



June 11, 2024

To: Plan Holders for Improvements to the  
Washington County Airport  
Mineral Point, Missouri  
MoDOT Project No. 24-060A-1 & 24-060A-2

Transmitted herewith is **Addendum No. 1** to the Issued for Bid Contract Documents, Specifications and Plans dated May 28, 2024, for Improvements to the Washington County Airport.

**Schedule I: Runway 2/20 Reconstruction**  
**Schedule II: Runway 2/20 Widening and Taxiway Reconstruction**  
**Schedule III: Apron Reconstruction**  
**Schedule IV: Runway Lighting Rehabilitation**  
**Schedule V: Runway Guidance Signs**  
**Bid Alternate No. 1: Full Depth Reclamation**



Sincerely,

Woolpert, Inc.

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**ADDENDUM NO. 1  
TO  
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS  
FOR IMPROVEMENTS TO THE  
WASHINGTON COUNTY AIRPORT  
MINERAL POINT, MISSOURI  
MODOT PROJECT NO. 24-060A-1 & 24-060A-2**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal shall result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of June 11, 2024:

**1. CONTRACT DOCUMENTS/SPECIFICATIONS**

**Contract Documents.** Contract Work Items

**Revision:** Section 1-9 through 1-11 Quantity table has been updated

**Justification:** The quantities associated with the changes in this addendum have been updated and reflected in the contract document quantity table.

**Contract Documents.** Proposal sheets

**Revision:** The proposal sheets for Schedule 1 – V and Bid Alternate No.1 have been reissued

**Justification:** The proposal sheets for Schedule 1 – V and Bid Alternate No.1 have been updated to reflect the quantity changes from the items changed in this addendum.

**Specifications.** L-125H Installation of Airport Lighting Systems

**Revision:** Verbiage in bid item L-125m stating to remove existing constant current regulator was changed to say disconnect regulator. Bid item L-125g was changed from a 2 module sign to a 1 module sign.

**Justification:** The airport does not plan to remove the regulator as part of this project. The sign faces for the affected signs only require 1 module.

**Specifications.** F-160 Wire Fence with Wood Posts.

**Revision:** Verbiage in bid item F-160a was changed to indicate “Install Class B Fence (3-Strand Barb Wire, Wood Posts with Metal Line Posts).

**Justification:** The proposed fence has been updated with the intent to match the existing fence that will be tied into.

**2. PLANS**

**G002A - (2 of 145) Index of Drawings**

**Revision:** Sheet C221 has been added

**Justification:** Sheet C221 has been added to the index of drawings.

**G003A - (4 of 145) General Notes**

**Revision:** Site Access and Staging note no. 1 has been removed. Note no. 6 has been updated.

**Justification:** The Contractor is to coordinate with the City on obtaining a water source from off-site.

**G003B - (5 of 145) General Notes**

**Revision:** Safety note no. 4 has been removed

**Justification:** The generator powered runway closure markers are not required. The Contractor may use the runway X's as updated on sheet G051.

**G005A - (7 of 145) Summary of Approximate Quantities**

**Revision:** The Summary of Approximate Quantity table has been updated

**Justification:** The summary of approximate quantity table quantities and item descriptions have been updated per the changes associated with this addendum.

**G005B - (8 of 145) Summary of Approximate Quantities**

**Revision:** The Summary of Approximate Quantity table, Earthwork Summary table, and excavation detail have been updated

**Justification:** The summary of approximate quantity table quantities and item descriptions have been updated per the changes associated with this addendum. The earthwork quantities have been adjusted to reflect the changes with these addendum items. The earthwork calculations detail has been updated to be more clear on the "pay" and "no pay" item hatches.

**G006 (9 of 145) Survey Control Plan**

**Revision:** The "proposed alignment" and "proposed temporary project survey control data" have been removed.

**Justification:** The plan view of the proposed alignment and proposed control table have been removed to avoid confusion. The alignment shift detail has also been removed. The Contractor is to coordinate with the RPR prior to and during construction on the control points and alignment.

**G051 - (18 of 145) Construction Safety Notes and Details**

**Revision:** Runway Closure X detail updated. Lighted barricade detail added.

**Justification:** The lighted runway closure markers are not required, so a revised runway closure marker detail has been updated. The contractor may use the lighted barricades along the runway closure X.

**C100 - (25 of 145) Demolition Plan, STA. 0+50 to 4+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C101 - (26 of 145) Demolition Plan, STA. 4+50 to 8+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C102 - (27 of 145) Demolition Plan, STA. 8+50 to 12+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.



**C103 - (28 of 145) Demolition Plan, STA. 12+50 to 16+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C104 - (29 of 145) Demolition Plan, STA. 16+50 to 20+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C105 - (30 of 145) Demolition Plan, STA. 20+50 to 24+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C106 - (31 of 145) Demolition Plan, STA. 24+50 to 28+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C107 - (32 of 145) Demolition Plan, STA. 28+50 to 32+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C108 - (33 of 145) Demolition Plan, STA. 32+50 to 36+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C109 - (34 of 145) Demolition Plan, STA. 36+50 to 40+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C110 - (35 of 145) Demolition Plan, STA. 40+50 to 44+50, Runway 2/20**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C111 - (36 of 145) Demolition Plan, STA. 44+00 to 48+50, Runway 2/20**

**Revision:** Fence removal limits.

**Justification:** The fence removal limits were updated to match the revised fence geometry.

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C112 - (37 of 145) Demolition Plan, STA. 4+00 to 9+25, Runway 2/20**

**Revision:** Asphalt Pavement Removal Limits.

**Justification:** Updated the limits of the full depth asphalt pavement removal to match against the edge of existing concrete pavements for the south hangar and fuel farm.

**Revision:** Aircraft Tie-Down Callouts.

**Justification:** Updated the sheet callouts to include the location of existing aircraft tie-downs to be removed from the south side of the existing apron.

**Revision:** Existing Gate Callout.

**Justification:** Updated the sheet callouts to include the approximate location of an existing gate near the southeast corner of the apron that will be removed by others.

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C113 - (38 of 145) Demolition Plan, Sta. 9+25 to 14+50, Runway 2/20**

**Revision:** The butt joint width has been updated.

**Justification:** The butt joint width has been updated from 2 feet to 5 feet to provide for easier constructability and tie-in to existing pavement.

**Revision:** Asphalt Pavement Removal Limits.

**Justification:** Updated the limits of the partial depth asphalt pavement removal on the north edge of the existing apron to account for the proposed butt joint being adjusted to five foot wide instead of two foot wide.

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C114 - (39 of 145) Demolition Plan, Tree Removal**

**Revision:** Demolition Legend.

**Justification:** Updated the legend to include a 1.5" Nominal Depth for "Partial Depth Asphalt Removal" and remove the approximate depth from "Clearing and Grubbing".

**Revision:** General Demolition Notes, Note 5.

**Justification:** Updated Note 5 to have all millings and rubble material be placed and rolled on-site.

**C212 - (52 of 145) Geometry Plan, Sta. 4+00 to 9+25, Runway 2/20**

**Revision:** The southwest corner of the apron geometry has been updated.

**Justification:** The south west corner of the apron geometry has been updated to provide easier access and to meet design safety requirements.

**C211 - (51 of 145) Geometry Plan, STA. 44+00 to 48+50, Runway 2/20**

**Revision:** Proposed fence geometry.

**Justification:** The proposed fence geometry was updated to move the fencing closer to the toes of slope for the proposed grading.

**C213 - (53 of 145) Geometry Plan, Sta. 9+25 to 14+50, Runway 2/20**

**Revision:** The butt joint width has been updated.

**Justification:** The butt joint width has been updated from 2 feet to 5 feet to provide for easier constructability and tie-in to existing pavement.

**C221 - (55 of 145) Pavement Typical Sections**

**Revision:** This sheet has been added.

**Justification:** The typical sections for the taxiways and apron have been included as part of this sheet.

**Revision:** Since this sheet has been added, the total number of sheets has been changed to 145.

**Justification:** All existing page numbers from this page to the end of the sheet set have been adjusted. The remaining sheets that have not had any other changes are not part of this addendum.

**C230 - (56 of 145) Miscellaneous Details**

**Revision:** Field Fence with Wood Posts Detail.

**Justification:** The fence detail was updated to adjust for the installation of 3-strand barb wire and to include information from the F-160 technical specification.

**Revision:** Fence Notes.

**Justification:** The notes were updated to adjust for the installation of 3-strand barb wire and to include information from the F-160 technical specification.

**C311 - (68 of 145) Grading Plan, Sta. 3+20 to 8+40, Runway 2/20**

**Revision:** The southwest corner of the apron grading has been updated.

**Justification:** The southwest corner of the apron grading has been updated to reflect the changed apron geometry.

**C500 - (79 of 145) Underdrain Plan, STA. 0+00 to 4+50, Runway 2/20**

**Revision:** Underdrain Cleanout No. 1.

**Justification:** Cleanout No. 1 was adjusted to be Inspection Pit No. 21.

**Revision:** Underdrain Cleanout No. 11.

**Justification:** Cleanout No. 11 was adjusted to be Inspection Pit No. 22.

**C501 - (80 of 145) Underdrain Plan, STA. 4+50 to 8+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C502 - (81 of 145) Underdrain Plan, STA. 8+50 to 12+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C503 - (82 of 145) Underdrain Plan, STA. 12+50 to 16+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C504 - (83 of 145) Underdrain Plan, STA. 16+50 to 20+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C505 - (84 of 145) Underdrain Plan, STA. 20+50 to 24+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C506 - (85 of 145) Underdrain Plan, STA. 24+50 to 28+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C507 - (86 of 145) Underdrain Plan, STA. 28+50 to 32+50, Runway 2/20**

**Revision:** Outfall No. 15 Callout.

**Justification:** Added a viewport to the plan sheet to show the information for the end of Outfall No. 15.

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C508 - (87 of 145) Underdrain Plan, STA. 32+50 to 36+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C509 - (88 of 145) Underdrain Plan, STA. 36+50 to 40+50, Runway 2/20**

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C510 - (89 of 145) Underdrain Plan, STA. 40+50 to 44+50, Runway 2/20**

**Revision:** Inspection Pit No. 8.

**Justification:** Updated the underdrain plan to add Outfall No. 19 to Inspection Pit No. 8.

**Revision:** Inspection Pit No. 20.

**Justification:** Updated the underdrain plan to add Outfall No. 20 to Inspection Pit No. 20.

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C511 - (90 of 145) Underdrain Plan, Sta. 4+50 to 8+50, Runway 2/20**

**Revision:** Underdrain Geometry on Southwest Apron Corner.

**Justification:** Updated the underdrain geometry on the southwest corner of the apron to account for the adjusted geometry and added a viewport to show the end of Outfall No. 18.

**Revision:** Underdrain Geometry on East Apron Edge.

**Justification:** Updated the underdrain plan to add underdrain pipe and structures along the east edge of the apron.

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C512 - (91 of 145) Underdrain Plan, STA. 8+50 to 12+50, Runway 2/20**

**Revision:** Underdrain Geometry on East & North Apron Edge.

**Justification:** Updated the underdrain plan to add underdrain pipe and structures along the east edge and north edge of the apron.

**Revision:** Underdrain Pipe Callouts.

**Justification:** The callouts for the underdrain pipe lengths were updated to indicate 6" PE Pipe instead of 6" PVC Pipe.

**C711 - (109 of 145) Pavement Marking Plan, Sta. 4+00 to 9+25, Runway 2/20**

**Revision:** The southwest corner of the apron geometry has been updated.

**Justification:** The southwest corner of the apron geometry has been updated. The paint layout has not been affected.

**C801 - (113 of 145) Erosion Control Plan, STA. 3+20 to 8+40, Runway 2/20**

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to fix an area of "Seeding with Hydromulch" that had been overlapping with an area of "Seeding with Erosion Control Blanket".

**C802 - (114 of 145) Erosion Control Plan, STA. 8+40 to 13+60, Runway 2/20**

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to fix overlapping areas of “Seeding with Hydromulch” and “Seeding with Erosion Control Blanket”, as well as adjust the layout to cover areas of proposed grading that were not previously included in the erosion control limits.

**C803 - (115 of 145) Erosion Control Plan, STA. 13+60 to 18+80, Runway 2/20**

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to reduce the limits shown for “Seeding with Erosion Control Blanket” and “Silt Fence” to adjust closer to the proposed grading limits.

**C808 - (120 of 145) Erosion Control Plan, STA. 39+60 to 44+80, Runway 2/20**

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to fix overlapping areas of “Seeding with Hydromulch” and “Seeding with Erosion Control Blanket”, as well as adjust the layout to cover areas of proposed grading that were not previously included in the erosion control limits.

**C809 - (121 of 145) Erosion Control Plan, STA. 44+80 to 48+50, Runway 2/20**

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to fix overlapping areas of “Seeding with Hydromulch” and “Seeding with Erosion Control Blanket”, as well as adjust the layout to cover areas of proposed grading that were not previously included in the erosion control limits.

**C813 - (125 of 145) Erosion Control Plan, Sta. 4+00 to 9+25, Runway 2/20**

**Revision:** The southwest corner of the apron erosion control has been updated.

**Justification:** The southwest corner of the apron erosion control has been updated to reflect the changed apron geometry.

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to fix overlapping areas of “Seeding with Hydromulch” and “Seeding with Erosion Control Blanket”, adjust an area of “Seeding with Hydromulch” that was overlapping onto the existing asphalt pavement, and adjust the limits of “Seeding with Hydromulch” to account for the revised geometry on the southwest corner of the apron.

**C814 - (126 of 145) Erosion Control Plan, STA. 8+40 to 13+60 OS 180' R, Runway 2/20**

**Revision:** Erosion Control Layout.

**Justification:** The erosion control layout was updated to fix overlapping areas of “Seeding with Hydromulch” and “Seeding with Erosion Control Blanket”, as well as adjust the proposed location of the culvert protection to be shown directly downstream of the existing storm pipe north of the apron.

**E200 – (133 of 145) Electrical Geometry**

**Revision:** The conduit running from the vault to the airfield circuit was changed.

**Justification:** The electrical geometry was updated to match the new apron geometry.

**E210 – (137 of 145) Electrical Circuit**

**Revision:** The conduit running from the vault to the airfield circuit was changed.

**Justification:** The electrical geometry was updated to match the new pavement geometry.

**E252 – (142 of 145) Electrical Details**

**Revision:** Updated 2 module signs to state 1 module.

**Justification:** The signs were updated to match the change to bid item L-125g.

**E254 – (145 of 145) Electrical Details**

**Revision:** Updated callout to state that the existing regulator is to be removed by others.

**Justification:** The airport is planning to remove the existing regulator at a later date.

**3. QUESTIONS**

**Question:** In the Plans, sheet G025 & G026 are blank, can you provide the intended information?

**Answer:** These were placeholders for the borings from the geotechnical report. These will be added as part of Addendum No. 2.

**Question:** Would it be possible to get an electronic file of the grading plan?

**Answer:** This will be provided once the project is awarded. For the bid please bid all items based on the quantities provided.

**Question:** I cannot reconcile the quantities for Item No's D-751A and D-751B for Schedule III. The drawing lists 15 and 9 respectively. I am finding 10 and 4 on the drawings.

**Answer:** The drawings were updated to show underdrain on the east side of the apron which accounts for the extra underdrain structures.

**Question:** I have not completed the take-off of D-705A and D-705-B, but with a quick review, these quantities seem inconsistent with the drawings. Can you please clarify?

**Answer:** The drawings were updated to show underdrain on the east side of the apron which accounts for the extra underdrain structures.

**Question:** Referencing drawing C511, Sheet 89 of 144. Should Inspection Pit IP No. 9 have an outfall pipe? Also, CO NO. 17 is not labeled.

**Answer:** Inspection Pit No. 9 drains to Inspection Pit No. 8 which then has an outfall. CO no. 17 call out is updated in this addendum.

**Question:** I have not completed the take-off of D-705A and D-705-B, but with a quick review, these quantities seem inconsistent with the drawings. Can you please clarify?

**Answer:** The drawings were updated to show underdrain on the east side of the apron which accounts for the extra underdrain structures.

**Question:** Bid Item L-125g is for 2-module signs. However the sign legends on the sign schedule marked as 2 modules only require 1 module. Are they specified as 2-modules for a reason?

**Answer:** The drawings were updated to show 1 module signs.

**Question:** Table 1 of D-705 lists two porous material gradations. Drawing C551 indicates "Porous Backfill Bedding (D-705)" without defining the No. 1 or No. 2 gradation. Which gradation is required for the underdrain?

**Answer:** The Contractor may use whichever gradation that they choose.

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**Question:** Do you have an engineer's estimate for this project?

**Answer:** The engineer's estimate is not publicly released.

**Question:** Drawing G003A SITE ACCESS AND STAGING NOTE 1 indicates that a water meter will be provided by the airport for construction water. Drawing G003A SITE ACCESS AND STAGING NOTE 6 indicates that the contractor is to provide non-potable water for construction purposes, for P-152 and/or dust control. Can the water provided by the airport via the meter be used as the non-potable water in note 6? Or will we need to provide the non-potable water from offsite? What volume of water (gpm) will the airport be able to provide? What is the cost of the water provided by the airport?

**Answer:** The Contractor will be responsible for coordinating with the City to obtain water from an off-site source. The plan notes have been updated in this addendum to reflect that clarification.

**Question:** Drawing G051 NOTE 17. DUST CONTROL indicates the contractor is to have a water truck and operator available 24 hours per day to control dust. Is this required if the runway is shutdown for the 125-day construction duration?

**Answer:** The Contractor is responsible for having an onsite water truck even if the runway is closed.

**Question:** Drawing G003B note 4 describes the requirement for two lighted runway closure markers. It says to "SEE RUNWAY CLOSURE MARKING (RCM) NOTES ON SHEET G-055 FOR ADDITIONAL INFORMATION". Note 8 on G055 indicates the requirement for the RCM's but no details. Is detail 1 on drawing G051 the proper detail for the RCM's? If so, the detail 1 on G051 does not indicate any required lighting with generators as indicated in note 4 on Drawing G003B. Detail 1 on G051 only indicates an unlighted "X". Can you please clarify?

**Answer:** The contractor may use the runway closure marker as noted on G051, which have been updated. The generator operated lighted runway closure markers are not required.

The final questions will be accepted until 4:00 p.m. (CT) Thursday, June 20, 2024.

**\*\* END OF ADDENDUM NO. 1 \***

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# SECTION 1 NOTICE TO BIDDERS

Washington County Airport  
Mineral Point, MO  
State Block Grant Project No. 24-060A-1 and 24-060A-2

Sealed bids subject to the conditions and provisions presented herein will be received until 9:00 a.m, Monday, June 24, 2024, and then publicly opened and read at Washington County Courthouse -102 N Missouri Street, Potosi, MO 63664, for furnishing all labor, materials, equipment and performing all work necessary to

Schedule I: Runway 2/20 Reconstruction  
Schedule II: Runway 2/20 Widening  
Schedule III: Apron Reconstruction  
Schedule IV: Runway Lighting Rehabilitation  
Schedule V: Runway Guidance Signs  
Bid Alternate No.1: Full Depth Reclamation

**Contract Documents.** The complete set of Specifications and Contract Documents are available at <https://woolpert.com/bid> and/or [www.questcdn.com](http://www.questcdn.com) - Reference Quest Number 9141371 beginning on 5/28/2024. To be considered a plan holder for bids, register with QuestCDN.com for a free Regular membership and download the bidding documents in digital form at a cost of Twenty-Two Dollars (\$22.00). Downloading the documents and becoming a plan holder is recommended as plan holder's receive automatic notice of addenda, other bid updates. Contact QuestCDN Customer Support at 952-233-1632 or [Support@QuestCDN.com](mailto:Support@QuestCDN.com) for assistance in membership registration or downloading digital bidding documents. Interested parties may view the contract documents at no cost prior to deciding to become a plan holder.

In order to submit a responsive bid as a Prime Contractor and to receive all necessary addendum(s) for this project, you must be on the Planholder's List. **It is the planholder's responsibility to review the site for addendums and changes before submitting their proposal. This includes review for environmental changes. Environmental changes during construction could take up to four weeks for approval.** For additional information, please contact us via email at [bid.info@Woolpert.com](mailto:bid.info@Woolpert.com).

**Pre-Bid Conference.** The pre-bid conference for this project will be held on Wednesday, June 12, 2024 at 10:00 a.m., at Airport Terminal Building, Conference Room - 12225 East State Highway 8, Mineral Point, MO 63660. All bidders are required to examine the site to become familiar with all site conditions.

**Contract Work Items.** This project will involve the following work items and estimated quantities. Prospective bidders are hereby advised that the quantities indicated herein are approximate and are subject to change.

Item No.	Item Description	Unit	Sch. I	Sch. II	Sch. III	Sch. IV	Sch. V	Bid Alt. 1
C-100a	Contractor Quality Control Program (CQCP)	LS	1	1	1	1	0	1
C-102a	Erosion Control	LS	1	1	1	0	0	1
C-105a	Mobilization	LS	1	1	1	1	1	1
P-101a	Asphalt Pavement Removal, Full Depth	SY	27,370	1,630	11,680	0	0	27,370
P-101b	Asphalt Pavement Removal, Partial Depth	SY	0	0	50	0	0	0
P-101c	Concrete Pavement & Building Foundation Removal, Full Depth	SY	0	0	370	0	0	0
P-101d	Remove Existing 24-Inch Reinforced Concrete Pipe and Flared End Sections	LF	0	0	132	0	0	0

P-101e	Remove Existing 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	1	0	0	0	0	1
P-101f	Remove Existing Barbed Wire Fence, Complete	LF	210	0	0	0	0	210
P-101g	Remove Aircraft Tie-Down Anchors, Complete	EA	0	0	27	0	0	0
P-151a	Tree Removal	AC	2	0	0	0	0	2
P-152a	Unclassified Excavation	CY	9,200	16,400	5,500	0	0	9,200
P-154a	Subbase Course	CY	4,540	1,460	2,420	0	0	0
P-154b	Separation Geotextile	SY	27,200	8,740	14,470	0	0	0
P-156a	Cement Treated Subgrade	SY	27,200	8,740	14,470	0	0	0
P-156b	Cement	TON	1,060	350	570	0	0	0
P-207a	Asphalt Pavement Full Depth Reclamation (FDR), Trimming, & Grading	SY	0	0	0	0	0	27,210
P-207b	Cement	TON	0	0	0	0	0	710
P-207c	Emulsified Asphalt	TON	0	0	0	0	0	330
P-208a	Aggregate Base Course	CY	4,670	1,500	2,490	0	0	0
P-401a	Asphalt Paving Course	TON	6,820	1,960	3,590	0	0	6,820
P-603a	Emulsified Asphalt Tack Coat	GAL	4,200	1,210	2,220	0	0	4,200
P-620a	Temporary Pavement Marking	SF	19,560	3,970	1,170	0	0	19,560
P-620b	Permanent Pavement Marking, White	SF	19,130	3,630	0	0	0	19,130
P-620c	Permanent Pavement Marking, Yellow	SF	440	340	1,170	0	0	440
P-620d	Permanent Pavement Marking, Black	SF	0	700	0	0	0	0
P-640a	Install Aircraft Tie-Down Anchor	EA	0	0	27	0	0	0
F-160a	Install Class B Fence (3-Strand Barb Wire, Wood Posts with Metal Line Posts)	LF	220	0	0	0	0	220
D-701a	Install 12-Inch Reinforced Concrete Pipe, Class V	LF	80	0	0	0	0	80
D-701b	Install 24-Inch Reinforced Concrete Pipe, Class V	LF	0	0	129	0	0	0
D-701c	Install 36-Inch Reinforced Concrete Pipe, Class V	LF	33	0	0	0	0	33
D-701d	Install 12-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	2	0	0	0	0	2
D-701e	Install 24-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	0	0	2	0	0	0
D-701f	Install 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	1	0	0	0	0	1
D-705a	Install 6-Inch Perforated Polyethylene Pipe	LF	0	8,610	1,520	0	0	0
D-705b	Install 6-Inch Non-Perforated Polyethylene Pipe	LF	0	970	270	0	0	0
D-751a	Install 6-Inch Underdrain Cleanout	EA	0	27	13	0	0	0
D-751b	Install Inspection Pit	EA	0	18	9	0	0	0
D-751c	Install Aircraft Rated Inlet	EA	0	2	0	0	0	0
D-754a	Construct 4-Foot Concrete Drain Pan, Complete	LF	290	0	0	0	0	290
T-901a	Seeding with Hydromulch	AC	17	0	2	0	0	17
T-901b	Seeding Under Erosion Control Blanket	AC	4	0	0	0	0	4

T-901c	Erosion Control Blanket	SY	17,870	0	0	0	0	17,870
L-108a	Install #8 AWG, L-824C, 5000V, Wire	LF	0	0	0	24,500	0	0
L-108b	Install #6 AWG, Bare Copper Counterpoise Including Ground Rods and Terminations	LF	0	0	0	11,500	0	0
L-110a	Install 1-2" SCH. 40 PVC Conduit (DEB)	LF	0	0	0	10,750	0	0
L-110b	Install 1-2" SCH. 40 PVC Conduit (CE)	LF	0	0	0	250	0	0
L-110c	Install 2-3" Spare SCH. 40 PVC Conduit (CE)	LF	0	0	0	300	0	0
L-115a	Remove L-867 Junction Box, Complete	EA	0	0	0	2	0	0
L-115b	Install L-867 Junction Box, Complete	EA	0	0	0	2	0	0
L-125a	Remove Runway Edge Light and Base, Complete	EA	0	42	0	0	0	0
L-125b	Remove Runway Threshold Light and Base, Complete	EA	0	16	0	0	0	0
L-125c	Remove Taxiway Edge Light and Base, Complete	EA	0	4	21	0	0	0
L-125d	Install new LED L-861 Runway Edge Light on New Base, Complete	EA	0	0	0	42	0	0
L-125e	Install New LED L-861E Runway Threshold Light on New Base, Complete	EA	0	0	0	16	0	0
L-125f	Install New LED L-861T Taxiway Edge Light on New Base, Complete	EA	0	0	0	28	0	0
L-125g	Install New L-858 Lighted Guidance Sign on New concrete Pad in Soil, Size 1, 1 Module, Complete	EA	0	0	0	0	3	0
L-125h	Install New L-858 Lighted Guidance Sign on New Concrete Pad in Soil, Size 1, 3 Module, Complete	EA	0	0	0	0	2	0
L-125i	Install L-881 LED PAPI System, Style A, on New Foundation, Complete	EA	0	0	0	2	0	0
L-125j	Install PAPI Power Frame on New Foundation, Complete	EA	0	0	0	2	0	0
L-125k	Install L-849 LED REIL System on New Foundation, Complete	EA	0	0	0	2	0	0
L-125l	Install New L-853 Stake Mounted Retroreflective Marker	EA	0	0	0	6	0	0
L-125m	Connect Airfield Circuits to Spare Constant Current Regulator	LS	0	0	0	1	0	0
L-125n	Spare Parts for Airport Visual Aids (Unit Cost Fixed at \$10,000)	LS	0	0	0	1	0	0

**Contract Time.** The owner has established a contract perform time of 125 calendar day(s) from the date of the Notice-to-Proceed. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed in the project manual.

**Bid Security.** No bid will be considered unless accompanied by a certified check or cashier's check on any bank or trust company insured by the Federal Deposit Insurance Corporation, payable to the Owner, for not less than five (5) percent of the total amount of the bid, or by a bid bond secured by an approved surety or sureties, payable to the County of Washington, for not less than five (5) percent of the total amount of the bid.

SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Erosion Control	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Asphalt Pavement Removal, Full Depth	at the unit price of: _____ dollars and _____ cents.	SY	27,370	\$	\$
P-101e	Remove Existing 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
P-101f	Remove Existing Barbed Wire Fence, Complete	at the unit price of: _____ dollars and _____ cents.	LF	210	\$	\$
P-151a	Tree Removal	at the unit price of: _____ dollars and _____ cents.	AC	2	\$	\$
P-152a	Unclassified Excavation	at the unit price of: _____ dollars and _____ cents.	CY	9,200	\$	\$
P-154a	Subbase Course	at the unit price of: _____ dollars and _____ cents.	CY	4,540	\$	\$
P-154b	Separation Geotextile	at the unit price of: _____ dollars and _____ cents.	SY	27,200	\$	\$
P-208a	Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	CY	4,670	\$	\$
P-401a	Asphalt Paving Course	at the unit price of: _____ dollars and _____ cents.	TON	6,820	\$	\$
P-603a	Emulsified Asphalt Tack Coat	at the unit price of: _____ dollars and _____ cents.	GAL	4,200	\$	\$
P-620a	Temporary Pavement Marking	at the unit price of: _____ dollars and _____ cents.	SF	19,560	\$	\$
P-620b	Permanent Pavement Marking, White	at the unit price of: _____ dollars and _____ cents.	SF	19,130	\$	\$
P-620c	Permanent Pavement Marking, Yellow	at the unit price of: _____ dollars and _____ cents.	SF	440	\$	\$
F-160a	Install Class B Fence (3-Strand Barb Wire, Wood Posts with Metal Line Posts)	at the unit price of: _____ dollars and _____ cents.	LF	220	\$	\$
D-701a	Install 12-Inch Reinforced Concrete Pipe, Class V	at the unit price of: _____ dollars and _____ cents.	LF	80	\$	\$
D-701c	Install 36-Inch Reinforced Concrete Pipe, Class V	at the unit price of: _____ dollars and _____ cents.	LF	33	\$	\$
D-701d	Install 12-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$

SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
D-701f	Install 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
D-754a	Construct 4-Foot Concrete Drain Pan, Complete	at the unit price of: _____ dollars and _____ cents.	LF	290	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	17	\$	\$
T-901b	Seeding Under Erosion Control Blanket	at the unit price of: _____ dollars and _____ cents.	AC	4	\$	\$
T-901c	Erosion Control Blanket	at the unit price of: _____ dollars and _____ cents.	SY	17,870	\$	\$

SCHEDULE I TOTAL \$ \_\_\_\_\_

SCHEDULE II						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Erosion Control	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Asphalt Pavement Removal, Full Depth	at the unit price of: _____ dollars and _____ cents.	SY	1,630	\$	\$
P-152a	Unclassified Excavation	at the unit price of: _____ dollars and _____ cents.	CY	16,400	\$	\$
P-154a	Subbase Course	at the unit price of: _____ dollars and _____ cents.	CY	1,460	\$	\$
P-154b	Separation Geotextile	at the unit price of: _____ dollars and _____ cents.	SY	8,740	\$	\$
P-156a	Cement Treated Subgrade	at the unit price of: _____ dollars and _____ cents.	SY	8,740	\$	\$
P-156b	Cement	at the unit price of: _____ dollars and _____ cents.	TON	350	\$	\$
P-208a	Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	CY	1,500	\$	\$
P-401a	Asphalt Paving Course	at the unit price of: _____ dollars and _____ cents.	TON	1,960	\$	\$
P-603a	Emulsified Asphalt Tack Coat	at the unit price of: _____ dollars and _____ cents.	GAL	1,210	\$	\$
P-620a	Temporary Pavement Marking	at the unit price of: _____ dollars and _____ cents.	SF	3,970	\$	\$
P-620b	Permanent Pavement Marking, White	at the unit price of: _____ dollars and _____ cents.	SF	3,630	\$	\$
P-620c	Permanent Pavement Marking, Yellow	at the unit price of: _____ dollars and _____ cents.	SF	340	\$	\$
P-620d	Permanent Pavement Marking, Black	at the unit price of: _____ dollars and _____ cents.	SF	700	\$	\$
D-705a	Install 6-Inch Perforated Polyethylene Pipe	at the unit price of: _____ dollars and _____ cents.	LF	8,610	\$	\$
D-705b	Install 6-Inch Non-Perforated Polyethylene Pipe	at the unit price of: _____ dollars and _____ cents.	LF	970	\$	\$
D-751a	Install 6-Inch Underdrain Cleanout	at the unit price of: _____ dollars and _____ cents.	EA	27	\$	\$
D-751b	Install Inspection Pit	at the unit price of: _____ dollars and _____ cents.	EA	18	\$	\$
D-751c	Install Aircraft Rated Inlet	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$

SCHEDULE II						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
L-125a	Remove Runway Edge Light and Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	42	\$	\$
L-125b	Remove Runway Threshold Light and Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	16	\$	\$
L-125c	Remove Taxiway Edge Light and Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	4	\$	\$

SCHEDULE II TOTAL \$ \_\_\_\_\_

SCHEDULE III						
Item No.	Description		Units	Estimate d Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Erosion Control	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Asphalt Pavement Removal, Full Depth	at the unit price of: _____ dollars and _____ cents.	SY	11,680	\$	\$
P-101b	Asphalt Pavement Removal, Partial Depth	at the unit price of: _____ dollars and _____ cents.	SY	50	\$	\$
P-101c	Concrete Pavement & Building Foundation Removal, Full Depth	at the unit price of: _____ dollars and _____ cents.	SY	370	\$	\$
P-101d	Remove Existing 24-Inch Reinforced Concrete Pipe and Flared End Sections	at the unit price of: _____ dollars and _____ cents.	LF	132	\$	\$
P-101g	Remove Aircraft Tie-Down Anchors, Complete	at the unit price of: _____ dollars and _____ cents.	EA	27	\$	\$
P-152a	Unclassified Excavation	at the unit price of: _____ dollars and _____ cents.	CY	5,500	\$	\$
P-154a	Subbase Course	at the unit price of: _____ dollars and _____ cents.	CY	2,420	\$	\$
P-154b	Separation Geotextile	at the unit price of: _____ dollars and _____ cents.	SY	14,470	\$	\$
P-156a	Cement Treated Subgrade	at the unit price of: _____ dollars and _____ cents.	SY	14,470	\$	\$
P-156b	Cement	at the unit price of: _____ dollars and _____ cents.	TON	570	\$	\$
P-208a	Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	CY	2,490	\$	\$
P-401a	Asphalt Paving Course	at the unit price of: _____ dollars and _____ cents.	TON	3,590	\$	\$
P-603a	Emulsified Asphalt Tack Coat	at the unit price of: _____ dollars and _____ cents.	GAL	2,220	\$	\$
P-620a	Temporary Pavement Marking	at the unit price of: _____ dollars and _____ cents.	SF	1,170	\$	\$
P-620c	Permanent Pavement Marking, Yellow	at the unit price of: _____ dollars and _____ cents.	SF	1,170	\$	\$
P-640a	Install Aircraft Tie-Down Anchor	at the unit price of: _____ dollars and _____ cents.	EA	27	\$	\$
D-701b	Install 24-Inch Reinforced Concrete Pipe, Class V	at the unit price of: _____ dollars and _____ cents.	LF	129	\$	\$



SCHEDULE III						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
D-701e	Install 24-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
D-705a	Install 6-Inch Perforated Polyethylene Pipe	at the unit price of: _____ dollars and _____ cents.	LF	1,520	\$	\$
D-705b	Install 6-Inch Non-Perforated Polyethylene Pipe	at the unit price of: _____ dollars and _____ cents.	LF	270	\$	\$
D-751a	Install 6-Inch Underdrain Cleanout	at the unit price of: _____ dollars and _____ cents.	EA	13	\$	\$
D-751b	Install Inspection Pit	at the unit price of: _____ dollars and _____ cents.	EA	9	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	2	\$	\$
L-125c	Remove Taxiway Edge Light and Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	21	\$	\$

**SCHEDULE III TOTAL \$ \_\_\_\_\_**

SCHEDULE IV						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
L-108a	Install #8 AWG, L-824C, 5000V, Wire	at the unit price of: _____ dollars and _____ cents.	LF	24,500	\$	\$
L-108b	Install #6 AWG, Bare Copper Counterpoise Including Ground Rods and Terminations	at the unit price of: _____ dollars and _____ cents.	LF	11,500	\$	\$
L-110a	Install 1-2" SCH. 40 PVC Conduit (DEB)	at the unit price of: _____ dollars and _____ cents.	LF	10,750	\$	\$
L-110b	Install 1-2" SCH. 40 PVC Conduit (CE)	at the unit price of: _____ dollars and _____ cents.	LF	250	\$	\$
L-110c	Install 2-3" Spare SCH. 40 PVC Conduit (CE)	at the unit price of: _____ dollars and _____ cents.	LF	300	\$	\$
L-115a	Remove L-867 Junction Box, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-115b	Install L-867 Junction Box, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125d	Install new LED L-861 Runway Edge Light on New Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	42	\$	\$
L-125e	Install New LED L-861E Runway Threshold Light on New Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	16	\$	\$
L-125f	Install New LED L-861T Taxiway Edge Light on New Base, Complete	at the unit price of: _____ dollars and _____ cents.	EA	28	\$	\$
L-125i	Install L-881 LED PAPI System, Style A, on New Foundation, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125j	Install PAPI Power Frame on New Foundation, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125k	Install L-849 LED REIL System on New Foundation, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125l	Install New L-853 Stake Mounted Retroreflective Marker	at the unit price of: _____ dollars and _____ cents.	EA	6	\$	\$
L-125m	Connect Airfield Circuits to Spare Constant Current Regulator	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
L-125n	Spare Parts for Airport Visual Aids (Unit Cost Fixed at \$10,000)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$

SCHEDULE IV TOTAL \$ \_\_\_\_\_

SCHEDULE V						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
L-125g	Install New L-858 Lighted Guidance Sign on New concrete Pad in Soil, Size 1, 1 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	3	\$	\$
L-125h	Install New L-858 Lighted Guidance Sign on New Concrete Pad in Soil, Size 1, 3 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$

SCHEDULE V TOTAL \$ \_\_\_\_\_

BID ALTERNATE NO. 1						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Erosion Control	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Asphalt Pavement Removal, Full Depth	at the unit price of: _____ dollars and _____ cents.	SY	27,370	\$	\$
P-101e	Remove Existing 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
P-101f	Remove Existing Barbed Wire Fence, Complete	at the unit price of: _____ dollars and _____ cents.	LF	210	\$	\$
P-151a	Tree Removal	at the unit price of: _____ dollars and _____ cents.	AC	2	\$	\$
P-152a	Unclassified Excavation	at the unit price of: _____ dollars and _____ cents.	CY	9,200	\$	\$
P-207a	Asphalt Pavement Full Depth Reclamation (FDR), Trimming, & Grading	at the unit price of: _____ dollars and _____ cents.	SY	27,210	\$	\$
P-207b	Cement	at the unit price of: _____ dollars and _____ cents.	TON	710	\$	\$
P-207c	Emulsified Asphalt	at the unit price of: _____ dollars and _____ cents.	TON	330	\$	\$
P-401a	Asphalt Paving Course	at the unit price of: _____ dollars and _____ cents.	TON	6,820	\$	\$
P-603a	Emulsified Asphalt Tack Coat	at the unit price of: _____ dollars and _____ cents.	GAL	4,200	\$	\$
P-620a	Temporary Pavement Marking	at the unit price of: _____ dollars and _____ cents.	SF	19,560	\$	\$
P-620b	Permanent Pavement Marking, White	at the unit price of: _____ dollars and _____ cents.	SF	19,130	\$	\$
P-620c	Permanent Pavement Marking, Yellow	at the unit price of: _____ dollars and _____ cents.	SF	440	\$	\$
F-160a	Install Class B Fence (3-Strand Barb Wire, Wood Posts with Metal Line Posts)	at the unit price of: _____ dollars and _____ cents.	LF	220	\$	\$
D-701a	Install 12-Inch Reinforced Concrete Pipe, Class V	at the unit price of: _____ dollars and _____ cents.	LF	80	\$	\$
D-701c	Install 36-Inch Reinforced Concrete Pipe, Class V	at the unit price of: _____ dollars and _____ cents.	LF	33	\$	\$

BID ALTERNATE NO. 1						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
D-701d	Install 12-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
D-701f	Install 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
D-754a	Construct 4-Foot Concrete Drain Pan, Complete	at the unit price of: _____ dollars and _____ cents.	LF	290	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	17	\$	\$
T-901b	Seeding Under Erosion Control Blanket	at the unit price of: _____ dollars and _____ cents.	AC	4	\$	\$
T-901c	Erosion Control Blanket	at the unit price of: _____ dollars and _____ cents.	SY	17,870	\$	\$

**BID ALTERNATE NO. 1 TOTAL \$ \_\_\_\_\_**

in the direction indicated and shall be provided with gate stops, as specified or as shown on the plans. Gates shall be erected at locations shown on the plans.

**160-3.9 EXISTING FENCE CONNECTIONS.** Wherever the new fence joins an existing fence, either at a corner or at the intersection of straight fence lines, a corner or anchor post shall be set at the junction and braced and anchored the same as herein described for corner posts.

If the connection is made at other than the corner of the new fence, the last span of the old fence shall contain a brace span.

**160-3.10 CLEANING UP.** The Contractor shall remove from the vicinity of the completed work all tools, buildings, equipment, etc., used during construction. All disturbed areas shall be seeded per T-901.

## METHOD OF MEASUREMENT

**160-4.1** Fences, Class A (Wood Posts) or Class B (Wood Posts), shall be measured in place from outside to outside of end posts or corner posts and shall be the length of fence actually constructed, except for the space occupied by the gates.

## BASIS OF PAYMENT

**160-5.1** Payment will be made at the contract unit price per linear foot for Class A or Class B wire fence. This price shall be full compensation for furnishing all materials and for preparation, erection, and installation of these materials, and for all labor, equipment, tools and incidentals necessary to complete the item.

Payment will be made under:

Item F-160A	Install Class B Fence (3-Strand Barb Wire, Wood Posts with Metal Line Posts) - per linear foot
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## REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM International (ASTM)

ASTM A116	Standard Specification for Metallic-Coated, Steel Woven Wire Fence Fabric
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ASTM A121	Standard Specification for Metallic-Coated Carbon Steel Barbed Wire
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American Wood Preservers Association (AWPA)

AWPA U1	Use Category System: User Specification for Treated Wood
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Precision Approach Path Indicator shall be measured by each system installed as a completed unit, in place, ready for operation, and accepted by the RPR. Abbreviated Precision Approach Path Indicator shall be measured by each system installed as a completed unit, in place, ready for operation, and accepted by the RPR.

## **BASIS OF PAYMENT**

**125-5.1** Payment will be made at the Contract unit price for each complete runway or taxiway light, guidance sign, reflective marker, runway end identification light, precision approach path indicator, or abbreviated precision approach path indicator installed by the Contractor and accepted by the RPR. This payment will be full compensation for furnishing all materials and for all preparation, assembly, and installation of these materials, and for all labor, equipment, tools and incidentals necessary to complete this item.

Payment will be made under:

Item L-125A	Remove Runway Edge Light and Base, Complete – per each
Item L-125B	Remove Runway Threshold Light and Base, Complete – per each
Item L-125C	Remove Taxiway Edge Light and Base, Complete– per each
Item L-125D	Install New LED L-861 Runway Edge Light on New Base, Complete – per each
Item L-125E	Install New LED L-861E Runway Threshold Light on New Base, Complete – per each
Item L-125F	Install New LED L-861T Taxiway Edge Light on New Base, Complete - per each
Item L-125G	Install New L-858 Lighted Guidance Sign on New Concrete Pad in Soil, Size 1, 1 Module, Complete – per each
Item L-125H	Install New L-858 Lighted Guidance Sign on New Concrete Pad in Soil, Size 1, 3 Module, Complete – per each
Item L-125I	Install L-881 LED PAPI System, Style A, on New Foundation, Complete – per each
Item L-125J	Install PAPI Power Frame on New Foundation, Complete – per each
Item L-125K	Install L-849 LED REIL System on New Foundation, Complete – per each
Item L-125L	Install New L-853 Stake Mounted Retroreflective Marker – per each
Item L-125M	Connect Airfield Circuits to Spare Constant Current Regulator – lump sum
Item L-125N	Spare Parts for Airport Visual Aids (Unit Cost Fixed at \$10,000) – per lump sum

Printed June 11, 2024 @ 5:55 PM by: Borzu, Nicole  
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ISSUED FOR BID		
THESE DRAWINGS ARE FOR PURPOSES ONLY. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:		
LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

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24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO.  
1015274

SHEET NAME

G002A

SHEET NO.

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- IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, OR REPRESENT A SIGNIFICANT DIFFERENCE BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
2. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
3. PROJECT PAY ITEMS PROVIDED ARE TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN. ALL WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM SHALL BE CONSIDERED REQUIRED WORK TO COMPLETE THE PROJECT AND IS TO BE INCIDENTAL TO THE COST OF PROJECT PAY ITEMS PROVIDED.
4. WHENEVER, IN THE CONTRACT DOCUMENTS, THE WORDS "PROVIDE", "FURNISH", "INSTALL", "FURNISH AND INSTALL", OR SIMILAR WORDS ARE USED, IT SHALL BE UNDERSTOOD THAT THE INTENT OF THE CONTRACT DOCUMENTS IS TO PROVIDE FOR THE CONSTRUCTION AND COMPLETION IN EVERY DETAIL THE WORK DESCRIBED. IT IS FURTHER INTENDED THAT THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, SUPPLIES, TESTING, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS (PLANS), SPECIFICATIONS, AND TERMS OF THE CONTRACT.
5. CONTRACTOR SHALL KEEP A SET OF AS-BUILT DRAWINGS ON-SITE AND MAKE AVAILABLE TO THE ENGINEER AT ALL TIMES. AS-BUILT SET SHALL BE SUBMITTED TO THE ENGINEER AT THE COMPLETION OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING ALL AS-BUILT INFORMATION DURING THE PROJECT. THE CONTRACTOR SHALL NOTE, AND BRING TO THE ENGINEER'S ATTENTION, ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS.
6. ALL DAMAGE TO UTILITIES, PAVEMENT, EQUIPMENT, OR STRUCTURES FROM CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY REPORTED TO THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL DETERMINE WHETHER REPAIR OR REPLACEMENT IS NECESSARY. ALL REPAIR METHODS SHALL BE SUBMITTED TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THE WORK. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE SPONSOR AND TO THE APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL PROVIDE WORKMANSHIP AND MATERIALS THAT ARE OF GOOD QUALITY AND COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
8. CONTRACTOR SHALL PROVIDE WORK, EQUIPMENT AND MATERIALS THAT COMPLY WITH FAA REQUIREMENTS, NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, AND ALL LOCAL CODES.
9. CONTRACTOR SHALL PROVIDE THE NECESSARY NUMBER OF RADIOS FOR HIS/HER WORKFORCE.
10. SWEEPER(S) SHALL BE AVAILABLE AT ALL TIMES TO CLEAN FOREIGN OBJECT DEBRIS (FOD) FROM HAUL ROUTE OR OTHER AREAS ADJACENT TO CONSTRUCTION ACTIVITY. CONTRACTOR SHALL CONSTANTLY MONITOR AIRCRAFT MOVEMENT AREAS FOR FOD AND IMMEDIATELY REMOVE ALL DEBRIS.
11. PRIOR TO OPENING OR CLOSING A RUNWAY OR TAXIWAY, THE CONTRACTOR MUST, THROUGH THE AIRPORT, GIVE NOTICE USING THE NOTICE TO AIRMAN (NOTAM) SYSTEM OF PROPOSED LOCATION, TIME AND DATE OF COMMENCEMENT OF CONSTRUCTION AND THE DURATION OF THE CLOSURE.
12. THIS PROJECT MAY GENERATE QUANTITIES OF ASPHALT MILLINGS. THE CONTRACTOR SHALL COORDINATE WITH THE SPONSOR AND/OR THE ENGINEER FOR PLACEMENT LOCATIONS. THE MILLINGS WILL BE PLACED AND ROLLED IN ON-SITE LOCATIONS DESIGNATED BY THE SPONSOR AND/OR THE ENGINEER IN ACCORDANCE WITH ITEM P-101. THE PLACEMENT OF MILLINGS SHALL BE CONSIDERED INCIDENTAL TO ITEMS P-101. ALL MILLINGS PLACED WILL RECEIVE A TACK COAT APPLICATION IN ACCORDANCE WITH P-603.
13. DESIGNS CONTAINED HEREIN ARE BASED ON SPECIFIED EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REDESIGN FOR EQUIPMENT SUBSTITUTIONS TO THE APPROVED SPECIFICATIONS AT NO ADDITIONAL COST TO THE SPONSOR. THE CONTRACTOR SHALL PROVIDE MATERIAL SUBMITTALS, SAMPLES AND DESIGN DRAWINGS FOR THE ENGINEER'S APPROVAL A MINIMUM OF SEVEN (7) DAYS PRIOR TO ORDERING.

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL MINIMIZE DISTURBANCES TO ALL CONSTRUCTION AREAS AND ACCESS ROUTES. THIS INCLUDES EQUIPMENT AND VEHICULAR RUTS CREATED IN ANY PAVEMENTS, ANY HAUL/ACCESS ROADS, OR ANY INFIELD/SAFETY AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR ROADS. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE SPONSOR AND TO THE SATISFACTION OF THE ENGINEER. HAUL ROUTE BRIDGES SHALL BE CONSTRUCTED AT HAUL ROUTES CROSSING EXISTING AIRFIELD PAVEMENT. COSTS ASSOCIATED WITH HAUL BRIDGE CONSTRUCTION WILL BE CONSIDERED INCIDENTAL TO MOBILIZATION.
2. BEFORE ESTABLISHING SITE ACCESS AND HAUL ROUTES, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER. WHEN POSSIBLE, ACCESS/HAUL ROUTES SHALL UTILIZE EXISTING ROADS. THE CONTRACTOR SHALL MAINTAIN AIRPORT SECURITY AT ALL TIMES.

1. ALL MATERIALS MUST BE OBTAINED FROM AN UNDESIGNATED SOURCE UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR SPECIFICATIONS.
2. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE AIRPORT PROPERTY AT NO COST TO THE SPONSOR UNLESS OTHERWISE DIRECTED BY THE SPONSOR.

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SAFETY

1.

DURING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2 (CURRENT VERSION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
2.

THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) CONTAINED IN THE CONTRACT DOCUMENTS, AND PREPARE FOR APPROVAL BY THE ENGINEER, A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) PRIOR TO NOTICE TO PROCEED, AS REQUIRED PER ADVISORY CIRCULAR (AC) 150/5370-2 (CURRENT VERSION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
3.

ALL VEHICLES AND EQUIPMENT WORKING REGULARLY ON THE PROJECT SITE SHALL BE REQUIRED TO BE EQUIPPED WITH STANDARD FAA MARKINGS PER FAA ADVISORY CIRCULAR 150/5210-5 (CURRENT VERSION) OR BE ESCORTED BY A PROPERLY MARKED VEHICLE. AN ORANGE AND WHITE 3 FOOT BY 3 FOOT FAA STANDARD VEHICLE FLAG MAY BE USED DURING DAYTIME OPERATIONS OR A FLASHING BEACON MAY BE USED AT ANY TIME. FAILURE TO PROVIDE SUCH MARKINGS OR ESCORT FOR ANY EQUIPMENT INSIDE THE AIRPORT PERIMETER FENCE WILL PRECLUDE THAT EQUIPMENT FROM OPERATING ON THE PROJECT. DELAYS CAUSED DUE TO LACK OF CONFORMANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. BACKUP ALARMS SHALL BE ADJUSTED FOR SURROUNDING NOISE LEVELS. TRITON HARK-ALARM OR APPROVED EQUAL.
4.

ALL VEHICLES AND EQUIPMENT WORKING ON THE SITE SHALL BE EQUIPPED WITH STANDARD FAA MARKINGS PER FAA ADVISORY CIRCULAR 150/5210-5 (CURRENT VERSION) OR BE ESCORTED BY A PROPERLY MARKED VEHICLE. ANY VEHICLE OR EQUIPMENT OPERATING WITHIN THE AIRPORT'S PERIMETER FENCE NOT PROPERLY MARKED OR ESCORTED MAY NOT OPERATE ON THE SITE AND MUST BE REMOVED IMMEDIATELY. ANY DELAY OR COST TO CONTRACTOR OPERATIONS FROM UNMARKED OR UNESCORTED VEHICLES OR EQUIPMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. STANDARD FAA VEHICLE FLAGS (3 FOOT BY 3 FOOT ORANGE AND WHITE) MAY BE USED DURING DAYTIME HOURS. FLASHING BEACONS MAY BE USED AT ANY TIME. BACKUP ALARMS ARE REQUIRED AND SHALL BE PROXIMITY BASED AND ADJUSTED FROM SURROUNDING NOISE LEVELS. SEE THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) FOR MORE DETAILS.
5.

CONTRACTOR SHALL MAINTAIN AIRPORT PERIMETER SECURITY FOR THE DURATION OF THE PROJECT. ANY REVISIONS TO FENCE ALIGNMENT SHALL BE COORDINATED WITH ENGINEER FOR APPROVAL AT LEAST ONE WEEK PRIOR TO CONSTRUCTION. ALL COSTS SHALL BE INCIDENTAL TO PROJECT BID ITEMS.
6.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
7.

CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS THROUGH PROJECT SITE AT ALL TIMES. ALL ROADWAYS (TEMPORARY OR PERMANENT) SHALL BE MAINTAINED BY CONTRACTOR.

EROSION CONTROL

1.

THE CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THE MISSOURI LAND DISTURBANCE STORMWATER GENERAL OPERATING PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), THE EROSION CONTROL PLAN, AND ALL REQUIREMENTS OF THE LOCAL DRAINAGE AUTHORITY.
2.

ALL STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AT THE LIMITS OF CONSTRUCTION, PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREA IS STABILIZED WITH HARD SURFACE OR LANDSCAPING.
3.

CONTRACTOR SHALL MAINTAIN POSITIVE DUST CONTROL DURING THE ENTIRE PROJECT DURATION. THE METHOD OF DUST CONTROL EMPLOYED DURING ALL PHASES SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER. DUST CONTROL SHALL BE EMPLOYED DURING ANY PROJECT SHUTDOWN PERIODS, WINTER OR OTHERWISE. PAYMENT FOR THIS WORK SHALL BE INCIDENTAL TO THE VARIOUS ITEMS OF WORK, AND NO SEPARATE PAYMENT WILL BE MADE.
4.

ANY EROSION CONTROL FACILITY DAMAGED OR DESTROYED PREMATURELY, BY ANY MEANS, SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.
5.

A WATER TRUCK SHALL BE KEPT ON SITE AT ALL TIMES DURING

EARTHWORK ACTIVITIES FOR DUST ABATEMENT.

6.

THE STORMWATER BMPS SHOWN IN THE ISSUED FOR CONSTRUCTION EROSION CONTROL SHEETS ARE TO BE USED AS A GUIDE FOR THE CONTRACTOR WHEN DEVELOPING HIS/HER STORMWATER MANAGEMENT PLAN. FIELD CONDITIONS MAY WARRANT MORE, LESS OR DIFFERENT BMP INSTALLATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A STORMWATER AND EROSION CONTROL PLAN THAT MEETS ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS ASSOCIATED WITH THE STORMWATER PERMIT.
7.

SILT AND SEDIMENT SHALL BE REMOVED AFTER EACH SUBSTANTIAL RAINFALL.
8.

NEGATIVE IMPACTS TO DOWNSTREAM AREAS CAUSED BY GRADING ARE TO BE MONITORED AND CORRECTED BY THE CONTRACTOR. ANY OFF-SITE CLEAN-UP, DIRECTED BY THE PUBLIC WORKS INSPECTOR, (INCLUDING STREET CLEANING), SHALL BE COMPLETED WITHIN 24-HOURS OF WRITTEN INSTRUCTION, OR RISK CONSTRUCTION STOPPAGE.
9.

TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL SUCH TIME AS ALL TRIBUTARY-DISTURBED AREAS ARE SUFFICIENTLY STABILIZED IN THE OPINION OF THE PUBLIC WORKS INSPECTOR OR RESIDENT ENGINEER, TO MINIMIZE EROSION POTENTIAL.
10.

WHEN TEMPORARY EROSION CONTROL MEASURES ARE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REMOVAL OF ALL SEDIMENT AND DEBRIS FROM ALL DRAINAGE AND OTHER PUBLIC FACILITIES.
11.

ALL AREAS FOR SEEDING SHALL BE TILLED TO BREAK UP ROOTING RESTRICTIVE LAYERS, HAVE A MINIMUM OF 4" OF TOPSOIL REAPPLIED, AND THEN BE HARROWED, AND ROLLED OR PACKED, TO PREPARE THE REQUIRED FIRM SEED BED.

QUANTITIES

1.

ALL STATED QUANTITIES ARE CONSIDERED APPROXIMATE. ACTUAL QUANTITIES WILL BE DETERMINED BY THE ENGINEER FROM WORK IN-PLACE.
2.

ACTUAL RATES OF APPLICATION WILL BE DETERMINED BY THE ENGINEER.
3.

THE PROJECT PAY ITEMS PROVIDED ARE TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THE CONTRACT DOCUMENTS. ALL WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM IS TO BE CONSIDERED REQUIRED WORK TO COMPLETE THE PROJECT, AND IS TO BE INCIDENTAL TO THE COST OF PROJECT PAY ITEMS PROVIDED.
4.

ALL PAVEMENT REMOVAL SHALL BE MEASURED AND PAID TO NEAT LINE DIMENSIONS.
5.

IF THE CONTRACTOR CHOOSES TO OVERBUILD PAVEMENT LAYERS BEYOND THE DIMENSIONS SHOWN ON THE PLANS FOR CONSTRUCTABILITY, NO PAYMENT WILL BE MADE FOR THIS ADDITIONAL MATERIAL.
6.

PIPE LENGTHS SHOWN ON PLANS ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
7.

THE FOLLOWING RATES WERE USED TO CALCULATE ESTIMATED QUANTITIES:

7.1.

BITUMINOUS PAVEMENT COURSE AT THE RATE OF 155 LBS PER CUBIC FOOT.

7.2.

CEMENT TREATED SUBGRADE AND FOR FULL DEPTH RECLAMATION WERE ESTIMATED AT 6% APPLICATION RATE AT 140 LBS PER CUBIC FOOT.

7.3.

ASPHALT ROTOMILLING IS BASED ON SQUARE YARD REGARDLESS OF ASPHALT DEPTH.

7.4.

BITUMINOUS TACK COAT AT THE RATE OF 0.10 GAL. PER SQUARE YARD PER LIFT.

SURVEY

1.

TWO WEEKS PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A PRE-CONSTRUCTION SURVEY VERIFYING EXISTING ELEVATIONS OF ALL PAVEMENT AREAS AND OTHER CRITICAL AREAS DETERMINED BY THE ENGINEER. THE SURVEY SHALL BE PERFORMED USING SPECIFIED PROJECT CONTROL AND SHALL PROVIDE SUFFICIENT SHOTS TO ACCURATELY REPRESENT THE EXISTING SURFACE. SURVEY SHALL BE PROVIDED TO THE ENGINEER IN ELECTRONIC

FORMAT THAT IS ACCEPTABLE TO THE ENGINEER. THIS SURVEY WILL BE USED TO DETERMINE IF ANY MODIFICATIONS TO DESIGN GRADES ARE REQUIRED. THIS SURVEY WILL BE INCIDENTAL TO C-105. PRE-CONSTRUCTION SURVEY SHALL BE PERFORMED BY A STATE LICENSED LAND SURVEYOR. SEE SECTION 50 OF THE CONTRACT DOCUMENTS AND THE "CONSTRUCTION STAKING AND LAYOUT" NOTES CONTAINED IN THESE GENERAL NOTES SHEETS FOR ADDITIONAL SURVEY INFORMATION.

2.

BEFORE AND DURING THE PROJECT, ANY DISCREPANCIES IN EXISTING CONDITIONS DISCOVERED BY THE CONTRACTOR SHALL BE IMMEDIATELY IDENTIFIED TO THE ENGINEER.
3.

ALL SURVEY PROVIDED TO THE ENGINEER FOR PRE-CONSTRUCTION SURVEYS AND VERIFICATION SURVEYS SHALL BE PROVIDED ELECTRONICALLY AND SHALL INCLUDE POINT NUMBERS, NORTHING, EASTINGS, ELEVATIONS, AND DESCRIPTIONS (PNEZD, COMMA DELINEATED FORMAT).
4.

DAILY FIELD SURVEY NOTES SHALL BE GIVEN TO THE ENGINEER SO THAT PERIODIC CHECKS FOR CONFORMANCE WITH PLAN GRADES, ALIGNMENTS, AND GRADE TOLERANCES CAN BE REVIEWED.
5.

ALL REQUIRED SURVEY WILL BE INCIDENTAL TO OTHER BID ITEMS.
6.

THE HORIZONTAL AND VERTICAL COORDINATES ARE BASED ON THE HORIZONTAL DATUM NAD 83 AND VERTICAL DATUM NAV 88.

CONSTRUCTION STAKING AND LAYOUT

1.

DRAINAGE SWALES SLOPE STAKES AND FLOW LINE BLUE TOPS AT 50-FOOT (15-M) STATIONS.
2.

SUBGRADE BLUE TOPS AT 50-FOOT STATIONS WITH A 50-FOOT OFFSET DISTANCE (MAXIMUM) AND AT THE EDGE OF PAVEMENT.
3.

SUBBASE AND BASE COURSE BLUE TOPS AT 50-FOOT STATIONS WITH A 50-FOOT OFFSET DISTANCE (MAXIMUM) AND AT THE EDGE OF PAVEMENT.
4.

PAVEMENT AREAS:

4.1.

EDGE OF PAVEMENT HUBS AND TACKS (FOR STRINGLINE BY CONTRACTOR) AT 100-FOOT STATIONS

4.2.

BETWEEN LIFTS AT 25-FOOT STATIONS FOR RUNWAYS (EACH PAVING LANE WIDTH), TAXIWAYS (EACH PAVING LANE WIDTH), AND HOLDING AREAS (EACH PAVING LANE WIDTH)

4.3.

AFTER FINISH PAVING OPERATIONS AT 50-FOOT STATIONS (FOR GRADE ACCEPTANCE VERIFICATION) AT ALL PAVED AREAS AT THE EDGE OF EACH PAVING LANE AND ALL GRADE BREAKS PRIOR TO NEXT PAVING LOT

4.4.

SHOULDER AND SAFETY AREA BLUE TOPS AT 50-FOOT STATIONS AND AT ALL BREAK POINTS WITH MAXIMUM OF 50-FOOT OFFSETS
5.

REQUIRED VERIFICATION/AS-BUILT SURVEY SHALL BE PROVIDED ELECTRONICALLY IN AN ENGINEER APPROVED FORMAT AND SHALL INCLUDE POINT NUMBER, NORTHING, EASTING, ELEVATION, AND DESCRIPTION (PNEZD, COMMA DELIMITED FORMAT).
6.

THE CONTRACTOR SHALL PROVIDE VERIFICATION SURVEY TO THE ENGINEER FOR ALL LOCATIONS WHERE PROPOSED CONSTRUCTION WILL TIE INTO ANY EXISTING STRUCTURES AND PAVEMENTS. THIS SURVEY SHALL BE USED FOR VERIFICATION OF EXISTING CONDITIONS AND SHALL BE SUBMITTED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES IN THE AREAS OF THE EXISTING INFRASTRUCTURE. THIS SURVEY SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR. WORK IN THESE AREAS SHALL NOT BE ALLOWED TO COMMENCE UNTIL THIS SURVEY VERIFICATION HAS BEEN SUPPLIED BY THE CONTRACTOR TO THE ENGINEER AND THE ENGINEER HAS PROVIDED ACCEPTANCE, BASED ON A TIMELY REVIEW OF THE VERIFICATION SURVEY.
7.

IN ADDITION TO ALL REQUIRED UTILITY LOCATES, THE CONTRACTOR SHALL BE REQUIRED TO VERIFY THE ELEVATIONS OF ALL UTILITY CROSSINGS BEFORE COMMENCING CONSTRUCTION OPERATIONS. FOR EXAMPLE, BEFORE THE CONTRACTOR BEGINS WORK ON A PROPOSED STORM DRAIN, THE ELEVATION, BOTH TOP AND BOTTOM, OF ALL UTILITIES THAT CROSS THE PROPOSED PIPE SHALL BE VERIFIED AND PROVIDED TO THE ENGINEER. THIS VERIFICATION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR. WORK IN THESE AREAS SHALL NOT BE ALLOWED TO COMMENCE UNTIL THESE UTILITY VERIFICATIONS HAVE BEEN SUPPLIED BY THE CONTRACTOR TO THE ENGINEER AND THE ENGINEER HAS

PROVIDED ACCEPTANCE, BASED ON A TIMELY REVIEW OF THE VERIFICATION SURVEY.

8.

AREAS WHERE EXCAVATIONS OR EMBANKMENTS ARE TO BE CONSTRUCTED, THE CONTRACTOR SHALL PROVIDE VERIFICATION SURVEY OF THE INITIAL AND FINAL CONDITIONS FOR USE IN THE DETERMINATION OF FINAL EARTHWORK QUANTITIES FOR PAYMENT. THE CONTRACTOR SHALL FURNISH THE INITIAL SURVEY BEFORE CONSTRUCTION OPERATIONS COMMENCE AND THE FINAL SURVEY AFTER CONSTRUCTION OPERATIONS HAVE CONCLUDED TO THE ENGINEER FOR QUANTITY DETERMINATION. IN PAVEMENT AREAS, THE FINAL SURFACE SHALL BE THE TOP OF APPROVED SUBGRADE. SURVEYS SHALL PROVIDE SUFFICIENT SHOTS TO ACCURATELY REPRESENT BOTH INITIAL AND FINAL SURFACES. IF ENGINEER DETERMINES THAT THE SUBMITTED SURVEY IS DEFICIENT IN ACCURATELY DETAILING SURVEYED SURFACES, THE CONTRACTOR SHALL PERFORM ADDITIONAL SURVEY TO THE SATISFACTION OF THE ENGINEER. ALL SURVEY SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR. SHOULD THE CONTRACTOR FAIL TO PROVIDE THESE INITIAL AND FINAL SURVEYS TO THE ENGINEER, THE EXISTING AND PROPOSED DESIGN SURFACES THAT ARE SHOWN IN THE PLANS SHALL BE USED FOR QUANTITY DETERMINATION.
9.

ADDITIONAL STAKES OR MARKINGS SHALL BE REQUIRED AT AN INTERVAL TO CLEARLY DEFINE GRADES FOR SUB-GRADE AND ALL MATERIAL LIFTS REQUIRED FOR THE PAVEMENT STRUCTURE INCLUDING ALL SUBBASES, BASES, AND PAVEMENTS. ADDITIONAL STAKING AND CONTROLS SHALL BE PLACED AS NEEDED FOR CONSTRUCTION TO MEET THE DESIGN AS REQUIRED BY THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. IN ADDITION TO LOCATIONS STATED ABOVE, STAKING FOR LAYOUT AND SURVEY FOR GRADE VERIFICATIONS SHALL BE PROVIDED AT LOCATIONS OF ALL SPOT ELEVATIONS WHEN PROVIDED FOR IN THE PLANS.
10.

ON ALL PAVEMENT LIFTS AND MILLED SURFACES, CONTRACTOR SHALL SPRAY PAINT ON THE PAVEMENT SURFACES FILL DEPTHS TO FINAL SURFACE GRADES SO THE ENGINEER CAN VISUALLY VERIFY PAVEMENT GRADES AND THICKNESSES. FILL LOCATIONS SHALL MATCH ALL SPOT ELEVATIONS AND STAKING AND LAYOUT LOCATIONS DISCUSSED IN THIS SECTION.
11.

THE ESTABLISHMENT OF SURVEY CONTROL AND/OR REESTABLISHMENT OF SURVEY CONTROL SHALL BE BY A STATE LICENSED LAND SURVEYOR.
12.

CONTROLS AND STAKES DISTURBED OR SUSPECT OF HAVING BEEN DISTURBED SHALL BE CHECKED AND/OR RESET AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.

ISSUED FOR BID

THESE DRAWINGS ARE FOR PURPOSES ONLY. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION

GENERAL NOTES

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274
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SHEET NAME

G003B

SHEET NO.

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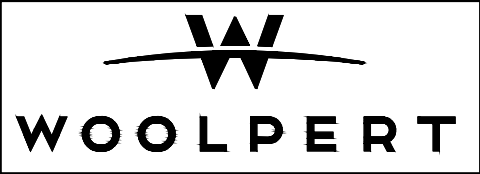


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38VCD24-060A-1 - Ignon Incorporated/CAD/PLANS/000-84VC-23-060A-1-0005-QTYs.dwg

SUMMARY OF APPROXIMATE QUANTITIES														
ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I		SCHEDULE II		SCHEDULE III		SCHEDULE IV		SCHEDULE V		SCHEDULE ALT	
			ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT
C-100a	Contractor Quality Control Program (CQCP)	LS	1		1		1		1		0		1	
C-102a	Erosion Control	LS	1		1		1		0		0		1	
C-105a	Mobilization	LS	1		1		1		1		1		1	
P-101a	Asphalt Pavement Removal, Full Depth	SY	27,370		1,630		11,680		0		0		27,370	
P-101b	Asphalt Pavement Removal, Partial Depth	SY	0		0		50		0		0		0	
P-101c	Concrete Pavement & Building Foundation Removal, Full Depth	SY	0		0		370		0		0		0	
P-101d	Remove Existing 24-Inch Reinforced Concrete Pipe and Flared End Sections	LF	0		0		132		0		0		0	
P-101e	Remove Existing 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	1		0		0		0		0		1	
P-101f	Remove Existing Barbed Wire Fence, Complete	LF	210		0		0		0		0		210	
P-101g	Remove Aircraft Tie-Down Anchors, Complete	EA	0		0		27		0		0		0	
P-151a	Tree Removal	AC	2		0		0		0		0		2	
P-152a	Unclassified Excavation	CY	9,200		16,400		5,500		0		0		9,200	
P-154a	Subbase Course	CY	4,540		1,460		2,420		0		0		0	
P-154b	Separation Geotextile	SY	27,200		8,740		14,470		0		0		0	
P-156a	Cement Treated Subgrade	SY	27,200		8,740		14,470		0		0		0	
P-156b	Cement	TON	1,060		350		570		0		0		0	
P-207a	Asphalt Pavement Full Depth Reclamation (FDR), Trimming, & Grading	SY	0		0		0		0		0		27,210	
P-207b	Cement	TON	0		0		0		0		0		710	
P-207c	Emulsified Asphalt	TON	0		0		0		0		0		330	
P-208a	Aggregate Base Course	CY	4,670		1,500		2,490		0		0		0	
P-401a	Asphalt Paving Course	TON	6,820		1,960		3,590		0		0		6,820	
P-603a	Emulsified Asphalt Tack Coat	GAL	4,200		1,210		2,220		0		0		4,200	
P-620a	Temporary Pavement Marking	SF	19,560		3,970		1,170		0		0		19,560	
P-620b	Permanent Pavement Marking, White	SF	19,130		3,630		0		0		0		19,130	
P-620c	Permanent Pavement Marking, Yellow	SF	440		340		1,170		0		0		440	
P-620d	Permanent Pavement Marking, Black	SF	0		700		0		0		0		0	
P-640a	Install Aircraft Tie-Down Anchor	EA	0		0		27		0		0		0	
F-160a	Install Class B Fence (3-Strand Barb Wire, Wood Posts with Metal Line Posts)	LF	220		0		0		0		0		220	
D-701a	Install 12-Inch Reinforced Concrete Pipe, Class V	LF	80		0		0		0		0		80	
D-701b	Install 24-Inch Reinforced Concrete Pipe, Class V	LF	0		0		129		0		0		0	
D-701c	Install 36-Inch Reinforced Concrete Pipe, Class V	LF	33		0		0		0		0		33	
D-701d	Install 12-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	2		0		0		0		0		2	
D-701e	Install 24-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	0		0		2		0		0		0	
D-701f	Install 36-Inch Reinforced Concrete Pipe, Flared End Section (FES)	EA	1		0		0		0		0		1	
D-705a	Install 6-Inch Perforated Polyethylene Pipe	LF	0		8,610		1,520		0		0		0	
D-705b	Install 6-Inch Non-Perforated Polyethylene Pipe	LF	0		970		270		0		0		0	
D-751a	Install 6-Inch Underdrain Cleanout	EA	0		27		13		0		0		0	
D-751b	Install Inspection Pit	EA	0		18		9		0		0		0	
D-751c	Install Aircraft Rated Inlet	EA	0		2		0		0		0		0	
D-754a	Construct 4-Foot Concrete Drain Pan, Complete	LF	290		0		0		0		0		290	
T-901a	Seeding with Hydromulch	AC	17		0		2		0		0		17	
T-901b	Seeding Under Erosion Control Blanket	AC	4		0		0		0		0		4	
T-901c	Erosion Control Blanket	SY	17,870		0		0		0		0		17,870	
L-108a	Install #8 AWG, L-824C, 5000V, Wire	LF	0		0		0		24,500		0		0	
L-108b	Install #6 AWG, Bare Copper Counterpoise Including Ground Rods and Terminations	LF	0		0		0		11,500		0		0	
L-110a	Install 1'-2" SCH. 40 PVC Conduit (DEB)	LF	0		0		0		10,750		0		0	

NOTE: ENTIRE SHEET HAS BEEN REVISED 

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



WASHINGTON  
COUNTY  
AIRPORT

DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

SUMMARY OF  
APPROXIMATE QUANTITIES

MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO.  
1015274

SHEET NAME

G005A

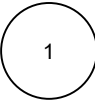
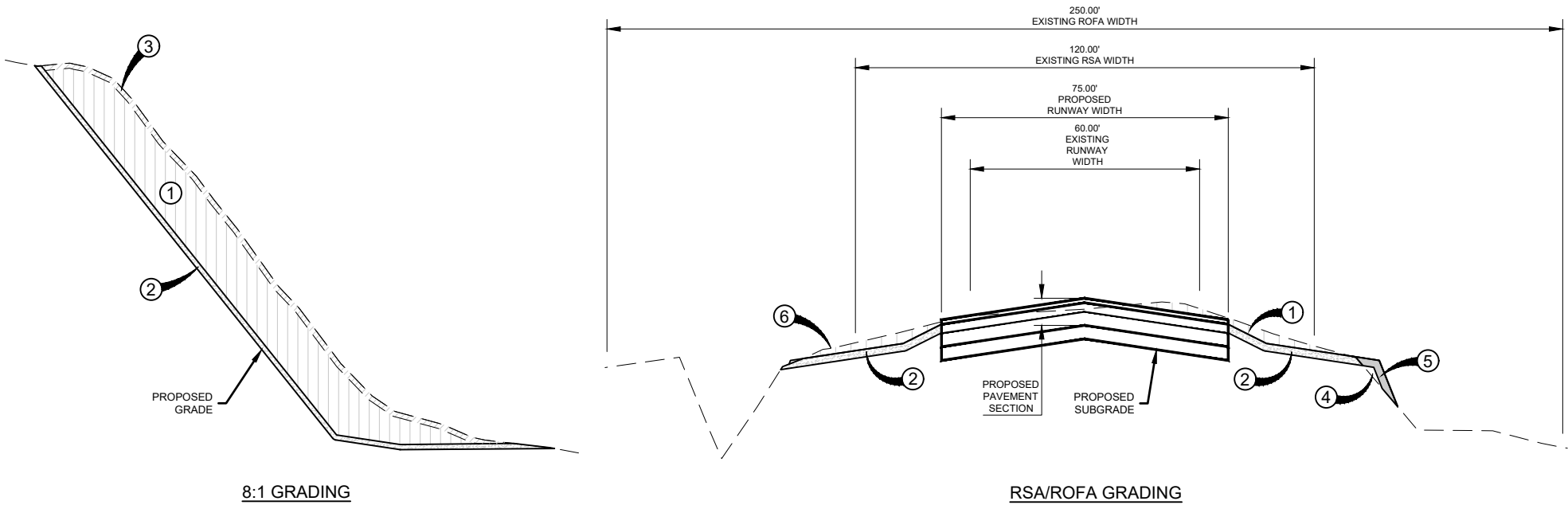
SHEET NO.

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SUMMARY OF APPROXIMATE QUANTITIES														
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			ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT
L-110b	Install 1-2" SCH. 40 PVC Conduit (CE)	LF	0		0		0		250		0		0	
L-110c	Install 2-3" Spare SCH. 40 PVC Conduit (CE)	LF	0		0		0		300		0		0	
L-115a	Remove L-867 Junction Box, Complete	EA	0		0		0		2		0		0	
L-115b	Install L-867 Junction Box, Complete	EA	0		0		0		2		0		0	
L-125a	Remove Runway Edge Light and Base, Complete	EA	0		42		0		0		0		0	
L-125b	Remove Runway Threshold Light and Base, Complete	EA	0		16		0		0		0		0	
L-125c	Remove Taxiway Edge Light and Base, Complete	EA	0		4		21		0		0		0	
L-125d	Install new LED L-861 Runway Edge Light on New Base, Complete	EA	0		0		0		42		0		0	
L-125e	Install New LED L-861E Runway Threshold Light on New Base, Complete	EA	0		0		0		16		0		0	
L-125f	Install New LED L-861T Taxiway Edge Light on New Base, Complete	EA	0		0		0		28		0		0	
L-125g	Install New L-858 Lighted Guidance Sign on New concrete Pad in Soil, Size 1, 1 Module, Complete	EA	0		0		0		0		3		0	
L-125h	Install New L-858 Lighted Guidance Sign on New Concrete Pad in Soil, Size 1, 3 Module, Complete	EA	0		0		0		0		2		0	
L-125i	Install L-881 LED PAPI System, Style A, on New Foundation, Complete	EA	0		0		0		2		0		0	
L-125j	Install PAPI Power Frame on New Foundation, Complete	EA	0		0		0		2		0		0	
L-125k	Install L-849 LED REIL System on New Foundation, Complete	EA	0		0		0		2		0		0	
L-125l	Install New L-853 Stake Mounted Retroreflective Marker	EA	0		0		0		6		0		0	
L-125m	Connect Airfield Circuits to Spare Constant Current Regulator	LS	0		0		0		1		0		0	
L-125n	Spare Parts for Airport Visual Aids (Unit Cost Fixed at \$10,000)	LS	0		0		0		1		0		0	

EARTHWORK SUMMARY		
AREA DESCRIPTION	CUT (CY)	FILL (CY)
SCHEDULE I		
RUNWAY 2/20 RECONSTRUCTION	8,750	50
SCHEDULE I SUBTOTAL	8,750	50
SCHEDULE II		
RUNWAY 2/20 WIDENING	1,930	55
TAXIWAY RELOCATION	450	0
RSA/ROFA GRADING	675	10,925
8:1 GRADING	3,175	770
4" TOPSOIL	9,335	0
SCHEDULE II SUBTOTAL	15,565	11,695
SCHEDULE III		
APRON RECONSTRUCTION	4,425	155
TAXIWAY RELOCATION	395	0
RSA/ROFA GRADING	0	450
4" TOPSOIL	350	0
SCHEDULE III SUBTOTAL	5,170	605
PROJECT TOTAL	29,485	12,350



EARTHWORK CALCULATIONS DETAIL (EXCAVATION)

NOT TO SCALE

TOTAL EXCAVATION (PAY)

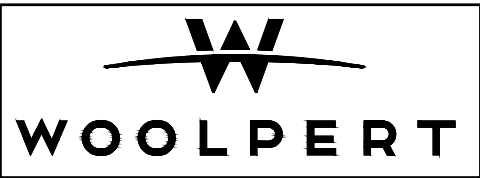
- 1 UNCLASSIFIED EXCAVATION VOLUME
- 2 TOPSOIL VOLUME AT EXCAVATION (PLACED)
- 3 TOPSOIL VOLUME AT EXCAVATION (STRIPPED)

TOTAL EMBANKMENT (NO PAY)

- 4 EMBANKMENT VOLUME (FROM ONSITE OR BORROW SOURCE)
- 5 TOPSOIL VOLUME AT EMBANKMENT (PLACED)
- 6 TOPSOIL VOLUME AT EMBANKMENT (STRIPPED)

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SUMMARY OF  
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MoDOT PROJ. NO.  
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WOOLPERT PROJ. NO.  
1015274

SHEET NAME

G005B

SHEET NO.

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RADIO COMMUNICATION FREQUENCY 123.0 MHz

WHEN ON OR NEAR THE AIRFIELD, ALL RADIO COMMUNICATIONS WILL USE THE FREQUENCY LISTED ABOVE .

1. COORDINATION

ALL COORDINATION WILL TAKE PLACE THROUGH THE RESIDENT ENGINEER AND WASHINGTON COUNTY AIRPORT (8WC) AIRPORT MANAGER. NO CLOSURES WITHIN THE MOVEMENT AREAS WILL BE PERMITTED WITHOUT A NOTAM IN PLACE FOR EACH SPECIFIC CLOSURE. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL GIVE 72 HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER AND 8WC AIRPORT MANAGER FOR FILING OF ALL NOTAMS.

A WEEKLY CONSTRUCTION PROGRESS MEETING WILL BE REQUIRED TO DISCUSS ALL OPERATIONAL SAFETY TOPICS THAT HAVE BEEN AFFECTED OR WILL BE AFFECTED IN THE NEAR FUTURE. IN ATTENDANCE WILL BE THE CONTRACTOR, RESIDENT ENGINEER, AND 8WC PERSONNEL.

ANY CHANGES TO SCOPE OR SCHEDULE MUST BE NOTIFIED TO THE RESIDENT ENGINEER AND 8WC AIRPORT MANAGER. ALL PARTIES WILL EVALUATE THE IMPACT OF THE CHANGE AND WILL DETERMINE THE MEASURES NEEDED TO MAINTAIN A SAFE CONSTRUCTION SITE.

THE FAA AIR TRAFFIC OPERATORS WILL BE NOTIFIED IMMEDIATELY IF ANY CHANGES AFFECT AIRCRAFT MOVEMENT. ALL COMMUNICATIONS WITH THE FAA TOWER WILL BY HANDLED BY 8WC AIRPORT MANAGER.

AIRCRAFT USE OF AREAS NEAR THE CONTRACTOR'S WORK SHOULD BE CONTROLLED TO MINIMIZE DISTURBANCE TO THE CONTRACTOR'S OPERATION.

CONSTRUCTION THAT IS WITHIN THE SAFETY AREA OF AN ACTIVE RUNWAY, TAXIWAY, OR APRON MUST BE PERFORMED WHEN THE RUNWAY, TAXIWAY, OR APRON IS CLOSED OR USE-RESTRICTED AND INITIATED ONLY WITH PRIOR PERMISSION FROM THE AIRPORT OPERATOR AND WITH PROPER NOTAMS IN PLACE.

THE CONTRACTING OFFICER, AIRPORT OPERATOR, OR OTHER DESIGNATED AIRPORT REPRESENTATIVE MAY ORDER THE CONTRACTOR TO SUSPEND OPERATIONS; MOVE PERSONNEL, EQUIPMENT, AND MATERIALS TO A SAFE LOCATION; BARRICADE ANY OPEN TRENCHES AND STAND BY UNTIL AIRCRAFT USE IS COMPLETED.

2. PHASING

THIS PROJECT CONSISTS OF FIVE PHASES. SEE CONSTRUCTION SAFETY DRAWINGS FOR PHASING REQUIREMENTS.

CONTRACTOR TO NOTIFY RESIDENT ENGINEER AND 8WC AIRPORT MANAGER IF A CHANGE IN SCHEDULE IS NEEDED.

3. AREAS AND OPERATIONS AFFECTED BY CONSTRUCTION ACTIVITY

ALL WORK WITHIN AIRPORT OPERATIONS AREA (AOA) SHALL CONFORM TO ADVISORY CIRCULAR 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.

CONTRACTOR SHALL ADHERE TO REQUIREMENTS AS MENTIONED ON THIS SHEET, THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP), AND CONSTRUCTION SAFETY DRAWINGS. THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, LIFE & SAFETY ACCESS ROUTES, AIRCRAFT ROUTES, PEDESTRIAN ROUTES, CONSTRUCTION ACCESS ROUTES, CONSTRUCTION LIMITS, AND BARRICADE LOCATIONS.

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

NAVIGATIONAL AIDS INCLUDE INSTRUMENT LANDING SYSTEM COMPONENTS AND VERY HIGH-FREQUENCY OMNIDIRECTIONAL RANGE, AIRPORT SURVEILLANCE RADAR. SUCH RESTRICTED AREAS ARE DEPICTED ON CONSTRUCTION PLANS.

5. CONTRACTOR ACCESS

CONTRACTOR MOVEMENT SHALL BE RESTRICTED TO THE PRE-DETERMINED ACCESS ROUTES AS SHOWN ON CONSTRUCTION SAFETY DRAWINGS.

ALL VEHICLES AND EQUIPMENT OPERATING IN THE AOA MUST BE IDENTIFIED CLEARLY WITH 8-INCH (MINIMUM) BLOCK-TYPE CHARACTERS OF A CONTRASTING COLOR AND EASY TO READ. IN ADDITION, VEHICLES MUST DISPLAY IDENTIFICATION MEDIA, AS SPECIFIED IN THE APPROVED AIRPORT SECURITY PLAN.

ALL VEHICLES AND EQUIPMENT OPERATING IN THE AOA MUST HAVE FLAG (DAY ONLY) OR BEACON (DAY AND NIGHT) ATTACHED TO THE VEHICLE.

5. CONTRACTOR ACCESS (CONT.)

CONTRACTOR IS REQUIRED TO ADHERE TO ALL RULES AND REGULATIONS AS SET BY 8WC AND ADVISORY CIRCULAR 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.

CONTRACTOR IS REQUIRED TO NOTIFY AND COORDINATE WITH THE RESIDENT ENGINEER AND AIRPORT MANAGER PRIOR TO ENTERING ANY ACTIVE SURFACE SAFETY AREAS OR OBJECT FREE AREAS.

CONTRACTOR, SUBCONTRACTOR, AND SUPPLIER EMPLOYEES OR ANY UNAUTHORIZED PERSONS ARE RESTRICTED FROM ENTERING AN AIRPORT AREA THAT WOULD BE HAZARDOUS.

6. WILDLIFE MANAGEMENT

CONTRACTOR SHALL ADHERE TO ALL WILDLIFE MANAGEMENT PRACTICES AS STATED IN ADVISORY CIRCULAR 150/5200-33C, HAZARDOUS WILDLIFE ATTRACTIONS ON OR NEAR AIRPORTS, AND CERTALERT 98-08, GRASSES ATTRACTIVE TO HAZARDOUS WILDLIFE.

CONTRACTOR IS RESPONSIBLE FOR COMPLETING A DAILY INSPECTION FOR TRASH, FOREIGN OBJECTS, AND STANDING WATER ON THE CONSTRUCTION SITE THAT MIGHT ATTRACT WILDLIFE.

CONTRACTOR SHALL MAINTAIN ALL FENCES AND GATES THROUGHOUT THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER.

CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER WHEN A WILDLIFE SIGHTING HAS OCCURRED ON THE PROJECT SITE.

7. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT

CONTRACTOR SHALL KEEP ALL PAVEMENTS IN THE AOA INCLUDING APRONS, TAXIWAYS, AND RUNWAYS FREE FROM FOD AT ALL TIMES TO PREVENT ANY DEBRIS FROM BEING INGESTED INTO AN AIRCRAFT'S ENGINE OR ANY DEBRIS FROM BEING LAUNCHED DUE TO JET BLAST.

CONTRACTOR IS REQUIRED TO CONTINUOUSLY MONITOR AND MAINTAIN FOD TO THE SATISFACTION OF THE RESIDENT ENGINEER.

PRIOR TO OPENING ANY PAVEMENT TO AIRCRAFT, THE CONTRACTOR, RESIDENT ENGINEER, AND AIRPORT OPERATIONS SHALL CONDUCT A SWEEP OF THE PAVEMENT TO VERIFY THAT THE PAVEMENT IS FREE FROM FOD.

THE CONTRACTOR IS ADVISED THAT DUST CONTROL, CLEANUP OF ACTIVE PAVEMENTS, TRACKING DEBRIS ONTO ACTIVE PAVEMENT AND GENERAL JOBSITE CLEANLINESS IS A SERIOUS SAFETY CONCERN. FOREIGN OBJECT DEBRIS (FOD) IS CONSIDERED AS ANY ITEM THAT COULD POSSIBLY IMPACT THE OPERATIONS OF AN AIRPORT OR ROADWAY. FOD COULD CAUSE INJURY OR DEATH THROUGH INGESTION IN MOVING AIRCRAFT ENGINES. SPECIFIC ITEMS OF CONCERN INCLUDE, BUT ARE NOT LIMITED TO; ANY PACKAGING FROM MATERIAL INSTALLATION, GRAVEL LEFT ON ACTIVE PAVEMENTS, DUST TRACKED ONTO ACTIVE PAVEMENTS, HAND TOOLS, HARDWARE DROPPED, ETC.

8. HAZARDOUS MATERIAL (HAZMAT) MANAGEMENT

CONTRACTOR SHALL NOTIFY RESIDENT ENGINEER AND AIRPORT EMERGENCY PERSONNEL IF HAZARDOUS MATERIALS ARE ENCOUNTERED ON THIS PROJECT.

9. NOTIFICATION OF CONSTRUCTION ACTIVITIES

AGENCY NAME	AGENCY TYPE	TELEPHONE
POTOSI CITY POLICE DEPARTMENT	POLICE DEPARTMENT	(573) 438-5468 OR 911
POTOSI FIRE DEPARTMENT	FIRE DEPARTMENT	(573) 438-5465 OR 911
WASHINGTON COUNTY MEMORIAL HOSPITAL	HOSPITAL	(573) 438-5451
WASHINGTON COUNTY AMBULANCE	AMBULANCE	(573) 438-3635
COUNTY ADMINISTRATIVE	WASHINGTON COUNTY	(573) 438-6111
AIRPORT MANAGER	DANNY WILSON	(573) 854-9173

BEFORE BEGINNING ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR MUST, THROUGH THE RESIDENT ENGINEER AND 8WC AIRPORT MANAGER, GIVE NOTICE USING THE NOTICE TO AIR MISSIONS (NOTAM) SYSTEM OF PROPOSED LOCATION, TIME, AND DATE OF COMMENCEMENT OF CONSTRUCTION. ALL NOTAMS SHALL BE ISSUED BY 8WC. UPON COMPLETION OF WORK AND RETURN OF ALL SUCH AREAS TO STANDARD CONDITIONS, THE CONTRACTOR MUST COORDINATE WITH THE RESIDENT ENGINEER AND VERIFY THE CANCELLATION OF ALL NOTICES ISSUED VIA THE NOTAM SYSTEM. THROUGHOUT THE PROJECT DURATION , THE CONTRACTOR MUST:

A. BE AWARE OF AND UNDERSTAND THE SAFETY PROBLEMS AND HAZARDS DESCRIBED IN ADVISORY CIRCULAR 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.

9. NOTIFICATION OF CONSTRUCTION ACTIVITIES (CONT.)

- B. CONDUCT ACTIVITIES SO AS NOT TO VIOLATE ANY SAFETY STANDARDS CONTAINED IN ADVISORY CIRCULAR 150/5370-2G OR ANY OF THE REFERENCES THEREIN.
- C. INSPECT ALL CONSTRUCTION AND STORAGE AREAS AS OFTEN AS NECESSARY TO BE AWARE OF CONDITIONS.
- D. PROMPTLY TAKE ALL ACTIONS NECESSARY TO PREVENT OR REMEDY ANY UNSAFE OR POTENTIALLY UNSAFE CONDITIONS AS SOON AS THEY ARE DISCOVERED.
- E. THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS, PROVISIONS, AND PROCEDURES OUTLINED IN CONSTRUCTION SAFETY PHASING PLAN (SEE DIV. 6 OF THE CONTRACT DOCUMENTS).

ANY CHANGES TO SCOPE OR SCHEDULE MUST BE NOTIFIED TO THE RESIDENT ENGINEER AND 8WC AIRPORT MANAGER SO THAT NOTAMS CAN BE ISSUED, MAINTAINED, AND CANCELED.

IN AN EVENT OF AN EMERGENCY, CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER, 8WC AIRPORT MANAGER.

10. INSPECTION REQUIREMENTS

CONTRACTOR SHALL COMPLETE A DAILY INSPECTION FOR SAFETY ON THE PROJECT SITE BY COMPLETING THE CHECKLIST PROVIDED IN ADVISORY CIRCULAR 150/5370-2G, APPENDIX D, CONSTRUCTION PROJECT DAILY SAFETY INSPECTION CHECKLIST.

THE CONTRACTOR, RESIDENT ENGINEER AND 8WC AIRPORT MANAGER MUST PERFORM ONSITE INSPECTIONS THROUGHOUT THE PROJECT, WITH IMMEDIATE REMEDY OF ANY DEFICIENCIES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR SCOPE CHANGE.

CONTRACTOR SHALL COMPLETE A FINAL INSPECTION FOR SAFETY ON THE PROJECT SITE AT THE END OF EACH PHASE.

11. APPROACH CLEARANCE TO RUNWAYS

RUNWAY THRESHOLDS MUST PROVIDE AN UNOBSTRUCTED APPROACH SURFACE OVER EQUIPMENT AND MATERIALS. (REFER TO CHAPTER 3 IN ADVISORY CIRCULAR 150/5300-13B, AIRPORT DESIGN, FOR GUIDANCE.

12. RUNWAY AND TAXIWAY VISUAL AIDS

FLASHER BARRICADES, CLOSED 'X' MARKINGS AND RUNWAY CLOSURE MARKERS (RCMS) ARE TO BE PLACED AS DETAILED IN THE PLANS AND IN ALL DESIGNATED AREAS AS SHOWN ON THE CONSTRUCTION SAFETY DRAWINGS.

APPROVED FLASHER BARRICADES SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR.

CLOSED 'X' MARKINGS AND RCMS SHALL BE PROVIDED BY THE CONTRACTOR AND MAINTAINED BY THE CONTRACTOR.

CONTRACTOR TO COVER ALL TAXIWAY EDGE LIGHTS, TAXIWAY SIGNS, RUNWAY SIGNS, AND APRON EDGE LIGHTS FOR AREAS CLOSED BY NOTAM TO THE APPROVAL OF THE RESIDENT ENGINEER.

13. MARKING AND SIGNS FOR ACCESS ROUTES

ALL REQUIRED SIGNS AND MARKINGS SHALL CONFORM TO ADVISORY CIRCULAR 150/5340-18G, STANDARD FOR AIRPORT SIGN SYSTEMS, OR THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

ALL SIGNS ADJACENT TO AREAS USED BY AIRCRAFT MUST COMPLY WITH THE FRANGIBLE REQUIREMENTS AS STATED IN ADVISORY CIRCULAR 150/5220-23A, FRANGIBLE CONNECTIONS.

14. HAZARD MARKINGS AND LIGHTING

PRIOR TO CLOSING ANY AREAS IN THE AOA TO AIRCRAFT OR EMERGENCY TRAFFIC, CONTRACTOR MUST CLEARLY DEFINE CLOSED AREAS WITH WARNING LIGHTS, BARRICADES, CLOSED 'X' MARKINGS, RCMS, AND FLAGS TO THE APPROVAL OF THE RESIDENT ENGINEER. CONTRACTOR TO REFER TO CONSTRUCTION SAFETY DRAWINGS.

HAZARDOUS AREAS ON THE MOVEMENT AREA WILL BE MARKED WITH FLASHER BARRICADES. THESE BARRICADES RESTRICT ACCESS AND MAKE HAZARDS OBVIOUS TO AIRCRAFT, PERSONNEL, AND VEHICLES. DURING PERIODS OF LOW VISIBILITY AND AT NIGHT, IDENTIFY HAZARDOUS AREAS WITH RED FLASHING LIGHTS.

OPEN TRENCHES AND EXCAVATIONS MUST BE PROMINENTLY MARKED WITH RED OR ORANGE FLAGS AND LIGHTS AS APPROVED BY THE RESIDENT ENGINEER.

15. PROTECTION OF RUNWAY AND TAXIWAY AREAS

SAFETY AREAS - CONTRACTOR SHALL NOT IMPEDE ON THE SAFETY AREAS WITHOUT A CLOSURE OF THE RUNWAY/TAXIWAY BY MEANS OF A NOTAM.

OBJECT FREE AREAS - CONTRACTOR SHALL NOT PLACE EQUIPMENT, MATERIAL, OR STOCKPILES IN THIS AREA. ALL OBJECTS OR MATERIALS ADJACENT TO THIS AREA SHALL BE PROPERLY MARKED/LIT PER ADVISORY CIRCULAR 150/5370-2G. CONTRACTOR CANNOT WORK IN ACTIVE TAXIWAY OBJECT FREE AREA WITHOUT WING WALKERS TO MAINTAIN A 5' CLEARANCE FROM THE WINGSPAN OF THE AIRCRAFT TO CONSTRUCTION EQUIPMENT OR MATERIAL.

OBSTACLE FREE ZONE- CONTRACTOR TO PREVENT PERSONNEL, MATERIAL, AND/OR EQUIPMENT FROM PENETRATING THE OBSTACLE FREE ZONE AS DEFINED IN ADVISORY CIRCULAR 150/5300-13B.

16. OTHER LIMITATIONS ON CONSTRUCTION

PROHIBITING OPEN-FLAME WELDING OR TORCH CUTTING OPERATIONS UNLESS ADEQUATE FIRE SAFETY PRECAUTIONS ARE PROVIDED AND THESE OPERATIONS HAVE BEEN AUTHORIZED BY THE AIRPORT OPERATOR (AS TAILORED TO CONFORM TO LOCAL REQUIREMENTS AND RESTRICTIONS).

PROMINENTLY MARKING OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION AND LIGHTING THESE OBSTACLES DURING HOURS OF RESTRICTED VISIBILITY AND DARKNESS.

MARKING AND LIGHTING CLOSED, DECEPTIVE, AND HAZARDOUS AREAS ON AIRPORTS, AS APPROPRIATE. CONSTRAINING STOCKPILED MATERIAL TO PREVENT ITS MOVEMENT AS A RESULT OF THE MAXIMUM ANTICIPATED AIRCRAFT BLAST AND FORECAST WIND CONDITIONS.

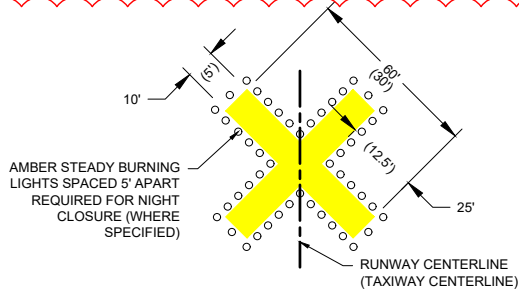
NO USE OF TALL EQUIPMENTS (CRANES, CONCRETE PUMPS, AND SO ON) UNLESS A FAA 7460-1 DETERMINATION LETTER IS ISSUED FOR SUCH EQUIPMENT.

NO USE OF ELECTRICAL BLASTING CAPS ON OR WITHIN 1,000' OF THE AIRPORT PROPERTY.

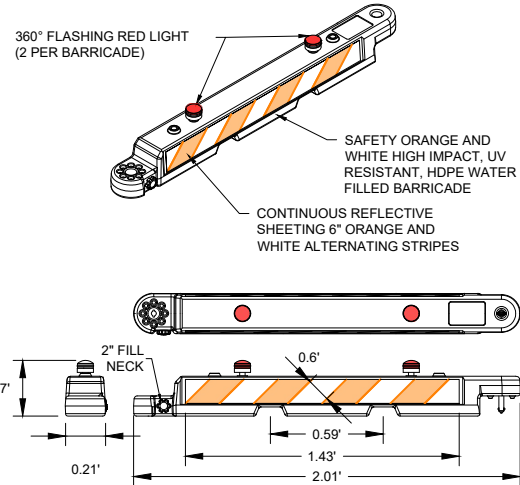
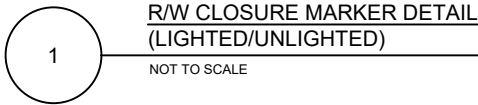
NO USE OF FLARE POTS WITHIN THE AOA.

17. DUST CONTROL

CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST FROM THE CONSTRUCTION SITE AT ALL TIMES. CONTRACTOR SHALL HAVE A WATER TRUCK AND OPERATOR AVAILABLE 24 HOURS A DAY TO CONTROL DUST. THE PROJECT'S LOCATION IS NEAR ACTIVE RUNWAYS AND HIGHWAYS AND IS IN A LOCATION THAT EXPERIENCES HIGH WIND. IT IS CRITICAL FOR THE CONTRACTOR TO KEEP DUST TO AN ABSOLUTE MINIMUM BOTH DURING CONSTRUCTION, AND AFTER CONSTRUCTION UNTIL THE EXPOSED SURFACES CONTAIN SUSTAINABLE VEGETATION. CONTRACTOR SHALL PROVIDE THE RESIDENT ENGINEER AND AIRPORT OPERATIONS WITH A CONTACT FOR 24 HOUR DUST CONTROL.



1. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE "AVIATION YELLOW."
2. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
3. RUNWAY CLOSURE CROSS MARKINGS SHALL BE LIGHTED DURING DARKNESS AND PERIODS OF REDUCED VISIBILITY.
4. ALL VALUES IN PARENTHESIS REPRESENT DIMENSIONS FOR THE TAXIWAY CLOSURE MARKER.
5. PAYMENT FOR THIS WORK TO BE MADE UNDER ST-C-102 MAINTENANCE OF TRAFFIC.



- BARRICADE NOTES:**
1. MULTI-BARRIER AR-10X96, OR APPROVED EQUAL, WALL BARRICADE OTW SAFETY AR10X96, OR APPROVED EQUAL, SOLAR RED SAFETY LIGHT AND REFLECTOR.
  2. ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE FAA ADVISORY CIRCULAR150/5370-2 (LATEST EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" UNLESS NOTED OTHERWISE.
  3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING, MOVING, LIGHTING AND MAINTAINING THE BARRICADES DURING CONSTRUCTION OF THE ENTIRE PROJECT.
  4. BARRICADES SHALL BE WEIGHTED AND CAPABLE OF WITHSTANDING UP TO 110 M.P.H. WIND FORCES.
  5. LOW PROFILE BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT IN INCREMENTS AS DIRECTED BY THE ENGINEER. BARRICADES ARE TO BE SET BACK 93' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
  6. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND DURING ANY EXISTING CONDITIONS WHICH TEND TO OBSCURE VISION.
  7. THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
  8. ALL BARRICADES TO BE PROVIDED BY THE CONTRACTOR.
  9. PAYMENT FOR THIS WORK TO BE MADE UNDER ST-C-102 MAINTENANCE OF TRAFFIC.



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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION

CONSTRUCTION SAFETY NOTES AND DETAILS

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274
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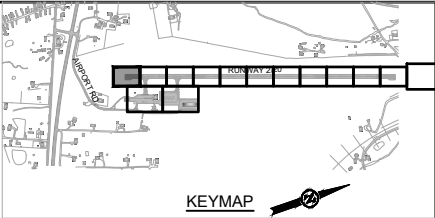
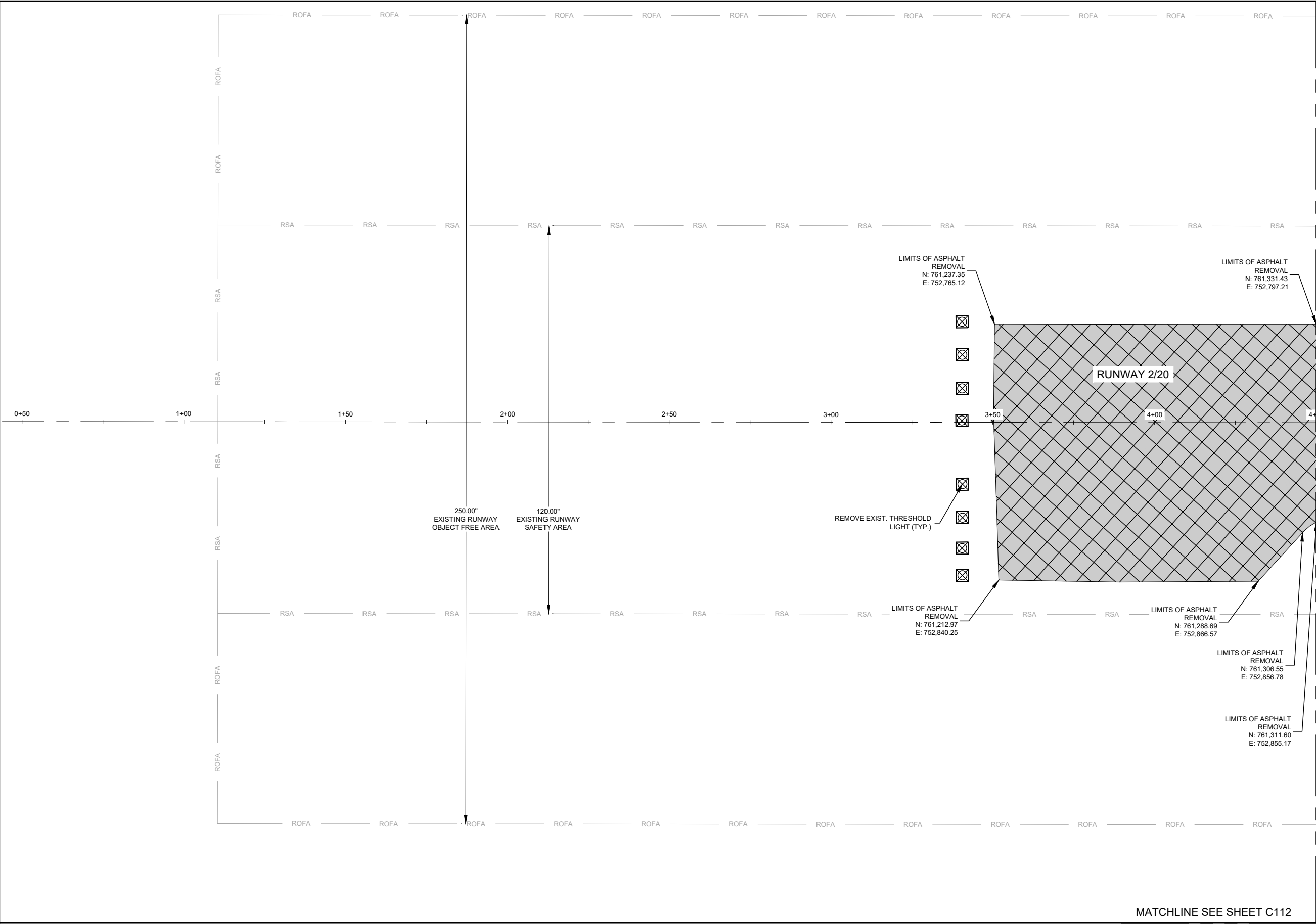
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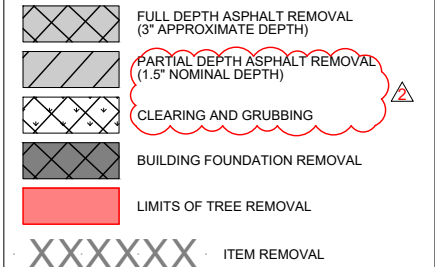
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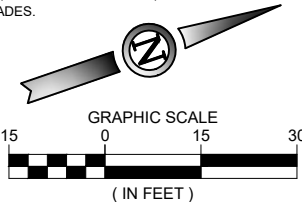


DEMOLITION LEGEND



GENERAL DEMOLITION NOTES

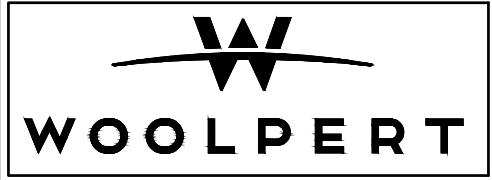
1. CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE BID ITEMS.
2. AT THE ENGINEER'S DIRECTION, ANY MATERIAL DESIRED BY THE AIRPORT TO SALVAGED SHALL BE NEATLY STACKED ON PALLETS, SECURED, AND STORED IN A LOCATION DETERMINED BY THE AIRPORT. ALL COSTS TO SALVAGE AND STORE MATERIALS SHALL BE INCIDENTAL TO THE RESPECTIVE DEMOLITION BID ITEM.
3. ALL PAVEMENT TO BE SAW CUT PRIOR TO FULL DEPTH REMOVAL.
4. PAVEMENT REMOVAL SHALL BE MEASURED AND PAID TO NEAT LINE DIMENSIONING.
5. ALL MILLINGS AND RUBBLE MATERIAL SHALL BE PLACED AND ROLLED TO ON-SITE LOCATIONS DETERMINED BY THE CONTRACTOR OR PLACED IN FILL AREAS PER APPROVAL OF ENGINEER.
6. FULL DEPTH CONCRETE OR ASPHALT PAVEMENT REMOVAL INCLUDES THE REMOVAL OF ANY UNDERLYING ASPHALT AND/OR CONCRETE PAVEMENT, BASE AND SUBBASE LAYERS, GEOTEXTILKE FABRIC, AND ANY STABILIZED SUBGRADES.



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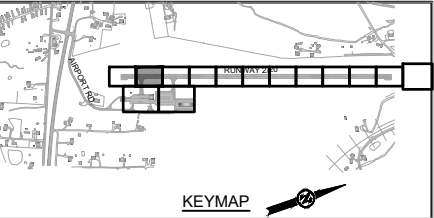
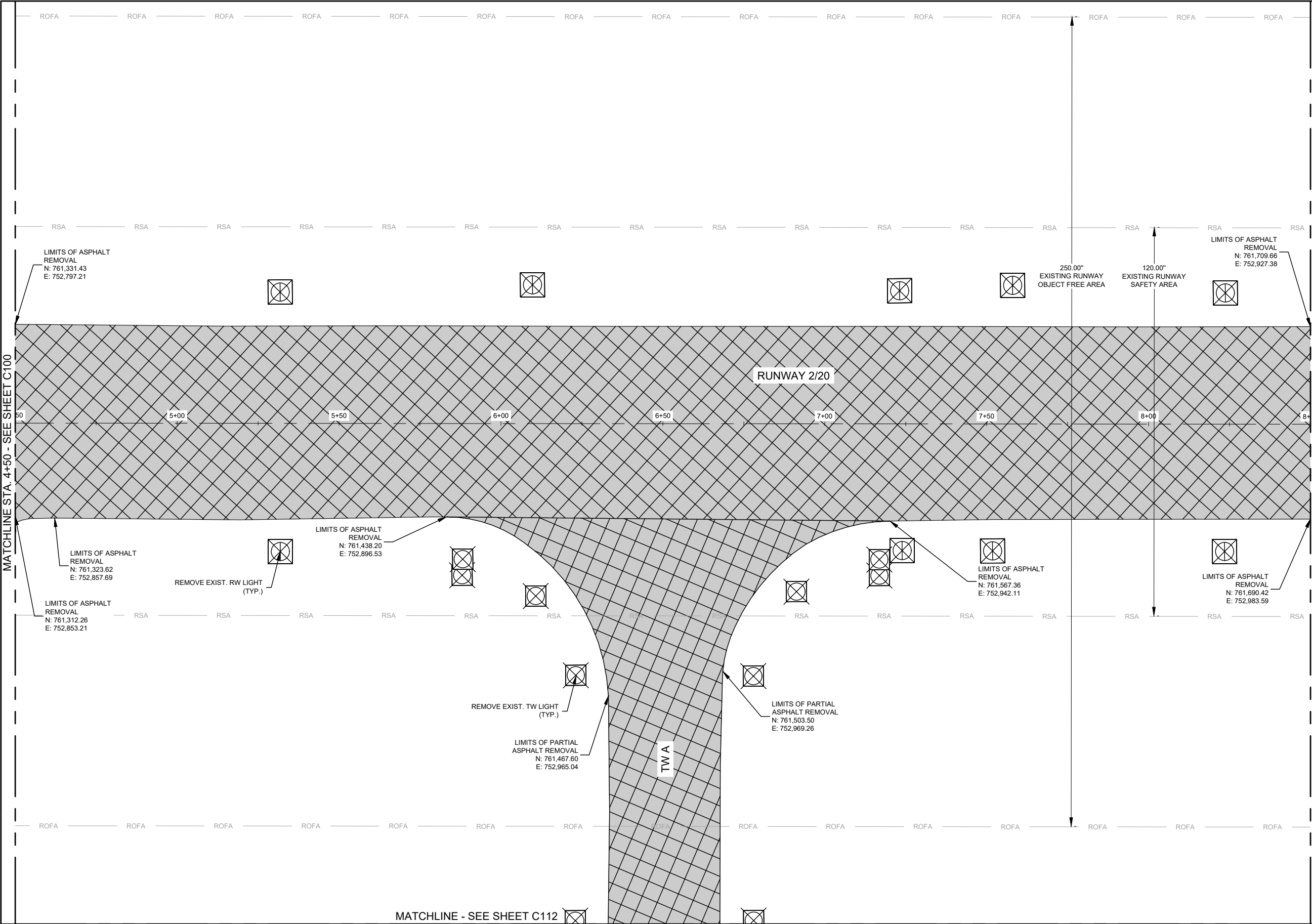
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CH: C.L.G.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
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RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

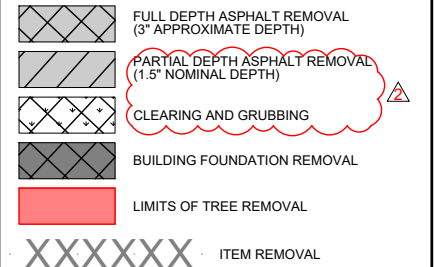
DEMOLITION PLAN STA. 0+50 TO 4+50 RUNWAY 2/20		SHEET NAME C100 SHEET NO. 25 of 145
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	



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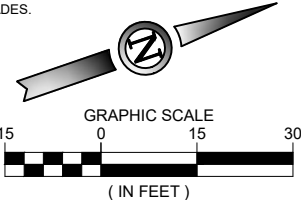


DEMOLITION LEGEND



GENERAL DEMOLITION NOTES

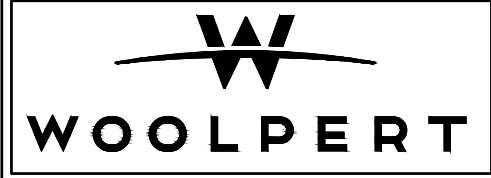
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- AT THE ENGINEER'S DIRECTION, ANY MATERIAL DESIRED BY THE AIRPORT TO SALVAGED SHALL BE NEATLY STACKED ON PALLETS, SECURED, AND STORED IN A LOCATION DETERMINED BY THE AIRPORT. ALL COSTS TO SALVAGE AND STORE MATERIALS SHALL BE INCIDENTAL TO THE RESPECTIVE DEMOLITION BID ITEM.
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2	L.K.K.	06/06/2024	ADDENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN  
STA. 4+50 TO 8+50  
RUNWAY 2/20

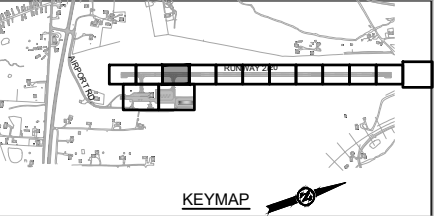
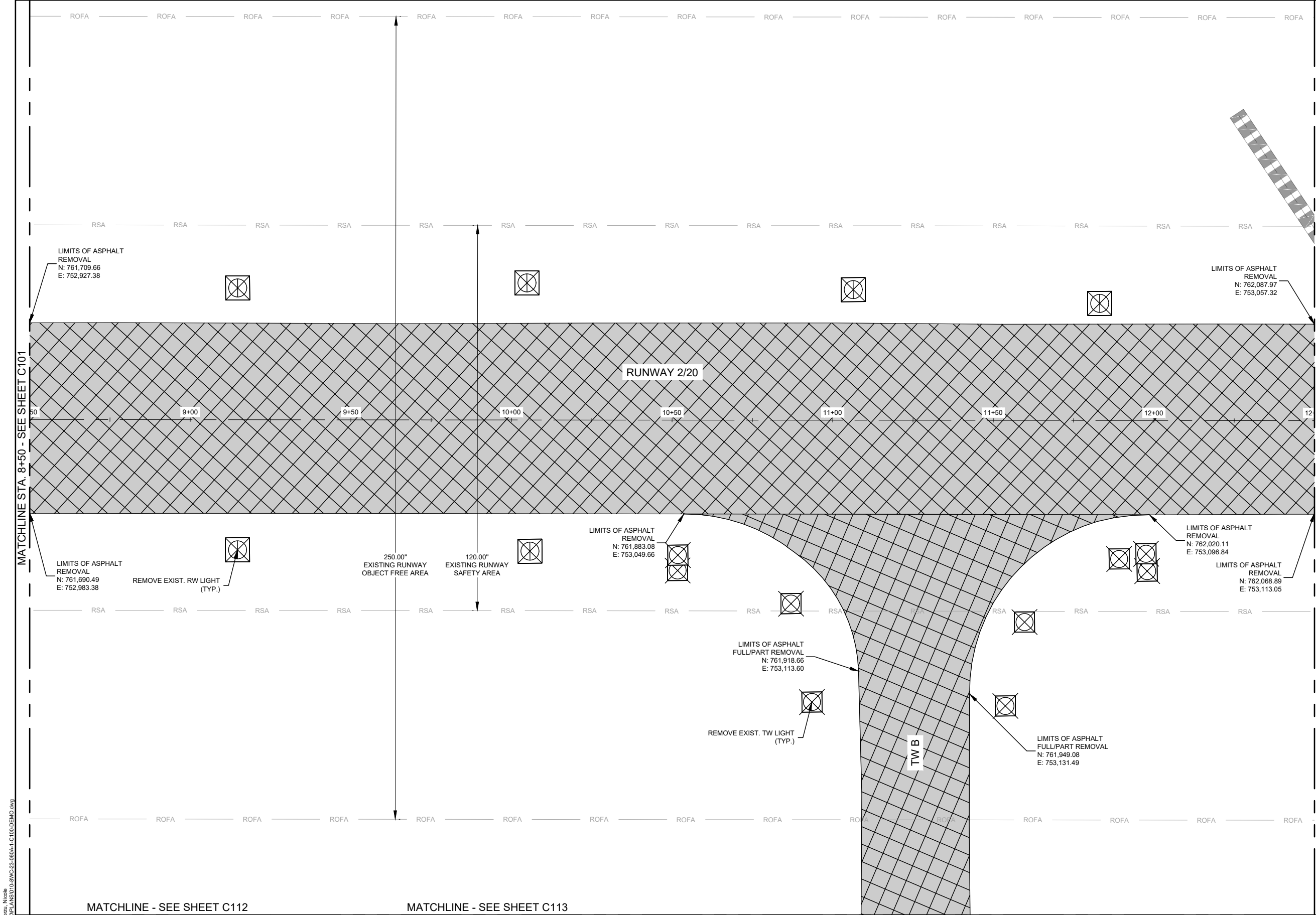
MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO.  
1015274

SHEET NAME  
C101

SHEET NO.  
26 of 145





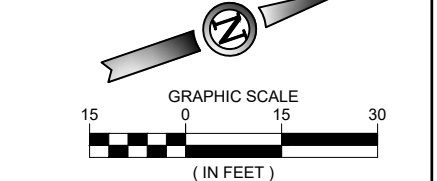
DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL  
(3" APPROXIMATE DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL  
(1.5" NOMINAL DEPTH)

GENERAL DEMOLITION NOTES

- CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE BID ITEMS.
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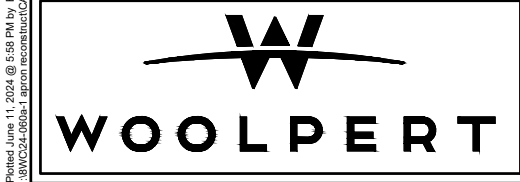
05/28/24

NAME

REG. NO.

DATE

FOR AND ON BEHALF OF WOOLPERT

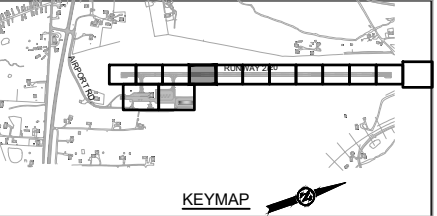
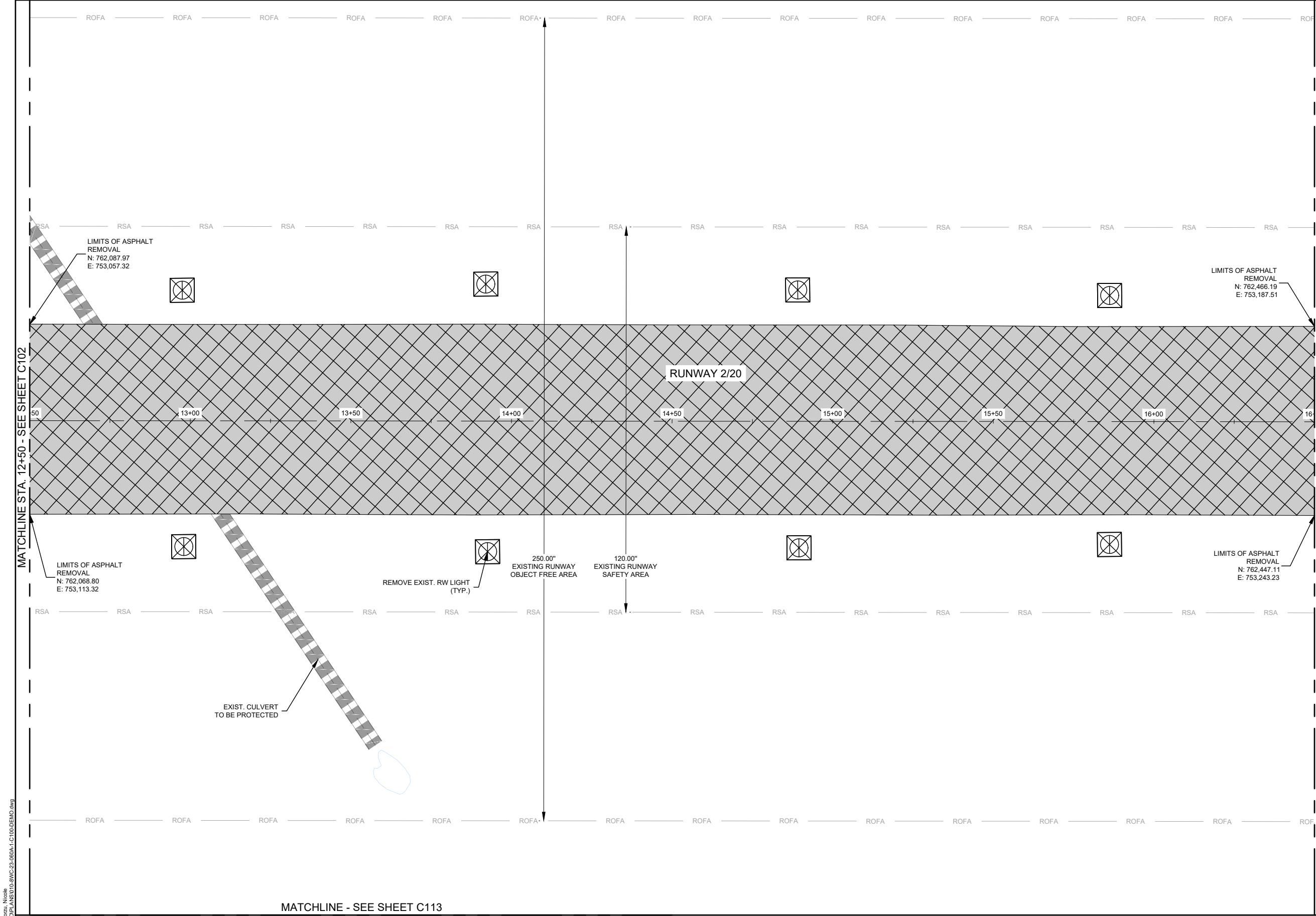


DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN STA. 8+50 TO 12+50 RUNWAY 2/20		SHEET NAME C102
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	
		SHEET NO. 27 of 145

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38VDC24-060A-1.aprion record.ctb\\C:\P\ANS\2024-060A-1-C102-DEMO.dwg



DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL  
(3" APPROXIMATE DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL  
(1.5" NOMINAL DEPTH)

CLEARING AND GRUBBING

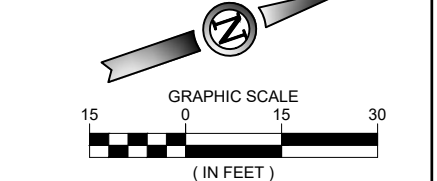
BUILDING FOUNDATION REMOVAL

LIMITS OF TREE REMOVAL

ITEM REMOVAL

GENERAL DEMOLITION NOTES

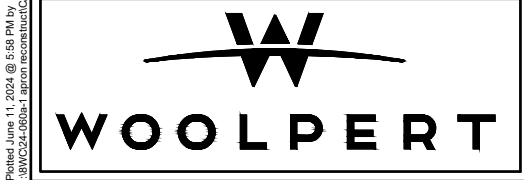
- CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE BID ITEMS.
- AT THE ENGINEER'S DIRECTION, ANY MATERIAL DESIRED BY THE AIRPORT TO SALVAGED SHALL BE NEATLY STACKED ON PALLETS, SECURED, AND STORED IN A LOCATION DETERMINED BY THE AIRPORT. ALL COSTS TO SALVAGE AND STORE MATERIALS SHALL BE INCIDENTAL TO THE RESPECTIVE DEMOLITION BID ITEM.
- ALL PAVEMENT TO BE SAW CUT PRIOR TO FULL DEPTH REMOVAL.
- PAVEMENT REMOVAL SHALL BE MEASURED AND PAID TO NEAT LINE DIMENSIONING.
- ALL MILLINGS AND RUBBLE MATERIAL SHALL BE PLACED AND ROLLED TO ON-SITE LOCATIONS DETERMINED BY THE CONTRACTOR OR PLACED IN FILL AREAS PER APPROVAL OF ENGINEER.
- FULL DEPTH CONCRETE OR ASPHALT PAVEMENT REMOVAL INCLUDES THE REMOVAL OF ANY UNDERLYING ASPHALT AND/OR CONCRETE PAVEMENT, BASE AND SUBBASE LAYERS, GEOTEXTILKE FABRIC, AND ANY STABILIZED SUBGRADES.



ISSUED FOR BID

THESE DRAWINGS ARE FOR PURPOSES ONLY. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1

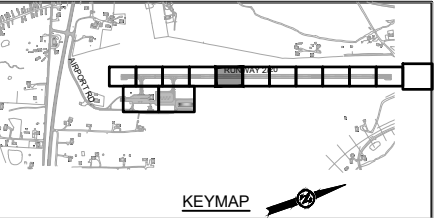
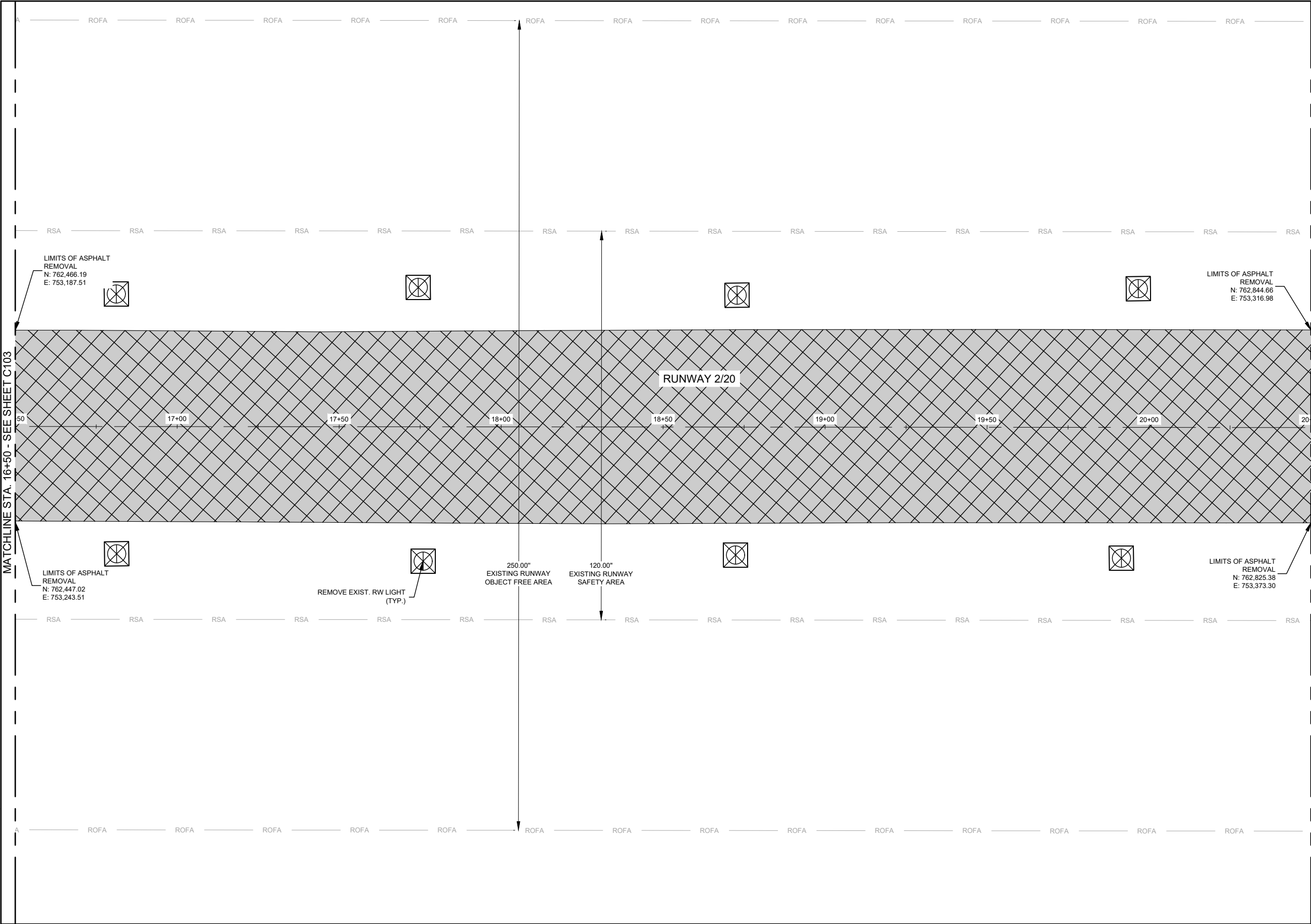
RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN STA. 12+50 TO 16+50 RUNWAY 2/20	
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274

SHEET NAME C103
SHEET NO. 28 of 145

Printed June 11, 2024 @ 5:58 PM by Borzu, Nicole  
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Printed June 11, 2024 @ 5:58 PM by Borzu, Nicole  
\\NVCC24-2506-1\apron\_reconstruction\CD\PLANS\10-BWC-23-060A-1-C104-DEMO.dwg



DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL  
(3" APPROXIMATE DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL  
(1.5" NOMINAL DEPTH)

CLEARING AND GRUBBING

BUILDING FOUNDATION REMOVAL

LIMITS OF TREE REMOVAL

ITEM REMOVAL

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE BID ITEMS.

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3. ALL PAVEMENT TO BE SAW CUT PRIOR TO FULL DEPTH REMOVAL.

4. PAVEMENT REMOVAL SHALL BE MEASURED AND PAID TO NEAT LINE DIMENSIONING.

5. ALL MILLINGS AND RUBBLE MATERIAL SHALL BE PLACED AND ROLLED TO ON-SITE LOCATIONS DETERMINED BY THE CONTRACTOR OR PLACED IN FILL AREAS PER APPROVAL OF ENGINEER.

6. FULL DEPTH CONCRETE OR ASPHALT PAVEMENT REMOVAL INCLUDES THE REMOVAL OF ANY UNDERLYING ASPHALT AND/OR CONCRETE PAVEMENT, BASE AND SUBBASE LAYERS, GEOTEXTILKE FABRIC, AND ANY STABILIZED SUBGRADES.

GRAPHIC SCALE  
15 0 15 30  
( IN FEET )

ISSUED FOR BID

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LAURA K. KOONCE202201201405/28/24  
NAMEREG. NO. DATE

FOR AND ON BEHALF OF WOOLPERT

DES: N.B.B.

DR: V.S.B.

CH: C.L.G.

APP: L.K.K.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	L.K.K.	05/28/24	ISSUED FOR BID
2	L.K.K.	06/06/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN  
STA. 16+50 TO 20+50  
RUNWAY 2/20

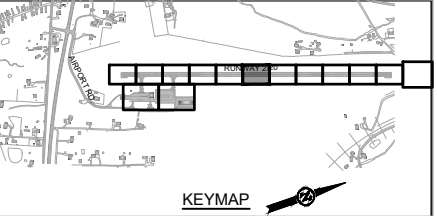
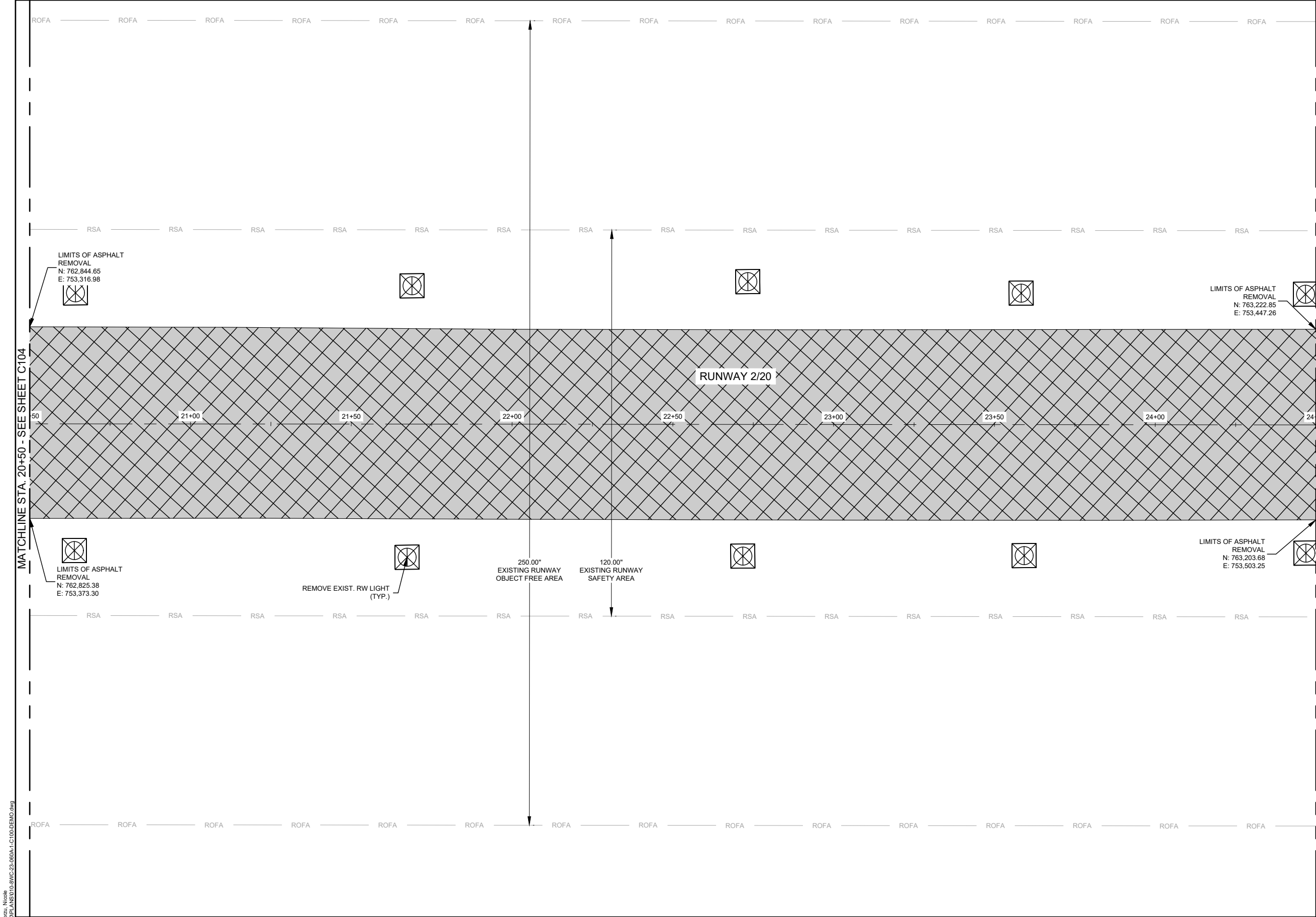
MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO.  
1015274

SHEET NAME  
C104

SHEET NO.  
29 of 145





DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL  
(3" APPROXIMATE DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL  
(1.5" NOMINAL DEPTH)

CLEARING AND GRUBBING

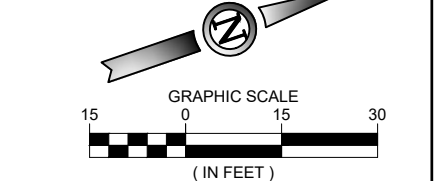
BUILDING FOUNDATION REMOVAL

LIMITS OF TREE REMOVAL

ITEM REMOVAL

GENERAL DEMOLITION NOTES

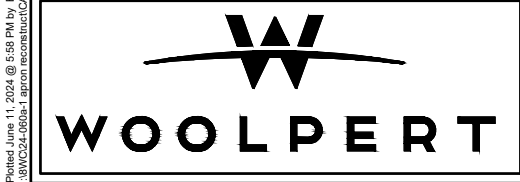
- CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE RESPECTIVE DEMOLITION BID ITEM.
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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

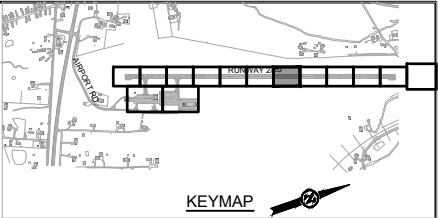
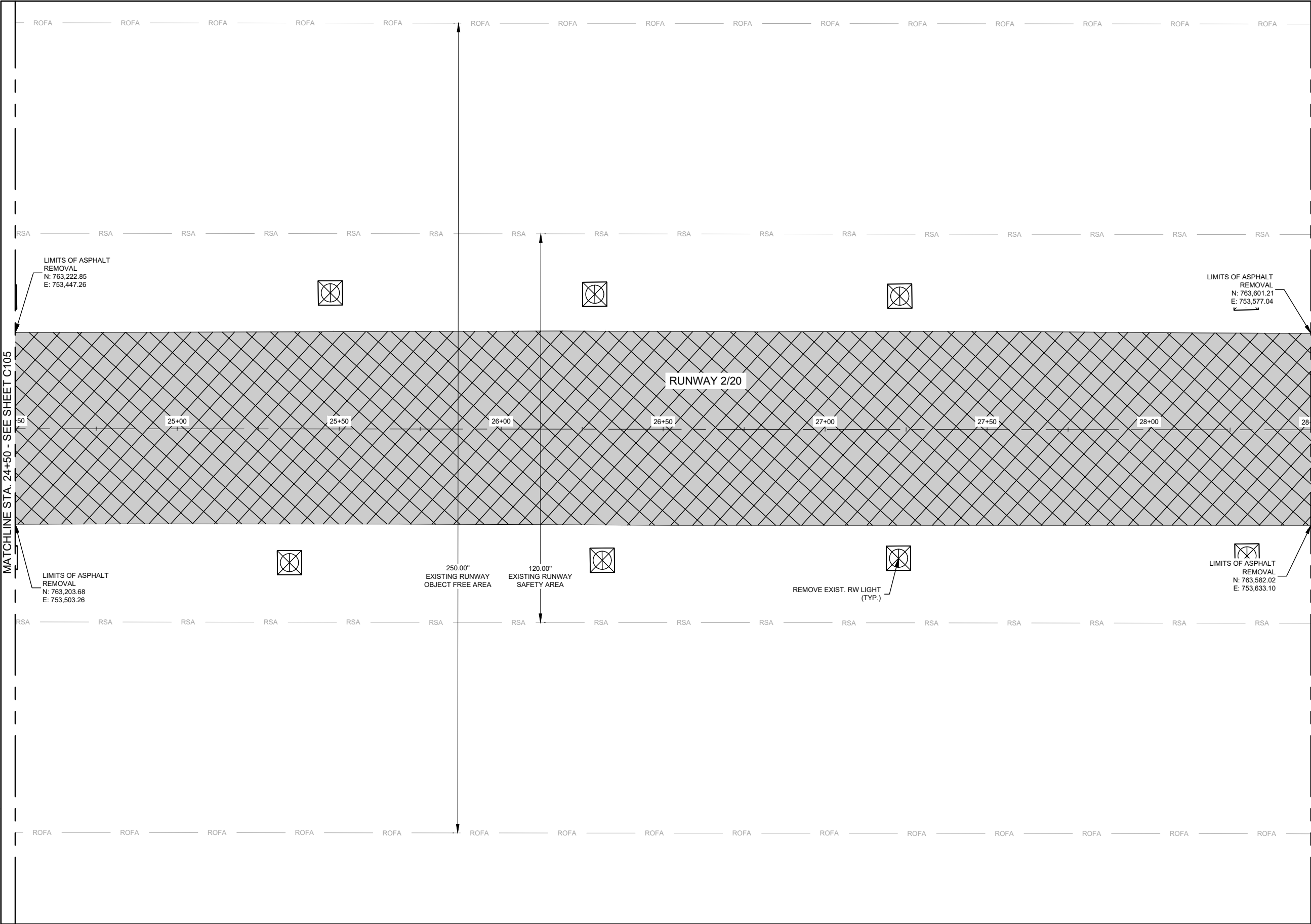


DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

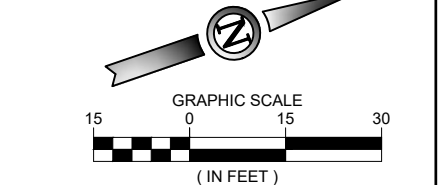
DEMOLITION PLAN STA. 20+50 TO 24+50 RUNWAY 2/20		SHEET NAME C105
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NO. 30 of 145

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\\NYC24-060A-1\apron reconstruction\CD\PLANS\20-APC-23-060A-1-C106-DEMO.dwg



DEMOLITION LEGEND	
	FULL DEPTH ASPHALT REMOVAL (3\"/>
	PARTIAL DEPTH ASPHALT REMOVAL (1.5\"/>
	CLEARING AND GRUBBING
	BUILDING FOUNDATION REMOVAL
	LIMITS OF TREE REMOVAL
	ITEM REMOVAL

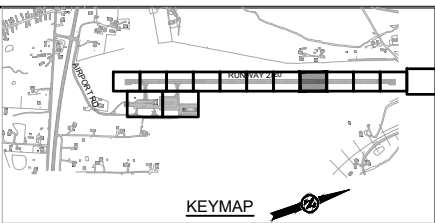
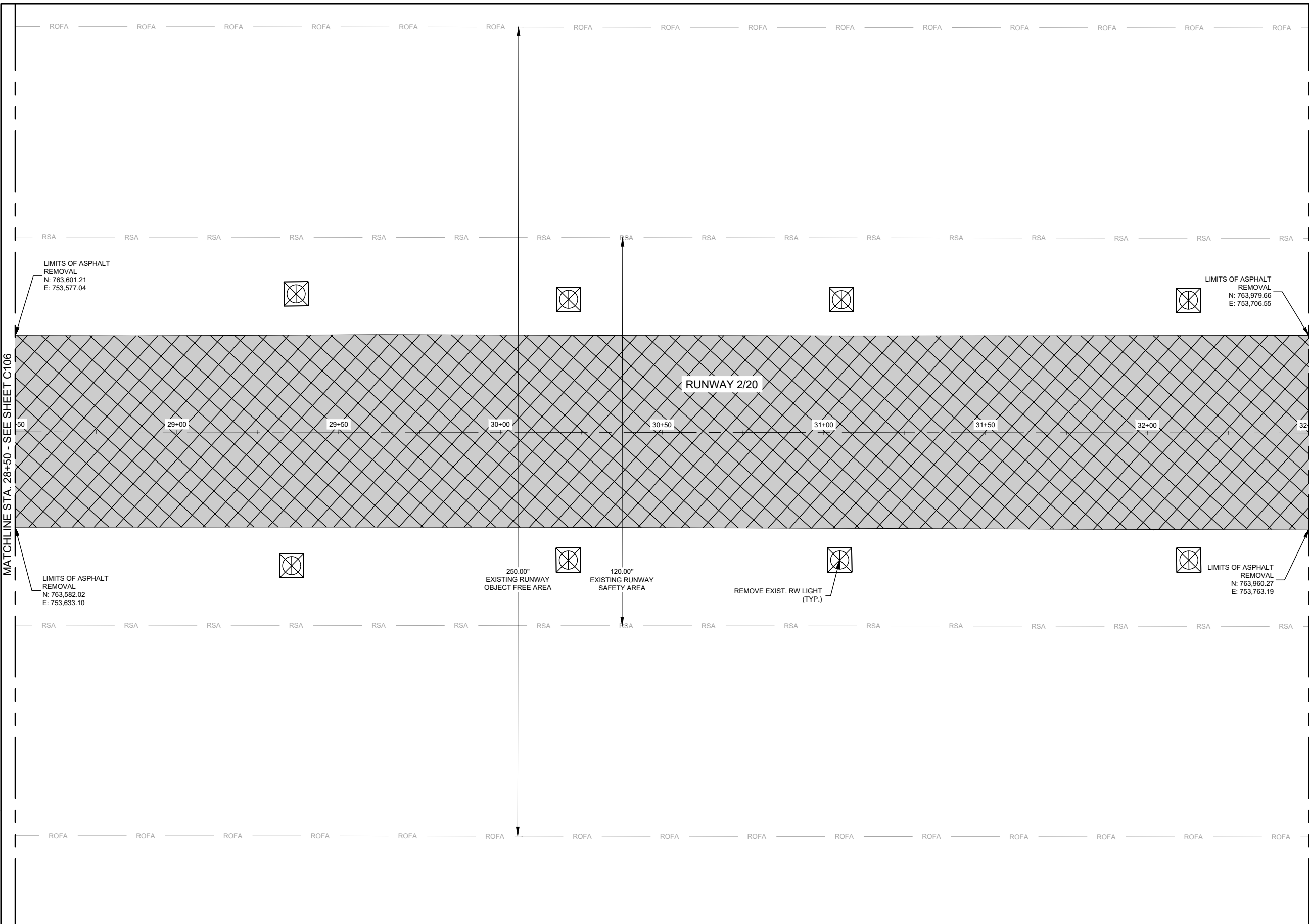
- GENERAL DEMOLITION NOTES**
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ISSUED FOR BID		
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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

		DES: N.B.B. DR: V.S.B. CH: C.L.G. APP: L.K.K.	ISSUE RECORD				RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION	DEMOLITION PLAN STA. 24+50 TO 28+50 RUNWYA 2/20		MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NAME
			NO.	BY	DATE	DESCRIPTION						SHEET NO.
			1	L.K.K.	05/28/24	ISSUED FOR BID						31 of 145
			2	L.K.K.	06/06/2024	ADDENDUM NO. 1						

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\\NVCC24-060A-1\apron\reconstruction\CD\PLANS\10-APC-23-060A-1-C107-DEMO.dwg



DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL  
(3" APPROXIMATE DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL  
(1.5" NOMINAL DEPTH)

CLEARING AND GRUBBING

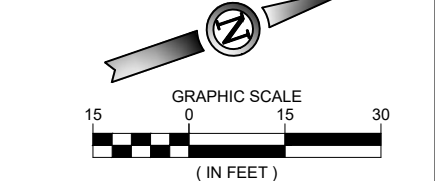
BUILDING FOUNDATION REMOVAL

LIMITS OF TREE REMOVAL

ITEM REMOVAL

GENERAL DEMOLITION NOTES

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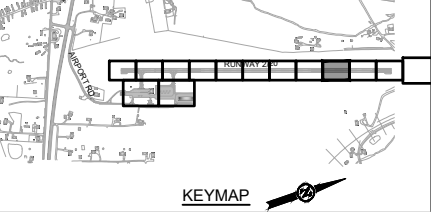
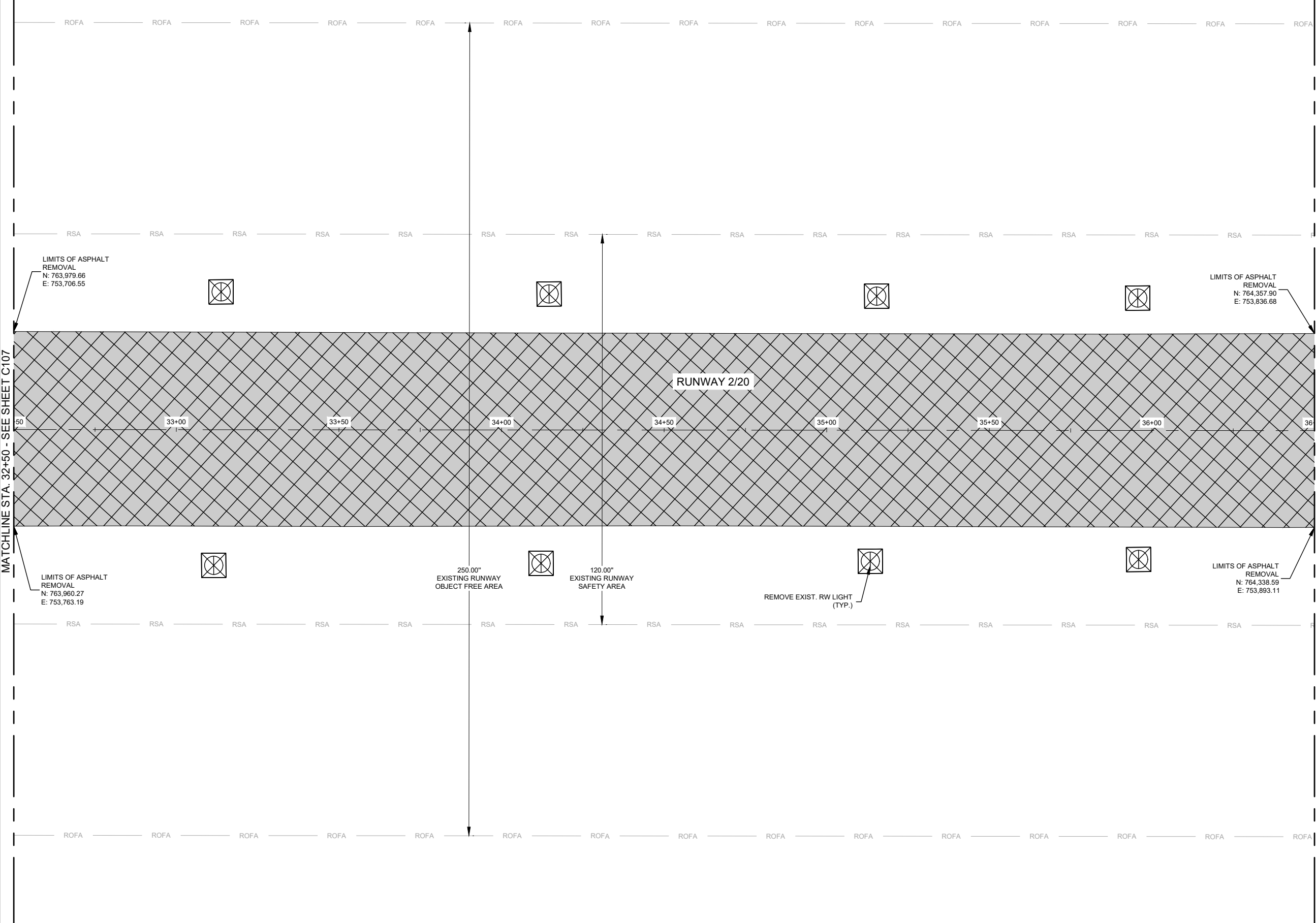
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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

DES: N.B.B.	ISSUE RECORD				RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION	DEMOLITION PLAN STA. 28+50 TO 32+50 RUNWAY 2/20		SHEET NAME C107
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION				SHEET NO. 32 of 145
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID				
APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1		MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	



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\\NYC24-060A-1\apron reconstruction\CD\PLANS\1010-8WC-23-060A-1-C108-DEMO.dwg



DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL  
(3" APPROXIMATE DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL  
(1.5" NOMINAL DEPTH)

CLEARING AND GRUBBING

BUILDING FOUNDATION REMOVAL

LIMITS OF TREE REMOVAL

ITEM REMOVAL

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE BID ITEMS.

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GRAPHIC SCALE  
15 0 15 30  
( IN FEET )

ISSUED FOR BID

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LAURA K. KOONCE202201201405/28/24  
NAMEREG. NO. DATE

FOR AND ON BEHALF OF WOOLPERT

DES: N.B.B.

DR: V.S.B.

CH: C.L.G.

APP: L.K.K.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	L.K.K.	05/28/24	ISSUED FOR BID
2	L.K.K.	06/06/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION

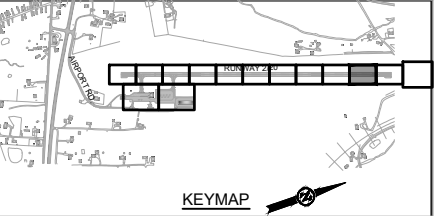
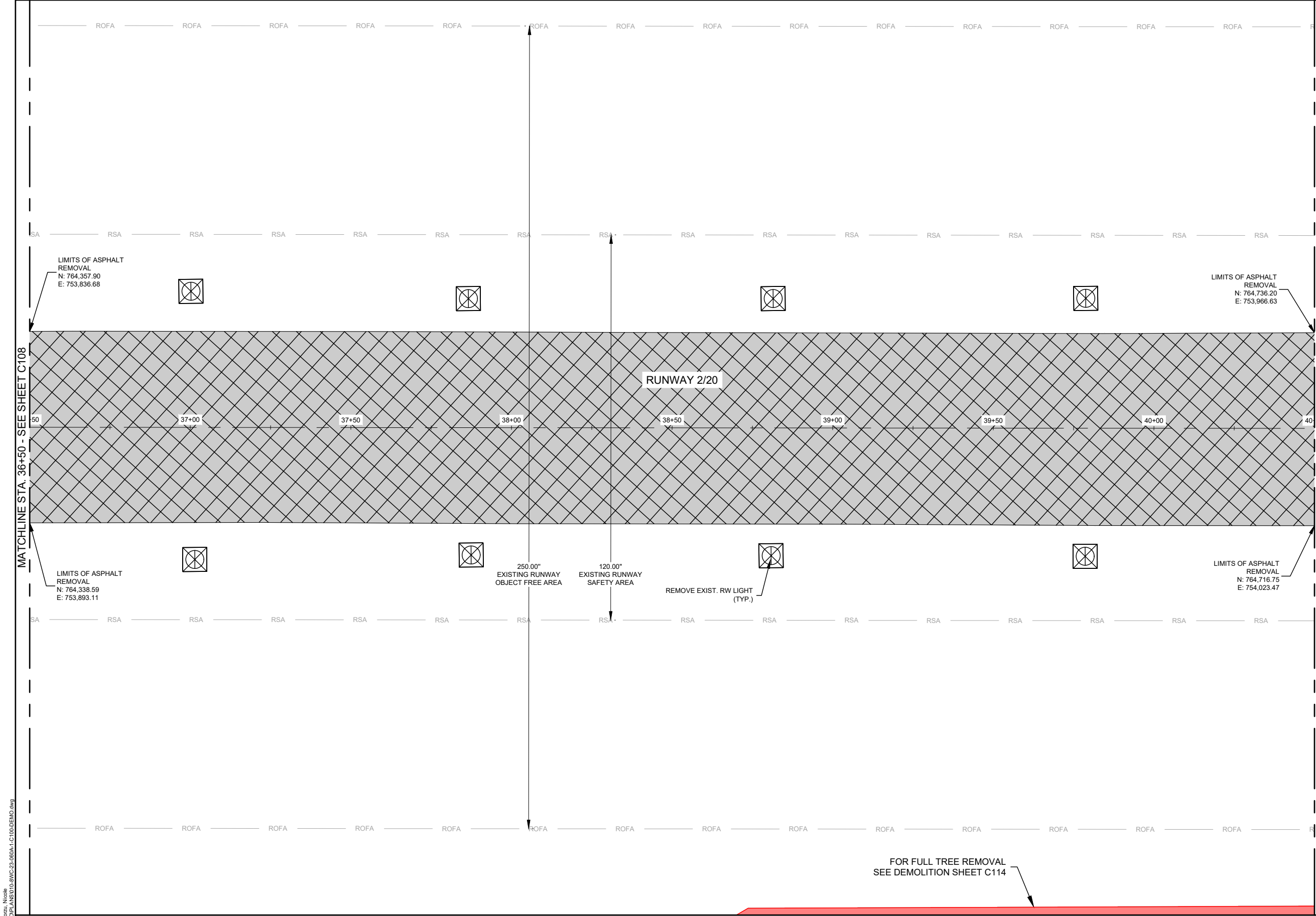
DEMOLITION PLAN  
STA. 32+50 TO 36+50  
RUNWAY 2/20

MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO.  
1015274

SHEET NAME  
C108

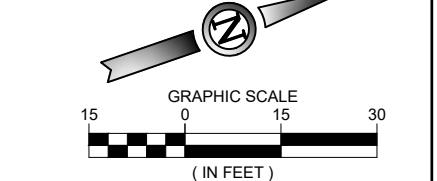
SHEET NO.  
33 of 145



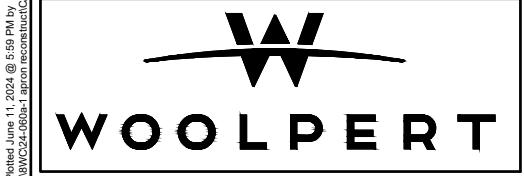
DEMOLITION LEGEND	
	FULL DEPTH ASPHALT REMOVAL (3" APPROXIMATE DEPTH)
	PARTIAL DEPTH ASPHALT REMOVAL (1.5" NOMINAL DEPTH)
	CLEARING AND GRUBBING
	BUILDING FOUNDATION REMOVAL
	LIMITS OF TREE REMOVAL
	ITEM REMOVAL

GENERAL DEMOLITION NOTES

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



ISSUE RECORD				
DES: N.B.B.	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

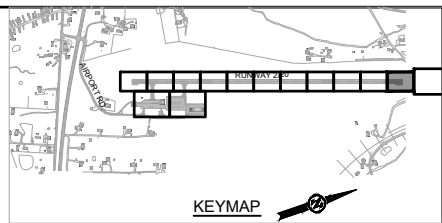
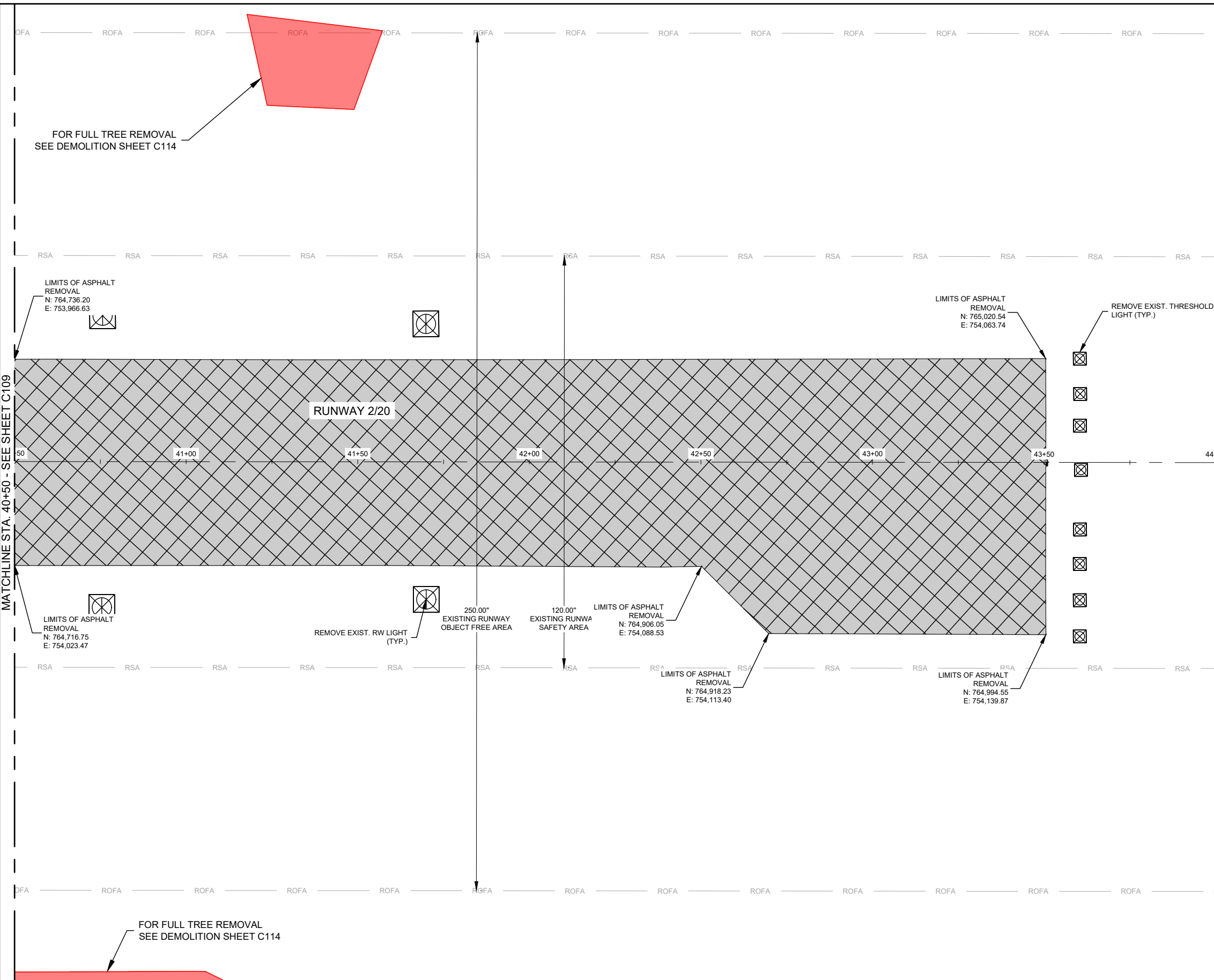
RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN STA. 36+50 TO 40+50 RUNWAY 2/20		SHEET NAME C109	
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NO. 34 of 145	

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\\CVC24-060A-1\apron\_reconstruction\CD\PLANS\10-84VC-23-060A-1-C109-DEMO.dwg



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\\NVCC24-060A-1\apron\_reconstruction\CD\PLANS\10-APRON-23-060A-1-C110-DEMOL.dwg



**DEMOLITION LEGEND**

	FULL DEPTH ASPHALT REMOVAL (3" APPROXIMATE DEPTH)
	PARTIAL DEPTH ASPHALT REMOVAL (1.5" NOMINAL DEPTH)
	CLEARING AND GRUBBING
	BUILDING FOUNDATION REMOVAL
	LIMITS OF TREE REMOVAL
	ITEM REMOVAL

**GENERAL DEMOLITION NOTES**

- CONTRACTOR TO REMOVE ALL EXISTING VEGETATION AND LANDSCAPING (TREES, BUSHES, BOULDERS, ROCKBEDS, ETC.) LOCATED WITHIN PROJECT LIMITS, REGARDLESS OF WHERE THE ITEM IS SHOWN ON THE PLANS. CONTRACTOR SHALL THOROUGHLY INSPECT SITE PRIOR TO BID TO DETERMINE THE EXTENTS OF THE EXISTING VEGETATION AND LANDSCAPING. REMOVAL SHALL BE INCIDENTAL TO THE RESPECTIVE DEMOLITION BID ITEMS.
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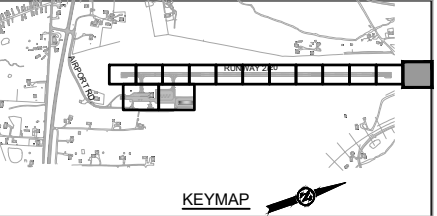
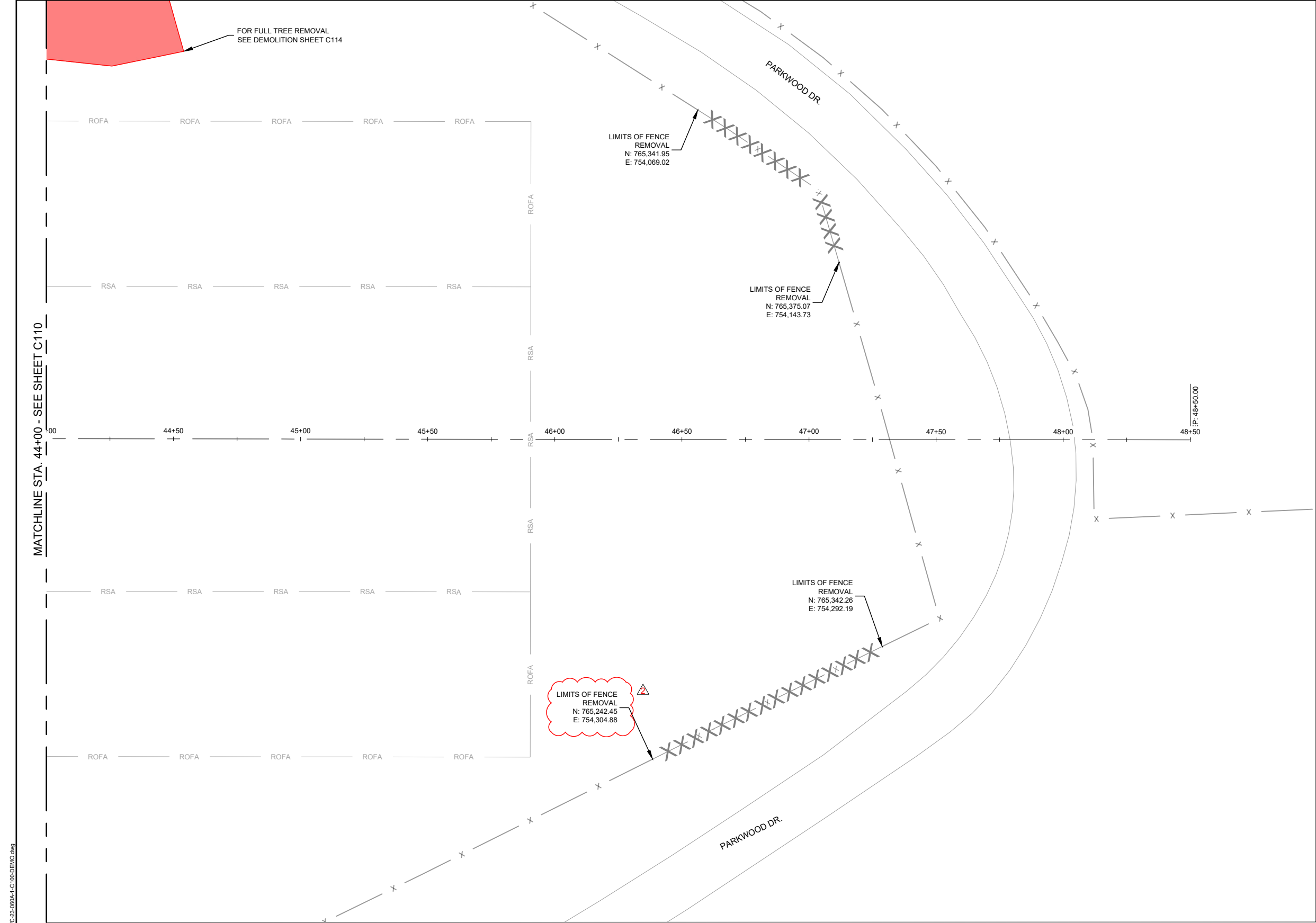
**GRAPHIC SCALE**  
15 0 15 30  
( IN FEET )

**ISSUED FOR BID**

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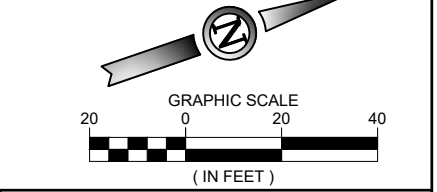
LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

		DES: N.B.B.	ISSUE RECORD				RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION	DEMOLITION PLAN STA. 40+50 TO 44+00 RUNWAY 2/20	MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NAME
		DR: V.S.B.	NO.	BY	DATE	DESCRIPTION					C110
		CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID					SHEET NO.
		APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1					35 of 145



DEMOLITION LEGEND	
	FULL DEPTH ASPHALT REMOVAL (3" APPROXIMATE DEPTH)
	PARTIAL DEPTH ASPHALT REMOVAL (1.5" NOMINAL DEPTH)
	CLEARING AND GRUBBING
	BUILDING FOUNDATION REMOVAL
	LIMITS OF TREE REMOVAL
	ITEM REMOVAL

- GENERAL DEMOLITION NOTES**
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LAURA K. KOONCE	2022012014	05/28/24
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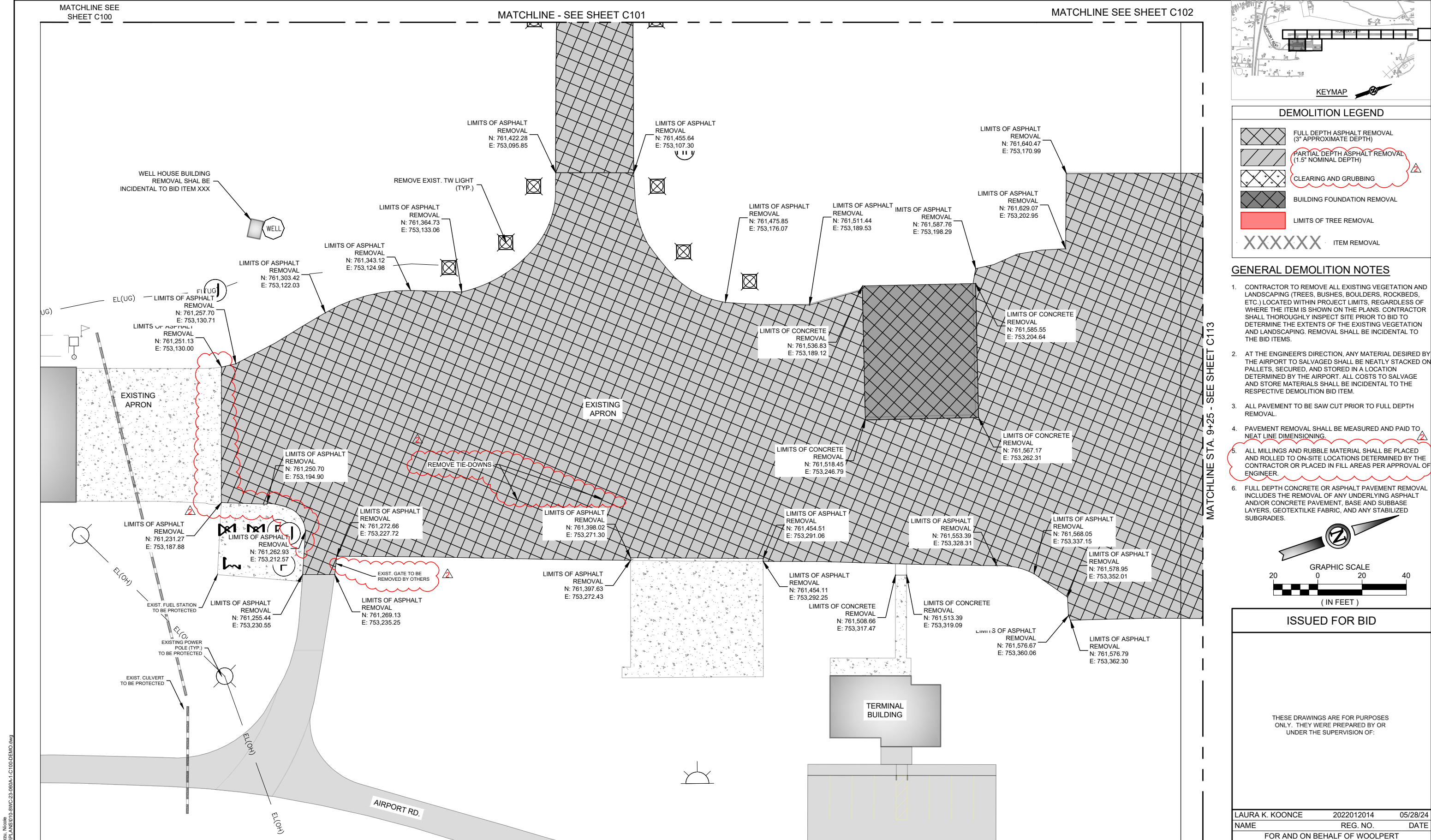
DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN STA. 44+00 TO 48+50 RUNWAY 2/20	
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274

SHEET NAME
C111
SHEET NO.
36 of 145

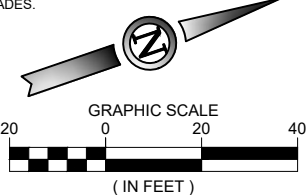
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\\NYC24-060A-1\apron\_reconstruction\CD\PLANS\1015-24\24-060A-1\_C110-DEMO.dwg



**DEMOLITION LEGEND**

- FULL DEPTH ASPHALT REMOVAL (3" APPROXIMATE DEPTH)
- PARTIAL DEPTH ASPHALT REMOVAL (1.5" NOMINAL DEPTH)
- CLEARING AND GRUBBING
- BUILDING FOUNDATION REMOVAL
- LIMITS OF TREE REMOVAL
- ITEM REMOVAL

- GENERAL DEMOLITION NOTES**
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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1

**RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION**

**DEMOLITION PLAN**  
STA. 4+00 TO 9+25  
RUNWAY 2/20

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2  
WOOLPERT PROJ. NO. 1015274

**SHEET NAME**  
C112

**SHEET NO.**  
37 of 145

Printed June 11, 2024 @ 5:58 PM by: Borzu, Nicole  
38VDC24-060A-1.aprion record.ctb C:\P\ANS\2014-24\VC-23-060A-1-C112.DEMO.dwg

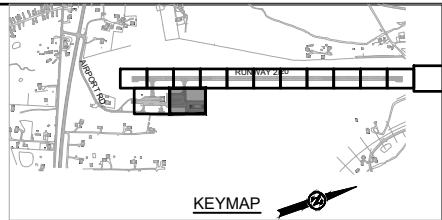
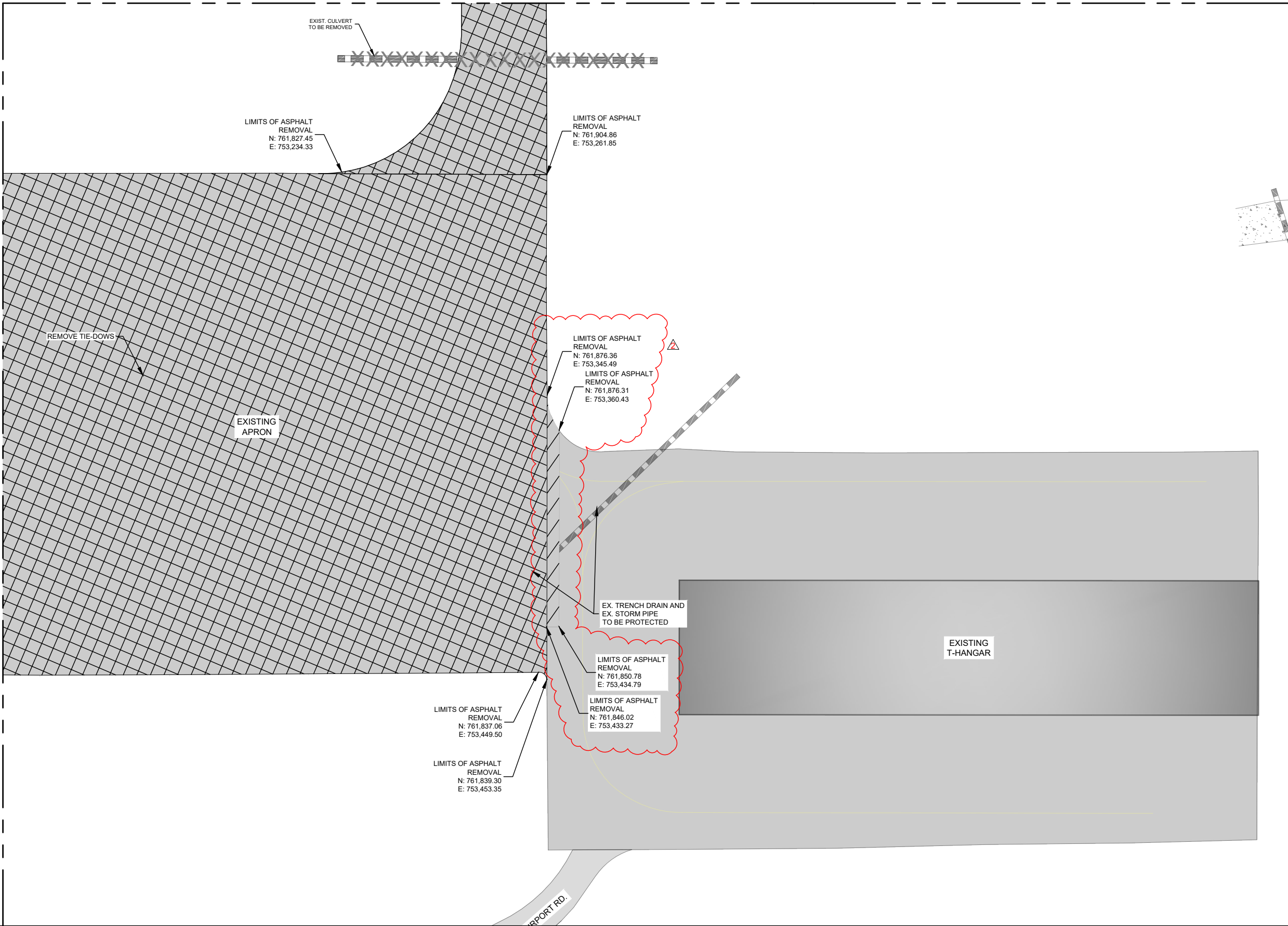


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MATCHLINE - STA.9+25 SEE SHEET C112

MATCHLINE - SEE SHEET C102

MATCHLINE - SEE SHEET C103

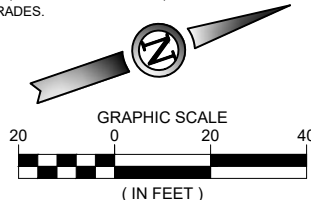


DEMOLITION LEGEND

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- CLEARING AND GRUBBING
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DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

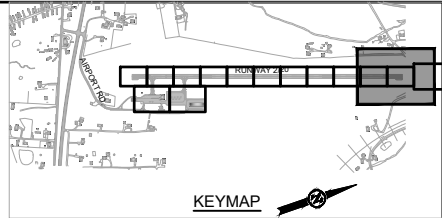
DEMOLITION PLAN  
STA. 9+25 TO 14+50  
RUNWAY 2/20

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274
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SHEET NAME  
C113  
SHEET NO.  
38 of 145



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38VDC24-060A-1 - Airport Reconstruction CAD PLAN 24-060A-1-C115-DEMOL.dwg

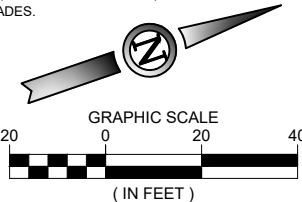


DEMOLITION LEGEND

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- BUILDING FOUNDATION REMOVAL
- LIMITS OF TREE REMOVAL
- XXXXXXX ITEM REMOVAL

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	L.K.K.	05/28/24	ISSUED FOR BID	
2	L.K.K.	06/06/2024	APPENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

DEMOLITION PLAN  
TREE REMOVAL

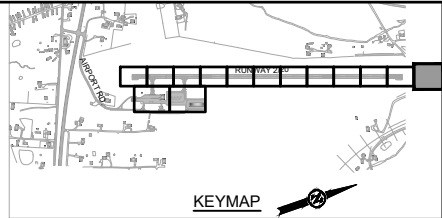
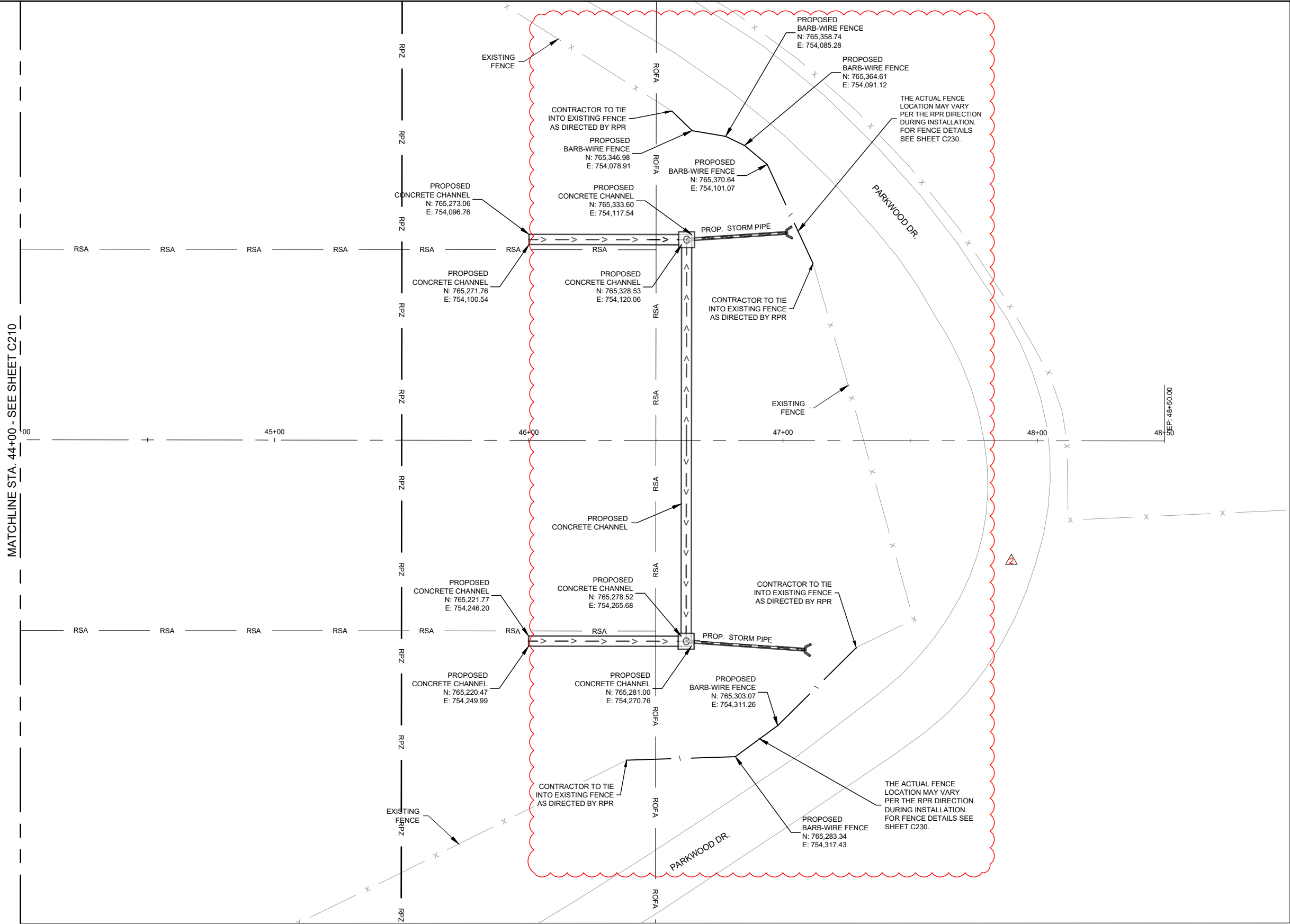
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274
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SHEET NAME  
C114  
SHEET NO.  
39 of 145



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\\C24-2406-1\apron\external\CD\PLANS\24-060A-1\_C210-CONTRACT.dwg

MATCHLINE STA. 44+00 - SEE SHEET C210

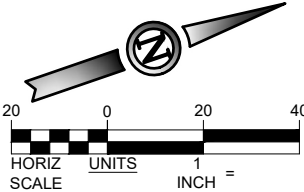


#### GEOMETRY LEGEND

- ASPHALT INSTALLATION (RUNWAY)  
(4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON)  
(4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- AIRCRAFT TIE DOWN

#### GEOMETRY NOTES

- CONTRACTOR TO USE SURVEY CONTROL POINTS AS SHOWN ON SHEET G006 SURVEY CONTROL LAYOUT.
- ALL LINE AND CURVE CALLOUTS ARE AT EDGE OF ASPHALT UNLESS OTHERWISE NOTED.
- THE GEOMETRY SHOWN ON THESE SHEETS REPRESENT THEORETICAL PAVEMENT EDGES FOR RUNWAY AND TAXIWAYS BASED ON ADVISORY CIRCULAR FOR AIRPORT DESIGN. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL MILL AND OVERLAY TO THE EXISTING ASPHALT PAVEMENT EDGES.
- SEE SHEETS G050 THRU G056 FOR CONSTRUCTION PHASING.
- SEE SHEETS C500 THRU C520 FOR UNDERDRAIN INFORMATION AND SHEETS C550 & C551 FOR UNDERDRAIN DETAILS.
- SEE SHEET C220 FOR TYPICAL PAVEMENT SECTIONS.
- SEE SHEETS C700 THRU C720 FOR PAVEMENT MARKING INFORMATION.
- ANY PAVEMENT DAMAGE DURING CONSTRUCTION OUTSIDE THE PROPOSED PROJECT REMOVAL LIMITS SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH RECONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES.



#### ISSUED FOR BID

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				







RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

GEOMETRY PLAN  
STA. 44+00 TO 48+50  
RUNWAY 2/20

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274
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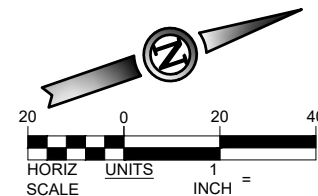
SHEET NAME  
C211  
SHEET NO.  
51 of 145



- |   |   |
|---|---|
|  | ASPHALT INSTALLATION (RUNWAY)<br>(4" APPROXIMATE DEPTH) |
|  | ASPHALT INSTALLATION (APRON)<br>(4" APPROXIMATE DEPTH)  |
|  | PROPOSED PARTIAL DEPTH ASPHALT<br>PAVEMENT              |
|  | PROPOSED GRAVEL INSTALLATION                            |
|  | PROPOSED CONCRETE CHANNEL                               |
|  | AIRCRAFT TIE DOWN                                       |

## GEOMETRY NOTES

1. CONTRACTOR TO USE SURVEY CONTROL POINTS AS SHOWN ON SHEET G006 SURVEY CONTROL LAYOUT.
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5. SEE SHEETS C500 THRU C520 FOR UNDERDRAIN INFORMATION AND SHEETS C550 & C551 FOR UNDERDRAIN DETAILS.
6. SEE SHEET C220 FOR TYPICAL PAVEMENT SECTIONS.
7. SEE SHEETS C700 THRU C720 FOR PAVEMENT MARKING INFORMATION.
8. ANY PAVEMENT DAMAGE DURING CONSTRUCTION OUTSIDE THE PROPOSED PROJECT REMOVAL LIMITS SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH RECONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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ISSUED FOR BID

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NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

The site plan illustrates the proposed expansion of the apron area at an airport. Key features include:

- EXISTING HANGAR**: Located on the left side of the plan.
- PROPOSED APRON**: A large rectangular area in the center-right, divided into sections by TSA and TOFA lines.
- TERMINAL BUILDING**: Situated at the bottom right corner.
- AIRPORT RD.**: The road running along the bottom edge of the plan.
- LIMITS OF ASPHALT**: Numerous callouts providing stationing (STA), offset (OS), radius (R), northings (N), and eastings (E) for various points along the apron's perimeter.
- PROPOSED TIEDOWN**: Two specific locations marked with dimensions (e.g., 25.00' (TYP.), 22.85' (TYP.)).
- EL(UG)** and **EL(OH)**: Elevation points indicated throughout the plan.
- TOFA** (Taxiway Outer Fringe Area) and **TSA** (Taxiway Safety Area) boundaries are clearly delineated.
- APRON CURVE TABLE (ASPHALT)**: A table in the bottom left corner detailing curve data.

CURVE	RADIUS	LENGTH	ANGLE	TANGENT
C1	15.00'	23.56'	90°00'00"	15.00'

APRON CURVE TABLE (ASPHALT)				
CURVE	RADIUS	LENGTH	ANGLE	TANGENT
C1	15.00'	23.56'	90°00'00"	15.00'



DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1
APP: L.K.K.				

# RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION

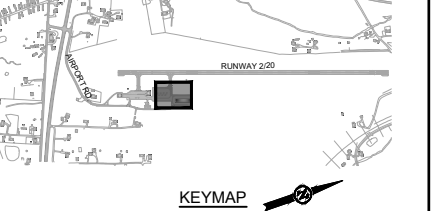
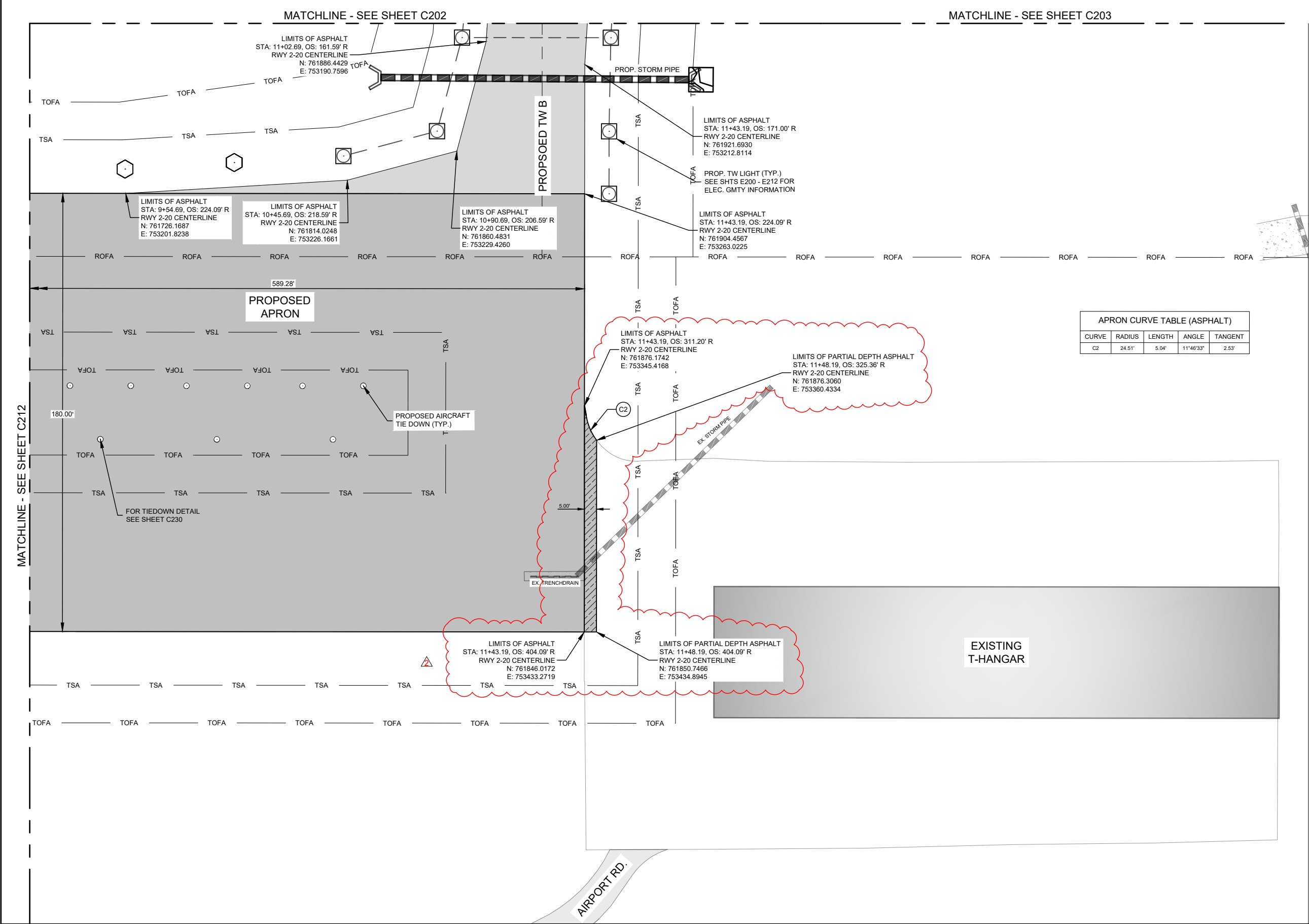
GEOMETRY PLAN  
STA. 4+00 TO 9+25  
RUNWAY 2/20

MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO. 1015274
-------------------------------

SHEET NAME	C212
SHEET NO.	52 of 145

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\\NVCC24-0006-1\apron\_reconstruction\CD\PLANS\028-BWC-23\_060A-1\_C213-GMTY.dwg

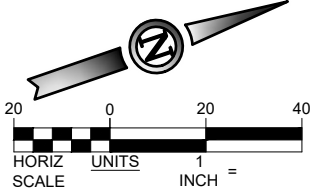


GEOMETRY LEGEND

- ASPHALT INSTALLATION (RUNWAY)  
(4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON)  
(4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT  
PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- AIRCRAFT TIE DOWN

GEOMETRY NOTES

- CONTRACTOR TO USE SURVEY CONTROL POINTS AS SHOWN ON SHEET G006 SURVEY CONTROL LAYOUT.
- ALL LINE AND CURVE CALLOUTS ARE AT EDGE OF ASPHALT UNLESS OTHERWISE NOTED.
- THE GEOMETRY SHOWN ON THESE SHEETS REPRESENT THEORETICAL PAVEMENT EDGES FOR RUNWAY AND TAXIWAYS BASED ON ADVISORY CIRCULAR FOR AIRPORT DESIGN. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL MILL AND OVERLAY TO THE EXISTING ASPHALT PAVEMENT EDGES.
- SEE SHEETS G050 THRU G056 FOR CONSTRUCTION PHASING.
- SEE SHEETS C500 THRU C520 FOR UNDERDRAIN INFORMATION AND SHEETS C550 & C551 FOR UNDERDRAIN DETAILS.
- SEE SHEET C220 FOR TYPICAL PAVEMENT SECTIONS.
- SEE SHEETS C700 THRU C720 FOR PAVEMENT MARKING INFORMATION.
- ANY PAVEMENT DAMAGE DURING CONSTRUCTION OUTSIDE THE PROPOSED PROJECT REMOVAL LIMITS SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH RECONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES.



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NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

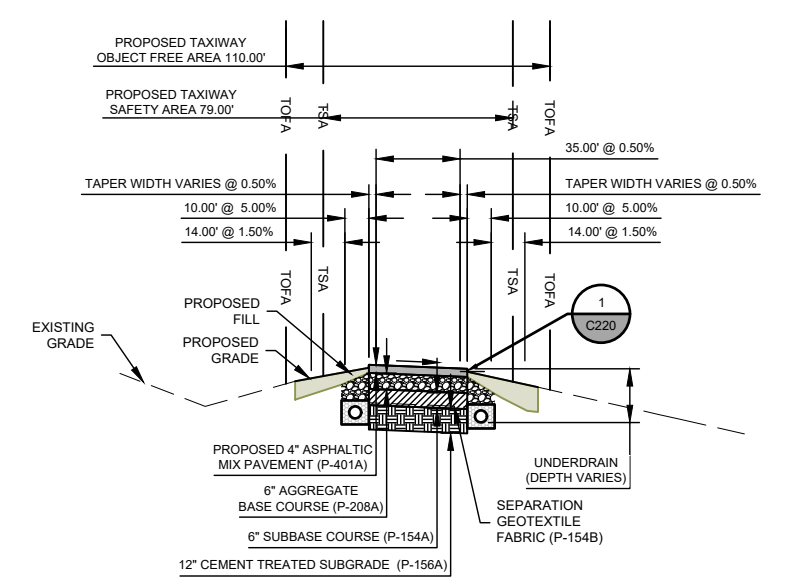


DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/06/2024	ADDENDUM NO. 1

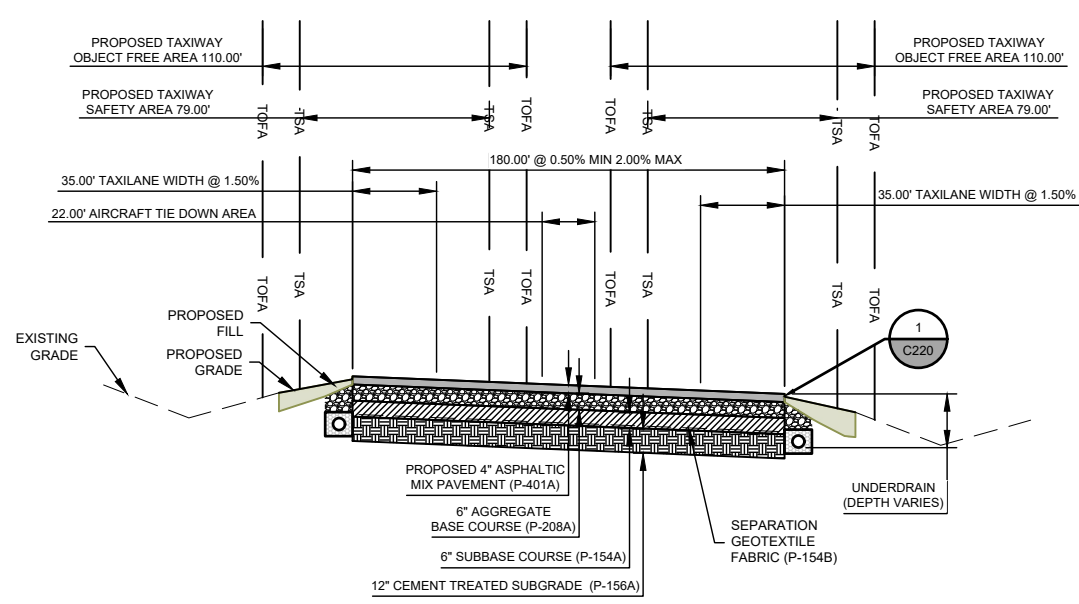
RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

GEOMETRY PLAN STA. 9+25 TO 14+50 RUNWAY 2/20		SHEET NAME C213
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	
		SHEET NO. 53 of 145





C TYPICAL SECTION - TAXIWAY A AND B  
NOT TO SCALE



D TYPICAL SECTION - APRON  
NOT TO SCALE

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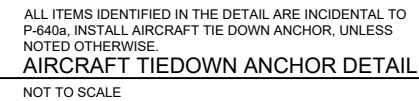
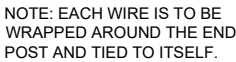
LAURA K. KOONCE202201201405/28/24  
NAMEREG. NO. DATE

FOR AND ON BEHALF OF WOOLPERT

NOTE: NEW SHEET HAS BEEN ADDED

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DES: N.B.B.	ISSUE RECORD				RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION	PAVEMENT TYPICAL SECTIONS	MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NAME
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION					C221
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID					SHEET NO.
APP: L.K.K.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1		55 of 145			



NOT TO SCALE



### FENCE SIGN NOTES

- FENCE NOTES:

1. CONTRACTOR SHALL INSTALL FENCE TO MATCH EXISTING FENCE DIMENSIONS, OR AS DIRECTED BY RPR.
2. END, CORNER, ANCHOR, BRACE, AND GATE POSTS SHALL BE WOOD AND IN CONFORMANCE WITH SECTION F-160-2.3.
3. LINE POSTS SHALL BE METAL AND IN CONFORMANCE WITH FEDERAL SPECIFICATION RR-F-191.
4. STAPLES SHALL BE IN CONFORMANCE WITH SECTION F-160-2.5.
5. FOR BRACE WIRES, USE TWO LOOPS OF WIRE TWISTED TIGHT WITH A SHORT STICK OR BOARD. LEAVE IN PLACE FOR FUTURE TIGHTENING.
6. FENCE HEIGHT IS TO BE 5-FOOT ABOVE GROUND OR MATCHING TO EXISTING FENCE HEIGHT.
7. GATES SHALL BE IN CONFORMANCE WITH SECTION F-160-2.2.

1. SIGNS SHALL PROVIDED BY AIRPORT.
2. TEN (10) SIGNS SHALL BE INSTALLED BY CONTRACTOR AS DIRECTED BY RPR.
3. INSTALLATION OF SIGNS INCIDENTAL TO F-160a

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NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
APP: L.K.K.				

# RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION

## MISCELLANEOUS DETAILS

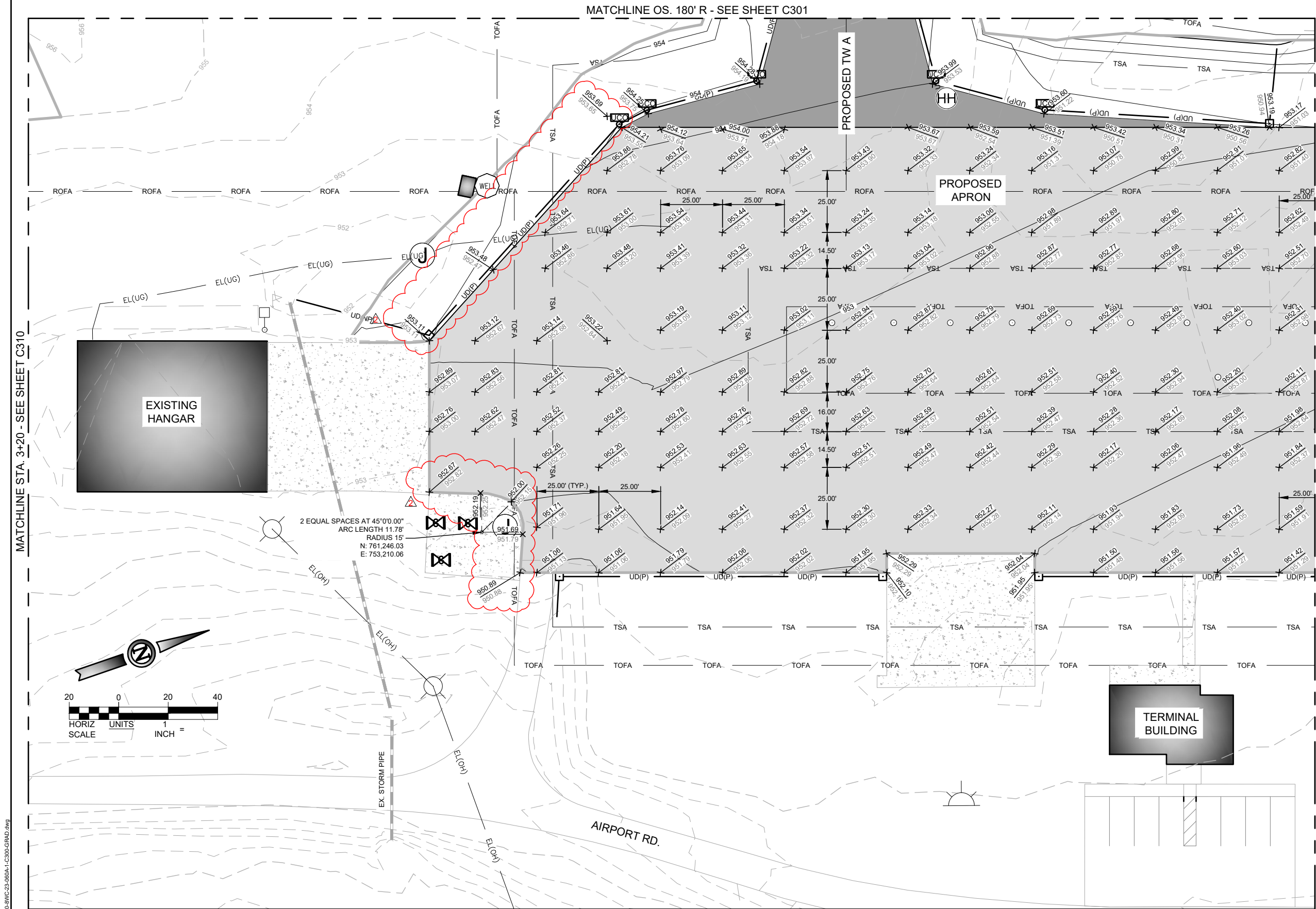
MoDOT PROJ. NO.	24-060A-1 & 24-060A-2
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WOOLPERT PROJ. NO.  
1015274

SHEET NAME  
C230

SHEET NO.

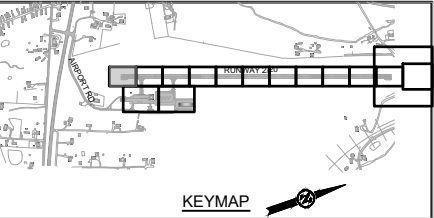
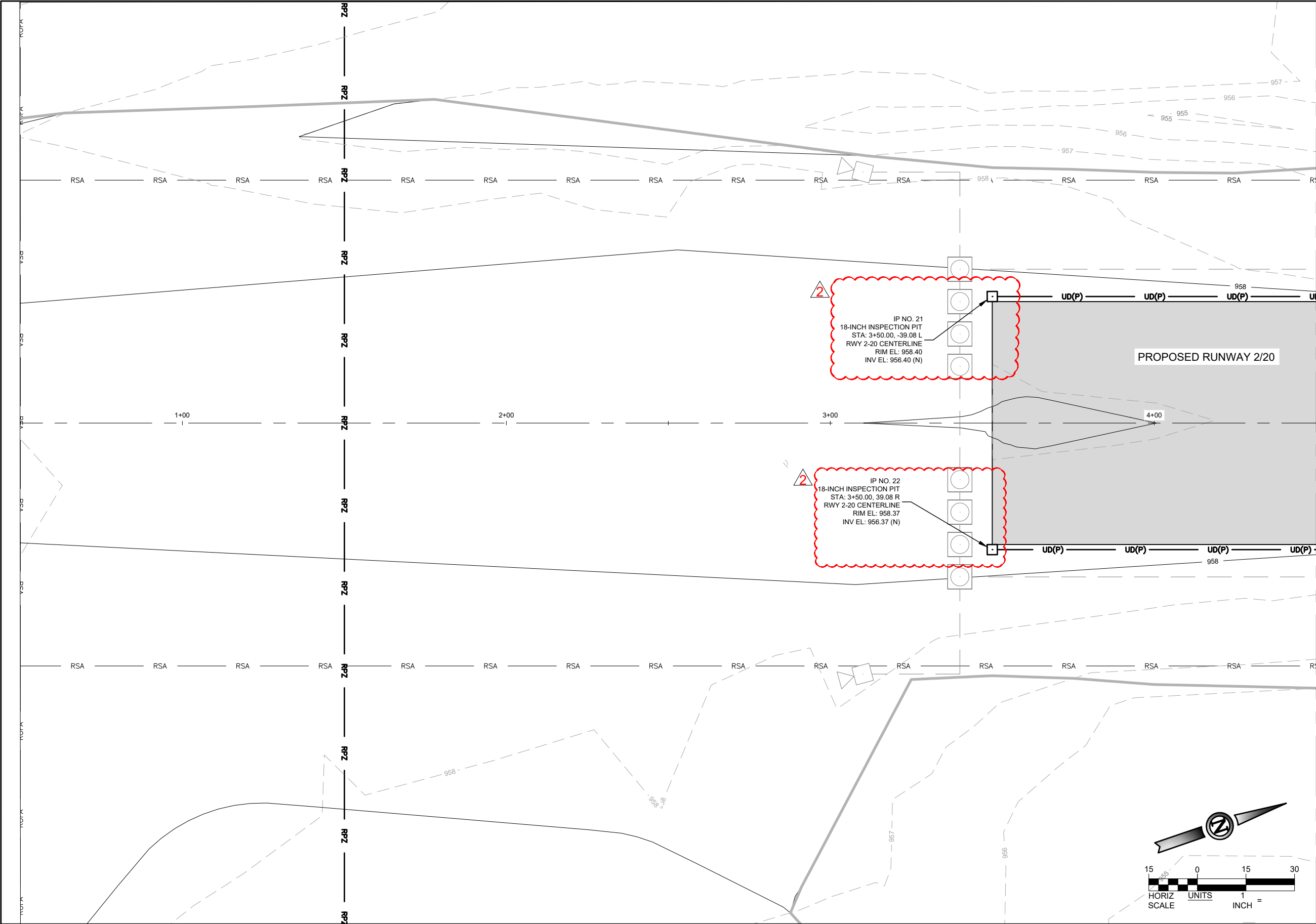
56 of 145







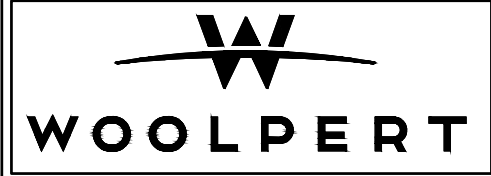
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UNDERDRAIN LEGEND	
	ASPHALT INSTALLATION (RUNWAY) (4\"/>
	ASPHALT INSTALLATION (APRON) (4\"/>
	PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
	PROPOSED GRAVEL INSTALLATION
	PROPOSED CONCRETE CHANNEL
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	SWALE FLOW LINE
	PERFORATED UNDERDRAIN PIPE
	NON-PERFORATED UNDERDRAIN PIPE
	UNDERDRAIN CLEANOUT
	UNDERDRAIN INSPECTION PIT
	RIPRAP PAD

- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

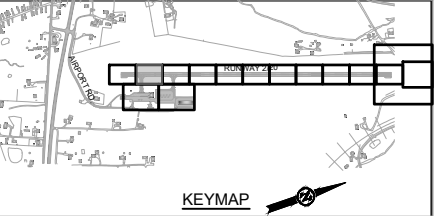
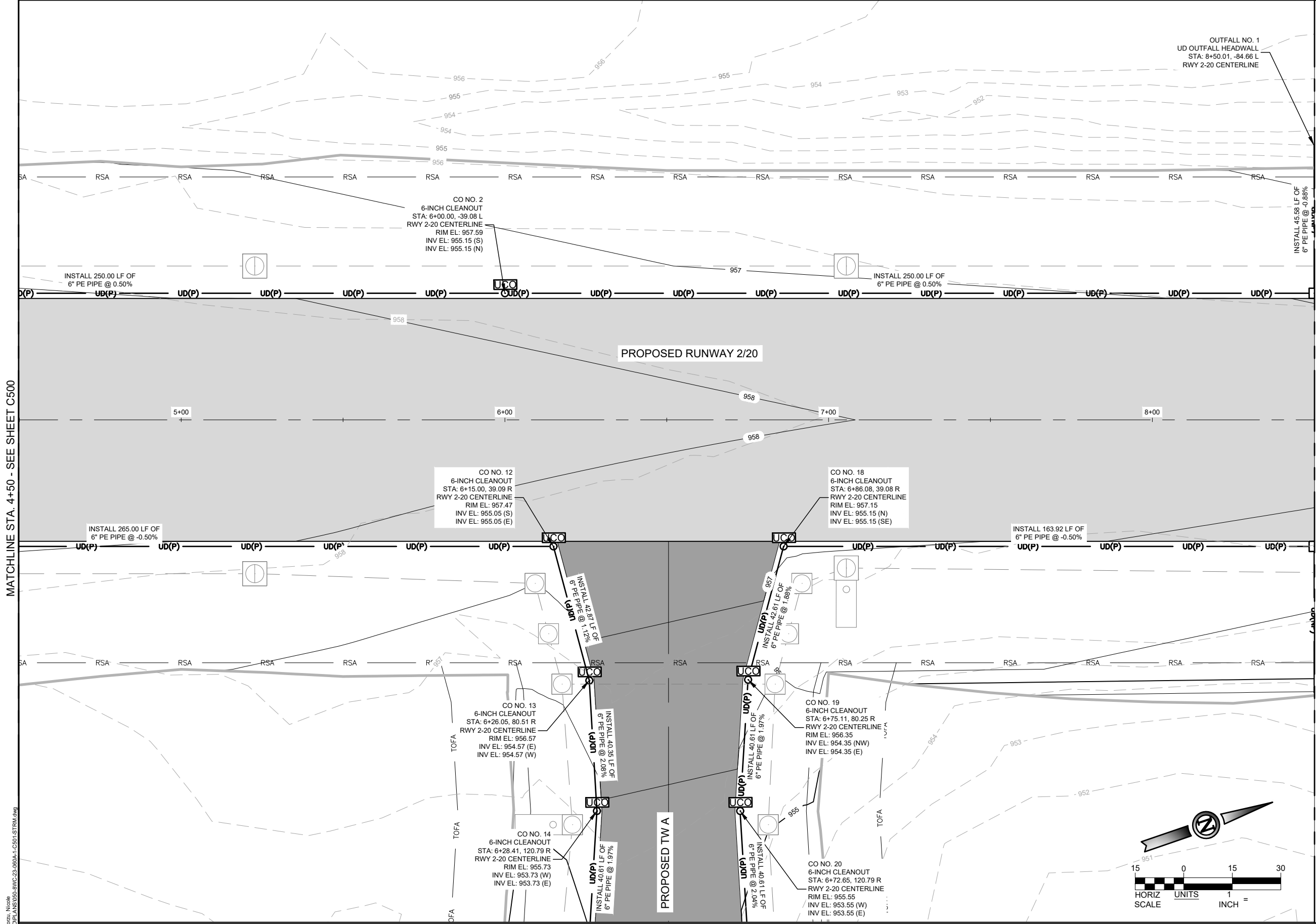
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NAME	REG. NO.	DATE
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	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 0+00 TO 4+50 RUNWAY 2/20		SHEET NAME C500
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	
		SHEET NO. 79 of 145



**UNDERDRAIN LEGEND**

- ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SWALE FLOW LINE
- PERFORATED UNDERDRAIN PIPE
- NON-PERFORATED UNDERDRAIN PIPE
- UNDERDRAIN CLEANOUT
- RIPRAP PAD
- UNDERDRAIN INSPECTION PIT

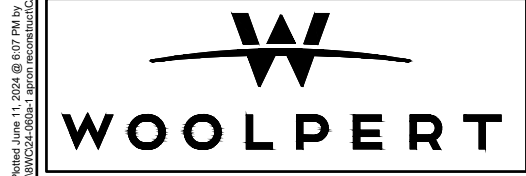
- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

NOTE: ENTIRE SHEET HAS BEEN REVISED

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NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



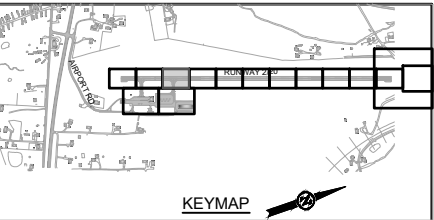
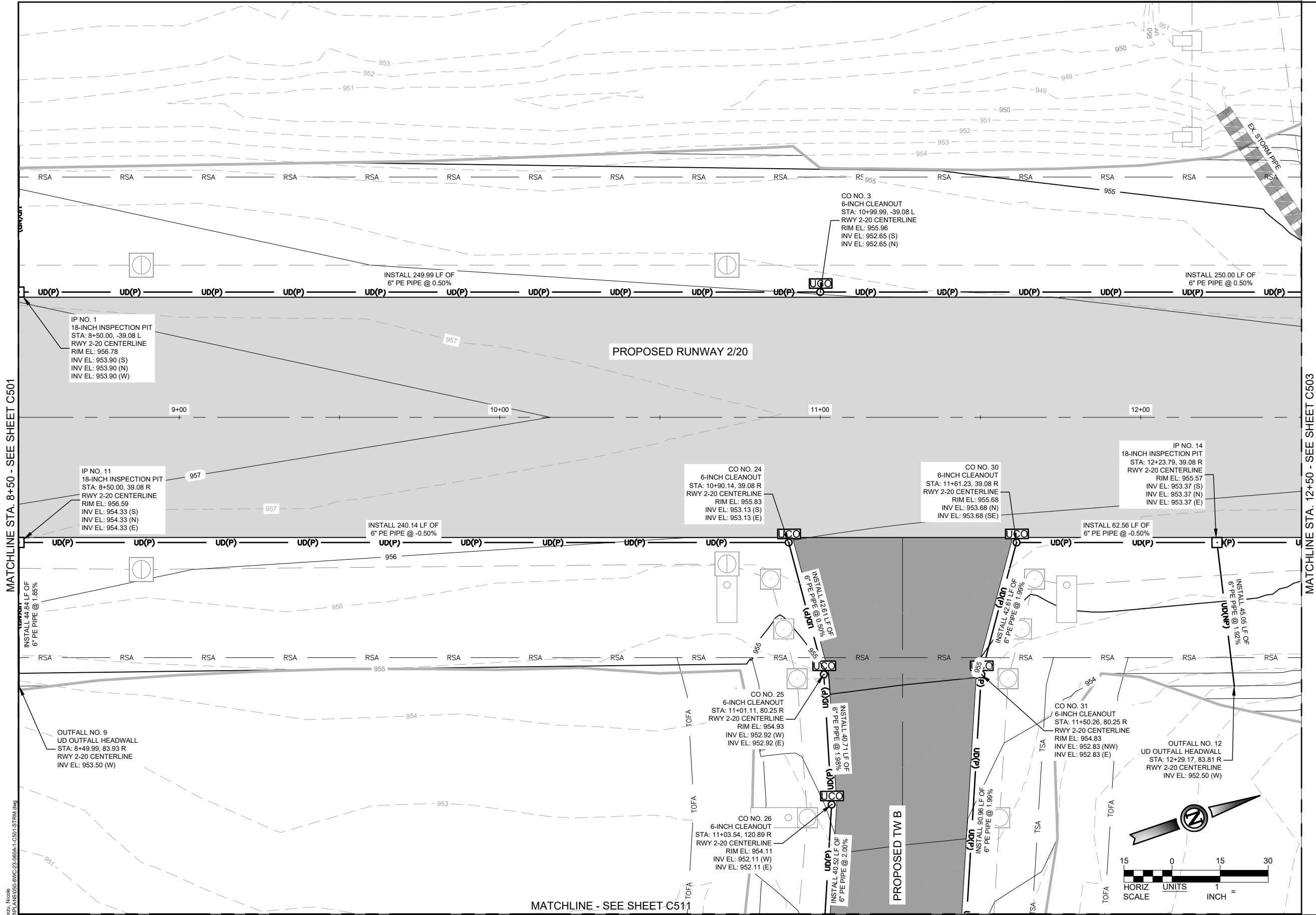
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NO.	BY	DATE	DESCRIPTION	
1	L.K.K.	05/28/24	ISSUED FOR BID	
2	L.K.K.	06/11/2024	ADDENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN  
STA. 4+50 TO 8+50  
RUNWAY 2/20

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NAME C501
		SHEET NO. 80 of 145

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**UNDERDRAIN LEGEND**

- ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SWALE FLOW LINE
- PERFORATED UNDERDRAIN PIPE
- NON-PERFORATED UNDERDRAIN PIPE
- UNDERDRAIN CLEANOUT
- RIPRAP PAD
- UNDERDRAIN INSPECTION PIT

- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
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NOTE: ENTIRE SHEET HAS BEEN REVISED

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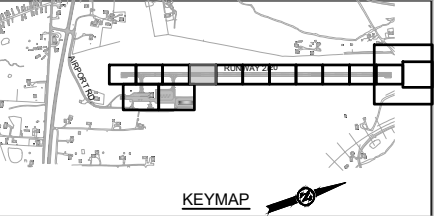
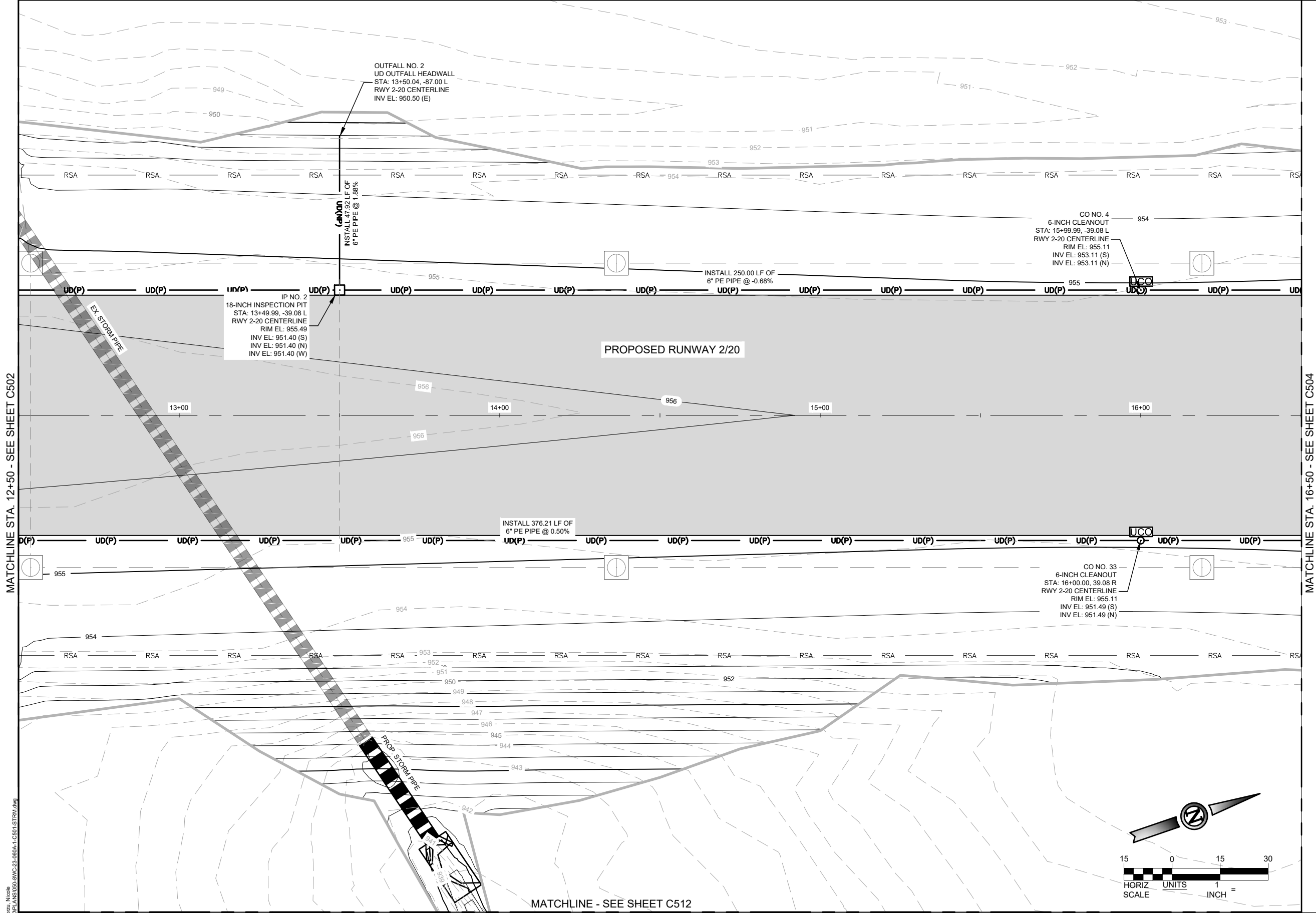
LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	L.K.K.	05/28/24	ISSUED FOR BID	
2	L.K.K.	06/11/2024	ADDENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 8+50 TO 12+50 RUNWAY 2/20		SHEET NO. 81 of 145
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	



**UNDERDRAIN LEGEND**

- ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SWALE FLOW LINE
- PERFORATED UNDERDRAIN PIPE
- NON-PERFORATED UNDERDRAIN PIPE
- UNDERDRAIN CLEANOUT
- RIPRAP PAD
- UNDERDRAIN INSPECTION PIT

- UNDERDRAIN NOTES**
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  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

NOTE: ENTIRE SHEET HAS BEEN REVISED

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NAME	REG. NO.	DATE

FOR AND ON BEHALF OF WOOLPERT

DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1

**RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION**

**UNDERDRAIN PLAN**  
STA. 12+50 TO 16+50  
RUNWAY 2/20

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO. 1015274

**SHEET NAME**  
C503

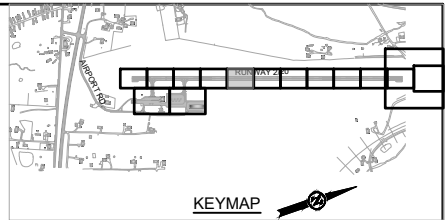
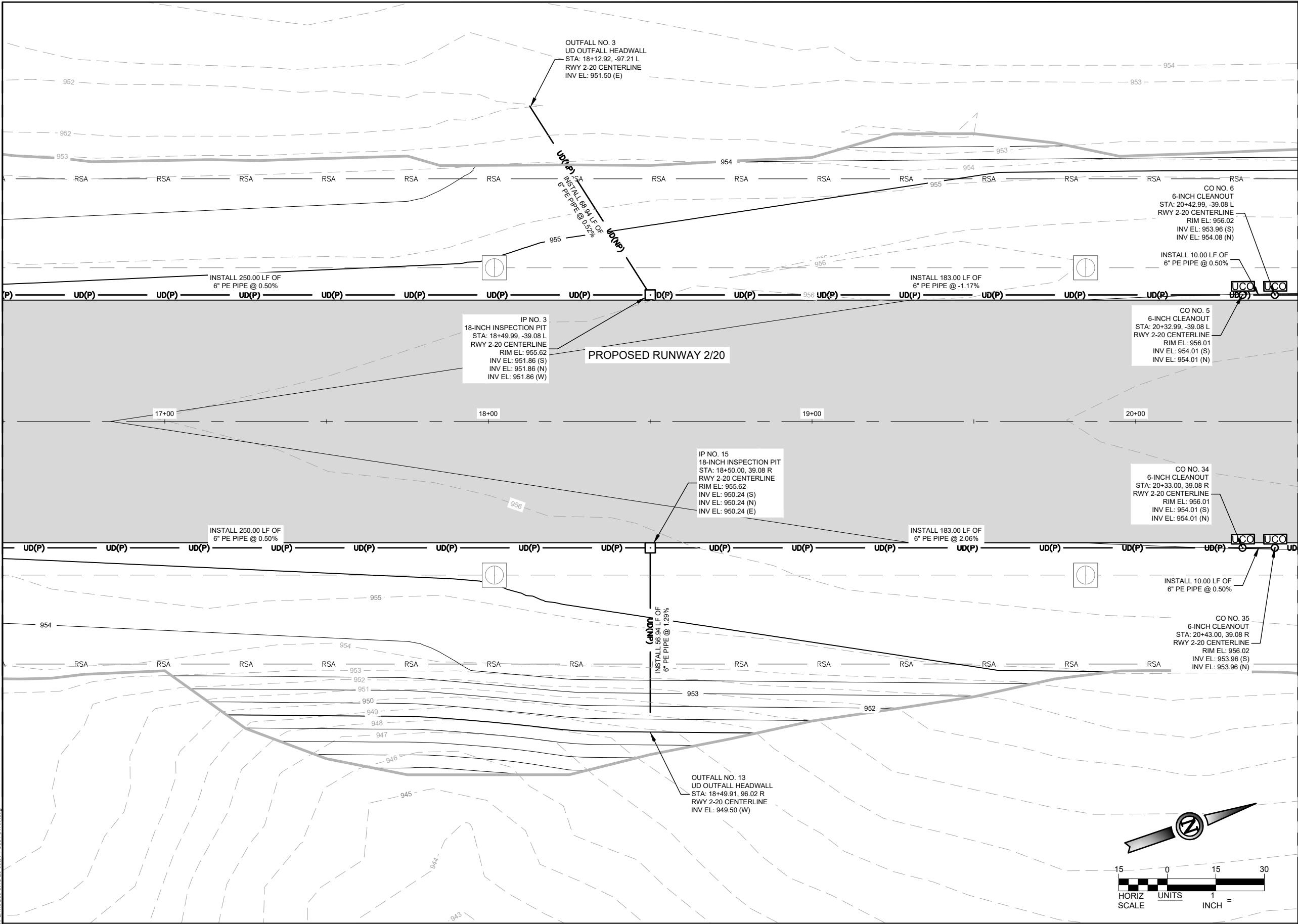
**SHEET NO.**  
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MATCHLINE STA. 16+50 - SEE SHEET C503

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**UNDERDRAIN LEGEND**

	ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
	ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
	PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
	PROPOSED GRAVEL INSTALLATION
	PROPOSED CONCRETE CHANNEL
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	SWALE FLOW LINE
	PERFORATED UNDERDRAIN PIPE
	NON-PERFORATED UNDERDRAIN PIPE
	UNDERDRAIN CLEANOUT
	UNDERDRAIN INSPECTION PIT
	RIPRAP PAD

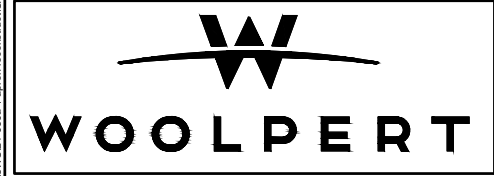
- UNDERDRAIN NOTES**
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  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

NOTE: ENTIRE SHEET HAS BEEN REVISED

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NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



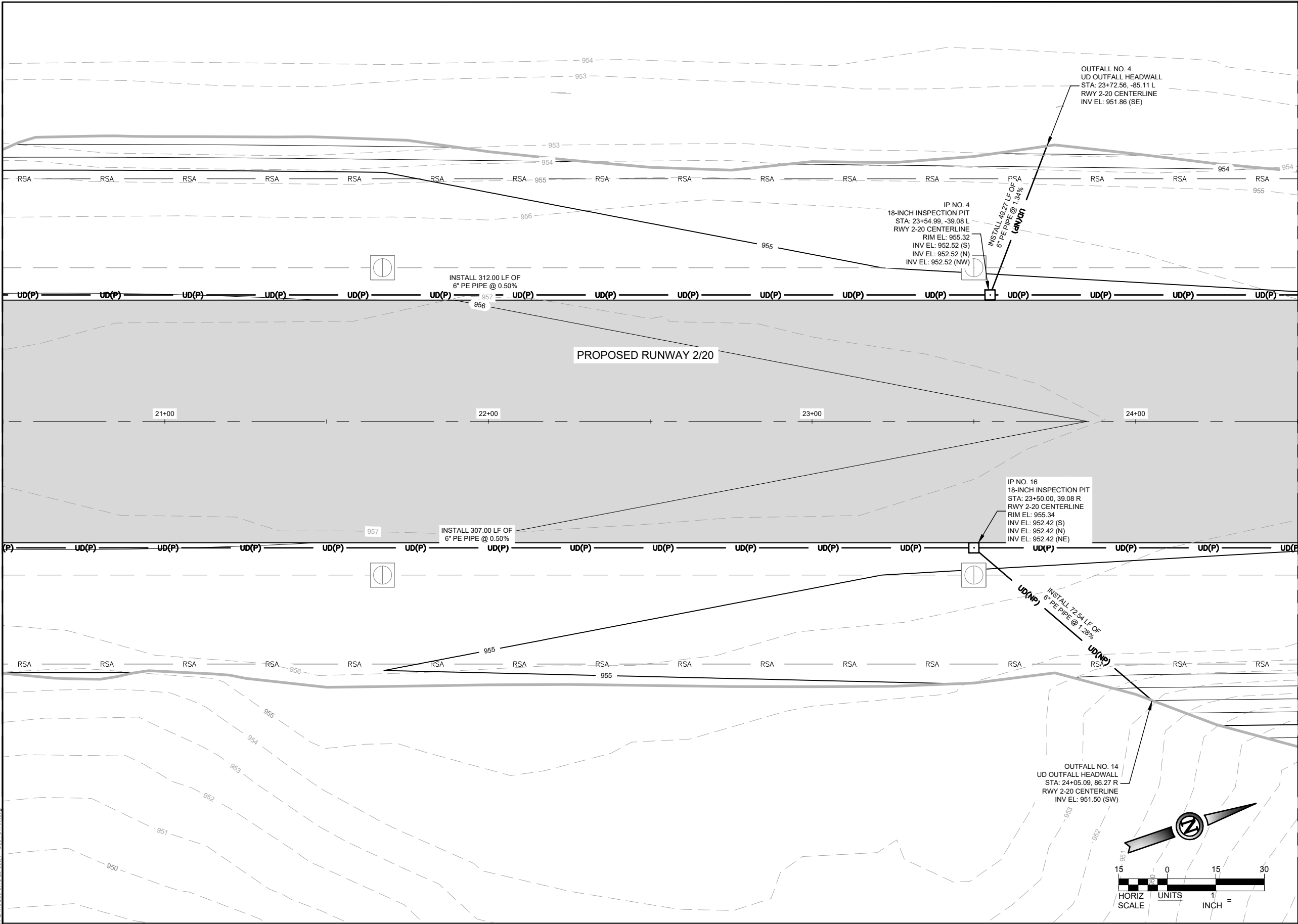
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DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

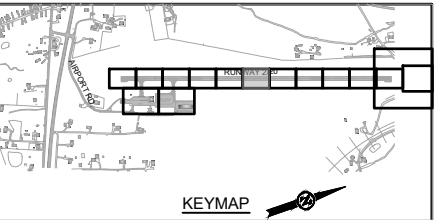
UNDERDRAIN PLAN STA. 16+50 TO 20+50 RUNWAY 2/20		SHEET NAME C504
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	

MATCHLINE STA. 20+00 - SEE SHEET C504

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MATCHLINE STA. 24+50 - SEE SHEET C506



**UNDERDRAIN LEGEND**

	ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
	ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
	PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
	PROPOSED GRAVEL INSTALLATION
	PROPOSED CONCRETE CHANNEL
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	SWALE FLOW LINE
	UD(P)
	UD(NP)
	UNDERDRAIN CLEANOUT
	RIPRAP PAD
	UNDERDRAIN INSPECTION PIT

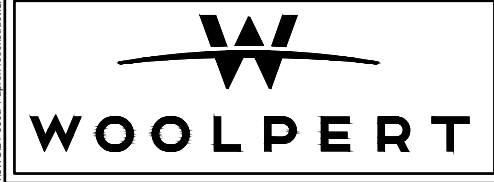
- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

NOTE: ENTIRE SHEET HAS BEEN REVISED

**ISSUED FOR BID**

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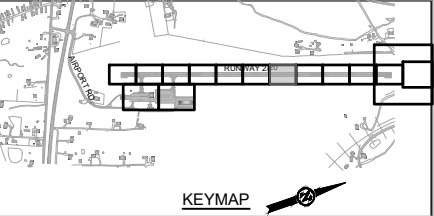
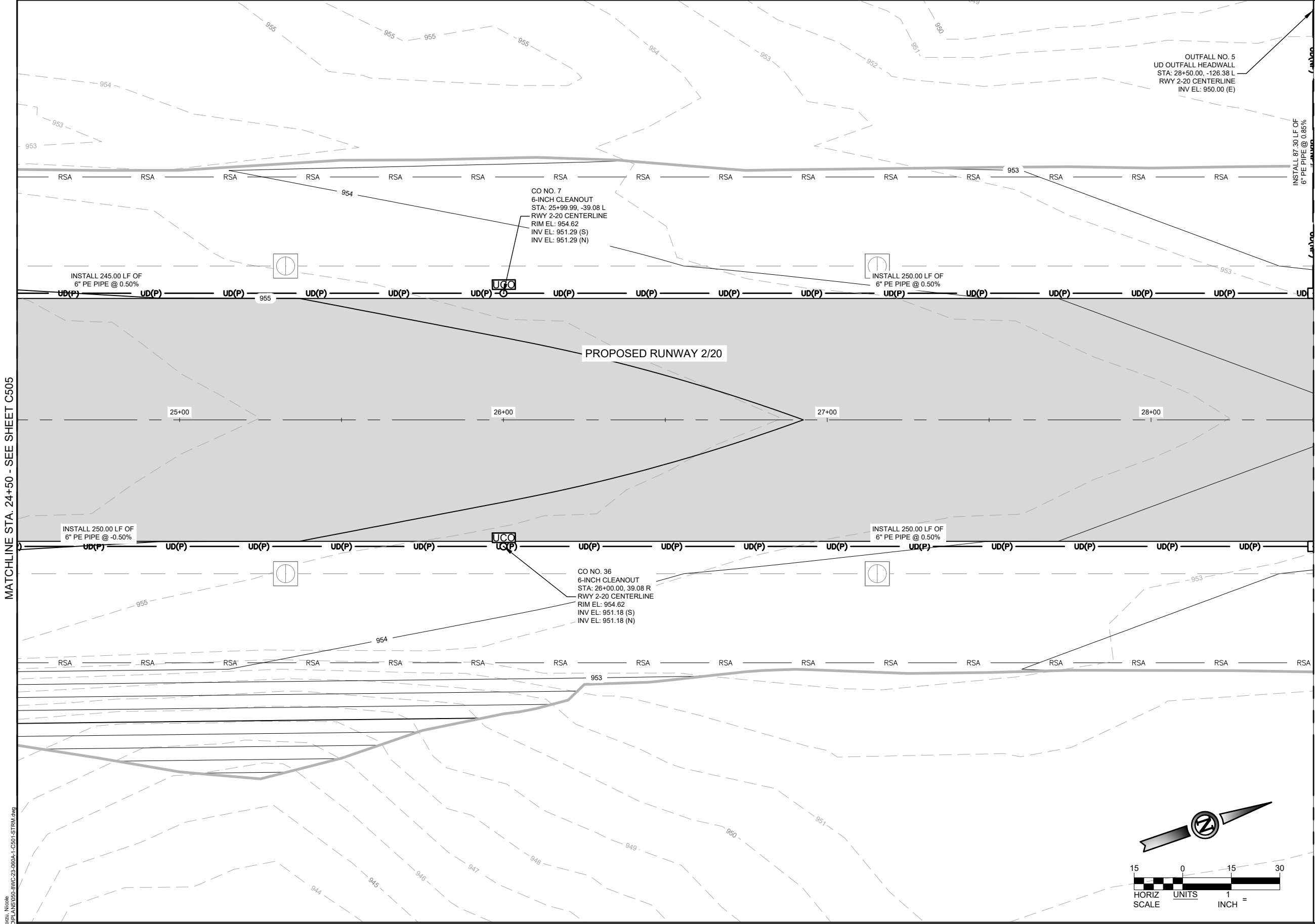
LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 20+50 TO 24+50 RUNWAY 2/20		SHEET NAME C505
SHEET NO. 84 of 145		
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	



**UNDERDRAIN LEGEND**

- ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SWALE FLOW LINE
- PERFORATED UNDERDRAIN PIPE
- NON-PERFORATED UNDERDRAIN PIPE
- UNDERDRAIN CLEANOUT
- RIPRAP PAD
- UNDERDRAIN INSPECTION PIT

- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

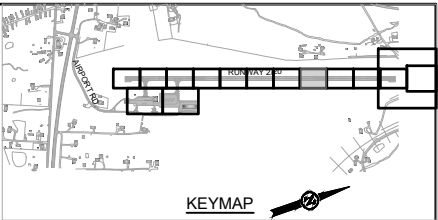
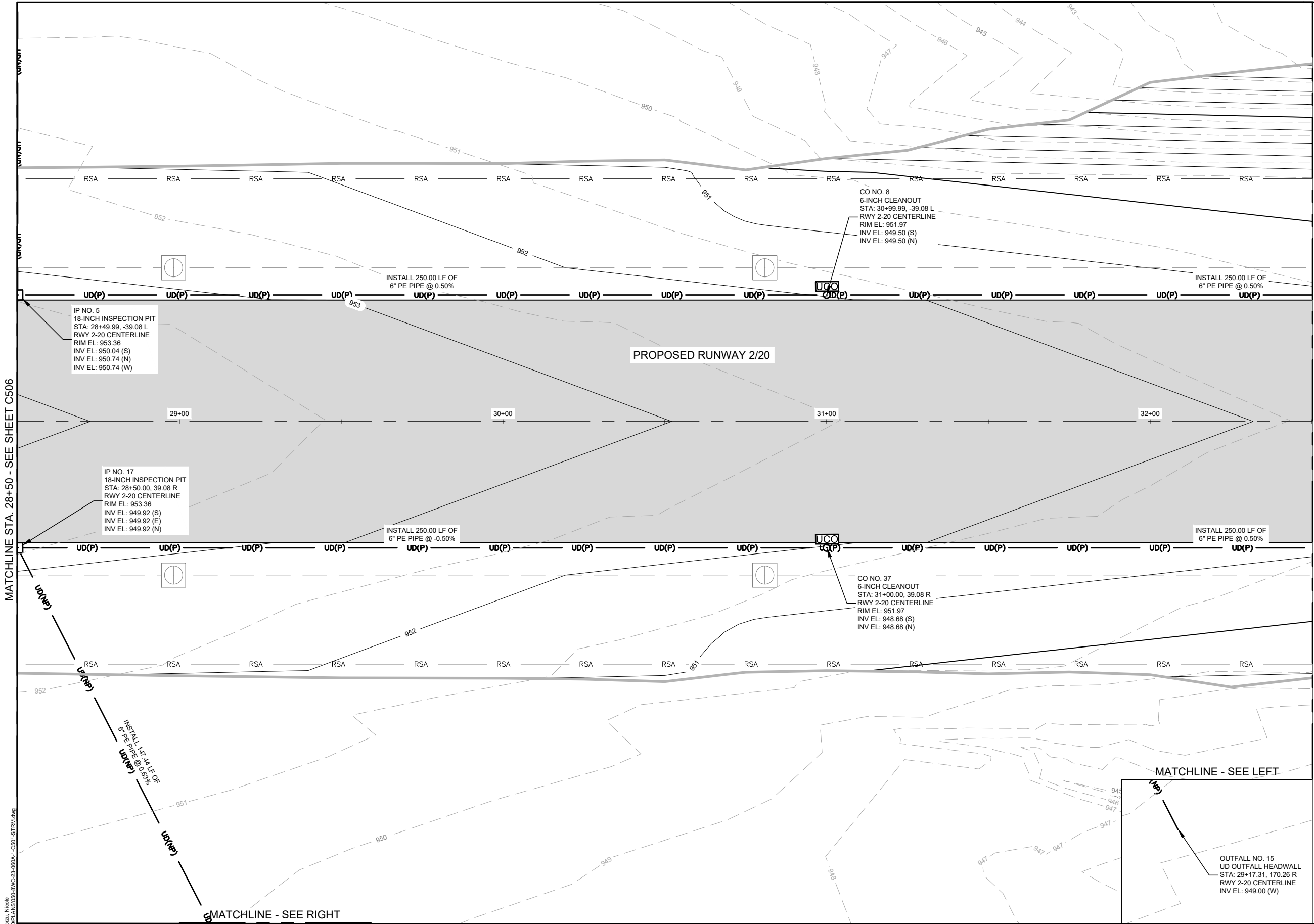


DES: F.Z.D.	ISSUE RECORD			
DR: N.B.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 24+50 TO 28+50 RUNWAY 2/20		SHEET NAME C506
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	
		SHEET NO. 85 of 145

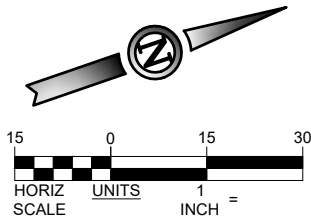
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\\VCD24-060A-1\apron\_reconstruction\CD\DWG\ANSI\24-060A-1\_C506-1.dwg



**UNDERDRAIN LEGEND**

- ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SWALE FLOW LINE
- PERFORATED UNDERDRAIN PIPE
- NON-PERFORATED UNDERDRAIN PIPE
- UNDERDRAIN CLEANOUT
- RIPRAP PAD
- UNDERDRAIN INSPECTION PIT

- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.



NOTE: ENTIRE SHEET HAS BEEN REVISED

**ISSUED FOR BID**

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

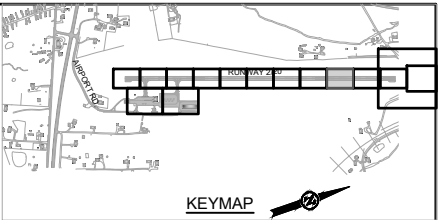
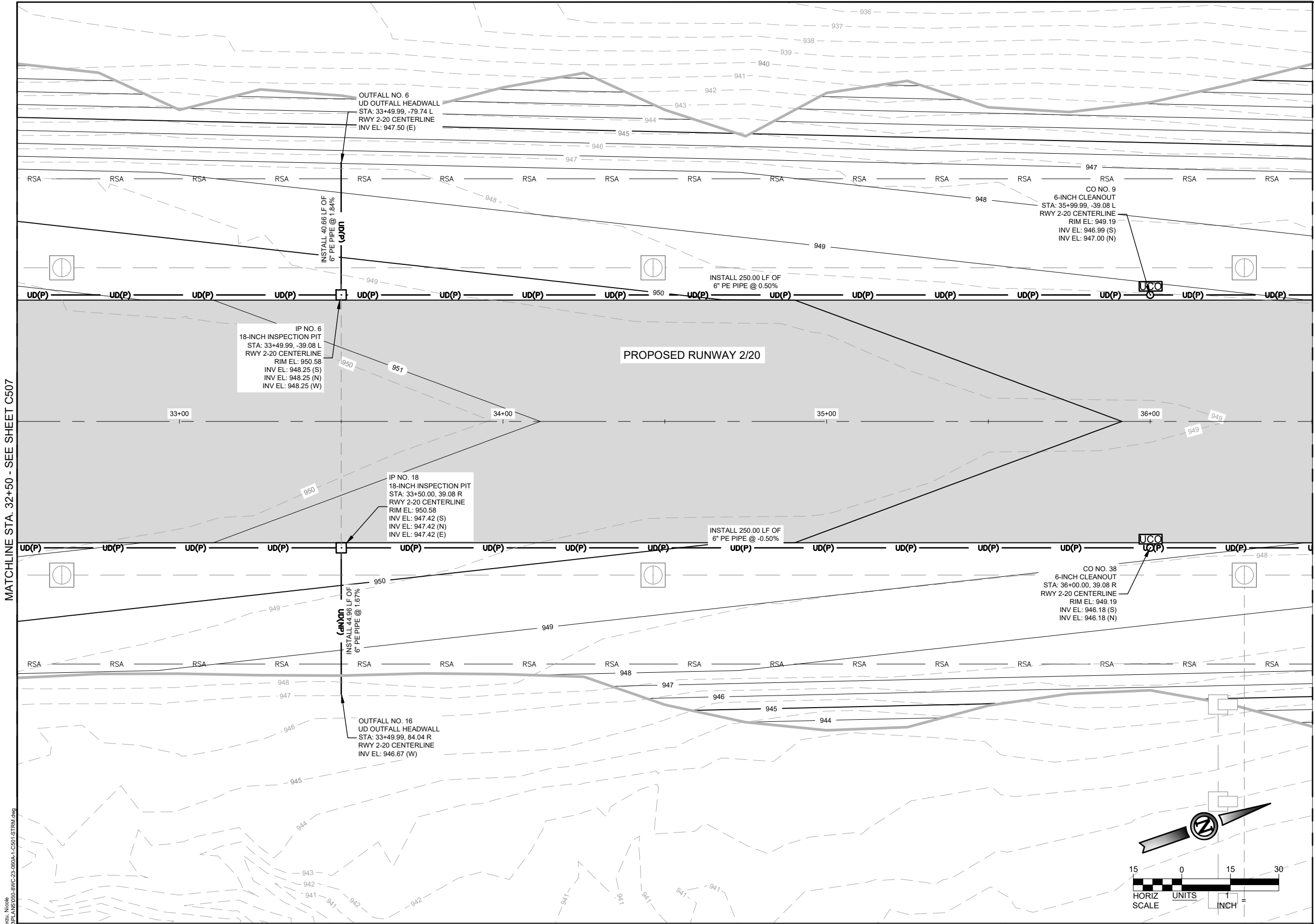


DES: F.Z.D.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: N.B.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 28+50 TO 32+50 RUNWAY 2/20		SHEET NAME C507
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	
		SHEET NO. 86 of 145





UNDERDRAIN LEGEND	
	ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
	ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
	PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
	PROPOSED GRAVEL INSTALLATION
	PROPOSED CONCRETE CHANNEL
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	SWALE FLOW LINE
	UD(P)
	UD(NP)
	UNDERDRAIN CLEANOUT
	UNDERDRAIN INSPECTION PIT
	RIPRAP PAD

- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

NOTE: ENTIRE SHEET HAS BEEN REVISED

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	L.K.K.	05/28/24	ISSUED FOR BID	
2	L.K.K.	06/11/2024	ADDENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

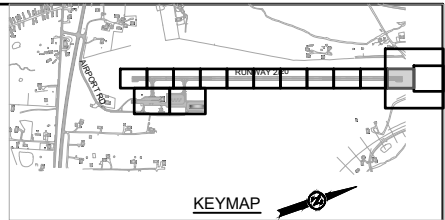
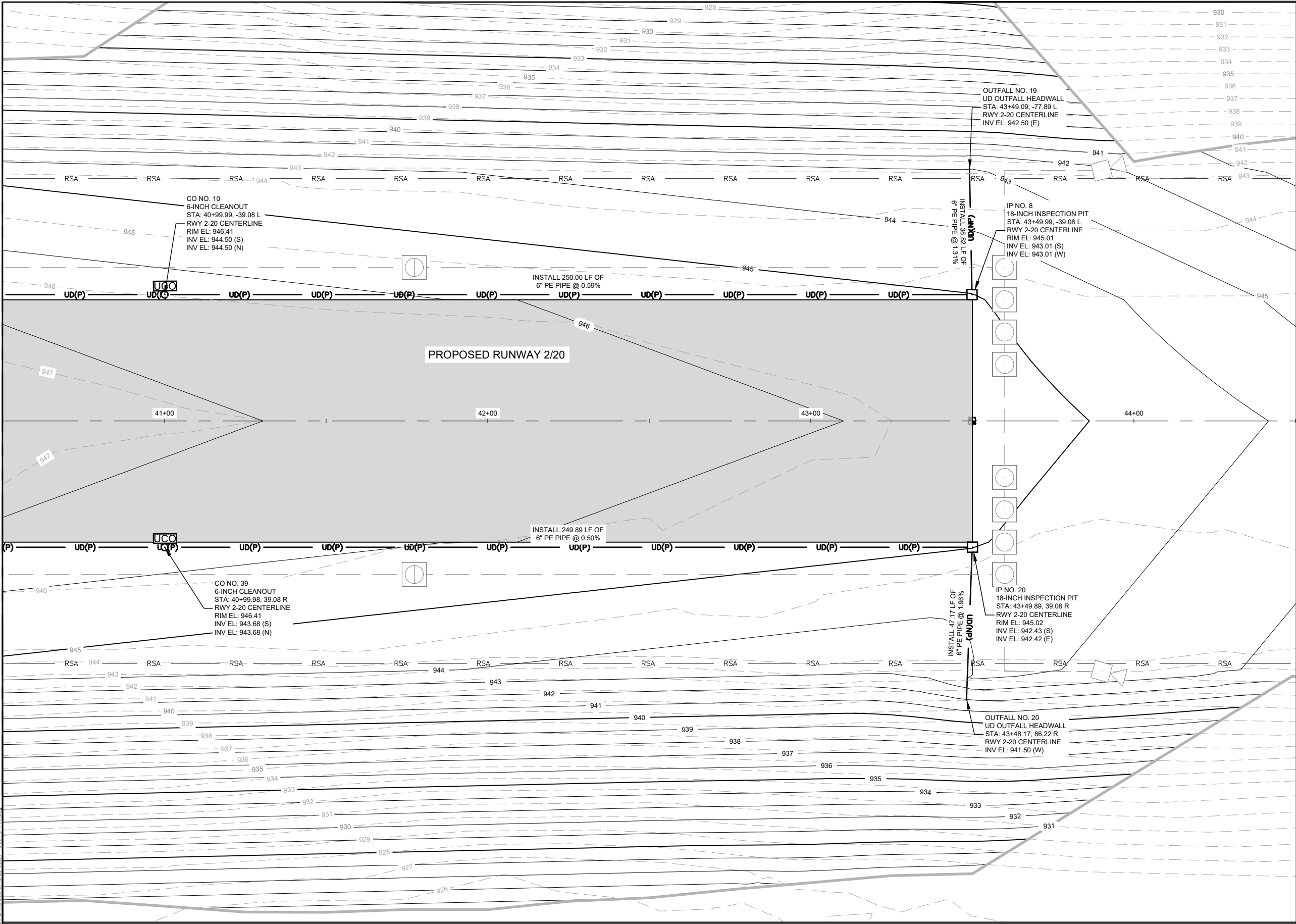
UNDERDRAINPLAN STA. 32+50 TO 36+50 RUNWAY 2/20		SHEET NAME C508
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NO. 87 of 145

Printed June 11, 2024 @ 6:07 PM by Borzu, Nicole  
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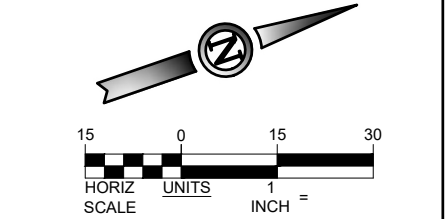
MATCHLINE STA. 40+50 - SEE SHEET C509



**UNDERDRAIN LEGEND**

- ASPHALT INSTALLATION (RUNWAY) (4" APPROXIMATE DEPTH)
- ASPHALT INSTALLATION (APRON) (4" APPROXIMATE DEPTH)
- PROPOSED PARTIAL DEPTH ASPHALT PAVEMENT
- PROPOSED GRAVEL INSTALLATION
- PROPOSED CONCRETE CHANNEL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SWALE FLOW LINE
- PERFORATED UNDERDRAIN PIPE
- NON-PERFORATED UNDERDRAIN PIPE
- UNDERDRAIN CLEANOUT
- RIPRAP PAD
- UNDERDRAIN INSPECTION PIT

- UNDERDRAIN NOTES**
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

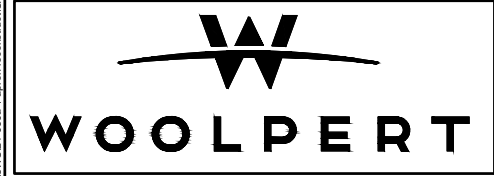


NOTE: ENTIRE SHEET HAS BEEN REVISED

**ISSUED FOR BID**

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: F.Z.D.	ISSUE RECORD				
	NO.	BY	DATE	DESCRIPTION	
DR: N.B.B.	1	L.K.K.	05/28/24	ISSUED FOR BID	
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1	
CH: C.L.G.					
APP: L.K.K.					

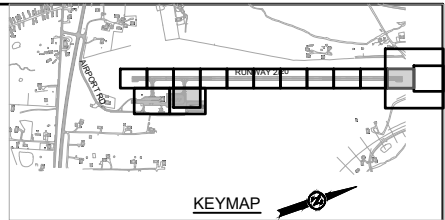
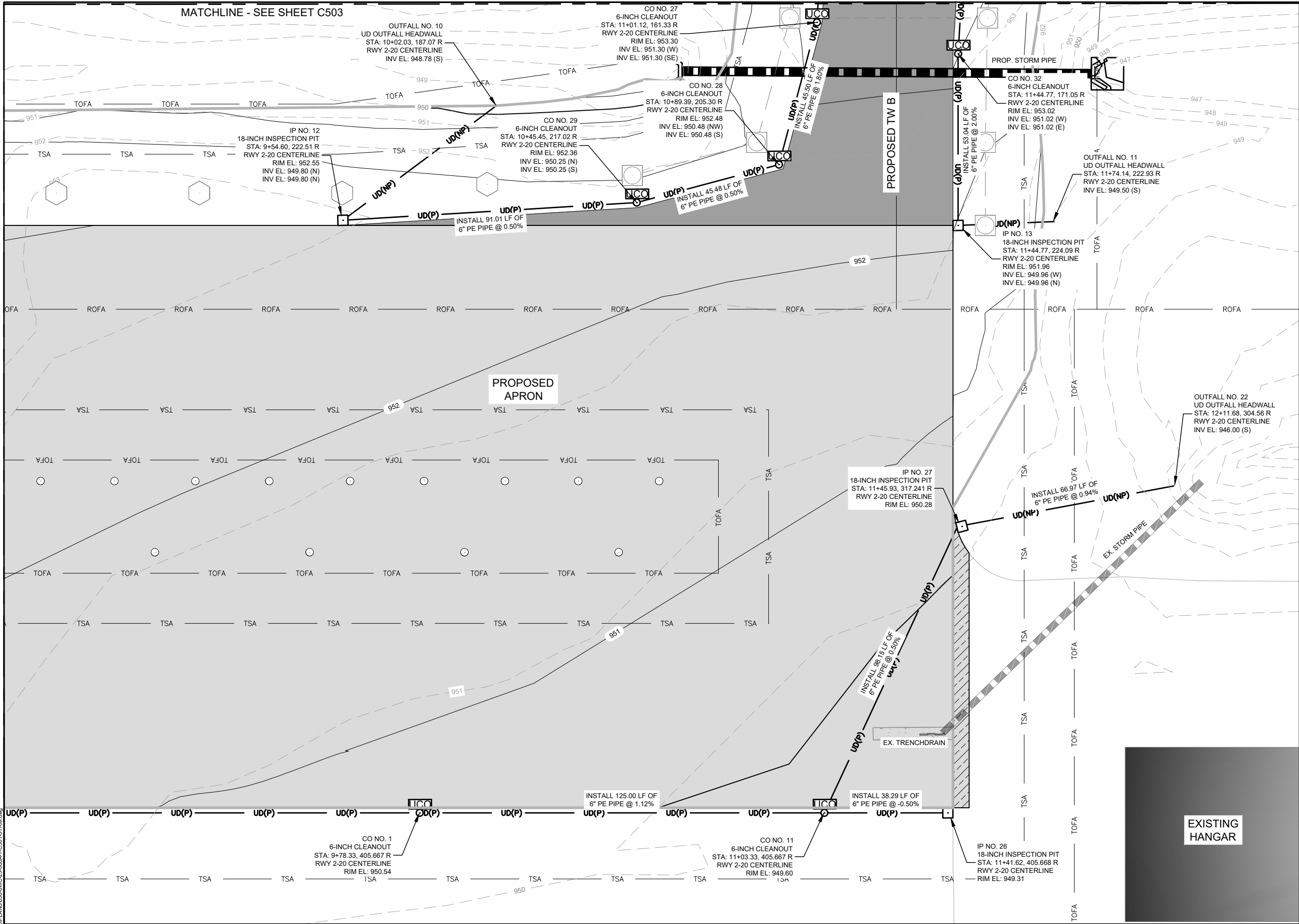
RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 40+50 TO 44+50 RUNWAY 2/20		SHEET NAME C510
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	
		SHEET NO. 89 of 145



MATCHLINE STA. 8+50 - SEE SHEET C511

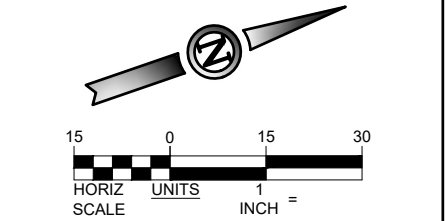
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\\CVC24-2006-1\apron reconstruction\CD\PLAN\505-8\WC-23-060A-1-C512-1-STRM.dwg



### UNDERDRAIN LEGEND

	ASPHALT INSTALLATION (RUNWAY) (4\"/>
--	---

- ### UNDERDRAIN NOTES
- CONTRACTOR TO VERIFY CONNECTIONS TO EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - CONTRACTOR TO COORDINATE UNDERDRAIN CROSSINGS WITH ELECTRICAL AND OTHER UTILITIES IN THE VICINITY TO ELIMINATE POTENTIAL CONFLICTS.

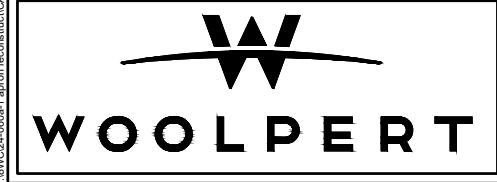


NOTE: ENTIRE SHEET HAS BEEN REVISED

### ISSUED FOR BID

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

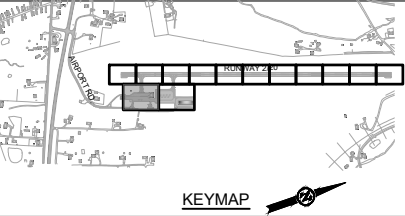
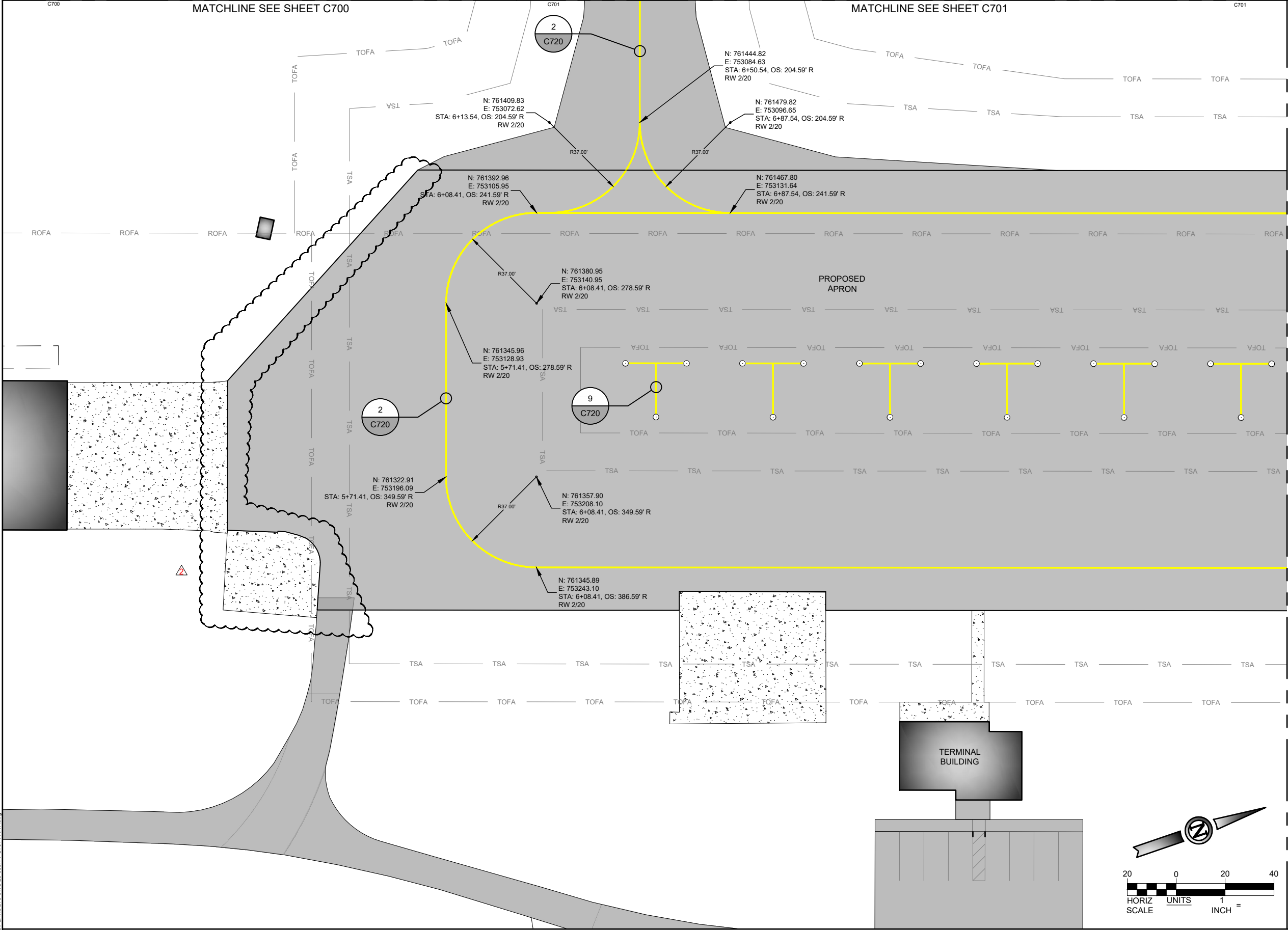


DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID
APP: L.K.K.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

UNDERDRAIN PLAN STA. 8+50 TO 12+50 RUNWAY 2/20		SHEET NAME C512
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	





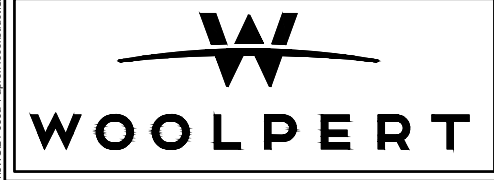
AIRSIDE PAINT MARKINGS LEGEND		
EXIST.	ASPHALT	
	EXISTING PAINT	
PROPOSED	PROPOSED YELLOW PAINT	
	PROPOSED WHITE PAINT	
	PROPOSED BLACK PAINT	

- GENERAL MARKING NOTES**
- SEE SHEET C720 FOR PAVEMENT MARKING DETAILS AND GENERAL MARKING NOTES.

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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

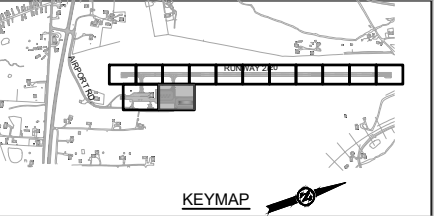
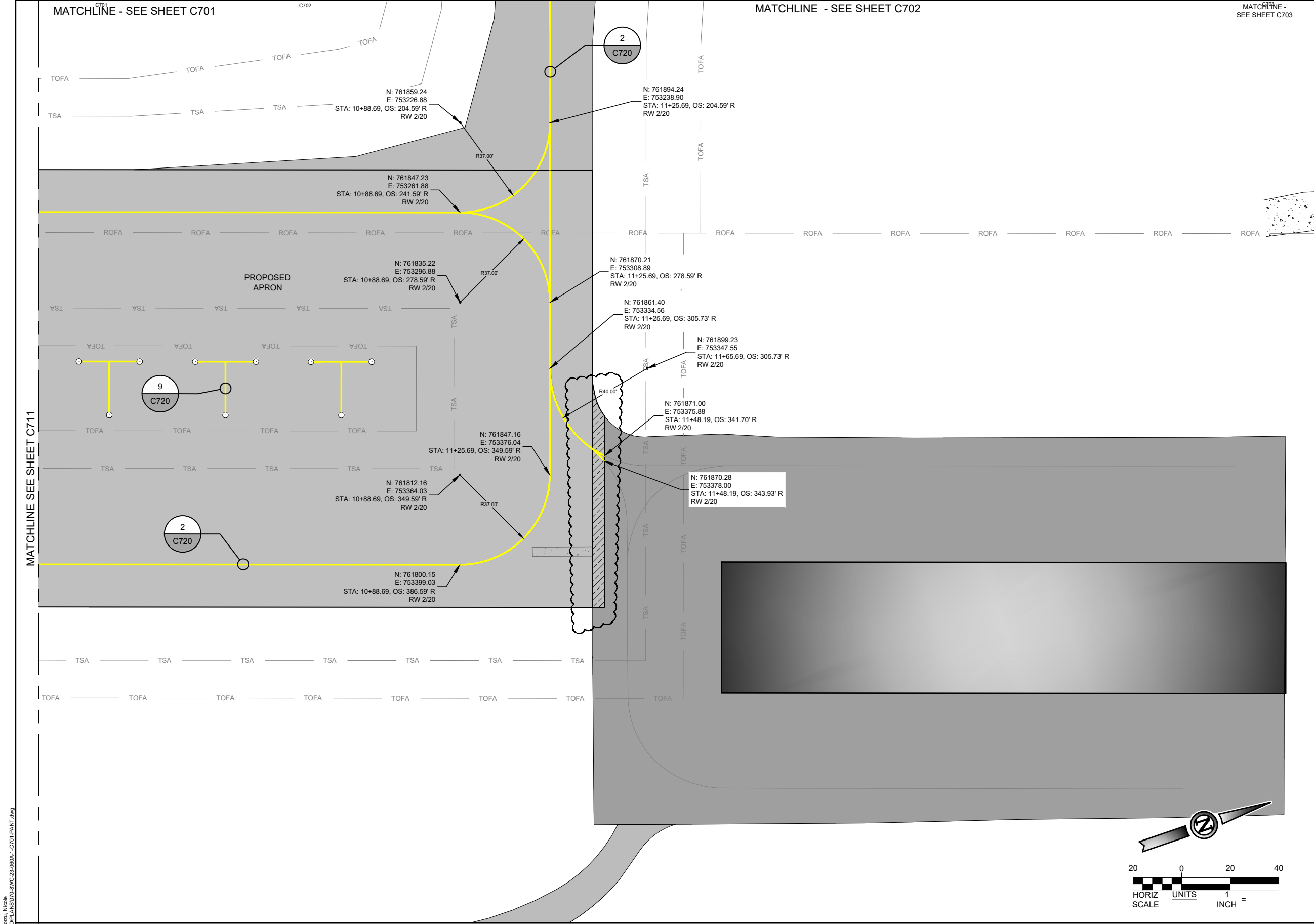


ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	L.K.K.	05/28/24	ISSUED FOR BID	
2	L.K.K.	06/11/2024	ADDENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

PAVEMENT MARKING PLAN		SHEET NAME
STA. 4+00 TO 9+25		C711
RUNWAY 2/20		SHEET NO.
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2		108 of 145
WOOLPERT PROJ. NO. 1015274		

Printed June 11, 2024 @ 6:10 PM by: Borzu, Nicole  
S:\VC24-060A-1\apron\_reconstruction\CD\PLANS\070-BWC-23-060A-1\_C711-PAINT.dwg



AIRSIDE PAINT MARKINGS LEGEND		
	ASPHALT	EXISTING PAINT
PROPOSED		EXISTING PAINT
		PROPOSED YELLOW PAINT
		PROPOSED WHITE PAINT
EXIST.		PROPOSED BLACK PAINT

**GENERAL MARKING NOTES**

1. SEE SHEET C720 FOR PAVEMENT MARKING DETAILS AND GENERAL MARKING NOTES.

ISSUED FOR BID		
THESE DRAWINGS ARE FOR PURPOSES ONLY. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:		
LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



DES: N.B.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: V.S.B.	1	L.K.K.	05/28/24	ISSUED FOR BID
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
CH: C.L.G.				
APP: L.K.K.				

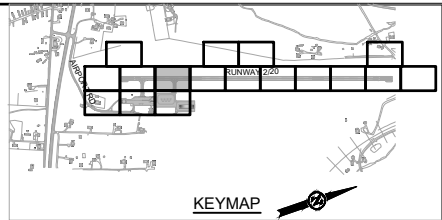
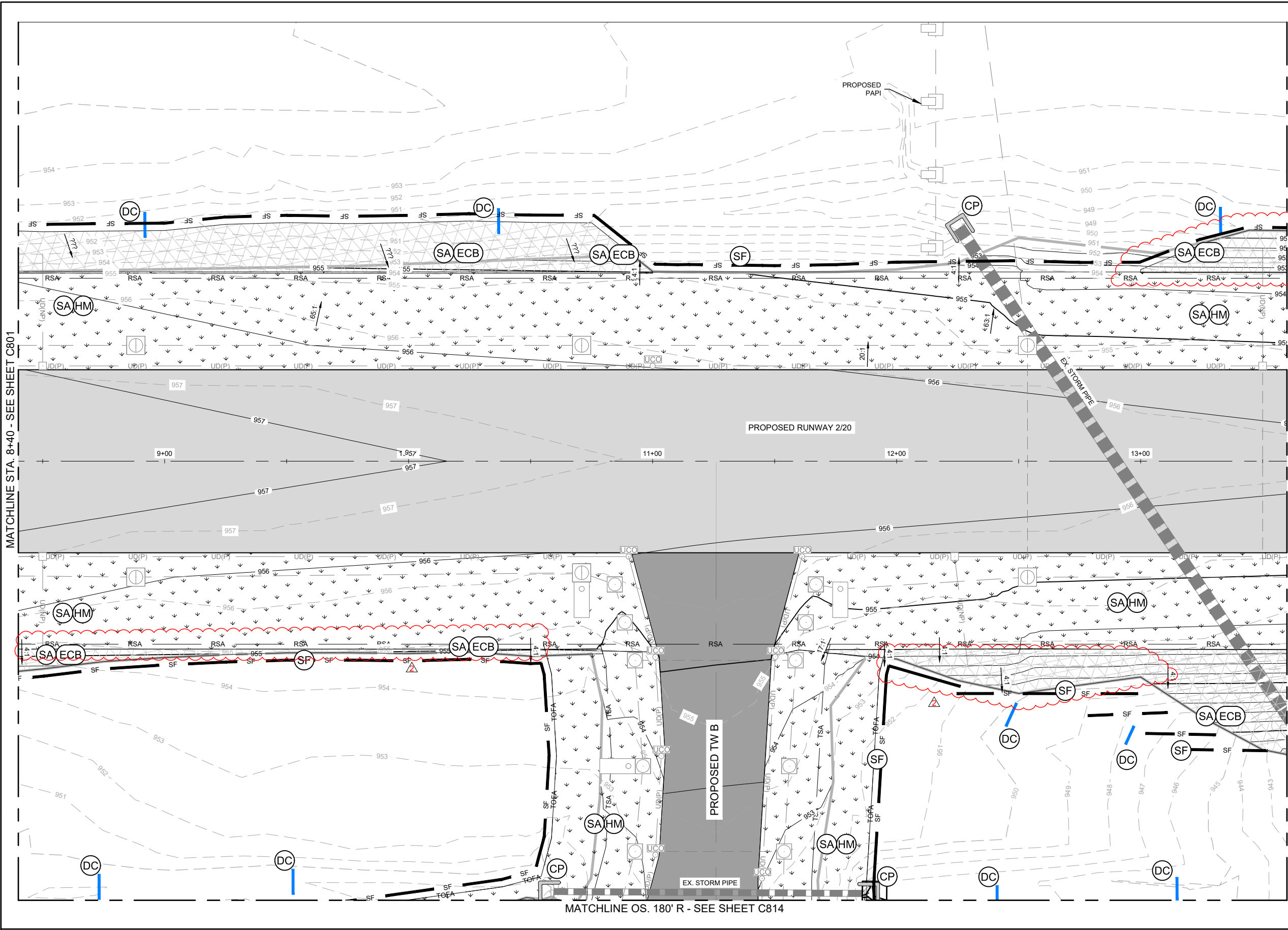
RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

PAVEMENT MARKING PLAN		SHEET NAME	
STA. 9+25 TO 14+50		C712	
RUNWAY 2/20		SHEET NO.	
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2		109 of 145	
WOOLPERT PROJ. NO. 1015274			





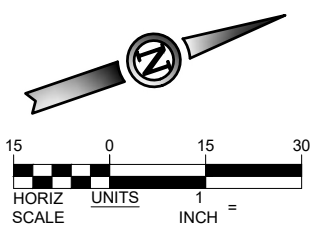
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EROSION CONTROL LEGEND	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	APPROX. GRADING LIMITS
	SILT FENCE
	SEEDING WITH HYDROMULCH
	SEEDING WITH EROSION CONTROL BLANKET
	INLET PROTECTION
	CULVERT PROTECTION
	DITCH CHECK DAM
	TEMPORARY SEDIMENT CONTROL BASIN

**EROSION CONTROL NOTES**

1. SEE SHEET C850 AND C851 FOR EROSION CONTROL NOTES AND EROSION CONTROL DETAILS.

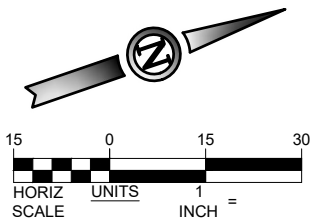


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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

		DES: N.B.B. DR: V.S.B. CH: C.L.G. APP: L.K.K.	ISSUE RECORD		RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION	EROSION CONTROL PLAN STA. 8+40 TO 13+60 RUNWAY 2/20		MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NAME C802
			NO.	BY	DATE	DESCRIPTION	SHEET NO. 114 of 145			
			1	L.K.K.	05/28/24	ISSUED FOR BID				
			2	L.K.K.	06/11/2024	ADDENDUM NO. 1				

---	---	1220	---	---	EXISTING MAJOR CONTOUR
---	---	1221	---	---	EXISTING MINOR CONTOUR
=====	=====	1220	=====	=====	PROPOSED MAJOR CONTOUR
=====	=====	1221	=====	=====	PROPOSED MINOR CONTOUR
=====					APPROX. GRADING LIMITS
		SILT FENCE			
		SEEDING WITH HYDROMULCH			
		SEEDING WITH EROSION CONTROL BLANKET			
		INLET PROTECTION			
		CULVERT PROTECTION			
		DITCH CHECK DAM			
		TEMPORARY SEDIMENT CONTROL BASIN			

1. SEE SHEET C850 AND C851 FOR EROSION CONTROL NOTES AND EROSION CONTROL DETAILS.



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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

MATCHLINE STA. 18+80- SEE SHEET C804

DES: N.B.B.	ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION
	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
APP: L.K.K.				

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2
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WOOLPERT PROJ. NO. 1015274
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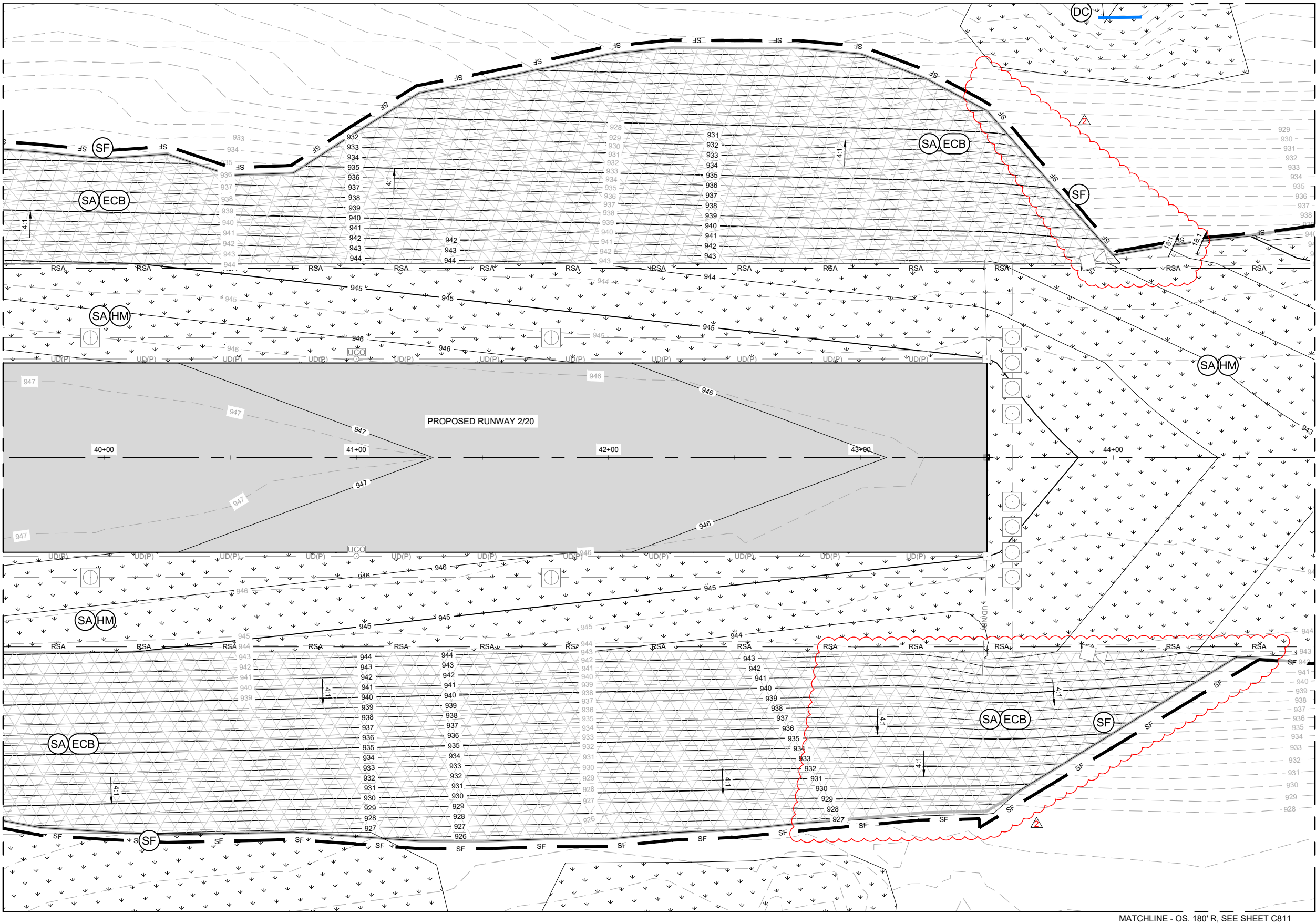
115 of 145





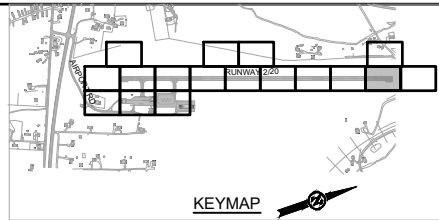
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39VC24-060A-1 - Airport Reconstruction/CDOT/ANS/030-BVC-23-060A-1, CDOT-EROS.dwg

MATCHLINE STA. 39+60 - SEE SHEET C807



MATCHLINE - OS. 180' L, SEE SHEET C810

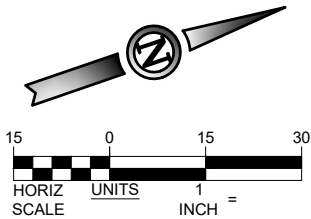
MATCHLINE - OS. 180' R, SEE SHEET C811



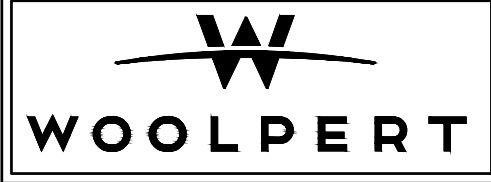
EROSION CONTROL LEGEND	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
APPROX. GRADING LIMITS	
	SF SILT FENCE
	SAHM SEEDING WITH HYDROMULCH
	SAECB SEEDING WITH EROSION CONTROL BLANKET
	IP INLET PROTECTION
	CP CULVERT PROTECTION
	DC DITCH CHECK DAM
	TS TEMPORARY SEDIMENT CONTROL BASIN

**EROSION CONTROL NOTES**

1. SEE SHEET C850 AND C851 FOR EROSION CONTROL NOTES AND EROSION CONTROL DETAILS.



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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		



WASHINGTON  
COUNTY  
AIRPORT

DES: N.B.B.		ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION	
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID	
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1	
APP: L.K.K.					

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

EROSION CONTROL PLAN  
STA. 39+60 TO 44+80  
RUNWAY 2/20

WOOLPERT PROJ. NO.  
1015274

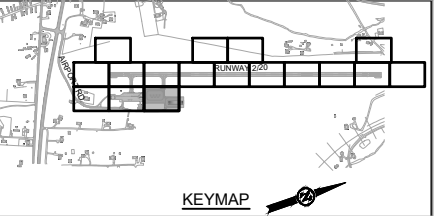
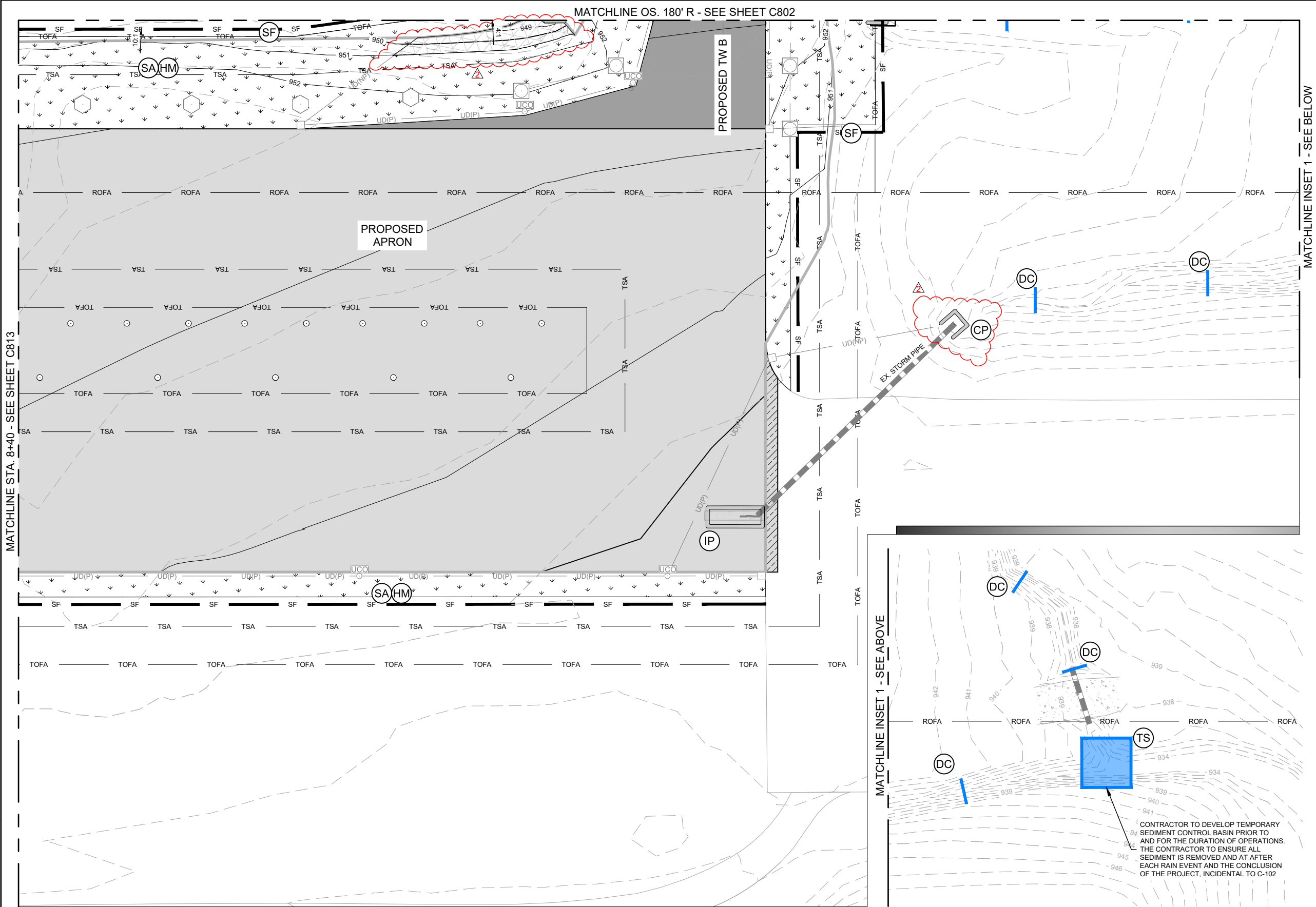
SHEET NAME	
C808	
SHEET NO.	
120 of 145	







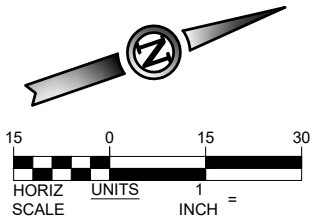
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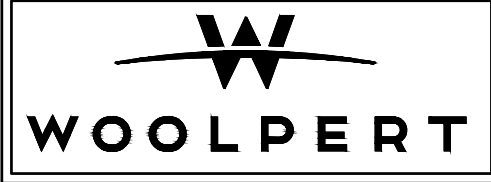
EROSION CONTROL LEGEND	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	APPROX. GRADING LIMITS
	SF SILT FENCE
	SAHM SEEDING WITH HYDROMULCH
	SAECB SEEDING WITH EROSION CONTROL BLANKET
	IP INLET PROTECTION
	CP CULVERT PROTECTION
	DC DITCH CHECK DAM
	TS TEMPORARY SEDIMENT CONTROL BASIN

**EROSION CONTROL NOTES**

1. SEE SHEET C850 AND C851 FOR EROSION CONTROL NOTES AND EROSION CONTROL DETAILS.



ISSUED FOR BID		
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LAURA K. KOONCE	2022012014	05/28/24
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF WOOLPERT		

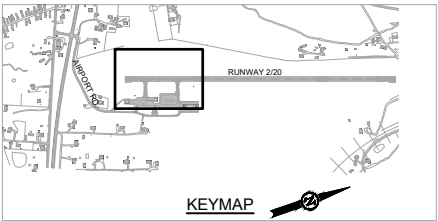


DES: N.B.B.		ISSUE RECORD			
DR: V.S.B.	NO.	BY	DATE	DESCRIPTION	
CH: C.L.G.	1	L.K.K.	05/28/24	ISSUED FOR BID	
	2	L.K.K.	06/11/2024	ADDENDUM NO. 1	
APP: L.K.K.					

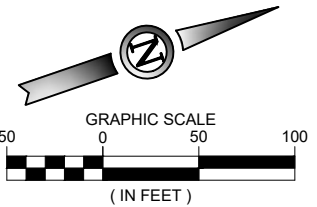
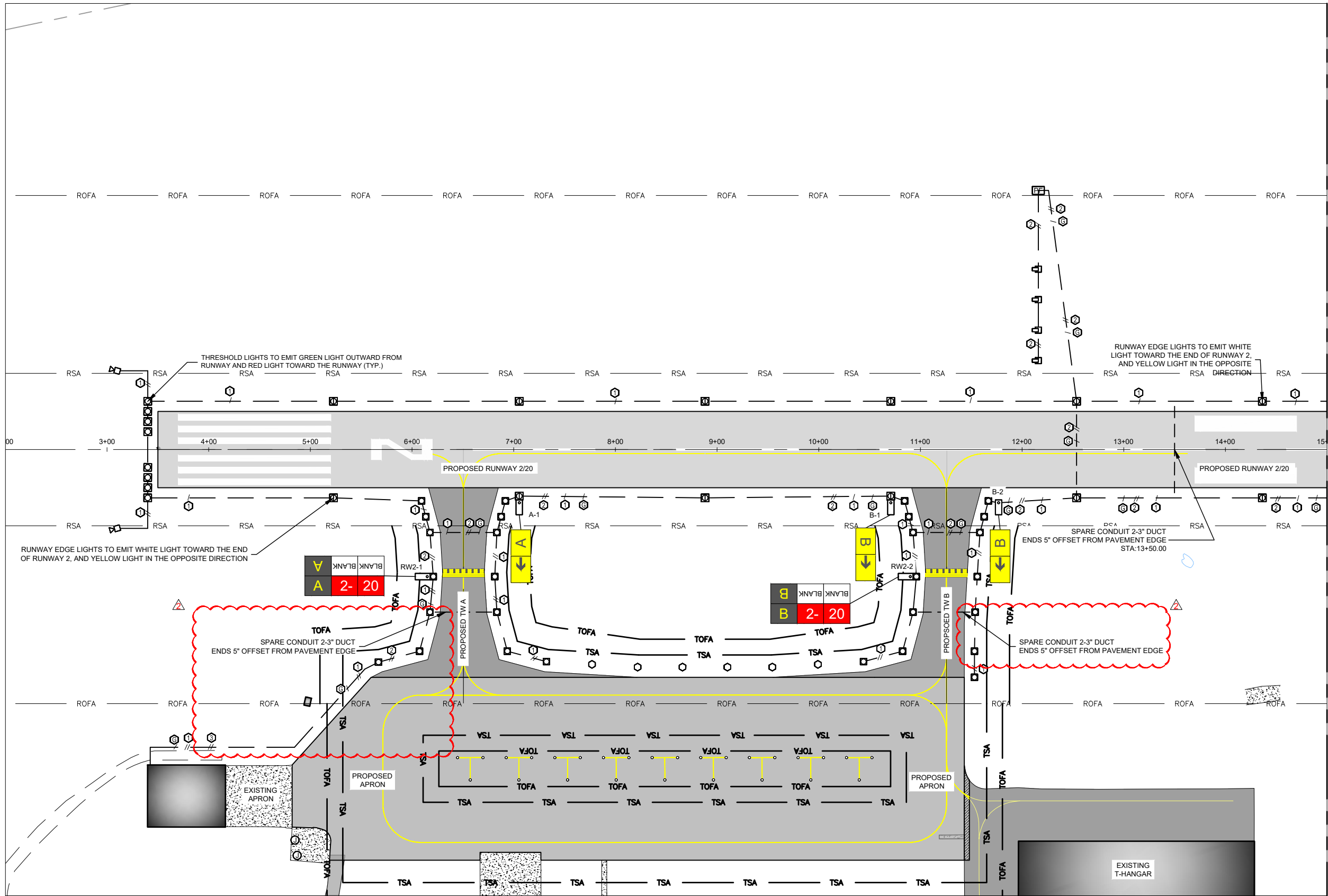
RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

EROSION CONTROL PLAN STA. 8+40 TO 13+60 OS 180' R RUNWAY 2/20		SHEET NAME C814	
MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274	SHEET NO. 126 of 145	





- NOTES:
- SEE SHEET E001 FOR ELECTRICAL LEGEND AND ELECTRICAL NOTES.
  - SEE SHEETS C100-C113 FOR DEMOLITION SHEETS.
  - SEE SHEETS E200-E203 FOR ELECTRICAL LAYOUT PLAN SHEETS.
  - SEE SHEETS E210-E213 FOR ELECTRICAL CIRCUIT PLAN SHEETS.
  - SEE SHEETS E250-E254 FOR ELECTRICAL DETAILS.



ISSUED FOR BID

THESE DRAWINGS ARE FOR PURPOSES ONLY. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

ZACHARY C. AMBARIANTZ 12651 05/28/24  
NAME REG. NO. DATE  
FOR AND ON BEHALF OF WOOLPERT



ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	L.K.K.	05/28/24	ISSUED FOR BID	
2	L.K.K.	06/11/2024	ADDENDUM NO. 1	

RUNWAY 2/20 RECONSTRUCTION  
& WIDENING AND APRON  
RECONSTRUCTION

ELECTRICAL CIRCUIT

MoDOT PROJ. NO.  
24-060A-1 & 24-060A-2

WOOLPERT PROJ. NO.  
1015274

SHEET NAME

E210

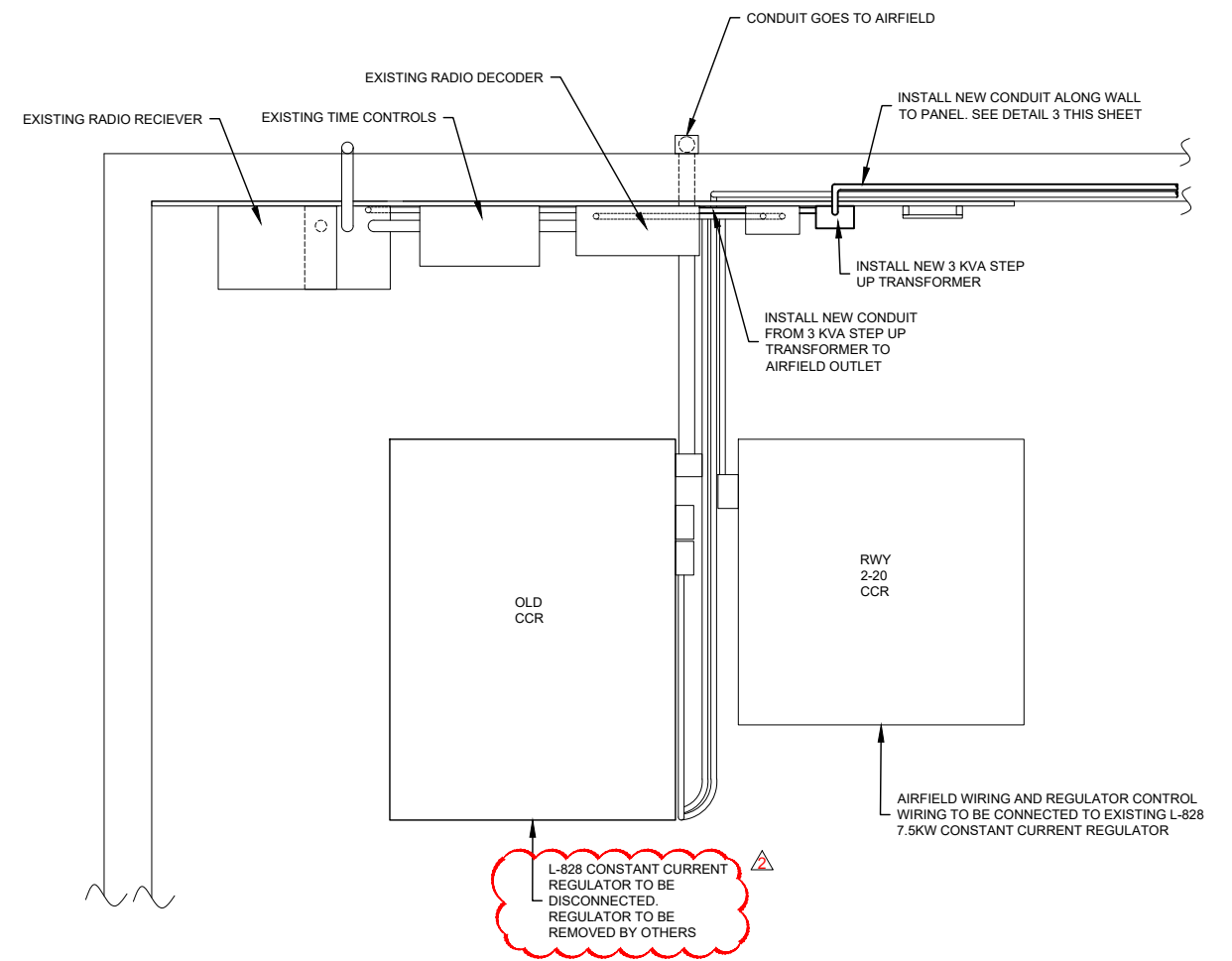
SHEET NO.

137 of 145

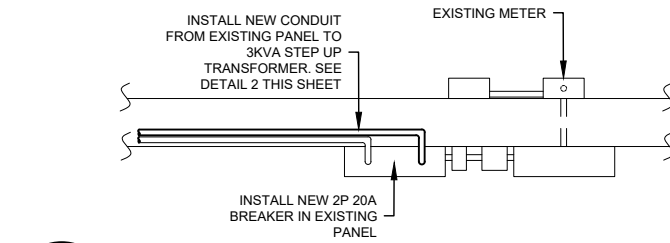








2 ELECTRICAL VAULT, SOUTH SIDE OF HANGAR  
N.T.S



3 ELECTRICAL VAULT, NORTH SIDE OF HANGAR  
N.T.S

THESE DRAWINGS ARE FOR PURPOSES  
ONLY. THEY WERE PREPARED BY OR  
UNDER THE SUPERVISION OF:

DETAILS	SHEET NAME E254
	SHEET NO. 145 of 145
WOOLPERT PROJ. NO. 1015274	



DES: B.A.H.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: B.A.H.	1	L.K.K.	05/28/24	ISSUED FOR BID
CH: C.L.G.	2	L.K.K.	06/11/2024	ADDENDUM NO. 1
APP: L.K.K.				

# RUNWAY 2/20 RECONSTRUCTION & WIDENING AND APRON RECONSTRUCTION

## ELECTRICAL DETAILS

MoDOT PROJ. NO. 24-060A-1 & 24-060A-2	WOOLPERT PROJ. NO. 1015274
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SHEET NAME  
E254

SHEET NO.

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