

STORM DRAINAGE NOTES

- CULVERTS SHALL BE REINFORCED CONCRETE PIPE (RCP), POLYVINYL CHLORIDE (PVC), OR HIGH DENSITY POLYETHYLENE (HDPE) AND SHALL HAVE A SMOOTH INTERIOR CONFORMING TO SANTA CLARA COUNTY DRAINAGE MANUAL.
- INLETS SHALL BE CHRISTY CONCRETE PRODUCTS OR APPROVED EQUAL.
- CONNECT ALL DOWNSPOUTS TO 4" PERIMETER STORM DRAIN.

FIRE ACCESS NOTE

FIRE DEPARTMENT ACCESS SHALL BE MADE ON AN "ALL WEATHER" MATERIAL CAPABLE OF HOLDING 75,000 LBS.

TOPOGRAPHIC SURVEY

THE TOPOGRAPHIC SURVEY AND BOUNDARY INFORMATION PROVIDED HEREON WAS COMPLETED BY CARNES AND EOKPARIAN, INC. AND ASSOCIATED TERRA CONSULTANTS, INC. RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF BOTH. THE CONTRACTOR SHALL VERIFY THE BOUNDARY LOCATION AND TOPOGRAPHIC INFORMATION PRIOR TO COMMENCING WORK.

BASIS OF BEARINGS

THE BEARINGS ON THIS MAP ARE BASED ON THE NORTHEASTERLY LINE OF PARCEL 2 (BETWEEN S.F. WATER DEPT MON #97 AND S.F. DEPT MON #96) AS FOUND MONUMENTED AND RECORDED AS SOUTH 42°28'08"E IN BOOK 513 OF MAPS, AT PAGE 37, RECORDS OF SANTA CLARA COUNTY, CALIFORNIA

BASIS OF ELEVATION

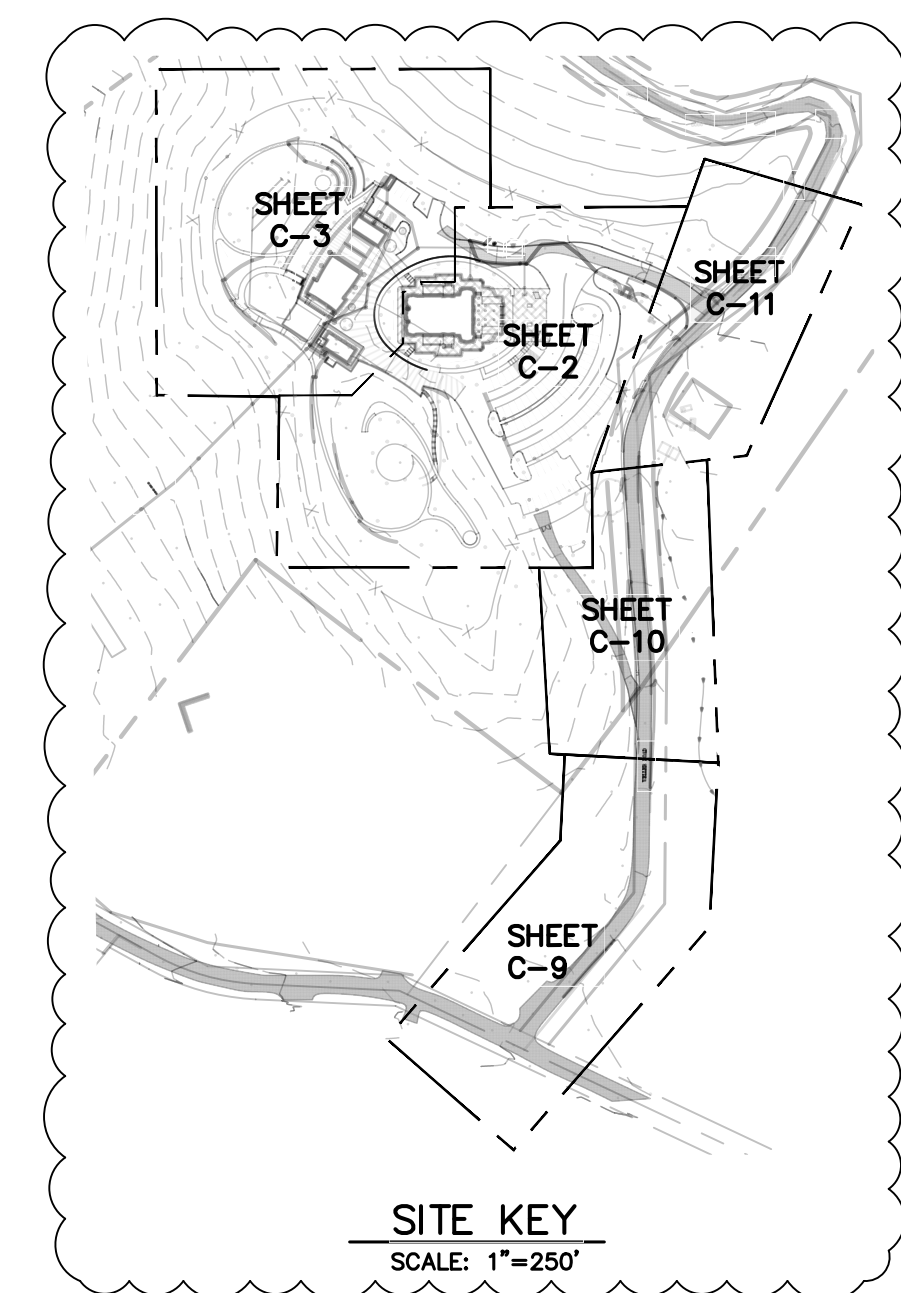
LOCAL ASSUMED DATUM: NAIL IN ROAD AS INDICATED ON THE PLANS EL=5001.79.

STORM DRAIN SYSTEM MAINTENANCE

THE PROJECT OWNER IS RESPONSIBLE FOR MAINTAINING THE STORM DRAINAGE SYSTEM AND ALL COMPONENTS. EVERY YEAR, PRIOR TO THE WET WEATHER SEASON (OCTOBER 15TH) ALL THE CATCH BASINS AND STORM DRAIN CLEANOUTS SHALL BE INSPECTED AND CLEANED OF ANY DEBRIS, SILT, TRASH AND SEDIMENT.

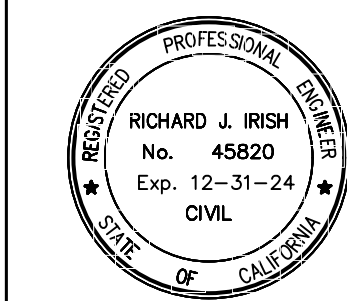
EARTHWORK AND GRADING

- WORK SHALL CONSIST OF ALL CLEARING, GRUBBING, STRIPPING, PREPARATION OF LAND TO BE FILLED, EXCAVATION, SPREADING, COMPACTION AND CONTROL OF FILL, AND ALL SUBSIDIARY WORK NECESSARY TO COMPLETE THE GRADING TO CONFORM TO THE LINES, GRADES, AND SLOPES, AS SHOWN ON THE APPROVED PLANS.
- ALL GRADING OPERATIONS SHALL CONFORM TO SECTION 19 OF THE CALTRANS STANDARD SPECIFICATIONS, AND SHALL ALSO BE DONE IN CONFORMANCE WITH THE REQUIREMENTS OF THE COUNTY OF SANTA CLARA. THE MOST STRINGENT GUIDELINE SHALL PREVAIL.
- REFERENCE IS MADE TO THE GEOTECHNICAL INVESTIGATIONS BY ASSOCIATED TERRA CONSULTANTS, INC. ENTITLED "REVISED ENGINEERING GEOLOGIC AND GEOTECHNICAL SOILS INVESTIGATION FOR PROPOSED NEW RELIGIOUS CAMPUS," DATED MARCH 4, 2021. THE CONTRACTOR SHALL MAKE A THOROUGH REVIEW OF THIS REPORT AND SHALL FOLLOW ALL RECOMMENDATIONS THEREIN. THE CONTRACTOR SHALL CONTACT KATIE BRYANT, FOR ANY CLARIFICATIONS NECESSARY PRIOR TO PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL GRADE TO THE LINE AND ELEVATIONS SHOWN ON THE PLAN AND SHALL SECURE THE SERVICES OF A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER TO PROVIDE STAKES FOR LINE AND GRADE.
- THE GEOTECHNICAL ENGINEER SHOULD BE NOTIFIED AT LEAST TWO (2) DAYS PRIOR TO ANY SITE CLEARING AND GRADING OPERATIONS.
- THE UPPER 18" OF NATIVE SUBGRADE IN AREAS TO RECEIVE CONCRETE SLABS AND/OR PAVEMENTS SHOULD BE OVEREXCAVATED AND EXPOSED SURFACE SHOULD BE SCARIFIED, MOISTURE CONDITIONED TO PRODUCE A MOISTURE CONTENT WITHIN 4% TO 5% ABOVE THE LABORATORY OPTIMUM VALUE, AND UNIFORMLY COMPACTED TO AT LEAST 90% RELATIVE COMPACTION BASED ON ASTM TEST D1557. THE UPPER 6" OF CONCRETE SLAB, AND PAVEMENT SUBGRADE AND BASE SHOULD BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- ENGINEERED FILL SHOULD BE PLACED IN THIN LIFTS NOT EXCEEDING 8" IN LOOSE THICKNESS, MOISTURE CONDITIONED, AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION.
- MATERIAL USED FOR ENGINEERED FILL SHALL MEET THE REQUIREMENTS OF THE AFOREMENTIONED REPORTS BY ASSOCIATES TERRA CONSULTANTS, INC.
- IMPORTED FILL MATERIAL USED AS ENGINEERED FILL FOR THE PROJECT SHALL MEET THE FOLLOWING REQUIREMENTS:
 Less than 3% organics, free of debris and gravel material, contain no rocks or clods greater than 6" in diameter, with no more than 15 percent by weight of rocks larger than 2 1/2".
 Be granular and have a plasticity index of less than 12, and should have sufficient binder to allow excavations to stand without caving.
- ALL FILL MATERIAL SHALL BE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO JOBSITE DELIVERY AND PLACEMENT. NO EARTHWORK OPERATIONS SHALL BE PERFORMED WITHOUT THE DIRECT OBSERVATION AND APPROVAL OF THE GEOTECHNICAL ENGINEER.
- BARE GROUND WITHIN 10' OF FOUNDATIONS SHALL BE SLOPED AWAY @ 5% MINIMUM OR 2% MINIMUM FOR PAVED SURFACES.



REVISOR PER COUNTY COMMENTS - NOVEMBER 2021

REVISOR PER COUNTY COMMENTS - AUGUST 2023



10/9/2023



RI Engineering, Inc.

303 Potrero St., Suite 42-202, Santa Cruz, CA 95060
 831-425-3901 www.riengineering.com

JAIN TEMPLE AND MEDITATION CENTER
 FOR
 DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA
 1008 WELLER ROAD (ADDRESS PENDING APPROVAL)
 SANTA CLARA COUNTY, CA
 APN # 042-04-029 & 028

OVERALL SITE PLAN

project no.
20-076-1
 date
OCTOBER 2023
 scale
AS SHOWN
 dwg name
CIVIL3.DWG

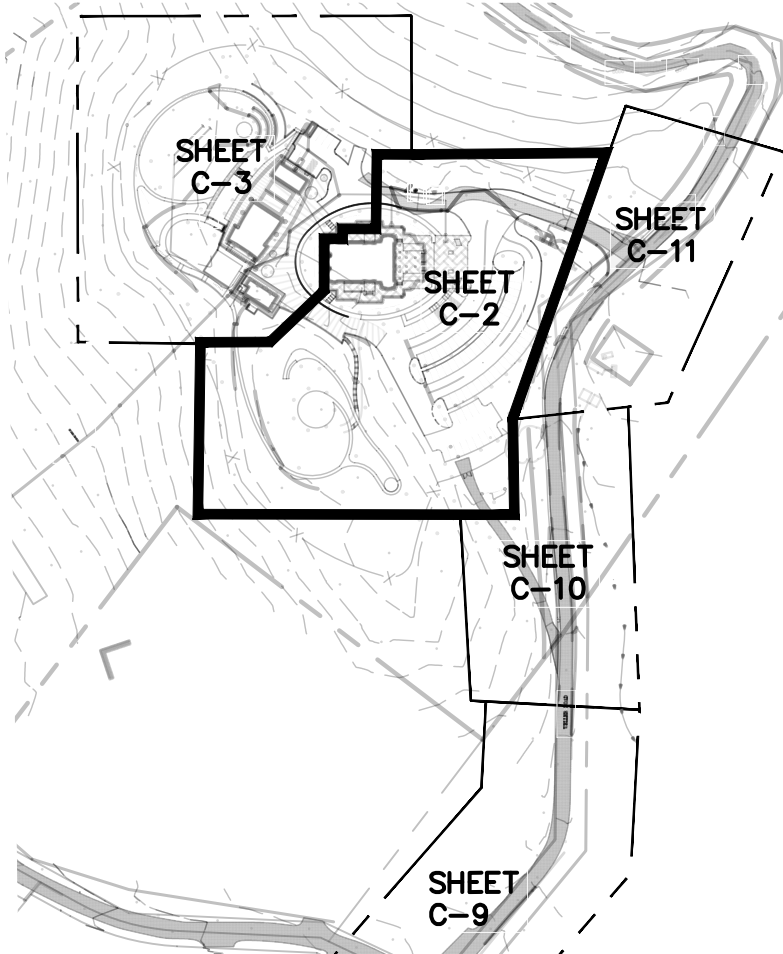
C-1

ABBREVIATIONS

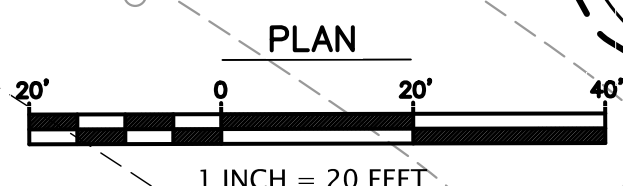
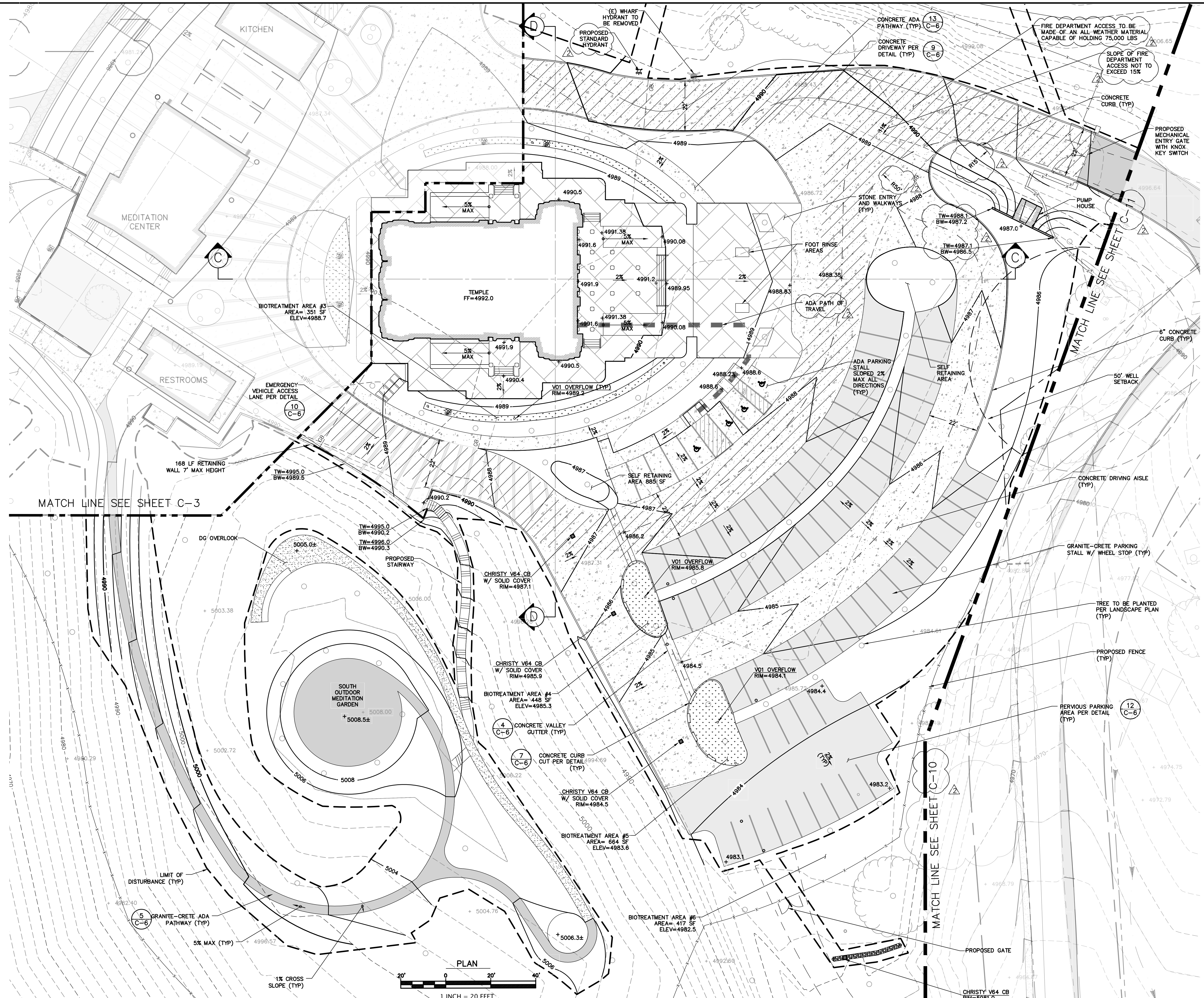
BW	BOTTOM OF WALL
CB	CATCH BASIN
CONST	CONSTRUCT
DIA.	DIAMETER
DS	DOWNSPOUT
DTL	DETAIL
DWY	DRIVEWAY
(E)	EXISTING
EL	ELEVATION
EQP	EDGE OF PAVEMENT
ES	ELECTRIC SERVICE
FF	FINISH FLOOR
FG	FINISH GRADE
FS	FIRE SERVICE
GW	GRAY WATER
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
N.T.S.	NOT TO SCALE
RW	RETAINING WALL
RIM	RIM ELEVATION
S	SLOPE
SCCO	SANTA CLARA COUNTY SANITARY SEWER CLEANOUT
SDCO	STORM DRAIN CLEANOUT
TYP	TYPICAL
TW	TOP OF WALL
WS	WATER SERVICE

LEGEND

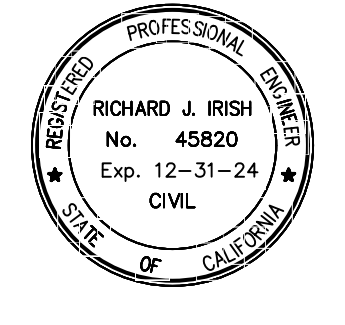
[Pattern]	(E) AC
[Pattern]	PROPOSED CONCRETE
[Pattern]	PROPOSED AC
[Pattern]	PROPOSED DG
[Pattern]	PROPOSED CONCRETE PATIO W/ PERVIOUS SEAMS
[Pattern]	PROPOSED PERVIOUS PAVEMENT GRANITE-CRETE OR APPROVED ALTERNATE
[Pattern]	PROPOSED STONE
[Pattern]	PROPOSED BIOTREATMENT AREA
[Pattern]	PROPOSED FIRE DEPARTMENT TURNAROUND
[Symbol]	(E) FLOWLINE
[Symbol]	PROPERTY LINE
[Symbol]	PROPOSED SETBACK
[Symbol]	PROPOSED LIMIT OF GRADING
[Symbol]	PROPOSED RETAINING WALL
[Symbol]	PROPOSED LANDSCAPE WALL
[Symbol]	PROPOSED FENCE
[Symbol]	PROPOSED SWALE
[Symbol]	PROPOSED ADA PATH OF TRAVEL
[Symbol]	PROPOSED SDCO
[Symbol]	PROPOSED CB
[Symbol]	PROPOSED TREE REMOVAL



SITE KEY
SCALE: 1"=250'



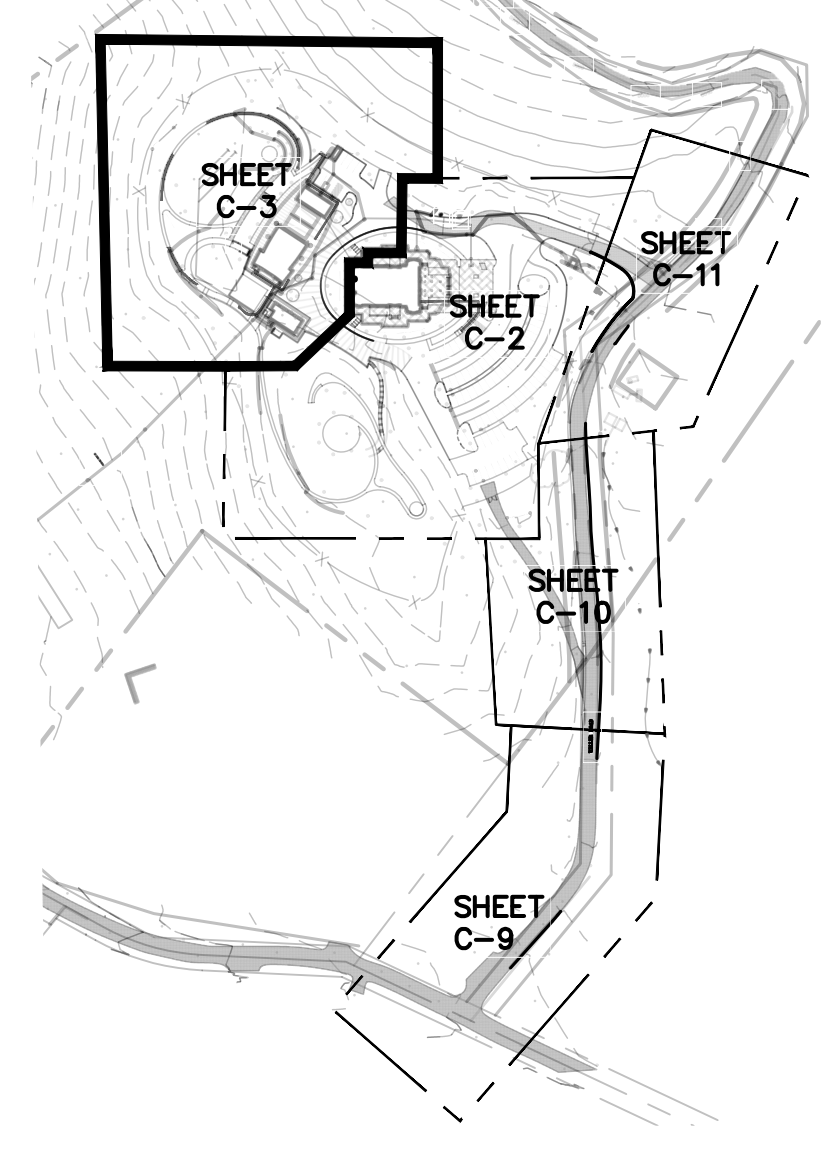
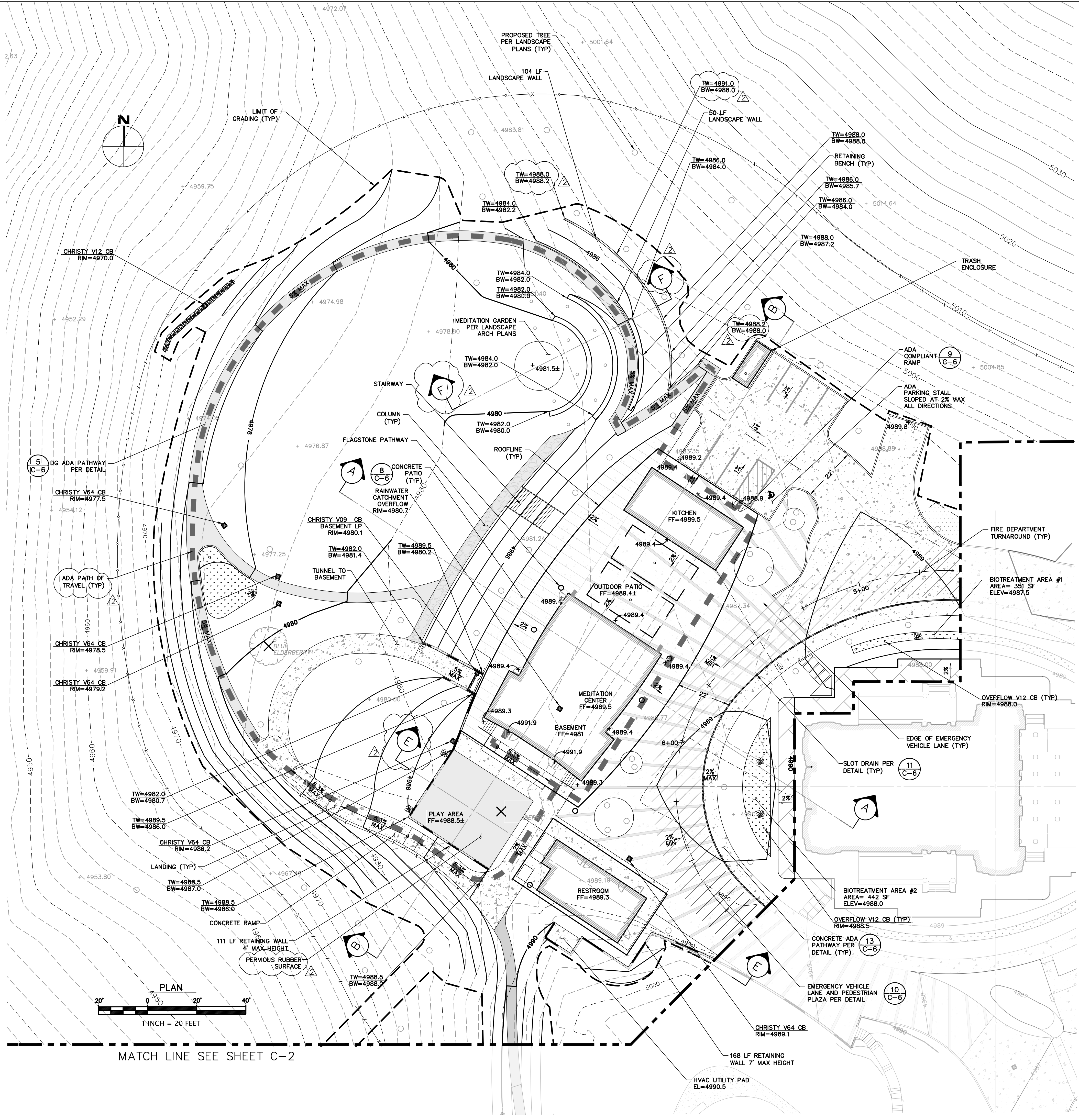
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SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028
GRADING & DRAINAGE PLAN
SHEET 1

project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG



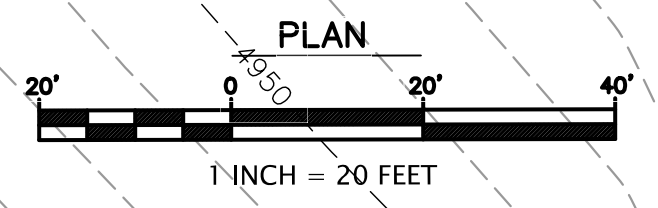
SITE KEY
SCALE: 1"=250'

LEGEND

- (E) AC
- PROPOSED CONCRETE
- PROPOSED AC
- PROPOSED DG
- PROPOSED CONCRETE PATIO W/ PERVIOUS SEAMS
- PROPOSED PERVIOUS PAVEMENT GRANITE-CRETE OR APPROVED ALTERNATE
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- PROPOSED SWALE
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- PROPOSED SDCO
- PROPOSED CB

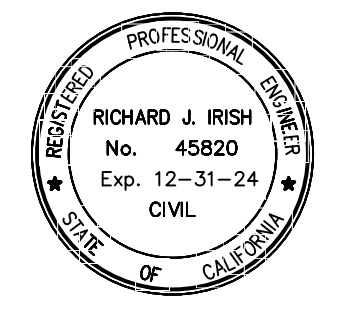
ABBREVIATIONS

- BW CB BOTTOM OF WALL
- CONST CONSTRUCT
- DIA. DIAMETER
- DS DOWNSPOUT
- DTL DETAIL
- DWY DRIVEWAY
- (E) ELEVATION
- EL ELEVATION
- EOP EDGE OF PAVEMENT
- ES ELECTRIC SERVICE
- FF FINISH FLOOR
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- GW GRAY WATER
- HP HIGH POINT
- INV INVERT
- LF LINEAR FEET
- LP LOW POINT
- MAX MAXIMUM
- N.T.S. NOT TO SCALE
- RW RETAINING WALL
- RM RIM ELEVATION
- S SLOPE
- SCCO SANTA CLARA COUNTY
- SSCO SANITARY SEWER CLEANOUT
- SDCO STORM DRAIN CLEANOUT
- TYP TYPICAL
- WV WATER SERVICE



MATCH LINE SEE SHEET C-2

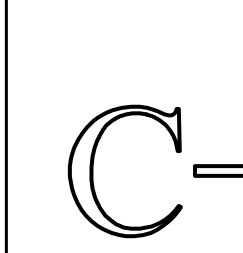
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1008 WELLS ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028

project no. 20-076-1
date OCTOBER 2023
scale AS SHOWN
dwg name CIVIL3.DWG

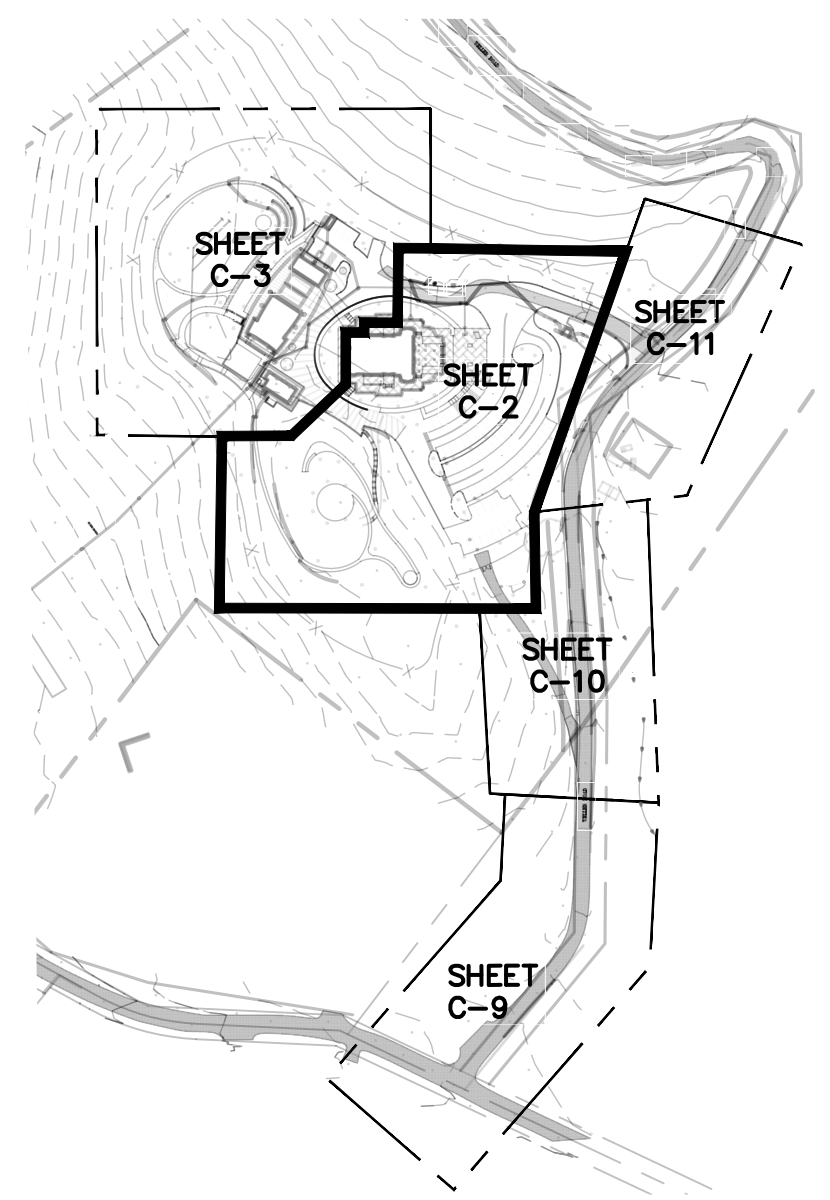


GRADING & DRAINAGE PLAN
SHEET 2

PLANNING SUBMITTAL

ABBREVIATIONS

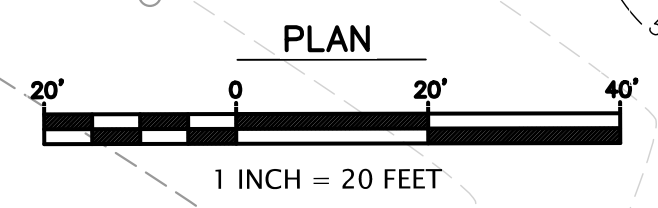
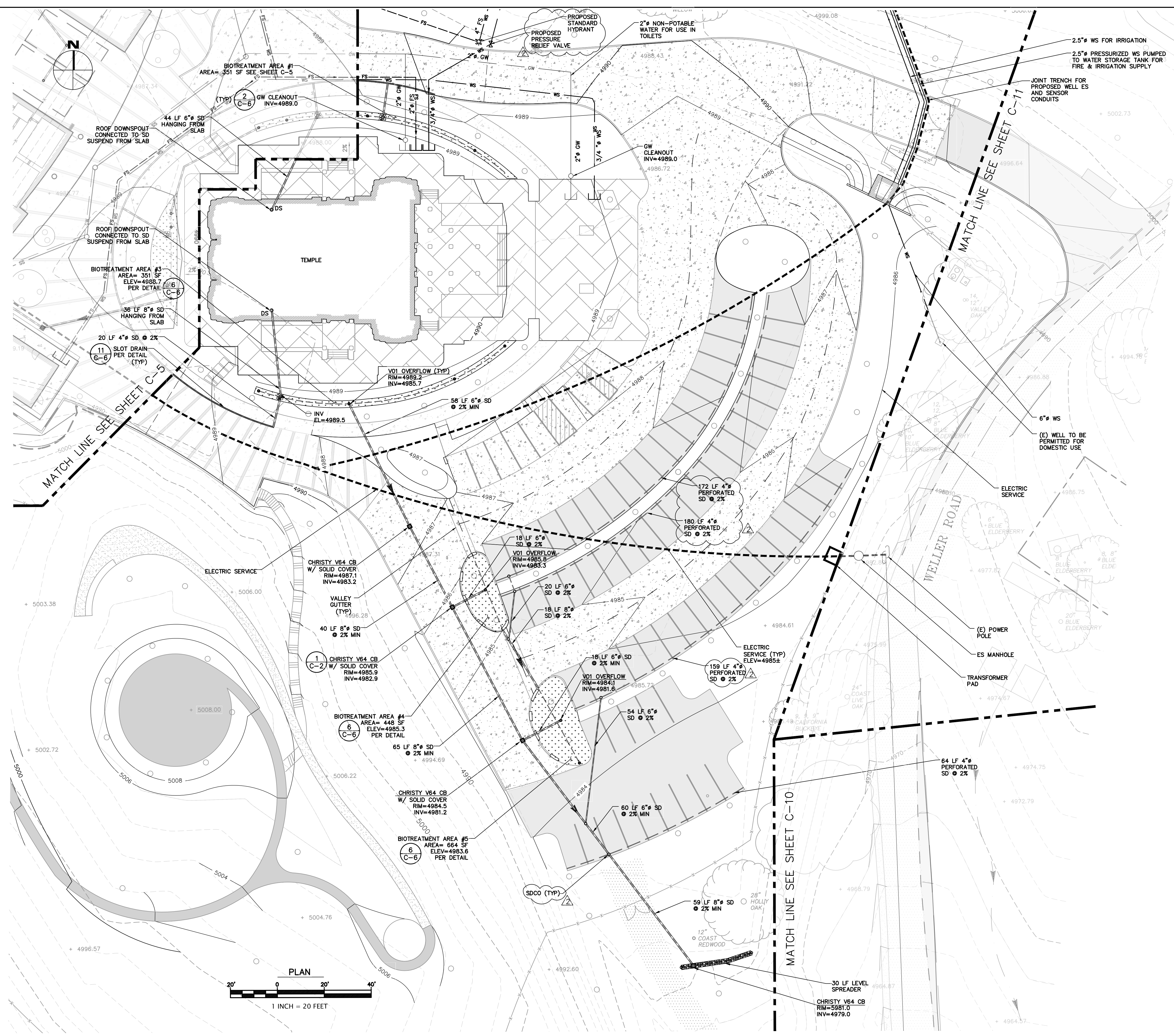
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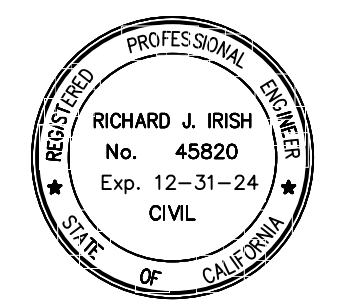
SITE KEY
SCALE: 1"=250'

UTILITY LEGEND

	PROPOSED BIOTREATMENT AREA
	PROPOSED WATER SERVICE
	PROPOSED FIRE SERVICE
	PROPOSED ELECTRIC SERVICE
	PROPOSED PROPANE LINE
	PROPOSED SEPTIC LINE
	PROPOSED GRAY WATER LINE
	PROPOSED SWALE
	PROPOSED SD
	PROPOSED SUBDRAIN
	PROPOSED SDCO
	PROPOSED CB
	PROPOSED VALVE
	PROPOSED FIRE HYDRANT



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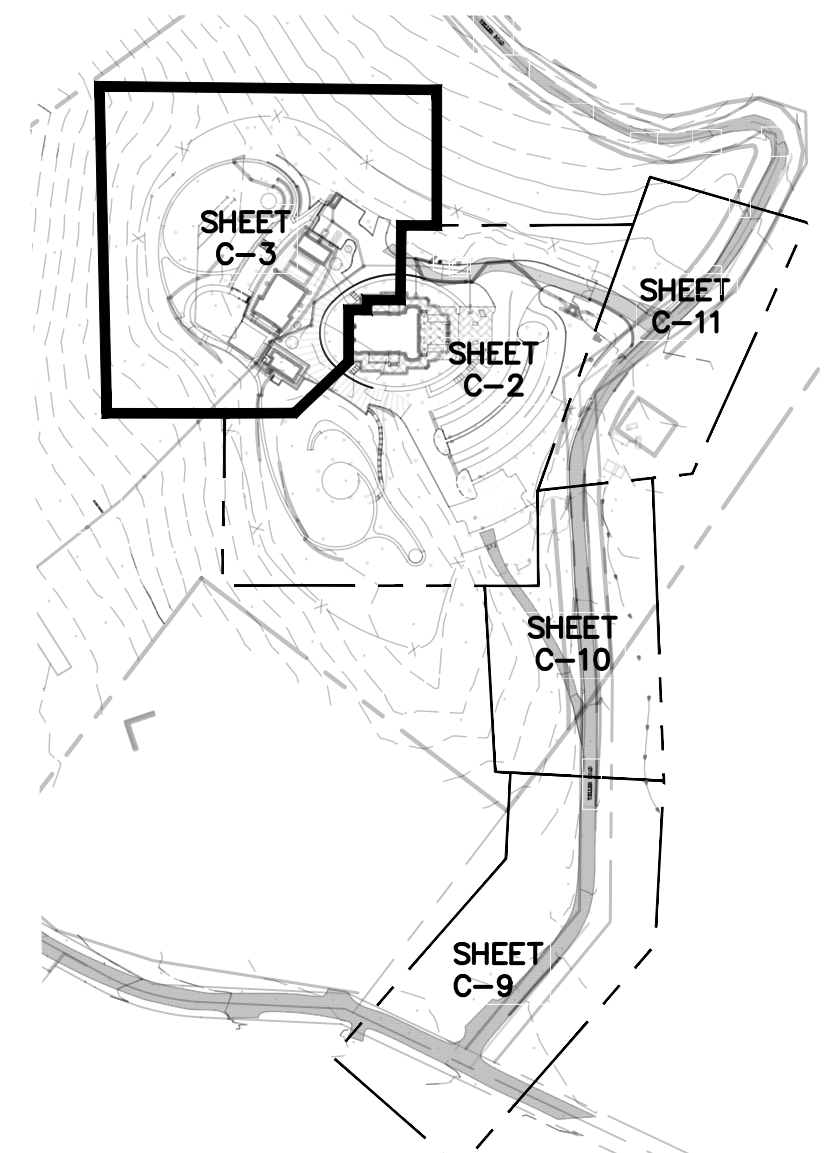
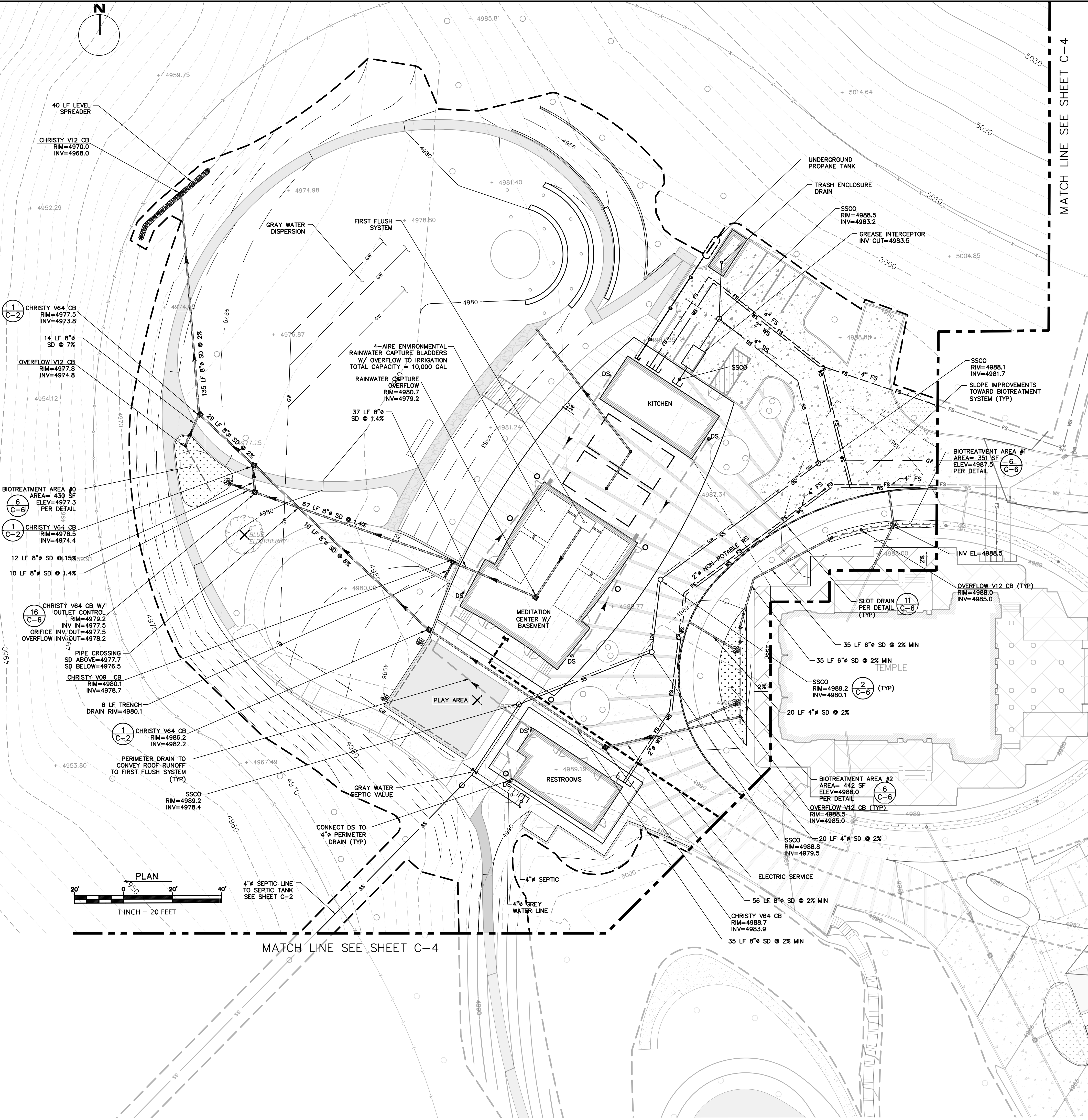
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UTILITY PLAN
SHEET 1

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 scale
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 dwg name
CIVIL3.DWG

C-4



UTILITY LEGEND

- PROPOSED BIOTREATMENT AREA
- PROPOSED WATER SERVICE
- PROPOSED FIRE SERVICE
- PROPOSED ELECTRIC SERVICE
- PROPOSED PROPANE LINE
- PROPOSED SEPTIC LINE
- PROPOSED GRAY WATER LINE
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- PROPOSED SD
- PROPOSED SUBDRAIN
- PROPOSED SDCO
- PROPOSED CB
- PROPOSED VALVE
- PROPOSED FIRE HYDRANT

SITE KEY

SCALE: 1"=250'

ABBREVIATIONS

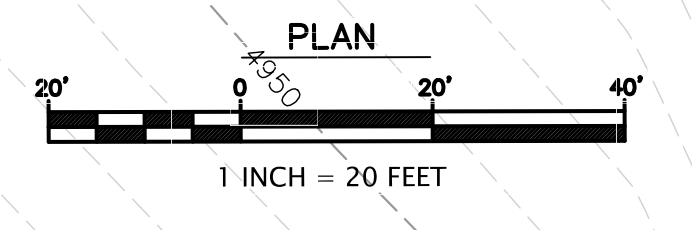
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- CONST CONSTRUCT
- DIA, # DIAMETER
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STORM DRAINAGE NOTES

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2. INLETS SHALL BE CHRISTY CONCRETE PRODUCTS OR APPROVED EQUAL.
3. CONNECT ALL DOWNSPOUTS TO 4" PERIMETER STORM DRAIN.

STORM DRAIN SYSTEM MAINTENANCE

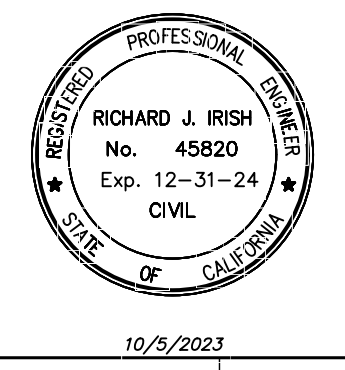
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MATCH LINE SEE SHEET C-4

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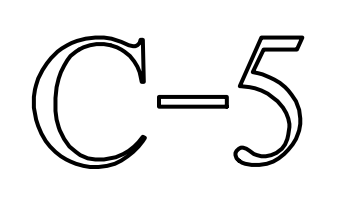
REVISOR PER COUNTY COMMENTS - NOVEMBER 2021
REVISOR PER COUNTY COMMENTS - AUGUST 2023



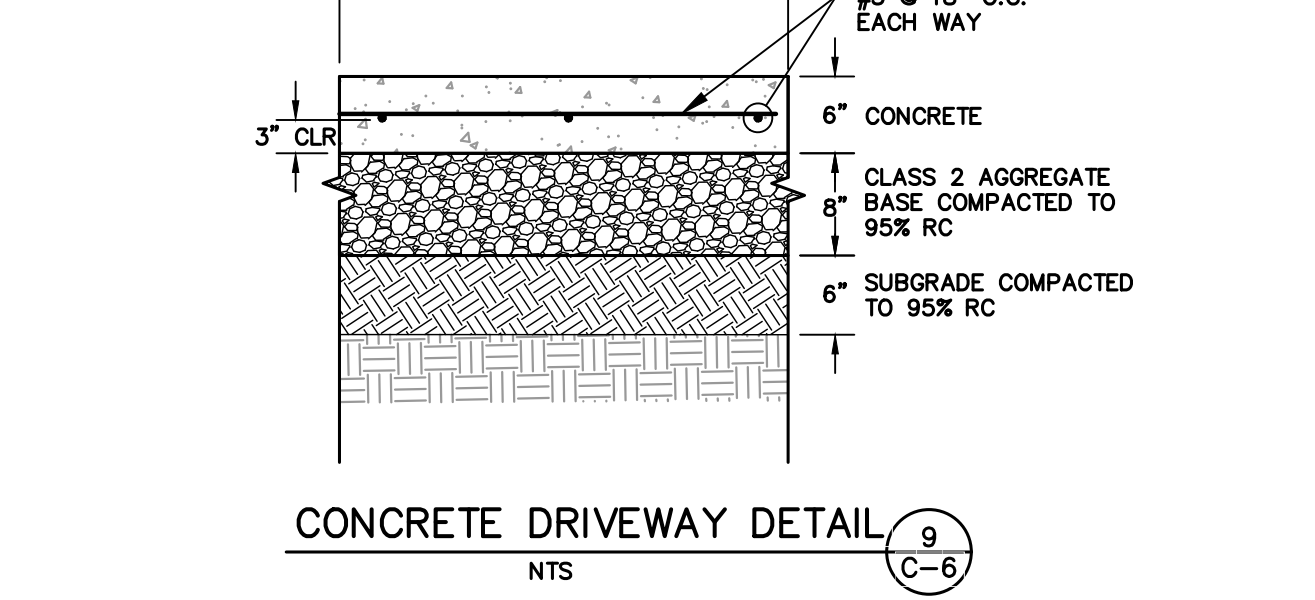
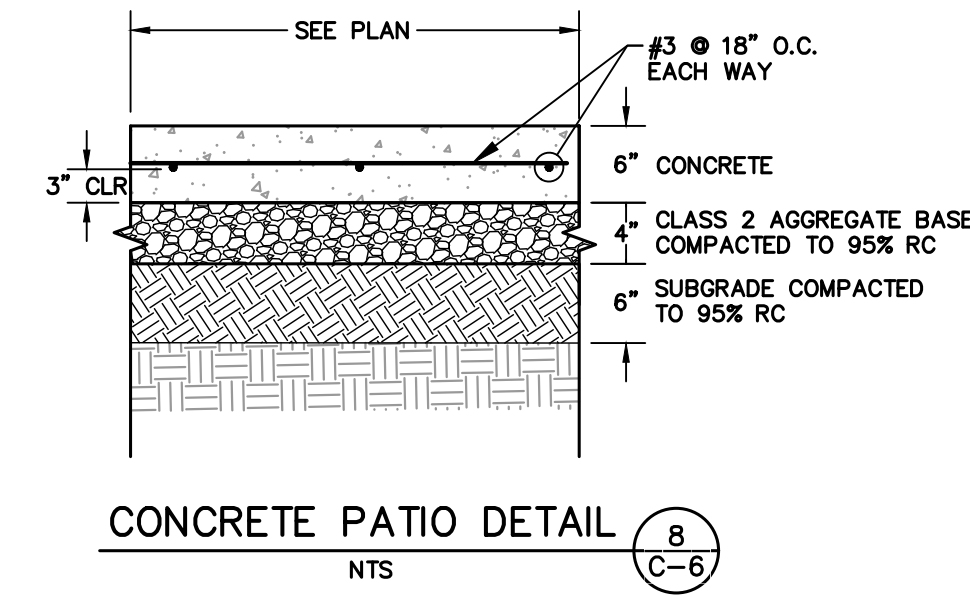
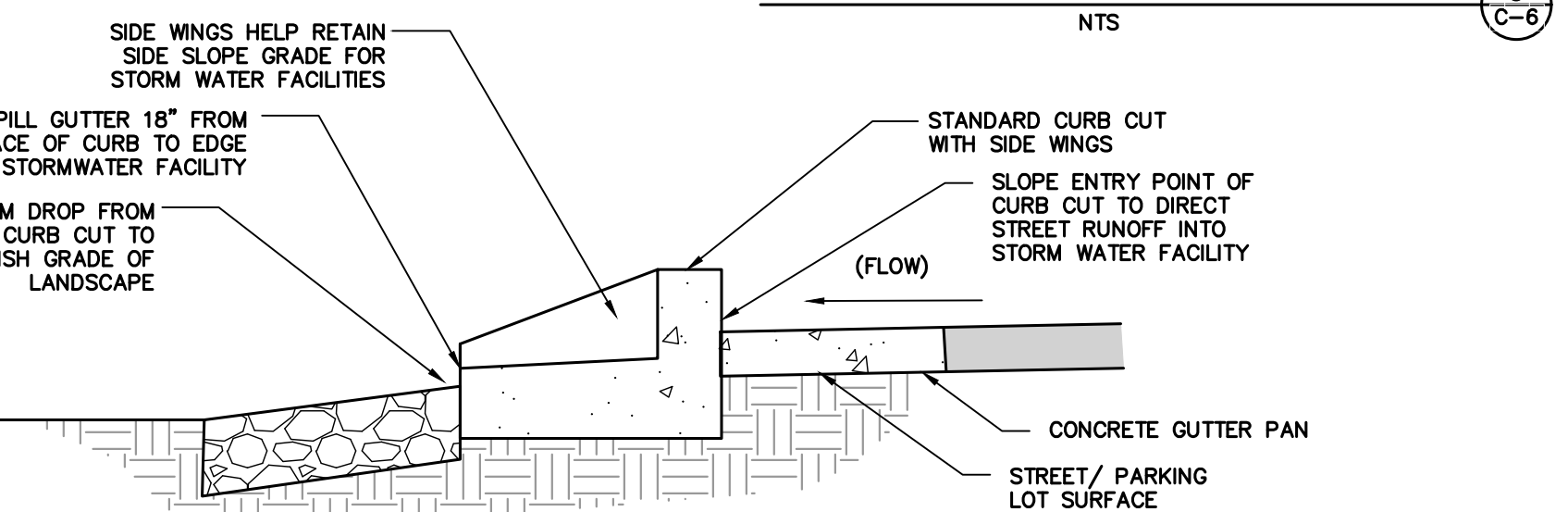
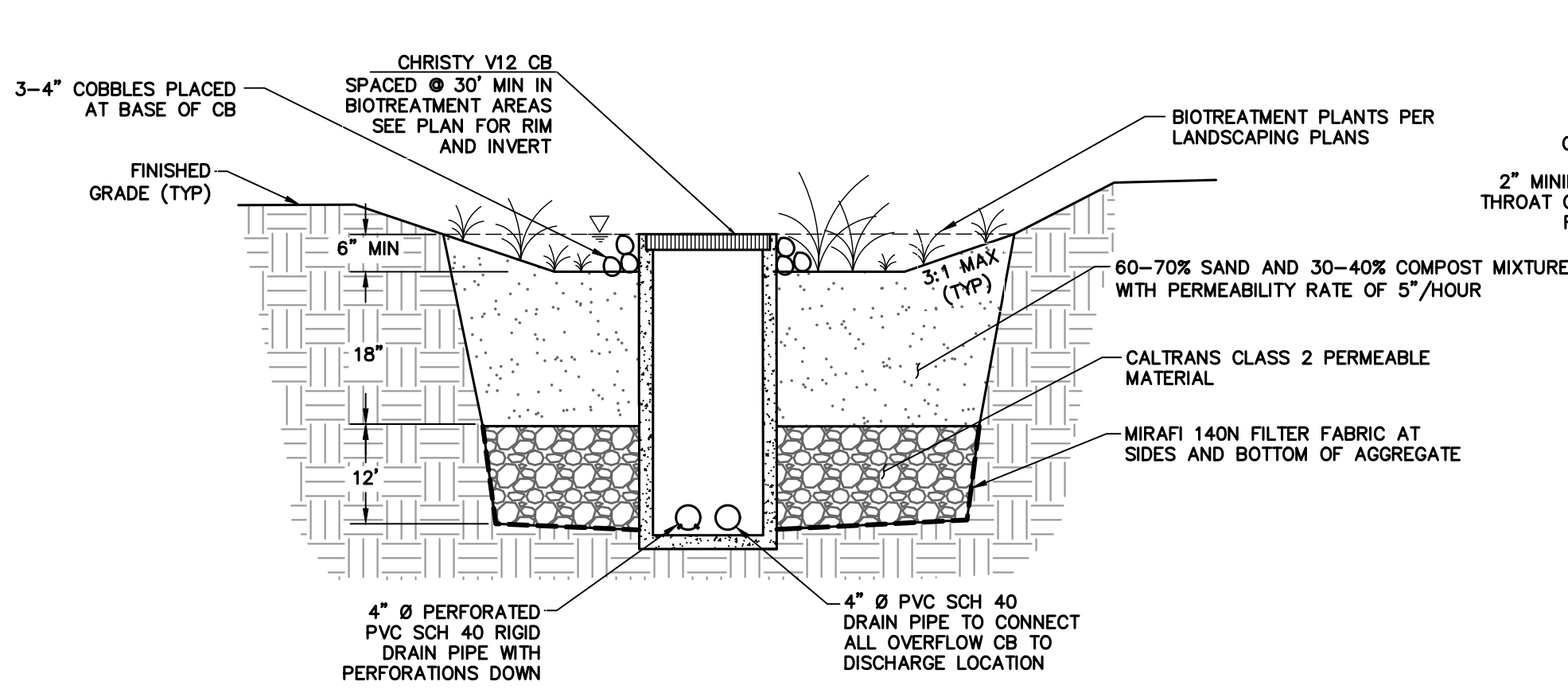
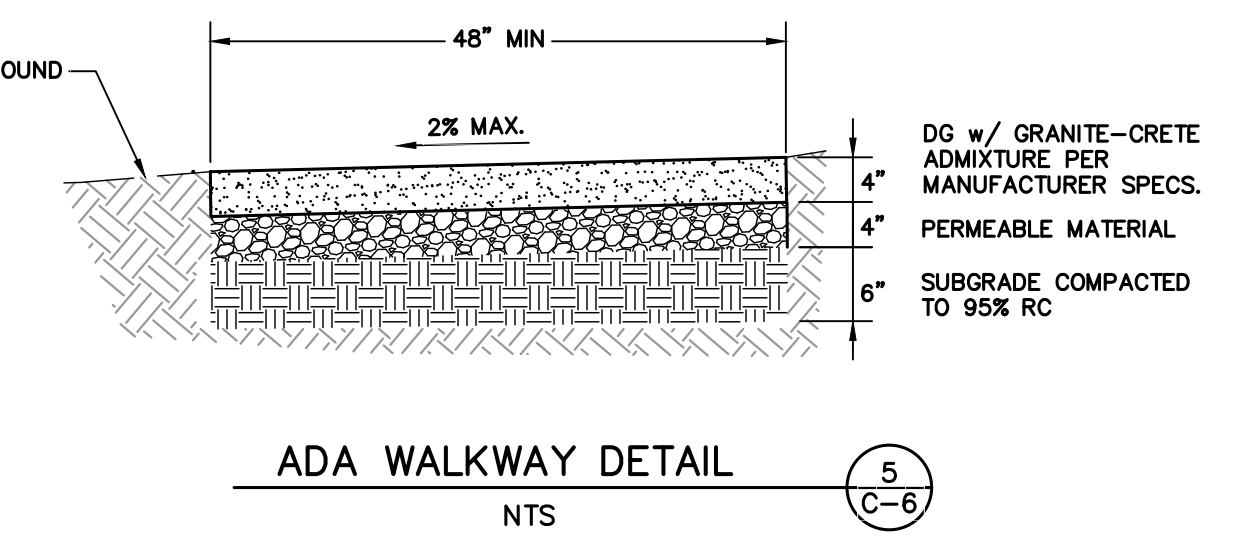
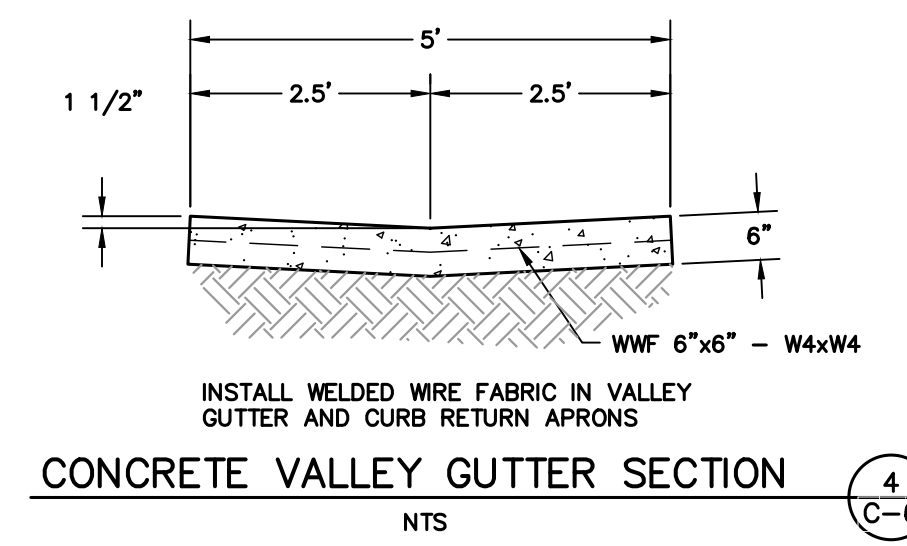
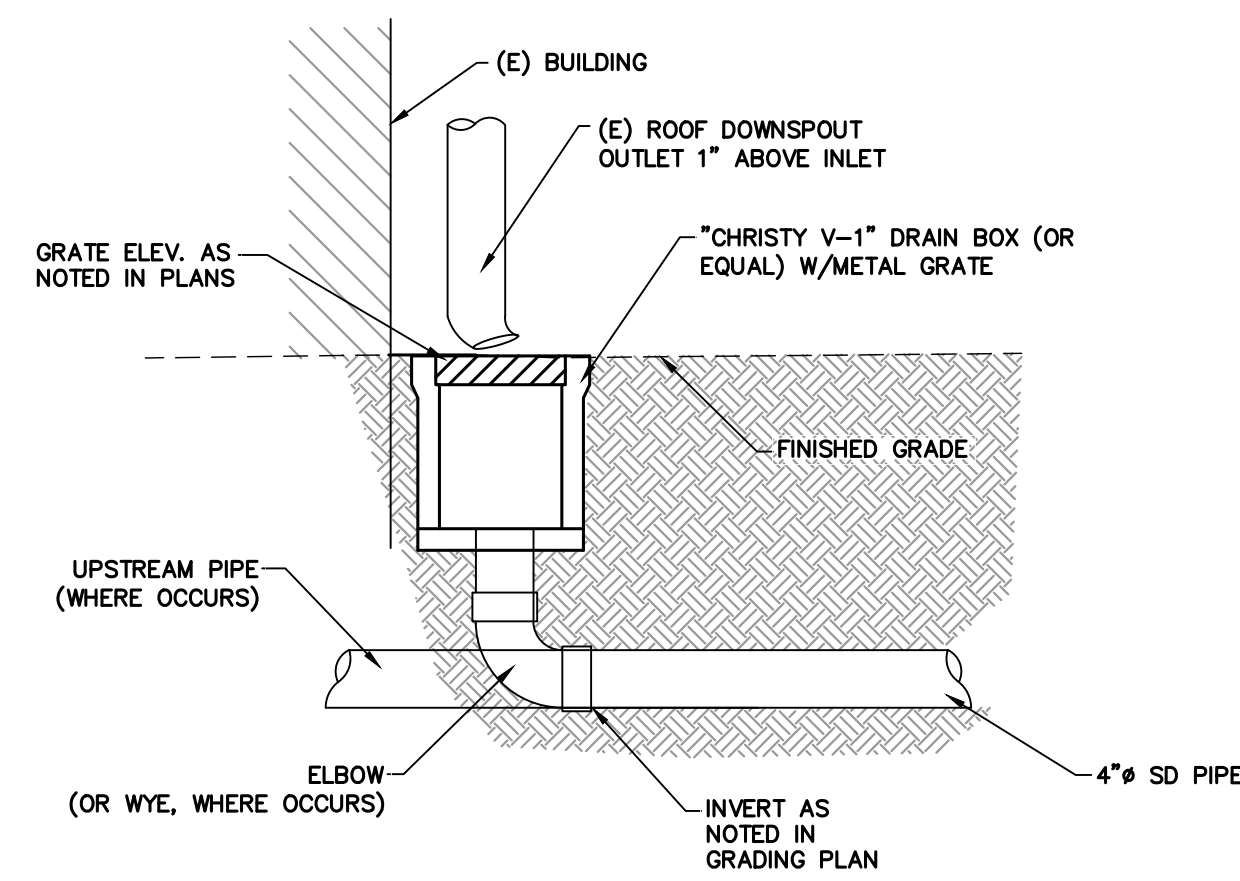
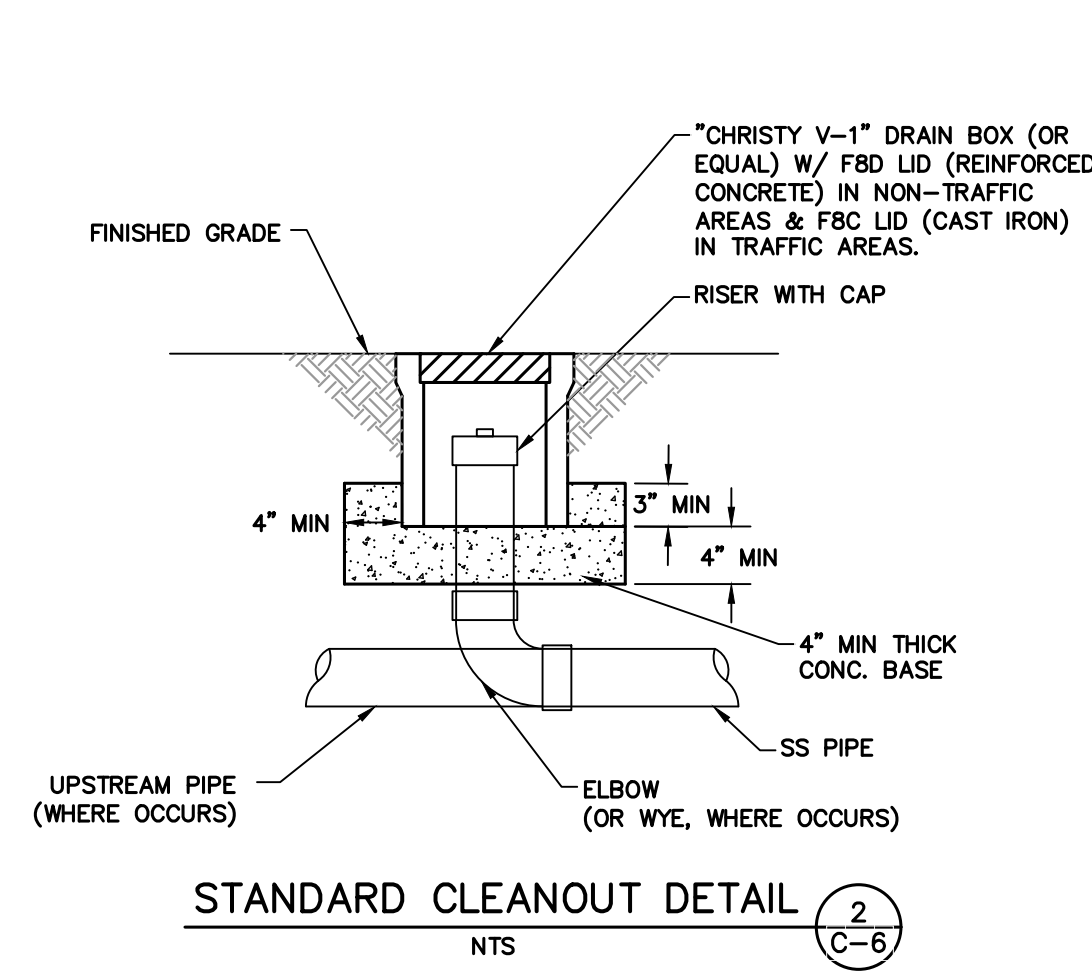
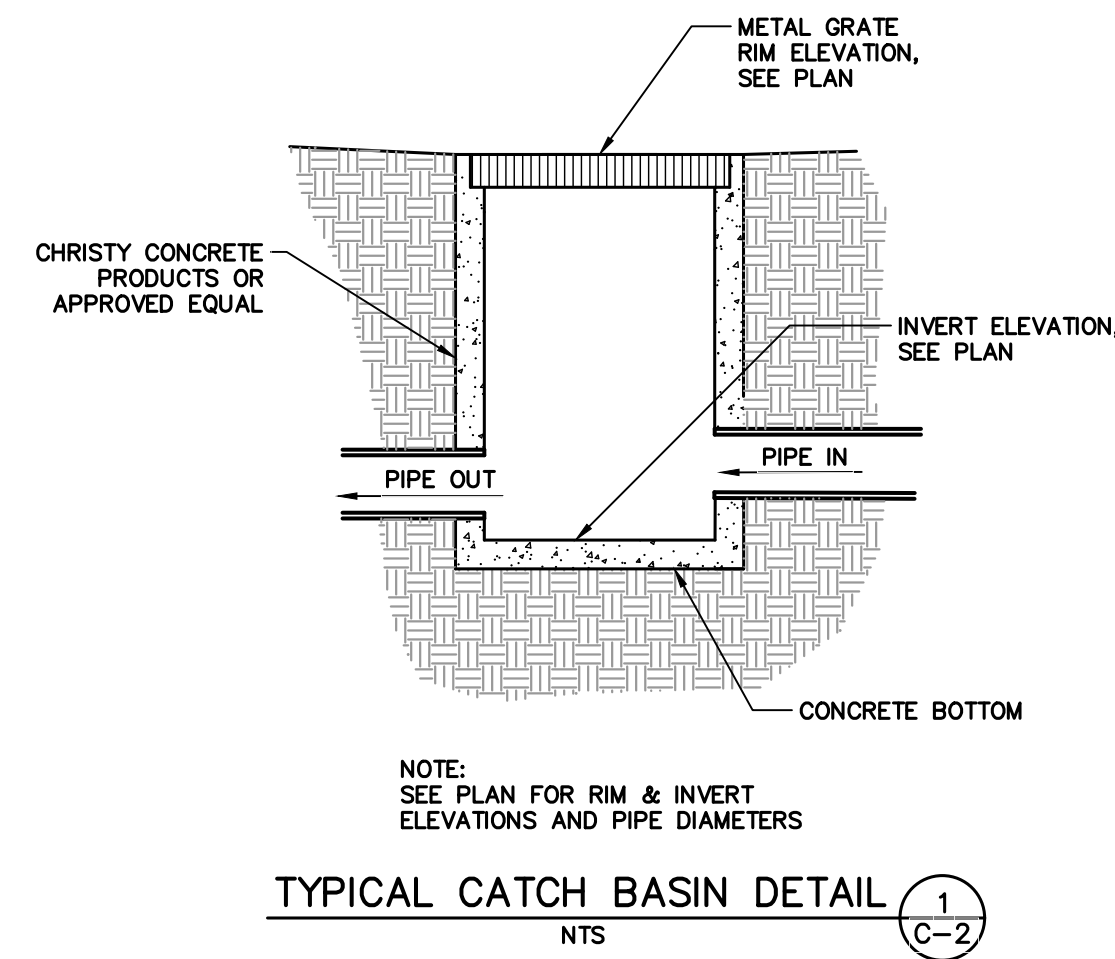
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APN # 042-04-029 & 028
UTILITY PLAN
SHEET 2

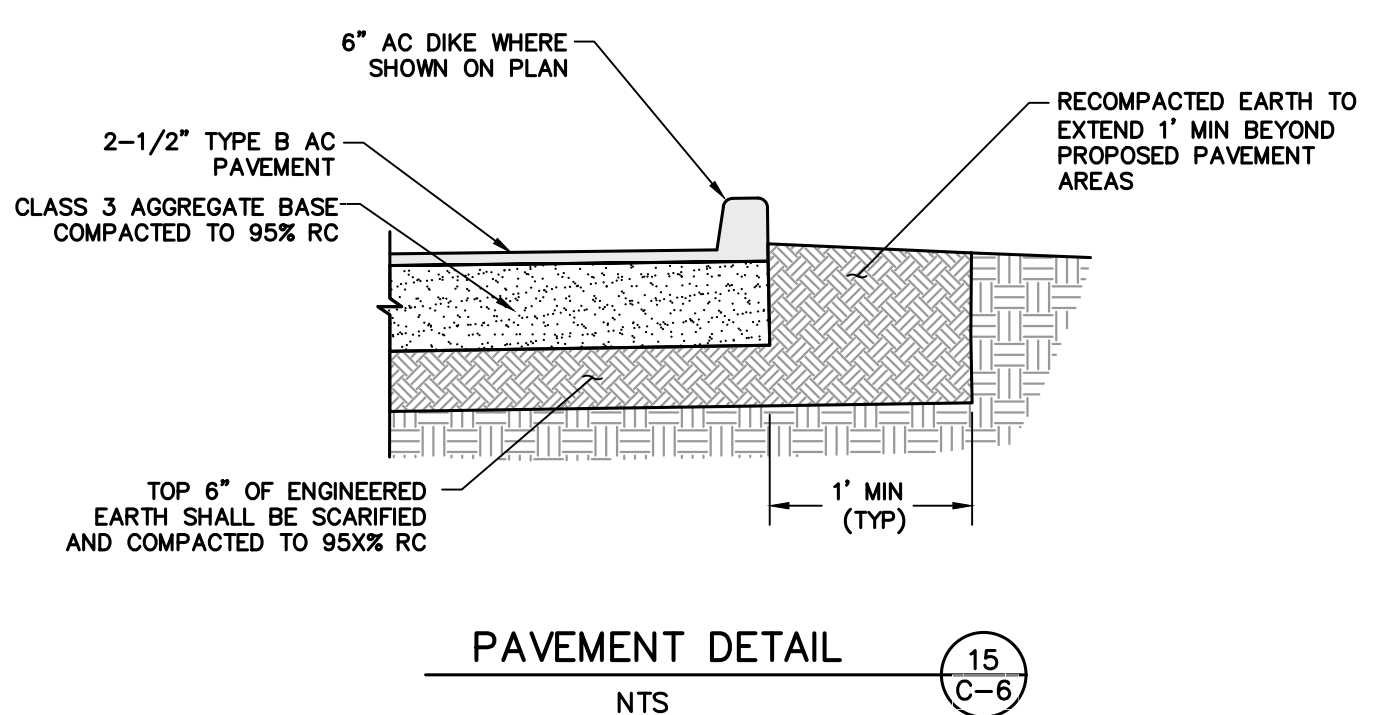
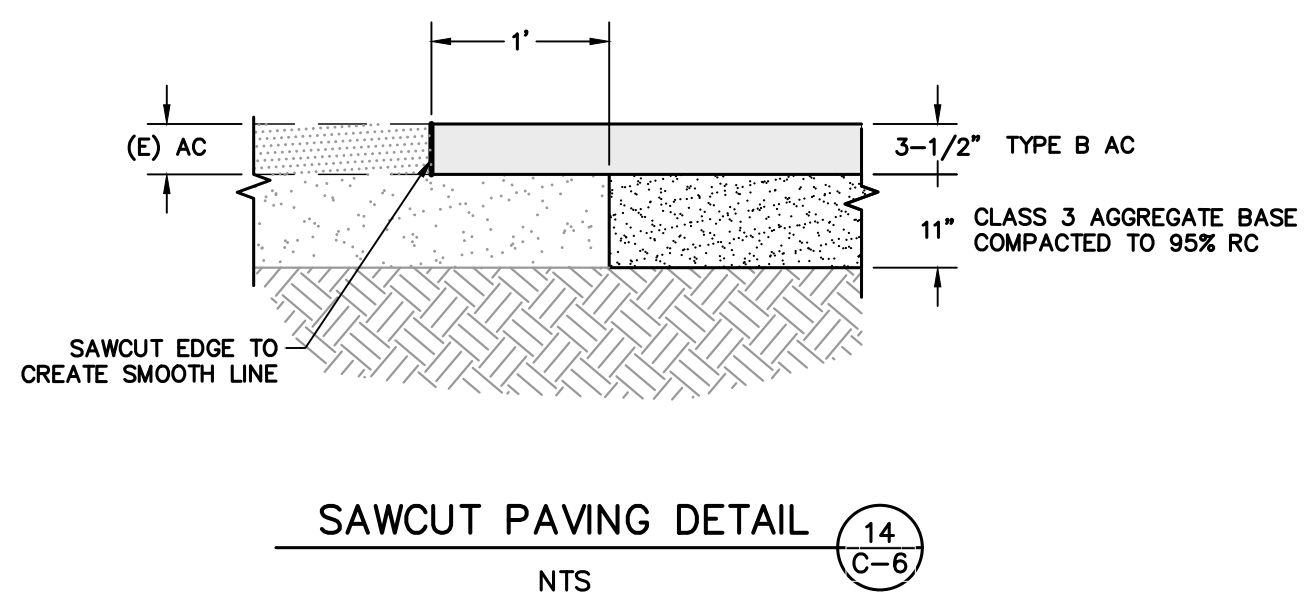
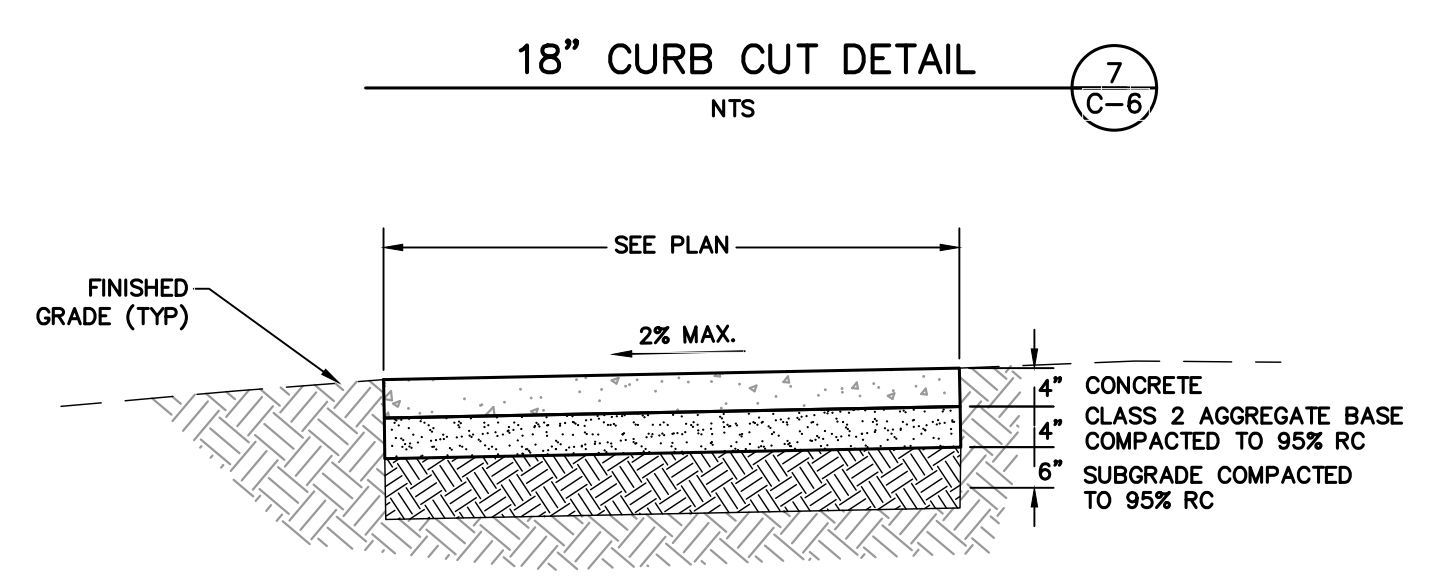
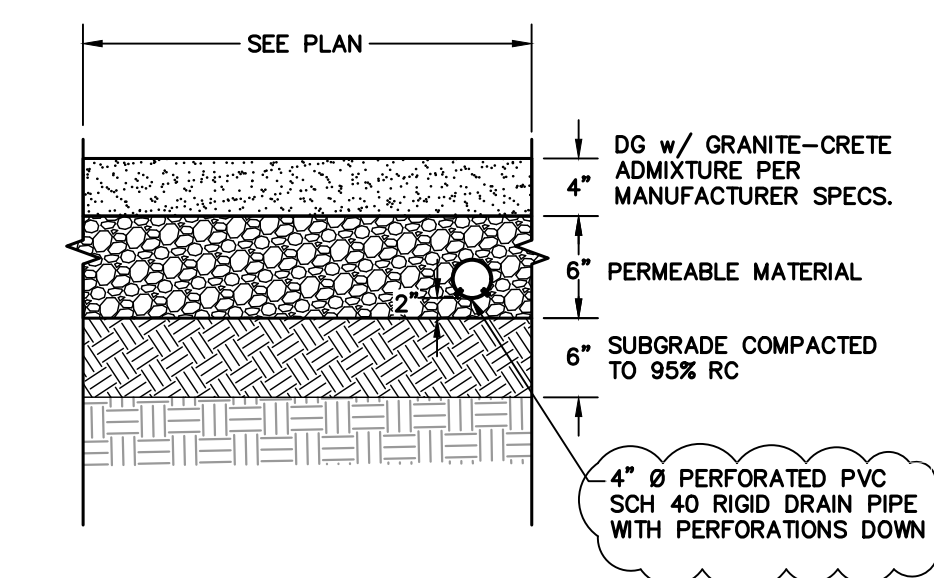
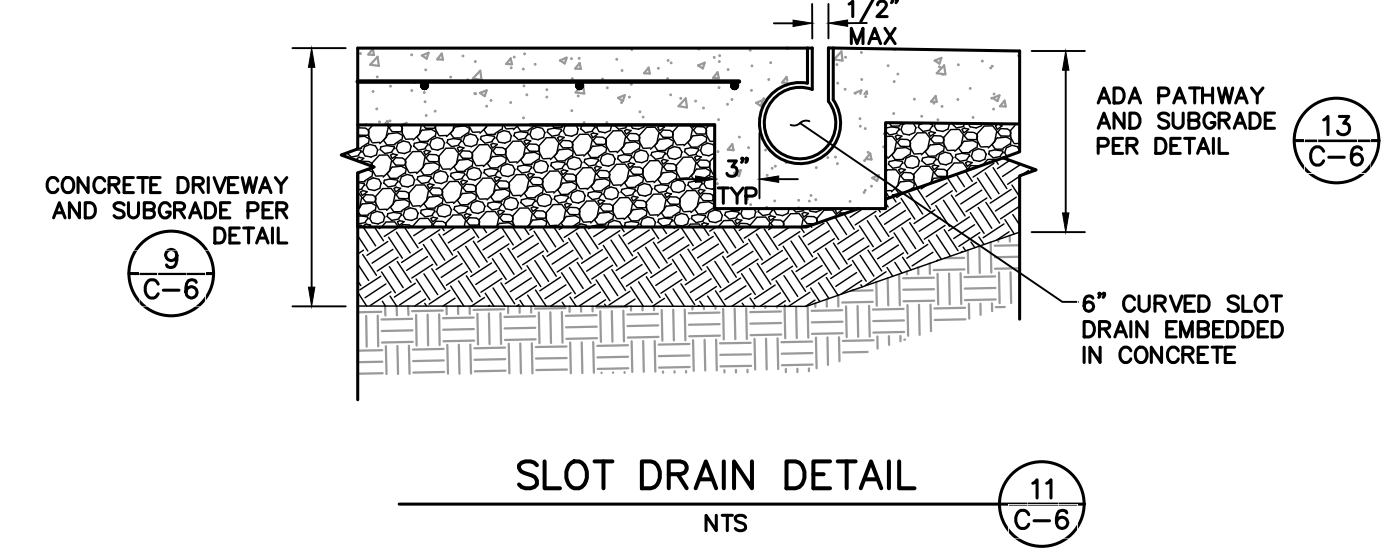
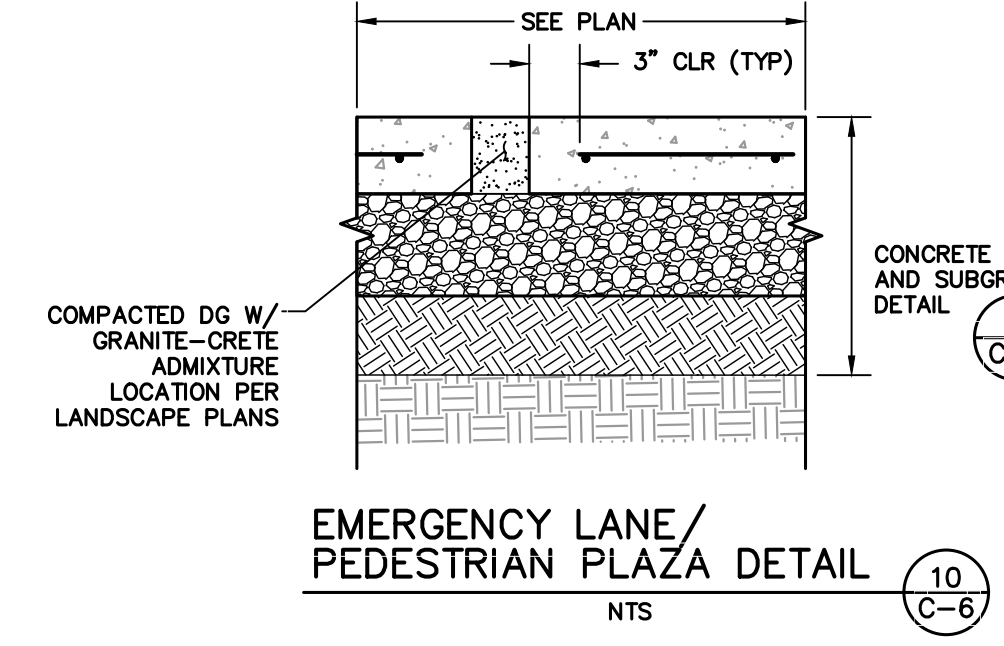
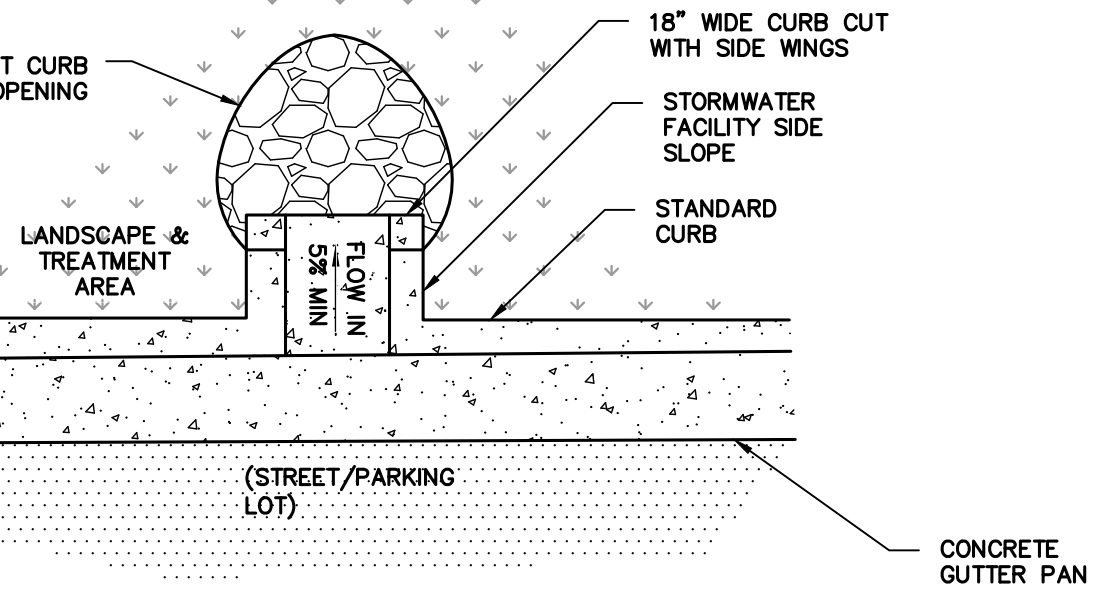
project no.
20-076-1
date
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scale
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dwg name
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PLANNING SUBMITTAL



BIOTREATMENT AREA DETAIL (6) NTS (C-6)

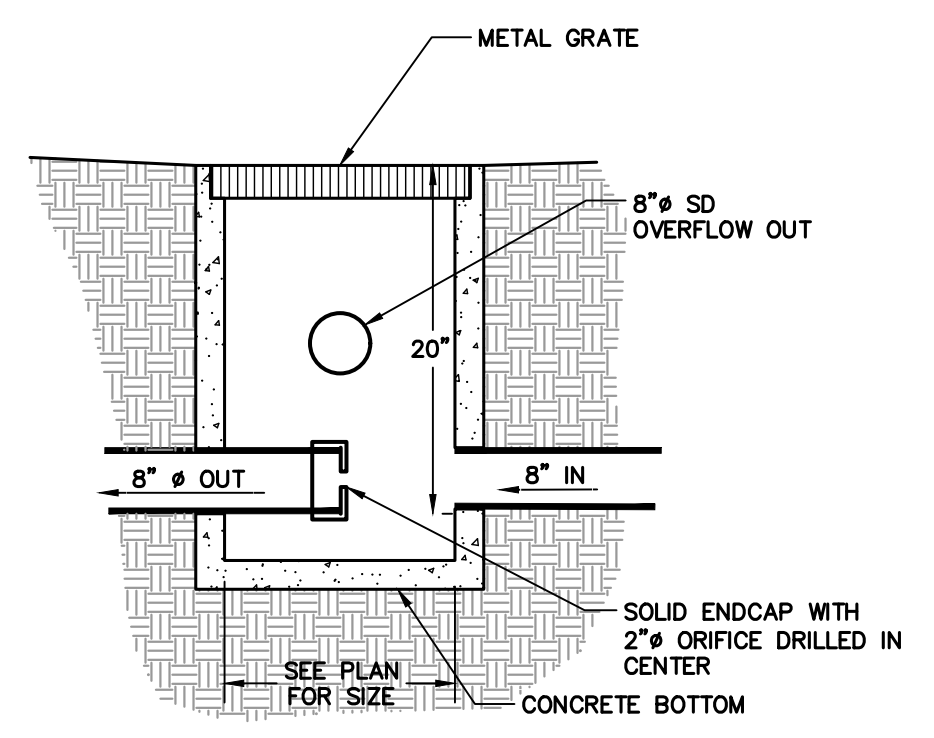


PERVIOUS PARKING DETAIL (12) NTS (C-6)

18\"/>

EMERGENCY LANE/PEDESTRIAN PLAZA DETAIL (10) NTS (C-6)

SLOT DRAIN DETAIL (11) NTS (C-6)



CATCH BASIN WITH OUTLET CONTROL STRUCTURE DETAIL (16) NTS (C-6)

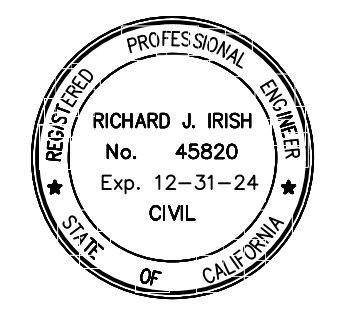
TYPICAL SIDEWALK DETAIL (13) NTS (C-6)

SAWCUT PAVING DETAIL (14) NTS (C-6)

PAVEMENT DETAIL (15) NTS (C-6)

NOTES:
1. ALL CONCRETE TO BE SIX SACK, CLASS "A".
2. SCORE SIDEWALK EVERY 4 FEET. PLACE EXPANSION JOINTS EVERY 60 FEET WITH DEEP JOINTS EVERY 20 FEET.

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REVISED PER COUNTY COMMENTS - AUGUST 2023



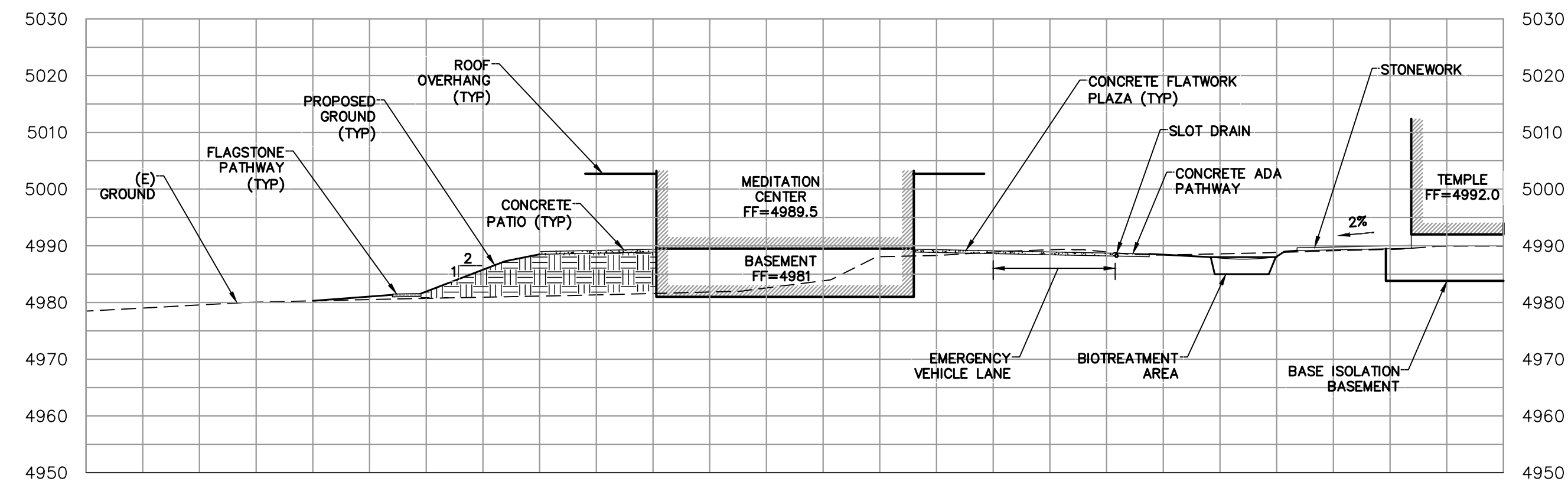
10/5/2023

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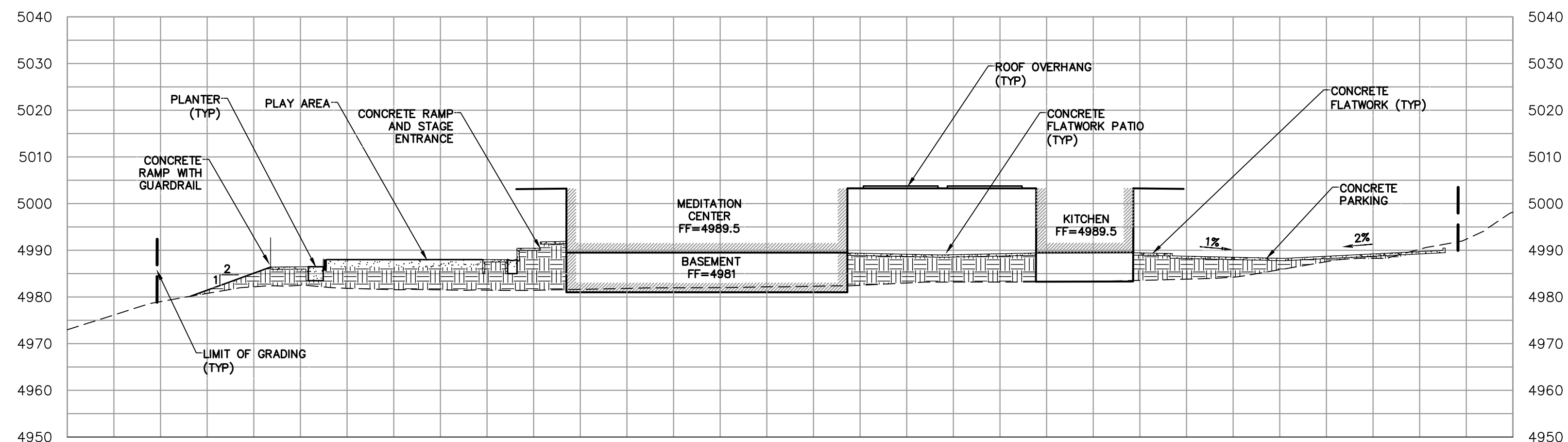
JAIN TEMPLE AND MEDITATION CENTER
FOR
DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA
1008 WELER ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028
DETAILS

project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG

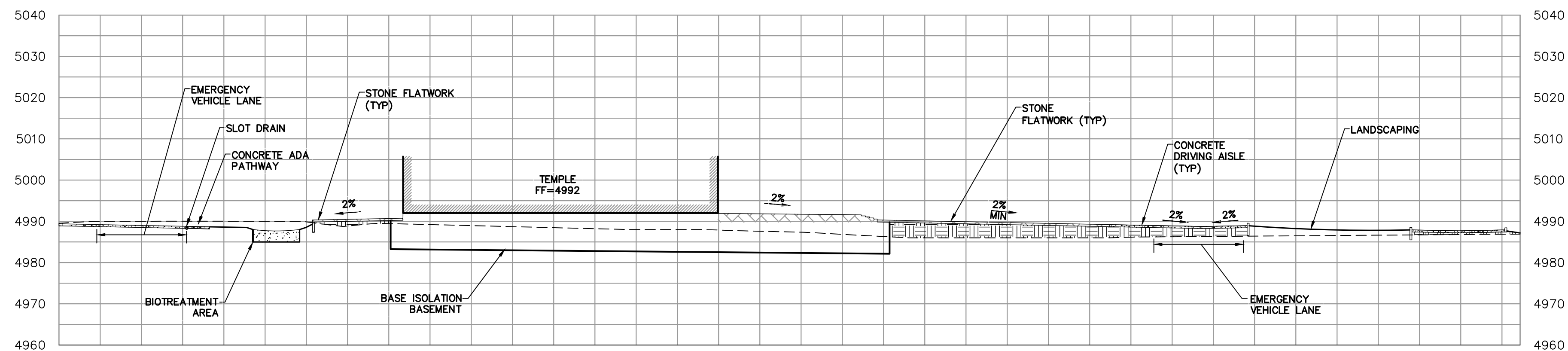
C-6



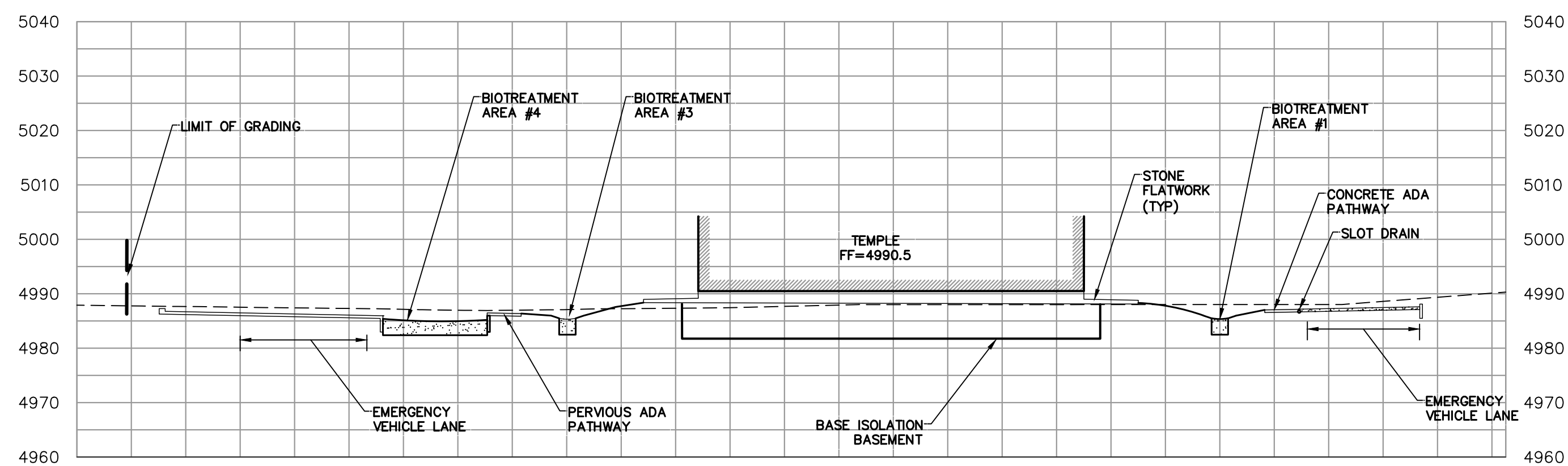
SECTION A-A
SCALE: 1"=20' HORIZONTAL, VERTICAL



SECTION B-B
SCALE: 1"=20' HORIZONTAL, VERTICAL

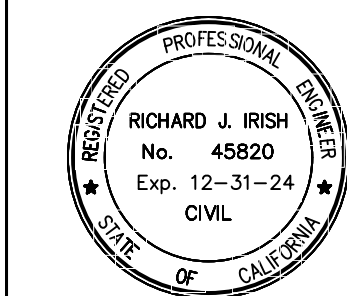


SECTION C-C
SCALE: 1"=20' HORIZONTAL, VERTICAL



SECTION D-D
SCALE: 1"=20' HORIZONTAL, VERTICAL

REVIS PER COUNTY COMMENTS - NOVEMBER 2021
REVIS PER COUNTY COMMENTS - AUGUST 2023



10/3/2023



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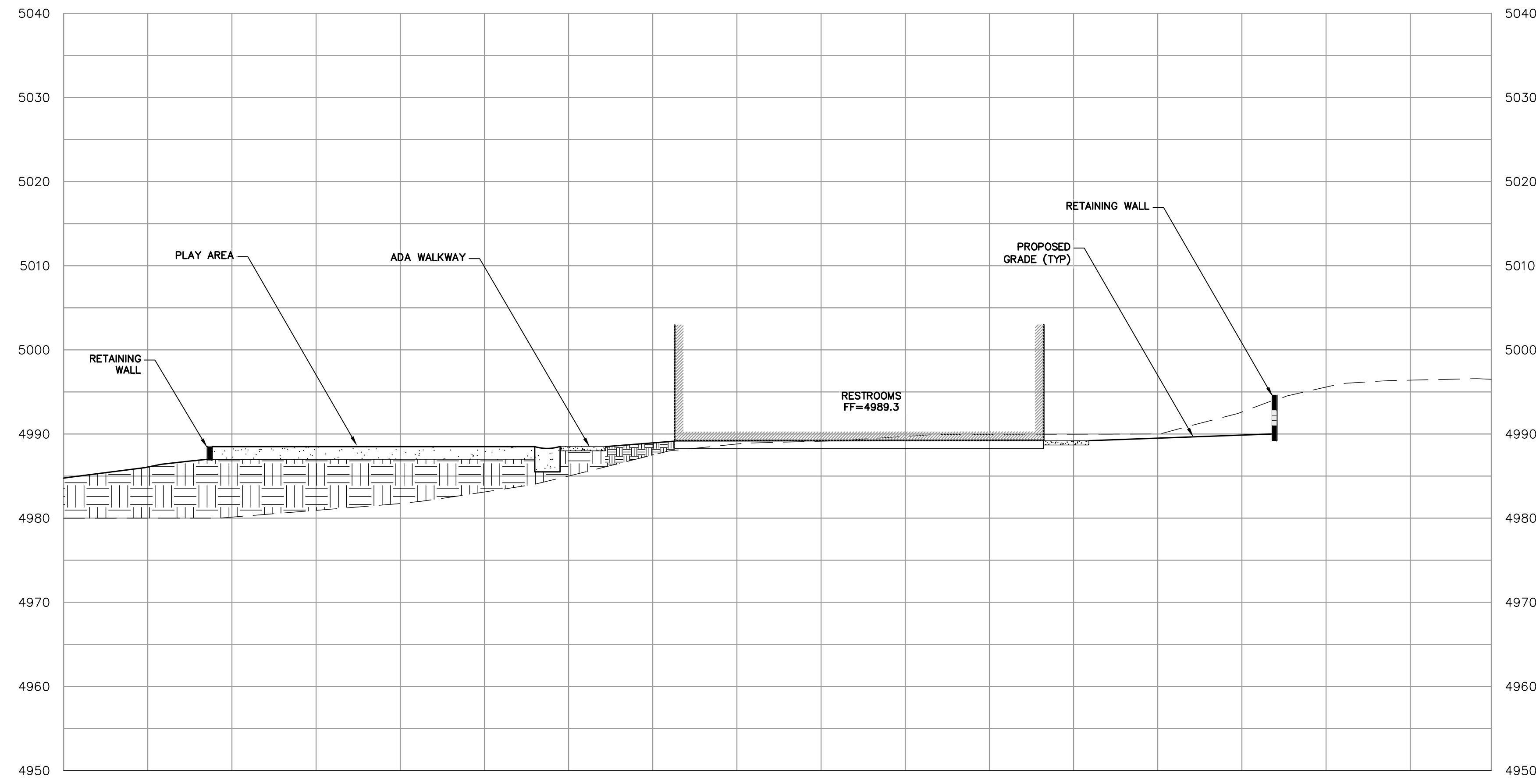
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DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA
1008 WELER ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028

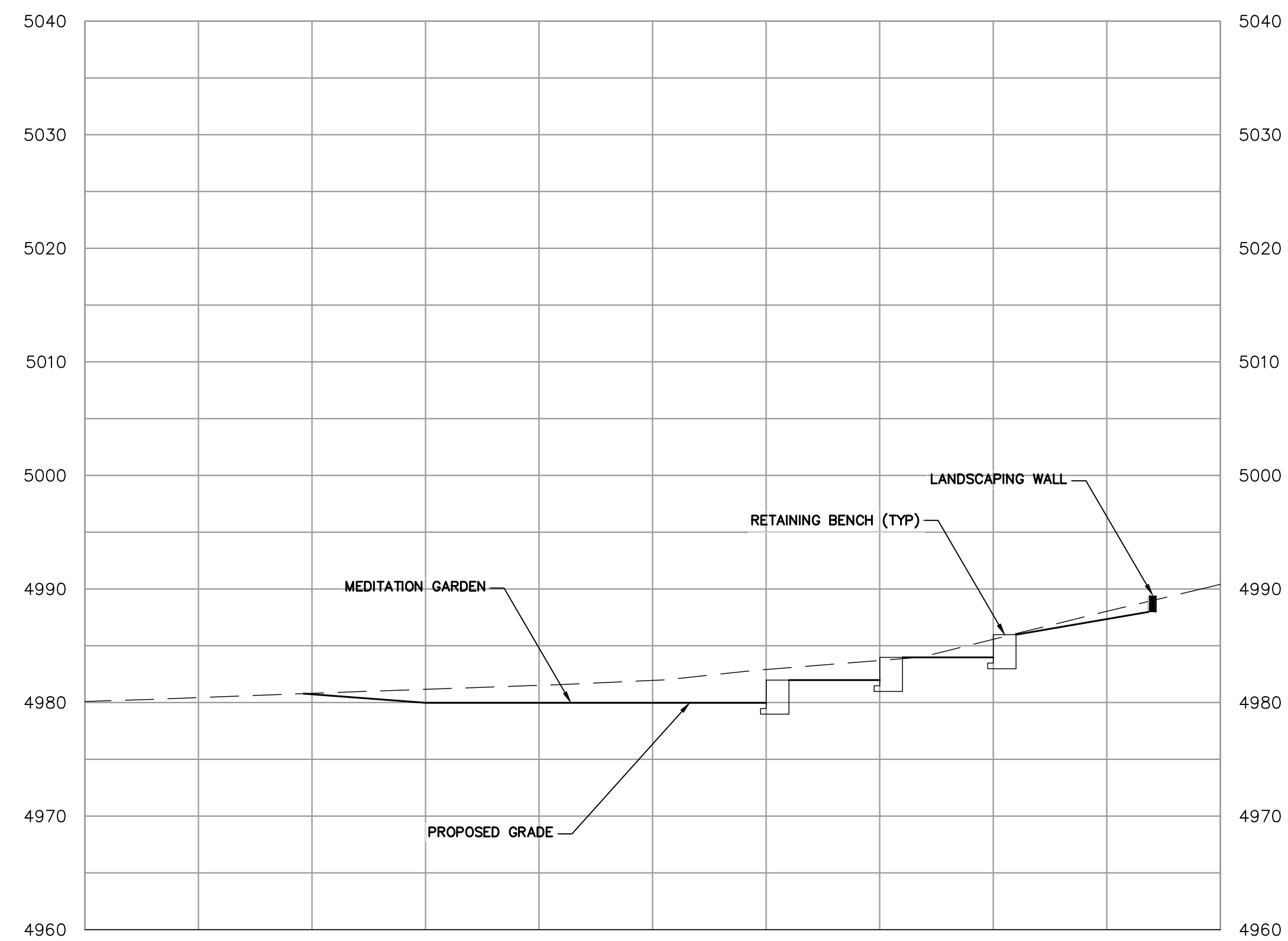
SECTIONS

project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG

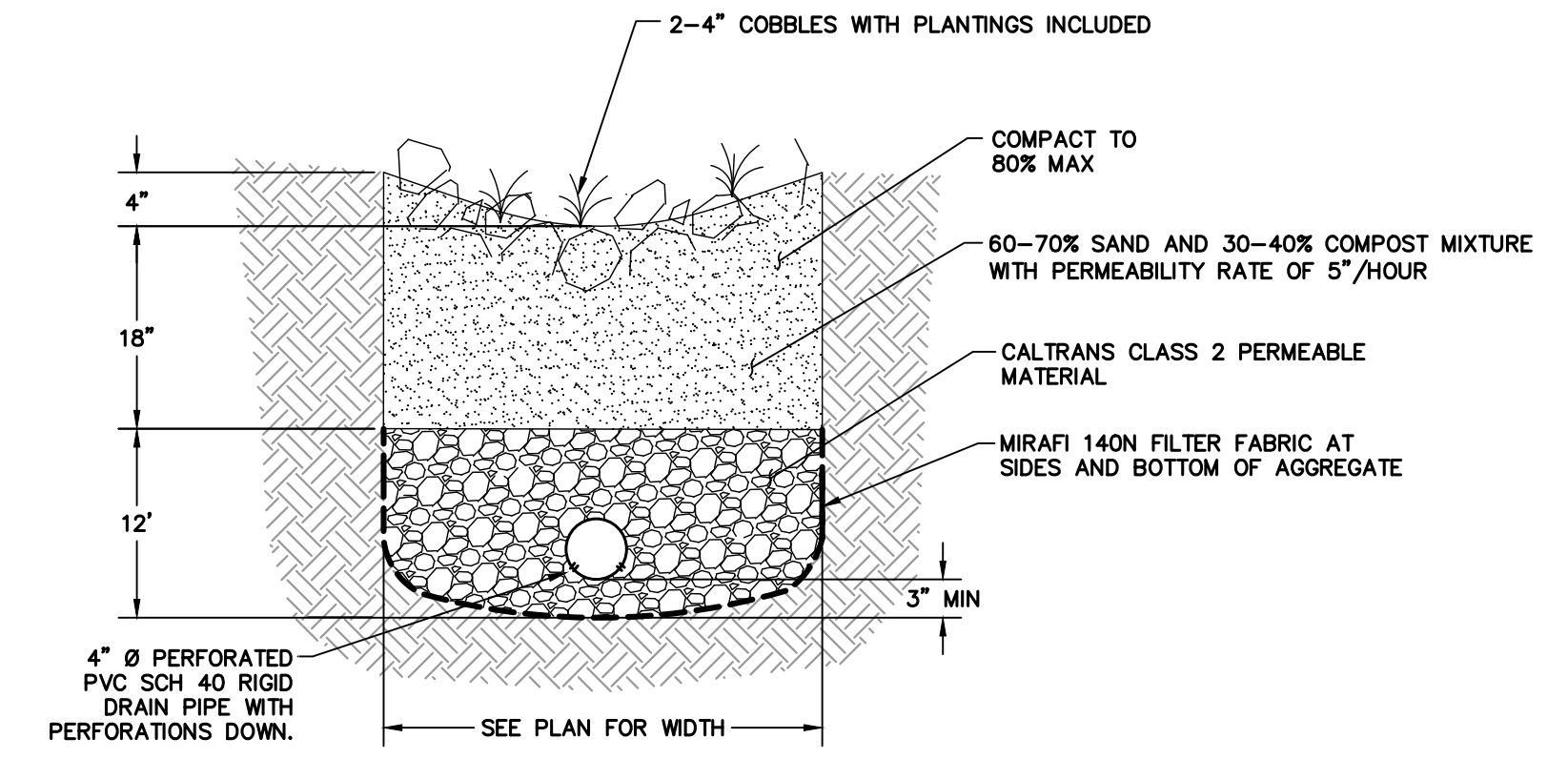
C-7



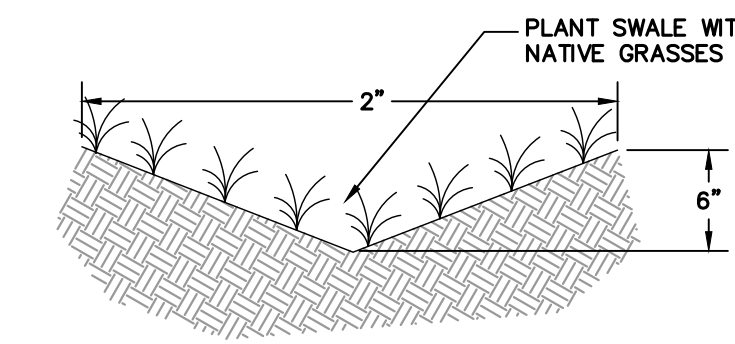
SECTION E-E
SCALE: 1"=10' HORIZONTAL, VERTICAL



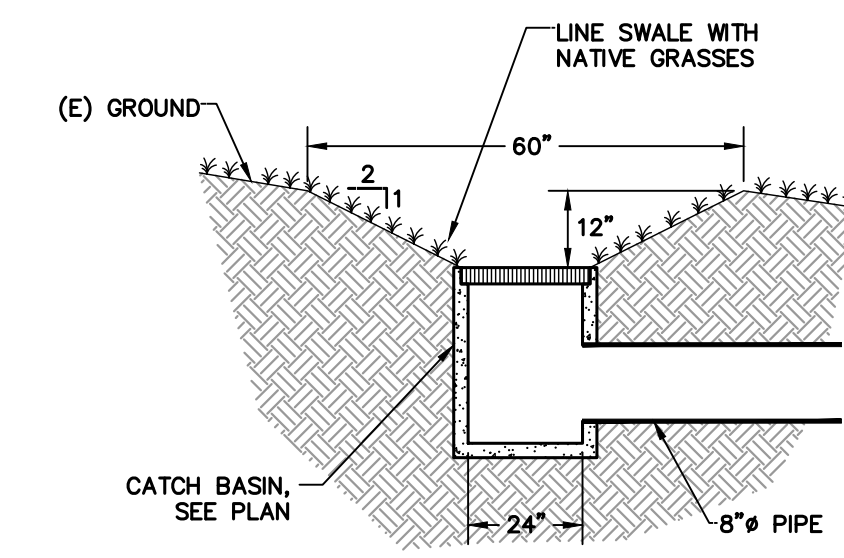
SECTION F-F
SCALE: 1"=10' HORIZONTAL, VERTICAL



BIOTREATMENT SWALE (1)
NTS (C-7.1)



GRASS LINED SWALE DETAIL (2)
NTS (C-7.1)



GRASS LINED SWALE DETAIL (3)
NTS (C-7.1)

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1008 WELLER ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028
SECTIONS & DETAILS
SHEET 2

project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG

C-7.1





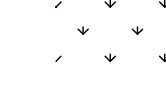

EROSION CONTROL MEASURES

- EROSION IS TO BE CONTROLLED AT ALL TIMES ALTHOUGH SPECIFIC MEASURES SHOWN. DURING THE PERIOD OF OCTOBER 15TH TO APRIL 15TH SHOWN MEASURES SHALL BE INSTALLED BY THE TIME OF THE INITIAL "GRADE STAKE" INSPECTION.
- ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING.
- ALL DITCHES SHALL BE LINED WITH GRASS OR 4" HAND PLACED COBBLE.
- ALL EXPOSED DISTURBED AREAS SHALL BE SEED AT A RATE OF 5# BROME SEED PER 1000 SF SEEDING AND WATERING SHALL BE MAINTAINED TO ENSURE GROWTH.
- ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE AND OUTFALL EROSION CONTROLS, E.G. SACKED CONCRETE RIP-RAP. ENERGY DISSIPATORS SHALL BE INSTALLED AT ALL DITCH OUTFALLS. WHERE OUTFALLS ARE NOT INTO AN EXISTING CREEK OR WATER COURSE RUNOFF SHALL BE RELEASED TO SHEET FLOW.
- PLANTING SHALL BE COMPLETED NOT MORE THAN 90 DAYS AFTER COMPLETION OF GRADING.
- THE DESIRED END RESULT OF THESE MEASURES IS TO CONTROL SITE EROSION AND PREVENT SEDIMENT TRANSPORT OFF THE SITE. IT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO SEE THAT ANY ADDITIONAL MEASURES NECESSARY TO MEET THIS GOAL ARE IMPLEMENTED. IF FAILED INSPECTIONS BY COUNTY STAFF SHOW THIS GOAL IS NOT BEING MET, ADDITIONAL MEASURES MAY BE REQUIRED.
- GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF THE SANTA CLARA COUNTY BUILDING OFFICIAL.
- IN ADDITION TO NOTE 4 ABOVE, SLOPES GREATER THAN 15' VERTICAL HEIGHT SHALL BE PLANTED WITH SHRUBS IN 2'x4' POTS OR LARGER, SPACED AT INTERVALS OF 10' OR LESS ON CENTERS, OR TREES HAVING A ONE GALLON MINIMUM SIZE AT 20' INTERVALS, OR A COMBINATION OF TREES AND SHRUBS AT A SPACING APPROPRIATE TO THE SPECIES. THE PLANS SELECTED AND THE PLANTING METHODS USED SHALL BE SUITABLE FOR THE SOIL AND CLIMATE CONDITIONS OF THE SITE.

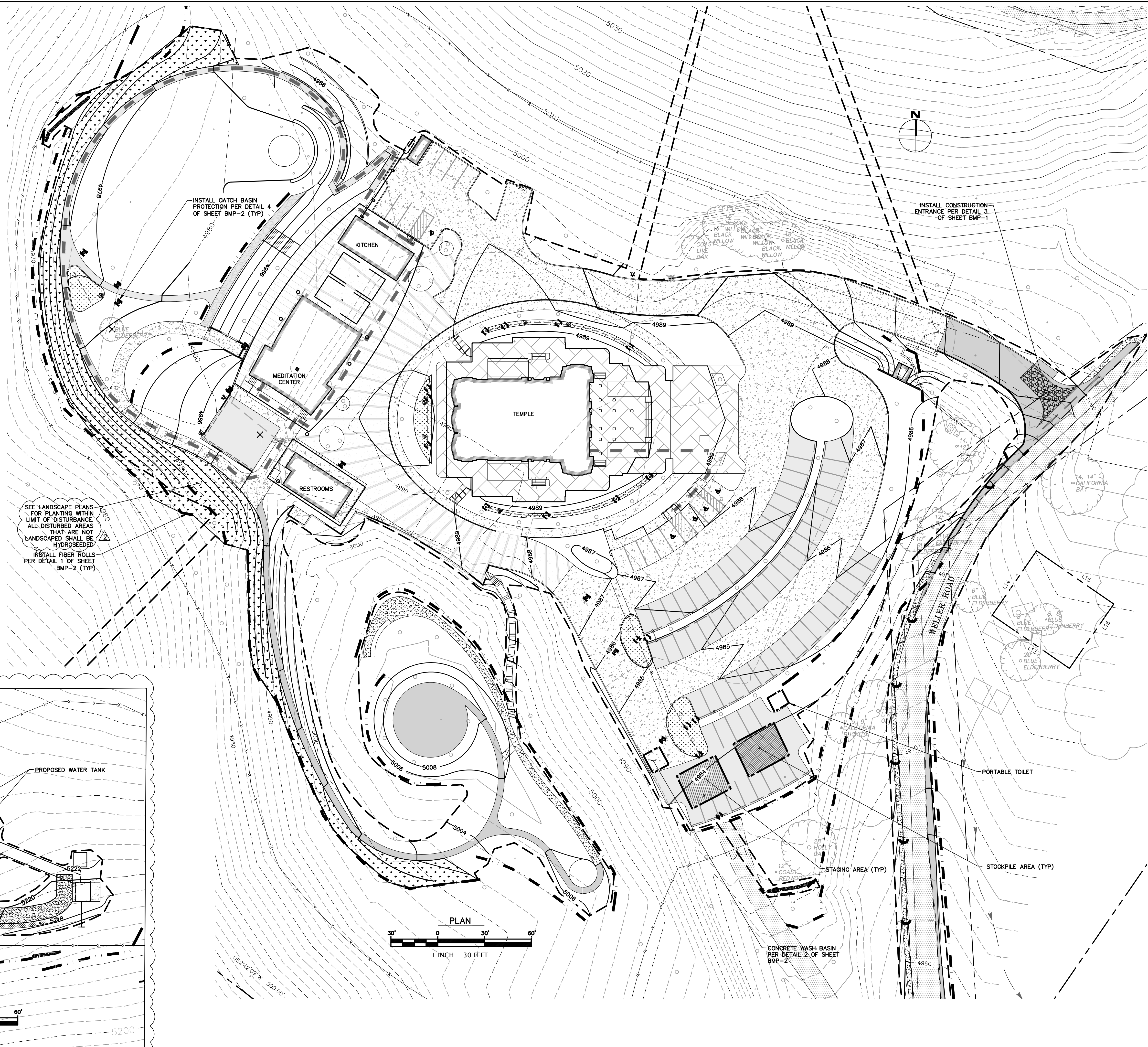
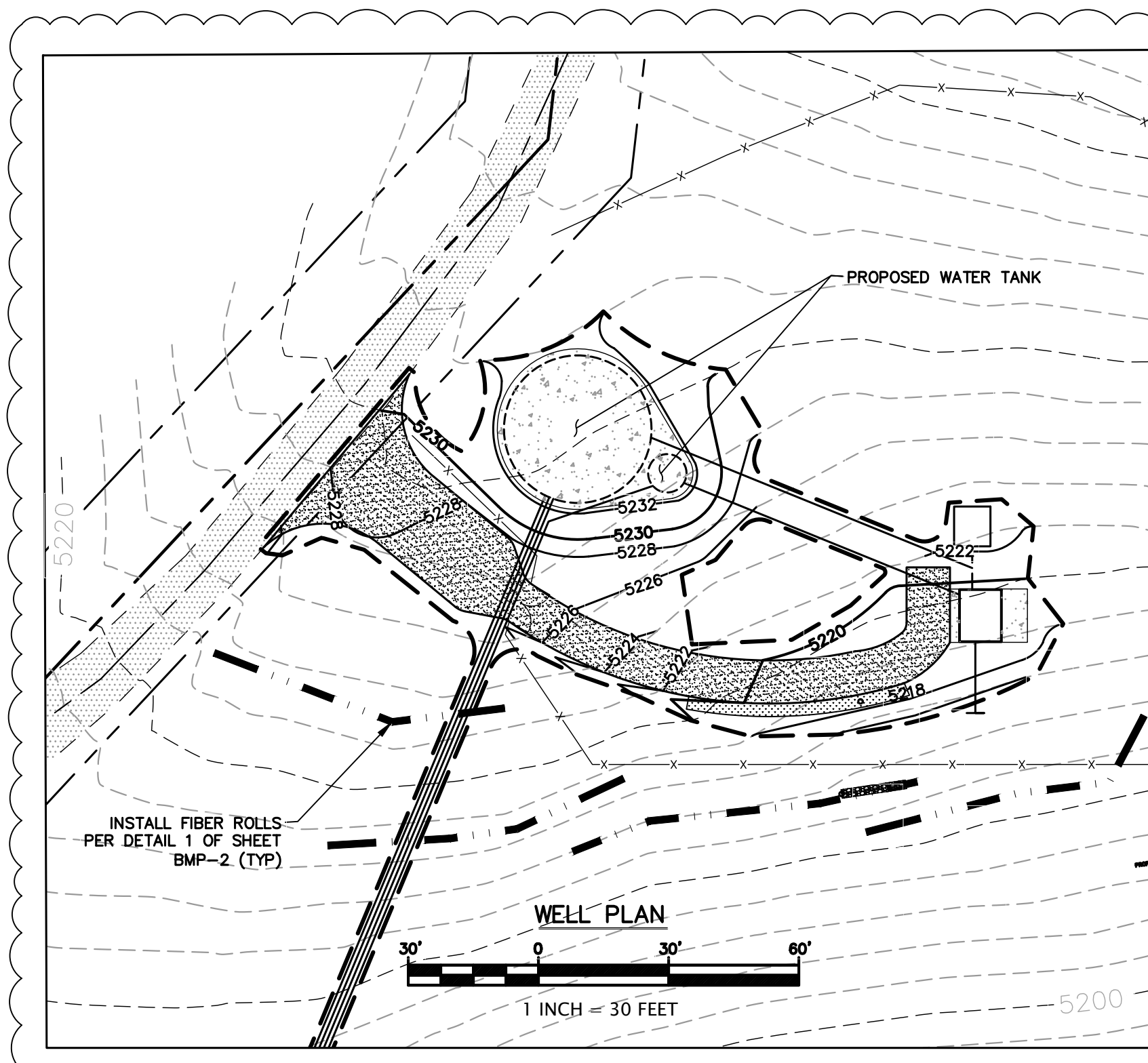
EXPOSED SLOPE MEASURES


- COVER ALL EXPOSED SLOPES
- STRAW 2 TONS/ACRE ON SLOPES \leq 20% WITH SOIL BINDER
- USE NORTH AMERICAN GREEN C125 OR EQUAL ON SLOPES $>$ 20%

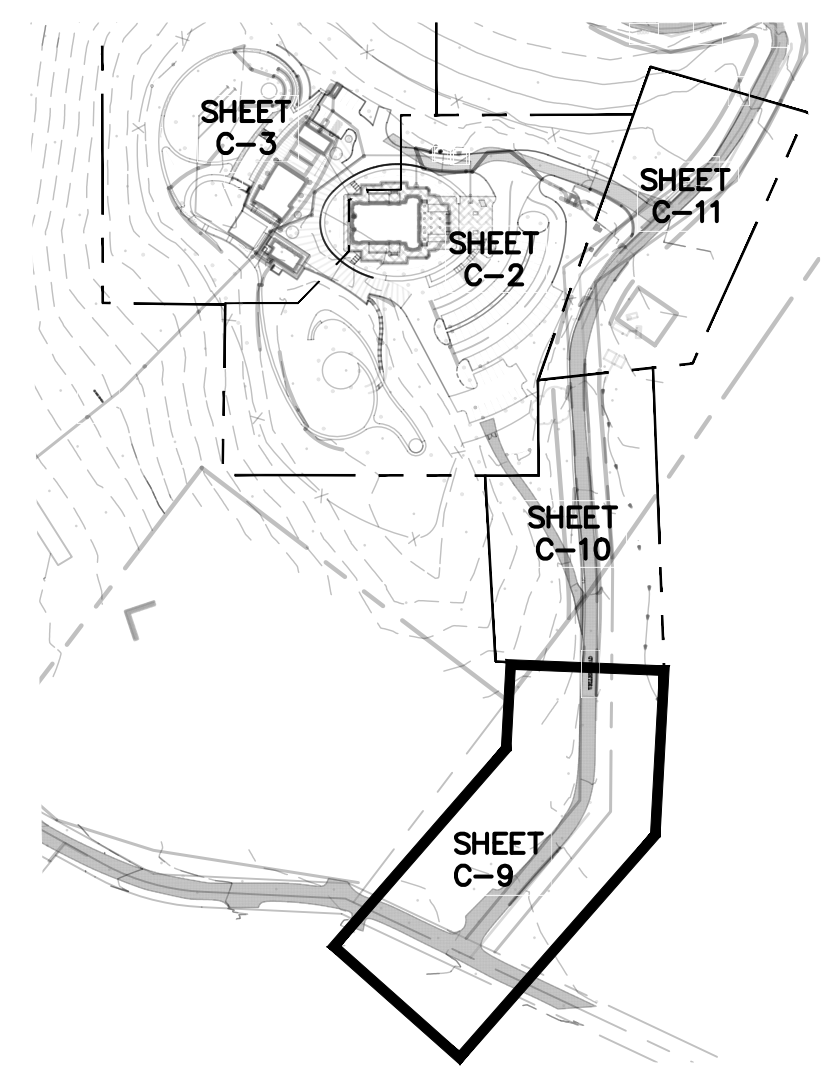
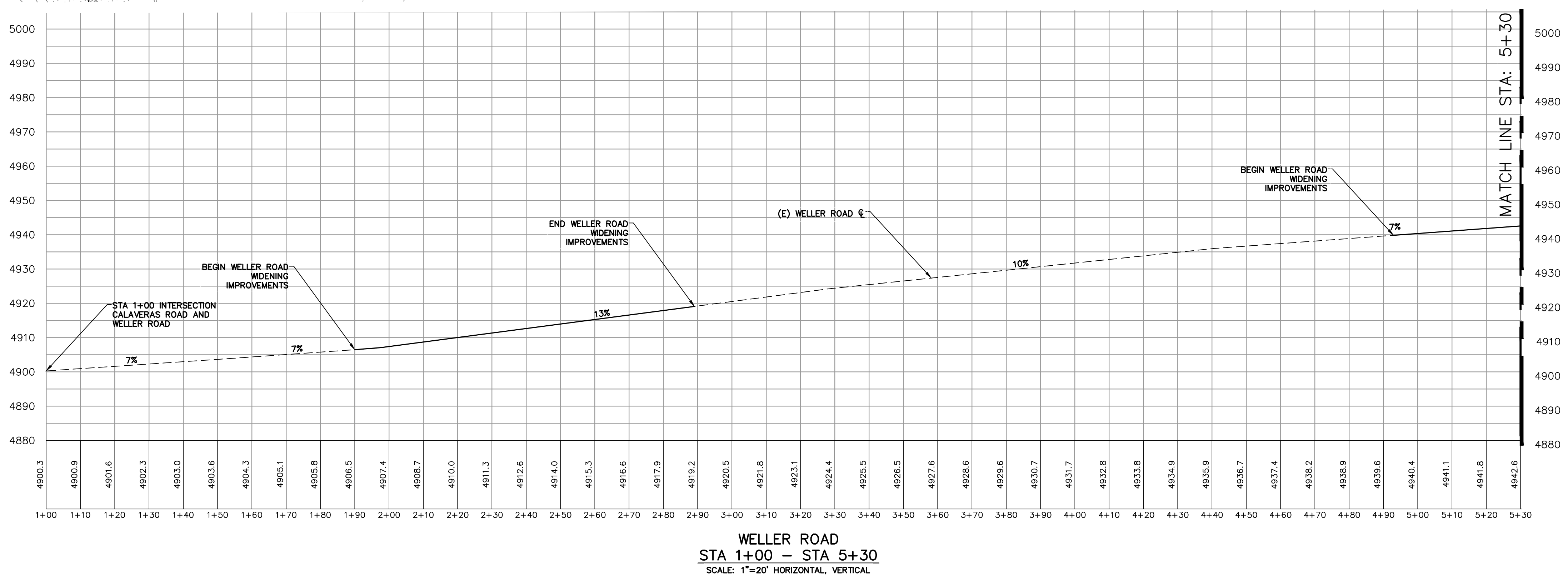
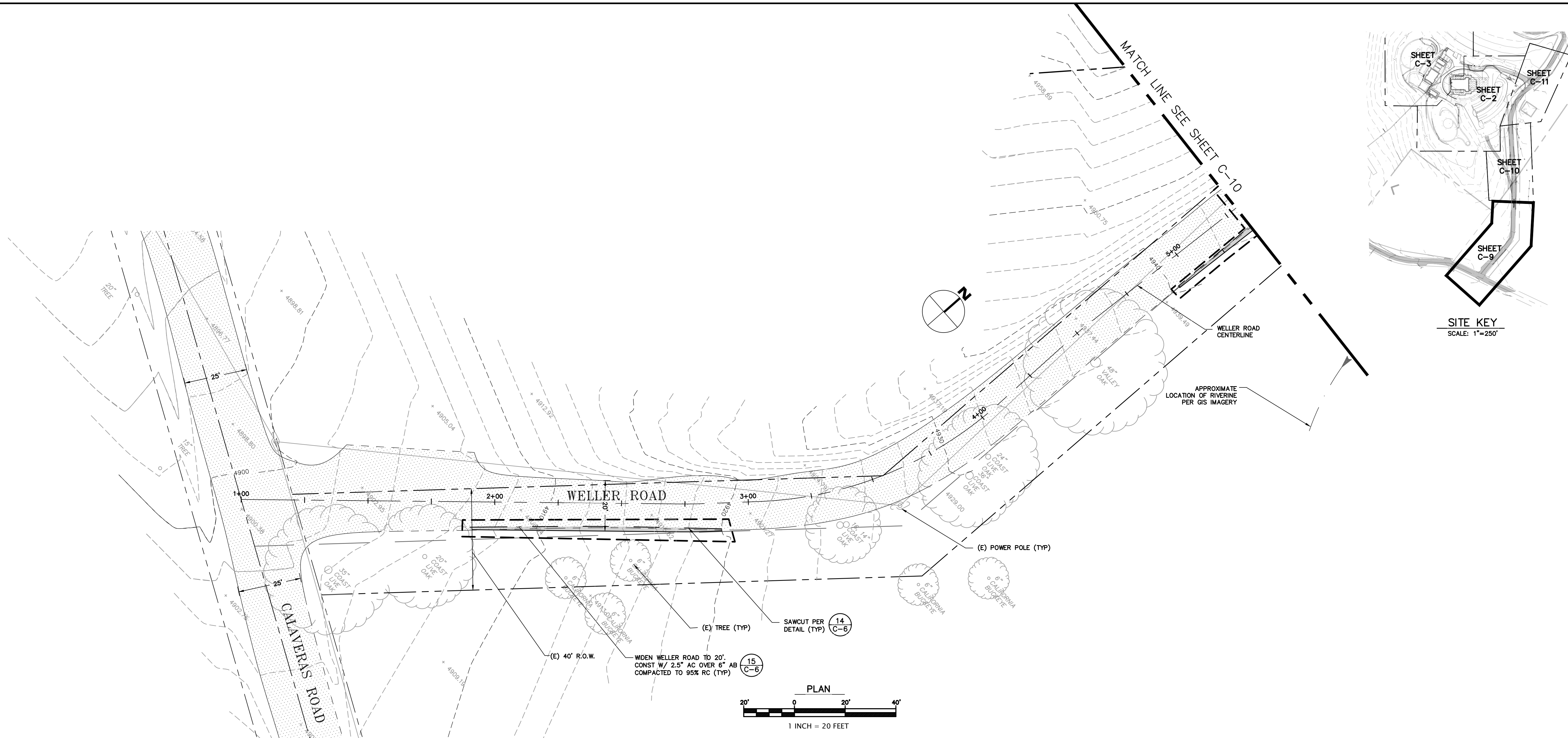
EROSION CONTROL LEGEND

-  INSTALL FIBER ROLL PER DETAILS THIS SHEET
-  INSTALL CATCH BASIN PROTECTION PER DETAIL THIS SHEET
-  INSTALL STABILIZED CONSTRUCTION ENTRANCE PER DETAIL THIS SHEET
-  PROPOSED SLOPE PROTECTION
-  PROPOSED STAGING AREA
-  PROPOSED STOCKPILE AREA

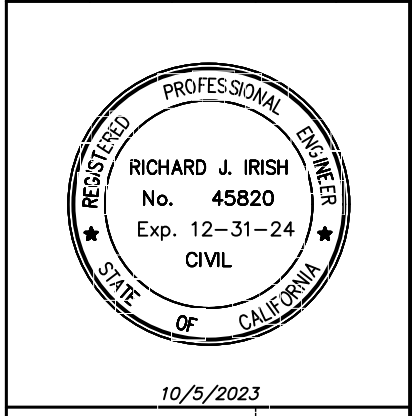
SEE LANDSCAPE PLANS FOR PLANTING WITHIN LIMIT OF DISTURBANCE. ALL DISTURBED AREAS THAT ARE NOT LANDSCAPED SHALL BE HYDROSEEDED.
INSTALL FIBER ROLLS PER DETAIL 1 OF SHEET BMP-2 (TYP)



REVISED PER COUNTY COMMENTS - NOVEMBER 2021	PROFESSIONAL ENGINEER
REVISED PER COUNTY COMMENTS - AUGUST 2023	RICHARD J. IRISH No. 45820 Exp. 12-31-24 CIVIL
10/9/2023	
	
RI Engineering, Inc.	
303 Potrero St., Suite 42-202, Santa Cruz, CA 95060 831-425-3901 www.riengineering.com	
JAIN TEMPLE AND MEDITATION CENTER FOR DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA 1008 WELER ROAD (ADDRESS PENDING APPROVAL) SANTA CLARA COUNTY, CA APN # 042-04-029 & 028	EROSION CONTROL PLAN
project no. 20-076-1	date OCTOBER 2023
scale AS SHOWN	dwg name CIVIL3.DWG
	



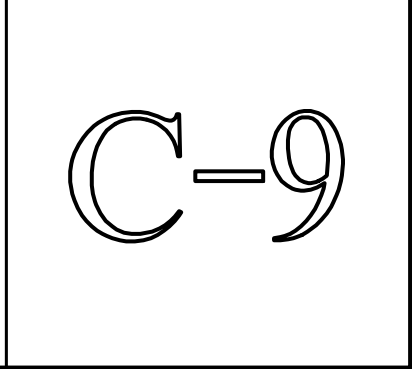
REVISER PER COUNTY COMMENTS - NOVEMBER 2021
REVISER PER COUNTY COMMENTS - AUGUST 2023



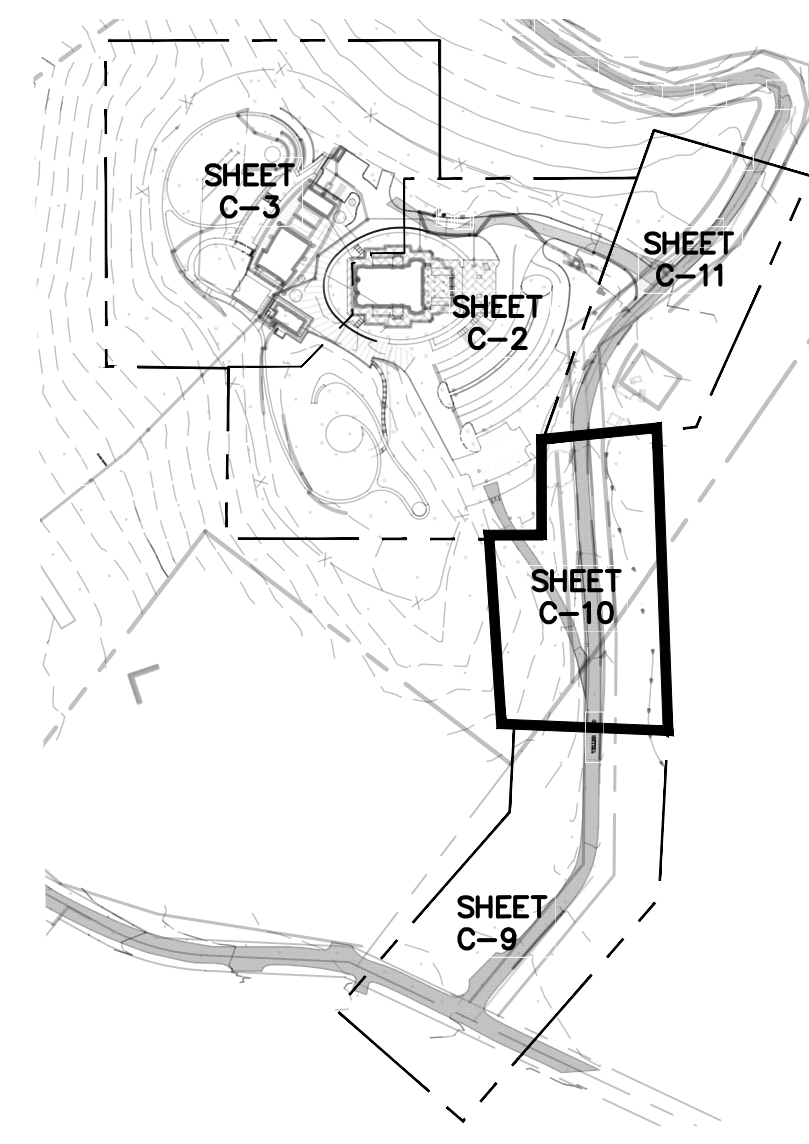
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SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028
WELLER ROAD - SECTION 1

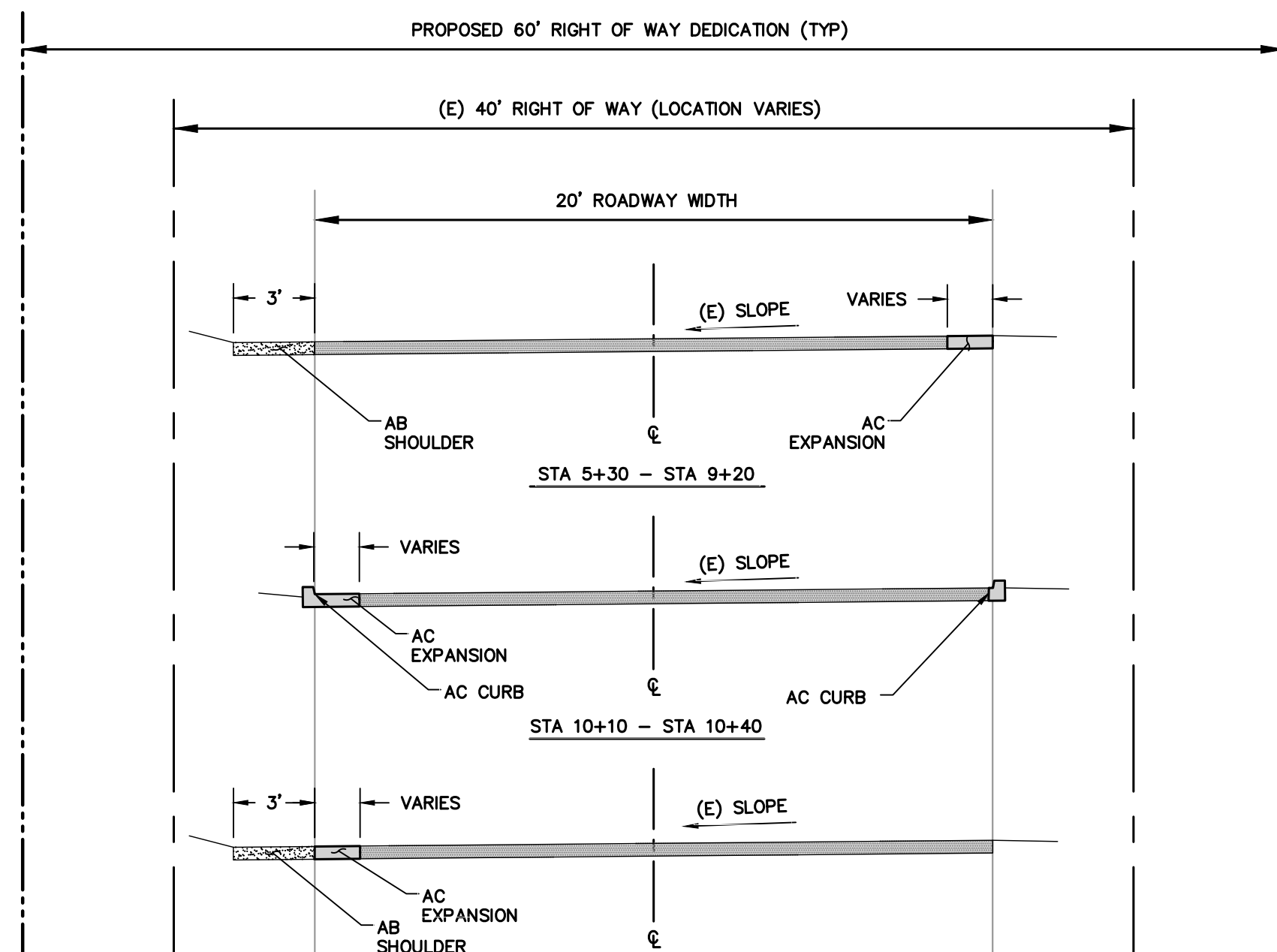
project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG



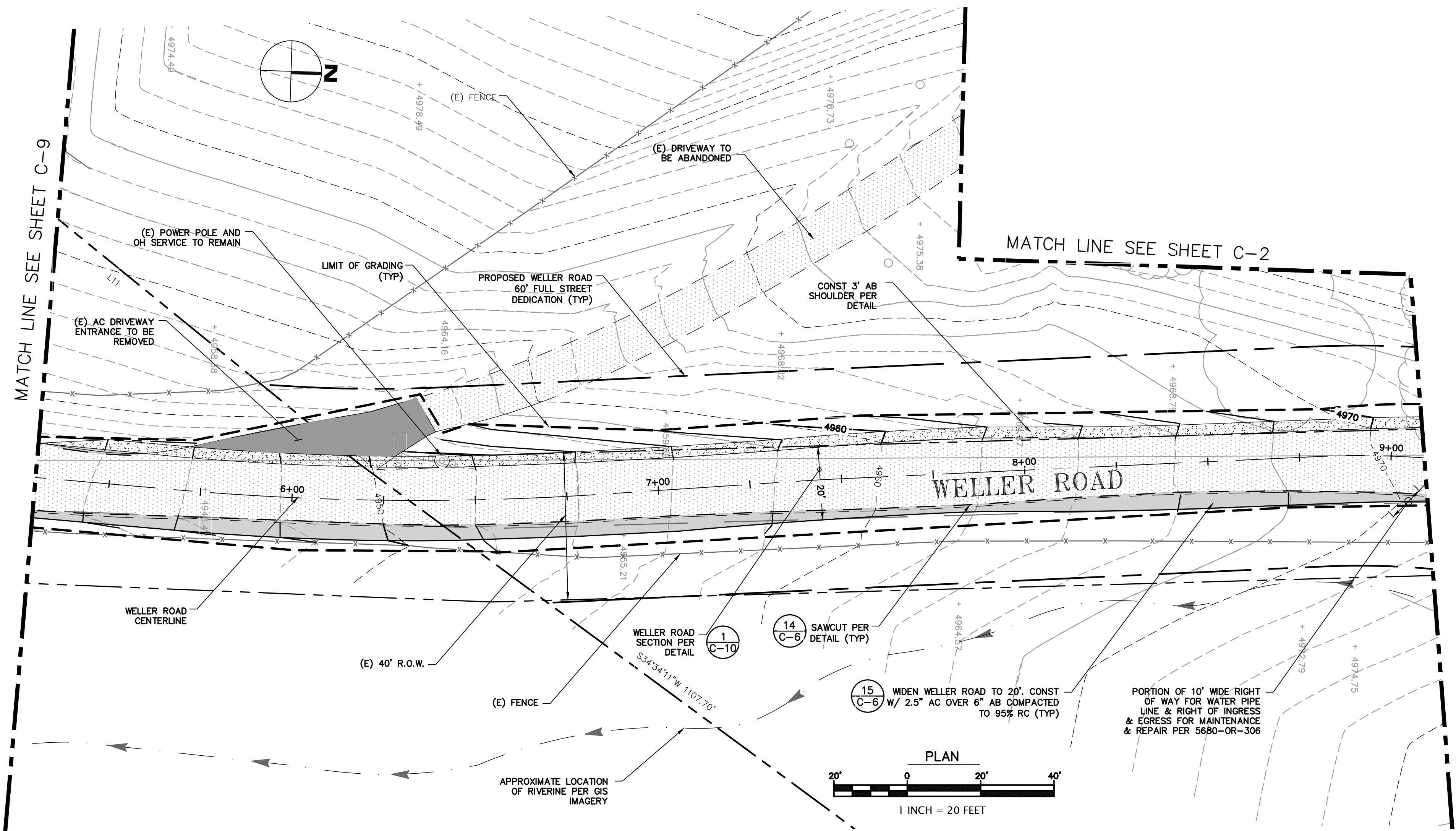
PLANNING SUBMITTAL



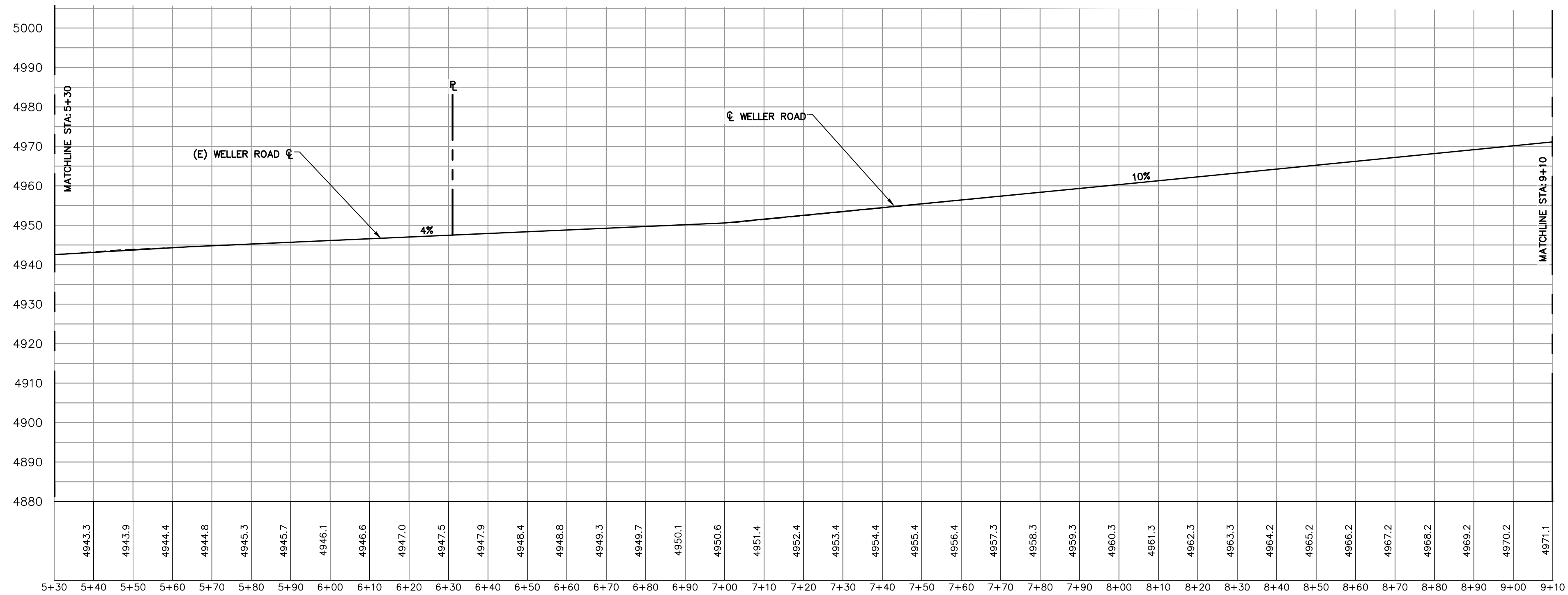
SITE KEY
SCALE: 1"=250'



WELLER ROAD SECTIONS
N.T.S. 1 C-10

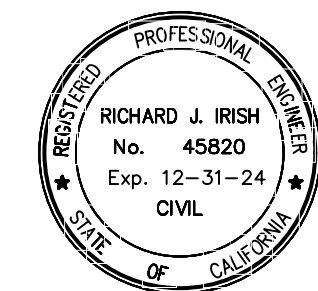


PLAN
1 INCH = 20 FEET



WELLER ROAD
STA 5+30 - STA 9+10
SCALE: 1"=20' HORIZONTAL, VERTICAL

REVISOR PER COUNTY COMMENTS - NOVEMBER 2021
REVISOR PER COUNTY COMMENTS - AUGUST 2023



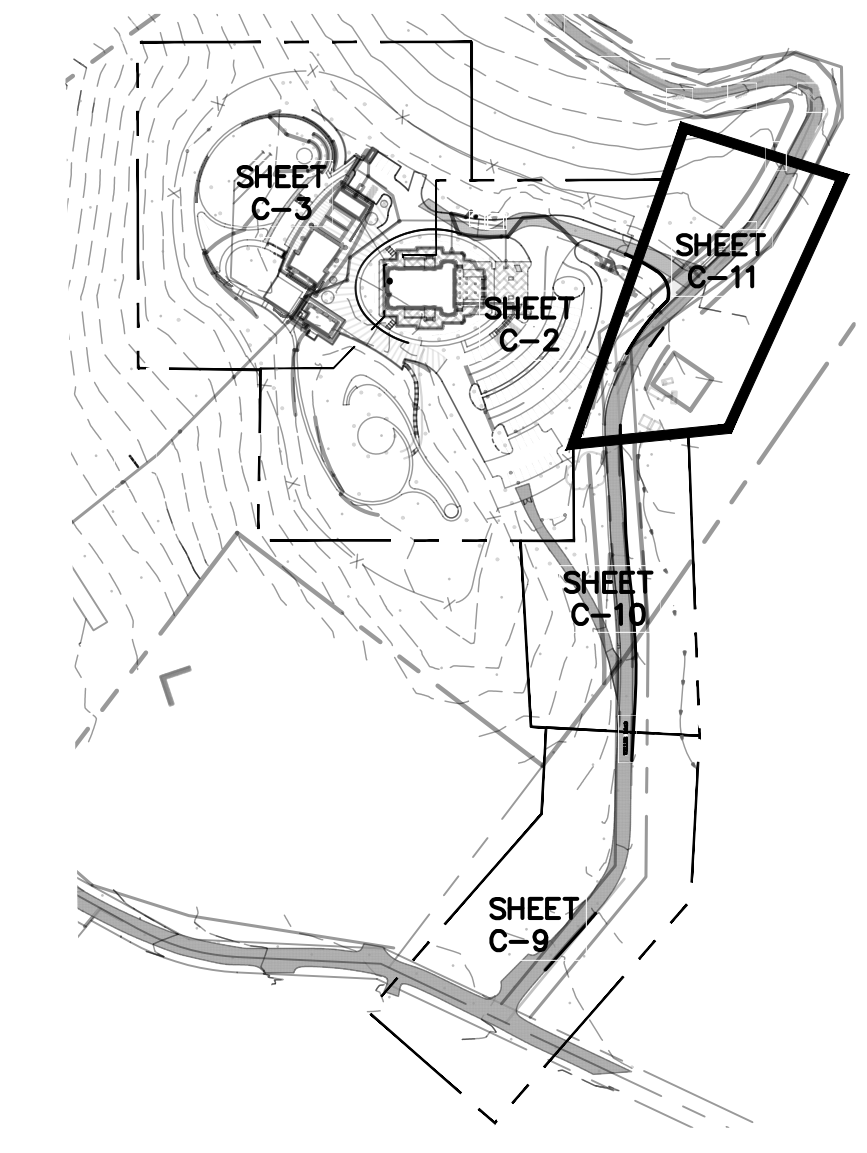
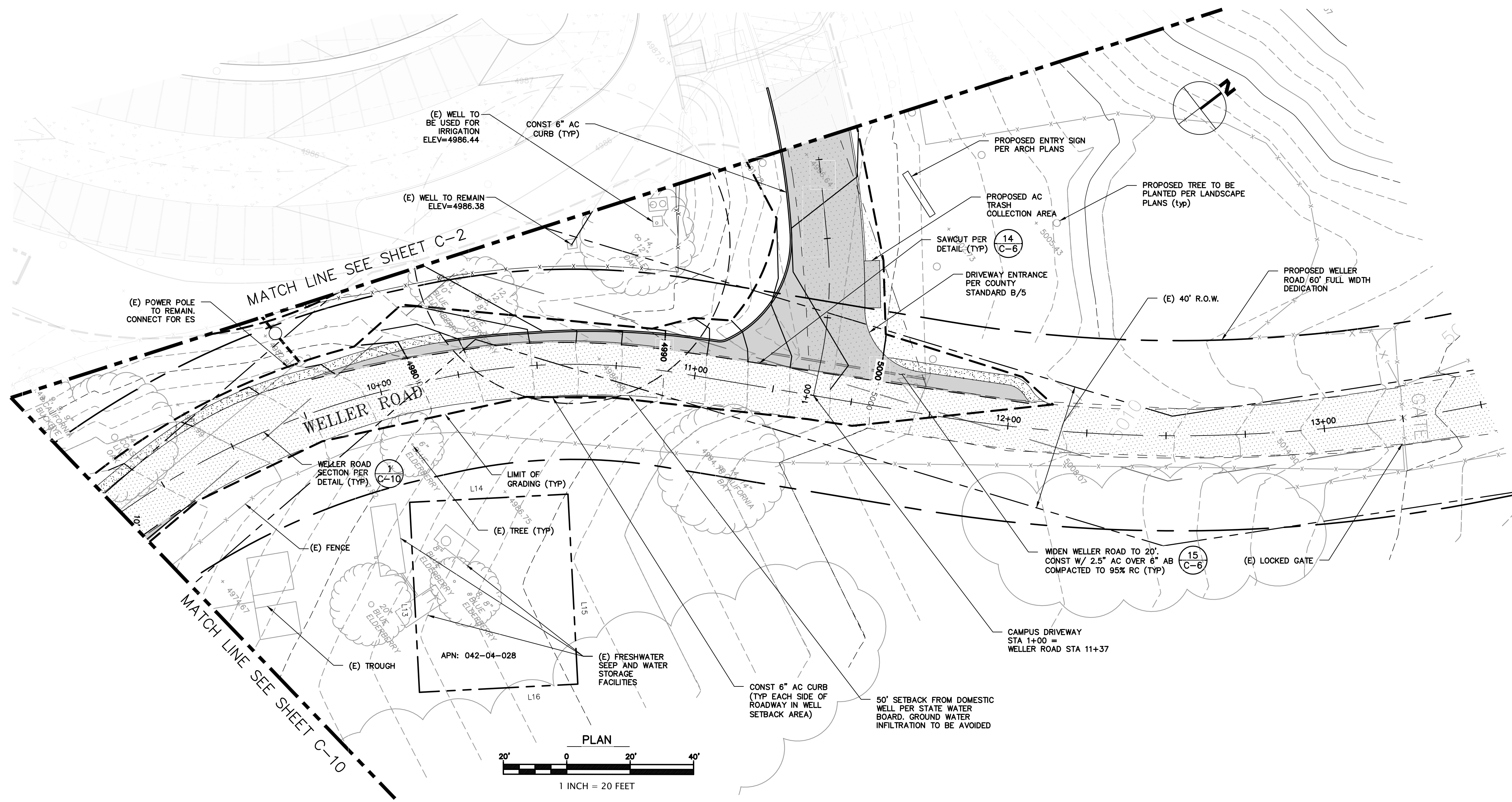
10/9/2023

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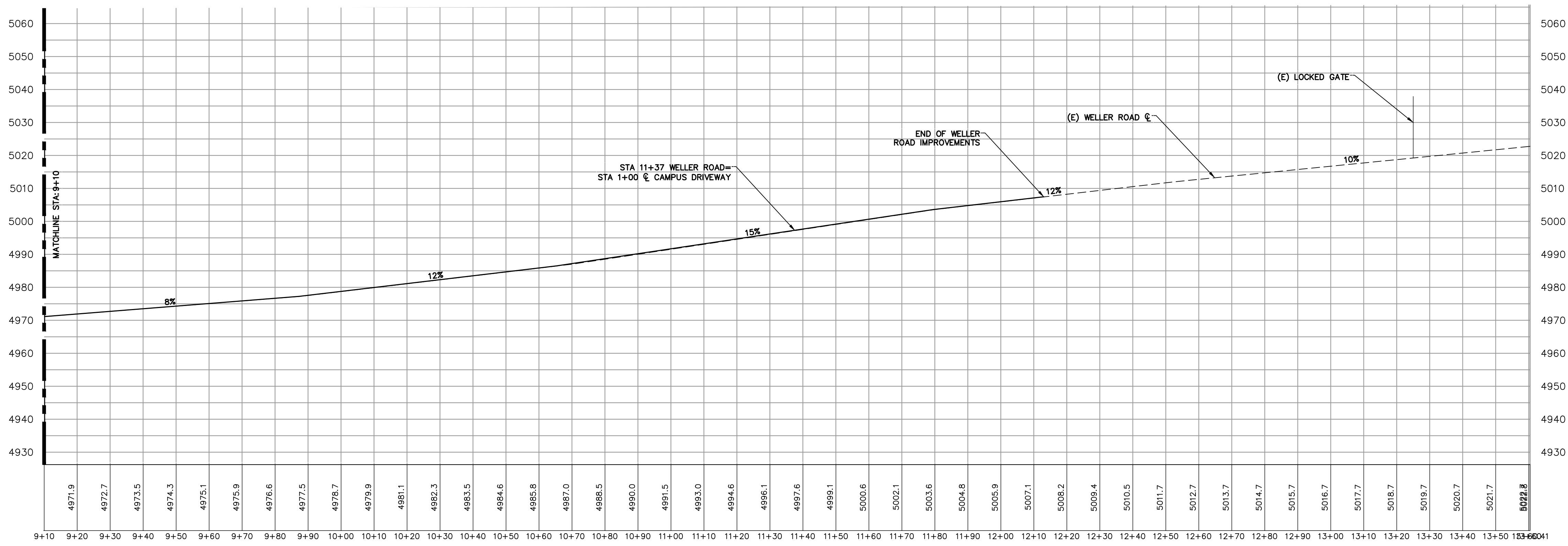
JAIN TEMPLE AND MEDITATION CENTER
FOR
DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA
1008 WELLER ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028
WELLER ROAD - SECTION 2

project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG

C-10



SITE KEY
SCALE: 1"=250'



WELLER ROAD
STA 9+10 - STA 13+60
SCALE: 1"=20' HORIZONTAL, VERTICAL

REVIS PER COUNTY COMMENTS - NOVEMBER 2021
REVIS PER COUNTY COMMENTS - AUGUST 2023

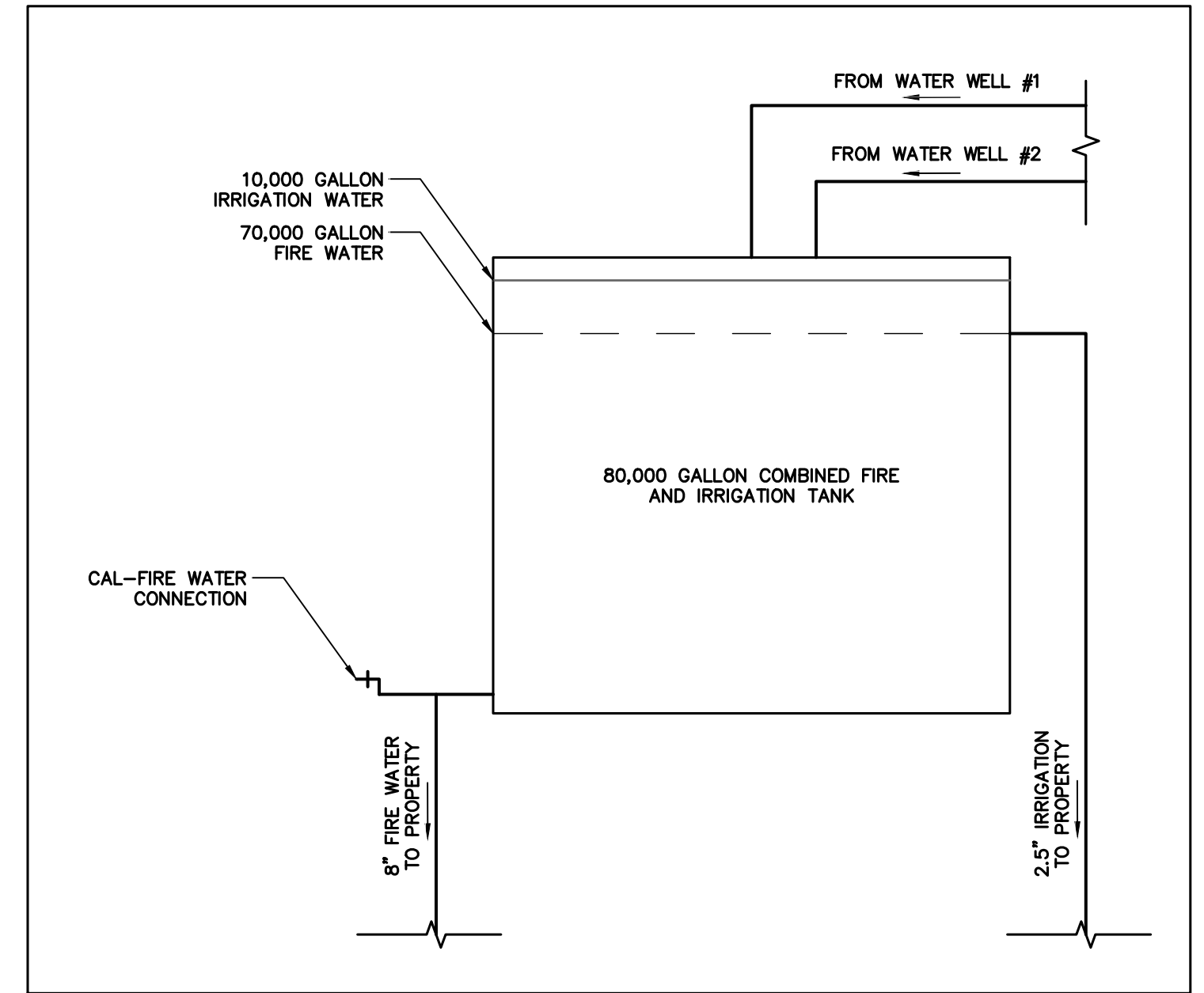
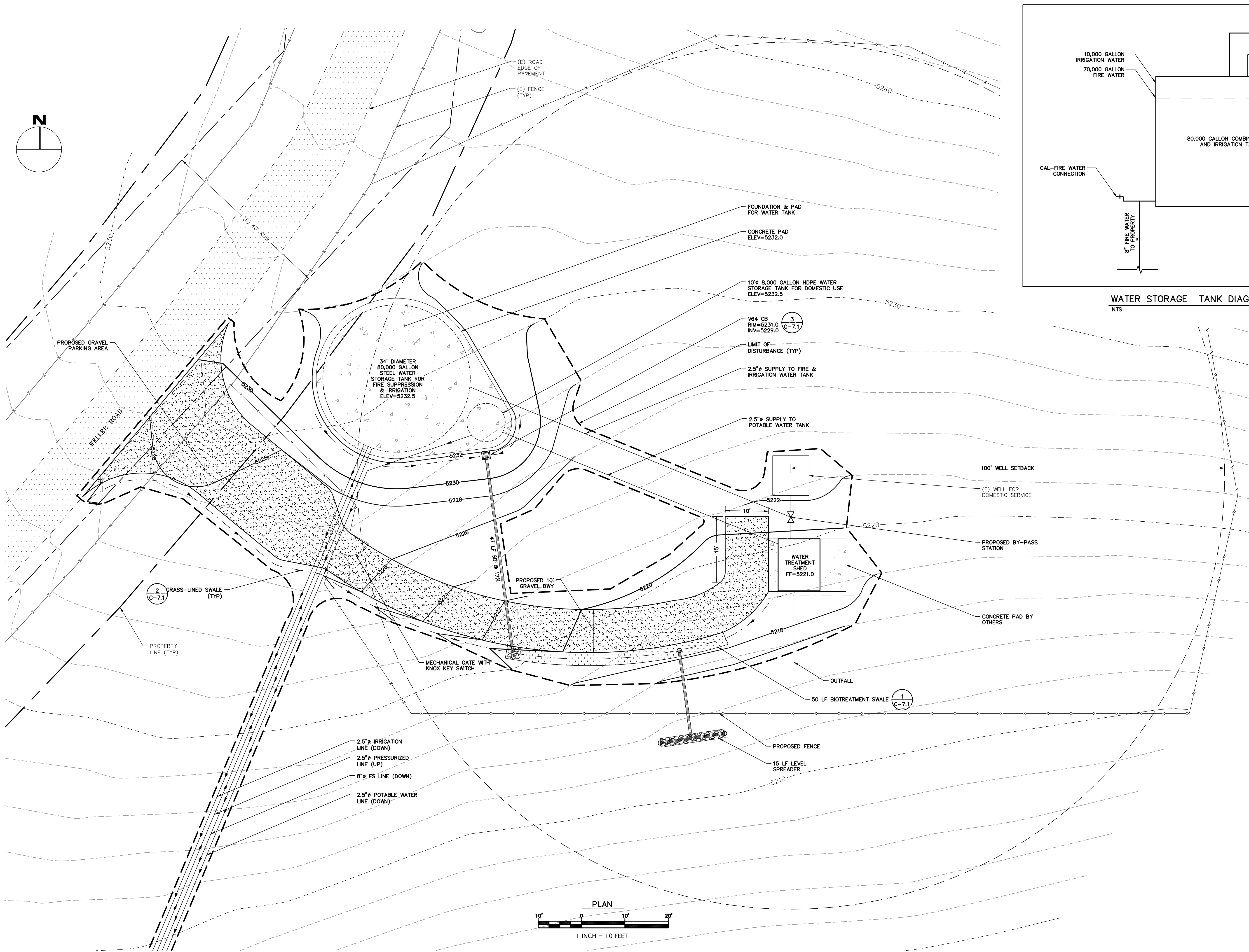
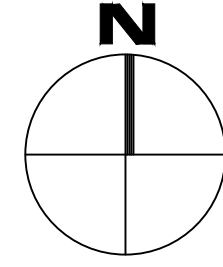


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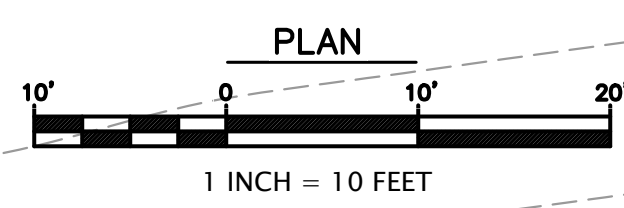
JAIN TEMPLE AND MEDITATION CENTER
FOR
DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA
1008 WELLER ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028
WELLER ROAD -SECTION 3

project no.
20-076-1
date
OCTOBER 2023
scale
AS SHOWN
dwg name
CIVIL3.DWG

C-11

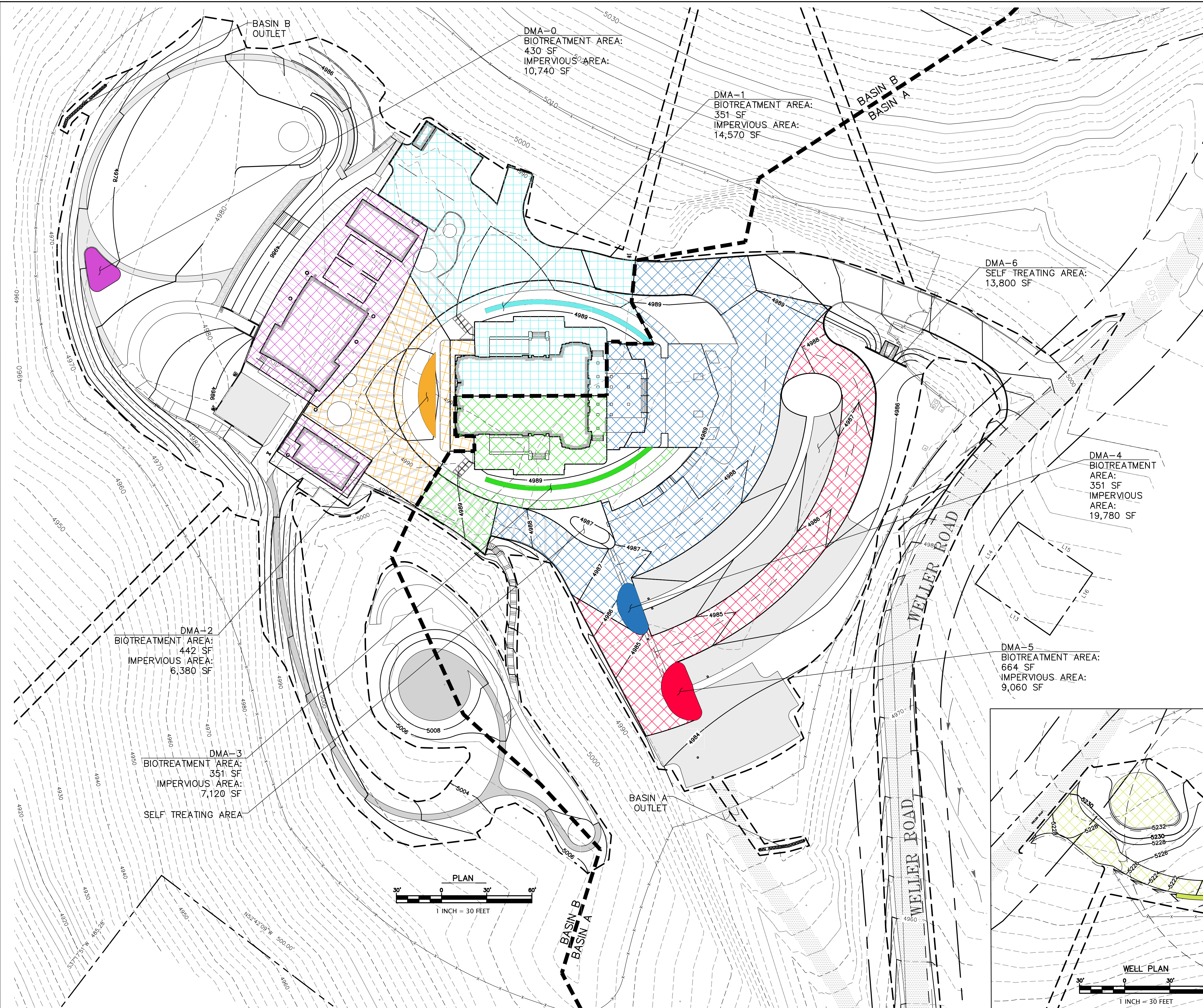


WATER STORAGE TANK DIAGRAM
NTS



REVISIONS 1. REVISED PER COUNTY COMMENTS - NOVEMBER 2021 2. REVISED PER COUNTY COMMENTS - AUGUST 2023	
10/5/2023	
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project no.	20-076-1
date	OCTOBER 2023
scale	AS SHOWN
dwg name	CIVIL3.DWG

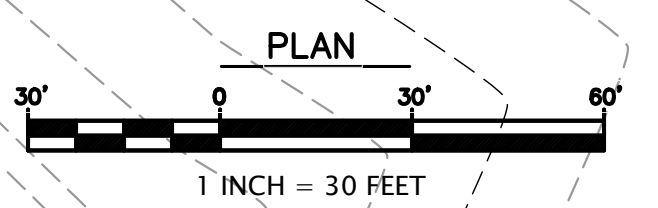
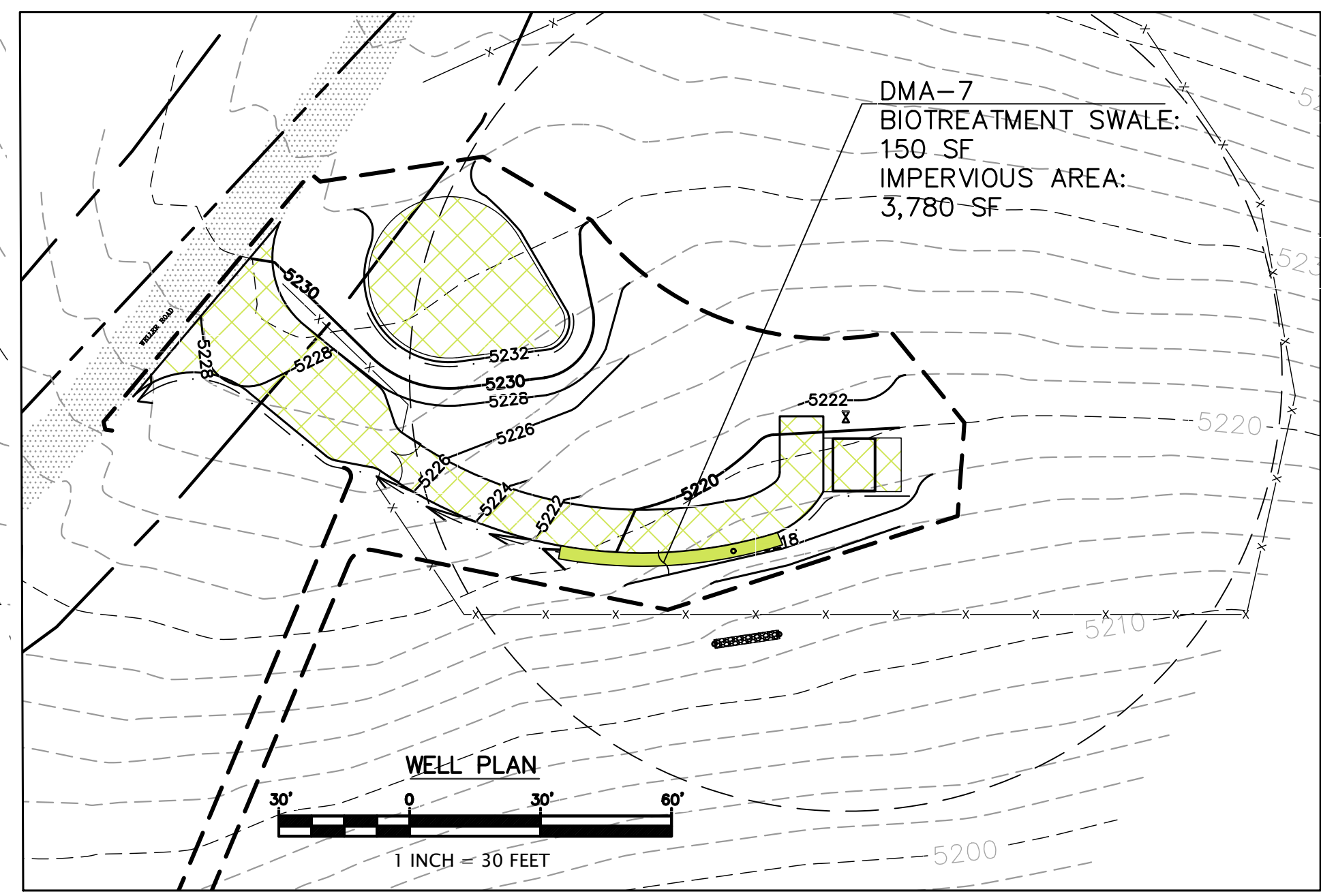
C-11.1



DMA TABLE

DMA	TREATED AREA	TREATMENT TYPE
BASIN B	0	10,740 SF RAINWATER HARVESTING
	1	14,570 SF BIOTREATMENT
	2	6,380 SF BIOTREATMENT
BASIN A	3	7,120 SF BIOTREATMENT
	4	19,780 SF BIOTREATMENT
	5	9,060 SF BIOTREATMENT
	6	13,800 SF SELF TREATING
TOTAL AREA TREATED		81,450 SF

- DMA LEGEND**
- DMA 0
 - DMA 0 TREATMENT
 - DMA 1
 - DMA 1 TREATMENT
 - DMA 2
 - DMA 2 TREATMENT
 - DMA 3
 - DMA 3 TREATMENT
 - DMA 4
 - DMA 4 TREATMENT
 - DMA 5
 - DMA 5 TREATMENT
 - DMA 6 TREATMENT
 - DMA 7
 - DMA 7 TREATMENT
 - DRAINAGE BASIN BOUNDARY



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1008 WELER ROAD (ADDRESS PENDING APPROVAL)
SANTA CLARA COUNTY, CA
APN # 042-04-029 & 028

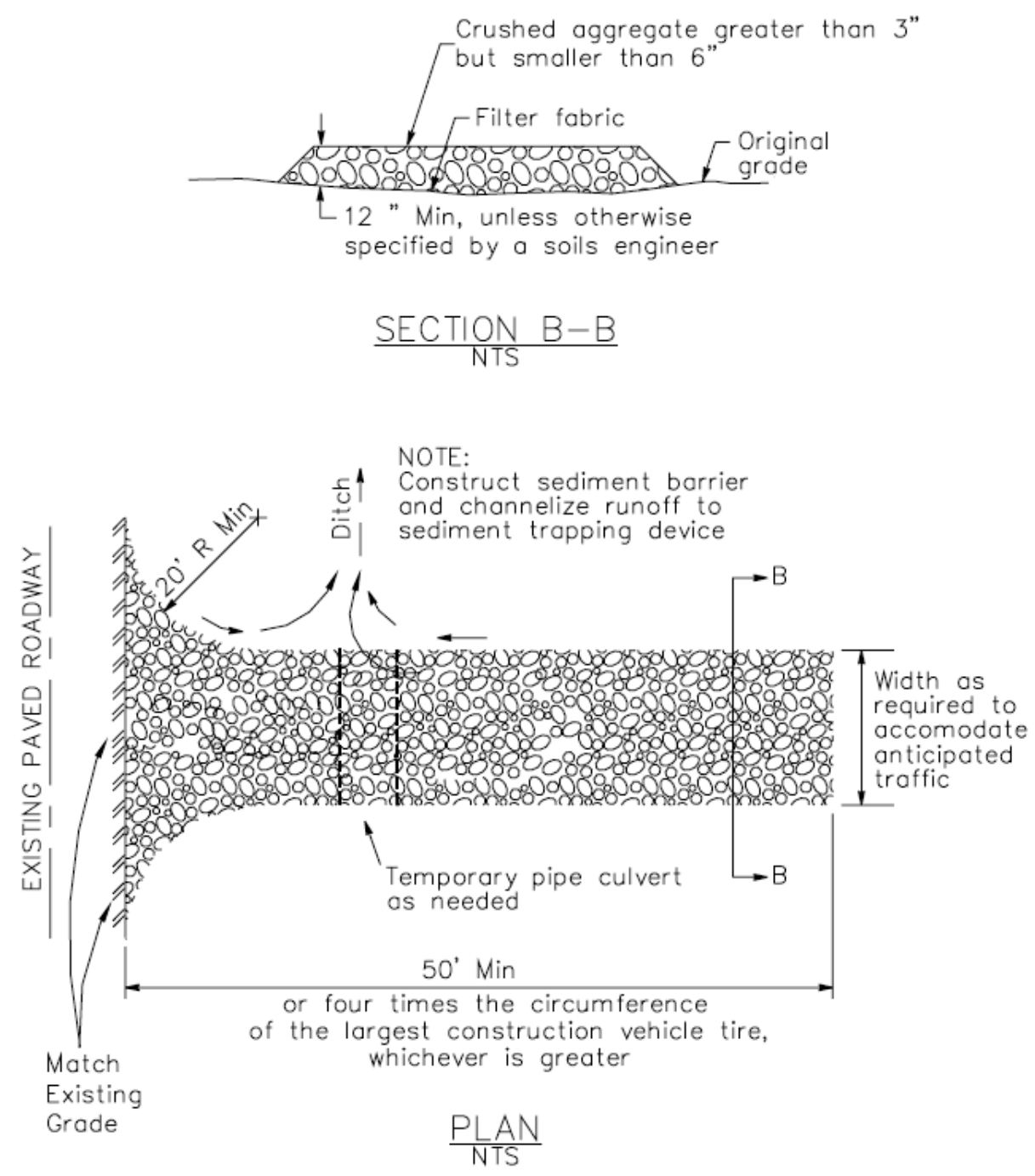
DRAINAGE MANAGEMENT AREAS

project no. 20-076-1
date OCTOBER 2023

scale AS SHOWN
dwg name CIVIL3.DWG

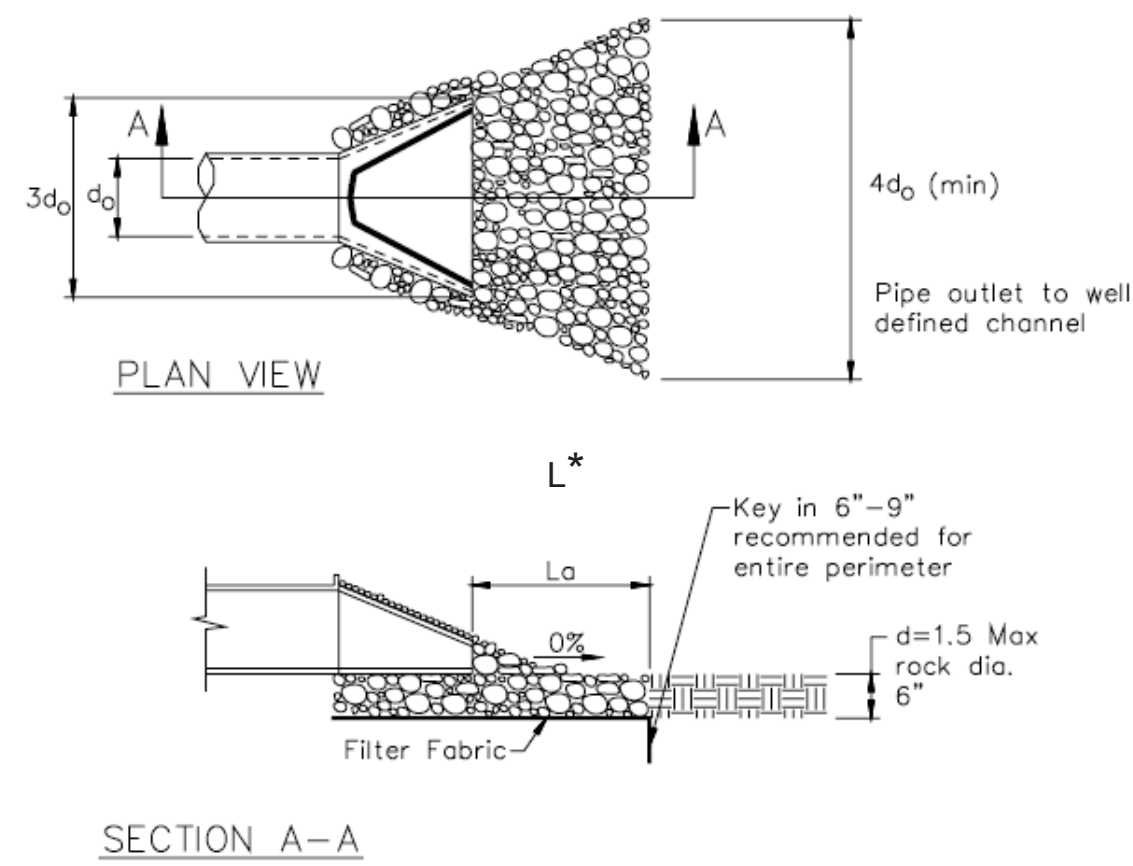
3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



4 Velocity Dissipation Devices

CASQA Detail EC-10

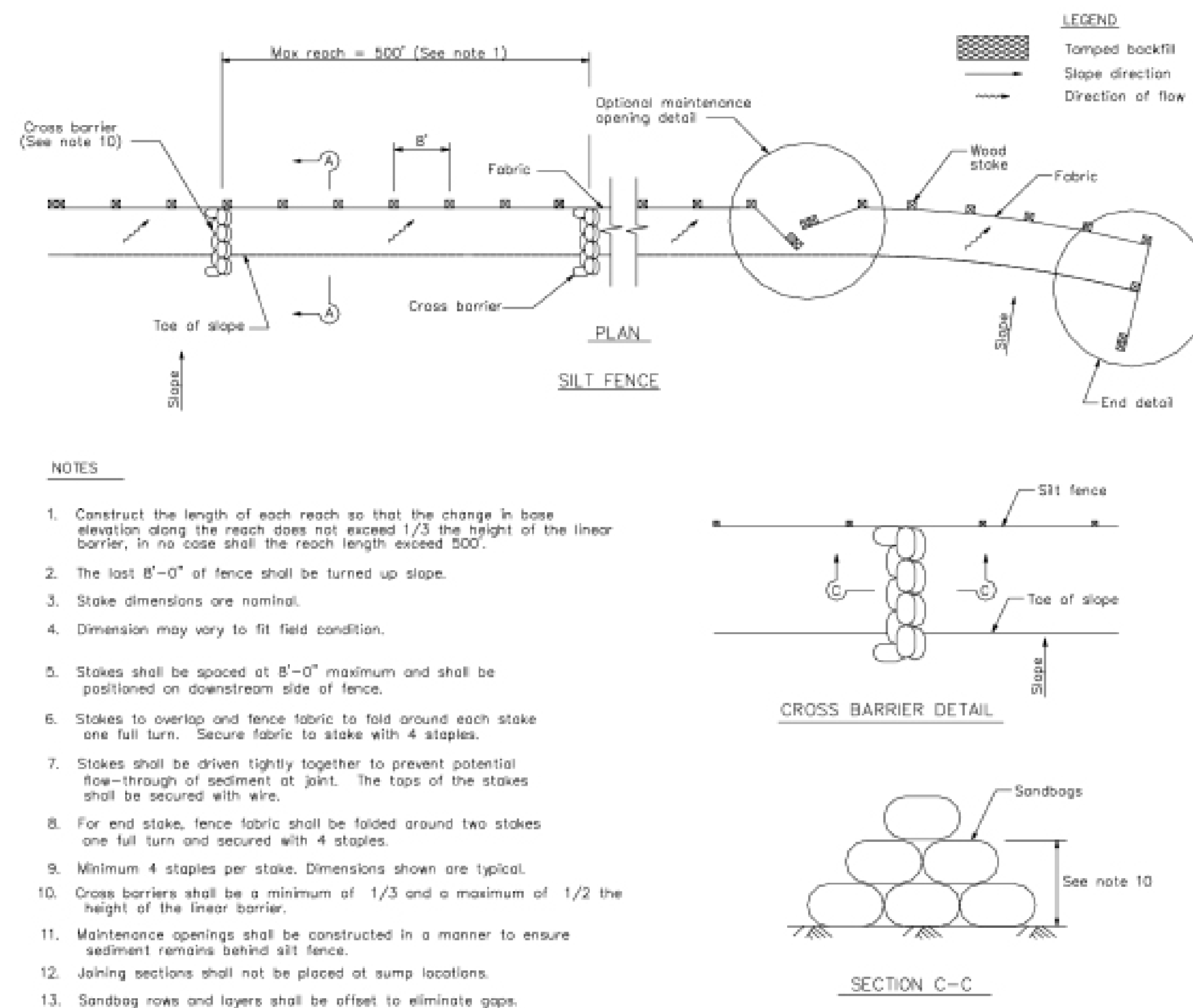


* Length per ABAG Design Standards

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

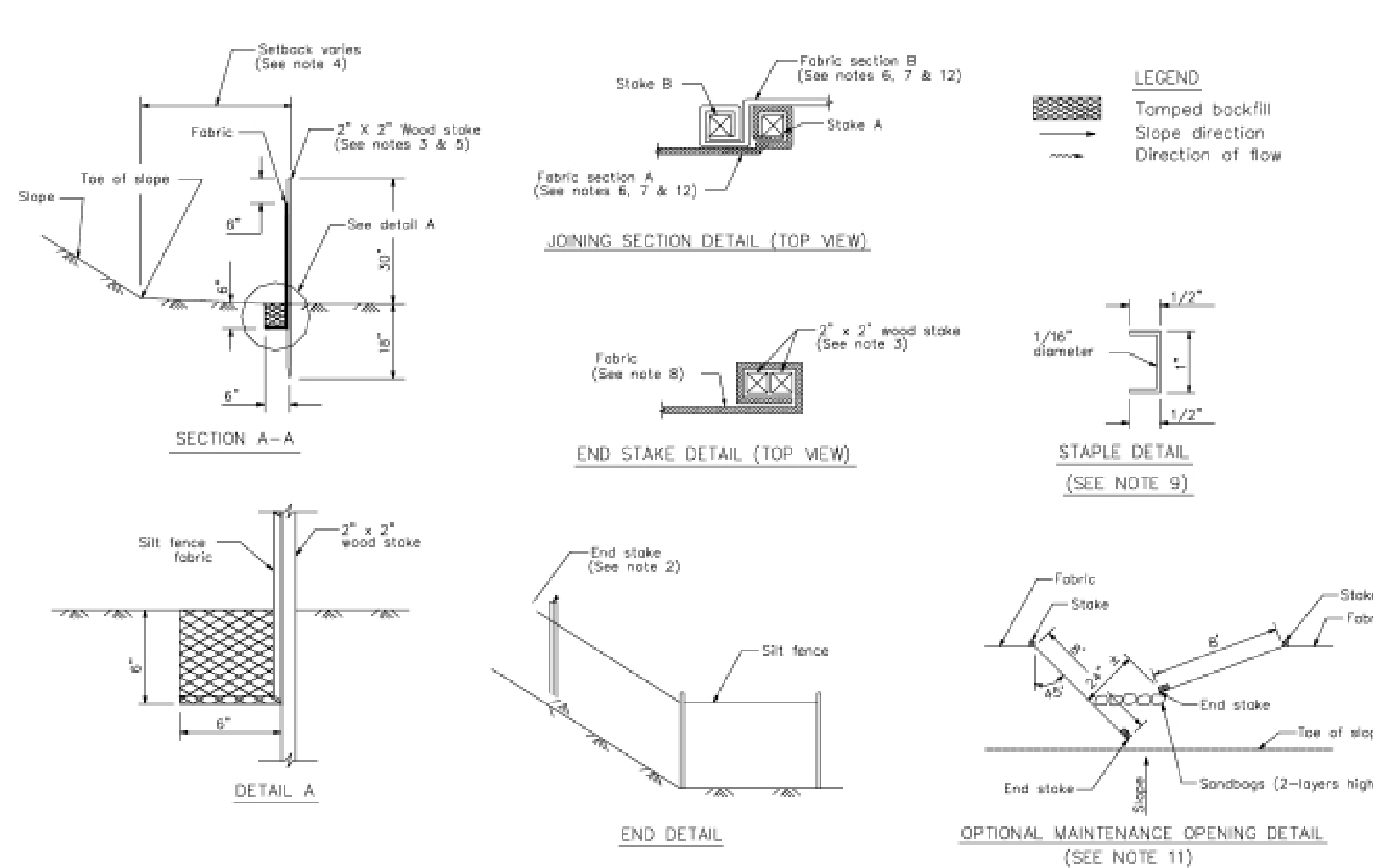
1 Silt Fence

CASQA Detail SE-1



2 Silt Fence

CASQA Detail SE-1



STANDARD BEST MANAGEMENT PRACTICE NOTES

- Solid and Demolition Waste Management:** Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest.
- Hazardous Waste Management:** Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
- Spill Prevention and Control:** Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
- Vehicle and Construction Equipment Service and Storage:** An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
- Material Delivery, Handling and Storage:** In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
- Handling and Disposal of Concrete and Cement:** When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
- Pavement Construction Management:** Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
- Contaminated Soil and Water Management:** Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
- Sanitary/Septic Water Management:** Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
- Inspection & Maintenance:** Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

STANDARD EROSION CONTROL NOTES

- Sediment Control Management:**
 - Tracking Prevention & Clean Up:** Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or, more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.
 - Storm Drain Inlet and Catch Basin Inlet Protection:** All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber rolls or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.
 - Storm Water Runoff:** No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.
 - Dust Control:** The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.
 - Stockpiling:** Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
- Erosion Control:** During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
- Inspection & Maintenance:** Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
- Project Completion:** Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.

Project Information

JAIN TEMPLE AND MEDITATION CENTER
FOR
DIGAMBAR JAIN SANGH OF NORTHERN CALIFORNIA
1088 WELLS ROAD
APN: 042-04-029 & 028
PROJECT # 20-076-1

Best Management Practices and Erosion Control Details Sheet 1

County of Santa Clara

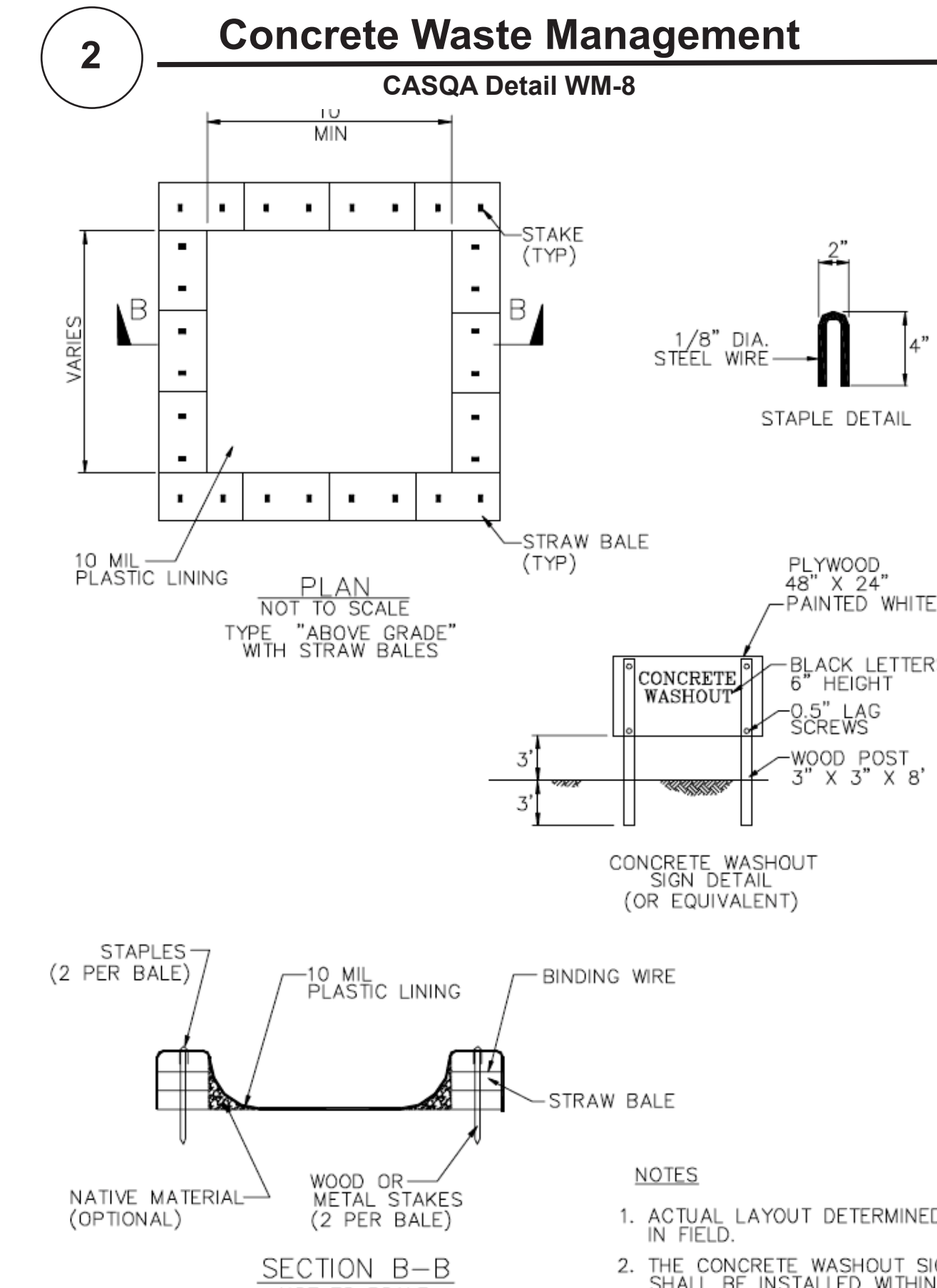
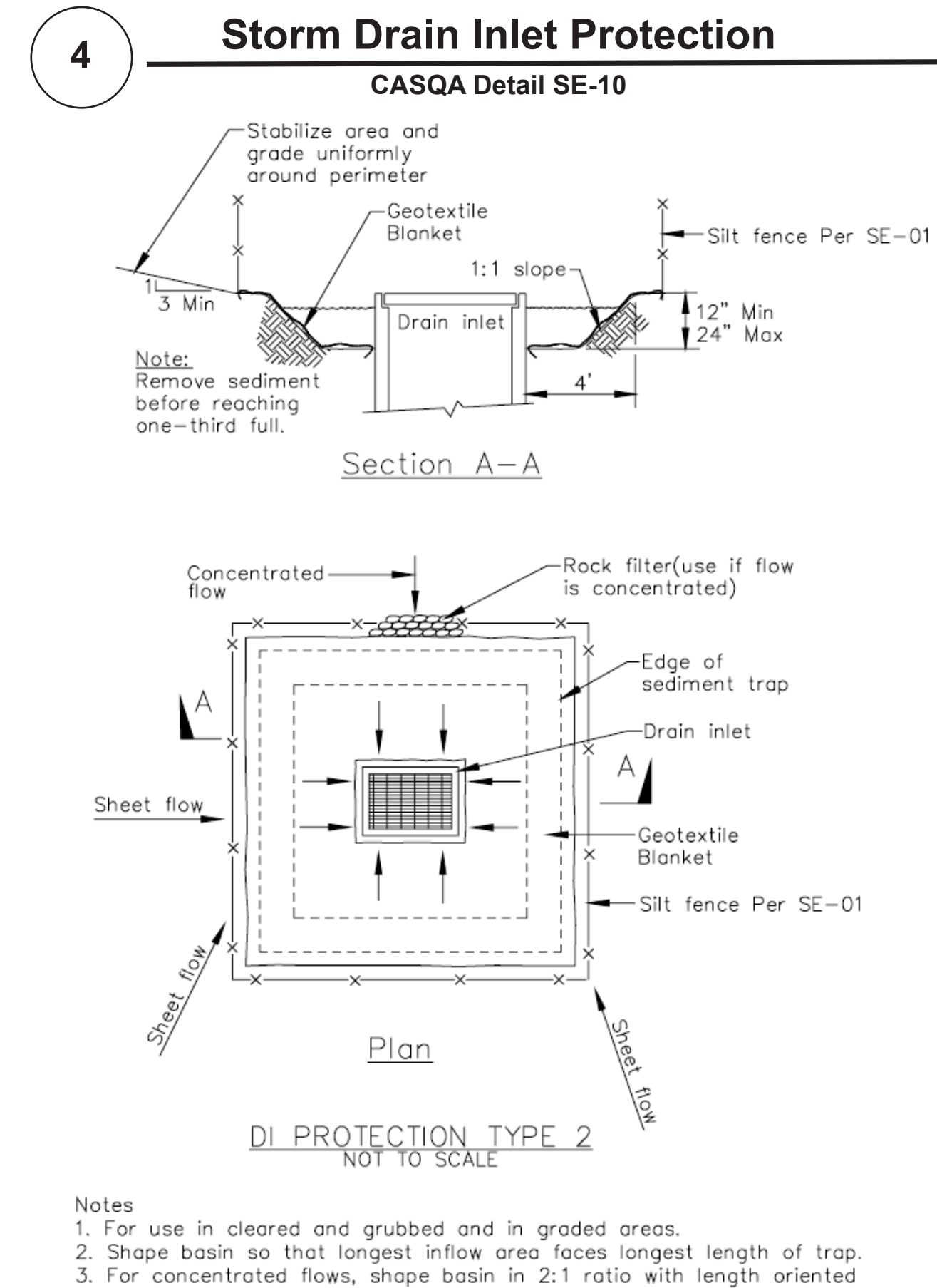
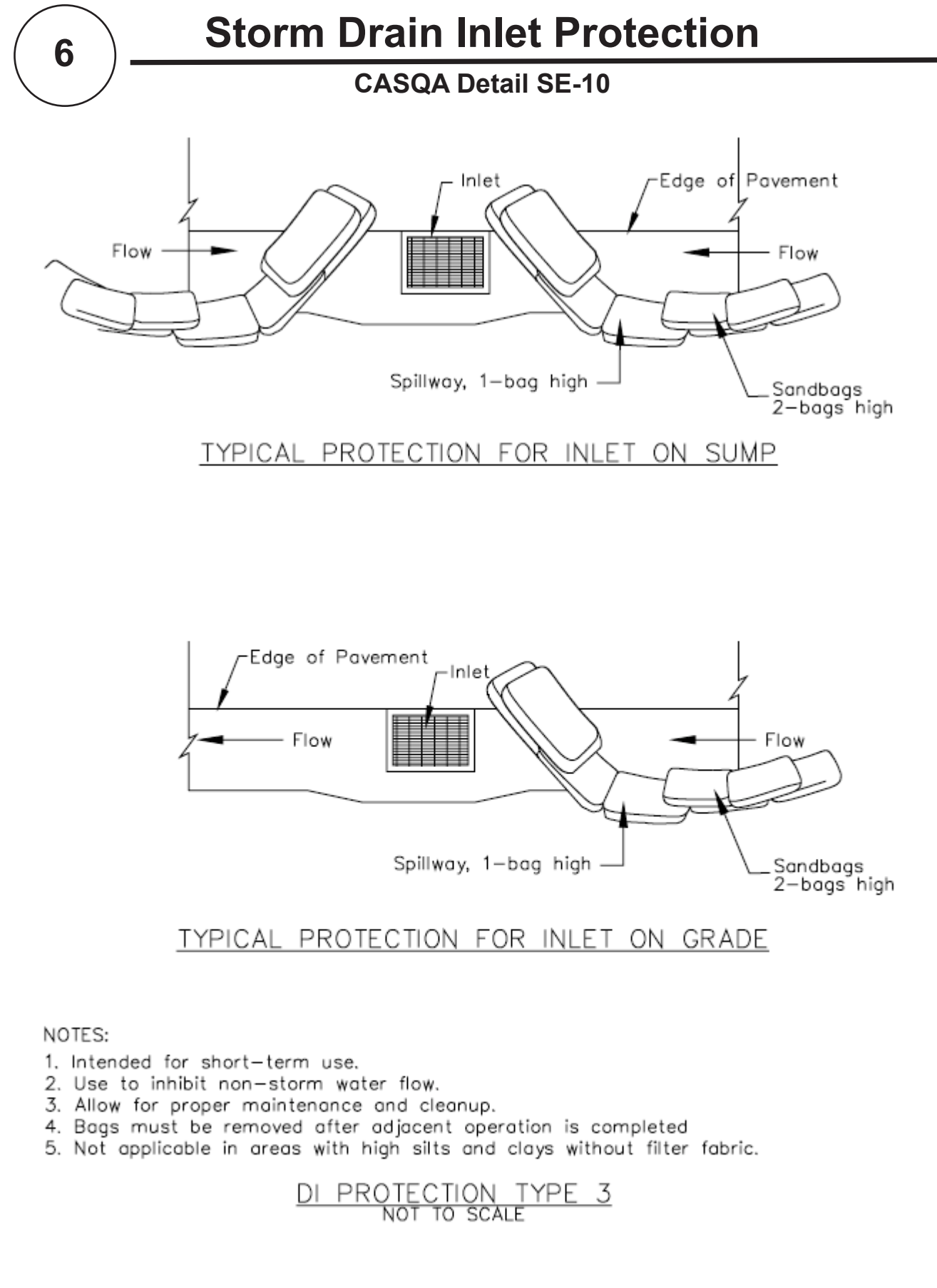
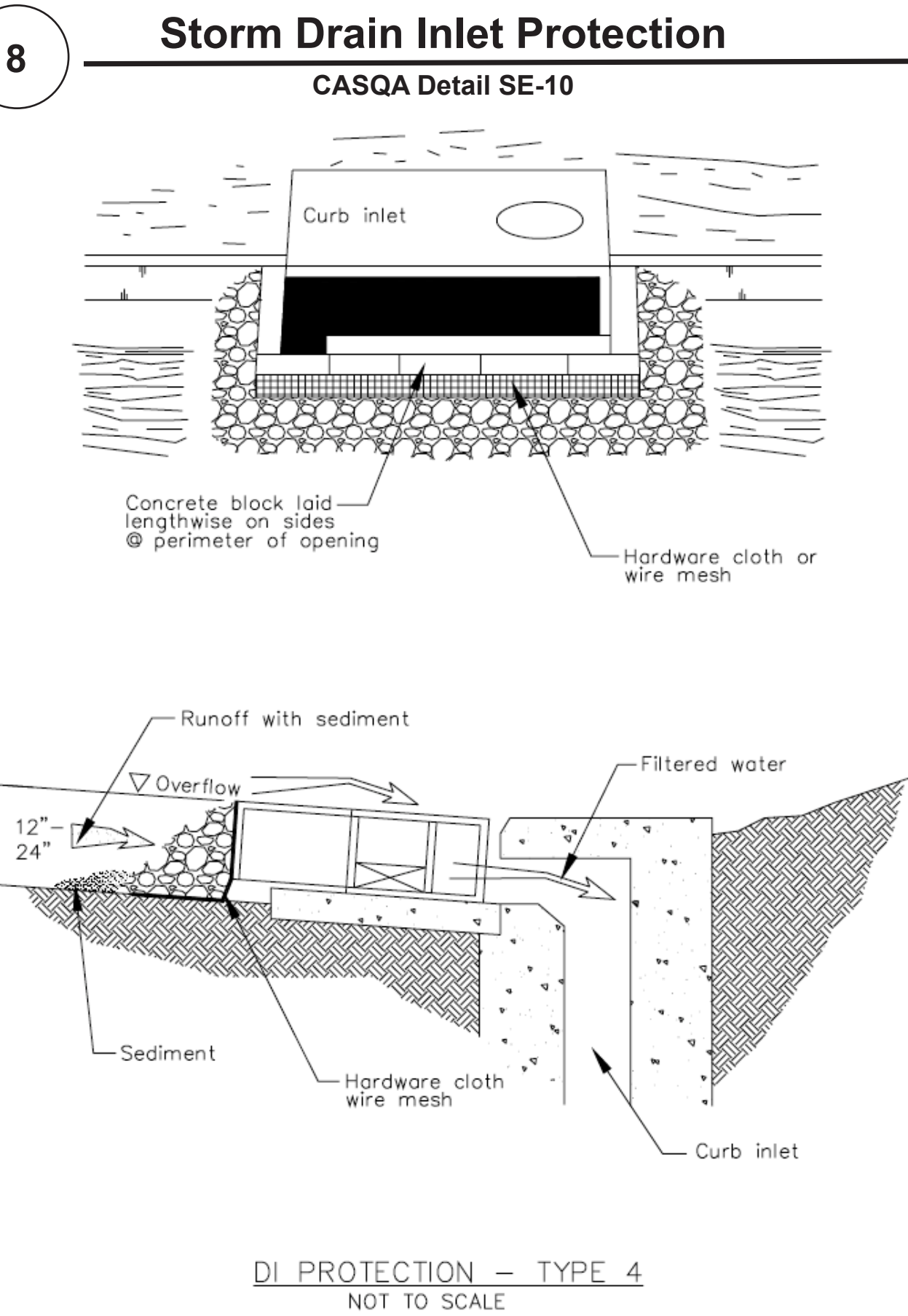
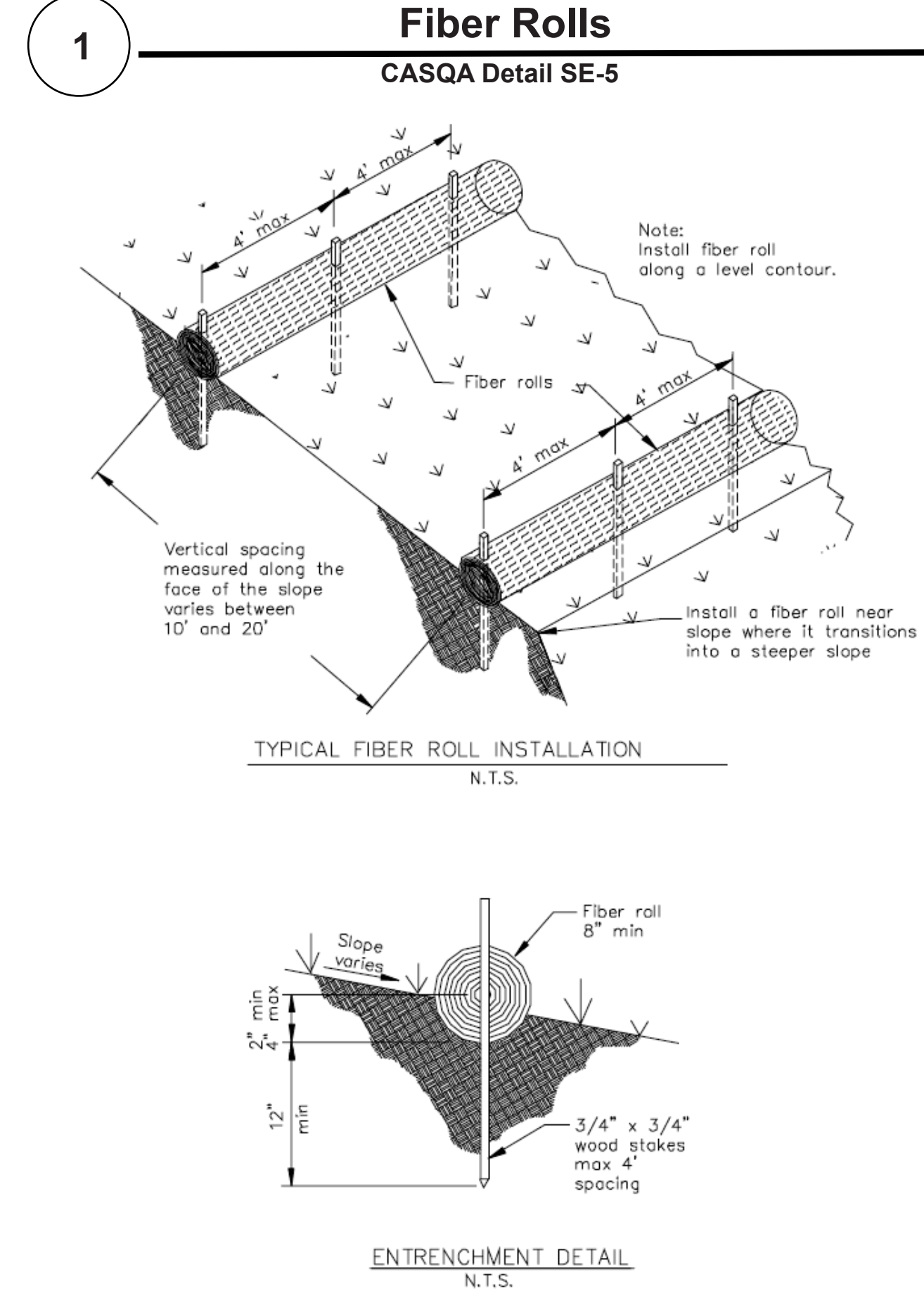
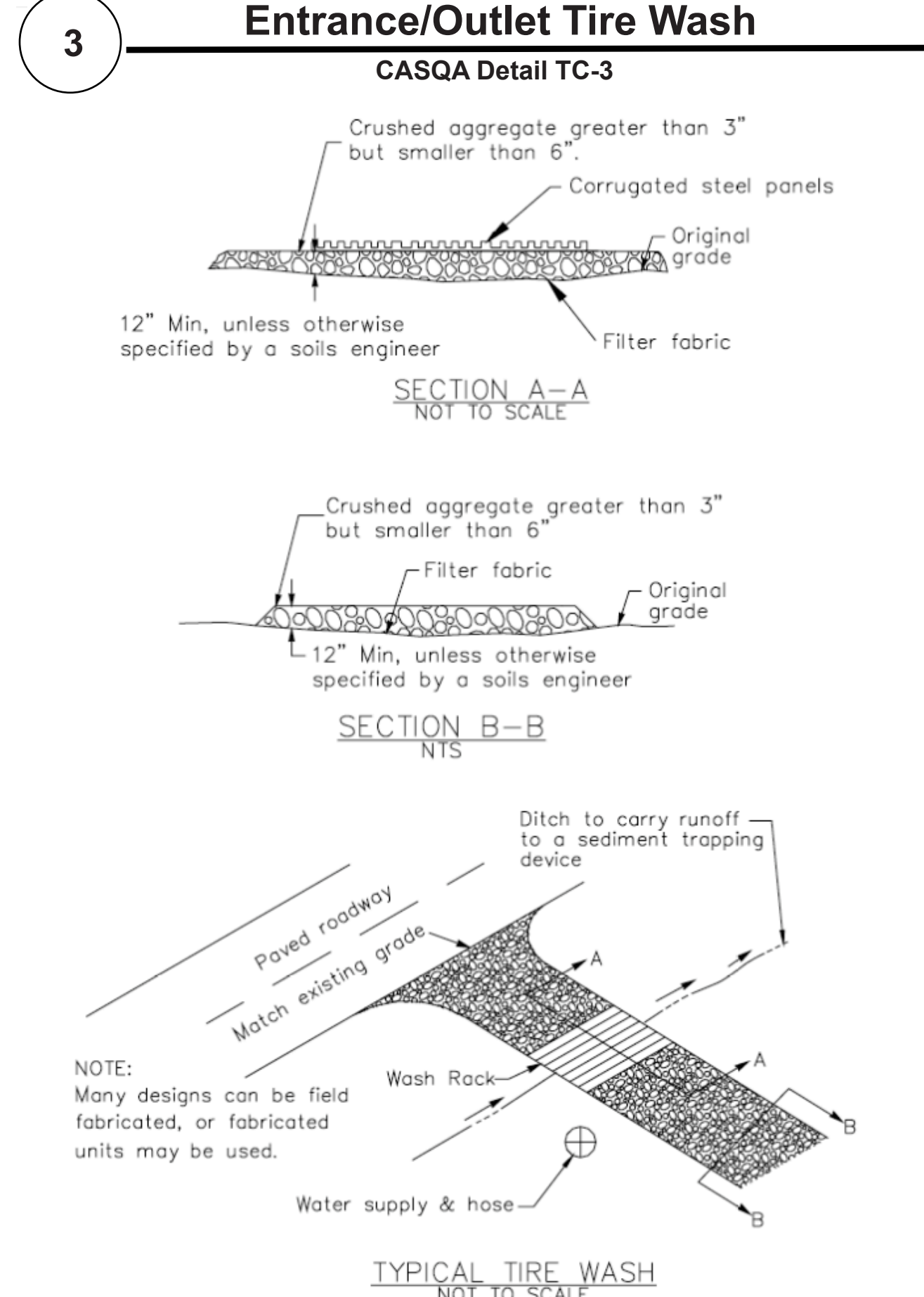
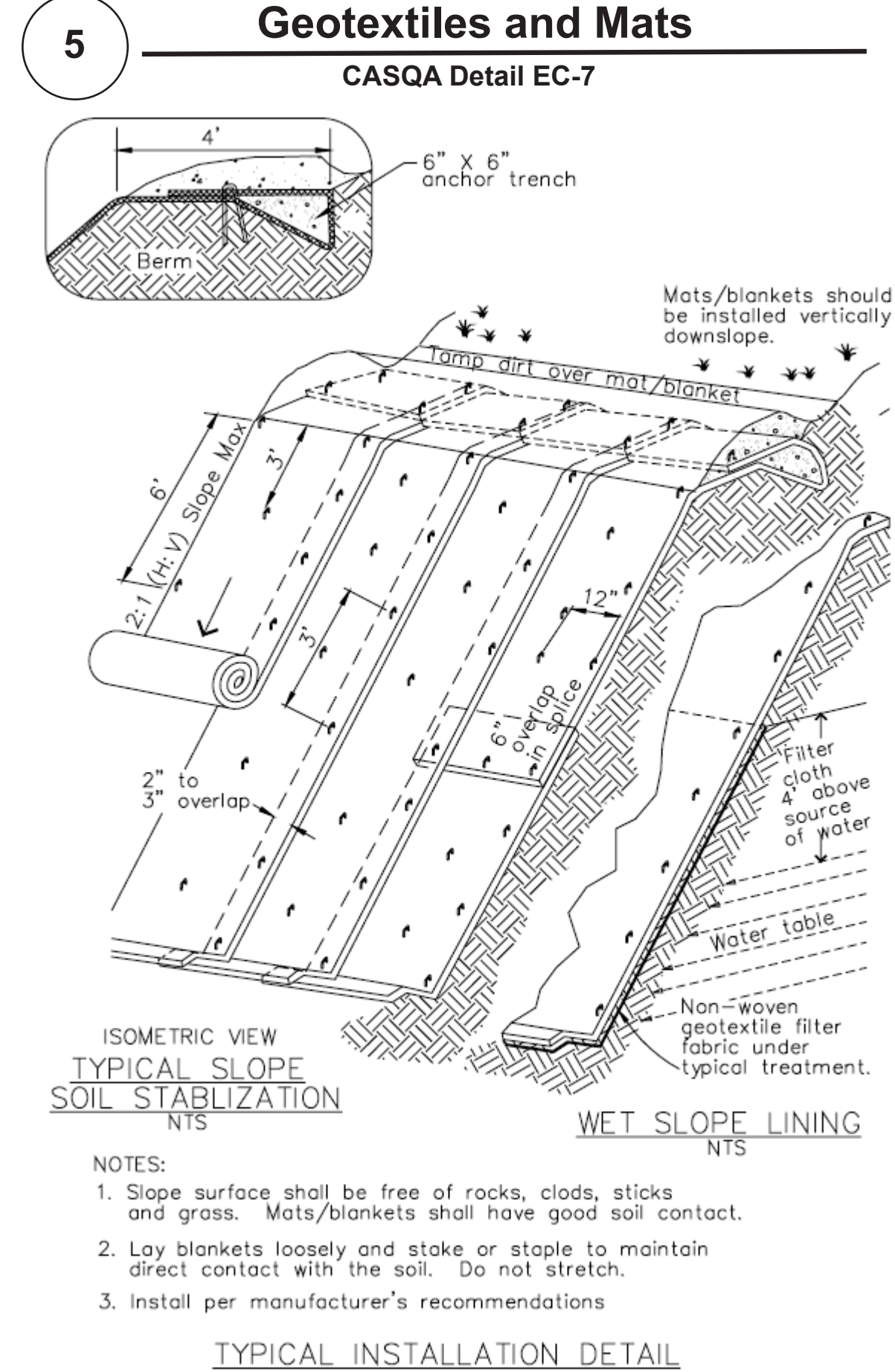
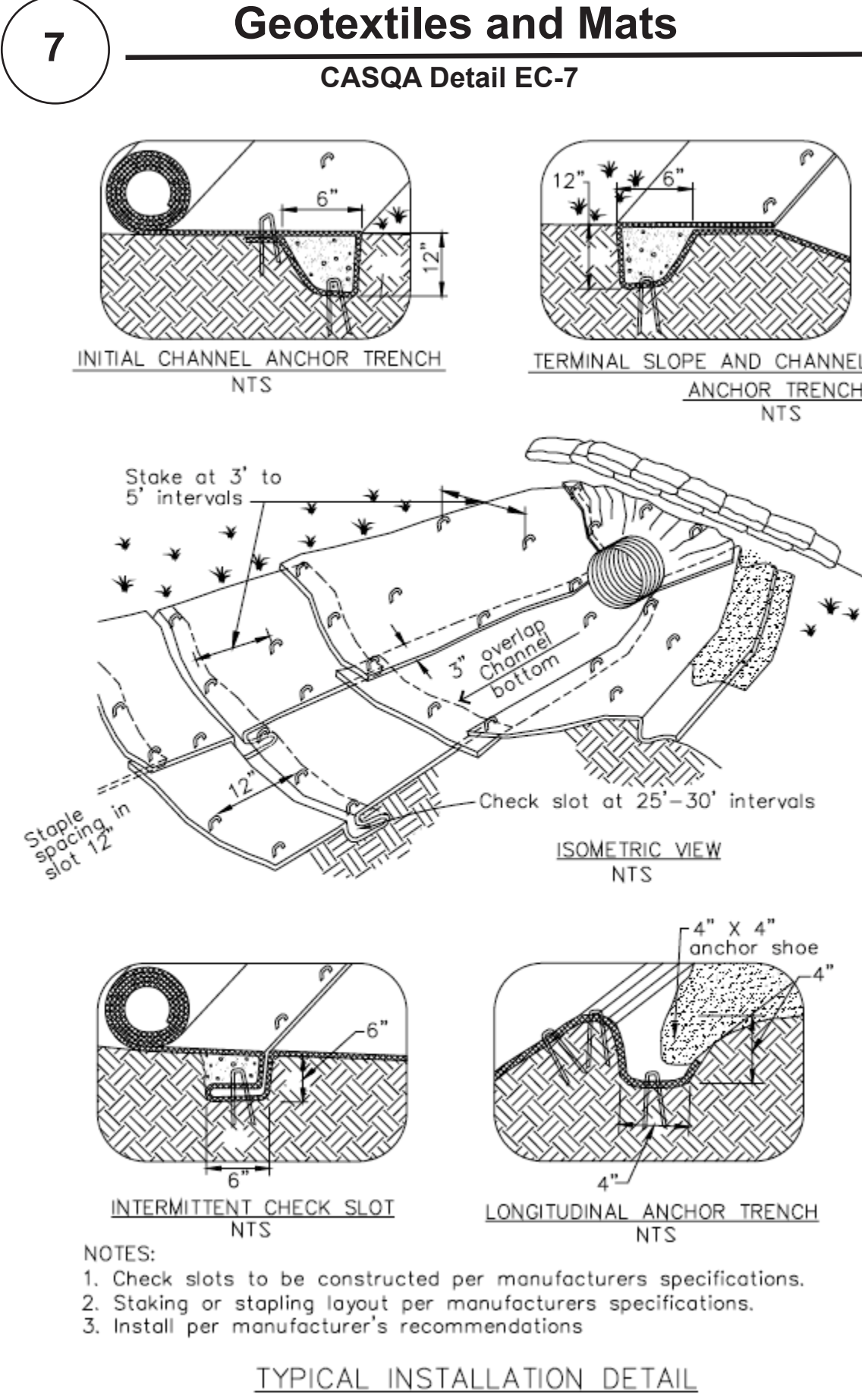
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ROAD: WELLER ROAD

COUNTY FILE NO: TBD



BMP-1



Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

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