ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # BLDR-2023-14065 OSWP 2023 14065

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4675 -- 30 -- 1726

APPLICANT/OWNER: Manuel Mendoza

APPLICANT ADDRESS: 2024 Coddle Creek, Mooresville, 28115

SITE ADDRESS: 2024 Coddle Creek, Mooresville 28115

PHONE: 704-502-6500

ALT. PHONE

SITE DIRECTIONS: Coddle Creek Hwy - lot on (R)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION:

SECTION: — LOT # — LOT AREA: 2.48

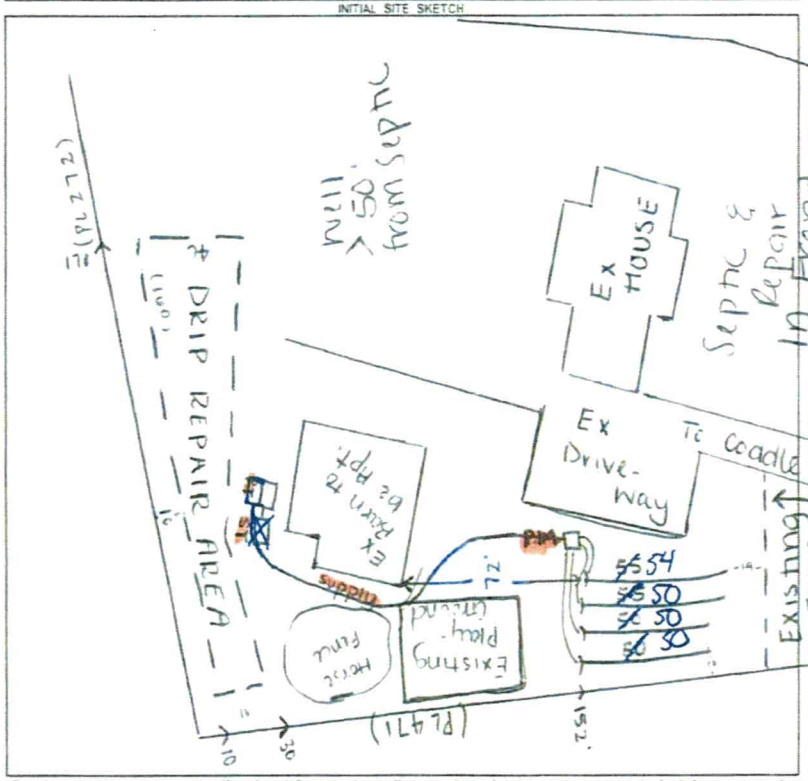
DESIGN FLOW: 240gpd L.T.A.R. .3 (R-DRIP)

Septic Tank	1000	(gal)	STB	7160	Date	1/22/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	303	Date	1/16/23	System Description:	25% Reduction			
Pump Make		Model			Serial #		Repair System Description:	DRIP			
# Nitrification Fields	1	# Lines	4		Linear Ft	210'	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36"	Trench Bottom Depth(Low side)	36" MAX		Gravel Depth	—		☐ GRAVITY	☑ PRESSURE		

☑ Residence	No. Bedrooms	2	Water Supply
☐ Business	No. Persons	4	☑ Private
☐ Other	No. Employees		☐ Public
☑ Slab	☐ Crawl Space		☐ Community
☐ Basement w/ plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Gate near septic system to be relocated to eliminate any traffic over drainfield.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

1" = 60'

PM = Pressure Manifold

Dose - 95.55
Flow - 21.92
Draw Down - 4.55
Run Time - 4.36

electrical filter/plumbing pressure SB 7/5/23

All taps are 1/2 sch80

Installed as Drawn

Tanks 3/16/23 CW
Lines
Supply Line
Alarm CW 6/23/23

Check filter & plumbing

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ IMPROVEMENT PERMIT *with plat* valid without expiration ☑ IMPROVEMENT PERMIT *with site plan* valid for 60 mos. ☑ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo

Owner / Applicant Signature: Online Date: 1/19/23

Installed by: Michael Powell

IMPROVEMENT PERMIT by: Sydney Holland Date: 2/13/23

OPERATION PERMIT by: Sarah Bailey Date: 7/5/2023

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 2/15/23

Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: [redacted]
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Manuel Mendoza
ADDRESS: 2024 Coddle Creek
PROPOSED FACILITY: 2BR
PROPOSED DESIGN FLOW (.1949): 240gpd
LOCATION OF SITE: 2024 Coddle Creek, Mooresville 28115
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other Existing
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
APPLICATION DATE 1/18/23
DATE EVALUATED: 2/13/23
PROPERTY SIZE: 2.48
PROPERTY RECORDED: yes
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear	0-6	Org	SS-SP-FR-SEXP		54"	—	—	PS .3
		6-54	C/SBK	SS-SP-FR-SEXP	FRW YIB @ 44"+				
2	Linear	0-40	C/SBK	SS-SP-FR-SEXP					
		40-56	CL/SBK	SS-SP-FR-SEXP	water @ 34" 5Y7/1 @ 22"+ 5Y7/1 @ 40" 2.5Y7/6 @ 22"		—	—	PS .1 (DRIP)
3	Linear		0-42	C/SBK					
			42-54	CL/SBK	10YR7/6 @ 18" 10YR7/6 @ 32 @ 40" 2.5Y7/6 @ 20 10YR7/2 @		—	—	PS .1 (DRIP)
4	Linear	0—			Water Pouring In				U

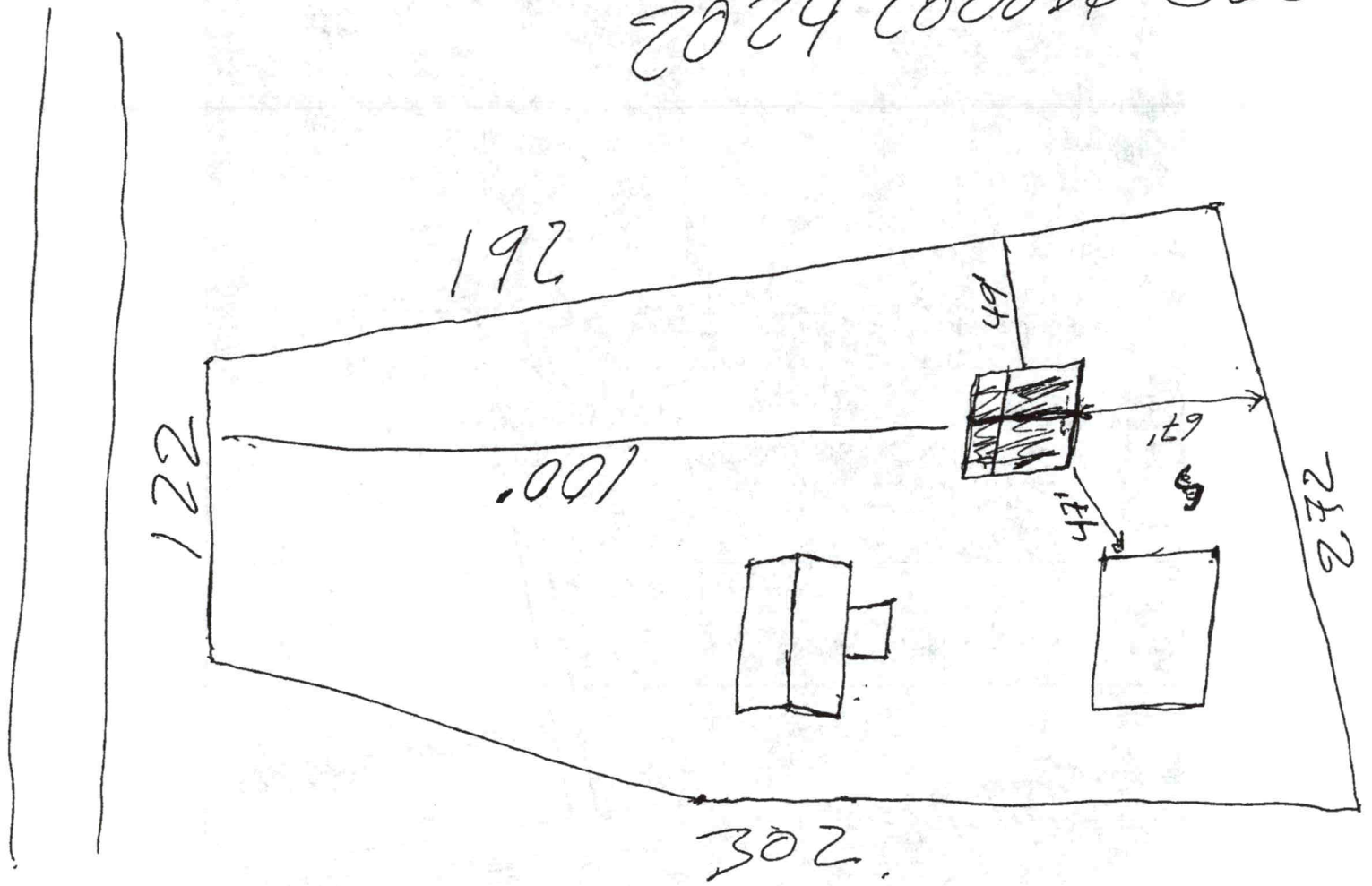
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		2500²
System Type(s)	25%	DRIP
Site LTAR	.3	.1

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948):
EVALUATED BY: S. Holland
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014

2024 Cadillac Beet



IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 720853

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4675-30-1726

APPLICANT: MANUEL MENDOZA APPLICANT ADDRESS: 2024 COPPLE CREEK HWY - Mrsvl.

PHONE: 704-502-6500 ALT. PHONE:

SITE ADDRESS: SAME

SITE DIRECTIONS: HWY 3 S, ON R

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 2.48 AC DESIGN FLOW: 360 L.T.A.R.: .275

Septic Tank	1000	(gal)	STB	1012	Date	5-1-2016	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:			25% REDUCTION	
Pump Make			Model		Serial #		Repair System Description:			SAME	
# Nitrification Fields	1		# Lines	4 @ 82'	Linear Ft:	328'	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36"		Max. Trench Bottom Depth	36"	Gravel Depth	—		☑ GRAVITY	☐ PRESSURE		

☑ Residence No. Bedrooms 3 — Water Supply: ☑ Private ☐ Public ☐ Community

☐ Business No. Persons 6

☐ Other No. Employees —

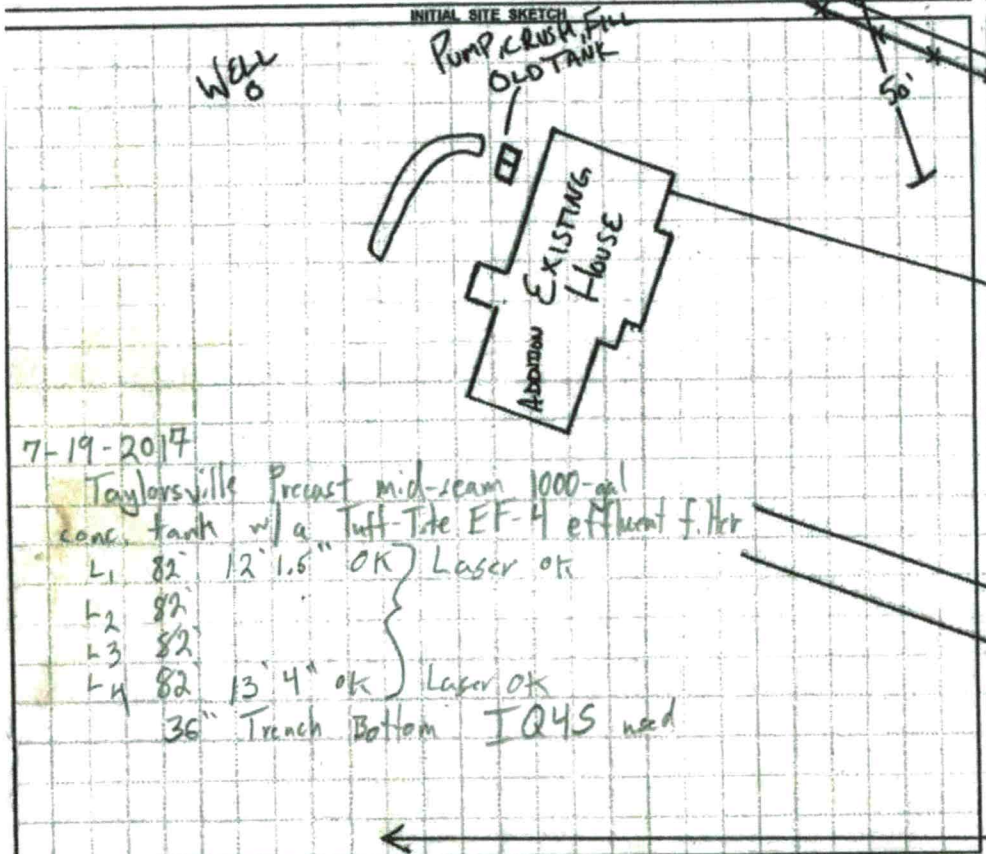
☐ Slab ☑ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

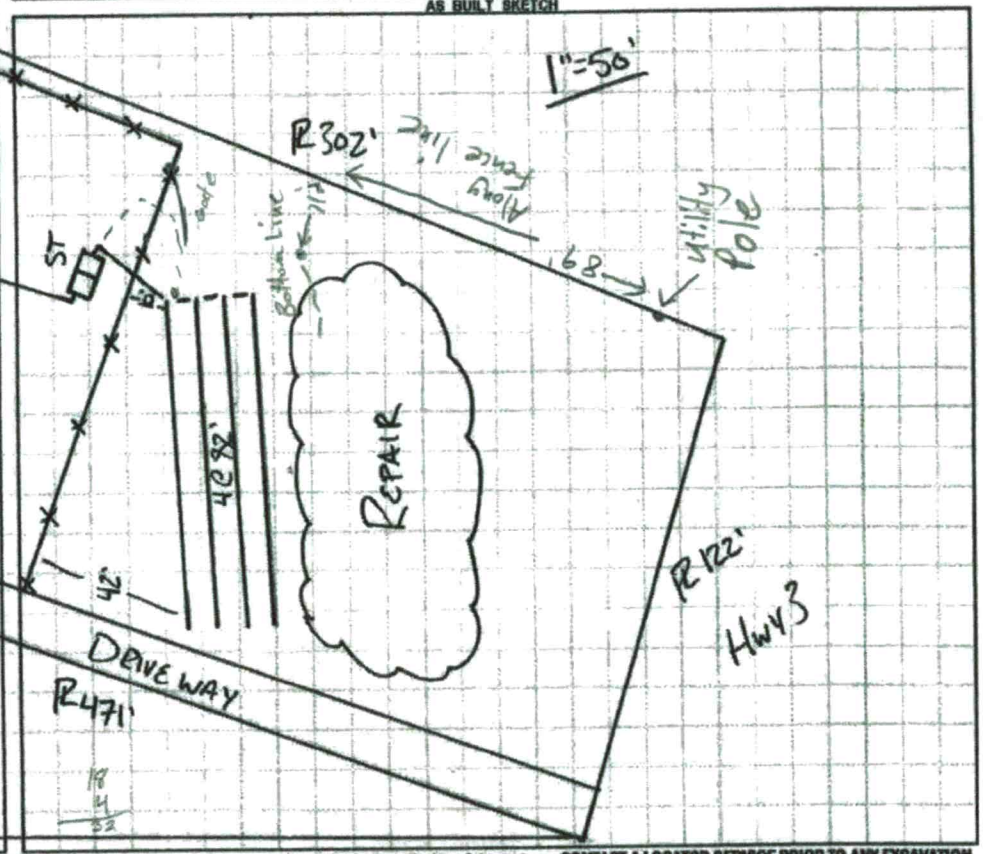
Comments / Conditions: TURNING CARPORT INTO BEDROOM (3 BEDROOMS TOTAL)

Reviewed floor plans 10/7/16

INITIAL SITE SKETCH



AS BUILT SKETCH



7-19-2017

Taylorsville Precast mid-seam 1000-gal conc. tank w/ a Tuff-Tite EF-4 effluent filter

L1 82' 12' 1.6" OK } Laser ok

L2 82'

L3 82'

L4 82' 13' 4" ok } Laser ok

36" Trench Bottom IQ45 used

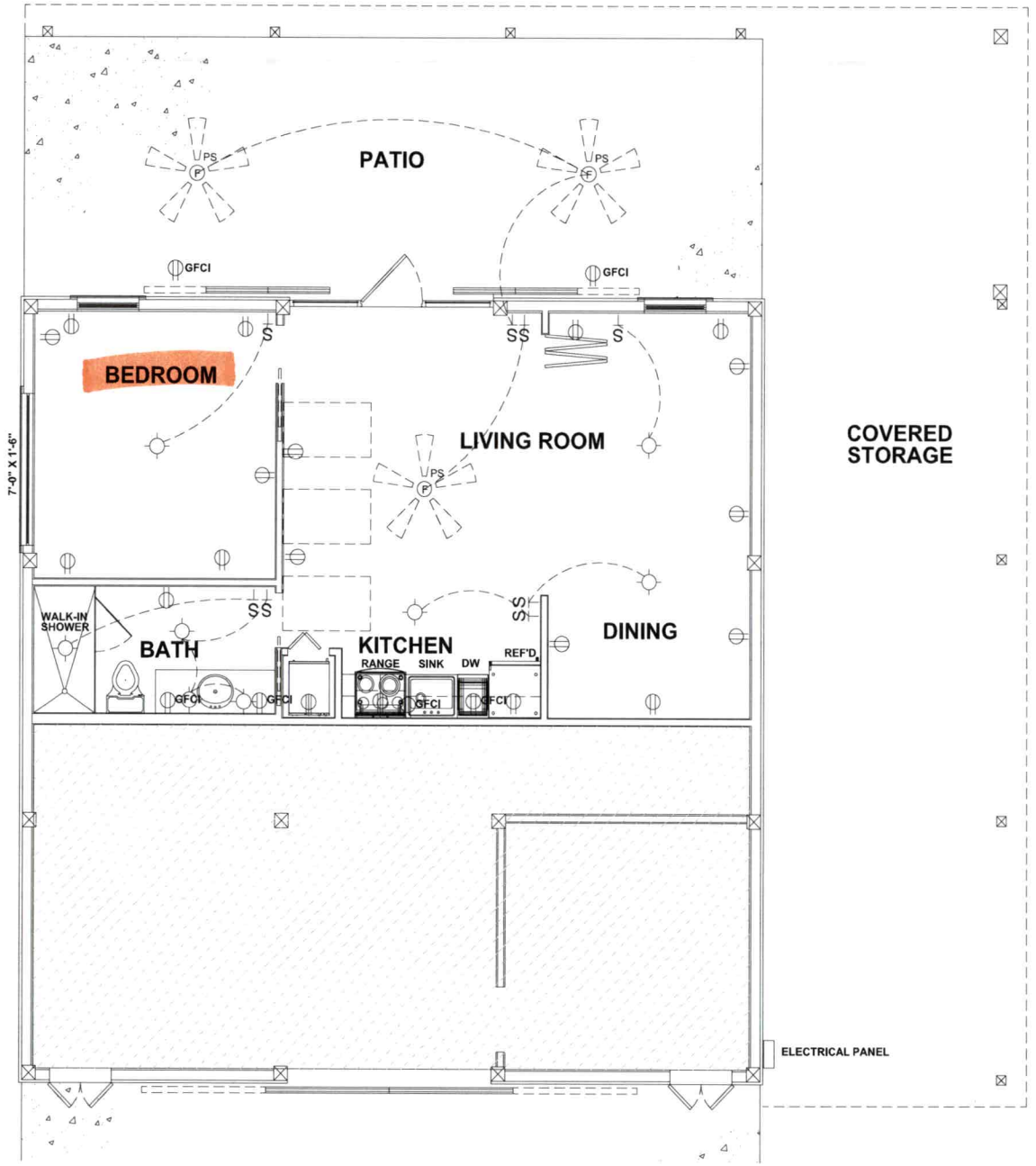
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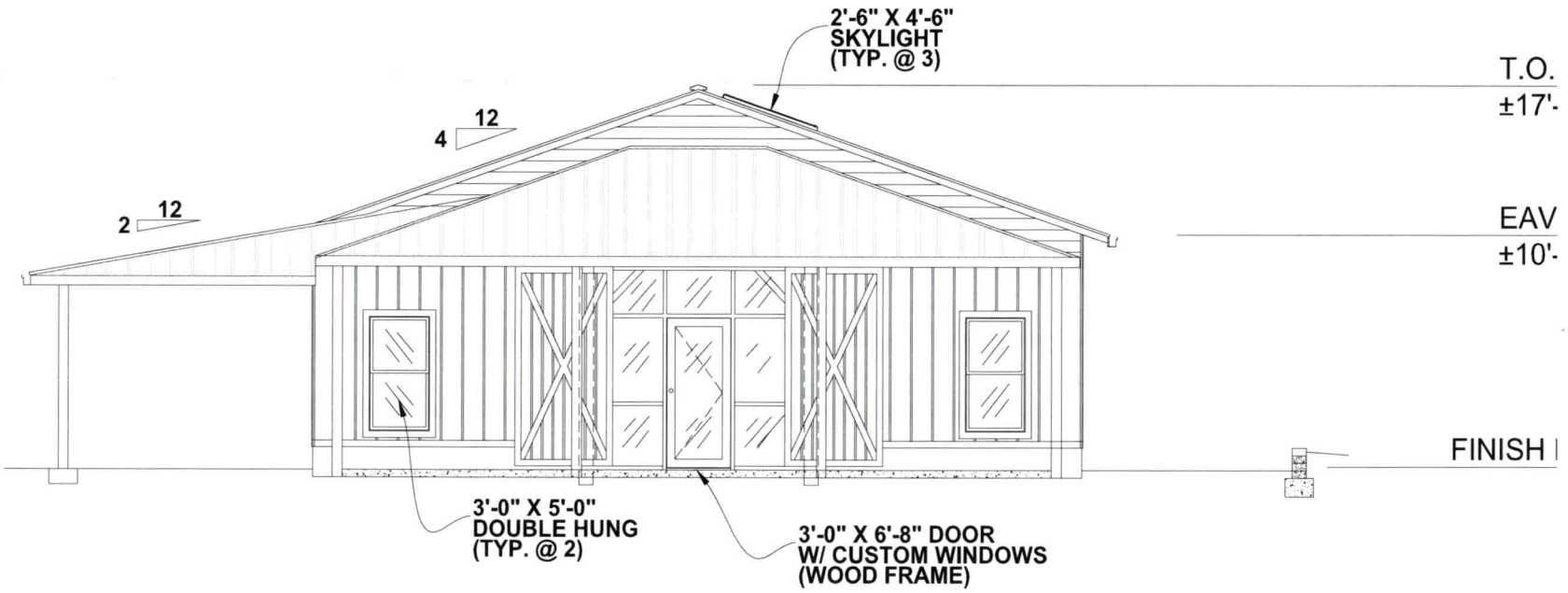
☐ IMPROVEMENT PERMIT with plat valid without expiration ☑ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☑ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: [signature] Date: 10-05-16 Installed by: Steve Jordan

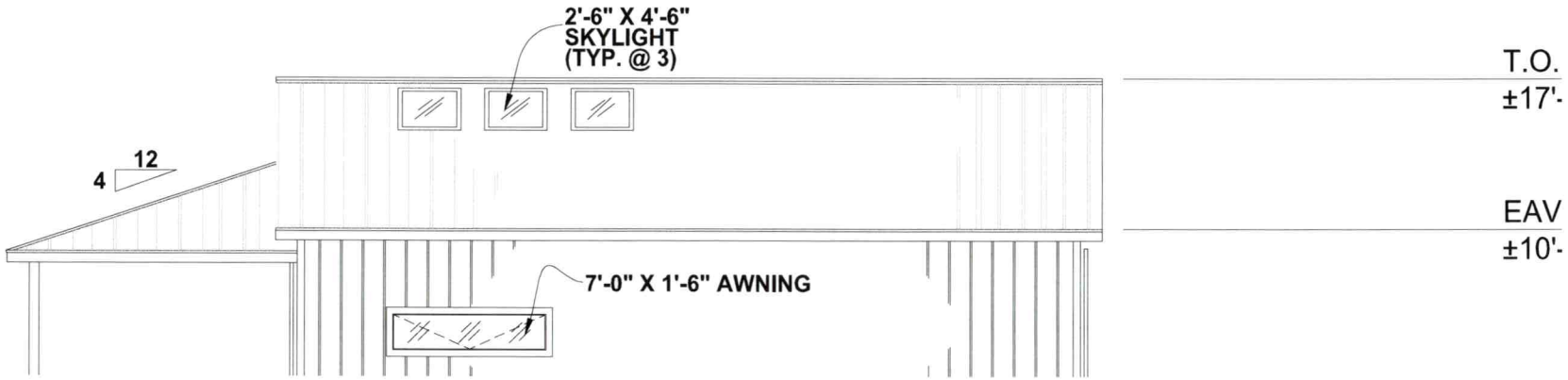
IMPROVEMENT PERMIT by: RA-008 Date: 9-28-16 OPERATION PERMIT by: Tom Shuck Date: 7/19/17

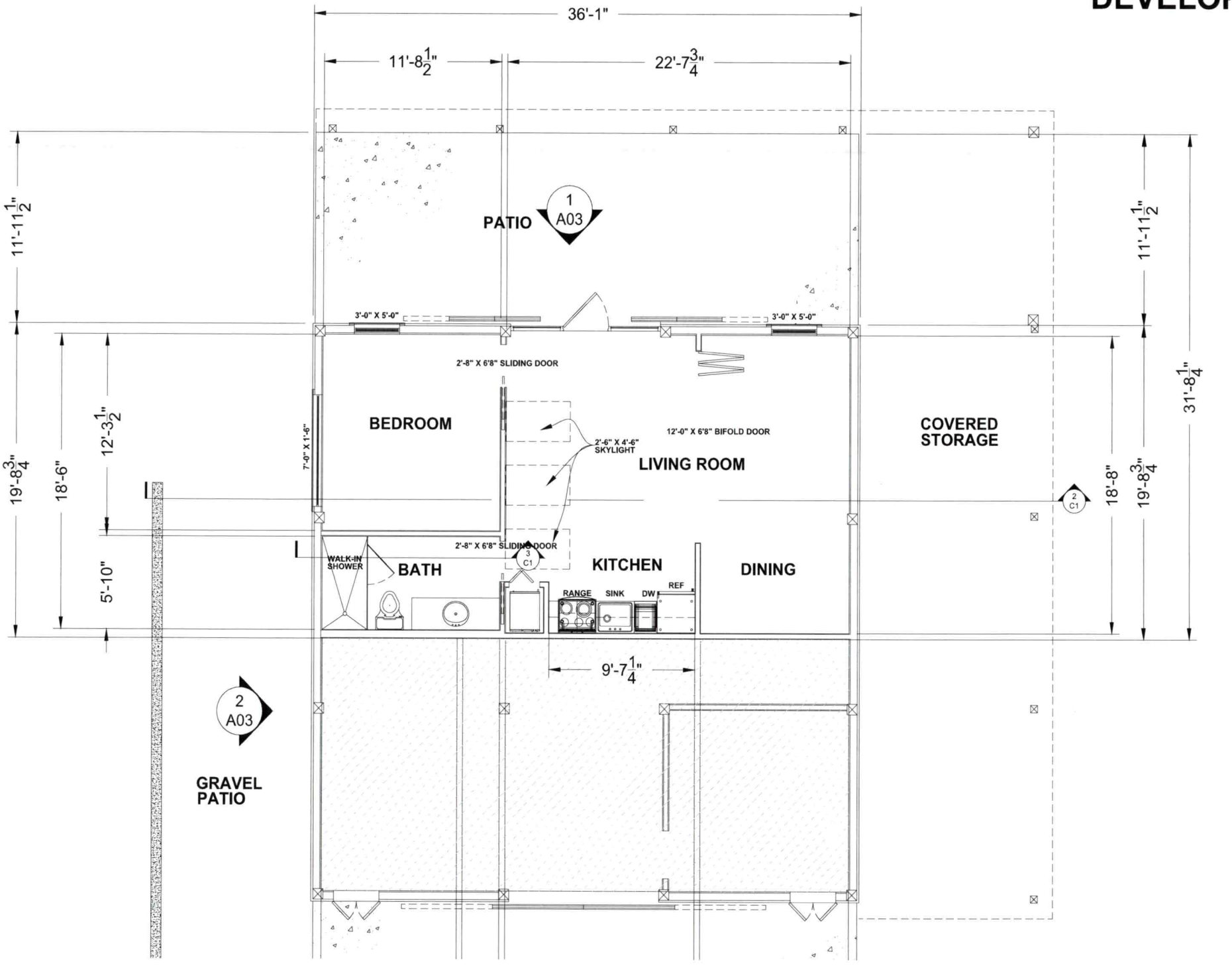
AUTHORIZATION TO CONSTRUCT by: RA-008 Date: 9-28-16 Existing System Inspected by: Date:

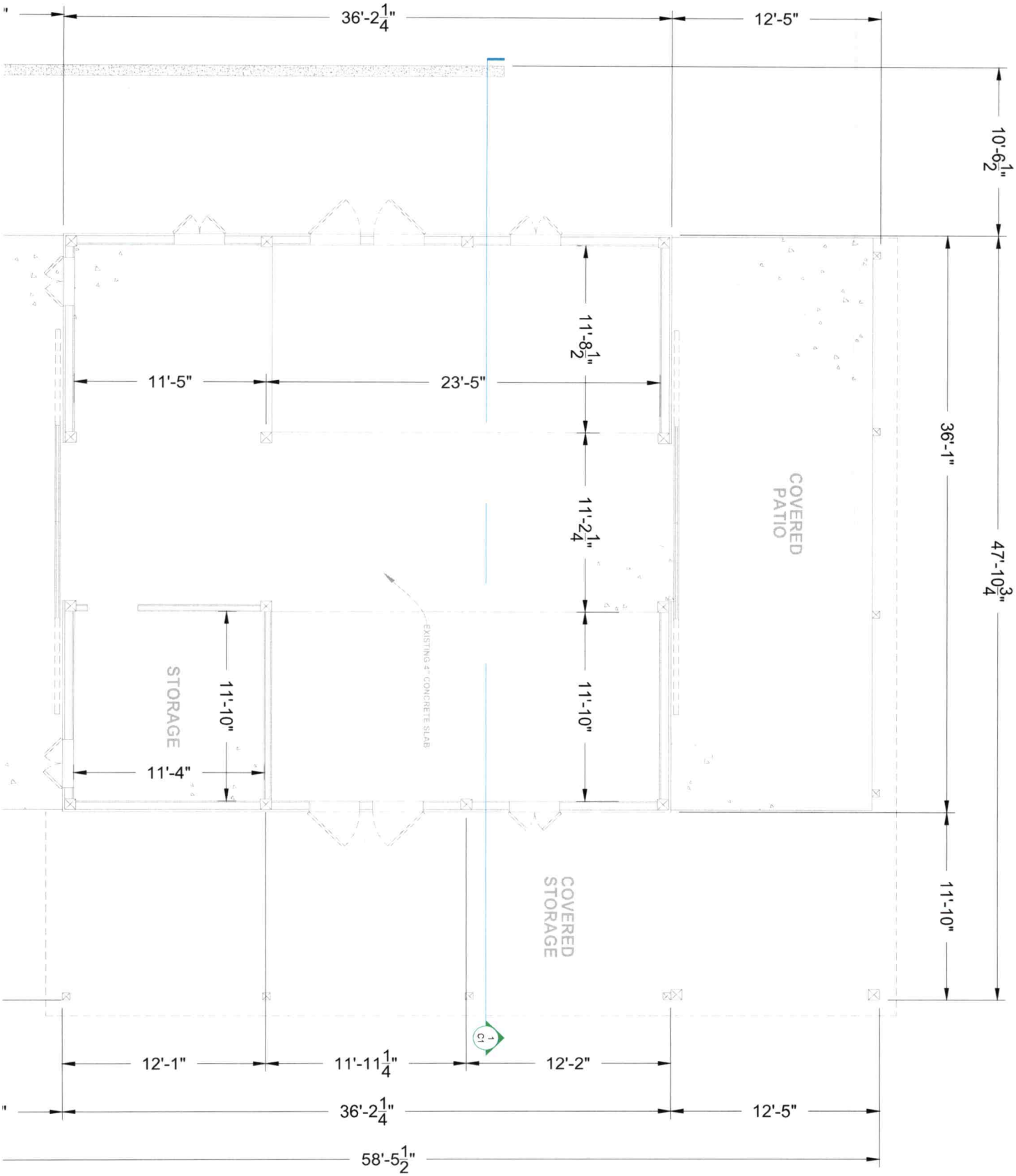

PATIO
PS
GFCI
BEDROOM
7'-0" X 1'-6"
LIVING ROOM
COVERED STORAGE
WALK-IN SHOWER
BATH
KITCHEN
RANGE
SINK
DW
REF'D
DINING
GRAVEL PATIO
ELECTRICAL PANEL



1 / A3 SOUTH ELEVATION
IN-LAW COTTAGE
SCALE: 1/8" = 1'-0"
ARCH. REF.: AS BUILT




DEVELOP
36'-1"
11'-8 1/2"
22'-7 3/4"
11'-11 1/2"
PATIO
1
A03
3'-0" X 5'-0"
3'-0" X 5'-0"
2'-8" X 6'8" SLIDING DOOR
BEDROOM
7'-0" X 1'-6"
2'-6" X 4'-6"
SKYLIGHT
12'-0" X 6'8" BIFOLD DOOR
LIVING ROOM
COVERED
STORAGE
19'-8 3/4"
18'-6"
12'-3 1/2"
5'-10"
2
C1
18'-8"
19'-8 3/4"
31'-8 1/4"
2'-8" X 6'8" SLIDING DOOR
3
C1
WALK-IN
SHOWER
BATH
KITCHEN
DINING
RANGE
SINK
DW
REF
9'-7 1/4"
2
A03
GRAVEL
PATIO


36'-2 1/4"
12'-5"
10'-6 1/2"
47'-10 3/4"
36'-1"
11'-10"
11'-8 1/2"
11'-5"
23'-5"
11'-2 1/4"
11'-10"
COVERED PATIO
COVERED STORAGE
STORAGE
11'-10"
11'-4"
EXISTING 4" CONCRETE SLAB
1
C1
12'-1"
11'-11 1/4"
12'-2"
36'-2 1/4"
12'-5"
58'-5 1/2"