

CADD FILE: AIRP04068-01 G-000.dwg PLOTTED DATE: 2026/09/03 AT 17:37:52 PLOTTED BY: JOHNSON, TANNER



DISTRICT OF
Vanderhoof

VANDERHOOF AIRPORT RUNWAY 07-25 TURN PADS (CAU4)

VANDERHOOF, B.C.

TETRA TECH PROJECT NO. TRN.AIRP04068-01

ISSUED FOR TENDER

SEPTEMBER 03, 2026

GENERAL DRAWING INDEX

- G-000 - COVER SHEET
G-101 - PLAN OF CONSTRUCTION OPERATIONS (PCO)

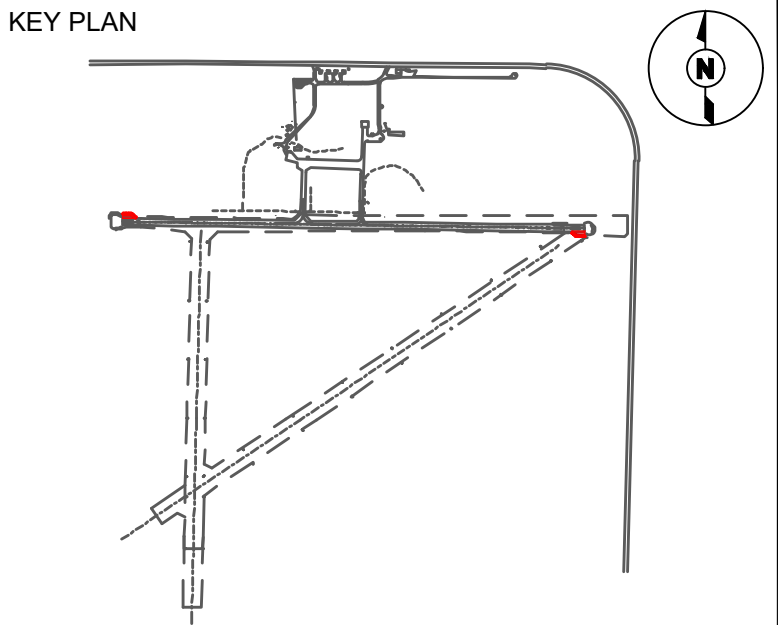
CIVIL DRAWING INDEX

- C-101 - SITE PLAN AND GEOMETRY
C-200 - RUNWAY 07 END DEMOLITION PLAN
C-201 - RUNWAY 07 END TURN PAD DESIGN
C-202 - RUNWAY 07 END TURN PAD SECTIONS
C-211 - RUNWAY 07 END PAINT MARKINGS
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ELECTRICAL DRAWING INDEX

- ELA1 - ELECTRICAL LAYOUT
EDE1 - ELECTRICAL DETAILS

THE CONTENT OF THIS DOCUMENT IS NOT INTENDED FOR THE USE OF, NOR IS IT INTENDED TO BE RELIED UPON BY ANY PERSON, FIRM OR CORPORATION OTHER THAN THE CLIENT AND TETRA TECH CANADA INC., TETRA TECH CANADA INC. DENIES ANY LIABILITY WHATSOEVER TO OTHER PARTIES OR DAMAGES OR INJURY SUFFERED BY SUCH THIRD PARTY ARISING FROM THE USE OF THIS DOCUMENT BY THEM, WITHOUT THE EXPRESSED WRITTEN AUTHORITY OF TETRA TECH CANADA INC. AND OUR CLIENT. THIS DOCUMENT IS SUBJECT TO FURTHER RESTRICTIONS IMPOSED BY THE CONTRACT BETWEEN THE CLIENT AND TETRA TECH CANADA INC. AND THESE PARTIES PERMISSION MUST BE SOUGHT REGARDING THIS DOCUMENT IN ALL OTHER CIRCUMSTANCES.



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PERMIT TO PRACTICE
TETRA TECH CANADA INC.
PERMIT NUMBER: 1001972

0	TENDER	2026/09/03	C.Y.
REV	ISSUED FOR	DATE	APPD

DISTRICT OF
Vanderhoof

**VANDERHOOF AIRPORT
RUNWAY 07-25 TURN PADS
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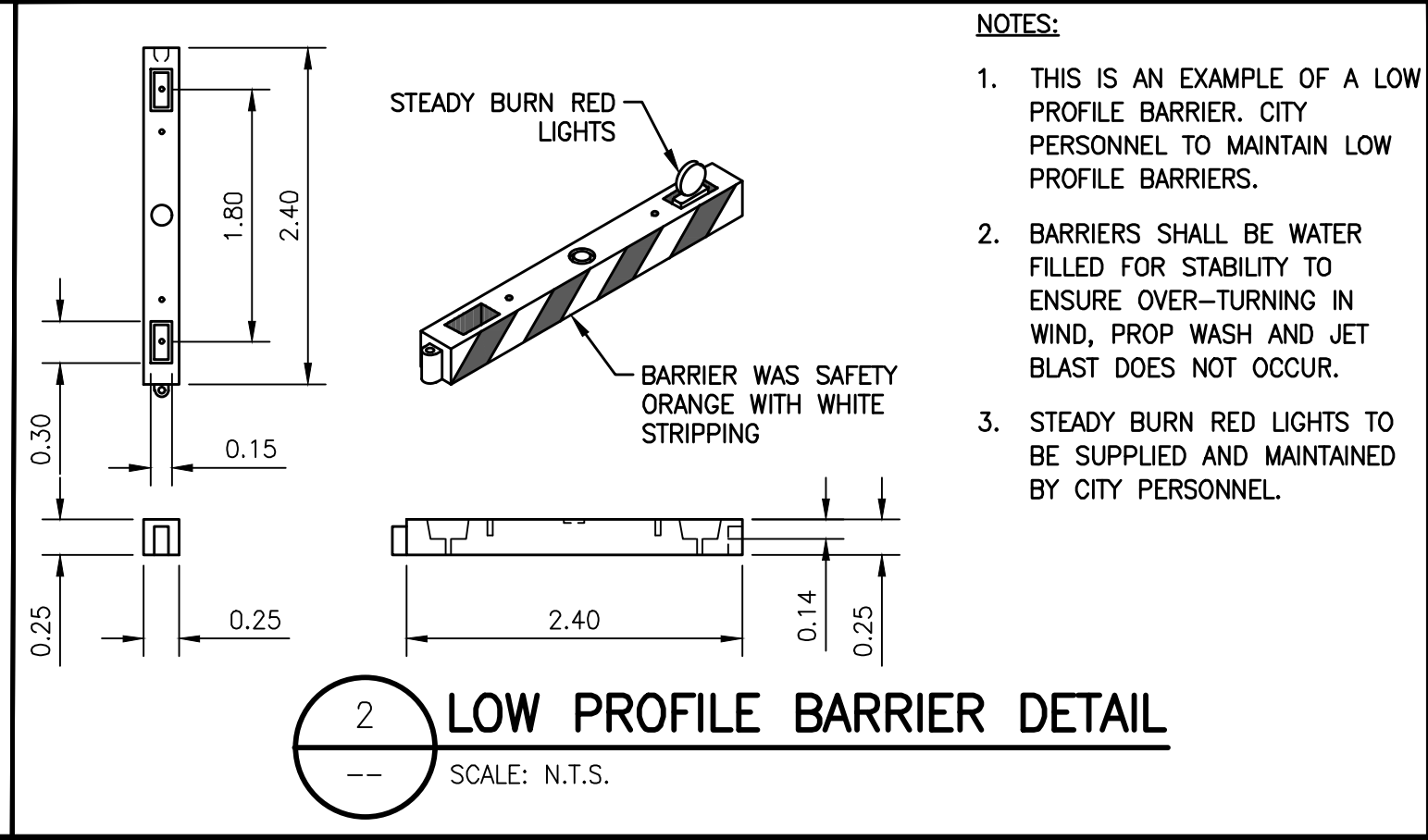
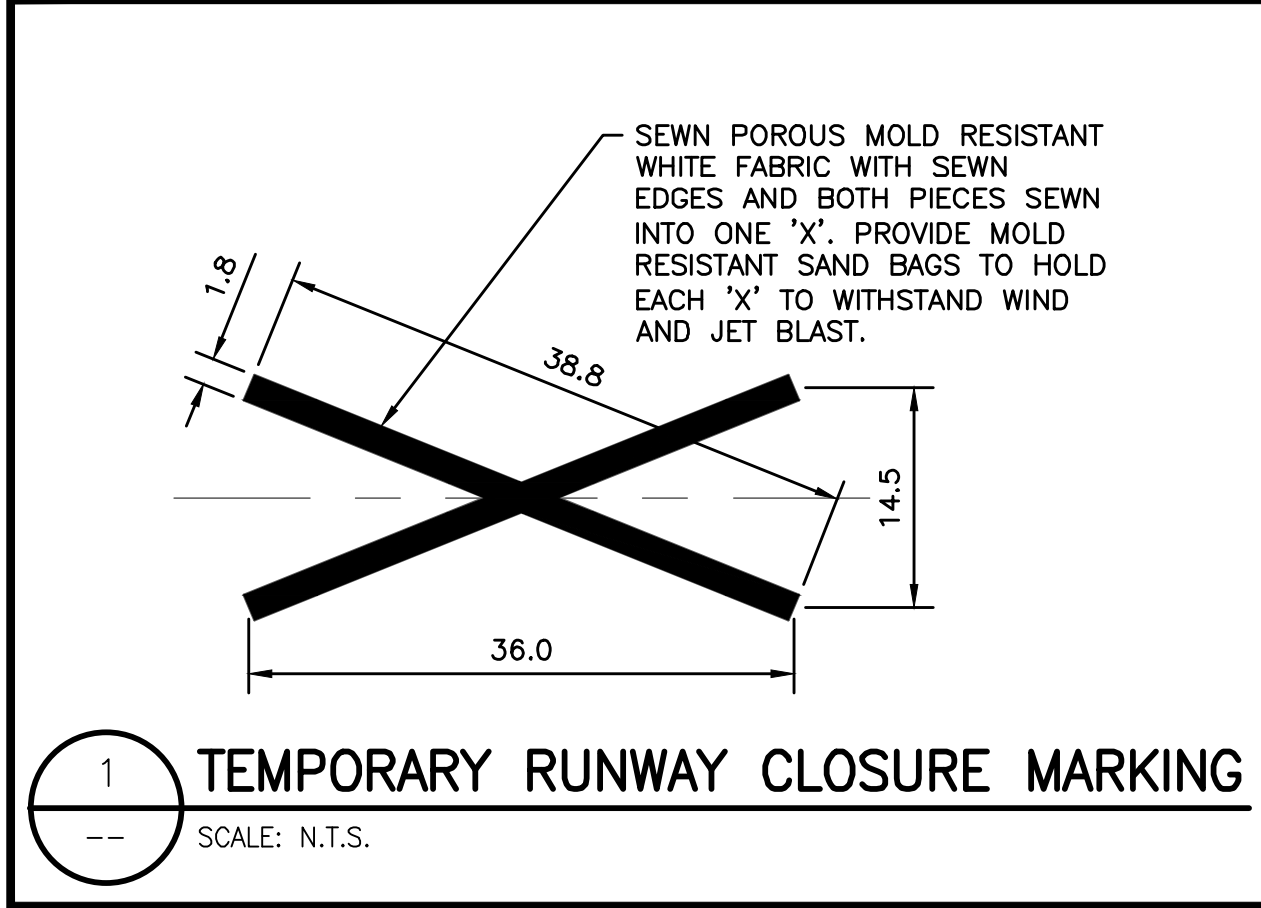
VANDERHOOF, B.C.

PROJECT NO : TRN.AIRP04068-01
CONTRACT NO : 2026-07
DRAFTED BY : M. RUDNISKI
DESIGNED BY : A. MOHAMMAD / C. YU
CHECKED BY : J. WILLMS / C. YU
APPROVED BY : C. YU

COVER SHEET

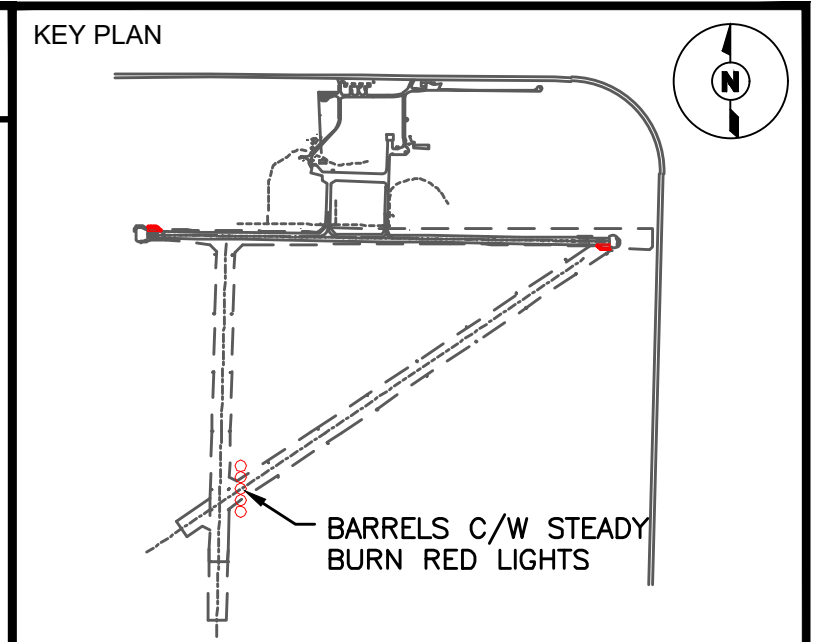
DRAWING NO : **G-000**

- OPERATIONAL RESTRICTIONS**
1. RUNWAY 07-25 NOTAM CLOSED CONTINUOUSLY FOR THE ENTIRE DURATION OF CONSTRUCTION.
 2. RUNWAY 16-34 OPEN.
 3. RUNWAY 03-21 NOTAM CLOSED CONTINUOUSLY FOR THE ENTIRE DURATION OF CONSTRUCTION.
 4. TAXI B CLOSED FOR AIR TRAFFIC FOR THE ENTIRE DURATION OF CONSTRUCTION.
 5. FIXED WING MEDEVAC AND FLIGHT TRAINING WILL HAVE ACCESS TO CAU4 RUNWAY 16-34 FOR ARRIVALS AND DEPARTURES.
 6. ROTARY WING AIRCRAFT WILL BE ABLE TO LAND AND TAKE OFF FROM APRON I.
 7. ALL ELECTRICAL AIRFIELD LIGHTS TO BE SHUTDOWN AND LOCKED OUT.
 8. CONSTRUCTION TO TAKE APPROXIMATELY 2 WEEKS FROM START TO FINISH.



- NOTES:**
1. THIS IS AN EXAMPLE OF A LOW PROFILE BARRIER. CITY PERSONNEL TO MAINTAIN LOW PROFILE BARRIERS.
 2. BARRIERS SHALL BE WATER FILLED FOR STABILITY TO ENSURE OVER-TURNING IN WIND, PROP WASH AND JET BLAST DOES NOT OCCUR.
 3. STEADY BURN RED LIGHTS TO BE SUPPLIED AND MAINTAINED BY CITY PERSONNEL.

- GENERAL AIRSIDE WORK RESTRICTIONS**
1. ALL CONSTRUCTION WORK AREAS ARE AIRSIDE, AND SHALL BE SUBJECT TO THE RULES AND REGULATIONS FOR WORKING ON AIRSIDE AT AIRPORTS.
 2. ALL ACCESS TO AIRSIDE AND MOVEMENT OF VEHICLES AND PERSONNEL ON AIRSIDE MUST BE UNDER CONTROL OF OWNER'S REPRESENTATIVE. ONLY COMPANY VEHICLES AND EQUIPMENT WILL BE ALLOWED IN THE AIRSIDE CONSTRUCTION AREA.
 3. ALL CONTRACTOR FORCES AND DELIVERY PERSONNEL SHALL FOLLOW DIRECTIONS GIVEN BY THE OWNER'S REPRESENTATIVE RELATED TO THE SAFETY OF AIRCRAFT AND AIRPORT OPERATIONS.
 4. ACCESS TO AIRSIDE IS CONTROLLED.
 5. THE CONTRACTOR SHALL ENSURE THAT ALL FORCES UNDER HIS CONTROL RECEIVE A SITE SPECIFIC SAFETY ORIENTATION PRIOR TO GOING ON AIRSIDE. THE ORIENTATION SHALL INCLUDE INFORMATION ON AIRSIDE WORK RULES AND EMERGENCY RESPONSE PLANS.
 6. SMOKING AND THE USE OF E-CIGARETTES ARE NOT PERMITTED ON AIRSIDE, INCLUDING INSIDE VEHICLES.
 7. ALL PEOPLE ON AIRSIDE ARE RESPONSIBLE TO CONTROL FOREIGN OBJECT DEBRIS (F.O.D.) AND REMOVE IT FROM THE WORK SITE.
 8. ANY PERSONNEL WORKING FOR THE CONTRACTOR, SUB-CONTRACTORS, OR TRUCKING COMPANIES FOUND TO BE IN VIOLATION OF THIS PLAN OF CONSTRUCTION OPERATIONS (PCO) AND RELATED AIRSIDE REGULATIONS SHALL BE REMOVED FROM THE AIRSIDE AND NOT ALLOWED TO RETURN.
 9. ALL ACTIVITY IN THE AIRSIDE CONSTRUCTION AREAS WILL BE MONITORED BY THE OWNER'S REPRESENTATIVES.
 10. CONTRACTOR'S FORCES SHALL FOLLOW THE DESIGNATED ROUTE TO AND FROM THE WORK AREA. ACCESS ROUTES ACROSS OPERATIONAL SURFACES TO BE KEPT IN CLEAN CONDITION AND CLEAR OF F.O.D. BY THE CONTRACTOR.
 11. TEMPORARY CLOSURE MARKERS, IF REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 12. REQUESTS FOR NOTAMS MUST BE SUBMITTED TO THE DISTRICT OF VANDERHOOF 1 WEEK PRIOR AND CONFIRMED 48 HOURS (MIN.) PRIOR TO THE PLANNED WORK.
 13. ALL PROPOSED CLOSURES OR RESTRICTIONS OF AIRFIELD PAVEMENTS ARE SUBJECT TO AIRPORT OPERATIONS AND WEATHER CONDITIONS.
 14. WHEN WORKING WITH A CLOSURE, ALL CONSTRUCTION WORK AND CLEAN-UP MUST BE COMPLETED 15 MINUTES PRIOR TO THE EXPIRY OF THE NOTAM.
 15. ALL PAVEMENT SURFACES CLOSED BY NOTAM MUST HAVE THE SURFACE SWEEPED CLEAN AND ADJACENT WORK AREA INSPECTED AND ACCEPTED BY OWNER'S REPRESENTATIVE 15 MINUTES PRIOR TO THE EXPIRY OF THE NOTAM.
 16. ALL SETBACKS FOR WORK AREAS ARE IN ACCORDANCE WITH TP312 5th EDITION.
 17. THE CONTRACTOR SHALL NOT LEAVE THE WORK SITE UNTIL THE PAVEMENT SURFACES AND ADJACENT AREAS HAVE BEEN CLEANED AND ACCEPTED FOR USE BY THE OWNER'S REPRESENTATIVE.
 18. THE CONTRACTOR SHALL FOLLOW ANY INSTRUCTIONS FROM THE OWNER'S REPRESENTATIVE IN REGARD TO MEETING PLAN OF CONSTRUCTION OPERATIONS (PCO) REQUIREMENTS, SAFETY, COMPLIANCE ISSUES, AND AIRSIDE OPERATION PROCEDURES. FAILURE TO COMPLY WITH THESE INSTRUCTIONS CAN RESULT IN THE SHUTDOWN OF ALL CONSTRUCTION WORK.
 19. ALL UNSERVICEABLE AREAS AND EXCAVATIONS OR DROP OFFS ADJACENT TO OPERATIONAL PAVEMENT SURFACES MUST BE DELINEATED WITH BARRIERS AND STEADY BURN RED LIGHTS.



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RUNWAY 07-25 TURN PADS
(CAU4)**

VANDERHOOF, B.C.

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CONTRACT NO :	2026-07
DRAFTED BY :	M. RUDNISKI
DESIGNED BY :	A. MOHAMMAD / C. YU
CHECKED BY :	J. WILLMS / C. YU
APPROVED BY :	C. YU

PLAN OF CONSTRUCTION OPERATIONS (PCO)

DRAWING NO : **G-101**

CADD FILE: AIRP04068-01 G-101.dwg PLOTTED DATE: 2026/09/03 AT 17:36:03 PLOTTED BY: JOHNSON, TANNER

- NOTES
1. COORDINATES ARE IN NAD83 UTM ZONE 10 AND BASED OFF OF CONTROL MONUMENT GCM NO. 953513.

2. DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.

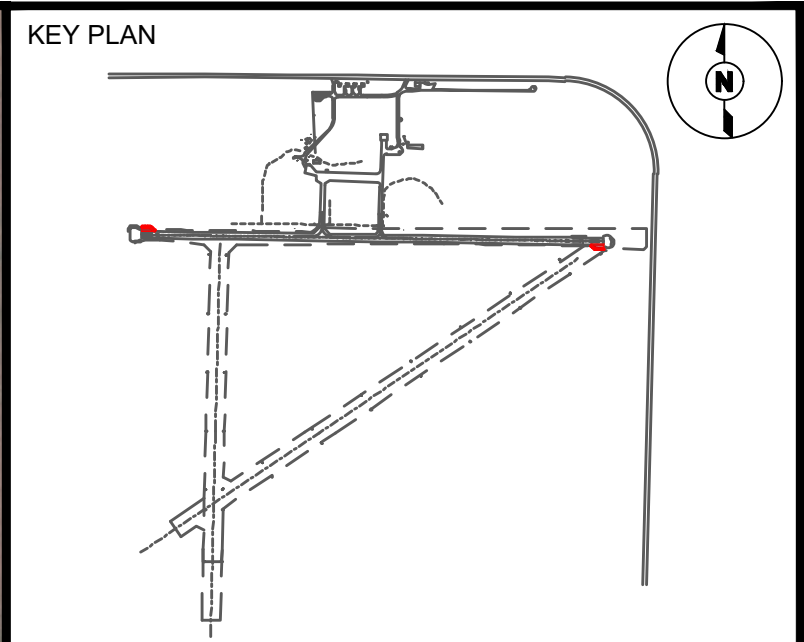
3. COORDINATES ARE PROVIDED FOR LAYOUT ONLY AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION. NOTIFY THE CONTRACT ADMINISTRATOR OF ANY DISCREPANCIES BETWEEN COORDINATES AND DIMENSIONING.

4. EXCESS WASTE DISPOSAL PER THE DIRECTION OF THE AIRPORT. REMOVE ORGANICS PRIOR TO PLACEMENT OF ANY MATERIAL ON SITE. DISPOSE OF UNSUITABLE MATERIAL OFF-SITE.

5. SUPPLY AND MAINTAIN EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.

6. PROVIDE THE AIRPORT A SCHEDULE OF CONSTRUCTION ACTIVITIES PLANNED IN ACCORDANCE WITH THE PLAN OF CONSTRUCTION OPERATIONS (PCO) TO MINIMIZE DISRUPTION TO AIRPORT OPERATIONS.

7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTABLE HEALTH & SAFETY PRACTICES FOR THE PROVINCE OF BRITISH COLUMBIA.



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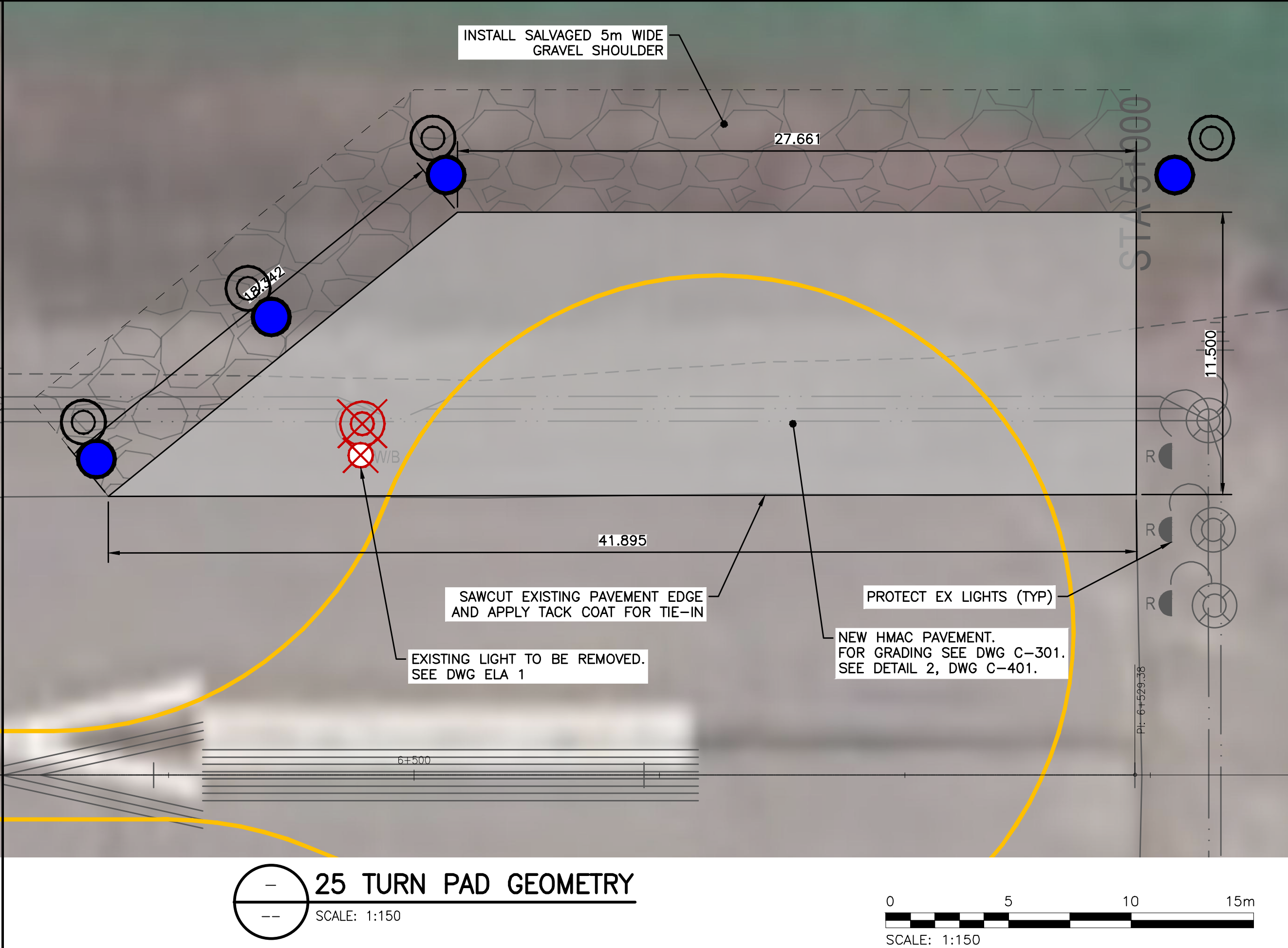
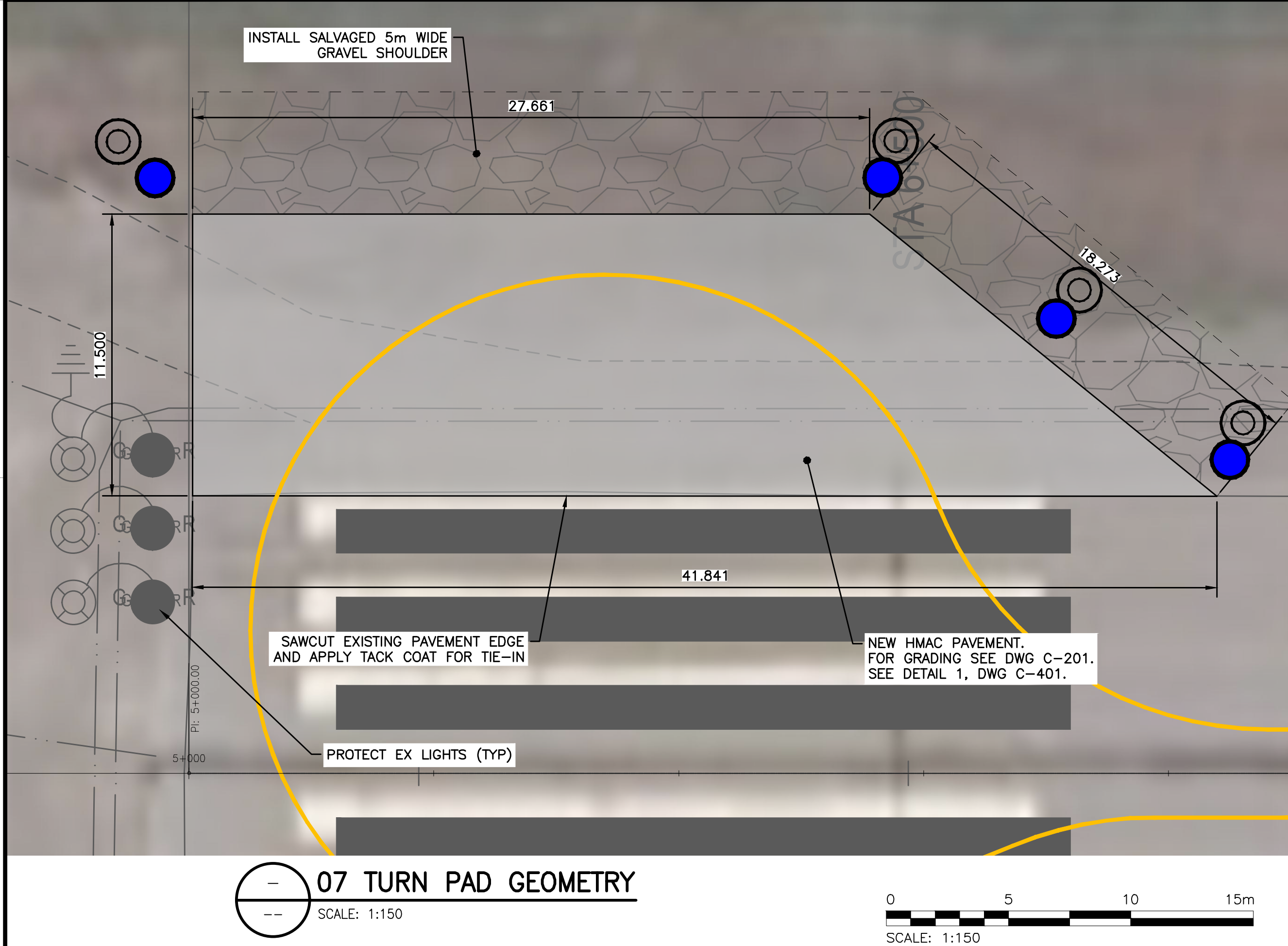
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SITE PLAN AND
GEOMETRY

DRAWING NO :
C-101

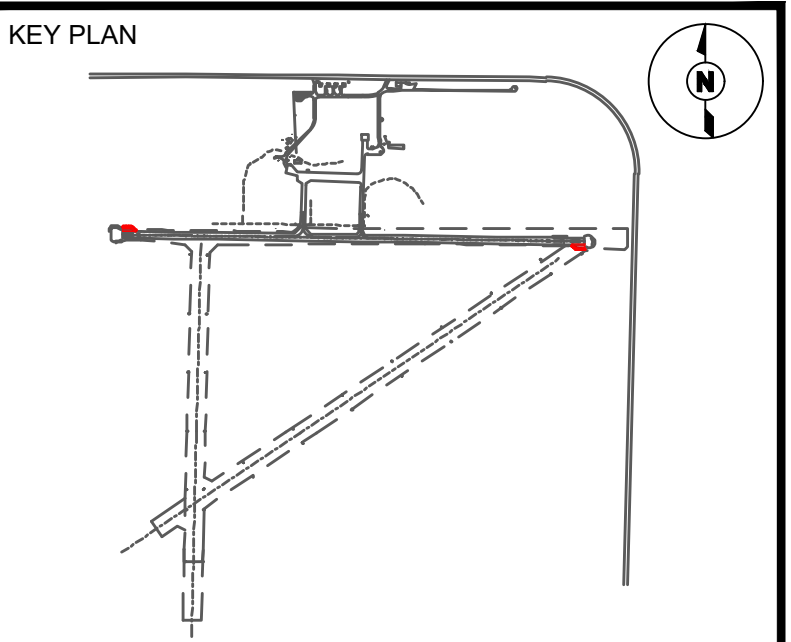
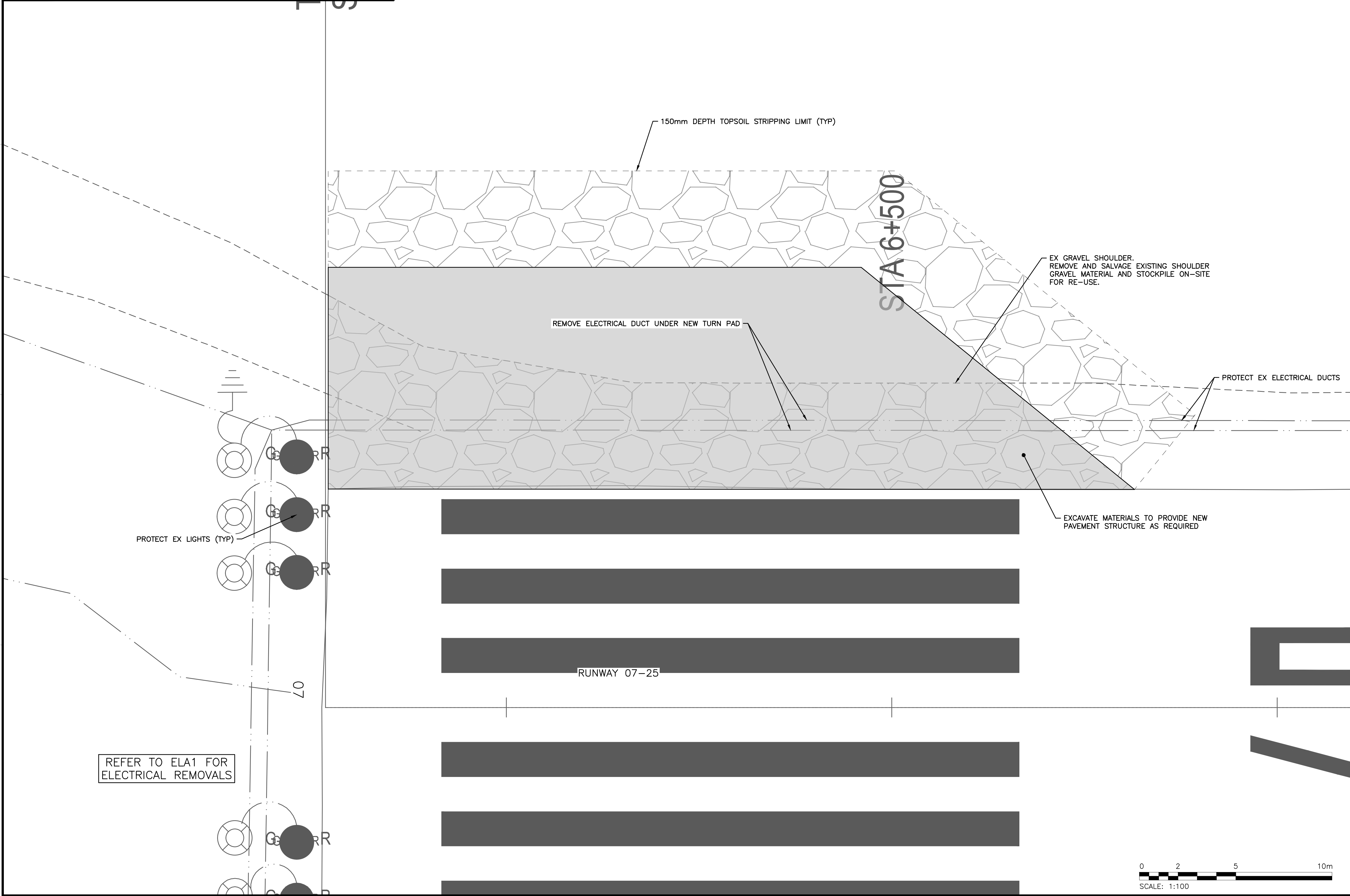


CADD FILE: AIRP04068-01 C-101.dwg PLOTTED DATE: 2026/09/03 AT 17:38:13 PLOTTED BY: JOHNSON, TANNER

NOTES

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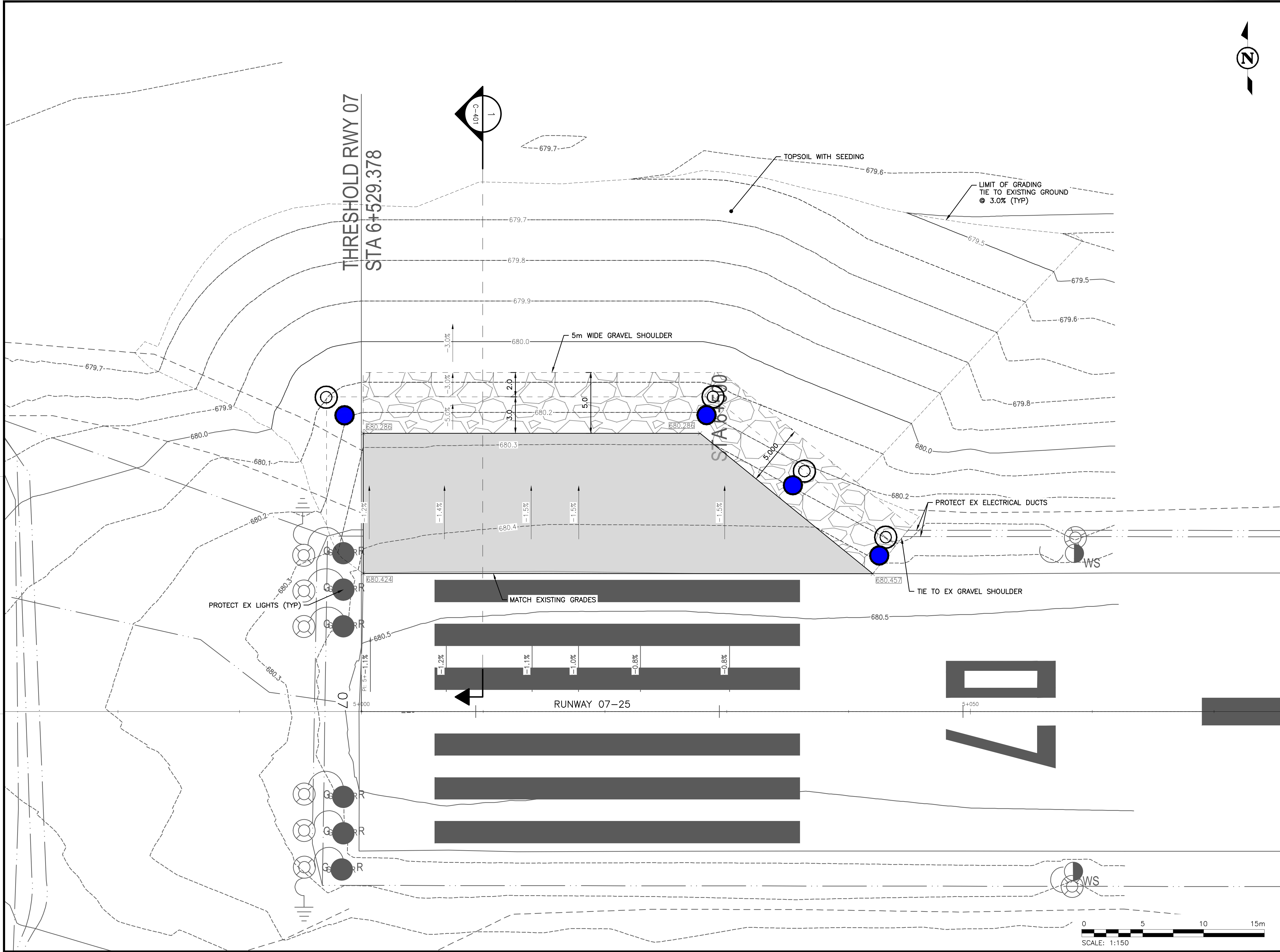
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APPROVED BY :	C. YU

**RUNWAY 07 END
DEMOLITION PLAN**

DRAWING NO : **C-200**

CADD FILE: AIRP04068-01 C-200.dwg PLOTTED DATE: 2026/09/03 AT 17:38:20 PLOTTED BY: JOHNSON, TANNER

CADD FILE: AIRP04068-01 C-201.dwg PLOTTED DATE: 2026/09/03 AT 17:38:28 PLOTTED BY: JOHNSON, TANNER



KEY PLAN

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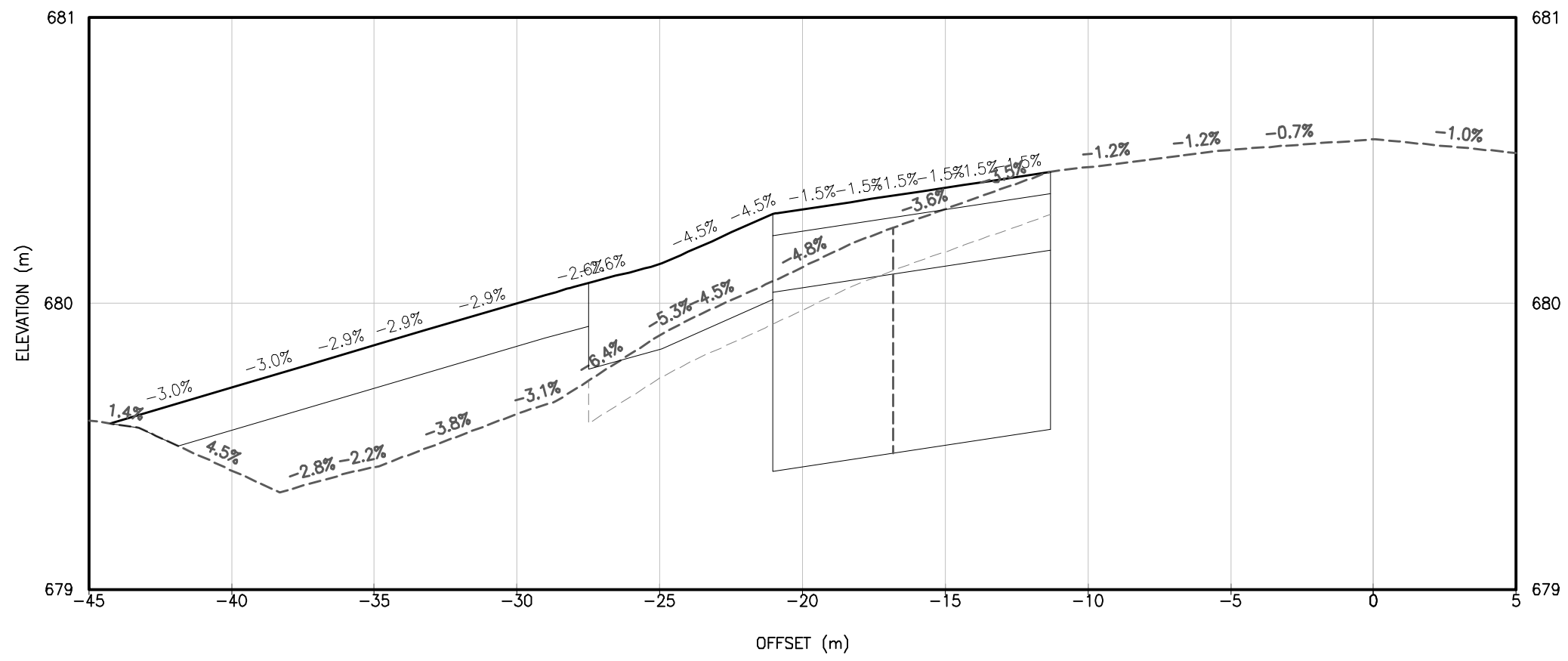
APPROVED BY : C. YU

**RUNWAY 07 END
TURN PAD DESIGN**

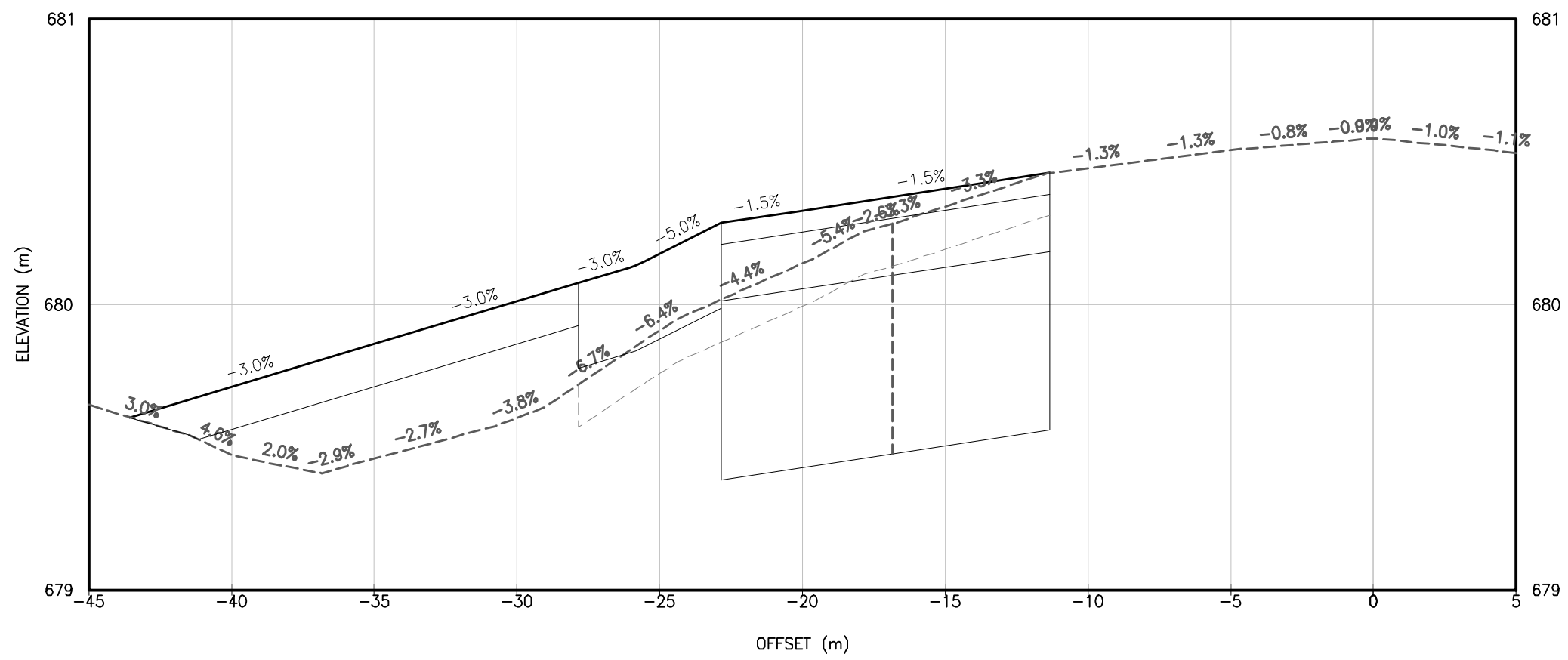
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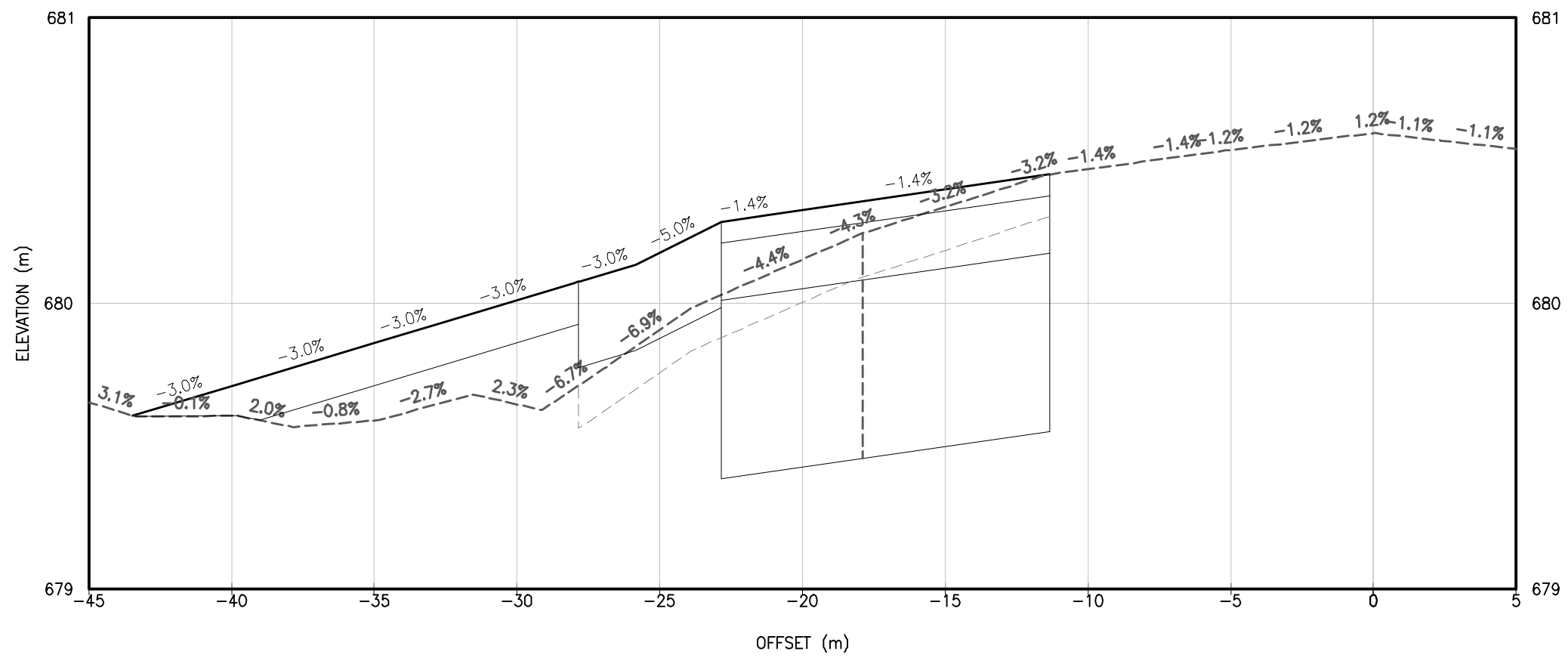
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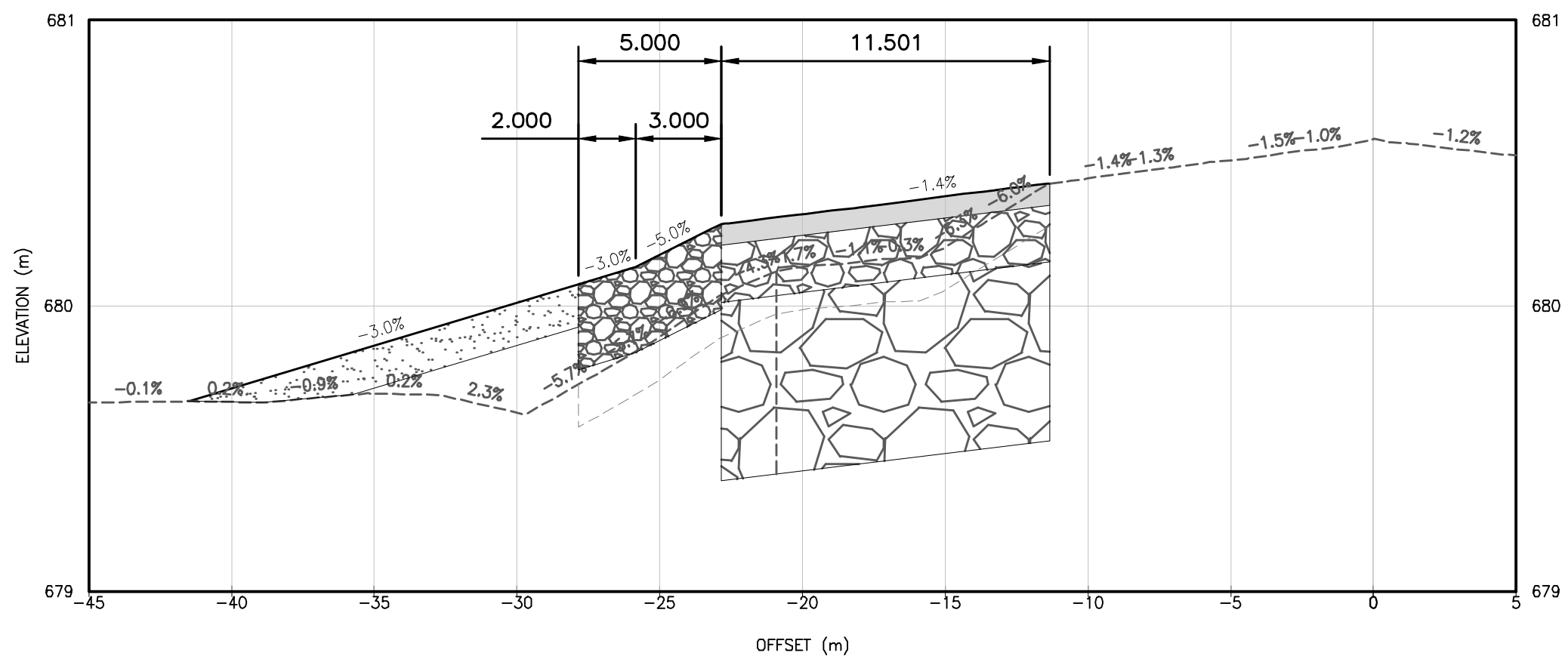
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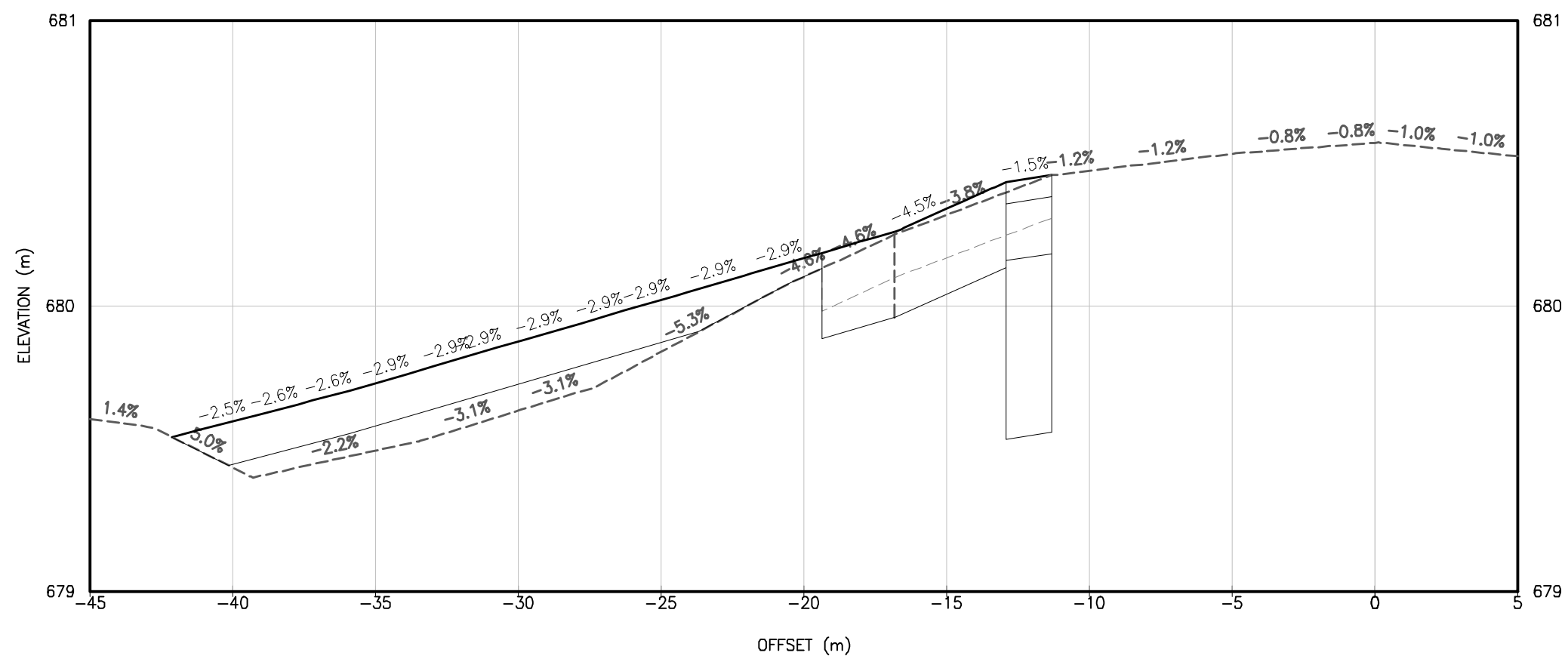
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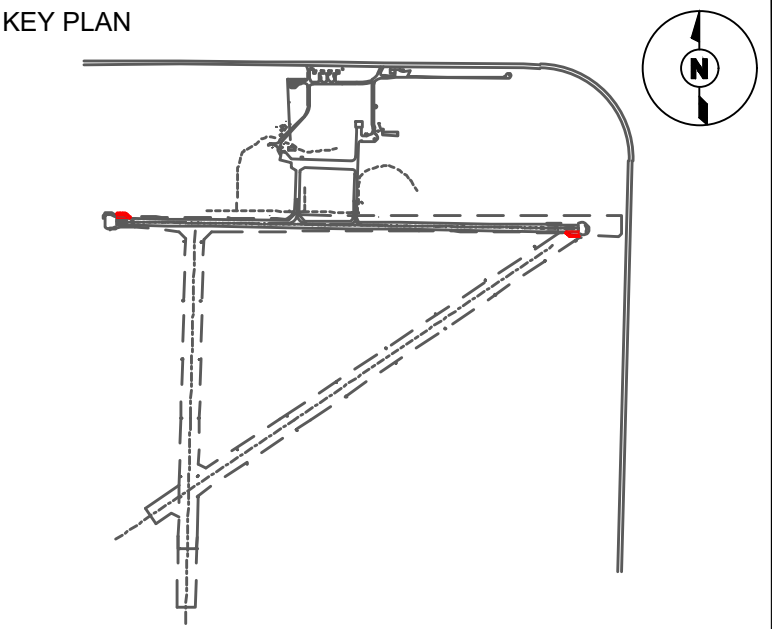
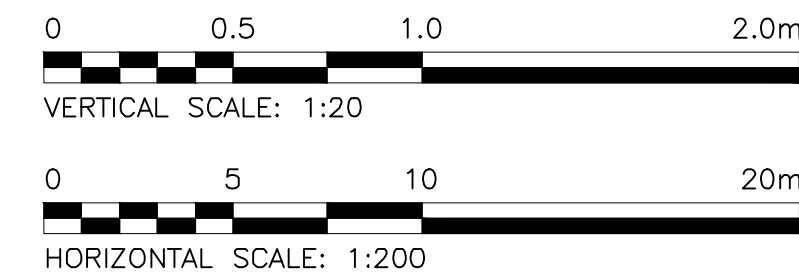
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5+040.00



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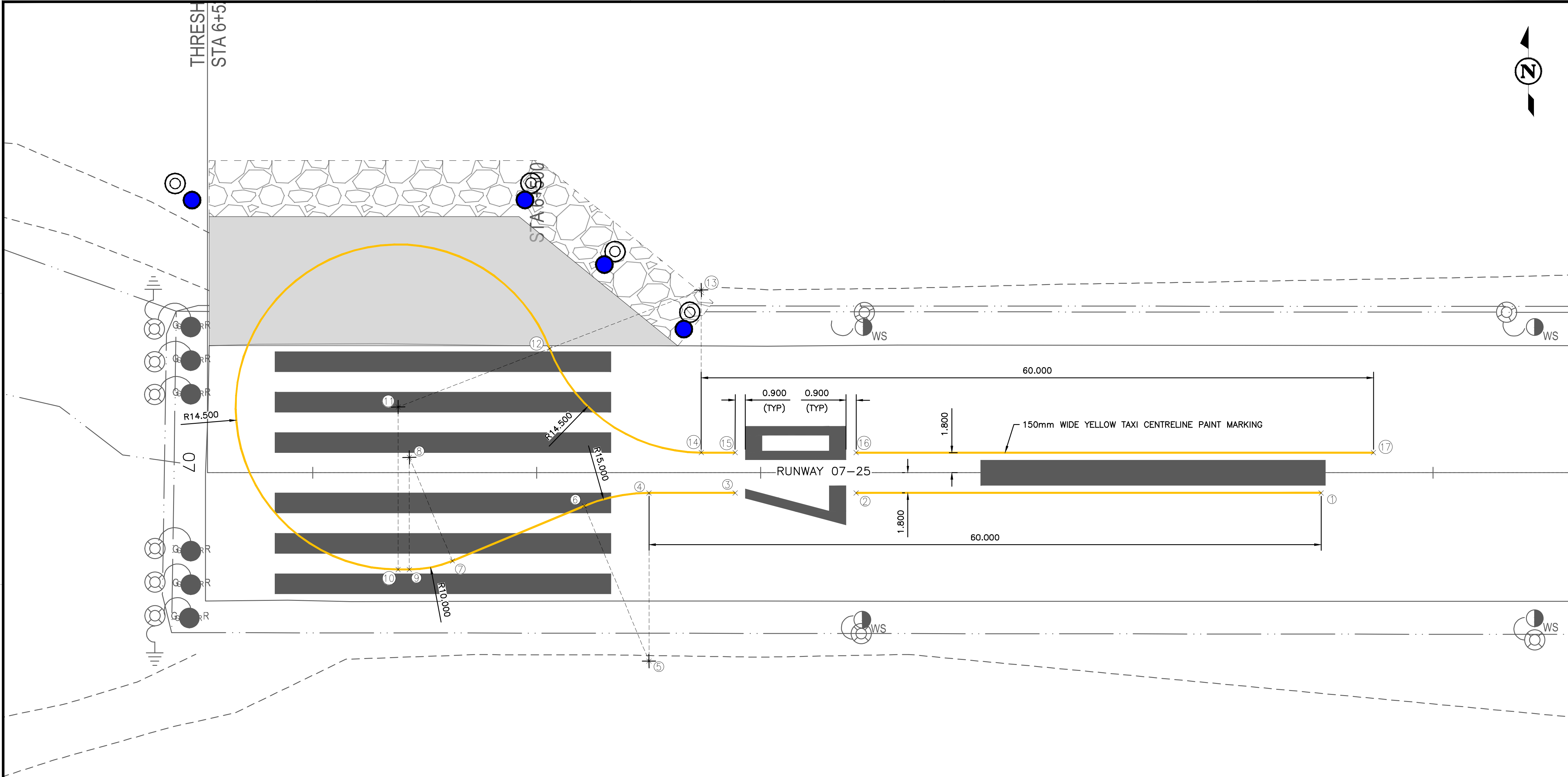
**RUNWAY 07 END TURN PAD
SECTIONS**

DRAWING NO :

C-202

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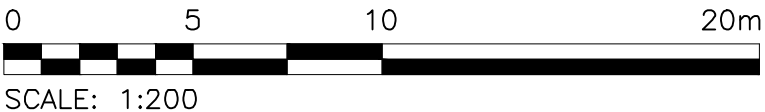
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PAINT LAYOUT COORDINATE TABLE			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1	5989740.520	433134.251	TAXIWAY CENTRELINE
2	5989741.116	433092.742	TAXIWAY CENTRELINE
3	5989741.271	433081.947	TAXIWAY CENTRELINE
4	5989741.381	433074.257	TAXIWAY CENTRELINE
5	5989726.383	433074.042	CENTRE OF 15.0m RADIUS
6	5989740.310	433068.472	TAXIWAY CENTRELINE
7	5989735.572	433056.624	TAXIWAY CENTRELINE
8	5989744.857	433052.911	CENTRE OF 10.0m RADIUS
9	5989734.859	433052.768	TAXIWAY CENTRELINE
10	5989734.873	433051.768	TAXIWAY CENTRELINE
11	5989749.371	433051.976	CENTRE OF 14.5m RADIUS
12	5989754.392	433065.579	TAXIWAY CENTRELINE
13	5989759.412	433079.182	CENTRE OF 14.5m RADIUS
14	5989744.914	433078.974	TAXIWAY CENTRELINE
15	5989744.870	433082.000	TAXIWAY CENTRELINE
16	5989744.715	433092.795	TAXIWAY CENTRELINE
17	5989744.052	433138.968	TAXIWAY CENTRELINE

NOTES

1. TAXIWAY CENTRELINE PAINT MARKINGS TO TAKE PRECEDENCE OVER THRESHOLD MARKINGS.



KEY PLAN

TETRA TECH

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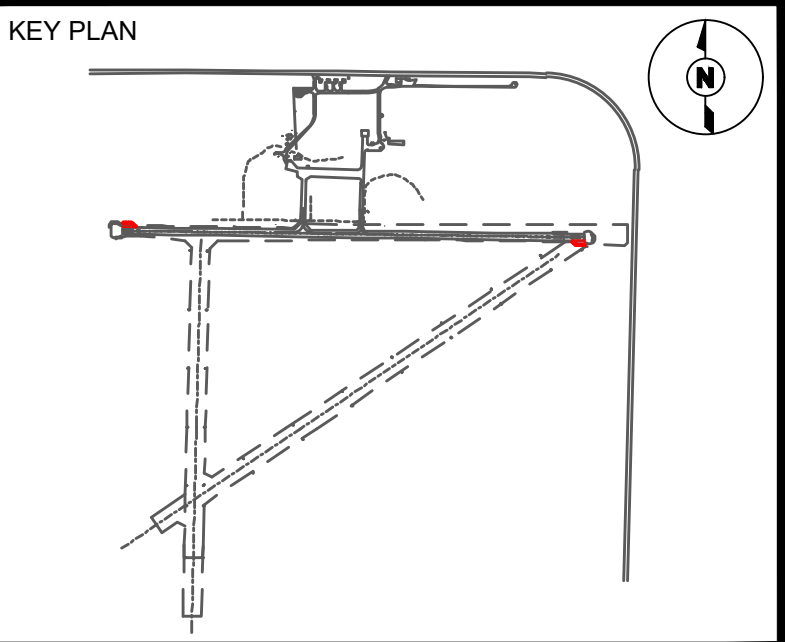
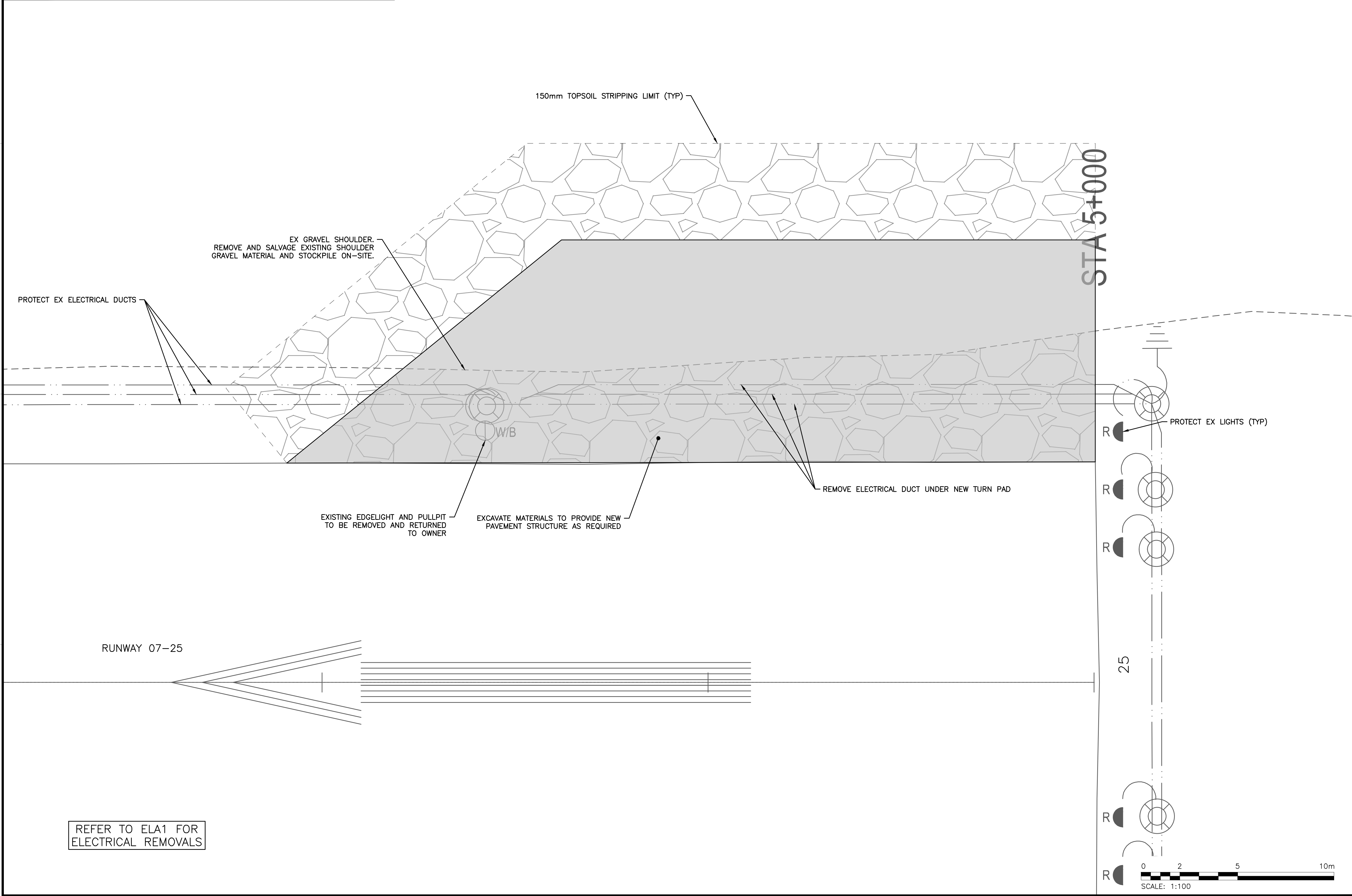
**RUNWAY 07 END
PAINT MARKINGS**

DRAWING NO : **C-211**

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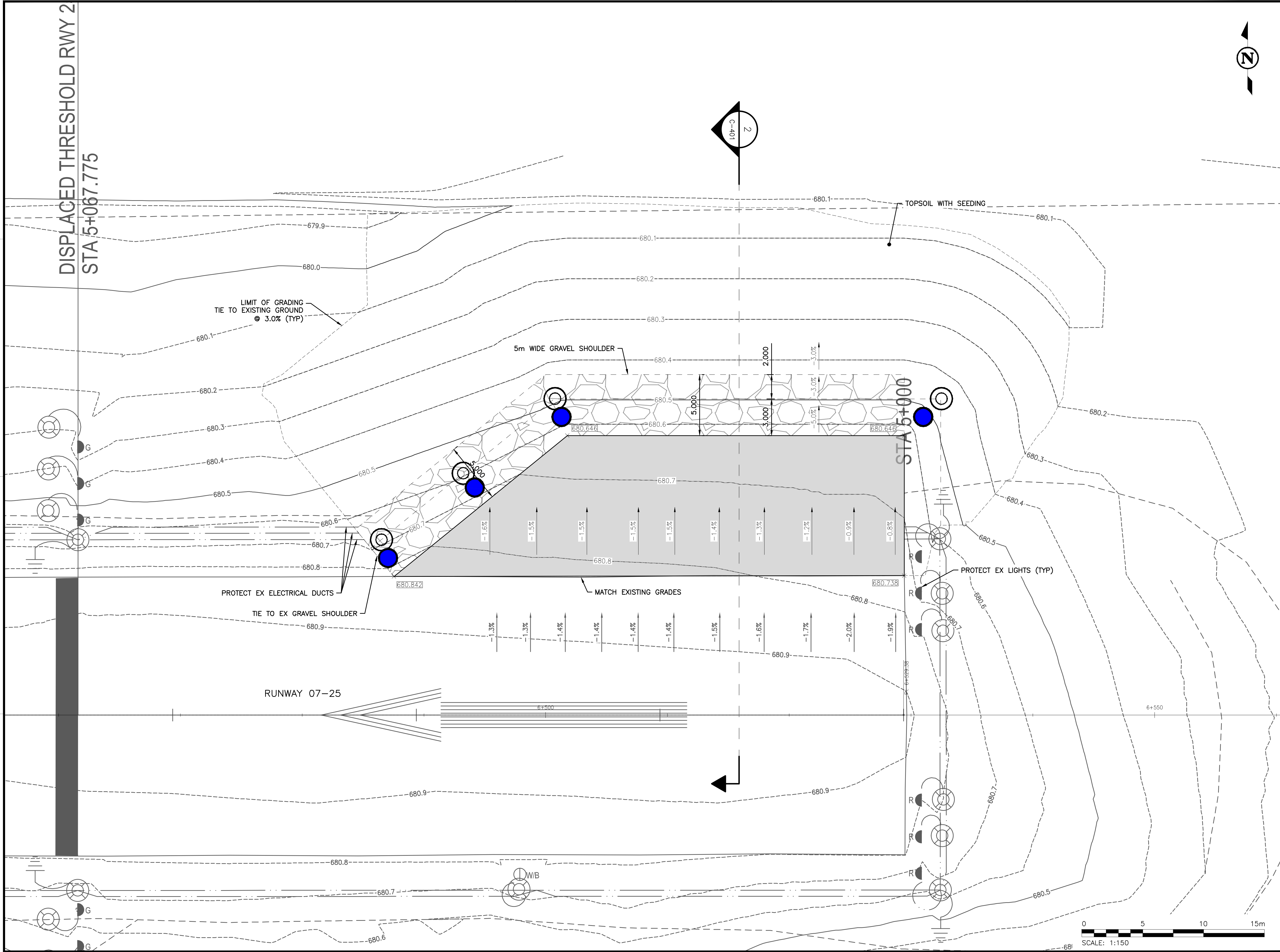
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APPROVED BY :	C. YU		

**RUNWAY 25 END
DEMOLITION PLAN**

DRAWING NO : **C-300**

CADD FILE: AIRP04068-01 C-301.dwg PLOTTED DATE: 2026/09/03 AT 17:38:58 PLOTTED BY: JOHNSON, TANNER



KEY PLAN

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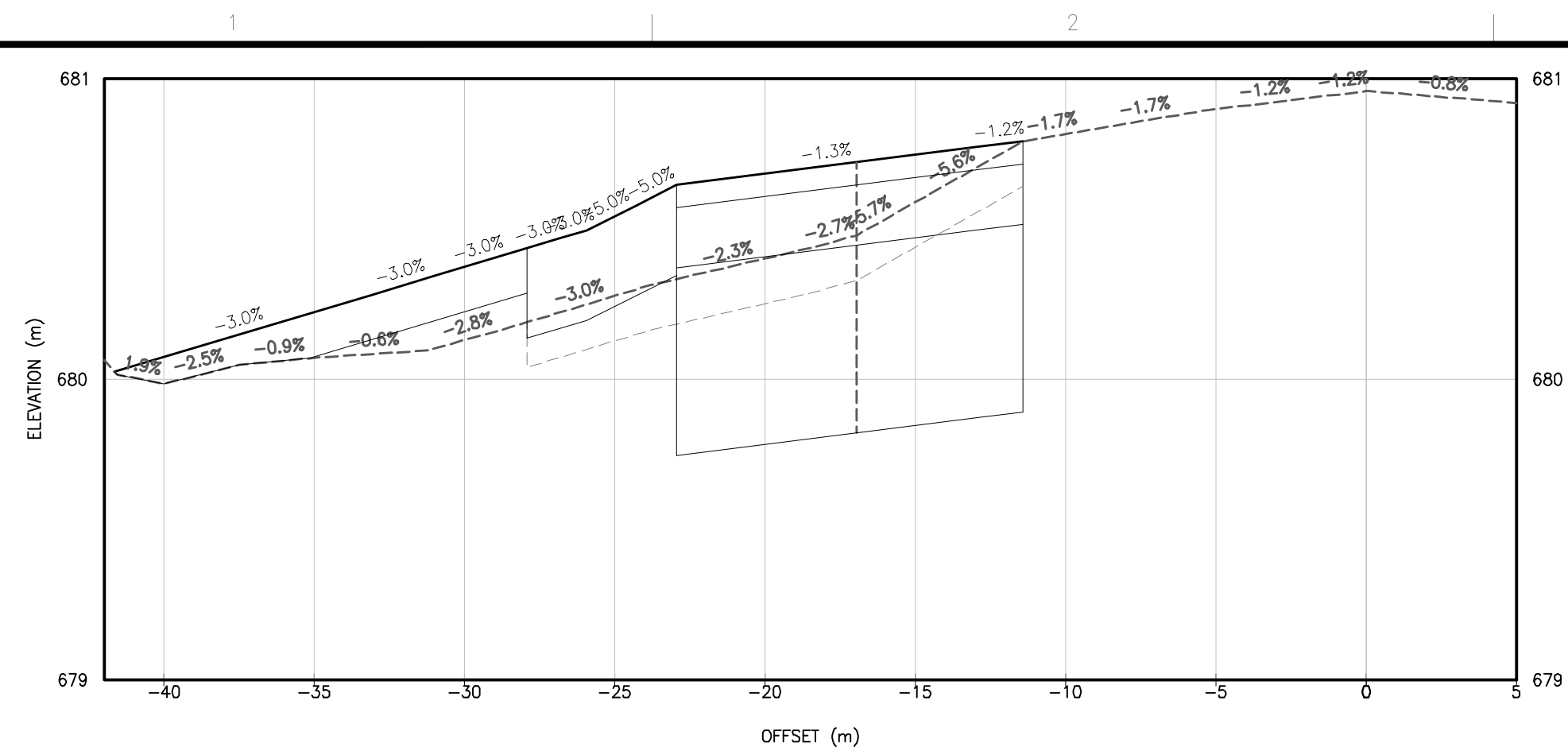
DESIGNED BY : A. MOHAMMAD / C. YU

CHECKED BY : J. WILLMS / C. YU

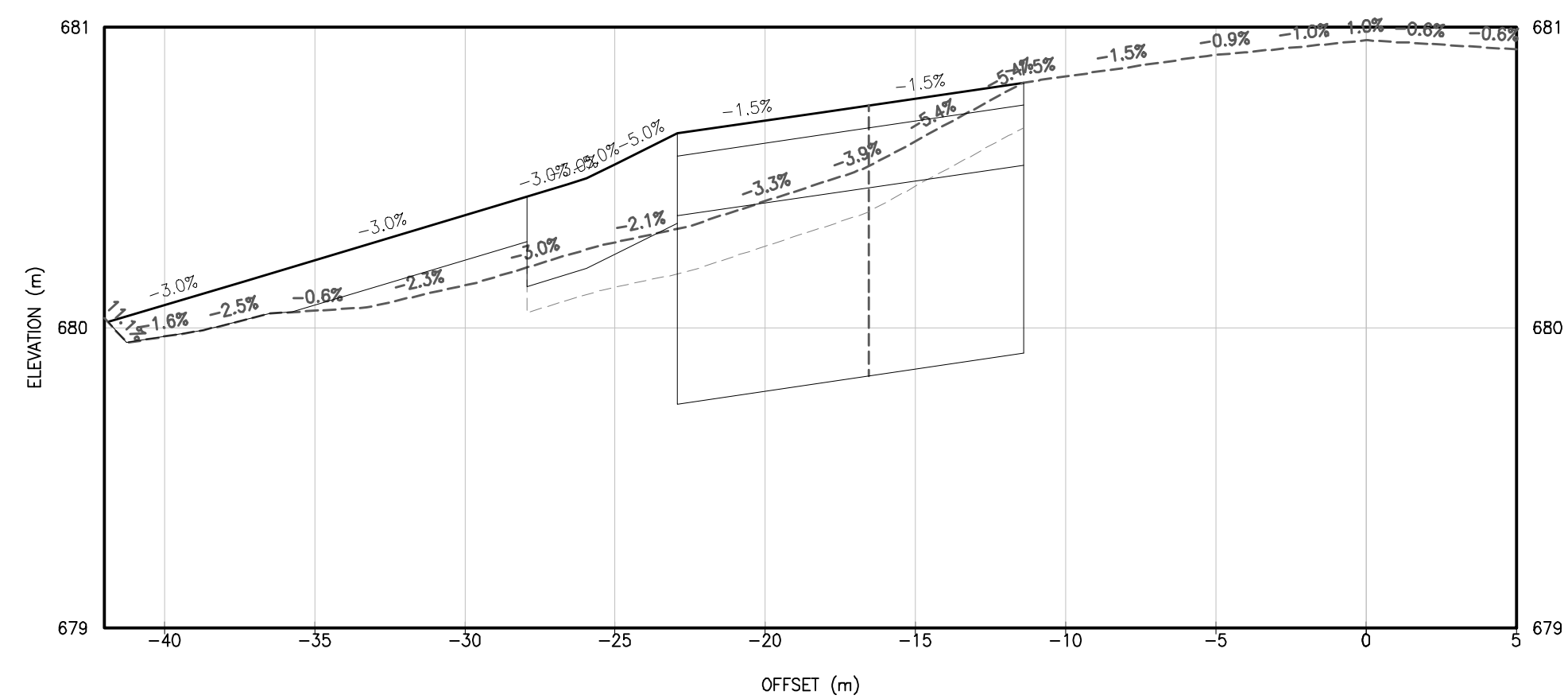
APPROVED BY : C. YU

**RUNWAY 25 END
TURN PAD DESIGN**

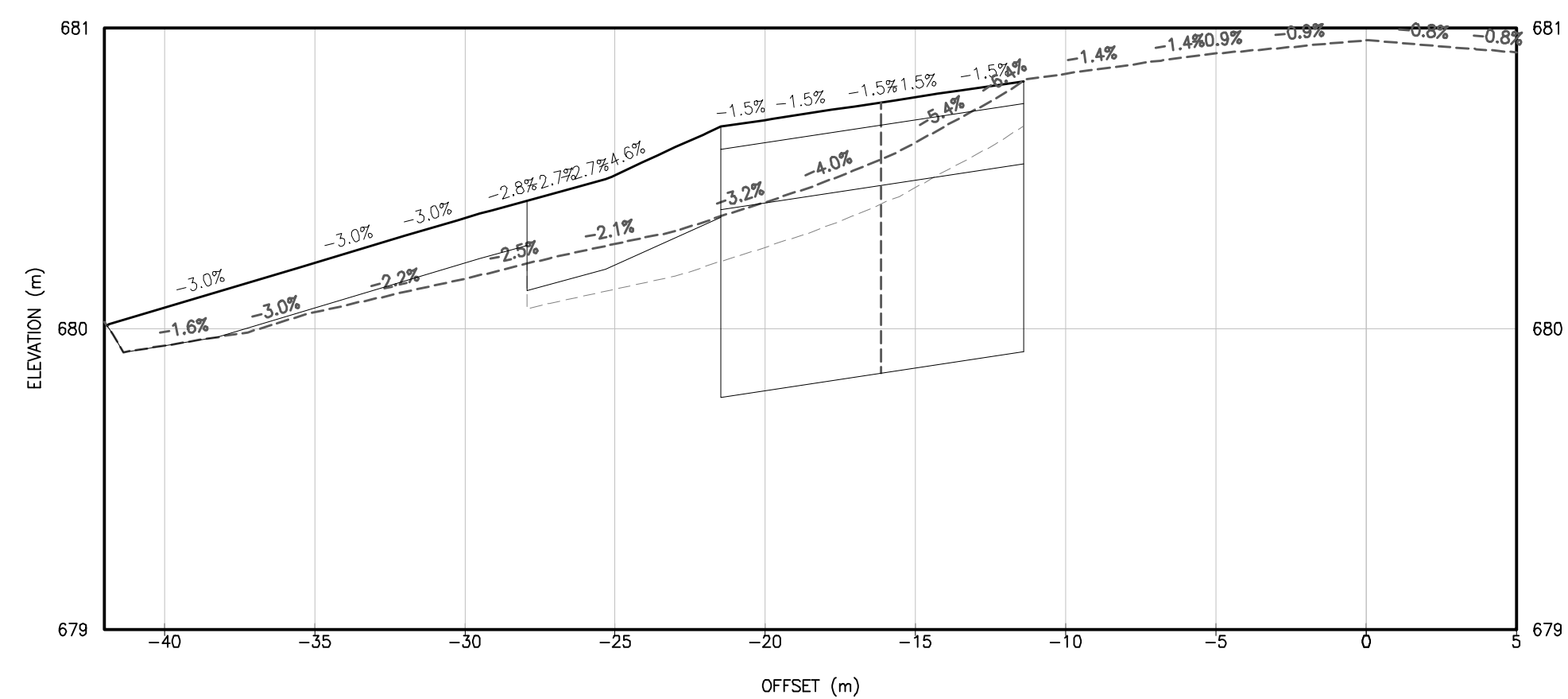
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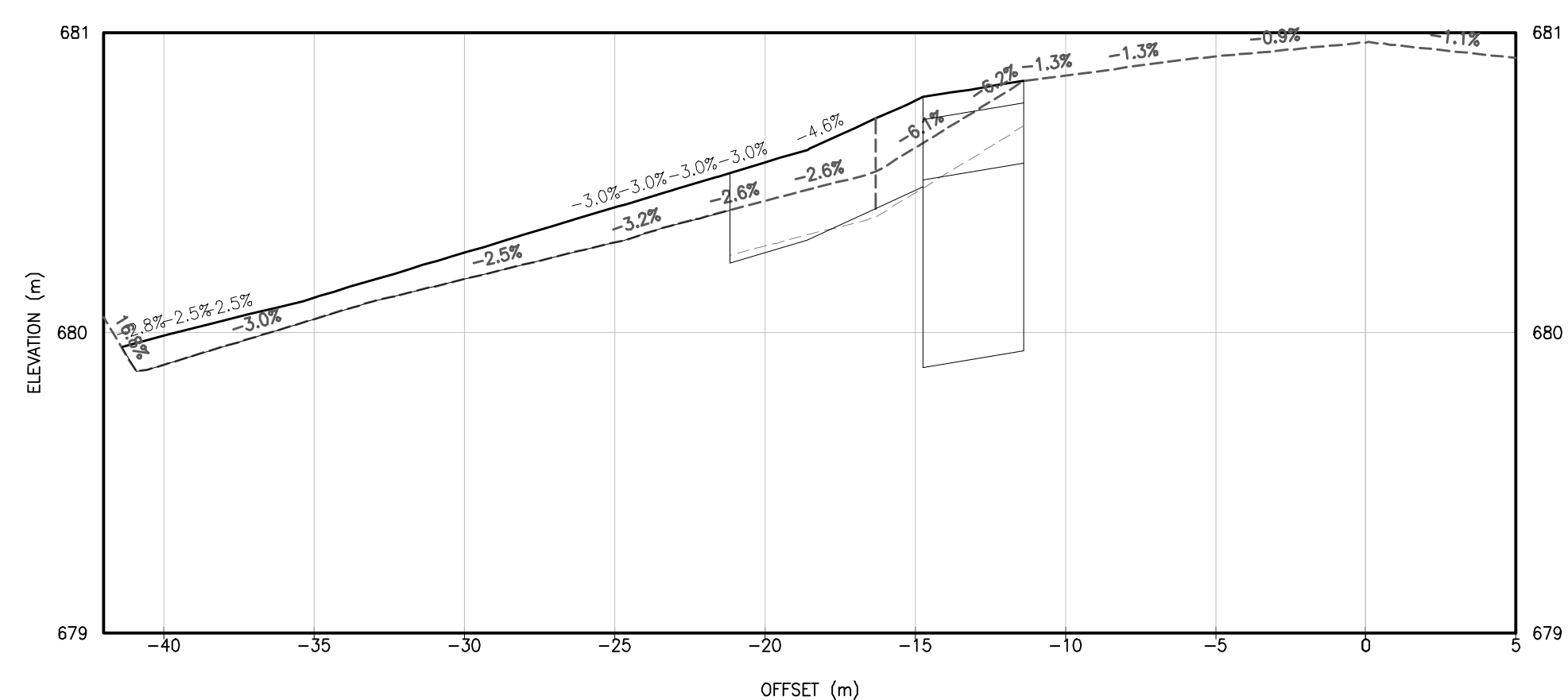
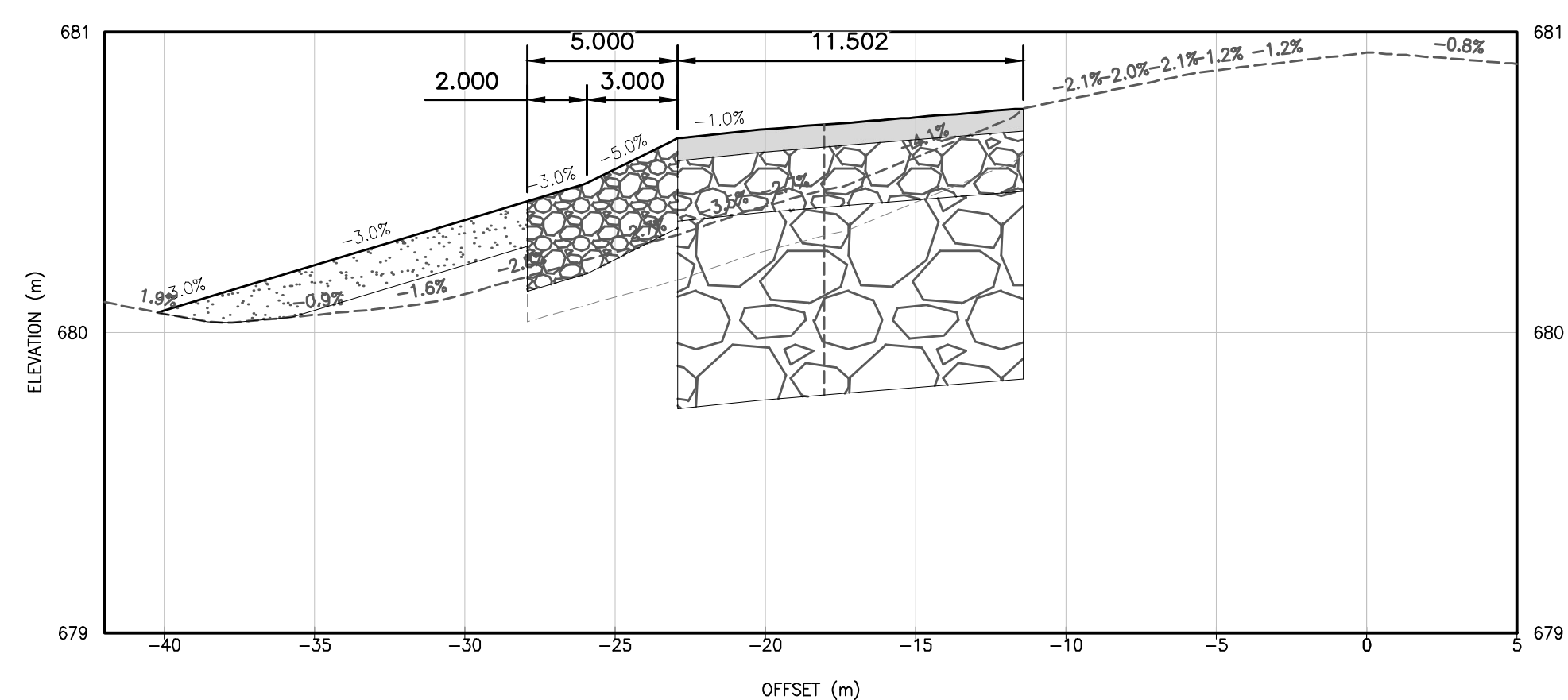
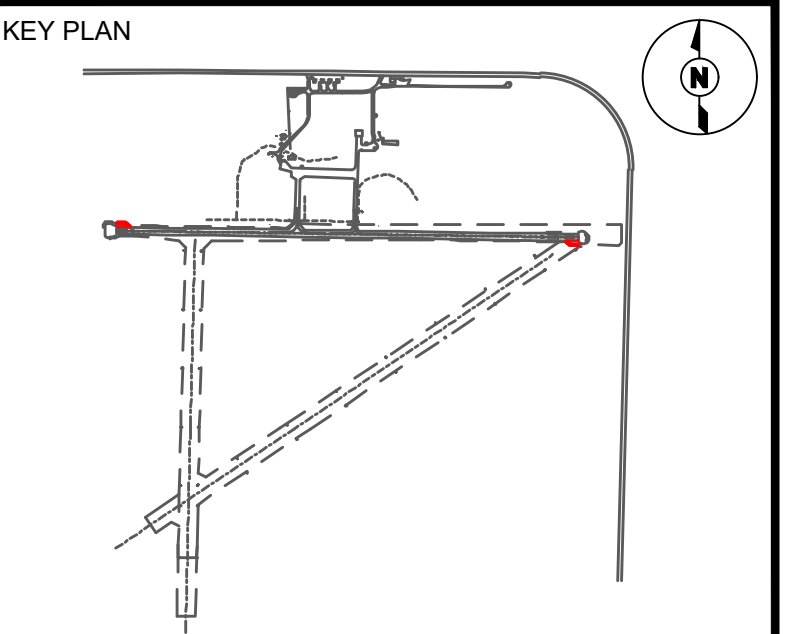
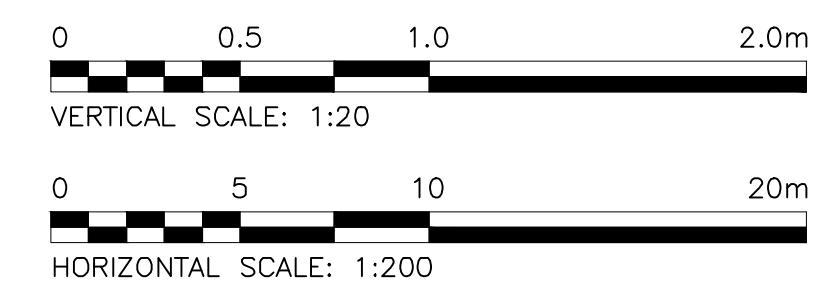
6+520.00



6+510.00



6+500.00


$$6 + 491.67$$
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PERMIT

PERMIT TO PRACTICE
TETRA TECH CANADA INC.
PERMIT NUMBER: 1001972

0	TENDER	2026/09/03	C.Y.
REV	ISSUED FOR	DATE	APPD



DISTRICT OF Vanderhoof

**VANDERHOOF AIRPORT
RUNWAY 07-25 TURN PADS
(CAU4)**

VANDERHOOF, B.C.

PROJECT NO : TRN.AIRP04068-01

CONTRACT NO : 2026-07

DRAFTED BY : M. RUDNISKI

DESIGNED BY : A. MOHAMMAD / C. YU

CHECKED BY : J. WILLMS / C. YU

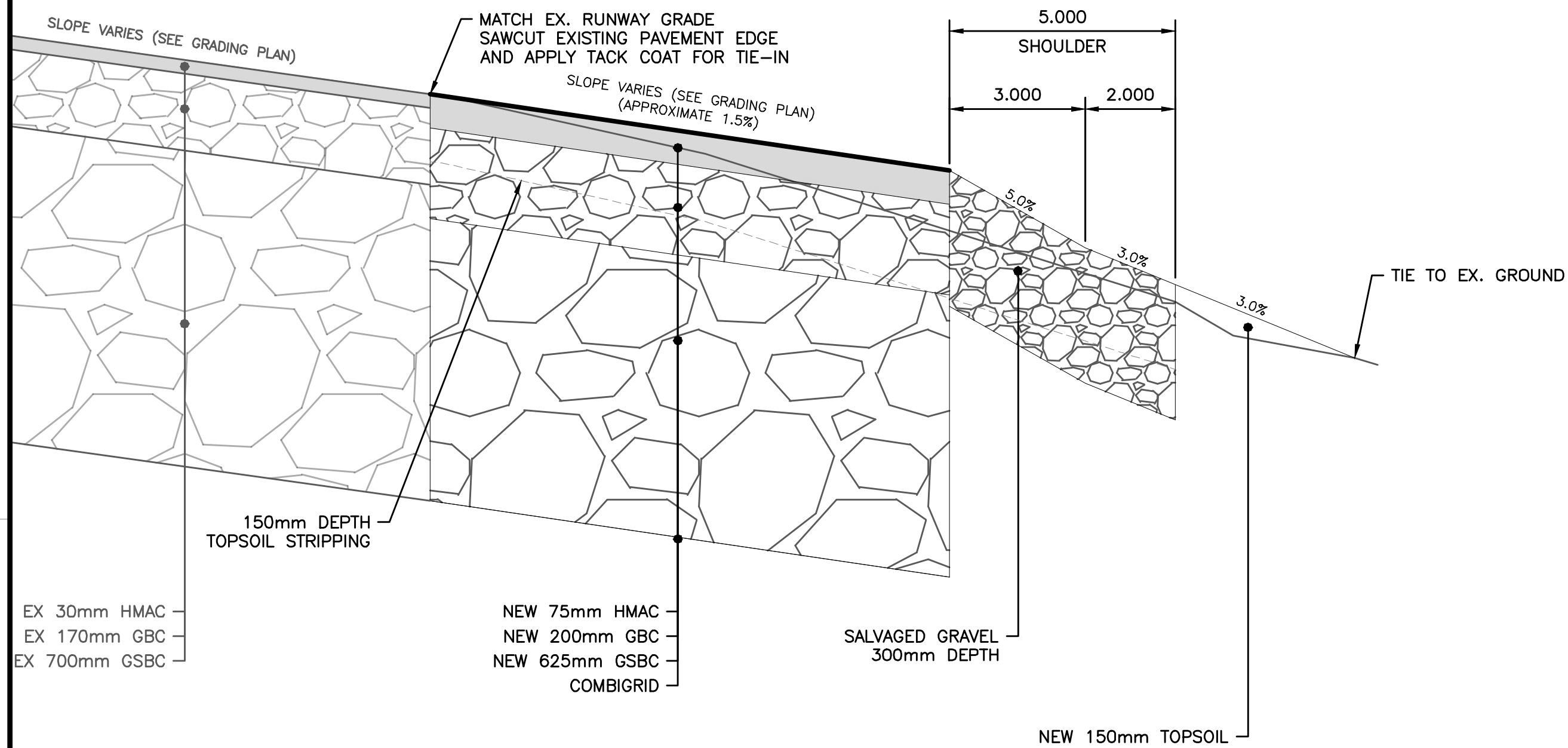
APPROVED BY : C. YU

RUNWAY 25 END TURN PAD SECTIONS

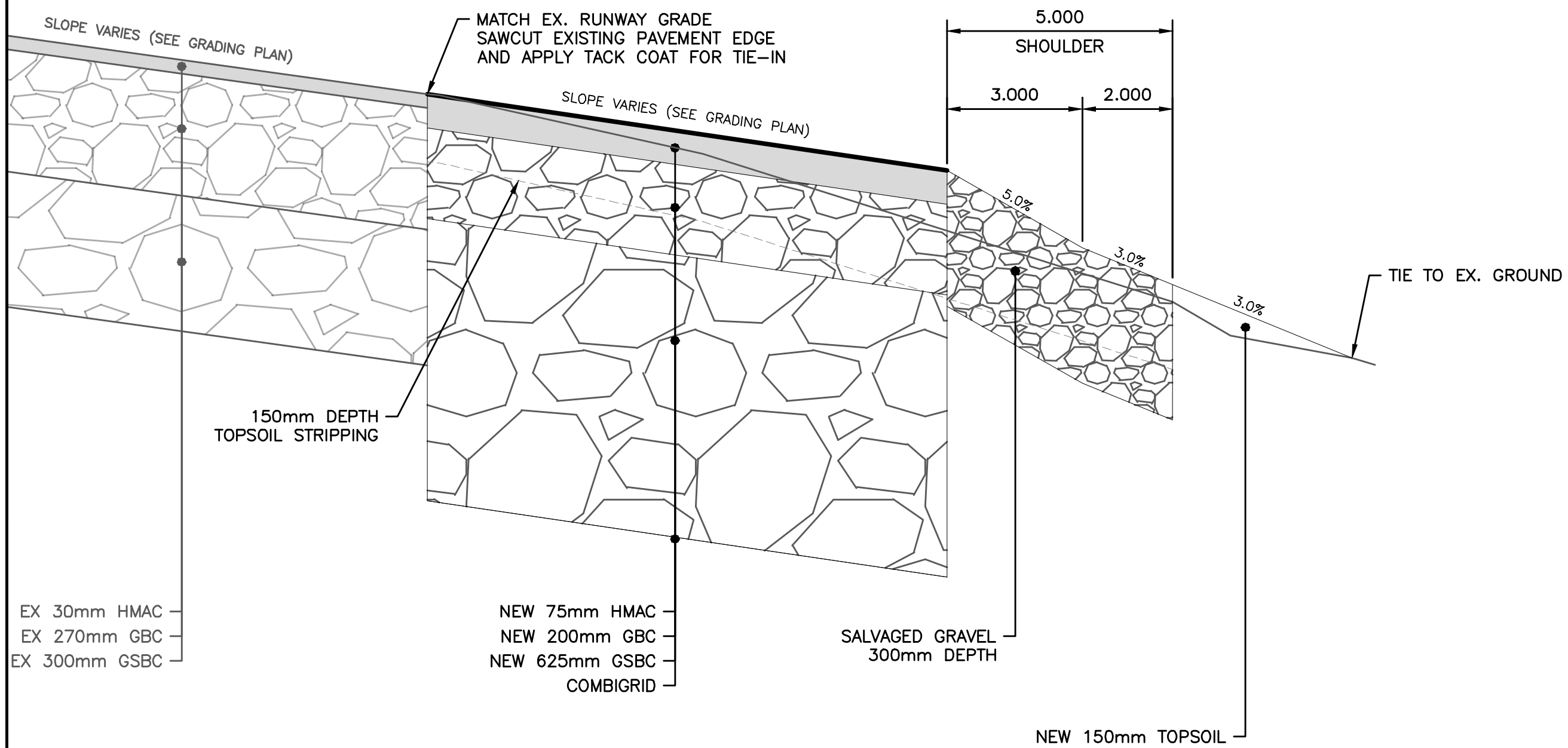
DRAWING NO :

C-302

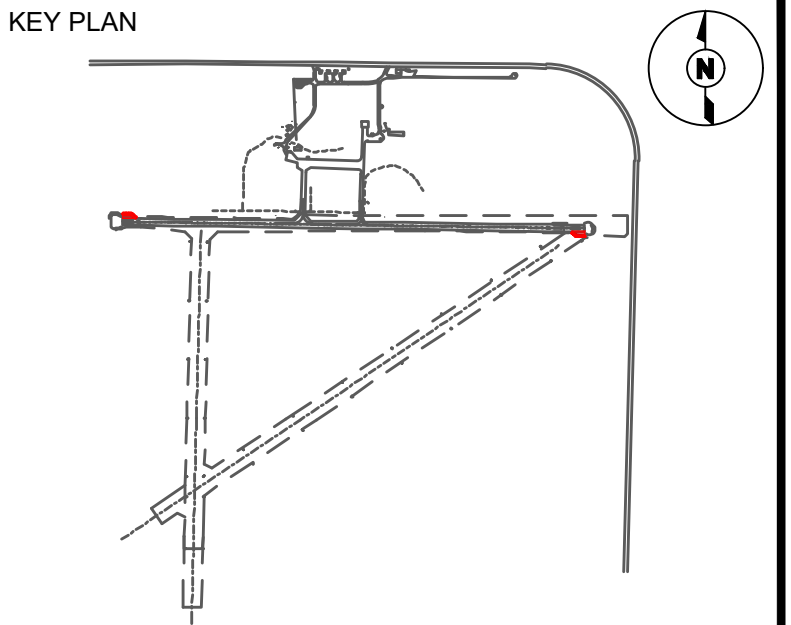
CADD FILE: AIRP04068-01 C-401.dwg PLOTTED DATE: 2026/09/03 AT 17:39:16 PLOTTED BY: JOHNSON, TANNER



1 RUNWAY 07 END TURN PAD TYPICAL SECTION
C-201 HORIZONTAL SCALE: 1:100 VERTICAL SCALE: 1:10



2 RUNWAY 25 END TURN PAD TYPICAL SECTION
C-301 HORIZONTAL SCALE: 1:100 VERTICAL SCALE: 1:10



CONSULTANTS

SEAL



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Vanderhoof

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RUNWAY 07-25 TURN PADS
(CAU4)**

VANDERHOOF, B.C.

PROJECT NO : TRN.AIRP04068-01

CONTRACT NO : 2026-07

DRAFTED BY : M. RUDNISKI

DESIGNED BY : A. MOHAMMAD / C. YU

CHECKED BY : J. WILLMS / C. YU

APPROVED BY : C. YU

TYPICAL SECTIONS

DRAWING NO :

C-401

50 mm

CADD FILE: ELA.dwg PLOTTED DATE: 2026/09/03 AT 07:51:52 PLOTTED BY: KLL

RUNWAY TURN PAD EDGE LIGHT CONSTRUCTION NOTES

1. INSTALL NEW OWNER SUPPLIED FIXTURES, TRANSFORMERS, AND STAKES (8 TOTAL) AND PRIMARY CONNECTOR KITS (10 TOTAL) C/W CONTRACTOR SUPPLIED PULLPITS, DUCT, AND ALL REQUIRED ACCESSORIES.
2. NEW PRIMARY CABLING / DUCTS TO BE INSTALLED IN NEW TRENCH.
3. SUPPLY, INSTALL AND CONNECT NEW GROUND ROD IN EVERY FOURTH PULLPIT AND CONNECT TO GROUND COUNTERPOISE.
4. RUNWAY WILL BE CLOSED WHILE CONSTRUCTION ACTIVITIES TAKE PLACE. ALL EXISTING AIRFIELD LIGHTING CIRCUITS (RUNWAY EDGE LIGHTING, TAXIWAY / APRON EDGE LIGHTING, PAPI) TO BE DE-ENERGIZED / LOCKED OUT / TAGGED OUT DURING CONSTRUCTION.
5. ANY ADDITIONAL PRIMARY CONNECTOR KITS OR MATERIALS REQUIRED FOR THIS PROJECT, BUT NO LISTED AS OWNER SUPPLIED, SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.

GROUNDING NOTES

1. USE CRIMPED CONNECTION TO GROUND RODS.

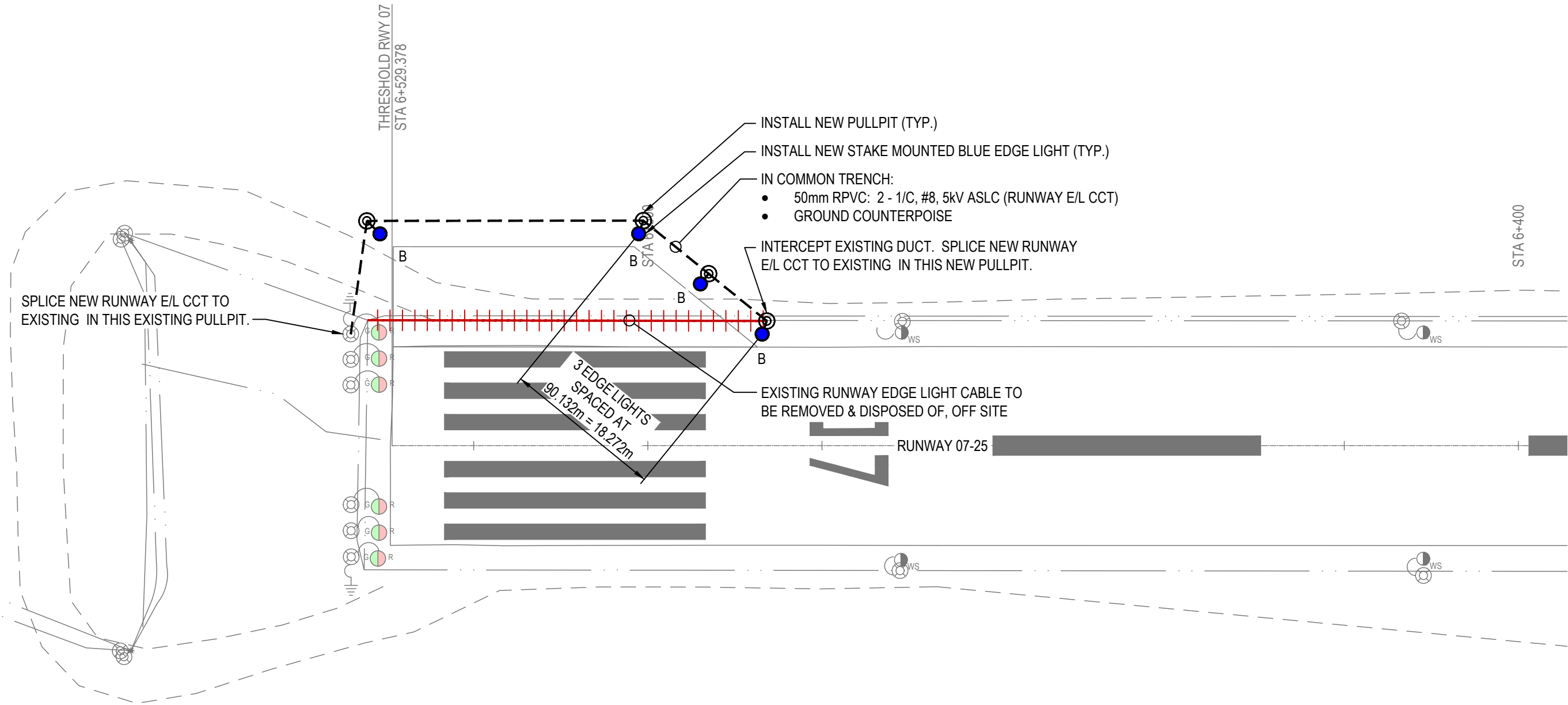
REMOVALS NOTES

1. EXISTING OBSOLETE CABLES IN DUCTS TO BE REMOVED AND DISPOSED OF, OFF SITE.
2. EXISTING DIRECT BURIED OBSOLETE CABLES TO BE ABANDONED IN PLACE. CUT AND REMOVE ALL PORTIONS OF CABLE ABOVE GROUND. CUT OFF DIRECT BURIED CABLES AS FAR BELOW GRADE AS POSSIBLE.
3. EXISTING OBSOLETE PULLPITS TO BE REMOVED, WITH VOIDS BACKFILLED AND COMPACTED. RETURN TO OWNER.

OWNER SUPPLIED MATERIAL NOTES

THE FOLLOWING MATERIALS SHALL BE SUPPLIED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR UNDER THIS CONTRACT:

1. LED TAXIWAY EDGE LIGHT, TRANSFORMER AND STAKE (8 TOTAL), AND PRIMARY CONNECTOR KITS (10 TOTAL). (ALL OTHER REQUIRED EQUIPMENT, ACCESSORIES, AND WORK TO BE SUPPLIED BY THE CONTRACTOR.)



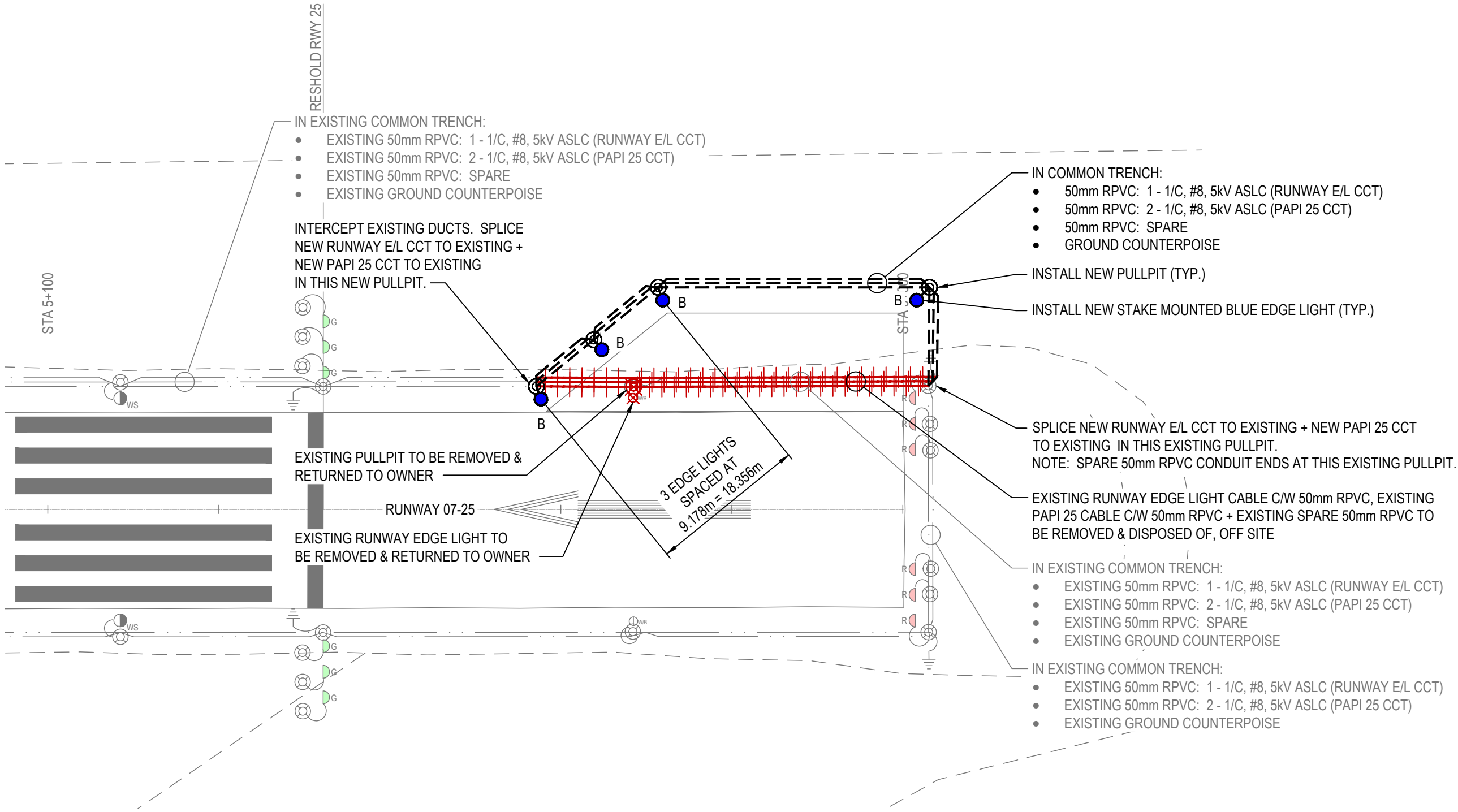
RUNWAY 07 TURN PAD TP26-01

LEGEND

- NEW BLUE LED RUNWAY EDGE LIGHT
- NEW PULLPIT
- - - NEW CABLE / CONDUIT, AS NOTED
- ✗ EXISTING RUNWAY EDGE LIGHT TO BE REMOVED
- ✗ EXISTING PULLPIT TO BE REMOVED
- +++++ EXISTING CABLE / CONDUIT TO BE REMOVED

GENERAL NOTES:

1. DRAWINGS BASED ON INFORMATION PROVIDED BY THE VANDERHOOF AIRPORT AND TETRA TECH.
2. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL REVISION NOTED "ISSUED FOR CONSTRUCTION".
3. ALL UNITS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. ALL EXISTING SURFACE/SUB-SURFACE FACILITIES/UTILITIES WITHIN CONSTRUCTION LIMITS TO BE PROTECTED DURING CONSTRUCTION.
5. ALL AIRPORT SURFACES TO BE KEPT CLEAN OF CONSTRUCTION DEBRIS AND FOD. CLEAN SURFACES OF CONSTRUCTION DEBRIS AND FOD AS REQUIRED.
6. COMPLETE ALL INSTALLATIONS TO COMPLY WITH:
 - CANADIAN ELECTRICAL CODE, C22.1 (LATEST EDITION)
 - TP 312, 5th EDITION
7. REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER EQUIPMENT / INSTALLATION REQUIREMENTS.



RUNWAY 25 TURN PAD TP26-02

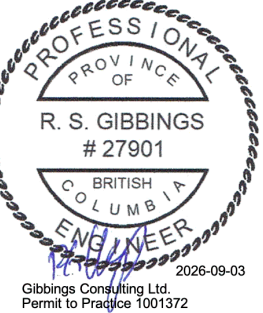
KEY PLAN



CONSULTANTS



SEAL



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0	TENDER	2026.09.03	RG
REV	ISSUED FOR	DATE	APPD



DISTRICT OF
Vanderhoof

AIRPORT TURN PADS DESIGN
AND ENGINEERING (CAU4)

VANDERHOOF, B.C.

PROJECT NO : TRN.AIRP04068-01

CONTRACT NO : N/A

DRAFTED BY : K.L. LUCAS

DESIGNED BY : R. GIBBINGS

CHECKED BY : R. GIBBINGS

APPROVED BY : R. GIBBINGS

ELECTRICAL LAYOUT

DRAWING NO :

ELA1

50 mm



TRENCH PROFILE



-
- PROFESSIONAL
PROVINCE
OF
R. S. GIBBINGS
#27901
BRITISH
COLUMBIA
ENGINEER
2026-09-03
Gibbings Consulting Ltd.
Permit to Practice 1001372

0	TENDER	2026.09.03	RG
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DISTRICT OF
Vanderhoof

AIRPORT TURN PADS DESIGN AND ENGINEERING (CAU4)

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CONTRACT NO : N/A

DRAFTED BY : K.L. LUCAS

DESIGNED BY : R. GIBBINGS

CHECKED BY : R. GIBBINGS

ELECTRICAL DETAILS

DRAWING NO : **EDE1**