

June 20, 2020

## Construction Period Control 111 Weir Street

Construction period control for this lot is included in the SWPPP prepared for Patterson Pond Definitive Subdivision. The development of this lot is identified as Phase 3A of the SWPPP on record. This report was reviewed and approved by the Planning Board review engineer in conjunction with the Definitive Subdivision. All perimeter controls, erosion and sediment control measures, construction sequencing and designated onsite areas have been described in the report and will be adhered to throughout the construction period. Preparation for this lot will include all perimeter controls and the placement of the gravel fill for the driveway necessary to provide construction access to the foundation. Once the foundation is blasted and excavated, the stones will be placed along the westerly property line and final grades established prior to the start of the house construction. With the site stabilized and graded, the house construction will proceed to completion from this point. Specific construction period sequencing will be as follows. To help follow the sequencing sketches for each phase are also attached hereto.

### Phase I

- Initially, remove the existing stonewall between the existing driveway and the proposed development area.
- Using the existing driveway,
  1. Clear and grub the area between the wall and the trees
  2. Bring in sufficient gravel to establish a working pad (4,500± s.f.) in the area of the proposed driveway.

### Phase II

- Allow tree removal crew to enter site and clear all vegetation from work area (17,600± s.f.)
- Set erosion control mulch log along edge of work area.
- Clear and remove all stumps
- Strip & stockpile topsoil

### Phase III

- Blast for foundation and utilities.
- While blasting for foundation is ongoing, bring sewer and gas onto site from cul-de sac and determine if additional blasting or hammering is required to establish depth of cover over the utilities.

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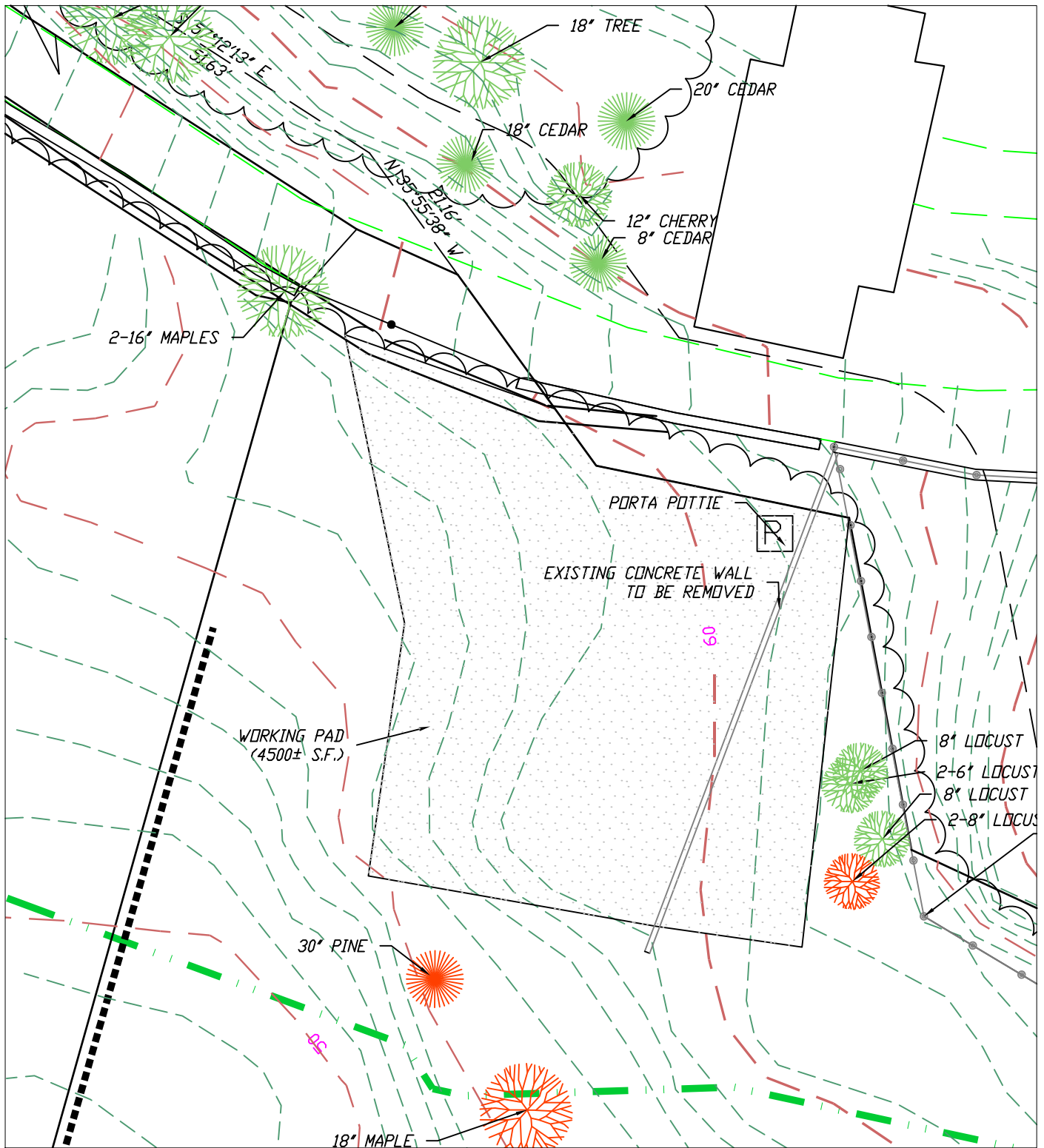
**Phase IV**

- Excavate for foundation and establish all slopes and walls for driveway and side yard.
- Bring in all fill necessary for driveway and cover for utilities.
- Install foundation complete including subdrain
- Complete utility installation from cul-de-sac and loam & seed disturbed area east of house.

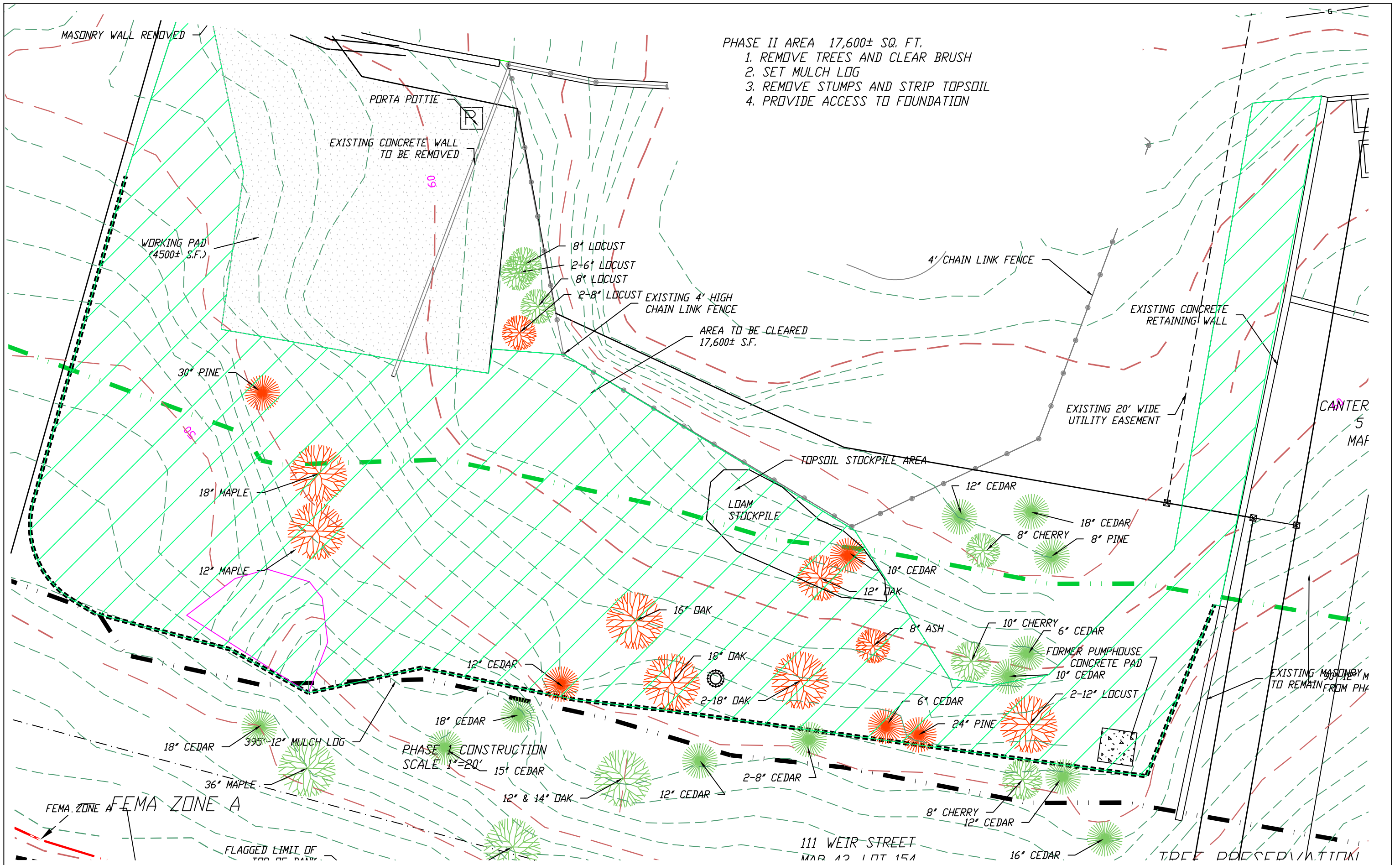
**Phase V**

- Erect dwelling
- Install underground electric and water from Weir Street, complete including patching driveway pavement
- Install all drainage improvements
- Pave driveway
- Complete landscaping.
- Complete and submit as built plans

During the construction period, the existing paved driveway (140' in length) will act as a tracking pad to keep soil from being tracked on to the weir street pavement. Once the working pad is established, this will give all vehicles the ability to turn around on site and avoid backing down the driveway. Overall, by working the site in from the existing driveway, we can minimize the pressure on the 50' buffer and eliminate the need for any traffic to get near this zone.



PHASE 1 CONSTRUCTION  
 SCALE 1"=20'  
 1. REMOVE WALL  
 2. FILL & SET WORKING PAD



- PHASE II AREA 17,600± SQ. FT.
1. REMOVE TREES AND CLEAR BRUSH
  2. SET MULCH LOG
  3. REMOVE STUMPS AND STRIP TOPSOIL
  4. PROVIDE ACCESS TO FOUNDATION

MASONRY WALL REMOVED

PORTA POTTIE

EXISTING CONCRETE WALL TO BE REMOVED

WORKING PAD (4500± S.F.)

8\"/>

EXISTING 4' HIGH CHAIN LINK FENCE

AREA TO BE CLEARED 17,600± S.F.

4' CHAIN LINK FENCE

EXISTING CONCRETE RETAINING WALL

EXISTING 20' WIDE UTILITY EASEMENT

CANTER 5 MAF

TOPSOIL STOCKPILE AREA

LOAM STOCKPILE

30\"/>

18\"/>

12\"/>

12\"/>

18\"/>

8\"/>

12\"/>

16\"/>

18\"/>

2-18\"/>

8\"/>

10\"/>

6\"/>

10\"/>

2-12\"/>

18\"/>

36\"/>

PHASE I CONSTRUCTION SCALE 1\"/>

18\"/>

15\"/>

12\"/>

12\"/>

2-8\"/>

8\"/>

12\"/>

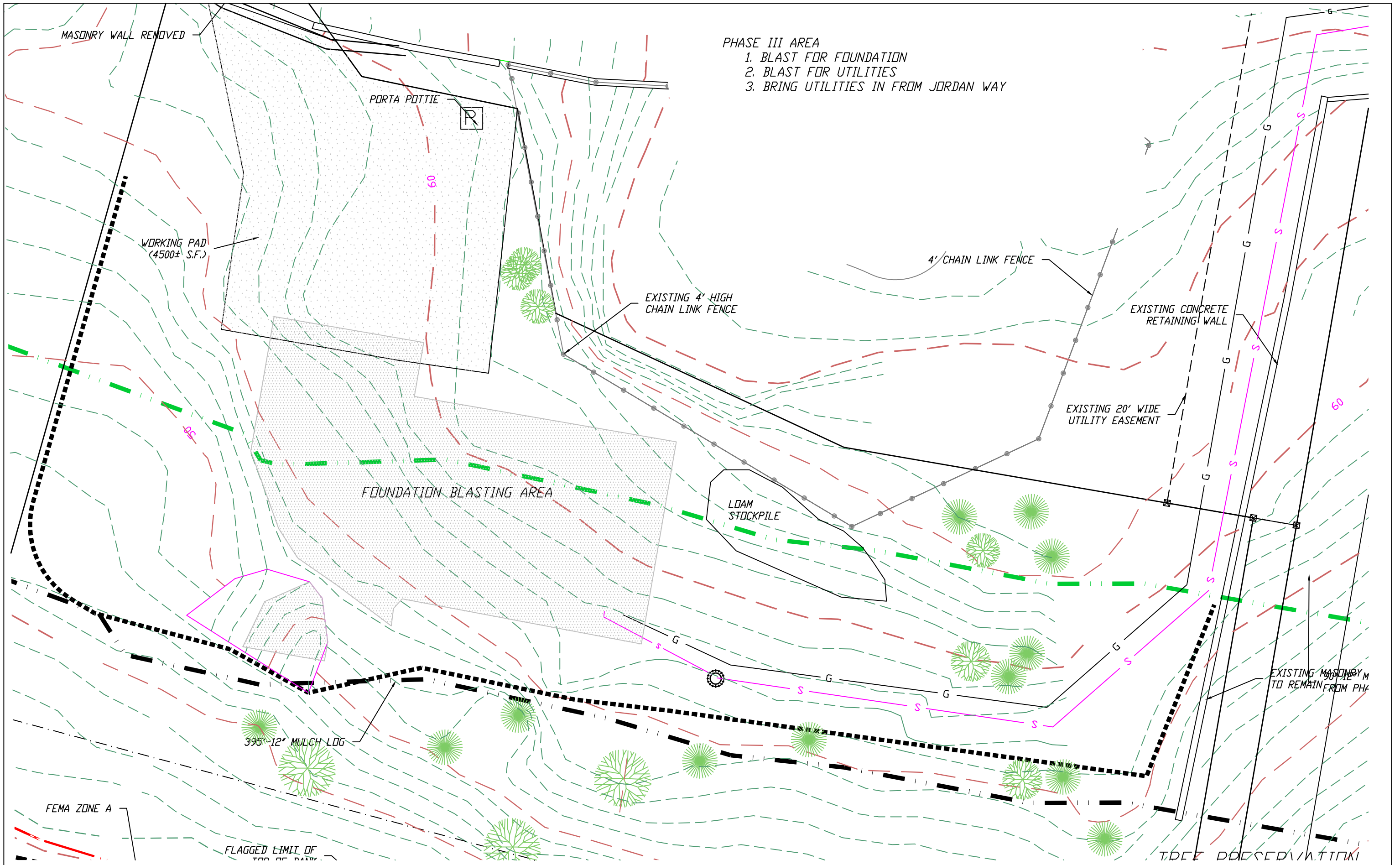
FEMA ZONE A

FLAGGED LIMIT OF TOP OF BANK

111 WEIR STREET  
MAR 12 LOT 151

TREE PRESERVATION PLAN





- PHASE III AREA
1. BLAST FOR FOUNDATION
  2. BLAST FOR UTILITIES
  3. BRING UTILITIES IN FROM JORDAN WAY

MASONRY WALL REMOVED

PORTA POTTIE

WORKING PAD  
(4500± S.F.)

EXISTING 4' HIGH  
CHAIN LINK FENCE

4' CHAIN LINK FENCE

EXISTING CONCRETE  
RETAINING WALL

EXISTING 20' WIDE  
UTILITY EASEMENT

FOUNDATION BLASTING AREA

LOAM  
STOCKPILE

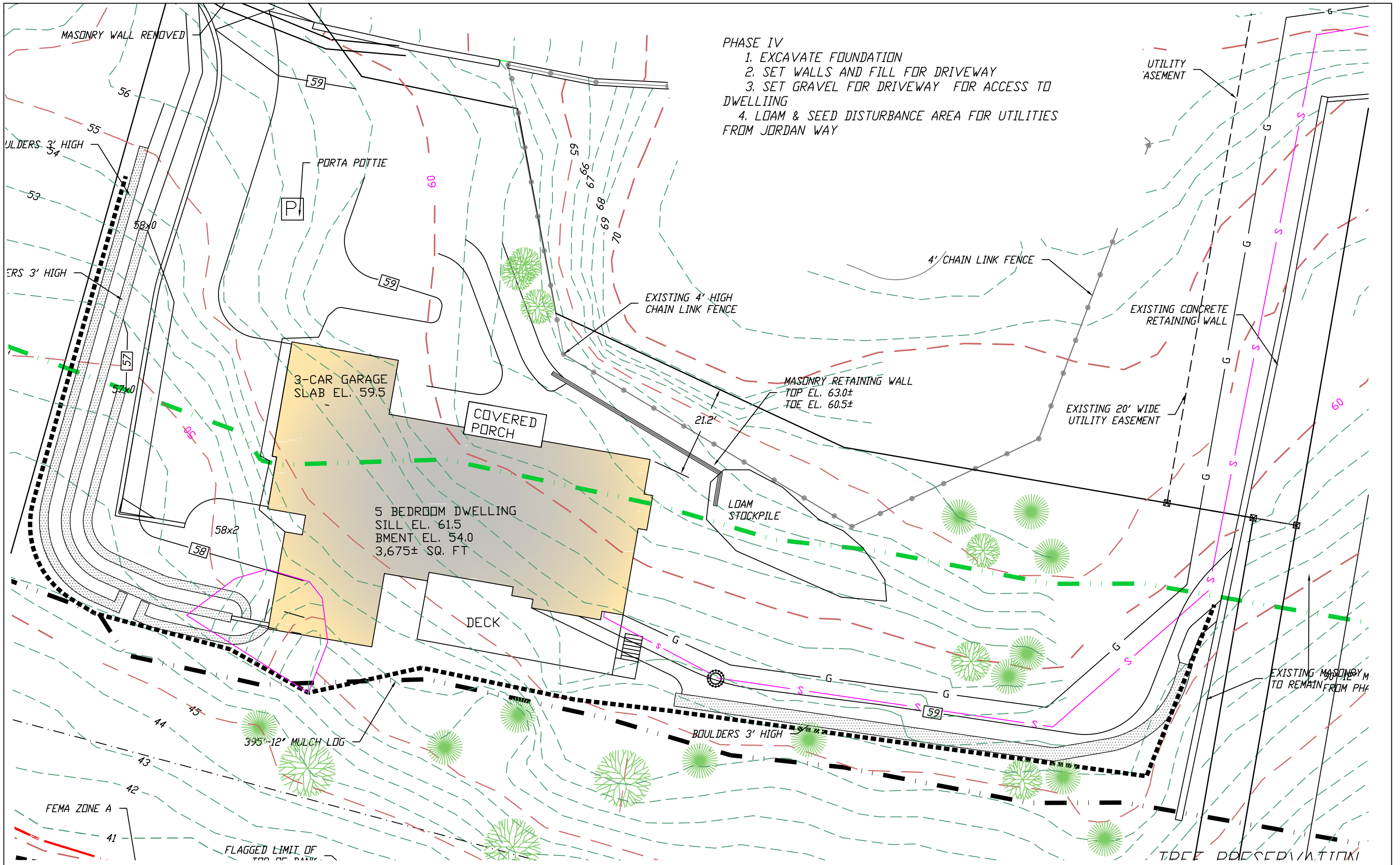
395'-12" MULCH LOG

FEMA ZONE A

FLAGGED LIMIT OF  
TOP OF BANK

EXISTING MASONRY  
TO REMAIN FROM PHASE II

TREE PRESERVATION



- PHASE IV
1. EXCAVATE FOUNDATION
  2. SET WALLS AND FILL FOR DRIVEWAY
  3. SET GRAVEL FOR DRIVEWAY FOR ACCESS TO DWELLING
  4. LOAM & SEED DISTURBANCE AREA FOR UTILITIES FROM JORDAN WAY

MASONRY WALL REMOVED

UTILITY EASEMENT

BOULDERS 3' HIGH

PORTA POTTIE

BOULDERS 3' HIGH

EXISTING 4' HIGH CHAIN LINK FENCE

4' CHAIN LINK FENCE

EXISTING CONCRETE RETAINING WALL

3-CAR GARAGE  
SLAB EL. 59.5

COVERED PORCH

MASONRY RETAINING WALL  
TOP EL. 63.0±  
TOE EL. 60.5±

EXISTING 20' WIDE  
UTILITY EASEMENT

5 BEDROOM DWELLING  
SILL EL. 61.5  
BMNT EL. 54.0  
3,675± SQ. FT

LOAM STOCKPILE

DECK

EXISTING MASONRY TO REMAIN FROM PHASE I

395' x 12' MULCH LOG

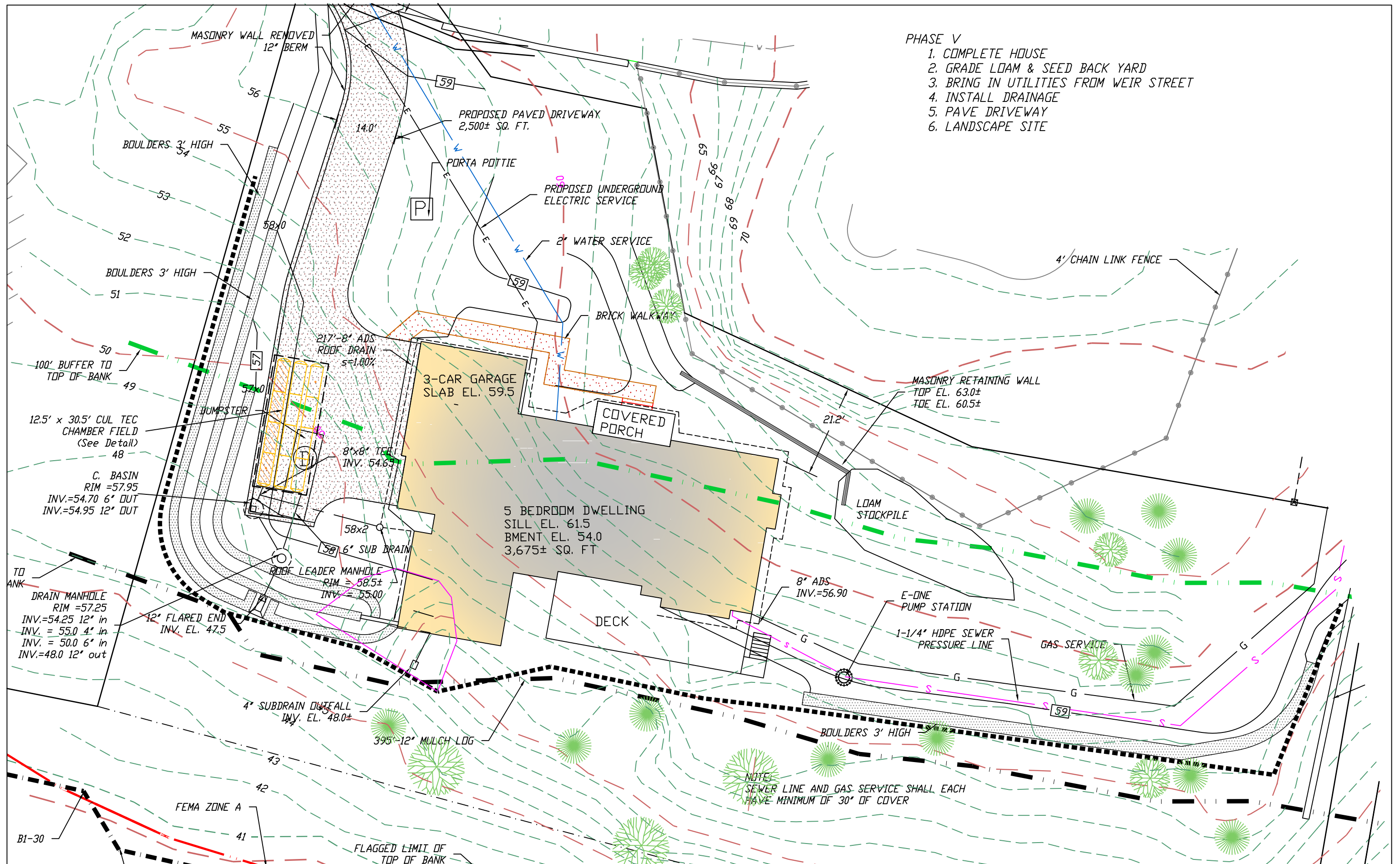
BOULDERS 3' HIGH

FEMA ZONE A

FLAGGED LIMIT OF TOP OF BANK

TOP OF DISTURBANCE





- PHASE V
1. COMPLETE HOUSE
  2. GRADE LOAM & SEED BACK YARD
  3. BRING IN UTILITIES FROM WEIR STREET
  4. INSTALL DRAINAGE
  5. PAVE DRIVEWAY
  6. LANDSCAPE SITE

MASONRY WALL REMOVED  
12" BERM

PROPOSED PAVED DRIVEWAY  
2,500± SQ. FT.

PORTA POTTIE

PROPOSED UNDERGROUND  
ELECTRIC SERVICE

2" WATER SERVICE

BRICK WALKWAY

4' CHAIN LINK FENCE

MASONRY RETAINING WALL  
TOP EL. 63.0±  
TDE EL. 60.5±

3-CAR GARAGE  
SLAB EL. 59.5

COVERED  
PORCH

5 BEDROOM DWELLING  
SILL EL. 61.5  
BMENT EL. 54.0  
3,675± SQ. FT

LOAM  
STOCKPILE

DECK

8" ADS  
INV.=56.90

E-ONE  
PUMP STATION

1-1/4" HDPE SEWER  
PRESSURE LINE

GAS SERVICE

4" SUBDRAIN OUTFALL  
INV. EL. 48.0±

395'-12" MULCH LOG

NOTE:  
SEWER LINE AND GAS SERVICE SHALL EACH  
HAVE MINIMUM OF 30" OF COVER

FEMA ZONE A

FLAGGED LIMIT OF  
TOP OF BANK

100' BUFFER TO  
TOP OF BANK

12.5' x 30.5' CUL TEC  
CHAMBER FIELD  
(See Detail)

C. BASIN  
RIM =57.95  
INV.=54.70 6' OUT  
INV.=54.95 12' OUT

DRAIN MANHOLE  
RIM =57.25  
INV.=54.25 12" in  
INV. = 55.0 4" in  
INV. = 50.0 6" in  
INV.=48.0 12" out

ROOF LEADER MANHOLE  
RIM = 58.5±  
INV. = 55.00

8"x8" TEE  
INV. 54.65

217'-8" ADS  
ROOF DRAIN  
S=1.00%

12" FLARED END  
INV. EL. 47.5

58x2  
6" SUB DRAIN

BOULDERS 3' HIGH

BOULDERS 3' HIGH

BOULDERS 3' HIGH

B1-30