ASHFORD BUILDING

RESIDENTIAL & APARTMENT BUILDING
398 ASHFORD ST.
DOBBS FERRY, NY 10522

GENERAL NOTES

GENERAL CONDITIONS:

1. THE LATEST EDITION OF A.I.A. DOCUMENT A201, "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" SHALL BE PART OF THE CONSTRUCTION PHASE OF THIS PROJECT.
2. CONTRACTOR IS TO PROVIDE A COMPLETE, FINISHED AND OPERATIONAL PROJECT UNDER THE SCOPE OF THE CONSTRUCTION CONTRACT. ANY CLARIFICATIONS TO ACCOMPLISH THIS SHALL BE REVIEWED BY CHADHA + ASSOCIATES (ARCHITECT) OR TENANT.
3. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR BID TO VERIFY EXISTING FIELD CONDITIONS AND NOTIFY CHADHA + ASSOCIATES OF ANY OMISSIONS AND/OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS WHICH MAY AFFECT THE BID. NOTIFY CHADHA + ASSOCIATES OF ANY CONFLICTS BETWEEN ARCHITECT AND ENGINEERING DRAWINGS.
4. DO NOT SCALE DRAWINGS: WRITTEN DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE.
5. CONTRACTOR'S WORK SHALL BE IN COMPLIANCE WITH ALL APPLICABLE GOVERNMENTAL BUILDING CODES, ACCESSIBILITY STANDARDS, AND AMERICANS WITH DISABILITIES ACT (ADA) RULES AND REGULATIONS. SHOULD PROVISIONS OF THESE CODES AND STANDARDS BE CONTRARY TO CONSTRUCTION DOCUMENTS BIDDERS WILL SO ADVISE THE ARCHITECT OR CLIENT WITHOUT ANY DELAY. FAILURE TO COMPLY WILL NOT BE CAUSE FOR ANY ADDITIONAL COMPENSATION AFTER BID OPENING.
6. CONTRACTOR SHALL OBTAIN BUILDING PERMITS AND SHALL BE RESPONSIBLE FOR PAYMENT OF ALL APPLICABLE FEES.
7. CONTRACTOR TO COMPLY WITH ALL BUILDING MANAGEMENT REGULATIONS AND COORDINATE USE OF ELEVATOR, LOADING DOCKS, AND SITE PRIOR TO COMMENCEMENT OF WORK.
8. ALL WORK PERFORMED AND MATERIALS UTILIZED SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION, OR LONGER IF SO SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS AGAINST, DEFECTS IN WORKMANSHIP AND/OR MATERIALS.
9. CONTRACTOR TO PROVIDE APPLICABLE WARRANTIES, MANUALS, AND GUARANTEES REGARDING SYSTEMS EQUIPMENT, FIXTURES, AND WORKMANSHIP TO CHADHA + ASSOCIATES.
10. DIMENSIONS GIVEN ARE FROM FINISH FACE TO FINISH FACE UNLESS NOTED OTHERWISE.
11. THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES FOR SAFETY PRECAUTIONS & PROGRAMS IN CONNECTION WITH THE WORK FOR THE ACTS OR THE OMISSIONS OF THE CONTRACTORS, SUB-CONTRACTORS OR ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
12. CONTRACTOR TO INSPECT THE PLUMBING, HEATING, ELECTRICAL, FIRE PROTECTION AND STRUCTURAL SYSTEMS. CONTRACTOR TO INCLUDE IN THEIR BID ALL NECESSARY ALTERATIONS TO THE ABOVE DESCRIBED BUILDING SYSTEMS AS THEY ARE AFFECTED BY THE SCOPE OF WORK IN THESE DOCUMENTS.
13. ALL PUBLIC AREAS, AS WELL AS ACCESS TO THE PREMISES MUST MEET ADA STANDARDS.
14. ACCESS FOR ELECTRICAL AND PLUMBING WORK IS TO BE COORDINATED WITH THE BUILDING MANAGER OR SPECIFIED AGENTS. CONTACT PROPERTY MANAGEMENT.

GENERAL CONSTRUCTION:

1. DOORS USED IN CONNECTION WITH EXITS SHALL BE SO ARRANGED AS TO REMAIN UNOBSTRUCTED AND READILY OPERATIONAL WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE FROM WHICH EGRESS IS MADE.
2. ALL GLAZED DOORS, AND ANY GLAZED PANEL MORE THAN 18" IN WIDTH IMMEDIATELY ADJACENT TO ANY DOOR WHEREIN THE SILL OF SUCH GLAZED PANEL IS LESS THAN 24" ABOVE THE FLOOR SHALL BE CONSIDERED "HAZARDOUS LOCATIONS" AND SHALL BE GLAZED WITH SAFETY GLAZING MATERIALS.
3. ALL ROUGH CARPENTRY TO BE FIREPROOFED IN ACCORDANCE WITH LOCAL CODES AND LANDLORD REQUIREMENTS
4. CUTTING AND PATCHING: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING IN EXISTING CONSTRUCTION WHERE REQUIRED FOR NEW CONSTRUCTION. CONTRACTOR WILL ARRANGE WITH BUILDING MANAGEMENT FOR THEIR APPROVAL OF PRIOR TO COMMENCING WITH ANY SUCH WORK. EXISTING CONSTRUCTION WHERE AFFECTED BY DEMOLITION TO BE PROPERLY REPAIRED AND ALIGNED SO AS TO LEAVE NO EVIDENCE OF RENOVATION WORK.
5. CONTRACTOR SHALL VERIFY THAT ALL EXISTING FLOORS ARE IN GOOD AND LEVEL CONDITION TO RECEIVE SPECIFIED FLOORING FINISH. ALL AREAS FOUND NOT SO, ARE TO BE PATCHED TO ALLOW FOR NO MORE THAN 1/4" VARIATION IN A 10'-0" SPAN W/ CEMENT-BASED SELF-LEVELING UNDERLAYMENT.
6. ALL DRYWALL JOINTS AND CORNERS TO BE TAPED, FILLED AND SANDED SMOOTH IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS/INDUSTRY STANDARDS.
7. THE CONTRACTOR SHALL REMOVE DAILY ALL RUBBISH/DEBRIS UPON COMPLETION, REMOVE ALL EQUIPMENT AND PERFORM FINAL CLEANING AS MAY BE NECESSARY TO LEAVE THE JOB READY FOR OCCUPANCY. CONTRACTOR SHALL DAILY REMOVE FROM THE SITE ALL COMBUSTIBLE BUILDING REFUSE INCLUDING BROKEN TORNS, SCRAP LUMBER, PAPER, ETC. ALL PACKING CASES, CRATES AND CARTONS IN WHICH CONSTRUCTION MATERIALS HAVE BEEN DELIVERED SHALL BE REMOVED IMMEDIATELY. THE BURNING OF ANY REFUSE IS STRICTLY PROHIBITED.
8. CONTRACTOR SHALL INSPECT THE FIELD CONDITIONS PRIOR TO ANY FLOOR CORING TO ENSURE NON-CONFLICTING CONDITIONS WITH UNDER FLOOR DUCTS, STRUCTURAL MEMBERS, AIR CONDITIONING DUCTS, ETC.
9. CONTRACTOR MUST SUBMIT TO LANDLORD CORING PLANS WITH DIMENSIONS FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY CORING WORK.
10. CONTRACTOR TO ENSURE THAT FIRE SAFING MATERIAL ON STRUCTURAL MEMBERS ARE TO REMAIN INTACT AND UNALTERED DURING CONSTRUCTION. REPLACE AND REPAIR WITH EQUIVALENT FIRE SAFING MATERIAL DAMAGED DURING CONSTRUCTION.

DEMOLITION NOTES:

1. DEMOLITION INCLUDES COMPLETE REMOVAL, DISPOSAL, OR SAVINGS OF SPECIFIED WORK WHERE INDICATED OR NOTED ON PLANS.
2. SUBMIT PROPOSED METHODS AND OPERATION OF DEMOLITION TO TENANT/ BUILDING FOR REVIEW PRIOR TO START OF WORK. INCLUDE IN SCHEDULE COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES AS REQUIRED.
3. ELECTRICAL, TELEPHONE, MECHANICAL, AND PLUMBING SYSTEMS DELETED BY NEW CONSTRUCTION SHALL BE REMOVED TO THE FURTHEST TERMINATION POINT
4. KEEP STAIRWAYS AND FIRE ESCAPES UNOBSTRUCTED AND AVAILABLE FOR USE AT ALL TIMES DURING DEMOLITION.
5. ALL SALVAGE SURPLUS BUILDING MATERIALS, HARDWARE, DOOR FRAMES, FIRE EXTINGUISHERS, LIGHT FIXTURES, CARPET, CEILING TILES, ETC. NOT INDICATED TO BE RELOCATED OR REUSED SHALL BE TURNED OVER TO THE OWNER FOR FIRST REFUSAL. BUILDING SHALL HAVE SECOND REFUSAL. ALL OTHER EXISTING FINISHES ARE TO BE REMOVED, U.N.O.

HVAC NOTES:

1. PROVIDE HVAC INSTALLATION SUCH AS TO PROVIDE INTERIOR CONDITIONS OF 70 DEGREES AVERAGE INSIDE WHEN OUTSIDE CONDITIONS ARE MINUS 10 DEGREES FAHRENHEIT, REFER TO MECHANICAL PLANS.

FURNITURE/TELEPHONE/ELECTRIC (FTE) NOTES:

1. WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL OTHER STATE AND LOCAL CODES THAT HAVE AUTHORITY OVER THIS PROJECT. NOTIFY THE ARCHITECT OR CLIENT OF ANY DISCREPENCIES FROM WHAT IS INDICATED.
2. ELECTRICAL CONTRACTOR SHALL VISIT SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS BEFORE BIDDING. ELECTRICAL CONTRACTOR TO VERIFY THE ADEQUACY OF EXISTING ELECTRICAL SYSTEM.
3. ELECTRICAL CONTRACTOR TO REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATION OF ELECTRICAL DEVICES.
4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ELECTRICAL CIRCUITING, CUT-OFF SWITCHES, STAND ALONE EQUIPMENT, CONVENIENCE OUTLETS, ALL LIGHTING, AND ACCENT LIGHTING, SPEAKERS, ETC.)AND TELEPHONE SERVICES WITH THE TENANT'S TELEPHONE AND TELECOMMUNICATIONS COMPANIES.
5. VOICE AND DATA CABLING TO BE INSTALLED BY G.C., U.N.O.
6. U.N.O., RECEPTACLES, RECEPTACLE COVERS, SWITCHES / SWITCH COVERS ARE TO BE BUILDING STANDARD, TO MATCH EXISTING.
7. ANY EXISTING TO REMAIN LIGHTS, RECEPTACLES, AND TELE-COMMUNICATIONS OUTLETS ARE TO BE RECONNECTED TO NEW CIRCUITS IN NEAREST PANEL.
8. IF ANY EXISTING CAPPED ELECTRICAL OR TELEPHONE OUTLET FALLS IN A LOCATION WHERE A NEW OUTLET IS SPECIFIED, REUSE THE EXISTING.
9. IN PARTITIONS WHERE OUTLETS APPEAR BACK TO BACK, OUTLETS ARE TO BE STAGGERED.
10. SEPARATE CIRCUITS ARE TO BE FURNISHED WITH DISCONNECT SWITCHES.
11. CAP ALL EXISTING CORE OPENINGS THAT ARE NOT BEING USED, PER LOCAL BUILDING CODE.
12. REFER TO ELECTRICAL PLANS, NOTES AND DETAILS FOR THE ELECTRICAL SYSTEM.
13. CONTRACTOR TO PROVIDE EMPTY CONDUIT, RUNNING ABOVE THE CEILING, INSIDE WALLS, OR SOFFITS FOR ALL LOW VOLTAGE ITEMS (SPEAKERS, FIRE ALARM EQUIPMENT, SPECIALTY LIGHTING, ETC.) TO POINT OF CONNECTION. CONTRACTOR TO VERIFY AND PROVIDE PLENUM RATED WHERE REQUIRED AT ALL ELECTRICAL ITEMS.
14. WHERE REQUIRED BY CODE, CONTRACTOR TO PROVIDE GYPSUM BOARD ENCLOSURE AT SPEAKERS OR ANY OTHER ITEM TO MAINTAIN PLENUM RATING IN CEILING.

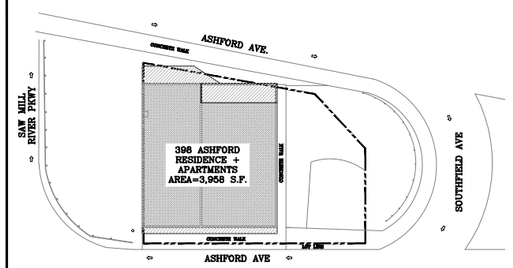
REFLECTED CEILING:

1. IF NEW LIGHTING LAYOUT CONFLICTS WITH EXISTING SPRINKLER HEADS, DIFFUSERS, ETC., NOTIFY ARCHITECT.
2. PROVIDE NEW EXIT SIGNS AND BATTERY POWERED EMERGENCY LIGHTING UNLESS SPECIFIED OTHERWISE.
3. UNLESS NOTED OTHERWISE, SWITCHES FOR LIGHTING AND ALL OTHER DEVICES TO BE GANGED WITH COMMON SURFACE PLATE.

FIRE SAFETY

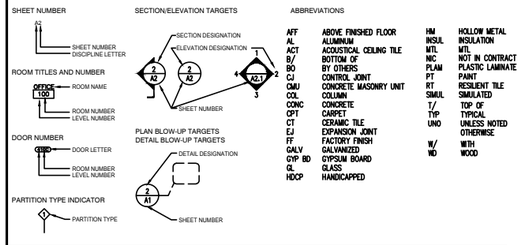
1. ANY FIRE HOSE CABINETS, FIRE EXTINGUISHER CABINETS WITH FIRE EXTINGUISHERS AND ALL OTHER BUILDING STANDARD LIFE SYSTEM EQUIPMENT REQUIRED BY APPLICABLE CODES SHALL ALSO BE INCLUDED.
2. ADA COMPLIANT STROBE LIGHTS AND HORNS TO SIGNAL ACTIVATION OF THE FIRE ALARM SYSTEM SHALL BE INCLUDED ONLY IF REQUIRED BY LOCAL AUTHORITIES. SUCH INSTALLATION SHALL INCLUDE ANY MODIFICATIONS TO THE BASE BUILDING FIRE ALARM SYSTEM REQUIRED BY THE ADDITION OF THESE DEVICES. ANY REQUIRED DEVICE IS TO BE INSTALLED FLUSH TO WALL OR CEILING, WHERE REQUIRED.

LOCATION PLANS



1 / T1.0 SITE PLAN
SCALE: N.T.S.

SYMBOL LEGEND



ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR	D.S.	DOWN SPOUT	HR.	HOUR	REINF.	REINFORCING
A.H.J.	AUTHORITY HAVING JURISDICTION	EA.	EACH SIDE	HDCP.	HANDICAPPED	REQD.	REQUIRED
		E.J.	EXPANSION JOINT	HDWD.	HARDWOOD	R.D.	ROOF DRAIN
ACOUS.	ACOUSTICAL	ELECT.	ELECTRICAL	I.D.	INSIDE DIMENSION	RM.	ROOM
ADJ.	ADJACENT	EL.	ELEVATION(ORNADJ)	JST.	JOIST	S.C.	SILL COCK
ALUM.	ALUMINUM	ELEV.	ELEVATION	JT.	JOINT	SH.	SHEET
&	AND	ENTR.	ENTRANCE	L.	LENGTH	S.M.	SHEET METAL
L	ANGLE	E.P.	ELECTRICAL PANEL	LAV.	LAVATORY	SPEC	SPECIFICATION
APPROX.	APPROXIMATELY	EQ.	EQUAL	LOC.	LOCATION	S.S.	STAINLESS STEEL
BLDG.	BUILDING	E.W.C.	ELEC. WATER COOLER	MAX.	MAXIMUM	STD.	STANDARD
BLK.	BLOCK	EXH.	EXHAUST	MECH.	MECHANICAL	STRUCT.	STRUCTURAL
B.M.	BENCHMARK	EXP.	EXPANSION	MIN.	MINIMUM	SQ.	SQUARE
BTWN.	BETWEEN	F.D.	FLOOR DRAIN	M.O.	MASONRY OPENING	TEMP.	TEMPERED
C.B.	CATCH BASIN	F.H.	FIRE HYDRANT	MFR.	MANUFACTURER	TERR	TERRAZZO
℄	CENTERLINE	FIN.	FINISH	M.T.	METAL THRESHOLD	T&G	TAR & GRAVEL
C.T.	CERAMIC TILE	F.F.	FINISH FLOOR	MTD.	MOUNTED	T.P.	TELEPHONE PANEL
C	CHANNEL	FL.	FLOOR	MTL.	METAL	TYP.	TYPICAL
C.J.	CONTROL JOINT	FT.	FEET	N.I.C.	NOT IN CONTRACT	U.L.	UNDERWRITER LABEL
CLG.	CEILING	GA.	GAUGE	NO.	NUMBER	U.N.O.	UNLESS NOTED OTHERWISE
COL.	COLUMN	GALV.	GALVANIZED	N.T.S.	NOT TO SCALE	V.C.T.	VINYL COMP. TILE
COMP.	COMPACTED	G.C.	GENERAL CONTRACTOR	O.C.	ON CENTER	VERT.	VERTICAL
CONC.	CONCRETE	GEN'L	GENERAL	O.H.	OVERHEAD	V.I.F.	VERIFY IN FIELD
CONT.	CONTINUOUS	GL.	GLASS	OPNG.	OPENING	V.T.	VINYL TILE
CONTR.	CONTRACTOR	GYP.BD.	GYPSUM BOARD	P.C.	PEOPLE COUNTER	V.T.R.	VENT THRU ROOF
D.	DEPTH	HGT.	HEIGHT	PL.	PLATE	W.A.P.	WIRELESS ACCESS POINT
DET.	DETAIL	H.M.	HOLLOW METAL	POL.	POLISHED	W.	WIDTH
D.F.	DRINKING FOUNTAIN	HORIZ.	HORIZONTAL	PR.	PAIR	W/	WITH
Ø	DIAMETER,(DIA.)	H.P.	HIGH POINT	PT.	POINT	WD.	WOOD
DN.	DOWN			R.	RADIUS	WP.	WORK POINT
DR.	DOOR						

HM	HOLLOW METAL		
INSUL	INSULATION		
MTL	MTL		
NIC	NOT IN CONTRACT		
PLAM	PLASTIC LAMINATE		
PT	PAINT		
RT	RESILIENT TILE		
SIMUL	SIMULATED		
T/	TOP OF		
TYP	TYPICAL		
UNO	UNLESS NOTED OTHERWISE		
W/	WITH		
WD	WOOD		

SCOPE OF WORK

THIS PROJECT IS FOR THE 3,958 SF INTERIOR BUILD-OUT AND RENOVATION FOR A NEW TENANT AT 398 ASHFORD AVENUE, DOBBS FERRY, NY. THE SCOPE OF WORK SHALL CONSIST OF, BUT IS NOT LIMITED TO THE FOLLOWING: RENOVATION EXISTING APARTMENTS UNITS, NEW INTERIOR PARTITIONS, NEW FLOOR AND WALL FINISHES,
REVISED MECHANICAL, ELECTRICAL, AND PLUMBING PER PLANS.

NO STRUCTURAL WORK INCLUDED.

INDEX OF DRAWINGS

SHT.	DESCRIPTION	ISSUE FOR PERMIT 03/19/20					
REVISION:							
ISSUE DATE:							
COVER SHEET							
T1.0	TITLE SHEET AND INDEX OF DRAWINGS	●					
ARCHITECTURAL							
A1.0	EXISTING SITE PLAN	●					
A1.1	PROPOSED SITE PLAN	●					
A2.0	BASEMENT FLOOR EXISTING & PROPOSED PLANS	●					
A2.1	GROUND FLOOR DEMO & PROPOSED PLANS	●					
A2.2	SECOND FLOOR DEMO & PROPOSED PLANS	●					
A2.3	THIRD FLOOR DEMO & PROPOSED PLANS	●					
A3.0	EXTERIOR ELEVATIONS	●					
A4.0	EGRESS WINDOW DETAIL & EGRESS CODE	●					
MECHANICAL							
ELECTRICAL							
PLUMBING							

PROJECT INFORMATION

LANDLORD/OWNER INFORMATION:	ARCHITECT:	MEP:
ASHFORD DOBBS LLC. 56 MAIN STREET HASTINGS ON HUDSON DOBBS FERRY, NY 10705	CHADHA+ASSOCIATES INC CONTACT: SANJIV CHADHA, MICHAEL DOOLEY 200 WEST MONROE ST, SUITE #2070 CHICAGO IL 60606	
T: (212) 363-0851 E: DROTBARD@GMAIL.COM	T: (312) 332-2062 F: (312) 332-9894	

STATEMENT OF COMPLIANCE

I HEREBY CERTIFY THAT THESE PLANS, SPECIFICATIONS OR REPORTS WERE PREPARED UNDER MY DIRECT SUPERVISION, AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE THEY COMPLY WITH THE BUILDING CODE OF NEW YORK STATE, AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE NEW YORK STATE.

WILLIAM S. NEIL — DATE: 03/19/2020 — REGISTRATION#: 037378-1 — EXPIRES: 06/30/2020

ADA TITLE III REQUIREMENTS

THE ARCHITECT AND TENANT HAVE BEEN MADE AWARE OF THE REQUIREMENTS UNDER THE AMERICANS WITH DISABILITIES ACT (ADA) TITLE III, SECTION 36.304 "REMOVAL OF BARRIERS"

"(A) GENERAL A PUBLIC ACCOMMODATION SHALL REMOVE ARCHITECTURAL BARRIERS IN EXISTING FACILITIES, INCLUDING COMMUNICATION BARRIERS THAT ARE STRUCTURAL IN NATURE, WHERE SUCH REMOVAL IS READILY ACHIEVABLE, I.E. EASILY ACCOMPLISHABLE AND ABLE TO BE CARRIED OUT WITHOUT TOO MUCH DIFFICULTY OR EXPENSE."

ACCESSIBLE ISSUES MAY INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
1. ACCESSIBLE PARKING SPACE, IF PARKING IS PROVIDED FOR TENANTS, WITH AN ACCESSIBLE ROUTE TO THE MAIN ENTRY.
2. ACCESSIBLE ROUTE FROM SIDEWALK TO MAIN ENTRY.
3. ACCESSIBLE MAIN ENTRY
4. ACCESSIBLE ROUTE TO ALTERED AREA WHICH MAY INCLUDE AN ELEVATOR, LIFT, OR RAMP.
5. ACCESSIBLE PUBLIC TOILED ROOM ON ALTERED FLOOR(S).

WILLIAM S. NEIL — 03/19/2020

PROJECT DATA

AUTHORITY: CITY OF DOBBS FERRY DEPT OF PERMIT & INSPECTION SERVICES, 112 MAIN STREET, DOBBS FERRY, NY

AREA OF CONSTRUCTION: 3,958 SF

RENOVATION APARTMENT UNITS

SCOPE OF WORK TO INCLUDE NEW PARTITIONS; POWER AND LIGHTING; NEW FINISHES; NEW LAUNDRY MACHINES IN THE BASEMENT; ALSO WINDOWS MEANS OF EGRESS.

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CLIENT

ASHFORD DOBBS LLC

56 Main Street
Hastings on Hudson, NY 10705

PROJECT

398 ASHFORD
RESIDENTIAL BUILDING

DOBBS FERRY, NY 10522

ISSUED FOR

NO.	DESCRIPTION	DATE
01	ISSUED FOR PERMIT	03/19/20

REGISTERED ARCHITECT — WILLIAM S. NEIL — 037378-1 — STATE OF NEW YORK

SHEET TITLE

TITLE SHEET, CODE AND PROJECT INFO.

SHEET NO.

T1.0

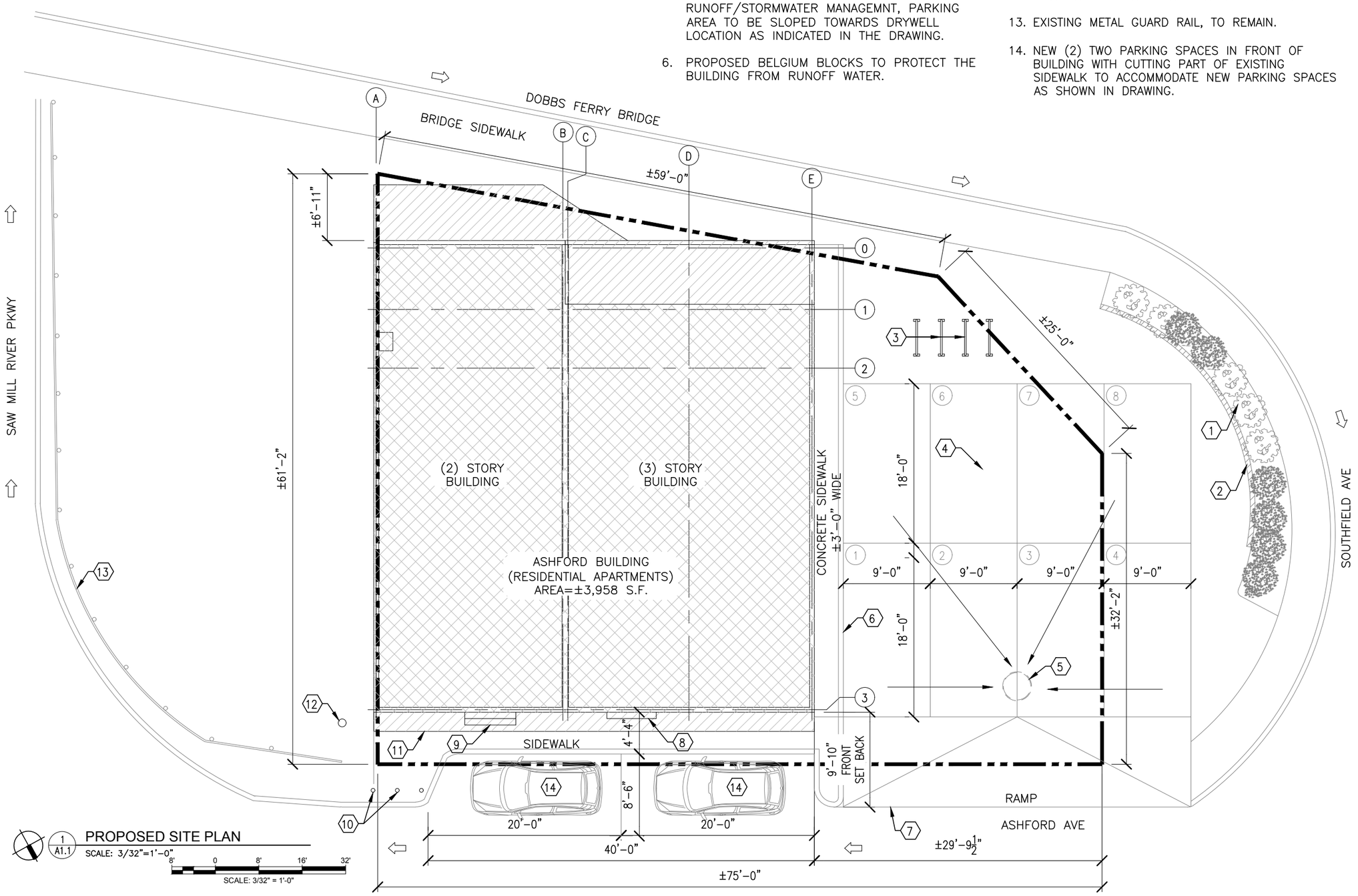
C+A JOB NO. 5421-01

SITE LAYOUT LEGEND

- PROPERTY LINE
- EXISTING DECK IN THE REAR SIDE OF THE BUILDING
- EXISTING MULTI–STORY RESIDENTIAL BUILDING (2–3 FLOORS)

KEY NOTES

1. PROPOSED LANDSCAPED PLANTS, BUSHES, AND SMALL TREES.
2. PROPOSED KNEE WALL FOR THE LANDSCAPE AS INDICATED IN THE DRAWING.
3. PROPOSED BICYCLE RACKS.
4. EXISTING TREES TO BE REMOVED.
5. PROPOSED DRYWELL UNDERGROUND FOR RUNOFF/STORMWATER MANAGEMNT, PARKING AREA TO BE SLOPED TOWARDS DRYWELL LOCATION AS INDICATED IN THE DRAWING.
6. PROPOSED BELGIUM BLOCKS TO PROTECT THE BUILDING FROM RUNOFF WATER.
7. NEW CUT CURB FOR PARKING SLOPE RAMP.
8. NEW (1) CONCRETE STEP.
9. EXISTING CONCRETE STEPS, TO REMAIN.
10. NEW STEEL BOLLARDS.
11. EXISTING OVERHANG.
12. EXISTING TELEPHONE POLE TO BE REMOVED.
13. EXISTING METAL GUARD RAIL, TO REMAIN.
14. NEW (2) TWO PARKING SPACES IN FRONT OF BUILDING WITH CUTTING PART OF EXISTING SIDEWALK TO ACCOMMODATE NEW PARKING SPACES AS SHOWN IN DRAWING.



1 / A1.1 PROPOSED SITE PLAN

SCALE: 3/32"=1'–0"

8' 0 8' 16' 32'

SCALE: 3/32" = 1'-0"

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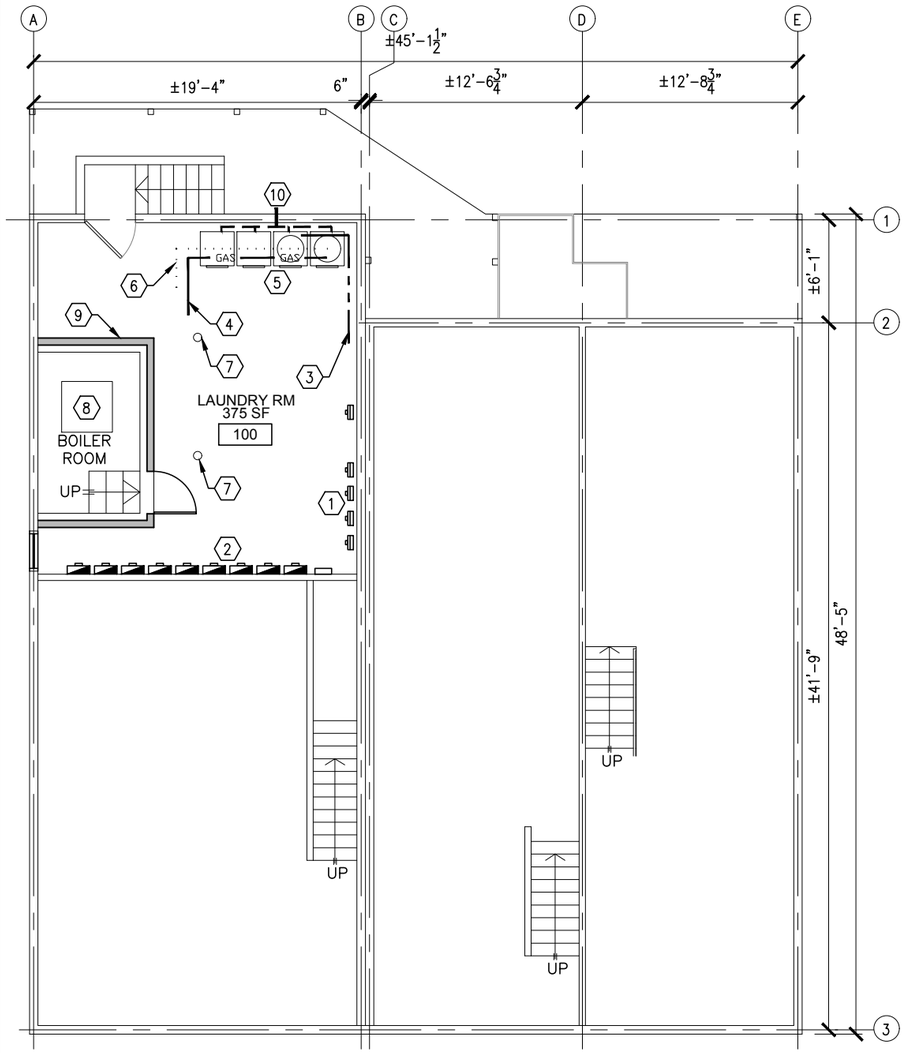
SHEET TITLE

PROPOSED
SITE PLAN

SHEET NO.

A1.1

C+A JOB NO. 5421-01

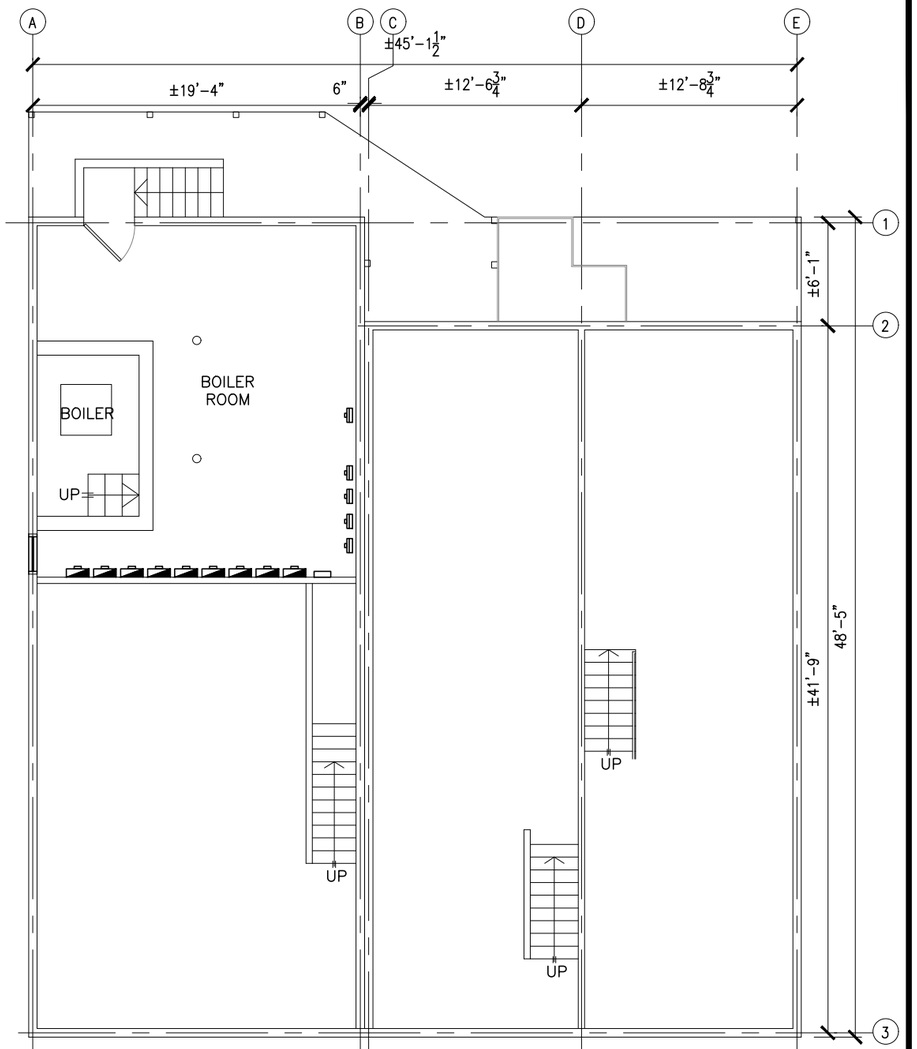


2 A2.0 BASEMENT PROPOSED FLOOR PLAN

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

8' 0 4' 8' 16'

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



1 A2.0 BASEMENT EXISTING FLOOR PLAN

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

8' 0 4' 8' 16'

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

KEY NOTES

1. EXISTING GAS METER.
2. EXISTING ELECTRICAL PANEL AND METERS.
3. CONNECT DRAIN PIPES FOR THE WASHERS TO THE EXISTING DRAINAGE SYSTEM.
4. CONNECT GAS LINES FOR THE WASHERS AND DRYERS TO THE EXISTING GAS LINE.
5. (2) WASHER UNITS, (2) 2'x 2' DRYER UNITS,
6. CONNECT HOT & COLD WATER LINES FOR THE WASHERS TO THE EXISTING WATER SUPPLY SYSTEM.
7. EXISTING STRUCTURAL COL. TO REMAIN, NO CHANGE.
8. EXISTING BOILER EQUIPMENT.
9. NEW 2HR FIRE RATED WALL.
10. VENTS FOR THE WASHERS AND DRYERS.

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REGISTERED ARCHITECT WILLIAM S. NEIL 037378-1 STATE OF NEW YORK

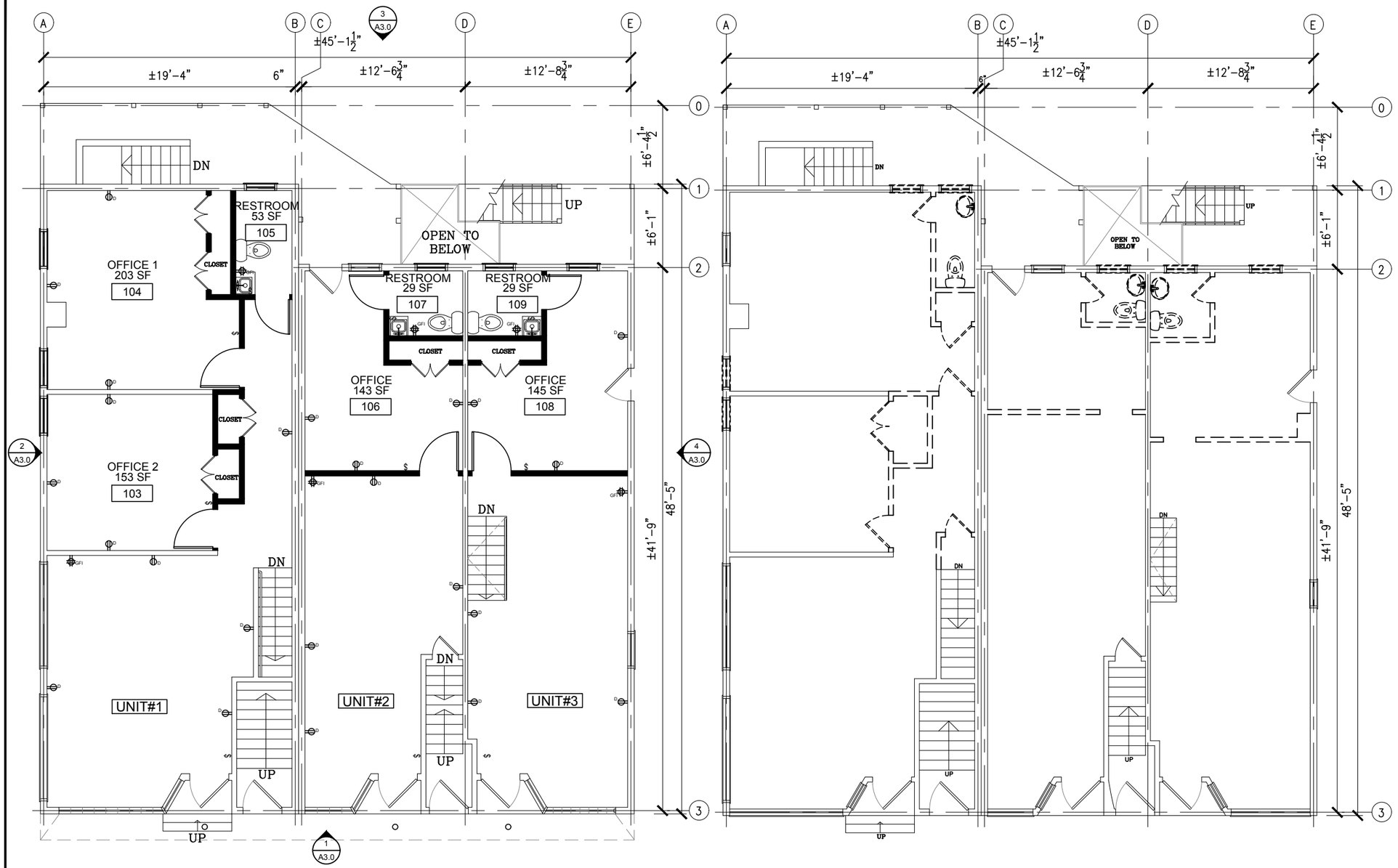
SHEET TITLE

BASEMENT FLOOR
EXISTING &
PROPOSED PLANS

SHEET NO.

A2.0

C+A JOB NO. 5421-01



2 A2.1 PROP GROUND FLOOR PLAN

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

8' 0 4' 8' 16'

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

1 A2.1 GROUND DEMO FLOOR PLAN

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

8' 0 4' 8' 16'

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

GROUND FLOOR NOTES

1. EXISTING PLUMBING FIXTURES TO BE REPLACED.
2. ELECTRICAL WORK TO BE DESIGN BUILD BY ELECTRICAL CONTRACTOR.
3. EXISTING OPENING WINDOWS TO REMAIN.

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REGISTERED ARCHITECT
WILLIAM S. NEIL
037378-1
STATE OF NEW YORK

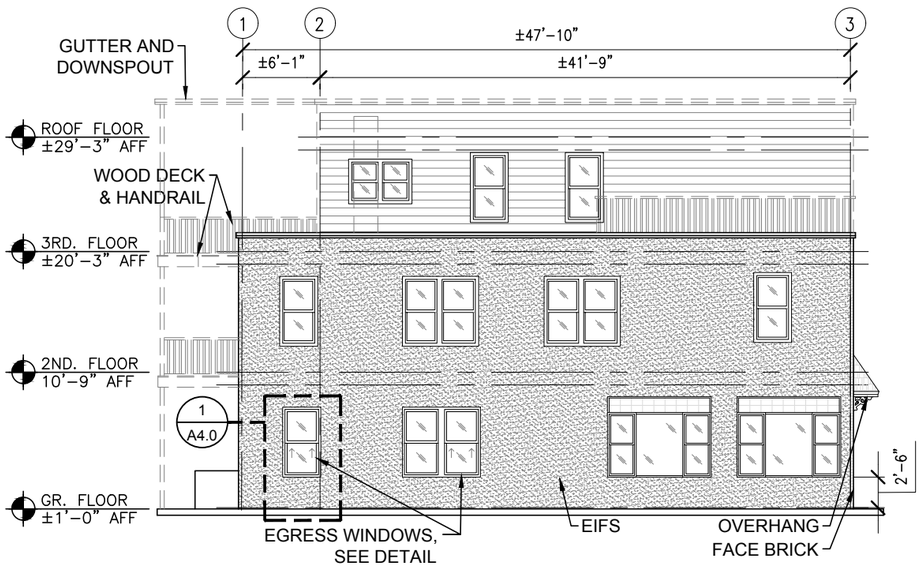
SHEET TITLE

GROUND FLOOR
DEMO & PROPOSED
PLANS

SHEET NO.

A2.1

C+A JOB NO. 5421-01



2 A3.0 WEST ELEVATION
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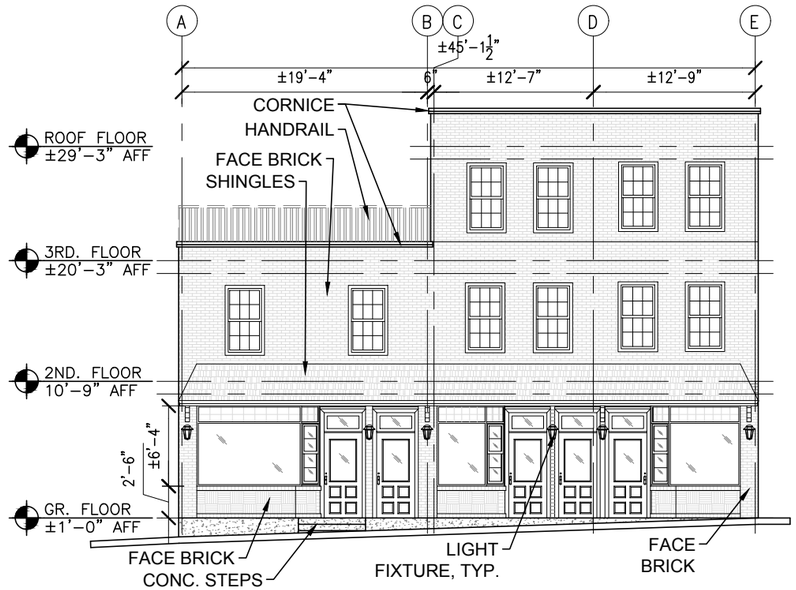
8' 0 8' 16' 32'
SCALE: 3/32" = 1'-0"



1 A3.0 SOUTH ELEVATION
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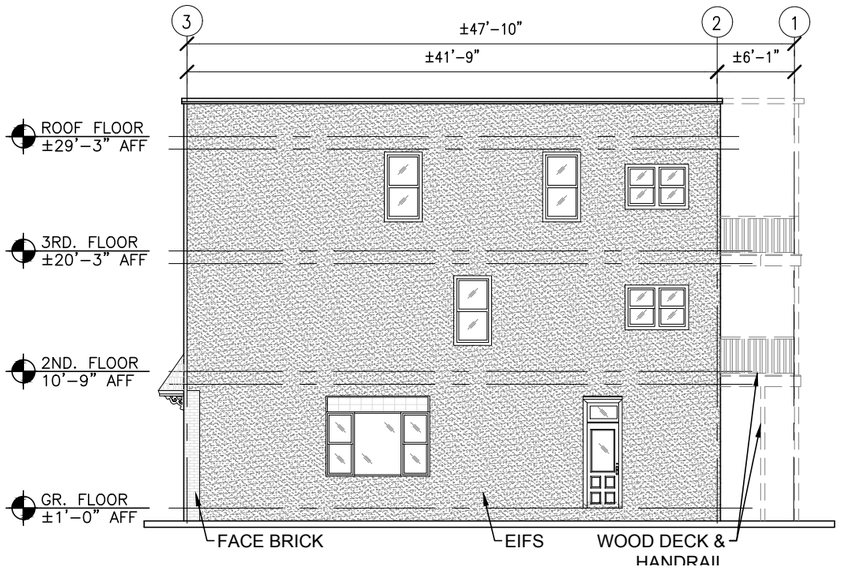

4 A3.0 EAST ELEVATION
SCALE: 3/32"=1'-0"
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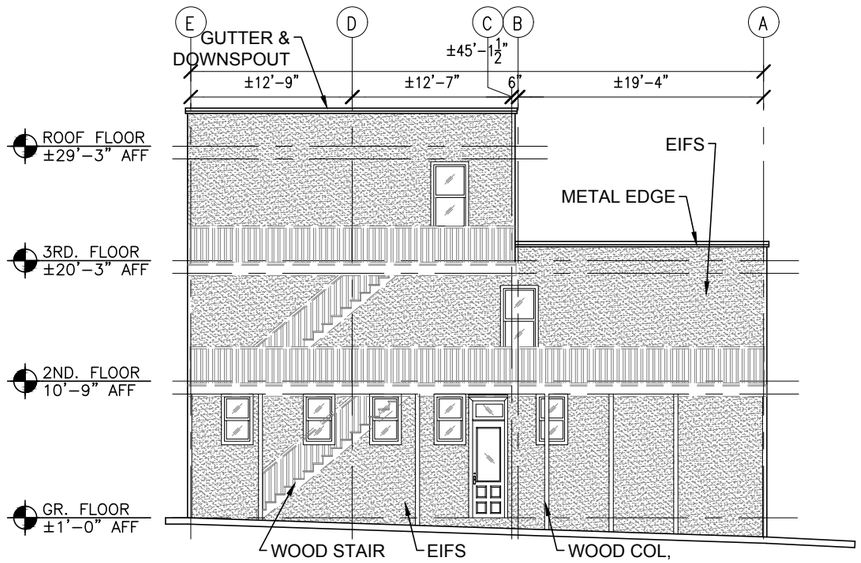
SCALE: 3/32" = 1'-0"



3 A3.0 NORTH ELEVATION
SCALE: 3/32"=1'-0"
8' 0 8' 16' 32'
SCALE: 3/32" = 1'-0"

c h a d h a + associates
architecture + interiors + design

200 WEST MONROE STREET SUITE 2070 CHICAGO ILLINOIS 60606
T 312 332 2062 | www.nwsarchitects.com | F 312 332 9894

CLIENT

ASHFORD DOBBS LLC

56 Main Street
Hastings on Hudson, NY 10705

PROJECT

398 ASHFORD
RESIDENTIAL BUILDING

DOBBS FERRY, NY 10522

ISSUED FOR

NO.	DESCRIPTION	DATE
01	ISSUED FOR PERMIT	03/19/20

REGISTERED ARCHITECT WILLIAM S. NEIL 037378-1 STATE OF NEW YORK

SHEET TITLE

EXTERIOR
ELEVATION

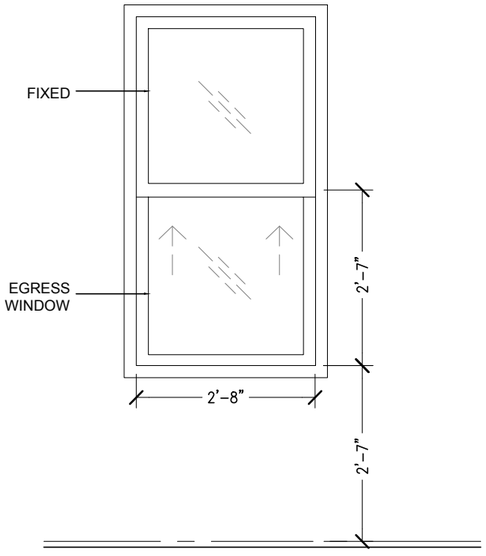
SHEET NO.

A3.0

C+A JOB NO. 5421-01

PER SECTION R310 OF THE 2016 INTERNATIONAL RESIDENTIAL CODE

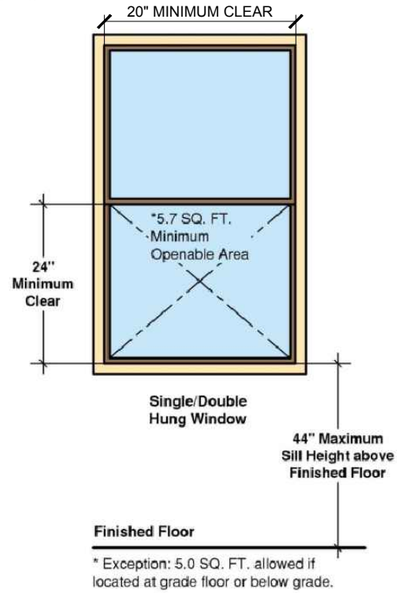
1. MINIMUM 5.7 SQUARE FEET OF NET CLEAR OPENING AREA. EXCEPTION: 5.0 SQUARE FEET ALLOWED IF LOCATED AT GRADE FLOOR OR BELOW GRADE.
2. MINIMUM 24 INCHES OF NET CLEAR HEIGHT OPENING.
3. MINIMUM 20 INCHES OF NET CLEAR WIDTH OPENING.
4. MAXIMUM 44 INCHES TO WINDOW SILL MEASURED FROM FINISHED FLOOR.



1 A4.0 EGRESS WINDOW DETAIL
SCALE: 1/2"=1'-0"

8' 0 4' 8' 16'
SCALE: 1/8" = 1'-0"

Single/Double Hung Egress Window



* Exception: 5.0 SQ. FT. allowed if located at grade floor or below grade.

2 A4.0 EGRESS WINDOW CODE
SCALE: 1/8"=1'-0"

c h a d h a + associates
architecture + interiors + design

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NO.	DESCRIPTION	DATE
01	ISSUED FOR PERMIT	03/19/20

REGISTERED ARCHITECT WILLIAM S. NEIL 037378-1 STATE OF NEW YORK

SHEET TITLE

EGRESS WINDOW DETAIL

SHEET NO.

A4.0

C+A JOB NO. 5421-01

GENERAL NOTES

ALL WORK SHALL CONFORM TO THE 2020 UNIFORM FIRE PREVENTION AND BUILDING CODE OF NEW YORK STATE (THE UNIFORM CODE) & 2020 NYS EBC & 2020 NYS FC AS ADOPTED THE STATE OF NEW YORK & ALL RULES REGULATIONS OF
ALL DEPARTMENTS HAVING JURISDICTION. ALL WORK SHALL CONFORM TO THE VILLAGE OF DOBBS FERRY MUNICIPAL CODE.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS AND JOB CONDITIONS.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION SHALL BE IN ACCORDANCE WITH OSHA REGULATIONS AND STANDARDS AND ALL LOCAL REQUIREMENTS.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO FOLLOW ALL SAFE EXCAVATION PRACTICES AND CALL "DIG-SAFELY" AT LEAST 3 WORKING DAYS IN ADVANCE TO MARK UP ANY UNDERGROUND UTILITIES. NO EXCAVATION WORK OR DIGGING OF ANY KIND SHALL START OTHERWISE.

ALL WORK SHALL BE PERFORMED IN A WORKMAN-LIKE MANNER BY QUALIFIED JOURNEYMEN OR MASTERS OF EACH TRADE.

ALL MATERIAL HANDLING AND INSTALLATION SHALL BE STRICTLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE, AND PAY FOR ALL TESTS, INSPECTIONS, ETC. AS REQUIRED BY THE BUILDING DEPARTMENT AND ANY OTHER DEPARTMENTS HAVING JURISDICTIONS.

GENERAL CONTRACTOR SHALL VISIT THE SITE AND MAKE HIMSELF FAMILIAR WITH THE WORK AND THE LOCAL CONDITIONS PRIOR TO SUBMITTING A PRICE TO THE OWNER.

ALL SURFACES ADJACENT TO THE WORK AREA, WHICH IS DAMAGED DURING CONSTRUCTION BY THE FORCES OF THE GENERAL CONTRACTOR, SHALL BE REPAIRED TO MATCH SURROUNDING SURFACES TO SATISFACTION OF THE OWNER AND ARCHITECT AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL REMOVE FROM THE ALL DEBRIS CREATED BY HIS WORK AND SHALL DISPOSE OF THEM IN A LEGAL MANNER ON A WEEKLY BASIS OR SOONER AS CONDITIONS WARRANTS.

AT COMPLETION OF THE WORK THE SITE SHALL BE CLEARED OF ALL DEBRIS AND REMAINING MATERIALS AND THE PREMISES SHALL BE LEFT BROOM CLEAN.

THE ENGINEER SHALL BE THE SOLE JUDGE AS TO THE ADEQUACY OF THE WORK PERFORMED. HE SHALL HAVE THE RIGHT TO ORDER REMOVAL OF DEFECTIVE WORK AND MATERIALS.

ANY DEVIATION FROM THESE DRAWINGS SHALL CAUSE THE WORK TO CEASE IN THE AFFECTED AREAS UNTIL THE ENGINEER HAS APPROVED THE CHANGES.

NO DRAWINGS SHALL BE USED ON JOB UNLESS THEY BEAR THE STAMP: ISSUED FOR CONSTRUCTION.

ENGINEER OF RECORD NOT RESPONSIBLE FOR ANY AND ALL BOARD APPROVALS.

CONTRACTOR IS CAUTIONED TO MAKE CONTINUOUS OBSERVATION OF THE EXISTING STRUCTURE DURING THE PERFORMANCE OF HIS WORK. SHOULD HE BECOME AWARE OF ANY SITUATION THAT REQUIRES FURTHER INVESTIGATION (SUCH AS CRACKS IN MASONRY AND PARTITIONS, ADDITIONAL OR EXCESSIVE DEFLECTION, ETC.) HE SHALL NOTIFY THE ENGINEER.

CONSTRUCTION NOTES

TEMPORARY SHORING: PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, ,OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.

DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS ,DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS 'OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN FIRE WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.

LOCATE EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.

PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE DURING DEMOLITION.

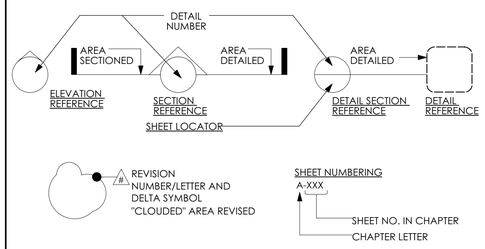
NYS ECC PROFESSIONAL STATEMENT:

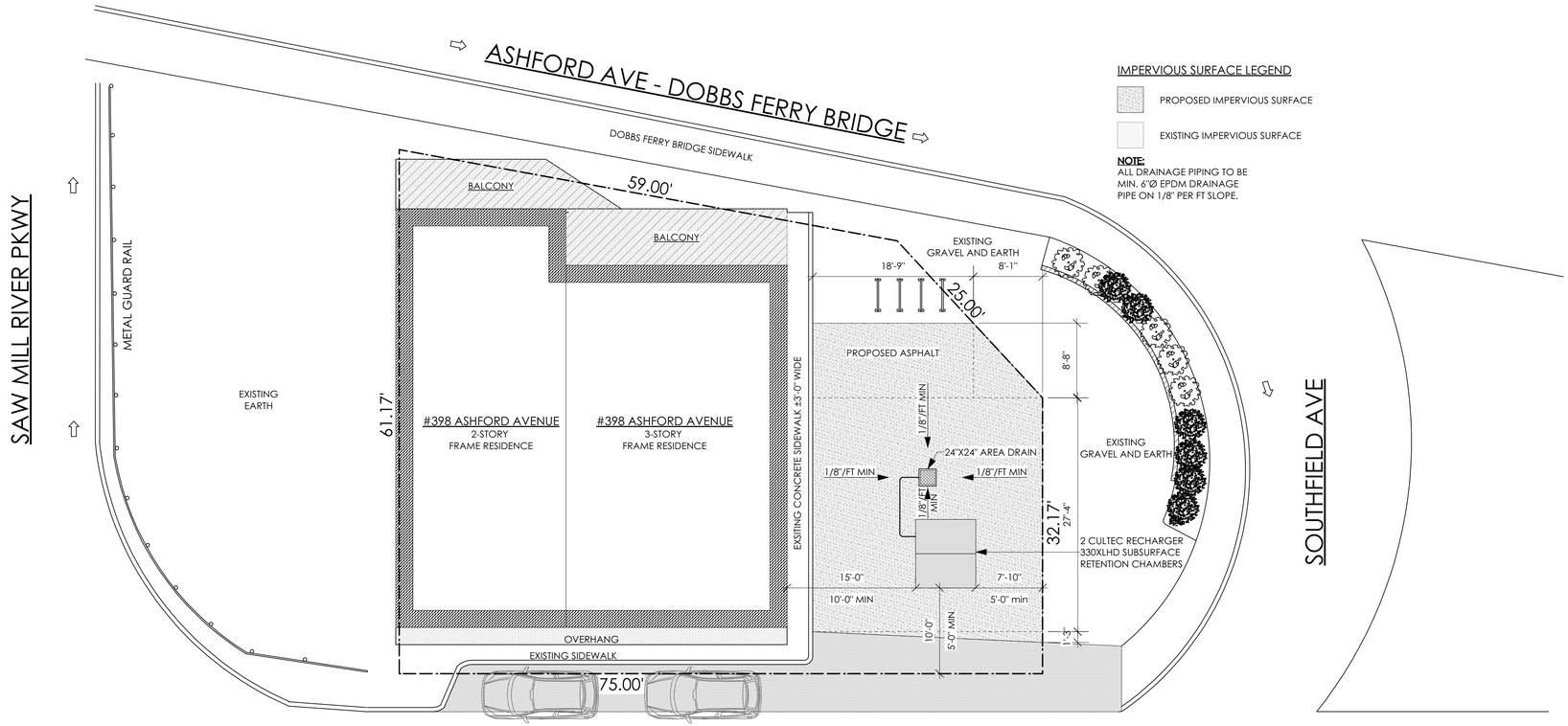
"I, SHAHIN BADALY, DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, CLIMATE ZONE 4A."

SCOPE OF WORK:

1. SITE STORMWATER MANAGMENT

SYMBOL KEY





1 SITE STORMWATER MANAGMENT PLAN
Scale: 1/8" = 1'-0"

ASHFORD AVE

IMPERVIOUS SURFACE LEGEND

PROPOSED IMPERVIOUS SURFACE

EXISTING IMPERVIOUS SURFACE

NOTE:
ALL DRAINAGE PIPING TO BE MIN. 6"Ø EPDM DRAINAGE PIPE ON 1/8" PER FT SLOPE.

PROPOSED IMPERVIOUS AREA

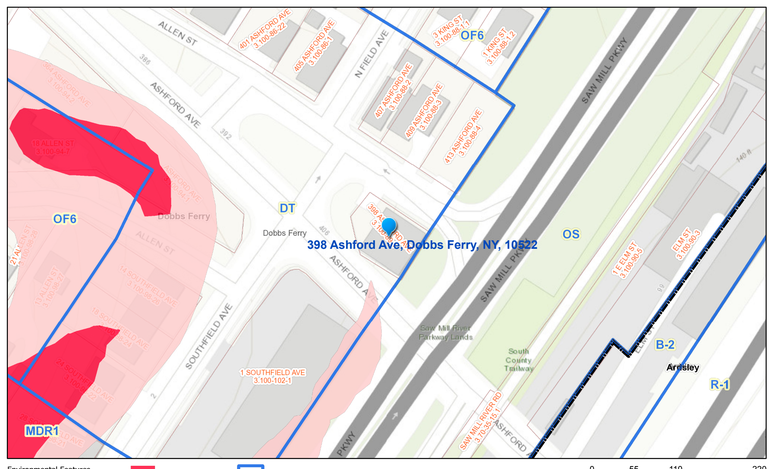
18'-9" X 8'-8"	=163	S.F.
8'-1" X 8'-8" X 1/2	=35	S.F.
27'-4" X 26'-10"	=733	S.F.
27'-4" X 1'-3" X 1/2	=17	S.F.
TOTAL NEW IMPERVIOUS AREA	=948.	S.F.

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD (PSF)	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	SPEED (MPH)	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WIND-BORNE DEBRIS ZONE		WEATHERING	FROST LINE DEPTH	TERMITE					
30 PSF	120	NO	YES	30 PSF	B	SEVERE	3'-6"	MODERATE TO HEAVY	15 DEG. F	YES	SEE BELOW	1500	52 DEG. F

FLOOD HAZARDS:
(a) FIRST CODE DATE OF ADOPTION JULY 9,1980.
(b) DATE OF FLOOR INSURANCE STUDY JAN. 21, 1998.
(c) MAP PANEL NUMBERS 36119C0907F THROUGH 36119C0338F EFFECTIVE SEPT. 28, 2007.

Mapping Westchester County



BADALY

ENGINEERING DESIGN:

BADALY ENGINEERING PLLC
2 WILSON PLACE, MT. VERNON, NY 10550

(914) 465-9010
~~BADALY.COM~~

ISSUE:

#	DATE	DESCRIPTION

REVISIONS:

#	DATE	DESCRIPTION

PROJECT TITLE:

STORMWATER MANAGEMENT

398 ASHFORD AVE
DOBBS FERRY, NY 10522

BLOCK: 89 LOT: 01

DRAWING TITLE:

GENERAL NOTES

SCALE: AS NOTED

DATE: 11/05/2020

JOB NO: 20222

DRAWN BY: AK

CHECKED BY: SB

SEAL AND SIGNATURE:

STATE OF NEW YORK · SHAHIN BADALY · 095867 · LICENSED PROFESSIONAL ENGINEER

DRAWING NO.:

A-001.00

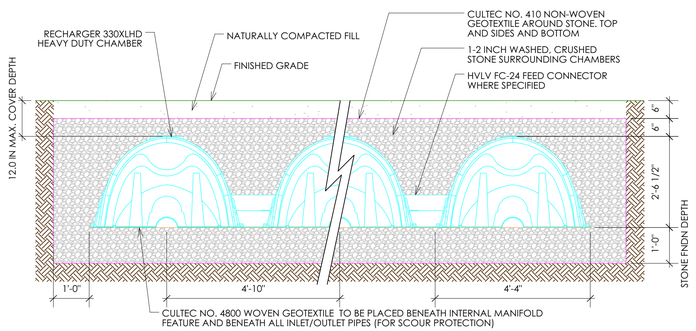
SHEET NO.:

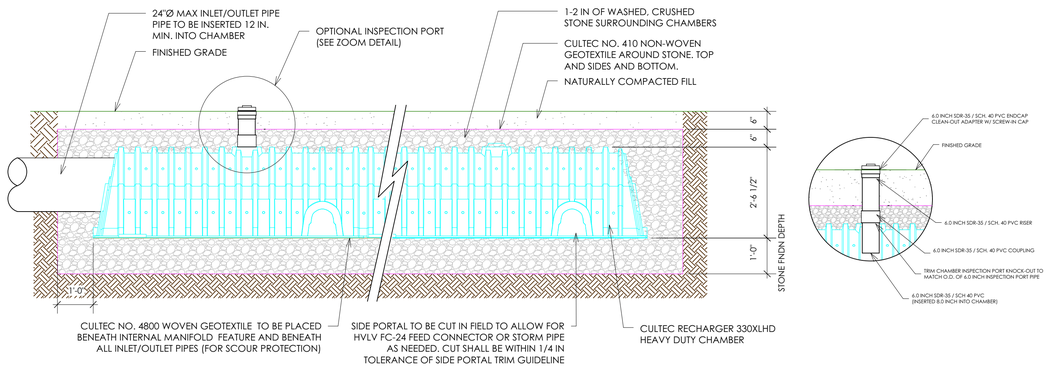
1 OF 2

CULTEC RECHARGER® 330XLHD SPECIFICATIONS

CULTEC RECHARGER® 330XLHD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.

1. THE CHAMBERS SHALL BE MANUFACTURED IN THE U.S.A. BY CULTEC, INC. OF BROOKFIELD, CT (CULTEC.COM, 203-775-4416).
2. THE CHAMBER SHALL BE VACUUM THERMOFORMED OF POLYETHYLENE WITH A BLACK INTERIOR AND BLUE EXTERIOR.
3. THE CHAMBER SHALL BE ARCHED IN SHAPE.
4. THE CHAMBER SHALL BE OPEN-BOTTOMED.
5. THE CHAMBER SHALL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS OR SEPARATE END WALLS.
6. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC RECHARGER® 330XLHD SHALL BE 30.5 INCHES (775 MM) TALL, 52 INCHES (1321 MM) WIDE AND 8.5 FEET (2.59 M) LONG. THE INSTALLED LENGTH OF A JOINED RECHARGER® 330XLHD SHALL BE 7 FEET (2.13 M).
7. MAXIMUM INLET OPENING ON THE CHAMBER END WALL IS 24 INCHES (600 MM) HDPE, PVC.
8. THE CHAMBER SHALL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV® FC-24 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. MAXIMUM ALLOWABLE O.D. IN THE SIDE PORTAL IS 10 INCHES (250 MM) HDPE AND 12 INCHES (300 MM) PVC.
9. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV® FC-24 FEED CONNECTOR SHALL BE 12 INCHES (305 MM) TALL, 16 INCHES (406 MM) WIDE AND 24.2 INCHES (614 MM) LONG.
10. THE NOMINAL STORAGE VOLUME OF THE RECHARGER® 330XLHD CHAMBER SHALL BE 7.459 FT3 / FT (0.693 M3 / M) - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF A SINGLE RECHARGER® 330XLRHD STAND ALONE UNIT SHALL BE 63.40 FT3 (1.80 M3) - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF A JOINED RECHARGER® 330XLIHD INTERMEDIATE UNIT SHALL BE 52.213 FT3 (1.478 M3) - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF THE LENGTH ADJUSTMENT AMOUNT PER RUN SHALL BE 11.19 FT3 (1.04 M3) - WITHOUT STONE.
11. THE NOMINAL STORAGE VOLUME OF THE HVLV® FC-24 FEED CONNECTOR SHALL BE 0.913 FT3 / FT (0.026 M3 / M) - WITHOUT STONE.
12. THE RECHARGER® 330XLHD CHAMBER SHALL HAVE FIFTY-SIX DISCHARGE HOLES BORED INTO THE SIDEWALLS OF THE UNIT'S CORE TO PROMOTE LATERAL CONVEYANCE OF WATER.
13. THE RECHARGER® 330XLHD CHAMBER SHALL HAVE 16 CORRUGATIONS.
14. THE END WALL OF THE CHAMBER, WHEN PRESENT, SHALL BE AN INTEGRAL PART OF THE CONTINUOUSLY FORMED UNIT. SEPARATE END PLATES CANNOT BE USED WITH THIS UNIT.
15. THE RECHARGER® 330XLRHD STAND ALONE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO FULLY FORMED INTEGRAL END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS.
16. THE RECHARGER® 330XLSHD STARTER UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL END WALL AND ONE PARTIALLY FORMED INTEGRAL END WALL WITH A LOWER TRANSFER OPENING OF 14 INCHES (356 MM) HIGH X 34.5 INCHES (876 MM) WIDE.
17. THE RECHARGER® 330XLIHD INTERMEDIATE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY OPEN END WALL AND ONE PARTIALLY FORMED INTEGRAL END WALL WITH A LOWER TRANSFER OPENING OF 14 INCHES (356 MM) HIGH X 34.5 INCHES (876 MM) WIDE.
18. THE RECHARGER® 330XLEHD END UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL END WALL AND ONE FULLY OPEN END WALL AND HAVING NO SEPARATE END PLATES OR END WALLS.
19. THE HVLV® FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE RECHARGER® 330XLHD AND ACT AS CROSS FEED CONNECTIONS.
20. CHAMBERS MUST HAVE HORIZONTAL STIFFENING FLEX REDUCTION STEPS BETWEEN THE RIBS.
21. THE CHAMBER SHALL HAVE A RAISED INTEGRAL CAP AT THE TOP OF THE ARCH IN THE CENTER OF EACH UNIT TO BE USED AS AN OPTIONAL INSPECTION PORT OR CLEAN-OUT.
22. THE UNITS MAY BE TRIMMED TO CUSTOM LENGTHS BY CUTTING BACK TO ANY CORRUGATION ON THE LARGE RIB END.
23. THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2015 CERTIFIED FACILITY.
24. MAXIMUM ALLOWABLE COVER OVER THE TOP OF THE CHAMBER SHALL BE 12' (3.66 M).
25. THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.





1 CULTEC RECHARGER 330XLHD SPECIFICATIONS
Scale: 1/2" = 1'-0"

BADALY

BADALY ENGINEERING PLLC
2 Wilson Pl, Mt Vernon, NY 10550

PROJECT: 398 ASHFORD AVENUE
DESCRIPTION: STORMWATER RETENTION
DRYWELL DESIGN

November 10, 2020
1 OF 1
AK CHK'D: SB

SITE STORMWATER DRAINAGE DESIGN

THE FOLLOWING DRAINAGE DESIGN HAS BEEN CALCULATED BASED OFF THE PROCEDURE OUTLINED IN NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL (JANUARY, 2015)

SITE AREAS

	AREA (FT^2)	AREA (AC)
ROOF	0	0.0000
PAVED	948	0.0218
GRASS	0	0.0000
SITE	948	0.0218

PROPOSED IMPERVIOUS SRUFACE:

PAVEMENT	948	S.F.
TOTAL	948	S.F.

MAXIMUM REQUIRED DETENTION VOLUME

ASSUME HYDROLOGIC SOIL GROUP C

TOTAL DRAINAGE AREA (A) =	948.0	SF
TOTAL IMERPVIOUS AREA =	948.0	SF
90TH PERCENTILE RAINFALL (P) =	1.5	IN
PERCENT IMPERVIOUS AREA (I) =	100.00	
Rv = 0.05 + (0.009(I)) =	0.95	
WQv= (P*Rv*A)/12 =	113	SF

SEE FIGURE 4.1:
2015 NYS STORMWATER MANAGEMENT DESIGN MANUAL

TOTAL VOLUME REQUIRED = **113** SF

USE CULTEC RECHARGER 330XLHD RETENTION CHAMBERS:

# OF CHAMBERS =	2	
CHAMBER STORAGE =	52.21	CF
INSTALLED STORAGE =	79.26	CF
TOTAL STORAGE =	158.52	CF

PROPOSED STORMWATER RETENTION CHAMBER VOLUME

V_{TOTAL} = 158.5 CF > 113 CF

OK

BADALY

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2 WILSON PLACE, MT. VERNON, NY 10550
(914) 465-9010
BADALY.COM

ISSUE:

#	DATE	DESCRIPTION

REVISIONS:

#	DATE	DESCRIPTION

PROJECT TITLE:
STORMWATER MANAGEMENT
398 ASHFORD AVE
DOBBS FERRY, NY 10522

BLOCK: 89 LOT: 01

DRAWING TITLE:
SITE SUBSURFACE RETENTION DETAILS

SCALE: AS NOTED
DATE: 11/05/2020
JOB NO: 20222
DRAWN BY: AK
CHECKED BY: SB

SEAL AND SIGNATURE:
STATE OF NEW YORK · SHAWN BADAL · 095887 · LICENSED PROFESSIONAL ENGINEER

DRAWING NO.:
C-001.00

SHEET NO.:
2 OF 2