

SYRACUSE HANCOCK INTERNATIONAL AIRPORT SURFACE PARKING LOT EXPANSIONS - LOT #1 DESIGN



LOCATION MAP

FINAL PLANS
AUGUST 2022

1000 COLONEL EILEEN COLLINS BOULEVARD
COUNTY OF ONONDAGA
SYRACUSE, NEW YORK 13212



VICINITY MAP

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PREPARED FOR:



SYRACUSE REGIONAL AIRPORT AUTHORITY
1000 COLONEL EILEEN COLLINS BOULEVARD
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(315) 454-3263
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PREPARED BY:



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PE_DATE	AUGUST 2022	

MJ PROJECT NO.: 18831.02

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

GENERAL NOTES:

- 1. THE UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM A SURVEY PREPARED BY AUBERTINE AND CURRIER, ARCHITECTS, ENGINEERS & LAND SURVEYORS, PLLC, DATED FROM JUNE 13, 2022 THROUGH JUNE 15, 2022. MCFARLAND JOHNSON DOES NOT CERTIFY TO THE ACCURACY OF THEIR LOCATION AND/OR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION ACTIVITIES IN THEIR VICINITY. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES FIELD STAKED BEFORE STARTING WORK BY CALLING 1-800-962-7962.
2. THE CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH TITLE 29 OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION (OSHA).
3. HIGHWAY DRAINAGE ALONG ALL ROADS AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF MUD, DEBRIS ETC. AT ALL TIMES. ALL CATCH BASINS AND STORM SEWER MANHOLES SHALL BE CLEANED PRIOR TO ACCEPTANCE BY THE AIRPORT.
4. THE CONTRACTOR SHALL CONSULT THE DESIGN ENGINEER BEFORE DEVIATING FROM THESE PLANS.
5. IN ALL TRENCH EXCAVATIONS, CONTRACTOR MUST LAY THE TRENCH SIDE SLOPES BACK TO A SAFE SLOPE, USE A TRENCH SHIELD OR PROVIDE SHEETING AND BRACING. THE MEANS AND METHODS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER.
6. EXCAVATED WASTE MATERIAL REMOVED FROM THE SITE SHALL BE PLACED AT A LOCATION ACCEPTABLE TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
7. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN A MINIMUM OF 2' OF COVER OVER ALL EXISTING AND NEW STORM SEWER PIPES AND 4' OF COVER OVER ALL SANITARY PIPES DURING CONSTRUCTION.
8. ALL EXISTING SURFACE APPURTENANCES (I.E. WATER VALVES, CATCH BASIN FRAMES AND GRATES, MANHOLE COVERS) WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO FINISHED GRADE. (NO SEPARATE PAYMENT).
9. AREAS DISTURBED OR DAMAGED AS PART OF THIS PROJECT'S CONSTRUCTION THAT ARE OUTSIDE OF THE PRIMARY WORK AREA SHALL BE RESTORED, AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
10. UNLESS COVERED BY THE CONTRACT SPECIFICATIONS OR AS NOTED ON THE PLANS, ALL WORK SHALL CONFORM TO THE LATEST NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND ANY SUBSEQUENT REVISIONS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE ALL PERMITS AND PROVIDE ALL BONDS REQUIRED FOR THIS WORK, INCLUDING BUT NOT LIMITED TO UTILITY CONNECTIONS, ELECTRICAL AND SITE CONSTRUCTION.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODE AND/OR UTILITY SERVICE COMPANIES. THIS SHALL BE COMPLETED PRIOR TO ANNOUNCED POSSESSION AND THE FINAL CONNECTION OF SERVICES.
13. MAINTENANCE AND PROTECTION OF TRAFFIC ALONG WITH SECURING THE WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
14. THE CONTRACTOR SHALL LOCATE, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND ROW MONUMENTS IN THE AREAS OF CONSTRUCTION.
15. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND SAFETY PROCEDURES. THE OWNER AND/OR ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUB CONTRACTOR OR THEIR AGENTS, EMPLOYEES OR ANY OTHER PERSON PERFORMING ANY OF THE WORK.
16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATION ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATION OR APPLICABLE CODES, IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNERS REP. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE OWNERS REP. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

WORK ZONE TRAFFIC CONTROL

GENERAL

- 1. ALL WORK ZONE TRAFFIC CONTROL (WZTC) SHALL BE IN ACCORDANCE WITH THE NYSDOT STANDARD SHEETS SECTION 619. THE CONTRACTOR SHALL SUBMIT A WZTC PLAN FOR APPROVAL BY THE AIRPORT PRIOR TO ANY IMPLEMENTATION.
2. THE TYPICAL DETAILS DEPICTED ON THE NYSDOT SECTION 619 STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
3. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE AIRPORT FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS.
4. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE SUBMITTED INFORMATION TO THE AIRPORT.

ACTIVITY AREA

- 1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

LANE WIDTHS

- 1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY.

LANE CLOSURES

- 1. THE AIRPORT RETAINS THE RIGHT TO CANCEL ANY WORK OPERATIONS INCLUDING LANE CLOSURE AND/OR TOTAL ROAD CLOSURES THAT WOULD BE AFFECTED BY UNFORESEEN MAJOR EVENTS THAT MAY CREATE TRAFFIC DELAYS SEVEN (7) CALENDAR DAYS PRIOR TO THE PROPOSED WORK. SPECIFIC DATES ARE YET TO BE DETERMINED.
2. PEDESTRIAN ACCOMMODATIONS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

SEQUENCE OF CONSTRUCTION

- 1. HOLD A PRE-CONSTRUCTION MEETING WITH PROJECT MANAGER, OPERATOR'S ENGINEER, CONTRACTORS & SUB-CONTRACTORS, AND REPRESENTATIVES OF THE SYRACUSE AIRPORT PRIOR TO LAND DISTURBING ACTIVITIES.
2. HAVE A QUALIFIED PROFESSIONAL CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS DESCRIBED IN THE SWPPP AS REQUIRED BY THE GP-0-20-001 HAVE BEEN ADEQUATELY INSTALLED OR IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR THE COMMENCEMENT OF CONSTRUCTION.
3. CONSTRUCT TEMPORARY STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON THE DRAWINGS.
4. INSTALL PERIMETER CONTROLS AND INLET PROTECTION AT THE LOCATIONS SHOWN ON THE DRAWINGS.
5. CONSULT A QUALIFIED PROFESSIONAL TO PERFORM A SITE INSPECTION AND VERIFY THAT THE INITIAL PHASE OF EROSION CONTROL DEVICES HAVE BEEN INSTALLED PER THE DRAWINGS PRIOR TO COMMENCEMENT OF GROUND DISTURBANCE.
6. BEGIN CLEARING AND GRUBBING OPERATIONS. CLEARING AND GRUBBING SHALL ONLY BE DONE IN AREAS WHERE EARTHWORK WILL BE PERFORMED.
7. STRIP AND STOCKPILE TOPSOIL, INSTALL PERIMETER EROSION CONTROL AROUND STOCKPILES, SEED AND MULCH PER PLANS.
8. COMMENCE EARTHWORK CUTS AND FILLS. WORK SHALL BE PROGRESSED TO ALLOW A REASONABLE TRANSFER OF CUT AND FILL FOR ROUGH GRADING AND EARTH MOVING FOR BULK SITE GRADING.
9. STABILIZE ALL AREAS IDLE IN EXCESS OF 7 DAYS IN WHICH CONSTRUCTION WILL NOT COMMENCE WITHIN 7 DAYS.
10. ADJUST THE EROSION AND SEDIMENT CONTROL PRACTICES AS REQUIRED FOR CONTINUING CONSTRUCTION AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN. THIS SHALL BE A PHASED ADJUSTMENT IN ORDER TO ENSURE THAT RUNOFF FROM ALL DISTURBED AREAS IS TREATED BY APPROPRIATE EROSION AND SEDIMENT CONTROL DEVICES.
11. INSTALL SECURITY FENCE.
12. BEGIN UTILITY INSTALLATION AND BACKFILL. UTILITY INSTALLATION AREA SHALL BE STABILIZED WITH SEED AND MULCH PROGRESSIVELY AT THE END OF EACH WORK DAY.
13. CONSTRUCT CULVERTS, CATCH BASINS, AREA INLETS AND STORM SEWER MANHOLES, AS SHOWN ON THE PLANS.
14. INSTALL INLET/OUTLET PROTECTION PROGRESSIVELY AS THE STORM SEWER IS INSTALLED.
15. AS LANDSCAPED AREAS ARE BROUGHT TO GRADE, STABILIZE WITH TOPSOIL, SEED AND MULCH PER SPECIFICATIONS.
16. FINALIZE PAVEMENT SUB-GRADE PREPARATION.
17. INSTALL SUBBASE AND ASPHALT MATERIAL AS REQUIRED FOR PAVEMENT.
18. CARRY OUT ALL FINAL GRADING, STABILIZE SLOPES GREATER THAN 3H:1V WITH HEIGHTS EXCEEDING 5 FEET WITH EROSION CONTROL MATTING/BLANKETS, AND SEED AND MULCH ALL DISTURBED AREAS.
19. A QUALIFIED PROFESSIONAL SHALL PERFORM A SITE ASSESSMENT TO CONFIRM THAT ALL PERMANENT STORMWATER DEVICES HAVE BEEN INSTALLED PER PLANS AND 80% UNIFORM GERMINATION/STABILIZATION HAS BEEN ACHIEVED PRIOR TO THE REMOVAL OF ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROLS.

SIGNS

- 1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULT-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE
6. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

BARRIER/SHADOW VEHICLES

- 1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

CHANNELIZING DEVICES

- 1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS

- 1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY, FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

Table with columns: BID ITEM, DESCRIPTION OF ITEM, UNIT, QUANTITY. Includes items like UNCLASSIFIED EXCAVATION AND DISPOSAL, EMBANKMENT IN PLACE, GEOTEXTILE SEPARATION FABRIC, etc.

*THE SRAA HAS THE DISCRETION TO REMOVE THIS ITEM FROM THE CONTRACT IN ORDER TO STAY WITHIN THE AVAILABLE PROJECT FUNDING

SURVEYOR'S STANDARD NOTES:

- 1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
2. ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED SEAL OR RED INK SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.
3. CERTIFICATIONS ON THIS BOUNDARY SURVEY MAP SIGNIFY THAT THE MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC. THE CERTIFICATION IS LIMITED TO PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED, TO THE TITLE COMPANY, TO THE GOVERNMENTAL AGENCY, AND TO THE LENDING INSTITUTION LISTED ON THIS BOUNDARY SURVEY MAP.
4. THE CERTIFICATIONS HEREON ARE NOT TRANSFERABLE.
5. THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. IF ANY UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS EXIST OR ARE SHOWN, THE IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.

SURVEYOR'S GENERAL NOTES:

- 1. THE UNDERGROUND UTILITIES AND FEATURES SHOWN HEREON HAVE BEEN LOCATED FROM ABOVE GROUND VISIBLE FEATURES AND OTHER AVAILABLE RECORDS AND THEREFORE THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE ONLY. OTHER UNDERGROUND UTILITIES AND FEATURES MAY EXIST, EITHER IN SERVICE OR ABANDONED, THAT ARE NOT INDICATED ON THIS SURVEY. DIG SAFELY NEW YORK (UFPD) SHOULD BE CONTACTED PRIOR TO PERFORMING ANY EXCAVATION ACTIVITIES.
2. THE FIELD SURVEY WAS PERFORMED FROM JUNE 13, 2022 THROUGH JUNE 15, 2022.
3. THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED ON NYS CENTRAL ZONE NAD83(2011) (NORTH AMERICAN DATUM 1983/2011).
4. THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88).
5. ALL HORIZONTAL AND VERTICAL CONTROL IS REFERENCE TO THE PRIMARY AIRPORT CONTROL STATION (PACS) "HANCOCK NE BASE", WITH AN ELEVATION OF 410.83'.



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PROJECT MILESTONE
FINAL PLANS

Table with columns: NO., DATE, DESCRIPTION

CLIENT: SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212
PROJECT: SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

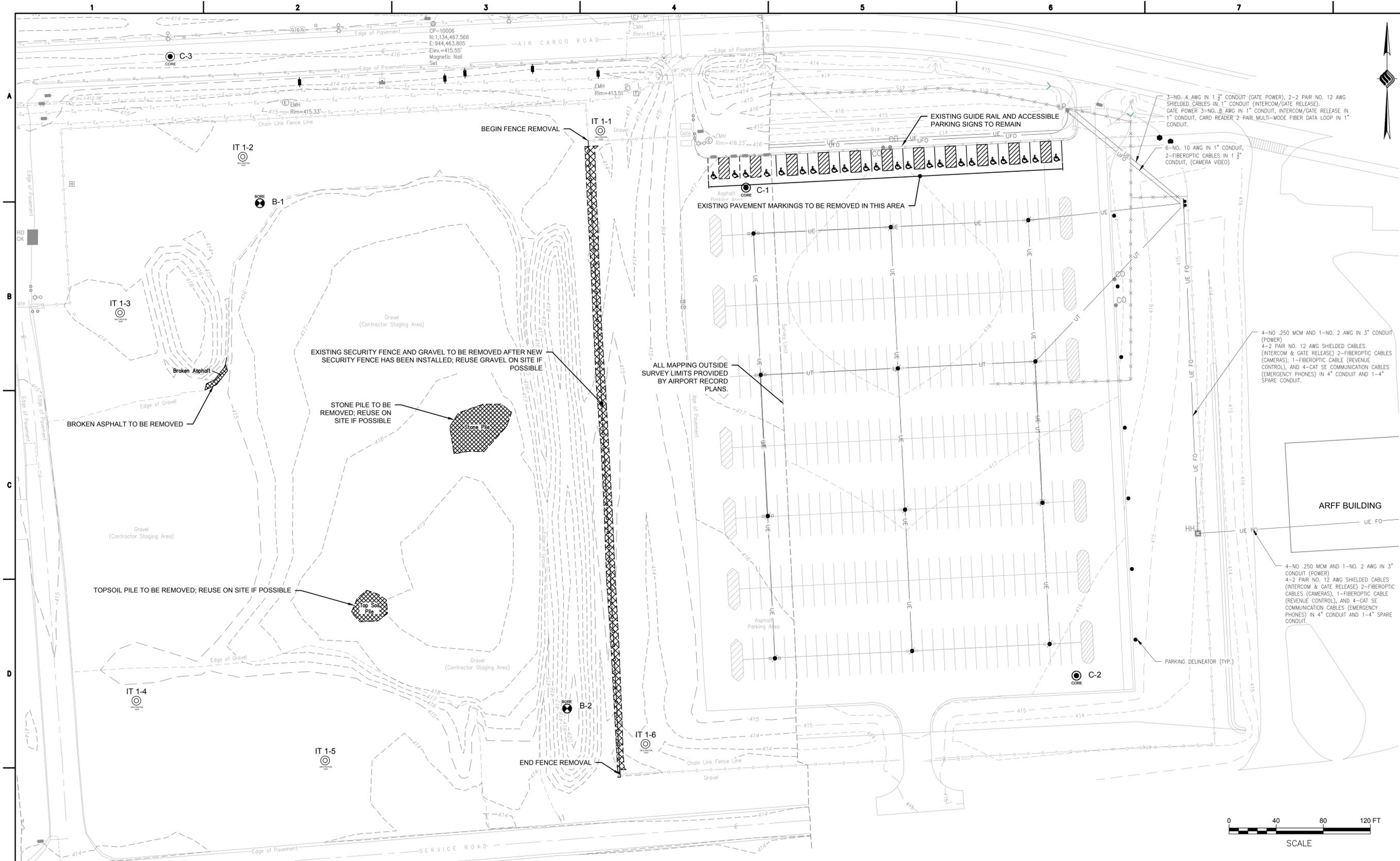
Table with columns: DRAWN, DESIGNED, CHECKED, SCALE, DATE, PROJECT. Values include LDW, AJF, AS NOTED, AUGUST 2022, 18831.02

BID SET

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DRAWING TITLE
GENERAL NOTES & QUANTITIES TABLE

DRAWING NUMBER
GN-1
1 OF 19



PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
 SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 1000 COLONEL EILEEN COLLINS BOULEVARD
 SYRACUSE, NEW YORK 13212

PROJECT:
 SURFACE PARKING LOT EXPANSIONS
 LOT #1 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

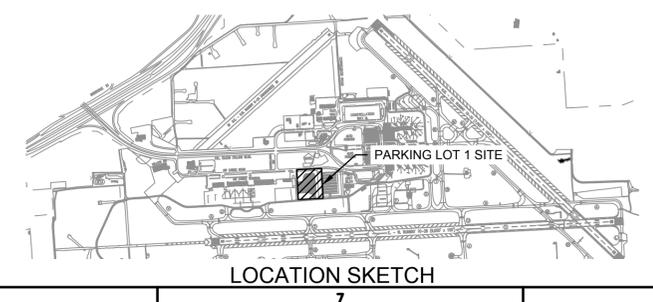
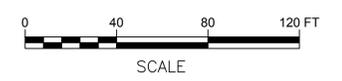
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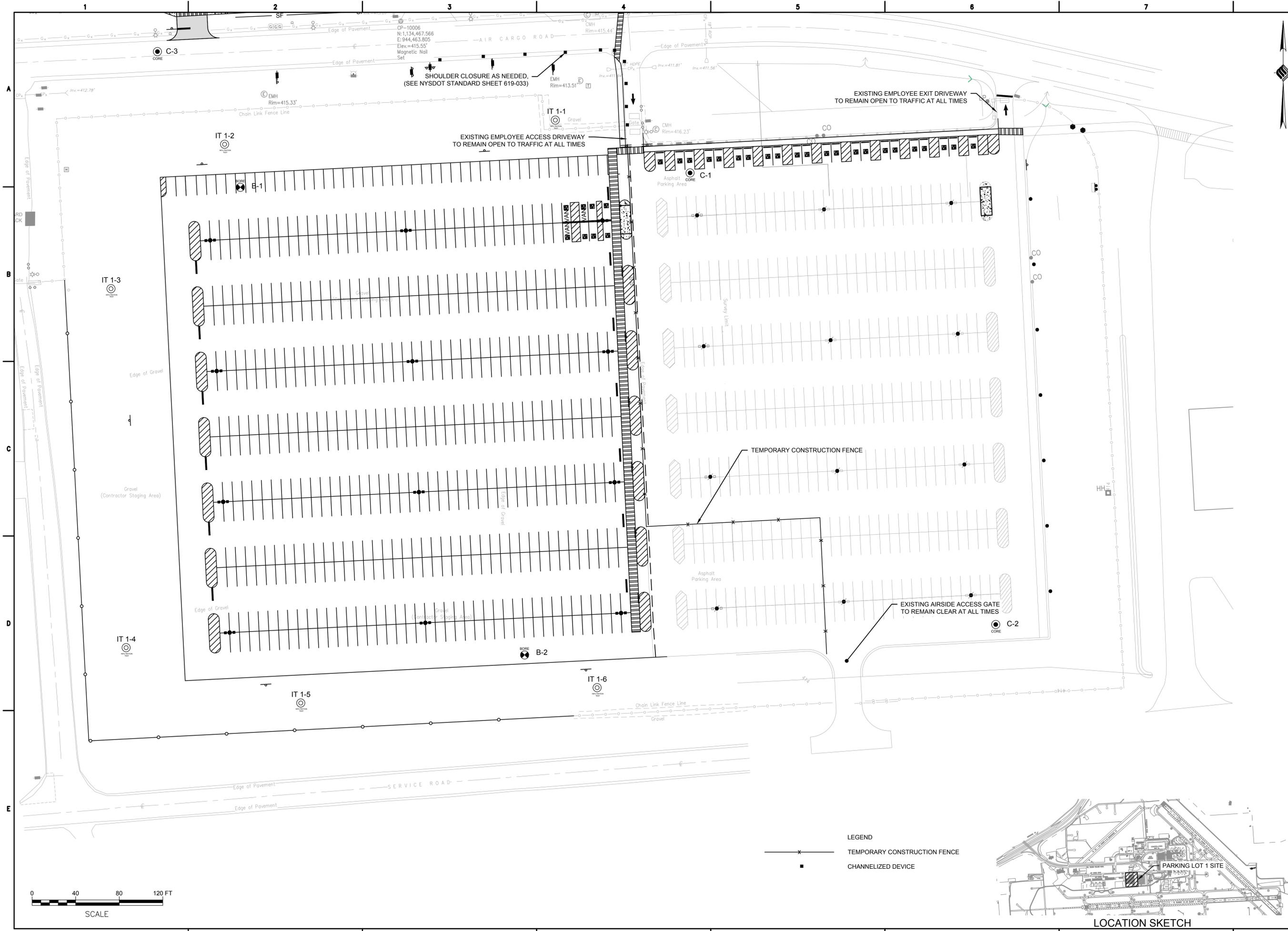
DRAWING TITLE
 EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING NUMBER
 EX-1
 2 OF 19

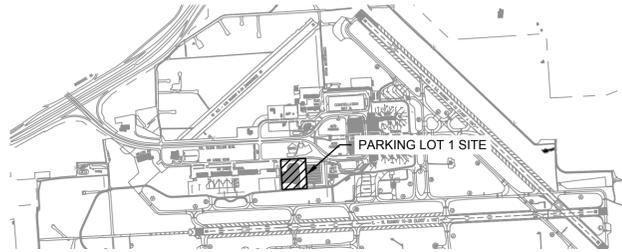
NOTE:
 TOPOGRAPHIC SURVEY PROVIDED BY AUBERTINE & CURRIER, ARCHITECTS, ENGINEERS, AND LAND SURVEYORS, PLLC. SURVEY ENTITLED "TOPOGRAPHIC SURVEY MAP OF A PORTION OF SYRACUSE INTERNATIONAL HANCOCK AIRPORT", COMPLETED JUNE 27, 2022. SURVEYOR'S STANDARD AND GENERAL NOTES SHOWN ON SHEET GN-1.

LEGEND	
	CONTROL POINT
	BENCHMARK
	MAJOR CONTOUR
	MINOR CONTOUR
	EDGE OF PAVEMENT
	EDGE OF GRAVEL
	CENTERLINE OF ROAD
	PAVEMENT CUT
	CURB LINE
	CHAIN LINK FENCE LINE
	GUARD RAILS
	LIMIT OF SURVEY
	UNDERGROUND COMM LINE
	WATER LINE
	NATURAL GAS LINE
	UNDERGROUND ELECTRIC LINE
	SANITARY SEWER LINE
	STORM CULVERT LINE
	COMMUNICATION MANHOLE
	TELEPHONE PEDESTAL
	WATER VALVE
	FIRE HYDRANT
	NATURAL GAS VALVE
	ELECTRIC MANHOLE
	ELECTRIC TRANSFORMER
	LIGHT POLE
	SANITARY SEWER MANHOLE
	CLEANOUT
	STORM CULVERT END
	END SECTION
	TRAFFIC CONTROL SIGNAL POLE
	BOLLARD
	POST
	SIGN
	TREES
	CONIFEROUS SHRUB
	ITEMS TO BE DEMOLISHED/REMOVED
	BORING LOCATION
	CORE LOCATION
	INFILTRATION TEST LOCATION





- LEGEND
- x — TEMPORARY CONSTRUCTION FENCE
 - CHANNELIZED DEVICE



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PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 1000 COLONEL EILEEN COLLINS BOULEVARD
 SYRACUSE, NEW YORK 13212

PROJECT:
**SURFACE PARKING LOT EXPANSIONS
 LOT #1 DESIGN**

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

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DRAWING TITLE
**MAINTENANCE &
 PROTECTION OF TRAFFIC
 PLAN**

DRAWING NUMBER
MPT-1
 3 OF 19



McFarland Johnson

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PROJECT MILESTONE

FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

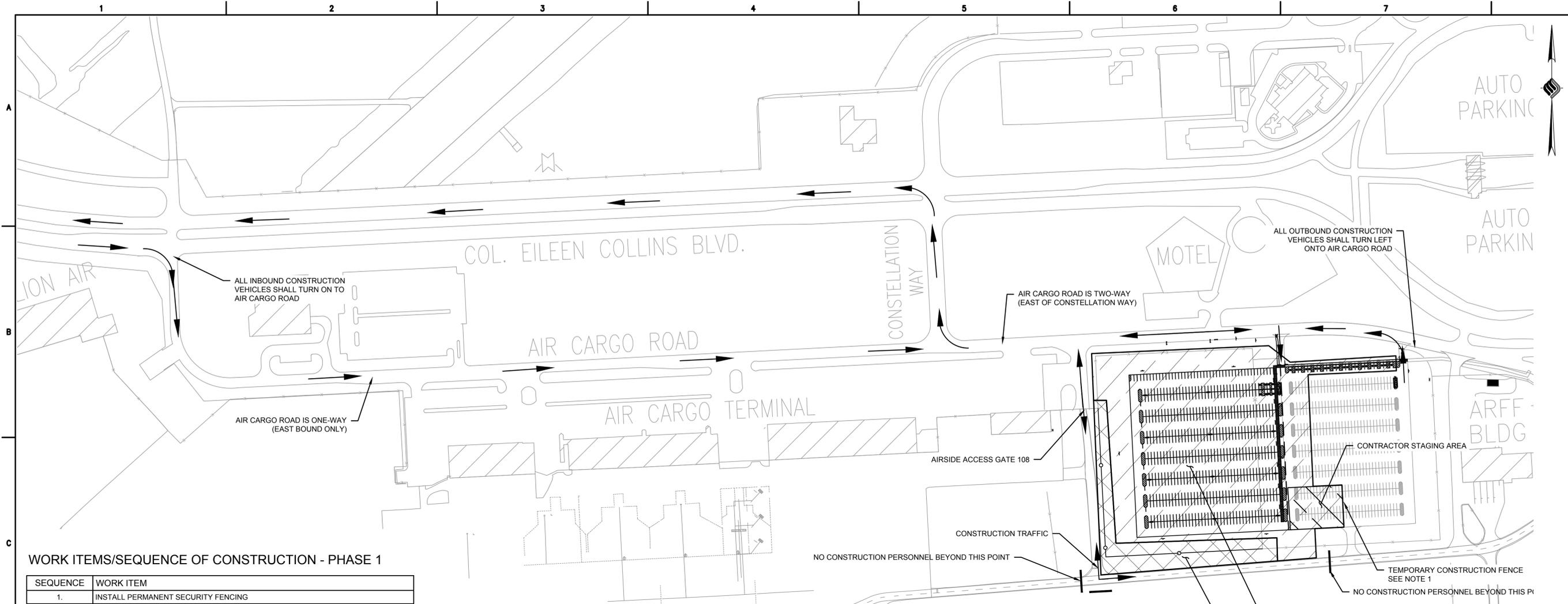
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DRAWING TITLE
CONSTRUCTION SAFETY & PHASING PLAN

DRAWING NUMBER

CS-1

4 OF 19



WORK ITEMS/SEQUENCE OF CONSTRUCTION - PHASE 1

SEQUENCE	WORK ITEM
1.	INSTALL PERMANENT SECURITY FENCING

WORK ITEMS/SEQUENCE OF CONSTRUCTION - PHASE 2

SEQUENCE	WORK ITEM
1.	INSTALL TEMPORARY CONSTRUCTION FENCE
2.	MOBILIZE AND ESTABLISH CONTRACTOR STAGING AREA
3.	INSTALL EROSION & SEDIMENT CONTROL MEASURES
4.	MASS GRADING
5.	UTILITY INSTALLATION (CONDUITS, LIGHT FOUNDATIONS)
6.	SUBBASE PLACEMENT
7.	CONSTRUCT STORMWATER FACILITIES
8.	PAVE PARKING LOT
9.	CONSTRUCT SIDEWALK, SHELTERS
10.	PAVEMENT STRIPING

WORK ITEMS THIS PHASE:

- INSTALL NEW SECURITY FENCE
- INSTALL NEW PARKING LOT AND SIGNAGE
- INSTALL PAVEMENT MARKINGS

FACILITIES DISABLED THIS PHASE:

- N/A

GENERAL PHASING NOTES:

1. TEMPORARY CONSTRUCTION FENCE TO BE CONSTRUCTED PRIOR TO PARKING LOT CONSTRUCTION. THE SECURITY FENCE SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES.
2. CONSTRUCTION VEHICLES SHALL USE THE DESIGNATED HAUL ROUTE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE SHUTDOWN OF FAA OWNED FACILITIES WITH FAA TECH OPS.

NOTES:

1. ALL CONTRACTOR PERSONNEL REQUIRING ACCESS INSIDE THE PERIMETER FENCE WILL BE REQUIRED TO BE BADGED PER AIRPORT SECURITY REQUIREMENTS. THIS INCLUDES AN APPLICATION, BACKGROUND CHECK AND BADGING FEE.

PHASE REQUIREMENTS:

PHASE	WORK AREA	CALENDAR TIME	REQUIREMENTS TO BEGIN	WORK HOUR RESTRICTIONS/ REQUIREMENTS	AIRFIELD CLOSURE AREAS	CLOSURE HOURS	LIQUIDATED DAMAGES	AIRPORT OPERATIONAL RESTRICTIONS
1	A	15	NOTICE TO PROCEED	NONE	NONE	NONE	\$1,500/ DAY OR PORTION THEREOF	CONTRACTOR ACCESS THROUGH GATE 108
2	B	75	PHASE 1 COMPLETED	NONE	NONE	NONE	\$1,500/ DAY OR PORTION THEREOF	NONE





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 Pittsford@mjinc.com

PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 1000 COLONEL EILEEN COLLINS BOULEVARD
 SYRACUSE, NEW YORK 13212

PROJECT:
**SURFACE PARKING LOT EXPANSIONS
 LOT #1 DESIGN**

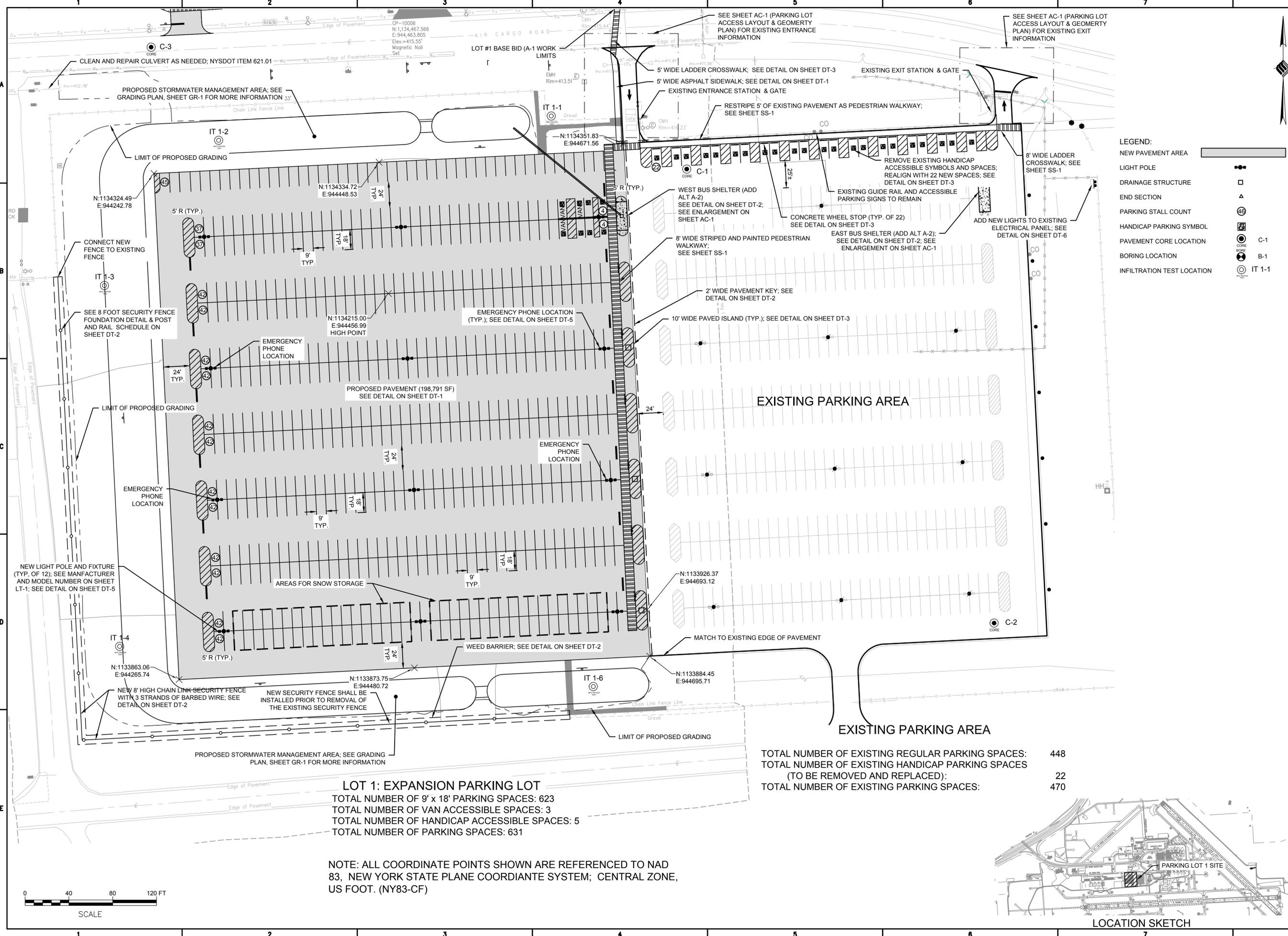
DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

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DRAWING TITLE
SITE LAYOUT PLAN

DRAWING NUMBER
SP-1
 5 OF 19

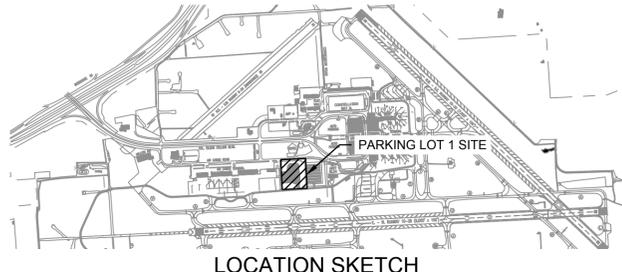


- LEGEND:**
- NEW PAVEMENT AREA
 - LIGHT POLE
 - DRAINAGE STRUCTURE
 - END SECTION
 - PARKING STALL COUNT
 - HANDICAP PARKING SYMBOL
 - PAVEMENT CORE LOCATION
 - BORING LOCATION
 - INFILTRATION TEST LOCATION

TOTAL NUMBER OF EXISTING REGULAR PARKING SPACES: 448
 TOTAL NUMBER OF EXISTING HANDICAP PARKING SPACES (TO BE REMOVED AND REPLACED): 22
 TOTAL NUMBER OF EXISTING PARKING SPACES: 470

LOT 1: EXPANSION PARKING LOT
 TOTAL NUMBER OF 9' x 18' PARKING SPACES: 623
 TOTAL NUMBER OF VAN ACCESSIBLE SPACES: 3
 TOTAL NUMBER OF HANDICAP ACCESSIBLE SPACES: 5
 TOTAL NUMBER OF PARKING SPACES: 631

NOTE: ALL COORDINATE POINTS SHOWN ARE REFERENCED TO NAD 83, NEW YORK STATE PLANE COORDIANTE SYSTEM; CENTRAL ZONE, US FOOT. (NY83-CF)





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 SYRACUSE, NEW YORK 13212

PROJECT:
**SURFACE PARKING LOT EXPANSIONS
 LOT #1 DESIGN**

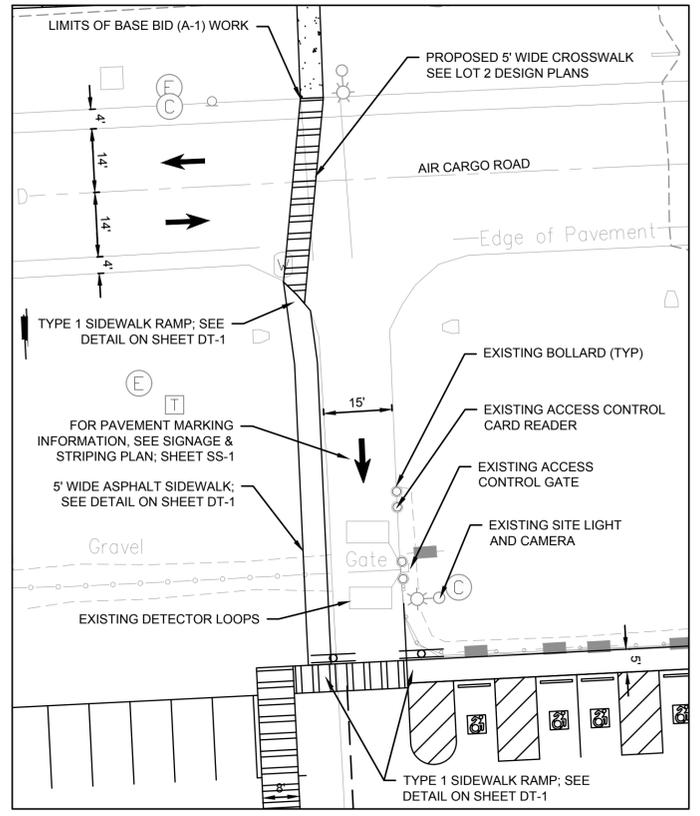
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DESIGNED	LDW
CHECKED	AJF
SCALE	1"=20'
DATE	AUGUST 2022
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BID SET

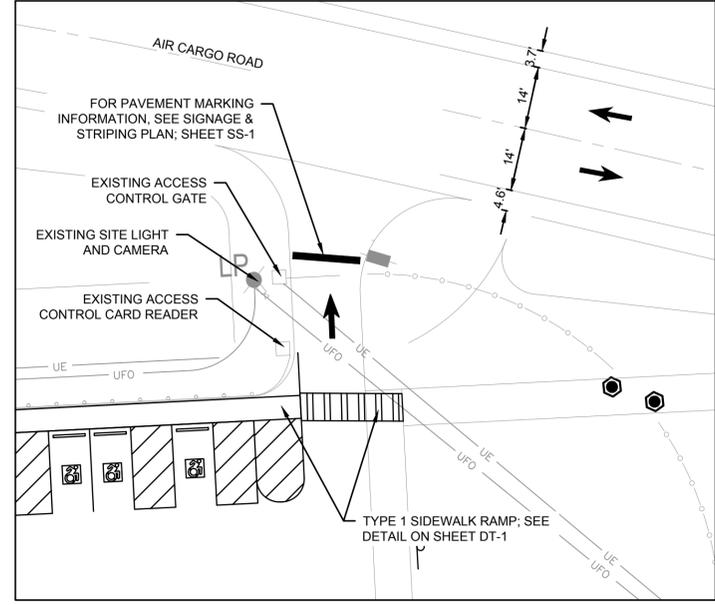
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DRAWING TITLE
**PARKING LOT ACCESS
 LAYOUT PLAN & GEOMETRY**

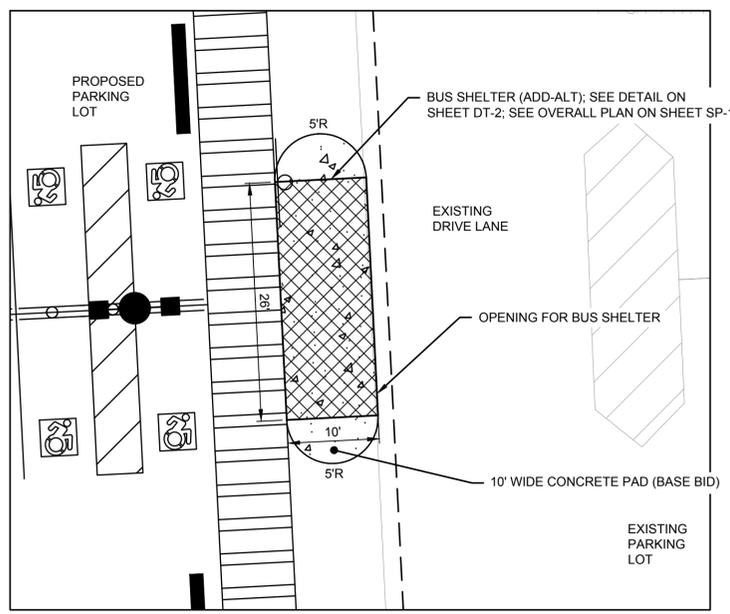
DRAWING NUMBER
AC-1



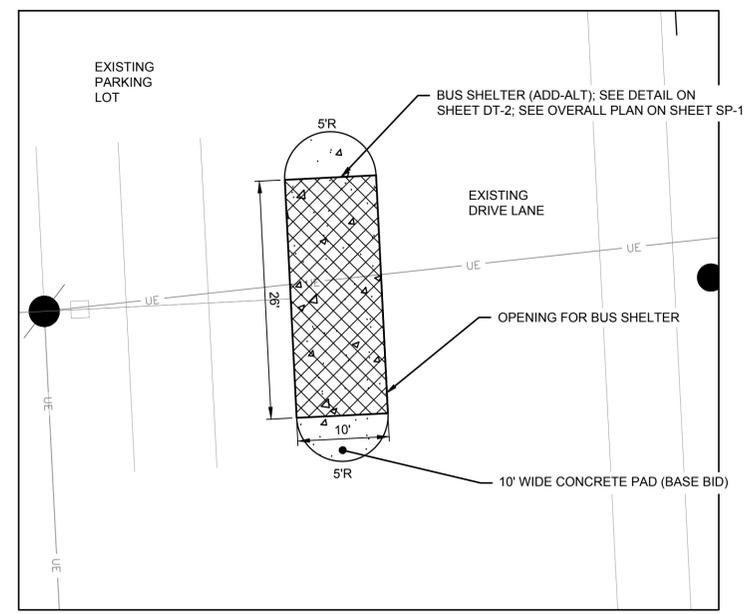
PARKING LOT 1 ENTRANCE
 SCALE: 1"=20'



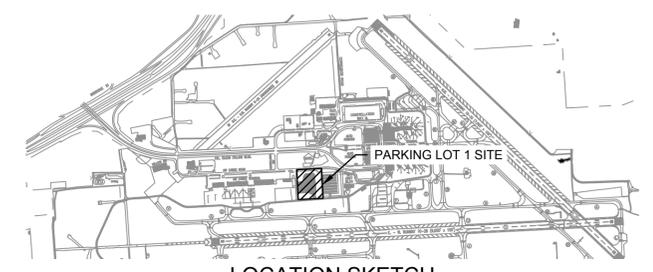
PARKING LOT 1 EXIT
 SCALE: 1"=20'



BUS SHELTER (WEST)
 SCALE: 1"=10'



BUS SHELTER (EAST)
 SCALE: 1"=10'



LOCATION SKETCH



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CLIENT:
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1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
**SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN**

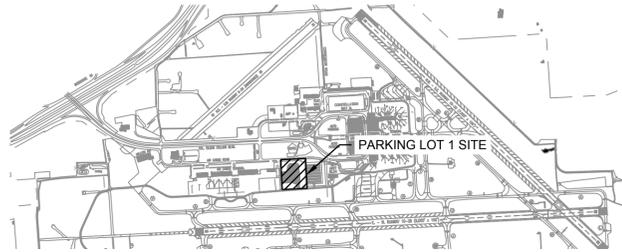
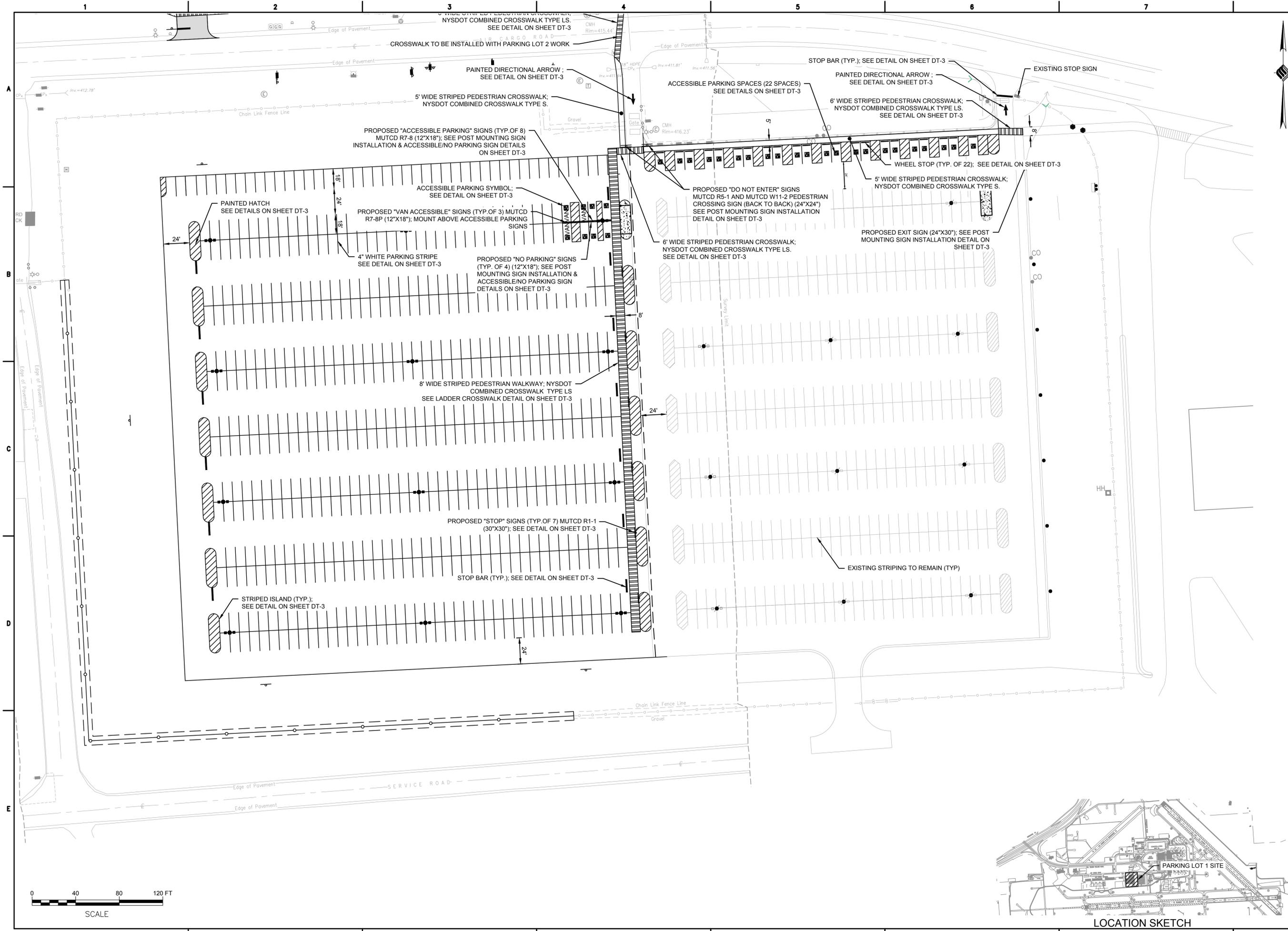
DRAWN	LDW
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CHECKED	AJF
SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

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DRAWING TITLE
SIGNING & STRIPING PLAN

DRAWING NUMBER
SS-1



K:\SYRACUSE\18831.02 NEW PARKING LOTS - DESIGN\DRAWINGS\SHEET FILES\PARKING LOT 1\18831.02.PARK.DWG



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PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
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1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

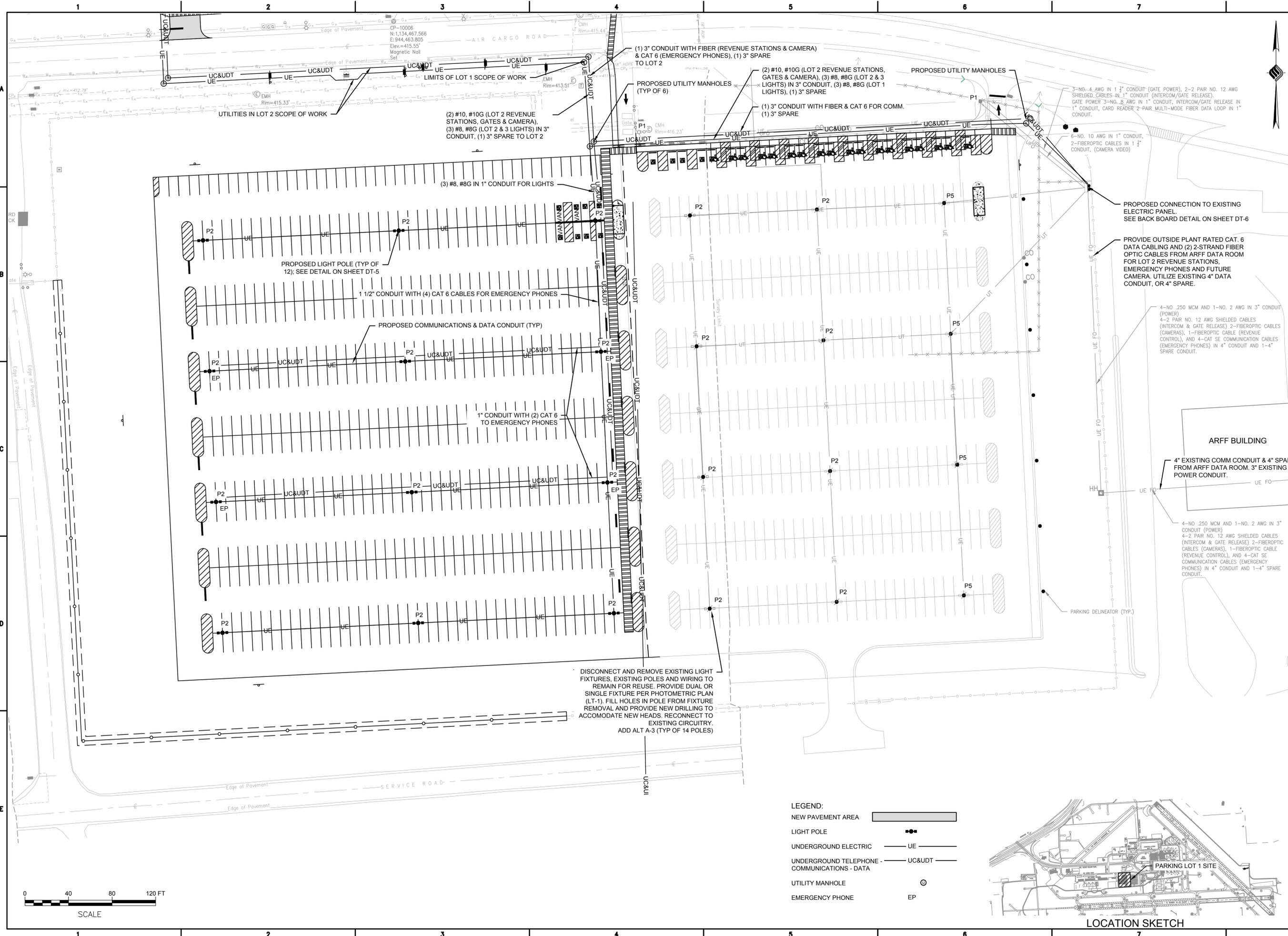
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DRAWING TITLE
UTILITY, POWER, COMMUNICATIONS, & CONTROL PLAN

DRAWING NUMBER

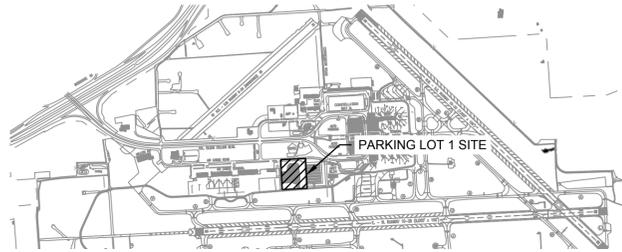
UT-1

8 OF 19



LEGEND:

NEW PAVEMENT AREA	
LIGHT POLE	
UNDERGROUND ELECTRIC	
UNDERGROUND TELEPHONE - COMMUNICATIONS - DATA	
UTILITY MANHOLE	
EMERGENCY PHONE	



K:\SYRACUSE\18831.02 NEW PARKING LOTS - DESIGN\DRAWINGS\SSHEET FILES\PARKING LOT 1\18831.02.UTL.DWG



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 SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
 LOT #1 DESIGN

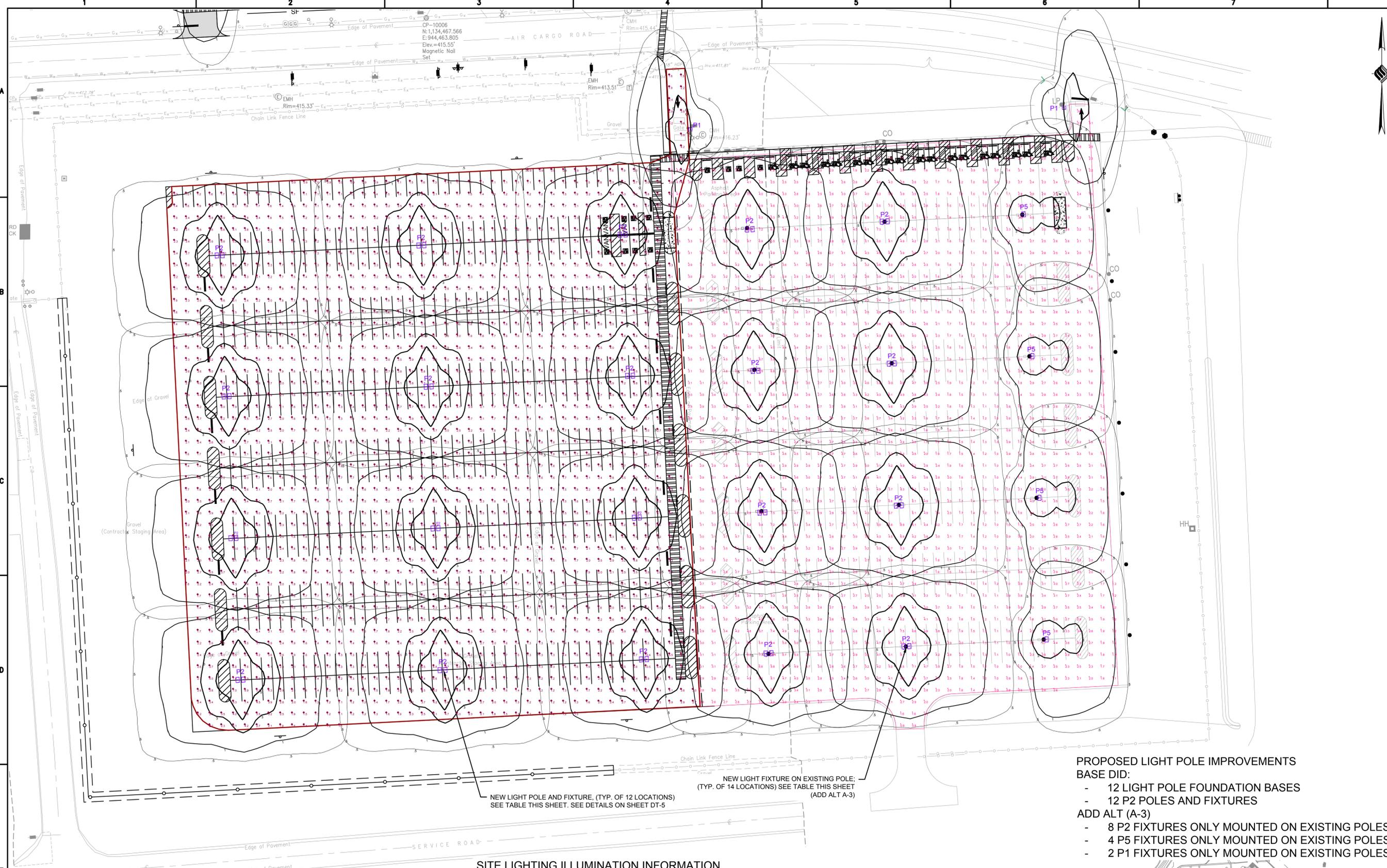
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DRAWING TITLE
LIGHTING PHOTOMETRICS PLAN

DRAWING NUMBER
LT-1

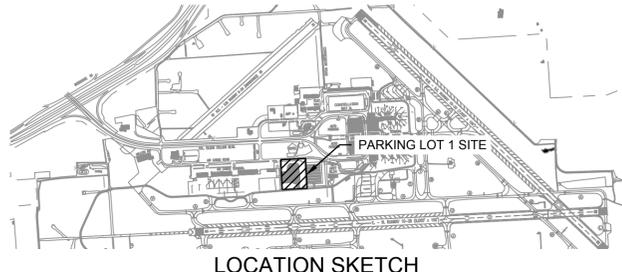


- PROPOSED LIGHT POLE IMPROVEMENTS**
 BASE DID:
 - 12 LIGHT POLE FOUNDATION BASES
 - 12 P2 POLES AND FIXTURES
- ADD ALT (A-3)
 - 8 P2 FIXTURES ONLY MOUNTED ON EXISTING POLES
 - 4 P5 FIXTURES ONLY MOUNTED ON EXISTING POLES
 - 2 P1 FIXTURES ONLY MOUNTED ON EXISTING POLES

SITE LIGHTING ILLUMINATION INFORMATION

Symbol	Qty	Label	Arrangement	LLF	Manufacturer	Fixture Model Number	Arr. Watts	Lum. Watts	Lum. Lumens	Mounting Height	Pole Manufacturer	Pole Model Number
[Symbol]	2	P1	SINGLE	0.950	COOPER LIGHTING	BAA-GALN-SA4A-740-8-T2-BZ-DIM10-MS/DIM-L40	121	121	18194	28 FEET	McGraw Edison	SSA6M25WFN1
[Symbol]	20	P2	BACK-BACK	0.950	COOPER LIGHTING	BAA-GALN-SA6A-740-8-T4FT-BZ-DIM10-MS/DIM-L40	364	182	27058	28 FEET	McGraw Edison	SSA6M25WFN2
[Symbol]	0	P3	BACK-BACK	0.950	COOPER LIGHTING	BAA-GALN-SA4A-740-8-T3R-BZ-DIM10-MS/DIM-L40	242	121	18513	28 FEET	McGraw Edison	SSA6M25WFN2
[Symbol]	0	P4	SINGLE	0.950	COOPER LIGHTING	BAA-GALN-SA4A-740-8-T4W-BZ-DIM10-MS/DIM-L40	121	121	18104	28 FEET	McGraw Edison	SSA6M25WFN1
[Symbol]	4	P5	SINGLE	0.950	COOPER LIGHTING	BAA-GALN-SA6A-740-8-T4W-BZ-DIM10-MS/DIM-L40	182	182	27138	28 FEET	McGraw Edison	SSA6M25WFN1

Calculation Summary		Units	Avg	Max	Min	Avg/Min	Max/Min
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Existing_Lot_Pla	ILLUMINANCE	Fc	2.94	10.5	0.6	4.90	17.50
LOT1_Planar	ILLUMINANCE	Fc	2.72	10.7	0.9	3.02	11.89





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NO.	DATE	DESCRIPTION

CLIENT:
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1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

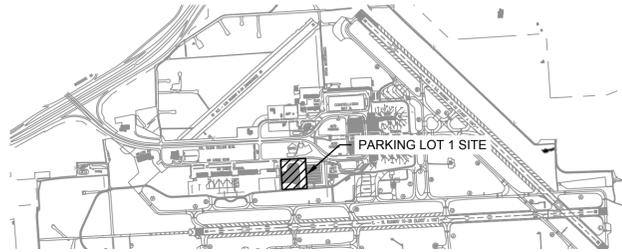
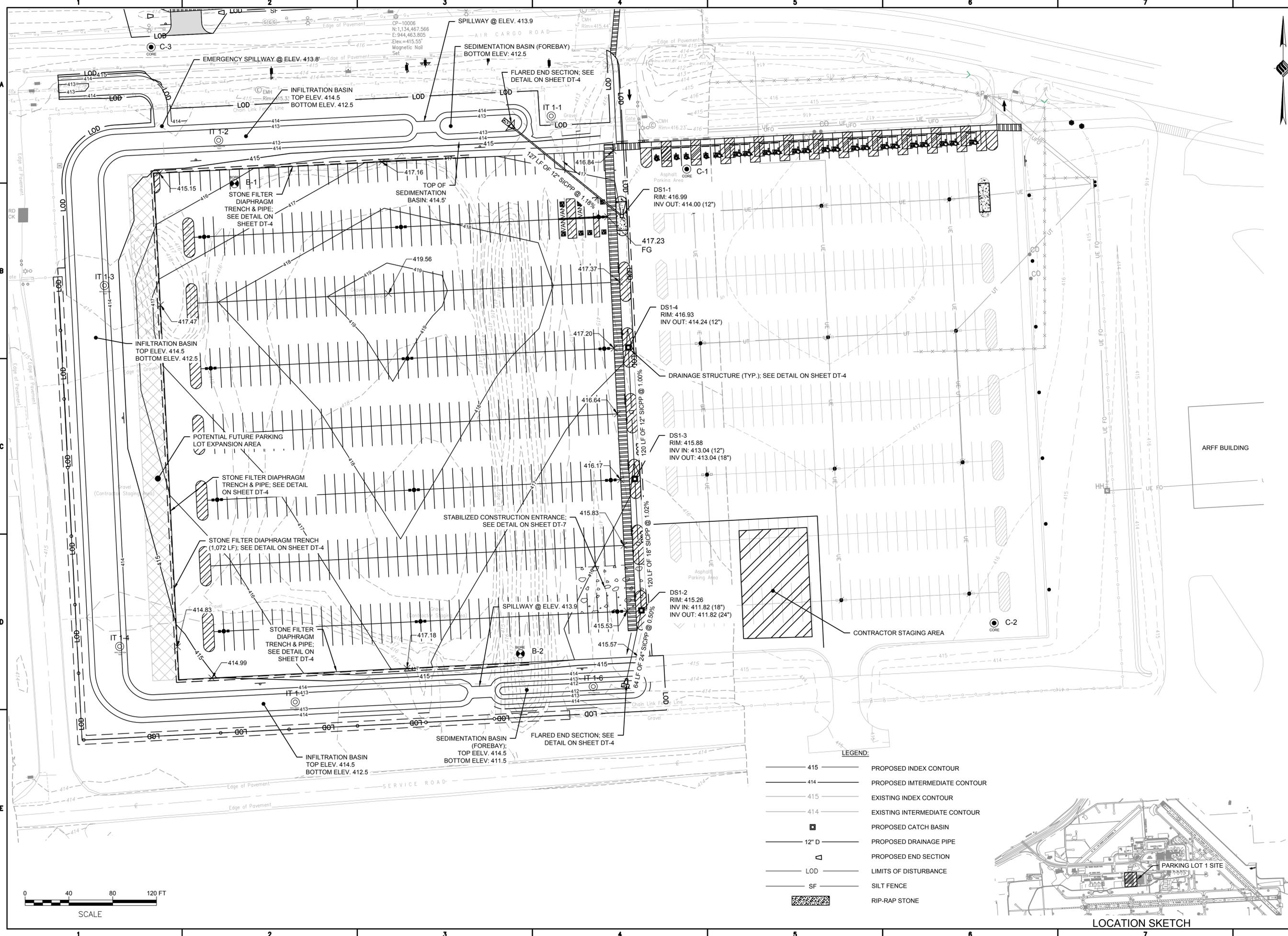
DRAWN	LDW
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DRAWING TITLE
**GRADING, DRAINAGE,
EROSION & SEDIMENT
CONTROL PLAN**

DRAWING NUMBER
GR-1



- LEGEND:**
- 415 — PROPOSED INDEX CONTOUR
 - 414 — PROPOSED INTERMEDIATE CONTOUR
 - 415 — EXISTING INDEX CONTOUR
 - 414 — EXISTING INTERMEDIATE CONTOUR
 - PROPOSED CATCH BASIN
 - 12" D — PROPOSED DRAINAGE PIPE
 - ▽ PROPOSED END SECTION
 - LOD — LIMITS OF DISTURBANCE
 - SF — SILT FENCE
 - ▨ RIP-RAP STONE

PROJECT MILESTONE
FINAL PLANS

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1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

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SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

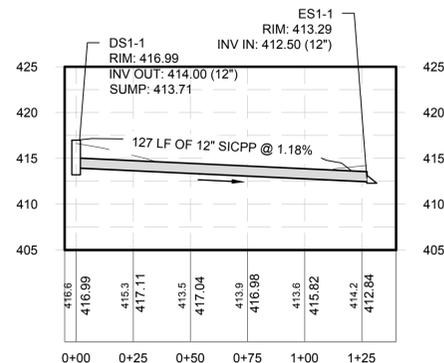
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DRAWING TITLE
DRAINAGE PROFILE & TABLE

DRAWING NUMBER
GR-2



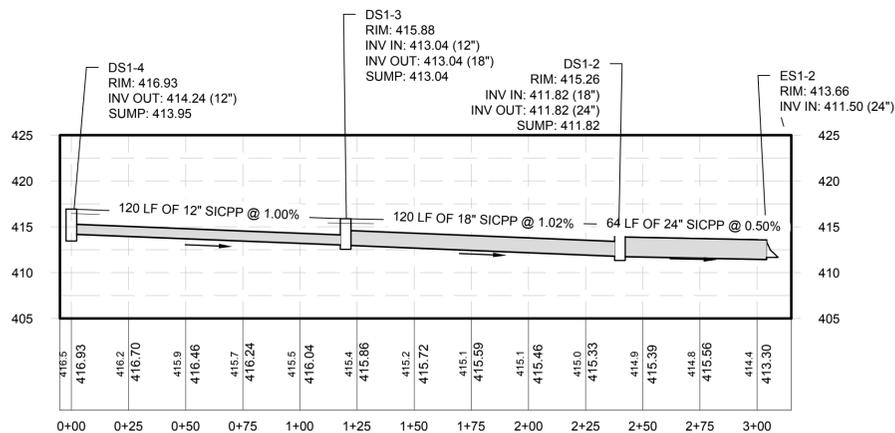
PARKING LOT 1 - NORTH
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'

STRUCTURE TABLE PL1 - NORTH							
STRUCTURE	RIM	INV(S) IN	INV OUT	TYPE		NORTHING	EASTING
DS1-1	416.99		414.00	NYS DOT STRUCTURE TYPE T, FRAME NO. 11, ITEM 604.302091		1134285.68	944670.24
ES1-1	413.29	412.50		12" END SECTION; NYS DOT ITEM 603.171016		1134365.87	944571.47

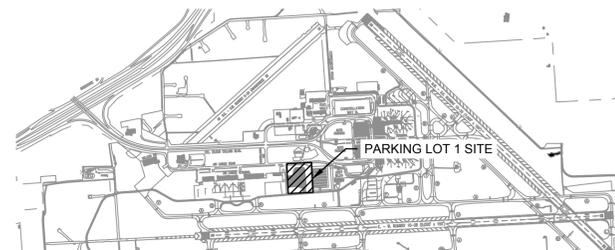
STRUCTURE TABLE PL1 - SOUTH							
STRUCTURE	RIM	INV(S) IN	INV OUT	TYPE		NORTHING	EASTING
DS1-2	415.26	411.82	411.82	NYS DOT STRUCTURE TYPE T, FRAME NO. 11, ITEM 604.302091		1133926.13	944688.13
DS1-3	415.88	413.04	413.04	NYS DOT STRUCTURE TYPE T, FRAME NO. 11, ITEM 604.302091		1134045.98	944682.17
DS1-4	416.93		414.24	NYS DOT STRUCTURE TYPE T, FRAME NO. 11, ITEM 604.302091		1134165.83	944676.20
ES1-2	413.66	411.50		24" METAL END SECTION; NYS DOT ITEM 603.171416		1133863.38	944674.76

PIPE TABLE PL1 - NORTH						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	FROM STRC	TO STRC
DP1-1	12"	127.22'	1.18%	SICPP	DS1-1	ES1-1

PIPE TABLE PL1 - SOUTH						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	FROM STRC	TO STRC
DP1-2	24"	64.15'	0.50%	SICPP	DS1-2	ES1-2
DP1-3	18"	120.00'	1.02%	SICPP	DS1-3	DS1-2
DP1-4	12"	120.00'	1.00%	SICPP	DS1-4	DS1-3



PARKING LOT 1 - SOUTH
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



LOCATION SKETCH

	1	2	3	4	5	6	7	8
A	<p>EROSION AND SEDIMENT CONTROL PLAN NOTES:</p> <p>1. THE EROSION AND SEDIMENT CONTROL PLAN IS INTENDED TO REPRESENT A CONCEPTUAL APPROACH TO EROSION AND SEDIMENT CONTROL. IT IS FURTHER INTENDED THAT THE OWNER AND CONTRACTOR SHALL IMPLEMENT PRACTICES, AS REQUIRED, TO CONTROL EROSION AND SEDIMENT IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL AND SWPPP.</p> <p>2. INSTALL SILT FENCE, AND ALL OTHER EROSION CONTROL MEASURES AS INDICATED ON THE PLAN PRIOR TO THE START OF ANY EXCAVATION WORK. EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND THE GOVERNING MUNICIPALITY REQUIREMENTS.</p> <p>3. REMOVE AND STOCKPILE TOPSOIL IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN. REPLACE TOPSOIL TO A MINIMUM 4" DEPTH. ALL DISTURBED AREAS ARE TO BE HYDROSEEDED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLANS.</p> <p>4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS, INCLUDING INLET PROTECTION AND SILT FENCE. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE AREAS HAVE BEEN PROPERLY STABILIZED.</p> <p>5. CONTRACTOR SHALL MAINTAIN A STOCK PILE OF EROSION AND SEDIMENT CONTROL MEASURES ON SITE AS INDICATED ON THE PLAN.</p> <p>6. NO PETROLEUM PRODUCTS ARE TO BE STORED ON SITE WITHOUT PRIOR APPROVAL OF THE LOCAL STORMWATER INSPECTOR. ANY PETROLEUM ON SITE WILL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL GOVERNMENT REGULATIONS.</p> <p>7. WRAP YARD INLET GRATES IN FILTER FABRIC PROGRESSIVELY AS STORM SEWER AND YARD INLETS ARE INSTALLED.</p> <p>8. ALL EROSION CONTROL MEASURES ARE TO BE REPLACED WHENEVER THEY BECOME CLOGGED OR INOPERABLE AND SHALL BE REPLACED AT A MINIMUM OF EVERY 3 MONTHS.</p> <p>9. JUTE MESH WILL BE USED ON SLOPES STEEPER THAN 3:1 AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER.</p> <p>10. ALL DISTURBED AREAS SHALL BE FINISH GRADED TO PROMOTE VEGETATION ON ALL EXPOSED AREAS AS SOON AS PRACTICABLE. STABILIZATION PRACTICES (TEMPORARY/PERMANENT SEEDING, MULCHING, GEOTEXTILES, ETC.) MUST BE IMPLEMENTED WITHIN SEVEN (7) DAYS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND NOT EXPECTED TO RESUME WITHIN FOURTEEN (14) DAYS.</p> <p>11. ALL RIP-RAP OUTLET PROTECTION TO BE CONSTRUCTED PER NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.</p> <p>12. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING, TO PROVIDE DUST CONTROL DURING CONSTRUCTION.</p> <p>13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL FEATURES THROUGHOUT THE DURATION OF CONSTRUCTION.</p> <p>A. ALL SEDIMENT TRAPPING DEVICES AND INLET PROTECTION DEVICES SHALL BE CLEANED OF ACCUMULATED SILT WHEN STORAGE CAPACITY HAS BEEN REDUCED BY 50% OF THEIR DESIGN CAPACITY.</p> <p>B. ALL SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE AND STRAW BALES WHEN IT ACCUMULATES TO A MAXIMUM HEIGHT OF 6".</p> <p>C. AFTER VEGETATION HAS BEEN SUBSTANTIALLY ESTABLISHED, EXCAVATE SWALES OF ACCUMULATED SILT. RE-ESTABLISHED VEGETATION ON DISTURBED AREAS.</p> <p>D. SEDIMENT COLLECTED BY EROSION CONTROL MEASURES SHALL BE DISPOSED OF BY SPREADING ON-SITE OR HAULED AWAY IF DETERMINED TO BE UNSUITABLE FOR FILL.</p> <p>12. ALL DISTURBED AREAS SHALL BE STABILIZED, SEEDDED AND MULCHED WITHIN 7 DAYS OF CEASED CONSTRUCTION ACTIVITY.</p> <p>13. TOTAL PROJECT DISTURBANCE AREA PER THE NYSDEC SPDES STANDARDS IS 13.8 ACRES.</p> <p>14. ALL AREAS TO REMAIN AS PERVIOUS VEGETATED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE NYS STORMWATER MANAGEMENT DESIGN MANUAL TABLE 5.3 SOIL RESTORATION REQUIREMENTS.</p> <p>PERMANENT SEEDING NON-SLOPED AREAS:</p> <p>1. IF SOILS ARE COMPACTED, SCARIFY UPPER TWO INCHES BY BACKBLADING WITH DOZER, RAKING, OR DISKING.</p> <p>2. PLACE TOPSOIL TO A MINIMUM DEPTH OF 4 INCHES.</p> <p>3. SEED PER NYS DOT ESTABLISHING TURF SPECIFICATIONS; NYS DOT ITEM 610.1602.</p> <p>4. FERTILIZE WITH 600 POUNDS PER ACRE OF 10-10-10. LIME TO ACHIEVE A PH OF NOT LESS THAN 5.5 OR GREATER THAN 7.6. IF HYDROSEEDER IS NOT USED, SEED AND FERTILIZER SHOULD BE LIGHTLY RAKED INTO SOIL.</p> <p>5. MULCH WITH CLEAN (WEED FREE) STRAW IF SPECIFIED ON PLANS.</p> <p>PERMANENT SEEDING SLOPED AREAS:</p> <p>1. IF SOILS ARE COMPACTED, SCARIFY UPPER TWO INCHES BY BACKBLADING WITH DOZER, RAKING, OR DISKING.</p> <p>2. PLACE TOPSOIL TO A MINIMUM DEPTH OF 4 INCHES.</p> <p>3. FERTILIZE WITH 600 POUNDS PER ACRE OF 10-10-10. LIME TO ACHIEVE A PH OF NOT LESS THAN 5.5 OR GREATER THAN 7.6. IF HYDROSEEDER IS NOT USED, SEED AND FERTILIZER SHOULD BE LIGHTLY RAKED INTO SOIL.</p> <p>4. IMMEDIATELY SEED NYS DOT ESTABLISHING TURF SPECIFICATIONS; NYS DOT ITEM 610.1602.</p> <p>5. PROVIDE JUTE MESH IF SPECIFIED ON PLANS OR MULCH WITH CLEAN (WEED FREE) STRAW.</p>							B
B	<p>WINTER STABILIZATION:</p> <p>1. PREPARE A SNOW MANAGEMENT PLAN WITH ADEQUATE STORAGE FOR SNOW AND CONTROL OF MELT WATER, REQUIRING CLEARED SNOW TO BE STORED IN A MANNER NOT AFFECTING ONGOING CONSTRUCTION ACTIVITIES.</p> <p>2. TO ENSURE ADEQUATE STABILIZATION OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL SHOULD BE STABILIZED AT THE END OF EACH WORK DAY UNLESS:</p> <p>A. WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND NO PRECIPITATION IS FORECAST OR;</p> <p>B. THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, FOUNDATION EXCAVATIONS, OR WATER MANAGEMENT AREAS.</p> <p>3. IF THE SITE WILL NOT HAVE EARTH DISTURBING ACTIVITIES ONGOING DURING THE "WINTER SEASON", ALL BARE EXPOSED SOIL MUST BE STABILIZED BY ESTABLISHED VEGETATION, STRAW OR OTHER ACCEPTABLE MULCH, MATTING, ROCK OR OTHER APPROVED MATERIAL SUCH AS ROLLED EROSION CONTROL PRODUCTS. SEEDING OF AREAS WITH MULCH COVER IS PREFERRED BUT SEEDING ALONE IS NOT ACCEPTABLE FOR PROPER STABILIZATION.</p> <p style="text-align: center;">NOTE: A 5-ACRE WAIVER REQUEST MUST BE APPROVED BY THE SYRACUSE AIRPORT (MS4) PRIOR TO DISTURBING MORE THAN 5 ACRES.</p> <p>TEMPORARY SEEDING:</p> <p>1. IF SOILS ARE COMPACTED, SCARIFY UPPER TWO INCHES BY BACKBLADING WITH DOZER, RAKING, OR DISKING. FERTILIZE WITH 300 POUNDS PER ACRE OF 10-10-10.</p> <p>2. NOTE: NO FERTILIZER SHOULD BE USED AFTER OCTOBER 1ST IF THERE IS DANGER OF LEACHING INTO WATER RESOURCE.</p> <p>3. IMMEDIATELY SEED AND MULCH PER NYS DOT ITEM 209.1003.</p> <p>4. APPLY STRAW MULCH AS NECESSARY TO HOLD IN MOISTURE, PROTECT SOIL FROM EROSION, HOLD SEED IN PLACE, AND KEEP SOIL TEMPERATURES MORE CONSTANT; 2 TONS PER ACRE.</p> <p>SOIL RESTORATION NOTES:</p> <p>SOIL RESTORATION PROCEDURE:</p> <p>DURING PERIODS OF RELATIVELY LOW TO MODERATE SUBSOIL MOISTURE, THE DISTURBED SUBSOILS ARE RETURNED TO ROUGH GRADE AND THE FOLLOWING SOIL RESTORATION STEPS APPLIED:</p> <p>1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL</p> <p>2. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS</p> <p>3. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE</p> <p>4. APPLY TOPSOIL TO A DEPTH OF 6 INCHES</p> <p>5. VEGETATE AS REQUIRED BY APPROVED PLAN.</p> <p>AT THE END OF THE PROJECT AN INSPECTOR SHOULD BE ABLE TO PUSH A 3/8" METAL BAR 12 INCHES INTO THE SOIL JUST WITH BODY WEIGHT. TILLING (STEP 2 ABOVE) SHOULD NOT BE PERFORMED WITHIN THE DRIP LINE OF ANY EXISTING TREES OR OVER UTILITY INSTALLATIONS THAT ARE WITHIN 24 INCHES OF THE SURFACE.</p> <p>COMPOST SPECIFICATIONS:</p> <p>COMPOST SHALL BE AGED, FROM PLANT DERIVED MATERIALS, FREE OF VIABLE WEED SEEDS, HAVE NO VISIBLE FREE WATER OR DUST PRODUCED WHEN HANDLING, PASS THROUGH A HALF INCH SCREEN AND HAVE A PH SUITABLE TO GROW DESIRED PLANTS.</p>							C
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McFarland Johnson
Engineers, Planning & Construction Administration

15 FISHERS ROAD, SUITE 200
PITTSFORD, NEW YORK 14534
P:585-905-0970 F:585-905-0882
Pittsford@mjinc.com

PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

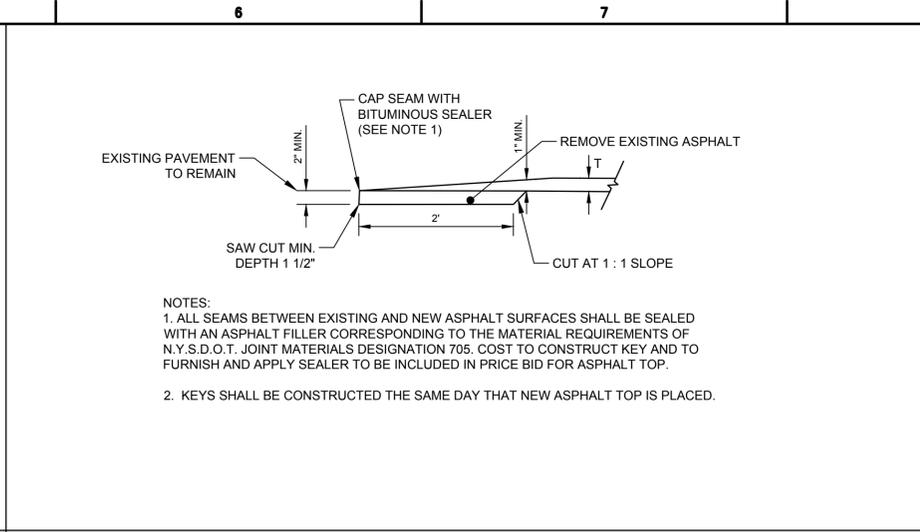
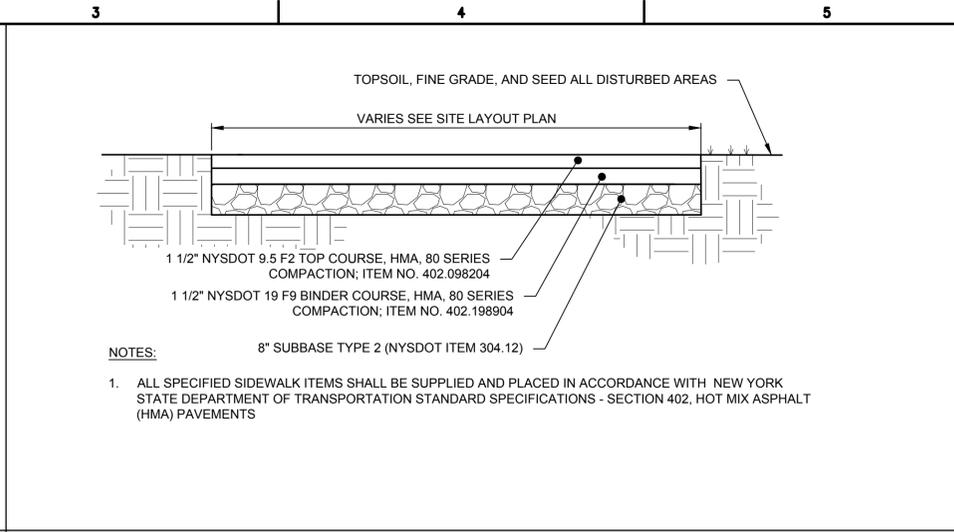
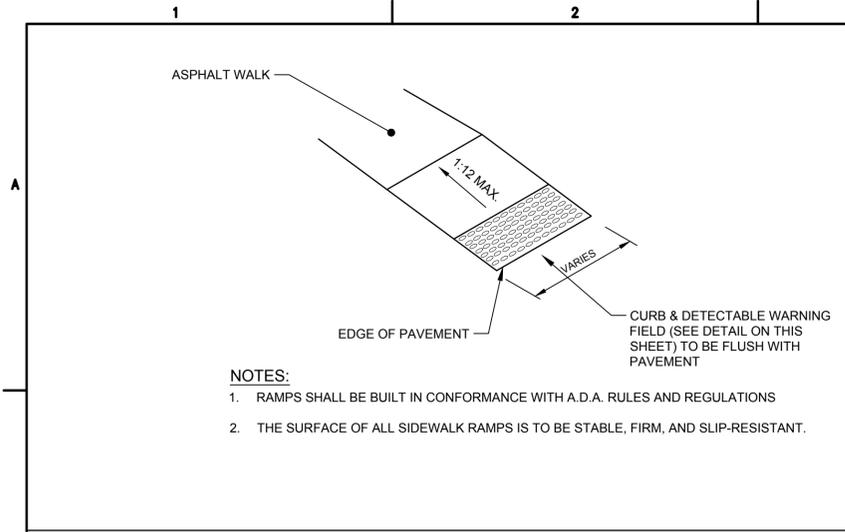
DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

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DRAWING TITLE
EROSION & SEDIMENT CONTROL NOTES

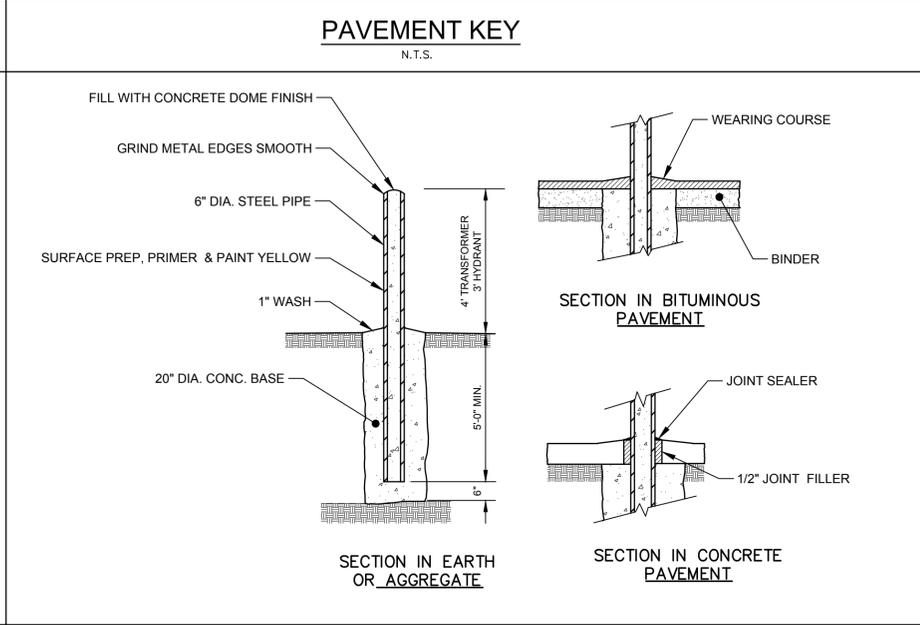
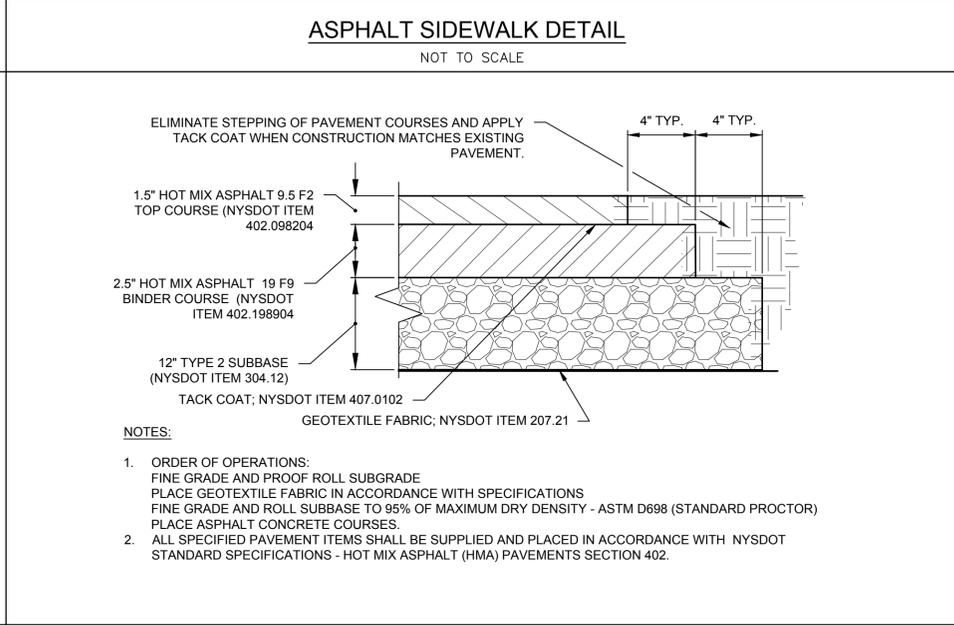
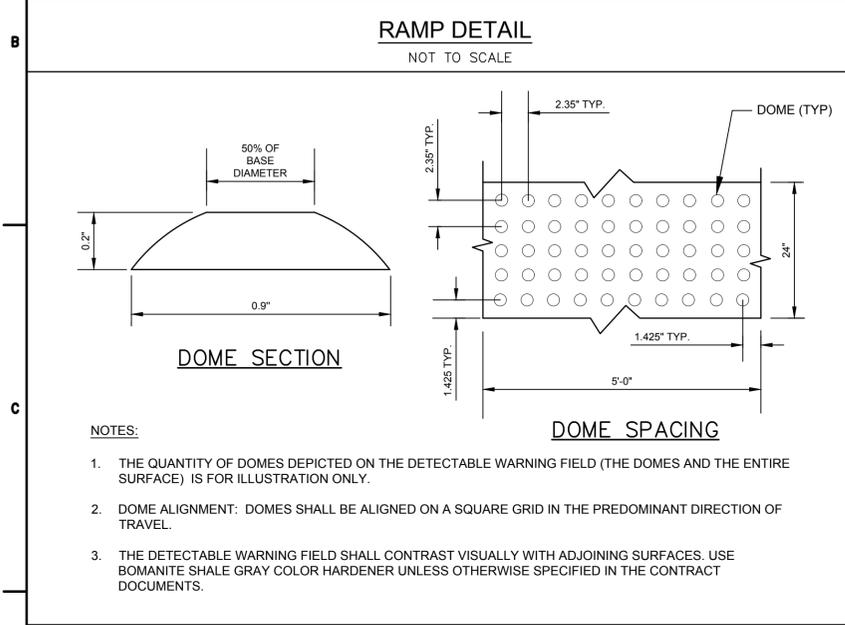
DRAWING NUMBER
GR-3



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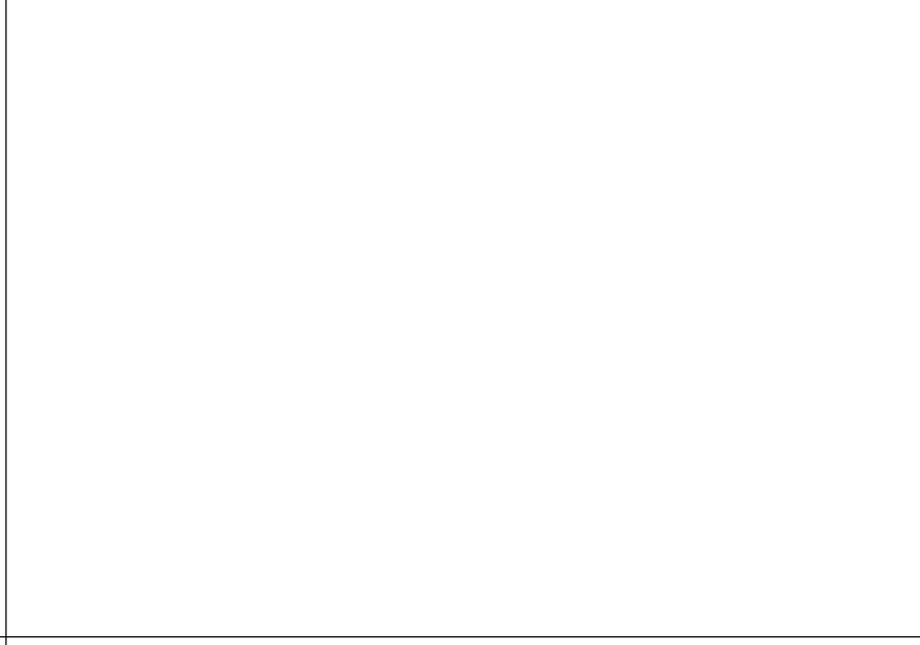
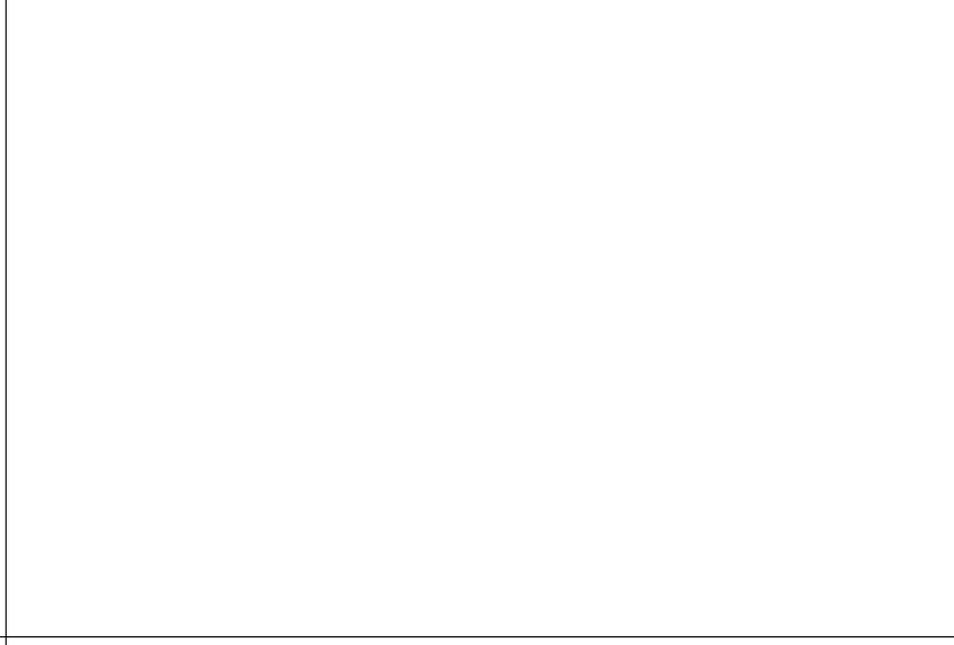
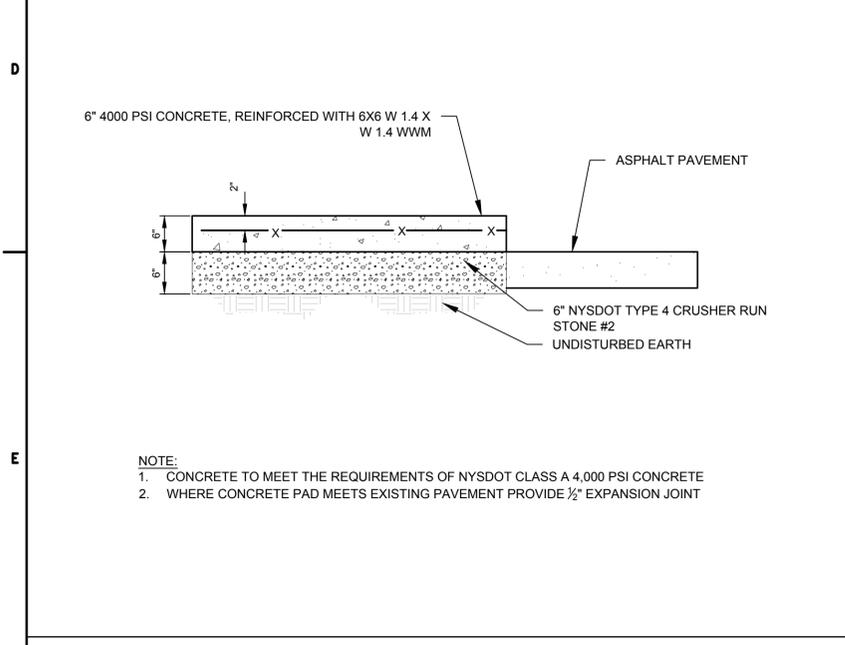


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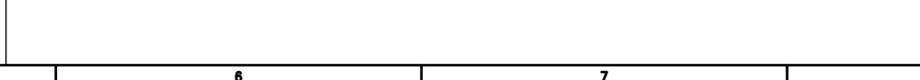


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DRAWING TITLE
MISCELLANEOUS DETAILS

DRAWING NUMBER
DT-1





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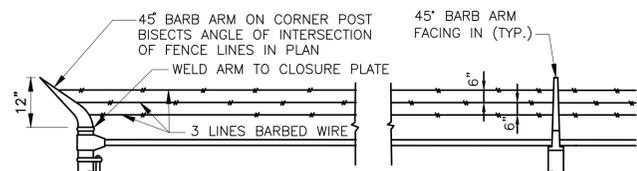
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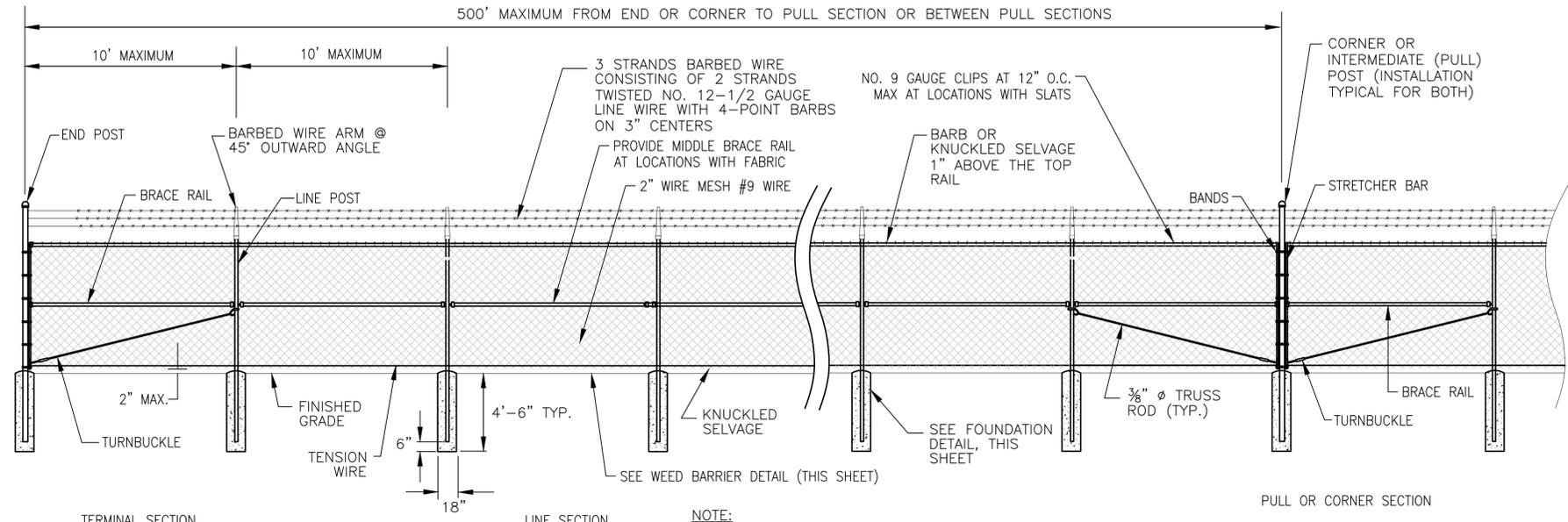
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14 OF 19

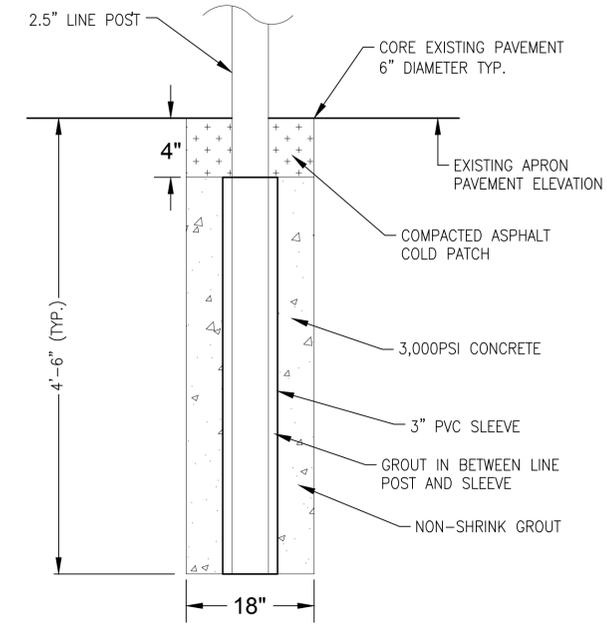


BARBED WIRE DETAIL



8 FOOT SECURITY FENCE DETAIL

NOT TO SCALE



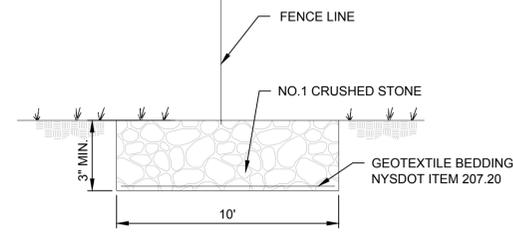
8 FOOT SECURITY FENCE FOUNDATION DETAIL

NOT TO SCALE

USE	SECTION	STEEL		
		NOM. SIZE (INCHES)	O.D. (INCHES)	WEIGHT (LBS/FT)
END CORNER AND INTERMEDIATE POSTS FOR FENCES LESS THAN 8'	CLASS A SCHEDULE 40 PIPE	2.50	2.88	5.79
BRACE RAILS FOR FENCES 6' AND OVER	CLASS A SCHEDULE 40 PIPE	1.25	1.66	2.27
TOP RAIL	CLASS A SCHEDULE 40 PIPE	1.25	1.66	2.27
LINE POSTS FOR FENCES GREATER THAN 6' AND EQUAL TO OR LESS THAN 8'	CLASS A SCHEDULE 40 PIPE	2.50	2.88	5.79
GATE POSTS	CLASS A SCHEDULE 40 PIPE	4.00	4.50	10.79

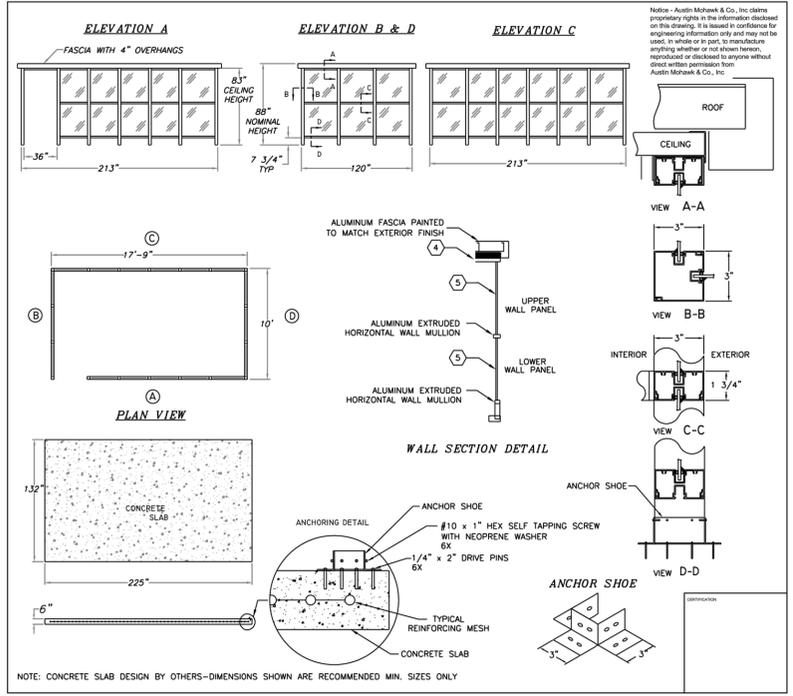
POST AND RAIL SCHEDULE FOR 8 FOOT SECURITY FENCE

NOT TO SCALE



WEED BARRIER DETAIL

NOT TO SCALE



BUS SHELTER (ADD-ALT A-2)

NOT TO SCALE

STANDARD ALUMINUM SHELTER
10' x 18'

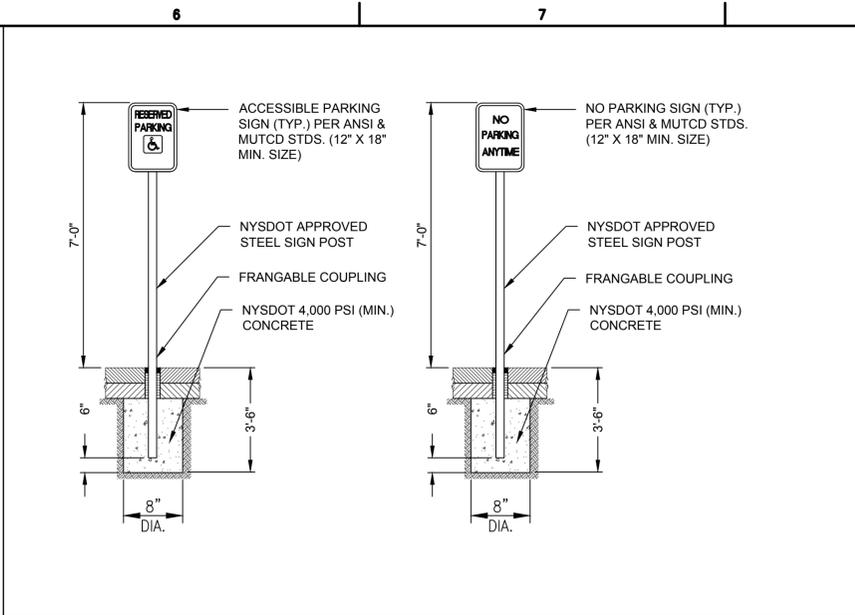
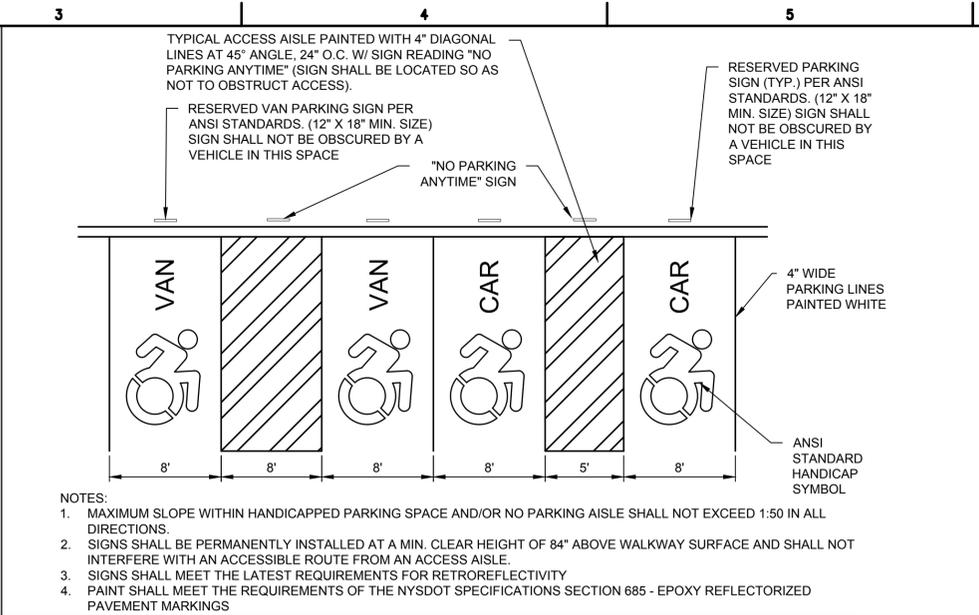
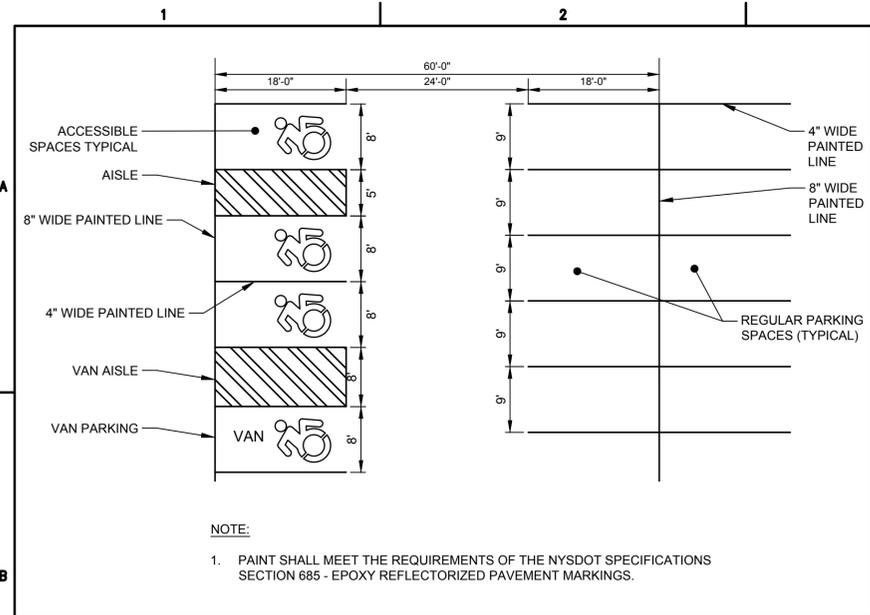
AUSTIN MOHAWK
engineered building systems

AUSTIN MOHAWK & CO., INC.
2175 BEECHGROVE PLACE
LITICA, NY 13501
PHONE: 315.793.3300
TOLL FREE: 1.800.765.3110
FAX: 315.793.3310
WEBSITE: www.austinmohawk.com
E-mail: info@austinmohawk.com

TITLE:	10' x 18' ALUMINUM SHELTER
JOB NO:	Quoto # XXXX
LOCATION:	TBD
MO. NO.:	ALS1018G30
COLOR:	Quaker Bronze
DATE:	XXXXX
DESIGN BY:	XXXXX
APPROVED BY:	XXXXX
SCALE:	1/4" = 1'
SHEET:	2 of 2

- NOTES:
- BUS SHELTER SHALL BE AUSTIN MOHAWK ALS1018G30 IN A QUAKER BRONZE FINISH OR AN ENGINEER APPROVED EQUAL STRUCTURE.
 - THE 6" CONCRETE PAD (132" x 225") SHALL BE INCLUDED IN THE BASE BID (A-1) AND THE BUS SHELTER STRUCTURE IS INCLUDED IN ADD ALT ITEM A-2.

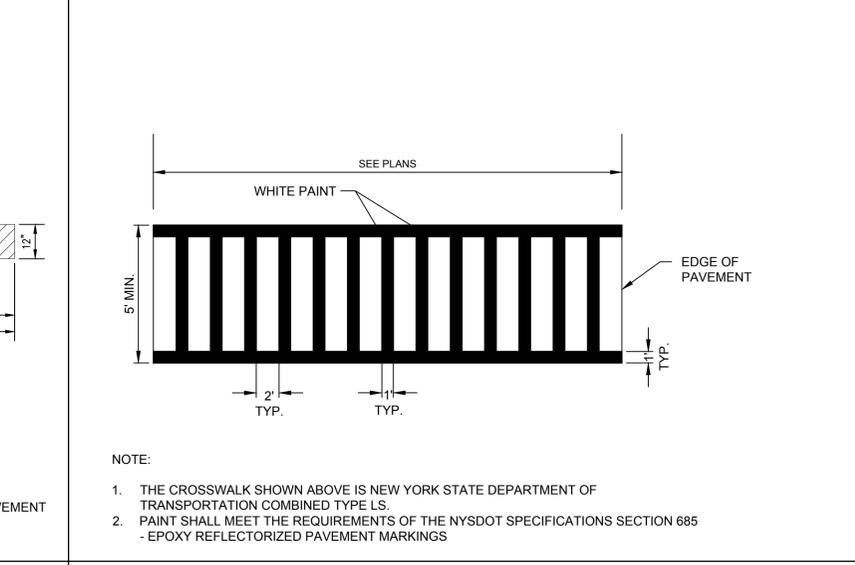
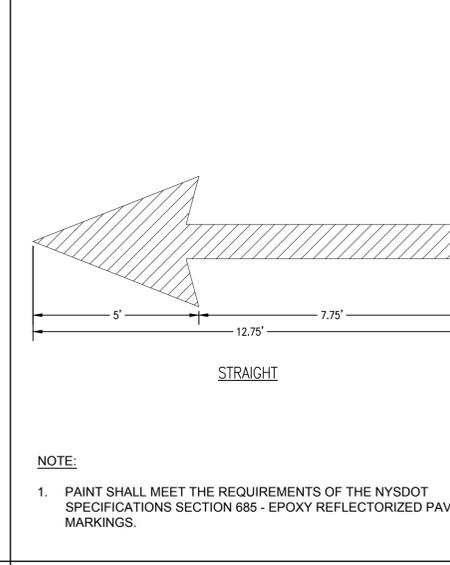
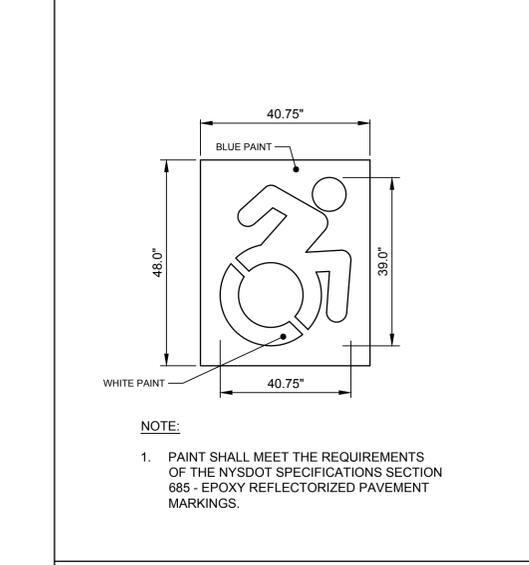
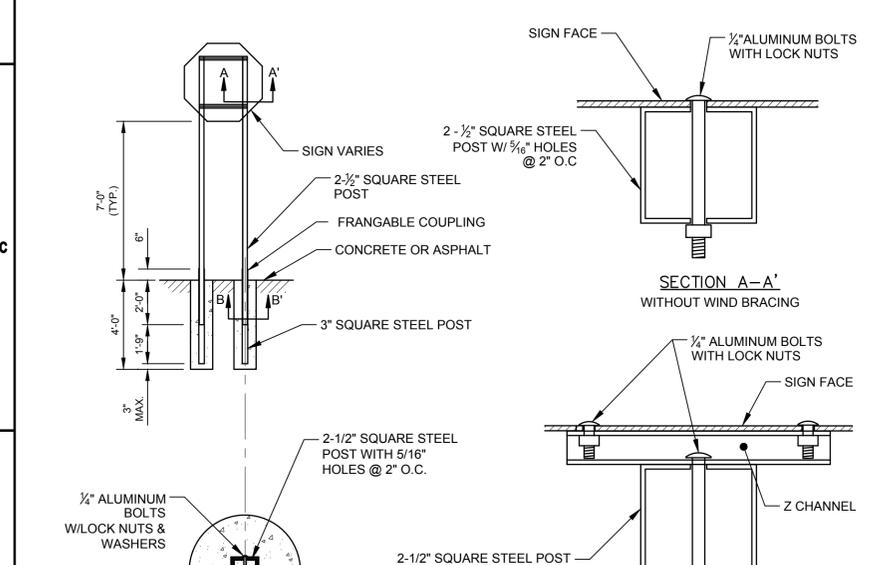
K:\SYRACUSE\18831.02 NEW PARKING LOTS - DESIGN\DRAWINGS\SHEET FILES\PARKING LOTS\118831.02.DWG



PARKING STRIPING DETAIL
NOT TO SCALE

ACCESSIBLE PARKING DETAIL
NOT TO SCALE

TYPICAL ACCESSIBLE/NO PARKING SIGN
NOT TO SCALE

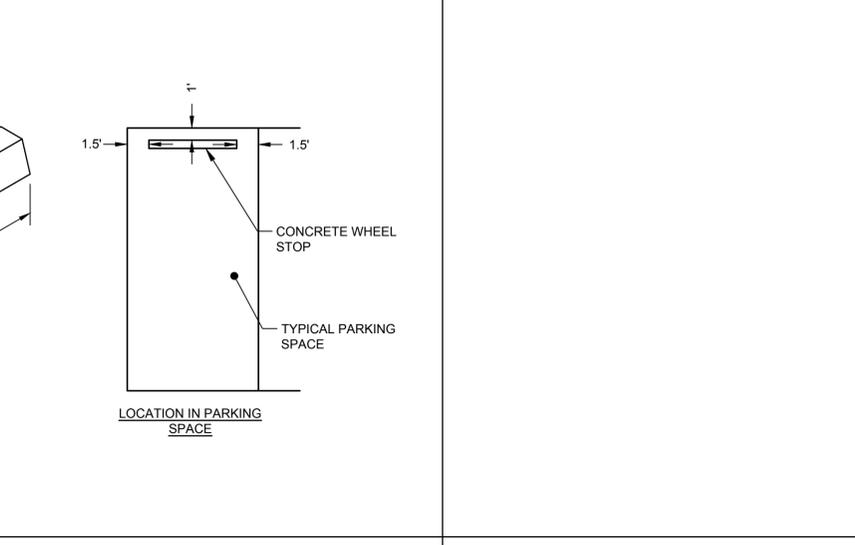
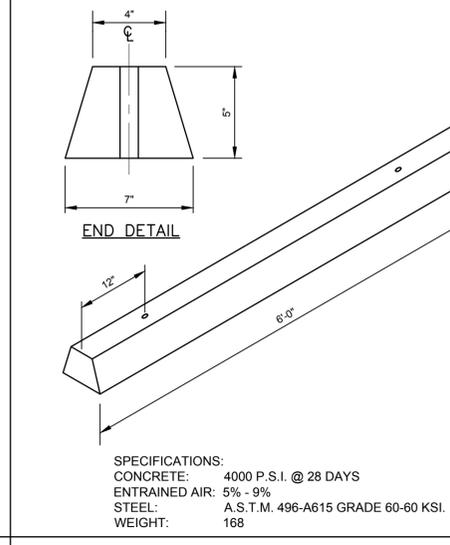
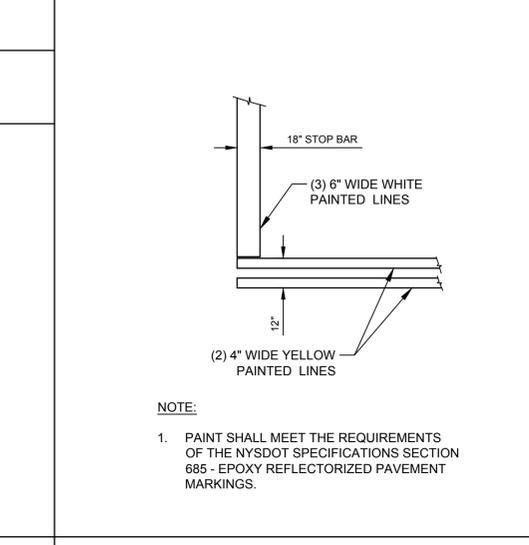
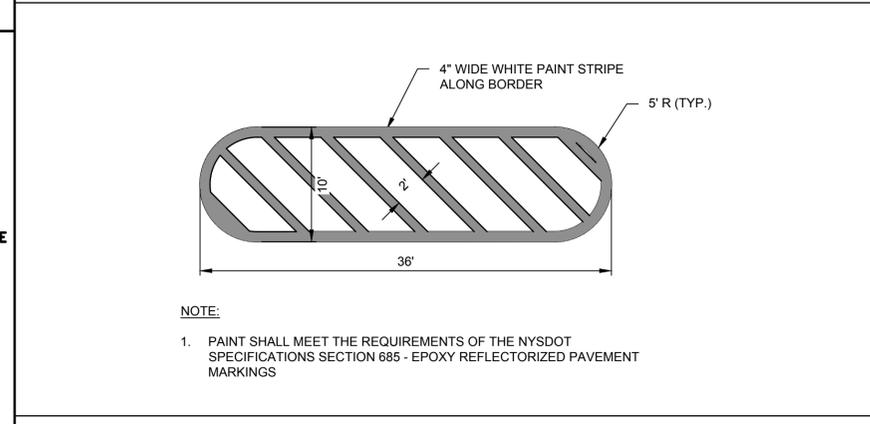


TYPICAL POST MOUNT SIGN INSTALLATION
NOT TO SCALE

ACCESSIBLE PARKING PAINTING DETAIL
NOT TO SCALE

TRAFFIC FLOW PAVEMENT MARKING
NOT TO SCALE

LADDER CROSSWALK STRIPING DETAIL
NOT TO SCALE



PAINTED ISLAND MARKING DETAIL
NOT TO SCALE

STOP BAR PAINTING DETAIL
NOT TO SCALE

WHEEL STOP DETAIL
NOT TO SCALE

CONCRETE WHEEL STOP AND TYPICAL PARKING SPACE

McFarland Johnson
Engineers, Planning & Construction Administration
15 FISHERS ROAD, SUITE 200
PITTSFORD, NEW YORK 14534
P:585-905-0970 F:585-905-0882
Pittsford@mjinc.com

PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWING TITLE
MISCELLANEOUS DETAILS

DRAWING NUMBER
DT-3

15 OF 19

PROJECT MILESTONE

FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
**SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN**

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SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

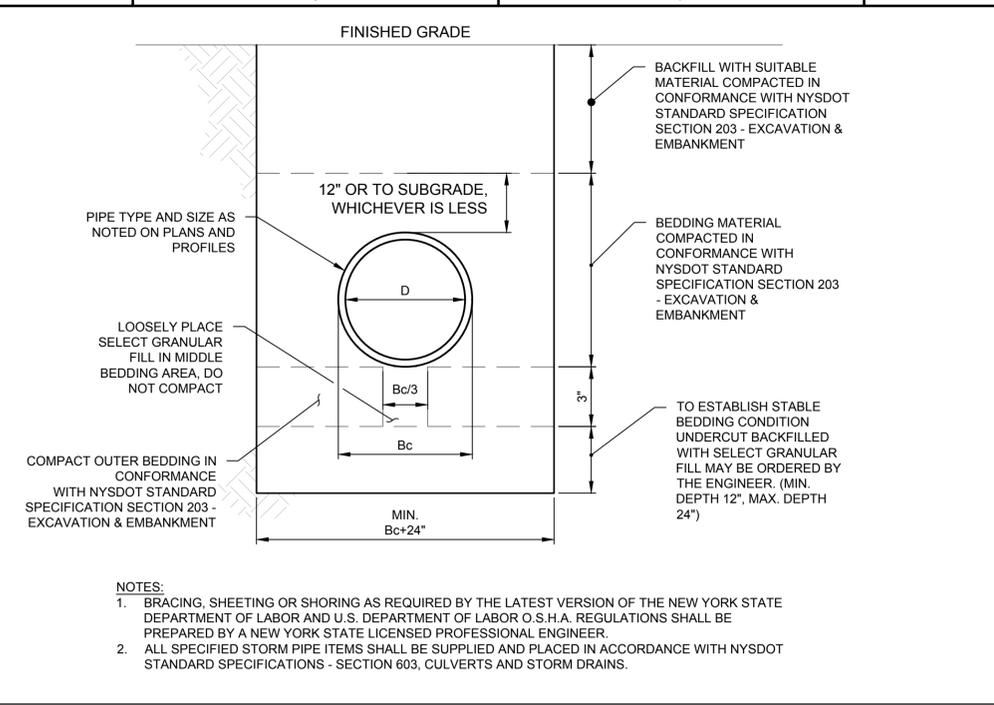
BID SET

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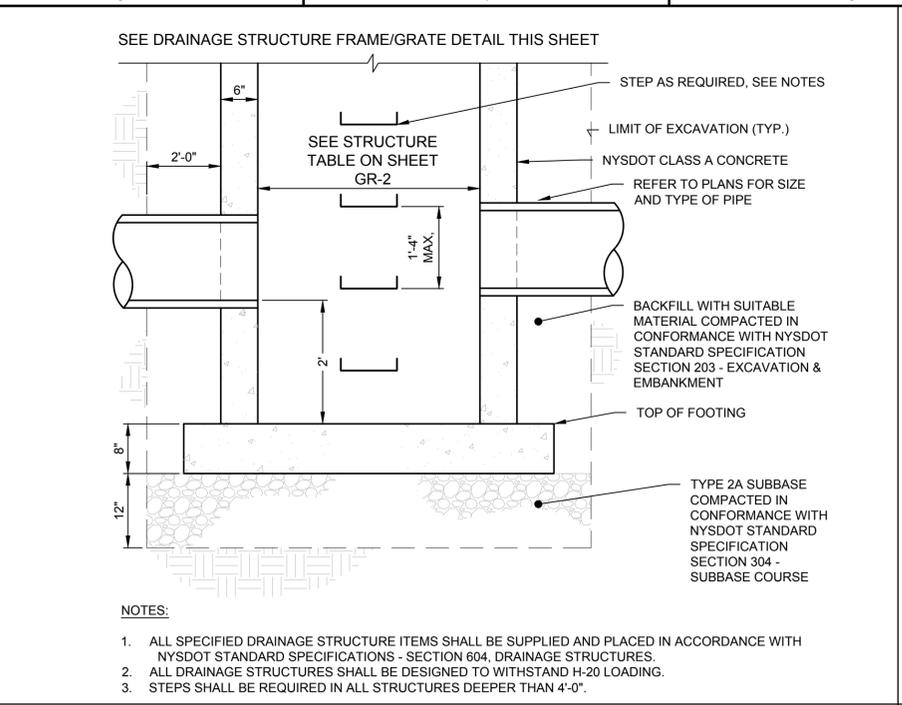
DRAWING TITLE
MISCELLANEOUS DETAILS

DRAWING NUMBER
DT-4

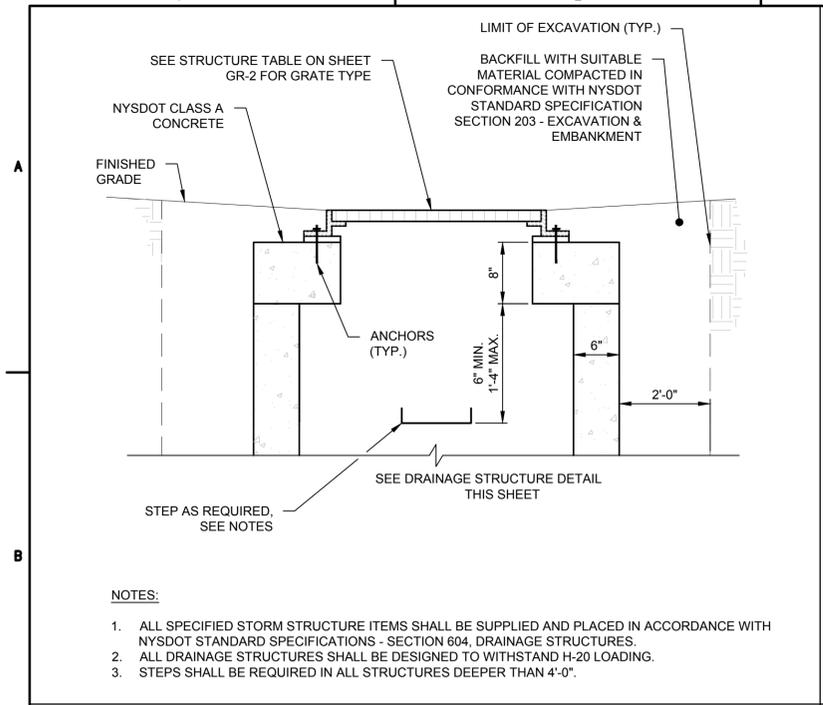
16 OF 19



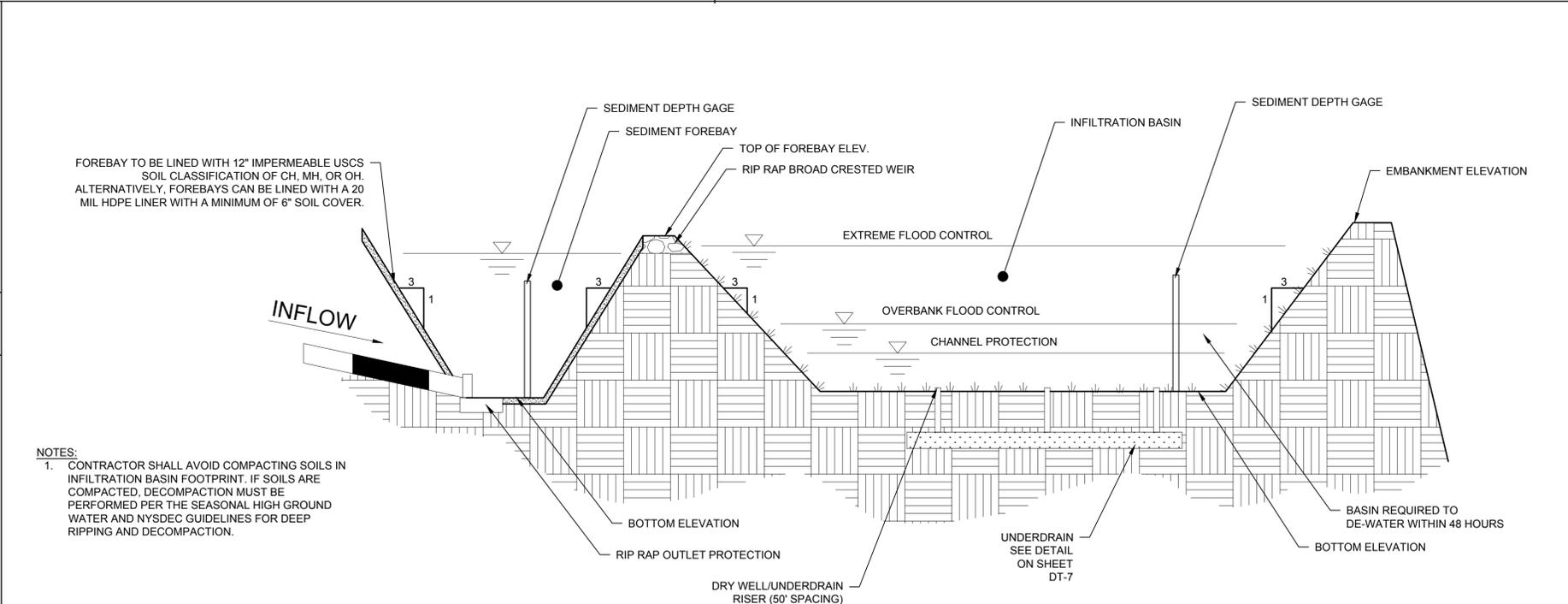
DRAINAGE PIPE BEDDING
NOT TO SCALE



DRAINAGE STRUCTURE
NOT TO SCALE



DRAINAGE STRUCTURE FRAME/GRATE
NOT TO SCALE



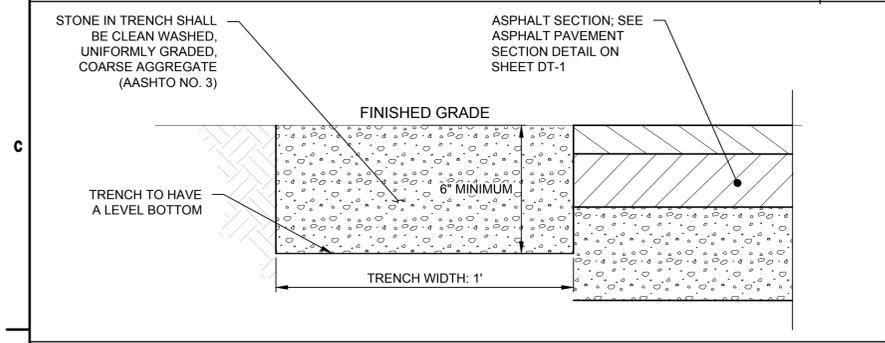
INFILTRATION BASIN ELEV. (FT)

IDENTIFIER NUMBER	1
EMBANKMENT ELEV.	414.5
BOTTOM ELEV.	412.0
EXTREME FLOOD CONTROL ELEV.	414.49
OVERBANK FLOOD CONTROL ELEV.	413.8
CHANNEL PROTECTION ELEV.	412.96
SEDIMENT CLEANOUT ELEV.	-
WEIR/SPILLWAY ELEV.	413.8

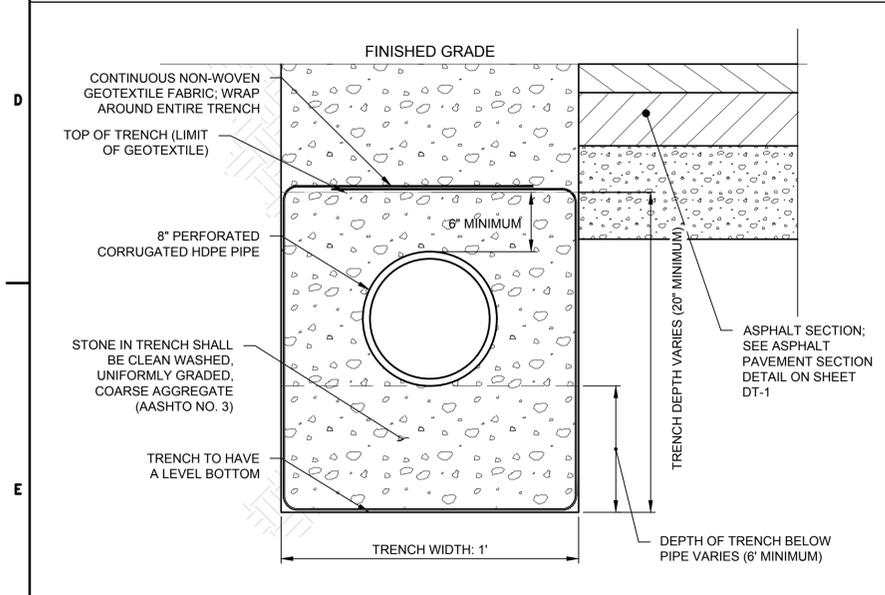
FOREBAY ELEV. (FT)

IDENTIFIER NUMBER	1	2
TOP ELEV.	414.50	414.5
BOTTOM ELEV.	412.5	411.5
EXTREME FLOOD CONTROL ELEV.	414.3	414.71
OVERBANK FLOOD CONTROL ELEV.	414.19	414.46
CHANNEL PROTECTION ELEV.	414.1	414.3
SEDIMENT CLEANOUT ELEV.	-	-
WEIR/SPILLWAY ELEV.	413.9	413.9

SEDIMENTATION AND INFILTRATION BASIN DETAIL
NOT TO SCALE



STONE FILTER DIAPHRAGM TRENCH DETAIL
NOT TO SCALE



STONE FILTER DIAPHRAGM TRENCH & PIPE DETAIL
NOT TO SCALE



McFarland Johnson
 Engineers, Planning & Construction Administration
 15 FISHERS ROAD, SUITE 200
 PITTSFORD, NEW YORK 14534
 P: 585-905-0970 F: 585-905-0882
 Pittsford@mjc.com

PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 1000 COLONEL EILEEN COLLINS BOULEVARD
 SYRACUSE, NEW YORK 13212

PROJECT:
**SURFACE PARKING LOT EXPANSIONS
 LOT #1 DESIGN**

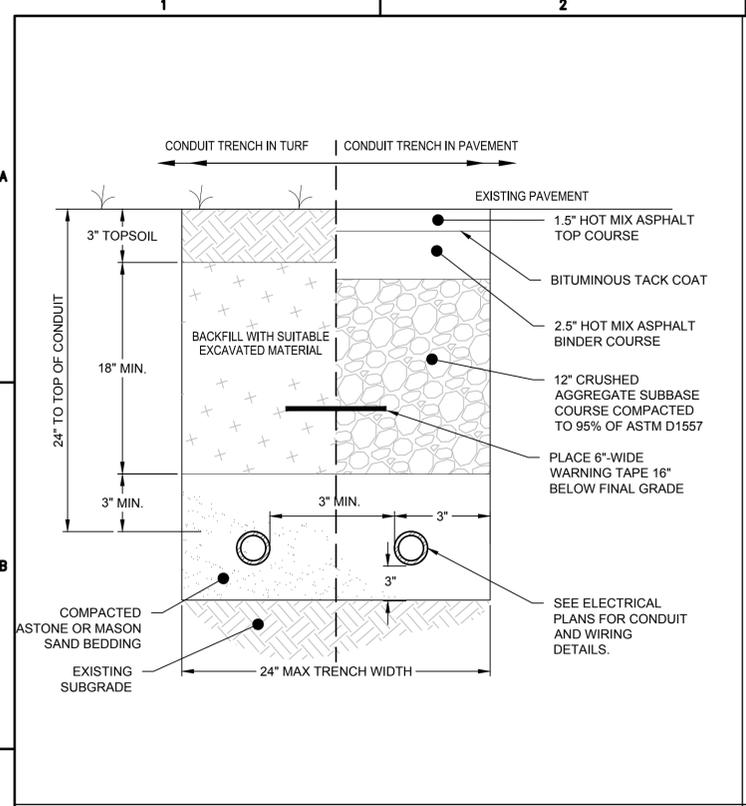
DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

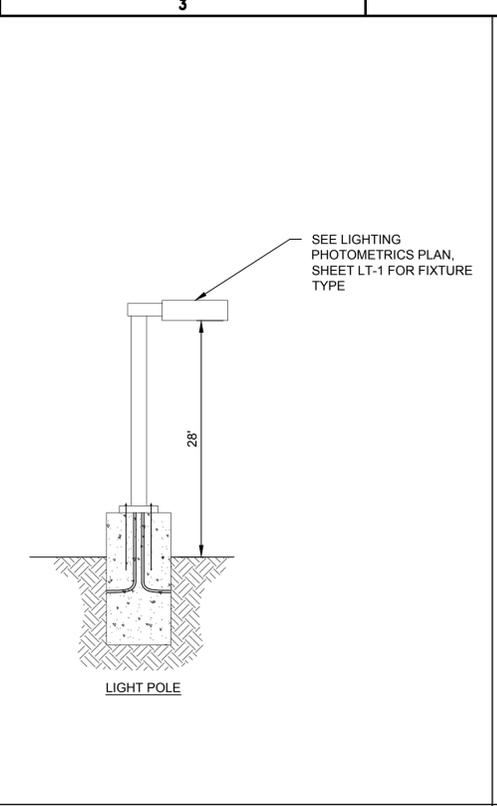
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DRAWING TITLE
MISCELLANEOUS DETAILS

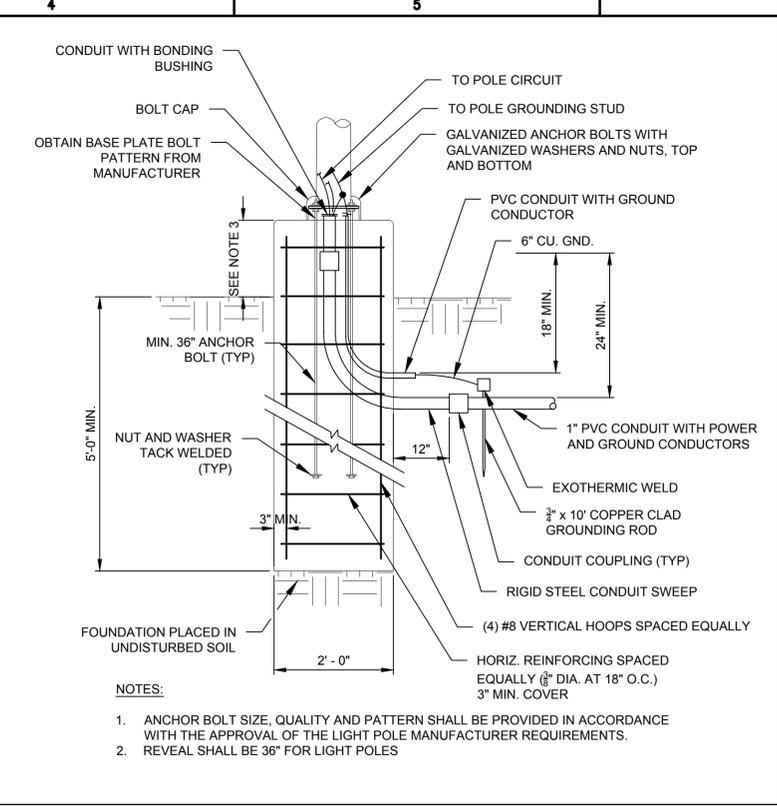
DRAWING NUMBER
DT-5
 17 OF 19



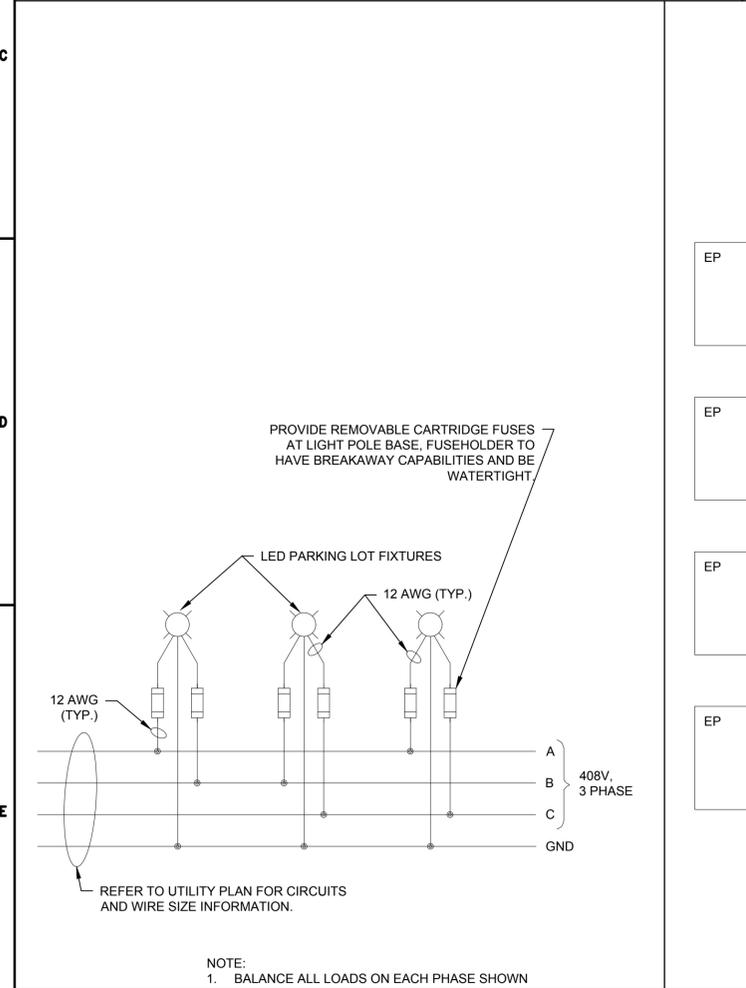
CONDUIT TRENCH DETAIL
 NOT TO SCALE



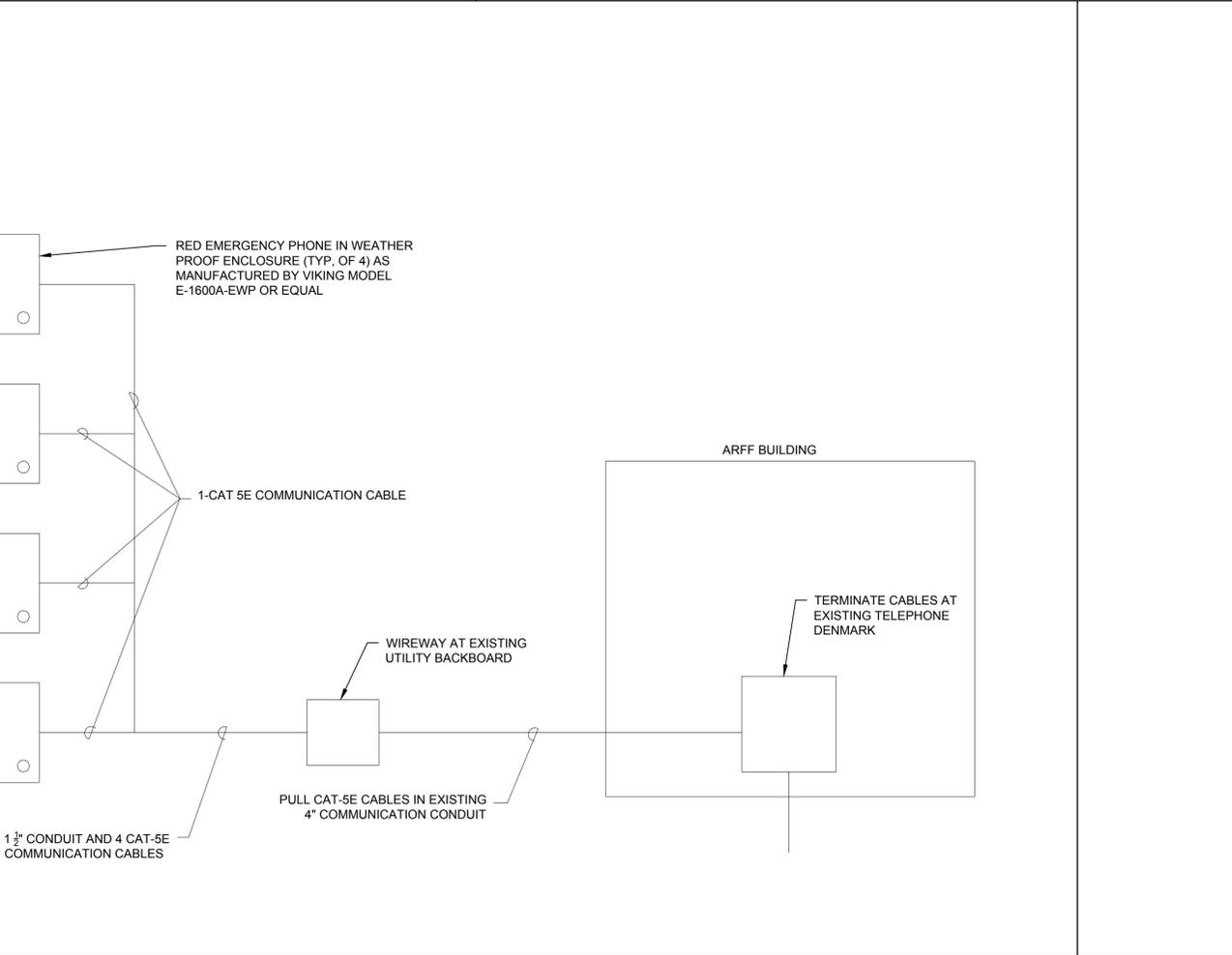
LIGHT POLE DETAIL
 NOT TO SCALE



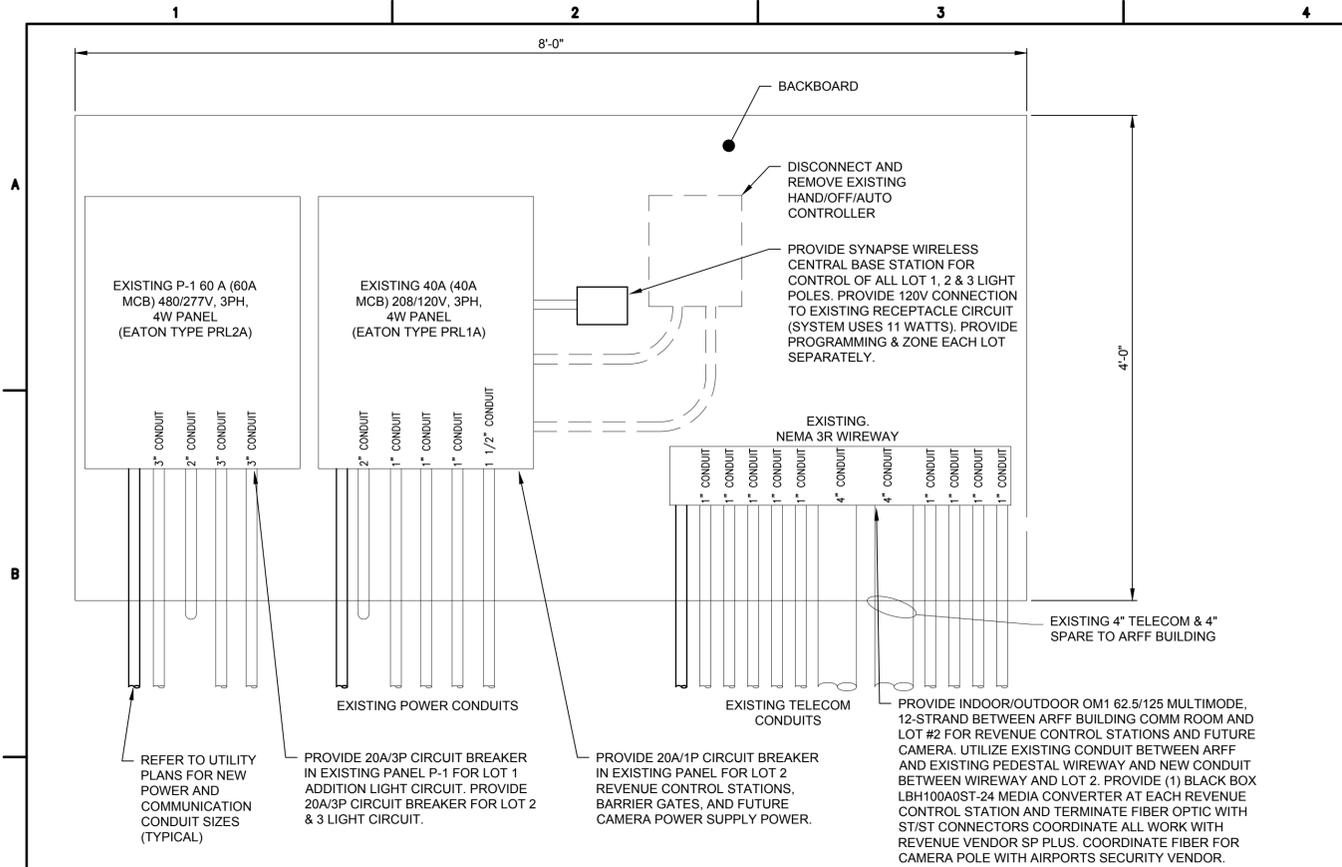
CONCRETE LIGHT POLE BASE DETAIL
 NOT TO SCALE



FIXTURE WIRING DIAGRAM
 NOT TO SCALE



EMERGENCY PHONE SYSTEM
 NOT TO SCALE



WEST ELEVATION (LOOKING EAST EXISTING BACK BOARD)
NOT TO SCALE

- ELECTRICAL GENERAL NOTES**
NOT TO SCALE
1. ALL ELECTRICAL WORK SHALL CONFORM TO ALL STATE, LOCAL, AND NATIONAL ELECTRICAL CODES.
 2. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
 3. ITEMS OF SPECIFIC MANUFACTURER'S SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS.
 4. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND DIMENSIONS SHOWN ON THE DRAWINGS.
 5. ALL CONDUIT AND WIRING SCHEDULES SHALL BE VERIFIED BEFORE INSTALLATION.
 6. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL EQUIPMENT WITH OTHER CONTRACTORS.
 7. ALL AREAS DISTURBED BY WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN ORIGINAL AS DETERMINED BY THE ENGINEER.
 8. THE CONTRACTOR SHALL PROVIDE RACEWAYS, WIRING, AND CONNECTIONS FOR ALL CONTROL CIRCUITS AND INTERLOCKS.
 9. ALL ELECTRICAL CONDUIT AND CONDUCTORS DISCONNECTED AND NOT REUSED SHALL BE REMOVED.
 10. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE STARTING WORK. IF ONLY A PORTION OF AN EXISTING CIRCUIT IS BEING REMOVED FOR DEMOLITION, CONTINUITY SHALL BE MAINTAINED TO THE REST OF THE REMAINING CIRCUIT.

PROJECT MILESTONE

FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #1 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

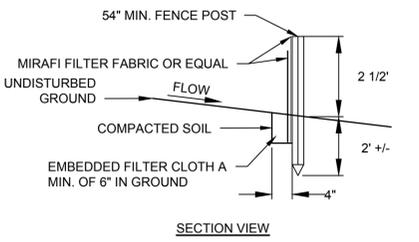
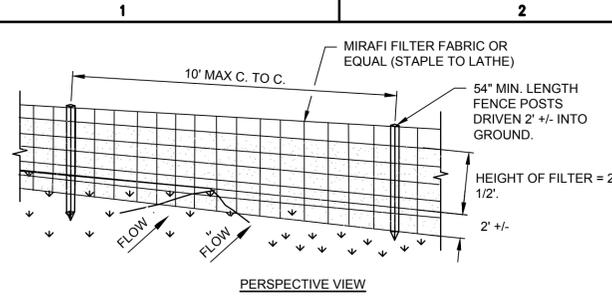
BID SET

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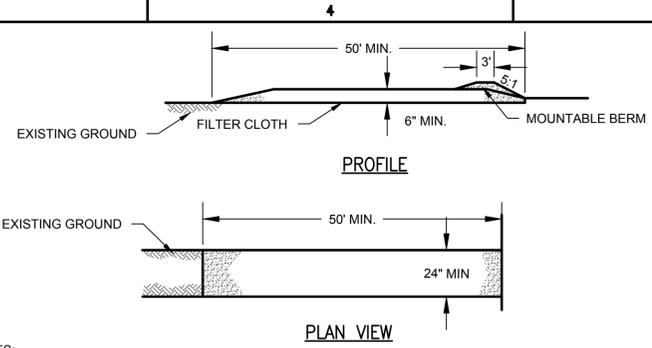
DRAWING NUMBER
DT-6

18 OF 19



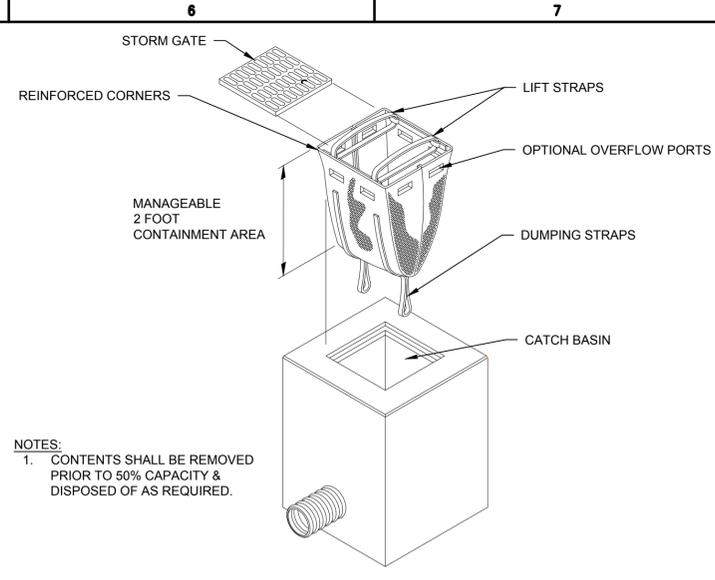
- NOTES:**
- MIRAFI FILTER FABRIC TO BE SECURED TO FENCE POSTS WITH STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE
N.T.S.



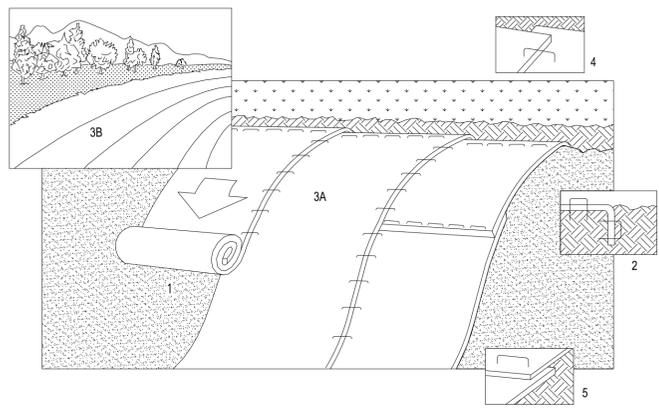
- NOTES:**
- STONE SIZE - USE #3 CRUSHED STONE OR GRAVEL (PER NYSDOT SECTION 209).
 - LENGTH - NOT LESS THAN 50 FEET.
 - THICKNESS - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
 - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



- NOTES:**
- CONTENTS SHALL BE REMOVED PRIOR TO 50% CAPACITY & DISPOSED OF AS REQUIRED.

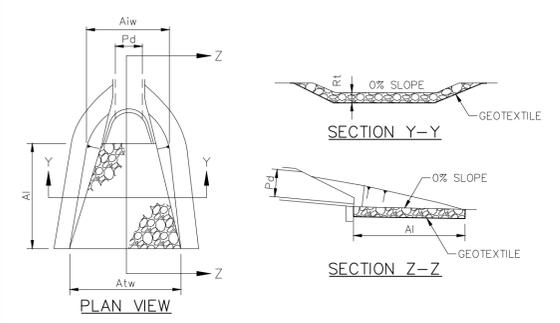
INLET PROTECTION
N.T.S.



- INSTALLATION OF GEOSYNTHETIC EROSION CONTROL MATS:**
- EROSION CONTROL MATS SHALL BE UTILIZED ON ALL SLOPES OF 3:1 OR GREATER REQUIRING PERMANENT STABILIZATION.
 - SLOPES SHALL BE PREPARED AND EROSION CONTROL MATS SHALL BE INSTALLED, ANCHORED AND SOIL FILLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION PROCEDURES.
 - SEEDING SHALL BE COMPLETED IN ACCORDANCE WITH THE NYSDOT SEEDING SPECIFICATION SECTION 610 PRIOR TO PLACEMENT OF THE EROSION CONTROL MAT. A SECOND APPLICATION OF PERMANENT SEEDING SHALL BE APPLIED AFTER THE MAT IS IN PLACE, PRIOR TO SOIL FILLING THE MAT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE, RESEEDING AND REPAIR OF MATS AND SLOPES UNTIL PERMANENT STABILIZATION IS ACHIEVED.

- NOTES:**
- REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. SEEDING SHALL BE COMPLETED IN ACCORDANCE WITH NYSDOT SEEDING SPECIFICATION SECTION 610. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 - ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.
 - THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
 - WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
 - MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL SUPERCEDE THIS DETAIL.

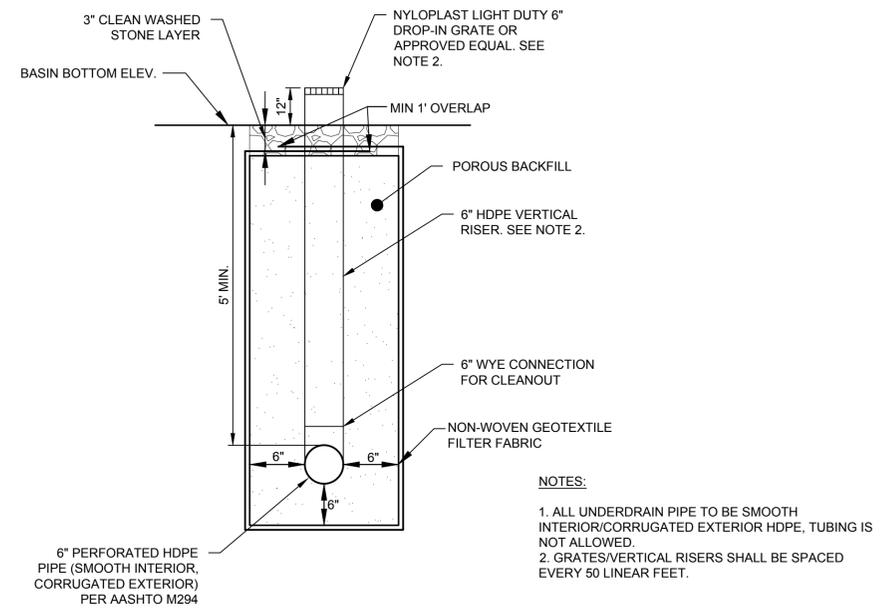
EROSION CONTROL MAT INSTALLATION
N.T.S.



OUTLET NOS.	PIPE DIA Pd (IN)	RIPRAP		APRON		
		SIZE R-3	THICK. Rt (FT)	LENGTH Ai (FT)	INITIAL WIDTH Aiw (FT)	TERMINAL WIDTH Atw (FT)
ES1-1	12	3	1.5	1.75	1	2
ES2-1	24	3	1.5	3.41	2.3	4

- NOTES:**
- ALL APRONS SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN. TERMINAL WIDTHS SHALL BE ADJUSTED AS NECESSARY TO MATCH RECEIVING CHANNELS.
- ALL APRONS SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RUNOFF EVENT. DISPLACED RIPRAP WITHIN THE APRON SHALL BE REPLACED IMMEDIATELY.

RIP RAP APRON AT PIPE OUTLET W/ FLARED END SECTION
NOT TO SCALE



- NOTES:**
- ALL UNDERDRAIN PIPE TO BE SMOOTH INTERIOR/CORRUGATED EXTERIOR HDPE, TUBING IS NOT ALLOWED.
 - GRATES/VERTICAL RISERS SHALL BE SPACED EVERY 50 LINEAR FEET.

INFILTRATION BASIN UNDERDRAIN DETAIL

STORMWATER MANAGEMENT PRACTICE - INFILTRATION BASIN #1

PROJECT IDENTIFICATION - SPDES CONSTRUCTION PERMIT # NYRXXXXXX

MUST BE MAINTAINED IN ACCORDANCE WITH O&M PLAN

DO NOT REMOVE OR ALTER

WARNING

SWIMMING, WADING, AND SKATING IS PROHIBITED

POSSIBLE CONTAMINATION OR POLLUTION OF POND WATER

MAXIMUM POND DEPTH IS 2.5 FEET

- NOTES:**
- METAL SIGNS WITH GREEN BACKGROUND AND WHITE LETTERING.
 - SIGNS SHALL BE MINIMUM OF 12" X 24".
 - SEE SHEET SP-1 FOR LOCATION, ORIENTATION AND QUANTITY

SIGNAGE FOR STORMWATER PRACTICE

McFarland Johnson
Engineers, Planning & Construction Administration

15 FISHERS ROAD, SUITE 200
PITTSFORD, NEW YORK 14534
P:585-905-0970 F:585-905-0882
Pittsford@mjinc.com

PROJECT MILESTONE

FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS LOT #1 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	AS NOTED
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

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DRAWING TITLE
MISCELLANEOUS DETAILS

DRAWING NUMBER
DT-7