

# CANANDAIGUA AIRPORT GA TERMINAL BUILDING

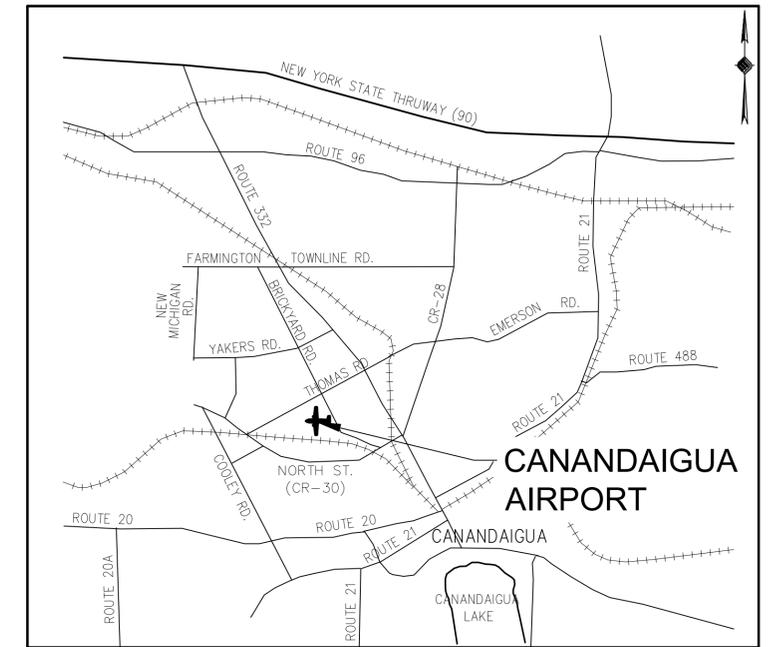
PRELIMINARY PLANS  
OCTOBER 07, 2020

TOWN OF CANANDAIGUA  
COUNTY OF ONTARIO  
STATE OF NEW YORK

COMPTROLLERS CONTRACT # K007326  
NYS DOT P.I.N. 4908.57



LOCATION MAP



VICINITY MAP

PREPARED FOR:



ONTARIO COUNTY INDUSTRIAL DEVELOPMENT AGENCY  
20 ONTARIO STREET, SUITE 106-B  
CANANDAIGUA, NY 14424  
(585) 396-4460  
WWW.ONTARIOCOUNTYDEV.ORG

PREPARED BY:



15 FISHERS ROAD, SUITE 200  
PITTSFORD, NEW YORK 14534

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CS-01	CONSTRUCTION SAFETY & PHASING PLAN
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PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

SEALED	ADAM J. FROSINO	
PE_NO	088870	
PE_DATE	10/07/2020	

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.

MCFARLAND JOHNSON PROJECT NUMBER: 18194.10

K:\CANANDAIGUA\18194 - GA TERMINAL - FINAL DESIGN\DRAWINGS\BRIEF FILES\18194-10\_COV.DWG

**GENERAL CONSTRUCTION NOTES**

- THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/ OR UTILITIES FROM FIELD LOCATION AND RECORD MAPPING. EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE THEIR RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 72 HOURS BEFORE YOU DIG, DRILL, OR LAST, CALL DIG SAFELY NEW YORK 1 (800) 962-7962.
- THE GENERAL PRIME CONTRACTOR SHALL HAVE ONSITE AT ALL TIMES EQUIPMENT AND PERSONNEL CAPABLE OF LOCATING AIRFIELD ELECTRICAL CIRCUITS. CONTRACTOR SHALL LOCATE ALL CIRCUITS AND MARK LOCATION 24 HOURS PRIOR TO COMMENCING WORK IN THAT AREA.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. EACH PRIME CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED WRITTEN APPROVAL OF THE ENGINEER.
- THE GENERAL PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC. AND SHALL COMPLY WITH ALL REQUIRED PERMITS.
- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, STANDARDS, ORDINANCES, RULES AND REGULATIONS.
- EACH PRIME CONTRACTOR SHALL:
  - VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.
  - EXAMINE THE SITE AND INCLUDE IN HIS WORK THE EFFECT OF ALL EXISTING CONDITIONS ON THE WORK.
  - PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.
  - HOLD THE OWNER HARMLESS AGAINST ANY AND ALL CLAIMS ARISING FROM WORK DONE BY THE CONTRACTOR ON THE SITE.
- ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION. SHEET PILING SHALL BE DESIGNED AND SEALED BY A NEW YORK STATE PROFESSIONAL ENGINEER.
- THE GENERAL PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR DE-WATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN EXISTING SITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION.
- ALL UTILITY WORK INVOLVING CONNECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE ENGINEER AND THE UTILITY OWNERS. NOTIFY THE ENGINEER AND THE UTILITY OWNER 72 HOURS BEFORE EACH AND EVERY CONNECTION TO EXISTING SYSTEMS IS MADE.
- ACCESS FOR RESCUE AND FIRE FIGHTING EQUIPMENT AND PERSONNEL SHALL BE MAINTAINED AT ALL TIMES. THE AIRPORT RESCUE AND FIRE FIGHTING OPERATIONS SHALL HAVE RIGHT-OF-WAY OVER ALL CONTRACTORS OPERATIONS AT ALL TIMES.
- EACH PRIME CONTRACTOR WILL SUBMIT A PROJECT HEALTH AND SAFETY PLAN TO THE RESIDENT ENGINEER A MINIMUM OF SEVEN (7) DAYS BEFORE THE START OF WORK.
- EACH PRIME CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS WORK ACTIVITIES ON THEIR RESPECTIVE CONTRACTS AND ALL DAMAGE SHALL BE REPAIRED AT THE EXPENSE OF EACH PRIME CONTRACTOR.
- THE BID PRICES SHALL INCLUDE ALL CONTRACTOR OPERATIONS AS SHOW ON THE PLANS, ESTIMATE OF QUANTITIES AND IN THE PROJECT SPECIFICATIONS. PAYMENT ITEMS AND CONSTRUCTION SPECIFICATIONS REFERENCE FEDERAL AVIATION ADMINISTRATION AND NYS DOT CONSTRUCTION STANDARDS.
- POINTS OF ACCESS TO WORK AREAS OTHER THAN THOSE SHOWN ON THE CONSTRUCTION DRAWINGS SITE PLAN SHALL BE AT THE DISCRETION OF THE AIRPORT MANAGEMENT.
- ALL PRIME CONTRACTORS ARE RESTRICTED TO THE WORK HOURS OF 7 AM - 5 PM MONDAY THRU FRIDAY. THE CONTRACTOR SHALL NOT WORK WEEKENDS OR HOLIDAYS WITHOUT WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE AND/ OR ENGINEER.
- THIS PROPERTY IS SUBJECT TO THE PROVISIONS OF THE TOWN OF CANANDAIGUA'S "RIGHT-TO-FARM LAW" AS THE PROPERTY MAY BE NEAR A FARM AS DEFINED IN THE NEW YORK STATE AGRICULTURE AND MARKETS LAW, SECTION 301, SUBSECTION 11. SOUND FARMING PRACTICES MAY GENERATE DUST, ODOR, SMOKE, NOISE, AND VIBRATION.

**AIRPORT CONSTRUCTION NOTES**

- IN ADDITION TO NORMAL SAFETY PRECAUTIONS EXPECTED OF EACH PRIME CONTRACTOR, IT IS NOTED THAT SPECIAL CONSIDERATIONS MUST BE GIVEN TO THE FACT THAT CONSTRUCTION ACTIVITY WILL BE TAKING PLACE WITHIN THE CONFINES OF AN ACTIVE AIRPORT. IN THIS REGARD, NO EQUIPMENT OR MATERIAL CAN BE LOCATED SO AS TO OBSTRUCT THE SAFE FLOW OF TRAFFIC ON THE EXISTING RUNWAY AND TAXIWAY SURFACES.
- ALL CONSTRUCTION VEHICLES OPERATING ON AIRPORT PROPERTY MUST BE PROVIDED WITH AN FAA APPROVED FLAG ON A STAFF AND ATTACHED TO THE VEHICLE, SO THAT THE FLAG WILL BE READILY VISIBLE. THE FLAG SHALL NOT BE LESS THAN THREE FEET SQUARE CONSISTING OF AVIATION ORANGE AND WHITE SQUARES OF NOT LESS THAN ONE FOOT ON EACH SIDE. ROTATING AMBER BEACONS SHALL BE USED AT NIGHT.
- THE GENERAL CONTRACTOR'S JOB SUPERINTENDENT IS TO MEET PRIOR TO THE START OF EACH WORKING DAY WITH THE PROJECT RESIDENT ENGINEER TO COORDINATE DAILY CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL MAINTAIN UNINTERRUPTED ACCESS FROM THE GATE AT THOMAS ROAD TO THE AIRPORT SECURITY BUILDING, FOR THE USE OF THE ONTARIO COUNTY SHERIFF'S DEPARTMENT, AND OTHER LAW ENFORCEMENT AGENCIES.
- THE GENERAL CONTRACTOR IS TO POST A GUARD AT ALL GATES USED FOR ACCESS OF CONSTRUCTION EQUIPMENT AND/OR PERSONNEL. IF NOT MANNED, GATES MUST BE SECURELY LOCKED.
- THE ACCESS ROUTE ILLUSTRATED ON THE PLAN IS TO BE USED FOR ACCESS TO THE WORK AREAS. ALL ACCESS ROADS TO STAGING AREAS AND/OR WORK AREAS ARE TO BE DEVELOPED AND MAINTAINED BY THE GENERAL CONTRACTOR. THESE ROADS AND ALL OTHER DISTURBED AREAS ARE TO BE RETURNED TO THEIR ORIGINAL CONDITION AT THE EXPENSE OF THE GENERAL CONTRACTOR UPON COMPLETION OF THE PROJECT. ANY RUTTING OR DAMAGE TO THE ACCESS ROAD SHALL BE REPAIRED IMMEDIATELY BY THE GENERAL CONTRACTOR, TO MAINTAIN ACCESS FOR LAW ENFORCEMENT.
- ANY FINES ASSESSED TO THE AIRPORT DUE TO VIOLATIONS BY ANY OF THE CONTRACTOR OF FAA SECURITY REQUIREMENTS WILL BE PASSED ON TO THE RESPONSIBLE PRIME CONTRACTOR.
- ANY FINES ASSESSED TO THE AIRPORT DUE TO VIOLATIONS BY ANY PRIME CONTRACTOR OF NYS DEC STORMWATER RUNOFF REQUIREMENTS WILL BE PASSED ON TO THE RESPONSIBLE PRIME CONTRACTOR.
- EACH PRIME CONTRACTOR SHALL COMPLY WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2G, THE PROJECT SPECIFICATIONS, AND THE PLANS FOR GUIDANCE ON OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. ALL DEBRIS DEPOSITED ON ANY AIRPORT PAVEMENT SHALL BE REMOVED CONTINUOUSLY DURING THE COURSE OF WORK. IN ADDITION, THE GENERAL CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PREVENT MATERIALS FROM ESCAPING FROM THE WORK AND/OR STOCKPILE AREAS. THIS WORK SHALL BE PAID FOR UNDER MAINTENANCE AND PROTECTION OF TRAFFIC, ITEM M-120-3.1
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUOUS REMOVAL OF FOREIGN OBJECT DEBRIS (FOD) FROM ALL AIRFIELD PAVEMENTS AND PUBLIC ROADWAYS. APPROPRIATE EQUIPMENT (SWEEPERS/VACUUM TRUCKS) SHALL BE ON SITE DURING ALL CONSTRUCTION WORK PERIODS. THIS WORK SHALL BE INCLUDED IN ITEM M-120-3.1, MAINTENANCE AND PROTECTION OF TRAFFIC.
- NOTICE TO AIRMEN (NOTAM) ON ALL CONSTRUCTION ACTIVITIES WILL BE DIRECTED THROUGH THE ENGINEER AND ISSUED BY THE AIRPORT. ALL CLOSURES OF ANY PORTION OF A TAXIWAY OR RUNWAY WILL REQUIRE A MINIMUM OF 72 HOURS NOTICE PRIOR TO THE REQUESTED CLOSURE. REQUESTS FOR CLOSURE MUST BE MADE BY THE GENERAL PRIME CONTRACTOR THROUGH THE ENGINEER AND WILL BE COORDINATED WITH THE AIRPORT. THE AUTHORITY TO CLOSE ANY AIRPORT FACILITY RESTS ENTIRELY WITH THE AIRPORT.
- ALL CONSTRUCTION EQUIPMENT MUST MAINTAIN A DISTANCE GREATER THAN 25 FEET FROM ANY PARKED AIRCRAFT.
- AT THE COMPLETION OF WORK IN ANY CONSTRUCTION PERIOD, AND PRIOR TO THE SCHEDULED OPENING OF THE DESIGNATED AIRFIELD FACILITIES, AN INSPECTION TO DETERMINE WHETHER THE RESPECTIVE AIRPORT FACILITIES ARE IN THE APPROPRIATE CONDITION TO BE OPENED WILL BE PERFORMED BY THE ENGINEER AND A REPRESENTATIVE OF THE AIRPORT. EACH PRIME CONTRACTOR'S CONSTRUCTION SUPERVISOR MUST BE PRESENT DURING THIS INSPECTION.
- ALL PRIME CONTRACTORS ATTENTION IS DIRECTED TO SECTION 80-12 OF THE CONTRACT SPECIFICATIONS FOR SPECIFIC PROJECT OPERATING REQUIREMENTS.
- CRANE NOTES: THE USE OF A CRANE REQUIRES THE ISSUANCE OF A NOTICE TO AIRMEN (NOTAM). THE GENERAL CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE PRIOR TO THE USE OF THE CRANE. THE CRANE SHALL BE EQUIPPED WITH AN ORANGE AND WHITE FLAG. THE BOOM SHALL BE LOWERED WHEN NOT IN USE.

**SURVEY NOTES**

- MAPPING PROVIDED BY RAVI ENGINEERING AND LAND SURVEYING P.C., MAY 2017.
- ALL LAYOUT USED FOR THE CONSTRUCTION WORK WILL BE SET BY THE CONTRACTOR USING THE CONTROL POINTS PROVIDED. THE BENCHMARK INFORMATION AND CONTROL POINTS (HORIZONTAL AND VERTICAL) SHOWN ON THE PLANS ARE PROVIDED FOR THE USE OF THE CONTRACTOR AND ARE INTENDED FOR GENERAL INFORMATION ONLY. ALL WORK INCLUDED IN ITEM M-150-5.1.
- ALL SURVEY REFERENCES THE NYSPCS NAD 83 CENTRAL ZONE AND DATUM NAVD88.
- ALL BUILDING LOCATION STAKEOUT IS SUBJECT TO THE OWNERS APPROVAL BEFORE CONSTRUCTION STARTS.

**CONTRACT BIDDING NOTES**

- GENERAL CONSTRUCTION INCLUDES ALL MPT, SURVEY, EXCAVATION, BACKFILL, CONCRETE, PAVEMENT, SUPPLY AND ERECTION OF BUILDING, DOORS, BUILDING INSULATION AND ALL INTERIOR FINISHING.
- DESIGN PER THE BUILDING CODE OF NEW YORK STATE INCLUDING SUPPLEMENTS THROUGH OCTOBER, 2020.
- EACH PRIME CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ALL PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM THE DIMENSIONS, MATERIALS, OR EQUIPMENT SHOWN ON THE DRAWINGS, AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO THE ENGINEER.
- GEOTECHNICAL REPORT HAS BEEN COMPLETED FOR THE PROJECT SITE AND IS AVAILABLE TO CONTRACTORS UPON REQUEST

ESTIMATE OF QUANTITIES				
CONTRACT 01 - GENERAL CONTRACTOR				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FINAL
M-100		LS	1	

ESTIMATE OF QUANTITIES				
CONTRACT 02 - ELECTRICAL CONTRACTOR				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FINAL
M-100		LS	1	

ESTIMATE OF QUANTITIES				
CONTRACT 03 - PLUMBING CONTRACTOR				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FINAL
M-100		LS	1	

ESTIMATE OF QUANTITIES				
CONTRACT 04 - MECHANICAL (HVAC) CONTRACTOR				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FINAL
M-100		LS	1	

**PRELIMINARY PLANS**

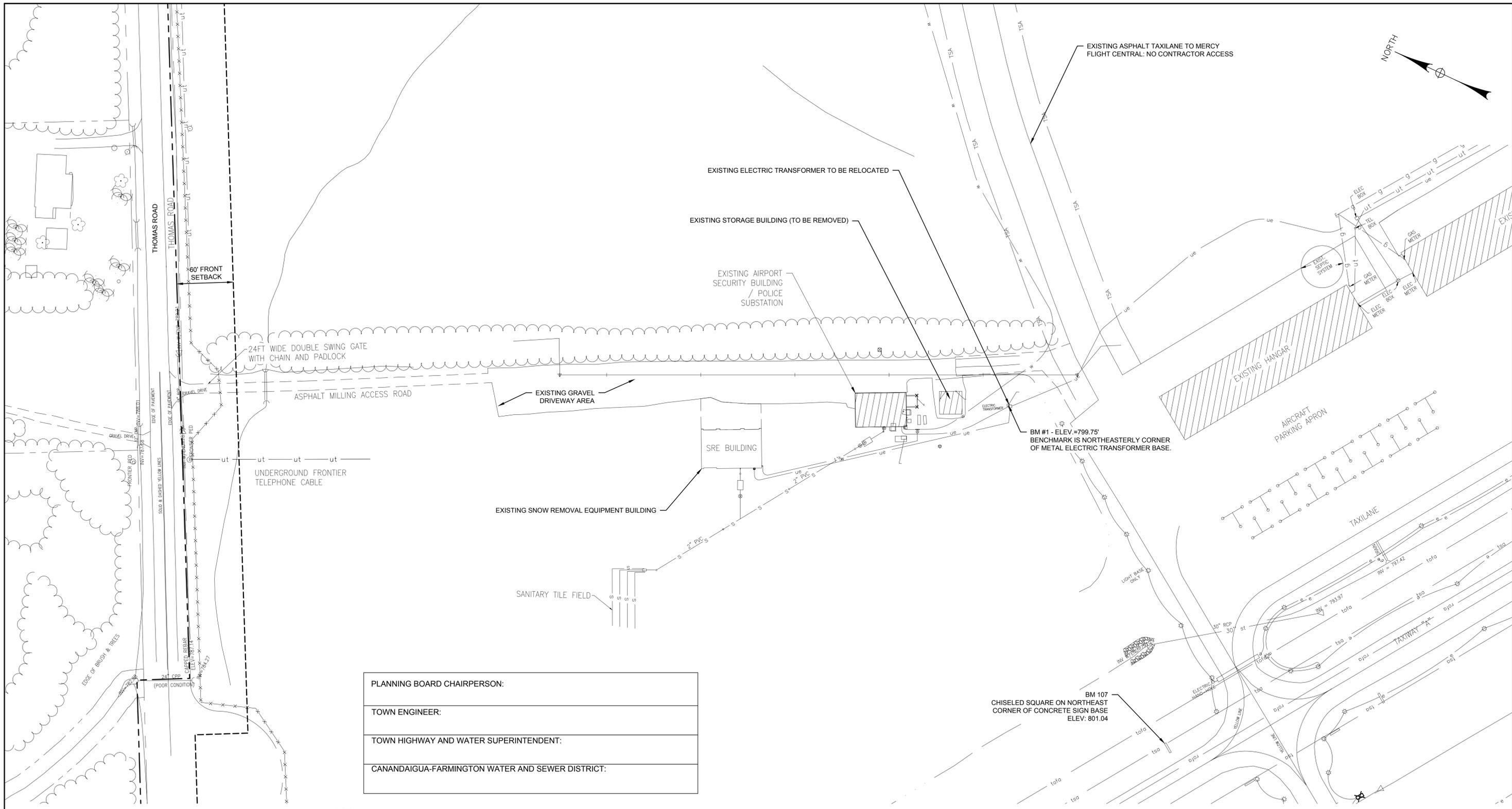
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PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:



REV	DATE	DESCRIPTION	BY
<p><b>McFarland Johnson</b> 15 FISHERS ROAD; SUITE 200 PITTSFORD, NEW YORK 14634</p>			

<p align="center"><b>CANANDAIGUA AIRPORT TOWN OF CANANDAIGUA, STATE OF NEW YORK GA TERMINAL BUILDING</b></p>			
<p align="center"><b>GENERAL NOTES &amp; QUANTITY TABLES</b></p>			
SCALE: ---	DESIGN: AJF	<p align="center"><b>GN-01</b></p>	<p align="center">1 OF 13</p>
DRAWN: JES	PROJECT:18194.10		
CHECKED: AJF	DATE: 10/07/2020		



EXISTING ASPHALT TAXILANE TO MERCY FLIGHT CENTRAL: NO CONTRACTOR ACCESS

EXISTING ELECTRIC TRANSFORMER TO BE RELOCATED

EXISTING STORAGE BUILDING (TO BE REMOVED)

EXISTING AIRPORT SECURITY BUILDING / POLICE SUBSTATION

24FT WIDE DOUBLE SWING GATE WITH CHAIN AND PADLOCK

ASPHALT MILLING ACCESS ROAD

EXISTING GRAVEL DRIVEWAY AREA

SRE BUILDING

EXISTING SNOW REMOVAL EQUIPMENT BUILDING

SANITARY TILE FIELD

BM #1 - ELEV = 799.75'  
BENCHMARK IS NORTHEASTERLY CORNER OF METAL ELECTRIC TRANSFORMER BASE.

EXISTING HANGAR  
AIRCRAFT PARKING APRON  
TAXILANE  
TAXIWAY "A"

BM 107  
CHISELED SQUARE ON NORTHEAST CORNER OF CONCRETE SIGN BASE  
ELEV: 801.04

PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

**NOTES:**

**SURVEY NOTES:**

- TOPOGRAPHIC SURVEY & MAPPING PROVIDED BY RAVI ENGINEERING & LAND SURVEYING, P.C. MAY 2011 (ORIGINAL) AND UPDATED MAY 2017.
- HORIZONTAL DATUM IS NYSPCS, CENTRAL ZONE, NAD 83.
- VERTICAL CONTROL DATUM IS NAVD88.

**CONCURRENT PROJECT/ WORK BY OTHERS**

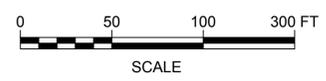
DURING CONSTRUCTION OF THIS PROJECT, WORK ON ADDITIONAL CONSTRUCTION OR MAINTENANCE PROJECTS MAY OCCUR CONCURRENTLY, REQUIRING COORDINATION BY EACH OF THE PRIME CONTRACTORS WITH OTHER CONTRACTORS, MAINTENANCE PERSONNEL OR AGENCIES.

**PROJECT SCOPE**

THIS PROJECT INCLUDES BUT IS NOT LIMITED TO THE CONSTRUCTION OF A NEW GA TERMINAL BUILDING FOR THE PURPOSE OF HOUSING AIRPORT STAFF, PILOT'S LOUNGE, FLIGHT TRAINING CENTER AND OTHER AIRPORT PROVIDED AMENITIES. THE PROJECT ALSO INCLUDES ALL SITE WORK, UTILITIES AND FOUNDATIONS AND FOOTINGS FOR CONSTRUCTION OF THE NEW BUILDING, AS WELL AS CONSTRUCTION OF A NEW ASPHALT PARKING LOT.

**LEGEND**

ue	EXISTING UNDERGROUND ELECTRICAL LINE
w	EXISTING WATER LINE
ut ut	EXISTING UNDERGROUND TELEPHONE LINE
s s s	EXISTING SANITARY LINE
x x x x x x x x	EXISTING FENCE
⊙	LIGHT BASE
⊙	EXISTING AIRCRAFT TIE-DOWN
▨	EXISTING BUILDING
- - - - -	BUILDING OFFSET (TOWN CODE)



**PRELIMINARY PLANS**

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	<p><b>CANANDAIGUA AIRPORT</b> TOWN OF CANANDAIGUA, STATE OF NEW YORK</p> <p><b>GA TERMINAL BUILDING</b></p>																	
	<p><b>EXISTING CONDITIONS &amp; SURVEY CONTROL PLAN</b></p>																	
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY					<p><b>McFarland Johnson</b> 15 FISHERS ROAD; SUITE 200 PITTSFORD, NEW YORK 14534</p>		<table border="1"> <tr> <td>SCALE: 1"=50'</td> <td>DESIGN: AJF</td> <td rowspan="3"><b>EC-01</b> 2 OF 13</td> </tr> <tr> <td>DRAWN: JES</td> <td>PROJECT: 18194.10</td> </tr> <tr> <td>CHECKED: AJF</td> <td>DATE: 10/07/2020</td> </tr> </table>	SCALE: 1"=50'	DESIGN: AJF	<b>EC-01</b> 2 OF 13	DRAWN: JES	PROJECT: 18194.10	CHECKED: AJF	DATE: 10/07/2020
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WORK AREA	DESCRIPTION OF WORK	OPERATIONAL IMPACTS	MPT MEASURES	LIMITATIONS/ DURATION
I	<ul style="list-style-type: none"> <li>- MOBILIZATION</li> <li>- CONSTRUCTION STAGING AREA</li> <li>- SURVEY &amp; STAKEOUT</li> <li>- INSTALL CONSTRUCTION FENCING &amp; ESC</li> <li>- CONSTRUCT SITE GRADING</li> <li>- CONSTRUCT BUILDING FOUNDATION</li> <li>- CONSTRUCT SITE UTILITIES</li> <li>- CONSTRUCT TERMINAL BUILDING</li> <li>- CONSTRUCT TERMINAL PARKING LOT</li> <li>- TOPSOILING</li> <li>- HYDROSEEDING</li> </ul>	- NONE: ALL WORK IS OUTSIDE OF A.O.A.	<ul style="list-style-type: none"> <li>- ROADWAY SIGN</li> <li>- TEMP STOP SIGN</li> <li>- AVIATION BARRICADES</li> <li>- CONSTRUCTION FENCE</li> </ul>	120 CALENDAR DAYS

**AIRPORT COMMUNICATIONS:**

RADIO FREQUENCY: CTAF/ UNICOM 122.8

AWOS (WEATHER): 118.675

AIRPORT MANAGER: 315-243-7428

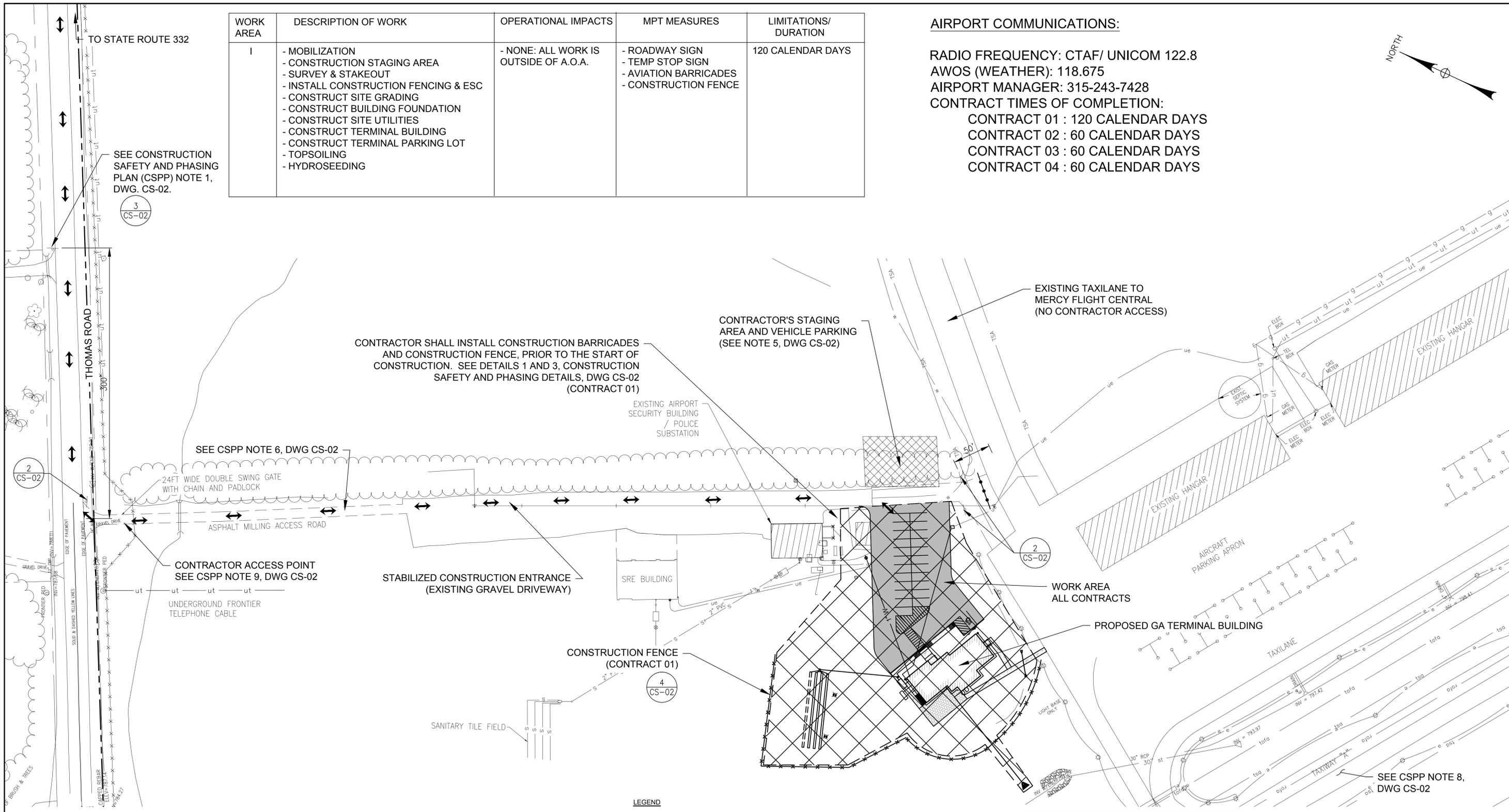
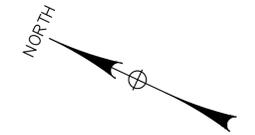
CONTRACT TIMES OF COMPLETION:

CONTRACT 01 : 120 CALENDAR DAYS

CONTRACT 02 : 60 CALENDAR DAYS

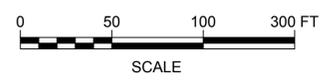
CONTRACT 03 : 60 CALENDAR DAYS

CONTRACT 04 : 60 CALENDAR DAYS



**LEGEND**

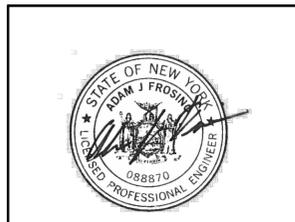
- LOW PROFILE CONSTRUCTION BARRIER (I OR II DENOTES WORK AREA FOR BARRICADES)
- CONSTRUCTION FENCE
- EXISTING CHAINLINK FENCE
- CONTRACTOR'S HAUL ROUTE
- CONTRACTOR'S STAGING AREA
- WORK AREA I



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CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:



**McFarland Johnson**

15 FISHERS ROAD; SUITE 200  
PITTSFORD, NEW YORK 14534

REV	DATE	DESCRIPTION	BY

**CANANDAIGUA AIRPORT**  
TOWN OF CANANDAIGUA, STATE OF NEW YORK

**GA TERMINAL BUILDING**

**CONSTRUCTION SAFETY & PHASING PLAN**

SCALE: 1"=50'	DESIGN: AJF	<b>CS-01</b> 3 OF 13
DRAWN: JES	PROJECT: 18194.10	
CHECKED: AJF	DATE: 10/07/2020	

K:\CANANDAIGUA\18194.10 GA TERMINAL - FINAL DESIGN\DRAWINGS\CSHEET FILES\18194.10\_CSPP.DWG

**CONSTRUCTION SAFETY AND PHASING PLAN NOTES**

- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION RELATED SIGNAGE, BARRICADES AND OTHER MAINTENANCE AND PROTECTION OF TRAFFIC RELATED ITEMS.
- THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE AND A HEALTH AND SAFETY PLAN TO THE ENGINEER PRIOR TO COMMENCING WORK ON THE AIRPORT. THE CONSTRUCTION SCHEDULE SHALL BE REVISED WEEKLY. NO WORK WILL BE ALLOWED OUTSIDE THE AREAS INCLUDED IN THE APPROVED SCHEDULE.
- THE CONTRACTOR SHALL COORDINATE ALL CLOSURES WITH THE OWNER AND ENGINEER. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF ANY REQUIRED CLOSURE OF PAVEMENT OR AREA.
- ALL WORK ON PLANS CS-01 AND CS-02, UNLESS OTHERWISE NOTED, SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM M-120-3.1, MAINTENANCE AND PROTECTION OF TRAFFIC.
- FINAL LOCATION AND DIMENSIONS OF CONTRACTOR'S STAGING AREA SHALL BE DETERMINED IN THE FIELD BY THE OWNER, ENGINEER AND CONTRACTOR.
- PRIOR TO THE START OF CONSTRUCTION, THE ENGINEER AND CONTRACTOR SHALL COOPERATIVELY DOCUMENT THE CONDITION OF ALL HAUL ROUTES, INCLUDING THE PUBLIC HIGHWAY (THOMAS ROAD).
- AT NO TIME SHALL THE CONTRACTOR'S PERSONNEL, EQUIPMENT OR VEHICLES ENTER THE RUNWAY OR TAXIWAY OBJECT FREE ZONES (ROFZ & TOFZ), OR ANY AIRFIELD PAVED AREA, UNLESS AUTHORIZED BY THE OWNER AND THE WORK AREA IS CLOSED TO AIRCRAFT. CONTRACTOR SHALL COORDINATE ALL WORK IN THE AIR OPERATIONS AREA (AOA) WITH THE ENGINEER.
- CONTRACTOR'S ACCESS TO THE PROJECT SITE SHALL BE VIA THE SERVICE ROAD AND GATE AT THOMAS ROAD. NO OTHER AIRPORT GATE, ENTRANCE OR HAUL ROUTE SHALL BE UTILIZED BY THE CONTRACTOR OR HIS FORCES WITH PRIOR APPROVAL BY THE ENGINEER. AT NO TIME SHALL THE CONTRACTOR CROSS ACTIVE AIRFIELD PAVEMENT, EXCEPT DURING THE WORK IN WORK AREA II, AND WITH PRIOR APPROVAL OF THE ENGINEER.
- CONSTRUCTION PROGRESS MEETINGS SHALL BE HELD IN THE ENGINEER'S FIELD OFFICE IN THE STAGING AREA, UNLESS OTHERWISE ARRANGED.
- ALL COSTS ASSOCIATED WITH THE PREPARATION, SET UP, TEAR DOWN AND RESTORATION OF THE CONTRACTOR'S STAGING AREA, INCLUDING FENCE, SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR MOBILIZATION, ITEM M-100-5.1.
- THE CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL AT THE STAGING AREA AND GA TERMINAL BUILDING SITE, FOR USE IN SITE RESTORATION AT THE CONCLUSION OF CONSTRUCTION. TOPSOIL STOCKPILES SHALL BE TEMPORARILY SEEDED AND EROSION AND SEDIMENT CONTROL MEASURES PLACED AROUND THE TOPSOIL STOCKPILES.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO, AND THE CONTRACTOR SHALL FULLY ADHERE TO, APPENDIX A OF THE CONTRACT DOCUMENTS, FEDERAL AVIATION ADVISORY CIRCULAR 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.

**PROJECT PHASING**

- THE CONTRACT TIME OF COMPLETION FOR ALL WORK SHALL BE:

CONTRACT 01 GENERAL CONSTRUCTION  
120 CALENDAR DAYS FROM THE DATE ON THE NOTICE TO PROCEED

CONTRACT 02 ELECTRICAL CONSTRUCTION  
60 CALENDAR DAYS FROM THE DATE ON THE NOTICE TO PROCEED

CONTRACT 03 PLUMBING CONSTRUCTION  
60 CALENDAR DAYS FROM THE DATE ON THE NOTICE TO PROCEED

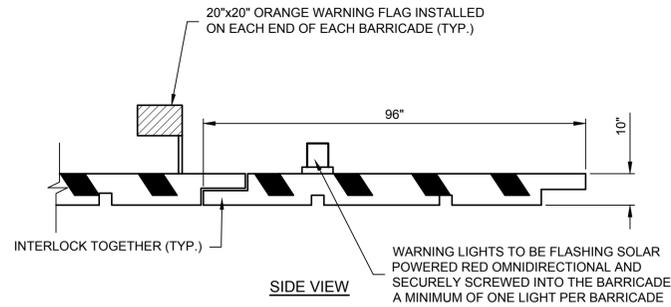
CONTRACT 03 MECHANICAL (HVAC) CONSTRUCTION  
60 CALENDAR DAYS FROM THE DATE ON THE NOTICE TO PROCEED

- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH 14 DAYS ADVANCE NOTICE IN WRITING PRIOR TO THE START OF CONSTRUCTION, TO ALLOW FOR THE APPROPRIATE COORDINATION WITH FAA AND NOTIFICATION OF AIRPORT BUSINESSES AND TENANTS.

- A THREE (3)-DAY NOTICE IS REQUIRED FOR ISSUANCE OF NOTICES TO AIRMEN (NOTAMS) FOR EACH WORK AREA. NOTAMS WILL BE ISSUED BY THE AIRPORT OWNER AND MANAGEMENT.

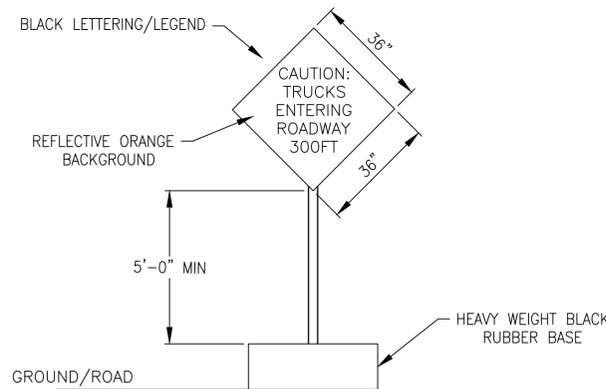
**WORK AREA I (SPRING 2021)**

- TIME OF COMPLETION: ALL WORK IN ALL CONTRACTS IN WORK AREA I SHALL BE COMPLETED WITHIN 75 CALENDAR DAYS FROM THE START OF CONSTRUCTION. WORK IN WORK AREA I SHALL BEGIN FIRST, AND MAY RUN CONCURRENTLY WITH CONSTRUCTION IN WORK AREA II.
- DAYTIME WORK RESTRICTIONS: 7:00 A.M. - 5:00 P.M. MONDAY - FRIDAY.
- WORK IN WORK AREA 1 SHALL INCLUDE ALL CONSTRUCTION ACTIVITIES REQUIRED FOR CONSTRUCTION OF THE NEW GA TERMINAL BUILDING, PARKING AREA, UTILITIES, STAGING AREA AND EMPLOYEE PARKING.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC ITEMS SHALL BE PLACED PRIOR TO THE START OF CONSTRUCTION AND REVIEWED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE EQUIPMENT ON SITE TO CONTINUOUSLY MAINTAIN THE CONSTRUCTION HAUL ROUTE. ALL PUBLIC ROADWAYS SHALL BE INSPECTED AND CLEANED PRIOR TO THE CONTRACTOR LEAVING THE SITE ON A DAILY BASIS, OR AS ORDERED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS ON ALL PUBLIC ROADS THROUGHOUT THE PROJECT. THIS SHALL INCLUDE ACCESS FOR AIRPORT EMPLOYEES, LAW ENFORCEMENT AND AIRPORT MAINTENANCE ON THOMAS ROAD AND THE SERVICE ROAD EXTENDING FROM THOMAS ROAD, THROUGH THE GATE AND ON THE SERVICE ROAD TO THE AIRFIELD.
- LIQUIDATED DAMAGES: FAILURE TO COMPLETE ALL REQUIRED WORK IN WORK AREA I WITHIN THE CALENDAR DAYS SPECIFIED WILL RESULT IN THE ASSESSMENT OF LIQUIDATED DAMAGES IN THE AMOUNT OF \$1,500 FOR EACH CALENDAR DAY OR PORTION THEREOF IN WHICH WORK ITEMS REMAIN INCOMPLETE.



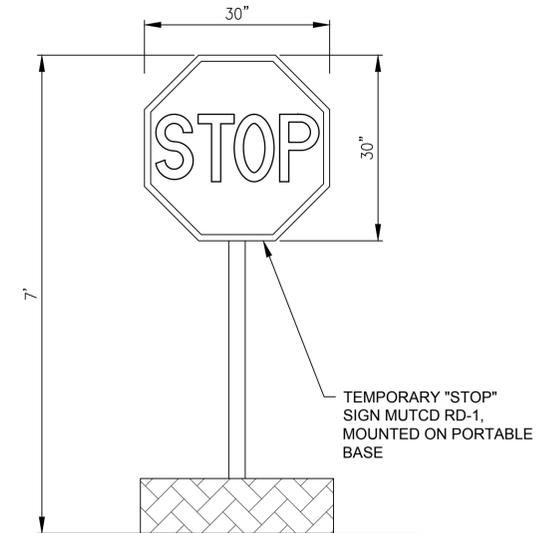
**1 LOW PROFILE CONSTRUCTION BARRICADE DETAIL**  
NOT TO SCALE  
(INCLUSIVE TO ITEM M-120-3.1)  
(CONTRACT 01)

- NOTES:**
- BARRICADES SHALL BE OTW SAFETY AIRPORT BARRICADE (MODEL NO. AR10x96) OR APPROVED EQUAL. ALL BARRICADES SHALL BE NEW AT THE START OF CONSTRUCTION.
  - BARRICADES SHALL BE IN COMPLIANCE WITH AC 150/5370-2F.
  - OMNIDIRECTIONAL LIGHTS SHALL BE OTW SAFETY (MODEL NO. C01) FLASHING RED SOLAR LIGHT OR APPROVED EQUAL. LIGHTS SHALL SECURELY ATTACH TO THE BARRICADES. ALL LIGHTS SHALL BE NEW WHEN THE BARRICADES ARE INSTALLED. THE CONTRACTOR SHALL REPLACE ANY BROKEN OR FAILED LIGHTS IMMEDIATELY.
  - THE CONTRACTOR SHALL CLEAN AND MAINTAIN ALL BARRICADES, LIGHTS, AND FLAGS THROUGHOUT THE DURATION OF CONSTRUCTION, AND DURING PERIODS OF NON-WORK, INCLUDING ANY WINTER SHUTDOWN PERIOD.
  - FLAGS SHALL SECURELY ATTACH TO THE BARRICADE AND BE MAINTAINED IN GOOD CONDITION AT ALL TIMES, AS DETERMINED BY THE ENGINEER. WORN OR TATTERED FLAGS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
  - INSTALLED BARRICADES SHALL BE FILLED WITH WATER TO COUNTERACT WIND AND/OR JET BLAST. DURING SUB-FREEZING TEMPERATURES, FILL WITH POTASSIUM ACETATE OR CALCIUM CHLORIDE SOLUTION.



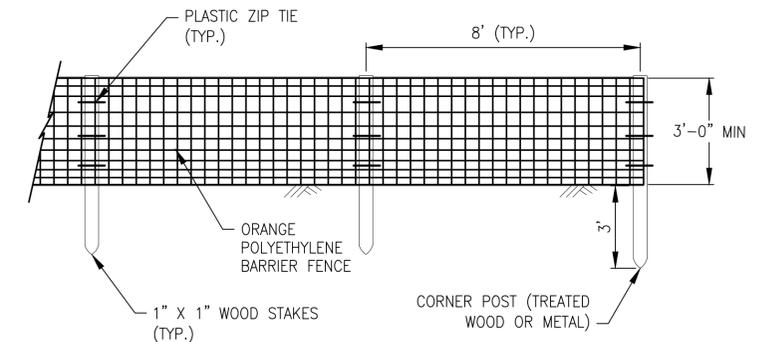
- NOTES:**
- ROADWORK SIGN SHALL BE CONSTRUCTED AND PLACED PER NYSMUTCD, LATEST EDITION
  - SIGN SHALL BE BLACK LETTERING/LEGEND ON REFLECTIVE ORANGE BACKGROUND
  - SIGNS SHALL BE PLACED A MINIMUM OF 24 HOURS PRIOR TO WORK IN ROADWAY

**3 ROADWORK SIGN DETAIL**  
NOT TO SCALE  
(INCLUSIVE TO ITEM M-120-3.1)  
(CONTRACT 01)



- NOTE:**
- SHOULD SIGN BE LARGER THAN 30" x 30", IT SHALL BE MOVED OUTSIDE THE LIMITS OF THE TAXIWAY OBJECT-FREE AREA.

**2 TEMPORARY STOP DETAIL**  
NOT TO SCALE  
(INCLUSIVE TO ITEM M-120-3.1)  
(CONTRACT 01)



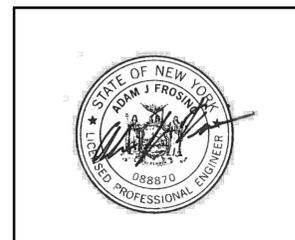
- NOTES:**
- CONTRACTOR SHALL PLACE FENCE IN THE LOCATIONS SHOWN ON THE PLANS OR ADBE.
  - CONTRACTOR SHALL INSPECT FENCE ON A DAILY BASIS AND SHALL REPAIR/REPLACE ANY DAMAGED SECTIONS AS REQUIRED OR ADBE.
  - IF REQUIRED, THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE FENCE AS REQUIRED BY THE SEQUENCE OF WORK.

**4 CONSTRUCTION FENCE DETAIL**  
NOT TO SCALE  
(INCLUSIVE TO ITEM M-120-3.1)  
(CONTRACT 01)



**PRELIMINARY PLANS**

PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:



**McFarland Johnson**  
15 FISHERS ROAD; SUITE 200  
PITTSFORD, NEW YORK 14634

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.

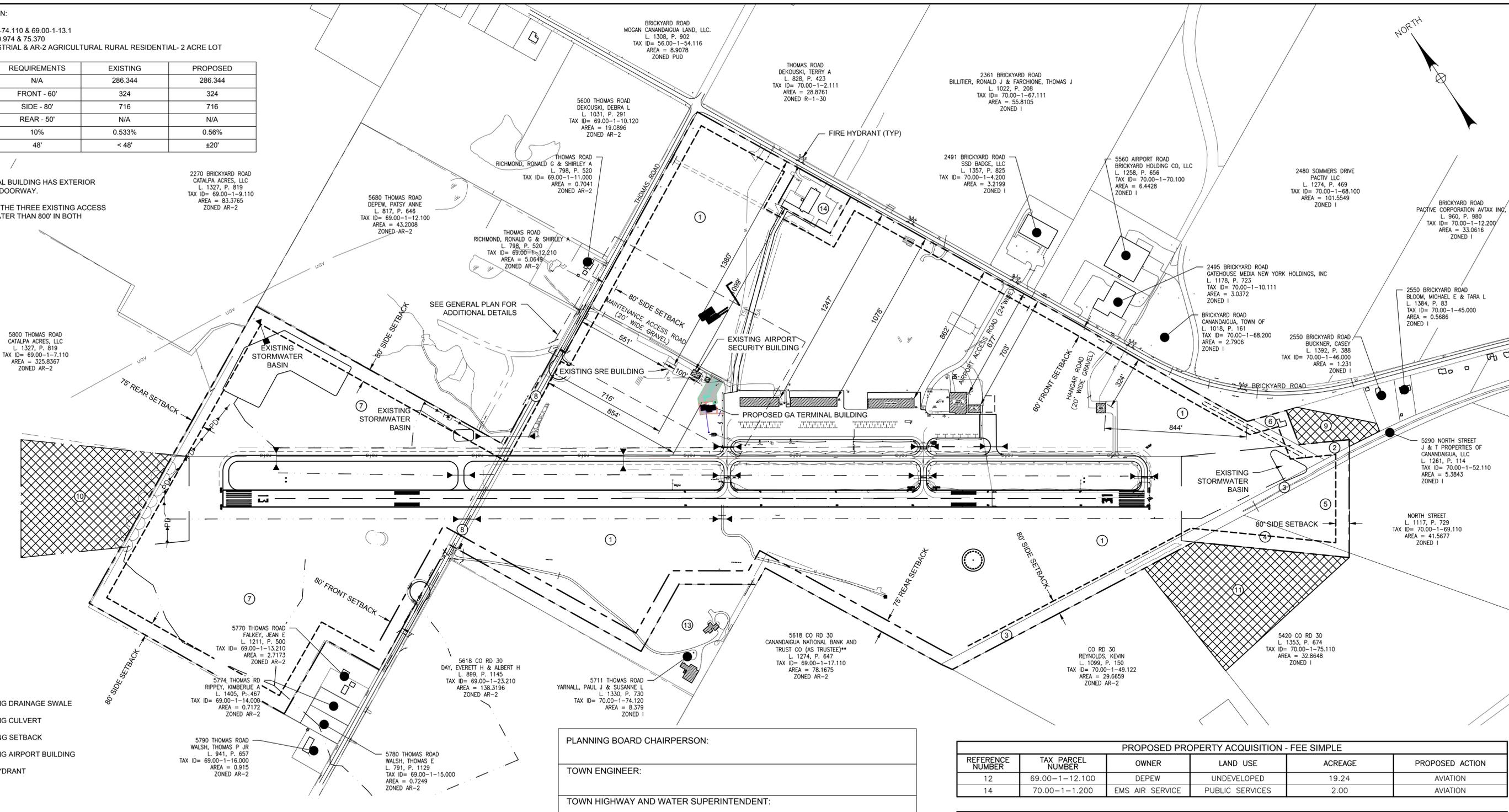
<b>CANANDAIGUA AIRPORT</b> <b>TOWN OF CANANDAIGUA, STATE OF NEW YORK</b>			
<b>GA TERMINAL BUILDING</b>			
<b>CONSTRUCTION SAFETY &amp; PHASING</b> <b>DETAILS</b>			
SCALE:	N/A	DESIGN:	AJF
DRAWN:	JES	PROJECT:	18194.10
CHECKED:	AJF	DATE:	10/07/2020
			<b>CS-02</b> 4 OF 13

ZONING INFORMATION:

TAX ID# 70.00-1-74.110 & 69.00-1-13.1  
 ACREAGE = 210.974 & 75.370  
 ZONED I- INDUSTRIAL & AR-2 AGRICULTURAL RURAL RESIDENTIAL- 2 ACRE LOT

FEATURES	REQUIREMENTS	EXISTING	PROPOSED
PARCEL SIZE	N/A	286.344	286.344
MIN. BLDG. SETBACKS	FRONT - 60'	324	324
	SIDE - 80'	716	716
	REAR - 50'	N/A	N/A
MAX BLDG. COVERAGE	10%	0.533%	0.56%
MAX. BLDG. HEIGHT	48'	< 48'	±20'

- NOTES:
- PROPOSED TERMINAL BUILDING HAS EXTERIOR LIGHTS OVER EACH DOORWAY.
  - SIGHT DISTANCE AT THE THREE EXISTING ACCESS DRIVEWAYS IS GREATER THAN 800' IN BOTH DIRECTIONS.



- LEGEND:
- EXISTING DRAINAGE SWALE
  - EXISTING CULVERT
  - BUILDING SETBACK
  - EXISTING AIRPORT BUILDING
  - FIRE HYDRANT

PLANNING BOARD CHAIRPERSON:

TOWN ENGINEER:

TOWN HIGHWAY AND WATER SUPERINTENDENT:

CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	LAND USE	ACREAGE	PROPOSED ACTION
12	69.00-1-12.100	DEPEW	UNDEVELOPED	19.24	AVIATION
14	70.00-1-1.200	EMS AIR SERVICE	PUBLIC SERVICES	2.00	AVIATION

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	BOOK / PAGE	ACREAGE	ACQUISITION DATE
13	70.00-1-74.120	YARNALL	1330 / 730	8.07	10-03-14

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	BOOK / PAGE	ACREAGE	AIP NUMBER	ACQUISITION DATE
1	70.00-1-49.210	OCIDA	976 / 488	199.56	3-36-0093-03-92	07-01-1993
2	70.00-1-47.000	OCIDA	1143 / 317	0.44	3-36-0093-15-04	06-28-2005
3	70.00-1-52.100	OCIDA	1143 / 322	4.00	3-36-0093-15-04	06-28-2005
4	70.00-1-49.111	OCIDA	1149 / 542	2.21	3-36-0093-15-04	09-30-2005
5	70.00-1-49.114	OCIDA	1156 / 698	4.00	3-36-0093-15-04	01-27-2006
6	70.00-1-48.000	OCIDA	1179 / 100	0.54	3-36-0093-20-06	02-02-2007
7	69.00-1-13.100	OCIDA	1257 / 167	74.63	3-36-0093-26-10	02-08-2011
8	N/A	OCIDA	N/A	2.37	N/A	07-27-2012

REFERENCE NUMBER	TAX PARCEL NUMBER	OWNER	BOOK / PAGE	ACREAGE	AIP NUMBER	ACQUISITION DATE
9	70.00-1-47.100	CONNELLY	1247 / 835	1.80	3-36-0093-24-09	03-07-2012
10	69.00-1-7.110	PRITCHARD	1281 / 85-98	11.80	3-36-0093-29-12	07-10-2012
11	70.00-1-75.100	LINK & MILLS	1282 / 686-695	10.80	3-36-0093-24-09	09-09-2012

DESCRIPTION	EXISTING	PROPOSED
RUNWAY PROTECTION ZONE (RPZ)	NOT SHOWN	
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
MISCELLANEOUS BUILDINGS		
TO BE REMOVED		
AIRPORT PROPERTY LINE		
LAND TO BE RELEASED		
AVIGATION EASEMENT		
OTHER PROPERTY LINES		



PRELIMINARY PLANS



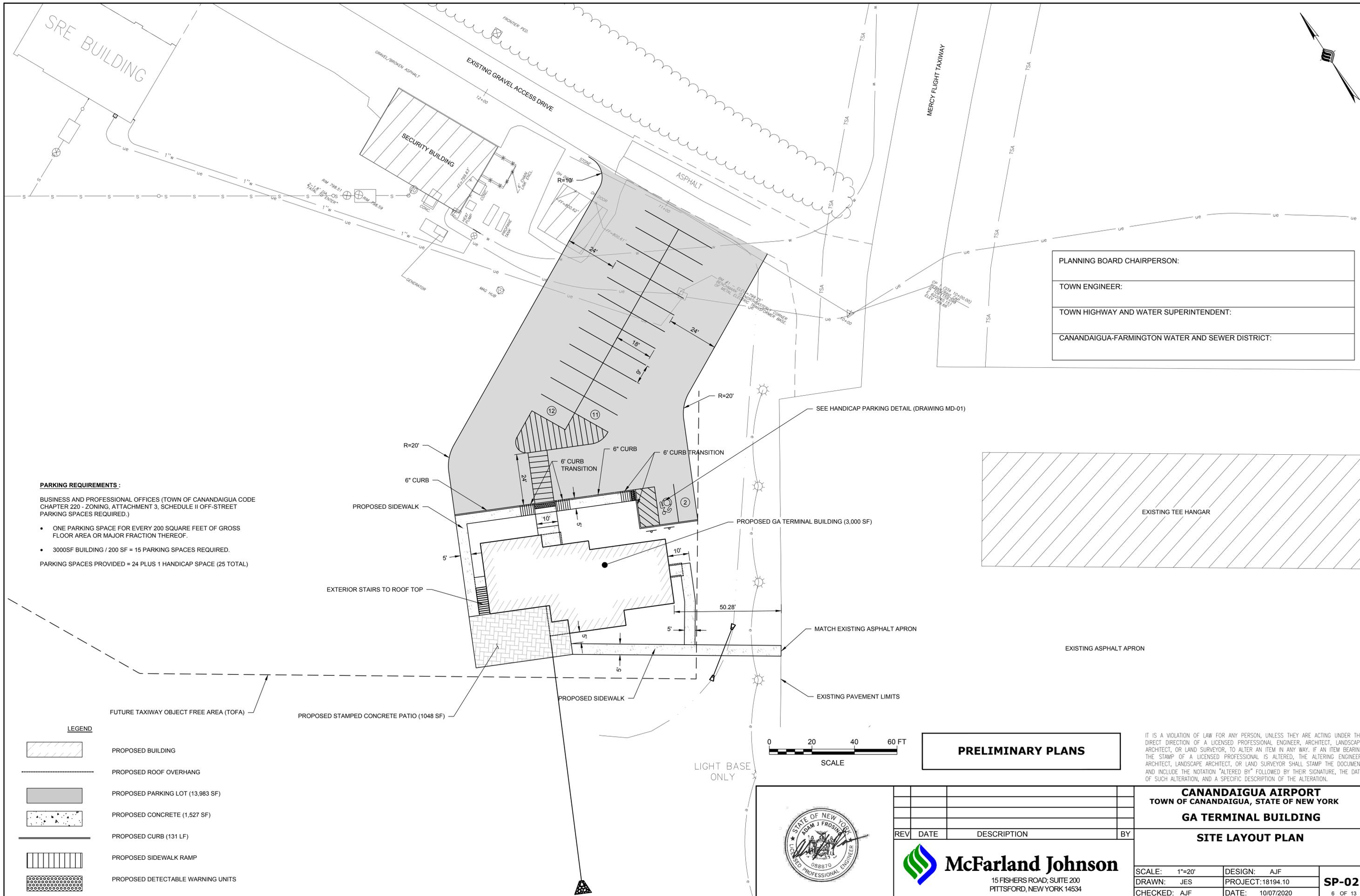
**McFarland Johnson**  
 15 FISHERS ROAD, SUITE 200  
 PITTSFORD, NEW YORK 14634

REV	DATE	DESCRIPTION	BY

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.

**CANANDAIGUA AIRPORT**  
**TOWN OF CANANDAIGUA, STATE OF NEW YORK**  
**GA TERMINAL BUILDING**  
**AIRPORT SITE PLAN**

SCALE: 1"=300'	DESIGN: AJF	<b>SP-01</b> 5 OF 13
DRAWN: JES	PROJECT: 18194.10	
CHECKED: AJF	DATE: 10/07/2020	

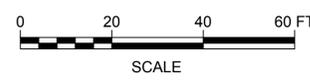


- PARKING REQUIREMENTS :**  
 BUSINESS AND PROFESSIONAL OFFICES (TOWN OF CANANDAIGUA CODE CHAPTER 220 - ZONING, ATTACHMENT 3, SCHEDULE II OFF-STREET PARKING SPACES REQUIRED.)
- ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF GROSS FLOOR AREA OR MAJOR FRACTION THEREOF.
  - 3000SF BUILDING / 200 SF = 15 PARKING SPACES REQUIRED.
- PARKING SPACES PROVIDED = 24 PLUS 1 HANDICAP SPACE (25 TOTAL)

PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

**LEGEND**

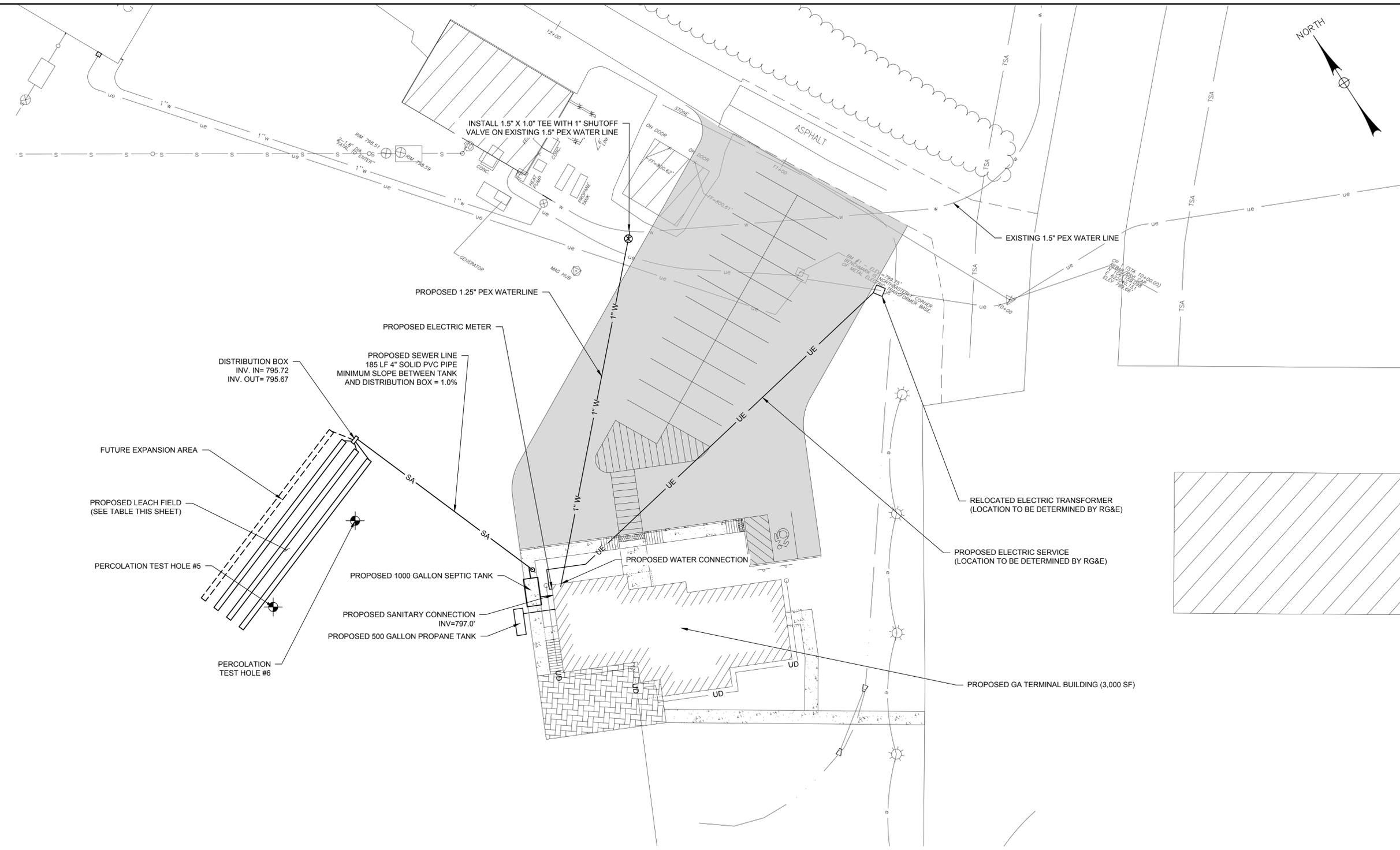
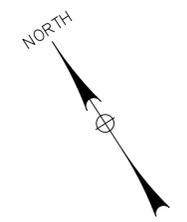
	PROPOSED BUILDING
	PROPOSED ROOF OVERHANG
	PROPOSED PARKING LOT (13,983 SF)
	PROPOSED CONCRETE (1,527 SF)
	PROPOSED CURB (131 LF)
	PROPOSED SIDEWALK RAMP
	PROPOSED DETECTABLE WARNING UNITS



**PRELIMINARY PLANS**

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				<p><b>McFarland Johnson</b>          15 FISHERS ROAD; SUITE 200          PITTSFORD, NEW YORK 14534</p>				<p><b>CANANDAIGUA AIRPORT</b>  <b>TOWN OF CANANDAIGUA, STATE OF NEW YORK</b>  <b>GA TERMINAL BUILDING</b></p>	
								<p><b>SITE LAYOUT PLAN</b></p>	
REV	DATE	DESCRIPTION	BY	<p><b>SP-02</b> 6 OF 13</p>					



**LEACH FIELD BASIS OF DESIGN**  
 NUMBER OF EMPLOYEES: 25  
 WATER USE/EMPLOYEE/DAY (GAL): 15  
 GALLONS PER DAY: 380 GALLONS/DAY

PERCOLATION RATE (MIN/IN): 29  
 APPLICATION RATE (GAL/DAY/SF): 0.6  
 WIDTH OF ABSORPTION TRENCH (FT): 2  
 TOTAL REQUIRED LENGTH (FT): 317

ADJUSTED 25% REDUCED LENGTH BY USING CHAMBERS  
 PROVIDED ROW LENGTH (FT) : 80  
 PROVIDED ROWS : 3  
 TOTAL CHAMBER LENGTH : 240'

DISTRIBUTION BOX  
 INV. IN= 795.72  
 INV. OUT= 795.67

PROPOSED SEWER LINE  
 185 LF 4" SOLID PVC PIPE  
 MINIMUM SLOPE BETWEEN TANK  
 AND DISTRIBUTION BOX = 1.0%

PROPOSED 1000 GALLON SEPTIC TANK

PROPOSED SANITARY CONNECTION  
 INV=797.0'

PROPOSED 500 GALLON PROPANE TANK

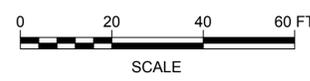
PROPOSED WATER CONNECTION

PROPOSED GA TERMINAL BUILDING (3,000 SF)

RELOCATED ELECTRIC TRANSFORMER  
 (LOCATION TO BE DETERMINED BY RG&E)

PROPOSED ELECTRIC SERVICE  
 (LOCATION TO BE DETERMINED BY RG&E)

PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:



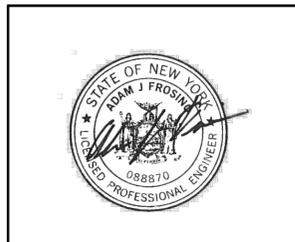
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**LEGEND**

— G —	PROPOSED GAS LINE
— UE —	PROPOSED ELECTRIC
— 1" W —	PROPOSED 1.25" PVC WATER LINE
— SA —	PROPOSED SANITARY PIPE
— S — S — S —	EXISTING SANITARY PIPE

**NOTE**  
 THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/OR UTILITIES FROM FIELD LOCATION AND RECORD MAPPING, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 72 HOURS BEFORE DIGGING, DRILLING, OR BLASTING, CALL DIG SAFELY NEW YORK (1-800-962-7962).

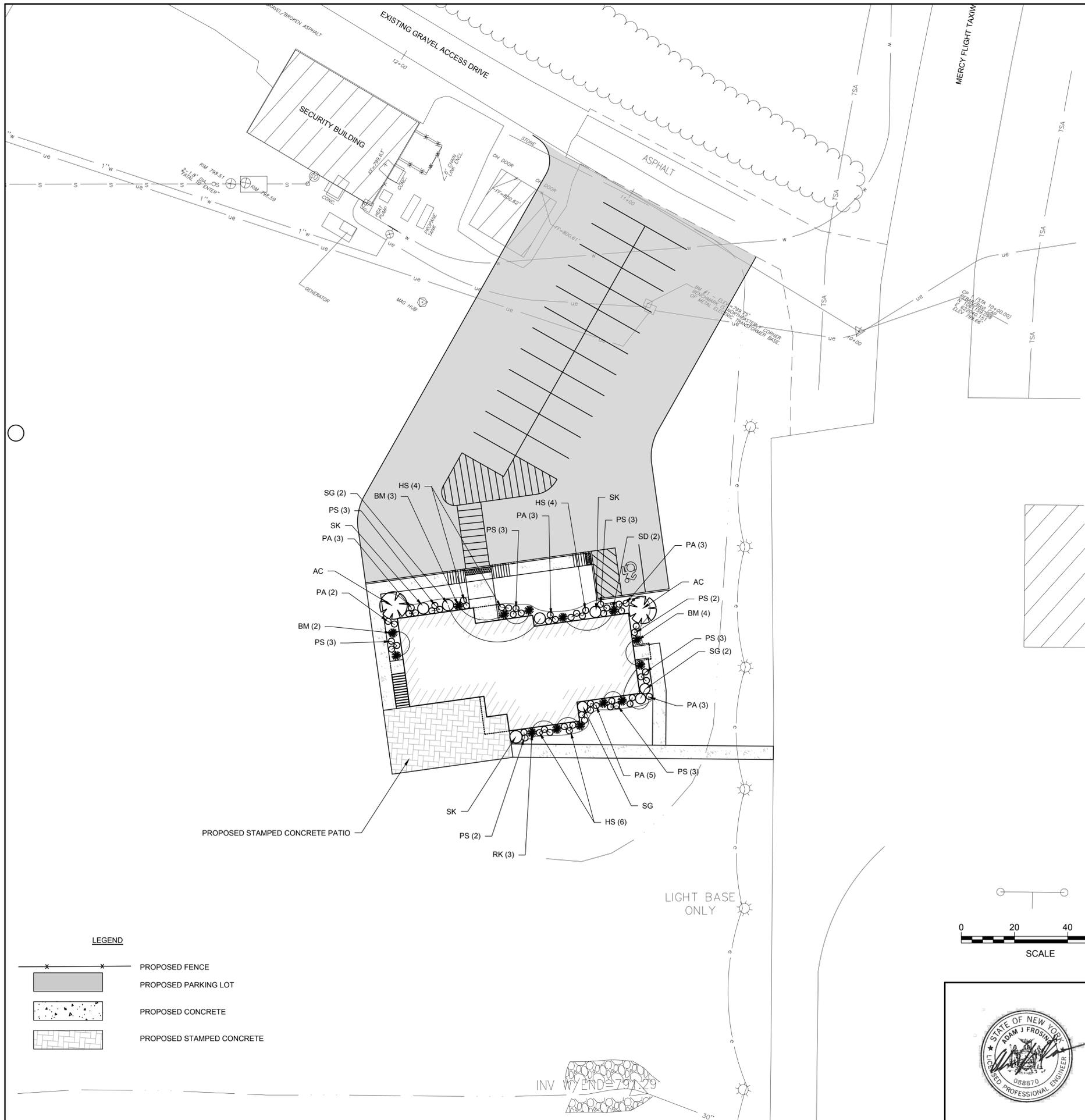


**McFarland Johnson**  
 15 FISHERS ROAD; SUITE 200  
 PITTSFORD, NEW YORK 14534

<b>CANANDAIGUA AIRPORT</b>			
TOWN OF CANANDAIGUA, STATE OF NEW YORK			
<b>GA TERMINAL BUILDING</b>			
<b>UTILITY PLAN</b>			
SCALE:	1"=20'	DESIGN:	AJF
DRAWN:	JES	PROJECT:	18194.10
CHECKED:	AJF	DATE:	10/07/2020
			<b>UT-01</b>
			7 OF 13

K:\CANANDAIGUA\18194.10 GA TERMINAL - FINAL DESIGN\DRAWINGS\DRWG SHEET FILES\18194.10 UTIL.DWG





PLANTING SCHEDULE					
QUANTITY	KEY	LATIN NAME	COMMON NAME	ROOTS	HT. OR SP.
19	PA	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN FOUNTAIN GRASS	#2 CONT.	
3	SK	SYRINGA MEYERI 'PRINCE CHARMING'	PRINCE CHARMING MEYER LILAC	B&B	36" HT.
5	SG	SPIRAEA BUMALDA 'GOLD FLAME'	GOLD FLAME SPIREA	#3 CONT.	24" MIN.
2	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	B&B	1.5-2" CAL.
3	RK	ROAS VAR. 'KNOCKOUT'	KNOCKOUT ROSE, PINK, WHITE	#3 CONT.	24" MIN.
9	BM	BUXUS MICROPHYLLA 'WINTER GEM'	WINTER GEM BOXWOOD	#2 CONT.	24-30"
2	SD	SPIRAEA JAPONICA 'NEON FLASH'	NEON FLASH SPIRAEA	#3 CONT.	12" HT.
14	HS	HELICOTRICHON SEMPERVIRENS	BLUE OAT GRASS	#2 CONT.	
22	PS	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH RED SWITCH GRASS	#1 CONT.	2.5' O.C.

- LANDSCAPING NOTES:**
- ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK BY AMERICAN ASSOCIATION OF NURSERYMEN, ANSI Z60.1.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFFS.
  - THE CONTRACTOR SHALL STAKEOUT PLANTINGS FOR THE OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO BEGINNING WORK.
  - SHOULD LOCATION OF TREES BE WITHIN 5' OF UNDERGROUND UTILITIES, RELOCATE SAID TREE A MINIMUM OF 5' FROM BALL TO UTILITIES.
  - SHOULD LARGE DECIDUOUS TREES BE WITHIN 20' OF OVERHEAD WIRES, RELOCATE SAID TREES A MINIMUM OF 20' FROM WIRES.
  - PLANTING BACKFILL MIXTURE: 4 PARTS TOPSOIL, 1 PART PEAT MOSS; 10 LBS. 5-10-5 PLANTING FERTILIZER PER CUBIC YARD THOROUGHLY MIXED.
  - MULCH BEDS WITH 3" DEPTH, DISEASE AND WEED FREE, TRIPLE SHREDDED HARDWOOD BARK MIXTURE AND WEED BARRIER.
  - TWO YEAR GUARANTEE SHALL BE PROVIDED ON ALL PLANT MATERIALS FROM DATE OF FINAL ACCEPTANCE.
  - SEED MIXTURES (APPLY TO AREAS NOT PAVED OR PLANTED) TO BE APPLIED AT A RATE OF 5 LBS PER 1,000 SF USING THE FOLLOWING\*  
 33% BLEND OF BROOKLAWN, BONAIRE & BARONE KENTUCKY BLUEGRASS  
 34% BLEND OF KOKOMO II, PARAGON GLR & PIZZAZZ 2 PERENNIAL RYEGRASS  
 33% BLEND OF INTRIGUE CHEWINGS FESCUE, MINOTAUR & FIREFLY HARD FESCUE
  - SOIL IN LAWN AREAS SHALL BE TESTED AND FERTILIZED PER THE RECOMMENDATION OF THE TESTING AGENCY. UTILIZE CORNELL COOPERATIVE EXTENSION FOR TESTING OR APPROVED EQUAL.
  - HYDROSEED AND APPLY WOOD FIBER CELLULOSE MULCH WITH TACKIFIER AT A RATE OF 1,200 LBS PER ACRE.
  - ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

PLANNING BOARD CHAIRPERSON:

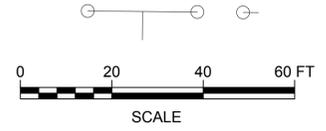
TOWN ENGINEER:

TOWN HIGHWAY AND WATER SUPERINTENDENT:

CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

**LEGEND**

	PROPOSED FENCE
	PROPOSED PARKING LOT
	PROPOSED CONCRETE
	PROPOSED STAMPED CONCRETE

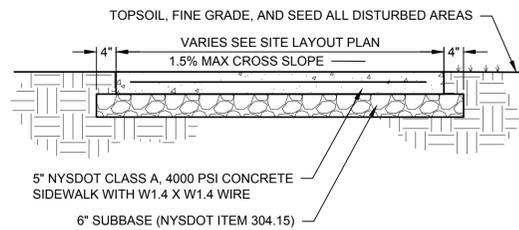


**PRELIMINARY PLANS**

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.

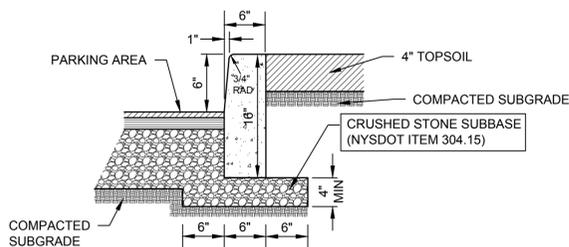
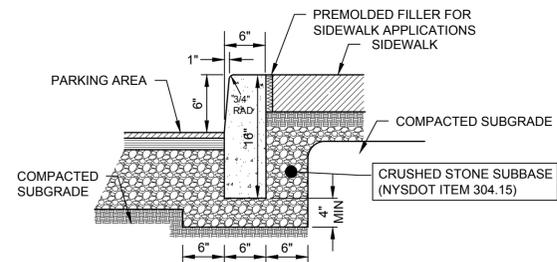
	REV	DATE	DESCRIPTION	BY	<p><b>CANANDAIGUA AIRPORT</b>  <b>TOWN OF CANANDAIGUA, STATE OF NEW YORK</b>  <b>GA TERMINAL BUILDING</b></p> <p><b>LANDSCAPING PLAN</b></p>							
<p><b>McFarland Johnson</b>          15 FISHERS ROAD, SUITE 200          PITTSFORD, NEW YORK 14534</p>					<table border="1"> <tr> <td>SCALE: 1"=20'</td> <td>DESIGN: AJF</td> <td rowspan="3"><b>LA-01</b></td> </tr> <tr> <td>DRAWN: JES</td> <td>PROJECT: 18194.10</td> </tr> <tr> <td>CHECKED: AJF</td> <td>DATE: 10/07/2020</td> </tr> </table>	SCALE: 1"=20'	DESIGN: AJF	<b>LA-01</b>	DRAWN: JES	PROJECT: 18194.10	CHECKED: AJF	DATE: 10/07/2020
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DRAWN: JES	PROJECT: 18194.10											
CHECKED: AJF	DATE: 10/07/2020											

K:\CANANDAIGUA\18194.10 GA TERMINAL - FINAL DESIGN\DRAWINGS\DRWG SHEET FILES\18194.10 LAND.DWG



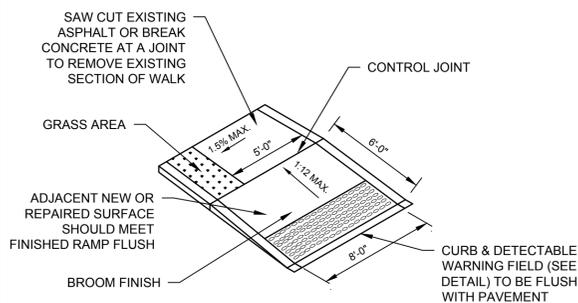
- NOTES:**
- ALL SPECIFIED SIDEWALK ITEMS SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATIONS - CONCRETE SIDEWALK AND DRIVEWAYS, SECTION 608-3.01.
  - ALL SCORING JOINTS SHALL HAVE A MAXIMUM SPACING OF 5 FEET WHILE ALL EXPANSION JOINTS SHALL HAVE A MAXIMUM SPACING OF 15 FEET.

**1 CONCRETE SIDEWALK**  
N.T.S.



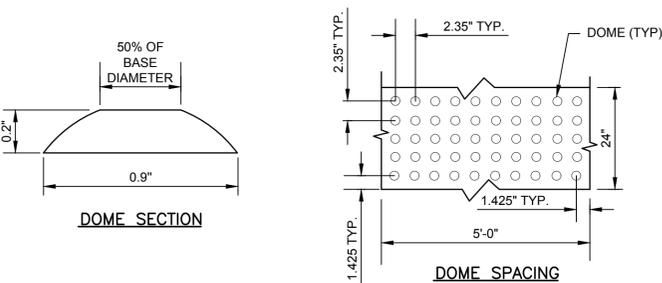
- NOTES:**
- CONTRACTION JOINTS 10 FEET ON CENTER TO DEPTH OF THE CURB THICKNESS
  - EXPANSION JOINTS WITH PREMOLDED FILLER 50 FEET ON CENTER
  - EXPOSED CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH

**2 CONCRETE CURB DETAIL**  
N.T.S.



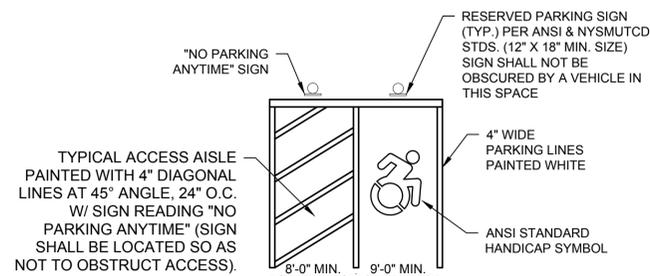
- NOTES:**
- RAMPS SHALL BE BUILT IN CONFORMANCE WITH A.D.A. RULES AND REGULATIONS
  - THE SURFACE OF ALL SIDEWALK RAMPS IS TO BE STABLE, FIRM, AND SLIP-RESISTANT. (i.e. COARSE BROOM FINISH PERPENDICULAR TO THE RAMP SLOPE IS ACCEPTABLE)

**6 SIDEWALK RAMP - TYPE B**  
N.T.S.



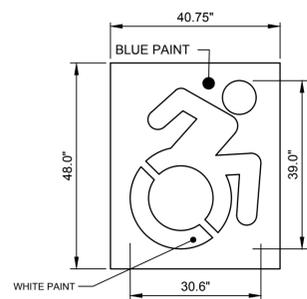
- NOTES:**
- THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING FIELD (THE DOMES AND THE ENTIRE SURFACE) IS FOR ILLUSTRATION ONLY.
  - DOMES ALIGNMENT: DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL.
  - THE DETECTABLE WARNING FIELD SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. USE ROMANITE SHALE GRAY COLOR HARDENER UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

**7 DETECTABLE WARNING FIELD**  
N.T.S.

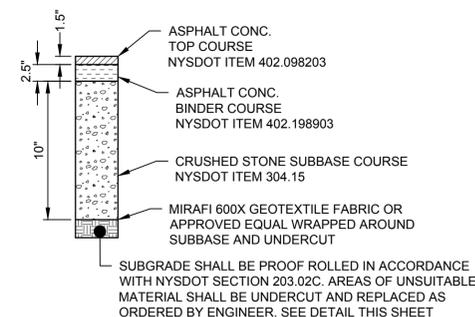


- NOTES:**
- MAXIMUM SLOPE WITHIN HANDICAPPED PARKING SPACE AND/OR NO PARKING AISLE SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.
  - SIGNS SHALL BE PERMANENTLY INSTALLED AT A MIN. CLEAR HEIGHT OF 84\"/>

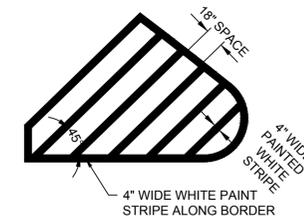
**9 TYPICAL HANDICAP PARKING**  
N.T.S.



**10 HANDICAP PARKING PAINTING DETAIL**  
N.T.S.

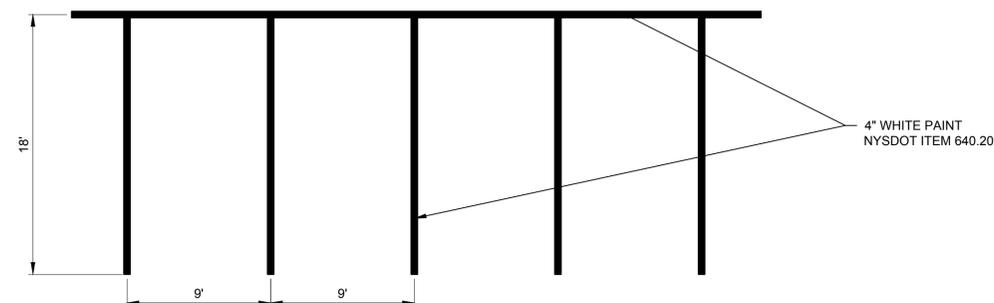


**3 PAVING SECTION DETAIL**  
N.T.S.

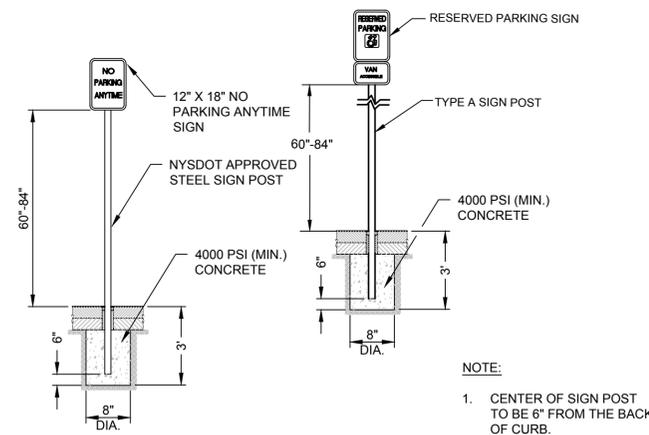


- NOTES:**
- PAINT SHALL BE WATERBORNE PAINT MEETING THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATIONS SECTION 685 FOR EPOXY REFLECTORIZED PAVEMENT MARKINGS (ITEM 685.01)

**4 'NO PARKING' PAVEMENT MARKING**  
N.T.S.



**5 TYPICAL PARKING STALL STRIPING**  
N.T.S.



- NOTE:**
- CENTER OF SIGN POST TO BE 6\"/>

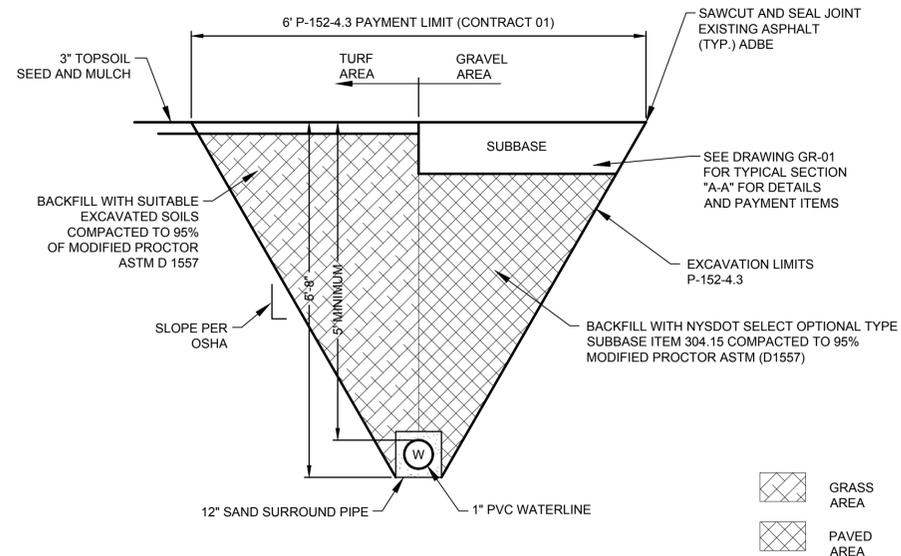
**8 TYPICAL HANDICAP 'NO PARKING'**  
N.T.S.

PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

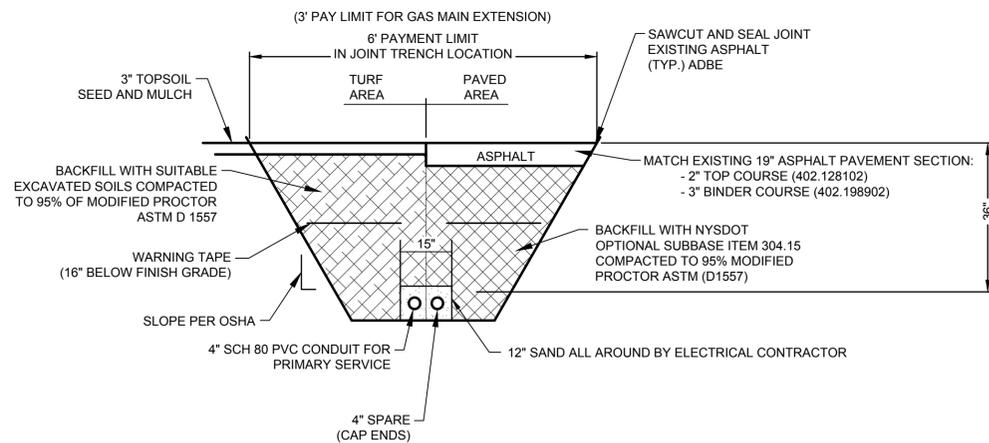
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	<p><b>CANANDAIGUA AIRPORT</b> TOWN OF CANANDAIGUA, STATE OF NEW YORK</p> <p><b>GA TERMINAL BUILDING</b></p>																	
	<p><b>MISCELLANEOUS DETAILS</b></p>																	
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DRAWN: JES	PROJECT: 18194.10																	
CHECKED: AJF	DATE: 10/07/2020																	



**1 WATER UTILITY TRENCH DETAIL (CONTRACT #3)**  
N.T.S. ITEM M-100-5.1



**2 ELEC. UTILITY TRENCH DETAIL (CONTRACT #2)**  
N.T.S. ITEM M-100-5.1

WATERMAIN / SEWER CROSSING DETAIL		
CONDITION	SCHEMATIC	REQUIREMENTS
I WATER LINE ABOVE SEWER LINE		1. WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM.
II WATER LINE ABOVE SEWER LINE		1. WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. 2. WHEN BOTH WATER LINE AND SEWER LINES ARE NEW, SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING
III SEWER LINE ABOVE WATER LINE		1. WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. 2. SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. 3. PROVIDE CRADLE OF CONCRETE OR CRUSHER RUN STONE (SEE TRENCH SECTION DETAIL BELOW) FOR WATER LINE AND SEWER LINE FOR 10 FT. EACH SIDE OF CROSSING
WL (WATER LINE) SL (SEWER LINE, SANITARY OR STORM) D (OUTSIDE DIAMETER OF PIPE)		IN NO CASE SHALL PIPES BE CLOSER THAN 18 INCHES APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPE.

**2 WATER MAIN/ SEWER CROSSING DETAIL**  
N.T.S.

**PRELIMINARY PLANS**

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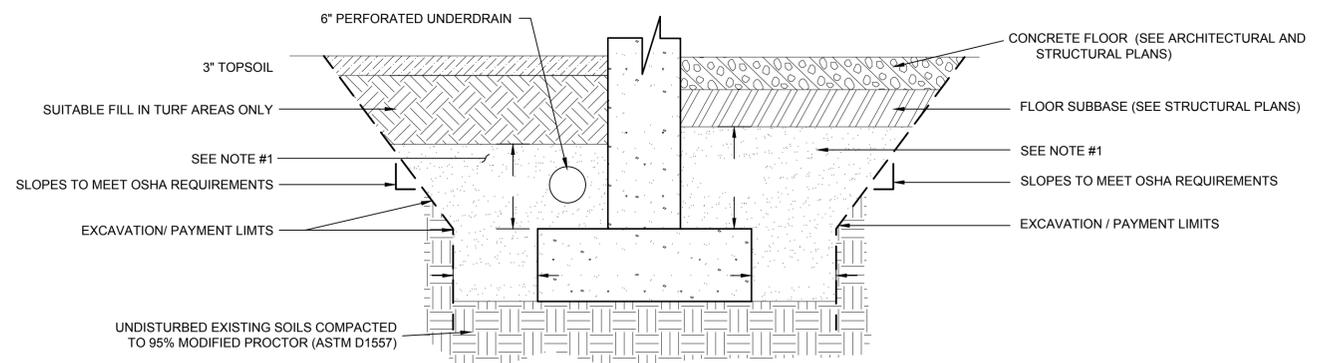
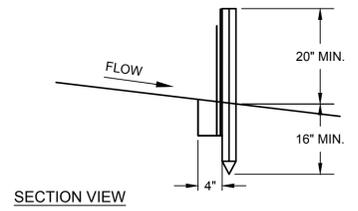
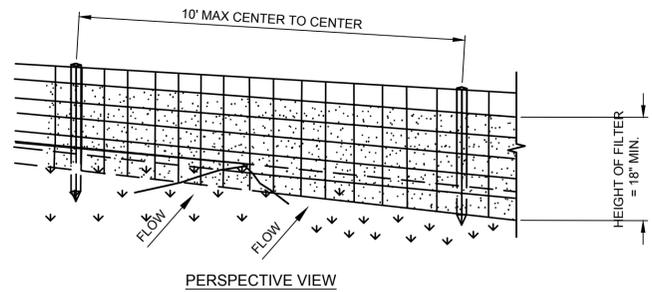
PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:



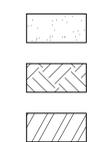
REV	DATE	DESCRIPTION	BY
<b>McFarland Johnson</b> 15 FISHERS ROAD; SUITE 200 PITTSFORD, NEW YORK 14534			

<b>CANANDAIGUA AIRPORT</b>			
<b>TOWN OF CANANDAIGUA, STATE OF NEW YORK</b>			
<b>GA TERMINAL BUILDING</b>			
<b>UTILITY DETAILS</b>			
SCALE:	N/A	DESIGN:	AJF
DRAWN:	JES	PROJECT:	18194.10
CHECKED:	AJF	DATE:	10/07/2020
			<b>MD-02</b>
			11 OF 13

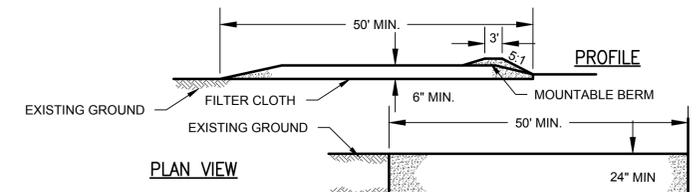
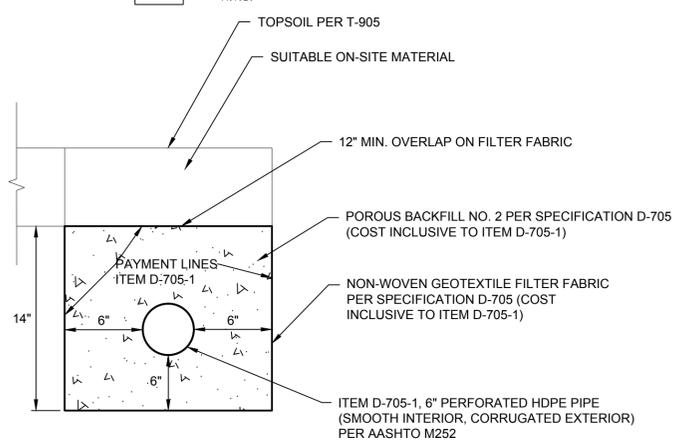
K:\CANANDAIGUA\18194.10 GA TERMINAL - FINAL DESIGN\DRAWINGS\DRWG SHEET FILES\18194.10 DETS.DWG



- NOTES:
- BACKFILL TO 1'-0" ABOVE FOOTING IN TURF AREAS AND TO BOTTOM OF SUBBASE IN CONCRETE OR ASPHALT LOCATIONS WITH NYS DOT OPTIONAL TYPE SUBBASE ITEM 304.15 COMPACTED TO 95% MODIFIED PROCTOR (ASTM D1557).
  - ALL COSTS FOR EXCAVATION, BACKFILL, OPTIONAL TYPE SUBBASE, AND COMPACTION AREA INCLUDED IN THE BID PRICE FOR INSTALL GA TERMINAL BUILDING FOUNDATION (ITEM B-104-5.1)
  - SEE ARCHITECTURAL AND STRUCTURAL PLAN SHEETS FOR FOUNDATION FLOOR DETAIL.

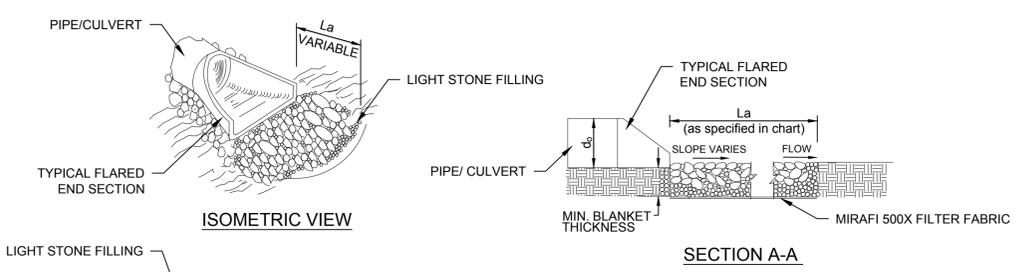


**1 TEMPORARY SILT FENCE (CONTRACT #1)**  
N.T.S.



- 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 TRACED 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.

**4 FOUNDATION EXCAVATION / BACKFILL DETAIL (CONTRACT #1)**  
N.T.S.

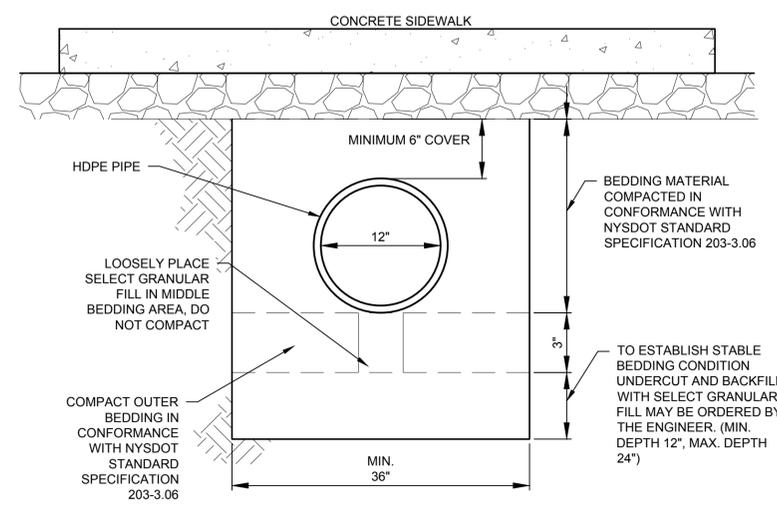


PIPE DIAMETER	W-1 MINIMUM	W-2 MINIMUM	L <sub>a</sub> MINIMUM	D <sub>50</sub>	d <sub>max</sub>	MIN. BLANKET THICKNESS
24"	2'	8'	6'	2"	4"	6"

- NOTES:
- MINIMUM BLANKET THICKNESS IS 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NO LESS THAN 6".
  - INSTALL FILTER MIRAFI 500X OR APPROVED EQUAL FILTER FABRIC BETWEEN RIP-RAP AND SUBGRADE.
- d<sub>0</sub> = PIPE DIAMETER, SEE PLANS  
L<sub>a</sub> = APRON LENGTH  
W = APRON WIDTH (CENTERED ON PIPE)  
D<sub>50</sub> = ROCK SIZE THAT WHICH 50% SHALL BE LARGER THAN  
d<sub>max</sub> = MAXIMUM ROCK DIAMETER

**6 PIPE OUTLET PROTECTION (CONTRACT #1)**  
N.T.S.

**2 UNDERDRAIN DETAIL (CONTRACT #1)**  
N.T.S.



**3 STORM CULVERT UNDER SIDEWALK**  
N.T.S.

**5 STABILIZED CONSTRUCTION ENTRANCE (CONTRACT #1)**  
N.T.S.

**PRELIMINARY PLANS**

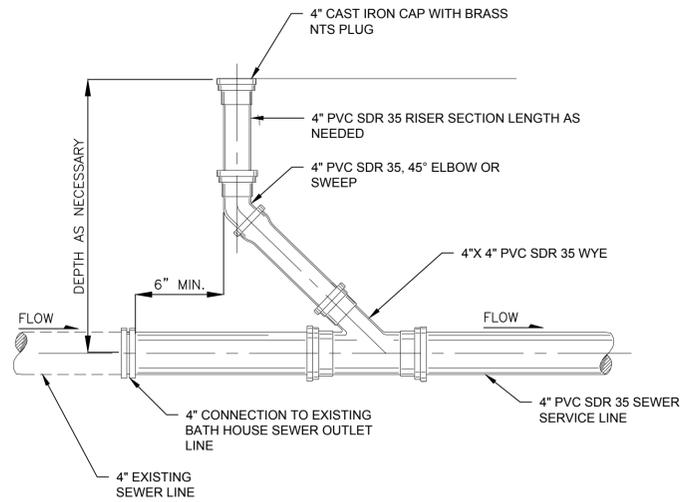
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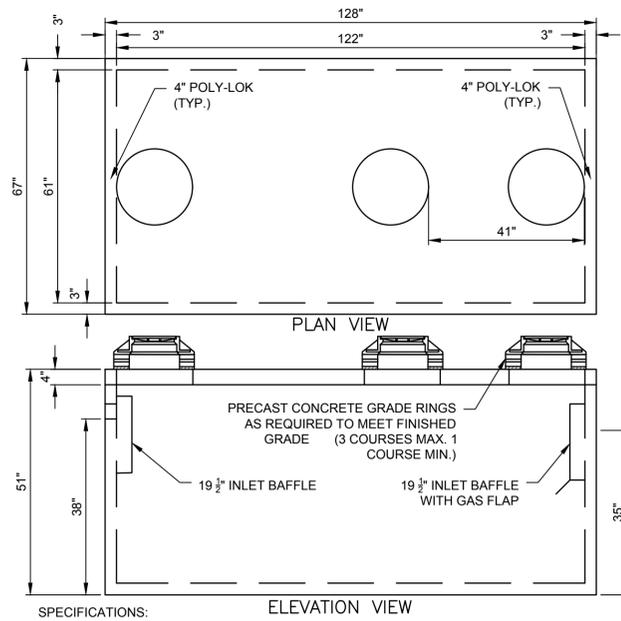
**Mcfarland Johnson**  
15 FISHERS ROAD, SUITE 200  
PITTSFORD, NEW YORK 14534

<b>CANANDAIGUA AIRPORT</b>			
TOWN OF CANANDAIGUA, STATE OF NEW YORK			
<b>GA TERMINAL BUILDING</b>			
<b>EROSION AND SEDIMENT CONTROL DETAILS</b>			
SCALE:	N/A	DESIGN:	AJF
DRAWN:	JES	PROJECT:	18194.10
CHECKED:	AJF	DATE:	10/07/2020
			<b>MD-03</b> 12 OF 13

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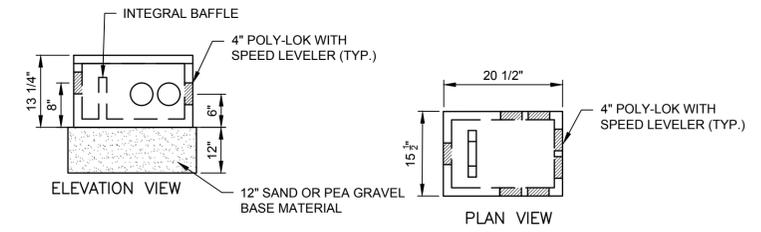
**1 GRAVITY SANITARY SEWER CLEANOUT**  
N.T.S.



**2 SEPTIC TANK - 1000 GALLON**  
N.T.S.

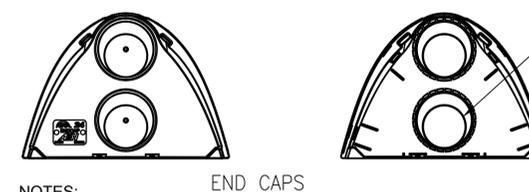
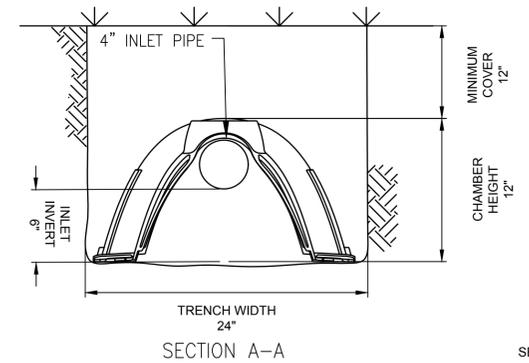
**SPECIFICATIONS:**  
 1. DESIGN CRITERIA: 5000 PSI @28 DAYS  
 2. ENTRAINED AIR: 5% - 9%  
 3. DESIGN LOADING: 300 PSF  
 4. REINFORCEMENT: BAR-ASTM A615 GR60 WWR-ASTM A185/A497 GR65  
 5. FRAME & COVER BY NEENAH FOUNDRY, STANDARD 24" FRAME & COVERS SHALL BE NEENAH 1642 WITH TYPE C COVER WITH LETTERING "SANITARY SEWER" FOR SANITARY. (OR APPROVED EQUAL)  
 6. DIMENSIONS BASED ON LAKELANDS ST1000D

**NOTE:** TANKS DO NOT NEED TO BE TESTED FOR WATERTIGHTNESS PRIOR TO BACKFILLING BECAUSE THERE ARE NO JOINTS BELOW THE FLOWLINE.



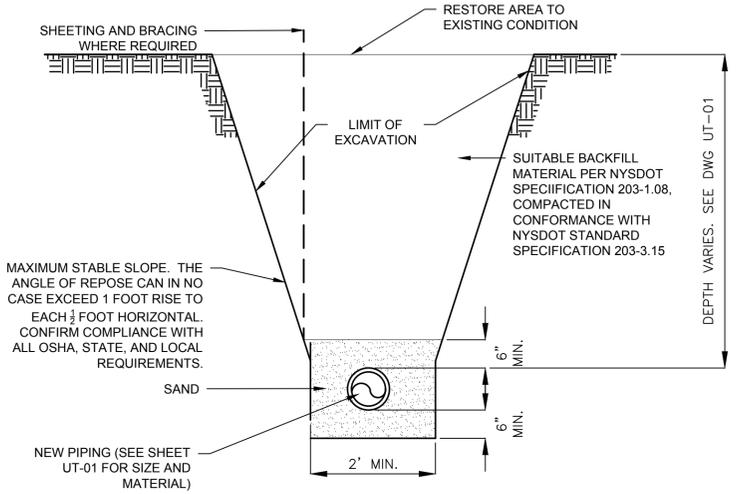
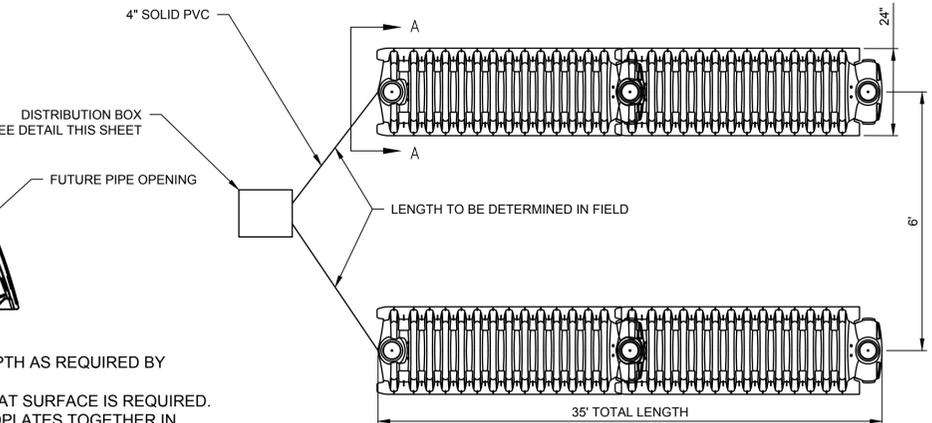
**3 DISTRIBUTION BOX**  
N.T.S.

**SPECIFICATIONS:**  
 1. DESIGN CRITERIA: 5000 PSI @28 DAYS  
 2. ENTRAINED AIR: 5% - 9%  
 3. REINFORCEMENT: BAR-ASTM A615 GR60  
 4. LAYOUT/ DIMENSIONS BASED ON LAKELANDS 6 OUTLET DISTRIBUTION BOX



**4 ADS ARC 24 CHAMBER STANDARD TRENCH INSTALLATION**  
N.T.S.

**NOTES:**  
 1. EXCAVATE TRENCHES TO PROPER WIDTH AND PROPER DEPTH AS REQUIRED BY STATE AND LOCAL CODES.  
 2. SMOOTH IRREGULARITIES IN THE EXCAVATION. A LEVEL, FLAT SURFACE IS REQUIRED.  
 3. ASSEMBLE ARC LEACHING CHAMBERS AND UNIVERSAL ENDPLATES TOGETHER IN TRENCH(ES).  
 4. INSTALL UNIVERSAL END CAP AND SECURE IN PLACE WITH BACKFILL.  
 5. PUNCH OUT PIPE HOLE OPENINGS IN THE END PLATES AS NEEDED AND CONNECT INLET PIPES.  
 6. FILL SIDEWALL AREA TO TOP OF CHAMBERS WITH NATIVE SOIL (COARSE SAND OR FINE GRAVEL MAY BE USED. NO HEAVY CLAY, SILT OR DEBRIS SHALL BE INCLUDED.  
 7. "WALK IN" FILL TO COMPACT SOIL ALONG SIDES OF ARC CHAMBER. THIS IS VERY IMPORTANT TO ACHIEVE LOAD RATING.  
 8. COVER ARC LEACHING CHAMBERS TO A MINIMUM OF 12" COVER AFTER CONSOLIDATION FOR H-10 APPLICATIONS. AVOID LARGE ROCKS OR DEBRIS IN COVER MATERIAL. COVER HEIGHTS AND LIVE LOADING LIMITS ARE IMPACTED BY BOTH SOIL TYPE AND COMPACTION REQUIREMENTS. CONTACT ADS WHEN POOR SOILS ARE ENCOUNTERED AND FOR MAXIMUM FILL HEIGHTS.

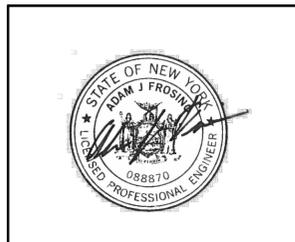


**5 SEWER PIPE BEDDING DETAIL**  
N.T.S.

PLANNING BOARD CHAIRPERSON:
TOWN ENGINEER:
TOWN HIGHWAY AND WATER SUPERINTENDENT:
CANANDAIGUA-FARMINGTON WATER AND SEWER DISTRICT:

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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.



**McFarland Johnson**  
 15 FISHERS ROAD; SUITE 200  
 PITTSFORD, NEW YORK 14534

<b>CANANDAIGUA AIRPORT</b>			
<b>TOWN OF CANANDAIGUA, STATE OF NEW YORK</b>			
<b>GA TERMINAL BUILDING</b>			
<b>SANITARY DETAILS</b>			
SCALE:	N/A	DESIGN:	AJF
DRAWN:	JES	PROJECT:	18194.10
CHECKED:	AJF	DATE:	10/07/2020
			<b>MD-04</b>
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