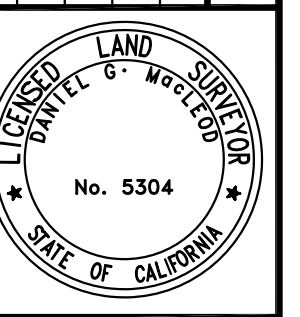


REV	DESCRIPTION	BY	DATE
1	ADD 100' CREEK SETBACK LINE	DOM	9-26-19



MACLEOD AND ASSOCIATES
 CIVIL ENGINEERING - LAND SURVEYING
 965 CENTER STREET - SAN CARLOS - CA 94070 - (650) 593-8580

PREPARED FOR:
CREG AND SUE JOSMAK

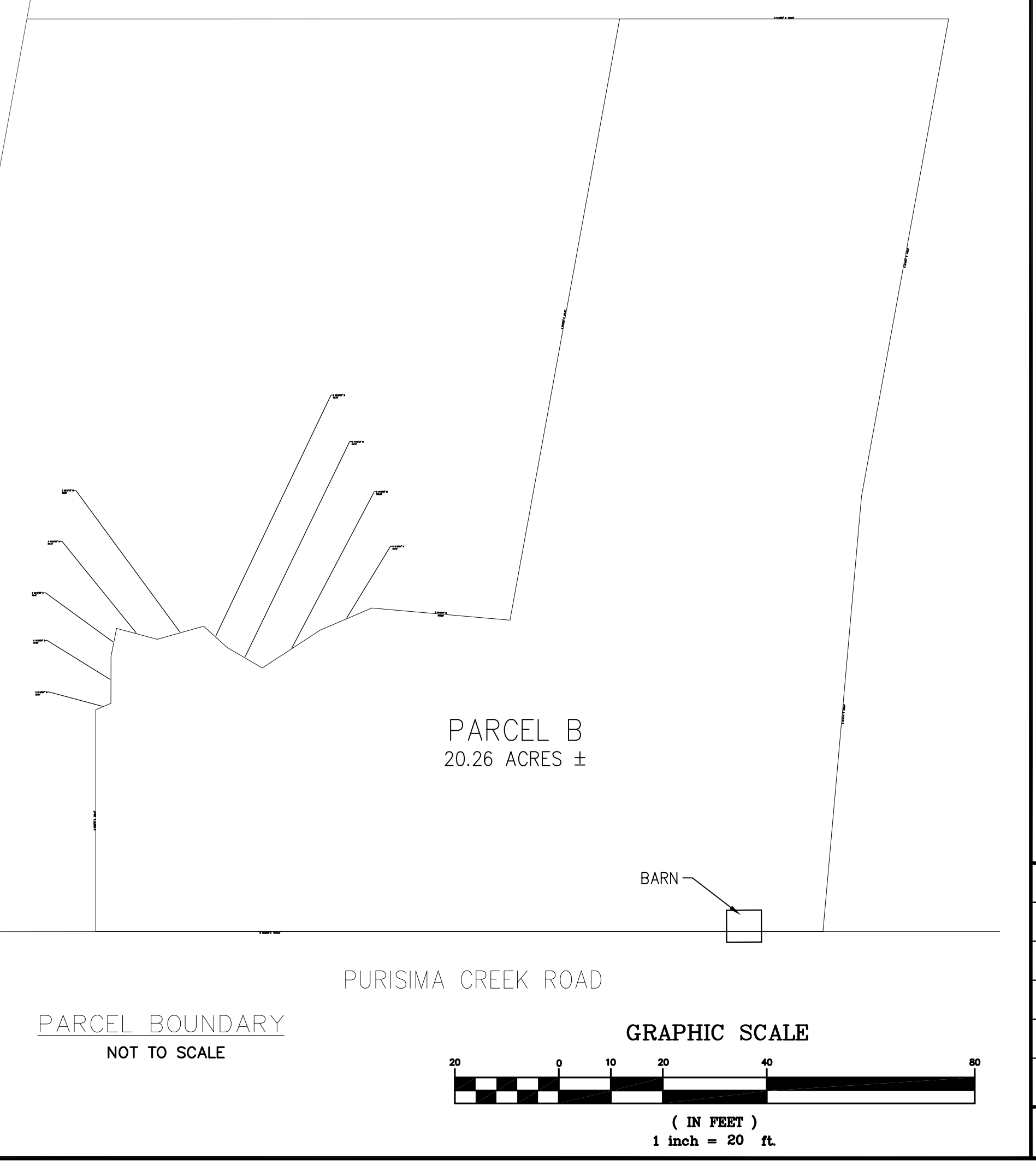
TOPOGRAPHIC SURVEY PLAN
 2450 PURISIMA CREEK ROAD
 A.P.N. 066-230-050
 PARCEL B, 30 P.M. 34-35
 SAN MATEO COUNTY
 CALIFORNIA

UNINCORPORATED

DRAWN BY: MDL
 DESIGNED BY: ---
 CHECKED BY: DGM
 SCALE: 1"=20'
 DATE: 08-02-19
 DRAWING NO. 4662-TOPO
 SHEET 1 OF 1

LEGEND

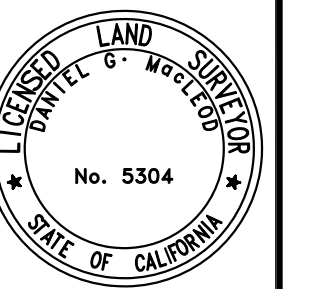
- | | |
|----------|---------------------------|
| AC PAVE | PROPERTY LINE |
| BRK | ASPHALT CONCRETE PAVEMENT |
| BRK | BRICK |
| CL | CENTERLINE |
| COL | COLUMN |
| CONC | CONCRETE |
| EB | ELECTRIC BOX |
| EP | EDGE OF PAVEMENT |
| ETR | EDGE OF TRAVELED ROAD |
| FF | FINISH FLOOR |
| FL | FLOWLINE |
| GB | GRADE BREAK |
| GS FF | GARAGE SLAB FINISH FLOOR |
| GT | GATE |
| ICB | IRRIGATION CONTROL BOX |
| ICV | IRRIGATION CONTROL VALVE |
| JP | JOINT UTILITY POLE |
| LP | LIGHT POLE |
| MB | MAILBOX |
| PLT | PLANTER |
| STP | STEPS |
| TOE | TOE OF SLOPE |
| TW | TOP OF WALL |
| UB | UTILITY BOX |
| 12" TREE | TREE W/ SIZE |
| X | FENCE |
| OH | OVERHEAD UTILITY LINE |



TEMPORARY BENCHMARK
 600 TIME W/ IP
 ELEV. = 347.04
 (NAVD88 DATUM)



REV	DESCRIPTION	BY	DATE
1	ADD 100' CREEK SETBACK LINE	DOM	9-26-19



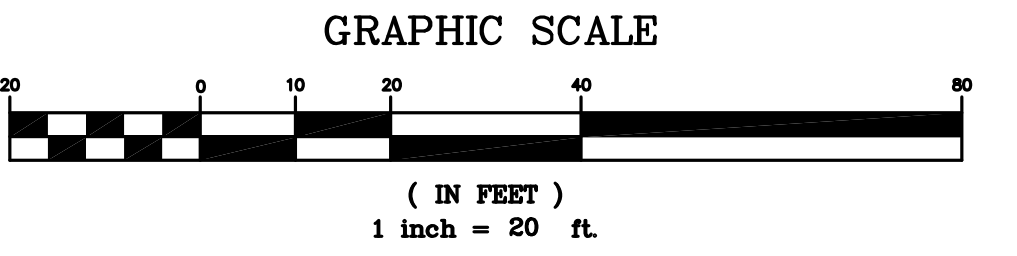
MACLEOD AND ASSOCIATES
 CIVIL ENGINEERING - LAND SURVEYING
 965 CENTER STREET - SAN CARLOS - CA 94070 - (650) 593-8580

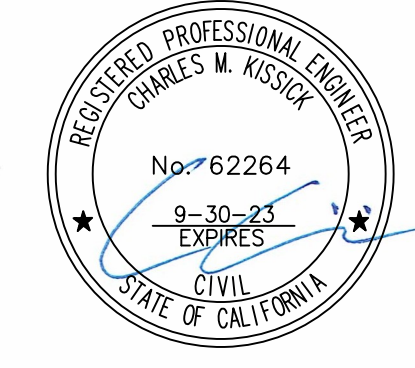
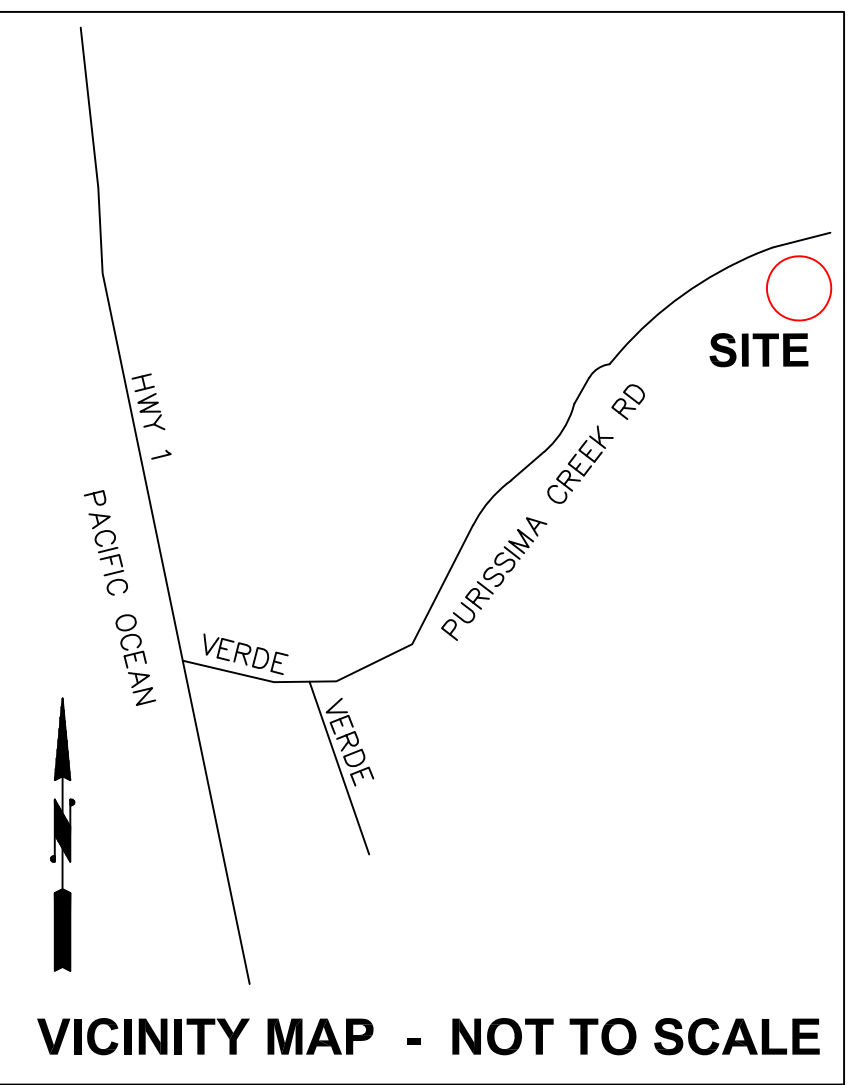
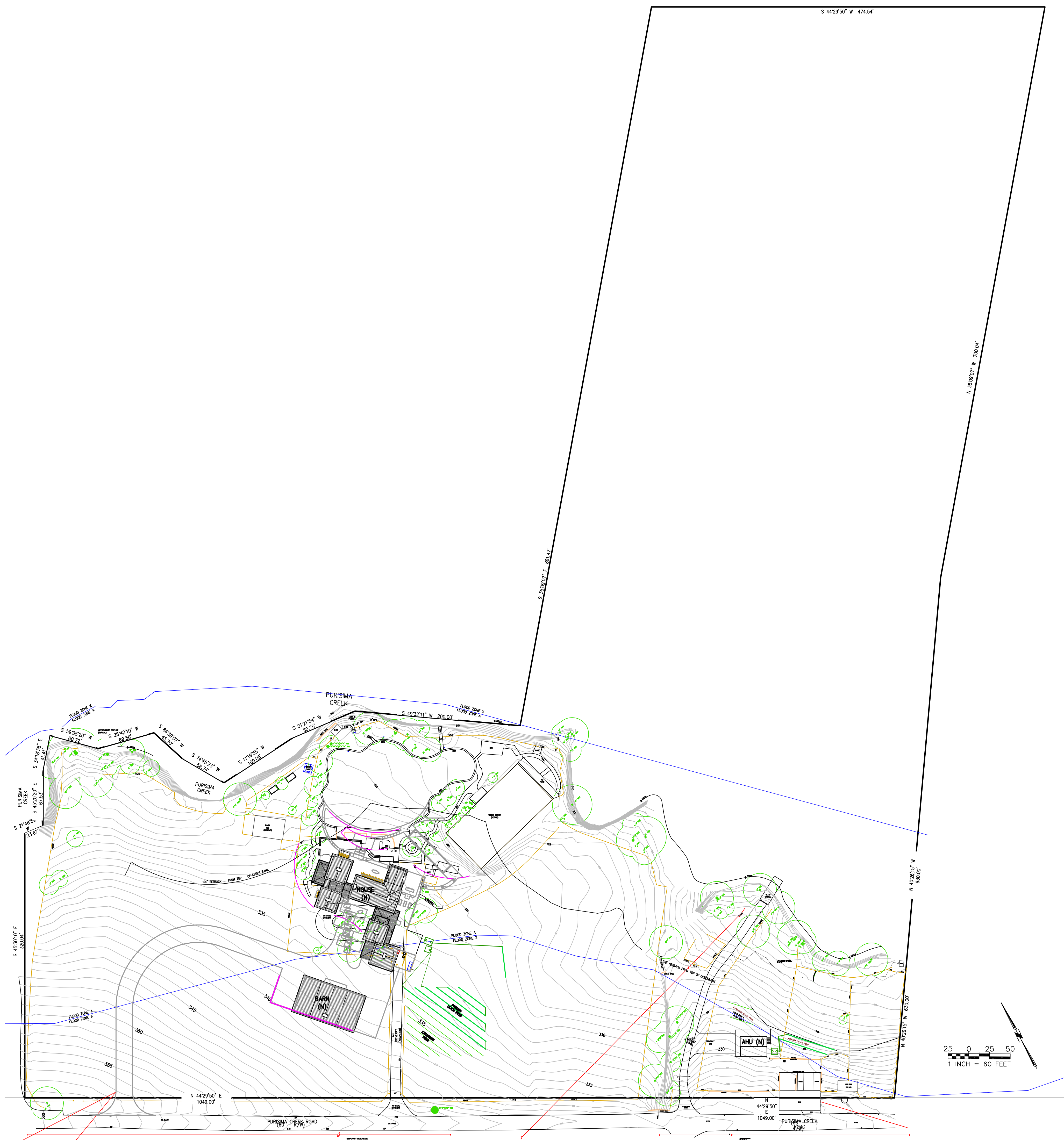
PREPARED FOR:
 GREG AND SUE
 JOSMAK

TOPOGRAPHIC SURVEY PLAN
 2450 PURISIMA CREEK ROAD
 A.P.N. 066-230-050
 PARCEL B, 30 P.M. 34-35
 SAN MATEO COUNTY
 CALIFORNIA

UNINCORPORATED

DRAWN BY: MCL
 DESIGNED BY: ---
 CHECKED BY: DGM
 SCALE: 1"=20'
 DATE: 10-15-19
 DRAWING NO.
4662-TOPO
 SHEET
 1 OF 1





Sigma Prime Geosciences, Inc.
SIGMA PRIME GEOSCIENCES, INC.
332 PRINCETON AVENUE
HALF MOON BAY, CA 94019
(650) 728-3590
FAX 728-3593

DATE: 1-7-21
DRAWN BY: CMK
CHECKED BY: AZG
REV. DATE: 10-6-21
REV. DATE:
REV. DATE:

SITE PLAN
JOSWIAK PROPERTY
2450 PURISIMA CREEK ROAD
HALF MOON BAY
APN 066-230-050

SHEET
C-1

GENERAL NOTES

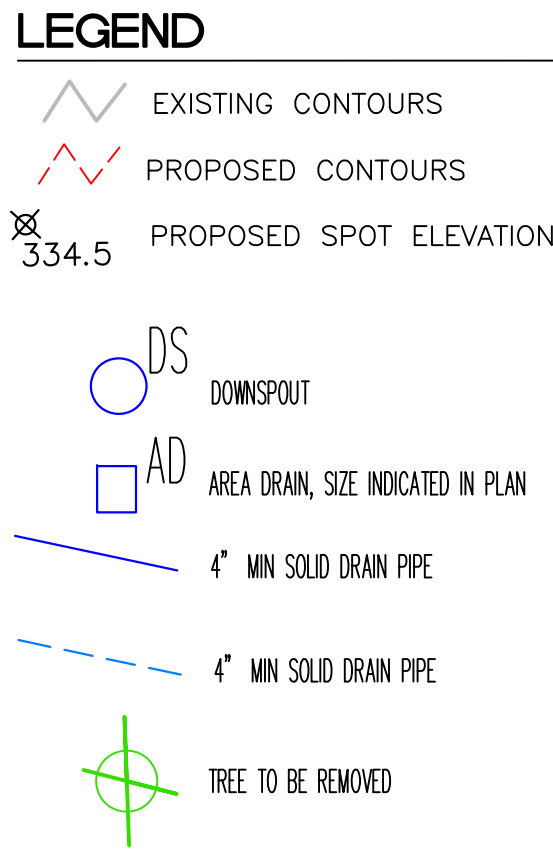
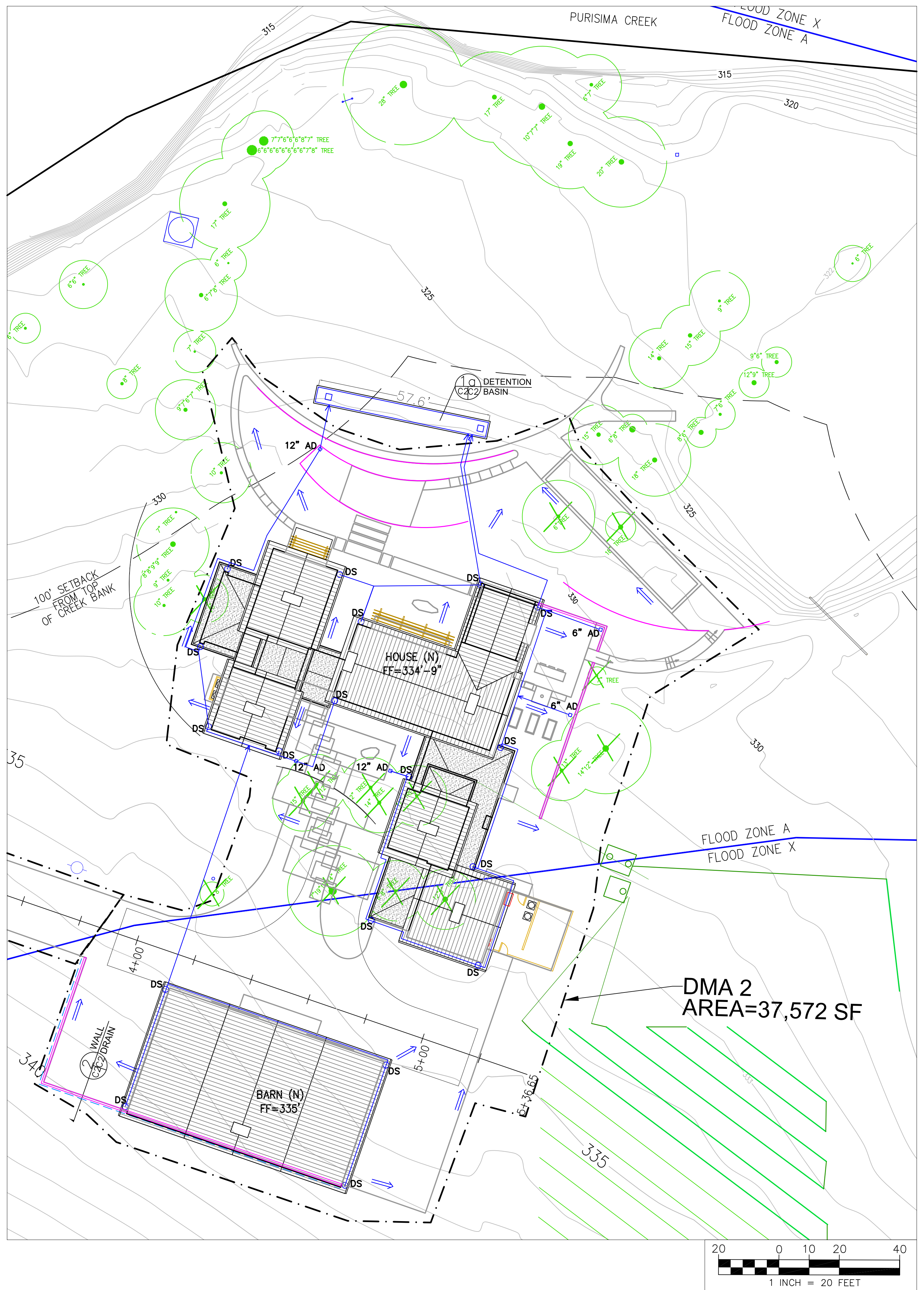
1. PLANS PREPARED AT THE REQUEST OF:
GREG JOSWIAK, OWNER
2. TOPOGRAPHY BY MACLEOD AND ASSOC., SURVEYED AUGUST, 2019.
3. THIS IS NOT A BOUNDARY SURVEY.
4. ELEVATION DATUM NAVD88.
5. THE GEOTECHNICAL REPORT: PENDING.
6. STORMWATER MANAGEMENT CONSTRUCTION INSPECTIONS SHALL BE SCHEDULED FOR APPLICABLE DRAINAGE INSPECTIONS, WHICH INCLUDE SITE CLEARANCE AND EROSION CONTROL MEASURES INSTALLATION AS WELL AS INSPECTION OF MAJOR DRAINAGE CONTAINMENT, TREATMENT, AND CONVEYANCE DEVICES BEFORE BEING BURIED (INCLUDING REQUIRED MATERIAL LABELS, E.G. PIPES, SUB-BGRADE MATERIALS, ETC.). PLEASE FOLLOW THE INSPECTION CARD INSTRUCTIONS AND PHONE NUMBER (650-306-8405 EXT 181) TO SCHEDULE COUNTY DRAINAGE INSPECTIONS ACCORDINGLY. THERE SHALL BE THREE INSPECTIONS: ONE FOR EROSION CONTROL INSTALLATION, ONE BEFORE DRAINAGE FACILITIES ARE BURIED, AND ONE FOR FINAL WALK AROUND.

FEMA FLOOD ZONE NOTES

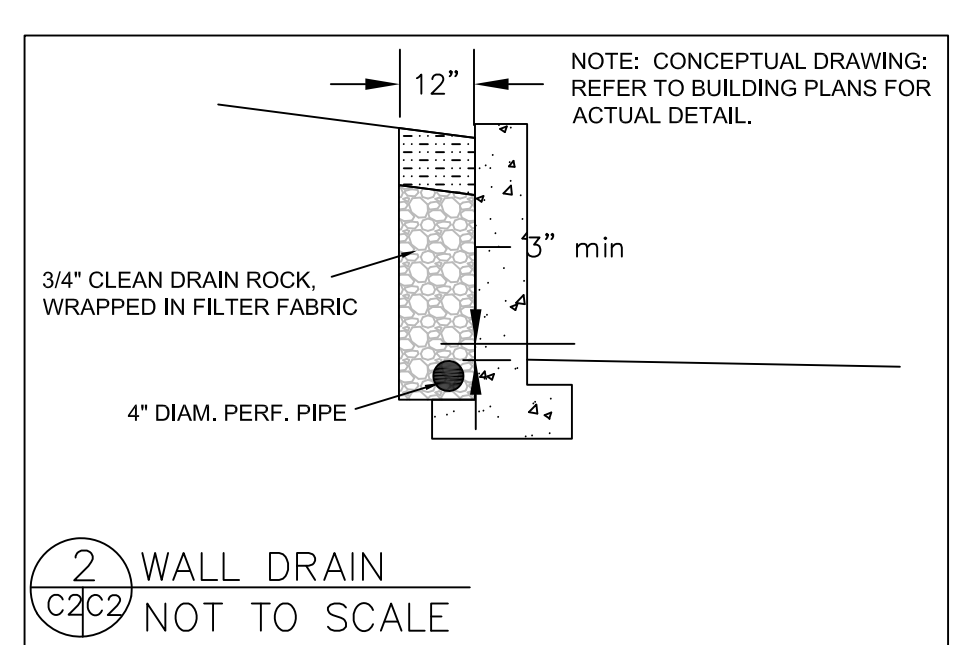
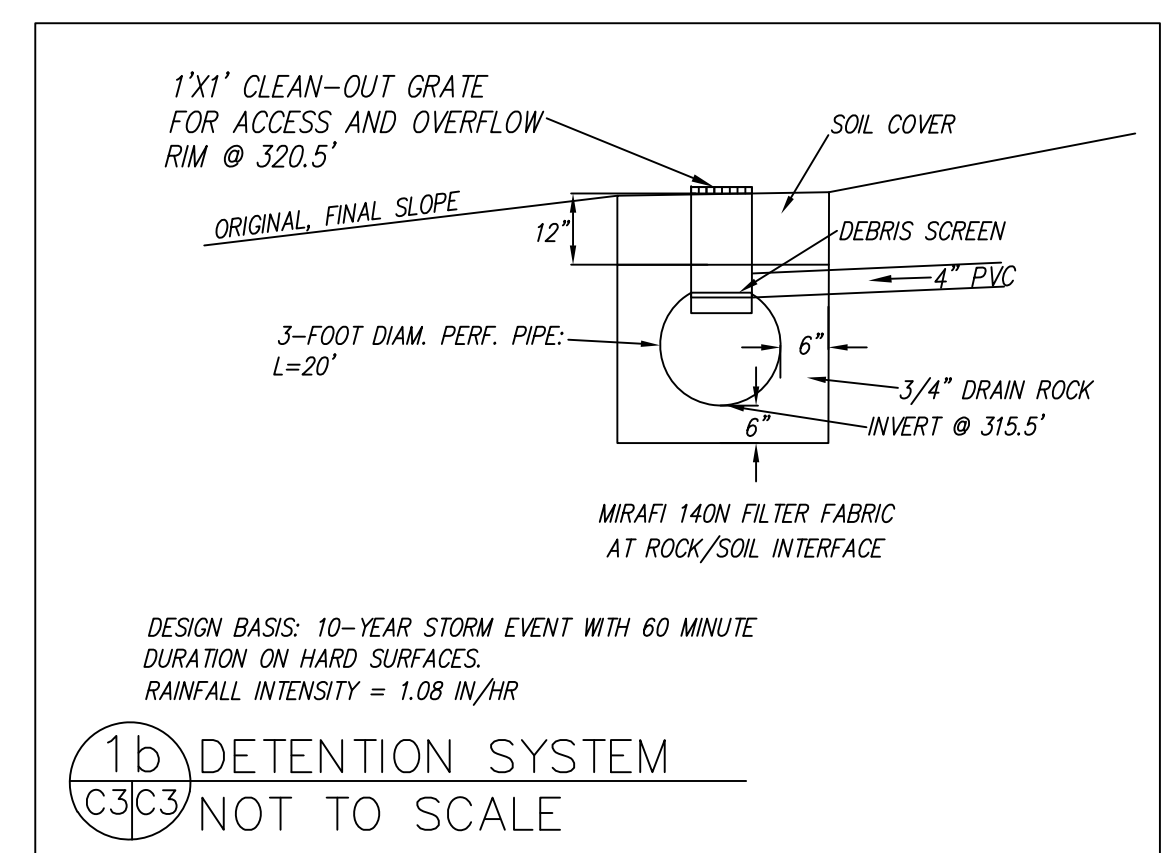
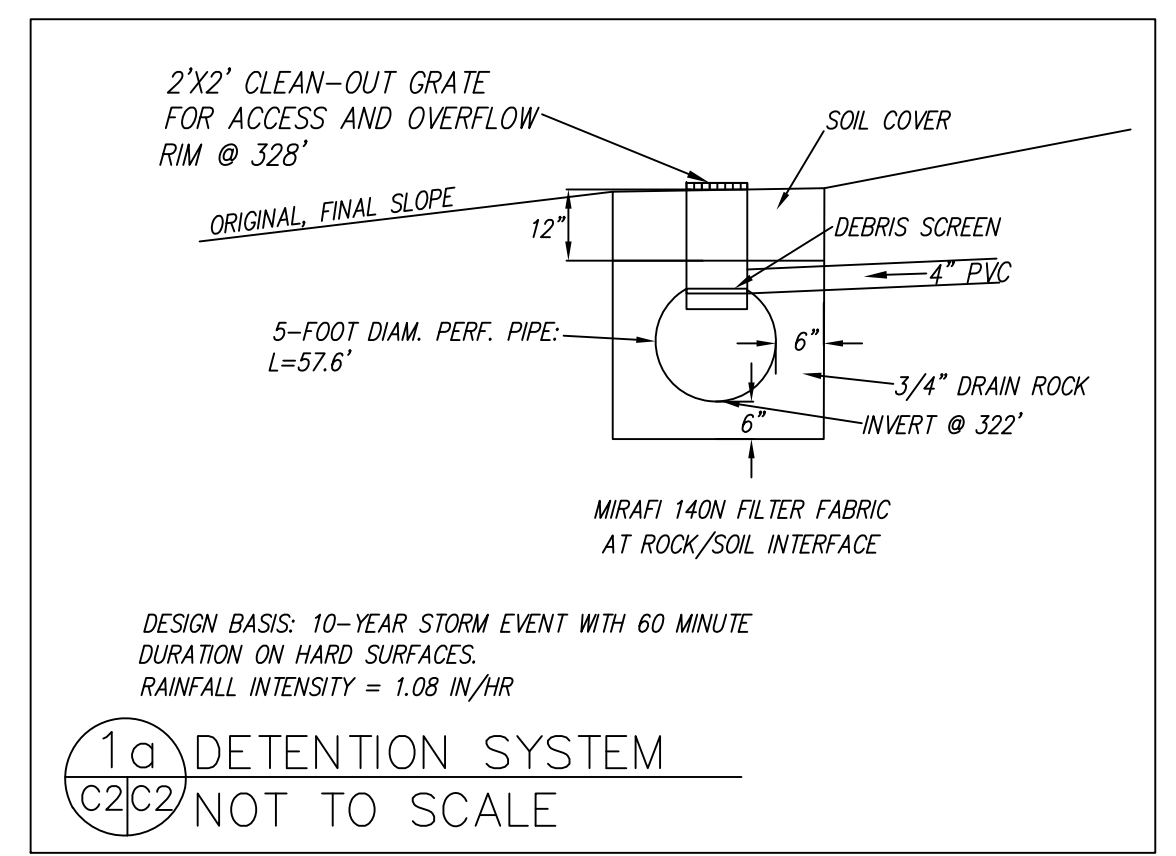
1. A LETTER OF MAP AMMENDMENT HAS BEEN APPROVED BY FEMA.
2. THE APPROVED BASE FLOOD ELEVATION ADJACENT TO THE MAIN HOUSE SITE IS 320.1 FEET.
3. THE PROPOSED FF ELEVATION OF THE MAIN FLOOR IS 334.75 FEET.

CIVIL PLAN SHEET INDEX

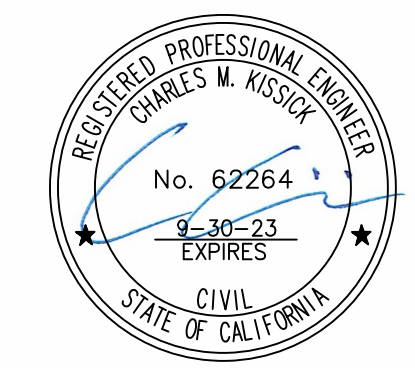
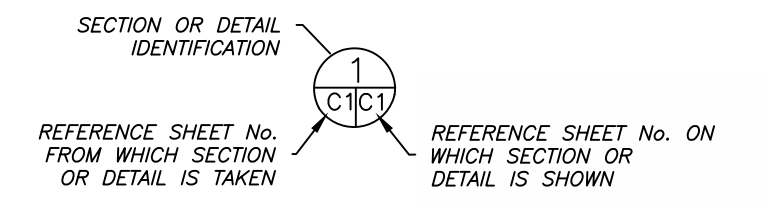
- C-1: SITE PLAN
- C-2: DRAINAGE PLAN - HOUSE (DMA2)
- C-3: DRAINAGE PLAN - DRIVEWAY, AHU (DMAs 1,3,4)
- C-4: GRADING PLAN
- C-5: EROSION AND SEDIMENT CONTROL PLAN



- ### DRAINAGE NOTES
- EXISTING ROOF AREAS = 6,024 SF
 EXISTING PAVED AREAS = 28,022 SF
 PROPOSED ROOF AREAS = 13,538 SF
 PROPOSED PAVED AREAS = 33,934 SF
 INCREASE IN ROOF AREAS = 7514 SF
 INCREASE IN PAVED AREAS = 5912 SF
 TOTAL INCREASE IN IMPERVIOUS SURFACES = 13,426 SF
 1. DRAINAGE INTENT: IT IS THE INTENT OF THE DRAINAGE SYSTEM TO CONVEY ROOF RUNOFF TO A SAFE LOCATION, AND TO MINIMIZE EXCESSIVE MOISTURE AROUND FOUNDATIONS. DIRECT SLOPES SUCH THAT STORMWATER WILL NOT BE DIVERTED ONTO ADJACENT PROPERTIES.
 2. DOWNSPOUT DRAIN LINES FROM MAIN HOUSE AND BARN SHALL LEAD TO DETENTION BASIN, AS SHOWN.
 3. ALL ROOF DRAINAGE PIPES SHALL BE 4" DIAMETER MINIMUM SOLID PIPE, SLOPED AT 1% MINIMUM.
 4. RUNOFF FROM THE DRIVEWAY SHALL BE DIRECTED TO THE THE ADJACENT LANDSCAPING AREA.
 5. RUNOFF FROM THE AHU SHALL BE DIRECTED TO DETENTION BASIN, AS SHOWN.
 6. IT IS THE PROPERTY OWNER'S RESPONSIBILITY TO CHECK ON ALL STORMWATER FACILITIES SUCH AS ROOF GUTTERS, DOWNSPOUT LINES, AND THE DETENTION BASIN/ENERGY DISSIPATER TO BE SURE THAT THEY ARE CLEAR OF EXCESSIVE DEBRIS AND OPERATING EFFICIENTLY. THE FACILITIES SHALL BE CHECKED EVERY FALL AND PERIODICALLY DURING THE RAINY SEASON.



SECTION AND DETAIL CONVENTION

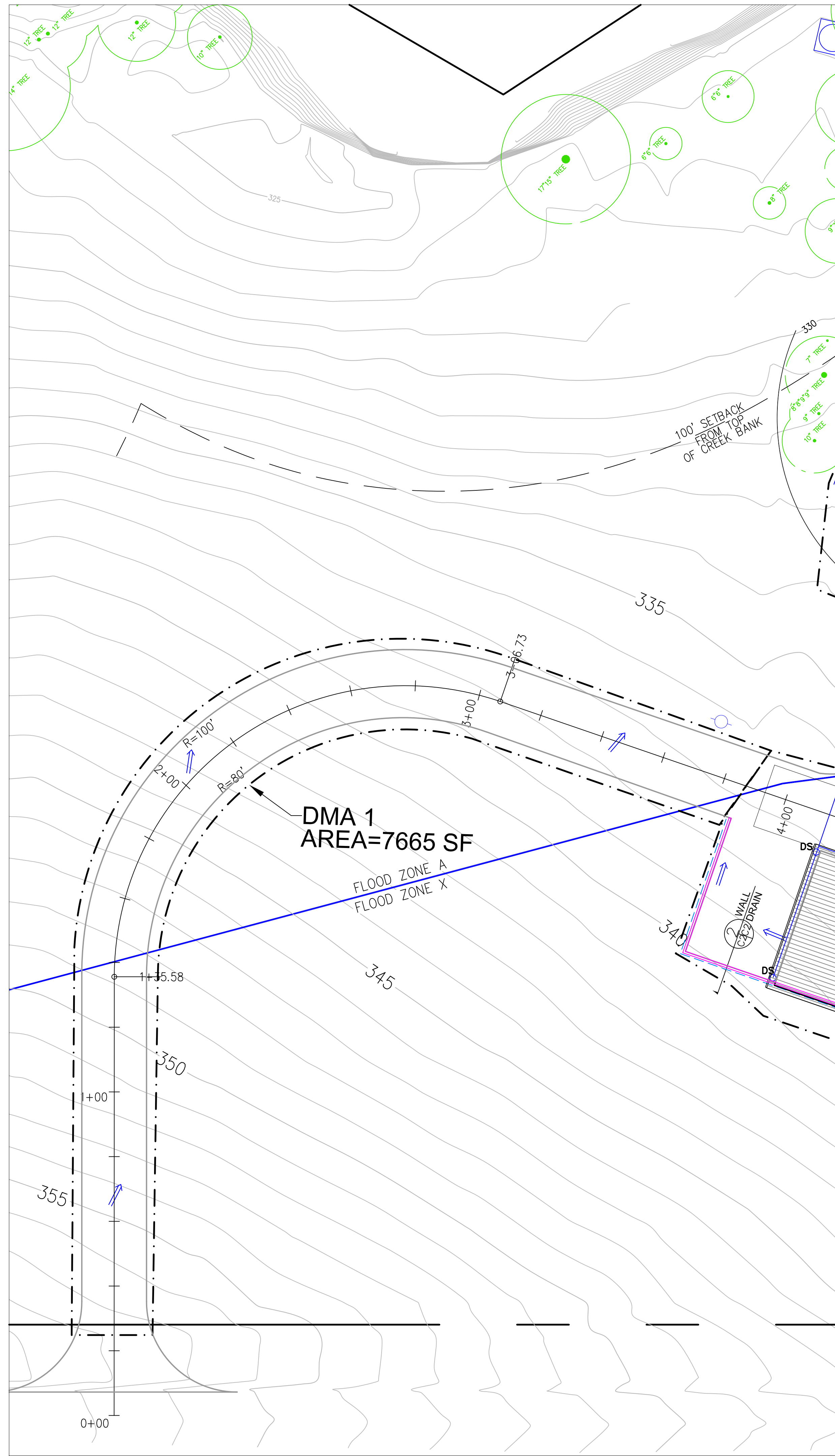


Sigma Prime Geosciences, Inc.
 SIGMA PRIME GEOSCIENCES, INC.
 332 PRINCETON AVENUE
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 (650) 728-3590
 FAX 728-3593

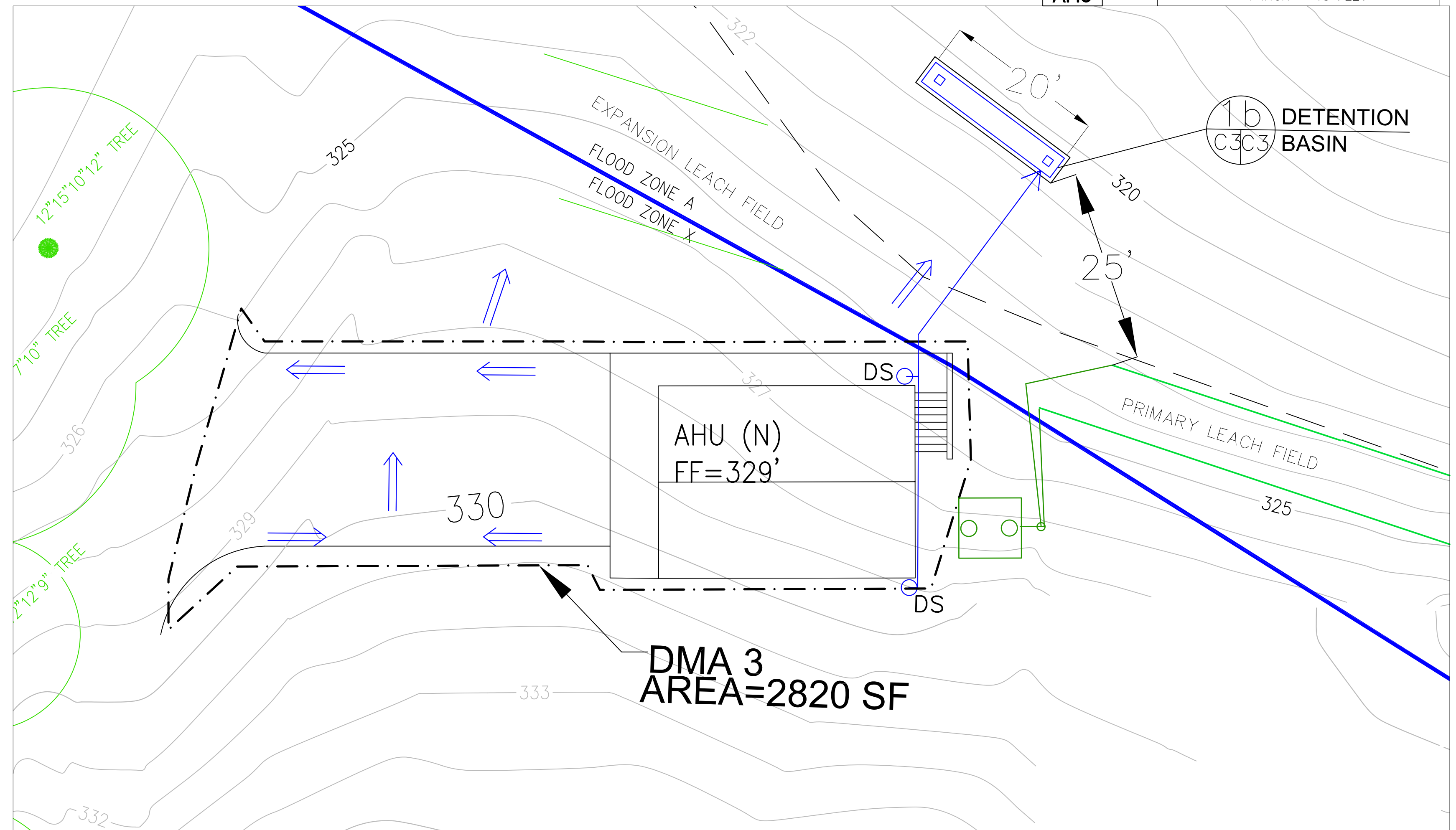
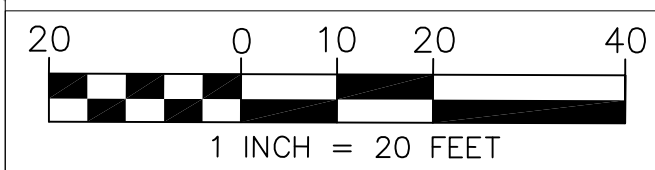
DATE: 3-24-20
 DRAWN BY: CMK
 CHECKED BY: AZG
 REV. DATE: 4-7-21
 REV. DATE: 10-6-21
 REV. DATE:

DRAINAGE PLAN —
 HOUSE (DMA2)
 JOSWIAK PROPERTY
 2450 PURISIMA CREEK ROAD
 HALF MOON BAY
 APN 066-230-050

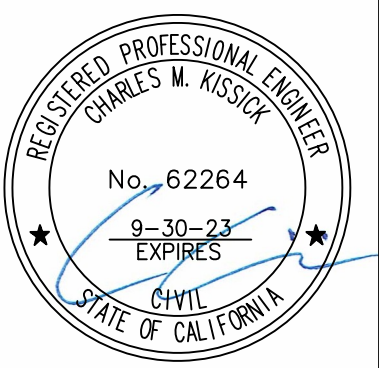
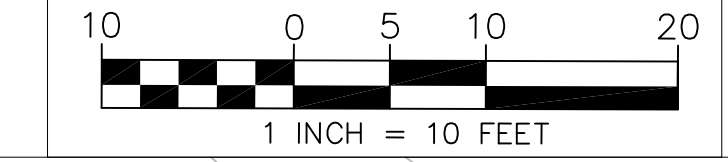
SHEET
C-2



DRIVEWAY



AHU

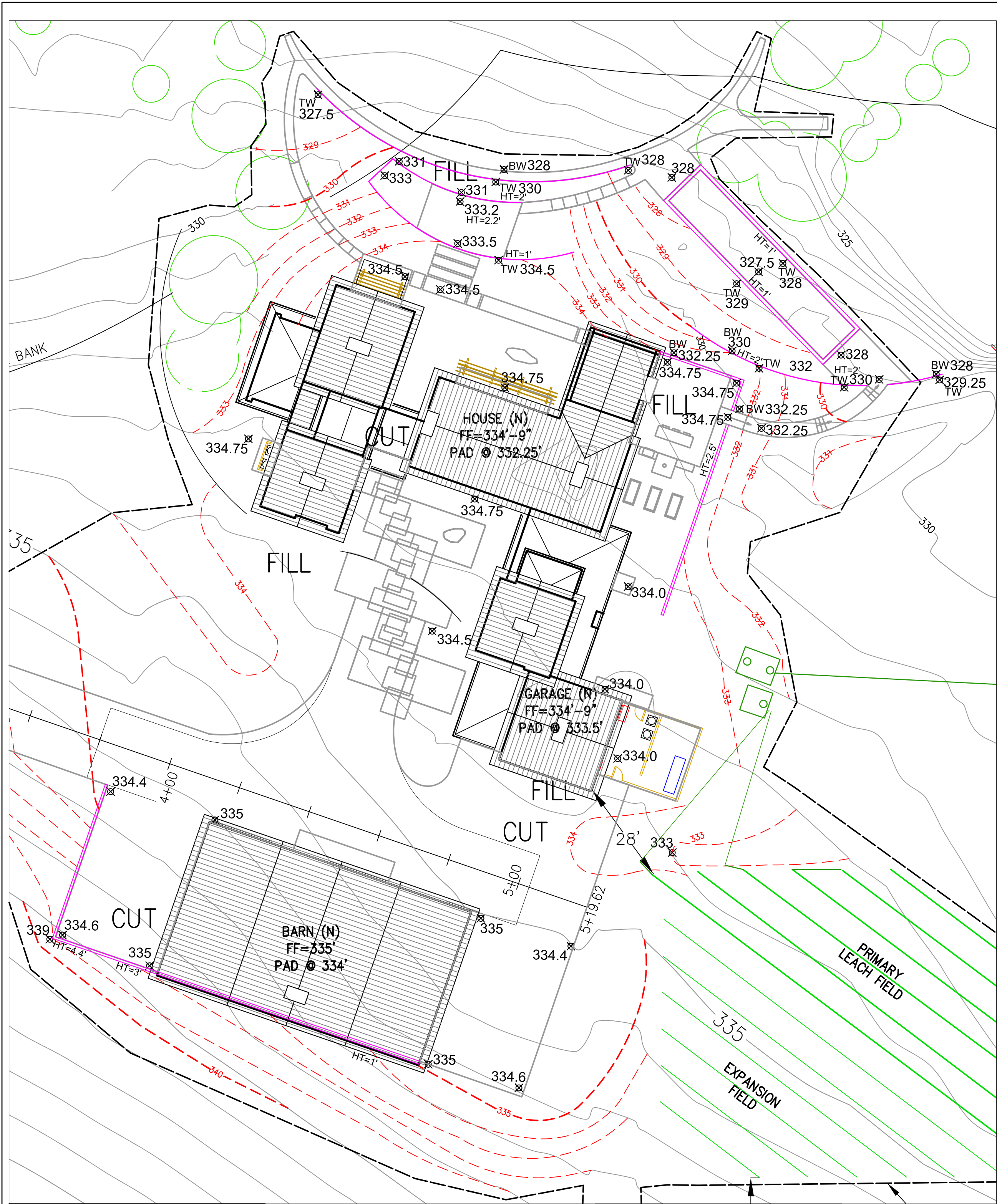


DATE: 3-30-20	DRAWN BY: CMK	CHECKED BY: AZG
SIGMA PRIME GEOSCIENCES, INC. 332 PRINCETON AVENUE MOON BAY, CA 94019 (650) 728-5690 FAX 728-5695		
REV. DATE: 1-7-21	REV. DATE: 10-6-21	REV. DATE:

DRAINAGE PLAN -
DRIVEWAY, AHU
(DMAs 1,3)

JOSWIAK PROPERTY
2450 PUPIRISIMA CREEK ROAD
HALF MOON BAY
APN 066-230-050

SHEET
C-3



MAIN HOUSE AND BARN

GRADING NOTES

CUT VOLUME : 1400 CY
 FILL VOLUME: 1400 CY
 TOTAL: 2800 CY

VOLUMES ABOVE ARE APPROXIMATE.

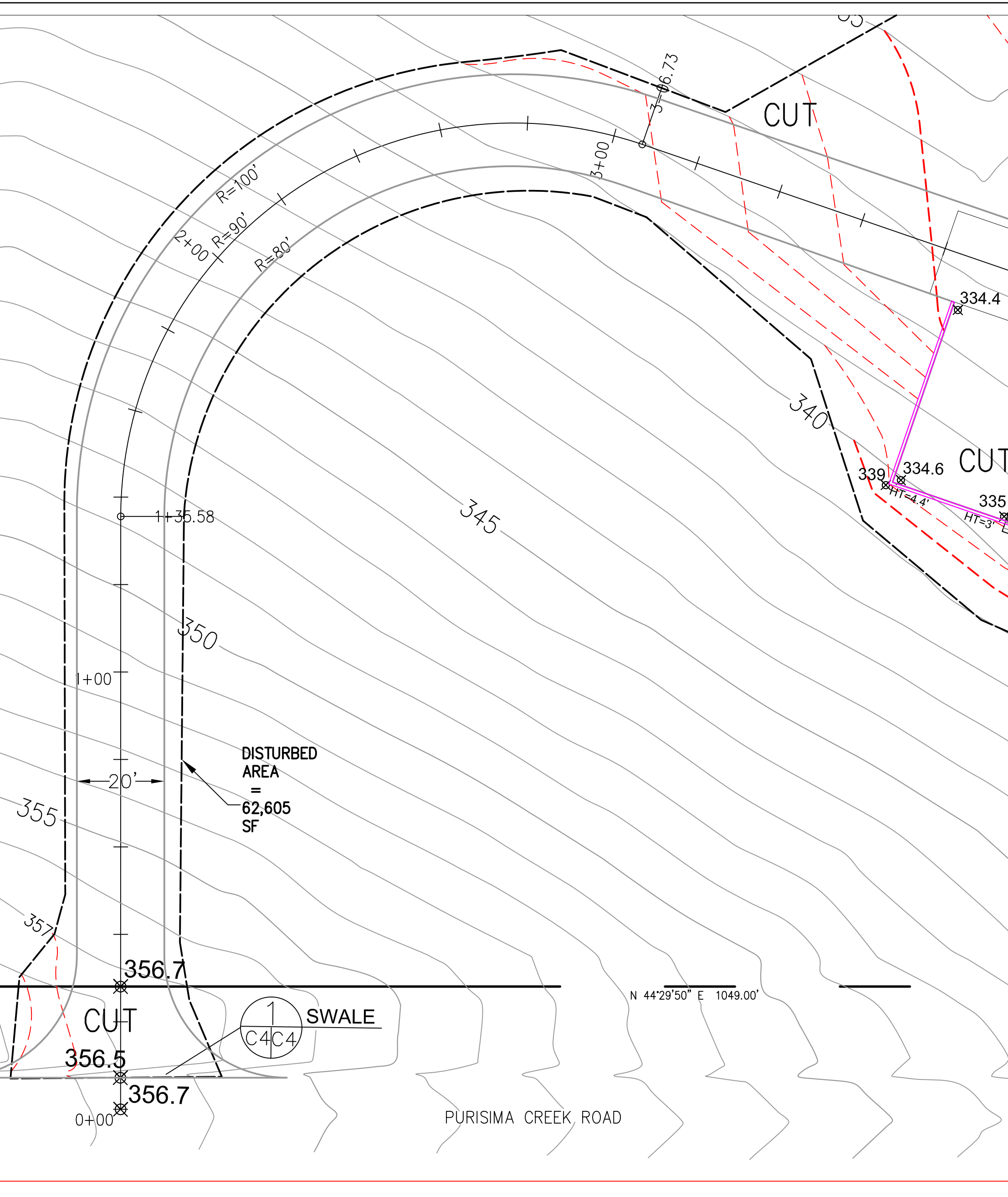
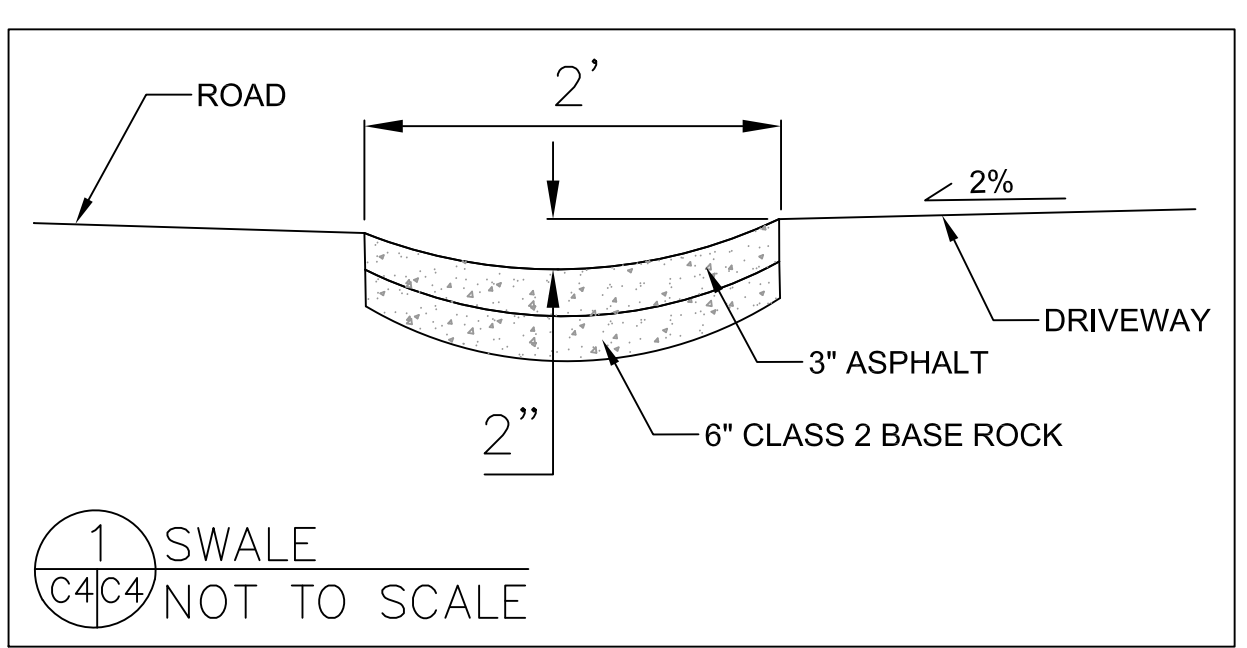
THE SUBGRADE BELOW ALL PAVED AREAS SHALL BE BASEROCK COMPACTED TO 95%.

ALL GRADING SHALL CONFORM TO LOCAL CODES AND ORDINANCES.

ALL TRENCHES UNDER PROPOSED PAVED AREAS OR CONCRETE SHALL BE BACKFILLED TO SUBGRADE ELEVATION WITH COMPACTED APPROVED GRANULAR MATERIALS. IF TRENCHES ARE IN PROPOSED LANDSCAPE AREAS, THEY SHALL BE BACKFILLED WITH COMPACTED APPROVED GRANULAR MATERIAL TO WITHIN ONE FOOT OF FINISHED GRADE, AND THEN FILLED WITH HAND TAMPED SOILS.

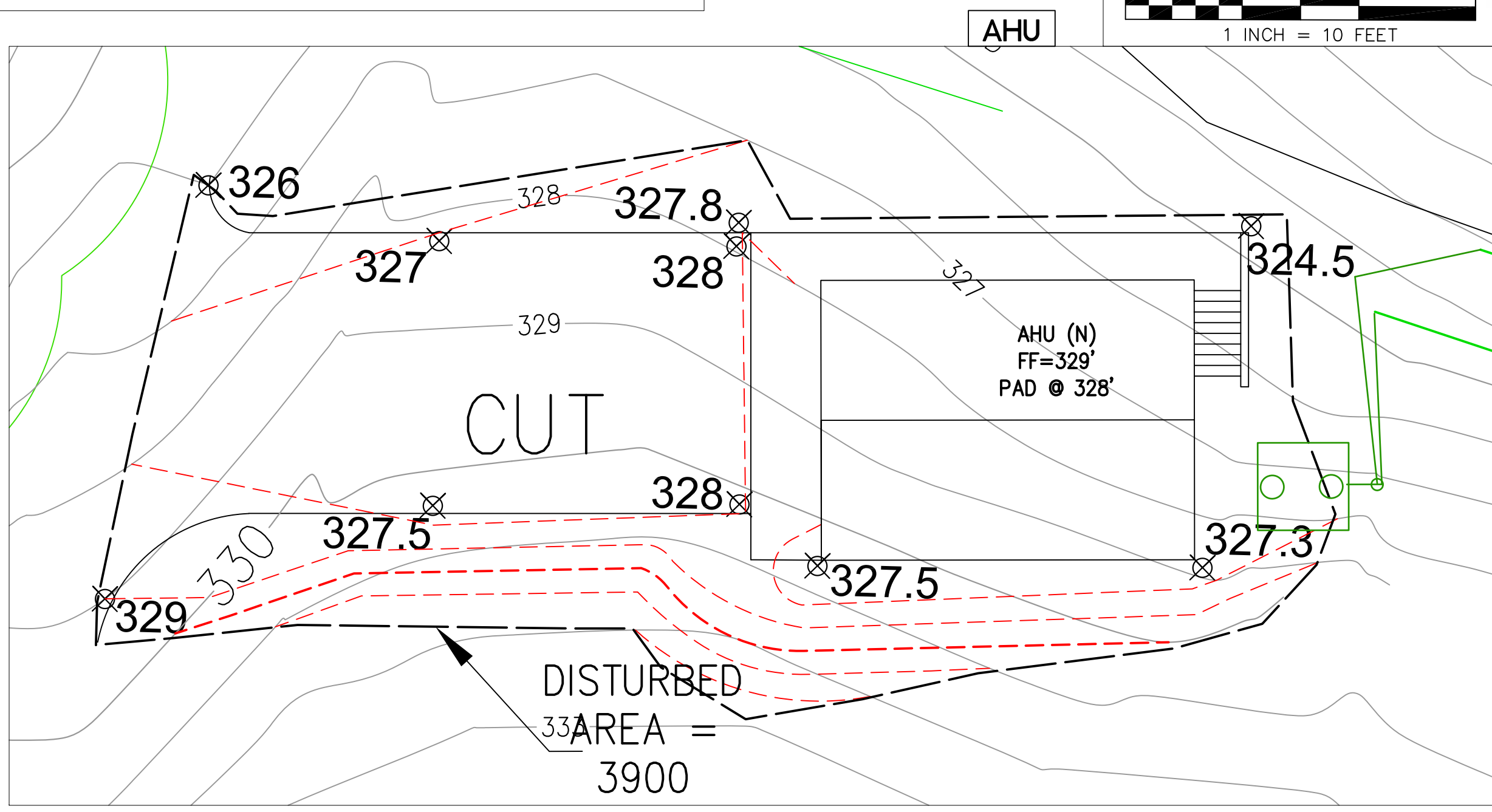
LEGEND

	EXISTING CONTOURS
	PROPOSED CONTOURS
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION

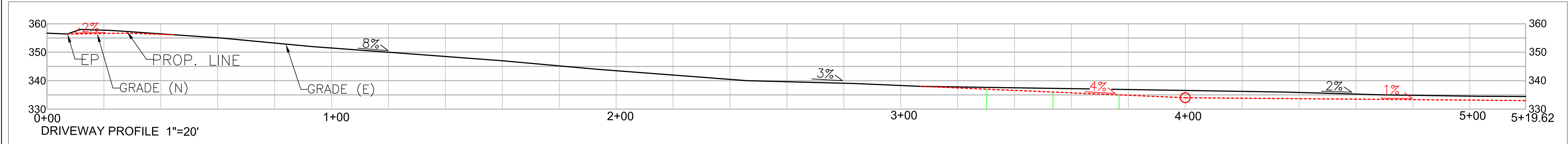


1 INCH = 20 FEET

DRIVEWAY



1 INCH = 10 FEET

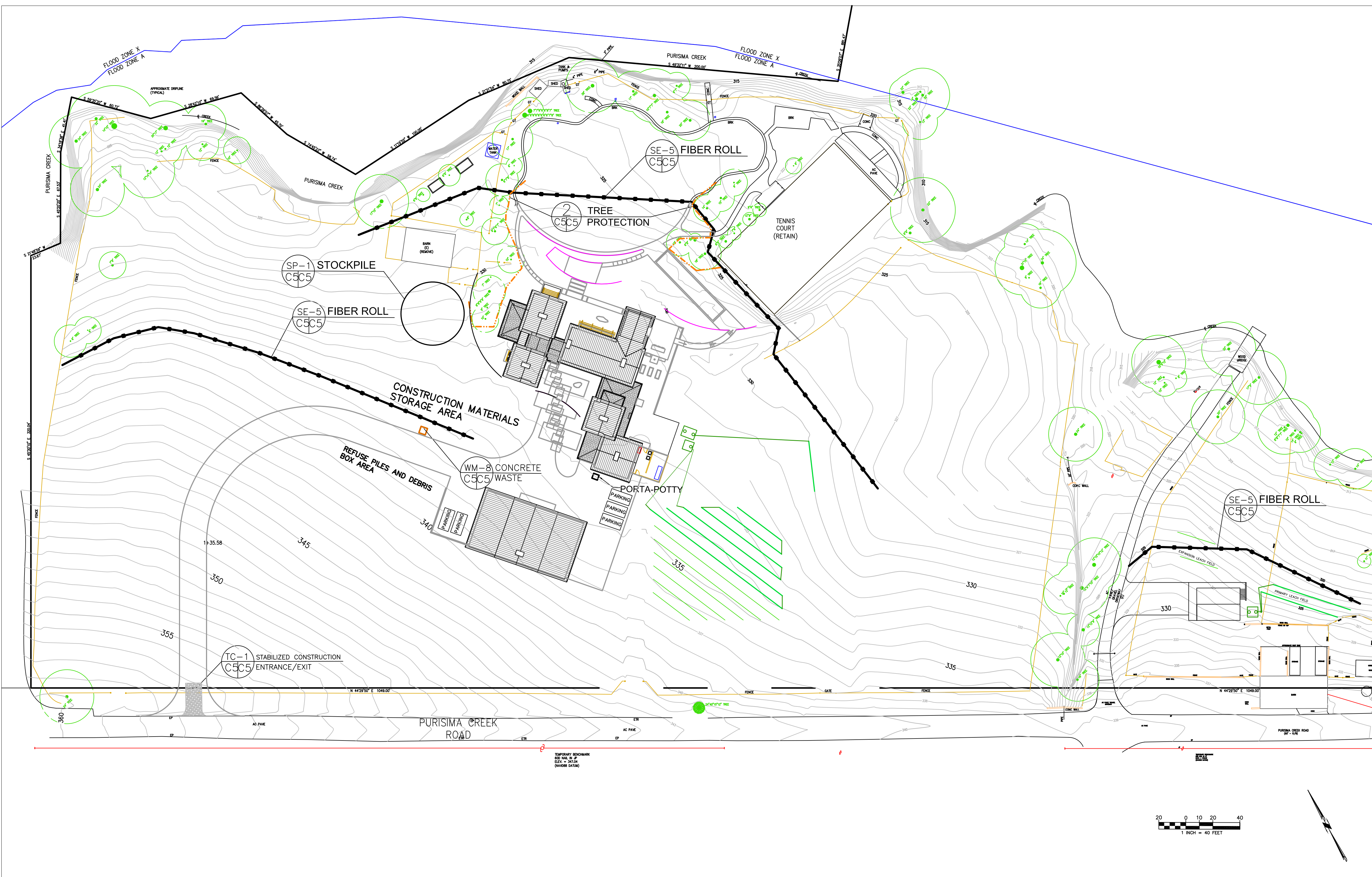


Sigma Prime Geosciences, Inc.
 SIGMA PRIME GEOSCIENCES, INC.
 332 PRINCETON AVENUE
 HALF MOON BAY, CA 94019
 (650) 728-3990
 FAX 728-3993

DATE: 3-30-20	DRAWN BY: CMK	CHECKED BY: AZG
		REV. DATE: 1-7-21
		REV. DATE: 10-6-21
		REV. DATE:

GRADING PLAN
 JOSWIAK PROPERTY
 2450 PURISIMA CREEK ROAD
 HALF MOON BAY
 APN 066-230-050

SHEET
C-4



GENERAL EROSION AND SEDIMENT CONTROL NOTES

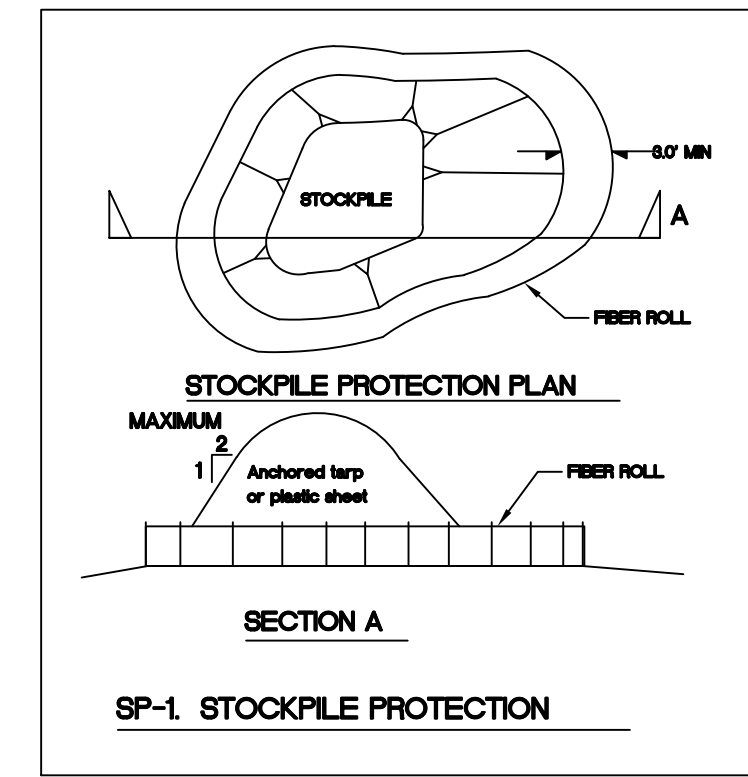
FIBER ROLL
INSTALL AT LOCATIONS SHOWN.
AFIX AS SHOWN IN DETAIL SE-5

- Perform clearing and earth-moving activities only during dry weather. Measures to ensure adequate erosion and sediment control shall be installed prior to earth-moving activities and construction.
- Erosion control materials to be on-site during off-season.
- Measures to ensure adequate erosion and sediment control are required year-round. Stabilize all denuded areas and maintain erosion control measures continuously between October 1 and April 30.
- Store, handle, and dispose of construction materials and wastes properly, so as to prevent their contact with stormwater.
- Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, wash water or sediments, and non-stormwater discharges to storm drains and watercourses.
- Avoid cleaning, fueling, or maintaining vehicles on-site, except in a designated area where wash water is contained and treated.
- Limit and time applications of pesticides and fertilizers to prevent polluted runoff.
- Limit construction access routes to stabilized, designated access points
- Avoid tracking dirt or other materials off-site; clean off-site paved areas and sidewalks using dry sweeping methods.
- Train and provide instruction to all employees and subcontractors regarding the Watershed Protection Maintenance Standards and construction Best Management Practices.
- Placement of erosion materials is required on weekends and during rain events.
- The areas delineated on the plans for parking, grubbing, storage etc., shall not be enlarged or "run over."
- Dust control is required year-round.
- Erosion control materials shall be stored on-site.

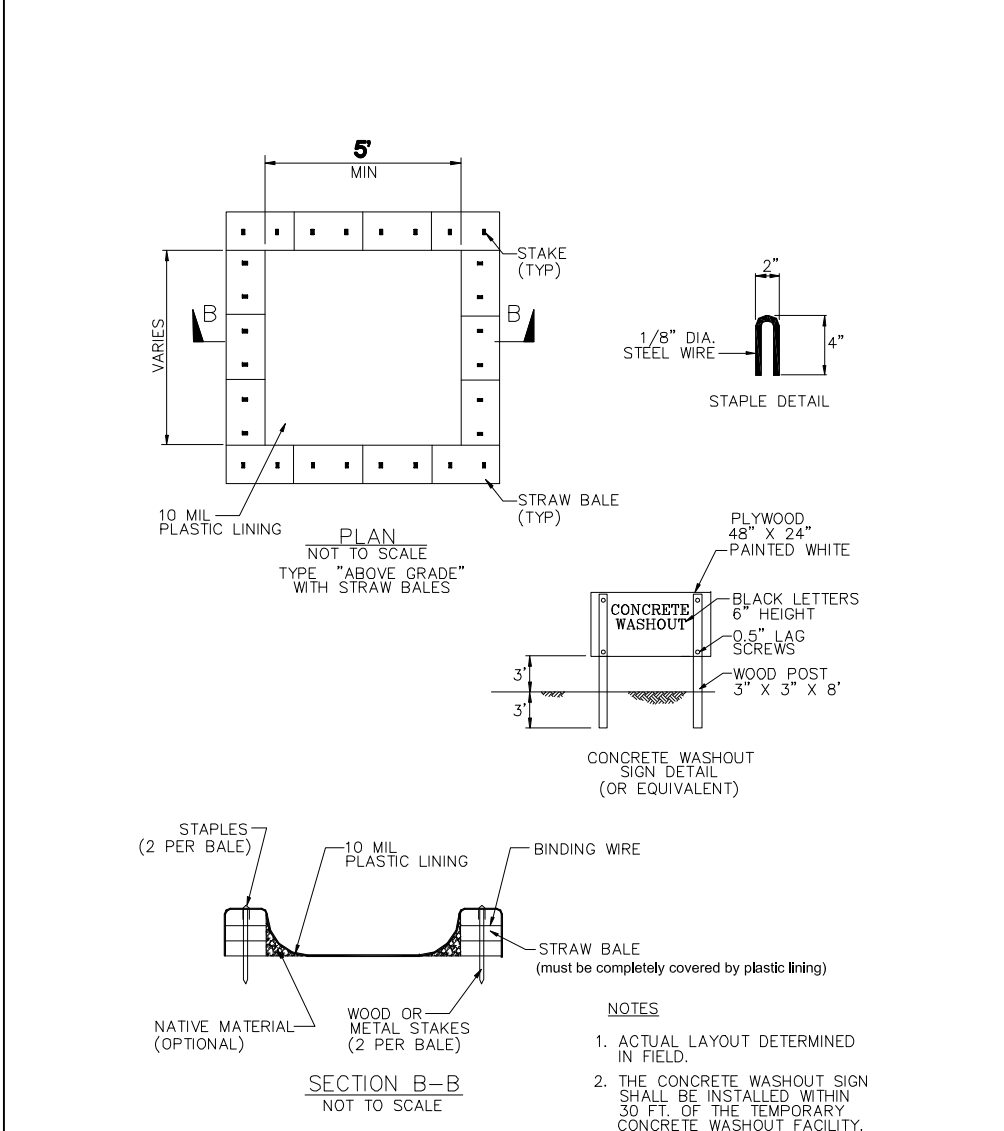
EROSION CONTROL POINT OF CONTACT

THIS PERSON WILL BE RESPONSIBLE FOR EROSION CONTROL AT THE SITE AND WILL BE THE COUNTY'S MAIN POINT OF CONTACT IF CORRECTIONS ARE REQUIRED.

NAME: KURT SIMROCK
TITLE/QUALIFICATION: ARCHITECT
PHONE: 415-357-4411
PHONE:
E-MAIL: KURT@ARCANUMARCHITECTURE.COM

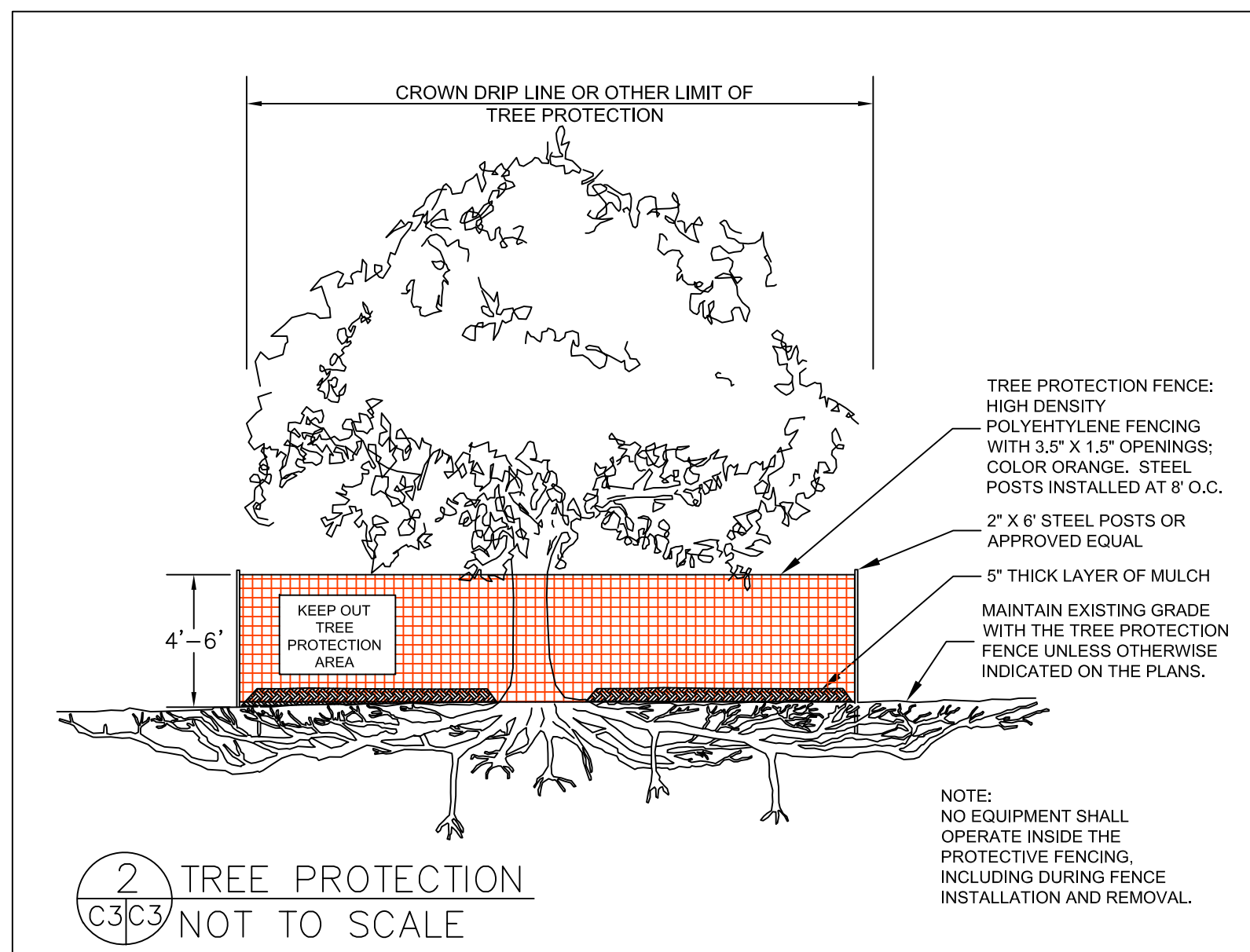


CONCRETE WASTE MANAGEMENT WM-8

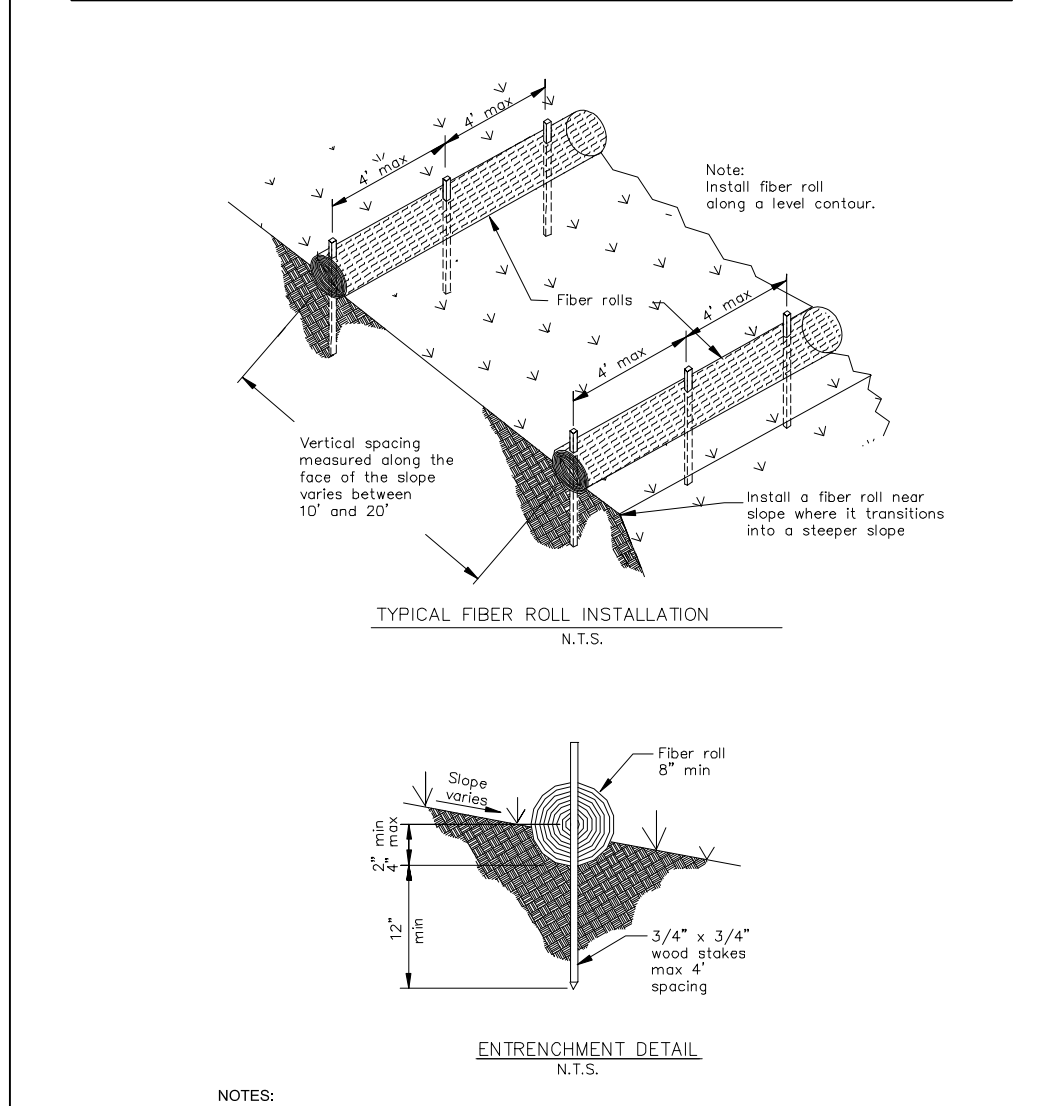


TREE PROTECTION NOTES

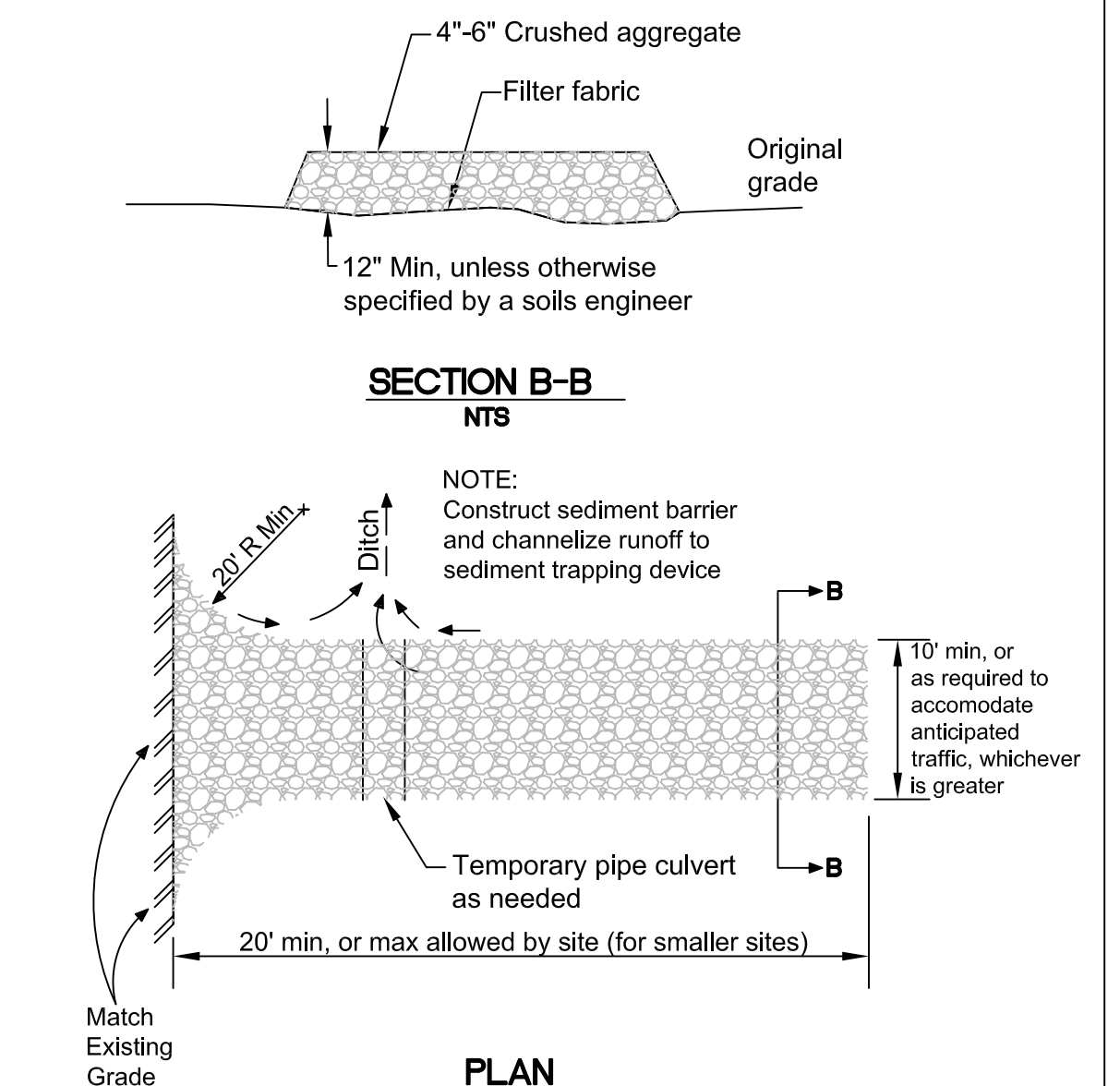
- TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY GRADING AND REMAIN ON-SITE THROUGHOUT CONSTRUCTION PROCESS.
- TREE PROTECTION FENCES SHALL BE INSTALLED AS CLOSE TO DRIP LINES AS POSSIBLE.
- OWNER/BUILDER SHALL MAINTAIN TREE PROTECTION ZONES FREE OF EQUIPMENT AND MATERIALS STORAGE AND SHALL NOT CLEAN ANY EQUIPMENT WITHIN THESE AREAS.
- ANY LARGE ROOTS THAT NEED TO BE CUT SHALL BE INSPECTED BY A CERTIFIED ARBORIST OR REGISTERED FORESTER PRIOR TO CUTTING, AND MONITORED AND DOCUMENTED.
- ROOTS TO BE CUT SHALL BE SEVERED WITH A SAW OR TOPPER.
- PRE-CONSTRUCTION SITE INSPECTION WILL BE REQUIRED PRIOR TO ISSUANCE OF BUILDING PERMIT.



FIBER ROLLS SE-5



STABILIZED CONSTRUCTION ENTRANCE/EXIT TC-1

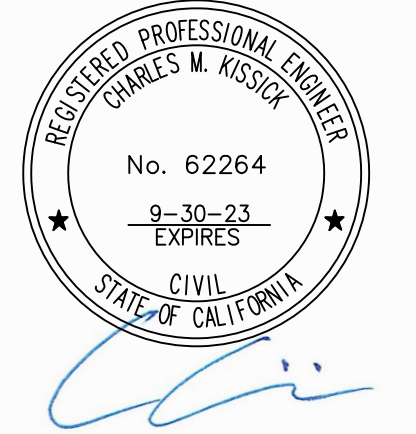
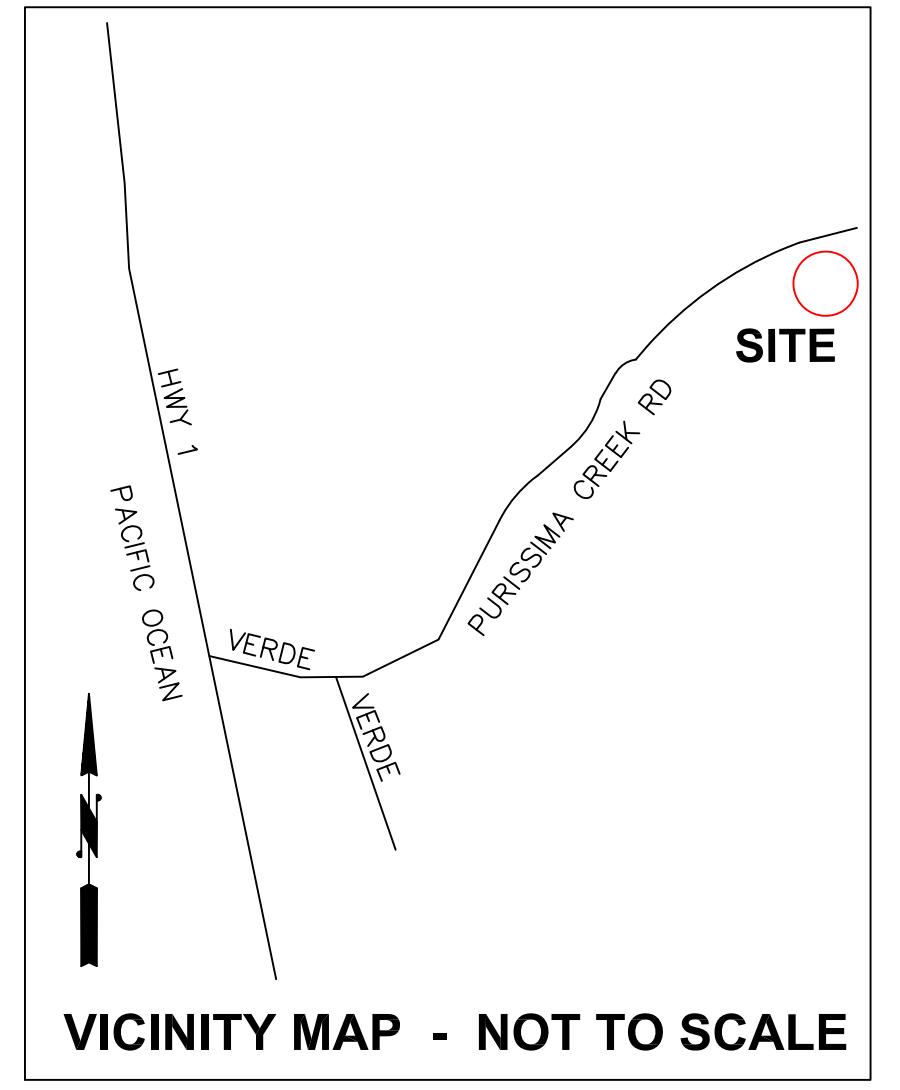
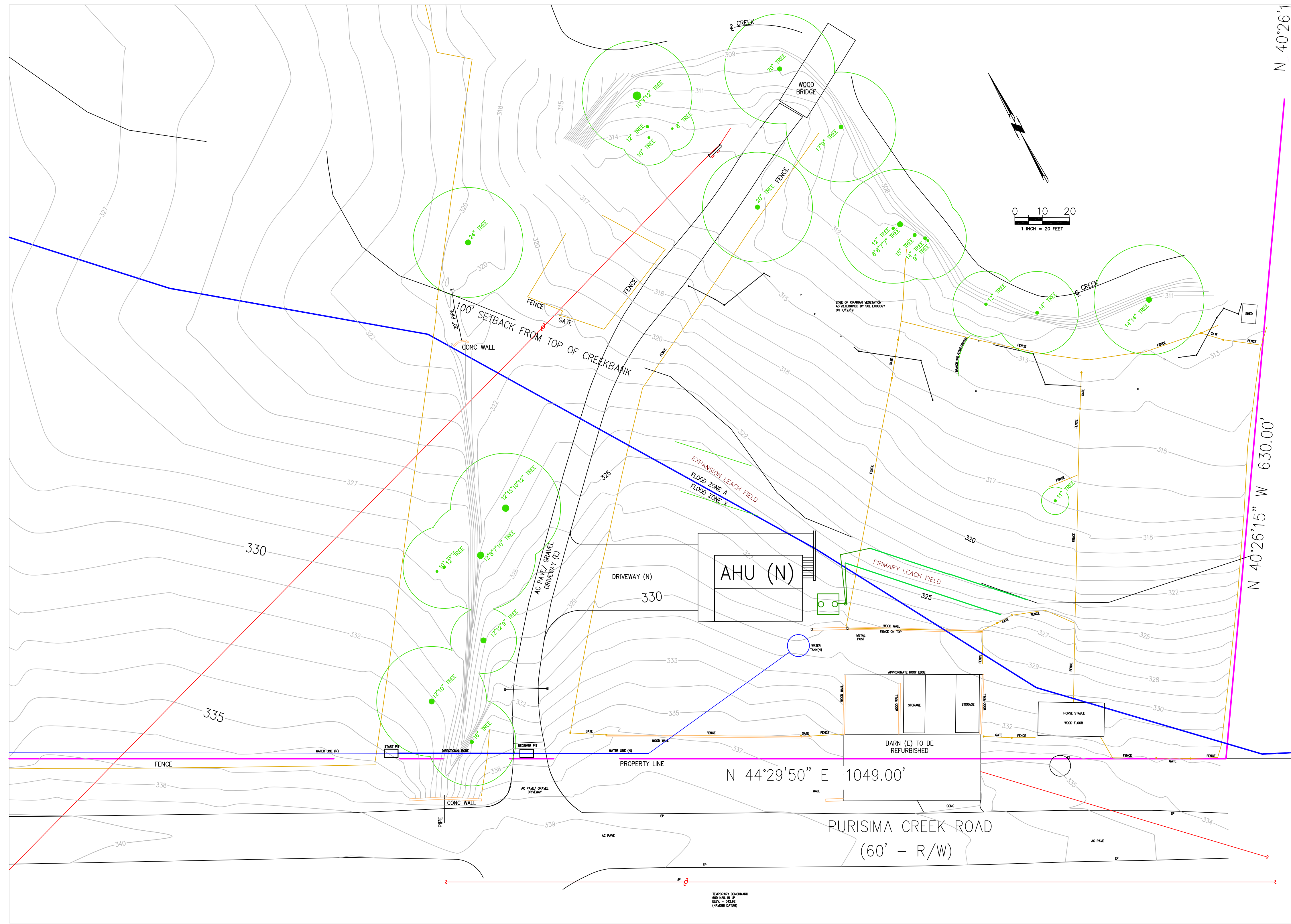


DATE: 9-14-21
DRAWN BY: CMK
CHECKED BY: AZG
REV. DATE: 10-6-21
REV. DATE:
REV. DATE:

Sigma Prime Geosciences, Inc.
SIGMA PRIME GEOSCIENCES, INC.
332 PRINCETON AVENUE
HALF MOON BAY, CA 94019
(650) 728-3590
FAX 728-3593

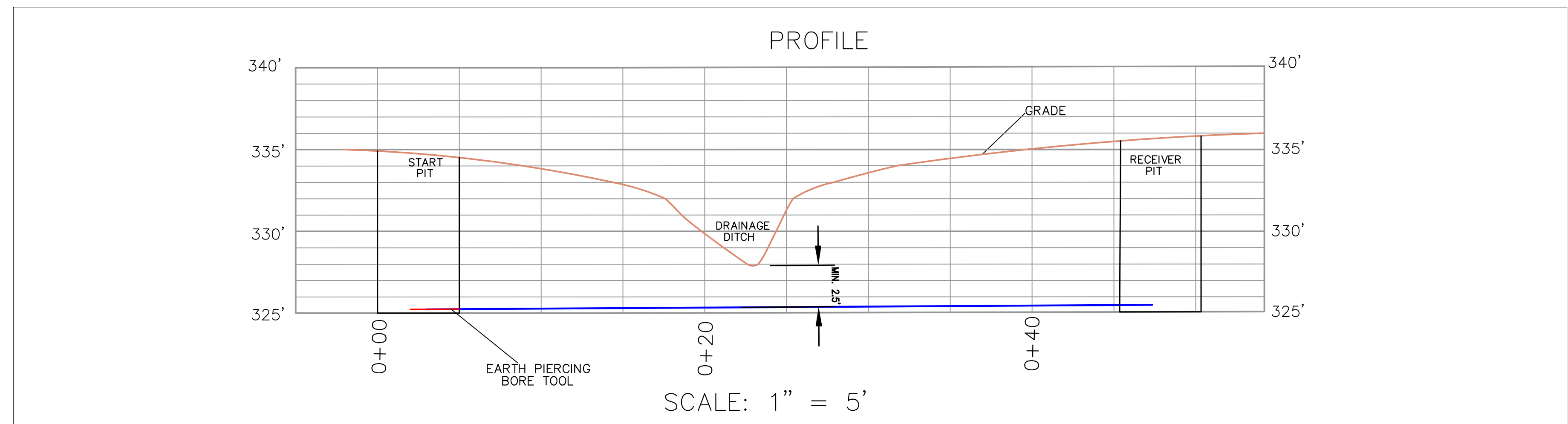
EROSION AND SEDIMENT CONTROL PLAN
JOSWIAK PROPERTY
2450 PURISIMA CREEK ROAD
HALF MOON BAY
APN 066-230-050

SHEET
C-5



GENERAL NOTES

1. PLANS PREPARED AT THE REQUEST OF: GREG JOSWIAK, OWNER
2. TOPOGRAPHY BY MACLEOD AND ASSOC., SURVEYED AUGUST, 2019. THIS IS NOT A BOUNDARY SURVEY.
3. ELEVATION DATUM NAVD88.
4. THE WATER LINE SERVING THE AHU WILL BE INSTALLED BENEATH THE DRAINAGE DITCH USING AN EARTH PIERCING BORETOOL.



<p>Sigma Prime Geosciences, Inc. SIGMA PRIME GEOSCIENCES, INC. 30 PRINCE OF WALES AVENUE HALF MOON BAY, CA 94019 (650) 728-3880 FAX: 728-3883</p>					
DATE: 11-1-21	DRAWN BY: AZG	CHECKED BY: CMK	REV. DATE: 10-6-21	REV. DATE:	REV. DATE:
<p>WATER LINE BENEATH DRAINAGE DITCH</p> <p>JOSWIAK PROPERTY 2450 PURISIMA CREEK ROAD HALF MOON BAY APN 066-230-050</p>					
<p>SHEET C-6</p>					