

ADMIRAL BOLAND WAY ENTRY / EXIT GATES SAN DIEGO INTERNATIONAL AIRPORT CIP 104228

WORK TO BE DONE

WORK TO BE DONE SHALL BE ACCORDING TO THESE DRAWINGS AND SPECIFICATION NO.4228 OF THE SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY.

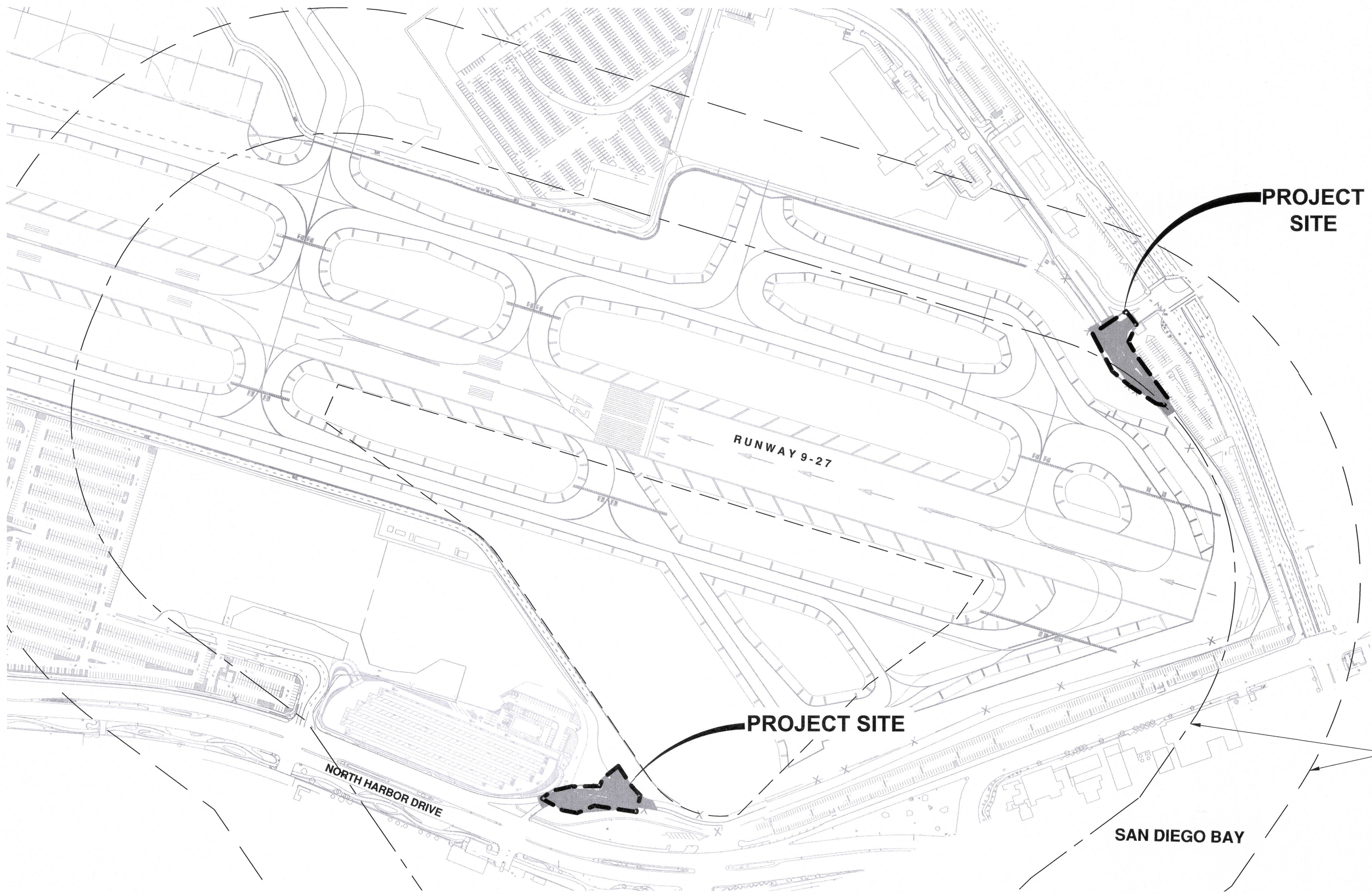
THE WORK INCLUDES THE MODIFICATION OF FOUR EXISTING LIFT-ARM GATES AND ADDITION OF FOUR HIGH SPEED ELECTRONIC SECURITY GATES IN ORDER TO DETER PEDESTRIAN ACCESS TO THE RESTRICTED AREA OF ADMIRAL BOLAND WAY (TERMINAL LINK ROAD).

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VICINITY MAP

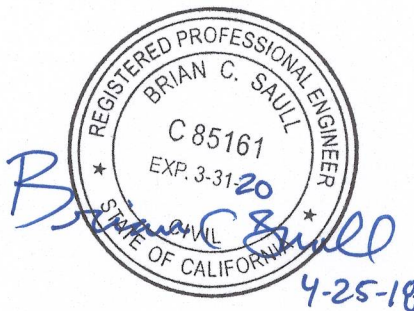


SITE PLAN

SCALE : 1" = 250'-0"

LEAST TERN BOUNDARY

SAN DIEGO BAY



I HEREBY DECLARE THAT I AM THE ENGINEER OF RECORD FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THIS DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECKING OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY THE AIRPORT AUTHORITY DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

Brian C. Saull
BRIAN C. SAULL, P.E.
R.C.E. C85161 EXP. 03-31-20

SPEC. NO. 4228	C.I.P. NO. 104228
REFERENCES:	
PROJECT MANAGER: LIN LIN	
CONTRACTOR:	
CONSTRUCTION STARTED:	
CONSTRUCTION COMPLETED:	
COST:	INSPECTOR:
	REVISIONS
	DATE
	APPROVED



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN:	RECOMMEND AUTHORIZATION FOR PROJECT BIDDING:
C J G	<i>M. D. Frey</i>
DESIGNED:	PROGRAM MANAGER
S T B	<i>Lydia</i>
CHECKED:	DIRECTOR, FACILITIES DEVELOPMENT
B C S	

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES
TITLE SHEET



















































* DATUM *
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE: 4-25-2018
SHEET 1 OF 20
DRAWING NO. 4228
REV.

GENERAL NOTES

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 1D-23, OPERATIONAL SAFETY ON THE AIRPORT.
2. THESE DRAWINGS HAVE BEEN PREPARED, IN PART, BASED UPON RECORD DRAWINGS AND/OR CAD FILES FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THOSE UTILIZING THE INFORMATION ON THESE DRAWINGS ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY PURPOSE.
3. EXISTING UTILITIES WERE TAKEN FROM PLANS OF RECORD. THEY HAVE BEEN SHOWN TO THE EXTENT KNOWN AND ARE OFFERED IN GOOD FAITH SOLELY FOR INFORMATIONAL PURPOSES. THEY MAY NOT REFLECT ACTUAL LOCATIONS AND MAY NOT BE INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
4. THE ACTUAL LOCATION AND ELEVATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
5. IN THE EVENT OF DAMAGE TO EXISTING UTILITIES OR CABLES, THE AUTHORITY REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
6. ALL DIRT, DUST, STONES AND LOOSE DEBRIS SHALL BE CONTINUOUSLY REMOVED FROM ALL PAVED SURFACES DURING THIS CONTRACT.
7. THE CONTRACTOR SHALL BE AWARE THAT OTHER CONCURRENT PROJECTS WILL BE UNDER CONSTRUCTION ON THE AIRPORT. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ACTIVITIES WITH THE OTHER CONTRACTORS ON THE AIRPORT.
8. THE AUTHORITY RESERVES THE RIGHT TO SALVAGE MATERIALS. THE MATERIAL TO BE SALVAGED IS IDENTIFIED IN THE SPECIFICATION. SALVAGED MATERIAL SHALL BE STOCKPILED AT A LOCATION DESIGNATED BY THE AUTHORITY IN GOOD CONDITION. ALL OTHER FENCE MATERIAL SHALL BE SPOILED OFF AIRPORT PROPERTY AT A PROPER DISPOSAL SITE SELECTED BY THE CONTRACTOR.

9. THE COST OF MEASURES AND PRACTICES FOR COMPLIANCE WITH POLLUTION, EROSION, AND SILTATION CONTROL SUCH AS AIR POLLUTION PREVENTION, WATER POLLUTION PREVENTION, CONSTRUCTION ROAD STABILIZATION, DUST CONTROL, PROTECTING VEGETATION, AND EROSION AND SILTATION CONTROL PRACTICES DUE TO THE CONTRACTOR'S MEANS AND METHODS, SHALL BE INCLUDED IN SECTION 1D 34, 35 AND APPENDIX 5.
10. THE PLANIMETRIC FEATURES SHOWN HEREON WERE COMPILED FROM FIELD SURVEY PERFORMED BY SNIPES-DYE ASSOCIATES DATED JUNE 2017.
11. ALL ELECTRICAL WORK SHALL CONFORM TO APPLICABLE LOCAL, STATE AND NATIONAL ELECTRICAL CODES.
12. THE ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT SHALL BE VERIFIED TO BE COMPATIBLE WITH EXISTING EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
13. ABANDONED CABLES MAY EXIST IN THE VICINITY OF THE PROPOSED WORK. IF ENCOUNTERED, CONTRACTOR SHALL VERIFY THAT THEY ARE ABANDONED PRIOR TO REMOVAL. IF THEY ARE NOT ABANDONDED, CABLES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
14. ITEMS OF SPECIFIC MANUFACTURE SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND OR MANUFACTURER'S REPRESENTATIVE DIRECTIONS.
15. ALL GROUND CONNECTIONS SHALL BE MADE USING EXOTHERMIC CONNECTIONS.
16. REMOVAL OF EXISTING MARKINGS SHALL BE IN ACCORDANCE WITH SECTION 014120.
17. CONTRACTOR TO PROVIDE GUARD/FLAGMAN 24/7 WHEN THE GATE ARMS ARE DECOMMISSIONED.

LEGEND

	EXISTING TREE
	EXISTING CHAIN LINK FENCE
	EXISTING TYPE A BOLLARD
	EXISTING TYPE B BOLLARD
	EXISTING SINGLE POST TRAFFIC SIGN
	EXISTING IRRIGATION CONTROL VALVE
	EXISTING DOMESTIC WATER VALVE
	EXISTING STORM DRAIN MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING OVERHEAD LIGHT POLE/TRAFFIC SIGNAL POLE
	EXISTING COMMUNICATIONS JUNCTION BOX
	EXISTING COMMUNICATIONS MANHOLE
	EXISTING UNDERGROUND COMMUNICATIONS LINE
	EXISTING ELECTRICAL CABINET
	EXISTING ELECTRICAL GENERATOR
	EXISTING ELECTRICAL TRANSFORMER
	EXISTING ELECTRICAL MANHOLE
	EXISTING PULLBOX
	EXISTING UNDERGROUND ELECTRICAL CONDUIT
	EXISTING STORM DRAIN PIPE
	EXISTING DOMESTIC WATER PIPE
	EXISTING RECYCLED WATER PIPE
	EXISTING FIRE WATER PIPE
	EXISTING SANITARY SEWER PIPE
	CONSTRUCTION DELINEATORS
	EXISTING CARD READER
	EXISTING RFID AVI ANTENNA
	EXISTING GATE ARM
	EXISTING CHAIN LINK FENCE TO BE REMOVED
	EXISTING TYPE A BOLLARD TO BE REMOVED
	EXISTING SINGLE POST TRAFFIC SIGN TO BE REMOVED AND SALVAGED
	EXISTING CARD READER TO BE REMOVED AND SALVAGED
	EXISTING RFID AVI ANTENNA TO BE REMOVED AND SALVAGED
	EXISTING GATE ARM TO BE REMOVED AND SALVAGED
	ASPHALT PAVEMENT TO REMAIN
	CONCRETE PAVEMENT TO REMAIN
	LANDSCAPE AREA TO REMAIN
	CONCRETE PAVEMENT TO BE REMOVED
	LANDSCAPE AREA TO BE REMOVED
	ASPHALT PAVEMENT TO BE REMOVED
	CONCRETE CURB AND GUTTER TO BE REMOVED
	CONCRETE VALLEY GUTTER TO BE REMOVED
	PROPOSED CONCRETE PAVEMENT
	PROPOSED ASPHALT PAVEMENT
	PROPOSED TEMPORARY TRAFFIC SIGN
	PROPOSED RFID AVI ANTENNA
	PROPOSED CARD READER
	PROPOSED TYPE A BOLLARD
	PROPOSED TYPE B BOLLARD
	PROPOSED FENCE

ABBREVIATIONS

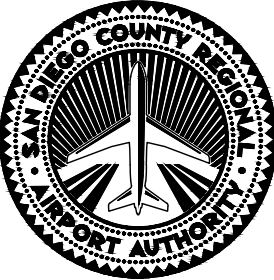
ABAN. - ABANDONED	OFA - OBJECT FREE AREA
AP - ANGLE POINT	O.C. - ON CENTER
APPROX. - APPROXIMATE	OPER. - OPERATOR
ASPH. - ASPHALT	PAPI - PRECISION APPROACH PATH INDICATOR
AOA - AIR OPERATIONS AREA	PAVT. - PAVEMENT
ARFF - AIRCRAFT RESCUE AND FIREFIGHTING	PC - POINT OF CURVATURE
ATCT - AIR TRAFFIC CONTROL TOWER	PCC - PORTLAND CEMENT CONCRETE PAVEMENT
AVI - AUTOMATIC VEHICLE IDENTIFICATION	PI - POINT OF INTERSECTION
BLDG. - BUILDING	PL - PROPERTY LINE
BM - BENCH MARK	PT - POINT OF TANGENCY
CL - CENTERLINE	PVI - POINT OF VERTICAL INTERSECTION
CB - CATCH BASIN	PVC - POLYVINYL CHLORIDE PIPE
CIP - CAST IRON PIPE	PVC - POINT OF CURVATURE (VERTICAL CURVE)
CMP - CORRUGATED METAL PIPE	PVT - POINT OF TANGENCY (VERTICAL CURVE)
COMM. - COMMUNICATION	R - RADIUS
CONC. - CONCRETE	RCP - REINFORCED CONCRETE PIPE
COND. - CONDUIT	REIL - RUNWAY END INDICATOR LIGHT
CSP - CORRUGATED STEEL PIPE	RFID - RADIO-FREQUENCY IDENTIFICATION
DIA. - DIAMETER	RGS - RIGID GALVANIZED STEEL
DMH - DRAINAGE MANHOLE	ROFA - RUNWAY OBJECT FREE AREA
E - EASTING	RSA - RUNWAY SAFETY AREA
ELEC. - ELECTRICAL	ROW - RIGHT OF WAY
ELEV. - ELEVATION	RPZ - RUNWAY PROTECTION ZONE
EMH - ELECTRICAL MANHOLE	RT - RIGHT
EX. - EXISTING	RW - RUNWAY
FND. - FOUNDATION	SHDR. - SHOULDER
GC - GRADE CHANGE	STA. - STATION
HP - HIGH POINT	TELCOM - TELECOMMUNICATION
INV. - INVERT	TOFA - TAXIWAY OBJECT FREE AREA
LT - LEFT	TSA - TAXIWAY SAFETY AREA
LP - LOW POINT	TW - TAXIWAY
MAX. - MAXIMUM	TYP. - TYPICAL
MIN. - MINIMUM	UD - UNDERDRAIN
MISC. - MISCELLANEOUS	UGND - UNDERGROUND
N - NORTHING	UVLT - UTILITY VAULT
NA - NOT APPLICABLE	V - VARIES

BENCHMARK:

THE BENCHMARK FOR THIS SURVEY IS A 3" BRASS DISK STAMPED "SDUPD-059" PER R.O.S. 17055, ELEV=15.62' NAVD88.

CONTROL POINTS:

POINT	NORTHING	EASTING	DESCRIPTION
SDUPD-010	1845666.056	6275391.156	3" BRASS DISK
SDUPD-040	1846500.831	6277518.042	3" BRASS DISK
SDUPD-059	1847587.617	6272151.232	3" BRASS DISK



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G	SAN DIEGO INTERNATIONAL AIRPORT	DATUM: HORIZONTAL DATUM: NAD 83, EPOCH 2010 NORTH AMERICAN VERTICAL DATUM 1988
DESIGNED: S T B	ADMIRAL BOLAND WAY ENTRY / EXIT GATES	DATE 05-11-2018
REVIEWED: B C S	GENERAL NOTES, LEGEND AND ABBREVIATIONS	SHEET 2 OF 20 DRAWING NO. 4228 REV.



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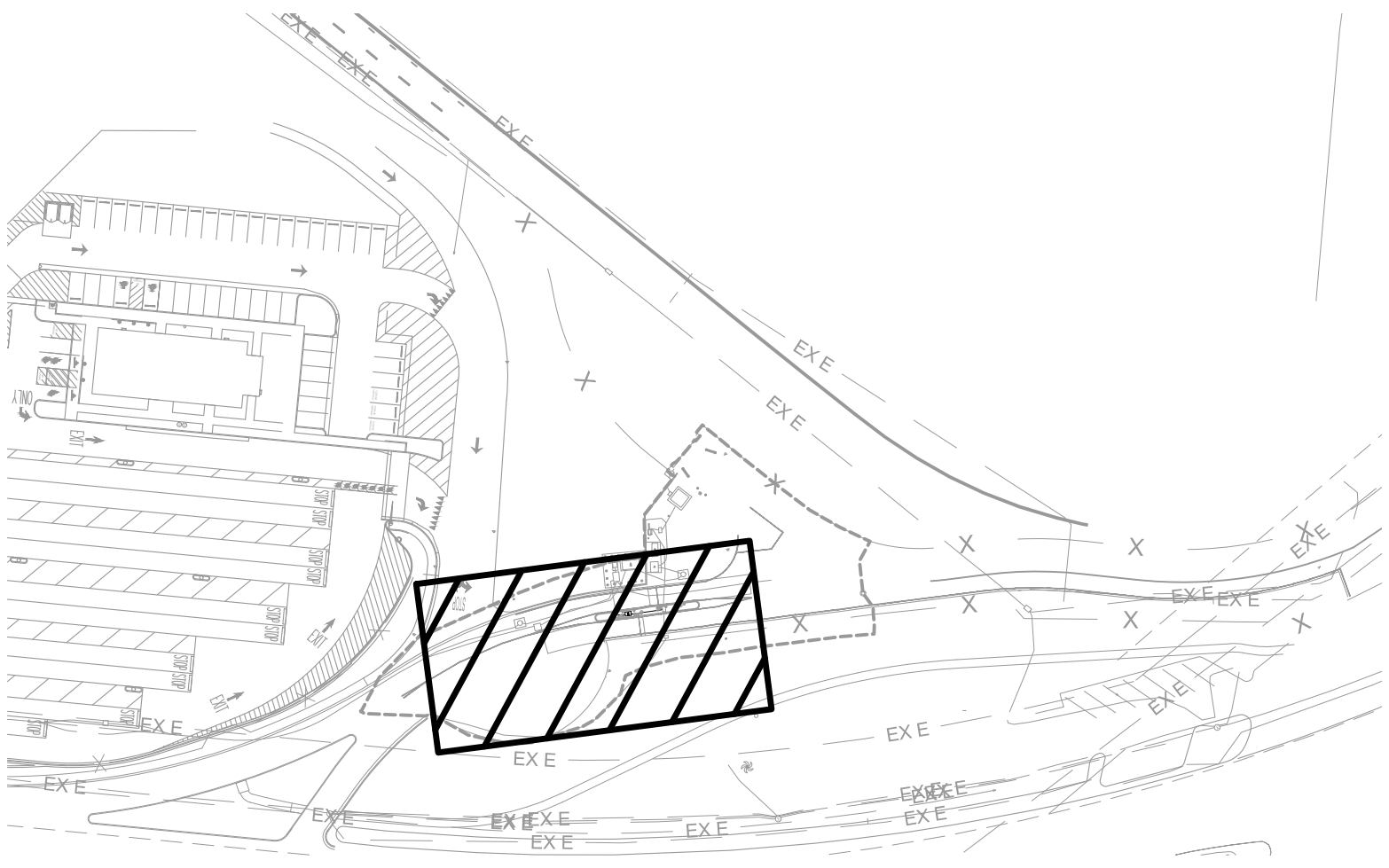
REVISIONS	DATE	APPROVED	



SPEC: KEYED NOTES:

- CSI 02 41 19 101. EXISTING TYPE A BOLLARD TO REMAIN, PROTECT IN PLACE (TYP.)
- CSI 02 41 19 102. EXISTING CARD READER TO REMAIN, PROTECT IN PLACE
- CSI 02 41 19 104. EXISTING LIFT ARM GATE TO REMAIN, PROTECT IN PLACE
- CSI 02 41 19 105. REMOVE AND SALVAGE ELECTRICAL CONTROLLER CABINET AND BATTERY BACK UP SYSTEM FOR LATER REINSTALLATION
- CSI 02 41 19 106. EXISTING ELECTRICAL HANDHOLE TO REMAIN, PROTECT IN PLACE
- CSI 02 41 19 107. EXISTING COMMUNICATION HANDHOLE TO REMAIN, PROTECT IN PLACE
- CSI 02 41 19 108. REMOVE TYPE A BOLLARD
- CSI 02 41 19 109. REMOVE AND SALVAGE CARD READER FOR LATER REINSTALLATION
- CSI 02 41 19 110. REMOVE AND SALVAGE RFID AVI ANTENNA FOR LATER REINSTALLATION
- CSI 02 41 19 111. REMOVE AND SALVAGE LIFT ARM GATE FOR LATER REINSTALLATION
- CSI 32 31 13 112. REMOVE SECURITY FENCING
- CSI 02 41 14 113. REMOVE CONCRETE CURB AND SURROUNDING CONCRETE MEDIAN PAVEMENT
- CSI 02 41 14 114. REMOVE CONCRETE CURB AND SURROUNDING LANDSCAPE AREA PLANTS, ROCKS AND EARTH
- CSI 02 41 14 115. REMOVE ASPHALT PAVEMENT
- CSI 02 41 14 116. REMOVE CONCRETE CURB AND GUTTER
- CSI 02 41 19 119. EXISTING ELECTRICAL CONDUIT TO REMAIN, PROTECT IN PLACE (TYP.)
- CSI 02 41 19 120. EXISTING COMMUNICATIONS CONDUIT TO REMAIN, PROTECT IN PLACE (TYP.)
- CSI 02 41 14 123. REMOVE LANDSCAPE AREA PLANTS, ROCKS AND EARTH
- CSI 32 17 23 124. REMOVE ROAD STRIPING

KEY MAP:

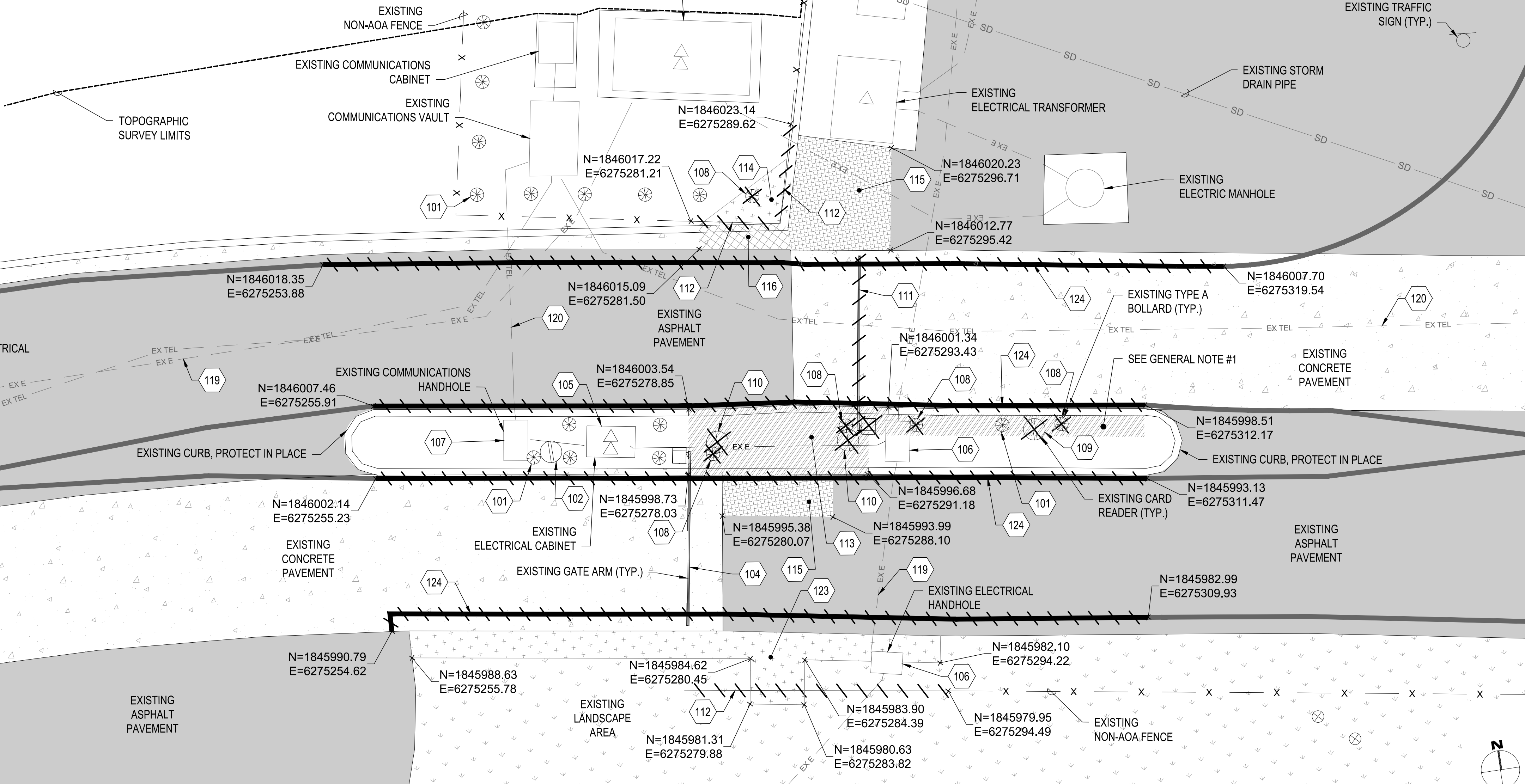


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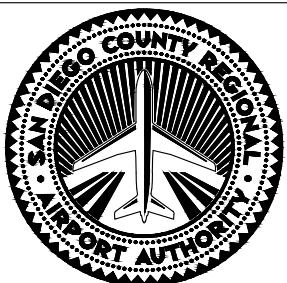
- ASPHALT PAVEMENT TO REMAIN
- LANDSCAPE AREA TO REMAIN
- CONCRETE PAVEMENT TO REMAIN
- CONCRETE CURB AND PAVEMENT TO BE REMOVED
- CONCRETE CURB AND LANDSCAPE AREA TO BE REMOVED
- ASPHALT PAVEMENT TO BE REMOVED
- CONCRETE CURB AND GUTTER TO BE REMOVED

GENERAL NOTES:

1. PRECISE REMOVAL OF MEDIAN CONCRETE TO PROVIDE PROPOSED CONDUIT AND EQUIPMENT SHALL BE DETERMINED BY CONTRACTOR'S MEANS AND METHODS DURING CONSTRUCTION.
2. CONSTRUCTION AREA WITHIN THE 800 FOOT LEAST TERN BOUNDARY.



TO HARBOR DRIVE

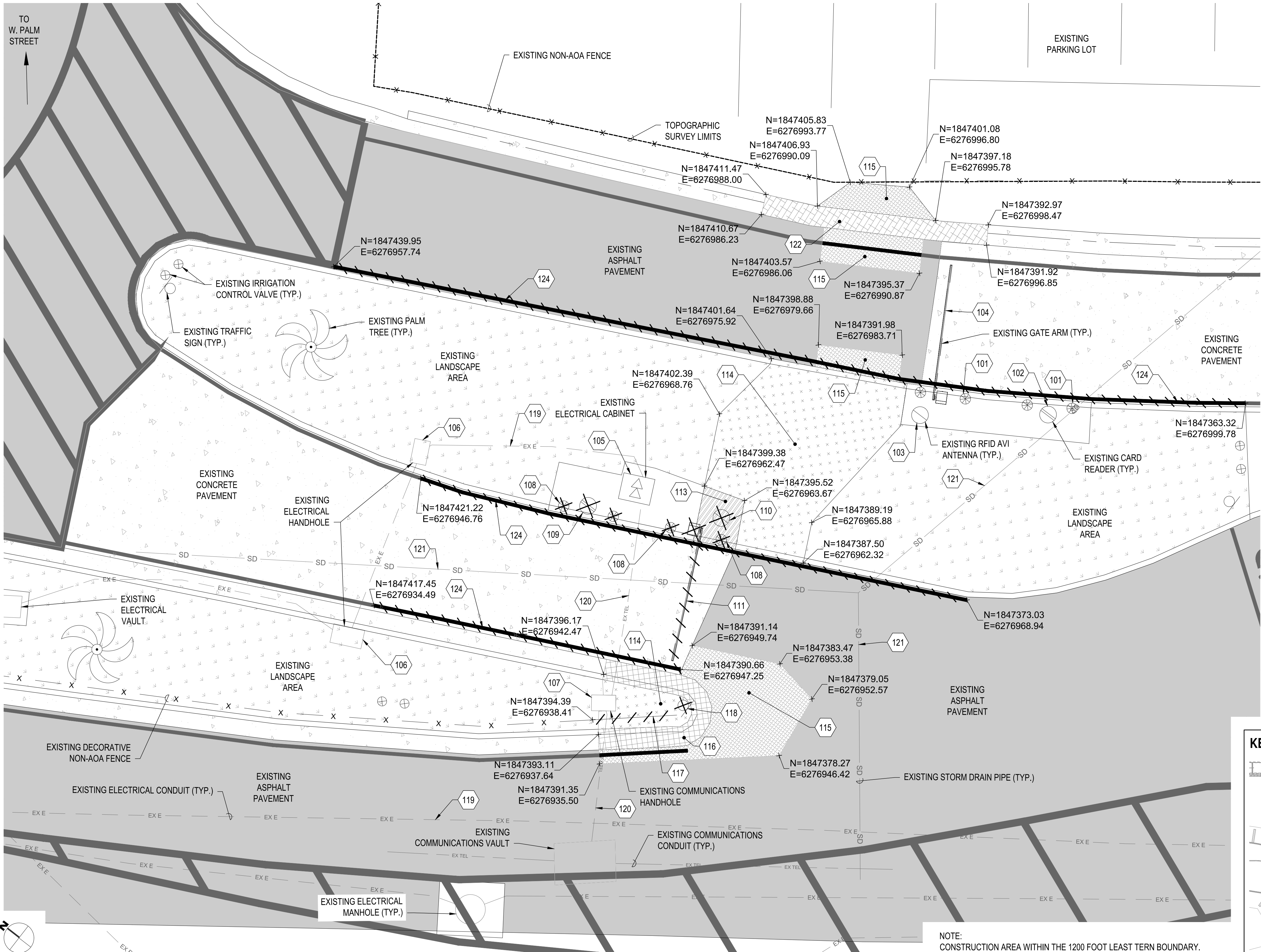


SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

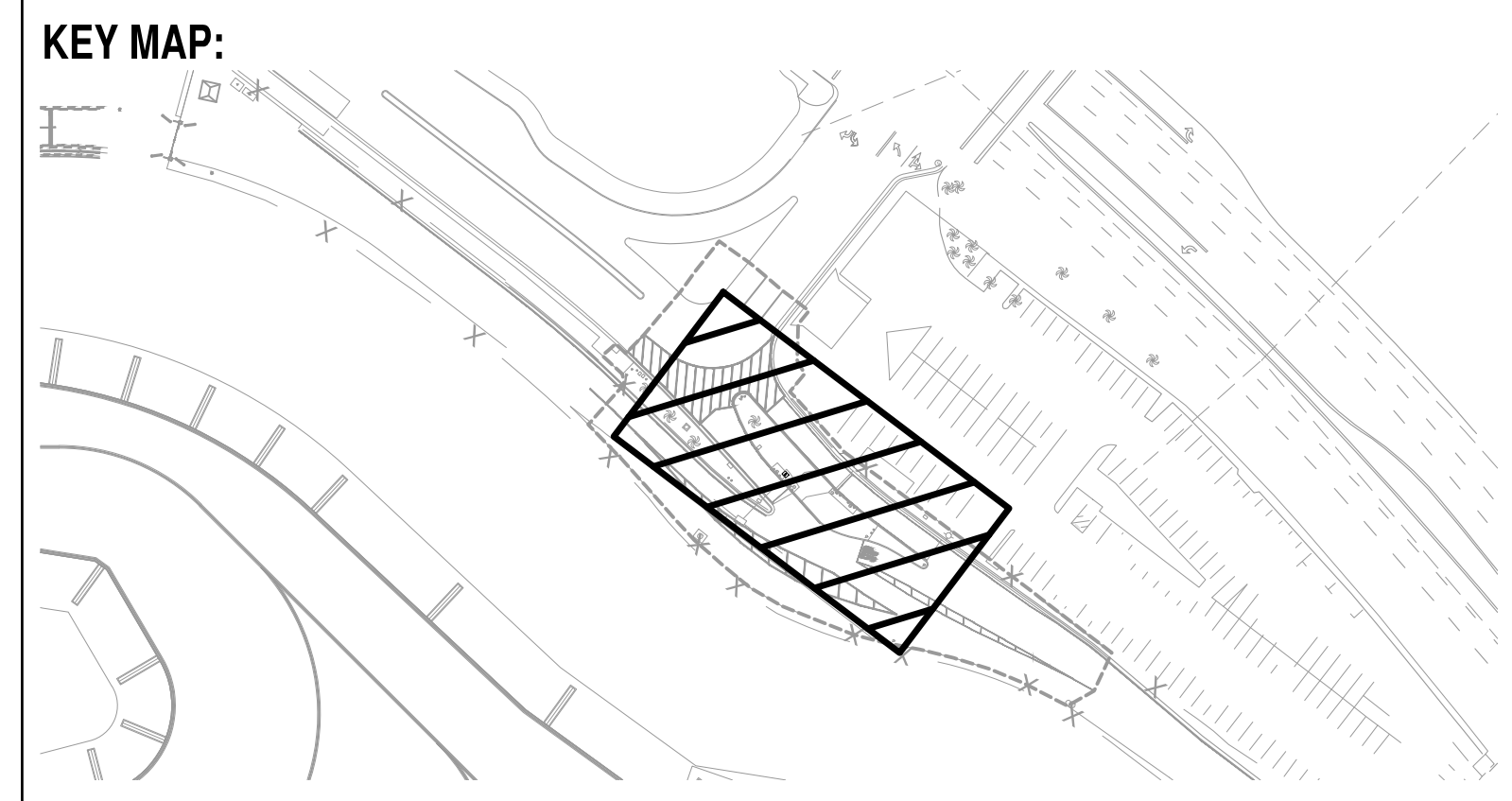
SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES
DEMOLITION PLAN - HARBOR DRIVE

DATUM: HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE: 05-11-2018
SHEET 3 OF 20
DRAWING NO. 4228
REV.

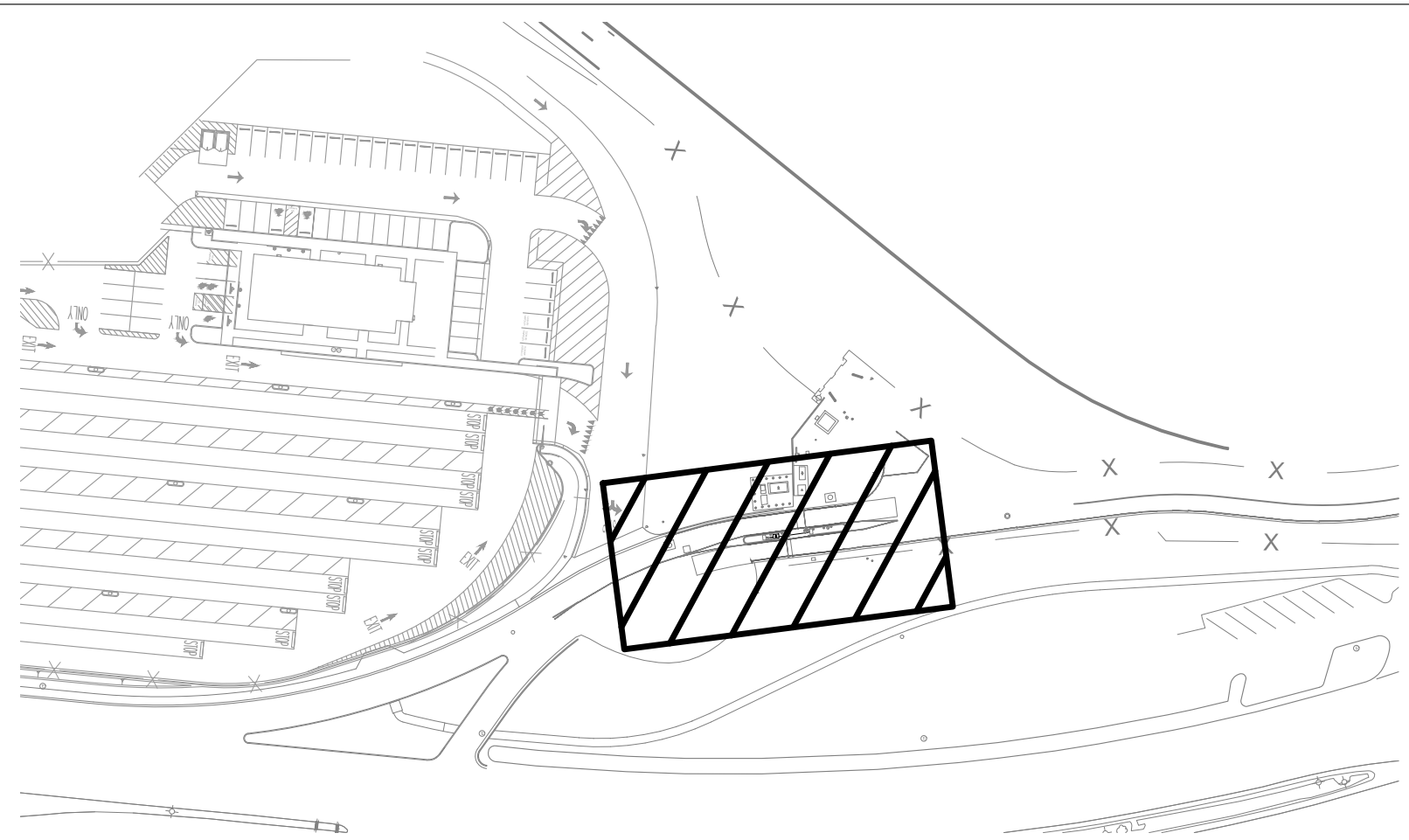


- SPEC:**
CSI 02 41 19
CSI 02 41 19
CSI 02 41 19
CSI 02 41 19
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CSI 02 41 19
CSI 02 41 14
CSI 02 41 14
CSI 02 41 14
CSI 02 41 14
CSI 02 41 14
CSI 32 31 13
CSI 02 41 19
CSI 02 41 19
CSI 02 41 19
CSI 02 41 19
CSI 02 41 14
CSI 32 17 23
- KEYED NOTES:**
(101) EXISTING TYPE A BOLLARD TO REMAIN, PROTECT IN PLACE (TYP.)
(102) EXISTING CARD READER TO REMAIN, PROTECT IN PLACE
(103) EXISTING RFID AVI ANTENNA TO REMAIN, PROTECT IN PLACE
(104) EXISTING LIFT ARM GATE TO REMAIN, PROTECT IN PLACE
(105) REMOVE AND SALVAGE ELECTRICAL CONTROLLER CABINET AND BATTERY BACK UP SYSTEM FOR LATER REINSTALLATION
(106) EXISTING ELECTRICAL HANDHOLE TO REMAIN, PROTECT IN PLACE
(107) EXISTING COMMUNICATION HANDHOLE TO REMAIN, PROTECT IN PLACE
(108) REMOVE TYPE A BOLLARD
(109) REMOVE AND SALVAGE CARD READER FOR LATER REINSTALLATION
(110) REMOVE AND SALVAGE RFID AVI ANTENNA FOR LATER REINSTALLATION
(111) REMOVE AND SALVAGE LIFT ARM GATE FOR LATER REINSTALLATION
(113) REMOVE CONCRETE CURB AND SURROUNDING CONCRETE MEDIAN PAVEMENT
(114) REMOVE CONCRETE CURB AND SURROUNDING LANDSCAPE AREA PLANTS, ROCKS AND EARTH
(115) REMOVE ASPHALT PAVEMENT
(116) REMOVE CONCRETE CURB AND GUTTER
(117) REMOVE DECORATIVE FENCING
(118) REMOVE AND SALVAGE TRAFFIC SIGN FOR LATER REINSTALLATION
(119) EXISTING ELECTRICAL CONDUIT TO REMAIN, PROTECT IN PLACE (TYP.)
(120) EXISTING COMMUNICATIONS CONDUIT TO REMAIN, PROTECT IN PLACE (TYP.)
(121) EXISTING STORM DRAIN PIPE TO REMAIN, PROTECT IN PLACE
(122) REMOVE CONCRETE VALLEY GUTTER
(124) REMOVE ROAD STRIPING

LEGEND
[Symbol] ASPHALT PAVEMENT TO REMIAN
[Symbol] LANDSCAPE AREA TO REMAIN
[Symbol] CONCRETE PAVEMENT TO REMAIN
[Symbol] CONCRETE CURB AND PAVEMENT TO BE REMOVED
[Symbol] CONCRETE CURB AND LANDSCAPE AREA TO BE REMOVED
[Symbol] ASPHALT PAVEMENT TO BE REMOVED
[Symbol] CONCRETE CURB AND GUTTER TO BE REMOVED
[Symbol] CONCRETE VALLEY GUTTER TO BE REMOVED



KEY MAP:



SPEC:

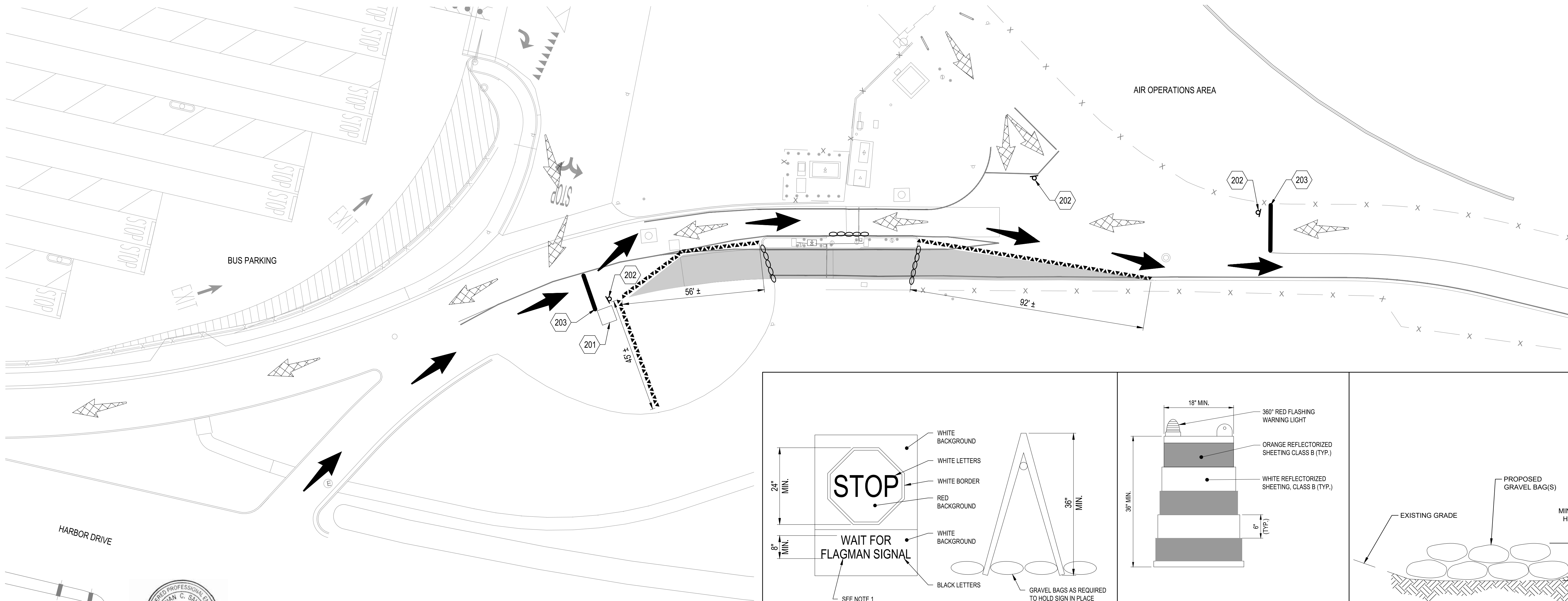
CSI 01 55 00
CSI 01 55 00
CSI 01 55 00

KEYED NOTES:

201. TEMPORARY FLAGMAN BOOTH
202. TEMPORARY SIGN READING "WAIT FOR FLAGMAN SIGNAL BEFORE PROCEEDING", PER DETAIL 1/SHEET 5
203. TEMPORARY STOP BAR

LEGEND:

- PHASE A AREA
INCOMING TRAFFIC
OUTGOING TRAFFIC
CONSTRUCTION DELINEATORS, PER DETAIL 2/THIS SHEET
TEMPORARY STOP BAR
GRAVEL BAGS, PER DETAIL 3/THIS SHEET



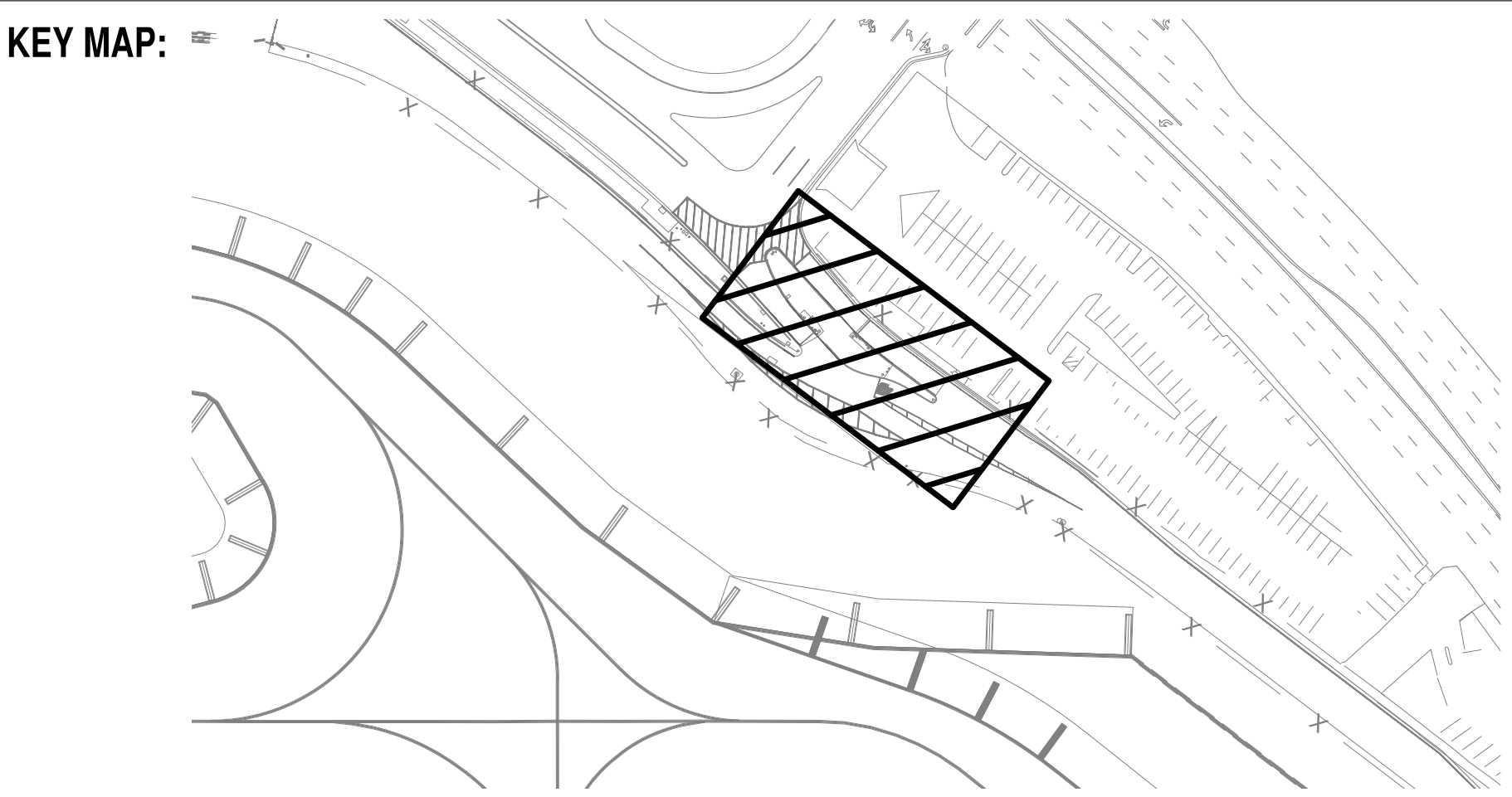
1 TEMPORARY SIGN DETAIL
SCALE: NOT TO SCALE

NOTES:
1. MINIMUM LETTER HEIGHT SHALL BE 3 INCHES.
2. STOP SIGN SHALL MEET ALL REQUIREMENTS OF THE M.U.T.C.D.

2 PLASTIC DRUM BARRICADE DETAIL
SCALE: NOT TO SCALE

NOTES:
1. BARRICADES SHALL BE SPACED 8' MAX. O.C.
2. BARRICADES SHALL MEET ALL REQUIREMENTS OF THE M.U.T.C.D.

3 GRAVEL BAG DETAIL
NOT TO SCALE



SPEC:

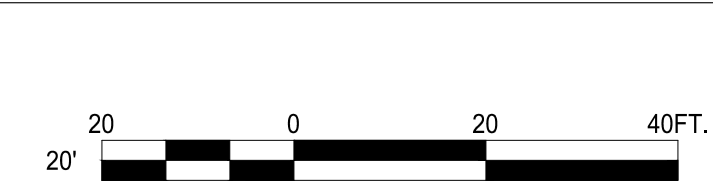
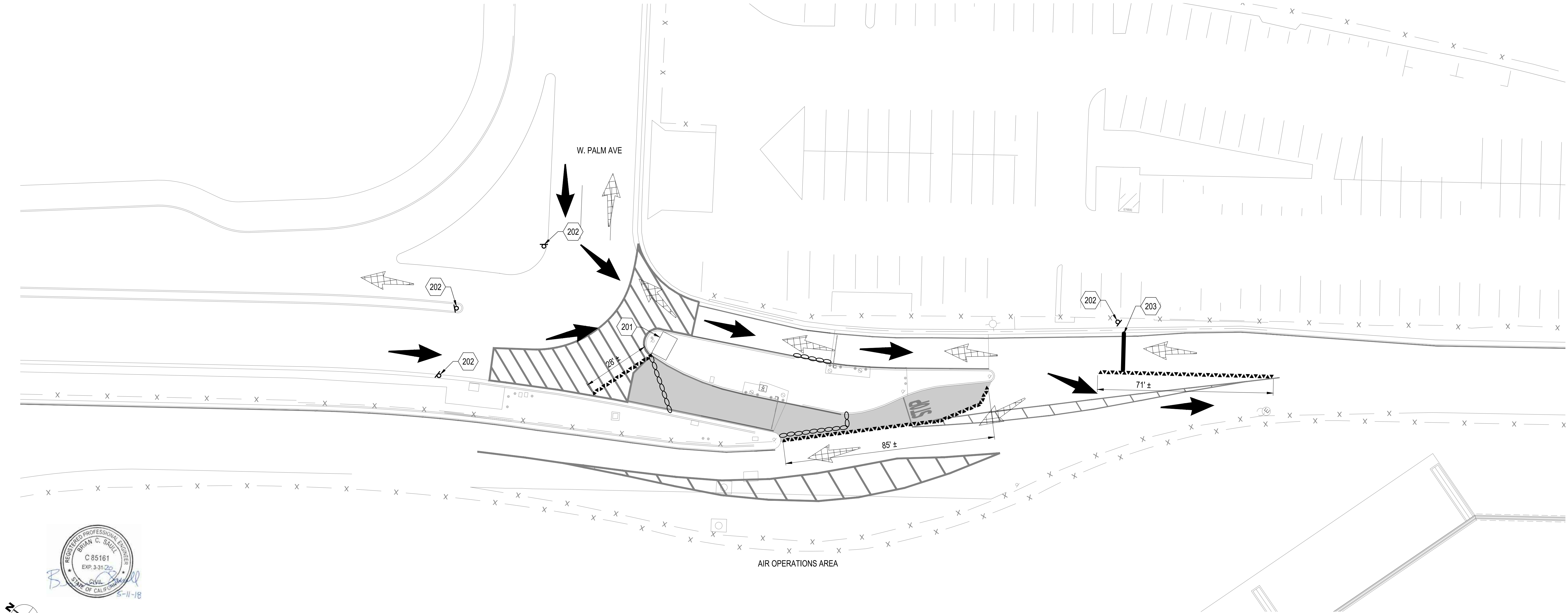
CSI 01 55 00
CSI 01 55 00
CSI 01 55 00

KEYED NOTES:

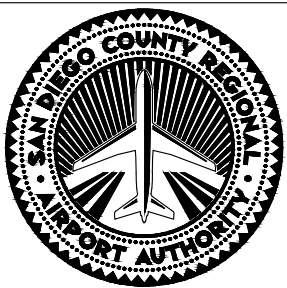
- 201. TEMPORARY FLAGMAN BOOTH
- 202. TEMPORARY SIGN READING "WAIT FOR FLAGMAN SIGNAL BEFORE PROCEEDING", PER
DETAIL 1/SHEET 5
- 203. TEMPORARY STOP BAR

LEGEND:

- PHASE A AREA
- INCOMING TRAFFIC
- OUTGOING TRAFFIC
- CONSTRUCTION DELINEATORS, PER DETAIL 2/SHEET 5
- TEMPORARY STOP BAR
- GRAVEL BAGS, PER DETAIL 3/SHEET 5



REVISIONS	DATE	APPROVED



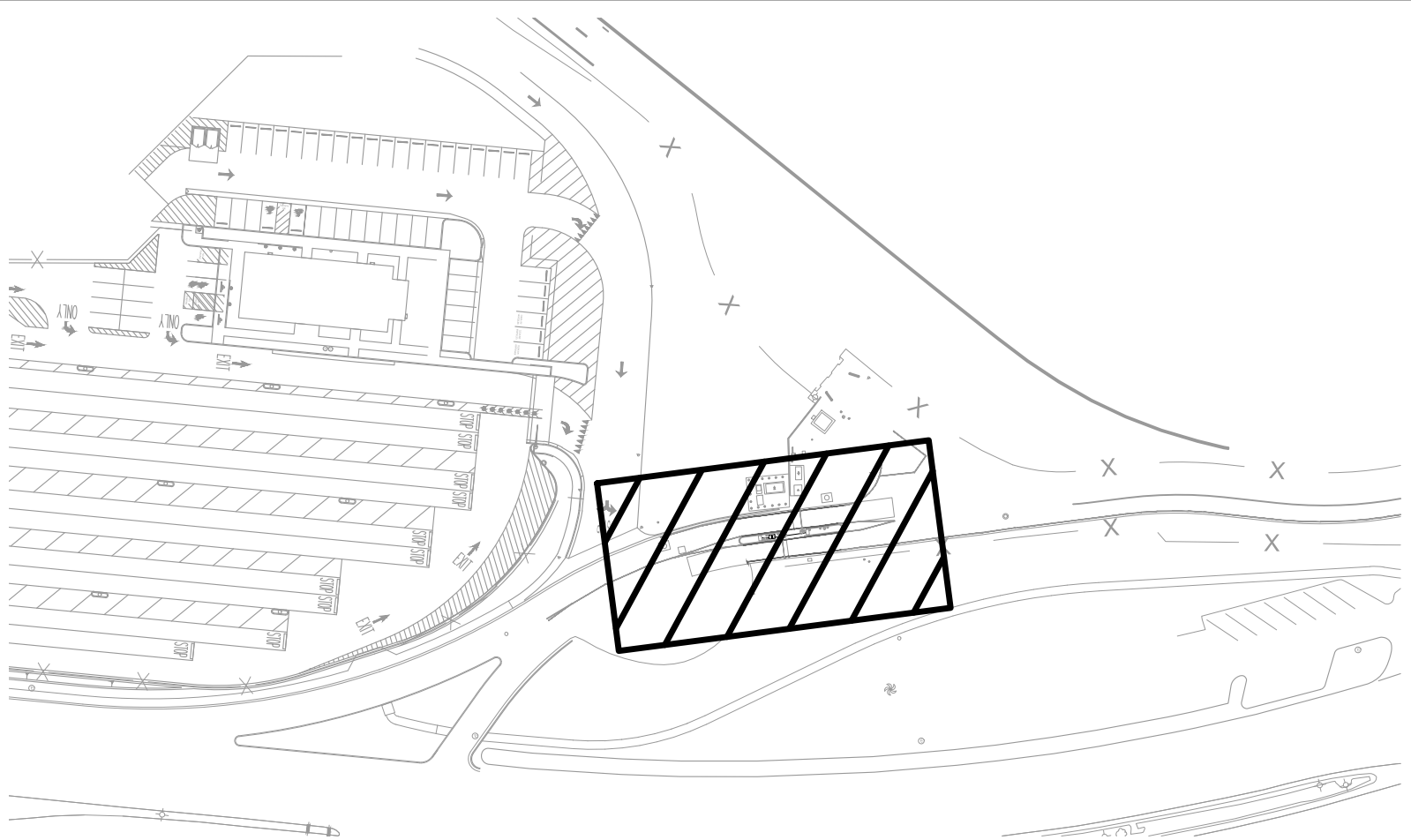
SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN:	C J G
DESIGNED:	S T B
REVIEWED:	B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY ENTRY / EXIT GATES
EROSION CONTROL AND CONSTRUCTION SAFETY AND PHASING PLAN PHASE A-PALM STREET

* DATUM *	
HORIZONTAL DATUM: NAD 83, EPOCH 2010 NORTH AMERICAN VERTICAL DATUM 1988	
DATE	05-11-2018
SHEET	6 OF 20
DRAWING NO.	4228
REV.	

KEY MAP:



SPEC:

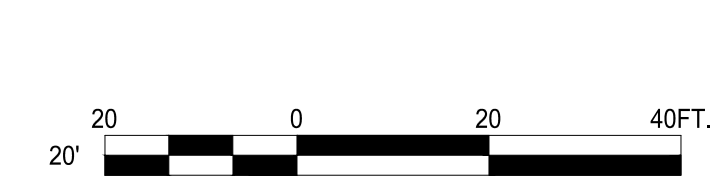
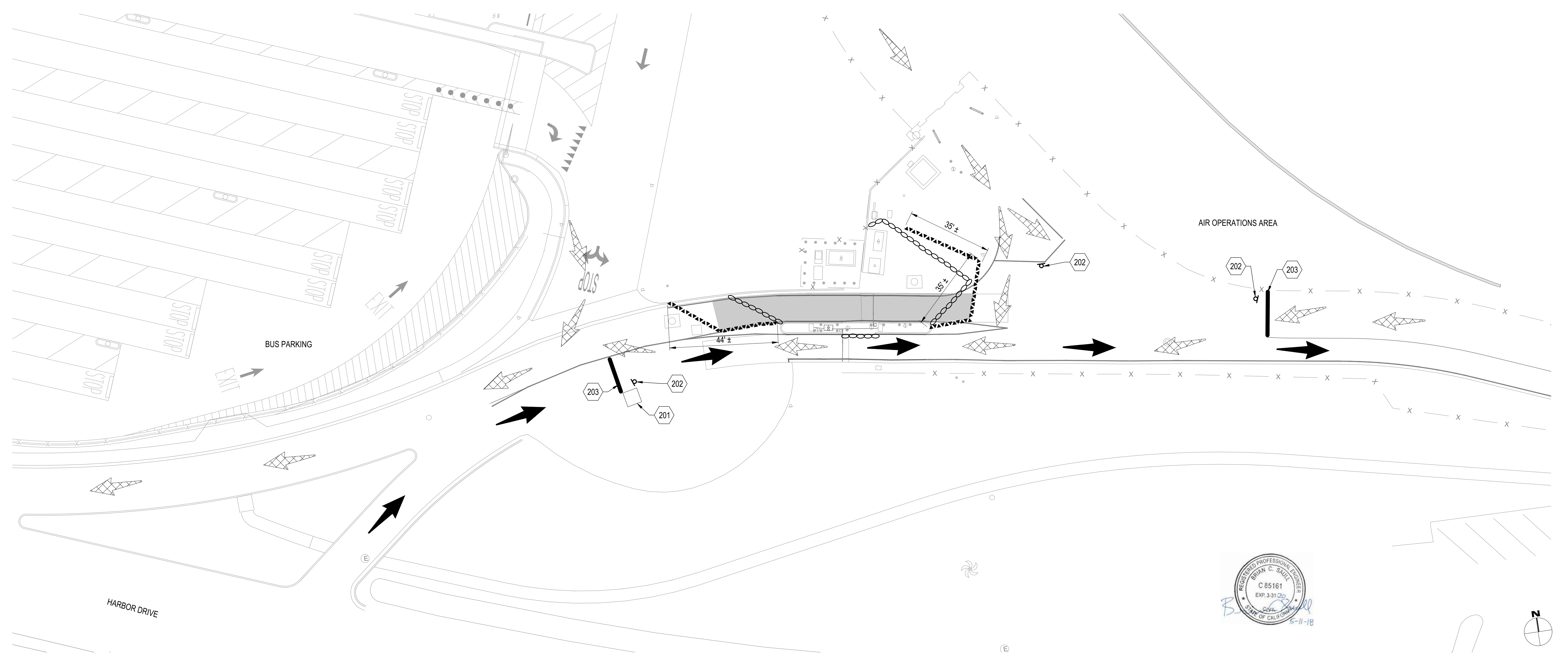
CSI 01 55 00
CSI 01 55 00
CSI 01 55 00

KEYED NOTES:

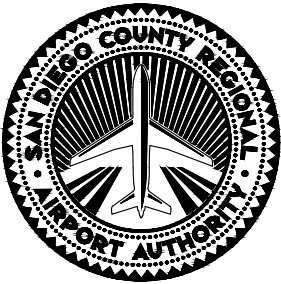
- 201. TEMPORARY FLAGMAN BOOTH
- 202. TEMPORARY SIGN READING "WAIT FOR FLAGMAN SIGNAL BEFORE PROCEEDING", PER DETAIL 1/SHEET 5
- 203. TEMPORARY STOP BAR

LEGEND:

- PHASE B AREA
- INCOMING TRAFFIC
- OUTGOING TRAFFIC
- CONSTRUCTION DELINEATORS, PER DETAIL 2/SHEET 5
- TEMPORARY STOP BAR
- GRAVEL BAGS, PER DETAIL 3/SHEET 5



REVISIONS	DATE	APPROVED	



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN:	C J G
DESIGNED:	S T B
REVIEWED:	B C S

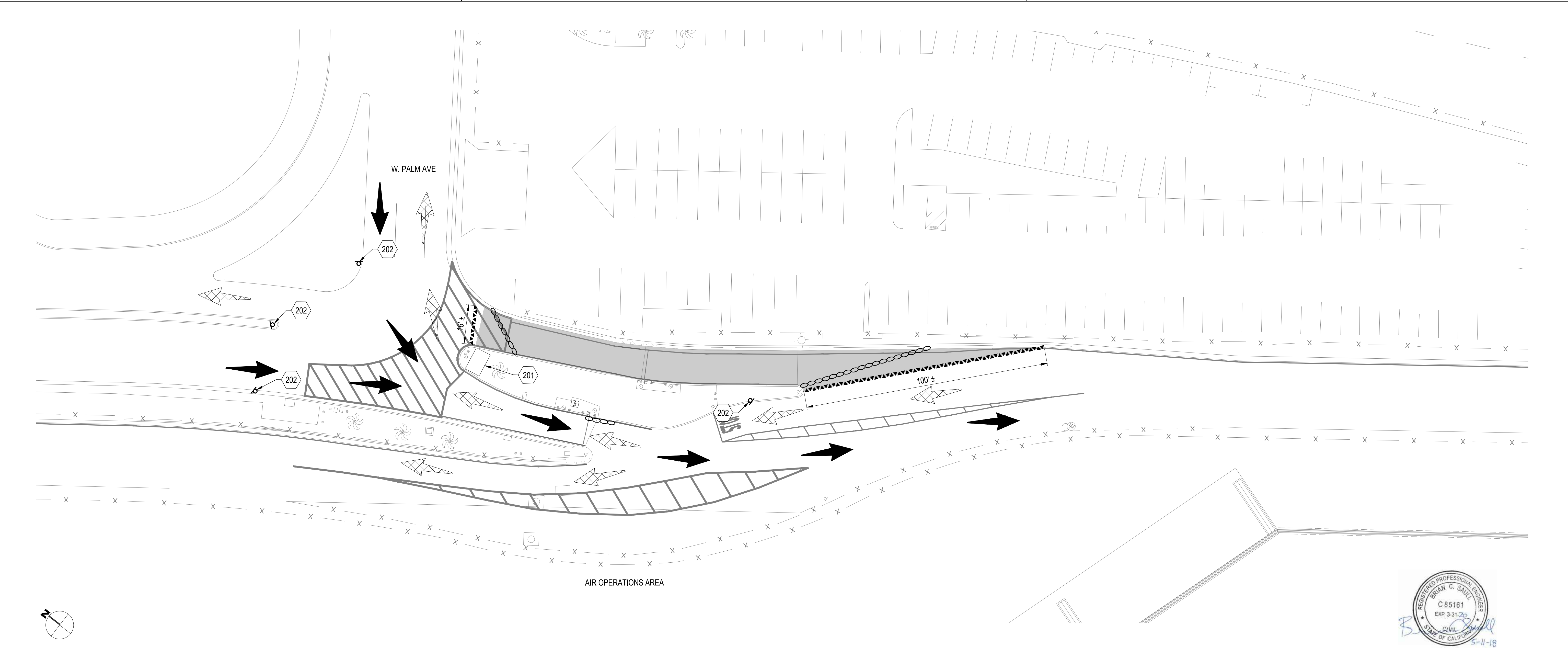
SAN DIEGO INTERNATIONAL AIRPORT		HORIZONTAL DATUM: NAD 83, EPOCH 2010 NORTH AMERICAN VERTICAL DATUM 1988
ADMIRAL BOLAND WAY ENTRY / EXIT GATES		DATE 05-11-2018
EROSION CONTROL AND CONSTRUCTION SAFETY AND PHASING PLAN PHASE B-HARBOR DRIVE		SHEET 7 OF 20
		DRAWING NO. 4228

KEY MAP:

SPEC:
CSI 01 55 00
CSI 01 55 00

KEYED NOTES:
201. TEMPORARY FLAGMAN BOOTH
202. TEMPORARY SIGN READING "WAIT FOR FLAGMAN SIGNAL BEFORE PROCEEDING", PER DETAIL 1/SHEET 5

LEGEND:
 PHASE B AREA
 INCOMING TRAFFIC
 OUTGOING TRAFFIC
 CONSTRUCTION DELINEATORS, PER DETAIL 2/SHEET 5
 GRAVEL BAGS, PER DETAIL 3/SHEET 5



REVISIONS	DATE	APPROVED	

SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

SAN DIEGO INTERNATIONAL AIRPORT

ADMIRAL BOLAND WAY
ENTRY / EXIT GATES

EROSION CONTROL AND CONSTRUCTION SAFETY AND PHASING PLAN PHASE B-PALM STREET

DATUM
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988

DATE 05-11-2018

SHEET 8 OF 20

DRAWING NO. 4228

REV.

HORIZONTAL CONTROL TABLE - HARBOR DRIVE				
NUMBER	NORTHING	EASTING	ELEVATION	DISCRPTION
A1	1845981.32	6275279.88	11.90	FOUNDATION CORNER
A2	1845980.64	6275283.82	11.90	FOUNDATION CORNER
A3	1845984.58	6275284.50	11.90	FOUNDATION CORNER
A4	1845985.26	6275280.56	11.90	FOUNDATION CORNER
B1	1845996.98	6275282.53	12.20	FOUNDATION CORNER
B2	1845996.30	6275286.47	12.20	FOUNDATION CORNER
B3	1846000.25	6275287.15	12.20	FOUNDATION CORNER
B4	1846000.93	6275283.21	12.20	FOUNDATION CORNER
C1	1845998.79	6275286.98	12.27	FOUNDATION CORNER
C2	1845998.11	6275290.92	12.27	FOUNDATION CORNER
C3	1846002.05	6275291.60	12.27	FOUNDATION CORNER
C4	1846002.73	6275287.66	12.27	FOUNDATION CORNER
D1	1846014.46	6275289.63	12.05	FOUNDATION CORNER
D2	1846013.78	6275293.57	12.05	FOUNDATION CORNER
D3	1846017.72	6275294.25	12.05	FOUNDATION CORNER
D4	1846018.40	6275290.31	12.05	FOUNDATION CORNER
E1	1846015.70	6275285.53		TYPE "A" BOLLARD
E2	1846002.87	6275283.37		TYPE "A" BOLLARD
E3	1845996.69	6275287.56		TYPE "A" BOLLARD
E4	1845999.22	6275297.32		TYPE "A" BOLLARD
E5	1845998.24	6275304.22		TYPE "A" BOLLARD
E6	1845997.78	6275307.19		TYPE "A" BOLLARD
E7	1845998.23	6275278.43		TYPE "A" BOLLARD
E8	1846001.35	6275292.49		TYPE "A" BOLLARD
F1	1845982.24	6275271.78		TYPE "B" BOLLARD
F2	1845985.41	6275276.27		TYPE "B" BOLLARD
F3	1845979.05	6275290.54		TYPE "B" BOLLARD
F4	1845983.54	6275287.36		TYPE "B" BOLLARD
F5	1846014.04	6275295.39		TYPE "B" BOLLARD
F6	1846015.94	6275300.55		TYPE "B" BOLLARD
G1	1846001.78	6275277.72		RFID AVI ANTENNA
G2	1845997.32	6275297.71		RFID AVI ANTENNA
H1	1845997.57	6275305.64		CARD READER
J1	1845998.90	6275299.16		LIFT ARM GATE
K1	1845979.95	6275294.49		CHAIN LINK FENCING
K2	1845973.93	6275293.50		CHAIN LINK FENCING
K3	1845975.95	6275281.14		CHAIN LINK FENCING
K4	1846017.22	6275281.21		CHAIN LINK FENCING
K5	1846023.14	6275289.62		CHAIN LINK FENCING
M1	1846016.32	6275281.66	12.39	TOP OF CURB
M2	1846022.23	6275290.07	12.41	TOP OF CURB
M3	1846003.54	6275278.85	12.70	TOP OF CURB
M4	1846001.34	6275293.43	12.77	TOP OF CURB
M5	1845999.80	6275291.22	12.76	TOP OF CURB
M6	1845996.68	6275291.18	12.78	TOP OF CURB
M7	1845998.73	6275278.03	12.70	TOP OF CURB
P1	1846015.10	6275281.47	11.97	EDGE OF PAVEMENT
P2	1846020.23	6275296.71	12.35	EDGE OF PAVEMENT
P3	1846012.77	6275295.42	12.08	EDGE OF PAVEMENT
P4	1846013.90	6275288.15	12.04	EDGE OF PAVEMENT
P5	1846014.03	6275288.11	12.01	EDGE OF PAVEMENT
P6	1845995.38	6275280.07	12.15	EDGE OF PAVEMENT
P7	1845993.99	6275288.10	12.17	EDGE OF PAVEMENT
P8	1845997.07	6275288.63	12.23	EDGE OF PAVEMENT
P9	1845990.65	6275255.87	11.86	EDGE OF PAVEMENT
P10	1845988.72	6275267.75	11.89	EDGE OF PAVEMENT
P11	1845986.96	6275278.76	11.98	EDGE OF PAVEMENT
P12	1845984.07	6275294.58	12.06	EDGE OF PAVEMENT
P13	1845982.10	6275294.22	12.01	EDGE OF PAVEMENT
P14	1845986.75	6275267.43	11.84	EDGE OF PAVEMENT
P15	1845988.63	6275255.78	11.82	EDGE OF PAVEMENT

LEGEND

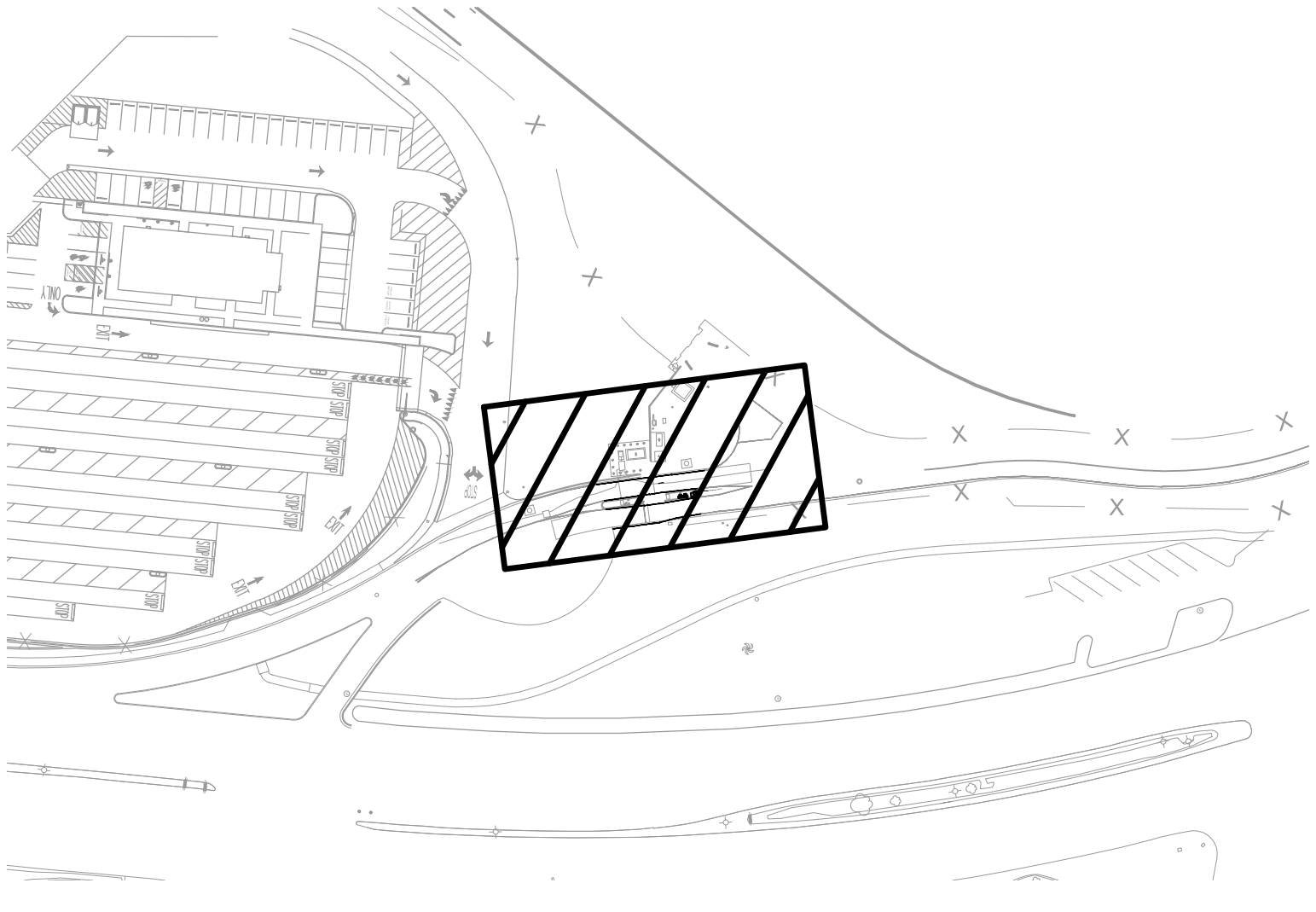
- ASPHALT PAVEMENT TO REMIAN
- LANDSCAPE AREA TO REMAIN
- CONCRETE PAVEMENT TO REMAIN
- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT

GENERAL NOTES:

1. PROPOSED CONSTRUCTION OF MEDIAN CONCRETE TO PROVIDE PROPOSED CONDUIT AND EQUIPMENT SHALL BE DETERMINED BY CONTRACTOR'S MEANS AND METHODS DURING CONSTRUCTION.
2. CONSTRUCTION AREA WITHIN THE 800 FOOT LEAST TERN BOUNDARY.

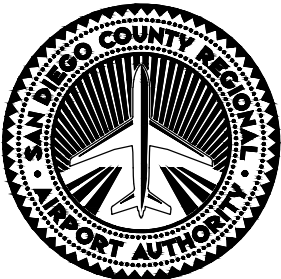
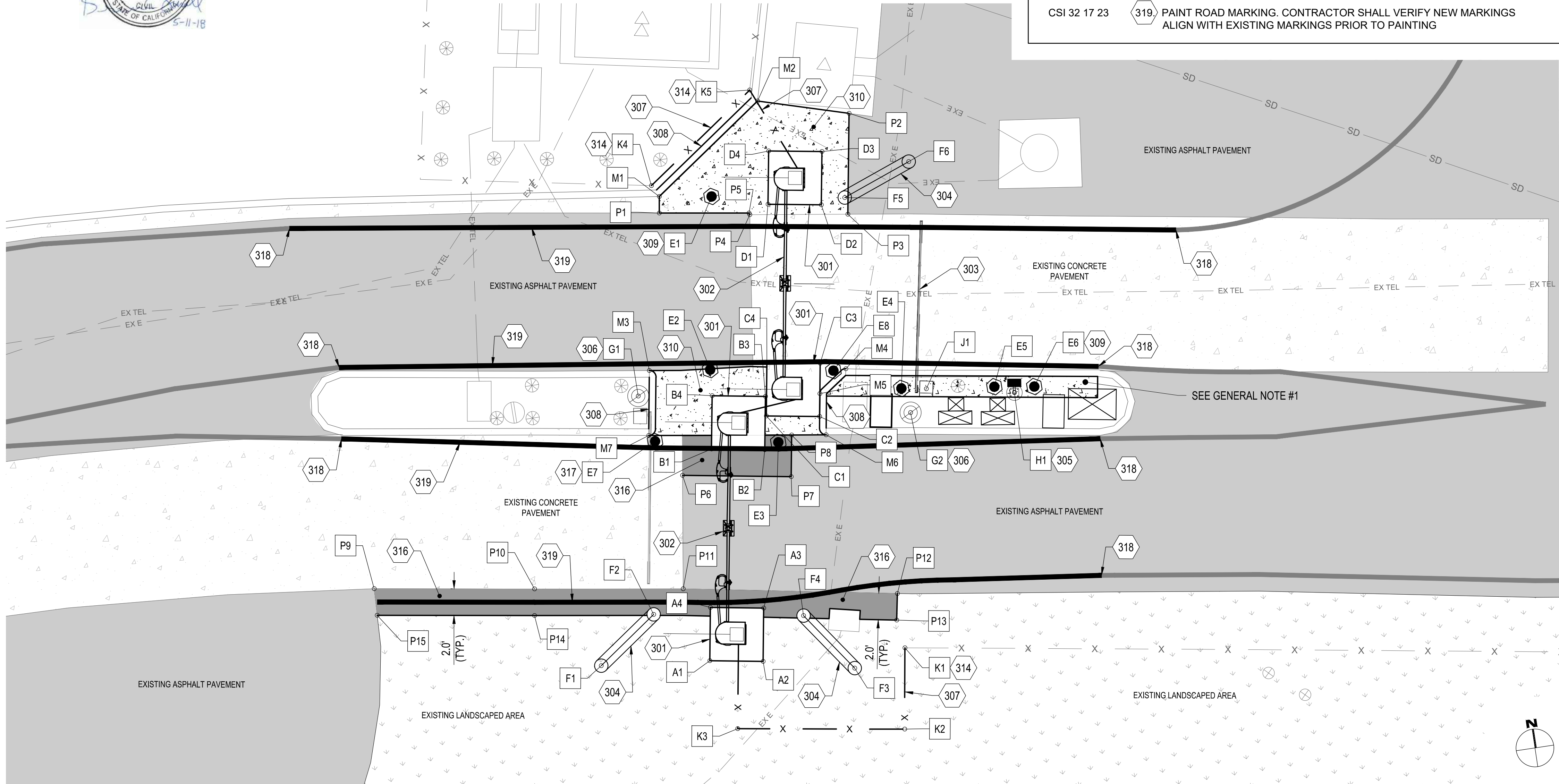


KEY MAP:



SPEC: KEYED NOTES:

- CSI 03 30 00 301. 4' BY 4' CONCRETE FOUNDATION, PER DETAIL 4/SHEET 15
- CSI 32 31 12 302. INSTALL WALLACE INTERNATIONAL TYPE II PDXT SPEEDGATE, PER DETAIL SHEETS 18-20
- CSI 02 41 19 303. INSTALL SALVAGED LIFT ARM TYPE I VEHICLE GATE
- CSI 05 50 00 304. INSTALL 6' WIDE, 4' HIGH TWO-POST TYPE B BOLLARD OF 6" DIAMETER (TYP.), PER DETAIL 5/SHEET 16
- CSI 02 41 19 305. INSTALL SALVAGED CARD READER
- CSI 02 41 19 306. INSTALL SALVAGED RFID AVI ANTENNA
- CSI 32 31 13 307. INSTALL CHAIN LINK SECURITY FENCING AND MAINTAIN 5' CLEARING FROM FENCE, PER DETAIL 1/SHEET 16
- CSI 03 30 00 308. CONSTRUCT 6" CURB PER DETAIL 1/SHEET 15
- CSI 05 50 00 309. INSTALL 4' HIGH SINGLE TYPE A BOLLARD OF 6" DIAMETER (TYP.), PER DETAIL 4/SHEET 16
- CSI 03 30 00 310. CONSTRUCT 4" PCC SIDEWALK PER DETAIL 3/SHEET 15
- CSI 32 31 13 314. CONNECT TO EXISTING CHAIN LINK SECURITY FENCING, PER DETAIL 1/SHEET 16
- CSI 32 12 16 316. CONSTRUCT ASPHALT PAVEMENT, PER DETAIL 3/SHEET 16
- CSI 05 50 00 317. INSTALL 2.5' HIGH SINGLE TYPE A BOLLARD OF 6" DIAMETER, PER DETAIL 6/SHEET 16
- CSI 32 17 23 318. MEET EXISTING ROAD STRIPING
- CSI 32 17 23 319. PAINT ROAD MARKING. CONTRACTOR SHALL VERIFY NEW MARKINGS ALIGN WITH EXISTING MARKINGS PRIOR TO PAINTING



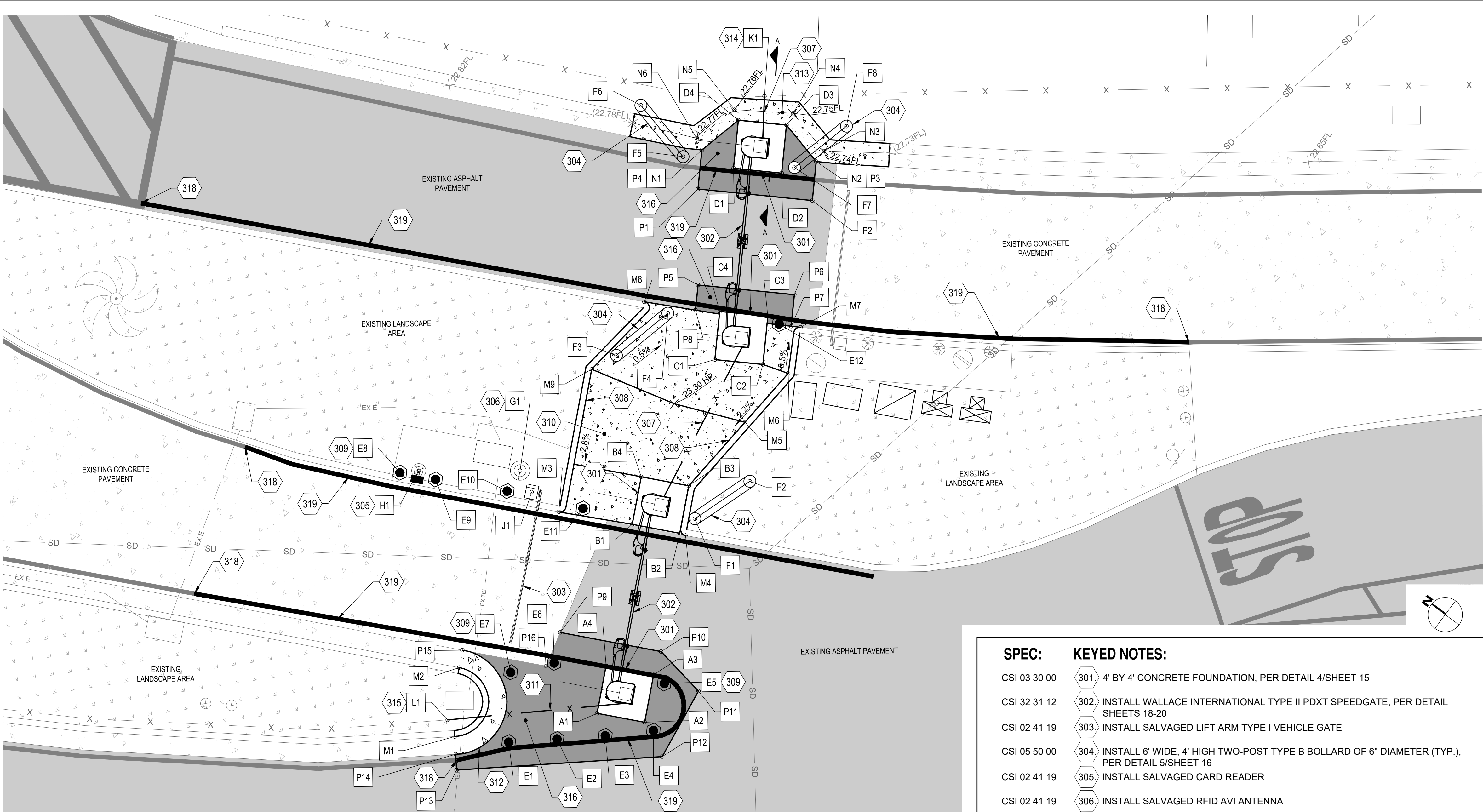
SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES
HORIZONTAL CONTROL PLAN - HARBOR DRIVE

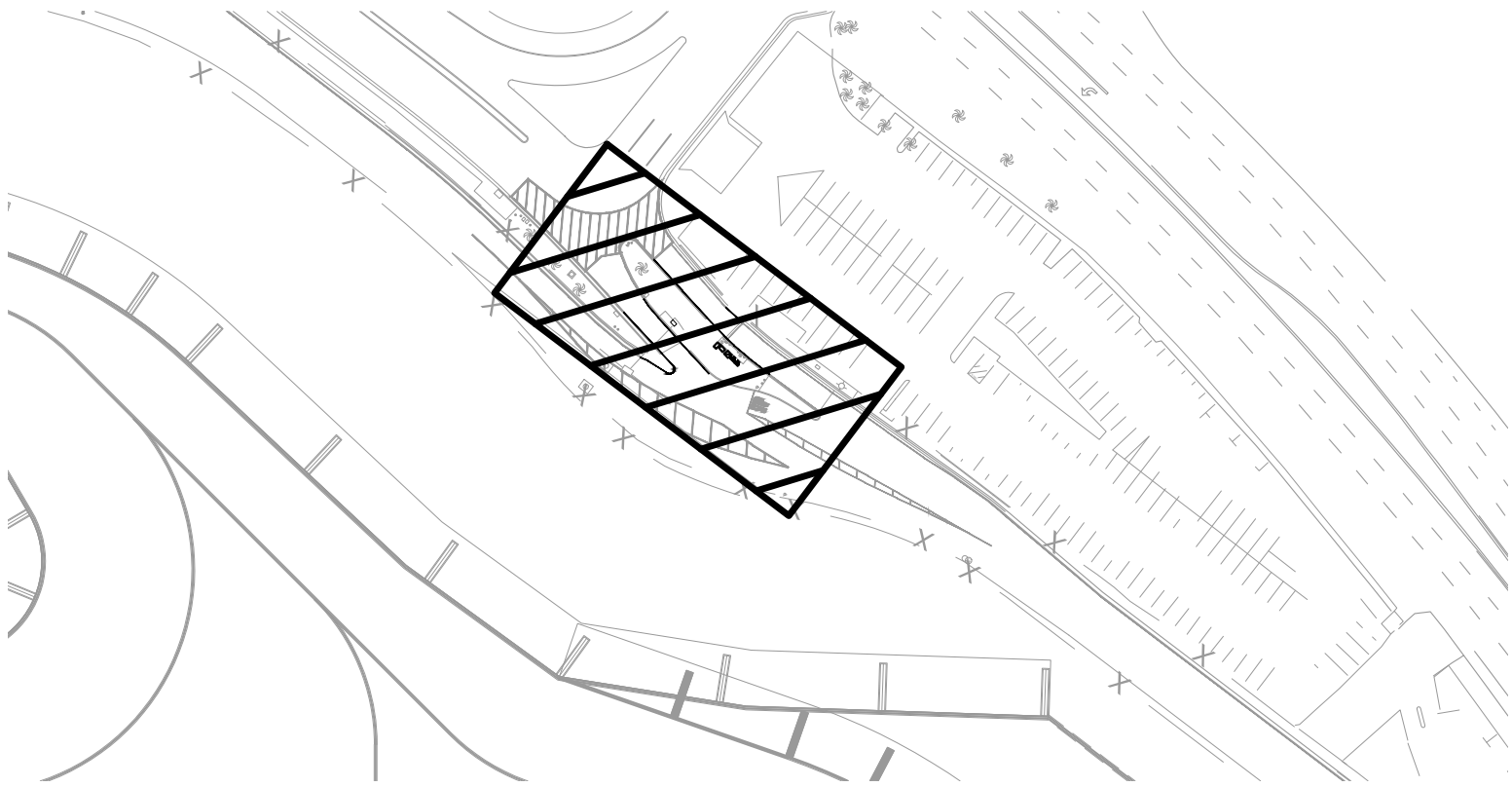
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE 05-11-2018
SHEET 9 OF 20
DRAWING NO. 4228
REV.

HORIZONTAL CONTROL TABLE - PALM STREET				
NUMBER	NORTHING	EASTING	ELEVATION	DISCRIPTION
A1	1847384.74	6276946.14	22.81	FOUNDATION CORNER
A2	1847381.12	6276947.86	22.81	FOUNDATION CORNER
A3	1847382.84	6276951.47	22.81	FOUNDATION CORNER
A4	1847386.45	6276949.76	22.81	FOUNDATION CORNER
B1	1847391.60	6276960.47	22.98	FOUNDATION CORNER
*B2	1847387.99	6276962.19	22.98	FOUNDATION CORNER
B3	1847389.71	6276965.80	22.98	FOUNDATION CORNER
B4	1847393.32	6276964.08	22.98	FOUNDATION CORNER
C1	1847394.13	6276975.50	23.25	FOUNDATION CORNER
C2	1847390.67	6276977.52	23.25	FOUNDATION CORNER
C3	1847392.70	6276980.97	23.25	FOUNDATION CORNER
C4	1847396.15	6276978.95	23.25	FOUNDATION CORNER
D1	1847402.21	6276989.18	22.87	FOUNDATION CORNER
D2	1847398.76	6276991.20	22.87	FOUNDATION CORNER
D3	1847400.78	6276994.65	22.87	FOUNDATION CORNER
D4	1847404.23	6276992.63	22.87	FOUNDATION CORNER
E1	1847389.23	6276939.91		TYPE "A" BOLLARD
E2	1847386.16	6276942.47		TYPE "A" BOLLARD
E3	1847383.09	6276945.04		TYPE "A" BOLLARD
E4	1847380.13	6276947.73		TYPE "A" BOLLARD
E5	1847381.71	6276951.41		TYPE "A" BOLLARD
E6	1847390.05	6276947.41		TYPE "A" BOLLARD
E7	1847392.50	6276944.67		TYPE "A" BOLLARD
E8	1847409.63	6276952.59		TYPE "A" BOLLARD
E9	1847406.92	6276953.88		TYPE "A" BOLLARD
E10	1847401.58	6276956.59		TYPE "A" BOLLARD
E11	1847395.67	6276959.13		TYPE "A" BOLLARD
E12	1847391.56	6276981.00		TYPE "A" BOLLARD
F1	1847387.69	6276963.90		TYPE "B" BOLLARD
F2	1847385.85	6276969.08		TYPE "B" BOLLARD
F3	1847400.90	6276970.97		TYPE "B" BOLLARD
F4	1847399.53	6276976.30		TYPE "B" BOLLARD
F5	1847406.14	6276987.49		TYPE "B" BOLLARD
F6	1847411.47	6276988.86		TYPE "B" BOLLARD
F7	1847398.18	6276992.20		TYPE "B" BOLLARD
F8	1847396.72	6276997.50		TYPE "B" BOLLARD
G1	1847401.71	6276958.58		RFID AVI ANTENNA
H1	1847408.47	6276953.64		CARD READER
J1	1847399.89	6276957.72		LIFT ARM GATE
K1	1847403.65	6276995.49		CHAIN LINK FENCING
L1	1847394.39	6276938.41		DECORATIVE FENCING
M1	1847393.11	6276937.64	23.01	TOP OF CURB
M2	1847396.17	6276942.47	23.19	TOP OF CURB
M3	1847397.11	6276957.73	23.43	TOP OF CURB
*M4	1847387.50	6276962.32	23.36	TOP OF CURB
M5	1847389.05	6276972.79	23.62	TOP OF CURB
M6	1847388.55	6276978.15	23.74	TOP OF CURB
M7	1847389.98	6276981.83	23.72	TOP OF CURB
M8	1847401.64	6276975.92	23.73	TOP OF CURB
M9	1847401.87	6276968.84	23.77	TOP OF CURB
N1	1847405.21	6276988.86	22.87	VALLEY GUTTER
N2	1847397.01	6276993.67	22.82	VALLEY GUTTER
N3	1847397.01	6276994.73	22.74 FL	VALLEY GUTTER
N4	1847400.91	6276995.75	22.75 FL	VALLEY GUTTER
N5	1847405.00	6276993.14	22.76 FL	VALLEY GUTTER
N6	1847406.13	6276989.39	22.77 FL	VALLEY GUTTER
P1	1847403.57	6276986.06	22.98	EDGE OF PAVEMENT
P2	1847395.37	6276990.87	23.01	EDGE OF PAVEMENT
P3	1847397.01	6276993.67	22.82	EDGE OF PAVEMENT
P4	1847405.21	6276988.86	22.87	EDGE OF PAVEMENT
P5	1847398.89	6276979.66	23.21	EDGE OF PAVEMENT
P6	1847391.98	6276983.71	23.20	EDGE OF PAVEMENT
P7	1847390.66	6276981.45	23.25	EDGE OF PAVEMENT
P8	1847397.83	6276977.85	23.28	EDGE OF PAVEMENT
P9	1847391.14	6276949.74	22.86	EDGE OF PAVEMENT
P10	1847383.47	6276953.38	22.81	EDGE OF PAVEMENT
P11	1847379.05	6276952.52	22.63	EDGE OF PAVEMENT
P12	1847378.27	6276946.43	22.47	EDGE OF PAVEMENT
P13	1847391.35	6276935.50	22.43	EDGE OF PAVEMENT
P14	1847392.18	6276936.51	22.49	EDGE OF PAVEMENT
P15	1847396.80	6276943.78	22.83	EDGE OF PAVEMENT
P16	1847390.45	6276946.80	22.81	EDGE OF PAVEMENT



* AT POINT B2/M4 FOUNDATION REVEAL OF 1.5" ± AND EFFECTIVE CURB HEIGHT OF 4.5"±

KEY MAP:



NOTE:

- CONTRACTOR SHALL PROVIDE DECORATIVE FENCE CONFORMING TO THE SAME AESTHETICS AS THE EXISTING FENCE. THE EXISTING FENCE IS GRIGLIATO TYPE "A" AS MANUFACTURED BY METALCO FENCE & RAILING SYSTEMS, INC. (800) 708-2526, HOWEVER PROPOSED DECORATIVE FENCE NEED NOT BE MANUFACTURED BY METALCO.
- CONSTRUCTION AREA WITHIN THE 1200 FOOT LEAST TURN BOUNDARY.

LEGEND

- ASPHALT PAVEMENT TO REMIAN
- LANDSCAPE AREA TO REMAIN
- CONCRETE PAVEMENT TO REMAIN
- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT



SPEC:

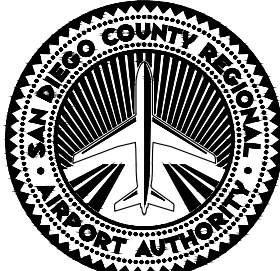
- CSI 03 30 00 301. 4' BY 4' CONCRETE FOUNDATION, PER DETAIL 4/SHEET 15
- CSI 32 31 12 302. INSTALL WALLACE INTERNATIONAL TYPE II PDXT SPEEDGATE, PER DETAIL SHEETS 18-20
- CSI 02 41 19 303. INSTALL SALVAGED LIFT ARM TYPE I VEHICLE GATE
- CSI 05 50 00 304. INSTALL 6' WIDE, 4' HIGH TWO-POST TYPE B BOLLARD OF 6" DIAMETER (TYP.), PER DETAIL 5/SHEET 16
- CSI 02 41 19 305. INSTALL SALVAGED CARD READER
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- CSI 32 31 13 307. INSTALL CHAIN LINK SECURITY FENCING AND MAINTAIN 5' CLEARING FROM FENCE, PER DETAIL 1/SHEET 16
- CSI 03 30 00 308. CONSTRUCT 6" CURB PER DETAIL 1/SHEET 15
- CSI 05 50 00 309. INSTALL 4' HIGH SINGLE TYPE A BOLLARD OF 6" DIAMETER (TYP.), PER DETAIL 4/SHEET 16
- CSI 03 30 00 310. CONSTRUCT 4" PCC SIDEWALK PER DETAIL 3/SHEET 15
- CSI 32 31 13 311. INSTALL DECORATIVE FENCING AND MAINTAIN 5' CLEARING FROM FENCE, PER DETAIL 2/SHEET 16
- CSI 03 30 00 312. CONSTRUCT 6" CURB AND GUTTER PER DETAIL 2/SHEET 15
- CSI 03 30 00 313. CONSTRUCT 2' VALLEY GUTTER PER DETAIL 5/SHEET 15
- CSI 32 31 13 314. CONNECT TO EXISTING CHAIN LINK SECURITY FENCING, PER DETAIL 1/SHEET 16
- CSI 32 31 13 315. CONNECT TO EXISTING DECORATIVE FENCING, PER DETAIL 2/SHEET 16
- CSI 32 12 16 316. CONSTRUCT ASPHALT PAVEMENT, PER DETAIL 3/SHEET 16
- CSI 32 17 23 318. MEET EXISTING ROAD STRIPING
- CSI 32 17 23 319. PAINT ROAD MARKING. CONTRACTOR SHALL VERIFY NEW MARKINGS ALIGN WITH EXISTING MARKINGS PRIOR TO PAINTING

SAN DIEGO INTERNATIONAL AIRPORT

ADMIRAL BOLAND WAY ENTRY / EXIT GATES

HORIZONTAL CONTROL PLAN - PALM STREET

* DATUM *	
HORIZONTAL DATUM: NAD 83, EPOCH 2010	
NORTH AMERICAN VERTICAL DATUM 1988	
DATE	05-11-2018
SHEET	10 OF 20
DRAWING NO.	REV.
4228	



SAN DIEGO INTERNATIONAL AIRPORT SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

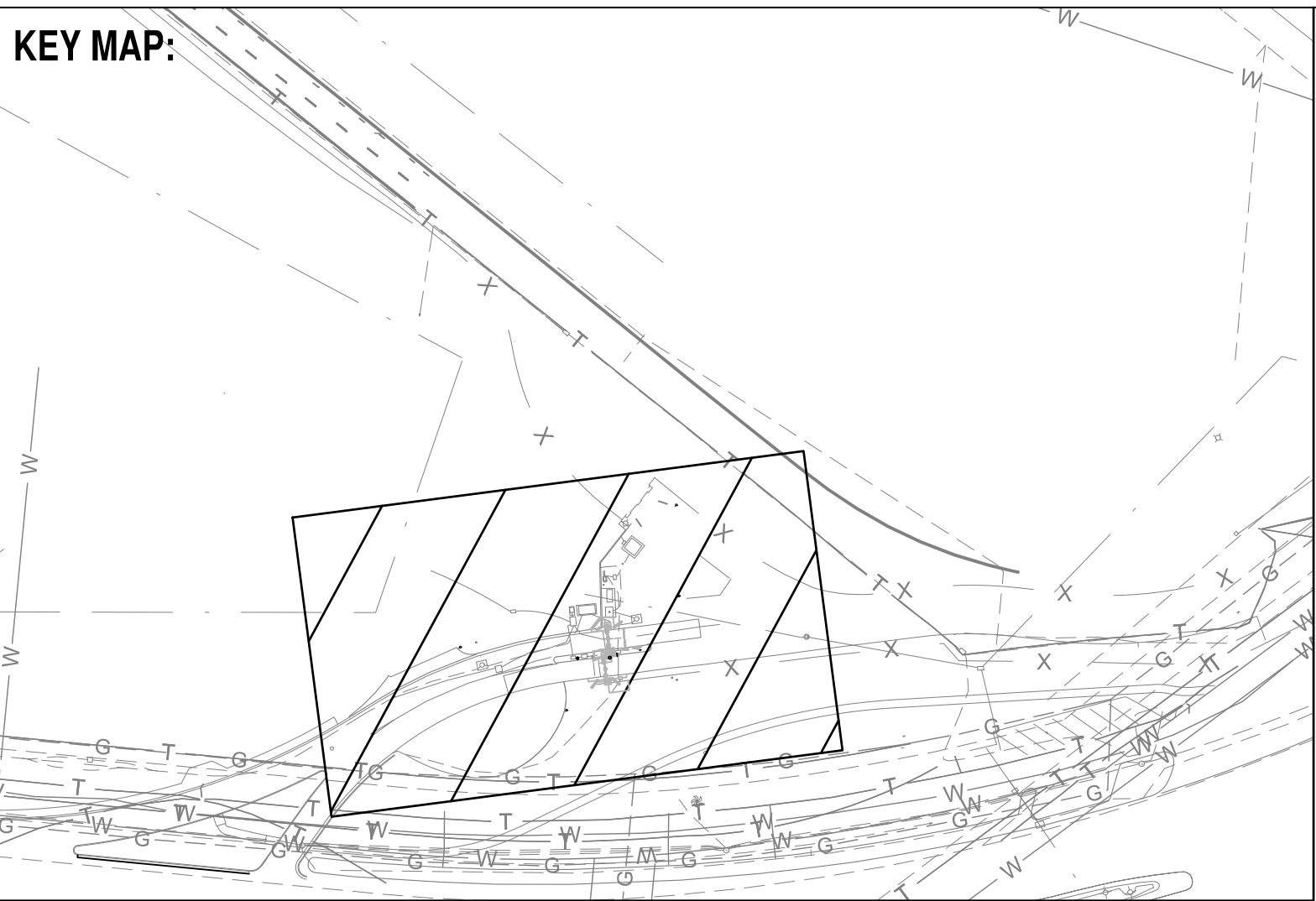
DRAWN:	C J G
DESIGNED:	S T B
REVIEWED:	B C S

REVISIONS

DATE

APPROVED

KEY MAP:



LEGEND:

- PROPOSED ELECTRICAL CONDUIT
- - - - - PROPOSED COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- - - - - EXISTING COMMUNICATIONS CONDUIT

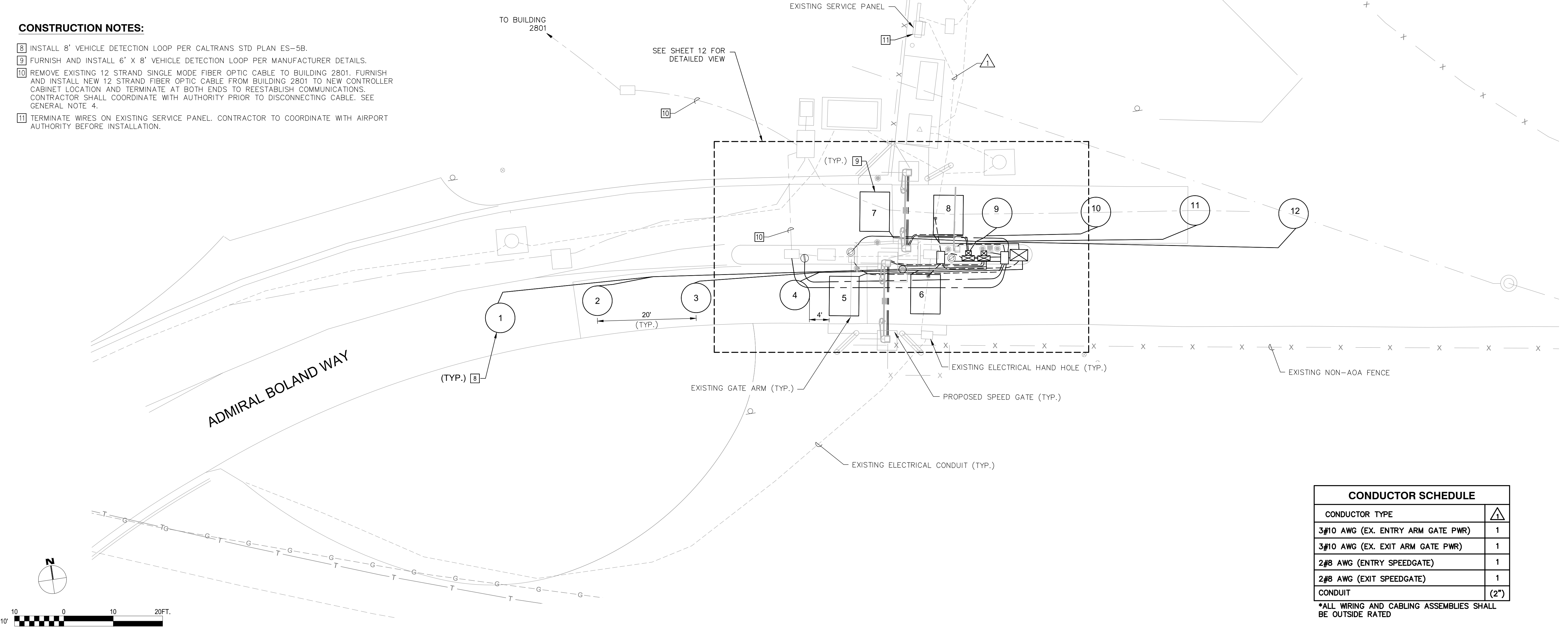
GENERAL NOTES:

1. ALL NEW WIRING AND CONNECTIONS SHALL HAVE PERMANENT LABELS ATTACHED IN ALL PULL BOXES AND CABINETS.
2. SERVICE TYPE SHALL BE 120/208V 3 PHASE 4 WIRE.
3. ALL PROPOSED CONDUITS SHALL BE SCH 80 PVC WITH MINIMUM DEPTH 30 INCHES BELOW GRADE.
4. EXISTING FIBER OPTIC CABLE RUN LENGTH UNKNOWN. CONTRACTOR TO PROVISION SUFFICIENT FIBER OPTIC CABLE TO CONNECT NEW CONTROLLER LOCATION TO BUILDING TERMINATION. REUSE OF EXISTING FIBER OPTIC CABLE TO BE DETERMINED BY ENGINEER IF SUFFICIENT SLACK EXISTS IN EXISTING FIBER OPTIC CABLE RUN.
5. CONTRACTOR SHALL RE-CONNECT ALL EQUIPMENT TO ACHIEVE INTENDED OPERATIONS PER SPECIFICATIONS.
6. EACH GATE AND CONTROLLER SHALL BE ON A SEPARATE ELECTRICAL CIRCUIT.

CONSTRUCTION NOTES:

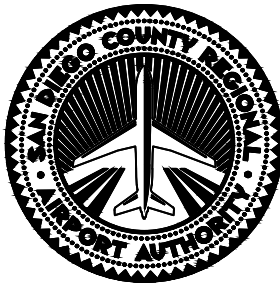
8. INSTALL 8' VEHICLE DETECTION LOOP PER CALTRANS STD PLAN ES-5B.
9. FURNISH AND INSTALL 6' X 8' VEHICLE DETECTION LOOP PER MANUFACTURER DETAILS.
10. REMOVE EXISTING 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO BUILDING 2801. FURNISH AND INSTALL NEW 12 STRAND FIBER OPTIC CABLE FROM BUILDING 2801 TO NEW CONTROLLER CABINET LOCATION AND TERMINATE AT BOTH ENDS TO REESTABLISH COMMUNICATIONS. CONTRACTOR SHALL COORDINATE WITH AUTHORITY PRIOR TO DISCONNECTING CABLE. SEE GENERAL NOTE 4.
11. TERMINATE WIRES ON EXISTING SERVICE PANEL. CONTRACTOR TO COORDINATE WITH AIRPORT AUTHORITY BEFORE INSTALLATION.

LOOP DETECTOR ASSIGNMENTS	
LOOP	CONTROLLER
1	EASTBOUND ENTRY SPEEDGATE
2	EASTBOUND ENTRY SPEEDGATE
3	EASTBOUND ENTRY SPEEDGATE
4	EASTBOUND ENTRY SPEEDGATE
5	EASTBOUND ENTRY ARM GATE
6	EASTBOUND ENTRY SPEEDGATE
7	WESTBOUND EXIT SPEEDGATE
8	WESTBOUND EXIT ARM GATE
9	WESTBOUND EXIT SPEEDGATE
10	WESTBOUND EXIT SPEEDGATE
11	WESTBOUND EXIT SPEEDGATE
12	WESTBOUND EXIT SPEEDGATE



CONDUCTOR SCHEDULE	
CONDUCTOR TYPE	
3#10 AWG (EX. ENTRY ARM GATE PWR)	1
3#10 AWG (EX. EXIT ARM GATE PWR)	1
2#8 AWG (ENTRY SPEEDGATE)	1
2#8 AWG (EXIT SPEEDGATE)	1
CONDUIT	(2")

*ALL WIRING AND CABLING ASSEMBLIES SHALL BE OUTSIDE RATED



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

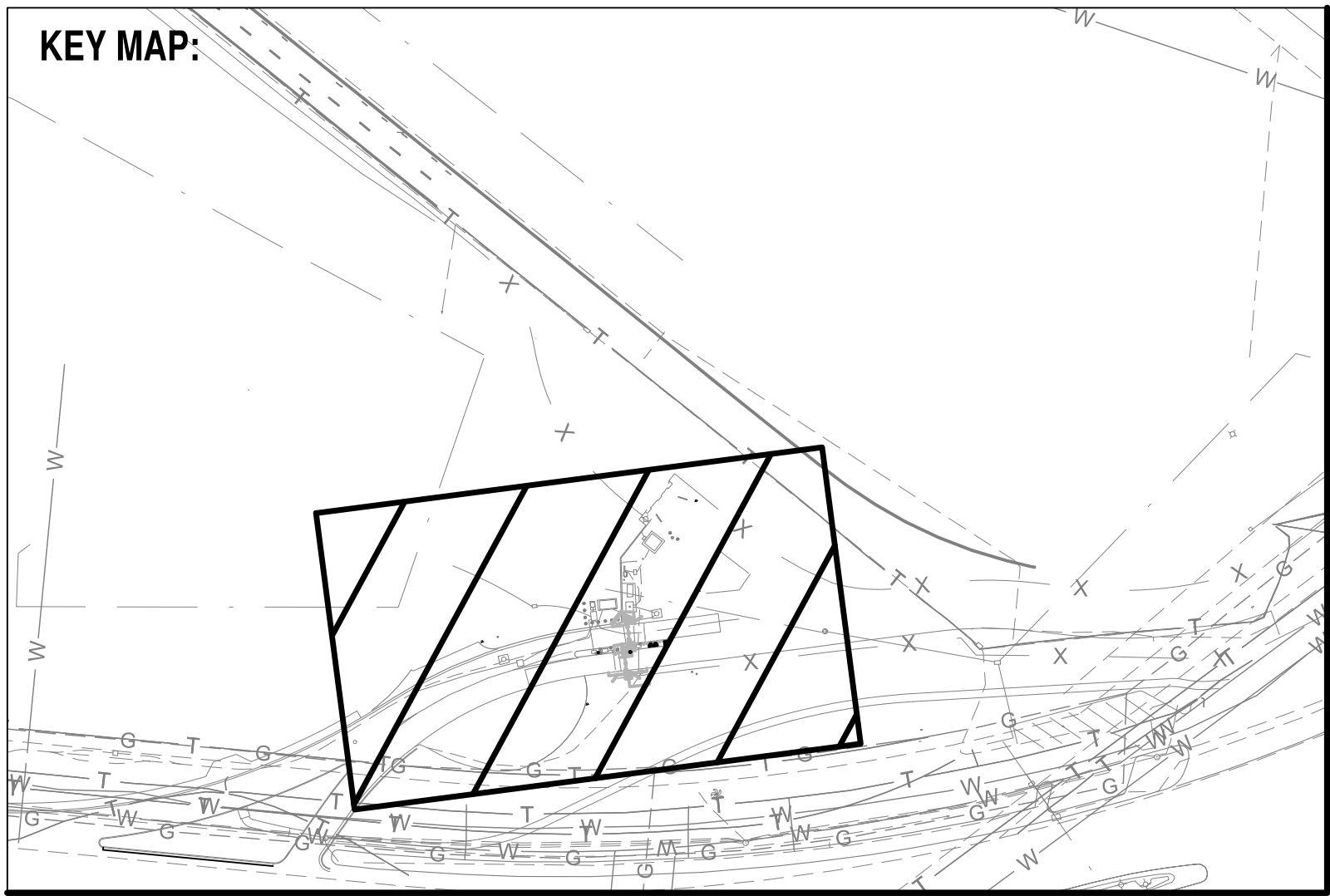
DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES

ELECTRICAL AND COMMUNICATIONS PLAN - HARBOR DRIVE

* DATUM *
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE 05-11-2018
SHEET 11 OF 20
DRAWING NO. 4228
REV.

KEY MAP:



LEGEND:

- PROPOSED ELECTRICAL CONDUIT
- PROPOSED COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- EXISTING COMMUNICATIONS CONDUIT

GENERAL NOTES:

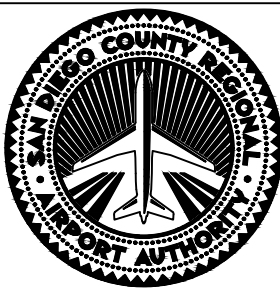
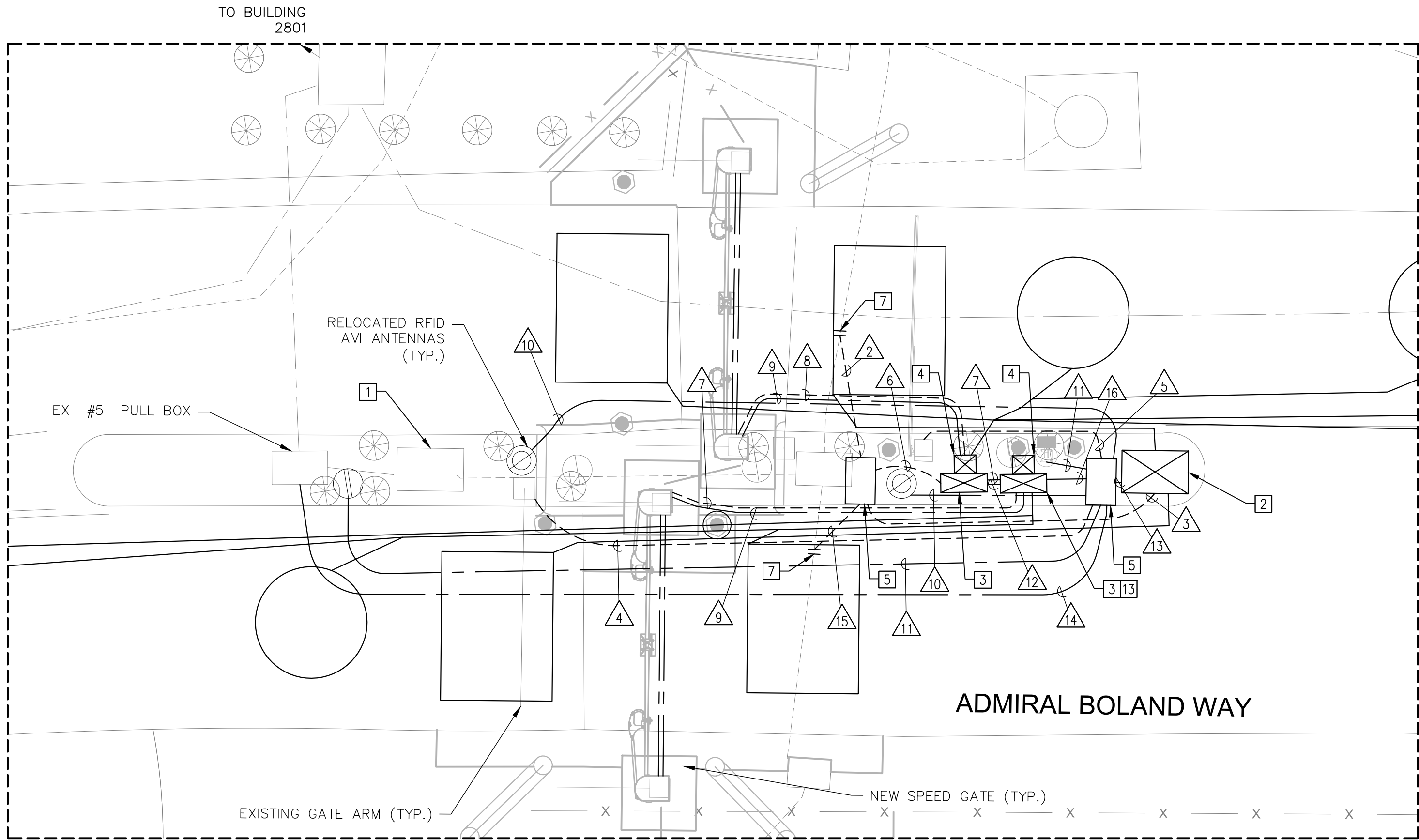
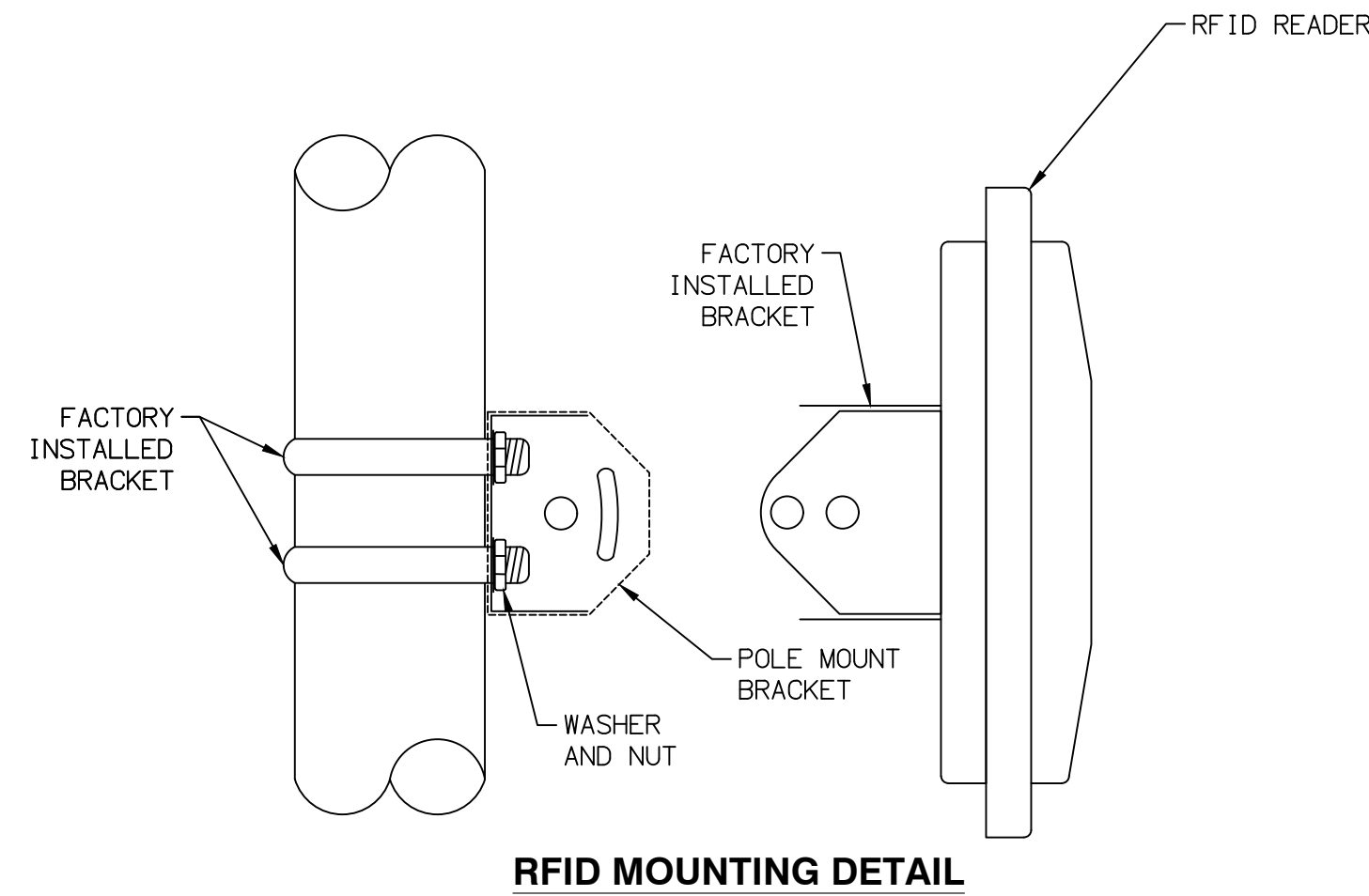
- ALL NEW WIRING AND CONNECTIONS SHALL HAVE PERMANENT LABELS ATTACHED IN ALL PULL BOXES AND CABINETS.
- SERVICE TYPE SHALL BE 120/208V 3 PHASE 4 WIRE.
- ALL PROPOSED CONDUITS SHALL BE SCH 80 PVC WITH MINIMUM DEPTH 30 INCHES BELOW GRADE.
- EXISTING FIBER OPTIC CABLE RUN LENGTH UNKNOWN. CONTRACTOR TO PROVISION SUFFICIENT FIBER OPTIC CABLE TO CONNECT NEW CONTROLLER LOCATION TO BUILDING TERMINATION. REUSE OF EXISTING FIBER OPTIC CABLE TO BE DETERMINED BY ENGINEER IF SUFFICIENT SLACK EXISTS IN EXISTING FIBER OPTIC CABLE RUN.
- CONTRACTOR SHALL RE-CONNECT ALL EQUIPMENT TO ACHIEVE INTENDED OPERATIONS PER SPECIFICATIONS.
- EACH GATE AND CONTROLLER SHALL BE ON A SEPARATE ELECTRICAL CIRCUIT.

CONDUCTOR SCHEDULE																	
CONDUCTOR TYPE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
3#10 AWG (EX. ENTRY ARM GATE PWR)	1	1	1	1													
3#10 AWG (EX. EXIT ARM GATE PWR)	1	1	1		1												
2#8 AWG (ENTRY SPEEDGATE)	1	1				1	1										
2#8 AWG (EXIT SPEEDGATE)	1	1				1		1									
COMPOSITE CABLE (RFID)										1			2				
3#18 AWG 2-CONDUCTOR (STROBE)										1			2				
6-PAIR NO. 22 COPPER (CARD READER)											1		1				
6-PAIR NO. 22 COPPER (ARM GATE)				1	1								2				
COMPOSITE CABLE (SPEEDGATE)									1								
SIGNAL INTERCONNECT CABLE 6 PAIR												1	1				1
12 STRAND SMFOC													1	1			
#18 AWG 2-CONDUCTOR (DSX OUTPUT)												2					
#22 AWG 4-CONDUCTOR (DSX COMM.)													1				1
EX. ELECTRICAL CABLES		1														1	
CONDUIT	(2")	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"

*ALL WIRING AND CABLING ASSEMBLIES SHALL BE OUTSIDE RATED

CONSTRUCTION NOTES:

- REMOVE AND RELOCATE EXISTING CONTROLLER CABINET, BATTERY BACKUP SYSTEM AND FOUNDATION COMPLETE.
- RELOCATE EXISTING CABINET AND BATTERY BACKUP SYSTEM COMPLETE TO NEW LOCATION PER PLAN. FURNISH AND INSTALL NEW FOUNDATION AND MOUNTING SUPPORT AT NEW LOCATION.
- FURNISH AND INSTALL WALLACE PDXT SPEEDGATE CONTROLLERS IN A 30" X 30" X 12" NEMA 3R CABINET WITH VEHICLE DETECTOR MODULES.
- FURNISH AND INSTALL BATTERY BACKUP SYSTEM AND ENCLOSURE ON BACK OF WALLACE PDXT SPEEDGATE CONTROLLER ENCLOSURE.
- FURNISH AND INSTALL #5 PULL BOX.
- INTERCEPT EXISTING CONDUIT AND CONNECT TO NEW 2" PVC CONDUIT.
- FURNISH AND INSTALL DSX LOGIC CONTROLLER IN SPEEDGATE CONTROLLER CABINET. MOUNT DSX LOGIC CONTROLLER TO CABINET BACKBOARD.



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN:
C J G
DESIGNED:
S T B
REVIEWED:
B C S

SAN DIEGO INTERNATIONAL AIRPORT

ADMIRAL BOLAND WAY
ENTRY / EXIT GATES

ELECTRICAL AND COMMUNICATIONS PLAN - HARBOR DRIVE

* DATUM *
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE 05-11-2018
SHEET 12 OF 20
DRAWING NO. 4228
REV.

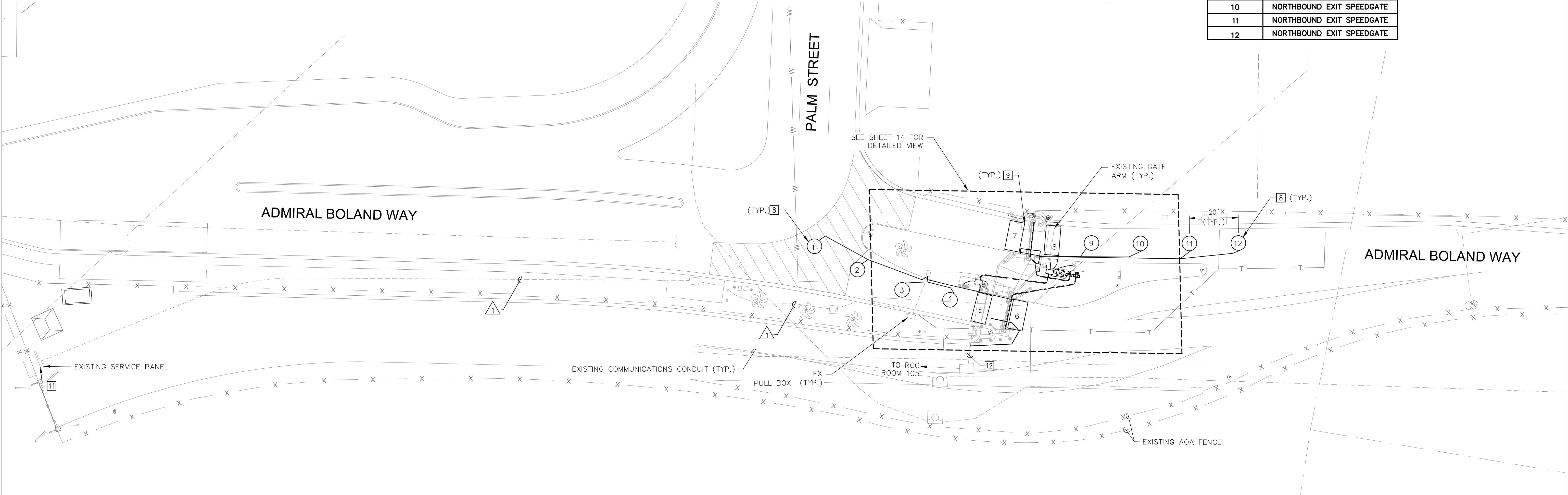
LOOP DETECTOR ASSIGNMENTS	
LOOP	CONTROLLER
1	SOUTHBOUND ENTRY SPEEDGATE
2	SOUTHBOUND ENTRY SPEEDGATE
3	SOUTHBOUND ENTRY SPEEDGATE
4	SOUTHBOUND ENTRY SPEEDGATE
5	SOUTHBOUND ENTRY ARM GATE
6	SOUTHBOUND ENTRY SPEEDGATE
7	NORTHBOUND EXIT SPEEDGATE
8	NORTHBOUND EXIT ARM GATE
9	NORTHBOUND EXIT SPEEDGATE
10	NORTHBOUND EXIT SPEEDGATE
11	NORTHBOUND EXIT SPEEDGATE
12	NORTHBOUND EXIT SPEEDGATE

LEGEND:

- PROPOSED ELECTRICAL CONDUIT
- - - - - PROPOSED COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- - - - - EXISTING COMMUNICATIONS CONDUIT

GENERAL NOTES:

1. ALL NEW WIRING AND CONNECTIONS SHALL HAVE PERMANENT LABELS ATTACHED IN ALL PULL BOXES AND CABINETS.
2. SERVICE TYPE SHALL BE 120/208V 3 PHASE 4 WIRE.
3. ALL PROPOSED CONDUITS SHALL BE SCH 80 PVC WITH MINIMUM DEPTH 30 INCHES BELOW GRADE.
4. EXISTING FIBER OPTIC CABLE RUN LENGTH UNKNOWN. CONTRACTOR TO PROVISION SUFFICIENT FIBER OPTIC CABLE TO CONNECT NEW CONTROLLER LOCATION TO BUILDING TERMINATION. REUSE OF EXISTING FIBER OPTIC CABLE TO BE DETERMINED BY ENGINEER IF SUFFICIENT SLACK EXISTS IN EXISTING FIBER OPTIC CABLE RUN.
5. CONTRACTOR SHALL RE-CONNECT ALL EQUIPMENT TO ACHIEVE INTENDED OPERATIONS PER SPECIFICATIONS.
6. EACH GATE AND CONTROLLER SHALL BE ON A SEPARATE ELECTRICAL CIRCUIT.



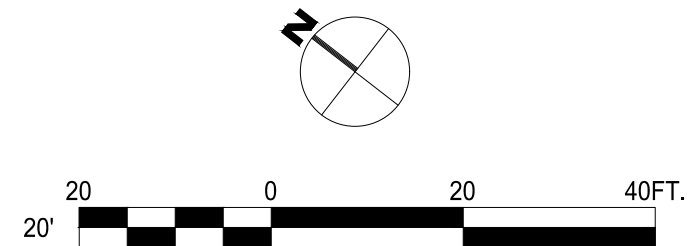
CONSTRUCTION NOTES:

- [8] INSTALL 8' VEHICLE DETECTION LOOP PER CALTRANS STD PLAN ES-5B.
- [9] FURNISH AND INSTALL 6' X 8' VEHICLE DETECTION LOOP PER MANUFACTURER DETAILS.
- [11] TERMINATE WIRES ON EXISTING SERVICE PANEL. CONTRACTOR TO COORDINATE WITH AIRPORT AUTHORITY BEFORE INSTALLATION.
- [12] REMOVE EXISTING 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO BUILDING RK ROOM 20. FURNISH AND INSTALL NEW 12 STRAND FIBER OPTIC CABLE FROM BUILDING RK ROOM 20 TO NEW CONTROLLER CABINET LOCATION AND TERMINATE AT BOTH ENDS TO REESTABLISH COMMUNICATIONS. CONTRACTOR SHALL COORDINATE WITH AUTHORITY PRIOR TO DISCONNECTING CABLE. SEE GENERAL NOTE 4.

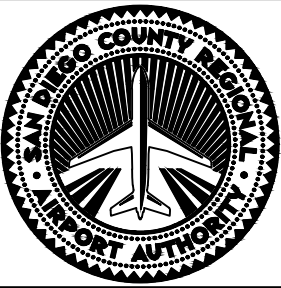
CONDUCTOR SCHEDULE	
CONDUCTOR TYPE	
3#10 AWG (EX. ENTRY ARM GATE PWR)	1
3#10 AWG (EX. EXIT ARM GATE PWR)	1
2#8 AWG (ENTRY SPEEDGATE)	1
2#8 AWG (EXIT SPEEDGATE)	1
CONDUIT	(2")

*ALL WIRING AND CABLING ASSEMBLIES SHALL BE OUTSIDE RATED

KEY MAP:



REVISIONS	DATE	APPROVED



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

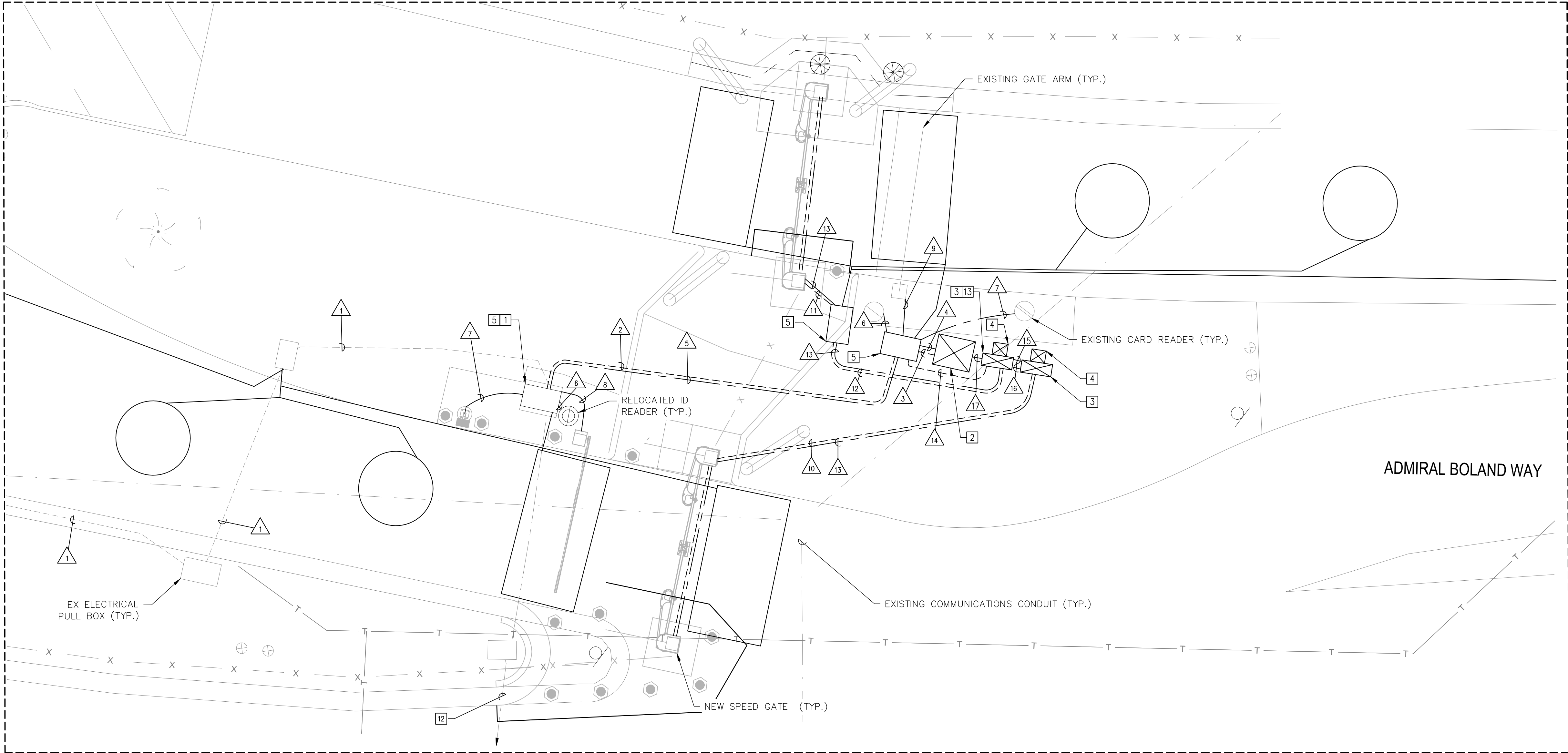
DRAWN:	C J G
DESIGNED:	S T B
REVIEWED:	B C S

SAN DIEGO INTERNATIONAL AIRPORT

ADMIRAL BOLAND WAY
ENTRY / EXIT GATES

ELECTRICAL AND COMMUNICATIONS PLAN - PALM STREET

* DATUM *		
HORIZONTAL DATUM: NAD 83, EPOCH 2010		
NORTH AMERICAN VERTICAL DATUM 1988		
DATE	05-11-2018	
SHEET	13	OF 20
DRAWING NO.	4228	REV.



LEGEND:

- PROPOSED ELECTRICAL CONDUIT
- PROPOSED COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- EXISTING COMMUNICATIONS CONDUIT

GENERAL NOTES:

1. ALL NEW WIRING AND CONNECTIONS SHALL HAVE PERMANENT LABELS ATTACHED IN ALL PULL BOXES AND CABINETS.
2. SERVICE TYPE SHALL BE 120/208V 3 PHASE 4 WIRE.
3. ALL PROPOSED CONDUITS SHALL BE SCH 80 PVC WITH MINIMUM DEPTH 30 INCHES BELOW GRADE.
4. EXISTING FIBER OPTIC CABLE RUN LENGTH UNKNOWN. CONTRACTOR TO PROVISION SUFFICIENT FIBER OPTIC CABLE TO CONNECT NEW CONTROLLER LOCATION TO BUILDING TERMINATION. REUSE OF EXISTING FIBER OPTIC CABLE TO BE DETERMINED BY ENGINEER IF SUFFICIENT SLACK EXISTS IN EXISTING FIBER OPTIC CABLE RUN.
5. CONTRACTOR SHALL RE-CONNECT ALL EQUIPMENT TO ACHIEVE INTENDED OPERATIONS PER SPECIFICATIONS.
6. EACH GATE AND CONTROLLER SHALL BE ON A SEPARATE ELECTRICAL CIRCUIT.

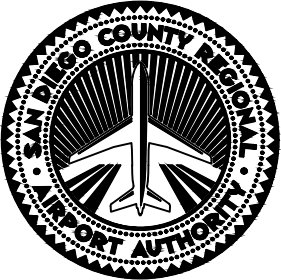
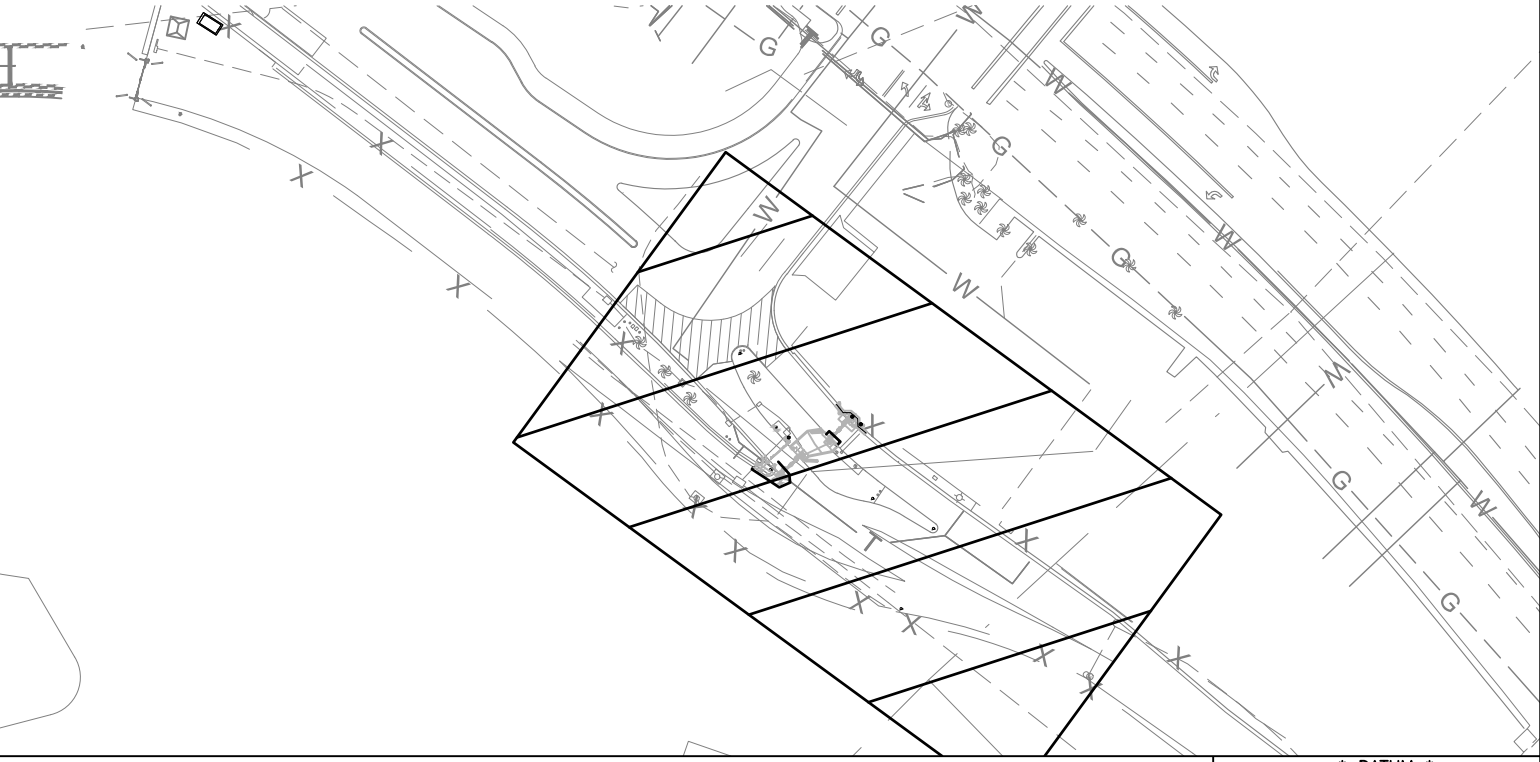
CONSTRUCTION NOTES:

- 1 REMOVE AND RELOCATE EXISTING CONTROLLER CABINET, BATTERY BACKUP SYSTEM AND FOUNDATION COMPLETE.
- 2 RELOCATE EXISTING CABINET AND BATTERY BACKUP SYSTEM COMPLETE TO NEW LOCATION PER PLAN. FURNISH AND INSTALL NEW FOUNDATION AND MOUNTING SUPPORT AT NEW LOCATION.
- 3 FURNISH AND INSTALL WALLACE PDXT SPEEDGATE CONTROLLERS IN A 30" X 30" X 12" NEMA 3R CABINET WITH VEHICLE DETECTOR MODULES.
- 4 FURNISH AND INSTALL BATTERY BACKUP SYSTEM AND ENCLOSURE ON BACK OF WALLACE PDXT SPEEDGATE CONTROLLER ENCLOSURE.
- 5 FURNISH AND INSTALL #5 PULL BOX.
- 12 REMOVE EXISTING 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO BUILDING RK ROOM 20. FURNISH AND INSTALL NEW 12 STRAND FIBER OPTIC CABLE FROM BUILDING RK ROOM 20 TO NEW CONTROLLER CABINET LOCATION AND TERMINATE AT BOTH ENDS TO REESTABLISH COMMUNICATIONS. CONTRACTOR SHALL COORDINATE WITH AUTHORITY PRIOR TO DISCONNECTING CABLE. SEE GENERAL NOTE 4.
- 13 FURNISH AND INSTALL DSX LOGIC CONTROLLER IN SPEEDGATE CONTROLLER CABINET. MOUNT DSX LOGIC CONTROLLER TO CABINET BACKBOARD.

CONDUCTOR SCHEDULE																	
CONDUCTOR TYPE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
3#10 AWG (EX. ENTRY ARM GATE PWR)	1	2	2					1									
3#10 AWG (EX. EXIT ARM GATE PWR)	1	1	2						1								
2#8 AWG (ENTRY SPEEDGATE)	1	1								1				1		1	
2#8 AWG (EXIT SPEEDGATE)	1	1									1	1		1			
COMPOSITE CABLE (RFID)				2	1	1											
3#18 AWG 2-CONDUCTOR (STROBE)				2	1	1											
6-PAIR NO. 22 COPPER (CARD READER)				2	1		1										
6-PAIR NO. 22 COPPER (ARM GATE)				2	1			1	1								
COMPOSITE CABLE (SPEEDGATE)													1				
SIGNAL INTERCONNECT CABLE 6 PAIR															1		1
12 STRAND SMFOC				1	1												
DETECTOR LEAD-IN CABLE	3	4	2									3		3		3	
#18 AWG 2-CONDUCTOR (DSX OUTPUT)															2		
#22 AWG 4-CONDUCTOR (DSX COMM.)																	1
CONDUIT	(2")	2"	3"	3"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"

*ALL WIRING AND CABLING ASSEMBLIES SHALL BE OUTSIDE RATED

KEY MAP:

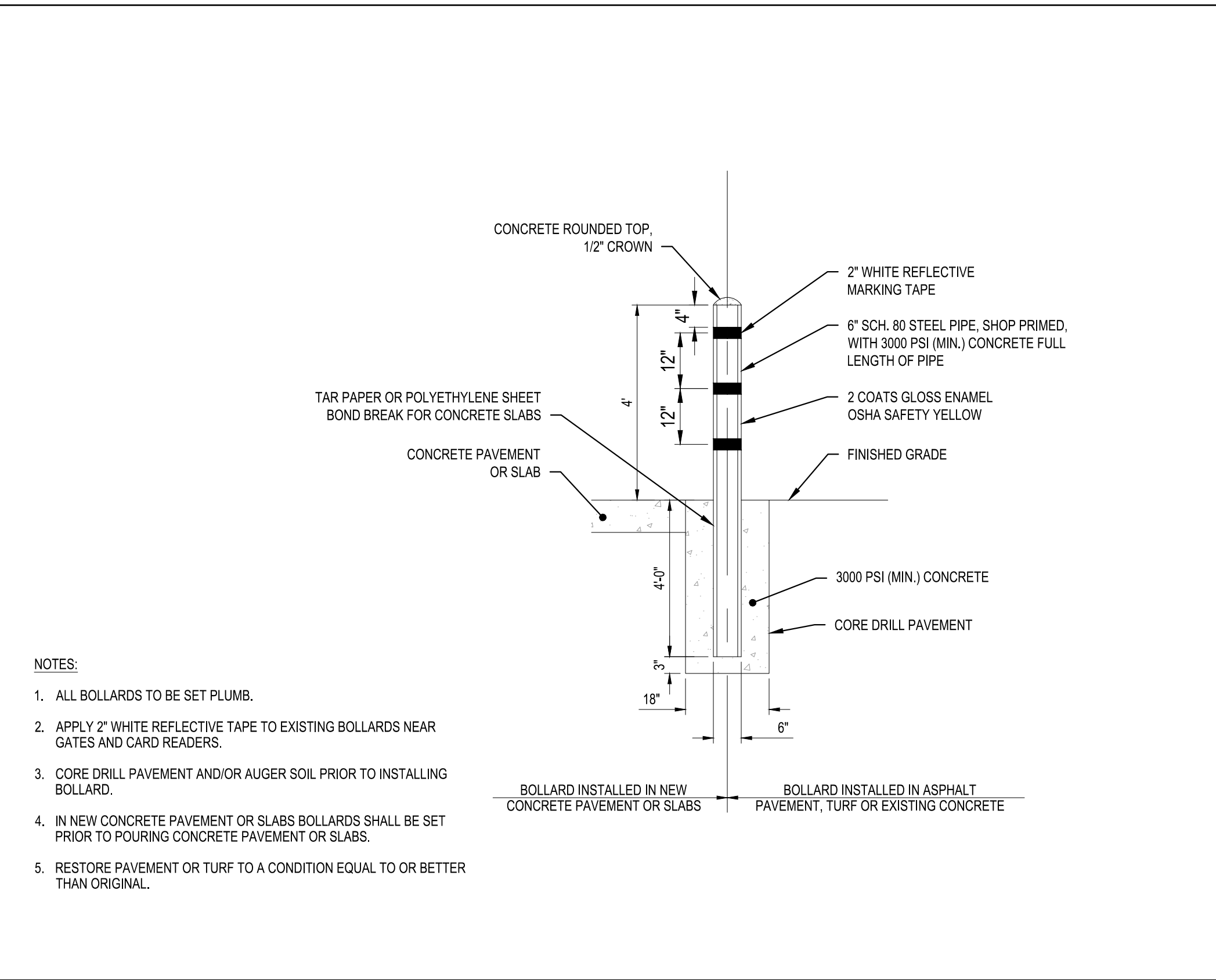


SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

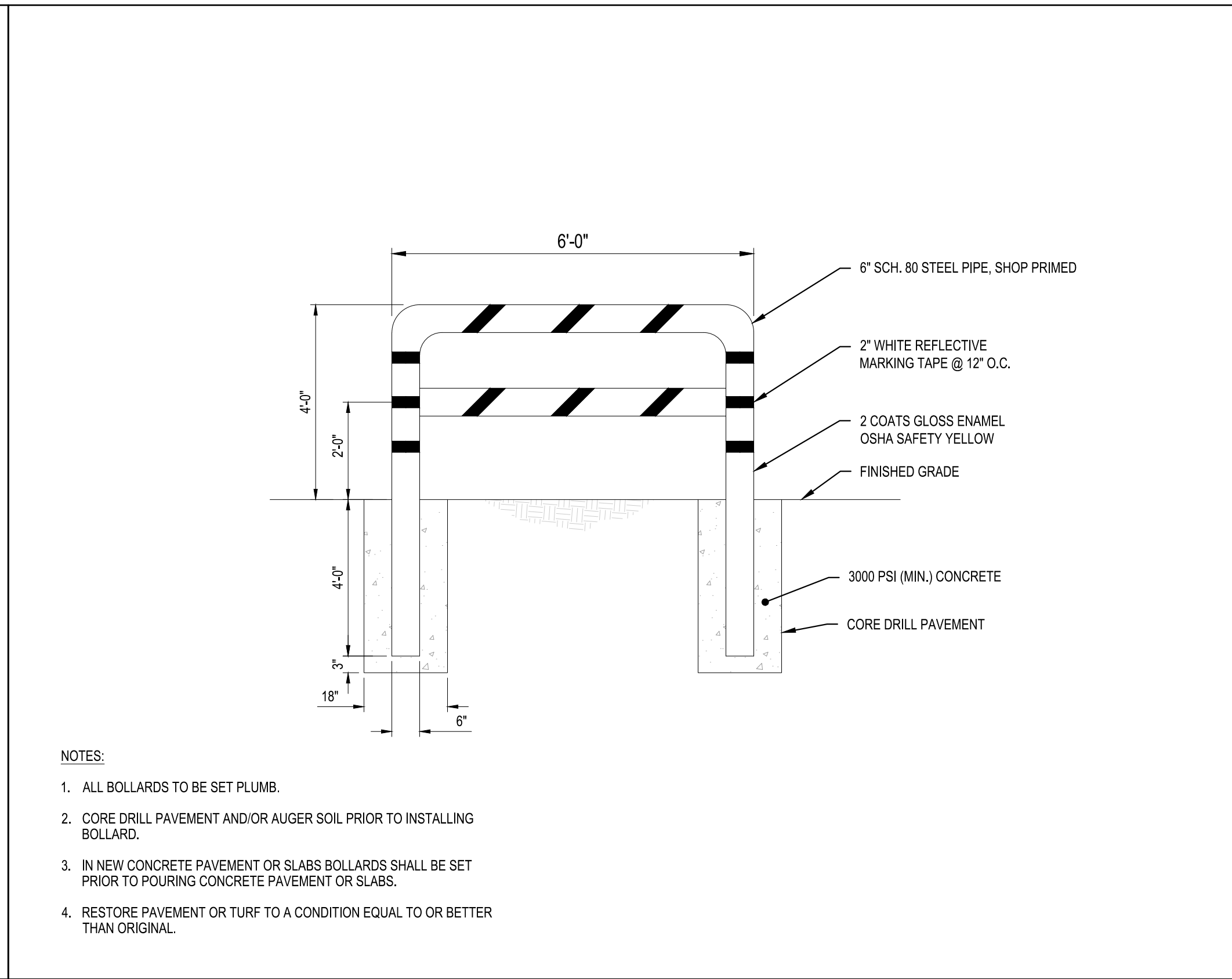
DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES
ELECTRICAL AND COMMUNICATIONS PLAN - PALM STREET

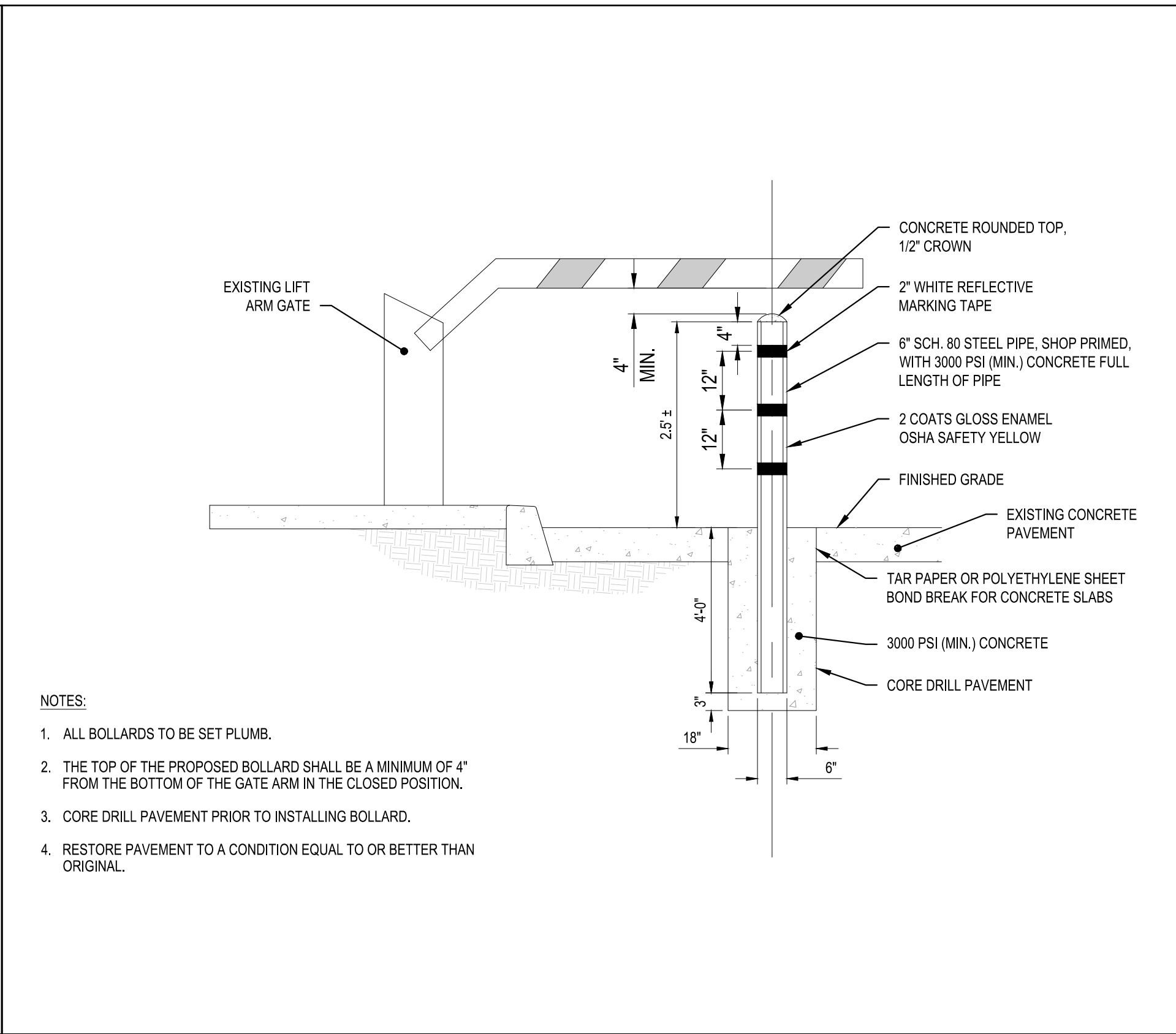
* DATUM *
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE 05-11-2018
SHEET 14 OF 20
DRAWING NO. 4228
REV.



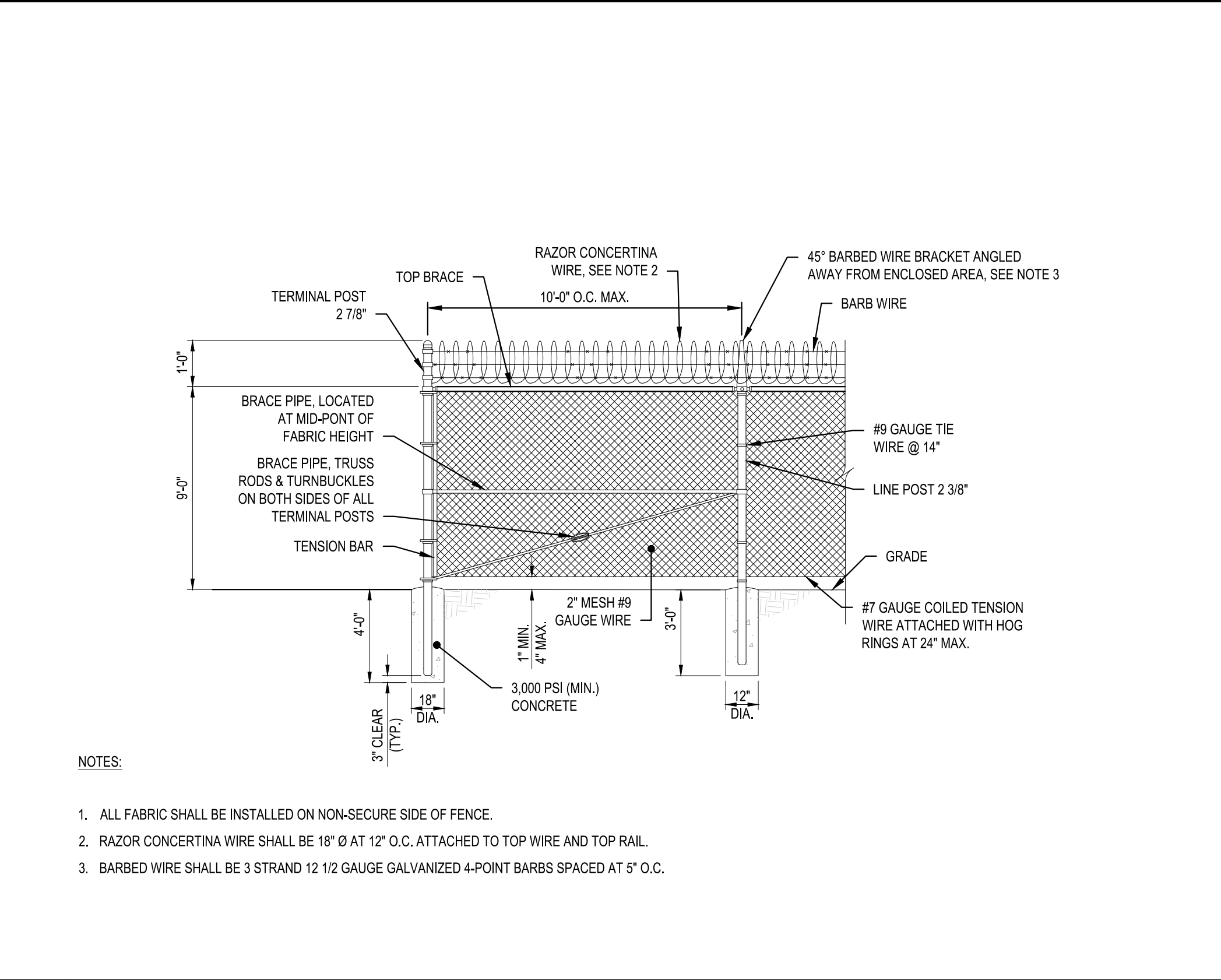
4 TYPE 'A' BOLLARD DETAIL
SCALE: NOT TO SCALE



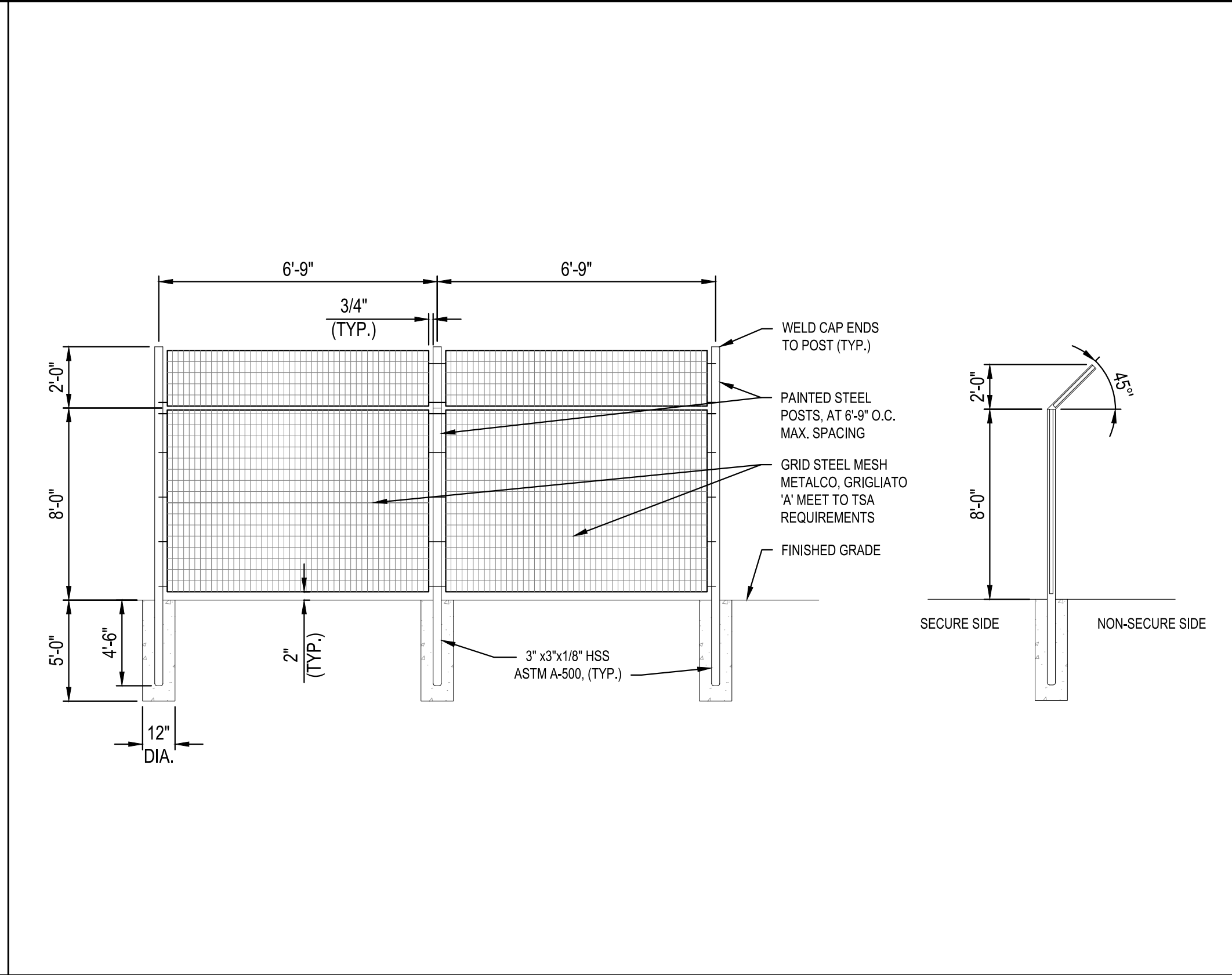
5 TYPE 'B' BOLLARD DETAIL
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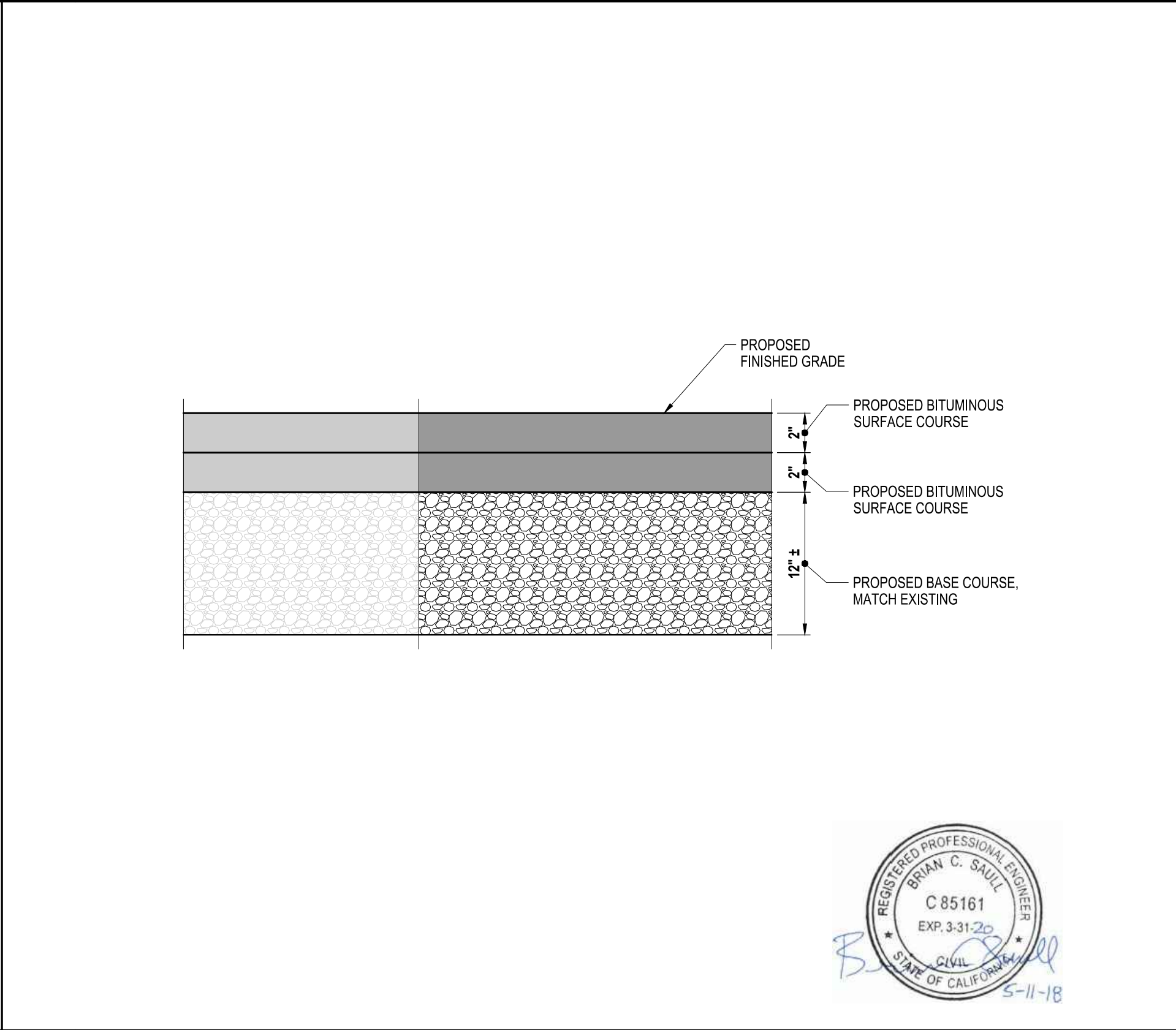
6 TYPE 'A' BOLLARD AT GATE ARM DETAIL
SCALE: NOT TO SCALE



1 CHAIN LINK SECURITY FENCING DETAIL
SCALE: NOT TO SCALE




2 DECORATIVE FENCING DETAIL
SCALE: NOT TO SCALE



3 ASPHALT PAVEMENT DETAIL
SCALE: NOT TO SCALE

REVISIONS	DATE	APPROVED



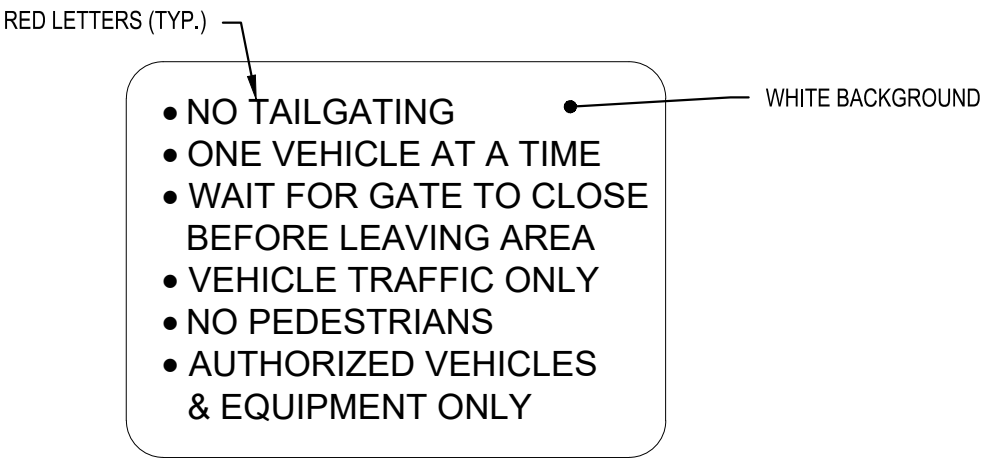
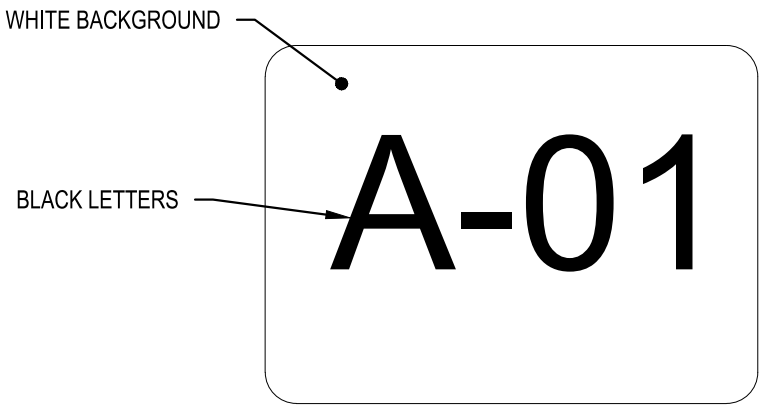
SAN DIEGO INTERNATIONAL AIRPORT

SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES
SITE DETAILS 2

DATUM
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE 05-11-2018
SHEET 16 OF 20
DRAWING NO. 4228
REV.



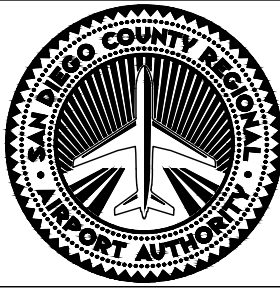
- NOTES:
- SIGN PANELS SHALL BE FLAT SHEET ALUMINUM. THE ALUMINUM SIGN PANELS 0.040" THICK.
 - SIGNS SHALL BE INSTALLED ON THE NON-SECURE SIDE OF SPEED GATES WITH ALUMINUM OR RUSTPROOF STEEL FENCE MOUNTING BRACKETS AND GALVANIZED NUTS AND BOLTS.
 - SIGN LOCATION ON SPEED GATE SHALL BE COORDINATED WITH AUTHORITY REPRESENTATIVE .
 - ALL SIGNS SHALL CONFORM IN SIZE, APPEARANCE AND REFLECTORIZATION TO THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - NO MEASUREMENT FOR PAYMENT OF SIGNS SHALL BE MADE. COST OF PROVIDING AND INSTALL SHALL BE CONSIDERED INCIDENTAL TO GATE INSTALLATION



1 WARNING AND SECURITY SIGNS DETAIL

SCALE: NOT TO SCALE

REVISIONS	DATE	APPROVED	



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

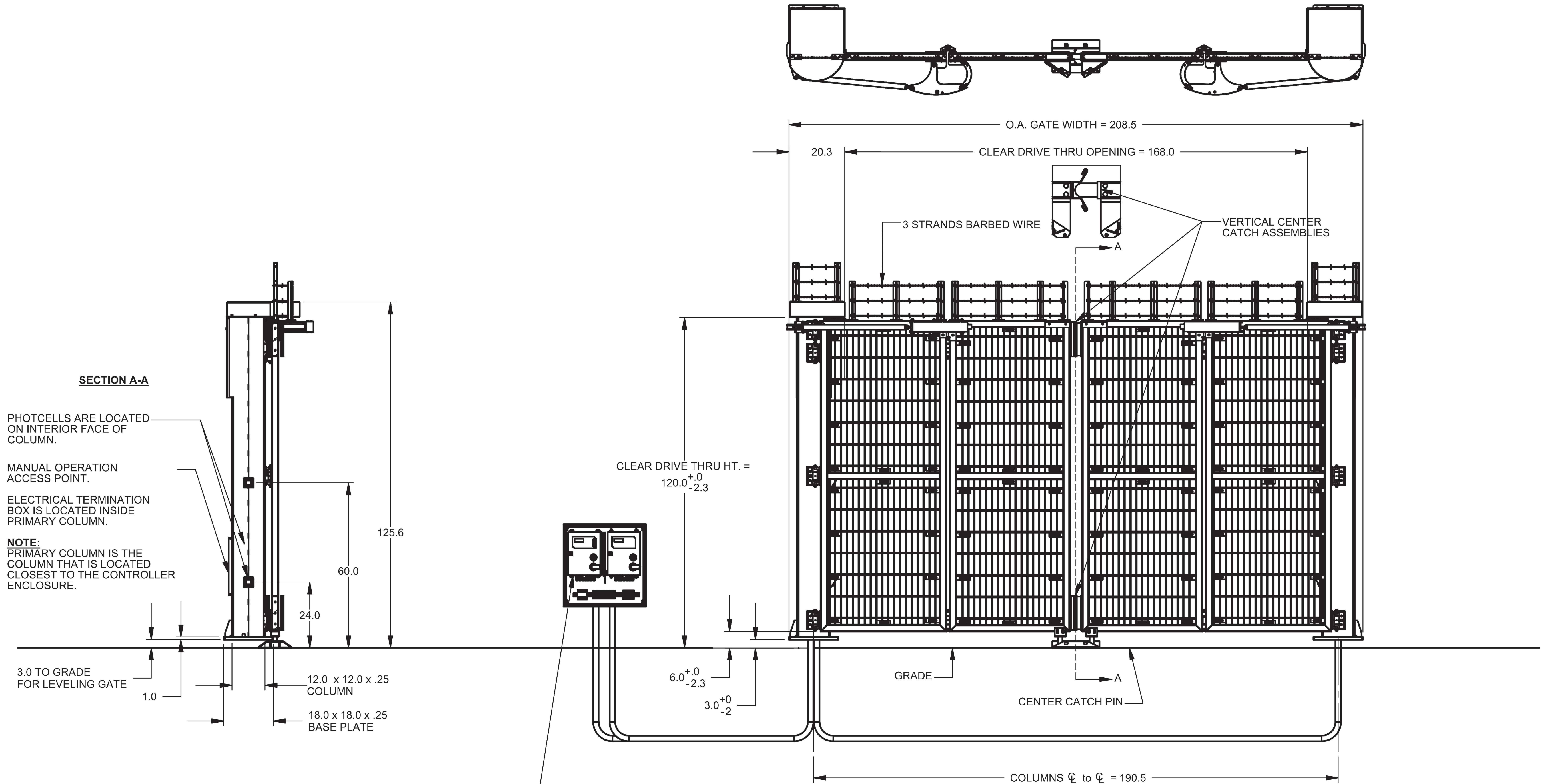
DRAWN:	C J G
DESIGNED:	S T B
REVIEWED:	B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES

SITE DETAILS 3

* DATUM *		
HORIZONTAL DATUM: NAD 83, EPOCH 2010 NORTH AMERICAN VERTICAL DATUM 1988		
DATE	05-11-2018	
SHEET	17	OF 20
DRAWING NO.	4228	REV.

FOR REFERENCE ONLY



2 GATE OPERATORS ARE MOUNTED IN A 30.0 x 30.0 x 12.0 NEMA 3R OPERATOR ENCLOSURE c/w WIRING HARNESS. STANDARD WIRING HARNESS LENGTH ALLOWS FOR CONTROLLER ENCLOSURE TO BE PLACED UP TO 30 FT. FROM THE GATE. OPTIONAL EXTENDED WIRING HARNESS MAY BE AVAILABLE UPON REQUEST, MAXIMUM WIRING HARNESS LENGTH IS DEPENDANT ON GATE HEIGHT AND WIDTH. GATE OPERATORS, OPERATOR ENCLOSURE AND WIRING HARNESS BY WALLACE INTERNATIONAL CONDUIT - BY OTHERS. SEE SHEET 2 FOR CONDUIT SIZES, QUANTITIES AND REQUIREMENTS.

POWER REQUIREMENTS - 208 / 240V SINGLE PHASE - 20 AMP

NOTE: CONTROLLER LOCATION SHOWN FOR ILLUSTRATION PURPOSES ONLY, FINAL LOCATION OF CONTROLLERS TO BE CONFIRMED AT TIME OF ORDER.

Drawing Approval

Approved By:

Approval Date:

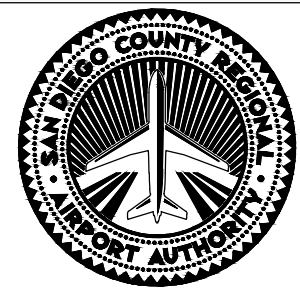
Signature:



115 Lawson Crescent
Winnipeg, Manitoba, Canada, R3P 1a6
Phone: 1-866-300-1110
Fax: 1-204-284-1868
Web: www.wallaceintl.com

Description: PDXT 14' x 10'+1" SAN DIEGO AIRPORT, P18 EXIT		
Customer / Project Name: SAN DIEGO AIPORT		
Finish: HOT DIPPED GALVANIZED	Date: 3/15/2018	
Drawing No. SDA-03-15-18	Rev.	Sheet: 1 of 3

REVISIONS	DATE	APPROVED	



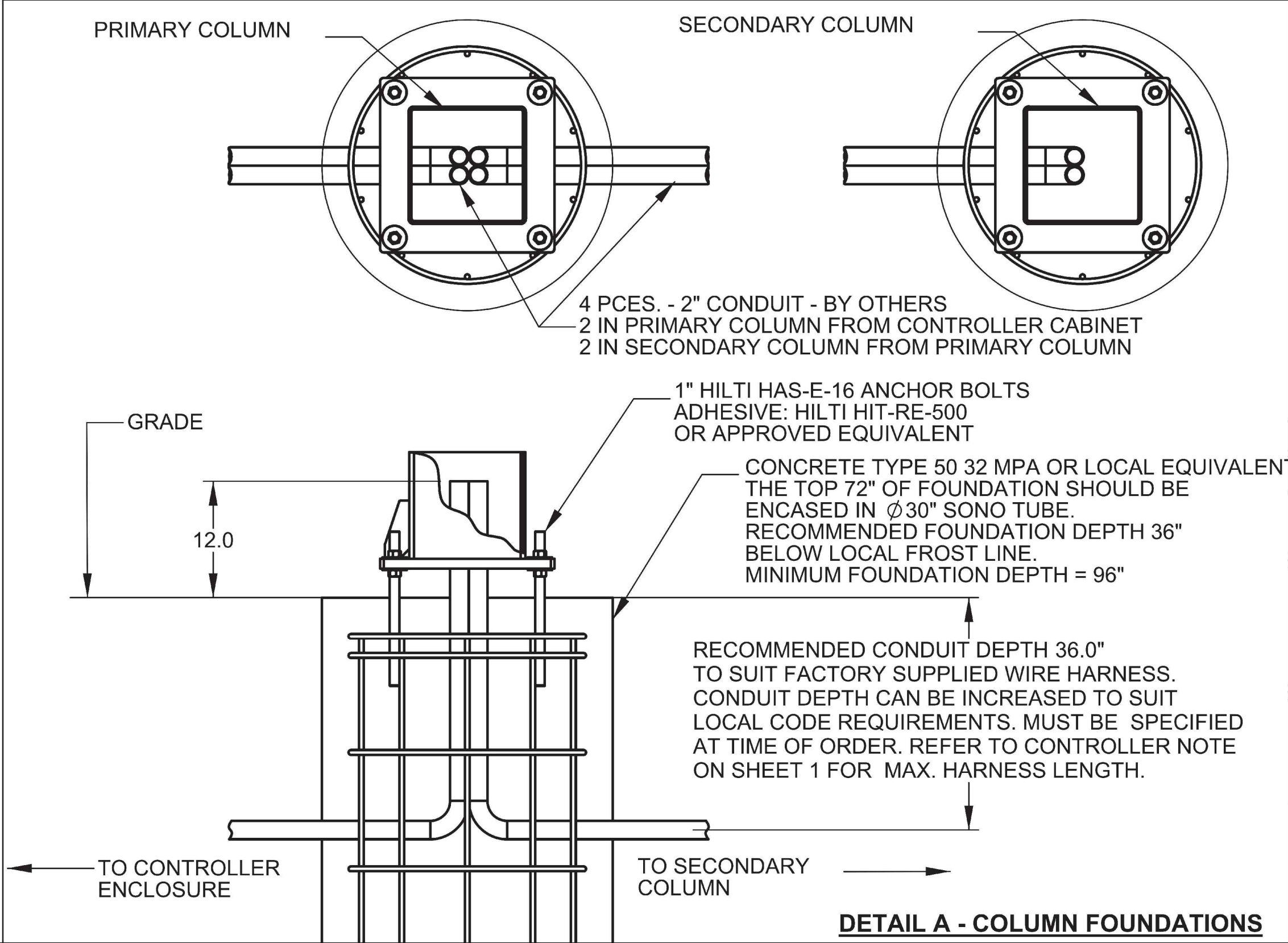
SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

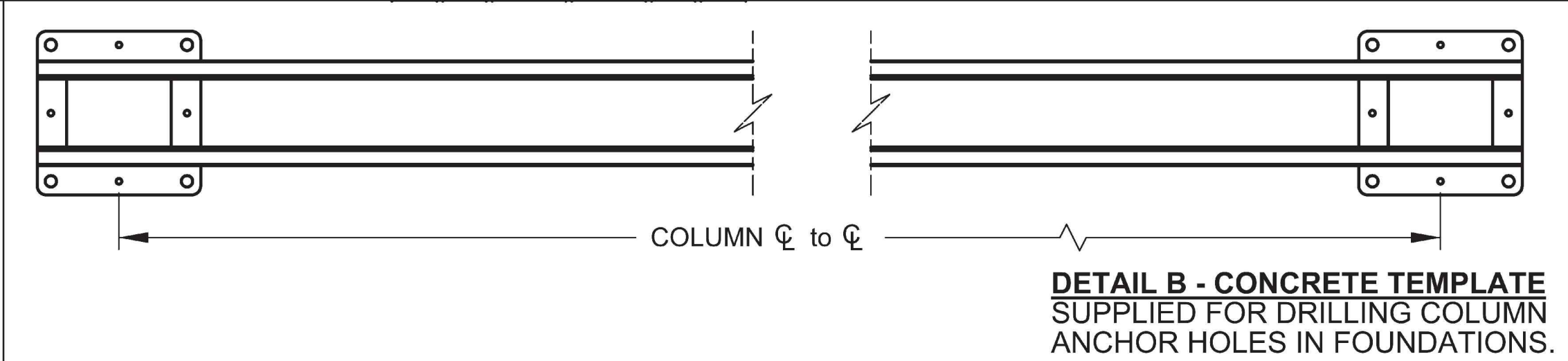
SAN DIEGO INTERNATIONAL AIRPORT		
ADMIRAL BOLAND WAY		
ENTRY / EXIT GATES		
GATE MANUFACTURER DETAILS		

* DATUM *		
HORIZONTAL DATUM: NAD 83, EPOCH 2010		
NORTH AMERICAN VERTICAL DATUM 1988		
DATE	05-11-2018	
SHEET	18	OF 20
DRAWING NO.	4228	
REV.		

FOR REFERENCE ONLY



DETAIL A - COLUMN FOUNDATIONS



INSTALLATION PROCEDURE

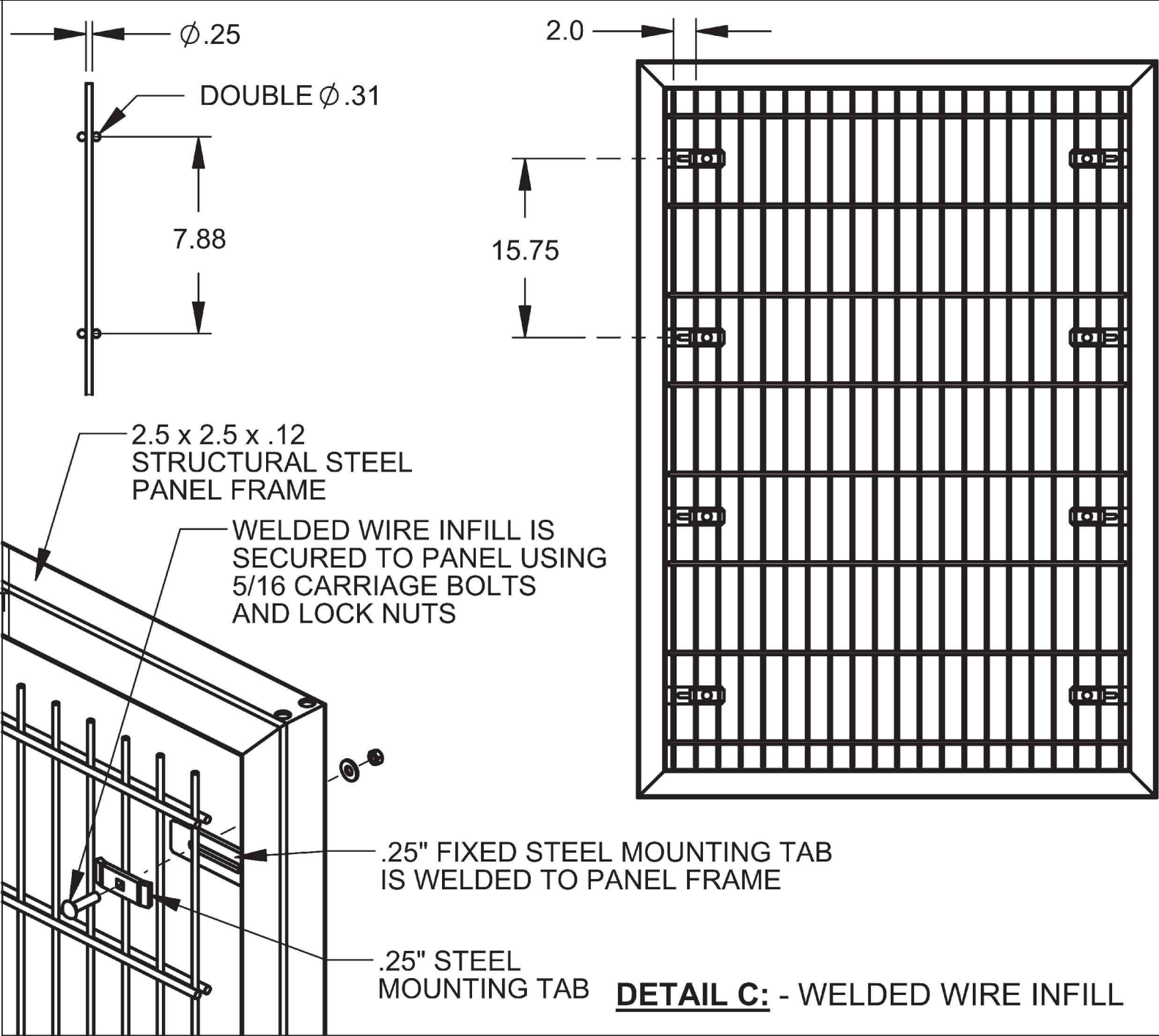
1. INSTALL 8 - 1" HILTI HAS-E-16 ANCHOR BOLTS IN SPEEDGATE FOOTINGS. DRILLING TEMPLATE IS PROVIDED FOR ANCHOR BOLT INSTALLATION. REFER TO DETAIL A FOR FOOTING / ANCHOR BOLT INFORMATION.
2. SET LH & RH COLUMNS ON ANCHOR BOLTS AND SECURE USING SUPPLIED HARDWARE. COLUMNS MUST BE VERTICAL AND PLUMB AFTER INSTALLATION.
3. TERMINATE WIRING IN ELECTRICAL TERMINATION BOX LOCATED INSIDE OF GATE COLUMNS REFER TO DETAIL E+ FOR TERMINATION BOX LOCATION.

INCLUDED WITH SPEEDGATE:

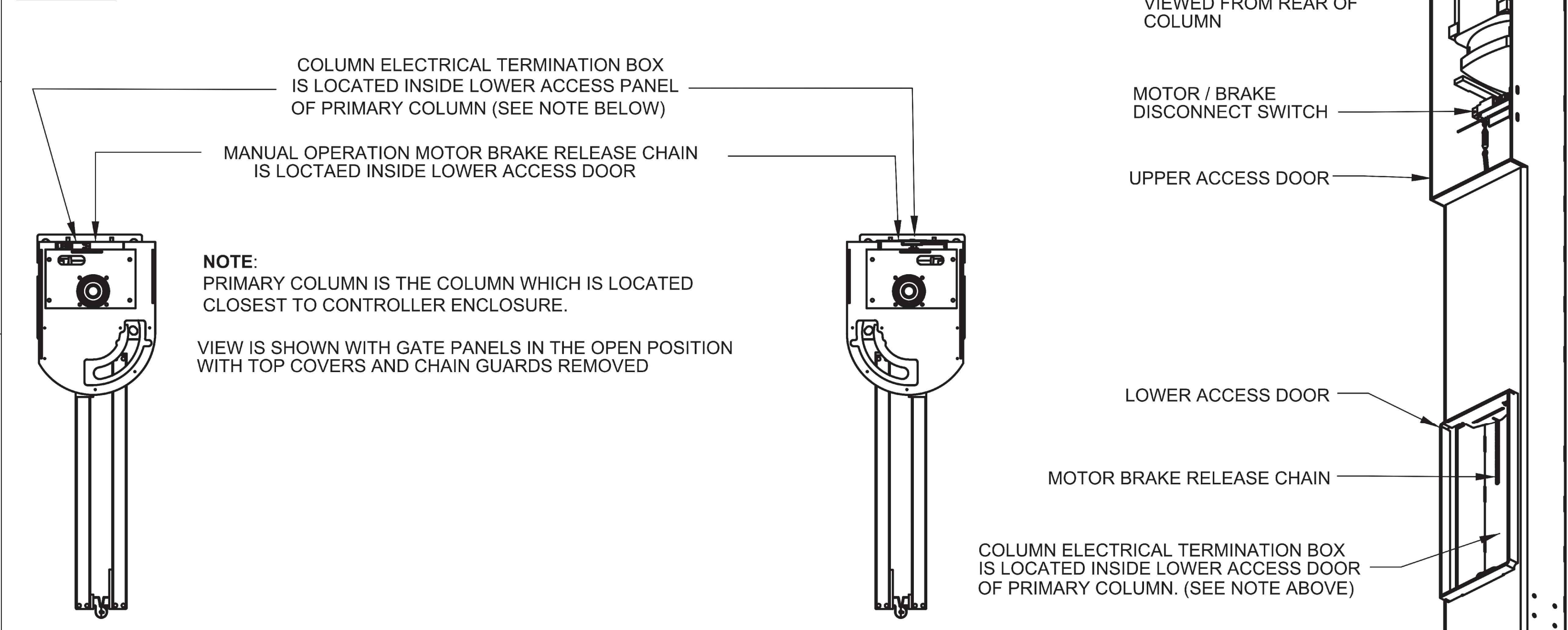
- 2 - ELECTRONIC GATE CONTROLLERS MOUNTED IN A 30.0" x 30.0" x 12.0" NEMA 3R ENCLOSURE.
- ELECTRICAL HARNESS TO CONNECT GATE CONTROLLER TO DRIVE COMPONENTS. STANDARD HARNESS LENGTH ALLOWS FOR CONTROL ENCLOSURE TO BE LOCATED 30 FT FROM PRIMARY COLUMN. OPTIONAL EXTENDED HARNESS IS AVAILABLE SEE CONTROLLER NOTE ON SHEET 1.
- KEY AND LOCK FOR ALL ACCESS PANELS
- ALL GATE MOUNTING HARDWARE

NOT INCLUDED WITH SPEEDGATE:

- VEHICLE DETECTION LOOPS
- GROUT TO FILL GAP UNDER COLUMN BASE PLATES AFTER LEVELING IS COMPLETE.



DETAIL E: - MOTOR BRAKE DISCONNECT / COLUMN ELECTRICAL TERMINATION BOX DETAIL

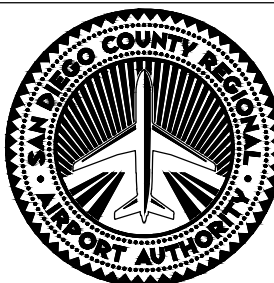


DETAIL D: - STANDARD T-HANDLE ACCESS POINT LOCKS

Description:			
PDXT 14' x 10'+1"			
SAN DIEGO AIRPORT, P18 EXIT			
Customer / Project Name: SAN DIEGO AIPORT			
Finish: HOT DIPPED GALVANIZED		Date: 3/15/2018	
Drawing No. SDA-03-15-18		Rev.	Sheet: 2 of 3



115 Lowson Crescent
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Web: www.wallaceintl.com



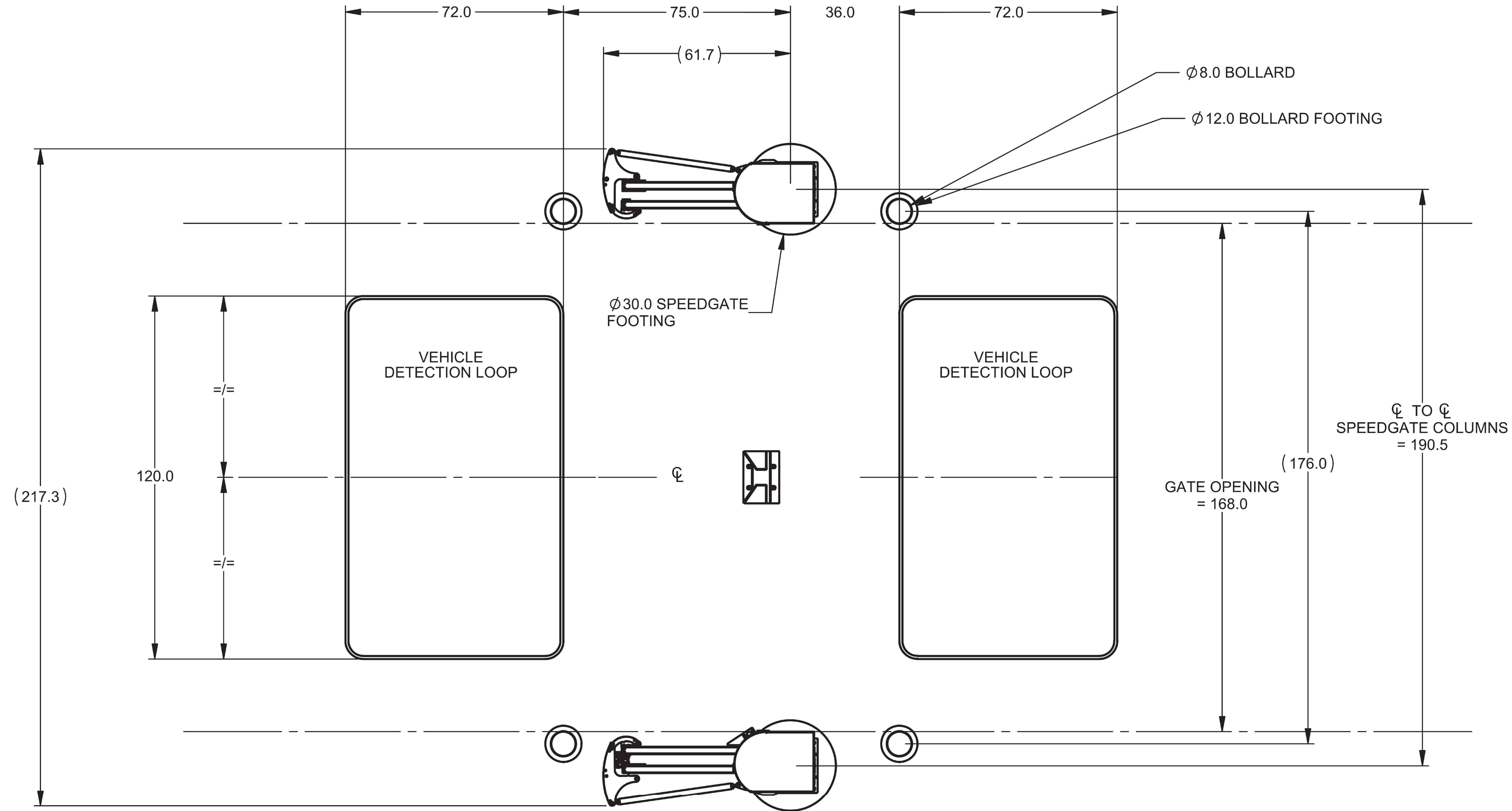
SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN:
C J G
DESIGNED:
S T B
REVIEWED:
B C S

SAN DIEGO INTERNATIONAL AIRPORT
ADMIRAL BOLAND WAY
ENTRY / EXIT GATES
GATE MANUFACTURER DETAILS

* DATUM *
HORIZONTAL DATUM: NAD 83, EPOCH 2010
NORTH AMERICAN VERTICAL DATUM 1988
DATE 05-11-2018
SHEET 19 OF 20
DRAWING NO. 4228
REV.

FOR REFERENCE ONLY



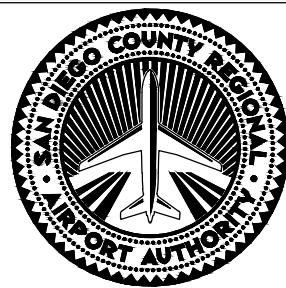
NOTE: BOLLARD FOUNDATION LOCATIONS ARE PROVIDED AS REFERENCE ONLY.
ALL FINAL MATERIALS AND LOCATIONS ARE SUPPLIED AND INSTALLED BY OTHERS



115 Lowson Crescent
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Web: www.wallaceintl.com

Description: PDXT POST DRIVE TRACKLESS SPEEDGATE 14 x 10 +1		
Customer / Project Name: SAN DIEGO AIRPORT		
Finish: HOT DIPPED GALVANIZED	Date: 3/15/2018	
Drawing No. SDA-03-15-18	Rev.	Sheet: 3 of 3

REVISIONS	DATE	APPROVED



SAN DIEGO INTERNATIONAL AIRPORT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

DRAWN: C J G
DESIGNED: S T B
REVIEWED: B C S

SAN DIEGO INTERNATIONAL AIRPORT		
ADMIRAL BOLAND WAY ENTRY / EXIT GATES		
GATE MANUFACTURER DETAILS		

* DATUM *		
HORIZONTAL DATUM: NAD 83, EPOCH 2010 NORTH AMERICAN VERTICAL DATUM 1988		
DATE	05-11-2018	
SHEET	20	OF 20
DRAWING NO.	4228	
REV.		