

Infiltration System Design

Job Number: 2013.035
 Project Name: 55 Asheville Road
 Project Location: Hyde Park, MA
 Description: Leaching Drainage
 Date: 1/30/2014

STORAGE VOLUME

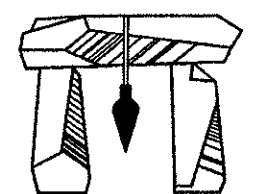
Number of Culvert Chamber Rows = 2	Depth (Stone, Below Drywell) = 1.00	Chamber Typ.	C.F. / Chamber
Number of Culvert Chamber Columns = 1	Depth (Stone, Side Drywell) = 1.00	Recharger 150	2.65
Width of Chamber = 4.83	Percent Voids in Stone = 30%	Recharger 280	6.08
Length of Chamber = 7	Impervious Area = 1326	Recharger 330	7.48
		Recharger V8	8.93
Volume in Stone Below Field =	35.86 c.f.		
Volume in Stone On Side of Field =	33.12 c.f.		
Volume in Stone =	68.98 c.f.		
Volume in Chambers =	52.22 c.f.		
Total Drywell Volume =	121.20 c.f.		
Required Volume to be Stored	110.50 c.f.	(1"12" per ft. x 2079 s.t.)	
Volume Comparison	TRUE	Checks o.k.	

LEGEND:

- ⊙ EXISTING SEWER MANHOLE
- ⊙ EXISTING DRAIN MANHOLE
- ⊙ PROPOSED DRAIN MANHOLE
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- ⊗ GAS VALVE
- ☆ LIGHT POLE
- ELECTRIC HAND HOLE
- ✕ WATER SERVICE CONNECTION
- ◆ EXISTING FIRE HYDRANT
- ⊞ PROPOSED WATER METER

WARD 18 PARCEL 08514020 ACCOUNT # TO BE ESTABLISHED
 LAND USE CODE: R-1 RESIDENTIAL ONE FAMILY

DeCELLE



BURKE

& Associates, Inc.
 149 Independence Avenue Quincy, MA 02169
 (617) 405-5100 (O) (617) 405-5101 (F)
 WWW.DECELLE-BURKE.COM

GENERAL NOTES:

1. ALL WORK TO BE AS PER BOSTON WATER & SEWER COMMISSION STANDARD SPECIFICATIONS.
2. WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5' OF COVER AND ALL TRENCHING, BACKFILLED AND PAVEMENT PATCHING SHALL CONFORM TO CITY STANDARDS. PROPOSED WATER SERVICES AND TAP TO BE SUPPLIED BY THE CONTRACTOR. THE METER TO BE SUPPLIED BY B.W.S.C.
3. THE B.W.S.C. SHALL PROVIDE ONE METER PER STREET CONNECTION FOR UP TO A 2" METER. OTHER METERS TO BE SUPPLIED BY THE OWNERS.
4. PIPE MATERIALS SHALL BE AS FOLLOWS:
 A. SEWER AND DRAIN ON SITE TO BE PVC ASTM D-3034-SDR-35
 B. WATER TO BE TYPE K COPPER
 C. FIRE PIPE TO BE DCL CL 55
5. A DYE TEST WILL BE PERFORMED BY A B.W.S.C. INSPECTOR BEFORE THE STRUCTURE IS OCCUPIED.
6. EXISTING UTILITIES SHOWN ON THIS PLAN ARE COMPILED FROM RECORD PLANS AND APPROXIMATE FIELD LOCATION AND THEREFORE ARE NOT CERTIFIED FOR CONSTRUCTION. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL NOTIFY DIGSAFE @ 1-888-344-7233 FOR ACTUAL SITE MARKING. STATE LAWS REQUIRE A MINIMUM OF 72 HOUR NOTICE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION AND INVERTS PRIOR TO CONSTRUCTION.
7. THIS PLAN HAS BEEN PREPARED FOR APPROVAL OF WATER, SEWER AND DRAIN CONNECTIONS TO THE B.W.S.C. FACILITIES. IT IS UNDERSTOOD THAT THE RESPONSIBILITY OF THE OWNERSHIP AND MAINTENANCE OF THE CONNECTIONS ON PRIVATE PROPERTY AND/OR PRIVATE AND PUBLIC WAYS, SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND/OR THE OWNERS. IF THE CONNECTIONS CROSS OR ARE NEAR PROPERTY LINES, PROVISIONS MUST BE MADE TO ALLOW EACH OTHER TO MAINTAIN OR RECONSTRUCT THEIR RESPECTIVE CONNECTIONS. THIS FACT MUST BE INCORPORATED INTO ANY PURCHASE AND SALES AGREEMENT AND DEEDS RELATED TO THE TRANSFER OF OWNERSHIP OF THE PROPERTIES.
8. A ROUGH CONSTRUCTION SIGN-OFF SHALL BE OBTAINED FROM THE CITY OF BOSTON INSPECTIONAL SERVICES DEPARTMENT. TWENTY FOUR HOUR ADVANCE NOTICE IS REQUIRED FOR INSPECTION SCHEDULING. IF THE INSPECTION DATE IS SCHEDULED ON THE WEEKEND, HOLIDAYS OR AFTER REGULAR WORK HOURS, AND THE CONTRACTOR FAILS TO NOTIFY THE B.W.S.C. INSPECTORS OF CANCELLATION IN ADVANCE, AN ADDITIONAL INSPECTION FEE WILL BE CHARGED TO THE CONTRACTOR WHEN THE JOB IS SUBSEQUENTLY RESCHEDULED.
9. ALL ROOF DRAINS SHALL BE DISCHARGED INTO A RECHARGE FACILITY.
10. UTILITY STATION 0+00 IS LOCATED AT THE P.C. MONUMENT OF GOFF STREET AND ASHEVILLE ROAD INTERSECTION.
11. ANTICIPATED FLOW: 110 G.P.D. x 3 BEDROOMS = 330 G.P.D.
12. SURVEY INFORMATION SHOWN PROVIDED TOOMEY & MUNSON, INC.
13. LOT OWNER: GRANITE MANOR LLC
 16 WATER STREET
 BRAINTREE, MA 02184

FOR BOSTON WATER & SEWER COMMISSION USE ONLY

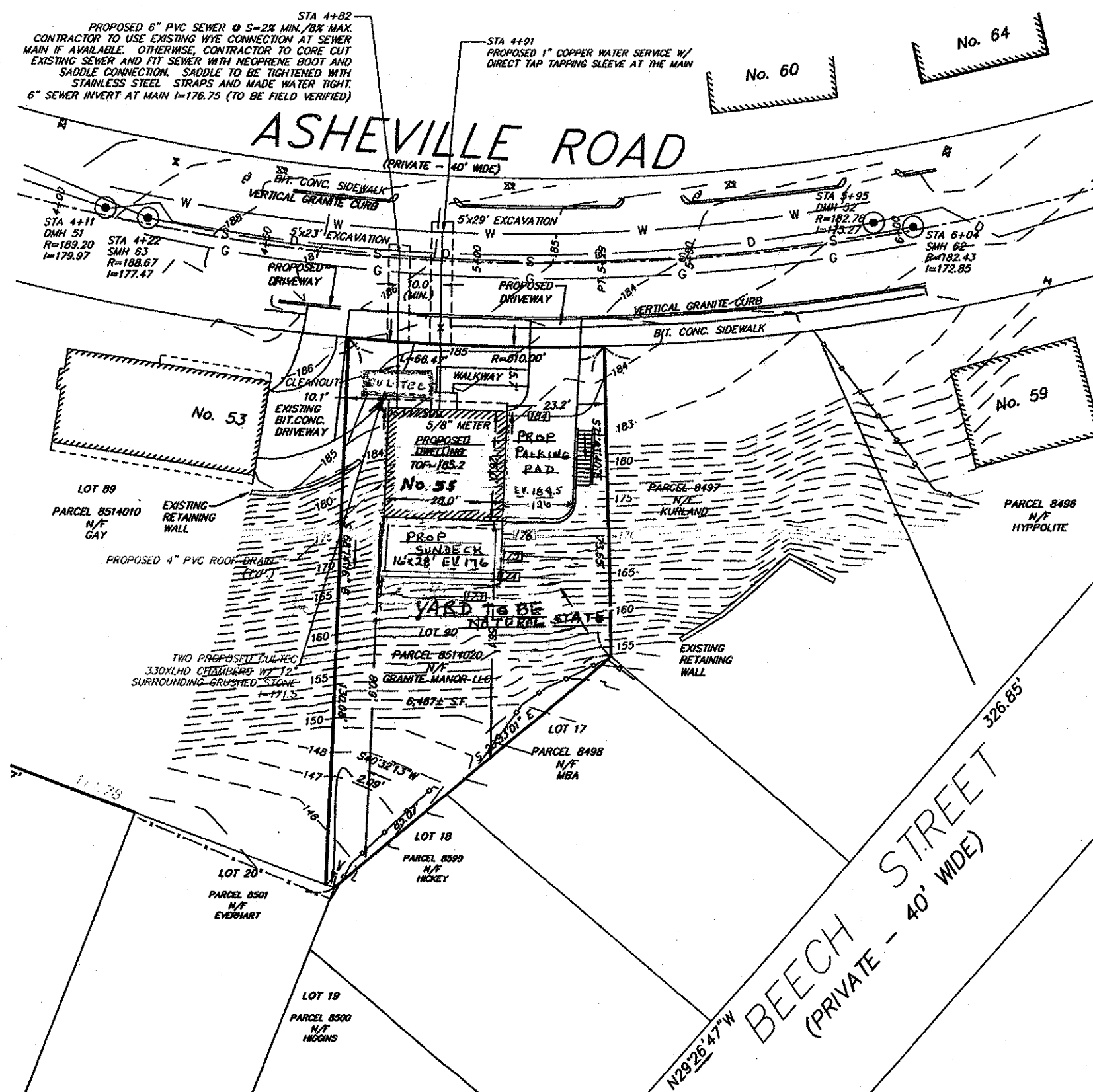
ROUGH CONSTRUCTION

6" PVC SEWER SERVICE INSTALLATION INSPECTION

1" WATER SERVICE INSTALLATION INSPECTION

CULTEC CHAMBER INSTALLATION INSPECTION

DYE TEST



DEED REFERENCE: CERT. #125133
 BOOK 621 PAGE 133
 PLAN REFERENCE: #26207-H
 CITY OF BOSTON BENCHMARK: RIM OF SMH 82
 EL. 182.85
 BOSTON CITY BASE

PROJECT TITLE & LOCATION:
 BOSTON WATER & SEWER
 CONNECTION PLAN
 FOR
 LOT 90 ASHEVILLE ROAD
 HYDE PARK, MA 02136

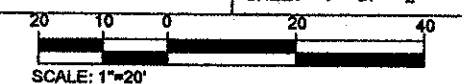
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 SITE PLAN # XXXXXX

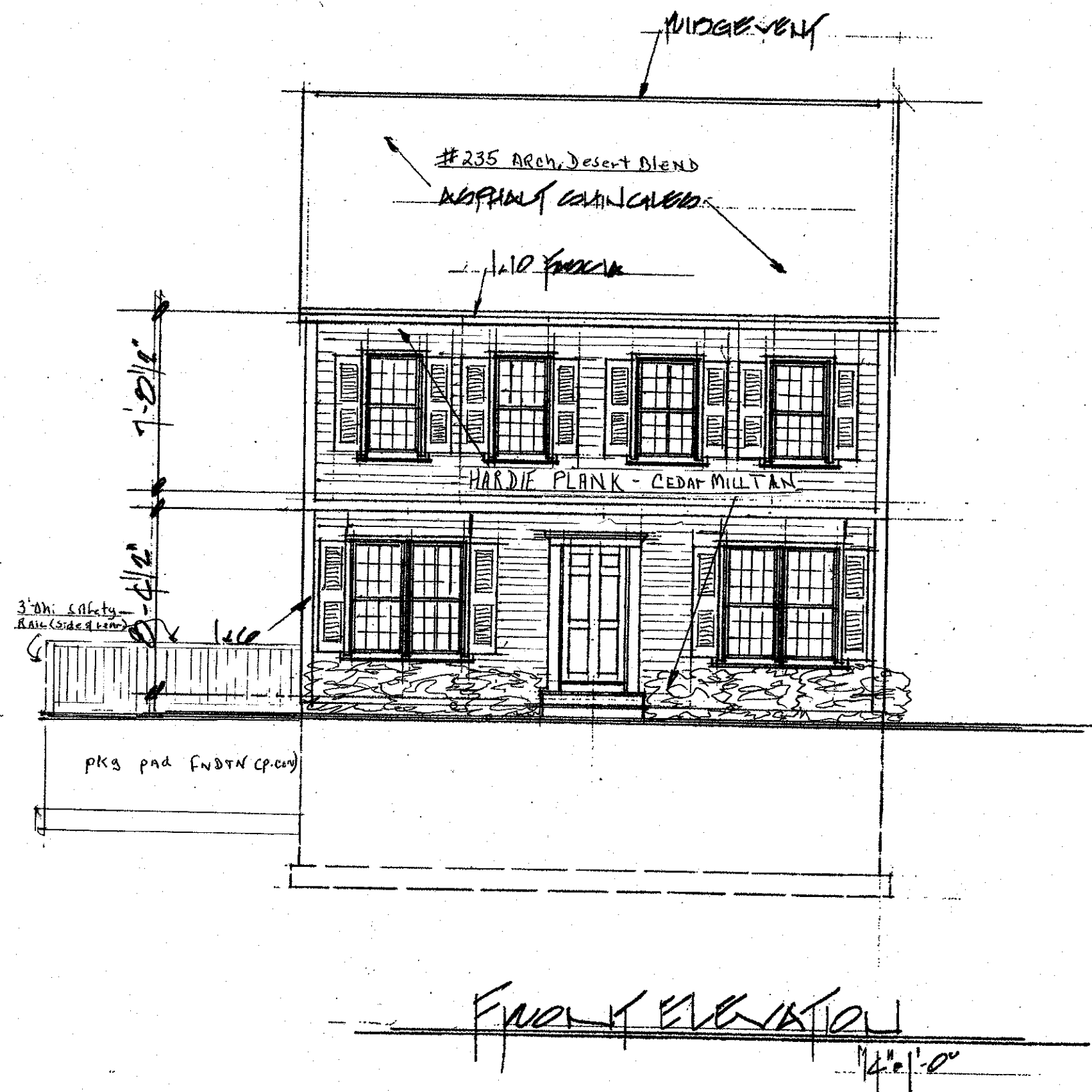
PREPARED FOR:
 CHARLIE DOWNING
 16 WATER STREET
 BRAINTREE, MA 02184
 617-645-8433

DATE: JANUARY 31, 2014

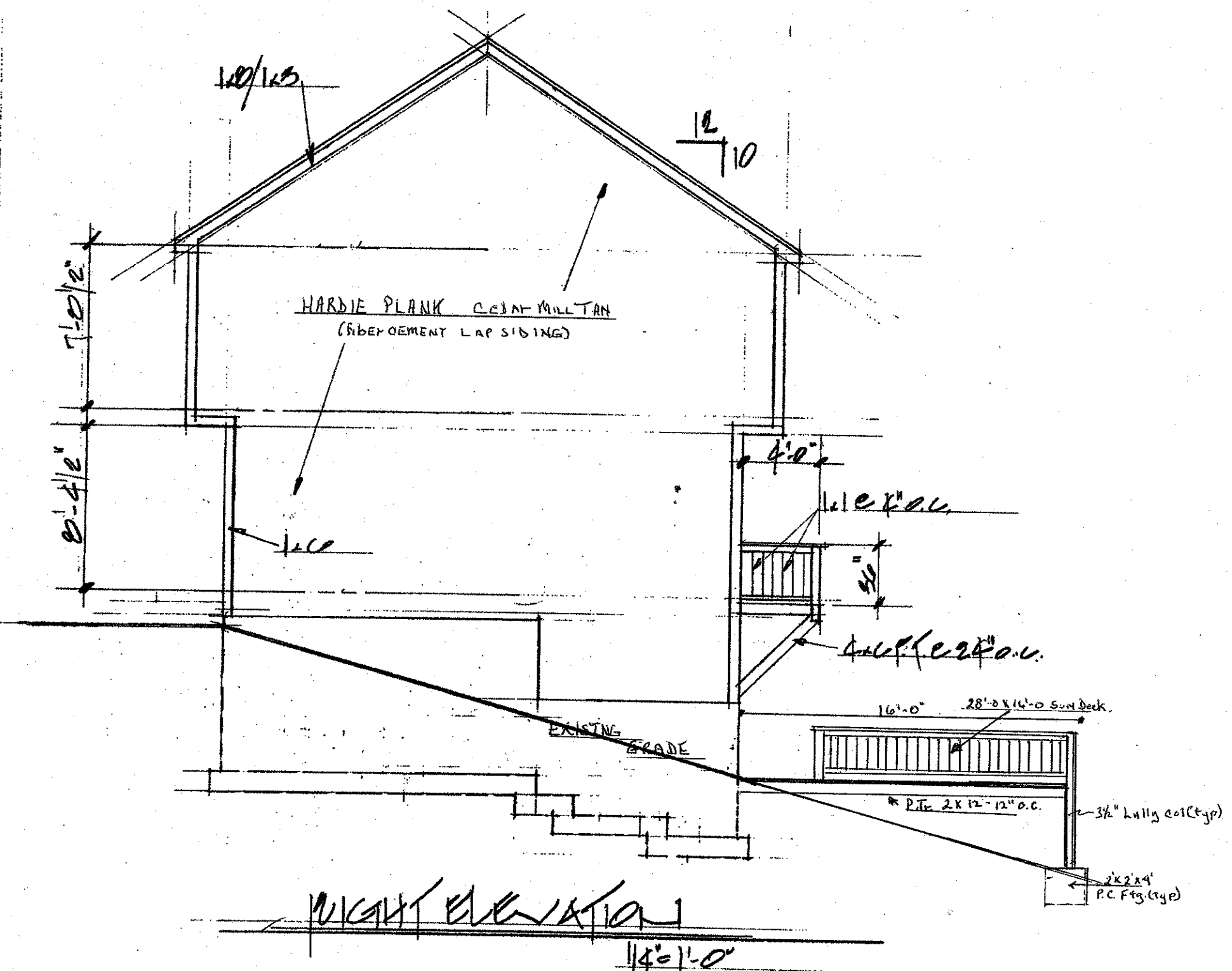
REVISED:

JOB NUMBER: 13.035 SHEET 1 OF 2





FRONT ELEVATION



RIGHT ELEVATION

WALLY McINNON
 ARCHITECTURAL DESIGN
 WETMOUTH, MASSACHUSETTS
 PHONE - (781) 844-8596 FAX - (781) 331-2811
 WALLY.MCINNON@VERIZON.NET

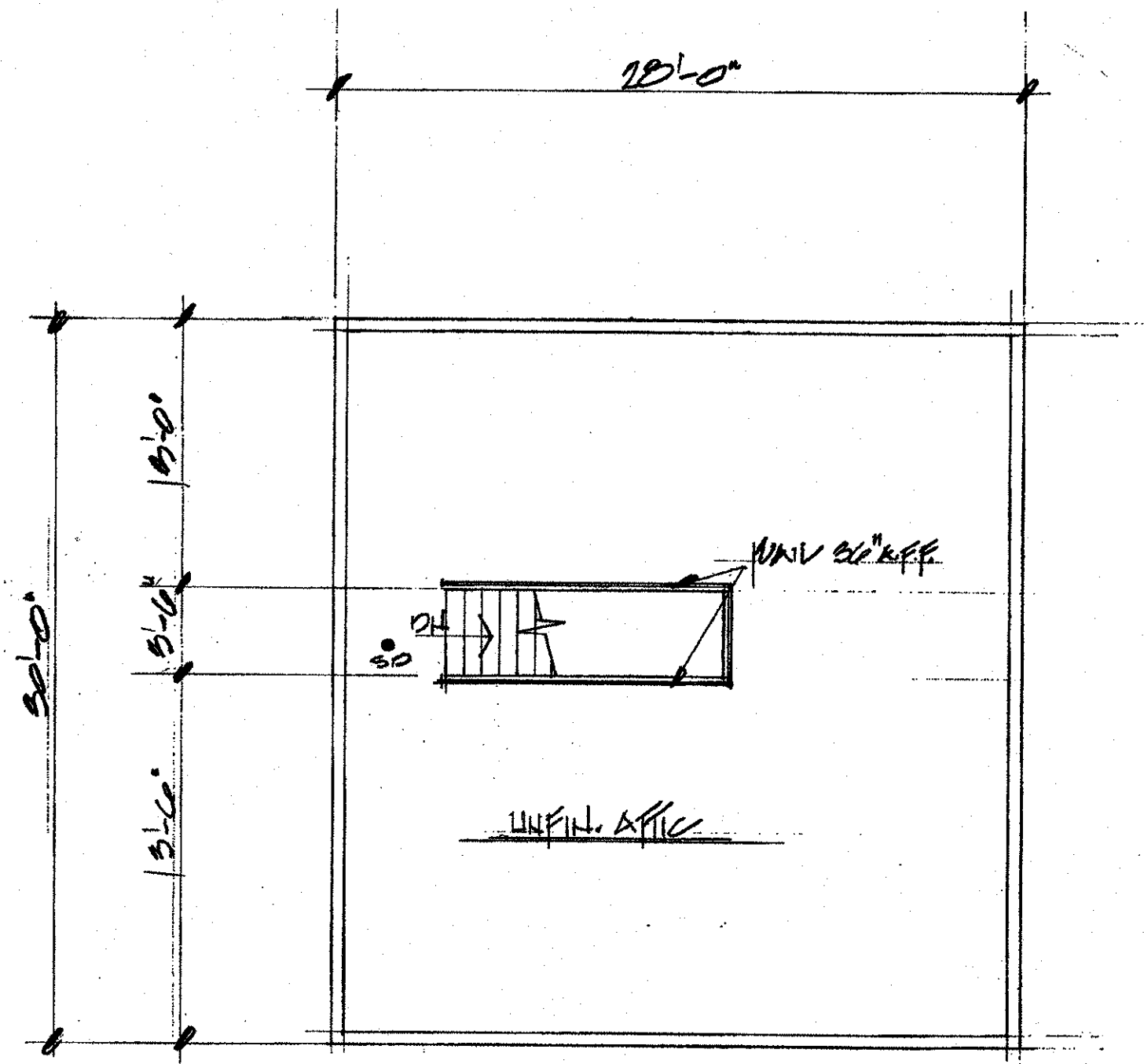
55 Asheville Rd. Hyde Park, MA

DRAWN BY:
 CHKD BY:
 DATE:
 JOB NO.:
 SCALE:

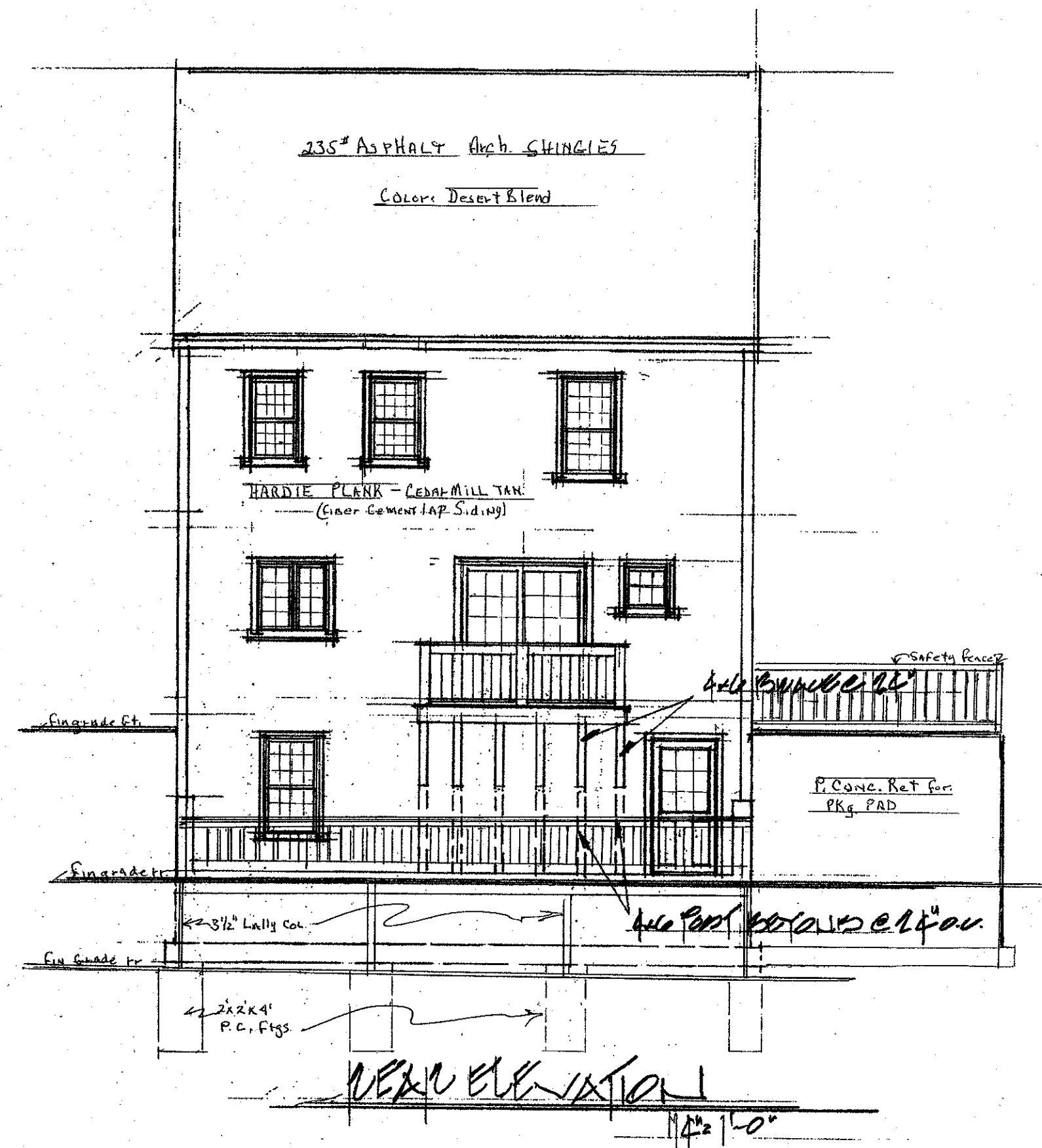
REV#	DESCRIPTION	DATE

SHEET NO.

1



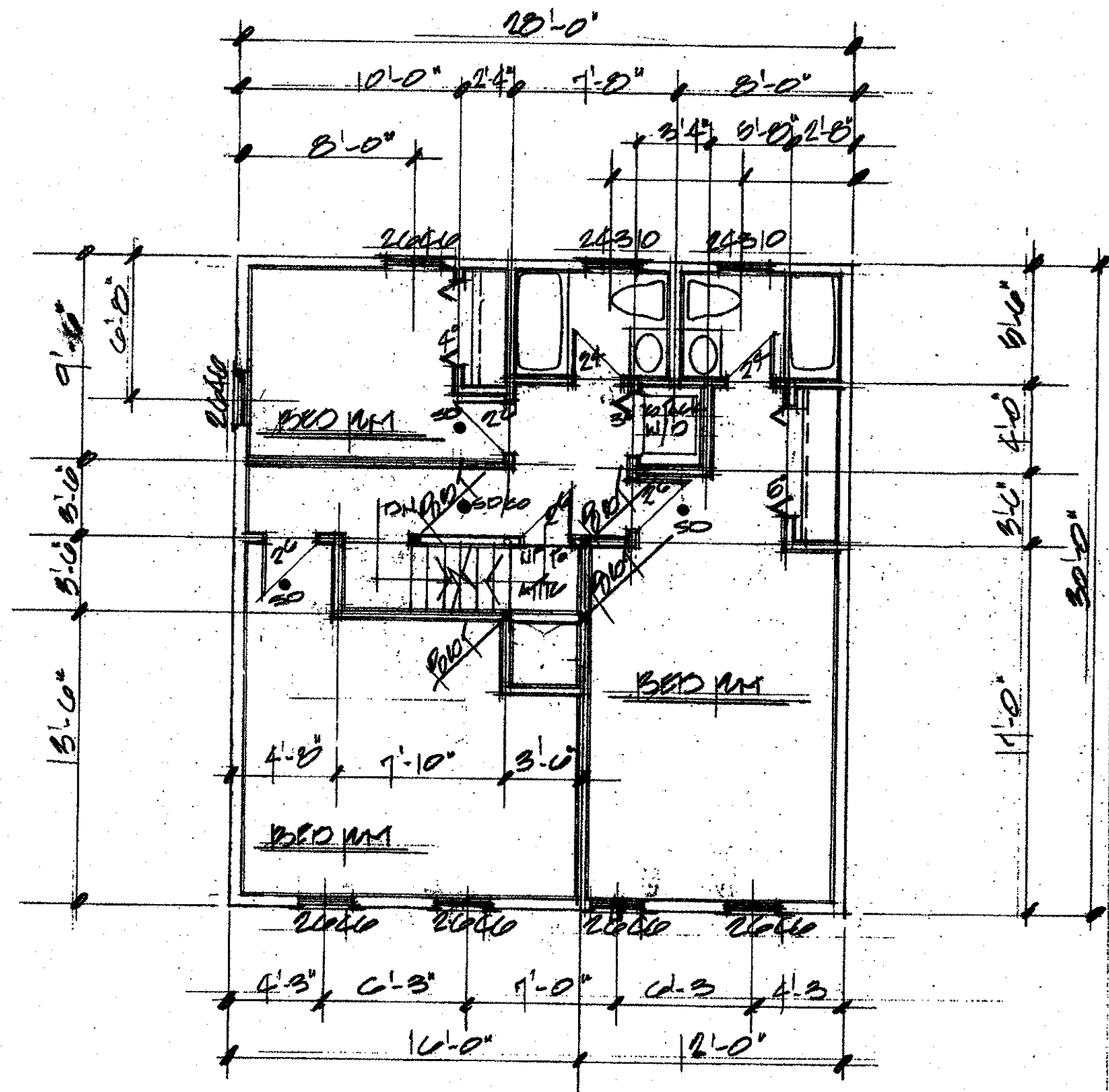
ATTIC PLAN
11'-0"



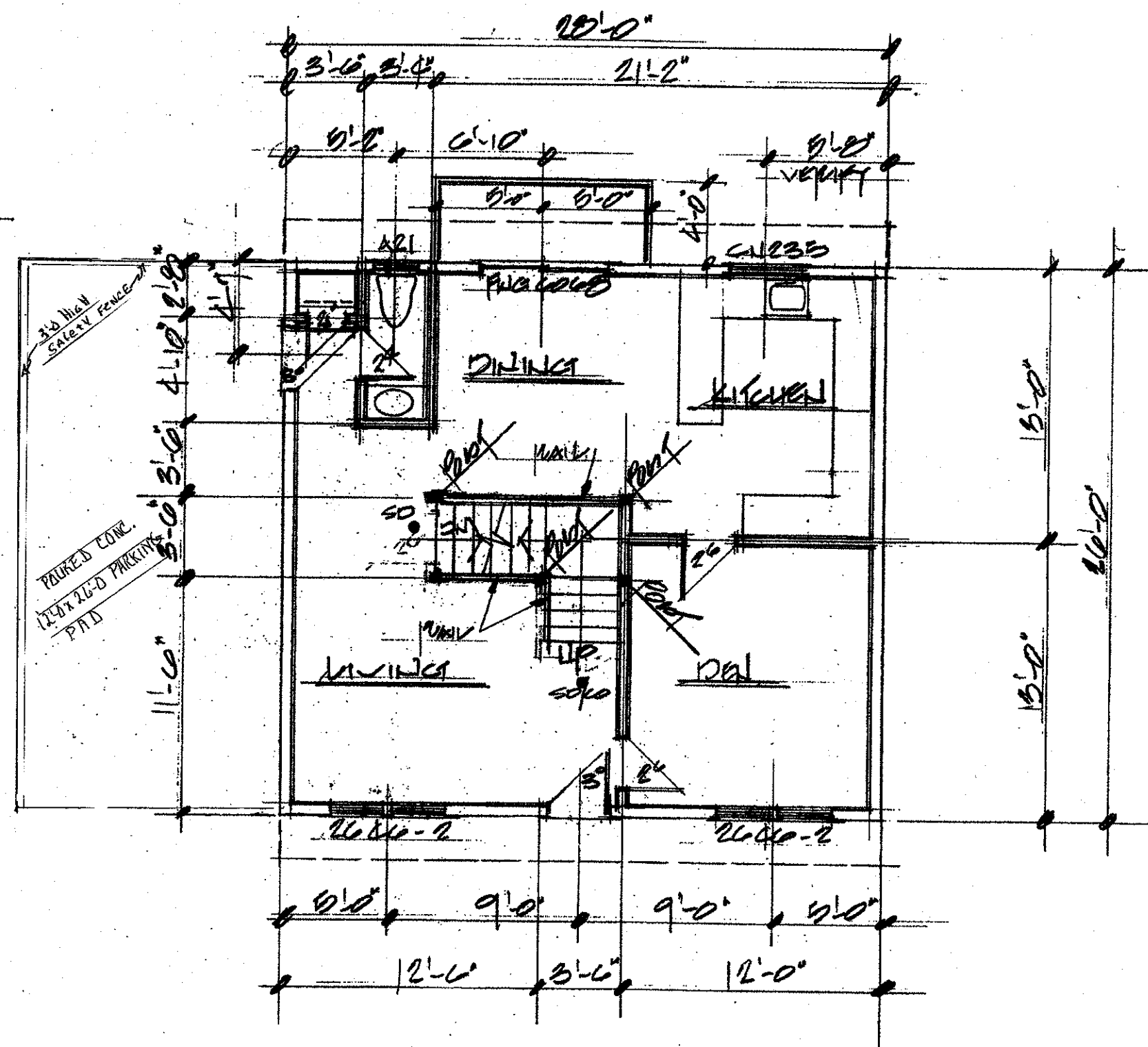
FRONT ELEVATION
18'-0"

WALLY MCKINNON
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WETMOUTH, MASSACHUSETTS
PHONE - (781) 844-8896 FAX - (781) 331-2811
WALLY.MCKINNON@VERIZON.NET

DRAWN BY:	
CHKD BY:	
DATE:	
JOB No.:	
SCALE:	
DATE	
DESCRIPTION	
REV#	
SHEET NO.	2



SECOND FLOOR PLAN
1/4" = 1'-0"



FIRST FLOOR PLAN
1/4" = 1'-0"

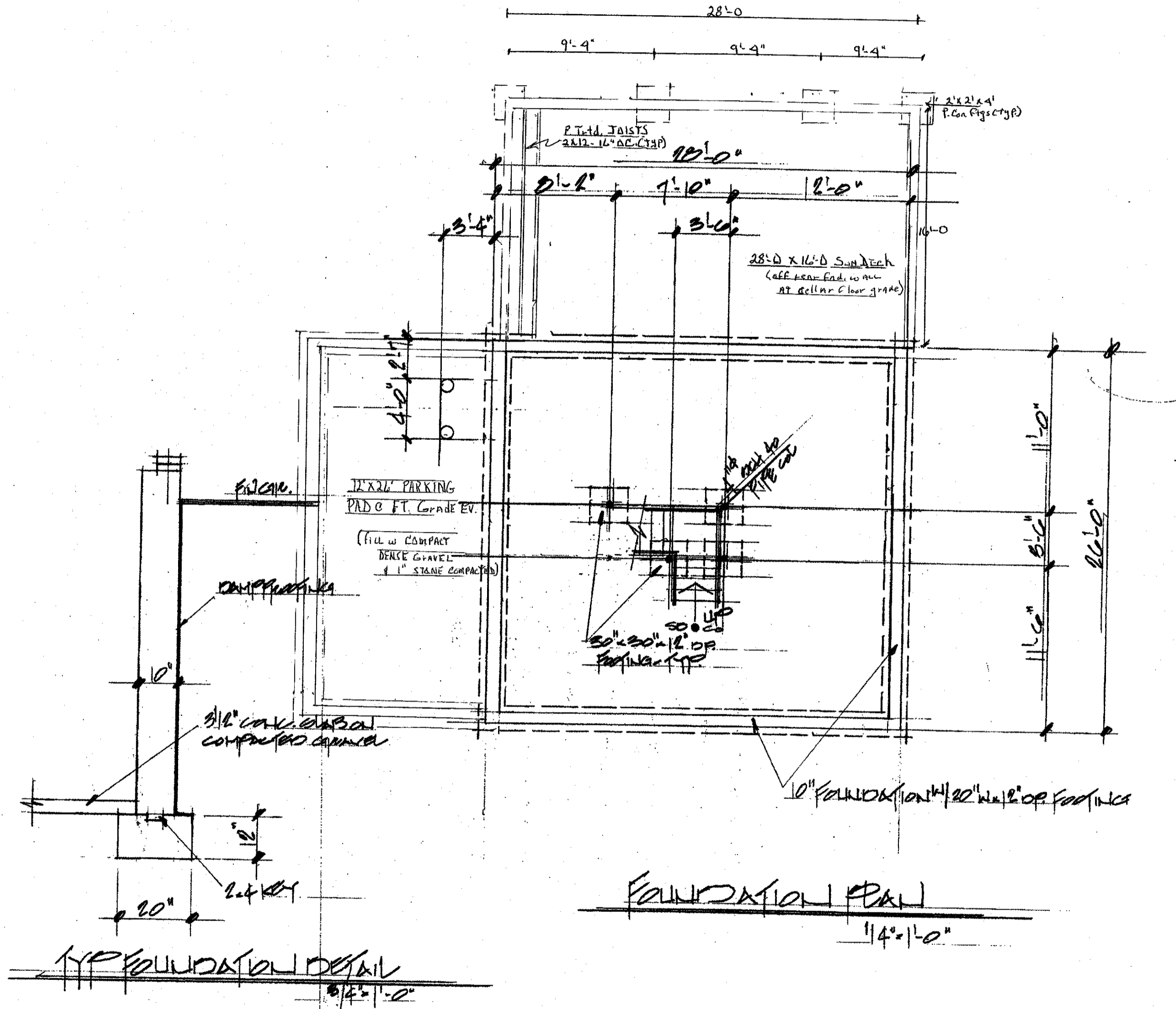
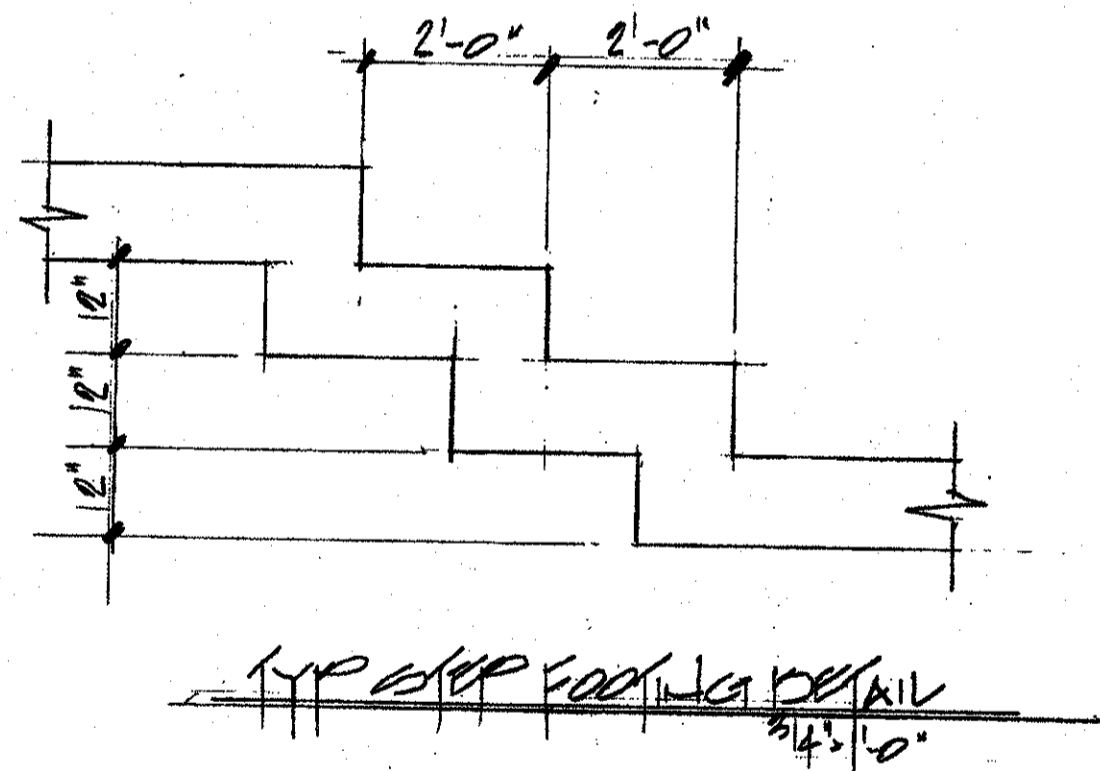
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ARCHITECTURAL DESIGN
WETMOUTH, MASSACHUSETTS
PHONE: (781) 844-8596 FAX: (781) 331-2811
WALLY.MCGINNON@VERIZON.NET

WALLY HOME
100 WOODVILLE RD
WALLY PARK MA

DRAWN BY:
CHECKED BY:
DATE:
JOB No.
SCALE:

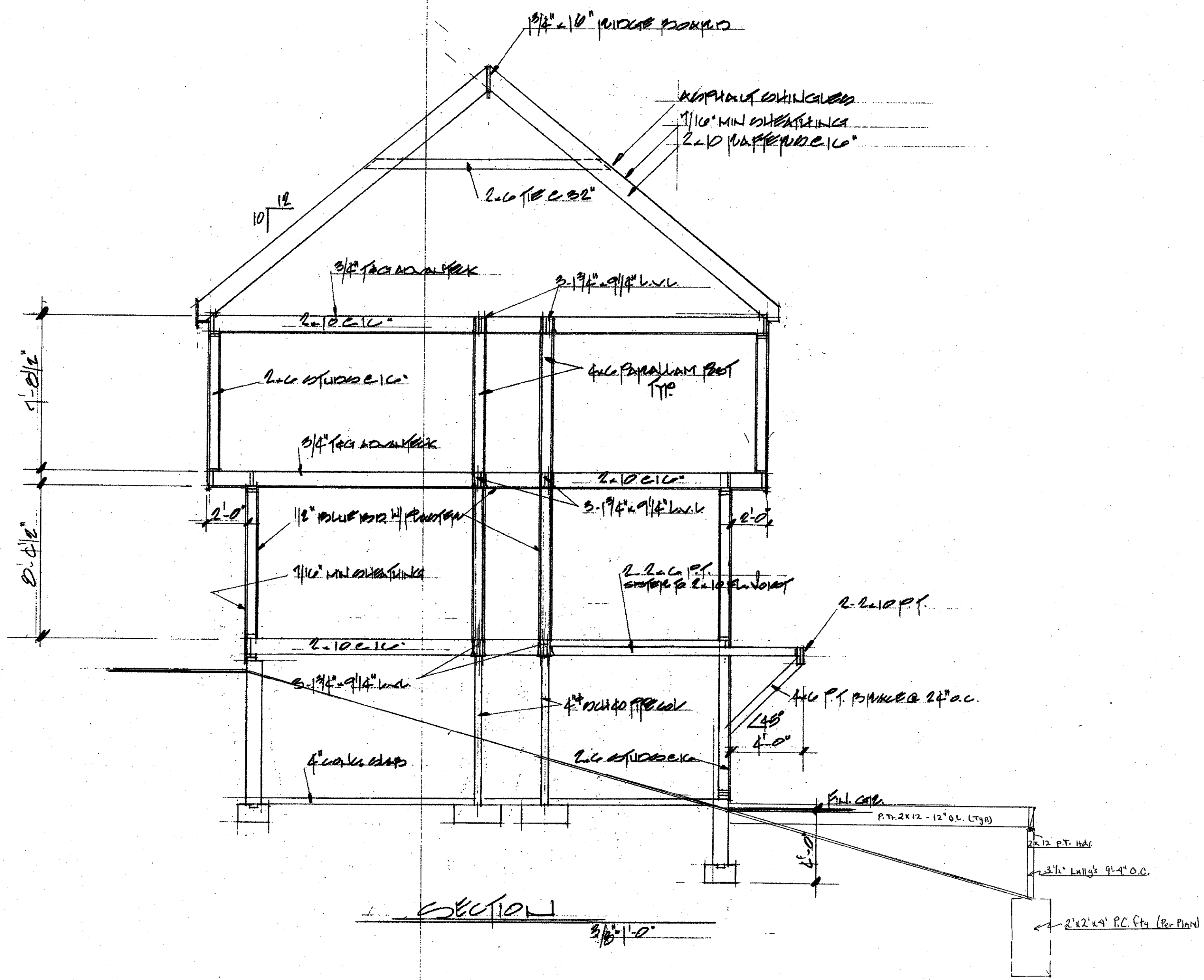
REV#	DESCRIPTION	DATE

SHEET NO.
3



WALLY MCKINNON
ARCHITECTURAL DESIGN
WETMOUTH, MASSACHUSETTS
PHONE: (781) 844-8596 FAX: (781) 331-2811
WALLY.MCKINNON@VERIZON.NET

DRWN BY:	
CHKD BY:	
DATE:	
JOB NO.:	
SCALE:	
REV#	DESCRIPTION
SHEET NO.	4



SECTION
3/8" = 1'-0"

WALLY McENNON
ARCHITECTURAL DESIGN
WETMOUTH, MASSACHUSETTS
PHONE - (781) 844-8596 FAX - (781) 331-2811
WALLY.MCENNON@VERIZON.NET

DRWN BY:	
CHKD BY:	
DATE:	
JOB No.:	
SCALE:	
DATE	
DESCRIPTION	
REV#	
SHEET NO.	7