APPENDIX A

SITE PLANS

BATT INSULATION

RIGID INSULATION

PRECAST CONCRETE/STONE (ELEVATIONS)

7-Eleven Convenience & 76 Fuel

WITH LATE NIGHT USE 6211 Santa Teresa Blvd. San Jose, CA 95199



VICINITY MAP W Valley Fwy Palma Sorrento CALERO EDENVALE OAK RIDGE Kaiser Permanente San Santa Teresa Blvd Teresa Boulevard Santa Teresa Blvd Santa Teresa High School ROJECT SITE -Esteban Way LA COLINA Souther Dr. Bertha Taylor Elementary School RANCHO SANTA TERESA

PROJECT CONTACTS

PROJECT APPLICANT 7-Eleven, Inc. 4637 Chabot Drive, Suite 117 Pleasanton, CA 94588

DEVELOPER / DESIGNER Smith Development & Construction Company 7803 Madison Ave.

866-526-4214

Citrus Heights CA, 95610 **CONTACT:** Aleksandr Bool 916-966-7325

CIVIL ENGINEER Mid-Valley Engineering 1117 L Street Modesto, CA 95354 **CONTACT:** Derek Martis

LANDSCAPE ARCHITECT KLA, Inc. 151 N. Norlin Street

Sonora, CA 95370 CONTACT: Tom Holloway 209-532-2856

PROPERTY OWNER Zadco Enterprises, Inc **Kiyoumars Nadersad** P.O. Box 3209 Saratoga, CA 95070

(PLASTER PRECAST- ELEVATIONS)

O.S.B. (ORIENTED STRAND BOARD)

FINISHED WOOD

ROUGH WOOD BLOCKING

ZONING/ CODE STUDY

ZONING: - CP - COMMERCIAL PEDESTRIAN **GENERAL PLAN:**

- NCC

PARKING CALCULATIONS

PARKING REQUIREMENTS:

- MIN 2 SHORT TERM BIKE PARKING REQUIRED

- MIN 1 LONG TERM BIKE PARKING REQUIRED - MIN 1 MOTORCYCLE PARKING REQUIRED

- MIN 16 OFF-STREET PARKING SPACES

PARKING CALCULATION:

(1.0 PARKING SPACE FOR EACH 400 SQUARE FEET OF GROSS FLOOR AREA.)

- 3.056 SF OF FLOOR AREA / 400 = 7.64 SPACES

- TOTAL = 8 SPACES

SCOPE OF WORK

- * REDEVELOPMENT OF EXISTING FUELING STATION * EXPANSION OF EXISTING BUILDING FOR CONVENIENCE USE
- * NEW FUELING TANKS, CANOPY, SIGNAGE, AND LANDSCAPING

PRIOR DEVELOPMENT PERMITS:

* CP84 - 007 * CP84 - 049 * AD09 - 590

* AD06 - 511

* AD00 - 901 * AD98 - 494

SHEET INDEX

Cover Sheet / Sheet Index / Vicinity Map **Preliminary Topography & Demolition Plan**

- Preliminary Grading Plan

Preliminary Storm Drainage Plan **Preliminary Stormwater Control Plan**

Preliminary Stormwater Control Details & Notes Preliminary Stormwater Control Numeric Sizing Calcs

Preliminary Landscape Plan

- Preliminary Landscape Elevations

ARCHITECTURAL

 Architectural Site Plan - Fire Access Site Plan - Floor Plan

Elevations (Store) Elevations (Fuel) Color Elevations (Store)

Color Elevations (Fuel) - Material Board

SIGNAGE

- Proposed Signage Plan - Proposed Signage Elevations

PHOTOMETRICS

- Proposed Photometric Site Plan

- Proposed Photometric Schedules

PROJECT INFORMATION

SITE INFORMATION

PROJECT ADDRESS: 6211 Santa Teresa Blvd. **San Jose, CA 95199**

704-01-007

LOT SIZE: ± 20,460 SF ± 150' x 140' LOT WIDTH:

FLOOR AREA RATIO: 0.149 **BUILDING FOOTPRINT:** ± 3,056 SF LANDSCAPE AREA: ± 3,620 SF

LANDSCAPE COVERAGE: ± 17.6%

PARKING INFORMATION

ADA PARKING -1 SPACE STANDARD PARKING -**6 SPACES** 8 SPACES **FUEL PARKING -TOTAL PARKING -**15 SPACES 8 SPACES - REQUIRED PARKING -1 SPACE **MOTORCYCLE PARKING -LONG-TERM BIKE PARKING -**1 SPACE 2 SPACES SHORT-TERM BIKE PARKING-

BUILDING INFORMATION:

20'-6" (1-LEVEL) **BUILDING HEIGHT: BUILDING OCCUPANCY: CONSTRUCTION TYPE:** V-B **SPRINKLERED** NO

AREA CALCULATIONS

TRASH ENCLOSURE

MERCHANDISE 1608 SF **SALES** 808 SF STORAGE/ BACK ROOM OFFICE 70 SF RESTROOM 202 SF **BUILDING TOTAL** 3,056 SF

175 SF



SDCC

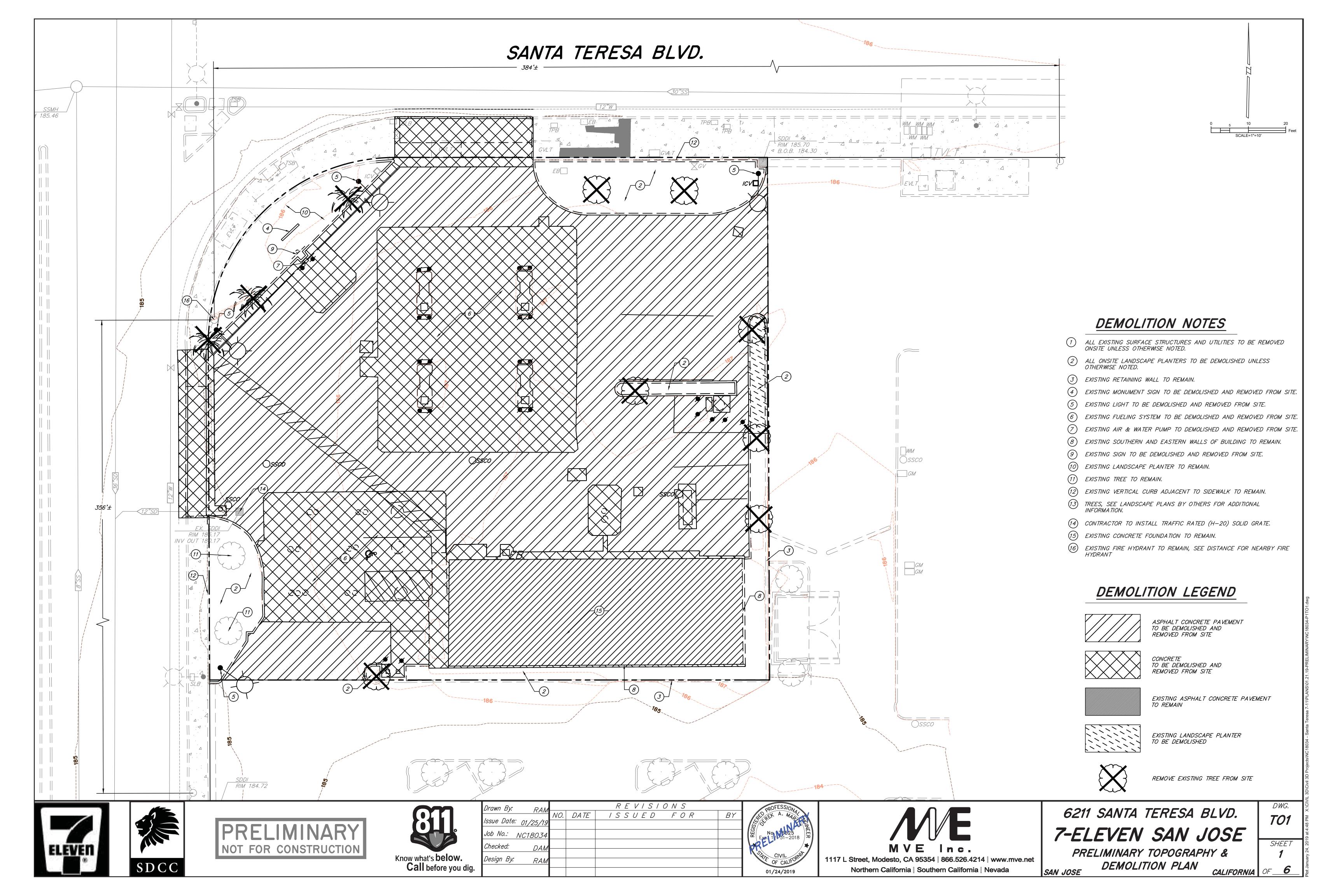
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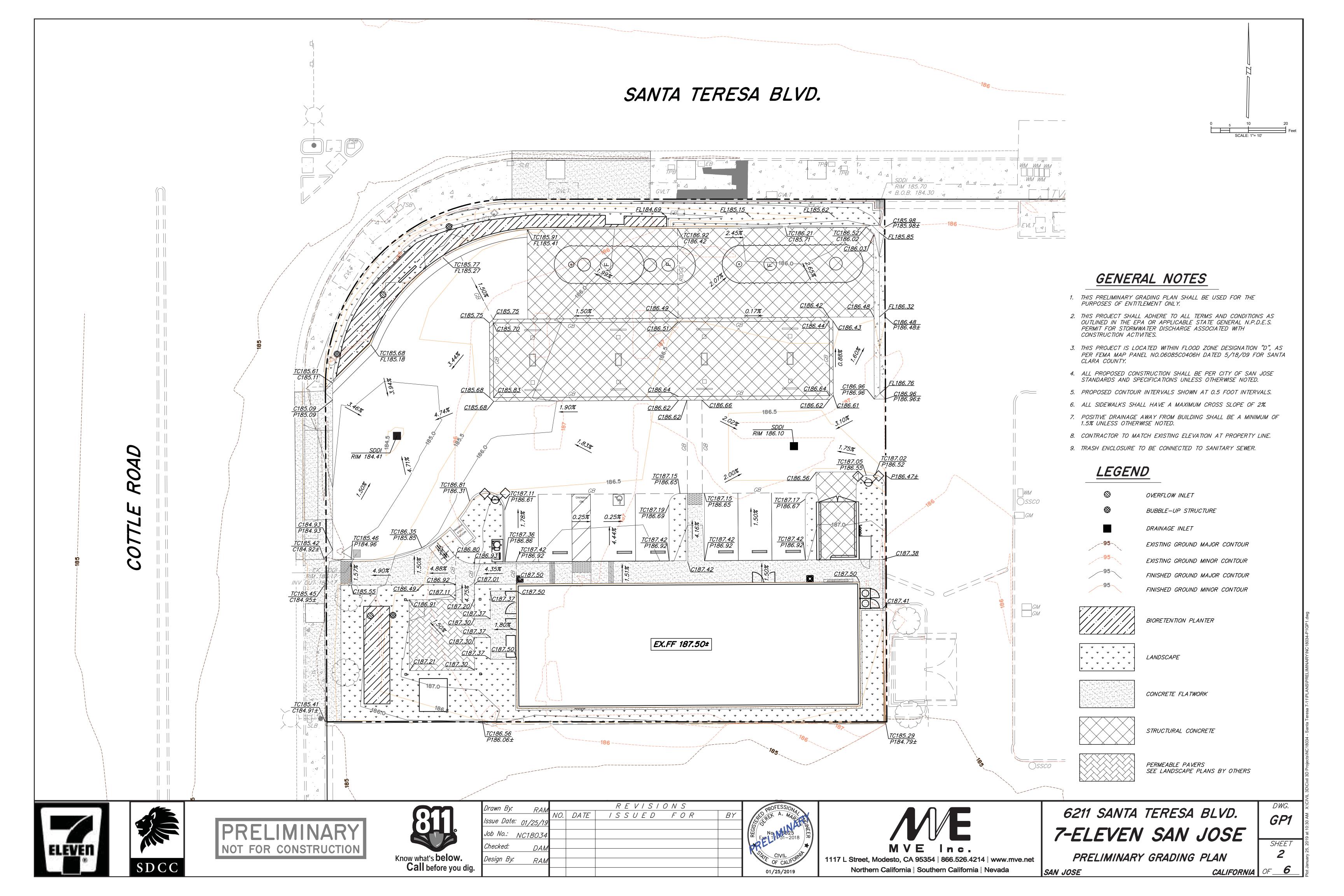
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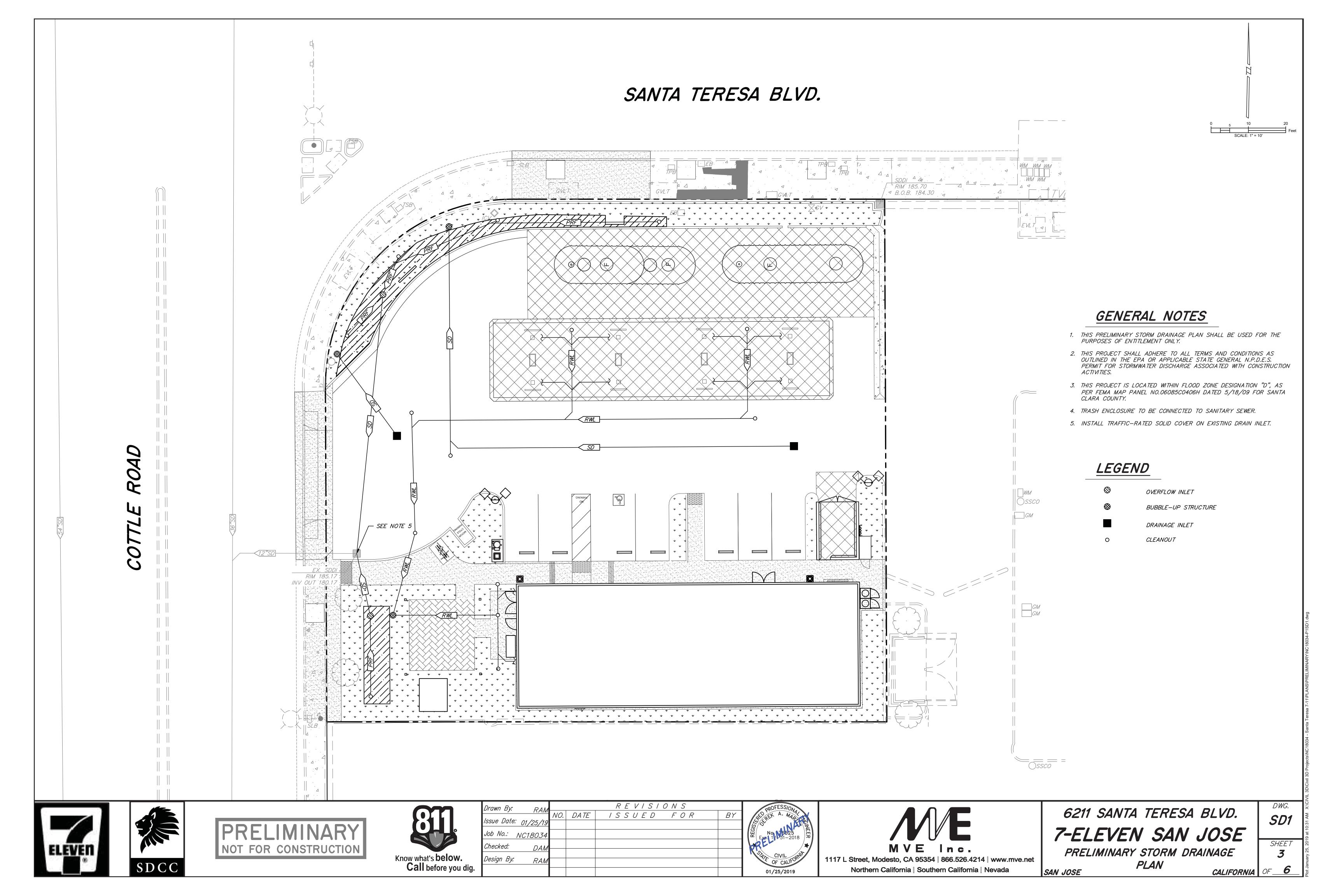
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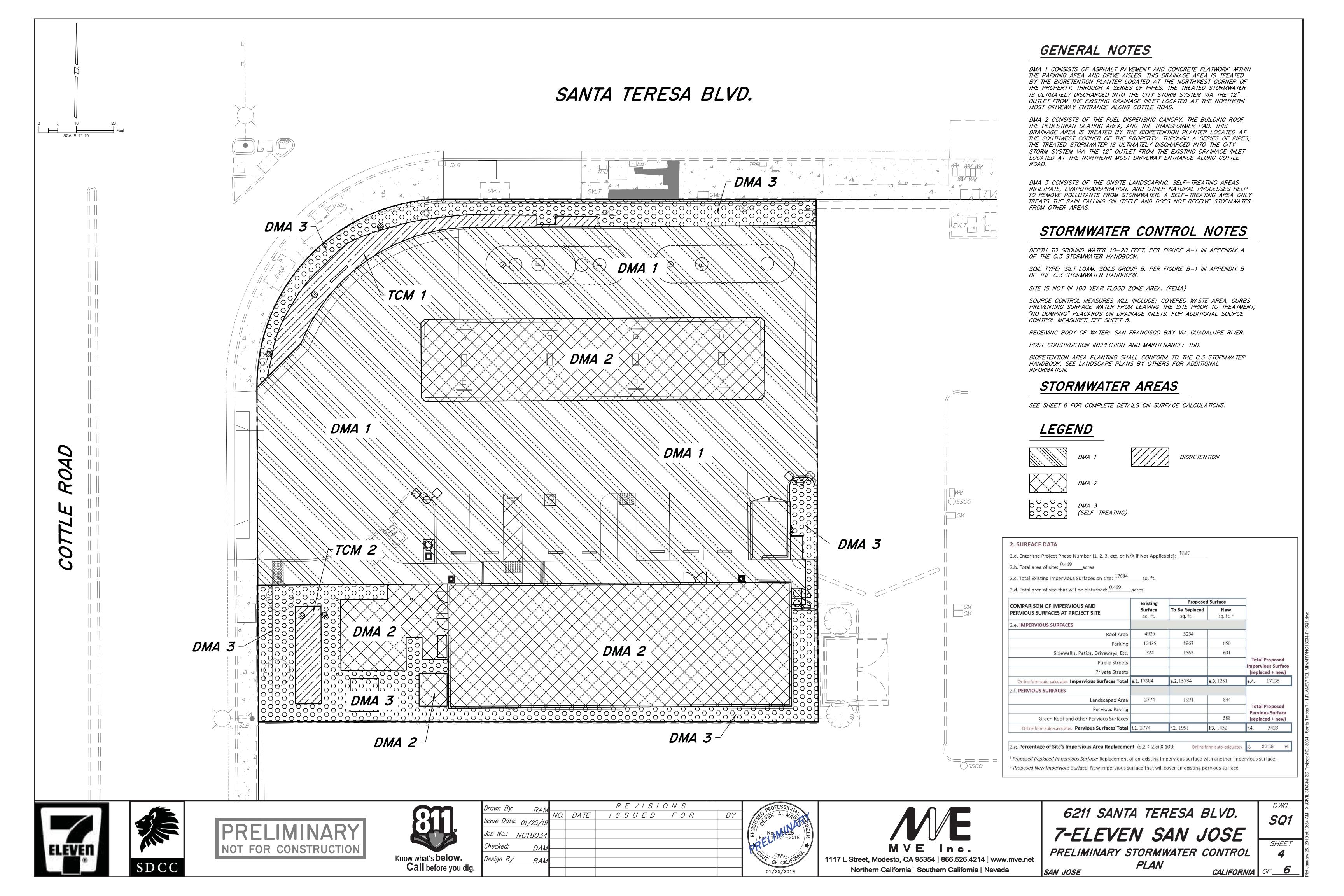
TITLE

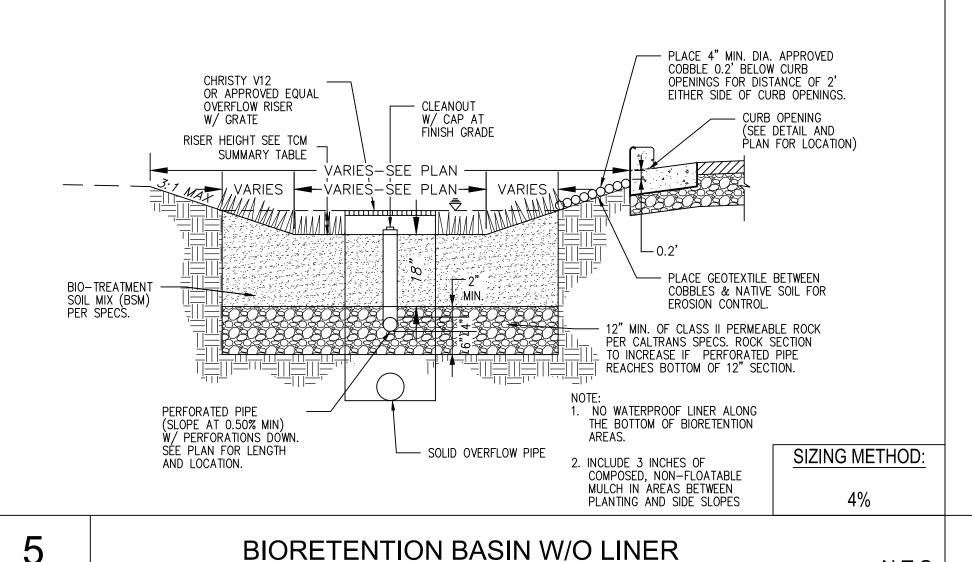
SHEET



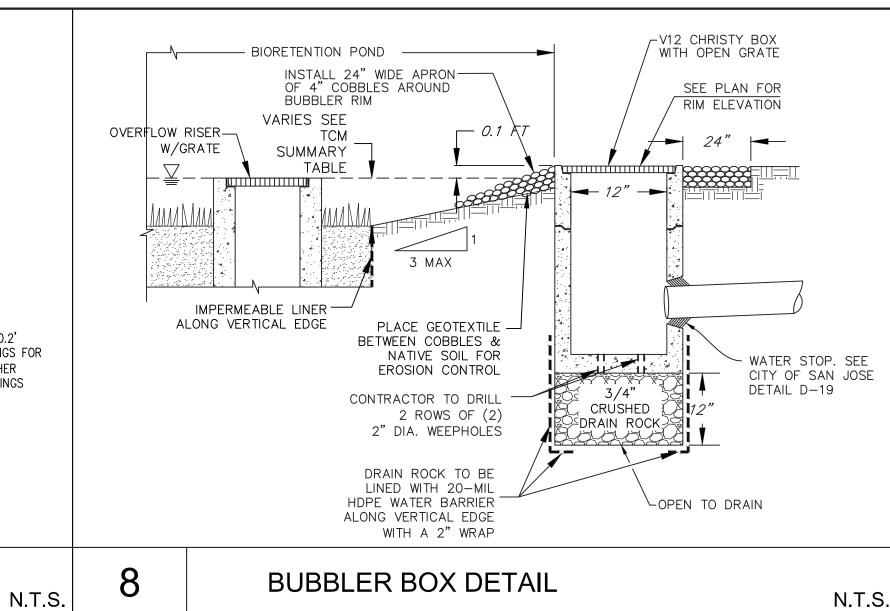


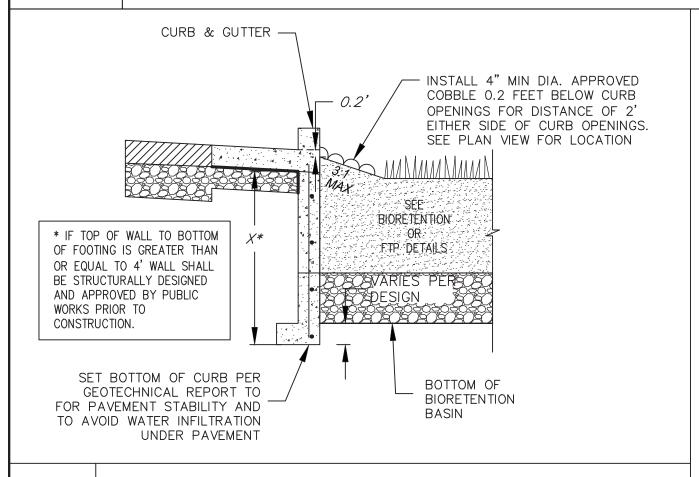






18" OPENING PLAN VIEW PLACE 4" MIN. DIA. APPROVED COBBLE 0.2' BELOW CURB OPENINGS FOR DISTANCE OF 2' EITHER SIDE OF CURB OPENINGS BIORETENTION SLOPE TO DRAIN TOWARDS FTP DETAILS BIORETENTION / FTP SECTION VIEW **CURB OPENING**





CURB ADJACENT TO BIORETENTION

| | ROUTINE MAINTENANCE ACTIVITIES FOR BIORETENTION AREAS | | | | | | | | | | |
|-----|---|---|--|--|--|--|--|--|--|--|--|
| NO. | MAINTENANCE TASK | FREQUENCY OF TASK | | | | | | | | | |
| 1 | REMOVE OBSTRUCTIONS, WEEDS, DEBRIS AND TRASH FROM BIORETENTION AREA AND ITS INLETS AND OUTLETS; AND DISPOSE OF PROPERLY. | QUARTERLY, OR AS NEEDED AFTER STORM EVENTS | | | | | | | | | |
| 2 | INSPECT BIORETENTION AREA FOR STANDING WATER. IF STANDING WATER DOES NOT DRAIN WITHIN 2-3 DAYS, TILL AND REPLACE THE SURFACE BIOTREATMENT SOIL WITH THE APPROVED SOIL MIX AND REPLANT. | QUARTERLY, OR AS NEEDED AFTER STORM EVENTS | | | | | | | | | |
| 3 | CHECK UNDERDRAINS FOR CLOGGING. USE THE CLEANOUT RISER TO CLEAN ANY CLOGGED UNDERDRAINS. | QUARTERLY, OR AS NEEDED AFTER STORM EVENTS | | | | | | | | | |
| 4 | MAINTAIN THE IRRIGATION SYSTEM AND ENSURE THAT PLANTS ARE RECEIVING THE CORRECT AMOUNT OF WATER (IF APPLICABLE). | QUARTERLY | | | | | | | | | |
| 5 | ENSURE THAT THE VEGETATION IS HEALTHY AND DENSE ENOUGH TO PROVIDE FILTERING AND PROTECT SOILS FROM EROSION. PRUNE AND WEED THE BIORETENTION AREA. REMOVE AND/OR REPLACE ANY DEAD PLANTS. | ANNUALLY, BEFORE THE WET SEASON BEGINS | | | | | | | | | |
| 6 | USE COMPOST AND OTHER NATURAL SOIL AMENDMENTS AND FERTILIZERS INSTEAD OF SYNTHETIC FERTILIZERS, ESPECIALLY IF THE SYSTEM USES AN UNDERDRAIN. | ANNUALLY, BEFORE THE WET SEASON BEGINS | | | | | | | | | |
| 7 | CHECK THAT MULCH IS AT APPROPRIATE DEPTH (2 - 3 INCHES PER SOIL SPECIFICATIONS) AND REPLENISH AS NECESSARY BEFORE WET SEASON BEGINS. IT IS RECOMMENDED THAT 2" – 3" OF ARBOR MULCH BE REAPPLIED EVERY YEAR. | ANNUALLY, BEFORE THE WET SEASON BEGINS | | | | | | | | | |
| 8 | INSPECT THE ENERGY DISSIPATION AT THE INLET TO ENSURE IT IS FUNCTIONING ADEQUATELY, AND THAT THERE IS NO SCOUR OF THE SURFACE MULCH. REMOVE ACCUMULATED SEDIMENT. | ANNUALLY, BEFORE THE WET SEASON BEGINS | | | | | | | | | |
| 9 | INSPECT OVERFLOW PIPE TO ENSURE THAT IT CAN SAFELY CONVEY EXCESS FLOWS TO A STORM DRAIN. REPAIR OR REPLACE DAMAGED PIPING. | - ANNUALLY, BEFORE THE WET | | | | | | | | | |
| 10 | REPLACE BIOTREATMENT SOIL AND MULCH, IF NEEDED. CHECK FOR STANDING WATER, STRUCTURAL FAILURE AND CLOGGED OVERFLOWS. REMOVE TRASH AND DEBRIS. REPLACE DEAD PLANTS. | SEASON BEGINS | | | | | | | | | |
| 11 | INSPECT BIORETENTION AREA USING THE ATTACHED INSPECTION CHECKLIST. | ANNUALLY, BEFORE THE WET SEASON | | | | | | | | | |

TABLE 1

SOURCE CONTROL MEASURES:

N.T.S.

- 1. CONNECT THE FOLLOWING FEATURES TO SANITARY SEWER: a. COVERED TRASH/ RECYCLING ENCLOSURES.

- 2. SERVICE STATIONS/ FUELING AREAS (MUST INCLUDE ALL FOUR
- a. GRADE FUELING AREAS TO PREVENT PONDING.

A GRADE BREAKS THAT PREVENT RUN-ON.

- b. USE CONCRETE FOR THE FUEL AREA SURFACE. c. SEPARATE THE FUELING AREA FROM THE REST OF THE SITE BY
- d. COVER THE FUELING AREAS WITH A CANOPY EXTENDING A
- MINIMUM OF TEN FEET FROM EACH PUMP. 3. INDUSTRIAL, OUTDOOR MATERIAL STORAGE, AND RECYCLING

- 4. BENEFICIAL LANDSCAPING.
- 5. USE OF WATER EFFICIENT IRRIGATION SYSTEMS. 6. MAINTENANCE (PAVEMENT SWEEPING, CATCH BASIN CLEANING, GOOD HOUSEKEEPING).
- STORM DRAIN LABELING. 8. OTHER:

OPERATION AND MAINTENANCE INFORMATION:

PROPERTY INFORMATION:

- I.A. PROPERTY ADDRESS: <u>6211 SANTA TERESA BLVD.</u>
- SAN JOSE, CA 95119
- I.B. PROPERTY OWNER: ZADCO ENTERPRISES INC.
- II. RESPONSIBLE PARTY FOR MAINTENANCE:
- II.A. CONTACT:
- MICHELLE SCOTT
- II.B. PHONE NUMBER OF CONTACT: (972) 828–4281
- II.C. EMAIL: MICHELLE.SCOTT@7-11.COM

<u>SAN JOSE, CA 95119</u>

II.D. ADDRESS: 6211 SANTA TERESA BLVD.

PROJECT SITE INFORMATION:

- 1. SOILS TYPE: S/LT LOAM, SO/LS GROUP B
- 2. GROUND WATER DEPTH: <u>10-20 FEET</u>
- 3. NAME OF RECEIVING BODY: <u>SAN_FRANCISCO_SOUTH_BAY</u>
- 4. FLOOD ZONE: <u>ZONE "D", FEMA PANEL #06085C0406H</u>
- 5. FLOOD ELEVATION (IF APPLICABLE): N/A

SITE DESIGN MEASURES:

- 5. LANDSCAPING
- a. PARKING STALLS.
- b. WALKWAYS AND PATIOS.
- c. EMERGENCY VEHICLE ACCESS. d. PRIVATE STREETS AND SIDEWALKS.
- 6. DIRECT RUNOFF FROM ROOFS, SIDEWALKS, PATIOS TO

LANDSCAPED AREAS.

- 8. PLANT TREES ADJACENT TO AND IN PARKING AREAS AND ADJACENT TO OTHER IMPERVIOUS AREAS. 9. PARKING:
- a. ON TOP OF OR UNDER BUILDINGS
- b. NOT PROVIDED IN EXCESS OF CODE.

- OTHER:

STANDARD STORMWATER CONTROL NOTES:

BIOTREATMENT SOIL REQUIREMENTS

REQUIREMENTS AS OUTLINED IN APPENDIX C OF

THE C.3 STORM WATER HANDBOOK AND SHALL BE A MIXTURE OF FINE SAND AND COMPOST MEASURED ON A VOLUME BASIS OF 60-70% SAND AND 30-40% COMPOST. CONTRACTOR TO REFER TO APPENDIX C FOR SAND AND COMPOST MATERIAL SPECIFICATIONS. CONTRACTOR MAY OBTAIN A COPY OF THE C3 HANDBOOK AT:

HTTP://WWW.SANJOSECA.GOV/INDEX.ASPX?NID=1761

BIORETENTION & FLOW-THROUGH PLANTER NOTES:

SEE GRADING PLAN FOR BASIN FOOTPRINT AND DESIGN

AREAS BETWEEN STORMWATER PLANTINGS.

IRRIGATION REQUIREMENTS

FINISHED GRADE.

LOOSEN SOIL TO 12" DEPTH.

PLACE 3 INCHES OF COMPOSTED, NON-FLOATABLE MULCH IN

SEE LANDSCAPE PLAN FOR MULCH, PLANT MATERIALS AND

4. CURB CUTS SHALL BE A MINIMUM 18" WIDE AND SPACED AT

NOT BE PLACED INLINE WITH OVERFLOW CATCH BASIN. SEE

5. A MINIMUM 0.2' DROP BETWEEN STORM WATER ENTRY POINT (I.E.

6. DO NOT COMPACT NATIVE SOIL / SUBGRADE AT BOTTOM OF BASIN.

STORMWATER TO DRAIN INTO THE BASIN. CURB CUTS SHALL ALSO

GRADING PLAN FOR MORE DETAIL ON LOCATIONS OF CURB CUTS.

CURB OPENING, FLUSH CURB, ETC.) AND ADJACENT LANDSCAPE

MAXIMUM 10' O.C. INTERVALS AND SLOPED TO DIRECT

PRIOR TO ORDERING THE BIOTREATMENT SOIL MIX OR DELIVERY TO THE PROJECT SITE,

TESTING LAB.

ELEVATIONS.

CONTRACTOR SHALL PROVIDE A BIOTREATMENT SOIL MIX SPECIFICATION CHECKLIST, COMPLETED BY THE SOIL MIX SUPPLIER AND CERTIFIED

BIORETENTION SOIL MIX SHALL MEET THE

- STANDING WATER SHALL NOT REMAIN IN THE TREATMENT MEASURES FOR MORE THAN FIVE DAYS, TO PREVENT MOSQUITO GENERATION. SHOULD ANY MOSQUITO ISSUES ARISE, CONTACT THE SANTA CLARA VALLEY VECTOR CONTROL DISTRICT (DISTRICT). MOSQUITO LARVICIDES SHALL BE APPLIED ONLY WHEN ABSOLUTELY NECESSARY, AS INDICATED BY THE DISTRICT, AND THEN ONLY BY A LICENSED PROFESSIONAL OR CONTRACTOR. CONTACT INFORMATION FOR THE DISTRICT IS PROVIDED BELOW.
- DO NOT USE PESTICIDES OR OTHER CHEMICAL APPLICATIONS TO TREAT DISEASED PLANTS, CONTROL WEEDS OR REMOVED UNWANTED GROWTH. EMPLOY NON-CHEMICAL CONTROLS (BIOLOGICAL, PHYSICAL AND CULTURAL CONTROLS) TO TREAT A PEST PROBLEM. PRUNE PLANTS PROPERLY AND AT THE APPROPRIATE TIME OF YEAR. PROVIDE ADEQUATE IRRIGATION FOR LANDSCAPE PLANTS. DO NOT OVER WATER.

SAN JOSE









| Drawn By: RAM $NO.$ DATE $ISSUED$ FOR $ISSUED$ | BY |
|--|----|
| Issue Date: 01/25/19 NO. DATE ISSUED FOR | BY |
| Issue Date: 01/25/19 | |
| 3.7.237.13 | 1 |
| Job No.: NC18034 | |
| Checked: DAM | |
| Design By: RAM | |
| dig. | |
| 9· | |





1117 L Street, Modesto, CA 95354 | 866.526.4214 | www.mve.net Northern California | Southern California | Nevada

6211 SANTA TERESA BLVD. 7-ELEVEN SAN JOSE PRELIMINARY STORMWATER CONTROL

DETAILS & NOTES

SQ2 SHEET

CALIFORNIA OF 6

| | SIZING | FOR VOLUME | BASED TR | REATMENT | | |
|--|--|--|--|-------------------------|-------------------|--|
| DMA# | 1 | | | | | |
| A= | 11325 | s.f. | | | | |
| Impervious Area = | 11325 | s.f. | % Impervio | usness= 100.00% | | |
| MAPsite = | 16.5 | Corr | ection Factor= | 1 1871 | | |
| MAPgage = | 13.9 | 0011 | conomi dotor | 1.1071 | | |
| Clay (D): | | ndy Clay (D): | Clay L | .oam (D): | | |
| Silt Loam/Loam (B): | x | Not Applica | able (100% lmp | pervious): | | |
| Are the soils outside the build | ing footprint no | ot graded/compacted | ? | Yes | Yes/No | |
| If no, and the soil will be comp | acted during s | site preperation and o | rading the soil | ls infiltration | | |
| ability will be decresed. Modif | | Control of the Contro | The state of the s | | y) | |
| Modified Soil Type: | | | | | ., | |
| 0- 2.000/ | | | | | | |
| S= 2.00% | S Volume for | 1% Slope (UBS1%) = | 0.58 | inches (Use Figure E | 3-2) | |
| | | % Slope (UBS15%) = | | inches (Use Figure E | (Z) | |
| | | | |] | , | |
| UBSV | olume for X% | % Slope (UBSX%) = | 0.58142857 | inches (Corrected SI | lope for the site |) |
| Adjusted UBS = Corre | ection Factor | (Step 2) x UBSx% (St | ep 5) | | | |
| Adjusted UBS = | 0.690185 i | nches | | | | |
| Design Volume = Adju | | | a (Step 1) x 1ft/ | 12inch | | |
| _ | | . / | , , | | | |
| Design Volume = | 651.36 | f^3 | | | | |
| COM | IBO FLOV | V & VOLUME BI | ORETENTI | ON CALCULATION | ON | |
| | age Area = | 11,325 sq. ft | | | | |
| | ious Area = | 11,325 sq. ft | | | | |
| 1577 7.3007 | vious Area = | 0 sq. ft | Total Eas | uivalent Impenieus - | 11,325 | o f |
| Equivalent Imper Rainfall intensity = | 0.2 i | 0 sq. ft | iotai⊑q | uivalent Impervious = | 11,325 | sq. 1L |
| | | (Step 6) / Rainfall Inte | ensity | | | |
| Duration = | 3.450925 | | | | | |
| , | | | | | | |
| Estimate the Sur | face Area = | 335 sq. ft | (Typically star | t with Total Impervious | s x 0.03) | |
| Volume of Trea | _ | 481.69161 cu. ft | | | | |
| Volume in Por | _ | 169.67048 cu. ft | | | | Walt 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| Depth o | of Ponding = | 0.506479 ft | | Depth of Ponding = | | nches Round up) |
| If Depth of Ponding is less tha | _ | | | | | |
| If Depth of Ponding is greater | and the property of the proper | | The same of the sa | | | |
| If Depth of Ponding is betwee | n 6" to 12" this | s is the range allowab | le for bioretenti | on of flow through pla | nters. | |

| | SIZIN | G FOR VOLUME | BASED TREATME | NT | | | | | | | |
|--|--|--|--|------------------------------------|----------------------|--|--|--|--|--|--|
| DMA# | 2 | | | | | | | | | | |
| A= | 5698 | The state of the s | | | | | | | | | |
| Impervious Area = | 5698 | s.f. | % Imperviousness= | 100.00% | | | | | | | |
| MAPsite = | 16.5 | Cor | rection Factor= 1.1871 | | i | | | | | | |
| MAPgage = | 13.9 | 2 | | | | | | | | | |
| Clay (D): | Sa | indy Clay (D): | Clay Loam (D): | | | | | | | | |
| Silt Loam/Loam (B): | х | Not Applic | able (100% Impervious): | | | | | | | | |
| Are the soils outside the build | ling footprint i | not graded/compacted | ? | Yes/No | | | | | | | |
| If no, and the soil will be comp | acted during | site preparation and o | rading the soils infiltration | 1 | | | | | | | |
| ability will be decresed. Modi | The state of the s | The state of the s | The state of the s | | | | | | | | |
| Modified Soil Type: | iy your anowe | | mination rate (eg. on Ec | outil to Glay) | | | | | | | |
| | | I. | | | | | | | | | |
| S= 2.65% | | | | | | | | | | | |
| | | 1% Slope (UBS1%) = | | se Figure B-2) | | | | | | | |
| UBS | Volume for 15 | 5% Slope (UBS15%) = | 0.6 inches (Us | se Figure B-5) | | | | | | | |
| UBS | /olume for X | (% Slope (UBSX%) = | 0.58235714 inches (Co | orrected Slope for the s | site) | | | | | | |
| | | (Step 2) x UBSx% (S | | officered clope for the c | , i.e., | | | | | | |
| | | | . , | | | | | | | | |
| Adjusted UBS = | | | | | | | | | | | |
| Design Vol <mark>u</mark> me = Adj | usted UBS (S | Step 6) x Drainage Are | a (Step 1) x 1ft/12inch | | | | | | | | |
| Design Volume = | 328.25 | ft^3 | | | | | | | | | |
| | | COMBO FLOW & VOLUME BIORETENTION CALCULATION | | | | | | | | | |
| | | | ORETENTION CAL | CULATION |). | | | | | | |
| Total Drai | nage Area = | 5,698 sq. ft | ORETENTION CAL | CULATION | | | | | | | |
| | nage Area = vious Area = | V | ORETENTION CAL | CULATION | | | | | | | |
| Imper | | 5,698 sq. ft 5,698 sq. ft | ORETENTION CAL | CULATION | | | | | | | |
| Imper | vious Area = vious Area = | 5,698 sq. ft 5,698 sq. ft 0 sq. ft | Total Equivalent Imp | | 98 sq. ft | | | | | | |
| lmper Per Equivalent Imper Rainfall intensity = | vious Area = rvious Area = rvious Area = 0.2 | 5,698 sq. ft 5,698 sq. ft 0 sq. ft in/hr | Total Equivalent Imp | | 8 sq. ft | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = | vious Area = rvious Area = rvious Area = 0.2 Adjusted UBS | 5,698 sq. ft 5,698 sq. ft 0 sq. ft 0 sq. ft in/hr 6 (Step 6) / Rainfall Inte | Total Equivalent Imp | | 98 sq. ft | | | | | | |
| lmper Per Equivalent Imper Rainfall intensity = | vious Area = rvious Area = rvious Area = 0.2 | 5,698 sq. ft 5,698 sq. ft 0 sq. ft 0 sq. ft in/hr 6 (Step 6) / Rainfall Inte | Total Equivalent Imp | | 98 sq. ft | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = | vious Area = rvious Area = rvious Area = 0.2 Adjusted UBS 3.4564363 | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 9 sq. ft 10 sq. ft | Total Equivalent Imp ensity | pervious = 5,69 | 98 sq. ft | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = Estimate the Su | vious Area = rvious Area = rvious Area = 0.2 Adjusted UBS 3.4564363 rface Area = | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 0 sq. ft in/hr 6 (Step 6) / Rainfall Inte | Total Equivalent Imp | pervious = 5,69 | 98 sq. ft | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = Estimate the Su Volume of Trea | vious Area = rvious Area = rvious Area = 0.2 Adjusted UBS 3.4564363 rface Area = ated Runoff = | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 170 sq. ft 244.8309 sq. ft 5,698 sq. ft sq. ft sq. ft sq. ft cu. ft | Total Equivalent Imp ensity | pervious = 5,69 | 98 sq. ft | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = Estimate the Su Volume of Trea | vious Area = rvious Area = rvious Area = rvious Area = 0.2 Adjusted UBS 3.4564363 rface Area = ated Runoff = nding Area = | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 10 sq. ft 5 (Step 6) / Rainfall Interpretation 170 sq. ft 244.8309 sq. ft 244.8309 sq. ft 245.8309 cu. ft 83.415329 cu. ft | Total Equivalent Impensity (Typically start with Total | bervious = 5,69 Impervious x 0.03) | | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = Estimate the Su Volume of Trea | vious Area = rvious Area = rvious Area = 0.2 Adjusted UBS 3.4564363 rface Area = ated Runoff = | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 10 sq. ft 5 (Step 6) / Rainfall Interpretation 170 sq. ft 244.8309 sq. ft 244.8309 sq. ft 245.8309 cu. ft 83.415329 cu. ft | Total Equivalent Impensity (Typically start with Total | pervious = 5,69 | inches (Round up) | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = Estimate the Su Volume of Trea | vious Area = rvious Area = rvi | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 10 sq. ft 5 (Step 6) / Rainfall Interpretation 170 sq. ft 244.8309 sq. ft cu. ft 0.4906784 ft | Total Equivalent Impensity (Typically start with Total | mpervious x 0.03) Ponding = 5.9 | inches | | | | | | |
| Imper Per Equivalent Imper Rainfall intensity = Duration = Duration = Estimate the Su Volume of Trea Volume in Po Depth | vious Area = rvious Area = rvi | 5,698 sq. ft 5,698 sq. ft 9 sq. ft 10 sq. ft 5,698 sq. ft sq. ft sq. ft sq. ft sq. ft sq. ft cu. ft 244.8309 83.415329 0.4906784 ft | Total Equivalent Impensity (Typically start with Total Depth of I | mpervious x 0.03) Ponding = 5.9 | inches | | | | | | |

| DMA | TCM# | Treatment Type | Drainage Area (s.f.) | Impervious Area (s.f.) | Pervious Area (s.f.) | Bioretention Area Provided (s.f.) | Bioretention Area Required (s.f.) | Bioretention Lined or Unlined | Overflow Riser Height (in) | Storage Depth Required (ft) | Storage Depth Provided (ft) | # of Cartridges Required | # of Cartridges Provided | Media Type | Cartridge Height (inches) | # of Credit Trees | Treatment Credit (s.f.) | Location |
|-----|------|---|----------------------------|------------------------------|----------------------------|---|---|-------------------------------------|----------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|---------------|---------------------------------|-------------------------|-------------------------------|----------|
| 1 | 1 | BIORETENTION | 11,325 | 11,325 | 0 | 449 | 335 | Unlined | 6.0 | 0.50 | 0.50 | N/A | N/A | N/A | N/A | N/A | N/A | Onsite |
| 2 | 2 | BIORETENTION | 5,698 | 5,698 | 0 | 181 | 170 | Unlined | 6.0 | 0.50 | 0.50 | N/A | N/A | N/A | N/A | N/A | N/A | Onsite |
| 3 | N/A | SELF-TREATING | 2,777 | 0 | 2,777 | N/A | N/A | Unlined | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Onsite |
| | | Totals: | 20,430 | 17,023 | 2,777 | 630 | | | | | | | | | | | | |
| | | on Area Required cal the C3 Stormwater H | | | | sidewalk along | an exisiting road | way are exem | pt from Provis | ion C.3.c of | the Municipal | Stormwater Pe | ermit. | | | | | |









| | Drawn By: | RAM | REVISIONS | | | | | | | | |
|-------------|----------------|-------|-----------|------|-----|-----|-----|----|--|--|--|
| | Issue Date: 01 | | NO. | DATE | 155 | UED | FOR | BY | | | |
| | · | 18034 | | | | | | | | | |
| | Checked: | DAM | | | | | | | | | |
| elow. | Design By: | RAM | | | | | | | | | |
| re you dig. | | - 1 | | | | | | | | | |





IVI V E I N C .
7 L Street, Modesto, CA 95354 | 866.526.4214 | www.mve.net
Northern California | Southern California | Nevada

6211 SANTA TERESA BLVD.

7-ELEVEN SAN JOSE

PRELIMINARY STORMWATER CONTROL

SQ3

PRELIMINARY STORMWATER CONTROL

NUMERIC SIZING CALCULATIONS
SAN JOSE

CALIFORNIA

OF 6

PROJECT NOTES

6211 Santa Teresa Blvd APN: 704-01-007 PROPOSED SITE AREA: $\pm 20,460$ SF = .47 acres ±2,239 SF -(E) BUILDING AREA: ±817 SF -ADDITIONAL AREA: TOTAL BUILDING AREA: $\pm 3,056$ SF = 14.9% $\pm 175 \text{ SF} = 0.9\%$ TRASH ENCLOSURE OUTDOOR PATIO AREA $\pm 330 \text{ SF} = 1.6\%$ LANDSCAPE: $\pm 3,620 \text{ SF} = 17.6\%$ ADA PARKING -1 SPACES COMPACT PARKING -O SPACES STANDARD PARKING -6 SPACES FUEL PARKING -8 SPACES TOTAL PARKING – 15 SPACES MOTORCYCLE PARKING - 1 SPACE LONG-TERM BIKE PARKING - 1 SPACE SHORT-TERM BIKE PARKING - 2 SPACES

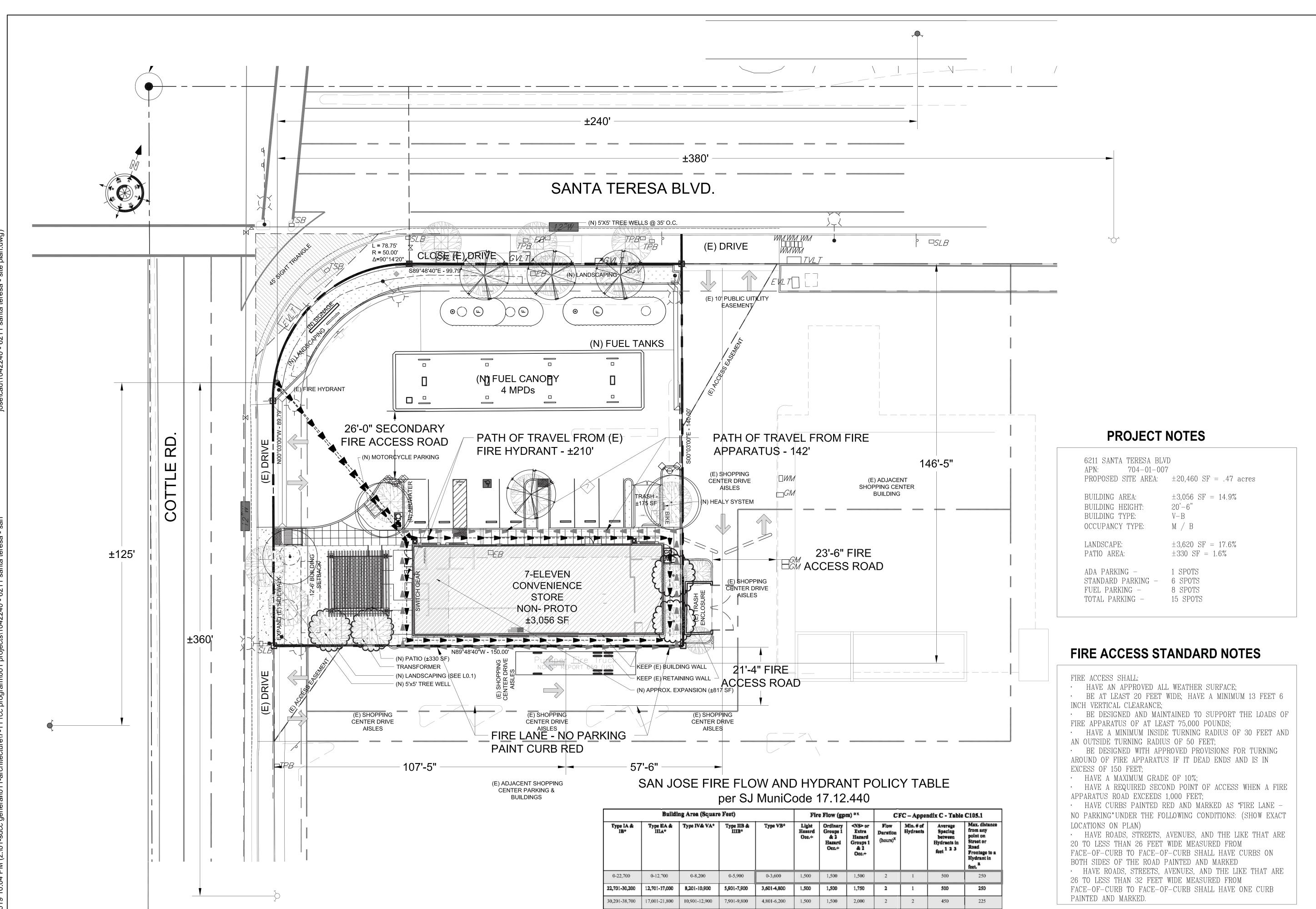


Scale: 1/16" = 1'-0" @ 22X34 Scale: 1/32" = 1'-0" @ 11x17

ARCH.

SITE PLAN

A100



21,801-24,200 12,901-17,400

9,801-12,600

6,201-7,700

1,500

1,688

2,250



SDCC

25 □ 28 OZ

APN: 704-01-007 OWNER

FIRE ACCESS SITE PLAN

Scale: 1/16" = 1'-0" @ 22X34 Scale: 1/32" = 1'-0" @ 11x17

A101