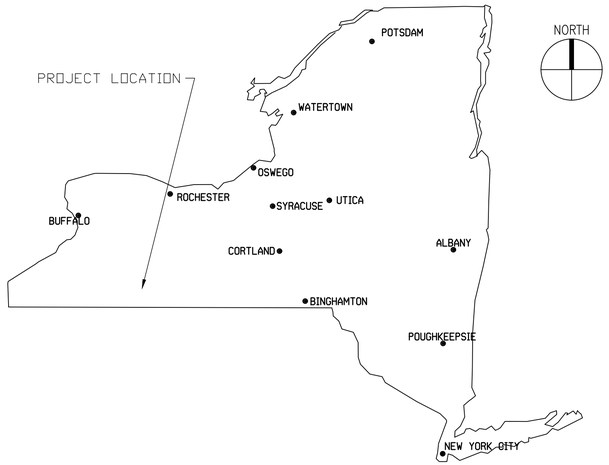
ALFRED STATE COLLEGE
STATE UNIVERSITY OF NEW YORK



LOCATION MAP



PROJECT LOCATION

C&S COMPANIES

PARKING LOT 25 EXPANSION

STATE UNIVERSITY OF NEW YORK COLLEGE OF TECHNOLOGY AT ALFRED

ALFRED, NEW YORK

C&S PROJECT M94.002.002

DRAWING LIST	
SHEET NO.	**SHEET NAME**
G-001	TITLE SHEET
CIVIL	
C-001	GENERAL NOTES, ABBREVIATIONS, AND LEGEND
CD-101	DEMOLITION PLAN
C-101	SITE PLAN
CU-101	UTILITY PLAN
CG-101	GRADING PLAN
C-501	SITE UTILITY DETAILS
C-502	DETAILS
C-503	SITE UTILITY DETAILS
ES-101	SITE LIGHTING PLAN
E-501	ELECTRICAL DETAILS

100% BID DOCUMENTS
MAY 29, 2026

STATE OF NEW YORK · DWIGHT H. WETHEY · 080647 · LICENSED PROFESSIONAL ENGINEER

STATE OF NEW YORK · ROBERT MONROE GLEASON III · No. 104328 · LICENSED PROFESSIONAL ENGINEER

TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THE PLANS AND SPECIFICATIONS FOR THIS PROJECT ARE IN COMPLIANCE WITH THE BUILDING CODE OF NEW YORK STATE

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

G-001

May 28, 2026 – 1:29pm
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ACM	ASBESTOS CONTAINING MATERIAL	CONT	CONTINUOUS, CONTUATION	FH	FIRE HYDRANT	LG	LENGTH	POC	POINT ON CURVE	STD	STANDARD
ACP	ASBESTOS CEMENT PIPE	CPP	CORRUGATED POLYETHYLENE PIPE	FIN	FINISHED	LB	POUND	PVC	POLYVINYL CHLORIDE	STL	STEEL
ALT	ALTERNATE	CTR	CENTER(ED)	FIN GR, FG	FINISHED GRADE	LF	LINEAR FEET	PW	POTABLE WATER	STY	STORY
ALUM	ALUMINUM	CIRC	CIRCULAR	FM	FORCE MAIN	LP	LIGHT POLE	REF	REFERENCE	SYM	SYMMETRICAL
APPROX	APPROXIMATELY	COC	CORNER OF CURB	FRP	FIBERGLASS REINFORCED PLASTIC	LT	LEFT	RAD	RADIUS	SUP	SUPPORT
ASPH	ASPHALT	DEC	DECIDUOUS	FT	FOOT, FEET	MAX	MAXIMUM	REINF	REINFORCING, REINFORCMENT	STRUCT	STRUCTURE, STRUCTURAL
AW	APPROXIMATE WATER	DGMH	DOGHOUSE MANHOLE	FTG	FITTING, FOOTING	MECH	MECHANICAL	REQ'D	REQUIRED	TEL	TELEPHONE
BLDG	BUILDING	DIP	DUCTILE IRON PIPE	FW	FINISHED WATER	MH, MANH	MANHOLE	RF	ROOF	TEMP	TEMPERATURE, TEMPORARY
BM	BENCHMARK	DIA	DIAMETER	GAL	GALLON	MIN	MINIMUM	RG	RECORD GAS MAIN	THK	THICK
BET	BETWEEN	DISCH	DISCHARGE	GC	GRANITE CURB	MPT	MAINTENANCE & PROTECTION OF TRAFFIC	RJ	RESTRAINED JOINT	TG	TOP OF GRADE
BFV	BUTTERFLY VALVE	DP	DEEP	GD, GDMH	GUTTER DRAIN, GUTTER DRAIN MANHOLE	MTD	MOUNTED	ROW	RIGHT-OF-WAY	T.O.P.	TOP OF PAVEMENT
BIT	BITUMINOUS	DTL, DET	DETAIL	GR	GRAVEL	N	NORTH	RCP	REINFORCED CONCRETE PIPE	TOW, TW	TOP OF WALL
CB, CBSN	CATCH BASIN	D	DRAIN	GRAV	GRAVITY	NIC	NOT IN CONTRACT	RT	RIGHT	TYP	TYPICAL
CC	CONCRETE CURB	DWG	DRAWING	GPM	GALLONS PER MINUTE	NO	NUMBER	S	SOUTH	UE	UNDERGROUND ELECTRIC
CHH	COMMUNICATION MANHOLE	DIM	DIMENSION	GRD	GRADE	NG	NATURAL GAS	SA, SANI	SANITARY	UG	UNDERGROUND
CHWS	CHILLED WATER SUPPLY	EA	EACH	GV	GATE VALVE	NTS	NOT TO SCALE	SAN	SANITARY SEWER	UP	UTILITY POLE
CI	CAST IRON	EL, ELEV	ELEVATION	HDPE	HIGH DENSITY POLYETHYLENE	OC	ON CENTER	SD, ST DR	STORM DRAIN	UT	UNDERGROUND TELEPHONE
CIP	CAST IRON PIPE	ELEC	ELECTRICAL	HG	HIGH	OHE, OE	OVERHEAD ELECTRICAL	SCH	SCHEDULE	VALV	VALVE
CIPP	CURED IN PLACE PIPELINE	EMH	ELECTRICAL MANHOLE	HH	HANDHOLE	OPNG	OPENING	SEC, SECT	SECTION	VCP	VITRIFIED CLAY PIPE
CL	CENTER LINE	EOC	EDGE OF CURB	HORIZ	HORIZONTAL	OPP	OPPOSITE	SHT	SHEET	VERT	VERTICAL
CLR	CLEAR, CLEARANCE	EOP	EDGE OF PAVEMENT	HMA	HOT MIX ASPHALT	PC	POINT OF CURVATURE	SIM	SIMILAR	VTP	VITRIFIED TILE PIPE
CLSM	CONTROLLED LOW STRENGTH MATERIAL	EQ	EQUAL	HW	HOT WATER	PCC	POINT OF CHANGE IN CURVATURE	SP	SPACE, SPACING	W, WATR	WATER
CMP	CORRUGATED METAL PIPE	EQUIP	EQUIPMENT	HYD, HYDR	HYDRANT	PCPUT	PERFORATED CORRUGATED UNDERDRAIN TILE	SPEC	SPECIFICATION	W/	WITH
CNC, CONC	CONCRETE	EW	EACH WAY	INT	INTERSECTION	PE	POLYETHYLENE	SMP	SAMPLE	WL	WATER LINE
CO	COMMUNICATION DUCT BANK	EXIST	EXISTING	INV, IE	INVERT, INVERT ELEVATION	PIV, PINV	POST INDICATOR VALVE	SQ	SQUARE	WT	WEIGHT
CONF	CONIFEROUS	FDN	FOUNDATION	ID	INSIDE DIAMETER	PL	PLATE, PROPERTY LINE	SS, SST	STAINLESS STEEL	WD	WIDE
CONN	CONNECTION	FF	FINISHED FLOOR	JT	JOINT	PLT	PLANT	STE	HIGH TEMPERATURE - HOT WATER (ABANDONED)	YD	YARD

C1 GENERAL ABBREVIATIONS

SCALE: NOT TO SCALE

GENERAL NOTES:

1. THE APPROXIMATE LOCATION OF THE UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE TRUE LOCATION AND ELEVATIONS BEFORE COMMENCING WORK. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES. NOTIFY ENGINEER IN INSTANCES WHERE REVISIONS TO DRAWINGS ARE REQUIRED.
2. EACH CONTRACTOR SHALL NOTIFY DIG SAFELY NEW YORK (U-DIG) AT LEAST THREE (3) DAYS PRIOR TO START OF WORK. CONTRACTOR SHALL COORDINATE ALL WORK WITH UTILITY COMPANIES AND THE OWNER. THE CONTRACTOR SHALL PROVIDE PRIVATE UTILITY LOCATING SERVICES FOR THE OWNED UNDERGROUND UTILITIES IN THE PROJECT AREA IN THEIR BID. REFER TO SPECIFICATION 312000.
3. IN THE EVENT THAT THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES, THEY SHALL IMMEDIATELY NOTIFY THE OWNER AND THE AFFECTED UTILITIES REPRESENTATIVE OF SUCH DAMAGE. ANY DAMAGE SHALL PROMPTLY AND SATISFACTORILY BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
4. THE CONTRACTOR MUST BE ACQUAINTED WITH THE DRAINAGE CHARACTERISTICS OF THE WORK AREA SO THAT THEY WILL PROGRESS THE WORK EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE PROBLEMS.
5. ALL EXISTING DRAINAGE SYSTEMS, INCLUDING DITCHES AND CULVERTS, WITHIN THE CONTRACT LIMITS SHALL BE CLEANED AND KEPT CLEAN AND FREE FLOWING FOR THE DURATION OF THE CONTRACT.
6. WHERE CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
7. UNLESS DETAILED, SPECIFIED OR INDICATED OTHERWISE, CONSTRUCTION SHALL BE AS INDICATED IN THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS ARE MEANT TO APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS OR IN SPECIFIC DRAWINGS.
8. THE CONTRACTOR IS RESPONSIBLE FOR SECURITY AND FOR THE SECURE STORAGE OF GOODS AND MATERIALS ONSITE.
9. THE CONTRACTOR TO COORDINATE STAGING AREAS WITH OWNER PRIOR TO START OF CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS, BRACING AND OTHER DEVICES AS MAY BE REQUIRED OR AS DIRECTED BY THE ENGINEER TO PROTECT THE SAFETY OF HUMANS AND THE ADJACENT STRUCTURES, ROADWAY AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ADJACENT STRUCTURES, ROADWAYS AND ALL UTILITIES ENCOUNTERED IN THIS WORK.
11. ALL EXCESS EXCAVATED MATERIAL, INCLUDING CONCRETE AND ROCK SHALL BE LEGALLY DISPOSED OF OFF SITE. ASPHALT SHALL BE DISPOSED OF OFF SITE AT AN APPROVED LOCATION.
12. SITE PLANS WERE DEVELOPED FROM SURVEY AND RECORD PLANS. A TOPOGRAPHIC SURVEY AT THE PROJECT AREA WAS CONDUCTED BY MCINTOSH & MCINTOSH, P.C. IN JANUARY 2026.
13. THE CONTRACTOR SHALL PROVIDE, IN THE PREPARATION OF THEIR BID, THE COST FOR EXCAVATING AND RESTORING FIVE (5) TEST PITS TO DETERMINE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES, LOCATIONS TO BE CHOSEN AT THE DISCRETION OF THE ENGINEER. THE CONTRACTOR SHALL COMPLETE TEST PIT EXCAVATIONS THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL COORDINATE WITH, AND PROVIDE ASSISTANCE TO THE ENGINEER FOR RECORDING UTILITY LOCATIONS AND ELEVATIONS. CONTRACTOR SHALL HAND EXCAVATE WITHIN 3 FEET OF EACH SIDE OF UTILITY CROSSINGS. REFER TO SPECIFICATION 312000.

DEMOLITION NOTES:

1. REMOVE CONCRETE / ASPHALT AND SUBBASE MATERIAL (FULL DEPTH).
2. EACH CONTRACTOR SHALL NOT UNDERMINE FOUNDATIONS AT ANY TIME (SEE GENERAL NOTE 10, THIS SHEET).
3. GENERAL CONTRACTOR TO COORDINATE ALL UTILITY WORK WITH ALFRED STATE AND ASSOCIATED UTILITY COMPANY PRIOR TO PERFORMING ANY UTILITY WORK. ALL EXISTING UTILITIES SHALL BE LOCATED AND CLEARLY MARKED PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES AND SHALL BE PROTECTED DURING DEMOLITION AND SITE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE CAMPUS AND GAS UTILITY REPRESENTATIVES (NATIONAL FUEL) PRIOR TO COMMENCEMENT OF SITE DEMOLITION AND CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL ONLY CUT, CAP, OR REMOVE ABANDONED GAS UTILITIES UPON RECEIPT OF WRITTEN AUTHORIZATION FROM THE GAS UTILITY REPRESENTATIVE.
4. CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT, CONCRETE PADS, CONCRETE SIDEWALKS, CONCRETE CURBS, AND EXISTING UTILITY PIPING PRIOR TO REMOVAL OF SUCH.
5. ALL SAWCUTS AT CONCRETE SIDEWALKS ARE TO BE AT THE NEAREST EXISTING JOINT.
6. GENERAL CONTRACTOR SHALL REMOVE EXISTING PAVEMENT AS REQUIRED TO INSTALL THE NEW WORK.
7. IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR ENCOUNTERS ANY SUSPECT HAZARDOUS MATERIALS, ALL WORK SHALL CEASE AND THE OWNER'S REPRESENTATIVE IS TO BE NOTIFIED IMMEDIATELY.
8. CONTRACTOR SHALL FILL VOIDS CREATED FROM THE REMOVAL OF EXISTING STRUCTURES TO MATCH EXISTING GRADE WITH SELECT STRUCTURAL FILL (A1 AGGREGATE) IN PROPOSED PAVEMENT AND BUILDING AREAS OR WITH SUITABLE FILL MATERIAL IN TURF AREAS.
9. ALL ACTIVE UTILITIES SHALL BE COORDINATED FOR SHUT DOWN PRIOR TO ANY DEMOLITION OR REMOVAL ACTIVITY. ALL DEMOLITION WORK SHALL FOLLOW ALL CAMPUS SAFETY REQUIREMENTS AND "LOCK-OUT TAG-OUT" PROCEDURES.

SOIL AND EROSION CONTROL NOTES:

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ROADWAY PAVEMENT AREAS CLEAN OF DIRT AND DEBRIS ON A DAILY BASIS.
2. ALL EARTH AREAS SHALL BE SEEDED AND MULCHED AS SPECIFIED WITHIN 7 DAYS OF FINAL GRADING.
3. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AT LEAST ONCE EVERY SEVEN (7) DAYS OR MORE FREQUENTLY IF REQUIRED.
4. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE TEMPORARY COVERED WITH FILTER FABRIC.
5. A STORMWATER POLLUTION PREVENTION PLAN IS NOT REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS STILL REQUIRED TO PROVIDE AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH SPECIFICATION SECTION 312500.
6. THE AREAS OF CONSTRUCTION SHALL BE LEFT IN STABLE CONDITION AT THE CLOSE OF EACH CONSTRUCTION DAY.
7. STORM INLETS SHALL BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION BY USE OF INLET PROTECTION OR OTHER APPROVED MEANS.
8. SOIL STOCKPILE AREAS ARE TO BE IMMEDIATELY SURROUNDED WITH SILT FENCING, OR OTHER EROSION CONTROL MEASURES OR AS ORDERED BY THE OWNER'S REPRESENTATIVE.
9. CONTRACTOR TO PROVIDE APPROVED DUST CONTROL MEASURES. THE CONTRACTOR SHALL HAVE A WATER TRUCK OR OTHER ACCEPTABLE MEANS OF CONTROLLING DUST AVAILABLE FOR THE SITE.

A1 GENERAL NOTES

SCALE: NOT TO SCALE

WORK OF THIS CONTRACT LEGEND:

- SILT FENCE
- EXISTING STORM PIPE TO BE REMOVED
- G — EXISTING UNDERGROUND GAS LINE
- NEW STORM CATCH BASIN WITH FRAME AND GRATE
- STORM INLET PROTECTION
- ST — NEW STORM PIPE
- PERFORATED UNDERDRAIN
- PAVEMENT SAWCUT LIMIT
- EXISTING ASPHALT PAVEMENT TO BE REMOVED (FULL DEPTH)
- NEW CONCRETE SIDEWALK (DETAIL B3/C-501)
- FULL DEPTH HEAVY DUTY ASPHALT PAVEMENT (DETAIL B4/C-501)
- SITE LIGHT

A3 LEGEND

SCALE: NOT TO SCALE

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ALFRED STATE COLLEGE
STATE UNIVERSITY OF NEW YORK

CERTIFICATE OF AUTHORIZATION #: 0021365

STATE OF NEW YORK · DWIGHT H. WETHEY · 080647 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

ALFRED STATE COLLEGE LOT 25 PARKING EXPANSION

MARK	DATE	DESCRIPTION

REVISIONS

PROJECT NO: M24.002.002
DATE: MAY 29, 2026
DRAWN BY: N. SIMS
DESIGNED BY: N. SIMS
CHECKED BY: D. WETHEY

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

GENERAL NOTES ABBREVIATIONS AND LEGEND

C-001

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DEMOLITION PLAN NOTES

1. CONTRACTOR TO REMOVE & DISPOSE OF ALL ITEMS INDICATED & ANY ITEMS INCIDENTAL TO THE CONSTRUCTION AS REQUIRED.

2. CONTRACTOR SHALL PROTECT/PRESERVE ALL EXISTING ITEMS TO REMAIN, INCLUDING, BUT NOT LIMITED TO BUILDINGS, PAVEMENT, OVERHEAD & BURIED UTILITIES, TREES LANDSCAPING, ETC. DAMAGE TO ITEMS SCHEDULED TO REMAIN SHALL BE REPAIRED OR REPLANTED AT NO ADDITIONAL COST TO THE OWNER.

3. UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL HAVE ALL UNDER -GROUND FACILITIES LOCATED AND MARKED PRIOR TO EXCAVATION/DEMOLITION/ CONSTRUCTION.

4. CONTRACTOR SHALL LEGALLY DISPOSE OF ALL MATERIALS/DEBRIS REMOVED FROM THE SITE.

5. NOTIFY THE ENGINEER OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES FOUND IN THE FIELD.

6. REMOVE CONCRETE AND PAVEMENT TO THE LIMITS INDICATED. SAW CUT PAVEMENT TO PROVIDE NEAT JOINTS.

7. ALL CURBING SURROUNDING PAVEMENT REMOVAL LIMITS IS TO BE REMOVED.

8. EXISTING ABANDONED GAS LINE TO BE LOCATED VIA UTILITY TEST PIT AND REMOVED. CONTRACTOR TO COORDINATE WITH NATIONAL FUEL (GAS UTILITY OWNER).

9. CONTRACTOR TO HAVE EXISTING ABANDONED GAS LINE TESTED TO ENSURE GAS LEVELS ARE SAFE AND APPROPRIATE TO ALLOW REMOVAL. IF UNSAFE GAS LEVELS EXIST, CONTRACTOR TO EVACUATE GAS TO SAFE LEVELS. ABANDONED GAS MAINS OR ANY GAS MAIN WITH GAS LEVELS BETWEEN 5%-15% BY VOLUME ARE EXTREMELY EXPLOSIVE (MORE THAN ACTIVE MAINS).

DEMOLITION PLAN SHEET KEYNOTES

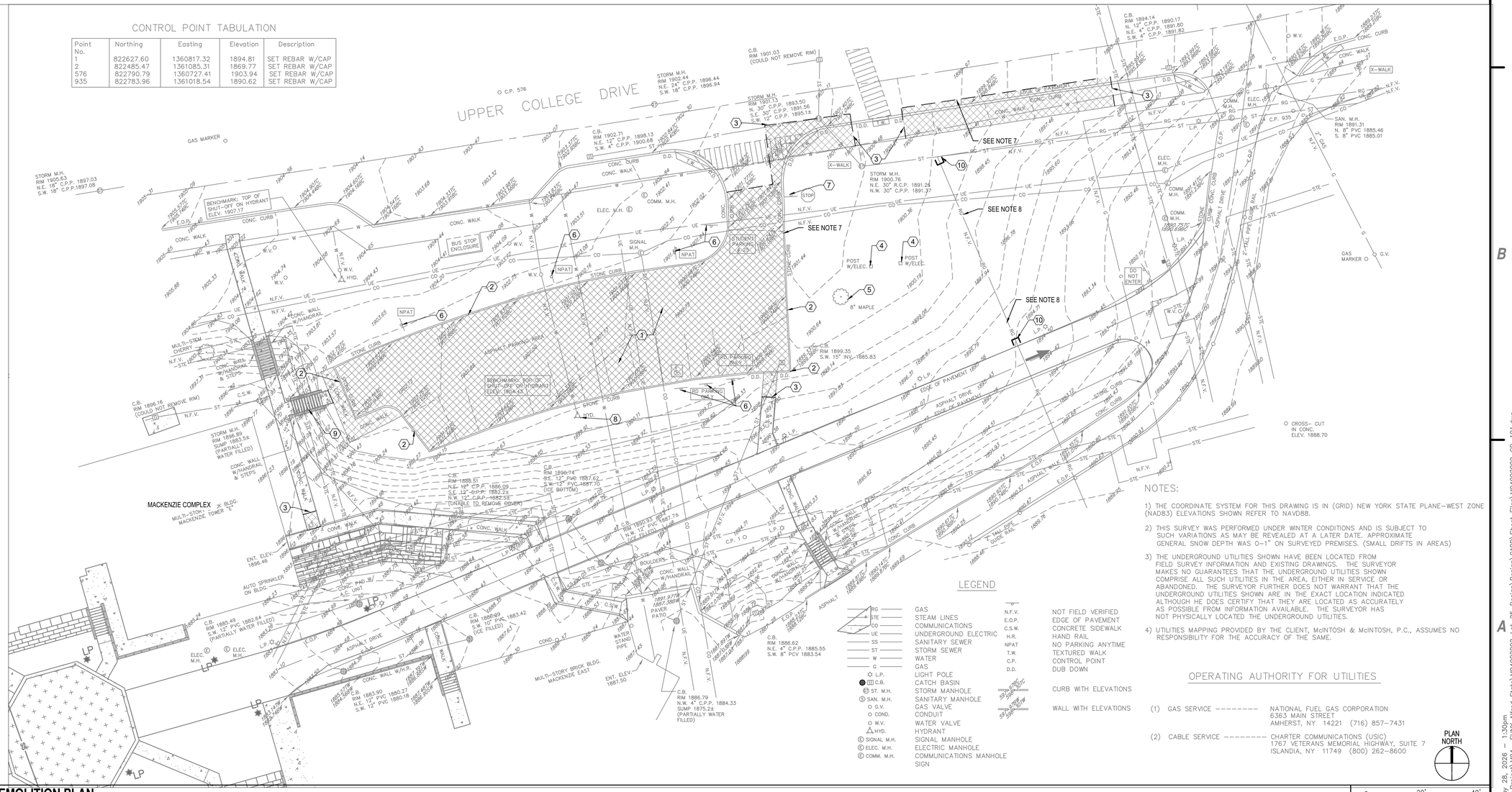
1. REMOVE EXISTING CONCRETE/ASPHALT PAVEMENT & SUBBASE
2. REMOVE EXISTING CURBING
3. SAWCUT PAVEMENT
4. CONTRACTOR TO REMOVE AND DISCONNECT ELECTRIC SERVICE ON POST. CONTRACTOR TO REMOVE WIRING AND CONDUIT BACK TO SOURCE. COORDINATE REMOVAL WITH THE CAMPUS.
5. REMOVE TREE AND STUMP
6. REMOVE EXISTING SIGN AND FOUNDATION
7. REMOVE EXISTING STOP SIGN AND STORE FOR REINSTALLATION
8. PROTECT AND MAINTAIN EXISTING HYDRANT
9. PROTECT AND MAINTAIN EXISTING CONCRETE STAIRS AND HANDRAILS
10. CUT AND CAP EXISTING PIPE TO REMAIN

DEMOLITION PLAN LEGEND

- CONCRETE/ASPHALT PAVEMENT TO BE REMOVED
- ITEM TO BE REMOVED
- PAVEMENT SAWCUT LIMIT

CONTROL POINT TABULATION

Point No.	Northing	Easting	Elevation	Description
1	822627.60	1360817.32	1894.81	SET REBAR W/CAP
2	822485.47	1361085.31	1869.77	SET REBAR W/CAP
576	822790.79	1360727.41	1903.94	SET REBAR W/CAP
935	822783.96	1361018.54	1890.62	SET REBAR W/CAP


UPPER COLLEGE DRIVE
MACKENZIE COMPLEX
MULTI-STORY BRICK BLDG. MACKENZIE EAST
MULTI-STORY BRICK BLDG. MACKENZIE TOWER C
BENCHMARK: TOP OF SHUT-OFF ON HYDRANT ELEV. 1907.17
BENCHMARK: TOP OF SPUT-OFF ON HYDRANT ELEV. 1904.43
STUDENT PARKING AREA
BUS STOP ENCLOSURE
SEE NOTE 7
SEE NOTE 8
8" MAPLE
CROSS-CUT IN CONC. ELEV. 1888.70
GAS MARKER
DO NOT ENTER
AUTO SPRINKLER ON BLDG.
ENT. ELEV. 1898.46
ENT. ELEV. 1897.50
ASPHALT DRIVE
CONC. WALK W/HANDRAIL & STEPS
CONC. WALK W/HANDRAIL
CONC. PAD W/ GRATE
BOULDERS
WATER STAND PIPE
PAVER PATIO
ASPHALT PARKING AREA
EDGE OF PAVEMENT
2" HALF PIPE CURB RAIL
STONE CURB
CONC. CURB
CONC. WALK
X-WALK
STOP
POST W/ELEC.
NPAT
SIGNAL M.H.
ELEC. M.H.
COMM. M.H.
ST. M.H.
SAN. M.H.
STORM M.H.
C.B.
LP
HYD.
G.V.
W.V.
N.F.V.
C.S.W.
D.D.
T.W.
E.O.P.
C.P.
H.R.
MULTI-STEM CHERRY
MULTI-STEM MAPLE
MULTI-STEM BIRCH
MULTI-STEM HONEYLOCUST
MULTI-STEM SPRUCE
MULTI-STEM PINE
MULTI-STEM HEMLOCK
MULTI-STEM ASH
MULTI-STEM OAK
MULTI-STEM LILAC
MULTI-STEM DOGWOOD
MULTI-STEM HOLLY
MULTI-STEM VIBURNUM
MULTI-STEM CRABAPPLE
MULTI-STEM HAWTHORN
MULTI-STEM SERVICEBERRY
MULTI-STEM WITCH HAZEL
MULTI-STEM ARBORVITAE
MULTI-STEM JUNIPER
MULTI-STEM YEW
MULTI-STEM HEMLOCK
MULTI-STEM SPRUCE
MULTI-STEM PINE
MULTI-STEM FIR
MULTI-STEM CEDAR

LOT 25:
EXISTING PARKING SPACES: 13
PROPOSED PARKING SPACES: 39

SITE PLAN NOTES

1. SURVEY INFORMATION WAS PROVIDED BY OTHERS. C&S ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

2. CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND UTILITY LOCATIONS PRIOR TO THE START OF CONSTRUCTION. CONTACT THE OWNER AND ENGINEER WITH ANY DISCREPANCIES FOUND IN THE FIELD.

3. ALL DIMENSIONS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.

SITE PLAN SHEET KEYNOTES

1. 4" WIDE PAINTED YELLOW PAVEMENT STRIPES
2. 4" WIDE PAINTED YELLOW PAVEMENT STRIPES @ 45° AND 2'-0" O.C.
3. PLACE 4" TOPSOIL, SEED, AND MULCH PER DETAIL C2/C-503

SITE PLAN DETAIL LEGEND

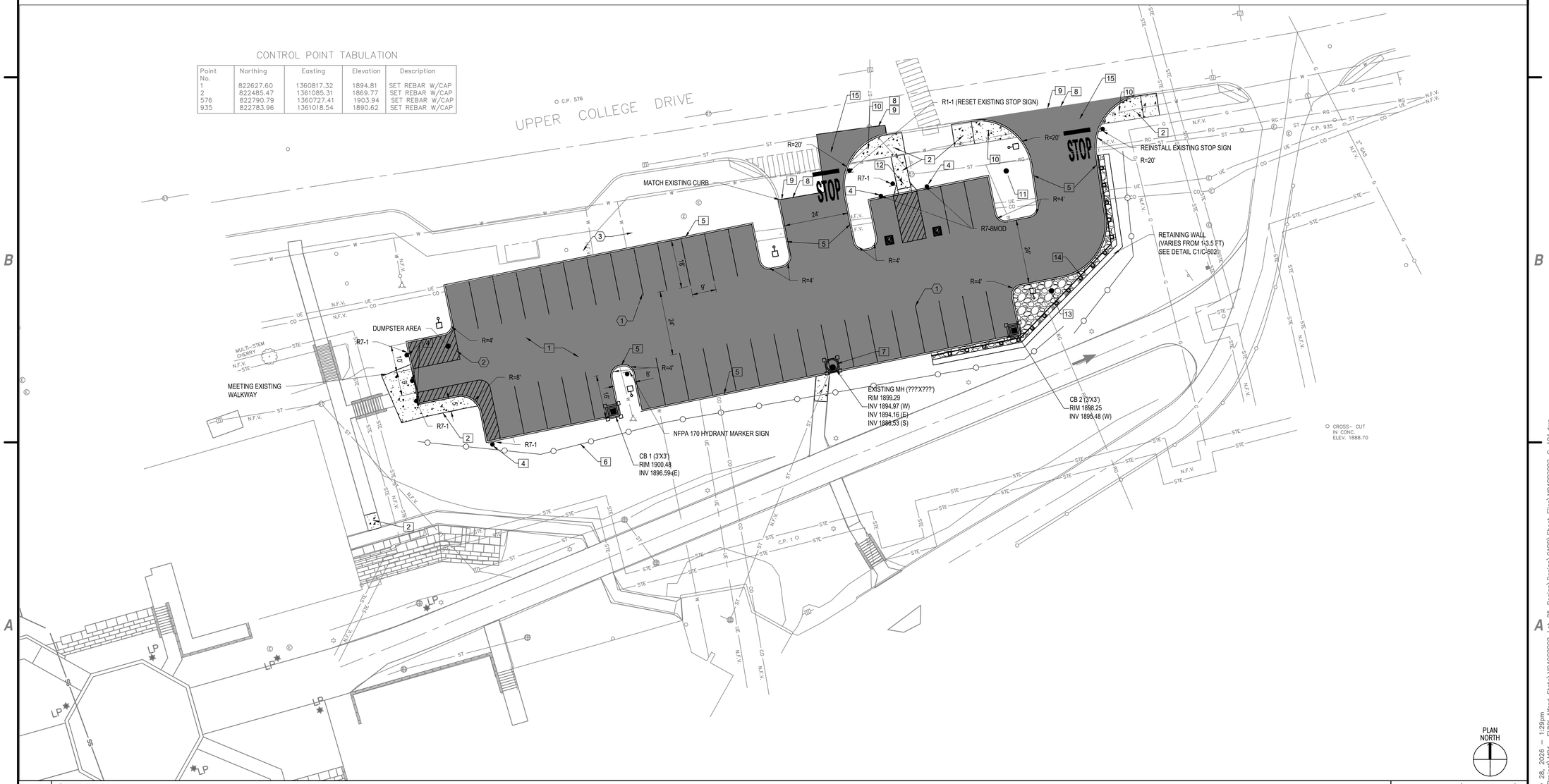
1. HEAVY DUTY ASPHALT PAVEMENT - SEE DETAIL B4/C-501
2. MEDIUM DUTY CONCRETE SIDEWALK - SEE DETAIL B3/C-501
3. ACCESSIBLE SIGNS & MARKINGS - SEE DETAIL A3/C-502
4. SIGN POST - SEE DETAIL A1/C-502
5. CONCRETE CURB - SEE DETAIL C3/C-501
6. SILT FENCE - SEE DETAIL C4/C-501
7. INLET PROTECTION - SEE DETAIL C3/C-502
8. PROVIDE ASPHALT PAVEMENT KEYING - SEE DETAIL A2/C-501
9. ASPHALT JOINT SEALANT - SEE DETAIL A3/C-501
10. ACCESSIBLE CURB RAMP 'D' - SEE DETAIL A1/C-503
11. TEMPORARY CONCRETE WASHOUT - SEE DETAIL A3/C-503
12. ACCESSIBLE CURB RAMP 'E' - SEE DETAIL B4/C-503
13. STONE MULCH SECTION - SEE DETAIL B3/C-503
14. DECORATIVE TIMBER GUIDERAIL - SEE DETAIL C3/C-503
15. PAINTED CROSSWALK - SEE DETAIL C3/C-503

SITE PLAN PROPOSED LEGEND

- PROPOSED SIGN (DETAIL A1/C-502)
- PROPOSED CONCRETE PAVEMENT/SIDEWALK
- E.P. — EDGE OF PAVEMENT
- LIGHTING FIXTURES
- SILT FENCE
- INLET PROTECTION

CONTROL POINT TABULATION

Point No.	Northing	Easting	Elevation	Description
1	822627.60	1360817.32	1894.81	SET REBAR W/CAP
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576	822790.79	1360727.41	1903.94	SET REBAR W/CAP
935	822783.96	1361018.54	1890.62	SET REBAR W/CAP



A1 SITE PLAN
SCALE: 1" = 20'

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ALFRED STATE COLLEGE
STATE UNIVERSITY OF NEW YORK

CERTIFICATE OF AUTHORIZATION #: 0021365

STATE OF NEW YORK — KNIGHT H. WETHEY — 080647 — LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

ALFRED STATE COLLEGE LOT 25 PARKING EXPANSION

MARK	DATE	DESCRIPTION

REVISIONS

PROJECT NO: M24.002.002
DATE: MAY 29, 2026
DRAWN BY: N. SIMS
DESIGNED BY: N. SIMS
CHECKED BY: D. WETHEY

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

SITE PLAN

C-101

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UTILITY PLAN DETAIL LEGEND

1 CATCH BASIN - SEE DETAIL A1/C-501
2 REHABILITATE STRUCTURE - SEE DETAIL B1/C-501.
3 PERFORATED UNDERDRAIN - SEE DETAIL, A4/C-503
4 UTILITY VAULT ELEVATION ADJUSTMENT - SEE DETAIL A2/C-503

UTILITY PLAN LEGEND

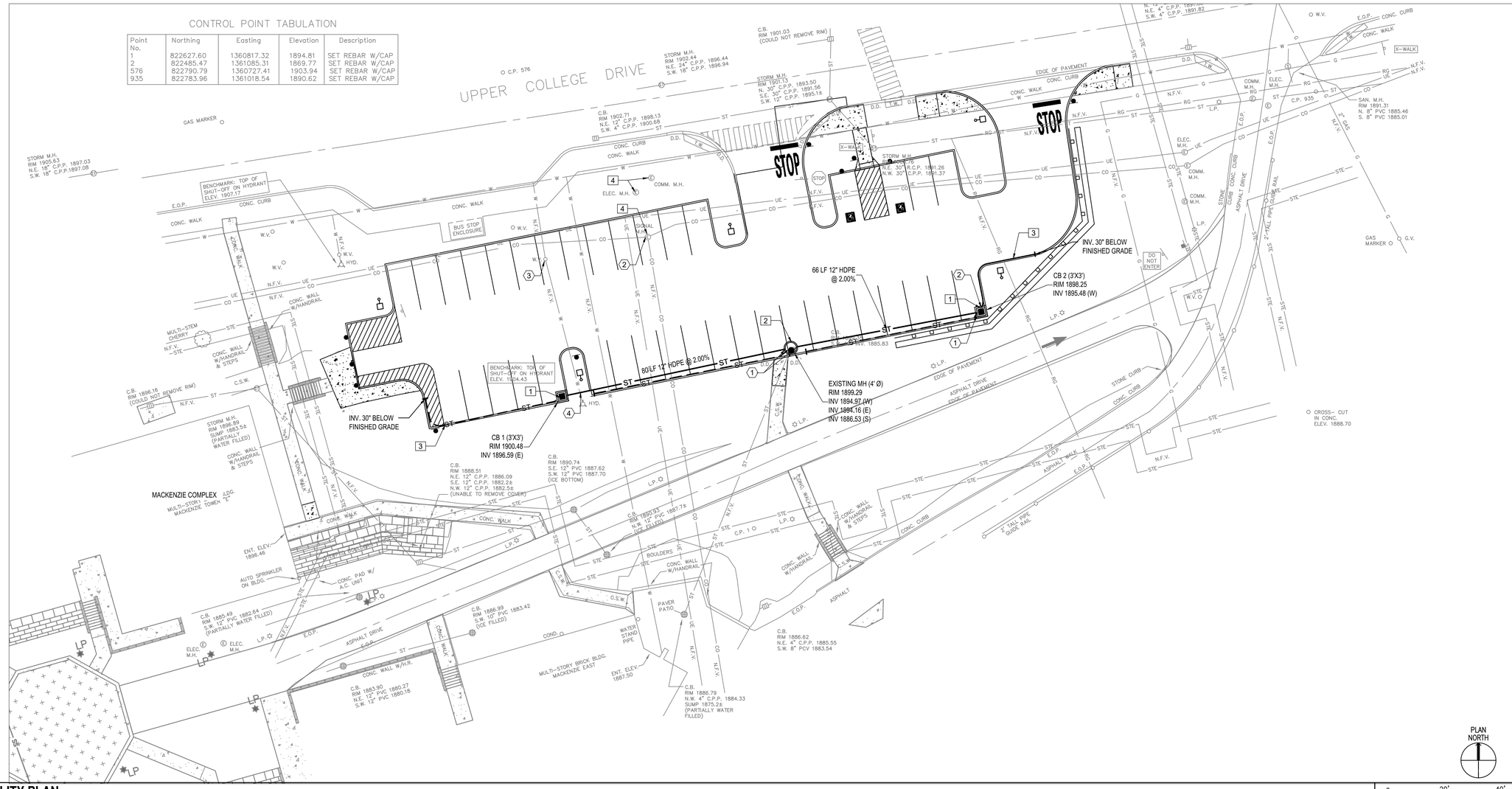
STE	EXISTING STEAM
CS	EXISTING SANITARY SEWER
ST	EXISTING STORM SEWER
W	EXISTING WATER MAIN
UE	EXISTING ELECTRIC
CO	EXISTING COMMUNICATIONS\
G	EXISTING GAS
ST	PROPOSED STORM SEWER
	PROPOSED 2'X2' CATCH BASIN
	PROPOSED 3'X3' CATCH BASIN
	PROPOSED LIGHT STANDARD

UTILITY PLAN KEYED NOTES

1. CORE DRILL AND CONNECT NEW PIPE TO EXISTING STRUCTURE
2. CONTRACTOR TO PROVIDE LOW PROFILE FRAME AND GRATE
3. ADJUST VALVE BOX TO BE FLUSH WITH PROPOSED FINISHED GRADE
4. CONTRACTOR TO TEST PIT AT LOCATION OF WATER-STORM SEWER CROSSING AND COORDINATE ELEVATIONS WITH ENGINEER.

CONTROL POINT TABULATION

Point No.	Northing	Easting	Elevation	Description
1	822627.60	1360817.32	1894.81	SET REBAR W/CAP
2	822485.47	1361085.31	1869.77	SET REBAR W/CAP
576	822790.79	1360727.41	1903.94	SET REBAR W/CAP
935	822783.96	1361018.54	1890.62	SET REBAR W/CAP



A1 UTILITY PLAN
SCALE: 1" = 20'

C&S COMPANIES
C&S Engineers, Inc.
100 South Clinton Ave Suite 2700
Rochester, New York 14604
Phone: 585-325-9040
Fax: 585-697-7588
www.cscos.com

ALFRED STATE COLLEGE
STATE UNIVERSITY OF NEW YORK

CERTIFICATE OF AUTHORIZATION #: 0021365

STATE OF NEW YORK · DWIGHT H. WETHEY · 088647 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

ALFRED STATE COLLEGE LOT 25 PARKING EXPANSION

MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO: M24.002.002
DATE: MAY 29, 2026
DRAWN BY: N. SIMS
DESIGNED BY: N. SIMS
CHECKED BY: D. WETHEY

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

UTILITY PLAN

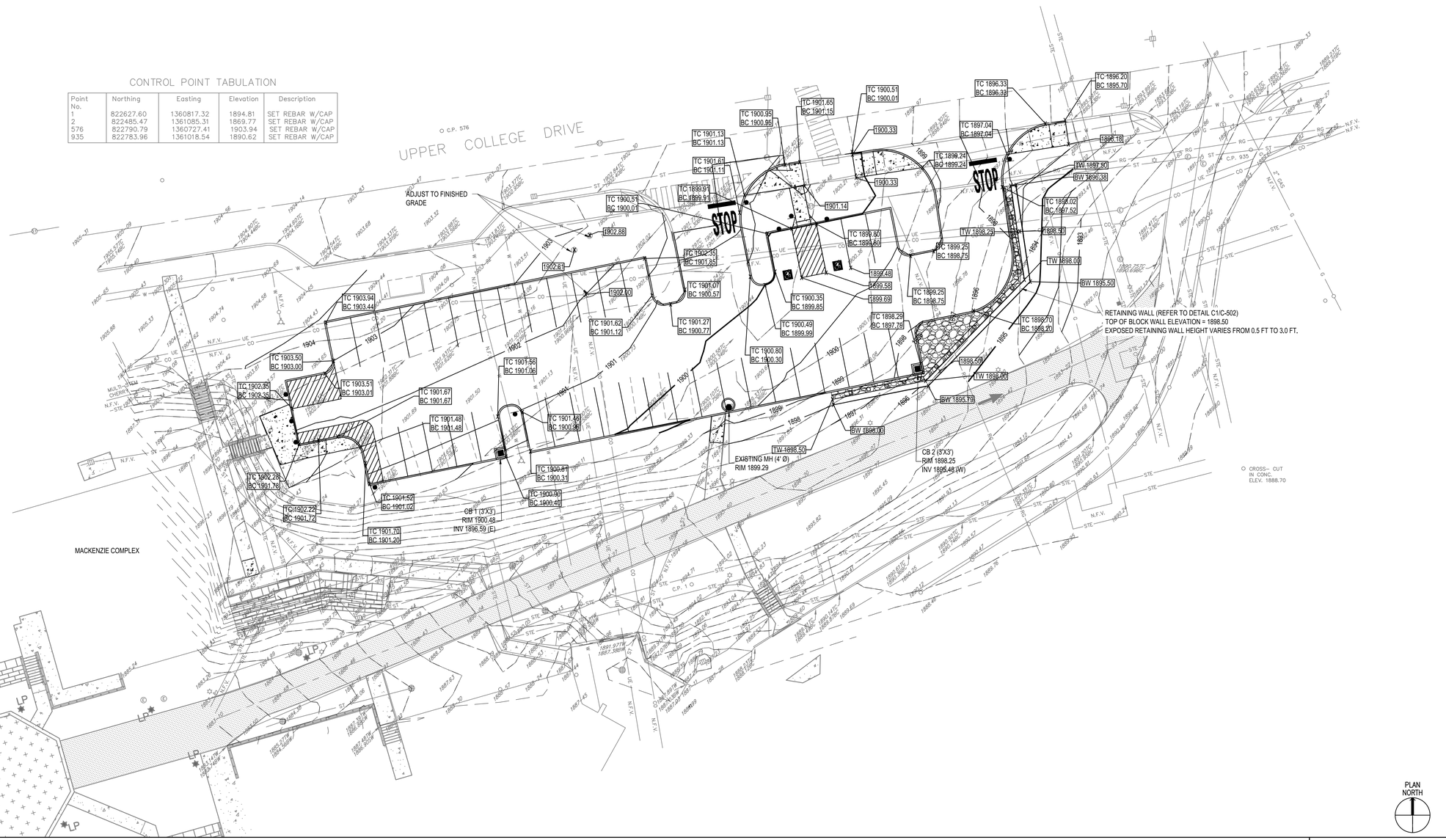
CU-101

May 28, 2026 – 1:30pm
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CONTROL POINT TABULATION

Point No.	Northing	Easting	Elevation	Description
1	822627.60	1360817.32	1894.81	SET REBAR W/CAP
2	822485.47	1361085.31	1869.77	SET REBAR W/CAP
576	822790.79	1360727.41	1903.94	SET REBAR W/CAP
935	822783.96	1361018.54	1890.62	SET REBAR W/CAP



A1 GRADING PLAN
SCALE: 1" = 20'

0 20' 40'

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GRADING PLAN

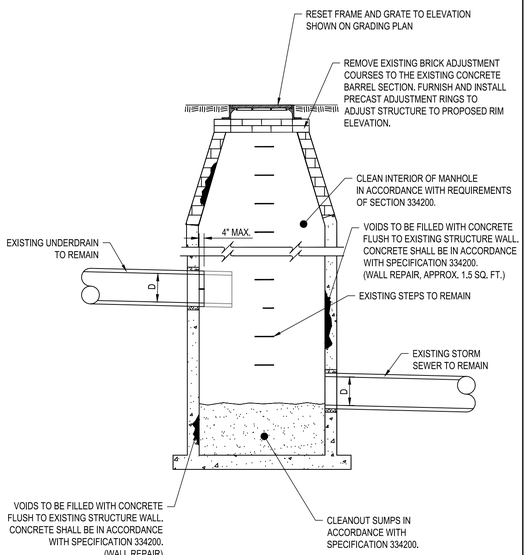
CG-101

May 28, 2026 – 1:30pm
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NOTES:

1.) STOP ALL ACTIVE LEAKS WITH PRESSURE INJECTION OF GROUT MATERIAL INTO DRILLED HOLES. PRIOR TO SPRAY-ON APPLICATION. ALL AREAS TO BE WATERPROOFED AS REQUIRED.

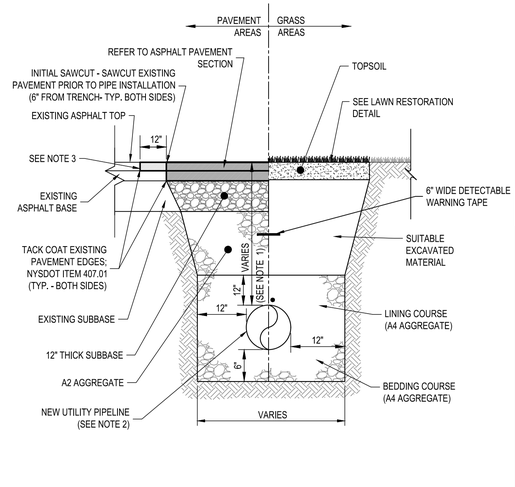


NOTE:

1. UPON COMPLETION OF CLEANING AND PATCHING, FURNISH AND INSTALL A MORTAR OR EPOXY BASED COATING SYSTEM TO THE INTERIOR WALLS OF THE DRAINAGE STRUCTURE. REFER SPECIFICATION SECTION 334200.
2. REFER TO DETAIL A4/C-501 FOR CONNECTION OF NEW STORM PIPES.

B1 STRUCTURE REHABILITATION DETAIL

SCALE: NOT TO SCALE



NOTES:

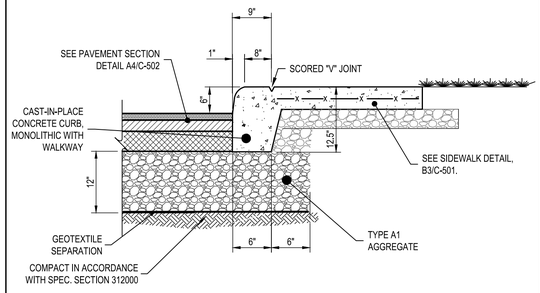
1.) CONTRACTOR TO PROVIDE TRENCH PROTECTION AS NEEDED, AND AS PER OSHA REQUIREMENTS.

2.) THIS UTILITY PIPING DETAIL IS FOR THE CONSTRUCTION OF NEW STORM PIPING.

3.) AT TRENCHES BELOW EXISTING PAVEMENT TO REMAIN, FINAL SAWCUT - SAWCUT EXISTING PAVEMENT PRIOR TO FINAL PAVING (6" FROM INITIAL SAWCUT - TYP. BOTH SIDES)

B2 TYPICAL PIPE TRENCHING DETAIL

SCALE: NOT TO SCALE

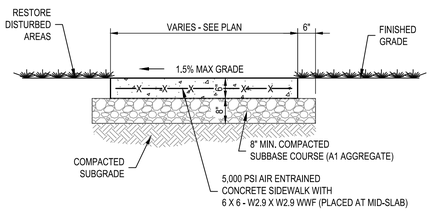


NOTE:

1. AT AREAS OF SITE PLAN WHERE THERE IS NO SIGNAGE ADJACENT TO THE PROPOSED CURB, PROVIDE A NYSDOT TYPE VF6 (8" WIDE AT CHAMFER), AS PER NYSDOT STANDARD SHEET 609-01.

C3 CONCRETE CURB

SCALE: NOT TO SCALE

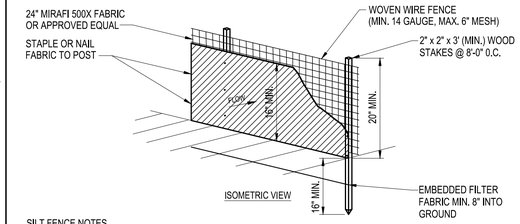


NOTES:

1.) IN AREAS WHERE WALKWAY MEETS EXISTING CONCRETE WALKS, PROVIDE PINNING WITH $\frac{5}{8}$" DIA BY 24" LONG EPOXY COATED DOWEL WITH PLASTIC SLEEVE, AT 18" ON CENTER.

B3 TYPICAL MEDIUM DUTY CONCRETE SIDEWALK DETAIL

SCALE: NOT TO SCALE



SILT FENCE NOTES

1. WOVEN WIRE FENCE SHALL BE SECURELY FASTENED TO FENCE POST WITH WIRE TIES OR STAPLES.

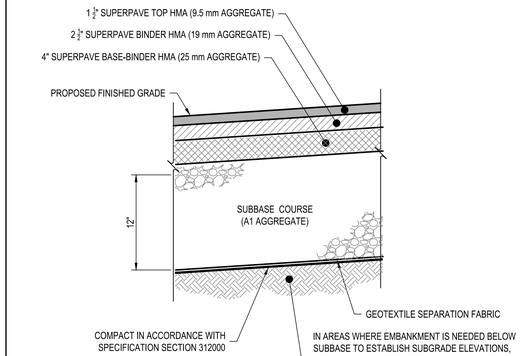
2. SILT FENCE FABRIC SHALL BE SECURELY FASTENED TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP & MID-SECTION. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN, THEY SHALL BE OVERLAPPED BY 6" & FOLDED.

3. MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER & MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

4. CONTRACTOR SHALL REMOVE THE SILT FENCE AT THE APPROPRIATE TIME, DRESS THE DISTURBED AREAS, & DISPOSE OF THE FENCE.

C4 TYPICAL SILT FENCE DETAIL

SCALE: NOT TO SCALE



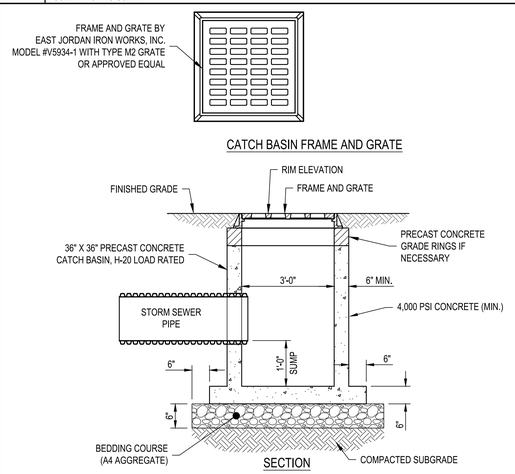
NOTES:

1.) REFER TO THE SITE PLAN DRAWINGS FOR LOCATIONS.

2.) REFER TO SPECIFICATION SECTION 321200 FOR INFORMATION REGARDING THE HOT MIX ASPHALT MIXES.

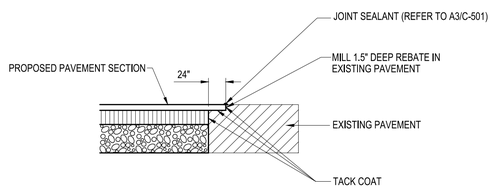
B4 TYPICAL HEAVY DUTY PAVEMENT SECTION

SCALE: NOT TO SCALE



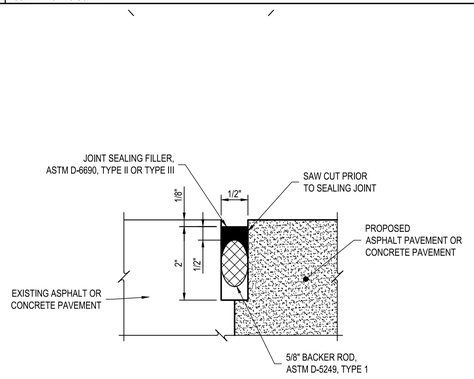
A1 TYPICAL 3'X3' CATCH BASIN

SCALE: NOT TO SCALE



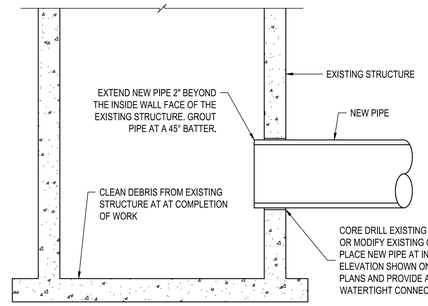
A2 ASPHALT PAVEMENT KEYING DETAIL

SCALE: NOT TO SCALE



A3 TYPICAL JOINT SEALING DETAIL

SCALE: NOT TO SCALE



NOTE:

NOTIFY OWNER'S REPRESENTATIVE PRIOR TO START OF CORE DRILLING IF UNSOUND CONDITIONS ARE ENCOUNTERED AT THE EXISTING STRUCTURE.

A4 NEW PIPE TO EXISTING STRUCTURE CONNECTION DETAIL

SCALE: NOT TO SCALE

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CERTIFICATE OF AUTHORIZATION #: 0021365

STATE OF NEW YORK · KNIGHT H. WETHEY · 080647 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

ALFRED STATE COLLEGE LOT 25 PARKING EXPANSION

MARK	DATE	DESCRIPTION

REVISIONS

PROJECT NO:	M24.002.002
DATE:	MAY 29, 2026
DRAWN BY:	N.SIMS
DESIGNED BY:	N. SIMS
CHECKED BY:	D. WETHEY, P.E.

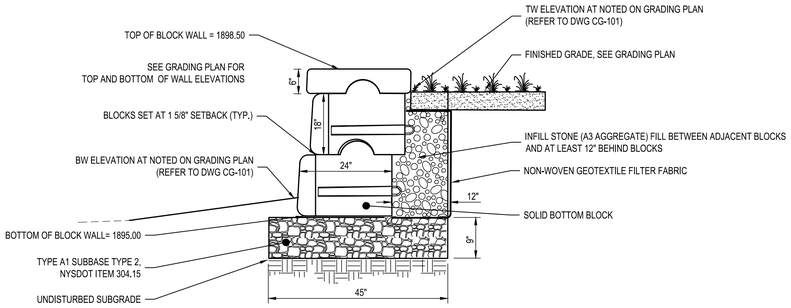
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SITE UTILITY DETAILS

C-501

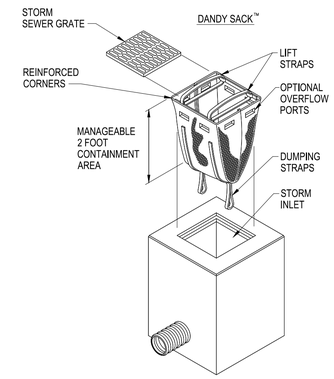
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C1 TYPICAL RETAINING WALL SECTION

SCALE: NOT TO SCALE



DANDY SACK™ SPECIFICATIONS

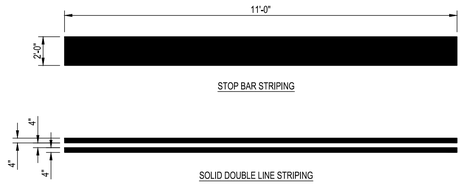
NOTE: THE DANDY SACK™ WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

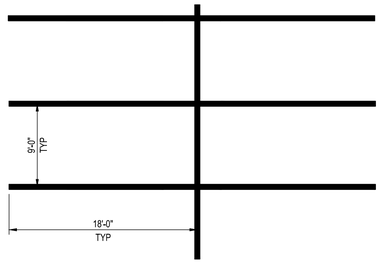
REGULAR FLOW DANDY SACK™ (BLACK)

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	kN (lbs)	1.78 (400) x 1.40 (315)
GRAB TENSILE ELONGATION	ASTM D 4632	%	15 x 15
PUNCTURE STRENGTH	ASTM D 4833	kN (lbs)	0.67 (150)
MULLEN BURST STRENGTH	ASTM D 3786	kPa (psi)	5506 (800)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	kN (lbs)	0.67 (150) x 0.73 (165)
UV RESISTANCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
FLOW RATE	ASTM D 4491	1/min/m² (gal/min/ft²)	2852 (70)
PERMITTIVITY	ASTM D 4491	Sec ⁻¹	0.90

C3 FILTER SACK INLET PROTECTION

SCALE: NOT TO SCALE



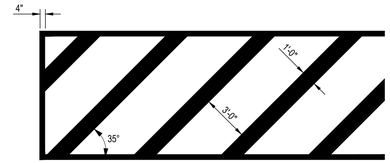


PARKING STALL STRIPING

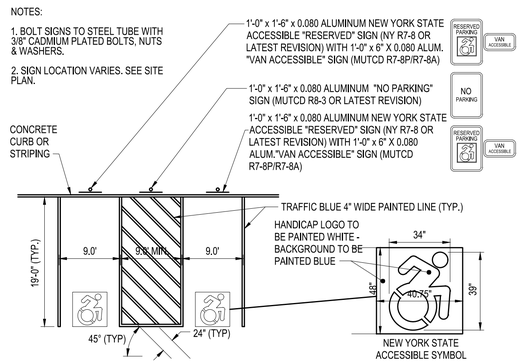
TYPICAL PAVEMENT MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH PART 3 OF THE 2009 FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE NEW YORK STATE SUPPLEMENT. LINE WIDTHS AND SPACING SHALL BE THE SAME AS DETAILED ON THIS SHEET.

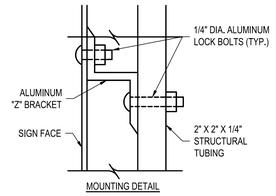
2. AFTER THE CONTRACTOR HAS ESTABLISHED MARKING LINE POINTS FOR THE MARKINGS, AS PER NYSDOT SPEC. SECT. 640-3, BY PAINT OR OTHER APPROVED MEANS AND BEFORE THE REFLECTORIZED PAVEMENT MARKINGS ARE PLACED, THE OWNER'S REPRESENTATIVE SHALL REVIEW AND APPROVE OR REVISE THESE LOCATIONS TO MEET FIELD CONDITIONS. NECESSARY LOCATION ADJUSTMENTS WILL BE MADE PRIOR TO PLACING THE REFLECTORIZED PAVEMENT MARKINGS.



TYPE B CROSS HATCH STRIPING



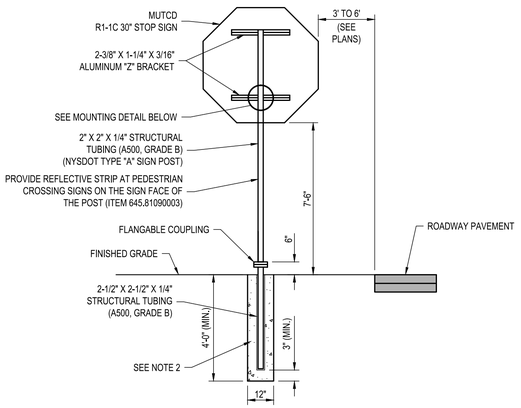
ACCESSIBLE SIGNS AND MARKINGS



MOUNTING DETAIL

SIGNAGE TABLE

SIGN (N.M.U.T.C.D. #)	BACKGROUND & LEGEND COLOR	SIGN SIZE	LOCATION	QUANTITY
STOP (R1-1)	RED BACKGROUND WHITE LEGEND	30" X 30"	REFER TO SITE PLAN	1 (EACH) 1 RESET (EXISTING)
RESERVED PARKING (R7-8 MOD)	WHITE BACKGROUND GREEN LEGEND BLUE & WHITE SYMBOL	12" X 18"	REFER TO SITE PLAN	2 EACH
NO PARKING ANY TIME (R7-1)	WHITE BACKGROUND GREEN LEGEND BLUE & WHITE SYMBOL	12" X 18"	REFER TO SITE PLAN	1 EACH
(NFPA 170 HYDRANT MARKER SIGN)	RED BACKGROUND WHITE LEGEND	12" X 18"	REFER TO SITE PLAN	1 EACH



SINGLE POST SIGN ASSEMBLY

NOTES:

1. SIGNS SHALL CONFORM IN SIZE, APPEARANCE AND RELECTORIZATION TO THE REQUIREMENTS OF THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (NMUTCD), WITH NEW YORK STATE SUPPLEMENTS.

2. NYSDOT TYPE "A" SIGN POSTS SHALL BE INSTALLED INTO THE GROUND SO THAT THEY PROVIDE A MOMENT CAPACITY OF 2,100 FT-LBS PER POST(AS PER NYSDOT STANDARD SPECIFICATIONS SECTION 645-2). IF SOFT SOILS ARE ENCOUNTERED, SIGN POST BASE SHALL BE INSTALLED WITH A SOIL PLATE OR IN 2,500 PSI CONCRETE AS DIRECTED BY OWNER'S REPRESENTATIVE.

3. CONTRACTOR TO COORDINATE SIGN POST LOCATIONS WITH UNDERGROUND UTILITIES.

A1 TRAFFIC SIGN DETAILS AND SIGNAGE TABLE

SCALE: NOT TO SCALE

A3 PAVEMENT MARKING DETAILS & NOTES

SCALE: NOT TO SCALE

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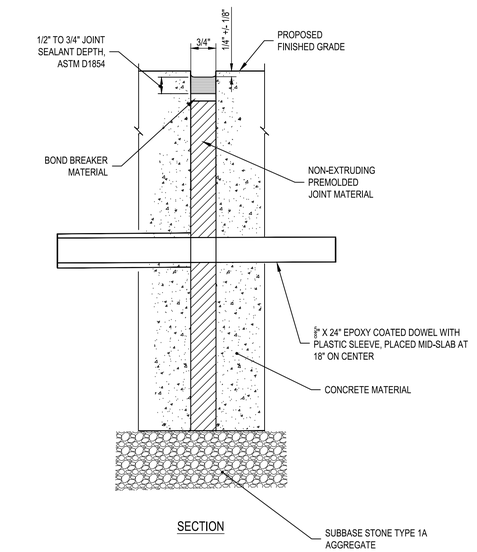
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DETAILS

C-502

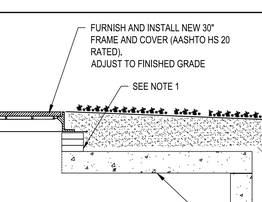
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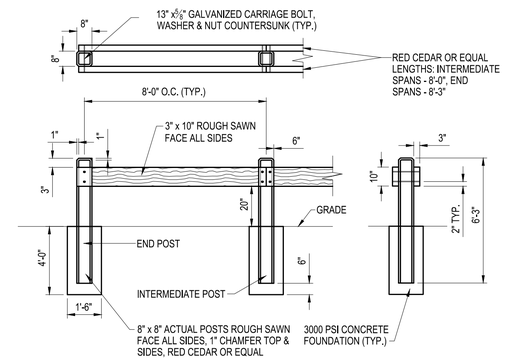
B1 TYPICAL CONCRETE (FLATWORK DOWEL) JOINT DETAIL

SCALE: NOT TO SCALE



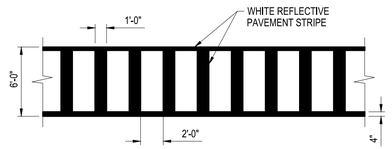
C2 TYPICAL GRASS RESTORATION DETAIL

SCALE: NOT TO SCALE



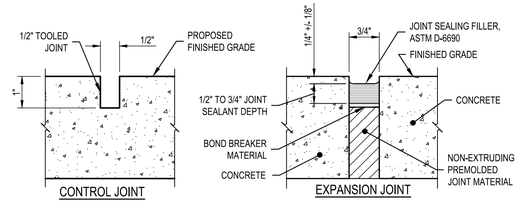
C3 DECORATIVE TIMBER GUIDERAIL

SCALE: NOT TO SCALE



C4 PEDESTRIAN CROSSWALK DETAIL

SCALE: NOT TO SCALE

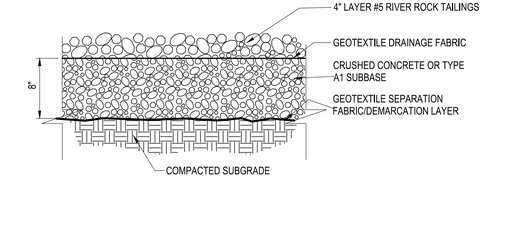


NOTE:

1. REFER TO DETAIL B1/C-503 FOR DOWELED CONNECTIONS AT EXPANSION JOINTS.

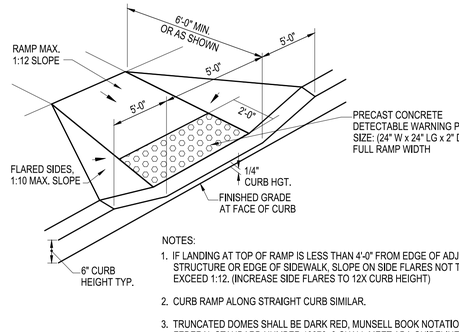
B2 CONCRETE JOINT DETAILS

SCALE: NOT TO SCALE



B3 STONE MULCH SECTION

SCALE: NOT TO SCALE

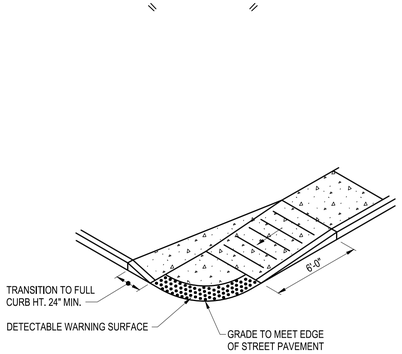


NOTES:

1. IF LANDING AT TOP OF RAMP IS LESS THAN 4'-0" FROM EDGE OF ADJACENT STRUCTURE OR EDGE OF SIDEWALK, SLOPE ON SIDE FLARES NOT TO EXCEED 1:12. (INCREASE SIDE FLARES TO 12X CURB HEIGHT)
2. CURB RAMP ALONG STRAIGHT CURB SIMILAR.
3. TRUNCATED DOMES SHALL BE DARK RED, MUNSELL BOOK NOTATION 10r 3/6. FEDERAL STANDARD NUMBER 10076, & SHALL MEET ADA GUIDELINES & NYSDOT STANDARD SPECIFICATIONS.

B4 ACCESSIBLE CURB RAMP 'E'

SCALE: NOT TO SCALE



A1 ACCESSIBLE CURB RAMP 'D'

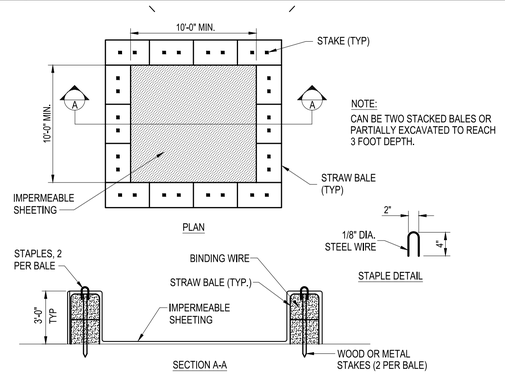
SCALE: NOT TO SCALE

NOTES:

1. REMOVE EXISTING BRICK IN ITS ENTIRETY TO THE CONCRETE TOP SLAB.

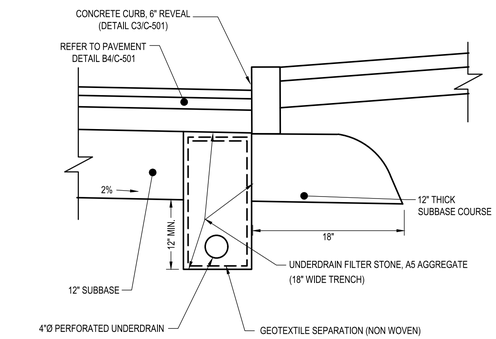
A2 UTILITY VAULT ELEVATION ADJUSTMENT DETAIL

SCALE: NOT TO SCALE



A3 TEMPORARY CONCRETE WASHOUT DETAIL

SCALE: NOT TO SCALE



A4 PERFORATED UNDERDRAIN

SCALE: NOT TO SCALE

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ALFRED STATE COLLEGE
STATE UNIVERSITY OF NEW YORK

CERTIFICATE OF AUTHORIZATION #: 0021365

STATE OF NEW YORK · DWIGHT H. WETHEY · 080647 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

ALFRED STATE COLLEGE LOT 25 PARKING EXPANSION

MARK	DATE	DESCRIPTION
		REVISIONS

PROJECT NO:	M24.002.002
DATE:	MAY 29, 2026
DRAWN BY:	N.SIMS
DESIGNED BY:	N. SIMS
CHECKED BY:	D. WETHEY, P.E.

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SITE UTILITY DETAILS

C-503

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LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS	VOLTAGE	NOMINAL WATTAGE	DESCRIPTION	LENS / SHIELDING	MOUNTING	FINISH	NOTES
LA	LED	UNIVERSAL	110	Lithonia Radean Post Top RADPT LED P5 40K SYM MVOLT PT4 PE DBLXD	-	POLE MOUNT	BLACK	1

NOTES:
1. PROVIDE WITH PHOTOCELL

SITE LIGHTING PLAN KEYED NOTES

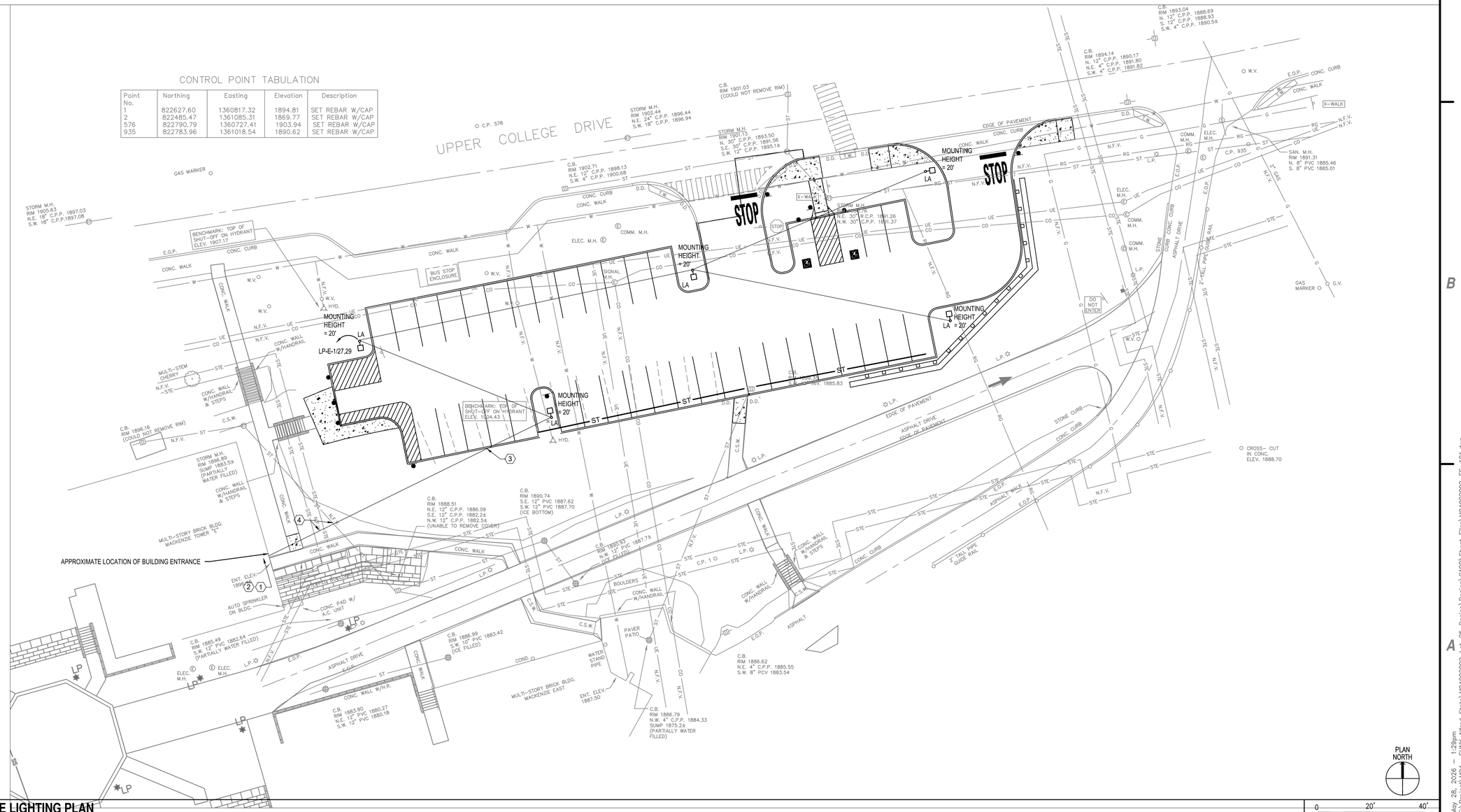
1. APPROXIMATE LOCATION OF PANELBOARD LP-E-1 LOCATED IN MECHANICAL/ELECTRICAL ROOM OF MACKENZIE TOWER EAST.
2. PROVIDE 20A, 2P CIRCUIT BREAK IN PANELBOARD LP-E-1. REMOVE (2) TWO 1P CIRCUIT BREAKERS AND TURN OVER TO THE CAMPUS ELECTRICIAN. UPDATE PANEL SCHEDULE ACCORDINGLY.
3. PROVIDE 2-#6, 1-#12GND, 1" C. FROM PANELBOARD LP-E-1 TO SERVE SITE LIGHTING FIXTURES. PROVIDE FOUNDATIONS PER DETAIL A2/E-501.
4. TEST PIT AND COORDINATE DEPTHS OF EXISTING UTILITIES AT CROSSING WITH OWNER'S REPRESENTATIVE.

GENERAL NOTES:

1. COORDINATE NEW LIGHT POLE FOUNDATION INSTALLATION WITH EXISTING UTILITIES IN THE AREA.
2. REFER TO DRAWING E-501 FOR DETAILS REGARDING TRENCHING, POLE FOUNDATIONS AND LUMINAIRE SCHEDULES.
3. ALL EXTERIOR, EXPOSED CONDUITS SHALL BE RGS CONDUIT, UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR, DIRECT-BURIED CONDUITS SHALL BE SCHEDULE 80 PVC, UNLESS NOTED OTHERWISE.
5. EXISTING HOME-RUN CIRCUITS AND LIGHTING CONTROLS SERVING SITE LIGHTING SHALL REMAIN, UNLESS NOTED OTHERWISE.
6. PROVIDE HAND HOLES AS REQUIRED TO FACILITATE SITE LIGHTING CIRCUIT INSTALLATION. REFER TO HANDHOLE DETAIL B1/E-501. HANDHOLES ARE TO BE LOCATED IN TURF AREAS.

CONTROL POINT TABULATION

Point No.	Northing	Easting	Elevation	Description
1	822627.60	1360817.32	1894.81	SET REBAR W/CAP
2	822485.47	1361085.31	1869.77	SET REBAR W/CAP
576	822790.79	1360727.41	1903.94	SET REBAR W/CAP
935	822783.96	1361018.54	1890.62	SET REBAR W/CAP



A1 SITE LIGHTING PLAN
SCALE: 1" = 20'

C&S COMPANIES
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CERTIFICATE OF AUTHORIZATION #: 0021365

STATE OF NEW YORK
ROBERT MONROE GLEASON III
LICENSED PROFESSIONAL ENGINEER
No. 104395

REGISTRATION EXPIRES: 05/31/2029

ALFRED STATE COLLEGE LOT 25 PARKING EXPANSION

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DESIGNED BY:	R. GLEASON
CHECKED BY:	R. GLEASON

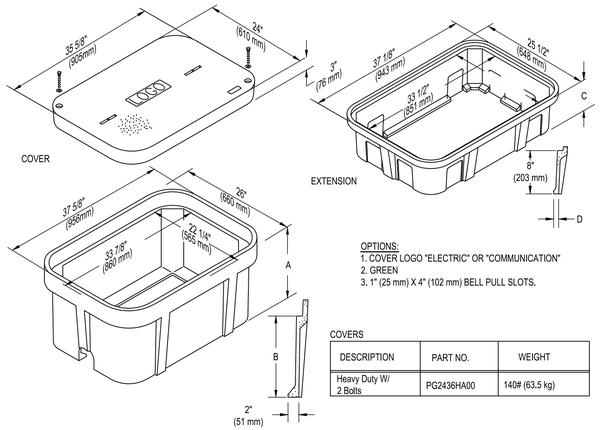
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SITE LIGHTING PLAN

ES-101

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OPTIONS:
1. COVER LOGO "ELECTRIC" OR "COMMUNICATION"
2. GREEN
3. 1" (25 mm) X 4" (102 mm) BELL PULL SLOTS.

COVERS

DESCRIPTION	PART NO.	WEIGHT
Heavy Duty W/ 2 Bolts	PG2436HA00	140# (63.5 kg)

BOX

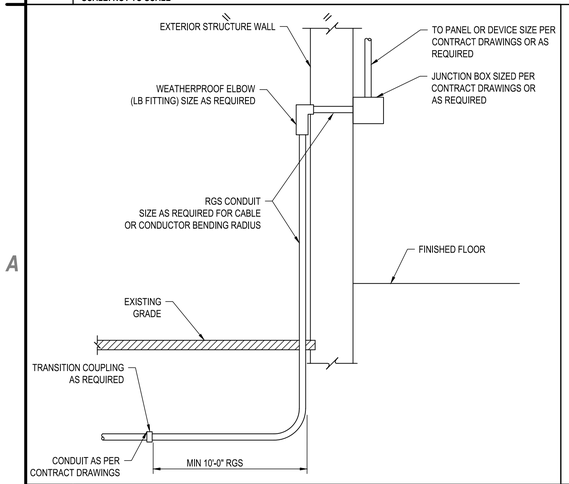
BOXES

DESCRIPTION	PART NO.	WEIGHT	DIMENSIONS	
			A	B
W/ No Base				
	PG2436BA30	212# (96.2 kg)	30" (762 mm)	27" (686 mm)

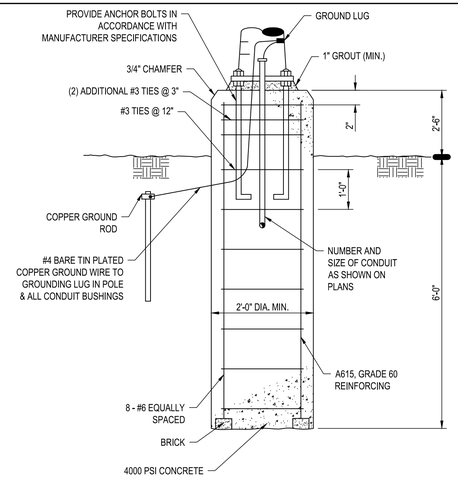
B1 HANDHOLE DETAIL
SCALE: NOT TO SCALE

C3 NOT USED
SCALE: NOT TO SCALE

C4 NOT USED
SCALE: NOT TO SCALE

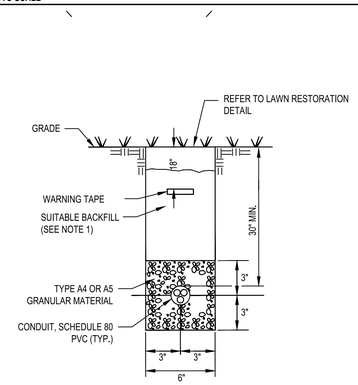


A1 CONDUIT ENTRANCE DETAIL
SCALE: NOT TO SCALE



A2 LIGHT POLE FOOTING DETAIL
SCALE: NOT TO SCALE

B3 NOT USED
SCALE: NOT TO SCALE



NOTE:

1. AT AREA OF CONDUIT BELOW NEW AND EXISTING ASPHALT OR CONCRETE PAVEMENT, INSTALL TYPE A1 SUBBASE AS BACKFILL ABOVE THE GRANULAR BEDDING MATERIAL AT THE CONUIT.

A3 CONDUIT TRENCH DETAIL
SCALE: NOT TO SCALE

B4 NOT USED
SCALE: NOT TO SCALE

A4 NOT USED
SCALE: NOT TO SCALE

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ELECTRICAL DETAILS

E-501

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