



**City of Phoenix  
Office of the City Engineer  
Design and Construction Procurement**

**PROJECT NO. AV31000094 ADOT  
DEER VALLEY AIRPORT BLAST PADS**

**ADDENDUM NO. 1**

ISSUE DATE: May 25, 2023

Bidders are hereby notified that the Bidding and Contract Documents for the above project, for which Bids are to be received on May 31, 2023, are amended as follows:

Q1.	With the removal of the sealcoat alternate from project will the crack filling still be required?
A1.	Yes, the crack filling will be completed after the milling of the existing blast pad and before placement of 2" overlay.
Q2.	Are the boring/coring logs available?
A2.	Yes, please see attached Appendix 2.
Q3.	Will a pre-emergent be required. If so, where?
A3.	A pre-emergent should be applied to any subgrade areas prior to replacing the Rock Mulch. Reference attached changes to bid documents.
Q4.	What are the depths of the existing asphalt that will be removed at the tie in points of the 7L/25R blast pads and the 7R/25L blast pads.
A4.	The existing asphalt on the blast pads/shoulders are anticipated to be between 4-5" thick.

Technical Specifications

1. **REPLACE:** Delete Page P-3 and replace with the attached P-3 Revised
2. **INSERT:** Insert attached Item M-215 Herbicide Application
3. **INSERT:** Insert attached Boring Logs as Appendix 2

Plan Sheets:

1. Sheet 5 - (G105): Replace this sheet with the attached revised Sheet G105.
2. Sheet 16 - (C301): Replace this sheet with the attached revised Sheet C301.
3. Sheet 17 - (C302): Replace this sheet with the attached revised Sheet C302.

**NOTE: Bidders must acknowledge receipt of this Addendum by listing the number and date, where provided, on the PROPOSAL P-1.**

**END OF ADDENDUM**

**CITY OF PHOENIX  
BID PROPOSAL**

PROJECT NO. AV31000094

ITEM NO.	BID (OR) M NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
32	L-110-5.2	SINGLE-WAY, (1) - 2" CONDUIT, CONCRETE ENCASED	LF	785.00		\$0.00
33	L-110-5.3	MULTIPLE-WAY (2) - 2" CONDUIT, CONCRETE ENCASED	LF	120.00		\$0.00
34	L-115-5.1	INSTALL NEW CABLE RACKS (4 EACH) AND DRILL SUMP IN EXISTING 4'X4'X4' HAND HOLE	EA	4.00		\$0.00
35	L-115-5.2	NEW PVC RGL ISOLATION BOXES AND CONDUITS IN EXISTING 4'X4'X4' HAND HOLE (IF REQUIRED)	EA	2.00		\$0.00
36	L-115-5.3	ADJUST EXISTING CONCRETE HAND HOLE LID TO NEW GRADE	EA	2.00		\$0.00
37	L-125-5.1	NEW ELEVATED L-861E QUARTZ RUNWAY THRESHOLD / END LIGHT (RED) & ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	EA	16.00		\$0.00
38	L-125-5.2	NEW ELEVATED L-861E QUARTZ RUNWAY THRESHOLD / END LIGHT (RED/GREEN) & ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	EA	8.00		\$0.00
39	L-125-5.3	NEW ELEVATED L-861E QUARTZ RUNWAY THRESHOLD LIGHT (RED/GREEN) & ISOLATION TRANSFORMER ON NEW L-868 BASE CAN WITH CONVERSION BASE PLATES	EA	4.00		\$0.00
40	L-125-5.4	INSTALL EXISTING TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER ON EXISTING L-867 BASE	EA	2.00		\$0.00
41	L-125-5.5	New 4.5" L-867B Extension Ring Adjustment & Concrete Surround On Existing Elevated Edge Light	EA	1.00		\$0.00
42	50-07.1	CONSTRUCTION SURVEY AND LAYOUT	LS	1.00		\$0.00
43	C-100	CONTRACTOR QUALITY CONTROL PROGRAM (QCQP)	LS	1.00		\$0.00
44	C-102-5.1a	TEMPORARY AIR AND WATER POLUTION, SOIL EROSION AND SILTATION CONTROL (SWPPP)	LS	1.00		\$0.00
45	C-102-5.1b	CONSTRUCTION WATER	LS	1.00		\$0.00
46	C-105	MOBILIZATION - DEMOBILIZATION	LS	1.00		\$0.00
47	M-003-8.1	AIRPORT SAFETY AND SECURITY	LS	1.00		\$0.00
48	M-215-5.1	PRE-EMERGENT HERBICIDE	SY	3,150.00		\$0.00
<b>BASE BID (ITEMS 1 THROUGH 48 - INCLUSIVE)</b>						<b>\$0.00</b>
& ____/100 DOLLARS						
WRITTEN WORDS						

Prepared By:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Position/Title

\_\_\_\_\_  
Firm Name

## **ITEM M-215 Herbicide Application**

### **DESCRIPTION**

**215-1.1 GENERAL.** This item shall consist of furnishing and the application of pre-emergence herbicide to the infield areas as directed by the RPR.

### **EQUIPMENT AND MATERIALS**

**215-2** The pre-emergent herbicide furnished by the contractor shall be Trifluralin, Arsenal or an approved equal.

### **APPLICATION**

**215-3** Application of the herbicide shall be performed with spraying equipment required by trade standards in accordance with the manufacturer's specification. The herbicide shall be dissolved in water and applied as a solution in accordance with the manufacturer's recommendations. The concentration of the solution and the application rate shall be in accordance with the manufacturer's specifications.

After all grading operations are completed at the specified density and moisture content and accepted by the RPR, a pre-emergence herbicide will be applied to the newly completed subgrade in accordance with the licensed applicator's recommendations.

All herbicide application and handling shall be as recommended by the manufacturer and in accordance with the manufacturer's safety guidelines and shall be applied by a contractor that is licensed to do this work.

### **METHOD OF MEASUREMENT**

**215-4** The herbicide application will be measured by the square yard.

### **BASIS OF PAYMENT**

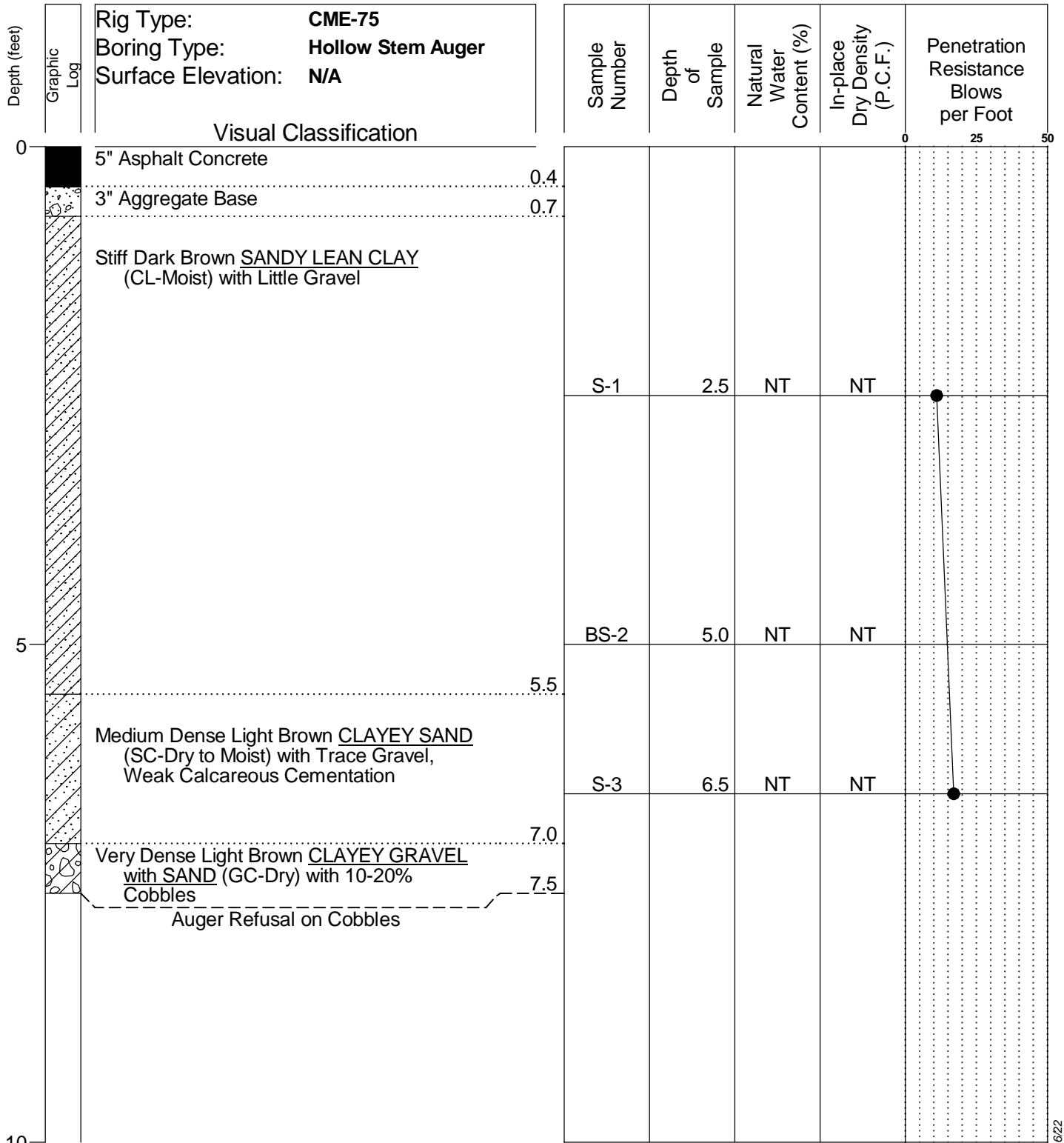
**215-5** Payment for the application of pre-emergent herbicide for subgrade preparation shall be made at the contract unit price per square yard. This price shall be full compensation for furnishing all separate applications, materials, and for all labor, equipment, tools and incidentals necessary to complete this item.

Payment will be made under:

Item M-215-5.1 Pre-emergent herbicide application – per square yard.

End of item M-215

## Appendix 2



Rig Type: **CME-75**  
 Boring Type: **Hollow Stem Auger**  
 Surface Elevation: **N/A**

**Visual Classification**

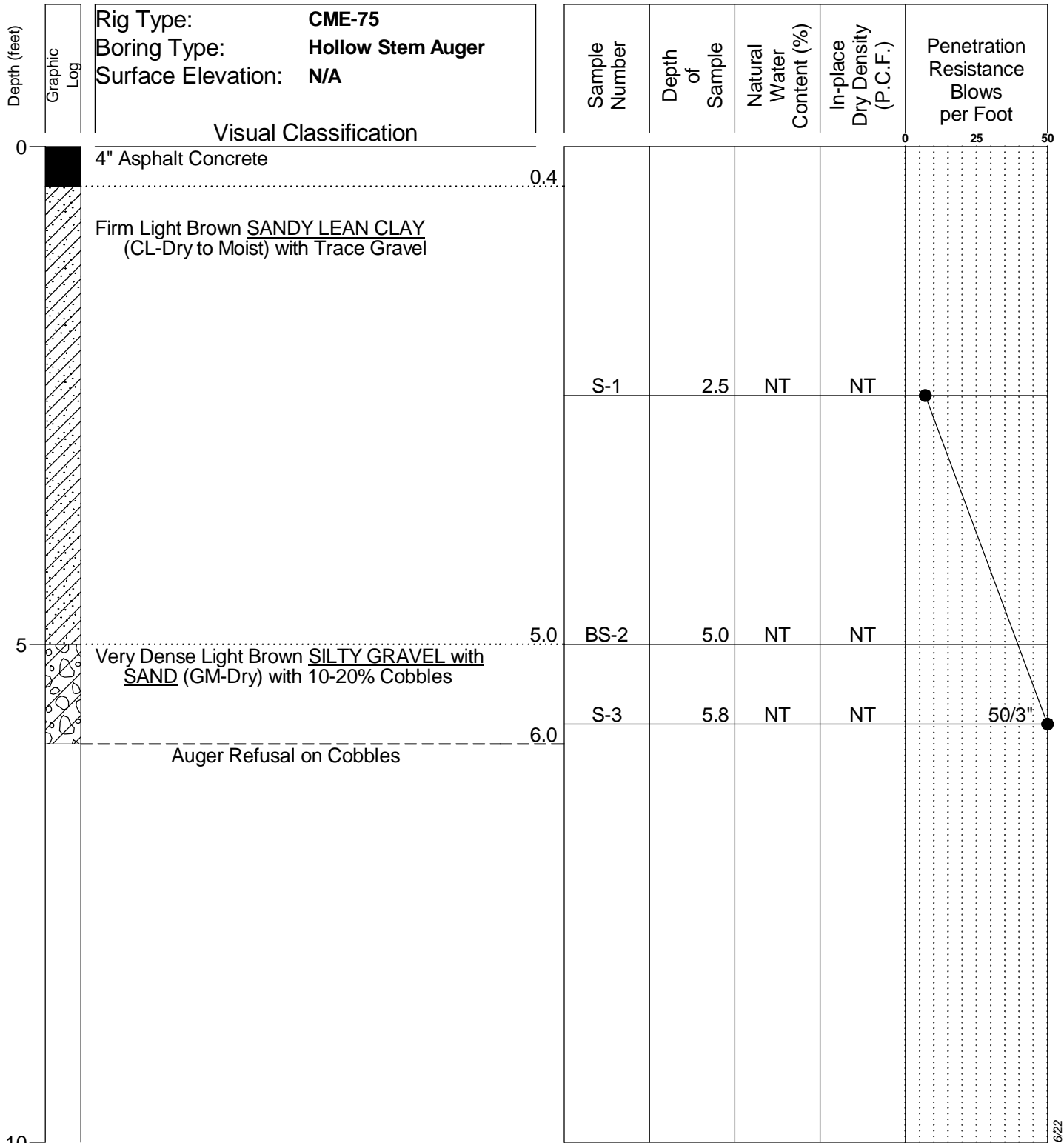
0  
 5" Asphalt Concrete 0.4  
 3" Aggregate Base 0.7  
 Stiff Dark Brown SANDY LEAN CLAY (CL-Moist) with Little Gravel  
 5  
 Medium Dense Light Brown CLAYEY SAND (SC-Dry to Moist) with Trace Gravel, Weak Calcareous Cementation 5.5  
 Very Dense Light Brown CLAYEY GRAVEL with SAND (GC-Dry) with 10-20% Cobbles 7.0  
 Auger Refusal on Cobbles 7.5  
 10

Boring Date: **9-29-22**  
 Field Engineer/Technician: **K. Euge II**  
 Driller: **Tucker**  
 Contractor: **Resilient Drilling**

Water Level		
Depth	Hour	Date
<b>Free Water was Not Encountered</b>		

NT = Not Tested

**SPEEDIE AND ASSOCIATES**  
 Log of Test Boring Number: **B-1**  
 Deer Valley Airport Blast Pads  
 702 West Deer Valley Road  
 Phoenix, Arizona  
 Project No.: **221567SA**



Boring Date: 9-29-22  
 Field Engineer/Technician: K. Euge II  
 Driller: Tucker  
 Contractor: Resilient Drilling

Water Level		
Depth	Hour	Date
Free Water was Not Encountered		

NT = Not Tested

**SPEEDIE AND ASSOCIATES**

Log of Test Boring Number: B-2

Deer Valley Airport Blast Pads

702 West Deer Valley Road

Phoenix, Arizona

Project No.: 221567SA

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**ESTIMATED EARTHWORK**

\*NO SHRINKAGE INCLUDED, BASED ON SURFACE COMPARISON LESS EXISTING PAVEMENT SECTION TO TOP OF NEW SUBGRADE (P-152).

RUNWAY 7L/25R		
CUT	FILL	NET
300 CY	418 CY	118 CY FILL

RUNWAY 7R/25L		
CUT	FILL	NET
490 CY	2 CY	488 CY CUT

**DEER VALLEY AIRPORT  
 BLAST PADS  
 ESTIMATED QUANTITIES  
 May 1, 2023**

Item No.	Spec. No.	Item and Description	Unit	Estimated Quantities	As-Built Quantities
1	P-101-5.1	AC PAVEMENT REMOVAL	SY	573	
2	P-101-5.2	JOINT AND CRACK REPAIR (1/4"-1-1/2")	LF	2,900	
3	P-101-5.3	JOINT AND CRACK REPAIR (1-1/2"-2-1/2")	LF	600	
4	P-101-5.4	COLD MILLING (VARIABLE 0"-2")	SY	196	
5	P-101-5.5	COLD MILLING (2")	SY	3,268	
6	P-101-5.6	SAWCUT AC PAVEMENT	LF	1,809	
7	P-101-5.7	REMOVE, STORE AND RELAY ROCK MULCH	SY	6,755	
8	P-152-5.1	UNCLASSIFIED EXCAVATION	CY	790	
9	P-152-5.2	BORROW EXCAVATION	CY	118	
10	P-152-5.3	SUBGRADE PREPARATION - 8"	SY	4,154	
11	P-155-8.1	LIME TREATED SUBGRADE - 6"	SY	1,672	
12	P-155-8.2	LIME TREATED SUBGRADE - 7"	SY	1,672	
13	P-155-8.3	LIME	TONS	60	
14	P-209-5.1	CRUSHED AGGREGATE BASE COURSE 6"	SY	3,256	
15	P-209-5.2	CRUSHED AGGREGATE BASE COURSE 16"	SY	740	
16	P-403-8.1	ASPHALT PAVEMENT SURFACE COURSE	TONS	1,351	
17	P-403-8.2	ASPHALT PAVEMENT LEVELING COURSE	TONS	40	
18	P-620-5.1	PAVEMENT MARKING YELLOW WITH BEADS	SF	7,662	
19	P-620-5.2	PAVEMENT MARKING WHITE WITH BEADS	SF	3,415	
20	P-620-5.3	TEMPORARY RUNWAY AND TAXIWAY MARKING	SF	11,077	
21	L-100-5.1	REMOVE AND SALVAGE RUNWAY THRESHOLD / END LIGHT & ISOLATION TRANSFORMER, REMOVE EXISTING BASE CAN	EA	28	
22	L-100-5.2	REMOVE AND SALVAGE TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER, REMOVE EXISTING BASE CAN	EA	2	
23	L-100-5.3	REMOVE AND SALVAGE TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER, EXISTING BASE CAN TO REMAIN, INSTALL TEMPORARY PLYWOOD COVER	EA	2	
24	L-100-5.4	EXCAVATE AND REMOVE EXISTING CONDUIT & CONDUCTOR	LF	1,030	
25	L-100-5.5	REMOVE EXISTING CONDUIT, CONDUIT TO REMAIN	LF	1,325	
26	L-100-5.7	REMOVE EXISTING CONCRETE HAND HOLE LID FOR ADJUSTING TO NEW GRADE	EA	2	
27	L-100-5.8	TEMPORARY AIRFIELD LIGHTING (RUNWAY 7R/25L THRESHOLD) AND CABLE JUMP	LS	1	
28	L-108-5.1	L-824, TYPE C, 1/C #8 AWG, 5KV CABLE, W/ #6 BARE COPPER GROUND	LF	1,455	
29	L-108-5.2	L-824, TYPE C, 2/C #8 AWG, 5KV CABLE, W/ #6 BARE COPPER GROUND	LF	885	
30	L-108-5.3	3-#10, #10 GROUND AND 2-#12 REIL TRIGGER CABLE	LF	490	
31	L-110-5.1	SINGLE-WAY, (1) - 2" CONDUIT, SLURRY ENCASED	LF	130	
32	L-110-5.2	SINGLE-WAY, (1) - 2" CONDUIT, CONCRETE ENCASED	LF	785	
33	L-110-5.3	MULTIPLE-WAY (2) - 2" CONDUIT, CONCRETE ENCASED	LF	120	
34	L-115-5.1	INSTALL NEW CABLE RACKS (4 EACH) AND DRILL SUMP IN EXISTING 4'X4' HAND HOLE	EA	4	
35	L-115-5.2	NEW PVC RGL ISOLATION BOXES AND CONDUITS IN EXISTING 4'X4' HAND HOLE (IF REQUIRED)	EA	2	
36	L-115-5.3	ADJUST EXISTING CONCRETE HAND HOLE LID TO NEW GRADE	EA	2	
37	L-125-5.1	NEW ELEVATED L-861E QUARTZ RUNWAY THRESHOLD / END LIGHT (RED) & ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	EA	16	
38	L-125-5.2	NEW ELEVATED L-861E QUARTZ RUNWAY THRESHOLD / END LIGHT (RED/GREEN) & ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	EA	8	
39	L-125-5.3	NEW ELEVATED L-861E QUARTZ RUNWAY THRESHOLD LIGHT (RED/GREEN) & ISOLATION TRANSFORMER ON NEW L-868 BASE CAN WITH CONVERSION BASE PLATES	EA	4	
40	L-125-5.4	INSTALL EXISTING TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER ON EXISTING L-867 BASE	EA	2	
41	L-125-5.5	New 4.5" L-867B Extension Ring Adjustment & Concrete Surround On Existing Elevated Edge Light	EA	1	
42	50-07.1	CONSTRUCTION SURVEY AND LAYOUT	LS	1	
43	C-100	CONTRACTOR QUALITY CONTROL PROGRAM (QCQP)	LS	1	
44	C-102-5.1a	TEMPORARY AIR AND WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL (SWPPP)	LS	1	
45	C-102-5.1b	CONSTRUCTION WATER	LS	1	
46	C-105	MOBILIZATION - DEMOBILIZATION	LS	1	
47	M-083-5.1	AIRPORT SAFETY AND SECURITY	LS	1	
48	M-215-5.1	PRE-EMERGANT HERBICIDE	SY	3,150	



PER CITY OF PHOENIX CITY  
 CODE CHAPTER 2, SECTION  
 2-28, THESE PLANS ARE FOR  
 OFFICIAL USE ONLY AND MAY  
 NOT BE REPRODUCED OR  
 COPIED IN ANY MANNER  
 WITHOUT THE WRITTEN  
 PERMISSION OF THE  
 CONTRACTOR'S CONTRACT  
 WITH THE CITY OF PHOENIX.

NO.	REVISIONS / SUBMISSIONS	DATE
1	REMOVE SEALCOAT ALTERNATE	5/01/23
2	ADDENDUM #1 - ADD PRE-EMERGENT	5/24/23

**PHX DVT CYR**  
 CITY OF PHOENIX AVIATION DEPARTMENT  
**PHOENIX DEER VALLEY AIRPORT**  
**RUNWAYS 7L/25R AND 7R/25L BLAST PADS**  
 702 W. DEER VALLEY RD.,  
 PHOENIX, ARIZONA 85027

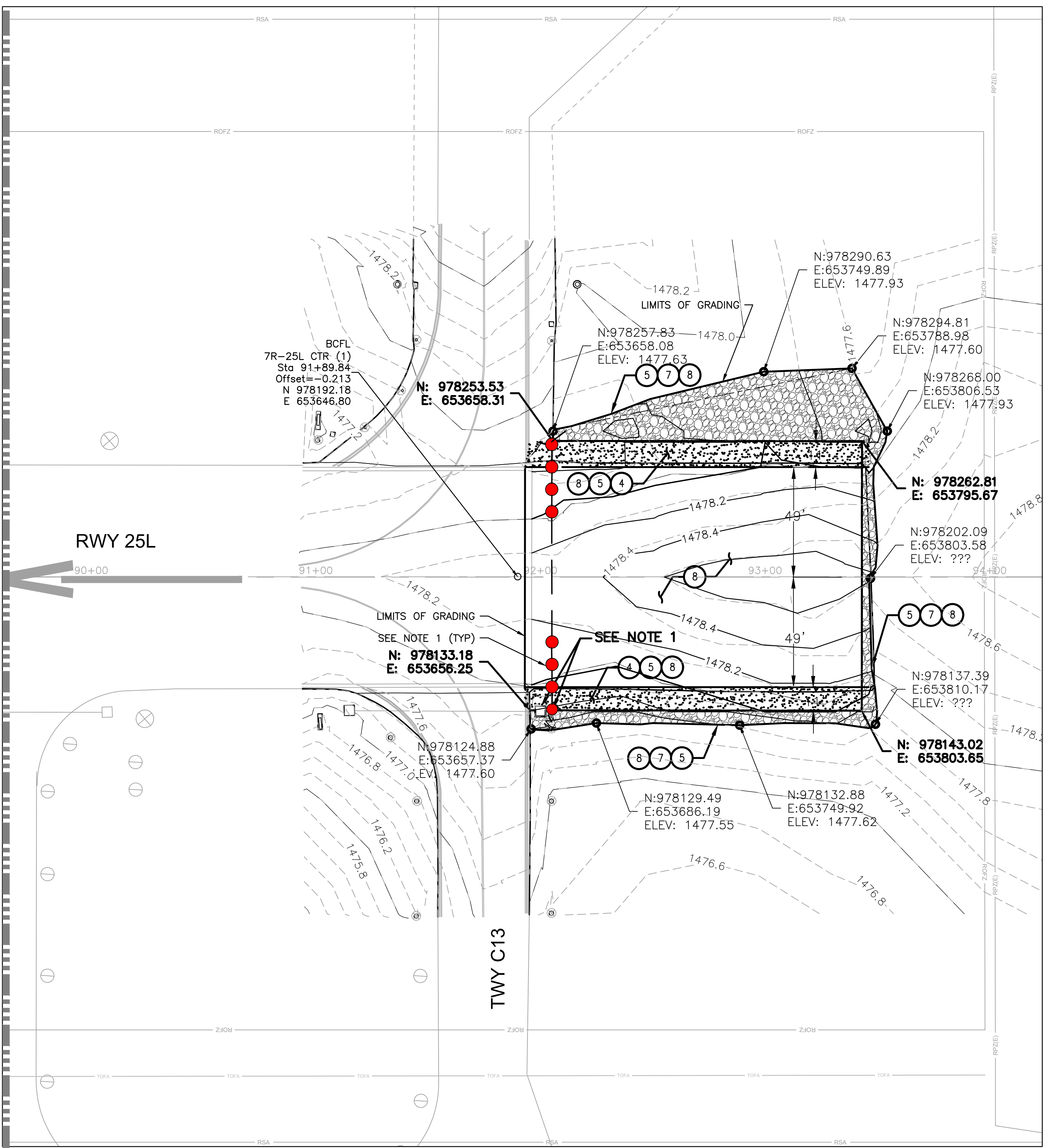
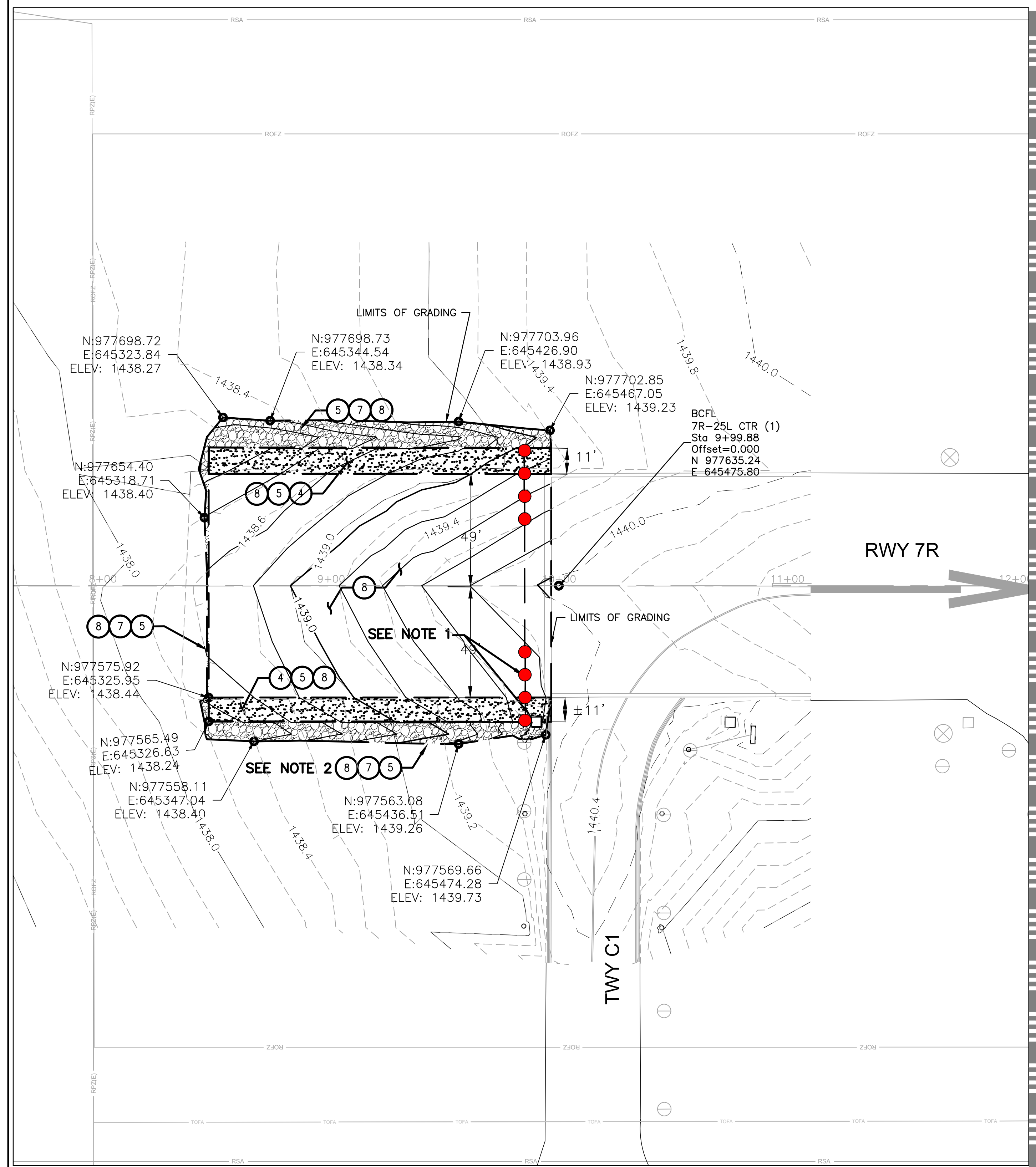
Designed by: OAC	RSC
Drawn by: MS	MS
Checked by: MS	MS
Date: 2/1/2023	AS NOTED
Dwg. scale:	AS NOTED

Sheet Overview Title	<b>QUANTITIES</b>
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**CONSTRUCTION NOTES**

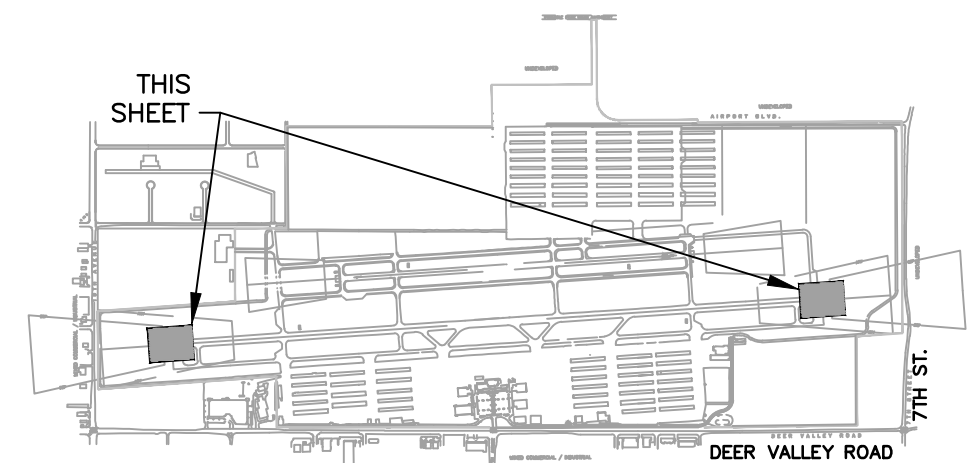
- ④ — CLEAR AND EXCAVATE EXISTING AREA TO MINIMUM DEPTH PER PAVEMENT DETAIL 1, SHEET G112
- ⑤ — REMOVE AND SALVAGE ROCK SHOULDER LIMITS PER PLAN
- ⑦ — APPLY PRE-EMERGENT & REPLACE ROCK SHOULDER WITH SALVAGED MATERIAL, LIMITS PER PLAN
- ⑧ — RE-GRADE AREA PER PROPOSED GRADES AND ELEVATIONS

**GENERAL NOTES**

1. SEE ELECTRICAL SHEETS FOR THRESHOLD LIGHTING WORK AND REQUIREMENTS.
2. COLORED ROCK/MULCH SHOULDER MATERIAL SHALL BE CAREFULLY REMOVED AND REMAIN FREE OF CONTAMINATION AT ALL TIMES. REMOVED MATERIAL NOT IMMEDIATELY REPLACED DURING THIS PROJECT SHALL BE STORED AND STOCKPILED IN A LOCATION AS DIRECTED BY AIRPORT OFFICIALS FOR LATER USE.
3. SEE SHEETS C601-C604 FOR CROSS SECTIONS.

**LEGEND**

- NEW AC PAVEMENT
- COLORED ROCK / MULCH TO BE SALVAGED AND REPLACED



N

SCALE 1"=30'

Contact Arizona 811 at least two full working days before you begin excavation

Call 811 or click Arizona811.com



PER CITY OF PHOENIX CITY  
 CODE CHAPTER 2, SECTION  
 2-28, THESE PLANS ARE FOR  
 OFFICIAL USE ONLY AND MAY  
 NOT BE REPRODUCED OR  
 COPIED IN ANY MANNER  
 WITHOUT THE WRITTEN  
 PERMISSION OF THE  
 CONTRACTOR'S CONTRACT  
 WITH THE CITY OF PHOENIX.

ADDENDUM #1 - ADD	5/24/23	NO.	REVISIONS / SUBMISSIONS	DATE
PRE-EMERGENT				

**PHX DVT CYR**  
 CITY OF PHOENIX AVIATION DEPARTMENT  
 PHOENIX DEER VALLEY AIRPORT  
 RUNWAYS 7L/25R AND 7R/25L BLAST PADS  
 702 W. DEER VALLEY RD.,  
 PHOENIX, ARIZONA 85027

Designed by: OAC	Drawn by: RSC	Checked by: MS	Date: 2/1/2023	Dwg. scale: AS NOTED
CIP NO.(S): AV31000094				

Sheet Overview Title  
**RUNWAY 7R/25L BLAST PADS  
 GRADING AND DRAINAGE PLAN 1**

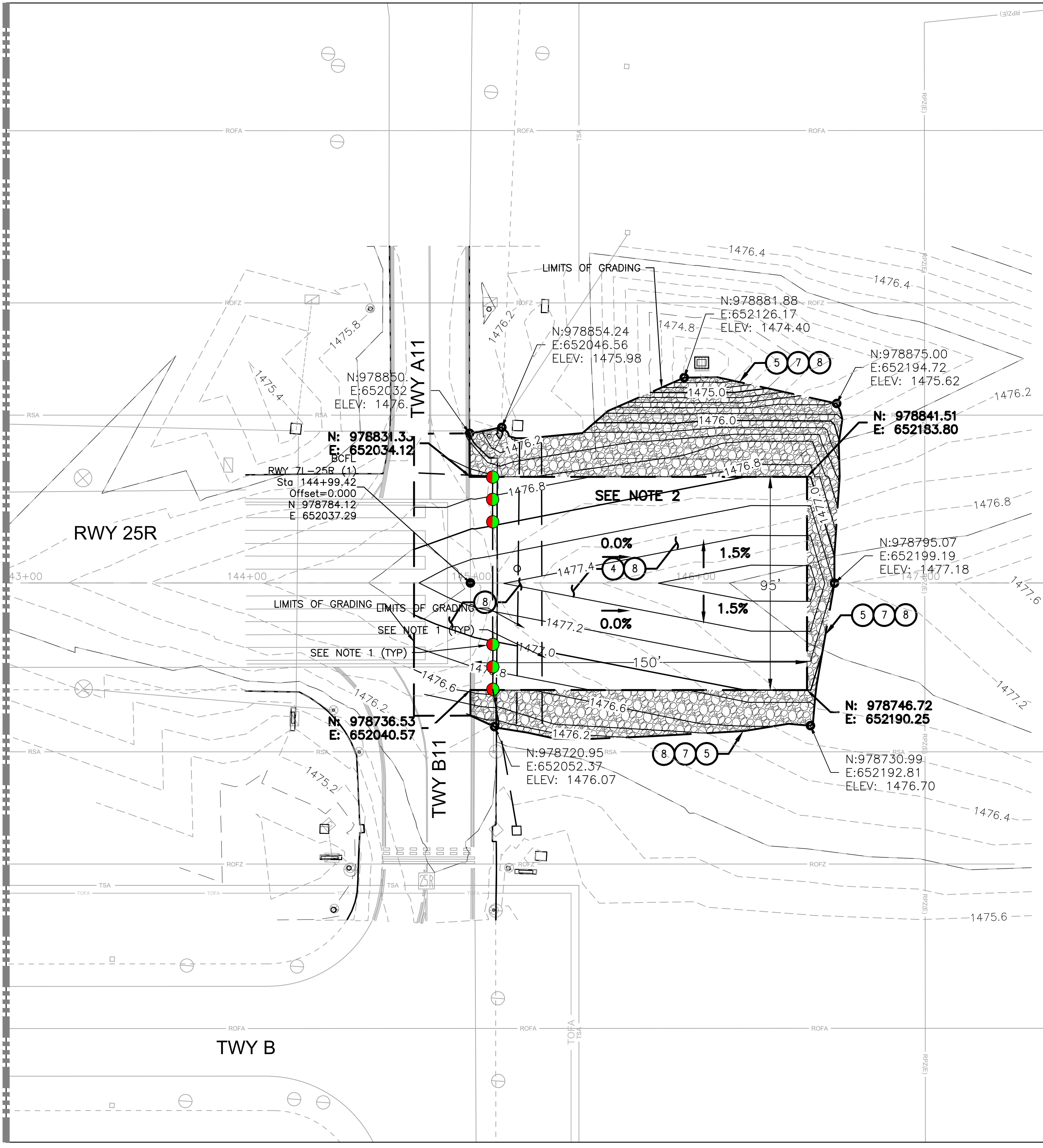
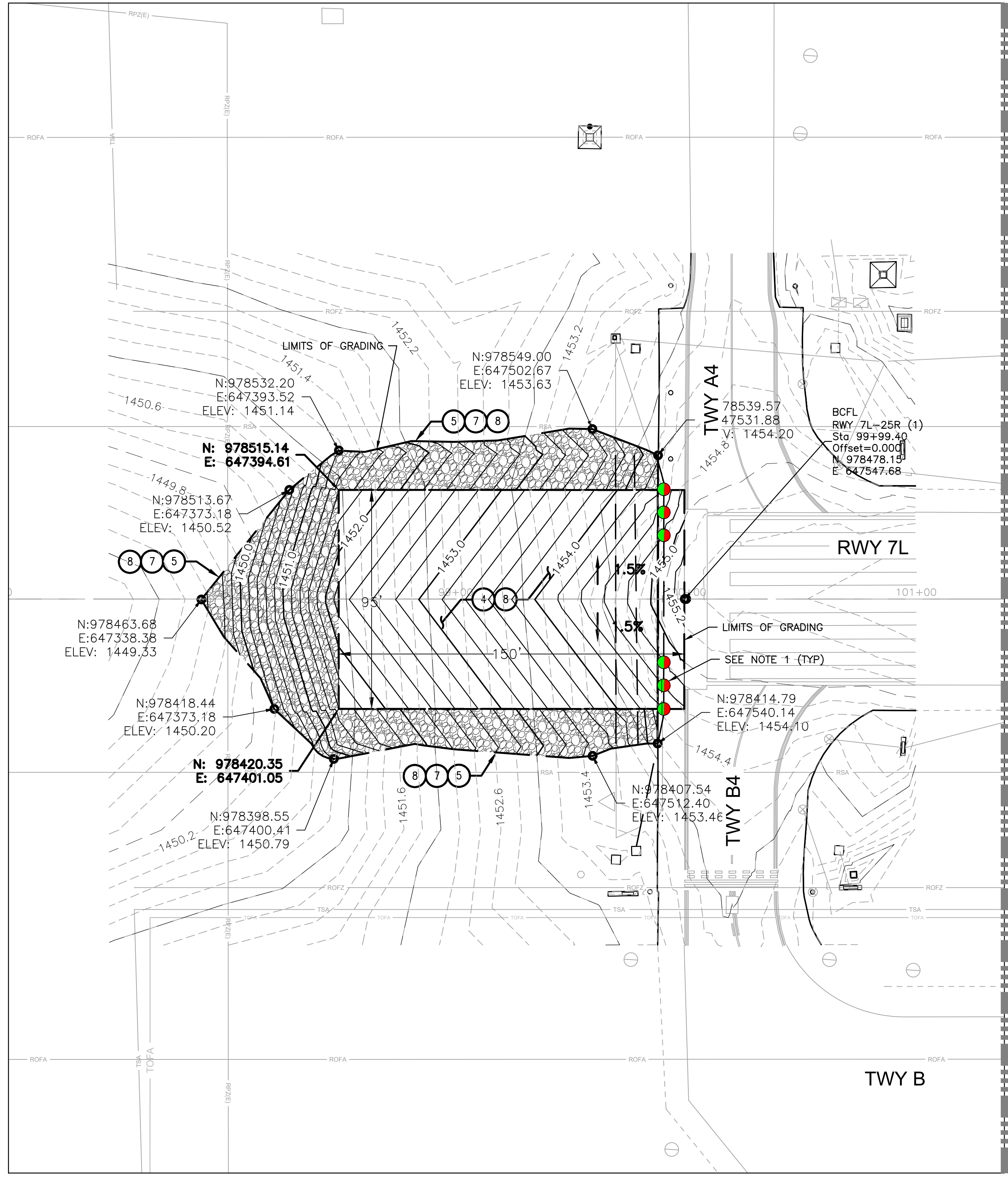
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**C301**  
 Sheet 16 of 38



ADDENDUM #1 - ADD PRE-EMERGENT	NO.	REVISIONS / SUBMISSIONS	DATE

Designed by: OAC	RSC
Drawn by: RSC	MS
Checked by: MS	2/1/2023
Date:	AS NOTED
Dwg. scale:	
CIP NO.(S): AV31000094	

Sheet Overview Title  
**RUNWAY 7L/25R BLAST PADS  
GRADING AND DRAINAGE PLAN 2**



**CONSTRUCTION NOTES**

- ④ — CLEAR AND EXCAVATE EXISTING AREA TO MINIMUM DEPTH PER PAVEMENT DETAIL 2&3, SHEET G112
- ⑤ — REMOVE AND SALVAGE ROCK SHOULDER, LIMITS PER PLAN
- ⑦ — APPLY PRE-EMERGENT & REPLACE ROCK SHOULDER WITH SALVAGED MATERIAL, LIMITS PER PLAN
- ⑧ — RE-GRADE AREA PER PROPOSED GRADES AND ELEVATIONS

**GENERAL NOTES**

1. SEE ELECTRICAL SHEETS FOR THRESHOLD LIGHTING WORK AND REQUIREMENTS.
2. NEW BLAST PAD EAST OF 25R TO HAVE 0.0% TRAVERSE GRADING IN PREPARATION FOR FUTURE RUNWAY EXTENSION.
3. COLORED ROCK/MULCH SHOULDER MATERIAL SHALL BE CAREFULLY REMOVED AND REMAIN FREE OF CONTAMINATION AT ALL TIMES. REMOVED MATERIAL NOT IMMEDIATELY REPLACED DURING THIS PROJECT SHALL BE STORED AND STOCKPILED IN A LOCATION AS DIRECTED BY AIRPORT OFFICIALS FOR LATER USE.

**LEGEND**

COLORED ROCK / MULCH TO BE SALVAGED AND REPLACED

