

ADDENDUM TO THE CONTRACT DOCUMENTS

	ADDENDUM NO. 002
	Project: Solano Community College District Aeronautics Nut Tree Facility Improvements Project Project Number: 22-008
	Date: March 15, 2022

Addendum No. 002 – The following clarifications are provided and must be added/considered when completing your bid: Acknowledgement of receipt of this **Addendum No. 002**, is required on the Bid Form. Please clearly note the addendum date and number.

ITEM NO. 1 – GENERAL INFORMATION

1.1. ADDITIONAL SITE PHOTOS

- Additional site photos are available for reference. Photos have been added to the link provided in the Virtual Pre-Bid Conference.
<https://app.box.com/s/vj8l7ivge305uh8y6p075z78avxxnwp>

ITEM NO. 2 – DRAWINGS

2.1. UPDATED SHEETS

- Remove and replace sheets C1.0, C1.1, C2.0, C3.0, and C4.0 with updated sheets C1.0, C1.1, C2.0, C3.0, and C4.0. Updates to sheets have been marked with a “Delta 3” symbol, drawings dated 03/14/22.

ITEM NO. 3 – RESPONSES TO QUESTIONS SUBMITTED

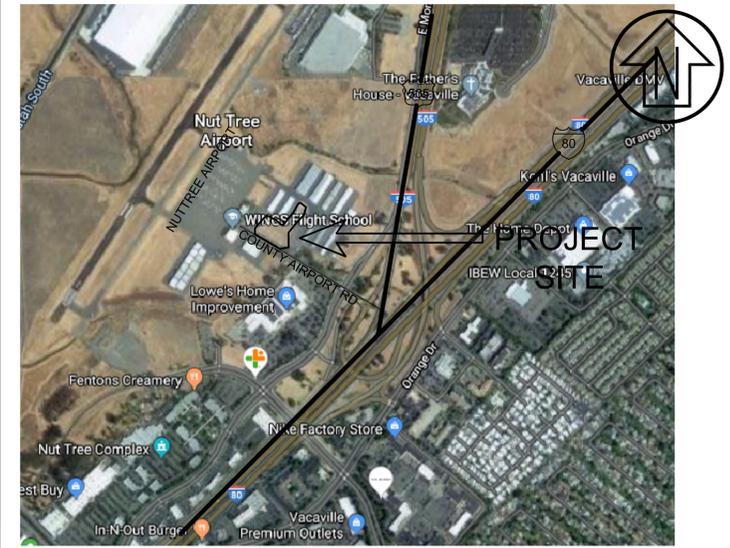
3.1. *None*

List of Attachments:

- Sheets C1.0, C1.1, C2.0, C3.0, C4.0, and C4.0. “Delta 3” set, dated 03/14/2022

END OF DOCUMENT

AERONAUTICS SEWER CONNECTION AND PARKING LOT EXPANSION PROJECT FOR SOLANO COMMUNITY COLLEGE VACAVILLE, CALIFORNIA



VICINITY MAP
SCALE: NTS

Rev	Date	Description	Designed	Drawn	Checked
	03/14/22	REVISED SAWCUT LINE & ADDED CAT6 CABLE			
	02/28/22	2ND SUBMITTAL TO CITY OF VACAVILLE			
	11/12/21	2ND SUBMITTAL TO COUNTY			
	05/27/21	CD SUBMITTAL TO THE COUNTY			
	03/09/21	CD SUBMITTAL TO THE DISTRICT			
	10/09/20	CD SUBMITTAL TO THE DISTRICT			
	05/27/20	DD SUBMITTAL TO DISTRICT			

SYMBOLS

EXISTING	PROPOSED

LINETYPES

EXISTING	PROPOSED

ABBREVIATIONS

AB	AGGREGATE BASE	FL	FLOWLINE	SSCO	SANITARY SEWER CLEANOUT
AC	ASPHALT CONCRETE	FS	FINISH SURFACE	SSFM	SANITARY SEWER FORCE MAIN
DI	DROP INLET	GB	GRADE BREAK	SSMH	SANITARY SEWER MANHOLE
DL	DAYLIGHT	HP	HIGH POINT	SW	SIDEWALK
DWY	DRIVEWAY	INV	INVERT	TC	TOP OF CURB
EG	EXISTING GRADE	LF	LINEAR FEET	TG	TOP OF GRATE
EL	ELEVATION	LP	LOW POINT	TW	TOP OF WALL
EP	EDGE OF PAVEMENT	MH	MANHOLE	tw	TOE OF WALL
(E)	EXISTING	RW	RIGHT OF WAY	VIF	VERIFY IN FIELD
FF	FINISH FLOOR	SD	STORM DRAIN		
FG	FINISH GRADE	SF	SQUARE FEET		
FH	FIRE HYDRANT	SS	SANITARY SEWER		

SHEET INDEX

C1.0	COVER SHEET
C1.1	GENERAL NOTE SHEET
C2.0	SITE PLAN
C3.0	GRADING, DRAINAGE, & UTILITY
C4.0	DETAILS
E1.0-E3.0	ELECTRICAL PLANS

GENERAL COMMENTS

1. PROVIDE ALL TECHNICAL SPECIFICATION SECTIONS NEEDED FOR WORK: TRENCHING/BACKFILLING, DEMO, PAVING, PAVING MARKINGS, TRUNCATED DOMES, CONCRETE, ETC.
2. NEW TRUNCATED DOME FOR ADA PATH OF TRAVEL
3. EXISTING QUANTITY OF ASPHALT CONCRETE = 5,200 SQ. FT.
4. NEW QUANTITY OF ASPHALT CONCRETE = 11,700 SQ. FT.
5. 37 NEW WHEEL STOPS
6. 37 NEW PAVEMENT STRIPS FOR PARKING STALLS

SCOPE OF WORK

1. REPAVE EXISTING AERONAUTICS FACILITY PARKING LOT
2. EXPAND EXISTING PARKING LOT
3. INSTALL SITE LIGHTING
4. REMOVE EXISTING SEPTIC TANK
5. INSTALL SEWER PUMP STATION AND FORCE MAIN TO DISCHARGE TO CITY SEWER

BASIS OF TOPOGRAPHY

TOPOGRAPHY SHOWN WAS PERFORMED BY FIELD SURVEY ON JULY 15-17, 2019.

VERTICAL DATUM

VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) PER CONTROL ON PREVIOUS SCCD PROJECTS.

HORIZONTAL DATUM

HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983 (NAD83) PER GPS CONTROL ON PREVIOUS SCCD PROJECTS.

**AERONAUTICS IMPROVEMENTS
COVER SHEET
SOLANO COMMUNITY COLLEGE**

City Of
Vacaville

County Of
Solano

State Of
California

Prepared Under the Direction of:



Sheet

C1.0

Scale: N/A

Date: 01/28/20

Project Number: 1910179

Plan File:

GENERAL NOTES

1

- WORK SHOWN HEREON SHALL BE DONE IN ACCORDANCE WITH THE COUNTY OF SOLANO, STANDARD CONSTRUCTION PLANS AND SPECIFICATIONS, LATEST EDITION, THE 2019 CBC CHAPTER 11B ADA STANDARDS, AND UTILITY COMPANY'S STANDARD PLANS AND SPECIFICATIONS AS APPLICABLE, LATEST EDITION.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- CONTRACTOR SHALL HOLD HARMLESS THE COUNTY AND ITS AUTHORIZED REPRESENTATIVES FROM ALL LIABILITIES AND DAMAGES RESULTING FROM HIS CONSTRUCTION OPERATIONS.
- PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING CONDITIONS AND NEW CONSTRUCTION FOR GRADING, DRAINAGE, UNDERGROUND, AND OVERHEAD FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND OR AT GRADE FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION OPERATIONS UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL CONTRACT DOCUMENTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- ALL EASEMENTS OR OTHER ENCUMBRANCES SHOWN OR REFERENCED IN THESE PLANS OR DISCLOSED IN THE TITLE REPORT ARE SUBJECT TO INHERENT OR EXPLICIT RESTRICTIONS. THE OWNER IS RESPONSIBLE FOR DETERMINING THE IMPACT OF THESE RESTRICTIONS ON HIS OR HER INTENT FOR THE PROPERTY.
- CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING UNDERGROUND, AT-GRADE OR OVERHEAD IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER, INCLUDING PERMANENT TRENCH RESURFACING.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS INCLUDING ENCROACHMENT PERMIT FROM THE COUNTY PRIOR TO ANY WORK IN THE PUBLIC RIGHT-OF-WAY.
- TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST "MANUAL OF TRAFFIC CONTROLS" PUBLISHED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE COUNTY FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO BE AWARE OF AND PROTECT ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
- WATER SHALL BE PROVIDED ONSITE BY THE CONTRACTOR AND USED TO CONTROL DUST DURING CONSTRUCTION OPERATIONS.
- OUTDOOR NOISE-GENERATING CONSTRUCTION ACTIVITIES (INCLUDING BUT NOT LIMITED TO RAPID IMPACT COMPACTION (RIC) GRADING, TRENCHING, CONCRETE PLACEMENT, SAWING AND HAMMERING) SHALL BE LIMITED TO THE HOURS BETWEEN 7AM AND 5PM, MONDAY THROUGH FRIDAY. FOR QUESTIONS REGARDING CONSTRUCTION HOURS AND/OR RELATED NOISE, PLEASE CONTACT OWNER.
- CONTRACTOR SHALL COMPLY FULLY WITH THE REQUIREMENTS OF ASSEMBLY BILL 2040, DAVIS, ASBESTOS.
- IF SIGNIFICANT CULTURAL MATERIALS ARE EXPOSED OR DISCOVERED DURING EITHER SITE CLEARING OR SUBSURFACE CONSTRUCTION, ALL OPERATIONS SHOULD STOP WITHIN 25 FEET OF THE FIND AND A QUALIFIED PROFESSIONAL ARCHAEOLOGIST CONTACTED FOR FURTHER REVIEW AND RECOMMENDATIONS. POTENTIAL RECOMMENDATIONS COULD INCLUDE EVALUATION, COLLECTION, RECORDATION, ANALYSIS, ETC. OF ANY SIGNIFICANT CULTURAL MATERIALS FOLLOWED BY PREPARATION OF A PROFESSIONAL REPORT. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE OTHER GOVERNING JURISDICTION OF ANY DISCOVERIES.
- SIGNIFICANT PREHISTORIC CULTURAL RESOURCES ARE DEFINED AS HUMAN BURIALS, FEATURES OR OTHER CLUSTERING OF FINDS MADE, MODIFIED OR USED BY NATIVE AMERICAN PEOPLES IN THE PAST. THE PREHISTORIC AND PROTOHISTORIC INDICATORS OF PRIOR CULTURAL OCCUPATION BY NATIVE AMERICANS INCLUDE ARTIFACTS AND HUMAN BONE, AS WELL AS SOIL DISCOLORATION, SHELL, ANIMAL BONE, SANDSTONE COBBLES, ASHY AREAS, AND BAKED OR VITRIFIED CLAYS.
- IF, AT ANY TIME DURING GRADING OPERATIONS, ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, GRADING IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
- ALL DEBRIS, EXCESS, AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF

MATERIAL TO AND FROM THE SITE.

- ALL FILL SOILS OR SOILS DISTURBED OR OVER-EXCAVATED DURING CONSTRUCTION SHALL BE COMPACTED PER THE REQUIREMENTS OF THE SOIL REPORT BUT NOT LESS THAN 90% MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D-1557.
- ALL GRADED BANK TOPS AND TOES SHALL BE ROUNDED.
- THE PROPOSED GRADE AS SHOWN IN THE DRAWINGS IS THE FINISH GRADE AND NOT THE ROUGH GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE TO ACCOMMODATE FOR THE THICKNESS OF THE TOP SECTIONS (ROADWAY, CONCRETE, TOPSOIL, ETC.) TO ARRIVE AT THE ROUGH GRADE ELEVATION. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL ADJUSTMENTS TO ACCOMMODATE TRENCH OR FOUNDATION SPOILS, OR ITEMS AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
- ALL RAMPS AND OTHER ACCESSIBILITY ACCOMMODATIONS ARE INTENDED TO COMPLY WITH THE CURRENT STANDARDS UNDER THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER IF ANY PROPOSED IMPROVEMENTS ARE NOT CONSISTENT WITH THE STANDARDS.
- ALL STREETS SHALL BE SWEEP AND KEPT CLEAN AT THE END OF EACH DAY AND SHALL COMPLY WITH ALL APPLICABLE RWQCB REQUIREMENTS FOR THE DURATION OF THE PROJECT WORK.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, INCLUDING NPDES, FROM THE APPROPRIATE JURISDICTIONAL AGENCIES FOR DISCHARGE OF GROUNDWATER THAT MAY BE NECESSARY TO ACCOMPLISH WORK SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (800-227-2600) A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION.
- THE CONTRACTOR SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5' OR DEEPER. ALL TRENCHES 5' IN DEPTH OR GREATER SHALL BE SHORED AND BRACED ACCORDING TO STATE LAW.
- UTILITIES AS SHOWN CONFORM TO AVAILABLE RECORD DATA. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND DEPTHS BY POT-HOLING OF ALL UTILITIES WITH APPROPRIATE AGENCIES, AND TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE AGENCY AND TO THE CIVIL ENGINEER.
- IT SHALL BE THE PAVING CONTRACTOR'S RESPONSIBILITY TO RESTORE STREET AND SIDEWALK SUBGRADES DISTURBED DURING UNDERGROUND UTILITY CONSTRUCTION. ALL EXISTING STREET IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IN CONFORMANCE WITH COUNTY OF SOLANO STANDARD CONSTRUCTION PLANS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE COUNTY ENGINEER, AND SHALL MEET ANY ADDITIONAL REQUIREMENTS OF THE ENCROACHMENT PERMIT.
- TRENCHES CUT THROUGH THE PAVEMENT OF PUBLIC STREETS SHALL BE FULLY REPLACED TO THE SATISFACTION OF THE COUNTY ENGINEER. THE LIMITS AND DETAILS OF THE TRENCH RESTORATION SHALL BE OUTLINED ON THE IMPROVEMENT PLANS. ANY STREET TRENCH CUT MORATORIUM ALREADY ESTABLISHED OR ESTABLISHED PRIOR TO COMMENCEMENT OF TRENCHING SHALL BE OBSERVED. THE COUNTY ENGINEER RETAINS THE RIGHT TO REQUIRE STREET REPAIR THAT INCLUDES THE GRINDING AND OVERLAY OF EXISTING PAVEMENT FOR THE FULL STREET WIDTH WITHIN THE VICINITY OF ANY TRENCHING IN ORDER TO MAINTAIN PAVEMENT INTEGRITY.
- DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- ALL WATER LINES SHALL BE INSTALLED WITH 36" MINIMUM COVER FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- THRUST BLOCKS SHALL BE INSTALLED AT WATERLINE HORIZONTAL AND VERTICAL BENDS, TEES, CAPPED ENDS AND REDUCERS ACCORDING TO THE DETAILS PROVIDED ON THESE PLANS.
- MANHOLE FRAMES AND COVERS AND ALL OTHER UTILITY FRAMES AND COVERS LOCATED WITHIN PAVED AREAS SHALL BE BROUGHT TO FINISH GRADE AFTER PAVING. RIM GRADES, WHERE SHOWN, ARE APPROXIMATE. CONTRACTOR TO ADJUST RIM GRADE TO CONFORM WITH INSTALLED PAVING.
- PIPE SLOPES AND DISTANCES SHOWN ON PLANS ARE FROM THE CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- THE CONTRACTOR SHALL NOTIFY THE SEWER DISTRICT 48 HOURS PRIOR TO STARTING ANY SEWER WORK.
- THE CONTRACTOR SHALL NOTIFY THE SEWER DISTRICT IMMEDIATELY OF ANY CONFLICT BETWEEN SEWERS AND OTHER UNDERGROUND FACILITIES.
- CLEANING, TESTING, AND TELEVISION OF SEWER FACILITIES WILL BE REQUIRED PRIOR TO ACCEPTANCE.
- STORM DRAIN STRUCTURE STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURE AT THE FACE OF CURB.
- STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERM CONDITIONS OF CONSTRUCTION.

43. ALL CURB DIMENSIONS AND RADII ARE TO FACE OF CURB.

- CONTRACTOR SHALL PERFORM WATER TESTS AT ALL GUTTERS LESS THAN 1% SLOPE AND AT SAGS.
- ASPHALT PAVEMENT SHALL BE CONSTRUCTED IN AT LEAST TWO LIFTS, AND THE SECOND LIFT SHALL BE A MINIMUM OF 2 INCHES AND SHALL BE PLACED ONLY AFTER THE CONSTRUCTION OF SITE IMPROVEMENTS AND BUILDING CONSTRUCTION HAVE BEEN SUBSTANTIALLY COMPLETED. THE FINAL PAVEMENT SURFACE SHALL BE FREE OF GOUGES, PATCHES, OR OTHER DEFECTS.
- A.C. STREET AND DRIVEWAY STRUCTURAL SECTIONS ARE APPROXIMATE ONLY. EXACT SECTIONS WILL BE DETERMINED SUBSEQUENT TO ROUGH GRADING AND WILL BE BASED ON THE R-VALUE AS DETERMINED BY THE GEOTECHNICAL ENGINEER AND A T.I. AS INDICATED ON TYPICAL SECTIONS. CONTRACTOR SHALL ALLOW TIME AFTER SUBGRADE IS EXPOSED FOR SAMPLES TO BE TAKEN AND AN R-VALUE TEST TO BE PERFORMED PRIOR TO FINAL SUBGRADE PREPARATION AND PAVEMENT SECTION CONSTRUCTION.
- TREE PROTECTION FENCING SHALL BE PLACED ONE FOOT BEYOND DRIPLINE OR AS DIRECTED BY THE ARBORIST. WHERE NOT POSSIBLE, OR AS DIRECTED BY THE ARBORIST, FENCING MUST BE LOCATED PRACTICALLY AND IN A MANNER WHICH ALLOWS THE REQUIRED GRADING AND CONSTRUCTION TO OCCUR. IN NO CASE, SHALL FENCING BE PLACED CLOSER THAN 5 FEET TO THE TREE TRUNK. TREES LOCATED NEXT TO PROPOSED RETAINING WALLS SHOULD HAVE THEIR TRUNKS PROTECTED BY STRAPPING STRAW BALES AROUND THE TRUNK TO PREVENT ACCIDENTAL DAMAGE FROM EXCAVATION EQUIPMENT. MITIGATION MEASURES SUCH AS IRRIGATION, CHIPPED BARK MULCHES, AND SCARIFICATION OF THE SOIL SURFACE AFTER CONSTRUCTION MAY HELP TO PARTIALLY COMPENSATE FOR SAME FORM OF CONSTRUCTION IMPACT, AND SHOULD BE UTILIZED PER ARBORIST'S RECOMMENDATIONS.
- THE LOCATION OF SYMBOLS SHOWN ON THE DRAWINGS MAY NOT REPRESENT THE PRECISE LOCATION OF THE PROPOSED IMPROVEMENT. IF THE SYMBOL IS NOT ACCOMPANIED BY DIMENSIONS TO LOCATE THE PRECISE LOCATION OF THE PROPOSED IMPROVEMENT, REFER TO STANDARD DETAILS SHOWN WITHIN THE DRAWINGS OR APPROPRIATE AGENCY STANDARD DETAILS.

CSW | ST 2

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 Civil & Structural Engineers
 Surveying & Mapping
 Environmental Planning
 Land Planning
 Construction Management

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Rev	Date	Description	Designed	Drawn	Checked
	03/14/22	REVISED SAWCUT LINE & ADDED CATE CABLE			
	02/28/22	2ND SUBMITTAL TO CITY OF VACAVILLE			
	1/11/21	2ND SUBMITTAL TO COUNTY			
	05/27/21	CD SUBMITTAL TO THE COUNTY			
	03/09/21	CD SUBMITTAL TO THE DISTRICT			
	10/09/20	CD SUBMITTAL TO THE DISTRICT			
	05/27/20	DD SUBMITTAL TO DISTRICT			

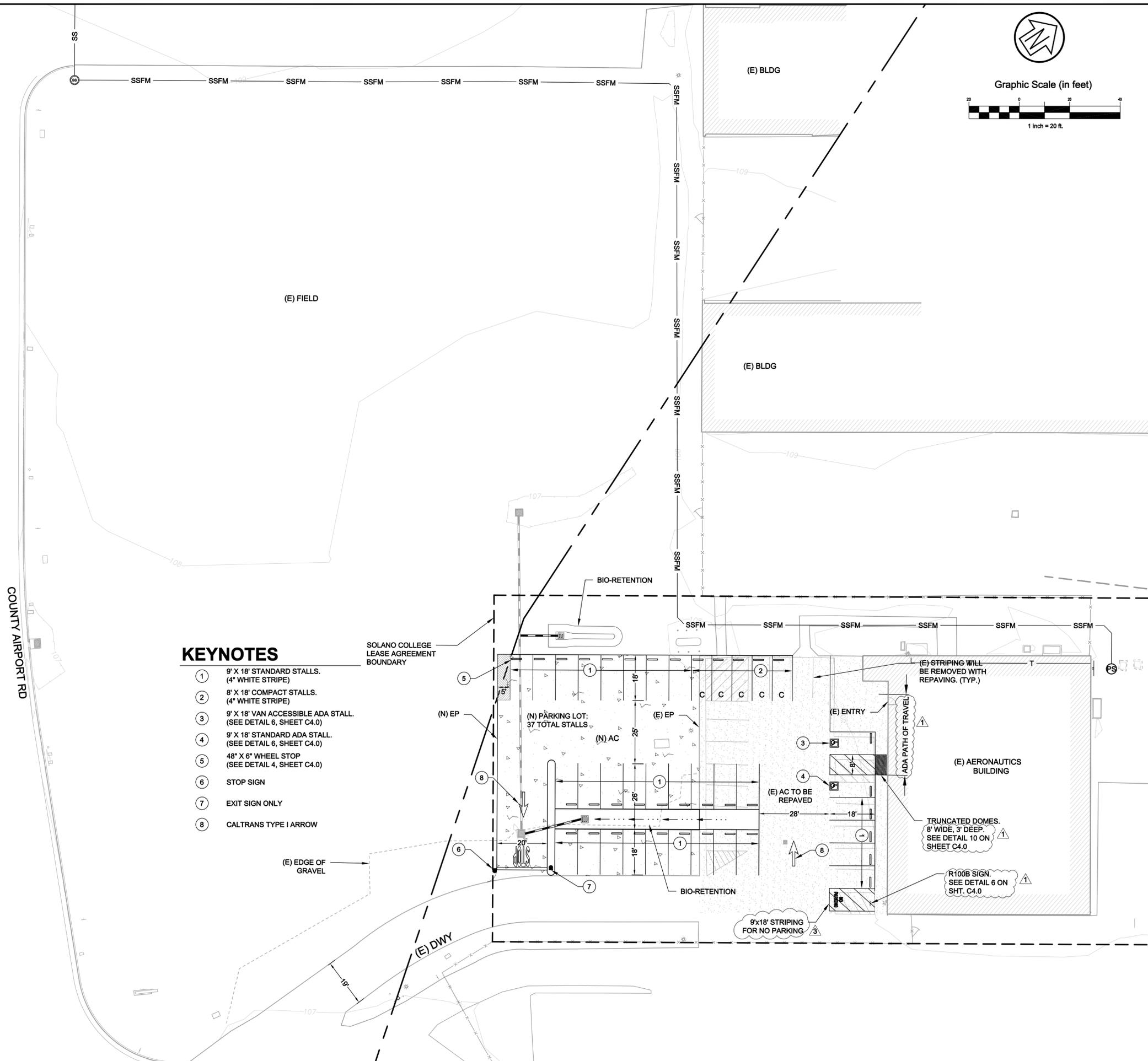
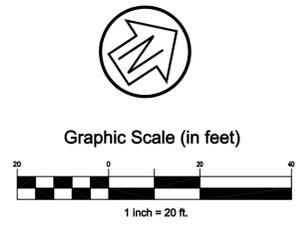
AERONAUTICS IMPROVEMENTS
GENERAL NOTES
SOLANO COMMUNITY COLLEGE

City Of
Vacaville
 County Of
Solano
 State Of
California

Prepared Under the Direction of:



Sheet
C1.1
 Scale: N/A
 Date: 01/28/20
 Project Number: 1910179
 Plan File:



KEYNOTES

- ① 9' X 18' STANDARD STALLS. (4" WHITE STRIPE)
- ② 8' X 18' COMPACT STALLS. (4" WHITE STRIPE)
- ③ 9' X 18' VAN ACCESSIBLE ADA STALL. (SEE DETAIL 6, SHEET C4.0)
- ④ 9' X 18' STANDARD ADA STALL. (SEE DETAIL 6, SHEET C4.0)
- ⑤ 48" X 6" WHEEL STOP (SEE DETAIL 4, SHEET C4.0)
- ⑥ STOP SIGN
- ⑦ EXIT SIGN ONLY
- ⑧ CALTRANS TYPE I ARROW

Rev	Date	Description	Designed	Drawn	Checked
Δ	03/14/22	REVISED SAWCUT LINE & ADDED CAT6 CABLE			
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Δ	10/09/20	CD SUBMITTAL TO THE DISTRICT			
Δ	05/27/20	DD SUBMITTAL TO DISTRICT			

**AERONAUTICS IMPROVEMENTS
 SITE PLAN
 SOLANO COMMUNITY COLLEGE**

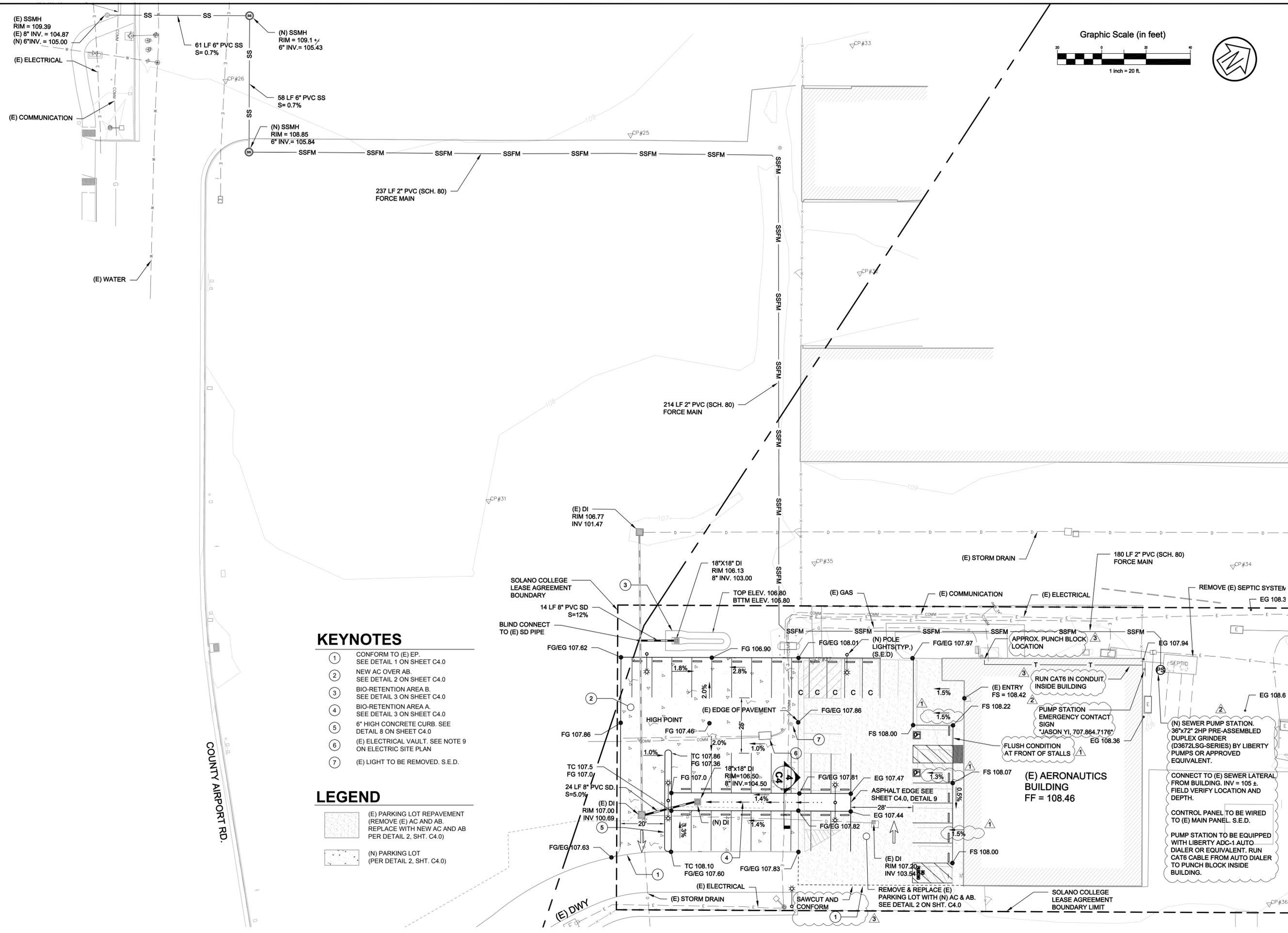
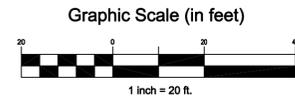
City Of
Vacaville
 County Of
Solano
 State Of
California

Prepared Under the Direction of:



Sheet
C2.0

Scale: 1" = 20'
 Date: 01/28/20
 Project Number: 1910179
 Plan File:



- KEYNOTES**
- 1 CONFORM TO (E) EP. SEE DETAIL 1 ON SHEET C4.0
 - 2 NEW AC OVER AB. SEE DETAIL 2 ON SHEET C4.0
 - 3 BIO-RETENTION AREA B. SEE DETAIL 3 ON SHEET C4.0
 - 4 BIO-RETENTION AREA A. SEE DETAIL 3 ON SHEET C4.0
 - 5 6" HIGH CONCRETE CURB. SEE DETAIL 8 ON SHEET C4.0
 - 6 (E) ELECTRICAL VAULT. SEE NOTE 9 ON ELECTRIC SITE PLAN
 - 7 (E) LIGHT TO BE REMOVED. S.E.D.

- LEGEND**
- (E) PARKING LOT REPAVEMENT (REMOVE (E) AC AND AB. REPLACE WITH NEW AC AND AB PER DETAIL 2, SHT. C4.0)
 - (N) PARKING LOT (PER DETAIL 2, SHT. C4.0)

Rev	Date	Description	Designed	Drawn	Checked
1	03/14/22	REVISED SAWCUT LINE & ADDED CAT6 CABLE			
2	02/28/22	2ND SUBMITTAL TO CITY OF VACAVILLE			
3	11/12/21	2ND SUBMITTAL TO COUNTY			
4	05/27/21	CD SUBMITTAL TO THE COUNTY			
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6	10/09/20	CD SUBMITTAL TO THE DISTRICT			
7	05/27/20	DD SUBMITTAL TO DISTRICT			

**AERONAUTICS IMPROVEMENTS
 GRADING, DRAINAGE
 & UTILITY PLAN
 SOLANO COMMUNITY COLLEGE**

City Of
Vacaville
 County Of
Solano
 State Of
California

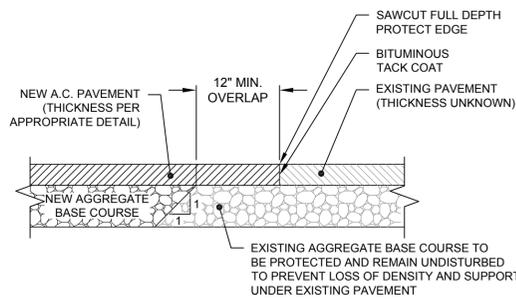
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Sheet
C3.0

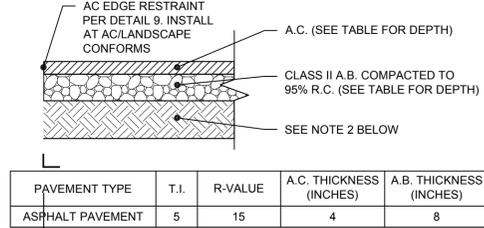
Scale: 1" = 20'
 Date: 01/28/20
 Project Number: 1910179
 Plan File:

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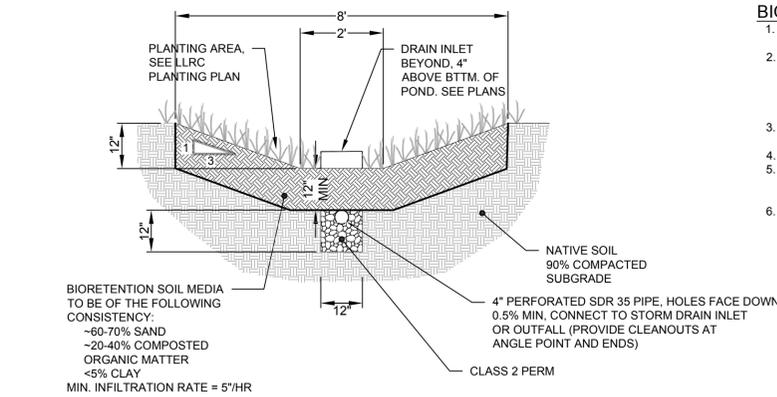
NOTE:
1. REFER TO ASPHALT PAVEMENT SECTION DETAIL FOR DIMENSIONS, SUBGRADE PREPARATION AND OTHER REQUIREMENTS.

1 ASPHALT PAVEMENT SAWCUT/CONFORM
SCALE: 1" = 1"

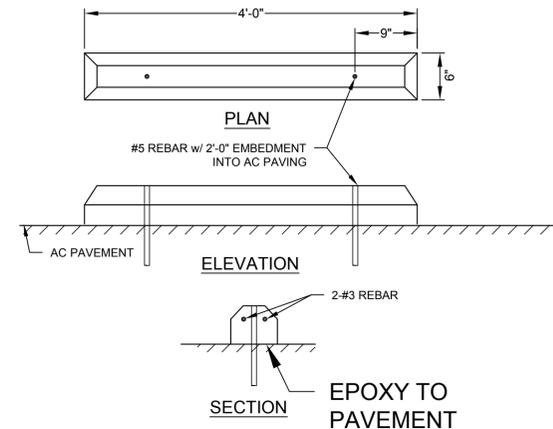


NOTES:
1. PAVEMENT SECTIONS ARE BASED ON AN ASSUMED "R" VALUE AS SHOWN ABOVE. ADJUST DIMENSIONS PER FIELD CONDITIONS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

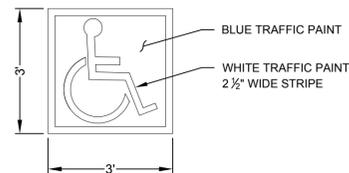
2 STANDARD ASPHALT PAVEMENT SECTION
SCALE: 1" = 1"



3 BIORETENTION AREA
SCALE: 1" = 2"



4 WHEEL STOP DETAIL
SCALE: N.T.S.



NOTE: EMBLEM MUST BE LOCATED IN STALL SO THAT IT IS VISIBLE BY A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE (CENTER AT ENTRANCE TO STALL IS RECOMMENDED).

5 SYMBOL OF ACCESSIBILITY
SCALE: 1/2" = 1"

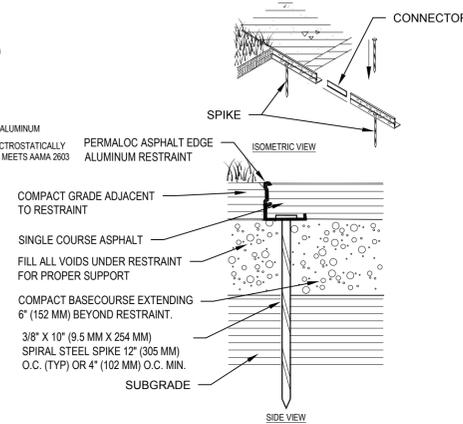
ASPHALT RUNNING TRACK RESTRAINING SINGLE COURSE OF ASPHALT OVER COMPACT GRAVEL
BASE CAD FILES AE-1

SELECT DESIRED SIZE (IN 8' (2.44 M) LENGTHS WITH 2\"/>

- 1" X 2.25" (25 MM X 57 MM)
- 1.5" X 2.25" (38 MM X 57 MM)
- 2" X 2.25" (51 MM X 57 MM)
- 2.5" X 2.25" (64 MM X 57 MM)
- 3" X 3" (76 MM X 76 MM)
- 4" X 3" (102 MM X 76 MM)

SELECT DESIRED FINISH:

- MF - MILL FINISH-NATURAL ALUMINUM
- BL - BLACK DURAFLEX-ELECTROSTATICALLY APPLIED BAKED ON PAINT; MEETS AAMA 2603

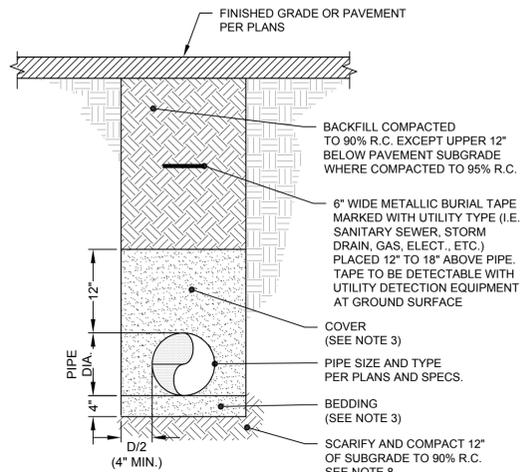


NOTES:
1. INSTALL PER MANUFACTURER'S "INSTALLATION GUIDELINES".
2. 8' (2.44 M) SECTIONS CONNECTED WITH 4" (102 MM) SLIDING CONNECTOR.
3. MAINTAIN 3/8" (9.5 MM) GAP BETWEEN SECTIONS TO ALLOW FOR PRODUCT EXPANSION IN EXTREME TEMPERATURES.
4. CORNERS: NOTCH BASE ONLY AND FORM A CONTINUOUS CORNER.
5. PERMALOC ASPHALT EDGE AS MANUFACTURED BY PERMALOC CORPORATION.
6. DO NOT SCALE DRAWING.
7. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
8. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
9. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 106-055.

9 ASPHALT EDGE DETAIL
SCALE: 1" = 1"

NOTES:

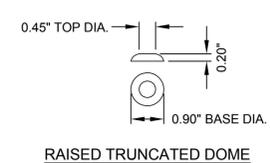
- UTILITY TRENCH CONSTRUCTION SHALL CONFORM TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
- EXCAVATE FOR BELLS OR HUBS SO FULL LOAD IS CARRIED BY PIPE BARRELS.
- BEDDING AND COVER: SAND OR FINE GRAVEL WITH LESS THAN 10% FINES.
- BEDDING SHALL BE PLACED IN A MANNER SUCH AS SLICING, SHOVEL-SPADING, OR SHOVEL RODDING TO ENSURE COMPLETE FILLING OF THE "HAUNCH AREAS" BELOW THE PIPE. JETTING IS NOT PERMITTED.
- SUBGRADE TO BE FREE OF PROTRUDING OBJECTS.
- BACKFILL MAY BE NATIVE SOIL THAT MEETS THE CRITERIA FOR FILL AS DESCRIBED IN THE GEOTECHNICAL REPORT.
- WHERE LESS THAN 18" BETWEEN BOTTOM OF PAVING SECTION (I.E. BOTTOM OF A.B.) AND TOP OF COVER, BACKFILL TO BE CONTROLLED DENSITY FILL (CDF).
- TRENCH SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.



7 PIPE TRENCH DETAIL
SCALE: 1" = 1"

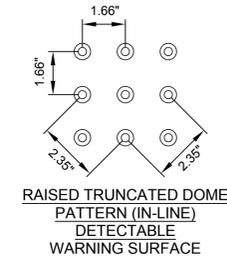
BIORETENTION AREA CONSTRUCTION NOTES:

- SCARIFY SUBGRADE BEFORE INSTALLING BIORETENTION AREA AGGREGATE AND BIORETENTION SOIL MEDIA.
- INSTALL UNDERDRAIN WITH HOLES FACING DOWN. UNDERDRAIN DISCHARGE ELEVATION SHALL BE NEAR TOP OF AGGREGATE LAYER. COMPACT EACH 6" LIFT OF BIORETENTION SOIL MEDIA WITH LANDSCAPE ROLLER OR BY LIGHTLY WETTING. IF WETTING, LET DRY OVERNIGHT BEFORE PLANTING.
- NEVER WORK WITHIN BIORETENTION AREA LIMITS DURING RAIN OR UNDER WET CONDITIONS.
- KEEP ALL HEAVY MACHINERY OUTSIDE BIORETENTION AREA LIMITS.
- CONTRACTOR SHALL PROVIDE SUBMITTALS CERTIFYING CLASS 2 PERM MEETS CALTRANS SPECIFICATION 68-2.02(3) AND BIORETENTION SOIL MEET REQUIREMENTS OF BASMAA POST-CONSTRUCTION MANUAL. CONTRACTOR SHALL NOTIFY CIVIL ENGINEER 48 HOURS PRIOR TO INSTALLATION OF CLASS 2 PERM AND BIORETENTION SOIL FOR INSPECTION.

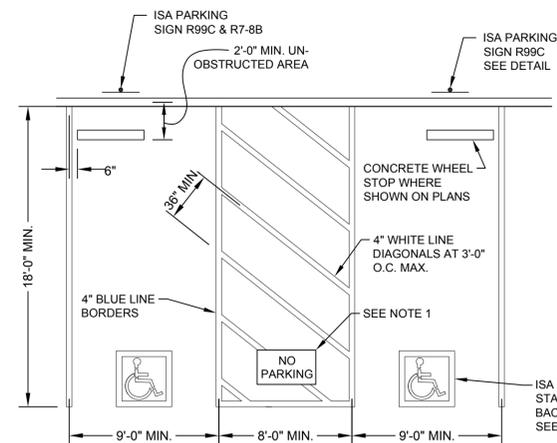


NOTES:
1. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP.
2. DETECTABLE WARNING SURFACES TO BE YELLOW UNLESS OTHERWISE NOTED IN PLANS OR SPECIFICATIONS.
3. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.

RAISED TRUNCATED DOME

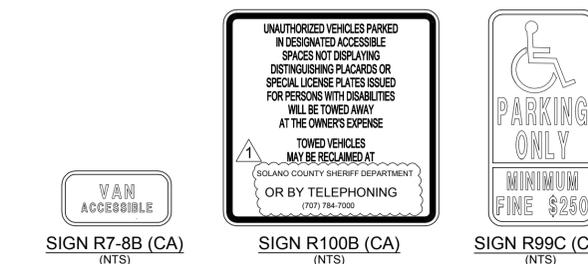


10 TRUNCATED DOMES DETAIL
SCALE: NTS

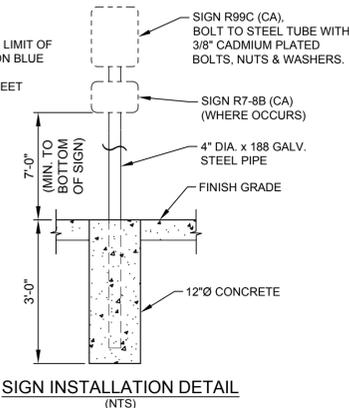


NOTES:
1. WHERE CONCRETE WALK IS ADJACENT TO CURB, PROVIDE ISOLATION JOINT BETWEEN WALK AND BACK OF CURB.
2. CONTROL JOINTS CONSISTING OF 1" DEEP SCORES SHALL BE PLACED AT 10' INTERVALS O.C. - ALL SIDES EXCEPT BOTTOM.
3. WHERE WALK IS ADJACENT TO CURB, THE JOINTS SHALL ALIGN WITH THE JOINTS IN THE CURB.
4. GEOTECHNICAL ENGINEER TO OBSERVE SOIL CONDITIONS PRIOR TO THE POURING OF CONCRETE.

8 STANDARD CONCRETE CURB
SCALE: 1" = 1"



6 DOUBLE ACCESSIBLE PARKING STALL
SCALE: 1" = 5'



5 SYMBOL OF ACCESSIBILITY
SCALE: 1/2" = 1"

Rev	Date	Description	Designed	Drawn	Checked
1	03/14/22	REVISED SAWCUT LINE & ADDED CAT6 CABLE			
2	02/28/22	2ND SUBMITTAL TO CITY OF VACAVILLE			
3	11/12/21	2ND SUBMITTAL TO COUNTY			
4	05/27/21	CD SUBMITTAL TO THE COUNTY			
5	03/09/21	CD SUBMITTAL TO THE DISTRICT			
6	10/09/20	CD SUBMITTAL TO THE DISTRICT			
7	05/27/20	DD SUBMITTAL TO DISTRICT			

Prepared Under the Direction of:

