

**CONTRACT DRAWINGS
FOR THE CONSTRUCTION OF**

**RUNWAY PAVEMENT PRESERVATION
AND REHABILITATION**

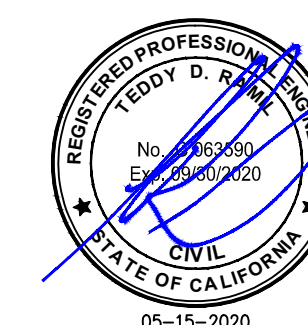
SAN CARLOS AIRPORT

**SAN MATEO COUNTY
STATE OF CALIFORNIA**

FAA AIP PROJECT # 3-06-0210-019-2017 (D)

C&S PROJECT # I16.002.011

MAY 2020



TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THE
PLANS AND SPECIFICATIONS FOR THIS PROJECT ARE IN
COMPLIANCE WITH THE BUILDING CODE OF THE STATE OF CALIFORNIA

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED
UNDER THE APPROVED REVISION PROCESS



LOCATION MAP
NOT TO SCALE



G-001

	<p>EXISTING RUNWAY/TAXIWAY CENTERLINE</p> <p>EXISTING AIRPORT PROPERTY LINE</p> <p>EXISTING DECIDUOUS TREE</p> <p>EXISTING CONTOUR LINE</p> <p>EXISTING FENCE LINE</p> <p>EXISTING SINGLE SWING GATE</p> <p>EXISTING DOUBLE SWING GATE</p> <p>EXISTING CANTILEVER GATE</p> <p>EXISTING DRAINAGE LINE</p> <p>EXISTING UNDERDRAIN CLEANOUT</p> <p>EXISTING CATCH BASIN</p> <p>EXISTING DRAINAGE MANHOLE</p> <p>EXISTING HEADWALL</p> <p>EXISTING PIPE END SECTION</p> <p>EXISTING WATER LINE</p> <p>EXISTING HYDRANT</p> <p>EXISTING WATER VALVE</p> <p>EXISTING SANITARY MANHOLE</p> <p>EXISTING UNDERGROUND TELEPHONE LINE</p> <p>EXISTING OVERHEAD TELEPHONE LINE</p> <p>EXISTING UNDERGROUND ELECTRIC LINE</p> <p>EXISTING OVERHEAD ELECTRIC LINE</p> <p>EXISTING LIGHT POLE</p> <p>EXISTING UTILITY POLE</p> <p>EXISTING BOLLARD OR POST</p> <p>EXISTING TIE-DOWN</p> <p>EXISTING SINGLE POST TRAFFIC SIGN</p> <p>EXISTING DOUBLE POST TRAFFIC SIGN</p> <p>EXISTING MONITORING WELL</p> <p>EXISTING HOLDING POSITION LIGHT</p> <p>EXISTING SURFACE SENSOR</p> <p>EXISTING RETROREFLECTIVE MARKER</p> <p>EXISTING RUNWAY OR TAXIWAY EDGE LIGHT</p> <p>EXISTING AIRFIELD GUIDANCE SIGN</p> <p>EXISTING REIL UNIT</p> <p>SURVEY CONTROL</p>		<p>EXISTING ELECTRICAL DISCONNECT</p> <p>EXISTING TRANSFORMER</p> <p>EXISTING WIND CONE</p> <p>EXISTING LIGHTED WIND CONE</p> <p>EXISTING ELECTRICAL MANHOLE</p> <p>EXISTING PULLBOX</p> <p>EXISTING JUNCTION CAN</p> <p>EXISTING AIRFIELD LIGHTING CABLE IN TRENCH</p> <p>EXISTING AIRFIELD LIGHTING CABLE IN CONDUIT</p> <p>EXISTING DUCT BANK</p> <p>EXISTING SURVEY CONTROL POINT</p> <p>EXISTING BENCHMARK LOCATION</p> <p>EXISTING FENCE LINE TO BE REMOVED</p> <p>PROPOSED CONSTRUCTION BARRIER</p> <p>PROPOSED AC PAVEMENT SURFACE TREATMENT</p> <p>PROPOSED SEAL COAT</p>
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1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 70-08, APPENDIX A - CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) OF THE GENERAL PROVISIONS.
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. IN THE EVENT OF DAMAGE TO EXISTING UTILITIES OR CABLES, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY.
5. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO UTILITIES OR CABLES, AS DIRECTED BY THE ENGINEER, IMMEDIATELY AND AT THE CONTRACTOR'S EXPENSE.
6. ALL AREAS DISTURBED AS A RESULT OF THE CONTRACTOR'S STAGING AND CONSTRUCTION OPERATIONS SHALL BE RESTORED EQUAL TO OR BETTER THAN ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
7. ALL DIRT, DUST, STONES AND LOOSE DEBRIS SHALL BE CONTINUOUSLY REMOVED FROM ALL PAVED SURFACES DURING THIS CONTRACT.
8. THE CONTRACTOR SHALL RECONSTRUCT AND MAINTAIN EXISTING ACCESS ROADS AS REQUIRED FOR ACCESS TO THE WORK AREAS.
9. ALL OF THE CONTRACTOR'S OPERATIONS SHALL REMAIN ON AIRPORT PROPERTY AT ALL TIMES. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED ON ADJACENT PROPERTY.
10. THIS CONTRACT DOES NOT ALLOW FOR PRICE INCREASES DUE TO ESCALATION IN COST OF UNIT BID ITEMS. THE CONTRACTOR SHALL TAKE THIS INTO CONSIDERATION WHEN PREPARING UNIT PRICES FOR BID.
11. THE TOPOGRAPHIC FEATURES SHOWN HEREON WERE COMPILED FROM FIELD SURVEY PERFORMED BY R.E.Y. ENGINEERS INC., DATED JANUARY 25, 2019.

B1 LEGEND
NOT TO SCALE

B3 GENERAL NOTES
SCALE: NOT TO SCALE

SHEET REFERENCE NO.	TITLE
G-001	TITLE SHEET
G-002	LEGEND, GENERAL NOTES, SHEET INDEX AND ABBREVIATIONS
G-100	GENERAL PLAN AND SURVEY CONTROL
GC-101 - GC-102	CONSTRUCTION SAFETY PHASING PLAN
CD-101 - CD-102	DEMOLITION PLAN
CG-101 - CG-102	GEOMETRY PLAN
CP-101 - CP-102	PAVING PLAN
CP-501	PAVING DETAILS
CM-101 - CM-102	MARKING PLAN
CM-501	MARKING DETAILS

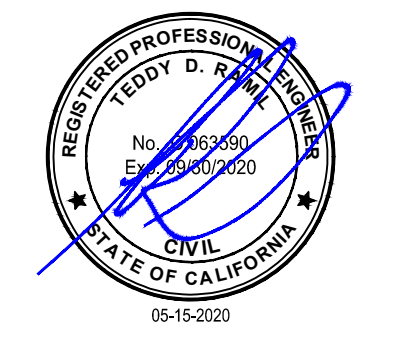
<p>ABAN. - ABANDONED A.C. - ASPHALT CONCRETE APPROX. - APPROXIMATE ASPH. - ASPHALT BC - BEGIN CURVE BLDG. - BUILDING BM - BENCH MARK CIP - CAST IRON PIPE CO - CLEANOUT CONC. - CONCRETE CMP - CORRUGATED METAL PIPE CMPA - CORRUGATED ARCHED METAL PIPE CMU - CONCRETE MASONRY UNIT CSP - CORRUGATED STEEL PIPE DCDA - DOUBLE CHECK DETECTOR ASSEMBLY DIA. - DIAMETER EAPL - EXISTING AIRPORT PROPERTY LINE EC - END OF CURVE ELEV. - ELEVATION EOP - EDGE OF PAVEMENT EX - EXISTING FF - FINISH FLOOR FL - FLOW LINE FG - FINISH GRADE FND. - FOUNDATION</p>	<p>FS - FINISH SURFACE GA - GENERAL AVIATION GB - GRADE BREAK HP - HIGH POINT IE - INVERT ELEVATION INT - INTERSECTION LT - LEFT LP - LOW POINT MAX. - MAXIMUM MIN. - MINIMUM MISC. - MISCELLANEOUS MUTCD - MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES NA - NOT APPLICABLE OFA - OBJECT FREE AREA O.C. - ON CENTER PAV.T. - PAVEMENT PC - POINT OF CURVATURE PCC - PORTLAND CEMENT CONCRETE PI - POINT OF INTERSECTION PROP - PROPOSED PT - POINT OF TANGENCY PVI - POINT OF VERTICAL INTERSECTION PVC - POINT OF CURVATURE (VERTICAL CURVE)</p>	<p>PVC - POLYVINYL CHLORIDE PIPE PVT - POINT OF TANGENCY (VERTICAL CURVE) R - RADIUS RCP - REINFORCED CONCRETE PIPE ROFA - RUNWAY OBJECT FREE AREA RSA - RUNWAY SAFETY AREA ROW - RIGHT OF WAY RPZ - RUNWAY PROTECTION ZONE RT - RIGHT RW - RUNWAY SD - STORM DRAINAGE SHDR. - SHOULDER SICPP - SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE STA. - STATION TC - TOP OF CURB TD - TOP OF DIKE TF - TOP OF FOOTING TOFA - TAXIWAY OBJECT FREE AREA TSA - TAXIWAY SAFETY AREA TW - TOP OF WALL TYP. - TYPICAL UD - UNDERDRAIN</p>
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A1 SHEET INDEX
NOT TO SCALE

A4 ABBREVIATIONS
NOT TO SCALE



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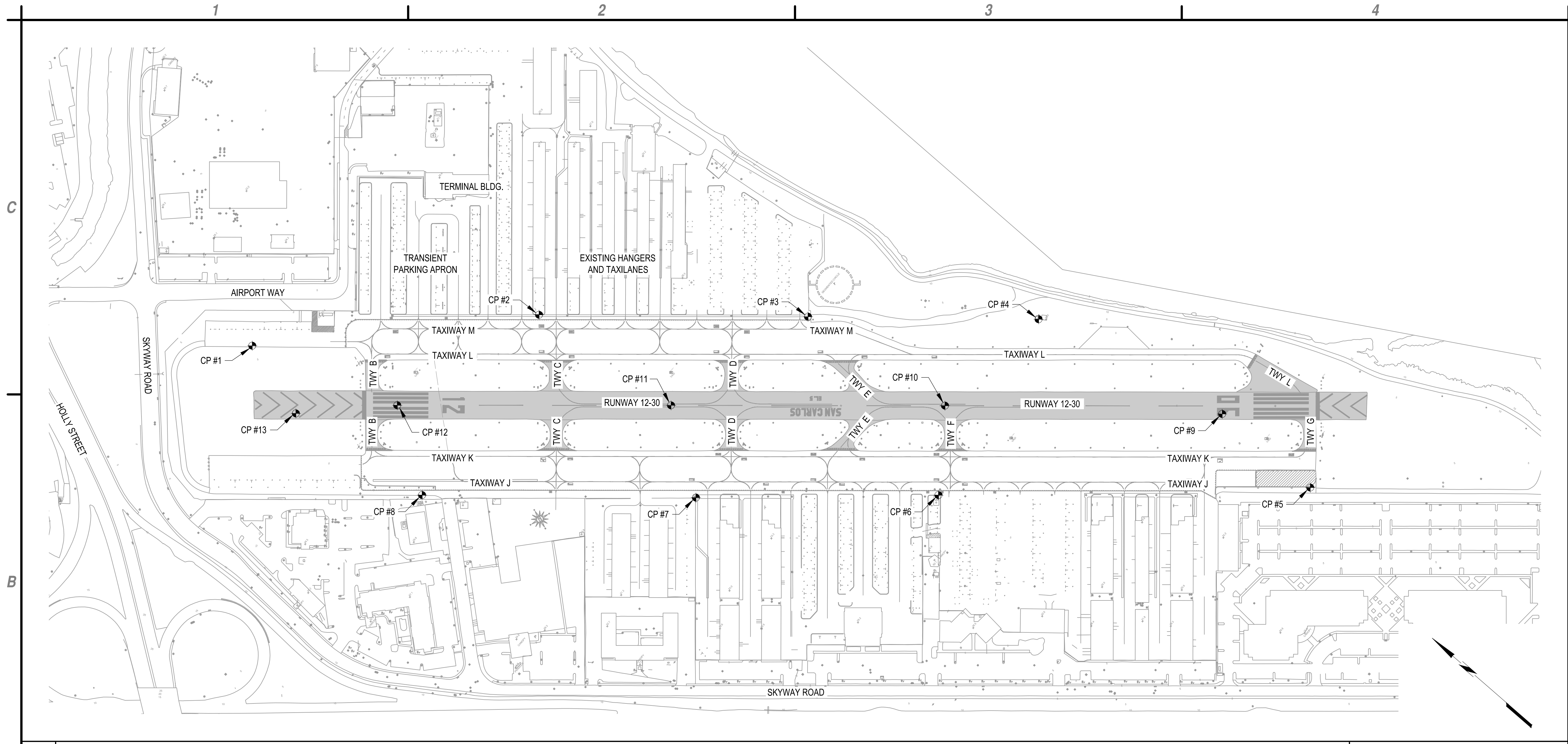
COUNTY OF SAN MATEO
SAN CARLOS AIRPORT
RUNWAY PAVEMENT PRESERVATION
AND REHABILITATION

May 12, 2020 - 2:23pm P:\Project\116 - San Mateo County\116.002.011 - SGI - Pavement Pres Design\Design\CAD\Sheet Files\116.002.011-2-LEGEND_G-002.dwg

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:		116.002.011
DATE:		MAY 2020
DRAWN BY:		DM
DESIGNED BY:		DM
CHECKED BY:		TDR

LEGEND,
GENERAL NOTES,
SHEET INDEX
AND
ABBREVIATIONS

G-002



B1 GENERAL PLAN
SCALE: 1" = 150'



CONTROL POINTS / SITE BENCHMARKS				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1	2014911.95	6053319.25	106.45'	REY 201 MAG
CP #2	2014374.63	6053898.47	103.64'	REY 202 MAG
CP #3	2013815.33	6054377.89	103.25'	REY 203 MAG AT END V-GUTTER
CP #4	2013334.10	6054786.90	103.76'	REY 204 MAG AT SHACK
CP #5	2012470.30	6054927.21	103.56'	REY 205 MAG
CP #6	2013225.10	6054243.58	104.51'	REY 206 MAG
CP #7	2013722.08	6053802.57	102.96'	REY 207 MAG
CP #8	2014292.77	6053315.91	104.76'	REY 208 MAG
CP #9	2012784.51	6054921.00	105.09'	REY 500 MAG
CP #10	2013372.34	6054440.15	104.82'	REY 501 MAG
CP #11	2013939.10	6053948.56	105.14'	REY 502 MAG
CP #12	2014505.24	6053456.76	105.09'	REY 503 MAG
CP #13	2014700.30	6053257.69	104.79'	REY 504 MAG

A1 CONTROL POINTS/SITE BENCHMARKS TABLE
SCALE: NOT TO SCALE

1. THE TOPOGRAPHIC FEATURES SHOWN HEREON WERE COMPILED FROM FIELD SURVEY PERFORMED BY MUXLOW SURVEYING DATED JANUARY 25, 2019.
2. CONTRACTOR SHALL PROTECT ALL CONTROL POINTS, IF DISTURBED, THE CONTRACTOR SHALL REESTABLISH AT THEIR COST.

BASIS OF COORDINATES

COORDINATES SHOWN HEREON ARE IN TERMS OF NAD83 (2011), EPOCH 2010.0, CALIFORNIA STATE PLANE COORDINATE ZONE 3. BASED LOCALLY UPON TIES TO STATIONS "CARLPORT" AND "CARLPORT AZ MK" AS PUBLISHED BY NGS.

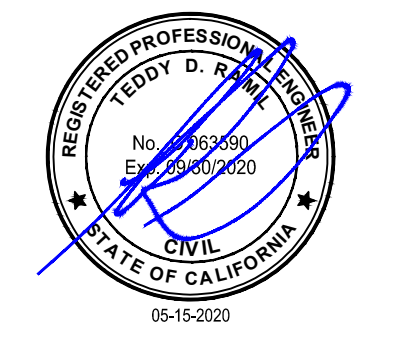
BASIS OF ELEVATIONS

ELEVATIONS SHOWN HEREON ARE IN TERMS OF NAVD88, BASED LOCALLY UPON REDWOOD CITY BENCHMARK #1, LOCATED AT THE INTERSECTION OF REDWOOD SHORES PARKWAY AND TWIN DOLPHIN DRIVE. PUBLISHED ELEVATION=6.55, PROJECT ELEVATION =106.55.

A2 NOTES
SCALE: NOT TO SCALE



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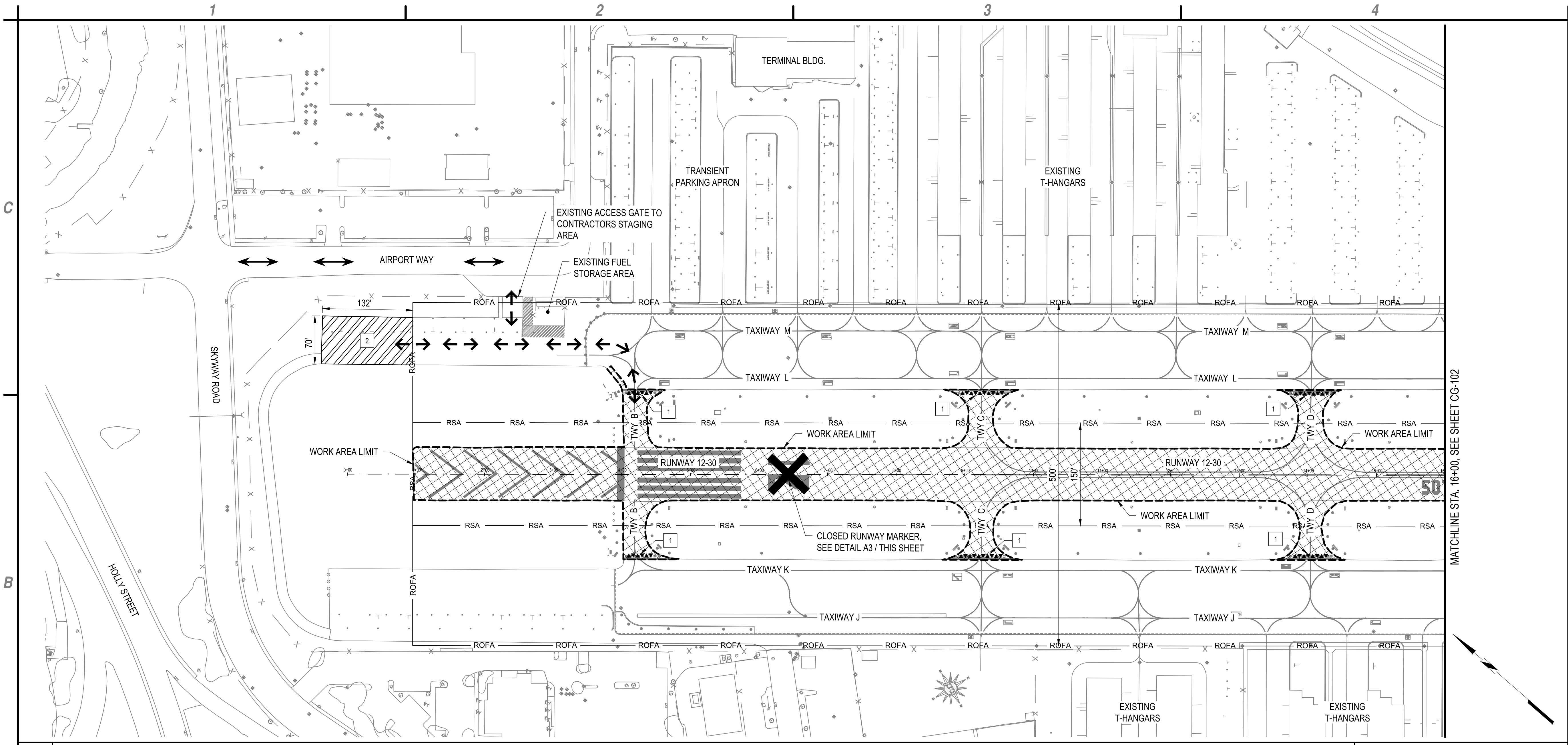
COUNTY OF SAN MATEO
SAN CARLOS AIRPORT
RUNWAY PAVEMENT PRESERVATION
AND REHABILITATION

May 13, 2020 - 1:42pm
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MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:		116.002.011
DATE:		MAY 2020
DRAWN BY:		DM
DESIGNED BY:		DM
CHECKED BY:		TDR

GENERAL PLAN
AND
SURVEY CONTROL

G-100



B1 CONSTRUCTION SAFETY PHASING PLAN
SCALE: 1" = 80'



	WORK AREA HAUL ROUTE
	WORK AREA LIMIT
	LOW PROFILE BARRICADES
	LIGHTED CLOSED RUNWAY MARKER
	WORK AREA
	CONTRACTOR STAGING AREA
	CONTRACTOR'S ACCESS ROUTE

A1 LEGEND
SCALE: NOT TO SCALE

1 BARRICADE LOCATION (TYP.), SEE DETAIL A3/GC-102.
2 CONTRACTORS STAGING AREA.

GENERAL NOTES:

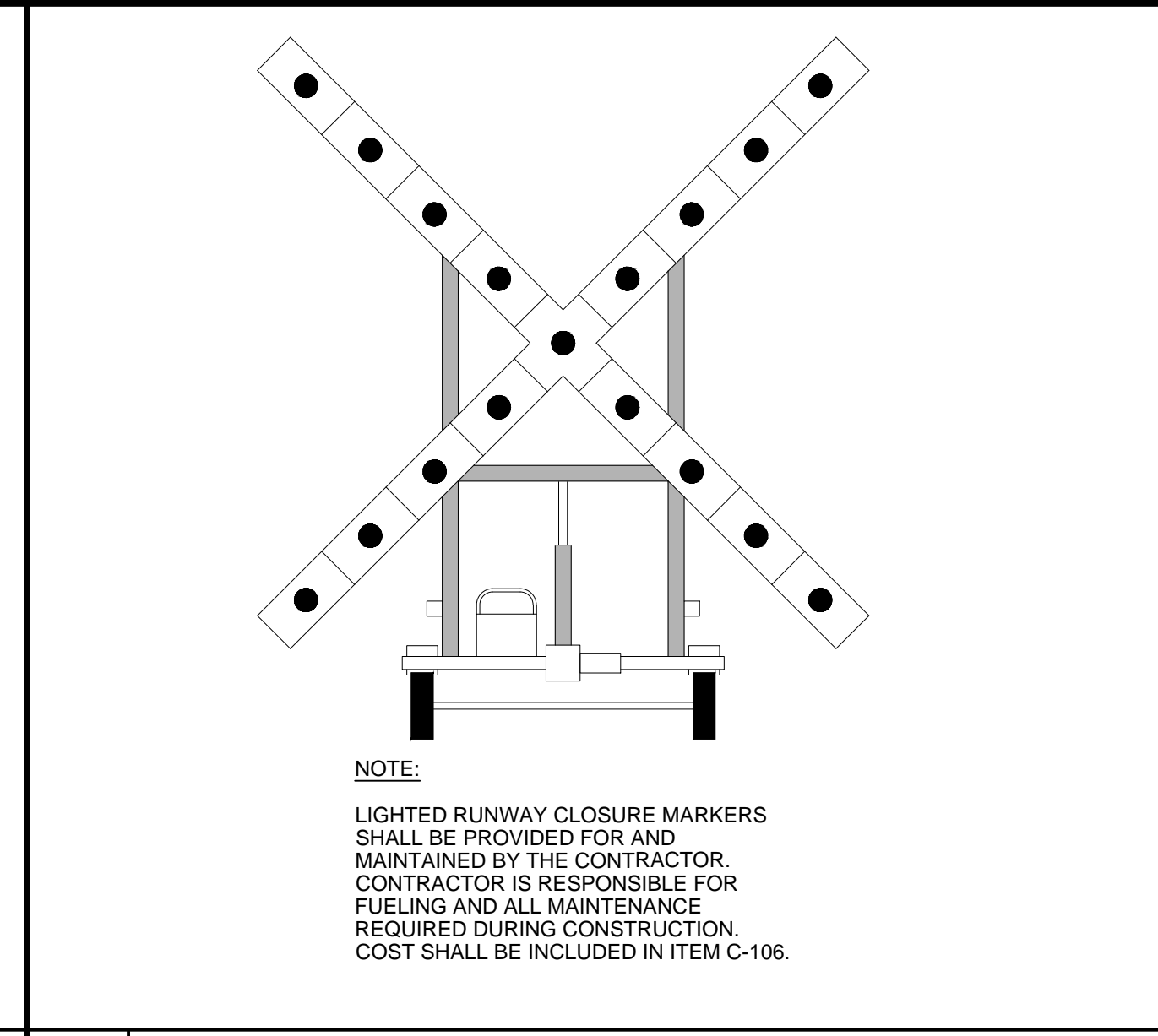
THE WORK AREA ENTRANCE WILL BE THE EXISTING ACCESS GATE ALONG AIRPORT WAY ON THE NORTH-EAST END OF THE AIRPORT PROPERTY, AND IT MUST BE MANNED BY A FLAG PERSON TO MAINTAIN THE SECURITY OF THE AIRPORT AT ALL TIMES THE GATE IS OPENED OR UNLOCKED.

THE STAGING AREA WILL BE LOCATED AT THE NORTH-EAST END OF THE AIRPORT PROPERTY.

THE RUNWAY AND ALL TAXIWAY CONNECTORS WILL BE CLOSED FOR ALL WORK IN THIS AREA. CONSTRUCTION OF THIS AREA SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS.

ANY DAMAGE TO EXISTING ROADS SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S EXPENSE

A2 KEYED NOTES
SCALE: NOT TO SCALE



A3 LIGHTED RUNWAY CLOSURE MARKER
SCALE: NOT TO SCALE

WORK AREA, PHASE 1:

THE WORK LIMITS ARE THE ENTIRE RUNWAY TO BEYOND THE HOLDING POSITION MARKINGS ON THE TAXIWAY CONNECTORS. PHASE 1 INCLUDES REMOVAL AND REPLACEMENT OF 7 FEET OF EXISTING PAVEMENT ALONG THE OUTER EDGE OF RUNWAY 12-30 AND CONNECTOR TAXIWAYS B, C, D AND E, IN THE AREAS DENOTED IN THE PLANS. THE PHASE WILL INCLUDE OBLITERATION OF A PORTION OF THE EXISTING MARKINGS, SURFACE PREPARATION, CRACK SEAL, ASPHALT EMULSION SEAL COAT, AND PLACEMENT OF INTERIM MARKINGS ON THE RUNWAY AND PERMANENT MARKINGS ON ALL TAXIWAY CONNECTORS. THE RUNWAY AND ALL TAXIWAY CONNECTORS WILL BE CLOSED FOR PHASE 1 WORK. CONSTRUCTION OF THIS PHASE SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS.

WORK AREA, PHASE 2:

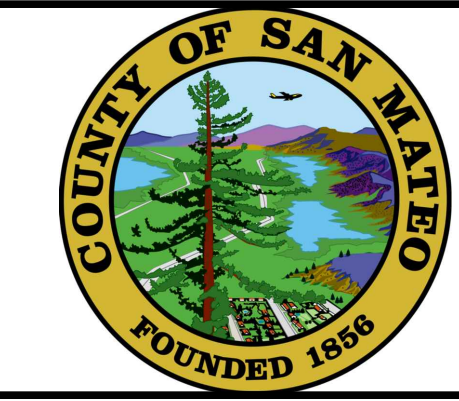
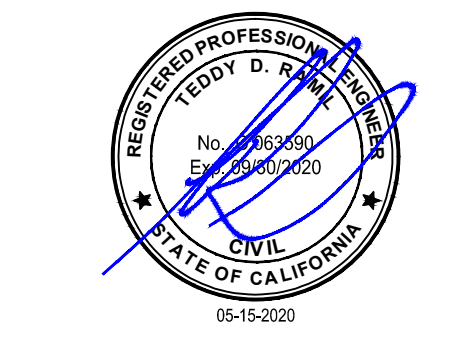
THE WORK LIMITS ARE THE ENTIRE RUNWAY. PHASE 2 INCLUDES PERMANENT MARKINGS ON THE RUNWAY. THE RUNWAY AND ALL TAXIWAY CONNECTORS WILL BE CLOSED FOR PHASE 2 WORK. CONSTRUCTION OF THIS PHASE SHALL BE COMPLETED WITHIN 2 CALENDAR DAYS.

A4 WORK AREA NOTES
SCALE: NOT TO SCALE

May 14, 2020 - 2:05pm
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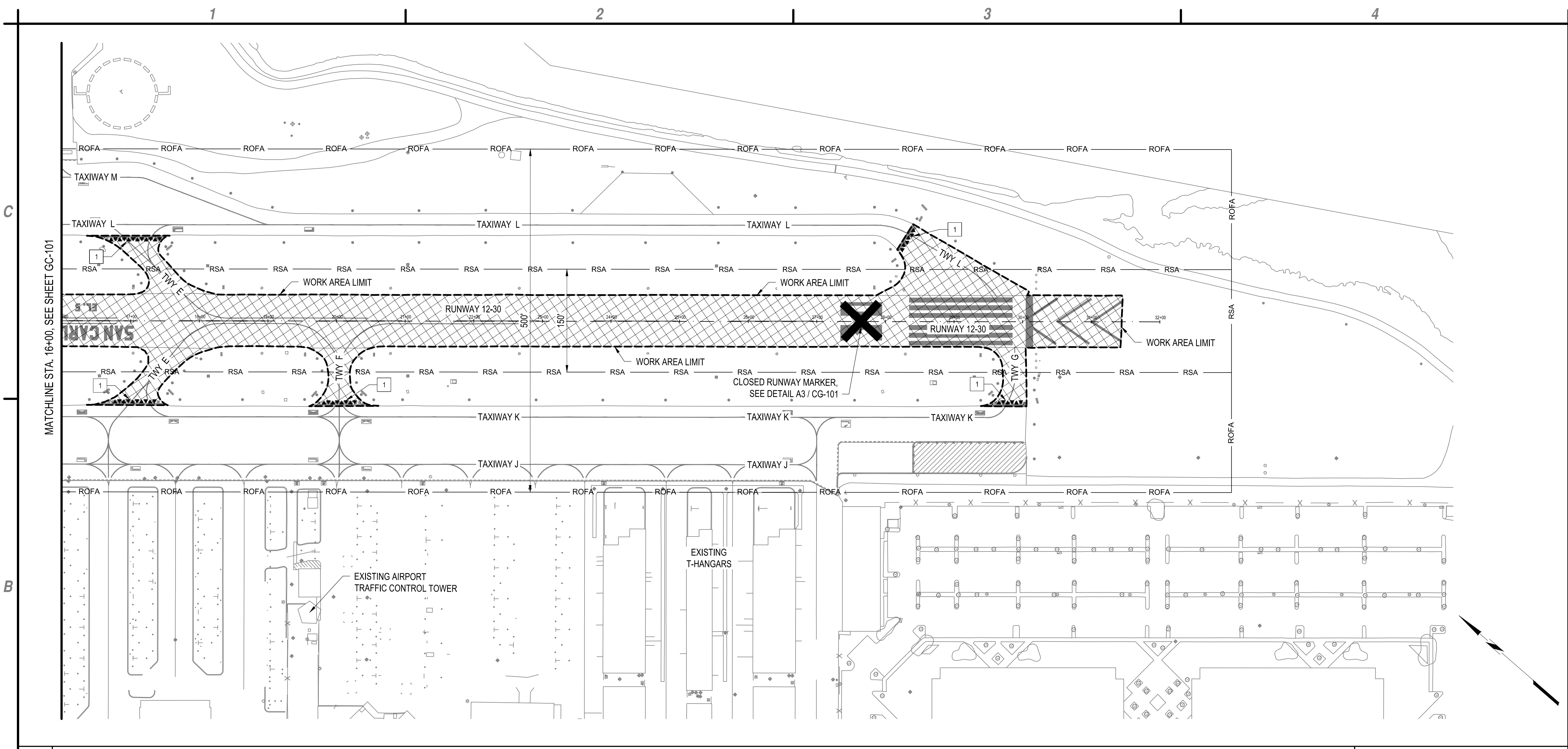


COUNTY OF SAN MATEO
SAN CARLOS AIRPORT
RUNWAY PAVEMENT PRESERVATION
AND REHABILITATION

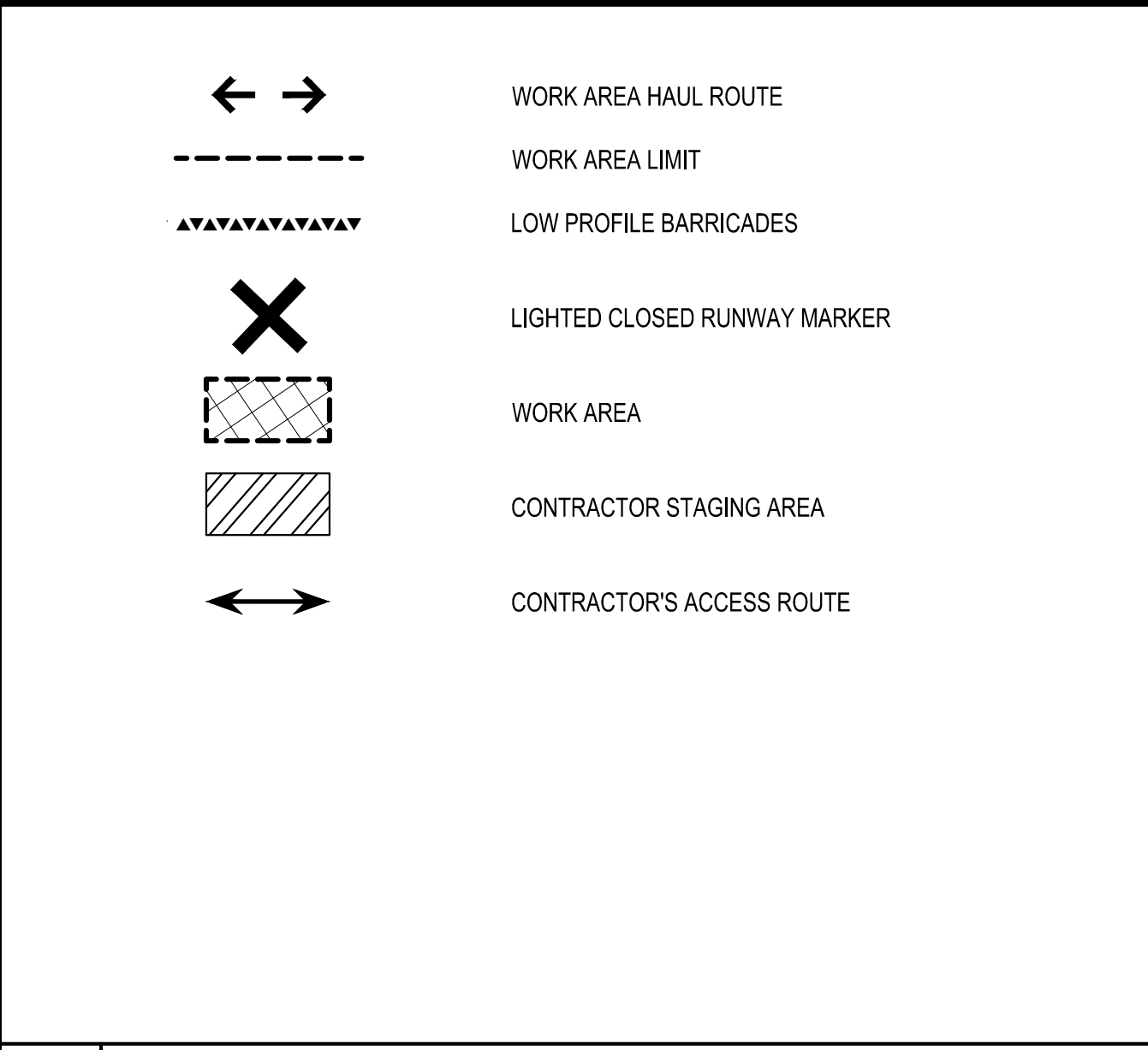
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:		116.002.011
DATE:		MAY 2020
DRAWN BY:		MDV
DESIGNED BY:		DM
CHECKED BY:		TDR

CONSTRUCTION SAFETY PHASING PLAN

GC-101



B1 CONSTRUCTION SAFETY PHASING PLAN
SCALE: 1" = 80'



A2 KEYED NOTES AND WORK AREA NOTES
SCALE: NOT TO SCALE

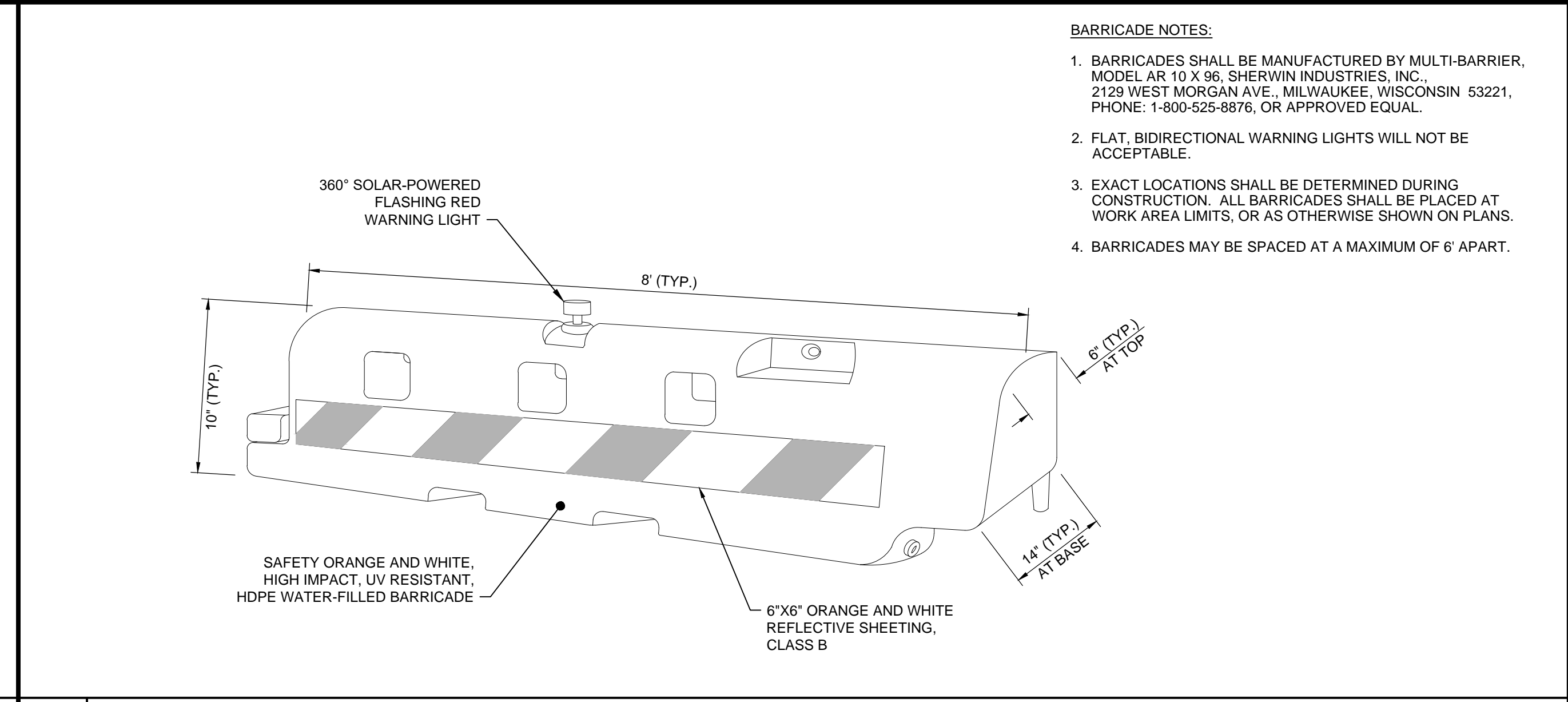
KEYED NOTES

1 BARRICADE LOCATION (TYP.). SEE DETAIL A3/GC-102.

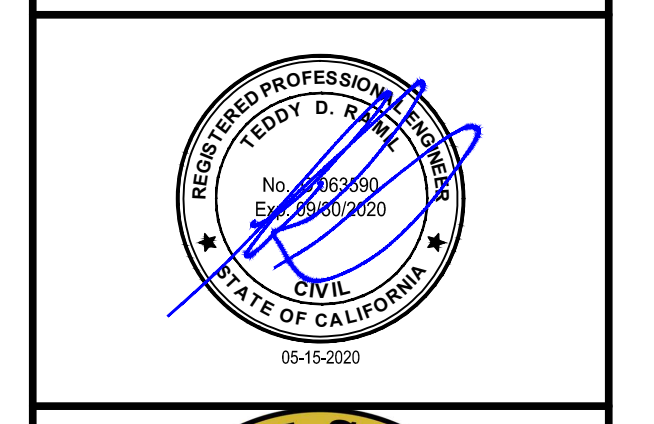
WORK AREA NOTES

WORK AREA, PHASE 1:
THE WORK LIMITS ARE THE ENTIRE RUNWAY TO BEYOND THE HOLDING POSITION MARKINGS ON THE TAXIWAY CONNECTORS. PHASE 1 INCLUDES REMOVAL AND REPLACEMENT OF 7 FEET OF EXISTING PAVEMENT ALONG THE OUTER EDGE OF RUNWAY 12-30 AND CONNECTOR TAXIWAYS B, C, D AND E. IN THE AREAS DENOTED IN THE PLANS. THE PHASE WILL INCLUDE OBLITERATION OF A PORTION OF THE EXISTING MARKINGS, SURFACE PREPARATION, CRACK SEAL, ASPHALT EMULSION SEAL COAT, AND PLACEMENT OF INTERIM MARKINGS ON THE RUNWAY AND PERMANENT MARKINGS ON ALL TAXIWAY CONNECTORS. THE RUNWAY AND ALL TAXIWAY CONNECTORS WILL BE CLOSED FOR PHASE 1 WORK. CONSTRUCTION OF THIS PHASE SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS.

WORK AREA, PHASE 2:
THE WORK LIMITS ARE THE ENTIRE RUNWAY. PHASE 2 INCLUDES PERMANENT MARKINGS ON THE RUNWAY. THE RUNWAY AND ALL TAXIWAY CONNECTORS WILL BE CLOSED FOR PHASE 2 WORK. CONSTRUCTION OF THIS PHASE SHALL BE COMPLETED WITHIN 2 CALENDAR DAYS.



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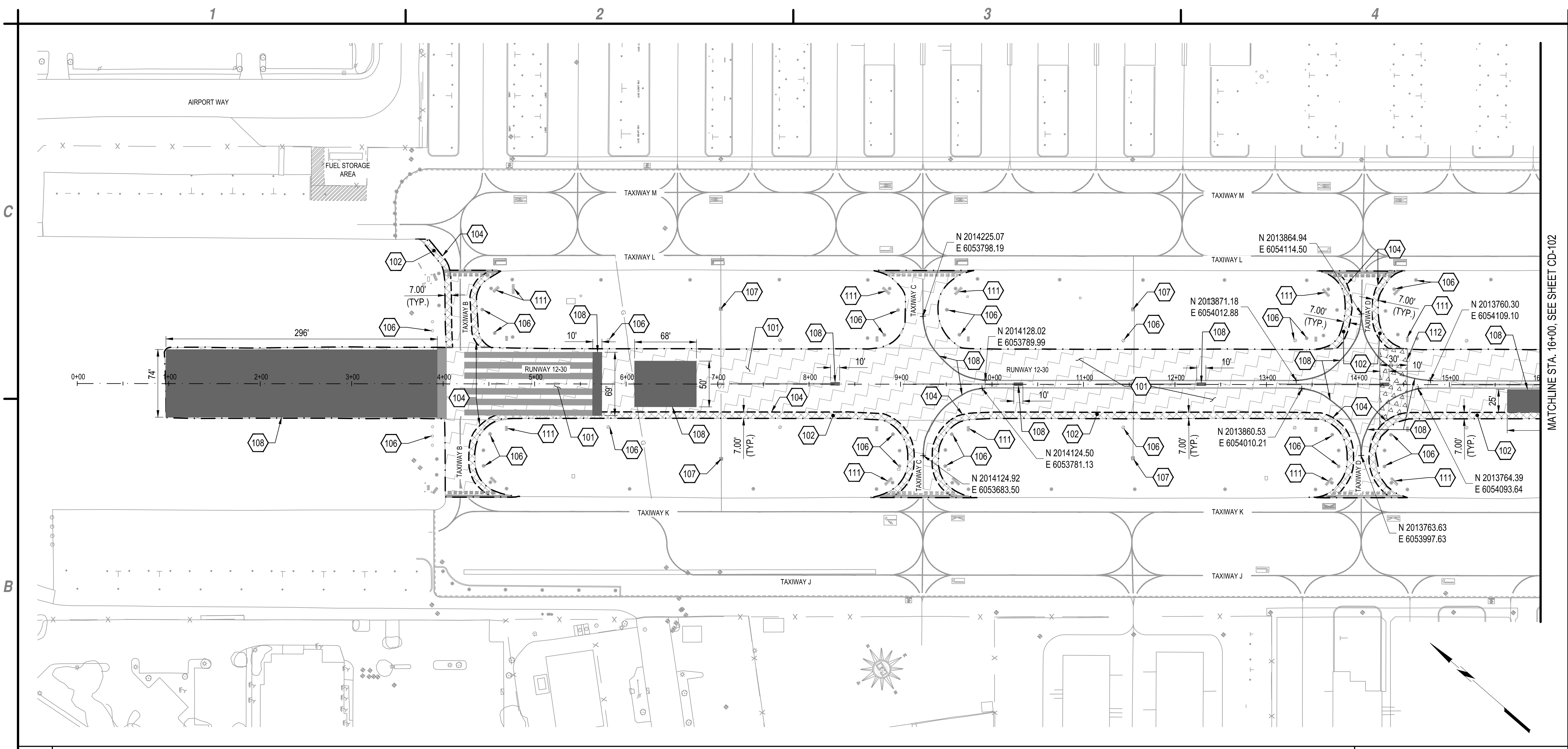
COUNTY OF SAN MATEO
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DRAWN BY:		MDV
DESIGNED BY:		DM
CHECKED BY:		TDR

CONSTRUCTION SAFETY PHASING PLAN

GC-102

May 14, 2020 - 2:01 pm
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MATCHLINE STA. 16+00, SEE SHEET CD-102



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COUNTY OF SAN MATEO
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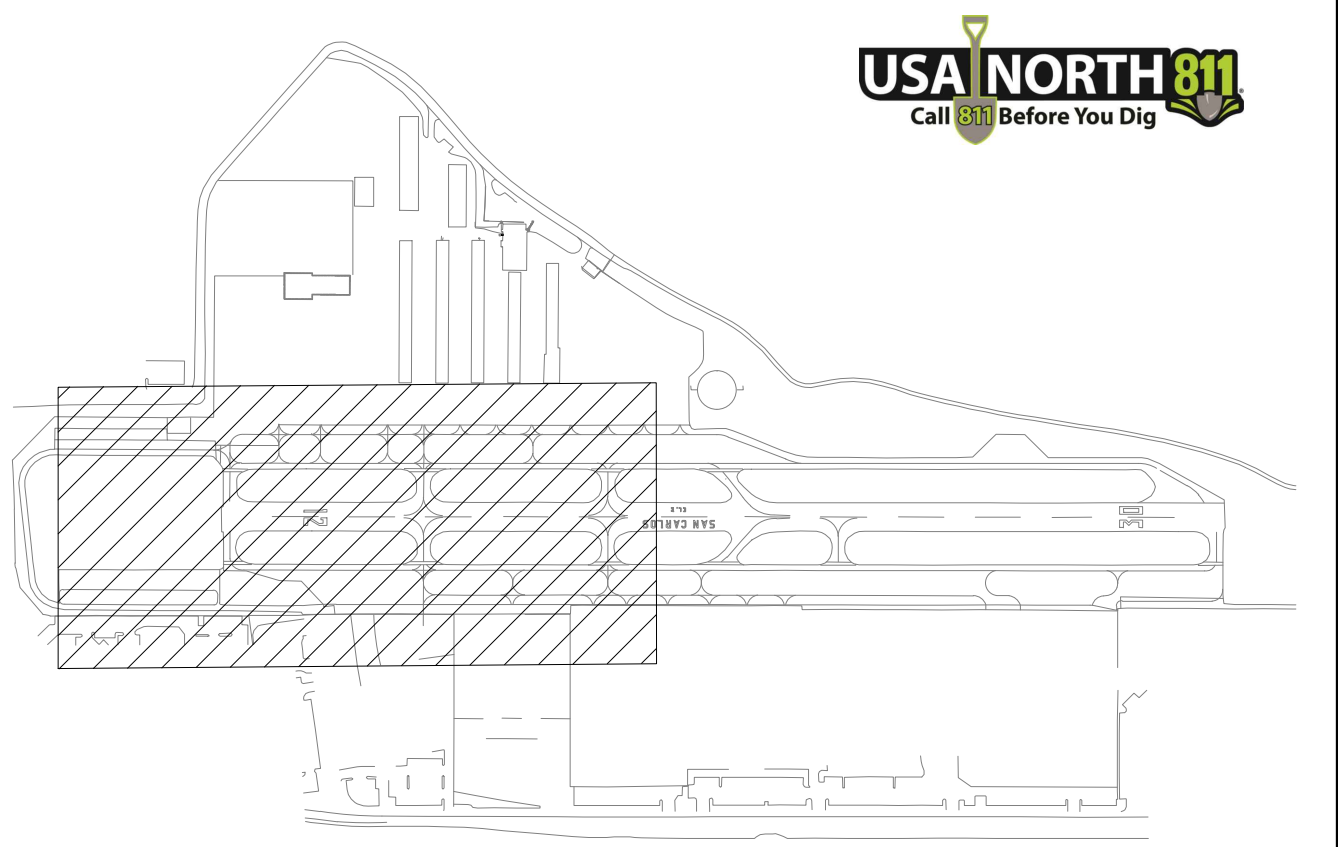
B1 DEMOLITION PLAN

SCALE: 1" = 60'



- 101. PREPARE SURFACE FOR SEAL COAT (TYP.).
- 102. REMOVE EXISTING TAXIWAY/RUNWAY PAVEMENT STRUCTURAL SECTION.
- 104. SAWCUT EXISTING PAVEMENT TO CREATE CLEAN EDGE.
- 106. EXISTING EDGE LIGHT TO REMAIN, PROTECT IN PLACE (TYP.).
- 107. EXISTING CATCH BASIN TO REMAIN, PROTECT IN PLACE(TYP.).
- 108. OBLITERATE EXISTING PAINT MARKING, PER DIMENSIONS NOTED.
- 111. EXISTING GUIDANCE SIGN TO REMAIN, PROTECT IN PLACE (TYP.).
- 112. PARTIAL DEPTH MILLING OF EXISTING PAVEMENT TO REMOVE SURFACE BUMP. EXACT LIMITS AND DEPTH TO BE DETERMINED OUT IN THE FIELD BY THE CONTRACTOR AND ENGINEER.

- REMOVE EXISTING PAVEMENT STRUCTURAL SECTION
- PREPARE SURFACE FOR SEAL COAT
- OBLITERATE EXISTING PAVEMENT MARKING
- MILL EXISTING PAVEMENT TO REMOVE SURFACE BUMP
- LIMITS OF WORK



A1 KEYED NOTES

NOT TO SCALE

A2 LEGEND

NOT TO SCALE

A3 NOT USED

NOT TO SCALE

A4 KEY MAP

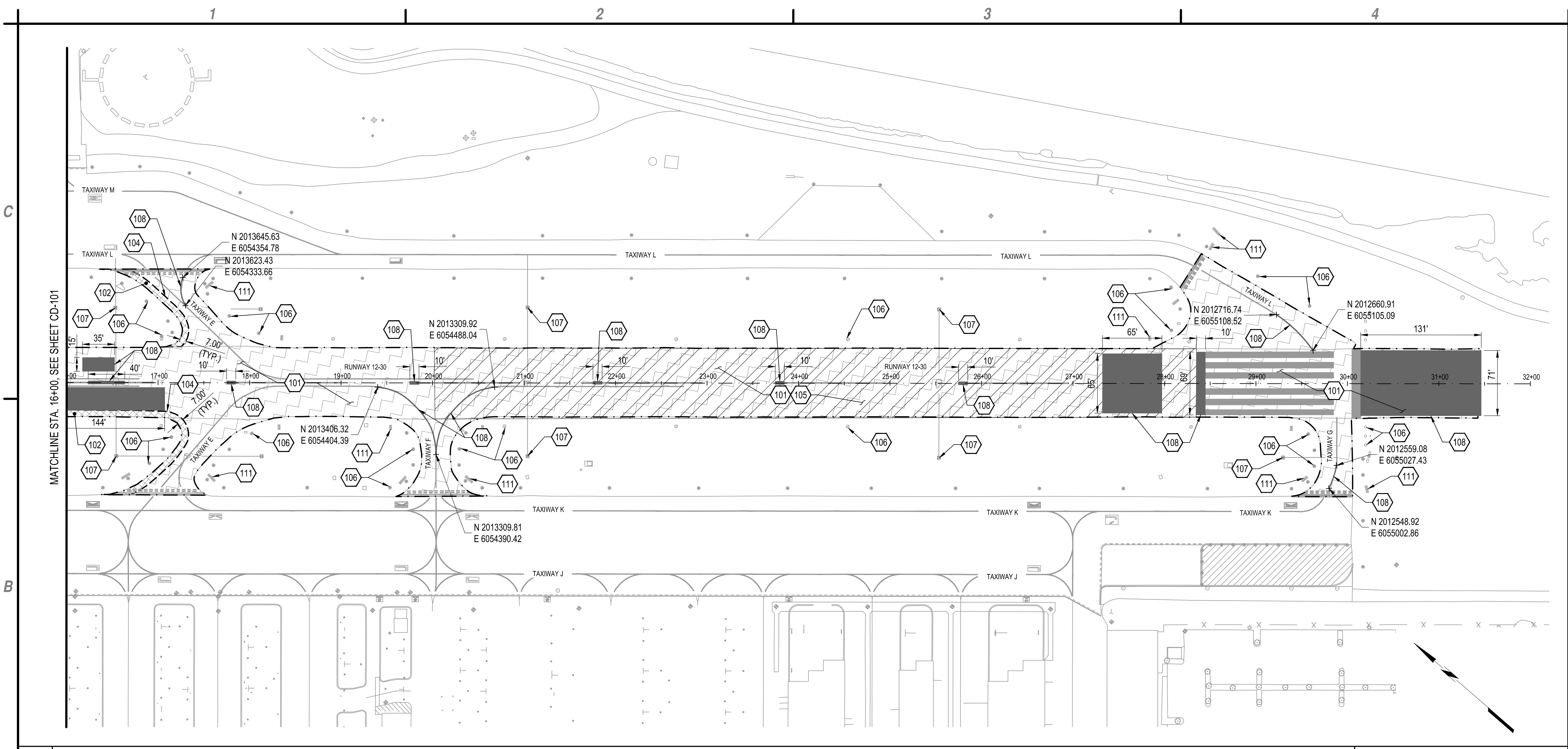
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DATE:		MAY 2020
DRAWN BY:		DM
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DEMOLITION PLAN

CD-101

May 12, 2020 - 3:00pm
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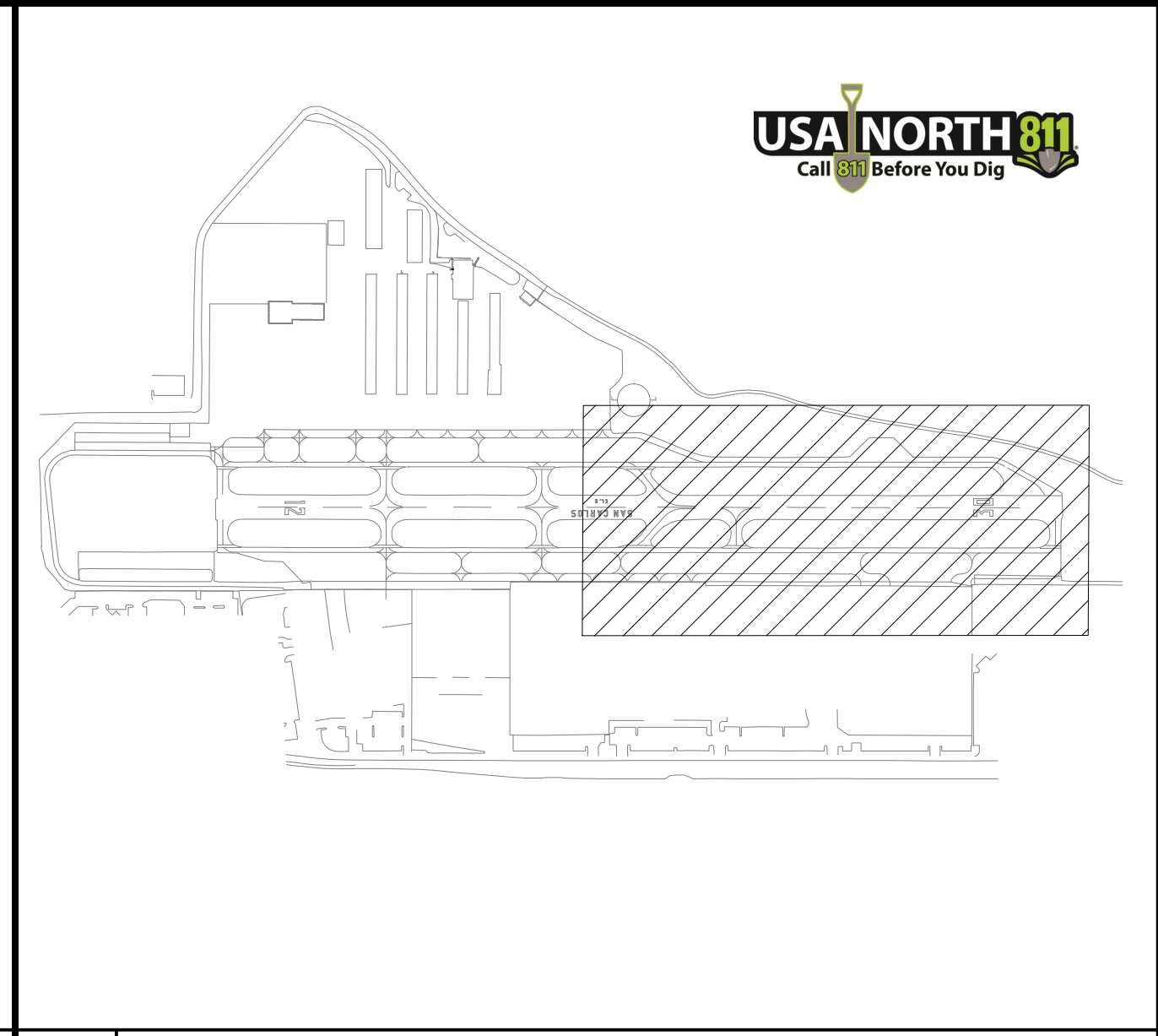
B1 DEMOLITION PLAN
SCALE: 1" = 60'



- A1** KEYED NOTES
NOT TO SCALE
- 101. PREPARE SURFACE FOR SEAL COAT (TYP.).
 - 102. REMOVE EXISTING TAXIWAY/RUNWAY PAVEMENT STRUCTURAL SECTION.
 - 104. SAWCUT EXISTING PAVEMENT TO CREATE CLEAN EDGE.
 - 105. REMOVE EXISTING RUBBER FROM SURFACE.
 - 106. EXISTING EDGE LIGHT TO REMAIN, PROTECT IN PLACE (TYP.).
 - 107. EXISTING CATCH BASIN TO REMAIN, PROTECT IN PLACE(TYP.).
 - 108. OBLITERATE EXISTING PAINT MARKING, PER DIMENSIONS NOTED.
 - 111. EXISTING GUIDANCE SIGN TO REMAIN, PROTECT IN PLACE (TYP.).

- A2** LEGEND
NOT TO SCALE
- REMOVE EXISTING PAVEMENT STRUCTURAL SECTION
 - PREPARE SURFACE FOR SEAL COAT
 - REMOVE EXISTING RUBBER
 - OBLITERATE EXISTING PAVEMENT MARKING
 - LIMITS OF WORK

A3 NOT USED
NOT TO SCALE



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May 12, 2020 - 2:58pm F:\Project\116 - San Mateo County\116.002.011 - SGI Pavement Pres Design\Design\CAD\Sheet Files\11602011_B_G-DEMO_Sheets.dwg

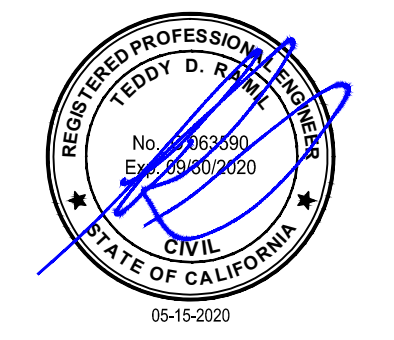
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CHECKED BY:		TDR

DEMOLITION PLAN

CD-102



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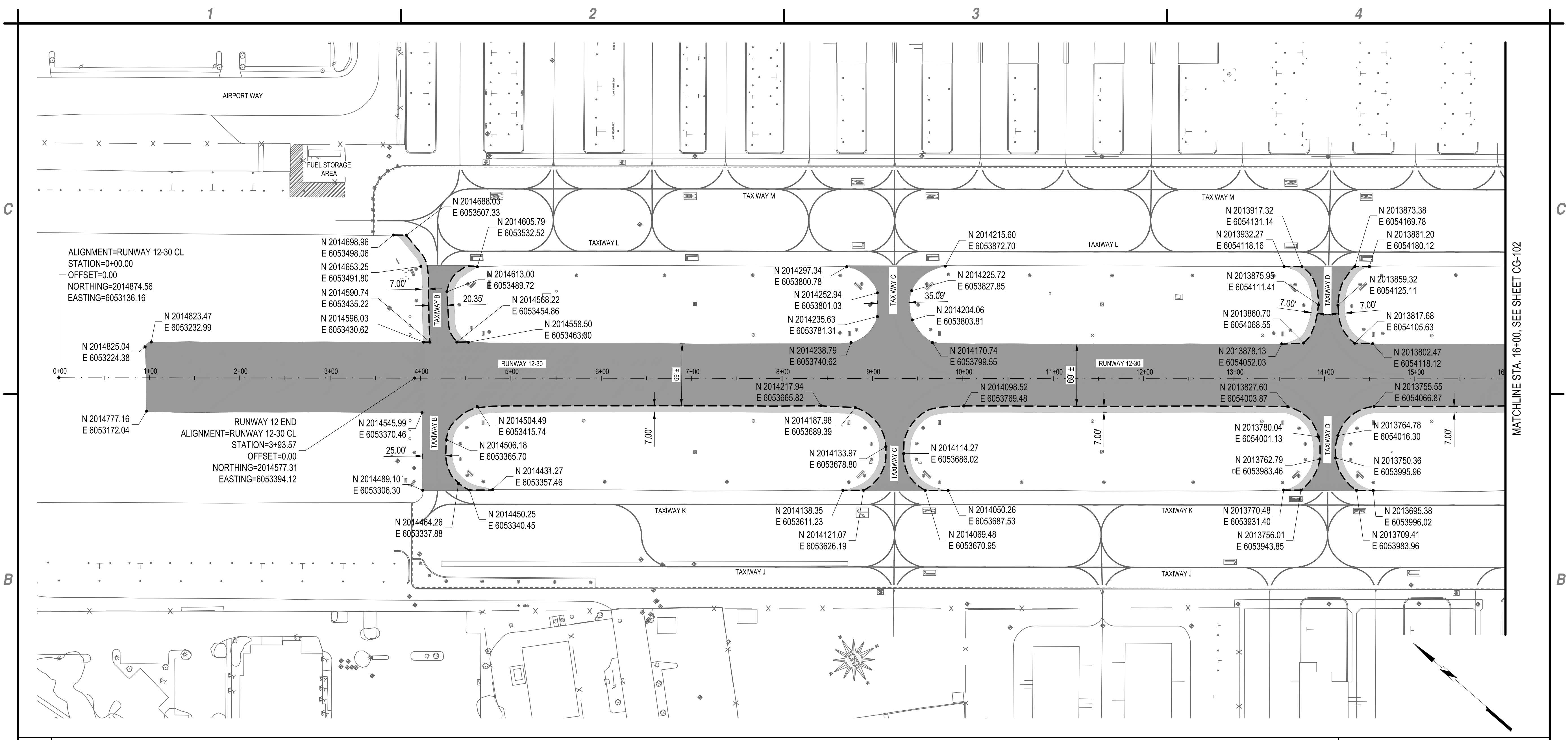


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GEOMETRY PLAN

CG-101



B1 GEOMETRY PLAN

SCALE: 1" = 60'

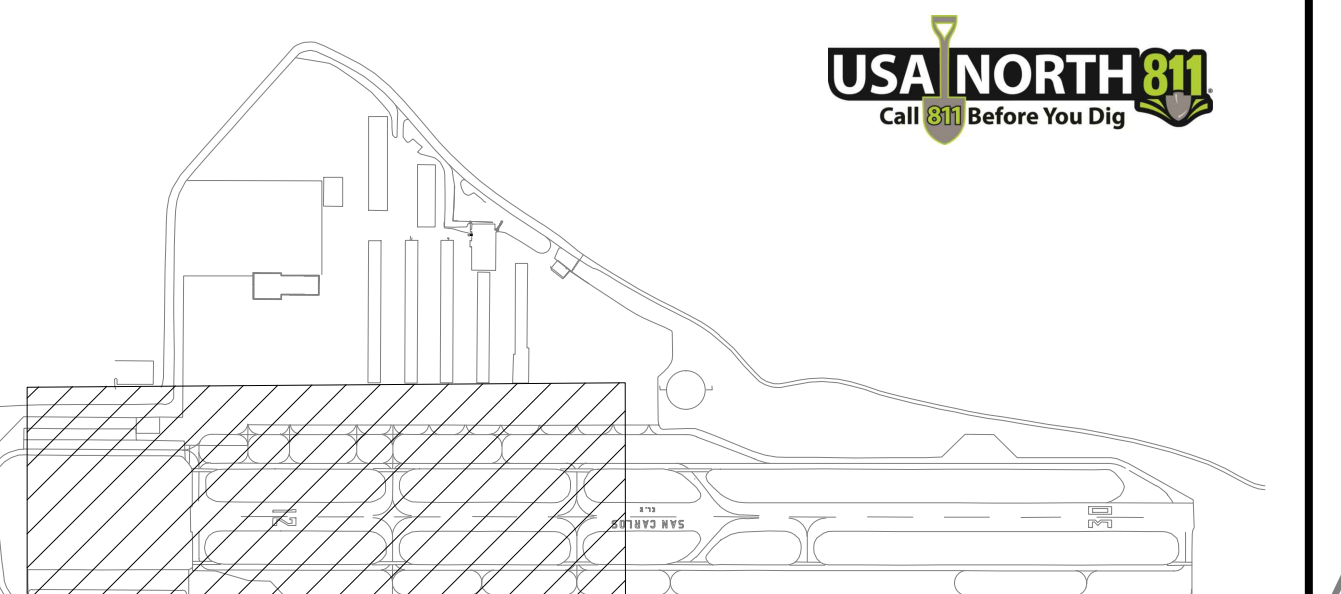


A1 LEGEND
NOT TO SCALE

	CRACK REPAIR AND SEAL COAT
	ASPHALT PAVEMENT RECONSTRUCTION AND SEAL COAT
	SAWCUT LINE

A2 NOT USED
NOT TO SCALE

A3 NOT USED
NOT TO SCALE



A1 NOT TO SCALE

A2 NOT TO SCALE

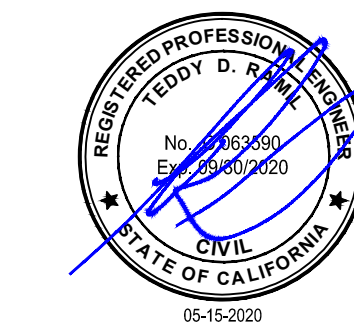
A3 NOT TO SCALE

A4 KEY MAP
NOT TO SCALE

May 13, 2020 - 3:09pm
 F:\Project\116 - San Mateo County\116.002.011 - SCL Pavement Pres Design\Design\CADD\Sheet Files\11602011-13_CG-GEOMETRY Sheets.dwg



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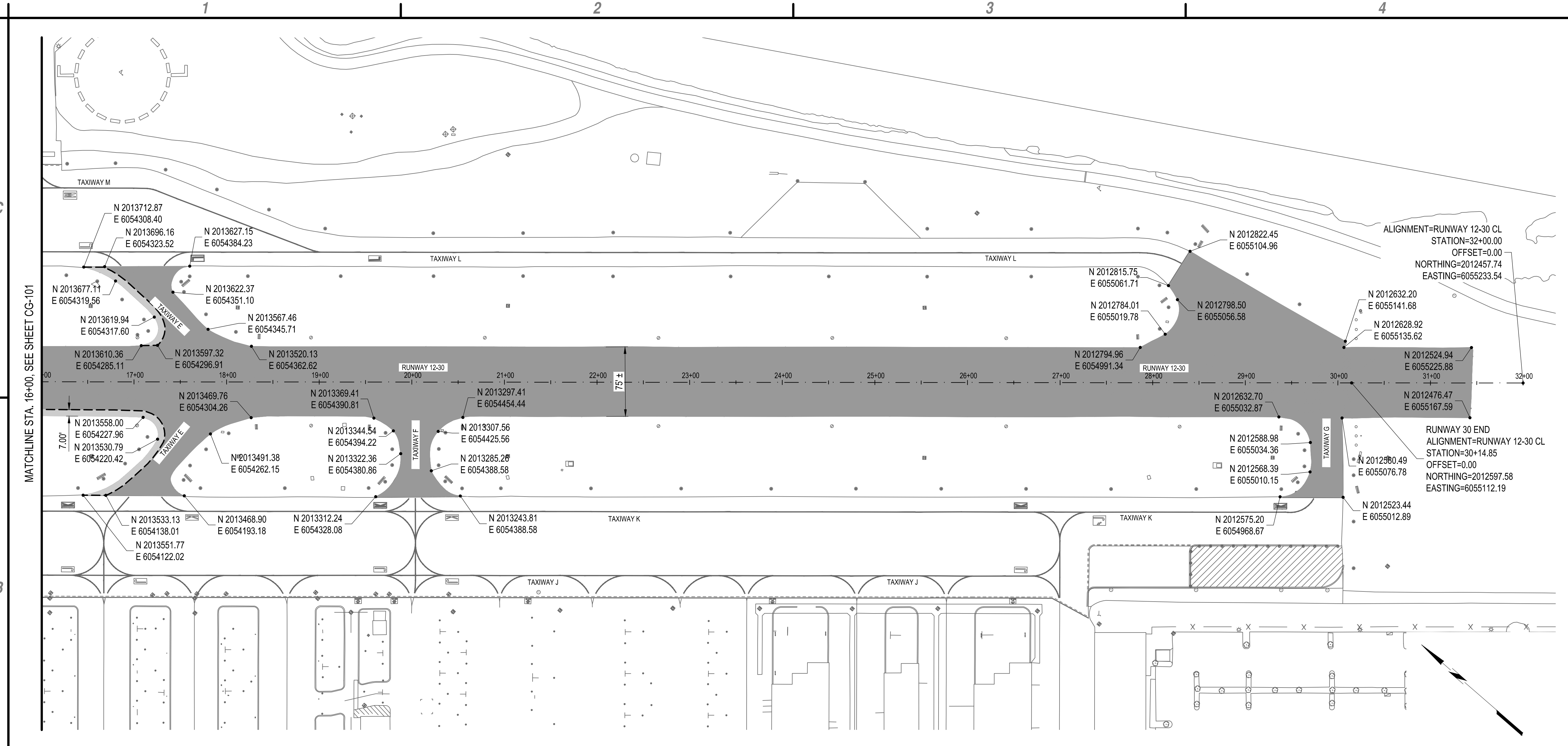
COUNTY OF SAN MATEO
SAN CARLOS AIRPORT
RUNWAY PAVEMENT PRESERVATION
AND REHABILITATION

May 13, 2020 - 3:13pm
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MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:		116.002.011
DATE:		MAY 2020
DRAWN BY:		DM
DESIGNED BY:		DM
CHECKED BY:		TDR

GEOMETRY PLAN

CG-102



B1 GEOMETRY PLAN
 SCALE: 1" = 60'

	CRACK REPAIR AND SEAL COAT
	ASPHALT PAVEMENT RECONSTRUCTION AND SEAL COAT
	SAWCUT LINE

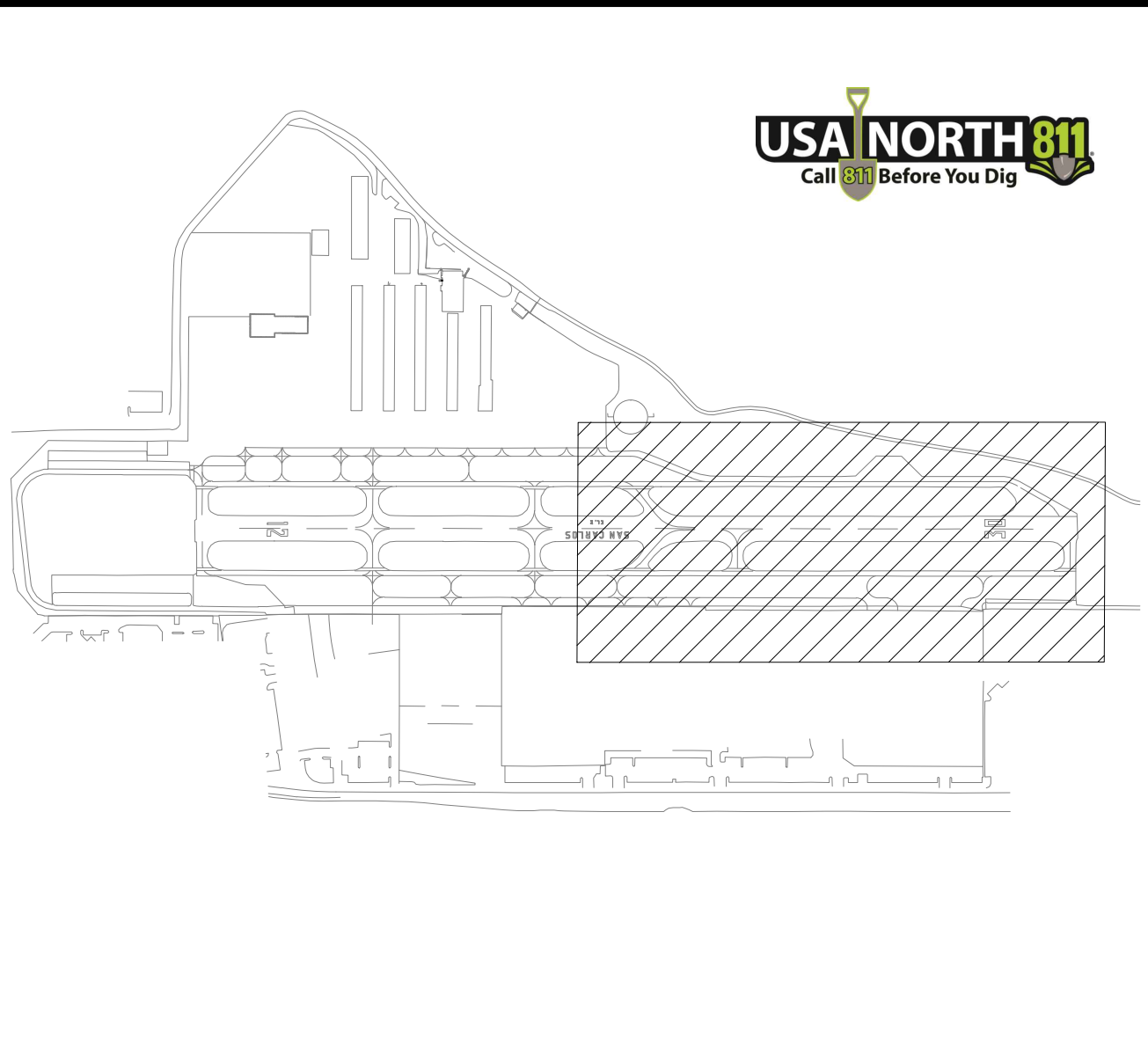
A1 LEGEND
 NOT TO SCALE

	NOT USED
	NOT USED

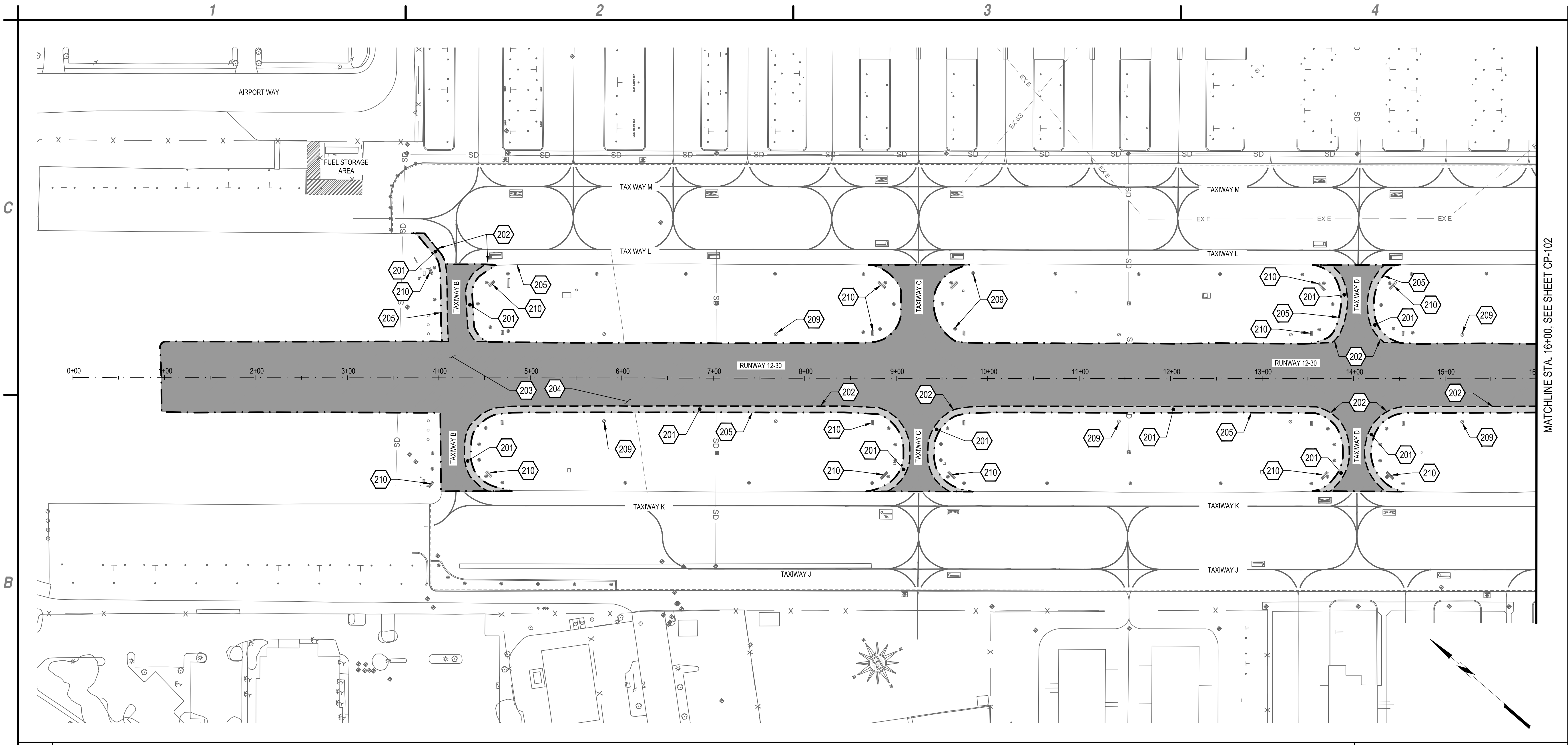
A2 NOT USED
 NOT TO SCALE

	NOT USED
	NOT USED

A3 NOT USED
 NOT TO SCALE



A4 KEY MAP
 NOT TO SCALE



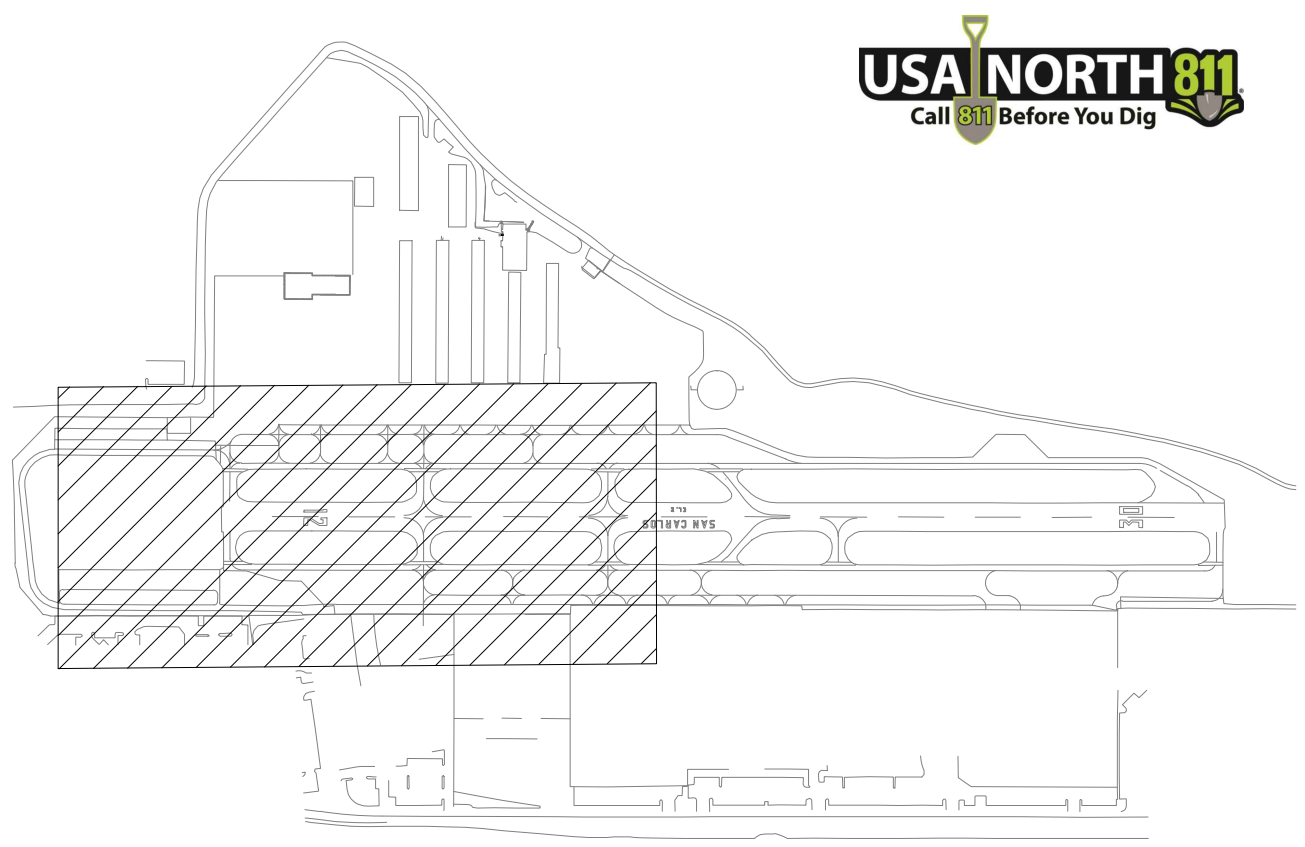
MATCHLINE STA. 16+00, SEE SHEET CP-102

B1 PAVING PLAN
SCALE: 1" = 60'



- 201. FULL DEPTH RECONSTRUCTION. FOR TYPICAL SECTION, SEE DETAIL A1/CP-501.
- 202. MEET EXISTING PAVEMENT. SEE KEYING DETAIL B2/CP-501.
- 203. CRACK SEAL EXISTING PAVEMENT, SEE DETAILS A3/CP-501.
- 204. SEAL COAT ASPHALT PAVEMENT, SEE DETAIL B3/CP-501.
- 205. SEE EDGE OF PAVEMENT DETAIL A2/CP-501.
- 209. EXISTING EDGE LIGHT TO REMAIN, PROTECT IN PLACE (TYP.).
- 210. EXISTING GUIDANCE SIGNS TO REMAIN, PROTECT IN PLACE (TYP.).

- CRACK REPAIR AND SEAL COAT
- ASPHALT PAVEMENT RECONSTRUCTION
- SAWCUT LINE
- WORK LIMIT



A1 KEYED NOTES
NOT TO SCALE

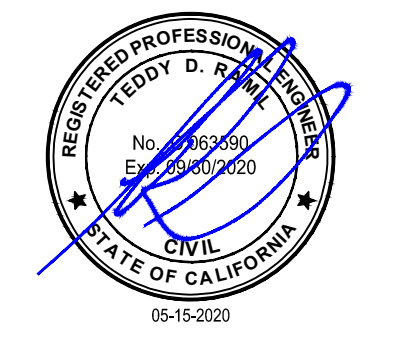
A2 NOT USED
NOT TO SCALE

A3 NOT USED
NOT TO SCALE

A4 KEY MAP
NOT TO SCALE



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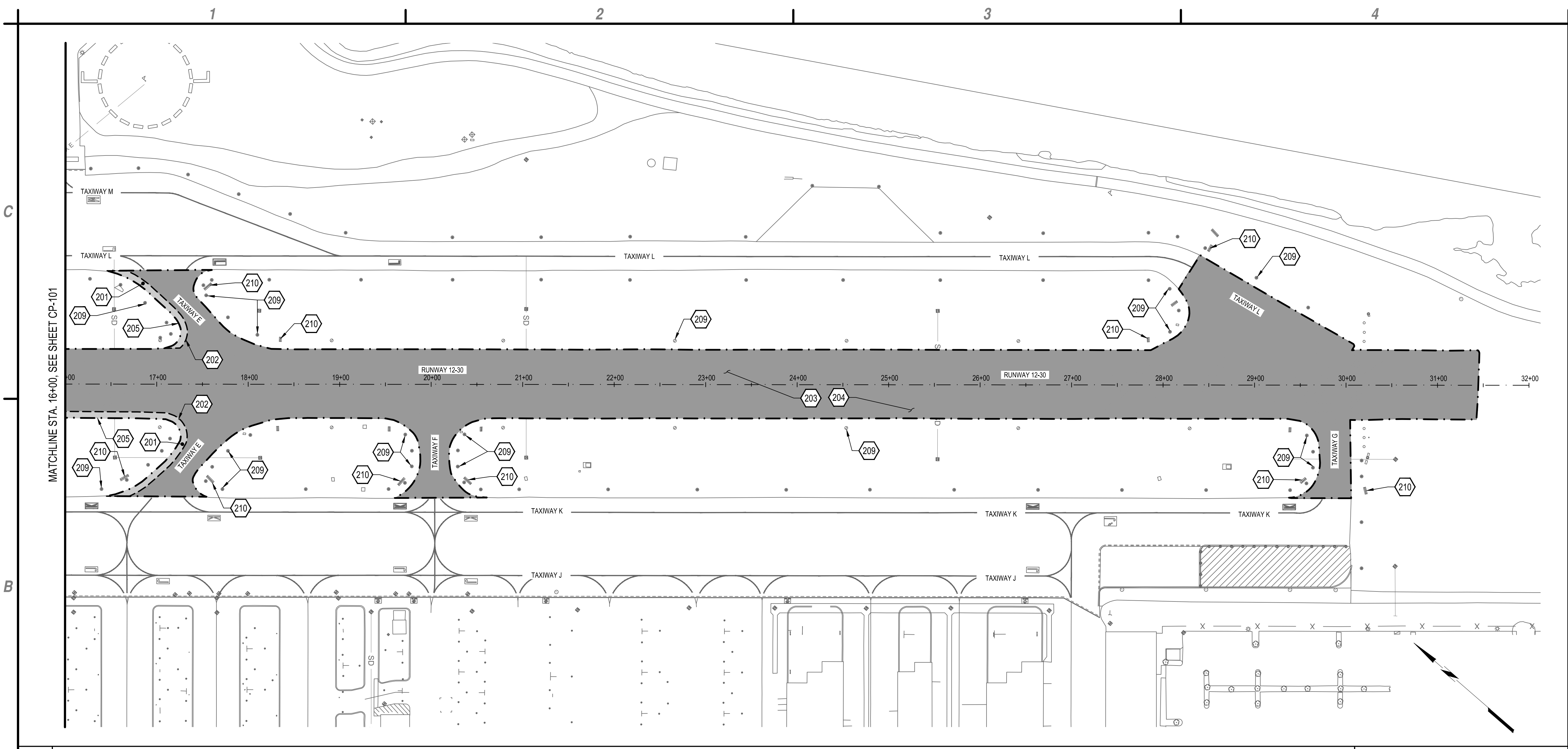
COUNTY OF SAN MATEO
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May 13, 2020 - 1:10pm - F:\Project\116 - San Mateo County\116.002.011 - SGI Pavement Pres Design\Design\CADD\Sheet Files\11602011-14_CP-Paving_Sheets.dwg

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:		116.002.011
DATE:		MAY 2020
DRAWN BY:		DM
DESIGNED BY:		DM
CHECKED BY:		TDR

PAVING PLAN

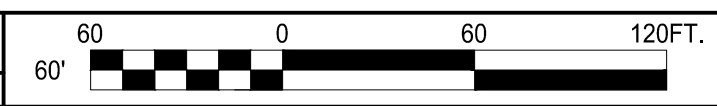
CP-101



MATCHLINE STA. 16+00, SEE SHEET CP-101

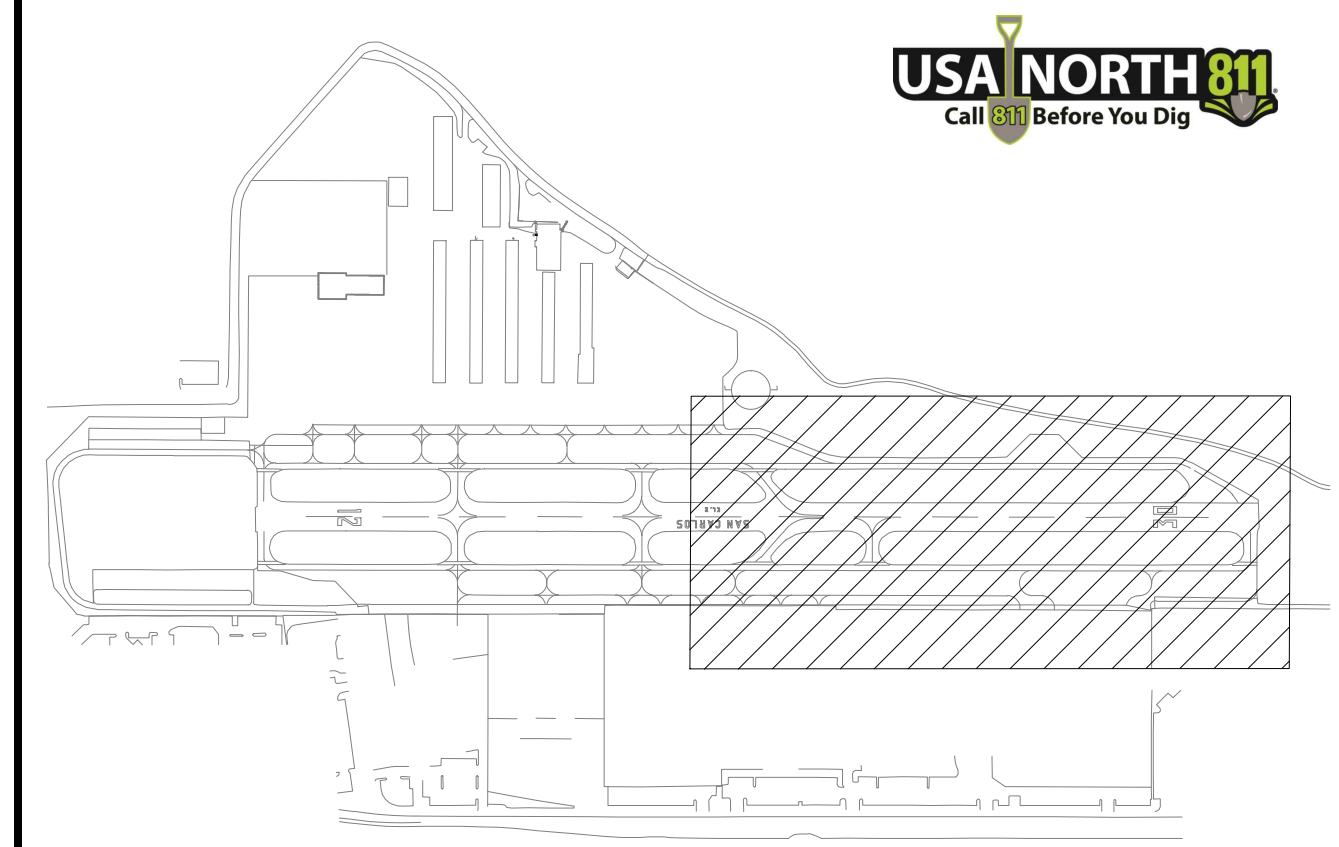
B1 PAVING PLAN

SCALE: 1" = 60'



- 201. FULL DEPTH RECONSTRUCTION. FOR TYPICAL SECTION, SEE DETAIL A1/CP-501.
- 202. MEET EXISTING PAVEMENT. SEE KEYING DETAIL B2/CP-501.
- 203. CRACK SEAL EXISTING PAVEMENT, SEE DETAILS A3/CP-501.
- 204. SEAL COAT ASPHALT PAVEMENT, SEE DETAIL B3/CP-501
- 205. SEE EDGE OF PAVEMENT DETAIL A2/CP-501.
- 209. EXISTING EDGE LIGHT TO REMAIN, PROTECT IN PLACE (TYP.).
- 210. EXISTING GUIDANCE SIGNS TO REMAIN, PROTECT IN PLACE (TYP.).

- CRACK REPAIR AND SEAL COAT
- ASPHALT PAVEMENT RECONSTRUCTION
- SAWCUT LINE
- WORK LIMIT



A1 KEYED NOTES

NOT TO SCALE

A2 NOT USED

NOT TO SCALE

A3 NOT USED

NOT TO SCALE

A4 KEY MAP

NOT TO SCALE



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May 13, 2020 - 1:12pm P:\Project\16 - San Mateo County\16.002.011 - SCL Pavement Pres. Design\Design\CADD\Sheet Files\16002011-14_CP-Paving_Sheets.dwg

MARK	DATE	DESCRIPTION
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PROJECT NO:		116.002.011
DATE:		MAY 2020
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DESIGNED BY:		DM
CHECKED BY:		TDR

PAVING PLAN

CP-102

1

2

3

4

C

C



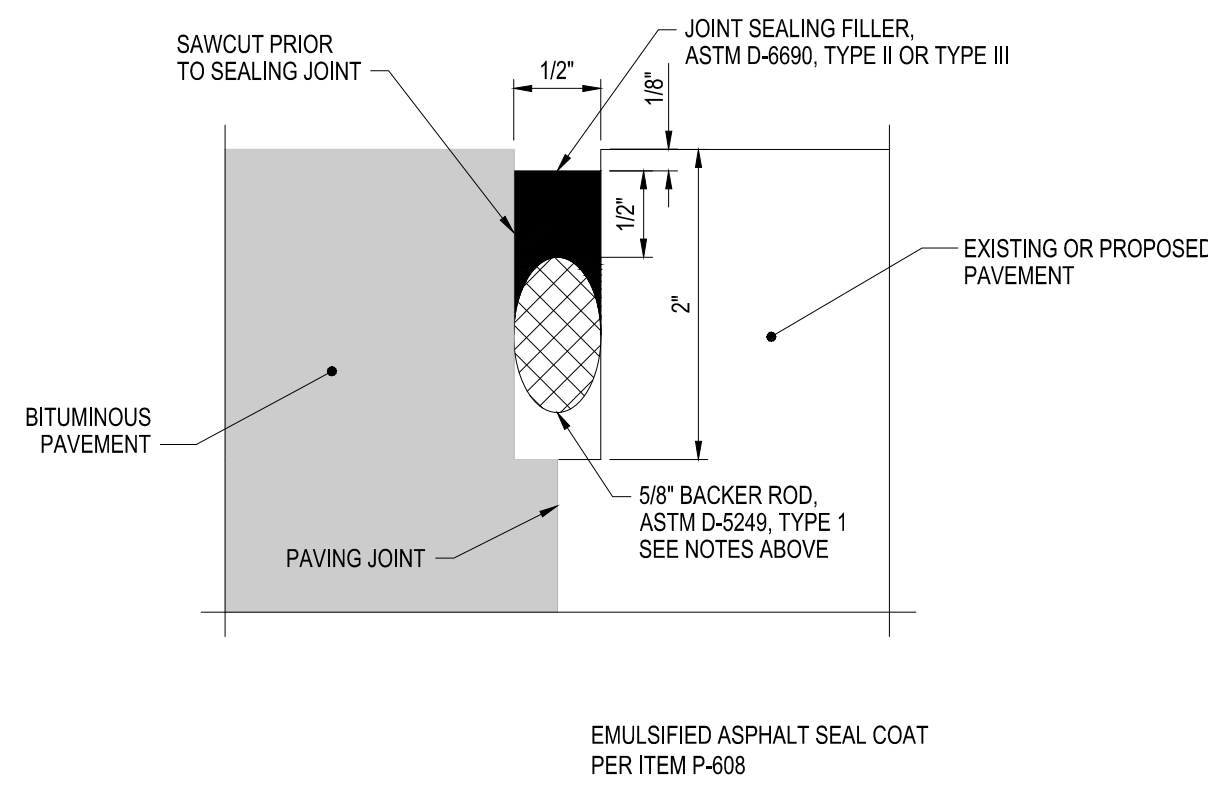
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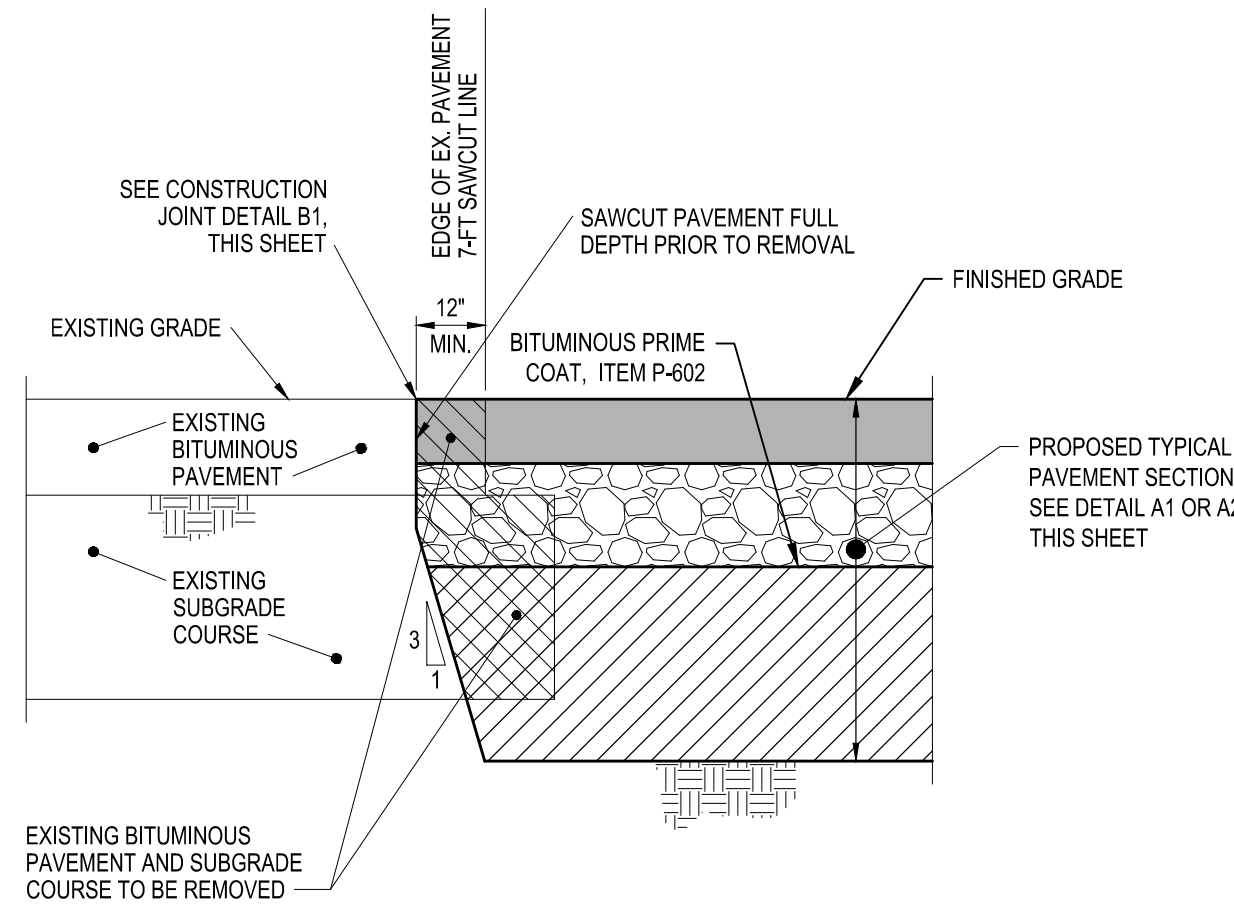
COUNTY OF SAN MATEO
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May 13, 2020 - 1:20pm
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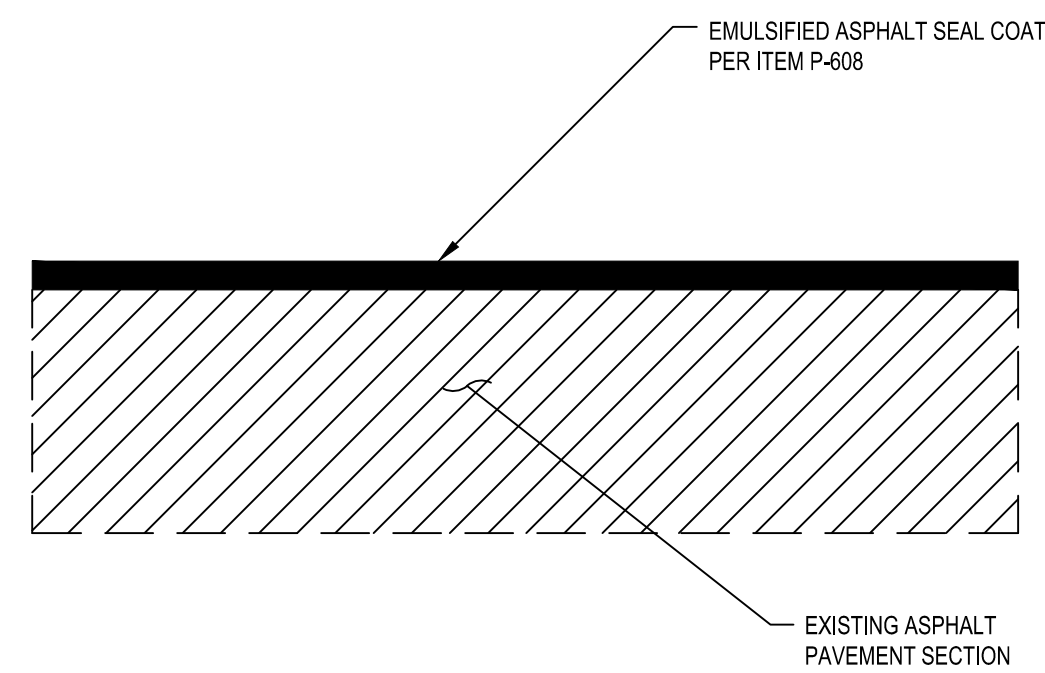
NOTE:
JOINT CONSTRUCTION IS CONSIDERED
INCIDENTAL TO THIS CONTRACT AND
NO DIRECT PAYMENT SHALL BE MADE.



B1 CONSTRUCTION JOINT
SCALE: NOT TO SCALE

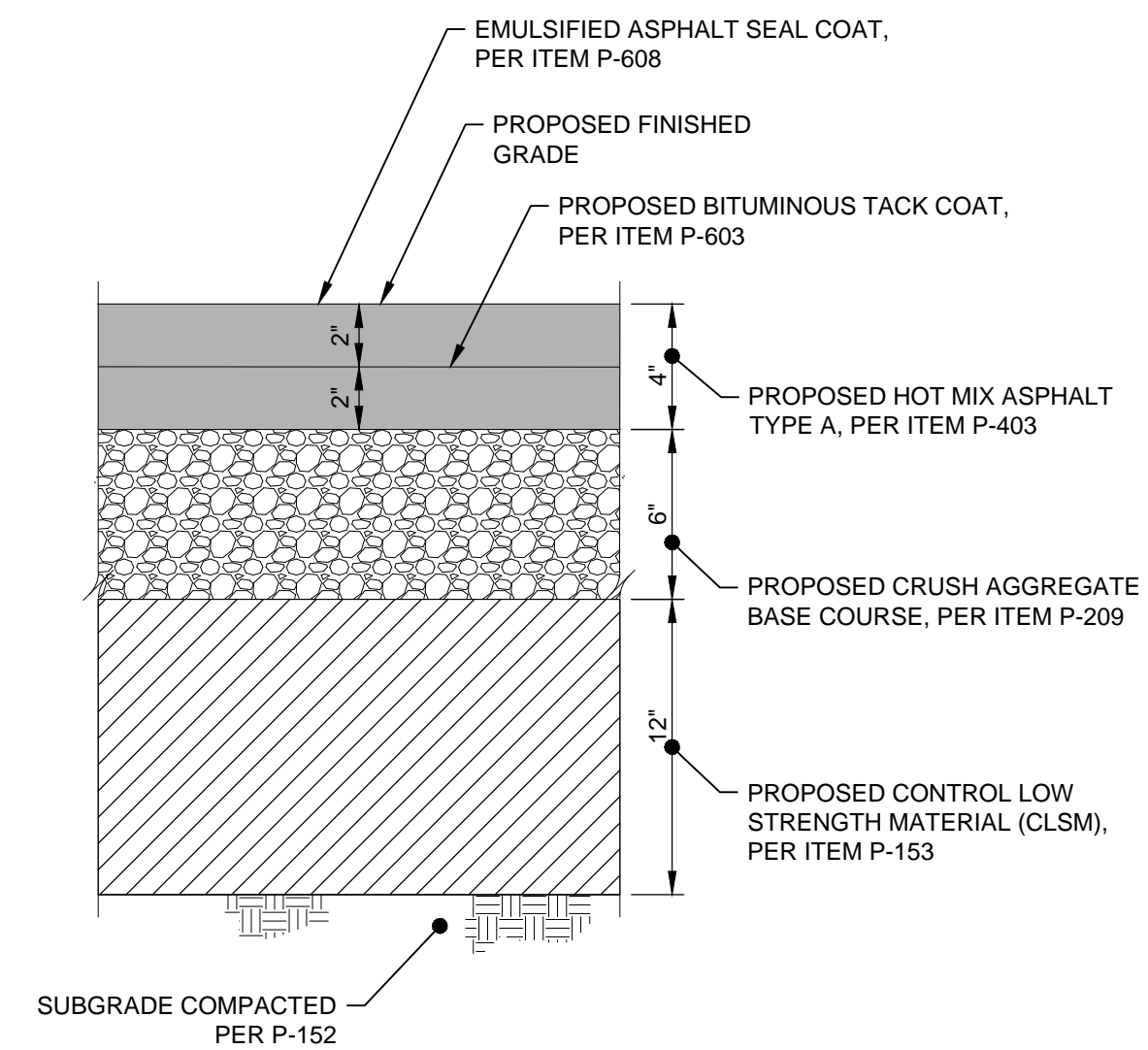


B2 KEYING DETAIL
SCALE: NOT TO SCALE

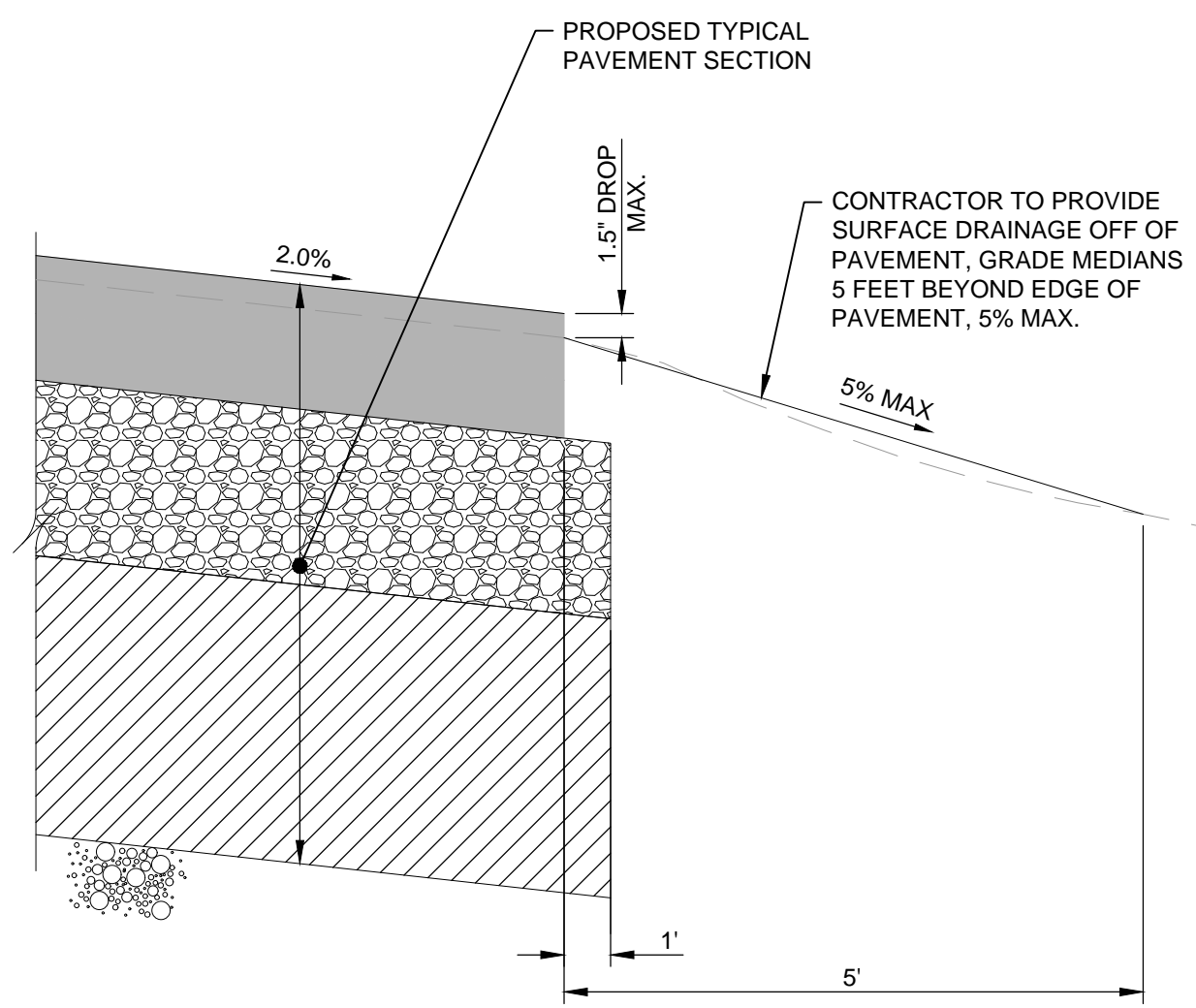


- NOTES:
1. CRACK SEAL EXISTING ASPHALT PAVEMENT PRIOR TO SURFACE TREATMENT.
 2. THE CONTRACTOR SHALL SUBMIT A MIX DESIGN FOR THE PROPOSED SEAL COAT WITH SAMPLES OF MATERIALS TO BE USED 14 DAYS PRIOR TO THE START OF CONSTRUCTION.

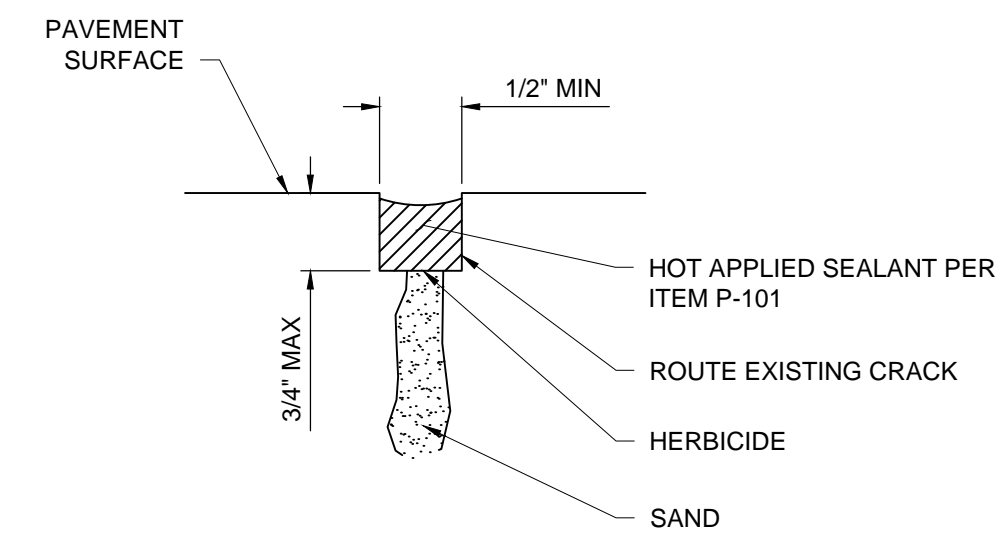
B3 SEAL COAT DETAILS
NOT TO SCALE



A1 RECONSTRUCTED PAVEMENT SECTION
SCALE: NOT TO SCALE



A2 EDGE OF PAVEMENT DETAIL
SCALE: NOT TO SCALE



- NOTES:
1. CRACKS 1" AND LESS SHALL BE ROUTED TO REMOVE AT LEAST 1/8" FROM EACH SIDE OF THE CRACK TO SOUND PAVEMENT.
 2. CRACKS SHALL NOT BE OVERBANDED.

A3 CRACK SEAL DETAIL - 1/4" TO 1"
NOT TO SCALE

B

B

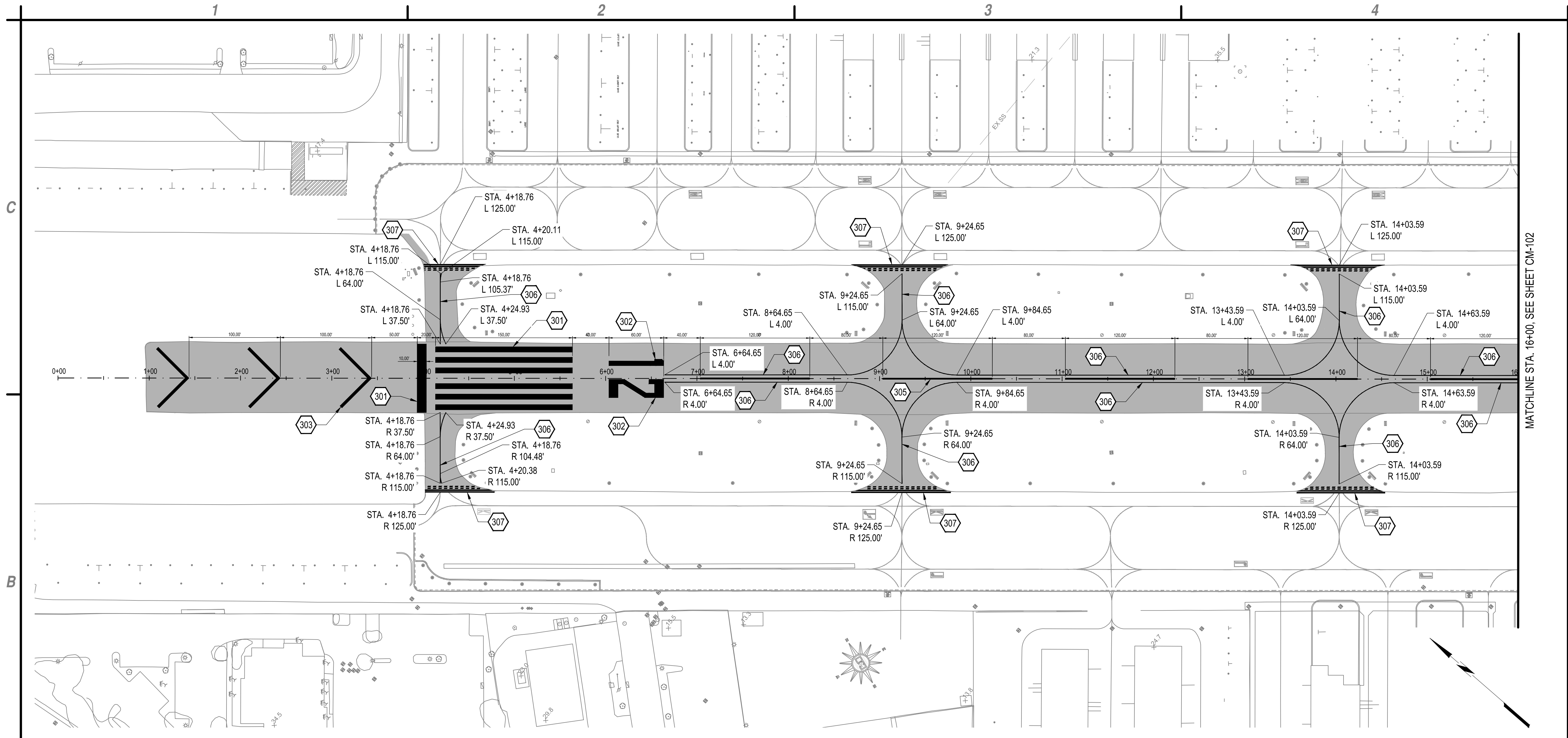
A

A

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PROJECT NO:	116.002.011	
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DESIGNED BY:	DM	
CHECKED BY:	TDR	

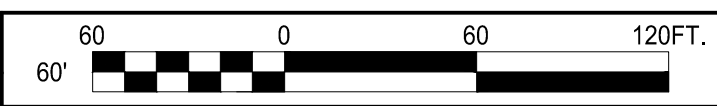
PAVING DETAILS

CP-501



MATCHLINE STA. 16+00, SEE SHEET CM-102

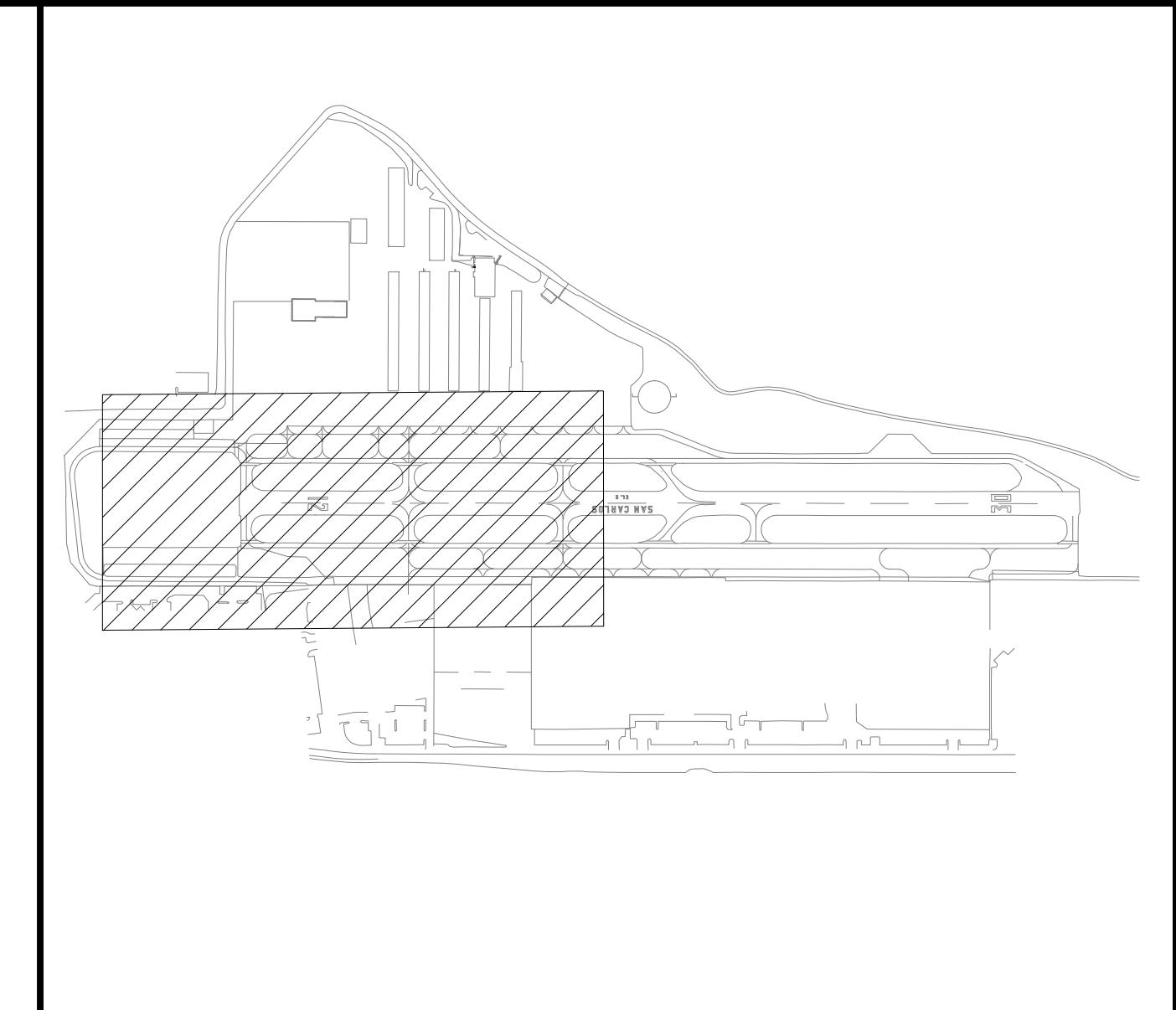
B1 MARKING PLAN
SCALE: 1" = 60'



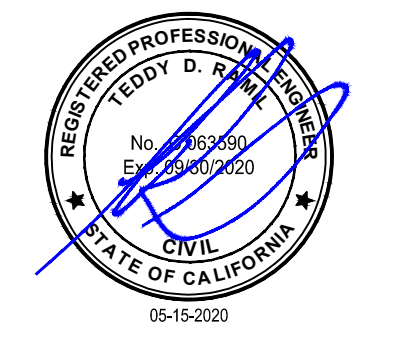
- A1** KEYED NOTES
NOT TO SCALE
- 301. RUNWAY THRESHOLD MARKING, WHITE WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL B3/SHEET CM-501.
 - 302. RUNWAY LANDING DESIGNATOR MARKING, WHITE WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL B1/SHEET CM-501.
 - 303. RUNWAY 12 END CHEVRON MARKINGS, YELLOW WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL A3/SHEET CM-501.
 - 305. RUNWAY CENTERLINE MARKING, 1.5' WIDE, WHITE WITH 6" WIDE BLACK BORDER (TYP.), ITEM P-620.
 - 306. TAXIWAY CENTERLINE MARKING, 6" WIDE, YELLOW WITH 6" WIDE BLACK BORDER (TYP.), ITEM P-620.
 - 307. RUNWAY HOLDING POSITION MARKING, YELLOW WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL B2/SHEET CM-501.

A2 NOT USED
NOT TO SCALE

A3 NOT USED
NOT TO SCALE



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S:\Equipment_Pres_Design\Design\CADD\Sheet_Files\16022011_19_CM-MARKING_sheets.dwg

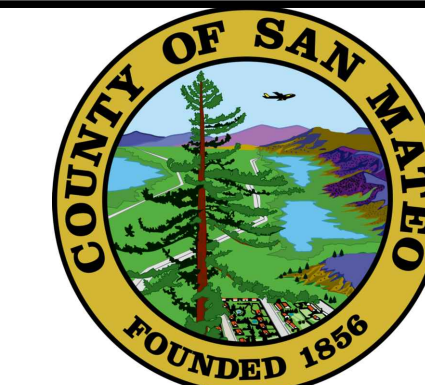
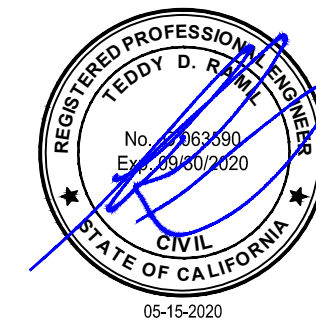
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:		116.002.011
DATE:		MAY 2020
DRAWN BY:		DM
DESIGNED BY:		DM
CHECKED BY:		TDR

MARKING PLAN

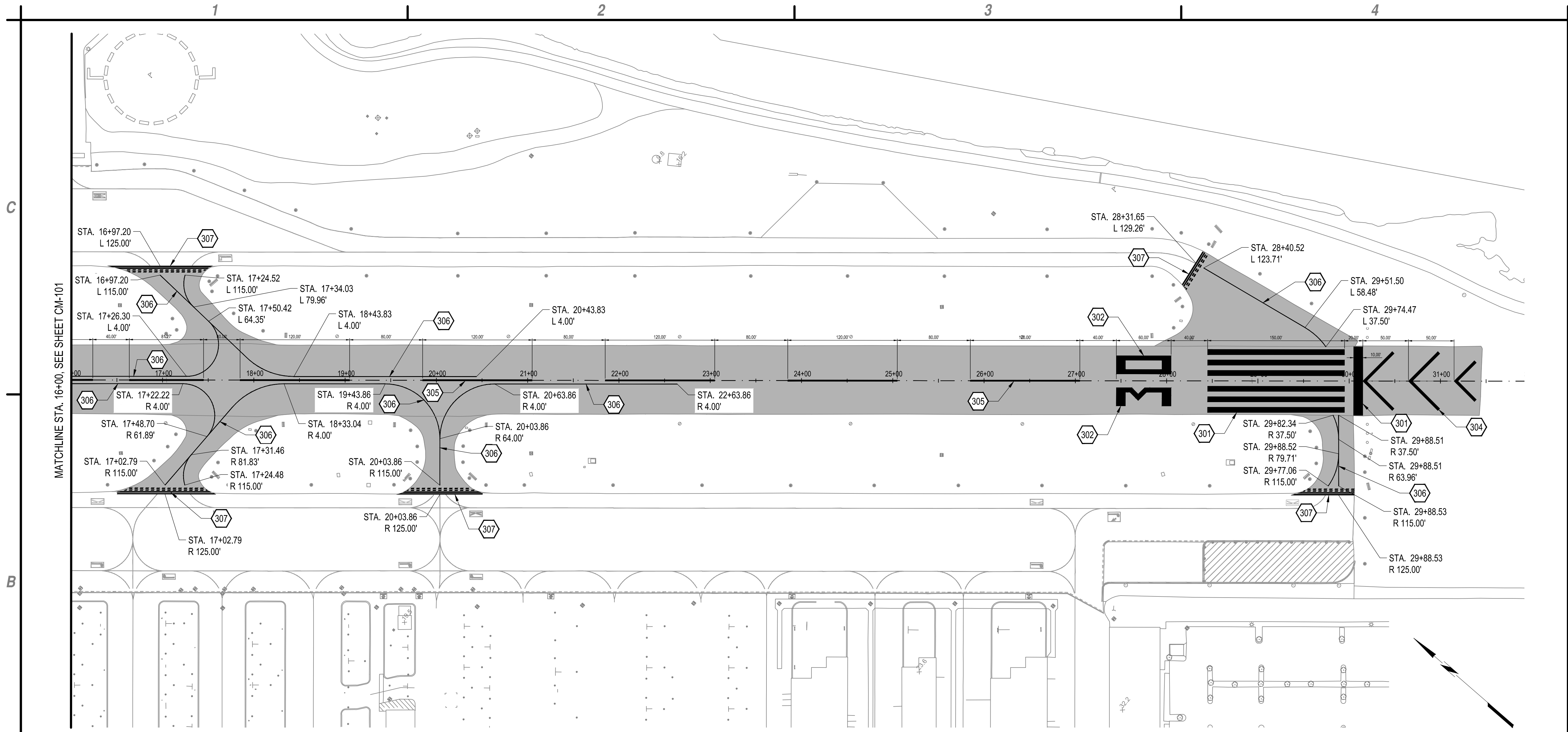
CM-101



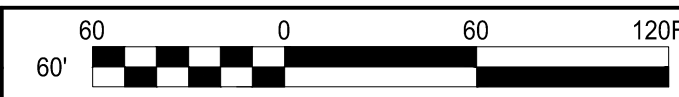
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COUNTY OF SAN MATEO
 SAN CARLOS AIRPORT
 RUNWAY PAVEMENT PRESERVATION
 AND REHABILITATION



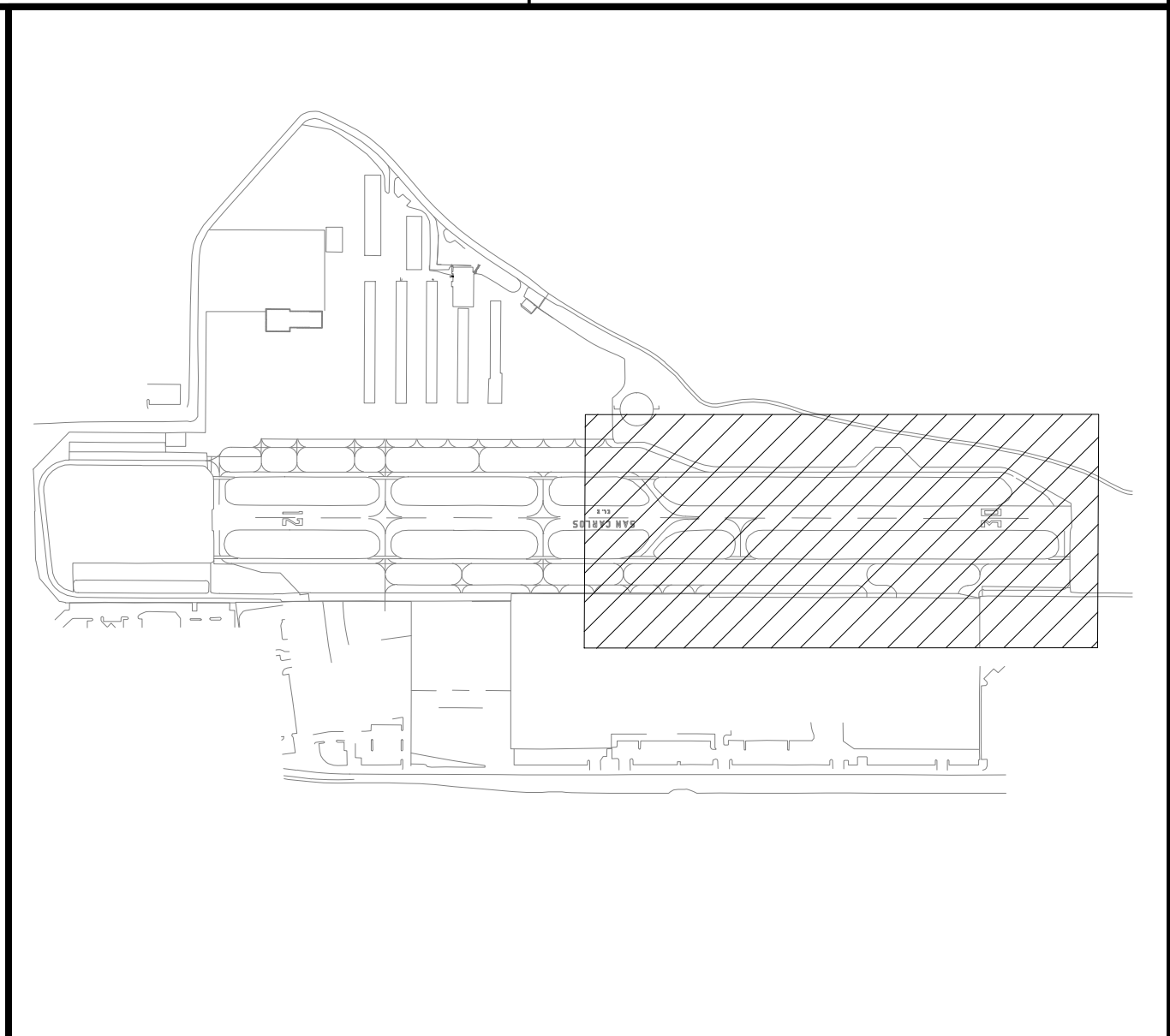
B1 MARKING PLAN
 SCALE: 1" = 60'



- A1** KEYED NOTES
 NOT TO SCALE
- 301. RUNWAY THRESHOLD MARKING, WHITE WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL B3/SHEET CM-501.
 - 302. RUNWAY LANDING DESIGNATOR MARKING, WHITE WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL B1/SHEET CM-501.
 - 304. RUNWAY 30 END CHEVRON MARKINGS, YELLOW WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL A4/SHEET CM-501.
 - 305. RUNWAY CENTERLINE MARKING, 1.5" WIDE, WHITE WITH 6" WIDE BLACK BORDER (TYP.), ITEM P-620.
 - 306. TAXIWAY CENTERLINE MARKING, 6" WIDE, YELLOW WITH 6" WIDE BLACK BORDER (TYP.), ITEM P-620.
 - 307. RUNWAY HOLDING POSITION MARKING, YELLOW WITH 6" WIDE BLACK BORDER, ITEM P-620. SEE DETAIL B2/SHEET CM-501.

A2 NOT USED
 NOT TO SCALE

A3 NOT USED
 NOT TO SCALE



MARK	DATE	DESCRIPTION
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PROJECT NO:		116.002.011
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DRAWN BY:		DM
DESIGNED BY:		DM
CHECKED BY:		TDR

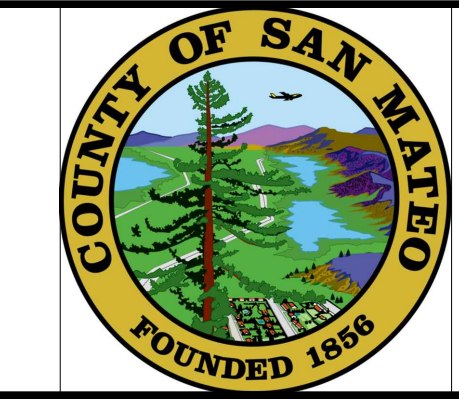
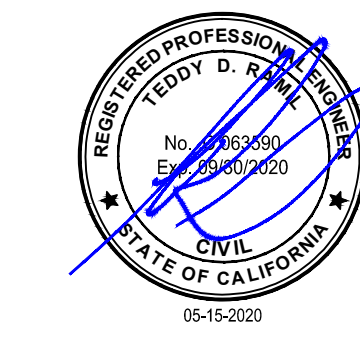
MARKING PLAN

CM-102

May 13, 2020 - 10:59am
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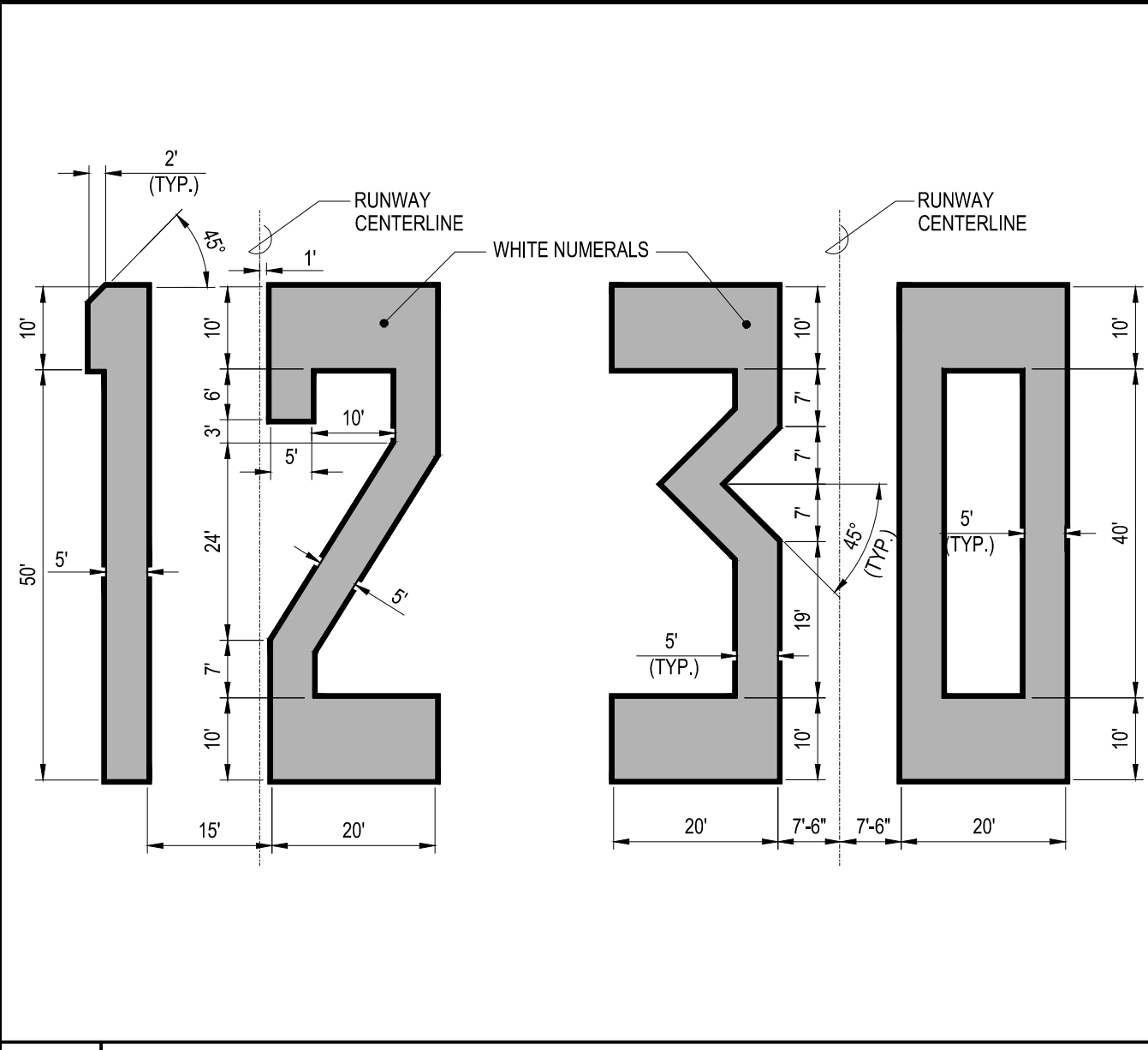
COUNTY OF SAN MATEO
SAN CARLOS AIRPORT
RUNWAY PAVEMENT PRESERVATION
AND REHABILITATION

May 13, 2020 - 10:42am - F:\Project\16 - San Mateo County\16.002.011 - SCL Pavement Pres Design\Design\A040\Sheet Files\16002011_23_C&S-Detail.dwg

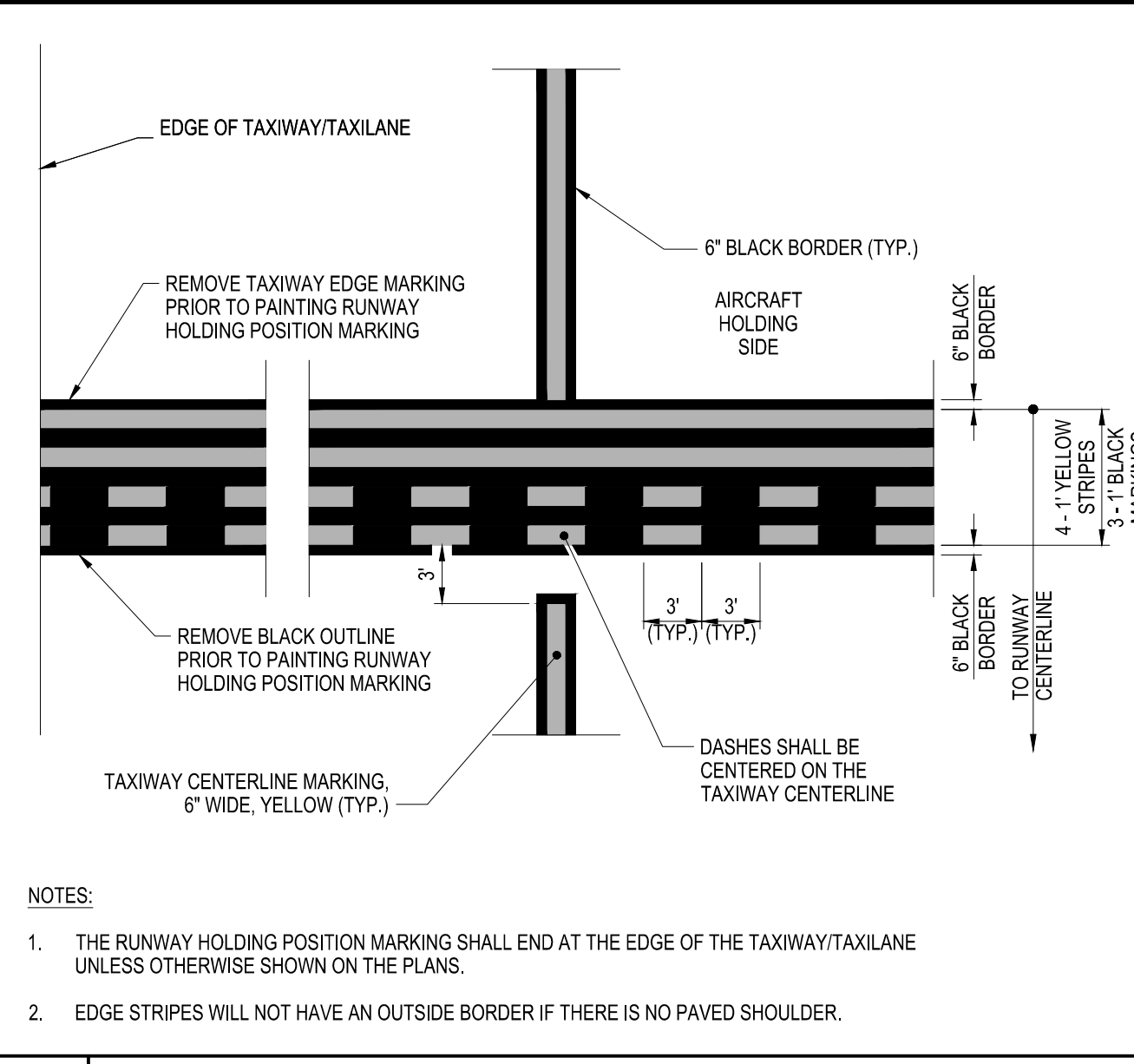
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: 116.002.011		
DATE: MAY 2020		
DRAWN BY: DM		
DESIGNED BY: DM		
CHECKED BY: TDR		

MARKING DETAILS

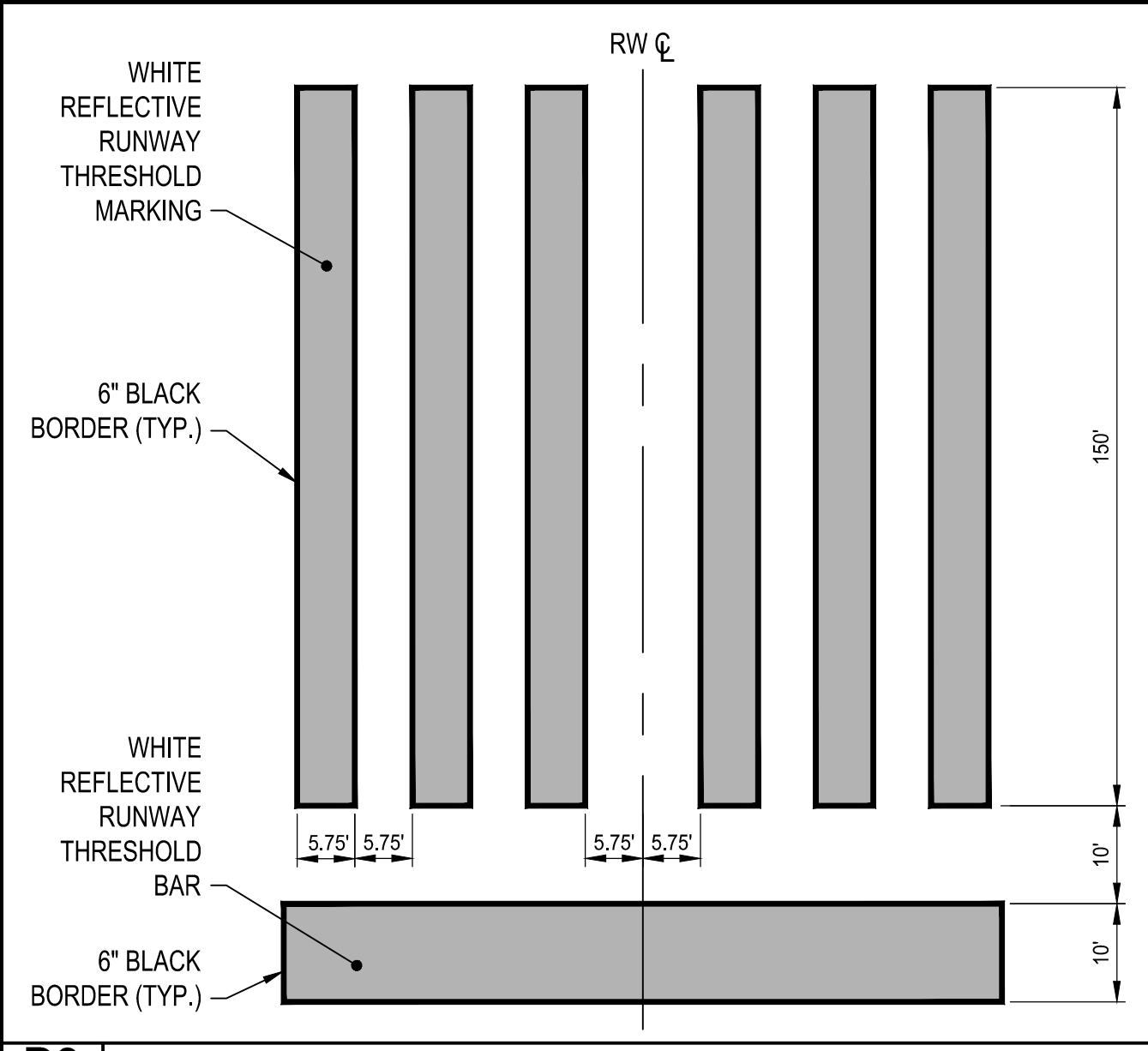
CM-501



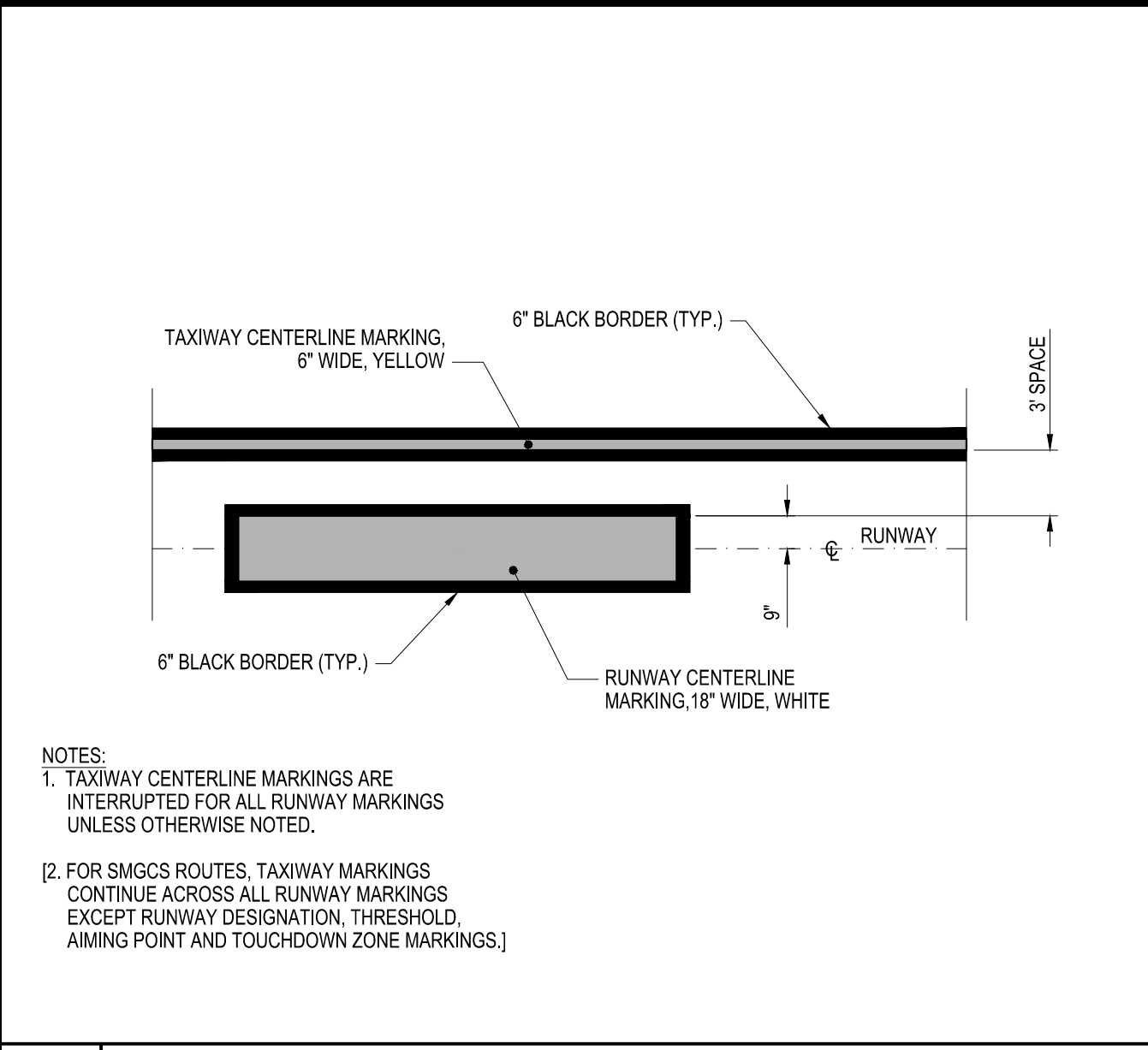
B1 RUNWAY DESIGNATOR MARKING DETAILS
NOT TO SCALE



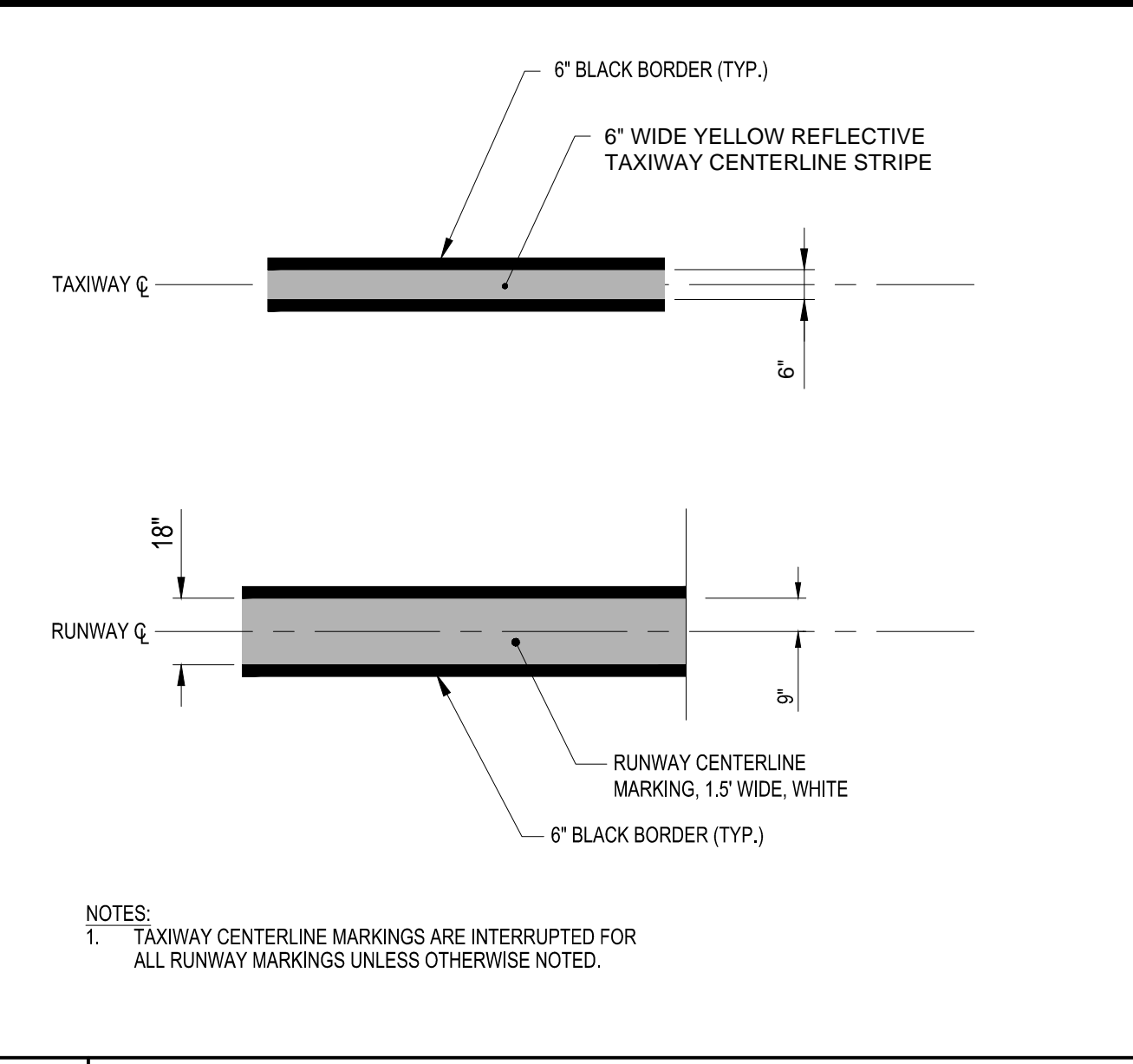
B2 HOLD BAR MARKING DETAILS
NOT TO SCALE



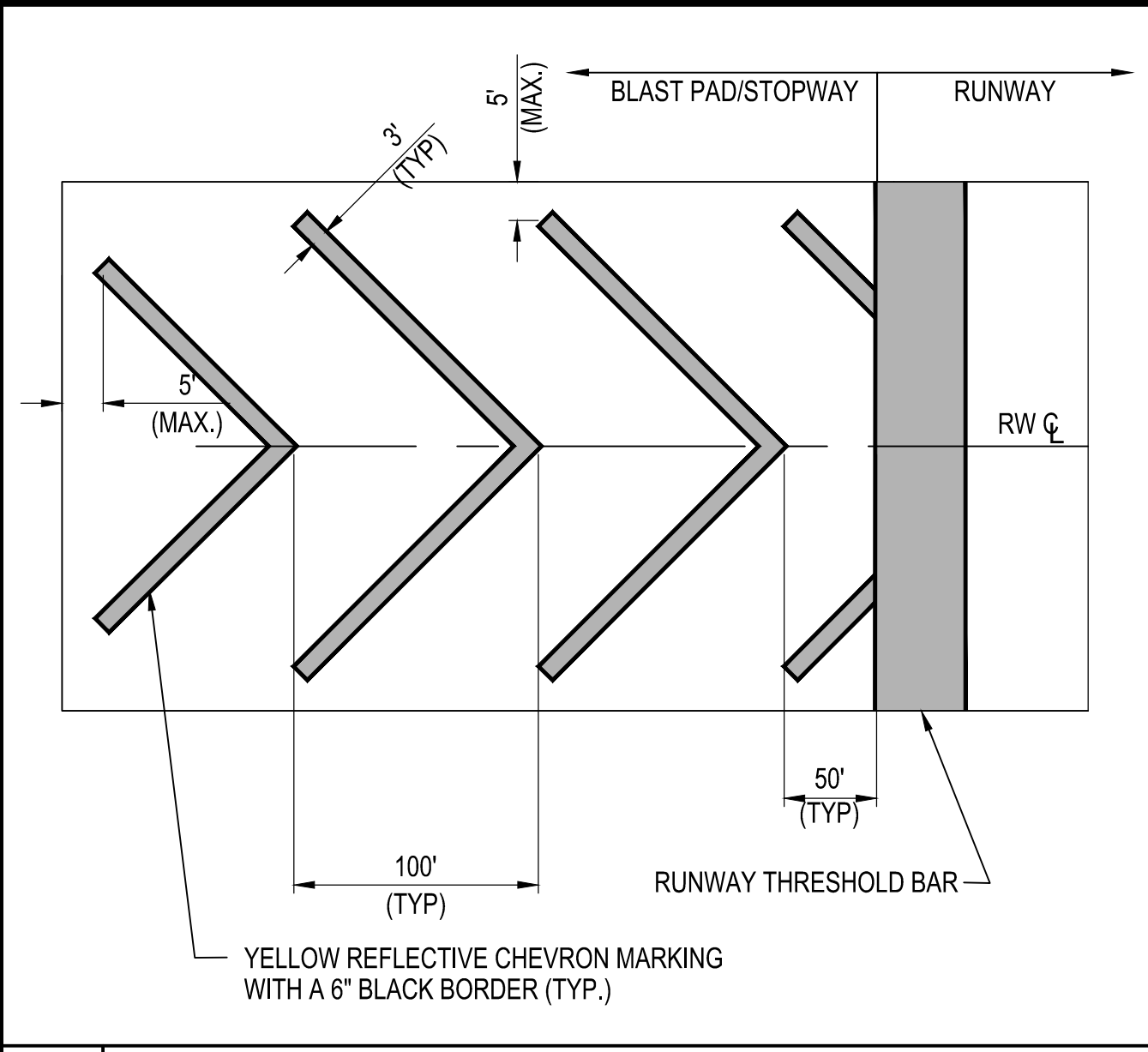
B3 RUNWAY THRESHOLD MARKING DETAIL
NOT TO SCALE



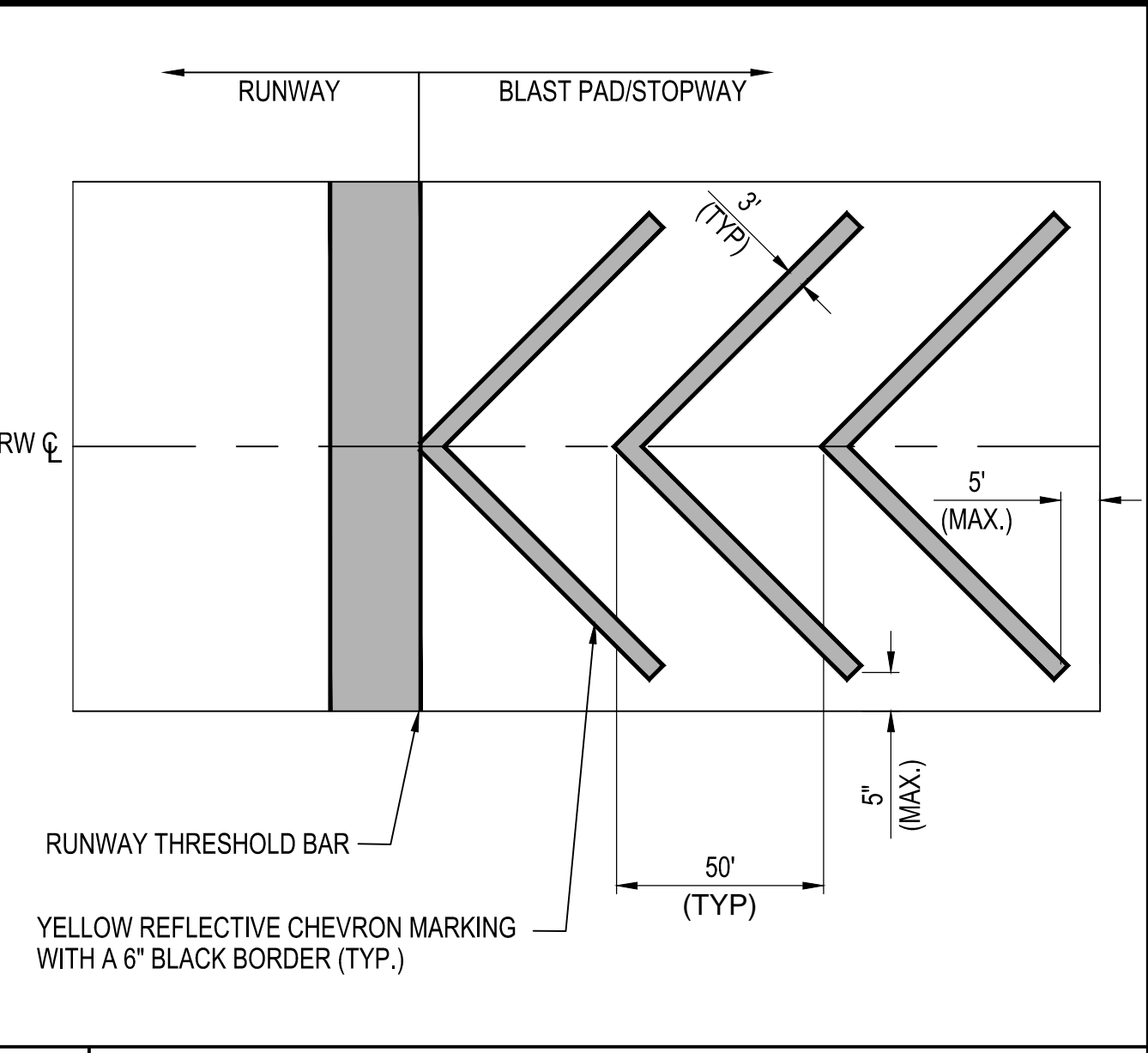
A1 RUNWAY AND TAXIWAY CENTERLINE SEPARATION DETAIL
NOT TO SCALE



A2 RUNWAY AND TAXIWAY CENTERLINE MARKING DETAIL
NOT TO SCALE



A3 RUNWAY 12 CHEVRON MARKING DETAIL
NOT TO SCALE



A4 RUNWAY 30 CHEVRON MARKING DETAIL
NOT TO SCALE