SOMERS GARAGE

PEAKS ISLAND, PORTLAND, MAINE

CURRENT DRAWING LIST

CODE ANALYSIS

SITE PLAN

SCHEDULES

ROOF PLAN

WEST ELEVATION

EAST ELEVATION

NORTH ELEVATION

SOUTH ELEVATION

BUILDING SECTION

BUILDING SECTION

EXTERIOR DETAILS

ROOF FRAMING

ELECTRICAL PLANS

A 001

A 002

A 003

A 100

A 101

A 102

A 103

A 201

A 202

A 203

A 204

A 301

A 302

A 501

S 101

S 102

S 103

S 201

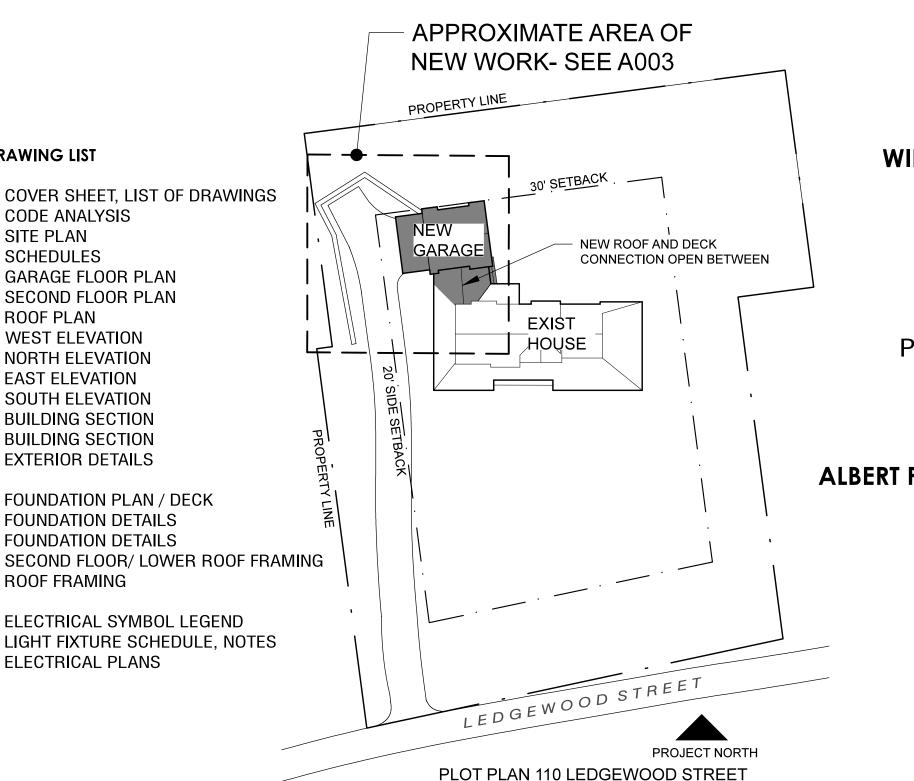
S 202

E 001

E 002

E 101

PERMIT SET 10/05/2018



WINKELMAN ARCHITECTURE

41 UNION WHARF PORTLAND, ME 04101 207/699-2998

DOUG WILBER BUILDER

PEAKS ISLAND, ME 04108 207/272-8763

ALBERT PUTNAM ASSOCIATES LLC 183 PARK ROW BRUNSWICK, ME 04011

207/729-6230

A 001

PROJECT SCOPE:

NEW 18X26 2 STORY GARAGE/WORK ROOM WITH DECK AND ROOF CONNECTION FROM EXISTING HOUSE AND DECK.

LOCAL (PORTLAND) ZONING AND CODE:

ADDRESS: 110 LEDGEWOOD RD, PEAKS ISLAND, MAINE

LOT ID(S): 087 E002, 087 E003, 087 E004 AND 087 E048,087 E049

TAX MAP:

PORTLAND ADOPTED: CITY OF PORTLAND MUNICIPAL CODE (ESPECIALLY CH 4,6,10) MUBEC, 2009 NFPA 101, 2009 NFPA 1

CHAPTER 4 LAND USE:

ZONE: IR-1 (SPLITS ZONES 1R-1 & IR-2; IR-1 MORE RESTRICTIVE)

SHORELAND ZONE:

MIN LOT SIZE: EXISTING LOT AND HOUSE (CODE IS 60,000 SF WITHOUT PUBLIC WATER BUT EXCEPTION 14-433, (A), 3 ALLOWS 10,000 MIN IF LOT OF RECORD JULY 15, 1985)

28,745 SF (OR 28,737 BY CITY RECORDS: 02 = 8,704SF; 03 = 6,194SF; 04 = 2,500SF; 48 = 5,629SF; 49 = 5,710SF0) LOT AREA:

COVERAGE LIMIT: 20% (28,737 X .2= 5,747.4 SF)

COVERAGE PROPOSED: 2,582SF (EXISTING ~1,950SF FOOTPRINT + NEW ~632SF)

SETBACKS: FRONT=30FT; REAR=30FT; SIDE=20FT(FOR 2 STORIES) OR MIN 12FT IF 2FT MORE THAN 14FT ON OTHER "SIDE".

MAX HEIGHT: 35FT

PARKING: PER DIVISION 20

NO ADDITIONAL FIXTURES ADDED SEPTIC: WATER: **EXISTING WELL & NO FIXTURES ADDED ELECTRIC**: NEW UNDER DECK FROM HOUSE

CHAPTER 6 BUILDING AND BUILDING REGULATIONS:

CHAPTER 10 FIRE PREVENTION AND PROTECTION, ARTICLE 1. LIFE SAFETY CODE:

AMMENDMENTS, SECTION 10-3:

STAIRS: (H) RISERS CAN BE UP TO 7 3/4"H; TREADS CAN BE 10"D MIN; STAIR GUARDS CAN BE ONLY 36"H; NOSINGS CAN BE 3/4"- 1 1/4".

SMOKE ALARM: (I) HARD WIRED SMOKE DETECTORS REQUIRED IN PARKING STRUCTURES (GARAGE) (L) CARBON MONOXIDE DETECTORS REQUIRED IN PARKING STRUCTURES (GARAGE) CO2 ALARM:

SPRINKLERS: NOT REQUIRED AS ROOM ABOVE GARAGE NOT A DWELLING UNIT PER PORTLAND ADOPTION OF NFPA 101 2009 EFFECTIVE SEPT 15, 2010

INSULATION TABLE 402.1.1 FOR ZONE 6: FLOOR R-30 MIN., WALLS R-20 MIN., CEILING R-49 MIN.

THIS PROJECT HAS: FLOOR- 1.875" OF DENSE PACKED CELLULOSE AT R4= R47.5; WALL- 5.5" OF DENSE PACKED CELLULOSE AT R4= R22; CEILING (ROOF)- 7.75" (9.25"RAFTERS-1.5" VENT) OF CLOSED CELL URETHANE AT R6.5 = R50.375

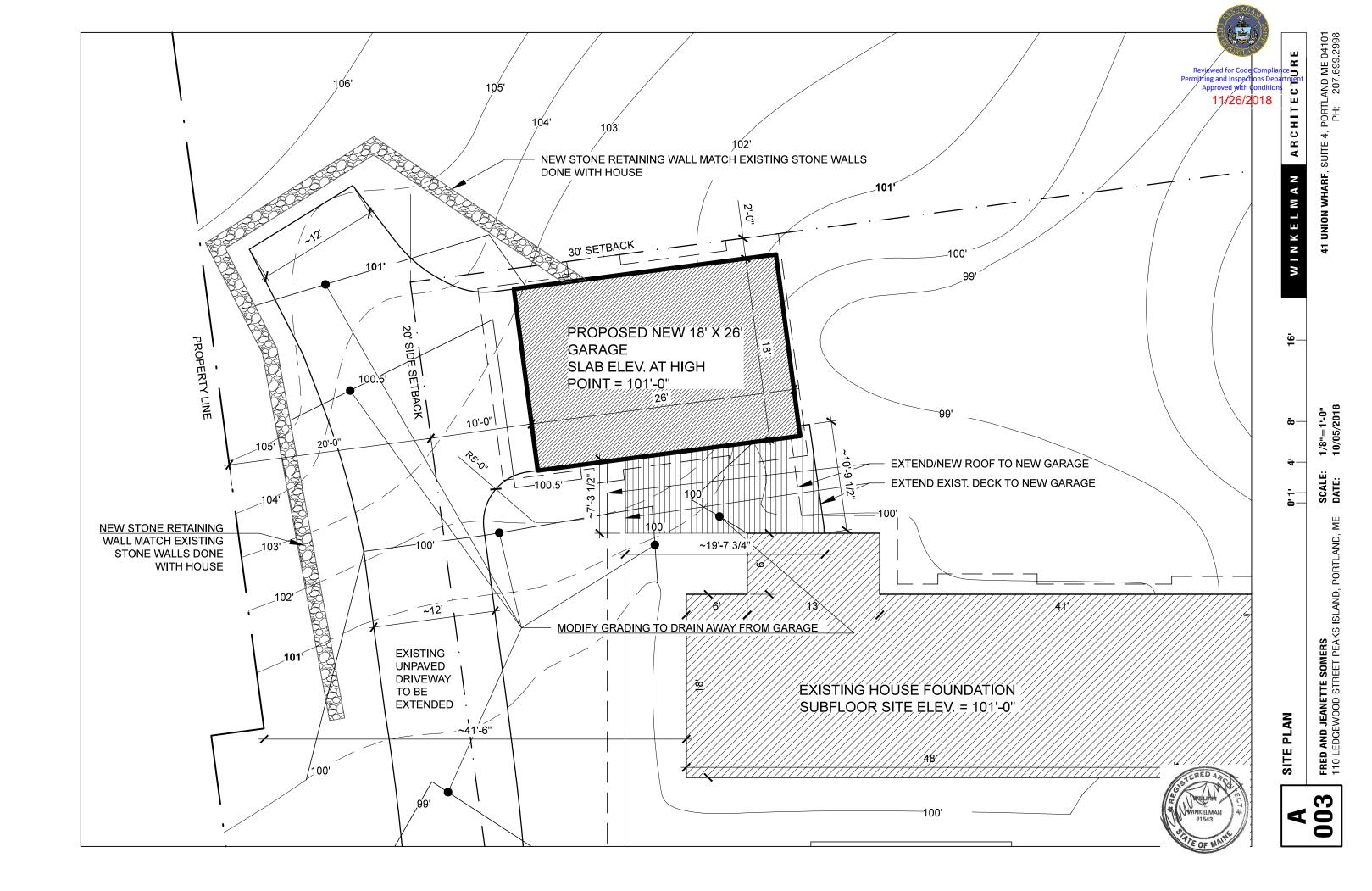
STATE (MAINE) ADOPTED CODES: MUBEC = 2015 IBC, 2015 IRC, 2015 IEBC, 2009 IPMC, 2009 IECC, 2013 ASHRAE 62.1, 62.2, 90.1, 2008 ASTM E-1465



ARCHITECT 11/26/2018 WINKELMAN

Permitting and Inspe

CODE ANALYSIS



ARCHITECTURE

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EXTERIOR DOOR AND WINDOW SCHEDULE

UNIT ON PLAN	UNIT STYLE	MANUFACTURER NUMBER	UNIT ROUGH OPENING WIDTH	UNIT ROUGH OPENING HEIGHT	HEADER HEIGHT FROM SLAB OR SUBFLOOR	MULLING	LITE PATTERN	HINGE SIDE AS VIEWED FROM EXTERIOR	INTERIO R FINISH	JAMB DEPTH	Reviewed for Corpermitting and Inspermitting and Inspermit Approved with 11/26/
FIRST FLOOR											
G-1	OVERHEAD GARAGE DOOR	TBD	14'-0"	7'-0"	7'-0" (FROM SLAB)	N/A	N/A	N/A	PRIMED	N/A	SIMPLE SLAB PANELS TO BE BOARDED OVER BY G.C.
G-2	CASEMENT	CUCA2432	2'-1"	2'-7 3/4"	6'-11" (FROM SLAB)	N/A	4 LITE	RIGHT	PRIMED	0'-6 9/16"	
G-3	CASEMENT	CUCA2432	2'-1"	2'-7 3/4"	6'-11" (FROM SLAB)	N/A	4 LITE	RIGHT	PRIMED	0'-7 9/16"	
G-4	ENTRY DOOR	SIMPSON FIR DOOR	3'-2 1/2"	6'-11"	6'-11" (FROM SLAB)	N/A	4 LITE (SEE ELEV,)	LEFT	FIR	0'-8 9/16"	TEMPERED
G-5	DOUBLE HUNG	CUDH-NG3024	3'-0 1/4"	4'-8"	7'-0" (FROM SLAB)	N/A	2/2	N/A	PRIMED	0'-9 9/16"	TEMPERED (STAIR LOCATION)
G-6	CASEMENT	CUCA2432	2'-1"	2'-7 3/4"	6'-11" (FROM SLAB)	N/A	4 LITE	RIGHT	PRIMED	0'-10 9/16"	
G-7	CASEMENT	CUCA2432	2'-1"	2'-7 3/4"	6'-11" (FROM SLAB)	N/A	4 LITE	RIGHT	PRIMED	0'-11 9/16"	
G-8	CASEMENT	CUCA2432	2'-1"	2'-7 3/4"	6'-11" (FROM SLAB)	N/A	4 LITE	LEFT	PRIMED	1'-0 9/16"	
SEOOND FLOOR											
G-9	DOUBLE HUNG	CUDH-NG3056E	3'-0 1/4"	10'-0"	12'-0"	N/A		N/A	PRIMED		
G-10	(3)AWNING	CUCA4040	* 10'-5"	3'-3 3/4"	5'-3 1/4"	THREE UNITS W/ FACTORY POSTS		ТОР	PRIMED		* 2" STRUCTURAL POST FACTORY MULLED- VERIFY R.O. WIDTH
G-11	DOUBLE HUNG / FIXED TRANSOM	CUDH-NG3024 / CUDHP-NG3086 TRANSOM	3'-0 1/4"	12'-8"	11'-0"	TWO UNITS MULLED		N/A	PRIMED		TEMPERED LOWER UNIT (STAIR LOCATION)
G-12	DOUBLE HUNG		3'-0 1/4"	4'-8"	7'-0"	N/A		N/A	PRIMED		TEMPERED (STAIR LOCATION)
G-13	(3)AWNING	CUCA4040	* 10'-5"	3'-3 3/4"	5'-3 1/4"	THREE UNITS W/ FACTORY POSTS		TOP	PRIMED		* 2" STRUCTURAL POST FACTORY MULLED- VERIFY R.O. WIDTH
ROOF											
G-14,15, 16,17	SKYLIGHT- FIXED	VELUX FS M08	2'-6 9/16"	4'-6 15/16"		N/A	N/A	N/A			4 SEPARATE SKYLIGHTS MUST HAVE 0.55 U FACTOR MAX. PER IECC.

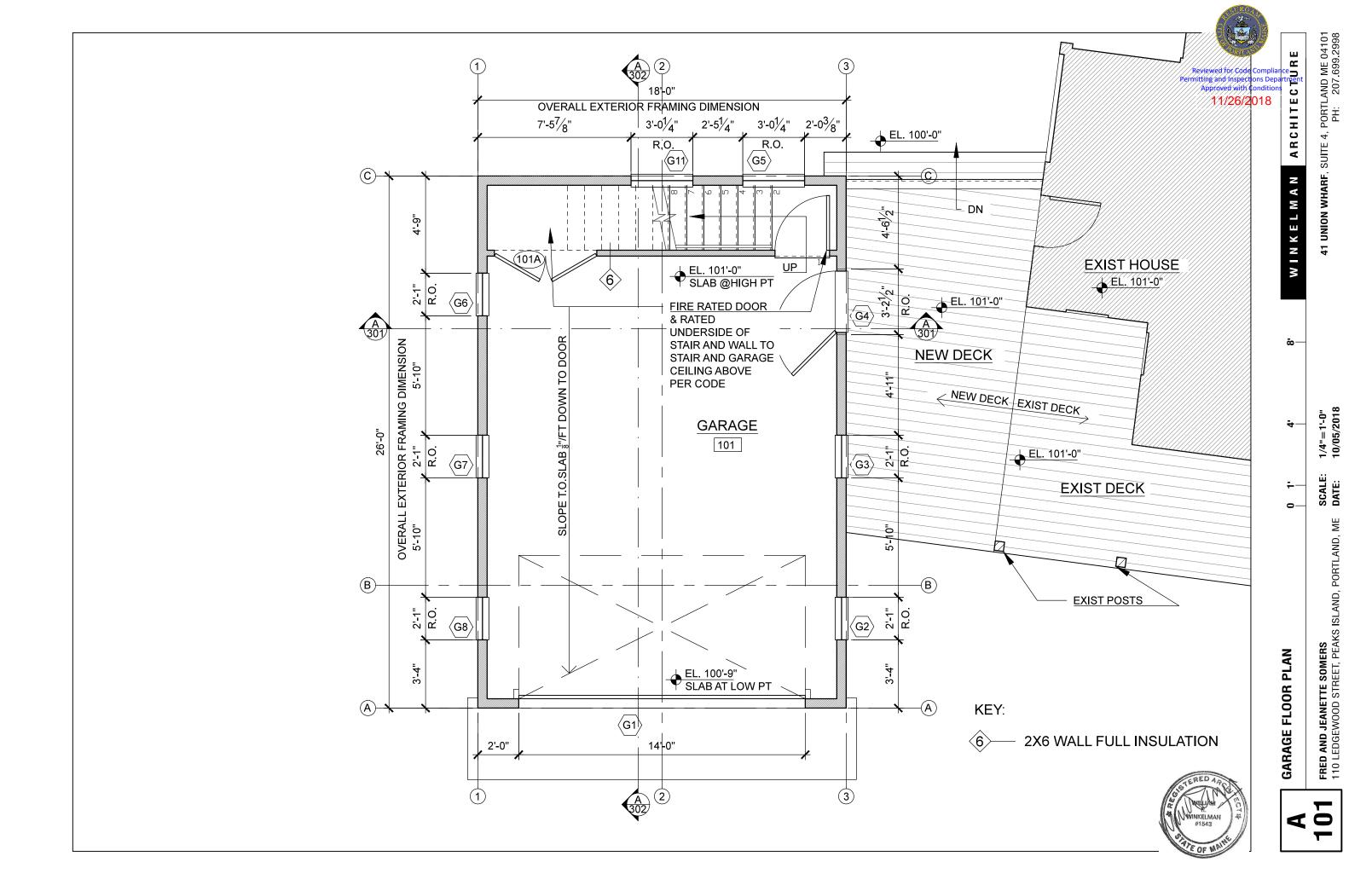
WINDOW NOTES:

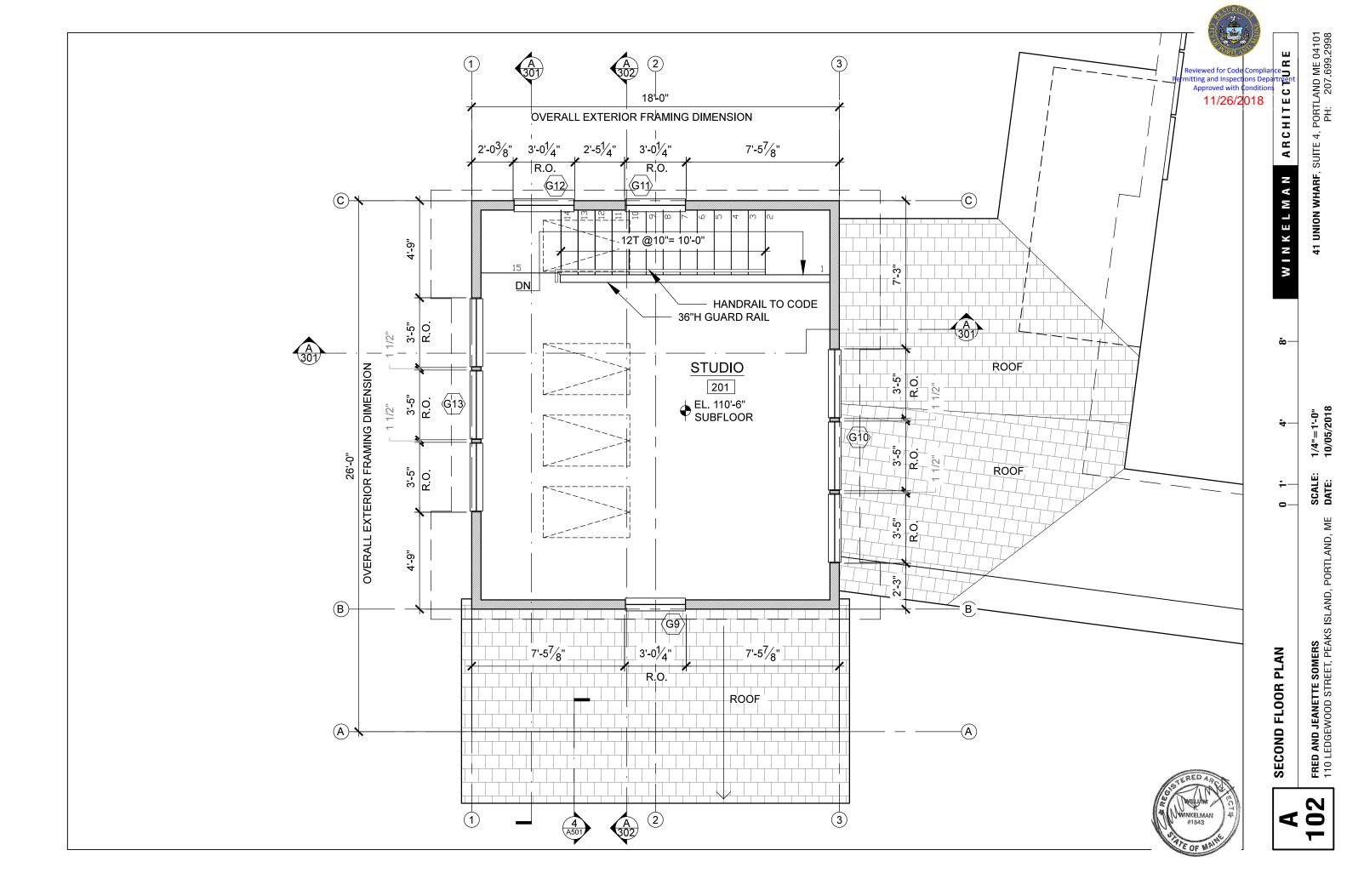
- 1. ALL WINDOW UNITS TO BE MARVIN ULTIMATE SERIES. CLAD ULTIMATE DOUBLE-HUNG, CASEMENTS, AWNINGS, TRANSOMS.
- 2. DOUBLE-GLAZED, INSULATED, LOW-E II GLASS. SDL WITH SPACER BAR.
- 3. ALL UNITS TO BE PRIMED INTERIOR UNLESS NOTED OTHERWISE. CLAD EXTERIOR COLOR EVERGREEN
- 4. ALL SCREENS TO BE HIGH TRANSPARENCY, PRIMED WOOD FRAME.
- 5. EXTENSION JAMS AS NOTED.
- 6. SATIN NICKEL HARDWARE.

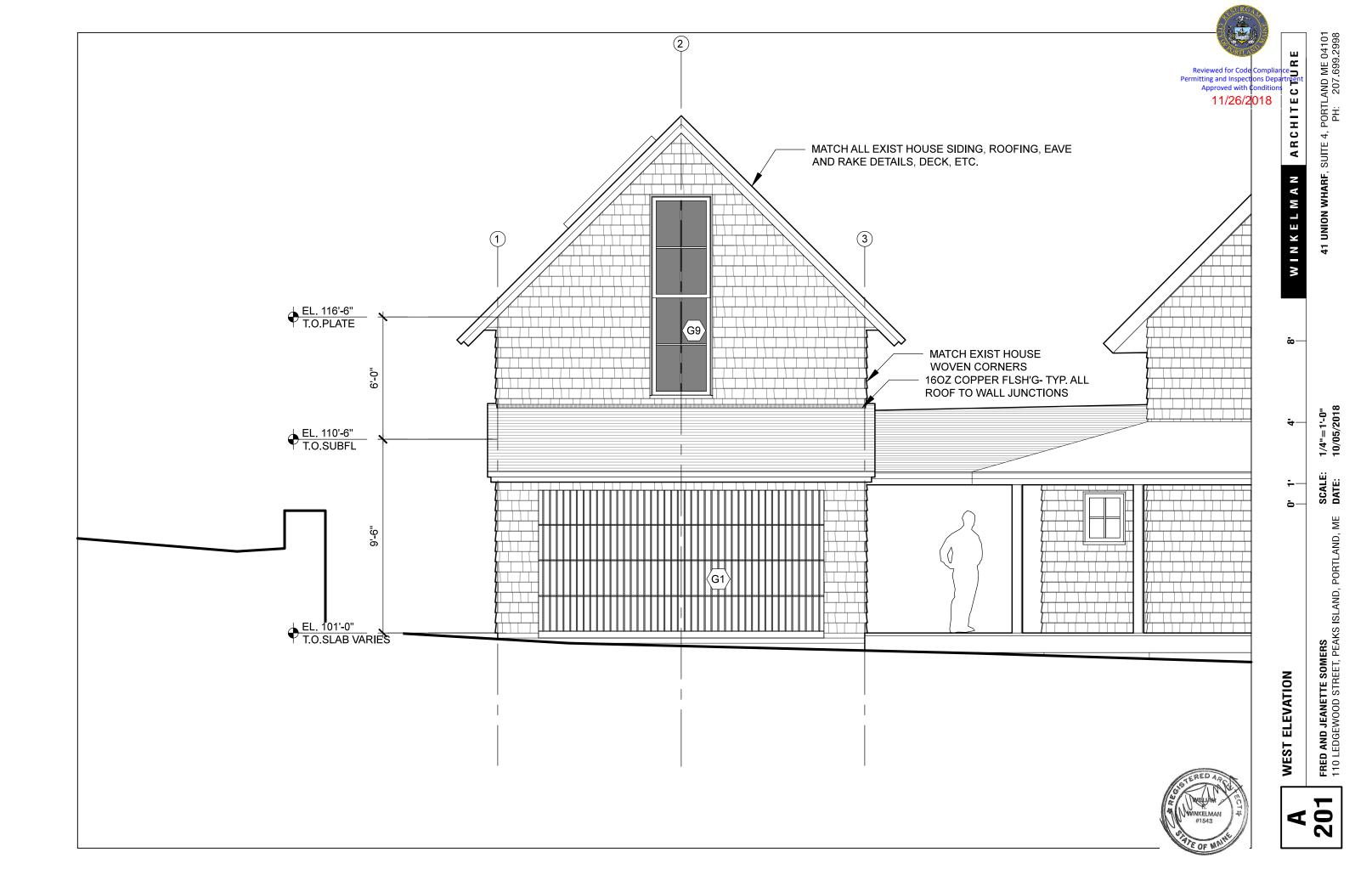
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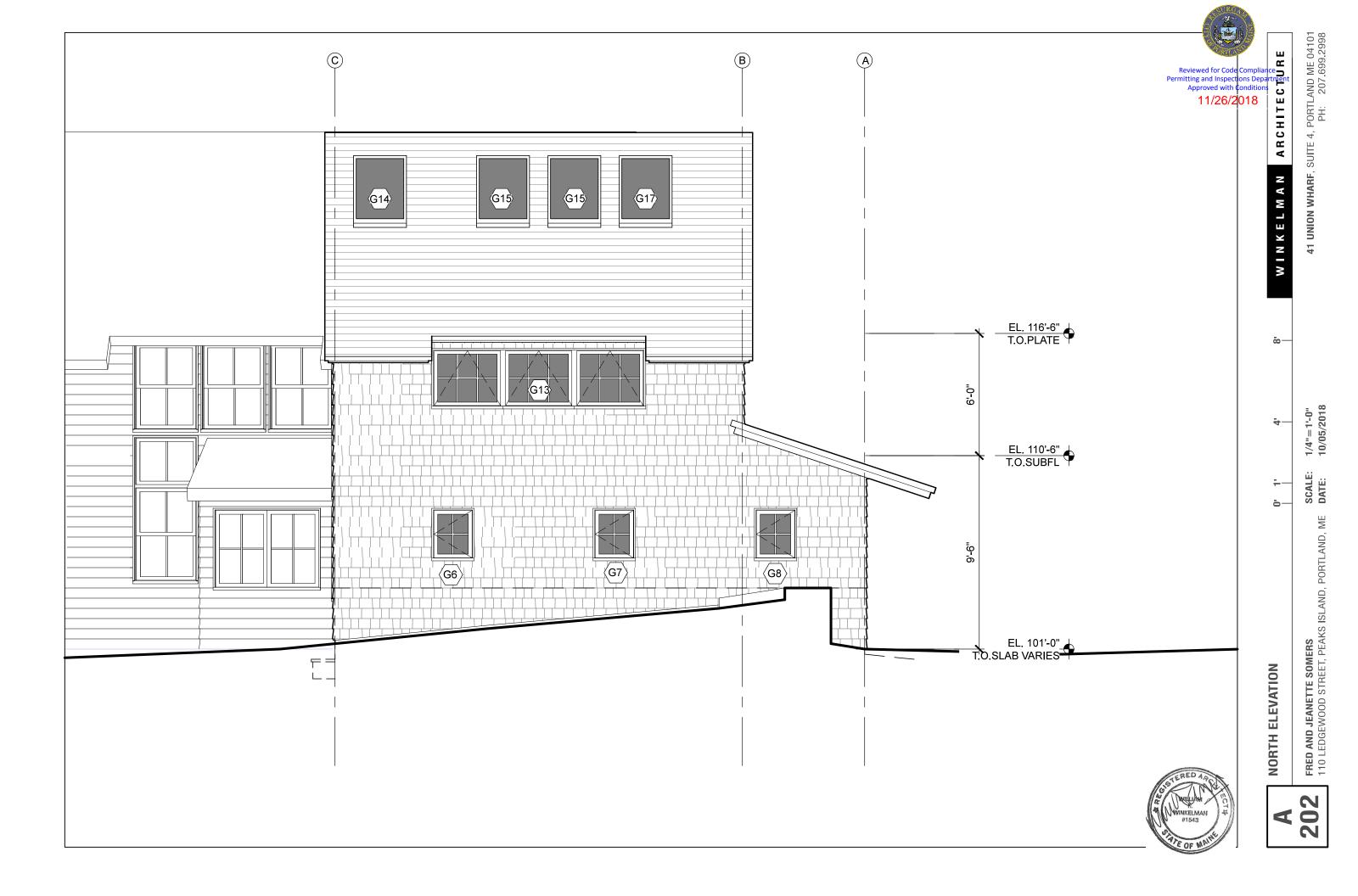
- 1. ALL SKYLIGHT UNITS TO BE VELUX DECK MOUNTED FIXED.
- 2. VERIFY OPTIONS WITH ARCHITECT.

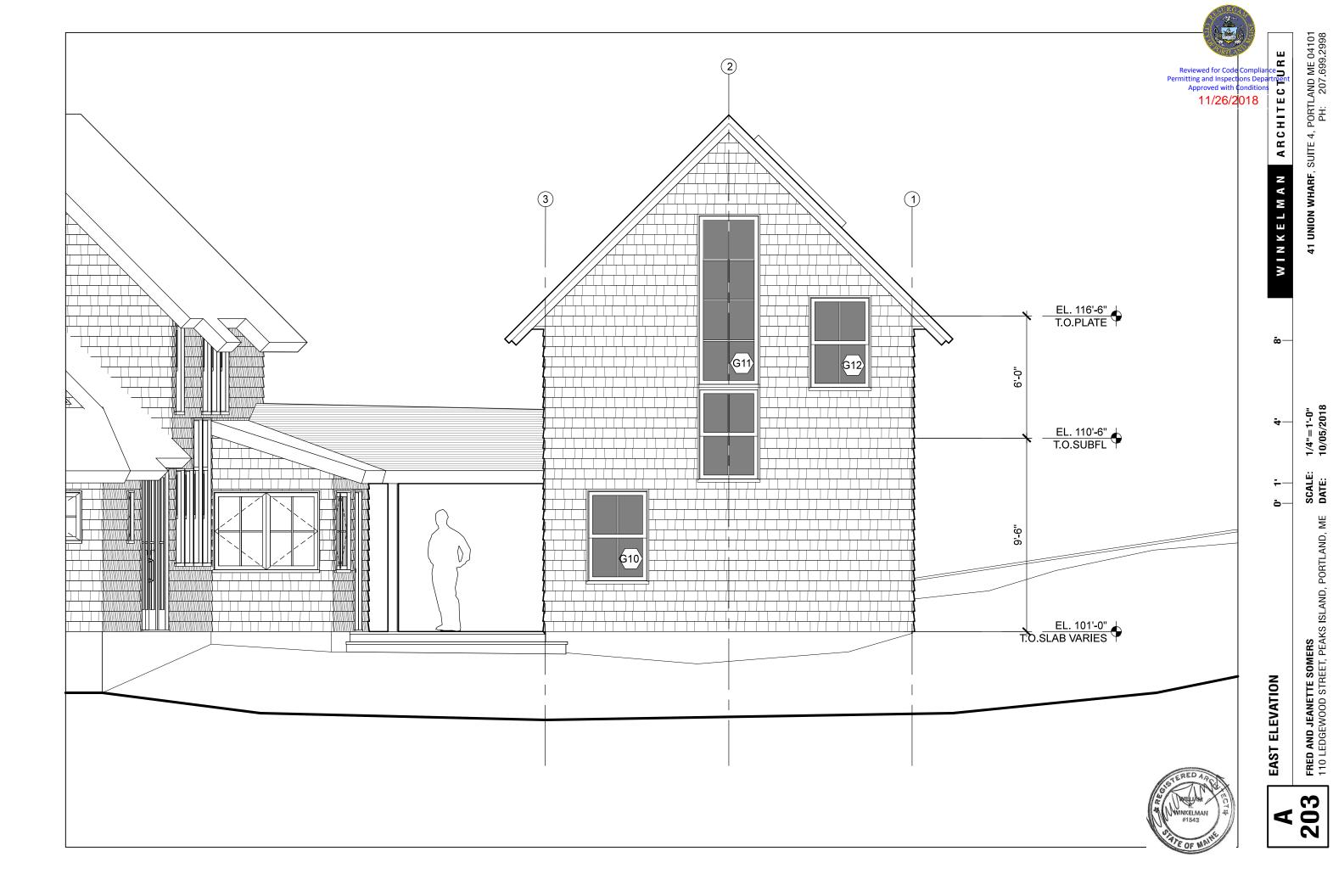


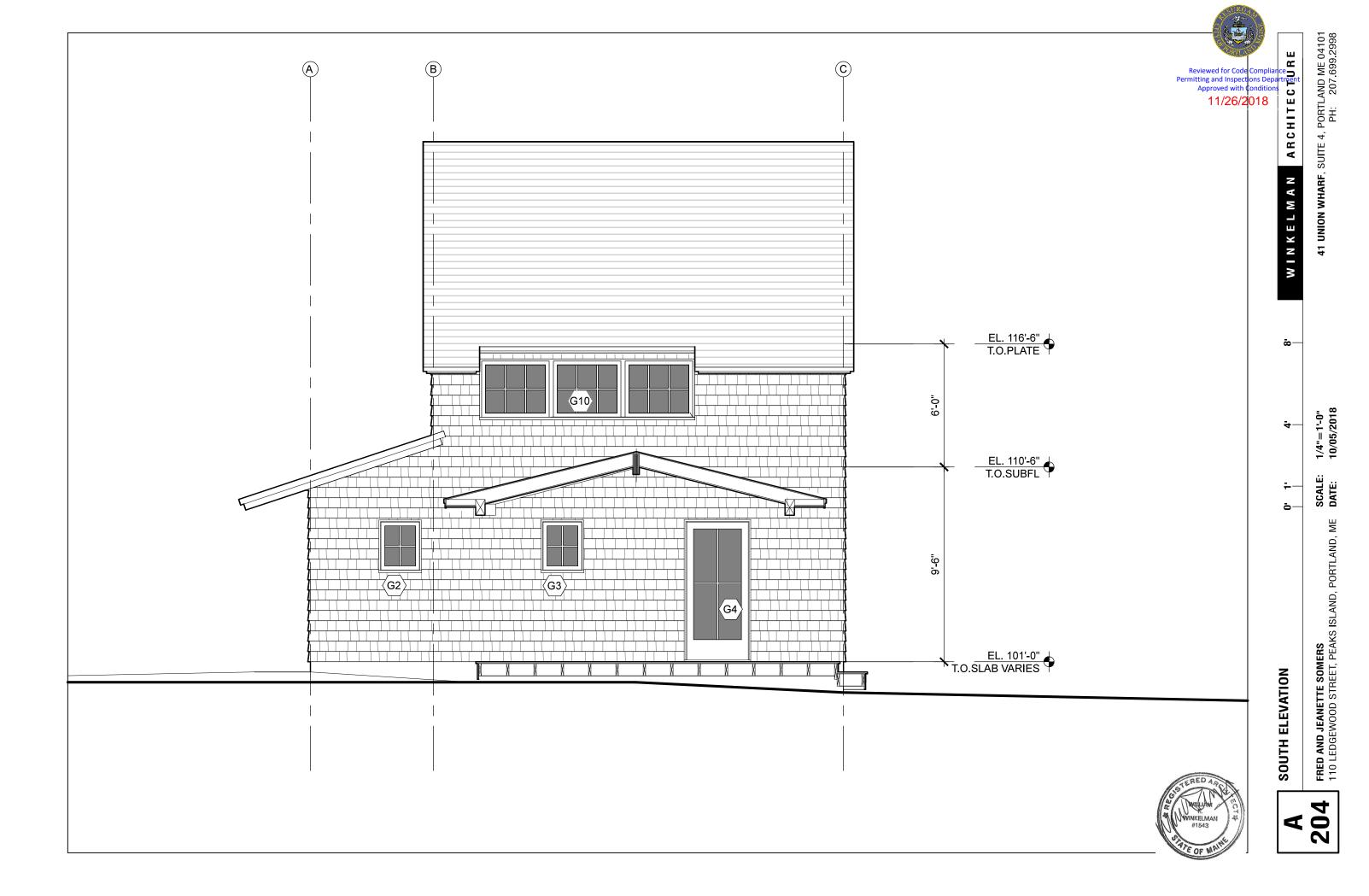


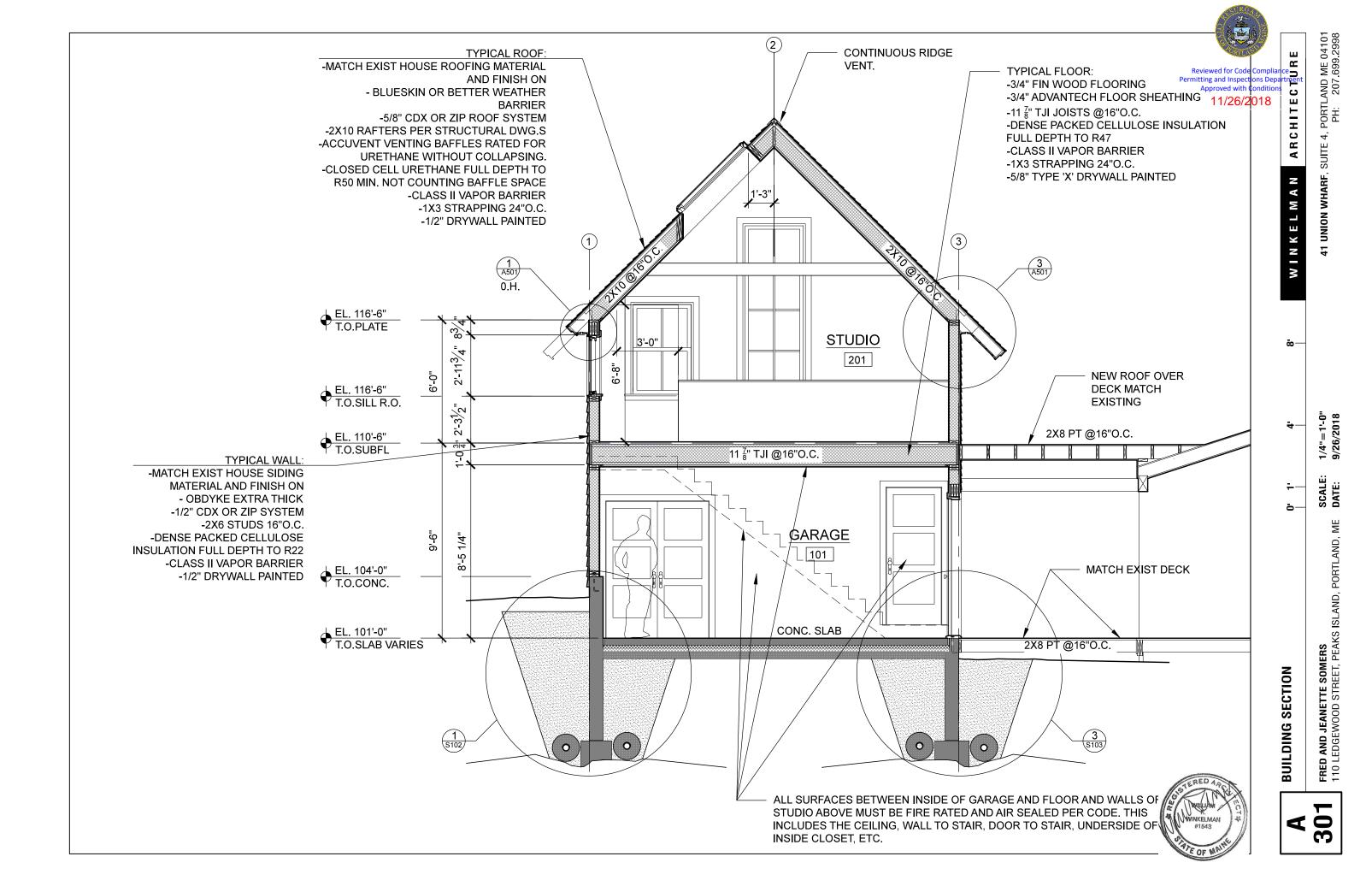


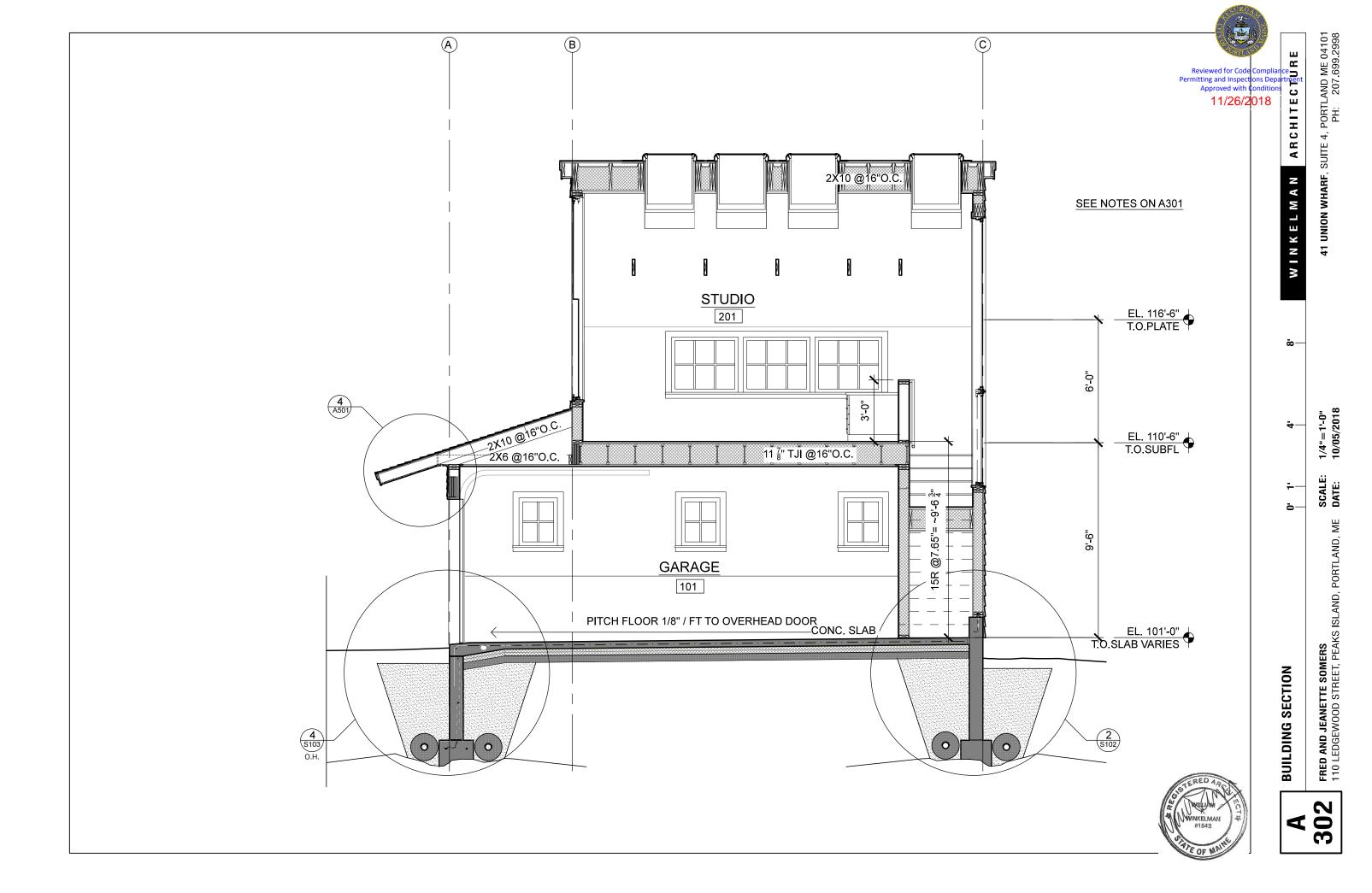


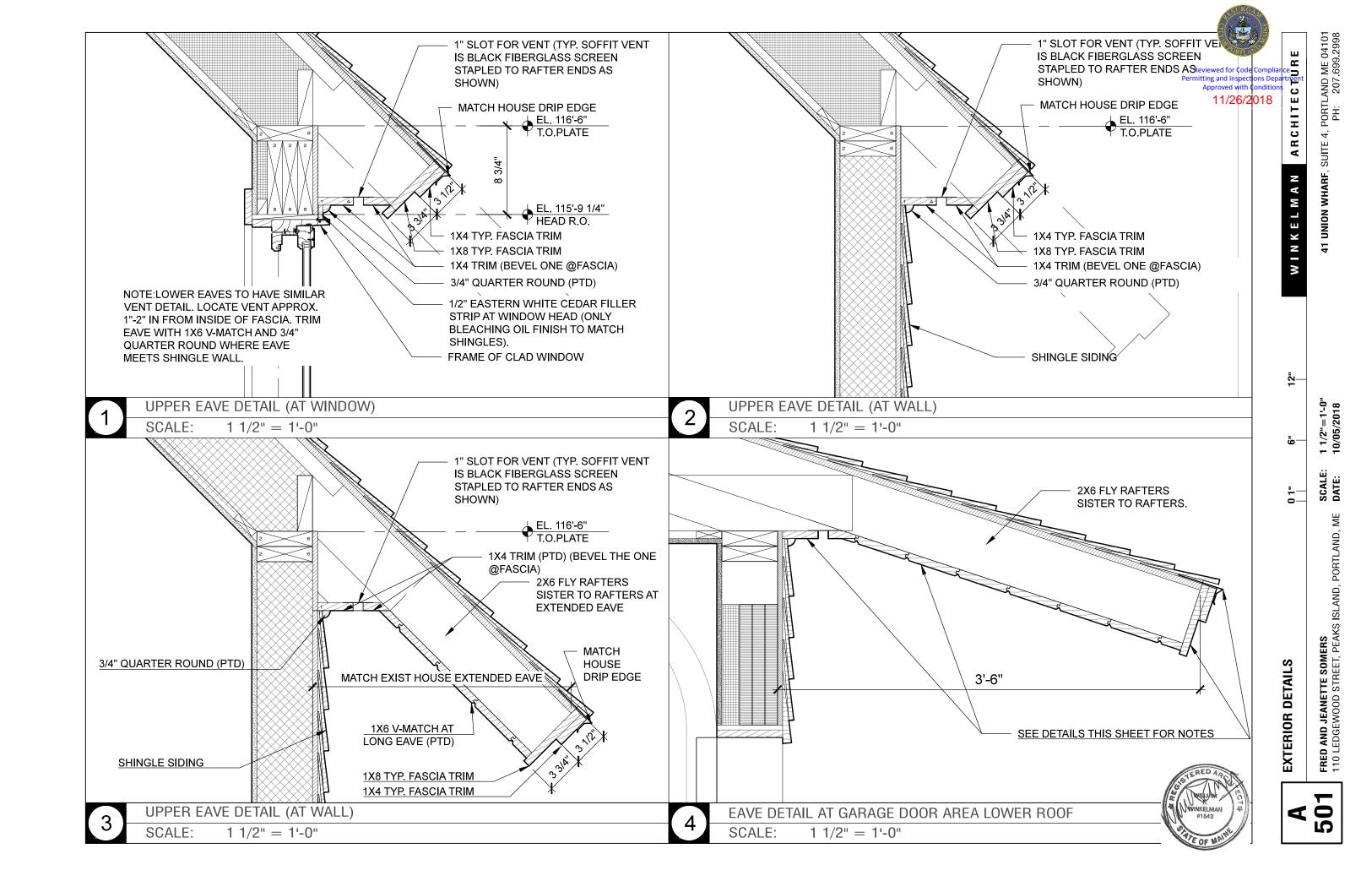


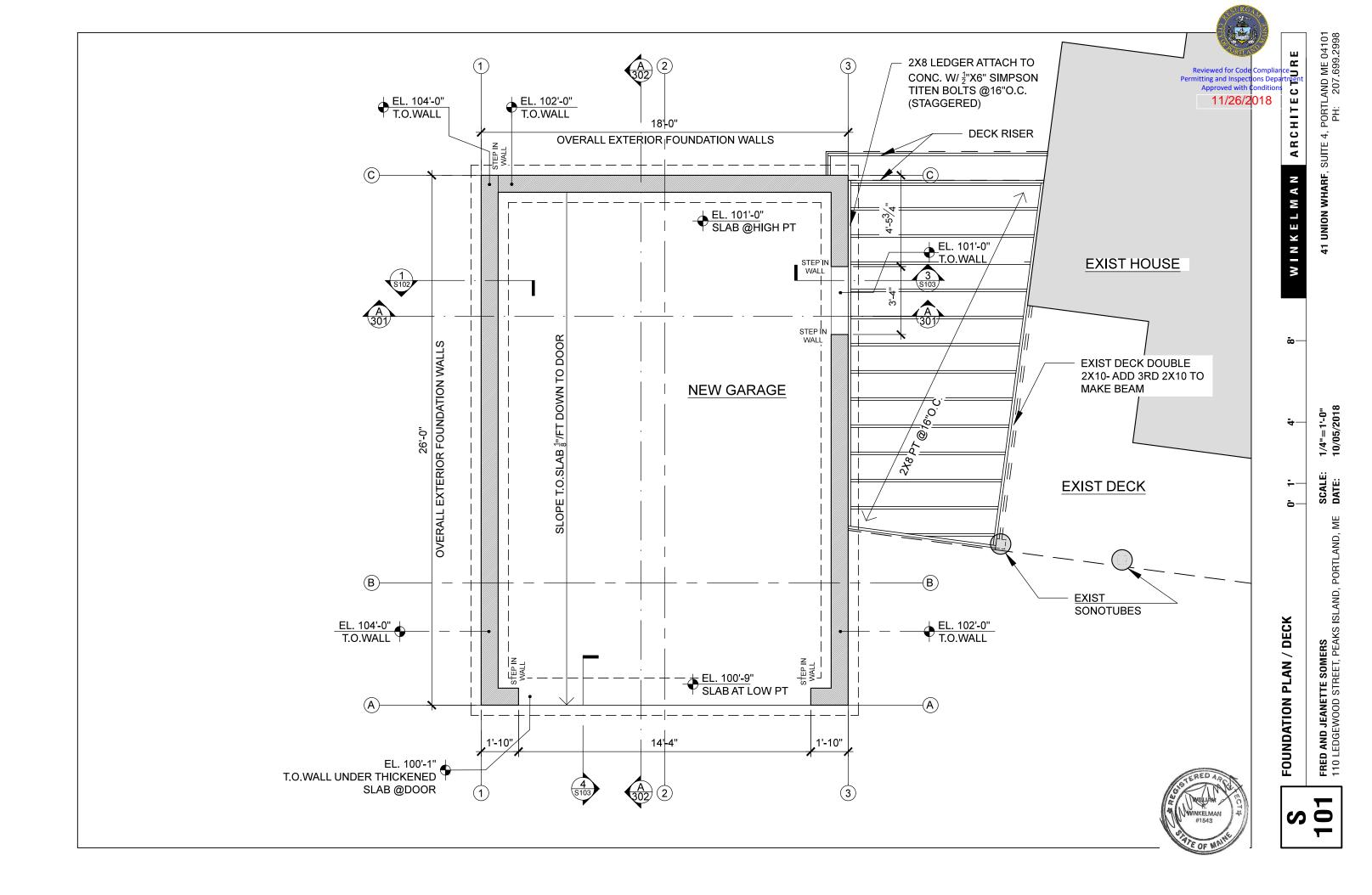


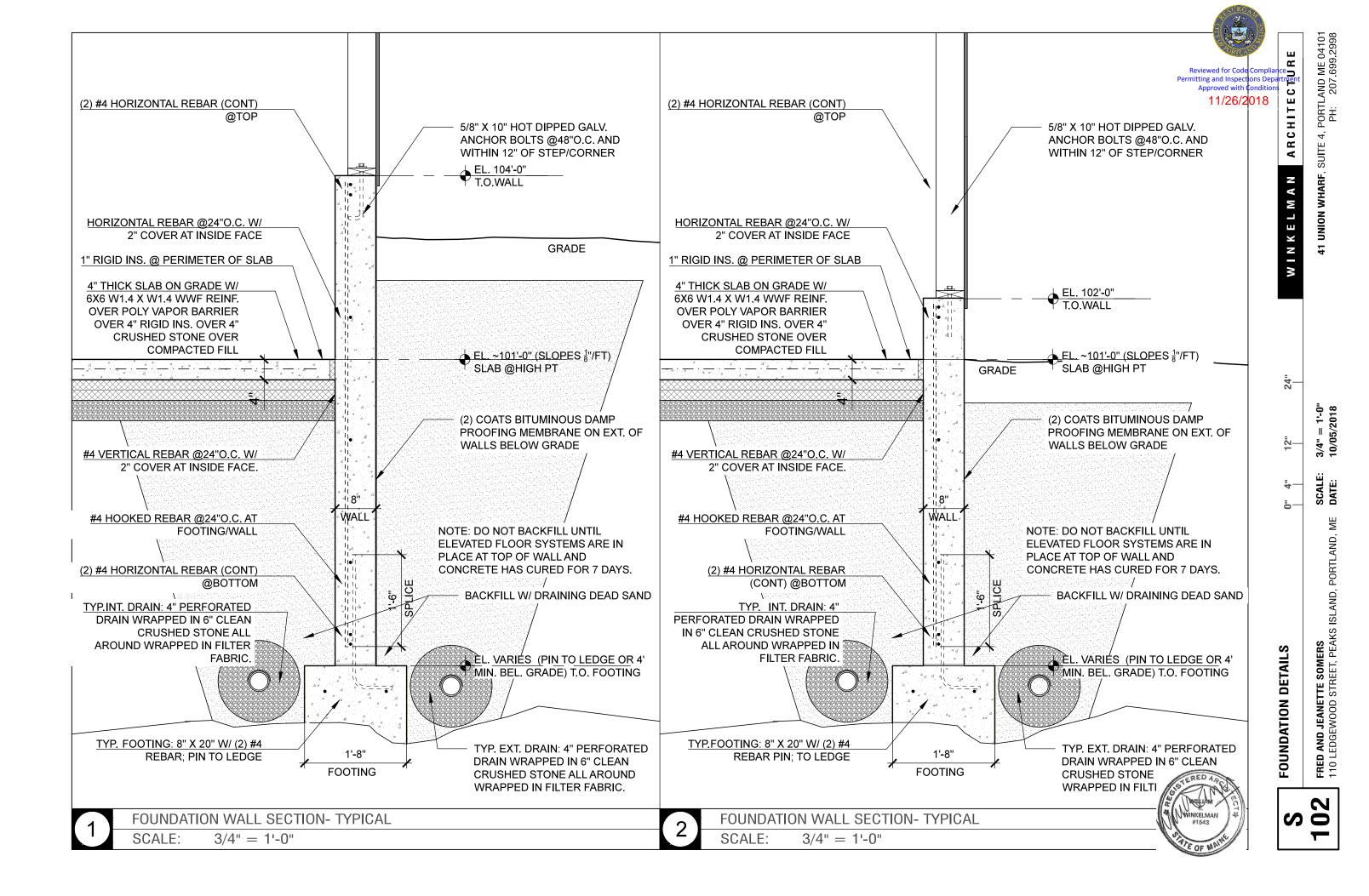


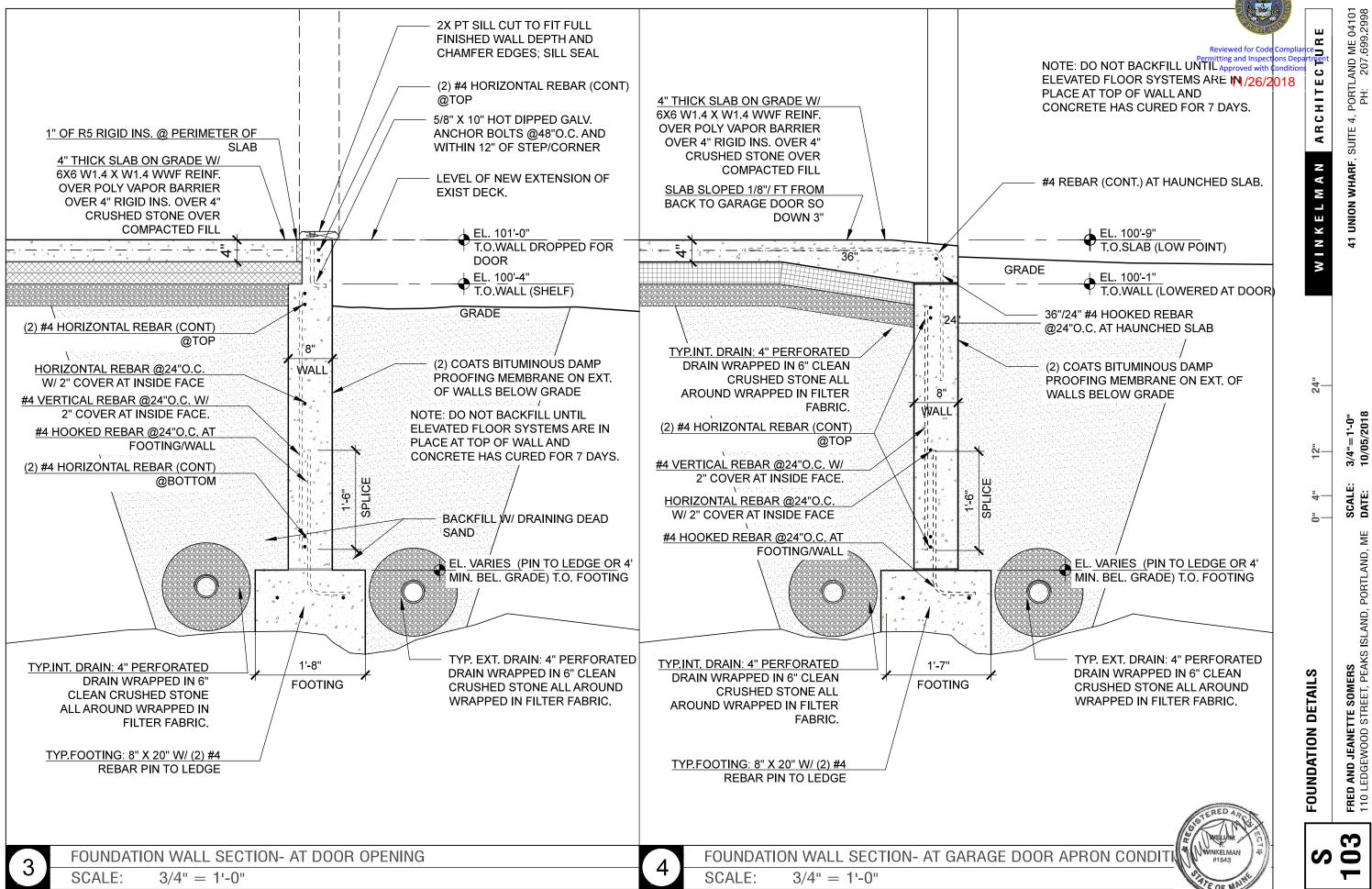




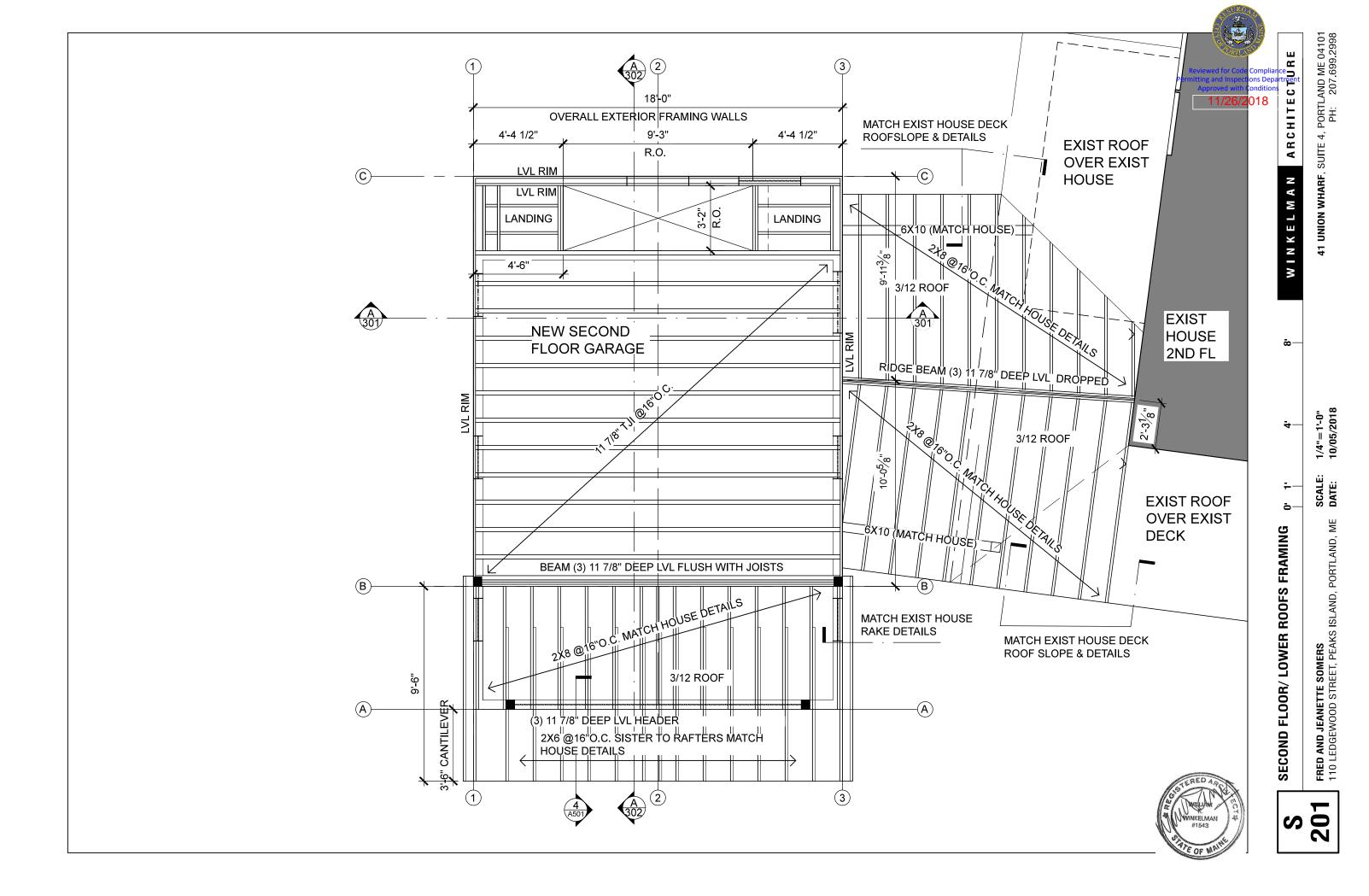


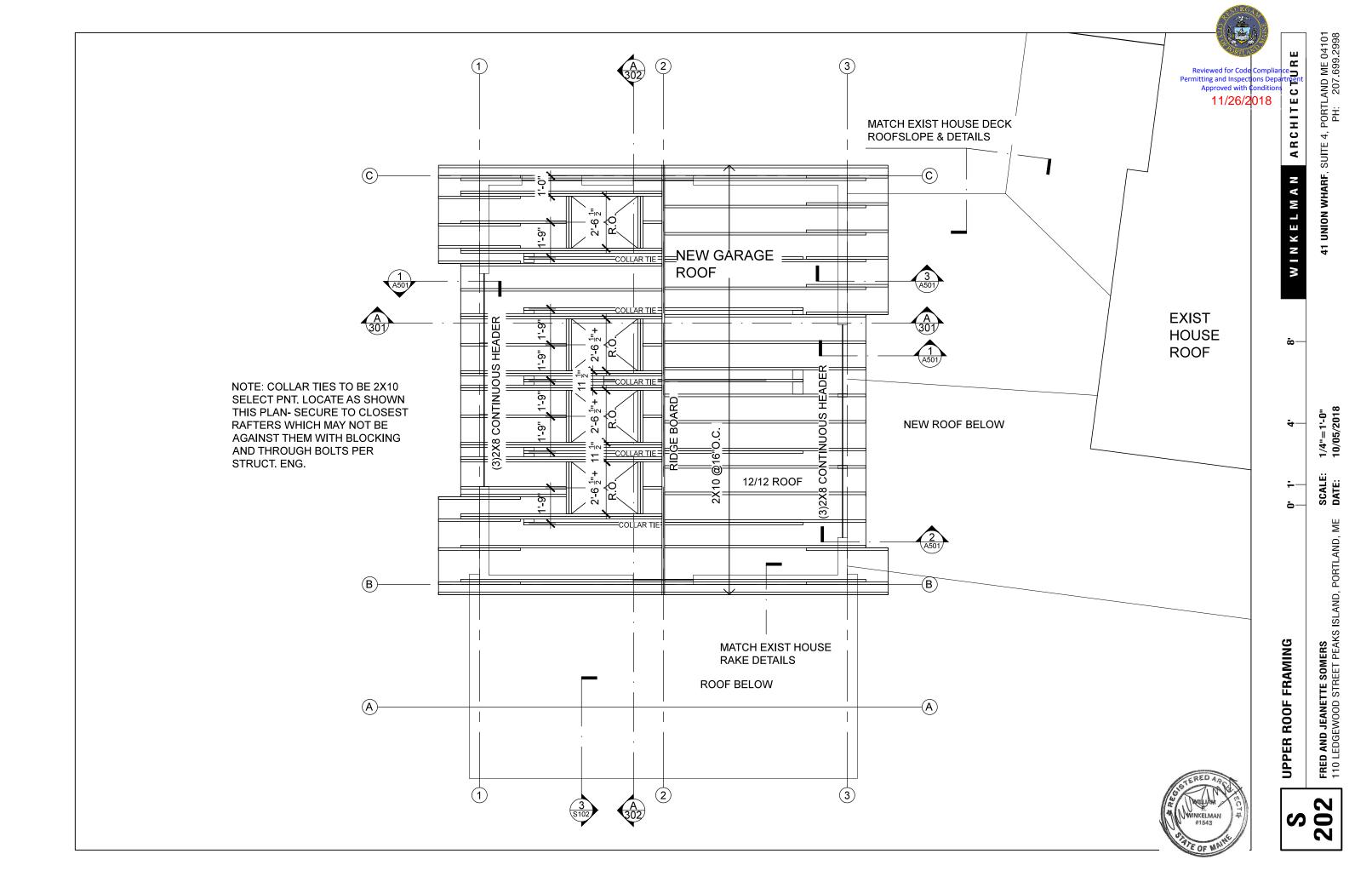






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SYMBOL LEGEND

ELECTRICAL LEGEND Permitting and Inspe ELECTRICAL PANEL -A-RECESS MOUNTED CEILING LIGHT FIXTURE WITHProved with **EXISTING SWITCH TO REMAIN** LETTER KEY +**EXISTING RECEPTICAL TO REMAIN NEW SWITCH LEGEND: NEW RECEPTICAL LEGEND:** SURFACE MOUNTED LIGHT FIXTURE WITH LETTER 3 = 3 WAY SWITCH -(A)--⊘ 4 = 4 WAY SWITCH GFI = GROUND FAULT CIRCUIT INTERRUPT 5 = 5 WAY SWITCH WP = WEATHERPROOF CONSTRUCTION 48 = 48 INCHES ABOVE FLOOR WP = WEATHERPROOF CONSTRUCTION WEATHERPROOF CONSTRUCTION SURFACE () SSR = SURGE SUPRESSED RECEPTICAL D = DIMMER MOUNTED LIGHT FIXTURE WITH LETTER KEY ISOG = ISOLATED GROUND RECEPTICAL \ **NEW SWITCH** \bowtie HB-**NEW DUPLEX RECEPTICAL** WALL MOUNTED LIGHT FIXTURE WITH LETTER KEY MOTION DETECTOR SWITCH WALL MOUNTED M+**NEW QUAD RECEPTICAL** WEATHERPROOF CONSTRUCTION WALL MOUNTED HM_{WP} WEATHERPROOF MOTION DETECTOR SWITCH \vdash NEW RECEPTICAL WITH ONE PLUG WIRED TO A LIGHT FIXTURE WITH LETTER KEY SWITCH 000 GARAGE DOOR OPERATOR WITH INTEGRATED **OVERHEAD LIGHT** \bowtie 220 VOLT OUTLET FLOOR WASHER RECESSED LOW WALL LIGHT **DOOR BELL** FIXTURE WITH LETTER KEY $H \bullet$ $\models \bigcirc_{\mathbb{R}}$ **DEDICATED REFRIGERATOR OUTLET** HΤ **THERMOSTAT** \mathbb{H}_{s} DEDICATED STOVE OUTLET HA-wp WEATHERPROOF FLOOR WASHER RECESSED LOW SMOKE/HEAT ALARM CEILING MOUNTED HARD WALL LIGHT FIXTURE WITH LETTER KEY \bowtie_{DW} DEDICATED DISHWASHER OUTLET WIRED \bowtie_{w} **DEDICATED WASHER OUTLET** CO2 ALARM CEILING MOUNTED HARD WIRED SURFACE MOUNTED FLUORESCENT TUBE $HO_{\mathbf{D}}$ DEDICATED DRYER OUTLET **UNDER CABINET DOWNLIGHT** \bowtie_{HW} DEDICATED HOT WATER HEATER OUTLET $\vdash \triangleleft$ DATA OUTLET **CLOSET MOTION SENSITIVE DOWNLIGHT** $\vdash \triangleleft$ TV CABLE OUTLET TRACK LIGHTING \vdash PHONE OUTLET FAN THROUGH WALL FAN DEMO (PULL WIRING OUT WHEN **REMOVING**) **FAN CEILING MOUNTED EXISTING RECEPTICAL TO BE** STOVETOP FAN \bowtie **REMOVED EXISTING SWITCH TO BE** REMOVED (X)- **EXISTING WALL MOUNTED LIGHT** TO BE REMOVED **EXISTING RECESSED MOUNTED**

LIGHT TO BE REMOVED

LIGHT FIXTURE SCHED, NOTES

LIGHTING FIXTURE SCHEDULE							
SYMBOL	COUNT	MANUFACTURER	MODEL#	NAME	COLOR	HEIGHT	Reviewed for Code Con Permitting and Inspections REMARKS Approved with Cond 11/26/201
0		TBD	TBD	TBD	TBD		
<u> </u>		TBD	TBD	TBD	TBD		
HA		TBD	TBD	TBD	TBD		
HA- WP		TBD	TBD	TBD	TBD		
⊢®– WP		TBD	TBD	TBD	TBD		
		TBD	TBD	TBD	TBD		
		TBD	TBD	TBD	TBD		
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TBD

TBD

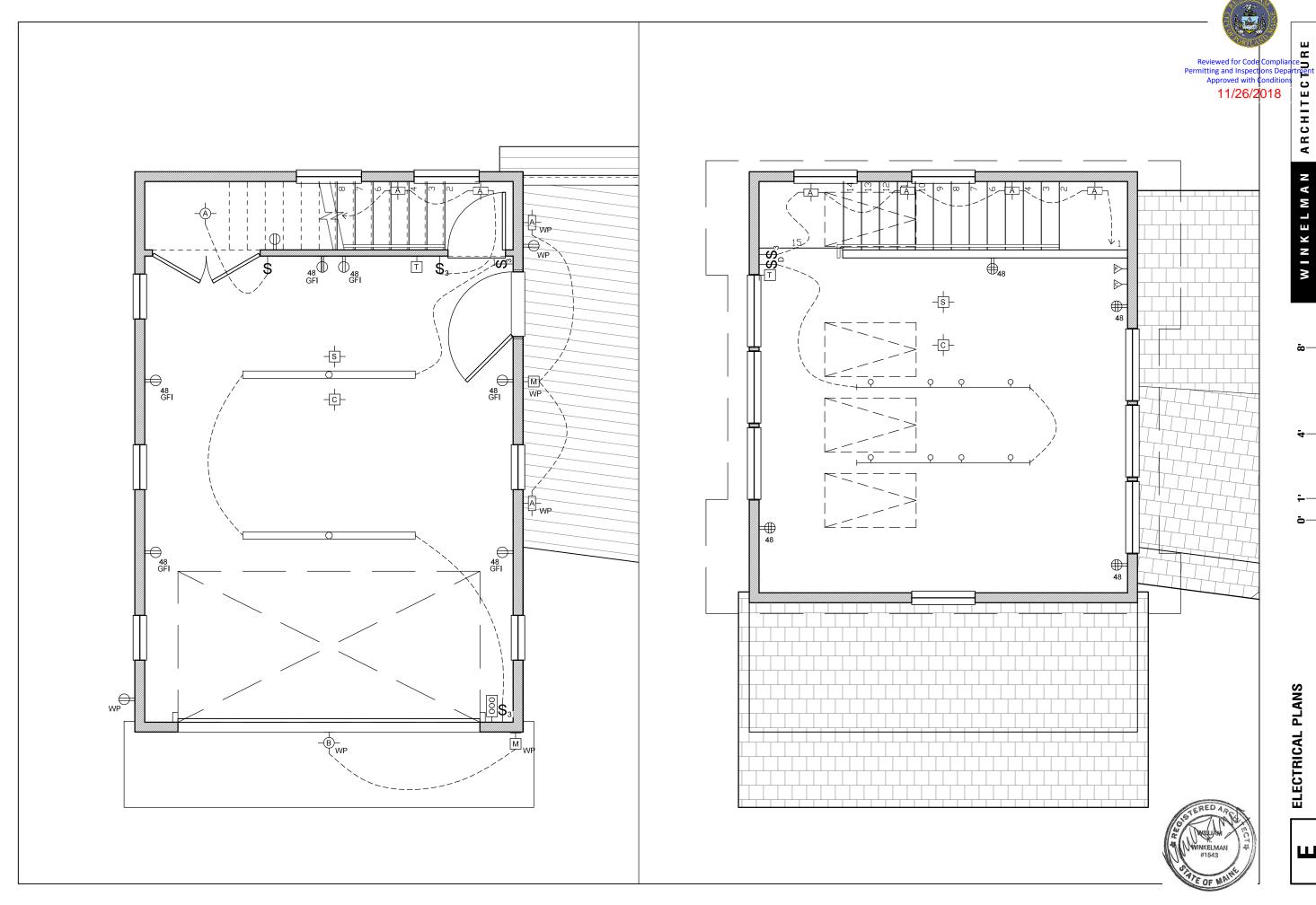
TBD

NOTES:

TBD

- 1. TURN OFF ALL ELECTRICAL NECESSARY PRIOR TO DEMOLITION AND PERFORM ALL NECESSARY WORK THEN TO ENSURE PROJECT GOALS.
- 2. FIELD VERIFY ALL EXISTING CONDITIONS.
- 3. ALL ELECTRICAL WORK TO CONFORM TO ALL LOCAL, STATE AND NATIONAL CODES.
- 4. ALL DIMMING AND CONTROLS TO BE LUTRON ROCKER TYPE SWITCHES 'DIVA', COLOR WHITE.
- 5. ALL WALLPLATES AND COORDINATING PLATES ETC FOR ALL OUTLETS, RECEPTICALS, SWITCHES, ETC. USED IN PROJECT TO BE LUTRON 'DIVA' COLOR WHITE AND MATCHING LUTRON PRODUCTS.
- 6. COORDINATE TRIMLESS LIGHTS WITH DRYWALL CONTRACTOR TO MAKE SURE MUDDING AROUND LIGHT IN CEILING HAPPENS WHEN MUDDING DRYWALL.





E 101

ELECTRICAL PLANS

FRED AND JEANETTE SOMERS 110 LEDGEWOOD STREET PEAKS ISLAND, PORTLAND, ME

SCALE: Date:

1/4"=1'-0" 10/05/2018

41 UNION WHARF, SUITE 4, PORTLAND ME 04101 PH: 207.699.2998

ARCHITECTURE

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