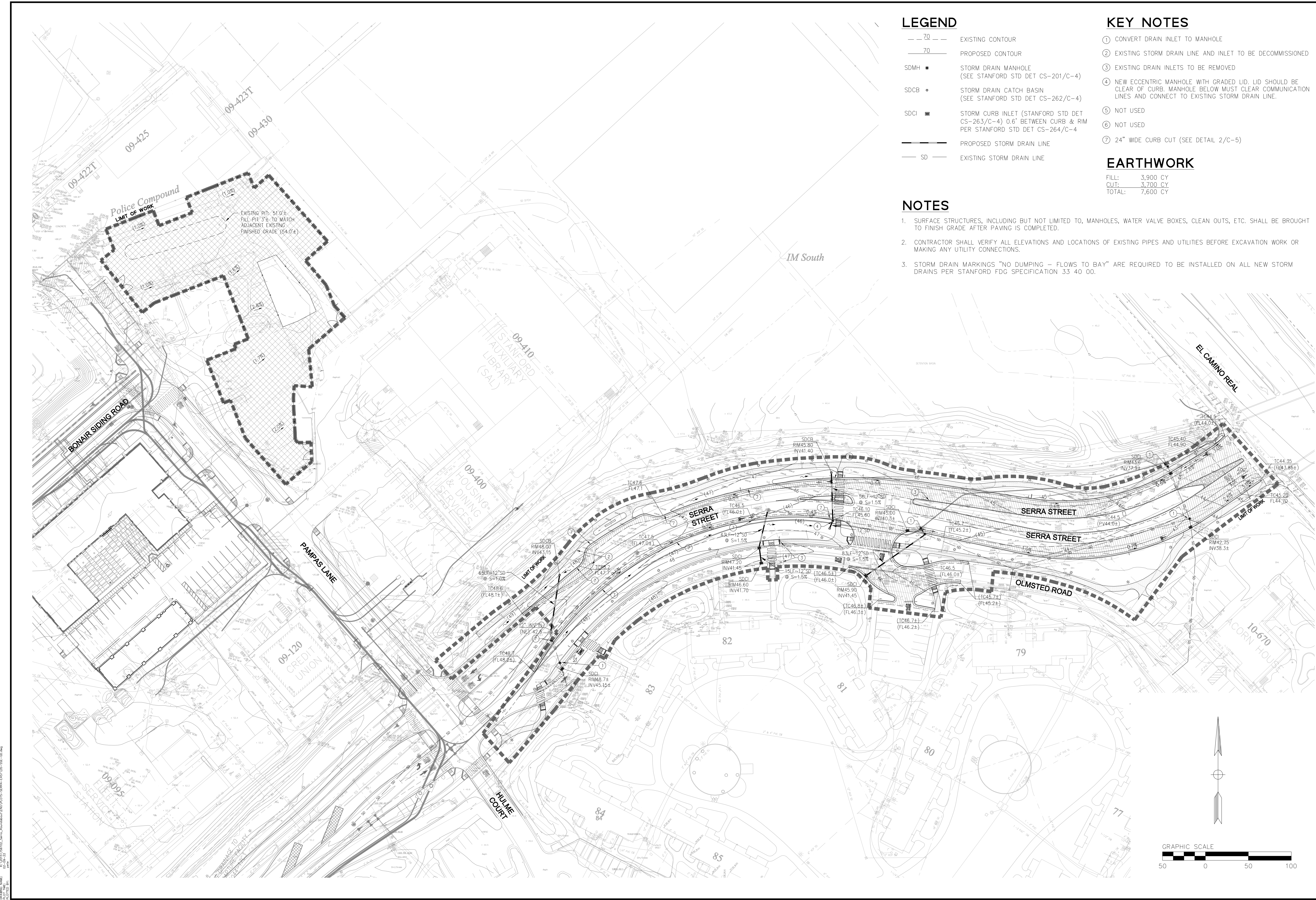
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Drawing Number:

C-1

OF

STANFORD UNIVERSITY
SERRA STREET - PAMPAS TO EL CAMINO REAL
ASA GRADING AND UTILITY PLAN
DATE: 01/31/2022
SCALE: 1"=50'
DESIGN: CU
DRAWN: CU
APPROVED: DP
JOB NO: 20156102



LEGEND

- 70 EXISTING CONTOUR
- 70 PROPOSED CONTOUR
- SDMH STORM DRAIN MANHOLE (SEE STANFORD STD DET CS-201/C-4)
- SDCB STORM DRAIN CATCH BASIN (SEE STANFORD STD DET CS-262/C-4)
- SDCI STORM CURB INLET (STANFORD STD DET CS-263/C-4) 0.6' BETWEEN CURB & RM PER STANFORD STD DET CS-264/C-4
- PROPOSED STORM DRAIN LINE
- SD EXISTING STORM DRAIN LINE

KEY NOTES

- 1 CONVERT DRAIN INLET TO MANHOLE
- 2 EXISTING STORM DRAIN LINE AND INLET TO BE DECOMMISSIONED
- 3 EXISTING DRAIN INLETS TO BE REMOVED
- 4 NEW ECCENTRIC MANHOLE WITH GRADED LID. LID SHOULD BE CLEAR OF CURB. MANHOLE BELOW MUST CLEAR COMMUNICATION LINES AND CONNECT TO EXISTING STORM DRAIN LINE.
- 5 NOT USED
- 6 NOT USED
- 7 24" WIDE CURB CUT (SEE DETAIL 2/C-5)

EARTHWORK

FILL: 3,900 CY
CUT: 3,700 CY
TOTAL: 7,600 CY

NOTES

1. SURFACE STRUCTURES, INCLUDING BUT NOT LIMITED TO, MANHOLES, WATER VALVE BOXES, CLEAN OUTS, ETC. SHALL BE BROUGHT TO FINISH GRADE AFTER PAVING IS COMPLETED.
2. CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND LOCATIONS OF EXISTING PIPES AND UTILITIES BEFORE EXCAVATION WORK OR MAKING ANY UTILITY CONNECTIONS.
3. STORM DRAIN MARKINGS "NO DUMPING - FLOWS TO BAY" ARE REQUIRED TO BE INSTALLED ON ALL NEW STORM DRAINS PER STANFORD FDG SPECIFICATION 33 40 00.

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SERRA STREET - PAMPAS TO EL CAMINO REAL
ASA GRADING AND UTILITY PLAN
STANFORD
SANTA CLARA COUNTY
CALIFORNIA

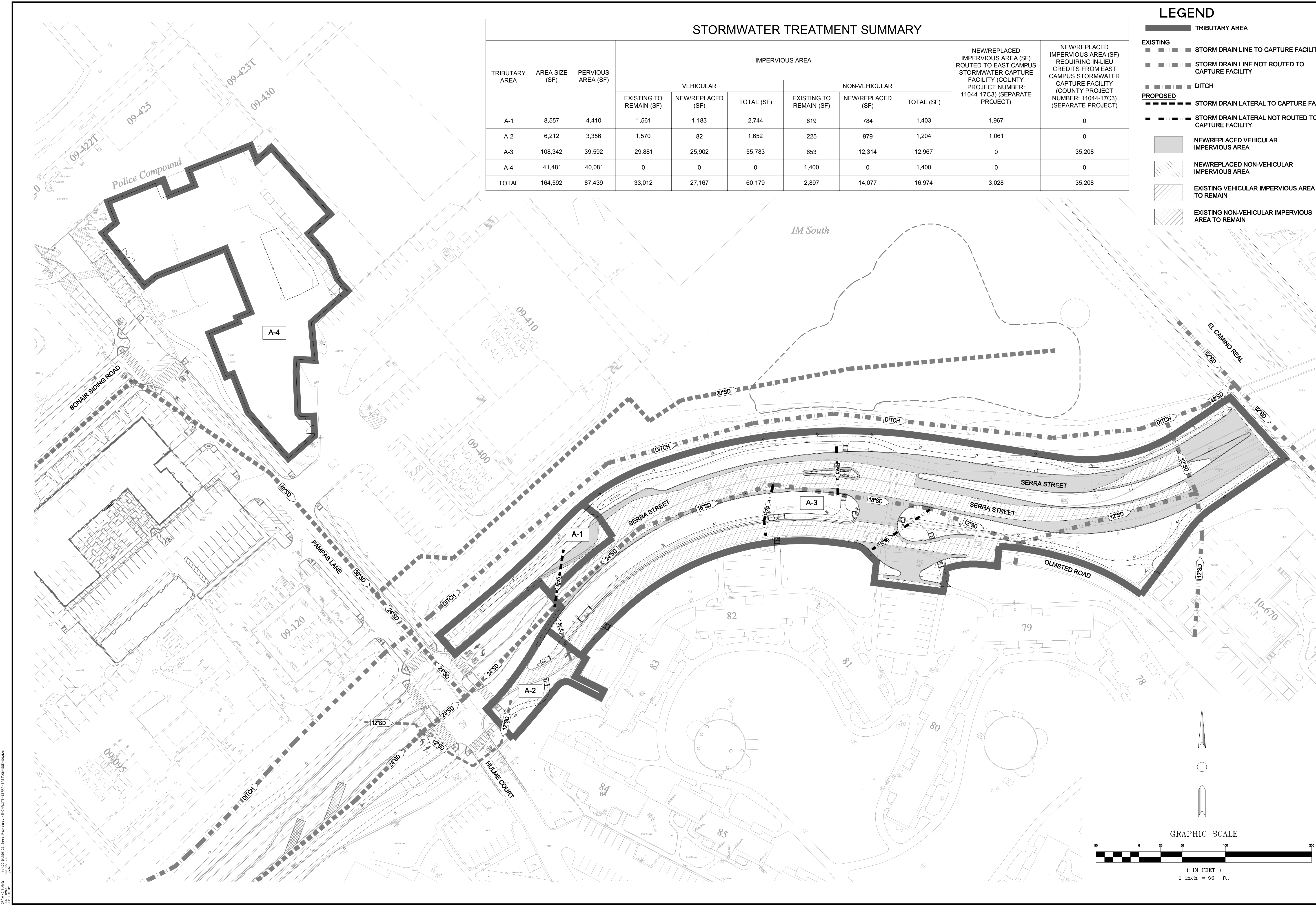
No.	Revisions

Date: 01/31/2022
Scale: 1"=50'
Design: CU
Drawn: CU
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Drawing Number:
C-2
OF

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STANFORD UNIVERSITY
SERRA STREET - PAMPAS TO EL CAMINO REAL
ASA STORMWATER TREATMENT PLAN
DATE: 01/31/2022
SCALE: 1"=50'
DESIGN: CU
DRAWN: CU
APPROVED: DP
JOB NO: 20156102



STORMWATER TREATMENT SUMMARY										
TRIBUTARY AREA	AREA SIZE (SF)	PERVIOUS AREA (SF)	IMPERVIOUS AREA						NEW/REPLACED IMPERVIOUS AREA (SF) ROUTED TO EAST CAMPUS STORMWATER CAPTURE FACILITY (COUNTY PROJECT NUMBER: 11044-17C3) (SEPARATE PROJECT)	NEW/REPLACED IMPERVIOUS AREA (SF) REQUIRING IN-LIEU CREDITS FROM EAST CAMPUS STORMWATER CAPTURE FACILITY (COUNTY PROJECT NUMBER: 11044-17C3) (SEPARATE PROJECT)
			VEHICULAR			NON-VEHICULAR				
			EXISTING TO REMAIN (SF)	NEW/REPLACED (SF)	TOTAL (SF)	EXISTING TO REMAIN (SF)	NEW/REPLACED (SF)	TOTAL (SF)		
A-1	8,557	4,410	1,561	1,183	2,744	619	784	1,403	1,967	0
A-2	6,212	3,356	1,570	82	1,652	225	979	1,204	1,061	0
A-3	108,342	39,592	29,881	25,902	55,783	653	12,314	12,967	0	35,208
A-4	41,481	40,081	0	0	0	1,400	0	1,400	0	0
TOTAL	164,592	87,439	33,012	27,167	60,179	2,897	14,077	16,974	3,028	35,208

LEGEND

EXISTING

STORM DRAIN LINE TO CAPTURE FACILITY

STORM DRAIN LINE NOT ROUTED TO CAPTURE FACILITY

DITCH

PROPOSED

STORM DRAIN LATERAL TO CAPTURE FACILITY

STORM DRAIN LATERAL NOT ROUTED TO CAPTURE FACILITY

NEW/REPLACED VEHICULAR IMPERVIOUS AREA

NEW/REPLACED NON-VEHICULAR IMPERVIOUS AREA

EXISTING VEHICULAR IMPERVIOUS AREA TO REMAIN

EXISTING NON-VEHICULAR IMPERVIOUS AREA TO REMAIN

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SERRA STREET - PAMPAS TO EL CAMINO REAL

ASA STORMWATER TREATMENT PLAN

STANFORD

SANTA CLARA COUNTY

CALIFORNIA

1730 N. FIRST STREET

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Date: 01/31/2022

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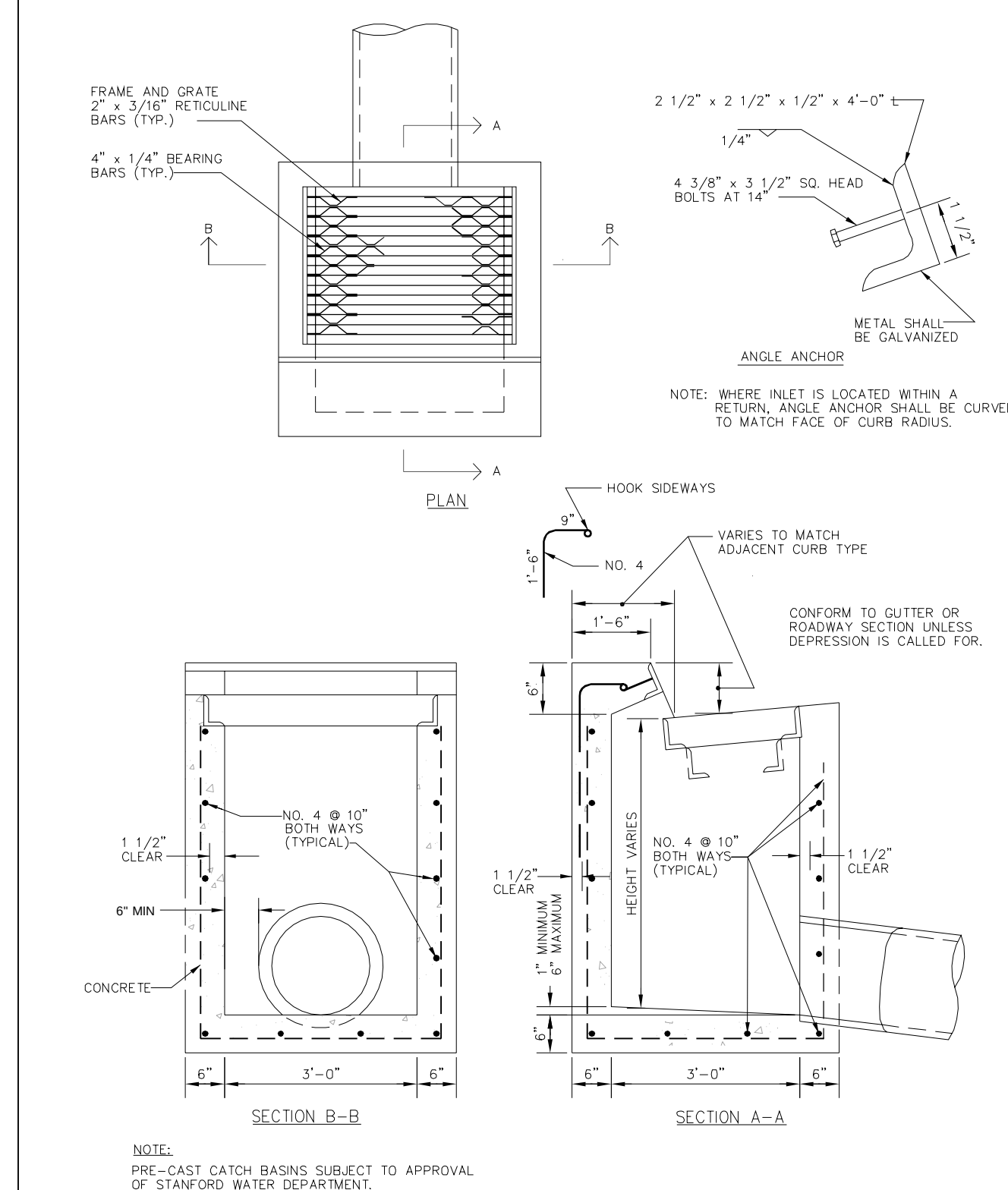
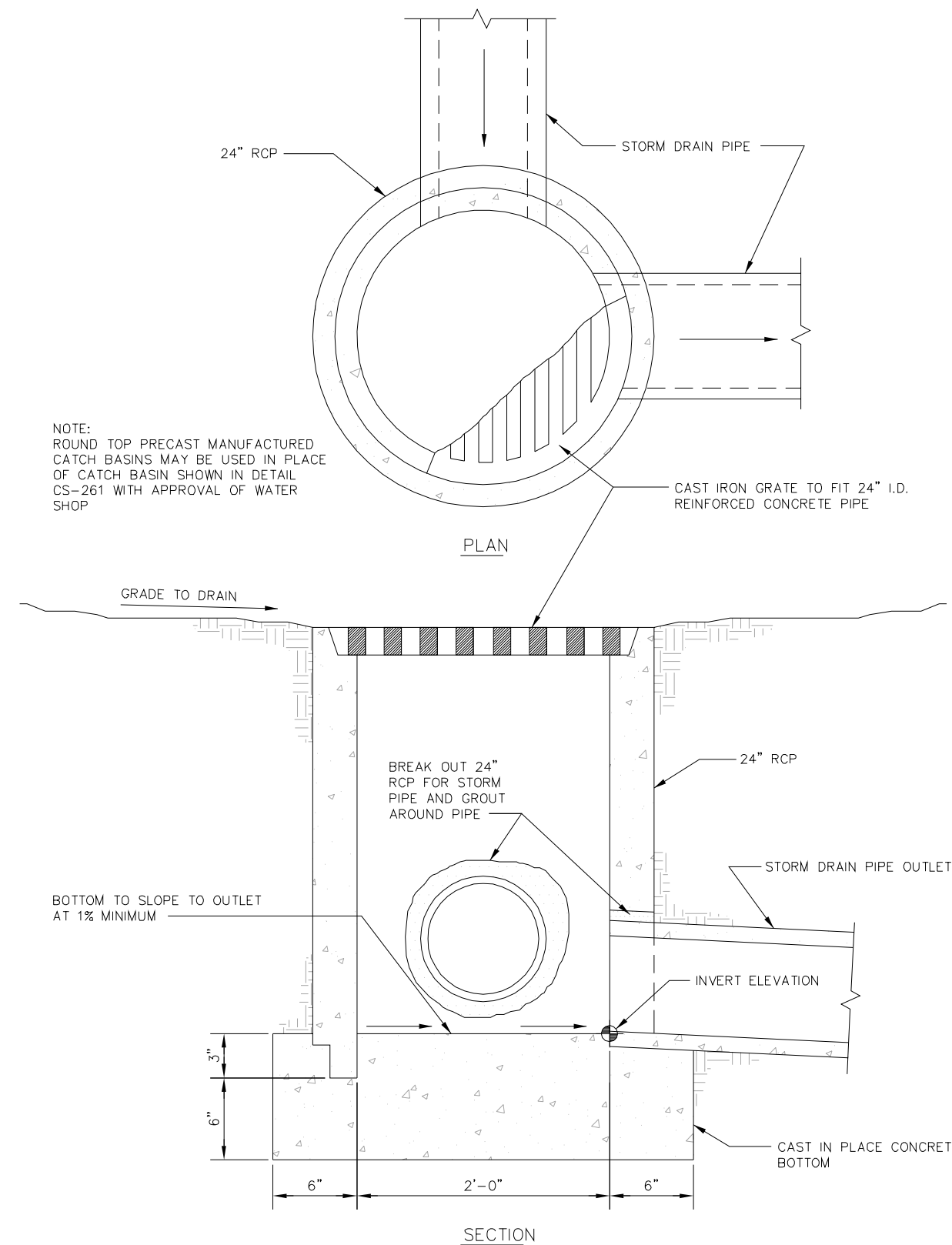
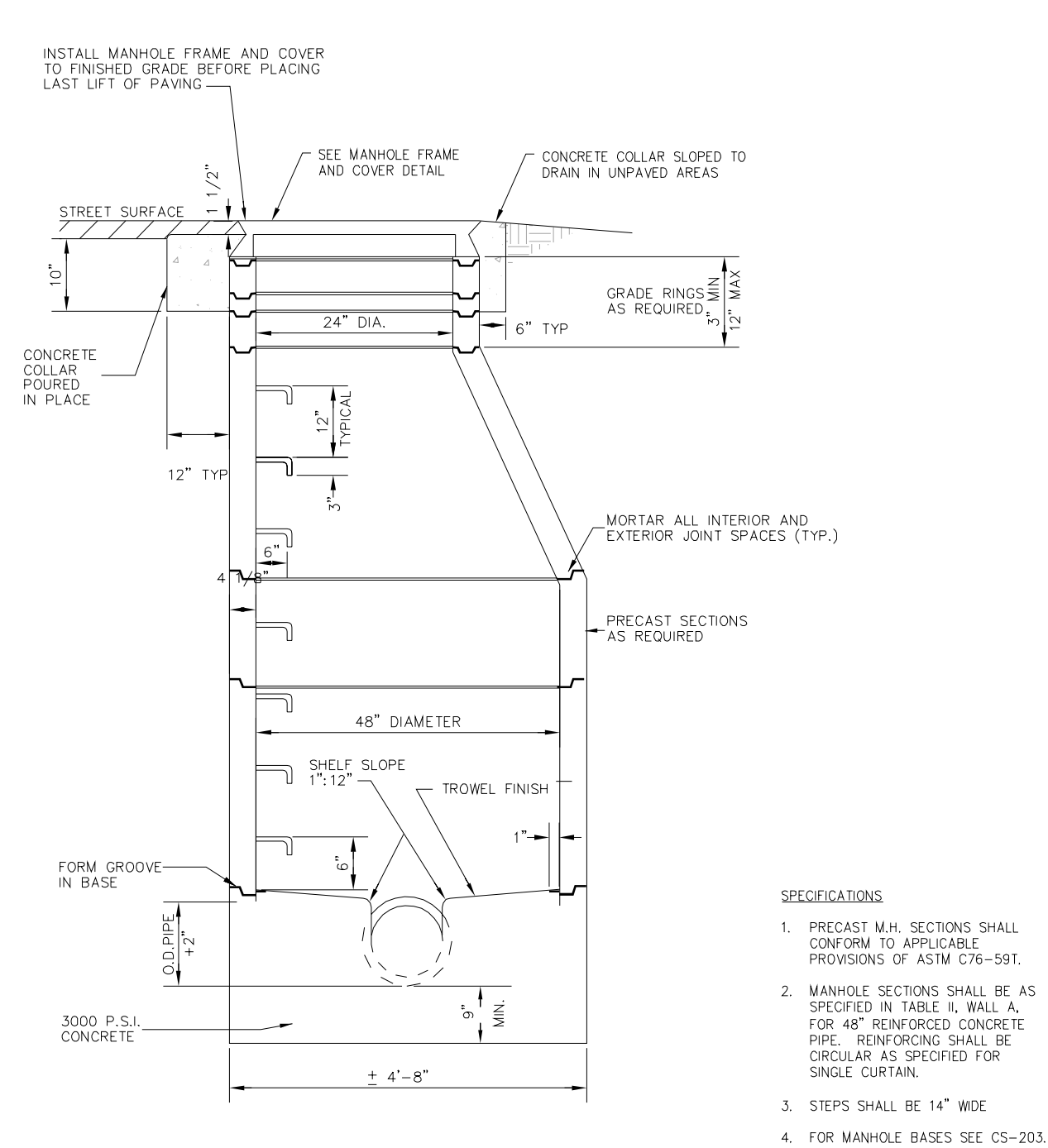
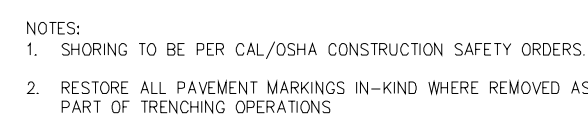
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Job No: 20156102

Drawing Number:

C-3

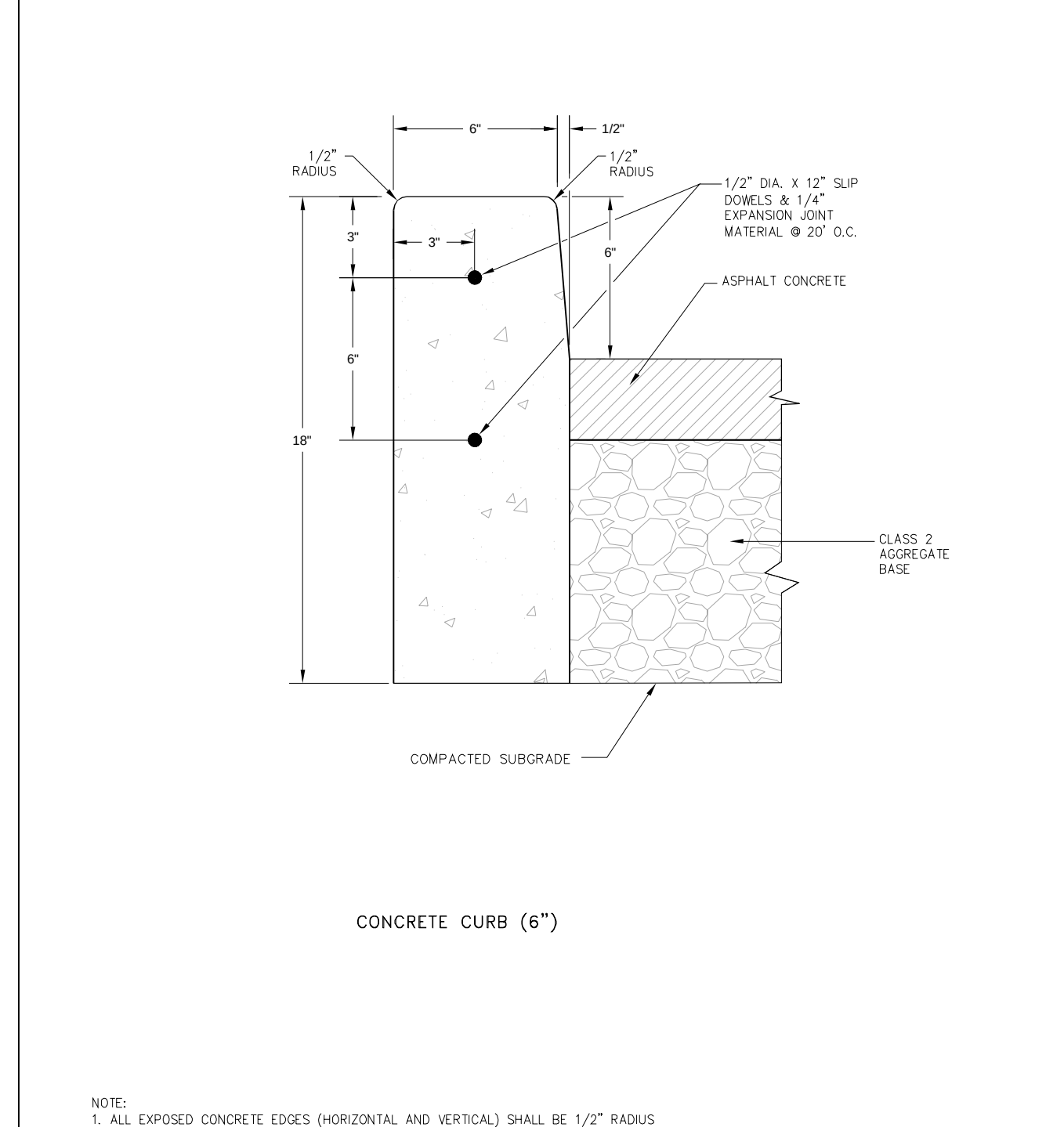
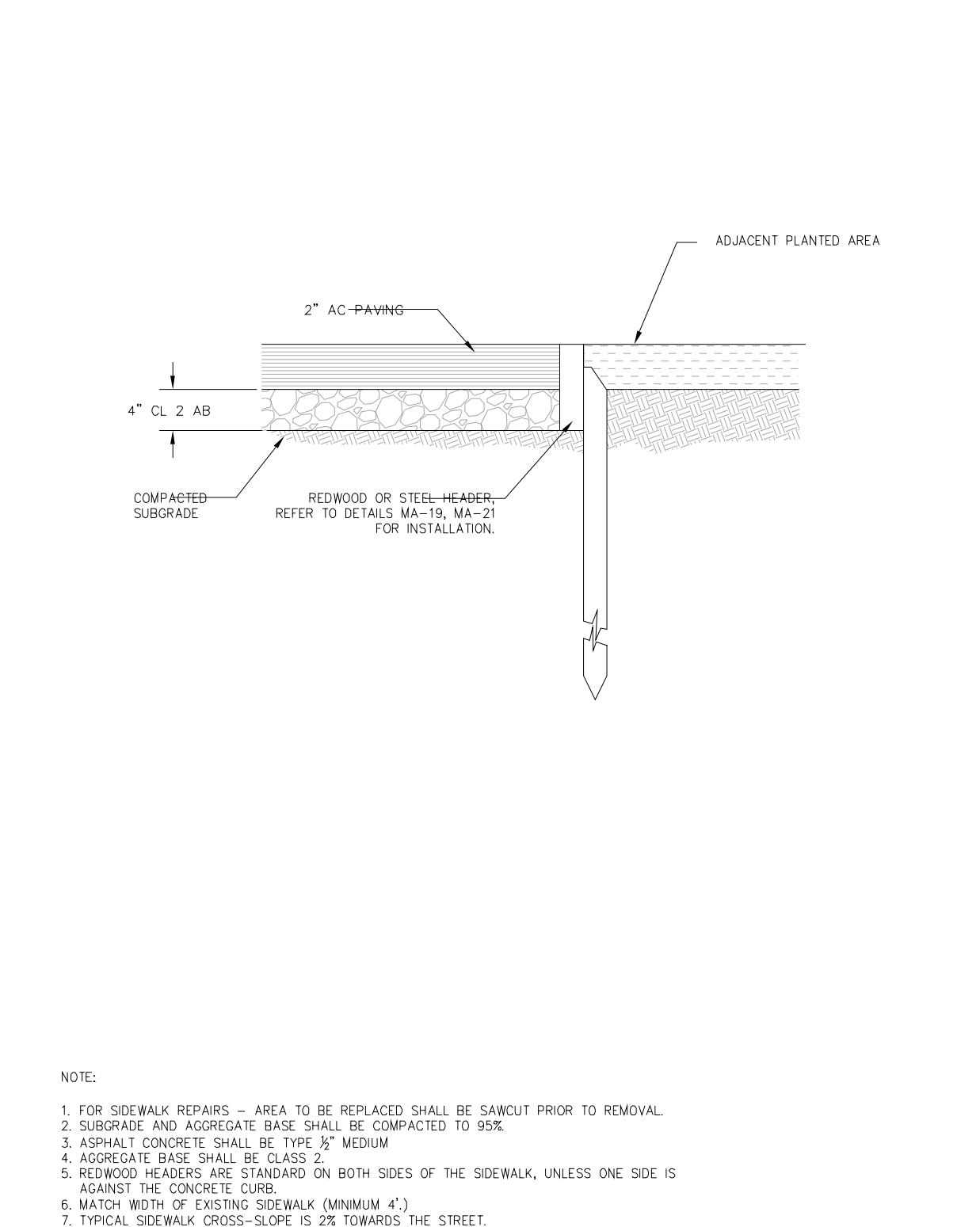
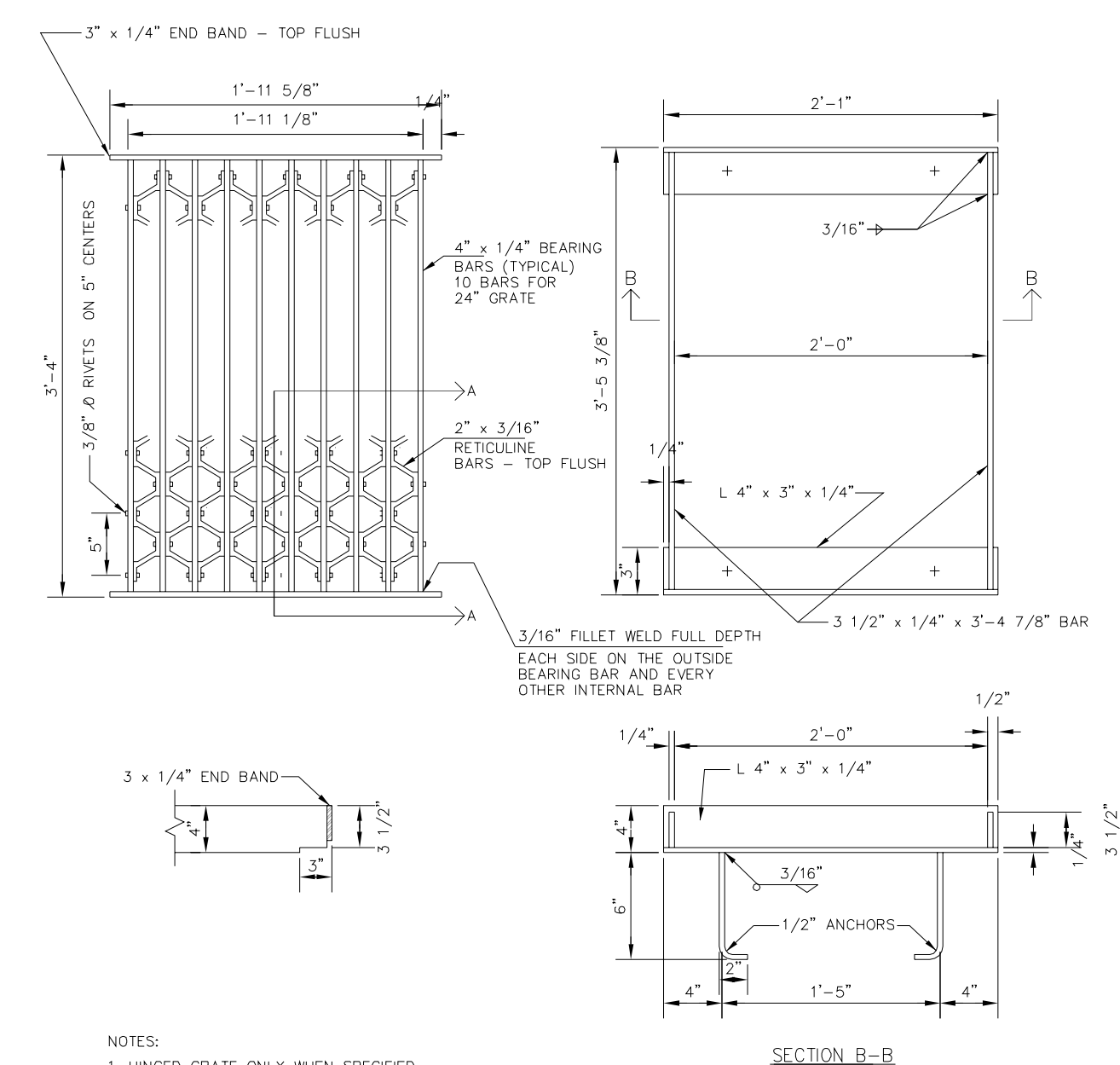
OF



	STANFORD UNIVERSITY FACILITY OPERATIONS				DWG.
	Drawing Title: SANITARY SEWER AND STORM DRAIN				CS-201
	Scale: NTS	Check: STEVE BUI	Rev. By: OG	Rev. Date: 01/24/17	

	STANFORD UNIVERSITY FACILITY OPERATIONS				DWG.
	Drawing Title: CATCH BASIN WITH ROUND BASE				CS-262
Scale: NTS	Check: KTS	Rev. By: OG	Rev. Date: 01/09		

	STANFORD UNIVERSITY FACILITY OPERATIONS				DWG.
	Drawing Title: STANFORD CURB INLET				CS-263
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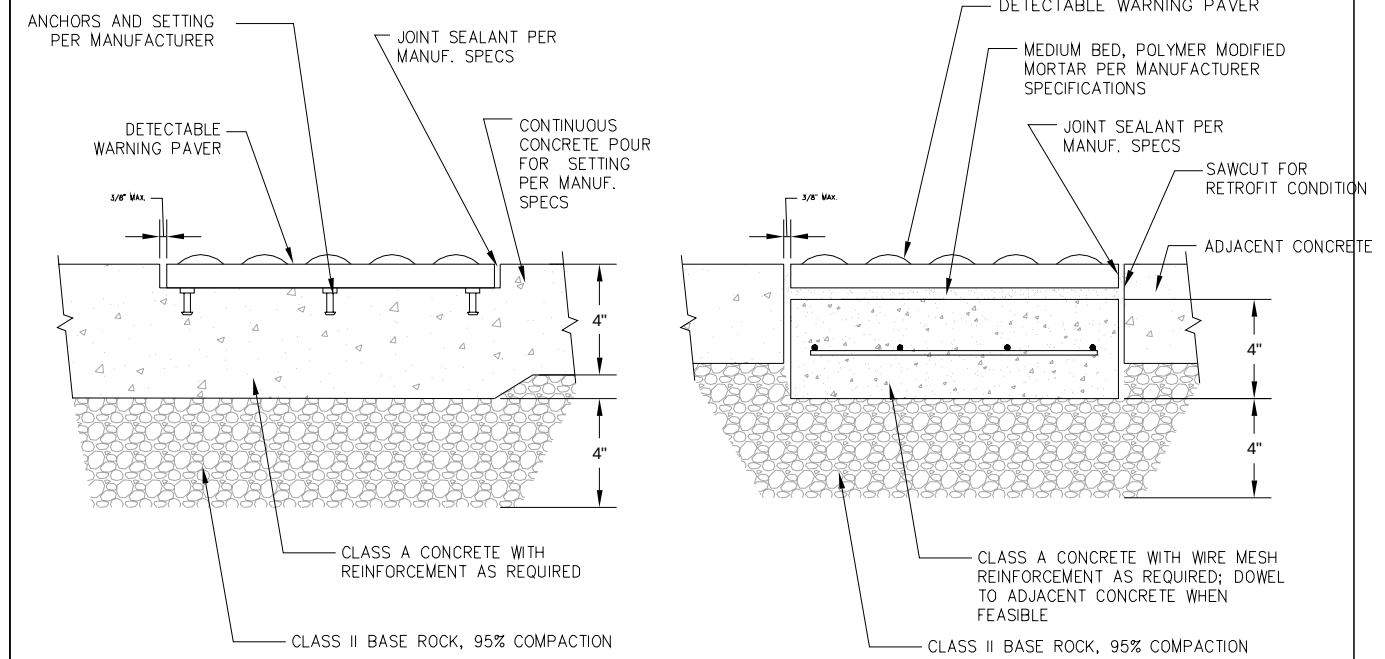
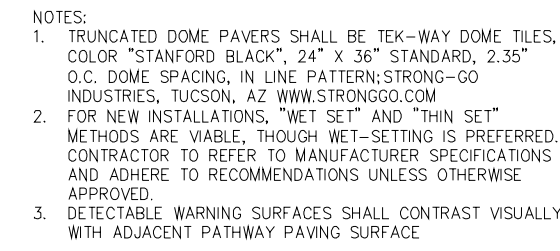


	STANFORD UNIVERSITY FACILITY OPERATIONS				DWG.
	Drawing Title: RETICULINE FRAME AND GRATE				CS-265
Scale: NTS	Check: KTS	Rev. By: OG	Rev. Date: 03/04/2020		

	STANFORD UNIVERSITY FACILITY OPERATIONS				DWG.
	Drawing Title: ASPHALT SIDEWALK				CS-286
Scale: NTS	Check: STEVE BUI	Rev. By: O.G	Rev. Date: 03/05/2020		

	STANFORD UNIVERSITY FACILITY OPERATIONS				DWG.
	Drawing Title: CONCRETE CURB (6")				CS-289
	Scale: NTS	Check: Tom Z.	Rev. By: O.G.	Rev. Date: 03/05/2020	

Scale:		
Design: CU		
Drawn: CU		
Approved: DP		
Job No: 20156102		

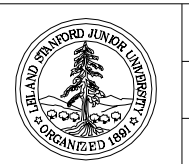


NOTES:

1. TRUNCATED DOME PAVERS SHALL BE TEK-WAY DOME TILES, COLOR "STANFORD BUCKLE", 24" X 36" STANDARD, 2.35" O.C. DOME SPACING, FROM STRONG-GO INDUSTRIES, 3296 E. HEMISPHERE DRIVE, TUCSON, AZ 85706; WWW.STRONGGO.COM; (800) 432-3216
2. FOR NEW INSTALLATIONS, "WET SET" AND "THIN SET" METHODS ARE VIABLE, THOUGH WET-SETTING IS PREFERRED. CONTRACTOR TO REFER TO MANUFACTURER SPECIFICATIONS AND ADHERE TO RECOMMENDATIONS UNLESS OTHERWISE APPROVED.
3. REPAIR OF EXISTING RAMP, SCAUCU CONCRETE WITH NO OVERCURTS AND INSTALL PER DETAIL AND MANUFACTURER'S SPECIFICATIONS.
4. JOINT SEALANT COLOR SHALL MATCH ADJACENT CONCRETE JOINTS WHENEVER POSSIBLE



DWG.
CS-290

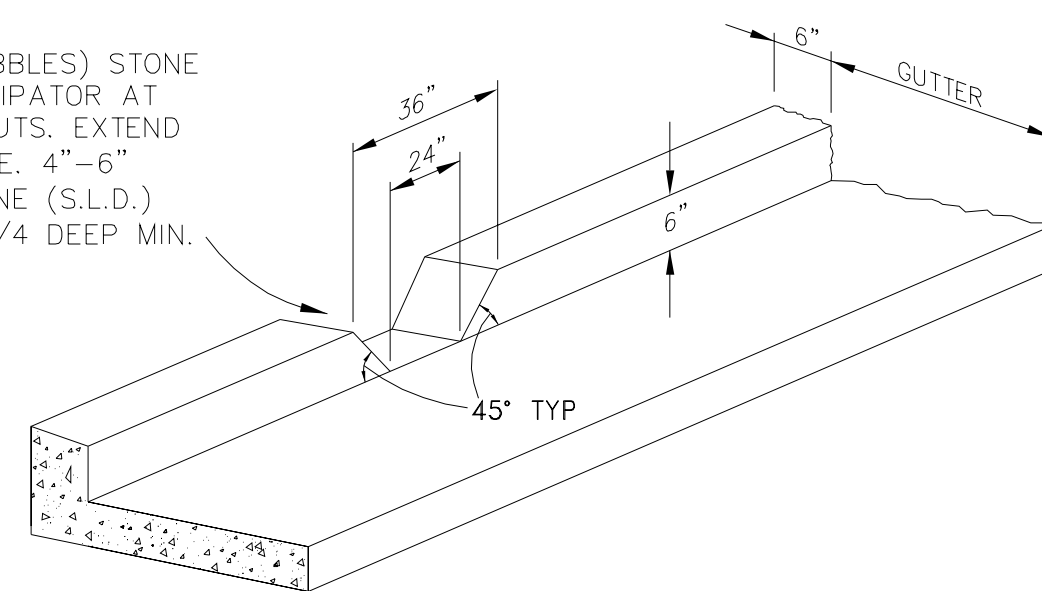
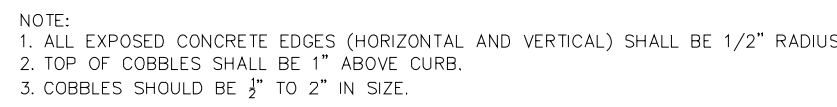
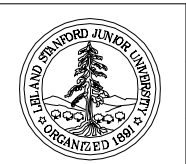


DWG.

CS-291



DWG.
CS-292

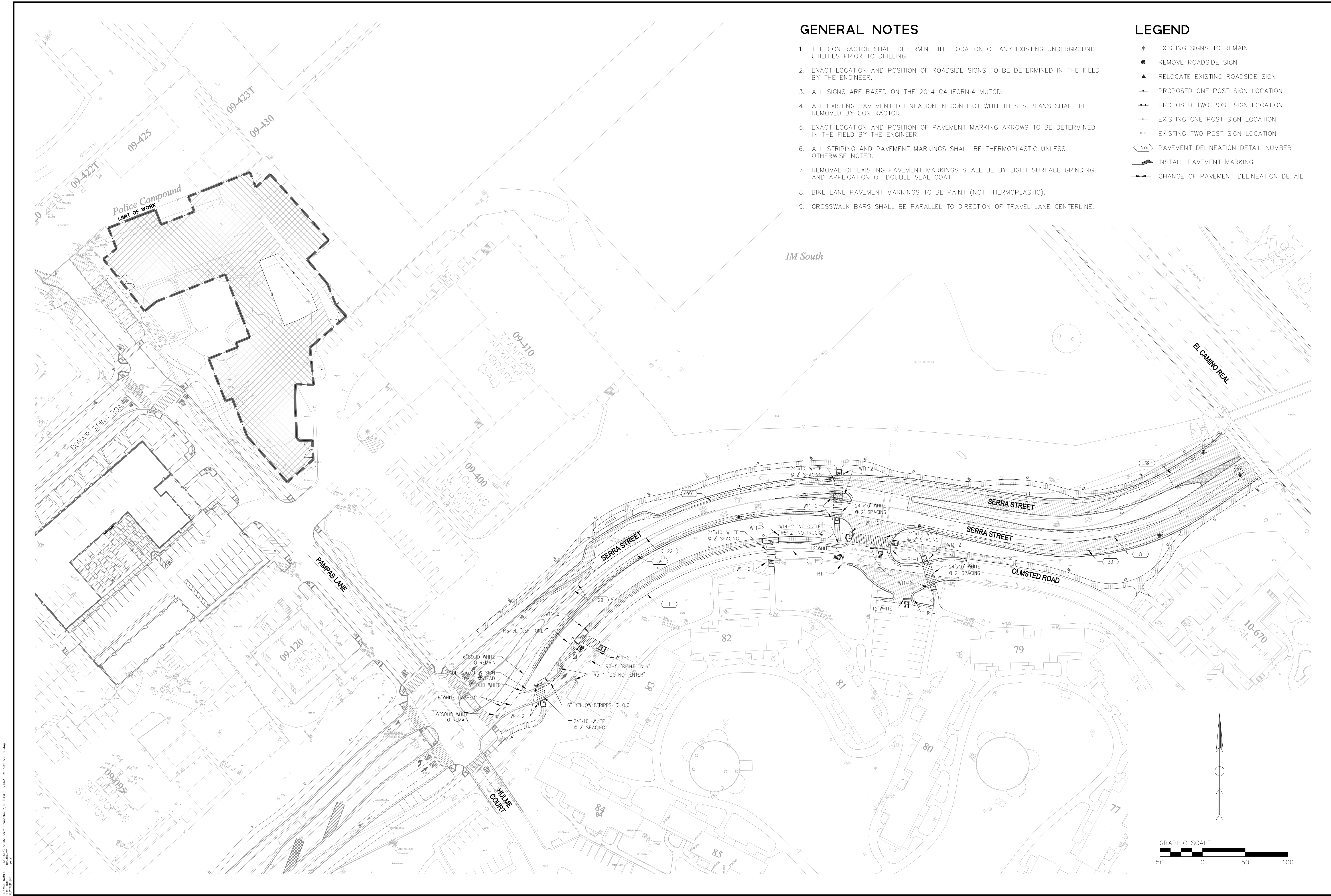


2 CURB OPENING (CURB CUT)
- DETAIL N.T.S.

1	3" CONCRETE CURB & COBBLE MEDIAN
-	N.T.S.

DRAWING NAME: K:\2015\156102_Serra_Roundabout\ENCL\PLOTS-SERRA-EAST\07-SSE-DT.dwg
 DATE: 02-04-22
 BY: DT

STANFORD UNIVERSITY
SERRA STREET - PAMPAS TO EL CAMINO REAL
ASA SIGNING AND STRIPING PLAN
DATE: 01/31/2022
SCALE: 1"=50'
DESIGN: CU
DRAWN: CU
APPROVED: DP
JOB NO: 20156102

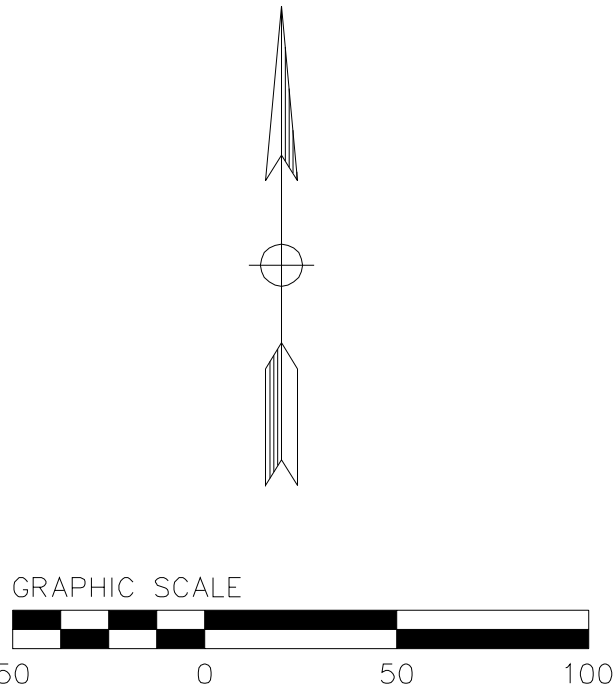


GENERAL NOTES

1. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES PRIOR TO DRILLING.
2. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. ALL SIGNS ARE BASED ON THE 2014 CALIFORNIA MUTCD.
4. ALL EXISTING PAVEMENT DELINEATION IN CONFLICT WITH THESE PLANS SHALL BE REMOVED BY CONTRACTOR.
5. EXACT LOCATION AND POSITION OF PAVEMENT MARKING ARROWS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
6. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
7. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE BY LIGHT SURFACE GRINDING AND APPLICATION OF DOUBLE SEAL COAT.
8. BIKE LANE PAVEMENT MARKINGS TO BE PAINT (NOT THERMOPLASTIC).
9. CROSSWALK BARS SHALL BE PARALLEL TO DIRECTION OF TRAVEL LANE CENTERLINE.

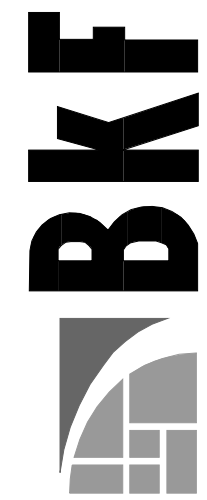
LEGEND

- * EXISTING SIGNS TO REMAIN
- REMOVE ROADSIDE SIGN
- ▲ RELOCATE EXISTING ROADSIDE SIGN
- PROPOSED ONE POST SIGN LOCATION
- PROPOSED TWO POST SIGN LOCATION
- EXISTING ONE POST SIGN LOCATION
- EXISTING TWO POST SIGN LOCATION
- ◊ PAVEMENT DELINEATION DETAIL NUMBER
- INSTALL PAVEMENT MARKING
- CHANGE OF PAVEMENT DELINEATION DETAIL



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ASA SIGNING AND STRIPING PLAN
STANFORD
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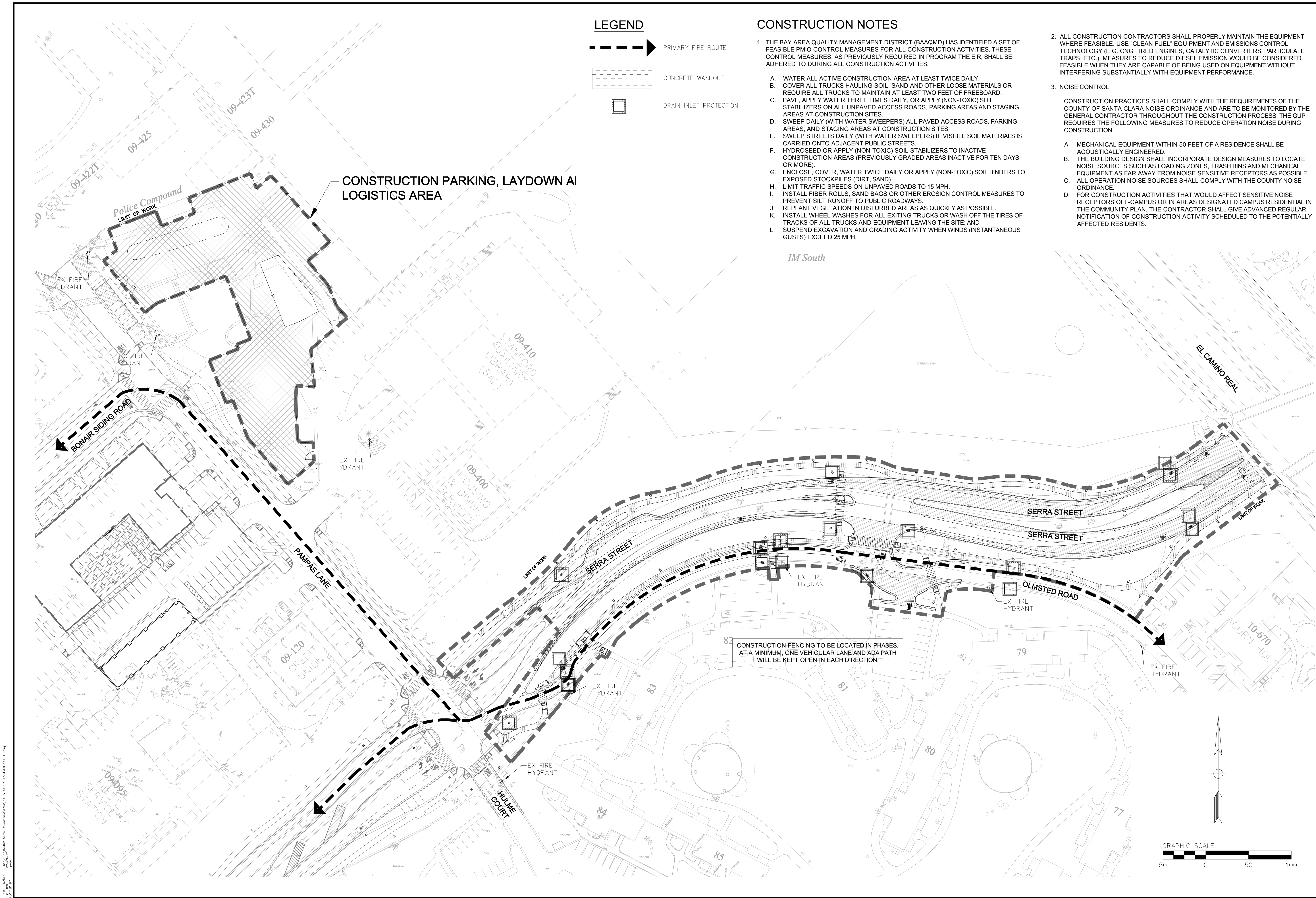
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No.	Revisions

C-6
OF

STANFORD UNIVERSITY
SERRA STREET - PAMPAS TO EL CAMINO REAL
CONSTRUCTION SITE LOGISTICS & SAFETY PLAN
G100
01/31/2022
Scale: 1"=50'
Design: CU
Drawn: CU
Approved: DP
Lib No: 20156102

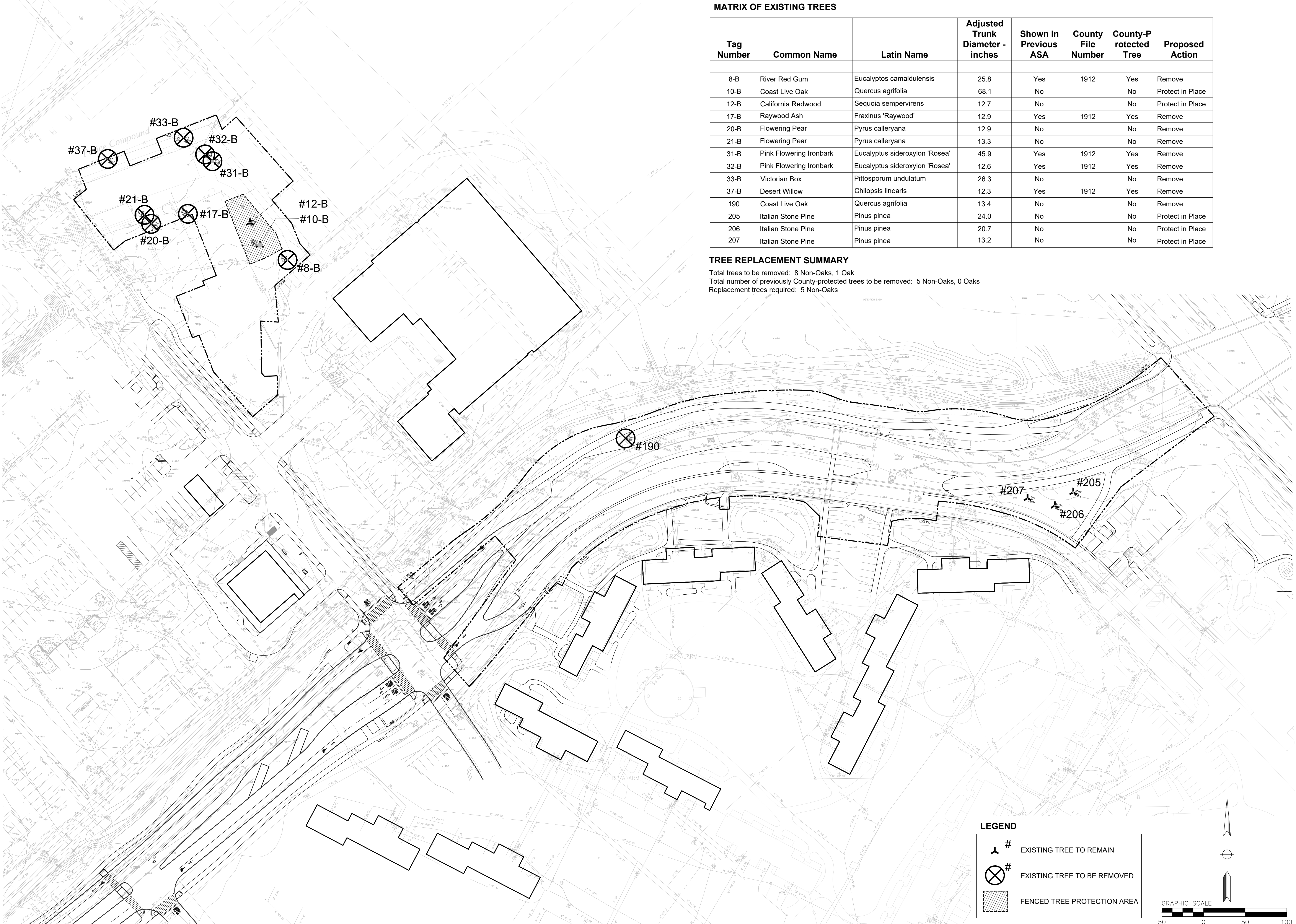


STANFORD UNIVERSITY
SERRA STREET - PAMPAS TO EL CAMINO REAL
CONSTRUCTION SITE LOGISTICS & SAFETY PLAN
STANFORD
SANTA CLARA COUNTY
CALIFORNIA

Revisions	
No.	
1	Date: 01/31/2022
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	Design: CU
	Drawn: CU
	Approved: DP
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Drawing Number:	
G100	
OF	



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Tag Number	Common Name	Latin Name	Adjusted Trunk Diameter - inches	Shown in Previous ASA	County File Number	County-Protected Tree	Proposed Action
8-B	River Red Gum	Eucalyptos camaldulensis	25.8	Yes	1912	Yes	Remove
10-B	Coast Live Oak	Quercus agrifolia	68.1	No		No	Protect in Place
12-B	California Redwood	Sequoia sempervirens	12.7	No		No	Protect in Place
17-B	Raywood Ash	Fraxinus 'Raywood'	12.9	Yes	1912	Yes	Remove
20-B	Flowering Pear	Pyrus calleryana	12.9	No		No	Remove
21-B	Flowering Pear	Pyrus calleryana	13.3	No		No	Remove
31-B	Pink Flowering Ironbark	Eucalyptus sideroxylon 'Rosea'	45.9	Yes	1912	Yes	Remove
32-B	Pink Flowering Ironbark	Eucalyptus sideroxylon 'Rosea'	12.6	Yes	1912	Yes	Remove
33-B	Victorian Box	Pittosporum undulatum	26.3	No		No	Remove
37-B	Desert Willow	Chilopsis linearis	12.3	Yes	1912	Yes	Remove
190	Coast Live Oak	Quercus agrifolia	13.4	No		No	Remove
205	Italian Stone Pine	Pinus pinea	24.0	No		No	Protect in Place
206	Italian Stone Pine	Pinus pinea	20.7	No		No	Protect in Place
207	Italian Stone Pine	Pinus pinea	13.2	No		No	Protect in Place

TREE REPLACEMENT SUMMARY

Total trees to be removed: 8 Non-Oaks, 1 Oak
Total number of previously County-protected trees to be removed: 5 Non-Oaks, 0 Oaks
Replacement trees required: 5 Non-Oaks

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&
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Laguna Beach, CA 92651
Tel: 949.497.4549

SERRA STREET - PAMPAS TO EL CAMINO REAL
Stanford University

ASA - TREE DISPOSITION PLAN

Δ	DATE	REVISIONS

DATE: 23 FEB 2022

SCALE: 1" = 50'- 0"

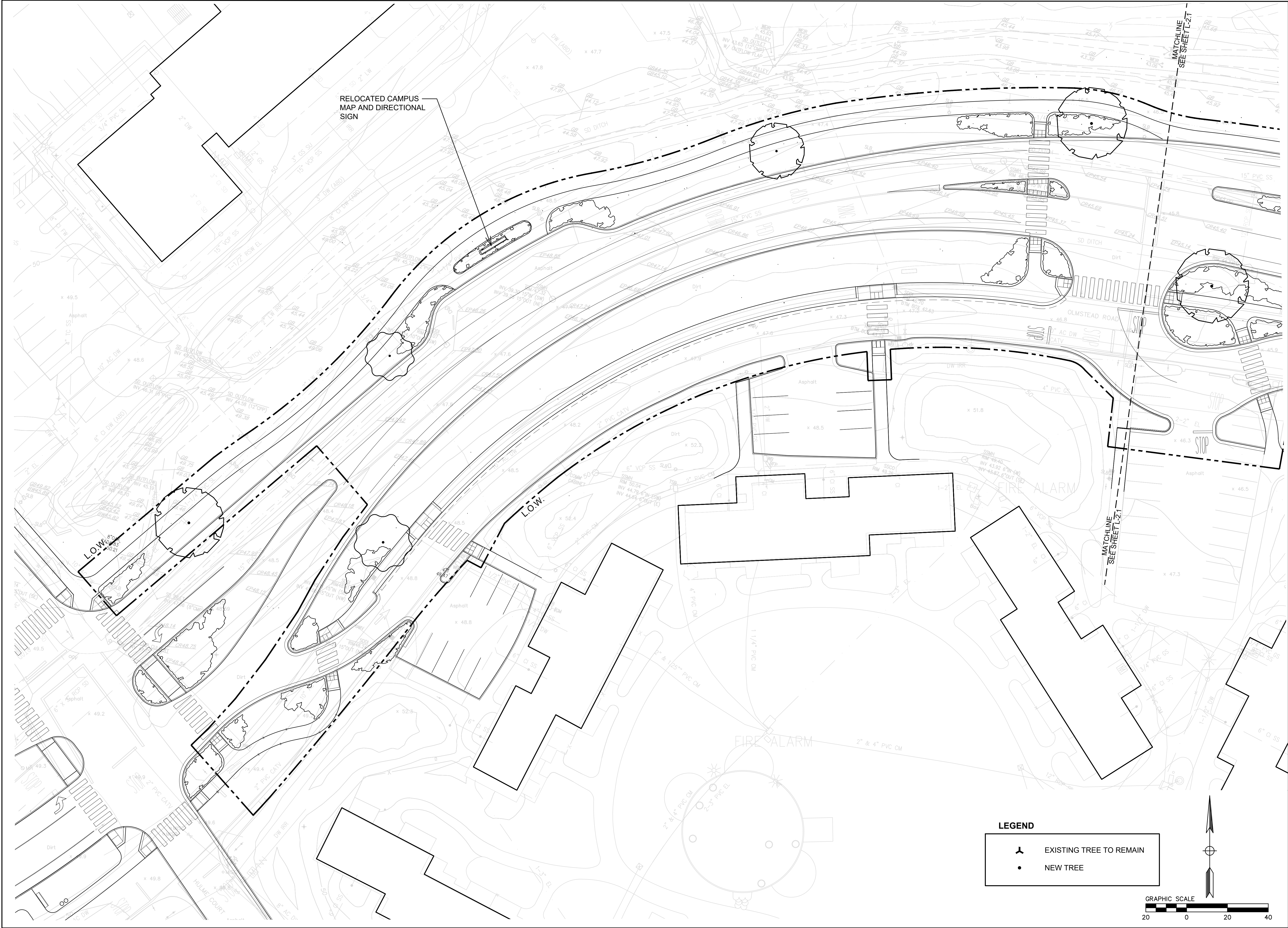
JOB #: STA - 19014

DRAWN: J.F.

CHECKED: S.S.

TITLE: ASA - TREE
DISPOSITION PLAN

SHEET NO.: **L-1.0**

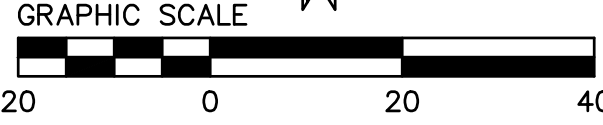
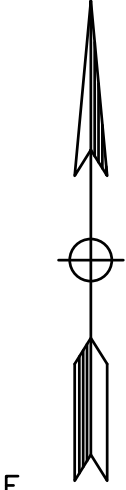


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Tel: 949.497.4549

SERRA STREET - PAMPAS TO EL CAMINO REAL
Stanford University
ASA - ILLUSTRATIVE LANDSCAPE PLAN

A	DATE	REVISIONS			

DATE: 23 FEB 2022
SCALE: 1" = 20'- 0"
JOB #: STA - 19014
DRAWN: J.F.
CHECKED: S.S.
TITLE: ASA ILLUSTRATIVE LANDSCAPE PLAN
SHEET NO.: L-2.0



PRELIMINARY - NOT FOR CONSTRUCTION

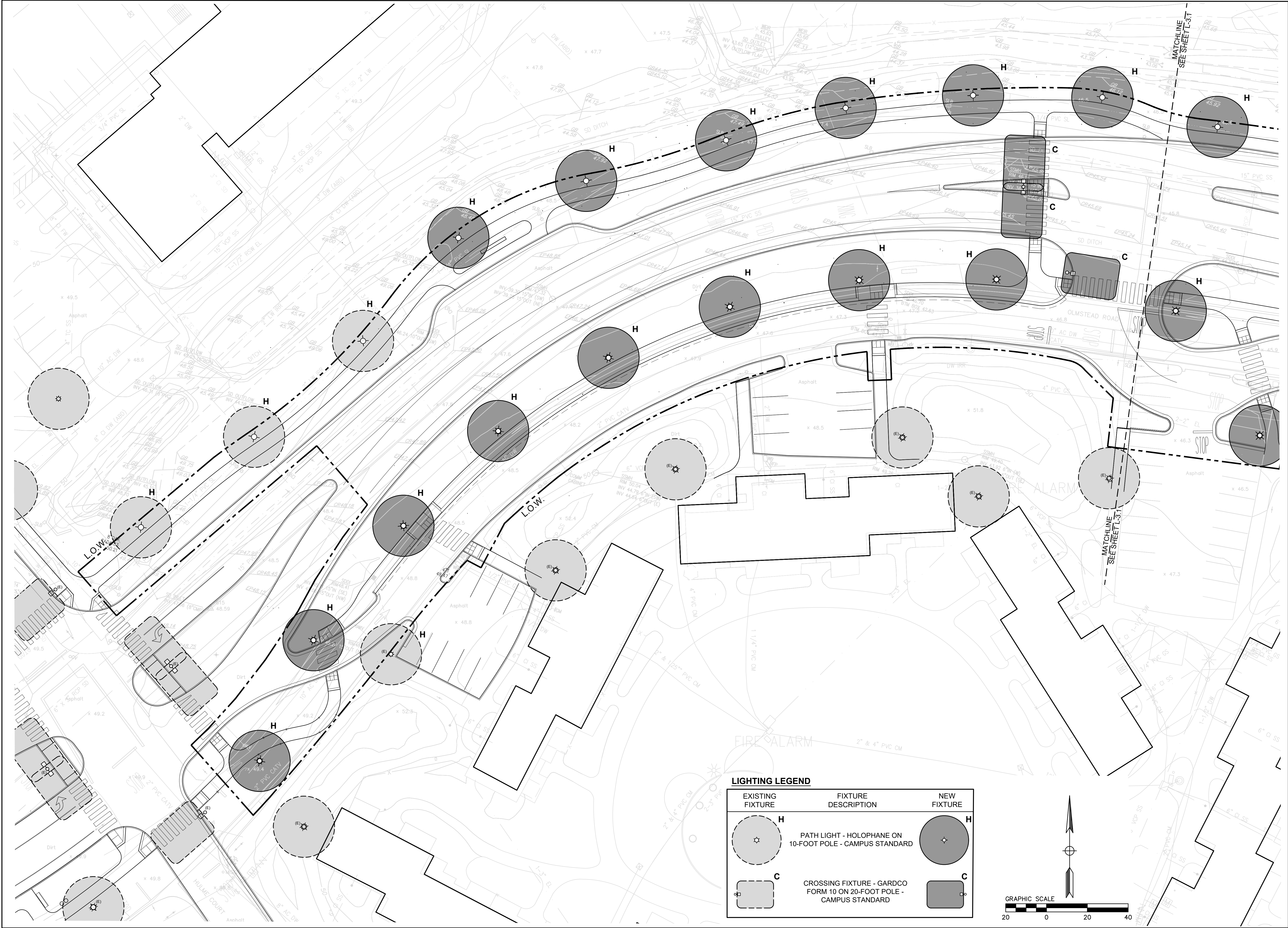
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ASA - ILLUSTRATIVE LANDSCAPE PLAN

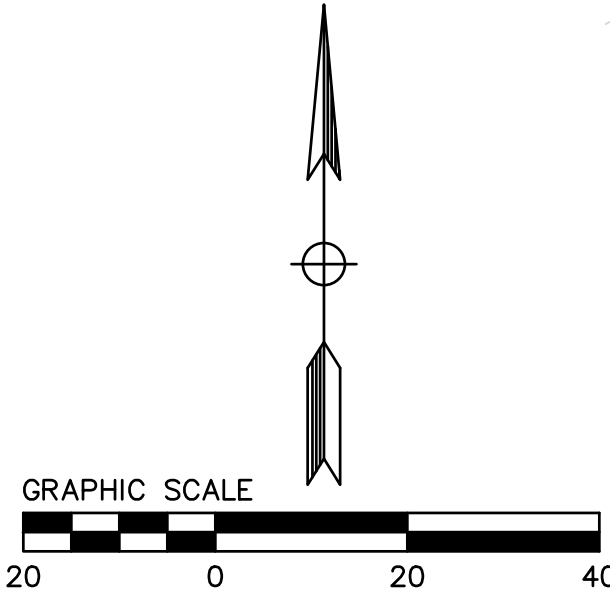
FOR CONSTRUCTION





LIGHTING LEGEND

EXISTING FIXTURE	FIXTURE DESCRIPTION	NEW FIXTURE
	PATH LIGHT - HOLOPHANE ON 10-FOOT POLE - CAMPUS STANDARD	



Sebastian
&
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SERRA STREET - PAMPAS TO EL CAMINO REAL
Stanford University
ASA - PRELIMINARY LIGHTING PLAN

A	DATE	REVISIONS

DATE: 23 FEB 2022
SCALE: 1" = 20'- 0"
JOB #: STA - 19014
DRAWN: J.F.
CHECKED: S.S.
TITLE: ASA PRELIM.
LIGHTING PLAN
SHEET NO.: L-3.0

SERRA STREET - PAMPAS TO EL CAMINO REAL

Stanford University

ASA - PRELIMINARY LIGHTING PLAN

FOR CONSTRUCTION

