

VILLAGE OF RANTOUL RANTOUL NATIONAL AVIATION CENTER

REHABILITATION OF FBO RAMP AND TAXIWAY E PAVEMENTS; RUNWAY PAVEMENT REPAIRS

RANTOUL, ILLINOIS

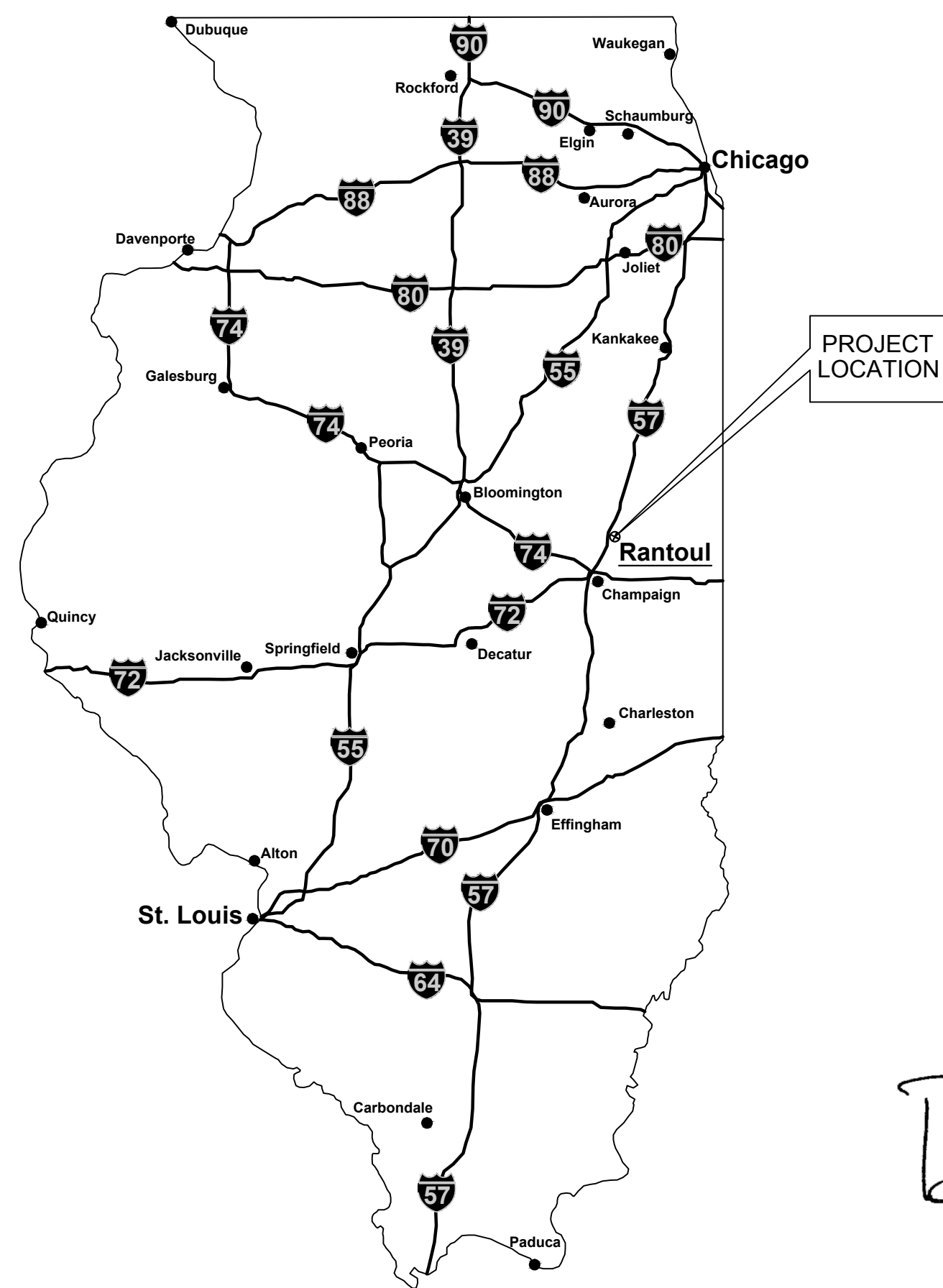
SBG PROJECT 3-17-SBGP-XX

IL PROJECT TIP-4333

Contract Drawings

MAY 8, 2015

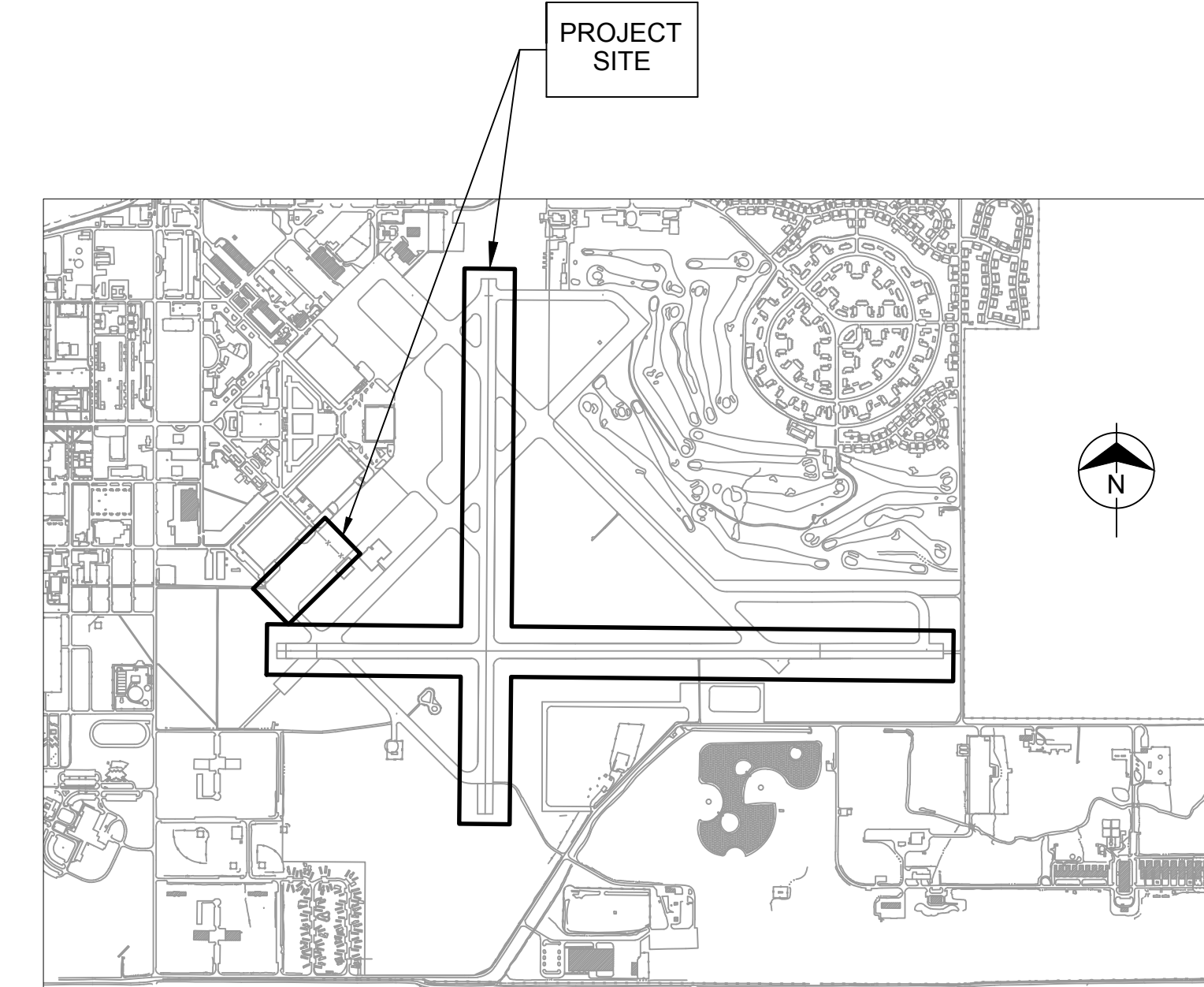
PROJECT NO. 81158



LOCATION MAP



B. J. Quinlan
5/8/15
ERA 11/30/15



SITE MAP

no.	date	by	ckd	description
1	05/08/15	JY	BJQ	ISSUED FOR BID

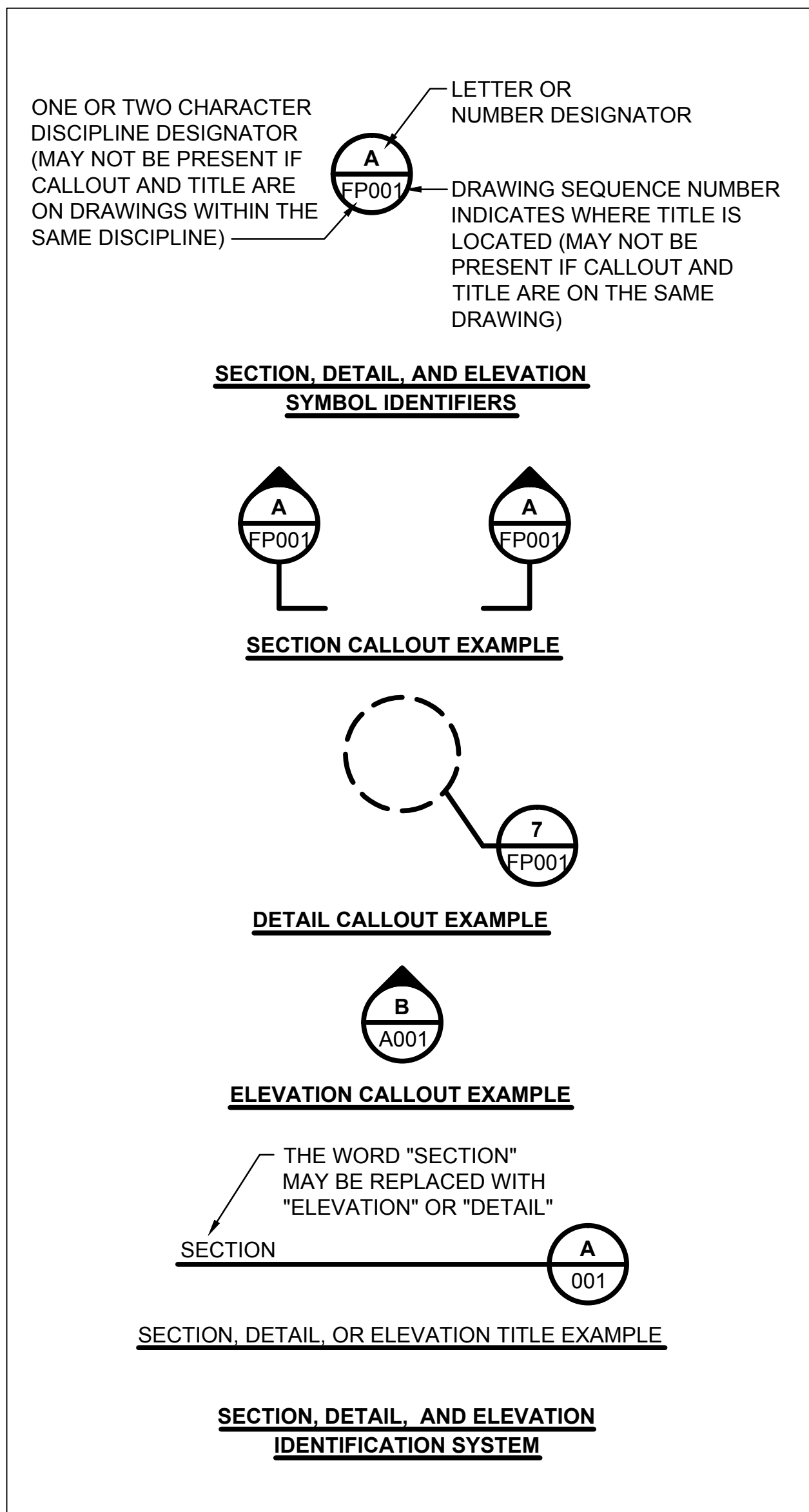
COVER

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID

INDEX OF DRAWINGS		
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16 OF 17	C5.01	TYPICAL SECTIONS
17 OF 17	C6.01	DRAINAGE AND PAVEMENT DETAILS

BASE BID SUMMARY OF QUANTITIES					
ITEM NO.	PAY ITEM NO.	DESCRIPTION	UOM	ESTIMATED QUANTITY	RECORD QUANTITY
1	AR150520	MOBILIZATION	LS	1	
2	AR150530	TRAFFIC MAINTENANCE	LS	1	
3	AR152410	UNCLASSIFIED EXCAVATION	CY	62	
4	AR156520	INLET PROTECTION	EA	5	
5	AR201661	CLEAN & SEAL BITUMINOUS CRACKS	LF	19,615	
6	AR201663	SAND MIX CRACK REPAIR	LF	1,179	
7	AR201670	CRACK CONTROL FABRIC	SY	75	
8	AR209510	CRUSHED AGGREGATE BASE COURSE	TON	476	
9	AR401610	BITUMINOUS SURFACE COURSE	TON	1,143	
10	AR401620	BITUMINOUS SURFACE COURSE, LEVELING	TON	1,333	
11	AR401650	BITUMINOUS PAVEMENT MILLING	SY	12,874	
12	AR401921	REMOVE PAVEMENT	SY	374	
13	AR510510	TIE DOWN	EA	27	
14	AR510900	REMOVE TIE DOWN	EA	27	
15	AR602510	BITUMINOUS PRIME COAT	GAL	75	
16	AR603510	BITUMINOUS TACK COAT	GAL	5,150	
17	AR608510	EXISTING ASPHALT SURFACE TREATMENT	SY	14,401	
18	AR608511	NEW ASPHALT SURFACE TREATMENT	SY	13,248	
19	AR620520	PAVEMENT MARKING - WATERBORNE	SF	3,328	
20	AR620900	PAVEMENT MARKING REMOVAL	SF	704	
21	AR705506	6" PERFORATED UNDERDRAIN	LF	230	
22	AR751980	RECONSTRUCT INLET	EA	5	

BID ALTERNATE 1 SUMMARY OF QUANTITIES					
ITEM NO.	PAY ITEM NO.	DESCRIPTION	UOM	ESTIMATED QUANTITY	RECORD QUANTITY
1	AS201670	CRACK CONTROL FABRIC	SY	7,450	



ABBREVIATIONS:

- AOA AIR OPERATIONS AREA
- AWOS AUTOMATED WEATHER OBSERVATION SYSTEM
- BM BENCHMARK
- CL CENTERLINE
- IDOT-DOA ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF AERONAUTICS
- EA EACH
- EG EXISTING GROUND
- ELEV ELEVATION
- FAA FEDERAL AVIATION ADMINISTRATION
- FG FINISHED GRADE
- FFE FINISHED FLOOR ELEVATION
- FOD FOREIGN OBJECT DEBRIS
- FT FEET
- IDOT ILLINOIS DEPARTMENT OF TRANSPORTATION
- LF LINEAR FOOT
- LS LUMP SUM
- LT LEFT
- MAX MAXIMUM
- MIN MINIMUM
- N NORTH
- NE NORTHEAST
- NO. NUMBER
- NW NORTHWEST
- NTS NOT TO SCALE
- OC ON-CENTER
- OFA OBJECT FREE AREA
- R RADIUS
- RSA RUNWAY SAFETY AREA
- RT RIGHT
- RW RUNWAY
- S SOUTH
- SCH SCHEDULE
- STA STATION
- SW SOUTHWEST
- SY SQUARE YARD
- TBM TEMPORARY BENCHMARK
- TSA TAXILANE/TAXIWAY SAFETY AREA
- TW TAXIWAY
- TYP TYPICAL
- UG UNDERGROUND
- UON UNLESS OTHERWISE NOTED
- VERT VERTICAL
- W WEST

KEY MAP



date 12/12/14	detailed J. YAHYA
designed J. YAHYA	checked B. QUINLAN



RAMP REHABILITATION	
INDEX OF DRAWINGS, SUMMARY OF QUANTITIES AND ABBREVIATIONS	
project 81158	contract RA015
drawing G1.01	rev. 0
sheet 2 of 17 sheets	file 81158_G1.01_INDEX.DWG

DESCRIPTION OF WORK:

BASE BID WORK DESCRIPTION
 THE SCOPE OF WORK IN THE BASE BID INCLUDES THE MILLING AND ASPHALT OVERLAY OF TAXIWAY E, TAXILANE 1, AND FBO RAMP. THE FBO RAMP, THE RAMP SHOULDERS, TAXILANE 1 AND TAXILANE 2 ARE TO BE SEAL COATED AFTER CRACK REPAIR AND OVERLAY HAVE BEEN COMPLETED. THE RAMP ALSO INCLUDES FIVE INLETS WHICH WILL BE RECONSTRUCTED AND RETRO-FITTED WITH PERFORATED UNDER DRAINS. ADDITIONALLY, EXISTING TIE DOWNS ARE TO BE REMOVED AND NEW TIE DOWNS WILL BE INSTALLED AS LOCATED IN THE CONTRACT DRAWINGS. FINALLY, ALL RESURFACED AND SEAL COATED AREAS WILL NEED TO BE PREPPED AND RE-MARKED.

BID ALTERNATE 1 WORK DESCRIPTION
 THE SCOPE OF WORK IN BID ALTERNATE 1 INCLUDES PLACEMENT OF AN ADDITIONAL 7,450 SY OF CRACK CONTROL FABRIC (ITEM AR201670) ON THE AREA OF RAMP PAVEMENT DESIGNATED FOR BITUMINOUS PAVEMENT MILLING AND OVERLAY. ALL OTHER QUANTITIES FROM THE BASE BID WILL REMAIN THE SAME. BID ALTERNATE 1 WILL BE AWARDED AT THE DISCRETION OF THE AIRPORT MANAGER.

Scale For Microfitting
Millimeters
Inches

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ACCESS AND SAFETY NOTES:

I. ACCESS AND VEHICLE PARKING:

- A. ACCESS POINT AND HAUL ROUTE FOR ALL CONTRACTOR PERSONNEL, VEHICLES AND EQUIPMENT ARE AS SHOWN ON THE ACCESS, SAFETY AND PHASING PLAN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS AND COORDINATE OFF SITE HAUL ROUTES WITH THE APPROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE HAUL ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. HAUL ROUTES ARE TO REMAIN CLEAN AT ALL TIMES.
- B. CONTRACTOR SHALL PROVIDE AND INSTALL A PROFESSIONALLY PAINTED SIGN MEETING AIRPORT MANAGER APPROVAL AT THE CONSTRUCTION ENTRANCE TO DIRECT MATERIAL SUPPLIERS AND EMPLOYEES TO THE CONSTRUCTION SITE. THE SIGN SHALL READ "CONSTRUCTION VEHICLES ONLY - NO VENDORS ALLOWED".
- C. ALL CONTRACTOR VEHICLES AND PERSONNEL SHALL REMAIN WITHIN THE DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES. NO CONTRACTOR VEHICLES WILL BE ALLOWED ON OTHER AIRFIELD OPERATIONS AREAS.
- D. THE LIMITS OF CONSTRUCTION, MATERIAL STORAGE AREAS, EQUIPMENT STORAGE AREA, PARKING AREA AND OTHER AREAS DEFINED AS REQUIRED FOR THE CONTRACTOR'S EXCLUSIVE USE DURING CONSTRUCTION SHALL BE MARKED BY THE CONTRACTOR. TEMPORARY BARRICADES, FLAGGING AND FLASHING WARNING LIGHTS WILL BE REQUIRED AT CRITICAL ACCESS POINTS. TYPE OF MARKING AND WARNING DEVICES SHALL BE APPROVED BY THE ENGINEER AND AIRPORT MANAGER.
- E. ALL ACCESS GATES SHALL BE KEPT CLOSED DURING CONTRACTOR'S WORK HOURS. THE CONTRACTOR SHALL CLOSE AND LOCK ACCESS GATE AT THE COMPLETION OF EACH WORK DAY. AIRPORT MANAGER WILL PROVIDE LOCK AND KEYS FOR ACCESS GATE.

II. COORDINATION AND COMMUNICATION DURING CONSTRUCTION:

- A. CONTRACTOR SHALL ADVISE AND THEN VERIFY WITH RESIDENT ENGINEER 72 HOURS IN ADVANCE AS TO THE NEED FOR NOTICES TO AIRMEN (NOTAMS). NO RUNWAY, TAXIWAY OR APRON SHALL BE CLOSED WITHOUT APPROVAL FROM THE AIRPORT MANAGER AND THE RESIDENT ENGINEER.
- B. CONTRACTOR SHALL APPOINT A CONSTRUCTION SUPERINTENDENT, SUBJECT TO THE APPROVAL OF THE AIRPORT MANAGER, WHO SHALL BE PRESENT ON THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS WHILE JOB IS IN PROGRESS. THE SUPERINTENDENT SHALL BE DESIGNATED THE RESPONSIBLE CONTRACTOR'S REPRESENTATIVE WHO SHALL BE AVAILABLE ON A 24-HOUR BASIS.
- C. PRIOR TO CONSTRUCTION IN THE RESPECTIVE WORK AREAS, THE CONTRACTOR SHALL CORDON OFF THE WORK AREA AS SHOWN ON DRAWING G2.01 AND G2.03 BY USING BARRICADES AS DETAILED ON G2.01. CONTRACTOR SHALL MAINTAIN, MOVE AND REMOVE BARRICADES (AS DIRECTED) TO DELINEATE AREAS CLOSED TO AIRCRAFT TRAFFIC.
- D. PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO AIRPORT MANAGER THE NAME AND TELEPHONE NUMBER OF THE INDIVIDUAL(S) WHO WILL BE ON CALL 24 HOURS PER DAY FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING & BARRICADES.
- E. CONTRACTOR SHALL FURNISH AN AIRPORT RADIO AND CONTINUOUSLY MONITOR AIRCRAFT TRAFFIC ON AND AROUND THE AIRPORT. THE FREQUENCY FOR LOCAL TRAFFIC IS 123.0 MHZ.
- F. THE FOLLOWING CONTACT INFORMATION IS PROVIDED FOR CONTRACTOR'S USE IN CASE OF EMERGENCY:

EMERGENCY
911

RANTOUL MUNICIPAL BUILDING
(217) 893-1661

RANTOUL NATIONAL AVIATION CENTER
AIRPORT MANAGER, RUNE DUKE
(217) 892-6895, (217) 841-3787

RANTOUL PUBLIC WORKS DEPARTMENT
(ELECTRIC, GAS, WATER & SEWER)
GREG HAZEL
(217) 892-2178

VERIZON COMMUNICATIONS
JOE BIRCH
(217) 892-3338, (217) 493-7786

OTHER CONTACTS AS DIRECTED AT
PRE-CONSTRUCTION MEETING

- G. PRIOR TO THE COMPLETION OF EACH WORK DAY, ALL AIRFIELD PAVEMENT SURFACES WITHIN AND ADJACENT TO THE WORK AREA AND THOSE USED AS HAUL ROUTES SHALL BE SWEEPED CLEAN.
- H. PRIOR TO THE OPENING OF A CLOSED RUNWAY OR TAXIWAY, THE CONTRACTOR SHALL REQUEST THE ENGINEER TO SCHEDULE AN INSPECTION. NO TAXIWAY OR RUNWAY SHALL BE RE-OPENED UNTIL THE ENGINEER AND THE AIRPORT MANAGER HAS COMPLETED INSPECTION AND APPROVED THE RE-OPENING OF ACTIVE AREAS.

III. TRAFFIC CONTROL:

- A. ALL CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE MARKED WITH COMPANY PAINT DESIGNS, INSIGNIAS OR OTHER COMPANY MARKINGS, WHICH ARE CLEARLY VISIBLE. CONTRACTOR SHALL PROVIDE EACH VEHICLE WITH A FLAG ON A STAFF ATTACHED TO THE VEHICLE SO THAT THE FLAG WILL BE READILY VISIBLE. THE FLAG SHOULD BE AT LEAST 3 FOOT SQUARE, AND HAVE A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE.
- B. CONSTRUCTION EQUIPMENT SHALL HAVE AUTOMATIC SIGNALING DEVICES TO SOUND AN ALARM WHEN MOVING IN REVERSE.
- C. ONLY RUBBER Tired VEHICLES WILL BE ALLOWED ON PAVEMENT.
- D. NO PEDESTRIAN TRAFFIC OUTSIDE THE CONSTRUCTION WORK SITE WILL BE PERMITTED.
- E. ANY DAMAGE TO AIRPORT ROADS, AIRFIELD PAVEMENT, PARKING AREAS, STORAGE AREAS OR TURF AREAS DUE TO CONSTRUCTION EQUIPMENT OR CONSTRUCTION TRAFFIC SHALL BE REPAIRED TO ORIGINAL CONDITION TO THE SATISFACTION OF AND AT NO EXPENSE TO THE OWNER.
- F. ANY WORKERS AND/OR EQUIPMENT NOT IN COMPLIANCE WITH SAFETY PLAN SHALL IMMEDIATELY BE REMOVED FROM THE WORK AREA AND THEY WILL NOT BE PERMITTED TO WORK ON THE SITE THROUGHOUT THE REMAINDER OF THE PROJECT.

IV. EQUIPMENT AND STOCKPILE HEIGHT:

- A. THE MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT OPERATING IN THE AOA IS 25'. HOWEVER, EQUIPMENT MUST NOT PENETRATE THE OFZ OF ANY ACTIVE RUNWAY AS DEFINED IN FAA AC 150/5300-13, CURRENT VERSION.
- B. CONTRACTOR SHALL NOT STOCKPILE CONSTRUCTION MATERIALS, SPOILS, DEBRIS OR REFUSE IN ANY AREA WHERE SUCH STOCKPILES WOULD PENETRATE APPROACH SURFACES. STOCKPILING OF MATERIAL WITHIN THE SAFETY AREA OF AN ACTIVE RUNWAY OR TAXIWAY IS PROHIBITED.
- C. ALL STOCKPILES ADJACENT TO ACTIVE RUNWAY SAFETY AREAS OR OBSTACLE FREE ZONES SHALL BE IDENTIFIED WITH A 360 DEGREE RED OBSTRUCTION LIGHT PLACED AT THE HIGHEST POINT OF THE STOCKPILE.
- D. STOCKPILED MATERIAL SHALL BE CONTAINED IN A MANNER TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT PROP WASH OR WIND CONDITIONS. IN ADDITION, STOCKPILED MATERIAL SHALL HAVE SILT FENCE PLACED AROUND IT TO PREVENT FOD FROM MOVING ONTO THE AIRFIELD PAVEMENTS OR POLLUTING WATERCOURSES.

V. EXCAVATION AND TRENCHES:

- A. OPEN TRENCHES AND EXCAVATIONS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE BARRICADES WITH FLASHING RED LIGHTS ACCEPTABLE TO THE AIRPORT MANAGER.
- B. ALL CONSTRUCTION AREAS THAT POSE A HAZARD TO OPERATING AIRCRAFT SHALL BE PROPERLY MARKED WITH LOW-PROFILE BARRICADES.
- C. ALL BARRICADES LOCATED WITHIN OR ADJACENT TO AREAS OF AIRCRAFT OPERATION SHALL BE LOW PROFILE TYPE AS DETAILED ON G2.01.
- D. LOW PROFILE BARRICADES SHALL BE KEPT OUTSIDE THE LIMITS OF ANY ACTIVE RUNWAY SAFETY AREA OR TAXIWAY SAFETY AREA.

VI. OTHER SAFETY REQUIREMENTS:

- A. CONTRACTOR SHALL MAINTAIN SAFETY PRACTICES THAT CONFORM TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
- B. DEBRIS - WASTE AND LOOSE MATERIALS CAPABLE OF CAUSING DAMAGE TO AIRCRAFT AND HELICOPTER LANDING GEAR, PROPELLERS AND ROTORS SHALL NOT BE LEFT WITHIN ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED IMMEDIATELY.
- C. THE CONTRACTOR SHALL CONTROL BLOWING DUST FROM ANY HAUL ROUTE OR WORK AREA REGARDLESS OF SOURCE.

VII. CONTRACTOR SAFETY PLAN SUBMITTALS:

- A. CONTRACTOR SHALL FURNISH A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) THAT PROVIDES DETAILED INFORMATION REGARDING COMPLIANCE WITH THE PROJECT SAFETY PLAN IN CONJUNCTION WITH HIS/HER PROJECT SCHEDULE. CONTRACTOR SHALL PROVIDE SPCD 7 DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING. INFORMATION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING ITEMS:
 1. PROPOSED ACCESS POINTS, STAGING AREA AND HAUL ROUTES.
 2. ANY TEMPORARY MARKINGS TO BE USED.
 3. THE LOCATION AND TYPE OF BARRICADES OR OTHER TRAFFIC CONTROL DEVICES.
 4. AREAS TO WHICH CONSTRUCTION OPERATIONS WILL BE LIMITED, ALONG WITH PROPOSED MEASURES TO MINIMIZE THE POSSIBILITY OF CONTRACTOR EQUIPMENT AND/OR WORKERS ACCIDENTALLY ENTERING ANY AOA.
 5. ANY REQUESTED TEMPORARY AMENDMENTS TO THE AIRPORT SECURITY PLAN FOR SPECIAL CONDITION OR MODIFICATIONS.
- B. CONTRACTOR SPCD SHALL COMPLY WITH ALL REQUIREMENTS INDICATED IN THESE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND FAA ADVISORY CIRCULAR (AC) 150/5370-2F, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION, CURRENT EDITION.

GENERAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AND PAY FOR ALL APPLICABLE PERMITS, FEES AND LICENSES FOR CONSTRUCTION AND EQUIPMENT.
2. TRAFFIC MAINTENANCE, INCLUDING BUT NOT LIMITED TO, BARRICADES, RUNWAY CLOSURE MARKINGS, ETC SHALL BE PAID FOR UNDER PAY ITEM NO. AR150530.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONSTANT COORDINATION BETWEEN THE SUBCONTRACTORS AND THE ENGINEER. ALL CONSTRUCTION ACTIVITIES PLANNED BY THE CONTRACTOR SHALL BE REVIEWED AND APPROVED BY THE ENGINEER AND OWNER.
4. LIMITS OF WORK SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO BEGINNING WORK.
5. THERE SHALL BE NO PERMANENT WASTE SITES ON AIRPORT PROPERTY. ANY TEMPORARY WASTE AREA WILL BE APPROVED BY THE ENGINEER AND SHALL BE KEPT IN A NEAT CONDITION. THE OWNER MAY DIRECT THE CONTRACTOR TO REMOVE WASTE IF NOT PROPERLY MAINTAINED.
6. PRIOR TO COMPLETION OF THE PROJECT THE CONTRACTOR SHALL RESTORE ALL DAMAGED AREAS (NOT DESIGNATED FOR CONSTRUCTION) TO THEIR PRE-CONSTRUCTION CONDITION.
7. LOCATING, FLAGGING, AND PROTECTING THE EXISTING UTILITIES DURING THE DURATION OF THE CONSTRUCTION PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR. THE LOCATIONS OF THE EXISTING UTILITIES ON THE CONTRACT DRAWINGS WERE OBTAINED FROM EXISTING RECORDS AND NO GUARANTEE OF ACCURACY OR SUFFICIENCY FOR THIS INFORMATION IS ASSUMED BY THE OWNER OR ENGINEER. ANY DAMAGE TO ANY EXISTING UTILITIES WILL BE REPAIRED OR REPLACED TO THE SATISFACTION OF AND AT NO EXPENSE TO THE OWNER.
8. THE CONSTRUCTION COVERED BY THE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE FAA, IDOT AND IDOT-DOA.
9. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL OF THE ENGINEER.

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID

Millimeters

Scale For Microfitting

Inches

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date 12/12/2014	detailed J. YAHYA
designed J. YAHYA	checked B. QUINLAN



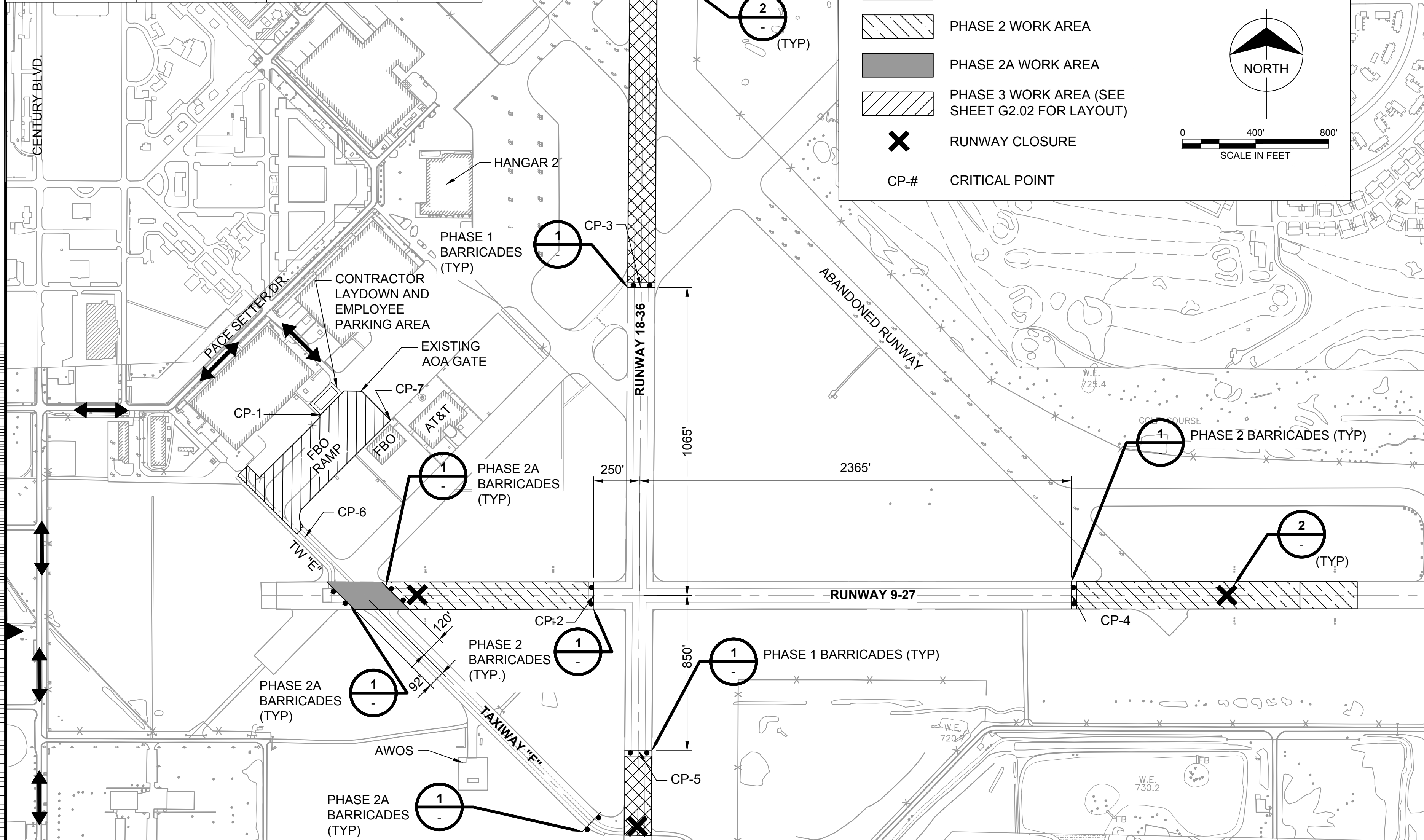
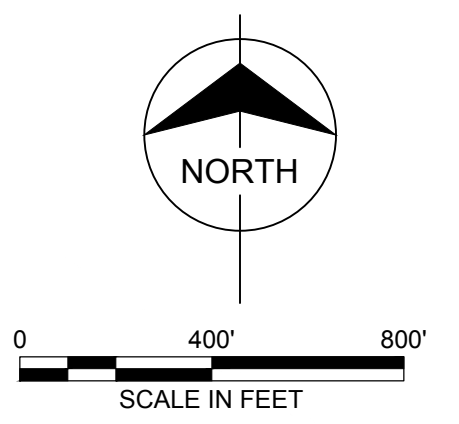
RAMP REHABILITATION
CONSTRUCTION ACCESS AND SAFETY NOTES
AND GENERAL NOTES

project 81158	contract RA015
drawing G1.02	rev. 0
sheet 3	of 17 sheets
file 81158_G1.02_NOTES.DWG	

THRESHOLD LOCATION TABLE	LATITUDE	LONGITUDE	ELEVATION
9	40° 17' 31.11841"	88° 08' 59.62096"	735.52
27	40° 17' 31.47419"	88° 07' 55.09473"	728.47
36	40° 17' 18.94840"	88° 08' 37.87045"	733.43
18	40° 18' 07.31820"	88° 08' 37.90095"	736.88

LEGEND

- CONTRACTOR ACCESS ROUTE
- LOW PROFILE BARRICADES
- PHASE 1 WORK AREA
- PHASE 2 WORK AREA
- PHASE 2A WORK AREA
- PHASE 3 WORK AREA (SEE SHEET G2.02 FOR LAYOUT)
- RUNWAY CLOSURE
- CP-# CRITICAL POINT



SAFETY & PHASING NARRATIVE

PHASE 1 - RW 9-27, TW E, TW F AND FBO RAMP OPEN
 RW 18-36 CLOSED (DAYTIME ONLY)
 DURATION: 3 CALENDAR DAYS
 MAJOR WORK ITEMS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 - PLACE, MAINTAIN AND REMOVE RUNWAY CLOSURE X'S
 - JOINT/CRACK ROUTING, CLEANING AND SEALING.
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

PHASE 2 - RW 18-36, TW E, TW F AND FBO RAMP OPEN
 RW 9-27 CLOSED (DAYTIME ONLY)
 DURATION: 3 CALENDAR DAYS
 MAJOR WORK ITEMS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 - PLACE, MAINTAIN AND REMOVE RUNWAY CLOSURE X'S
 - JOINT/CRACK ROUTING, CLEANING AND SEALING.
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

PHASE 2A - RW 9-27, TW E AND TW F CLOSED (DAYTIME ONLY)
 RW 18-36 AND FBO RAMP OPEN
 DURATION: 1 CALENDAR DAY
 MAJOR WORK ITEMS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 - PLACE AND MAINTAIN RUNWAY CLOSURE X'S/REMOVE CLOSURE X'S
 - JOINT/CRACK ROUTING, CLEANING AND SEALING.
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

PHASE 3:
PHASE 3A - RW 9-27, RW 18-36, TW E, TW F AND TAXILANE 2 OPEN
 SOUTH PORTION OF FBO RAMP AND TAXILANE 1 CLOSED (DAY AND NIGHT)
 DURATION: 10 CALENDAR DAYS
 MAJOR WORK ITEMS:
 - BITUMINOUS PAVEMENT MILLING
 - INSTALL CRACK CONTROL FABRIC
 - ASPHALT PAVING
 SAFETY REQUIREMENTS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

PHASE 3B - RW 9-27, RW 18-36, TW E, TW F AND TAXILANE 1 OPEN
 NORTH AND EAST PORTION OF FBO RAMP AND TAXILANE 2 CLOSED (DAY AND NIGHT)
 DURATION: 20 CALENDAR DAYS
 MAJOR WORK ITEMS:
 - INLET RECONSTRUCTION
 - TIE DOWN REMOVAL
 - BITUMINOUS PAVEMENT MILLING
 - INSTALL CRACK CONTROL FABRIC
 - ASPHALT PAVING
 - TIE DOWN INSTALLATION
 SAFETY REQUIREMENTS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

PHASE 3C - RW 9-27, RW 18-36 AND TW F OPEN
 FBO RAMP AND TW E CLOSED (DAY AND NIGHT)
 DURATION: 5 CALENDAR DAYS
 MAJOR WORK ITEMS:
 - BITUMINOUS PAVEMENT MILLING
 - INSTALL CRACK CONTROL FABRIC
 - ASPHALT PAVING
 SAFETY REQUIREMENTS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

PHASE 3D - RW 9-27, RW 18-36 AND TW F OPEN
 TW E AND PORTIONS OF FBO RAMP SHALL BE CLOSED INTERMITTENTLY PER COORDINATION WITH RESIDENT ENGINEER (DAYTIME ONLY)
 DURATION: 10 CALENDAR DAYS
 MAJOR WORK ITEMS:
 - PAVEMENT MARKING REMOVAL
 - JOINT/CRACK ROUTING, CLEANING AND SEALING.
 - SURFACE SEAL COATING
 - SURFACE PREPARATION AND PAVEMENT MARKING PLACEMENT
 SAFETY REQUIREMENTS:
 - PLACE AND MAINTAIN BARRICADES / REMOVE BARRICADES
 GENERAL SAFETY REQUIREMENTS:
 - REFER TO ACCESS AND SAFETY NOTES ON DRAWING G1.02

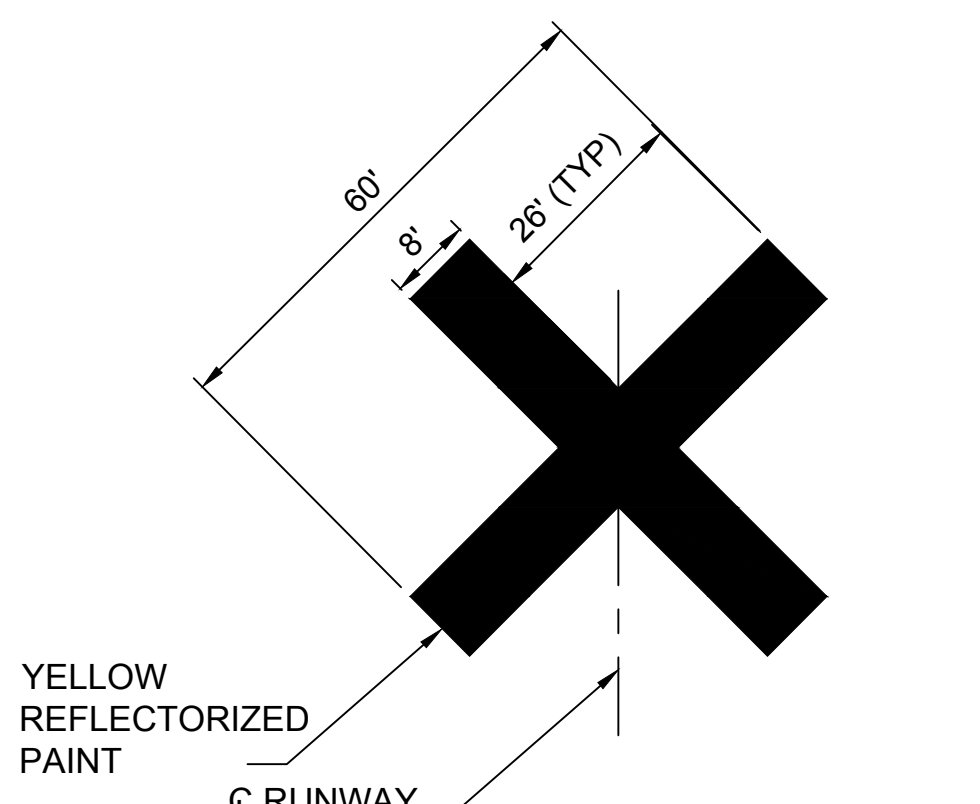
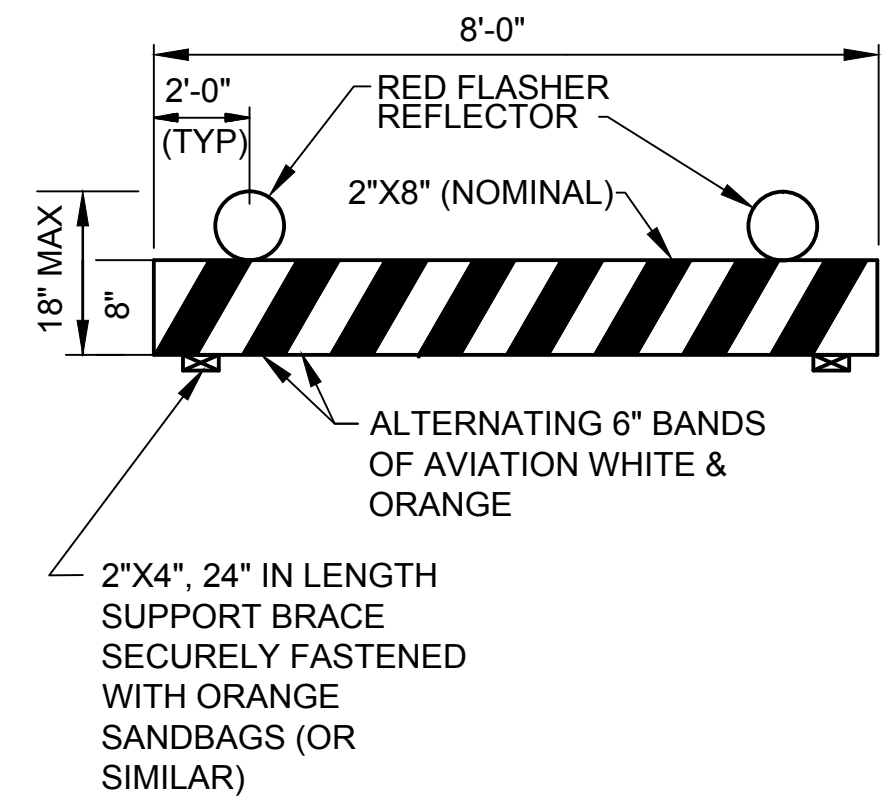
TIME OF COMPLETION SCHEDULE

DESCRIPTION	DURATION (CALENDAR DAYS)	10	20	30	40	50	60
MOBILIZATION	10						
PHASE 1	3						
PHASE 2	3						
PHASE 2A	1						
PHASE 3A	10						
PHASE 3B	20						
PHASE 3C	5						
PHASE 3D	10						

- NOTES:**
- TOTAL CONTRACT DURATION IS 55 CALENDAR DAYS.
 - NO WORK WILL BE ALLOWED PRIOR TO AUGUST 3, 2015.
 - THE SCOPE OF WORK IN PHASE 3C SHALL BE PERFORMED BETWEEN 8/24/2015 AND 8/28/2015.
 - CONTRACTOR'S WORK WILL BE LIMITED TO PHASE 3C FROM 8/25/15 TO 9/1/15 DUE TO THE I&I ANTIQUE TRACTOR SHOW.

CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	ELEVATION	MAX. EQUIP HEIGHT
CP-1	40° 17' 40.90"	88° 09' 00.46"	734.20'	25'
CP-2	40° 17' 31.20"	88° 08' 41.11"	734.00'	25'
CP-3	40° 17' 47.90"	88° 08' 37.89"	736.00'	25'
CP-4	40° 17' 31.40"	88° 08' 07.37"	728.00'	25'
CP-5	40° 17' 22.84"	88° 08' 37.88"	732.00'	25'
CP-6	40° 17' 34.24"	88° 09' 01.52"	736.34'	25'
CP-7	40° 17' 40.61"	88° 08' 55.54"	734.00'	25'



LOW PROFILE BARRICADE
 DETAIL NOT TO SCALE

FAA RUNWAY CLOSED SYMBOL
 DETAIL NOT TO SCALE

NOTE:
 CLOSED RUNWAY CROSS TO BE CONSTRUCTED OF PLYWOOD, DOUBLE-LAYERED PAINTED SNOW FENCE, COLORED PLASTIC, OR SIMILAR MATERIAL APPROVED BY ENGINEER. CROSS SHALL BE CONSTRUCTED FOR TEMPORARY USE AND EASY REMOVAL, AND NOT SUBJECT TO MOVEMENT BY WIND. ANCHOR WITH SAND BAGS AS REQUIRED. CROSS SHALL BE PLACED OVER RUNWAY NUMERALS.

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID

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date: 12/12/2014
 detailed: J. YAHYA

designed: J. YAHYA
 checked: B. QUINLAN

Rantoul

RAMP REHABILITATION
 CONSTRUCTION ACCESS, SAFETY AND PHASING PLAN

project: 81158 | contract: RA015

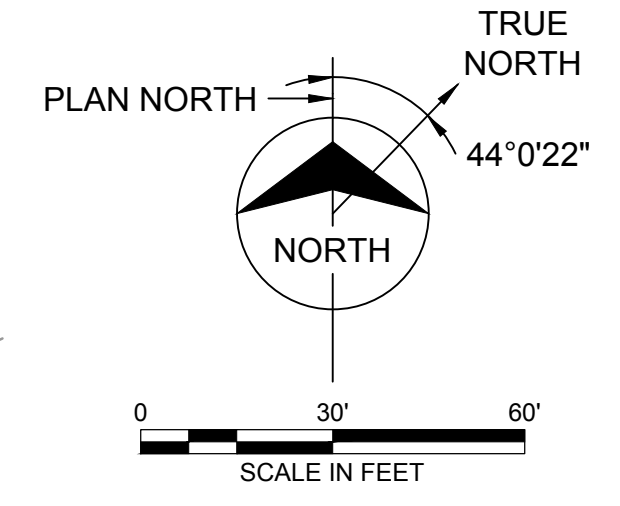
drawing: **G2.01** - 0 rev.

sheet: 4 of 17 sheets
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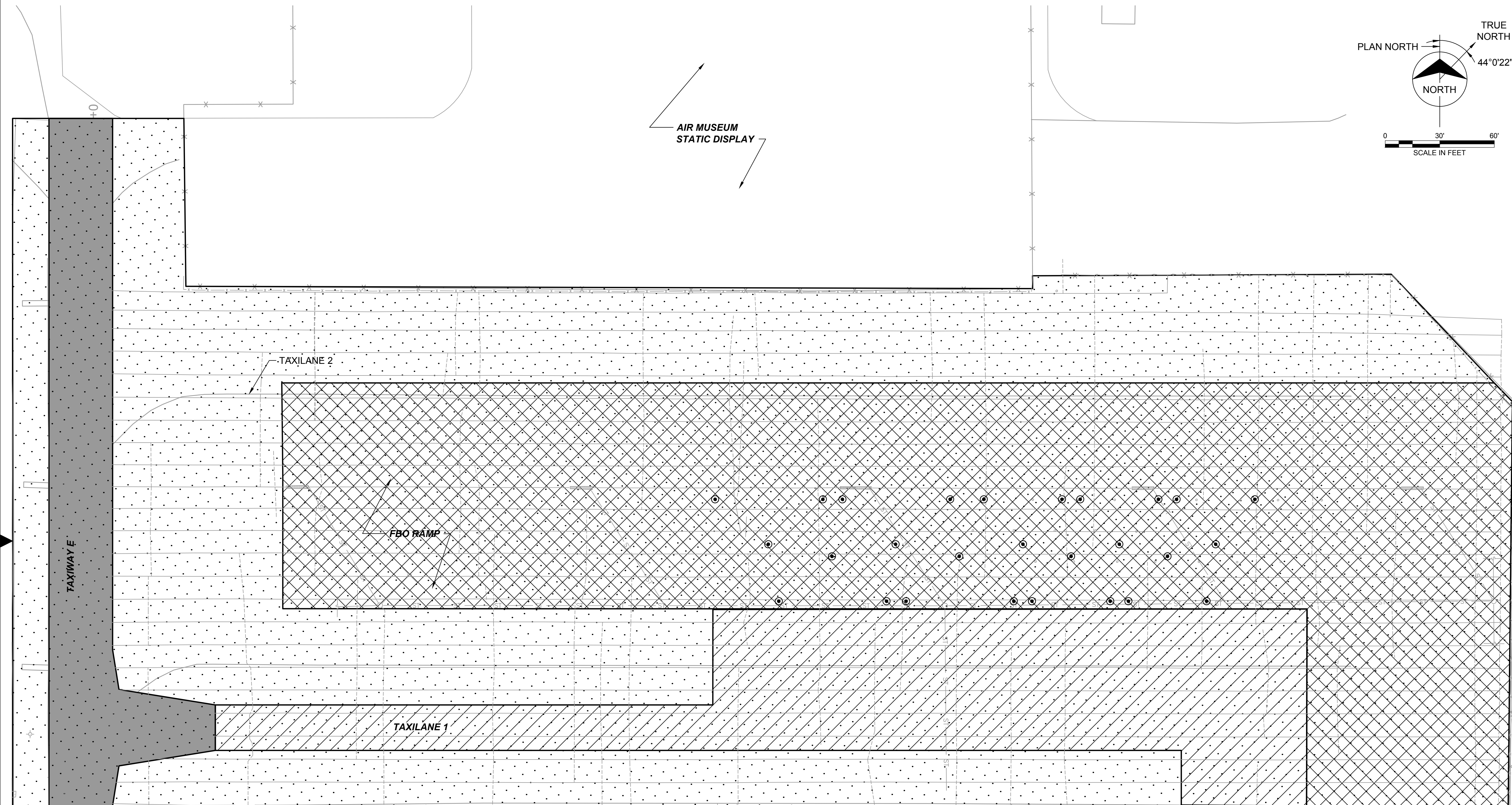
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no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID



AIR MUSEUM
STATIC DISPLAY

Scale For Microfitting
Millimeters
Inches



NOTES:
1. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND AIRPORT MANAGER TO DESIGNATE THE WORK AREAS, BARRICADE PLACEMENT, AND AIRCRAFT TAXI ROUTES FOR THE VARIOUS WORK LOCATIONS WITHIN PHASE 3D A MINIMUM OF 72 HOURS IN ADVANCE.

LEGEND:

	PHASE 3A WORK AREA
	PHASE 3B WORK AREA
	PHASE 3C WORK AREA
	PHASE 3D WORK AREA



date	12/12/2014	detailed	A. BUDNIK
designed	J. YAHYA	checked	B. QUINLAN

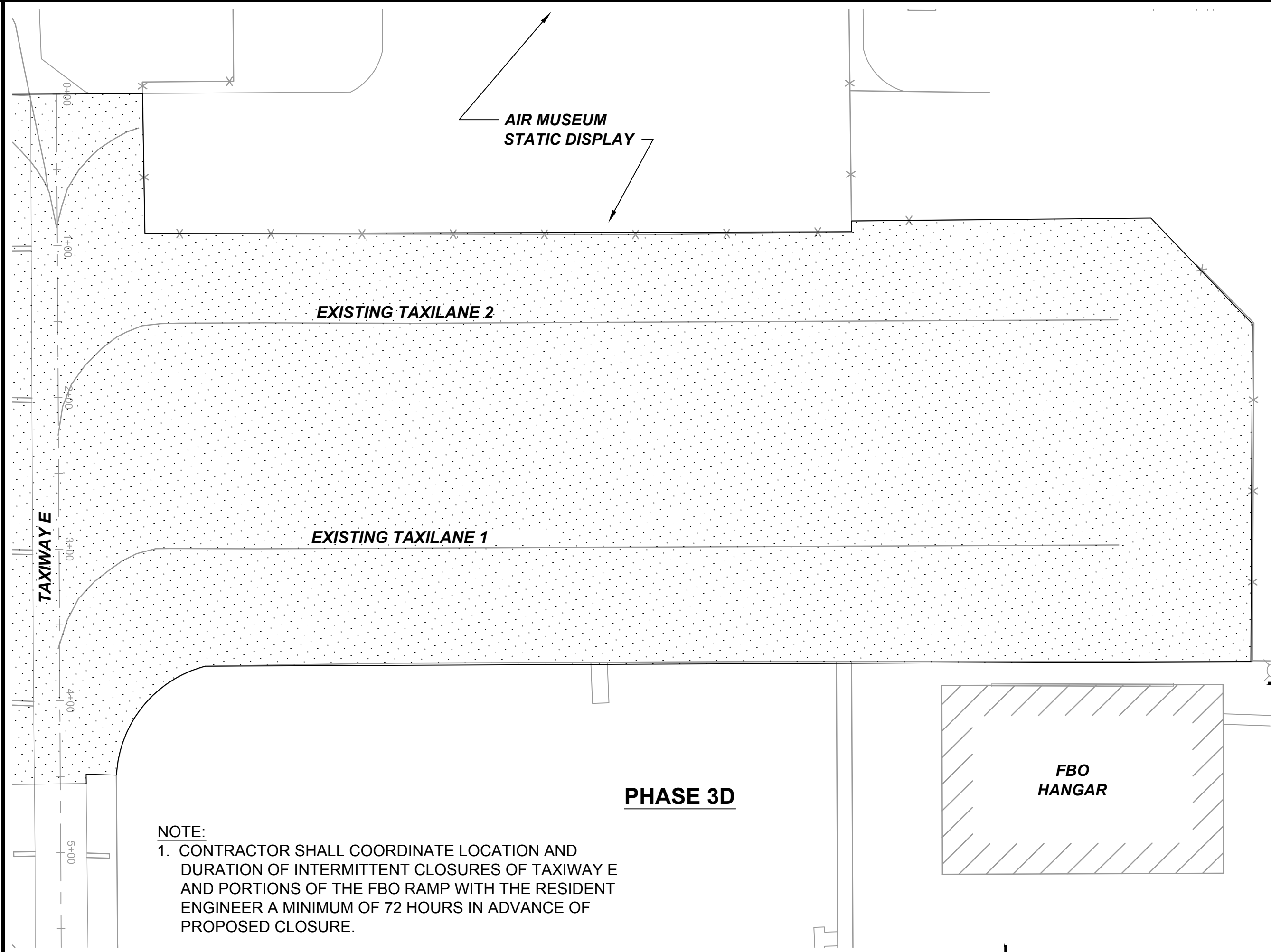
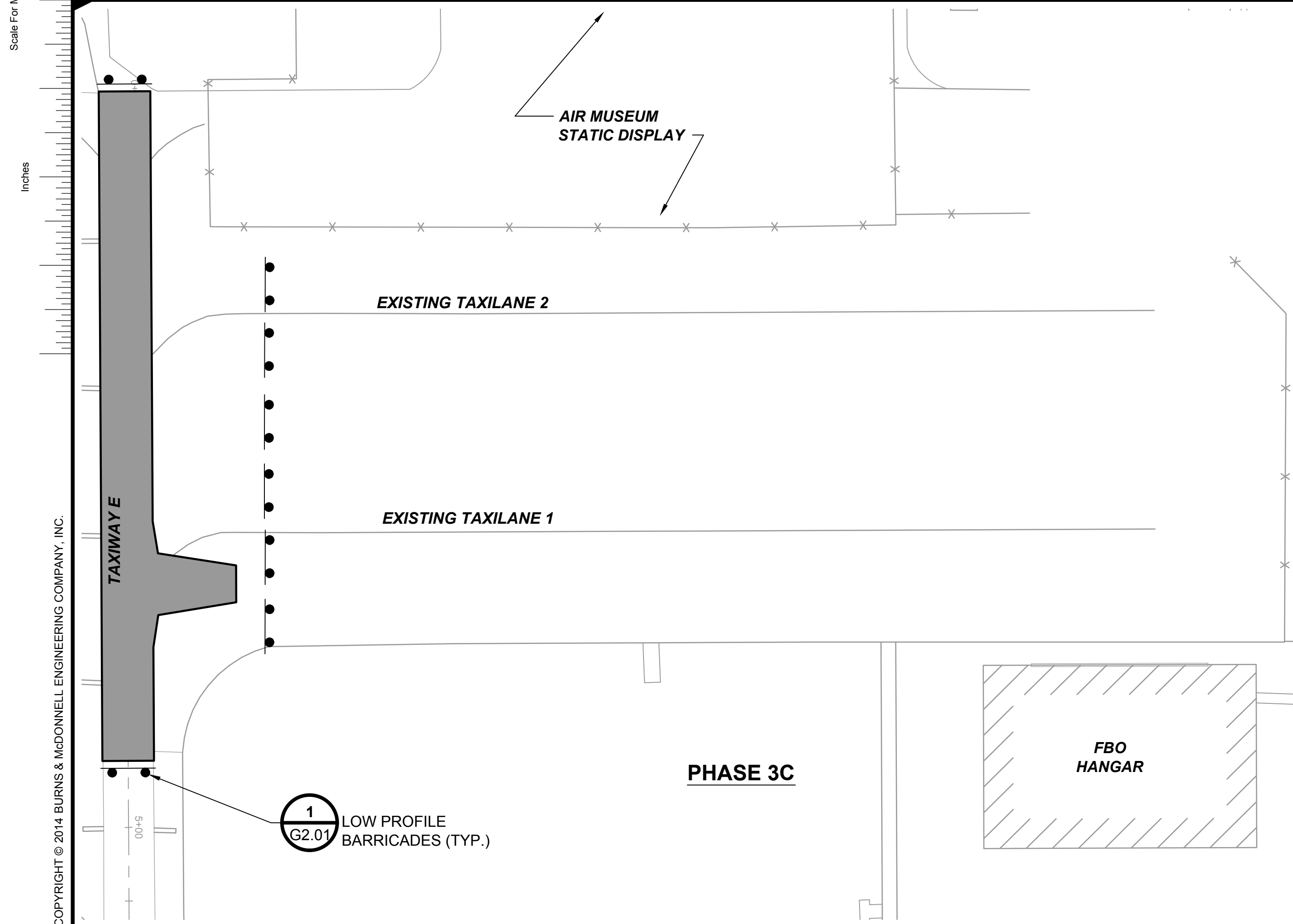
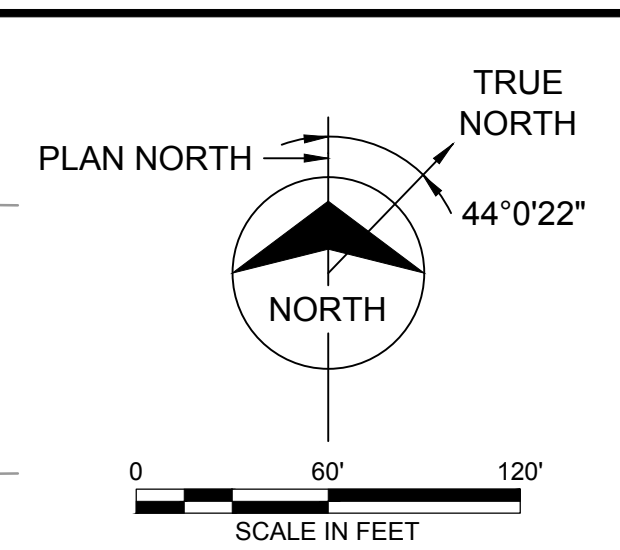
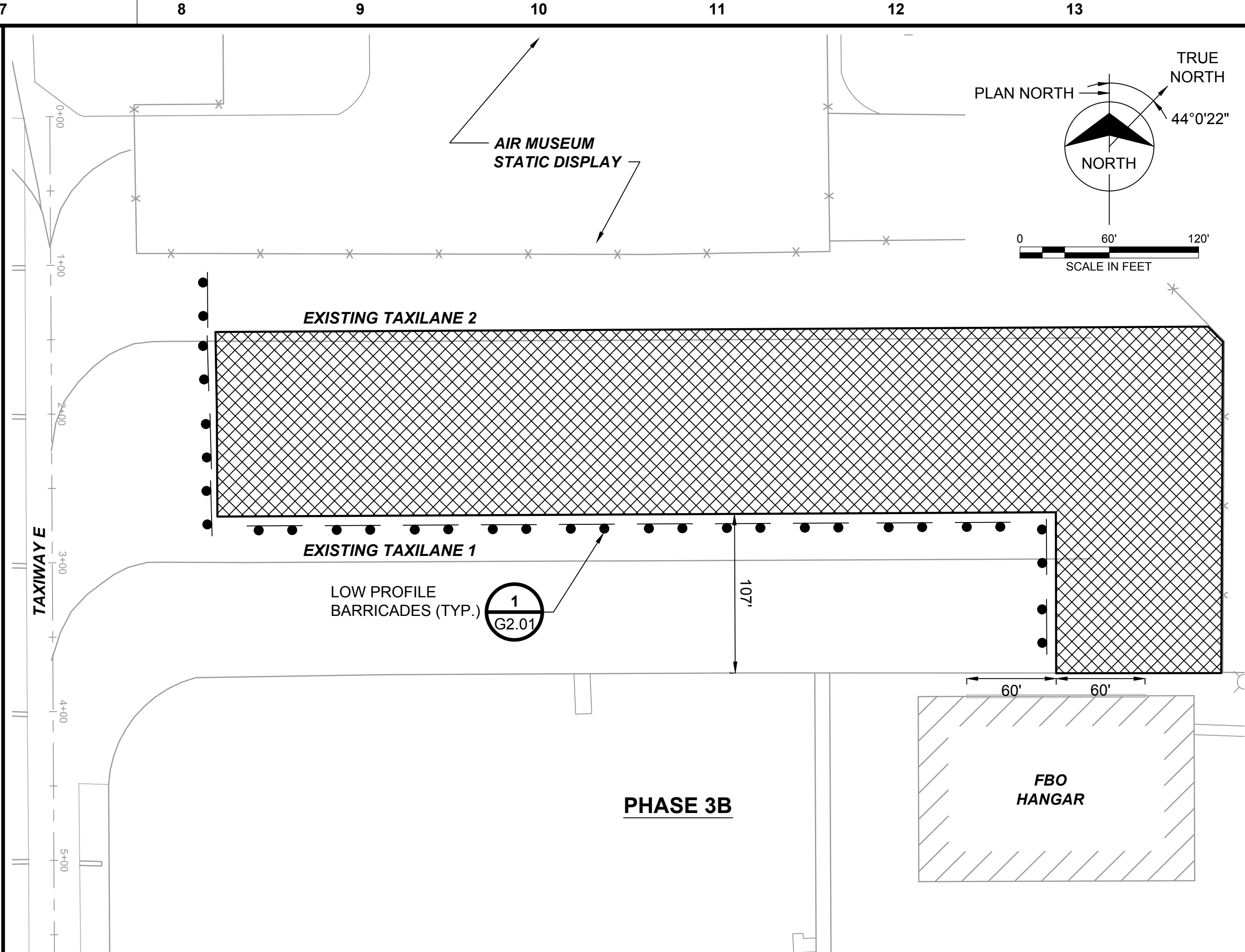
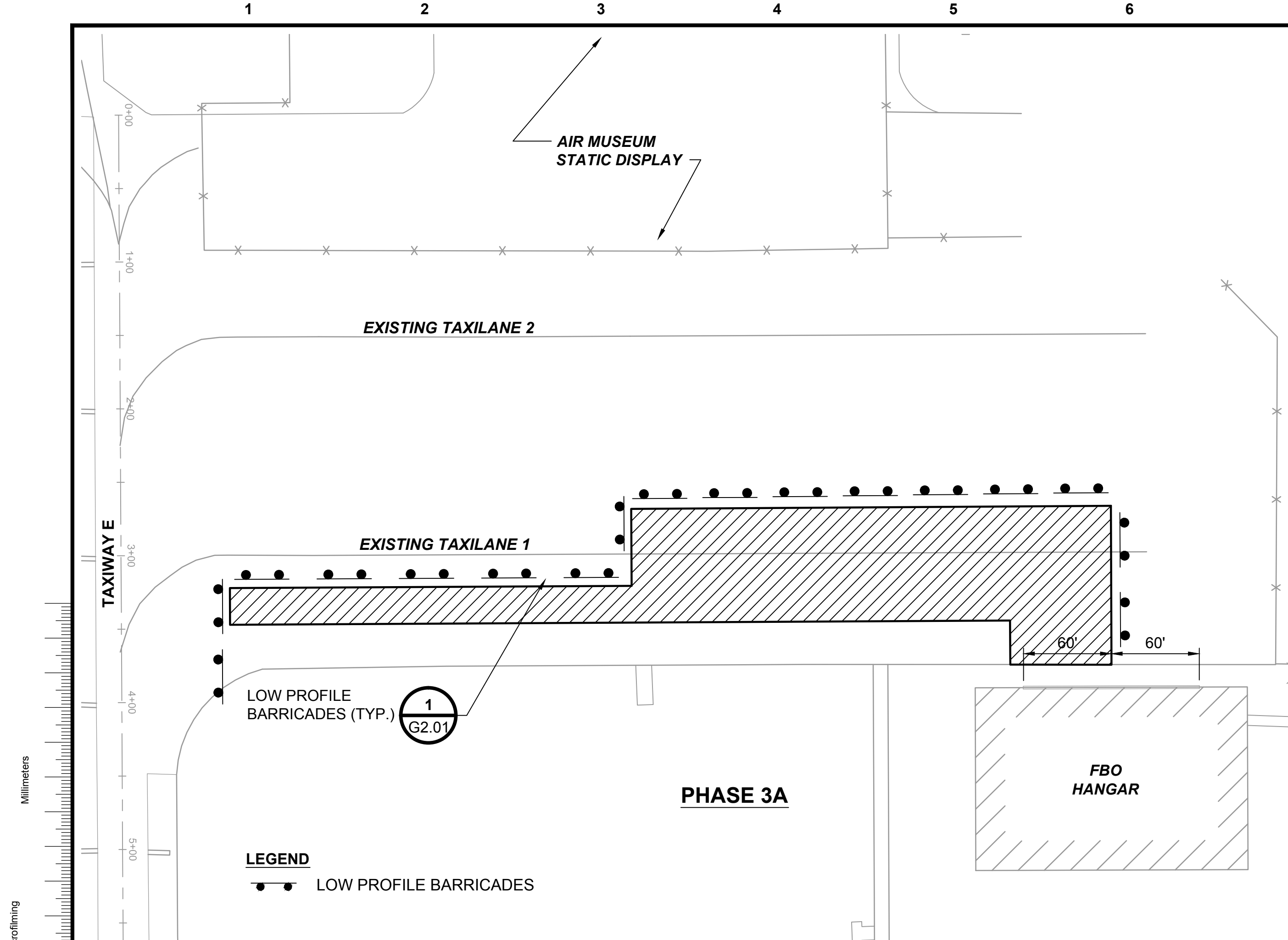


RAMP REHABILITATION
RAMP PHASING
PLAN 1

project	81158	contract	RA015
drawing	G2.02		rev. 0

sheet	5	of	17	sheets
file	81158_G2.02_RAMP PHASING-1.DWG			

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NOTE:
 1. CONTRACTOR SHALL COORDINATE LOCATION AND DURATION OF INTERMITTENT CLOSURES OF TAXIWAY E AND PORTIONS OF THE FBO RAMP WITH THE RESIDENT ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF PROPOSED CLOSURE.

no.	date	by	ckd	description
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RAMP REHABILITATION
 RAMP PHASING
 PLAN 2

project	81158	contract	RA015
drawing	G2.03		rev. 0
sheet	6	of	17 sheets
file	81158_G2.03_RAMP PHASING-2.DWG		

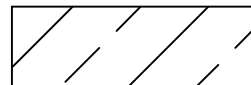







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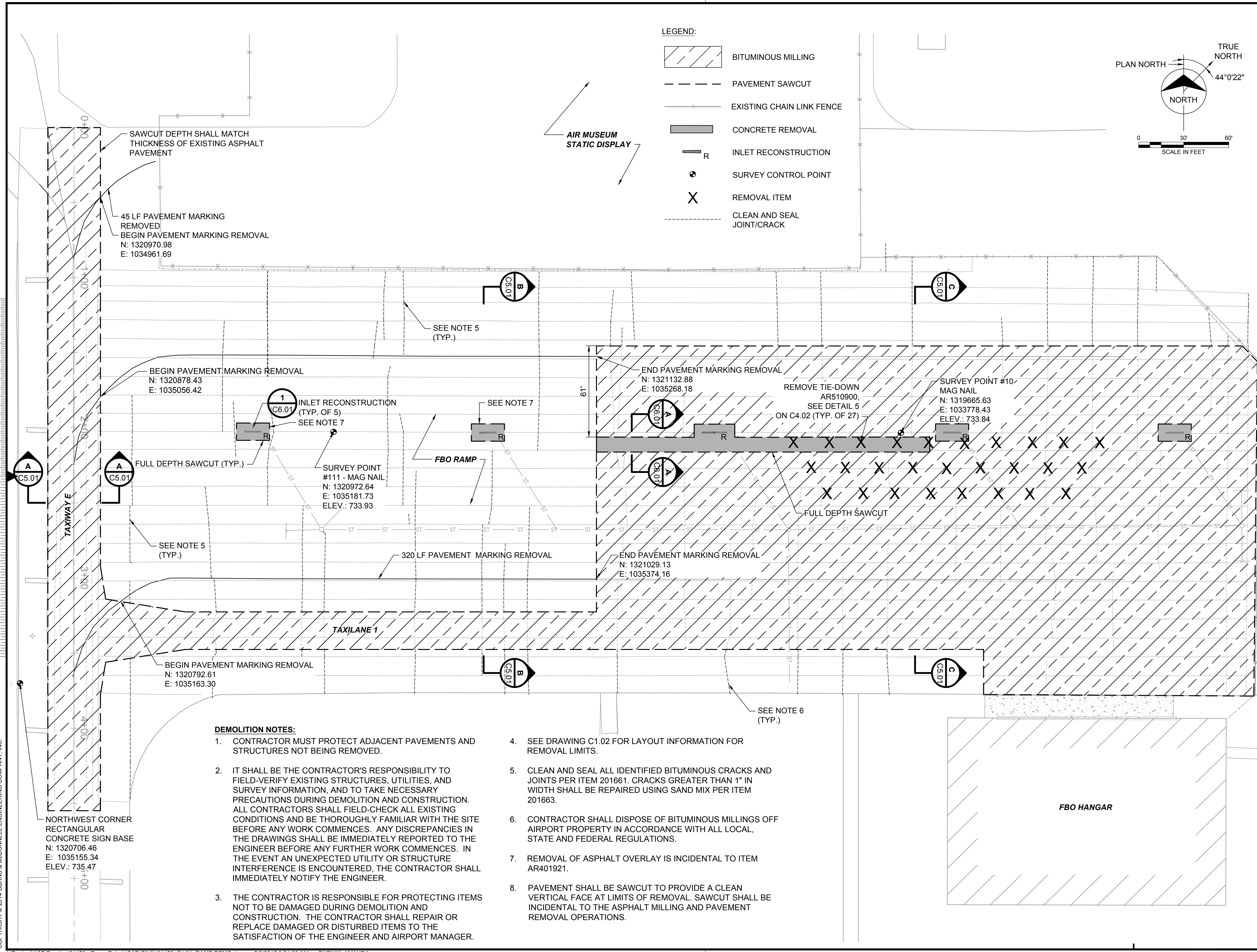
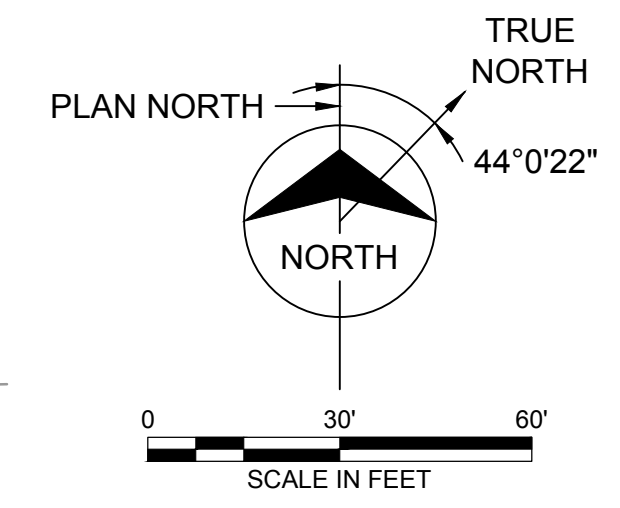
Scale For Microfitting

Millimeters

Inches

LEGEND:

	BITUMINOUS MILLING
	PAVEMENT SAWCUT
	EXISTING CHAIN LINK FENCE
	CONCRETE REMOVAL
	INLET RECONSTRUCTION
	SURVEY CONTROL POINT
	REMOVAL ITEM
	CLEAN AND SEAL JOINT/CRACK



- DEMOLITION NOTES:**
- CONTRACTOR MUST PROTECT ADJACENT PAVEMENTS AND STRUCTURES NOT BEING REMOVED.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD-VERIFY EXISTING STRUCTURES, UTILITIES, AND SURVEY INFORMATION, AND TO TAKE NECESSARY PRECAUTIONS DURING DEMOLITION AND CONSTRUCTION. ALL CONTRACTORS SHALL FIELD-CHECK ALL EXISTING CONDITIONS AND BE THOROUGHLY FAMILIAR WITH THE SITE BEFORE ANY WORK COMMENCES. ANY DISCREPANCIES IN THE DRAWINGS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER BEFORE ANY FURTHER WORK COMMENCES. IN THE EVENT AN UNEXPECTED UTILITY OR STRUCTURE INTERFERENCE IS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ITEMS NOT TO BE DAMAGED DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED OR DISTURBED ITEMS TO THE SATISFACTION OF THE ENGINEER AND AIRPORT MANAGER.
 - SEE DRAWING C1.02 FOR LAYOUT INFORMATION FOR REMOVAL LIMITS.
 - CLEAN AND SEAL ALL IDENTIFIED BITUMINOUS CRACKS AND JOINTS PER ITEM 201661. CRACKS GREATER THAN 1" IN WIDTH SHALL BE REPAIRED USING SAND MIX PER ITEM 201663.
 - CONTRACTOR SHALL DISPOSE OF BITUMINOUS MILLINGS OFF AIRPORT PROPERTY IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
 - REMOVAL OF ASPHALT OVERLAY IS INCIDENTAL TO ITEM AR401921.
 - PAVEMENT SHALL BE SAWCUT TO PROVIDE A CLEAN VERTICAL FACE AT LIMITS OF REMOVAL. SAWCUT SHALL BE INCIDENTAL TO THE ASPHALT MILLING AND PAVEMENT REMOVAL OPERATIONS.

no.	date	by	ckd	description
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designed	J. YAHYA	checked	B. QUINLAN

VILLAGE Rantoul ILLINOIS

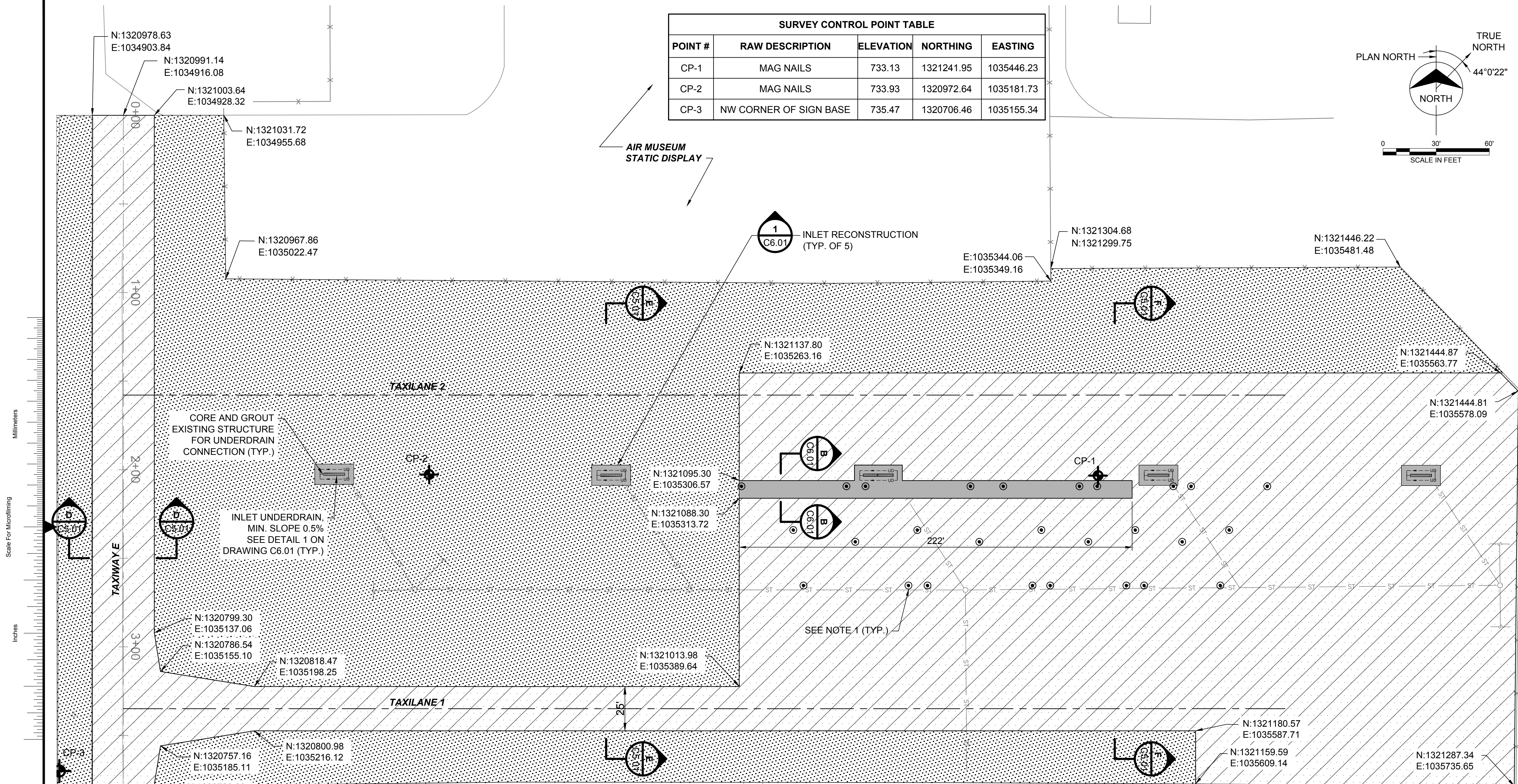
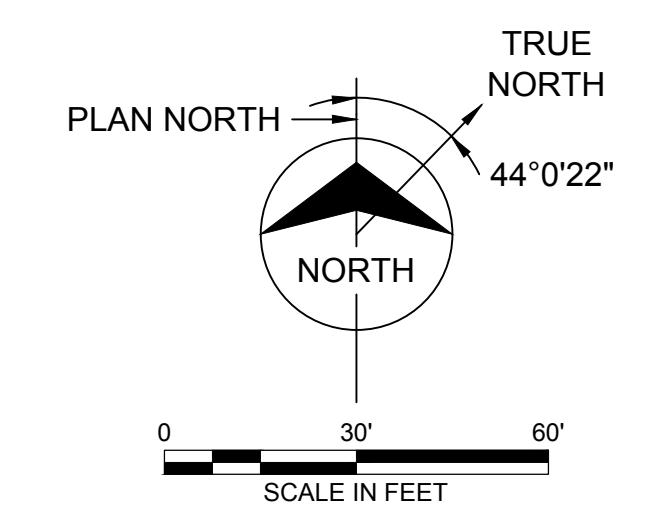
RAMP REHABILITATION
RAMP DEMOLITION PLAN

project	81158	contract	RA015
drawing	C1.01		rev. 0
sheet	7	of	17 sheets
file 81158_C1.01_RAMP DEMO.DWG			

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0	05/08/15	JY	BJQ	ISSUED FOR BID

SURVEY CONTROL POINT TABLE				
POINT #	RAW DESCRIPTION	ELEVATION	NORTHING	EASTING
CP-1	MAG NAILS	733.13	1321241.95	1035446.23
CP-2	MAG NAILS	733.93	1320972.64	1035181.73
CP-3	NW CORNER OF SIGN BASE	735.47	1320706.46	1035155.34



Scale For Microfitting
Millimeters
Inches

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- NOTES:**
- SEE DRAWING C4.01 FOR TIE DOWN LAYOUT INFORMATION.
 - DILUTION RATE OF EMULSIFIED ASPHALT SEAL COAT SHALL BE 1:1. THE APPLICATION RATE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS BUT SHALL BE VERIFIED BY A MANUFACTURER'S REPRESENTATIVE.
 - SURFACE TREATMENT OF EXISTING PAVEMENT SHALL BE PAID FOR UNDER ITEM AR608510.
 - SURFACE TREATMENT OF NEW PAVEMENT SHALL BE PAID FOR UNDER ITEM AR608511.

- LEGEND:**
- SURFACE TREATMENT OF EXISTING PAVEMENT & CRACK REPAIR
 - PAVEMENT REMOVAL AND REPLACEMENT AND SURFACE TREATMENT
 - ASPHALT MILL & OVERLAY AND SURFACE TREATMENT
 - EXISTING CHAIN LINK FENCE
 - INLET UNDERDRAIN
 - NEW AIRCRAFT TIE-DOWN
 - SURVEY CONTROL POINT

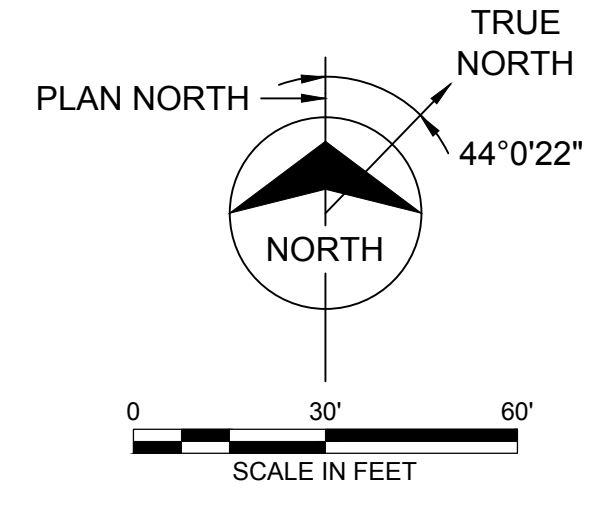


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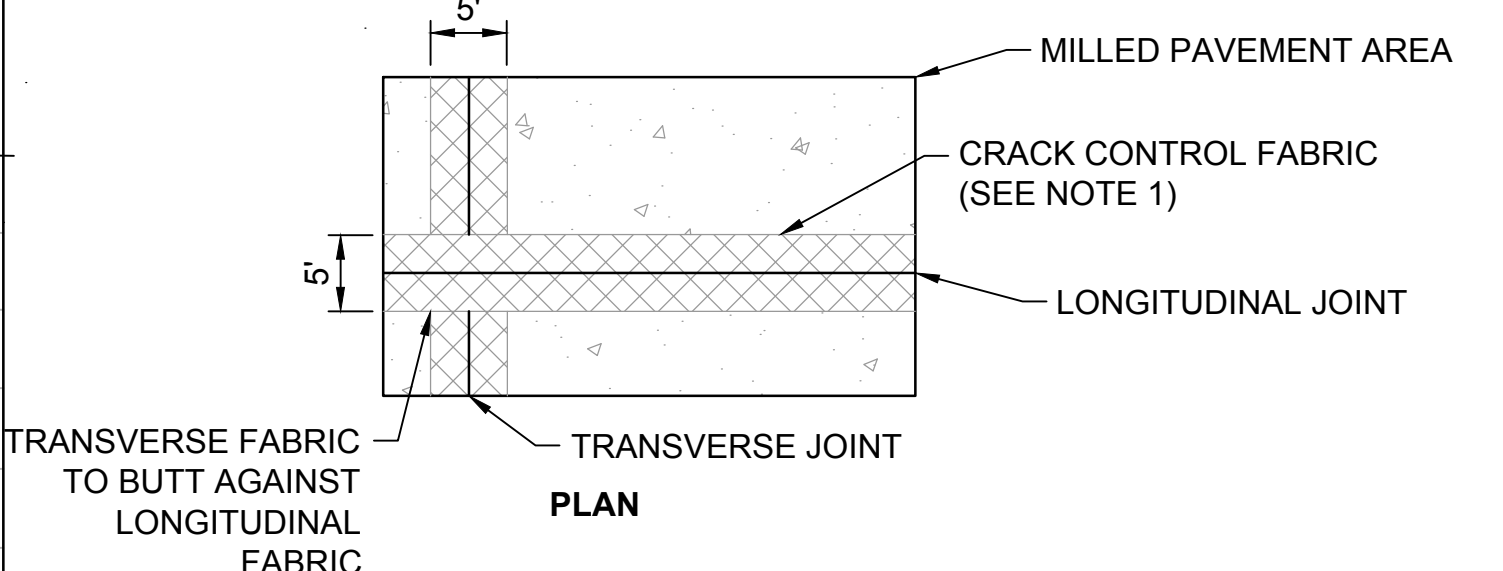
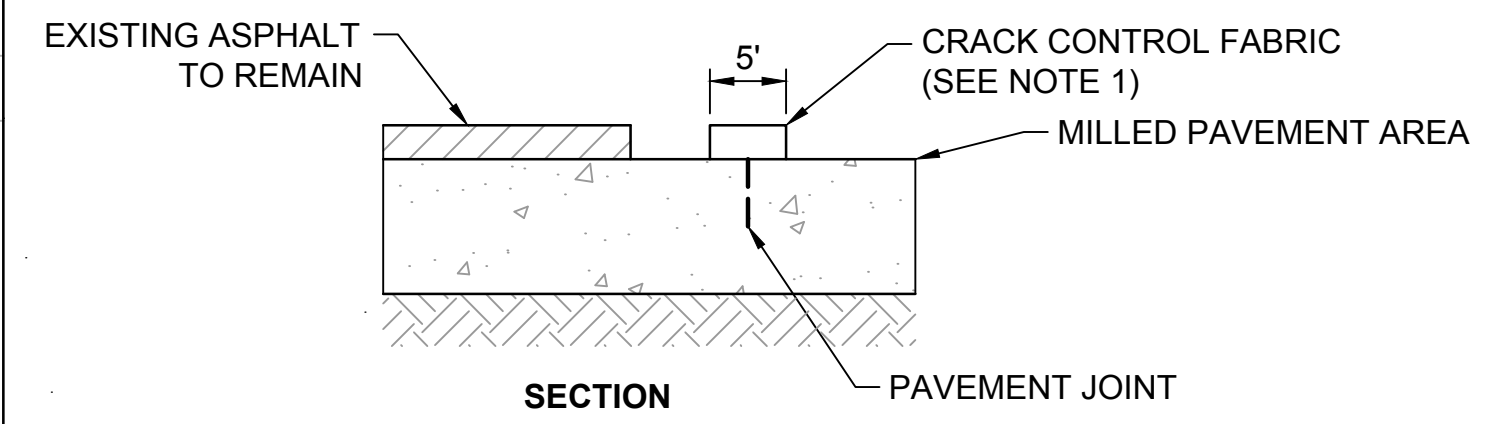


RAMP REHABILITATION	
RAMP REHABILITATION PLAN	
project	contract
81158	RA015
drawing	rev.
C1.02 - 0	
sheet 8	of 17 sheets
file 81158_C1.02_RAMP REHAB.DWG	

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID



AIR MUSEUM
STATIC DISPLAY



CRACK CONTROL FABRIC INSTALLATION DETAIL
NOT TO SCALE

NOTES:
1. CRACK CONTROL FABRIC SHALL BE CENTERED ON LONGITUDINAL AND TRANSVERSE JOINTS/CRACKS FOR THE FULL STRENGTH AIRFIELD PAVEMENT. FABRIC OVER TRANSVERSE JOINTS/CRACKS IN PCC MUST BUTT UP TO, BUT NOT OVERLAP THE FABRIC PLACED OVER LONGITUDINAL JOINTS.

N: 1321013.98
E: 1035389.64

LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT. NO FABRIC TO BE INSTALLED IN THIS AREA.

TAXILANE 1

TRANSVERSE JOINT LOCATIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY CONTRACTOR

BID ALTERNATE NOTES:
1. IF BID ALTERNATE 1 IS AWARDED, CRACK CONTROL FABRIC SHALL BE PLACED ON LONGITUDINAL AND TRANSVERSE JOINTS WITHIN MILLED LIMITS.
2. PAYMENT WILL BE MADE FOR WORK SHOWN ON THIS DRAWING UNDER ITEM AS201670.

LEGEND:
——— LONGITUDINAL JOINTS
- - - - - TRANSVERSE JOINTS



Scale For Microfining
Millimeters
Inches

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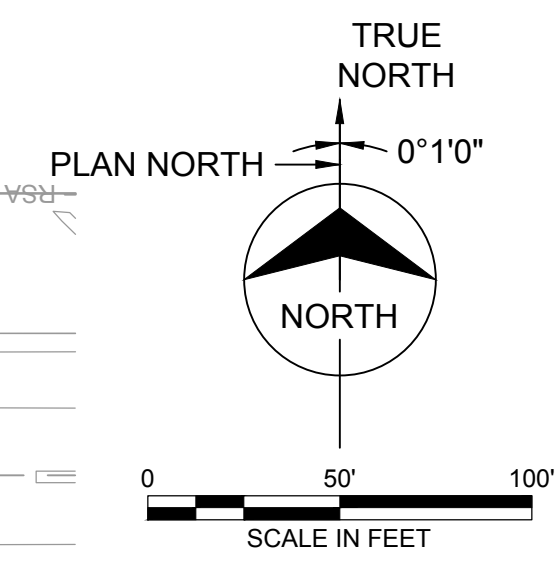
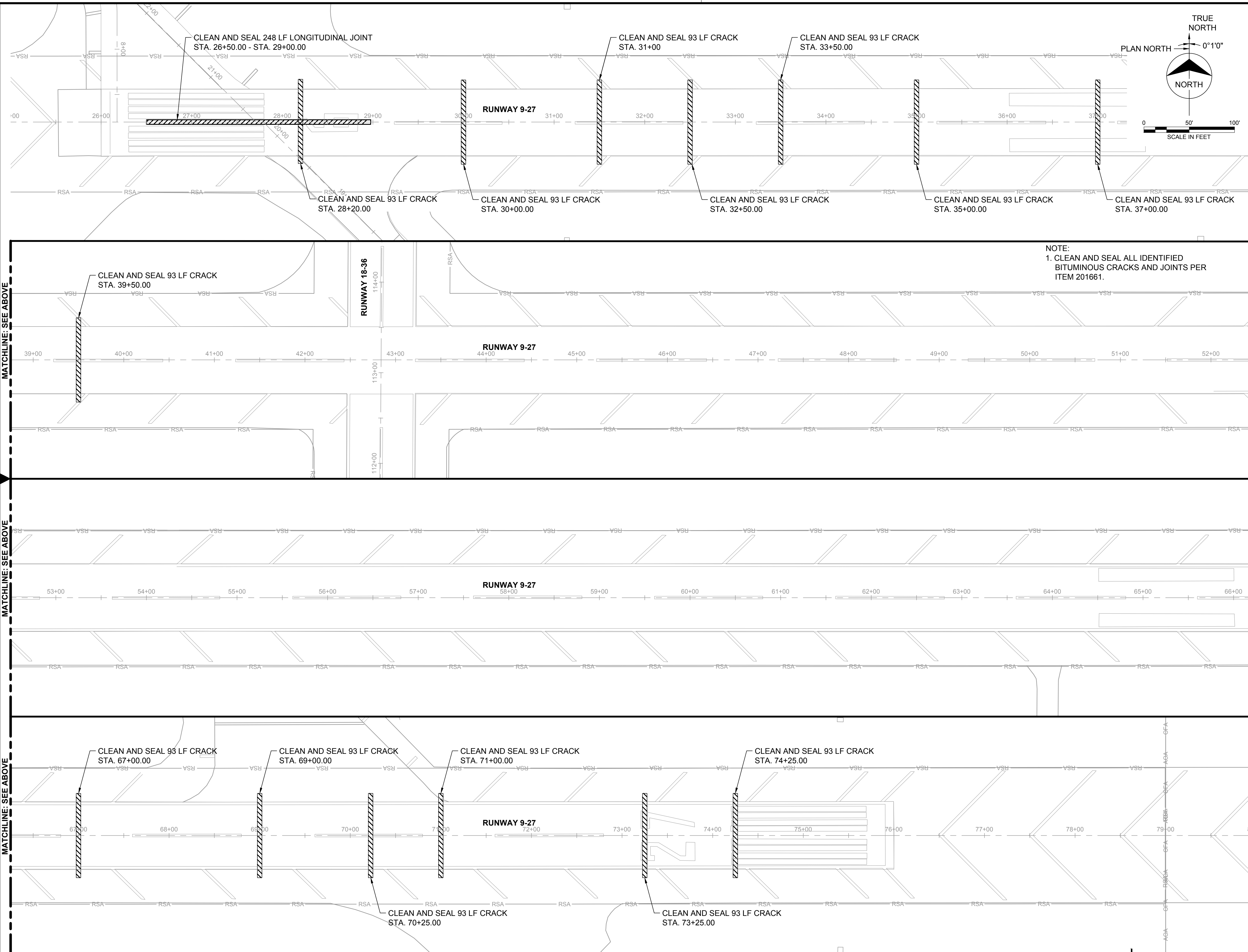


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designed J. YAHYA	checked B. QUINLAN



RAMP REHABILITATION	
RAMP REHABILITATION PLAN - BID ALTERNATE 1	
project 81158	contract RA015
drawing C1.03	rev. 0
sheet 9	of 17 sheets
file 81158_C1.03_RAMP REHAB_ALT 1.DWG	

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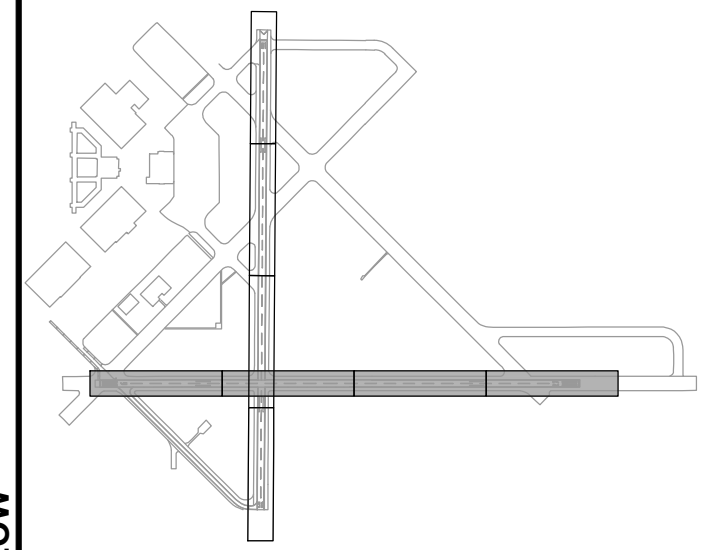


no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID

MATCHLINE: SEE BELOW

MATCHLINE: SEE BELOW

MATCHLINE: SEE BELOW



KEY MAP



date 12/12/2014	detailed J. YAHYA
designed J. YAHYA	checked B. QUINLAN



RAMP REHABILITATION	
RUNWAY 9-27 JOINT AND CRACK SEALING PLAN	
project 81158	contract RA015
C2.01 - 0	
sheet 10 of 17 sheets	file 81158_C2.01_RW 9-27 SEAL.DWG

Millimeters

Scale For Microfining

Inches

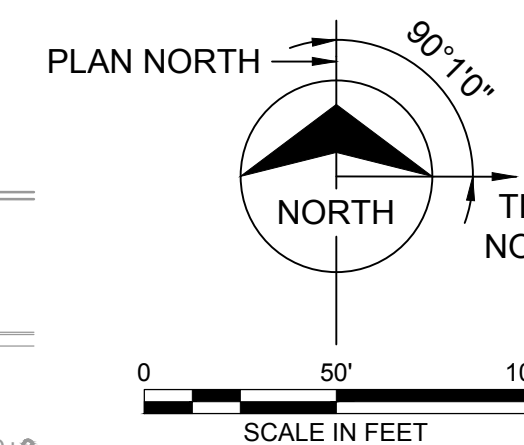
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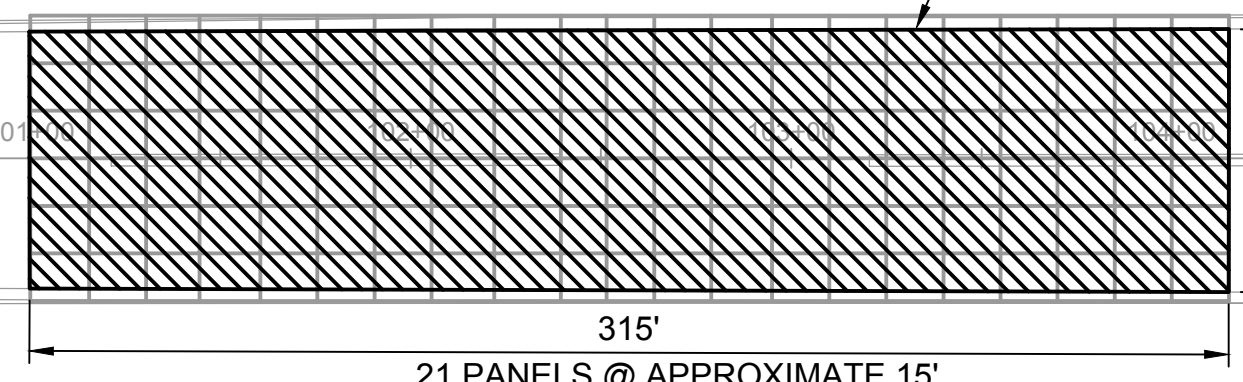
MATCHLINE: SEE ABOVE

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1 2 3 4 5 6 7 8 9 10 11 12 13



CLEAN AND SEAL JOINTS
(APPROX. 315 LF LONGITUDINAL;
69 LF TRANSVERSE)
STA. 101+00.00 - 104+15.00
SEE NOTE 2



RUNWAY 18-36

105+00 106+00 107+00 108+00 109+00

- NOTES:
- CLEAN AND SEAL ALL IDENTIFIED BITUMINOUS CRACKS AND JOINTS PER ITEM 201661.
 - JOINT SPACING IS APPROXIMATE AND MUST BE FIELD VERIFIED.

RUNWAY 9-27

RUNWAY 18-36

111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00

CLEAN AND SEAL 46 LF CRACK
STA. 130+50.00

CLEAN AND SEAL 17.50 LF CRACK
STA. 134+50.00

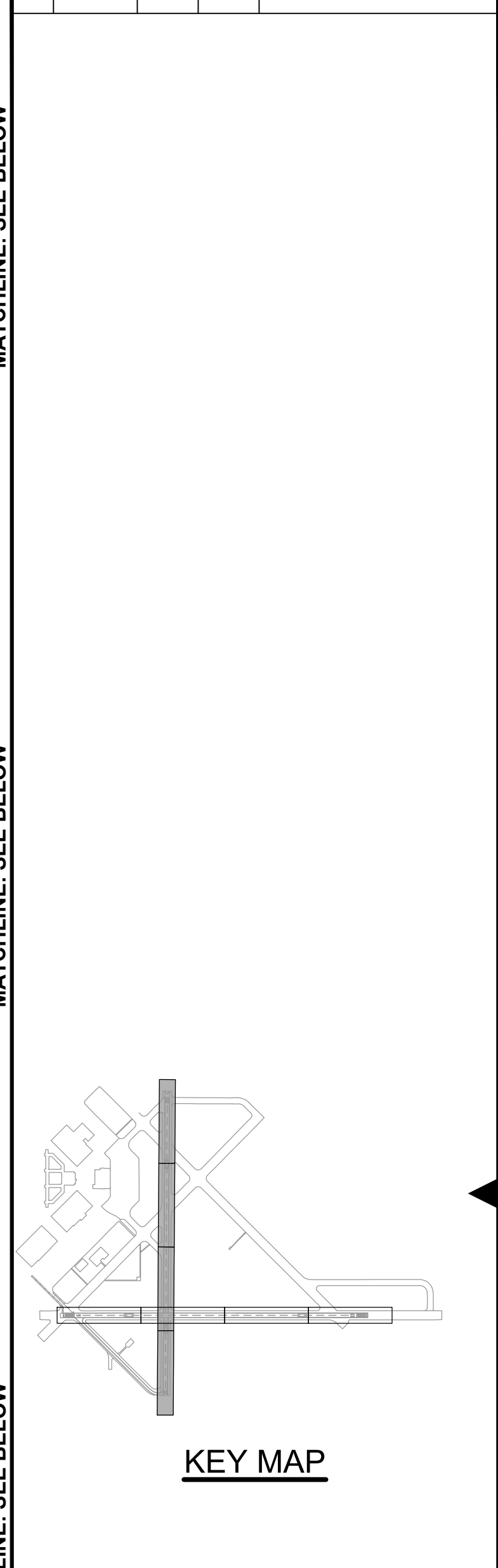
RUNWAY 18-36

125+00 126+00 127+00 128+00 129+00 130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00

RUNWAY 18-36

139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00 148+00 149+00 149+92.96

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID

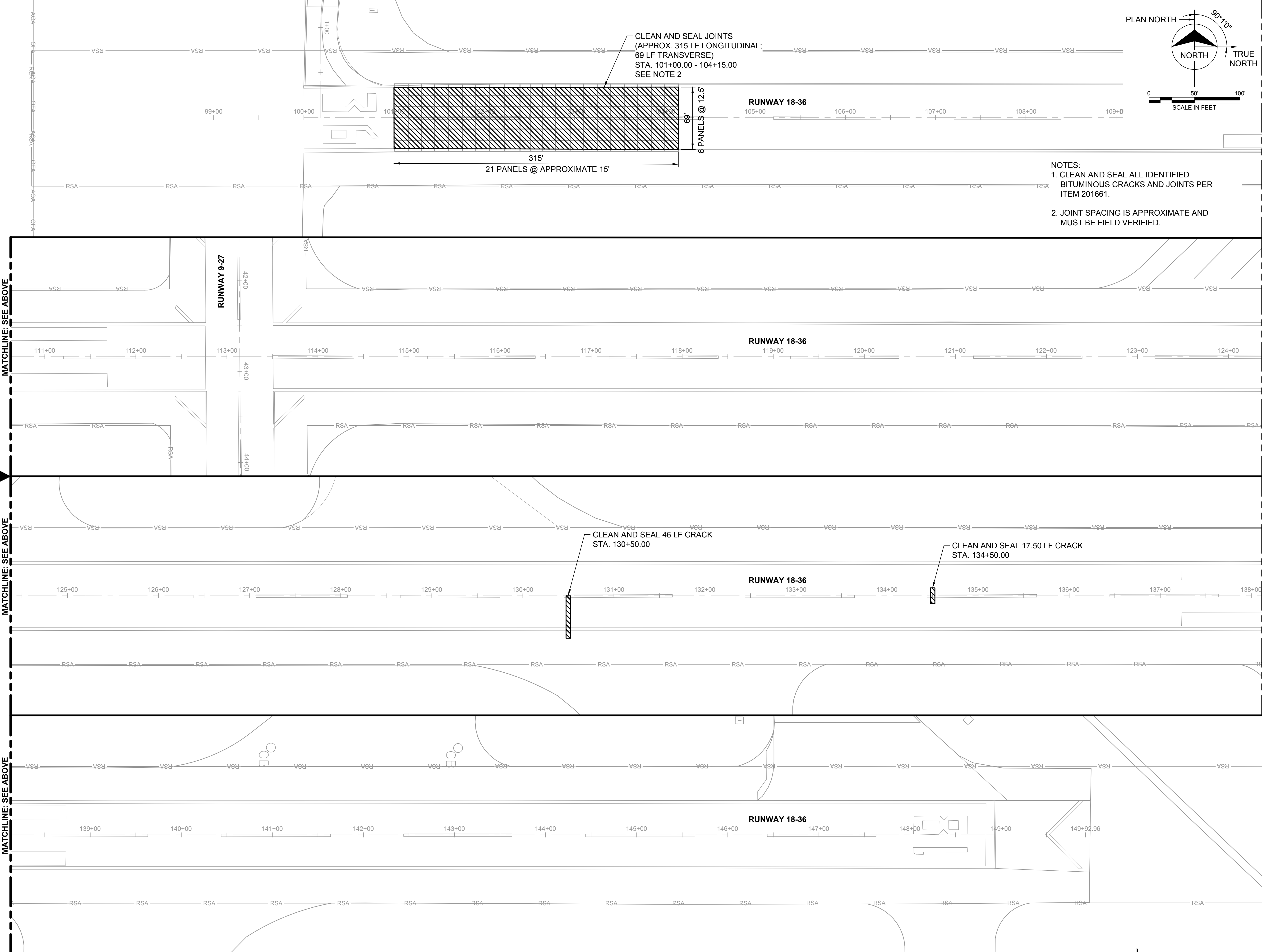


date 12/12/2014	detailed J. YAHYA
designed J. YAHYA	checked B. QUINLAN



RAMP REHABILITATION	
RUNWAY 18-36 JOINT AND CRACK SEALING PLAN	
project 81158	contract RA015
drawing C2.02 - 0 rev.	
sheet 11	of 17 sheets
file 81158_C2.02_RW 18-36 SEAL.DWG	

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MATCHLINE: SEE BELOW

MATCHLINE: SEE BELOW

MATCHLINE: SEE BELOW

MATCHLINE: SEE ABOVE

MATCHLINE: SEE ABOVE

MATCHLINE: SEE ABOVE

Scale For Microfining

Inches

Millimeters

A

B

C

D

E

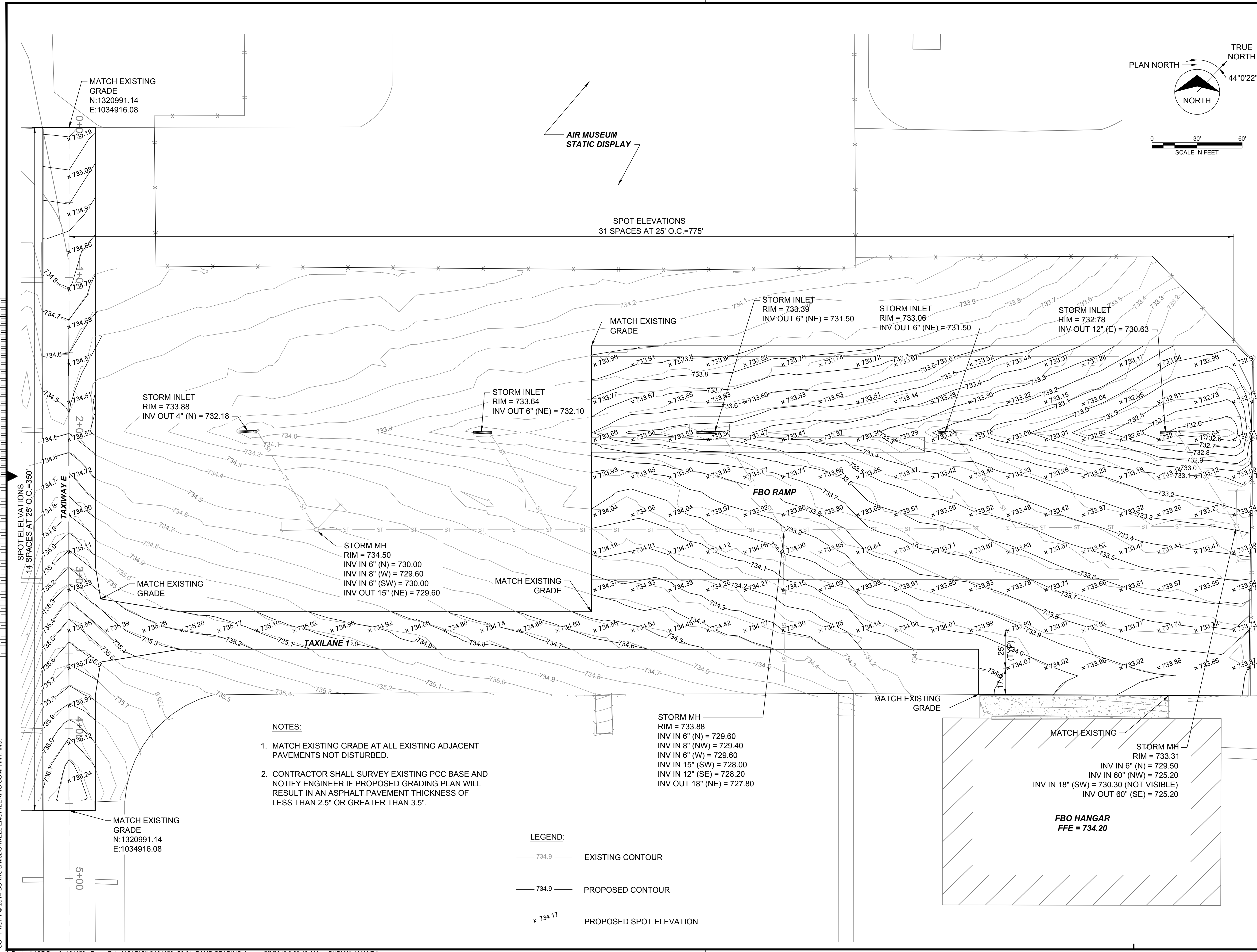
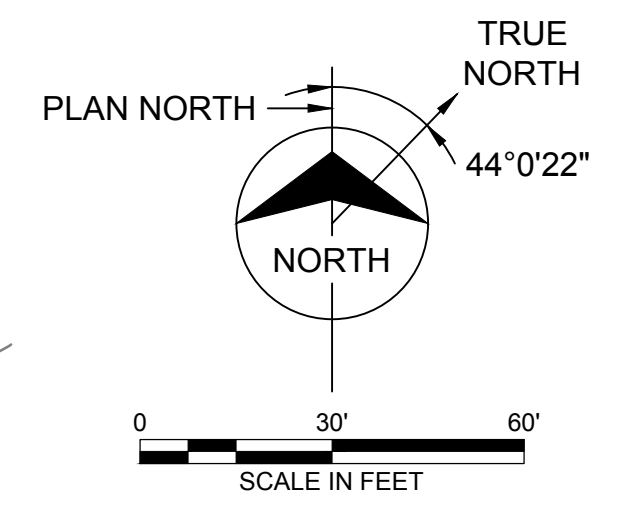
F

G

H

I

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID



Scale For Microfitting
Millimeters
Inches

- NOTES:**
- MATCH EXISTING GRADE AT ALL EXISTING ADJACENT PAVEMENTS NOT DISTURBED.
 - CONTRACTOR SHALL SURVEY EXISTING PCC BASE AND NOTIFY ENGINEER IF PROPOSED GRADING PLAN WILL RESULT IN AN ASPHALT PAVEMENT THICKNESS OF LESS THAN 2.5" OR GREATER THAN 3.5".

LEGEND:

— 734.9 —	EXISTING CONTOUR
— 734.9 —	PROPOSED CONTOUR
x 734.17	PROPOSED SPOT ELEVATION

STORM MH
RIM = 733.88
INV IN 6" (N) = 729.60
INV IN 8" (NW) = 729.40
INV IN 6" (W) = 729.60
INV IN 15" (SW) = 728.00
INV IN 12" (SE) = 728.20
INV OUT 18" (NE) = 727.80

STORM MH
RIM = 733.31
INV IN 6" (N) = 729.50
INV IN 60" (NW) = 725.20
INV IN 18" (SW) = 730.30 (NOT VISIBLE)
INV OUT 60" (SE) = 725.20



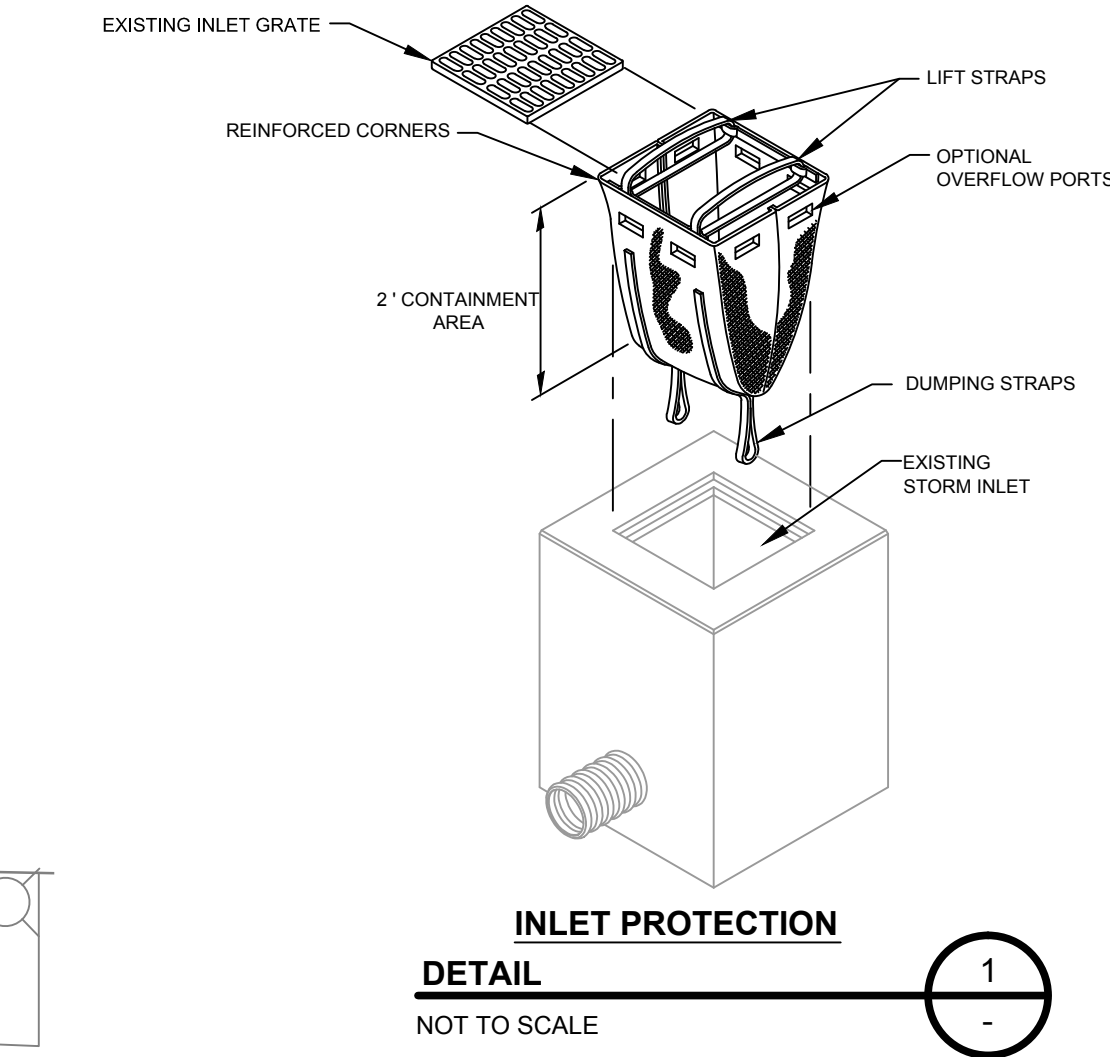
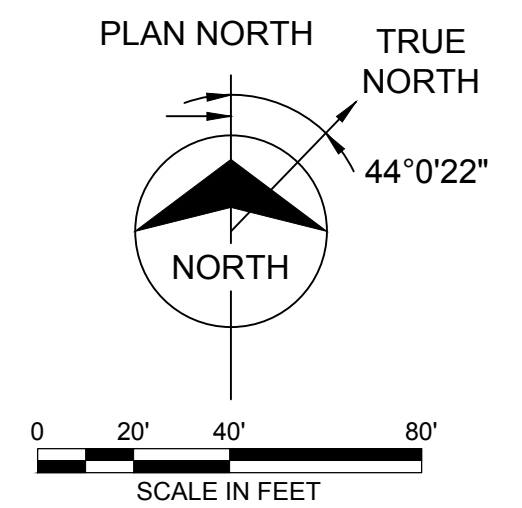
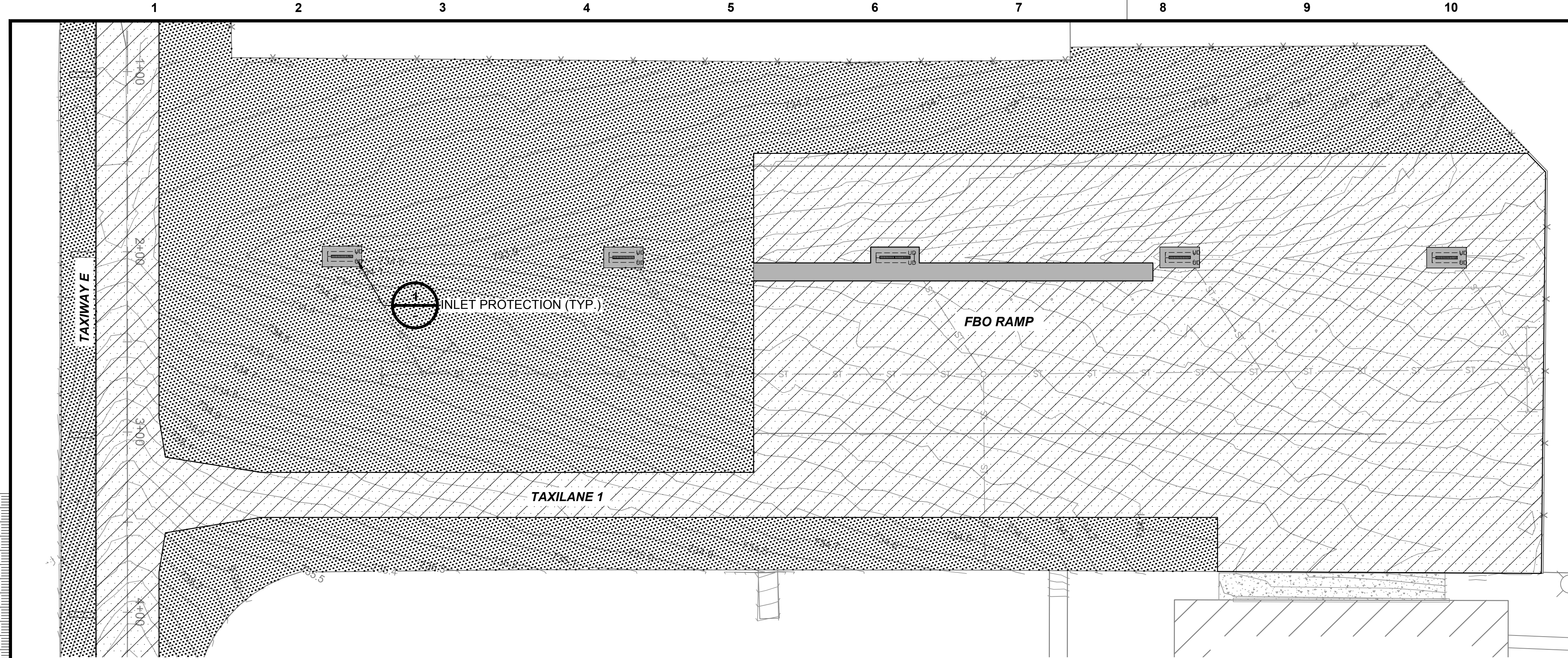
date	12/12/2014	detailed	A. BUDNIK
designed	J. YAHYA	checked	B. QUINLAN



**RAMP REHABILITATION
RAMP GRADING PLAN**

project	81158	contract	RA015
drawing	C3.01		rev. 0
sheet	12	of	17 sheets
file 81158_C3.01_RAMP GRADING.DWG			

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- LEGEND:**
- SURFACE TREATMENT OF EXISTING PAVEMENT & CRACK REPAIR
 - PAVEMENT REMOVAL AND REPLACEMENT AND SURFACE TREATMENT
 - ASPHALT MILL & OVERLAY AND SURFACE TREATMENT

MAINTENANCE AND INSPECTION PROCEDURES (GENERAL CONTRACTOR):

1. INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR MORE.
2. MAINTAIN ALL MEASURES IN GOOD FUNCTIONAL CONDITION. IF REPAIR IS NECESSARY, INITIATE REPAIR WITHIN 24 HOURS OF REPORT.
3. REMOVE BUILT-UP SEDIMENT FROM INLET PROTECTION WHEN IT REACHES ONE THIRD THE HEIGHT OF THE INLET PROTECTION.
4. PREPARE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION AND PROVIDE IT WITHIN 48 HOURS TO THE RESIDENT ENGINEER.
5. GENERAL CONTRACTOR SHALL IDENTIFY TWO INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTION, MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL MEASURES, AND WHO WILL BE FAMILIAR WITH THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY TO KEEP EROSION AND SEDIMENT CONTROL MEASURES IN GOOD FUNCTIONING CONDITION.
6. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FILING "NOTICE OF INTENT" AND "NOTICE OF TERMINATION" FORMS WITH ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA).
7. GENERAL CONTRACTOR SHALL KEEP A COPY OF THIS STORMWATER POLLUTION PREVENTION PLAN AND APPLICABLE SPECIFICATIONS ON SITE, FOR PRESENTATION TO AND DISCUSSION WITH IEPA INSPECTORS UPON REQUEST.

SPILL CONTROL (CONT.):

4. PAINTS: KEEP CONTAINERS TIGHTLY SEALED AND NEATLY STORED WHEN NOT REQUIRED FOR USE. DISPOSE OF EXCESS PAINT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE REGULATIONS. DO NOT DISPOSE EXCESS PAINT INTO ONSITE SEWERS OR WATERCOURSES.
5. CONCRETE: DO NOT WASH CONCRETE TRUCKS, DISCHARGE SURPLUS CONCRETE, OR DISCHARGE DRUM WASH WATER ONSITE EXCEPT IN APPROVED HOLDING TANKS.

SPILL PREVENTION:

1. CLEAN UP SPILLS IMMEDIATELY AFTER DISCOVERY.
2. KEEP SPILL CLEANUP MATERIALS AND EQUIPMENT IN THE MATERIAL STORAGE AREA ON SITE, INCLUDING (BUT NOT LIMITED TO): BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, ABSORBENT MATERIALS (E.G. KITTY LITTER, SAND), AND METAL TRASH CONTAINERS.
3. CLEARLY POST MANUFACTURERS' RECOMMENDED PRACTICES FOR SPILL CLEANUP. MAKE SITE PERSONNEL AWARE OF PROCEDURES, LOCATION OF INFORMATION, AND LOCATION OF CLEANUP SUPPLIES.
4. REPORT SPILLS OF TOXIC OR HAZARDOUS MATERIALS TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY.
5. KEEP SPILL AREAS WELL VENTILATED. PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH HAZARDOUS SUBSTANCES.
6. CONTRACTOR'S SUPERINTENDENT SHALL BE RESPONSIBLE FOR COORDINATION OF SPILL PREVENTION AND CLEANUP.

INVENTORY FOR POLLUTION PREVENTION PLAN:

THE FOLLOWING MATERIALS ARE EXPECTED TO BE PRESENT ON SITE DURING CONSTRUCTION: CONCRETE, ASPHALT, DETERGENTS, PETROLEUM BASED PRODUCTS, SEALANTS, ADHESIVES, SOLVENTS, PAINTS, AND GENERAL BUILDING MATERIALS.

SPILL CONTROL:

1. FOLLOW GOOD HOUSEKEEPING PRACTICES TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS TO STORMWATER RUNOFF. ALL MATERIAL STORED ON SITE SHALL BE STORED IN A NEAT MANNER, AND IN APPROPRIATE CONTAINERS WITH ORIGINAL MANUFACTURER'S LABEL. DO NOT MIX SUBSTANCES WITH ONE ANOTHER UNLESS RECOMMENDED BY MANUFACTURER. ATTEMPT TO STORE ONLY ENOUGH PRODUCT ON SITE TO MEET THE REQUIREMENTS OF THE PROJECT. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR STORAGE, USE AND DISPOSAL. CONTRACTOR'S SITE SUPERINTENDENT SHALL INSPECT MATERIAL STORAGE AND HANDLING PRACTICES DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON SITE.
2. TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS PRODUCTS: KEEP PRODUCTS IN ORIGINAL CONTAINERS (UNLESS THEY ARE NOT RESEALABLE); RETAIN ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS; DISPOSE OF EXCESS PRODUCT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE LAWS.
3. PETROLEUM PRODUCTS: MONITOR ON-SITE VEHICLES FOR LEAKS, AND PROVIDE REGULAR PREVENTIVE MAINTENANCE AND REPAIRS. STORE PETROLEUM PRODUCTS IN TIGHTLY SEALED AND CLEARLY LABELED CONTAINERS.

OTHER CONTROLS:

1. WASTE DISPOSAL - COLLECT AND STORE ALL WASTE MATERIALS IN METAL CONTAINERS WITH LIDS AND DISPOSE OF THEM BY A LICENSED WASTE MANAGEMENT COMPANY. CONTAINERS SHALL MEET ALL APPLICABLE LOCAL AND STATE REGULATIONS. EMPTY THE CONTAINERS AT LEAST ONCE PER WEEK, AND MORE OFTEN IF NECESSARY, AND HAUL TRASH OFF SITE. DO NOT BURY CONSTRUCTION WASTE MATERIALS ON SITE. INSTRUCT SITE PERSONNEL IN THESE PROCEDURES. EACH PRIME CONTRACTOR'S SUPERINTENDENT, WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.
2. HAZARDOUS WASTE - DISPOSE OF ANY HAZARDOUS WASTE MATERIALS ENCOUNTERED IN THE MANNER SPECIFIED BY STATE OR LOCAL REGULATIONS OR BY THE MANUFACTURER'S MATERIAL SAFETY DATA SHEET. INSTRUCT SITE PERSONNEL IN THESE PROCEDURES. EACH PRIME CONTRACTOR'S SUPERINTENDENT, WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.
3. SANITARY WASTE - COLLECT SANITARY WASTE FROM PORTABLE UNITS AT LEAST ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, IN ACCORDANCE WITH LOCAL REGULATIONS.

TIMING OF CONTROL MEASURES:

1. AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, GENERAL CONTRACTOR SHALL INSTALL INLET PROTECTION PRIOR TO BEGINNING PAVEMENT REMOVAL ON APPLICABLE PARTS OF THE SITE.
2. WHERE CONSTRUCTION TEMPORARILY CEASES FOR MORE THAN 21 DAYS, GENERAL CONTRACTOR SHALL STABILIZE AREA WITH TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF LAST DISTURBANCE.
3. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, GENERAL CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM INLETS.

SITE DESCRIPTION:

PROJECT NAME:
REHABILITATION OF FBO RAMP AND TAXIWAY E PAVEMENTS;
RUNWAY PAVEMENT REPAIRS
CHAMPAIGN COUNTY
RANTOUL, ILLINOIS

OWNER:
VILLAGE OF RANTOUL
6 AVIATION CENTER DRIVE, RANTOUL, IL 61866

DESCRIPTION:
SITE DISTURBING ACTIVITIES WILL INCLUDE ASPHALT MILLING AND BASE COURSE EXCAVATION.

SITE AREA:
CONSTRUCTION SITE COVERS APPROXIMATELY 5.7 ACRES OF WHICH 48% WILL BE DISTURBED.

SEQUENCE OF MAJOR ACTIVITIES:

1. INSTALL INLET PROTECTION
2. RECONSTRUCT INLETS
3. MILL AND OVERLAY PAVEMENT
4. SEAL COAT PAVEMENT
5. PAVEMENT MARKING
6. CLEANUP AND DEMOBILIZE

CONTROLS:

EROSION AND SEDIMENT CONTROL MEASURES:

1. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL MEASURES DURING CONSTRUCTION AS INDICATED IN THE STORMWATER POLLUTION PREVENTION PLAN. CONTROL MEASURES SHALL INCLUDE: INLET PROTECTION.
2. GENERAL CONTRACTOR SHALL PERFORM INSPECTION/MAINTENANCE AFTER MAJOR STORM EVENTS MEASURING MORE THAN 0.25" OF PRECIPITATION PER EVENT AND PERIODIC INSPECTIONS/MAINTENANCE OF EROSION CONTROL MEASURES PER SPECIFICATIONS.
3. GENERAL CONTRACTOR SHALL PROVIDE DUST CONTROL DURING PAVEMENT MILLING, GRADING AND AGGREGATE OPERATIONS.

no.	date	by	ckd	description
0	05/08/15	JY	BJQ	ISSUED FOR BID

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date	detailed
12/12/2014	A. BUDNIK
designed	checked
J. YAHYA	B. QUINLAN



RAMP REHABILITATION
EROSION CONTROL PLAN,
DETAILS AND NOTES

project	contract
81158	RA015
drawing	rev.
C3.02	0
sheet 13	of 17 sheets
file 81158_C3.02_EROSION CONTROL.DWG	

Millimeters

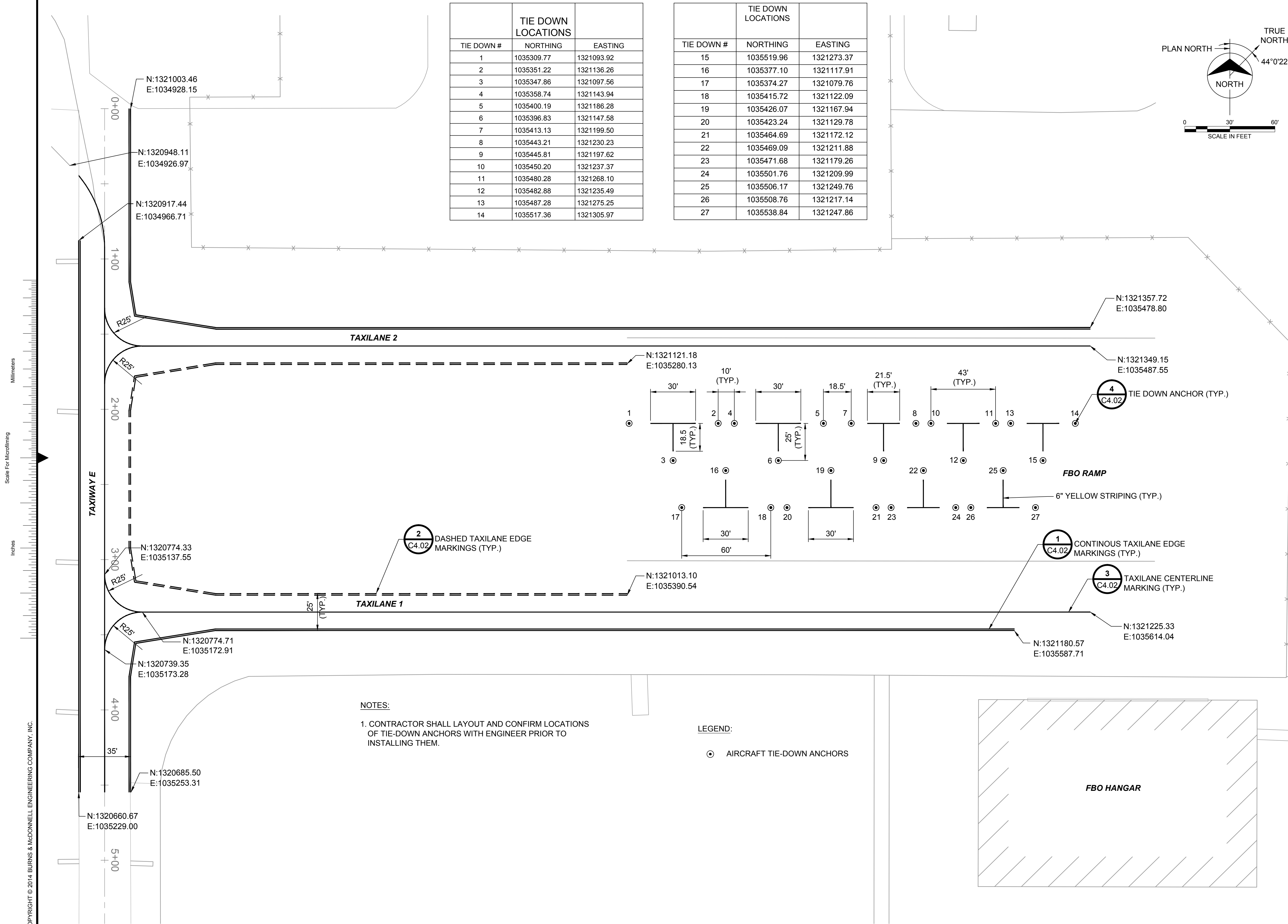
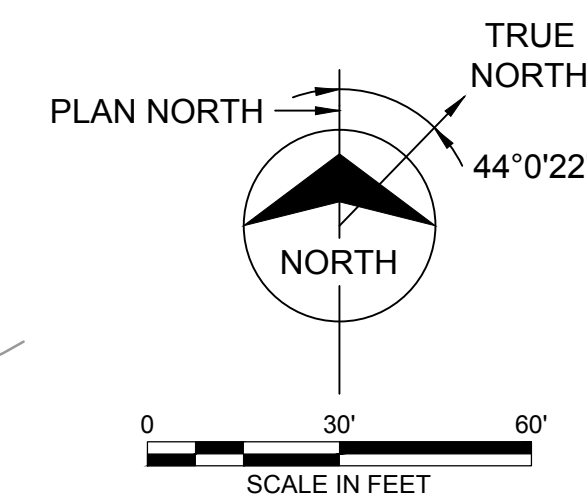
Scale For Microfining

Inches

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TIE DOWN LOCATIONS		
TIE DOWN #	NORTHING	EASTING
1	1035309.77	1321093.92
2	1035351.22	1321136.26
3	1035347.86	1321097.56
4	1035358.74	1321143.94
5	1035400.19	1321186.28
6	1035396.83	1321147.58
7	1035413.13	1321199.50
8	1035443.21	1321230.23
9	1035445.81	1321197.62
10	1035450.20	1321237.37
11	1035480.28	1321268.10
12	1035482.88	1321235.49
13	1035487.28	1321275.25
14	1035517.36	1321305.97

TIE DOWN LOCATIONS		
TIE DOWN #	NORTHING	EASTING
15	1035519.96	1321273.37
16	1035377.10	1321117.91
17	1035374.27	1321079.76
18	1035415.72	1321122.09
19	1035426.07	1321167.94
20	1035423.24	1321129.78
21	1035464.69	1321172.12
22	1035469.09	1321211.88
23	1035471.68	1321179.26
24	1035501.76	1321209.99
25	1035506.17	1321249.76
26	1035508.76	1321217.14
27	1035538.84	1321247.86



NOTES:
 1. CONTRACTOR SHALL LAYOUT AND CONFIRM LOCATIONS OF TIE-DOWN ANCHORS WITH ENGINEER PRIOR TO INSTALLING THEM.

LEGEND:
 ○ AIRCRAFT TIE-DOWN ANCHORS

no.	date	by	ckd	description
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BURNS MEDONNELL

date	12/12/2014	detailed	A. BUDNIK
designed	J. YAHYA	checked	B. QUINLAN

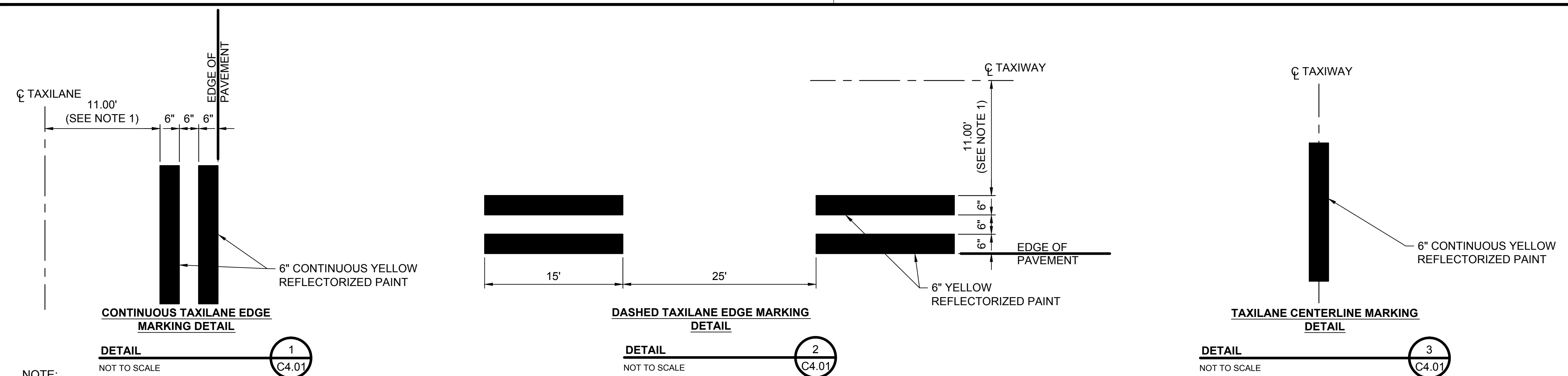
Rantoul
VILLAGE OF RANTOUL, ILLINOIS

RAMP REHABILITATION
RAMP PAVEMENT MARKING PLAN

project	81158	contract	RA015
drawing	C4.01		rev. 0
sheet	14	of	17 sheets
file 81158_C4.01_RAMP MARKING.DWG			

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no.	date	by	ckd	description
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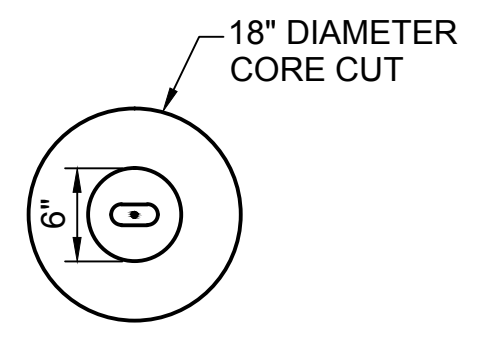


NOTE:
1. DIMENSION AS SHOWN IS 16' FOR TAXIWAY E.

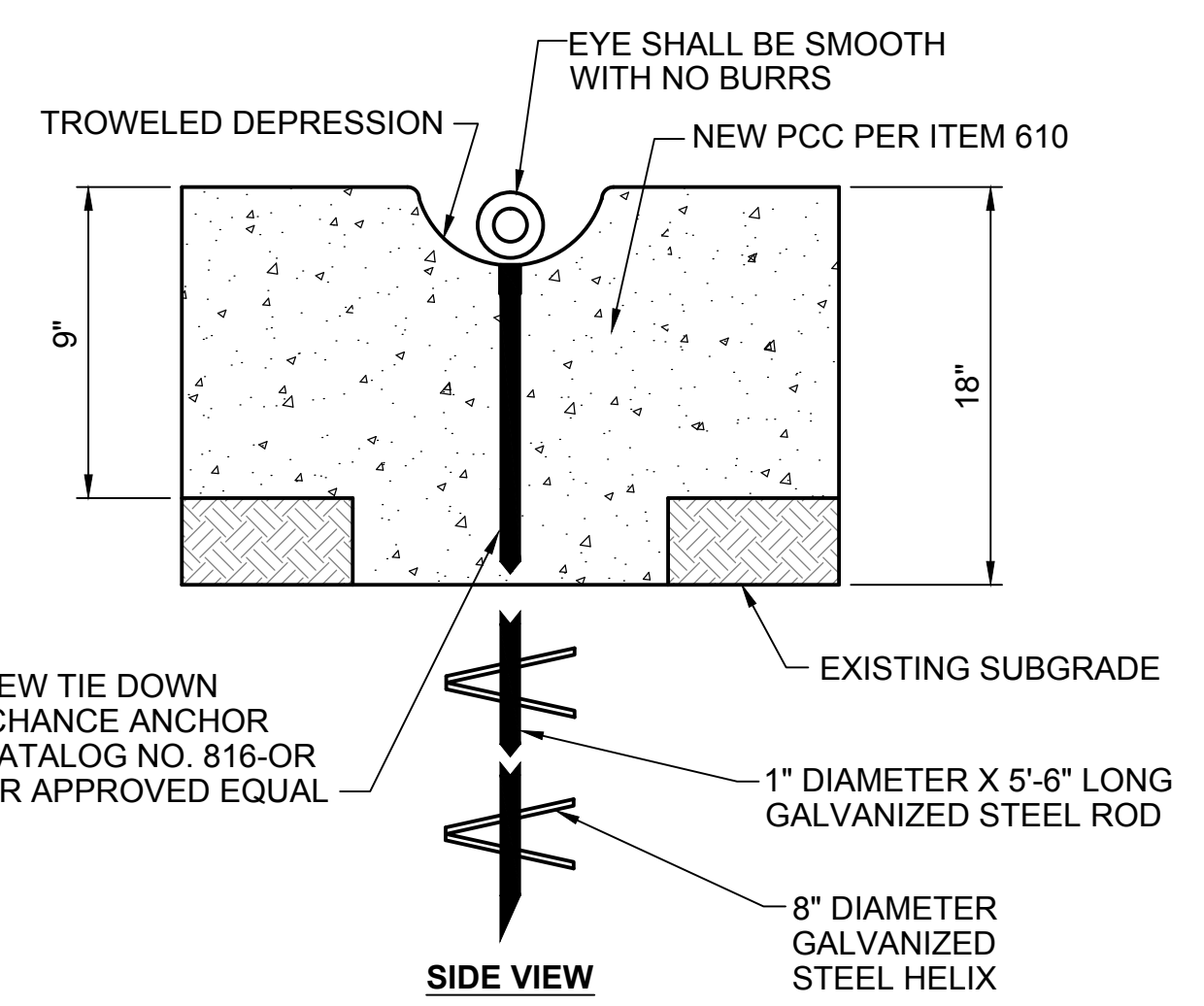
PAVEMENT MARKING NOTES:

- CONTRACTOR SHALL USE CUT-OFF SHEETS TO INSURE STRAIGHT EDGES OF PAINTED MARKINGS.

Scale For Microfining
Millimeters
Inches



TOP VIEW

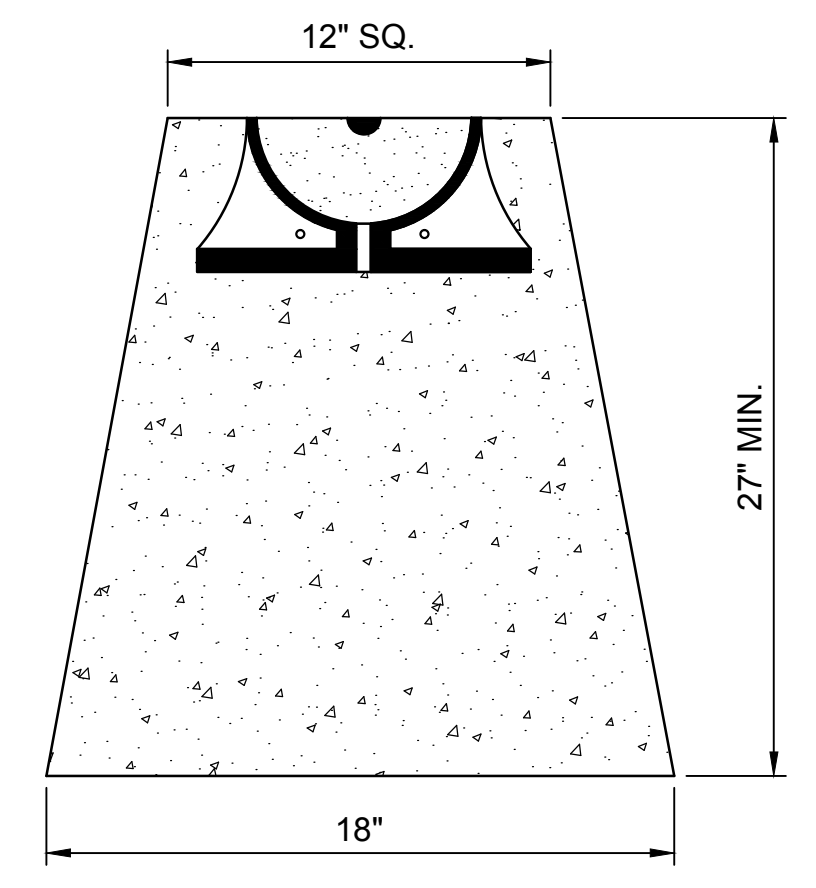


SIDE VIEW

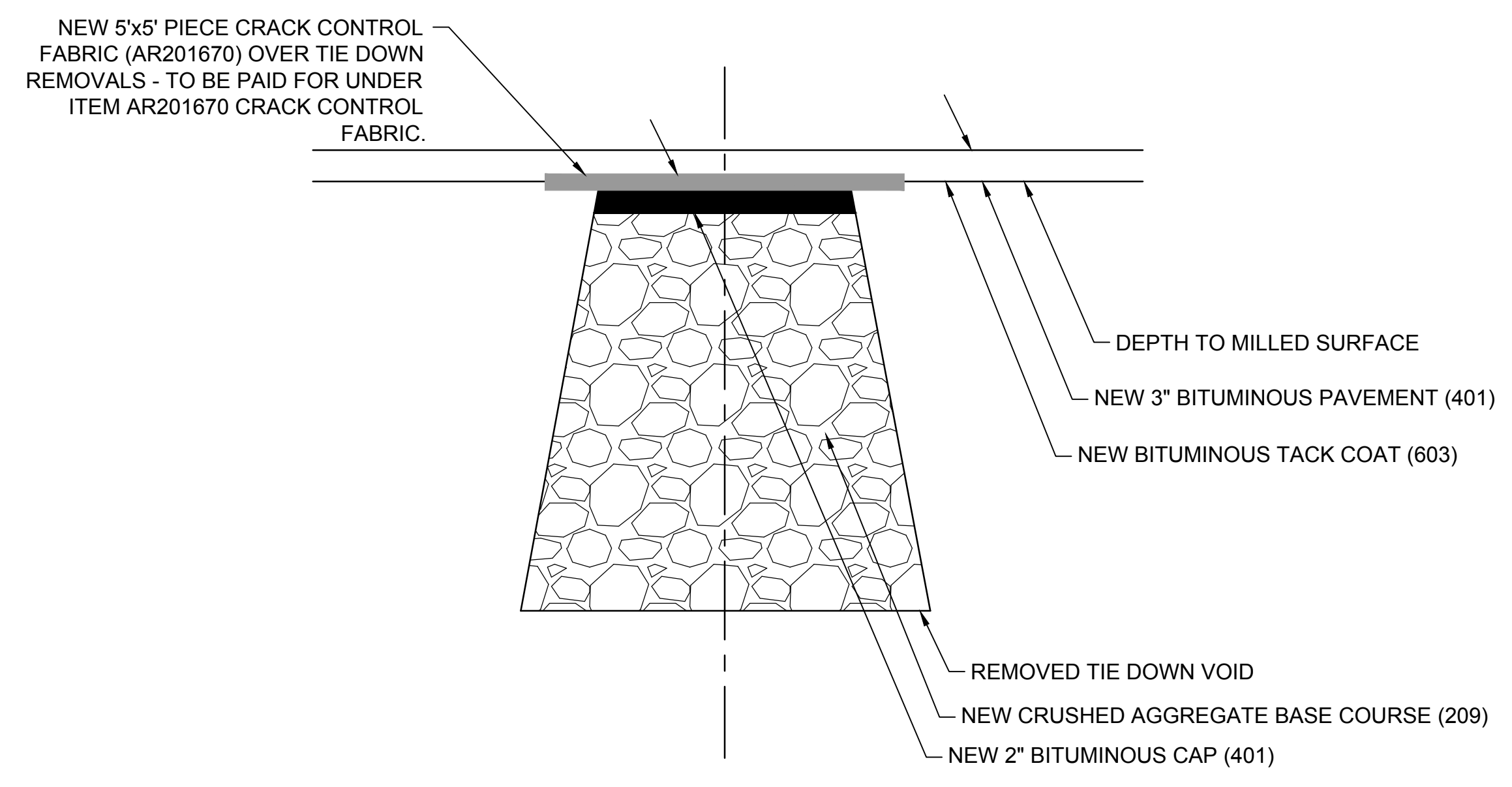
TIE DOWN ANCHOR DETAIL

- NOTES:**
- THE DEPRESSION FOR THE TIE DOWN UNIT SHALL BE PROVIDED BY A REMOVABLE FORM OF APPROVED DESIGN. WOOD, METAL OR COMPRESSED PAPER CUP MAY BE USED.
 - TIE DOWN ANCHORS HAVING A STYLE OF LOOP DIFFERENT FROM THAT SHOWN MAY BE SUBMITTED FOR APPROVAL BY THE ENGINEER.
 - TIE DOWN ANCHORS THAT CONFLICT WITH STORM DRAINAGE SYSTEMS OR PAVEMENT JOINTS SHALL BE RELOCATED TO CLEAR THESE OBSTRUCTIONS A MINIMUM OF 1'-0".
 - TIE DOWN SHALL PROVIDE A MINIMUM HOLDING FORCE OF 3,000 POUNDS.
 - THE COST OF FURNISHING, INSTALLING, AND REMOVING ALL MATERIALS AND EQUIPMENT ASSOCIATED WITH TIE DOWN ANCHORS IS INCIDENTAL TO PAY ITEM NO. AR510510.
 - THE ANCHOR SHALL BE INSTALLED BY CORING THROUGH NEW PAVEMENT AFTER PAVING IS COMPLETE.

DETAIL NOT TO SCALE 4 C4.01



EXISTING TIE DOWN DETAIL



TIE-DOWN BACKFILL DETAIL NOT TO SCALE 5 C1.01



date 12/12/2014	detailed J. YAHYA
designed J. YAHYA	checked B. QUINLAN



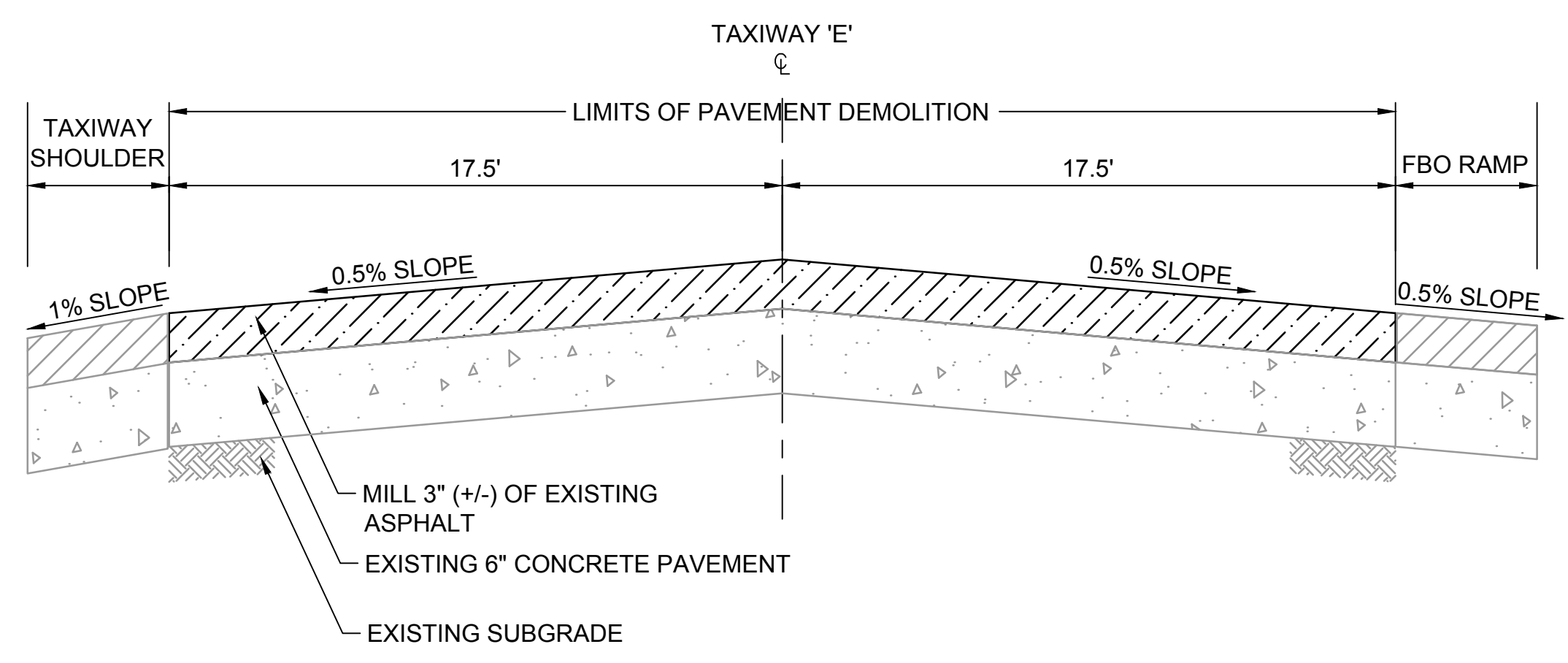
RAMP REHABILITATION
PAVEMENT MARKING AND TIE-DOWN DETAILS

project 81158	contract RA015
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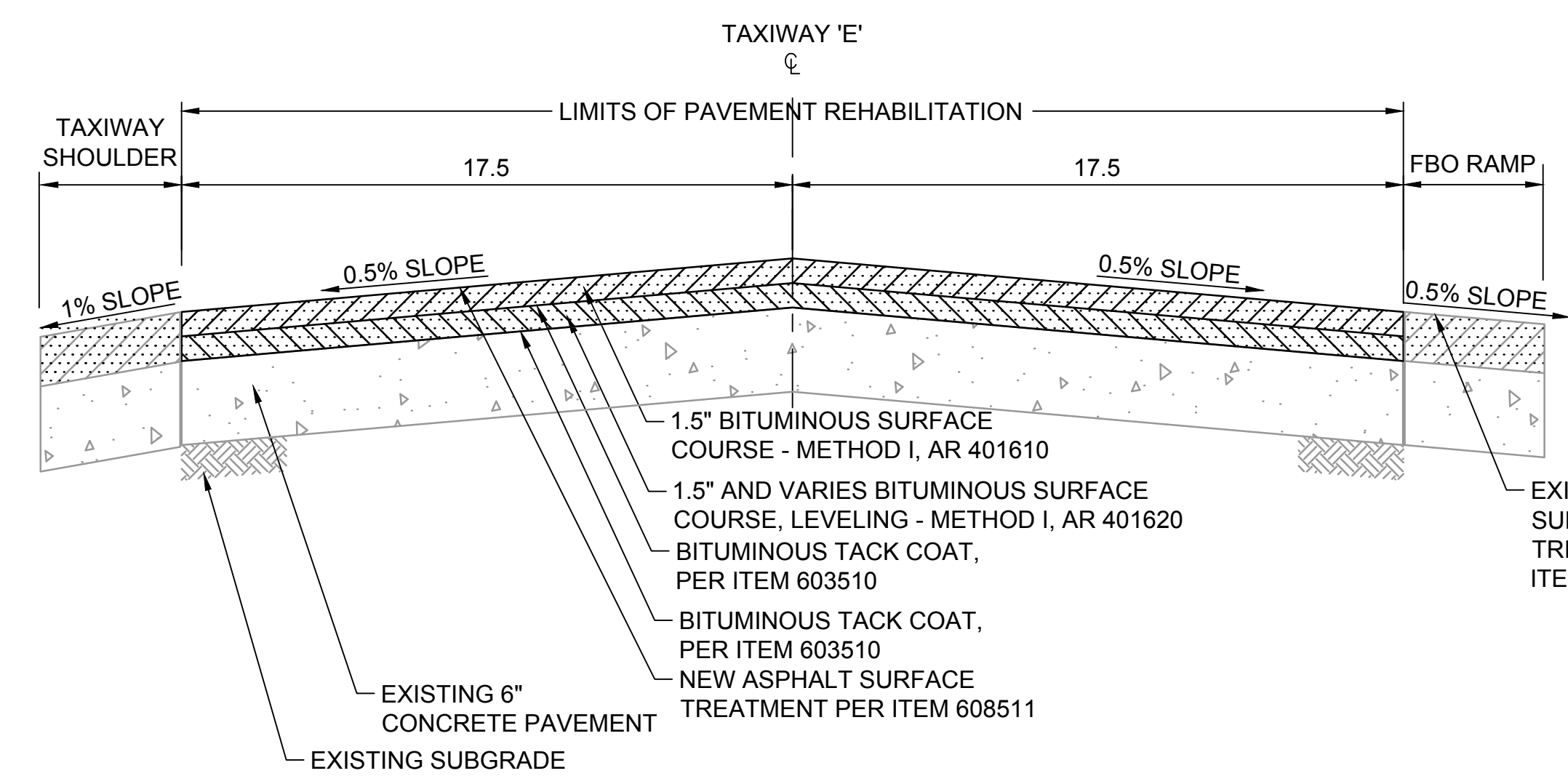
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sheet 15	of 17	sheets
file 81158_C4.02_MARKING DET.DWG		

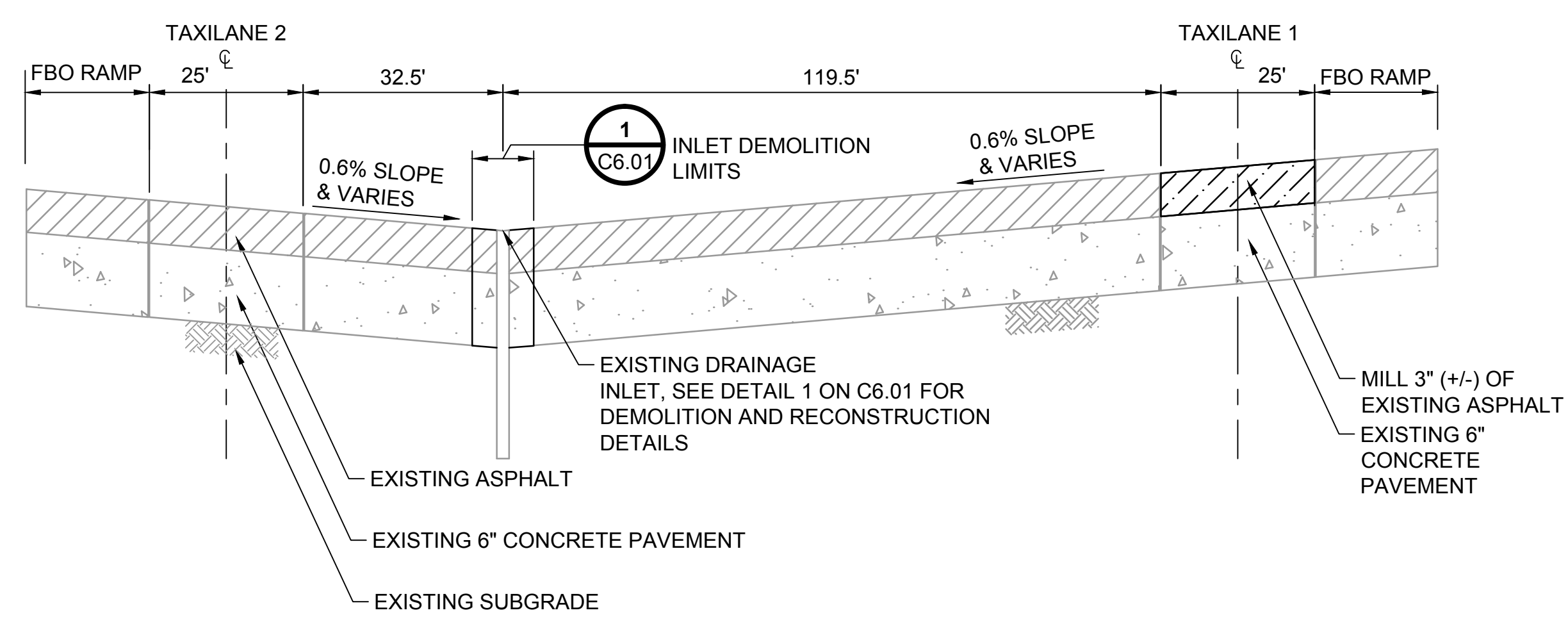
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0	05/08/15	JY	BJQ	ISSUED FOR BID



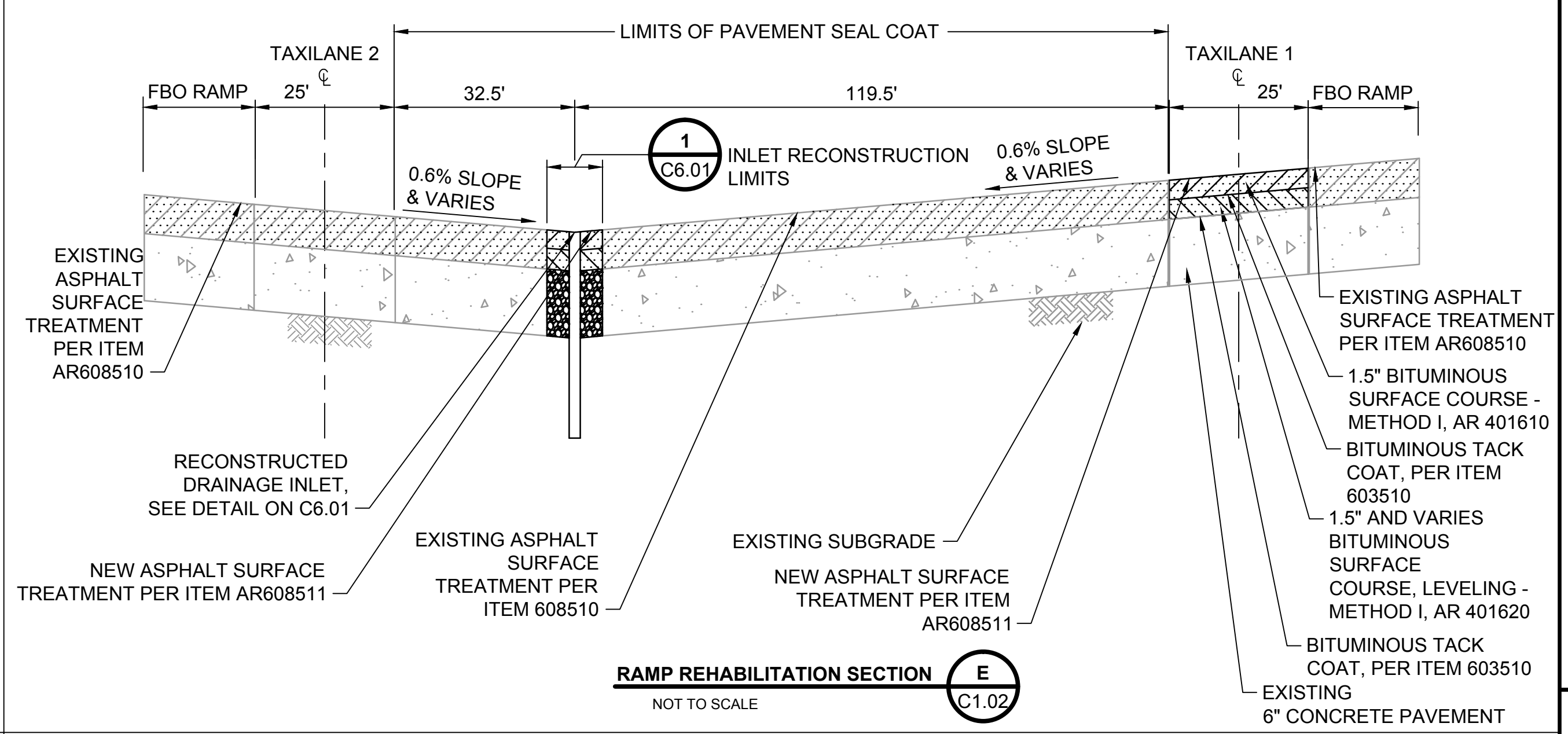
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C1.01



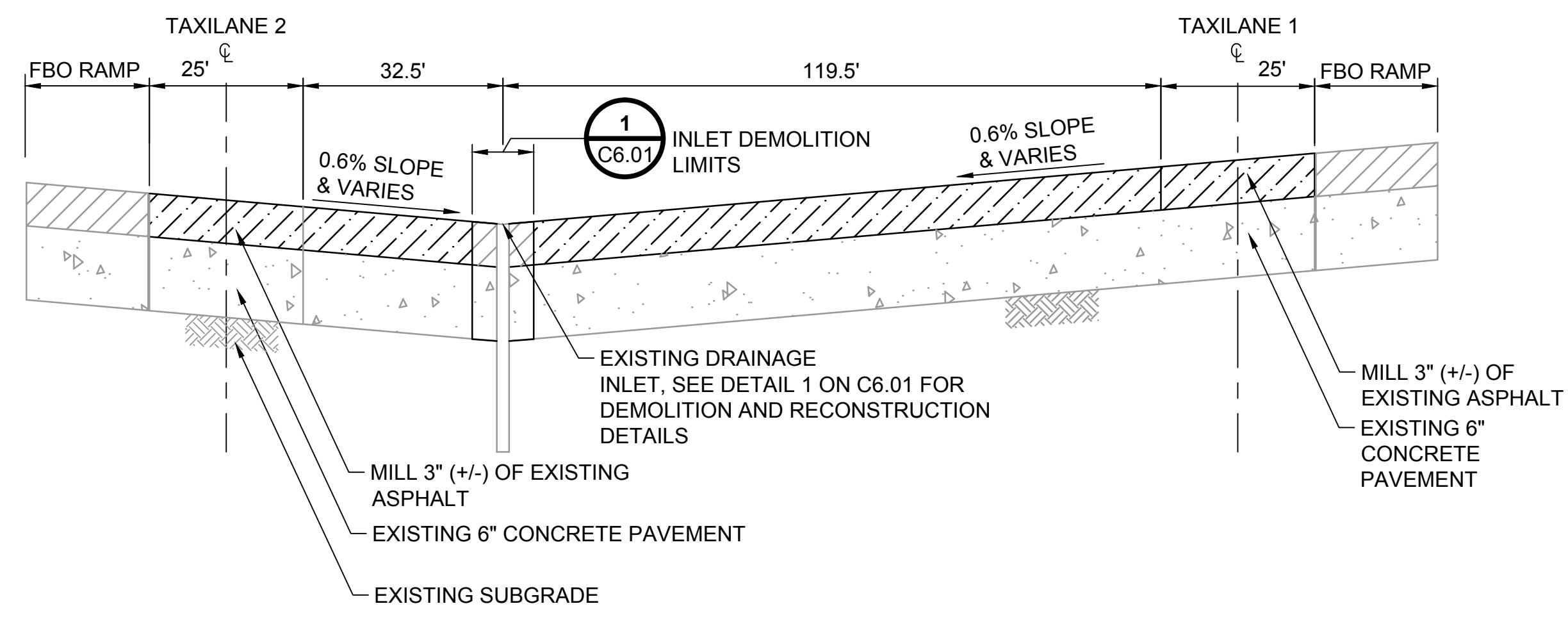
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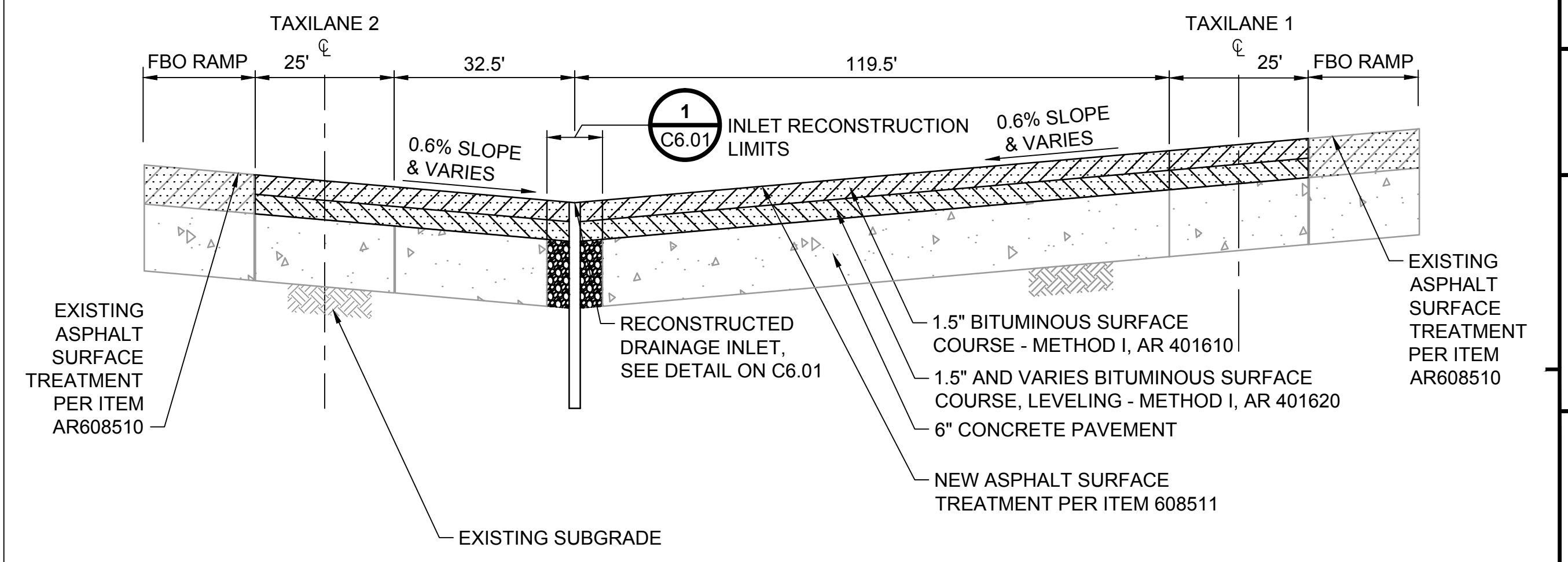
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C1.01



RAMP REHABILITATION SECTION
NOT TO SCALE
E
C1.02



RAMP DEMOLITION SECTION
NOT TO SCALE
C
C1.01



RAMP REHABILITATION SECTION
NOT TO SCALE
F
C1.02



date	12/12/2014	detailed	J. YAHYA
designed	J. YAHYA	checked	B. QUINLAN



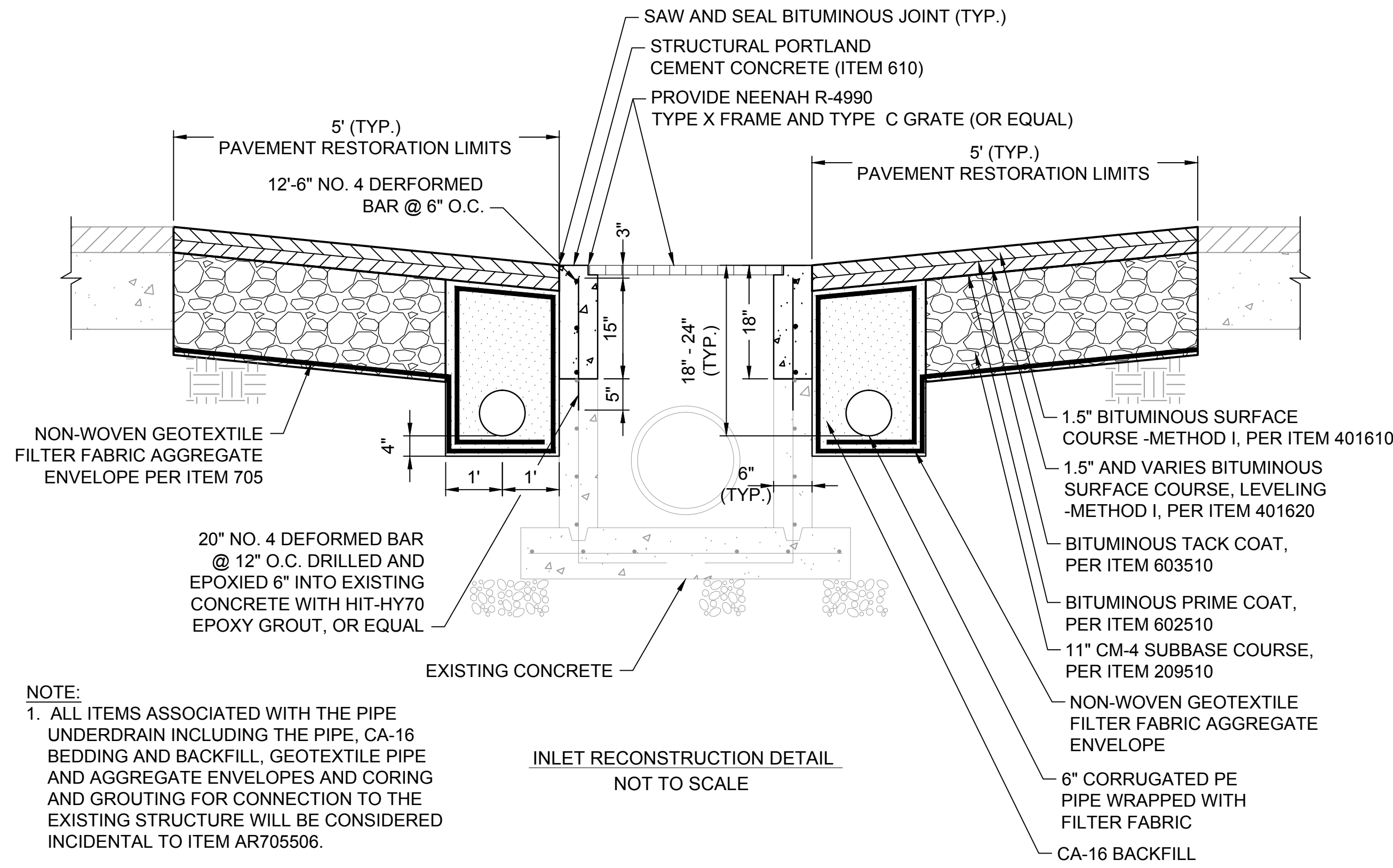
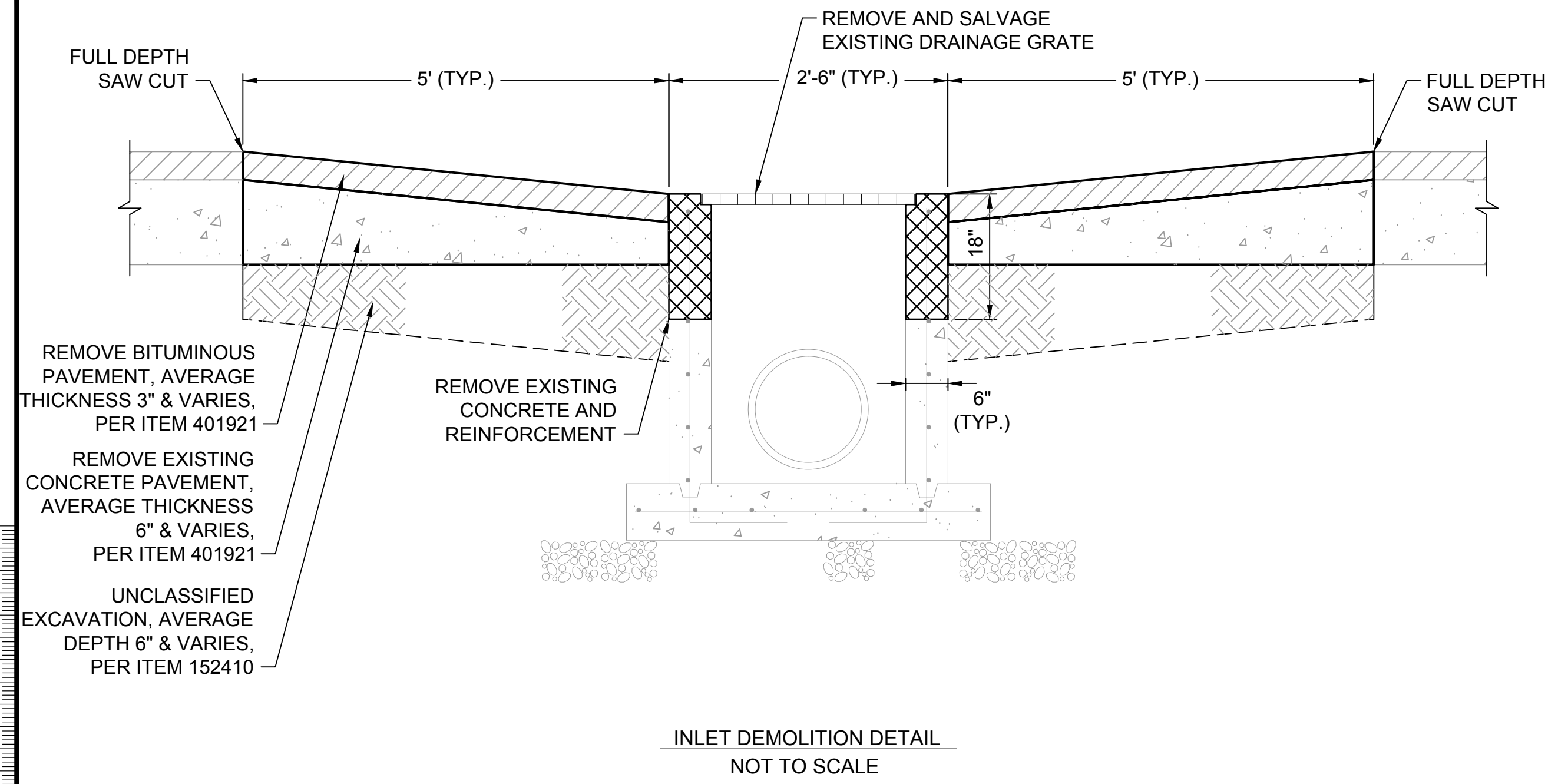
RAMP REHABILITATION TYPICAL SECTIONS

project	81158	contract	RA015
drawing	C5.01 - 0		
sheet	16	of	17 sheets
file 81158_C5.01_TYPICAL SECTION.DWG			

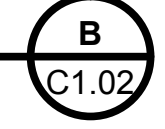
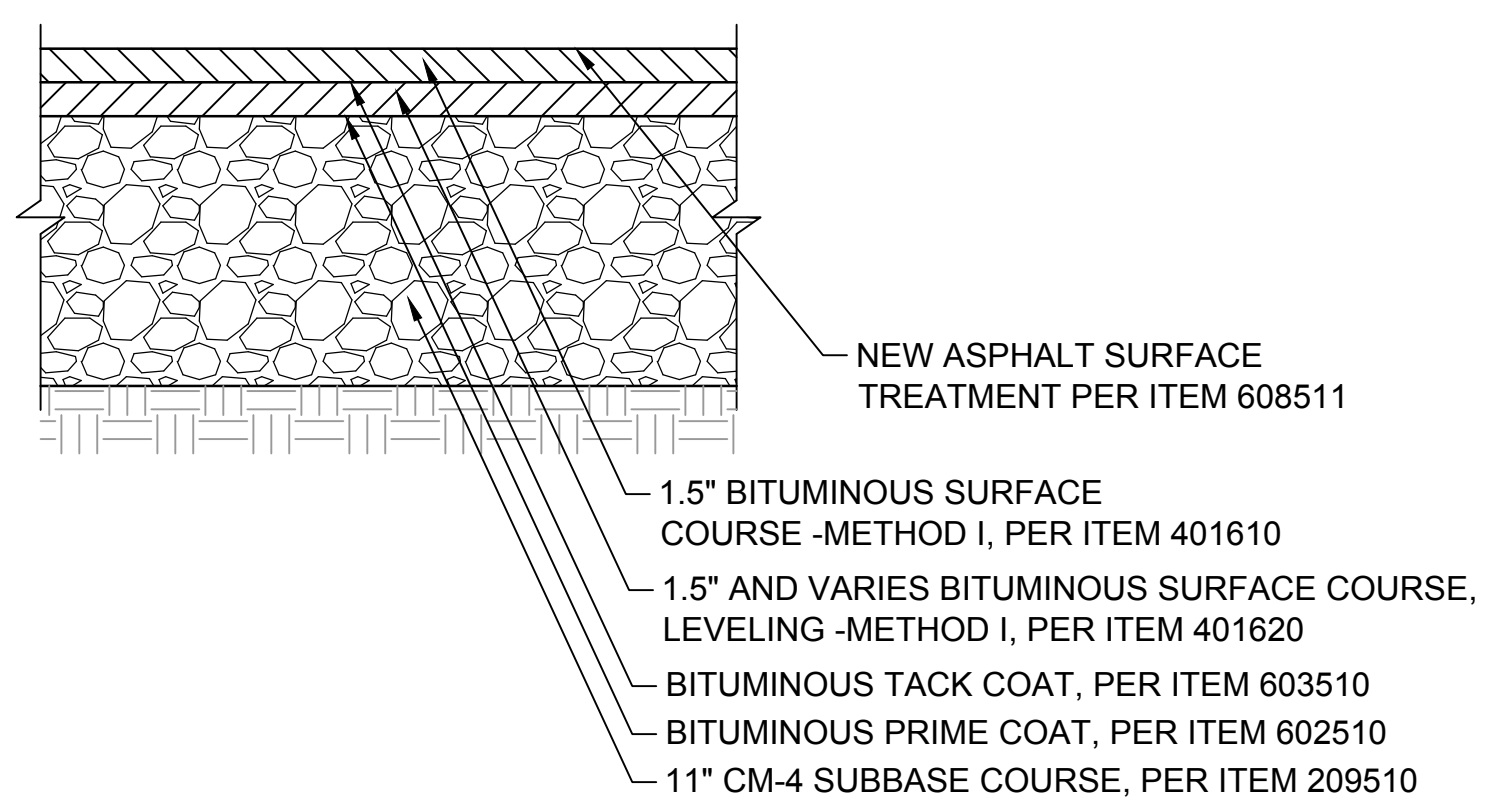
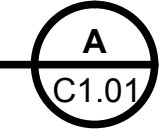
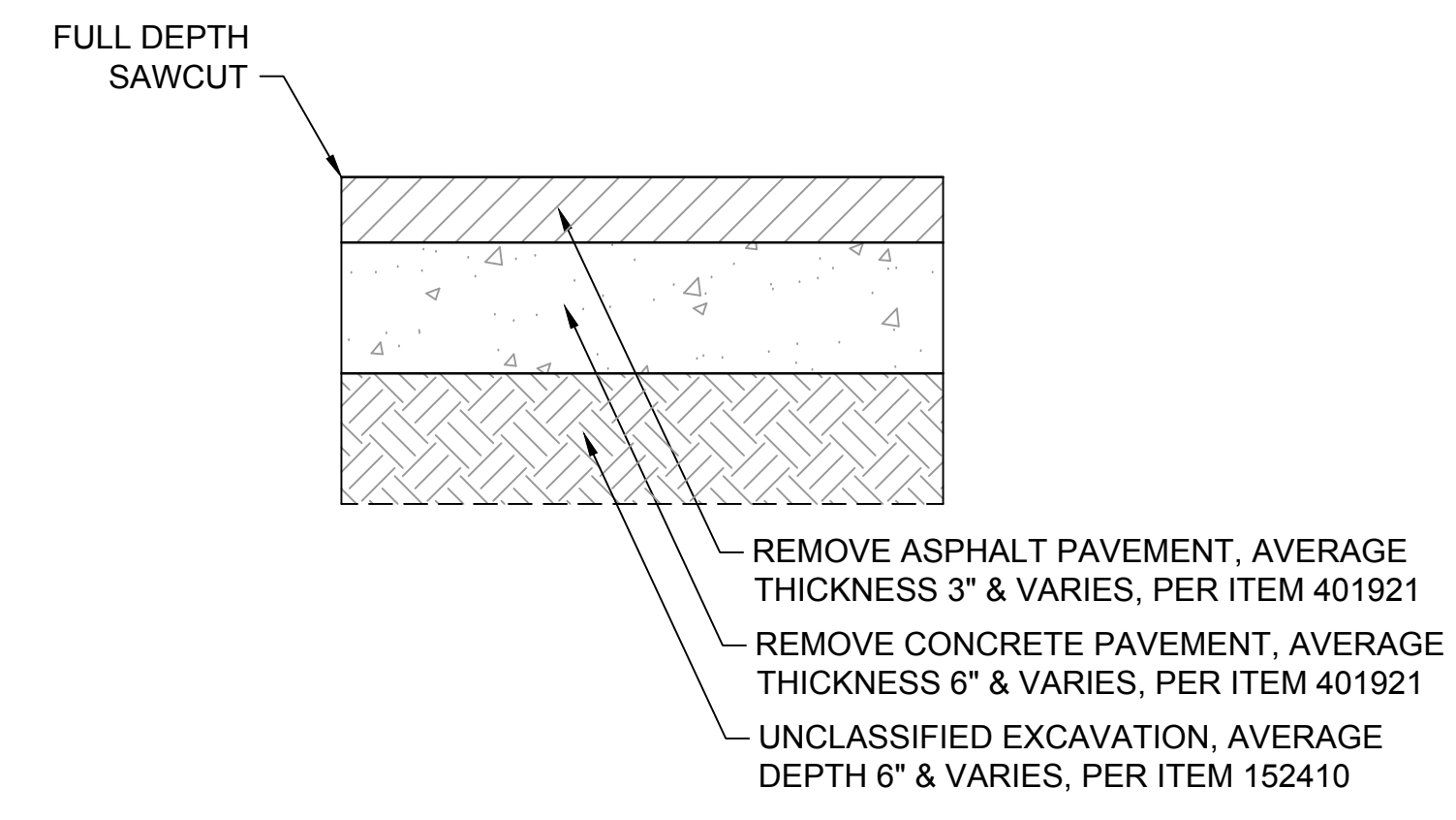
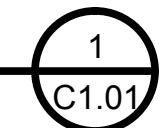
Scale For Microfitting
Millimeters
Inches

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RAMP INLET RECONSTRUCTION
 NOT TO SCALE



date	12/12/2014	detailed	J. YAHYA
designed	J. YAHYA	checked	B. QUINLAN



RAMP REHABILITATION		
DRAINAGE AND PAVEMENT DETAILS		
project	contract	
81158	RA015	
drawing	rev.	
C6.01 - 0		
sheet	of	sheets
17	17	
file 81158_C6.01_DRAINAGE DET.DWG		

Scale For Microfining
 Millimeters

Inches

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