

BROOME DDSO
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

BROOME DDSO ROAD - PARKING LOT EXPANSION PROJECT

BID DOCUMENTS 9/20/2024

NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208



Office for People With
 Developmental Disabilities

Seal & Signature



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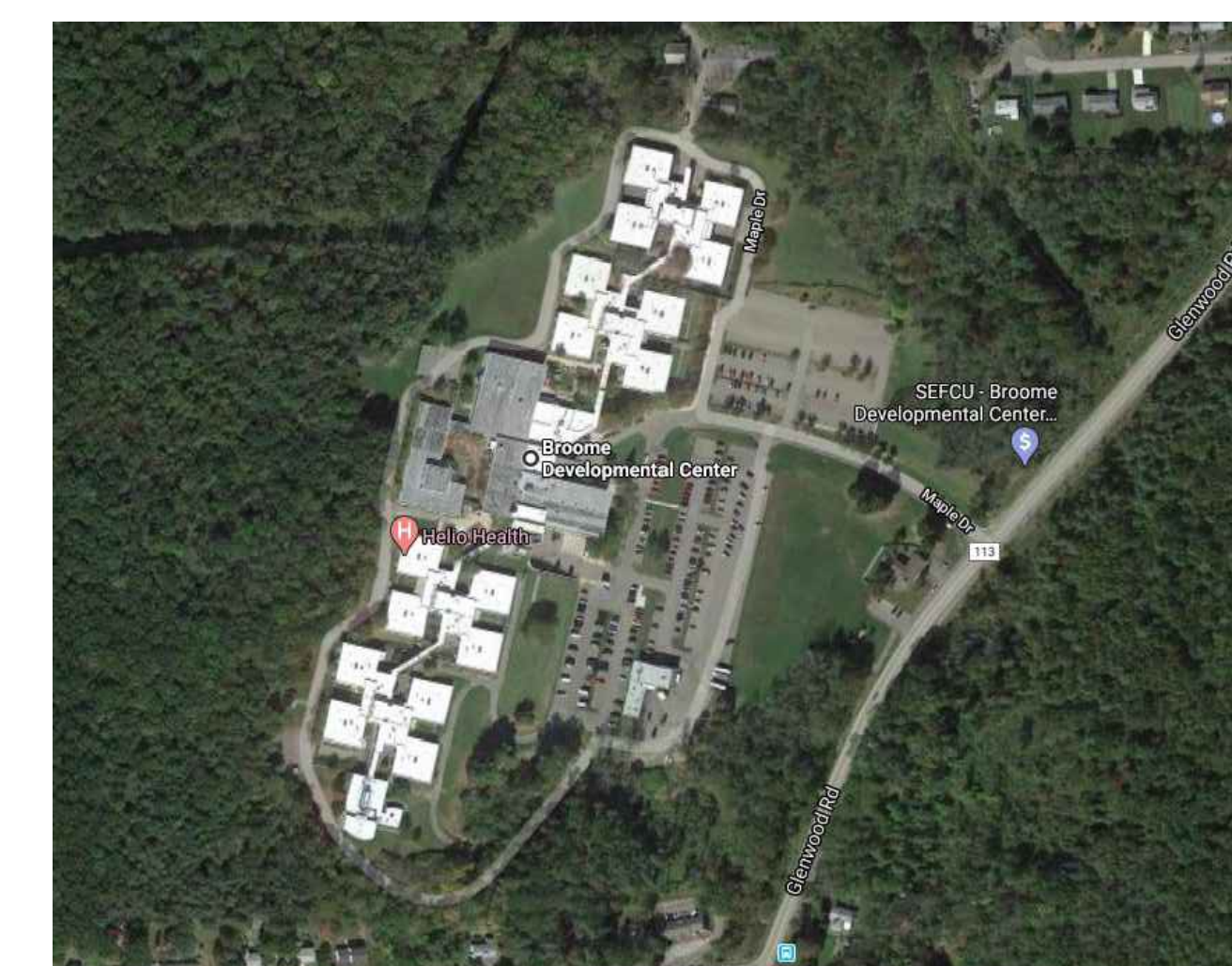
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LOCATION PLAN



PROJECT LOCATION

SITE PLAN

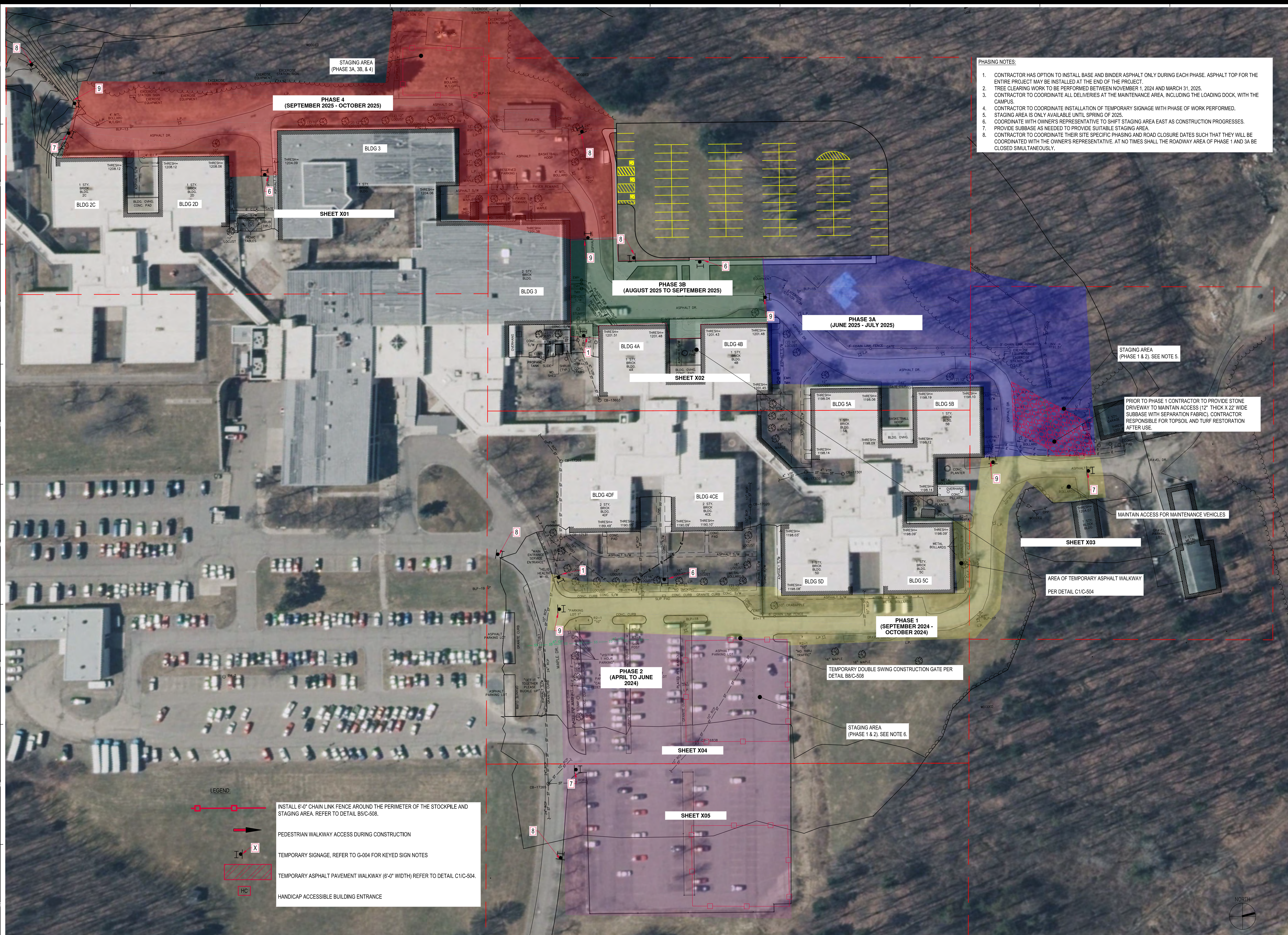


**BROOME DDSO - ROAD - PARKING LOT
 EXPANSION PROJECT**

Date: 9/20/2024

BID DOCUMENTS

DASNY Project No: 354360



- PHASING NOTES:**
1. CONTRACTOR HAS OPTION TO INSTALL BASE AND BINDER ASPHALT ONLY DURING EACH PHASE. ASPHALT TOP FOR THE ENTIRE PROJECT MAY BE INSTALLED AT THE END OF THE PROJECT.
 2. TREE CLEARING WORK TO BE PERFORMED BETWEEN NOVEMBER 1, 2024 AND MARCH 31, 2025.
 3. CONTRACTOR TO COORDINATE ALL DELIVERIES AT THE MAINTENANCE AREA, INCLUDING THE LOADING DOCK, WITH THE CAMPUS.
 4. CONTRACTOR TO COORDINATE INSTALLATION OF TEMPORARY SIGNAGE WITH PHASE OF WORK PERFORMED.
 5. STAGING AREA IS ONLY AVAILABLE UNTIL SPRING OF 2025.
 6. COORDINATE WITH OWNER'S REPRESENTATIVE TO SHIFT STAGING AREA EAST AS CONSTRUCTION PROGRESSES.
 7. PROVIDE SUBBASE AS NEEDED TO PROVIDE SUITABLE STAGING AREA.
 8. CONTRACTOR TO COORDINATE THEIR SITE SPECIFIC PHASING AND ROAD CLOSURE DATES SUCH THAT THEY WILL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. AT NO TIMES SHALL THE ROADWAY AREA OF PHASE 1 AND 3A BE CLOSED SIMULTANEOUSLY.

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 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
PHASING PLAN

Phase
BID DOCUMENTS

Drawn By: **NJS** Checked By: **DHW** Date: **9/20/2024**

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TEMPORARY WORK ZONE NOTES

A. PRIOR TO THE START OF ANY WORK OPERATIONS, ALL TRAFFIC CONTROL SHALL BE COMPLETE. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL SIGNS, TEMPORARY WALKWAYS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.) FLAGGERS, PAVEMENT MODIFICATIONS, AND OTHER RELATED WORK.

TRAFFIC CONTROL

A. THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION SECTION 340133 AND THE WORK ZONE PROTECTION PLANS AND DETAILS. FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PLANS, THE PROVISIONS OF SPECIFICATION SECTION 340133 SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PLANS ARE TO BE CONSIDERED MINIMUM STANDARDS. ADDITIONAL PROTECTION MUST BE PROVIDED WHERE SPECIAL COMPLEXITIES AND HAZARDS EXIST.

WORK AREA COORDINATION

- A. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP OR ARE IN PROXIMITY, AS DETERMINED BY THE OWNERS REPRESENTATIVE, THE CONTRACTOR SHALL ENSURE THERE IS NO CONFLICT IN SIGNING AND THAT PEDESTRIAN CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- B. THE CONTRACTOR SHALL COORDINATE ANY UTILITY WORK, TREE REMOVALS, SUBCONTRACTOR WORK, LANDSCAPE & HARDSCAPE FINISHES OR OTHER CONSTRUCTION OPERATIONS IN THE AREA, AND IS RESPONSIBLE FOR ENSURING THAT PROPER WORK ZONE PROTECTION IS OBTAINED FOR ALL CONDITIONS.
- C. THE CONTRACTOR IS TO NOTIFY DIG SAFELY NEW YORK (U-DIG) A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO DIGGING OR DRILLING FOR A UTILITY STAKE-OUT. THIS NOTIFICATION SHALL BE CONCURRENT WITH NOTIFICATIONS TO CAMPUS FACILITIES AND THE UTILITY LOCATOR.
- D. THE CONTRACTOR SHALL MAINTAIN A SINGLE LANE OF TRAFFIC ON CAMPUS ROADWAYS AS NOTED. TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. AT A MINIMUM TRENCHES SHALL BE TEMPORARILY RESTORED WITH CRUSHED LIMESTONE (TYPE A1 SUBBASE) PRIOR TO OPENING TO TRAFFIC.
- E. CONTRACTOR TO MAINTAIN EMERGENCY VEHICLE ACCESS THROUGH THE WORK AREAS.

SIGNS

- A. THE CORRECT SEQUENCE AND PLACEMENT OF APPROPRIATE SIGNS, WHETHER PERMANENT, TEMPORARY, OR CONSTRUCTION, MUST BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE PLANS, AND AS REVIEWED WITH THE OWNERS REPRESENTATIVE.
- B. ALL SIGNS INCLUDING GUIDE SIGNS, SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES AND SHALL BE COVERED, MOVED, REMOVED, RELOCATED OR CHANGED IMMEDIATELY IF A DISCREPANCY IS NOTED.
- C. COLORS USED FOR CONSTRUCTION SIGNING (INCLUDING TEMPORARY OR MODIFIED GUIDE SIGNS) SHALL BE BLACK LEGEND ON ORANGE BACKGROUND, UNLESS OTHERWISE NOTED.
- D. IF ADVANCE SIGNING OBSTRUCTS THE VISIBILITY OF THE FLAGGER OR CONFLICTS WITH DRIVEWAYS OR SIDEWALKS, SIGNS SHOULD BE MOVED UPSTREAM AS DIRECTED BY THE ENGINEER.
- E. ALL SIGNS NECESSARY FOR WORK ZONE PROTECTION OF TRAFFIC (INCLUDING RELOCATION AND/OR MODIFICATION) AS NOTED IN THE PLANS AND SPECIFICATIONS, SHALL BE INCLUDED IN THE OVERALL COST OF THE PROJECT.
- F. CARE SHOULD BE TAKEN SO AS NOT TO DAMAGE THE PERMANENT SIGNS IF THEY ARE COVERED. ANY SIGNS SO DAMAGED SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.

FLAGGERS

- A. WHEN FLAGGERS ARE BEING USED FOR TRAFFIC CONTROL PURPOSES, FLAGGER SIGNS (MUTCD # W20-7) SHALL BE PLACED ON ALL APPROACHES TO THE AREAS BEING FLAGGED. THE COST OF FLAGGER SIGNS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. FLAGGER SIGNS SHALL NOT BE USED FOR BRIEF PERIODS OF INCIDENTAL FLAGGING. FLAGGER SIGNS SHALL NOT BE VISIBLE WHEN FLAGGERS ARE NOT BEING USED.
- B. STOP/SLOW PADDLES SHALL CONFORM TO THE REQUIREMENTS IN THE 2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) BUT SHALL BE A MINIMUM WIDTH OF 2 FT. THE COST OF THESE PADDLES AND ALL FLAGGERS SHALL BE INCLUDED IN THE CONTRACTOR'S OVERALL BID PRICE.
- C. FLAGGERS SHALL NOT POSITION THEMSELVES DIRECTLY IN THE PATH OF ONCOMING TRAFFIC. AT ALL TIMES, THE CONTRACTOR SHALL PROVIDE FLAGGERS WITH A CLEAR ESCAPE PATH, FREE OF PARKED VEHICLES, EQUIPMENT OF OTHER OBSTACLES.
- D. THE CONTRACTOR SHALL PROVIDE FLAGGERS WHERE SIGHT DISTANCES ARE IMPAIRED BY THE OPERATION, OR IN ANY OTHER SITUATION OF DECREASED VISIBILITY.
- E. FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS, WALKIE-TALKIES, OR OTHER FORMS OF ENHANCED COMMUNICATION WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER. ALL COSTS SHALL BE INCLUDED IN THE OVERALL BID PRICE.

CONCURRENT PROJECTS

A. THE CONTRACTOR IS ADVISED THAT OTHER CONSTRUCTION WORK WILL BE TAKING PLACE CONCURRENTLY DURING THE PROJECT, IN THE VICINITY OF THE PROJECT SITE. THE CONCURRENT WORK MAY REQUIRE TEMPORARY ADJUSTMENTS TO PEDESTRIAN ACCESS ROUTES IN THE VICINITY OF THE PROJECT SITE.

OPEN CUTS IN PAVEMENT

A. ALL ROADWAY AREAS TEMPORARILY CLOSED FOR TRENCH EXCAVATION OR EXCAVATION REQUIRED FOR STRUCTURES SHALL BE REOPENED AT THE END OF THE WORK DAY. AT ALL TIMES WHEN WORK IS NOT IN PROGRESS, ALL OPENINGS SHALL BE COVERED WITH ANCHORED STEEL PLATES OR SHALL BE BACKFILLED IN ACCORDANCE WITH THE STRUCTURE DETAILS. IF ANCHORED STEEL PLATES ARE THE CHOSEN OPTION, THE CONTRACTOR SHALL SUBMIT THE PROPOSED METHOD OF ANCHORING THE STEEL PLATES TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING ANY ROADWAY EXCAVATION. THE STEEL PLATES SHALL BE RAMPED WITH A BITUMINOUS MATERIAL PRIOR TO OPENING THE LANE. IF OPEN TRENCHES CANNOT BE COVERED WITH ROAD PLATES AT THE END OF THE WORK DAY, THEY SHALL BE BARRICADED WITH TEMPORARY CONCRETE BARRIER OR VERTICAL STEEL SHEETING TO PROVIDE A BARRIER FOR VEHICLES AND PEDESTRIANS. CONTRACTOR TO INSTALL LIGHTED PLASTIC DRUM BARRICADES AT ALL PLATED AND UNPLATED EXCAVATIONS.

MISCELLANEOUS

- A. ALL ROADS SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- B. CONTRACTOR TO PROVIDE KEYS TO GATE LOCKS TO THE OWNER'S REPRESENTATIVE AND BINGHAMTON FIRE DEPARTMENT.

BUILDING EGRESS

- A. CONTRACTOR TO MAINTAIN PEDESTRIAN EGRESS FROM BUILDINGS AT ALL TIMES, WHENEVER POSSIBLE. AT ISOLATED INSTANCES WHERE THERE WILL BE A DISRUPTION IN THE EGRESS PATH, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AT LEAST SIX (6) BUSINESS DAYS IN ADVANCE OF THE DISTURBANCE.
- B. AT AREAS WHERE WALKWAYS WILL NEED TO BE TEMPORARILY CLOSED, PROVIDED SIGNAGE AND TEMPORARY BARRIERS, ADDITIONAL BUILDING WAY FINDING SIGNAGE MAY BE NEEDED DURING CONSTRUCTION. IF ADDITIONAL TEMPORARY WAY-FINDING SIGNAGE IS NEEDED, THEY WILL BE FURNISHED BY THE CAMPUS FOR INSTALLATION ON SIGN POSTS OR TEMPORARY FENCING. (ASSUME 20 SIGNS TO BE INSTALLED AS PART OF THE BID).
- C. AT NO TIME SHALL WORK AT BUILDING ENTRANCE SIDEWALKS OCCUR SIMULTANEOUSLY WITH ANOTHER ENTRANCE OF THE SAME BUILDING NOR SHALL ANY PEDESTRIANS BE EXITING THE BUILDING INTO CONSTRUCTION AREAS.

TEMPORARY ASPHALT WALKWAY NOTE

A. TEMPORARY ASPHALT PAVEMENT WALKWAYS SHALL CONSIST OF THE FOLLOWING PAVEMENT SECTION: 2" OF HOT MIX ASPHALT BINDER COURSE PLACED ON 6" OF COMPACTED A1 SUBBASE MATERIAL. TEMPORARY ASPHALT BINDER COURSE IS TO BE INSTALLED TO A WIDTH OF 6'-0", CENTERED ON SUBBASE THAT IS 6'-6" WIDE. FOR BIDDING PURPOSES, CONTRACTOR TO ASSUME 500 SQ. FT. TEMPORARY WALKWAY WILL BE REQUIRED AT LOCATIONS TO BE CONFIRMED WITH THE OWNER'S REPRESENTATIVE.

BARRICADES



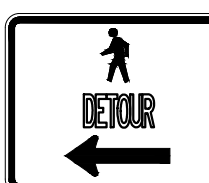






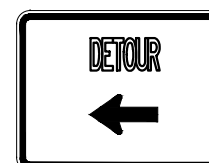
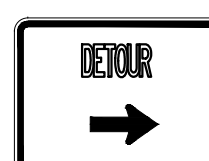

- A. WHEN SPECIFIED, TYPE III BARRICADES SHALL BE FURNISHED & INSTALLED AS PER NYS DOT STANDARD SHEETS 619-02.
- B. WHEN SPECIFIED, TEMPORARY CONCRETE BARRIER SHALL BE FURNISHED AND INSTALLED AS PER NYS DOT STANDARD SHEET 619-01.
- C. PLASTIC DRUMS ARE TO BE USED AS NOTED AND WHERE NECESSARY TO COMMUNICATE THE WORK ZONES. REFER TO DETAIL A8/C-504 FOR ADDITIONAL PLASTIC DRUM INFORMATION.

TEMPORARY PAVEMENT MARKINGS

A. PRIOR TO RE-OPENING ANY CAMPUS ROADWAY TO TWO WAY TRAFFIC, TEMPORARY OR PERMANENT PAVEMENT MARKINGS SHALL BE FURNISHED AND INSTALLED. IF TRAFFIC WILL BE DIRECTED ONTO ANY SEGMENT OF PAVEMENT PRIOR TO PLACEMENT OF TOP COURSE ASPHALT, CONTRACTOR SHALL INSTALL TEMPORARY PAVEMENT MARKINGS TO INCLUDE YELLOW FULL BARRIER LINE AT CENTERLINE, AND WHITE EDGE STRIPES AT ON-STREET PARKING AREAS. TEMPORARY PAVEMENT MARKINGS SHALL CONSIST OF PAINT OR REMOVABLE TAPE, AS PER SPECIFICATION SECTION 321723.

TEMPORARY FENCE

A. CONTRACTOR TO INSTALL TEMPORARY FENCE AS NEEDED AT THE ENTRANCES TO BUILDING 2, BUILDING 4, AND BUILDING 5, TO PROVIDE A SEPARATE ACCESS AREA FOR PEDESTRIANS AWAY FROM THE WORK AREA. LOCATIONS OF TEMPORARY FENCE IS TO BE CONFIRMED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. CONTRACTOR TO ASSUME A QUANTITY OF 350 LF OF FENCE WILL BE NEEDED AT THESE LOCATIONS, PER DETAIL B5/C-508.

TEXT NO	TEXT	PANEL SIZE	MUTCD NO
1		24" x 12"	R9-9
2		30" x 24"	M4-9b R
3		30" x 24"	M4-9b L
4		24" x 12"	R9-11a R MOD
5		24" x 12"	R9-11a L MOD
6		24" x 18"	R9-9 MOD
7		30" x 24"	R9-9 MOD
8		36" x 36"	W20-1
9		30" x 24"	R11-2
10		30" x 24"	M4-9L
11		30" x 24"	M4-9R
12		30" x 24"	M4-8A

TEMPORARY WORK ZONE SIGNAGE NOTES:

1. WORK ZONE SIGNS MAY BE GROUND (POST) MOUNTED, OR MOUNTED TO TEMPORARY FENCING, AS APPROVED BY THE OWNER'S REPRESENTATIVE.
2. TEMPORARY SIGNAGE LOCATIONS ARE SHOWN ON DWG G-003. THESE LAYOUT LOCATIONS DO NOT FULLY ACCOUNT FOR THE VARIOUS STAGES OF WORK, AND THE CORRESPONDING WORK ZONE PROTECTION NEEDED FOR EACH PHASE OF WORK. THE CONTRACTOR SHALL PROVIDE THE QUANTITY OF TEMPORARY WORK ZONE SIGNS AS SHOWN AND ADJUST THEIR LOCATIONS AS NEEDED TO MAINTAIN WORK ZONE PROTECTION AS THE PROJECT ADVANCES.
3. ADDITIONAL BUILDING WAY FINDING SIGNAGE MAY BE NEEDED DURING CONSTRUCTION. IF ADDITIONAL TEMPORARY WAY-FINDING SIGNAGE IS NEEDED, THEY WILL BE FURNISHED BY THE CAMPUS FOR INSTALLATION BY THE CONTRACTOR ON SIGN POSTS OR TEMPORARY FENCING. (ASSUME 30 SIGNS TO BE INSTALLED AS PART OF THE BID).

Project Key


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 BINGHAMTON, NEW YORK, 13901

Drawing Title
WORK ZONE NOTES AND SIGNAGE
Phase
BI D DOCUMENTS

Drawn By: **NJS** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature

 DASNY Project No: **354360**
 Drawing Number: **G-004**
 Drawing of **66**

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

G1 GENERAL ABBREVIATIONS
SCALE: NOT TO SCALE

GENERAL NOTES:

- 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.
- CONTRACTOR SHALL NOTIFY DIG SAFELY NEW YORK AT LEAST THREE (3) DAYS PRIOR TO START OF WORK. CONTRACTOR SHALL COORDINATE ALL WORK WITH UTILITY COMPANIES AND THE CAMPUS. CONTRACTOR SHALL PROVIDE PRIVATE UTILITY LOCATING SERVICES FOR THE CAMPUS OWNED UNDERGROUND UTILITIES IN THE PROJECT AREA IN HIS BID. REFER TO SPECIFICATION 310100.
- 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.
- THE CONTRACTOR MUST BE ACQUAINTED WITH THE DRAINAGE CHARACTERISTICS OF THE WORK AREA SO THAT THEY WILL PROGRESS THEIR WORK EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE PROBLEMS.
- 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.
- PROVIDE TEMPORARY THRUST RESTRAINT AND PIPE SUPPORTS FOR EXISTING PIPING WHENEVER REQUIRED BY THE WORK. CONTRACTOR TO REPLACE OR RESTORE THE EXISTING RESTRAINT SYSTEM OR PIPE SUPPORT SYSTEMS TO LIKE-NEW CONDITION.
- WHERE CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
- 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.
- CONTRACTOR IS RESPONSIBLE FOR SECURITY AND FOR THE SECURE STORAGE OF GOODS AND MATERIALS ONSITE.
- CONTRACTOR TO COORDINATE STAGING AREAS WITH OWNER PRIOR TO START OF CONSTRUCTION.
- 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 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.
- EXCAVATED ASPHALT MATERIAL SHALL BE DISPOSED OF OFF SITE AT AN APPROVED LOCATION. IF HAZARDOUS MATERIAL IS ENCOUNTERED, IT SHALL BE DISPOSED OF OFFSITE AT AN APPROVED LOCATION AT AN AGREED PRICE. REFER TO DEMOLITION NOTE 5.
- TOPOGRAPHIC SURVEY AND BASE MAPPING FOR THIS PROJECT WAS PREPARED BY SHUMAKER ENGINEERING & LAND SURVEYING, D.P.C. IN MAY OF 2020 THE NORTH AMERICAN DATUM SYSTEM (NAD83 & NGVD'83) WAS USED AS A BASIS FOR THE SITE SURVEY. THE LOCATION, SIZES AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED FROM RECORD DRAWINGS AND FIELD LOCATIONS BY SHUMAKER ENGINEERING & LAND SURVEYING, D.P.C. IN MAY 2020. SURVEY UPDATES AT LOT #1 WERE PERFORMED BY HUNT ENGINEERS, ARCHITECTS, AND SURVEYORS IN JULY-AUGUST OF 2023.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC IN ACCORDANCE WITH SPECIFICATION 340133.
- CONTRACTOR SHALL CONTACT CAMPUS SAFETY AT LEAST 72 HOURS PRIOR TO BEGINNING ANY WORK WITHIN CAMPUS ROADWAY OR PARKING AREAS.
- CONTRACTOR SHALL PROVIDE, IN THE PREPARATION OF THEIR BID, THE COST FOR EXCAVATING AND RESTORING 20 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 ALL TEST PIT EXCAVATIONS PRIOR TO BEGINNING THE INSTALLATION OF UTILITIES. 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 310100.
- CONTRACTOR SHALL PROVIDE, IN PREPARATION OF THEIR BID, THE COST FOR CONNECTING UNDERDRAINS TO NEW STORM CATCH BASINS, AS SHOWN ON UTILITY PLANS.

DEMOLITION NOTES:

- ALL EXISTING UTILITIES TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL OR EQUAL.
- REMOVE CONCRETE / ASPHALT AND SUBBASE MATERIAL (FULL DEPTH), AS INDICATED ON THE PLANS.
- CONTRACTOR SHALL NOT UNDERMINE FOUNDATIONS FOR EXISTING WINDOW WELLS, STAIR CASES AND SITE WALLS AT ANY TIME (SEE GENERAL NOTE 11, THIS SHEET).
- CONTRACTOR TO COORDINATE ALL UTILITY WORK WITH CAMPUS AND ASSOCIATED UTILITY COMPANY PRIOR TO PERFORMING ANY UTILITY WORK.
- A HAZARDOUS MATERIAL SURVEY WAS PERFORMED AT THE PROJECT SITE IN JULY 2023. THE REMOVAL OF ANY HAZARDOUS OR UNIVERSAL WASTES SHALL BE PERFORMED PER THE DASNY REQUIREMENTS OUTLINED IN THIS CONTRACT. REFER TO THE ENVIRONMENTAL AWARENESS NOTES ON A1/C-001.
- CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT, CONCRETE PADS, CONCRETE SIDEWALKS, CONCRETE CURBS, AND EXISTING UTILITY PIPING PRIOR TO REMOVAL OF SUCH.
- ALL SAWCUTS ARE TO BE TO THE NEAREST EXISTING JOINT.
- CONTRACTOR SHALL REMOVE EXISTING PAVEMENT AS REQUIRED TO INSTALL THE NEW WORK.
- ALL ITEMS SPECIFIED ON THE DEMOLITION PLANS AS "REMOVE AND STORE" SHALL BE REMOVED IN A MANNER TO SALVAGE ALL USEABLE PARTS, SUCH THAT THE SITE FEATURE CAN BE REUSED AND RESET. CONTRACTOR TO COORDINATE WITH THE OWNER WITH REGARDS TO THE LOCATION OF ALL ITEMS DESIGNATED AS "REMOVE AND STORE". ALL SUCH ITEMS SHALL BE TRANSPORTED FOR STORAGE BY THE CONTRACTOR AT A LOCATION ON THE BRDSDO CAMPUS, AT THE LOCATION DESIGNATED BY THE OWNER.
- REMOVE ALL SITE LIGHTING POLE BASES, CONDUIT AND WIRING MADE OBSOLETE UNDER THIS PROJECT AND AS SHOWN ON THE DEMOLITION DRAWINGS. WIRING SHALL BE REMOVED TO SOURCE. CONDUITS SHALL BE REMOVED TO BUILDING LINE.

A1 GENERAL NOTES
SCALE: NOT TO SCALE

SOIL AND EROSION CONTROL NOTES:

- REFER TO THE SPECIFICATIONS AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR ADDITIONAL REQUIREMENTS. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE REQUIREMENTS OF THE SWPPP DURING CONSTRUCTION OPERATIONS. ADDITIONAL EROSION CONTROL MEASURES MAY BE NECESSARY, IF DEEMED BY THE ONSITE SWPPP INSPECTION REPORTS.
- SOIL EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE INSTALLED AND FULLY FUNCTIONAL PRIOR TO ANY SITE DISTURBANCE. SOIL EROSION AND SEDIMENT CONTROL FACILITIES ARE TO BE MAINTAINED DURING CONSTRUCTION AND REMOVED UPON COMPLETION OF CONSTRUCTION.
- ALL ROADWAYS SHALL BE KEPT CLEAN OF MUD AND DEBRIS. FILL SHALL NOT BE SPILLED ONTO ROADWAY. ALL SPILLED MATERIALS SHALL BE PROMPTLY REMOVED.
- THE AREAS OF CONSTRUCTION SHALL BE LEFT IN STABLE CONDITION AT THE CLOSE OF EACH CONSTRUCTION DAY.
- STORM INLETS SHALL BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION BY USE OF INLET PROTECTION OR OTHER APPROVED MEANS.
- SOIL STOCKPILE AREAS ARE TO BE IMMEDIATELY SURROUNDED WITH SILT FENCING, OR OTHER EROSION CONTROL MEASURES OR AS ORDERED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR TO PROVIDE APPROVED DUST CONTROL MEASURES. THE CONTRACTOR SHALL HAVE A WATER TRUCK OR OTHER ACCEPTABLE MEANS OF CONTROLLING DUST AVAILABLE AT ALL TIMES.
- ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED AS OUTLINED IN THE APPROVED SWPPP FOR THE PROJECT. ANY NECESSARY REPAIRS SHALL BE MADE IMMEDIATELY TO ENSURE FUNCTIONALITY.
- CONTRACTOR SHALL TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS WITHIN 7 DAYS OF INACTIVITY.

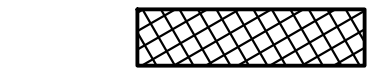
ENVIRONMENTAL AWARENESS NOTES:

- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE POTENTIAL FOR UNIVERSAL WASTES TO BE ENCOUNTERED DURING THE PROJECT. THE UNIVERSAL WASTES IDENTIFIED AT THE PROJECT SITE INCLUDE LIGHT BULBS AT THE EXTERIOR SITE LIGHTS. (REFER TO THE PRE-RENOVATION SURVEY LOCATED IN THE PROJECT MANUAL FOR ADDITIONAL INFORMATION).
- THE CONTRACTOR SHALL ADVANCE THE PROJECT WORK WITH THE AVAILABLE INFORMATION FROM THE SURVEY REPORT, AND PERFORM ANY DEMOLITION OR RELOCATION WORK IN ACCORDANCE WITH SPECIFICATION SECTION 028700 OF THE PROJECT MANUAL.
- IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.

A6 LEGEND
SCALE: NOT TO SCALE

EXISTING FEATURES LEGEND:

- SURVEY CONTROL BENCHMARK
- BORING LOCATION
- PROPERTY CORNER, IRON PIN
- SURVEY CONTROL BASELINE PRIMARY
- SURVEY CONTROL BASELINE SPUR POINT
- CONIFEROUS TREE
- DECIDUOUS TREE (10' AND LARGER)
- DECIDUOUS TREE (SMALLER THAN 10')
- CONIFEROUS SHRUB
- DECIDUOUS SHRUB
- TREE STUMP
- ROCK - BOULDER
- FLAG POLE
- BUILDING FINISHED FLOOR
- POST
- SIGN SINGLE POST
- PARKING METER
- DRAINAGE STRUCTURE - CATCH BASIN
- DRAINAGE STRUCTURE - MANHOLE
- DRAINAGE STRUCTURE - CATCH BASIN
- DRAINAGE INVERT
- SANITARY SEWER MANHOLE
- CLEANOUT
- ELECTRIC MANHOLE
- ELECTRIC PULLBOX
- GAS VALVE
- GAS METER
- GAS LINE MARKER
- LIGHT POLE
- LIGHT POLE PEDESTRIAN
- UTILITY POLE GUY WIRE
- UTILITY POLE
- TELEPHONE BOX
- TELEPHONE MANHOLE
- PULLBOX
- WELLS
- UNKNOWN MANHOLE
- UNKNOWN VENT
- MISCELLANEOUS FILL CAP
- UNKNOWN VALVE
- UNKNOWN LINE MARKER
- HTHW MANHOLE VENT
- WATER LINE MARKER
- WATER VALVE
- FIRE HYDRANT
- POST INDICATOR VALVE
- PIPE CAPPED
- PIPE CONTINUATION



- CURB
- CONTOUR LINE
- RIGHT OF WAY (ROW)
- BRUSH / WOODED AREA
- FENCE
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATER MAIN
- EXISTING GAS MAIN
- EXISTING CHILLED WATER SUPPLY
- EXISTING HIGH TEMPERATURE HOT WATER
- EXISTING UNDERGROUND ELECTRIC
- EXISTING ELECTRICAL DUCT BANK
- WATER
- EXISTING COMMUNICATION DUCT BANK

WORK OF THIS CONTRACT LEGEND:

- MANHOLE TO BE REMOVED
- CATCH BASIN TO BE REMOVED
- TRENCH/STRUCTURE TO BE REMOVED
- LIGHT POLE TO BE REMOVED, FULL DEPTH INCLUDING FOUNDATION
- SIGN OR BOLLARD TO BE REMOVED, FULL DEPTH INCLUDING FOUNDATION
- UTILITY TO BE REMOVED
- UTILITY TO BE CUT, CAPPED, FILLED WITH FLOWABLE FILL & ABANDONED IN PLACE
- NEW STORM SEWER LINE AND DRAINAGE MANHOLE TO BE REPLACED / INSTALLED, ARROW INDICATES DIRECTION OF FLOW
- NEW SANITARY SEWER LINE AND DRAINAGE MANHOLE TO BE REPLACED / INSTALLED, ARROW INDICATES DIRECTION OF FLOW
- NEW STORM SEWER LINE AND CATCH BASIN TO BE REPLACED / INSTALLED, ARROW INDICATES DIRECTION OF FLOW
- NEW PERFORATED UNDERDRAIN
- NEW UNDERGROUND ELECTRIC (SITE LIGHTING)
- NEW CONTOUR
- TEMPORARY CONSTRUCTION FENCE
- CONTRACT LIMIT LINE
- SILT FENCE
- TEMPORARY CHECK DAM
- INLET PROTECTION
- ASPHALT PAVEMENT TO BE REMOVED
- CONCRETE SIDEWALK TO BE REMOVED
- ASPHALT SIDEWALK TO BE REMOVED
- CURB TO BE REMOVED
- NEW ASPHALT PAVEMENT (PARKING LOTS & ROADWAYS)
- NEW CONCRETE PAVEMENT (SIDEWALKS)
- TREE CLEARING LIMITS

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C&S COMPANIES

Project Key

Rev No	Description	Date:

REVISIONS

Rev No	Description	Date:

NEW YORK STATE OF OPPORTUNITY Office for People With Developmental Disabilities

NEW YORK STATE OPWDD
44 HOLLAND AVENUE
ALBANY, NEW YORK, 12208

Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
249 GLENWOOD ROAD
BINGHAMTON, NEW YORK, 13901

Drawing Title
GENERAL NOTES, ABBREVIATIONS AND LEGEND

Phase
BID DOCUMENTS

Drawn By: **DJWS** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature:

DASNY Project No: **354360**
Drawing Number: **C-001**

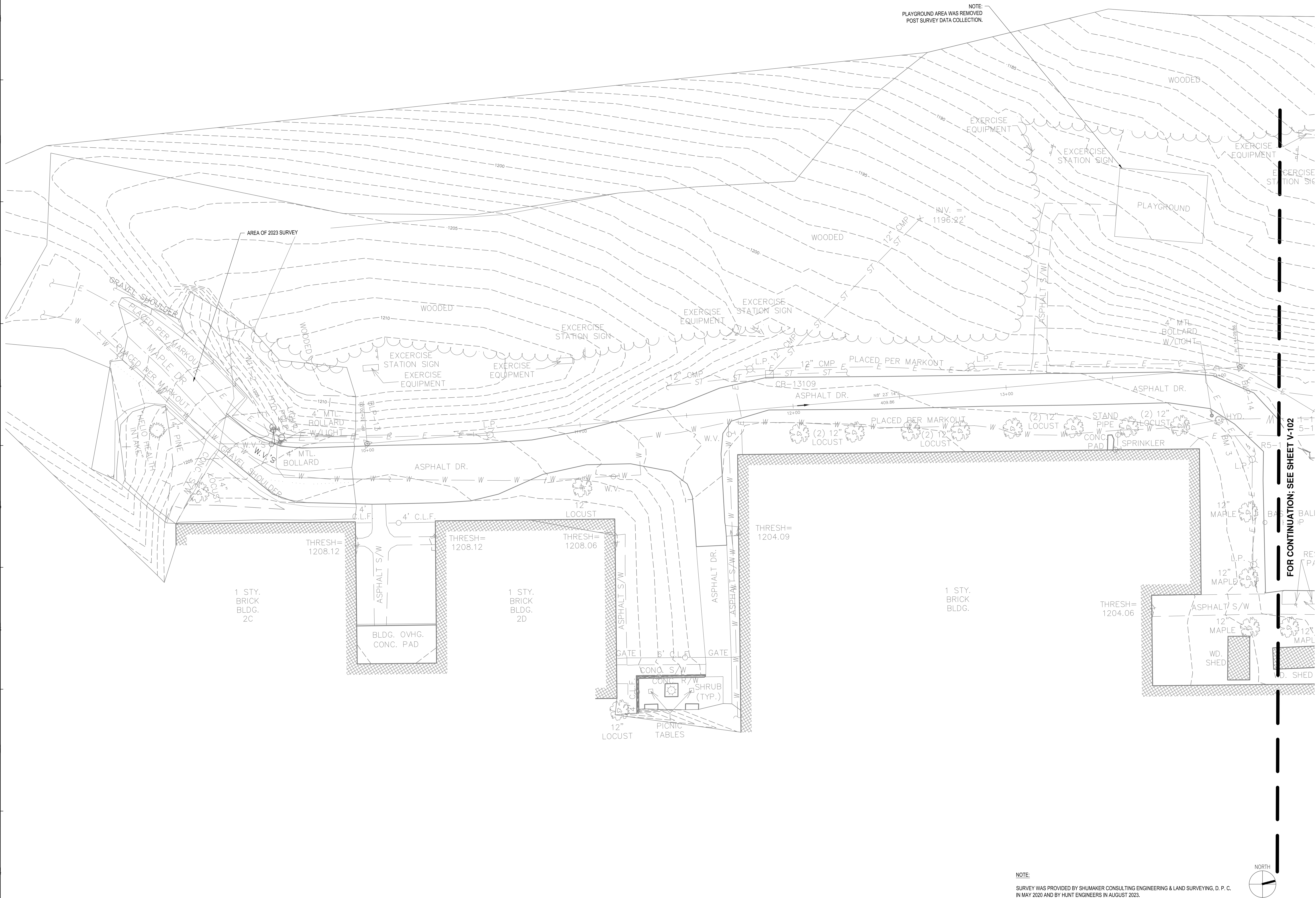
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NOTE:
 PLAYGROUND AREA WAS REMOVED
 POST SURVEY DATA COLLECTION.

FOR CONTINUATION; SEE SHEET V-102

Project Key

REVISIONS

Rev No	Description	Date

NEW YORK STATE
 Office for People With
 Developmental Disabilities

NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208

Project Title
**BROOME DDSO ROAD-
 PARKING-EXPANSION**
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
**EXISTING
 CONDITIONS
 PLAN**

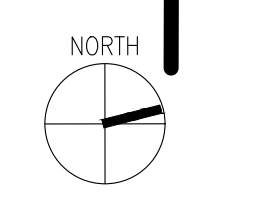
Phase
BLD DOCUMENTS

Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature
 DASNY Project No: **354360**

Drawing Number
V-101
 Drawing of 66

NOTE:
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 IN MAY 2020 AND BY HUNT ENGINEERS IN AUGUST 2023.



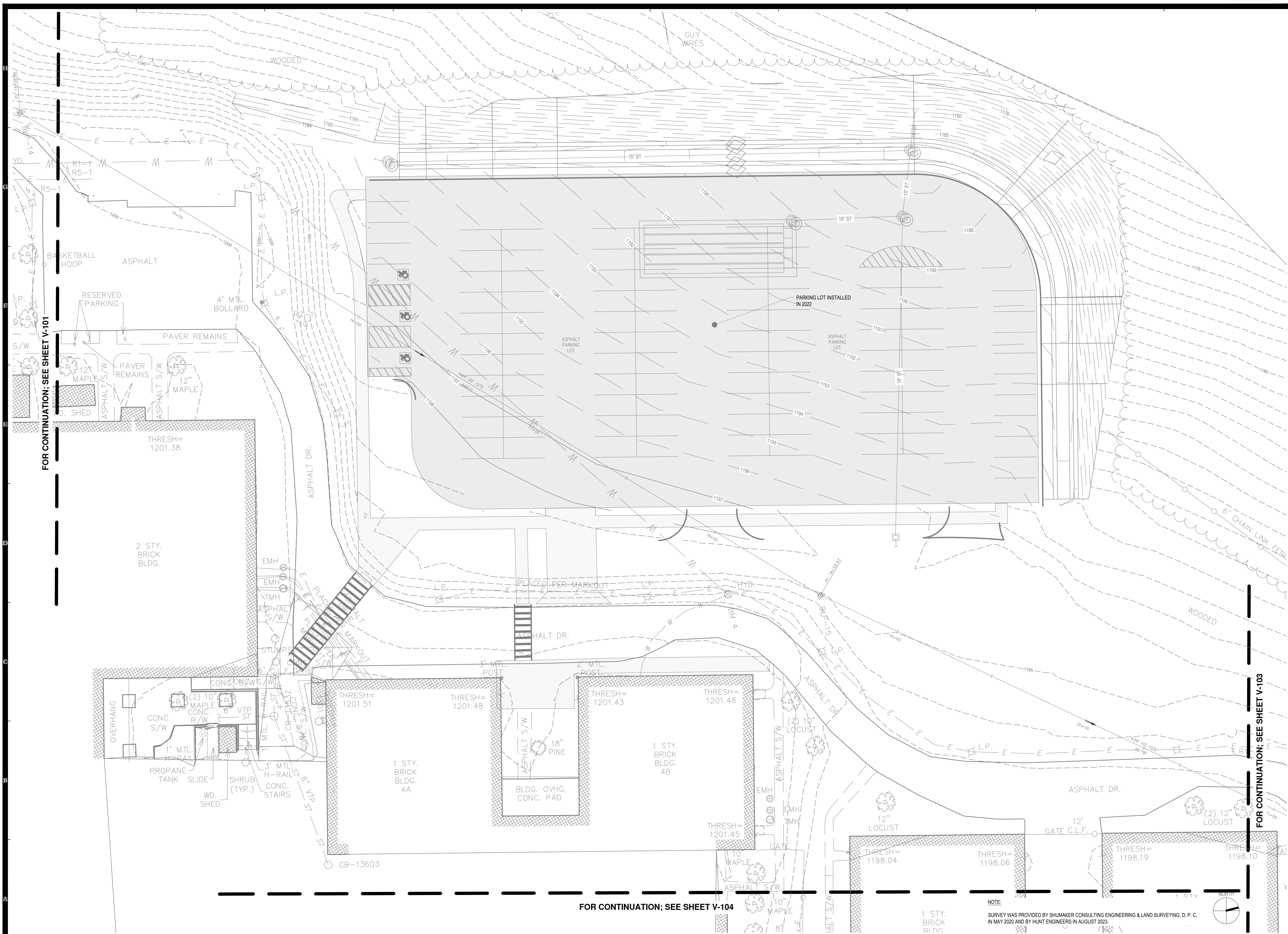
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NEW YORK STATE OF OPPORTUNITY. **Office for People With Developmental Disabilities**


NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208

Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
EXISTING CONDITIONS PLAN

Phase
BID DOCUMENTS

Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature


DASNY Project No: **354360**
 Drawing Number: **V-102**

Drawing of 66

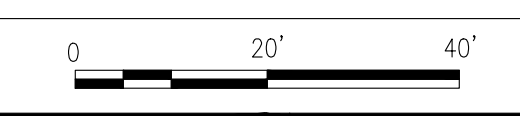
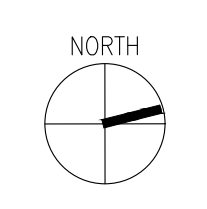
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FOR CONTINUATION; SEE SHEET V-104

FOR CONTINUATION; SEE SHEET V-102

NOTE:
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 IN MAY 2020 AND BY HUNT ENGINEERS IN AUGUST 2023.



A1 EXISTING CONDITIONS PLAN
 SCALE: 1" = 20'

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 249 GLENWOOD ROAD
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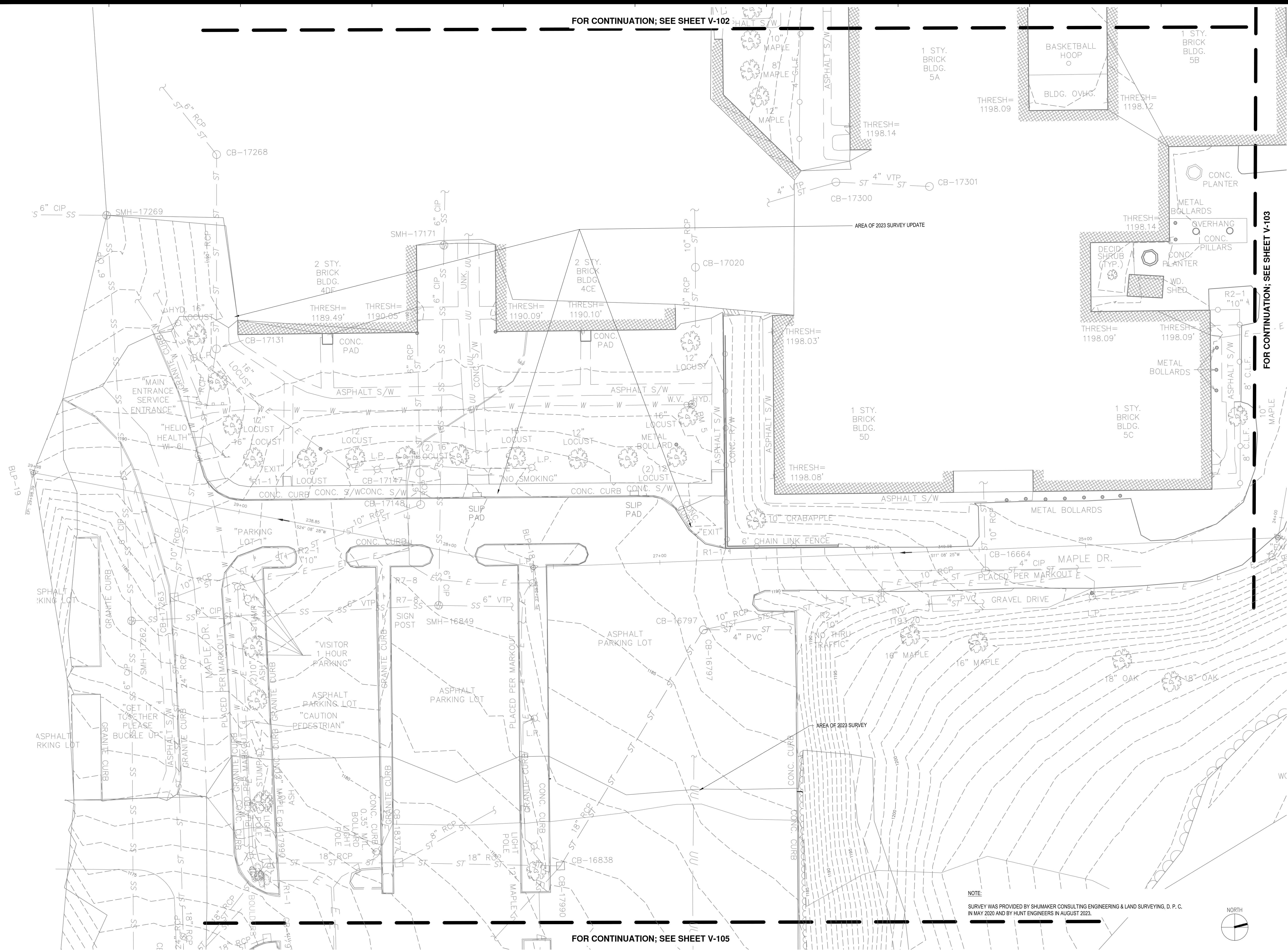
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EXISTING CONDITIONS PLAN
Phase
BID DOCUMENTS

Drawn By: DGB **Checked By:** DHW **Date:** 9/20/2024
Seal & Signature

DASNY Project No: 354360
Drawing Number: V-103
 Drawing of 66

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FOR CONTINUATION; SEE SHEET V-105



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NEW YORK STATE OF OPPORTUNITY **Office for People With Developmental Disabilities**

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Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
EXISTING CONDITIONS PLAN

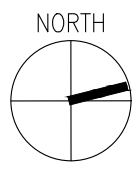
Phase
BID DOCUMENTS

Drawn By: DGB **Checked By:** DHW **Date:** 9/20/2024


Seal & Signature: [Signature] **DASNY Project No:** 354360 **Drawing Number:** V-104

Professional Engineer: [Seal] **Drawing of:** 66

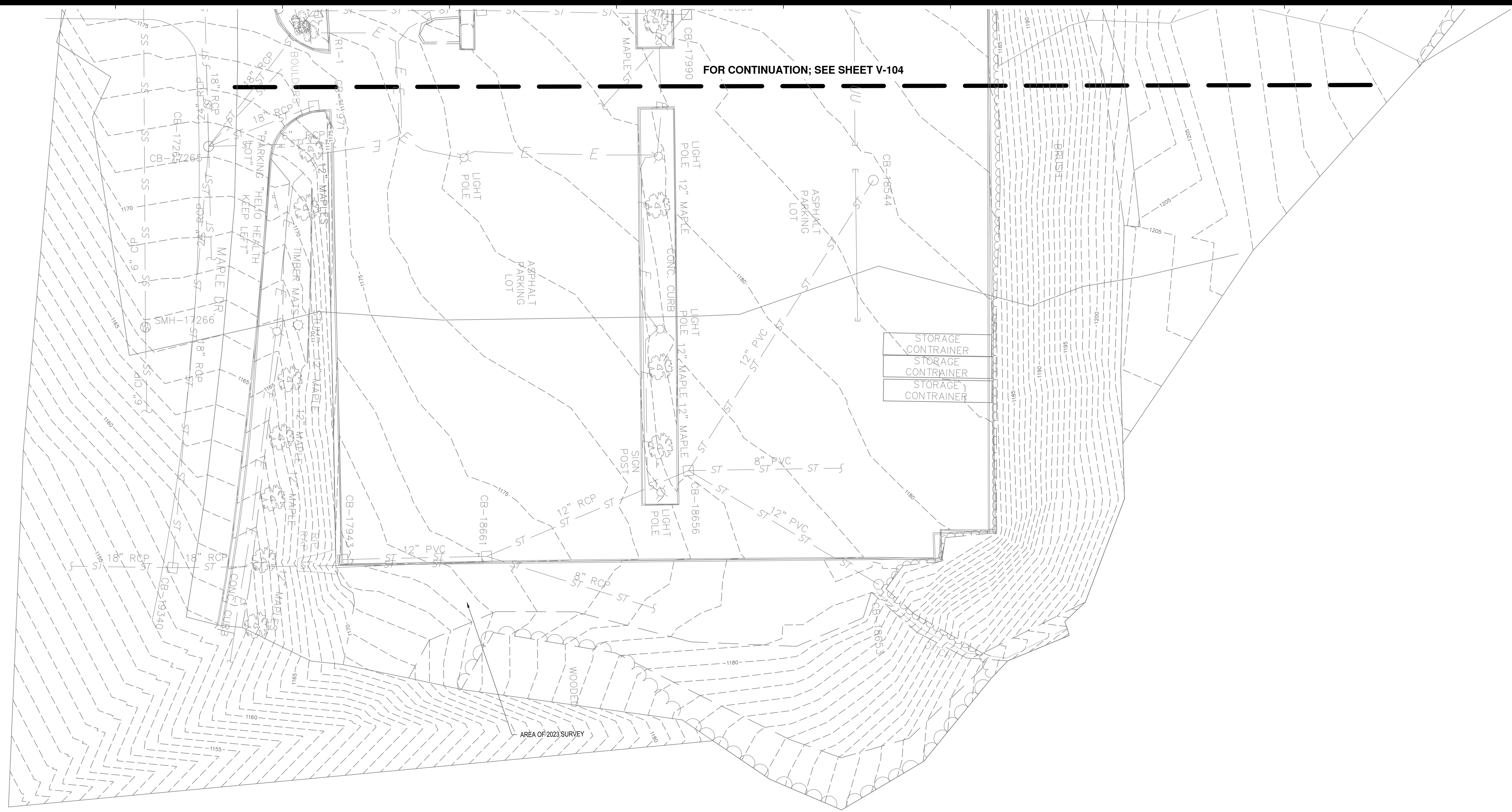
NOTE:
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NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
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 Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
EXISTING CONDITIONS PLAN
 Phase
BID DOCUMENTS

Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**
 Seal & Signature:  DASNY Project No: **354360**
 Drawing Number: **V-105**
 Drawing of 66

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INVERT TABLE		
CB-16838 RIM 1181.66' SE 1176.2' SW 1176.2' NW 1176.2'	CB-17265 RIM 1171.27' N 1168.8' SE 1165.0' W 1165.2' NW 1162.9'	CB-18656 RIM 1178.14' NE 1175.0' (8" RCP) NE 1172.0' (12" RCP) SE 1171.4' NW 1171.9'
CB-18377 RIM 1178.71' NE 1173.9' SW 1173.6' NW 1177.0'	CB-19340 RIM 1158.89' NE 1153.5' SW 1153.0' NW 1153.2'	DMH-18653 RIM 1178.10' SW 1174.2' DMH-18544 RIM 1181.74' SE 1174.9' (TO BOT.)
CB-17971 RIM 1174.30' SE 1169.7'	CB-17943 RIM 1171.86' NE 1169.4'	CB-16797 RIM 1186.89' N 1182.5' SE 1180.4' NW 1180.5'
CB-17990 RIM 1175.09' NE 1170.5' SE 1170.2'	CB-18661 RIM 1174.30' NE 1166.9' SW 1162.3' (18" RCP) SW 1169.9' (12" PVC) NW 1164.2'	
CB-17974 RIM 1171.68' (NO ACCESS)		

Project Key

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 Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
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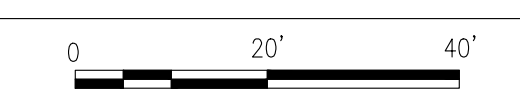
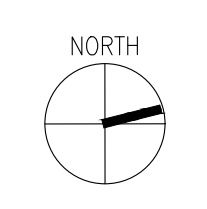
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Phase
 BID DOCUMENTS

Drawn By: NJS	Checked By: DHW	Date: 9/20/2024
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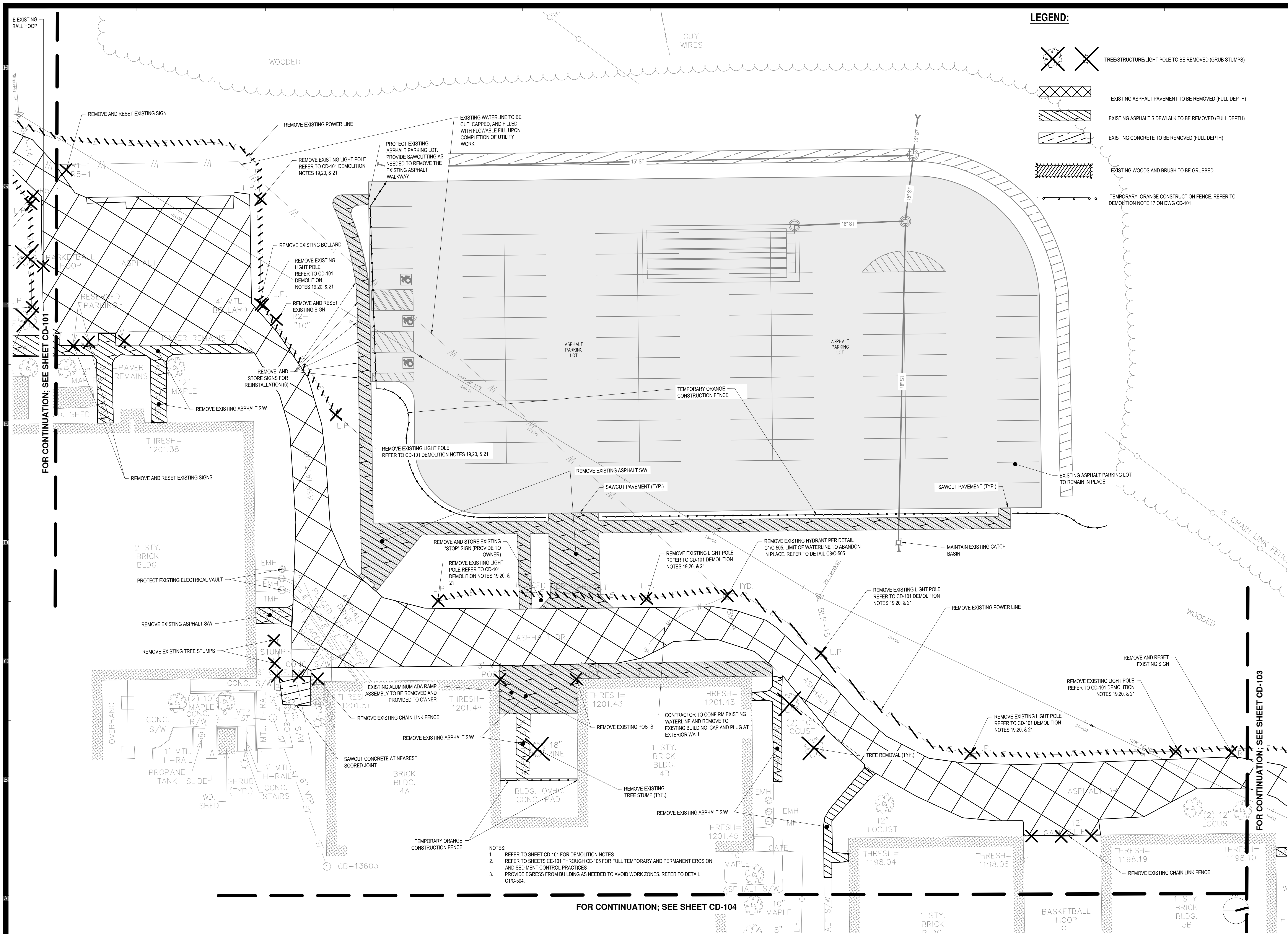
Seal & Signature

 DASNY Project No:
354360
 Drawing Number
V-107
 Drawing 12 of 66

NOTE:
 SURVEY WAS PROVIDED BY SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, D. P. C. IN MAY 2020 AND BY HUNT ENGINEERS IN AUGUST 2023.



LEGEND:

- TREE/STRUCTURE/LIGHT POLE TO BE REMOVED (GRUB STUMPS)
- EXISTING ASPHALT PAVEMENT TO BE REMOVED (FULL DEPTH)
- EXISTING ASPHALT SIDEWALK TO BE REMOVED (FULL DEPTH)
- EXISTING CONCRETE TO BE REMOVED (FULL DEPTH)
- EXISTING WOODS AND BRUSH TO BE GRUBBED
- TEMPORARY ORANGE CONSTRUCTION FENCE, REFER TO DEMOLITION NOTE 17 ON DWG CD-101



FOR CONTINUATION; SEE SHEET CD-101

FOR CONTINUATION; SEE SHEET CD-103

FOR CONTINUATION; SEE SHEET CD-104

- NOTES:**
1. REFER TO SHEET CD-101 FOR DEMOLITION NOTES AND SEDIMENT CONTROL PRACTICES
 2. REFER TO SHEETS CE-101 THROUGH CE-105 FOR FULL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES
 3. PROVIDE EGRESS FROM BUILDING AS NEEDED TO AVOID WORK ZONES. REFER TO DETAIL C11C-504.

Project Key

REVISIONS

Rev No	Description	Date

Office for People With Developmental Disabilities

NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208

Project Title
 BROOME DDSO ROAD PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
 DEMOLITION PLAN

Phase
 BID DOCUMENTS

Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature
 DASNY Project No: **354360**
 Drawing Number

CD-102
 Drawing 14 of 66

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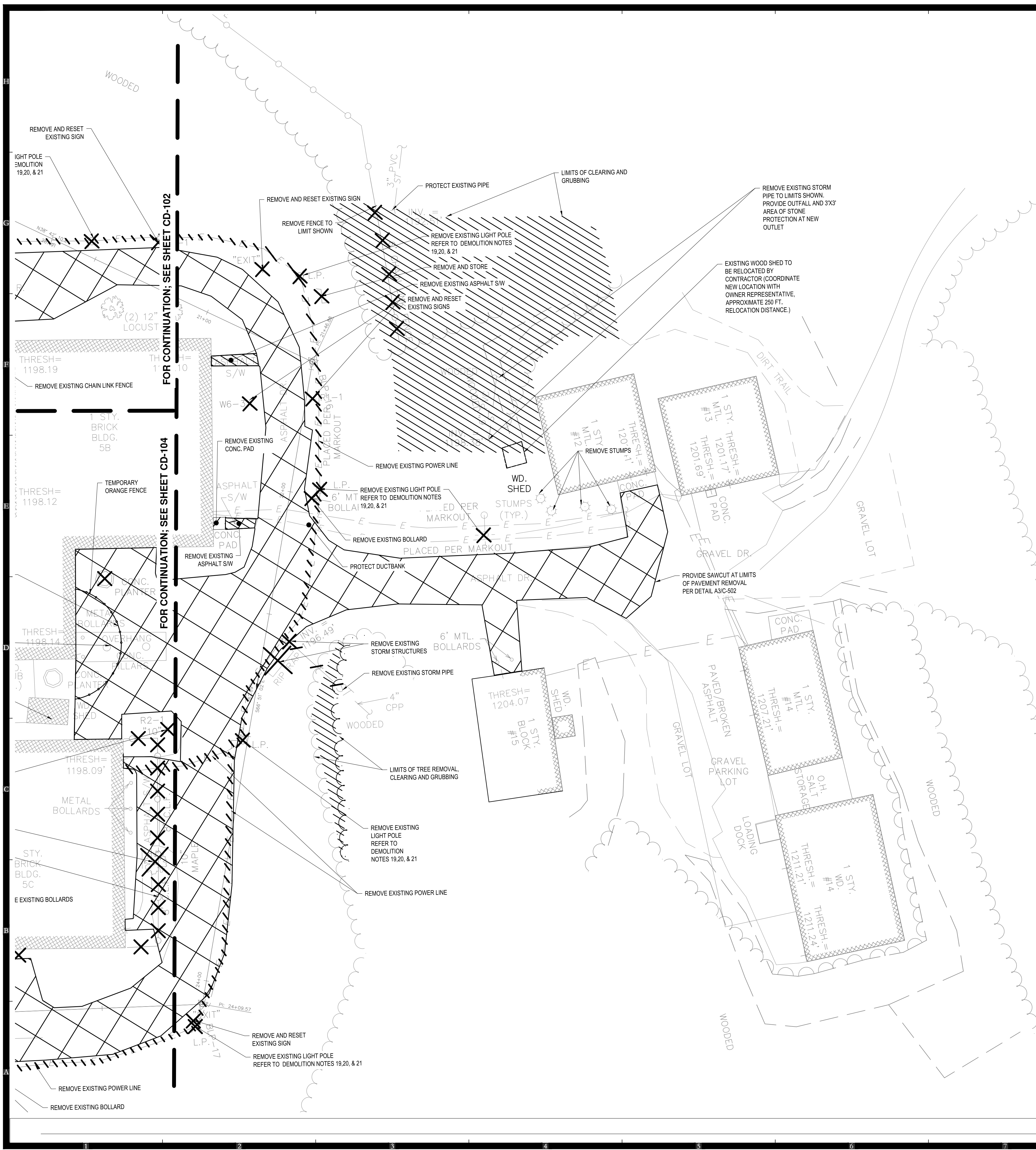
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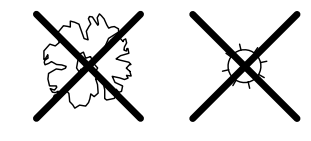
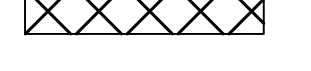

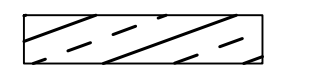
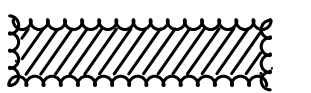
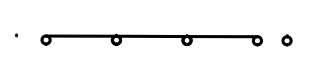
 C&S Engineers, Inc.
 499 Col. Eileen Collins Blvd.
 Syracuse, New York 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

DEMOLITION NOTES:

- GENERAL CONTRACTOR TO REMOVE AND DISPOSE OF ALL ITEMS INDICATED AND ANY ITEMS INCIDENTAL TO THE CONSTRUCTION AS REQUIRED. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
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- UTILITIES SHOWN ARE APPROXIMATE. REFER TO SITE GENERAL NOTES ON A1 / C-001.
- ALL UTILITY TERMINATIONS SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
- GENERAL CONTRACTOR SHALL LEGALLY DISPOSE OF ALL MATERIALS AND DEBRIS REMOVED FROM THE SITE.
- ALL TREE TIMBER THAT IS WITHIN THE DESIGNATED CLEARING AREA AT THE TIME OF THIS BID WILL BE CONSIDERED TO BE THE CONTRACTOR'S PROPERTY FOR REMOVAL AND SALVAGE.
- BURNING OF ANY CLEARED WOOD BRUSH OR DEBRIS IS NOT PERMITTED.
- ANY TREE REMOVAL OR CLEARING WORK THAT IS NEAR ENERGIZED POWER LINES SHALL BE PERFORMED AS PER THE OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) SAFETY STANDARDS. ANY WORK PERFORMED WITHIN THE UTILITY TRANSMISSION CORRIDOR RIGHT OF WAY SHALL BE COORDINATED WITH THE RESPECTIVE UTILITY OWNER.
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- PROVIDE TEMPORARY EROSION AND SEDIMENT CONTROL WHILE DEMOLITION WORK IS BEING PERFORMED. REFER TO EROSION AND SEDIMENT CONTROL PLAN, SHEET CE-101 THROUGH CE-105.
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- AT THE WORK AREAS NOTED, THE CONTRACTOR SHALL FURNISH AND INSTALL ORANGE PLASTIC CONSTRUCTION FENCE (4 FT HIGH, 2'X2' MESH).
- AT ALL LOCATIONS OF STORM PIPE REMOVAL, CONTRACTOR SHALL CONFIRM CONDITION OF UPSTREAM END REMOVAL.
- PRIOR TO REMOVAL OF ANY LIGHT POLES OR PERFORMANCE OF ANY DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL REMOVE ANY UNIVERSAL WASTES (LIGHT BULBS) AS PER SPECIFICATION SECTION 028700.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE OCCURRENCE OF UNIVERSAL WASTES TO BE ENCOUNTERED DURING THE PROJECT. THE UNIVERSAL WASTES IDENTIFIED AT THE PROJECT SITE INCLUDE LIGHT BULBS AT THE EXTERIOR SITE LIGHTS. (REFER TO THE PRE-RENOVATION SURVEY LOCATED IN THE PROJECT MANUAL FOR ADDITIONAL INFORMATION). THE CONTRACTOR SHALL ADVANCE THE PROJECT WORK WITH THE AVAILABLE INFORMATION FROM THE SURVEY REPORT, AND PERFORM ANY DEMOLITION OR RELOCATION WORK IN ACCORDANCE WITH SPECIFICATION SECTION 028700 OF THE PROJECT MANUAL AT SITE LIGHTS DESIGNATED FOR REMOVAL. ALL LIGHT BULBS SHALL BE REMOVED IN ADVANCE OF DEMOLITION AND PROPERLY CONTAINERIZED.
- IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.



LEGEND:

-  TREE/STRUCTURE/LIGHT POLE TO BE REMOVED (GRUB STUMPS)
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Project Key

Rev No	Description	Date:

REVISIONS


Rev No	Description	Date:

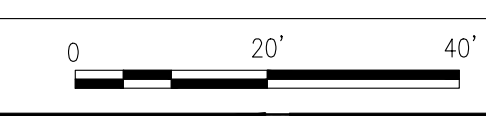
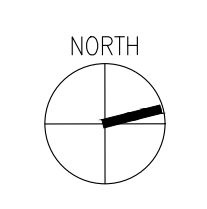
NEW YORK STATE OF OPPORTUNITY **Office for People With Developmental Disabilities**
NEW YORK STATE OPWDD
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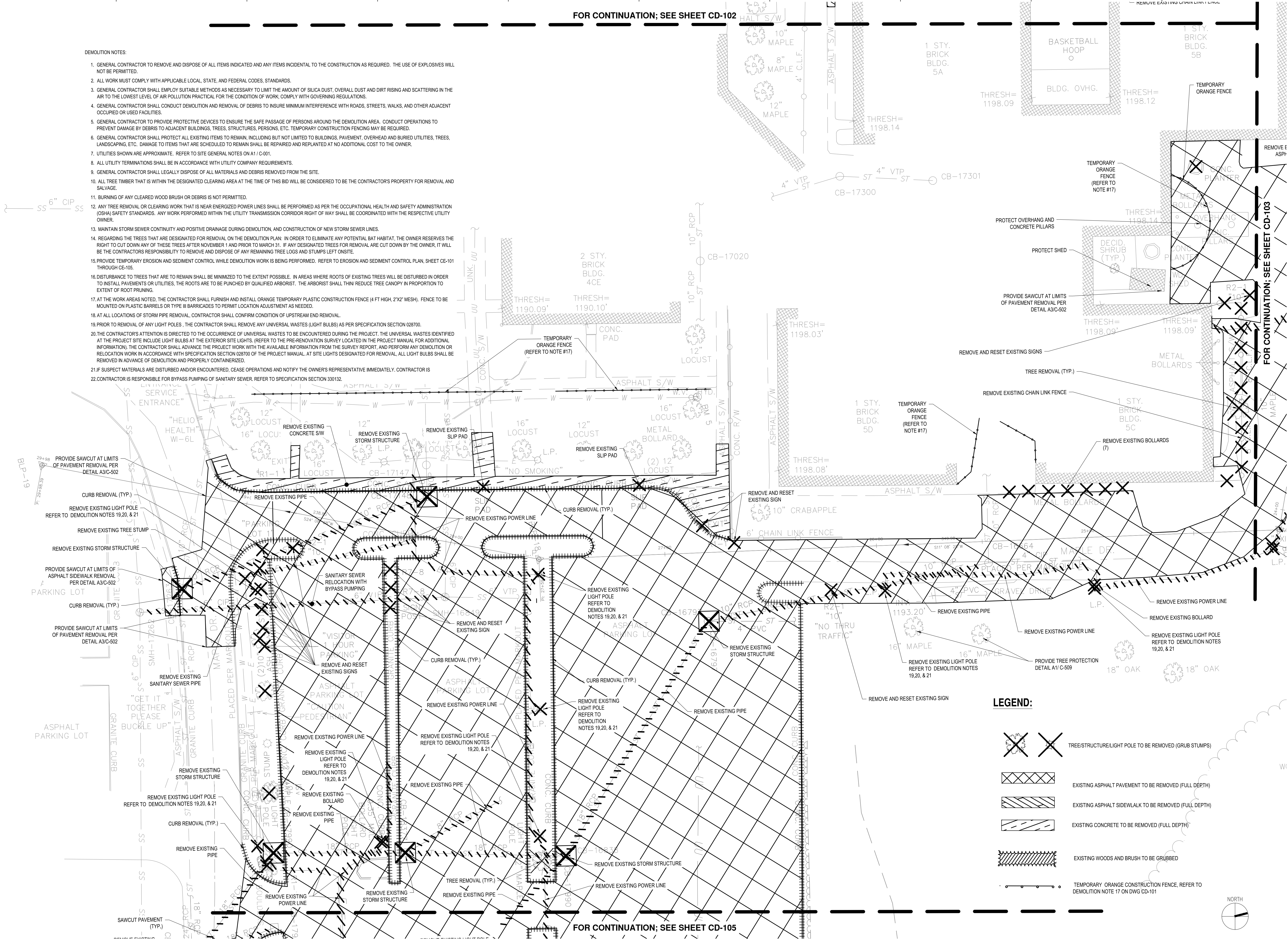
Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**
 Seal & Signature:  DASNY Project No: **354360**
 Drawing Number: **CD-103** Drawing 15 of 66



DEMOLITION NOTES:

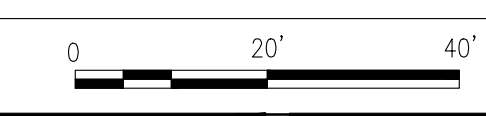
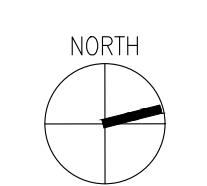
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- AT THE WORK AREAS NOTED, THE CONTRACTOR SHALL FURNISH AND INSTALL ORANGE TEMPORARY PLASTIC CONSTRUCTION FENCE (4 FT HIGH, 2'X2' MESH), FENCE TO BE MOUNTED ON PLASTIC BARRELS OR TYPE III BARRICADES TO PERMIT LOCATION ADJUSTMENT AS NEEDED.
- AT ALL LOCATIONS OF STORM PIPE REMOVAL, CONTRACTOR SHALL CONFIRM CONDITION OF UPSTREAM END REMOVAL.
- PRIOR TO REMOVAL OF ANY LIGHT POLES, THE CONTRACTOR SHALL REMOVE ANY UNIVERSAL WASTES (LIGHT BULBS) AS PER SPECIFICATION SECTION 028700.
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- IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY. CONTRACTOR IS RESPONSIBLE FOR BYPASS PUMPING OF SANITARY SEWER. REFER TO SPECIFICATION SECTION 330132.

6" CIP



LEGEND:

- TREE/STRUCTURE/LIGHT POLE TO BE REMOVED (GRUB STUMPS)
- EXISTING ASPHALT PAVEMENT TO BE REMOVED (FULL DEPTH)
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NEW YORK STATE OF OPPORTUNITY **DASNY**

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Consultants:

C&S COMPANIES
C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667

Project Key

Rev. No.	Description	Date:

REVISIONS

Rev. No.	Description	Date:

NEW YORK STATE OF OPPORTUNITY **Office for People With Developmental Disabilities**

NEW YORK STATE OPWDD
44 HOLLAND AVENUE
ALBANY, NEW YORK, 12208

Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
249 GLENWOOD ROAD
BINGHAMTON, NEW YORK, 13901

Drawing Title
DEMOLITION PLAN

Phase
BID DOCUMENTS

Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature
DASNY Project No: **354360**
Drawing Number

CD-104
Drawing 16 of 66

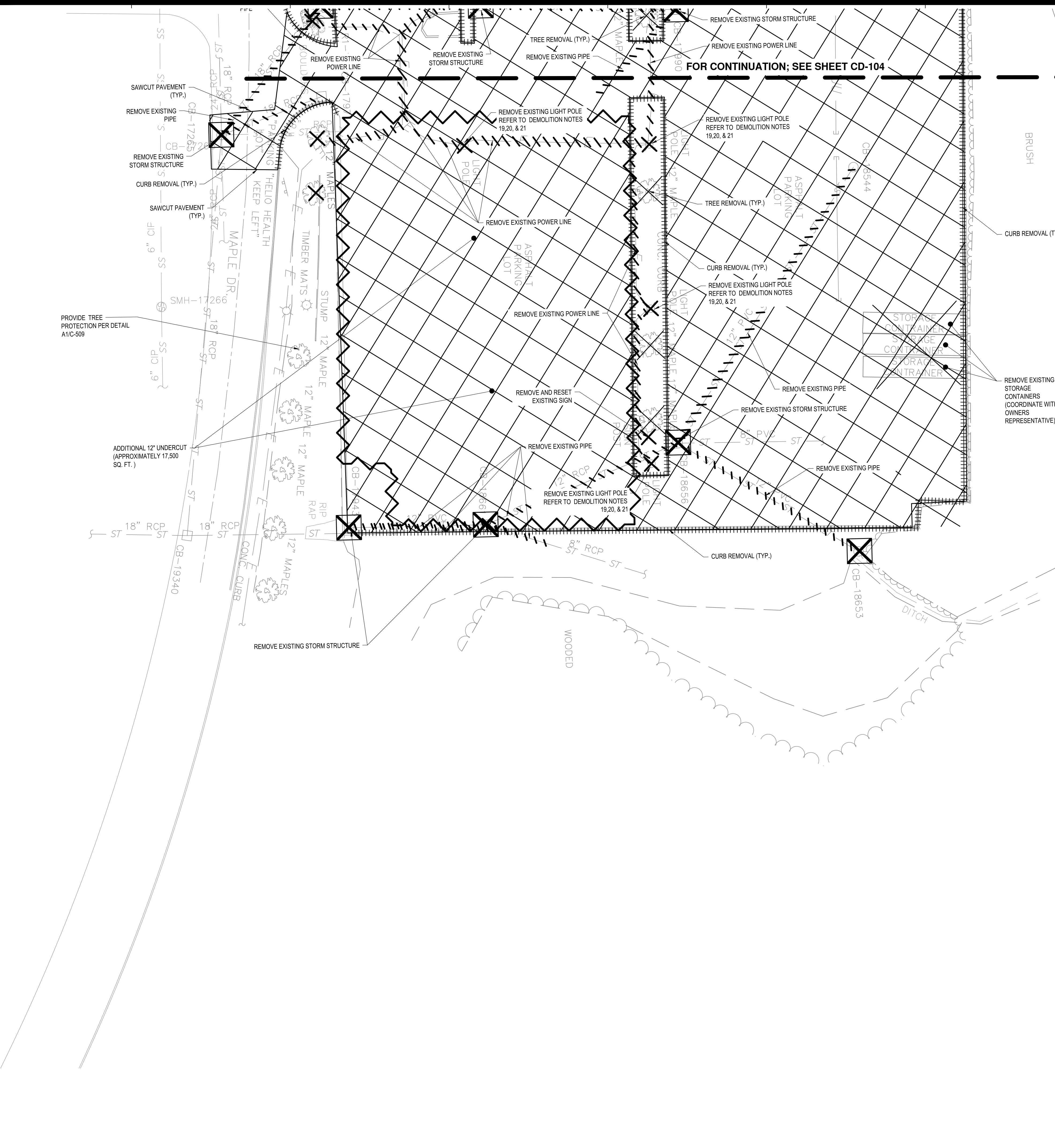
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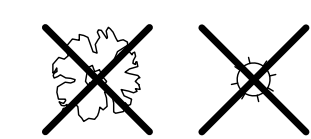


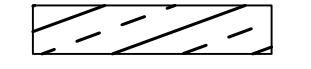

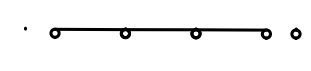
FOR CONTINUATION; SEE SHEET CD-104



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 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

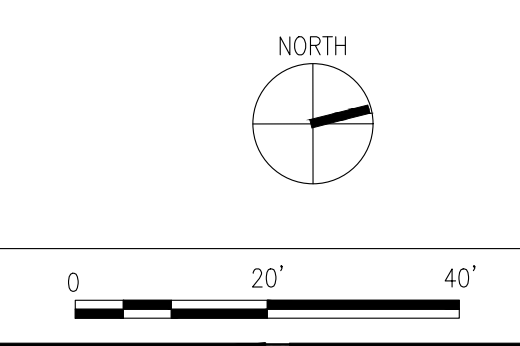
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DEMOLITION PLAN

Phase
BID DOCUMENTS

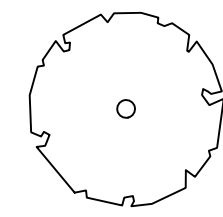
Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature DASNY Project No: **354360**

 Drawing Number **CD-105**
 Drawing of 66



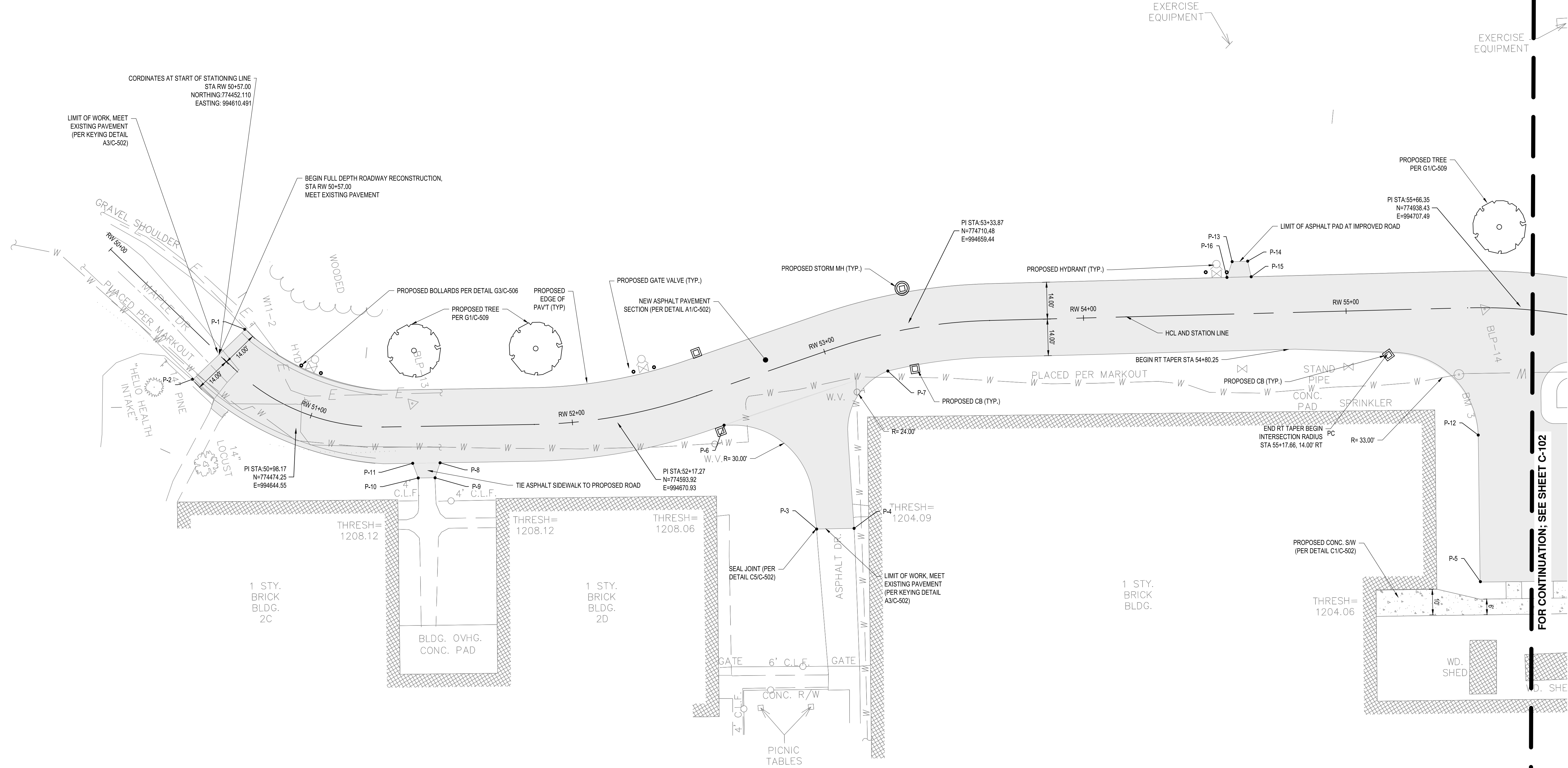
LEGEND



PROPOSED TREE

SITE PLAN NOTES:

1. ALL NON-IMPERVIOUS AREAS DISTURBED BY THE PROJECT SHALL BE RESTORED WITH TURF UNLESS OTHERWISE NOTED. REFER TO DETAIL G1/C-506.
2. AT AREAS OF TURF RESTORATION, PROVIDE TOPSOIL, SEED, AND MULCH AS PER DETAIL G1/C-506. AT AREAS WHERE THE FINISHED GRADE SLOPE IS 1:4 OR STEEPER, PROVIDE PERMANENT ROLLED EROSION CONTROL PRODUCT (PER DETAIL E5/C-503), IN CONJUNCTION WITH THE TURF RESTORATION. INSTALL TREES PER DETAIL C1 & G1 ON DRAWING C-509.
3. REFER TO UTILITY PLAN FOR AREAS OF STONE OUTLET PROTECTION.
4. IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.



FOR CONTINUATION; SEE SHEET C-102

Project Key

REVISIONS

Rev No	Description	Date

NEW YORK STATE
 Office for People With
 Developmental Disabilities
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208
 Project Title
**BROOME DDSO ROAD
 PARKING-EXPANSION**
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

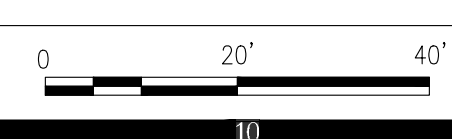
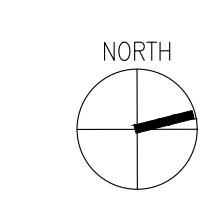
Drawing Title
SITE PLAN

Phase
BID DOCUMENTS

Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature
 DASNY Project No:
354360
 Drawing Number

C-101
 Drawing
 18 of 66



FOR CONTINUATION; SEE SHEET C-102

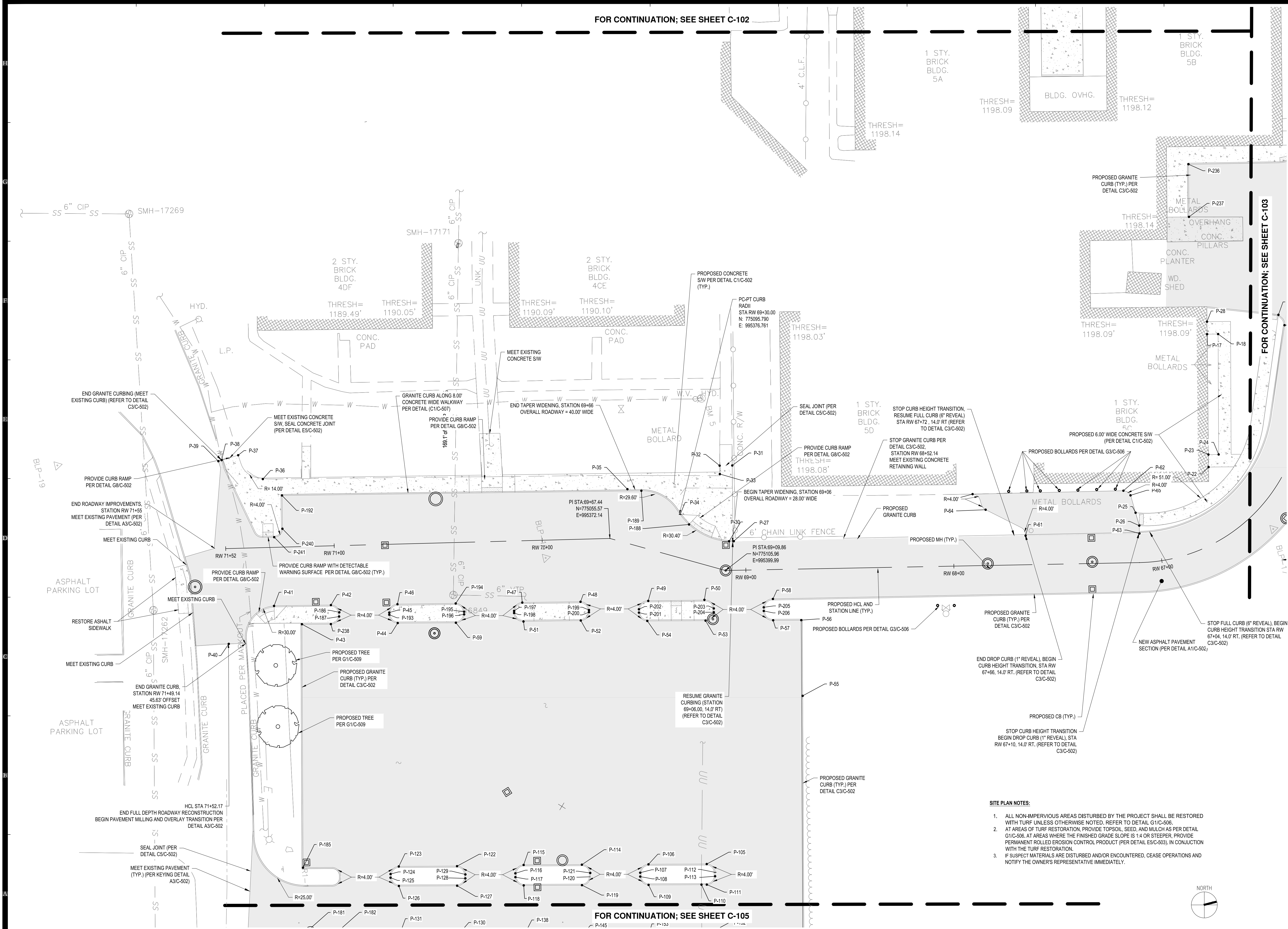
NEW YORK STATE OF OPPORTUNITY **DASNY**

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 C&S Engineers, Inc.
 499 Col. Eileen Collins Blvd.
 Syracuse, New York 13212
 Phone: 315-455-2000
 Fax: 315-455-9667



FOR CONTINUATION; SEE SHEET C-103

FOR CONTINUATION; SEE SHEET C-105

Project Key

REVISIONS

Rev. No.	Description	Date:

NEW YORK STATE OPWDD
 Office for People With Developmental Disabilities
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208

Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
SITE PLAN

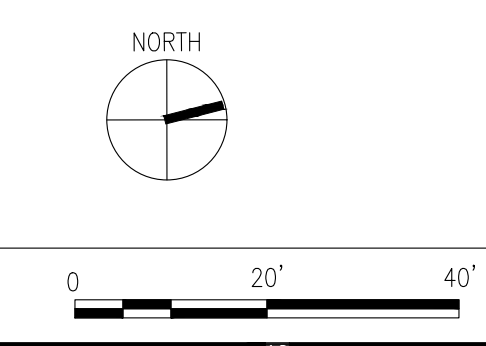
Phase
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Drawn By: **DGB** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature:

DASNY Project No: **354360**
 Drawing Number: **C-104**
 Drawing of: **66**

A1 **SITE PLAN**
 SCALE: 1" = 20'



- SITE PLAN NOTES:**
- ALL NON-IMPERVIOUS AREAS DISTURBED BY THE PROJECT SHALL BE RESTORED WITH TURF UNLESS OTHERWISE NOTED. REFER TO DETAIL G1C-506.
 - AT AREAS OF TURF RESTORATION, PROVIDE TOPSOIL, SEED, AND MULCH AS PER DETAIL G1C-506. AT AREAS WHERE THE FINISHED GRADE SLOPE IS 1:4 OR STEEPER, PROVIDE PERMANENT ROLLED EROSION CONTROL PRODUCT (PER DETAIL E5C-503), IN CONJUNCTION WITH THE TURF RESTORATION.
 - IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.

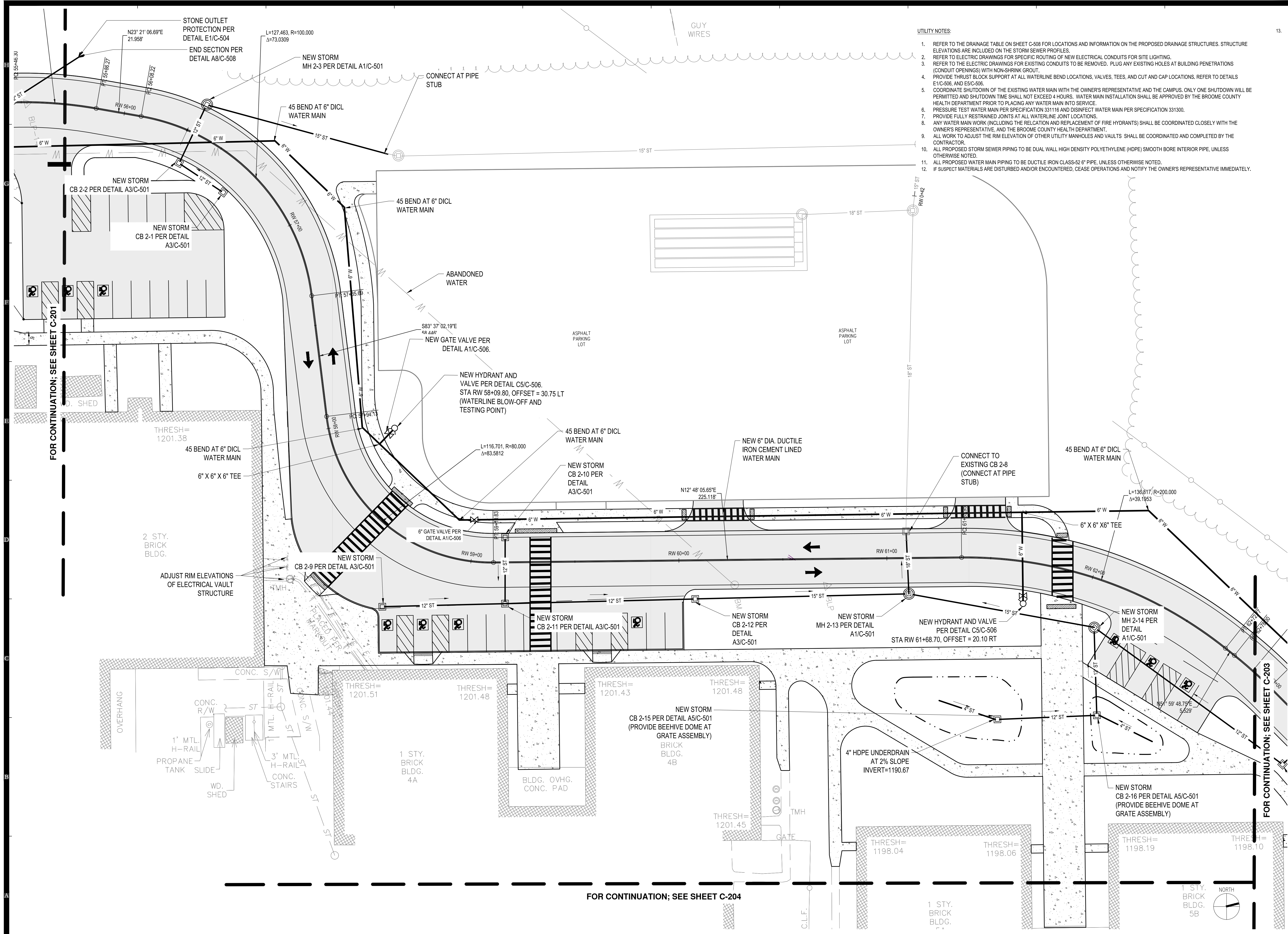
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 Phone: 315-455-2000
 Fax: 315-455-9667

- UTILITY NOTES:
- REFER TO THE DRAINAGE TABLE ON SHEET C-508 FOR LOCATIONS AND INFORMATION ON THE PROPOSED DRAINAGE STRUCTURES. STRUCTURE ELEVATIONS ARE INCLUDED ON THE STORM SEWER PROFILES.
 - REFER TO ELECTRIC DRAWINGS FOR SPECIFIC ROUTING OF NEW ELECTRICAL CONDUITS FOR SITE LIGHTING.
 - REFER TO THE ELECTRIC DRAWINGS FOR EXISTING CONDUITS TO BE REMOVED. PLUG ANY EXISTING HOLES AT BUILDING PENETRATIONS (CONDUIT OPENINGS) WITH NON-SHRINK GROUT.
 - PROVIDE THRUST BLOCK SUPPORT AT ALL WATERLINE BEND LOCATIONS, VALVES, TEES, AND CUT AND CAP LOCATIONS. REFER TO DETAILS E1/C-506 AND E5/C-506.
 - COORDINATE SHUTDOWN OF THE EXISTING WATER MAIN WITH THE OWNER'S REPRESENTATIVE AND THE CAMPUS. ONLY ONE SHUTDOWN WILL BE PERMITTED AND SHUTDOWN TIME SHALL NOT EXCEED 4 HOURS. WATER MAIN INSTALLATION SHALL BE APPROVED BY THE BROOME COUNTY HEALTH DEPARTMENT PRIOR TO PLACING ANY WATER MAIN INTO SERVICE.
 - PRESSURE TEST WATER MAIN PER SPECIFICATION 3311.16 AND DISINFECT WATER MAIN PER SPECIFICATION 331300.
 - PROVIDE FULLY RESTRAINED JOINTS AT ALL WATERLINE JOINT LOCATIONS.
 - ANY WATER MAIN WORK (INCLUDING THE RELOCATION AND REPLACEMENT OF FIRE HYDRANTS) SHALL BE COORDINATED CLOSELY WITH THE OWNER'S REPRESENTATIVE, AND THE BROOME COUNTY HEALTH DEPARTMENT.
 - ALL WORK TO ADJUST THE RIM ELEVATION OF OTHER UTILITY MANHOLES AND VAULTS SHALL BE COORDINATED AND COMPLETED BY THE CONTRACTOR.
 - ALL PROPOSED STORM SEWER PIPING TO BE DUAL WALL HIGH DENSITY POLYETHYLENE (HDPE) SMOOTH BORE INTERIOR PIPE, UNLESS OTHERWISE NOTED.
 - ALL PROPOSED WATER MAIN PIPING TO BE DUCTILE IRON CLASS 52 6" PIPE, UNLESS OTHERWISE NOTED.
 - IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.



FOR CONTINUATION; SEE SHEET C-201

FOR CONTINUATION; SEE SHEET C-203

FOR CONTINUATION; SEE SHEET C-204

Project Key

Rev No	Description	Date

REVISIONS

Rev No	Description	Date

Office for People With Developmental Disabilities

NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208

Project Title
BROOME DDSO ROAD PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title

UTILITY PLAN

Phase

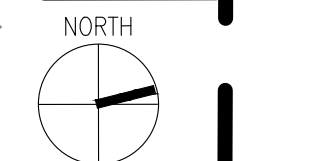
BID DOCUMENTS

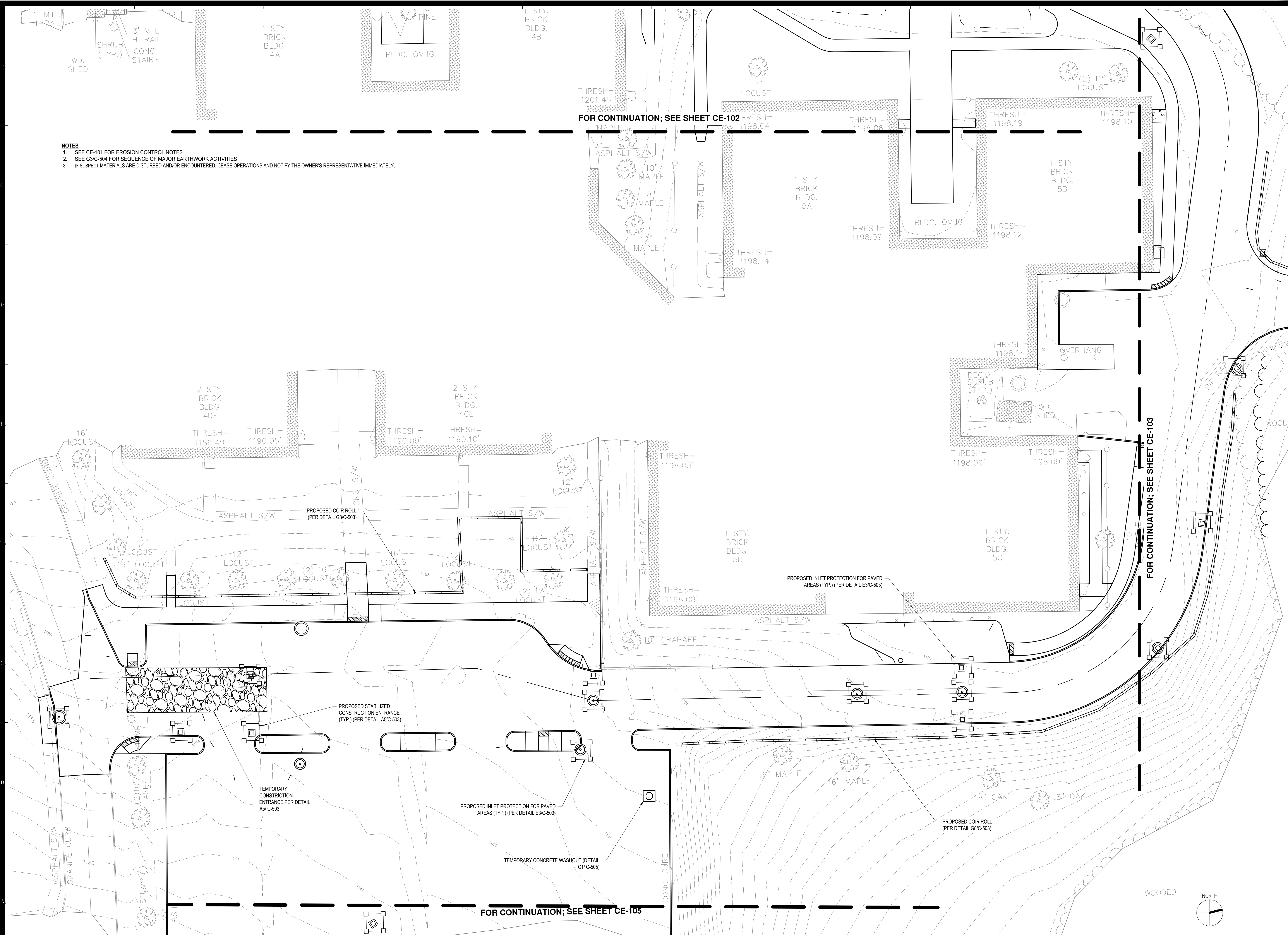
Drawn By: **NJS** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature: **DASNY Project No: 354360**

Drawing Number: **C-202**

Drawing 24 of 66





- NOTES**
1. SEE CE-101 FOR EROSION CONTROL NOTES
 2. SEE G3/C-504 FOR SEQUENCE OF MAJOR EARTHWORK ACTIVITIES
 3. IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.

FOR CONTINUATION; SEE SHEET CE-102

FOR CONTINUATION; SEE SHEET CE-103

FOR CONTINUATION; SEE SHEET CE-105

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 Phone: 315-455-2000
 Fax: 315-455-9667

Project Key

REVISIONS

Rev No	Description	Date:

NEW YORK STATE OF OPPORTUNITY Office for People With Developmental Disabilities

NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208

Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
EROSION AND SEDIMENT CONTROL PLAN

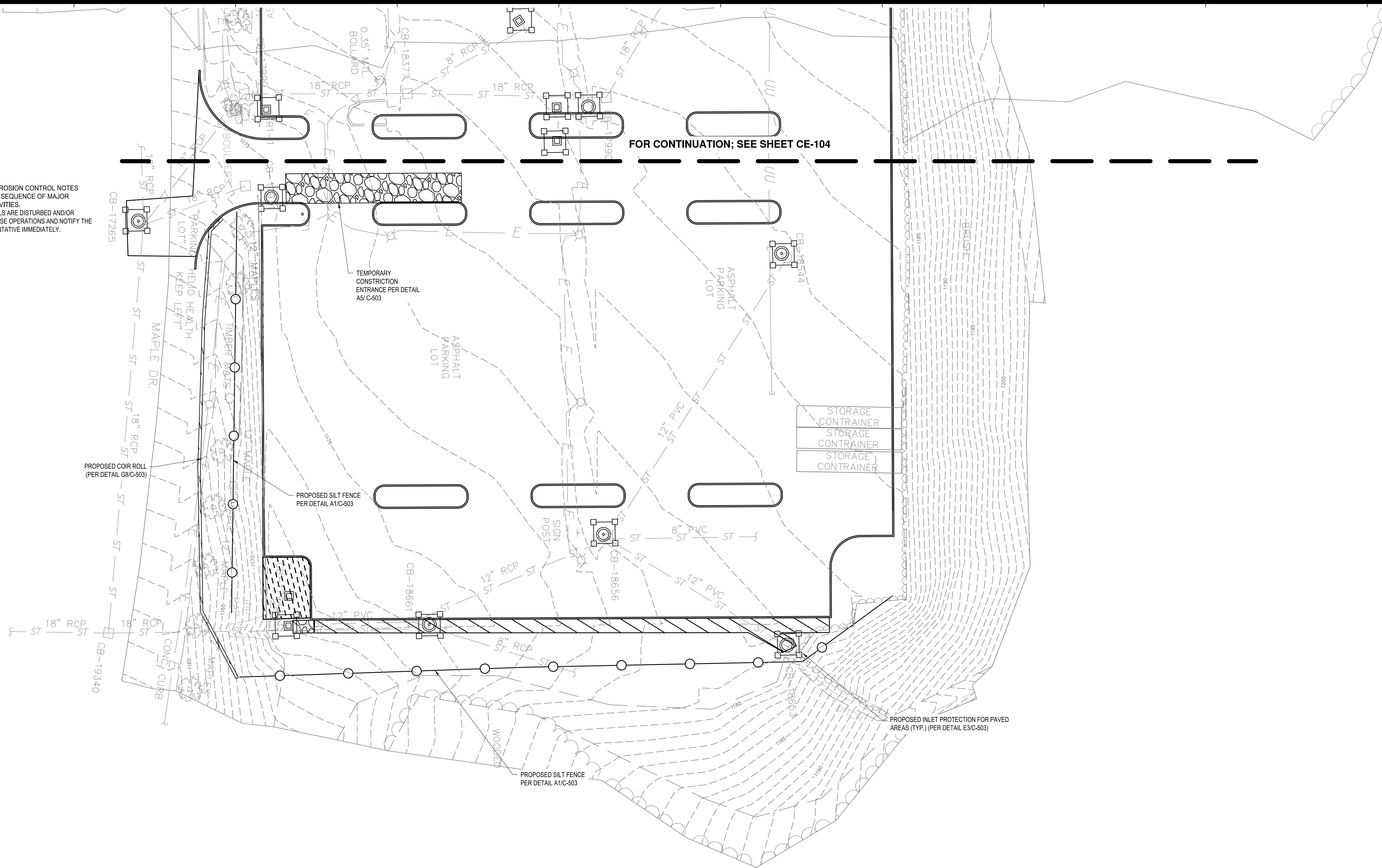
Phase
BID DOCUMENTS

Drawn By: **NJS** Checked By: **DHW** Date: **9/20/2024**

Seal & Signature:  Drawing Number: **354360**

CE-104
 Drawing 31 of 66

- NOTES**
- SEE CE-101 FOR EROSION CONTROL NOTES
 - SEE G3/C-504 FOR SEQUENCE OF MAJOR EARTHWORK ACTIVITIES.
 - IF SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.



FOR CONTINUATION; SEE SHEET CE-104

Project Key


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Rev No	Description	Date:

NEW YORK STATE OF OPPORTUNITY **Office for People With Developmental Disabilities**
NEW YORK STATE OPWDD
 44 HOLLAND AVENUE
 ALBANY, NEW YORK, 12208
 Project Title
BROOME DDSO ROAD-PARKING-EXPANSION
 249 GLENWOOD ROAD
 BINGHAMTON, NEW YORK, 13901

Drawing Title
EROSION AND SEDIMENT CONTROL PLAN
 Phase
BID DOCUMENTS

Drawn By: **NJS** Checked By: **DHW** Date: **9/20/2024**

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 DASNY Project No: **354360**
 Drawing Number
CE-105
 Drawing 32 of 66

