

ARLINGTON MUNICIPAL AIRPORT TAXILANE A, G AND TAXIWAY B-2 IMPROVEMENT PROJECT ARLINGTON, WASHINGTON



MAYOR

ROBERT KRASKI

AIRPORT MANAGER

ROBERT PUTNAM

AIRPORT COORDINATOR

DALE CARMAN

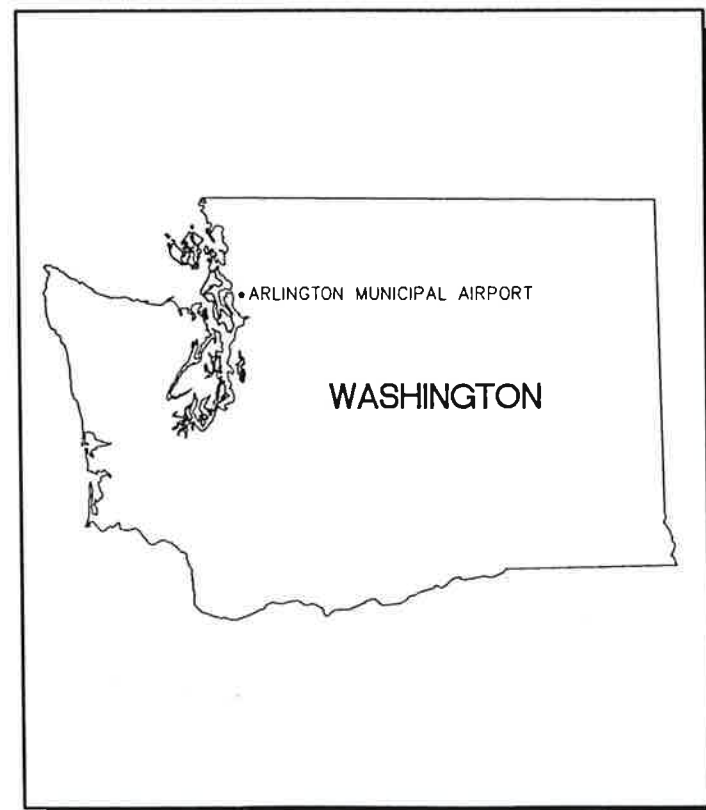
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CRAIG HEDLUND
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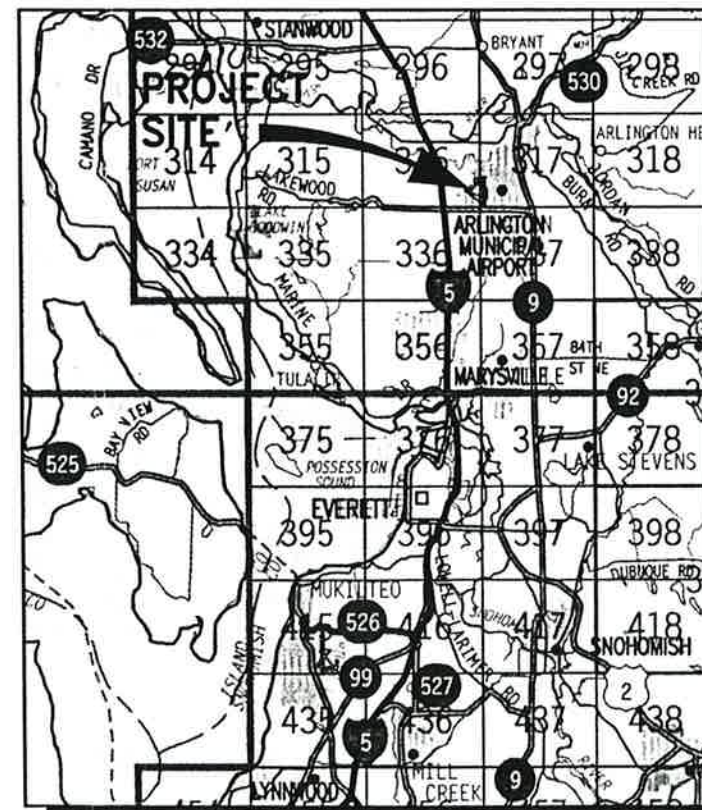
AIRPORT COMMISSION

ROBERT CAMPBELL
MELANIE JORDAN HECLA
CAL KINNEY
RICHARD LARSEN
GRAHAM SMITH
ADAM LINGENFELTER
DALE MAULDIN

CONSTRUCTION W.O. # 2002-AP-1



 LOCATION MAP
N.T.S.
NORTH



 VICINITY MAP
N.T.S.
NORTH

SHEET LIST

- G1 COVER SHEET
- C1.0 PROJECT LAYOUT & SAFETY PLAN
- C1.1 PHASING AND CONSTRUCTION SIGNING PLAN
- C2.0 DEMOLITION PLAN
- C3.0 EROSION CONTROL PLAN
- C3.1 EROSION CONTROL DETAILS
- C4.0 TAXILANE A GRADING AND DRAINAGE PLAN
- C4.1 TAXILANE A GRADING AND DRAINAGE PLAN
- C4.2 TAXILANE A TYPICAL GRADING SECTIONS
- C4.3 TAXILANE A STORM DRAINAGE DETAILS
- C5.0 WATER AND SEWER PLAN AND DETAILS
- C6.0 TAXILANE G GRADING AND DRAINAGE PLAN
- C6.1 TAXILANE G TYPICAL GRADING SECTIONS
- C7.0 TAXIWAY B-2 GRADING AND DRAINAGE PLAN
- C7.1 TAXIWAY B-2 MARKING PLAN
- C8.0 TAXILANE MARKING PLAN
- C9.0 MISCELLANEOUS DETAILS

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Utilities Div.

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NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

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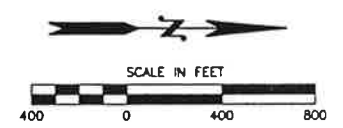
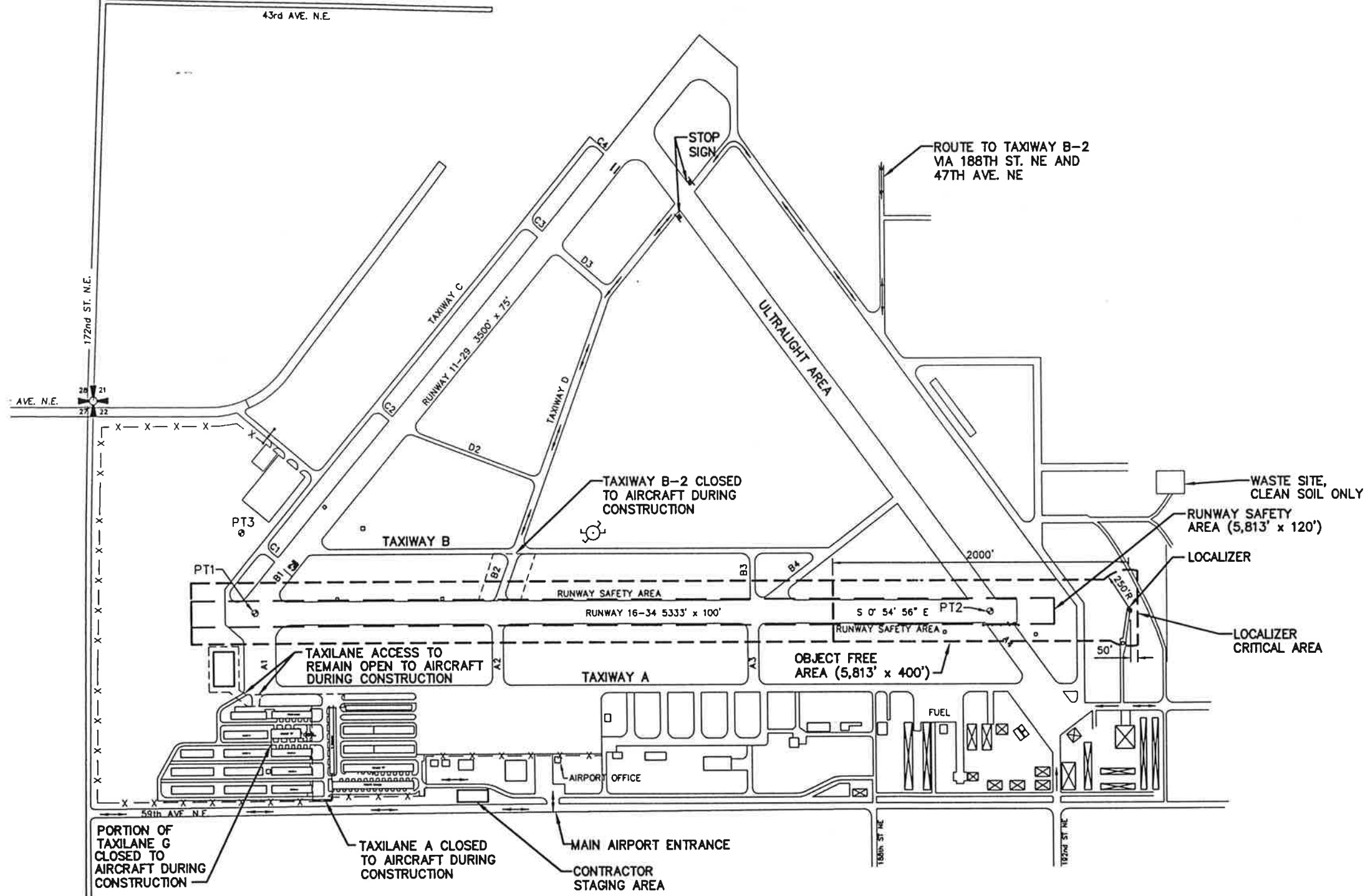
ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT

COVER SHEET

SCALE AS SHOWN
DES: MJC SHEET NO.
DR: WMB G1
CH: ROJ OF 17 SHEETS
DATE: MAY 2002
FILE NO: 23-01-023

REVISION

NO. DATE BY



LEGEND

EXISTING	PROPOSED	
○	○	MONUMENT
—	—	HAUL ROUTE
—	—	SIGN
---	---	CONSTRUCTION LIMITS

SURVEY MONUMENTS

PT1 MONUMENT IN CASING
N 5,807.84
E 9,006.21

PT2 MONUMENT IN CASING
END RW 34, BASIS OF BEARING.
N 10,781.38
E 8,926.73

PT3 STANDARD NOS BENCHMARK S88 A 1986. LOCATED
112.50 FEET SOUTHWEST OF Q END OF RUNWAY 29 AND
459.19 FEET NORTHWEST OF Q END RUNWAY 34.
ELEVATION = 123.38 MSL

SAFETY AND GENERAL NOTES:

- CONTRACTOR SHALL USE ACCESS ROUTES SHOWN AND MAINTAIN ROUTES AS NECESSARY.
- ALL TRUCKS AND CONSTRUCTION EQUIPMENT SHALL BE EQUIPPED WITH FAA APPROVED FLAGS OR AN AMBER FLASHING LIGHT.
- NO CONSTRUCTION VEHICLES OR EQUIPMENT SHALL BE ALLOWED TO CROSS AN ACTIVE TAXIWAY OR RUNWAY, OR PASS IN FRONT OF A TAXIING AIRCRAFT. FOR TRUCK TRAFFIC CROSSING THE RUNWAY SAFETY AREA, EACH VEHICLE SHALL STOP AT POSTED STOP SIGNS, CHECK FOR AIRCRAFT, AND REMAIN STATIONARY UNTIL ALL AIRCRAFT ARE CLEAR. IN ADDITION, EACH VEHICLE SHALL MAINTAIN RADIO CONTACT WITH LOCAL AIRCRAFT TO BE ADVISED OF OPERATIONS.
- EXISTING TAXIWAYS, APRONS, AND OTHER AREAS OPEN TO AIRCRAFT SHALL BE CLEAN OF ALL FOREIGN OBJECT DEBRIS (FOD). CONTRACTOR SHALL CLEAN THESE AREAS BY CONTINUOUS BROOMING OR OTHER APPROVED METHOD.
- THE CONTRACTOR SHALL REFRAIN FROM USING ANY OF THE AIRFIELD GRASS AREAS EXCEPT AS CONSTRUCTION DICTATES: FOR TURNAROUND, PARKING OF EQUIPMENT, OR ANY PURPOSES WHATSOEVER. ANY DAMAGE FROM THE CONTRACTOR'S OPERATIONS SHALL BE PAID BY THE CONTRACTOR.
- OPEN-FLAME WELDING OR TORCH CUTTING OPERATIONS SHALL BE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY AIRPORT OPERATIONS.
- WHEN WORKING WITHIN 25 FEET OF TAXIWAY A, CONTRACTOR SHALL PROVIDE A FLAGMAN FOR TRAFFIC CONTROL. AIRCRAFT HAVE RIGHT OF WAY AT ALL TIMES.
- LIGHTED DETOUR SIGNS SHALL BE POSTED PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- ALL WORK AND MATERIALS ASSOCIATED WITH TEMPORARY MARKINGS, BARRICADES, AND TRAFFIC ROUTING SHALL BE INCIDENTAL TO THE BID.
- IN ORDER TO MINIMIZE DANGER TO AIRCRAFT, THE CONTRACTOR SHALL ENSURE THAT NO ABRUPT EDGES REMAIN AT THE END OF THE WORKING DAY. THERE SHALL BE NO TEMPORARY OR PERMANENT PAVEMENT DROP-OFFS GREATER THAN 1" OR TURF LIPS GREATER THAN 3". RAMPS TO BE PROVIDED AT A MAXIMUM 2% SLOPE.
- NO OPEN TRENCHES ARE TO BE LEFT UNATTENDED.
- THE ROUTING OF TRAFFIC, STORAGE OF MATERIALS, AND STORAGE OF EQUIPMENT WILL BE DESIGNATED BY THE ENGINEER. THE CONTRACTOR SHALL KEEP THE MOVEMENT OF ALL EQUIPMENT ALONG APPROVED ROUTES. CONSTRUCTION EQUIPMENT SHALL BE PARKED ONLY IN THE APPROVED STAGING AREA DURING NON-WORKING HOURS.
- UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL REMOVE ALL CRUSHED ROCK AND IMPORTED MATERIALS FROM THE STAGING AREAS. ALL COMPACTED EARTH SHALL BE DISKED OR RAKED, AND THE AREAS SHALL BE GRADED SMOOTH AND HYDROSEEDDED.
- ALL DISTURBED AREAS ARE TO BE HYDROSEEDDED.

NO.	DATE	REVISION

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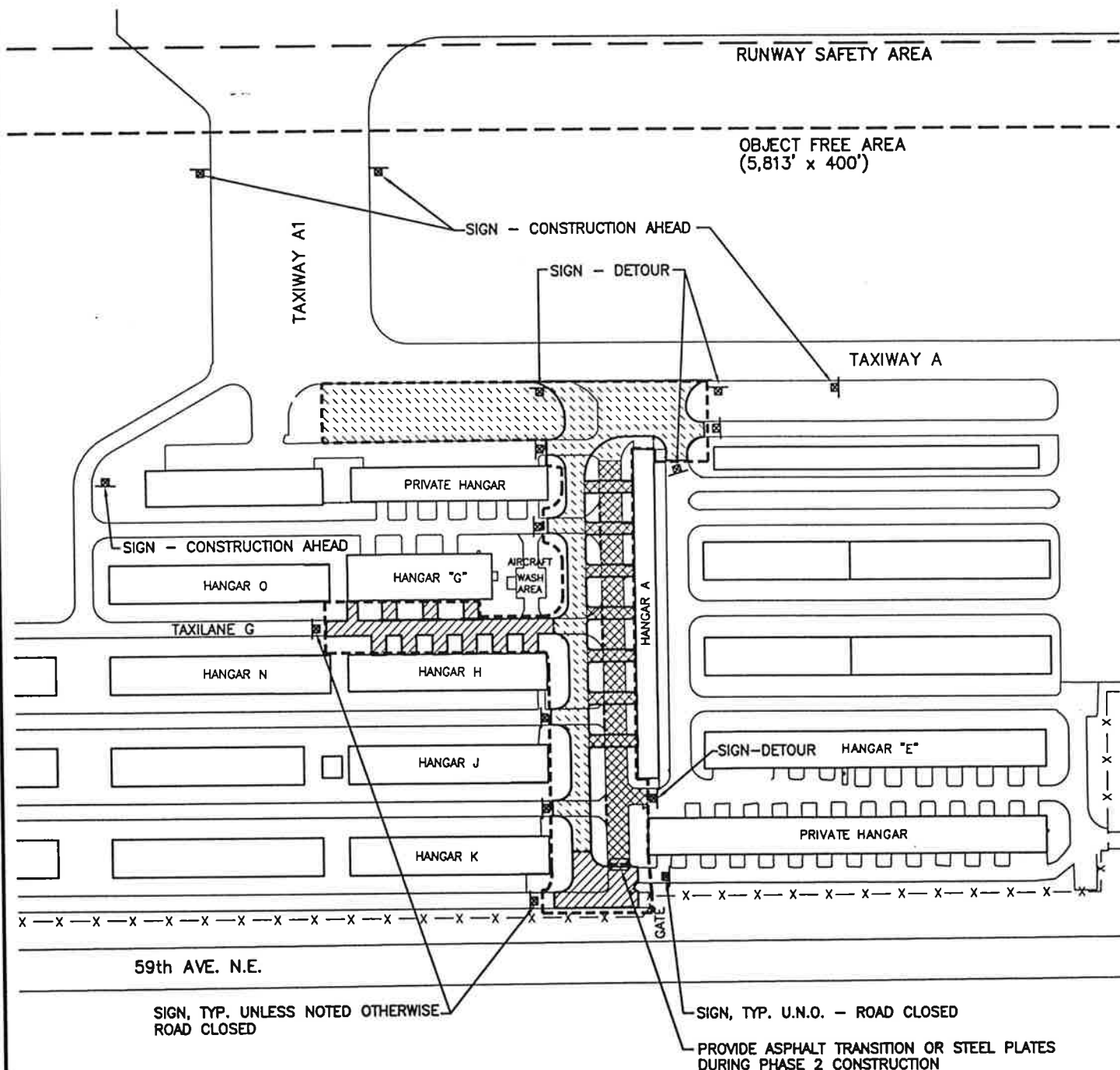
ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT
PROJECT LAYOUT AND SAFETY PLAN



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NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

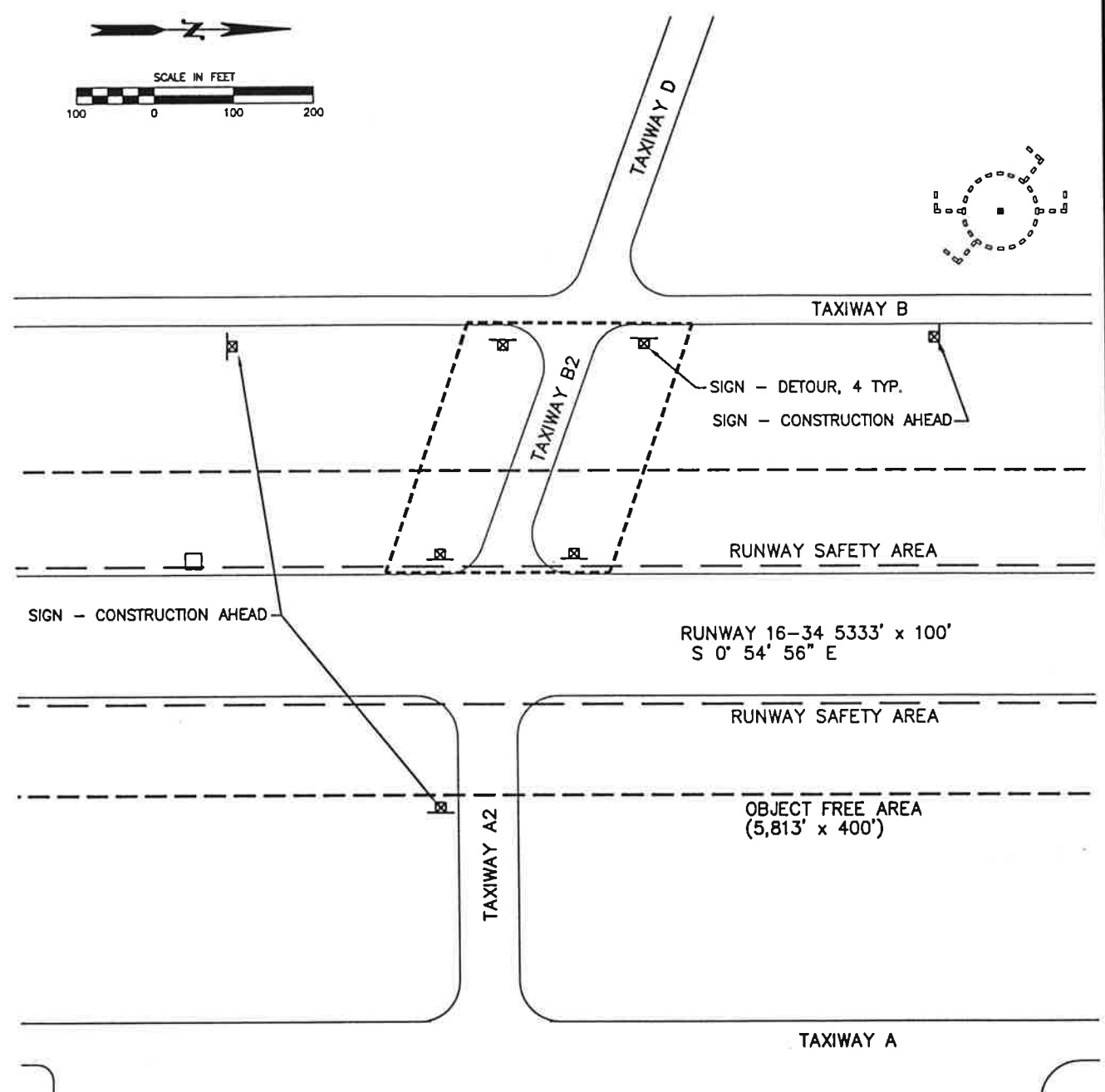
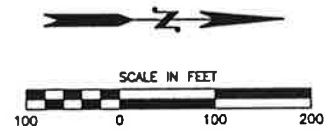
SCALE AS SHOWN	SHEET NO.
DES MJC	C1.0
DR NPAH	
CH ROJ	
F.B.	OF 17 SHEETS
DATE MAY 2002	
FILE NO. 23-01-023	



PLAN - TAXILANES A & G
SCALE: 1"=100'

GENERAL PHASING NOTES:

- THE CONTRACT TIME FOR COMPLETION OF ALL WORK SHALL BE 60 WORKING DAYS.
- CONSTRUCTION WILL BE ALLOWED BETWEEN THE HOURS OF 7:30am AND 8:00pm UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL SUBMIT WORK PLAN AND DETAILED SCHEDULE TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE ISSUANCE OF A NOTICE TO PROCEED.
- THE CONTRACTOR SHALL INFORM THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF ANY CHANGES TO THE CONSTRUCTION ROUTINE.
- THE AIRPORT SHALL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION SAFETY AND PHASING WITH AIRPORT USERS. FINAL SCHEDULING DETAILS WILL BE ESTABLISHED WITH THE CONTRACTOR AT THE PRE CONSTRUCTION MEETING.
- PRIOR TO BEGINNING WORK IN THE TAXILANE A AND G AREAS, THE CONTRACTOR SHALL PROVIDE AT LEAST 2 WEEKS' NOTICE TO THE AIRPORT MANAGER TO ALLOW FOR NOTIFICATION OF HANGAR TENANTS.
- ACCESS TO HANGARS FRONTING THE NORTH END APRON AREA SHALL BE MAINTAINED TO THE GREATEST EXTENT POSSIBLE. TEMPORARY ACCESS SHALL BE PROVIDED DURING CONSTRUCTION BY PLACING STEEL SHEETS ADEQUATE TO ACCOMMODATE TENANT NEEDS. IN NO EVENT SHALL ACCESS BE DENIED FOR GREATER THAN 48 HOURS IN A 1 WEEK PERIOD. IN THE EVENT THAT THE CONTRACTOR REQUIRES MORE THAN 48 HOURS, THE CONTRACTOR SHALL PROVIDE AT LEAST 2 WEEKS NOTICE TO THE AIRPORT MANAGER TO ALLOW FOR NOTIFICATION OF HANGAR TENANTS.
- ALL WORK WILL BE COMPLETED IN THE PHASE 1 AREA, TO THE SATISFACTION OF THE ENGINEER, BEFORE COMMENCING WORK IN THE PHASE 2 AREA. SIMILARLY, PHASE 2 AREA WORK MUST BE COMPLETED PRIOR TO WORKING IN PHASE 3 AREA.
- ALL WORK IN PHASE 2 AREA SHALL BE COMPLETED WITHIN A 2 WEEK PERIOD. IN THE EVENT THE CONTRACTOR FAILS TO COMPLETE ALL PHASE 2 WORK WITHIN 14 CALENDAR DAYS LIQUIDATED DAMAGES (WSDOT SPECIFICATIONS) SHALL BE DEDUCTED FROM MONIES OTHERWISE DUE. IN ADDITION, LIQUIDATED DAMAGES SHALL ALSO APPLY SHOULD THE CONTRACTOR FAIL TO COMPLETE ALL WORK HEREUNDER WITHIN 60 WORKING DAYS.
- TRENCH FOR NEW STORM PIPE AND CONDUIT NORTH OF APRON SHALL BE PHASED TO PROVIDE CONTINUOUS PAVED ACCESS TO AIRCRAFT.
- NO WORK SHALL BE ALLOWED BETWEEN 6pm JULY 6 AND 7am JULY 13, 2002. DURING THIS CLOSURE PERIOD, ALL CONTRACTOR MATERIALS AND EQUIPMENT SHALL BE REMOVED TO THE DESIGNATED STAGING AREAS AND BARRICADES SHALL BE PLACED AROUND ANY AREAS WHICH MAY PRESENT A HAZARD TO PEDESTRIANS, VEHICLES, OR AIRCRAFT MOVEMENT.
- CONTRACTOR TO PROVIDE CONSTRUCTION, DETOUR AND ROAD CLOSURE SIGNAGE AT ALL ACCESS POINTS DURING EACH PHASE OF WORK.



PLAN - TAXIWAY B-2
SCALE: 1"=100'

LEGEND

EXISTING	PROPOSED	
		PHASE 1 CONSTRUCTION
		PHASE 2 CONSTRUCTION
		PHASE 3 CONSTRUCTION
		SIGN
		CONSTRUCTION LIMITS



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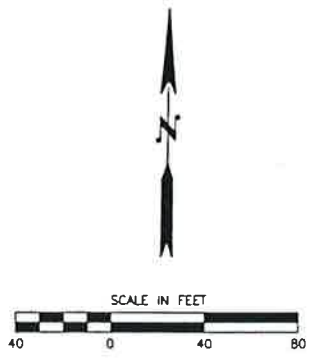
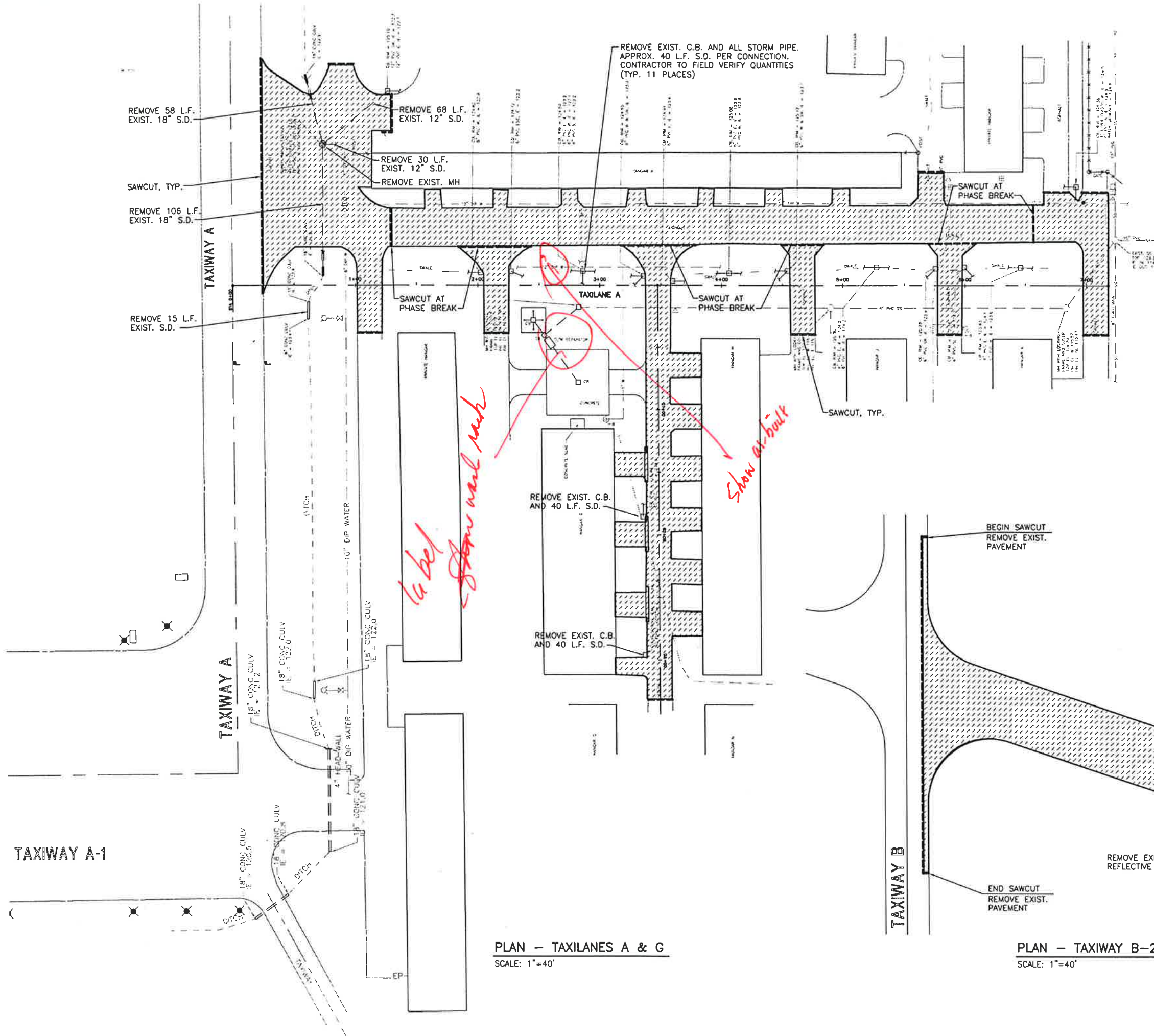
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Reid Middleton

ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT
PHASING & CONSTRUCTION SIGNING PLAN

SCALE AS SHOWN	SHEET NO.
DR. MJC	C1.1
DR. WMB	OF 17 SHEETS
DR. ROJ	DATE MAY 2002
FILE NO. 23-01-023	

NO. DATE BY REVISION



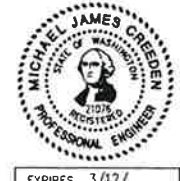
NOTES:
 1. FOR WATER MAIN DEMOLITION, SEE SHEET C5.0

LEGEND

EXISTING	PROPOSED	
□	—	CATCH BASIN
—SD—	—	STORM SEWER
—SS—	—	SANITARY SEWER
—W—	—W—	WATER
⊙	—	FIREHYDRANT
⊕WM	—	WATER METER
—	—	EDGE OF PAVEMENT
—	—	SAWCUT
—	—	REMOVE ASPHALT 2"±

PLAN - TAXILANES A & G
 SCALE: 1"=40'

PLAN - TAXIWAY B-2
 SCALE: 1"=40'



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90% SUBMITTAL

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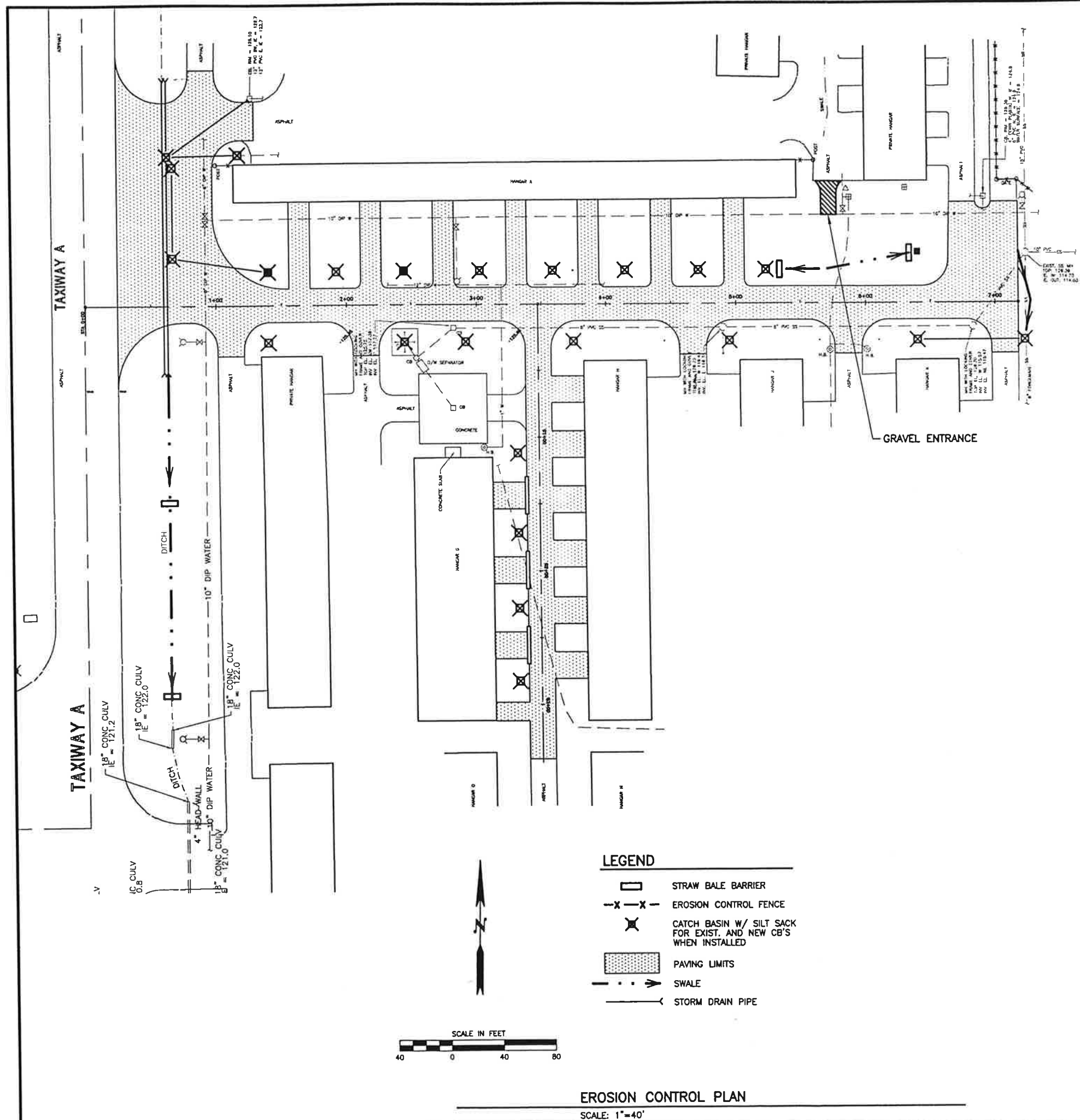
ARLINGTON MUNICIPAL AIRPORT
 TAXILANE A, G, AND TAXIWAY B-2
 IMPROVEMENT PROJECT

DEMOLITION PLAN

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SCALE AS SHOWN

DES MJC	SHEET NO.
DR WMB	C2.0
CH ROJ	
DATE MAY 2002	OF 17 SHEETS
FILE NO. 23-01-023	



- NOTES:**
- WHENEVER POSSIBLE, CONTRACTOR SHALL MAINTAIN NATURAL VEGETATION TO MINIMIZE EROSION.
 - ALL REQUIRED TEMPORARY SEDIMENT AND EROSION CONTROL FACILITIES MUST BE IN OPERATION PRIOR TO LAND CLEARING OR OTHER CONSTRUCTION TO INSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM.
 - ANY AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING OR OTHER EROSION CONTROL TREATMENT APPROVED BY THE ENGINEER. GRASS ALONE WILL BE ACCEPTABLE ONLY BETWEEN APRIL AND OCTOBER. SEEDING MAY PROCEED, WHENEVER IT IS IN THE INTEREST OF THE CONTRACTOR, BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR ANY OTHER TREATMENT APPROVED BY THE ENGINEER AT OTHER TIMES OF THE YEAR.
 - SILTATION BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN LEVEL OF DEPOSITION REMAINING IS ONE-HALF HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED AS APPROPRIATE.
 - SURFACE PREPARATION: ALL AREAS TO BE SEEDDED SHALL BE CULTIVATED TO THE SATISFACTION OF THE ENGINEER. THIS MAY BE ACCOMPLISHED BY DISCING, RAKING, HARROWING OR OTHER ACCEPTABLE MEANS.
 - NONCOMPLIANCE WITH EROSION CONTROL AND WATER QUALITY REQUIREMENTS AND CLEARING LIMIT VIOLATIONS MAY RESULT IN THE REVOCATION OF PROJECT PERMITS AND BOND FORECLOSURES.
 - FINISH GRADING, PERMANENT HYDROSEEDING AND FERTILIZING SHALL BE IN ACCORDANCE WITH TECHNICAL SECTION T-901.

- LEGEND**
- STRAW BALE BARRIER
 - EROSION CONTROL FENCE
 - CATCH BASIN W/ SILT SACK FOR EXIST. AND NEW CB'S WHEN INSTALLED
 - PAVING LIMITS
 - SWALE
 - STORM DRAIN PIPE



EROSION CONTROL PLAN
SCALE: 1"=40'

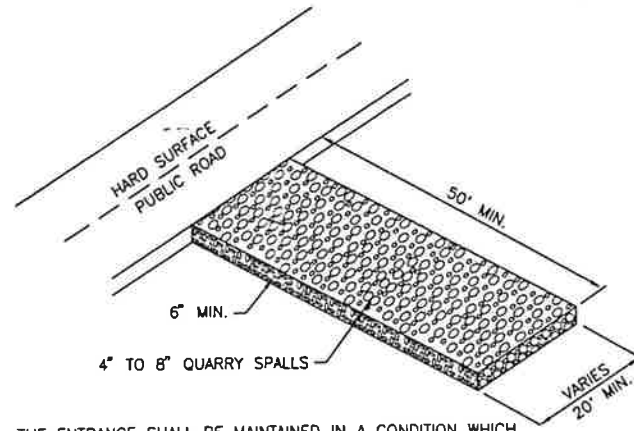


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ARLINGTON MUNICIPAL AIRPORT TAXIWAY A, G, AND TAXIWAY B-2 IMPROVEMENT PROJECT		EROSION CONTROL PLAN	
SCALE AS SHOWN	DR. MJC	SHEET NO.	
DR. WMB	CH. ROJ	C3.0	OF 17 SHEETS
DATE MAY 2002			
NO. 23-01-023			



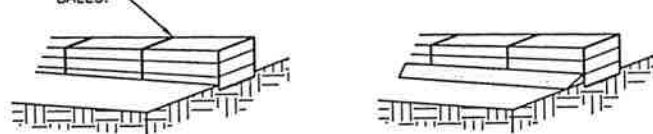
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR RACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

GRAVEL ENTRANCE DETAIL
NOT TO SCALE

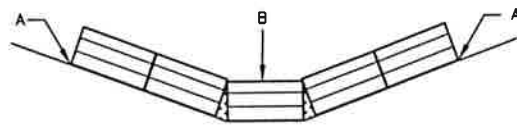
1. EXCAVATE THE TRENCH.
2. PLACE AND STAKE STRAW BALES.



3. WEDGE LOOSE STRAW BETWEEN BALES.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



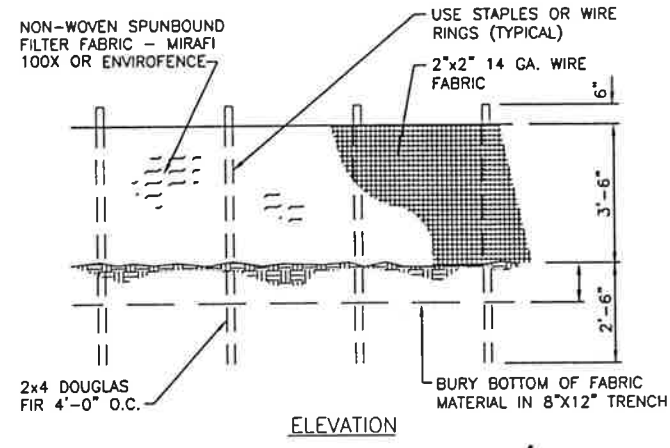
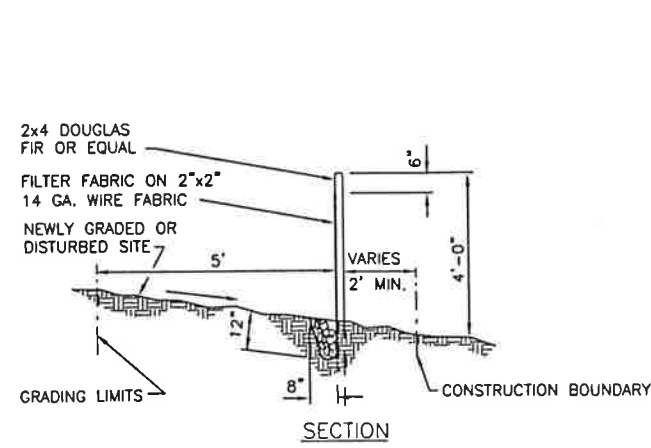
CONSTRUCTION OF A STRAW BALE BARRIER



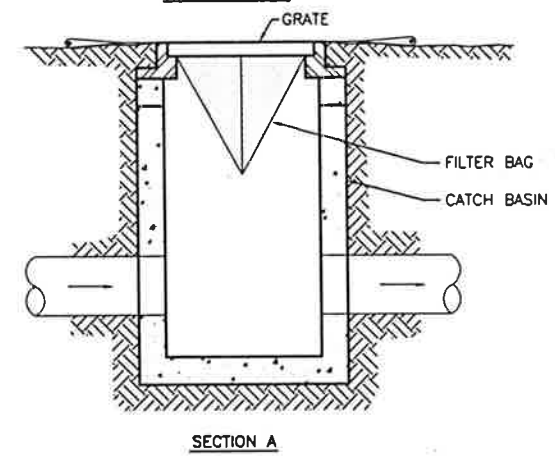
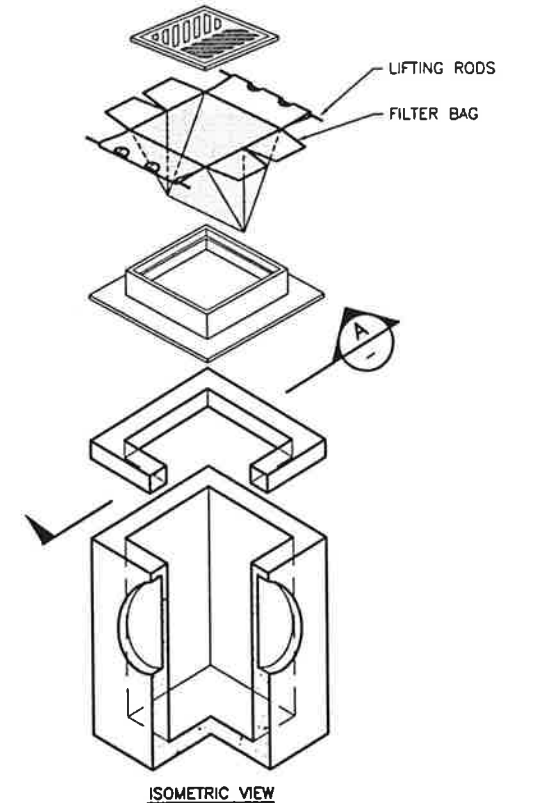
POINTS "A" SHOULD BE HIGHER THAN POINT "B"

PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY

STRAW BALE BARRIER DETAIL
NOT TO SCALE



EROSION CONTROL FENCE DETAIL
NOT TO SCALE



CATCH BASIN W/ SILT SACK DETAIL
NOT TO SCALE



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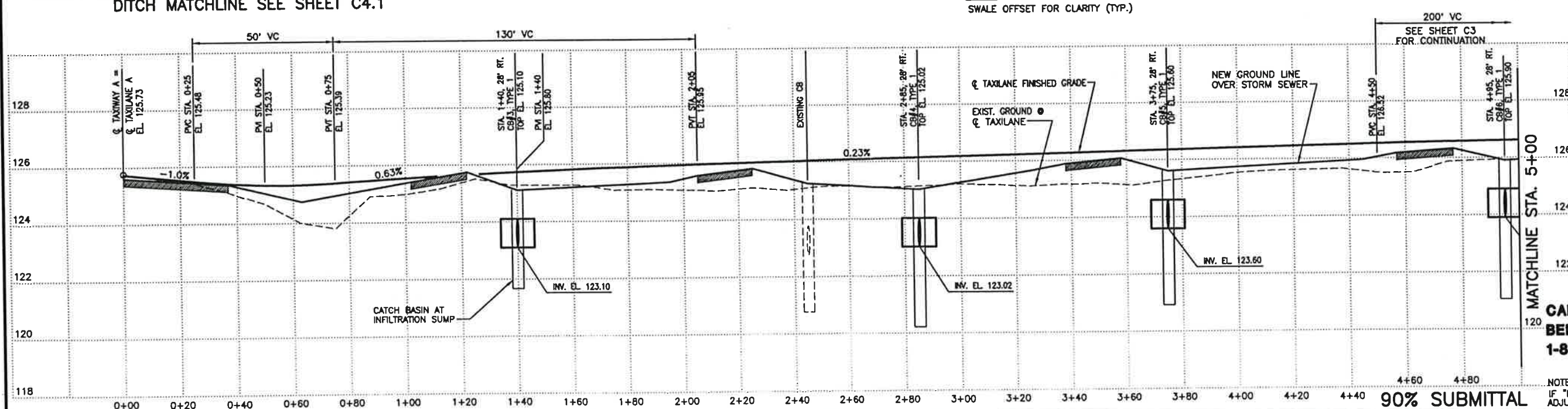
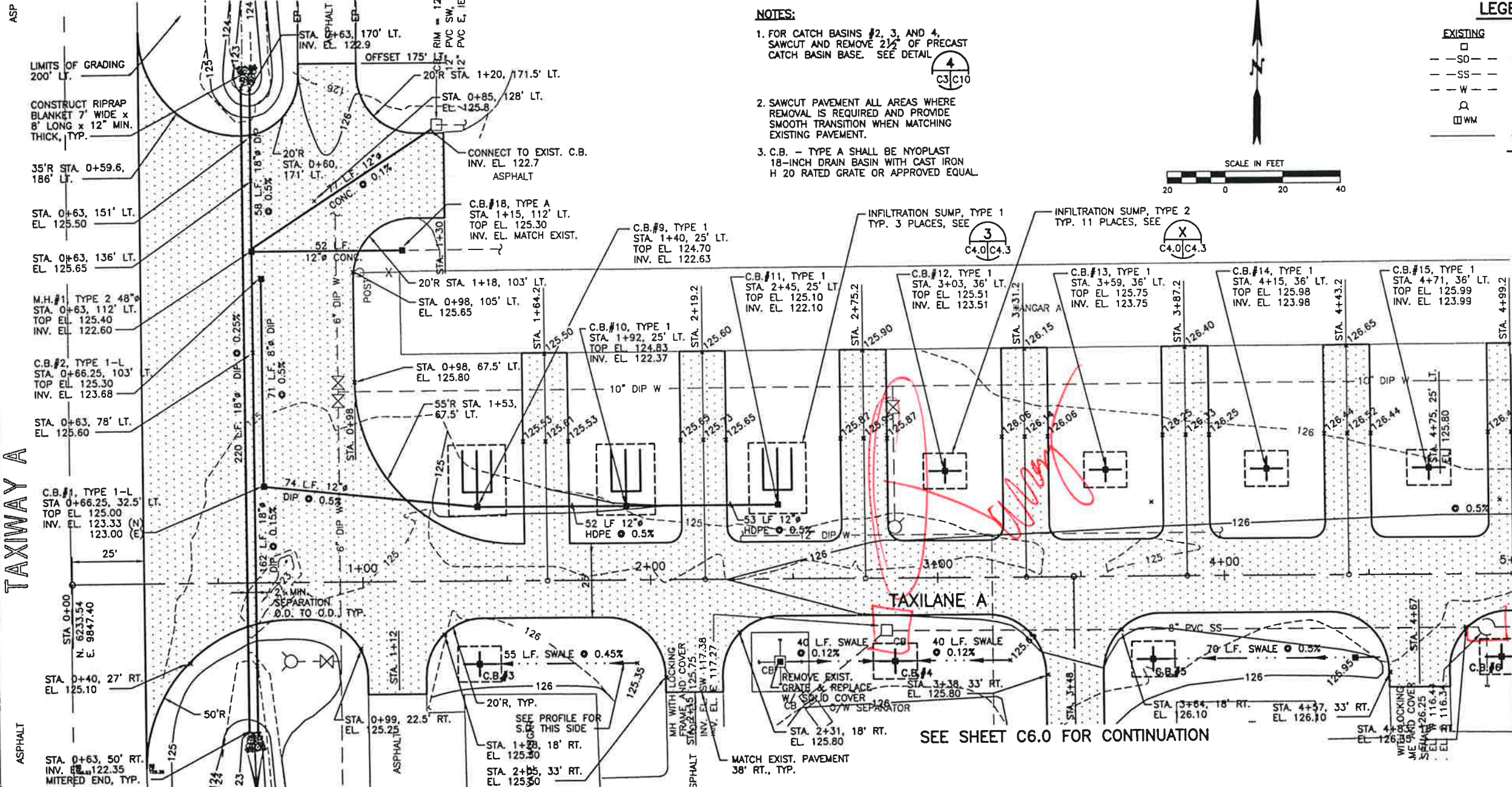
ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT
EROSION CONTROL DETAILS

SCALE	AS SHOWN
DES	MJC
OR	WMB
CH	ROJ
DATE	MAY 2002
FILE NO.	23-01-023

C3.1

of 17 SHEETS

REVISION
NO.
DATE



TAXIWAY A

TAXILANE A

STA. 5+00 MATCHLINE SEE SHEET C4.1

DITCH MATCHLINE SEE SHEET C4.1

SEE SHEET C6.0 FOR CONTINUATION

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ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT
TAXILANE A GRADING AND DRAINAGE PLAN

SCALE	AS SHOWN
DES.	MJC
DR.	WMB
CI.	ROJ
P.R.	
DATE	MAY 2002
SIZE	23-01-023

REVISION

NO.

DATE

BY

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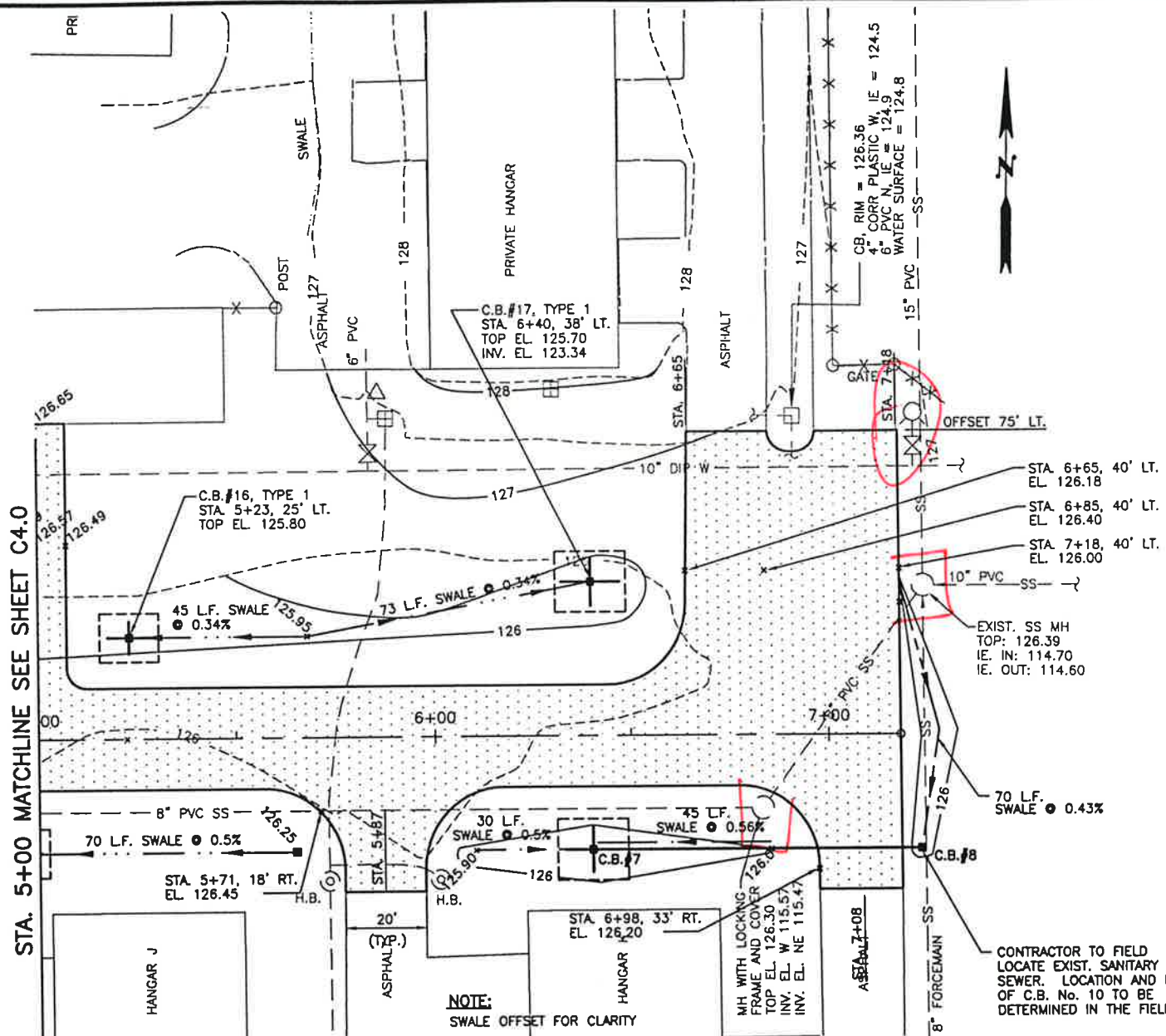
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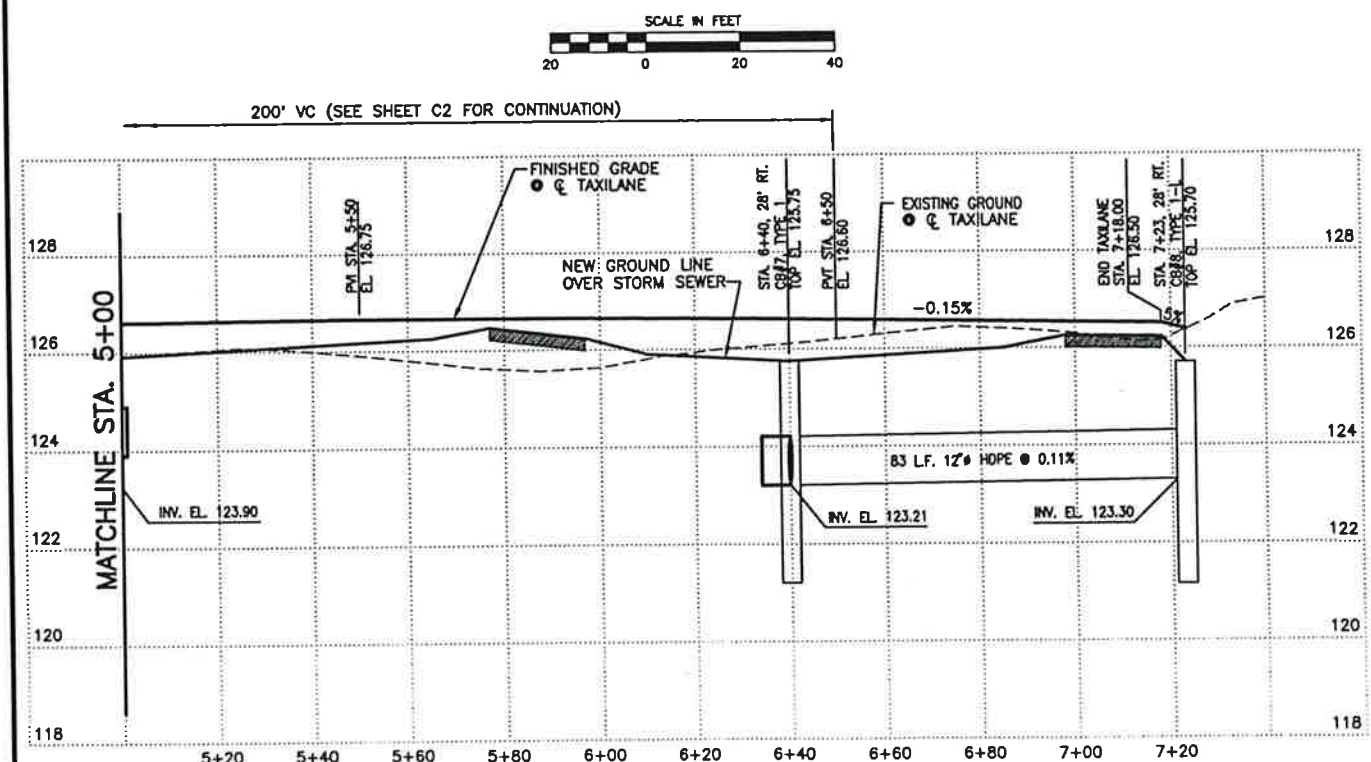
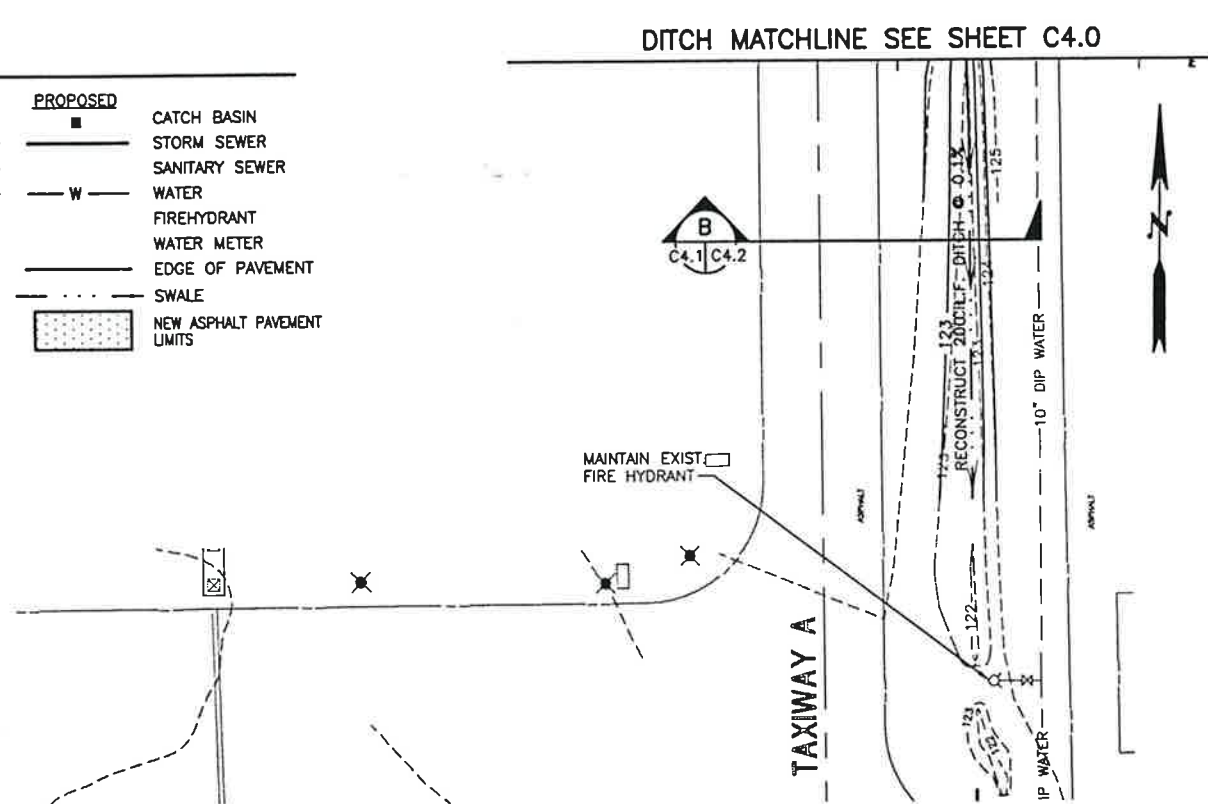
BY

BY



LEGEND

EXISTING	PROPOSED	
□	■	CATCH BASIN
-SD-	-	STORM SEWER
-SS-	-	SANITARY SEWER
-W-	-	WATER
⊕	-	FIREHYDRANT
⊕ WM	-	WATER METER
-	-	EDGE OF PAVEMENT
-	-	SWALE
-	-	NEW ASPHALT PAVEMENT LIMITS



90% SUBMITTAL

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ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT
TAXILANE A GRADING AND DRAINAGE PLAN

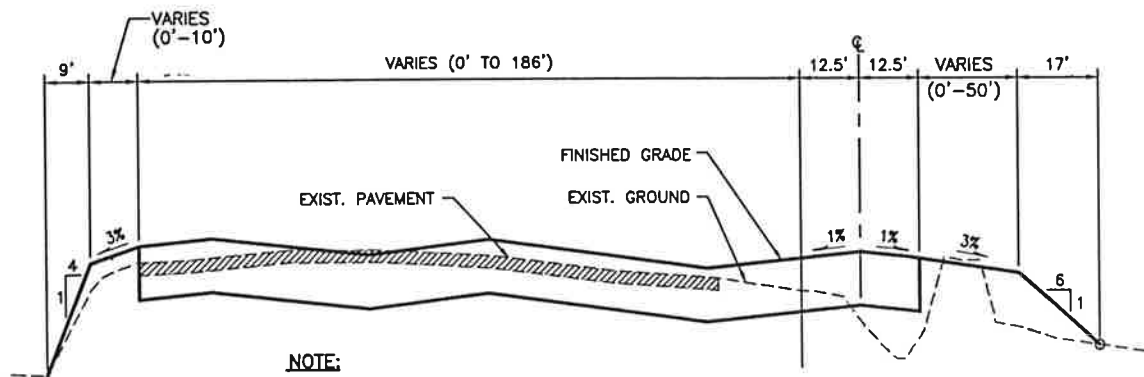
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DATE	MAY 2002
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SHEET NO. C4.1 OF 17 SHEETS

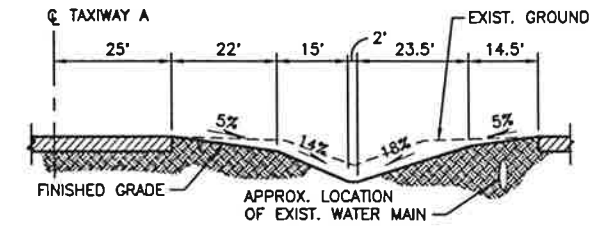
REVISION



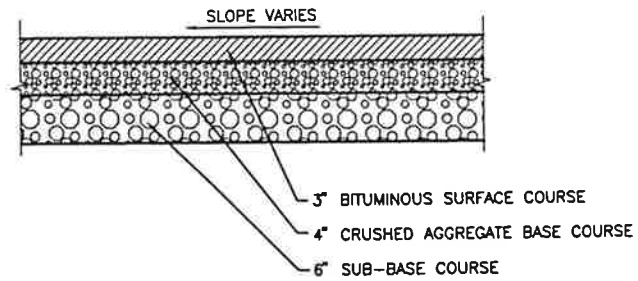
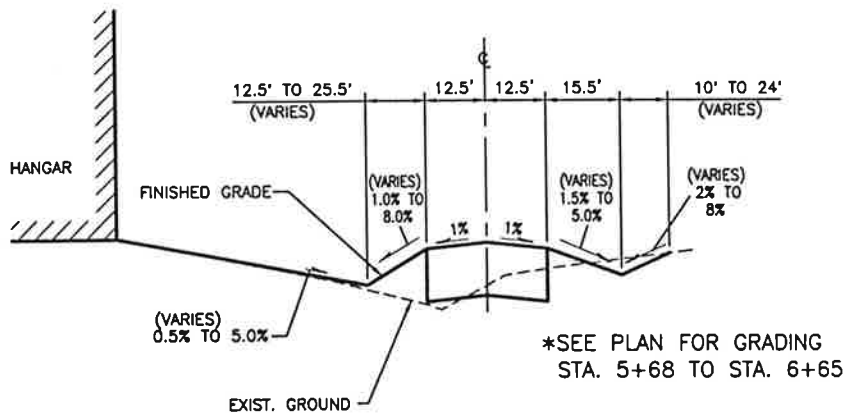
NOTE:
SEE PLAN FOR ELEVATIONS THIS AREA.

TAXILANE A - STA. 0+25 TO STA 1+30

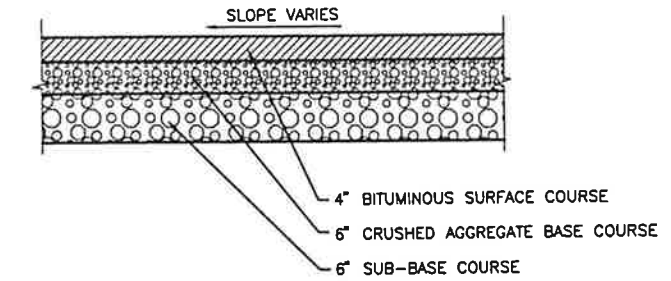
SCALE: HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



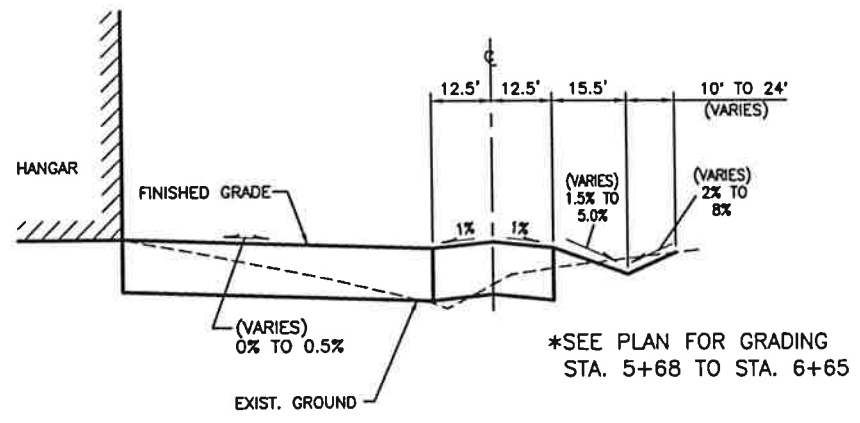
B DITCH SECTION
C4.1 | C4.2 SCALE: HORIZONTAL: 1"=40'
VERTICAL: 1"=5'



TAXILANE A & G TYPICAL PAVEMENT SECTION
NOT TO SCALE



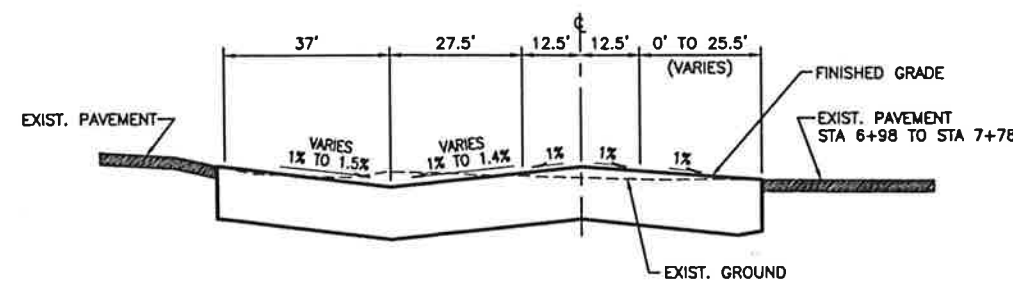
TAXIWAY B-2 TYPICAL PAVEMENT SECTION
NOT TO SCALE



ALTERNATE SECTION

TAXILANE A - STA. 1+30 TO STA. 6+65

SCALE: HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



TAXILANE A - STA. 6+65 TO STA. 7+18

SCALE: HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



EXPIRES 3/12/
90% SUBMITTAL

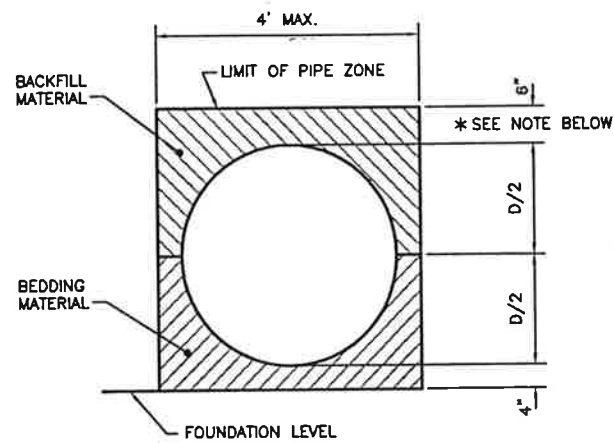
CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

REID MIDDLETON
 728 134th Street SW - Suite 200
 Everett, Washington 98204
 Ph: 425 741-3800

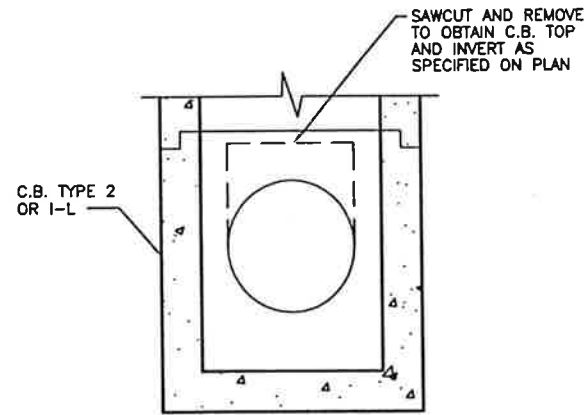
ARLINGTON MUNICIPAL AIRPORT
 TAXILANE A, G, AND TAXIWAY B-2
 IMPROVEMENT PROJECT
 TAXILANE A TYPICAL SECTIONS

SCALE AS SHOWN	SHEET NO.
DES. MJC	C4.2
DR. WMB	
CH. ROJ	
F.S.	OF 17 SHEETS
DATE MAY 2002	
FILE NO. 23-01-023	

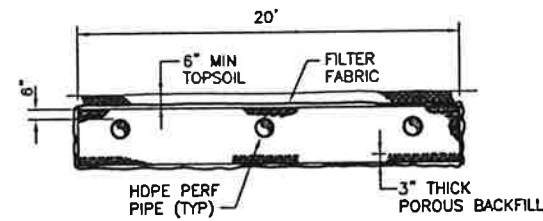


* FOR TRENCHING BELOW PAVED AREAS THE "LIMIT OF PIPE ZONE" SHALL EXTEND TO THE PAVEMENT SECTION.

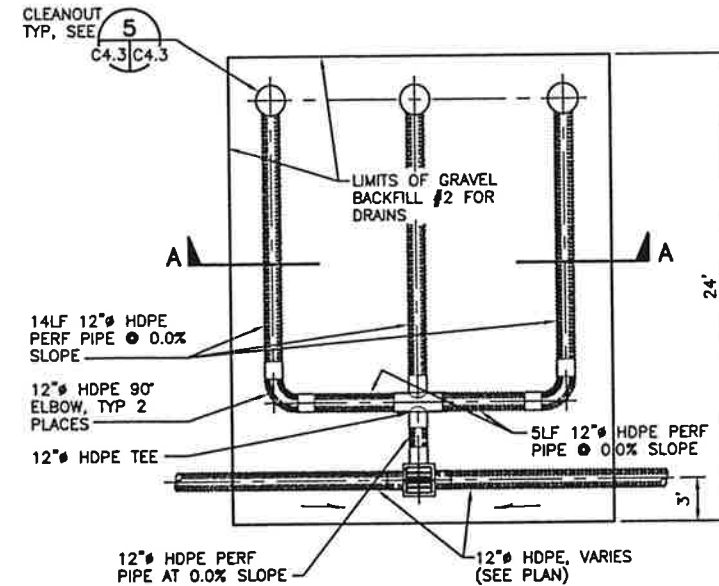
1 DETAIL - BEDDING AND BACKFILL
C4.3/C4.3 NOT TO SCALE



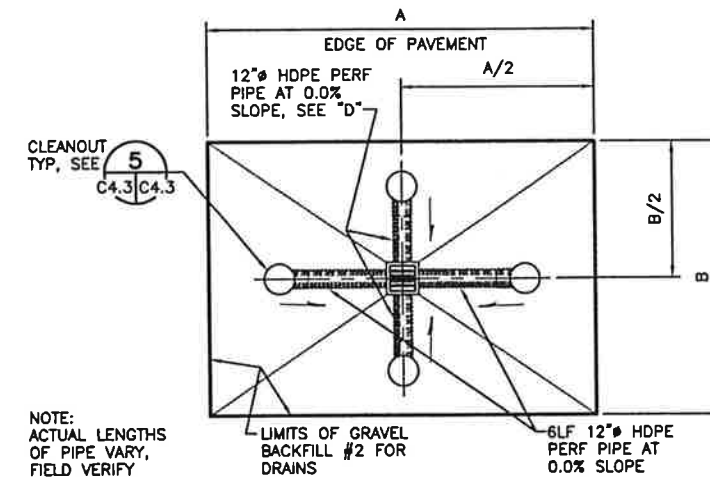
2 DETAIL - PRECAST CONCRETE C.B. BASE
C4.1/C4.3 NOT TO SCALE



SECTION A-A
SCALE: NONE



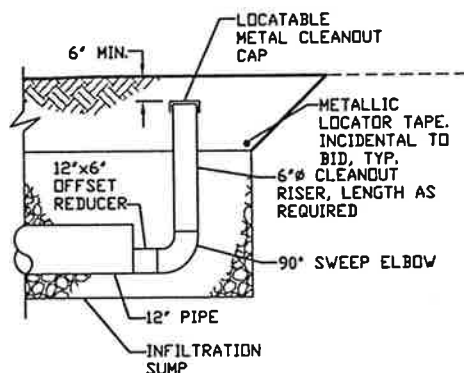
3 DETAIL - INFILTRATION SUMP TYPE 1
C4.0/C4.3 SCALE: NONE



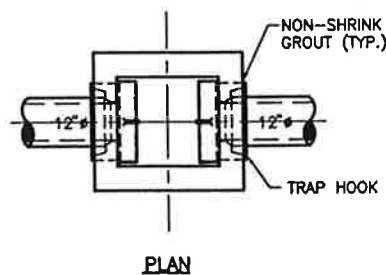
NOTE: ACTUAL LENGTHS OF PIPE VARY, FIELD VERIFY

SCHEDULE				
CB #	A	B	C	D
3-6, 12-16	15	12	5.5	4
7, 17	18	15	7	5.5

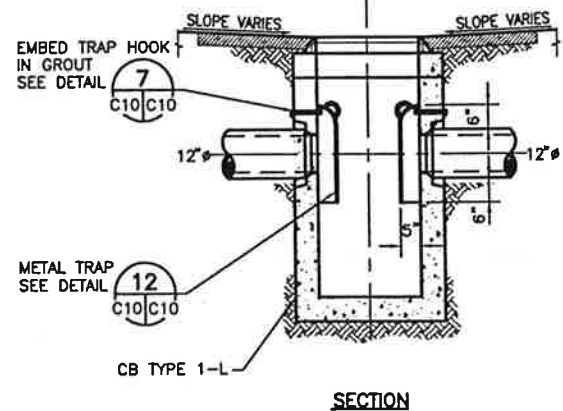
4 DETAIL - INFILTRATION SUMP TYPE 2
C4.0/C4.3 SCALE: NONE



5 DETAIL - CLEANOUT
C4.3/C4.3 SCALE: 1"=2'

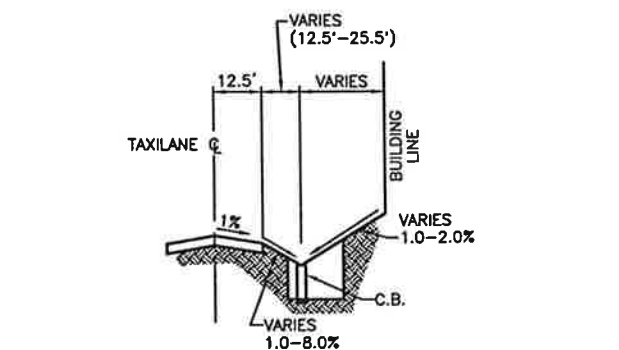


PLAN

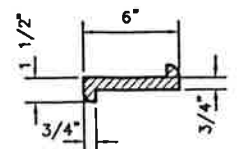


NOTE:
APPLIES TO CATCH BASIN
NO.S 2, 5, 6, 7, 8, 9, & 10.

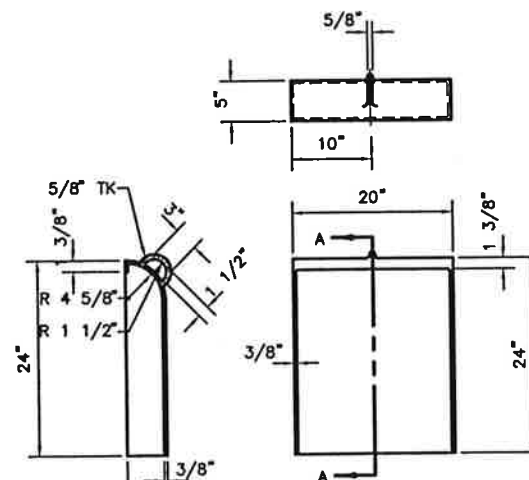
5 DETAIL - CATCH BASIN AT INFILTRATION TRENCH
C4.3/C4.3 NOT TO SCALE



A SECTION - TYPICAL INFILTRATION SUMP
C4.0/C4.3 SCALE: HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



6 DETAIL - TRAP HOOK
C4.3/C4.3 NOT TO SCALE



NOTE:
ALL MATERIAL TO BE FABRICATED 16 GA.
ALUMINUM OR APPROVED EQUAL.

7 DETAIL - METAL TRAP
C4.3/C4.3 NOT TO SCALE



EXPIRES 3/12/2008
90% SUBMITTAL

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555

NOTE:
IF "L" DOES NOT MEASURE 1"
ADJUST SCALES ACCORDINGLY.

NO.	DATE	BY	REVISION

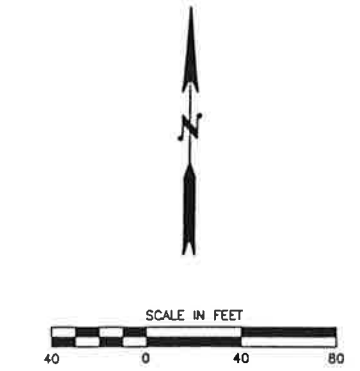
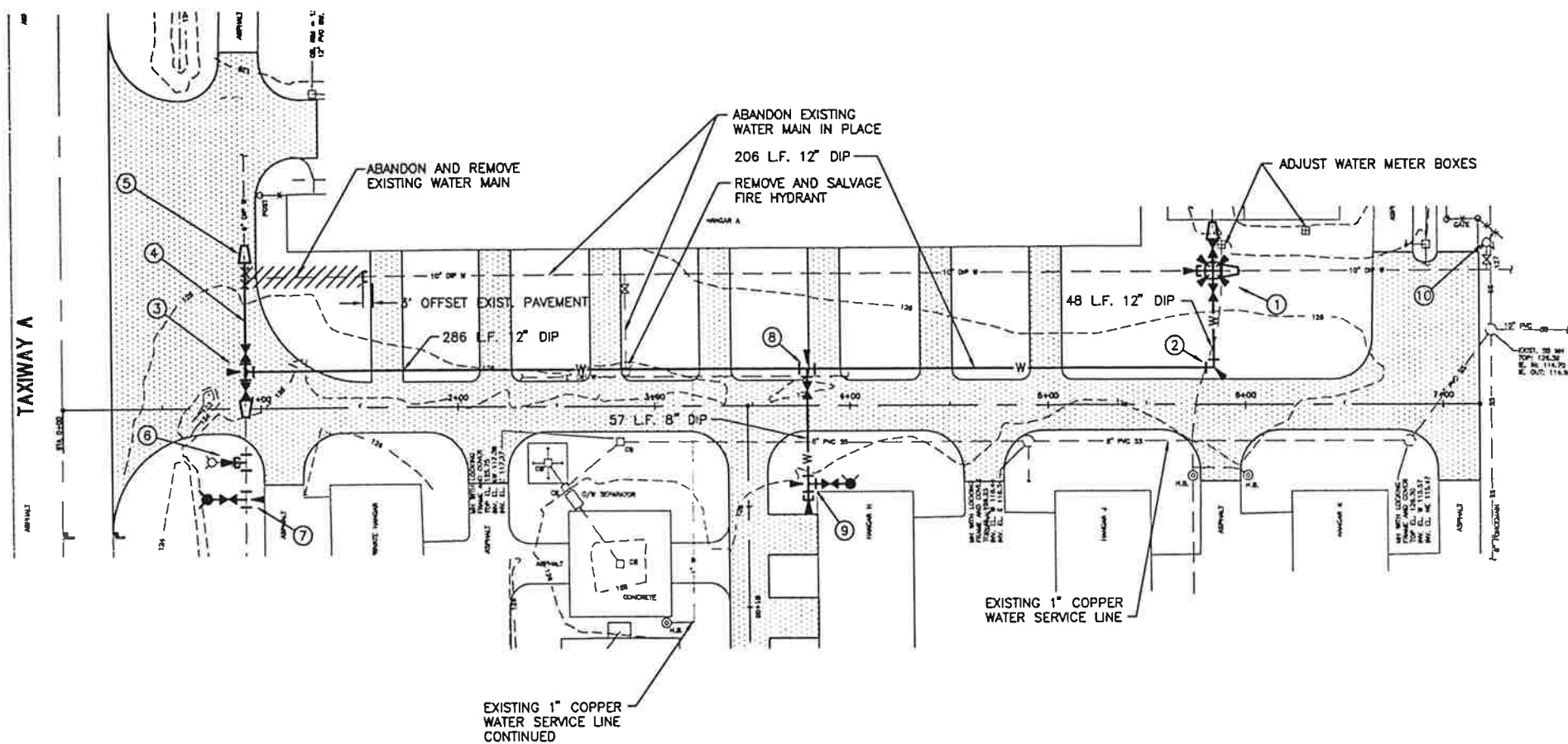
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ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT

TAXILANE A STORM DRAINAGE DETAILS

SCALE AS SHOWN	SHEET NO.
DES: MJC	C4.3
DR: WMB	OF 17 SHEETS
CH: ROJ	DATE: MAY 2002
FILE: 23-01-023	

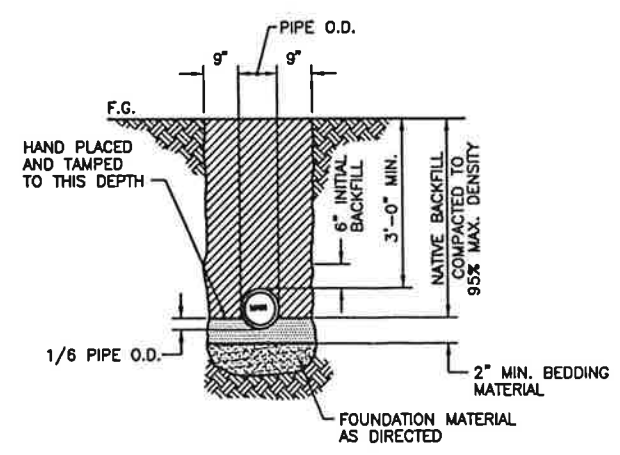


LEGEND

EXISTING	PROPOSED	
□	□	CATCH BASIN
---SD---	---	STORM SEWER
---SS---	---	SANITARY SEWER
---W---	---W---	WATER
⊙	⊙	FIREHYDRANT
⊙ WM	⊙ WM	WATER METER
---	---	EDGE OF PAVEMENT
	▨	NEW ASPHALT PAVEMENT LIMITS

CONSTRUCTION NOTES:

1. CONNECT TO EXISTING 10" DI EAST AND 6" PVC NORTH - CUT IN.
 1 - 12" CROSS FL
 1 - 12" GATE VALVE FLxMJ
 1 - 12" GATE VALVE FLxFL
 1 - 12" BLIND FLANGE
 1 - 12"x10" REDUCER
 1 - 12"x6" REDUCER
 THRUST BLOCKING
 TIE DOWN VALVE CONNECTED TO PVC PIPE.
2. 1 - 90° BEND MJxMJ
 THRUST BLOCKING
3. CONNECT TO EXISTING 10" DI SOUTH - CUT IN.
 1 - 12" TEE FLxFLxMJ
 1 - 12" GATE VALVE FLxMJ
 1 - 12" GATE VALVE FLxFL
 1 - 12"x10" REDUCER
 THRUST BLOCKING
4. REMOVE EXISTING 10" DI, VALVES, AND FITTINGS.
 CONNECT 56 L.F. 12" DI.
5. CONNECT TO EXISTING 10" DI NORTH - CUT IN.
 1 - 12"x10" REDUCER
 THRUST BLOCKING
6. REMOVE AND SALVAGE FIRE HYDRANT.
 PLUG TEE AT MAIN.
 1 - 6" PLUG
 THRUST BLOCK
7. CONNECT TO EXISTING SYSTEM - WET TAP.
 1 - 6" ON 10" WET TAP
 FIRE HYDRANT ASSEMBLY STD. DETAIL W1
 AT STA. 0+73, 45' RT.
8. 1 - 12"x12"x8" TEE MJxMJxFL
 1 - 8" GATE VALVE FLxMJ
9. LOCATE FIRE HYDRANT ASSEMBLY 5'-0" NORTH OF BUILDING AND WEST 1'-0".
 1 - 8" TEE MJxMJxFL
 1 - 8" PLUG
 1 - FIRE HYDRANT ASSEMBLY (STD. DETAIL W1)
 THRUST BLOCKING
10. ADJUST FIRE HYDRANT HEIGHT; SET FLANGE AT GRADE ON UPHILL SIDE. ROTATE PUMPER PORT TO THE WEST.
11. FIRE HYDRANT ASSEMBLY STD. DETAIL W1
 1 - 8"x8"x6" TEE FLxFLxMJ
 1 - 8" GATE VALVE FLxMJ
 1 - 8" ADAPTOR FLxMJ
 THRUST BLOCKING

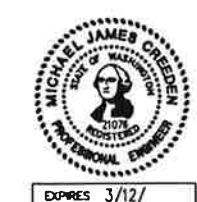


SECTION-TYPICAL WATER TRENCH
 NOT TO SCALE

REVISION
 NO. DATE BY
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ARLINGTON MUNICIPAL AIRPORT
 TAXILANE A, G, AND TAXIWAY B-2
 IMPROVEMENT PROJECT
 WATER AND SEWER PLAN AND DETAILS



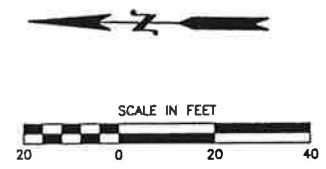
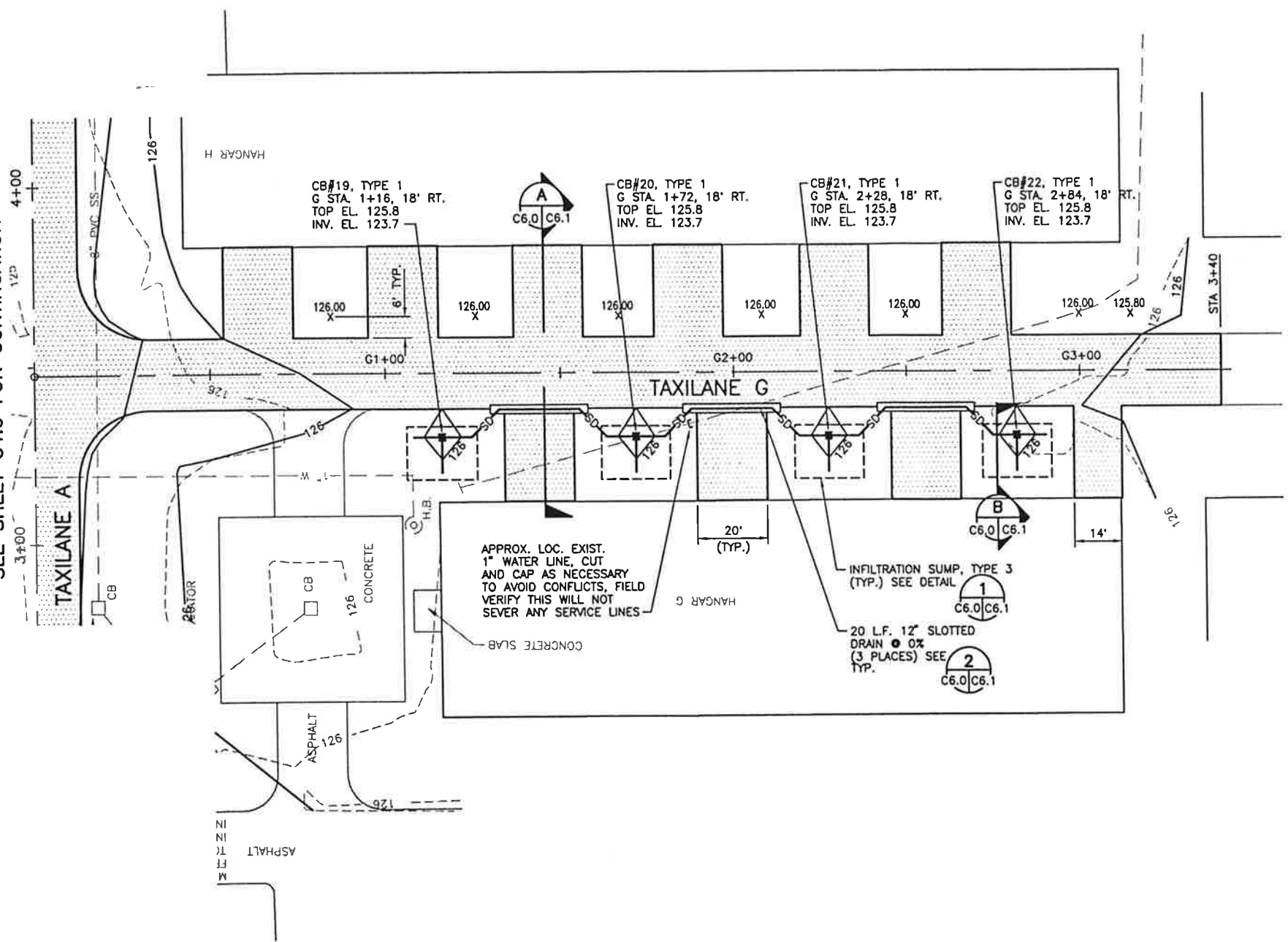
CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555

90% SUBMITTAL

NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

SCALE AS SHOWN	SHEET NO. C5.0
DR. MJC	OF 17 SHEETS
CH. ROJ	DATE MAY 2002
FILE 23-01-023	

SEE SHEET C4.0 FOR CONTINUATION

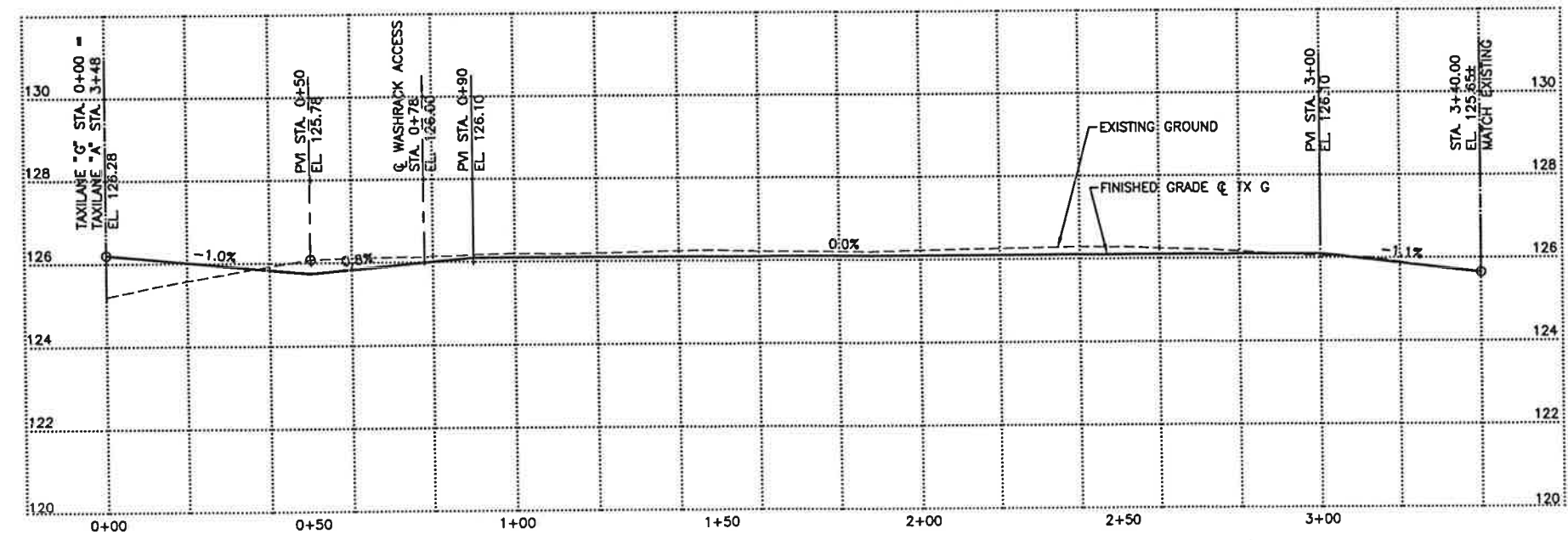


LEGEND

EXISTING	PROPOSED	
□	■	CATCH BASIN
---	---	STORM SEWER
---	---	SANITARY SEWER
---	---	WATER
⊙	---	FIREHYDRANT
⊠	---	WATER METER
---	---	EDGE OF PAVEMENT
---	---	SWALE
---	---	NEW ASPHALT PAVEMENT LIMITS

NOTES:

1. NEW PAVEMENT SHALL BE FLUSH WITH EXISTING CONCRETE SLAB AT HANGARS.



EXPIRES 3/12/2003
90% SUBMITTAL

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555

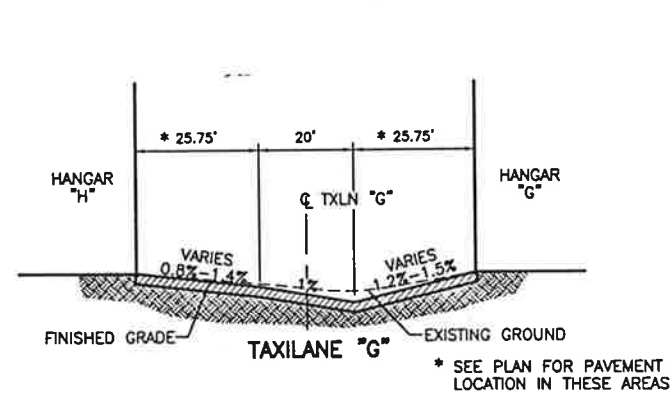
NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

ARLINGTON MUNICIPAL AIRPORT
 TAXILANE A, G, AND TAXIWAY B-2
 IMPROVEMENT PROJECT
 TAXILANE G GRADING AND DRAINAGE PLAN

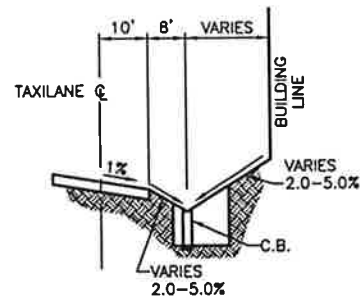
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 Ph: 425-741-3800

ReidMiddleton

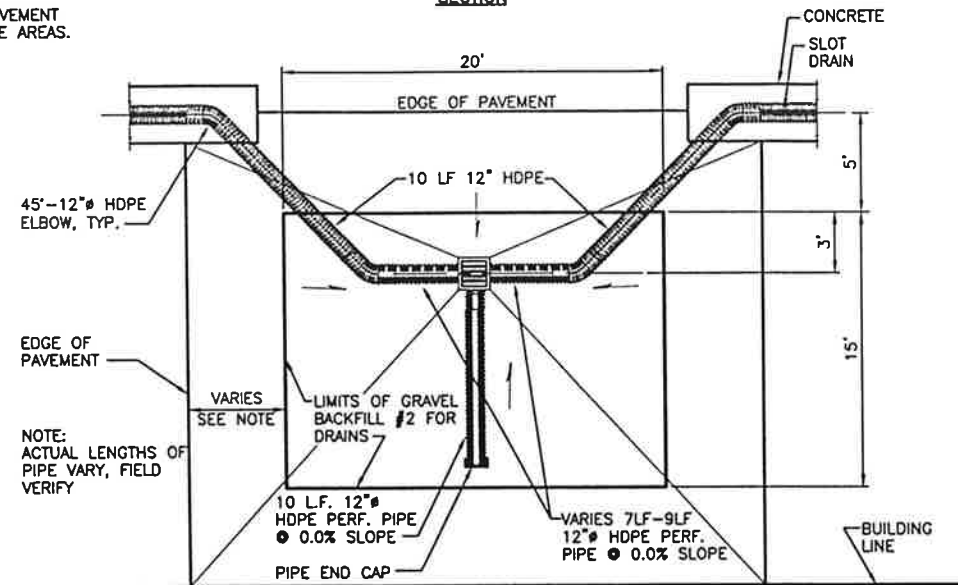
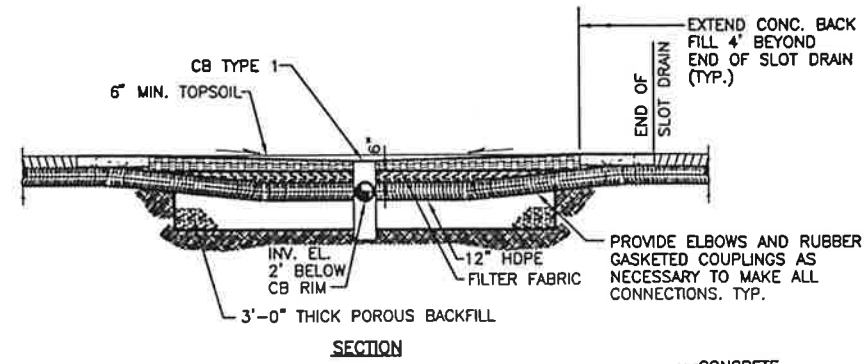
SCALE AS SHOWN
 DESIGNED BY MJC
 DRAWN BY WMB
 CHECKED BY ROJ
 SHEET NO. C6.0
 DATE MAY 2002
 NO. 23-01-023



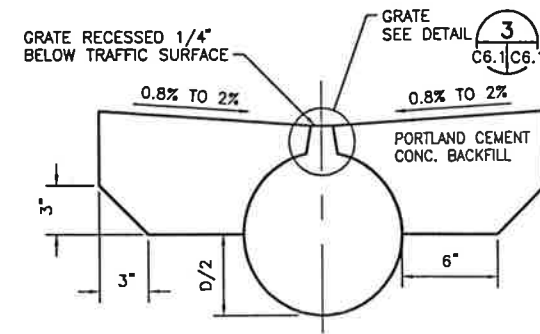
A SECTION -- TYPICAL GRADING
 C6.0/C6.1 SCALE: HORIZONTAL: 1"=20'
 VERTICAL: 1"=5'



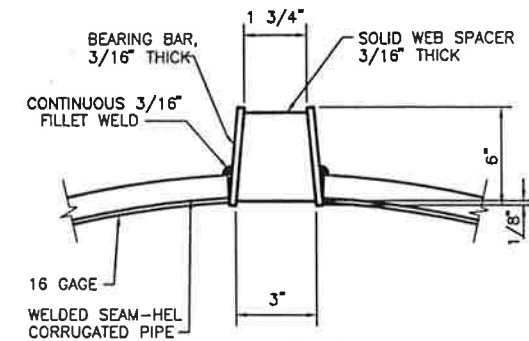
B SECTION -- TYPICAL INFILTRATION SUMP
 C6.0/C6.1 SCALE: HORIZONTAL: 1"=20'
 VERTICAL: 1"=5'



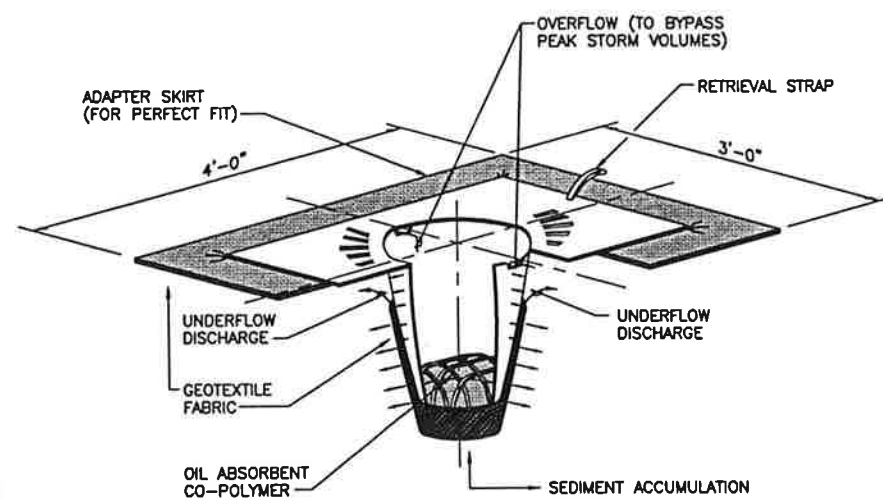
1 DETAIL -- INFILTRATION SUMP TYPE 3
 C/C6.1 SCALE: HORIZONTAL: 1"=5'
 VERTICAL: 1"=5'



2 DETAIL -- SLOTTED DRAIN
 C6.0/C6.1 NOT TO SCALE



3 DETAIL -- STANDARD GRATE
 C6.1/C6.1 NOT TO SCALE



5 DETAIL -- OIL & GREASE CATCH BASIN INSERT
 C/C6.1 NOT TO SCALE



EXPIRES 3/12/
90% SUBMITTAL

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NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

NO.	DATE	BY

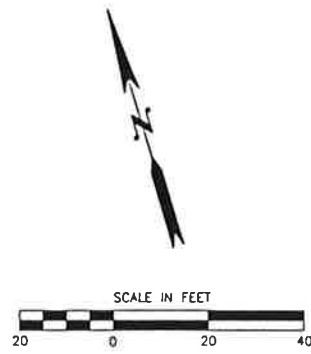
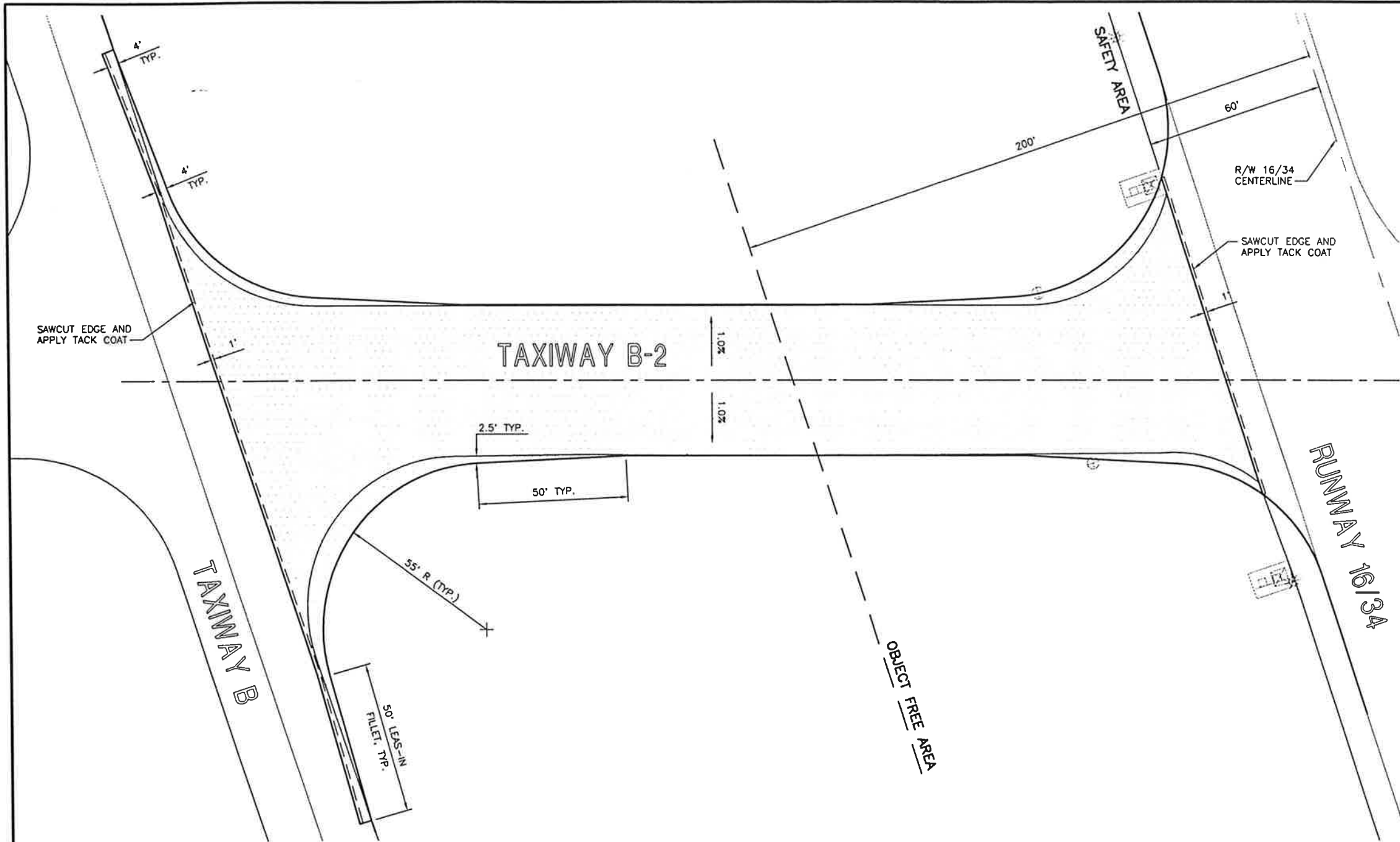
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ARLINGTON MUNICIPAL AIRPORT
 TAXILANE A, G, AND TAXIWAY B-2
 IMPROVEMENT PROJECT

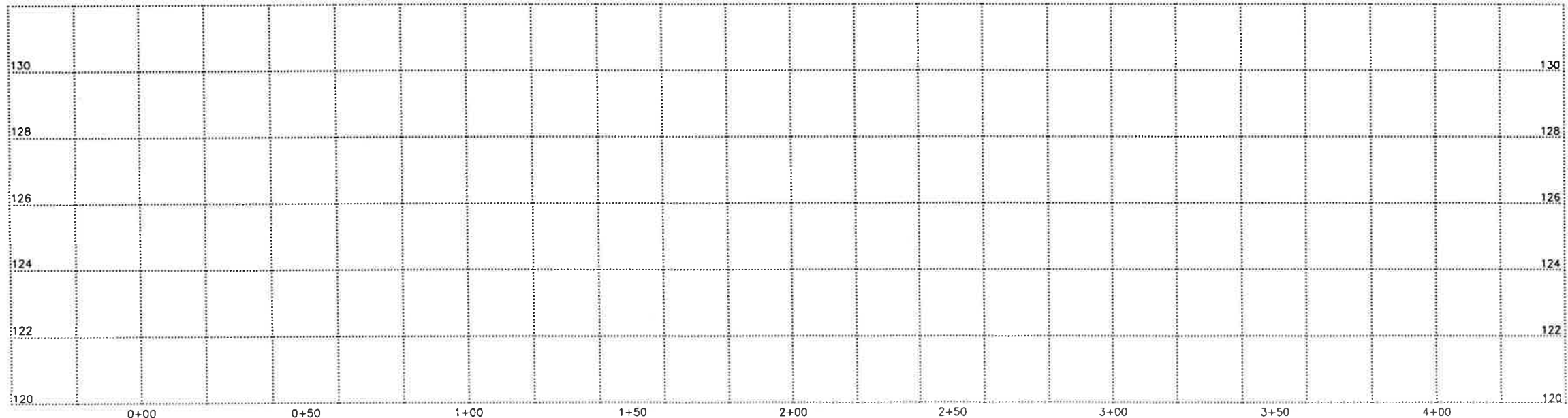
TAXILANE G GRADING & DRAINAGE DETAILS

SCALE	AS SHOWN
DES. MJC	SHEET NO.
DR. WMB	C6.1
CL. ROJ	OF 17 SHEETS
DATE	MAY 2002
NO.	23-01-023



LEGEND

- NEW ASPHALT PAVEMENT LIMITS
- SAWCUT

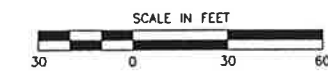
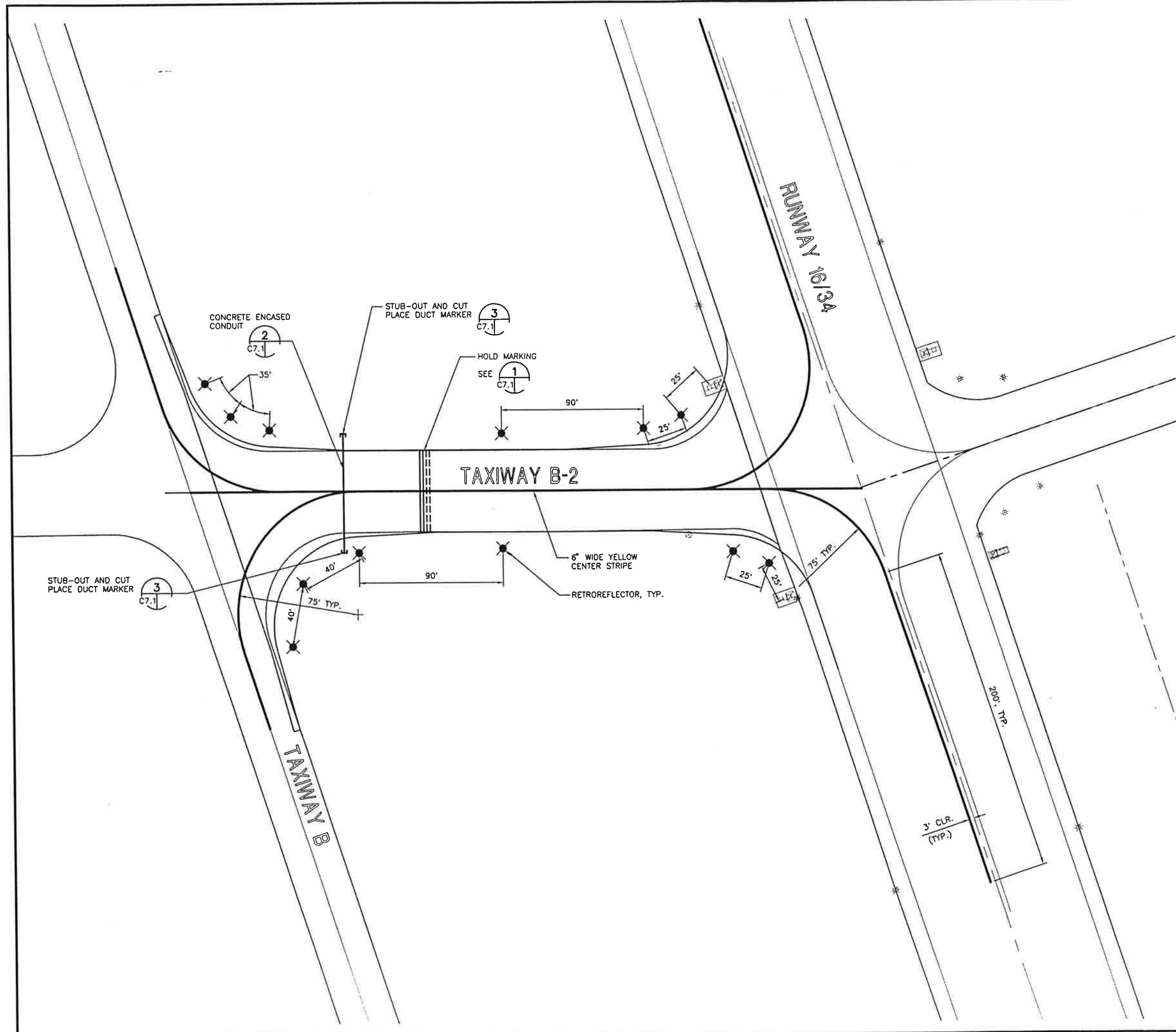


EXPIRES 3/12/2002
90% SUBMITTAL

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1-800-424-5555

NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

ARLINGTON MUNICIPAL AIRPORT TAXILANE A, G, AND TAXIWAY B-2 IMPROVEMENT PROJECT TAXIWAY B-2 GRADING AND DRAINAGE PLAN		REID MIDDLETON 728 134th Street SW - Suite 200 Everett, Washington 98204 Ph: 425 741-3800
SCALE AS SHOWN DES: MJC OR: WMB CH: ROJ P.B.	SHEET NO. C7.0 OF 17 SHEETS	DATE: MAY 2002 FILE NO: 23-01-023



NOTES:
 1. SAWCUT PAVEMENT ALL AREAS WHERE REMOVAL IS REQUIRED AND PROVIDE SMOOTH TRANSITION WHEN MATCHING EXISTING PAVEMENT.

LEGEND
 * RETROREFLECTOR

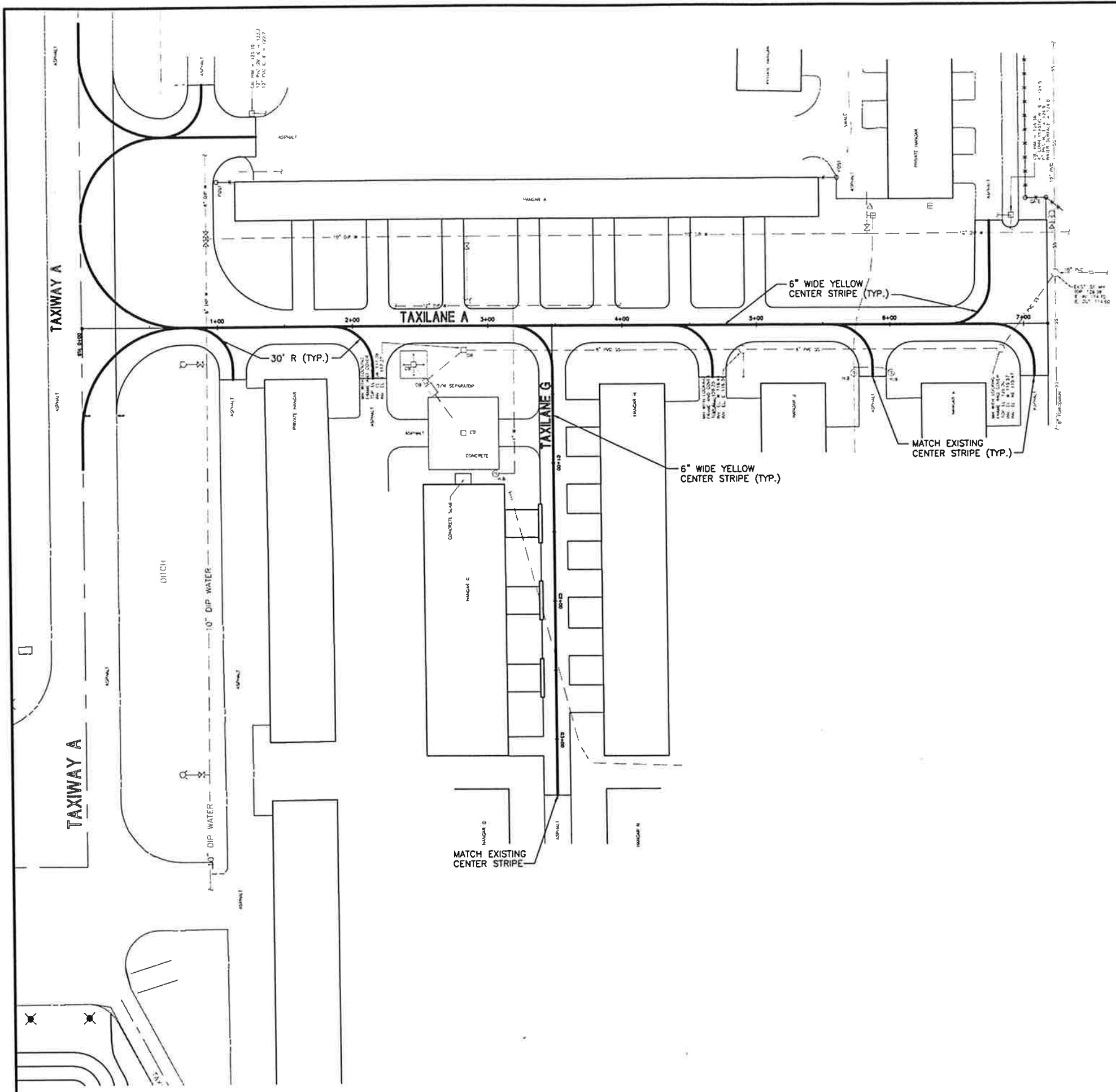


EXPIRES 3/12/02
90% SUBMITTAL

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1-800-424-5555

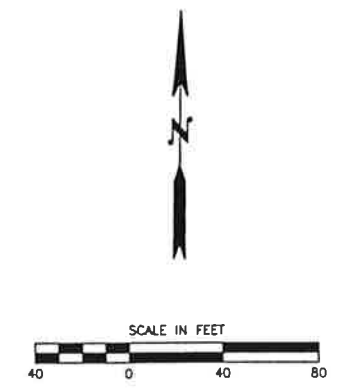
NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

<p>Reid Middleton</p> <p>728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3900</p>	<p>ARLINGTON MUNICIPAL AIRPORT TAXILANE A, G, AND TAXIWAY B-2 IMPROVEMENT PROJECT</p> <p>TAXIWAY B-2 MARKING PLAN</p>															
<p>SCALE AS SHOWN</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">DES: MJC</td> <td style="width: 30%;">SHEET NO:</td> <td style="width: 40%; text-align: center;">C7.1</td> </tr> <tr> <td>DR: WMB</td> <td></td> <td></td> </tr> <tr> <td>CH: ROJ</td> <td></td> <td></td> </tr> <tr> <td colspan="2">DATE: MAY 2002</td> <td>OF 17 SHEETS</td> </tr> <tr> <td colspan="2">FILE: 23-01-023</td> <td></td> </tr> </table>		DES: MJC	SHEET NO:	C7.1	DR: WMB			CH: ROJ			DATE: MAY 2002		OF 17 SHEETS	FILE: 23-01-023		
DES: MJC	SHEET NO:	C7.1														
DR: WMB																
CH: ROJ																
DATE: MAY 2002		OF 17 SHEETS														
FILE: 23-01-023																
<p>NO. DATE BY</p> <p>REVISION</p>																

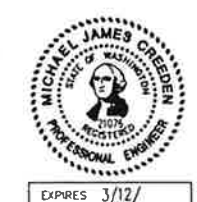


LEGEND

— 6" WIDE YELLOW CENTER STRIPE



TAXILANE A & G STRIPING PLAN
SCALE: 1"=40'

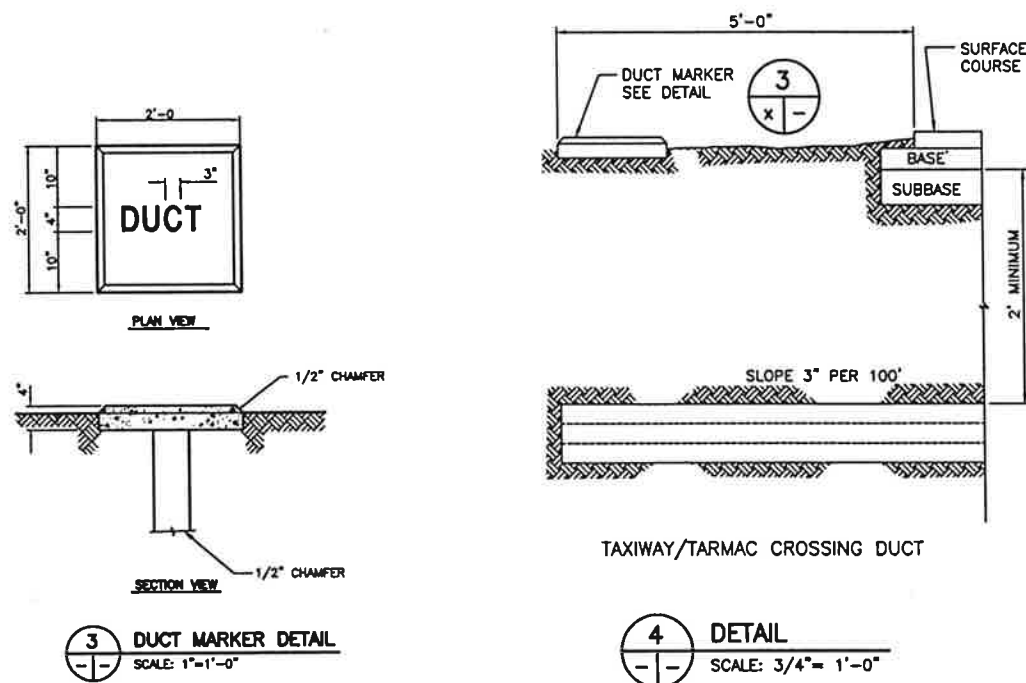
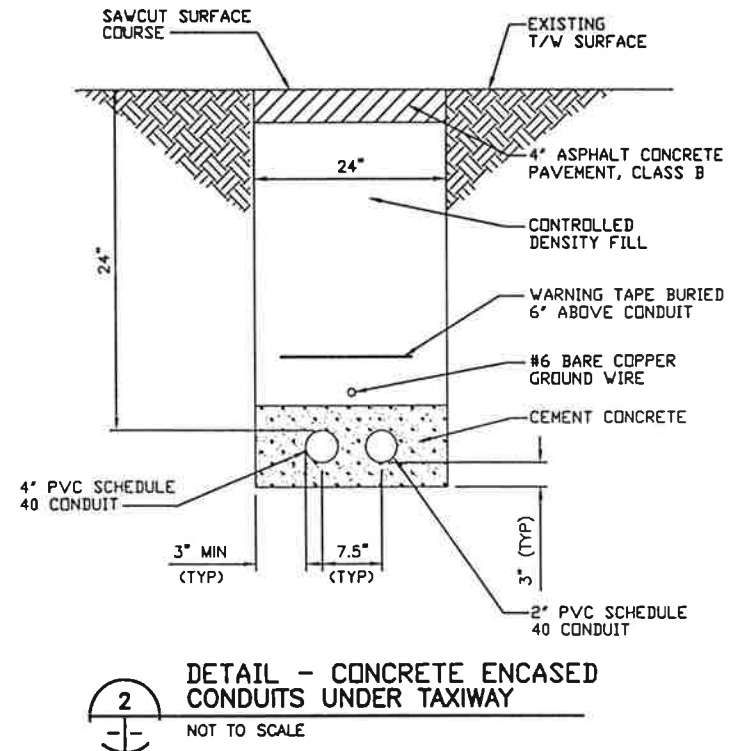
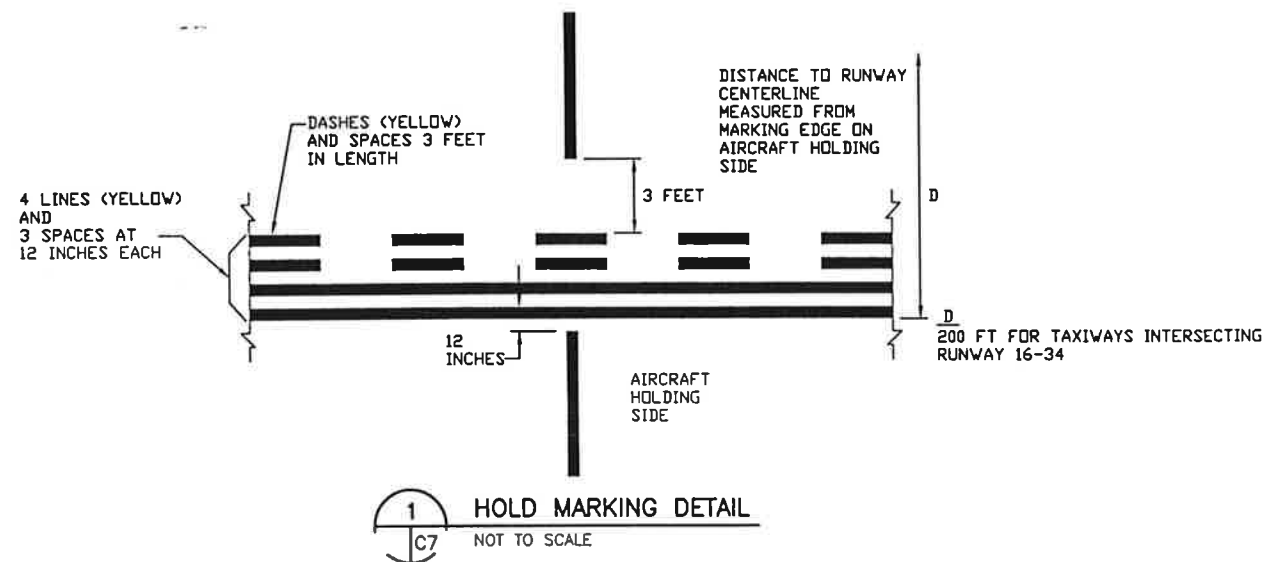


EXPRES 3/12/02
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NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

ARLINGTON MUNICIPAL AIRPORT TAXILANE A, G, AND TAXIWAY B-2 IMPROVEMENT PROJECT		728 134th Street SW - Suite 200 Everett, Washington 98204 Ph: 425 741-3800	
TAXILANE MARKING PLAN		REID MIDDLETON	
SCALE AS SHOWN	SHEET NO. C8.0	DES. MJC	NO. DATE BY
DR. WMB	OF 17 SHEETS	CH. ROJ	
DATE MAY 2002			
FILE 23-01-023			



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NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY.

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Everett, Washington 98204
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ARLINGTON MUNICIPAL AIRPORT
TAXILANE A, G, AND TAXIWAY B-2
IMPROVEMENT PROJECT
MISCELLANEOUS DETAILS

SCALE	AS SHOWN
DES. MJC	SHEET NO.
DR. WMB	C9.0
CL. ROJ	OF 17 SHEETS
P.B.	
DATE	MAY 2002
FILE	23-01-023

REVISION
NO. DATE BY