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- 780001-01 TYPICAL PAVEMENT MARKINGS
- 814001-01 HANDHOLES
- 886001 DETECTOR LOOP INSTALLATIONS
- 886006 TYPICAL LAYOUTS FOR DETECTION LOOPS
- BLR 23-1 TRAFFIC BARRIER TERMINAL TYPE 1

**SUMMARY OF QUANTITIES**

SEE SHEET 2

# CONSTRUCTION PLANS FOR QUAD CITY INTERNATIONAL AIRPORT ROCK ISLAND COUNTY ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION



**ILLINOIS PROJECT # MLI-3673  
AIP PROJECT NO. 3-17-0068-XX  
AIRPORT CLASSIFICATION - AIR CARRIER  
LATITUDE 41°26'51.4", LONGITUDE 91°31'41.6", ELEVATION 589 M.S.L.**

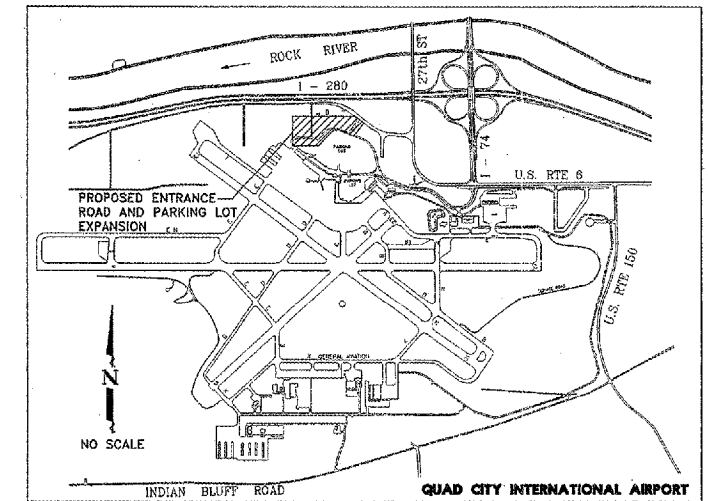
AIRCRAFT APPROACH CATEGORY - D  
AIRCRAFT DESIGN GROUP - IV

APRIL 20, 2007  
OFFICIAL DATE OF PLANS

**BEFORE YOU DIG CALL JULLIE**  
1-800-892-0123

**BEFORE YOU DIG CALL QUAD CITY AIRPORT**  
1-309-764-9621

**BEFORE YOU DIG CALL F.A.A.**  
1-309-793-5832



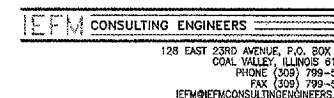
**PROJECT LOCATION MAP**

**UTILITY NOTE**

THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS THAT ARE INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES AND TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLAN MAY BE PRESENT. GIVE FORTY-EIGHT HOURS NOTICE TO ALL UTILITY COMPANIES PRIOR TO STARTING CONSTRUCTION OPERATIONS, INCLUDING QUAD CITY AIRPORT & F.A.A. FACILITIES NOT ON J.U.L.I.E.

**Metropolitan Airport  
Authority  
OF ROCK ISLAND COUNTY**

*Bruce Carter*  
5/15/07 DATE APPROVED



	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Illinois.</p> <p style="text-align: right;"><i>Daniel R. Mount</i> 5/14/07 DANIEL R. MOUNT, PE #082-047419 DATE</p> <p>My License renewal date is November 30, 2007. Pages or sheets covered by this seal: 39-41</p>
	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Illinois.</p> <p style="text-align: right;"><i>Ali A. Gharami</i> 5/14/07 ALI A. GHARAMI, SE #081-005060 DATE</p> <p>My License renewal date is November 30, 2008. Pages or sheets covered by this seal: 23-28</p>
	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Illinois.</p> <p style="text-align: right;"><i>Scott A. Stephenson</i> 5/14/07 SCOTT A. STEPHENSON, PE #062-055600 DATE</p> <p>My License renewal date is November 30, 2007. Pages or sheets covered by this seal: 1-22, 23-38</p>

# SUMMARY OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ENTRANCE ROAD		PARKING LOT	
				FED./STATE/LOCAL		LOCAL	
				BID QUANTITY	FINAL QUANTITY	BID QUANTITY	FINAL QUANTITY
AR106512	TYPE A AREA LGT POLE W/2 FIXTURES	EACH	3				3
AR106521	TYPE B AREA LGT POLE W/1 FIXTURE	EACH	8	8			
AR106531	TYPE C AREA LGT POLE W/1 FIXTURE	EACH	2				2
AR106641	TYPE D ASSEMBLY- 1 FIXTURE	EACH	6	6			
AR106965	RELOCATE LIGHT POLE & FIXTURE	EACH	9	2			7
AR108406	1/C #6 600 V UG CABLE	L.F.	6,480	6,480			
AR108410	1/C #10 600 V UG CABLE	L.F.	12,000	4,000			8,000
AR108800	CONTROL CABLE	L.F.	450				450
AR110201	1" PVC DUCT, DIRECT BURY	L.F.	3,350	1,350			2,000
AR110202	2" PVC DUCT, DIRECT BURY	L.F.	1,000	1,000			
AR110610	ELECTRICAL HANDHOLE	EACH	10	5			5
AR110906	REMOVE ELECTRICAL HANDHOLE	EACH	2	2			
AR150530	TRAFFIC MAINTENANCE	L.S.	1	0.90			0.10
AR151420	CLEARING TREES 0-2.5' BUTT. DIA.	EACH	38	10			28
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	764	364			400
AR152440	BORROW EXCAVATION	C.Y.	30,137	15,408			14,729
AR156500	TEMPORARY EROSION CONTROL	L.S.	1	0.75			0.25
AR156513	SEPARATION FABRIC	S.Y.	23,570	7,802			15,768
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	5,789	1,909			3,880
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	570	570			
AR501506	6" PCC PAVEMENT	S.Y.	15,925				15,925
AR501508	8" PCC PAVEMENT	S.Y.	6,574	6,574			
AR501530	PCC TEST BATCH	EACH	1	0.36			0.64
AR501604	4" PCC SIDEWALK	S.F.	6,482				6,482
AR501690	PCC SIDEWALK REMOVAL	S.F.	2,526				2,526
AR501900	REMOVE PCC PAVEMENT	S.Y.	8,348	7,098			1,250
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	4,562	372			4,190
AR620900	PAVEMENT MARKING REMOVAL	S.F.	438				438
AR701200	SLOTTED DRAIN	L.F.	1,047				1,047
AR701206	6" CMP	L.F.	20	20			
AR701224	24" CMP	L.F.	58				58
AR701412	12" RCP, CLASS III	L.F.	345	277			68
AR701415	15" RCP, CLASS III	L.F.	113	57			56
AR701418	18" RCP, CLASS III	L.F.	20	20			
AR701424	24" RCP, CLASS III	L.F.	628	617			11
AR701430	30" RCP, CLASS III	L.F.	186	186			
AR701436	36" RCP, CLASS III	L.F.	136	136			
AR701900	REMOVE PIPE	L.F.	1,543	1,543			
AR705504	4" PERFORATED UNDERDRAIN	L.F.	3,850	3,850			
AR751411	INLET - TYPE A	EACH	11	9			2
AR751412	INLET - TYPE B	EACH	4	4			
AR751415	INLET - SPECIAL	EACH	1				1
AR751540	MANHOLE 4'	EACH	3				3
AR751550	MANHOLE 5'	EACH	3	3			
AR751900	REMOVE INLET	EACH	21	21			
AR751903	REMOVE MANHOLE	EACH	8	8			
AR751983	RECONSTRUCT MANHOLE	EACH	3				3
AR752206	METAL END SECTION 6"	EACH	1	1			
AR752436	PRECAST REINFORCED CONC. FES 36"	EACH	1	1			
AR760506	6" DUCTILE IRON WATER MAIN	L.F.	87	87			
AR760508	8" DUCTILE IRON WATER MAIN	L.F.	80	80			
AR760516	18" DUCTILE IRON WATER MAIN	L.F.	185	185			
AR760800	FIRE HYDRANT	EACH	1	1			
AR760905	REMOVE FIRE HYDRANT	EACH	2	2			
AR801552	6" WATER VALVE	EACH	1	1			
AR801553	8" WATER VALVE	EACH	1	1			
AR801554	16" WATER VALVE	EACH	1	1			
AR801555	ABANDON WATERMAIN	L.S.	1	1			
AR801556	REMOVE GUARD RAIL	L.F.	1,253				1,253
AR801557	REMOVE AND REERECT STEEL PLATE BEAM GUARD RAIL	L.F.	748				748
AR801558	SIGN BRIDGE	EACH	1	1			
AR801559	REMOVE SIGN BRIDGE	EACH	1	1			
AR801560	SITE SIGNS	EACH	31				31
AR801561	RETAINING WALL SIGN	EACH	3				3
AR801562	RETAINING WALL	L.F.	437	437			
AR801563	RECONSTRUCT TELEPHONE VAULT	EACH	1	1			
AR801564	RELOCATE TICKET DISPENSER & GATE ARM	EACH	1				1
AR801565	DETECTOR LOOP, TYPE 1	L.F.	122	122			
AR801566	RELOCATE SIGN BRIDGE LIGHTING	L.S.	1	1			
AR801567	ABANDON STORM SEWER	L.S.	1				1
AR901510	SEEDING	ACRE	1.84	1.42			0.42
AR908510	MULCHING	ACRE	1.84	1.42			0.42
AR910400	GUARD RAIL	L.F.	960	545			415
AR910410	PARKING BLOCK	EACH	12				12
AR910420	BOLLARD	EACH	3				3
AR910976	RELOCATE ROADWAY SIGNS	L.S.	1	1			

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



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NO.	ITEM	DATE

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**SUMMARY OF QUANTITIES**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: F:\0107.001\DWG\0700150.DWG  
JOB NUMBER: 01-29-07-001

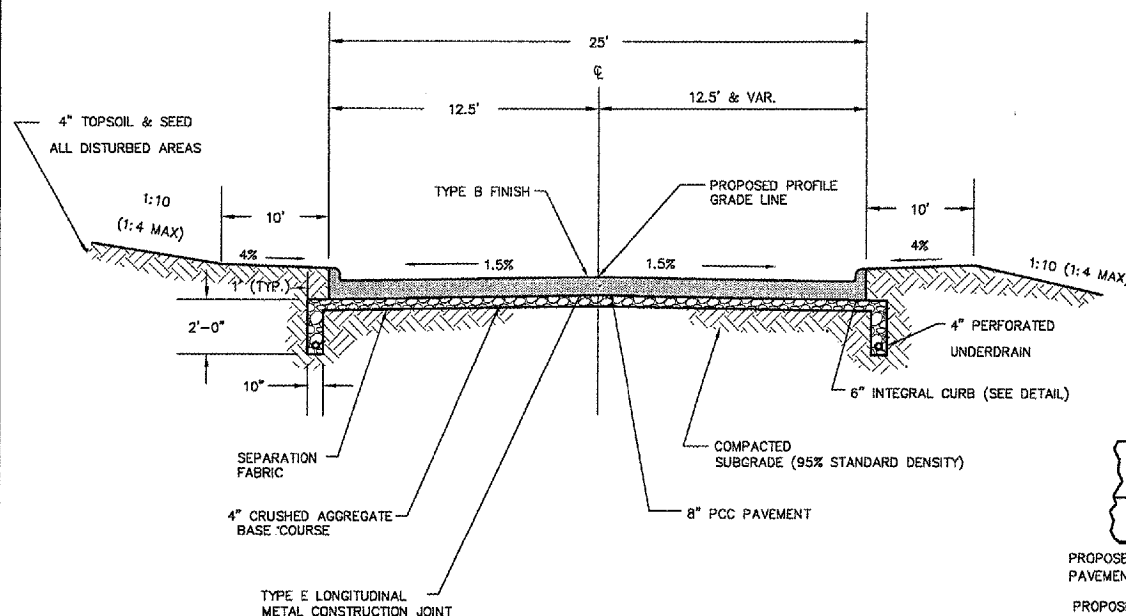
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OF 41

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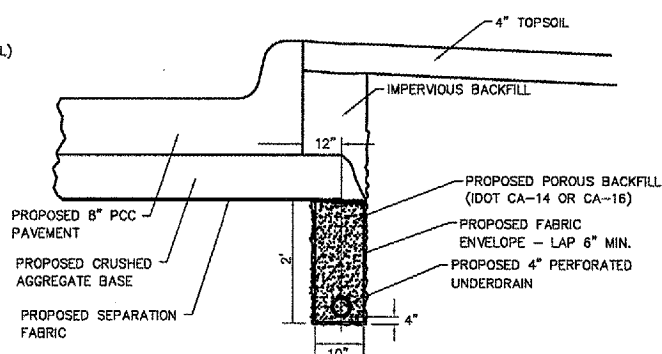
---	EXISTING RIGHT-OF-WAY LINE
---	EXISTING PROPERTY LINE
—OE—	EXISTING OVERHEAD ELECTRIC
—G—	EXISTING GAS LINE
—UE—	EXISTING UNDERGROUND ELECTRIC
—FO—	EXISTING FIBER OPTIC LINE
—UT—	EXISTING UNDERGROUND TELEPHONE
⊙	EXISTING ELECTRICAL MANHOLE
⊙	EXISTING ELECTRICAL HANDHOLE
⊙	EXISTING GAS VALVE
⊙	EXISTING TELEPHONE JUNCTION BOX
⊙	EXISTING DECIDUOUS TREE
⊙	EXISTING CONIFEROUS TREE
⊙	REMOVAL DECIDUOUS TREE
⊙	REMOVAL CONIFEROUS TREE
⊙	EXISTING BUSH
⊙	EXISTING MANHOLE
⊙	PROPOSED MANHOLE
⊙	EXISTING STORM INLET
⊙	PROPOSED STORM INLET
⊙	EXISTING POWER/TELEPHONE POLES
⊙	EXISTING POWER POLE W/ LIGHT
⊙	EXISTING LIGHT POLE
⊙	EXISTING SIGN
⊙	PROPOSED SIGN
⊙	PROPOSED PAVEMENT ELEVATION
⊙	PROPOSED BACK OF CURB ELEVATION
—SW—	EXISTING WATER MAIN
—BW—	PROPOSED WATER MAIN
⊙	EXISTING WATER VALVE
⊙	PROPOSED WATER VALVE
⊙	EXISTING FIRE HYDRANT
⊙	PROPOSED FIRE HYDRANT
—X—X—	EXISTING FENCELINE
—C—C—	EXISTING STORM SEWER
—C—C—	PROPOSED STORM SEWER
—C—C—	EXISTING SANITARY SEWER
—C—C—	EXISTING SANITARY SEWER FORCE MAIN
—FM—	EXISTING STEEL PLATE BEAM GUARDRAIL
—FM—	PROPOSED STEEL PLATE BEAM GUARDRAIL
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	CONSTRUCTION LIMITS

**GENERAL NOTES**

- 1.) THE CONTRACTOR SHALL NOTIFY THE METROPOLITAN AIRPORT AUTHORITY (MAA) AND ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 2.) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AND PAVED AREAS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY CONFLICTS WITH THE DRAWINGS OCCUR. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY TRENCHING AND GRADING OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE.
- 3.) THE CONTRACTOR MUST SUBMIT A SCHEDULE OF WORK PRIOR TO BEGINNING ANY CONSTRUCTION.
- 4.) ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE. SUITABLE EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF ON AIRPORT PROPERTY (WITHIN 3.0 MILES) AS DIRECTED BY THE ENGINEER.
- 5.) PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS.
- 6.) EROSION CONTROL FEATURES AS NEEDED SHALL BE INCORPORATED INTO THE CONSTRUCTION AT THE EARLIEST POSSIBLE TIME TO LIMIT EROSION AND STREAM POLLUTION AND SHALL BE MAINTAINED UNTIL ACCEPTANCE OF THE PROJECT BY THE AIRPORT.
- 7.) THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE ENCOUNTERED BETWEEN THE PLANS AND SPECIFICATIONS AND THE EXISTING FIELD CONDITIONS.
- 8.) THE FINAL TOP 4" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR THAT IS NOT PAVED AS PART OF THIS PROJECT SHALL BE CAPABLE OF SUPPORTING VEGETATION.
- 9.) CROSS SECTION SLOPES SUBJECT TO CHANGE AS DIRECTED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.
- 10.) MAXIMUM PAV WIDTH FOR CRUSHED AGGREGATE BASE COURSE - 4" SHALL BE 12 INCHES BEYOND THE BACK OF CURB. IF THE CONTRACTOR REQUIRES ADDITIONAL WIDTH FOR PAVING, THE ADDITIONAL MATERIALS SHALL MEET THE SAME SPECIFICATION BUT WILL BE CONSIDERED INCIDENTAL.
- 11.) AFTER CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS PER SPECIAL PROVISION 901. ONLY SEED AREAS WITHIN THE LIMITS OF CONSTRUCTION/SEEDING WILL BE ELIGIBLE FOR PAYMENT UNDER THE CONTRACT PAY ITEM. AREAS OUTSIDE THE LIMITS OF CONSTRUCTION/SEEDING SHALL BE SEED BY THE CONTRACTOR PER SPECIAL PROVISION 901, BUT SHALL NOT BE MEASURED FOR PAYMENT.
- 12.) INGRESS AND EGRESS TO THE AIRPORT TERMINAL AND PARKING LOTS SHALL BE MAINTAINED AT ALL TIMES.

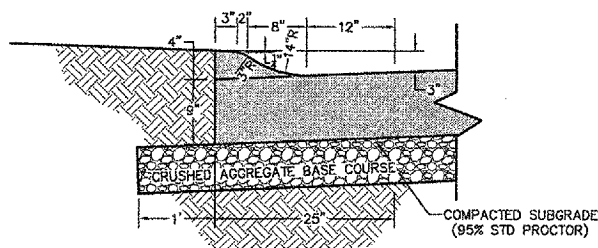


**TYPICAL 25' B-B PAVEMENT SECTION**  
NOT TO SCALE  
STA. 2+47.30 TO STA. 17+28.51

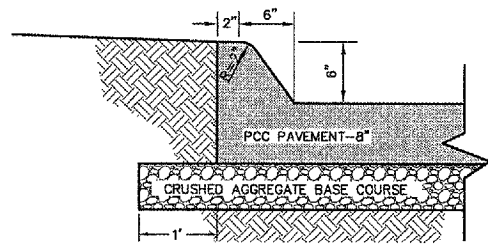


**UNDERDRAIN TRENCH DETAIL**  
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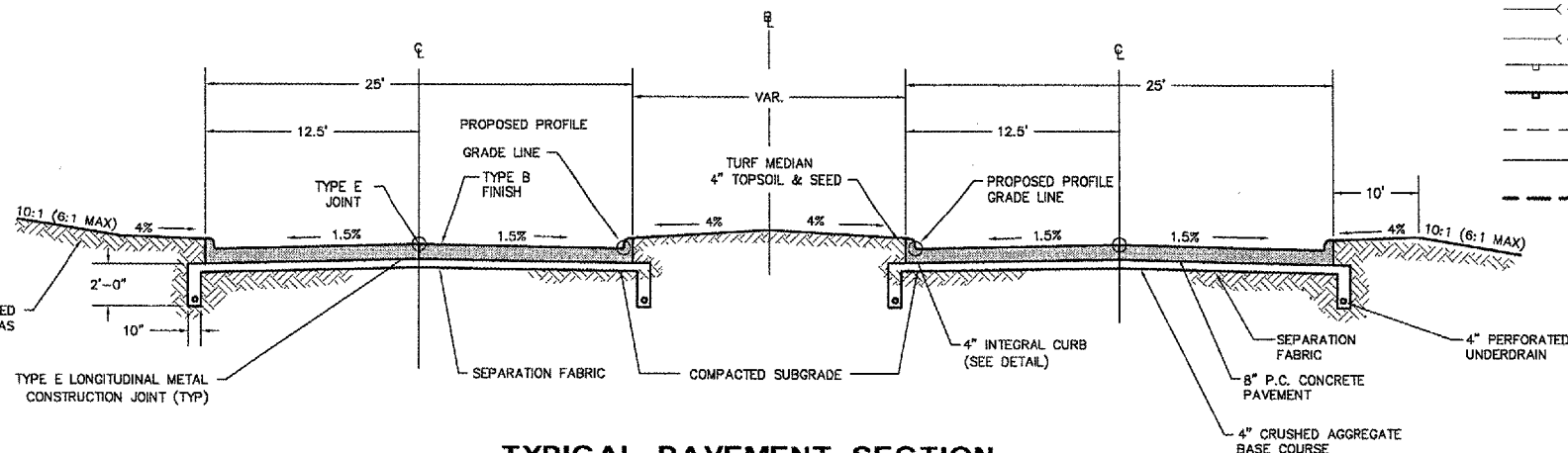
- NOTES:**
- 1.) COST OF POROUS BACKFILL, BENDS, FITTINGS, CONNECTION TO INLETS AND SEPARATION FABRIC TO BE INCLUDED IN THE UNIT PRICE FOR 4" PERFORATED UNDERDRAIN.
  - 2.) UNDERDRAINS TO BE INSTALLED PRIOR TO PAVEMENT AND CRUSHED AGG. BASE.



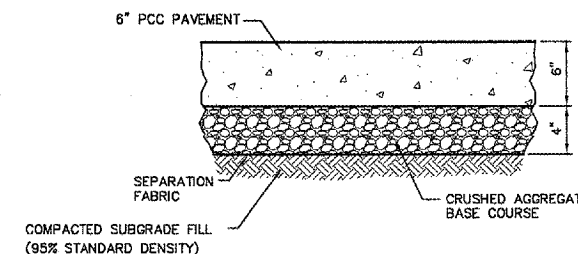
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**6\"/>**



**TYPICAL PAVEMENT SECTION  
OLD ENTRANCE ROAD**  
NOT TO SCALE  
STA. 100+13.32 TO STA. 103+47.00



**TYPICAL PARKING PAVEMENT SECTION**  
NOT TO SCALE

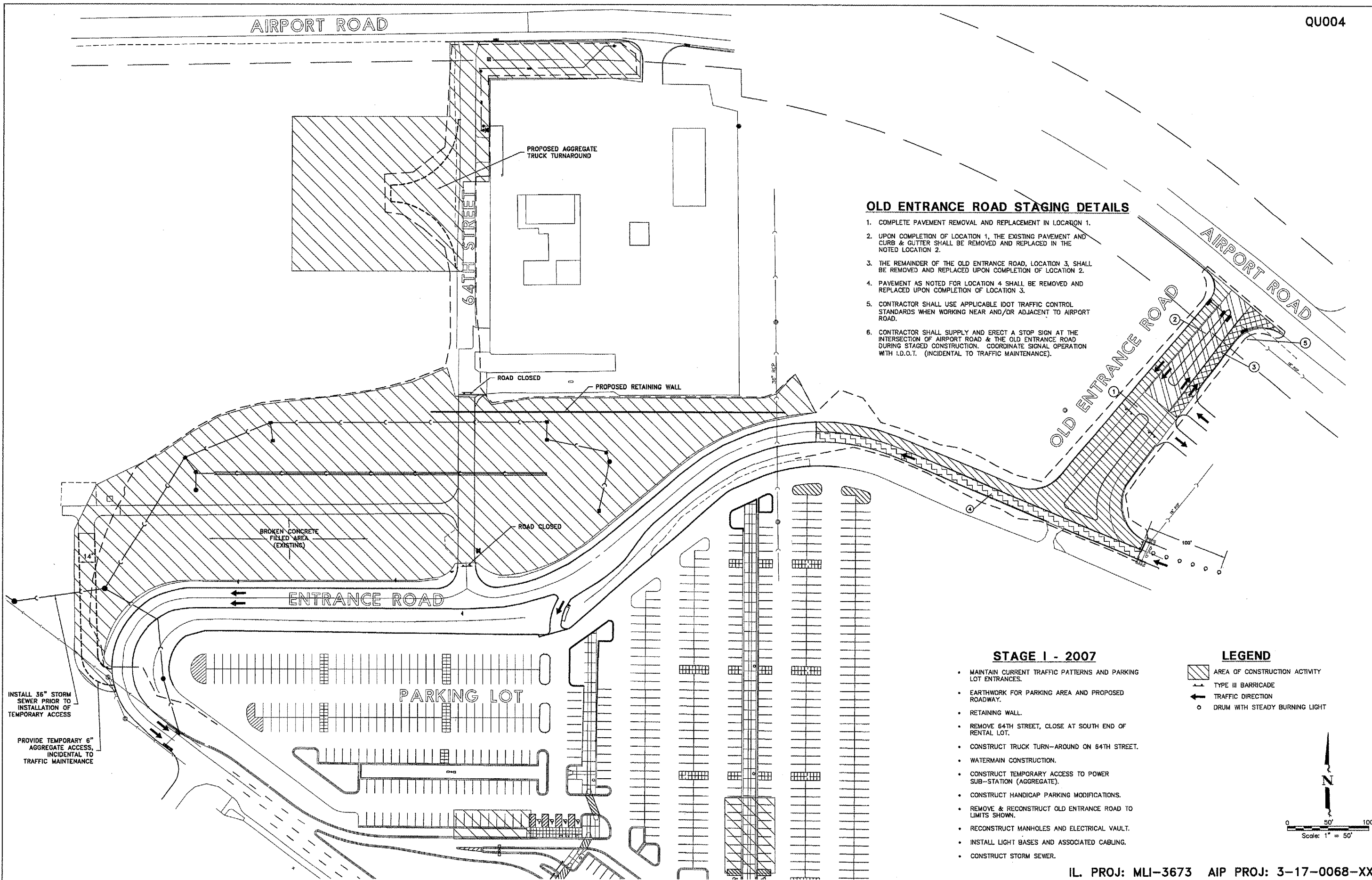


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**TYPICAL SECTIONS AND  
GENERAL NOTES**  
ENTRANCE ROAD RELOCATION  
AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: Z:\M0107.001\DWG\07001TYP.DWG  
JOB NUMBER: 01-29-07-001



**OLD ENTRANCE ROAD STAGING DETAILS**

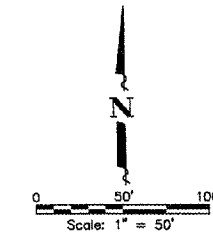
1. COMPLETE PAVEMENT REMOVAL AND REPLACEMENT IN LOCATION 1.
2. UPON COMPLETION OF LOCATION 1, THE EXISTING PAVEMENT AND CURB & GUTTER SHALL BE REMOVED AND REPLACED IN THE NOTED LOCATION 2.
3. THE REMAINDER OF THE OLD ENTRANCE ROAD, LOCATION 3, SHALL BE REMOVED AND REPLACED UPON COMPLETION OF LOCATION 2.
4. PAVEMENT AS NOTED FOR LOCATION 4 SHALL BE REMOVED AND REPLACED UPON COMPLETION OF LOCATION 3.
5. CONTRACTOR SHALL USE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS WHEN WORKING NEAR AND/OR ADJACENT TO AIRPORT ROAD.
6. CONTRACTOR SHALL SUPPLY AND ERECT A STOP SIGN AT THE INTERSECTION OF AIRPORT ROAD & THE OLD ENTRANCE ROAD DURING STAGED CONSTRUCTION. COORDINATE SIGNAL OPERATION WITH I.D.O.T. (INCIDENTAL TO TRAFFIC MAINTENANCE).

**STAGE I - 2007**

- MAINTAIN CURRENT TRAFFIC PATTERNS AND PARKING LOT ENTRANCES.
- EARTHWORK FOR PARKING AREA AND PROPOSED ROADWAY.
- RETAINING WALL.
- REMOVE 64TH STREET, CLOSE AT SOUTH END OF RENTAL LOT.
- CONSTRUCT TRUCK TURN-AROUND ON 64TH STREET.
- WATERMAIN CONSTRUCTION.
- CONSTRUCT TEMPORARY ACCESS TO POWER SUB-STATION (AGGREGATE).
- CONSTRUCT HANDICAP PARKING MODIFICATIONS.
- REMOVE & RECONSTRUCT OLD ENTRANCE ROAD TO LIMITS SHOWN.
- RECONSTRUCT MANHOLES AND ELECTRICAL VAULT.
- INSTALL LIGHT BASES AND ASSOCIATED CABLING.
- CONSTRUCT STORM SEWER.

**LEGEND**

- AREA OF CONSTRUCTION ACTIVITY
- TYPE III BARRICADE
- TRAFFIC DIRECTION
- DRUM WITH STEADY BURNING LIGHT



IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

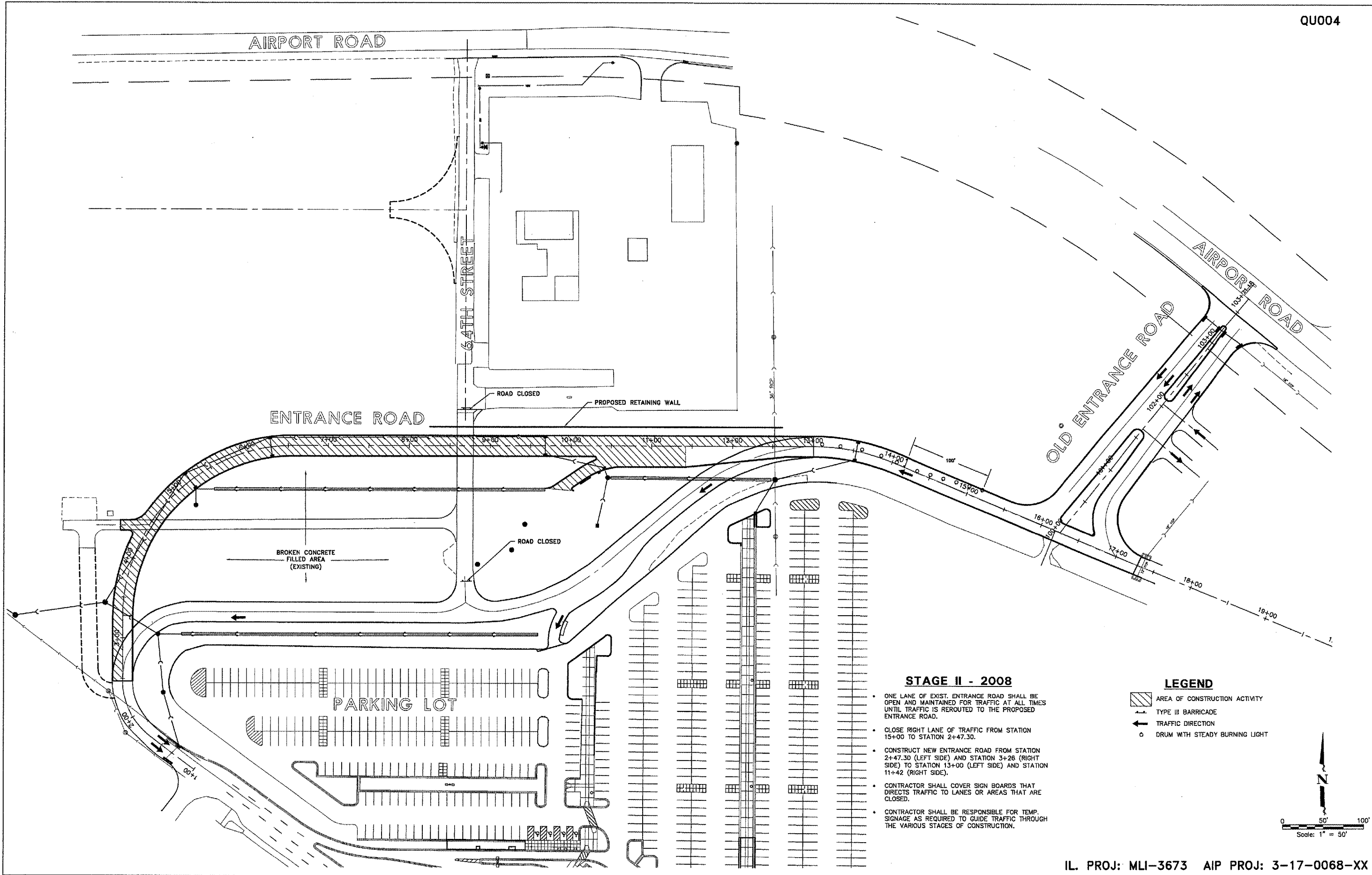


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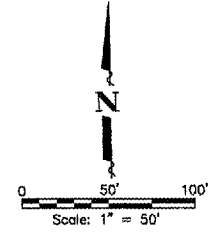


**STAGE II - 2008**

- ONE LANE OF EXIST. ENTRANCE ROAD SHALL BE OPEN AND MAINTAINED FOR TRAFFIC AT ALL TIMES UNTIL TRAFFIC IS REROUTED TO THE PROPOSED ENTRANCE ROAD.
- CLOSE RIGHT LANE OF TRAFFIC FROM STATION 15+00 TO STATION 2+47.30.
- CONSTRUCT NEW ENTRANCE ROAD FROM STATION 2+47.30 (LEFT SIDE) AND STATION 3+26 (RIGHT SIDE) TO STATION 13+00 (LEFT SIDE) AND STATION 11+42 (RIGHT SIDE).
- CONTRACTOR SHALL COVER SIGN BOARDS THAT DIRECTS TRAFFIC TO LANES OR AREAS THAT ARE CLOSED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TEMP. SIGNAGE AS REQUIRED TO GUIDE TRAFFIC THROUGH THE VARIOUS STAGES OF CONSTRUCTION.

**LEGEND**

- ▨ AREA OF CONSTRUCTION ACTIVITY
- ↑ TYPE III BARRICADE
- ← TRAFFIC DIRECTION
- DRUM WITH STEADY BURNING LIGHT



IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



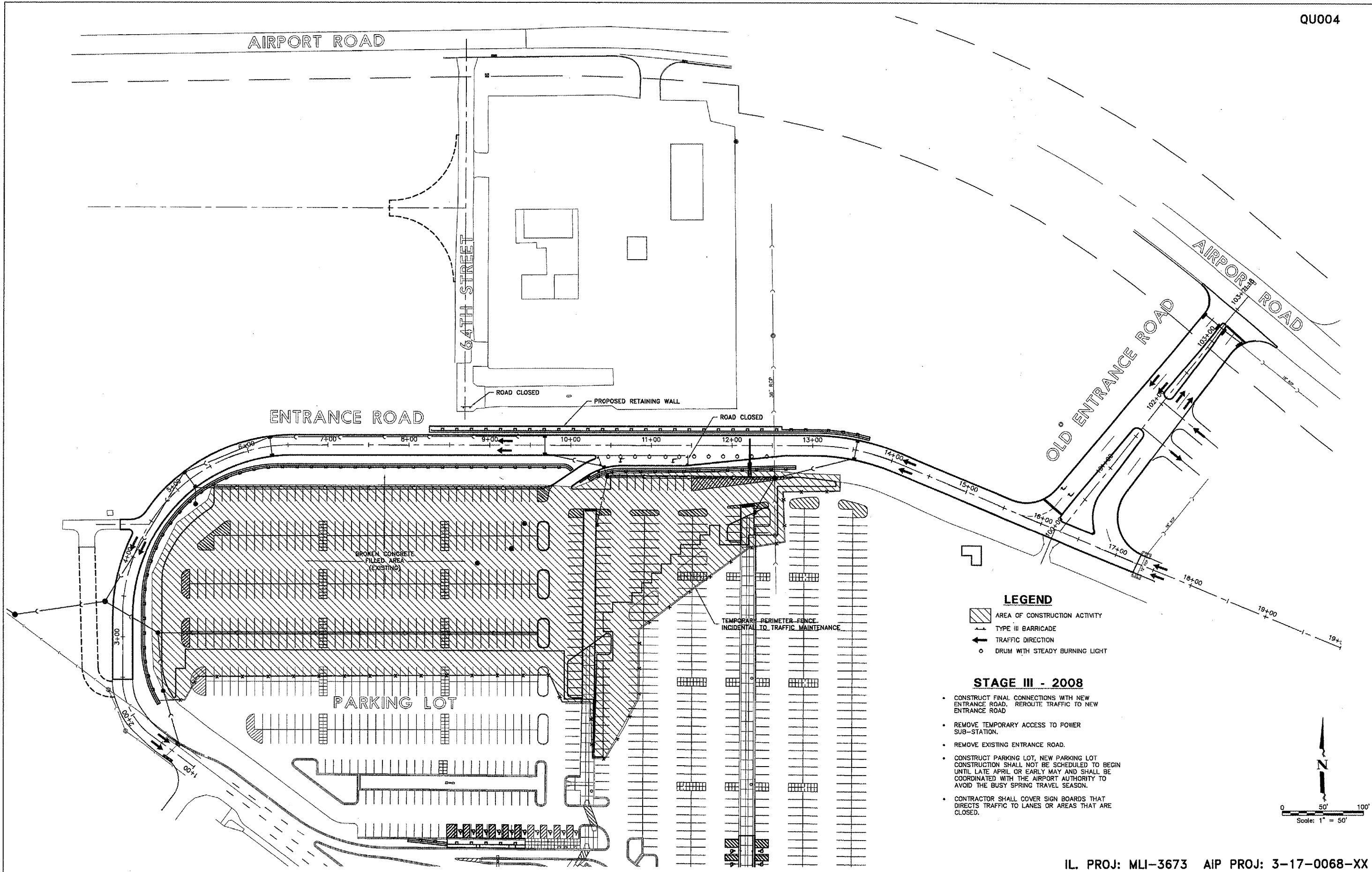
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**CONSTRUCTION STAGING PLAN - STAGE II**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
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JOB NUMBER: 01-29-07-001

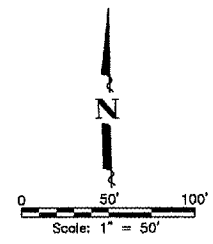
SHEET NO.  
**5**  
OF 41



**LEGEND**

- AREA OF CONSTRUCTION ACTIVITY
- TYPE III BARRICADE
- TRAFFIC DIRECTION
- DRUM WITH STEADY BURNING LIGHT

- STAGE III - 2008**
- CONSTRUCT FINAL CONNECTIONS WITH NEW ENTRANCE ROAD. REROUTE TRAFFIC TO NEW ENTRANCE ROAD
  - REMOVE TEMPORARY ACCESS TO POWER SUB-STATION.
  - REMOVE EXISTING ENTRANCE ROAD.
  - CONSTRUCT PARKING LOT, NEW PARKING LOT CONSTRUCTION SHALL NOT BE SCHEDULED TO BEGIN UNTIL LATE APRIL OR EARLY MAY AND SHALL BE COORDINATED WITH THE AIRPORT AUTHORITY TO AVOID THE BUSY SPRING TRAVEL SEASON.
  - CONTRACTOR SHALL COVER SIGN BOARDS THAT DIRECTS TRAFFIC TO LANES OR AREAS THAT ARE CLOSED.



IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



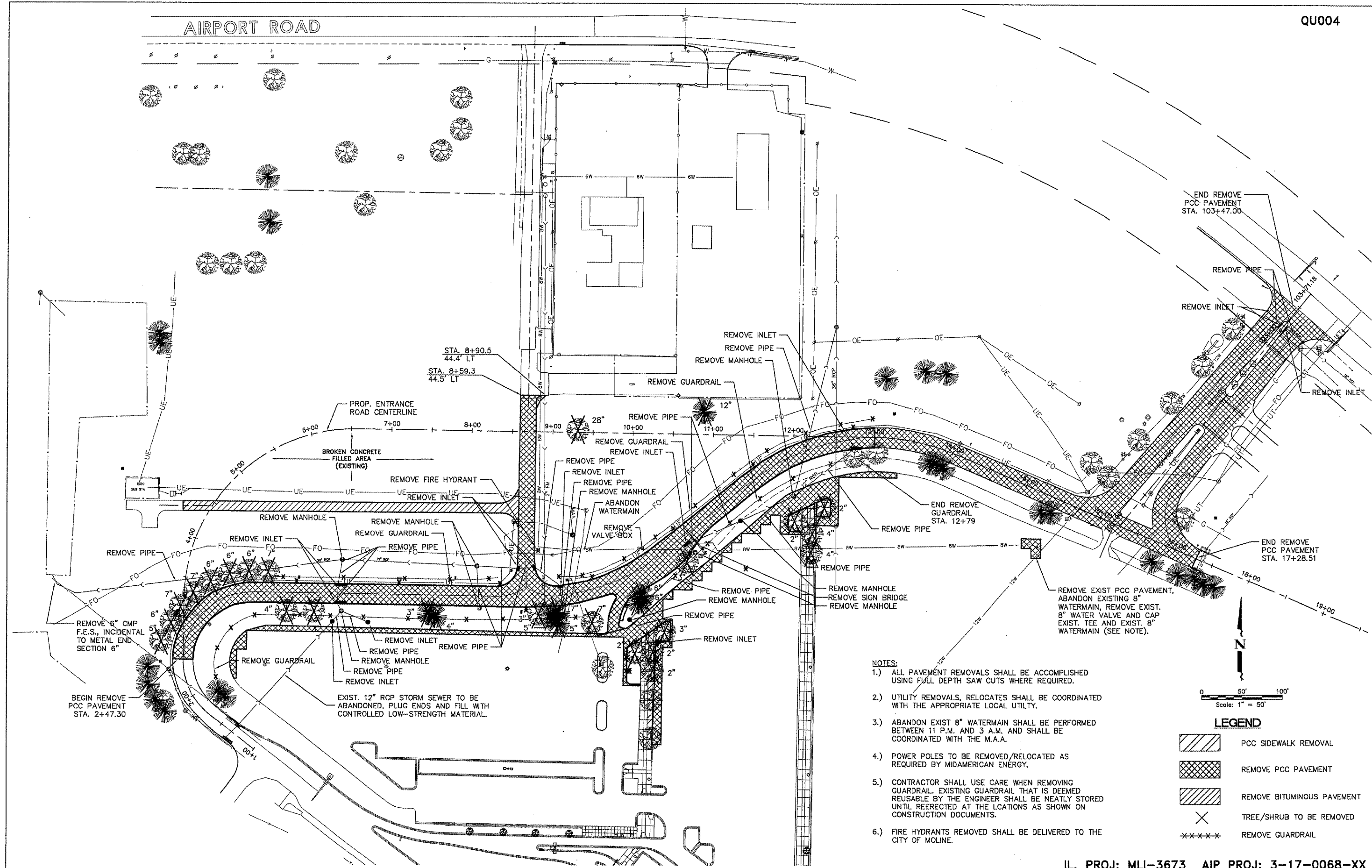
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NO.	ITEM	DATE

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CHECKED BY: SAS  
DATE: APRIL 2007

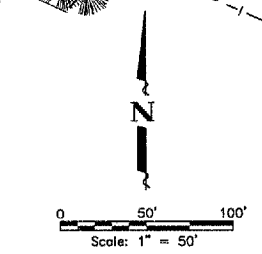
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**CONSTRUCTION STAGING PLAN - STAGE III**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\M0107.001\DWG\07001STAGING.DWG  
JOB NUMBER: 01-29-07-001

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- NOTES:**
- 1.) ALL PAVEMENT REMOVALS SHALL BE ACCOMPLISHED USING FULL DEPTH SAW CUTS WHERE REQUIRED.
  - 2.) UTILITY REMOVALS, RELOCATES SHALL BE COORDINATED WITH THE APPROPRIATE LOCAL UTILITY.
  - 3.) ABANDON EXIST 8" WATERMAIN SHALL BE PERFORMED BETWEEN 11 P.M. AND 3 A.M. AND SHALL BE COORDINATED WITH THE M.A.A.
  - 4.) POWER POLES TO BE REMOVED/RELOCATED AS REQUIRED BY MIDAMERICAN ENERGY.
  - 5.) CONTRACTOR SHALL USE CARE WHEN REMOVING GUARDRAIL. EXISTING GUARDRAIL THAT IS DEEMED REUSABLE BY THE ENGINEER SHALL BE NEATLY STORED UNTIL REERECTED AT THE LOCATIONS AS SHOWN ON CONSTRUCTION DOCUMENTS.
  - 6.) FIRE HYDRANTS REMOVED SHALL BE DELIVERED TO THE CITY OF MOLINE.



- LEGEND**
- PCC SIDEWALK REMOVAL
  - REMOVE PCC PAVEMENT
  - REMOVE BITUMINOUS PAVEMENT
  - TREE/SHRUB TO BE REMOVED
  - REMOVE GUARDRAIL

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**PAVEMENT & UTILITY REMOVAL PLAN**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: F:\0107.001\DWG\07001REM01.DWG  
JOB NUMBER: 01-29-07-001

SHEET NO.  
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OF 41






**EROSION CONTROL NOTES**

- 1.) DITCH CHECKS - TWO BALES HIGH SHALL BE REQUIRED PER I.D.T. STANDARD 280001 - TEMPORARY EROSION CONTROL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, MAINTAINING AND REMOVING DITCH CHECKS TO THE SATISFACTION OF THE RESIDENT ENGINEER. THIS INCLUDES BUT IS NOT LIMITED TO CLEANING EROSION SOILS AS REQUIRED.
- 2.) LOCATION OF THE DITCH CHECKS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED AT THE TIME OF CONSTRUCTION.
- 3.) ONCE CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR SHALL SEED ALL AREAS DISTURBED IN ACCORDANCE WITH ITEM AR901510 WITHIN 14 DAYS OF LAST DISTURBANCE. DITCH CHECKS SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE CONTRACTOR ESTABLISHES A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- 4.) THE COST OF ALL MEASURES NECESSARY TO COMPLY WITH THE EROSION CONTROL PLAN SHALL BE INCLUDED IN THE TEMPORARY EROSION CONTROL LUMP SUM PRICE. SEEDING SHALL BE PAID UNDER ITEM AR901510.
- 5.) ALL AREAS DISTURBED OUTSIDE OF THE GRADING LIMITS SHALL BE RESTORED TO ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.
- 6.) THE CONTRACTOR AND THE SUBCONTRACTORS RESPONSIBLE FOR WATER POLLUTION CONTROL SHALL DESIGNATE, PRIOR TO CONSTRUCTION, A PERSON OR PERSONS WHO CAN BE CONTACTED IN AN EMERGENCY INVOLVING THEIR WATER POLLUTION CONTROL ITEMS. THESE DESIGNATED PEOPLE SHALL BE AVAILABLE TO REPAIR AND MAINTAIN THE WATER POLLUTION CONTROL DEVICES ON A 24 HOUR PER DAY BASIS.

**GRADING NOTES**

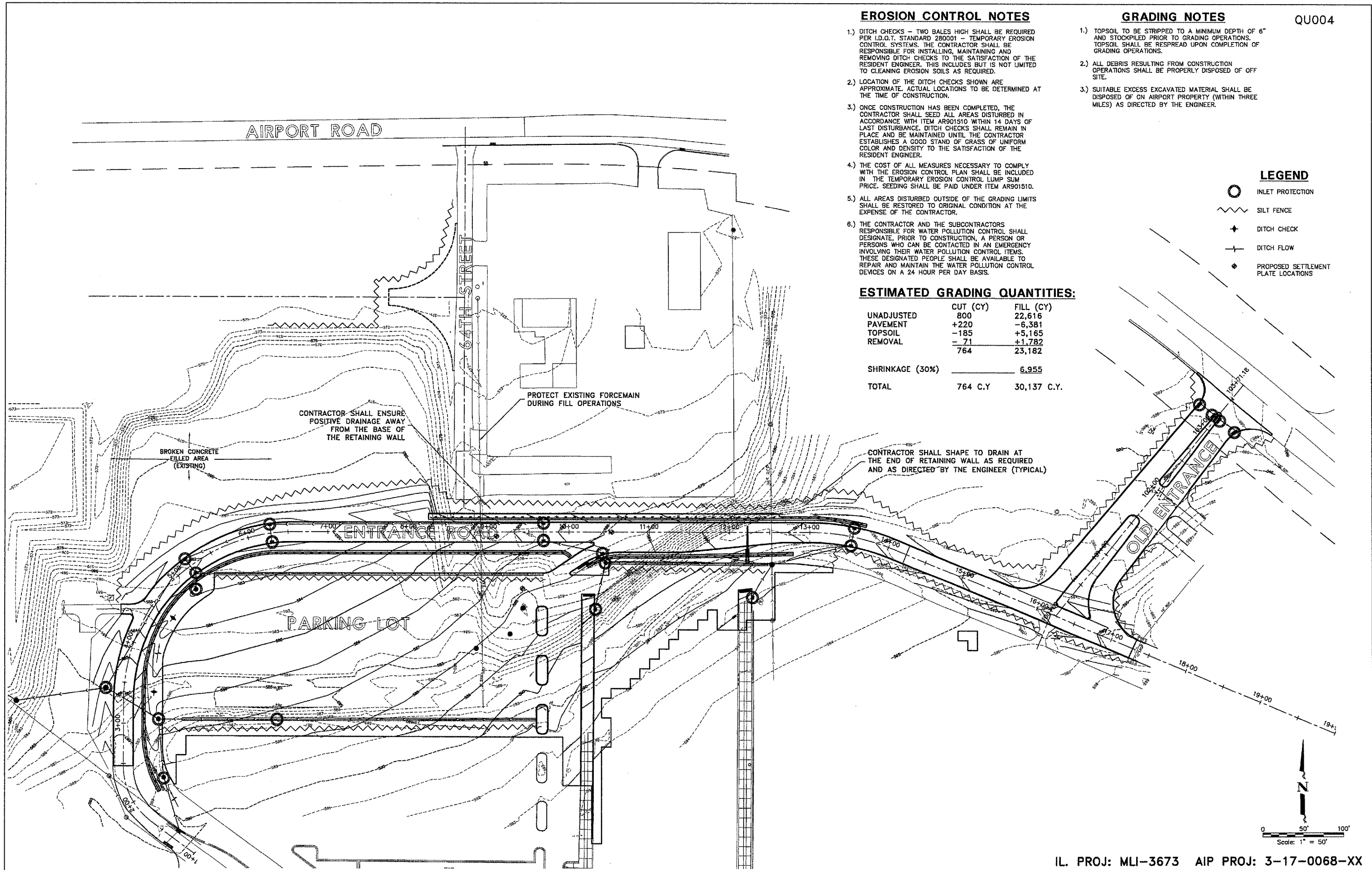
- 1.) TOPSOIL TO BE STRIPPED TO A MINIMUM DEPTH OF 6" AND STOCKPILED PRIOR TO GRADING OPERATIONS. TOPSOIL SHALL BE RESPREAD UPON COMPLETION OF GRADING OPERATIONS.
- 2.) ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF SITE.
- 3.) SUITABLE EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF ON AIRPORT PROPERTY (WITHIN THREE MILES) AS DIRECTED BY THE ENGINEER.

**LEGEND**

-  INLET PROTECTION
-  SILT FENCE
-  DITCH CHECK
-  DITCH FLOW
-  PROPOSED SETTLEMENT PLATE LOCATIONS

**ESTIMATED GRADING QUANTITIES:**

	CUT (CY)	FILL (CY)
UNADJUSTED	800	22,616
PAVEMENT	+220	-6,381
TOPSOIL	-185	+5,165
REMOVAL	-71	+1,782
	764	23,182
SHRINKAGE (30%)		6,955
TOTAL	764 C.Y.	30,137 C.Y.

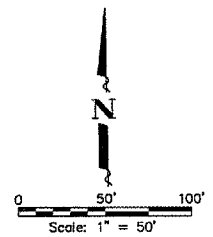


CONTRACTOR SHALL SHAPE TO DRAIN AT THE END OF RETAINING WALL AS REQUIRED AND AS DIRECTED BY THE ENGINEER (TYPICAL)

CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM THE BASE OF THE RETAINING WALL

PROTECT EXISTING FORCEMAIN DURING FILL OPERATIONS

BROKEN CONCRETE FILLED AREA (EXISTING)



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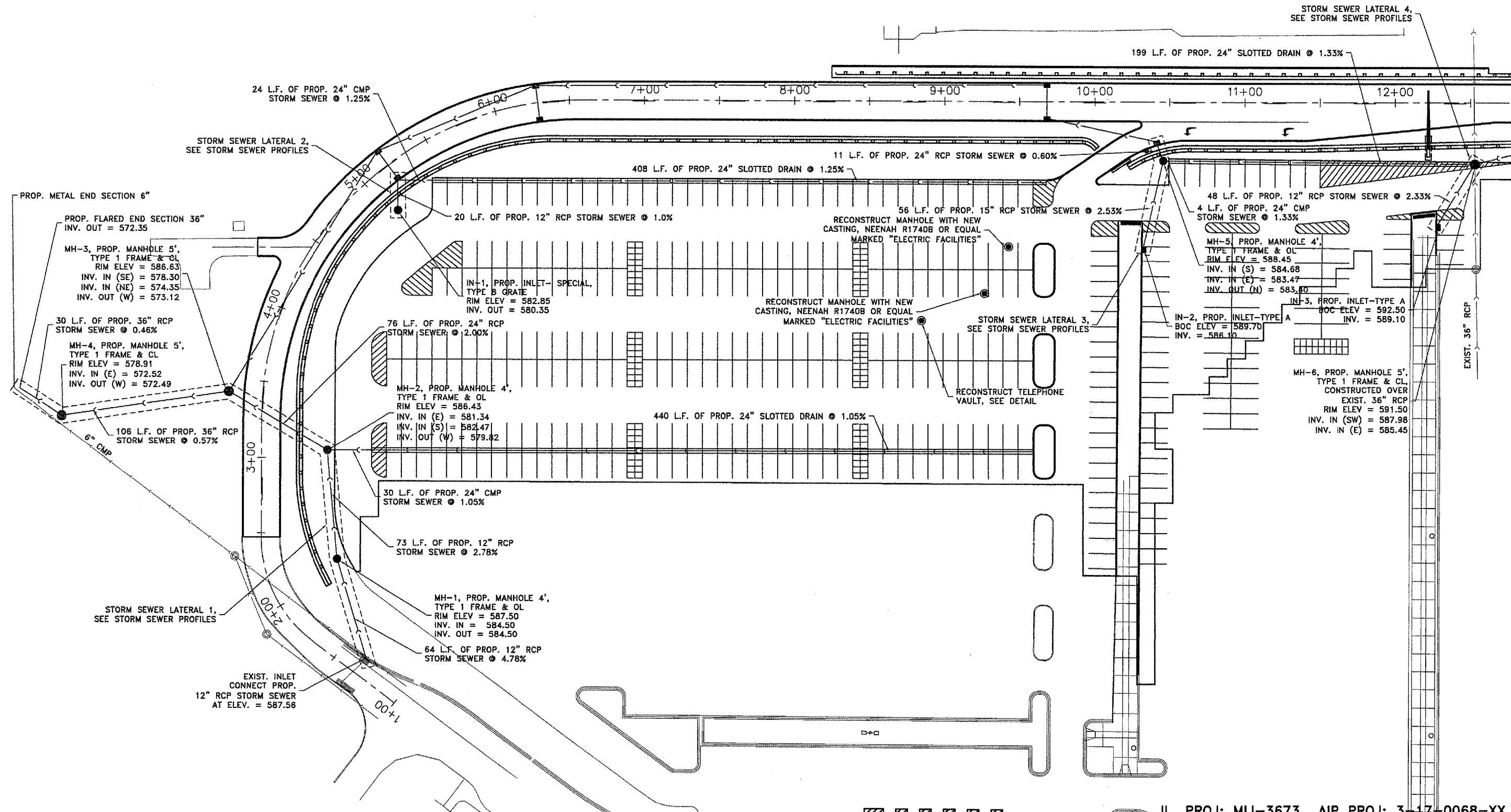
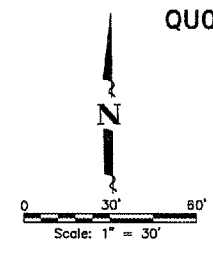
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**GRADING AND EROSION CONTROL PLAN**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\0107.001\DWG\07001SPPL.DWG  
JOB NUMBER: 01-29-07-001

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OF 41



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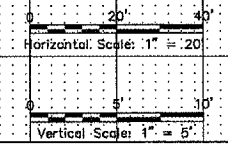
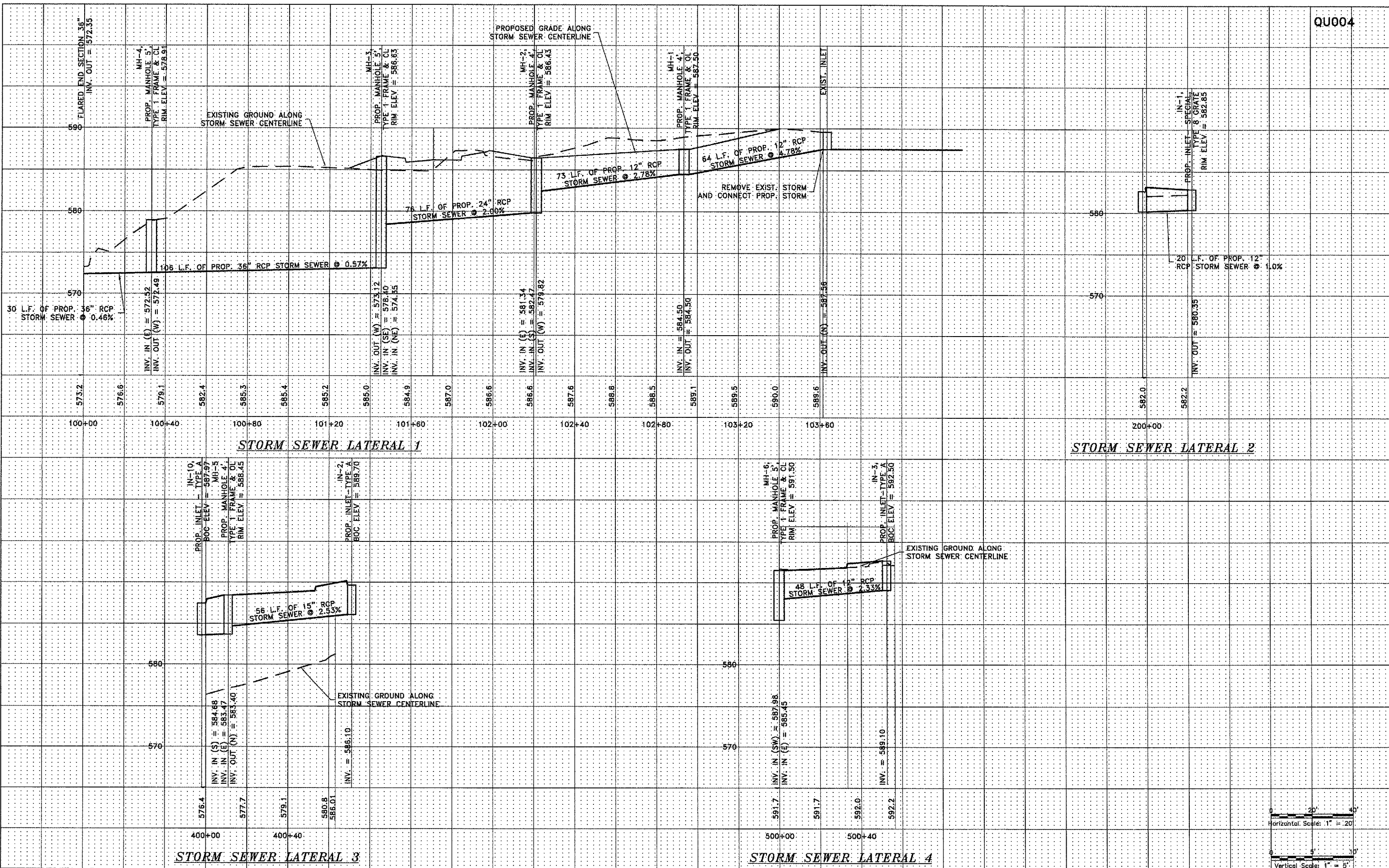
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**PARKING LOT - STORM SEWER PLAN**  
 ENTRANCE ROAD RELOCATION  
 AND PARKING LOT EXPANSION  
 MOLINE, ILLINOIS  
 FILE NAME: 7:\M0707\001\DWG\07001SPPL.DWG  
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IL PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

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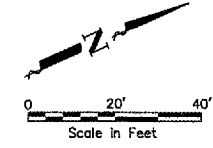
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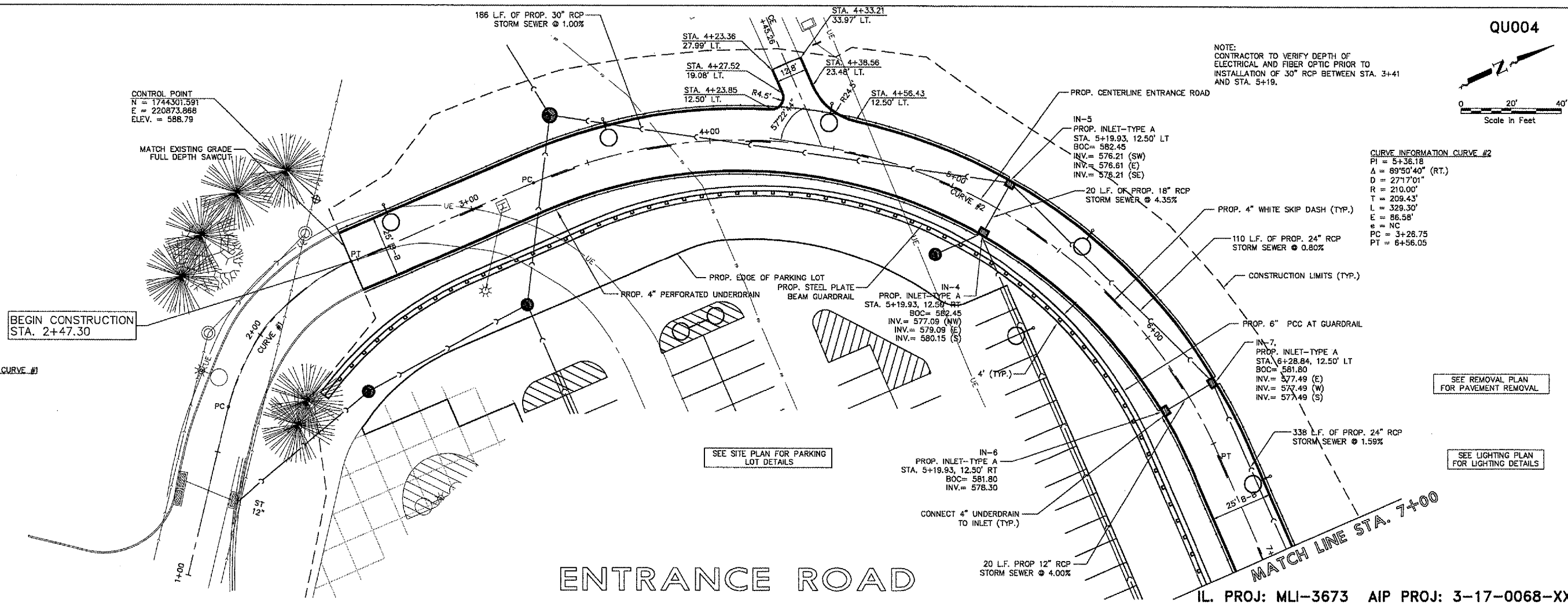
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**PROFILES - STORM SEWER LATERALS**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\W0107.001\DWG\07001SPPL.dwg  
JOB NUMBER: 01-28-07-001

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OF 41



NOTE:  
CONTRACTOR TO VERIFY DEPTH OF  
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INSTALLATION OF 30" RCP BETWEEN STA. 3+41  
AND STA. 5+19.

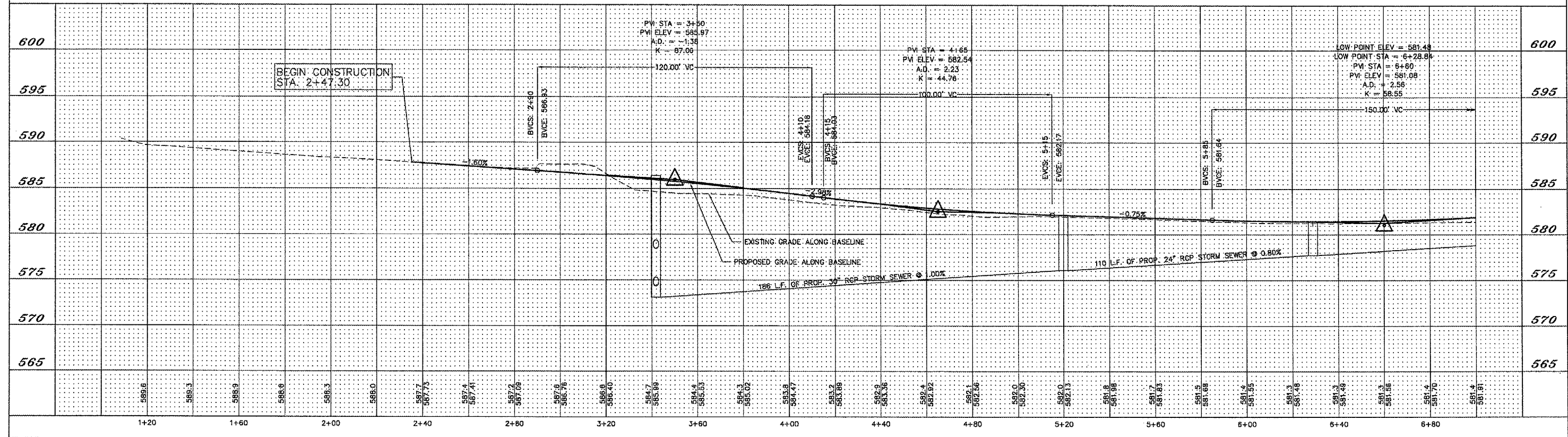


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D = 67°24'24"  
R = 85.00'  
T = 42.52'  
L = 78.84'  
E = 10.04'  
e = 2.50%  
SE RUN = 37.00'  
TR = 28.00'  
PC = 1+68.45  
PT = 2+47.30

CURVE INFORMATION CURVE #2  
PI = 5+36.18  
Δ = 89°50'40" (RT.)  
D = 27°17'01"  
R = 210.00'  
T = 209.43'  
L = 329.30'  
E = 86.58'  
e = NC  
PC = 3+26.75  
PT = 6+56.05

# ENTRANCE ROAD

IL PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX



QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



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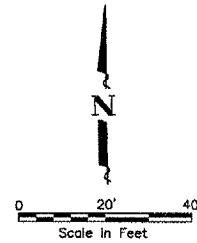
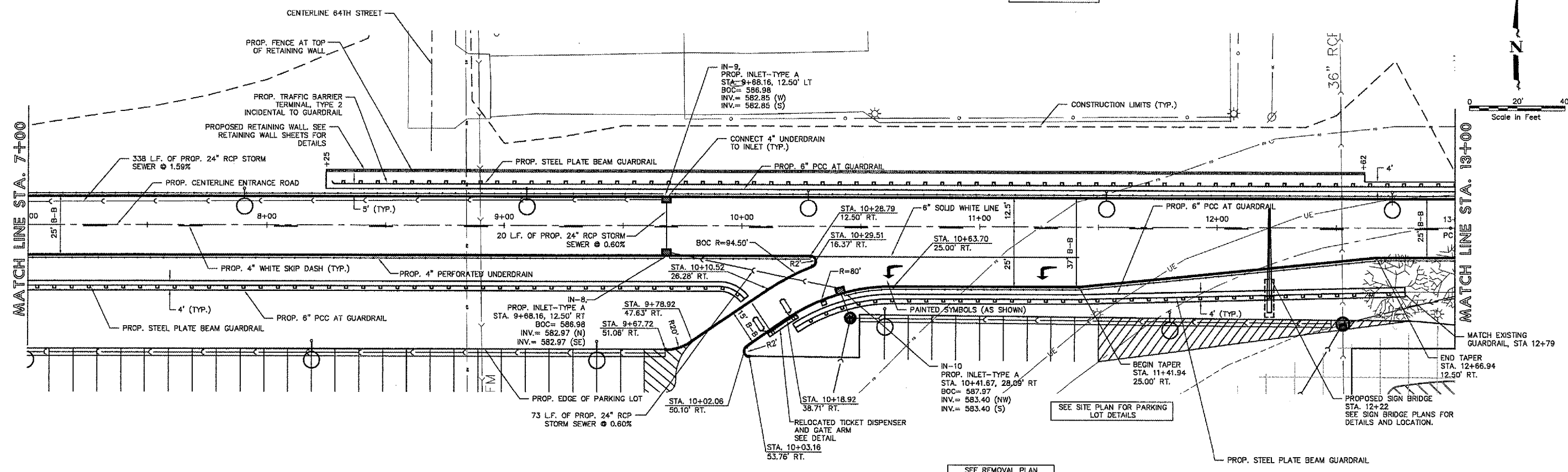
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MOLINE, ILLINOIS  
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SHEET NO.  
**11**  
OF 41

SEE 64TH STREET PLAN SHEET FOR DETAILS

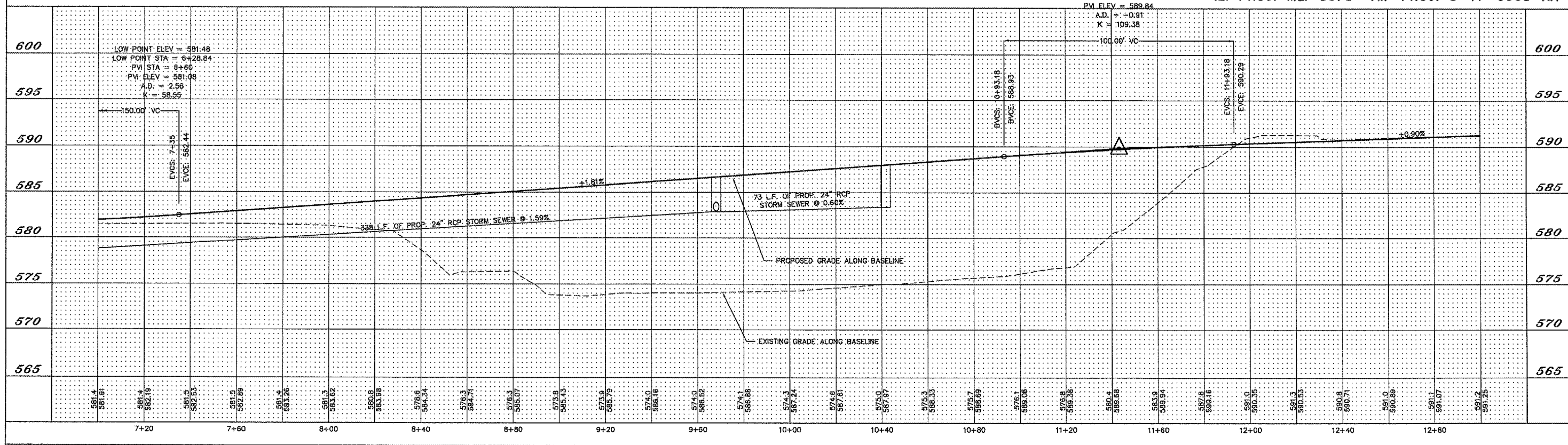
SEE LIGHTING PLAN FOR LIGHTING DETAILS

QU004



# ENTRANCE ROAD

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX



QUAD CITY INTERNATIONAL AIRPORT  
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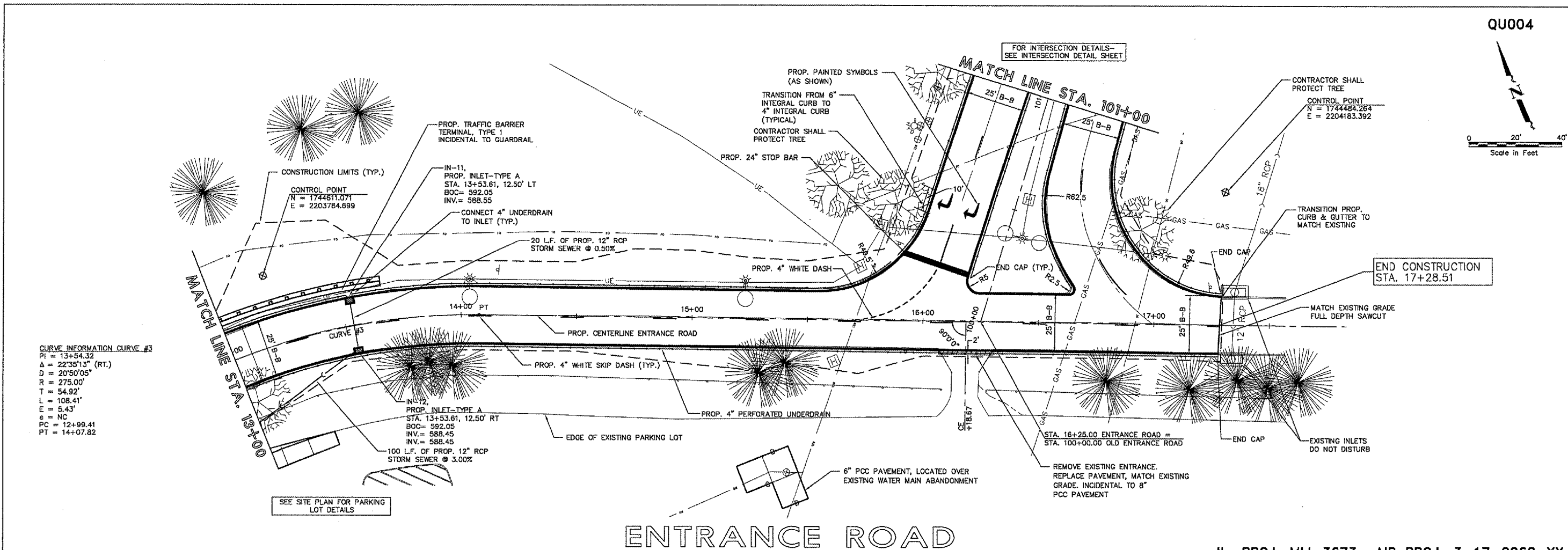
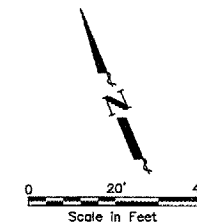
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FILE NAME: T:\M0107.001\DWG\07001mal.dwg  
JOB NUMBER: 01-29-07-001

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**12**  
OF 41

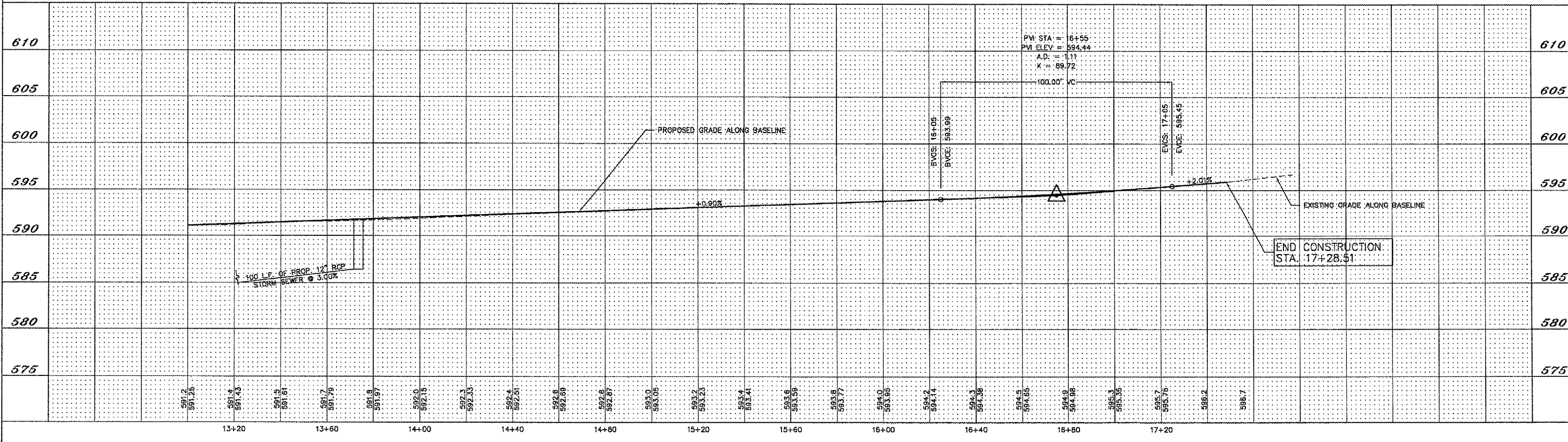




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 L = 108.41'  
 E = 5.43'  
 e = NC  
 PC = 12+99.41  
 PT = 14+07.82

# ENTRANCE ROAD

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX



**QUAD CITY INTERNATIONAL AIRPORT**  
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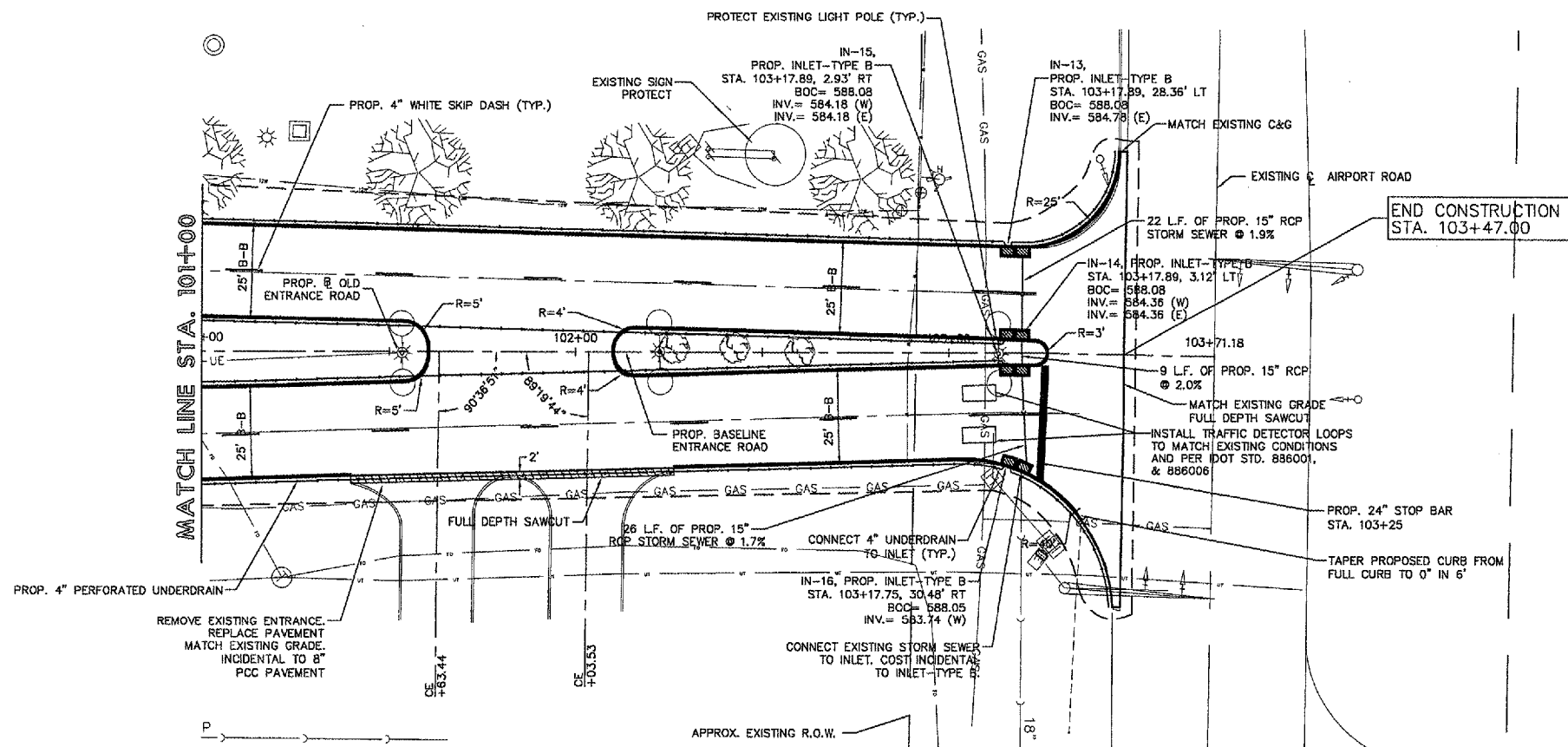
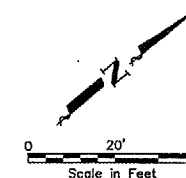
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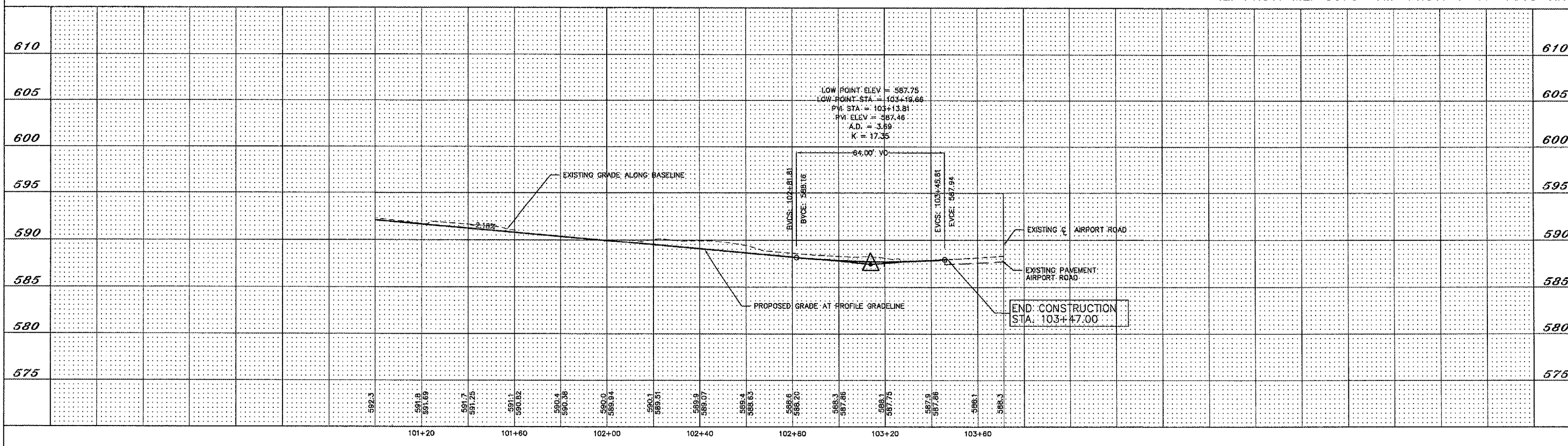
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 MOLINE, ILLINOIS  
 FILE NAME: T:\M0107.001\DWG\07001.mcd.dwg  
 JOB NUMBER: 01-29-07-001

SHEET NO.  
**13**  
 OF 41



# OLD ENTRANCE ROAD

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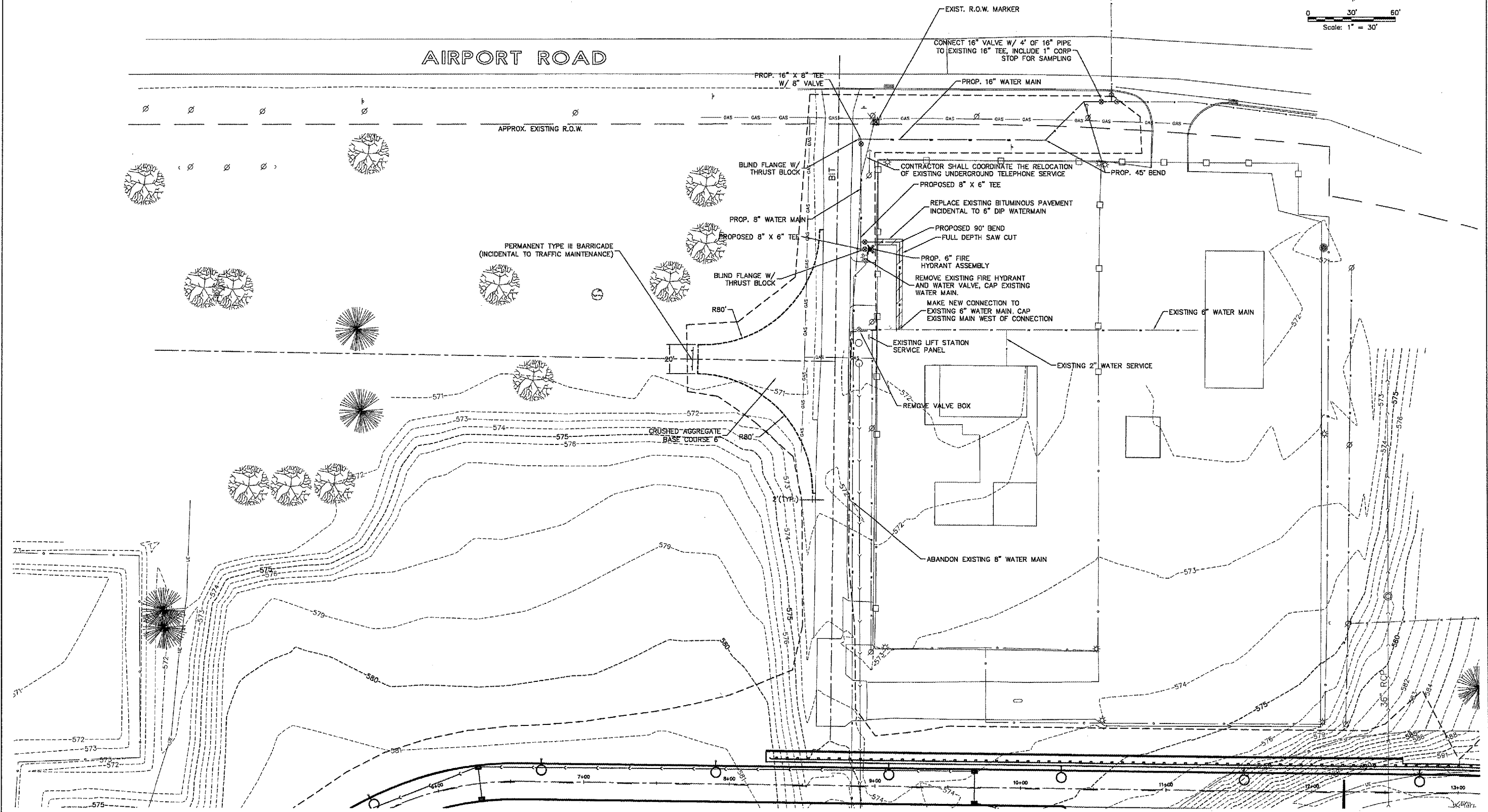
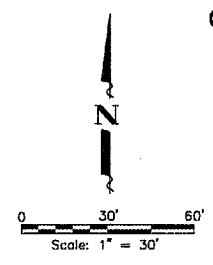


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Moline, IL



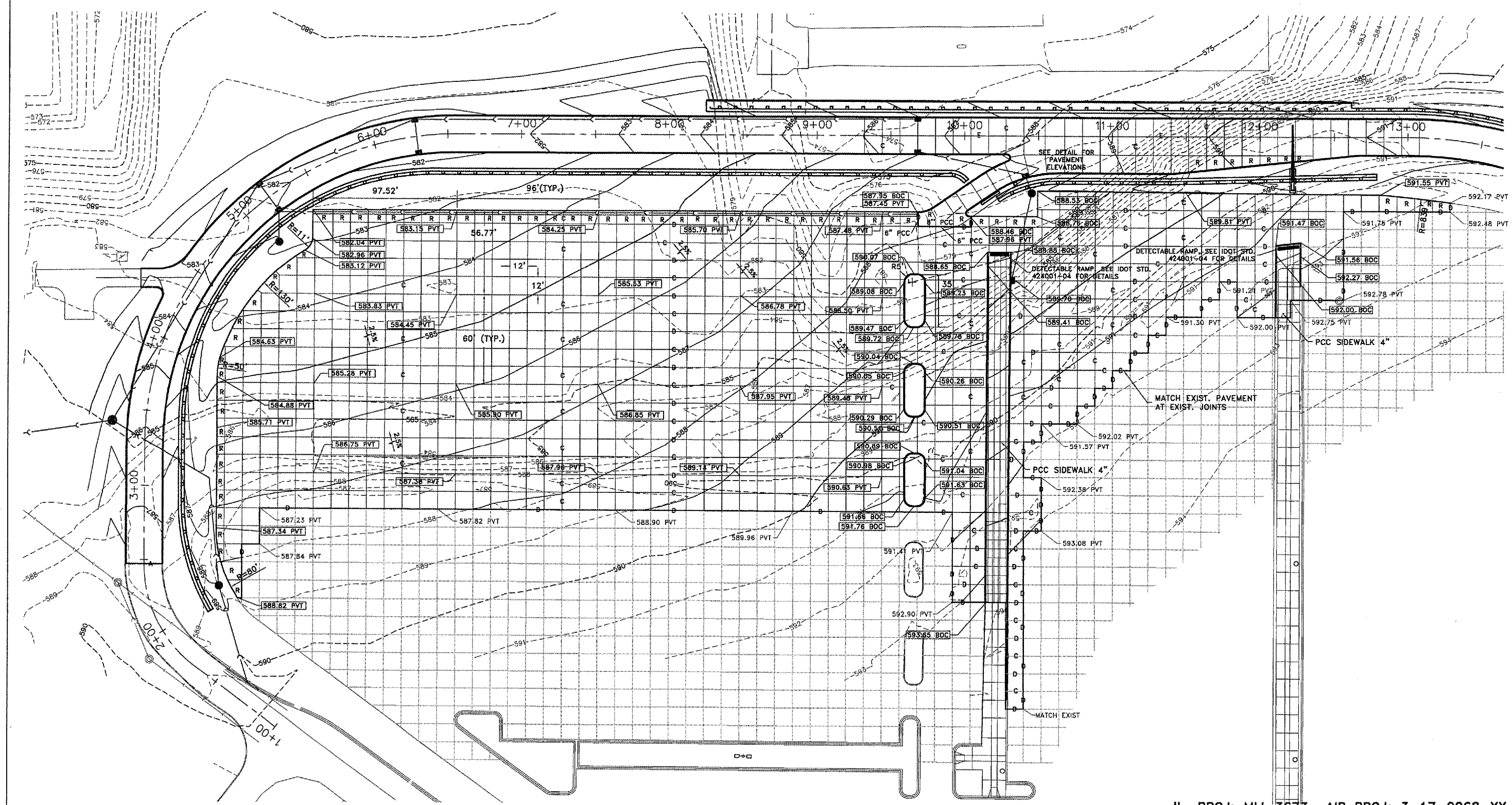
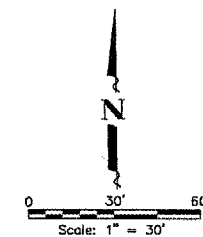
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**PLAN SHEET - 64TH STREET**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\MG107.001\DWG\07001md.dwg  
JOB NUMBER: 01-29-07-001

SHEET NO.  
**15**  
OF 41



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QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



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NO.	ITEM	DATE

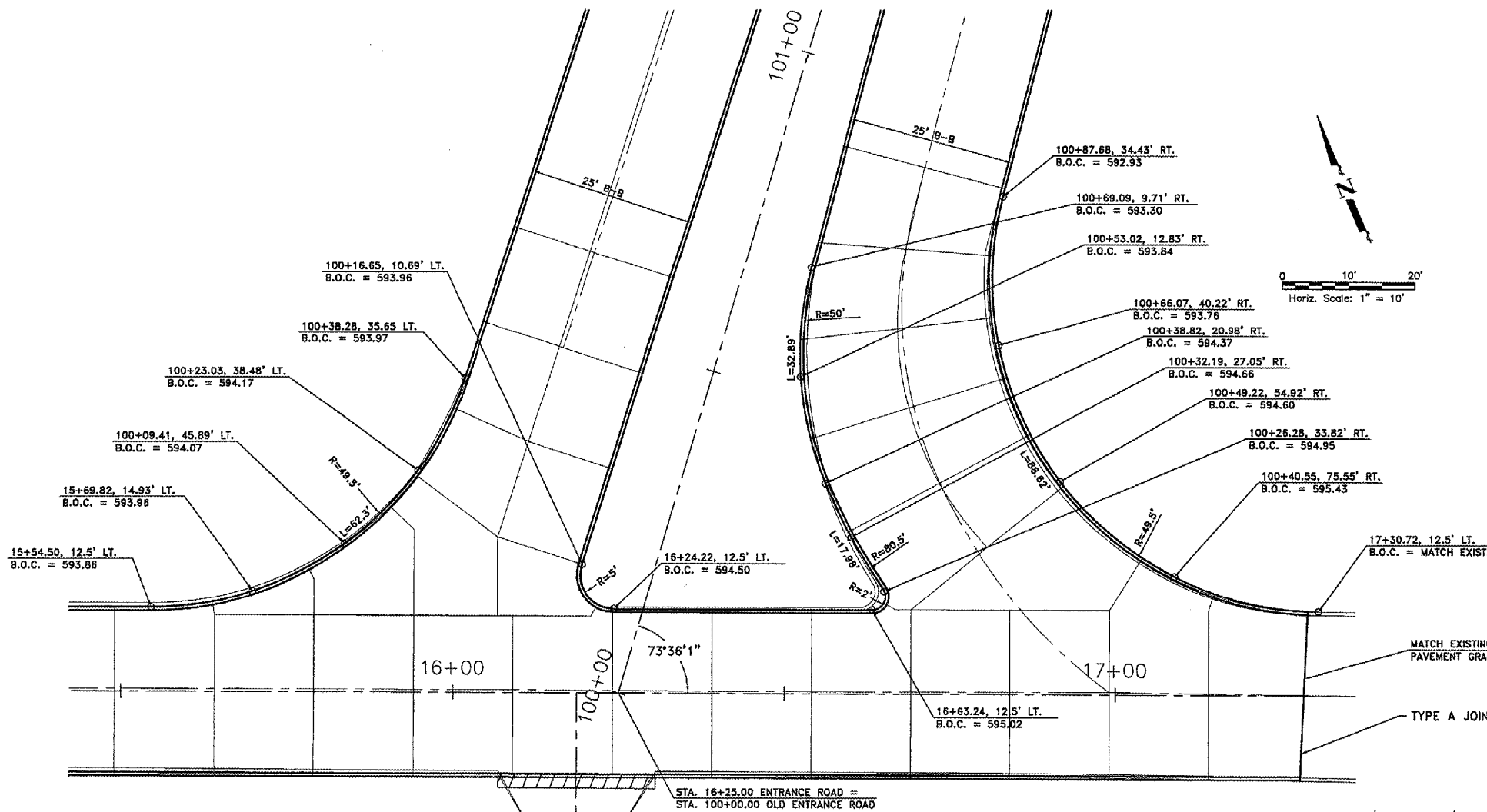
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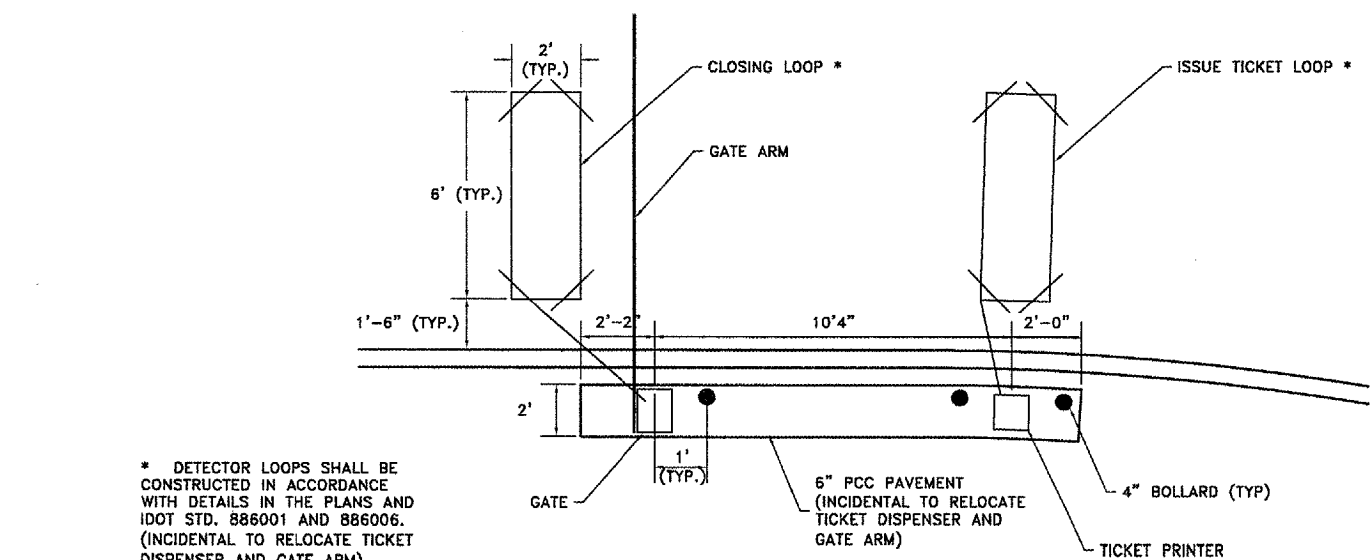
**PARKING LOT - JOINT & ELEVATION PLAN**  
 ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
 MOLINE, ILLINOIS  
 FILE NAME: F:\M0107.001\DWG\07001SPPL.DWG  
 JOB NUMBER: 01-29-07-001

SHEET NO.  
**16**  
 OF 41



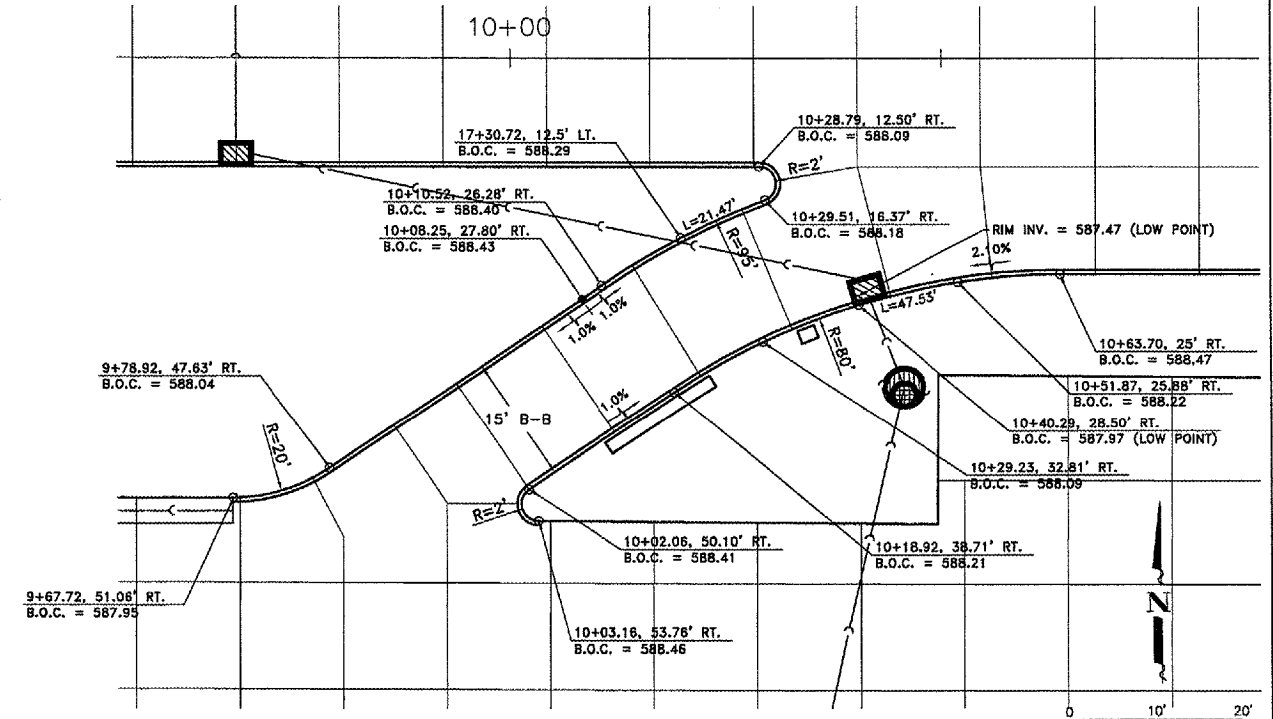


DETAIL - ENTRANCE ROAD & OLD ENTRANCE ROAD INTERSECTION



\* DETECTOR LOOPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS IN THE PLANS AND IDOT STD. 886001 AND 886006. (INCIDENTAL TO RELOCATE TICKET DISPENSER AND GATE ARM)

DETAIL - RELOCATE TICKET DISPENSER AND GATE ARM



DETAIL - PARKING LOT ENTRANCE

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

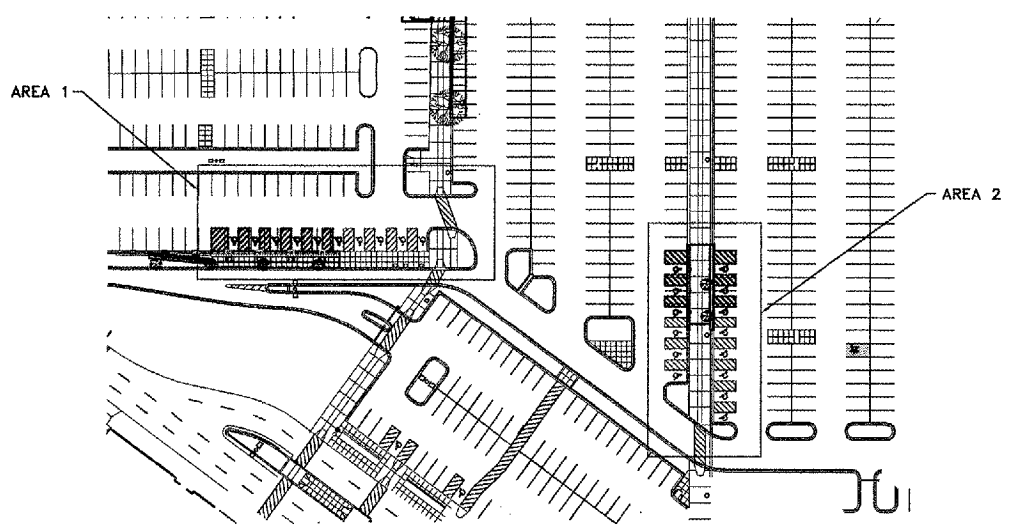


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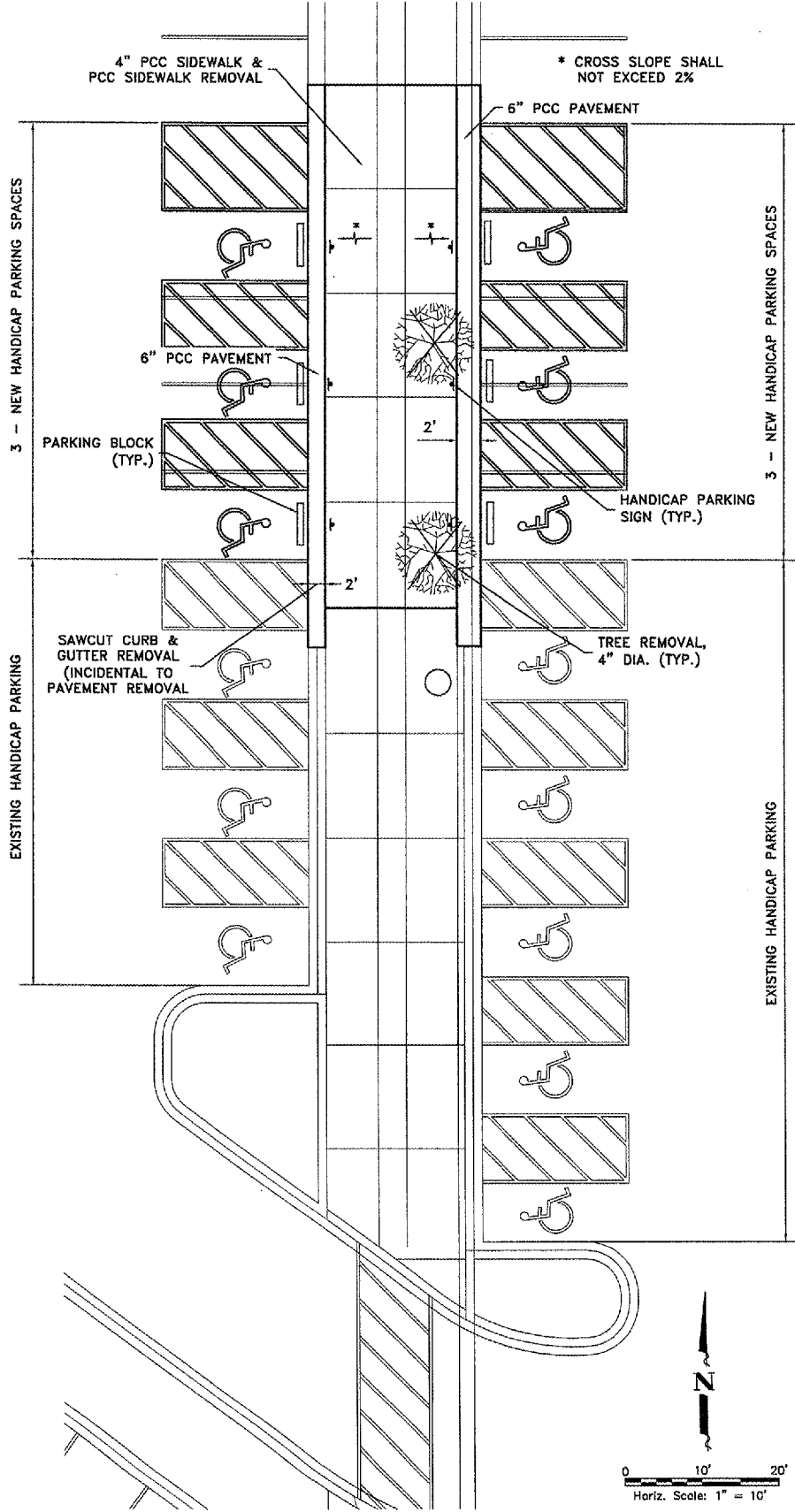
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DATE:	APRIL 2007

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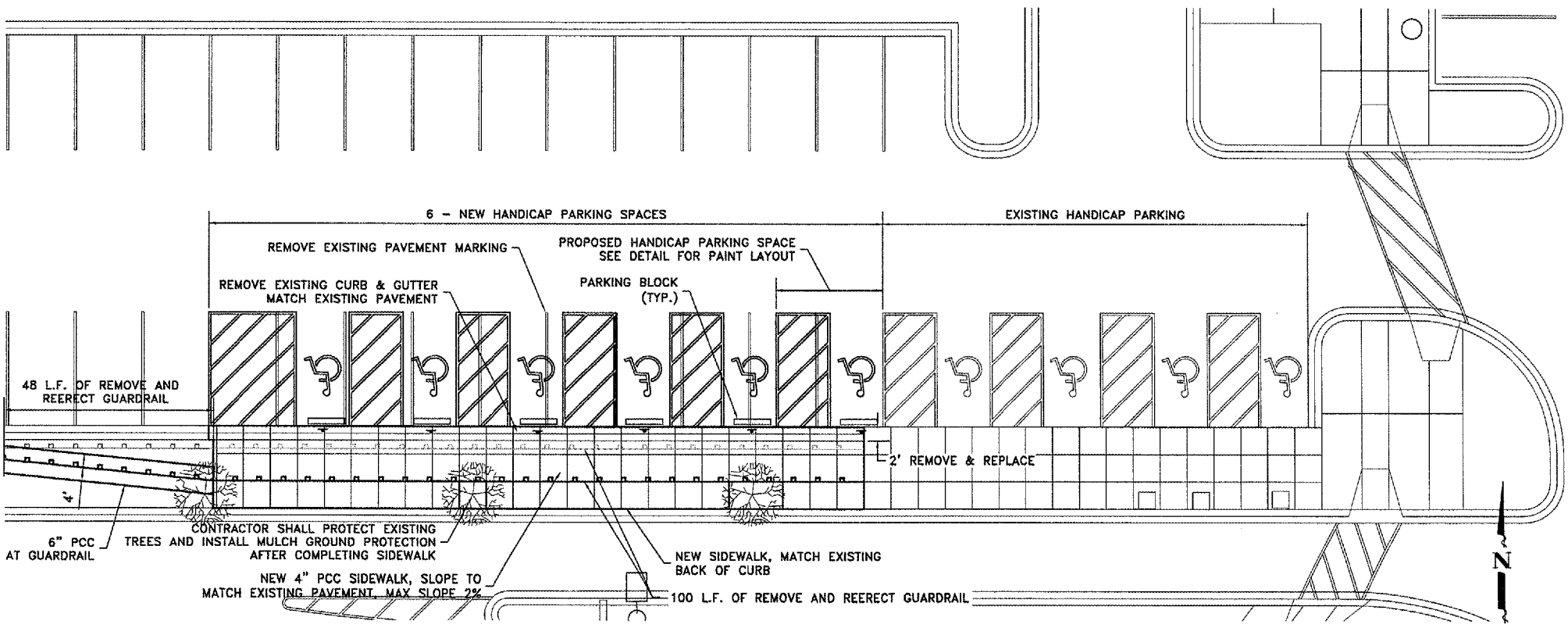
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ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\0107.001\DWG\0700INT.DWG  
JOB NUMBER: 01-29-07-001



LOCATION MAP - HANDICAP PARKING MODIFICATIONS



DETAIL - HANDICAP PARKING MODIFICATIONS- AREA 2



DETAIL - HANDICAP PARKING MODIFICATIONS- AREA 1

0 10' 20'  
Horiz. Scale: 1" = 10'

0 10' 20'  
Horiz. Scale: 1" = 10'

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX



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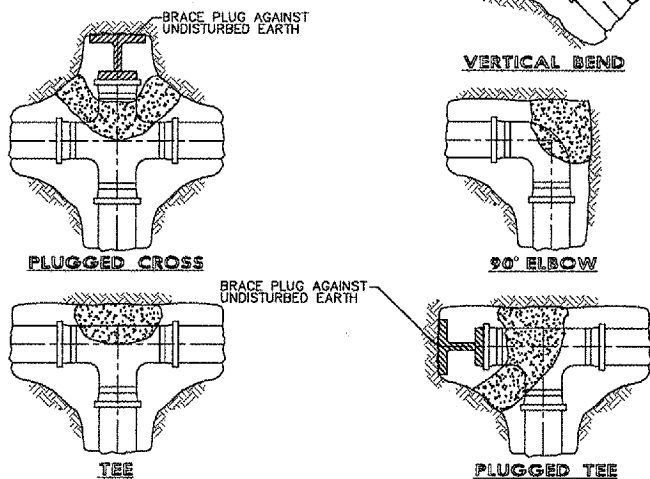
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**HANDICAP PARKING MODIFICATIONS**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: F:\M0107.001\DWG\07001-HANDICAP REV.DWG  
JOB NUMBER: 01-29-07-001

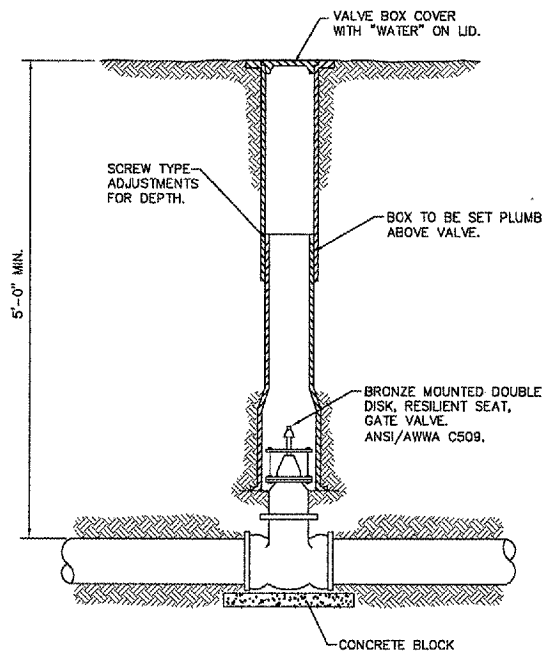


NOTES:

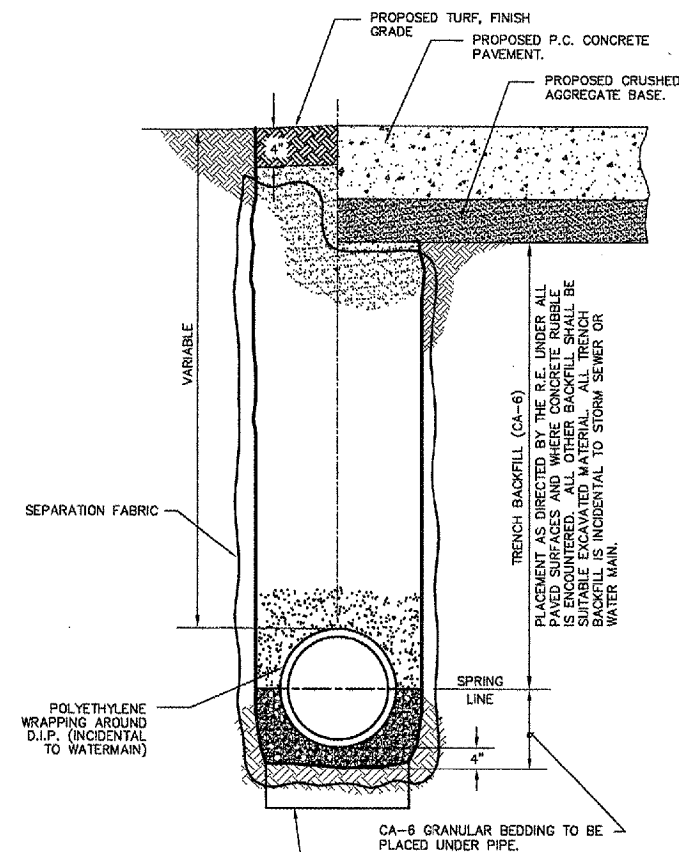
- 1.) ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH.
- 2.) ALL BLOCKS TO BE 3,000 P.S.I. CONCRETE, OR SOLID CONCRETE BLOCK
- 3.) ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.



**THRUST BLOCK INSTALLATION**  
NOT TO SCALE

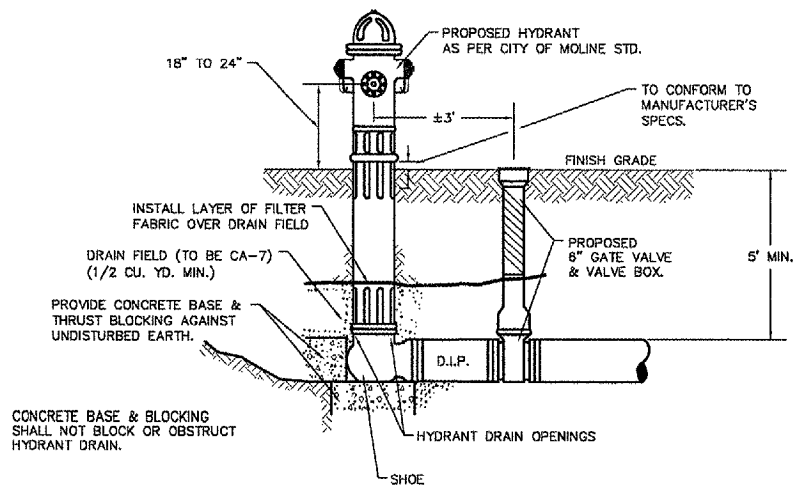


**VALVE INSTALLATION DETAIL**  
NOT TO SCALE



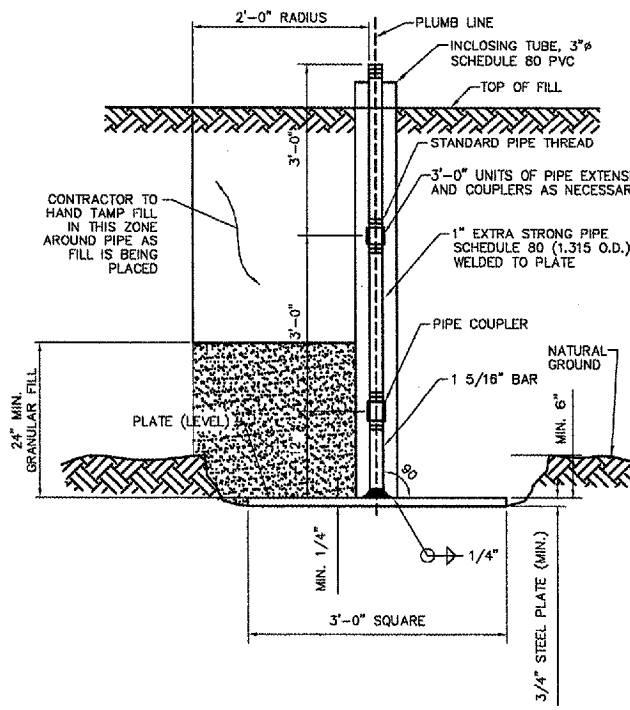
NOTE: GRANULAR BEDDING, TRENCH BACKFILL, AND SEPARATION FABRIC SHALL BE CONSIDERED INCIDENTAL TO THE STORM SEWER OR WATERMAIN. ADDITIONAL "GRANULAR BEDDING" (CA-6) MAY BE REQUIRED IN AREAS WITH UNSUITABLE SOIL. (AS REQUIRED BY THE ENGINEER).

**TYPICAL STORM SEWER/WATERMAIN INSTALLATION DETAIL**  
NOT TO SCALE



**TYPICAL FIRE HYDRANT**  
NOT TO SCALE

- NOTE:
- 1.) ALL REFERENCES TO SPECIFICATIONS REFER TO THE CITY OF MOLINE SPECIFICATIONS AND STANDARDS.
  - 2.) THRUST BLOCK AND WATER VALVE INSTALLATION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARD DRAWINGS NOS. 12 AND 14 RESPECTIVELY.



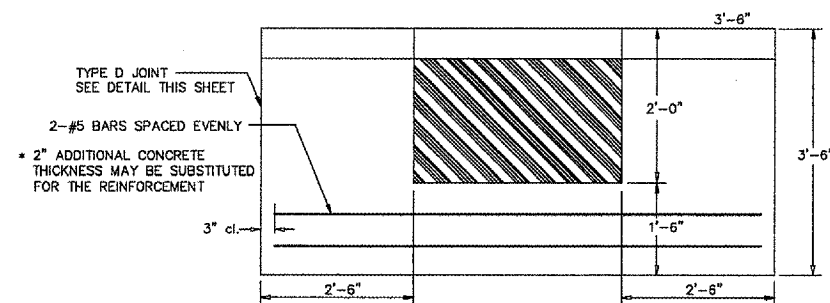
- SETTLEMENT PLATES CONSTRUCTION NOTE:**
1. ALL SETTLEMENT PLATES AND ALL NECESSARY PIPE EXTENSIONS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
  2. PLATES AND EXTENSIONS SHALL BE APPROVED BY THE ENGINEER BEFORE CONSTRUCTION IS BEGUN ON THE FILL WHERE INDIVIDUAL SETTLEMENT PLATES ARE TO BE LOCATED.
  3. INSTALLATION SHALL BE MADE AS INDICATED HEREON OR AS DIRECTED BY THE ENGINEER.
  4. SETTLEMENT PLATES SHALL BE PLACED AT LOCATIONS AS SPECIFIED ON THE PROJECT PLANS.
  5. THE SETTLEMENT PLATES SHALL BE INSTALLED AT LEAST 6 INCHES BELOW SURFACE OF NATURAL GROUND FIRMLY SEATED AND LEVEL TO ENSURE INSTALLATION OF THE EXTENSIONS IN A PLUMB LINE. NECESSARY EXTENSIONS SHALL BE INSTALLED AS CONSTRUCTION OF THE FILL PROGRESSES.
  6. THE COST OF FURNISHING AND INSTALLING SETTLEMENT PLATES WITH EXTENSIONS WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED TO BE INCIDENTAL TO BORROW EXCAVATION.
  7. CONTRACTOR TO REMOVE INCLOSING TUBES AND 1" PIPES ABOVE THREADED COUPLINGS AT END OF SETTLEMENT PERIOD. FILL HOLES WITH SAND AND SATURATE WITH WATER.

**SETTLEMENT PLATE DETAIL**  
NOT TO SCALE

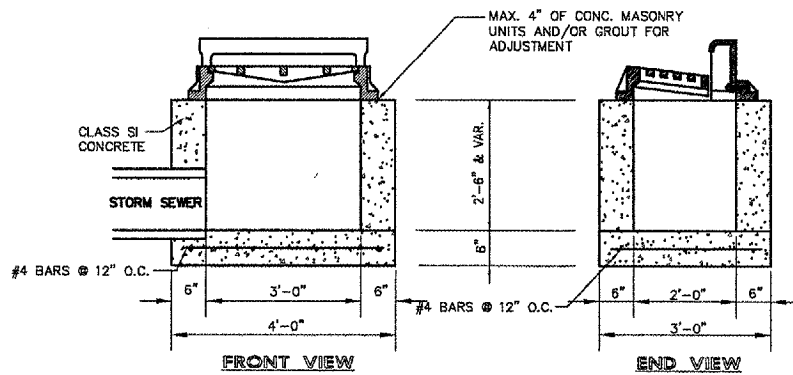
IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

REVISIONS		
NO.	ITEM	DATE

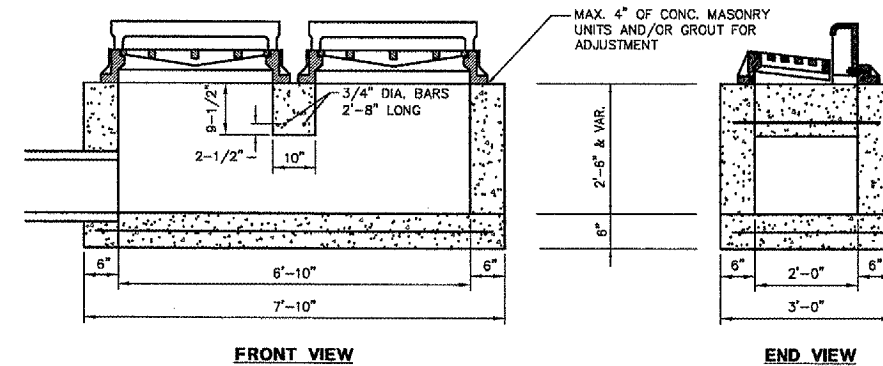
PLOTTING SCALE:	1" = 1'
DRAWN BY:	BLH
CHECKED BY:	SAS
DATE:	APRIL 2007



**BOX-OUT DETAIL**  
NOT TO SCALE



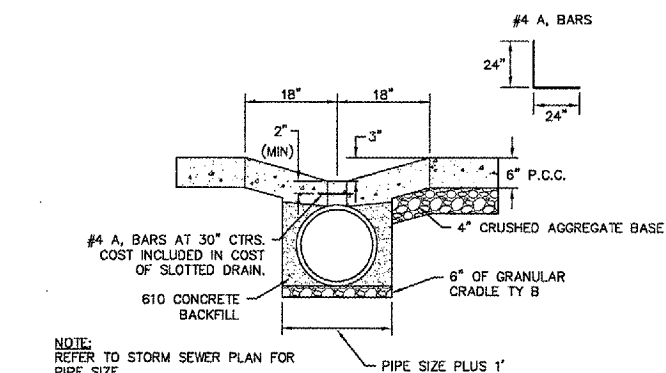
**INLET - TYPE A**  
NOT TO SCALE



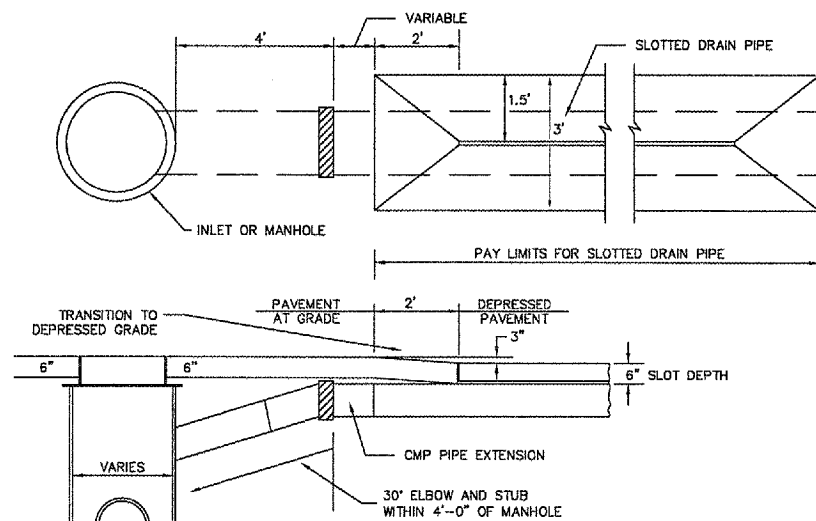
**INLET - TYPE B**  
NOT TO SCALE

- NOTES:**
- 1.) INLET BOXES ARE TO BE USED WITH NEENAH #R-3067 OR APPROVED EQUAL INLET FRAME, CURB BOX AND TYPE DL/DR GRATE.
  - 2.) INLET BOXES MAY BE PRECAST OR CAST IN PLACE CONCRETE.

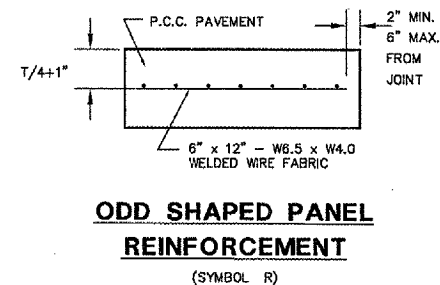
- NOTES:**
- 1.) INLET BOXES ARE TO BE USED WITH NEENAH #R-3067 OR APPROVED EQUAL INLET FRAME, CURB BOX AND TYPE DL/DR GRATE.
  - 2.) INLET BOXES MAY BE PRECAST OR CAST IN PLACE CONCRETE.



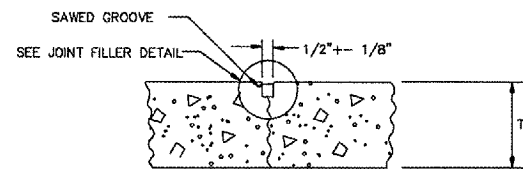
**TYPICAL SLOTTED DRAIN INSTALLATION DETAIL**  
NOT TO SCALE



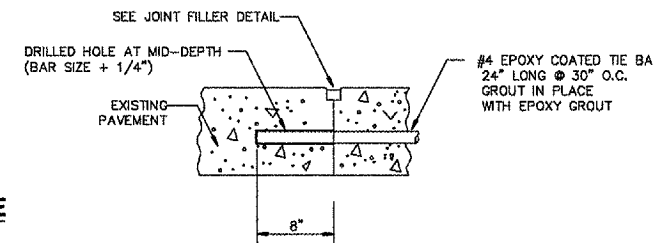
**TYPICAL DRAIN PIPE CONNECTION TO STRUCTURE**  
NOT TO SCALE



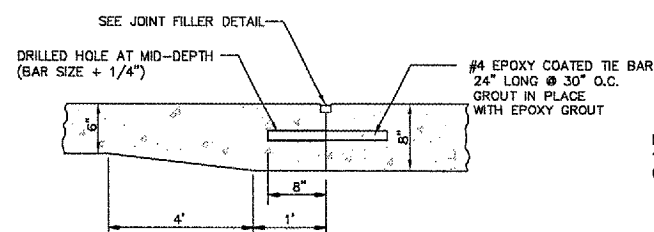
**ODD SHAPED PANEL REINFORCEMENT**  
(SYMBOL R)



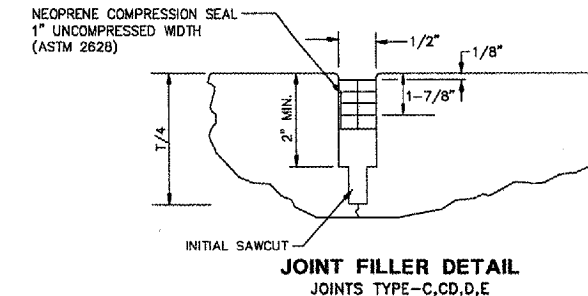
**JOINT TYPE-C (DUMMY) TRANSVERSE**  
NOT TO SCALE



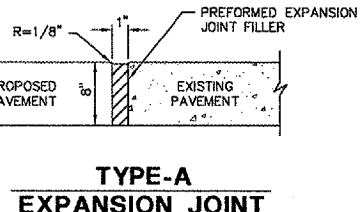
**JOINT TYPE-D**  
**GROUTED IN-PLACE TIE BAR ADJACENT TO EXISTING PAVEMENT**



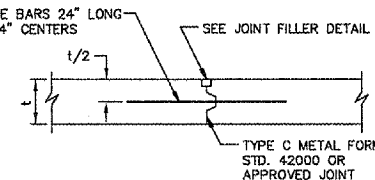
**TRANSITION PAVEMENT JOINT**  
NOT TO SCALE



**JOINT FILLER DETAIL**  
JOINTS TYPE-C, CD, D, E



**TYPE-A EXPANSION JOINT**



**JOINT TYPE-E**  
**LONGITUDINAL METAL**

- GENERAL NOTES (JOINTS):**
- 1.) ALL TRANSVERSE JOINTS MUST EXTEND THROUGH CURBS AND BE CONTINUOUS ACROSS PAVEMENT, EXCEPT TIED TRANSVERSE CONSTRUCTION JOINTS.
  - 2.) JOINTS SHALL BE SAWED TO A DEPTH OF T/4 FOR TRANSVERSE JOINTS AND T/3 FOR LONGITUDINAL JOINTS. UNLESS OTHERWISE NOTED, SAW JOINTS SHALL BE SEALED WITH PREFORMED POLYCHLOROPRENE ELASTOMERIC JOINT SEAL.

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

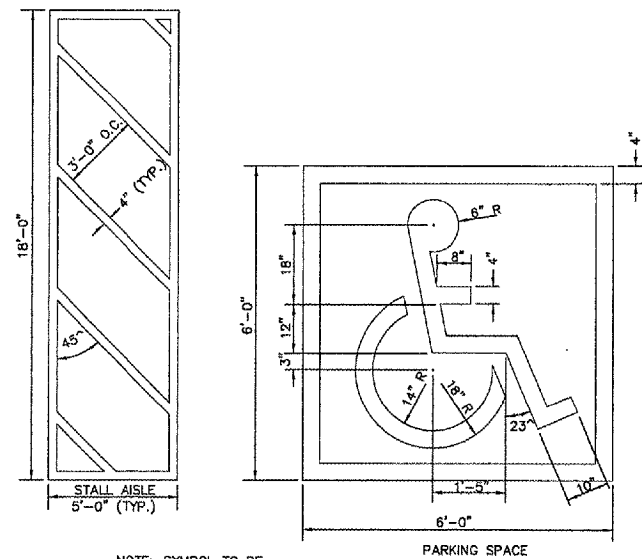


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PLOTTING SCALE:	1" = 1"
DRAWN BY:	BLH
CHECKED BY:	SAS
DATE:	APRIL 2007

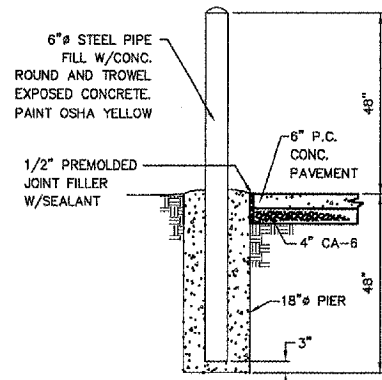
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**CONSTRUCTION DETAILS**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: F:\WD107.001\DWG\07001CD.DWG  
JOB NUMBER: 01-29-07-001

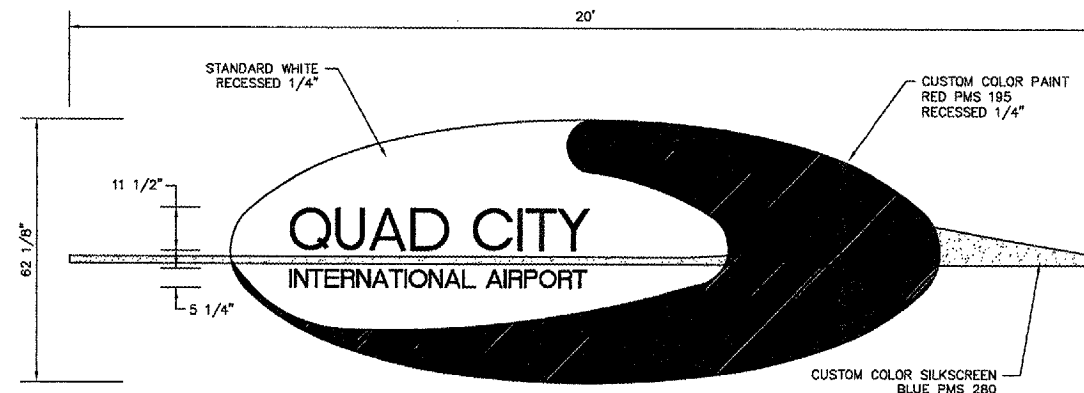


NOTE: SYMBOL TO BE PAINTED IN ALL H.C. PARKING SPACES.

**ACCESSIBLE PARKING (H.C.) DETAIL**  
NOT TO SCALE



**BOLLARD DETAIL**  
NOT TO SCALE

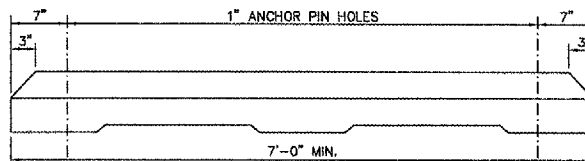


QTY. 3 FABRICATED ALUMINUM PLAQUES

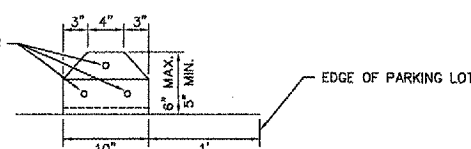
SIGN AREA = 103.54 SQ. FT.

TYPESTYLE = SWIS 721 HV BT ITALIC

**RETAINING WALL SIGN DETAIL**  
NOT TO SCALE

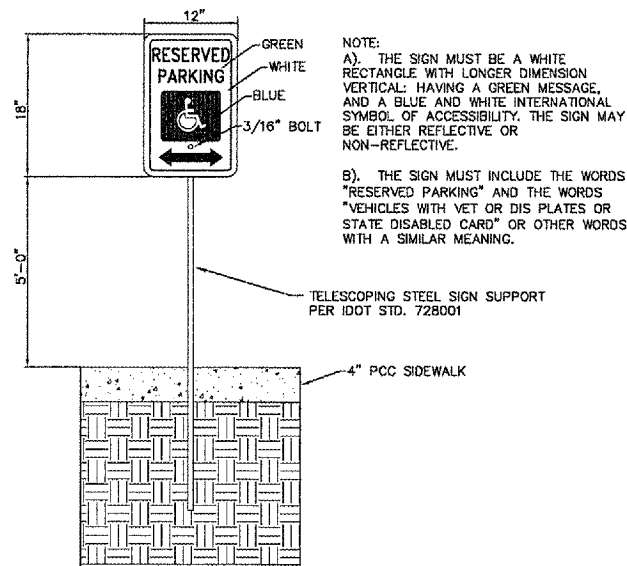


MIN. 3-3/8" REINFORCING BAR



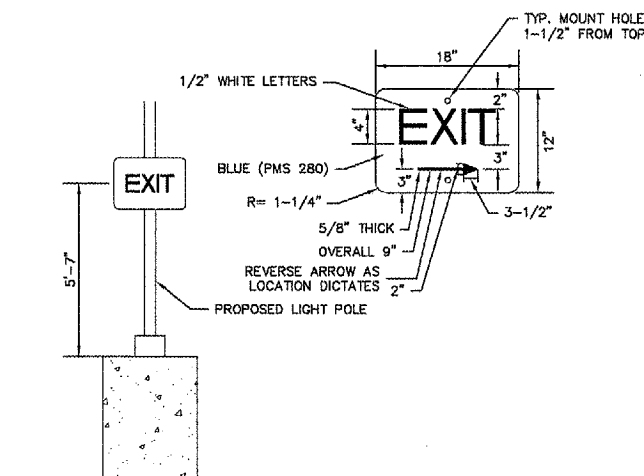
- NOTE:
- 1.) 610 CONCRETE SHALL BE USED THROUGHOUT.
  - 2.) ANCHOR PINS SHALL BE 3/4" DIAMETER, 36" LONG.
  - 3.) THE COST OF THE MATERIAL, LABOR AND EQUIPMENT NECESSARY TO INSTALL THE PARKING BLOCKS WITH ANCHOR PINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR PARKING BLOCKS.

**DETAIL FOR PARKING BLOCKS**  
NOT TO SCALE

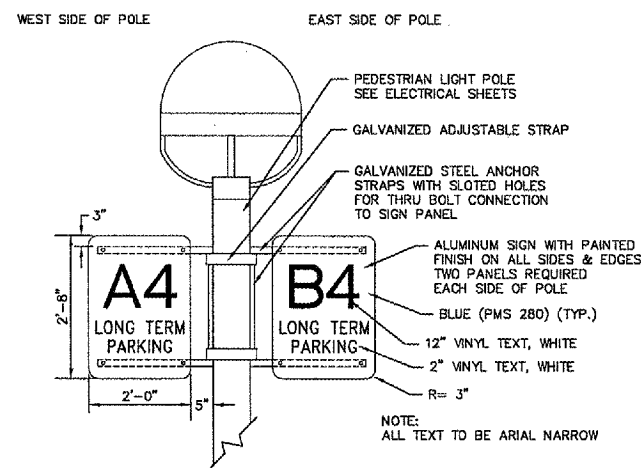


- NOTE:
- A). THE SIGN MUST BE A WHITE RECTANGLE WITH LONGER DIMENSION VERTICAL, HAVING A GREEN MESSAGE, AND A BLUE AND WHITE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN MAY BE EITHER REFLECTIVE OR NON-REFLECTIVE.
  - B). THE SIGN MUST INCLUDE THE WORDS "RESERVED PARKING" AND THE WORDS "VEHICLES WITH YET OR DIS PLATES OR STATE DISABLED CARD" OR OTHER WORDS WITH A SIMILAR MEANING.

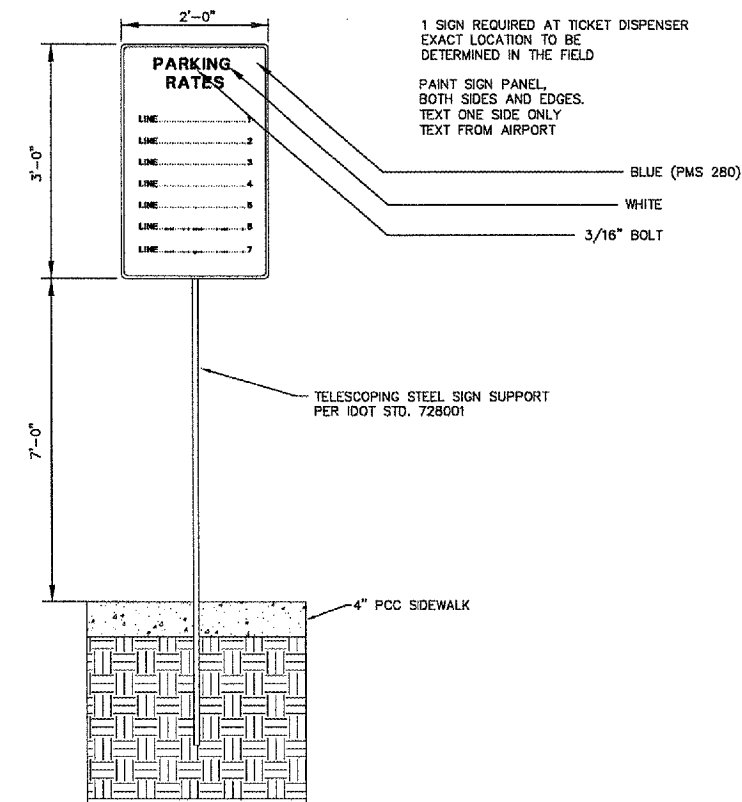
**HANDICAP PARKING SIGN**  
NOT TO SCALE  
QUANTITY REQUIRED = 12



**EXIT SIGN DETAIL**  
NOT TO SCALE  
QUANTITY REQUIRED = 14



**WAYFINDING SIGN DETAIL**  
NOT TO SCALE  
QUANTITY REQUIRED = 4 PANELS

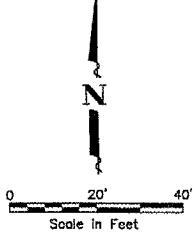


**PARKING LOT RATE SIGN**  
NOT TO SCALE  
QUANTITY REQUIRED = 1

IL PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

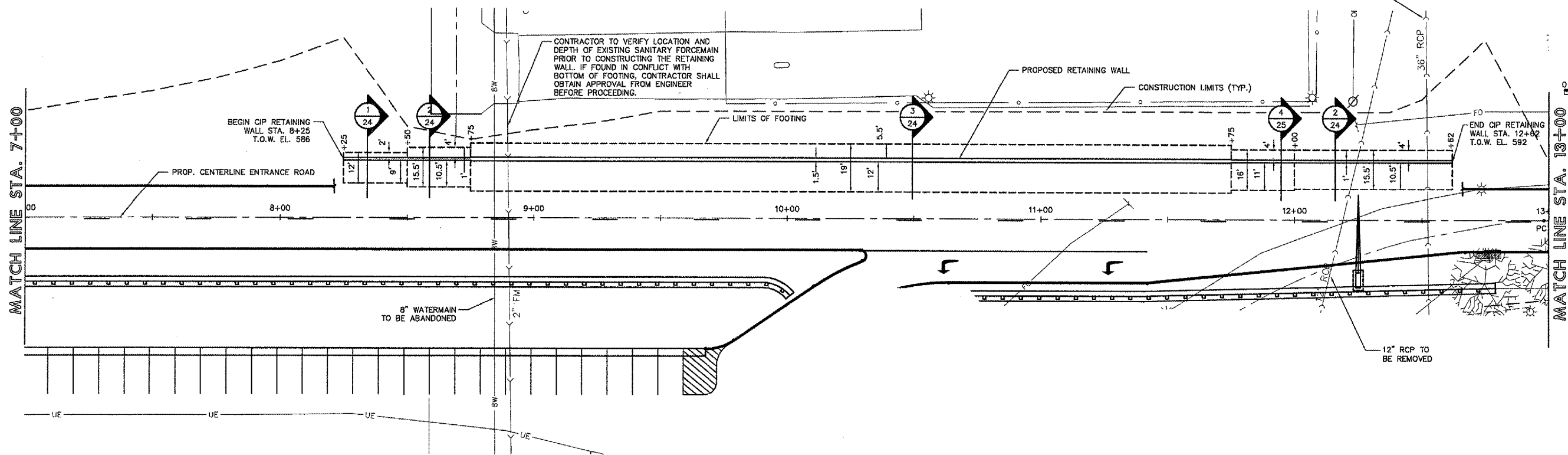
REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE:	1" = 1'
DRAWN BY:	BLH
CHECKED BY:	SAS
DATE:	APRIL 2007



CONTRACTOR TO VERIFY LOCATION AND DEPTH OF 36" RCP PRIOR TO CONSTRUCTING THE RETAINING WALL. IF FOUND IN CONFLICT WITH BOTTOM OF FOOTING, CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER BEFORE PROCEEDING.

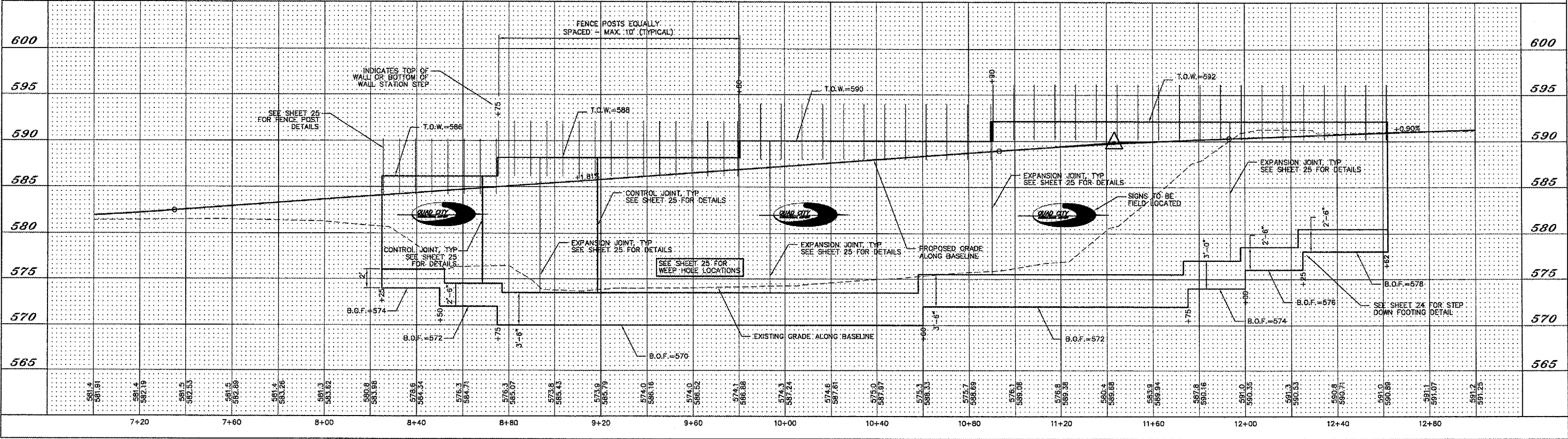
CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING SANITARY FORCEMAIN PRIOR TO CONSTRUCTING THE RETAINING WALL. IF FOUND IN CONFLICT WITH BOTTOM OF FOOTING, CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER BEFORE PROCEEDING.



# RETAINING WALL PLAN

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

T.O.W.= TOP OF WALL  
B.O.F.= BOTTOM OF FOOTING



QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



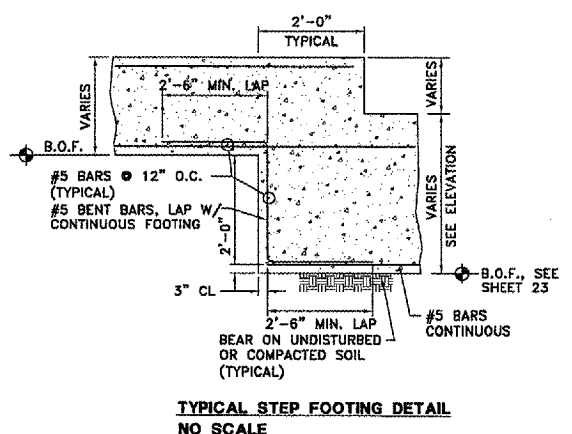
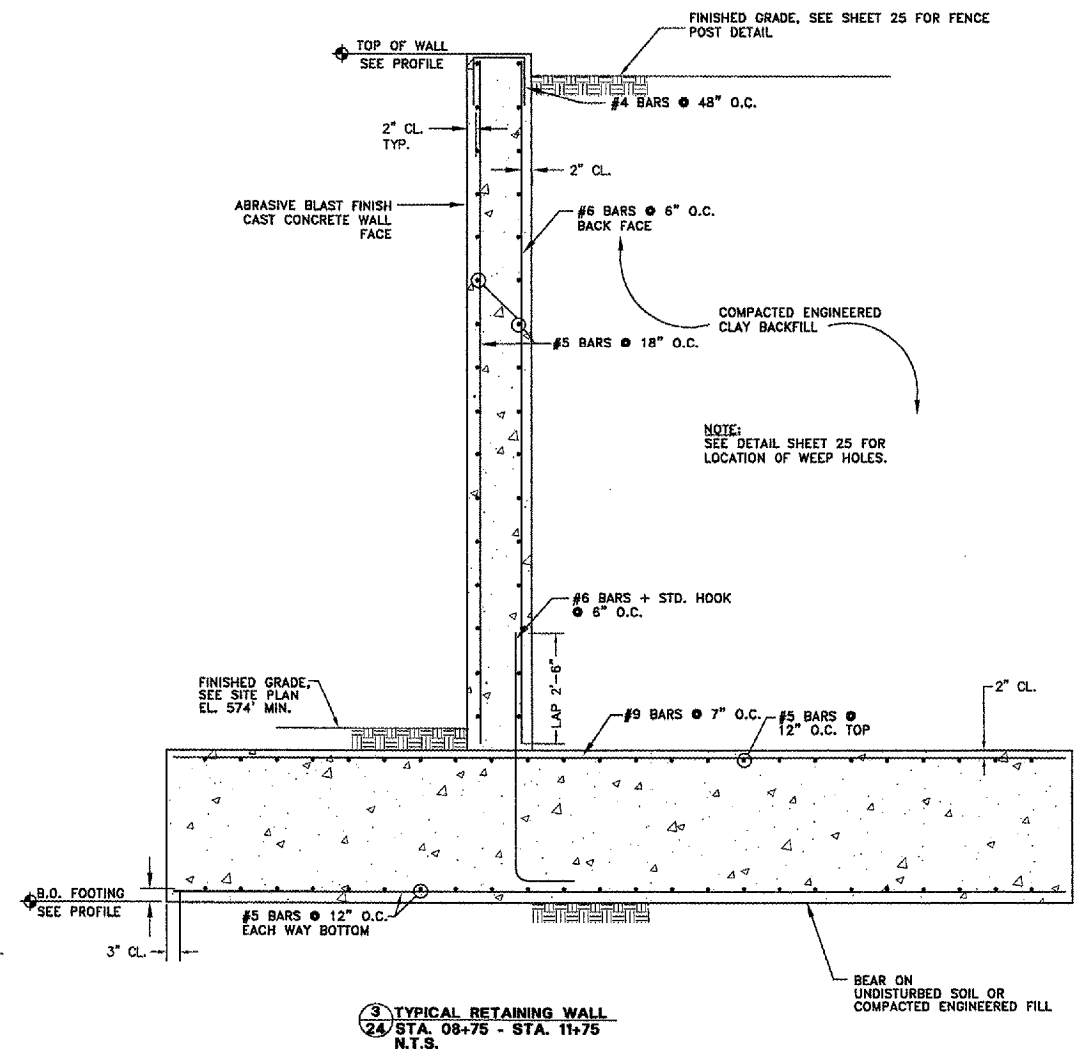
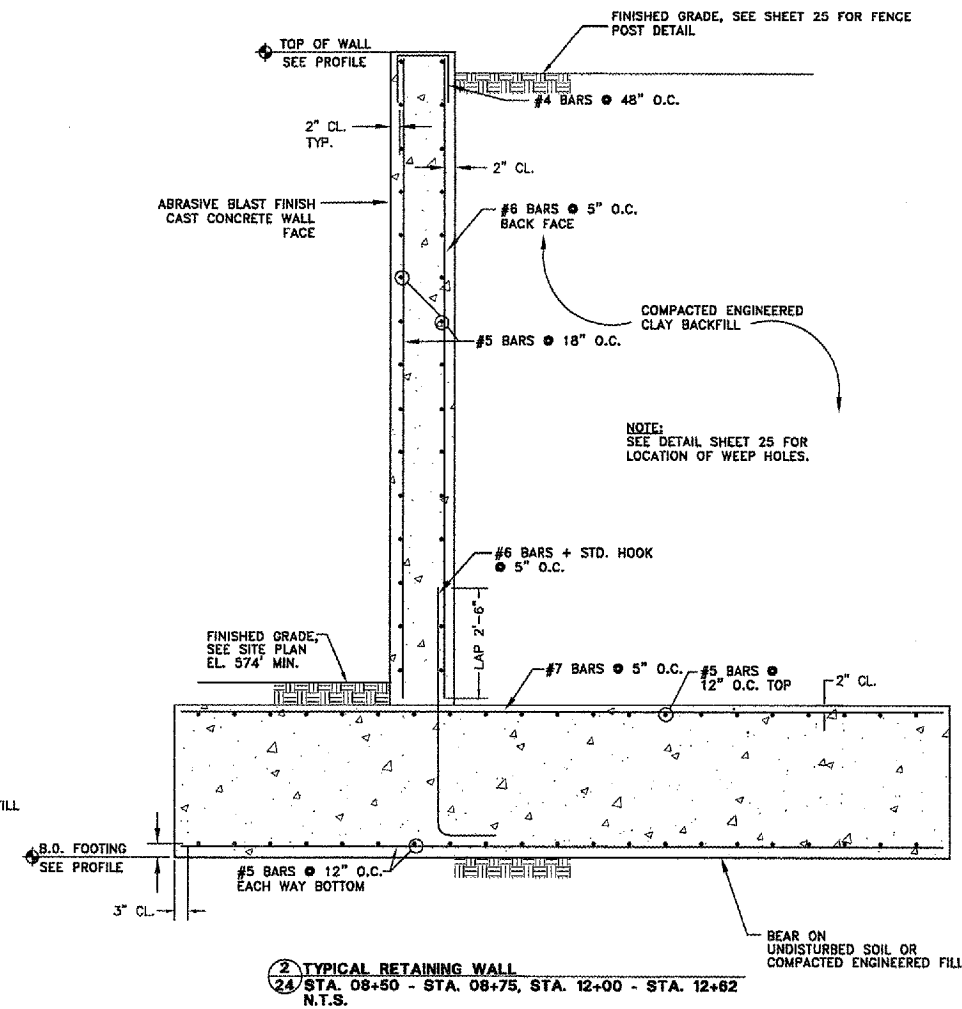
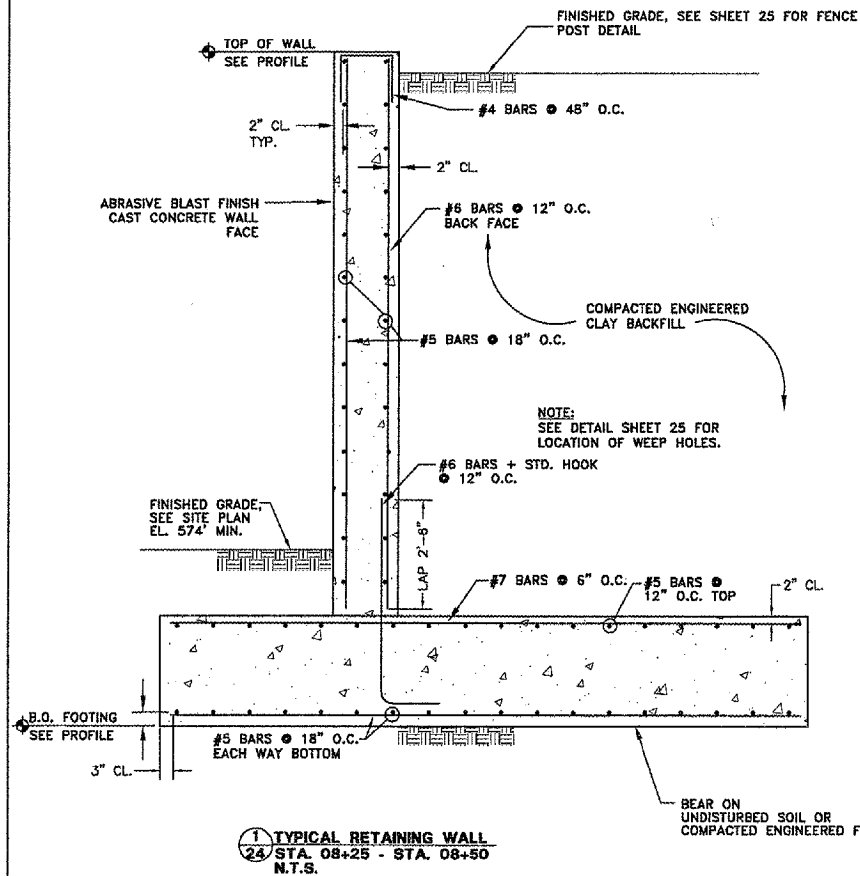
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NO.	ITEM	DATE

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DRAWN BY: KED  
CHECKED BY: AAG  
DATE: APRIL 2007

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**CIP RETAINING WALL PLAN & PROFILE**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\M0107.001\DWG\RetWallP&P.dwg  
JOB NUMBER: 01-29-07-001

SHEET NO.  
**23**  
OF 41



IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-04



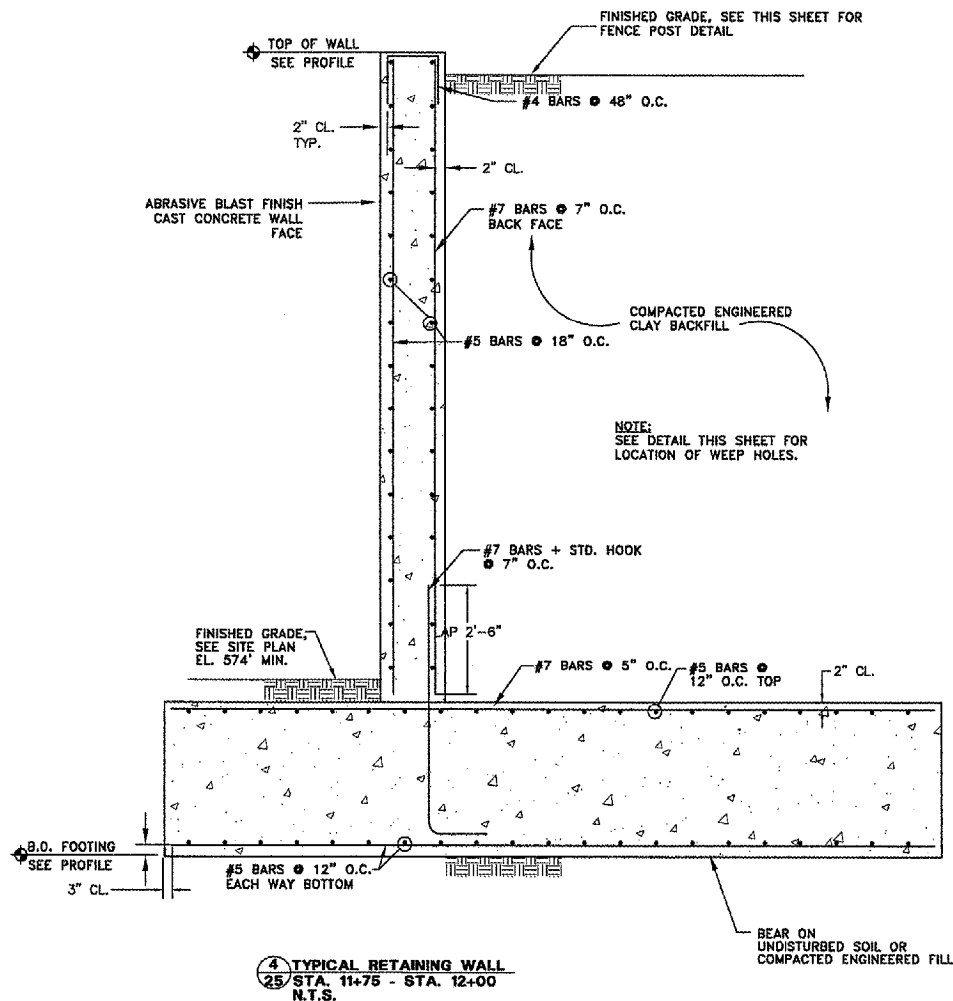
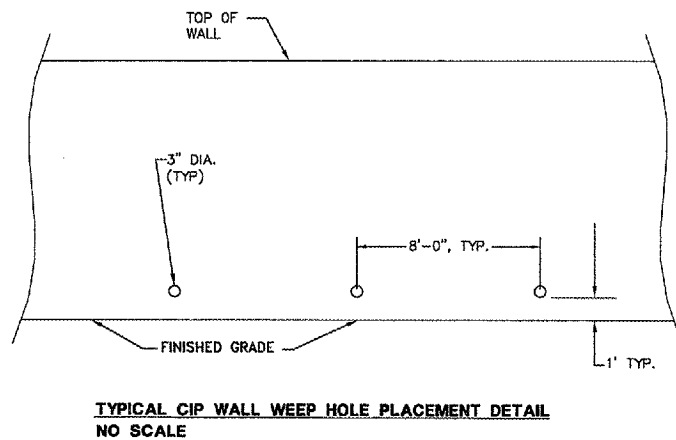
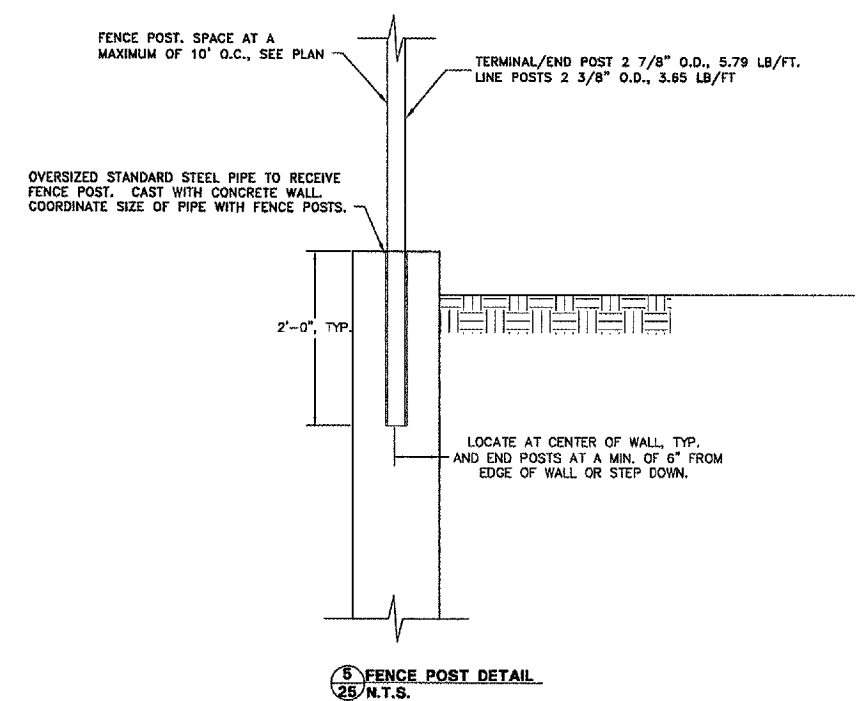
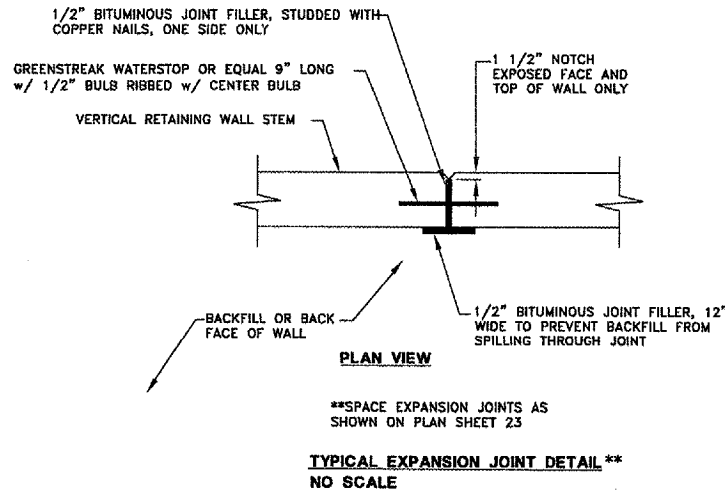
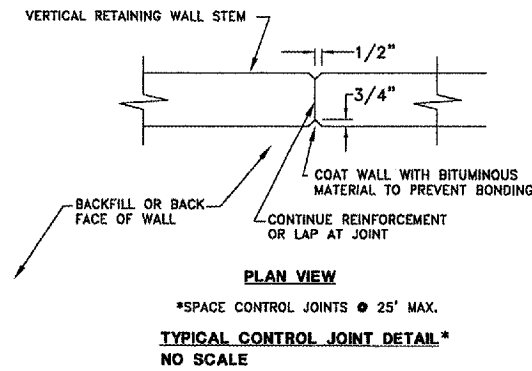
REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE: NOT TO SCALE  
DRAWN BY: VAC  
CHECKED BY: AAG  
DATE: MARCH 2007

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CIP RETAINING WALL TYPICAL SECTIONS  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: I:\M0107.001\DWG\RetWallDetails.dwg  
JOB NUMBER: 01-29-07-001





**MIN. BAR LAPS**

SIZE	LENGTH
#5	30"
#6	36"
#7	42"
#9	54"

**ESTIMATED QUANTITIES**

ITEM	QUANTITY
CONCRETE STRUCTURES CU. YDS	1266
REINFORCEMENT BARS LBS	113,350

- GENERAL INFORMATION**
- THE INTENT OF THESE PLANS AND SPECIFICATIONS IS TO PRESENT THE PROJECT REQUIREMENTS FOR ALL WORK NECESSARY TO PROVIDE THE COMPLETE STRUCTURE CALLED FOR AND AS SHOWN ON THESE PLANS. MAJOR DETAILS HAVE BEEN SHOWN ON THE DRAWINGS; HOWEVER, CERTAIN MINOR DETAILS MUST BE WORKED OUT IN THE FIELD BY THE CONTRACTOR.
  - VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION.
- NOTES:**
- ALL WORK SHALL CONFORM TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. IN PARTICULAR, SECTION 503 FOR CONCRETE STRUCTURES.
  - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, MAXIMUM SLUMP OF 4" AND AIR ENTRAINED 6%±2%.
  - REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ASTM A615 GRADE 60 DEFORMED BARS.
  - 3/4" CHAMFER ALL EXPOSED EDGES.
  - ALL CONSTRUCTION JOINTS SHALL BE BONDED.
  - ALLOWABLE SOIL BEARING PRESSURE AT TOE IS TO BE 1500 PSF. FIELD VERIFY AT TIME OF CONSTRUCTION.
  - BACKFILL BEHIND THE RETAINING WALLS SHALL BE PLACED TO THE LINES AND GRADES AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE CARE TO ENSURE USE OF SUITABLE MATERIAL AND PROPER COMPACTION OF ALL FILL AREAS. COMPACTION SHALL BE PERFORMED WITH A LOOSE THICKNESS OF NO MORE THAN 8" AND EACH LIFT SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698), TAKING CARE NOT TO OVERCOMPACT THE SOIL DIRECTLY BEHIND THE WALL. SOIL MOISTURE SHALL BE WITHIN -2 TO +3% OF OPTIMUM.

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

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Moline, IL



**REVISIONS**

NO.	ITEM	DATE

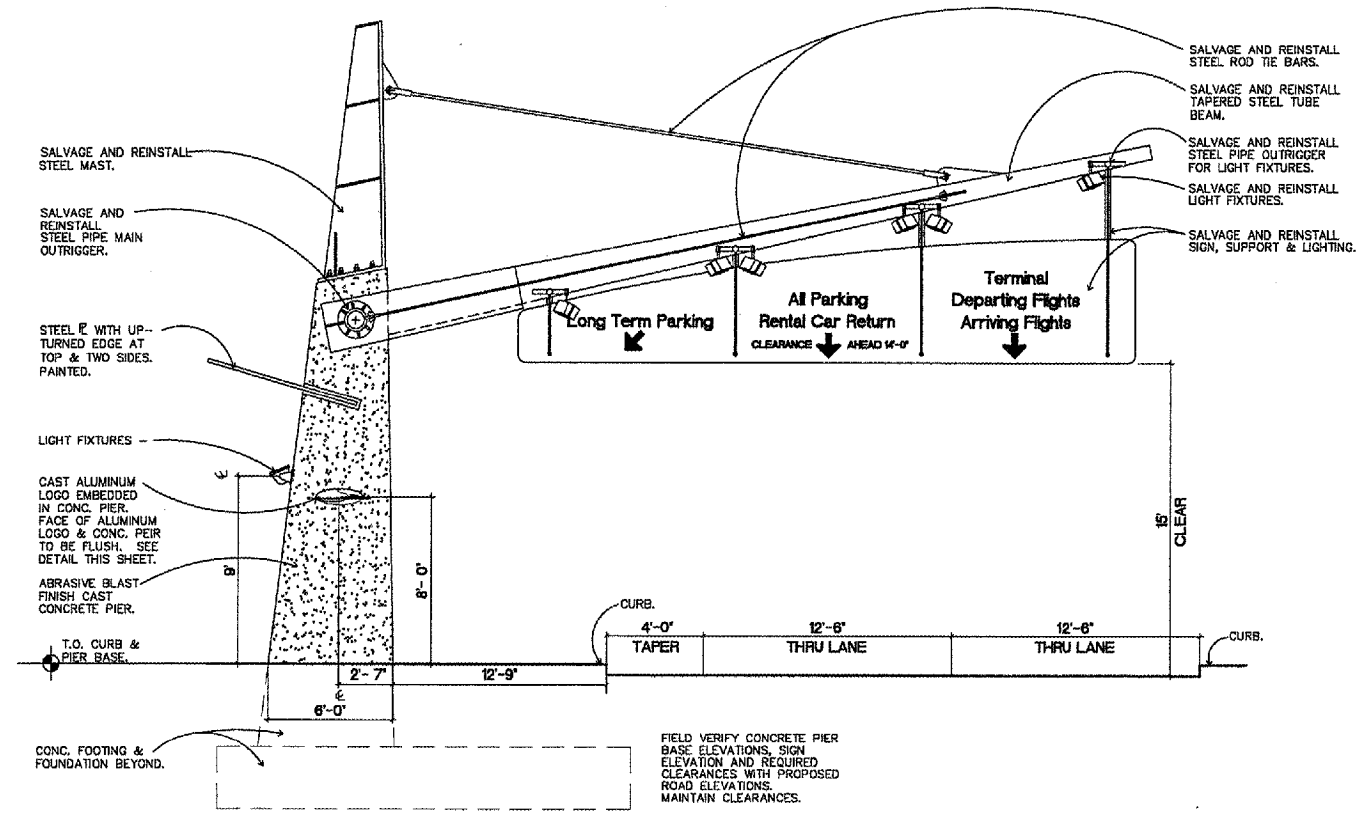
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DRAWN BY: VAC  
CHECKED BY: AAG  
DATE: MARCH 2007

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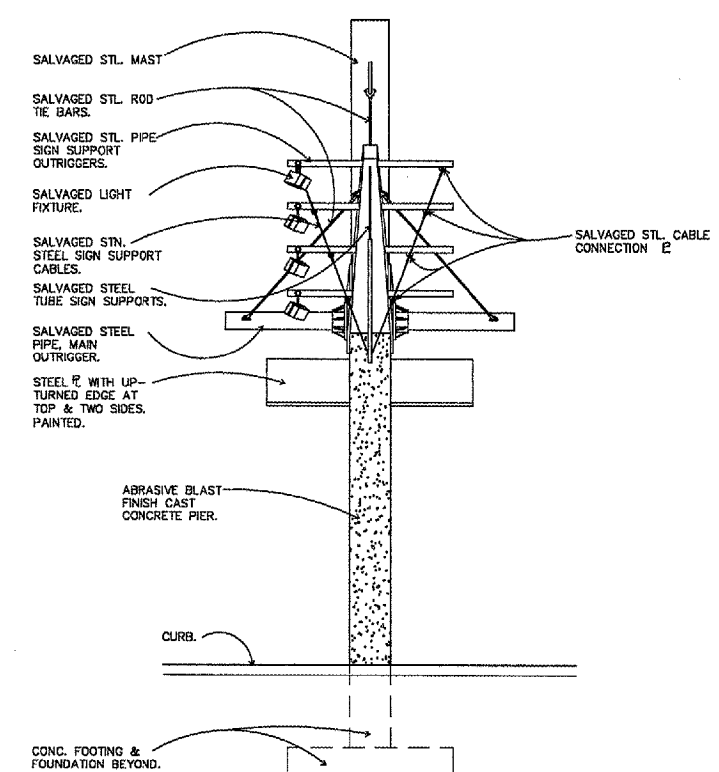
**CIP RETAINING WALL DETAILS**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\0107.001\DWG\RetWallDetails.dwg  
JOB NUMBER: 01-28-07-001

SHEET NO.  
**25**  
OF 41

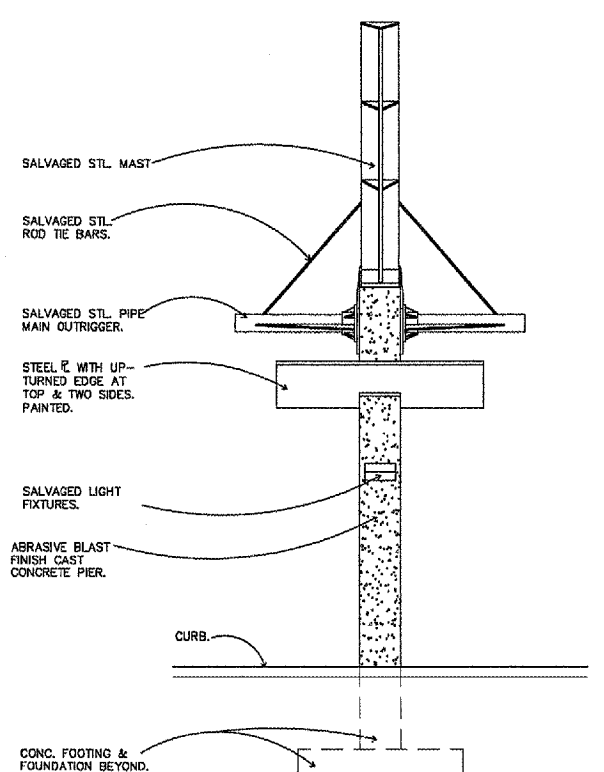




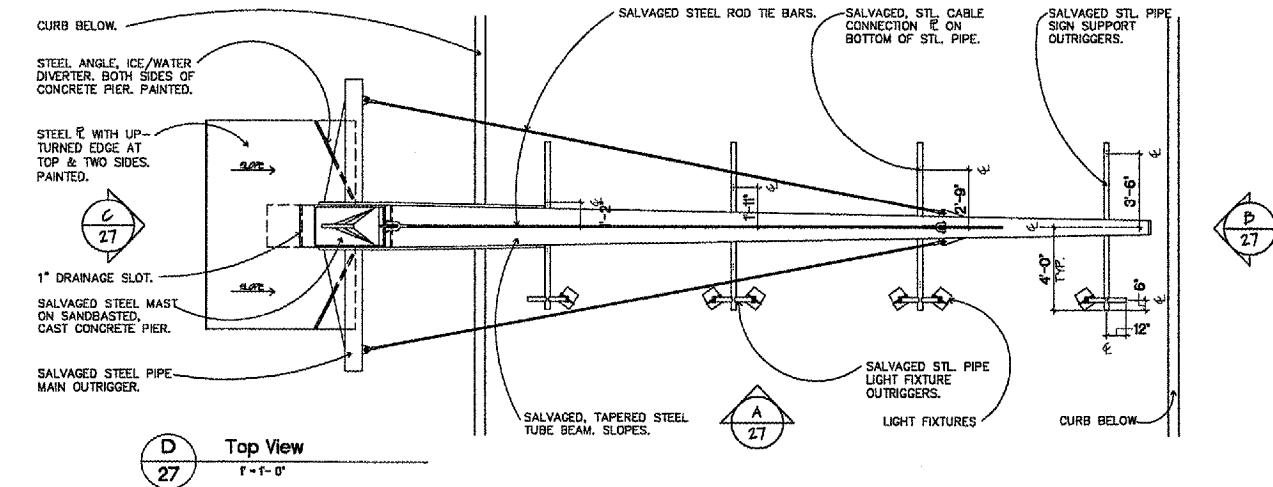
**A** Typ. Side Elevation  
1" = 1'-0"



**B** Typ. End Elevation  
1" = 1'-0"

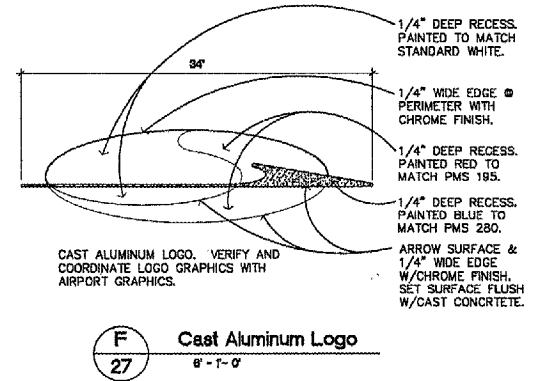


**C** Typ. End Elevation  
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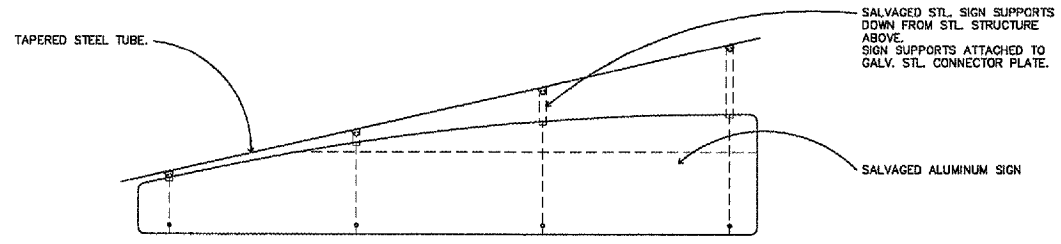


**D** Top View  
1" = 1'-0"

GENERAL NOTES:  
1. SEE STRUCTURAL DRAWINGS FOR DETAILING & DIMENSIONING OF STEEL & CAST CONCRETE UNLESS NOTED OTHERWISE.  
2. SALVAGED PIECES SHALL BE STRIPPED TO BARE METAL, PRIMED, AND REPAINTED TO MATCH EXISTING COLORS.



**F** Cast Aluminum Logo  
1" = 1'-0"



**E** Typ. Bridge Sign Panel  
1" = 1'-0"



REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE: 1" = 50'

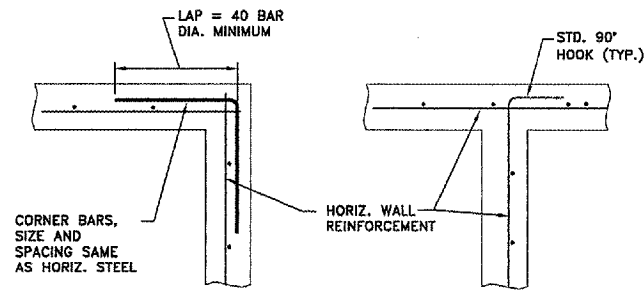
DRAWN BY: BLH  
CHECKED BY: AAG  
DATE: APRIL 2007

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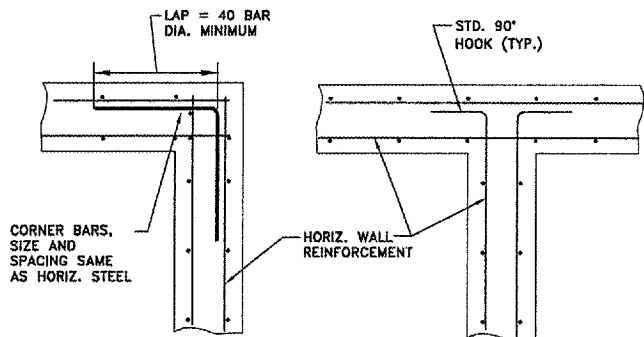
**SIGN BRIDGE PLAN & ELEVATIONS**

ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS

FILE NAME: F:\M0107.001\DWG\07001SBP2.DWG  
JOB NUMBER: 01-29-07-001

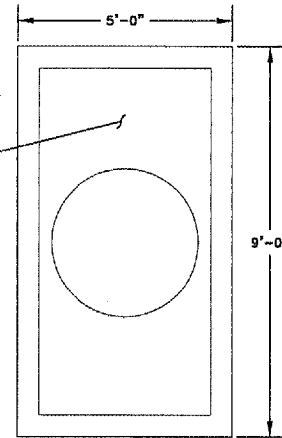


**SINGLE MAT REINFORCEMENT**



**1 CORNER REINFORCEMENT DETAIL**  
28/N.T.S.

REMOVE EXISTING CONCRETE TOP SLAB INCLUDING MANHOLE FRAME AND LID. THE MANHOLE FRAME AND LID SHALL BE SAVED AND RE-CAST WITH NEW CAST IN PLACE CONCRETE TOP SLAB. SEE PLAN BELOW. COST OF CONCRETE REMOVAL SHALL BE INCLUDED IN THE COST PER CU. YD. OF CONCRETE STRUCTURES.



**2 DEMOLITION PLAN**  
28/N.T.S.

**MIN. BAR LAPS**

SIZE	LENGTH
#4	24"
#5	30"
#6	36"

**ESTIMATED QUANTITIES**

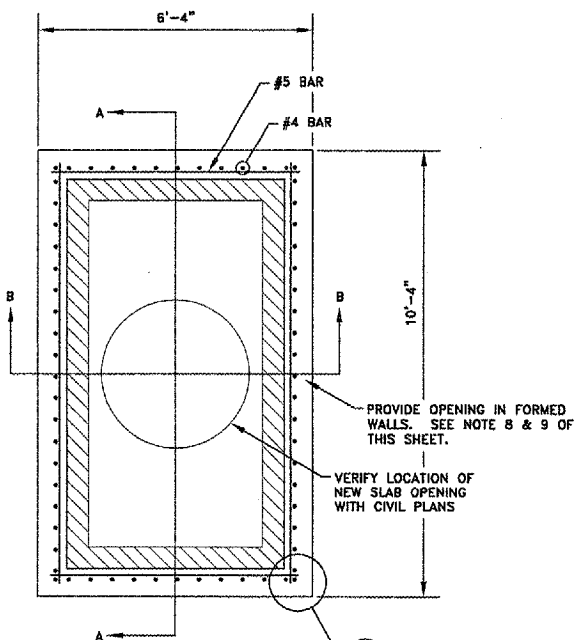
ITEM	QUANTITY
CONCRETE STRUCTURES CU. YDS.	11.0
REINFORCEMENT BARS LBS.	1330

**GENERAL INFORMATION**

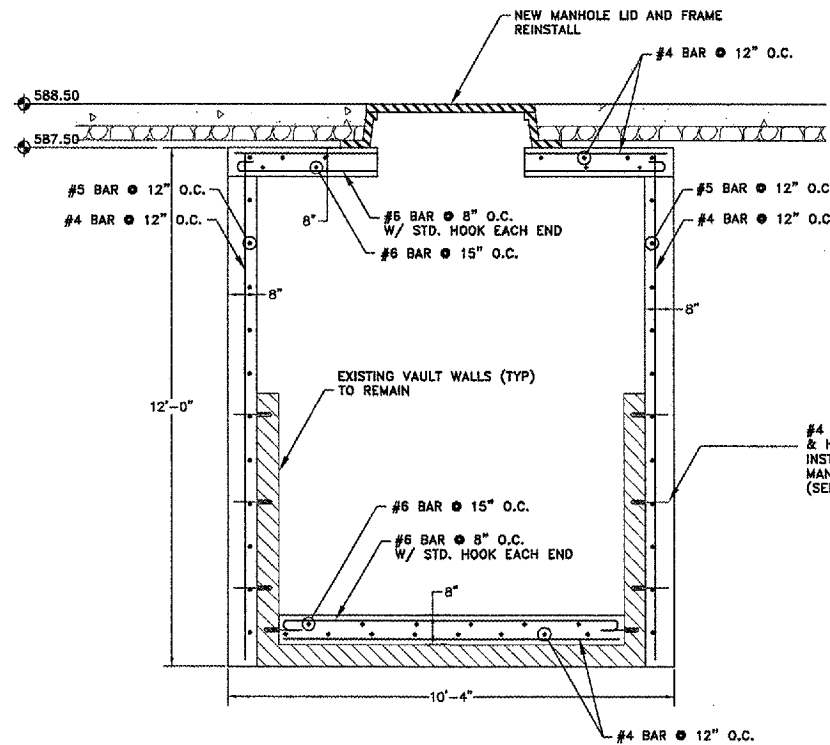
1. THE INTENT OF THESE PLANS AND SPECIFICATIONS IS TO PRESENT THE PROJECT REQUIREMENTS FOR ALL WORK NECESSARY TO PROVIDE THE COMPLETE STRUCTURE CALLED FOR AND AS SHOWN ON THESE PLANS. MAJOR DETAILS HAVE BEEN SHOWN ON THE DRAWINGS; HOWEVER, CERTAIN MINOR DETAILS MUST BE WORKED OUT IN THE FIELD BY THE CONTRACTOR.
2. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION.

**NOTES:**

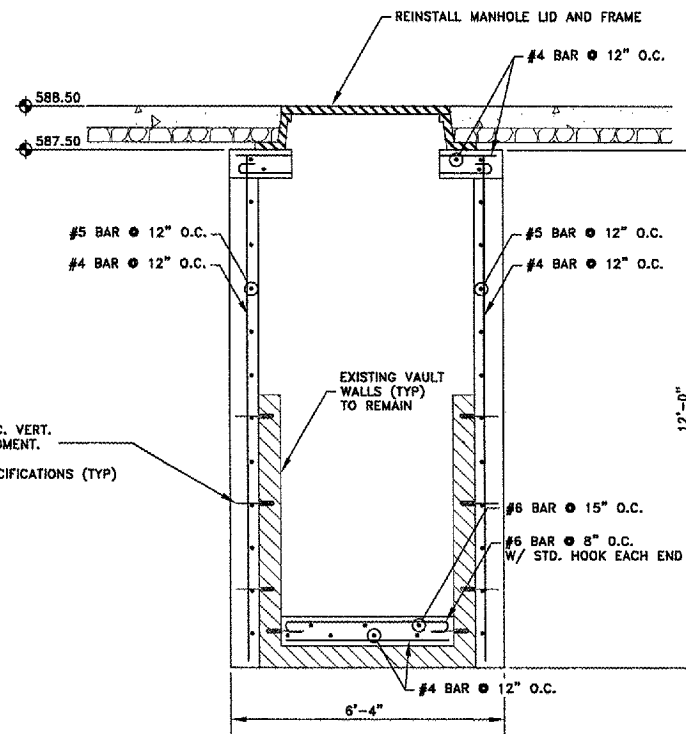
1. ALL WORK SHALL CONFORM TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, IN PARTICULAR, SECTION 503 FOR CONCRETE STRUCTURES.
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, MAXIMUM SLUMP OF 4" AND AIR ENTRAINED 6%±2%.
3. ALL CONCRETE WORK SHALL BE PLACED IN ACCORDANCE TO THE LATEST EDITION OF ACI 301.
4. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ASTM A615 GRADE 60 DEFORMED BARS.
5. 3/4" CHAMFER ALL EXPOSED EDGES.
6. ALL CONSTRUCTION JOINTS SHALL BE BONDED.
7. BACKFILL ON ALL SIDES EQUALLY. THE CONTRACTOR SHALL TAKE CARE TO ENSURE USE OF SUITABLE MATERIAL AND PROPER COMPACTION OF ALL FILL AREAS. COMPACTION SHALL BE PERFORMED WITH A LOOSE THICKNESS OF NO MORE THAN 8" AND EACH LIFT SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-998), TAKING CARE NOT TO OVERCOMPACT THE SOIL DIRECTLY BEHIND THE WALL. SOIL MOISTURE SHALL BE WITHIN -2 TO +3% OF OPTIMUM.
8. COORDINATE THE LOCATION OF THE UTILITY SLEEVE IN THE NEW CIP WALL WITH THE EXISTING UTILITY LINE SUCH THAT THERE IS NO INTERRUPTION OF SERVICE BEFORE, DURING OR AFTER CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY SUPPORT OF THE UTILITY CABLE DURING CONSTRUCTION.
10. THE EXISTING CONCRETE VAULT AND METAL RACKS WITHIN ARE TO REMAIN. THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE THE EXISTING MATERIALS.
11. ALL EXCAVATIONS MUST BE SAFELY CASED, SHEETED, SHORED OR BRACED IN ACCORDANCE WITH OSHA REQUIREMENTS.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONFINED SPACE ENTRY REQUIREMENTS.
13. COST OF FURNISHING AND INSTALLING #4 EPOXY DOWELS SHALL BE INCLUDED IN THE COST PER CU. YD. OF CONCRETE STRUCTURES.



**3 VAULT DETAIL**  
28/PLAN VIEW  
N.T.S.



**VAULT DETAIL**  
SECTION A-A  
N.T.S.

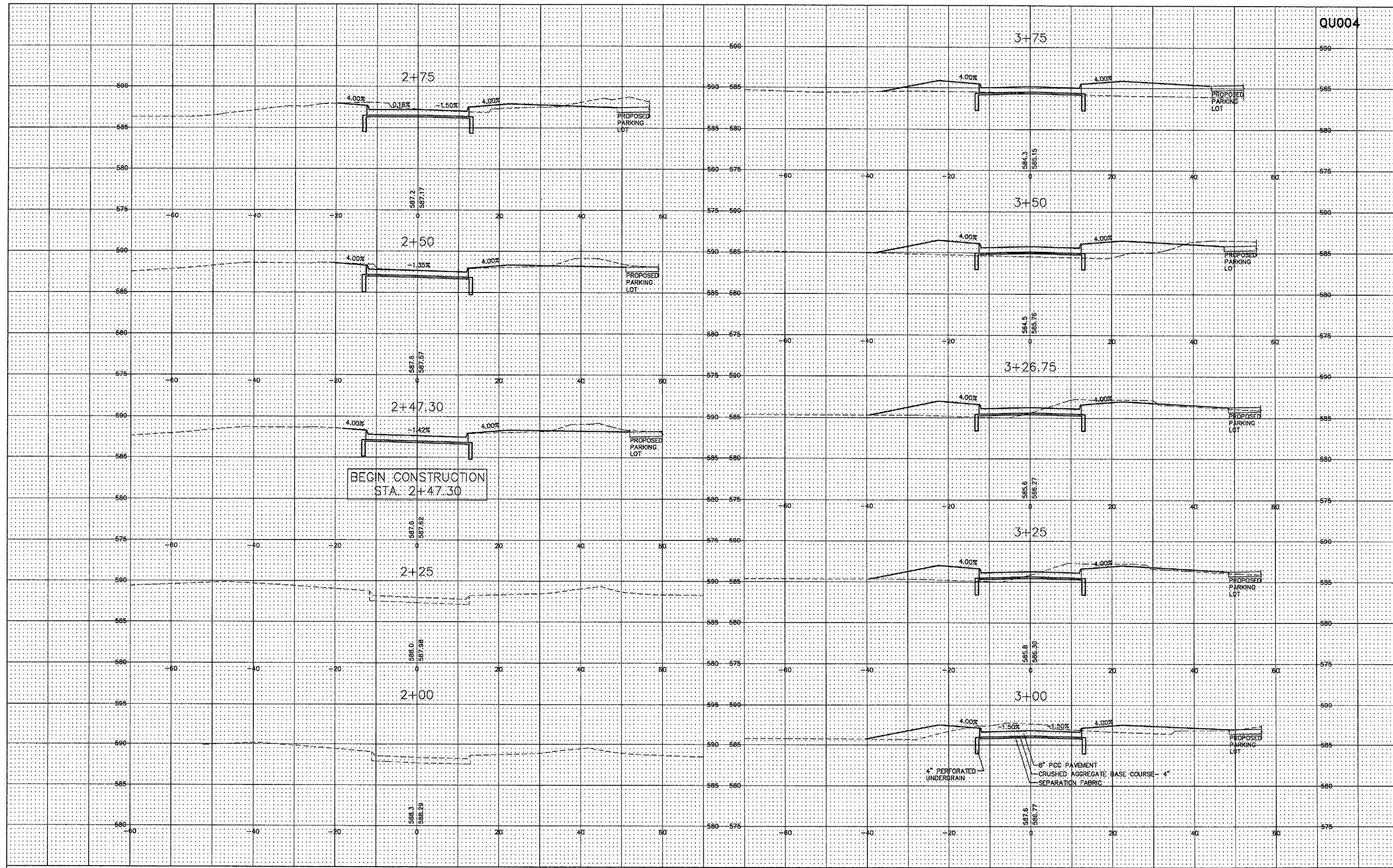


**VAULT DETAIL**  
SECTION B-B  
N.T.S.

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX

REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE:	1" = 1"
DRAWN BY:	VAC
CHECKED BY:	AAG
DATE:	MARCH 2007



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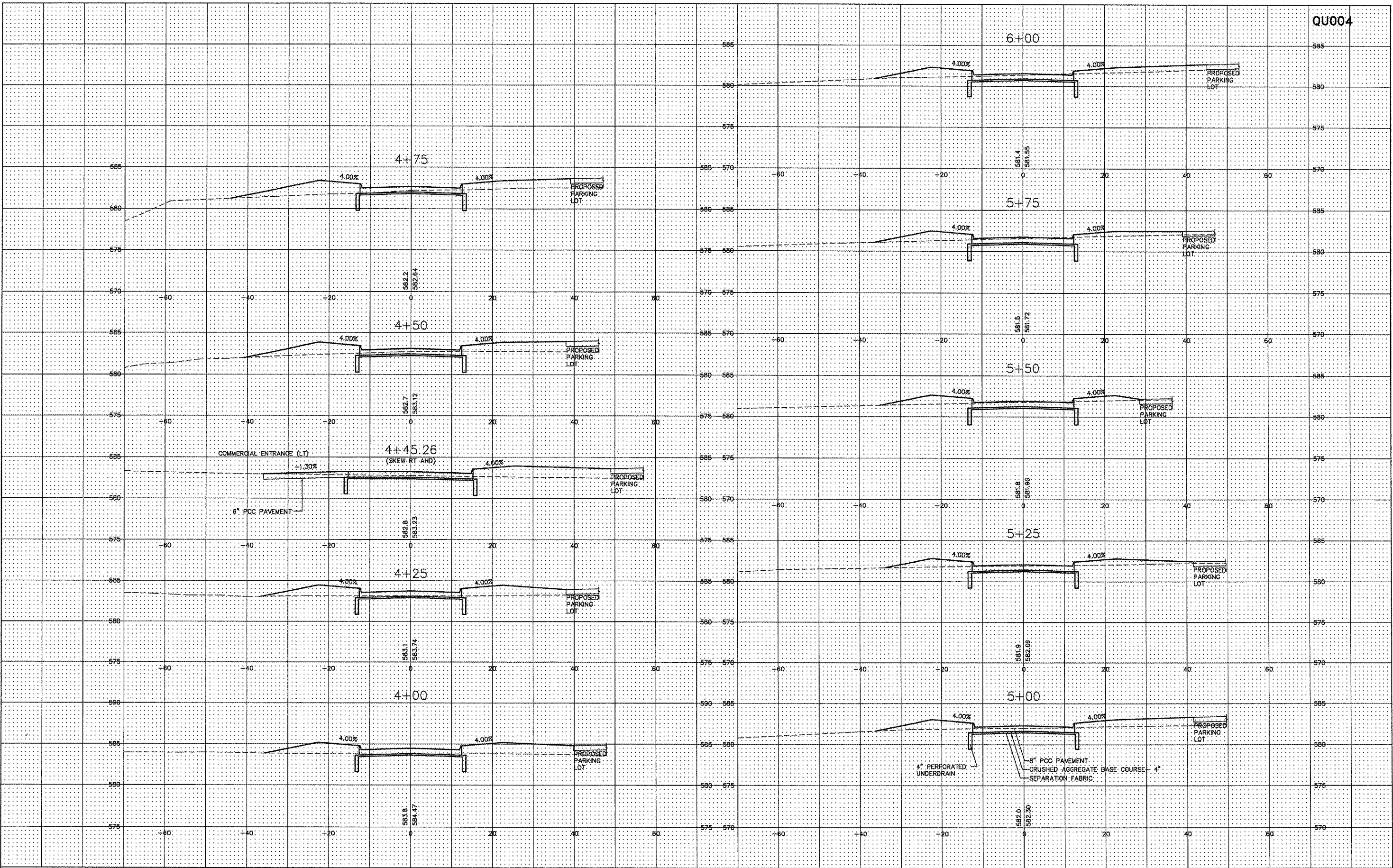
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**CROSS SECTION ENTRANCE ROAD**  
 ENTRANCE ROAD RELOCATION  
 AND PARKING LOT EXPANSION  
 Moline, Illinois  
 FILE NAME: 7:\M0107.001\DWG\07001\_cross\_sections.dwg  
 JOB NUMBER: 01-28-07-001

SHEET NO.  
**29**  
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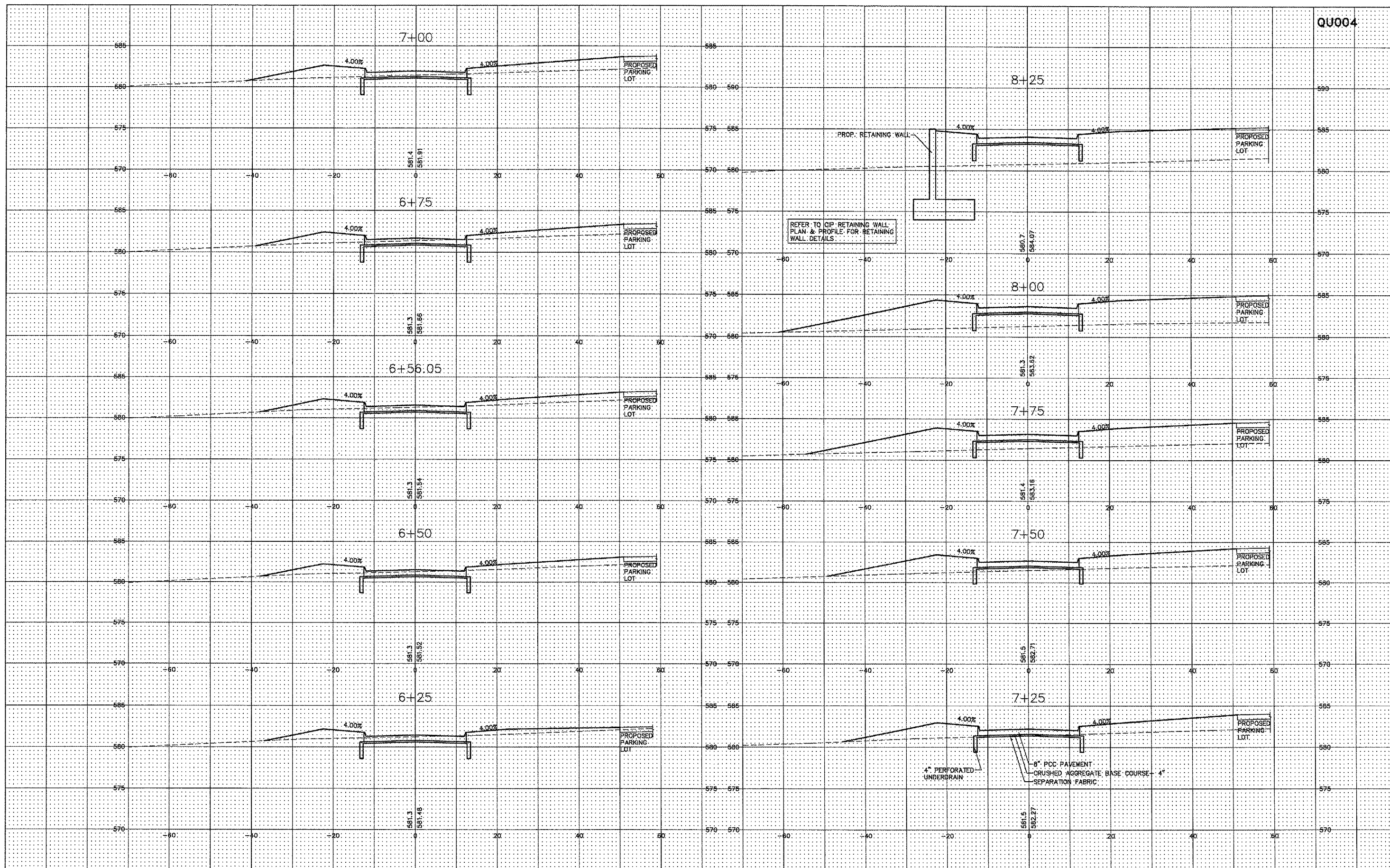
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**30**  
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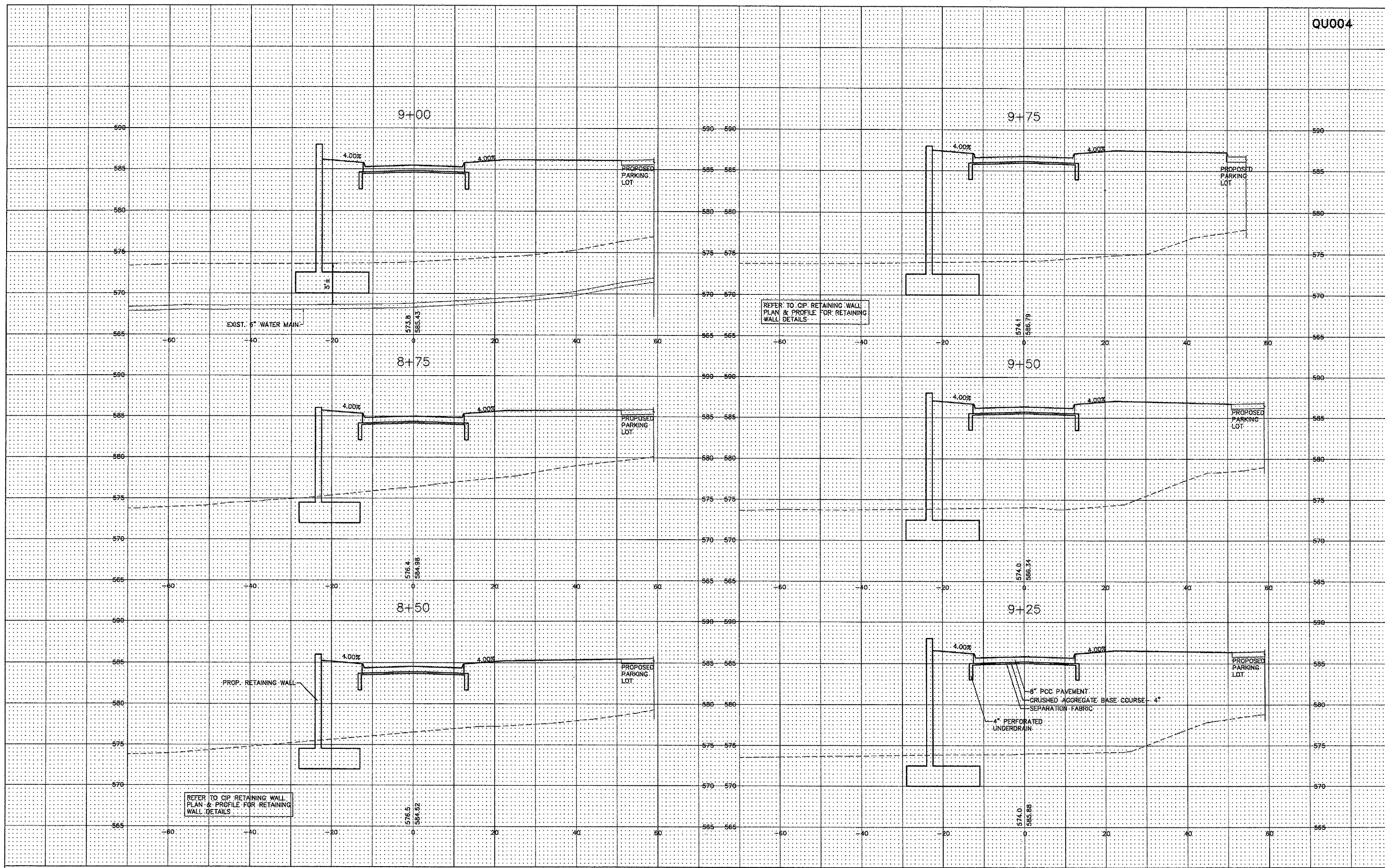
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 JOB NUMBER: 01-29-07-001

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REFER TO CIP RETAINING WALL PLAN & PROFILE FOR RETAINING WALL DETAILS

REFER TO CIP RETAINING WALL PLAN & PROFILE FOR RETAINING WALL DETAILS

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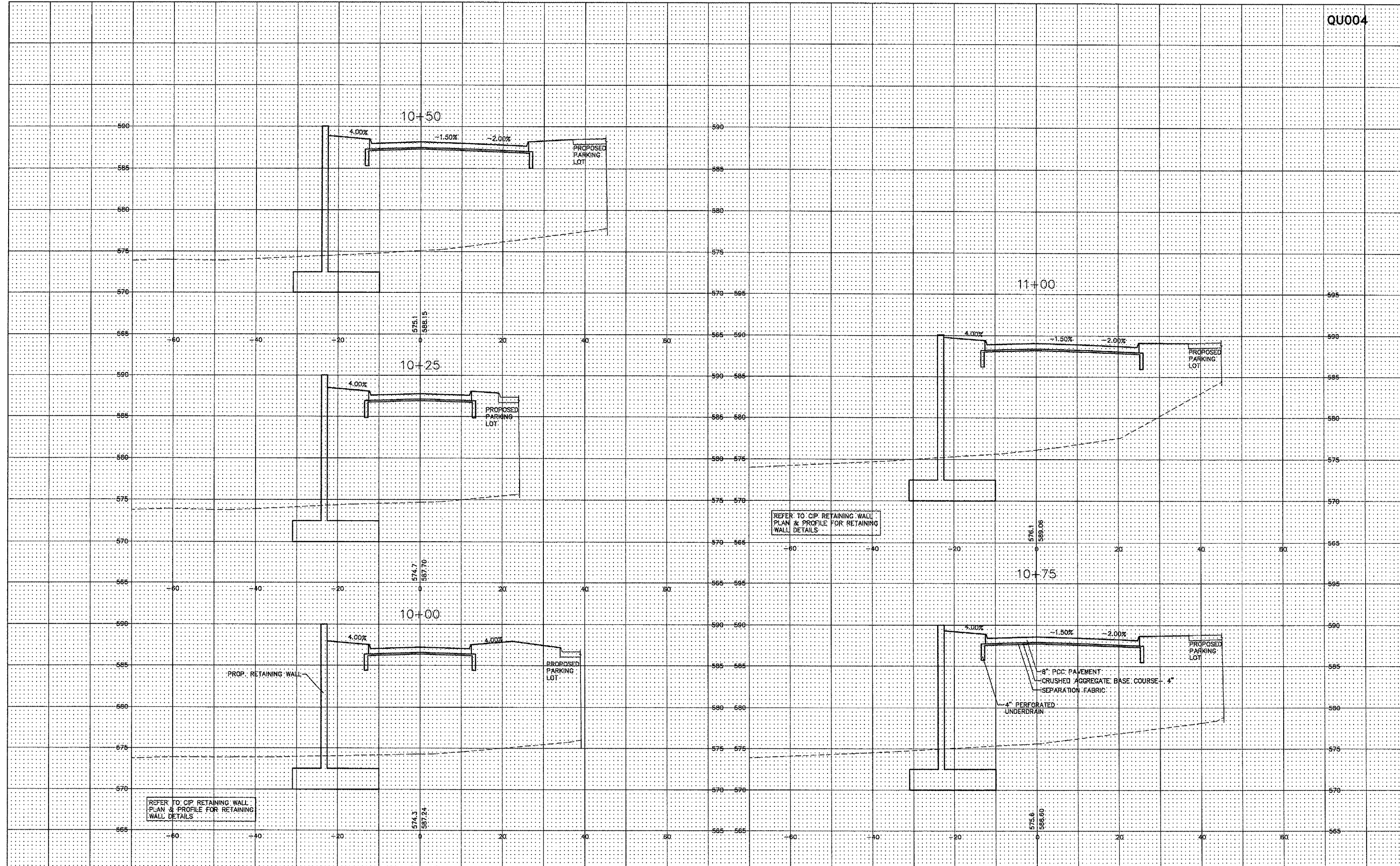
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MOLINE, ILLINOIS  
FILE NAME: F:\M0107.001\DWG\07001\_cross\_sections.dwg  
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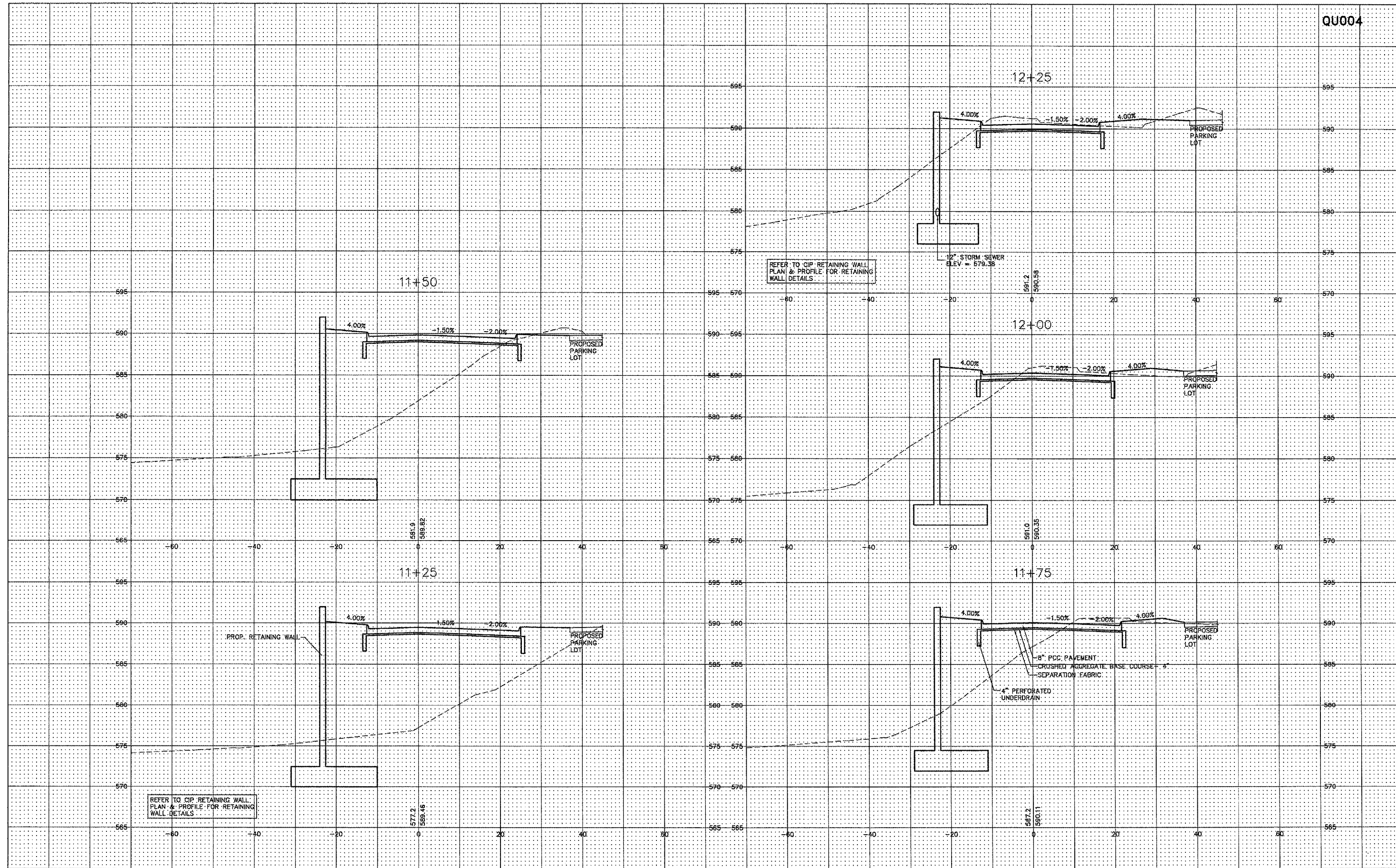
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QUAD CITY INTERNATIONAL AIRPORT  
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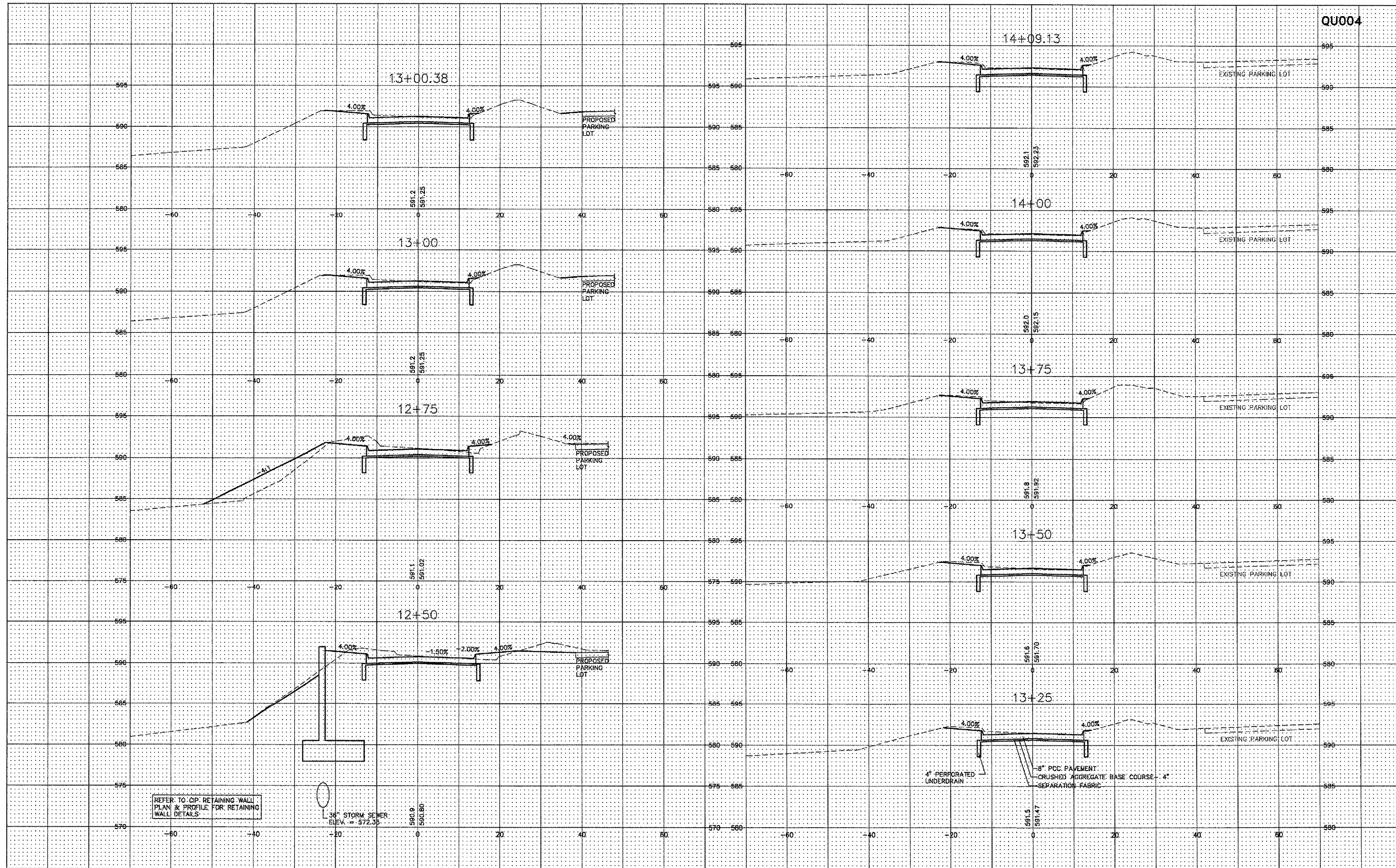
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 ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
 MOLINE, ILLINOIS  
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 JOB NUMBER: 01-28-07-001

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REFER TO CIP RETAINING WALL  
PLAN & PROFILE FOR RETAINING  
WALL DETAILS

36" STORM SEWER  
ELEV. = 572.35

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QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



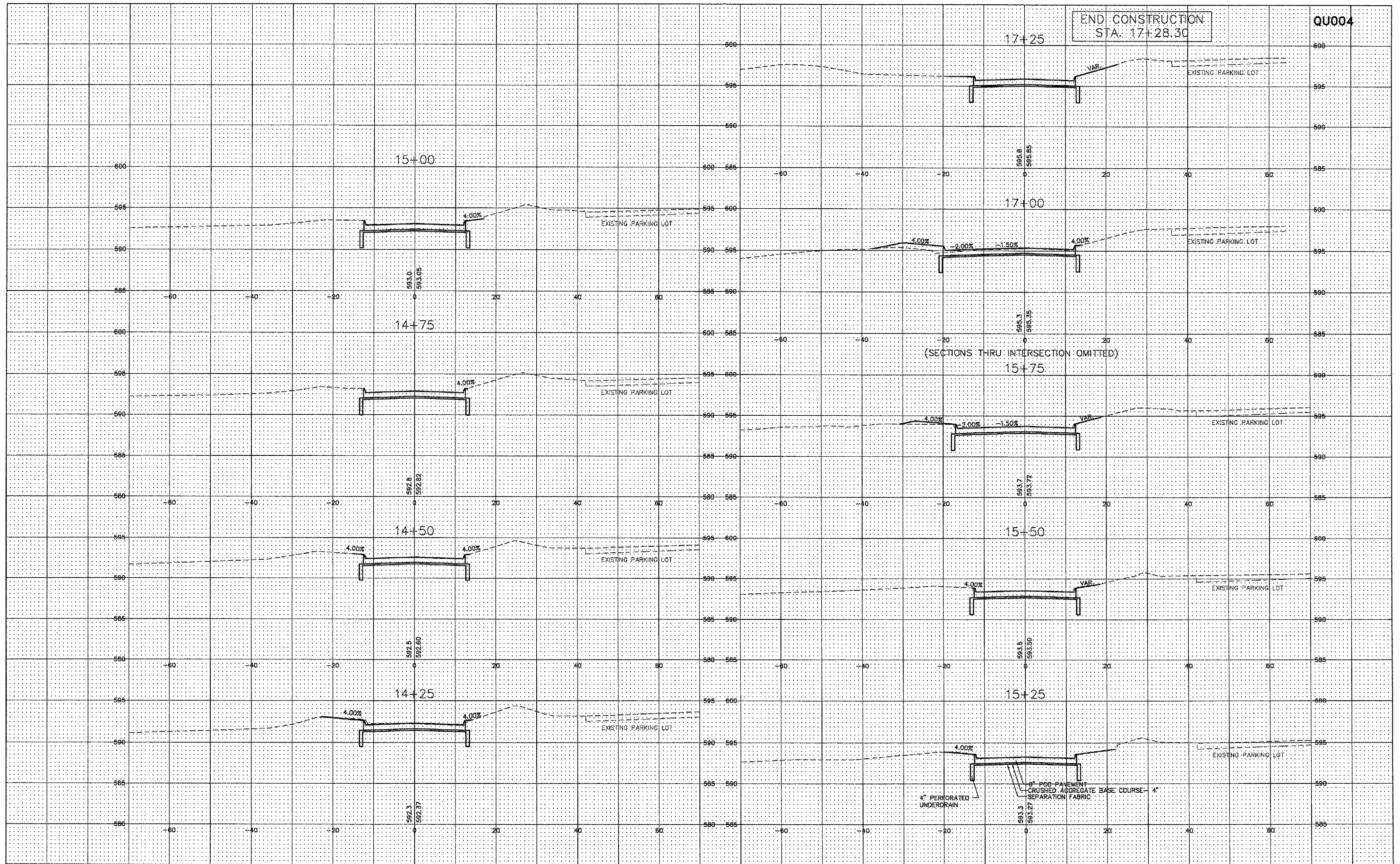
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MOLINE, ILLINOIS  
FILE NAME: Z:\MO107.001\DWG\07001\_cross\_sections.dwg  
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**35**  
OF 41



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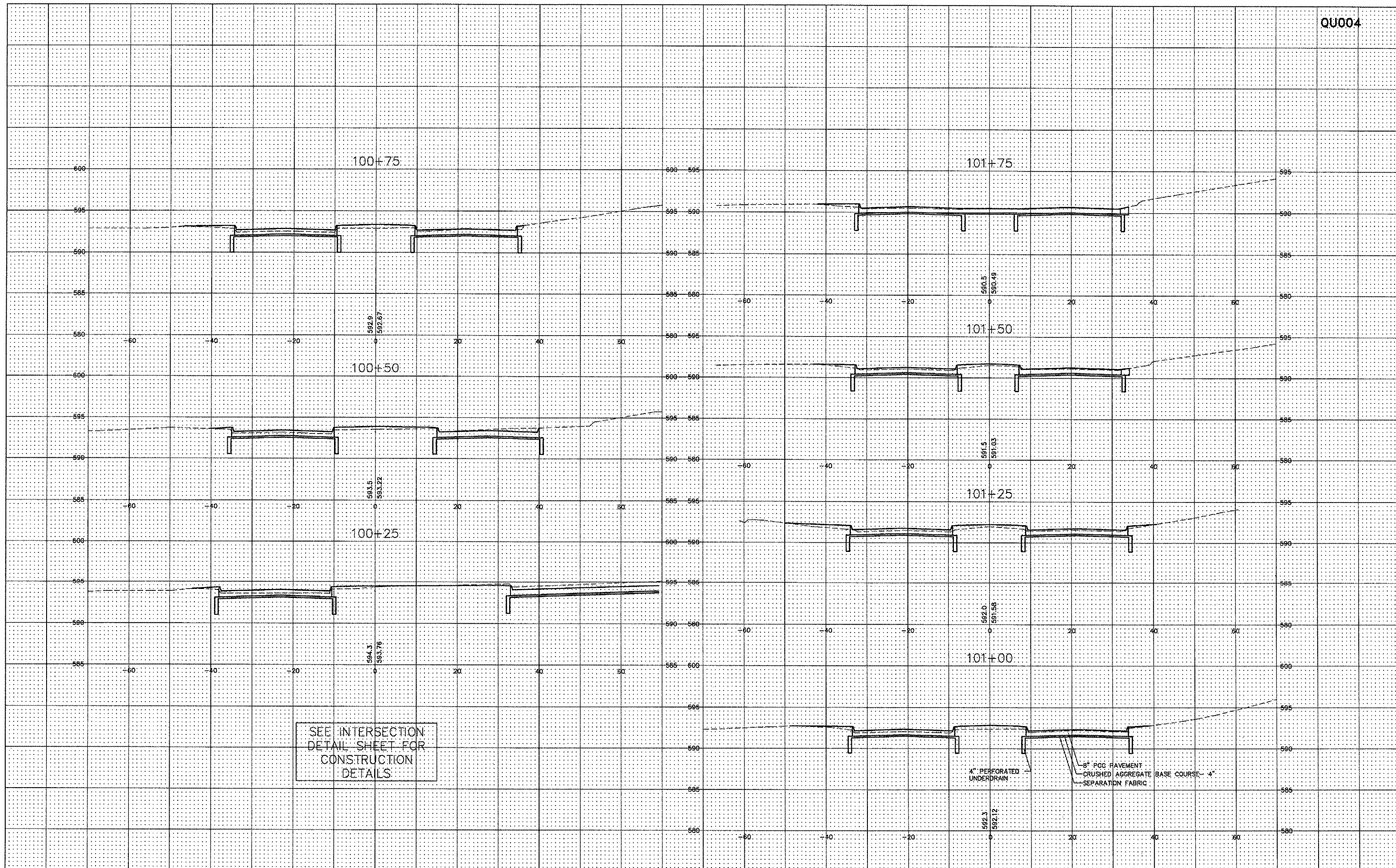
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 ENTRANCE ROAD RELOCATION  
 AND PARKING LOT EXPANSION  
 MOLINE, ILLINOIS  
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 OF 41



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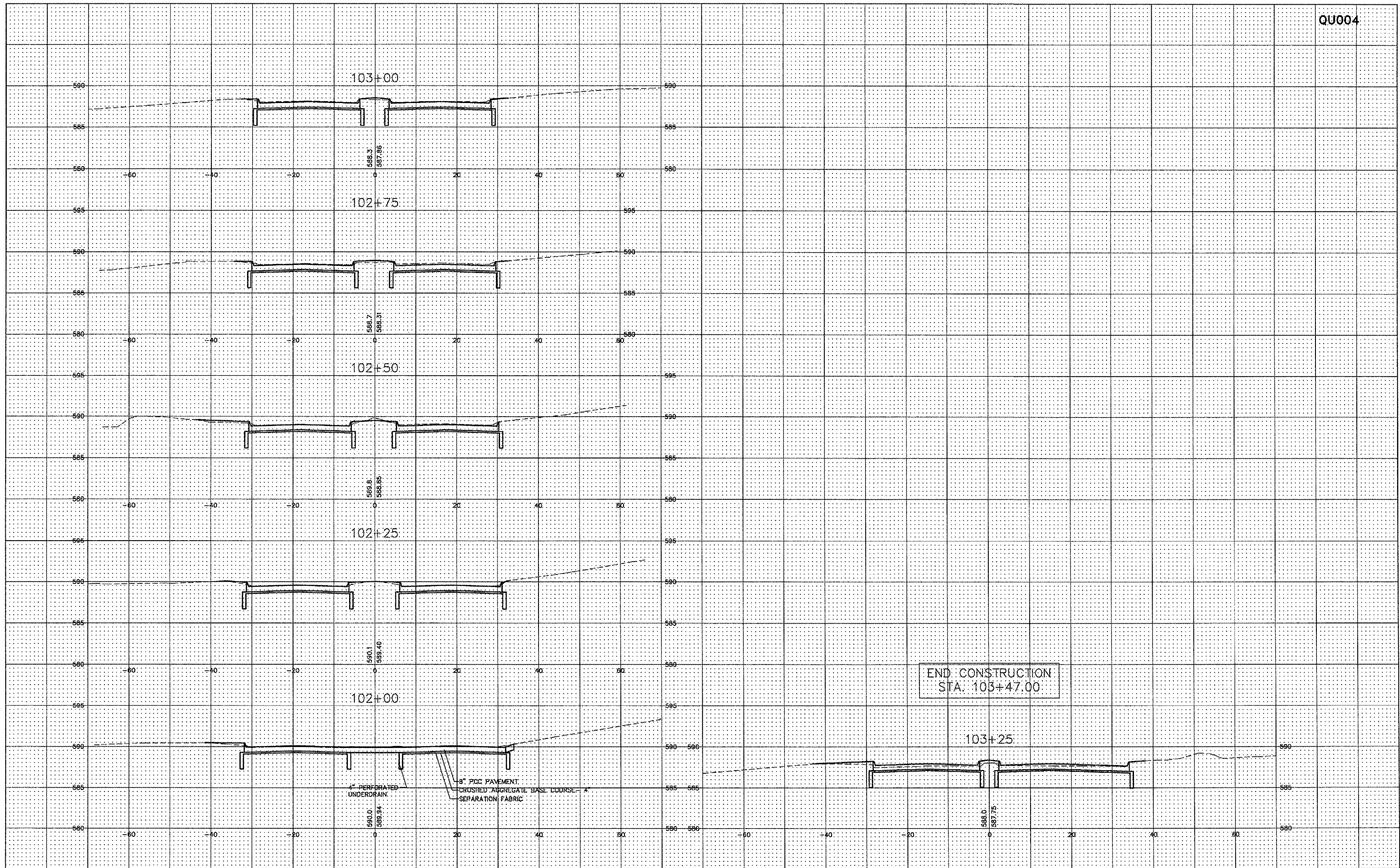
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 AND PARKING LOT EXPANSION  
 Moline, Illinois  
 FILE NAME: F:\M0107.001\DWG\07001\_cross\_sections.dwg  
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ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: F:\M0107.001\DWG\07001\_cross\_sections.dwg  
JOB NUMBER: 01-29-07-001

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ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
<b>GENERAL</b>	
	CONCEALED CONDUIT.
	EXPOSED CONDUIT.
	HOMERUN. LETTER INDICATES PANEL, NUMBER INDICATES CIRCUIT.
	HAND HOLE.
<b>LIGHTING</b>	
	AREA LIGHT POLE WITH FIXTURE, AS SCHEDULED.
	AREA LIGHT POLE WITH FIXTURES, AS SCHEDULED.
	AREA LIGHT POLE WITH FIXTURE, AS SCHEDULED.
	GROUND MOUNTED FLOODLIGHT, AS SCHEDULED.

ELECTRICAL ABBREVIATIONS

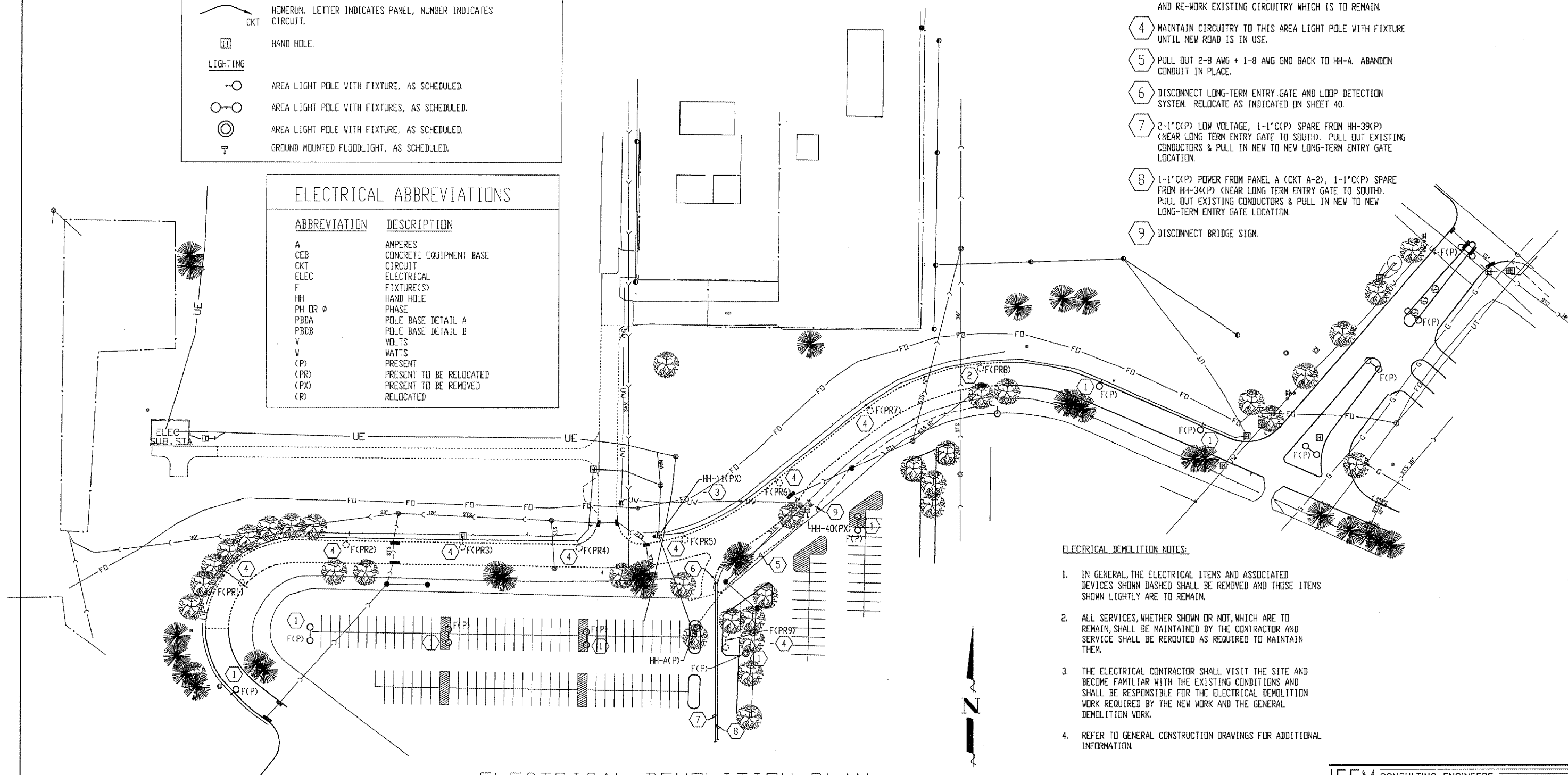
ABBREVIATION	DESCRIPTION
A	AMPERES
CEB	CONCRETE EQUIPMENT BASE
CKT	CIRCUIT
ELEC	ELECTRICAL
F	FIXTURE(S)
HH	HAND HOLE
PH OR Ø	PHASE
PBDA	POLE BASE DETAIL A
PBDB	POLE BASE DETAIL B
V	VOLTS
W	WATTS
(P)	PRESENT
(PR)	PRESENT TO BE RELOCATED
(PX)	PRESENT TO BE REMOVED
(R)	RELOCATED

ELECTRICAL DEMOLITION KEYED NOTES:

- 1 PROTECT AREA LIGHT POLE WITH FIXTURE DURING CONSTRUCTION.
- 2 REMOVE AND RE-INSTALL AREA LIGHT POLE WITH FIXTURE. REMOVE EXISTING BASE AND PROVIDE NEW BASE. REWORK EXISTING CONDUITS INTO NEW BASE.
- 3 MAINTAIN CIRCUITRY AS IS UNTIL NEW ROAD IS IN USE. AFTER NEW ROAD IS IN USE, PROVIDE NEW HH-11 IN ISLAND AND RE-WORK EXISTING CIRCUITRY WHICH IS TO REMAIN.
- 4 MAINTAIN CIRCUITRY TO THIS AREA LIGHT POLE WITH FIXTURE UNTIL NEW ROAD IS IN USE.
- 5 PULL OUT 2-8 AWG + 1-8 AWG GND BACK TO HH-A. ABANDON CONDUIT IN PLACE.
- 6 DISCONNECT LONG-TERM ENTRY GATE AND LOOP DETECTION SYSTEM. RELOCATE AS INDICATED ON SHEET 40.
- 7 2-1"Ø(P) LOW VOLTAGE, 1-1"Ø(P) SPARE FROM HH-39(P) (NEAR LONG TERM ENTRY GATE TO SOUTH). PULL OUT EXISTING CONDUCTORS & PULL IN NEW TO NEW LONG-TERM ENTRY GATE LOCATION.
- 8 1-1"Ø(P) POWER FROM PANEL A (CKT A-2), 1-1"Ø(P) SPARE FROM HH-34(P) (NEAR LONG TERM ENTRY GATE TO SOUTH). PULL OUT EXISTING CONDUCTORS & PULL IN NEW TO NEW LONG-TERM ENTRY GATE LOCATION.
- 9 DISCONNECT BRIDGE SIGN.

ELECTRICAL DEMOLITION NOTES:

1. IN GENERAL, THE ELECTRICAL ITEMS AND ASSOCIATED DEVICES SHOWN DASHED SHALL BE REMOVED AND THOSE ITEMS SHOWN LIGHTLY ARE TO REMAIN.
2. ALL SERVICES, WHETHER SHOWN OR NOT, WHICH ARE TO REMAIN, SHALL BE MAINTAINED BY THE CONTRACTOR AND SERVICE SHALL BE REROUTED AS REQUIRED TO MAINTAIN THEM.
3. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SHALL BE RESPONSIBLE FOR THE ELECTRICAL DEMOLITION WORK REQUIRED BY THE NEW WORK AND THE GENERAL DEMOLITION WORK.
4. REFER TO GENERAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.



ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 50'-0"

Scale: 1" = 50'

IEFM CONSULTING ENGINEERS

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 COAL VALLEY, ILLINOIS 61240  
 PHONE (309) 799-5150  
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 IEFM@IEFMCONSULTINGENGINEERS.COM

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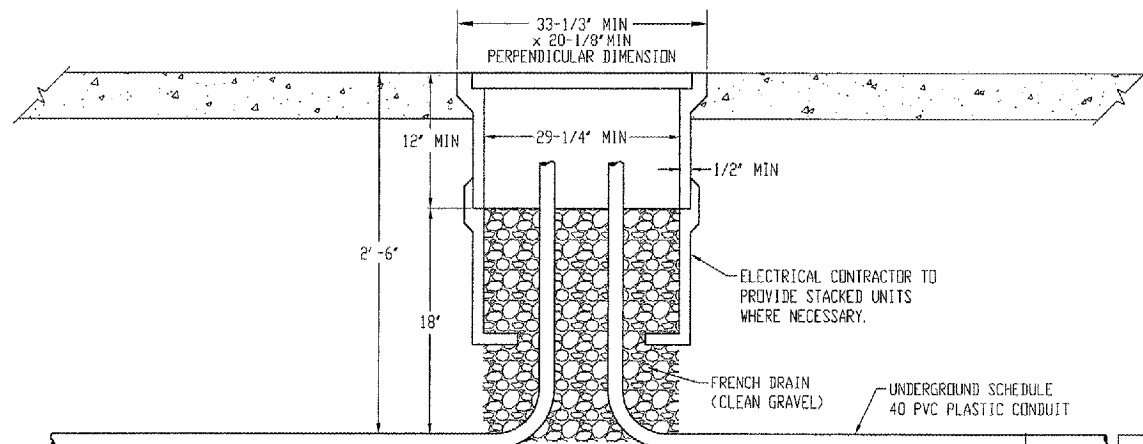
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CHECKED BY:	DRM
DATE:	APRIL 20, 2007

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**ELECTRICAL DEMOLITION PLAN**  
 ENTRANCE ROAD RELOCATION  
 AND PARKING LOT EXPANSION  
 Moline, Illinois  
 FILE NAME: HA\2007\07-11\11\DWG\07-11-35.dwg  
 JOB NUMBER: 01-29-07-001

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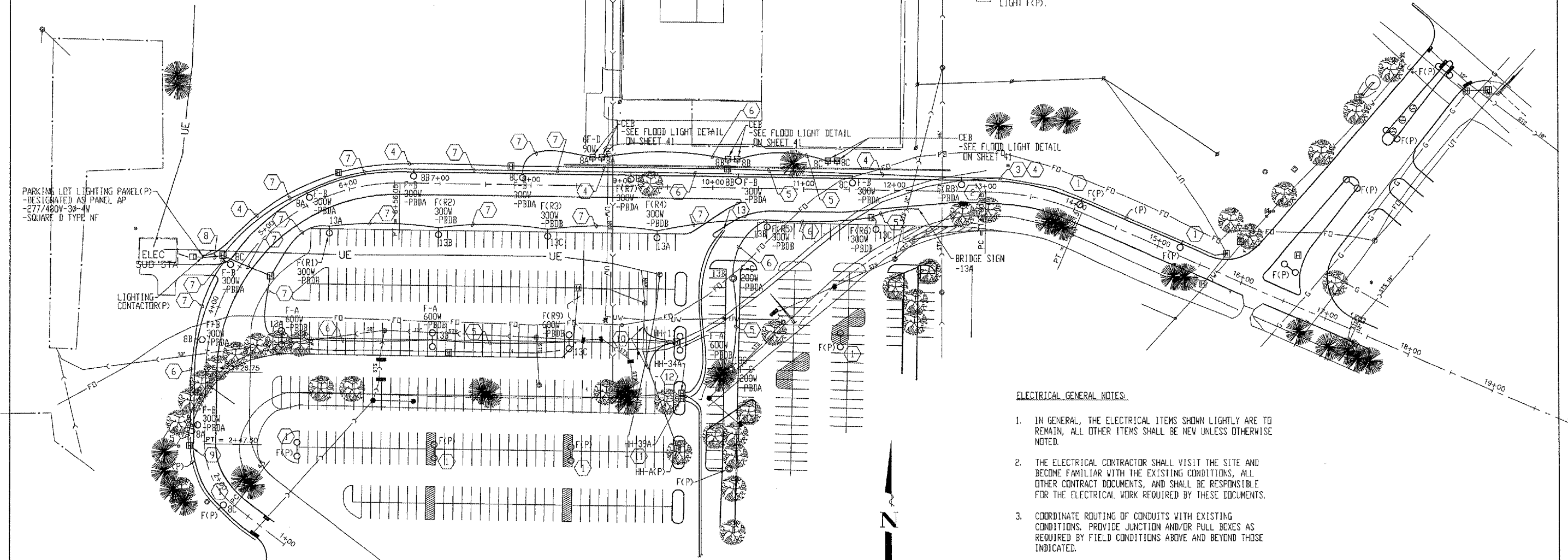
**HAND HOLE DETAIL**  
SCALE: NONE

**ELECTRICAL KEYED NOTES:**

- 1 PROTECT AREA LIGHT POLE WITH FIXTURE DURING CONSTRUCTION.
- 2 REMOVE AND RE-INSTALL AREA LIGHT POLE WITH FIXTURE. REMOVE EXISTING BASE AND PROVIDE NEW BASE. REWORK EXISTING CONDUITS INTO NEW BASE.
- 3 REWORK EXISTING CONDUIT INTO RELOCATED AREA LIGHT POLE WITH FIXTURE POLE BASE. PULL IN NEW WIRE BETWEEN POLES.
- 4 4-1/2 6 AWG + 1-1/2 6 AWG GND 1-1/4\"C
- 5 2-1/2 10 AWG + 1-1/2 10 AWG GND 1\"C
- 6 3-1/2 10 AWG + 1-1/2 10 AWG GND 1\"C
- 7 4-1/2 10 AWG + 1-1/2 10 AWG GND 1\"C
- 8 8-1/2 10 AWG + 1-1/2 10 AWG GND 1\"C
- 9 PROVIDE HANDHOLE TO INTERCEPT EXISTING FEED TO AREA LIGHT F(P).

**ELECTRICAL KEYED NOTES:**

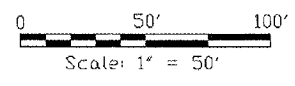
- 10 PROVIDE NEW HANDHOLE HH-11. INTERCEPT EXISTING RACEWAYS AND PULL IN NEW CONDUCTORS FROM MANHOLE TO HH-11 TO HH-A.
- 11 PROVIDE HANDHOLE HH-39A. EXTEND EXISTING RACEWAYS INTO HH-39A AND PROVIDE NEW RACEWAYS FROM HH-39A TO NEW LONG TERM ENTRY GATE LOCATION. 3-1\"C. PULL OUT EXISTING CONDUCTORS AND PULL IN NEW FROM HH-39 TO HH-39A AND FROM HH-39A TO NEW LONG TERM ENTRY GATE LOCATION.
- 12 PROVIDE HANDHOLE HH-34A. EXTEND EXISTING RACEWAYS INTO HH-34A AND PROVIDE NEW RACEWAYS FROM HH-34 TO NEW LONG TERM ENTRY GATE LOCATION. 2-1\"C. PULL OUT EXISTING CONDUCTORS AND PULL IN NEW FROM HH-34 TO HH-34A AND FROM HH-34A TO NEW LONG TERM ENTRY GATE LOCATION.
- 13 LONG TERM ENTRY GATE LOCATION (NEW). PROVIDE 3-1\"C FROM TICKETSPITTER TO GATE.



**ELECTRICAL PLAN**  
SCALE: 1" = 50'-0"

**ELECTRICAL GENERAL NOTES:**

- 1. IN GENERAL, THE ELECTRICAL ITEMS SHOWN LIGHTLY ARE TO REMAIN, ALL OTHER ITEMS SHALL BE NEW UNLESS OTHERWISE NOTED.
- 2. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, ALL OTHER CONTRACT DOCUMENTS, AND SHALL BE RESPONSIBLE FOR THE ELECTRICAL WORK REQUIRED BY THESE DOCUMENTS.
- 3. COORDINATE ROUTING OF CONDUITS WITH EXISTING CONDITIONS. PROVIDE JUNCTION AND/OR PULL BOXES AS REQUIRED BY FIELD CONDITIONS ABOVE AND BEYOND THOSE INDICATED.
- 4. PROVIDE IDENTIFICATION FOR EQUIPMENT, DEVICES & BRANCH CIRCUIT CONDUCTORS AS CALLED FOR IN THE SPECIFICATIONS.
- 5. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



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DRAWN BY: CHR  
CHECKED BY: JRM  
DATE: APRIL 20, 2007

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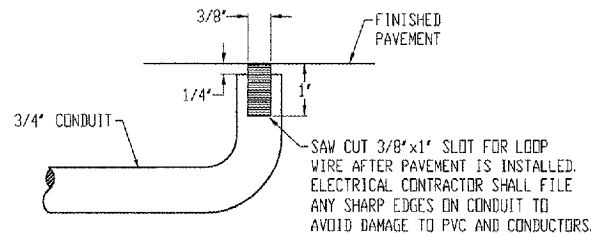
**ELECTRICAL PLAN**  
ENTRANCE ROAD RELOCATION  
AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: I:\2007\07-11\DWG\07-11-40.dwg  
JOB NUMBER: 01-29-07-001

SHEET NO.  
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OF 41

**LIGHTING FIXTURE SCHEDULE**

TYPE	LAMPS		LUMINAIRE DESCRIPTION	MANUFACTURER	CATALOG #
	#	DESCRIPTION			
A	2	250W HPS	28" L x 17" W x 10" D POLE MOUNTED AREA LUMINAIRE WITH EXTRUDED ALUMINUM HOUSING, TYPE V ALZAK REFLECTOR, AIR FILTER, GASKETED, IMPACT RESISTANT CLEAR TEMPERED GLASS, TWO FIXTURES MOUNTED AT 180 DEGREES, 277V, HIGH POWER FACTOR BALLAST, AND DARK BRONZE FINISH. PROVIDE A 30' LONG 6" STRAIGHT SQUARE ALUMINUM POLE.	KIM	2B / EKG501 / 250HPS277 / DB-P / PSA30-6188/DB-P - *
B	1	250W HPS	28" L x 17" W x 10" D POLE MOUNTED AREA LUMINAIRE WITH EXTRUDED ALUMINUM HOUSING, TYPE V ALZAK REFLECTOR, AIR FILTER, GASKETED, IMPACT RESISTANT CLEAR TEMPERED GLASS, 277V, HIGH POWER FACTOR BALLAST, AND DARK BRONZE FINISH. PROVIDE A 30' LONG 6" STRAIGHT SQUARE ALUMINUM POLE.	KIM	1A / EKG501 / 250HPS277 / DB-P / PSA30-6188/DB-P - *
C	1	150W HPS	LUMINOUS DOME TOP FIXTURE WITH WHITE ACRYLIC DOME, SPIDER MOUNT, TYPE II, SPUN ALUMINUM HOUSING, SINGLE MOUNT ON TOP OF 8" DIAMETER, 12" TALL, ALUMINUM POLE. 277V, HIGH POWER FACTOR BALLAST. FIXTURE AND POLE SHALL HAVE DARK BRONZE FINISH.	McGRAW-EDISON	ZDG-SM-150-HPS-277-2F-BZ-F / RSA-ST12NA ZXXG - *
D	1	50W HPS	15" LONG x 7.5" WIDE x 11" HIGH FLOOD LIGHT LUMINAIRE, DIE-CAST HOUSING AND FRAME, IMPACT-RESISTANT TEMPERED GLASS LENS, TENON BASE MOUNT, DARK BRONZE FINISH, 277V.	LITHONIA	ASF1-50M-HSP-277-AFTM-DDBT

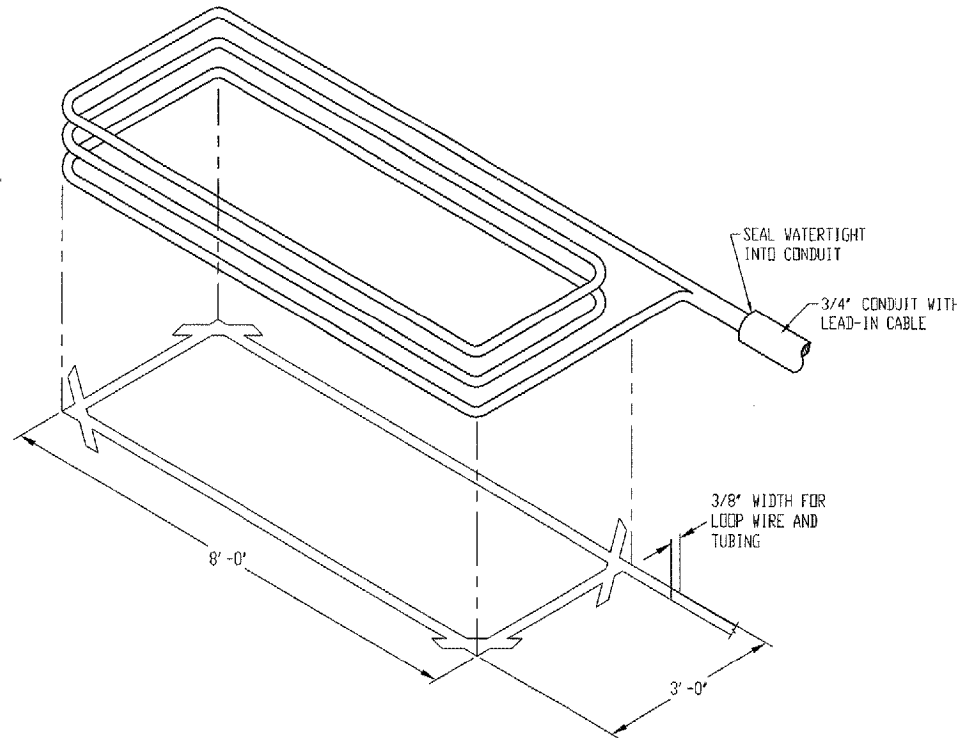
- NOTES:
- LAMPS ARE G.E. UNLESS OTHERWISE NOTED.
  - \* PROVIDE BUSSMAN TYPE "KTK" FUSE IN TYPE "HEB" HOLDER NEAR POLE HANDHOLE OF EACH POLE.



NOTE:  
LOOP WIRE MUST BE 5C #18 AWG TWISTED INSIDE PVC TUBING.

**LOOP INSTALLATION NOTES:**

- CUT A GROOVE 3/8" WIDE BY 1" DEEP IN PATTERN AS SHOWN ABOVE.
- INSTALL 3' x 8" RECTANGULAR LOOP WITH LEAD-IN TUBING AND LEAD-IN CABLE LENGTHS AS REQUIRED TO MEET SECTION 886 OF ILLINOIS DOT SPECIFICATIONS.
- SEAL LEAD-IN WIRE IN CONDUIT TO PREVENT MOISTURE SEEPAGE INTO CONDUIT.
- LOOP WIRES SHALL BE #18 GAUGE TWISTED INSIDE PVC TUBING. LEAD-IN WIRES SHALL BE 2C #16 GAUGE WITH POLYESTER JACKET.
- WHEN LOOP IS TO BE INSTALLED NEAR STEEL REINFORCEMENTS, IT MUST BE KEPT A MINIMUM OF 2' AWAY FROM THE REINFORCEMENT.
- BACK PATCH MATERIAL: POR-ROCK OR EQUIVALENT, CONCRETE COLORED, FAST DRYING CEMENT.
- LOOP WIRES AND CONDUIT CONFINED IN SAW CUT MUST BE KEPT A MINIMUM OF 3/8" BELOW GRADE LEVEL TO ALLOW SUFFICIENT SPACE FOR BACK PATCH FILLER MATERIAL.



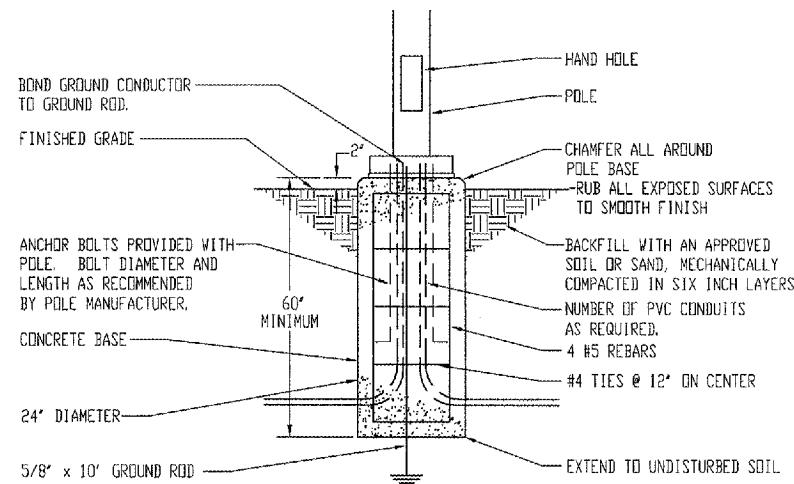
**LOOP DETECTION DETAIL**

SCALE: NONE

**PANEL SCHEDULE**

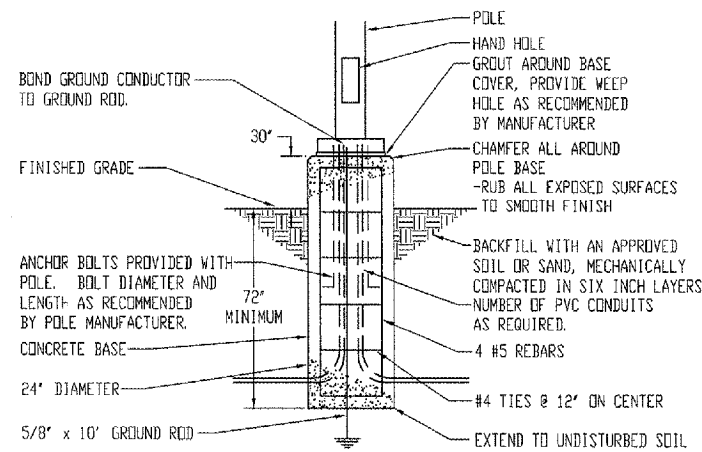
PANEL: AP(EXISTING)		VOLTAGE: 277/480V-3PH-4W			
MOUNTING: SURFACE		MAINS: 225A MLO			
CKT. NO.	BKR.	DESCRIPTION	DESCRIPTION	BKR.	CKT. NO.
1	30/3	LTS E. SIDE RD	LTS E. PARKING LOT	30/3	2
3	---	---	---	---	4
5	---	---	---	---	6
7	30/3	LTS W. PARKING LOT	LTS W. SIDE RD	30/3	8
9	---	---	---	---	10
11	---	---	---	---	12
13	*30/3	LTS N. PARKING LOT	SPACE	---	14
15	---	---	SPACE	---	16
17	---	---	SPACE	---	18
19	---	---	SPACE	---	20
21	---	---	SPACE	---	22
23	---	---	SPACE	---	24
25	---	---	SPACE	---	26
27	---	---	SPACE	---	28
29	---	---	SPACE	---	30

- NOTES:
- \* PROVIDE BREAKER IN AVAILABLE SPACE.



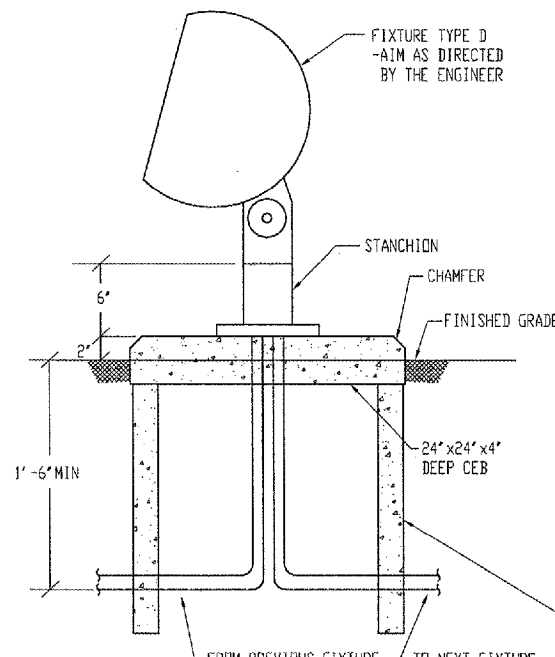
**POLE BASE DETAIL A**

SCALE: NONE



**POLE BASE DETAIL B**

SCALE: NONE



**FLOOD LIGHT DETAIL**

SCALE: NONE

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QUAD CITY INTERNATIONAL AIRPORT  
Moline, IL



REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE: 1" = 50'
DRAWN BY: CHR
CHECKED BY: DRY
DATE: APRIL 20, 2007

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**ELECTRICAL DETAILS & SCHEDULES**  
ENTRANCE ROAD RELOCATION  
AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: H:\2007\07-111\DWG\07-111-41.dwg  
JOB NUMBER: 01-29-07-001

SHEET NO.  
**41**  
OF 41