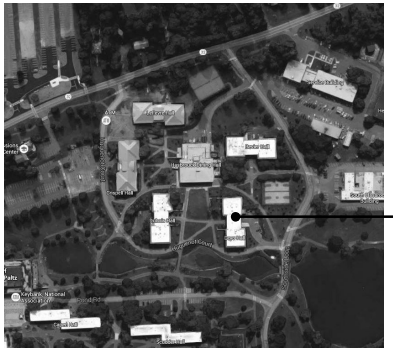
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION



SITE LOCATION MAP

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BID DOCUMENTS

Seal & Signature

ARCHITECT:

architecture+
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CIVIL ENGINEER/LAND SURVEYOR:

MJ ENGINEERING & LAND SURVEYING
1533 CRESCENT ROAD
CLIFTON PARK, NEW YORK
12065

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STRUCTURAL ENGINEER:

SPRING LINE DESIGN
73 TROY ROAD, SUITE 2H
EAST GREENBUSH, NEW YORK 12061

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ENVIRONMENTAL ENGINEER:

WATTS ARCH & ENGINEER
95 PERRY STREET, SUITE 300
BUFFALO, NEW YORK 14203

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PLUMBING ENGINEER:

LAKANI & JORDAN ENGINEERS
50 EAST 42ND STREET, SUITE1001
NEW YORK, NEW YORK
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FIRE PROTECTION/MECHANICAL/ ELECTRICAL ENGINEER:

FRIEDMAN FISHER ASSOCIATED
22 AVIATION ROAD
ALBANY, NEW YORK 12205

Seal & Signature

ENERGY MODELER:

PATHFINDER ENGINEERS AND ARCHITECTS
134 SOUTH FITZHUGH STREET
ROCHESTER, NEW YORK 14608

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COST ESTIMATOR:

STUART LYNN COMPANY, INC.
281 SIXTH AVENUE, 2ND FLOOR
NEW YORK, NEW YORK 10014

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

8-29-2018

BID DOCUMENTS

DASNY Project No: 341830

LEGEND

EXISTING

- CATCH BASIN
- STORM MANHOLE
- SANITARY SEWER MANHOLE
- MANHOLE
- ELECTRIC BOX
- ELECTRIC MANHOLE
- COMMUNICATION MANHOLE
- YARD DRAIN
- FIRE HYDRANT
- GATE VALVE
- LIGHT POLE
- SINGLE POST SIGN
- DECIDUOUS TREE
- SHRUB
- BOLLARD/POST
- BENCHMARK
- UNDERGROUND ELECTRIC LINE
- STORM SEWER LINE
- SANITARY SEWER LINE
- UNDERGROUND WATER LINE
- UNDERGROUND ABANDONED STEAM LINE
- UNDERGROUND STEAM LINE
- UNDERGROUND TELEPHONE
- CHAIN LINK FENCE
- WOODS LINE

PROPOSED

- CONTRACT LIMIT LINE
- STONE SURFACE
- TEMPORARY CONSTRUCTION FENCE
- LINEAR SITE FEATURE TO BE REMOVED
- SITE FEATURE TO BE REMOVED
- SAWCUT LINE
- EXISTING ASPHALT/CONCRETE SECTION TO BE REMOVED
- ROADWAY ASPHALT PAVEMENT
- PATH ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- REINFORCED TURF
- REGULATORY SIGN
- CHAIN LINK FENCE
- MOVEABLE TEMPORARY CONSTRUCTION FENCE
- ST — STORM SEWER
- SS — SANITARY SEWER
- W — WATER LINE
- G — NATURAL GAS MAIN
- DRAINAGE MANHOLE
- CB — CATCH BASIN
- YD — YARD DRAIN
- RL — ROOF LEADER
- CO — ROOF LEADER
- HYD — FIRE HYDRANT
- 345 — CONTOUR LINE
- 312.20 — SPOT ELEVATION
- HP: 315.10 — HIGH POINT
- LP: 310.10 — LOW POINT
- TC: 320.50 BC: 320.00 — TOP OF CURB / BOTTOM OF CURB
- ME — MATCH EXISTING ELEVATION
- IN PAVEMENT INLET PROTECTION
- SF — SILT FENCE
- TREE PROTECTION
- MULCH LANDSCAPE BED
- SHRUBS
- TREES
- EXISTING TREE TO BE PRUNED/TRIMMED

ABBREVIATIONS

TC = TOP OF CURB
BC = BOTTOM OF CURB
FFE = FINISHED FLOOR ELEVATIONS
RL = ROOF LEADER
CO = CLEAN OUT
SCO = SEWER CLEAN OUT
DIP = DUCTILE IRON PIPE
PVC = POLYVIYNLE CHLORIDE
TYP = TYPICAL

EXISTING CONDITIONS MAP NOTES:

1. BASE MAP PREPARED BY M.J. ENGINEERING AND LAND SURVEYING FROM A NOVEMBER 2017 AND MAY 2018 FIELD SURVEY.
2. NORTH ORIENTATION IS BASED ON SITE MAPPING SUPPLIED BY THE CLIENT.
3. HORIZONTAL AND VERTICAL DATUM BASED ON EXISTING CONTROL SUPPLIED BY THE CLIENT.
4. UNDERGROUND UTILITIES, STRUCTURES AND FACILITIES HAVE BEEN SHOWN FROM LIMITED RECORD MAPPING, AND SURFACE LOCATIONS AND MEASUREMENTS OBTAINED FROM A FIELD SURVEY, THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER UTILITIES WHICH THE EXISTENCE OF ARE NOT KNOWN. SIZE, TYPE AND LOCATION OF ALL UTILITIES AND STRUCTURES MUST BE VERIFIED BY PROPER AUTHORITIES PRIOR TO ANY AND ALL CONSTRUCTION. CALL DIG SAFE PRIOR TO ANY EXCAVATION.
5. NO INVESTIGATION OF SITE BOUNDARY, RIGHTS OF WAY, RIGHTS, EASEMENTS, COVENANTS, OR RESTRICTIONS OF RECORD WAS CONDUCTED AS A PART OF THIS SURVEY.
6. BUILDING LATERALS SHOWN ARE BASED ON RECORD INFORMATION PROVIDED BY CAMPUS.

EXISTING BUILDING NOTES:

1. REFER TO ARCHITECTURE PLANS FOR EXACT BUILDING DIMENSIONS AND ALL IMPROVEMENTS INTERNAL TO BUILDING.

DEMOLITION NOTES:

1. CONFORM TO APPLICABLE CODES FOR DEMOLITION OF STRUCTURES, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, RUNOFF CONTROL, HAULING, DISPOSAL AND STORAGE OF DEBRIS.
2. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
3. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION.
4. NOTIFY ADJACENT OWNERS OF WORK THAT MAY AFFECT THEIR PROPERTY, POTENTIAL NOISE, UTILITY OUTAGE, OR DISRUPTION. COORDINATE WITH OWNER.
5. PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING.
6. LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA. DISCONNECT AND SEAL OR CAP OFF UTILITY SERVICES THAT WILL BE AFFECTED BY THIS PROJECT. NOTIFY AFFECTED UTILITY COMPANIES, INCLUDING SUNY NEW PALTZ AT A MINIMUM OF 72 HOURS BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED.
7. DEMOLISH AND REMOVE COMPONENTS IN AN ORDERLY AND CAREFUL MANNER.
8. PROTECT EXISTING FEATURES THAT ARE NOT TO BE DEMOLISHED.
9. CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES.
10. MAINTAIN EGRESS AND ACCESS AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS, OR SIDEWALKS WITHOUT PERMITS.
11. CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY AUTHORITY HAVING JURISDICTION.
12. ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION TO MAINTAIN SITE GRADES AND CONTOURS.
13. FIELD VERIFY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED ON DEMOLITION PLAN TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
14. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH SELECTIVE DEMOLITION OPERATIONS.
15. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
16. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. ALL EXCESS MATERIALS SHALL BE TRANSPORTED OFF SITE AND LEGALLY DISPOSED OF.
17. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION.
18. LEGALLY DISPOSE OF DEMOLISHED MATERIALS. ALL DEBRIS RESULTING FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE AT A FACILITY LEGALLY APPROVED TO RECEIVE THE DEBRIS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. DO NOT BURN DEMOLISHED MATERIALS ON-SITE.
19. THE CONTRACTOR MUST EMPLOY AN INDEPENDENT AGENCY FOR THE PURPOSE OF LOCATING ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF WORK.
20. ALL ROADWAYS, WALKS, AND AREAS ADJACENT TO WORK SHALL BE KEPT FREE OF CONSTRUCTION DIRT AND DEBRIS.
21. IF ASBESTOS, PCB OR OTHER ENVIRONMENTAL ITEMS AND/OR SUSPECTED MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER IMMEDIATELY.

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AND UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR.
2. ALL PAVEMENT RESTORATION SHALL MEET AND MATCH EXISTING GRADES AND FINISHES.
3. ALL SAWCUT LINES SHALL BE PARALLEL AND CURVILINEAR TO EXISTING OR PROPOSED CURBING AND SHALL BE A CONSTANT DISTANCE OF 18" MIN AWAY.
4. NOTIFY ENGINEER 72 HOURS PRIOR TO INITIALIZATION OF ANY WORK ON SITE.
5. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT PRIOR REVIEW FROM THE ENGINEER.
6. CONTRACTOR IS RESPONSIBLE FOR EMPLOYING AND MAINTAINING ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING CONSTRUCTION.
7. CONTRACTOR IS RESPONSIBLE FOR PROPERLY AND SAFELY MAINTAINING AREA BETWEEN ALL ADJOINING PROPERTIES.
8. NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE SITE PROPERTY LINES OR PUBLIC RIGHT-OF-WAY.
9. ALL EXISTING LAWN AREAS, CURBING, PAVING, SIDEWALKS, CULVERTS OR OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED BY TRENCHING OR EXCAVATION OPERATIONS SHALL BE REPLACED OR REPAIRED TO A CONDITION EQUAL TO EXISTING, AS DESCRIBED IN CONTRACT DOCUMENTS OR AS ORDERED BY ENGINEER (AOBE). MAILBOXES, SIGN POSTS, ETC SHALL BE PROTECTED OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. REMOVE AND REPLACE AFFECTED CURBING AND SIDEWALK TO NEAREST JOINT. REMOVE PAVEMENT AND REPLACE TO SAW CUT LINE, SAW CUT IN STRAIGHT LINE TO POINT NEEDED TO BLEND GRADE, REMOVE LAWN AND REPLACE TO MINIMUM LIMIT OF EXCAVATION.

LAYOUT NOTES:

1. BUILDING DIMENSIONS TO BE TAKEN FROM ARCHITECTURAL BUILDING PLANS. NOTIFY THE ENGINEER OF ANY DEVIATION FROM CONDITIONS SHOWN ON THIS PLAN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING AND COORDINATING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND THE ENGINEER AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADDITIONS TO THE SATISFACTION OF THE OWNER AND THE ENGINEER BEFORE UTILITIES WILL BE ACCEPTED.

PAVING NOTES:

1. NO VEHICULAR TRAFFIC OF ANY SORT SHALL BE PERMITTED ON THE SURFACE OF SUBBASE COURSE MATERIAL ONCE IT HAS BEEN FINE GRADED, COMPACTED, AND IS READY FOR PAVING. SUBBASE MATERIAL SO PREPARED FOR PAVING SHALL BE PAVED WITHIN THREE DAYS OF PREPARATION.
2. PLACE ASPHALT CONCRETE MIXTURE ON PREPARED SURFACE, SPREAD AND STRIKE-OFF USING A SELF-PROPELLED PAVING MACHINE, WITH VIBRATING SCREED. PLACEMENT IN INACCESSIBLE AND SMALL AREAS MAY BE BY HAND.
3. PROVIDE JOINTS BETWEEN OLD AND NEW PAVEMENTS OR BETWEEN SUCCESSIVE DAY OF WORK.
4. TACK COAT WHEN SPECIFIED OR CALLED OUT ON THE DRAWINGS:
   A. REMOVE LOOSE AND FOREIGN MATERIAL FROM ASPHALT SURFACE BEFORE PAVING NEXT COURSE. USE POWER BROOMS, BLOWERS OR HAND BROOM.
   B. APPLY TACK COAT TO ASPHALT PAVEMENT SURFACES AND SURFACES OF CURBS, GUTTERS, MANHOLES, AND OTHER STRUCTURES PROJECTING INTO OR ABUTTING PAVEMENT. DRY TO A "TACKY" CONSISTENCY BEFORE PAVING.
   C. TACK COAT ENTIRE VERTICAL SURFACE OF ABUTTING EXISTING PAVEMENT.
5. AFTER COMPLETION OF PAVING AND SURFACING OPERATIONS, CLEAN SURFACES OF EXCESS OR SPILLED ASPHALT, GRAVEL OR STONE MATERIALS TO THE SATISFACTION OF THE ENGINEER.

GRADING NOTES:

1. PRIOR TO SITE DISTURBANCE, CONTRACTOR TO INSTALL EROSION & SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLANS.
2. STRIP ALL TOPSOIL PRIOR TO COMMENCING EARTHWORK OPERATIONS. TOPSOIL MAY BE STORED AND REUSED IN LAWN AND PLANTING AREAS ONLY. TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE TO REMAIN GREEN.
3. BOX ALL TREES AND HOUSE ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. ORNAMENTAL TREES, SHRUBS AND HEDGES WHICH MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED IN AND RE-PLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. ALL EARTHWORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS.
5. REMOVE ALL VEGETATION, TREES, STUMPS, GRASSES, ORGANIC SOILS, DEBRIS AND DELETERIOUS MATERIALS THAT ARE IDENTIFIED ON THE PROJECT REMOVAL PLANS.

EROSION AND SEDIMENT CONTROL NOTES:

1. PRIOR TO SITE DISTURBANCE, CONTRACTOR TO INSTALL EROSION & SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLANS.
2. SEDIMENT AND EROSION CONTROL MEASURES AS SHOWN ON THE PLANS SHALL BE INSPECTED, REPAIRED AND/OR MAINTAINED BY THE CONTRACTOR WITHIN 24 HOURS FOLLOWING A STORM EVENT GREATER THAN 1-INCH AND/OR EVERY 7 DAYS.
3. SEDIMENT DEPOSITS SHALL BE REMOVED AS SPECIFIED ON THE DETAILS.
4. SEDIMENT SHALL BE CONTAINED WITHIN THE CONSTRUCTION SITE AWAY FROM THE DRAINAGE STRUCTURES.
5. CLEAN OUT CATCH BASINS, DRAINAGE MANHOLES AND STORM DRAINAGE LINES THAT ARE WITHIN THE WORK LIMITS IF UPON INSPECTION IT IS FOUND THE ACCUMULATED DEBRIS AND SEDIMENT EXISTS FOLLOWING COMPLETION OF WORK.
6. UPON ESTABLISHMENT OF PERMANENT VEGETATION OVER DISTURBED AREAS, REMOVE AND PROPERLY DISPOSE OF THE EROSION CONTROL MEASURES INSTALLED.
7. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL SWEEP ALL IMPERMEABLE SURFACES TO PREVENT THE TRANSPORT OF ANY SEDIMENT FROM THE SITE TO OFF-SITE LOCATIONS AT ALL TIME.

GEOTECHNICAL NOTES:

1. PREVENT SURFACE WATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES, AND FROM FLOODING THE PROJECT SITE AND SURROUNDING AREA.
2. SOIL SUBGRADES SHOULD BE SLOPED TO DRAIN AND SHOULD BE SEALED WITH A SMOOTH DRUM ROLLER OR PLATE TAMPER AT THE END OF EACH DAY TO REDUCE SURFACE WATER INFILTRATION.
3. REROUTE SURFACE WATER RUNOFF AWAY FROM PREPARED SUBGRADES AND EXCAVATIONS. PROVIDE A TEMPORARY DEWATERING SYSTEM TO KEEP SUBGRADES DRY AND CONVEY GROUND WATER AWAY FROM PREPARED SUBGRADES AND EXCAVATIONS.
4. PRIOR TO PLACING FILLS, THE RETAINING WALL AND PAVEMENT SUBGRADES SHOULD BE PROOF-ROLLED BY COMPLETING AT LEAST THREE (3) PASSES USING A STEEL DRUM ROLLER WITH A STATIC WEIGHT OF AT LEAST TEN (10) TONS. THE ROLLER SHOULD OPERATE IN THE STATIC MODE UNLESS DIRECTED OTHERWISE BY A GEOTECHNICAL ENGINEER OBSERVING THE WORK. ANY SUBGRADE SOILS THAT ARE OR BECOME SOFT AND WET SHOULD BE UNDERCUT AND STABILIZED ACCORDINGLY.
5. PREPARED SUBGRADES THAT BECOME WET AND UNSTABLE SHALL BE STABILIZED BY SCARIFYING, DRYING, AND RE-COMPACTING OR BY UNDERCUTTING AND REPLACED WITH STRUCTURAL FILL OR DRAINAGE STONE AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING SOIL SUBGRADES THAT BECOME WET AND UNSTABLE DURING CONSTRUCTION.
7. FOR FOOTING EXCAVATION/UNDERCUTTING, THE EXPOSED SUBGRADES SHOULD BE FIRM AND FREE OF LOOSE SOIL. CONTRACTOR MAY USE A SMOOTH BLADE OR PLATE WELDED TO BACKHOE TEETH AS REQUIRED.

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Consultants:

architecture+
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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase
BID DOCUMENTS

GENERAL NOTES AND LEGENDS

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

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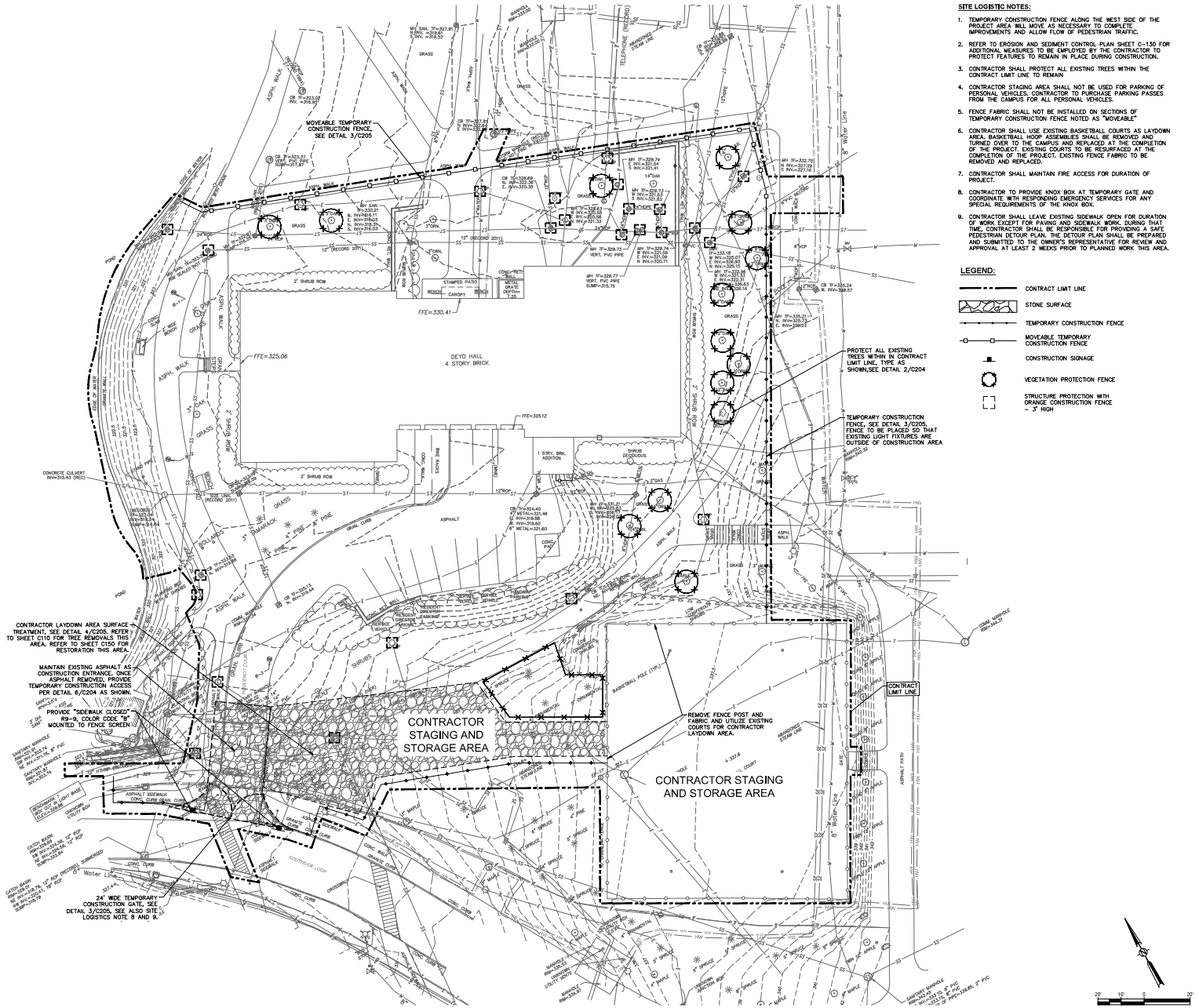

SITE LOGISTIC NOTES:

1. TEMPORARY CONSTRUCTION FENCE ALONG THE WEST SIDE OF THE PROJECT AREA WILL MOVE AS NECESSARY TO COMPLETE IMPROVEMENTS AND ALLOW FLOW OF PEDESTRIAN TRAFFIC.
2. REFER TO EROSION AND SEDIMENT CONTROL PLAN SHEET C-130 FOR ADDITIONAL MEASURES TO BE EMPLOYED BY THE CONTRACTOR TO PROTECT FEATURES TO REMAIN IN PLACE DURING CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT ALL EXISTING TREES WITHIN THE CONTRACT LIMIT LINE TO REMAIN
4. CONTRACTOR STAGING AREA SHALL NOT BE USED FOR PARKING OF PERSONAL VEHICLES. CONTRACTOR TO PURCHASE PARKING PASSES FROM THE CAMPUS FOR ALL PERSONAL VEHICLES.
5. FENCE FABRIC SHALL NOT BE INSTALLED ON SECTIONS OF TEMPORARY CONSTRUCTION FENCE NOTED AS "MOVEABLE"
6. CONTRACTOR SHALL USE EXISTING BASKETBALL COURTS AS LAYDOWN AREA. BASKETBALL HOOP ASSEMBLIES SHALL BE REMOVED AND TURNED OVER TO THE CAMPUS AND REPLACED AT THE COMPLETION OF THE PROJECT. EXISTING COURTS TO BE RESURFACED AT THE COMPLETION OF THE PROJECT. EXISTING FENCE FABRIC TO BE REMOVED AND REPLACED.
7. CONTRACTOR SHALL MAINTAIN FIRE ACCESS FOR DURATION OF PROJECT.
8. CONTRACTOR TO PROVIDE KNOX BOX AT TEMPORARY GATE AND COORDINATE WITH RESPONDING EMERGENCY SERVICES FOR ANY SPECIAL REQUIREMENTS OF THE KNOX BOX.
9. CONTRACTOR SHALL LEAVE EXISTING SIDEWALK OPEN FOR DURATION OF WORK EXCEPT FOR PAVING AND SIDEWALK WORK. DURING THAT TIME, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SAFE PEDESTRIAN DETOUR PLAN. THE DETOUR PLAN SHALL BE PREPARED AND SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL AT LEAST 2 WEEKS PRIOR TO PLANNED WORK THIS AREA.

LEGEND:

- CONTRACT LIMIT LINE
- STONE SURFACE
- TEMPORARY CONSTRUCTION FENCE
- MOVEABLE TEMPORARY CONSTRUCTION FENCE
- CONSTRUCTION SIGNAGE
- VEGETATION PROTECTION FENCE
- STRUCTURE PROTECTION WITH ORANGE CONSTRUCTION FENCE – 3' HIGH

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DORMITORY AUTHORITY - STATE OF NEW YORK

Consultants:

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Project Key

REVISIONS

Description	Date

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

CONTRACTOR STAGING AND STORAGE PLAN

Drawn By:	Checked By:	Date:
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DASNY Project No: 341830

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C-002

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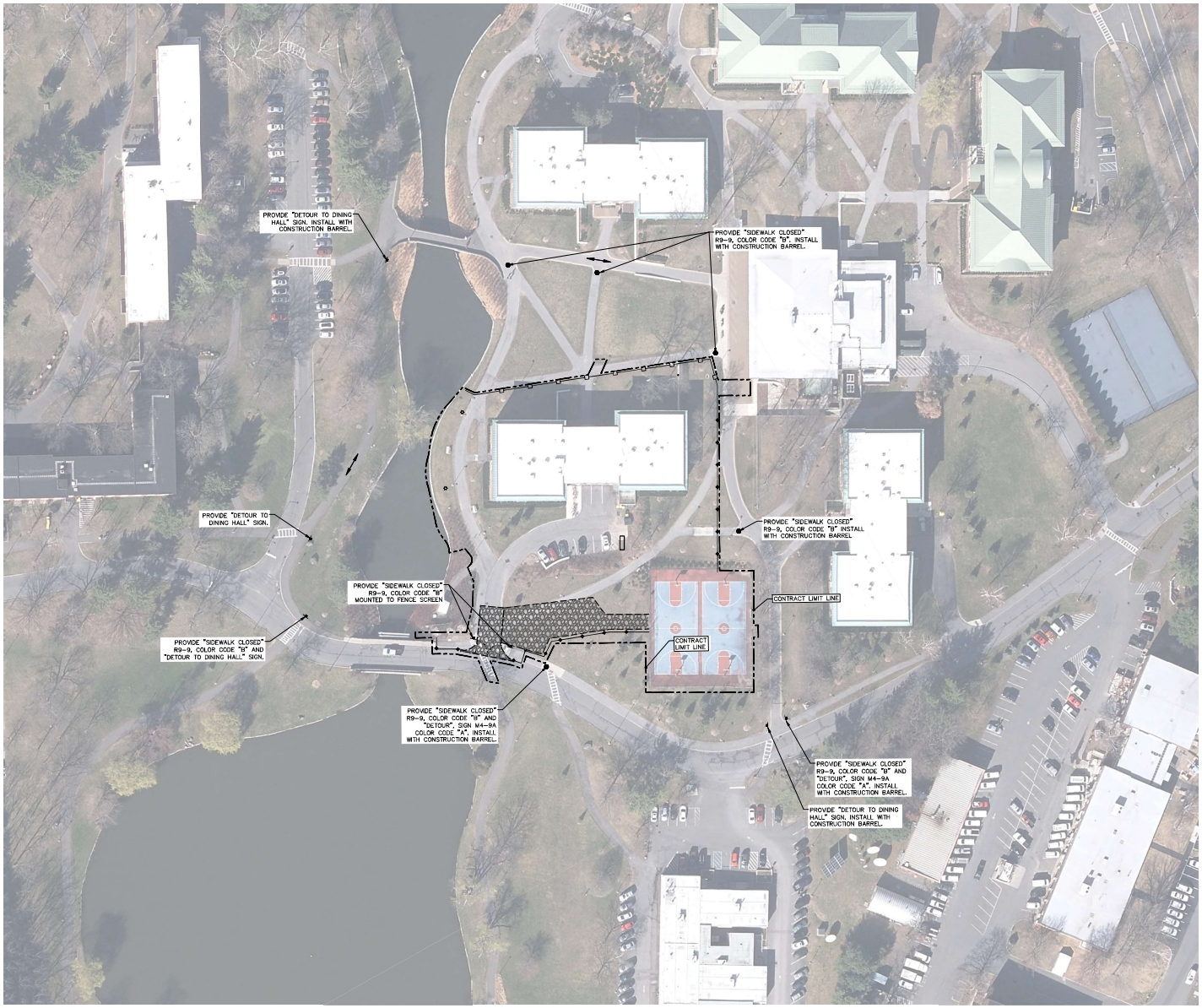

CONSTRUCTION STAGING AREA NOTES:

1. CONTRACTOR SHALL REMOVE ALL TEMPORARY STAGING AREA MATERIALS FOLLOWING COMPLETION OF WORK AND SHALL RESTORE AREA TO CONDITIONS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK OR AS NOTED ON THE PLANS.

CONSTRUCTION FENCING NOTES:

1. CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION FENCE FOR DURATION OF PROJECT.
2. CONTRACTOR TO PROVIDE CONSTRUCTION FENCING AND LOGISTICS PLAN FOR APPROVAL PRIOR TO INSTALLATION.
3. SEE ALSO DIVISION 1 "GENERAL REQUIREMENTS" FOR ADDITIONAL REQUIREMENTS ASSOCIATED WITH TEMPORARY CONSTRUCTION FENCING.

CONSTRUCTION SIGNAGE NOTES:

1. CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION SIGNAGE FOR DURATION OF PROJECT.
2. ALL CONSTRUCTION SIGNAGE SHALL BE INSTALLED AS SHOWN ON DETAIL 5/C205.
3. ALL CONSTRUCTION SIGNAGE SHALL BE PLACED NO CLOSER THAN 5-FEET FROM AN EXISTING LANE OF TRAVEL.
4. ALL CONSTRUCTION SIGNAGE SHALL BE PLACED SO NOT TO OBSTRUCT ANY EXISTING TRAFFIC REGULATORY SIGNS. ACTUAL LOCATIONS OF INSTALLED SIGNAGE SHALL BE REVIEWED IN THE FIELD WITH THE OWNER'S REPRESENTATIVE FOR APPROVAL.

LEGEND:

- CONTRACT LIMIT LINE
- TEMPORARY CONSTRUCTION FENCE
- CONSTRUCTION SIGNAGE
- CONSTRUCTION BARREL WITH ATTACHED SIGNAGE

SIGN SCHEDULE

MUTCD SIGNAGE

SIGN FACE	MIN SIZE	COLORS		MUTCD NUMBER	MOUNTING
		BCK GRND	LEGEND		
DETOUR	12"X18"	ORANGE	BLACK	M4-9A	4/C-200 OR CONSTRUCTION BARREL
SIDEWALK CLOSED	12"X18"	WHITE	BLACK	R9-9	4/C-200 OR CONSTRUCTION BARREL

MUTCD SIGNAGE

SIGN FACE	MIN SIZE	COLORS		MOUNTING
		BCK GRND	LEGEND	
DETOUR TO DINING HALL	12"X18"	WHITE	BLACK	4/C-200 OR CONSTRUCTION BARREL

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REVISIONS

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DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

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BID DOCUMENTS

SITE LOGISTICS PLAN

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DASNY Project No: 341830

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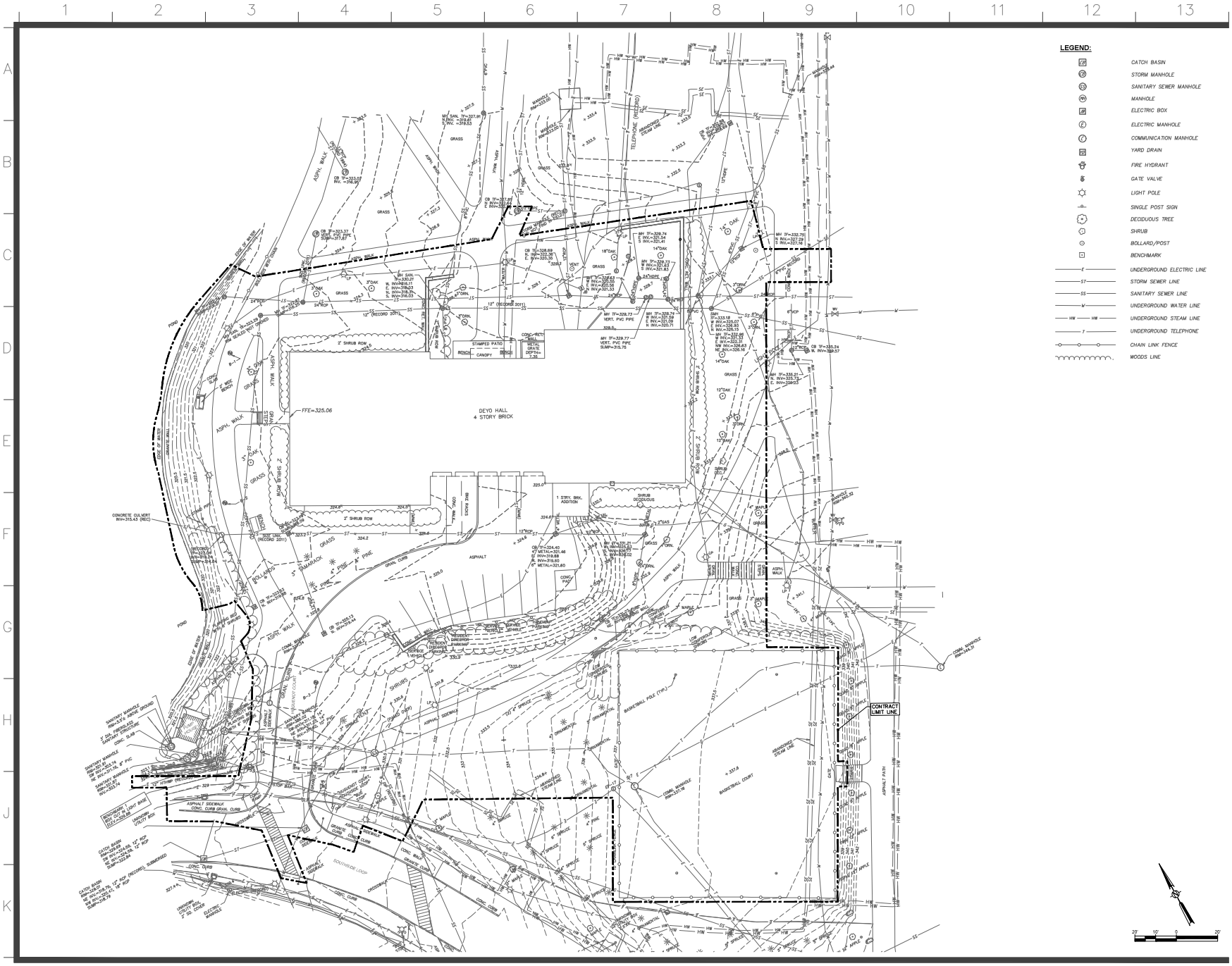

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EXISTING CONDITIONS PLAN

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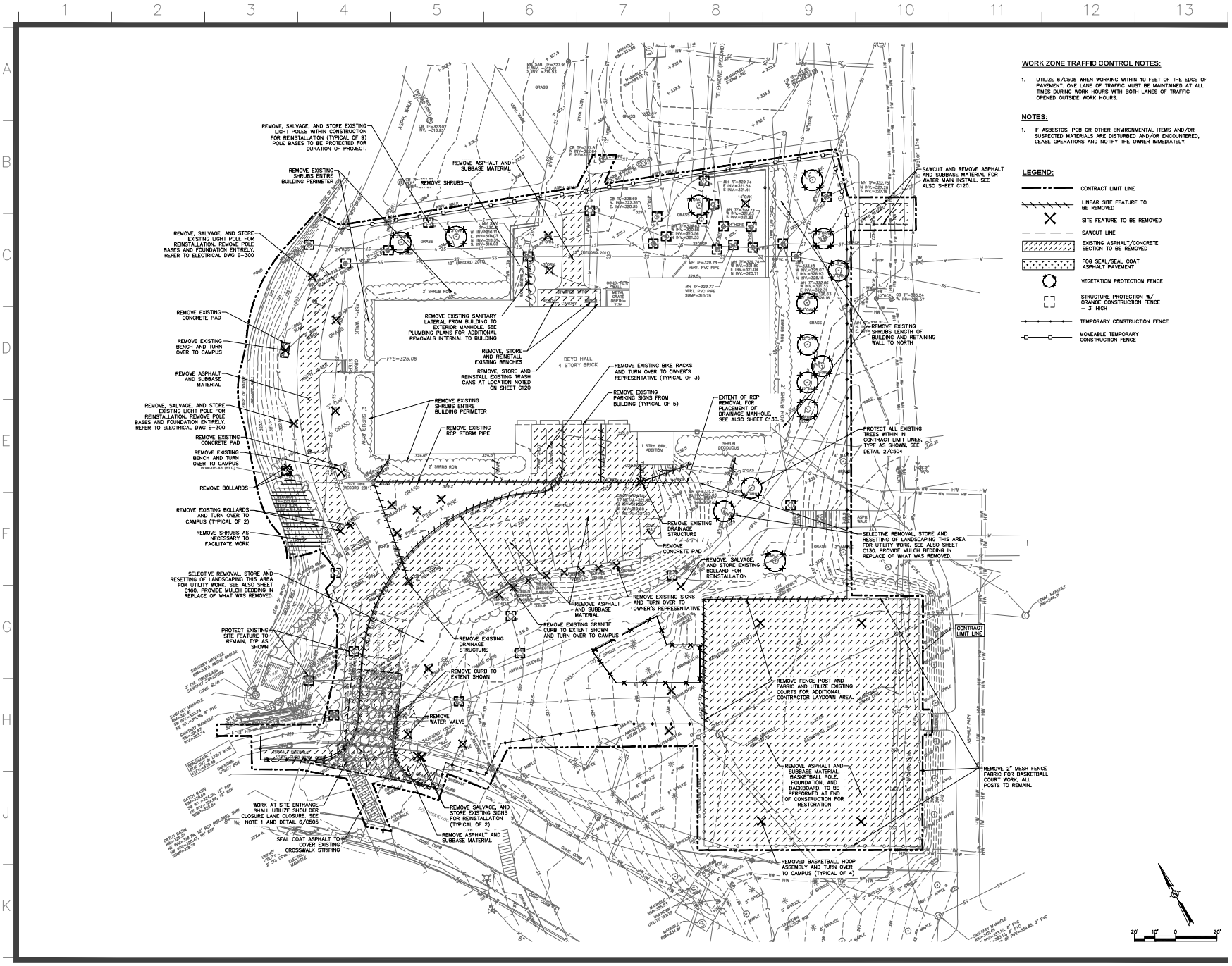

WORK ZONE TRAFFIC CONTROL NOTES:

1. UTILIZE 6/C505 WHEN WORKING WITHIN 10 FEET OF THE EDGE OF PAVEMENT. ONE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES DURING WORK HOURS WITH BOTH LANES OF TRAFFIC OPENED OUTSIDE WORK HOURS.

NOTES:

1. IF ASBESTOS, PCB OR OTHER ENVIRONMENTAL ITEMS AND/OR SUSPECTED MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY THE OWNER IMMEDIATELY.

LEGEND:

- CONTRACT LIMIT LINE
- LINEAR SITE FEATURE TO BE REMOVED
- SITE FEATURE TO BE REMOVED
- SAWCUT LINE
- EXISTING ASPHALT/CONCRETE SECTION TO BE REMOVED
- FOG SEAL/SEAL COAT ASPHALT PAVEMENT
- VEGETATION PROTECTION FENCE
- STRUCTURE PROTECTION W/ ORANGE CONSTRUCTION FENCE – 3' HIGH
- TEMPORARY CONSTRUCTION FENCE
- MOVEABLE TEMPORARY CONSTRUCTION FENCE

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1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

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BID DOCUMENTS

REMOVALS PLAN

Drawn By:	Checked By:	Date:
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DASNY Project No. 341830

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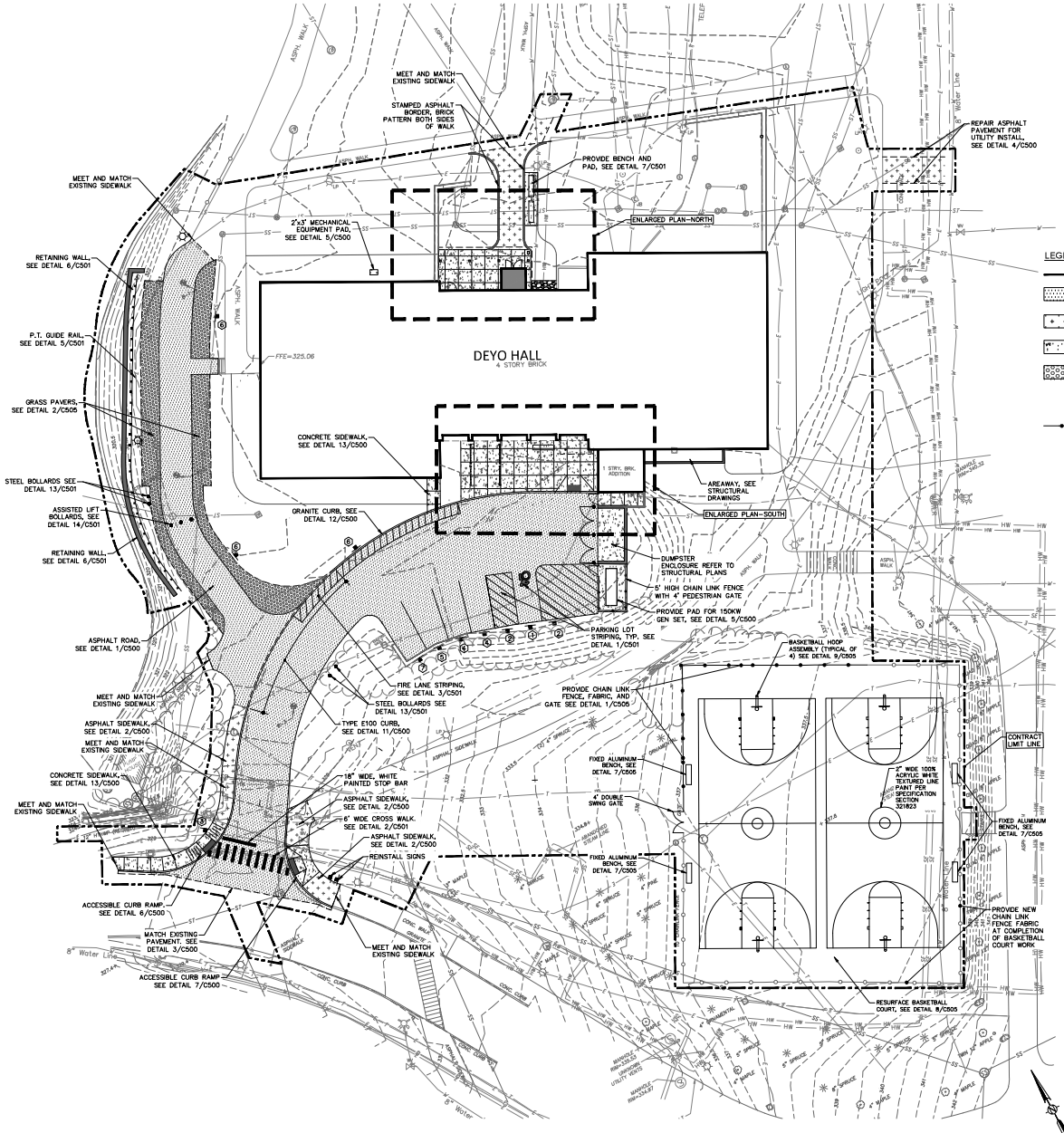


1 **LAYOUT PLAN**
SCALE: 1"=20'

LEGEND

- CONTRACT LIMIT LINE
- ROADWAY ASPHALT PAVEMENT SEE DETAIL 1/C500
- PATH ASPHALT PAVEMENT SEE DETAIL 2/C500
- CONCRETE SIDEWALK SEE DETAIL 13/C500
- REINFORCED TURF SEE DETAIL 2/C505
- REGULATORY SIGN SEE DETAIL 4/C501
- CHAIN LINK FENCE SEE DETAIL 1/C505

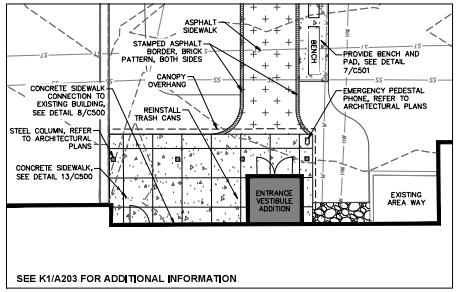
SIGN SCHEDULE

MUTCD SIGNAGE

SIGN NO.	SIGN FACE	MIN SIZE	COLORS BCK GRND	COLORS LEGEND	MUTCD NUMBER	MOUNTING
1	RESERVED PARKING	12"x18"	WHITE	GREEN, WHITE ON BLUE	R7-8	4/C-500
2	2 HOUR LIMIT 8AM-5PM MONDAY-FRIDAY ANY TIME	12"x18"	WHITE	RED	R7-1	4/C-500
3	STOP	30"x30"	RED	WHITE	R1-1	4/C-500

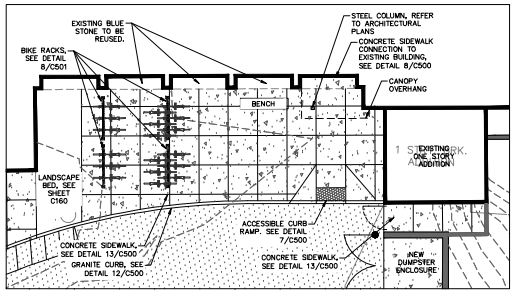
CAMPUS SIGNAGE

SIGN NO.	SIGN FACE	MIN SIZE	COLORS BCK GRND	COLORS LEGEND	MUTCD NUMBER	MOUNTING
4	RESERVED Resident Student Parking	12"x18"	TOP: PMS 281C BOTTOM: PMS 165C	WHITE	REFER TO CAMPUS SIGNAGE STANDARDS	4/C-500
5	SERVICE VEHICLE PARKING ONLY	12"x18"	WHITE	BLACK	NA	4/C-500
6	FIRE LANE	12"x18"	WHITE	RED	NA	4/C-500
7	RESERVED Counselor Parking	12"x18"	TOP: PMS 281C BOTTOM: PMS 165C	WHITE	REFER TO CAMPUS SIGNAGE STANDARDS	4/C-500



SEE K1/A203 FOR ADDITIONAL INFORMATION

2 **ENLARGED PLAN - NORTH**
SCALE: 1"=10'



3 **ENLARGED PLAN - SOUTH**
SCALE: 1"=10'

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION & UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

MATERIAL LAYOUT PLAN

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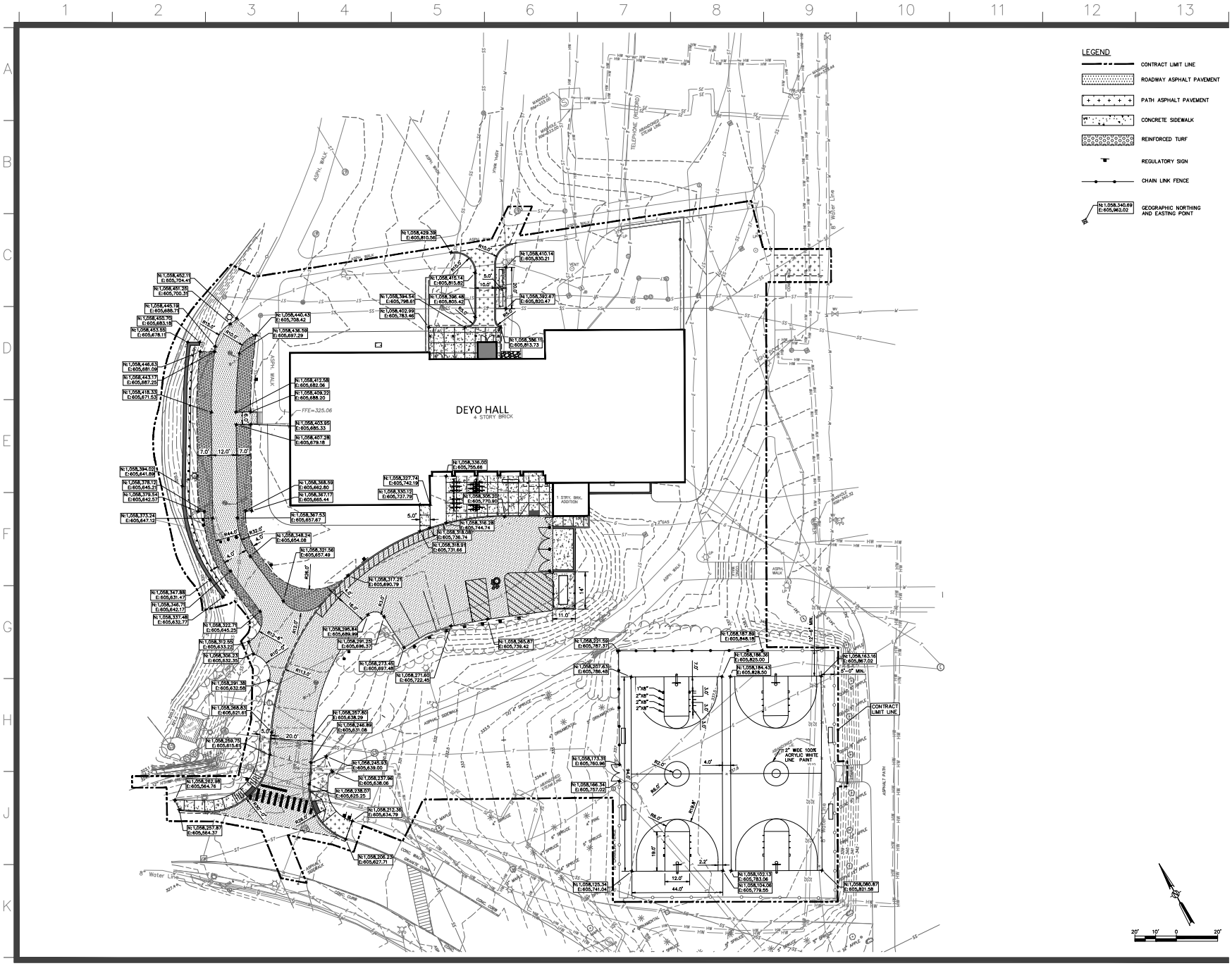

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DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

GEOMETRIC LAYOUT PLAN

Drawn By:	Checked By:	Date:
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DASNY Project No: 341830

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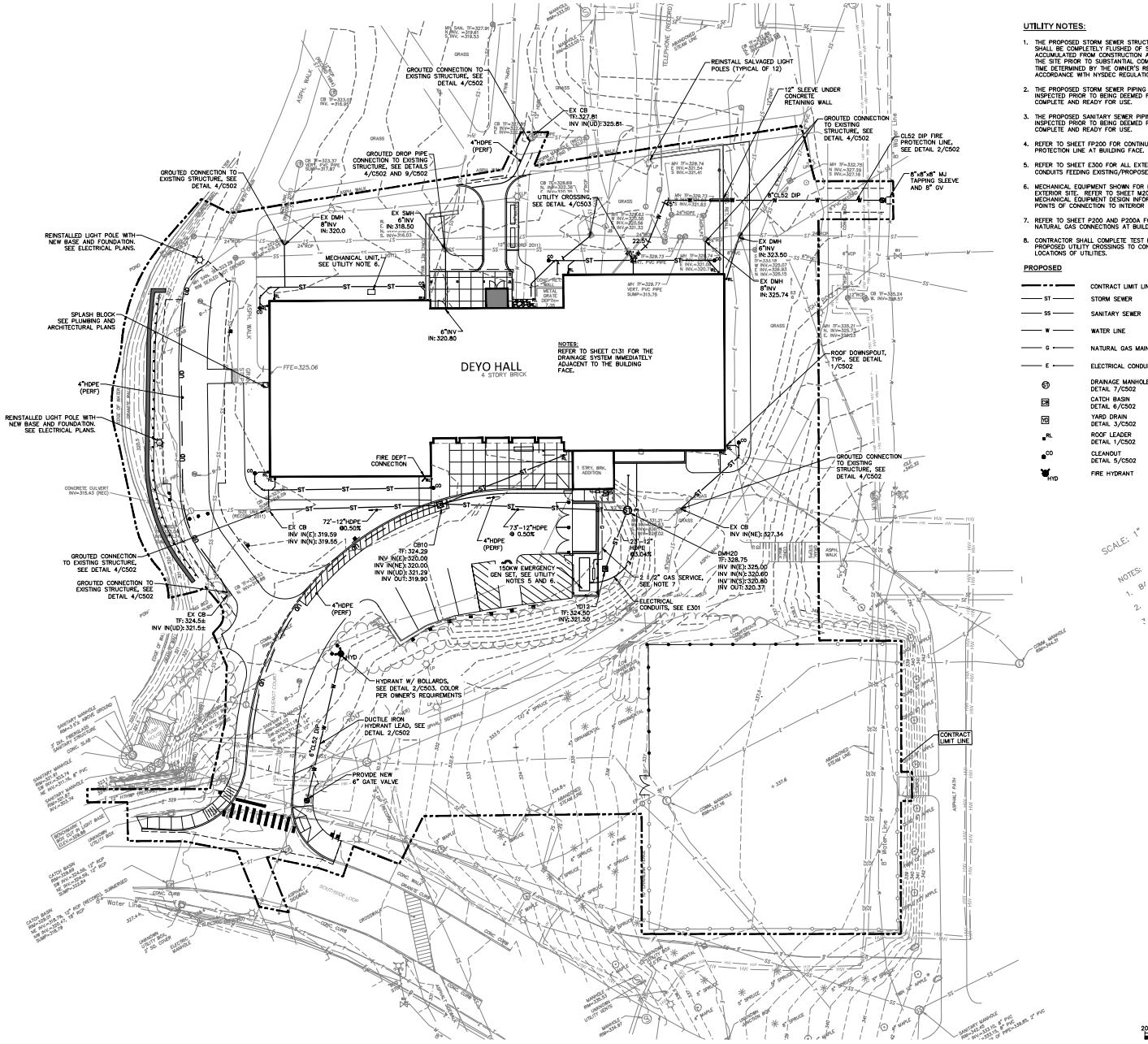

NOTES:
REFER TO SHEET C131 FOR THE DRAINAGE SYSTEM IMMEDIATELY ADJACENT TO THE BUILDING FACE.

UTILITY NOTES:

1. THE PROPOSED STORM SEWER STRUCTURES AND PIPING SHALL BE COMPLETELY FLUSHED OF SEDIMENT THAT HAS ACCUMULATED FROM CONSTRUCTION AND REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND AT A TIME DETERMINED BY THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH NYSDEC REGULATIONS.
2. THE PROPOSED STORM SEWER PIPING SHALL BE CCTV INSPECTED PRIOR TO BEING DEEMED FUNCTIONALLY COMPLETE AND READY FOR USE.
3. THE PROPOSED SANITARY SEWER PIPING SHALL BE CCTV INSPECTED PRIOR TO BEING DEEMED FUNCTIONALLY COMPLETE AND READY FOR USE.
4. REFER TO SHEET FP200 FOR CONTINUATION OF FIRE PROTECTION LINE AT BUILDING FACE.
5. REFER TO SHEET E300 FOR ALL EXTERIOR ELECTRICAL CONDUITS FEEDING EXISTING/PROPOSED FEATURES.
6. MECHANICAL EQUIPMENT SHOWN FOR PLACEMENT ON EXTERIOR SITE. REFER TO SHEET M201 FOR EXTERIOR MECHANICAL EQUIPMENT DESIGN INFORMATION INCLUDING POINTS OF CONNECTION TO INTERIOR SYSTEMS.
7. REFER TO SHEET P200 AND P200A FOR SANITARY SEWER, NATURAL GAS CONNECTIONS AT BUILDING FACE.
8. CONTRACTOR SHALL COMPLETE TEST PITS AT ALL PROPOSED UTILITY CROSSINGS TO CONFIRM VERTICAL LOCATIONS OF UTILITIES.

PROPOSED

- CONTRACT LIMIT LINE
- ST — STORM SEWER
- SS — SANITARY SEWER
- W — WATER LINE
- G — NATURAL GAS MAIN
- E — ELECTRICAL CONDUIT
- DRAINAGE MANHOLE DETAIL 7/C502
- CB — CATCH BASIN DETAIL 6/C502
- YD — YARD DRAIN DETAIL 3/C502
- RL — ROOF LEADER DETAIL 1/C502
- CO — CLEANOUT DETAIL 5/C502
- HYD — FIRE HYDRANT

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DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

UTILITY PLAN

Drawn By:	Checked By:	Date:
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PROPOSED

- CONTRACT LIMIT LINE
- ST — STORM SEWER
- SS — SANITARY SEWER
- W — WATER LINE
- G — NATURAL GAS MAIN
- E — ELECTRICAL CONDUIT
- DRAINAGE MANHOLE DETAIL 7/C502
- CB — CATCH BASIN DETAIL 6/C502
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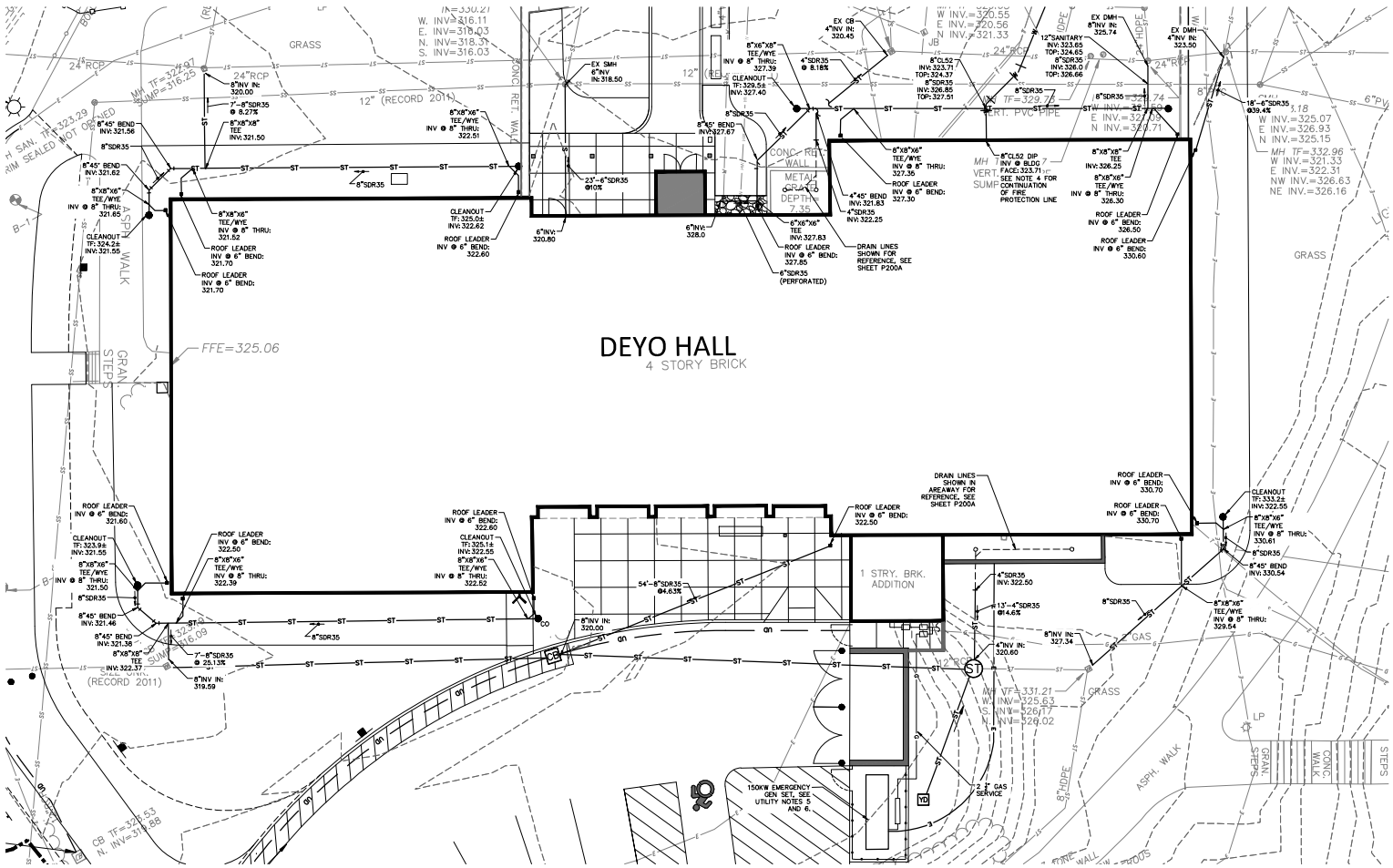
UTILITY NOTES:

1. THE PROPOSED STORM SEWER STRUCTURES AND PIPING SHALL BE COMPLETELY FLUSHED OF SEDIMENT THAT HAS ACCUMULATED FROM CONSTRUCTION AND REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND AT A TIME DETERMINED BY THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH NYSDEC REGULATIONS.
2. THE PROPOSED STORM SEWER PIPING SHALL BE CCTV INSPECTED PRIOR TO BEING DEEMED FUNCTIONALLY COMPLETE AND READY FOR USE.
3. THE PROPOSED SANITARY SEWER PIPING SHALL BE CCTV INSPECTED PRIOR TO BEING DEEMED FUNCTIONALLY COMPLETE AND READY FOR USE.
4. REFER TO SHEET FP200 FOR CONTINUATION OF FIRE PROTECTION LINE AT BUILDING FACE.
5. REFER TO SHEET E300 FOR ALL EXTERIOR ELECTRICAL CONDUITS FEEDING EXISTING/PROPOSED FEATURES.
6. MECHANICAL EQUIPMENT SHOWN FOR PLACEMENT ON EXTERIOR SITE. REFER TO SHEET M201 FOR EXTERIOR MECHANICAL EQUIPMENT DESIGN INFORMATION INCLUDING POINTS OF CONNECTION TO INTERIOR SYSTEMS.
7. REFER TO SHEET P200 FOR SANITARY SEWER, NATURAL GAS CONNECTIONS AT BUILDING FACE.
8. CONTRACTOR SHALL COMPLETE TEST PITS AT ALL PROPOSED UTILITY CROSSINGS TO CONFIRM VERTICAL LOCATIONS OF UTILITIES.



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1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

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ENLARGED UTILITY PLAN AT BUILDING

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Scale: AS NOTED

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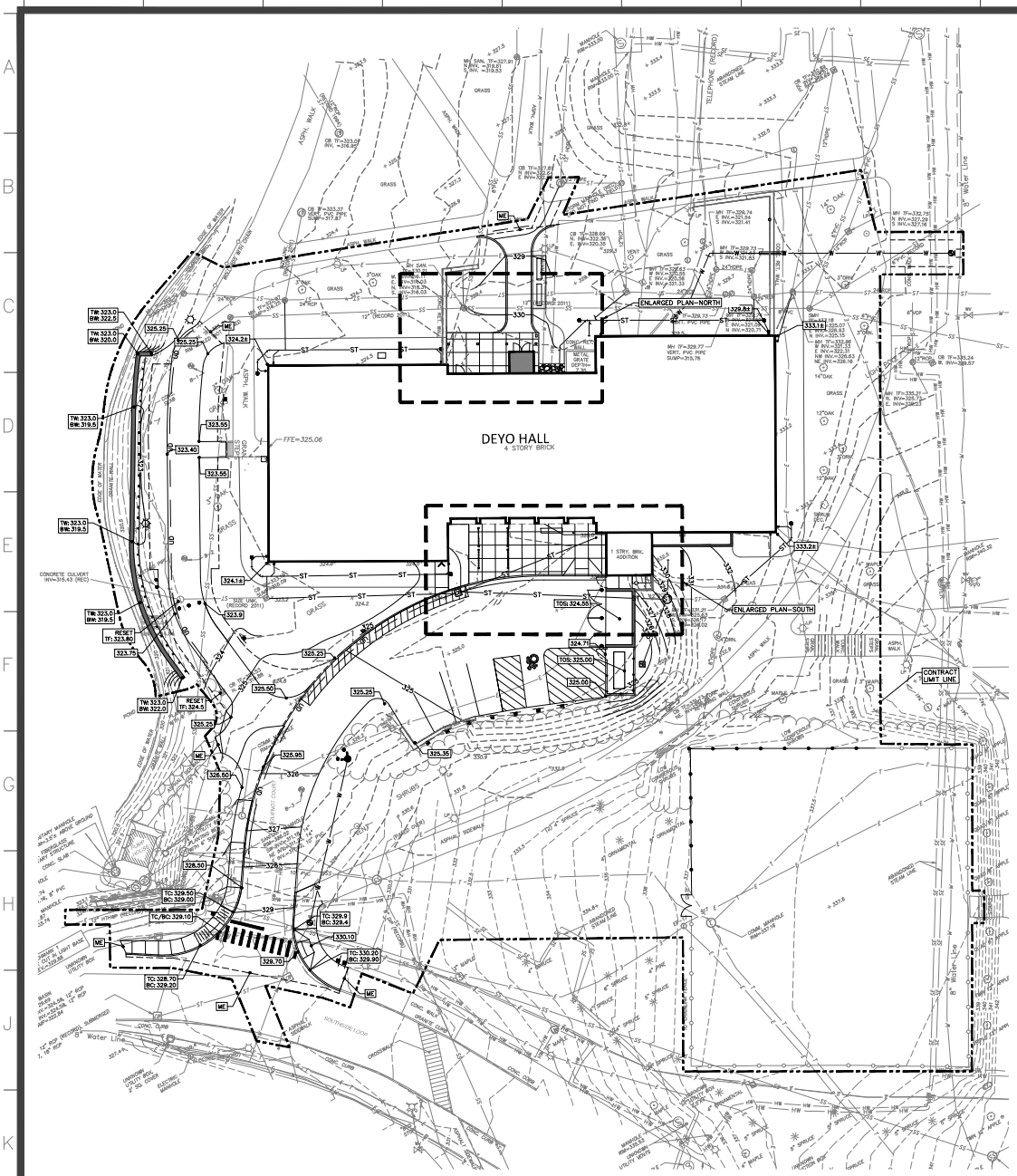


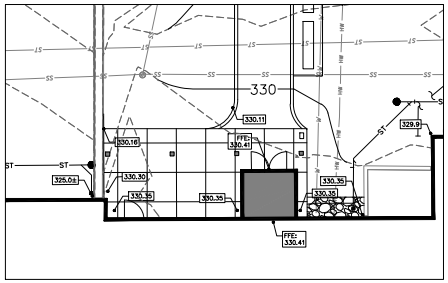
1 **GRADING PLAN**
SCALE: 1"=20'

NOTES:

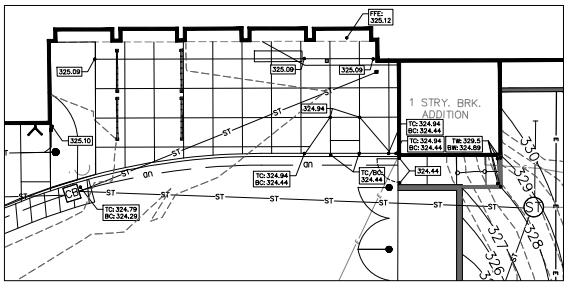
1. CONTRACTOR SHALL ADJUST FRAMES, GRATES, AND COVERS TO MATCH PROPOSED GRADE.

LEGEND

	CONTRACT LIMIT LINE
ST	STORM SEWER
ST	DRAINAGE MANHOLE
CB	CATCH BASIN
YD	YARD DRAIN
345	CONTOUR LINE
312.20	SPOT ELEVATION
HP 315.10	HIGH POINT
LP 310.10	LOW POINT
TC: 320.50 BC: 320.00	TOP OF CURB BOTTOM OF CURB
ME	MATCH EXISTING ELEVATION



2 **ENLARGED PLAN - NORTH**
SCALE: 1"=10'



3 **ENLARGED PLAN - SOUTH**
SCALE: 1"=10'

DASNY

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Consultants:

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TROY, NY 12180

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

Project Key

REVISIONS

Description	Date

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

GRADING PLAN

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No.
341830

Drawing Number
C-140

Scale: AS NOTED

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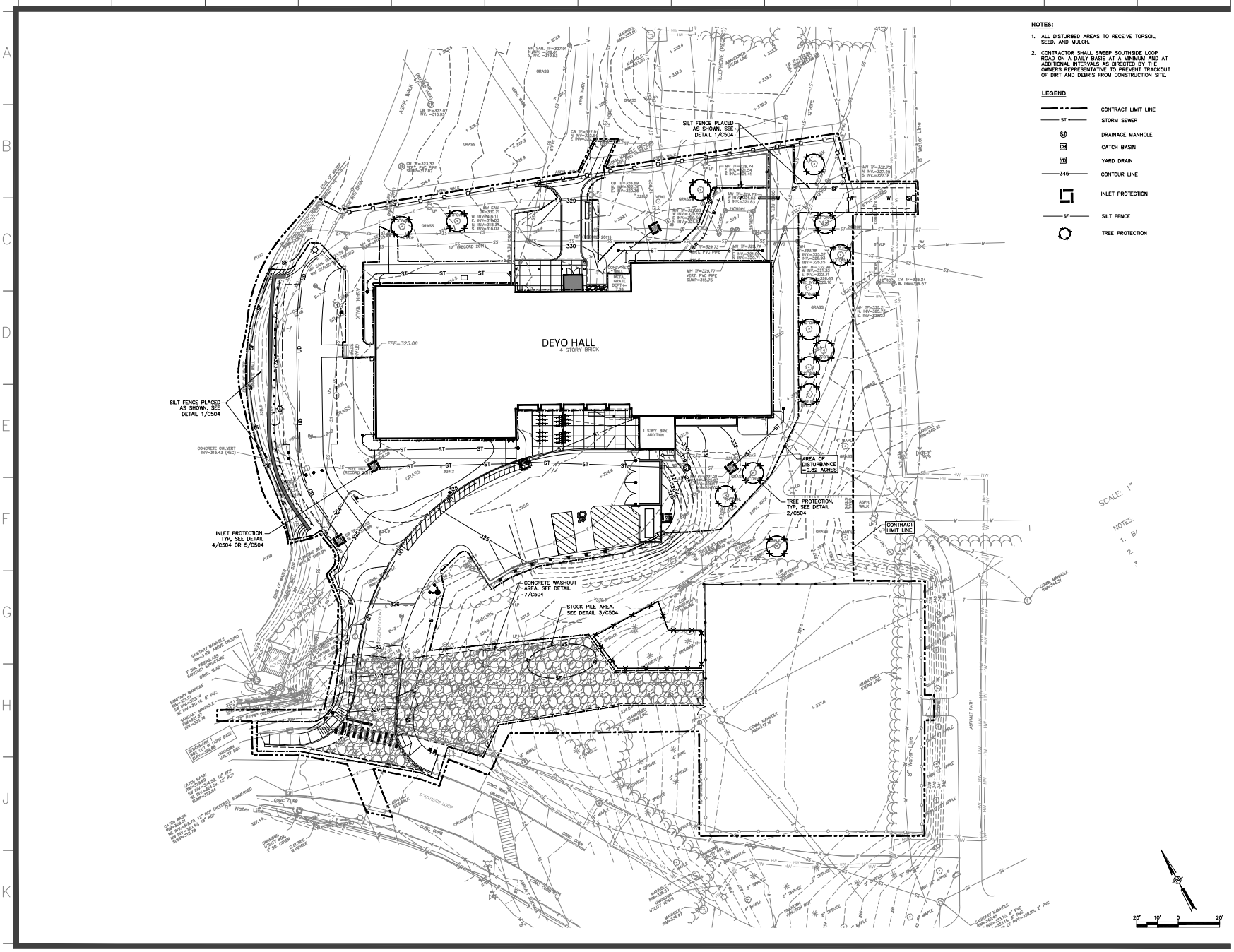

NOTES:

1. ALL DISTURBED AREAS TO RECEIVE TOPSOIL, SEED, AND MULCH.
2. CONTRACTOR SHALL SWEEP SOUTHSIDE LOOP ROAD ON A DAILY BASIS AT A MINIMUM AND AT ADDITIONAL INTERVALS AS DIRECTED BY THE OWNERS REPRESENTATIVE TO PREVENT TRACKOUT OF DIRT AND DEBRIS FROM CONSTRUCTION SITE.

LEGEND

- CONTRACT LIMIT LINE
- ST — STORM SEWER
- DRAINAGE MANHOLE
- CB — CATCH BASIN
- YD — YARD DRAIN
- 345 — CONTOUR LINE
- INLET PROTECTION
- SF — SILT FENCE
- TREE PROTECTION

DASNY

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Description	Date:

Project Title

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DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

C-150

Scale: AS NOTED

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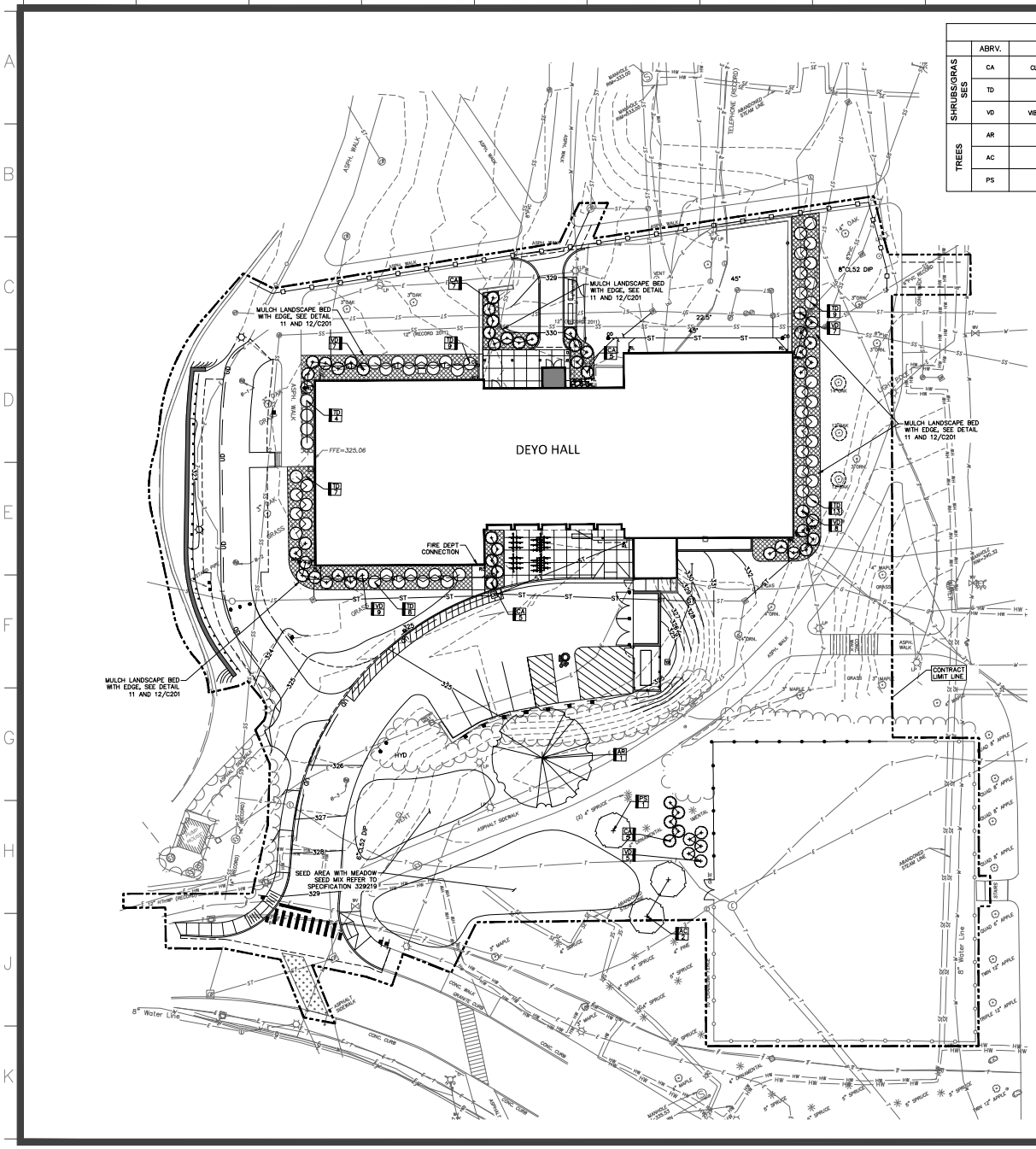

	ABRV.	BOTANICAL NAME	COMMON NAME	SIZE	COND.	SPACING	REMARKS
SHRUBS/GRASSES	CA	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	SUMMERSWEET	5 GAL.	CONT.	5' O.C.	DETAIL 10/C201
	TD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE SPREADING YEW	24–30"	BB	5' O.C.	DETAIL 10/C201
	VD	VIBURNUM DENTATUM 'BLUE MUFFIN'	ARROWWOOD VIBURNUM	4–5'	BB	4' O.C.	DETAIL 10/C201
TREES	AR	ACER RUBRUM	RED MAPLE	3" CAL.	BB	AS SHOWN	DETAIL 9/C201
	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	8–10' HT.	BB	AS SHOWN	DETAIL 9/C201
	PS	PRUNUS 'SCHUBERT'	SCHUBERT CHOKECHERRY	8–10' HT.	BB	AS SHOWN	DETAIL 9/C201

NOTES:

1. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMIT LINE TO RECEIVE TOPSOIL, SEED, AND MULCH UNLESS NOTED OTHERWISE.

LEGEND

- CONTRACT LIMIT LINE
- MULCH LANDSCAPE BED
- SHRUBS
- TREES
- EXISTING TREE TO BE PRUNED/TRIMMED TO PROVIDE 5' HORIZONTAL SPACE BETWEEN TREE BRANCHES AND RENOVATED BUILDING

20' 10' 0 20'

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DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

LANDSCAPING PLAN

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

C-160

Scale: AS NOTED

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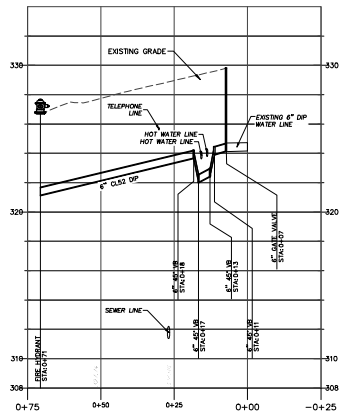
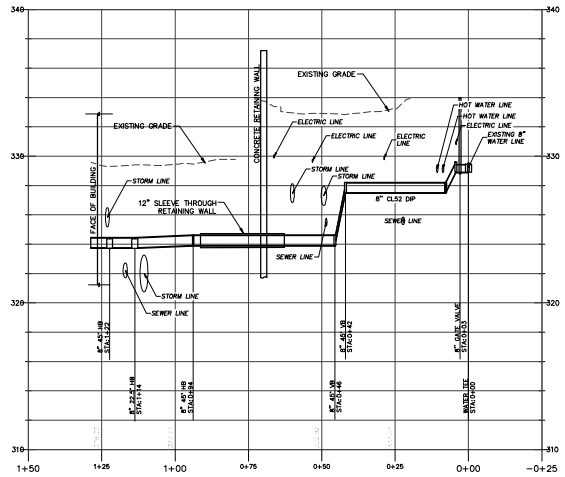
UTILITY NOTES:

1. CONTRACTOR SHALL COMPLETE TEST PITS AT ALL PROPOSED UTILITY CROSSINGS TO CONFIRM VERTICAL LOCATIONS OF UTILITIES.



1 HYDRANT WATER LINE PROFILE
SCALE(HOR): 1" = 20'
SCALE(VERT): 1" = 5'



2 FIRE WATER LINE PROFILE
SCALE(HOR): 1" = 20'
SCALE(VERT): 1" = 5'

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Project Key

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Project Title
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DEYO HALL REHABILITATION & UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

WATER LINE PROFILES

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

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DASNY Project No: 341830

Drawing Number
C-200

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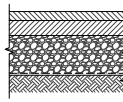
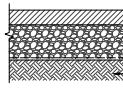


NOTES:

1. TACK COAT TO BE PROVIDED BETWEEN ALL ASPHALT COURSES.
2. REFER TO SPECIFICATION SECTION 321216 FOR PAVEMENT MATERIAL REQUIREMENTS.

1 ASPHALT ROAD/PARKING PAVEMENT SECTION

SCALE: N.T.S.

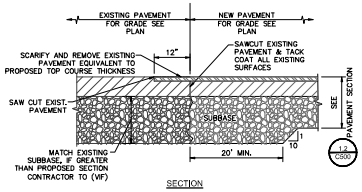


NOTES:

1. TACK COAT WHEN SPECIFIED OR CALLED OUT IN THESE DRAWINGS OR WHEN PAVEMENT COURSES ARE NOT INSTALLED IMMEDIATELY AFTER ONE ANOTHER.
2. REFER TO SPECIFICATION SECTION 321216 FOR PAVEMENT MATERIAL REQUIREMENTS.
3. PAVING PATTERN AND COLOR TO MATCH CAMPUS STANDARD AND EXISTING CONDITION AT WEST ENTRY PLAZA, REFER TO SPECIFICATION SECTION 321223

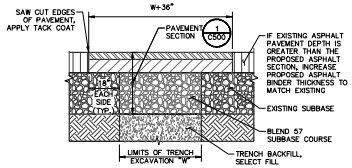
2 ASPHALT SIDEWALK PAVEMENT SECTION

SCALE: N.T.S.



3 PAVEMENT TRANSITION DETAIL

SCALE: N.T.S.

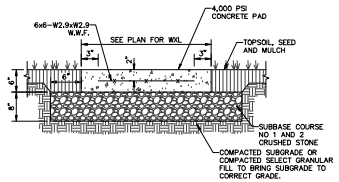


NOTES:

1. SAW CUT AS INDICATED, 18" BEYOND EXCAVATION.
2. FURNISH, PLACE AND COMPACT SURFACE.
3. TACK COAT IN ACCORDANCE WITH NYSDOT STANDARD SPEC.
4. FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT AS SPECIFIED.

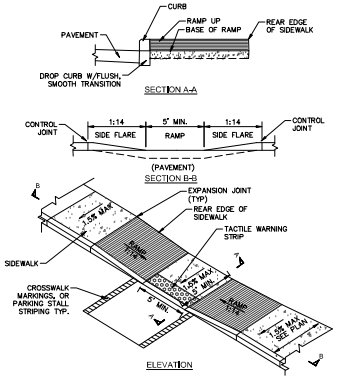
4 TRENCH SURFACE RESTORATION IN ASPHALT PAVEMENT

SCALE: N.T.S.



5 MECHANICAL EQUIPMENT PAD

SCALE: N.T.S.

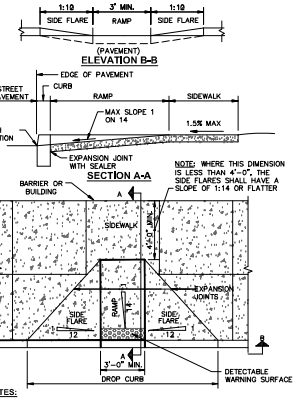


NOTES:

1. ALL WORK SHALL CONFORM WITH THE NYSDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS DATED, JANUARY 1, 2017, AND ALL ADDENDA THERETO; SPECIFICALLY SECTION 608 – SIDEWALKS, DRIVEWAYS, AND BICYCLE PATHS.
2. SLOPE RAMP AND SIDE FLARES AS INDICATED IN THE PLANS OR AS ORDERED BY THE ENGINEER.
3. TACTILE WARNING STRIPS SHALL BE PROVIDED ON ALL RAMPS IN ACCORDANCE WITH ADA REQUIREMENTS.
4. ALL BROOM FINISHES SHALL BE ORIENTED PERPENDICULAR TO TRAFFIC FLOW.

6 PEDESTRIAN RAMP DROP CURB

SCALE:

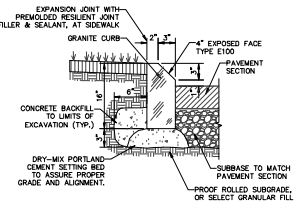


NOTES:

1. SLOPE RAMP AND SIDE FLARES AS INDICATED IN THE PLANS.
2. DETECTABLE WARNING SURFACES SHALL BE PROVIDED ON ALL RAMPS IN ACCORDANCE W/ ADA REQUIREMENTS.

7 PEDESTRIAN RAMP WITH FLARED SLOPES

SCALE: N.T.S.

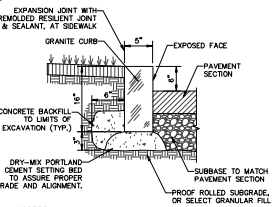


NOTES:

1. GRANITE CURB TO BE INSTALLED IN ACCORDANCE WITH SPECIFICATION SECTION 321640.
2. TYPE E100 CURB SHALL HAVE SAWED, HAMMERED, OR THERMAL FINISHED TOP AND FACE.

11 TYPE "E100" GRANITE CURB

SCALE: N.T.S.

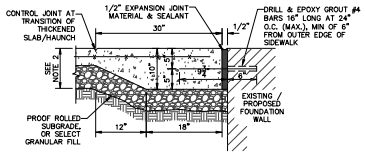


NOTES:

1. GRANITE CURB TO BE INSTALLED IN ACCORDANCE WITH SPECIFICATION SECTION 321640.
2. TYPE B CURB SHALL HAVE SAWED, HAMMERED, OR THERMAL FINISHED TOP AND FACE.

12 TYPE "A" GRANITE CURB

SCALE: N.T.S.

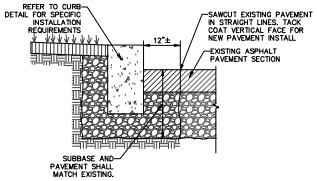


NOTE:

1. THICKENED (HAUNCH) & ADDITIONALLY REINFORCED CONCRETE SIDEWALK ENDS ARE REQUIRED AT ALL EXISTING/PROPOSED BUILDING ENTRANCES.
2. SEE CONCRETE SIDEWALK DETAIL FOR ADDITIONAL DETAILS & NOTES.

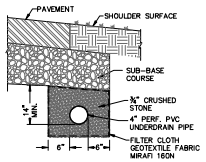
8 CONCRETE SIDEWALK AT BUILDING

SCALE: N.T.S.



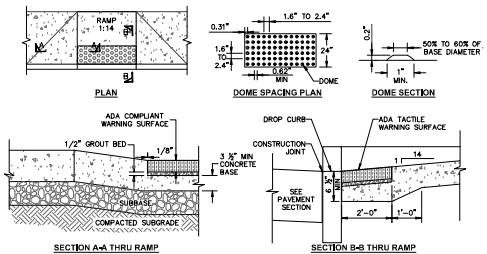
9 CURB INSTALL AT EXISTING PAVEMENT

SCALE: N.T.S.



14 UNDERDRAIN DETAIL

SCALE: N.T.S.

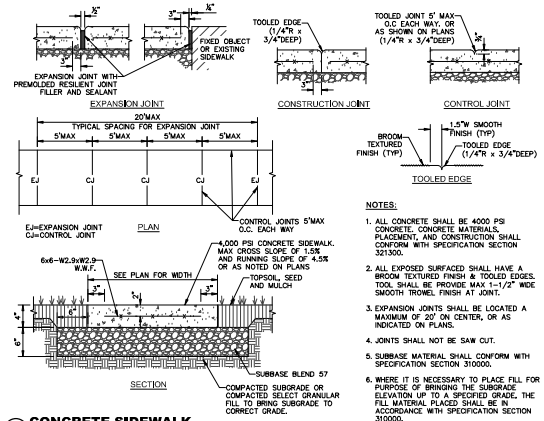


NOTE:

1. TACTILE WARNING STRIP SHALL BE ADA COMPLIANT INCLUDING THAT IT SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES.

10 TACTILE WARNING STRIPS FOR RAMPS

SCALE: N.T.S.



NOTES:

1. ALL CONCRETE SHALL HAVE 4000 PSI CONCRETE, CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SPECIFICATION SECTION 321300.
2. ALL EXPOSED SURFACED SHALL HAVE A BROOM TEXTURED FINISH & TOOLED EDGES. TOOL SHALL BE PROVIDE MAX 1-1/2" WIDE SMOOTH TROWEL FINISH AT JOINT.
3. EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 20' ON CENTER, OR AS INDICATED ON PLANS.
4. JOINTS SHALL NOT BE SAW CUT.
5. SUBBASE MATERIAL SHALL CONFORM WITH SPECIFICATION SECTION 310000.
6. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 310000.

13 CONCRETE SIDEWALK

SCALE: N.T.S.

DASNY
DORMITORY AUTHORITY - STATE OF NEW YORK

Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
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TROY, NY 12180

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase

BID DOCUMENTS

SITE DETAILS

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

C-500

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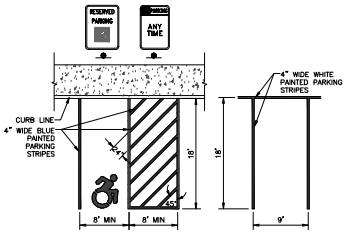
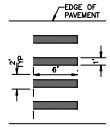


NOTES:

1. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH ADA STANDARD AND CURRENT ZONING AND SITE REGULATIONS.
2. PAINTED HANDICAP SYMBOL TO BE IN ACCORDANCE WITH ADA STANDARDS WITH NEW YORK SUPPLEMENT.
3. SLOPE OF PAVEMENT SURFACE IN HANDICAP PARKING AREA SHALL NOT EXCEED 1.5% IN ANY DIRECTION.
4. SEE PLAN FOR ACTUAL LOCATION OF SIGNAGE.
5. REFER TO SPECIFICATION SECTION 321723 FOR PAVEMENT MARKING REQUIREMENTS.

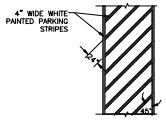
1 PARKING LOT STRIPING
SCALE: N.T.S.



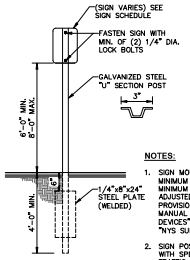
NOTE:

1. STRIPE COLOR: WHITE

2 CROSS WALK
SCALE: SCALE: N.T.S.



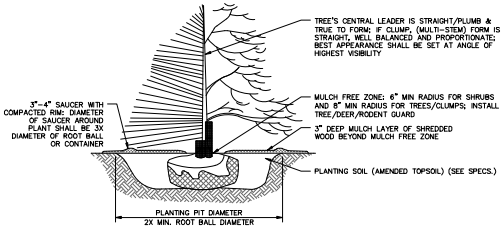
3 FIRE ACCESS HATCHING
SCALE: SCALE: N.T.S.



NOTES:

1. SIGN MOUNTING HEIGHT SHALL BE A MINIMUM OF 5'-0" TO BOTTOM OF SIGN. MINIMUM MOUNTING HEIGHT MAY BE ADJUSTED ONLY IN ACCORDANCE WITH PROVISIONS OUTLINED IN THE "NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" – 2009 EDITION AND THE "NYS SUPPLEMENT."
2. SIGN POST SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 344113 – TRAFFIC SIGNS.

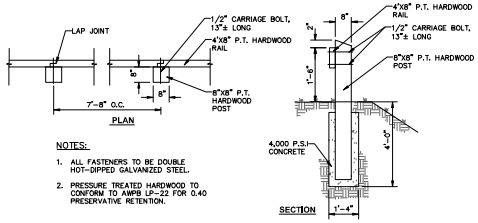
4 DRIVEN SINGLE POST SIGN MOUNTING DETAIL
SCALE: N.T.S.



NOTES:

1. DIG PIT WIDTH TO DIMENSIONS SHOWN.
2. REMOVE STONES 2" AND LARGER FROM EXCAVATED PLANT PIT SOIL AND EXCAVATED PIT AREA.
3. DIG PIT DEPTH SAME AS ROOT BALL OR CONTAINER DEPTH.
4. SET ROOT BALL (REMOVE ROOT BALL FROM CONTAINERS) IN CENTER OF PIT SO TOP OF ROOT BALL WHERE ROOTS FLARE OUT (ROOT FLARE/COLLAR) IS 1–2 INCHES ABOVE FINISH GRADE & VISIBLE (NOT COVERED WITH SOIL); THE REST OF THE REMAINING TOP OF ROOT BALL SHALL BE FLUSH WITH FINISH GRADE & COVERED WITH PLANTING SOIL (TOPSOIL, SEE SPECS).
5. IF PLANT IS A CONTAINER: SLIGHTLY LOOSEN EDGES AROUND ROOT BALLS; IF PLANT IS B&B: CUT OFF ALL WIRE/ROPE ETC. AROUND ROOT BALL & DISPOSE OF PROPERLY; FOLD BACK TOP HALF TO TWO–THIRDS OF ROOT BALL LOOSENING ROOT FIBERS AT EXPOSED EDGES; KEEP REMAINING BOTTOM PORTION OF ROOT BALL IN BURLAP INTACT; APPLY ROOT ENHANCER AND FERTILIZER TO ALL B&B AND CONTAINER TREES, CLUMPS, AND SHRUBS.
6. SET PLANT STRAIGHT & PLUMB FROM ALL ANGLES; MAKE SURE ROOT BALL IS NOT DRY–MOISTEN IF NEEDED; INSTALL AS SPECIFIED; BACKFILL WITH APPROVED TOPSOIL PARTIALLY; CHECK AGAIN TO ASSURE PLANT IS STRAIGHT & PLUMB ADJUSTING AGAIN FOR APPROVAL; FINISH BACKFILL WITH APPROVED TOPSOIL; SMOOTH OUT EXCAVATION AREA AND CREATE 3"–4" HT. SAUCER FOR WATERING ZONE.
7. INSTALL CONSTRUCTION FENCE (SEE SPECS.) TO PROTECT PLANTED AND SEEDED AREAS IMMEDIATELY AFTER INSTALLATION IS APPROVED.

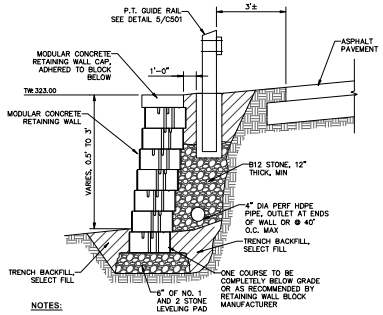
9 TREE PLANTING DETAIL
SCALE: N.T.S.



NOTES:

1. ALL FASTENERS TO BE DOUBLE HOT–DIPPED GALVANIZED STEEL.
2. PRESSURE TREATED HARDWOOD TO CONFORM TO AWPB LP–22 FOR 0.40 PRESERVATIVE RETENTION.

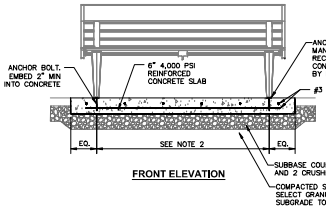
5 GUIDE RAIL
SCALE: N.T.S.



NOTES:

1. REFER TO PLAN FOR PIPE PENETRATION LOCATION
2. SEGMENTAL BLOCK MANUFACTURER TO DESIGN WALL AND PIPE PENETRATION PER SPECIFICATION SECTION 133300.

6 RETAINING WALL
SCALE: N.T.S.

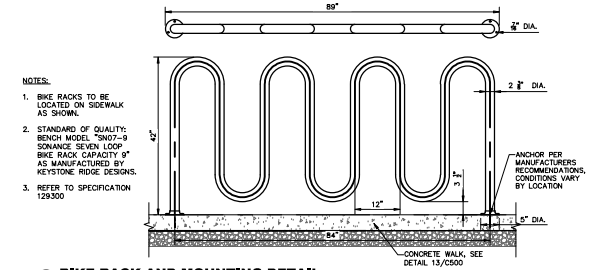


NOTES:

1. BENCH TO BE LOCATED ON SLAB AS SHOWN.
2. STANDARD OF QUALITY: BENCH MODEL "ROBINSON BENCH WITH BACK IN IPE WOOD" AS MANUFACTURED BY KEYSTONE RIDGE DESIGNS. DIMENSION BETWEEN ANCHOR POINTS SHALL BE BASED UPON SIZE OF BENCH.
3. REFER TO SPECIFICATION 129300
4. PAD SHALL HAVE BROOM FINISH.
5. PROVIDE EXPANSION JOINT AT INTERFACE WITH ADJACENT CONCRETE SIDEWALKS.

7 BENCH AND FOUNDATION DETAIL
SCALE: N.T.S.

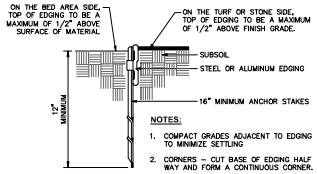
11 MULCH BED
SCALE: N.T.S.



NOTES:

1. BIKE RACKS TO BE LOCATED ON SIDEWALK AS SHOWN.
2. STANDARD OF QUALITY: BENCH MODEL "SN07–9 SONANCE SEVEN LOOP BIKE RACK CAPACITY 9" AS MANUFACTURED BY KEYSTONE RIDGE DESIGNS.
3. REFER TO SPECIFICATION 129300

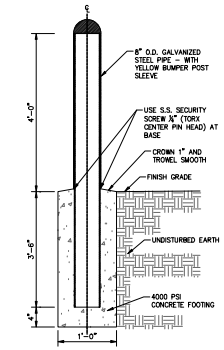
8 BIKE RACK AND MOUNTING DETAIL
SCALE: N.T.S.



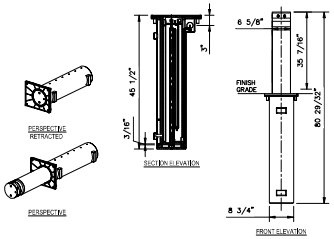
NOTES:

1. COMPACT GRADES ADJACENT TO EDGING TO MINIMIZE SETTLING
2. CORNERS – CUT BASE OF EDGING HALF WAY AND FORM A CONTINUOUS CORNER.

12 METAL LANDSCAPE EDGING
SCALE: N.T.S.



13 STEEL PIPE BOLLARD WITH SLEEVE
SCALE: N.T.S.



14 MANUAL ASSIST BOLLARDS
SCALE: N.T.S.

DASNY

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Project Key

REVISIONS

Description	Date

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase

BID DOCUMENTS

SITE DETAILS

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number: C-501

Scale: AS NOTED

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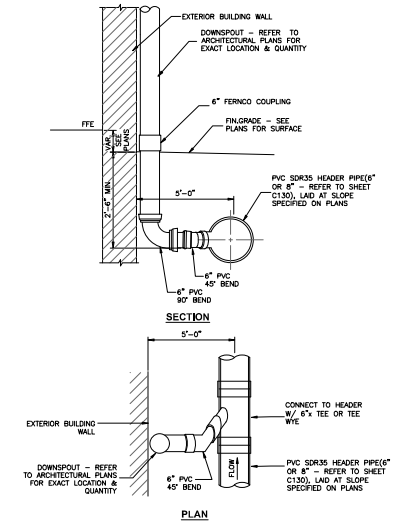
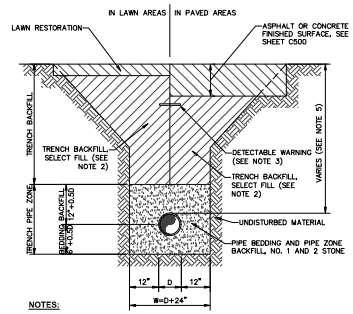


1 BUILDING LEADER ROOF CONNECTION
SCALE: N.T.S.

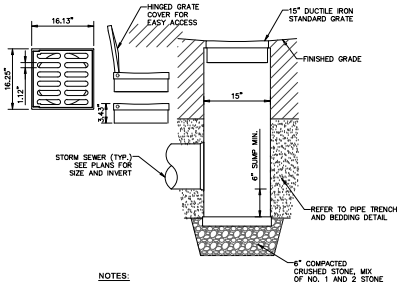


NOTES:

1. D=OUTSIDE PIPE DIAMETER.
2. ON-SITE EXCAVATED TRENCH MATERIAL MAY BE USED FOR TRENCH BACKFILL IF MEETING THE REQUIREMENTS OF SELECT FILL MATERIAL.
3. PLACE DETECTABLE WARNING TAPE 6" BELOW SUBBASE IN PAVED AREAS AND 12" BELOW FINISHED GRADE IN LAWN OR LANDSCAPING AREAS.
4. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.
5. THE MINIMUM DEPTH TO TOP OF UTILITY PIPE SHALL BE:

   WATER: 5'-0"
   STORM SEWER: 2'-0"
6. REFER TO SPECIFICATION SECTION 310000 FOR TRENCH BACKFILL, PIPE BEDDING AND PIPE ZONE BACKFILL GRADATION AND COMPACTION REQUIREMENTS.

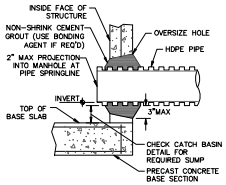
2 PIPE TRENCH AND BEDDING
SCALE: N.T.S.



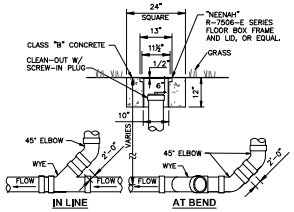
NOTES:

1. CASTINGS RATED STANDARD H20 LOADING.
2. MATERIAL SHALL CONFORM TO ASTM A536 GRADE 70-50-05.
3. PAINT: CASTINGS TO BE FURNISHED WITH A BLACK PAINT.
4. DRAIN BASIN BY NYLOPLAST OR APPROVED EQUIVALENT.
5. DRAIN AREA = 92.70 SQ. INCH.

3 15" YARD DRAIN
SCALE: N.T.S.



4 PIPE CONNECTION TO DRAINAGE STRUCT. - HDPE CEMENT GROUT SEAL JOINT
SCALE: N.T.S.

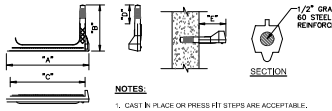


NOTES:

1. SEWER PIPE FITTINGS TO BE ASTM D-3033 OR D-3034 SDR-35.
2. TO BE USED FOR BOTH SANITARY SEWER AS WELL AS THE STORM ROOF DRAINAGE SYSTEM.

5 CLEAN OUT FOR NON-TRAFFIC AREAS
SCALE: N.T.S.

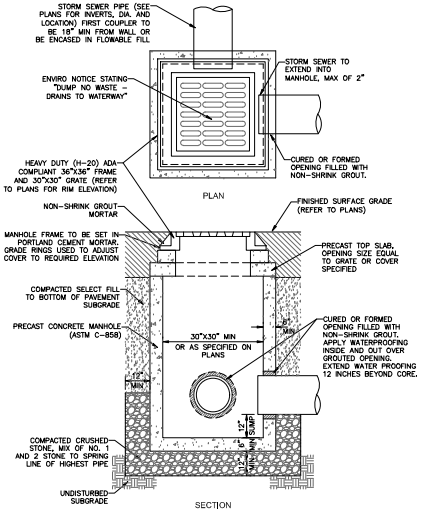
ACCEPTABLE MANHOLE STEPS						
MANUFACTURER	PATTERN NUMBER	"A" STEP WIDTH	"B" LEG LENGTH	"C" RUNG CLEAR	"D" EMBEDMENT	"E" RUNG CLEAR
M.A. INDUSTRIES, INC.*	PS2-PF	15-7/16"	9-3/8"	14"	3-3/8"	6"
M.A. INDUSTRIES, INC.*	PS2-PFS	15 -7/16"	8-1/2"	14"	3-3/8"	5-1/8"



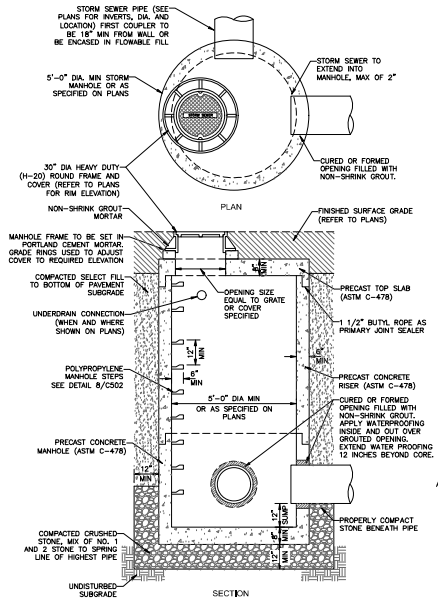
NOTES:

1. CAST IN PLACE OR PRESS FIT STEPS ARE ACCEPTABLE.
2. MANHOLE STEP DESIGN AND INSTALLATION SHALL COMPLY WITH ALL OSHA REGULATIONS.

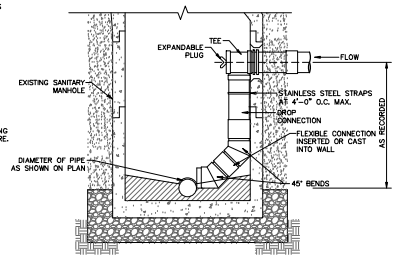
8 COPOLYMER POLYPROPYLENE MANHOLE STEP
SCALE: N.T.S.



6 STORM CATCH BASIN (SQUARE) - PRECAST
SCALE: N.T.S.



7 STORM SEWER MANHOLE
SCALE: N.T.S.



9 INTERIOR PIPE DROP IN EXISTING MANHOLE
SCALE: N.T.S.

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase

BID DOCUMENTS

SEWER SYSTEM DETAILS

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

C-502

Scale: AS NOTED

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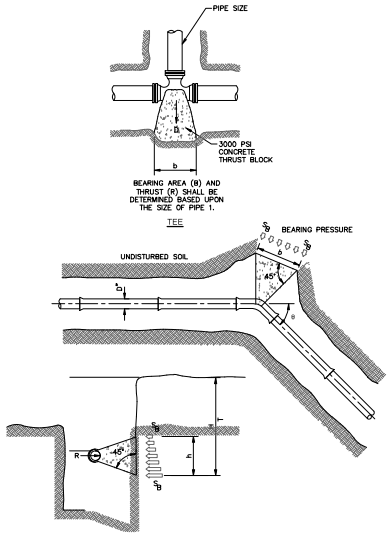


NOTES:

1. THRUST BLOCKS SHALL ONLY BE USED FOR TEES. ALL OTHER FIELD BENDS SHALL USE FIELD LOCKING GASKETS TO PROVIDE THRUST RESTRAINT.
2. CONCRETE SHALL NOT TO OVERLAP ANY JOINT.
3. THRUST BLOCKS SHALL BE CONFIGURED IN A MANNER THAT DOES NOT INTERFERE WITH REMOVAL OR INSTALLATION OF ANY JOINTING COMPONENTS.
4. FOR REDUCERS, USE MECHANICAL JOINT FITTINGS WITH RETAINER GLANDS.
5. BEARING SURFACE SHALL, WHERE POSSIBLE, BE PLACED AGAINST UNDISTURBED SOIL. WHERE THAT IS NOT POSSIBLE, THE FILL BETWEEN THE BEARING SURFACE AND UNDISTURBED SOIL MUST BE COMPACTED TO AT LEAST 90% STANDARD PROCTOR DENSITY.
6. BLOCK HEIGHT (h) SHALL BE EQUAL TO OR LESS THAN ONE-HALF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK, (HT), BUT NOT LESS THAN THE PIPE DIAMETER (D).
7. BLOCK HEIGHT (h) SHALL BE ESTABLISHED SUCH THAT THE CALCULATED BLOCK WIDTH (b) VARIES BETWEEN ONE AND TWO TIMES THE HEIGHT.
8. VALUES FOR TEES APPLY TO TEES, END PLUGS, CAPS, AND TAPPING SLEEVES.

BEARING STRENGTH	SOIL	S (LB/SQ FT)
	MUCK	0
	SOFT CLAY	1,000
	SILT	1,500
	SANDY SILT	3,000
	SAND	4,000
	SANDY CLAY	6,000
	HARD CLAY	9,000

9. REQUIRED BEARING AREAS ARE DEVELOPED TO RESIST THRUSTS RESULTING FROM 150 PSI WORKING PRESSURE PLUS 50%(75 PSI) SURGE ALLOWANCE RESULTING IN 225 PSI TOTAL INTERNAL PRESSURE. REQUIRED BEARING AREAS ARE BASED UPON AN ALLOWABLE SOIL BEARING CAPACITY OF 3,000 POUNDS PER SQUARE FOOT. IN RESPONSE TO OTHER SOIL CONDITIONS ENCOUNTERED, BEARING AREAS REQUIRED MAY BE MODIFIED BY THE ENGINEER.IN MUCK, PEAT, OR RECENTLY PLACED FILL, ALL THRUSTS SHALL BE RESISTED BY PILES OR TIE RODS TO SOLID FOUNDATIONS, OR BY REMOVAL OF SUCH UNSTABLE MATERIAL AND REPLACEMENT WITH BALLAST OF SUFFICIENT STABILITY TO RESIST THE THRUSTS; ALL AS REQUIRED BY THE ENGINEER.
10. CONCRETE THRUST BLOCK SHALL BE USED ONLY AS ALLOWED BY THE PROJECT PLANS AND/OR SPECIFICATION. (IF RESTRAINED JOINT PIPE IS TO BE USED SEE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION REQUIREMENTS.)

REQUIRED BEARING AREAS -b (SQ. FT.) FOR BEARING BLOCKS*

PIPE SIZE (INCHES)	TEE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
6	4.2	5.9	3.2	1.6	0.8

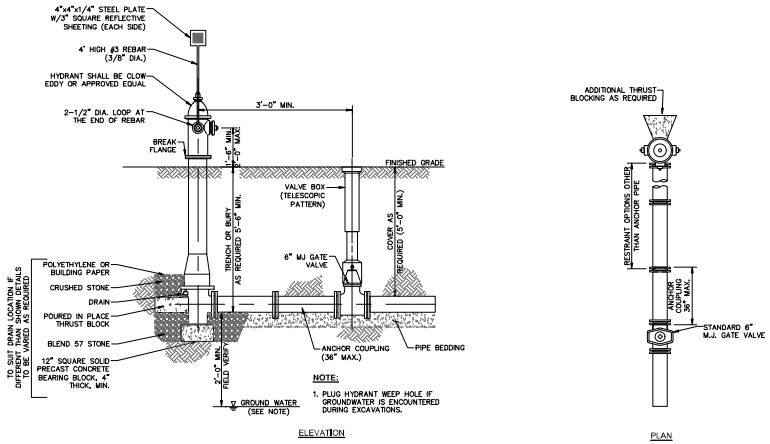
*FACTOR OF SAFETY=1.5
SOIL BEARING OF 3,000 PSF
225 PSI DESIGN PRESSURE

*BEARING AREA (B) = bxh

THRUST REACTIONS-R(LB) PER 100PSI INTERNAL PRESSURE

NOM. PIPE DIA (IN)	DEAD END	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
6	3,739	5,288	2,862	1,459	733

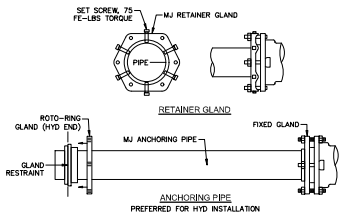
1 THRUST BLOCK
SCALE: N.T.S.



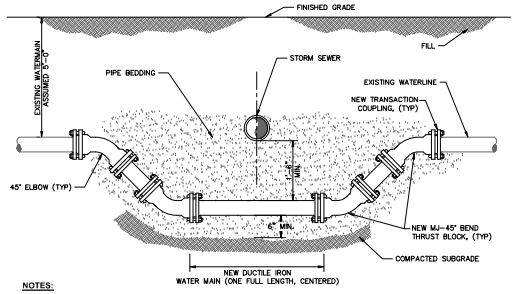
NOTE:

1. PLUG HYDRANT WEEP HOLE IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATIONS.

2 TYPICAL HYDRANT INSTALLATION
SCALE: N.T.S.



3 THRUST RESTRAINT OPTIONS
SCALE: N.T.S.



NOTES:

1. WHEN THE ELEVATION OF THE STORM SEWER CANNOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE EXISTING WATER MAIN SHALL BE RELOCATED TO PROVIDE 1'-6" REQUIRED MIN. SEPARATION.
2. WHEN IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS INDICATED ABOVE, BOTH THE WATER MAIN AND THE STORM SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT DUCTILE IRON PIPE OR PVC WATER WORKS GRADE PRESSURE PIPE FOR 10' EACH SIDE OF CROSSING AND SHALL BE PRESSURE TESTED TO 150 PSI TO ASSURE WATER TIGHTNESS.

**TO BE USED ONLY IF FIELD CONDITIONS WARRANT

4 WATER MAIN OFFSET
SCALE: N.T.S.

DASNY

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Project Key

REVISIONS

Description	Date

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase
BID DOCUMENTS

WATER SYSTEM DETAILS

Drawn By: TEW | Checked By: SNM | Date: 8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number: C-503

Scale: AS NOTED

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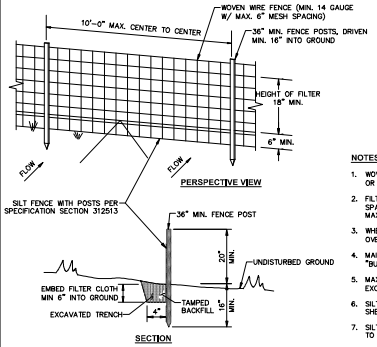
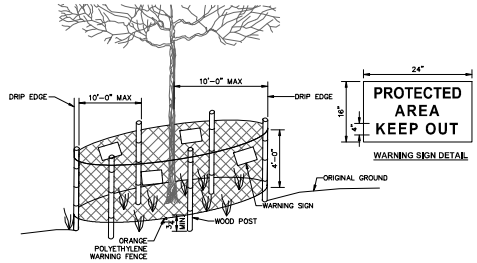


NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAX. MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED 1/4 ACRE PER 100 FEET OF FENCE.
6. SILT FENCE SHALL BE USED WHERE EROSION COULD OCCUR IN THE FORM OF SHEET EROSION.
7. SILT FENCE SHALL NOT BE USED WHEN A CONCENTRATION OF WATER IS FLOWING TO THE BARRIER.

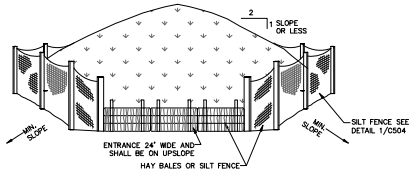
1 SILT FENCE INSTALLATION DETAIL

SCALE: N.T.S.



2 VEGETATION PROTECTION FENCE DETAIL

SCALE: N.T.S.

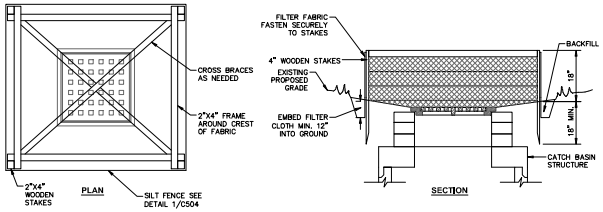


NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2 HORIZ ON 1 VERT.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES, THEN STABILIZED WITH VEGETATION OR COVERED.

3 TEMPORARY SOIL STOCKPILE

SCALE: NTS

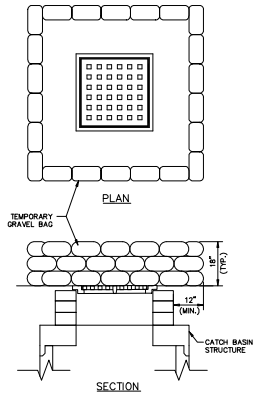


NOTES:

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
2. CUT FABRIC FROM CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED, OVERLAP TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT, WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE MINIMUM 18" DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVERFLOW STABILITY.
7. MAXIMUM DRAINAGE AREA IS 1 ACRE.
8. INLET PROTECTION SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN STABILIZED.

4 TEMPORARY OUT-OF-PAVEMENT SILT FENCE INSTALLATION DETAIL

SCALE: N.T.S.

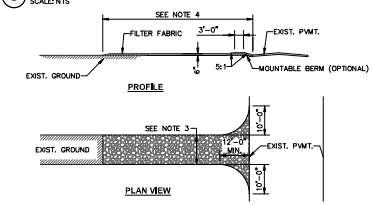


NOTES:

1. GRAVEL BAGS SHALL BE INDIVIDUALLY TIED, DOUBLE BAGGED AND INVERSELY INSERTED. GRAVEL BAGS SHALL LAP THE JOINTS BETWEEN THE BAGS IN THE LAYER BELOW. COST OF EXCAVATION FOR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEM.
2. MEASURES SHALL BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
3. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
4. MAXIMUM DRAINAGE AREA FOR DRAINAGE STRUCTURE INLET PROTECTION IS 1-ACRE.

5 IN-PAVEMENT TEMPORARY CATCH BASIN GRATE INLET FILTER

SCALE: NTS

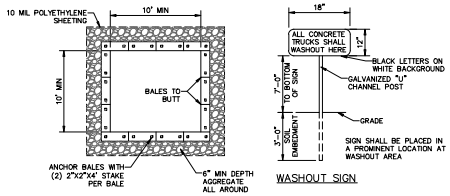


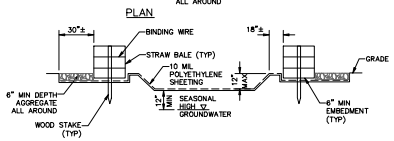
CONSTRUCTION ENTRANCE SPECIFICATIONS:

1. STONE SIZE – USE MIN 3" STONE, MAX 6" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. THICKNESS – NOT LESS THAN SIX (6) INCHES.
3. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY FOUR (24) FEET IF SINGLE ENTRANCE TO SITE.
4. LENGTH – NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A THIRTY (30) FOOT MINIMUM LENGTH WOULD APPLY).
5. FILTER FABRIC – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

6 STABILIZED CONSTRUCTION ENTRANCE DETAIL

SCALE: N.T.S.





NOTES:

1. CONTAINMENT MUST BE STRUCTURALLY SOUND, LEAK FREE AND CONTAIN ALL LIQUID WASTES.
2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTE GENERATED.
3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL.
4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
6. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

MAINTENANCE:

1. ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGE OR LEAKING FACILITIES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE SHALL BE PUMPED TO A STABILIZED AREA, SUCH AS A GRASS STRIP.
2. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
3. DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION / DEMOLITION LANDFILL.
4. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
5. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.

7 CONCRETE WASHOUT AREA

SCALE: NTS

DASNY

Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase

BID DOCUMENTS

EROSION CONTROL DETAILS

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number C-504

Scale: AS NOTED

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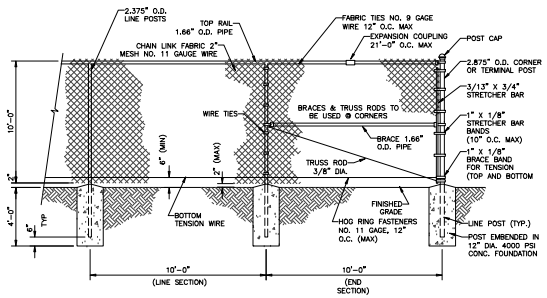
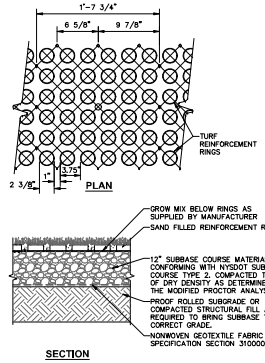


NOTES:

1. PROVIDE BRACE & TRUSS RODS AT ALL CORNERS AND FENCE SECTIONS ADJACENT TO GATES.
2. FENCING TO BE PVC BLACK PLASTIC FINISH, FUSION BONDED TO GALVANIZED METAL.

1 CHAIN LINK FENCE

SCALE: N.T.S.

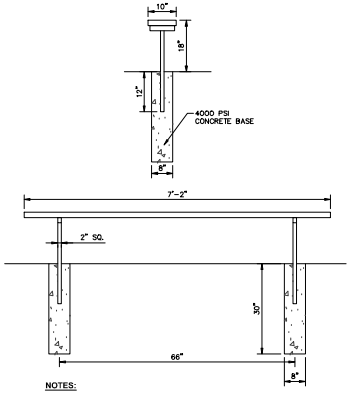


NOTES:

1. BASIS OF DESIGN: TRUEGRID PRO PLUS PAVERS WWW.TRUEGRIDPAVER.COM OR APPROVED EQUAL.
2. SPECIFICATIONS:
   A. UNIT SIZE 24"X24"X1.8"
   B. UNIT WEIGHT 4.5 LBS
   C. COLOR: PER OWNER'S SELECTION
   D. RESIN: HDPE
3. PARKING DELINEATOR BOD: TRUEGRID SUPERSPOT

2 GRASS PAVER DETAILS

SCALE: N.T.S.

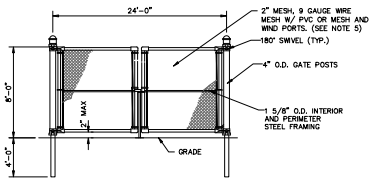


NOTES:

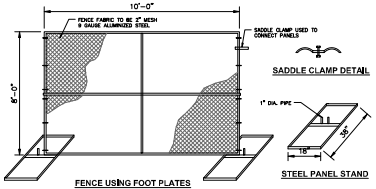
1. BISON FIXED PLAYER BENCH OR APPROVED EQUAL PER SPECIFICATIONS SECTION 129300

7 ALUMINUM BENCH

SCALE: N.T.S.



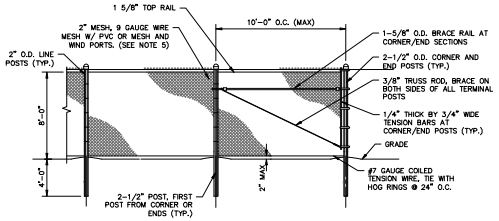
CONSTRUCTION GATE



SADDLE CLAMP DETAIL

FENCE USING FOOT PLATES

STEEL PANEL STAND



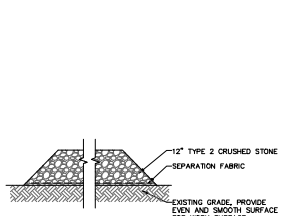
CONSTRUCTION FENCE

NOTES:

1. TEMPORARY POSTS TO BE PNEUMATICALLY DRIVEN TO DEPTH SHOWN. CONTRACTOR TO CORE DRILL EXISTING ASPHALT OR CONCRETE SURFACES PRIOR TO INSTALLING POSTS.
2. IF ROCK IS ENCOUNTERED BEFORE DRIVEN DEPTH SHOWN, SECURE POST IN 12" DIAMETER CONCRETE FOOTING.
3. REMOVE FENCE AND RESTORE LAWN, ASPHALT OR CONCRETE SURFACES TO PRE-CONSTRUCTION CONDITIONS AT COMPLETION OF CONTRACT.
4. ALL COMPONENTS TO BE GALVANIZED STEEL.
5. PROVIDE 8'-0" HIGH MESH SCREENING ALONG ENTIRE LENGTH OF TEMPORARY CONSTRUCTION FENCE. PROVIDE 12"X24" CUTOUTS, 4' ABOVE GRADE TO BOTTOM OF CUTOUT, CENTERED BETWEEN EACH LINE POST.
6. 3"X3" SQUARE FENCE POST PLATES TO BE PROVIDED ONLY AT LOCATIONS SHOWN ON PLANS OR WITH PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE. PROVIDE BALLASTS FOR PLATES BASED UPON PREVAILING CONDITIONS OF THE SITE.
7. REFER TO SPECIFICATION 015000 FOR ADDITIONAL TEMPORARY FENCING REQUIREMENTS.
8. BLUE AND ORANGE PRIVACY SCREENING PER SPECIFICATION SECTION 015000 TO BE INSTALLED ON CONSTRUCTION FENCE. NO PRIVACY SCREENING IS TO BE PROVIDED ON THE CONSTRUCTION GATES.
9. BALLASTS TO BE ADDED TO FOOT PLATES AS REQUIRED OR AS DIRECTED BY OWNER.
10. REUSE OF EXISTING FENCE MATERIALS FOR THE CONSTRUCTION FENCE IS ACCEPTABLE UPON APPROVAL OF THE ENGINEER.
11. PRIVACY MESH SHALL BE PROVIDED ON THE EXISTING BASKETBALL COURT FENCING TO REMAIN AT COMPLETION OF PROJECT.

3 TEMPORARY CONSTRUCTION FENCE AND GATE

SCALE: N.T.S.

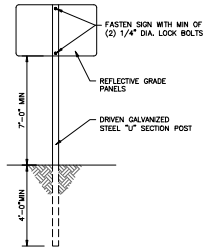


NOTE:

1. UPON COMPLETION OF PROJECT, REMOVE STONE AND FABRIC AND DE-COMPACT AND AERATE SOIL. TOILSOIL, SEED, AND MULCH ALL DISTURBED AREAS.

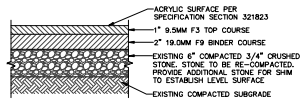
4 CONSTRUCTION STAGING AREA SURFACE

SCALE: N.T.S.



5 CONSTRUCTION SIGNAGE MOUNTING

SCALE: N.T.S.

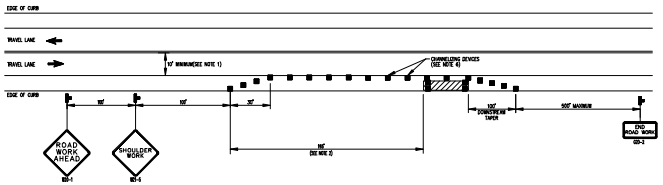


NOTES:

1. TACK COAT TO BE PROVIDED BETWEEN ALL ASPHALT COURSES.
2. REFER TO SPECIFICATION SECTION 321216 FOR PAVEMENT MATERIAL REQUIREMENTS.

8 BASKETBALL COURT RESURFACING SECTION

SCALE: N.T.S.

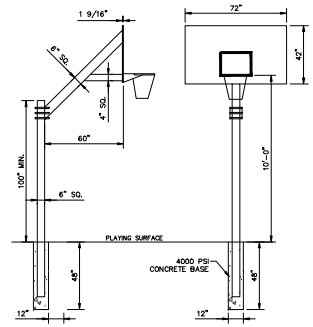


NOTES:

1. WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.
2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
3. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES; A SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).
4. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
5. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.
6. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.

6 SHOULDER CLOSURE SHORT OR INTERMEDIATE TERM STATIONARY2-LANE 2-WAY ROADWAY

SCALE: N.T.S. [SOURCE: NYSDOT STANDARD SHEET 619-20]



NOTES:

1. BISON STEEL ULTIMATE PLAYGROUND BASKETBALL SYSTEM OR APPROVED EQUAL PER SPECIFICATIONS SECTION 129300

9 BASKETBALL HOOP ASSEMBLY DETAIL

SCALE: N.T.S.

DASNY

Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
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Project Key

REVISIONS

Description	Date

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION & UPPER FLOOR ADDITION

Phase

BID DOCUMENTS

MISC. DETAILS

Drawn By:	Checked By:	Date:
TEW	SNM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

C-505

Scale: AS NOTED

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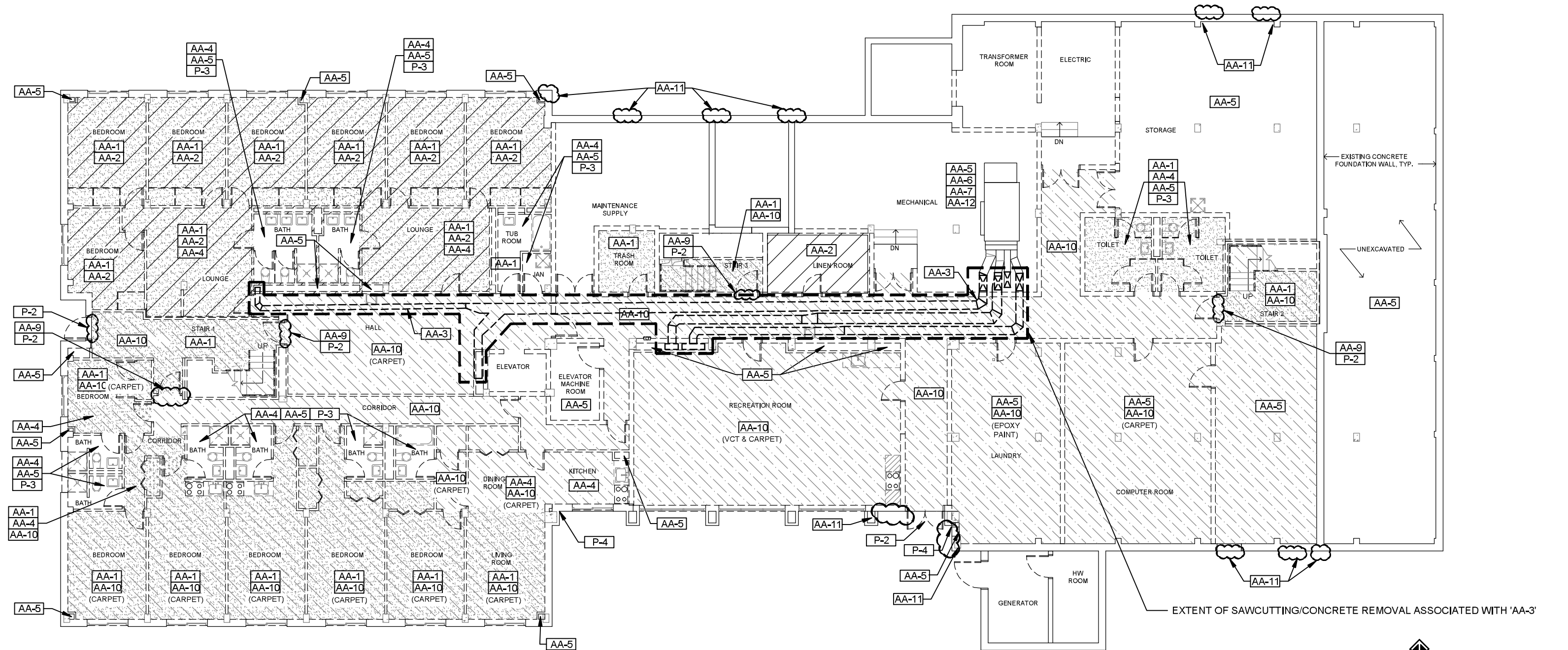

F1 HM100 **BASEMENT PLAN**

SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

B. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AT THE SITE PRIOR TO BIDDING.

C. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

D. THE LOCATION OF ANY SITE STORAGE OF MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

E. CONTRACTOR IS RESPONSIBLE FOR ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.

F. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDING AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR SECURITY.

G. CONTRACTOR SHALL CONTINUOUSLY MONITOR FOR LEAKAGE OF WATER AND/OR MASTIC REMOVER SOLVENT ON FLOORS BELOW THE WORK AREA. CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEANUP OF ANY AREAS AFFECTED BY WATER/SOLVENT LEAKAGE FROM THE WORK AREAS AND REPAIR OF RESULTING DAMAGE.

H. CONTRACTOR RESPONSIBLE FOR PROVIDING TOOLS/EQUIPMENT/LABOR/ETC. REQUIRED TO GAIN ACCESS TO ALL MATERIALS SCHEDULED FOR REMOVAL, INCLUDING ALL EXCAVATION WORK FOR BURIED MATERIALS, AND LIFTS/LADDERS/SCAFFOLDING/ETC. FOR ELEVATED MATERIALS.

I. ADDITIONAL HAZARDOUS AND UNIVERSAL WASTES ARE PRESENT IN THE BUILDING AND ARE NOT DEPICTED ON THE HM SERIES DRAWINGS. REFER TO SPECIFICATIONS 028600 AND 028700 RESPECTIVELY FOR HANDLING AND DISPOSAL CONSIDERATIONS REGARDING THESE MATERIALS.

J. ALL WASTE STREAMS (ASBESTOS/ PCBs/ HAZARDOUS/ UNIVERSAL/ C&D DEBRIS, ETC.) GENERATED DURING THIS PROJECT SHALL BE PROPERLY SEGREGATED AND STORED IN SEPARATE DISTINCT AREAS. WASTES SHALL NOT BE COMMINGLED.

ASBESTOS ABATEMENT NOTES

AA-1 ACOUSTICAL CEILING TEXTURE (ACT) - REMOVE AND DISPOSE OF SPRAYED-ON ACT APPLIED TO CONCRETE DECKS AND ALL ASSOCIATED OVERSPRAY THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 29,000 SF) TO THE BARE CONCRETE SUBSTRATE. MATERIAL IS PRESENT ABOVE BUILT-IN CLOSETS, BEHIND TRIM PIECES, AND BEHIND CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES THROUGHOUT THE RESIDENCE SUITE LOUNGES. DISCONNECT, REMOVE, AND DISPOSE OF ALL CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES AS ACM FROM CEILINGS WHERE SPRAY-ON HAS BEEN APPLIED. OVERSPRAY IN RECESSED LIGHT FIXTURES AND JUNCTION BOXES SHALL ALSO BE REMOVED. CLEANABLE OBJECTS SUCH AS THE BEDROOM WARDROBE CLOSETS MAY BE REMOVED AND DISPOSED OF AS C&D DEBRIS PRIOR TO THE INITIATION OF GROSS REMOVAL ACTIVITIES, HOWEVER, THE WORK AREAS/CONTAINMENTS MUST BE CONSTRUCTED AND OPERATIONAL IN ORDER FOR THE WARDROBE CLOSETS TO BE CLEANED, INSPECTED BY PROJECT MONITOR FOR CLEANLINESS, AND REMOVED AS C&D DEBRIS.

AA-2 VINYL ASBESTOS TILE (VAT) AND MASTIC - REMOVE AND DISPOSE OF VAT AND ASBESTOS-CONTAINING MASTIC FROM THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 27,300 SF). REMOVE ALL FLOORING MATERIALS DOWN TO THE BARE SUBSTRATE SO THAT THE BARE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASE FROM THROUGHOUT THE REGULATED WORK AREAS UNDER CONTAINMENT PRIOR TO FLOOR TILE ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-3 BURIED TRANSITE DUCT - REMOVE AND DISPOSE OF TRANSITE PIPE (DUCT) BENEATH CONCRETE FLOOR SLAB, AS INDICATED (APPROXIMATELY 215 LF TOTAL). THE TOP OF THE DUCTS ARE BURIED UP TO 4" BENEATH THE FLOOR SLAB, AND RANGE IN SIZE UP TO 18" DIAMETER. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF CONCRETE FLOOR SLAB TO ACCESS UNDERLYING TRANSITE DUCTS. CONCRETE DEMOLITION SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CONCRETE HAS NOT BEEN CONTAMINATED BY THE TRANSITE PIPE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS, OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S).

AA-4 INCANDESCENT LIGHT FIXTURE WIRE INSULATION - REMOVE AND DISPOSE OF WIRING WITH ASBESTOS-CONTAINING INSULATION ON INCANDESCENT LIGHT FIXTURES AND IN RECESSED LIGHT FIXTURE BOXES CURRENTLY COVERED WITH BLANK COVER PLATES THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 110 FIXTURES, 1,100 LF, 36 SF). THE INSULATION ON THE "WHIP" WIRING CONNECTING THE LIGHT FIXTURE TO THE JUNCTION BOX IS ASBESTOS-CONTAINING. ENTIRE LIGHT FIXTURE AND ACM WIRING BACK TO THE JUNCTION BOX SHALL BE REMOVED AND DISPOSED OF AS ACM. INCANDESCENT LIGHT FIXTURE JUNCTION BOXES MAY ALSO CONTAIN OVERSPRAY (REFER TO NOTE 'AA-1').

AA-5 MUD PIPE FITTING INSULATION - REMOVE AND DISPOSE OF MUD FITTING INSULATION AND MUD PACKED INTO FIBERGLASS INSULATED PIPING, INCLUDING FITTINGS ABOVE HARD PLASTER AND SUSPENDED CEILING SYSTEMS, FITTINGS BEHIND WALLS AND FITTINGS WITHIN PIPE CHASES THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 1,000 PIPE FITTINGS/1,000 LF). ALTHOUGH APPROXIMATE PIPE FITTING LOCATIONS ARE DEPICTED WITH KEYNOTE AA-5, CONTRACTOR SHALL NOT ASSUME ALL PIPE FITTING LOCATIONS HAVE BEEN IDENTIFIED ON THE DRAWINGS WITH KEYNOTE AA-5, AND REMAINS RESPONSIBLE FOR INVESTIGATING THE POTENTIAL PRESENCE AND REMOVAL OF ALL MUD PIPE FITTING INSULATION WITHIN ROOMS, CHASES, WALLS, ETC., THAT MAY BE IMPACTED BY PROJECT ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL WALLS, CEILING SYSTEMS, AND ANCILLARY EQUIPMENT NECESSARY TO ACCESS FITTINGS. CONTAINMENT/REGULATED WORK AREAS MUST BE SET-UP AND OPERATIONAL PRIOR TO CEILING, CHASE, WALL, ETC. DEMOLITION. CONTRACTOR SHALL ALSO ASSUME SOME FITTINGS HAVE DETERIORATED AND ASBESTOS-CONTAMINATED DEBRIS WILL EXIST WITHIN PIPE CHASES, BEHIND WALLS, AND ABOVE CEILINGS, AND PLAN THEIR DEMOLITION AND REMOVAL ACTIVITIES ACCORDINGLY, INCLUDING REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAMINATED DEBRIS ENCOUNTERED WITHIN THESE ENCLOSED SPACES. CONTRACTOR SHALL REMOVE AS ACM ALL FIBERGLASS INSULATION (PIPE, DUCT, BATT, ETC.) ENCOUNTERED WITHIN ALL REGULATED WORK AREAS. CONTRACTOR SHALL REFERENCE MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DETAIL REGARDING PIPE FITTING LOCATIONS.

AA-6 PIN MASTIC - REMOVE AND DISPOSE OF PIN MASTIC AND FIBERGLASS PAD DUCT INSULATION WITH ASBESTOS-CONTAINING PIN MASTIC (APPROXIMATELY 200 SF). ALL INSULATION AND PIN MASTIC SHALL BE COMPLETELY REMOVED FROM THE DUCTWORK AND DISPOSED AS ACM.

AA-7 HOT WATER TANK INSULATION - REMOVE AND DISPOSE OF INSULATION ON HOT WATER TANK IN BASEMENT MECHANICAL ROOM, AS INDICATED (APPROXIMATELY 300 SF). HOT WATER TANK MEASURES APPROXIMATELY 7 FEET DIAMETER BY 10 FEET LONG.

AA-8 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF INTERIOR METAL-FRAMED FIXED WINDOW UNITS WITH ASBESTOS-CONTAINING WINDOW GLAZING COMPOUND AS INDICATED (APPROXIMATELY 500 LF, 10.42 SF). THE WINDOW GLAZING COMPOUND ALSO CONTAINS PCBS. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF THE ENTIRE METAL FRAME (WITH GLASS IN-TACT) AS A PCB BULK PRODUCT WASTE AS DESCRIBED IN PCB REMOVAL NOTE P-1.

AA-9 WOODEN FIRE DOORS - REMOVE AND DISPOSE OF WOODEN FIRE DOORS WITH ASBESTOS-CONTAINING CORE, AS INDICATED (APPROXIMATELY 13 DOORS, 273 SF).

AA-10 RESIDUAL FLOOR TILE MASTIC - REMOVE AND DISPOSE OF VINYL COMPOSITE TILE (VCT), CARPET, VINYL STAIR TREADS, AND/OR EPOXY PAINT AND UNDERLYING ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC FROM THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 10,000 SF) AS ASBESTOS. ALSO REMOVE MINIMUM 1/8" MAPEI THINSET MORTAR BETWEEN EXISTING FLOOR COVERING AND ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC BELOW. ASSUME DEFAULT FLOOR COVERING IS VCT. OTHER SPECIFIC TYPES OF FLOOR COVERING IN EACH ROOM IS INDICATED ON THE DRAWING NEXT TO THE KEYNOTE (CARPET/EPOXY PAINT). CARPET REMOVAL SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CARPET HAS NOT BEEN CONTAMINATED BY FLOOR TILES OR MASTIC ADHERING TO THE UNDERSIDE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS, OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S). REMOVE ALL FLOORING MATERIALS DOWN TO THE SUBSTRATE SO THAT THE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASEBOARD THROUGHOUT THE AREAS PRIOR TO FLOORING MATERIAL ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-11 FOUNDATION VAPOR BARRIER - REMOVE BELOW GRADE FOUNDATION WALL ASBESTOS-CONTAINING VAPOR BARRIER AT THE LOCATIONS INDICATED TO FACILITATE INSTALLATION OF UNDERGROUND UTILITY CONNECTIONS, AND TIE-INS FOR NEW FOUNDATION WALLS/FOOTERS (APPROXIMATELY 300 SF, TOTAL). THE EXACT LOCATION/LIMIT OF REMOVAL TO BE DEMARCATED BY THE GC TO ENSURE PROPER ABATEMENT. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION REQUIRED TO ACCESS AND REMOVE FOUNDATION VAPOR BARRIER.

AA-12 PIPE FLANGE GASKETS - REMOVE AND DISPOSE OF PRESUMED ASBESTOS-CONTAINING PIPE FLANGE GASKETS IN MECHANICAL ROOM (APPROXIMATELY 18 GASKETS, 9 SF). PIPING IS SCHEDULED FOR DEMOLITION, AND CONTRACTOR MAY ELECT TO REMOVE SECTIONS OF PIPING/FLANGES IN LIEU OF DISASSEMBLY OF FLANGES. PIPING AND PIPE FLANGE GASKETS REQUIRING REMOVAL TO BE DEMARCATED BY THE MECHANICAL CONTRACTOR.

GENERAL PCB REMEDIATION NOTES

1. FOR EXTERIOR REMOVAL OF PCB CAULK, THE CONTRACTOR SHALL PLACE A SIX (6) MIL FIRE RETARDANT POLYETHYLENE DROP CLOTH ON THE HORIZONTAL WORK SURFACE AND ON THE GROUND OR ROOF BELOW THE WORK AREA TO PREVENT THE SPREAD OF PCB CAULK DEBRIS. THE DROP CLOTH SHALL BE A MINIMUM OF TEN (10) FEET WIDE AT GROUND LEVEL WITH AN ADDITIONAL TEN (10) FEET OF WIDTH PER FLOOR ABOVE GROUND OR ROOF LEVEL WHERE REMOVAL WORK WILL TAKE PLACE, UP TO A MAXIMUM OF THIRTY (30) FEET OF WIDTH MEASURED PERPENDICULAR TO THE BUILDING. IN ADDITION, IF A STRAIGHT SCAFFOLD, MAN-LIFT, SWING SCAFFOLDING OR SIMILAR EQUIPMENT IS USED FOR AREAS ABOVE THE GROUND LEVEL, THE LIFT/SCAFFOLDING UNIT SHALL BE PLASTICIZED WITH TWO (2) LAYERS OF SIX (6) MIL FIRE RETARDANT POLYETHYLENE SHEETING ON THE HORIZONTAL WORK SURFACE, WITH THE PLASTIC SHEETING EXTENDED VERTICALLY TO WAIST-HIGH (AS SO EQUIPPED) GUARDRAIL SIDES AND BACK OF THE LIFT UNIT. WHILE THE PLATFORM/LIFT WALKING SURFACES MUST BE PLASTICIZED, THE CONTRACTOR MUST PROVIDE PROPER TRACTION SURFACES OR EQUIPMENT TO ASSURE THE SAFETY AND COMFORT OF ABATEMENT WORKERS WHILE PERFORMING ABATEMENT ACTIVITIES ON THE LIFT/SCAFFOLD EQUIPMENT. AFTER PCBS ARE REMOVED FROM EACH WORK LOCATION, THE PLATFORM AND PLASTICIZED SURFACES TOWARD THE BUILDING SHALL BE WET WIPED AND CLEANED BEFORE REUSE. THE PLASTICIZING ON THE LIFT OR SCAFFOLD SHALL BE PERIODICALLY INSPECTED DURING USE AND REPAIRED AS NEEDED.

2. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL PCB-CONTAINING CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK AS PCB BULK PRODUCT WASTE. REMOVAL AND DISPOSAL WILL OCCUR IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. MATERIALS MUST BE TRANSPORTED TO A FACILITY THAT ACCEPTS TSCA PCB WASTES. THE OWNER SHALL SUPPLY AN EPA GENERATOR IDENTIFICATION NUMBER TO THE CONTRACTOR.

3. NEW YORK STATE REGULATES PCB BULK PRODUCT WASTE AS A RCRA HAZARDOUS WASTE AND ALL HAZARDOUS WASTE REGULATIONS APPLY. PROOF OF PROPER DISPOSAL MUST BE PROVIDED TO THE OWNER.

4. REFER TO SPECIFICATION SECTION 028400 FOR PROPER PCB CLEANING/HANDLING PROCEDURES.

5. ALL SPALLING CONCRETE, BRICK AND/OR MORTAR WITHIN 2" OF PCB CAULK LOCATIONS SHALL BE REMOVED DURING PCB CAULK REMOVALS. REMOVED MATERIALS SHALL BE DISPOSED OF AS PCB BULK PRODUCT WASTE.

PCB REMOVAL NOTES

P-1 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF WINDOW GLAZING COMPOUND ON INTERIOR METAL-FRAMED FIXED WINDOW UNITS AS INDICATED (APPROXIMATELY 500 LF). THIS MATERIAL ALSO CONTAINS ASBESTOS. SEE ASBESTOS ABATEMENT NOTE AA-8. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF ENTIRE METAL WINDOW FRAMES (WITH GLASS IN-TACT) AND ALL WINDOW GLAZING COMPOUND AS A PCB BULK PRODUCT WASTE.

P-2 DOOR CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND INTERIOR AND EXTERIOR DOOR FRAMES, AS INDICATED (APPROXIMATELY 310 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. DOOR FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE DOORS WILL BE REPLACED IN-KIND (WITH NO SCHEDULED MASONRY DEMOLITION), CONTRACTOR SHALL DRILL HOLES FOR NEW DOOR FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFOMED USING HEPA-EQUIPPED POWER TOOLS.

P-3 BATHROOM EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM WITHIN PERIMETER FLOOR CONTROL JOINT OF BATHROOMS AND JANITORIAL CLOSETS, AS INDICATED (APPROXIMATELY 2100 LF). CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-4 EXTERIOR MASONRY EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM EXTERIOR EXPANSION CONTROL JOINTS (APPROXIMATELY 140 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-5 FRONT LOBBY FLOORING EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM INTERIOR EXPANSION CONTROL JOINTS IN THE FRONT LOBBY FLOORING SYSTEM (APPROXIMATELY 80 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-6 WINDOW CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND EXTERIOR WINDOWS, AS INDICATED (4 WINDOWS - APPROXIMATELY 46 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. WINDOW FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE NEW WINDOWS (INCLUDING STOREFRONT WINDOW) WILL BE INSTALLED WITHIN EXISTING WINDOW OPENINGS WERE CAULK HAS BEEN REMOVED, CONTRACTOR SHALL DRILL HOLES FOR NEW WINDOW FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFORMED USING HEPA EQUIPPED POWER TOOLS.

DASNY

DORMITORY AUTHORITY STATE OF NEW YORK

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase: BID DOCUMENTS

BASEMENT HAZARDOUS MATERIALS REMOVAL PLAN

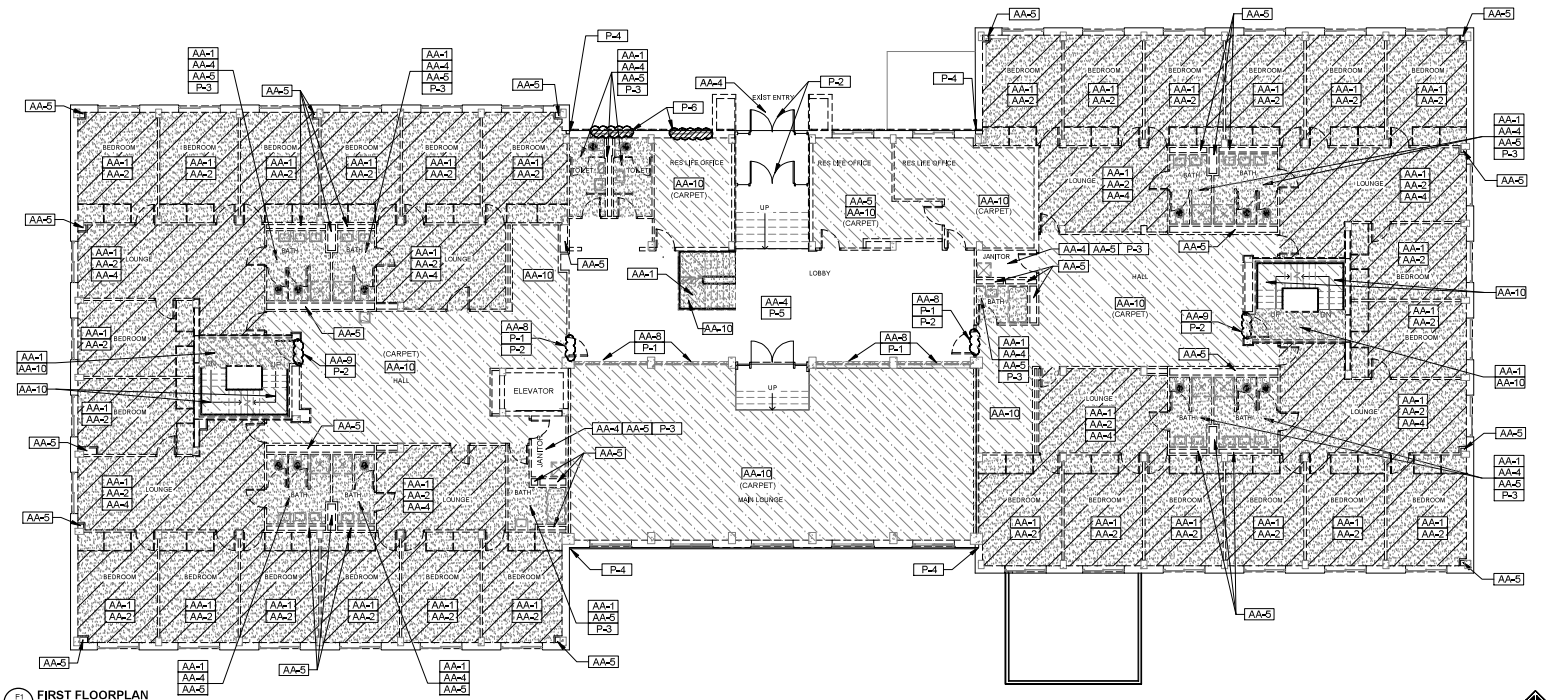
Drawn By:	Checked By:	Date:
NK	SM	8-29-2018

Seal & Signature: STATE OF NEW YORK * KEVIN P. JANIK * 082957 * LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: **HM100**

Scale: 1/8" = 1'-0"



F1 **FIRST FLOORPLAN**
HM101 SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

B. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AT THE SITE PRIOR TO BIDDING.

C. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

D. THE LOCATION OF ANY SITE STORAGE OF MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

E. CONTRACTOR IS RESPONSIBLE FOR ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.

F. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDING AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR SECURITY.

G. CONTRACTOR SHALL CONTINUOUSLY MONITOR FOR LEAKAGE OF WATER AND/OR MASTIC REMOVER SOLVENT ON FLOORS BELOW THE WORK AREA. CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEANUP OF ANY AREAS AFFECTED BY WATER/SOLVENT LEAKAGE FROM THE WORK AREAS AND REPAIR OF RESULTING DAMAGE.

H. CONTRACTOR RESPONSIBLE FOR PROVIDING TOOLS/EQUIPMENT/LABOR/ETC. REQUIRED TO GAIN ACCESS TO ALL MATERIALS SCHEDULED FOR REMOVAL, INCLUDING ALL EXCAVATION WORK FOR BURIED MATERIALS, AND LIFTS/LADDERS/SCAFFOLDING/ETC. FOR ELEVATED MATERIALS.

I. ADDITIONAL HAZARDOUS AND UNIVERSAL WASTES ARE PRESENT IN THE BUILDING AND ARE NOT DEPICTED ON THE HM SERIES DRAWINGS. REFER TO SPECIFICATIONS 028600 AND 028700 RESPECTIVELY FOR HANDLING AND DISPOSAL CONSIDERATIONS REGARDING THESE MATERIALS.

J. ALL WASTE STREAMS (ASBESTOS/ PCBs/ HAZARDOUS/ UNIVERSAL/ C&D DEBRIS, ETC.) GENERATED DURING THIS PROJECT SHALL BE PROPERLY SEGREGATED AND STORED IN SEPARATE DISTINCT AREAS. WASTES SHALL NOT BE COMMINGLED.

ASBESTOS ABATEMENT NOTES

AA-1 ACOUSTICAL CEILING TEXTURE (ACT) - REMOVE AND DISPOSE OF SPRAYED-ON ACT APPLIED TO CONCRETE DECKS AND ALL ASSOCIATED OVERSPRAY THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 29,000 SF) TO THE BARE CONCRETE SUBSTRATE. MATERIAL IS PRESENT ABOVE BUILT-IN CLOSETS, BEHIND TRIM PIECES, AND BEHIND CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES THROUGHOUT THE RESIDENCE SUITE LOUNGES. DISCONNECT, REMOVE, AND DISPOSE OF ALL CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES AS ACM FROM CEILINGS WHERE SPRAY ACT HAS BEEN IMPACTED. OVERSPRAY IN RECESSED LIGHT FIXTURES AND JUNCTION BOXES SHALL ALSO BE REMOVED. CLEANABLE OBJECTS SUCH AS THE BEDROOM WARDROBE CLOSETS MAY BE REMOVED AND DISPOSED OF AS C&D DEBRIS PRIOR TO THE INITIATION OF GROSS REMOVAL ACTIVITIES. HOWEVER, THE WORK AREAS/CONTAINMENTS MUST BE CONSTRUCTED AND OPERATIONAL IN ORDER FOR THE WARDROBE CLOSETS TO BE CLEANED, INSPECTED BY PROJECT MONITOR FOR CLEANLINESS, AND REMOVED AS C&D DEBRIS.

AA-2 VINYL ASBESTOS TILE (VAT) AND MASTIC - REMOVE AND DISPOSE OF VAT AND ASBESTOS-CONTAINING MASTIC FROM THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 27,300 SF). REMOVE ALL FLOORING MATERIALS DOWN TO THE BARE SUBSTRATE SO THAT THE BARE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASE FROM THROUGHOUT THE REGULATED WORK AREAS UNDER CONTAINMENT PRIOR TO FLOOR TILE ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-3 BURIED TRANSITE DUCT - REMOVE AND DISPOSE OF TRANSITE PIPE (DUCT) BENEATH CONCRETE FLOOR SLAB, AS INDICATED (APPROXIMATELY 215 LF TOTAL). THE TOP OF THE DUCTS ARE BURIED UP TO 4" BENEATH THE FLOOR SLAB, AND RANGE IN SIZE UP TO 18" DIAMETER. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF CONCRETE FLOOR SLAB TO ACCESS UNDERLYING TRANSITE DUCTS. CONCRETE DEMOLITION SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CONCRETE HAS NOT BEEN CONTAMINATED BY THE TRANSITE PIPE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS, OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S).

AA-4 INCANDESCENT LIGHT FIXTURE WIRE INSULATION - REMOVE AND DISPOSE OF WIRING WITH ASBESTOS-CONTAINING INSULATION ON INCANDESCENT LIGHT FIXTURES AND IN RECESSED LIGHT FIXTURE BOXES CURRENTLY COVERED WITH BLANK COVER PLATES THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 119 FIXTURES, 1,100 LF, 36 SF). THE INSULATION ON THE "WHIP" WIRING CONNECTING THE LIGHT FIXTURE TO THE JUNCTION BOX IS ASBESTOS-CONTAINING. ENTIRE LIGHT FIXTURE AND ACM WIRING BACK TO THE JUNCTION BOX SHALL BE REMOVED AND DISPOSED OF AS ACM. INCANDESCENT LIGHT FIXTURE JUNCTION BOXES MAY ALSO CONTAIN OVERSPRAY (REFER TO NOTE AA-1).

AA-5 MUD PIPE FITTINGS INSULATION - REMOVE AND DISPOSE OF MUD FITTING INSULATION AND MUD PACKED INTO FIBERGLASS INSULATED PIPING (INCLUDING FITTINGS ABOVE HARD PLASTER AND SUSPENDED CEILING SYSTEMS, FITTINGS BEHIND WALLS AND FITTINGS WITHIN PIPE CHASES THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 1,000 PIPE FITTINGS/1,000 LF). ALTHOUGH APPROXIMATE PIPE FITTING LOCATIONS ARE DEPICTED WITH KEYNOTE AA-5, CONTRACTOR SHALL NOT ASSUME ALL PIPE FITTING LOCATIONS HAVE BEEN IDENTIFIED ON THE DRAWINGS WITH KEYNOTE AA-5, AND REMAINS RESPONSIBLE FOR INVESTIGATING THE POTENTIAL PRESENCE AND REMOVAL OF ALL MUD PIPE FITTING INSULATION WITHIN ROOMS, CHASES, WALLS, ETC., THAT MAY BE IMPACTED BY PROJECT ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL WALLS, CEILING SYSTEMS, AND ANCILLARY EQUIPMENT NECESSARY TO ACCESS FITTINGS. CONTAINMENT/REGULATED WORK AREAS MUST BE SET-UP AND OPERATIONAL PRIOR TO CEILING, CHASE, WALL, ETC. DEMOLITION. CONTRACTOR SHALL ALSO ASSUME SOME FITTINGS HAVE DETERIORATED AND ASBESTOS-CONTAMINATED DEBRIS WILL EXIST WITHIN PIPE CHASES, BEHIND WALLS, AND ABOVE CEILINGS, AND PLAN THEIR DEMOLITION AND REMOVAL ACTIVITIES ACCORDINGLY, INCLUDING REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAMINATED DEBRIS ENCOUNTERED WITHIN THESE ENCLOSED SPACES. CONTRACTOR SHALL REMOVE AS ACM ALL FIBERGLASS INSULATION (PIPE, DUCT, BATT, ETC.) ENCOUNTERED WITHIN ALL REGULATED WORK AREAS. CONTRACTOR SHALL REFERENCE MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DETAIL REGARDING PIPE FITTING LOCATIONS.

AA-6 PIN MASTIC - REMOVE AND DISPOSE OF PIN MASTIC AND FIBERGLASS PAD DUCT INSULATION WITH ASBESTOS-CONTAINING PIN MASTIC (APPROXIMATELY 200 SF). ALL INSULATION AND PIN MASTIC SHALL BE COMPLETELY REMOVED FROM THE DUCTWORK AND DISPOSED AS ACM.

AA-7 HOT WATER TANK INSULATION - REMOVE AND DISPOSE OF INSULATION ON HOT WATER TANK IN BASEMENT MECHANICAL ROOM, AS INDICATED (APPROXIMATELY 300 SF). HOT WATER TANK MEASURES APPROXIMATELY 7 FEET DIAMETER BY 10 FEET LONG.

AA-8 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF INTERIOR METAL-FRAMED FIXED WINDOW UNITS WITH ASBESTOS-CONTAINING WINDOW GLAZING COMPOUND AS INDICATED (APPROXIMATELY 500 LF, 10,42 SF). THE WINDOW GLAZING COMPOUND ALSO CONTAINS PCBS. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF THE ENTIRE METAL FRAME (WITH GLASS IN-TACT) AS A PCB BULK PRODUCT WASTE AS DESCRIBED IN PCB REMOVAL NOTE P-1.

AA-9 WOODEN FIRE DOORS - REMOVE AND DISPOSE OF WOODEN FIRE DOORS WITH ASBESTOS-CONTAINING CORE, AS INDICATED (APPROXIMATELY 13 DOORS, 273 SF).

AA-10 RESIDUAL FLOOR TILE MASTIC - REMOVE AND DISPOSE OF VINYL COMPOSITE TILE (VCT), CARPET, VINYL STAIR TREADS, AND/OR EPOXY PAINT AND UNDERLYING ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC FROM THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 10,000 SF) AS ASBESTOS. ALSO REMOVE MINIMUM 1/8" MAPEI THINSET MORTAR BETWEEN EXISTING FLOOR COVERING AND ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC BELOW. ASSUME DEFAULT FLOOR COVERING IS VCT. OTHER SPECIFIC TYPES OF FLOOR COVERING IN EACH ROOM IS INDICATED ON THE DRAWING NEXT TO THE KEYNOTE (CARPET/EPOXY PAINT). CARPET REMOVAL SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CARPET HAS NOT BEEN CONTAMINATED BY FLOOR TILES OR MASTIC ADHERING TO THE UNDERSIDE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS, OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S). REMOVE ALL FLOORING MATERIALS DOWN TO THE SUBSTRATE SO THAT THE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASEBOARD THROUGHOUT THE AREAS PRIOR TO FLOORING MATERIAL ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-11 FOUNDATION VAPOR BARRIER - REMOVE BELOW GRADE FOUNDATION WALL ASBESTOS-CONTAINING VAPOR BARRIER AT THE LOCATIONS INDICATED TO FACILITATE INSTALLATION OF UNDERGROUND UTILITY CONNECTIONS, AND TIE-INS FOR NEW FOUNDATION WALLS/FOOTERS (APPROXIMATELY 300 SF, TOTAL). THE EXACT LOCATION/LIMIT OF REMOVAL TO BE DEMARCATED BY THE GC TO ENSURE PROPER ABATEMENT. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION REQUIRED TO ACCESS AND REMOVE FOUNDATION VAPOR BARRIER.

AA-12 PIPE FLANGE GASKETS - REMOVE AND DISPOSE OF PRESUMED ASBESTOS-CONTAINING PIPE FLANGE GASKETS IN MECHANICAL ROOM (APPROXIMATELY 18 GASKETS, 9 SF). PIPING IS SCHEDULED FOR DEMOLITION, AND CONTRACTOR MAY ELECT TO REMOVE SECTIONS OF PIPING/FLANGES IN LIEU OF DISASSEMBLY OF FLANGES. PIPING AND PIPE FLANGE GASKETS REQUIRING REMOVAL TO BE DEMARCATED BY THE MECHANICAL CONTRACTOR.

GENERAL PCB REMEDIATION NOTES

1. FOR EXTERIOR REMOVAL OF PCB CAULK, THE CONTRACTOR SHALL PLACE A SIX (6) MIL FIRE RETARDANT POLYETHYLENE DROP CLOTH ON THE HORIZONTAL WORK SURFACE AND ON THE GROUND OR ROOF BELOW THE WORK AREA TO PREVENT THE SPREAD OF PCB CAULK DEBRIS. THE DROP CLOTH SHALL BE A MINIMUM OF TEN (10) FEET WIDE AT GROUND LEVEL WITH AN ADDITIONAL TEN (10) FEET OF WIDTH PER FLOOR ABOVE GROUND OR ROOF LEVEL WHERE REMOVAL WORK WILL TAKE PLACE. UP TO A MAXIMUM OF THIRTY (30) FEET OF WIDTH MEASURED PERPENDICULAR TO THE BUILDING. IN ADDITION, IF A STRAIGHT SCAFFOLD, MAN-LIFT, SWING SCAFFOLDING OR SIMILAR EQUIPMENT IS USED FOR AREAS ABOVE THE GROUND LEVEL, THE LIFT/SCAFFOLDING UNIT SHALL BE PLASTICIZED WITH TWO (2) LAYERS OF SIX (6) MIL FIRE RETARDANT POLYETHYLENE SHEETING ON THE HORIZONTAL WORK SURFACE, WITH THE PLASTIC SHEETING EXTENDED VERTICALLY TO WAIST-HIGH (AS SO EQUIPPED) GUARDRAIL SIDES AND BACK OF THE LIFT UNIT. WHILE THE PLATFORM/LIFT WALKING SURFACES MUST BE PLASTICIZED, THE CONTRACTOR MUST PROVIDE PROPER TRACTION SURFACES OR EQUIPMENT TO ASSURE THE SAFETY AND COMFORT OF ABATEMENT WORKERS WHILE PERFORMING ABATEMENT ACTIVITIES ON THE LIFT/SCAFFOLD EQUIPMENT. AFTER PCBS ARE REMOVED FROM EACH WORK LOCATION, THE PLATFORM AND PLASTICIZED SURFACES TOWARD THE BUILDING SHALL BE WET WIPED AND CLEANED BEFORE REUSE. THE PLASTICIZING ON THE LIFT OR SCAFFOLD SHALL BE PERIODICALLY INSPECTED DURING USE AND REPAIRED AS NEEDED.
2. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL PCB-CONTAINING CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK AS PCB BULK PRODUCT WASTE. REMOVAL AND DISPOSAL WILL OCCUR IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. MATERIALS MUST BE TRANSPORTED TO A FACILITY THAT ACCEPTS TSCA PCB WASTES. THE OWNER SHALL SUPPLY AN EPA GENERATOR IDENTIFICATION NUMBER TO THE CONTRACTOR.
3. NEW YORK STATE REGULATES PCB BULK PRODUCT WASTE AS A RCRA HAZARDOUS WASTE AND ALL HAZARDOUS WASTE REGULATIONS APPLY. PROOF OF PROPER DISPOSAL MUST BE PROVIDED TO THE OWNER.
4. REFER TO SPECIFICATION SECTION 028400 FOR PROPER PCB CLEANING/HANDLING PROCEDURES.
5. ALL SPALLING CONCRETE, BRICK AND/OR MORTAR WITHIN 2" OF PCB CAULK LOCATIONS SHALL BE REMOVED DURING PCB CAULK REMOVALS. REMOVED MATERIALS SHALL BE DISPOSED OF AS PCB BULK PRODUCT WASTE.

PCB REMOVAL NOTES

P-1 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF WINDOW GLAZING COMPOUND ON INTERIOR METAL-FRAMED FIXED WINDOW UNITS AS INDICATED (APPROXIMATELY 500 LF). THIS MATERIAL ALSO CONTAINS ASBESTOS. SEE ASBESTOS ABATEMENT NOTE AA-8. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF ENTIRE METAL WINDOW FRAMES (WITH GLASS IN-TACT) AND ALL WINDOW GLAZING COMPOUND AS A PCB BULK PRODUCT WASTE.

P-2 DOOR CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND INTERIOR AND EXTERIOR DOOR FRAMES, AS INDICATED (APPROXIMATELY 310 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. DOOR FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE DOORS WILL BE REPLACED IN-KIND (WITH NO SCHEDULED MASONRY DEMOLITION), CONTRACTOR SHALL DRILL HOLES FOR NEW DOOR FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFOMED USING HEPA-EQUIPPED POWER TOOLS.

P-3 BATHROOM EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM WITHIN PERIMETER FLOOR CONTROL JOINT OF BATHROOMS AND JANITORIAL CLOSETS, AS INDICATED (APPROXIMATELY 2100 LF). CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-4 EXTERIOR MASONRY EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM EXTERIOR EXPANSION CONTROL JOINTS (APPROXIMATELY 140 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-5 FRONT LOBBY FLOORING EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM INTERIOR EXPANSION CONTROL JOINTS IN THE FRONT LOBBY FLOORING SYSTEM (APPROXIMATELY 80 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-6 WINDOW CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND EXTERIOR WINDOWS, AS INDICATED (4 WINDOWS - APPROXIMATELY 46 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. WINDOW FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE NEW WINDOWS (INCLUDING STOREFRONT WINDOW) WILL BE INSTALLED WITHIN EXISTING WINDOW OPENINGS WERE CAULK HAS BEEN REMOVED, CONTRACTOR SHALL DRILL HOLES FOR NEW WINDOW FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFORMED USING HEPA EQUIPPED POWER TOOLS.

DASNY
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WATTS ARCHITECTURE & ENGINEERING

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

FIRST FLOOR HAZARDOUS MATERIALS REMOVAL PLAN

Drawn By:	Checked By:	Date:
NK	SM	8-29-2018

Seal & Signature
STATE OF NEW YORK · KEVIN P. JAMES · 092957 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830
Drawing Number
HM101
Scale: 1/8" = 1'-0"

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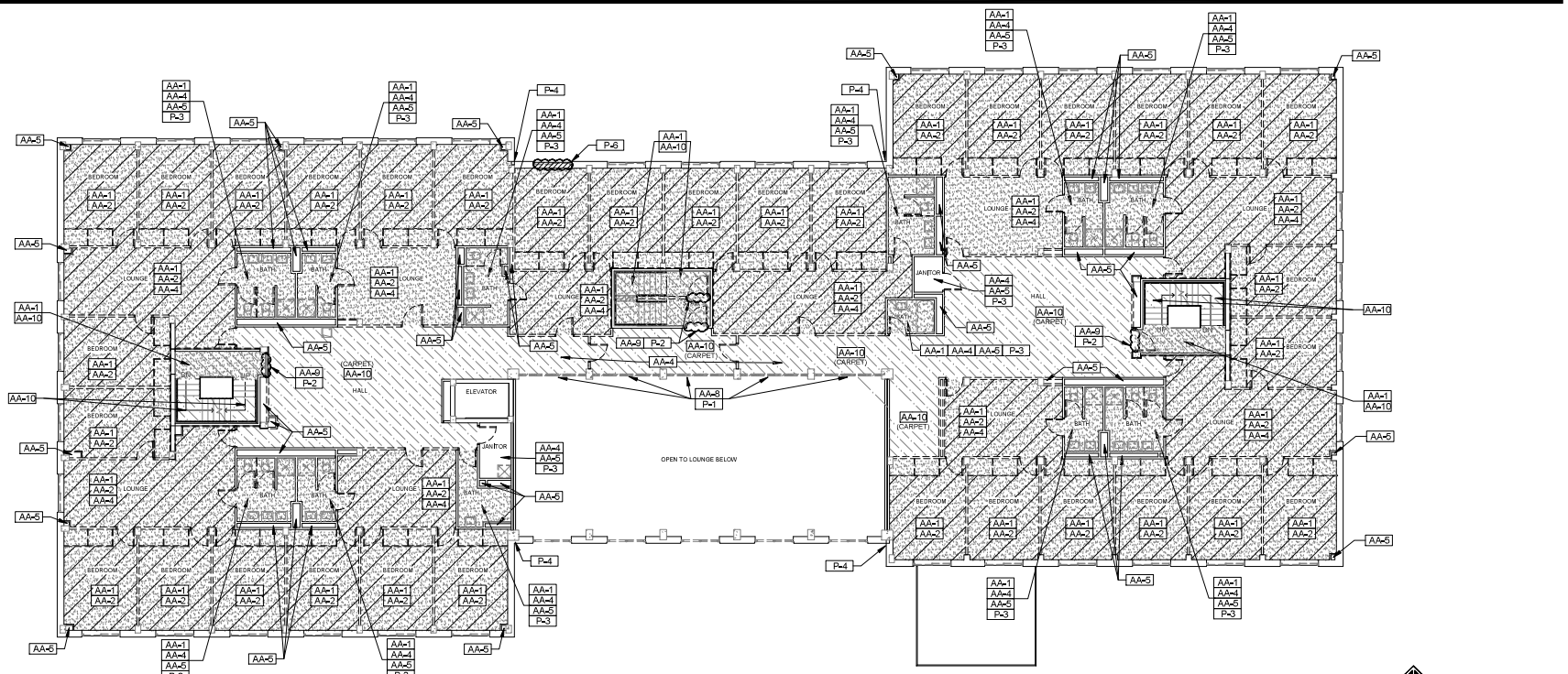

F1 HM102 **SECOND FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

B. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AT THE SITE PRIOR TO BIDDING.

C. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

D. THE LOCATION OF ANY SITE STORAGE OF MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

E. CONTRACTOR IS RESPONSIBLE FOR ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.

F. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDING AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR SECURITY.

G. CONTRACTOR SHALL CONTINUOUSLY MONITOR FOR LEAKAGE OF WATER AND/OR MASTIC REMOVER SOLVENT ON FLOORS BELOW THE WORK AREA. CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEANUP OF ANY AREAS AFFECTED BY WATER/SOLVENT LEAKAGE FROM THE WORK AREAS AND REPAIR OF RESULTING DAMAGE.

H. CONTRACTOR RESPONSIBLE FOR PROVIDING TOOLS/EQUIPMENT/LABOR/ETC. REQUIRED TO GAIN ACCESS TO ALL MATERIALS SCHEDULED FOR REMOVAL, INCLUDING ALL EXCAVATION WORK FOR BURIED MATERIALS, AND LIFTS/LADDERS/SCAFFOLDING/ETC. FOR ELEVATED MATERIALS.

I. ADDITIONAL HAZARDOUS AND UNIVERSAL WASTES ARE PRESENT IN THE BUILDING AND ARE NOT DEPICTED ON THE HM SERIES DRAWINGS. REFER TO SPECIFICATIONS 028600 AND 028700 RESPECTIVELY FOR HANDLING AND DISPOSAL CONSIDERATIONS REGARDING THESE MATERIALS.

J. ALL WASTE STREAMS (ASBESTOS/ PCBs/ HAZARDOUS/ UNIVERSAL/ C&D DEBRIS, ETC.) GENERATED DURING THIS PROJECT SHALL BE PROPERLY SEGREGATED AND STORED IN SEPARATE DISTINCT AREAS. WASTES SHALL NOT BE COMMINGLED.

ASBESTOS ABATEMENT NOTES

AA-1 ACOUSTICAL CEILING TEXTURE (ACT) - REMOVE AND DISPOSE OF SPRAYED-ON ACT APPLIED TO CONCRETE DECKS AND ALL ASSOCIATED OVERSPRAY THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 29,000 SF) TO THE BARE CONCRETE SUBSTRATE. MATERIAL IS PRESENT ABOVE BUILT-IN CLOSETS, BEHIND TRIM PIECES, AND BEHIND CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES THROUGHOUT THE RESIDENCE SUITE LOUNGES. DISCONNECT, REMOVE, AND DISPOSE OF ALL CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES AS ACM FROM CEILINGS WHERE SPRAY-ON HAS BEEN APPLIED. OVERSPRAY IN RECESSED LIGHT FIXTURES AND JUNCTION BOXES SHALL ALSO BE REMOVED. CLEANABLE OBJECTS SUCH AS THE BEDROOM WARDROBE CLOSETS MAY BE REMOVED AND DISPOSED OF AS C&D DEBRIS PRIOR TO THE INITIATION OF GROSS REMOVAL ACTIVITIES, HOWEVER, THE WORK AREAS/CONTAINMENTS MUST BE CONSTRUCTED AND OPERATIONAL IN ORDER FOR THE WARDROBE CLOSETS TO BE CLEANED. INSPECTED BY PROJECT MONITOR FOR CLEANLINESS, AND REMOVED AS C&D DEBRIS.

AA-2 VINYL ASBESTOS TILE (VAT) AND MASTIC - REMOVE AND DISPOSE OF VAT AND ASBESTOS-CONTAINING MASTIC FROM THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 27,300 SF). REMOVE ALL FLOORING MATERIALS DOWN TO THE BARE SUBSTRATE SO THAT THE BARE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASE FROM THROUGHOUT THE REGULATED WORK AREAS UNDER CONTAINMENT PRIOR TO FLOOR TILE ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-3 BURIED TRANSITE DUCT - REMOVE AND DISPOSE OF TRANSITE PIPE (DUCT) BENEATH CONCRETE FLOOR SLAB, AS INDICATED (APPROXIMATELY 215 LF TOTAL). THE TOP OF THE DUCTS ARE BURIED UP TO 4" BENEATH THE FLOOR SLAB, AND RANGE IN SIZE UP TO 18" DIAMETER. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF CONCRETE FLOOR SLAB TO ACCESS UNDERLYING TRANSITE DUCTS. CONCRETE DEMOLITION SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CONCRETE HAS NOT BEEN CONTAMINATED BY THE TRANSITE PIPE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS. OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S).

AA-4 INCANDESCENT LIGHT FIXTURE WIRE INSULATION - REMOVE AND DISPOSE OF WIRING WITH ASBESTOS-CONTAINING INSULATION ON INCANDESCENT LIGHT FIXTURES AND IN RECESSED LIGHT FIXTURE BOXES CURRENTLY COVERED WITH BLANK COVER PLATES THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 110 FIXTURES, 1,100 LF, 36 SF). THE INSULATION ON THE "WHIP" WIRING CONNECTING THE LIGHT FIXTURE TO THE JUNCTION BOX IS ASBESTOS-CONTAINING. ENTIRE LIGHT FIXTURE AND ACM WIRING BACK TO THE JUNCTION BOX SHALL BE REMOVED AND DISPOSED OF AS ACM. INCANDESCENT LIGHT FIXTURE JUNCTION BOXES MAY ALSO CONTAIN OVERSPRAY (REFER TO NOTE AA-1).

AA-5 MUD PIPE FITTING INSULATION - REMOVE AND DISPOSE OF MUD FITTING INSULATION AND MUD PACKED INTO FIBERGLASS INSULATED PIPING, INCLUDING FITTINGS ABOVE HARD PLASTER AND SUSPENDED CEILING SYSTEMS, FITTINGS BEHIND WALLS AND FITTINGS WITHIN PIPE CHASES THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 1,000 PIPE FITTINGS/1,000 LF). ALTHOUGH APPROXIMATE PIPE FITTING LOCATIONS ARE DEPICTED WITH KEYNOTE AA-5, CONTRACTOR SHALL NOT ASSUME ALL PIPE FITTING LOCATIONS HAVE BEEN IDENTIFIED ON THE DRAWINGS WITH KEYNOTE AA-5, AND REMAINS RESPONSIBLE FOR INVESTIGATING THE POTENTIAL PRESENCE AND REMOVAL OF ALL MUD PIPE FITTING INSULATION WITHIN ROOMS, CHASES, WALLS, ETC., THAT MAY BE IMPACTED BY PROJECT ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL WALLS, CEILING SYSTEMS, AND ANCILLARY EQUIPMENT NECESSARY TO ACCESS FITTINGS. CONTAINMENT/REGULATED WORK AREAS MUST BE SET-UP AND OPERATIONAL PRIOR TO CEILING, CHASE, WALL, ETC. DEMOLITION. CONTRACTOR SHALL ALSO ASSUME SOME FITTINGS HAVE DETERIORATED AND ASBESTOS-CONTAMINATED DEBRIS WILL EXIST WITHIN PIPE CHASES, BEHIND WALLS, AND ABOVE CEILINGS, AND PLAN THEIR DEMOLITION AND REMOVAL ACTIVITIES ACCORDINGLY. INCLUDING REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAMINATED DEBRIS ENCOUNTERED WITHIN THESE ENCLOSED SPACES, CONTRACTOR SHALL REMOVE AS ACM ALL FIBERGLASS INSULATION (PIPE, DUCT, BATT, ETC.) ENCOUNTERED WITHIN ALL REGULATED WORK AREAS. CONTRACTOR SHALL REFERENCE MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DETAIL REGARDING PIPE FITTING LOCATIONS.

AA-6 PIN MASTIC - REMOVE AND DISPOSE OF PIN MASTIC AND FIBERGLASS PAD DUCT INSULATION WITH ASBESTOS-CONTAINING PIN MASTIC (APPROXIMATELY 200 SF). ALL INSULATION AND PIN MASTIC SHALL BE COMPLETELY REMOVED FROM THE DUCTWORK AND DISPOSED AS ACM.

AA-7 HOT WATER TANK INSULATION - REMOVE AND DISPOSE OF INSULATION ON HOT WATER TANK IN BASEMENT MECHANICAL ROOM, AS INDICATED (APPROXIMATELY 300 SF). HOT WATER TANK MEASURES APPROXIMATELY 7 FEET DIAMETER BY 10 FEET LONG.

AA-8 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF INTERIOR METAL-FRAMED FIXED WINDOW UNITS WITH ASBESTOS-CONTAINING WINDOW GLAZING COMPOUND AS INDICATED (APPROXIMATELY 500 LF, 10.42 SF). THE WINDOW GLAZING COMPOUND ALSO CONTAINS PCBS. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF THE ENTIRE METAL FRAME (WITH GLASS IN-TACT) AS A PCB BULK PRODUCT WASTE AS DESCRIBED IN PCB REMOVAL NOTE P-1.

AA-9 WOODEN FIRE DOORS - REMOVE AND DISPOSE OF WOODEN FIRE DOORS WITH ASBESTOS-CONTAINING CORE, AS INDICATED (APPROXIMATELY 13 DOORS, 273 SF).

AA-10 RESIDUAL FLOOR TILE MASTIC - REMOVE AND DISPOSE OF VINYL COMPOSITE TILE (VCT), CARPET, VINYL STAIR TREADS, AND/OR EPOXY PAINT AND UNDERLYING ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC FROM THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 10,000 SF) AS ASBESTOS. ALSO REMOVE MINIMUM 1/8" MAPEI THINSET MORTAR BETWEEN EXISTING FLOOR COVERING AND ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC BELOW. ASSUME DEFAULT FLOOR COVERING IS VCT. OTHER SPECIFIC TYPES OF FLOOR COVERING IN EACH ROOM IS INDICATED ON THE DRAWING NEXT TO THE KEYNOTE (CARPET/EPOXY PAINT). CARPET REMOVAL SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CARPET HAS NOT BEEN CONTAMINATED BY FLOOR TILES OR MASTIC ADHERING TO THE UNDERSIDE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS. OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S). REMOVE ALL FLOORING MATERIALS DOWN TO THE SUBSTRATE SO THAT THE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASEBOARD THROUGHOUT THE AREAS PRIOR TO FLOORING MATERIAL ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-11 FOUNDATION VAPOR BARRIER - REMOVE BELOW GRADE FOUNDATION WALL ASBESTOS-CONTAINING VAPOR BARRIER AT THE LOCATIONS INDICATED TO FACILITATE INSTALLATION OF UNDERGROUND UTILITY CONNECTIONS, AND TIE-INS FOR NEW FOUNDATION WALLS/FOOTERS (APPROXIMATELY 300 SF, TOTAL). THE EXACT LOCATION/LIMIT OF REMOVAL TO BE DEMARCATED BY THE QC TO ENSURE PROPER ABATEMENT. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION REQUIRED TO ACCESS AND REMOVE FOUNDATION VAPOR BARRIER.

AA-12 PIPE FLANGE GASKETS - REMOVE AND DISPOSE OF PRESUMED ASBESTOS-CONTAINING PIPE FLANGE GASKETS IN MECHANICAL ROOM (APPROXIMATELY 18 GASKETS, 9 SF). PIPING IS SCHEDULED FOR DEMOLITION, AND CONTRACTOR MAY ELECT TO REMOVE SECTIONS OF PIPING/FLANGES IN LIEU OF DISASSEMBLY OF FLANGES. PIPING AND PIPE FLANGE GASKETS REQUIRING REMOVAL TO BE DEMARCATED BY THE MECHANICAL CONTRACTOR.

GENERAL PCB REMEDIATION NOTES

1. FOR EXTERIOR REMOVAL OF PCB CAULK, THE CONTRACTOR SHALL PLACE A SIX (6) MIL FIRE RETARDANT POLYETHYLENE DROP CLOTH ON THE HORIZONTAL WORK SURFACE AND ON THE GROUND OR ROOF BELOW THE WORK AREA TO PREVENT THE SPREAD OF PCB CAULK DEBRIS. THE DROP CLOTH SHALL BE A MINIMUM OF TEN (10) FEET WIDE AT GROUND LEVEL WITH AN ADDITIONAL TEN (10) FEET OF WIDTH PER FLOOR ABOVE GROUND OR ROOF LEVEL WHERE REMOVAL WORK WILL TAKE PLACE. UP TO A MAXIMUM OF THIRTY (30) FEET OF WIDTH MEASURED PERPENDICULAR TO THE BUILDING. IN ADDITION, IF A STRAIGHT SCAFFOLD, MAN-LIFT, SWING SCAFFOLDING OR SIMILAR EQUIPMENT IS USED FOR AREAS ABOVE THE GROUND LEVEL, THE LIFT/SCAFFOLDING UNIT SHALL BE PLASTICIZED WITH TWO (2) LAYERS OF SIX (6) MIL FIRE RETARDANT POLYETHYLENE SHEETING ON THE HORIZONTAL WORK SURFACE, WITH THE PLASTIC SHEETING EXTENDED VERTICALLY TO WAIST-HIGH (AS SO EQUIPPED) GUARDRAIL SIDES AND BACK OF THE LIFT UNIT. WHILE THE PLATFORM/LIFT WALKING SURFACES MUST BE PLASTICIZED, THE CONTRACTOR MUST PROVIDE PROPER TRACTION SURFACES OR EQUIPMENT TO ASSURE THE SAFETY AND COMFORT OF ABATEMENT WORKERS WHILE PERFORMING ABATEMENT ACTIVITIES ON THE LIFT/SCAFFOLD EQUIPMENT. AFTER PCBS ARE REMOVED FROM EACH WORK LOCATION, THE PLATFORM AND PLASTICIZED SURFACES TOWARD THE BUILDING SHALL BE WET WIPED AND CLEANED BEFORE REUSE. THE PLASTICIZING ON THE LIFT OR SCAFFOLD SHALL BE PERIODICALLY INSPECTED DURING USE AND REPAIRED AS NEEDED.
2. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL PCB-CONTAINING CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK AS PCB BULK PRODUCT WASTE. REMOVAL AND DISPOSAL WILL OCCUR IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. MATERIALS MUST BE TRANSPORTED TO A FACILITY THAT ACCEPTS TSCA PCB WASTES. THE OWNER SHALL SUPPLY AN EPA GENERATOR IDENTIFICATION NUMBER TO THE CONTRACTOR.
3. NEW YORK STATE REGULATES PCB BULK PRODUCT WASTE AS A RCRA HAZARDOUS WASTE AND ALL HAZARDOUS WASTE REGULATIONS APPLY. PROOF OF PROPER DISPOSAL MUST BE PROVIDED TO THE OWNER.
4. REFER TO SPECIFICATION SECTION 028400 FOR PROPER PCB CLEANING/HANDLING PROCEDURES.
5. ALL SPALLING CONCRETE, BRICK AND/OR MORTAR WITHIN 2" OF PCB CAULK LOCATIONS SHALL BE REMOVED DURING PCB CAULK REMOVALS. REMOVED MATERIALS SHALL BE DISPOSED OF AS PCB BULK PRODUCT WASTE.

PCB REMOVAL NOTES

P-1 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF WINDOW GLAZING COMPOUND ON INTERIOR METAL-FRAMED FIXED WINDOW UNITS AS INDICATED (APPROXIMATELY 500 LF). THIS MATERIAL ALSO CONTAINS ASBESTOS. SEE ASBESTOS ABATEMENT NOTE AA-8. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF ENTIRE METAL WINDOW FRAMES (WITH GLASS IN-TACT) AND ALL WINDOW GLAZING COMPOUND AS A PCB BULK PRODUCT WASTE.

P-2 DOOR CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND INTERIOR AND EXTERIOR DOOR FRAMES, AS INDICATED (APPROXIMATELY 310 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. DOOR FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE DOORS WILL BE REPLACED IN-KIND (WITH NO SCHEDULED MASONRY DEMOLITION), CONTRACTOR SHALL DRILL HOLES FOR NEW DOOR FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFOMED USING HEPA-EQUIPPED POWER TOOLS.

P-3 BATHROOM EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM WITHIN PERIMETER FLOOR CONTROL JOINT OF BATHROOMS AND JANITORIAL CLOSETS, AS INDICATED (APPROXIMATELY 2100 LF). CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-4 EXTERIOR MASONRY EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM EXTERIOR EXPANSION CONTROL JOINTS (APPROXIMATELY 140 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-6 FRONT LOBBY FLOORING EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM INTERIOR EXPANSION CONTROL JOINTS IN THE FRONT LOBBY FLOORING SYSTEM (APPROXIMATELY 60 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-8 WINDOW CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND EXTERIOR WINDOWS, AS INDICATED (4 WINDOWS - APPROXIMATELY 46 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. WINDOW FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE NEW WINDOWS (INCLUDING STOREFRONT WINDOW) WILL BE INSTALLED WITHIN EXISTING WINDOW OPENINGS WERE CAULK HAS BEEN REMOVED, CONTRACTOR SHALL DRILL HOLES FOR NEW WINDOW FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFORMED USING HEPA EQUIPPED POWER TOOLS.

DASNY
DORMITORY AUTHORITY - STATE OF NEW YORK

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WATTS ARCHITECTURE & ENGINEERING

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECOND FLOOR HAZARDOUS MATERIALS REMOVAL PLAN

Drawn By:	Checked By:	Date:
NK	SM	8-29-2018

Seal & Signature
STATE OF NEW YORK · KEVIN P. JANES · 082957 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830
Drawing Number
HM102
Scale: 1/8" = 1'-0"

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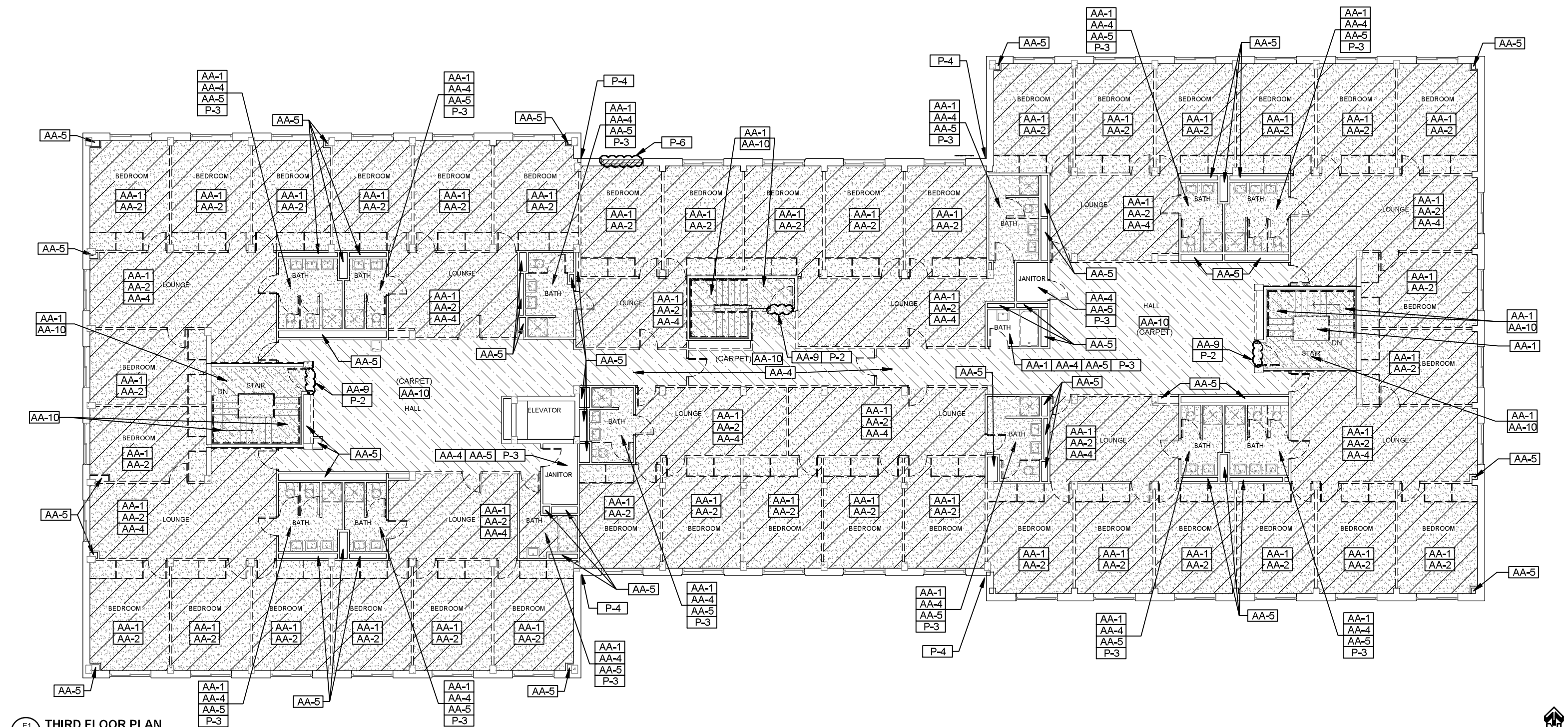

F1 HM103 **THIRD FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

B. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AT THE SITE PRIOR TO BIDDING.

C. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

D. THE LOCATION OF ANY SITE STORAGE OF MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

E. CONTRACTOR IS RESPONSIBLE FOR ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.

F. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDING AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR SECURITY.

G. CONTRACTOR SHALL CONTINUOUSLY MONITOR FOR LEAKAGE OF WATER AND/OR MASTIC REMOVER SOLVENT ON FLOORS BELOW THE WORK AREA. CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEANUP OF ANY AREAS AFFECTED BY WATER/SOLVENT LEAKAGE FROM THE WORK AREAS AND REPAIR OF RESULTING DAMAGE.

H. CONTRACTOR RESPONSIBLE FOR PROVIDING TOOLS/EQUIPMENT/LABOR/ETC. REQUIRED TO GAIN ACCESS TO ALL MATERIALS SCHEDULED FOR REMOVAL, INCLUDING ALL EXCAVATION WORK FOR BURIED MATERIALS, AND LIFTS/LADDERS/SCAFFOLDING/ETC. FOR ELEVATED MATERIALS.

I. ADDITIONAL HAZARDOUS AND UNIVERSAL WASTES ARE PRESENT IN THE BUILDING AND ARE NOT DEPICTED ON THE HM SERIES DRAWINGS. REFER TO SPECIFICATIONS 028600 AND 028700 RESPECTIVELY FOR HANDLING AND DISPOSAL CONSIDERATIONS REGARDING THESE MATERIALS.

J. ALL WASTE STREAMS (ASBESTOS/ PCBs/ HAZARDOUS/ UNIVERSAL/ C&D DEBRIS, ETC.) GENERATED DURING THIS PROJECT SHALL BE PROPERLY SEGREGATED AND STORED IN SEPARATE DISTINCT AREAS. WASTES SHALL NOT BE COMMINGLED.

ASBESTOS ABATEMENT NOTES

AA-1 ACOUSTICAL CEILING TEXTURE (ACT) - REMOVE AND DISPOSE OF SPRAYED-ON ACT APPLIED TO CONCRETE DECKS AND ALL ASSOCIATED OVERSPRAY THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 29,000 SF) TO THE BARE CONCRETE SUBSTRATE. MATERIAL IS PRESENT ABOVE BUILT-IN CLOSETS, BEHIND TRIM PIECES, AND BEHIND CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES THROUGHOUT THE RESIDENCE SUITE LOUNGES. DISCONNECT, REMOVE, AND DISPOSE OF ALL CEILING-MOUNTED LIGHT FIXTURES AND JUNCTION BOXES AS ACM FROM CEILINGS WHERE SPRAY-ON HAS BEEN APPLIED. OVERSPRAY IN RECESSED LIGHT FIXTURES AND JUNCTION BOXES SHALL ALSO BE REMOVED. CLEANABLE OBJECTS SUCH AS THE BEDROOM WARDROBE CLOSETS MAY BE REMOVED AND DISPOSED OF AS C&D DEBRIS PRIOR TO THE INITIATION OF GROSS REMOVAL ACTIVITIES, HOWEVER, THE WORK AREAS/CONTAINMENTS MUST BE CONSTRUCTED AND OPERATIONAL IN ORDER FOR THE WARDROBE CLOSETS TO BE CLEANED, INSPECTED BY PROJECT MONITOR FOR CLEANLINESS, AND REMOVED AS C&D DEBRIS.

AA-2 VINYL ASBESTOS TILE (VAT) AND MASTIC - REMOVE AND DISPOSE OF VAT AND ASBESTOS-CONTAINING MASTIC FROM THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 27,300 SF). REMOVE ALL FLOORING MATERIALS DOWN TO THE BARE SUBSTRATE SO THAT THE BARE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASE FROM THROUGHOUT THE REGULATED WORK AREAS UNDER CONTAINMENT PRIOR TO FLOOR TILE ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-3 BURIED TRANSITE DUCT - REMOVE AND DISPOSE OF TRANSITE PIPE (DUCT) BENEATH CONCRETE FLOOR SLAB, AS INDICATED (APPROXIMATELY 215 LF TOTAL). THE TOP OF THE DUCTS ARE BURIED UP TO 4" BENEATH THE FLOOR SLAB, AND RANGE IN SIZE UP TO 18" DIAMETER. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF CONCRETE FLOOR SLAB TO ACCESS UNDERLYING TRANSITE DUCTS. CONCRETE DEMOLITION SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CONCRETE HAS NOT BEEN CONTAMINATED BY THE TRANSITE PIPE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS, OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S).

AA-4 INCANDESCENT LIGHT FIXTURE WIRE INSULATION - REMOVE AND DISPOSE OF WIRING WITH ASBESTOS-CONTAINING INSULATION ON INCANDESCENT LIGHT FIXTURES AND IN RECESSED LIGHT FIXTURE BOXES CURRENTLY COVERED WITH BLANK COVER PLATES THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 110 FIXTURES, 1,100 LF, 36 SF). THE INSULATION ON THE "WHIP" WIRING CONNECTING THE LIGHT FIXTURE TO THE JUNCTION BOX IS ASBESTOS-CONTAINING, ENTIRE LIGHT FIXTURE AND ACM WIRING BACK TO THE JUNCTION BOX SHALL BE REMOVED AND DISPOSED OF AS ACM. INCANDESCENT LIGHT FIXTURE JUNCTION BOXES MAY ALSO CONTAIN OVERSPRAY (REFER TO NOTE 'AA-1').

AA-5 MUD PIPE FITTING INSULATION - REMOVE AND DISPOSE OF MUD FITTING INSULATION AND MUD PACKED INTO FIBERGLASS INSULATED PIPING, INCLUDING FITTINGS ABOVE HARD PLASTER AND SUSPENDED CEILING SYSTEMS, FITTINGS BEHIND WALLS AND FITTINGS WITHIN PIPE CHASES THROUGHOUT THE BUILDING, AS INDICATED (APPROXIMATELY 1,000 PIPE FITTINGS/1,000 LF). ALTHOUGH APPROXIMATE PIPE FITTING LOCATIONS ARE DEPICTED WITH KEYNOTE AA-5, CONTRACTOR SHALL NOT ASSUME ALL PIPE FITTING LOCATIONS HAVE BEEN IDENTIFIED ON THE DRAWINGS WITH KEYNOTE AA-5, AND REMAINS RESPONSIBLE FOR INVESTIGATING THE POTENTIAL PRESENCE AND REMOVAL OF ALL MUD PIPE FITTING INSULATION WITHIN ROOMS, CHASES, WALLS, ETC., THAT MAY BE IMPACTED BY PROJECT ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL WALLS, CEILING SYSTEMS, AND ANCILLARY EQUIPMENT NECESSARY TO ACCESS FITTINGS. CONTAINMENT/REGULATED WORK AREAS MUST BE SET-UP AND OPERATIONAL PRIOR TO CEILING, CHASE, WALL, ETC. DEMOLITION. CONTRACTOR SHALL ALSO ASSUME SOME FITTINGS HAVE DETERIORATED AND ASBESTOS-CONTAMINATED DEBRIS WILL EXIST WITHIN PIPE CHASES, BEHIND WALLS, AND ABOVE CEILINGS, AND PLAN THEIR DEMOLITION AND REMOVAL ACTIVITIES ACCORDINGLY, INCLUDING REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAMINATED DEBRIS ENCOUNTERED WITHIN THESE ENCLOSED SPACES. CONTRACTOR SHALL REMOVE AS ACM ALL FIBERGLASS INSULATION (PIPE, DUCT, BATT, ETC.) ENCOUNTERED WITHIN ALL REGULATED WORK AREAS. CONTRACTOR SHALL REFERENCE MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL DETAIL REGARDING PIPE FITTING LOCATIONS.

AA-6 PIN MASTIC - REMOVE AND DISPOSE OF PIN MASTIC AND FIBERGLASS PAD DUCT INSULATION WITH ASBESTOS-CONTAINING PIN MASTIC (APPROXIMATELY 200 SF). ALL INSULATION AND PIN MASTIC SHALL BE COMPLETELY REMOVED FROM THE DUCTWORK AND DISPOSED AS ACM.

AA-7 HOT WATER TANK INSULATION - REMOVE AND DISPOSE OF INSULATION ON HOT WATER TANK IN BASEMENT MECHANICAL ROOM, AS INDICATED (APPROXIMATELY 300 SF). HOT WATER TANK MEASURES APPROXIMATELY 7 FEET DIAMETER BY 10 FEET LONG.

AA-8 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF INTERIOR METAL-FRAMED FIXED WINDOW UNITS WITH ASBESTOS-CONTAINING WINDOW GLAZING COMPOUND AS INDICATED (APPROXIMATELY 500 LF, 10.42 SF). THE WINDOW GLAZING COMPOUND ALSO CONTAINS PCBS. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF THE ENTIRE METAL FRAME (WITH GLASS IN-TACT) AS A PCB BULK PRODUCT WASTE AS DESCRIBED IN PCB REMOVAL NOTE P-1.

AA-9 WOODEN FIRE DOORS - REMOVE AND DISPOSE OF WOODEN FIRE DOORS WITH ASBESTOS-CONTAINING CORE, AS INDICATED (APPROXIMATELY 13 DOORS, 273 SF).

AA-10 RESIDUAL FLOOR TILE MASTIC - REMOVE AND DISPOSE OF VINYL COMPOSITE TILE (VCT), CARPET, VINYL STAIR TREADS, AND/OR EPOXY PAINT AND UNDERLYING ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC FROM THROUGHOUT THE AREAS INDICATED (APPROXIMATELY 10,000 SF) AS ASBESTOS. ALSO REMOVE MINIMUM 1/8" MAPEI THINSET MORTAR BETWEEN EXISTING FLOOR COVERING AND ASBESTOS-CONTAINING RESIDUAL FLOOR TILE MASTIC BELOW. ASSUME DEFAULT FLOOR COVERING IS VCT. OTHER SPECIFIC TYPES OF FLOOR COVERING IN EACH ROOM IS INDICATED ON THE DRAWING NEXT TO THE KEYNOTE (CARPET/EPOXY PAINT). CARPET REMOVAL SHALL BE CONDUCTED UNDER ASBESTOS ABATEMENT CONDITIONS. IF THE CARPET HAS NOT BEEN CONTAMINATED BY FLOOR TILES OR MASTIC ADHERING TO THE UNDERSIDE, IT CAN BE REMOVED AND DISPOSED OF AS NON-ACM C&D DEBRIS, OTHERWISE IT SHALL REMOVED AND DISPOSED OF AS AN ACM. THE CONTRACTOR SHALL MAKE THIS DETERMINATION (EITHER WAY) WITH THE CONCURRENCE OF THE ASBESTOS PROJECT MONITOR SUBSEQUENT TO THEIR INSPECTION(S). REMOVE ALL FLOORING MATERIALS DOWN TO THE SUBSTRATE SO THAT THE SUBSTRATE IS READY TO ACCEPT NEW FINISHES. REMOVE NON-ASBESTOS VINYL BASEBOARD THROUGHOUT THE AREAS PRIOR TO FLOORING MATERIAL ABATEMENT. AFTER ABATEMENT, CONTRACTOR SHALL NEUTRALIZE ANY SOLVENT (PER THE MANUFACTURER'S DIRECTIONS) TO ALLOW FOR INSTALLATION OF NEW FLOORING.

AA-11 FOUNDATION VAPOR BARRIER - REMOVE BELOW GRADE FOUNDATION WALL ASBESTOS-CONTAINING VAPOR BARRIER AT THE LOCATIONS INDICATED TO FACILITATE INSTALLATION OF UNDERGROUND UTILITY CONNECTIONS, AND TIE-INS FOR NEW FOUNDATION WALLS/FOOTERS (APPROXIMATELY 300 SF, TOTAL). THE EXACT LOCATION/LIMIT OF REMOVAL TO BE DEMARCATED BY THE GC TO ENSURE PROPER ABATEMENT. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION REQUIRED TO ACCESS AND REMOVE FOUNDATION VAPOR BARRIER.

AA-12 PIPE FLANGE GASKETS - REMOVE AND DISPOSE OF PRESUMED ASBESTOS-CONTAINING PIPE FLANGE GASKETS IN MECHANICAL ROOM (APPROXIMATELY 18 GASKETS, 9 SF). PIPING IS SCHEDULED FOR DEMOLITION, AND CONTRACTOR MAY ELECT TO REMOVE SECTIONS OF PIPING/FLANGES IN LIEU OF DISASSEMBLY OF FLANGES. PIPING AND PIPE FLANGE GASKETS REQUIRING REMOVAL TO BE DEMARCATED BY THE MECHANICAL CONTRACTOR.

GENERAL PCB REMEDIATION NOTES

1. FOR EXTERIOR REMOVAL OF PCB CAULK, THE CONTRACTOR SHALL PLACE A SIX (6) MIL FIRE RETARDANT POLYETHYLENE DROP CLOTH ON THE HORIZONTAL WORK SURFACE AND ON THE GROUND OR ROOF BELOW THE WORK AREA TO PREVENT THE SPREAD OF PCB CAULK DEBRIS. THE DROP CLOTH SHALL BE A MINIMUM OF TEN (10) FEET WIDE AT GROUND LEVEL WITH AN ADDITIONAL TEN (10) FEET OF WIDTH PER FLOOR ABOVE GROUND OR ROOF LEVEL WHERE REMOVAL WORK WILL TAKE PLACE, UP TO A MAXIMUM OF THIRTY (30) FEET OF WIDTH MEASURED PERPENDICULAR TO THE BUILDING. IN ADDITION, IF A STRAIGHT SCAFFOLD, MAN-LIFT, SWING SCAFFOLDING OR SIMILAR EQUIPMENT IS USED FOR AREAS ABOVE THE GROUND LEVEL, THE LIFT/SCAFFOLDING UNIT SHALL BE PLASTICIZED WITH TWO (2) LAYERS OF SIX (6) MIL FIRE RETARDANT POLYETHYLENE SHEETING ON THE HORIZONTAL WORK SURFACE, WITH THE PLASTIC SHEETING EXTENDED VERTICALLY TO WAIST-HIGH (AS SO EQUIPPED) GUARDRAIL SIDES AND BACK OF THE LIFT UNIT. WHILE THE PLATFORM/LIFT WALKING SURFACES MUST BE PLASTICIZED, THE CONTRACTOR MUST PROVIDE PROPER TRACTION SURFACES OR EQUIPMENT TO ASSURE THE SAFETY AND COMFORT OF ABATEMENT WORKERS WHILE PERFORMING ABATEMENT ACTIVITIES ON THE LIFT/SCAFFOLD EQUIPMENT. AFTER PCBS ARE REMOVED FROM EACH WORK LOCATION, THE PLATFORM AND PLASTICIZED SURFACES TOWARD THE BUILDING SHALL BE WET WIPED AND CLEANED BEFORE REUSE. THE PLASTICIZING ON THE LIFT OR SCAFFOLD SHALL BE PERIODICALLY INSPECTED DURING USE AND REPAIRED AS NEEDED.

2. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL PCB-CONTAINING CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK AS PCB BULK PRODUCT WASTE. REMOVAL AND DISPOSAL WILL OCCUR IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. MATERIALS MUST BE TRANSPORTED TO A FACILITY THAT ACCEPTS TSCA PCB WASTES. THE OWNER SHALL SUPPLY AN EPA GENERATOR IDENTIFICATION NUMBER TO THE CONTRACTOR.

3. NEW YORK STATE REGULATES PCB BULK PRODUCT WASTE AS A RCRA HAZARDOUS WASTE AND ALL HAZARDOUS WASTE REGULATIONS APPLY. PROOF OF PROPER DISPOSAL MUST BE PROVIDED TO THE OWNER.

4. REFER TO SPECIFICATION SECTION 028400 FOR PROPER PCB CLEANING/HANDLING PROCEDURES.

5. ALL SPALLING CONCRETE, BRICK AND/OR MORTAR WITHIN 2" OF PCB CAULK LOCATIONS SHALL BE REMOVED DURING PCB CAULK REMOVALS. REMOVED MATERIALS SHALL BE DISPOSED OF AS PCB BULK PRODUCT WASTE.

PCB REMOVAL NOTES

P-1 WINDOW GLAZING COMPOUND - REMOVE AND DISPOSE OF WINDOW GLAZING COMPOUND ON INTERIOR METAL-FRAMED FIXED WINDOW UNITS AS INDICATED (APPROXIMATELY 500 LF). THIS MATERIAL ALSO CONTAINS ASBESTOS. SEE ASBESTOS ABATEMENT NOTE AA-8. MATERIALS THAT CONTAIN BOTH ASBESTOS AND PCBS SHALL BE REMOVED UNDER ASBESTOS ABATEMENT CONDITIONS AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. REMOVE AND DISPOSE OF ENTIRE METAL WINDOW FRAMES (WITH GLASS IN-TACT) AND ALL WINDOW GLAZING COMPOUND AS A PCB BULK PRODUCT WASTE.

P-2 DOOR CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND INTERIOR AND EXTERIOR DOOR FRAMES, AS INDICATED (APPROXIMATELY 310 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. DOOR FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE DOORS WILL BE REPLACED IN-KIND (WITH NO SCHEDULED MASONRY DEMOLITION), CONTRACTOR SHALL DRILL HOLES FOR NEW DOOR FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFOMED USING HEPA-EQUIPPED POWER TOOLS.

P-3 BATHROOM EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM WITHIN PERIMETER FLOOR CONTROL JOINT OF BATHROOMS AND JANITORIAL CLOSETS, AS INDICATED (APPROXIMATELY 2100 LF). CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-4 EXTERIOR MASONRY EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM EXTERIOR EXPANSION CONTROL JOINTS (APPROXIMATELY 140 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-5 FRONT LOBBY FLOORING EXPANSION JOINT CAULK - REMOVE AND DISPOSE OF CAULK FROM INTERIOR EXPANSION CONTROL JOINTS IN THE FRONT LOBBY FLOORING SYSTEM (APPROXIMATELY 80 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. LOOSE MASONRY DEBRIS AND ALL MATERIALS SCHEDULED FOR DEMOLITION WITH 2 INCHES OF THE CAULK SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE.

P-6 WINDOW CAULK - REMOVE AND DISPOSE OF CAULK FROM AROUND EXTERIOR WINDOWS, AS INDICATED (4 WINDOWS - APPROXIMATELY 46 LF). CAULK SHALL BE REMOVED AND ENTIRELY SCRAPED FROM MASONRY AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. WINDOW FRAMES SCHEDULED FOR DEMOLITION SHALL ALSO BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. CAULK AND ALL BUILDING MATERIALS SCHEDULED FOR DEMOLITION THAT ARE IN CONTACT WITH AND WITHIN 2 INCHES IN ALL DIRECTIONS OF THE CAULK, SHALL BE REMOVED AND DISPOSED OF AS A PCB BULK PRODUCT WASTE. AT LOCATIONS WHERE NEW WINDOWS (INCLUDING STOREFRONT WINDOW) WILL BE INSTALLED WITHIN EXISTING WINDOW OPENINGS WERE CAULK HAS BEEN REMOVED, CONTRACTOR SHALL DRILL HOLES FOR NEW WINDOW FRAME MOUNTING HARDWARE. ALL DRILLING SHALL BE PERFORMED USING HEPA EQUIPPED POWER TOOLS.

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK

THESE DOCUMENTS CONTAIN POTENTIALLY SENSITIVE INFORMATION AND SHALL BE USED FOR THEIR INTENDED PURPOSE. ONCE THE INTENDED PURPOSE HAS CEASED, THE DOCUMENTS SHALL BE DESTROYED IN A SECURE MANNER.

IT'S A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2013

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase: BID DOCUMENTS

THIRD FLOOR HAZARDOUS MATERIALS REMOVAL PLAN

Drawn By:	Checked By:	Date:
NK	SM	8-29-2018

Seal & Signature: STATE OF NEW YORK * KEVIN P. JANIK * 082957 * LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: HM103

Scale: 1/8" = 1'-0"

CONSTRUCTION NOTES:

1. DESIGN IS PER THE 2015 IBC WITH 2017 NEW YORK STATE UNIFORM CODE SUPPLEMENT (NYS-UC).
2. THESE STRUCTURAL DRAWINGS ARE NOT INTENDED AS STAND ALONE DOCUMENTS. REFER TO FULL CONSTRUCTION DOCUMENT PACKAGE FOR COMPLETE PROJECT INFORMATION AND DETAILS.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AS WORK PROGRESSES AND SHALL REPORT ANY DISCREPANCIES BETWEEN EXISTING WORK AND CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION BEFORE PROCEEDING WITH WORK.
4. DO NOT SCALE DRAWINGS.
5. ALL DETAILS AND NOTES ARE TYPICAL UNO.
6. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING AS REQUIRED BY THE MEANS AND METHODS UNDERTAKEN.
7. CONTRACTOR SHALL RETAIN A LICENSED NYS PROFESSIONAL ENGINEER FOR THE DESIGN OF ALL TEMPORARY SHORING AND SHEETING FOR REVIEW BY THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE OF STRUCTURAL DESIGN UNO.
8. PROVIDE ALL TEMPORARY BRACING UNTIL ALL REQUIRED STRUCTURAL SYSTEMS ARE IN PLACE.
9. COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY ARE THE RESPONSIBILITY OF THE CONTRACTOR AND THE MEANS AND METHODS UNDERTAKEN.
10. OBSERVE ALL CURRENT OSHA REQUIREMENTS IN CONSTRUCTION ACTIVITIES.
11. PROVIDE PLACARDS, PER EXECUTIVE LAW 382-a, AT ALL ENTRY DOORS DENOTING THE PRESENCE OF:
    - WOOD OR STEEL TRUSSES, INCLUDING BAR JOISTS
    - ENGINEERED WOOD CONSTRUCTION (I-JOISTS, LVLS, GLULAMS, ETC.)
    - PLACARDS ARE AVAILABLE AT WWW.SAFETYSIGN.COM AND MANY OTHER SOURCES.
12. SEE SPECIAL INSPECTIONS (SI) TABLES IN THE PROJECT MANUAL FOR THE INSPECTIONS TO BE PERFORMED BY THE STATE DURING CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE WORK AND ALLOW ACCESS FOR THE INSPECTIONS TO OCCUR. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE AMPLE TIME TO SCHEDULE ALL SPECIAL INSPECTIONS LISTED.
13. ASBESTOS AND PCBS MUST BE ABATED COMPLETELY PRIOR TO ANY TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCBS.
14. IF ASBESTOS OR SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED AND/OR DISTURBED, CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.

BUILDING FOUNDATION SUBGRADE PREPARATION NOTES:

1. CLEAR AND GRUB THE PROJECT WORK AREA (10 FT OUTSIDE OF EXCAVATION LIMITS OF THE FOOTPRINT PROPOSED BUILDING FOUNDATION UNO).
2. STRIP ALL TOPSOIL FROM THE PROJECT WORK AREA. STOCKPILE TOPSOIL ON SITE FOR REUSE OR DISPOSE OF OFF SITE AS DIRECTED ELSEWHERE IN THE CONTRACT DOCUMENTS.
3. EXCAVATE AND REMOVE UPPER LAYER OF UNSUITABLE SOIL FROM THE PROJECT WORK AREA. UNSUITABLE SOIL IS ANY SOIL MATERIAL THAT CONTAINS ORGANIC MATERIAL, PEAT, ROOTS, UNCONTROLLED FILL, CONCENTRATIONS OF CLAY OR SILT GREATER THAN 20% CONSTRUCTION DEBRIS, ETC. <u>REMOVE ALL UNSUITABLE SOIL MATERIAL REGARDLESS OF DEPTH.</u> DISPOSE OF UNSUITABLE SOIL MATERIAL OFF SITE.
4. EXCAVATE TO THE BOTTOM OF SUBGRADE LAYER FOR THE BUILDING SLAB ON GRADE. SEE THE CONTRACT DRAWINGS AND OR DETAILS FOR THIS ELEVATION AT THE BOTTOM OF STONE FILL, SUBBASE MATERIAL, AND OR STRUCTURAL FILL BELOW SLABS ON GRADE. NOTE THAT THIS SUBGRADE ELEVATION MAY VARY IN DIFFERENT AREAS OF THE PROJECT.
5. PROOF COMPACT THE FINAL SUBGRADE AREA WITH A SMOOTH DRUM VIBRATORY ROLLER HAVING A MINIMUM STATIC WEIGHT OF 2 TONS. DO THIS IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. OPERATE THE COMPACTOR IN VIBRATORY MODE AND COMPLETE 5 OVERLAPPING PASSES IN ONE DIRECTION. REPEAT THE PROCESS IN THE PERPENDICULAR DIRECTION.
6. ALL AREAS OF SUBGRADE THAT PUMP AND WEAVE UNDER PROOF COMPACTION, OR THAT OTHERWISE FAIL TO STABILIZE, SHALL BE MARKED FOR OVER-EXCAVATION TO REMOVE ALL ADDITIONAL UNSUITABLE MATERIAL.
7. ALL OVER-EXCAVATED AREAS SHALL BE REPLACED WITH STRUCTURAL FILL PLACED IN 8 INCH DEEP MAX LIFTS AND COMPACTED TO MINIMUM 95% MODIFIED PROCTOR.

FOUNDATION / EXCAVATION NOTES:

1. EXCAVATION FOR BUILDING FOUNDATIONS SHALL NOT BEGIN UNTIL THE PROJECT WORK AREA FOR THE BUILDING SITE HAS BEEN PREPARED IN CONFORMANCE WITH THE NOTES ABOVE.
2. ALL FURTHER FOOTING / TRENCH EXCAVATIONS BELOW THE MAIN BUILDING SLAB SUBGRADE LEVEL SHALL EXTEND VERTICALLY TO REMOVE ANY AND ALL EXISTING UNSUITABLE MATERIAL.
3. ALL EXCAVATIONS FOR CONSTRUCTION PROJECT SHALL EXTEND HORIZONTALLY 1'-6" MIN CLEAR BEYOND LIMITS OF FOOTINGS UNO.
4. FINAL GRADES SHOULD BE CAREFULLY TRIMMED TO MINIMIZE DISTURBANCE TO THE EXISTING SUBGRADE SOILS.
5. ALL EXCAVATIONS SHALL BE SLOPED TO ACHIEVE POSITIVE DRAINAGE AND TO PREVENT ACCUMULATION OF STANDING WATER DURING ALL PHASES OF CONSTRUCTION.
6. ALL ESTABLISHED FOOTING SUBGRADES SHALL BE PROOF COMPACTED WITH (3) OVERLAPPING PASSES WITH A SMOOTH DRUM WALK BEHIND VIBRATORY ROLLER OR A RAMMER TYPE COMPACTOR TO SHAPE AND SEAL THE SOIL SURFACE. ALL AREAS OF FOOTING SUBGRADES THAT FAIL TO STABILIZE SHALL BE MARKED FOR OVER-EXCAVATION TO REMOVE ALL UNSUITABLE MATERIAL.
7. ALL OVER-EXCAVATED AREAS SHALL BE REPLACED WITH STRUCTURAL FILL OR SUBBASE MATERIAL PLACED IN 8 INCH DEEP MAX LIFTS AND COMPACTED TO MINIMUM 95% MODIFIED PROCTOR.
8. PLANNED EXCAVATION DEPTHS SHOULD BE REVIEWED WITH RESPECT TO THEIR DISTANCE TO ADJACENT STRUCTURES. CONTRACTOR SHALL PROVIDE ALL NECESSARY SHEETING AND OR SHORING REQUIRED TO PERFORM THE CONTRACT WORK WITHOUT DISTURBANCE TO ADJACENT STRUCTURES AND TO PROTECT ALL UTILITIES. (SEE GENERAL NOTES 6 AND 7.)
9. MINIMUM DEPTH OF EXTERIOR FOOTINGS IS 4'-0" MIN BELOW FINISHED GRADE UNO.
10. GROUNDWATER WILL LIKELY BE ENCOUNTERED WITHIN THE EXISTING FILL SOILS AND AT THE INTERFACE WITH INDIGENOUS SOILS.
11. ALL EXCAVATION SUBGRADES SHALL BE SLOPED TO ACHIEVE POSITIVE DRAINAGE OF RAINWATER AND GROUNDWATER TO EXCAVATED SUMPS PITS TO PREVENT THE ACCUMULATION OF STANDING WATER AT ALL TIMES.
12. DEWATERING SHALL BE MAINTAINED CONTINUOUSLY THROUGHOUT THE DURATION OF THE PROJECT UNTIL ALL EXCAVATIONS ARE BACKFILLED TO ACHIEVE POSITIVE SURFACE DRAINAGE.
13. SOIL SUBGRADE CONDITIONS THAT ARE ALLOWED TO POOL STANDING WATER OR BECOME SATURATED, FROZEN, OR DISTURBED SHALL BE REWORKED AT NO ADDITIONAL COST.
14. DO NOT PLACE UNBALANCED BACKFILL AGAINST FOUNDATION WALLS UNTIL FLOOR STRUCTURE IS IN PLACE, AND CONCRETE STRENGTH HAS ACHIEVED 70% f'c (TYPICALLY 7 DAYS MINIMUM).
15. DO NOT PLACE BACKFILL AGAINST FOOTINGS, FROST WALLS, AND PIERS PRIOR TO 3 FULL DAYS AFTER CONCRETE PLACEMENT. PLACE AND COMPACT BACKFILL EVENLY AGAINST EACH SIDE IN 8 INCH MAX LIFTS.
16. DO NOT BACKFILL UNTIL FOUNDATION WATERPROOFING, INSULATION, AND DRAINAGE HAS BEEN INSPECTED AND APPROVED.

MASONRY CONSTRUCTION NOTES:

1. USE MATERIALS FROM A SINGLE SOURCE FOR EACH TYPE OF MATERIAL THROUGHOUT THE PROJECT.
2. DO NOT USE MORTAR AS GROUT TO FILL CMU CORES. USE OF MORTAR AS GROUT IS CAUSE FOR REJECTION AND REPLACEMENT OF THE WORK.
3. DO NOT USE ADMIXTURES IN THE MORTAR UNLESS APPROVED IN WRITING.
4. PLACE VERTICAL AND HORIZONTAL STEEL BAR REINFORCEMENT AND GROUT WITHIN CMU CORES DETAILED ON THESE DRAWINGS AND PER NCMA TEK MANUAL 3.2 GROUTING CONCRETE MASONRY WALLS, LATEST EDITION.
5. HOLD TOP OF GROUT LIFTS 1-1/2" BELOW TOP OF CORES TO ESTABLISH A KEY-JOINT BETWEEN NEXT COURSE OF CMU ABOVE.

STRUCTURAL STEEL FABRICATION / ERECTION NOTES:

1. STRUCTURAL STEEL COMPONENTS SHALL BE FABRICATED BY A SHOP OR FABRICATOR WITH MINIMUM OF FIVE YEARS EXPERIENCE SPECIALIZING IN THIS WORK.
2. ALL WELDING SHALL BE PERFORMED BY PERSONNEL WITH CURRENT AWS CERTIFICATION FOR THE TYPE OF WORK PERFORMED.
3. DO NOT BEGIN STEEL FABRICATION UNTIL STEEL SHOP DRAWINGS HAVE BEEN PREPARED AND APPROVED BY THE ENGINEER.
4. DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING MASONRY OR CONCRETE OBTAINS 75% OF THE MATERIAL DESIGN STRENGTH.
5. WHERE BEAM SPACING IS NOT INDICATED, SPACE BEAMS EQUALLY BETWEEN COLUMNS OR BETWEEN COLUMNS AND WALLS, TYP.
6. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW BY THE ENGINEER OF RECORD.
7. STEEL BEAMS BEARING ON MASONRY SHALL HAVE A MINIMUM OF 6" BEARING. PROVIDE BEARING PLATES AND WALL ANCHORS UNO
8. WHERE WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR SHALL DETAIL A MINIMUM WELD SIZE IN ACCORDANCE WITH AWS STANDARDS. THE ACTUAL WELD TYPE AND SIZES SHALL BE SHOWN ON THE SHOP DRAWINGS
9. PROVIDE HOT DIPPED GALVANIZED FASTENERS FOR GALVANIZED FRAMING CONNECTION AND STAINLESS STEEL FASTENERS FOR STAINLESS STEEL FRAMING CONNECTIONS
10. GALVANIZING WHERE NOTED ON THE DRAWINGS SHALL BE HOT-DIP GALVANIZING IN ACCORDANCE WITH ASTM A123, UNO

CONCRETE PLACEMENT NOTES:

1. SEE STRUCTURAL DRAWINGS FOR FOOTING DETAILS.
2. SEE STRUCTURAL DRAWINGS FOR FOUNDATION WALL SECTIONS.
3. PROVIDE SCHEDULE 40 PVC PIPE SLEEVES FOR ALL FOUNDATION WALL PENETRATIONS UNO. PROVIDE TWO RINGS OF EXPANSIVE TYPE WATERSTOP AROUND WALL ALL SLEEVES, 3" IN FROM EACH SLEEVE END. COORDINATE PVC PIPE SLEEVE SIZES AND LOCATIONS WITH ALL TRADES.
4. CONCRETE COVER DISTANCES:
   A. FOOTINGS: 3" UNO
   B. WALLS: 1-1/2" UNO
   C. PIERS AND PILASTERS: 1-1/2" UNO
   D. FLOOR SLABS: 1-1/4" UNO
5. PROVIDE MATCHING CORNER BARS FOR CONTINUOUS HORIZONTAL REINFORCEMENT IN ALL FOOTINGS AND WALLS. SEE DETAILS ON STRUCTURAL DRAWINGS.
6. PROVIDE MATCHING CORNER BARS AT ALL INTERSECTING FOUNDATION WALLS AND FOOTINGS. SEE DETAILS ON STRUCTURAL DRAWINGS.
7. PLACE ALL FORMWORK AND REINFORCEMENT PER CURRENT EDITION OF ACI 301.
8. ALL REINFORCING MUST BE SECURELY TIED IN PLACE PRIOR TO CONCRETE POUR, WET SETTING OF DOWELS IS NOT PERMITTED.
9. FOLLOW THE RECOMMENDATIONS OF ACI 305R DURING HOT WEATHER PLACEMENT
10. FOLLOW THE RECOMMENDATIONS OF ACI 306R DURING COLD WEATHER PLACEMENT.
11. ALL CONCRETE MUST BE CONSOLIDATED WITH A VIBRATOR PER ACI RECOMMENDATIONS, INCLUDING SLABS.
12. LEAVE FORMWORK IN PLACE TO AID IN CURING CONCRETE FOR A MINIMUM OF 7 DAYS PER ACI RECOMMENDATIONS. FORMWORK MAY BE STRIPPED AFTER 1 DAY AT FOOTINGS AND WALLS <u>ONLY</u> IF THE CONCRETE IS CURED BY MEANS OF A SPRAY-ON DISSIPATING ACRYLIC POLYMER CURING COMPOUND, OR BY A MOIST CURING METHOD. EARLY FORM REMOVAL AND CURING METHODS AND MATERIALS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
13. DO NOT REMOVE FORMWORK OR SHORING AT BEAMS OR SUSPENDED SLABS, OR AT WALL OPENINGS WIDER THAN 4 FT BEFORE THE 7-DAY PERIOD.
14. REMOVE ALL CONCRETE FINS OR OTHER PROJECTIONS AT FORMWORK JOINTS AND PATCH ALL VOIDS AND FORM-TIE HOLES WITH NON-SHRINK GROUT <u>ON THE SAME DAY THAT FORMWORK IS STRIPPED</u>. GRINDING THE CONCRETE OR PARGING OVER THE CONCRETE SURFACE LATER <u>WILL NOT BE ACCEPTED</u>.
15. SEE A-SERIES DRAWINGS FOR EXTERIOR WATER PROOFING, AND DRAINAGE SYSTEM DETAILS AND REQUIREMENTS. FOUNDATION WATERPROOFING MUST BE COMPATIBLE WITH EXTERIOR EXTRUDED POLYSTYRENE INSULATION BOARD.
16. PROVIDE SLAB-ON-GRADE CRACK CONTROL JOINTS AT 20'-0" MAX INTERVALS UNO ON PLANS.
17. SAW CUT SLAB ON GRADE CRACK CONTROL JOINTS (1" DEEP UNO) AS SOON AS CONCRETE MAY BE CUT WITHOUT DISLODGING AGGREGATE, PREFERABLY WITHIN 12 HOURS OF FINISHING. FILL WITH BACKER ROD AND 2-PART SELF-LEVELING SEALANT, GRAY IN COLOR WHERE EXPOSED TO VIEW.

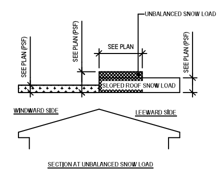
PRE-ENGINEERED COLD FORMED METAL TRUSSES:

1. ROOF TRUSSES SHALL BE DESIGNED AND FABRICATED BY A SHOP OR FABRICATOR SPECIALIZING IN THIS WORK, AND UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER LICENSED IN NYS.
2. TRUSSES SHALL BE DESIGNED AND MANUFACTURED IN CONFORMANCE WITH AISI, AND NYS UC.
3. THE TRUSS DESIGN SHALL INCLUDE SHOP DRAWINGS CLEARLY SHOWING THE TRUSS FRAMING CONFIGURATION AS SCHEMATICALLY INDICATED ON THE CONTRACT DRAWINGS. THE SHOP DRAWING PACKAGE SHALL DETAIL TRUSS ANCHORAGE, BLOCKING, CURBING, AND MISC FRAMING. ALL TRUSS SHOP DRAWINGS AND CALCULATIONS SHALL BEAR THE STAMP AND SIGNATURE OF THE ENGINEER RESPONSIBLE FOR THE DESIGN.
4. THE CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER FOR THE DESIGN OF ALL PORTIONS AND COMPONENTS OF THE ROOF FRAMING EXCLUDED BY THE TRUSS SUPPLIER. A COMPLETE DESIGN PACKAGE SHALL BE SUBMITTED FOR REVIEW AND COMMENT BEFORE TRUSS FABRICATION BEGINS.
5. MAXIMUM TRUSS DEFLECTION RATIOS SHALL BE: SPAN /480 (LIVE) AND SPAN / 360 (TOTAL).
6. TRUSSES SHALL BE MANUFACTURED, HANDLED, AND ERECTED TO IN A MANNER TO PRECLUDE EXCESSIVE LATERAL BENDING STRESSES.
7. TRUSSES SHALL BE ANCHORED TO TOP OF WALL, BEAM, GIRDER TRUSSES, AND OTHER BEARING SURFACES ONLY WITH APPROVED CONNECTION. THE MINIMUM DESIGN UPLIFT FORCE TO BE RESISTED AT BEARING POINTS BY ALL TRUSSES SHALL BE 1500 LBS. ALL TRUSSES SHALL BE SECURED WITH 1500 LB UPLIFT CAPACITY CONNECTORS, UNLESS AN UPLIFT REACTION IN EXCESS OF 1500 LBS IS REQUIRED BY THE TRUSS DESIGN. IN THIS CASE THE ENGINEER OF RECORD SHALL SPECIFY AN ALTERNATE STRONGER UPLIFT CONNECTOR.
8. FIELD CUTTING AND/OR MODIFICATION OF TRUSSES IS STRICTLY PROHIBITED.
9. DAMAGED TRUSSES SHALL BE REPLACED WITH NEW TRUSSES. TRUSS REPAIRS MAY BE MADE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD (EOR) FOR THE OVERALL BUILDING DESIGN. REPAIR DETAILS SHALL BE PREPARED BY THE TRUSS MANUFACTURER UNDER THE DIRECTION OF THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THE ORIGINAL TRUSS DESIGN. ALL REPAIR DETAILS SHALL SEALED BY THIS ENGINEER, AND SHALL BE SUBMITTED FOR REVIEW AND COMMENT BY THE EOR BEFORE ANY REPAIRS ARE UNDERTAKEN.
10. INSTALL, BRIDGE, AND BRACE COLD-FORMED STEEL TRUSSES ACCORDING TO AISI S200, AISI S214, AISI's CODE OF STANDARD PRACTICE FOR COLD-FORMED STEEL STRUCTURAL FRAMING, AND MANUFACTURER'S WRITTEN INSTRUCTIONS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
11. TEMPORARY BRACING IS THE FULL RESPONSIBILITY OF THE CONTRACTOR.
12. MINIMUM PERMANENT TRUSS BRACING SHALL CONSISTING OF THE FOLLOWING:
    A. CONTINUOUS HORIZONTAL LONGITUDINAL BRACING ALONG BOTTOM CHORDS AT 10 FT MAX O.C.
    B. W-BRACING ASSEMBLIES AT BOTTOM CHORDS LATERALLY ALONG LENGTH OF TRUSSES; W-DIAGONALS EXTENDING LONGITUDINALLY OVER MIN. 4 TRUSSES, W-BRACING ASSEMBLIES SPACED AT 20 FT MAX O.C.
    C. DIAGONAL GABLE END BRACING AT 10 FT MAX O.C. OVER THE WIDTH OF BUILDING.
    D. CONTINUOUS HORIZONTAL LONGITUDINAL BRACING ALONG TRUSS WEBS IDENTIFIED ON TRUSS SHOP DRAWINGS AS REQUIRING COMPRESSION BRACING. SOME TRUSS WEBS MAY REQUIRE MULTIPLE ROWS OF BRACING AS REQUIRED BY TRUSS DESIGN.
    E. CROSS BRACING ASSEMBLIES ALONG TRUSS WEB HORIZONTAL BRIDGING AT 20 FT MAX OC. EXTEND CROSS BRACING FROM BOTTOM CHORDS TO TOP CHORDS ACROSS MINIMUM OF TWO TRUSS BAYS.
    F. CONTINUOUS 150F125-54 (MINIMUM) HAT CHANNELS SHALL BE PROVIDED UNDER CAP TRUSSES AT 2'-0" OC

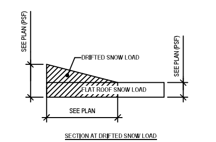
ROOF TRUSS DESIGN LOADS	
ELEMENT	LOAD
TOP CHORD UNIFORM DEAD	10 PSF (a)
BOTTOM CHORD UNIFORM DEAD	10 PSF
BOTTOM CHORD MOVING POINT LOAD	300 lbs (b)
BOTTOM CHORD UNIFORM LIVE CONCEALED SPACES	20 PSF (c)
GROUND SNOW, Pg	40 PSF
FLAT ROOF SNOW LOAD, Pf	28 PSF
TERRAIN CATEGORY	B
THERMAL FACTOR, Ct	1.0
IMPORTANCE FACTOR, Is	1.0
SLOPED ROOF SNOW LOAD, Ps	28 PSF
UNBALANCED AND DRIFTED SNOW LOAD	SEE H4/S001
ULTIMATE WIND SPEED, Vult (RISK CATEGORY II)	115 MPH

(a) ROOF DEAD LOAD SHALL BE APPLIED OVER THE SLOPE OF THE TOP CHORDS.
(b) POINT LOADS SHALL BE APPLIED AT ALL LOCATIONS ALONG BOTTOM CHORDS TO ACCOUNT FOR THE SUPPORT OF UTILITIES. MULTIPLE POINT LOADS OF THIS MAGNITUDE SHALL BE APPLIED SIMULTANEOUSLY WITHIN EACH PANEL POINT BAY TO ACCOUNT FOR MULTIPLE UTILITIES SUPPORTED ALONG EACH TRUSS. THESE POINT LOADS SHALL BE IN ADDITION TO ALL UNIFORM LOADS.
(c) BOTTOM CHORD LIVE LOAD IN CONCEALED SPACED MAY BE APPLIED IN A SEPARATE LOAD CASE FROM SNOW LOADS.
(d) ROOF SNOW LOAD SHALL BE APPLIED OVER THE HORIZONTAL PROJECTION OF THE TOP CHORDS.
(e) MAX LIVE LOAD DEFLECTION: L/480.
(f) MAX TOTAL LOAD DEFLECTION: L/360.
(g) PROVIDE DESIGN OF AND SPECIFY CONNECTORS FOR SUPPORT OF TRUSSES SUPPORTED BY PERPENDICULAR GIRDER TRUSSES AND STUD WALLS, AND WHERE TRUSSES ALIGN WITH HSS COLUMNS.
(h) ALL ROOF TRUSSES SHALL BE ANCHORED TO WALL PLATES WITH 1500 lb CAPACITY UPLIFT CONNECTERS PER TRUSS DESIGN. WHERE THE DESIGN UPLIFT REACTION EXCEEDS 1500 POUNDS, THE TRUSS DESIGNER SHALL FLAG THE TRUSS DESIGNS FOR DESIGN OF A STRONGER CONNECTION BY THE ENGINEER OF RECORD.

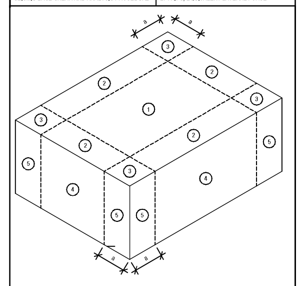
STRUCTURAL DESIGN DATA	
RISK CATEGORY	II
SOIL BEARING CAPACITY	5000 PSF (PER GEOTECHNICAL EVALUATION DATED AUGUST 28, 2014)
LIVE LOADS	LIVE LOADS
MECHANICAL PENTHOUSE	100 PSF
PRIVATE ROOMS AND CORRIDORS SERVING THEM	40 PSF
PUBLIC ROOMS AND CORRIDORS SERVING THEM	100 PSF
STAIRS AND EXIT WAYS	100 PSF
DEAD LOADS	DEAD LOADS
ROOFING MATERIALS	10 PSF
ROOF (TRUSSES AND STEEL SUPPORT FRAMING	8 PSF
MECHANICAL ACCESS PLATFORM FRAMING	6 PSF
MECHANICAL PENTHOUSE FLOOR AND FRAMING	25 PSF + FIXED EQUIPMENT WEIGHT
6 1/2" SLAB (1ST, 2ND, 3RD, AND 4TH FLOOR)	80 PSF
5" SLAB (LOUNGE AREA, AND PARTIAL 1ST FLOOR)	62 PSF
MEP COLLATERAL LOADS AT EACH FLOOR	1.5 PSF
COMBINED MASONRY AND STEEL STUD PARTITIONS	10 PSF
FINISHED FLOOR MATERIALS - GENERAL	2 PSF
FINISHED FLOOR MATERIALS - TILE	15 PSF
SNOW LOADS	SNOW LOADS
GROUND SNOW LOAD, Pg	40 PSF
FLAT ROOF SNOW LOAD, Pf	28 PSF
SLOPED ROOF SNOW LOAD, Ps	28 PSF, WITH UNBALANCED & DRIFT PER H4/S001
SNOW EXPOSURE FACTOR, Ce	1.0
SNOW LOAD IMPORTANCE FACTOR, Is	1.0
THERMAL FACTOR, Ct	1.0
WIND DESIGN	WIND DESIGN
ULTIMATE WIND SPEED, Vult (RISK CATEGORY II)	115 MPH
WIND EXPOSURE CATEGORY	B
INTERNAL PRESSURE COEFFICIENT, GCpi	±0.18
SEISMIC DESIGN	SEISMIC DESIGN
SEISMIC IMPORTANCE FACTOR, Ie	1.0
SPECTRAL RESPONSE COEFFICIENT, Sds	0.197
SPECTRAL RESPONSE COEFFICIENT, Sd1	0.104
SITE CLASSIFICATION (SOIL TYPE)	C (PER GEOTECHNICAL REPORT)
BASIC FORCE RESISTING SYSTEM 1	ORDINARY RC MOMENT RESISTING FRAMES
BASIC FORCE RESISTING SYSTEM 2	STEEL SYSTEMS NOT DETAILED
RESPONSE MODIFICATION COEFFICIENT, R	3
SEISMIC DESIGN CATEGORY (SDC)	B
SEISMIC BASE SHEAR AND ANALYSIS PROCEDURE	274 KIPS, EQUIVALENT LATERAL FORCE



SECTION AT UNBALANCED SNOW LOAD



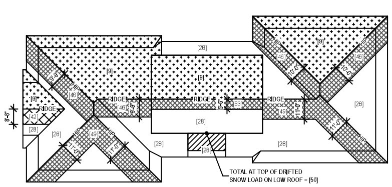
SECTION AT DRIFTED SNOW LOAD



ROOF DESIGN LOAD NOTES:

1. PRE-ENGINEERED TRUSSES SHALL BE DESIGNED FOR THE LOADS INDICATED ON S001 AND THE FOLLOWING SNOW LOADING CONDITIONS APPLIED SEPARATELY. CLEARLY INDICATE ALL APPLIED LOADS ON TRUSS DELEGATED DESIGN SUBMITTAL FOR REVIEW BY THE EOR.
   A. THE UNBALANCED SNOW LOAD INDICATED
   B. THE UNBALANCED SNOW LOAD INDICATED MIRRORED ABOUT THE RIDGE AND HIPS (WINDWARD AND LEEWARD DIRECTIONS REVERSED)
   C. A UNIFORM 28 PSF BALANCED ROOF SNOW LOAD
2. LOADS INDICATED ARE TOTAL SNOW LOAD FOR FLAT ROOF AND SLOPED ROOFS, Pf AND Ps. SEE CONCEPTUAL DIAGRAMS ABOVE FOR FURTHER EXPLANATION.

COMPONENTS AND CLADDING WIND PRESSURES (FOR EFFECTIVE WIND AREA = 50 SF)		
DISTANCE "a"	7.20 FT	
ZONE	ULTIMATE WIND PRESSURE	ASD WIND PRESSURE
1	-24.28 PSF / +12.97 PSF	-14.57 PSF / +7.78 PSF
2	-36.77 PSF / +12.97 PSF	-22.06 PSF / +7.78 PSF
3	-56.64 PSF / +12.97 PSF	-33.98 PSF / +7.78 PSF
4	-27.73 PSF / +25.35 PSF	-16.64 PSF / +15.21 PSF
5	-32.01 PSF / +25.35 PSF	-19.21 PSF / +15.21 PSF



H4 UNBALANCED AND DRIFTED SNOW LOAD SCHEMATIC

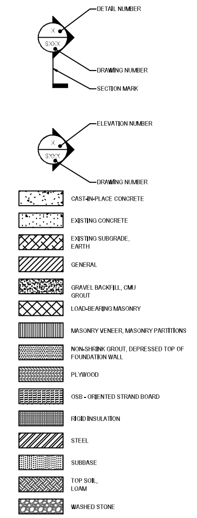
REF: S302 SCALE: 1/32" = 1'-0"

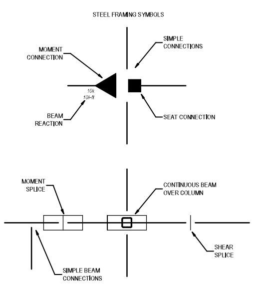
STRUCTURAL DRAWING LEGEND

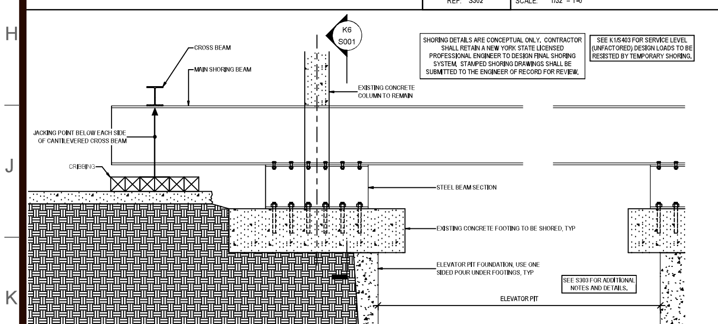
NUMBER	TITLE
REF:	SCALE

STRUCTURAL DRAWING ABBREVIATIONS

ADD	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
APPROX	APPROXIMATE
B/FTG	BOTTOM OF FOOTING
BLDG	BUILDING
BOT	BOTTOM
BP	BASE PLATE
BRG	BEARING
CANT	CANTILEVER
CFMF	COLD FORMED METAL FRAMING
CJ	CONTROL, CONTRACTION, OR CONSTRUCTION JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DO	DITTO
DWG	DRAWING
EA	EACH
EL	ELEVATION
EMBD	EMBED, EMBEDMENT
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FDN	FOUNDATION
FOW	FACE OF WALL
FS	FAR SIDE
FTG	FOOTING
GA	GAGE
GWB	GYPSUM WALL BOARD
HDG	HOT DIP GALVANIZED
HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SHAPE
ID	INSIDE DIAMETER
INFO	INFORMATION
INT	INTERIOR
INV	INVERT
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LVL	LAMINATED VENEER LUMBER
LW	LIGHT WEIGHT
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
NIC	NOT IN CONTRACT
No.	NUMBER
NTS	NOT TO SCALE
NW	NORMAL WEIGHT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
PAF	POWDER ACTUATED FASTENER
PCF	POUNDS PER CUBIC FOOT
PERP	PERPENDICULAR
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
REINF	REINFORCEMENT
REQD	REQUIRED
REV	REVISED, REVISION
RO	ROUGH OPENING
SIM	SIMILAR
SP	SPACE, SPACES, SPACED
SQ	SQUARE
STD	STANDARD
STL	STEEL
T/	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
WCJ	WALL CONTROL JOINT
WWR	WELDED WIRE REINFORCEMENT

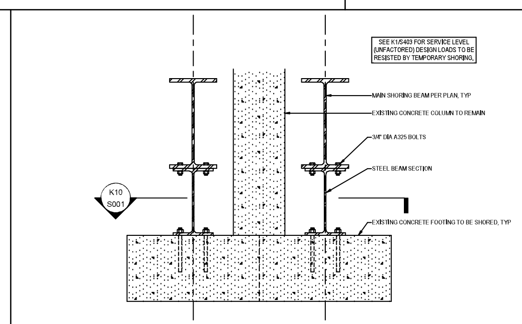






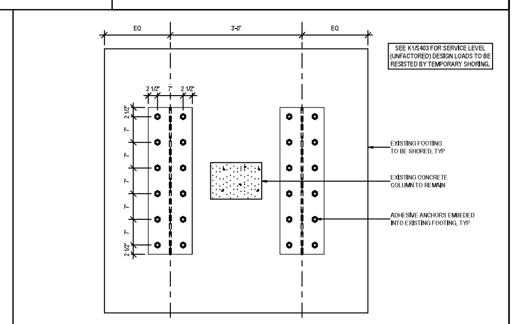
K1 CONCEPTUAL TEMPORARY SHORING SECTION

REF: SCALE: 1/2" = 1'-0"



K6 CONCEPTUAL TEMPORARY SHORING DETAIL

REF: S001 SCALE: 3/4" = 1'-0"



K10 CONCEPTUAL TEMPORARY SHORING DETAIL

REF: S001 SCALE: 3/4" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

STRUCTURAL GENERAL NOTES, LOADS, AND LEGEND

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature

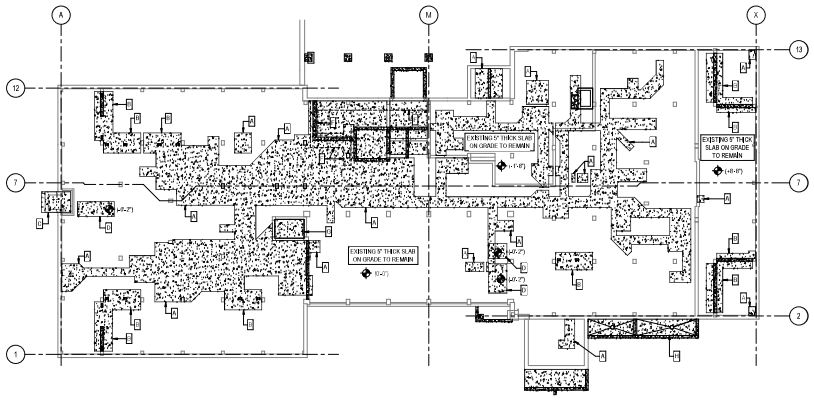
STATE OF NEW YORK · JEFFREY A. BAK · 078815 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

S001

Scale: As indicated



D1 SLAB ON GRADE PLAN

REF: S101 SCALE: 1/16" = 1'-0"

PLAN NORTH

SLAB PLAN KEYED NOTES

A. 5" SLAB ON GRADE INFILL WHERE EXISTING SLAB IS REMOVED, SEE C105501 FOR TYPICAL SLAB ON GRADE INFILL DETAIL. APPROXIMATE EXTENT SHOWN ON THIS PLAN. COORDINATE ACTUAL EXTENT WITH D-SERIES SLAB REMOVALS AND ALL REQUIRED UNDERSLAB UTILITIES AS REQUIRED BY ALL TRADES. TYP
B. 8" SLAB ON GRADE INFILL WHERE EXISTING SLAB IS REMOVED FOR EXCAVATION AND CONSTRUCTION OF BRACE FRAME FOUNDATIONS. LOCALLY THICKEN SLAB TO 8" THICK OVER BRACE FRAME FOUNDATIONS AS DETAILED. APPROXIMATE EXTENT OF SLAB REPAIR SHOWN. SEE K105100 AND K105005 FOR REQUIRED FOUNDATION WORK AT BRACE FRAMES, PIN SLAB ON GRADE INFILL TO EXISTING SLAB ON GRADE AT PERIMETER SIMILAR TO C105501. TYP
C. BUSH HAMMER EXISTING CONCRETE SURFACE TO REMOVE ALL UNSOUND MATERIAL. REMOVE A MINIMUM OF 1" OF MATERIAL. APPLY BONDING AGENT AND OVERLAY 6" ± OF CONCRETE WITH INTEGRAL COLOR PIGMENT AND FIBROUS REINFORCING. PROVIDE A LIGHT BROOM FINISH.
D. 3" SLAB ON GRADE INFILL WHERE EXISTING SLAB IS REMOVED FOR RECESSED WALK-OFF MAT. TOP OF SLAB TO BE RECESSED 1" BELOW SURROUNDING SLAB. APPROXIMATE EXTENT SHOWN ON THE PLAN COORDINATE ACTUAL EXTENT WITH A-SERIES DRAWINGS AND WALK OFF MAT REQUIREMENTS. PIN RECESSED SLAB ON GRADE INFILL TO EXISTING SLAB ON GRADE AT PERIMETER SIMILAR TO C105501.
E. THICKEN SLAB ON GRADE TO 8" THICK x 12" WIDE UNDER STAIR STRINGERS
F. THICKEN SLAB ON GRADE TO 12" THICK x 24" WIDE THICKENED SLAB UNDER ALL 8" CMU BEARING WALLS. TYP
G. 9" SLAB ON GRADE INFILL OVER No. 2 STONE WITHIN EXISTING ELEVATOR PIT. T/SLAB = T/EXISTING BASEMENT SLAB
H. 9" SLAB ON GRADE AT AREAWAY. COORDINATE FLOOR DRAIN LOCATIONS WITH P-SERIES DRAWINGS. PITCH SLAB 1/8" PER FT MINIMUM TO DRAIN. SEE A-SERIES DRAWINGS FOR TOP OF HIGH POINT OF SLAB

SLAB PLAN GENERAL NOTES

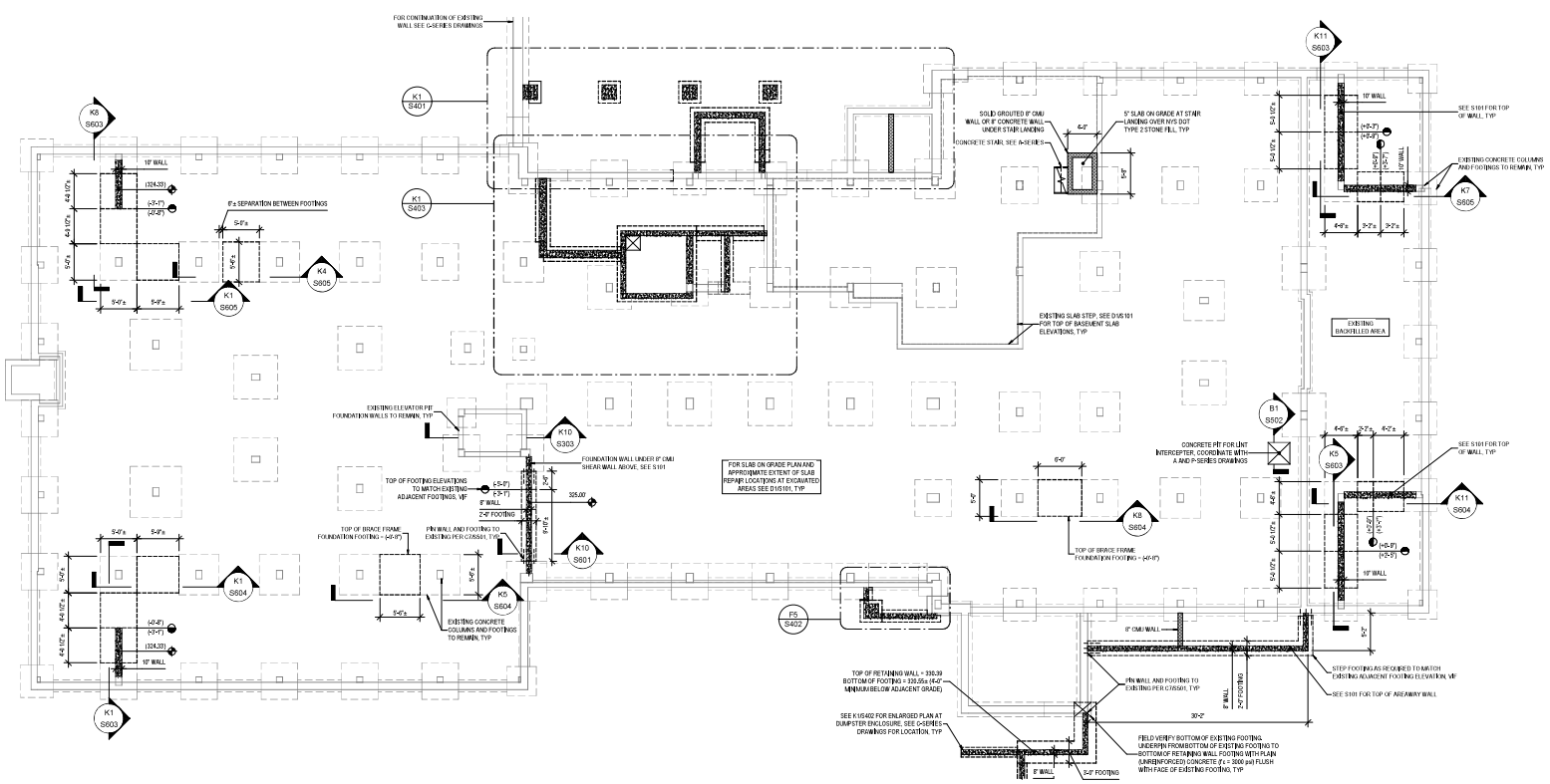
1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT FLOOR SLAB
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 325.00'
3. ELEVATIONS NOTED THUS (+x-x) ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 1.
4. SEE K105100 FOR FOUNDATION AND BASEMENT STRUCTURE PLAN.
5. THE EXTENT OF SLAB INFILL ON THIS PLAN IS REPRESENTED SCHEMATICALLY. COORDINATE ACTUAL EXTENT WITH OTHER TRADES AND MEANS OR METHODS USED TO EXCAVATE FOR FOUNDATION ELEMENTS.
6. SEE K105501 FOR TYPICAL SLAB ON GRADE DETAIL.
7. SEE C105501 FOR TYPICAL SLAB ON GRADE INFILL DETAIL AND UTILITY TRENCHES. COORDINATE PLACEMENT, BEDDING AND BACKFILL AT UTILITY TRENCHES WITH INDIVIDUAL TRADES.
8. PIN ALL SLABS TO ADJACENT SLABS PER C105501 AND C105501. TYP
9. EXISTING SLAB THICKNESSES ARE APPROXIMATE IN ACCORDANCE WITH RECORD DRAWINGS. FIELD VERIFY ACTUAL THICKNESS AS REQUIRED TO QUANTIFY REMOVALS. TYP
10. NOT ALL HOUSEKEEPING PADS FOR MECHANICAL EQUIPMENT ARE SHOWN ON THIS PLAN. SEE EMC502 FOR DETAILS. COORDINATE EXACT LOCATION OF ALL REQUIRED HOUSEKEEPING PADS WITH OTHER TRADES. TYP.

FOUNDATION AND BASEMENT STRUCTURE PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT FLOOR SLAB
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 325.00'
3. ELEVATIONS NOTED THUS (+x-x) ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 1.
4. SEE D105100 FOR SLAB ON GRADE INFORMATION NOT SHOWN FOR CLARITY
5. FOOTING ELEVATIONS NOTED ON THE PLAN ARE TO TOP OF FOOTING UNO.
6. COLUMN FOOTING LABELS F.X.X REFER TO SCHEDULE K105402
7. CONNECTION LABELS F.X.X REFER TO DETAILS ON SHEET K105402. SEE PIER SECTIONS FOR ADDITIONAL INFORMATION.
8. SEE K105501 FOR TYPICAL EXCAVATION AND BACKFILL AT FOUNDATION WALL REQUIREMENTS
9. SEE K105501 FOR TYPICAL FOOTING STEP REQUIREMENTS. COORDINATE STEPPED FOOTINGS WITH EXISTING ADJACENT FOOTINGS. APPROXIMATE TOP OF FOOTING ELEVATIONS ARE PROVIDED ON PLAN, FIELD VERIFY. TYP.
10. SEE G105501 FOR TYPICAL CONCRETE WALL JOINT DETAILS. WALL CONSTRUCTION JOINTS CAN BE PLACED AT CONTRACTORS DISCRETION.
11. SEE G105501 FOR TYPICAL WALL CORNER AND TEE REINFORCEMENT. SIMILAR SUPPLEMENTAL REINFORCEMENT IS REQUIRED AT CORNERS AND TEES OF FOOTINGS AND THICKENED SLABS. TYP.
12. SEE G105501 FOR FLOATING ENTRY EXTENDED SLABS.
13. SEE C105501 FOR WALL SLEEVE PENETRATION DETAILS. SLEEVE ALL WALL PENETRATIONS 1 1/2" DIAMETER AND LARGER. TYP.
14. SEE C105501 FOR CONCRETE FINISHING DETAILS. PIN ALL WALLS, FOOTINGS, AND SLABS TO EXISTING, UNO.

FOUNDATION PLAN SYMBOLS

(HIGH) (LOW) — FOUNDATION WALL STEP MARK
(HIGH) (LOW) — FOUNDATION FOOTING STEP MARK
(HIGH) (LOW) — FOUNDATION WALL SHELF STEM MARK
(ELEV) — FOUNDATION TOP OF WALL MARK



K1 FOUNDATION AND BASEMENT STRUCTURE PLAN

REF: S101 SCALE: 1/8" = 1'-0"

PLAN NORTH

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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

FOUNDATION AND BASEMENT STRUCTURE PLAN AND SLAB ON GRADE PLAN

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
S100

Scale: As indicated

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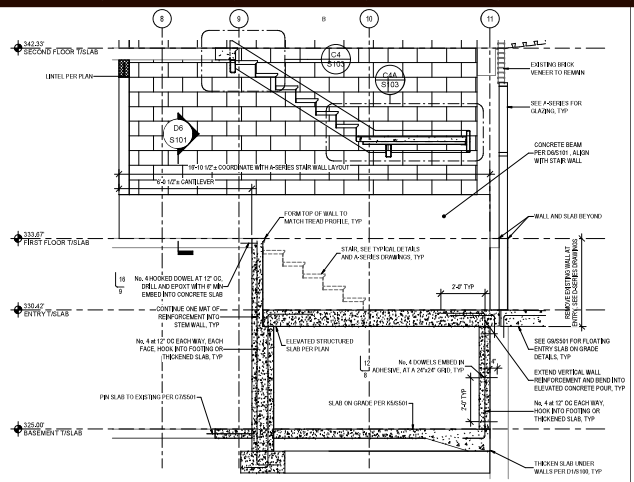
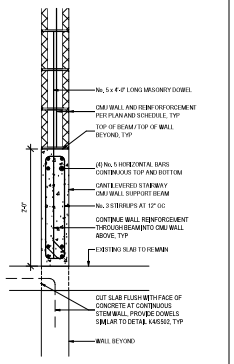


D1	SECTION AT CMU SUPPORT BEAM
REF: S403	SCALE: 3/8" = 1'-0"



D6	BEAM SECTION
REF: S101	SCALE: 1" = 1'-0"

FIRST FLOOR STRUCTURE PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT SLAB.
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 325.00'.
3. TOP OF EXISTING ELEVATED SLAB ON THIS PLAN = +/-4'-0" ABOVE THE REFERENCE ELEVATION IN NOTE 1, THIS ELEVATION IS EQUIVALENT TO SITE ELEVATION 331.67'.
4. ELEVATIONS OF MEMBERS NOTED THUS: +/-( ) ON THIS PLAN ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 3.
5. SEE COLUMN SCHEDULE ON S001 FOR ADDITIONAL INFORMATION.
6. EQUALLY SPACE BEAMS AND JOISTS BETWEEN COLUMNS WHEN SPACING DIMENSIONS ARE NOT GIVEN.
7. SEE PLAN FOR DECK / SLAB REQUIREMENTS.
8. BF DENOTES A BRACED FRAME. SEE S603, S604, AND S605 FOR FRAME SCHEMATIC STRUCTURAL INFORMATION.
9. SEE DETAIL K5/S510 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
10. SEE DWG B1/S504 FOR LOOSE LINTEL SCHEDULE. NOTE THAT NOT ALL LINTELS IN WALLS ARE SHOWN ON PLAN.
11. COORDINATE FLOOR DECK / SLAB OPENING QUANTITY, SIZES, AND LOCATIONS WITH MEP AND A-SERIES DWGS, AND WITH APPROVED SHOP DRAWINGS FOR ALL TRADES.
12. SEE NOTE ON S001 FOR ADDITIONAL REQUIREMENTS.

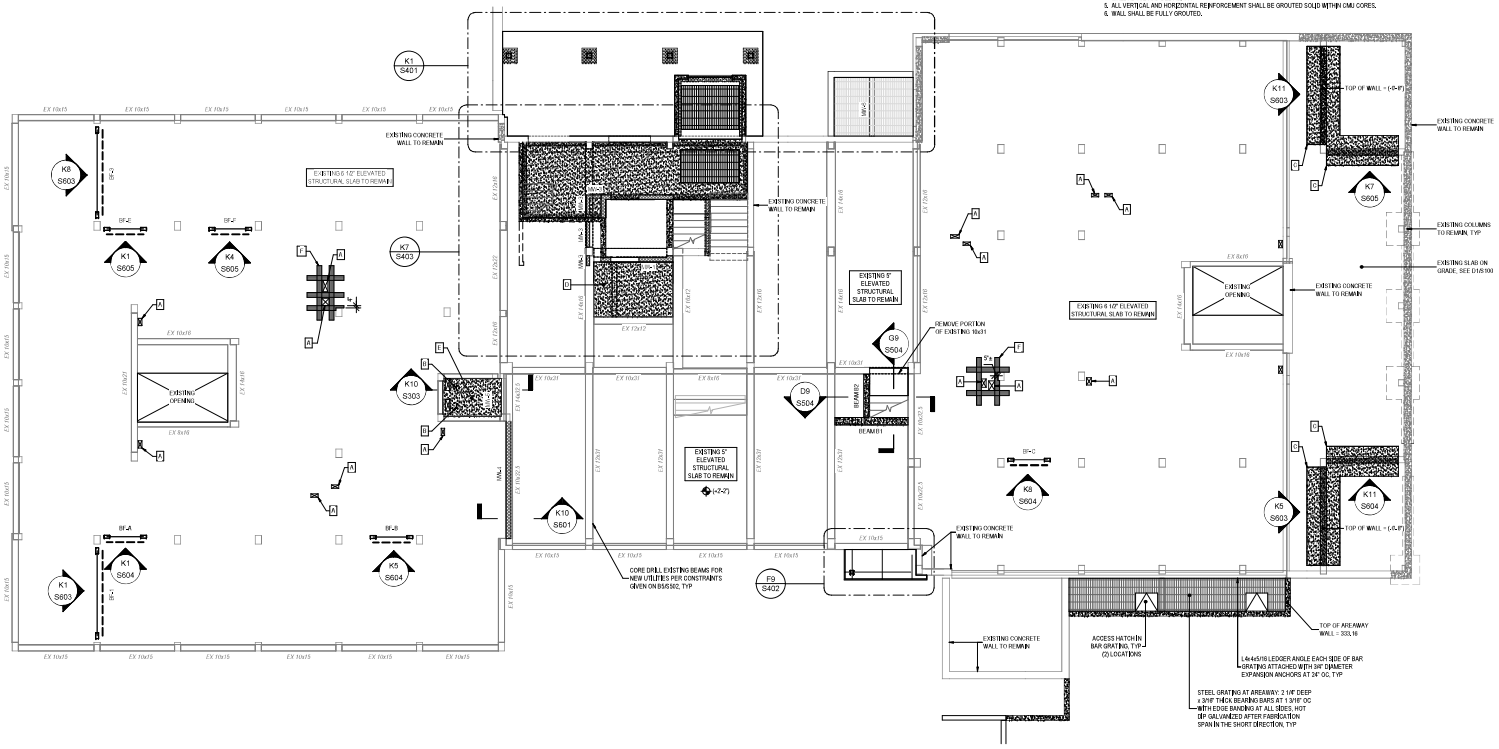
STRUCTURAL PLAN KEYED NOTES

A. LOCALLY SAW CUT PENETRATIONS IN EXISTING FLOOR SLAB TIGHT AROUND INDIVIDUAL DUCTS, DO NOT OVER CUT, APPROXIMATE SIZE SHOWN. COORDINATE ACTUAL SIZE WITH OTHER TRADES, SEE F4/S503, TYP
B. CB/11.5 VERTICAL COORDINATE LOCATION WITH APPROVED HANDICAP LIFT
C. SEE D1/S100 FOR APPROXIMATE EXTENT OF SLAB ON GRADE REPAIR, TYP
D. 6 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC PER B1/S503
E. 6 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC. DEPRESS SLAB 3" BELOW EXISTING SLAB
F. FRP REINFORCING AT PENETRATIONS AS SHOWN AT TOP AND BOTTOM OF EXISTING SLAB. SEE K1/S503 FOR TYPICAL FRP DETAILS, TYP
G. 6 1/2" SUSPENDED SLAB INFILL PER K5/S503
H. APPROXIMATE LOCATION OF MECHANICAL ERU, DESIGN WEIGHT = 5,500 LBS. SEE ATTIC FRAMING NOTE 12. PROVIDE 6" THICK HOUSEKEEPING PAD PER E/M/S502 UNDER MECHANICAL ERU, TYP.
I. JOIST HEADER: L4x4x5/16", VERTICAL LEG DOWN FACING OPENING, TOP OF HORIZONTAL LEG = (-0'-2 1/2") TO ACCOUNT FOR STANDARD BAR JOIST SEAT OR JOIST SUBSTITUTE BEARING
J. LEDGER ANGLE SUPPORTING FLOOR CONSTRUCTION PER C7/S510
K. LEDGER ANGLE SUPPORTING BAR JOISTS PER G5/S510
L. BEAM POCKET IN CMU PER C5/S510
M. ANGLE FRAMING AROUND DECK OPENING PER G1/S510
N. 6" TALL CONCRETE CURB AROUND ATTIC FLOOR HATCH. SEE A-SERIES DRAWINGS. REINFORCE WITH (2) No. 5 CONTINUOUS AROUND PERIMETER, TOP AND BOTTOM, TYP
O. REINFORCE DECK AT PENETRATION PER G1/S510. APPROXIMATE LOCATION OF DUCT SHOWN. COORDINATE WITH M-SERIES, A-SERIES, AND APPROVED DUCT LAYOUT, TYP

MASONRY WALL REINFORCING SCHEDULE			
MARK	WALL SIZE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
MW-1 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 6 AT 4'-4" OC
MW-2 (NOTE 4, 6)	12" CMU	No. 6 AT 1'-4" OC	No. 6 AT 4'-4" OC
MW-3	6" CMU	No. 4 AT 4'-0" OC	No. 4 AT 4'-4" OC
MW-4 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 6 AT 4'-4" OC
MW-5	4" CMU	NONE, SOLID GROUT	NONE, SOLID GROUT
MW-6	8" CMU	SEE D5/S504	SEE D5/S504

MASONRY WALL REINFORCING SCHEDULE NOTES:

1. SEE PLAN FOR WALL MARK LOCATIONS. COORDINATE EXACT LOCATIONS WITH A-SERIES DRAWINGS.
2. CMU WALLS SHOWN ARE LIMITED TO THOSE THAT LEND CLARITY TO THE INTENT OF THE STRUCTURAL DRAWINGS. SEE A-SERIES DRAWINGS FOR WALLS NOT SHOWN
3. SEE K1/S504 FOR TYPICAL CMU WALL REINFORCING ELEVATION
4. WHERE NOT SPECIFICALLY DETAILED OTHERWISE, VERTICAL BARS SHALL BE CONTINUOUS BETWEEN LEVELS TO CONNECT SHEAR WALL ABOVE AND BELOW, TYP
5. ALL VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE GROUTED SOLID WITHIN CMU CORES.
6. WALL SHALL BE FULLY GROUTED.



K1	FIRST FLOOR STRUCTURE PLAN
REF: S101	SCALE: 1/8" = 1'-0"

TO NORTH

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Project Key

REVISIONS

Description	Date:

Project Title: STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase: BID DOCUMENTS

FIRST FLOOR STRUCTURE PLAN

Drawn By:	Checked By:	Date:
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DASNY Project No: 341830

Drawing Number: S101

Scale: As indicated

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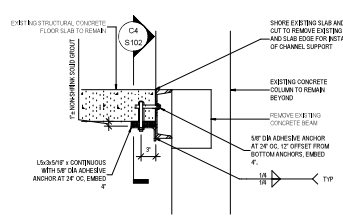
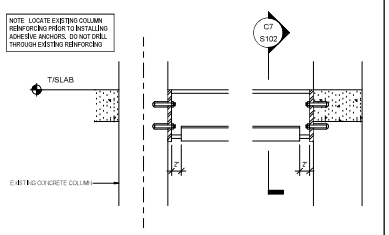
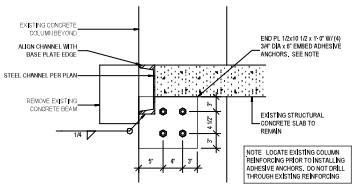


C1	SECTION AT LIFT CHANNEL
REF: S102	SCALE: 1" = 1'-0"



C4	CONNECTION DETAIL AT LIFT CHANNEL
REF: S102	SCALE: 1" = 1'-0"



C7	SECTION AT LIFT CHANNEL
REF: S102	SCALE: 1" = 1'-0"

SECOND FLOOR STRUCTURE PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT SLAB.
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 325.0'.
3. TOP OF EXISTING ELEVATED SLAB ON THIS PLAN = +17'-4" ABOVE THE REFERENCE ELEVATION IN NOTE 1, THIS ELEVATION IS EQUIVALENT TO SITE ELEVATION 342.3'.
4. ELEVATIONS OF MEMBERS NOTED THUS +-( ) ON THIS PLAN ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 3.
5. THE REQUIRED QUANTITY OF SHEAR STUDS FOR COMPOSITE BEAMS ARE DENOTED WITH [XX] AFTER THE BEAM LABEL.
6. SEE COLUMN SCHEDULE ON S001 FOR ADDITIONAL INFORMATION.
7. EQUALLY SPACE BEAMS AND JOISTS BETWEEN COLUMNS WHEN SPACING DIMENSIONS ARE NOT GIVEN.
8. SEE PLAN FOR FLOOR DECK / SLAB REQUIREMENTS.
9. BF DENOTES A BRACED FRAME. SEE S003, S004, AND S005 FOR FRAME SCHEMATIC STRUCTURAL INFORMATION.
10. SEE DETAIL 1/S5510 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
11. SEE DWG B1/S504 FOR LOOSE LINTEL SCHEDULE. NOTE THAT NOT ALL LINTELS IN WALLS ARE SHOWN ON PLAN.
12. COORDINATE FLOOR DECK / SLAB OPENING QUANTITY, SIZES, AND LOCATIONS WITH MEP AND A-SERIES DWGS, AND WITH APPROVED SHOP DRAWINGS FOR ALL TRADES.
13. SEE NOTE ON S001 FOR ADDITIONAL REQUIREMENTS.

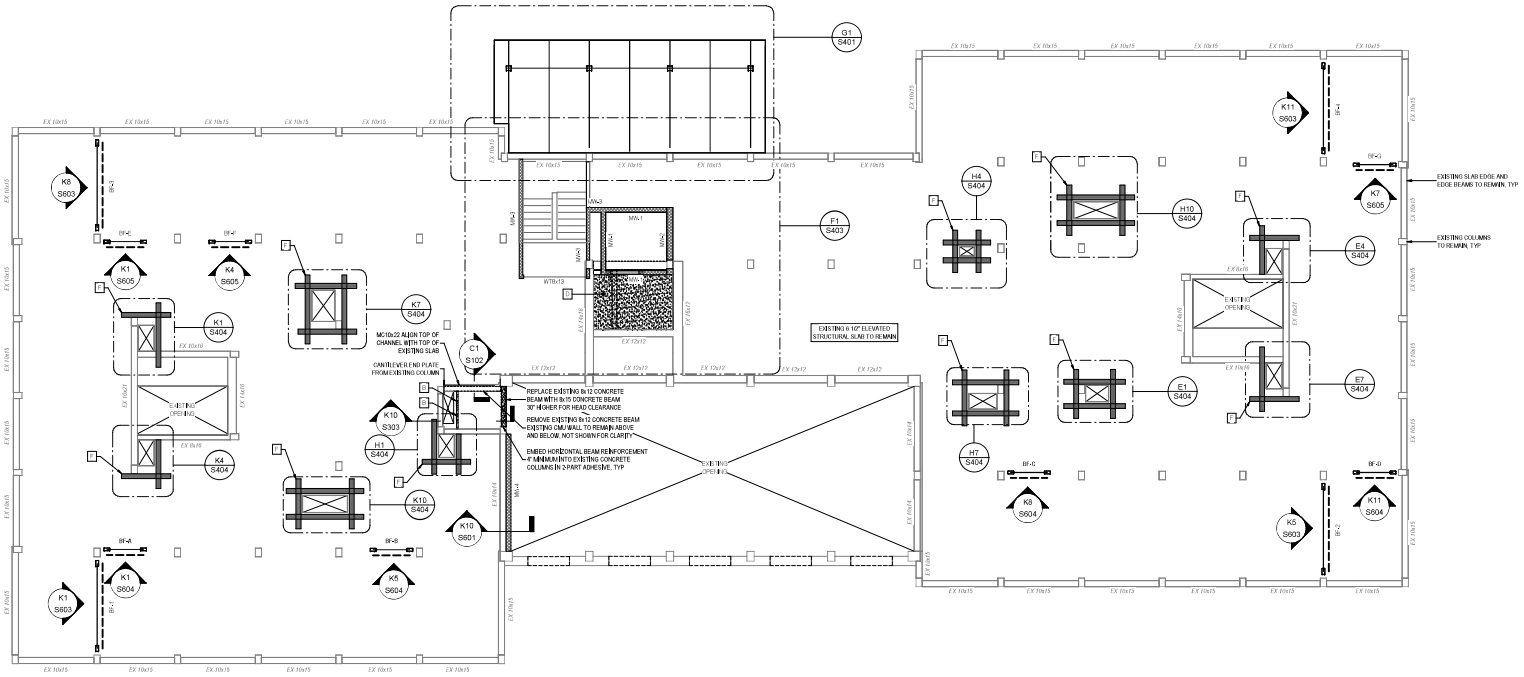
STRUCTURAL PLAN KEYED NOTES

A. LOCALLY SAW CUT PENETRATIONS IN EXISTING FLOOR SLAB TIGHT AROUND INDIVIDUAL DUCTS, DO NOT OVER CUT, APPROXIMATE SIZE SHOWN, COORDINATE ACTUAL SIZE WITH OTHER TRADES, SEE F/M5303, TYP
B. CBV1.5 VERTICAL, COORDINATE LOCATION WITH APPROVED HANDICAP LIFT
C. SEE D/S5100 FOR APPROXIMATE EXTENT OF SLAB ON GRADE REPAIR, TYP
D. 6 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC PER B1/S5303
E. 6 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC, DEPRESS SLAB 7" BELOW EXISTING SLAB
F. FRP REINFORCING AT PENETRATIONS AS SHOWN AT TOP AND BOTTOM OF EXISTING SLAB, SEE K1/S503 FOR TYPICAL FRP DETAILS, TYP
G. 6 1/2" SUSPENDED SLAB INFILL PER K3/S503
H. APPROXIMATE LOCATION OF MECHANICAL EQU. DESIGN WEIGHT = 5,500 LBS, SEE ATTIC FRAMING NOTE 12, PROVIDE 6" THICK HOUSEKEEPING PAD PER E6/S503 UNDER MECHANICAL EQU, TYP.
I. JOIST HEADER: L4X4X5/16", VERTICAL LEG DOWN FACING OPENING, TOP OF HORIZONTAL LEG = [-1"-2 1/2"] TO ACCOUNT FOR STANDARD BAR JOIST SEAT OR JOIST SUBSTITUTE BEARING
J. LEDGER ANGLE SUPPORTING FLOOR CONSTRUCTION PER C7/S510
K. LEDGER ANGLE SUPPORTING BAR JOISTS PER G5/S510
L. BEAM POCKET IN CMU PER C5/S510
M. ANGLE FRAMING AROUND DECK OPENING PER G1/S510
N. 6" TALL CONCRETE CURB AROUND ATTIC FLOOR HATCH. SEE A-SERIES DRAWINGS. REINFORCE WITH (2) No. 5 CONTINUOUS AROUND PERIMETER, TOP AND BOTTOM, TYP
O. REINFORCE DECK AT PENETRATION PER G1/S510, APPROXIMATE LOCATION OF DUCT SHOWN, COORDINATE WITH M-SERIES, A-SERIES, AND APPROVED DUCT LAYOUT, TYP

MASONRY WALL REINFORCING SCHEDULE			
MARK	WALL SIZE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
MW-1 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 6 AT 4'-0" OC
MW-2 (NOTE 4, 6)	10" CMU	No. 6 AT 1'-4" OC	No. 6 AT 4'-0" OC
MW-3	8" CMU	No. 4 AT 4'-0" OC	No. 4 AT 4'-0" OC
MW-4 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 6 AT 4'-0" OC

MASONRY WALL REINFORCING SCHEDULE NOTES:

1. SEE PLAN FOR WALL MARK LOCATIONS, COORDINATE EXACT LOCATIONS WITH A-SERIES DRAWINGS.
2. CMU WALLS SHOWN ARE LIMITED TO THOSE THAT LEND CLARITY TO THE INTENT OF THE STRUCTURAL DRAWINGS. SEE A-SERIES DRAWINGS FOR WALLS NOT SHOWN
3. SEE K1/S504 FOR TYPICAL CMU WALL REINFORCING ELEVATION
4. WHERE NOT SPECIFICALLY DETAILED OTHERWISE, VERTICAL BARS SHALL BE CONTINUOUS BETWEEN LEVELS TO CONNECT SHEAR WALL ABOVE AND BELOW, TYP
5. ALL VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE GROUTED SOLID WITHIN CMU CORES.
6. WALL SHALL BE FULLY GROUTED.



K1	SECOND FLOOR STRUCTURE PLAN
REF: S101	SCALE: 1/8" = 1'-0"

FIELD NORTH

DASNY
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515 Broadway, Albany, New York 12207 / 2044
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539 Franklin Street, Buffalo, New York 14202 1148
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SPRING LINE DESIGN
Architecture + Engineering, LLP
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EAST GREENBUSH, NY 12061

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECOND FLOOR STRUCTURE PLAN

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature
STATE OF NEW YORK

DASNY Project No: 341830
Drawing Number
S102
Scale: As indicated

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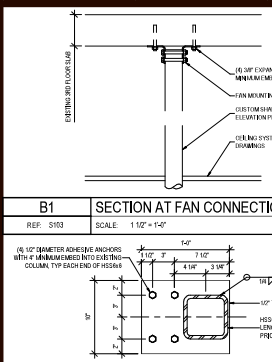
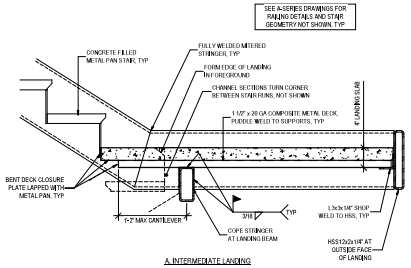
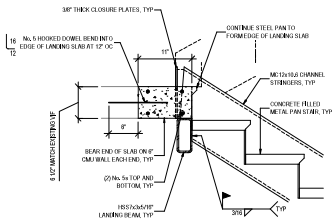


B1	SECTION AT FAN CONNECTION
REF: S103	SCALE: 1 1/2" = 1'-0"

C1	CONNECTION DETAIL
REF: S103	SCALE: 1 1/2" = 1'-0"



A. INTERMEDIATE LANDING



B. TERMINAL LANDING

C4	TYPICAL STAIR 3 DETAILS
REF: S101	SCALE: 1" = 1'-0"

THIRD FLOOR FRAMING PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF GROUND FLOOR SLAB.
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 325.16'.
3. TOP OF EXISTING ELEVATED SLAB ON THIS PLAN = +26'-0" ABOVE THE REFERENCE ELEVATION IN NOTE 1. THIS ELEVATION IS EQUIVALENT TO SITE ELEVATION 351.0'.
4. ELEVATIONS OF MEMBERS NOTED THUS +(-) ON THIS PLAN ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 3.
5. EQUALLY SPACE BEAMS AND JOISTS BETWEEN COLUMNS WHEN SPACING DIMENSIONS ARE NOT GIVEN.
6. SEE PLAN FOR FLOOR DECK / SLAB REQUIREMENTS.
7. BF DENOTES A BRACED FRAME. SEE S603, S604, AND S605 FOR FRAME SCHEMATIC STRUCTURAL INFORMATION.
8. SEE DETAIL K5/S510 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
9. SEE DWG S1/S504 FOR LOOSE LINTEL SCHEDULE. NOTE THAT NOT ALL LINTELS IN WALLS ARE SHOWN ON PLAN.
10. COORDINATE FLOOR DECK / SLAB OPENING QUANTITY, SIZES, AND LOCATIONS WITH MEP AND A-SERIES DWGS, AND WITH APPROVED SHOP DRAWINGS FOR ALL TRADES.
11. SEE NOTE ON S001 FOR ADDITIONAL REQUIREMENTS.

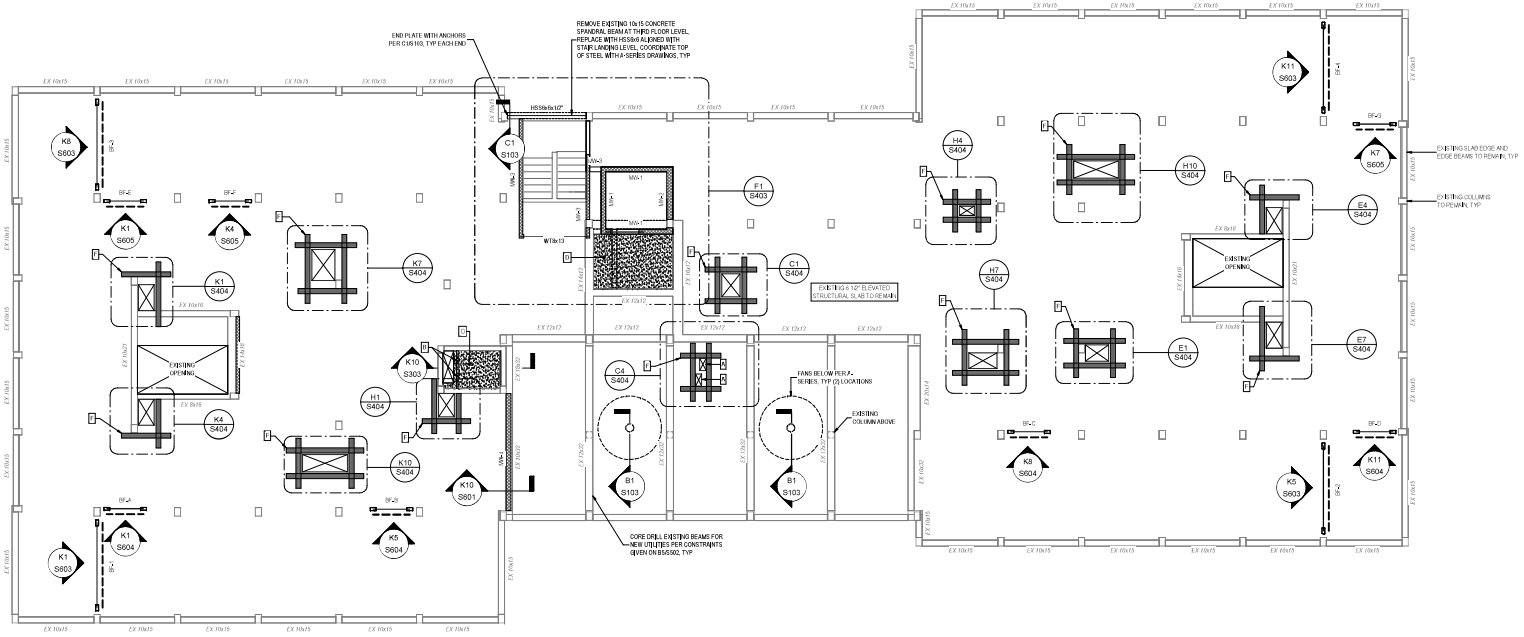
STRUCTURAL PLAN KEYED NOTES

A. LOCALLY SAW CUT PENETRATIONS IN EXISTING FLOOR SLAB TIGHT AROUND INDIVIDUAL DUCTS. DO NOT OVER CUT. APPROXIMATE SIZE SHOWN. COORDINATE ACTUAL SIZE WITH OTHER TRADES. SEE F/S/S503, TYP.
B. OB/U1.5 VERTICAL. COORDINATE LOCATION WITH APPROVED HANDICAP LIFT
C. SEE D/S/S503 FOR APPROXIMATE EXTENT OF SLAB ON GRADE REPAIR, TYP
D. 6 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC PER B1/S/S503
E. 6 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC. DEPRESS SLAB 3" BELOW EXISTING SLAB
F. FRP REINFORCING AT PENETRATIONS AS SHOWN AT TOP AND BOTTOM OF EXISTING SLAB. SEE K1/S/S503 FOR TYPICAL FRP DETAILS, TYP
G. 6 1/2" SUSPENDED SLAB INFILL PER K/S/S503
H. APPROXIMATE LOCATION OF MECHANICAL ERU. DESIGN WEIGHT = 5,500 LBS. SEE ATTIC FRAMING NOTE 12. PROVIDE 8" THICK HOUSEKEEPING PAD PER E/S/S503 UNDER MECHANICAL ERU, TYP.
I. JOIST HEADER: L4/4X3/8", VERTICAL LEG DOWN FACING OPENING. TOP OF HORIZONTAL LEG = (-6"-2 1/2") TO ACCOUNT FOR STANDARD BAR JOIST SEAT OR JOIST SUBSTITUTE BEARING
J. LEDGER ANGLE SUPPORTING FLOOR CONSTRUCTION PER G7/S510
K. LEDGER ANGLE SUPPORTING BAR JOISTS PER G/V/S510
L. BEAM POCKET IN CMU PER C5/S510
M. ANGLE FRAMING AROUND DECK OPENING PER G/V/S510
N. 8" TALL CONCRETE CURB AROUND ATTIC FLOOR HATCH. SEE A-SERIES DRAWINGS. REINFORCE WITH (2) No. 5 CONTINUOUS AROUND PERIMETER, TOP AND BOTTOM, TYP
O. REINFORCE DECK AT PENETRATION PER G/V/S510. APPROXIMATE LOCATION OF DUCT SHOWN. COORDINATE WITH M-SERIES, A-SERIES, AND APPROVED DUCT LAYOUT, TYP

MASONRY WALL REINFORCING SCHEDULE			
MARK	WALL SIZE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
MW-1 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-6" OC	No. 6 AT 4'-0" OC
MW-2 (NOTE 4, 6)	10" CMU	No. 6 AT 1'-6" OC	No. 6 AT 4'-0" OC
MW-3	6" CMU	No. 4 AT 1'-6" OC	No. 4 AT 4'-0" OC
MW-4 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-6" OC	No. 6 AT 4'-0" OC

MASONRY WALL REINFORCING SCHEDULE NOTES:

1. SEE PLAN FOR WALL MARK LOCATIONS. COORDINATE EXACT LOCATIONS WITH A-SERIES DRAWINGS.
2. CMU WALLS SHOWN ARE LIMITED TO THOSE THAT LEND CLARITY TO THE INTENT OF THE STRUCTURAL DRAWINGS. SEE A-SERIES DRAWINGS FOR WALLS NOT SHOWN
3. SEE K1/S504 FOR TYPICAL CMU WALL REINFORCING ELEVATION
4. WHERE NOT SPECIFICALLY DETAILED OTHERWISE, VERTICAL BARS SHALL BE CONTINUOUS BETWEEN LEVELS TO CONNECT SHEAR WALL ABOVE AND BELOW, TYP
5. ALL VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE GROUTED SOLID WITHIN CMU CORES.
6. WALL SHALL BE FULLY GROUTED.



K1	THIRD FLOOR STRUCTURE PLAN
REF: S901	SCALE: 1/8" = 1'-0"

TO NORTH

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TROY, NY 12180

SPRING LINE DESIGN
Architecture + Engineering, LLP
73 TROY ROAD, SUITE 2H
EAST GREENBUSH, NY 12061

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

THIRD FLOOR STRUCTURE PLAN

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature

STATE OF NEW YORK · JEFFREY A. BYK · 087 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number
S103

Scale: As indicated

MASONRY WALL REINFORCING SCHEDULE			
MWR	WALL SIZE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
MW-1 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 9 AT 4'-0" OC
MW-2 (NOTE 4, 6)	10" CMU	No. 6 AT 1'-4" OC	No. 9 AT 4'-0" OC
MW-3	8" CMU	No. 4 AT 4'-0" OC	No. 4 AT 4'-0" OC
MW-4 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 9 AT 4'-0" OC

MASONRY WALL REINFORCING SCHEDULE NOTES:

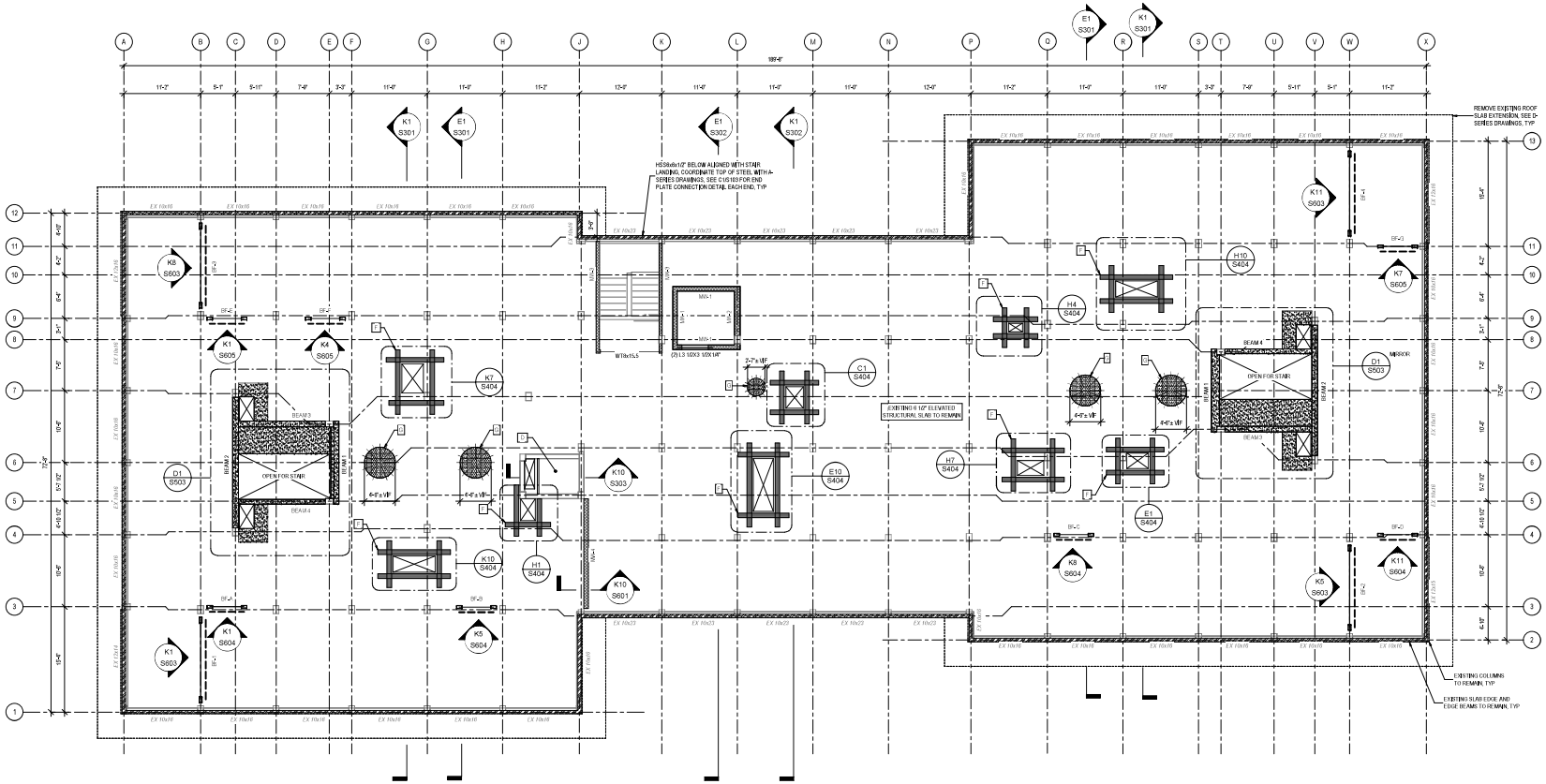
1. SEE PLAN FOR WALL MWR LOCATIONS. COORDINATE EXACT LOCATIONS WITH A-SERIES DRAWINGS.
2. CMU WALLS SHOWN ARE LIMITED TO THOSE THAT LEND CLARITY TO THE INTENT OF THE STRUCTURAL DRAWINGS. SEE A-SERIES DRAWINGS FOR WALLS NOT SHOWN
3. SEE K16S04 FOR TYPICAL CMU WALL REINFORCING ELEVATION
4. WHERE NOT SPECIFICALLY DETAILED OTHERWISE, VERTICAL BARS SHALL BE CONTINUOUS BETWEEN LEVELS TO CONNECT SHEAR WALL ABOVE AND BELOW. TYP
5. ALL VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE GROUTED SOLID WITHIN CMU CORES.
6. WALL SHALL BE FULLY GROUTED.

FOURTH FLOOR STRUCTURE PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT SLAB.
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 333.67'.
3. TOP OF EXISTING ELEVATED SLAB ON THIS PLAN = +34'-8" ABOVE THE REFERENCE ELEVATION IN NOTE 1, THIS ELEVATION IS EQUIVALENT TO SITE ELEVATION 367.67'.
4. ELEVATIONS OF MEMBERS NOTED THUS +/- ( ) ON THIS PLAN ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 3.
5. SEE COLUMN SCHEDULE ON S601 FOR ADDITIONAL INFORMATION.
6. EQUALLY SPACE BEAMS AND JOISTS BETWEEN COLUMNS WHEN SPACING DIMENSIONS ARE NOT GIVEN.
7. SEE PLAN FOR FLOOR DECK / SLAB REQUIREMENTS.
8. BF DENOTES A BRACED FRAME. SEE S603, S604, AND S605 FOR FRAME SCHEMATIC STRUCTURAL INFORMATION.
9. SEE DETAIL K16S510 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
10. SEE DWG B1/S504 FOR LOOSE LINTEL SCHEDULE. NOTE THAT NOT ALL LINTELS IN WALLS ARE SHOWN ON PLAN.
11. COORDINATE FLOOR DECK / SLAB OPENING QUANTITY, SIZES, AND LOCATIONS WITH MEP AND A-SERIES DWGS, AND WITH APPROVED SHOP DRAWINGS FOR ALL TRADES.
12. SEE NOTE ON S101 FOR ADDITIONAL REQUIREMENTS.

STRUCTURAL PLAN KEYED NOTES

A. LOCALLY SAW CUT PENETRATIONS IN EXISTING FLOOR SLAB TIGHT AROUND INDIVIDUAL DUCTS, DO NOT OVER CUT, APPROXIMATE SIZE SHOWN, COORDINATE ACTUAL SIZE WITH OTHER TRADES, SEE F/S503, TYP
B. CBR / LS VERTICAL COORDINATE LOCATION WITH APPROVED WINDEC-AP LIFT
C. SEE D1S100 FOR APPROXIMATE EXTENT OF SLAB ON GRADE REPAIR, TYP
D. 8 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC PER B1/S530
E. 8 1/2" SUSPENDED SLAB INFILL WITH No. 5 BARS AT 8" OC. DEPRESS SLAB 3" BELOW EXISTING SLAB
F. FRP REINFORCING AT PENETRATIONS AS SHOWN AT TOP AND BOTTOM OF EXISTING SLAB. SEE K16S03 FOR TYPICAL FRP DETAILS, TYP
G. 8 1/2" SUSPENDED SLAB INFILL PER K/S530
H. APPROXIMATE LOCATION OF MECHANICAL EQ. DESIGN WEIGHT = 5,500 LBS. SEE ATTIC FRAMING NOTE 12, PROVIDE 8" THICK HOUSEKEEPING PAD PER E/S530 UNDER MECHANICAL EQ. TYP.
I. JOIST HEADER: L4X4X3/8", VERTICAL LEG DOWN FACING OPENING, TOP OF HORIZONTAL LEG = (-4'-2 1/2") TO ACCOUNT FOR STANDARD BAR JOIST SEAT OR JOIST SUBSTITUTE BEARING
J. LEDGER ANGLE SUPPORTING FLOOR CONSTRUCTION PER C7/S510
K. LEDGER ANGLE SUPPORTING BAR JOISTS PER G5/S510
L. BEAM POCKET IN CMU PER C9/S510
M. ANGLE FRAMING AROUND DECK OPENING PER G1/S510
N. 8" TALL CONCRETE CURB AROUND ATTIC FLOOR HATCH, SEE A-SERIES DRAWINGS. REINFORCE WITH (2) No. 5 CONTINUOUS AROUND PERIMETER, TOP AND BOTTOM, TYP
O. REINFORCE DECK AT PENETRATION PER G1/S510, APPROXIMATE LOCATION OF DUCT SHOWN, COORDINATE WITH A-SERIES, A-SERIES, AND APPROVED DUCT LAYOUT, TYP



K1 FOURTH FLOOR STRUCTURE PLAN
REF: S301 SCALE: 1/8" = 1'-0"

TO NORTH

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SPRING LINE DESIGN
Architecture + Engineering, LLP
73 TROY ROAD, SUITE 2H
EAST GREENBUSH, NY 12061

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

FOURTH FLOOR STRUCTURE PLAN

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature

STATE OF NEW YORK · JEFFREY A. BEAK · 087873 · LICENSED PROFESSIONAL ENGINEER

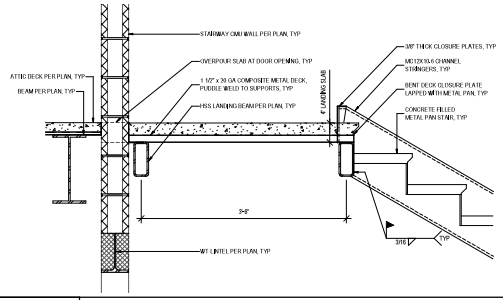
DASNY Project No: 341830

Drawing Number
S104

Scale: As indicated

NOTES:

1. BEAR ENDS OF HSS LANDING BEAMS ON STAIRWAY CMU WALLS, PACK AROUND ENDS OF HSS WITH SOLID GROUT OR MASONRY.



C1	SECTION AT TOP OF STAIR 3
REF: S105	SCALE: 1" = 1'-0"

MASONRY WALL REINFORCING SCHEDULE			
MARK	WALL SIZE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
MW-1 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 9 AT 4'-0" OC
MW-2 (NOTE 4, 6)	10" CMU	No. 6 AT 1'-4" OC	No. 9 AT 4'-0" OC
MW-3	8" CMU	No. 6 AT 4'-0" OC	No. 9 AT 4'-0" OC
MW-4 (NOTE 4, 6)	8" CMU	No. 6 AT 1'-4" OC	No. 9 AT 4'-0" OC

MASONRY WALL REINFORCING SCHEDULE NOTES:

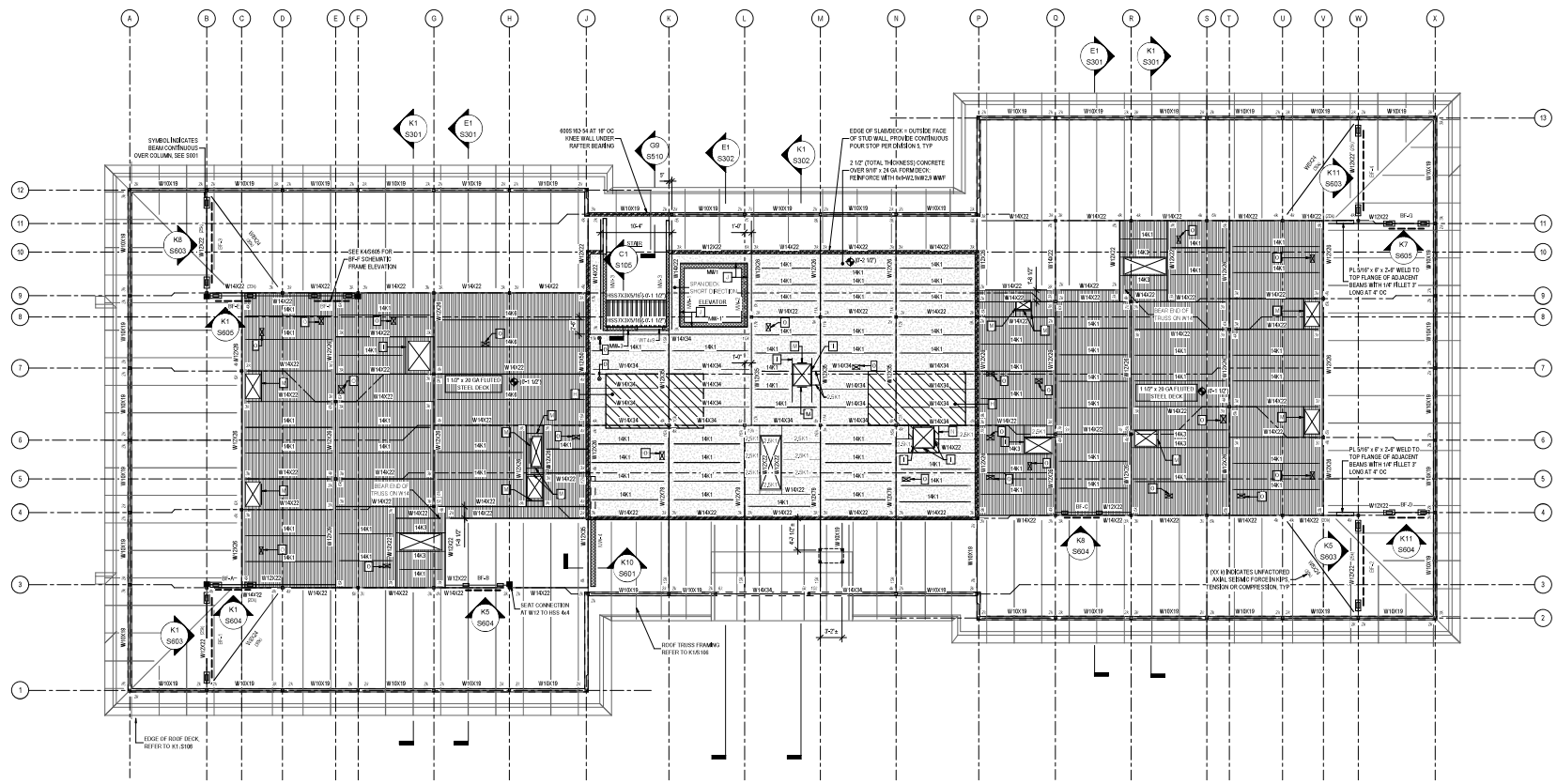
1. SEE PLAN FOR WALL MARK LOCATIONS. COORDINATE EXACT LOCATIONS WITH A-SERIES DRAWINGS.
2. CMU WALLS SHOWN ARE LIMITED TO THOSE THAT LEND CLARITY TO THE INTENT OF THE STRUCTURAL DRAWINGS. SEE A-SERIES DRAWINGS FOR WALLS NOT SHOWN.
3. SEE K15S04 FOR TYPICAL CMU WALL REINFORCING ELEVATION.
4. WHERE NOT SPECIFICALLY DETAILED OTHERWISE, VERTICAL BARS SHALL BE CONTINUOUS BETWEEN LEVELS TO CONNECT SHEAR WALL ABOVE AND BELOW, TYP.
5. ALL VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE GROUTED SOLID WITHIN CMU CORES.
6. WALL SHALL BE FULLY GROUTED.

ATTIC FRAMING PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT SLAB
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 325.00'
3. TOP OF STEEL FRAMING ON THIS PLAN = +44'-0 1/8" ABOVE THE REFERENCE ELEVATION IN NOTE 1. THIS ELEVATION IS EQUIVALENT TO SITE ELEVATION 369.07'
4. ELEVATIONS OF MEMBERS NOTED THUS =+( ) ON THIS PLAN ARE ABOVE OR BELOW THE ELEVATION IN NOTE 3.
5. TOP OF STEEL SUPPORTING BAR JOISTS AND JOIST SUBSTITUTES = (-0'-2 1/2") TO ACCOUNT FOR A STANDARD 2 1/2" DEEP JOIST SEATS, TYP UNO
6. SEE COLUMN SCHEDULE ON S001 FOR ADDITIONAL INFORMATION
7. EQUALLY SPACE JOISTS BETWEEN BEAMS AND COLUMNS WHERE DIMENSIONS ARE NOT GIVEN
8. BF DENOTES A BRACED FRAME. SEE S003, S604, AND S605 FOR FRAME SCHEMATIC STRUCTURAL INFORMATION.
9. SEE K15S10 FOR TYPICAL DOUBLE CLIP ANGLE CONNECTIONS. USE (2) ROWS OF BOLTS MINIMUM. SEE K15S10 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS. SEE K15S10 FOR TYPICAL JOIST TO BEAM CONNECTION DETAILS.
10. FOR TRUSS MEMBERS NOT LABELED REFER TO S100, REFER TO S301 AND S302 FOR SCHEMATIC TRUSS PROFILES. SEE S001 FOR PERMANENT TRUSS BRACING, AND TRUSS LOADING REQUIREMENTS, TYP
11. SEE S15S11 FOR LOOSE LINTEL SCHEDULE. FOR MASONRY OPENINGS NOT OTHERWISE DETAILED OR SHOWN ON THIS PLAN, INCLUDING DOORS, WINDOWS, AND MECHANICAL OPENINGS, MINIMUM LINTELS SHALL BE PROVIDED PER SCHEDULE, TYP
12. APPROXIMATE LOCATIONS OF FLOOR DECK SLAB OPENINGS ARE SHOWN. COORDINATE OPENINGS SIZES AND LOCATIONS WITH MEP AND A-SERIES DRAWINGS, AND WITH APPROVED SHOP DRAWINGS FOR ALL TRADES.
13. FOR DECK PENETRATIONS SMALLER THAN 12" REINFORCE DECK PER G15S10. FOR DECK PENETRATIONS LARGER THAN 12" PROVIDE STEEL ANGLE HEADERS AT THE PERIMETER OF THE OPENING PER G15S10, TYP UNO ON THE PLAN
14. COORDINATE ALL MECHANICAL EQUIPMENT WITH A-SERIES DRAWINGS AND WITH APPROVED SHOP DRAWINGS OF APPLICABLE TRADES. LOCATIONS INDICATED ARE APPROXIMATE. STRUCTURE HAS BEEN DESIGNED FOR EQUIPMENT DESIGN WEIGHT INDICATED. SUBMIT SELECTED WEIGHTS AND EQUIPMENT FOR REVIEW, TYP.
15. NOT ALL HOUSEKEEPING PADS FOR MECHANICAL EQUIPMENT ARE SHOWN ON THIS PLAN. SEE E9S502 FOR DETAILS. COORDINATE EXACT LOCATION OF ALL REQUIRED HOUSEKEEPING PADS WITH OTHER TRADES, TYP.
16. SEE NOTES ON S001 FOR ADDITIONAL REQUIREMENTS

STRUCTURAL PLAN KEYED NOTES

A. LOCALLY SAW CUT PENETRATIONS IN EXISTING FLOOR SLAB TIGHT AROUND INDIVIDUAL DUCTS, DO NOT OVER CUT. APPROXIMATE SIZE SHOWN. COORDINATE ACTUAL SIZE WITH OTHER TRADES. SEE E9S501, TYP
B. C8X11.5 VERTICAL. COORDINATE LOCATION WITH APPROVED HANDICAP LIFT.
C. SEE D15S100 FOR APPROXIMATE EXTENT OF SLAB ON GRADE REPAIR, TYP
D. 6 1/2" SUSPENDED SLAB infill. WITH No. 5 BARS AT 8" OC PER B15S50
E. 6 1/2" SUSPENDED SLAB infill. WITH No. 5 BARS AT 8" OC. DEPRESS SLAB 3" BELOW EXISTING SLAB
F. FRP REINFORCING AT PENETRATIONS AS SHOWN AT TOP AND BOTTOM OF EXISTING SLAB. SEE K15S03 FOR TYPICAL FRP DETAILS, TYP
G. 6 1/2" SUSPENDED SLAB infill. PER K9S503
H. APPROXIMATE LOCATION OF MECHANICAL EQU. DESIGN WEIGHT = 5,500 LBS. SEE ATTIC FRAMING NOTE 12. PROVIDE 6" THICK HOUSEKEEPING PAD PER E9S502 UNDER MECHANICAL EQU. TYP.
I. JOIST HEADER: L4X4X5/16", VERTICAL LEG DOWN FACING OPENING, TOP OF HORIZONTAL LEG = (-6'-2 1/2") TO ACCOUNT FOR STANDARD BAR JOIST SEAT OR JOIST SUBSTITUTE BEARING
J. LEDGER ANGLE SUPPORTING FLOOR CONSTRUCTION PER C7S510
K. LEDGER ANGLE SUPPORTING BAR JOISTS PER C6S510
L. BEAM POCKET IN CMU PER C5S510
M. ANGLE FRAMING AROUND DECK OPENING PER G15S10
N. 6" TALL CONCRETE CURB AROUND ATTIC FLOOR HATCH. SEE A-SERIES DRAWINGS. REINFORCE WITH (2) No. 5 CONTINUOUS AROUND PERIMETER, TOP AND BOTTOM, TYP
O. REINFORCE DECK AT PENETRATION PER G15S10. APPROXIMATE LOCATION OF DUCT SHOWN. COORDINATE WITH A-SERIES, A-SERIES, AND APPROVED DUCT LAYOUT, TYP



K1	ATTIC FRAMING PLAN
REF: S301	SCALE: 1/8" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

ATTIC FRAMING PLAN

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

S105

Scale: As indicated

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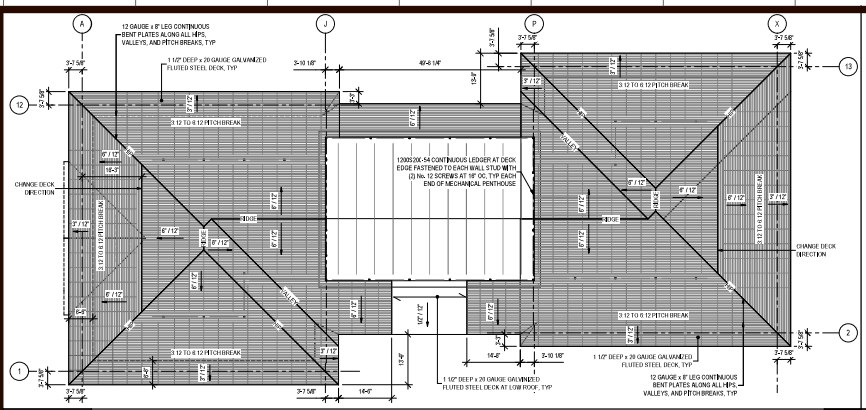
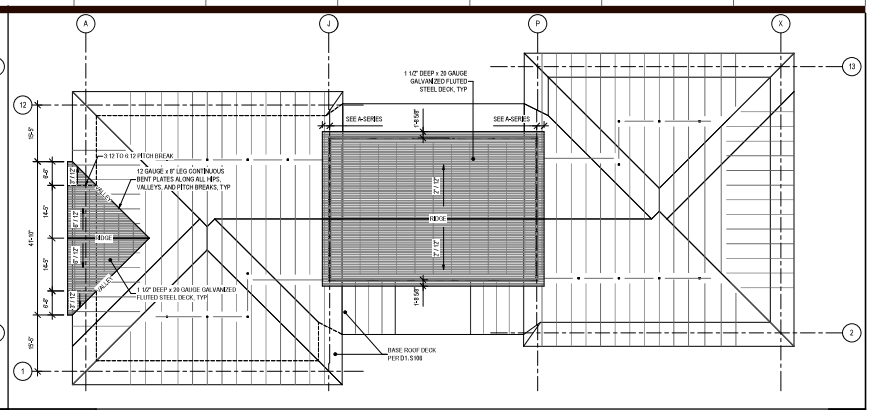


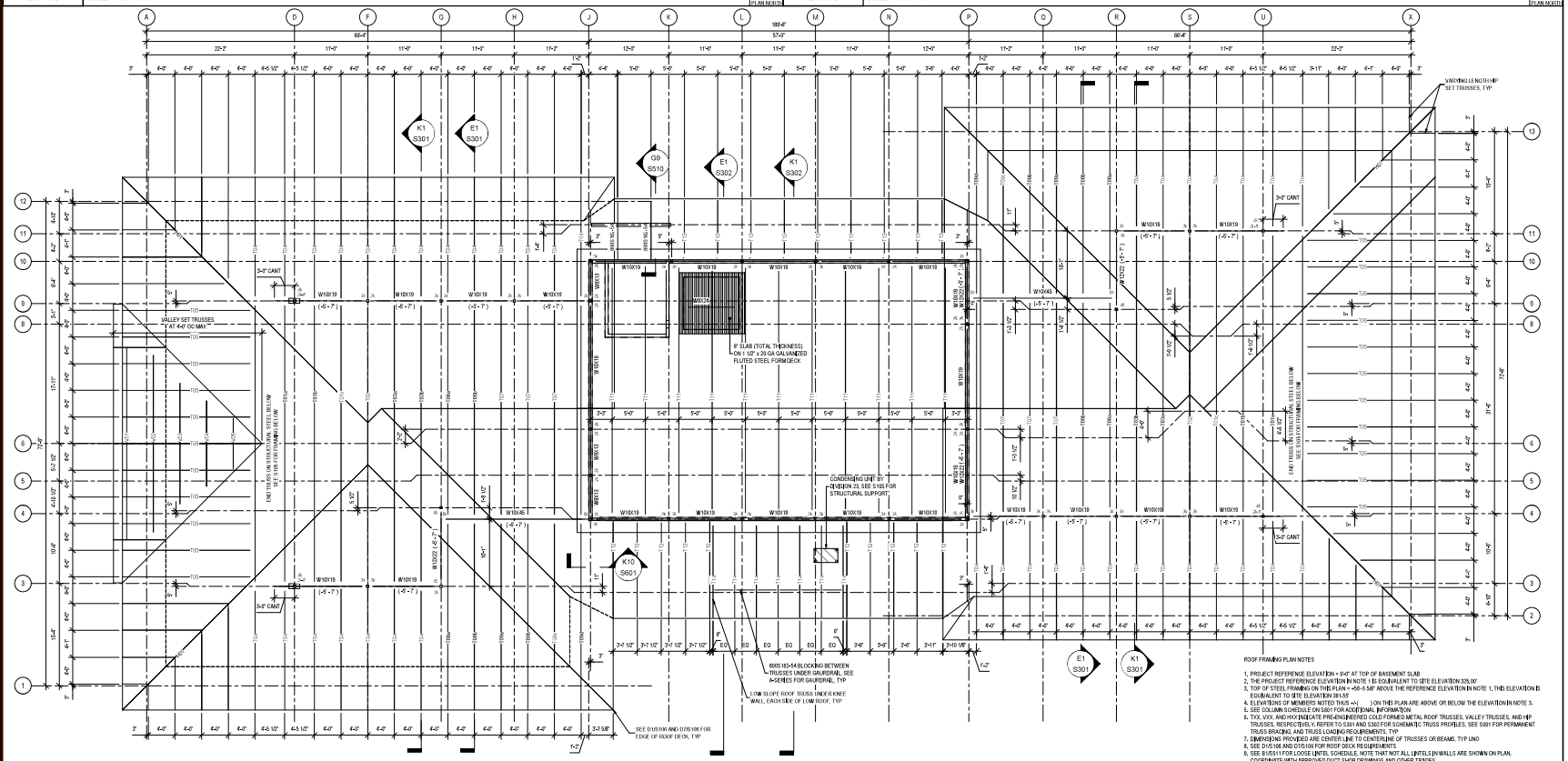
D1 BASE ROOF DECK PLAN

REF: S302 SCALE: 1/16" = 1'-0"



D7 DORMER AND OVERBUILD ROOF DECK PLAN

REF: S302 SCALE: 1/16" = 1'-0"



K1 ROOF FRAMING PLAN

REF: S302 SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

1. PROJECT REFERENCE ELEVATION = 0'-0" AT TOP OF BASEMENT SLAB
2. THE PROJECT REFERENCE ELEVATION IN NOTE 1 IS EQUIVALENT TO SITE ELEVATION 335.07
3. TOP OF STEEL FRAMING ON THIS PLAN = +56'-6 5/8" ABOVE THE REFERENCE ELEVATION IN NOTE 1, THIS ELEVATION IS EQUIVALENT TO SITE ELEVATION 391.57
4. ELEVATIONS OF MEMBERS NOTED THUS +#.# ON THIS PLAN ARE ABOVE OR BELOW THE ELEVATION IN NOTE 3.
5. SEE COLUMN SCHEDULE ON S001 FOR ADDITIONAL INFORMATION
6. TXX, VXX, AND HXX INDICATE PRE-ENGINEERED COLD FORMED METAL ROOF TRUSSES, VALLEY TRUSSES, AND HIP TRUSSES, RESPECTIVELY. REFER TO S301 AND S302 FOR SCHEMATIC TRUSS PROFILES, SEE S001 FOR PERMANENT TRUSS BRACING, AND TRUSS LOADING REQUIREMENTS, TYP
7. DIMENSIONS PROVIDED ARE CENTER LINE TO CENTERLINE OF TRUSSES OR BEAMS, TYP UNO
8. SEE D1S106 AND D7S106 FOR ROOF DECK REQUIREMENTS
9. SEE B1S011 FOR LOOSE LINTEL SCHEDULE. NOTE THAT NOT ALL LINTELS IN WALLS ARE SHOWN ON PLAN. COORDINATE WITH APPROVED DUCT SHOP DRAWINGS AND OTHER TRADES
10. SEE NOTES ON S001 FOR ADDITIONAL REQUIREMENTS

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Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

ROOF FRAMING PLAN

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

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STATE OF NEW YORK — JEFFREY A. BOTT — LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: S106

Scale: As indicated

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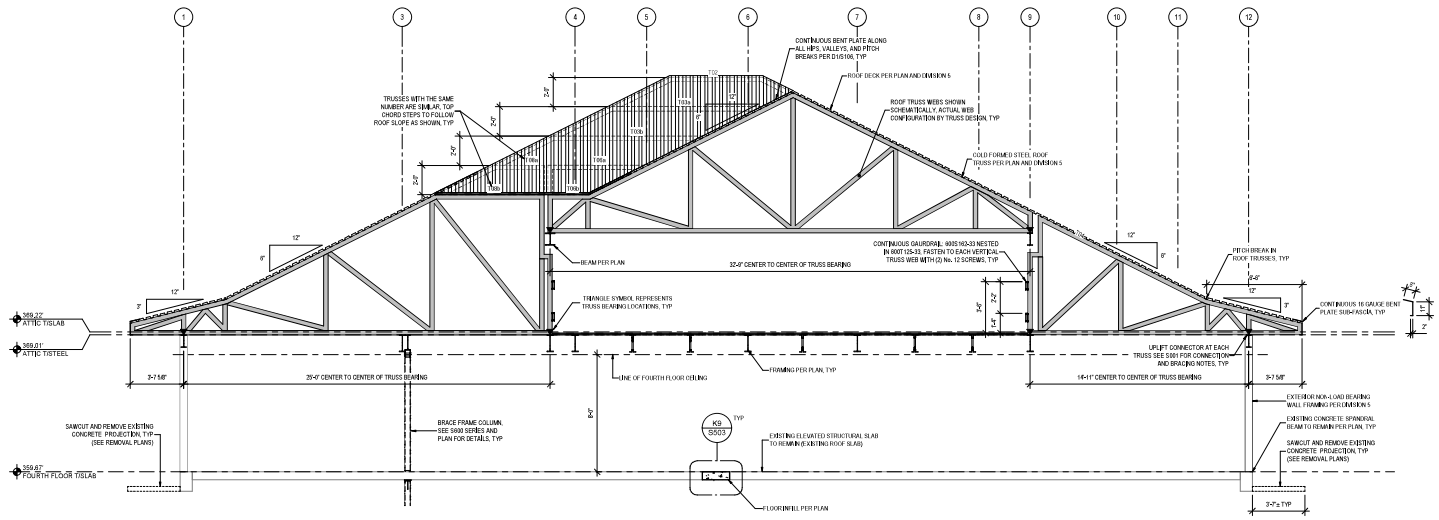
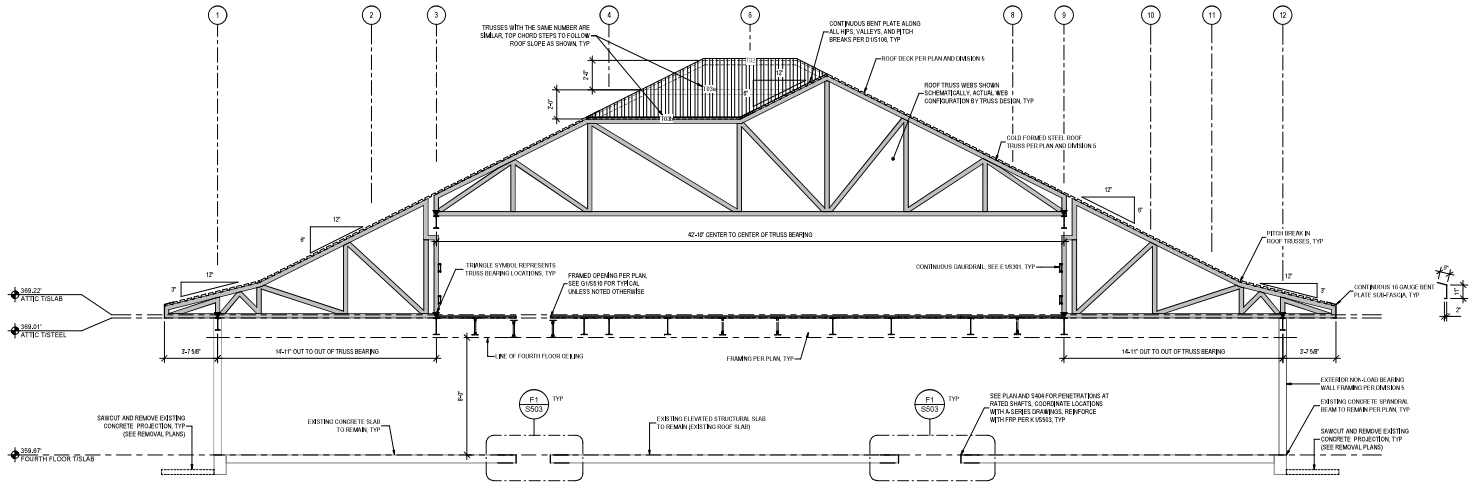


E1	SECTION AT FOURTH FLOOR AND ATTIC FRAMING
REF: S104	SCALE: 1/4" = 1'-0"



K1	SECTION AT FOURTH FLOOR AND ATTIC FRAMING
REF: S104	SCALE: 1/4" = 1'-0"

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Project Key

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECTIONS

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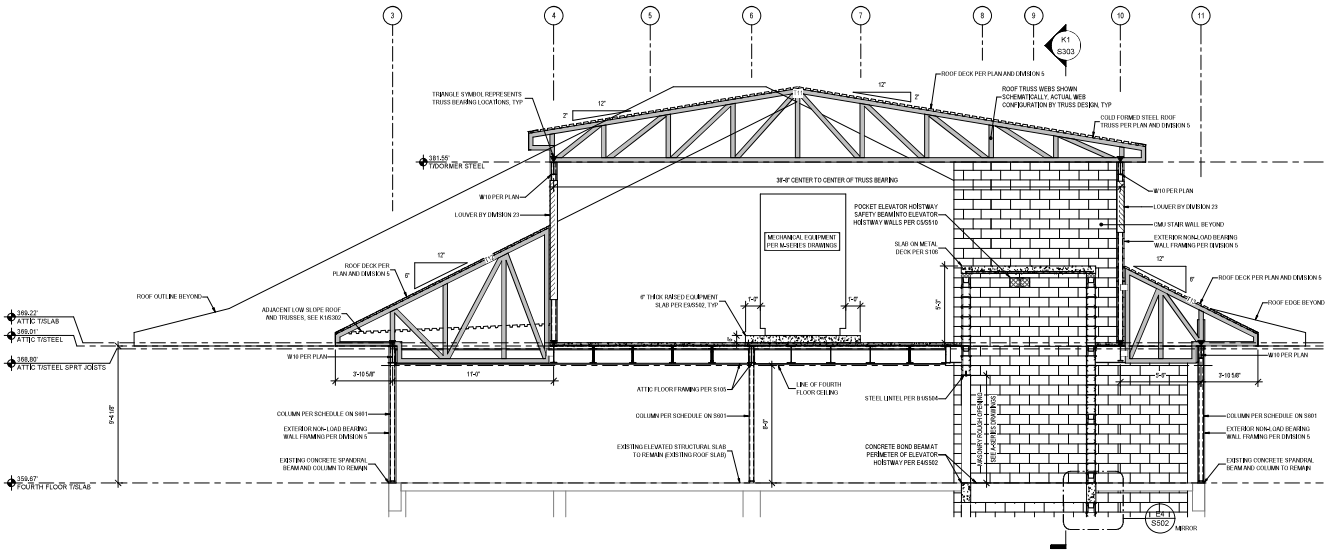
DASNY Project No: 341830

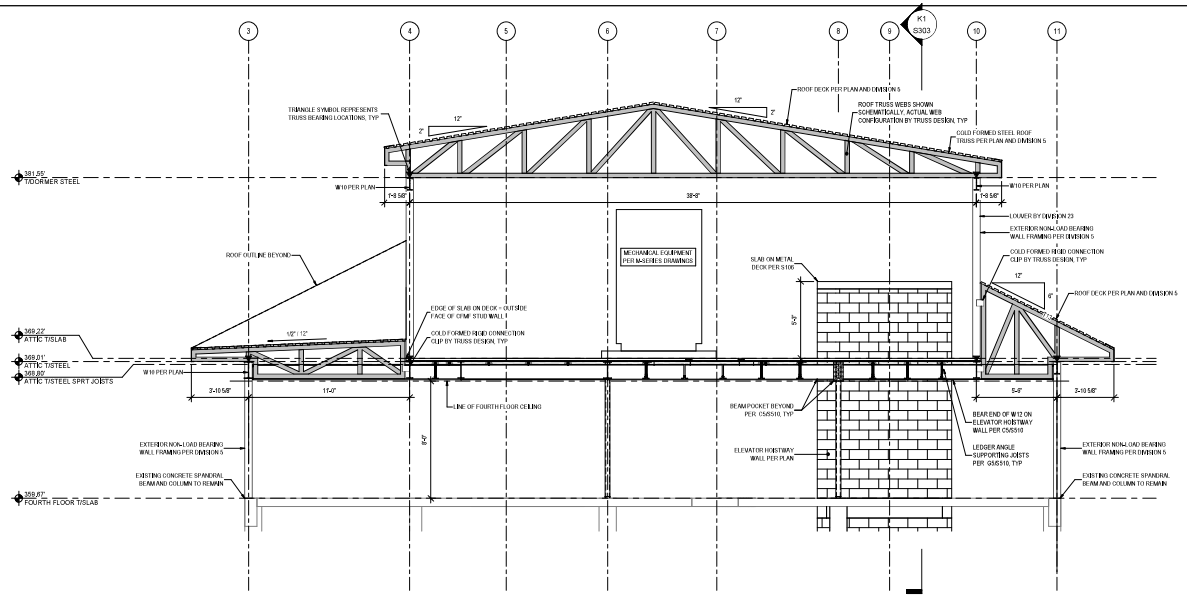
Drawing Number
S301

Scale: 1/4" = 1'-0"



E1 SECTION AT ATTIC LOOKING WEST

REF: S104 SCALE: 1/4" = 1'-0"



K1 SECTION AT PENTHOUSE

REF: S104 SCALE: 1/4" = 1'-0"

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Description	Date:

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECTIONS

Drawn By:	Checked By:	Date:
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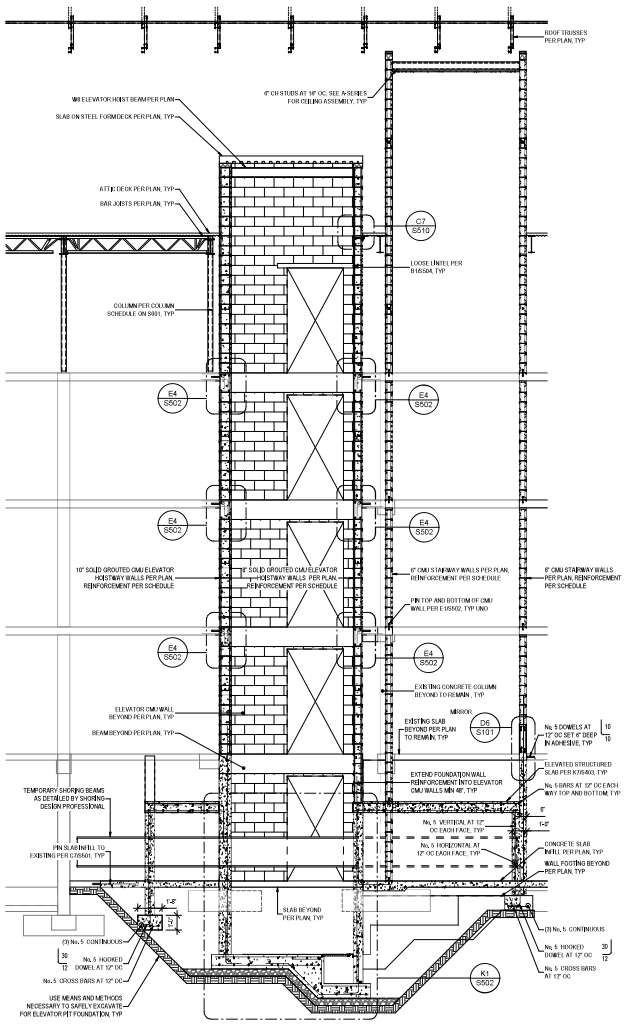
DASNY Project No: 341830

Drawing Number
S302

Scale: 1/4" = 1'-0"



K1 SECTION AT ELEVATOR HOISTWAY AND STAIR LOOKING SOUTH

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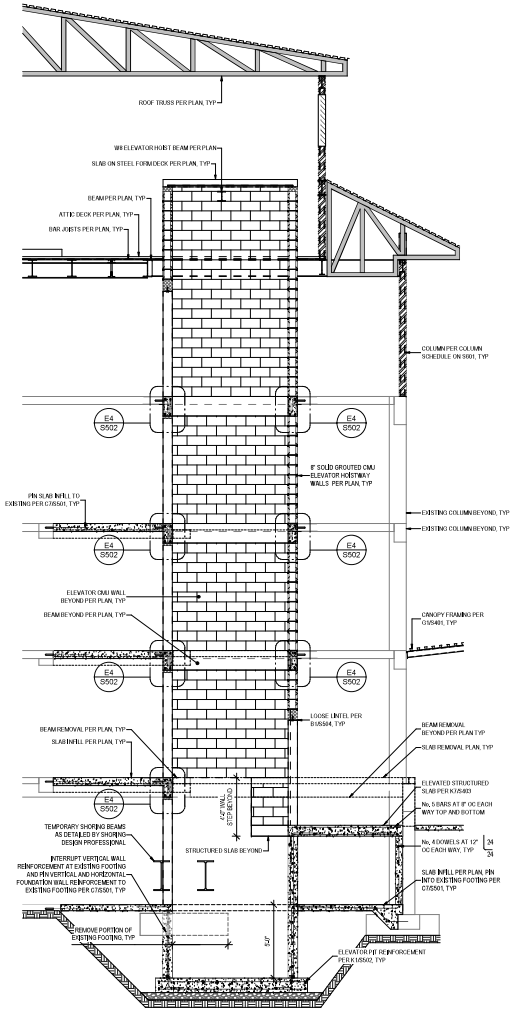

K6 SECTION AT ELEVATOR HOISTWAY LOOKING WEST

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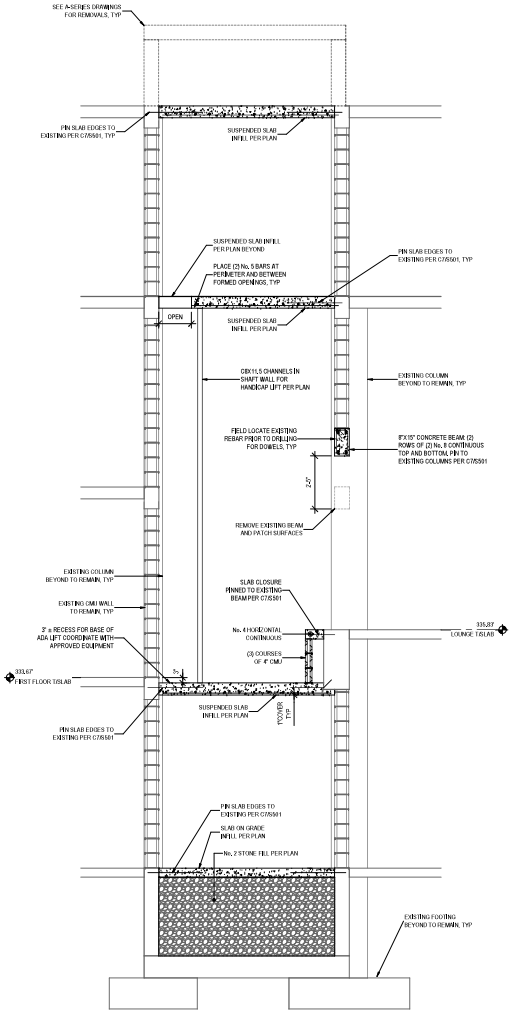

K10 SECTION AT EXISTING SHAFT

REF: S100 SCALE: 3/8" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title: STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK
12561-2443

Phase: BID DOCUMENTS

BUILDING SECTIONS AT ELEVATOR HOISTWAYS

Drawn By:	Checked By:	Date:
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DASNY Project No: 341830

Drawing Number: S303

Scale: As indicated

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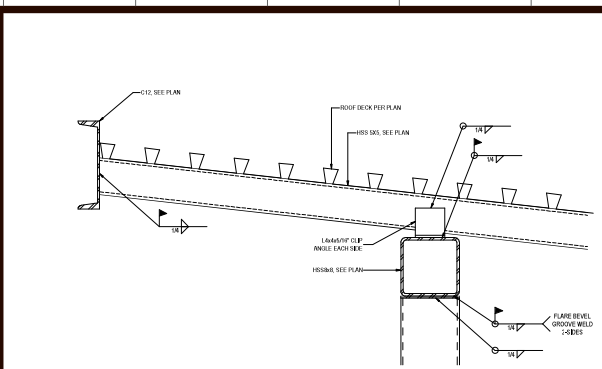
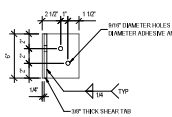


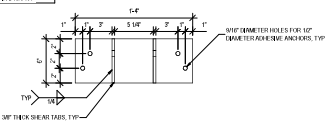
D1	CANOPY CONNECTION DETAIL
REF: S401	SCALE: 1 1/2" = 1'-0"

NOTE: ADHESIVE ANCHORS ARE TO BE INSTALLED IN MINIMUM (1) OF THE (2) HOLES SHOWN. LOCATIONS TO AVOID EXISTING REBAR.



B6	CANOPY CHANNEL CONNECTION PLATE
REF:	SCALE: 1 1/2" = 1'-0"

NOTE: ADHESIVE ANCHORS ARE TO BE INSTALLED IN MINIMUM (2) OF THE (4) HOLES SHOWN. LOCATIONS TO AVOID EXISTING REBAR. ANCHORS ARE TO BE INSTALLED WITH MINIMUM (1) ANCHOR PER SIDE OF HSS TUBE AS SHOWN IN D10/S401.



B10	CANOPY TO CONCRETE BEAM CONNECTION PLATE
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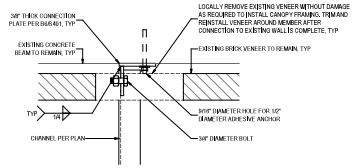

D6	CANOPY CHANNEL CONNECTION PLAN
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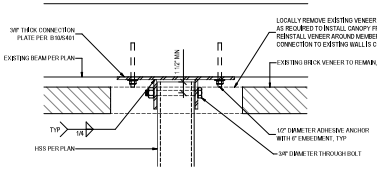

D10	CANOPY HSS CONNECTION PLAN
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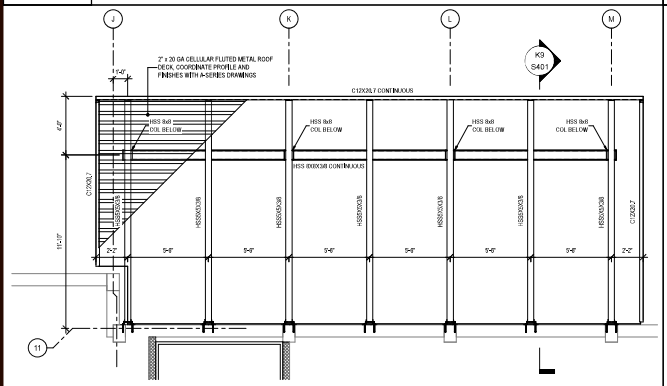
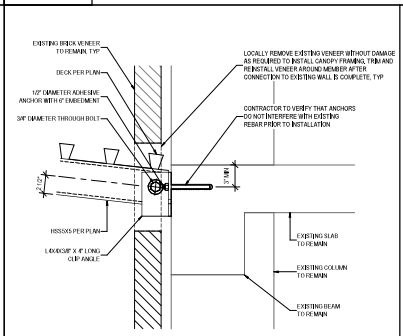


G1	NORTH CANOPY FRAMING
REF: S102	SCALE: 1/4" = 1'-0"

PLAN NORTH



G6	CANOPY HSS CONNECTION SECTION
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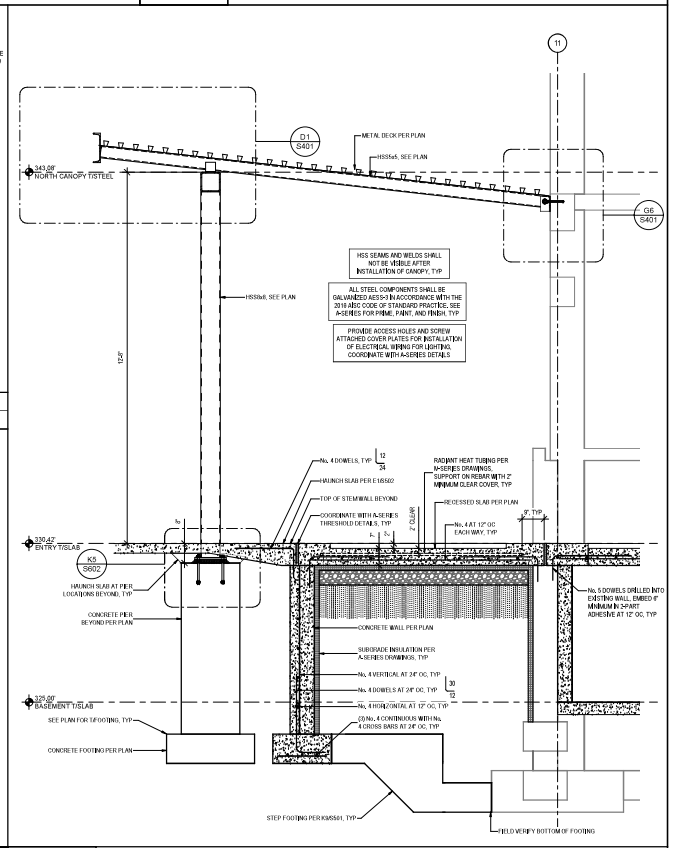

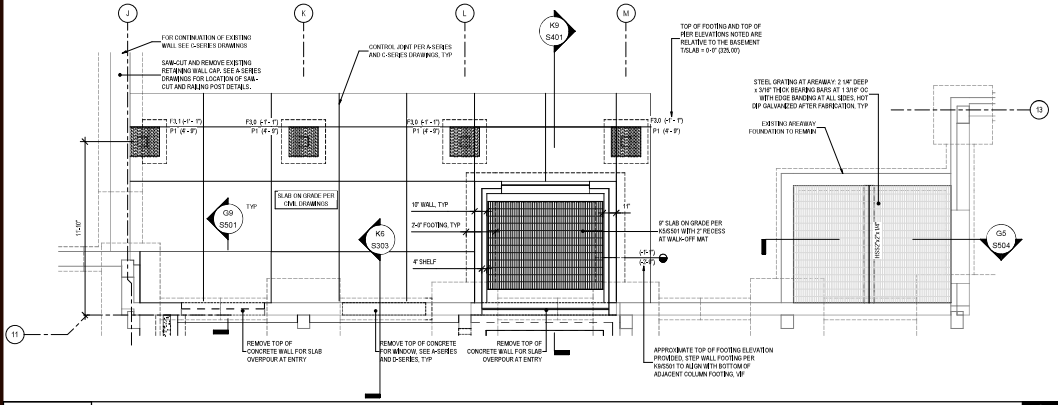

K1	NORTH CANOPY FOUNDATION
REF: S100	SCALE: 1/4" = 1'-0"

PLAN NORTH

K9	NORTH CANOPY FRAMING SECTION
REF: S401	SCALE: 1/2" = 1'-0"

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

NORTH ENTRY FOUNDATION, FRAMING, SECTION AND DETAILS

Drawn By:	Checked By:	Date:
JPS	JAB	8-29-2018

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STATE OF NEW YORK · JEFFREY A. BAY · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

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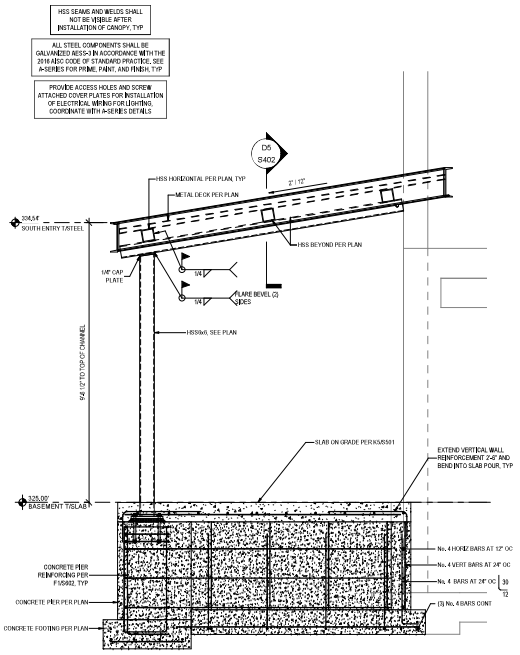

F1	SOUTH CANOPY FRAMING
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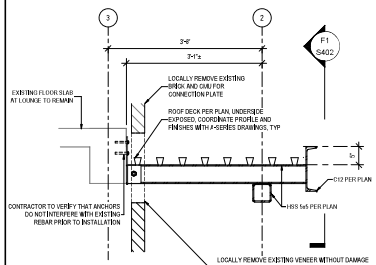

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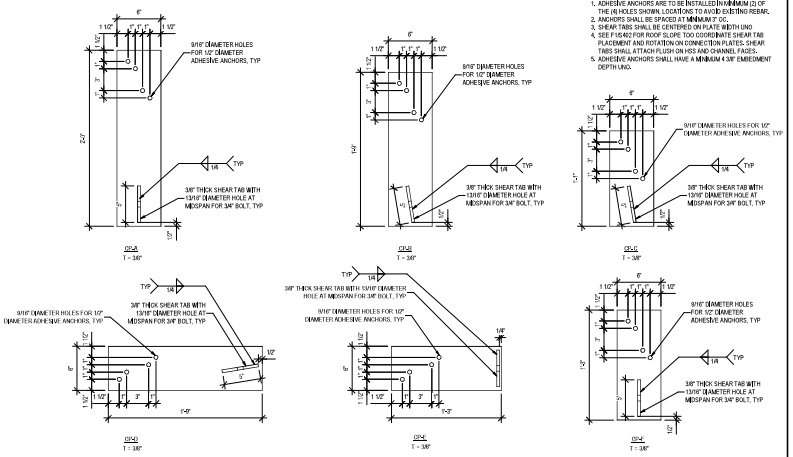

D8	CANOPY TO CONCRETE BEAM CONNECTION PLATES
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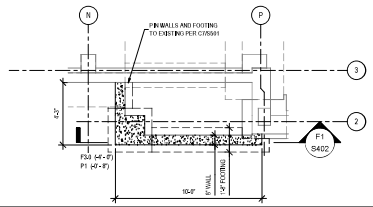

F5	SOUTH CANOPY FOUNDATION PLAN
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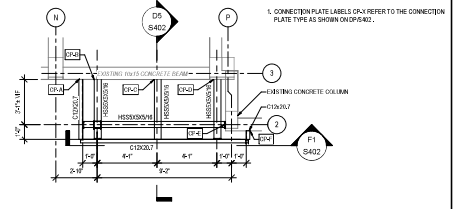

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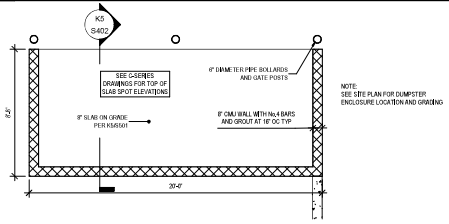
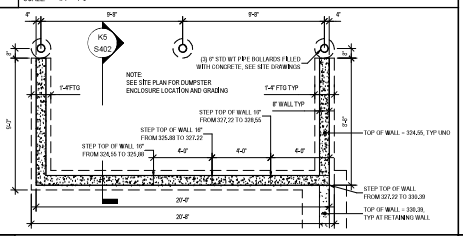
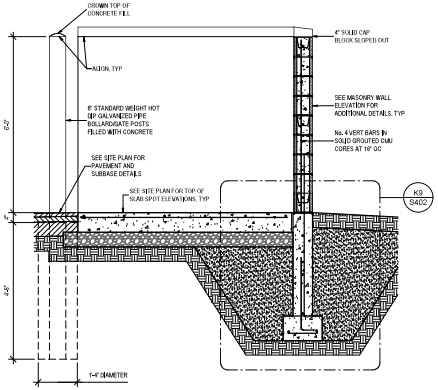


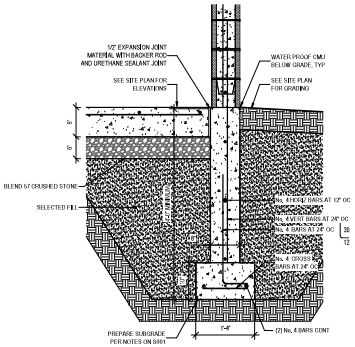
H1	DUMPSTER ENCLOSURE WALL AND SLAB PLAN
REF:	SCALE: 1/4" = 1'-0"



K1	DUMPSTER ENCLOSURE FOUNDATION PLAN
REF:	SCALE: 1/4" = 1'-0"



K5	DUMPSTER ENCLOSURE SECTION
REF: S402	SCALE: 1/2" = 1'-0"



K9	DUMPSTER ENCLOSURE FOUNDATION WALL SECTION
REF: S402	SCALE: 3/4" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SOUTH ENTRY AND DUMPSTER ENCLOSURE FOUNDATION, FRAMING, SECTION AND DETAILS

Drawn By:	Checked By:	Date:
JPS	JAB	8-29-2018

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STATE OF NEW YORK · JEFFREY A. PITTS · 027-0-0 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number
S402

Scale: As indicated

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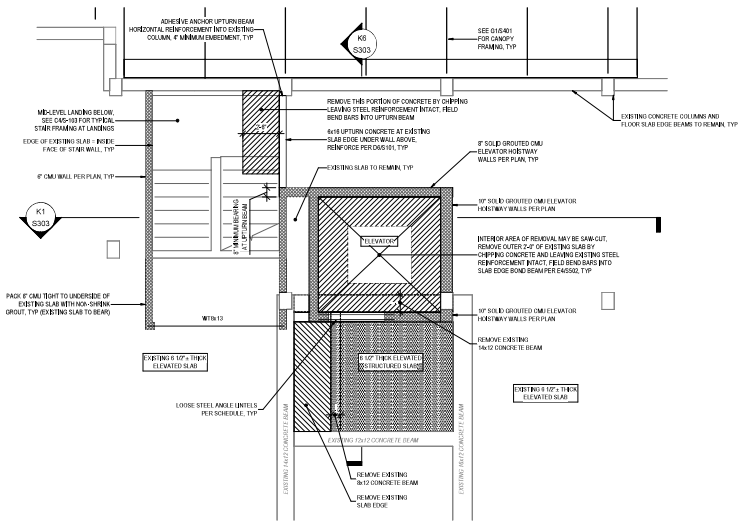
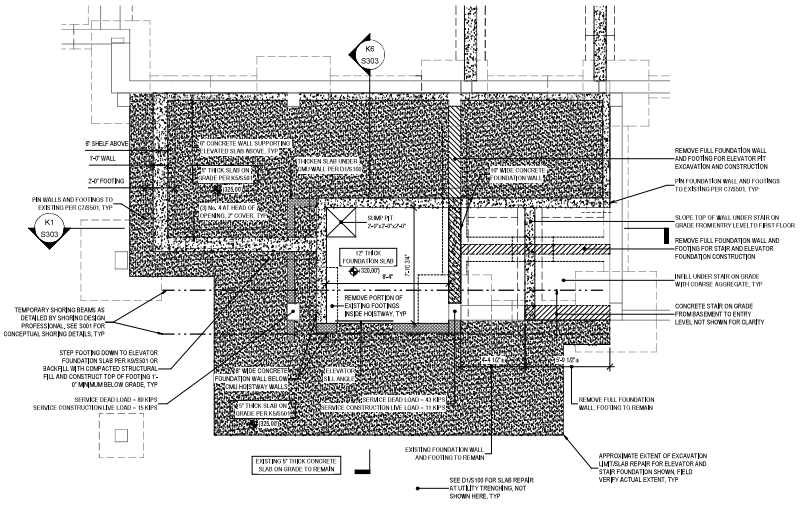


F1 PARTIAL PLAN AT ELEVATOR AND STAIR: SECOND AND THIRD FLOOR

REF: S102 SCALE: 1/4" = 1'-0"

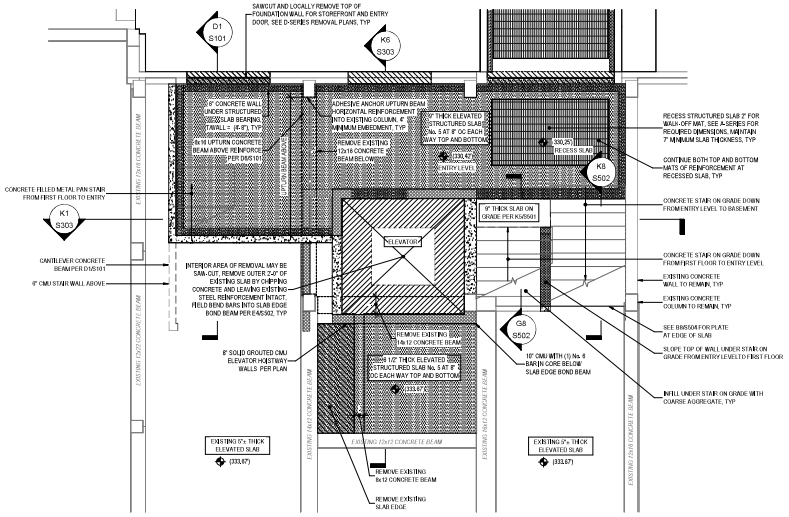
PLAN NORTH



K1 PARTIAL PLAN AT ELEVATOR AND STAIR: BASEMENT

REF: S100 SCALE: 1/4" = 1'-0"

PLAN NORTH



K7 PARTIAL PLAN AT ELEVATOR AND STAIR: FIRST FLOOR

REF: S101 SCALE: 1/4" = 1'-0"

PLAN NORTH

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REVISIONS

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

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ENLARGED PARTIAL PLANS AT ELEVATOR & STAIR STRUCTURE

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DASNY Project No: 341830

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Scale: 1/4" = 1'-0"

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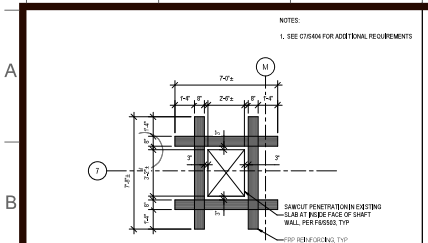
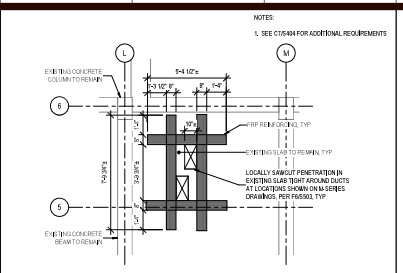


C1	PENETRATION N
REF: S103	SCALE: 1/4" = 1'-0"



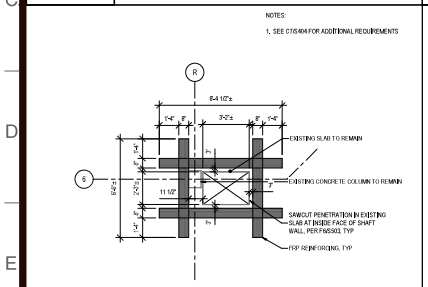
C4	PENETRATION P
REF: S103	SCALE: 1/4" = 1'-0"

FRP STRENGTH REQUIREMENTS - EACH STRIP				
PENETRATION MARK	NORTH-SOUTH TENSILE STRENGTH (KIPS)		EAST-WEST TENSILE STRENGTH (KIPS)	
	TOP	BOTTOM	TOP	BOTTOM
A	12	17	53	27
B	12	17	53	27
C	40	24	53	32
D	25	46	36	18
E	12	16	16	24
F	25	15	16	32
G	48	39	11	17
H	76	46	18	18
J	27	17	27	17
K	12	17	53	27
L	18	17	53	27
M	15	32	23	59
N	19	19	12	24
P	15	22	29	59

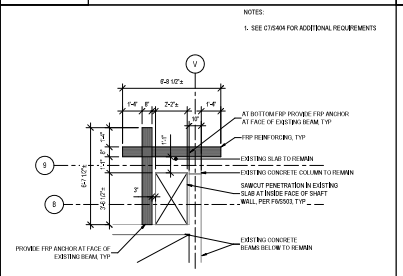
NOTES:

1. STRENGTH REQUIREMENTS IS TOTAL STRENGTH REQUIRED FOR EACH STRIP OF FRP INDICATED IN THE PART PLANS FOR THE GIVEN DIRECTION. STRENGTH PROVIDE BY FRP FOR EACH STRIP SHALL MEET OR EXCEED THE REQUIRED STRENGTH IN THE SCHEDULE.
2. SEE PART PLANS FOR MINIMUM FRP WIDTHS AT EACH PENETRATION.
3. FRP TO BE DESIGNED BY MANUFACTURER. REFER TO SPECIFICATION SECTION 030132 - STRENGTHENING OF CONCRETE WITH FRP REINFORCEMENT.
4. FIELD VERIFY ALL DIMENSIONS PRIOR TO SUBMITTING FRP SUBMITTALS FOR APPROVAL. UNVERIFIED DIMENSIONS ARE CAUSE FOR IMMEDIATE REJECTIONS.
5. REFER TO TYPICAL FRP DETAILS ON S503 FOR ADDITIONAL REQUIREMENTS
6. PROVIDE SINGLE PLY FRP TOP AND BOTTOM IN EACH DIRECTION, MINIMUM
7. ALL FRP LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE FRP WITH APPROVED DUCT SHOP DRAWINGS AND LAYOUT.

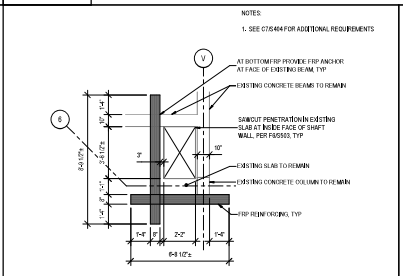
C7	FRP SCHEDULE
REF:	SCALE: 1" = 1'-0"



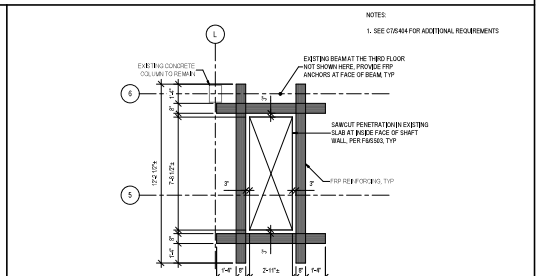
E1	PENETRATION J
REF: S101	SCALE: 1/4" = 1'-0"



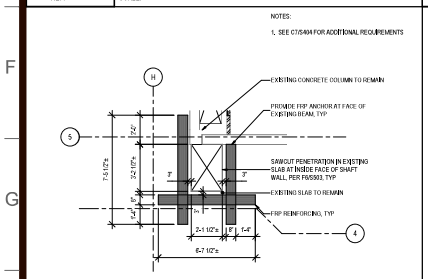
E4	PENETRATION K
REF: S101	SCALE: 1/4" = 1'-0"



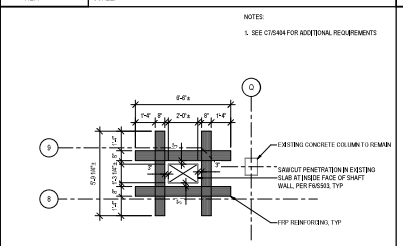
E7	PENETRATION L
REF: S101	SCALE: 1/4" = 1'-0"



E10	PENETRATION M
REF: S104	SCALE: 1/4" = 1'-0"



H1	PENETRATION E
REF: S101	SCALE: 1/4" = 1'-0"



H4	PENETRATION F
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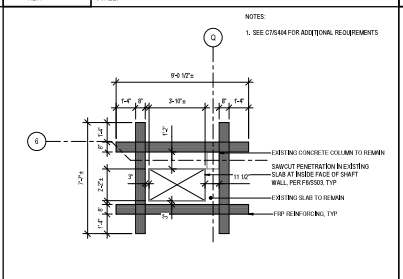
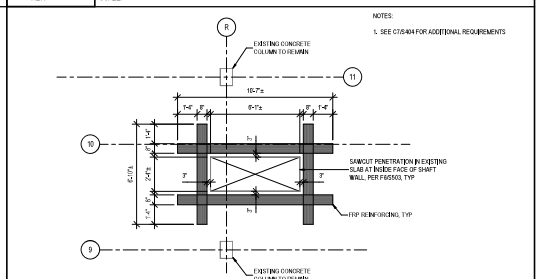
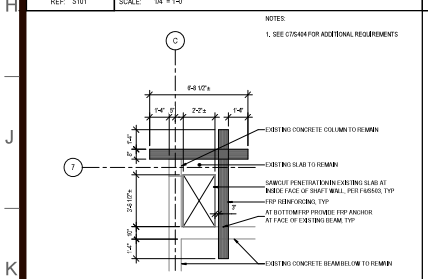


H7	PENETRATION G
REF: S101	SCALE: 1/4" = 1'-0"



H10	PENETRATION H
REF: S101	SCALE: 1/4" = 1'-0"



K1	PENETRATION A
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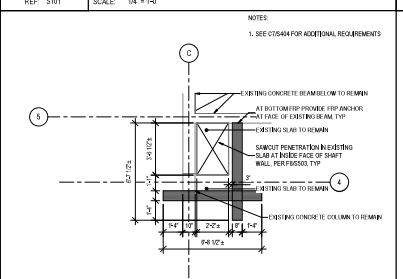
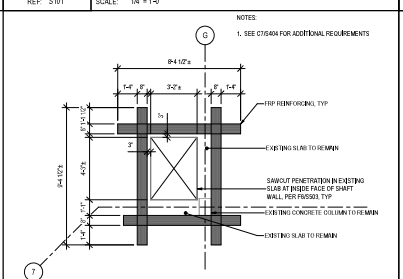
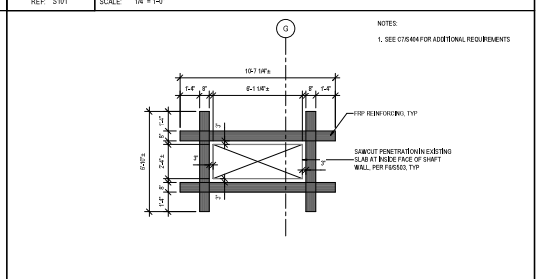


K4	PENETRATION B
REF: S101	SCALE: 1/4" = 1'-0"



K7	PENETRATION C
REF: S101	SCALE: 1/4" = 1'-0"



K10	PENETRATION D
REF: S101	SCALE: 1/4" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title: STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase: BID DOCUMENTS

FRP DETAILS

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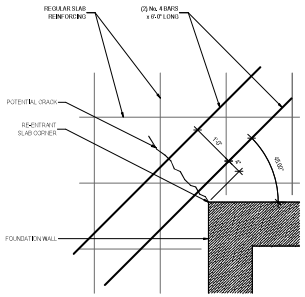
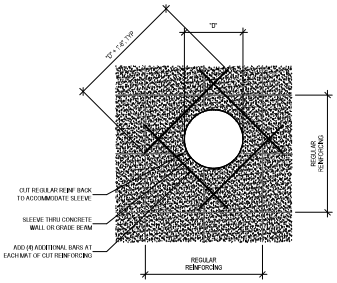


C1	SLAB REENTRANT CORNER REINFORCEMENT
REF:	SCALE: 3/4" = 1'-0"



C4	WALL SLEEVE PENETRATION DETAILS
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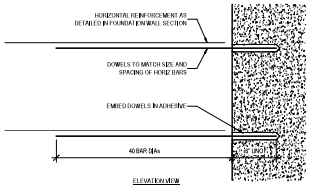
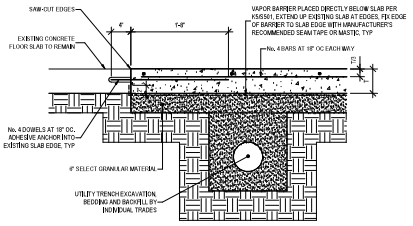
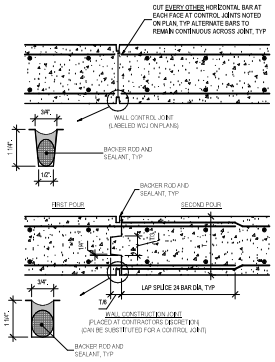


C7	CONCRETE PINNING DETAIL
REF:	SCALE: 1 1/2" = 1'-0"



C10	SLAB ON GRADE INFILL DETAIL
REF:	SCALE: 1" = 1'-0"



G1	CONCRETE WALL JOINT DETAILS
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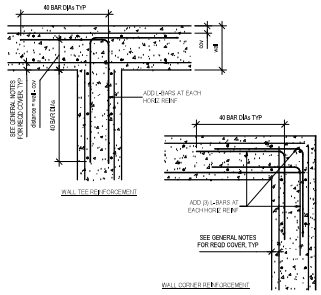
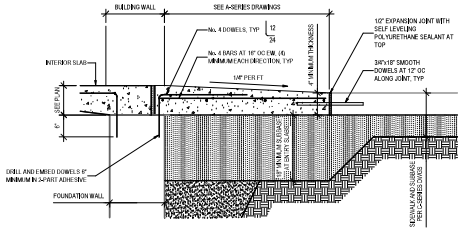
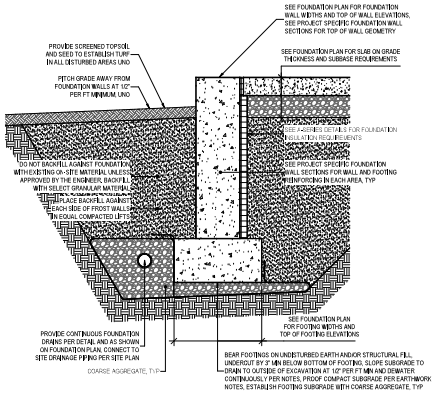


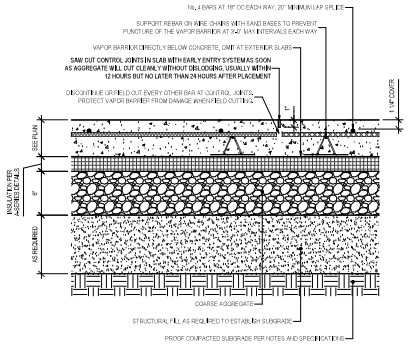
G5	WALL CORNER AND TEE REINFORCEMENT
REF:	SCALE: 3/4" = 1'-0"



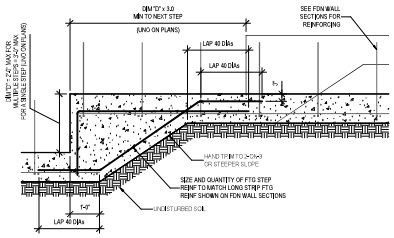
G9	FLOATING ENTRY SLABS
REF: S401	SCALE: 3/4" = 1'-0"



K1	EXCAVATION AND BACKFILL AT FROST WALLS
REF:	SCALE: 3/4" = 1'-0"



K5	SLAB ON GRADE DETAIL
REF:	SCALE: 1 1/2" = 1'-0"



K9	FOOTING STEP REINFORCEMENT
REF:	SCALE: 1/2" = 1'-0"

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12561-2443

Phase
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SECTIONS AND DETAILS

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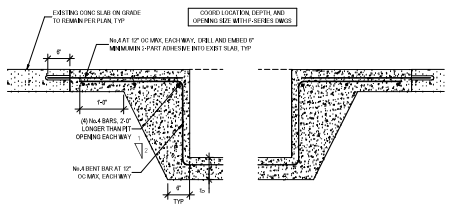
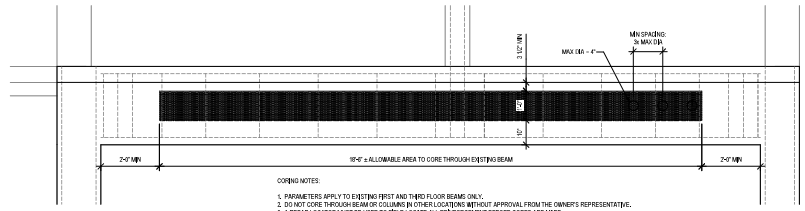
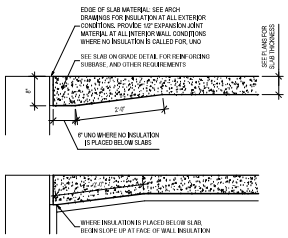


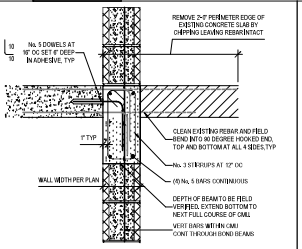
B1	SECTION AT LINT INTERCEPTER
REF: S100	SCALE: 3/4" = 1'-0"



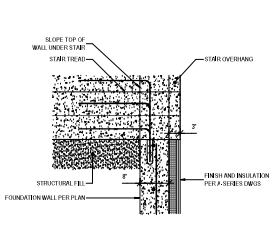
B5	ALLOWABLE AREAS TO CORE DRILL EXISTING FIRST AND THIRD FLOOR BEAMS
REF:	SCALE: 1/2" = 1'-0"



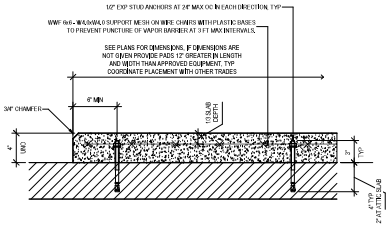
E1	HAUNCH SLAB EDGE
REF:	SCALE: 3/4" = 1'-0"



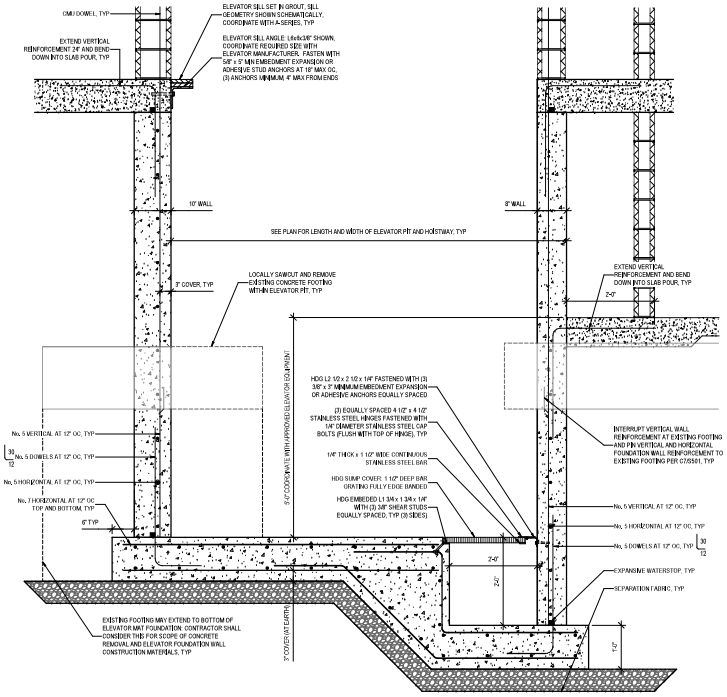
E4	SLAB EDGE BOND BEAM
REF: S302	SCALE: 1" = 1'-0"



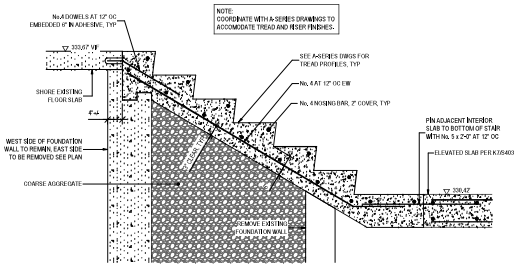
E7	STAIR EDGE SECTION
REF: S502	SCALE: 3/4" = 1'-0"



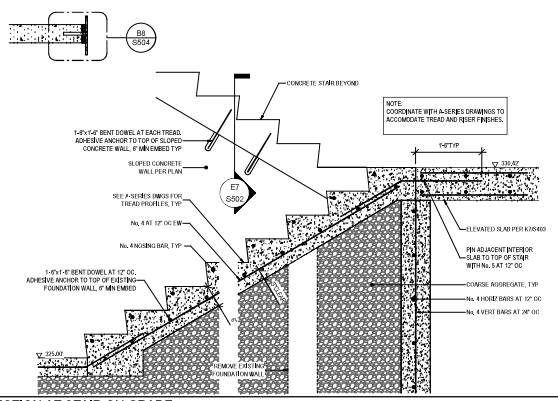
E9	EQUIPMENT HOUSEKEEPING PAD DETAILS
REF:	SCALE: 1 1/2" = 1'-0"



K1	SECTION AT ELEVATOR PIT
REF: S303	SCALE: 3/4" = 1'-0"



G8	SECTION AT STAIR ON GRADE
REF: S403	SCALE: 3/4" = 1'-0"



K8	SECTION AT STAIR ON GRADE
REF: S403	SCALE: 3/4" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECTIONS AND DETAILS

Drawn By:	Checked By:	Date:
JPS	JAB	8-29-2018

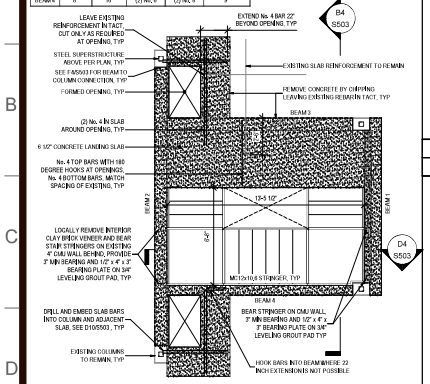
Seal & Signature

DASNY Project No: 341830

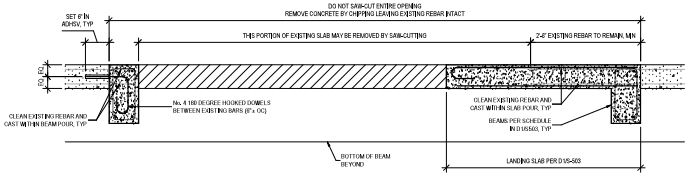
Drawing Number
S502

Scale: As indicated

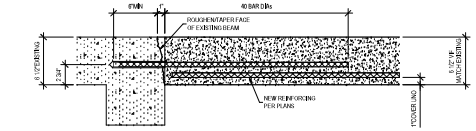
BEAM SCHEDULE					
MARK	WIDTH	HEIGHT	TOP BARS	BOT BARS	No. 3 HOOP SPACING
BEAM 1	14"	18"	(2) No. 6	(3) No. 8	12"
BEAM 2	10"	21"	(2) No. 8	2 ROWS (3) No. 9	(4@3", (10@6", REST @12"
BEAM 3	10"	18"	(2) No. 6	(3) No. 8	12"
BEAM 4	8"	18"	(2) No. 6	(2) No. 8	9"



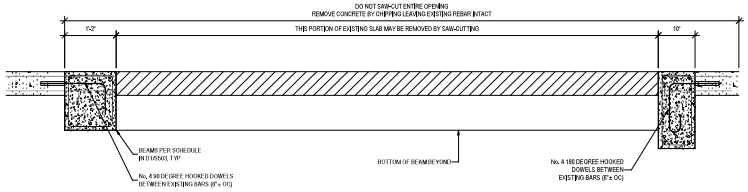
D1	PARTIAL PLAN AT STAIR THRU ROOF
REF: S104	SCALE: 1/4" = 1'-0"



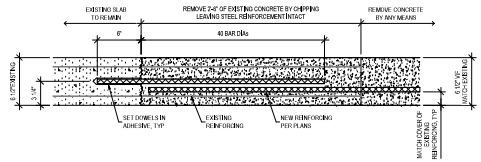
B4	SECTION AT STAIR PENETRATION THRU ROOF
REF: S503	SCALE: 3/4" = 1'-0"



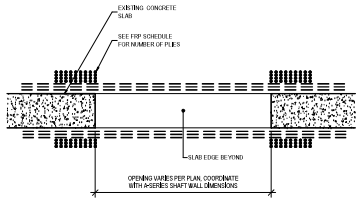
B10	SLAB INFILL PINNING DETAIL AT EXISTING BEAM OR SLAB EDGE
REF:	SCALE: 1 1/2" = 1'-0"



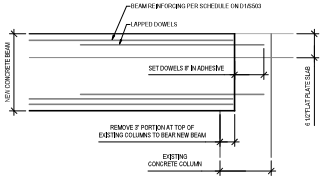
D4	SECTION AT STAIR PENETRATION THRU ROOF
REF: S503	SCALE: 3/4" = 1'-0"



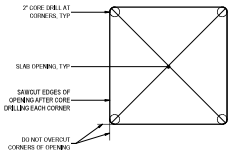
D10	SLAB INFILL PINNING DETAIL INTEGRATED WITH EXISTING SLAB
REF:	SCALE: 1 1/2" = 1'-0"



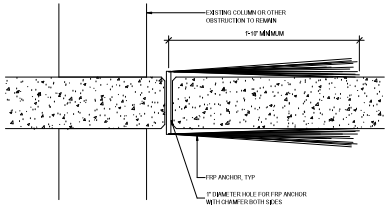
F1	TYPICAL SECTION AT FRP
REF: S301	SCALE: 1" = 1'-0"



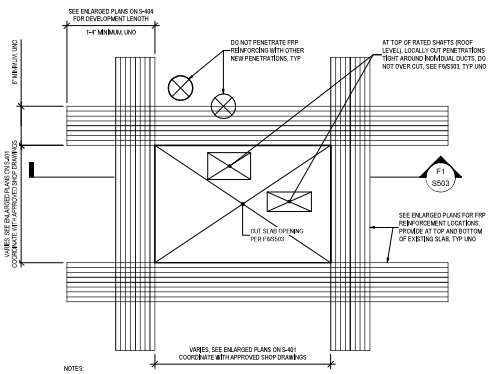
F4	BEAM TO EX COLUMN CONNECTION
REF:	SCALE: 3/4" = 1'-0"



F6	ELEVATED SLAB PENETRATION DETAIL
REF:	SCALE: 1" = 1'-0"



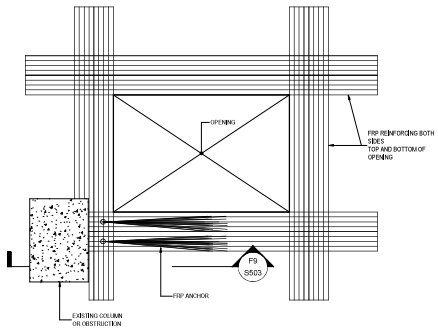
F9	SECTION AT TYPICAL FRP ANCHOR
REF: S503	SCALE: 1 1/2" = 1'-0"



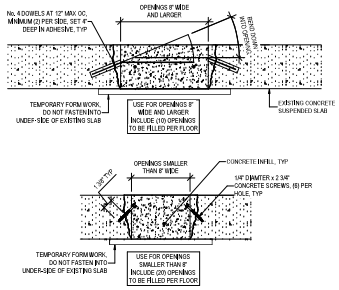
NOTES:

1. COORDINATE FINAL SIZE AND LOCATION OF PENETRATIONS WITH APPROVED SHOP DRAWINGS OF ALL TRADES
2. REFER TO F/S503 FOR PENETRATION IN EXISTING ELEVATED SLABS
3. TEMPORARILY SUPPORT SLAB PRIOR TO CUTTING AND REMOVING EXISTING SLAB
4. DO NOT CUT, CORE, OR OTHERWISE DAMAGE FRP AFTER INSTALLATION
5. IT IS THE DESIGN INTENT TO AVOID OBSTRUCTIONS AND PRECLUDE THE USE OF FRP ANCHORS UNO. IF OBSTRUCTIONS EXIST, ANCHORS SHALL BE DESIGNED AND SUBMITTED PER K/S503, GC SHALL VERIFY ALL EXISTING CONDITIONS AND LAYOUT PRIOR TO SUBMITTING FRP DESIGN FOR APPROVAL
6. PROVIDE INTUMESCENT COATING OVER REINFORCING. PROVIDE CONCRETE UNDERLAYMENT OVER THE INTUMESCENT COATING PRIOR TO WALL FRAMING AND MEP ROUGH-IN

K1	PARTIAL PLAN VIEW AT TYPICAL FRP REINFORCING
REF:	SCALE: 1" = 1'-0"



K5	PARTIAL PLAN VIEW AT TYPICAL OBSTRUCTED FRP REINFORCING
REF:	SCALE: 1" = 1'-0"



K9	EXISTING SLAB OPENING INFILL
REF: S301	SCALE: 1 1/2" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SECTIONS AND DETAILS

Drawn By:	Checked By:	Date:
JPS	JAB	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

S503

Scale: As indicated

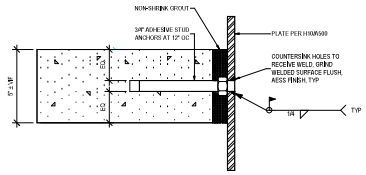
MASONRY OPENING STEEL ANGLE LINTEL SCHEDULE					
MEMBER SIZES GIVEN ARE ONLY FOR SUPPORT OF MASONRY OPENINGS WITH NO ADDITIONAL SUPERIMPOSED LOADS ABOVE. SEE PLANS FOR SPECIAL LINTELS SUPPORTING POINT LOADS. PROVIDE 8" MINIMUM BEARING OF LINTELS AT EACH END UNO. WELD MULTI-ANGLE LINTELS TOGETHER WITH 1 1/2" LONG WELDS AT 12" OC UNO. HOT-DIP GALVANIZE LINTELS IN EXTERIOR WALLS UNO.					
CLEAR MASONRY OPENING WIDTH	LINTEL FOR 4" MASONRY WALLS	LINTEL FOR 6" MASONRY WALLS	LINTEL FOR 8" MASONRY WALLS	LINTEL FOR 10" MASONRY WALLS	LINTEL FOR 12" MASONRY WALLS
0" TO 1'-5"	FLAT 5/16" PLATE	FLAT 5/16" PLATE	FLAT 5/16" PLATE	FLAT 5/16" PLATE	FLAT 5/16" PLATE
1'-5" TO 2'-1"	L3 1/2x3 1/2x1/4*	WT4x9	(2) L3 1/2x3 1/2x 1/4*	L5x3x 1/4 and L4x3x 1/4* (LLV)	L6x3 1/2x5/16* and L5x3 1/2x5/16* (LLV)
2'-1" TO 2'-11"	L3 1/2x3 1/2x5/16*	WT4x9	(2) L3 1/2x3 1/2x5/16*	L5x3x 1/4 and L4x3x 1/4* (LLV)	L6x3 1/2x5/16* and L5x3 1/2x5/16* (LLV)
2'-11" TO 4'-1"	L3 1/2x3 1/2x3/8*	WT4x16.5	(2) L3 1/2x3 1/2x3/8*	L5x3x 1/4 and L4x3x 1/4* (LLV)	L6x3 1/2x5/16* and L5x3 1/2x5/16* (LLV)
5'-0" TO 5'-11"	L4x3 1/2x5/16* (LLV)	WT5x11	(2) L4x3 1/2x5/16* (LLV)	L5x3 1/2x 1/4* and L4x3 1/2x 1/4* (LLV)	L6x3 1/2x3/8* and L5x3 1/2x3/8* (LLV)
6'-0" TO 6'-11"	L4x3 1/2x3/8* (LLV)	WT5x11	(2) L6x3 1/2x3/8* (LLV)	L5x3 1/2x3/8* and L4x3 1/2x3/8* (LLV)	L6x3 1/2x3/8* and L5x3 1/2x3/8* (LLV)
7'-0" TO 7'-11"	L5x3 1/2x5/16* (LLV)	WT8x13	(2) L5x3 1/2x5/16* (LLV)	L6x6x5/16* and L6x3 1/2x5/16* (LLV)	L6x6x3/8* and L5x5x3/8*
8'-0" TO 8'-11"	L5x3 1/2x3/8* (LLV)	WT8x13	(2) L5x3 1/2x3/8* (LLV)	L6x6x5/16* and L6x3 1/2x5/16* (LLV)	L6x6x3/8* and L5x5x3/8*
9'-0" TO 9'-11"	L6x3 1/2x3/8* (LLV)	WT8x13	(2) L6x3 1/2x3/8* (LLV)	L6x6x3/8* and L6x3 1/2x3/8* (LLV)	L6x6x3/8* and L5x5x3/8*

LOOSE LINTEL NOTES:

1. MEMBER SIZES GIVEN ARE ONLY FOR SUPPORT OF MASONRY OPENING WITH NO ADDITIONAL SUPERIMPOSED LOADS ABOVE.
2. SEE PLANS FOR SPECIAL LINTELS SUPPORTING ADDITIONAL LOADS.
3. PROVIDE 8" MIN BEARING OF LINTELS AT EACH END UNO.
4. WELD MULTI-ANGLE LINTELS TOGETHER WITH 1 1/2" LONG WELDS AT 12" OC UNO.
5. HOT-DIP GALVANIZE LINTELS IN EXTERIOR WALLS UNO.
6. PROVIDE CUTTING AND PATCHING OF ALL SURROUNDING MATERIALS AND FINISHES REQUIRED TO INSTALL LINTELS.
7. PROVIDE TEMPORARY SHORING OF MASONRY CONSTRUCTION ABOVE TO ACCOMMODATE SAFE INSTALLATION WHILE PREVENTING SETTLEMENT, MOVEMENT, CRACKING, OR DISTORTION OF MATERIALS.
8. UNLESS NOTED OTHERWISE, TOOTH NEW INFILL MASONRY INTO EXISTING MATERIAL AND MATCH THE EXISTING BOND PATTERN.
9. CUT ALL NEW MASONRY AS REQUIRED AND BED / SLUSH SOLID AROUND STEEL LINTELS FOR SOLID BEARING.

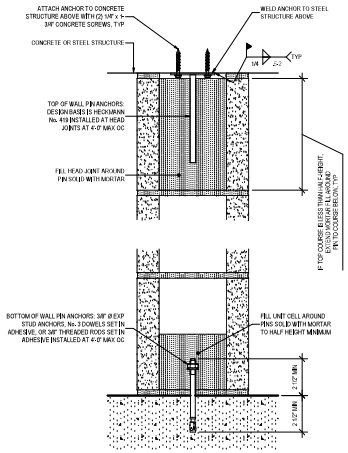
B1 STEEL ANGLE AND PLATE LINTEL SCHEDULE

REF: SCALE: 1/2" = 1'-0"



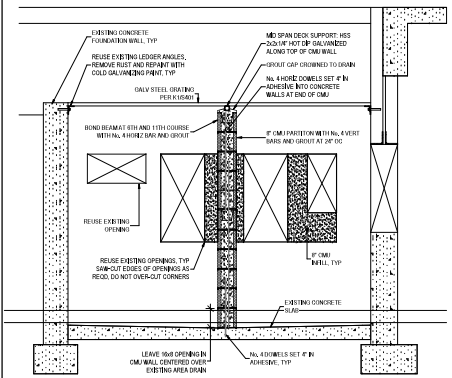
B8 PLATE AT FIRST FLOOR STAIR

REF: S502 SCALE: 3" = 1'-0"



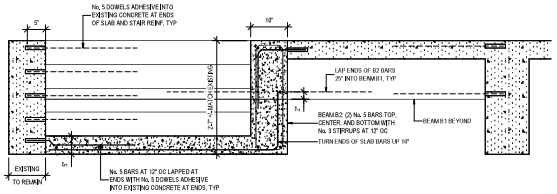
G1 CMU WALL TOP AND BOTTOM PINNING DETAIL

REF: SCALE: 3" = 1'-0"



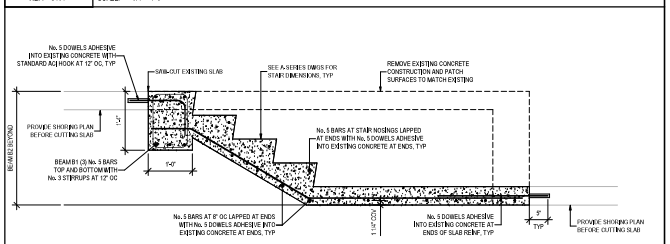
G5 AREAWAY OPENINGS

REF: S401 SCALE: 1/2" = 1'-0"



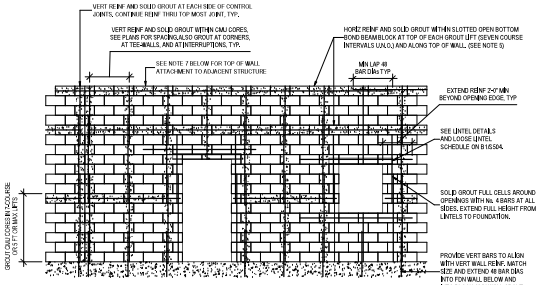
D9 SECTION AT FIRST FLOOR LOUNGE STAIR

REF: S101 SCALE: 3/4" = 1'-0"



G9 SECTION AT FIRST FLOOR LOUNGE STAIR

REF: S101 SCALE: 3/4" = 1'-0"

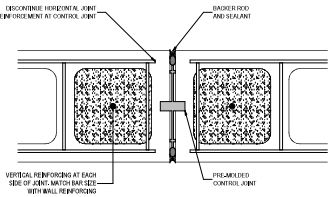


NOTES:

1. THIS DETAIL APPLIES TO ALL CMU WALLS INDICATED ON THE S-SERIES PLANS.
2. INSTALL HORIZONTAL JOINT REINFORCING PER SPECIFICATIONS AT EVERY OTHER COURSE AND AT TOP COURSE.
3. PERFORM LOW LIFT GROUTING PER CURRENT NCMA TEK NOTES 3-2.
4. INSTALL VERTICAL REINFORCEMENT AT SIDES OF OPENINGS, ENDS OF WALLS, AND CORNERS, TYP.
5. USE SLOTTED OPEN BOTTOM BOND BEAM BLOCK TO ALLOW CONTINUOUS (UNINTERRUPTED) HORIZ AND VERT REINF AND GROUT.
6. USE No. 5 BAR REINF UNLESS OTHERWISE NOTED ON PLANS.
7. SEE KEYED DETAILS ON PLANS FOR SPECIFIC TOP AND BOTTOM OF WALL ATTACHMENT DETAILS. WHERE NO SPECIFIC DETAIL IS INDICATED, PIN TOP OF CMU WALLS TO ADJACENT STRUCTURE PER DETAIL G15504
8. PIN SIDES OF WALL TO ADJACENT CONCRETE WALL OR COLUMN WITH (2) 16 GA CORRUGATED BRICK TIES FASTENED WITH 1/4" x 1 3/4" CONCRETE SCREWS, BEND CORRUGATED BRICK TIE FLAT AND LAY WITHIN BED JOINTS AT EVERY OTHER COURSE (MATCH HORIZONTAL JOINT REINFORCEMENT SPACING), TYP

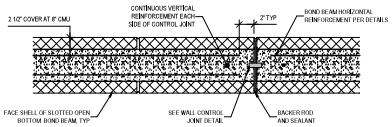
K1 TYPICAL CMU WALL REINFORCEMENT ELEVATION

REF: SCALE: 1/4" = 1'-0"



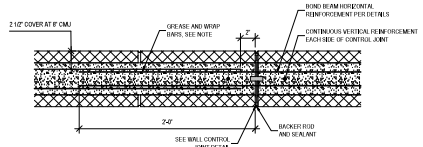
K5 CMU WALL CONTROL JOINT

REF: SCALE: 3" = 1'-0"



H9 CMU WALL CONTROL JOINT AT BOND BEAM

REF: SCALE: 1 1/2" = 1'-0"



NOTE

1. CONTRACTOR'S OPTION TO CAST PVC OR GALVANIZED STEEL CONDUIT SLEEVES INTO WALL IN LIEU OF "GREASE AND WRAP"

K9 CMU WALL CONTROL JOINT AT TOP COURSE BOND BEAM

REF: SCALE: 1 1/2" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title: STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase: BID DOCUMENTS

SECTIONS AND DETAILS

Drawn By: CDS | Checked By: JAB | Date: 8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number: S504

Scale: As indicated

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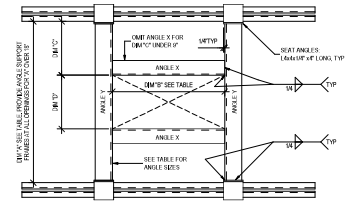
ANGLE SIZES			
DIM "A", in	ANGLE Y	DIM "B", in	ANGLE X
1,5<A<3,0	L3x3x1/4"	1,5<B<6,0	L3x3x1/4"
3,0<A<4,5	L4x3x1/4"	6,0<B<8,0	L4x3x1/4"
4,5<A<6,0	L5x3x1/4"		
6,0<A<8,0	L5x5-1/2x1/4"		

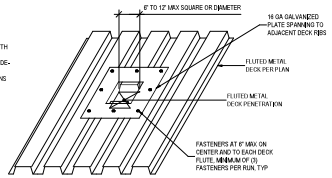
NOTES FOR OPENINGS LARGER THAN 12":

1. PROVIDE SUPPORT ANGLE FRAME AS SHOWN FOR ALL OPENINGS IN FLUTED STEEL DECK. COORDINATE QUANTITY, SIZES, AND LOCATIONS WITH ALL OTHER CONTRACTS
2. PROVIDE L4-1/2x1-1/2x1/4" STEEL JOIST WEB STIFFENERS ON EACH SIDE OF JOIST TO BRIDGE BETWEEN PANEL POINTS WHEN ANGLE Y FALLS A DISTANCE GREATER THAN 6" FROM A JOIST TOP CHORD PANEL POINT.



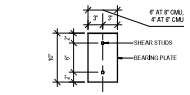
NOTES FOR OPENINGS SMALLER THAN 12":

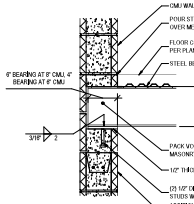
1. OPENINGS LESS THAN 6" IN DIAMETER OR WIDTH DO NOT REQUIRE ADDITIONAL REINFORCEMENT.
2. FASTENERS SHALL CONSIST OF APPROVED SIDE-LAP TYPE FASTENERS, TYP UNO.
3. COORDINATE QUANTITY, SIZES, AND LOCATIONS WITH ALL OTHER CONTRACTS.



G1 TYPICAL OPENINGS IN FLUTED METAL DECK

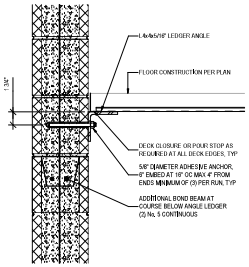
REF: SCALE: 1" = 1'-0"





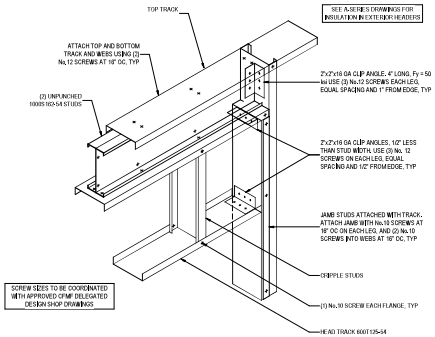
C5 TYPICAL BEAM BEARING AT CMU

REF: SCALE: 1" = 1'-0"



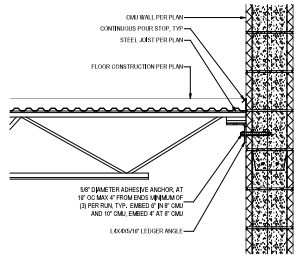
C7 DECK LEDGER ANGLE DETAIL

REF: S303 SCALE: 1 1/2" = 1'-0"



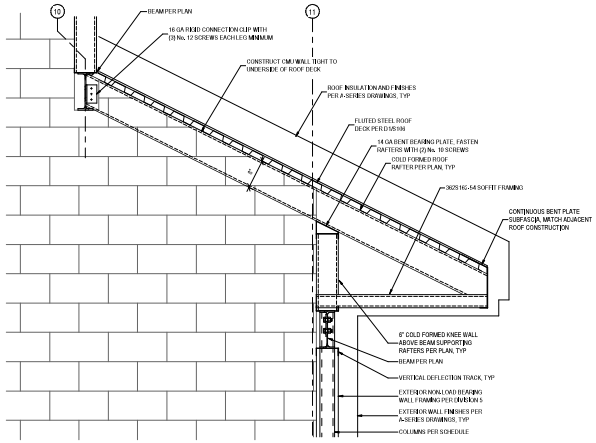
C10 TYPICAL BACK TO BACK HEADER DETAIL

REF: SCALE: 3/4" = 1'-0"



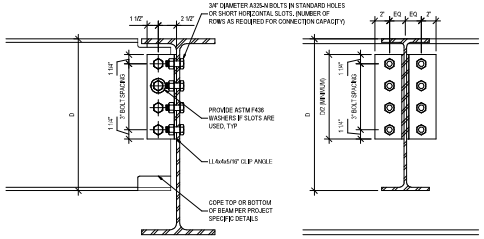
G5 LEDGER ANGLE SUPPORTING BAR JOISTS

REF: SCALE: 1" = 1'-0"



G9 SECTION AT COLD FORMED RAFTER OVER STAIR

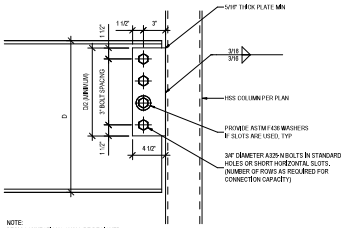
REF: S105 SCALE: 3/4" = 1'-0"



NOTE:
BEAM CONNECTIONS SHALL BE DESIGNED FOR THE REACTIONS PROVIDED ON THE FRAMING PLANS. (2) BOLTS MINIMUM, TYP

K1 TYPICAL DOUBLE CLIP ANGLE CONNECTIONS

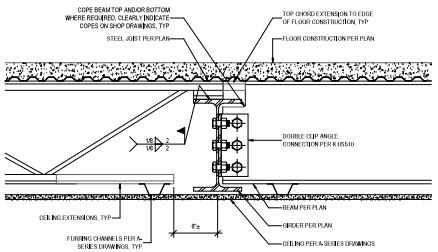
REF: SCALE: 1 1/2" = 1'-0"



NOTE:
BEAM CONNECTIONS SHALL BE DESIGNED PER THE REACTIONS PROVIDED ON THE FRAMING PLANS. (2) BOLTS MINIMUM, TYP

K5 TYPICAL SINGLE PLATE CONNECTIONS

REF: SCALE: 1 1/2" = 1'-0"



K9 TYPICAL STEEL JOIST AND BEAM CONNECTION DETAIL

REF: SCALE: 1 1/2" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

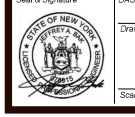
Phase

BID DOCUMENTS

SECTIONS AND DETAILS

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature



DASNY Project No: 341830

Drawing Number

S510

Scale: As indicated

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STRUCTURAL COLUMN SCHEDULE

COLUMN LOCATION MARK	TYPE	BASE LEVEL	BASE OFFSET	LENGTH	BASE PLATE
A-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
A-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
A-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
A-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
A-7	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
A-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
A-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
B-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
D-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
F-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
G-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
H-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
J-12	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
J-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
J-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	21' - 9 1/8"	C
J-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	21' - 9 1/8"	C
J-5	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	21' - 9 1/8"	C
J-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
J-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
H-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
G-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
F-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
D-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
B-1	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
B-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
D-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	15' - 3 7/8"	A
F-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
G-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
H-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
C-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
C-7	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
B-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
D-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	15' - 3 7/8"	A
E-7	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
E-5	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
G-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	C
G-7	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
G-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
F-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
H-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
K-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
K-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
K-4	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
L(-4' - 3")-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
L-4	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
L-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
K(0' - 5")-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
L-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
M-8	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
N-8	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
N-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
M-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
M-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
M-4	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
M(-1' - 8")-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
N-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
N-4	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
N-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
M-10	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
L-10	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
K(0' - 5")-10	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
N-10	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
J-4	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
P-8	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	21' - 9 1/8"	A
P-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
P-3	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
P-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	21' - 9 1/8"	A
P-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	21' - 9 1/8"	A
P-10	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
J-10	HSS4X4X3/8	ATTIC T/STEEL	0' - 0"	12' - 6 1/2"	ON BEAM
X-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
X-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
X-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
X-7	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
X-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
X-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
X-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
W-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
U-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
S-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
R-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
Q-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
Q-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
R-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
S-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
U-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
W-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
W-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
Q-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
V-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
V-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
W-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
T-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
T-8	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A
R-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
P-13	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
Q-6	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
Q-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	C
P-2	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	B
U-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
S-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
R-11	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
U-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	15' - 3 7/8"	A
R-9	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
R-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
S-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
Q-4	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	16' - 2 1/8"	A
L(1' - 0")-8	HSS4X4X3/8	FOURTH FLOOR T/SLAB	0' - 1 1/2"	9' - 2 5/8"	A

NORTH CANOPY STRUCTURAL COLUMN SCHEDULE

COLUMN LOCATION MARK	TYPE	BASE LEVEL	BASE OFFSET	LENGTH	BASE PLATE
J(1' - 0")-12(8' - 4")	HSS8X8X5/16	FIRST FLOOR T/SLAB	-3' - 9 1/2"	12' - 7 1/2"	D
K-11(11' - 10")	HSS8X8X5/16	FIRST FLOOR T/SLAB	-3' - 9 1/2"	12' - 7 1/2"	D
L-11(11' - 10")	HSS8X8X5/16	FIRST FLOOR T/SLAB	-3' - 9 1/2"	12' - 7 1/2"	D
N(-11' - 0")-13(-2' - 2")	HSS8X8X5/16	FIRST FLOOR T/SLAB	-3' - 9 1/2"	12' - 7 1/2"	D

SOUTH CANOPY STRUCTURAL COLUMN SCHEDULE

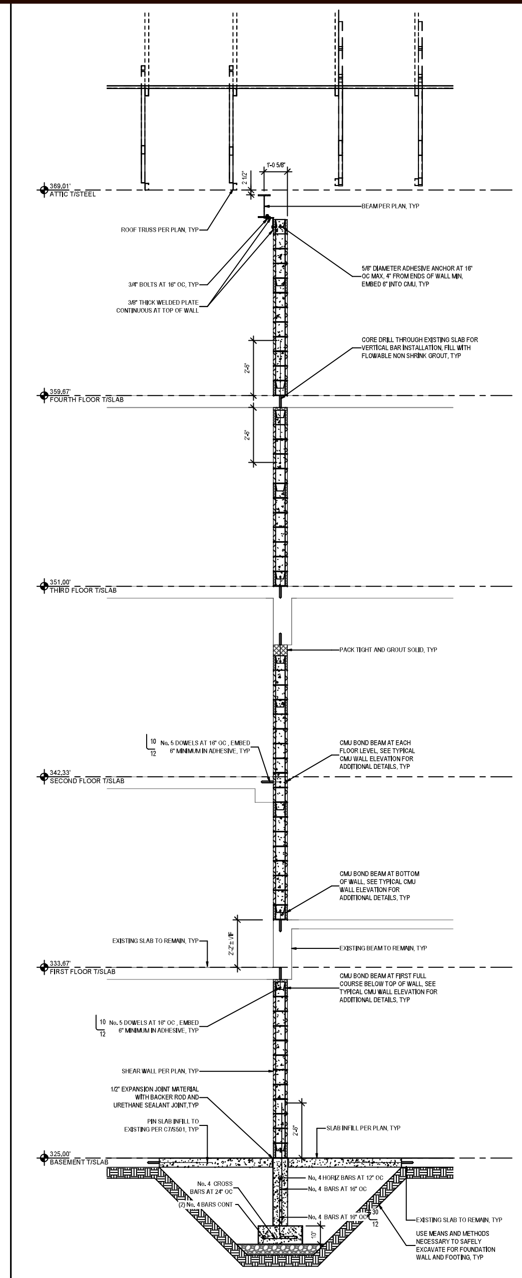
COLUMN LOCATION MARK	TYPE	BASE LEVEL	BASE OFFSET	LENGTH	BASE PLATE
N(2' - 10")-2	HSS6X6X5/16	BASEMENT T/SLAB	-0' - 6 1/2"	9' - 4 1/2"	E

BRACE FRAME STRUCTURAL COLUMN SCHEDULE

COLUMN LOCATION MARK	TYPE	BASE LEVEL	BASE OFFSET	LENGTH	BASE PLATE
B-12(-1' - 10")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	G
B-9(1' - 6")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
B-12(-1' - 10")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-9(1' - 6")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-12(-1' - 10")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-9(1' - 6")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-12(-1' - 10")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-9(1' - 6")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-12(-1' - 10")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 3/8"	H
B-9(1' - 6")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 3/8"	H
B(1' - 4")-9(-0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
C(1' - 3")-9(-0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
B(1' - 4")-9(-0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
C(1' - 3")-9(-0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B(1' - 4")-9(-0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
C(1' - 3")-9(-0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B(1' - 4")-9(-0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
C(1' - 3")-9(-0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B(1' - 4")-9(-0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 0 7/8"	H
C(1' - 3")-9(-0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 0 7/8"	H
E(-3' - 1")-9(-0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
F(-1' - 4")-9(-0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
E(-3' - 1")-9(-0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
F(-1' - 4")-9(-0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
E(-3' - 1")-9(-0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
F(-1' - 4")-9(-0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
E(-3' - 1")-9(-0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
F(-1' - 4")-9(-0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
E(-3' - 1")-9(-0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 0 7/8"	H
F(-1' - 4")-9(-0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 0 7/8"	H
B-3(-1' - 6")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
B-1(1' - 10")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	G
B-3(-1' - 6")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-1(1' - 10")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-3(-1' - 6")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-1(1' - 10")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-3(-1' - 6")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-1(1' - 10")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B-3(-1' - 6")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
B-1(1' - 10")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
B(1' - 4")-3(0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
C(1' - 3")-3(0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
B(1' - 4")-3(0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
C(1' - 3")-3(0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B(1' - 4")-3(0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
C(1' - 3")-3(0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B(1' - 4")-3(0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
C(1' - 3")-3(0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
B(1' - 4")-3(0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
C(1' - 3")-3(0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
G(4' - 8")-3(0' - 4 3/8")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
H(-1' - 4")-3(0' - 4 3/8")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
G(4' - 8")-3(0' - 4 3/8")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
H(-1' - 4")-3(0' - 4 3/8")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
G(4' - 8")-3(0' - 4 3/8")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
H(-1' - 4")-3(0' - 4 3/8")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
G(4' - 8")-3(0' - 4 3/8")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
H(-1' - 4")-3(0' - 4 3/8")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
G(4' - 8")-3(0' - 4 3/8")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
H(-1' - 4")-3(0' - 4 3/8")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
Q(1' - 4")-4(0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
R(-4' - 8")-4(0' - 5")	HSS10X5X3/8	BASEMENT T/SLAB	-0' - 6"	8' - 6 1/2"	F
Q(1' - 4")-4(0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
R(-4' - 8")-4(0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
Q(1' - 4")-4(0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
R(-4' - 8")-4(0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
Q(1' - 4")-4(0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
R(-4' - 8")-4(0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
Q(1' - 4")-4(0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
R(-4' - 8")-4(0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
W-4(-1' - 6")	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
W-2(1' - 10")	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
W-4(-1' - 6")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-2(1' - 10")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-4(-1' - 6")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-2(1' - 10")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-4(-1' - 6")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
W-2(1' - 10")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
W-13(-1' - 10")	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
W-11(1' - 6")	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
W-13(-1' - 10")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-11(1' - 6")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-13(-1' - 10")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-11(1' - 6")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W-13(-1' - 10")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
W-11(1' - 6")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
W(4' - 6")-11(-0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
X(-1' - 8")-11	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
W(4' - 6")-11(-0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
X(-1' - 8")-11	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W(4' - 6")-11(-0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
X(-1' - 8")-11	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W(4' - 6")-11(-0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
X(-1' - 8")-11	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
W(4' - 6")-4(0' - 5")	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
X(-1' - 8")-4	HSS10X5X3/8	FIRST FLOOR T/SLAB	-0' - 6"	8' - 6 1/2"	G
W(4' - 6")-4(0' - 5")	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
X(-1' - 8")-4	HSS10X5X3/8	SECOND FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W(4' - 6")-4(0' - 5")	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
X(-1' - 8")-4	HSS10X5X3/8	THIRD FLOOR T/SLAB	0' - 1"	7' - 11 1/2"	H
W(4' - 6")-4(0' - 5")	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H
X(-1' - 8")-4	HSS10X5X3/8	FOURTH FLOOR T/SLAB	0' - 1"	8' - 2 5/8"	H

COLUMN SCHEDULE NOTES:

1. BOTTOM OF BASE PLATE ELEVATIONS NOTED ARE ABOVE OR BELOW THE BASE LEVEL INDICATED. REFER TO PLANS FOR REFERENCE ELEVATIONS.
2. PROVIDE 1/4" THICK CAP PLATE ON ALL HSS COLUMNS UNLESS DETAILED OTHERWISE.
3. LENGTH OF COLUMN IS MEASURED FROM BOTTOM OF BASE PLATE TO TOP OF CAP PLATE
4. REFER TO K5/S602 FOR BASE PLATES, TYP
5. PLUS OR MINUS DIMENSIONS IN THE COLUMN LOCATION MARK (+-) INDICATE OFFSETS FROM INDICATED COLUMN GRIDS.
6. LENGTH OF BRACE FRAME COLUMNS SHALL BE FIELD VERIFIED TO FIT TIGHT TO EXISTING SLABS. PROVIDE UP TO 1" MAX NON-SHRINK GROUT AT PLATES BETWEEN LEVELS TO TIGHTLY BEAR, TYP
7. EXPOSED CANOPY COLUMNS SHALL BE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL LEVEL 3 (AESS-3) IN ACCORDANCE WITH AISC SECTION 10. ALL AESS SHALL BE SHOP PRIMED WITH TNEMEC PAINT AND PRIME SYSTEM.
8. "ON BEAM" BASEPLATE CONNECTION TO BE 1/2" THICK PLATE WITH MINIMUM (4) 3/4" DIAMETER A325 BOLTS.



K10 SECTION AT SHEAR WALL
REF: S100 SCALE: 3/8" = 1'-0"

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway Albany New York 12207 2964
One Penn Plaza 52 Floor New York New York 10119 0098
539 Franklin Street Buffalo New York 14202 1109
WWW DASNY ORG

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Project Key

REVISIONS

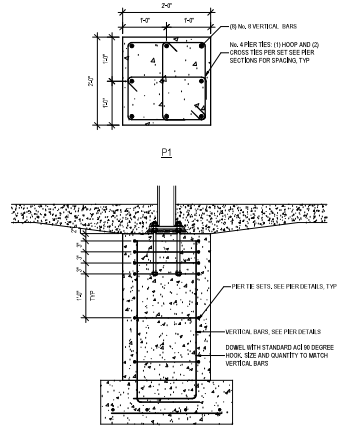
Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

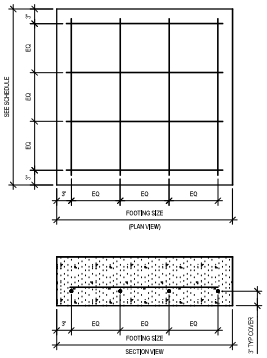
COLUMN SCHEDULE

Drawn By: CDS | Checked By: JAB | Date: 8-29-2018
Seal & Signature: STATE OF NEW YORK, JEFFREY A. BAK, 078815, LICENSED PROFESSIONAL ENGINEER
DASNY Project No: 341830
Drawing Number: S601
Scale: 3/8" = 1'-0"



F1 PIER SECTION AND SCHEDULE

REF: SCALE: 3/4" = 1'-0"



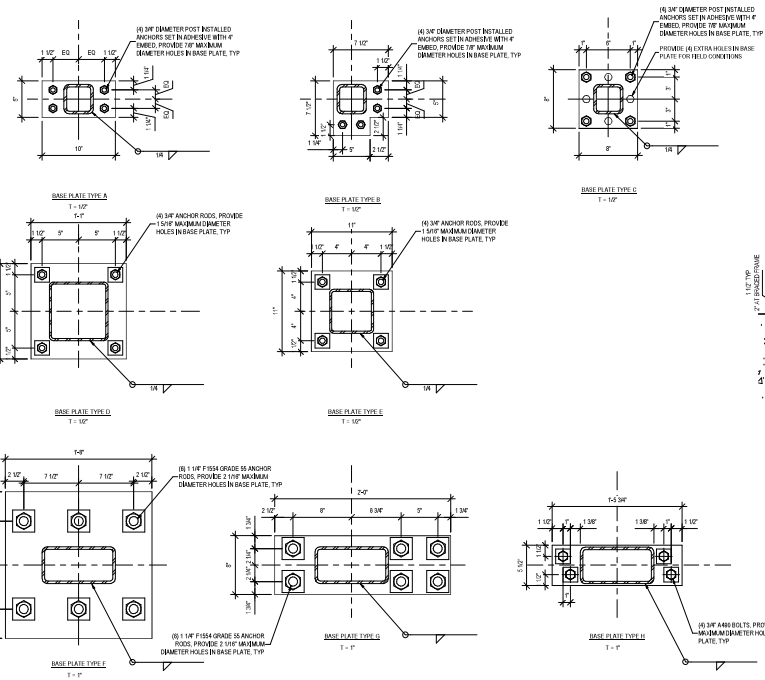
FOOTING REINFORCING REQUIREMENTS			
FOOTING MARK	FOOTING SIZE	FOOTING DEPTH	BOTTOM REBAR: QTY AND SIZE
F1.0	2'-0" x 2'-0"	1'-0"	(6) No. 5s
F1.1 NOTE 7	2'-0" x 1'-0"	1'-0"	(6) No. 5s LONG DIRECTION (2) No. 5s SHORT DIRECTION

NOTES:

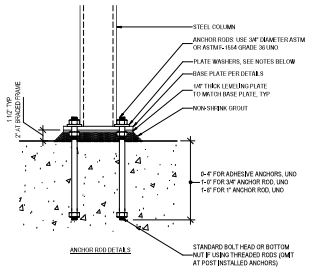
1. 3" COVER UNLESS NOTED OTHERWISE (U.N.O.)
2. USE ASTM A615, 60 KSI REBAR, U.N.O.
3. PROVIDE LISTED SIZE AND QUANTITY OF REBAR IN EACH DIRECTION AS SHOWN.
4. CONTINUE REINFORCEMENT OF ADJACENT STRIP FOOTINGS THROUGH OR INTO COLUMN FOOTINGS U.N.O. USE 40 BAR DIA MIN LAP SPICE LENGTH.
5. POUR ADJACENT STRIP FOOTINGS MONOLITHICALLY WITH COLUMN FOOTINGS U.N.O.
6. SEE GENERAL CONCRETE NOTES FOR FOOTING CONCRETE REQUIREMENTS
7. FIN LONG DIRECTION REINFORCEMENT TO ADJACENT CONCRETE CONSTRUCTION WITH 4" MIN. EMBED, TYP
8. SEE GENERAL EARTHWORK NOTES FOR SUBGRADE SUBBASE, AND OTHER REQUIREMENTS.

K1 FOOTING SCHEDULE

REF: SCALE: 1" = 1'-0"



TYPICAL ANCHOR ROD HOLE AND PLATE WASHER REQUIREMENTS FOR BASE PLATES				
ANCHOR ROD DIAMETER	HOLE DIAMETER	MINIMUM EDGE DISTANCE	MINIMUM PLATE WASHER SIZE	MINIMUM PLATE WASHER THICKNESS
3/4"	1 5/16"	1 1/4"	2"	1/4"
1 1/4"	2 1/16"	2 1/4"	3"	1/2"



NOTES:

1. PLATE WASHERS SHALL BE WELDED AT LATERAL COLUMNS AS INDICATED IN BASE PLATE DETAILS, TYP
2. PLATE WASHERS SHALL BE ASTM A36.
3. HOLES IN PLATE WASHERS SHALL BE 1/16" GREATER THAN ANCHOR ROD DIAMETER
4. ALL ANCHOR RODS SHALL BE ASTM F-1554 GRADE 55 UNO
5. USE OF LEVELING NUTS IN LIEU OF LEVELING PLATE IS ACCEPTABLE
6. "T" INDICATES PLATE THICKNESS
7. SEE KM0505 FOR BRACED FRAME ANCHOR BOLT LAYOUT AND EMBEDMENT

K5 COLUMN ANCHORAGE AND BASE PLATE SCHEDULE

REF: S401 SCALE: 1 1/2" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SCHEDULES AND DETAILS

Drawn By:	Checked By:	Date:
CDS	JAB	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

S602

Scale: As indicated

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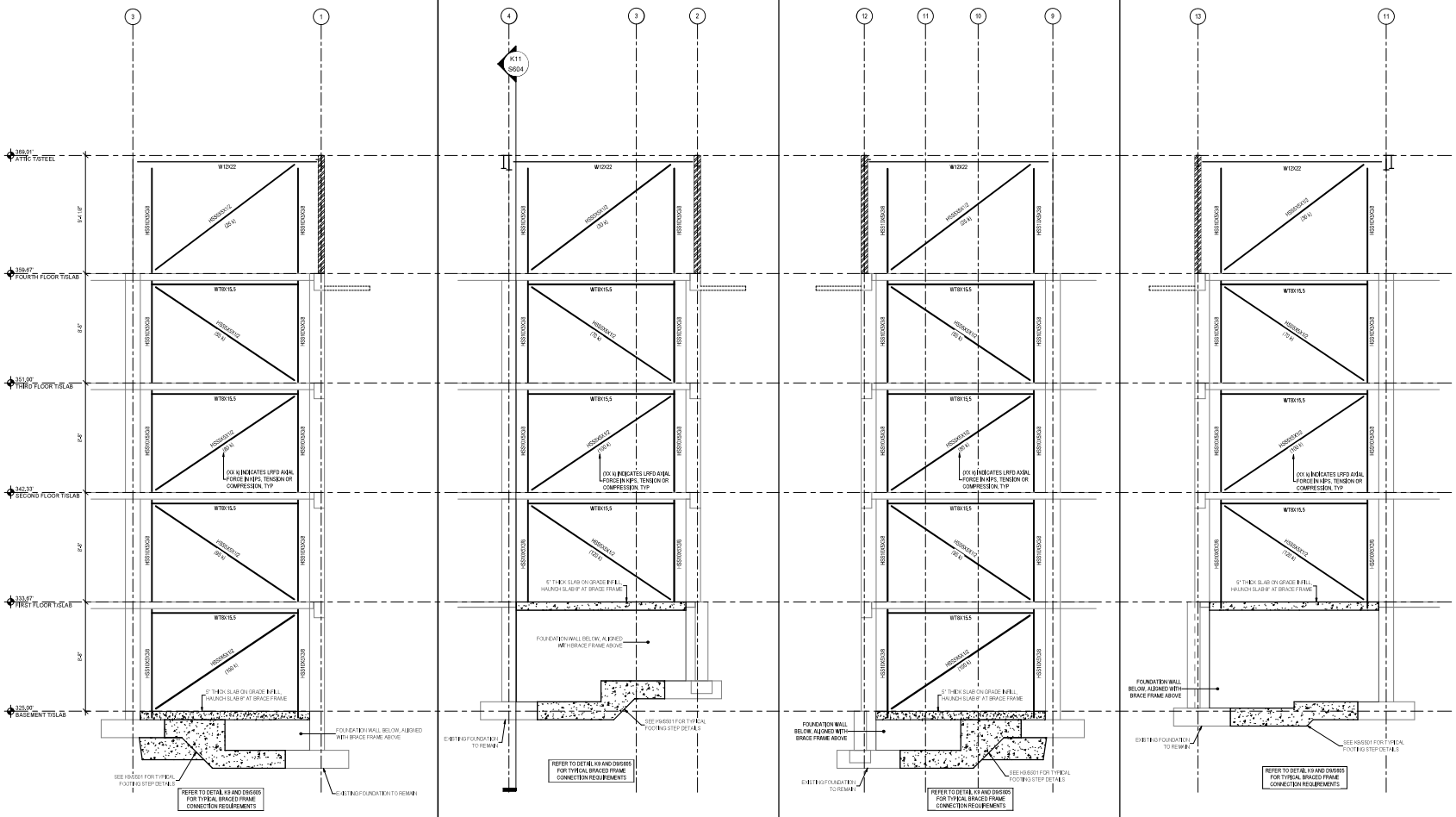

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REF: S100	SCALE: 1/4" = 1'-0"

K5	BF-2
REF: S100	SCALE: 1/4" = 1'-0"

K8	BF-3
REF: S100	SCALE: 1/4" = 1'-0"

K11	BF-4
REF: S100	SCALE: 1/4" = 1'-0"

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SCHEMATIC FRAME ELEVATIONS

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STATE OF NEW YORK · JEFFREY A. BOX · 087-0-1 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

S603

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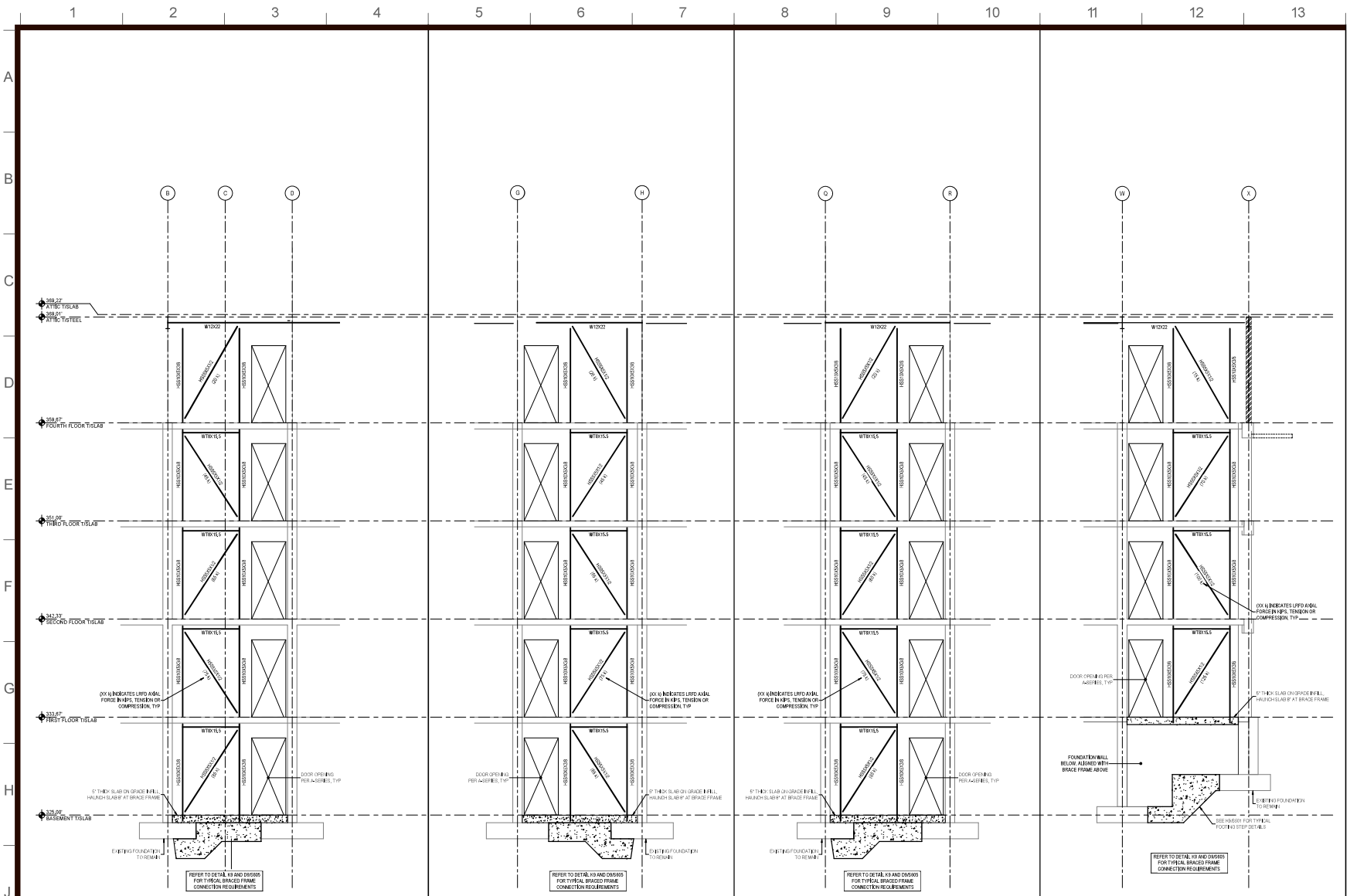

K1	BF-A	K5	BF-B	K8	BF-C	K11	BF-D
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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

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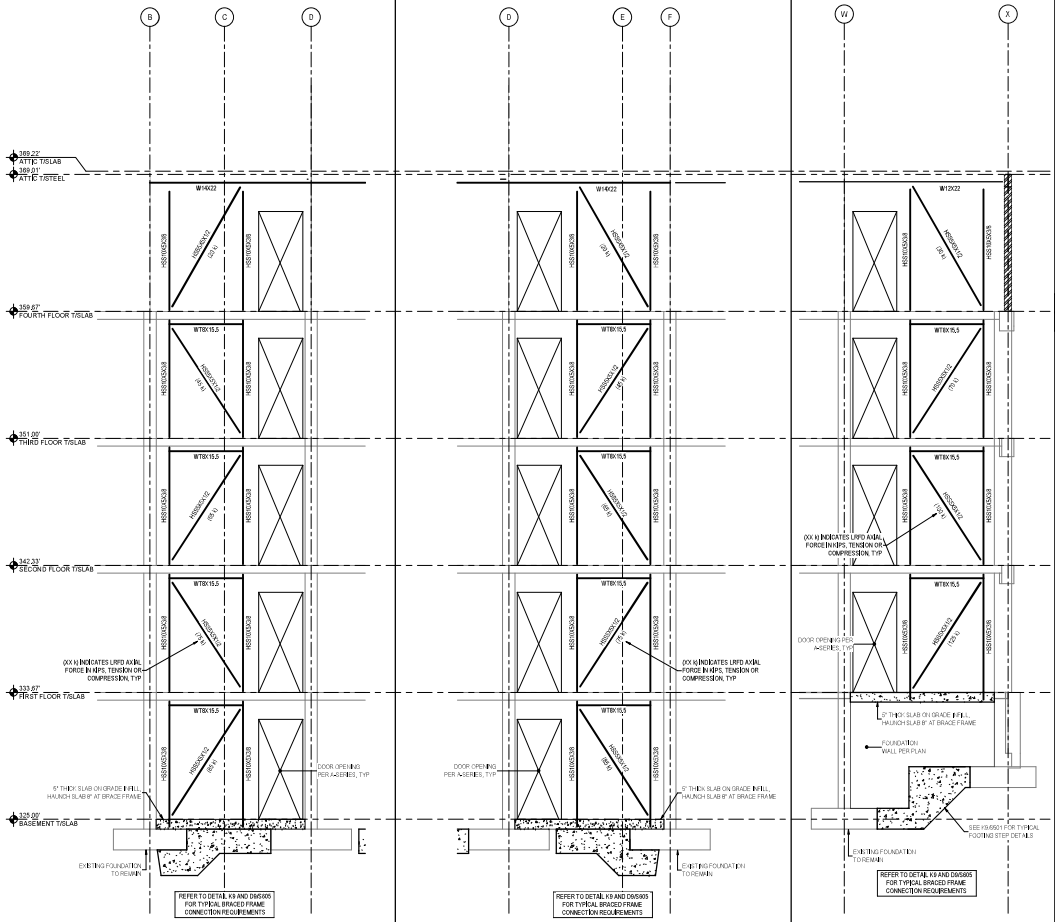

K1	BF-E
REF: S100	SCALE: 1/4" = 1'-0"

K4	BF-F
REF: S100	SCALE: 1/4" = 1'-0"

K7	BF-G
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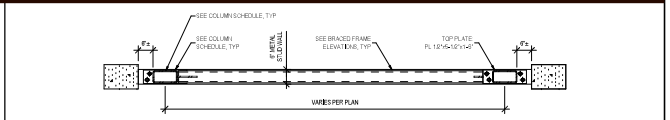

B9	TYPICAL PARTIAL PLAN AT BRACE FRAME
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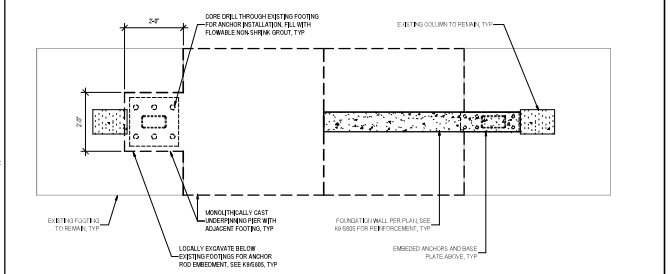
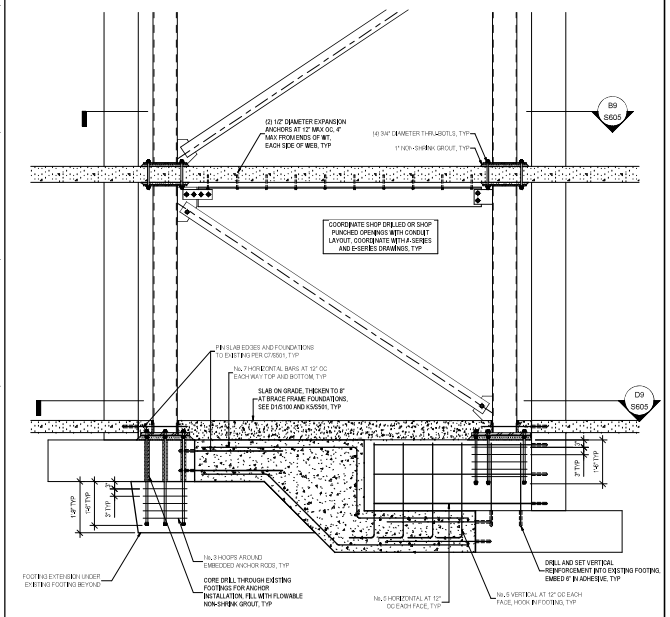


D9	TYPICAL PARTIAL PLAN AT BRACE FRAME FOUNDATION
REF: S605	SCALE: 1/2" = 1'-0"



K9	TYPICAL PARTIAL ELEVATION AT BRACE FRAME
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Project Key

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SCHEMATIC FRAME ELEVATIONS

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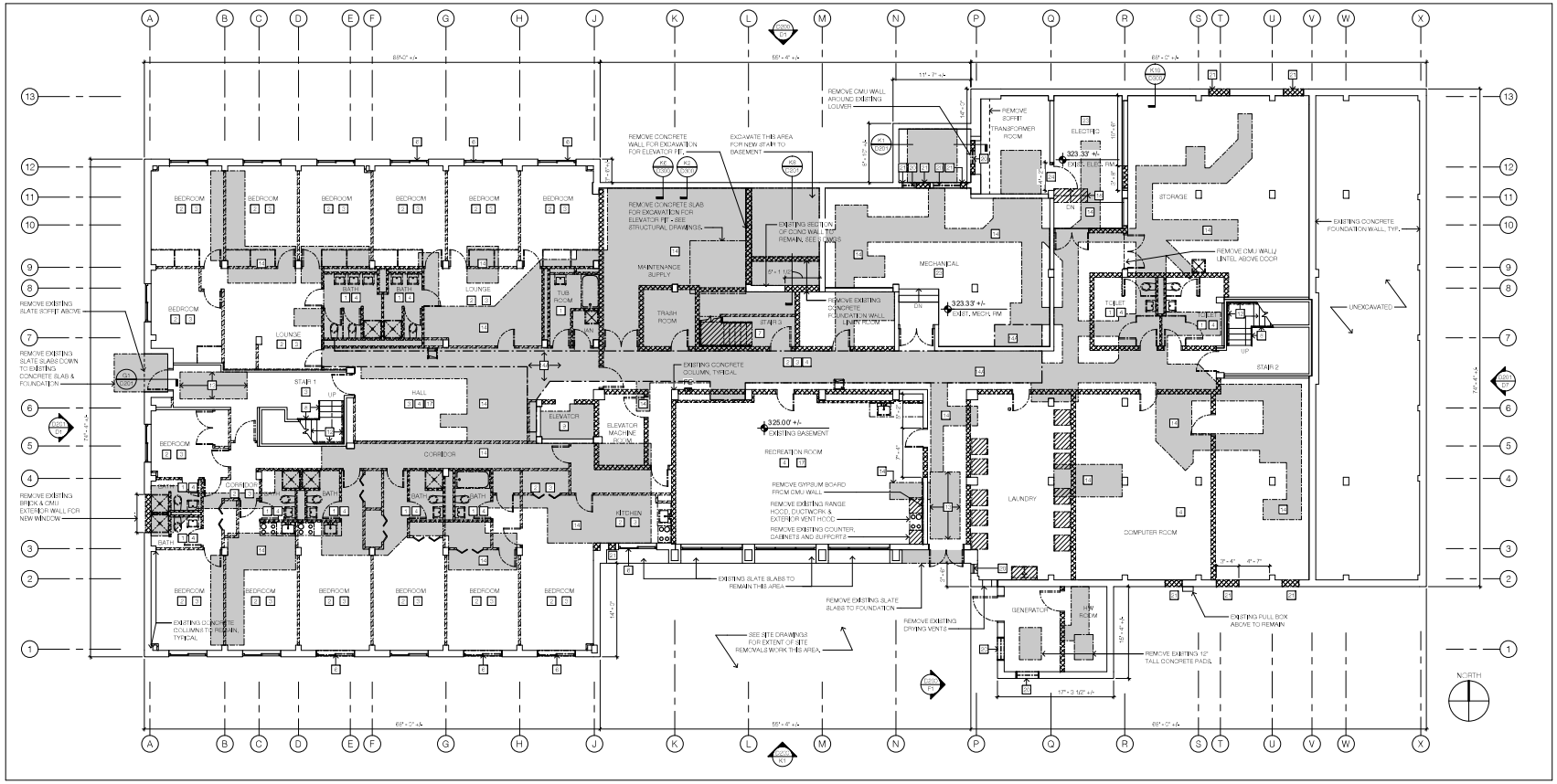

D100 BASEMENT DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN LEGEND

- EXISTING CONSTRUCTION TO REMAIN.
- EXISTING PARTITION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING GYPSUM BOARD PARTITION TO BE REMOVED
- EXISTING MASONRY PARTITION OR CONCRETE FOUNDATION WALL TO BE REMOVED
- EXISTING CONCRETE FLOOR STRUCTURE TO BE REMOVED
- 1 REMOVE EXISTING CERAMIC TILE THINSET FLOOR DOWN TO THE CONCRETE FLOOR SLAB.
- 2 EXISTING FLOOR TILE AND MASTIC TO BE ABATED DOWN TO CONCRETE SLAB. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
- 3 EXISTING SPRAY ON TEXTURE CEILING TO BE ABATED FROM UNDERSIDE OF CONCRETE FLOOR ABOVE. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS. REMOVE ALL FASTENERS FROM CONCRETE.
- 4 REMOVE EXISTING GYPSUM, ACOUSTICAL TILE, METAL SUSPENDED AND/OR ALL SURFACE APPLIED TILES. REMOVE ALL MECHANICAL FASTENERS AND SUSPENSION SYSTEMS. REMOVE ADHESIVE FROM UNDERSIDE OF EXISTING SLAB.
- 5 EXISTING WINDOWS AND DOORS TO BE REMOVED. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
- 6 REMOVE EXISTING WINDOW SASH.
- 7 REMOVE EXISTING STAIR, INCLUDING TREADS, RISERS, STRINGERS, RAILINGS AND LANDINGS COMPLETELY.
- 8 SAWCUT AND REMOVE EXISTING STEEL RAILINGS AT TOP FLANGE OF EXISTING STRINGER.
- 9 REMOVE EXISTING ELEVATOR AND ASSOCIATED EQUIPMENT.
- 10 REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL SHAFT. COORDINATE LOCATION OF OPENINGS WITH SHAFT PARTITIONS. COORDINATE SLAB REMOVALS WITH SHAFT CONSTRUCTION DETAILS AND DIMENSIONS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 11 REMOVE EXISTING QUARRY TILE FLOOR, BASE, AND WAINSCOT. AT WALL LOCATIONS REMOVE EXISTING MORTAR AND LATH BACK TO CONCRETE WALL.
- 12 REMOVE EXISTING HANDRAIL.
- 13 REMOVE EXISTING CONCRETE SLAB FOR RECESSED WALK OFF MAT INSTALLATION.
- 14 REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR PLUMBING OR STRUCTURAL WORK. COORDINATE WITH PLUMBING, MECHANICAL & STRUCTURAL DRAWINGS.
- 15 EXISTING CONCRETE SLAB TO BE REMOVED TO ACCESS BELOW-SLAB DUCTWORK. SEE HM DRAWINGS FOR REQUIREMENTS.
- 16 EXISTING SLATE PANELS TO BE REMOVED FROM WALLS, INCLUDING ALL MORTAR, ANCHORS ETC. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
- 17 REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL DUCTWORK AND FIRE/SMOKE DAMPER. COORDINATE WITH MECHANICAL DRAWINGS FOR SIZE OF OPENINGS. COORDINATE LOCATION WITH CHASE PARTITION AND SHAFT LAYOUT.
- 18 REMOVE EXISTING CARPET. SEE HAZARDOUS MATERIALS DRAWINGS FOR LOCATIONS WHERE ASBESTOS CONTAINING MATERIALS ARE BELOW.
- 19 REMOVE EXISTING CONCRETE STAIRS AND METAL RAILINGS.
- 20 REMOVE EXISTING TWO LAYERS OF GYPSUM BOARD FROM EXISTING METAL STUDS.
- 21 REMOVE EXISTING METAL LOUVER. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
- 22 SAWCUT AND REMOVE CONCRETE FOUNDATION WALL FOR NEW LOUVERS/DOORS.
- 23 SAWCUT AND REMOVE EXISTING CONCRETE BEAM AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE STRUCTURAL DRAWINGS FOR DETAILS. COORDINATE REMOVALS AND NEW CONSTRUCTION WITH LIFT PLANS AND SECTIONS ON ARCH.
- 24 REMOVE EXISTING INSULATION AND ALL FASTENERS FROM UNDERSIDE OF CONCRETE SLAB ABOVE.
- 25 REMOVE EXISTING GATE AT TRANSFORMER ROOM.

DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS. IF SUSPECT MATERIALS ARE ENCOUNTERED AND/OR DISTURBED CEASE OPERATIONS AND NOTIFY OWNER IMMEDIATELY.
2. SEE HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT AND REMOVAL OF HAZARDOUS MATERIALS.
3. REMOVE ALL CMU, PLASTER AND OTHER MISCELLANEOUS WALLS INCLUDING CLOSET ENCLOSURES IN BEDROOMS SHOWN ON THE DRAWINGS.
4. REMOVE ALL GYPSUM, PLASTER & MINERAL BOARD CEILINGS, SOFFITS, AND SUPPORT SYSTEMS TO CONCRETE DECK THROUGHOUT BUILDING.
5. REMOVE ALL FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB.
6. REMOVE ALL DOORS, HARDWARE AND DOOR FRAMES NOT OTHERWISE INDICATED TO REMAIN. SALVAGE ALL EXISTING DOOR HARDWARE AND TURN OVER TO OWNER.
7. REMOVE ALL BUILT IN CABINETRY, CASEWORK, LOCKERS, TOILET PARTITIONS, AND ACCESSORIES.
8. REMOVE ALL DOOR AND WALL SIGNAGE THROUGHOUT THE BUILDING.
9. SEE PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF PLUMBING, MECHANICAL AND ELECTRICAL REMOVALS.
10. SEE DEMOLITION EXTERIOR ELEVATIONS, WALL SECTIONS, DETAILS, AND SITE PLANS FOR ADDITIONAL REMOVALS INFORMATION.
11. ALL ROOF PENETRATIONS SHALL BE TEMPORARILY PATCHED BY GENERAL CONTRACTOR. PATCHES SHALL BE INSTALLED BY A CERTIFIED ROOFING INSTALLER. COORDINATE WITH DIVISIONS 22, 23, AND 26.
12. REMOVE ALL EXISTING BUILT IN CLOSETS IN BEDROOMS.
13. NOTIFY ARCHITECT IN WRITING IMMEDIATELY OF ALL DEVIATIONS AND/OR UNFORESEEN CONDITIONS THAT ARISE DURING DEMOLITION.
14. IF THE CONTRACTOR ELECTS TO REMOVE EXISTING SCREENS FROM EXISTING WINDOWS TO REMAIN AS A MEANS TO PROTECT THEM DURING CONSTRUCTION, THE CONTRACTOR SHALL TAG EACH SCREEN FOR ITS PROPER LOCATION, PROPERLY STORE AND PROTECT THE SCREENS, AND REINSTALL THEM IN THEIR PROPER LOCATIONS UPON COMPLETION OF WORK.

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Description	Date:

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

BASEMENT DEMOLITION PLAN

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Author	Checker	8-29-2018

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DASNY Project No: 341830
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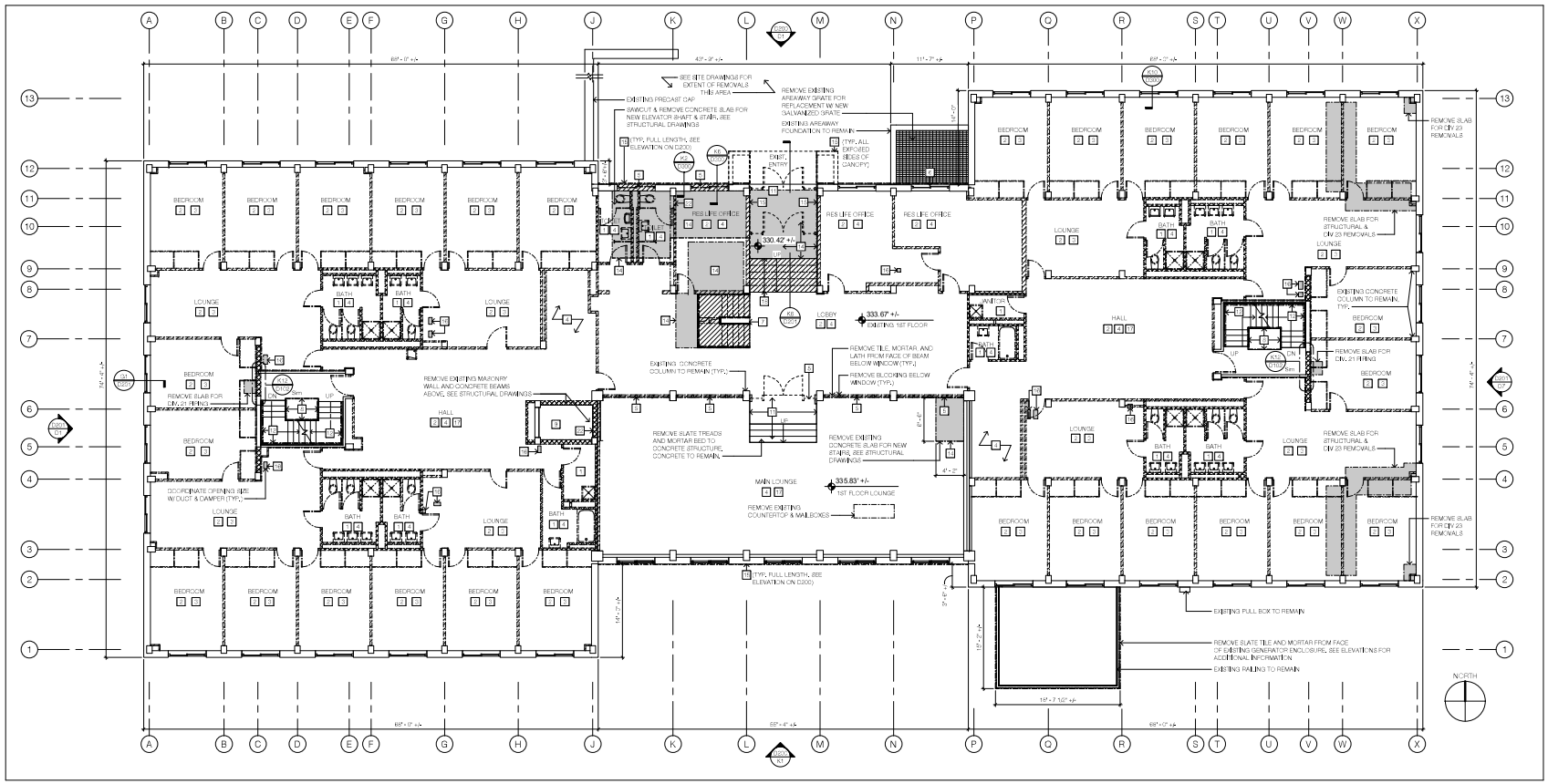

G1 / D101 **FIRST FLOOR DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING GYPSUM BOARD PARTITION TO BE REMOVED
- EXISTING MASONRY PARTITION OR CONCRETE FOUNDATION WALL TO BE REMOVED
- EXISTING CONCRETE FLOOR STRUCTURE TO BE REMOVED

1. REMOVE EXISTING CERAMIC TILE THINSET FLOOR DOWN TO THE CONCRETE FLOOR SLAB.
2. EXISTING FLOOR TILE AND MASTIC TO BE ABATED DOWN TO CONCRETE SLAB. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
3. EXISTING SPRAY ON TEXTURE CEILING TO BE ABATED FROM UNDERSIDE OF CONCRETE FLOOR ABOVE. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS. REMOVE ALL FASTENERS FROM CONCRETE.
4. REMOVE EXISTING GYPSUM, ACOUSTICAL TILE, METAL SUSPENDED AND/OR ALL SURFACE APPLIED TILES. REMOVE ALL MECHANICAL FASTENERS AND SUSPENSION SYSTEMS. REMOVE ADHESIVE FROM UNDERSIDE OF EXISTING SLAB.
5. EXISTING WINDOWS AND DOORS TO BE REMOVED. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
6. REMOVE EXISTING WINDOW SASH.
7. REMOVE EXISTING STAIR, INCLUDING TREADS, RISERS, STRINGERS, RAILINGS AND LANDINGS COMPLETELY.
8. SAWCUT AND REMOVE EXISTING STEEL RAILINGS AT TOP FLANGE OF EXISTING STRINGER.
9. REMOVE EXISTING ELEVATOR AND ASSOCIATED EQUIPMENT.
10. REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL SHAFT. COORDINATE LOCATION OF OPENINGS WITH SHAFT PARTITIONS. COORDINATE SLAB REMOVALS WITH SHAFT CONSTRUCTION DETAILS AND DIMENSIONS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
11. REMOVE EXISTING QUARRY TILE FLOOR, BASE, AND WAINSCOT. AT WALL LOCATIONS REMOVE EXISTING MORTAR AND LATH BACK TO CONCRETE WALL.
12. REMOVE EXISTING HANDRAIL.
13. REMOVE EXISTING CONCRETE SLAB FOR RECESSED WALKOFF MAT INSTALLATION.
14. REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR PLUMBING OR STRUCTURAL WORK. COORDINATE WITH PLUMBING, MECHANICAL, & STRUCTURAL DRAWINGS.
15. EXISTING CONCRETE SLAB TO BE REMOVED TO ACCESS BELOW-SLAB DUCTWORK. SEE HM DRAWINGS FOR REQUIREMENTS.
16. EXISTING SLATE PANELS TO BE REMOVED FROM WALLS, INCLUDING ALL MORTAR, ANCHORS ETC. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
17. REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL DUCTWORK AND FIREBRICKE DAMPER. COORDINATE WITH MECHANICAL DRAWINGS FOR SIZE OF OPENINGS. COORDINATE LOCATION WITH CHASE PARTITION AND SHAFT LAYOUT.
18. REMOVE EXISTING CARPET. SEE HAZARDOUS MATERIALS DRAWINGS FOR LOCATIONS WHERE ASBESTOS CONTAINING MATERIALS ARE BELOW.
19. REMOVE EXISTING CONCRETE STAIRS AND METAL RAILINGS.
20. REMOVE EXISTING TWO LAYERS OF GYPSUM BOARD FROM EXISTING METAL STUDS.
21. REMOVE EXISTING METAL LOUVER. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
22. SAWCUT AND REMOVE CONCRETE FOUNDATION WALL FOR NEW LOUVERS/DOORS.
23. SAWCUT AND REMOVE EXISTING CONCRETE BEAM AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE STRUCTURAL DRAWINGS FOR DETAILS. COORDINATE REMOVALS AND NEW CONSTRUCTION WITH LIFT PLANS AND SECTIONS ON A502.
24. REMOVE EXISTING INSULATION AND ALL FASTENERS FROM UNDERSIDE OF CONCRETE SLAB ABOVE.
25. REMOVE EXISTING GATE AT TRANSFORMER ROOM.

DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS. IF SUSPECT MATERIALS ARE ENCOUNTERED AND/OR DISTURBED CEASE OPERATIONS AND NOTIFY OWNER IMMEDIATELY.
2. SEE HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT AND REMOVAL OF HAZARDOUS MATERIALS.
3. REMOVE ALL CMU, PLASTER AND OTHER MISCELLANEOUS WALLS INCLUDING CLOSET ENCLOSURES IN BEDROOMS SHOWN ON THE DRAWINGS.
4. REMOVE ALL GYPSUM, PLASTER & MINERAL BOARD CEILINGS, SOFFITS, AND SUPPORT SYSTEMS TO CONCRETE DECK THROUGHOUT BUILDING.
5. REMOVE ALL FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB..
6. REMOVE ALL DOORS, HARDWARE AND DOOR FRAMES NOT OTHERWISE INDICATED TO REMAIN. SALVAGE ALL EXISTING DOOR HARDWARE AND TURN OVER TO OWNER.
7. REMOVE ALL BUILT IN CABINETRY, CASEWORK, LOCKERS, TOILET PARTITIONS, AND ACCESSORIES.
8. REMOVE ALL DOOR AND WALL SIGNAGE THROUGHOUT THE BUILDING.
9. SEE PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF PLUMBING, MECHANICAL AND ELECTRICAL REMOVALS.
10. SEE DEMOLITION EXTERIOR ELEVATIONS, WALL SECTIONS, DETAILS, AND SITE PLANS FOR ADDITIONAL REMOVALS INFORMATION.
11. ALL ROOF PENETRATIONS SHALL BE TEMPORARILY PATCHED BY GENERAL CONTRACTOR. PATCHES SHALL BE INSTALLED BY A CERTIFIED ROOFING INSTALLER. COORDINATE WITH DIVISIONS 22, 23, AND 26.
12. REMOVE ALL EXISTING BUILT IN CLOSETS IN BEDROOMS.
13. NOTIFY ARCHITECT IN WRITING IMMEDIATELY OF ALL DEVIATIONS AND/OR UNFORESEEN CONDITIONS THAT ARISE DURING DEMOLITION.
14. IF THE CONTRACTOR ELECTS TO REMOVE EXISTING SCREENS FROM EXISTING WINDOWS TO REMAIN AS A MEANS TO PROTECT THEM DURING CONSTRUCTION, THE CONTRACTOR SHALL TAG EACH SCREEN FOR ITS PROPER LOCATION, PROPERLY STORE AND PROTECT THE SCREENS, AND REINSTALL THEM IN THEIR PROPER LOCATIONS UPON COMPLETION OF WORK.

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297 RIVER STREET
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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

FIRST FLOOR DEMOLITION PLAN

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature
REGISTERED ARCHITECT KARL KAFE POLLITT III STATE OF NEW YORK

DASNY Project No: 341830
Drawing Number
D101
Scale: 1/8" = 1'-0"

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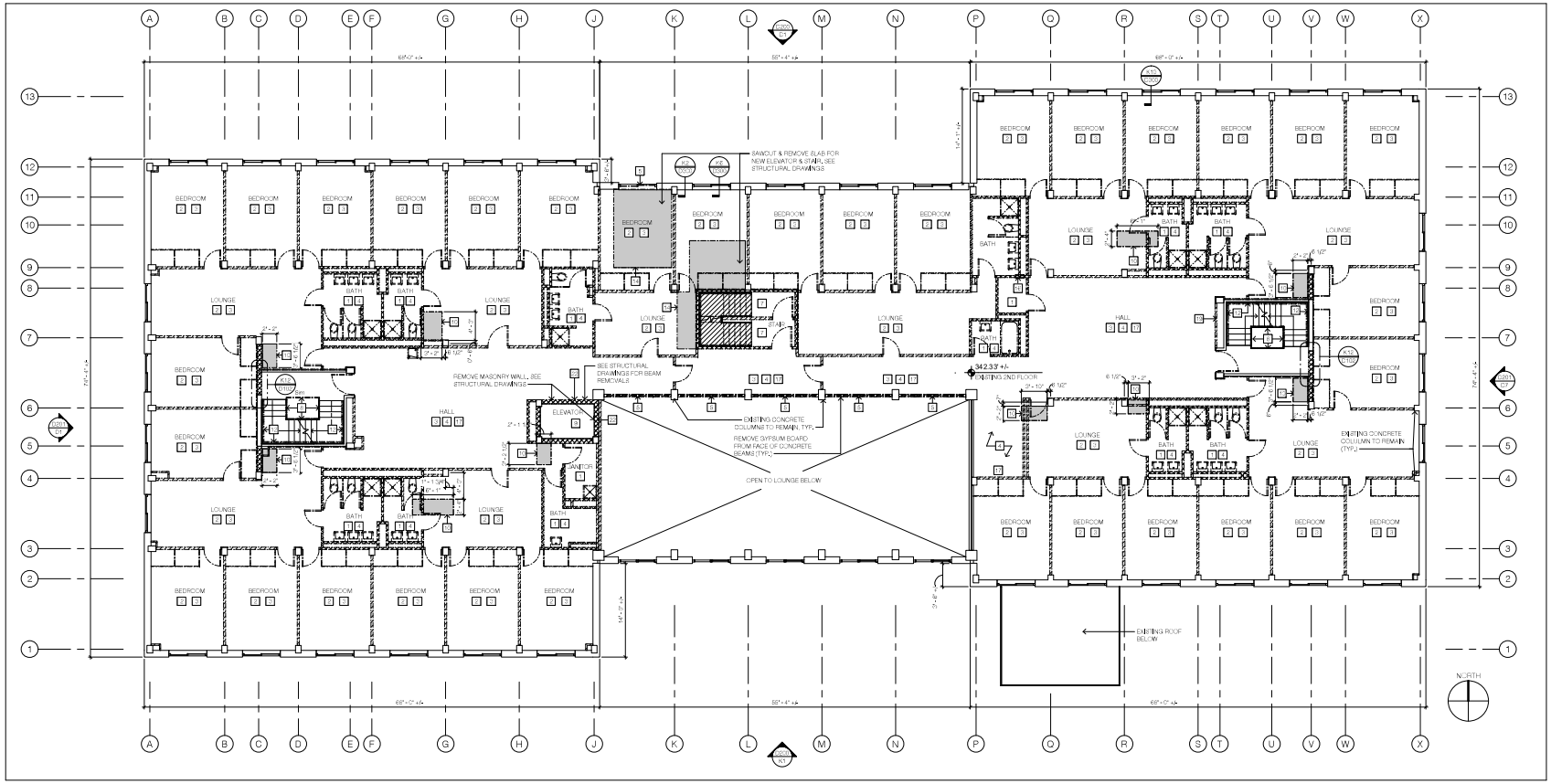


G1 / C-1.0 **SECOND FLOOR DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

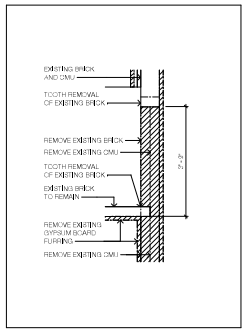
DEMOLITION PLAN LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING GYPSUM BOARD PARTITION TO BE REMOVED
- EXISTING MASONRY PARTITION OR CONCRETE FOUNDATION WALL TO BE REMOVED
- EXISTING CONCRETE FLOOR STRUCTURE TO BE REMOVED

1. REMOVE EXISTING CERAMIC TILE THINSET FLOOR DOWN TO THE CONCRETE FLOOR SLAB.
2. EXISTING FLOOR TILE AND MASTIC TO BE ABATED DOWN TO CONCRETE SLAB. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
3. EXISTING SPRAY ON TEXTURE CEILING TO BE ABATED FROM UNDERSIDE OF CONCRETE FLOOR ABOVE. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS. REMOVE ALL FASTENERS FROM CONCRETE.
4. REMOVE EXISTING GYPSUM, ACOUSTICAL TILE, METAL SUSPENDED AND/OR ALL SURFACE APPLIED TILES. REMOVE ALL MECHANICAL FASTENERS AND SUSPENSION SYSTEMS. REMOVE ADHESIVE FROM UNDERSIDE OF EXISTING SLAB.
5. EXISTING WINDOWS AND DOORS TO BE REMOVED. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
6. REMOVE EXISTING WINDOW SASH.
7. REMOVE EXISTING STAIR, INCLUDING TREADS, RISERS, STRINGERS, RAILINGS AND LANDINGS COMPLETELY.
8. SAWCUT AND REMOVE EXISTING STEEL RAILINGS AT TOP FLANGE OF EXISTING STRINGER.
9. REMOVE EXISTING ELEVATOR AND ASSOCIATED EQUIPMENT.
10. REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL SHAFT. COORDINATE LOCATION OF OPENINGS WITH SHAFT PARTITIONS. COORDINATE SLAB REMOVALS WITH SHAFT CONSTRUCTION DETAILS AND DIMENSIONS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
11. REMOVE EXISTING QUARRY TILE FLOOR, BASE, AND WAINSCOT, AT WALL LOCATIONS REMOVE EXISTING MORTAR AND LATH BACK TO CONCRETE WALL.
12. REMOVE EXISTING HANDRAIL.
13. REMOVE EXISTING CONCRETE SLAB FOR RECESSED WALKOFF MAT INSTALLATION.
14. REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR PLUMBING OR STRUCTURAL WORK. COORDINATE WITH PLUMBING, MECHANICAL, & STRUCTURAL DRAWINGS.
15. EXISTING CONCRETE SLAB TO BE REMOVED TO ACCESS BELOW-SLAB DUCTWORK. SEE HM DRAWINGS FOR REQUIREMENTS.
16. EXISTING SLATE PANELS TO BE REMOVED FROM WALLS, INCLUDING ALL MORTAR, ANCHORS ETC. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
17. REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL DUCTWORK AND FIRE/SMOKE DAMPER. COORDINATE WITH MECHANICAL DRAWINGS FOR SIZE OF OPENINGS. COORDINATE LOCATION WITH CHASE PARTITION AND SHAFT LAYOUT.
18. REMOVE EXISTING CARPET. SEE HAZARDOUS MATERIALS DRAWINGS FOR LOCATIONS WHERE ASBESTOS CONTAINING MATERIALS ARE BELOW.
19. REMOVE EXISTING CONCRETE STAIRS AND METAL RAILINGS.
20. REMOVE EXISTING TWO LAYERS OF GYPSUM BOARD FROM EXISTING METAL STUDS.
21. REMOVE EXISTING METAL LOUVER. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
22. SAWCUT AND REMOVE CONCRETE FOUNDATION WALL FOR NEW LOUVERS/DOORS.
23. SAWCUT AND REMOVE EXISTING CONCRETE BEAM AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE STRUCTURAL DRAWINGS FOR DETAILS. COORDINATE REMOVALS AND NEW CONSTRUCTION WITH LIFT PLANS AND SECTIONS ON A502.
24. REMOVE EXISTING INSULATION AND ALL FASTENERS FROM UNDERSIDE OF CONCRETE SLAB ABOVE.
25. REMOVE EXISTING GATE AT TRANSFORMER ROOM.

DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS. IF SUSPECT MATERIALS ARE ENCOUNTERED AND/OR DISTURBED CEASE OPERATIONS AND NOTIFY OWNER IMMEDIATELY.
2. SEE HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT AND REMOVAL OF HAZARDOUS MATERIALS.
3. REMOVE ALL CMU, PLASTER AND OTHER MISCELLANEOUS WALLS INCLUDING CLOSET ENCLOSURES IN BEDROOMS SHOWN ON THE DRAWINGS.
4. REMOVE ALL GYPSUM, PLASTER & MINERAL BOARD CEILINGS, SOFFITS, AND SUPPORT SYSTEMS TO CONCRETE DECK THROUGHOUT BUILDING.
5. REMOVE ALL FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB.
6. REMOVE ALL DOORS, HARDWARE AND DOOR FRAMES NOT OTHERWISE INDICATED TO REMAIN. SALVAGE ALL EXISTING DOOR HARDWARE AND TURN OVER TO OWNER.
7. REMOVE ALL BUILT-IN CABINETRY, CASEWORK, LOCKERS, TOILET PARTITIONS, AND ACCESSORIES.
8. REMOVE ALL DOOR AND WALL SIGNAGE THROUGHOUT THE BUILDING.
9. SEE PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF PLUMBING, MECHANICAL AND ELECTRICAL REMOVALS.
10. SEE DEMOLITION EXTERIOR ELEVATIONS, WALL SECTIONS, DETAILS, AND SITE PLANS FOR ADDITIONAL REMOVALS INFORMATION.
11. ALL ROOF PENETRATIONS SHALL BE TEMPORARILY PATCHED BY GENERAL CONTRACTOR. PATCHES SHALL BE INSTALLED BY A CERTIFIED ROOFING INSTALLER. COORDINATE WITH DIVISIONS 22, 23, AND 26.
12. REMOVE ALL EXISTING BUILT IN CLOSETS IN BEDROOMS.
13. NOTIFY ARCHITECT IN WRITING IMMEDIATELY OF ALL DEVIATIONS AND/OR UNFORESEEN CONDITIONS THAT ARISE DURING DEMOLITION.
14. IF THE CONTRACTOR ELECTS TO REMOVE EXISTING SCREENS FROM EXISTING WINDOWS TO REMAIN AS A MEANS TO PROTECT THEM DURING CONSTRUCTION, THE CONTRACTOR SHALL TAG EACH SCREEN FOR ITS PROPER LOCATION, PROPERLY STORE AND PROTECT THE SCREENS, AND REINSTALL THEM IN THEIR PROPER LOCATIONS UPON COMPLETION OF WORK.



K12 / C-1.2 **ENLARGED STAIR DEMOLITION PLAN**
SCALE: 1/2" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECOND FLOOR DEMOLITION PLAN

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature
REGISTERED ARCHITECT LAWRENCE A. POTTS JR. STATE OF NEW YORK

DASNY Project No: 341830
Drawing Number
D102
Scale: As indicated

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G1 / D103 THIRD FLOOR DEMOLTION PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING GYPSUM BOARD PARTITION TO BE REMOVED
- EXISTING MASONRY PARTITION OR CONCRETE FOUNDATION WALL TO BE REMOVED
- EXISTING CONCRETE FLOOR STRUCTURE TO BE REMOVED

1. REMOVE EXISTING CERAMIC TILE THINSET FLOOR DOWN TO THE CONCRETE FLOOR SLAB.
2. EXISTING FLOOR TILE AND MASTIC TO BE ABATED DOWN TO CONCRETE SLAB. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
3. EXISTING SPRAY ON TEXTURE CEILING TO BE ABATED FROM UNDERSIDE OF CONCRETE FLOOR ABOVE. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS. REMOVE ALL FASTENERS FROM CONCRETE.
4. REMOVE EXISTING GYPSUM, ACOUSTICAL TILE, METAL SUSPENDED AND/OR ALL SURFACE APPLIED TILES. REMOVE ALL MECHANICAL FASTENERS AND SUSPENSION SYSTEMS. REMOVE ADHESIVE FROM UNDERSIDE OF EXISTING SLAB.
5. EXISTING WINDOWS AND DOORS TO BE REMOVED. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
6. REMOVE EXISTING WINDOW SASH.
7. REMOVE EXISTING STAIR, INCLUDING TREADS, RISERS, STRINGERS, RAILINGS AND LANDINGS COMPLETELY.
8. SAWCUT AND REMOVE EXISTING STEEL RAILINGS AT TOP FLANGE OF EXISTING STRINGER.
9. REMOVE EXISTING ELEVATOR AND ASSOCIATED EQUIPMENT.
10. REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL SHAFT. COORDINATE LOCATION OF OPENINGS WITH SHAFT PARTITIONS. COORDINATE SLAB REMOVALS WITH SHAFT CONSTRUCTION DETAILS AND DIMENSIONS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
11. REMOVE EXISTING QUARRY TILE FLOOR, BASE, AND WAINSCOT. AT WALL LOCATIONS REMOVE EXISTING MORTAR AND LATH BACK TO CONCRETE WALL.
12. REMOVE EXISTING HANDRAIL.
13. REMOVE EXISTING CONCRETE SLAB FOR RECESSED WALK OFF MAT INSTALLATION.
14. REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR PLUMBING OR STRUCTURAL WORK. COORDINATE WITH PLUMBING, MECHANICAL, & STRUCTURAL DRAWINGS.
15. EXISTING CONCRETE SLAB TO BE REMOVED TO ACCESS BELOW-SLAB DUCTWORK. SEE HM DRAWINGS FOR REQUIREMENTS.
16. EXISTING SLATE PANELS TO BE REMOVED FROM WALLS, INCLUDING ALL MORTAR, ANCHORS ETC. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
17. REMOVE EXISTING CONCRETE SLAB FOR MECHANICAL DUCTWORK AND PIPE/SMOKE DAMPER. COORDINATE WITH MECHANICAL DRAWINGS FOR SIZE OF OPENINGS. COORDINATE LOCATION WITH CHASE PARTITION AND SHAFT LAYOUT.
18. REMOVE EXISTING CARPET. SEE HAZARDOUS MATERIALS DRAWINGS FOR LOCATIONS WHERE ASBESTOS CONTAINING MATERIALS ARE BELOW.
19. REMOVE EXISTING CONCRETE STAIRS AND METAL RAILINGS.
20. REMOVE EXISTING TWO LAYERS OF GYPSUM BOARD FROM EXISTING METAL STUDS.
21. REMOVE EXISTING METAL LOUVER. SEE HAZARDOUS MATERIALS DRAWINGS FOR REQUIREMENTS.
22. SAWCUT AND REMOVE CONCRETE FOUNDATION WALL FOR NEW LOUVERS/DOORS.
23. SAWCUT AND REMOVE EXISTING CONCRETE BEAM AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE STRUCTURAL DRAWINGS FOR DETAILS. COORDINATE REMOVALS AND NEW CONSTRUCTION WITH LIFT PLANS AND SECTIONS ON A502.
24. REMOVE EXISTING INSULATION AND ALL FASTENERS FROM UNDERSIDE OF CONCRETE SLAB ABOVE.
25. REMOVE EXISTING GATE AT TRANSFORMER ROOM.

DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS. IF SUSPECT MATERIALS ARE ENCOUNTERED AND/OR DISTURBED CEASE OPERATIONS AND NOTIFY OWNER IMMEDIATELY.
2. SEE HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT AND REMOVAL OF HAZARDOUS MATERIALS.
3. REMOVE ALL CMU, PLASTER AND OTHER MISCELLANEOUS WALLS INCLUDING CLOSET ENCLOSURES IN BEDROOMS SHOWN ON THE DRAWINGS.
4. REMOVE ALL GYPSUM, PLASTER & MINERAL BOARD CEILINGS, SOFFITS, AND SUPPORT SYSTEMS TO CONCRETE DECK THROUGHOUT BUILDING.
5. REMOVE ALL FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB..
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12. REMOVE ALL EXISTING BUILT IN CLOSETS IN BEDROOMS.
13. NOTIFY ARCHITECT IN WRITING IMMEDIATELY OF ALL DEVIATIONS AND/OR UNFORESEEN CONDITIONS THAT ARISE DURING DEMOLITION.
14. IF THE CONTRACTOR ELECTS TO REMOVE EXISTING SCREENS FROM EXISTING WINDOWS TO REMAIN AS A MEANS TO PROTECT THEM DURING CONSTRUCTION, THE CONTRACTOR SHALL TAG EACH SCREEN FOR ITS PROPER LOCATION, PROPERLY STORE AND PROTECT THE SCREENS, AND REINSTALL THEM IN THEIR PROPER LOCATIONS UPON COMPLETION OF WORK.

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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

THIRD FLOOR DEMOLITION PLAN

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature
REGISTERED ARCHITECT — MARK KAPE POWER — STATE OF NEW YORK

DASNY Project No: 341830

Drawing Number
D103

Scale: 1/8" = 1'-0"

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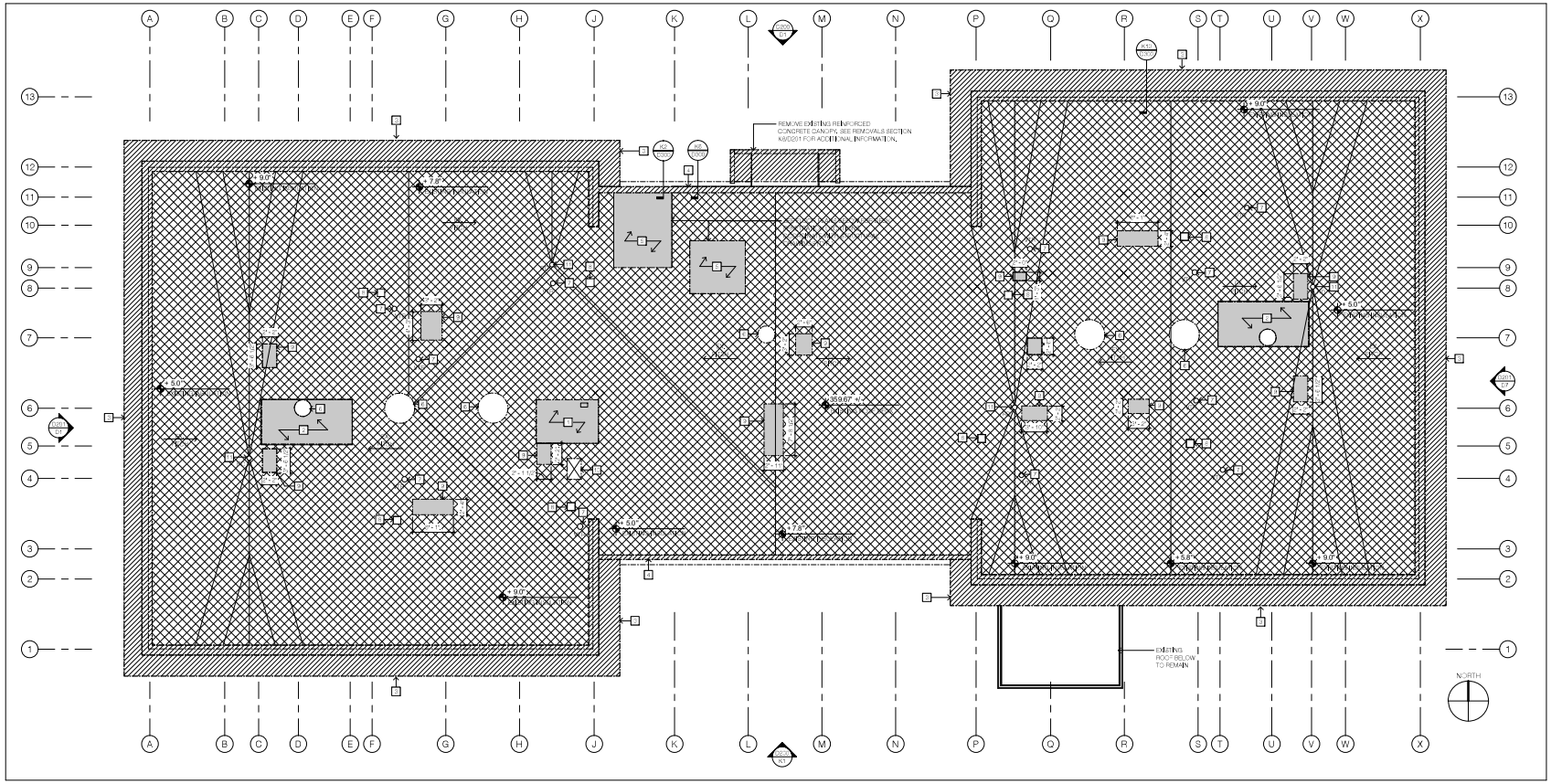


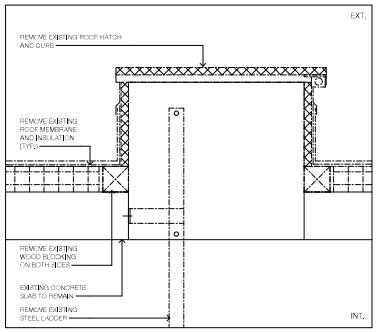
G1 / D104 **ROOF DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

ROOF DEMOLITION LEGEND

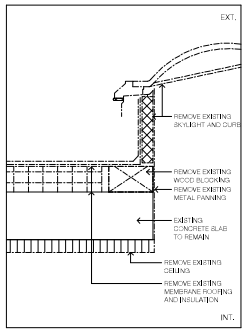
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING PARAPET/ROOF EDGE CONSTRUCTION TO BE REMOVED.
- REMOVE EXISTING MEMBRANE ROOF, TAPERED INSULATION, 1" ASPHALT FLUID COAT & CONCRETE STRUCTURAL SLAB
- REMOVE EXISTING MEMBRANE ROOF, TAPERED INSULATION, 1" ASPHALT FLUID COAT & LIGHTWEIGHT CONCRETE FILL DOWN TO CONCRETE ROOF DECK
- 1 REMOVE EXISTING MASONRY ELEVATOR PENTHOUSE WALLS, CONCRETE ROOF DECK, & ASSOCIATED ROOFING MATERIALS DOWN TO MAIN CONCRETE ROOF DECK.
- 2 REMOVE EXISTING ROOFING MATERIALS & REMOVE EXISTING CONCRETE ROOF DECK FOR STAIR EXTENSION THROUGH ROOF.
- 3 REMOVE COPPER MANSARD ROOF WITH WOOD FRAMING AS PER DETAIL K10/D300.
- 4 REMOVE COPPER FASCIA AND ROOF EDGE AS PER DETAIL K2/D300.
- 5 CUT & REMOVE EXISTING ROOFING MATERIALS & CONCRETE ROOF DECK FOR NEW ELEVATOR SHAFT/ STAIRS. SEE ELEVATOR, STAIR, AND STRUCTURAL DRAWINGS.
- 6 REMOVE SKYLIGHT, CURB, AND INTERIOR GYPSUM BOARD AND FRAMING. SEE DETAIL K12/D104.
- 7 REMOVE 4" PLUMBING VENT THRU ROOF. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 8 REMOVE EXHAUST FAN AND HOOD. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 9 REMOVE CONCRETE SLAB & ROOFING MATERIALS FOR MECHANICAL DUCTWORK SHAFTS. COORDINATE WITH MECHANICAL & STRUCTURAL DRAWINGS FOR SIZE OF OPENING. LOCATION TO BE COORDINATED WITH SHAFT OR CHASE BELOW.
- 10 REMOVE EXISTING ROOF HATCH & LADDER BELOW. SEE DETAIL K3/D104
- 11 REMOVE ROOF DRAIN AND STORM PIPING. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

ROOF DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS.
2. SEE HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT AND REMOVAL OF HAZARDOUS MATERIALS.
3. THE EXISTING ROOFING SYSTEM SHALL REMAIN WATERTIGHT UNTIL THE NEW METAL ROOF SYSTEM, ATTIC, AND 4TH FLOOR WALLS ARE ENCLOSED AND WATERTIGHT. ALL ROOF REMOVALS AND PENETRATIONS SHALL BE TEMPORARILY PATCHED TO MAINTAIN THE BUILDING AS WATERTIGHT. PATCHES SHALL BE INSTALLED BY A CERTIFIED ROOFING INSTALLER.
4. REMOVE ALL CMU, PLASTER AND OTHER MISCELLANEOUS WALLS SHOWN ON THE DRAWINGS.
5. SEE DEMOLITION EXTERIOR ELEVATIONS, WALL SECTIONS, DETAILS AND SITE PLANS FOR ADDITIONAL REMOVAL INFORMATION.
6. COORDINATE REMOVAL OF EXISTING ROOF MEMBRANE AND RIGID INSULATION WITH STEEL COLUMN INSTALLATION AND EXTERIOR WALL FRAMING TO ENSURE WATERTIGHTNESS IS MAINTAINED.



K3 / D104 **ROOF DEMOLITION DETAIL**
SCALE: 1 1/2" = 1'-0"



K12 / D104 **SKYLIGHT DEMOLITION DETAIL**
SCALE: 1 1/2" = 1'-0"

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297 RIVER STREET
TROY, NY 12180

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

ROOF DEMOLITION PLAN

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

REGISTERED ARCHITECT STATE OF NEW YORK

DASNY Project No: 341830

Drawing Number

D104

Scale: As indicated

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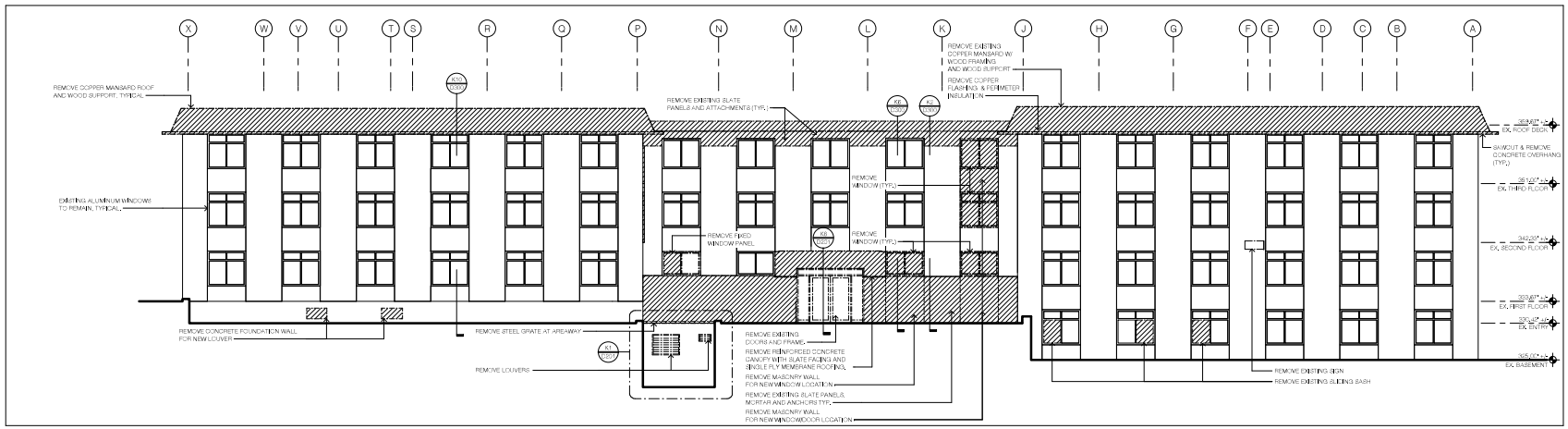
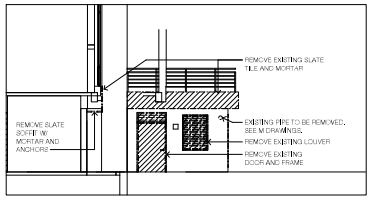


C1 D200 **NORTH EXTERIOR ELEVATION - SELECTIVE REMOVALS**
SCALE: 1/8" = 1'-0"



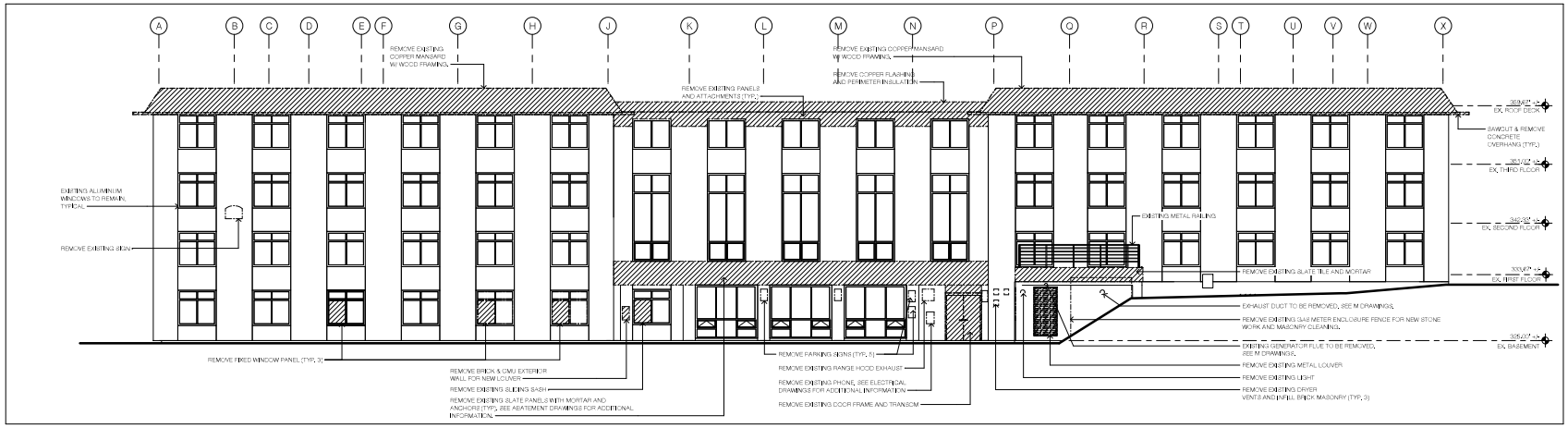
F1 D200 **PARTIAL WEST EXTERIOR ELEVATION**
SCALE: 1/8" = 1'-0"

DEMOLITION LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- REMOVE EXISTING MATERIAL AS INDICATED. SEE HAZARDOUS MATERIALS DRAWINGS FOR LOCATIONS OF ABATEMENT.

DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS. IF SUSPECT MATERIALS ARE ENCOUNTERED AND/OR DISTURBED CEASE OPERATIONS AND NOTIFY OWNER IMMEDIATELY.
2. SEE HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT AND REMOVAL OF HAZARDOUS MATERIALS.
3. REMOVE ALL CMU, PLASTER AND OTHER MISCELLANEOUS WALLS INCLUDING CLOSET ENCLOSURES IN BEDROOMS SHOWN ON THE DRAWINGS.
4. REMOVE ALL GYPSUM, PLASTER & MINERAL BOARD CEILINGS, SOFFITS, AND SUPPORT SYSTEMS TO CONCRETE DECK THROUGHOUT BUILDING.
5. REMOVE ALL FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB..
6. REMOVE ALL DOORS, HARDWARE AND DOOR FRAMES NOT OTHERWISE INDICATED TO REMAIN. SALVAGE ALL EXISTING DOOR HARDWARE AND TURN OVER TO OWNER.
7. REMOVE ALL BUILT IN CABINETRY, CASEWORK, LOCKERS, TOILET PARTITIONS, AND ACCESSORIES.
8. REMOVE ALL DOOR AND WALL SIGNAGE THROUGHOUT THE BUILDING.
9. SEE PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF PLUMBING, MECHANICAL AND ELECTRICAL REMOVALS.
10. SEE DEMOLITION EXTERIOR ELEVATIONS, WALL SECTIONS, DETAILS, AND SITE PLANS FOR ADDITIONAL REMOVALS INFORMATION.
11. ALL ROOF PENETRATIONS SHALL BE TEMPORARILY PATCHED BY GENERAL CONTRACTOR. PATCHES SHALL BE INSTALLED BY A CERTIFIED ROOFING INSTALLER. COORDINATE WITH DIVISIONS 22, 23, AND 26.
12. REMOVE ALL EXISTING BUILT IN CLOSETS IN BEDROOMS.
13. NOTIFY ARCHITECT IN WRITING IMMEDIATELY OF ALL DEVIATIONS AND/OR UNFORESEEN CONDITIONS THAT ARISE DURING DEMOLITION.
14. IF THE CONTRACTOR ELECTS TO REMOVE EXISTING SCREENS FROM EXISTING WINDOWS TO REMAIN AS A MEANS TO PROTECT THEM DURING CONSTRUCTION, THE CONTRACTOR SHALL TAG EACH SCREEN FOR ITS PROPER LOCATION, PROPERLY STORE AND PROTECT THE SCREENS, AND REINSTALL THEM IN THEIR PROPER LOCATIONS UPON COMPLETION OF WORK.



K1 D200 **SOUTH EXTERIOR ELEVATION -SELECTIVE REMOVALS**
SCALE: 1/8" = 1'-0"

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Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

NORTH & SOUTH DEMOLITION EXTERIOR ELEVATIONS

Drawn By:	Checked By:	Date:
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DASNY Project No: 341830

Drawing Number
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Scale: 1/8" = 1'-0"

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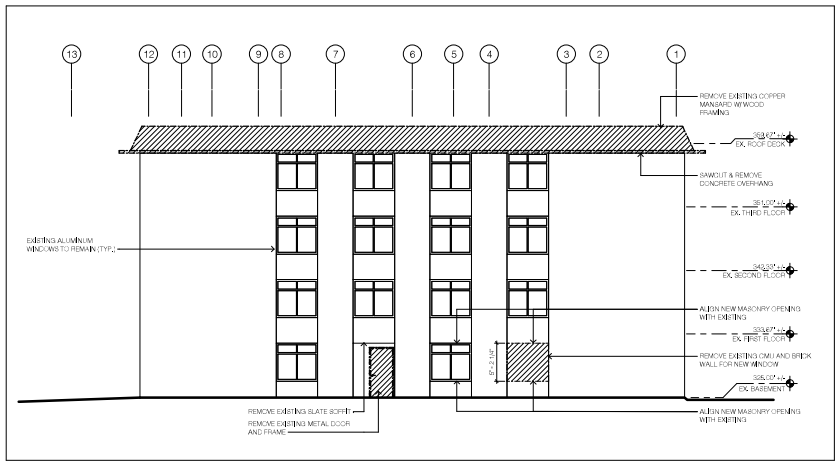
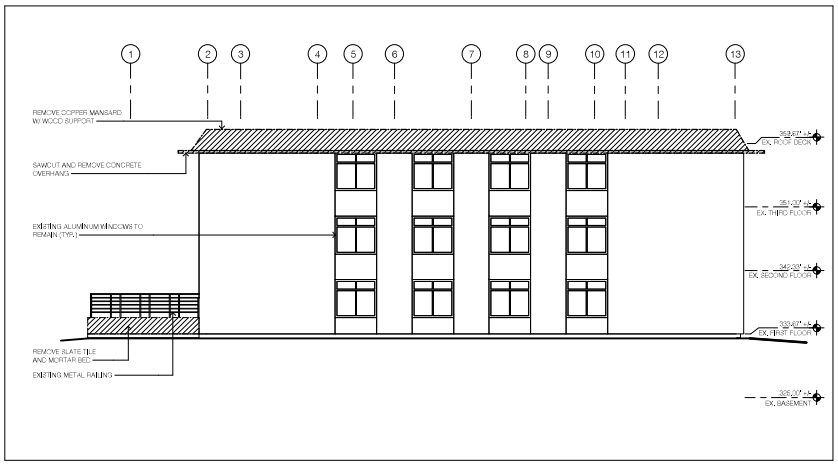
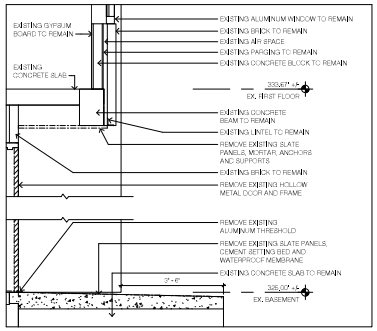


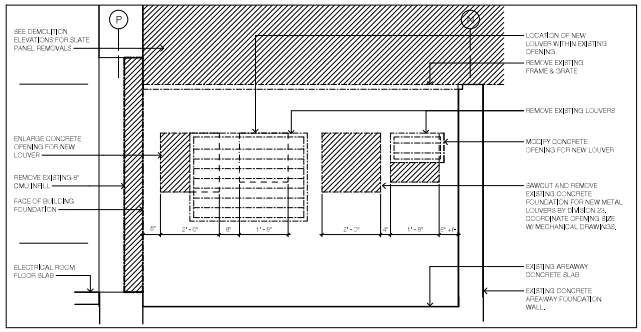
C1 / D201 **WEST EXTERIOR ELEVATION - SELECTIVE REMOVALS**
SCALE: 1/8" = 1'-0"



C7 / D201 **EAST ELEVATION - SELECTIVE REMOVALS**
SCALE: 1/8" = 1'-0"



G1 / D201 **WEST ENTRY STAIR REMOVALS SECTION**
SCALE: 1/2" = 1'-0"



K1 / D201 **DEMOLITION SECTION THRU AREAWAY**
SCALE: 1/2" = 1'-0"

DEMOLITION LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
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DEMOLITION NOTES

1. HAZARDOUS MATERIALS MUST BE ABATED PRIOR TO ANY OTHER DEMOLITION OR CONSTRUCTION TASK UNLESS DEMOLITION IS REQUIRED TO ACCESS THE ASBESTOS OR PCB CONTAINING MATERIALS. IF SUSPECT MATERIALS ARE ENCOUNTERED AND/OR DISTURBED CEASE OPERATIONS AND NOTIFY OWNER IMMEDIATELY.
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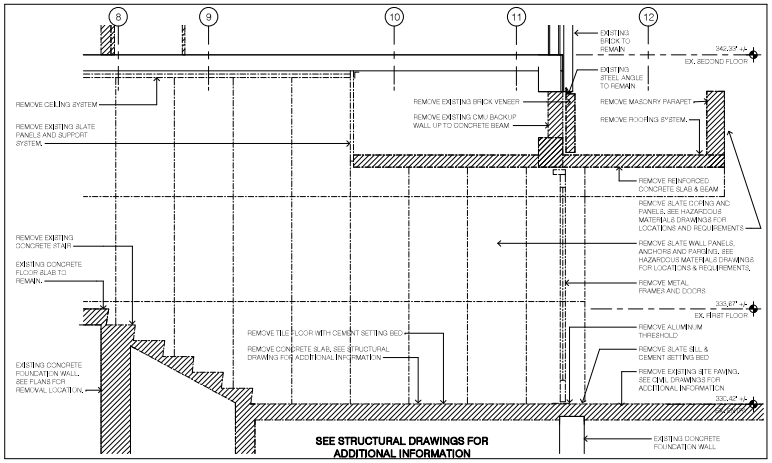

K6 / D201 **MAIN ENTRY REMOVALS SECTION**
SCALE: 1/2" = 1'-0"

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Description	Date:

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

EAST & WEST DEMOLITION EXTERIOR ELEVATIONS

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

REGISTERED ARCHITECT — KARL KARL POLLER — STATE OF NEW YORK

DASNY Project No: 341830

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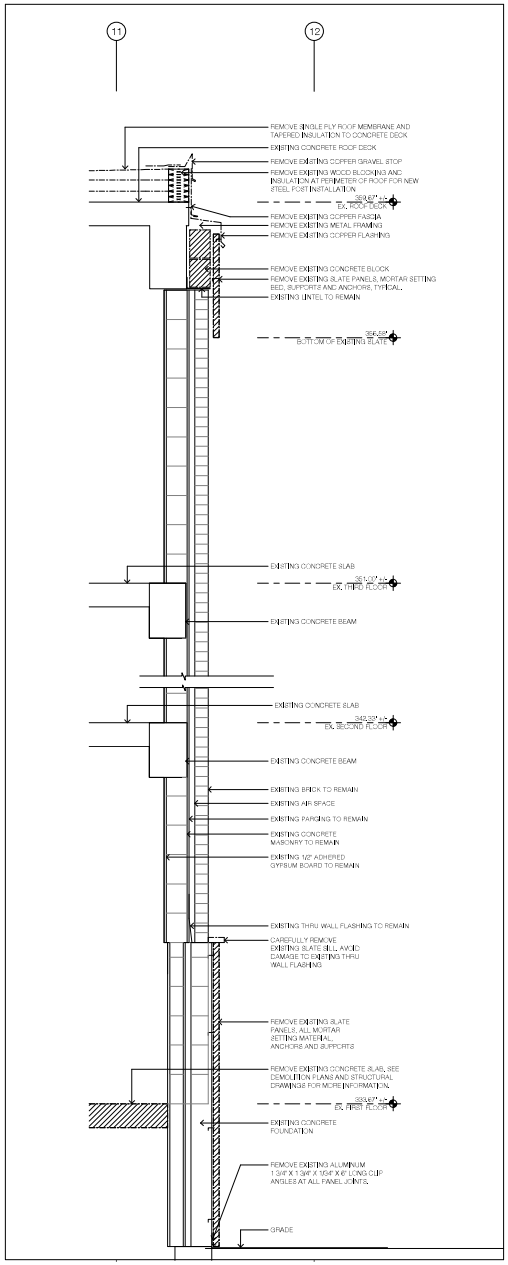
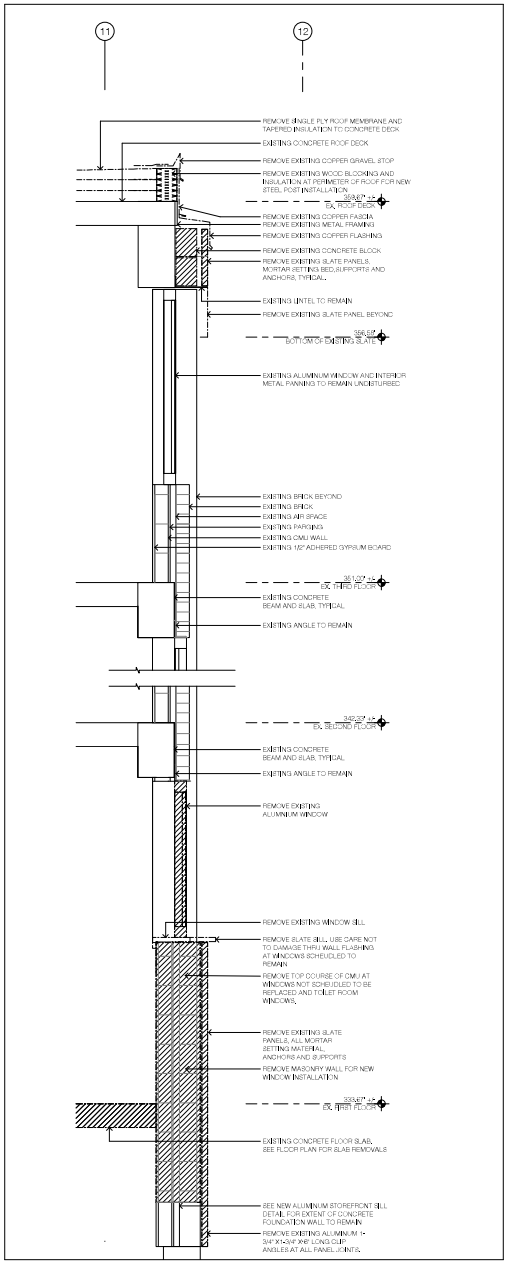
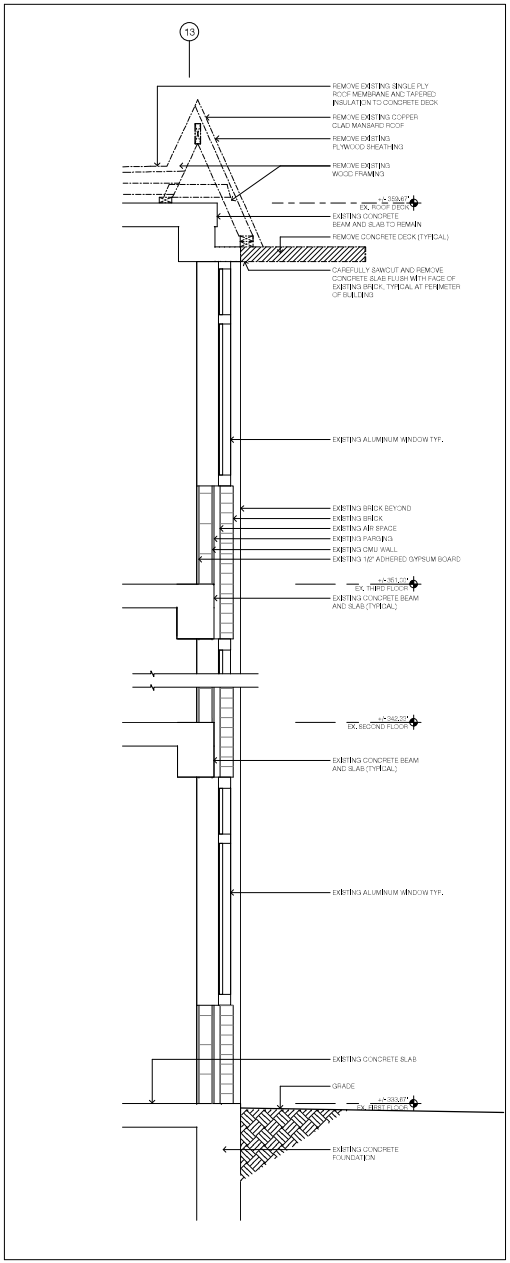


K2 D300 **SELECTIVE REMOVALS WALL SECTION AT SLATE PANELS**
SCALE: 3/4" = 1'-0"



K6 D300 **SELECTIVE REMOVALS WALL SECTION AT WINDOWS**
SCALE: 3/4" = 1'-0"



K10 D300 **SELECTIVE REMOVALS WALL SECTION**
SCALE: 3/4" = 1'-0"

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REVISIONS

Description	Date:

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

DEMOLITION WALL SECTIONS

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

REGISTERED ARCHITECT KARL KAFE POND 031,[illegible] STATE OF NEW YORK

DASNY Project No: 341830

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Scale: 3/4" = 1'-0"

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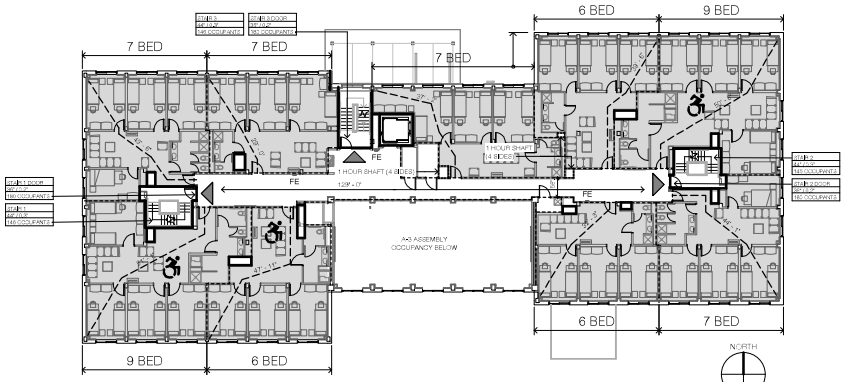
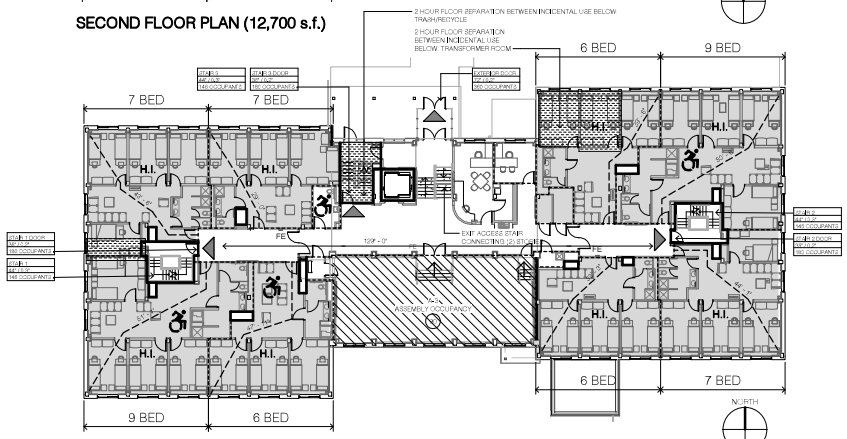
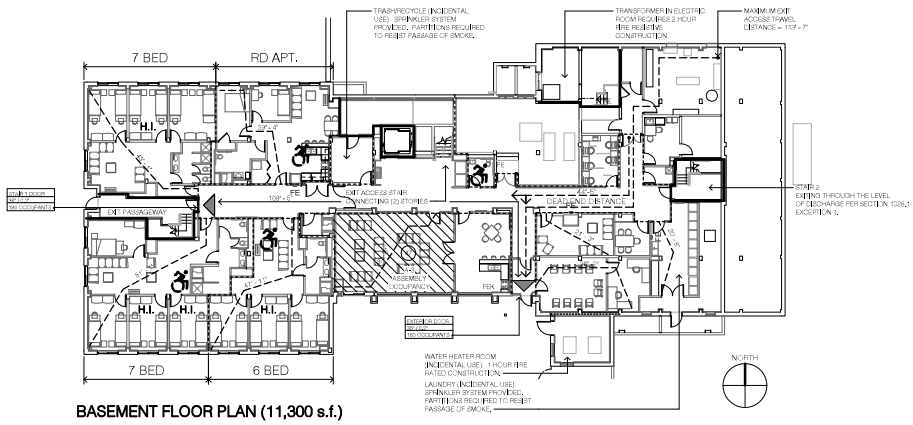


SECOND FLOOR PLAN (12,700 s.f.)



FIRST FLOOR PLAN (12,700 s.f.)



BASEMENT FLOOR PLAN (11,300 s.f.)

CODE LEGEND

- 30 MINUTE FIRE PARTITION
- 1 HOUR FIRE BARRIER, SEE HEAD DETAIL H3/A002.
- 2 HOUR FIRE BARRIER
- 30 MINUTE FIRE RESISTIVE RATED FLOOR/CEILING ASSEMBLY
- 60 MINUTE FIRE RESISTIVE RATED FLOOR/CEILING ASSEMBLY
- 120 MINUTE FIRE RESISTIVE RATED FLOOR/CEILING ASSEMBLY
- ASSEMBLY OCCUPANCY
- ACCESSIBLE
- H.I. HEARING IMPAIRED SLEEPING UNIT
- EXIT
- EXIT ACCESS
- EXIT ACCESS TRAVEL DISTANCE

GENERAL NOTES

1. THESE DOCUMENTS ARE DESIGNED PER THE BUILDING CODE OF NEW YORK STATE AS PART OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK.
2. THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR IS TO PROVIDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY IN ACCORDANCE WITH THE GENERAL CONDITIONS AND WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ALL PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM THE DIMENSIONS, MATERIALS OR EQUIPMENT SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO THE ARCHITECT.
4. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND WILL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.
5. THE CONTRACTOR IS TO WORK CAREFULLY AROUND EXISTING BUILDING AND OTHER SITE APPURTENANCES TO PREVENT DAMAGE OR DISLOCATION. THE CONTRACTOR SHALL REPLACE ALL DAMAGED FACILITIES AT NO COST TO THE OWNER.
6. THE CONTRACTOR SHALL MAINTAIN THE SITE AND CONSTRUCTION PREMISES IN A SAFE, ORDERLY, CLEAN AND WORKMANLIKE MANNER AT ALL TIMES DURING THE WORK.
7. THE CONTRACTOR IS TO PROVIDE CONTROL JOINTS IN INTERIOR GYPSUM BOARD PARTITIONS AT A MAXIMUM OF 30'-0" O.C., AND TO LOCATE AT CORNERS OF OPENINGS WHEN POSSIBLE.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY AND REQUIRED BLOCKING FOR ALL WALL-MOUNTED EQUIPMENT AND ACCESSORIES.
9. ALL EXPOSED SURFACES WITHIN THE EXTENT OF THE WORK AREA ARE TO BE PAINTED WITH THE EXCEPTION OF PREFINISHED ITEMS.
10. WINDOW TREATMENTS ARE TO BE PROVIDED AND INSTALLED BY THE OWNER.

2018 UNIFORM FIRE PREVENTION AND BUILDING CODE OF NEW YORK STATE:

2015 INTERNATIONAL EXISTING BUILDING CODE WITH 2016 NYS DOS SUPPLEMENT (RENOVATION AREA)
2015 INTERNATIONAL BUILDING CODE WITH 2016 NYS DOS SUPPLEMENT (4TH FLOOR ADDITION)

CLASSIFICATION OF WORK (2015 EIBC CHAPTER 3)

ALTERATION LEVEL 3

OCCUPANCY CLASSIFICATION (2015 IBC SECTION

RESIDENTIAL R-2 & ASSEMBLY A-3 (LOUNGES @ BASEMENT, 1ST FLOOR)
NONSEPARATED OCCUPANCIES

HEIGHT AND FIRE AREA (SECTION 503)

	ALLOWED	PROPOSED
HEIGHT	5 STORIES, 65 FT.	5 STORIES, 51 FT.
FIRE AREA PER STORY	44,000 S.F.	12,700 S.F.

TYPE OF CONSTRUCTION (2015 IBC SECTION 602)

TYPE IIB

FIRE-RESISTANCE RATING REQUIREMENTS (2015 IBC TABLES 601 & 602)

STRUCTURAL FRAME	0 HRS.
EXTERIOR BEARING WALLS	0 HRS.
INTERIOR BEARING WALLS	0 HRS.
EXTERIOR NONBEARING WALLS	0 HRS.
INTERIOR NONBEARING WALLS	0 HRS.
FLOOR CONSTRUCTION	0 HRS.
ROOF CONSTRUCTION	0 HRS.
SLEEPING UNITS	0.5 HRS.

FIRE RATED CONSTRUCTION REQUIREMENTS, SLEEPING UNITS (2015 IBC SECTION 420)

WALLS	0.5 HRS. FIRE PARTITION
HORIZONTAL SEPARATION	0.5 HRS.

FIRE RATED CONSTRUCTION REQUIREMENTS (2015 IBC CHAPTER 7, 10)

NEW ELEVATOR	2 HOUR RATED SHAFT WALL
EXISTING STAIRS	2 HOUR RATED FIRE BARRIER
NEW STAIRS	2 HOUR RATED FIRE BARRIER
NEW SHAFTS	1 HOUR RATED SHAFT WALL @ 3 FLOORS
NEW SHAFTS	2 HOUR RATED SHAFT WALL @ 4 FLOORS
CORRIDOR	30 MINUTES

OPEN STAIR CONNECTING BASEMENT AND 1ST FLOOR PER SECTION 1019.3 (CONDITION 1)

MEANS OF EGRESS (2015 IEBC SECTION 705 & 2015 IBC CHAPTER 10)

THE ALTERATIONS TO THE EXISTING BUILDING MAINTAIN THE EXISTING NUMBER OF EXITS AND DO NOT INCREASE THE EXTENT OF ANY NON-COMPLIANCE WITH EXISTING REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE.

		TOTAL EGRESS WIDTH	MAX. OCCUP.	ACTUAL OCCUP.
BASEMENT				
STAIRS	0.3" / OCCUPANT	n/a	n/a	244
OTHER COMPONENTS	0.2" / OCCUPANT	72"	360	
FIRST FLOOR				
STAIRS	0.3" / OCCUPANT	168"	560	301
OTHER COMPONENTS	0.2" / OCCUPANT	180"	900	
SECOND FLOOR				
STAIRS	0.3" / OCCUPANT	128"	426	234
OTHER COMPONENTS	0.2" / OCCUPANT	108"	540	
THIRD FLOOR				
STAIRS	0.3" / OCCUPANT	128"	426	254
OTHER COMPONENTS	0.2" / OCCUPANT	108"	540	
FOURTH FLOOR				
STAIRS	0.3" / OCCUPANT	128"	426	254
OTHER COMPONENTS	0.2" / OCCUPANT	108"	540	

	ALLOWED	PROPOSED
MAXIMUM EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)	250'	113' - 7"
MAXIMUM COMMON PATH OF TRAVEL (TABLE 1006.2.1)	125'	51' - 1"
MINIMUM CORRIDOR WIDTH (SECTION 1020.2)	44"	58"
MAXIMUM DEAD END DISTANCE (EXISTING/NEW)	50' / 50'	42'-8" / 0'
MINIMUM NUMBER OF EXITS (TABLE 1006.3.1)	2	2 (B), 3 (1 - 4)

FIRE PROTECTION SYSTEMS (2015 EIBC CHAPTERS 7, 8)

	REQUIRED	PROPOSED
FIRE ALARM	YES	YES
FIRE & SMOKE DETECTION	YES	YES
SPRINKLER SYSTEM (NFPA 13)	YES	YES
STANDPIPE SYSTEM	YES	YES
FIRE EXTINGUISHERS	YES	YES

ACCESSIBILITY (2015 IBC CHAPTER 11)

THE EXISTING BUILDING ALTERATIONS INCLUDING NEW BATHROOMS AND TOILET ROOMS MEET THE REQUIREMENTS SET FORTH IN THE BUILDING CODE OF NEW YORK STATE AND THE MOST CURRENT VERSION OF ICC - A117.1. A VARIANCE HAS BEEN OBTAINED REGARDING ACCESSIBILITY AT THE 4TH FLOOR. REFER TO PROJECT MANUAL.

2015 INTERNATIONAL ENERGY CONSERVATION CODE

ENERGY CODE CHAPTER:
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THE DRAWINGS AND SPECIFICATIONS WHICH COMPRISE THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

MARY KATE YOUNG, AIA
N.Y.S R.A. #28924

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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

GENERAL NOTES & CODE REVIEW

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

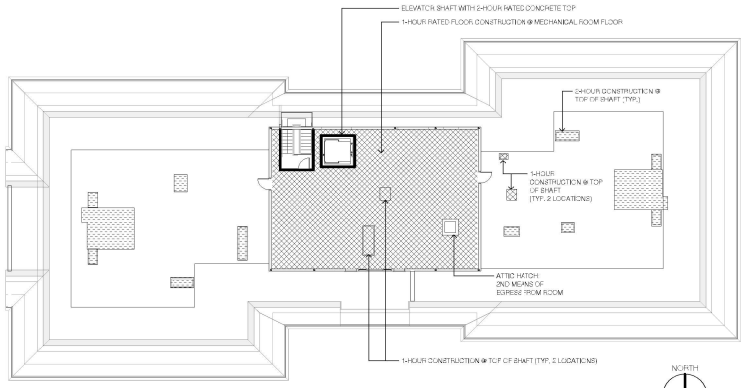
REGISTERED ARCHITECT MARY KATE YOUNG 028924 STATE OF NEW YORK

DASNY Project No: 341830

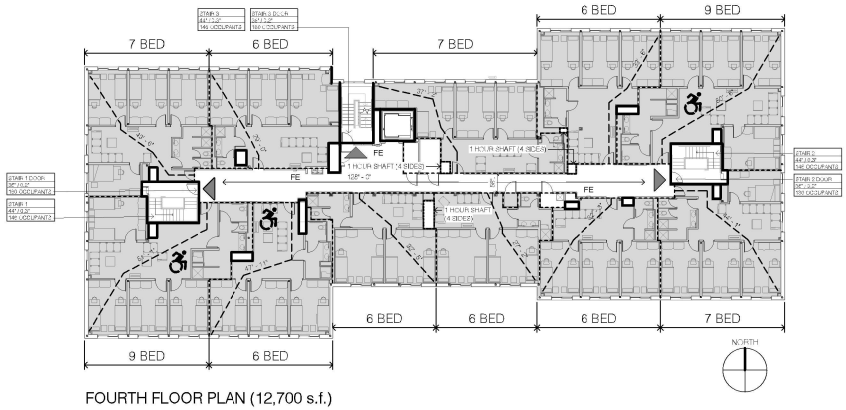
Drawing Number

A001

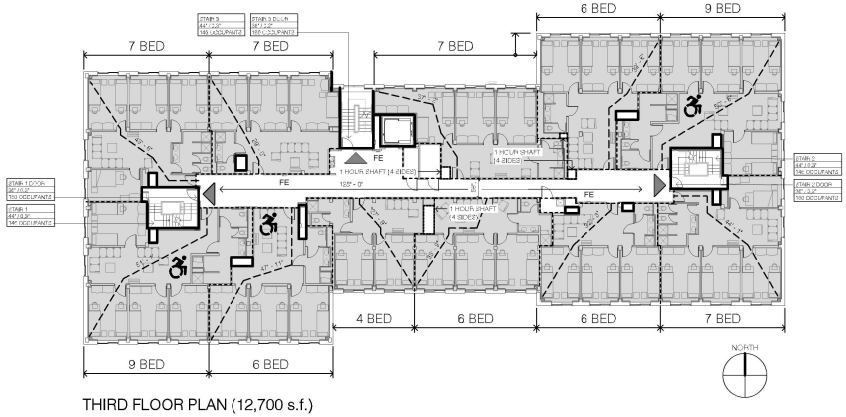
Scale: As indicated



ATTIC FLOOR PLAN (1,904 s.f.)



FOURTH FLOOR PLAN (12,700 s.f.)



THIRD FLOOR PLAN (12,700 s.f.)

CODE LEGEND

- 30 MINUTE FIRE PARTITION
- 1 HOUR FIRE BARRIER, SEE HEAD DETAIL H3A022.
- 2 HOUR FIRE BARRIER
- 30 MINUTE FIRE RESISTIVE RATED FLOOR/CEILING ASSEMBLY
- 60 MINUTE FIRE RESISTIVE RATED FLOOR/CEILING ASSEMBLY
- 120 MINUTE FIRE RESISTIVE RATED FLOOR/CEILING ASSEMBLY
- ASSEMBLY OCCUPANCY
- ACCESSIBLE
- H.I HEARING IMPAIRED SLEEPING UNIT
- EXIT
- EXIT ACCESS
- EXIT ACCESS TRAVEL DISTANCE

DASNY

DORMITORY AUTHORITY STATE OF NEW YORK

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One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1085
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architecture
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CODE REVIEW

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

REGISTERED ARCHITECT KARL KAFE POND 026,084 STATE OF NEW YORK

DASNY Project No: 341830

Drawing Number

A002

Scale: As indicated

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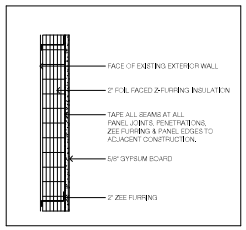
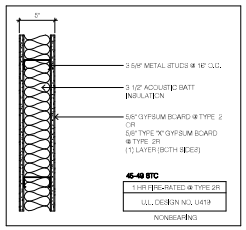
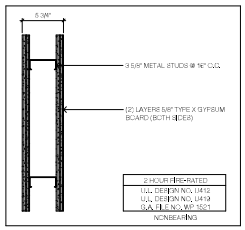


TYPE 1



TYPE 2 & 2R



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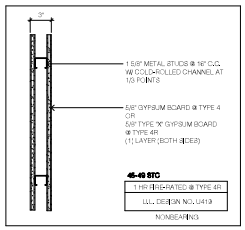

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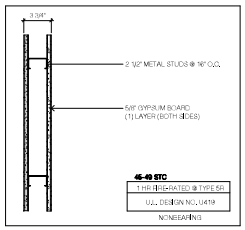
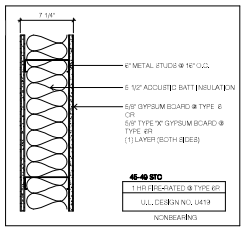
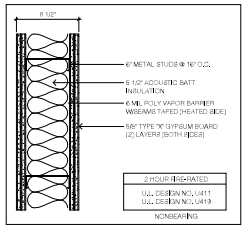


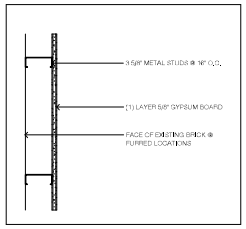
TYPE 5 & 5R



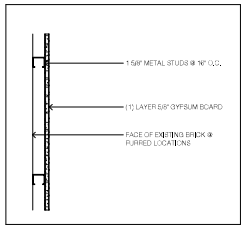
TYPE 6 & 6R



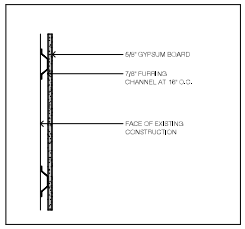
TYPE 7R



TYPE 8



TYPE 9



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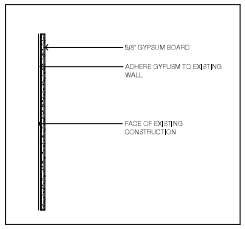
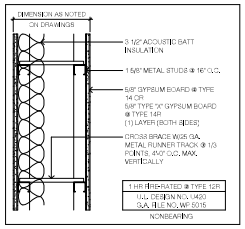
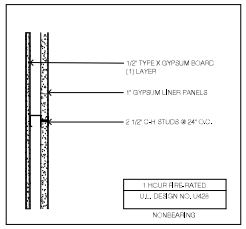


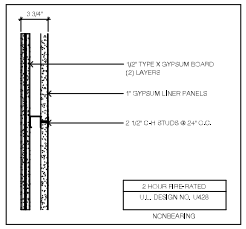
TYPE 11



TYPE 12 & 12R



TYPE 13R



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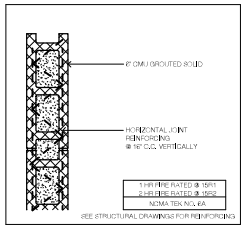
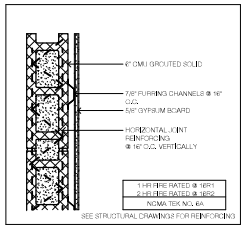


TYPE 15, 15R1 & 15R2



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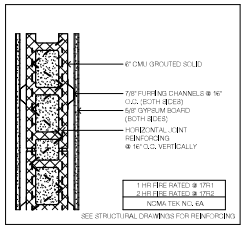
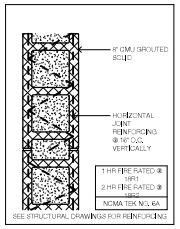
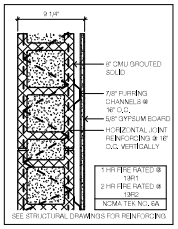


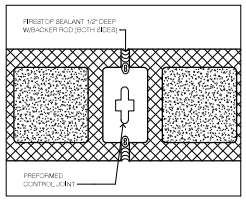
TYPE 17R2



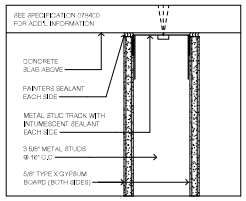
TYPE 18, 18R1 & 18R2



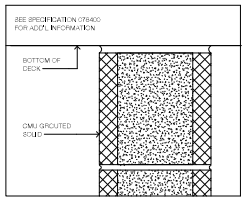
TYPE 19, 19R1 & 19R2



H1 A003 HORIZONTAL CMU CONTROL JOINT
SCALE: 3" = 1'-0"



H3 A003 FIRESTOP HEAD DETAIL
SCALE: 3" = 1'-0"



H5 A003 CMU HEAD DETAIL
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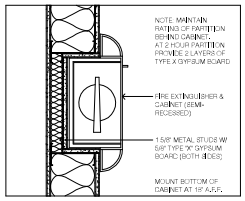
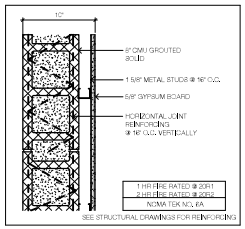
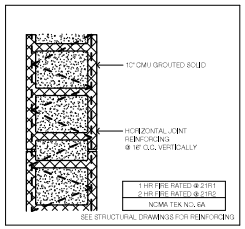


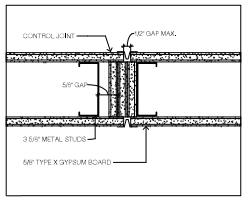
H7 A003 FIRE EXTINGUISHER CABINET PLAN
SCALE: 1 1/2" = 1'-0"



TYPE 20, 20R1 & 20R2



TYPE 21, 21R1 & 21R2



K1 A003 1 HR GYPSUM BD CONTROL JOINT
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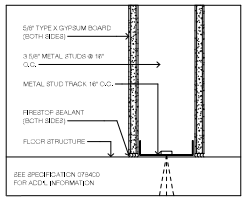

K3 A003 FIRESTOP DETAIL
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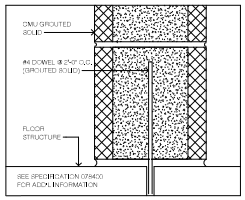

K5 A003 CMU SILL DETAIL
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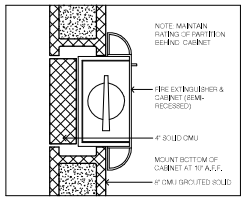
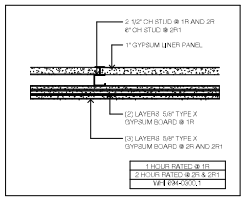


K7 A003 FIRE EXTINGUISHER CABINET PLAN
SCALE: 1 1/2" = 1'-0"



TYPE 1R, 2R, AND 2R1 CEILING

PARTITION TYPE NOTES

1. ALL FIRE-RATED WALL ASSEMBLIES SHALL BE CONSTRUCTED IN COMPLETE AND STRICT COMPLIANCE WITH THE REFERENCED U.L. DESIGN NUMBERS (UNDERWRITERS LABORATORIES FIRE RESISTANCE DIRECTORY) AND/OR G.A. FILE NUMBERS (GYPSUM ASSOCIATION).
2. SEE CODE PLANS FOR CLARIFICATIONS AND LOCATIONS OF FIRE-RATED PARTITIONS.
3. FIRE-RATED PARTITIONS SHALL BE CONSTRUCTED SO AS TO MAINTAIN CONTINUITY IN BOTH THE VERTICAL AND HORIZONTAL PLANES AND SHALL BE CONTINUOUS ACROSS THE INTERSECTION WITH PARTITIONS WHICH ARE EITHER UNRATED OR HAVE A LOWER FIRE RATING.
4. ALL FIRE-RATED PARTITIONS SHALL EXTEND AS A CONTINUOUS PARTITION FROM FINISH FLOOR SLAB TO UNDERSIDE OF DECK ABOVE. SEE FIRESTOP DETAILS H1, K1, H3, AND K3 ON THIS PAGE FOR TOP, BOTTOM, AND CONTROL JOINT CONDITIONS.
5. ALL PENETRATIONS SHALL BE FULLY FIRESTOPPED AT ALL RATED PARTITIONS, FLOORS AND CEILINGS.
6. PROVIDE WATER RESISTANT GYPSUM BOARD ON ALL WALLS AND CEILINGS IN BATHROOMS, TOILET ROOMS AND LAUNDRY ROOM.
7. ALL PARTITION TYPES SCHEDULED TO BE PROVIDED WITH ACOUSTIC BATT INSULATION SHALL RECEIVE ACOUSTIC SEALANT AT ALL PERIMETER CONDITIONS AND PENETRATIONS.

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DORMITORY AUTHORITY STATE OF NEW YORK
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One Penn Plaza, 52 Floor, New York, New York 10119-0098
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architecture+
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297 RIVER STREET
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Phase: BID DOCUMENTS

PARTITION TYPES & DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

REGISTERED ARCHITECT — KARL KARL POHLE — NO. 019851 — STATE OF NEW YORK

DASNY Project No: 341830

Drawing Number: A003

Scale: As indicated

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