



MONTEREY, CALIFORNIA 93940

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SISE PUEDE BEHAVIORAL HEALTH  
 CENTER AT WATSONVILLE, CA

380 Encinal Street, Ste 200  
Santa Cruz, California 95060

AN: 010315-01

JOB NO.

17115.5

PRINT DATE:

PLOT DATE: 4.4.2022

DRAWN BY: STAFF

CHECKED BY: ATH

SET ISSUED:

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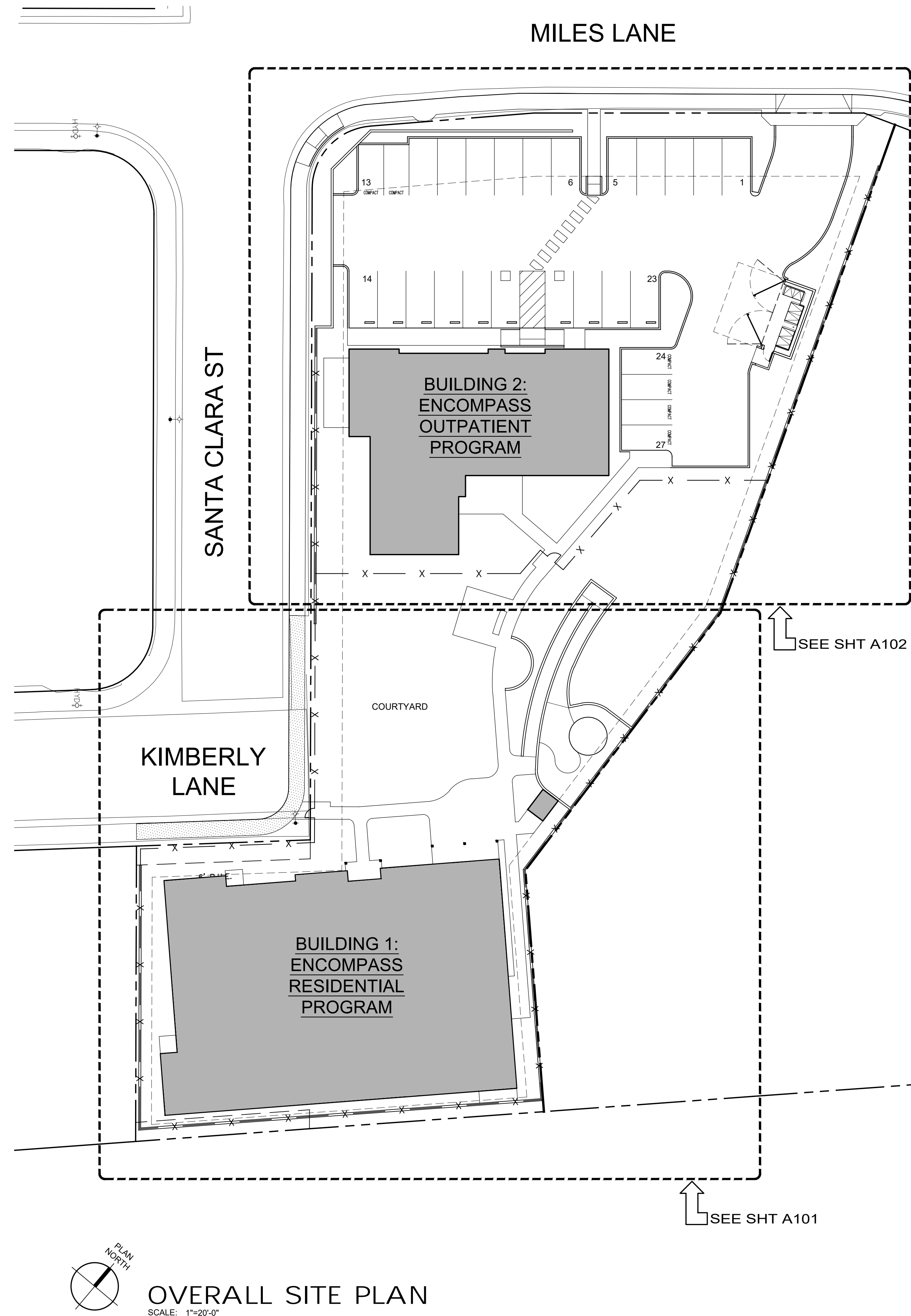
SHEET NAME

## OVERALL SITE PLAN

SHEET NO.

# A100

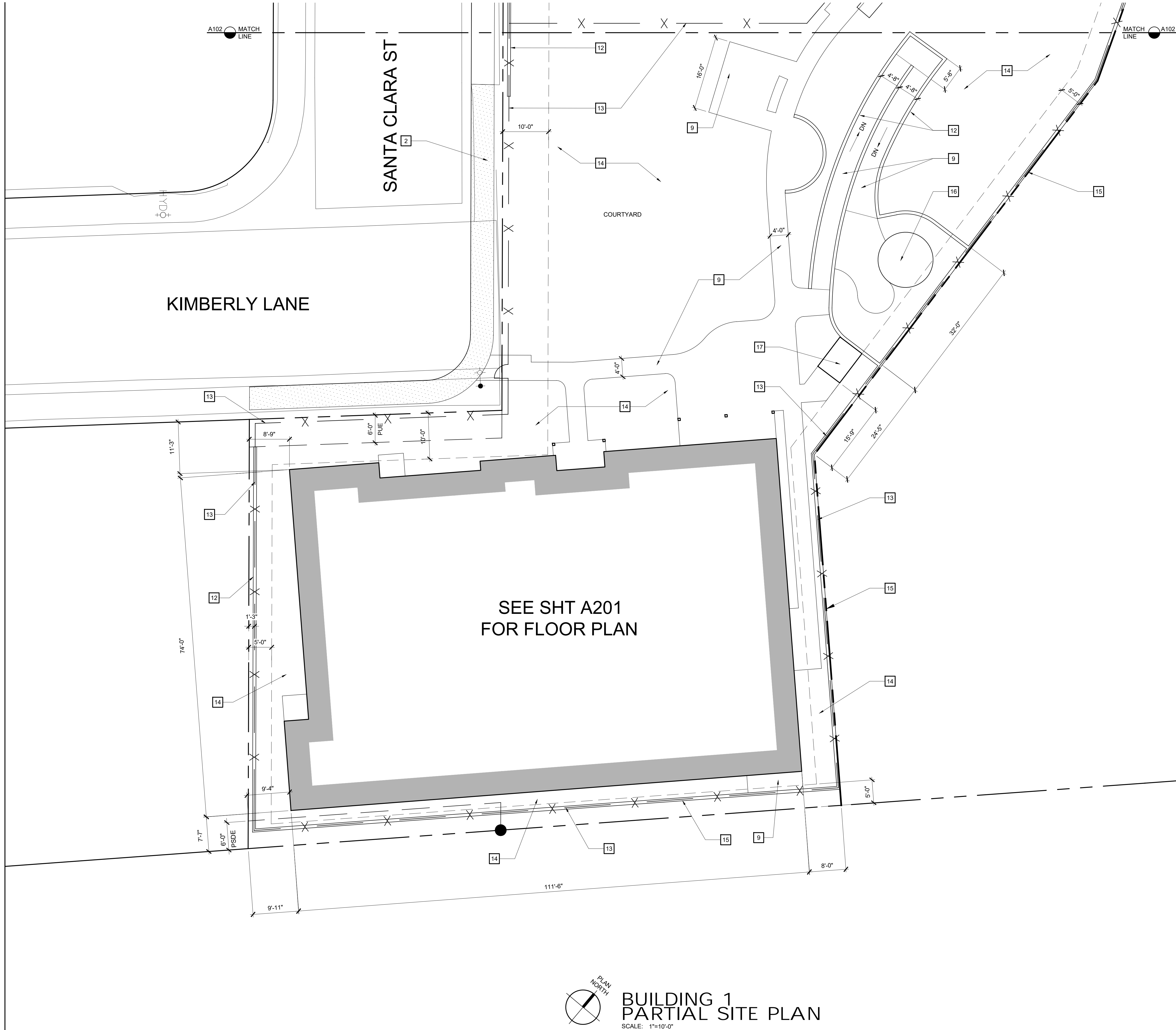
FILE NAME: 17115.5-A100



A compass rose with a circle and two intersecting lines. One line is vertical, and the other is horizontal. A thick black arrow points from the center towards the top-right, labeled "PLAN NORTH".

## OVERALL SITE PLAN

SCALE: 1"=20'-0"



KEY NOTES

THE KEY NOTES THAT FOLLOW APPLY TO THE DRAWING(S) ON THIS SHEET ONLY. REFER TO FOLLOWING SHEETS FOR NOTES THAT ARE APPLICABLE TO THOSE DRAWINGS.

1

INDICATES (N) CONCRETE APPROACH PER CITY STANDARDS - SEE CIVIL ENGINEER'S DRAWINGS

2

INDICATES (N) CONCRETE SIDEWALK, CURB & GUTTER PER CITY STANDARDS - SEE CIVIL ENGINEER'S DRAWINGS

3

INDICATES (N) ACCESSIBLE CURB RAMP PER CITY STANDARDS - SEE CIVIL ENGINEER'S DRAWINGS

4

INDICATES (N) AC PAVING PER CITY STANDARDS - SEE CIVIL ENGINEER'S DRAWINGS

5

INDICATES (N) 6" CONC CURB - SEE CIVIL ENGINEER'S DRAWINGS

6

INDICATES (N) WHITE PAINTED STALL STRIPING PER CITY STANDARDS

7

INDICATES (N) ACCESSIBLE PARKING STALLS & ACCESS AISLE - SEE NOTED DETAIL

8

INDICATES (N) CMU TRASH ENCLOSURE w/ METAL ROOF PER CITY STANDARDS - SEE NOTED DETAIL

9

INDICATES (N) CONCRETE WALKS & PADS w/ MEDIUM BROOM FINISH - SEE CIVIL ENGINEER'S DRAWINGS

10

INDICATES (N) PRE-CAST CONC WHEELSTOP - SEE NOTED DETAIL

11

INDICATES (N) DETECTABLE WARNING PAD - SEE NOTED DETAIL

12

INDICATES (N) CMU RETAINING WALL - SEE CIVIL ENGINEER'S DRAWINGS

13

INDICATES (N) 6'-0"h WOOD FENCE - SEE CIVIL ENGINEER'S DRAWINGS

14

INDICATES (N) LANDSCAPE AREA - SEE LANDSCAPE ARCHITECT'S DRAWINGS

15

INDICATES <E> RETAINING WALL (BY OTHERS) - NOT A PART OF THIS PERMIT

16

INDICATES RELOCATED <E> TRIBAL SWEAT LODGE

17

INDICATES (N) 6'x8' PRE-FAB SHED (BY OTHERS) FOR BED BUG OVENS

Attachment 1

Page 2 of 14

FILE NAME:

17115.5-A101

WR&D

WALD RUHNKE & DOST

ARCHITECTS LLP

2340 GARDEN ROAD, SUITE 100

MONTEREY, CALIFORNIA 93940

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LICENSED ARCHITECT

HENRY PETER RUHNKE

NO. C2266

EXPIRATION DATE 6/30/23

STATE OF CALIFORNIA

SISE PUEDE BEHAVIORAL HEALTH

CENTER AT WATSONVILLE, CA

Encompass Community Services

380 Encinal Street, Ste 200

Santa Cruz, California 95060

JOB NO.

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STAFF

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SHEET NAME

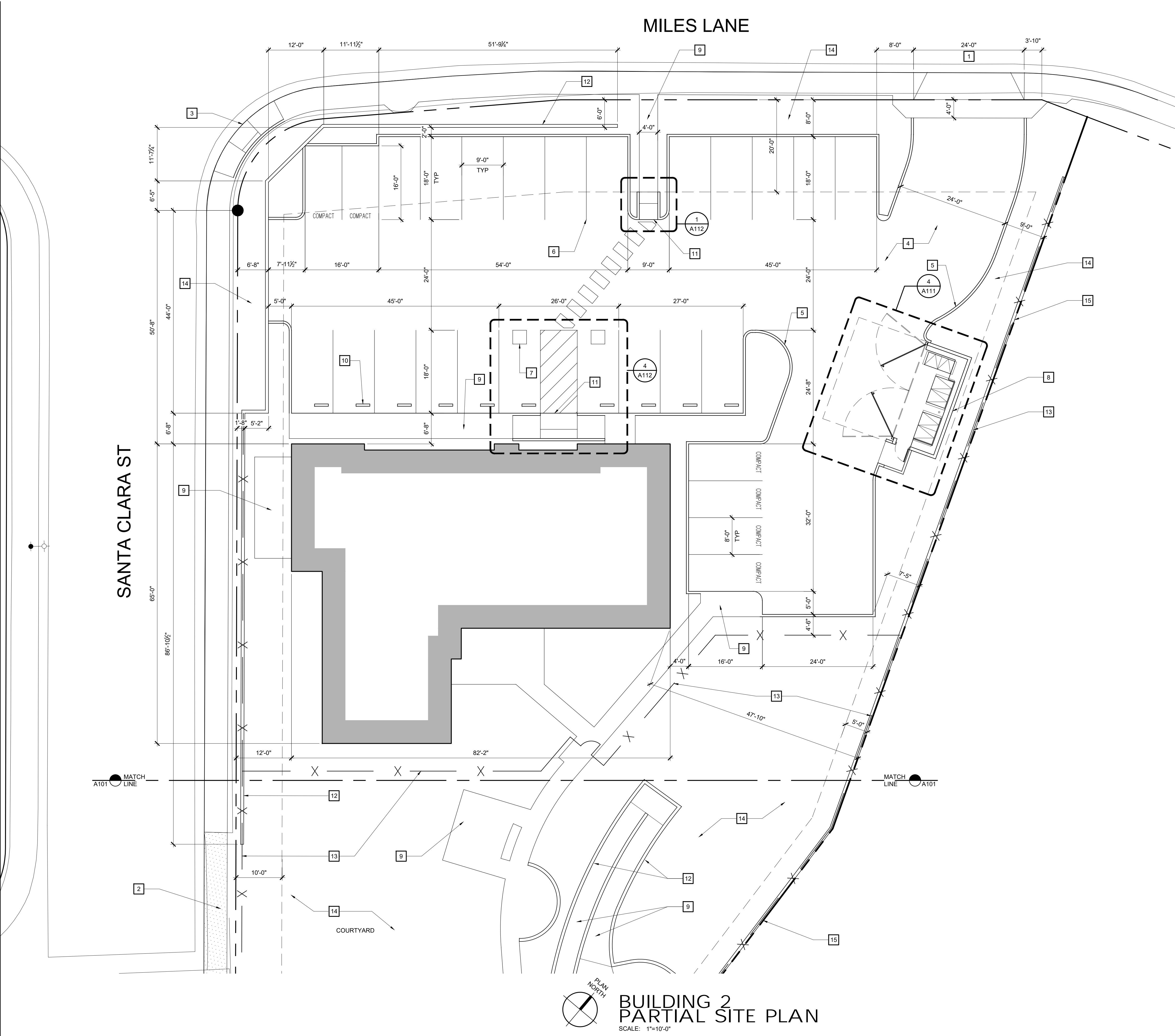
BUILDING 1

PARTIAL

SITE PLAN

SHEET NO.

A101



### KEY NOTES

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- 2 INDICATES (N) CONCRETE SIDEWALK, CURB & GUTTER PER CITY STANDARDS - SEE CIVIL ENGINEER'S DRAWINGS
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- 4 INDICATES (N) AC PAVING PER CITY STANDARDS - SEE CIVIL ENGINEER'S DRAWINGS
- 5 INDICATES (N) 6" CONC CURB - SEE CIVIL ENGINEER'S DRAWINGS
- 6 INDICATES (N) WHITE PAINTED STALL STRIPING PER CITY STANDARDS
- 7 INDICATES (N) ACCESSIBLE PARKING STALLS & ACCESS AISLE - SEE NOTED DETAIL
- 8 INDICATES (N) CMU TRASH ENCLOSURE w/ METAL ROOF PER CITY STANDARDS - SEE NOTED DETAIL
- 9 INDICATES (N) CONCRETE WALKS & PADS w/ MEDIUM BROOM FINISH - SEE CIVIL ENGINEER'S DRAWINGS
- 10 INDICATES (N) PRE-CAST CONC WHEELSTOP - SEE NOTED DETAIL
- 11 INDICATES (N) DETECTABLE WARNING PAD - SEE NOTED DETAIL
- 12 INDICATES (N) CMU RETAINING WALL - SEE CIVIL ENGINEER'S DRAWINGS
- 13 INDICATES (N) 6'-0"h WOOD FENCE - SEE CIVIL ENGINEER'S DRAWINGS
- 14 INDICATES (N) LANDSCAPE AREA - SEE LANDSCAPE ARCHITECT'S DRAWINGS
- 15 INDICATES <E> RETAINING WALL (BY OTHERS) - NOT A PART OF THIS PERMIT
- 16 INDICATES RELOCATED <E> TRIBAL SWEAT LODGE
- 17 INDICATES (N) 6'x8' PRE-FAB SHED (BY OTHERS) FOR BED BUG OVENS

**Attachment 1**  
**Page 3 of 14**

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**SI SE PUEDE BEHAVIORAL HEALTH CENTER AT WATSONVILLE, CA**

Encompass Community Services  
380 Encinal Street, Ste 200  
Santa Cruz, California 95060

JOB NO.  
**17115.5**

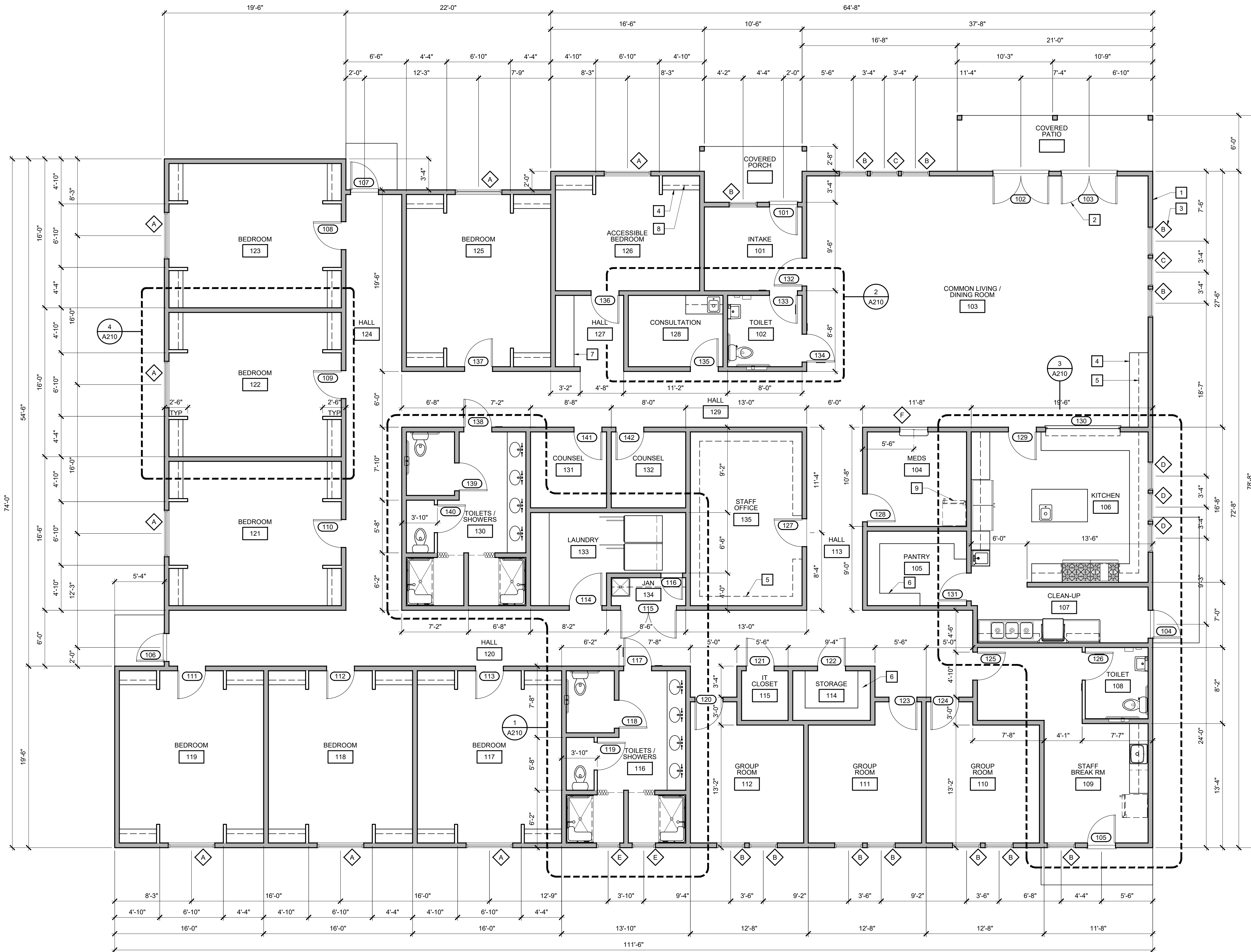
PRINT DATE:  
PLOT DATE: 4.4.2022  
DRAWN BY: STAFF  
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SET ISSUED:

SHEET NAME  
**BUILDING 2  
PARTIAL  
SITE PLAN**

SHEET NO.

**A102**

FILE NAME: 17115.5-A102



BUILDING 1 FLOOR PLAN

SCALE: 3/16"=1'-0"

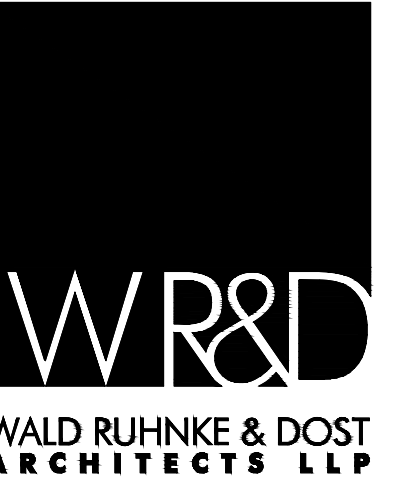
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1

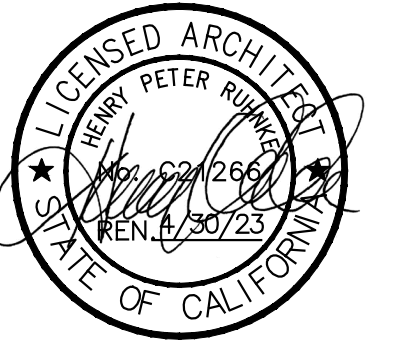
WALL KEY

- (N) 2x6 DF#2 (min) @ 16"oc w/ R-19 batt insulation
- (N) 2x4 DF#2 (min) @ 16"oc w/ R-13 batt insulation



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Santa Cruz, California 95060

APN: 016-491-07

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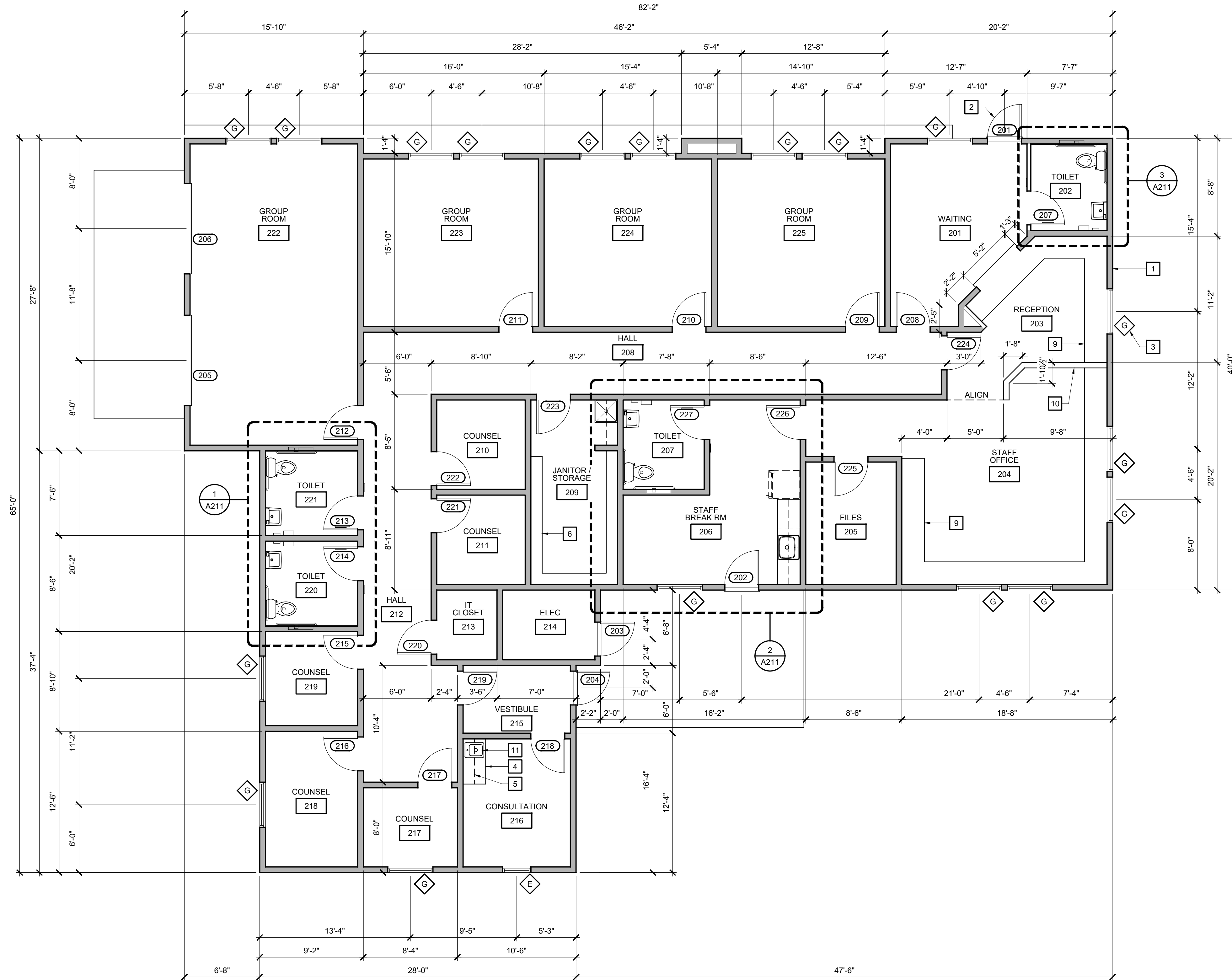
SHEET NAME

BUILDING 1  
FLOOR PLAN

SHEET NO.

A201

FILE NAME: 17115.5-A201



BUILDING 2 FLOOR PLAN  
SCALE: 3/16"=1'-0"

## KEY NOTES

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1

## WALL KEY

- (N) 2x6 DF#2 (min) @ 16"oc w/ R-19 batt insulation
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Attachment 1  
Page 5 of 14



WALD RUHNKE & DOST  
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SHEET NAME

BUILDING 2  
FLOOR PLAN

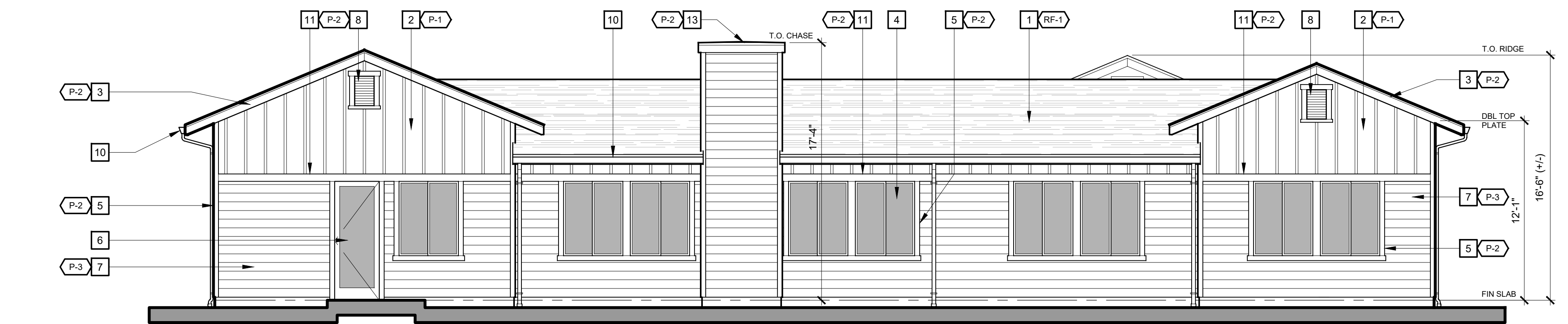
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A202

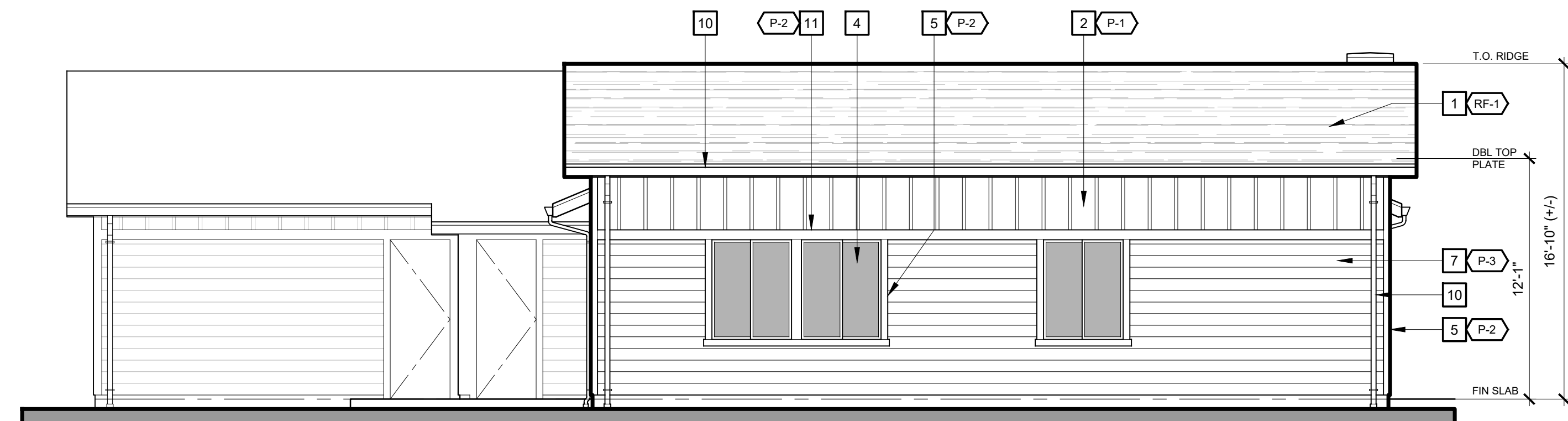
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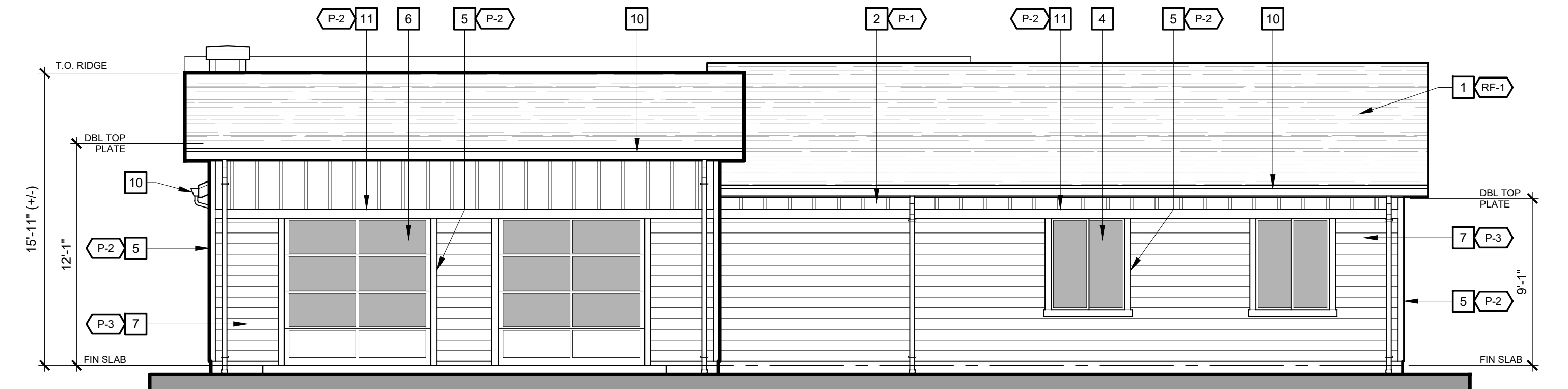




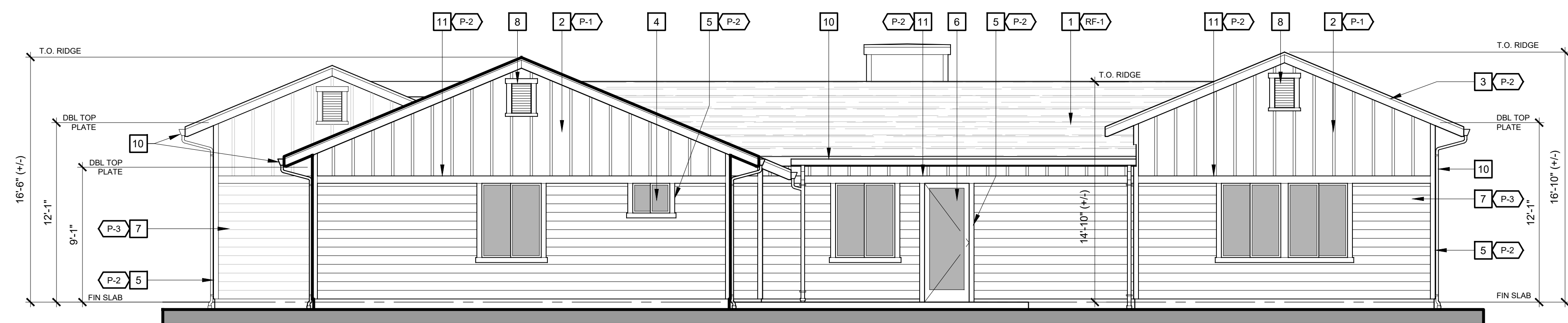
1 BUILDING 2 NORTH ELEVATION  
SCALE: 3/16" = 1'-0"



2 BUILDING 2 EAST ELEVATION  
SCALE: 3/16" = 1'-0"



3 BUILDING 2 WEST ELEVATION  
SCALE: 3/16" = 1'-0"



4 BUILDING 2 SOUTH ELEVATION  
SCALE: 3/16" = 1'-0"

## KEY NOTES

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- INDICATES 30-YEAR, CLASS 'A' COMPOSITION ASPHALT SHINGLES @ 30# SAT FELT - SEE 'ROOF PLAN' FOR ADDITIONAL INFORMATION
- INDICATES FIBER CEMENT VERTICAL SIDING w/ COMPOSITE BATTENS @ 16"oc w/ WRB - SEE WALL ASSEMBLY DETAILS FOR ADDITIONAL INFORMATION
- INDICATES 2x8 WOOD FASCIA w/ 2" PRE-FINISHED ALUMINUM SHINGLE STRIP
- INDICATES DUAL GLAZED WINDOW SYSTEM - SEE 'WINDOW SCHEDULE' FOR MATERIAL AND SIZE
- INDICATES 2x4 COMPOSITE TRIM
- INDICATES DOOR - SEE 'DOOR SCHEDULE' FOR MATERIAL AND SIZE
- INDICATES FIBER CEMENT HORIZONTAL LAP SIDING @ WRB - SEE WALL ASSEMBLY DETAILS FOR ADDITIONAL INFORMATION
- INDICATES SHEET METAL GABLE VENTS - SEE 'ROOF PLAN' FOR SIZE AND ADDITIONAL INFORMATION
- INDICATES 2x10 COMPOSITE HORIZONTAL TRIM w/ GALV METAL 'Z' FLASHING - SEE NOTED DETAIL
- INDICATES 2x8 WOOD FASCIA w/ PRE-FINISHED ALUMINUM GUTTER & DOWNSPOUTS - SEE 'ROOF PLAN' FOR ADDITIONAL INFORMATION
- INDICATES 2x6 COMPOSITE HORIZONTAL TRIM w/ GALV METAL 'Z' FLASHING - SEE NOTED DETAIL
- INDICATES STRUCTURAL COLUMN (TYP OF 5) - SEE STRUCTURAL ENGINEER'S DRAWINGS
- INDICATES BONDERIZED GALVANIZED SHEET METAL FLASHING CAP w/ 2" LEGS - SEE NOTED DETAIL
- INDICATES FIBER CEMENT VERTICAL SIDING w/ COMPOSITE BATTENS @ 48"oc w/ WRB - SEE WALL ASSEMBLY DETAILS FOR ADDITIONAL INFORMATION
- INDICATES ROOF WELL BEYOND - SEE 'ROOF FRAMING PLAN' & BUILDING SECTIONS FOR ADDITIONAL INFORMATION

## EXTERIOR FINISH LEGEND

- P-1 VERTICAL FIBER CEMENT SIDING: SHERWIN WILLIAMS - SW7005 'PURE WHITE'
- P-2 WOOD TRIM: SHERWIN WILLIAMS - SW7005 'PURE WHITE'
- P-3 HORIZONTAL FIBER CEMENT LAP SIDING: SHERWIN WILLIAMS - SW0037 'MORRIS ROOM GREY'
- VINYL WINDOWS: WHITE FRAMES w/ CLEAR GLASS
- RF-1 ASPHALT ROOF SHINGLES: GAF TIMBERLINE HD - 'STONE GRAY' CRRC PRODUCT ID# 0676-0137
- ALUMINUM PRE-FINISHED GUTTERS & DOWNSPOUTS: WHITE
- PAINT FINISH:
  - ALL SIDING: FLAT
  - ALL TRIM, FLASHING AND FASCIAS: EGGSHELL
  - DOORS AND DOOR FRAMES: SEMI-GLOSS

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CENTER AT WATSONVILLE, CA

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SHEET NAME  
BUILDING 2  
EXTERIOR  
ELEVATIONS  
SHEET NO.

A302

FILE NAME: 17115.5-A302



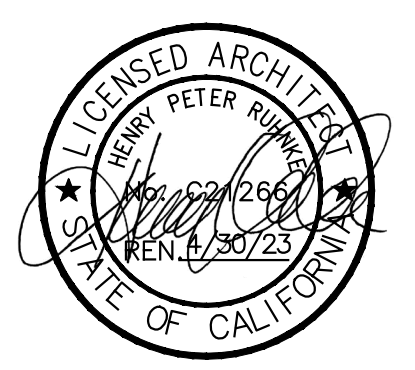
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APN: 016-491-07

Encompass Community Services  
380 Encinal Street, Ste 200  
Santa Cruz, California 95060



Drawing file: Z:\Projects\118186\_WRO - Missions Lane\Wro\118186\_XBase\_Encompass 2022.dwg  
Plotted: Apr 03, 2022 - 10:52pm

THE USE OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE LIMITED TO THE PROJECT AND SITE DESCRIBED. ANY REUSE, REPRODUCTION OR PUBLICATION, IN WHOLE OR IN PART, IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF C3 ENGINEERING.

## GENERAL NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE PLANS AND ACCOMPANYING SPECIFICATIONS, IN ADDITION ALL WORK SHALL ALSO CONFORM WITH THE FOLLOWING:  
- LATEST REVISION OF THE CITY OF WATSONVILLE DESIGN STANDARDS AND SPECIFICATIONS  
- THE LATEST REVISION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS (STATE SPECIFICATIONS)  
- THE 2019 EDITIONS OF THE CALIFORNIA BUILDING CODE (CBC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA ENERGY CODE (CEC), CALIFORNIA ELECTRICAL CODE (CEC), CALIFORNIA FIRES CODE (CFC).  
-STATE GENERAL CONSTRUCTION PERMIT (ORDER NO. 2012-0006-DWQ, NPDES NO. CAS000002.)

2. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS, DETAILS, AND SPECIFICATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION. IN THE EVENT THAT THE CONTRACTOR FINDS ANY DISCREPANCIES, OMISSIONS, OR DEFICIENCIES IN THE PLANS, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER.

3. IT IS THE CONTRACTORS RESPONSIBILITY TO SECURE ALL REQUIRED PERMITS PRIOR TO THE START OF CONSTRUCTION. GRADING PERMITS EXPIRE 180 DAYS FROM ISSUANCE DATE.

4. THE LOCATIONS AND SIZE OF UNDERGROUND UTILITIES AND OR OTHER STRUCTURES SHOWN HEREON WERE OBTAINED FROM A FIELD SURVEY (BY OTHERS) AND OR FROM RECORD INFORMATION. NEITHER THE ENGINEER NOR THE OWNER MAKES ANY REPRESENTATION TO THE ACCURACY OF SIZE AND OR LOCATION OF ANY OF THE UTILITIES OR STRUCTURES SHOWN ON THESE PLANS NOR FOR THE EXISTENCE OF ANY OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED THAT ARE NOT SHOWN ON THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE SIZE AND LOCATION OF EXISTING UNDERGROUND UTILITIES, SURFACE IMPROVEMENTS, AND OTHER STRUCTURES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY COMPANIES AND REQUESTING VERIFICATION OF SERVICE POINTS, FIELD VERIFICATION OF LOCATION, SIZE, DEPTH, ETC. FOR ALL THEIR FACILITIES AND TO COORDINATE WORK SCHEDULES.

6. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT (800) 227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND MAINTAIN A CURRENT DIG ALERT/811 TICKET THROUGHOUT THE PROJECT.

7. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ANY CURRENTLY APPLICABLE SAFETY LAW OF ANY JURISDICTIONAL BODY. FOR INFORMATION REGARDING THIS PROVISION, THE CONTRACTOR IS DIRECTED TO CONTACT THE STATE OF CALIFORNIA, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES, AND THE CONTROL OF TRAFFIC WITHIN THE CONSTRUCTION AREA. FOR ALL TRENCH EXCAVATION FIVE (5) FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH PRIOR TO BEGINNING ANY EXCAVATION. A COPY OF THIS PERMIT SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.

8. EXISTING CURB, GUTTER, SIDEWALK, SURVEY MONUMENTS, AND OTHER IMPROVEMENTS WITHIN PROJECT SITE THAT ARE DAMAGED OR DISPLACED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES SHALL BE REPLACED BY THE CONTRACTOR.

9. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS AND SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER, AND ALL DESIGN CONSULTANTS FROM ANY AND ALL LIABILITY, CLAIMS, LOSSES OR DAMAGES ARISING FROM THE PERFORMANCE OF THE WORK DESCRIBED HEREIN EXCEPT THOSE ARISING FROM THE SOLE NEGLIGENCE OF ANY OF THE PREVIOUSLY MENTIONED PEOPLE OR ENTITIES. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, OFF-HAUL AND DISPOSE OF ALL ITEMS TO BE REMOVED INCLUDING BUT NOT LIMITED TO: ASPHALT, CONCRETE STRIPING, ANY AND ALL OTHER DEBRIS FROM THE SITE, EXCESS FROM TRENCHING AND PAVEMENT CONSTRUCTION, TREES AND ROOT-BALLS FENCING AND SPOILS FROM EXCAVATION AT THE CONTRACTOR'S EXPENSE.

11. IF ARCHAEOLOGICAL RESOURCES OR HUMAN REMAINS ARE DISCOVERED DURING CONSTRUCTION, WORK SHALL BE HALTED WITHIN 150 FEET OF THE FIND UNTIL IT CAN BE EVALUATED BY A QUALIFIED PROFESSIONAL ARCHAEOLOGIST. IF THE FIND IS DETERMINED TO BE SIGNIFICANT, APPROPRIATE MITIGATION MEASURES SHALL BE FORMULATED AND IMPLEMENTED.

12. ALL REVISIONS TO THESE PLANS MUST BE APPROVED BY THE ENGINEER AND BUILDING OFFICIALS AS WELL AS THE OWNER PRIOR TO THEIR CONSTRUCTION AND SHALL BE ACCURATELY SHOWN ON RECORD DRAWINGS PRIOR TO THE ACCEPTANCE OF THE WORK AS COMPLETE. ANY CHANGES TO OR DEVIATIONS FROM THE PLANS MADE WITHOUT AUTHORIZATION SHALL BE AT THE CONTRACTOR'S SOLE RISK AND SHALL ABSOLVE THE ENGINEER OF ANY AND ALL RESPONSIBILITY ASSOCIATED WITH THE CHANGE OR DEVIATION.

13. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO KEEP THE SITE AND ADJACENT AREAS FREE FROM DIRT AND DEBRIS. SHOULD ANY DIRT OR DEBRIS BE DEPOSITED IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL REMOVE IT IMMEDIATELY.

14. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT AIRBORNE DUST FROM BECOMING A NUISANCE. DUST CONTROL MEASURES TO BE IMPLEMENTED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:  
A) PROVIDE EQUIPMENT AND MANPOWER REQUIRED FOR WATERING ALL EXPOSED OR DISTURBED EARTH  
B) COVER STOCKPILES OF DEBRIS, SOIL, OR OTHER MATERIALS WHICH MAY CONTRIBUTE TO AIRBORNE DUST.  
C) KEEP CONSTRUCTION AREAS AND ADJACENT STREET FREE OF MUD AND DUST.  
D) LANDSCAPE, SEED, OR COVER PORTIONS OF THE SITE AS SOON AS CONSTRUCTION IS COMPLETE.

15. A COPY OF ALL FIELD REPORTS/COMPACTIONS TESTS AND FINAL GRADING REPORT SHALL BE SUBMITTED TO THE CITY AT SCHEDULED INSPECTIONS.

16. PAD ELEVATION/S SHALL BE CERTIFIED TO 0.1 FEET, PRIOR TO DIGGING ANY FOOTINGS OR SCHEDULING ANY INSPECTIONS.

## STORM DRAIN

1. ALL STORM DRAIN PIPING 6"-24" SHALL BE HIGH DENSITY POLYETHYLENE TYPE-S WITH INTEGRAL BELL & SPIGOT JOINTS (ADS-N12 OR EQUAL) OR PVC (SDR 35). INSTALLATION SHALL BE PER MANUFACTURERS SPECIFICATIONS OR AS SHOWN ON PLANS.

2. STORM DRAIN MANHOLES SHALL BE CONSTRUCTED TO THE CITY STANDARD SPECIFICATIONS AND STANDARD DETAILS.

3. ALL STORM DRAIN PIPE SHALL BE RIGID, NO FLEX PIPE.

## SANITARY SEWER

1. SANITARY SEWER MANHOLES SHALL BE CONSTRUCTED TO THE CITY STANDARD SPECIFICATIONS AND STANDARD DETAILS.

2. SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) PLASTIC GRAVITY SEWER PIPE WITH INTEGRAL WALL BELL AND SPIGOT JOINTS. ALL SOLID WALL PIPE, FITTINGS AND COUPLINGS IN 4" THROUGH 15" INCH DIAMETERS SHALL CONFORM TO ASTM 03033 AND ASTM 03034, SDR 35 MINIMUM.

3. PIPE SHALL BE INSTALLED IN COMPLIANCE WITH THE STANDARD SPECIFICATIONS AND THE MANUFACTURERS RECOMMENDED TRENCH CONSTRUCTION PRACTICE FOR SEMI-RIGID PVC SEWER PIPE AND AS DIRECTED BY THE CITY.

4. SEWER SERVICE LATERALS SHALL BE CONSTRUCTED TO THE CITY STANDARD SPECIFICATIONS AND STANDARD DETAILS.

5. ALL SEWER SERVICES SHALL BE MARKED WITH A "SS" ON TOP OF CURB.

6. SANITARY SEWER CLEAN OUTS SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED 100 FEET.

## GRADING & DRAINAGE

1. CONTRACTOR SHALL NOTIFY CITY 48 HOURS BEFORE STARTING ANY GRADING OPERATIONS.

2. ALL GRADING SHALL CONFORM TO THE CITY GRADING ORDINANCE.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE REQUIRED PERMITS PRIOR TO THE COMMENCEMENT OF GRADING. RIGHT-OF-ENTRY, PERMISSION TO GRADE, AND ENCROACHMENT PERMIT(S) MAY BE REQUIRED PRIOR TO GRADING.

4. IT IS THE CONTRACTORS RESPONSIBILITY TO PREPARE THE GROUND SURFACE TO RECEIVE THE FILLS AND TO PLACE, SPREAD, MIX, WATER, AND COMPACT THE FILL. THE CONTRACTOR SHALL ALSO REMOVE ALL MATERIAL CONSIDERED UNSATISFACTORY BY THE SOILS ENGINEER.

5. WHERE UNSTABLE OR UNSUITABLE MATERIALS ARE ENCOUNTERED DURING SUB-GRADE PREPARATION, THE AREA IN QUESTION SHALL BE OVER EXCAVATED AND BACKFILLED WITH SELECT MATERIAL.

6. MAXIMUM CUT AND FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE DIRECTED.

7. ALL CUT SLOPES SHALL BE ROUNDED TO MEET EXISTING GRADES AND BLEND WITH SURROUNDING TOPOGRAPHY. ALL GRADED SLOPES SHALL BE PLANTED WITH SUITABLE GROUND COVER.

8. TREE REMOVAL SHALL INCLUDE REMOVAL OF TRUNKS, STUMPS, AND ROOT-BALLS. THE REMAINING CAVITY SHALL BE CLEARED OF ALL ROOTS LARGER THAN 1/2" TO A DEPTH OF NOT LESS THAN 18" AND BACKFILLED WITH SUITABLE MATERIAL THEN COMPACTED TO CONFORM WITH THE EXISTING GROUND.

9. CONTRACTOR SHALL USE CAUTION WHEN GRADING AROUND AND/OR OVER EXISTING UNDERGROUND UTILITIES.

10. EARTHWORK QUANTITIES:  
CUT = 3,290 CY  
FILL = 1,667 CY  
NET = 1,623 CY FILL

EARTHWORK QUANTITIES ARE ESTIMATES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL EARTHWORK QUANTITIES. NO ALLOWANCE HAS BEEN MADE TO ACCOUNT FOR QUANTITIES FROM TRENCHING FOR FOUNDATION, FOOTINGS, PIERS AND/OR UTILITIES TRENCHES.

11. ALL SURFACE DRAINAGE SHALL MAINTAIN 2% SLOPE MINIMUM.

12. PERVIOUS SURFACES IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN 5% FOR A MINIMUM DISTANCE OF 10 FEET MEASURED PERPENDICULAR TO THE FACE OF THE WALL. IF PHYSICAL OBSTRUCTIONS OR LOT LINES PROHIBIT 10 FEET OF HORIZONTAL DISTANCE, A 5% SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATIVE METHOD OF DIVERTING WATER AWAY FROM THE FOUNDATION. SWALES USED FOR THIS PURPOSE SHALL BE SLOPED A MINIMUM OF 2% WHERE LOCATED WITHIN 10 FEET OF THE BUILDING FOUNDATION. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING.

13. INVERTS OF ALL STORM DRAIN LINES CONNECTING RETAINING WALL SUB-DRAINS AND FOUNDATION SUB-DRAINS SHALL BE FIELD VERIFIED AFTER FOOTINGS ARE PLACED.

14. BUILDINGS CONSTRUCTED ACROSS CUT/FILL LINE SHALL HAVE COMPACTION TESTS TAKEN CUT AREA AS WELL AS THE FILL AREA. TESTS SHALL MEET 90% OF THE RELATIVE COMPACTION PER ASTM D1557.

15. ALL STORM DRAIN MAINS SHALL HAVE A MINIMUM OF 12" COVER.

16. DURING WINTER OPERATIONS (BETWEEN OCTOBER 15 AND APRIL 15) THE FOLLOWING MEASURES MUST BE TAKEN:

- A. DISTURBED SURFACES NOT INVOLVED IN IMMEDIATE OPERATIONS MUST BE PROTECTED BY MULCHING AND OR OTHER EFFECTIVE MEANS OF SOIL PROTECTION.
- B. ALL ROADS AND DRIVEWAYS SHALL HAVE DRAINAGE FACILITIES SUFFICIENT TO PREVENT EROSION ON OR ADJACENT TO THE ROADWAY OR ON DOWNHILL PROPERTIES.
- C. RUN-OFF FROM THE SITE SHALL BE DETAINED OR FILTERED BY BERMS, VEGETATED FILTER STRIPS, AND OR CATCH BASINS TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.
- D. DRAINAGE CONTROL MEASURES SHALL BE MAINTAINED AND IN PLACE AT THE END OF EACH DAY AND CONTINUOUSLY THROUGH THE LIFE OF THE PROJECT DURING WINTER OPERATIONS.

17. ALL ROOF DRAINS SHALL DISCHARGE ONTO PAVED SURFACES, SPLASH BLOCKS OR BE HARD PIPED TO THE STORM DRAIN SYSTEM.

18. VEGETATION REMOVAL. ACTUAL GRADING SHALL BEGIN WITHIN 30 DAYS OF VEGETATION REMOVAL.

19. NO VEGETATION REMOVAL OR GRADING WILL BE ALLOWED WHICH WILL RESULT IN SILTATION OF WATER COURSES OR UNCONTROLLABLE EROSION.

20. PREPARATION OF GROUND FOR FILL. THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY THE REMOVAL OF TOPSOIL AND OTHER UNSUITABLE MATERIALS.

21. PREPARATION OF THE GROUND. THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NON-COMPLYING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIALS SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL.

22. FILL MATERIAL PERMITTED. NO ORGANIC MATERIAL SHALL BE PERMITTED IN FILL EXCEPT AS TOPSOIL USED FOR SURFACE PLANT GROWTH ONLY AND WHICH DOES NOT EXCEED 4 INCHES IN DEPTH.

23. THE ULTIMATE PURPOSE OF GRADING IS FOR THE CONSTRUCTION OF A MIXED-USE FACILITY W/PARKING AND DRIVEWAYS.

## UNDERGROUND UTILITIES

1. CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES, INCLUDING STORM DRAINS, SANITARY SEWERS AND WATER LINES, BEFORE ORDERING MATERIALS AND/OR CONSTRUCTING NEW FACILITIES.

2. ALL EXISTING MANHOLES AND UTILITY BOXES WITHIN THE PROJECT AREA ARE TO BE SET FLUSH WITH FINISHED GRADE, UNLESS OTHERWISE NOTED.

3. ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIFORNIA AND FEDERAL O.S.H.A. REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES, CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION.

4. PIPE MATERIALS AND INSTALLATION PROCEDURE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND THE MANUFACTURER'S RECOMMENDATIONS.

5. SHOULD ANY WATER SYSTEM MAINS OR SERVICES BE DAMAGED BY THE CONTRACTOR, THE WATER SYSTEM SHALL BE REPAIRED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE CITY.

## TREE PROTECTION NOTES

THE FOLLOWING ACTIVITIES ARE PROHIBITED WITHIN THE LIMITS OF THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE.

1. MATERIAL STORAGE: NO STORAGE OR PLACEMENT OF MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE.

2. EQUIPMENT CLEANING/LIQUID DISPOSAL: NO EQUIPMENT SHALL BE CLEANED OR OTHER LIQUIDS, INCLUDING, WITHOUT LIMITATION, PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR SIMILAR MATERIALS DEPOSITED OR ALLOWED TO FLOW ONTO THE GROUND. ALL CONTAMINANTS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE CASQA CONSTRUCTION BEST MANAGEMENT PRACTICES, SEE EROSION CONTROL PLAN SHEET C4.

3. TREE ATTACHMENTS: NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY PROTECTED TREE.

4. VEHICULAR TRAFFIC: NO VEHICULAR AND/OR CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING SHALL TAKE PLACE WITHIN THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE OTHER THAN ON EXISTING STREET PAVEMENT. THIS RESTRICTION DOES NOT APPLY TO SINGLE INCIDENT ACCESS WITHIN THE CRITICAL ROOT ZONE FOR PURPOSES OF ESTABLISHING THE BUILDING PAD AND ASSOCIATED LOT GRADING, VEHICULAR TRAFFIC NECESSARY FOR ROUTINE UTILITY MAINTENANCE, EMERGENCY RESTORATION OF UTILITY SERVICE, OR ROUTINE MOWING OPERATIONS.

1. NO HEAVY EQUIPMENT, INCLUDING BUT NOT LIMITED TO TRUCKS, TRACTORS, TRAILERS, BULLDOZERS, BOBCAT TRACTORS, TRENCHERS, COMPRESSORS, AND HOISTS, SHALL BE ALLOWED INSIDE THE DRIP-LINE OF ANY PROTECTED TREE ON ANY CONSTRUCTION SITE WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY FORESTER.

2. ROOT PRUNING: ALL ROOTS TWO INCHES OR LARGER IN DIAMETER WHICH ARE EXPOSED AS A RESULT OF TRENCHING OR OTHER EXCAVATION SHALL BE CUT OFF SQUARE WITH A SHARP MEDIUM TOOTH SAW AND COVERED WITH PRUNING COMPOUND WITHIN TWO HOURS OF INTIAL EXPOSURE.

THE FOLLOWING PROCEDURES SHALL BE FOLLOWED ON ALL TYPES OF CONSTRUCTION PROJECTS (INCLUDING RESIDENTIAL, COMMERCIAL, AND MUNICIPAL / PUBLIC DOMAIN PROJECTS).

1. PROTECTIVE FENCING: PRIOR TO THE ISSUANCE OF ANY BUILDING OR EARTH DISTURBANCE PERMIT, OR COMMENCING CONSTRUCTION, THE OWNER, CONTRACTOR OR SUBCONTRACTOR SHALL REQUIRE TREE PROTECTION INSPECTION AND APPROVAL BY THE CITY FORESTER, FOR EACH PROTECTED TREE ON A CONSTRUCTION SITE, A PROTECTIVE FENCING WHICH ENCIRCLE THE OUTER LIMITS OF THE CRITICAL ROOT ZONE OF THE TREE TO PROTECT IT FROM CONSTRUCTION ACTIVITY.

2. ALL PROTECTIVE FENCING SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF ANY SITE WORK AND REMAIN IN PLACE UNTIL ALL EXTERIOR CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED.

3. PROTECTIVE FENCING SHALL BE AT LEAST FOUR (4) FEET HIGH, CLEARLY VISIBLE, AND BE CLEARLY VISIBLE TO WORKERS ON THE SITE.

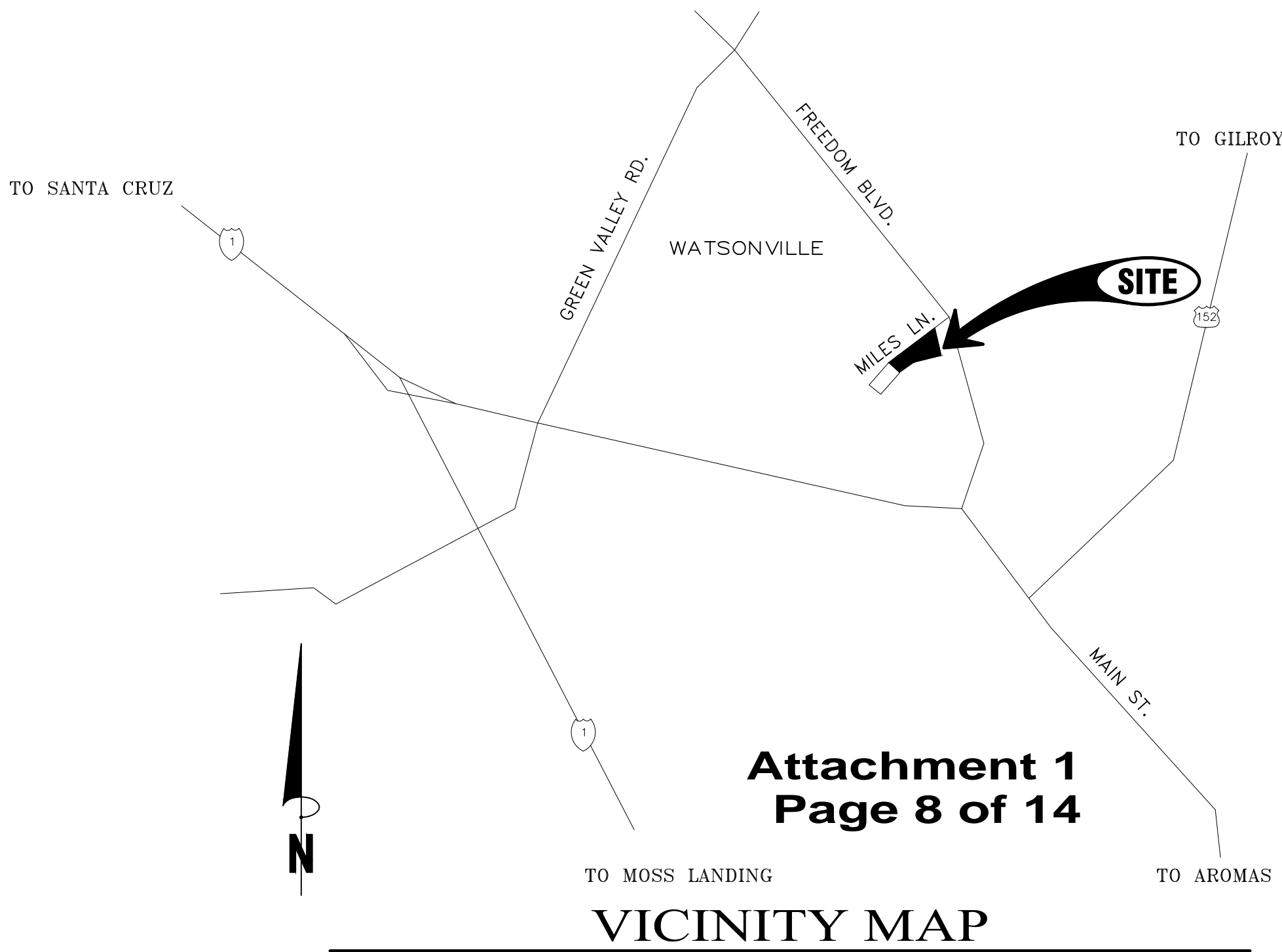
4. THE USE OF ORANGE VINYL CONSTRUCTION FENCING OR OTHER SIMILAR FENCING IS GENERALLY PERMITTED ONLY IF THERE IS NO CONSTRUCTION OR VEHICULAR ACTIVITY WITHIN TEN (10) FEET OF THE FENCE. IF CONSTRUCTION ACTIVITY OR VEHICULAR TRAFFIC IS EXPECTED WITHIN TEN (10) FEET OF THE FENCE, THE CONTRACTOR SHALL ALSO CONSULT WITH THE CITY FORESTER ON BARK PROTECTION REQUIREMENTS.

## LEGEND

EXISTING		PROPOSED
---		BOUNDARY LINE
---		EASEMENT (ESMT)
---		CENTERLINE (CL)
SD		STORM DRAIN MAIN
SS		ROOF DRAIN LATERAL
W		SANITARY SEWER MAIN
←		WATER MAIN
←		DRAINAGE FLOW LINE
GB		SAWCUT
GB		GRADE BREAK
170		ACCESSIBLE PATH OF TRAVEL
169		MAJOR CONTOUR
X		MINOR CONTOUR
X		FENCE
X		SPOT ELEVATION
SDMH		DROP INLET (DI)
SSMH		CURB INLET (CI)
FH		AREA DRAIN (AD)
WM		STORM DRAIN MANHOLE (SDMH)
WV		SANITARY SEWER MANHOLE (SSMH)
▽		FIRE DEPARTMENT CONNECTION (FDC)
▽		FIRE HYDRANT (FH)
▽		POST INDICATOR VALVE (PIV)
▽		WATER METER (WM)
▽		WATER VALVE (WV)
▽		CHECK VALVE
▽		DOUBLE CHECK VALVE
○		CLEANOUT (CO)

## SHEET INDEX

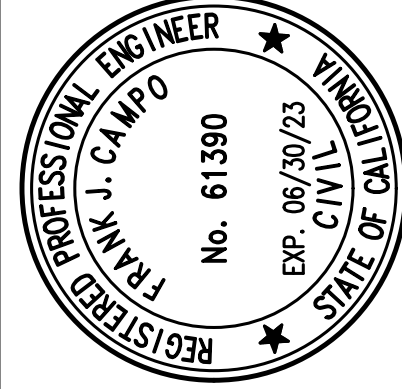
- C1 COVER & GENERAL NOTES
- C2 EX SITE PLAN/ SITE PLAN
- C3 GRADING & DRAINAGE PLAN
- C4 UTILITY PLAN
- C5 SECTIONS
- C6 DETAILS
- C7 EROSION CONTROL



Attachment 1  
Page 8 of 14

VICINITY MAP

**C3 ENGINEERING INCORPORATED**  
Civil Engineering Land Development  
Stormwater Management



COVER SHEET  
& GENERAL NOTES  
MIXED-USE DEVELOPMENT

Project Location: 139 MILES LANE, WATSONVILLE, CA 95076  
PREPARED FOR: Encompass

SCALE:	AS NOTED
DATE:	03-31-22
DESIGN BY:	FJC
DRAWN BY:	ECH
CHECKED BY:	FJC
SHEET NUMBER:	

C1

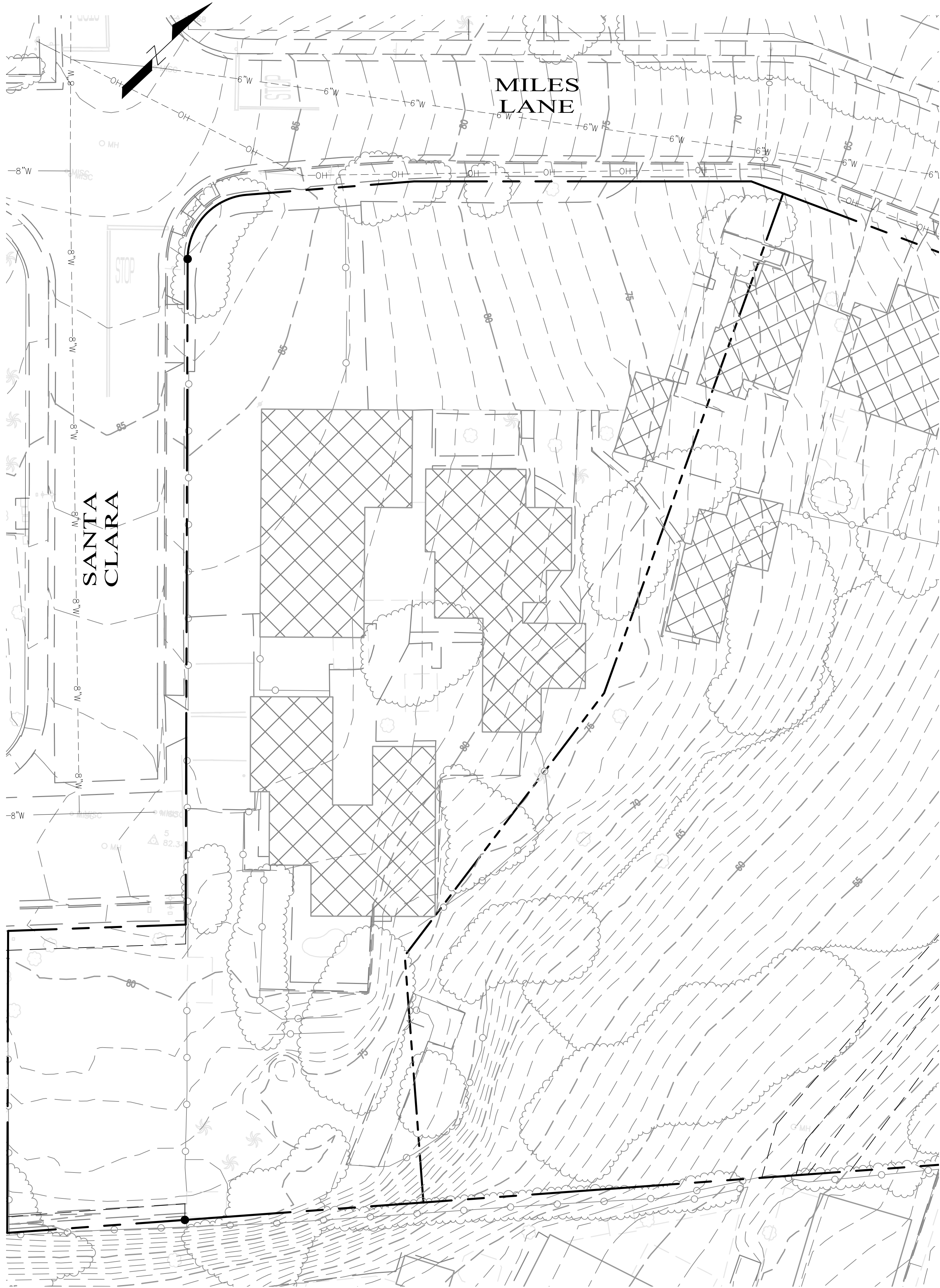
OF 7 SHEETS  
PROJECT# 118-186

REV. DATE DESCRIPTION MADE IN THE USA



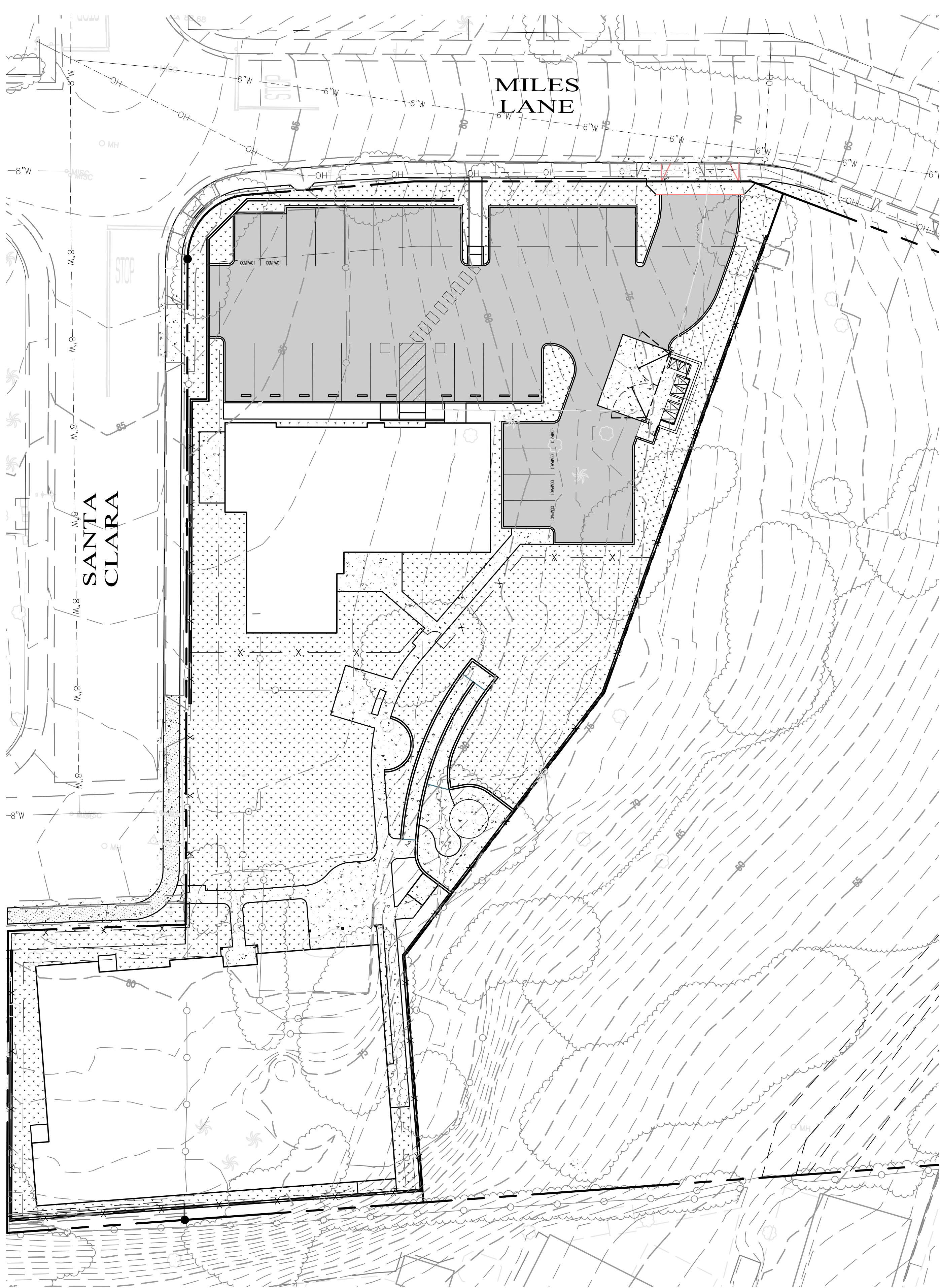
Drawing file: Z:\Projects\118186\_WRD - Miles Lane\Draw\118186\_XBase\_Encompass 2022.dwg  
Plotted: Apr 03, 2022 - 10:52pm

THE USE OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE  
RESTRICTED TO THE PROJECT AND SITE DESCRIBED HEREIN.  
REUSE, REPRODUCTION OR PUBLICATION, IN WHOLE OR IN PART, IS  
PROHIBITED WITHOUT THE WRITTEN CONSENT OF C3 ENGINEERING.



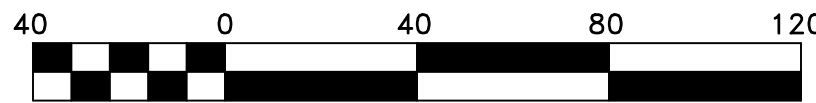
EX SITE PLAN

1" = 20'



PROPOSED SITE PLAN

1" = 20'



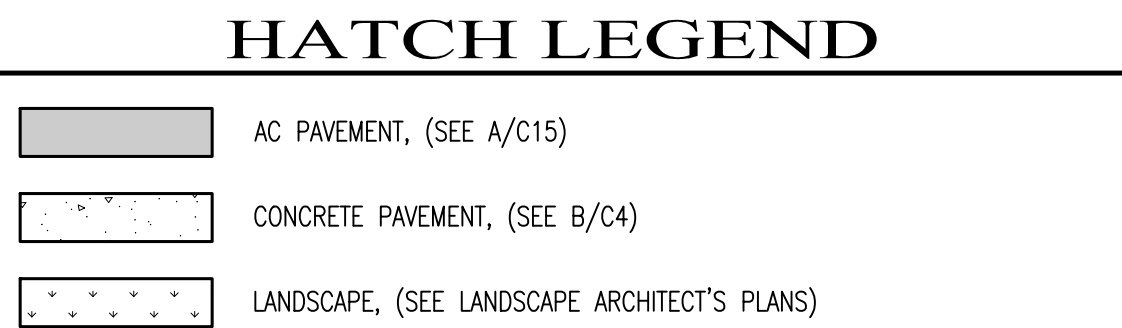
Scale 1" = 40'

Attachment 1  
Page 9 of 14

EX SITE PLAN		C3 ENGINEERING INCORPORATED	
MIXED-USE DEVELOPMENT		Civil Engineering Land Development Stormwater Management	
Project Location: 139 MILES LANE, WATSONVILLE, CA 95076		126 Bonifacio Place, Suite C, Monterey, CA 93940	
PREPARED FOR: Encompass		Phone: (831) 647-1192 Fax (831) 647-1194	
SCALE: AS NOTED		mail@C3Engineering.net	
DATE: 03-31-22		REV. DATE	
DESIGN BY: FJC		BY	
DRAWN BY: ECH		MADE IN THE USA	
CHECKED BY: FJC			
SHEET NUMBER:			
C2			
OF 7 SHEETS			
PROJECT# 118-186			



Drawing file: Z:\Projects\118186 WRD - Miles Lane\Dwg\118186 XBase Encompass 2022.dwg  
Plotted: Apr 03, 2022 - 10:32pm



Scale 1" = 20'

[illegible]



Drawing file: Z:\Projects\118186 WRD - Miles Lane.dwg - 118186 XBase Encompass 2022.dwg  
Plotted: Apr 03, 2022 - 10:32pm

	W	Water Main, (PVC)
	SS	Sanitary Sewer Main, (PVC)
	SD	Storm Drain Main, (<8" PVC, >8" HDPE)*
		Drop Inlet (DI)
		Curb Inlet (CI)
	AD	Area Drain (AD)
	SDMH	Storm Drain Manhole (SDMH)
	SSMH	Sanitary Sewer Manhole (SSMH)
	FDC	Fire Department Connection (FDC)
	FH	Fire Hydrant (FH)
	PIV	Post Indicator Valve (PIV)
		Water Meter (WM)
		Water Valve (WV)
		Check Valve
		Double Check Valve
		Cleanout (CO)
		Underground Retention Chamber (SCM FOR STORMWATER QUANTITY)

1. ALL NEW STORM INLETS SHALL BE EQUIPPED WITH PERMANENT MEDIA FILTERS CAPABLE OF REMOVING SUSPENDED SOLIDS AS WELL AS HYDROCARBONS. (SCM FOR STORMWATER QUALITY)
2. ALL EXISTING WATER SERVICES AND SANITARY SEWER SERVICES SHALL BE DECOMMISSIONED AND REMOVED OR ABANDONED IN PLACE IN ACCORDANCE WITH JURISDICTIONAL AGENCY REQUIREMENTS.

① SANITARY SEWER SERVICE

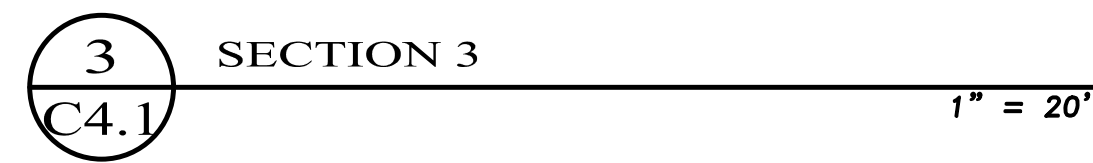


<div>OVERALL UTILITIES</div> <div>MIXED-USE DEVELOPMENT</div>		<div><div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>FRANK J. CAMPO</div><div>No. 61390</div><div>EXP. 06/30/23</div><div>CIVIL</div><div>STATE OF CALIF.</div></div></div>	AC3 ENGINEERING INCORPORATED		Civil Engineering Land Development		Stormwater Management		126 Bonifacio Place, Suite C, Monterey, CA 93940		Phone: (831) 647-1194		mail@ac3engineering.net																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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**OVERALL UTILITIES  
MIXED-USE DEVELOPMENT**

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PREPARED FOR: Encompass

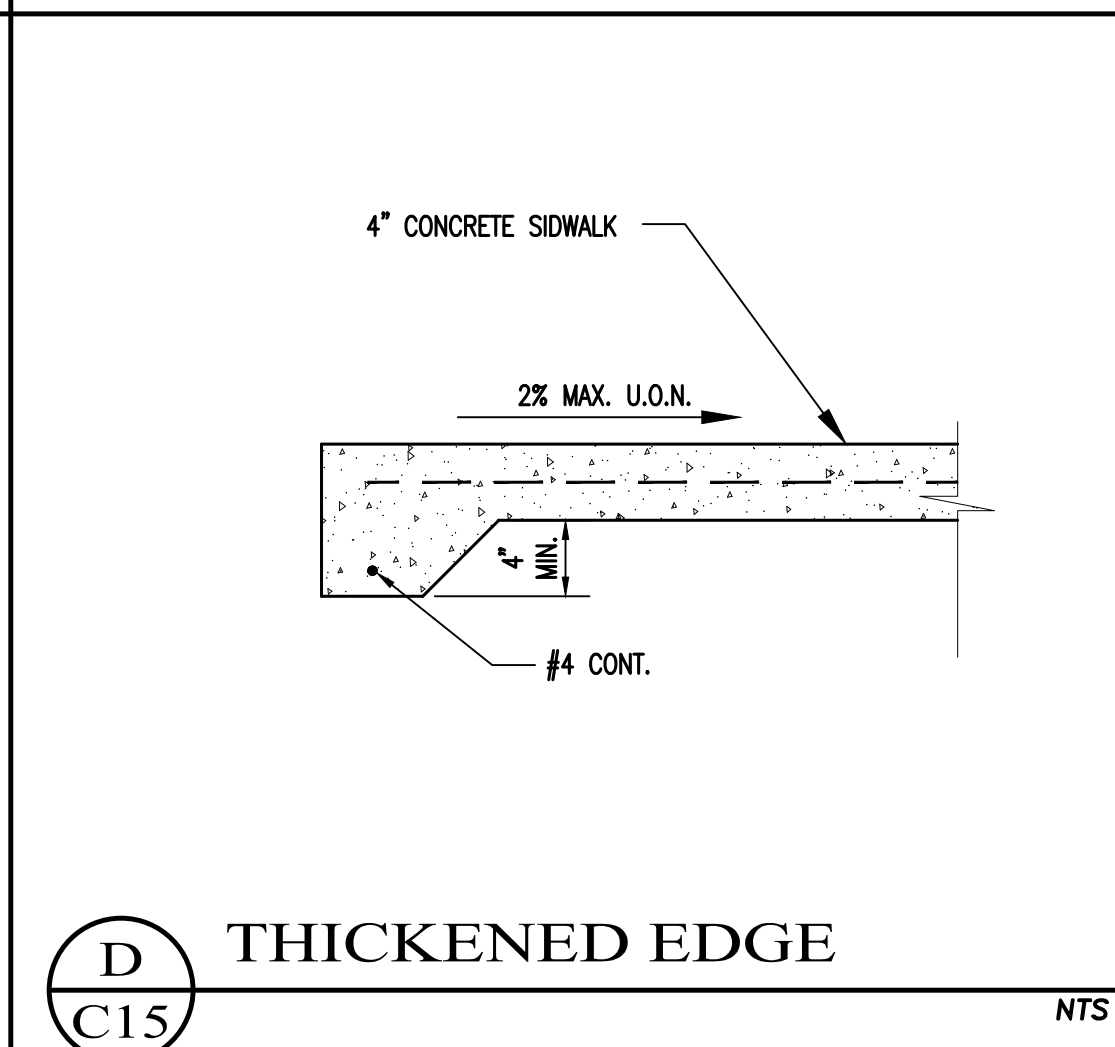
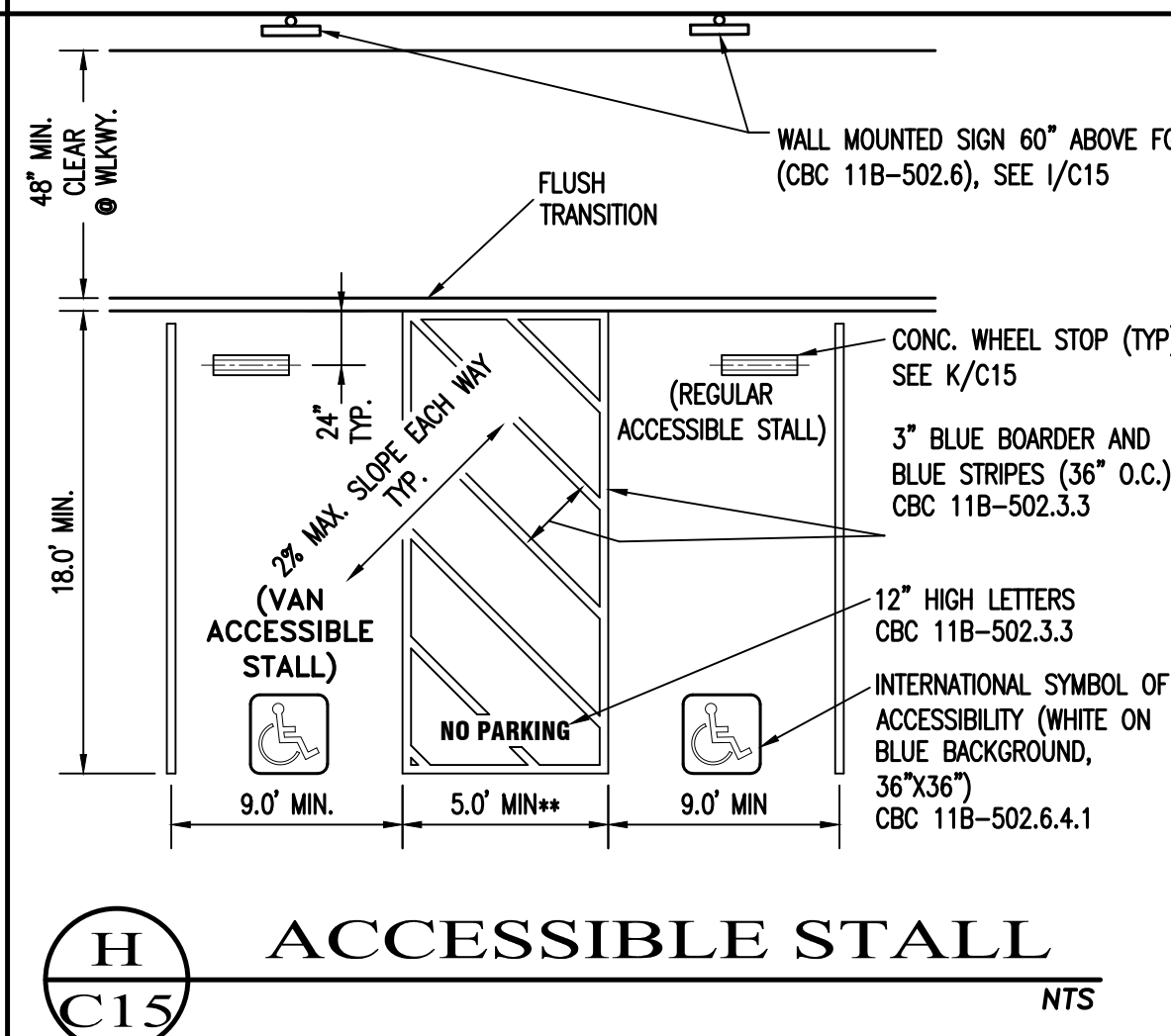
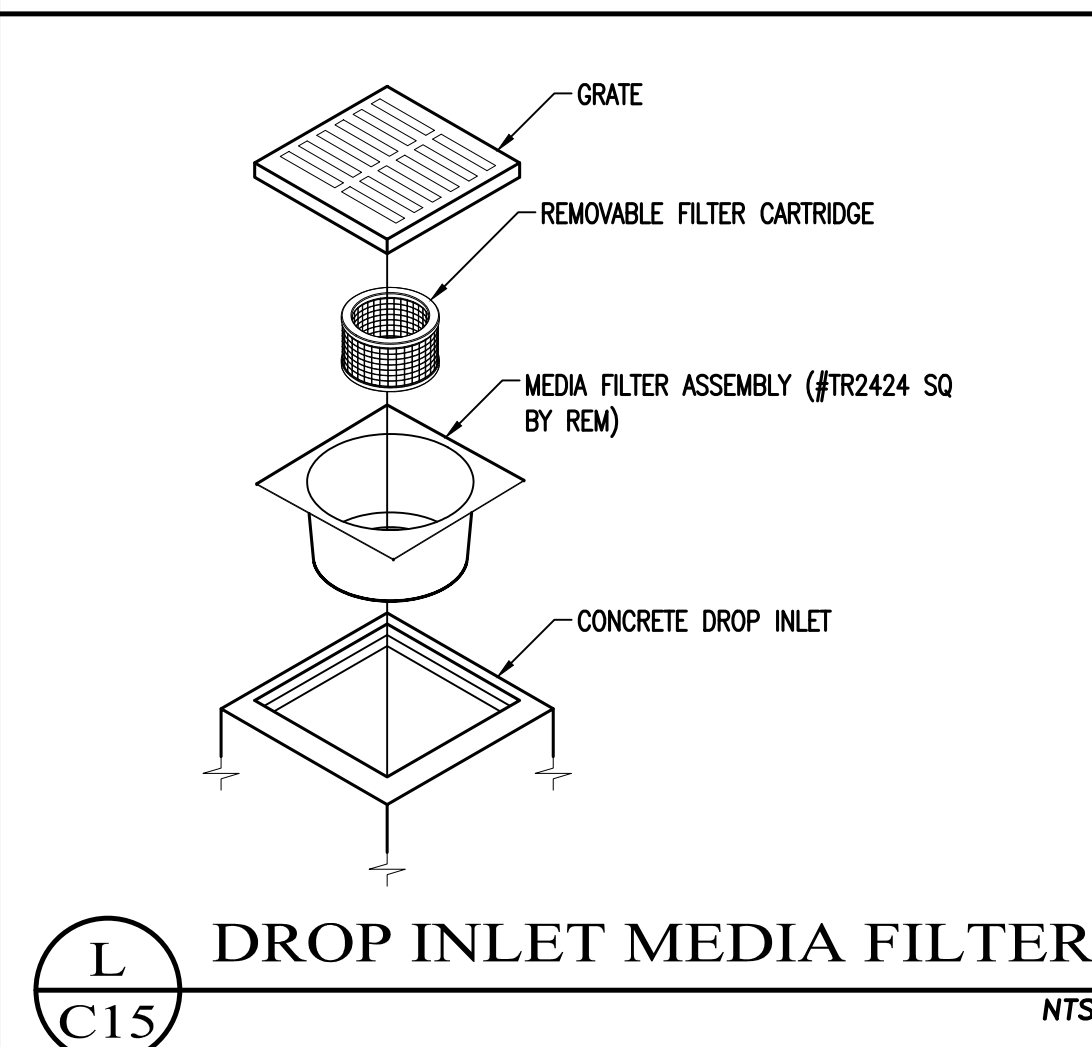
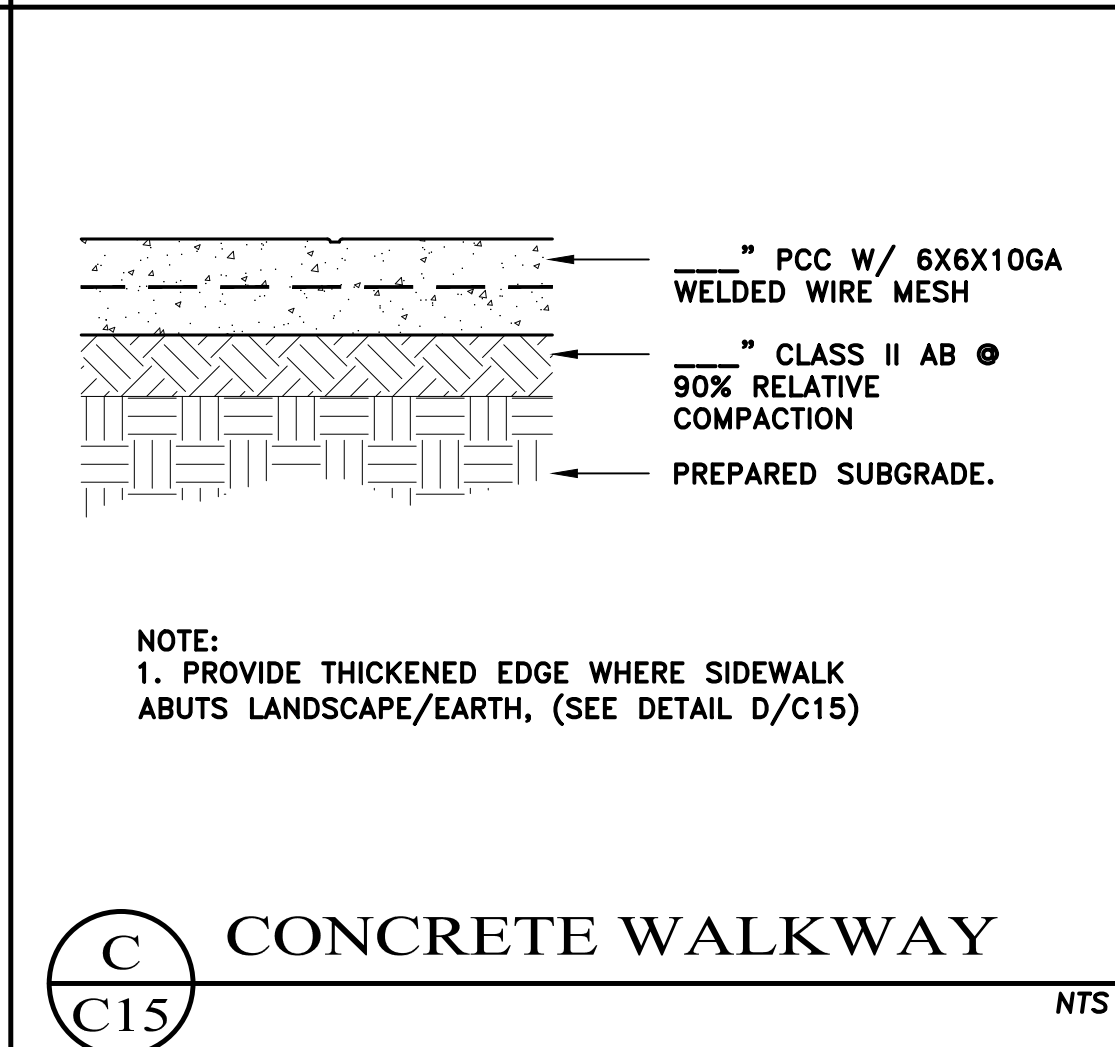
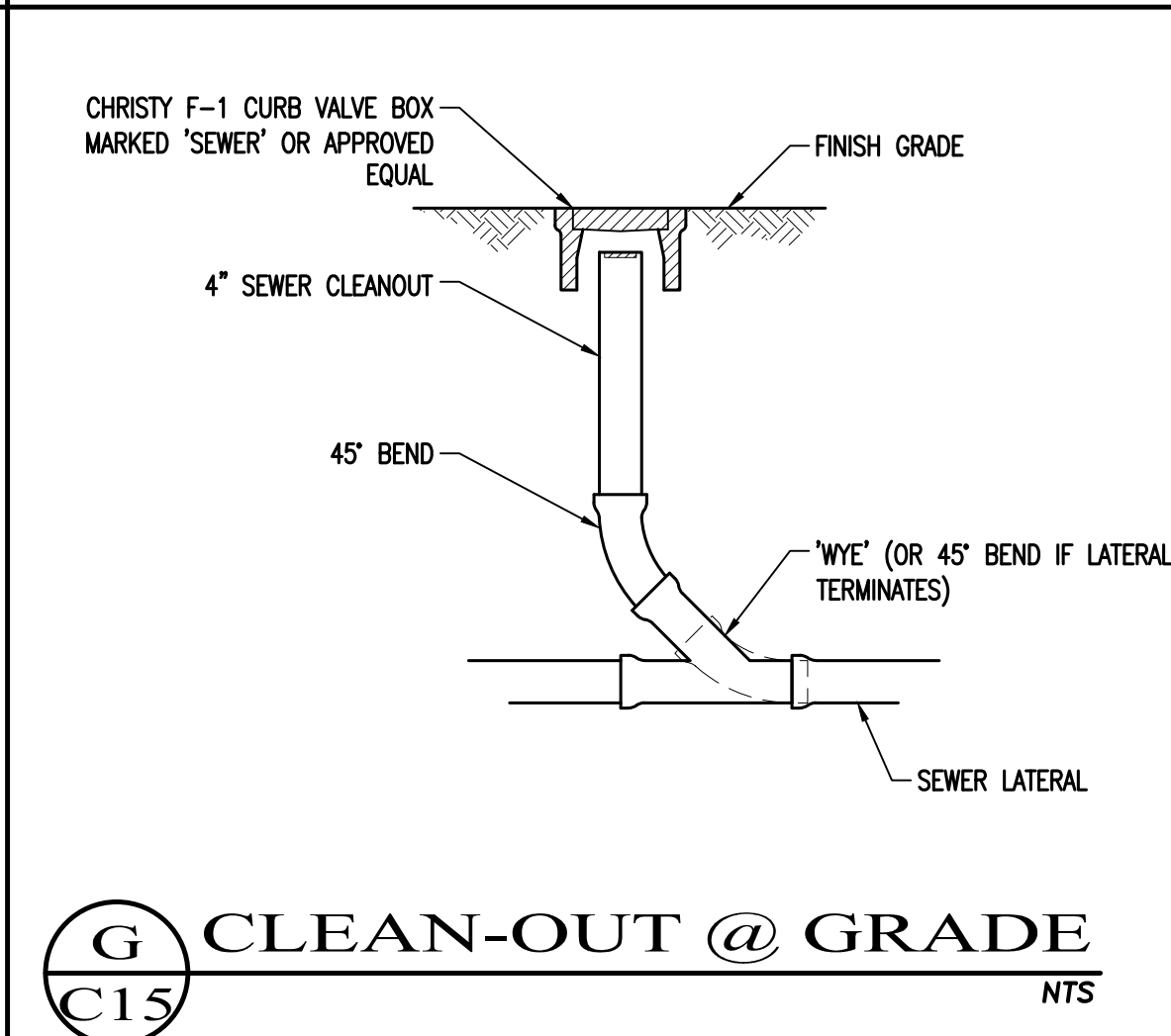
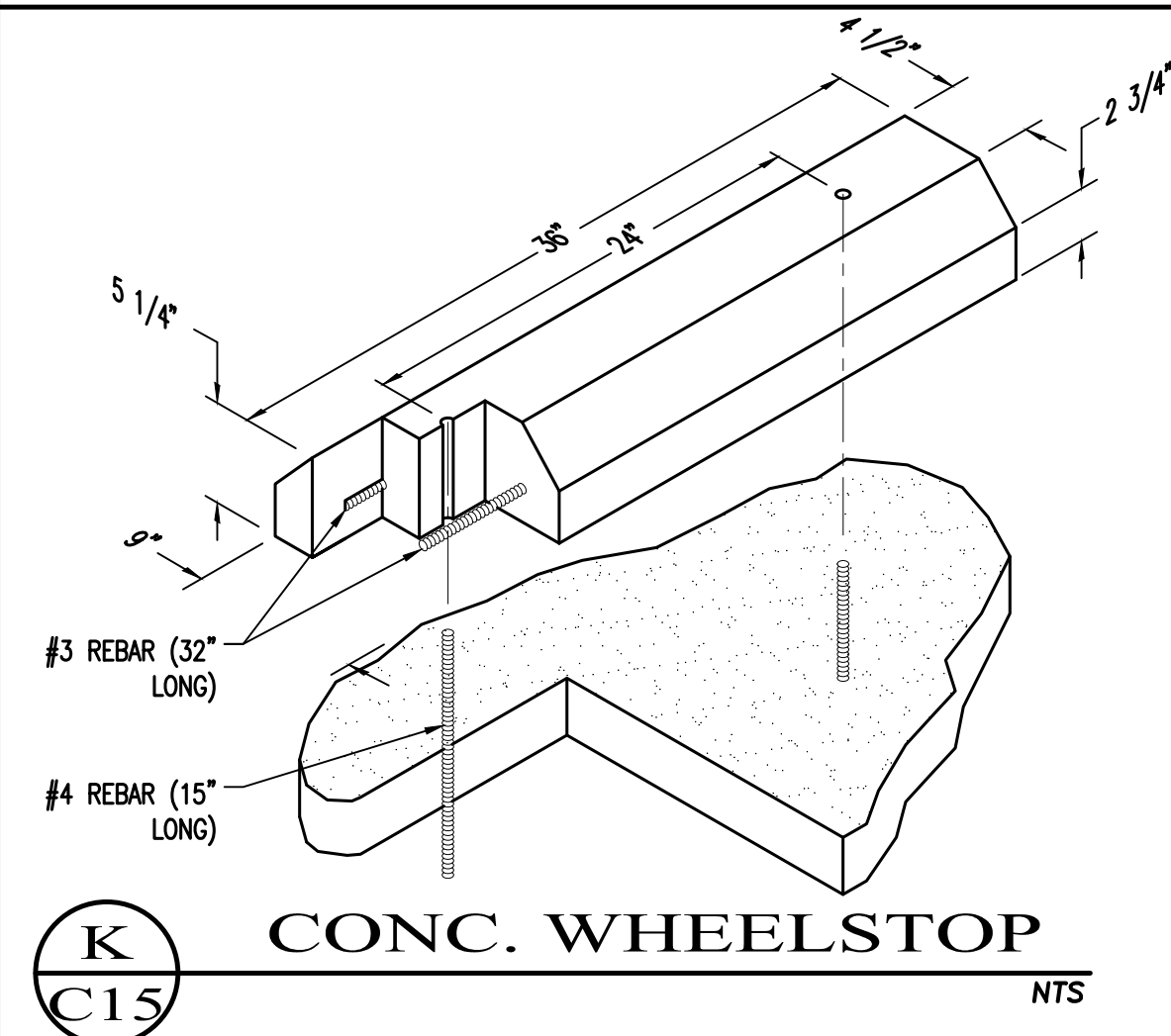
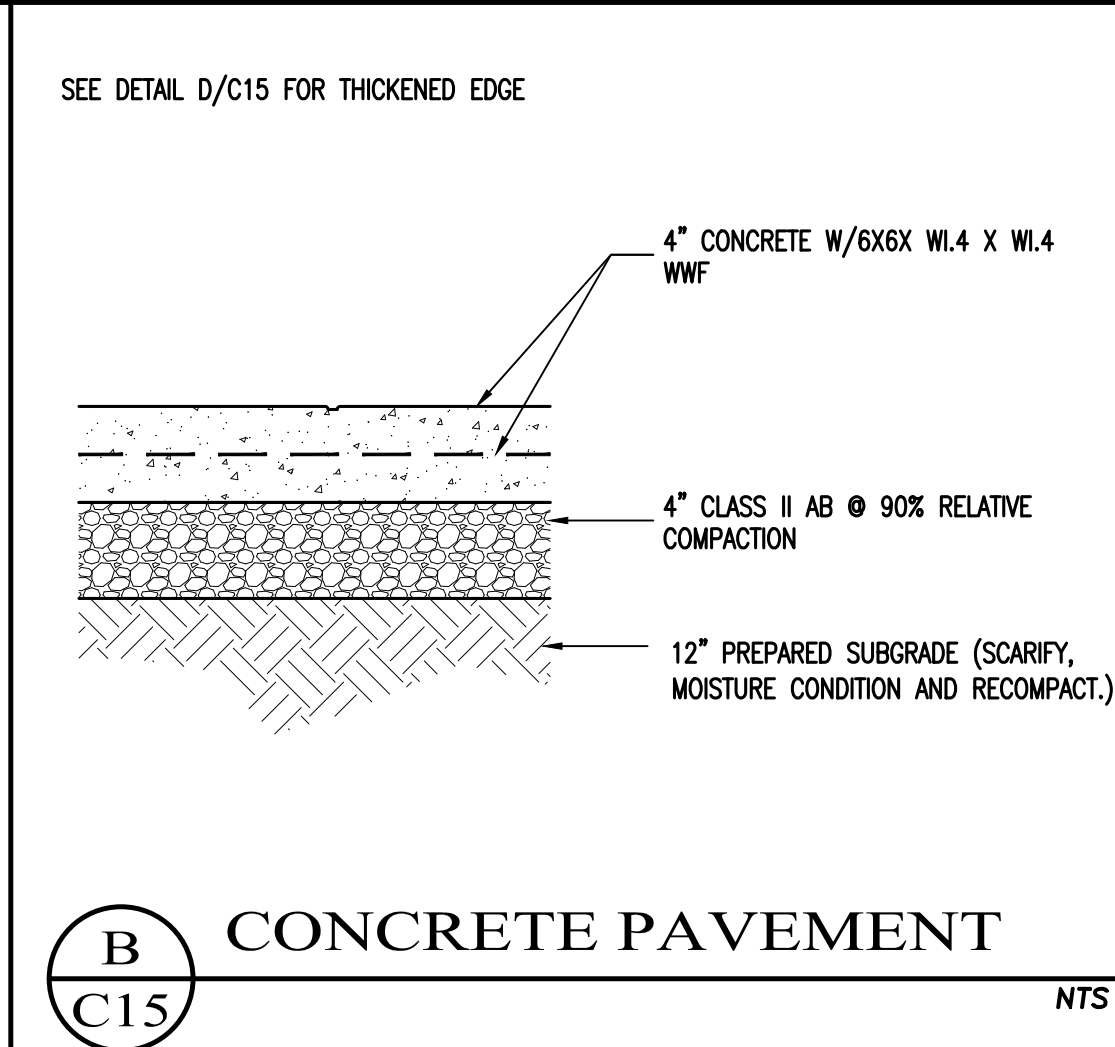
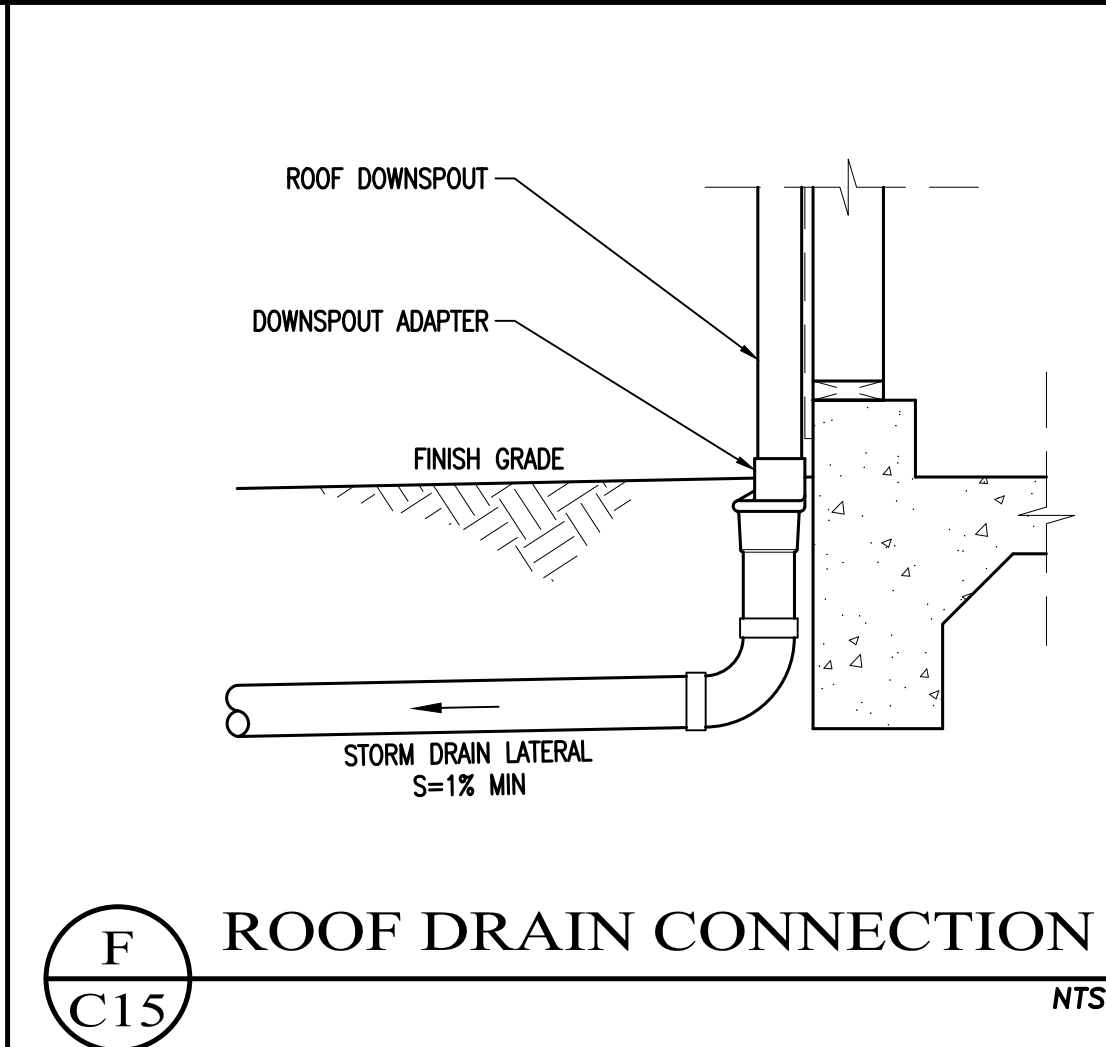
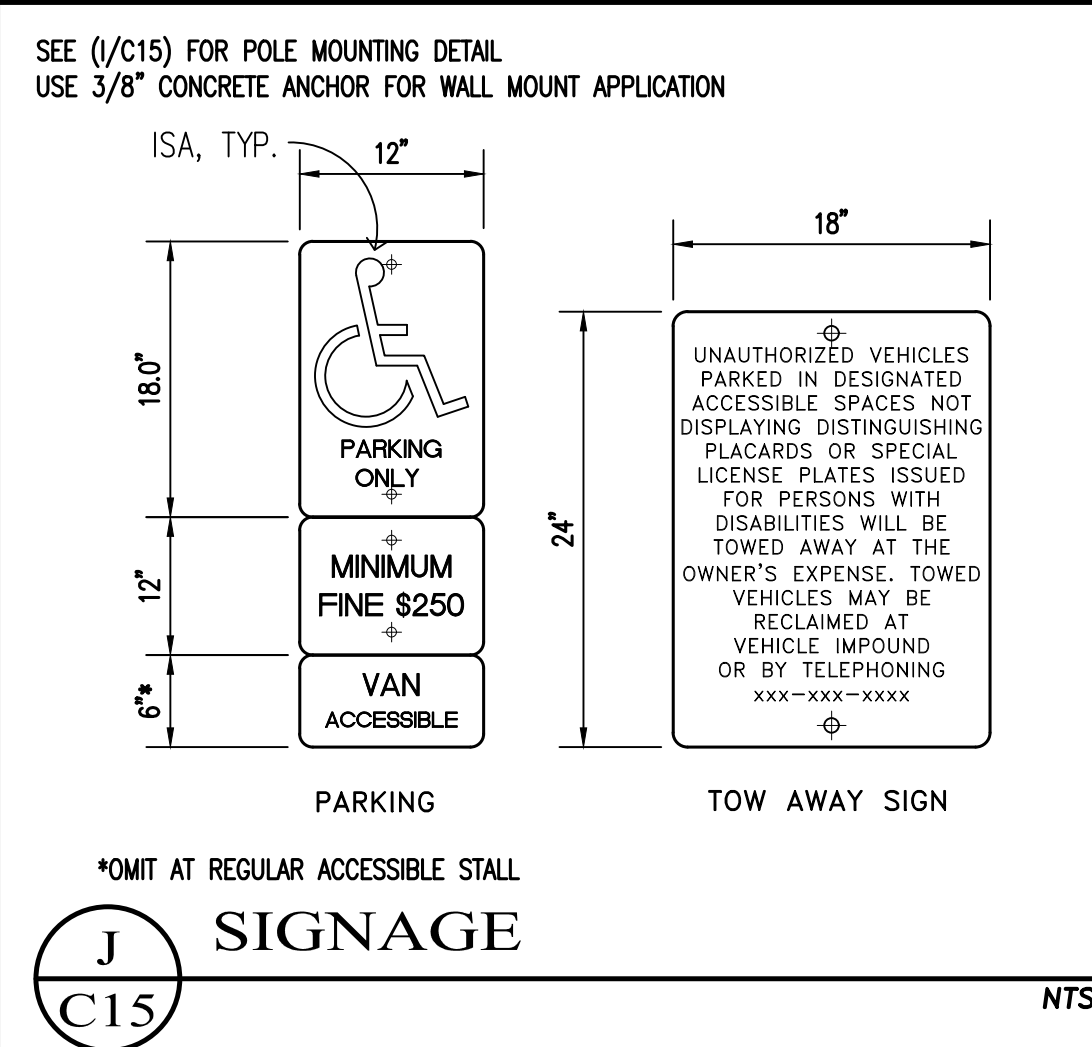
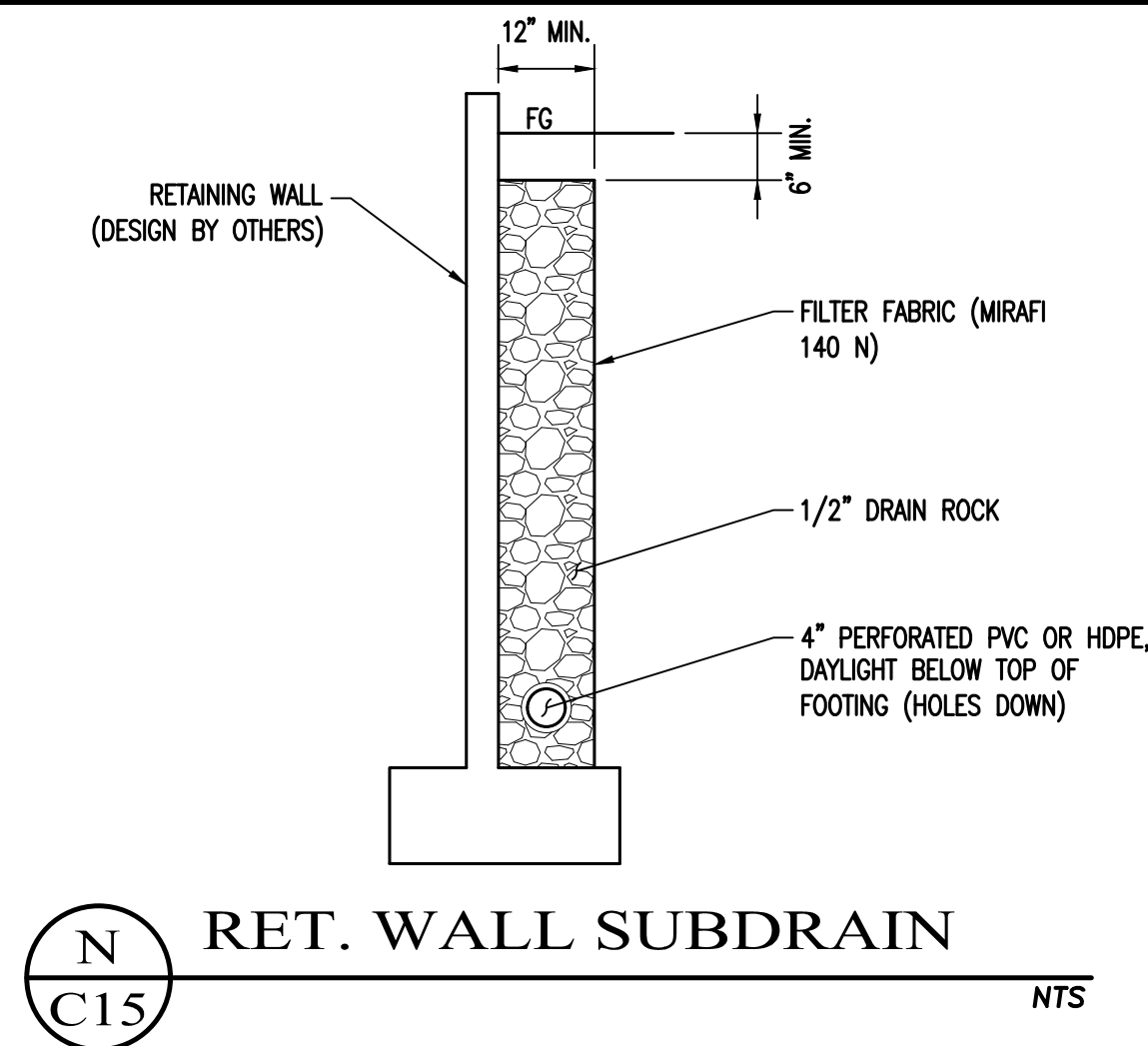
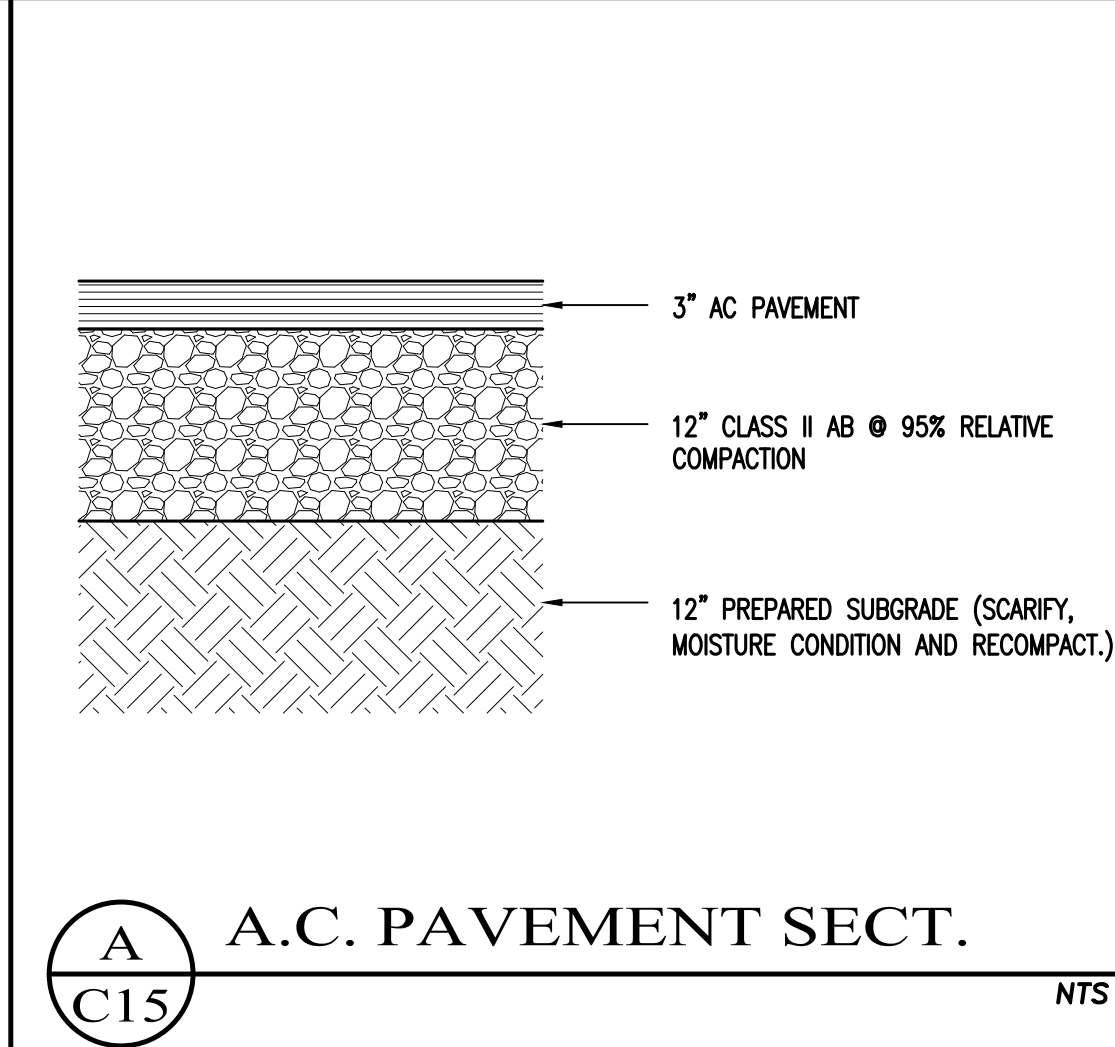
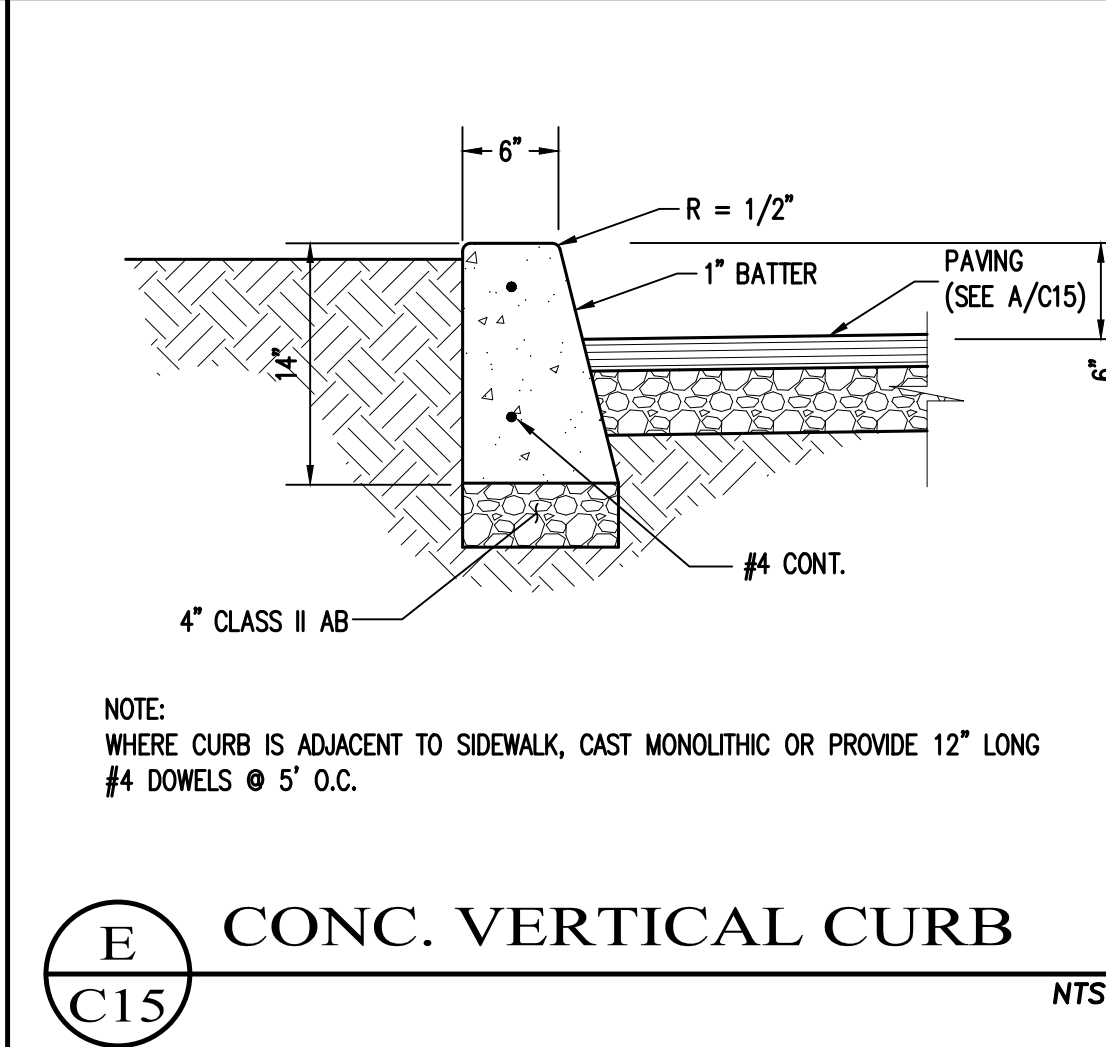
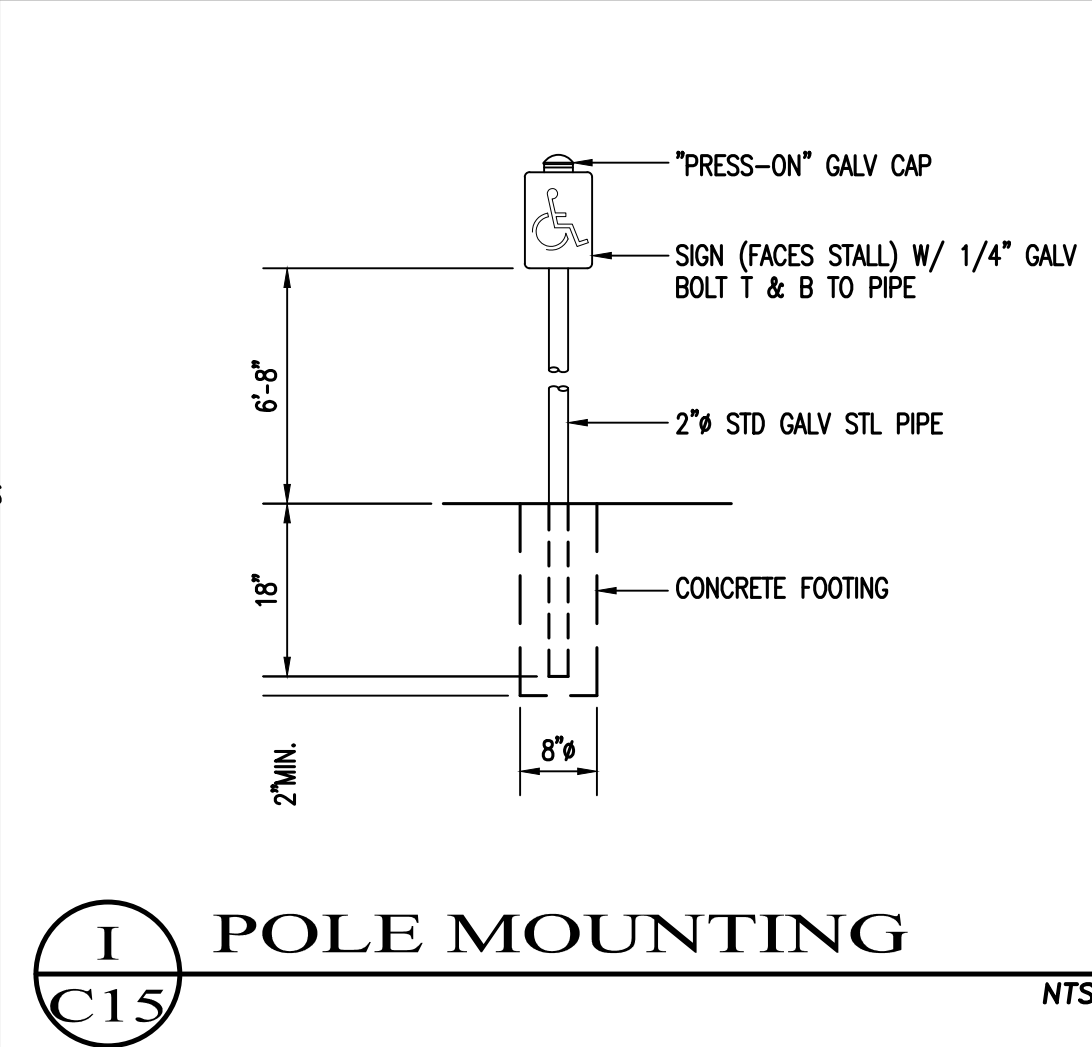
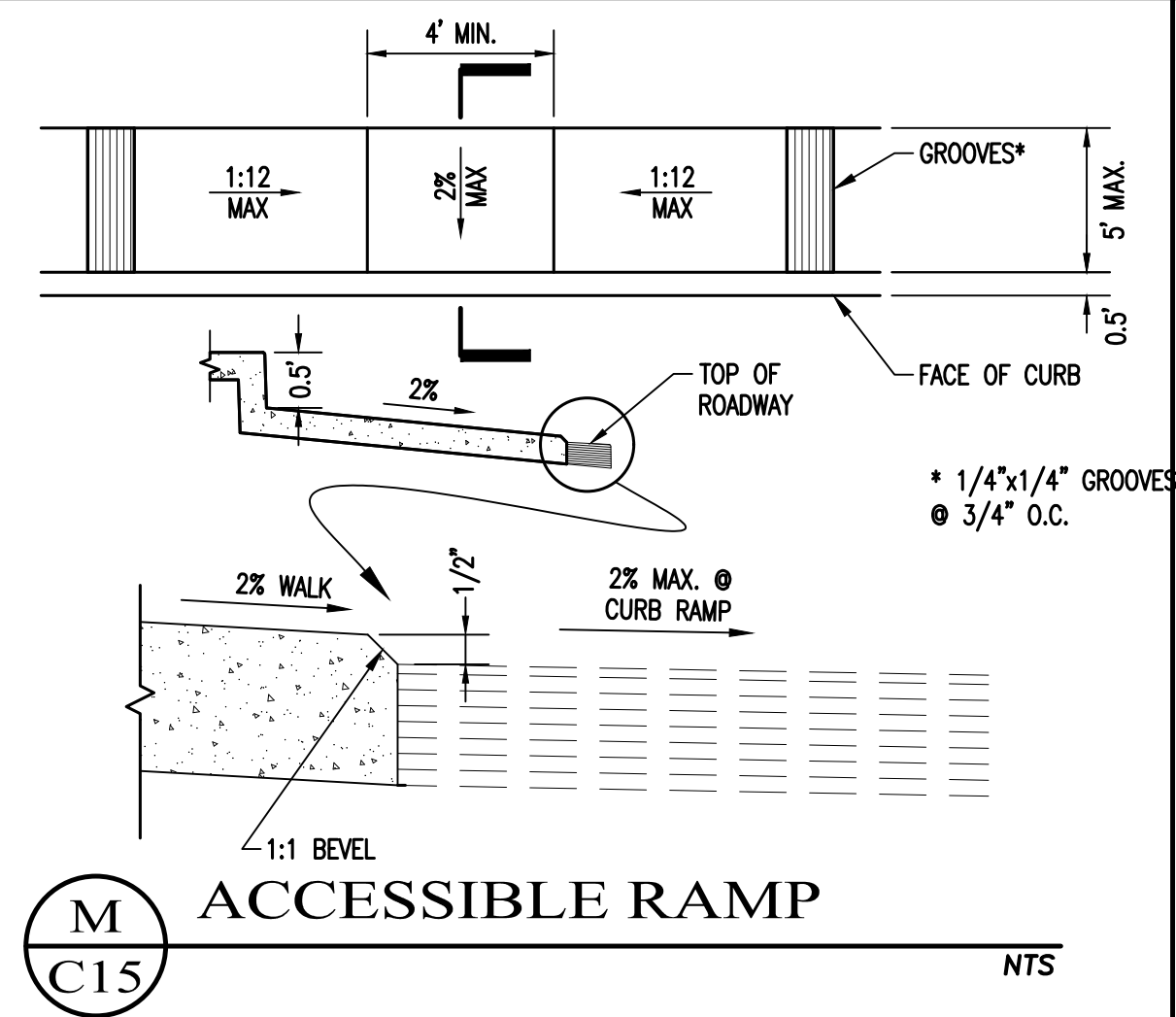




Scale 1" = 20'

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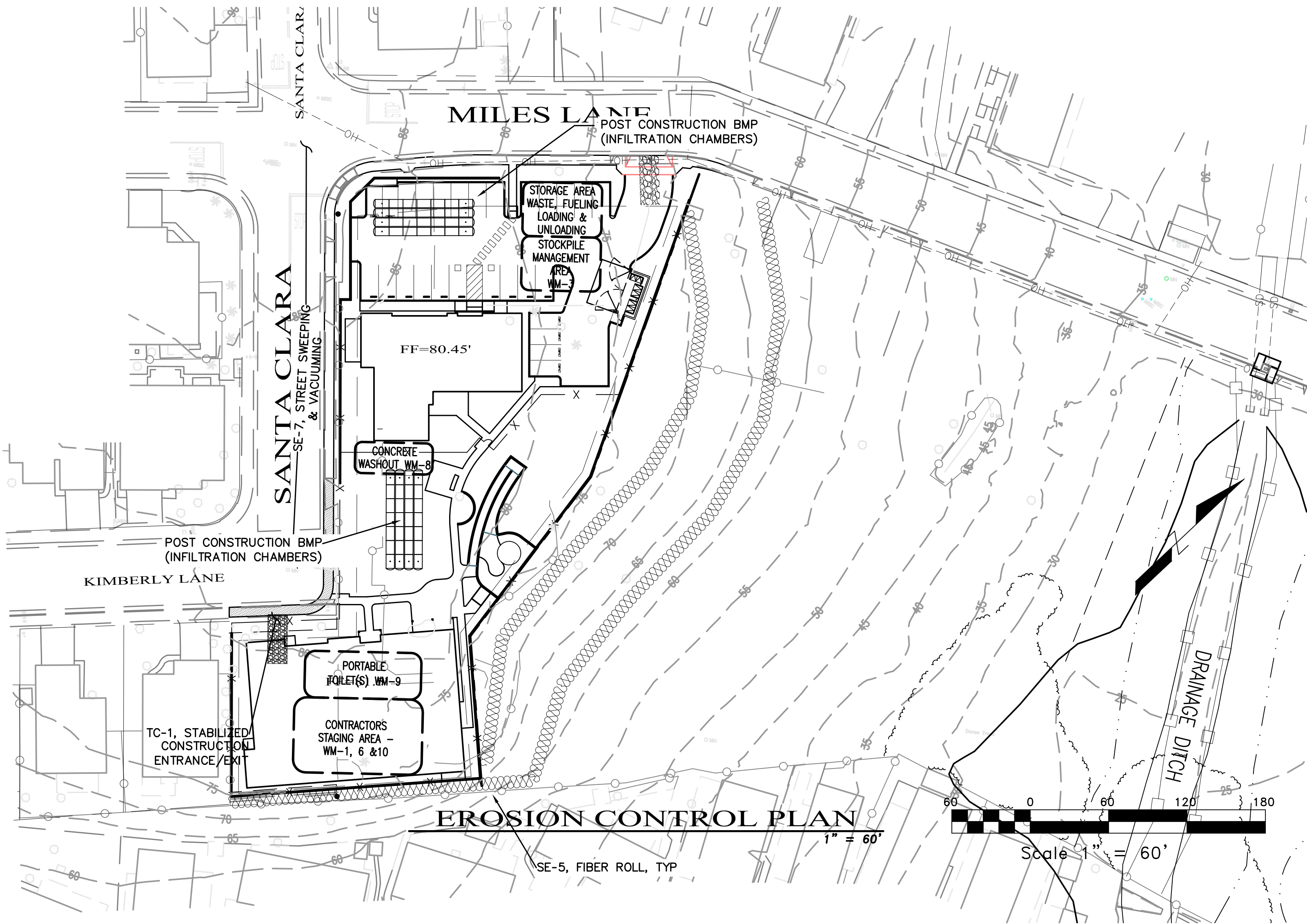
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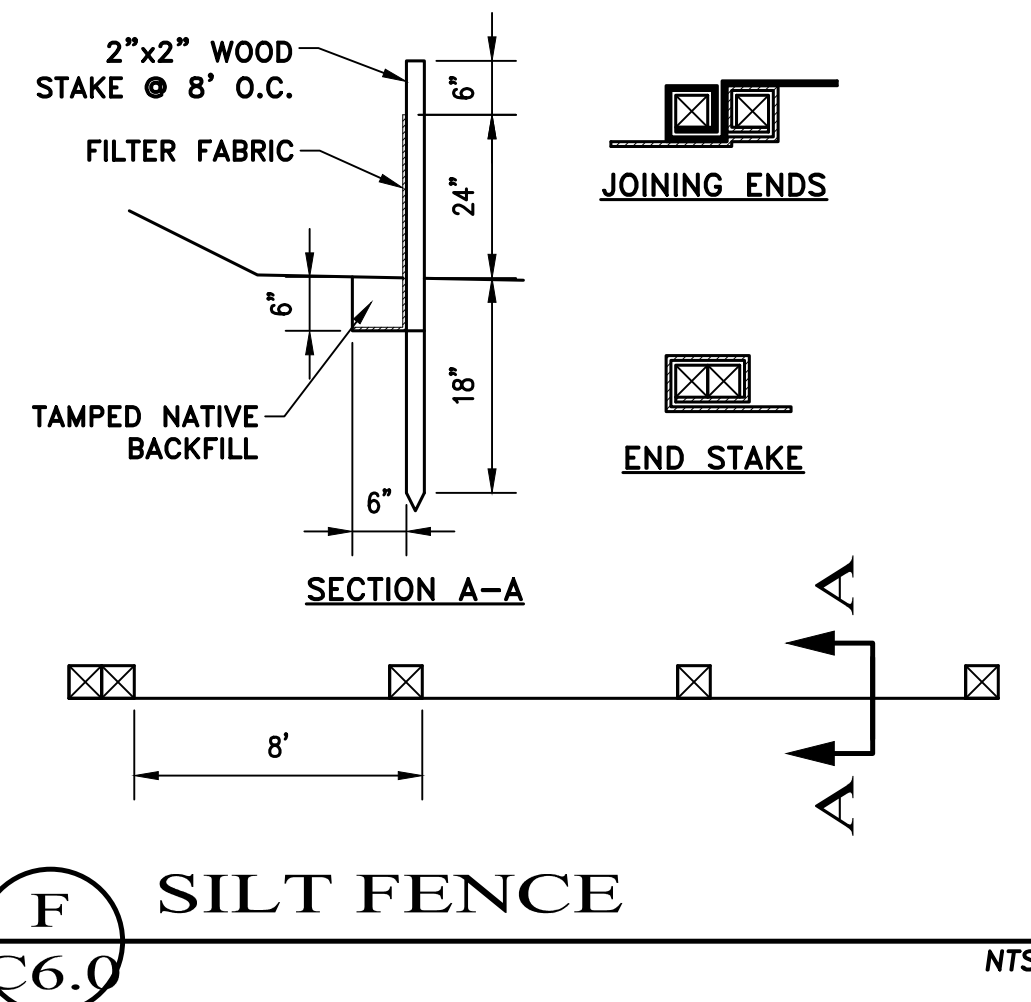


### EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT AIRBORNE DUST FROM BECOMING A NUISANCE TO NEIGHBORING PROPERTIES. THE CONTRACTOR SHALL CONFORM TO THE STANDARDS FOR DUST-CONTROL AS ESTABLISHED BY THE AIR QUALITY MAINTENANCE DISTRICT. DUST CONTROL MEASURES TO BE IMPLEMENTED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:  
A) PROVIDE EQUIPMENT AND MANPOWER REQUIRED FOR WATERING ALL EXPOSED OR DISTURBED EARTH. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES.  
B) COVER STOCKPILES OF DEBRIS, SOIL, OR OTHER MATERIALS WHICH MAY CONTRIBUTE TO AIRBORNE DUST.  
C) KEEP CONSTRUCTION AREAS AND ADJACENT STREET FREE OF MUD AND DUST.  
D) LANDSCAPE, SEED, OR COVER PORTIONS OF THE SITE AS SOON AS CONSTRUCTION IS COMPLETE.  
THE CONTRACTOR SHALL ASSUME LIABILITY FOR CLAIMS RELATED TO WIND BLOWN MATERIAL IF THE DUST CONTROL IS INADEQUATE AS DETERMINED BY THE CITY. THE CONSTRUCTION WORK SHALL BE TERMINATED UNTIL CORRECTIVE MEASURES ARE TAKEN.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO KEEP STREETS AND ROADS FREE FROM DIRT AND DEBRIS. SHOULD ANY DIRT OR DEBRIS BE DEPOSITED IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL REMOVE IT IMMEDIATELY.
3. ALL CUT AND FILL SLOPES EXPOSED DURING CONSTRUCTION SHALL BE COVERED, SEEDED OR OTHERWISE TREATED TO CONTROL EROSION WITHIN 48 HOURS AFTER GRADING. CONTRACTOR SHALL RE-VEGETATE SLOPES AND ALL DISTURBED AREAS THROUGH AN APPROVED PROCESS AS DETERMINED BY THE CITY. THIS MAY CONSIST OF EFFECTIVE PLANTING OF RYE GRASS, BARLEY OR SOME OTHER FAST GERMINATING SEED.
4. DURING WINTER OPERATIONS (BETWEEN OCTOBER 15 AND APRIL 15), THE FOLLOWING MEASURES MUST BE TAKEN:  
A) VEGETATION REMOVAL SHALL NOT PRECEDE SUBSEQUENT GRADING OR CONSTRUCTION ACTIVITIES BY MORE THAN 15 DAYS. DURING THIS PERIOD, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE. DISTURBED SURFACES NOT INVOLVED IN THE IMMEDIATE OPERATIONS MUST BE PROTECTED BY MULCHING AND/OR OTHER EFFECTIVE MEANS OF SOIL PROTECTION.  
B) ALL ROADS AND DRIVEWAYS SHALL HAVE DRAINAGE FACILITIES SUFFICIENT TO PREVENT EROSION ON OR ADJACENT TO THE ROADWAY OR THE DOWNHILL PROPERTIES.  
C) RUN-OFF FROM THE SITE SHALL BE DETAINED OR FILTERED BY BERMS, VEGETATED FILTER STRIPS AND/OR CATCH BASINS TO PREVENT THE ESCAPE OF SEDIMENT FROM THE DISTURBED AREA OR SITE. THESE DRAINAGE CONTROL MEASURES MUST BE MAINTAINED BY THE CONTRACTOR AS NECESSARY TO ACHIEVE THEIR PURPOSE THROUGHOUT THE LIFE OF THE PROJECT.  
D) EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND IN PLACE AT THE END OF EACH DAY AND CONTINUOUSLY CHECKED THROUGHOUT THE LIFE OF THE PROJECT DURING WINTER OPERATIONS.  
(GRADING/EROSION ORD. 2806-16.12.090)  
E) THE GRADING INSPECTOR MAY STOP OPERATIONS DURING PERIODS OF INCLEMENT WEATHER IF EROSION PROBLEMS ARE NOT BEING CONTROLLED ADEQUATELY.
5. IF VEGETATION REMOVAL TAKES PLACE PRIOR TO A GRADING OPERATION AND THE ACTUAL GRADING DOES NOT BEGIN WITHIN 30 DAYS FROM THE DATE OF REMOVAL, THEN THAT AREA SHALL BE PLANTED UNDER THE PROVISION OF SECTION 16.08.340 TO CONTROL EROSION. NO VEGETATION REMOVAL OR GRADING WILL BE ALLOWED WHICH WILL RESULT IN SILTATION OF WATER COURSES OR UNCONTROLLABLE EROSION.

### EROSION CONTROL NOTES

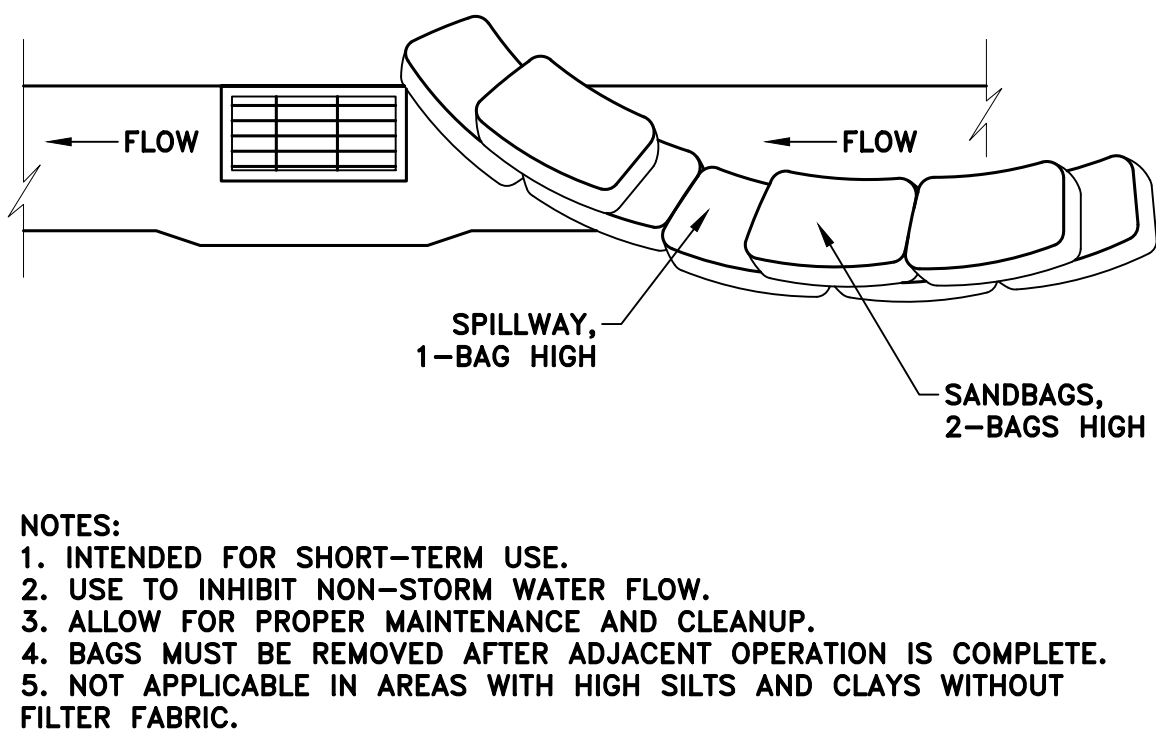
6. ALL POLLUTANTS AND THEIR SOURCES, INCLUDING SOURCES OF SEDIMENT ASSOCIATED WITH CONSTRUCTION, CONSTRUCTION SITE EROSION AND ALL OTHER ACTIVITIES ASSOCIATED WITH CONSTRUCTION ACTIVITY ARE CONTROLLED;
7. ALL NON-STORM WATER DISCHARGES ARE IDENTIFIED AND EITHER ELIMINATED, CONTROLLED, OR TREATED;
8. SITE BMPs ARE TO BE EFFECTIVE AND RESULT IN THE REDUCTION OR ELIMINATION OF POLLUTANTS IN STORM WATER DISCHARGES AND AUTHORIZED NON-STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITY
9. STABILIZATION BMPs INSTALLED TO REDUCE OR ELIMINATE POLLUTANTS AFTER CONSTRUCTION IS COMPLETED.
10. BEST MANAGEMENT PRACTICES (BMPs) TO BE IMPLEMENTED BY THE PROJECT ARE LISTED BY CATEGORY, FACT SHEETS, AND DETAILS FOR THE BMPs SELECTED FOR THIS PROJECT, CAN BE FOUND IN THE CASQA STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK.
11. CONTRACTORS STAGING AREA DESIGNATED FOR FOLLOWING STORM WATER BEST MANAGEMENT PRACTICES: SCHEDULING, WATER CONSERVATION PRACTICES, VEHICLE & EQUIPMENT CLEANING, VEHICLE & EQUIPMENT MAINTENANCE, MATERIAL DELIVERY & STORAGE, STOCKPILE MANAGEMENT, SPILL PREVENTION & CONTROL, SOLID WASTE MANAGEMENT, HAZARDOUS WASTE MANAGEMENT, CONCRETE WASTE MANAGEMENT, SANITARY WASTE MANAGEMENT.



### GRADING DATA

EARTHWORK QUANTITIES:  
CUT = 3,290 CY  
FILL = 1,667 CY  
NET = 1,623 CY FILL

GRADING AREAS  
TOTAL SITE AREA: 43,149 SF/0.99 AC  
AREA DISTURBED: 43,149 SF/0.99 AC



- NOTES:
1. INTENDED FOR SHORT-TERM USE.
  2. USE TO INHIBIT NON-STORM WATER FLOW.
  3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
  4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETE.
  5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

### BMP'S

- EROSION CONTROL:**  
EC-1 SCHEDULING  
EC-2 PRESERVATION OF EXISTING VEGETATION  
EC-3 HYDRAULIC MULCH  
EC-4 HYDROSEEDING  
EC-8 WOOD MULCHING  
EC-16 NON-VEGETATIVE STABILIZATION
- SEDIMENT CONTROL:**  
SE-1 SILT FENCE  
SE-2 SEDIMENT BASINS  
SE-3 SEDIMENT TRAP  
SE-5 FIBER ROLL  
SE-6 GRAVEL BAG BERM  
SE-7 STREET SWEEPING AND VACUUMING  
SE-8 SANDBAG BARRIER  
SE-9 STRAW BALE BARRIER  
SE-10 STORM DRAIN INLET PROTECTION  
SE-13 COMPOST SOCKS AND BERMS  
SE-14 BIOFILTER BAGS
- WASTE MANAGEMENT AND MATERIAL POLLUTION CONTROL:**  
WM-1 MATERIAL DELIVERY AND STORAGE  
WM-2 MATERIAL USED  
WM-3 STOCKPILE MANAGEMENT  
WM-4 SPILL PREVENTION AND CONTROL  
WM-5 SOLID WASTE MANAGEMENT  
WM-6 HAZARDOUS WASTE MANAGEMENT  
WM-7 CONTAMINATED SOIL MANAGEMENT  
WM-8 CONCRETE WASTE MANAGEMENT  
WM-9 SANITARY/SEPTIC WASTE MANAGEMENT  
WM-10 LIQUID WASTE MANAGEMENT
- REFER TO THE CASQA BMP HANDBOOK FOR BMP FACT SHEETS.

### LEGEND

- INLET PROTECTION,**  
(SEE D/C17)
- PROPOSED DRAINAGE FLOW**
- FIBER ROLL,**  
(SEE A/C17)
- SILT FENCE**  
(SEE F/C17)

### STORMWATER MANAGEMENT

THE FOLLOWING STANDARD BMPs SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE MONTEREY REGIONAL STORMWATER MANAGEMENT PROGRAM:

- PAINTING:**
1. MINIMIZE USE OF OIL-BASED PAINTS
  2. STORE SOLVENTS AND PAINTS IN ORIGINAL CONTAINERS OR OTHER FIRE MARSHAL APPROVED CONTAINER.
  3. SPENT SOLVENTS ARE HAZARDOUS WASTES. STORE SPENT SOLVENTS IN APPROVED CONTAINERS. REUSE SOLVENTS AS MUCH AS POSSIBLE AND USE PAINTS AS MUCH AS POSSIBLE RATHER THAN DISPOSING OF THEM. DISPOSE OF SPENT SOLVENTS AND UNUSABLE PAINT AS A HAZARDOUS WASTE.
  4. NEVER CLEAN PAINT EQUIPMENT WHERE SOLVENTS, PAINT OR CONTAMINATED RINSE WATER CAN ENTER THE STORM DRAIN SYSTEM.

- PLASTERING/STUCCO/TILING/SITE-MIXED CONCRETE:**
1. STORE PLASTER AND CEMENT IN COVERED AREAS AND KEEP THEM OUT OF THE WIND.
  2. CONSERVE MATERIALS. DON'T MIX MORE PRODUCT THAN CAN BE USED BEFORE IT HARDENS.
  3. IF THERE IS LEFT OVER PRODUCT, PLACE THE EXCESS IN AN EARTHEN DEPRESSION. LET THE PRODUCT CURE AND DISPOSE OF AS REGULAR REFUSE.
  4. ALL RINSE WATER IS TO BE PLACED IN AN EARTHEN DEPRESSION CAPABLE OF HOLDING THE RINSE WATER AS WELL AS ANY RAIN WATER THAT WOULD FALL/RUN INTO THE DEPRESSION.

- READY-MIXED CONCRETE:**
1. HAVE AN EARTHEN DEPRESSION DUG PRIOR TO THE ARRIVAL OF THE READY-MIX TRUCK.
  2. IF A PUMP IS USED, PLACE THE ENTIRE PUMP PRIMING FLUID AND REJECT CONCRETE IN THE DEPRESSION.
  3. PLACE ALL SPILLED CONCRETE AND CHUTE WASH WATER IN THE DEPRESSION.
  4. ALL TRUCK AND PUMP RINSE WATER IS TO BE TAKEN BACK TO THE READY-MIX BATCH PLANT FOR TREATMENT/RECYCLING.
  5. BEFORE CREATING AN EXPOSED AGGREGATE FINISH, CAREFULLY PLAN AND PREPARE TO PREVENT THE SLURRY THAT IS WASHED OFF FROM ENTERING THE STORM DRAIN SYSTEM AND GUTTERS.

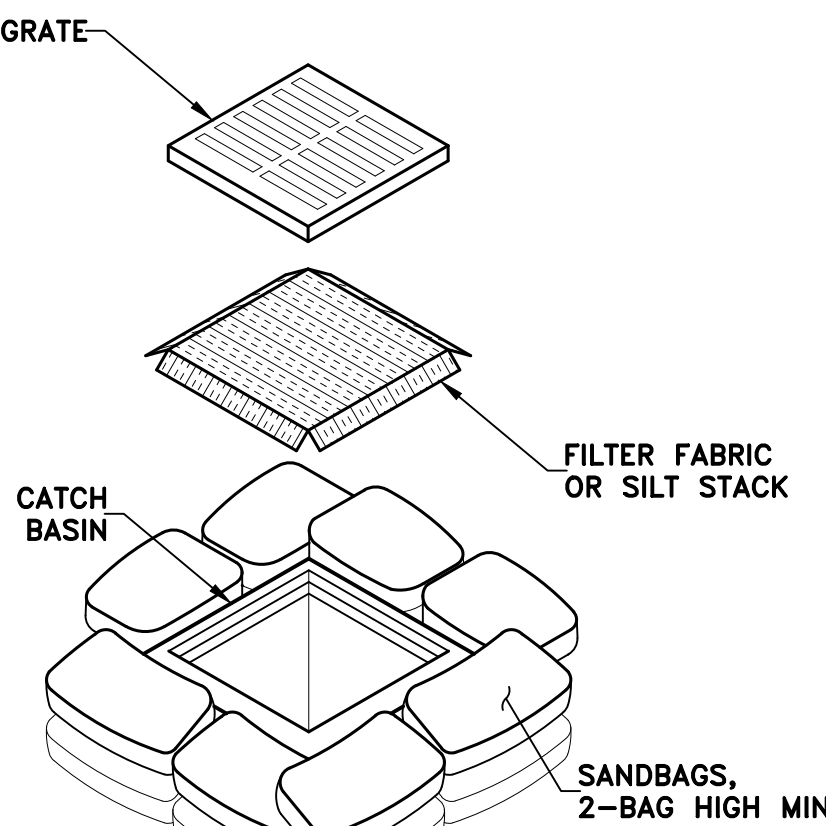
- EARTH MOVING/GRADING:**
1. REMOVE EXISTING VEGETATION ONLY WHEN NECESSARY.
  2. PLANT TEMPORARY VEGETATION WHEN SLOPE HAVE BEEN DISTURBED BUT CONSTRUCTION IS STILL ONGOING DURING PERIODS OF RAIN
  3. PROTECT DOWN SLOPE DRAINAGE COURSES BY RECOGNIZED METHODS SUCH AS THOSE IN THE CASQA HANDBOOK.
  4. USE CHECK DAMS OR DITCHES TO DIVERT WATER AROUND EXCAVATIONS.
  5. COVER STOCKPILES OF EXCAVATED SOIL WITH TARPS.
  6. SCHEDULE GRADING ACTIVITIES DURING DRY PERIODS.

PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO ENSURE ALL NECESSARY SEDIMENT CONTROLS ARE IN PLACE AND THE PROJECT IS COMPLIANT WITH MONTEREY COUNTY REGULATIONS.

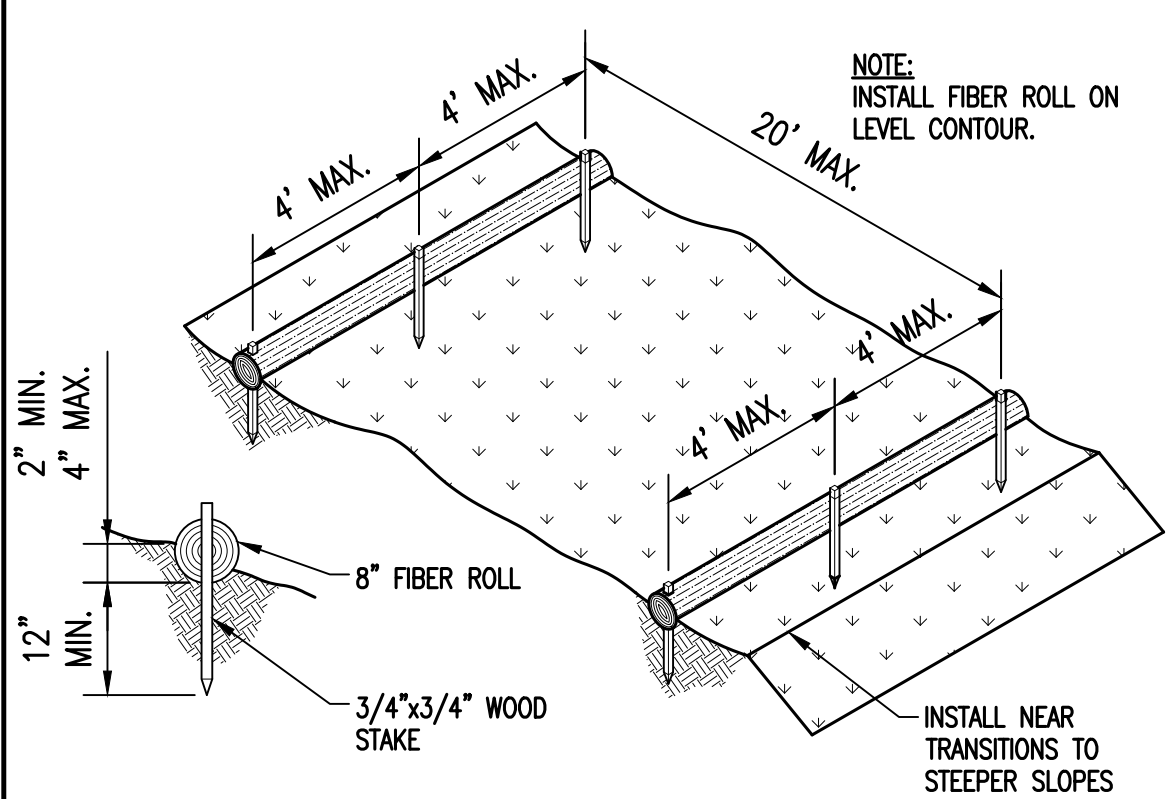
DURING CONSTRUCTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO INSPECT DRAINAGE DEVICE INSTALLATION, REVIEW THE MAINTENANCE AND EFFECTIVENESS OF BMPs INSTALLED, AND TO VERIFY THAT POLLUTANTS OF CONCERN ARE NOT DISCHARGED FROM THE SITE. AT THE TIME OF THE INSPECTION, THE APPLICANT SHALL PROVIDE CERTIFICATION THAT ALL NECESSARY GEOTECHNICAL INSPECTIONS HAVE BEEN COMPLETED TO THAT POINT.

PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO ENSURE THAT ALL DISTURBED AREAS HAVE BEEN STABILIZED AND THAT ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THAT ARE NO LONGER NEEDED HAVE BEEN REMOVED.

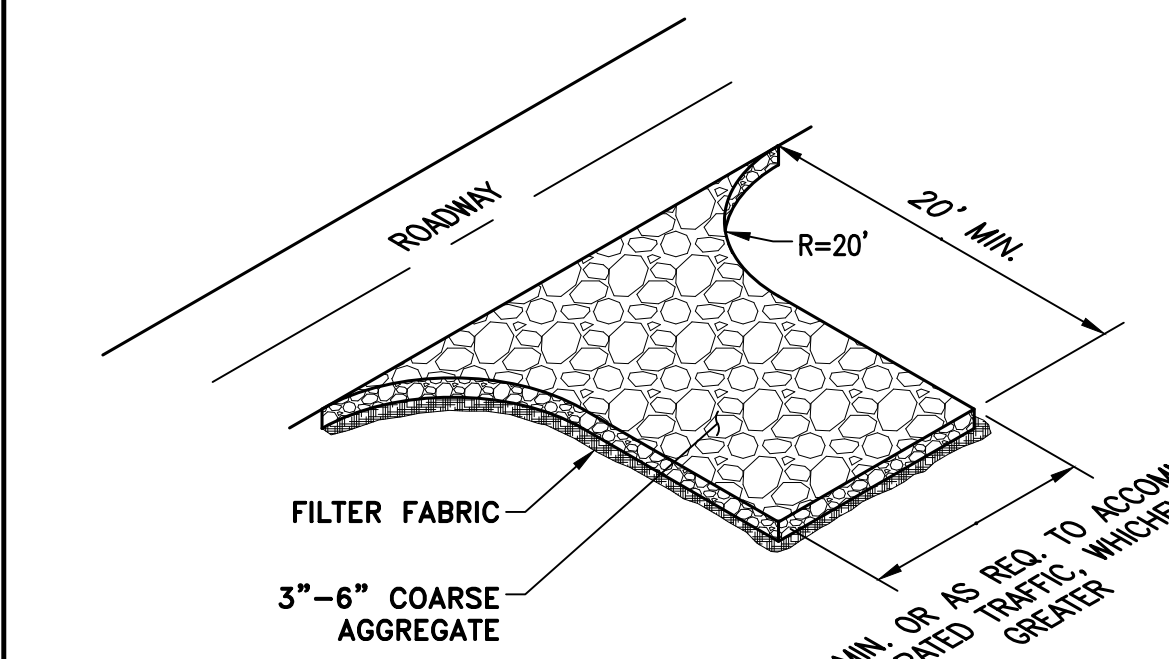
PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL PROVIDE RMA-ENVIRONMENTAL SERVICES A LETTER FROM A LICENSED PRACTITIONER.



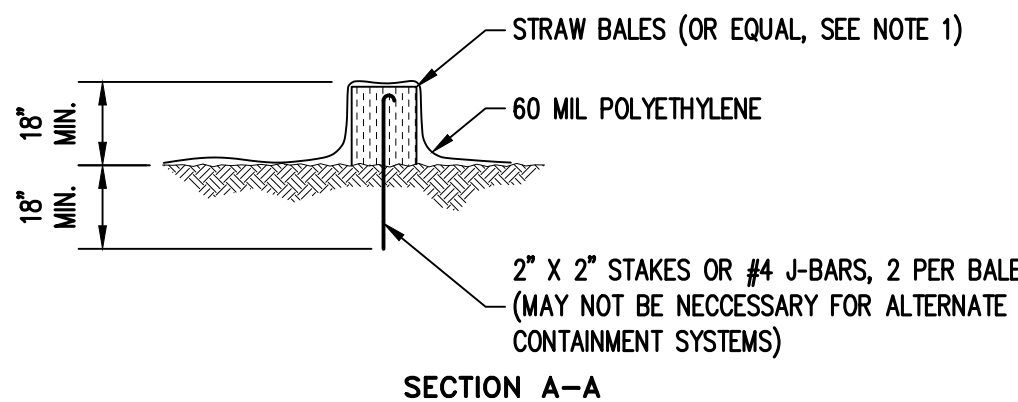
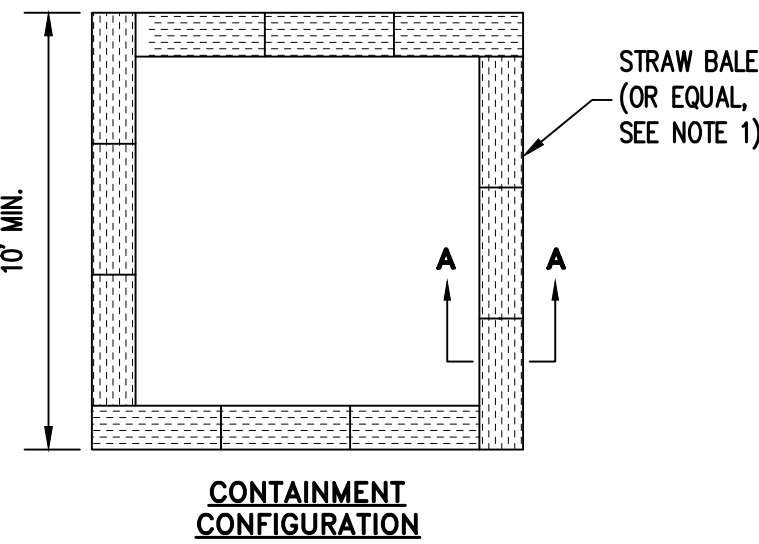
### DROP INLET PROTECTION



### FIBER ROLL



### STABILIZE ENTRANCE

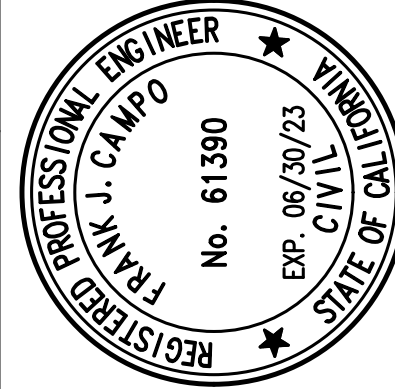


THIS SECTION REMOVED FOR GRAPHICAL REPRESENTATION ONLY. CONTAINMENT PERIMETER SHALL BE CONTINUOUS.

- NOTES:
1. CONTRACTOR MAY FABRICATE OR USE PRE-FAB CONTAINER IN LIEU OF STRAW BAILS.
  2. CONCRETE WASHOUT SHALL BE LOCATED BEHIND CURB AND AWAY FROM DRAINAGE INLETS OR WATERCOURSES

### CONCRETE WASHOUT

**C3 ENGINEERING INCORPORATED**  
Civil Engineering Land Development  
Stormwater Management



**EROSION CONTROL  
MIXED-USE DEVELOPMENT**

Project Location: 139 MILES LANE, WATSONVILLE, CA 95076  
PREPARED FOR: Encompass

SCALE: AS NOTED  
DATE: 03-31-22  
DESIGN BY: FJC  
DRAWN BY: ECH  
CHECKED BY: FJC  
SHEET NUMBER:

**C7**

OF 7 SHEETS  
PROJECT# 118-186