

SITE LIGHTING IMPROVEMENTS

SOLANO COMMUNITY COLLEGE DISTRICT

4000 SUISUN VALLEY ROAD, FAIRFIELD, CA 94534

PROJECT NO: 16-015

SUBMITTAL

OWNER:
SOLANO COMMUNITY COLLEGE DISTRICT
 4000 Suisun Valley Road
 Fairfield, CA 94534

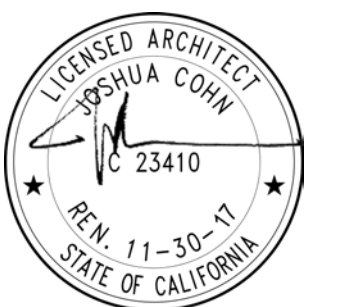
GENERAL NOTES	LEGEND	PROJECT SCOPE	INDEX	PROJECT DIRECTORY
<p>1. FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ACTUAL FIELD CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. THIS SHALL INCLUDE UTILITY LOCATIONS, LOCATIONS OF FIXTURES, BASES AND ALL UTILITY RUNS AND PROPOSED WITH IN-FIELD CONDITIONS FOR CONFORMANCE TO DOCUMENTS.</p> <p>2. ELEVATIONS. ALL ELEVATIONS ARE TO/FROM TOP OF FINISH FLOOR, U.O.N.</p> <p>3. UNOBSTRUCTED ACCESS WITHIN SIDEWALKS AND ROADWAYS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. ALL EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES SHALL BE MAINTAINED FOR THE DURATION OF THE WORK OF THE PROJECT.</p> <p>4. ALL WORK PERFORMED UNDER THESE DOCUMENTS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS. ALL NEW WORK SHALL NOT DIMINISH ANY EXISTING CONDITIONS WITH RESPECT TO THEIR ADHERENCE TO APPLICABLE CODES AND REQUIREMENTS (TYP.). THIS SHALL INCLUDE INSPECTIONS AND SUPERVISION OF WORK BY A LICENSED INSPECTOR OF RECORD (IOR) IN ACCORDANCE WITH DSA.</p> <p>5. THESE DOCUMENTS ARE TO REFLECT GENERAL INTENT OF THE ARCHITECTURAL SCOPE OF WORK. THE INFORMATION SHOWN IN THESE DOCUMENTS SHOW PURPOSE AND INTENT AND ARE NOT COMPLETE IN EVERY DETAIL. THE CONTRACTOR SHALL COMPLY WITH THEIR INTENT AND MEANING, TAKEN AS A WHOLE, AND SHALL NOT AVAIL ITSELF OF ANY MANIFEST ERROR, OMISSION, AND DISCREPANCY OF AMBIGUITY WHICH APPEAR IN THE DOCUMENTS.</p> <p>6. CONTRACTOR SHALL ENGAGE PRIVATE UTILITY LOCATOR TO VERIFY AND LOCATE ANY (E) UTILITIES WITHIN AREA OF SCOPE OF WORK PRIOR TO COMMENCEMENT OF DEMO WORK. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY FOR ANY POTENTIAL CONFLICT WITH PROPOSED WORK FOR FIXTURE RELOCATION.</p> <p>7. PROJECT WILL REQUIRE DSA CERTIFIED IOR/PI FOR COMPLIANCE FOR DSA-999</p> <p>8. PROJECT SHALL INCLUDE LIMITED AREAS IN WHICH NEW CONDUIT MAY PASS BENEATH EXISTING CONCRETE PEDESTRIAN WALKWAYS. CONTRACTOR SHALL, AS PART OF THEIR DUE DILIGENCE BEFORE BIDDING, REVIEW EXISTING CONDITIONS AND DETERMINE BEST LOCATION AND METHOD TO ADDRESS THESE LIMITED AREAS. IF CONTRACTOR ELECTS TO DISRUPT PORTIONS OF THE EXISTING PATHWAYS WITH NEW CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE TO FOLLOW REQUIREMENTS OUTLINED IN THE SCCD DESIGN STANDARDS FOR CONCRETE AND TRENCHING BENEATH WALKWAYS AS WELL AS ADHERE TO REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS.</p>	<p>LEGEND</p> <p>ROOM IDENTIFICATION</p> <p>OFFICE A101 ← ROOM NAME 101 ← ROOM NUMBER 101 ← USER ROOM NUMBER</p> <p>KEY NOTE</p> <p>① ← CORRESPONDING NOTE NUMBER</p> <p>⬠ ← WINDOW TAG</p> <p>▲ ← ADDITIVE ALTERNATE REFERENCE ▲ ← CORRESPONDING NOTE NUMBER</p>	<p>PROJECT SCOPE</p> <p>PROJECT SCOPE. SCOPE OF WORK SHALL INCLUDE THE REPLACEMENT OF EXISTING LIGHTING HEADS ON EXISTING LIGHT POLES WITH NEW HEADS AS IDENTIFIED IN THE DOCUMENTS. WORK SHALL ALSO INCLUDE THE INSTALLATION OF NEW POLES, BASES, HEADS IN LOCATIONS AS IDENTIFIED IN THE DOCUMENTS. CONTRACTOR'S BIDS SHALL INCLUDE ALL WIRING, DEVICES, CONNECTIONS, BASES AND BOXES TO POWER AND ILLUMINATE THE NEW LIGHTING SCOPE OF WORK SHOWN IN THE DOCUMENTS. CONTRACTOR SHALL PROVIDE A BASE BID AND ADDITIVE ALTERNATE BIDS AS DEFINED IN THE DOCUMENTS. CONTRACTOR SHALL FIRST PERFORM A UTILITY LOCATION SURVEY USING A PRIVATE LOCATOR FOR ALL AREAS OF NEW WORK AND SHALL, IF UTILITY CONFLICTS EXIST WITH PROPOSED WORK, REPORT TO THE ARCHITECT AND SCCD PRIOR TO CONSTRUCTION FOR RELOCATION OF FIXTURE AND/OR ROUTING.</p> <p>COST OF CONSTRUCTION FOR FINAL AREAS FOR RENOVATION IS ESTIMATED TO BE LESS THAN \$150,244.00. THERE WILL BE NO STRUCTURAL WORK AS PART OF THIS PROJECT SCOPE. LIGHT FIXTURES SHALL NOT EXCEED 24"-0" IN HEIGHT.</p> <p>PROJECT DOCUMENTS SHALL INCLUDE PROJECTS SPECIFICATIONS.</p> <p>THE PROJECT SITE IS LOCATED OUTSIDE THE FLOOD PLAIN.</p>	<p>INDEX</p> <p>GENERAL DRAWINGS</p> <p>0.00 COVER SHEET, INDEX</p> <p>U1 EXISTING UTILITY</p> <p>DRAWINGS</p> <p>EL 100 SITE LIGHTING IMPROVEMENTS</p> <p>EL 101 ENLARGED PLAN BASE BID #1 & #2 & ALTERNATE #1 & #2</p> <p>EL 102 CUT SHEETS & DETAILS</p> <p>EL 103 INSTALLATION DETAILS</p> <p>PROJECT SHALL NOT BE COMPLETED WITHOUT PROJECT SPECIFICATIONS.</p>	<p>PROJECT DIRECTORY</p> <p>DISTRICT</p> <p>NAME SOLANO COMMUNITY COLLEGE DISTRICT ADDRESS 4000 SUISUN VALLEY ROAD FAIRFIELD CA 94534 PHONE 707-864-7112 PHONE 707-864-7197</p> <p>CM</p> <p>NAME KITCHELL CEM - JASON YI ADDRESS 360 CAMPUS LANE, SUITE 203 FAIRFIELD, CA 94534 PHONE 916-540-6629 PHONE 707-864-7189 E-MAIL Jason.Yi@solano.edu</p> <p>ARCHITECT</p> <p>NAME CA ARCHITECT ADDRESS 475 GATE 5 ROAD, SUITE 107 SAUSALITO, CA 94965 PHONE 415-331-7655 PHONE 415-331-7665 E-MAIL jjohn@ca-arch.com</p> <p>ELECTRIC</p> <p>NAME WULFF ELECTRIC ADDRESS 820 EURANKS DR. VACAVILLE, CA PHONE PHONE E-MAIL aw@wulffelectric.com</p>
			CAMPUS MAP	
		<p style="text-align: center;">NOTE: SEE DOCUMENTS FOR BASE BID AREAS #1, #2 & ADD ALTERNATE AREAS #1 & #2</p> <p style="text-align: center;">AREA OF STUDY</p>		
	CODES & REGULATIONS			
	<p>2013 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.</p> <p>2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2009 INTERNATIONAL BUILDING CODE AND 2010 CALIFORNIA AMENDMENTS)</p> <p>2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2008 NATIONAL ELECTRICAL CODE AND 2010 CALIFORNIA AMENDMENTS)</p> <p>2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2009 UNIFORM MECHANICAL CODE AND 2010 CALIFORNIA AMENDMENTS)</p> <p>2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2009 UNIFORM PLUMBING CODE AND 2010 CALIFORNIA AMENDMENTS)</p> <p>2013 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. - WHERE APPLICABLE</p> <p>2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2009 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)</p> <p>2013 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R. (WHERE APPLICABLE)</p> <p>2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.</p> <p>TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.</p> <p>PARTIAL LIST OF APPLICABLE STANDARDS:</p> <p>NFPA 13, AUTOMATIC SPRINKLER SYSTEMS, 2013 EDITION</p> <p>NFPA 72, NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED), 2013 EDITION</p> <p>NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVES, 2013 EDITION</p> <p>NFPA 2012, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, 2012 EDITION</p> <p>REFERENCE CODE SECTION FOR NFPA STANDARDS - 2013 CBC (SFM) CHAPTER 35. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.</p>			
		<p>PARTIAL SITE PLAN</p> <p>INFORMATION FURNISHED BY SCCD</p>		

ARCHITECT:
CA ARCHITECTS
 475 Gate Five Road, Suite 107
 Sausalito, CA 94965
 T 415.331.7655
 F 415.331.7656

PROJECT:
 SITE LIGHTING IMPROVEMENTS

CONSULTANT TEAM:

STAMP



SHEET LEGEND:

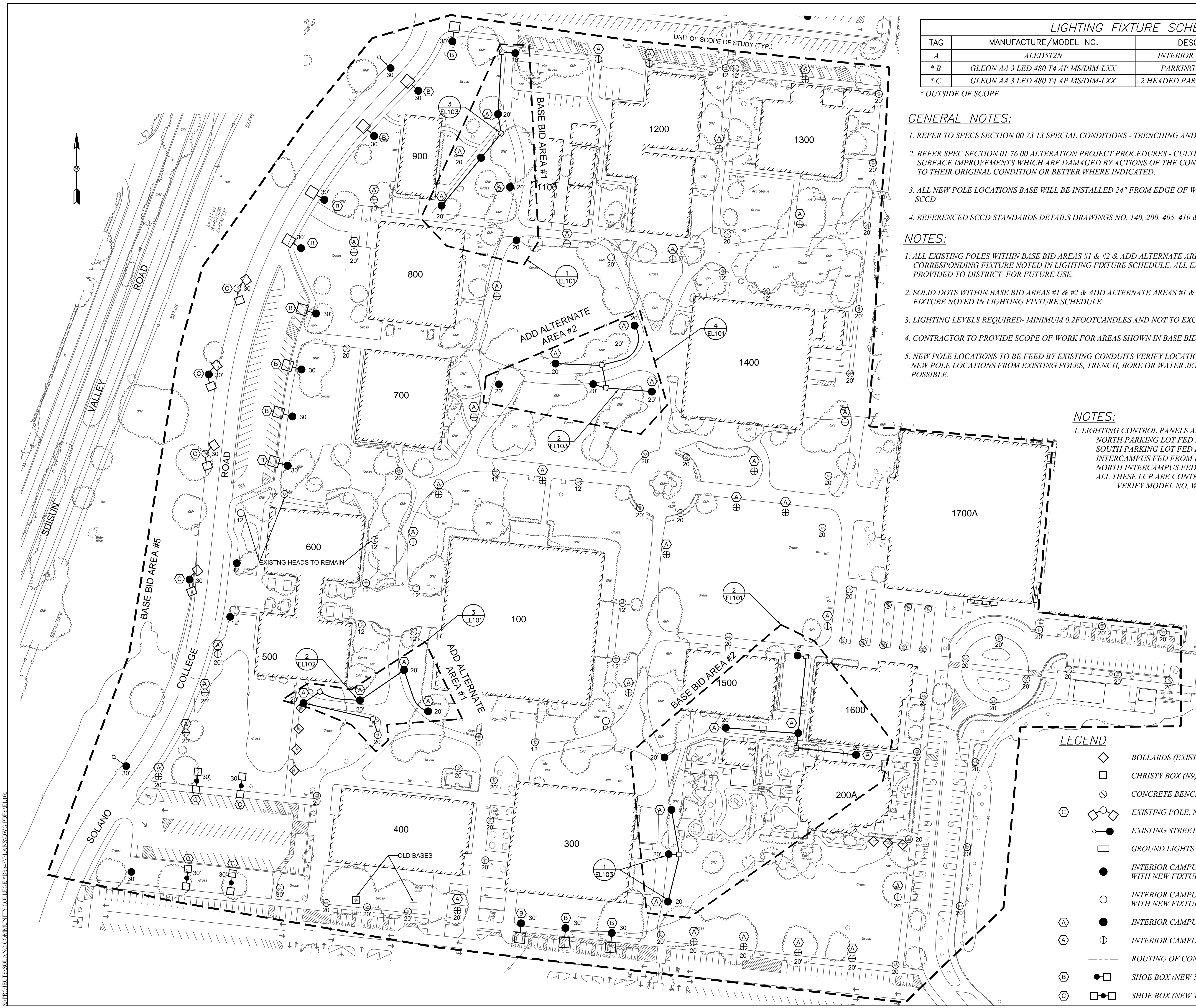
ISSUE/REVISION:
 NO: DATE: DESCRIPTION:
 03/17/2016 ISSUE FOR BID

KEY PLAN:

SCALE:
 DATE: 03/17/2016
 PROJECT NO: 16-015
 PERMIT APPLICATION NO.:

COVER SHEET
INDEX

0.00



LIGHTING FIXTURE SCHEDULE			
TAG	MANUFACTURE/MODEL NO.	DESCRIPTION	POLE HEIGHTS
A	ALED5T2N	INTERIOR CAMPUS POLE	20'-0"
* B	GLEON AA 3 LED 480 T4 AP MS/DIM-LXX	PARKING LOT FIXTURE	30'-0"
* C	GLEON AA 3 LED 480 T4 AP MS/DIM-LXX	2 HEADED PARKING LOT FIXTURE	30'-0"

* OUTSIDE OF SCOPE

GENERAL NOTES:

- REFER TO SPECS SECTION 00 73 13 SPECIAL CONDITIONS - TRENCHING AND PATCHING ACROSS ROADWAYS AND SIDEWALKS.
- REFER SPEC SECTION 01 76 00 ALTERATION PROJECT PROCEDURES - CULTIVATED AND PLANTED AREAS AND OTHERS SURFACE IMPROVEMENTS WHICH ARE DAMAGED BY ACTIONS OF THE CONTRACTOR SHALL BE RESTORED BY CONTRACTOR TO THEIR ORIGINAL CONDITION OR BETTER WHERE INDICATED.
- ALL NEW POLE LOCATIONS BASE WILL BE INSTALLED 24" FROM EDGE OF WALKWAY UNLESS DIRECTED DIFFERENTLY BY THE SCCD
- REFERENCED SCCD STANDARDS DETAILS DRAWINGS NO. 140, 200, 405, 410 & 420

NOTES:

- ALL EXISTING POLES WITHIN BASE BID AREAS #1 & #2 & ADD ALTERNATE AREAS #1 & #2 TO HAVE HEADS REPLACED WITH CORRESPONDING FIXTURE NOTED IN LIGHTING FIXTURE SCHEDULE. ALL EXISTING FIXTURES TO BE REPLACED SHALL BE PROVIDED TO DISTRICT FOR FUTURE USE.
- SOLID DOTS WITHIN BASE BID AREAS #1 & #2 & ADD ALTERNATE AREAS #1 & #2 SHOW NEW POLE LOCATIONS CORRESPONDING FIXTURE NOTED IN LIGHTING FIXTURE SCHEDULE
- LIGHTING LEVELS REQUIRED- MINIMUM 0.2FOOTCANDLES AND NOT TO EXCEED 5.0FOOTCANDLES.
- CONTRACTOR TO PROVIDE SCOPE OF WORK FOR AREAS SHOWN IN BASE BID AREAS #1 & #2 & ADD ALTERNATE AREAS #1 & #2.
- NEW POLE LOCATIONS TO BE FEED BY EXISTING CONDUITS VERIFY LOCATIONS OF EXISTING CONDUIT INFIELD. TO REACH NEW POLE LOCATIONS FROM EXISTING POLES, TRENCH, BORE OR WATER JET AS NEEDED TRENCHING TO BE AVOIDED WHEN POSSIBLE.

NOTES:

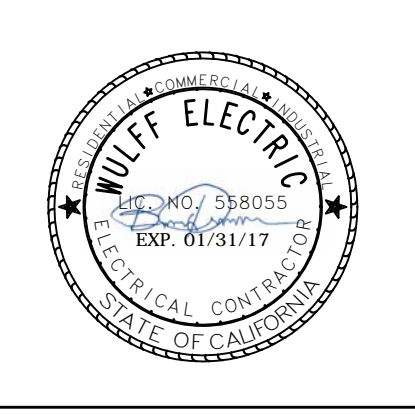
- LIGHTING CONTROL PANELS ARE LOCATED IN THE FOLLOWING BUILDINGS:
 NORTH PARKING LOT FED FROM BUILDING 1900 @480V
 SOUTH PARKING LOT FED FROM BUILDING 300 @480V
 INTERCAMPUS FED FROM BUILDING 100 @277V
 NORTH INTERCAMPUS FED FROM BUILDING 1400 @277V
 ALL THESE LCP ARE CONTROLLED BY EMS DELTA CONTROLLER.
 VERIFY MODEL NO. WITH SCCD.

LEGEND

- ◇ BOLLARDS (EXISTING)
- CHRISTY BOX (N9)
- CONCRETE BENCH LIGHTS (EXISTING)
- ⊕ EXISTING POLE, NEW HEAD 135° SPREAD, OUTSIDE OF SCOPE
- EXISTING STREET POLE
- GROUND LIGHTS
- INTERIOR CAMPUS POLE (EXISTING) REMOVE HEAD AND REPLACE WITH NEW FIXTURE "A"
- INTERIOR CAMPUS POLE (EXISTING) REMOVE HEAD AND REPLACE WITH NEW FIXTURE "A"
- INTERIOR CAMPUS POLE AND HEAD (NEW)
- ⊕ INTERIOR CAMPUS POLE (NEW), OUTSIDE OF SCOPE
- ROUTING OF CONDUIT BELOW GRADE (TYP.)
- ⊕ SHOE BOX (NEW SINGLE) OUTSIDE OF SCOPE
- ⊕ SHOE BOX (NEW TWINS) OUTSIDE OF SCOPE

Wulff Electric
 820 EUBANKS DR.
 VACAVILLE, CA
 (707) 447-3920

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SOLANO COMMUNITY COLLEGE
 4000 SUISUN VALLEY ROAD
 FAIRFIELD, CA 94534

SITE LIGHTING IMPROVEMENTS

NUMBER	REVISION	DATE

ISSUED FOR:	03/17/16
DATE:	02/15/16
SCALE:	1"=60'
DRAWN:	FL

SHEET
EL100

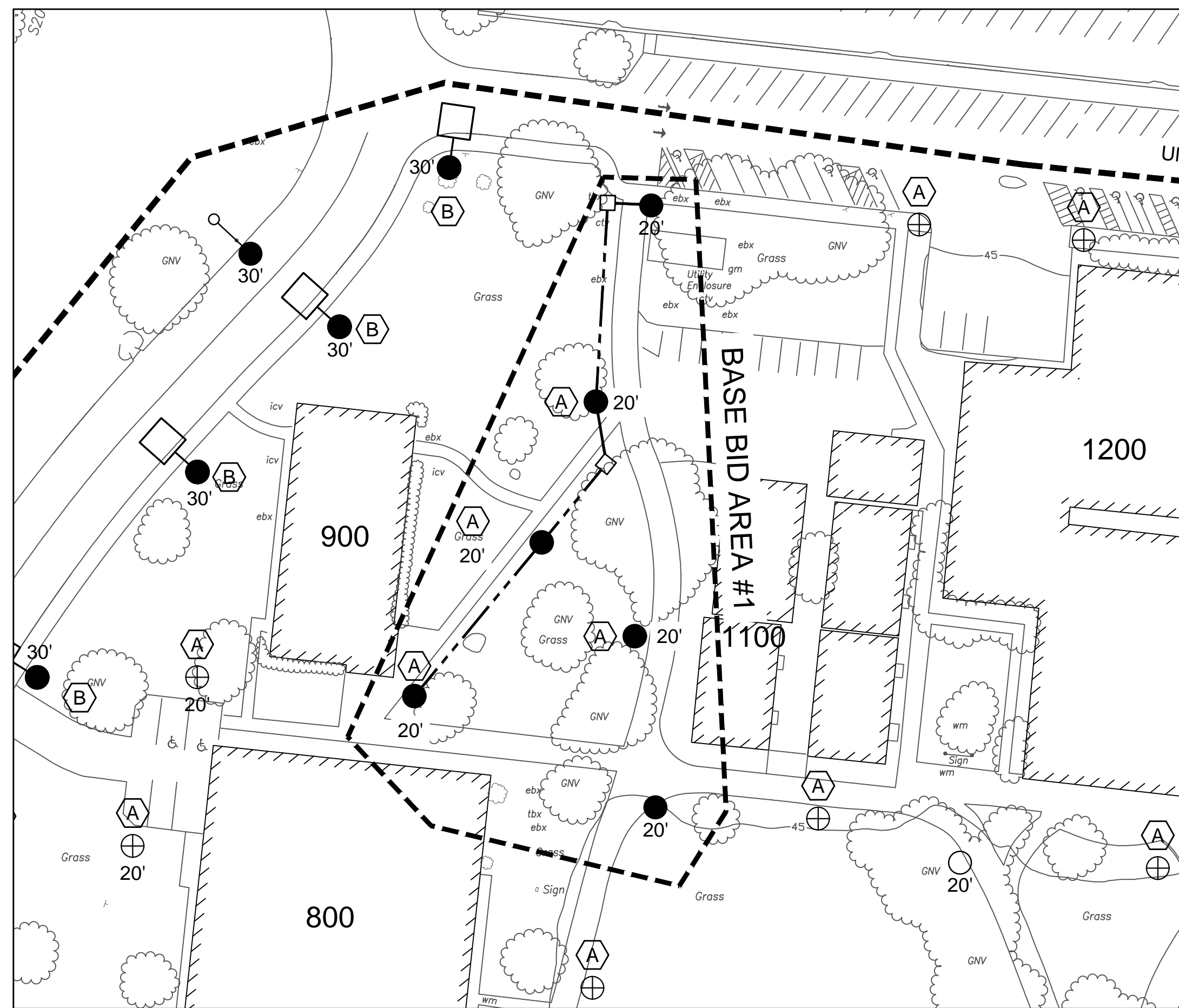
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LIGHTING FIXTURE SCHEDULE			
TAG	MANUFACTURE/MODEL NO.	DESCRIPTION	POLE HEIGHTS
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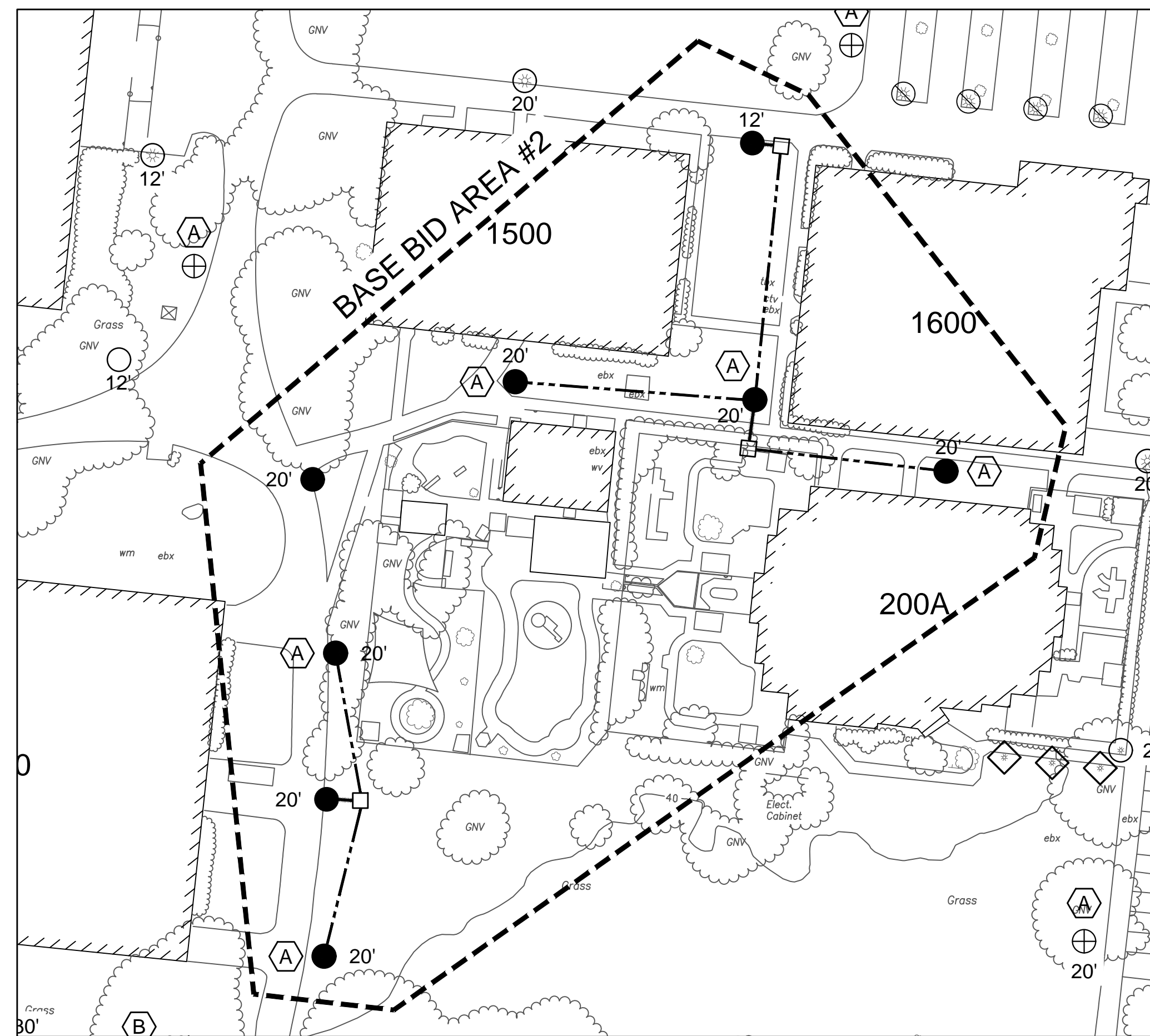
* OUTSIDE OF SCOPE

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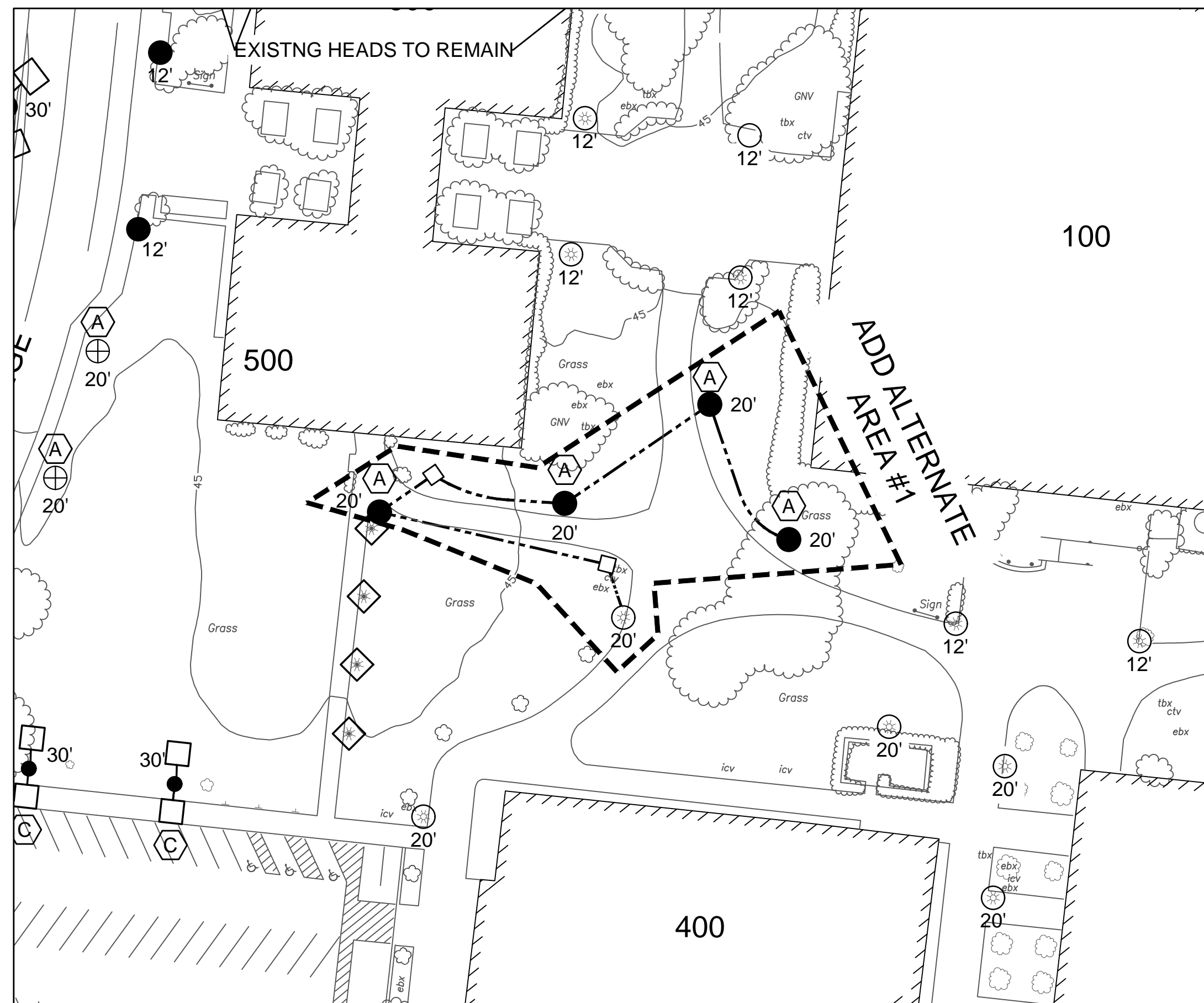
- ALL EXISTING POLES TO HAVE HEADS REPLACED WITH (ALED5T2N) BY RAB LIGHTING. UNLESS OTHERWISE NOTED. ALL EXISTING FIXTURES TO BE REPLACED SHALL BE PROVIDED TO DISTRICT FUTURE USE.
- LIGHTING LEVELS REQUIRED-MINIMUM 0.2FOOTCANDLES AND NOT TO EXCEED 5.0FOOTCANDLES.



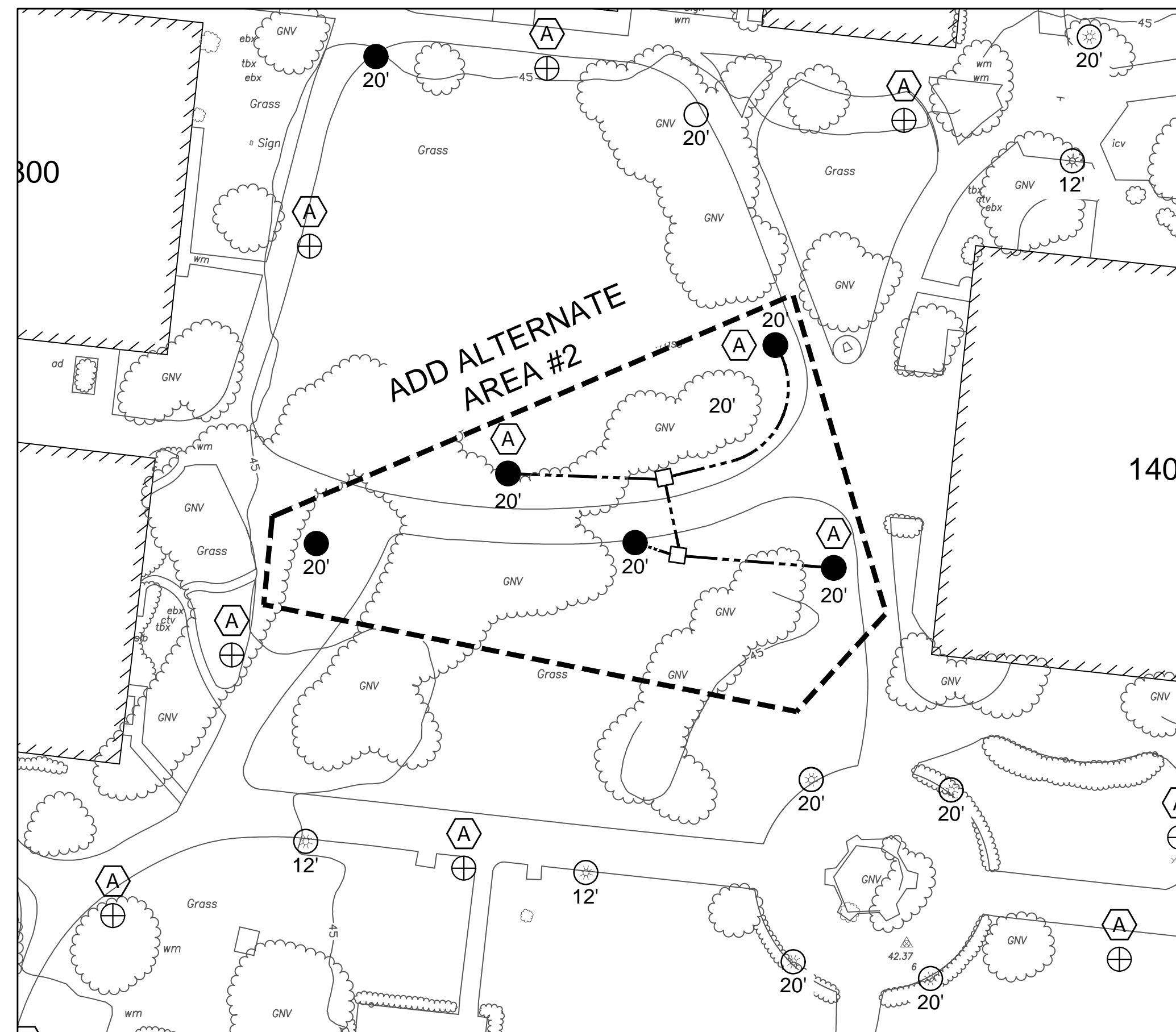
① BASE BID AREA #1
SCALE: 1/4"=1'-0"



② BASE BID AREA #2
SCALE: 1/4"=1'-0"



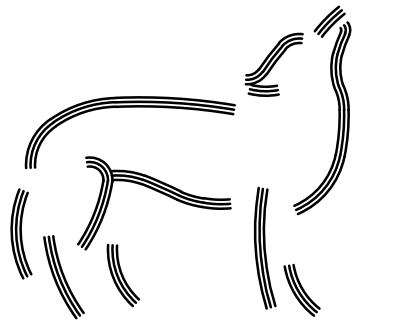
③ ADD ALTERNATE AREA #1
SCALE: 1/4"=1'-0"



④ ADD ALTERNATE AREA #2
SCALE: 1/4"=1'-0"

LEGEND

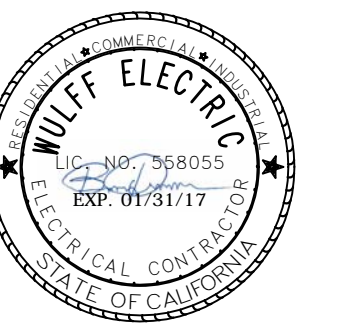
- ◇ BOLLARDS (EXISTING)
- CHRISTY BOX (N9)
- CONCRETE BENCH LIGHTS (EXISTING)
- ⊕ EXISTING POLE, NEW HEAD 135° SPREAD
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- SHOE BOX (NEW SINGLE)
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SOLANO COMMUNITY COLLEGE
4000 SUISUN VALLEY ROAD
FAIRFIELD, CA 94534

ENLARGED PLAN
BASE BID AREAS
#1 & #2
&
ADD ALTERNATE
AREAS
#1 & #2

NUMBER	REVISION	DATE

ISSUED FOR:	03/17/16
DATE:	02/15/16
SCALE:	AS NOTED
DRAWN:	FL

SHEET
EL101

