

SYRACUSE HANCOCK INTERNATIONAL AIRPORT SURFACE PARKING LOT EXPANSIONS - LOT #3 DESIGN



LOCATION MAP

FINAL PLANS
AUGUST 2022

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



VICINITY MAP

PREPARED FOR:



SYRACUSE REGIONAL AIRPORT AUTHORITY
1000 COLONEL EILEEN COLLINS BOULEVARD
SYRACUSE, NEW YORK 13212
(315) 454-3263
WWW.SYRAIRPORT.ORG

PREPARED BY:



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SEALED	ADAM J. FROSINO	BID SET
PE_NO	088870	
PE_DATE	AUGUST 2022	

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.

MJ PROJECT NO.: 18831.02

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 NYS DOT 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 NYS DOT 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 CLOSURE THAT WOULD BE AFFECTED BY UNFORESEEN MAJOR EVENTS THAT MAY CREATE TRAFFIC DELAYS SEVEN (7)

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 NOT 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. BEGIN UTILITY INSTALLATION AND BACKFILL. UTILITY INSTALLATION AREA SHALL BE STABILIZED WITH SEED AND MULCH PROGRESSIVELY AT THE END OF EACH WORK DAY.
12. CONSTRUCT CULVERTS, CATCH BASINS, AREA INLETS AND STORM SEWER MANHOLES, AS SHOWN ON THE PLANS.
13. INSTALL INLET/OUTLET PROTECTION PROGRESSIVELY AS THE STORM SEWER IS INSTALLED.
14. AS LANDSCAPED AREAS ARE BROUGHT TO GRADE, STABILIZE WITH TOPSOIL, SEED AND MULCH PER SPECIFICATIONS.
15. FINALIZE PAVEMENT SUB-GRADE PREPARATION.
16. INSTALL SUBBASE AND ASPHALT MATERIAL AS REQUIRED FOR PAVEMENT.
17. 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.
18. 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 MULTI-LANE RAMP, 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

Table with 4 columns: Bid Item, Description Of Item, Unit, Quantity. Title: *A-5 - PARKING LOT #3 CONSTRUCTION - ADD ALTERNATIVE. Rows include items like UNCLASSIFIED EXCAVATION AND DISPOSAL, EMBANKMENT IN PLACE, GEOTEXTILE SEPARATION FABRIC, etc.

McFarland Johnson logo and contact information: 15 FISHERS ROAD, SUITE 200 PITTSFORD, NEW YORK 14534 P:585-905-0970 F:585-905-0882 Pittsford@mjinc.com

PROJECT MILESTONE

FINAL PLANS

Table with 3 columns: NO., DATE, DESCRIPTION. Header row and several empty rows.

CLIENT: SYRACUSE HANCOCK INTERNATIONAL AIRPORT 1000 COLONEL EILEEN COLLINS BOULEVARD SYRACUSE, NEW YORK 13212 PROJECT: SURFACE PARKING LOT EXPANSIONS LOT #3 DESIGN

Table with 2 columns: Field Name, Value. Fields include DRAWN (LDW), DESIGNED (LDW), CHECKED (AJF), SCALE (AS NOTED), DATE (AUGUST 2022), PROJECT (18831.02)

BID SET

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DRAWING TITLE

GENERAL NOTES & QUANTITIES TABLE

DRAWING NUMBER

GN-1



McFarland Johnson
Engineers, Planning & Construction Administration

15 FISHERS ROAD, SUITE 200
PITTSFORD, NEW YORK 14534
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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 #3 DESIGN

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

BID SET

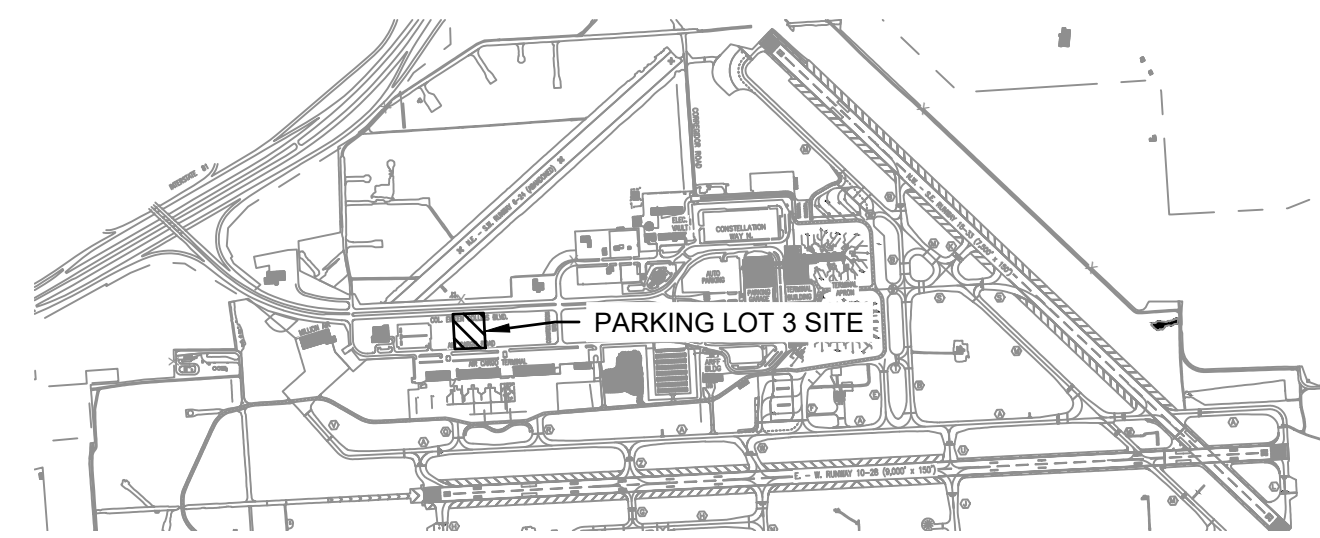
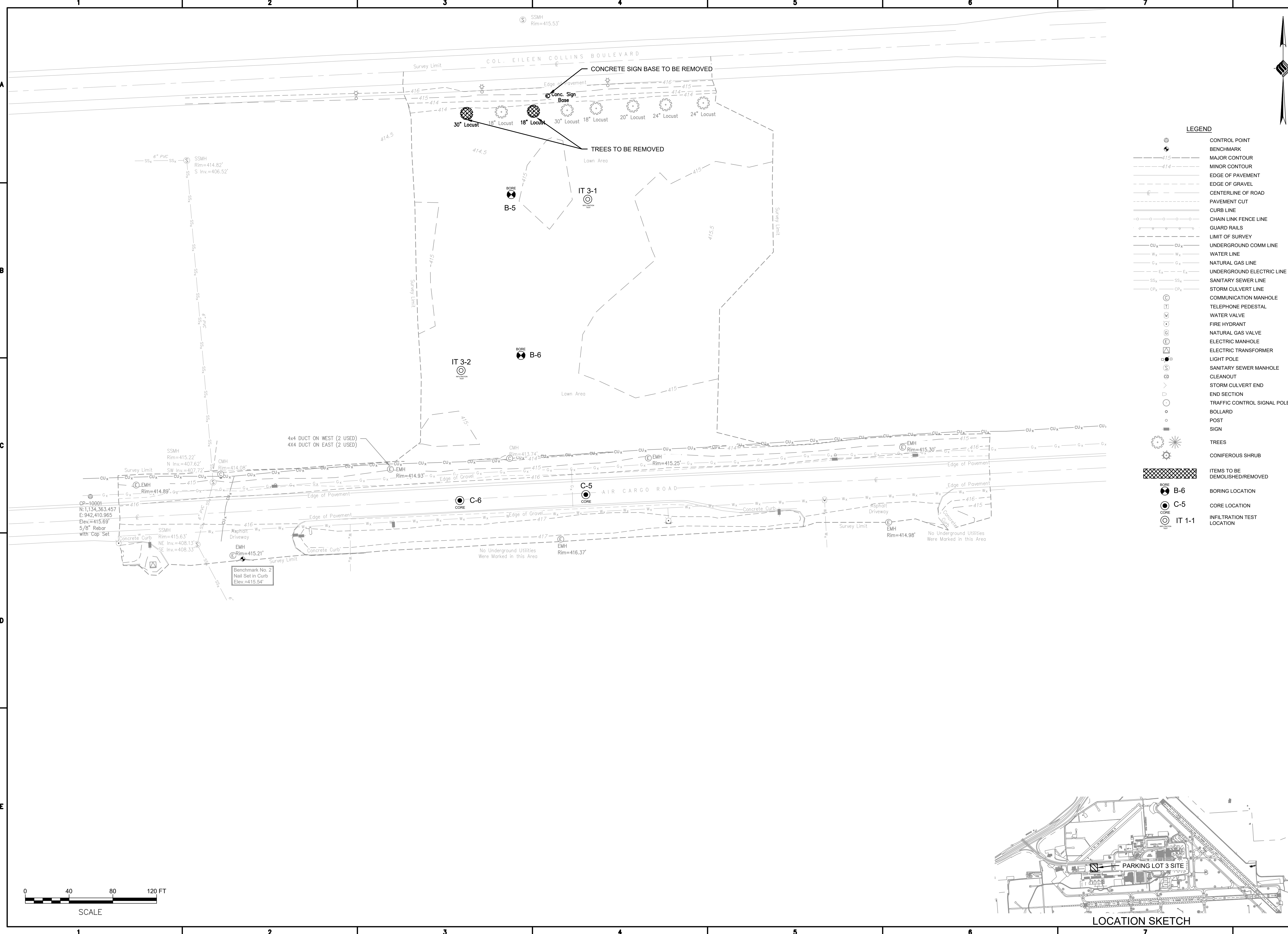
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DRAWING TITLE
EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING NUMBER

EX-1

2 OF 13



LOCATION SKETCH



McFarland Johnson
Engineers, Planning & Construction Administration

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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 #3 DESIGN**

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=50'
DATE	AUGUST 2022
PROJECT	18831.02

BID SET

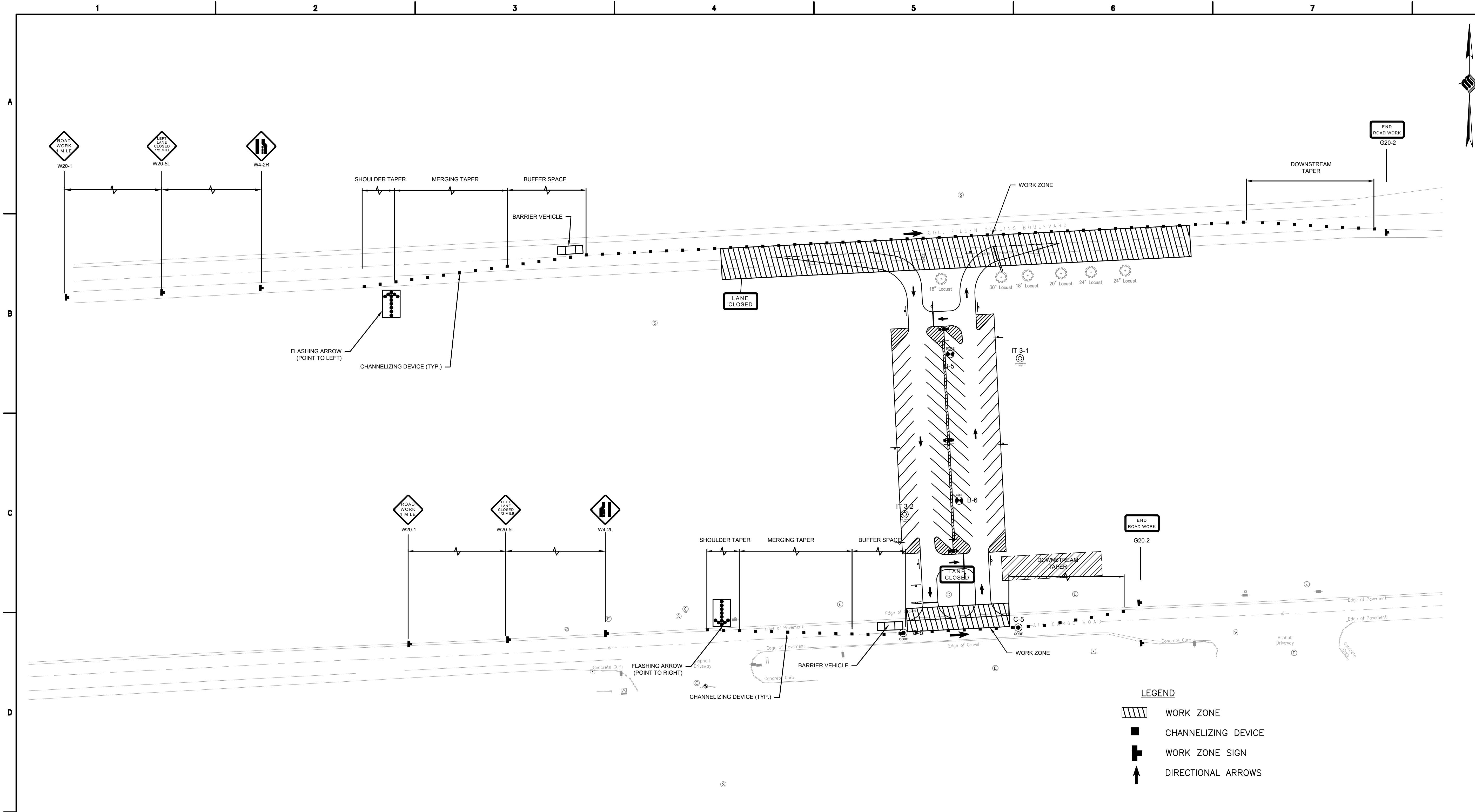
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DRAWING TITLE
**MAINTENANCE &
PROTECTION OF TRAFFIC
PLAN**

DRAWING NUMBER

MPT-1

3 OF 13



NOTES:

1. THIS DRAWING IS A SCHEMATIC LAYOUT FOR THE WORK ZONE LANE CLOSURES ONLY. REFER TO NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS 619-302 AND 619-304 FOR LAYOUT, DIMENSIONS, SIGNS AND SIGN SPACING, TYPES OF MATERIALS AND GENERAL REQUIREMENTS FOR THE WORK ZONE LANE CLOSURES.

2. WHEN MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.

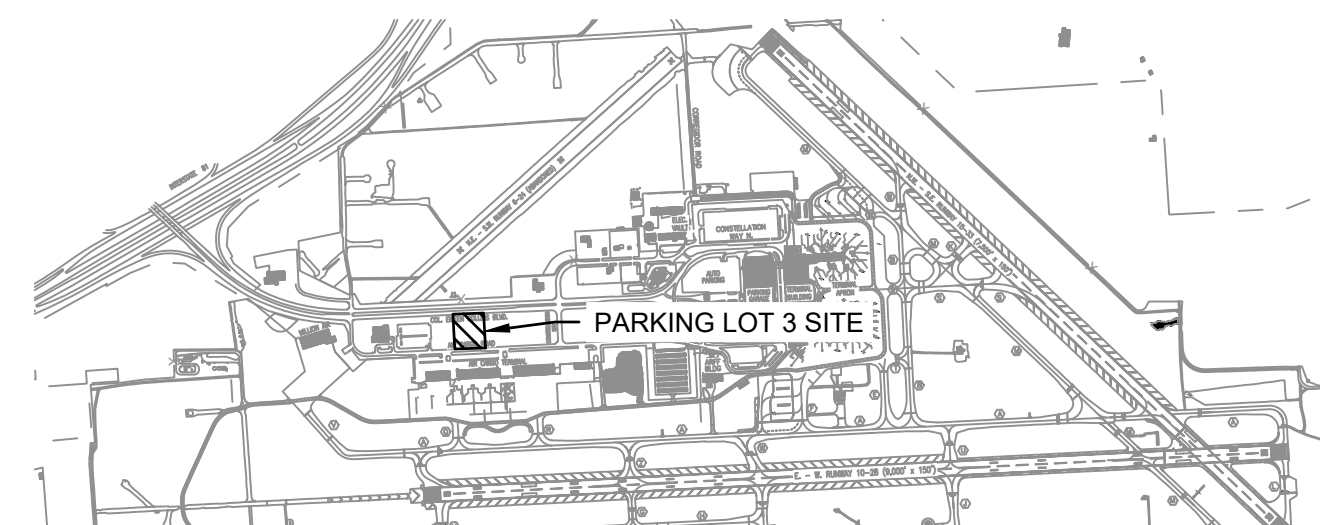
3. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE. BARRIER VEHICLES CAN BE USED TO SHORTEN BUFFER SPACE. FOR BARRIER USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES."

4. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE. SPACING SHALL BE 5' ON INTERSECTION AND DRIVEWAY RADII.

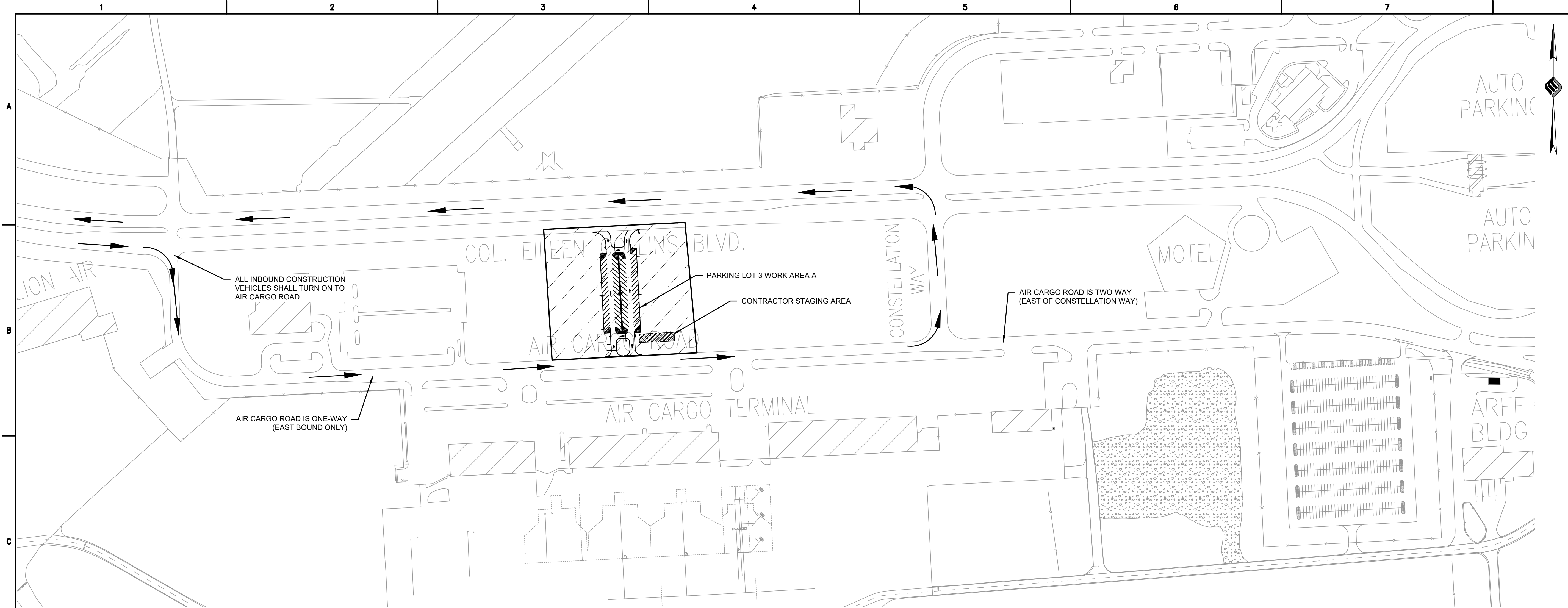
5. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON COL. EILEEN COLLINS BOULEVARD AND AIR CARGO ROAD THROUGHOUT CONSTRUCTION.

LEGEND

- WORK ZONE
- CHANNELIZING DEVICE
- WORK ZONE SIGN
- DIRECTIONAL ARROWS



LOCATION SKETCH



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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 #3 DESIGN

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

WORK ITEMS/SEQUENCE OF CONSTRUCTION - PHASE 1:

SEQUENCE	WORK ITEM
1.	MOBILIZE AND ESTABLISH CONTRACTOR STAGING AREA
2.	CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL ESC MEASURES
3.	MASS GRADING
4.	UTILITY INSTALLATIONS (CONDUITS, LIGHT POLE FOUNDATIONS, ETC.)
5.	SUBBASE PAVEMENT
6.	CONSTRUCT STORMWATER FACILITIES
7.	PAVE PARKING LOT
8.	PAVEMENT STRIPING
9.	ESTABLISH TURF

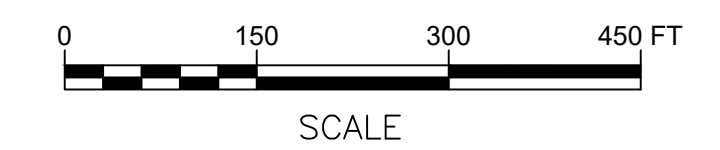
- GENERAL PHASING NOTES:**
- TEMPORARY CONSTRUCTION FENCE TO BE CONSTRUCTED PRIOR TO PARKING LOT CONSTRUCTION. THE SECURITY FENCE SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES.
 - CONSTRUCTION VEHICLES SHALL USE THE DESIGNATED HAUL ROUTE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION.

- WORK ITEMS THIS PHASE:**
- INSTALL NEW PARKING LOT AND SIGNAGE
 - INSTALL PAVEMENT MARKINGS

- FACILITIES DISABLED THIS PHASE:**
- N/A

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	60	NOTICE TO PROCEED	NONE	NONE	X	\$1,500/DAY OR PORTION THEREOF	NONE



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DRAWING TITLE
CONSTRUCTION SAFETY & PHASING PLAN

DRAWING NUMBER
CS-1
 4 OF 13



McFarland Johnson
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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 #3 DESIGN

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

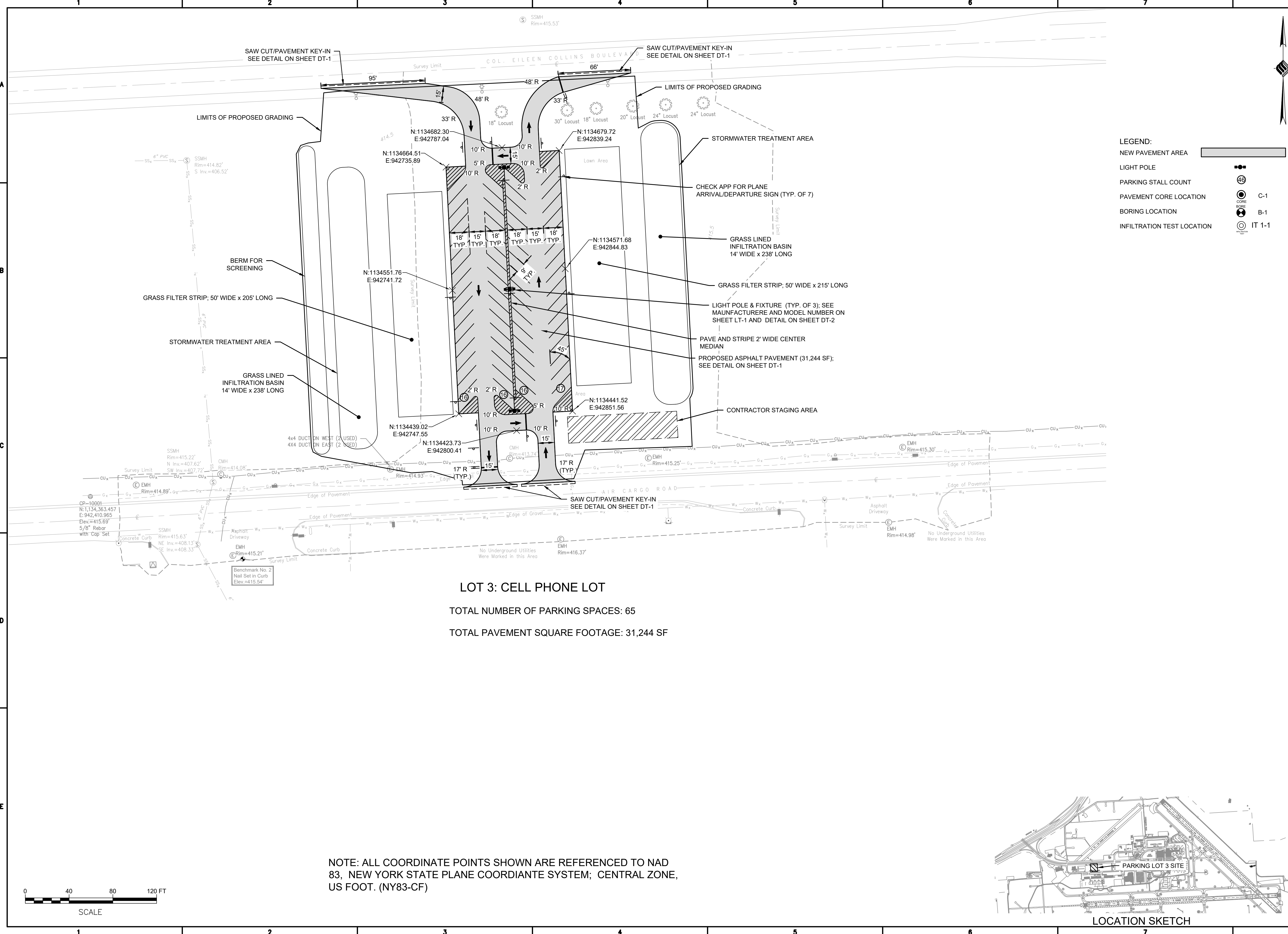
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DRAWING TITLE
SITE LAYOUT PLAN

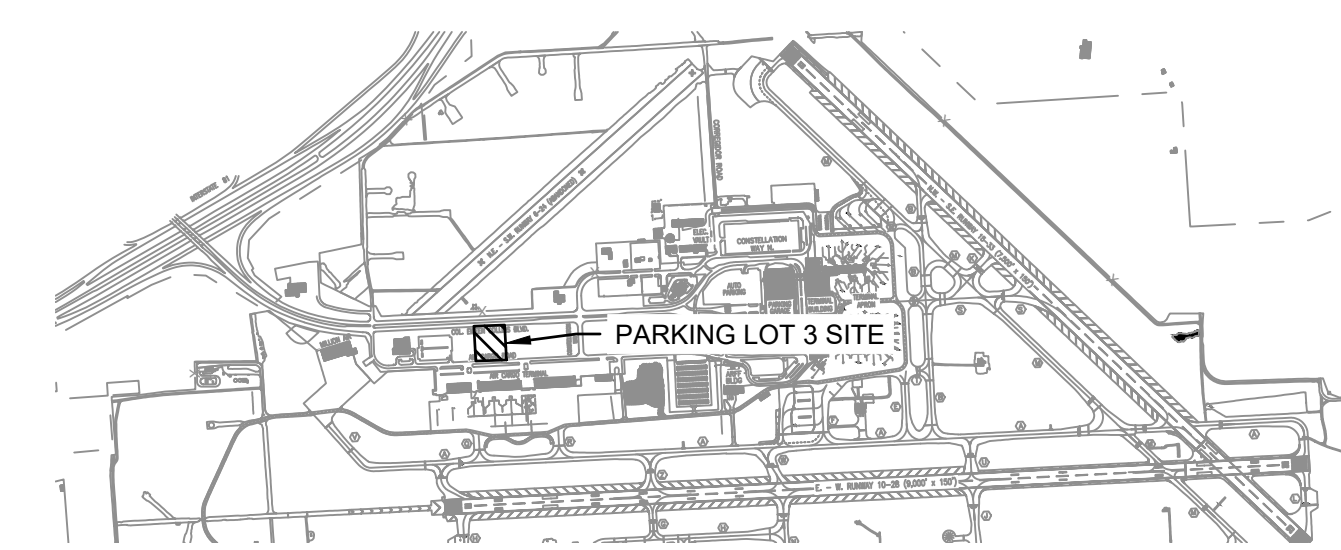
DRAWING NUMBER
SP-1

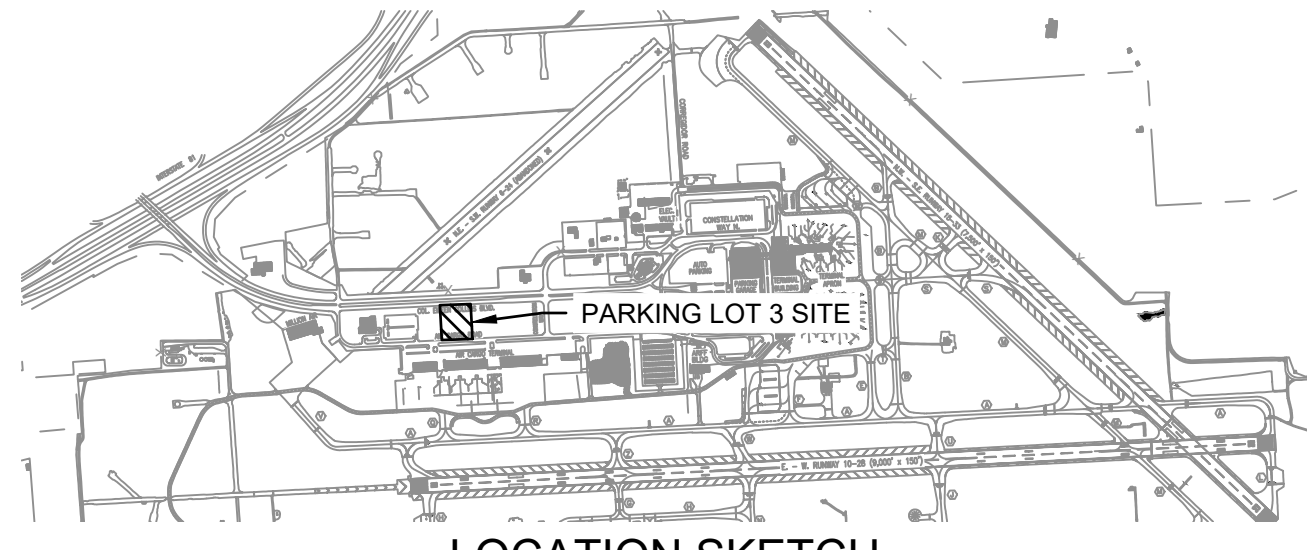
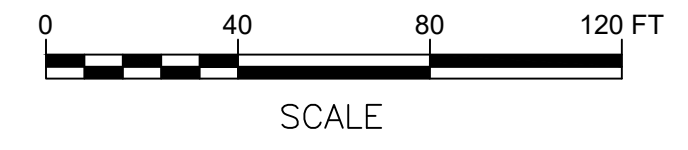
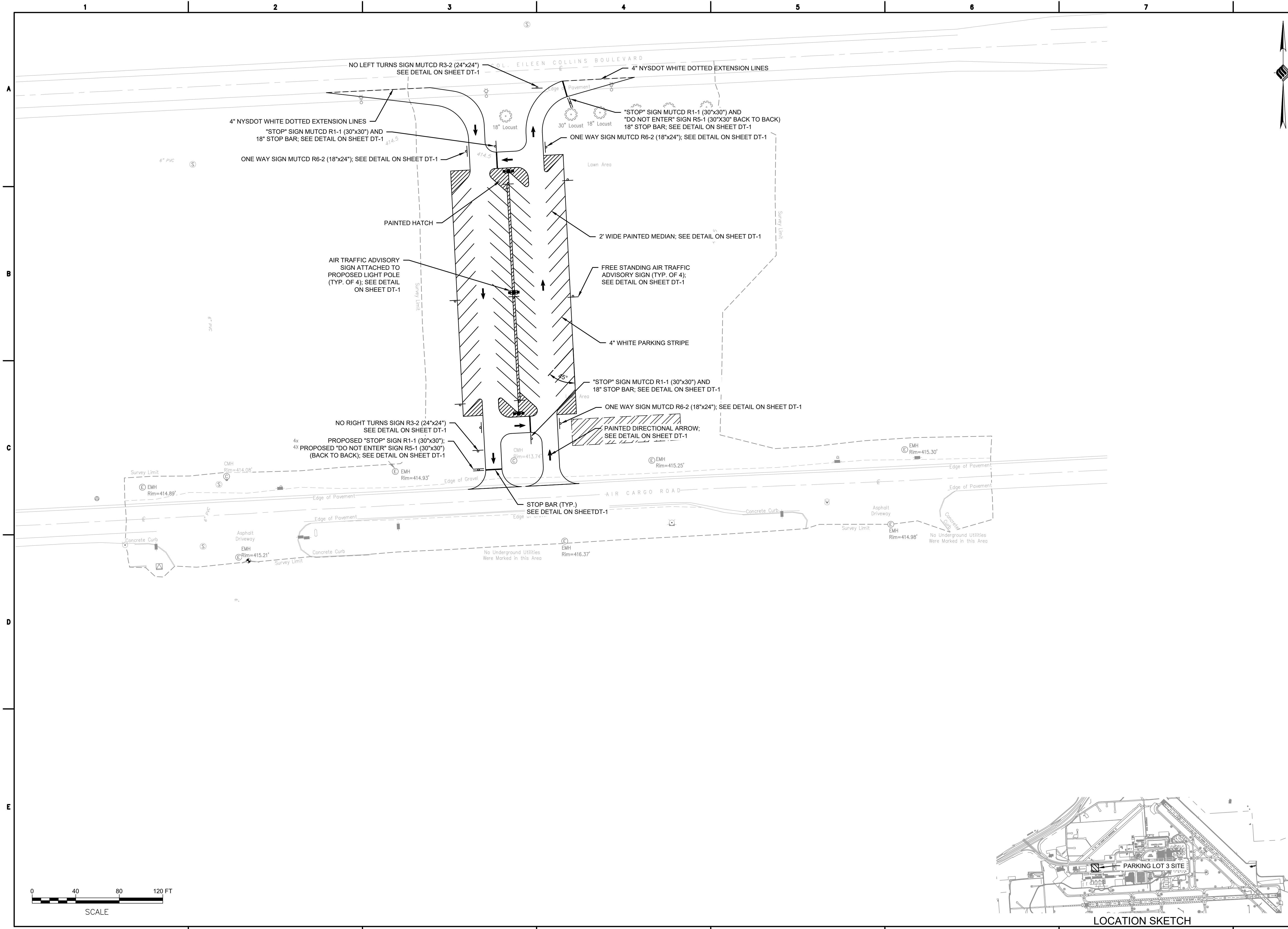
5 OF 13



LEGEND:

- NEW PAVEMENT AREA
- LIGHT POLE
- PARKING STALL COUNT
- PAVEMENT CORE LOCATION
- BORING LOCATION
- INFILTRATION TEST LOCATION





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 #3 DESIGN

DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
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
SIGNING & STRIPING PLAN

DRAWING NUMBER
SS-1
6 OF 13



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 #3 DESIGN**

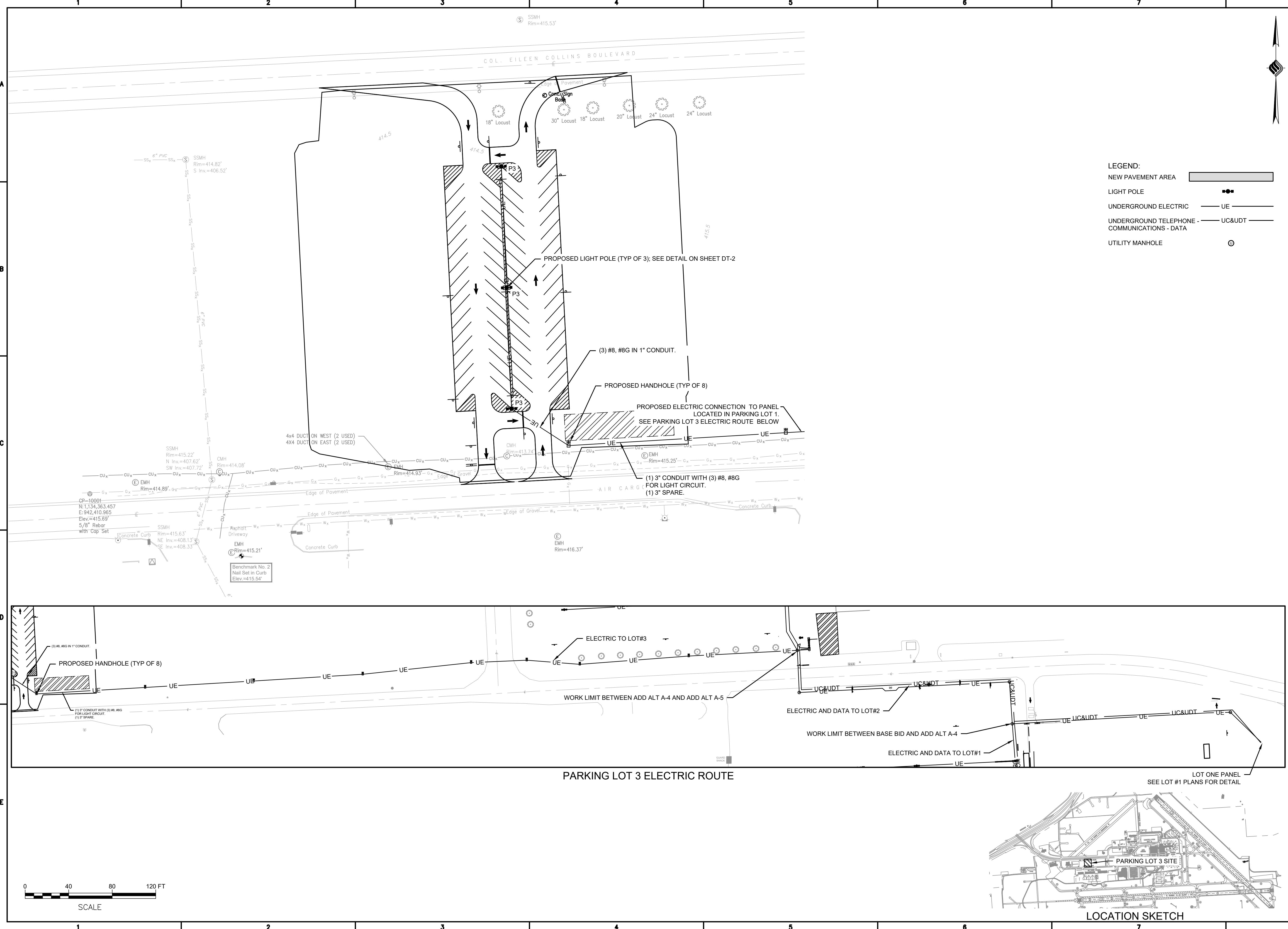
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SCALE	1"=40'
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DRAWING TITLE
**UTILITY, POWER,
 COMMUNICATIONS, &
 CONTROL PLAN**

DRAWING NUMBER
UT-1
 7 OF 13



LEGEND:

- NEW PAVEMENT AREA
- LIGHT POLE
- UNDERGROUND ELECTRIC - UE
- UNDERGROUND TELEPHONE - DATA - UC&UDT
- UTILITY MANHOLE

PARKING LOT 3 ELECTRIC ROUTE

LOCATION SKETCH



McFarland Johnson
Engineers, Planning & Construction Administration

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PITTSFORD, NEW YORK 14534
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Pittsford@mjinc.com

PROJECT MILESTONE

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LOT #3 DESIGN

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PROJECT	18831.02

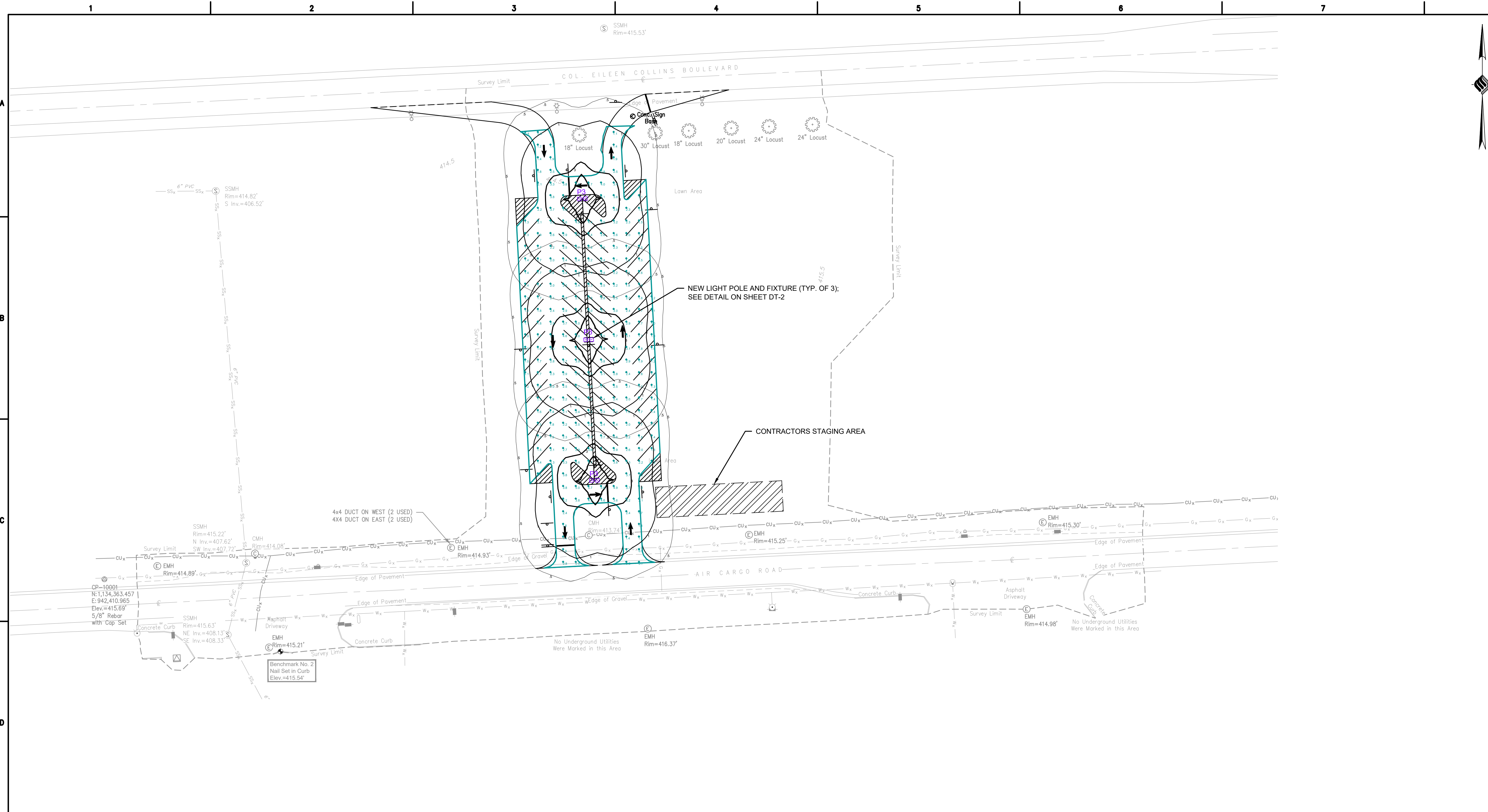
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DRAWING TITLE
LIGHTING PHOTOMETRICS PLAN

DRAWING NUMBER
LT-1

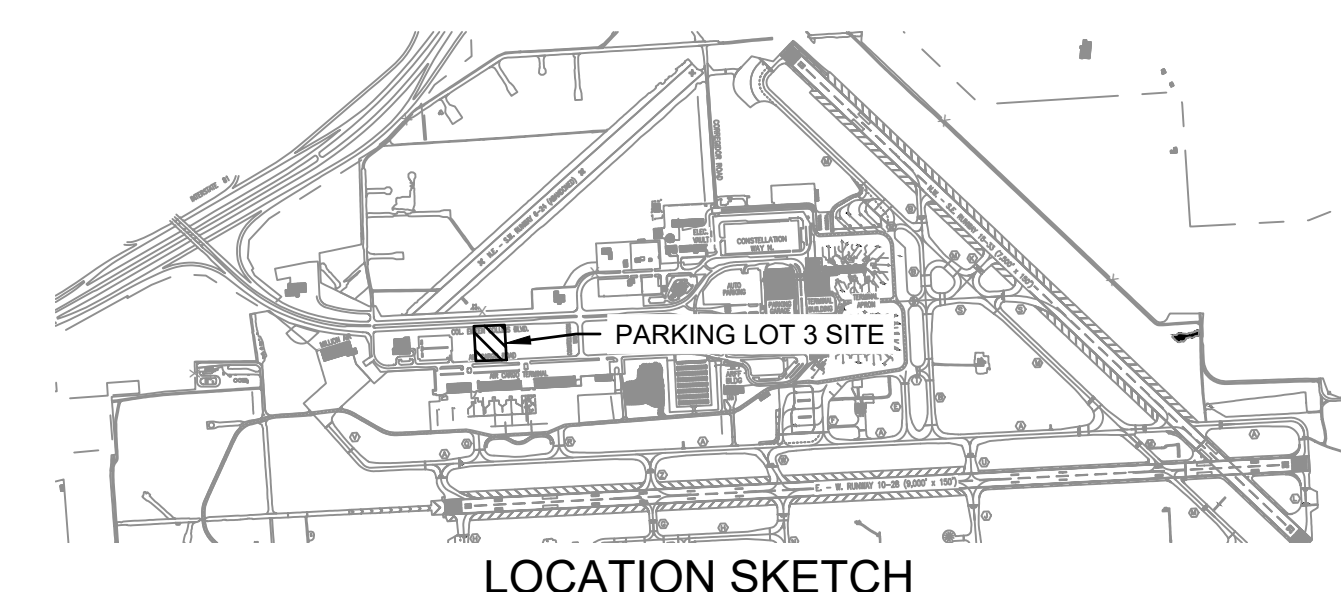
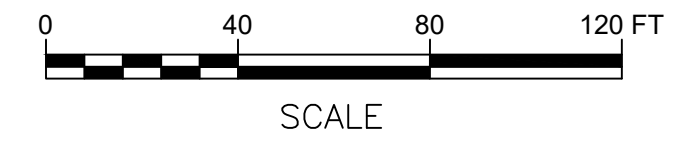
8 OF 13



LIGHT POLE AND ILLUMINATION INFORMATION

Luminaire Schedule - Lot 3												
Symbol	Qty	Label	Arrangement	LLF	Manufacturer	Model Number	Arr. Watts	Lum. Watts	Lum. Lumens	Mounting Height	Pole Manufacturer	Pole Model Number
	3	P3	BACK-BACK	0.950	COOPER LIGHTING	GALN-SA4A-740-U-T3R	242	121	18513	28 FEET	McGraw Edison	SSA6M25WFN2

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
LOT3_Planar	illuminance	Fc	2.44	5.7	0.7	3.49	8.14	



LOCATION SKETCH



McFarland Johnson

Engineers, Planning & Construction Administration

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PROJECT MILESTONE
FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
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SYRACUSE, NEW YORK 13212

PROJECT:
SURFACE PARKING LOT EXPANSIONS
LOT #3 DESIGN

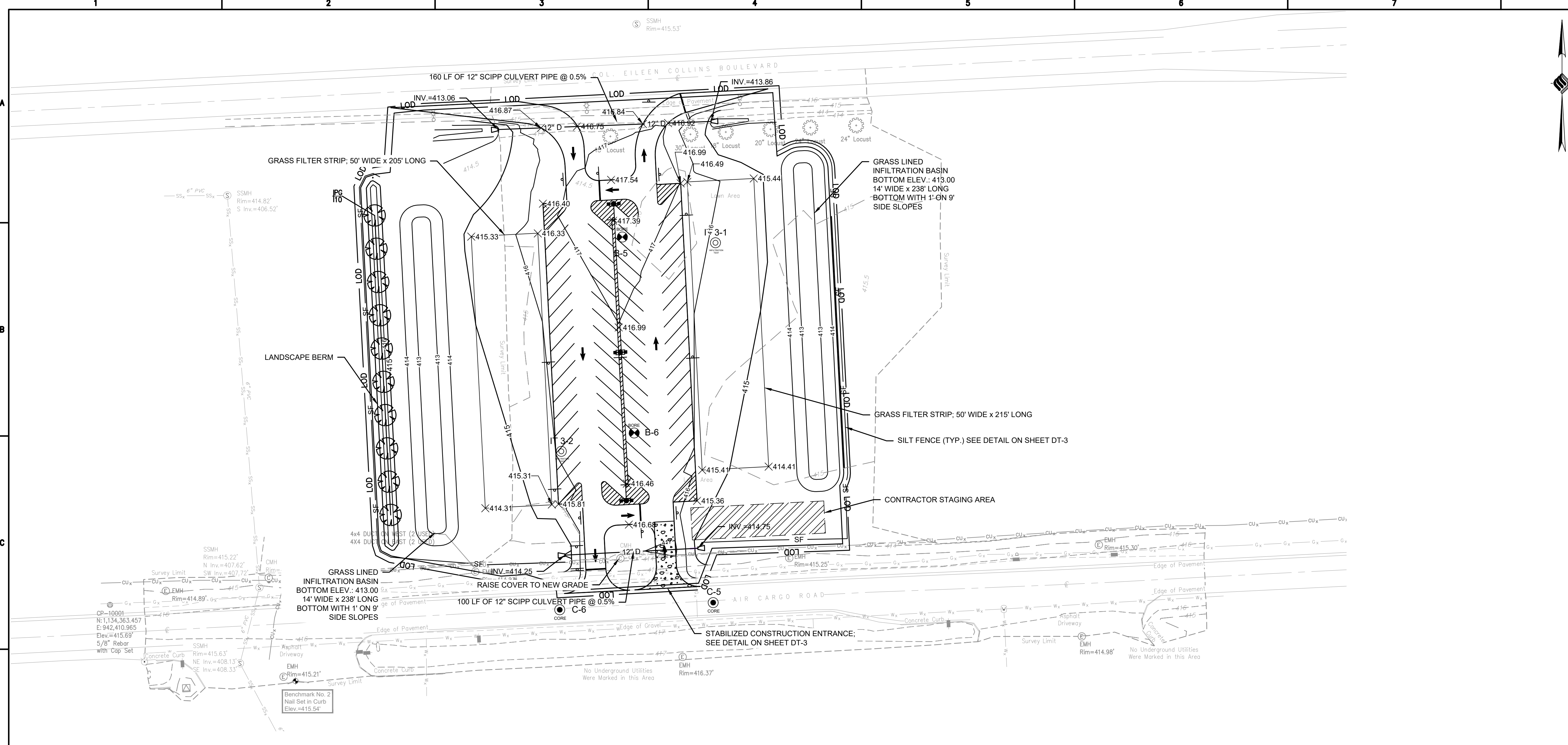
DRAWN	LDW
DESIGNED	LDW
CHECKED	AJF
SCALE	1"=40'
DATE	AUGUST 2022
PROJECT	18831.02

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

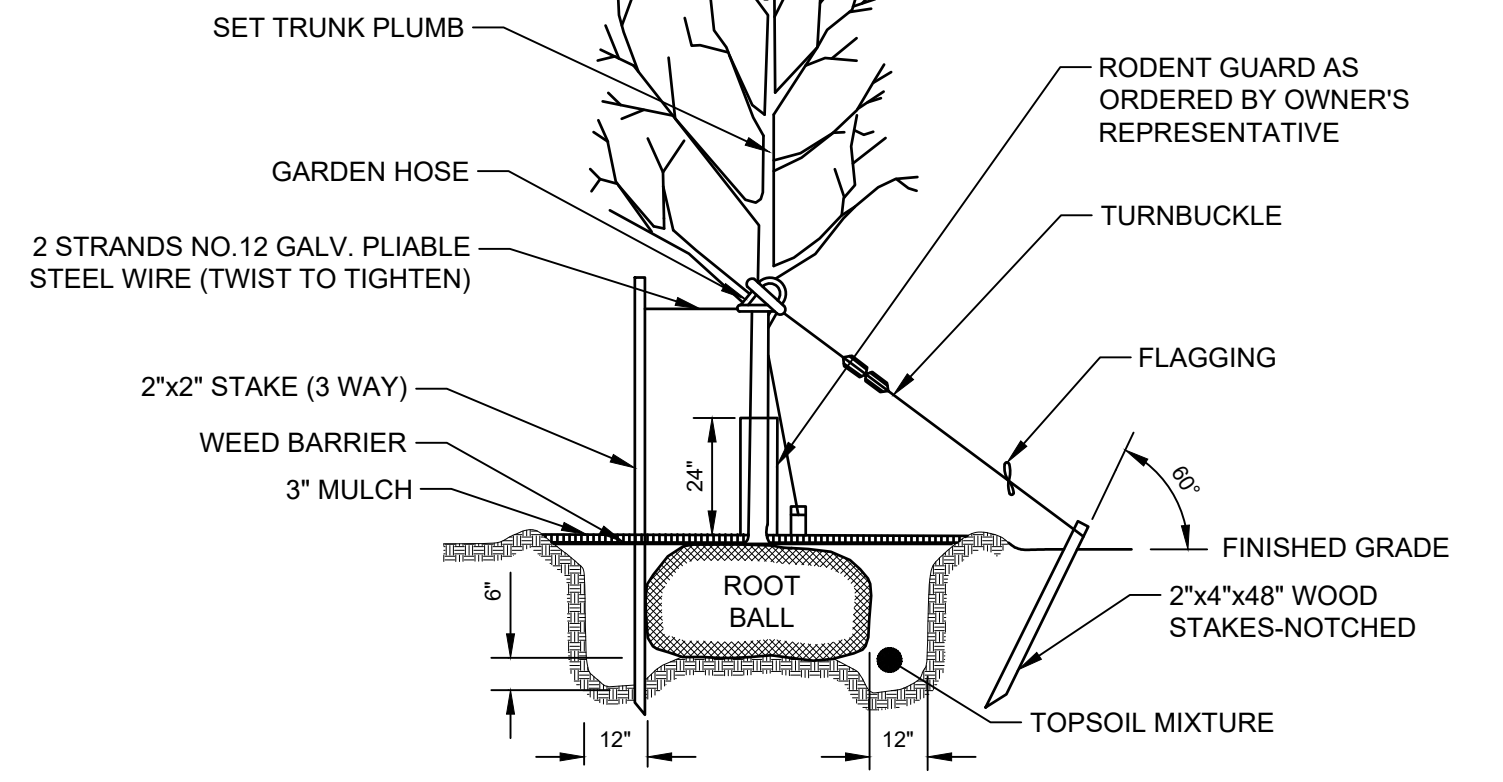
DRAWING NUMBER
GR-1
9 OF 13



PLANTING SCHEDULE					
QUANTITY	KEY	LATIN NAME	COMMON NAME	ROOTS	HT. OR SP.
10	PG	PICEA GLAUEVA	WHITE SPRUCE	B&B	6-8' HT.; MIN SPACING: 20'

STAKING:
FOR ALL TREES 4" CAL AND
EVERGREENS 5'-12'HT.

GUYING:
FOR ALL TREES LARGER THAN 4"
AND EVERGREENS LARGER THAN 12'

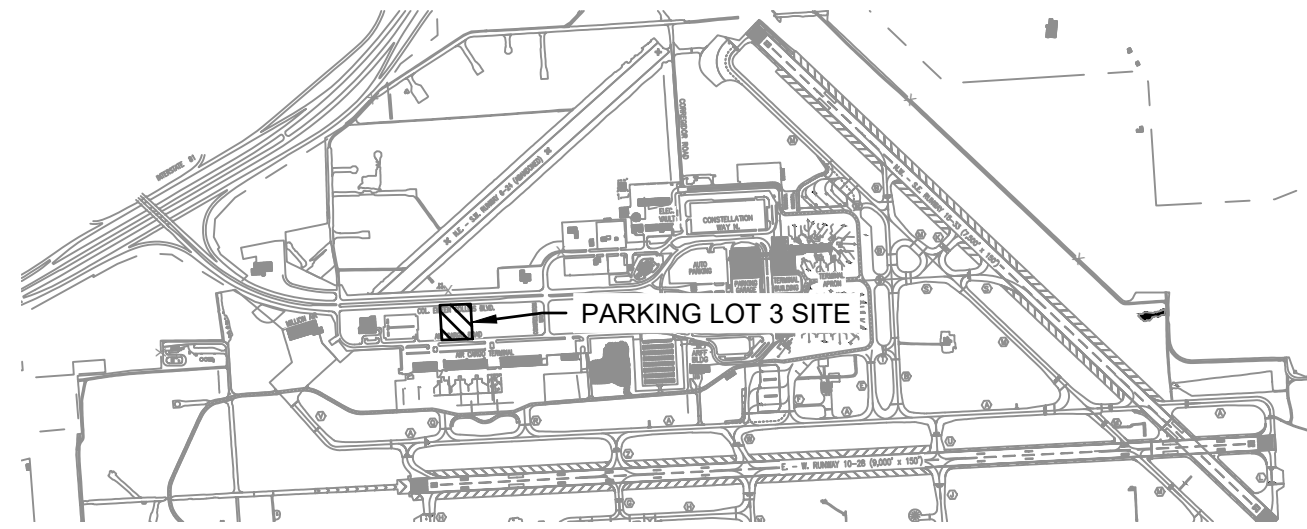


NOTES:
1. USE 8' STAKES DRIVE 48\"/>

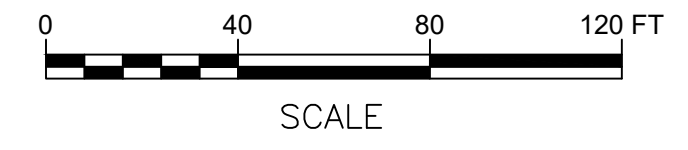
TREE PLANTING DETAIL
NOT TO SCALE

LEGEND:

— 415 —	PROPOSED INDEX CONTOUR
— 414 —	PROPOSED INTERMEDIATE CONTOUR
— 415 —	EXISTING INDEX CONTOUR
— 414 —	EXISTING INTERMEDIATE CONTOUR
⊕	PLANT CALL OUT
— 12\"/>	
▽	END SECTION
— LOD —	LIMITS OF DISTURBANCE
— SF —	SILT FENCE



LOCATION SKETCH



SCALE

	1	2	3	4	5	6	7	8												
A	<p>EROSION AND SEDIMENT CONTROL PLAN NOTES:</p> <ol style="list-style-type: none"> 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. 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. 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. 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. CONTRACTOR SHALL MAINTAIN A STOCK PILE OF EROSION AND SEDIMENT CONTROL MEASURES ON SITE AS INDICATED ON THE PLAN. 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. WRAP YARD INLET GRATES IN FILTER FABRIC PROGRESSIVELY AS STORM SEWER AND YARD INLETS ARE INSTALLED. 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. 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. 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. ALL RIP-RAP OUTLET PROTECTION TO BE CONSTRUCTED PER NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING, TO PROVIDE DUST CONTROL DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL FEATURES THROUGHOUT THE DURATION OF CONSTRUCTION. <ol style="list-style-type: none"> 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. ALL SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE AND STRAW BALES WHEN IT ACCUMULATES TO A MAXIMUM HEIGHT OF 6". AFTER VEGETATION HAS BEEN SUBSTANTIALLY ESTABLISHED, EXCAVATE SWALES OF ACCUMULATED SILT. RE-ESTABLISHED VEGETATION ON DISTURBED AREAS. SEDIMENT COLLECTED BY EROSION CONTROL MEASURES SHALL BE DISPOSED OF BY SPREADING ON-SITE OR HAULED AWAY IF DETERMINED TO BE UNSUITABLE FOR FILL. ALL DISTURBED AREAS SHALL BE STABILIZED, SEEDDED AND MULCHED WITHIN 7 DAYS OF CEASED CONSTRUCTION ACTIVITY. TOTAL PROJECT DISTURBANCE AREA PER THE NYSDEC SPDES STANDARDS IS 13.8 ACRES. 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>PERMANENT SEEDING NON-SLOPED AREAS:</p> <ol style="list-style-type: none"> IF SOILS ARE COMPACTED, SCARIFY UPPER TWO INCHES BY BACKBLADING WITH DOZER, RAKING, OR DISKING. PLACE TOPSOIL TO A MINIMUM DEPTH OF 4 INCHES. SEED PER NYSDOT ESTABLISHING TURF SPECIFICATIONS; NYSDOT ITEM 610.1602. 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. MULCH WITH CLEAN (WEED FREE) STRAW IF SPECIFIED ON PLANS. <p>PERMANENT SEEDING SLOPED AREAS:</p> <ol style="list-style-type: none"> IF SOILS ARE COMPACTED, SCARIFY UPPER TWO INCHES BY BACKBLADING WITH DOZER, RAKING, OR DISKING. PLACE TOPSOIL TO A MINIMUM DEPTH OF 4 INCHES. 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. IMMEDIATELY SEED NYSDOT ESTABLISHING TURF SPECIFICATIONS; NYSDOT ITEM 610.1602. PROVIDE JUTE MESH IF SPECIFIED ON PLANS OR MULCH WITH CLEAN (WEED FREE) STRAW. 							A												
B	<p>WINTER STABILIZATION:</p> <ol style="list-style-type: none"> 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. 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: <ol style="list-style-type: none"> WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND NO PRECIPITATION IS FORECAST OR; THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, FOUNDATION EXCAVATIONS, OR WATER MANAGEMENT AREAS. 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 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> <ol style="list-style-type: none"> 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. NOTE: NO FERTILIZER SHOULD BE USED AFTER OCTOBER 1ST IF THERE IS DANGER OF LEACHING INTO WATER RESOURCE. IMMEDIATELY SEED AND MULCH PER NYSDOT ITEM 209.1003. 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>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> <ol style="list-style-type: none"> APPLY 3 INCHES OF COMPOST OVER SUBSOIL 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 ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE APPLY TOPSOIL TO A DEPTH OF 6 INCHES VEGETATE AS REQUIRED BY APPROVED PLAN. <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>							B												
C	<p>CLIENT: SYRACUSE HANCOCK INTERNATIONAL AIRPORT 1000 COLONEL EILEEN COLLINS BOULEVARD SYRACUSE, NEW YORK 13212</p> <p>PROJECT: SURFACE PARKING LOT EXPANSIONS LOT #3 DESIGN</p>							C												
D	<table border="1"> <tr> <td>DRAWN</td> <td>LDW</td> </tr> <tr> <td>DESIGNED</td> <td>LDW</td> </tr> <tr> <td>CHECKED</td> <td>AJF</td> </tr> <tr> <td>SCALE</td> <td>1"=40'</td> </tr> <tr> <td>DATE</td> <td>AUGUST 2022</td> </tr> <tr> <td>PROJECT</td> <td>18831.02</td> </tr> </table>							DRAWN	LDW	DESIGNED	LDW	CHECKED	AJF	SCALE	1"=40'	DATE	AUGUST 2022	PROJECT	18831.02	D
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	1	2	3	4	5	6	7	8												



McFarland Johnson
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15 FISHERS ROAD, SUITE 200
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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 #3 DESIGN

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

BID SET

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DRAWING TITLE
EROSION & SEDIMENT CONTROL NOTES

DRAWING NUMBER
GR-2

10 OF 13

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 #3 DESIGN

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

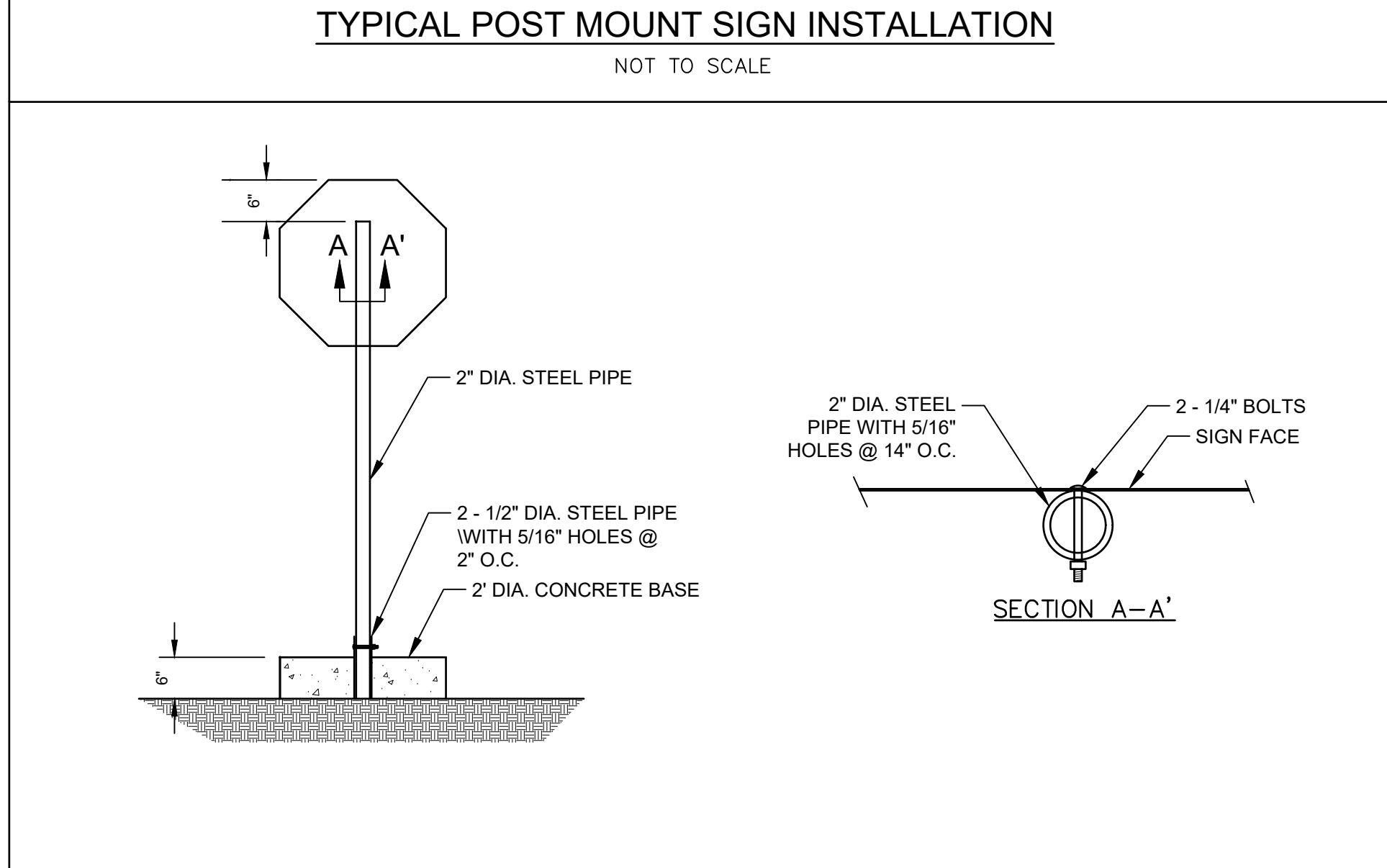
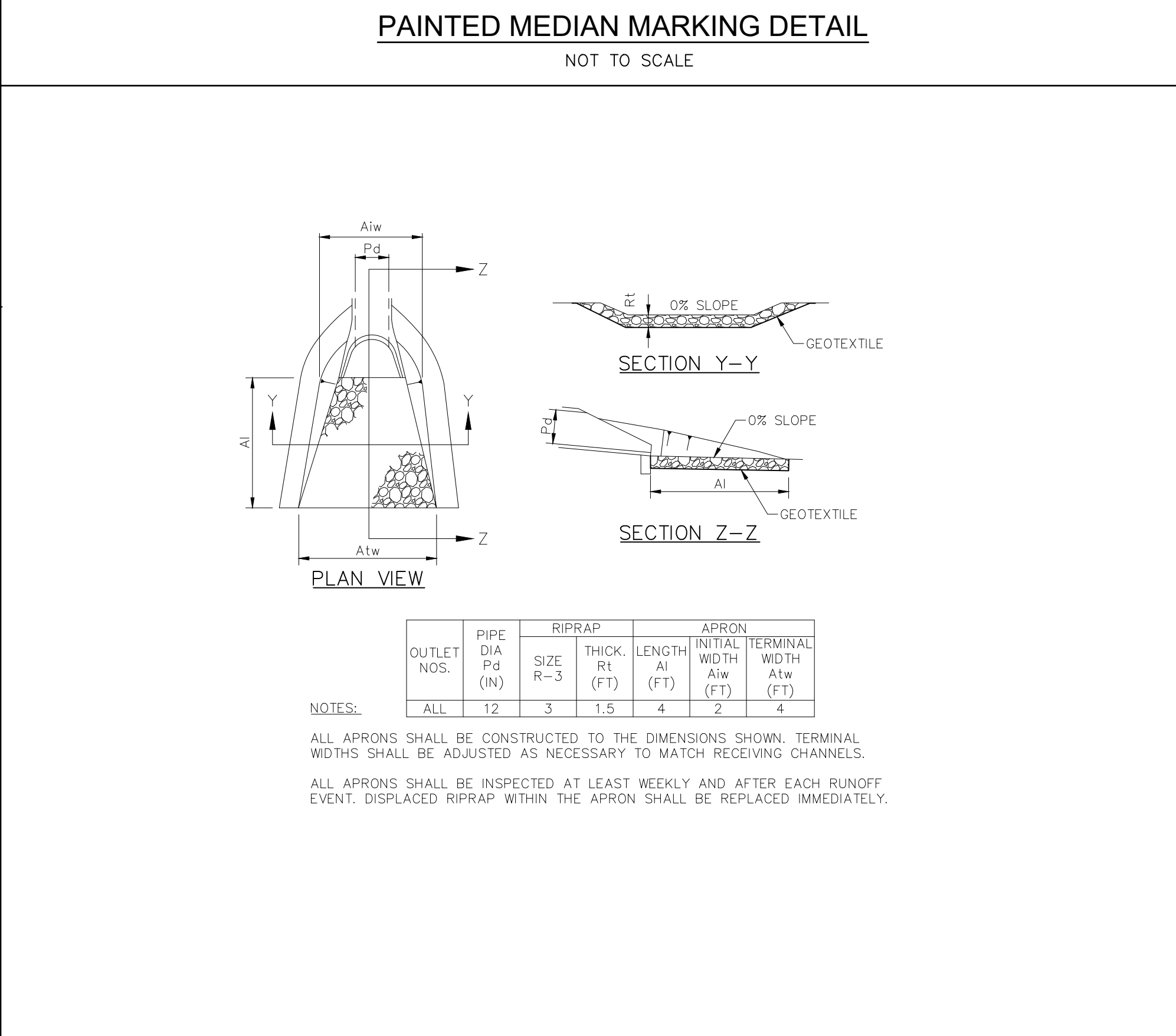
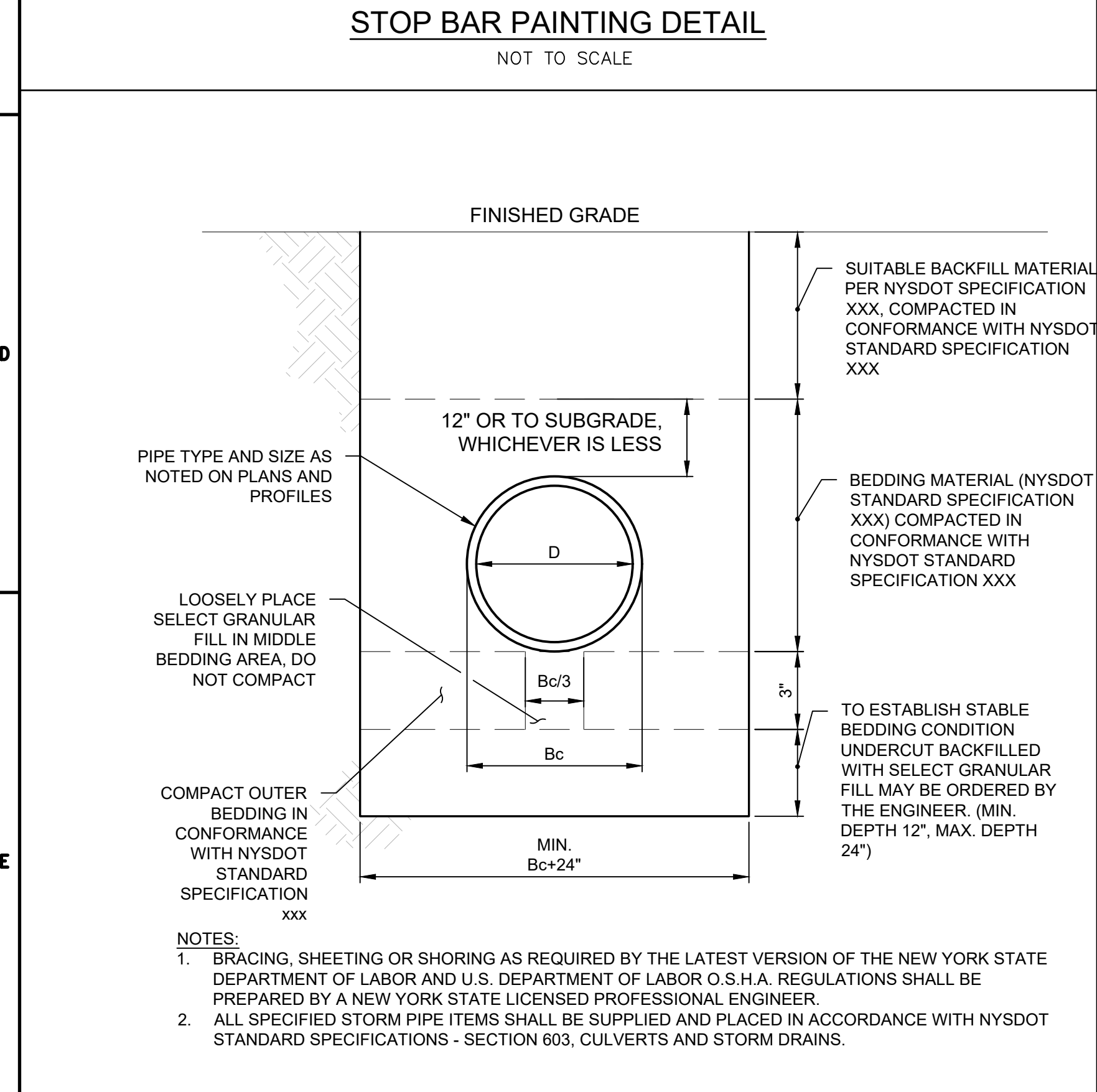
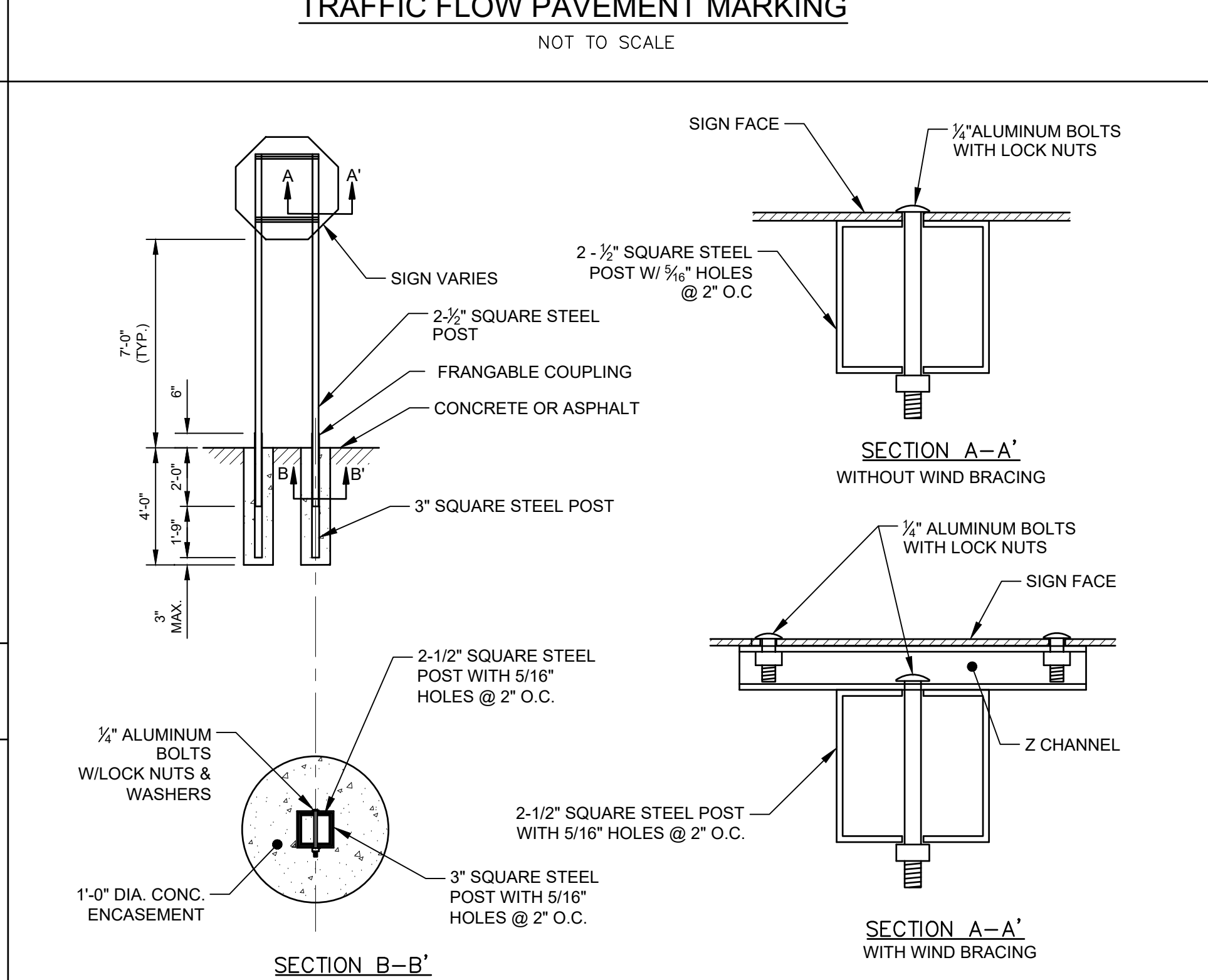
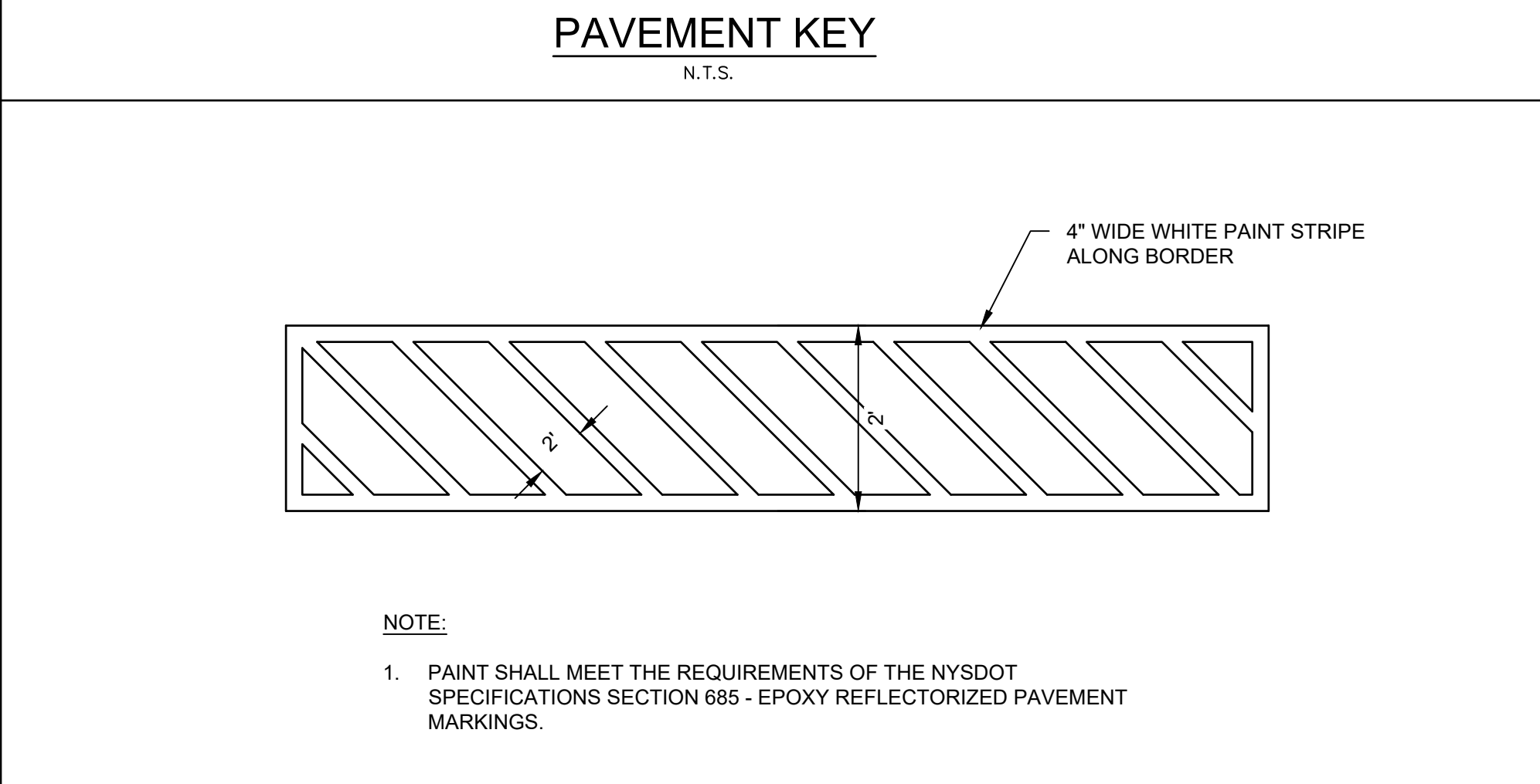
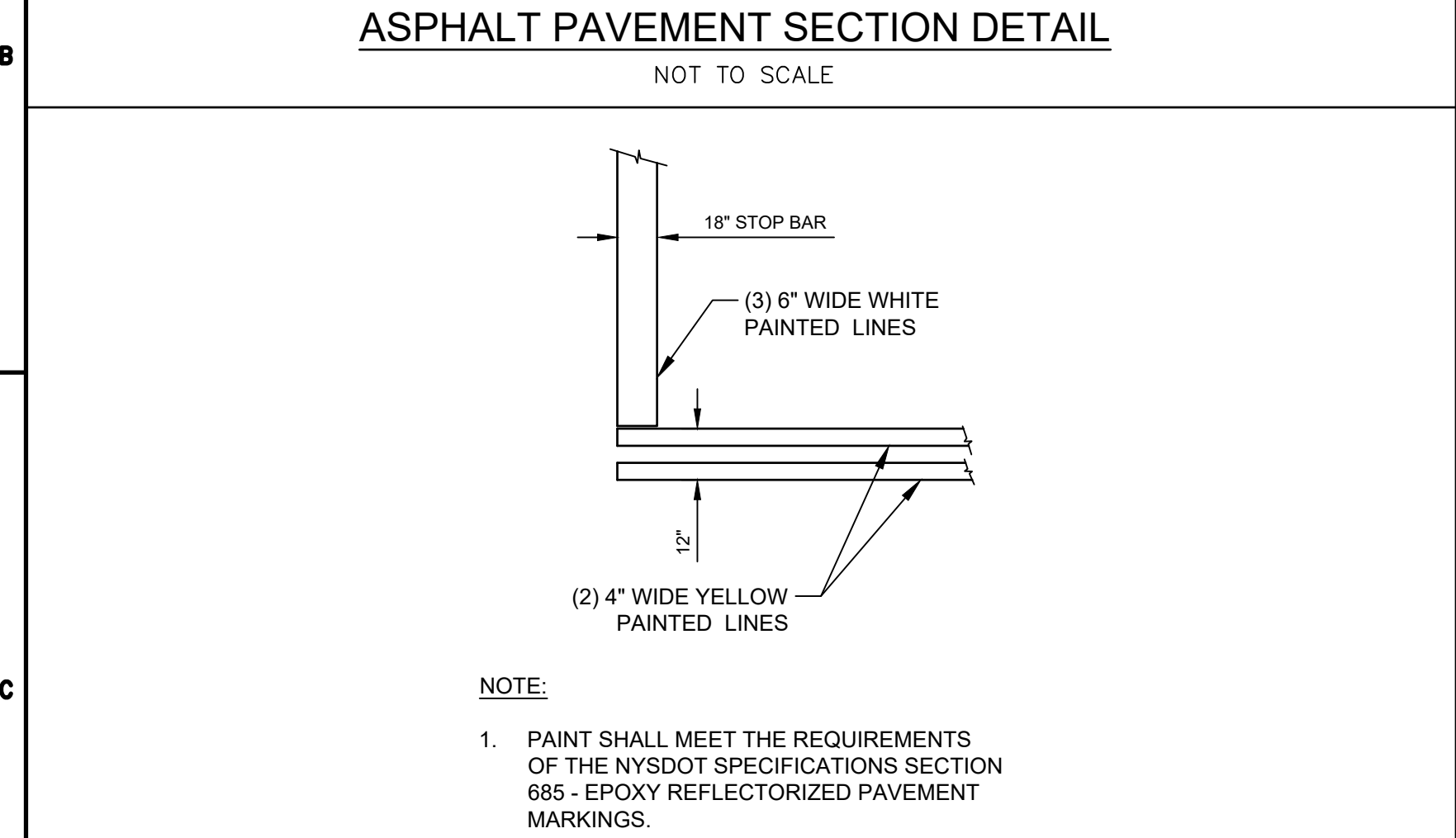
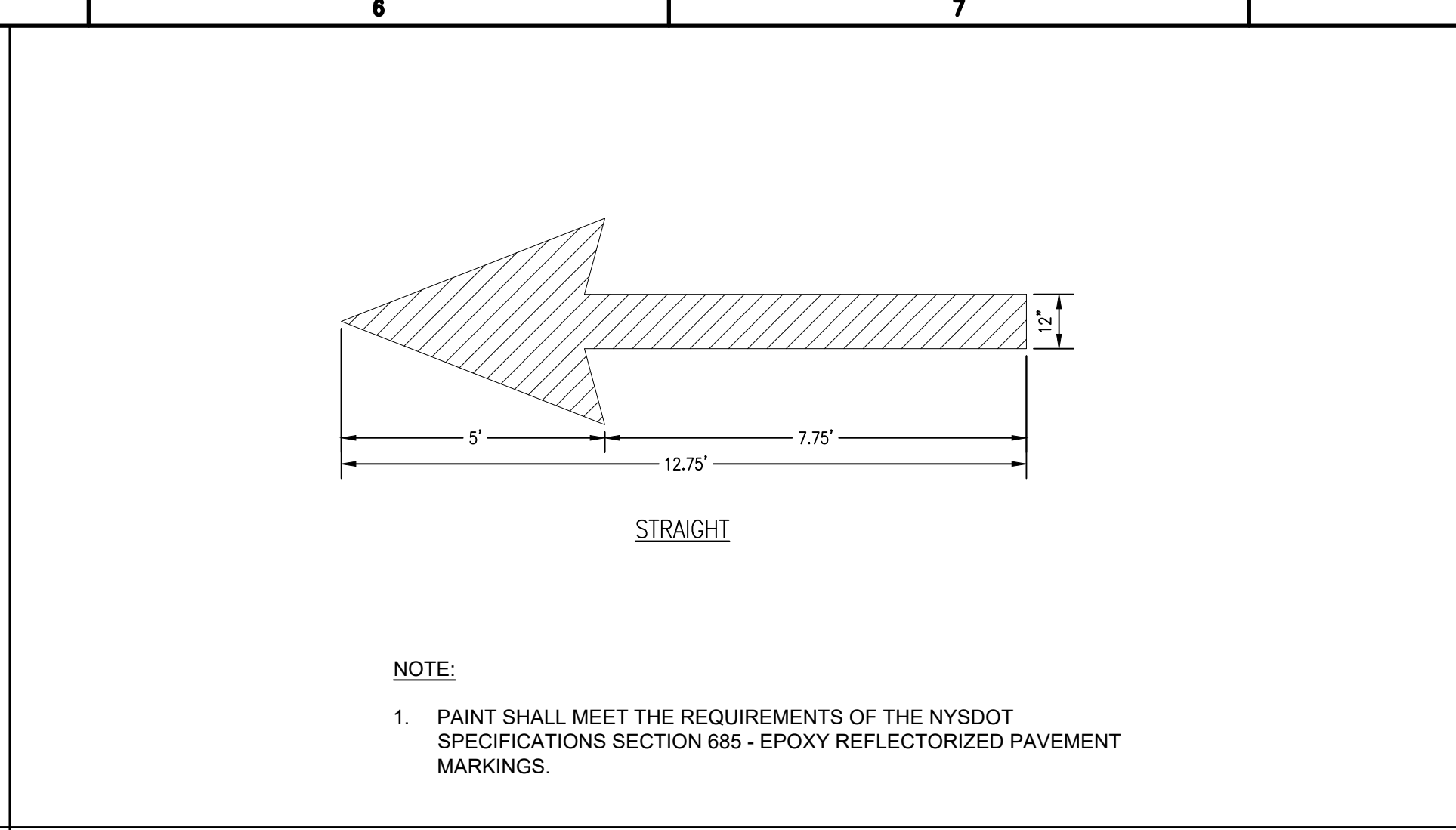
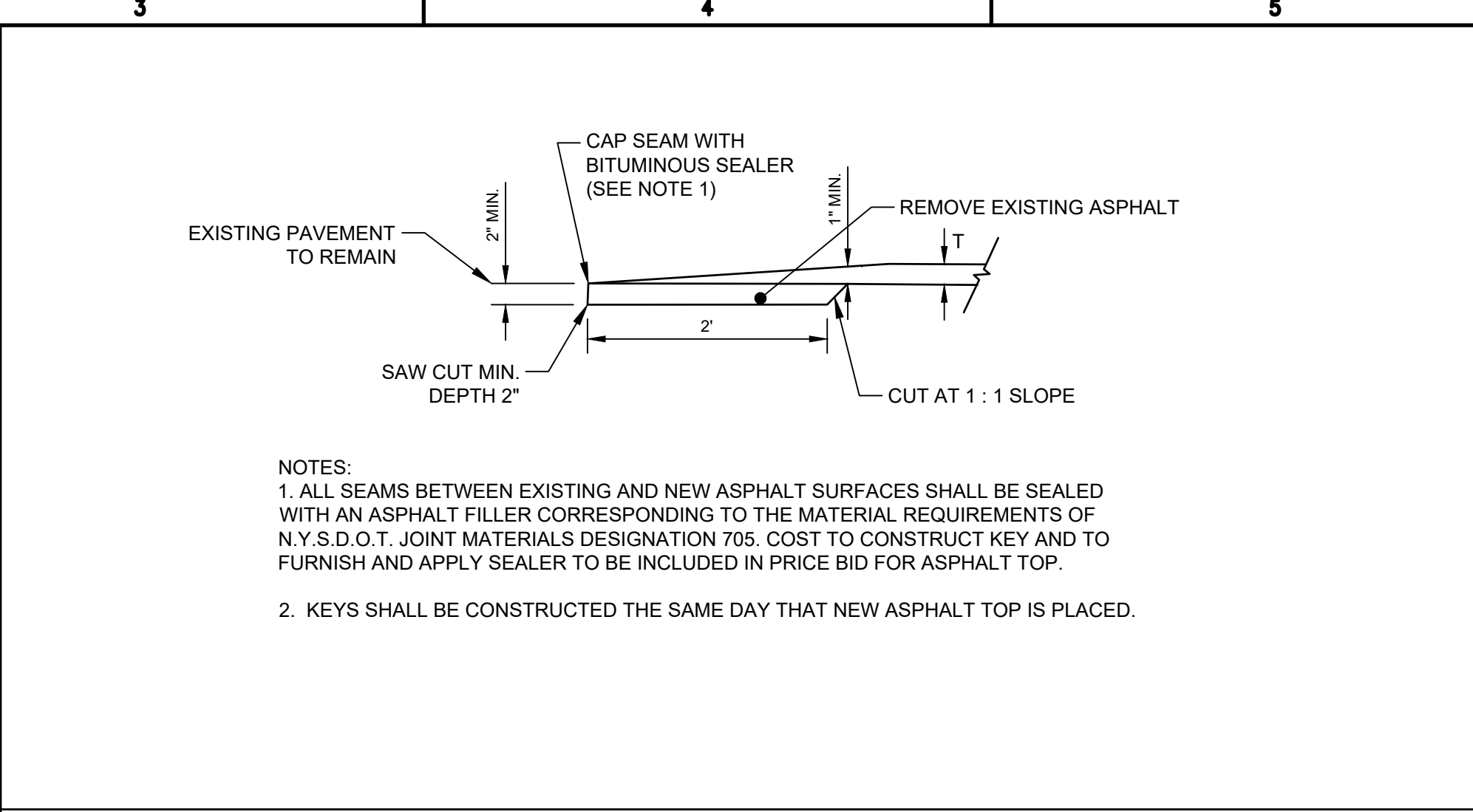
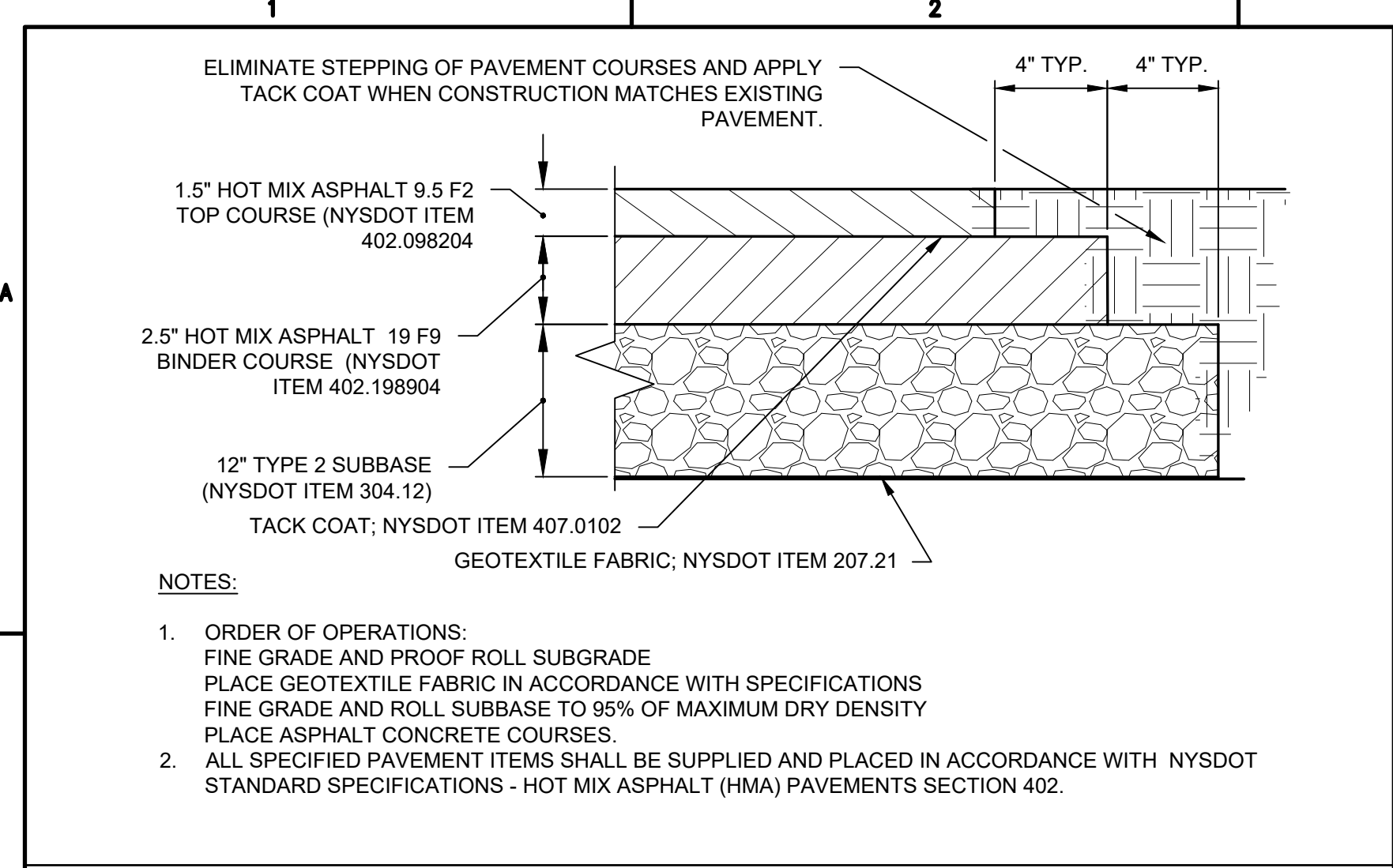
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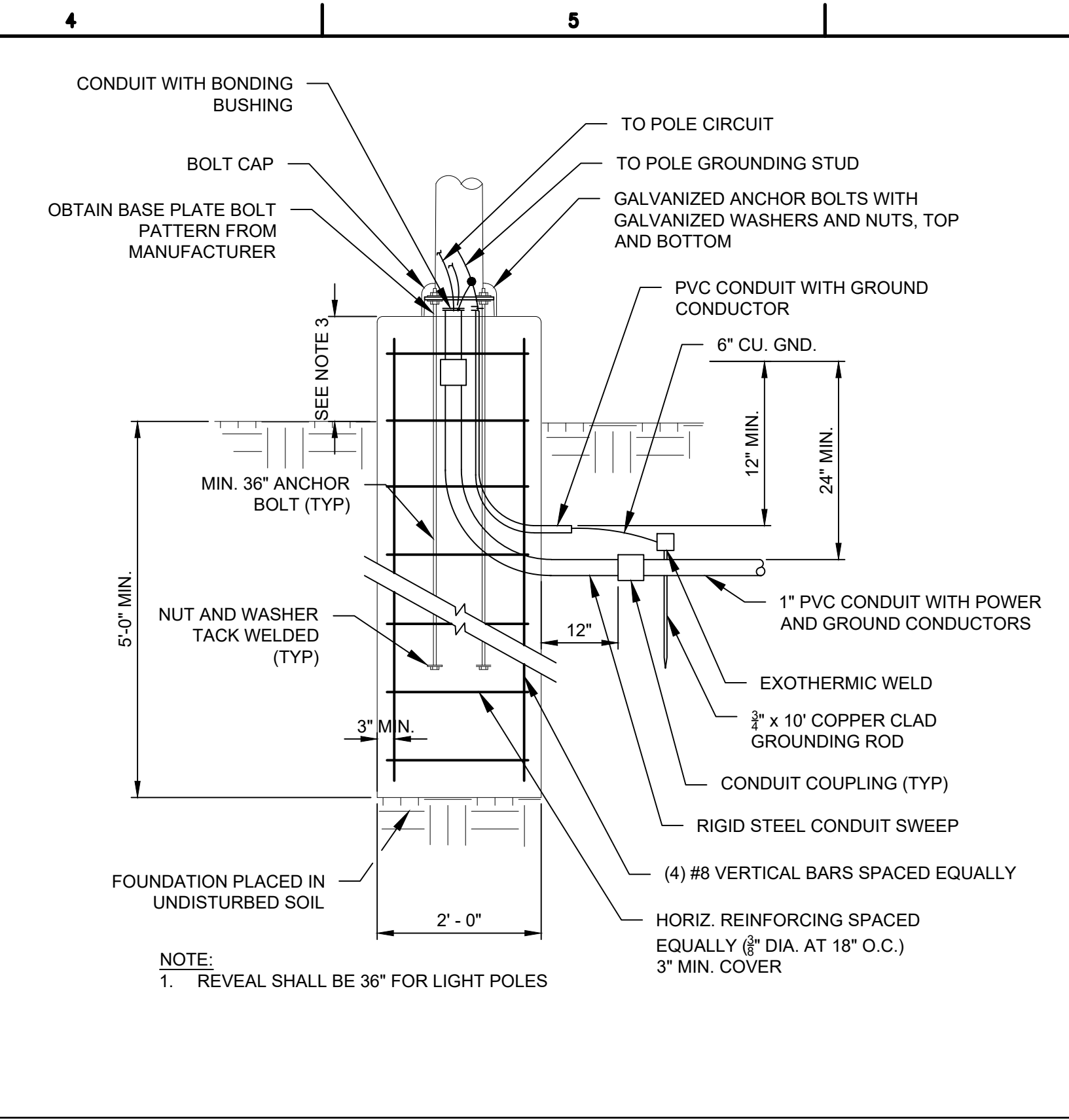
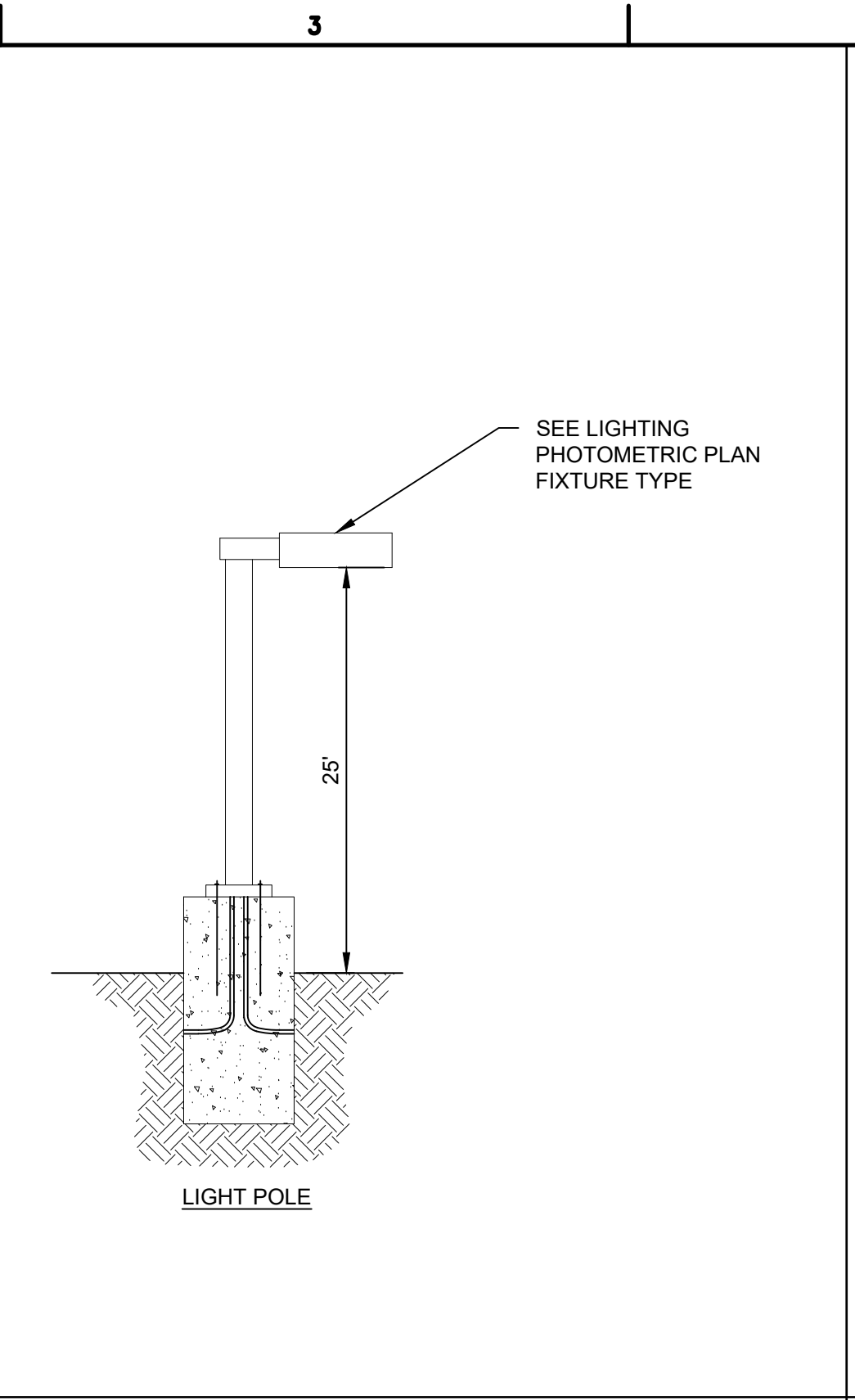
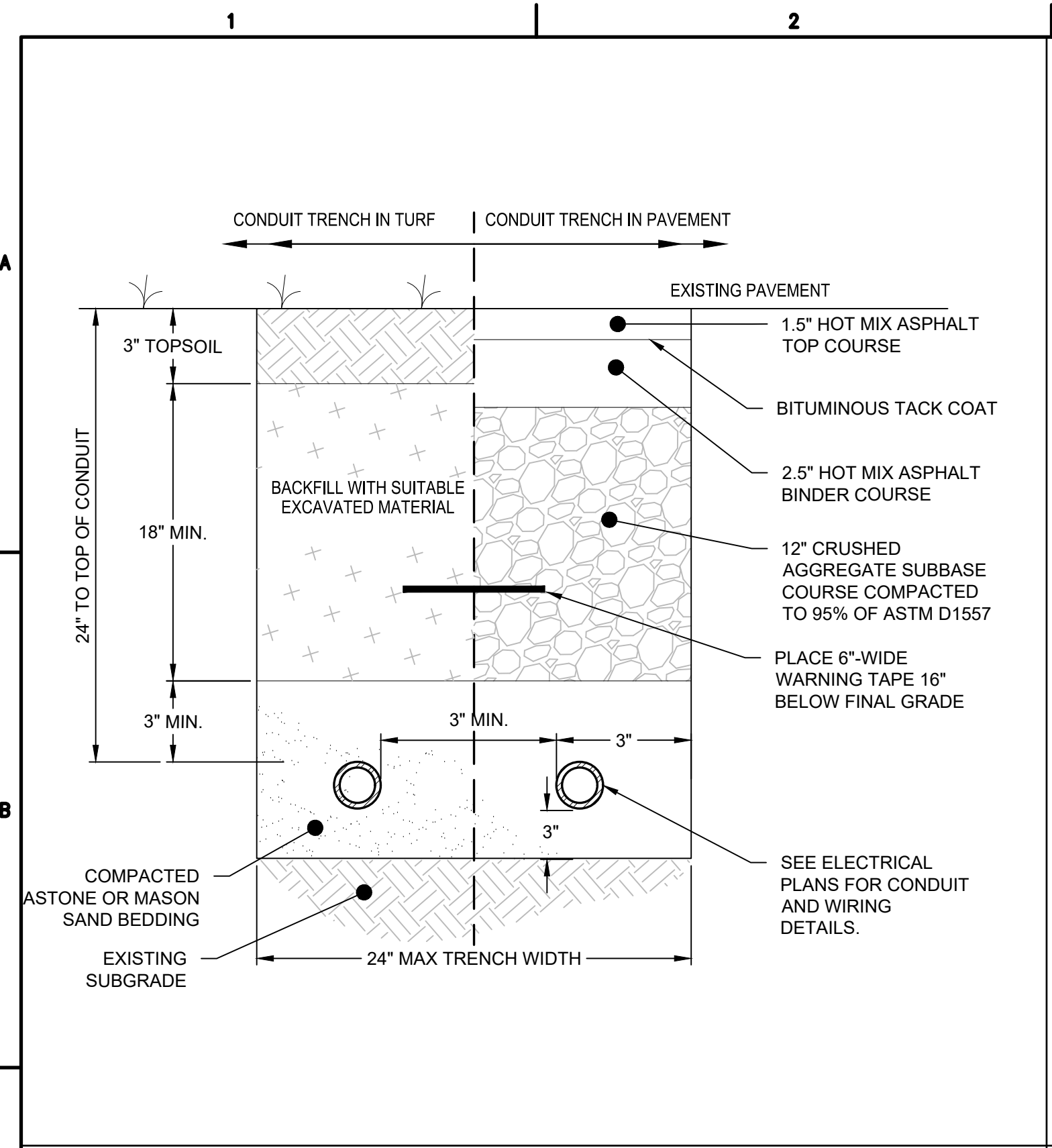
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DRAWING TITLE
MISCELLANEOUS DETAILS

DRAWING NUMBER
DT-1

11 OF 13





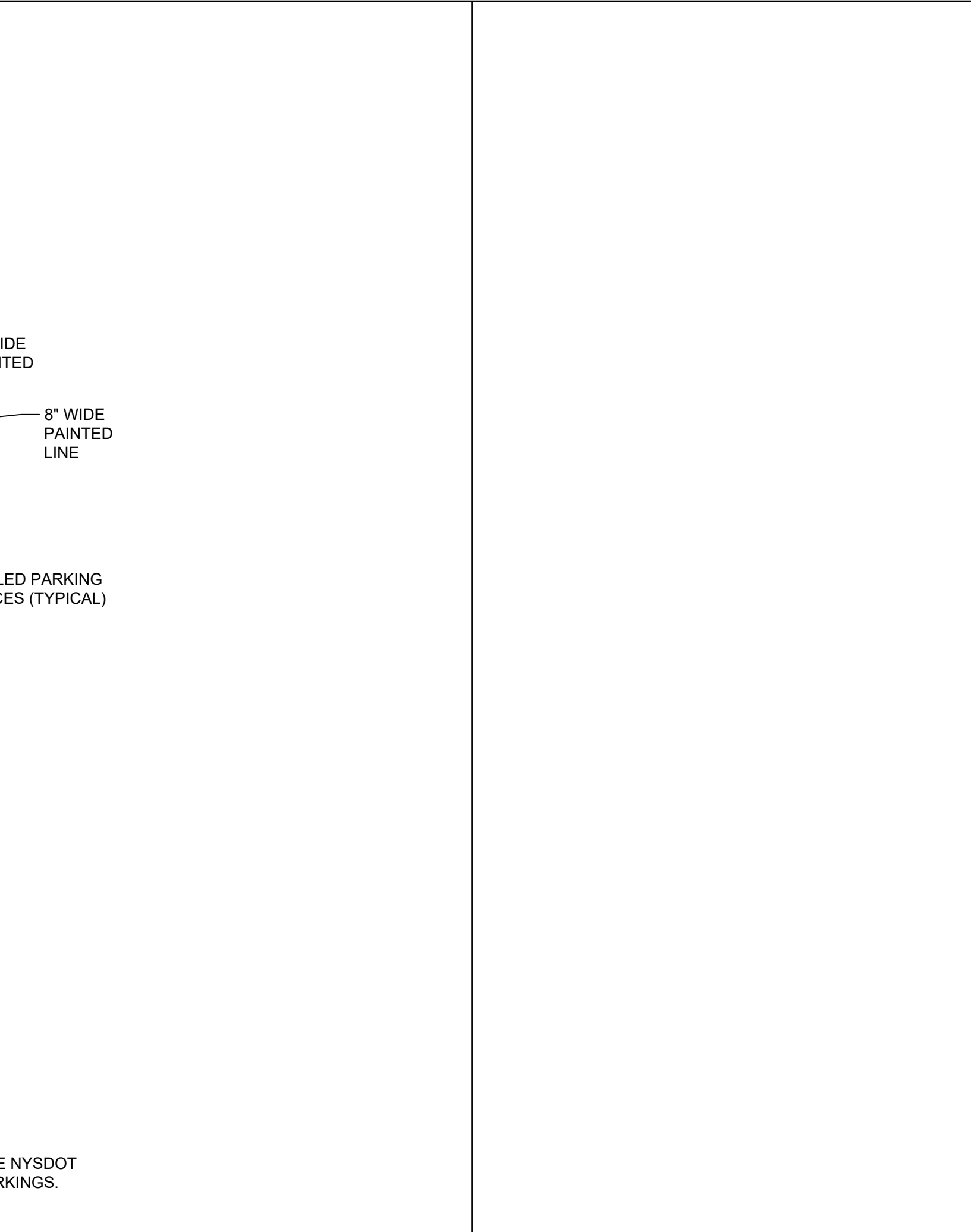
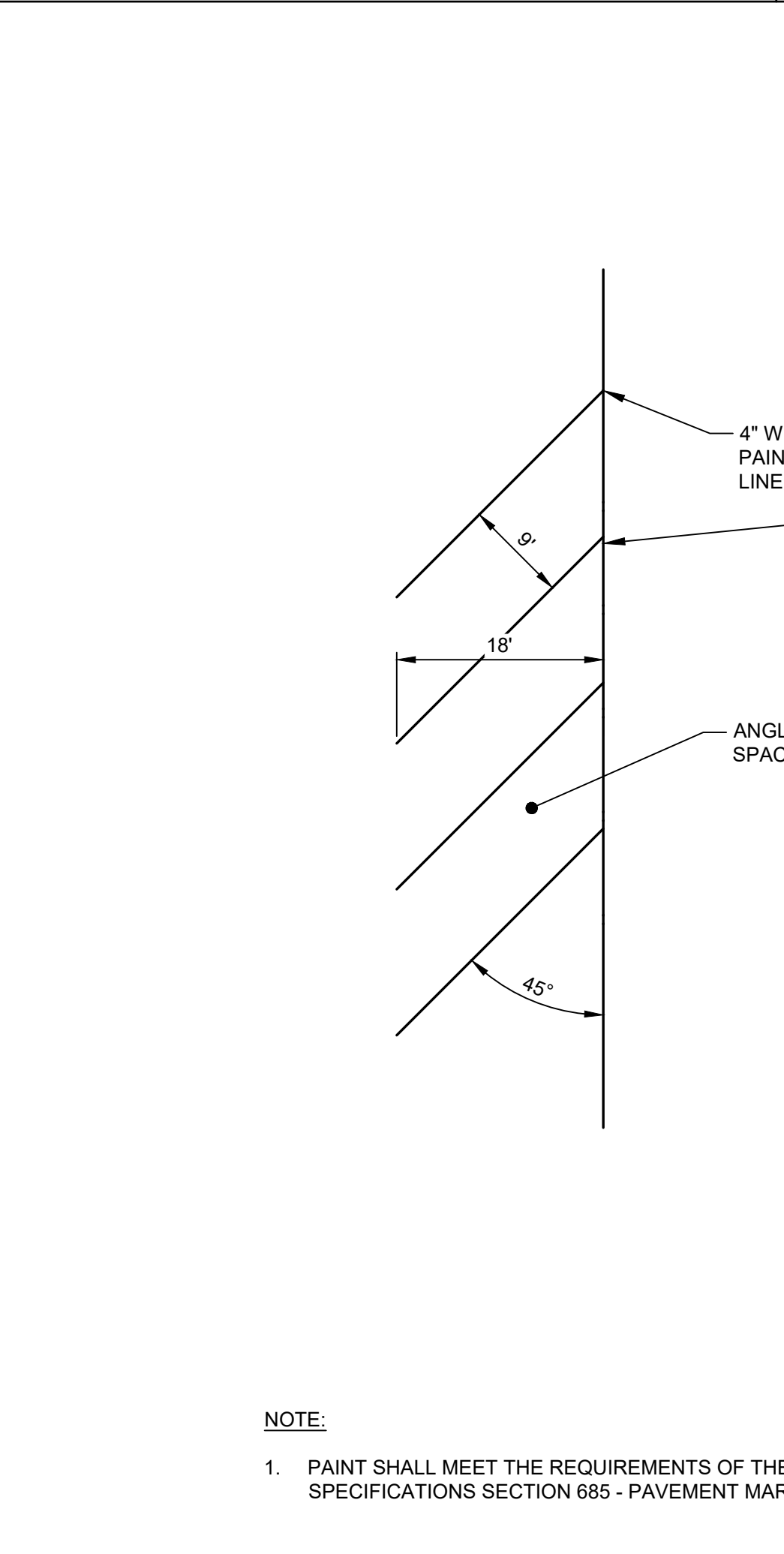
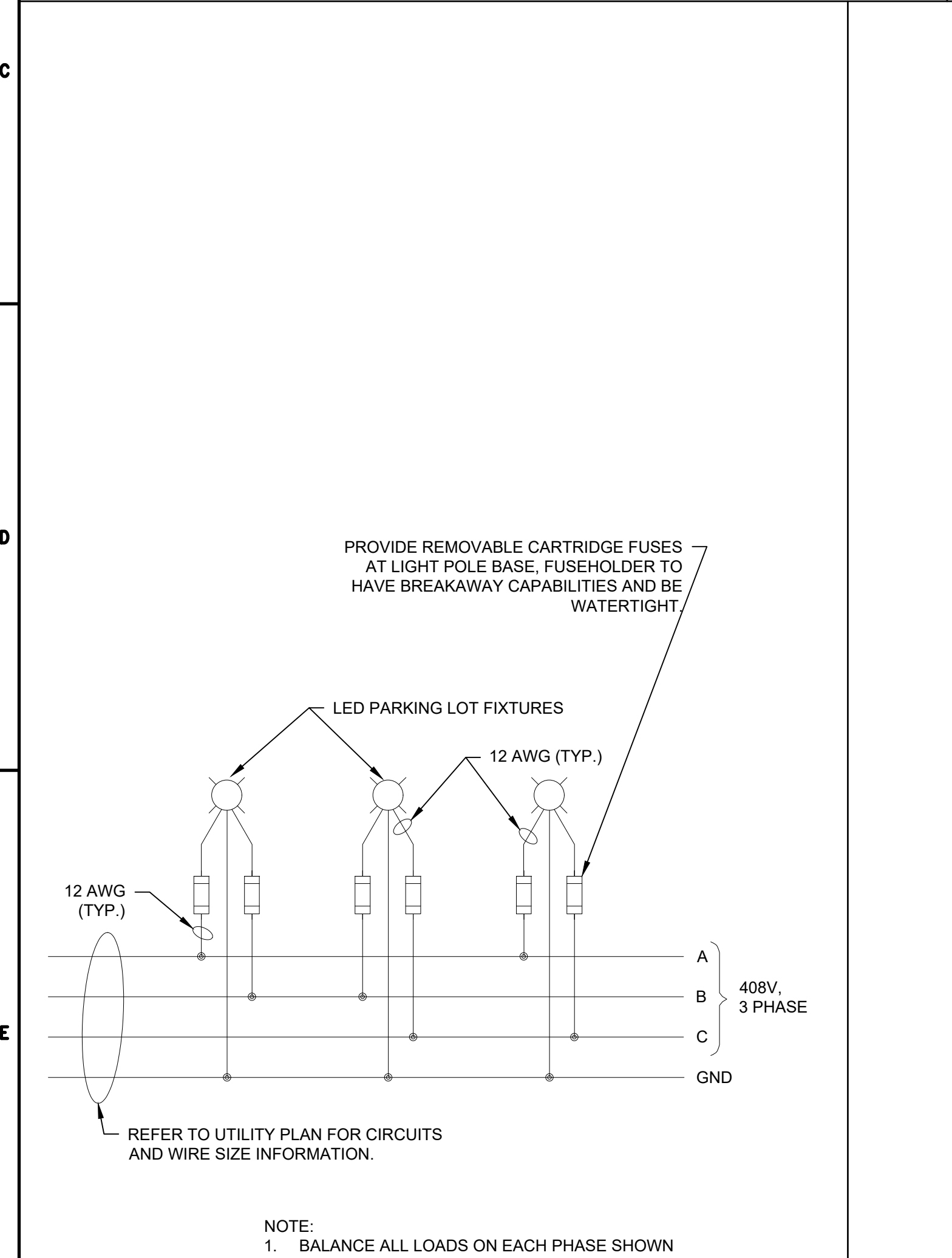
- ELECTRICAL GENERAL NOTES**
NOT TO SCALE
- ALL ELECTRICAL WORK SHALL CONFORM TO ALL STATE, LOCAL, AND NATIONAL ELECTRICAL CODES.
 - ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
 - ITEMS OF SPECIFIC MANUFACTURER'S SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND DIMENSIONS SHOWN ON THE DRAWINGS.
 - ALL CONDUIT AND WIRING SCHEDULES SHALL BE VERIFIED BEFORE INSTALLATION.
 - THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL EQUIPMENT WITH OTHER CONTRACTORS.
 - ALL AREAS DISTURBED BY WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN ORIGINAL AS DETERMINED BY THE ENGINEER.
 - THE CONTRACTOR SHALL PROVIDE RACEWAYS, WIRING, AND CONNECTIONS FOR ALL CONTROL CIRCUITS AND INTERLOCKS.
 - ALL ELECTRICAL CONDUIT AND CONDUCTORS DISCONNECTED AND NOT REUSED SHALL BE REMOVED.
 - 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.

CONDUIT TRENCH DETAIL
NOT TO SCALE

LIGHT POLE DETAIL
NOT TO SCALE

CONCRETE LIGHT POLE BASE DETAIL
NOT TO SCALE

ELECTRICAL GENERAL NOTES
NOT TO SCALE




FIXTURE WIRING DIAGRAM
NOT TO SCALE

ANGLED PARKING STRIPE DETAIL
NOT TO SCALE

CONCRETE LIGHT POLE BASE DETAIL
NOT TO SCALE

ELECTRICAL GENERAL NOTES
NOT TO SCALE



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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 #3 DESIGN**

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

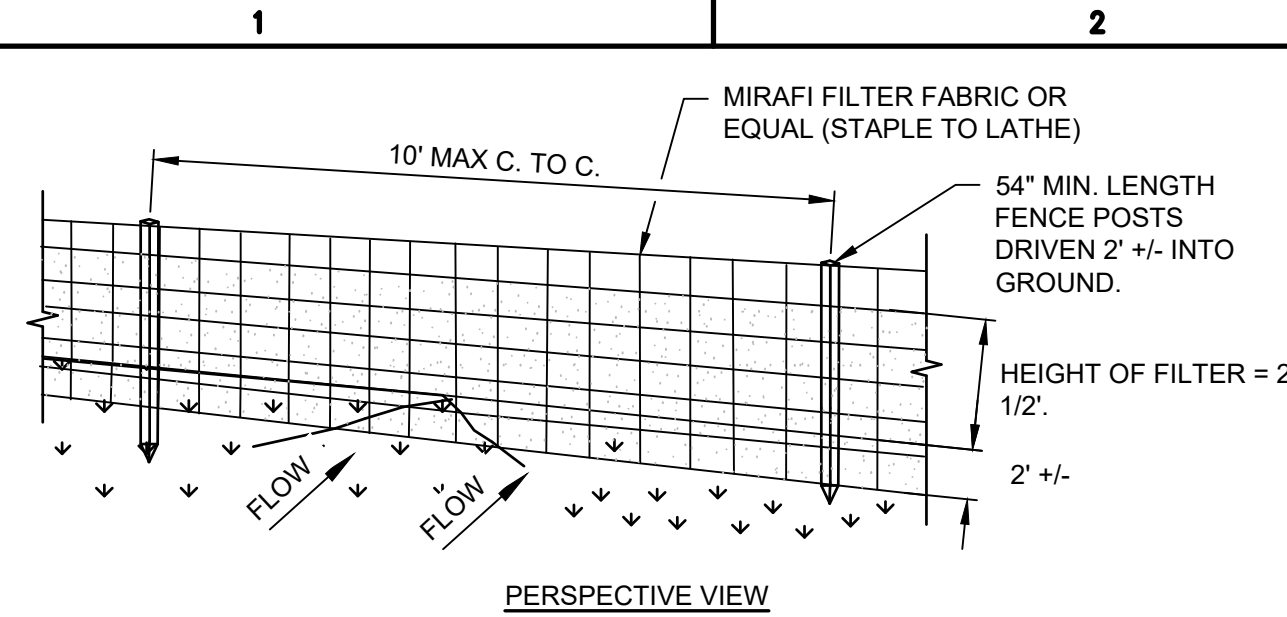
BID SET

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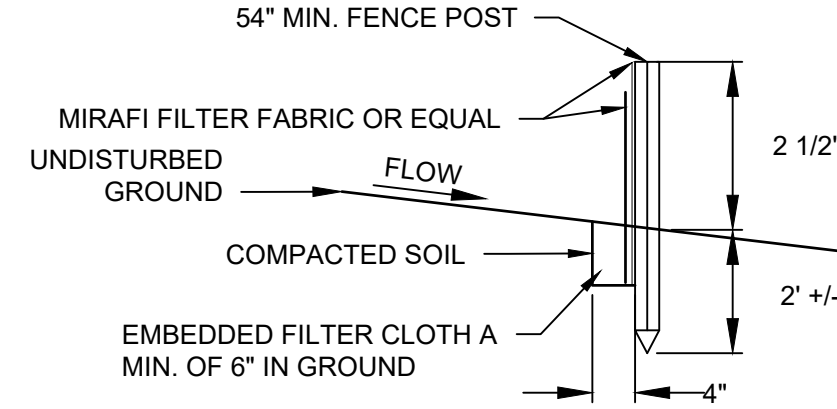
DRAWING TITLE
MISCELLANEOUS DETAILS

DRAWING NUMBER
DT-2

12 OF 13



PERSPECTIVE VIEW



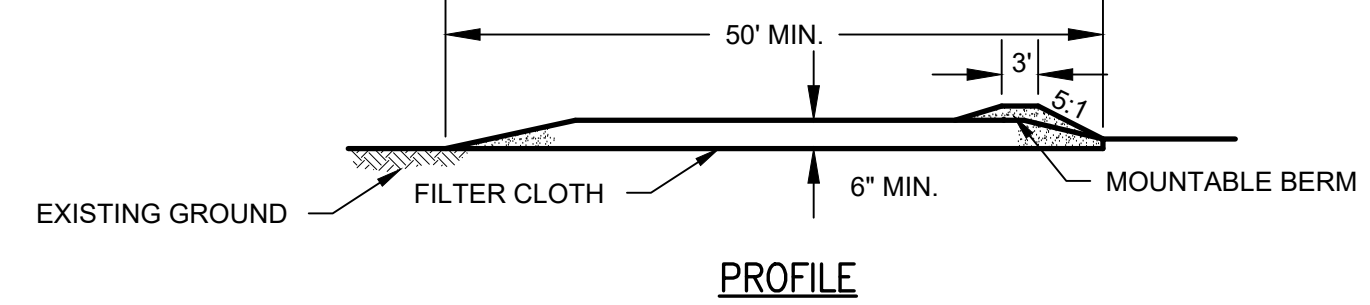
SECTION VIEW

SILT FENCE

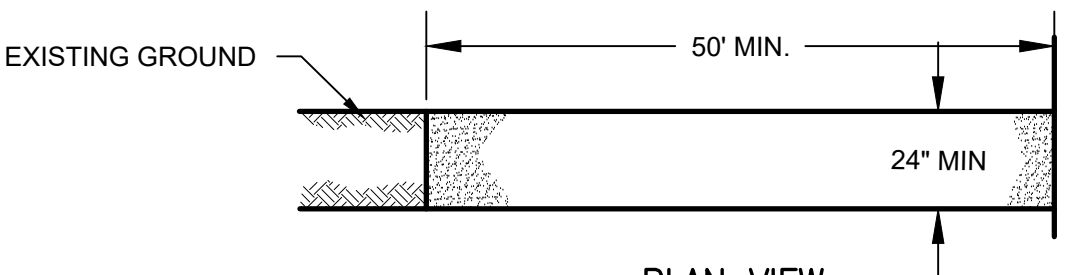
N.T.S.

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.



PROFILE



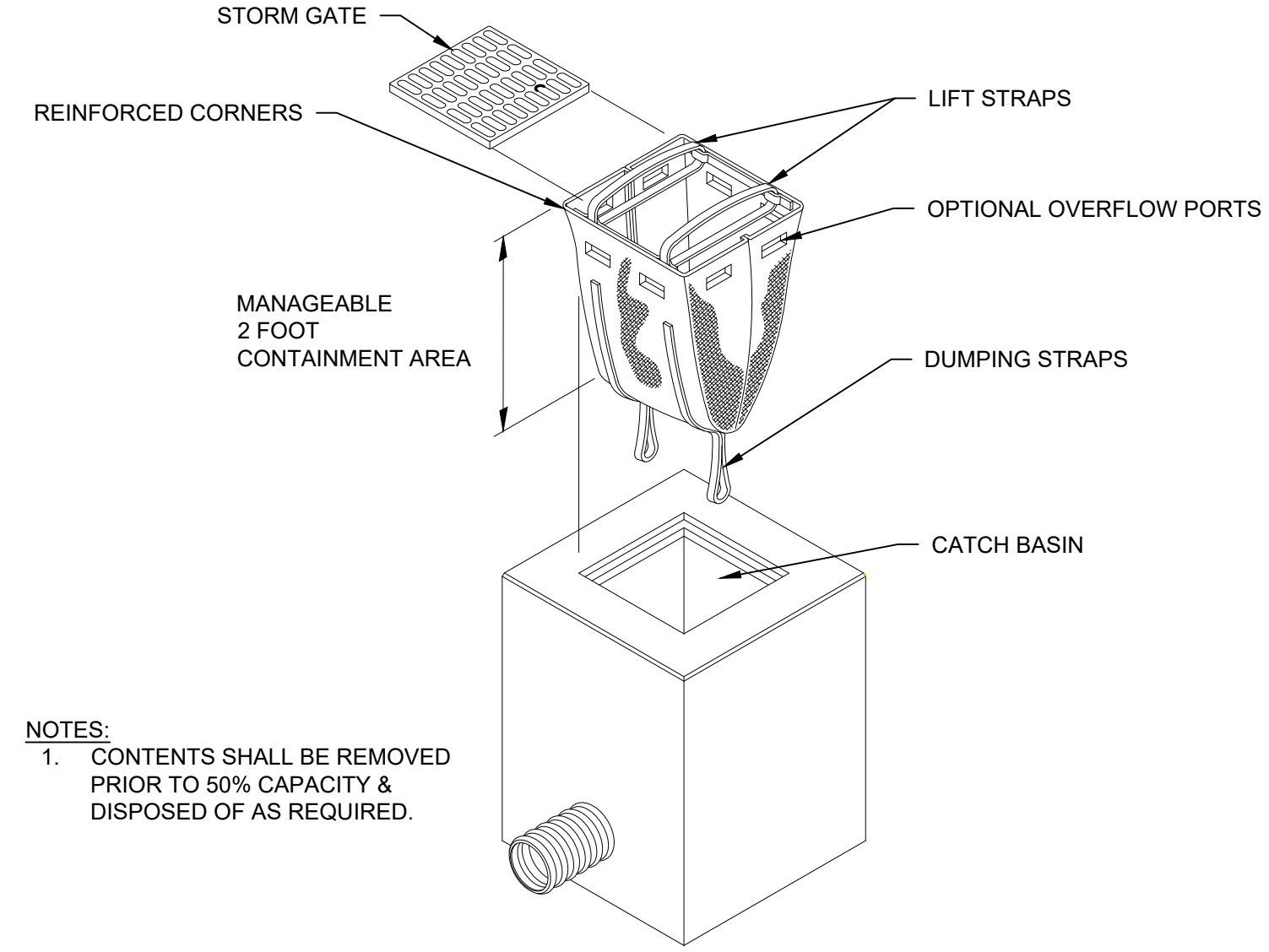
PLAN VIEW

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.

NOTES:

- STONE SIZE - USE #3 CRUSHED STONE OR GRAVEL (PER NYS DOT 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.

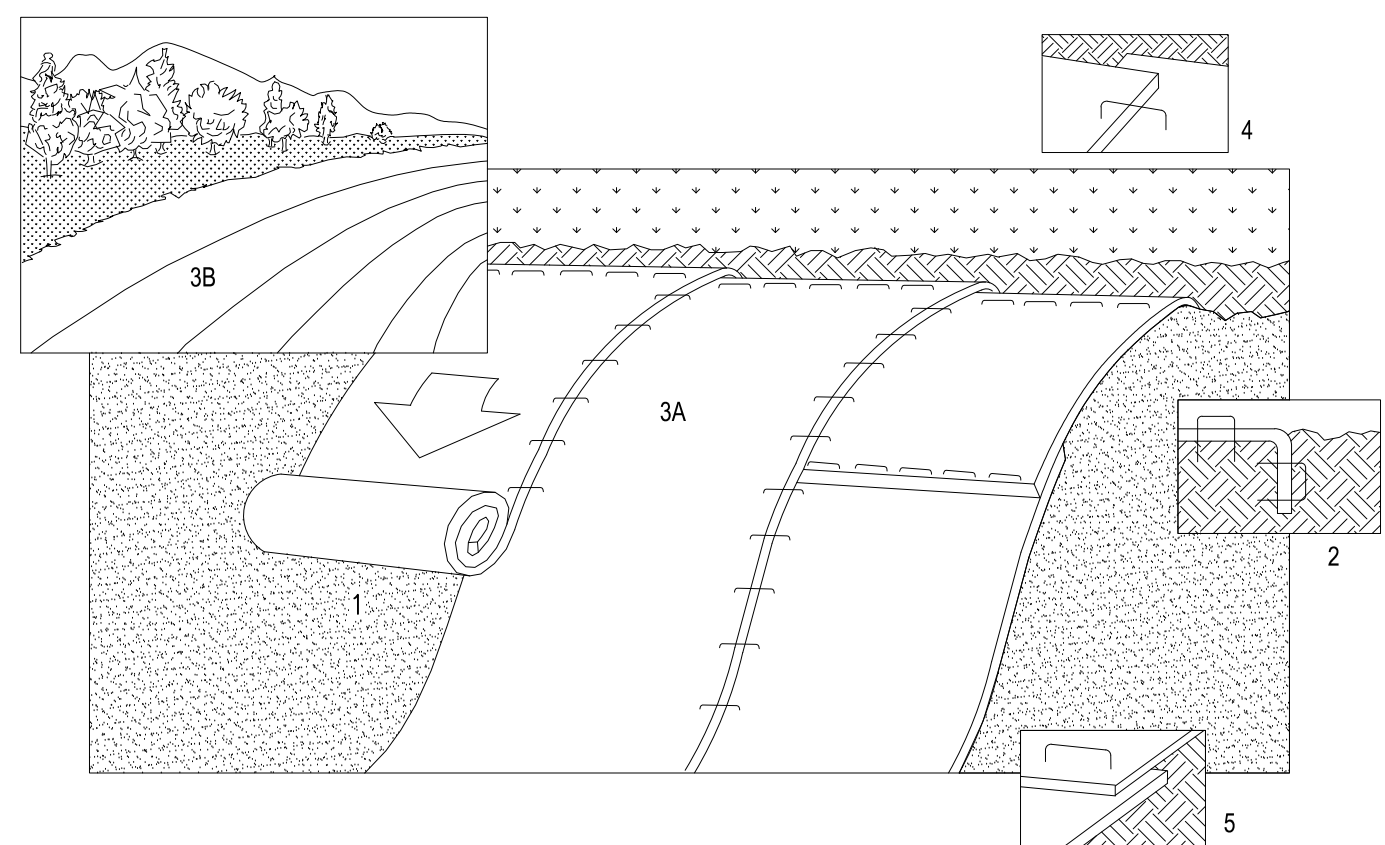


NOTES:

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

INLET PROTECTION

N.T.S.



INSTALLATION OF GEOSYNTHETIC EROSION CONTROL MATS:

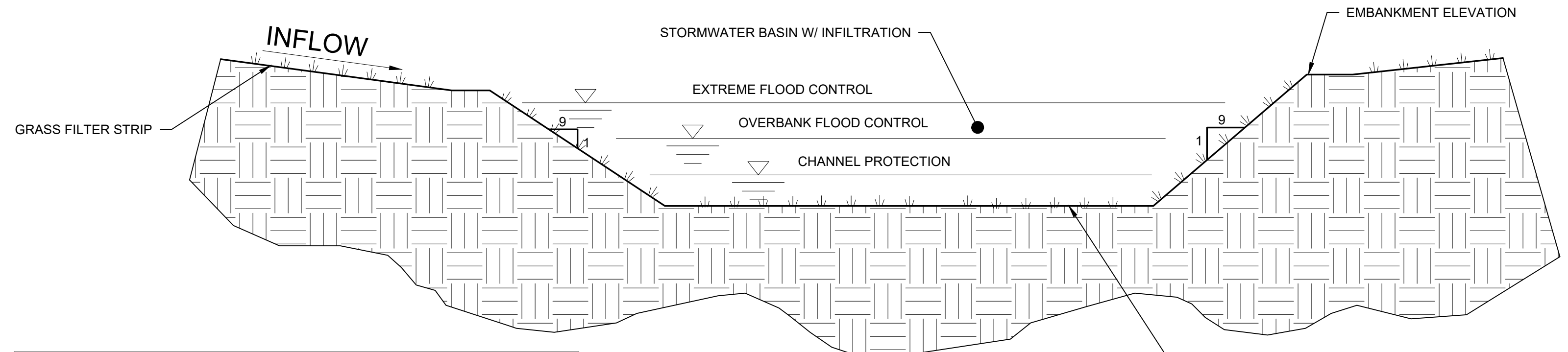
- EROSION CONTROL MATS SHALL BE UTILIZED ON ALL SLOPES OF 3:1 OR GREATER REQUIRING PERMANENT STABILIZATION. SLOPES SHALL BE PREPARED AND EROSION CONTROL MATS SHALL BE INSTALLED, ANCHORED AND SOIL FILLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION PROCEDURES.
- SEEDING SHALL BE COMPLETED IN ACCORDANCE WITH THE NYS DOT 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 NYS DOT 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.



STORMWATER BASIN ELEV. (FT)

IDENTIFIER NUMBER	6	7
EMBANKMENT ELEV.	414.0	415.0
BOTTOM ELEV.	413.0	414.0
EXTREME FLOOD CONTROL ELEV.	414.46	414.37
OVERBANK FLOOD CONTROL ELEV.	413.52	414.22
CHANNEL PROTECTION ELEV.	413.13	414.09
SEDIMENT CLEANOUT ELEV.	-	-
CHECK DAM ELEV.	414.0	415.0

NOTES:

- CONTRACTOR SHALL AVOID COMPACTING SOILS IN INFILTRATION BASIN FOOTPRINT. IF SOILS ARE COMPACTED, DECOMPACTION MUST BE PERFORMED PER THE SEASONAL HIGH GROUND WATER AND NYS DEC GUIDELINES FOR DEEP RIPPING AND DECOMPACTION.

STORMWATER BASIN DETAIL

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FINAL PLANS

NO.	DATE	DESCRIPTION

CLIENT:
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