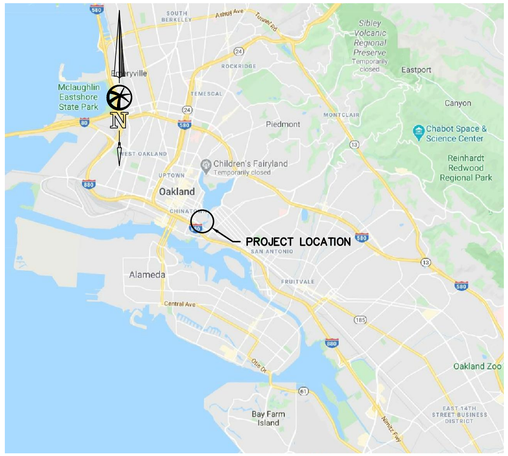

VICINITY MAP

NTS

PERALTA COMMUNITY COLLEGE DISTRICT

LANEY COLLEGE PAVEMENT REHABILITATION

900 FALLON ST, OAKLAND, CA 94607

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS, AND ORDINANCES OF THE PERALTA COMMUNITY COLLEGE DISTRICT.
2. THE DISTRICT SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY WORK.
3. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT 800–227–2600.
4. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE DISTRICT ENGINEER.
5. THE CONTRACTOR SHALL SUBMIT FOR DISTRICT'S REVIEW TRAFFIC CONTROL PLANS AND PHASING PLANS, PREPARED BY A LICENSED TRAFFIC ENGINEER FOR (BUT NOT LIMITED TO) ANY CONSTRUCTION RESULTING IN LANE CLOSURE.
6. ALL EXISTING UTILITIES THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE DISTRICT ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.
7. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS.
8. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
9. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE AND IN PLACE BY THE CONTRACTOR DURING CONSTRUCTION UNLESS OTHERWISE SHOWN.
10. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS AND STANDARD PLANS.
11. CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS. ALL SURVEY SHALL BE REFERENCED PER STATE BUSINESS & PROFESSIONS CODE SECTION 8771.
12. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 13 "WATER POLLUTION CONTROL" OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
13. CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL REQUIRED INSPECTIONS. THE PRESENCE OR ABSENCE OF A DISTRICT OR OTHER INSPECTOR WILL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE PROPER PERFORMANCE OF THE WORK.
14. ANY CONFLICTS WITH THE DESIGN OR ANY CHANGES TO THE PLANS SHALL BE SUBMITTED TO THE DESIGN ENGINEER AND AUTHORIZED BY THE DISTRICT BEFORE CONTINUING WITH WORK IN THAT AREA. MAJOR CHANGES SHALL REQUIRE A PLAN REVISION AND MINOR CHANGES SHALL REQUIRE A PLAN CHANGE AUTHORIZATION FROM THE DISTRICT.
15. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SURPLUS EXCAVATION, MATERIALS AND DEBRIS IMMEDIATELY FROM THE SITE AND SHALL MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION AT THE CONTRACTOR'S SOLE EXPENSE. NO STOCKPILING ALLOWED.
16. ALL CONSTRUCTION ACTIVITIES SHALL BE RESTRICTED TO MONDAY THROUGH FRIDAY AND TO THE HOURS OF 8:00 AM TO 5:00 PM, UNLESS OTHERWISE APPROVED BY DISTRICT PROJECT MANAGER.
17. ALL CONSTRUCTION EQUIPMENT SHALL BE MUFFLED IN ACCORDANCE WITH CALIFORNIA STATE LAW.
18. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
19. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY AND WORKER SAFETY IN ACCORDANCE WITH CALTRANS, CAL/OSHA SPECIFICATIONS AND ANY ADDITIONAL REQUIREMENTS OF THE DISTRICT.
20. CONTRACTOR SHALL KEEP A SET OF PLANS ON–SITE AND TAKE NOTE OF AS–BUILT INFORMATION. THIS PLAN SHALL BE MADE AVAILABLE TO THE DESIGN ENGINEER TO COMPLETE A "RECORD SET OF PLANS".
21. CONTRACTOR SHALL POST EMERGENCY PHONE NUMBERS FOR THE DISTRICT, POLICE DEPARTMENT, AND THE CITY OF OAKLAND FIRE DEPARTMENT. IN ADDITION, CONTRACTOR SHALL POST HIS/HER CONTACT INFORMATION DURING WORKING HOURS, AFTER WORKING HOURS, AND IN CASE OF AN EMERGENCY.
22. CONTRACTOR SHALL COMPLY AND PRACTICE BEST MANAGEMENT PRACTICES THROUGHOUT THE PERIOD OF CONSTRUCTION.
23. DUST CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHALL BE FOLLOWED AT ALL TIMES DURING CONSTRUCTION OPERATIONS.

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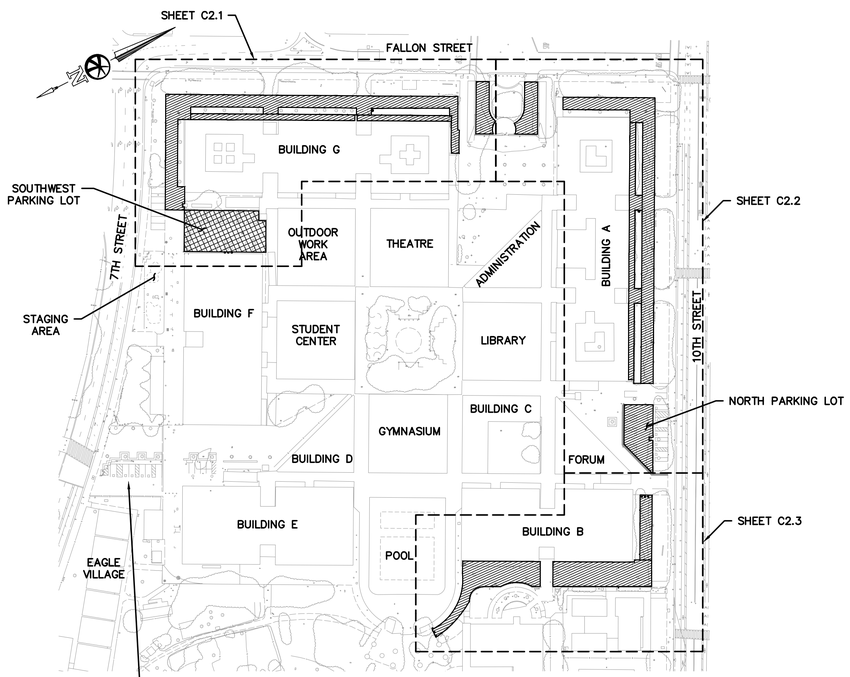

SITE MAP

NTS

APPROXIMATE WORK AREA

ADD ALTERNATE AREA

THIS SOUTHEAST ADA PARKING LOT NEAR EAGLE VILLAGE WILL BE REMOVED IN PREPARATION FOR THE FUTURE LIBRARY EXPANSION PROJECT. THESE SIX ADA STALLS ARE BEING RELOCATED TO THE SOUTHWEST PARKING LOT SHOWN ON THIS SHEET ABOVE. INSTALL NEW ADA PARKING STALLS IN SOUTHWEST PARKING LOT PRIOR TO REMOVING PARKING STALLS FROM SOUTHEAST PARKING LOT.

SHEET INDEX:

SHEET NUMBER		DESCRIPTION
1	C1.0	COVER SHEET
2	C1.1	EXISTING TOPOGRAPHY
3–5	C2.1–C2.3	IMPROVEMENT PLAN
6	C3.1	SLURRY SEAL PLAN
7	C4.1	CIVIL DETAILS

TOTAL SHEET COUNT: 7

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ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
APPROX	APPROXIMATE
BEG,BGN	BEGIN
BLDG	BUILDING
CONC,CNC	CONCRETE
CRNR	CORNER
DI	DRAIN INLET
DIA,Ø	DIAMETER
DWG	DRAWING
DWY	DRIVEWAY
E	ELECTRICAL, EASTING, EAST
EA	EACH
EBMUD	EAST BAY MUNICIPAL UTILITY DISTRICT
EC	EDGE OF CONCRETE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQ,=	EQUALS
EXIST,EX	EXISTING
FC	FACE OF CURB
FH	FIRE HYDRANT
FT,'	FEET OR FOOT
G	GAS
HV	HIGH VOLTAGE
IN,"	INCH
I.D.	INNER DIAMETER
LF	LINEAR FOOT OR FEET
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
N	NORTHING, NORTH
NTS	NOT TO SCALE
O.D.	OUTER DIAMETER
PCC	PORTLAND CEMENT CONCRETE
PED	PEDESTRIAN
PG&E	PACIFIC GAS & ELECTRIC CO.
PVMT	PAVEMENT
R	RADIUS, RIGHT
REV	REVISED OR REVISION
RT	RIGHT
S	SOUTH
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SQFT,SF	SQUARE FEET
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
SW	SIDEWALK
TC	TOP OF CURB
TEL,T	TELEPHONE, TELECOM
TEMP	TEMPORARY
TYP	TYPICAL
VAR	VARIES OR VARIABLE
W	WEST OR WATER
WTR,W	WATER
WV	WATER VALVE

UTILITY LEGEND

—— E —— E —— E ——	ELECTRIC
—— HV ——	HIGH VOLTAGE ELECTRIC
—— G —— G ——	GAS
—— SD —— SD ——	STORM DRAIN
—— SS —— SS ——	SANITARY SEWER
—— W —— W —— W ——	WATER

SCOPE OF WORK

AC PAVEMENT REHABILITATION (GRIND & INLAY, SPOT RECONSTRUCTION, SLURRY SEAL) ALONG PERIMETER OF LANEY COLLEGE, WITH SLURRY SEAL APPLICATION AND RESTRIPING AT NORTH PARKING LOT AND SOUTHWEST PARKING LOT. REMOVAL OF PARKING STRIPING, WHEEL STOPS, AND PARKING SIGNS FROM SOUTHEAST PARKING LOT.

CONTACT INFORMATION

STEPHEN DANIELS – PROJECT MANAGER
SWINERTON MANAGEMENT AND CONSULTING
PH: (415) 214–2514
333 EAST 8TH STREET
OAKLAND, CA 94606
EMAIL: DANIELSS@PERALTA.EDU

DANIEL C. LEARY – DESIGN ENGINEER
BELLECCI & ASSOCIATES
PH: (925) 681–4885
7077 KOLL CENTER PKWY, STE 210
PLEASANTON, CA 94566
EMAIL: DANIEL@BELLECCI.COM

DSA APPLICATION NUMBER 01-119072

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7077 Koll Center Pkwy, Suite 210 Pleasanton, CA 94566
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LANEY COLLEGE PAVEMENT REHABILITATION

PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Number:
C1.0

Scale: **AS SHOWN**
Date: **AUGUST 10 2020** Sheet: 1 of 7

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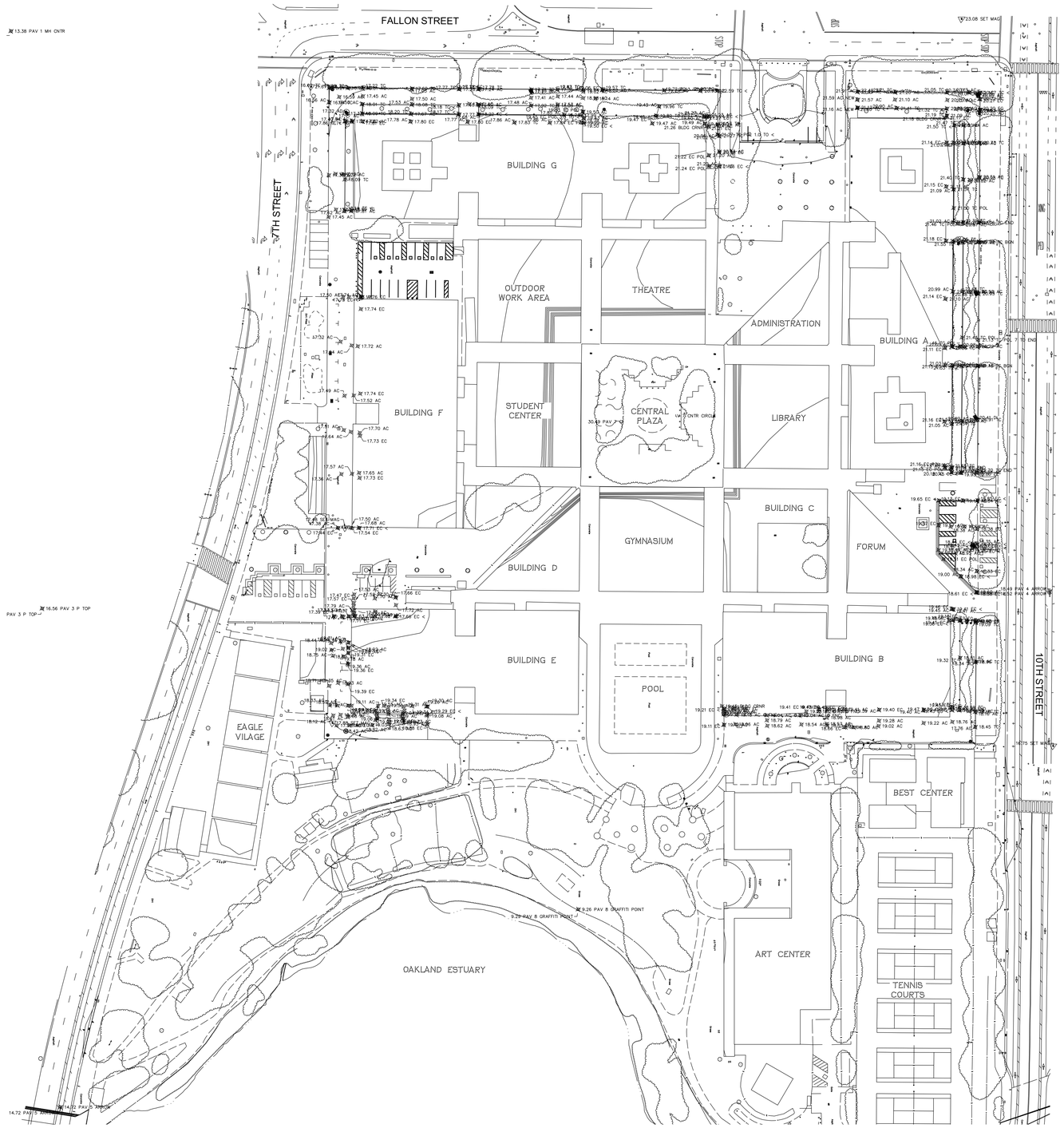

60 0 30 60 120 240

(IN FEET)
1" = 60'

EXISTING TOPOGRAPHY

SCALE: 1" = 60'

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DATE: 08/20/2020

NOTES:

1. AERIAL TOPOGRAPHY BY 360 AERIAL, COMPLETED ON DECEMBER 20TH, 2019.

2. HORIZONTAL AND VERTICAL CONTROL DATA IS BASED ON REAL TIME GPS/GNSS NETWORK OBSERVATIONS PROVIDED BY CALIFORNIA DRAFTING AND SURVEY SUPPLY. CALIFORNIA COORDINATE SYSTEM ZONE III, NAD83, NAVD88 DATUM EPOCH 2011.

3. CAD FILES OF SITE LAYOUT AND TOPOGRAPHIC SURVEY POINTS WILL BE AVAILABLE TO THE CONTRACTOR UPON COMPLETION OF A SIGNED CAD RELEASE FORM SUBMITTED TO THE ENGINEER.

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LANEY COLLEGE PAVEMENT REHABILITATION

PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Title:

EXISTING TOPOGRAPHY

Project Number: 19104

Sheet Number:

C1.1

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Date: AUGUST 10 2020 Sheet: 2 of 7

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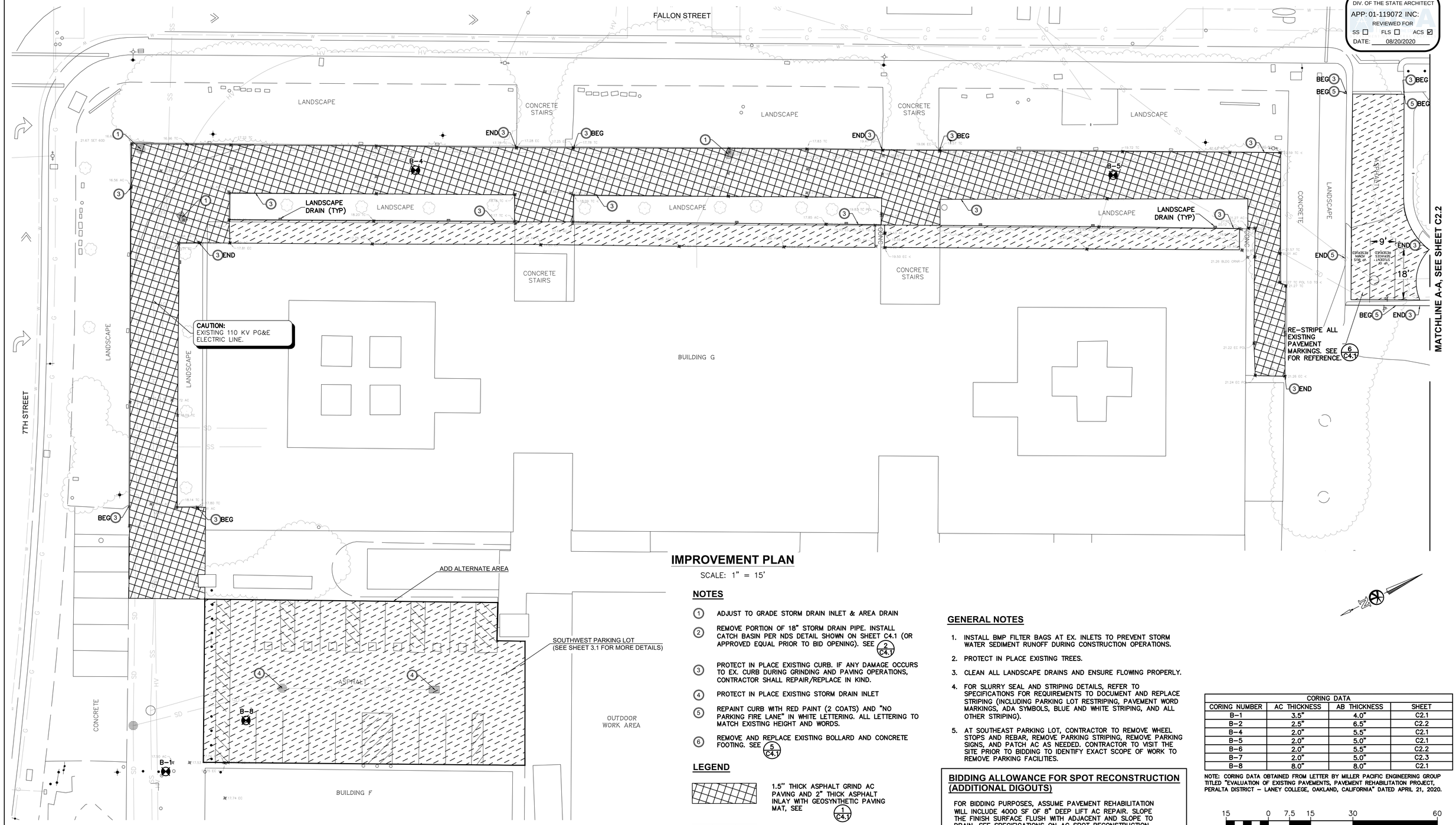

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IMPROVEMENT PLAN

SCALE: 1" = 15'

NOTES

1. ADJUST TO GRADE STORM DRAIN INLET & AREA DRAIN
2. REMOVE PORTION OF 18" STORM DRAIN PIPE. INSTALL CATCH BASIN PER NDS DETAIL SHOWN ON SHEET C4.1 (OR APPROVED EQUAL PRIOR TO BID OPENING). SEE 2/C4.1
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6. REMOVE AND REPLACE EXISTING BOLLARD AND CONCRETE FOOTING. SEE 5/C4.1

LEGEND

1.5" THICK ASPHALT GRIND AC PAVING AND 2" THICK ASPHALT INLAY WITH GEOSYNTHETIC PAVING MAT, SEE 1/C4.1

SLURRY SEAL AND STRIPING (SEE NOTE 6)

GENERAL NOTES

1. INSTALL BMP FILTER BAGS AT EX. INLETS TO PREVENT STORM WATER SEDIMENT RUNOFF DURING CONSTRUCTION OPERATIONS.
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BIDDING ALLOWANCE FOR SPOT RECONSTRUCTION (ADDITIONAL DIGOUTS)

FOR BIDDING PURPOSES, ASSUME PAVEMENT REHABILITATION WILL INCLUDE 4000 SF OF 8" DEEP LIFT AC REPAIR. SLOPE THE FINISH SURFACE FLUSH WITH ADJACENT AND SLOPE TO DRAIN. SEE SPECIFICATIONS ON AC SPOT RECONSTRUCTION FOR MORE DETAILS. SEE 3/C4.1

CORING DATA			
CORING NUMBER	AC THICKNESS	AB THICKNESS	SHEET
B-1	3.5"	4.0"	C2.1
B-2	2.5"	6.5"	C2.2
B-4	2.0"	5.5"	C2.1
B-5	2.0"	5.0"	C2.1
B-6	2.0"	5.5"	C2.2
B-7	2.0"	5.0"	C2.3
B-8	8.0"	8.0"	C2.1

NOTE: CORING DATA OBTAINED FROM LETTER BY MILLER PACIFIC ENGINEERING GROUP TITLED "EVALUATION OF EXISTING PAVEMENTS, PAVEMENT REHABILITATION PROJECT, PERALTA DISTRICT – LANEY COLLEGE, OAKLAND, CALIFORNIA" DATED APRIL 21, 2020.

15 0 7.5 15 30 60
(IN FEET)
1" = 15'

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PERALTA COMMUNITY COLLEGE DISTRICT

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LANEY COLLEGE PAVEMENT REHABILITATION

PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Title: IMPROVEMENT PLAN

Project Number: 19104

Sheet Number: C2.1

Scale: AS SHOWN

Date: AUGUST 10 2020 Sheet: 3 of 7

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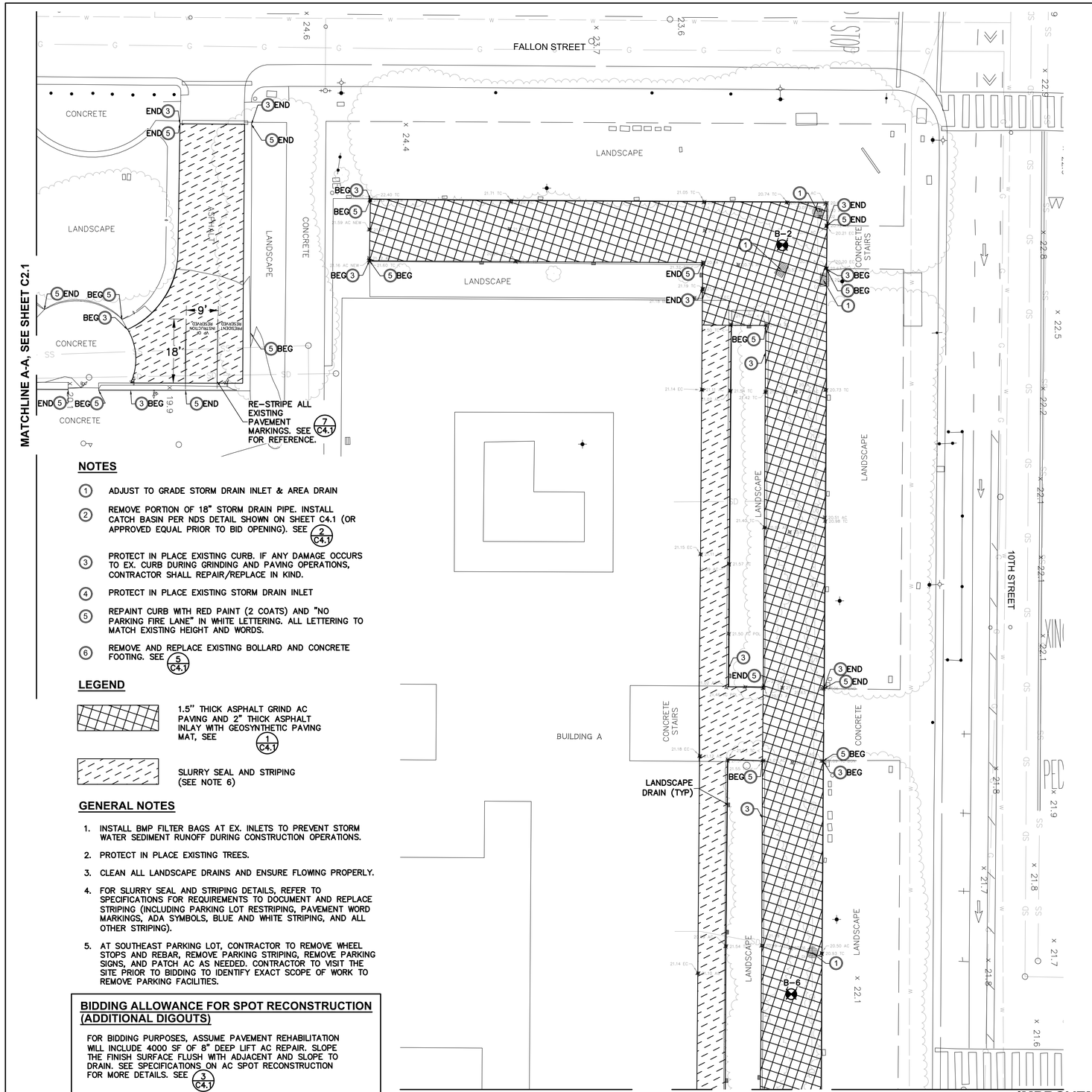

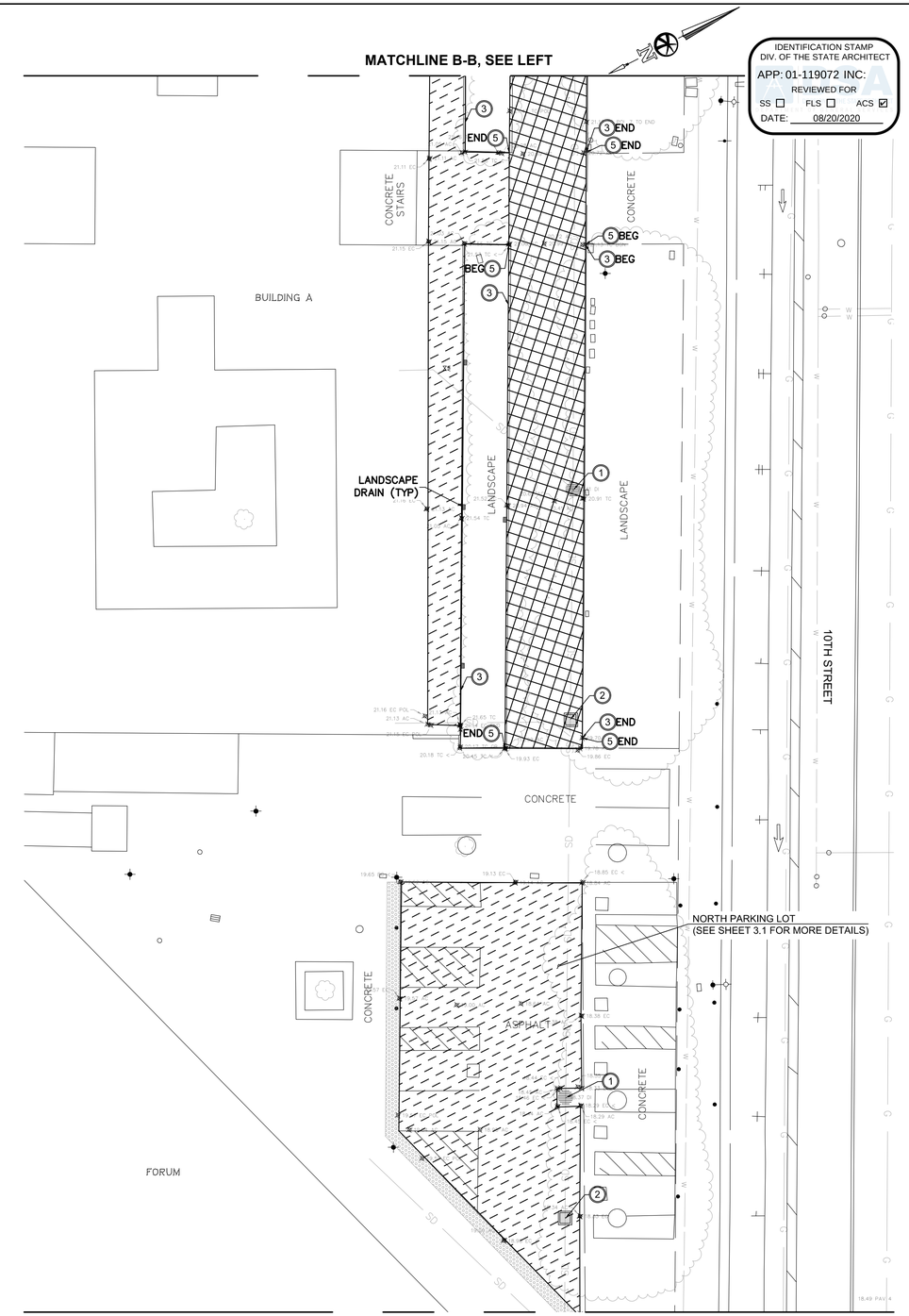

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NOTES

1. ADJUST TO GRADE STORM DRAIN INLET & AREA DRAIN
2. REMOVE PORTION OF 18" STORM DRAIN PIPE. INSTALL CATCH BASIN PER NDS DETAIL SHOWN ON SHEET C4.1 (OR APPROVED EQUAL PRIOR TO BID OPENING). SEE 2/C4.1
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LEGEND

1.5" THICK ASPHALT GRIND AC PAVING AND 2" THICK ASPHALT INLAY WITH GEOSYNTHETIC PAVING MAT, SEE 1/C4.1

SLURRY SEAL AND STRIPING (SEE NOTE 6)

GENERAL NOTES

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IMPROVEMENT PLAN

SCALE: 1" = 15'

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LANEY COLLEGE PAVEMENT REHABILITATION

PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Title: IMPROVEMENT PLAN

Project Number: 19104

Sheet Number: C2.2

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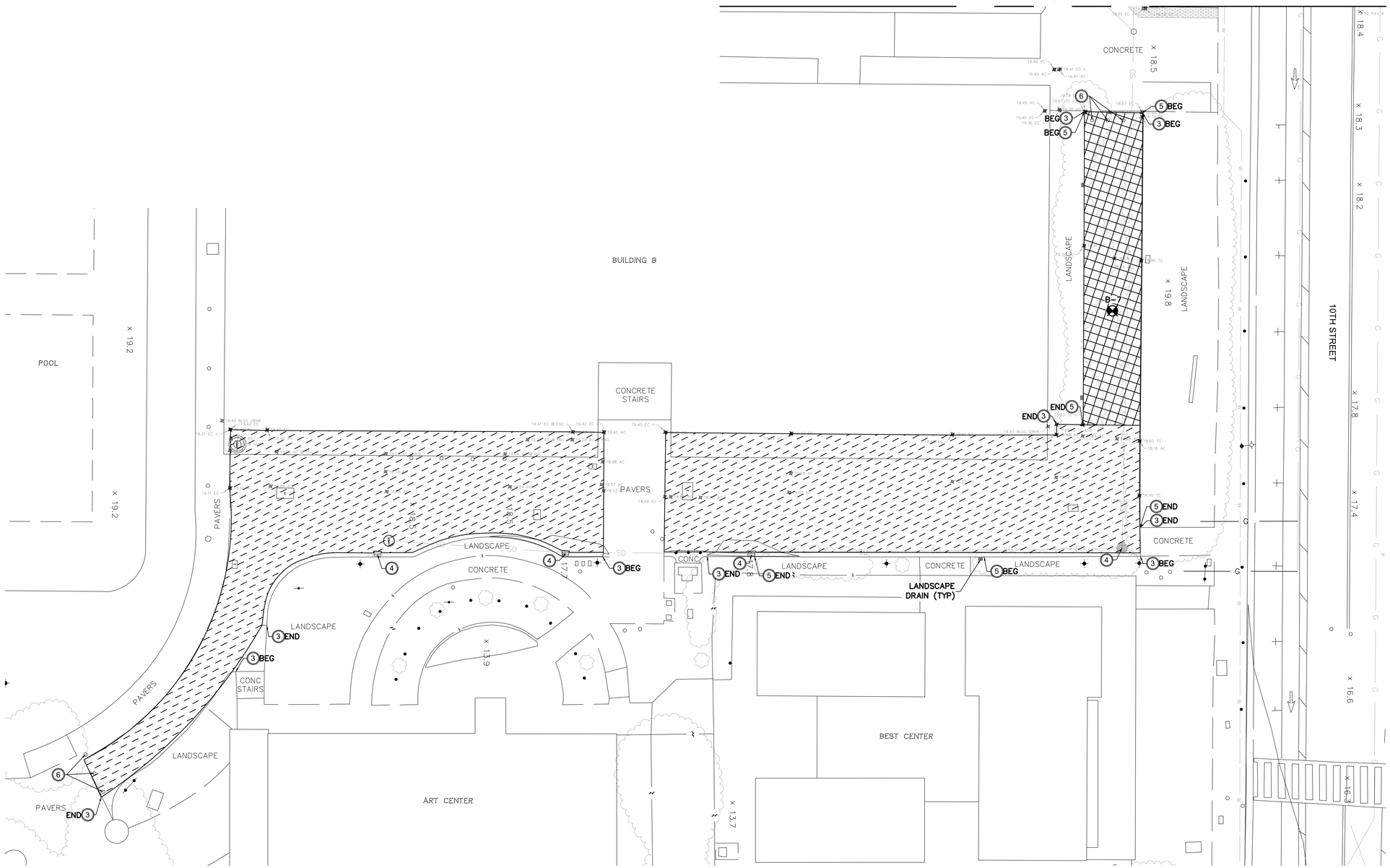
MATCHLINE C-C, SEE SHEET 2.2



IMPROVEMENT PLAN

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LANEY COLLEGE PAVEMENT REHABILITATION

PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Title: IMPROVEMENT PLAN

Project Number: 19104

Sheet Number: C2.3

Scale: AS SHOWN

Date: AUGUST 10 2020 Sheet: 5 of 7

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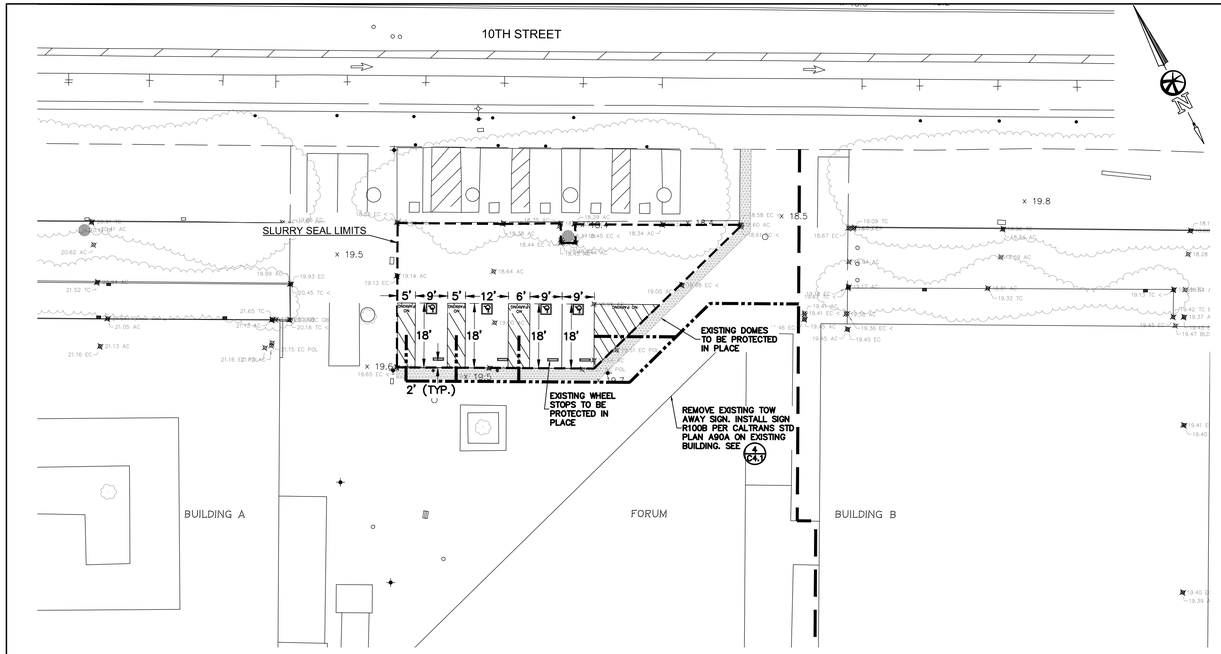


SLURRY SEAL PLAN - NORTH PARKING LOT

SCALE: 1" = 20'

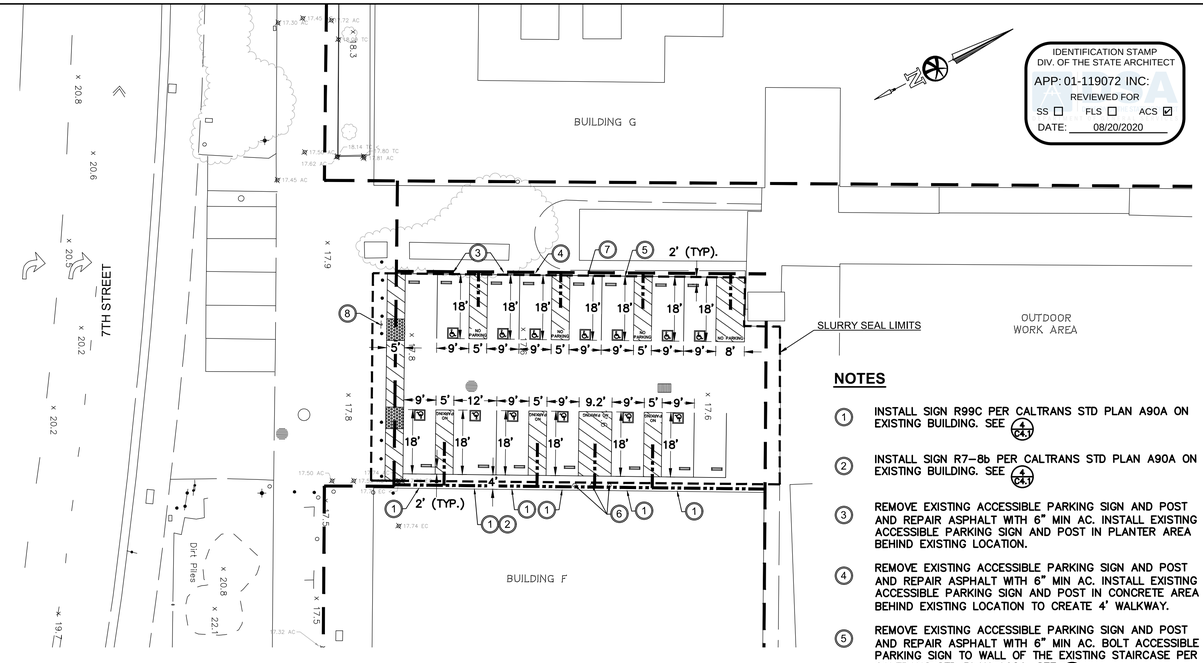
PARKING SUMMARY:

North Parking Lot				
Parking Areas	Regular	ADA-Std	ADA-Van	Total
Existing	3	8	1	12
Proposed	3	8	1	12

Min. ADA Stalls required for 1-25 stalls is 1 (Standard +Van).

20 0 10 20 40 80

(IN FEET)
1" = 20'



SLURRY SEAL PLAN - SOUTHWEST PARKING LOT

SCALE: 1" = 20'

PARKING SUMMARY:

Southwest Parking Lot				
Parking Areas	Regular	ADA-Std	ADA-Van	Total
Existing	15	6	1	22
Proposed	8	11	2	21

Min. ADA Stalls required for 1-25 stalls is 1 (Standard +Van).

20 0 10 20 40 80

(IN FEET)
1" = 20'

NOTES

1. INSTALL SIGN R99C PER CALTRANS STD PLAN A90A ON EXISTING BUILDING. SEE
2. INSTALL SIGN R7-8b PER CALTRANS STD PLAN A90A ON EXISTING BUILDING. SEE
3. REMOVE EXISTING ACCESSIBLE PARKING SIGN AND POST AND REPAIR ASPHALT WITH 6" MIN AC. INSTALL EXISTING ACCESSIBLE PARKING SIGN AND POST IN PLANTER AREA BEHIND EXISTING LOCATION.
4. REMOVE EXISTING ACCESSIBLE PARKING SIGN AND POST AND REPAIR ASPHALT WITH 6" MIN AC. INSTALL EXISTING ACCESSIBLE PARKING SIGN AND POST IN CONCRETE AREA BEHIND EXISTING LOCATION TO CREATE 4' WALKWAY.
5. REMOVE EXISTING ACCESSIBLE PARKING SIGN AND POST AND REPAIR ASPHALT WITH 6" MIN AC. BOLT ACCESSIBLE PARKING SIGN TO WALL OF THE EXISTING STAIRCASE PER CALTRANS STD PLAN A90A. SEE
6. SAWCUT AREA AROUND EXISTING BOLLARD TO REMOVE BOLLARD AND CLEAN OFF. FILL AREA WITH 6" MIN AC. CORE DRILL NEW HOLE IN "NO PARKING" ASPHALT AREA AND INSTALL EXISTING BOLLARD TO CREATE 4' WALKWAY.
7. REMOVE EXISTING ACCESSIBLE PARKING SIGN AND POST AND REPAIR ASPHALT WITH 6" MIN AC. PLACE ACCESSIBLE PARKING SIGN ON EXISTING STAIRCASE RAILING. CONTRACTOR TO PROVIDE SHOP DRAWING TO MOUNT ACCESSIBLE PARKING SIGN ON RAILING.
8. PROTECT IN PLACE EXISTING SIGN R100B PER CALTRANS STD PLAN A90A. SEE

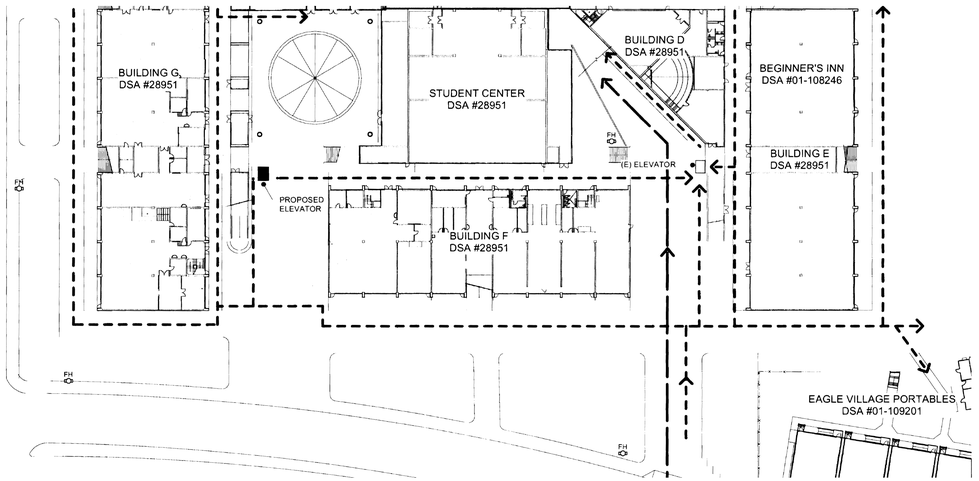
GENERAL NOTES:

1. ALL NEW STRIPING OF EXISTING PARKING SPACES SHALL BE 4" WHITE LINE, EXCEPT AT ADA PARKING SPACE LANDING AREAS SHALL BE 4" BLUE LINE.
2. MAXIMUM NUMBER OF PARKING SPACES (INCLUDING ADA) TO BE RESTRIPED DUE TO SLURRY SEAL APPLICATION = 4. NUMBER OF ADA PARKING SPACES = 4.
3. CONTRACTOR TO VERIFY DIMENSIONS AND RESTORE SIGNING AND STRIPING PER EXISTING CONDITION.
4. CONTRACTOR TO INSTALL 4" WHITE LINE DIAGONALS AT 3'-0" O.C. AT NO PARKING AREAS.
5. PER SECTION 11B-202.4, EXCEPTION 5 OF 2019 CALIFORNIA BUILDING CODE: "ALTERATIONS OF EXISTING PARKING LOTS BY RESURFACING AND/OR RESTRIPING SHALL BE LIMITED TO THE ACTUAL SCOPE OF WORK OF THE PROJECT AND SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-202.4."

LEGEND

EXISTING ADA PATH OF TRAVEL

ANTICIPATED PATH OF TRAVEL FROM PARKING LOT



SAMPLE FROM ADA RENOVATION PROJECTS AT LANEY COLLEGE

SCALE: NTS'

NOTE: SAMPLE FROM ADA RENOVATION PROJECTS AT LANEY COLLEGE SHOWN FOR REFERENCE ONLY. SEE SHEET 0.A.2 (SITE PLAN OF CORE CAMPUS SHOWING EXITING, ACCESSIBLE ROUTES, AND FIRE ACCESS) BY GEORGE DEDEKIAN ARCHITECT DATED JUNE 30, 2010

100% SUBMITTAL

No.	Date	Issues and Revisions	By	Check

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
7077 Koll Center Pkwy, Suite 210 Pleasanton, CA 94566
Phone (925) 681-4885
www.bellecci.com

REGISTERED PROFESSIONAL ENGINEER SAMUEL C. LEARY No. 48394 EXP. 6-30-22 CIVIL STATE OF CALIFORNIA

LANEY COLLEGE

PERALTA COMMUNITY COLLEGE DISTRICT

UNDERGROUND SERVICE ALERT Call Two Working Days Before You Dig! 1-800-227-2600

LANEY COLLEGE PAVEMENT REHABILITATION

PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Title: SLURRY SEAL PLAN

Project Number: 19104

Sheet Number: C3.1

Scale: AS SHOWN

Date: AUGUST 10 2020 Sheet: 6 of 7

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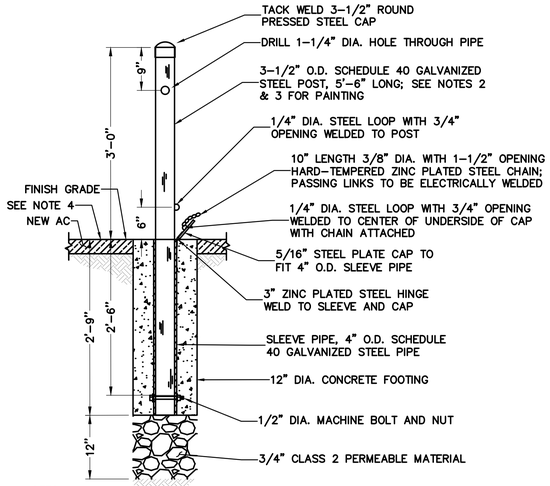
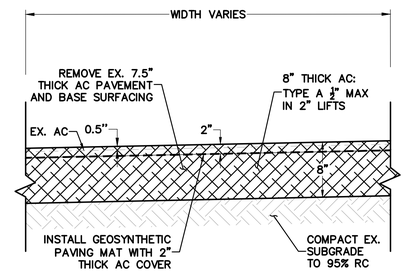


NOTES:

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING POST FOOTING.
2. PRIME ALL METAL WITH ONE COAT OF GALVANIZE-COMPATIBLE PRIMER AND TWO COATS OF WHITE INDUSTRIAL ENAMEL.
3. APPLY TWO 3" WIDE STRIPS OF REFLECTORIZED YELLOW TAPE. PROVIDE A 3" GAP BETWEEN EACH STRIP.
4. AROUND PERIMETER OF BOLLARD ASSUME 1' TO 2' RADIUS OF REMOVAL TO INSTALL NEW BOLLARD. ALSO REPLACE ASPHALT PAVEMENT AND/OR BRICK PAVERS ON SUBBASE. REPLACEMENT AREA/SECTION TO MATCH EXISTING. ASSUME 12" THICK REPLACEMENT FOR BIDDING PURPOSES. NEATLY SAWCUT AND CONFORM TO MATCH BOLLARD SURFACING WITH SURROUNDING HARDSCAPE. FINISH SURFACE TO BE SMOOTH, AND ADA COMPLIANT.

REMOVABLE BOLLARD 5 -
SCALE: NTS

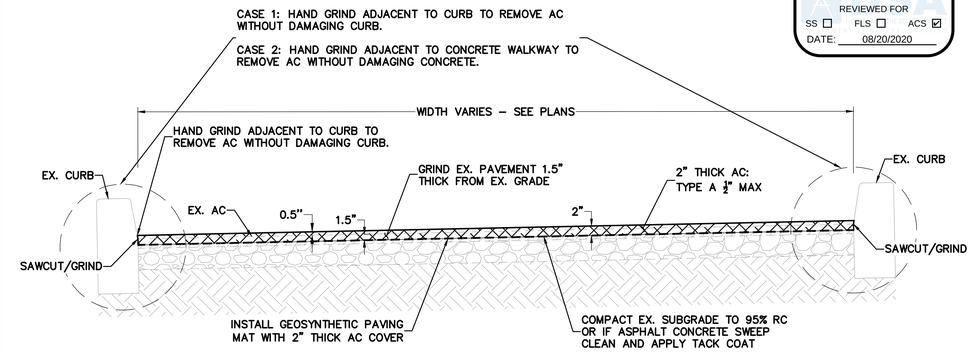


NOTES:

1. GEOSYNTHETIC PAVING MAT SHALL BE GLASPAVE 25 OR APPROVED EQUAL.
2. REFER TO SPECIFICATIONS FOR PROCESS TO DETERMINE SPOT RECONSTRUCTION AREAS.
3. SEE PLAN VIEW FOR ALLOWANCE AREA FOR SPOT RECONSTRUCTION.

ASPHALT CONCRETE SPOT RECONSTRUCTION 3 -
SCALE: NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119072 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/20/2020



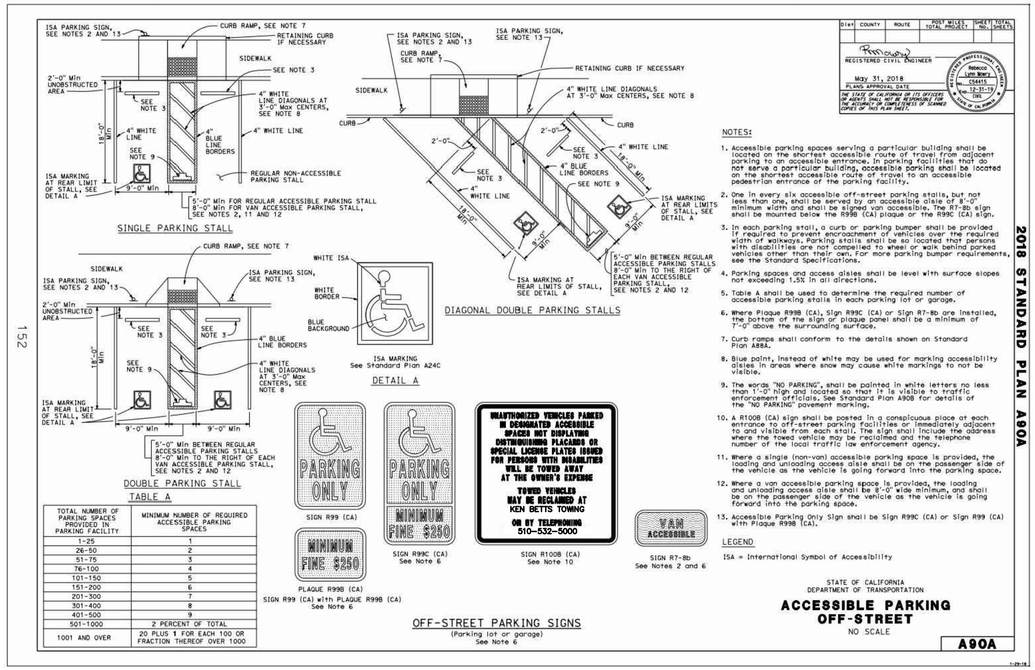
NOTE: GEOSYNTHETIC PAVING MAT SHALL BE GLASPAVE 25 OR APPROVED EQUAL.

2" THICK AC REPAIR WITH GEOSYNTHETIC PAVING MAT 1 -
SCALE: NTS

NOTE: FOR EVERY INSTALLATION OF NEW CATCH BASIN, CUT PIPE, EXTEND PIPE INTO INLET, GROUT CONNECTION, CLEAN INLET, AND BACKFILL AS NEEDED.

EXISTING STRIPING - SOUTH SIDE OF MAIN ENTRANCE 6 -
SCALE: NTS

EXISTING STRIPING - NORTH SIDE OF MAIN ENTRANCE 7 -
SCALE: NTS



TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1-25	1
26-50	2
51-75	3
76-100	4
101-150	5
151-200	6
201-300	7
301-400	8
401-500	9
501-1000	2 PERCENT OF TOTAL
1001 AND OVER	20 PLUS 1 FOR EACH 100 OR FRACTION THEREOF OVER 1000

NOTES:

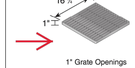
1. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility.
2. One in every six accessible off-street parking stalls, but not less than one, shall be served by an accessible aisle of 8'-0" minimum width and shall be signed van accessible. The R7-8b sign shall be mounted below the R99B (CA) plaque or the R99C (CA) sign.
3. In each parking stall, a curb or parking bumper shall be provided if required to prevent encroachment of vehicles over the required width of walkways. Parking stalls shall be so located that persons with disabilities are not compelled to wheel or walk behind parked vehicles other than their own. For more parking bumper requirements, see the Standard Specifications.
4. Parking spaces and access aisles shall be level with surface slopes not exceeding 1.5% in all directions.
5. Table A shall be used to determine the required number of accessible parking stalls in each parking lot or garage.
6. Where Plaque R99B (CA), Sign R99C (CA) or Sign R7-8b are installed, the bottom of the sign or plaque panel shall be a minimum of 7'-0" above the surrounding surface.
7. Curb ramps shall conform to the details shown on Standard Plan A88A.
8. Blue paint, instead of white may be used for marking accessibility aisles in areas where snow may cause white markings to not be visible.
9. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high and located so that it is visible to traffic enforcement officials. See Standard Plan A90B for details of the "NO PARKING" pavement marking.
10. A R100B (CA) sign shall be posted in a conspicuous place at each entrance to off-street parking facilities or immediately adjacent to and visible from each stall. The sign shall include the address where the towed vehicle may be reclaimed and the telephone number of the local traffic law enforcement agency.
11. Where a single (non-van) accessible parking space is provided, the loading and unloading access aisle shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
12. Where a van accessible parking space is provided, the loading and unloading access aisle shall be 8'-0" wide minimum, and shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
13. Accessible Parking Only Sign shall be Sign R99C (CA) or Sign R99 (CA) with Plaque R99B (CA).

LEGEND

ISA = International Symbol of Accessibility

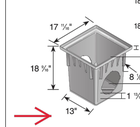
CALTRANS STD PLAN A90A 4 -
SCALE: NTS

18" CATCH BASIN SERIES

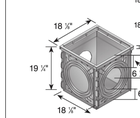


1" Grate Openings

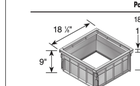
Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
1815	18" Square Galvanized Steel Grate Use with 18"x18" Catch Basin Series. (See pg. 48)	Galvanized Steel	1	17.00	10ND	NDS #1815, 18" Square Heavy Duty Galvanized Steel Bar Grate. Open surface area 291.00 square inches. 381.21 GPM.



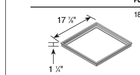
Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
1882	18" One Piece Catch Basin 2 Opening	Black	1	10.00	10ND	NDS #1882, #1884, 18" x 18" One-Piece Tapered Catch Basin.
1884	18" One Piece Catch Basin 4 Opening Requires either #1206, #1242, #1243, #1245, #1266, #1888, #1889. Universal outlets. (See page 24.) Includes 2 or 4 #1890 Reducer Ring.	Black	1	9.50	10ND	



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
1800	18" x 18" Expandable Catch Basin 2 opening*	Black	1	16.00	10ND	NDS #1800, #1804, 18" x 18" Modular Catch Basin with Locking Tabs.
1804	18" x 18" Expandable Catch Basin 4 opening* Assembly Required. #1800 includes: 2 #1822, 2 #1820, 1 #1828. #1804 includes: 4 #1822, 1 #1828. Use #1800 and #1804 with #1206, #1243, #1245, #1266 or #1888 Universal outlets. (See page 24.) Includes 2 or 4 #1890 Reducer Ring. (Note: Use Roof Tar or Silicone to seal joints.)	Black	1	16.00	10ND	



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
1816	8" Riser for 18" Catch Basin Riser package includes 4 sides. Use with #1800, #1804, #1882, or #1884.	Black	1	6.00	10ND	NDS #1816, 6" Riser for 18" x 18" Catch Basin.



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
1840	Frame to adapt 18" x 18" grate to concrete catch basin Use with 18" x 18" Grates on pages 20 and 21.	Black	4	2.00	10ND	NDS #1840, 18" x 18" Frame.

22 Note: All dimensions are nominal. All weights are for shipping purposes only. Availability is subject to change.
To place an order, visit: ndspro.net, fax: 1-800-726-1998 or call 1-800-726-1994.

CATCH BASIN 2 -
SCALE: NTS

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LANEY COLLEGE PAVEMENT REHABILITATION
PERALTA COMMUNITY COLLEGE DISTRICT

Sheet Title: CIVIL DETAILS

Project Number: 19104

Sheet Number: C4.1

Scale: NTS
Date: AUGUST 10 2020 Sheet: 7 of 7

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