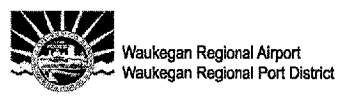


**HANSON PROFESSIONAL SERVICES INC.**  
 815 Commerce Drive, Suite 200  
 Oak Brook, Illinois 60523  
 Telephone: 630.990.3800  
 Fax: 630.990.3801

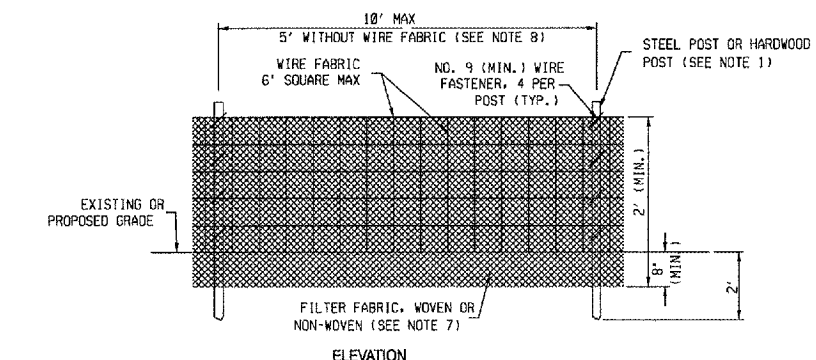
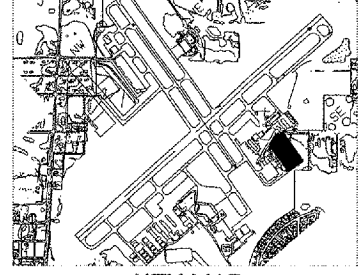


**Waukegan Regional Airport**  
 Waukegan Regional Port District  
 3580 North McAree Road  
 Waukegan, Illinois 60087  
 Phone: 847.244.0055  
 Fax: 847.244.3813

**WAUKEGAN REGIONAL AIRPORT**

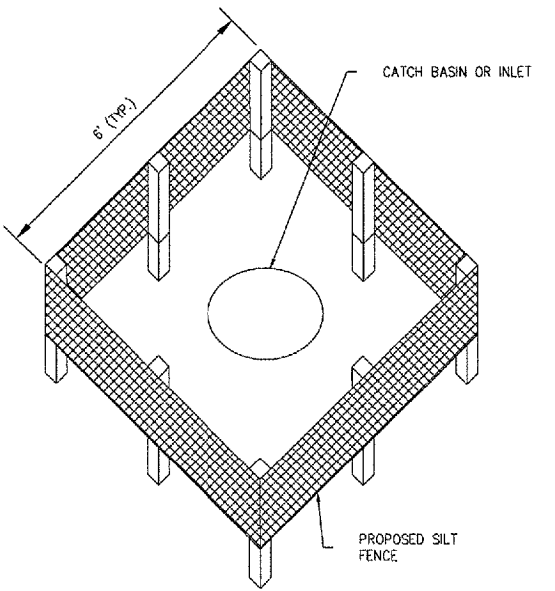
**CONSTRUCT NEW T-HANGAR APRONS, TAXIWAYS AND AUTO ACCESS**

IDA PROJECT NO. UGN-3499



- NOTES:**
- FENCE POST SHALL BE EITHER STEEL \*1" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 3.0 SQUARE INCHES.
  - TOP AND BOTTOM WIRE OF WIRE FABRIC SHALL BE MINIMUM GAGE NO. 9. INTERMEDIATE WIRES OF THE WIRE FABRIC SHALL BE MINIMUM GAGE NO. 11.
  - WIRE FABRIC SHALL BE SECURELY FASTENED TO FENCE POSTS WITH NO. 9 GAGE WIRE MINIMUM. FOUR (4) FASTENERS PER POST REQUIRED.
  - FILTER FABRIC SHALL BE SECURELY FASTENED TO WIRE FABRIC AND POSTS WITH TIES OR STAPLES SPACED AT 12" APART AT THE TOP, MIDDLE AND BOTTOM.
  - WHEN TWO SECTIONS OF FILTER FABRIC OR ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED AND ATTACHED TO THE WIRE FABRIC AT A POST.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
  - FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
  - WIRE FABRIC MAY BE OMITTED IF A MAXIMUM OF 5 FEET IS USED FOR POST-TO-POST SPACING.
  - SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. PERIODIC INSPECTION SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
  - FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.

**SILT FENCE**



- NOTES:**
- SILT FENCE SHALL BE EMBEDDED 8" INTO THE SOIL.
  - INSPECTION SHALL BE FREQUENT AND REPAIR / REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
  - TEMPORARY SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. CONTRACTOR SHALL PLACE SEED AND MULCH AROUND STRUCTURES PER LANDSCAPING PLAN.
  - AREAS DISTURBED OUTSIDE OF CONSTRUCTION LIMITS DURING PLACEMENT OF INLET PROTECTION TO BE REGRADED, SEEDED AND MULCHED, COST INCIDENTAL TO SILT FENCE.
  - SEE SPECIAL PROVISIONS FOR ADDITIONAL SILT FENCE INFORMATION.

**INLET PROTECTION DETAIL**

LANDSCAPING QUANTITIES	
ITEM	QUANTITY
PROPOSED SILT FENCE (INLET AND SITE PROTECTION), ITEM AR156510	689.0 L.F.
PROPOSED SEEDING, ITEM AR901510	2.1 ACRES
MULCHING, ITEM AR908510	2.1 ACRES
TOPSOIL (FROM ON-SITE), ITEM AR905510	365 C.Y.
TOPSOIL (FROM OFF-SITE), ITEM AR905520	795 C.Y.
PROPOSED CONSERVATION COVER, ITEM AR800937	1.2 ACRES

**STORM WATER POLLUTION PREVENTION NOTES**

**GENERAL**  
 THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.

**THE MAINTENANCE OF ALL STORM WATER POLLUTION PREVENTION MEASURES IS INCIDENTAL TO THE ASSOCIATED ITEM.**

**POLLUTION PREVENTION MEASURES**  
 THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHERE EVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONTROL MEASURES.

POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.

THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.

**LANDSCAPING NOTES**

- OUTER LIMITS OF SEEDING AND MULCHING TO FOLLOW THE LIMITS SHOWN ON THIS SHEET.
- ALL UTILITY TRENCHES TO BE SEEDED AND MULCHED, COST INCIDENTAL TO ASSOCIATED UTILITY ITEM.

No.	Drawing Issue Description	Date	By

Date  
 JANUARY 27, 2006  
 Sheet Title

**LANDSCAPING AND STORMWATER POLLUTION PREVENTION PLAN AND DETAILS**

831-04TXD	
Project Number	AAP
Layout By	Date
AAP	11/15/05
Designed By	Date
KLJ/RMH	01/23/06
Reviewed By	Date
KLK	AAP
Drawn By	Sheet No.

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