COLGAN CREEK PROJECT NARRATIVE

Colgan Creek is a 65 lot, small lot, subdivision located on a relatively flat (approximately 4.5 acre parcel within the Roseland Priority Area) and is void of any trees. Each lot will contain 1 SFD & 1 ADU creating a total of 130 units. Each SFD is a 3 bed/2bath (1,029 sq ft.) and each ADU is a 2 bed/2 bath (706 sq ft.) which meets the "affordable by design" criteria. Although not mandated, this project is fully electric. There are 177 parking spaces in total comprised of 47 uncovered (on street) spaces, 65 covered (off street) spaces, and 65 uncovered (off street) spaces which exceeds the total parking space requirement of 163 spaces. In addition, a bus stop is located 10 feet North of the project frontage along Dutton Meadow Drive and the project is within walking distance to Elsie Allen High School, Bellevue Elementary School, Meadow View Elementary, Stony Point Academy, Colgan Creek Trail, and South West Community Park. Each front yard and backyard will be landscaped and a patio will be installed in each backyard.

Vehicular and pedestrian traffic would enter the project site from Dutton Meadow Drive along the East property boundary, Common Way in the North West corner of the property line, with a new street (Colgan Creek Drive) proposed along Colgan Creek & Trail. The sites current Zoning District is R-3-18 and the General Plan is Med Residential.

COLGAN CREEK VIIIAGE

3011 DUTTON MEADOW, APN 043-121-007

CIVIL ENG. NOTES

. ENCROACHMENT PERMIT: ANY IMPROVEMENTS, PROPOSED OR REQUIRED, WITHIN THE PUBLIC WAY OR ANY EXISTING PUBLIC SEWER OR WATER EASEMENTS SHALL BE REVIEWED AND APPROVED WITH AN ENCROACHMENT PERMIT APPLICATION. ONLY CONSTRUCTION PLANS SUBMITTED WITH THE ENCROACHMENT PERMIT APPLICATION ARE FINAL PLANS AND WILL BE APPROVED FOR CONSTRUCTION. SUBMIT PLANS SHOWING ALL WORK IN THE PUBLIC RIGHT OF WAY, OR IN PUBLIC EASEMENTS, INCLUDING ALL WORK ON PUBLIC UTILITIES (WATER METER BOXES, SEWER LATERAL CLEANOUTS BACKFLOW DEVICES, ETC.) TO THE PLANNING AND ECONOMIC DEVELOPMENT OFFICE AT 100 SANTA ROSA AVE, ROOM 3. NO WORK SHALL BE PERFORMED IN THE PUBLIC RIGHT-OF-WAY WITHOUT AN ENCROACHMENT PERMIT.

2. WATER LATERAL: THE WATER LATERAL MUST BE SIZED TO MEET DOMESTIC, IRRIGATION, AND FIRE SPRINKLER DEMAND. IF THE WATER SERVICE MUST BE UPSIZED, THE EXISTING SERVICE MUST BE ABANDONED AT THE MAIN PER CURRENT CITY STANDARDS. IF THE EXISTING WATER SERVICE OR METER BOX HAS BEEN DAMAGED, THEY WILL NEED TO BE REPAIRED/REPLACED. ANY OF THIS WORK WILL REQUIRE AN ENCROACHMENT PERMIT.

3. WATER METER: WATER METERS MAY NEED TO BE SIZED TO A $^{3}\!\!\!\!/$ METER BASED UPON WHAT THE FIRE DEPARTMENT APPROVES TO MEET THE FIRE SPRINKLER REQUIREMENTS. FEES WILL BE DUE FOR

4. BACKFLOW: FIRE SPRINKLERS ARE REQUIRED, SO A BACKFLOW DEVICE WILL BE REQUIRED PER CURRENT CITY STANDARDS. AN IN-LINE CHECK BACKFLOW PER STD. 875F MAY BE INSTALLED IF THE PROPERTY HAS AN AMI METER INSTALLED (AN AMI WATER METER WILL NEED TO BE INSTALLED FOR THIS OPTION TO BE ALLOWED, CONTACT WATER ENGINEERING SERVICES TO SEE WHEN AMI WILL BE AVAILABLE TO THIS LOCATION). IF AMI IS NOT AVAILABLE, A DOUBLE CHECK BACKFLOW DEVICE PER STD. 875 WILL BE REQUIRED. EITHER DEVICE WILL NEED TO BE INSTALLED UNDER AN ENCROACHMENT PERMIT

5. SEWER LATERAL: A CLEANOUT MUST BE INSTALLED PER CITY STANDARD 513 IF NONE EXISTS. IF ONE NEEDS TO BE INSTALLED OR F THE SEWER LATERAL NEEDS TO BE REPLACED, AN ENCROACHMENT PERMIT WILL BE REQUIRED. PROVIDE THE BUILDING INSPECTOR WITH A REPORT INDICATING THAT THE SEWER LATERAL IS IN WORKING CONDITION PRIOR TO THE WATER SERVICE BEING RE-INSTATED

GENERAL NOTES

. COMPLY WITH ALL PROVISIONS OF THE 2016 CBC, CRC, CPC, CMC, CEC, TITLE 24 CALGREEN BUILDING STANDARDS CODE AND ALL LOCAL CODE AND ORDINANCES

2. THESE PLANS ARE NOT INTENDED TO TO SHOW THE METHOD AND MEANS OF EXECUTION OF THE WORK WHICH IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

3. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE FULL COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

4. ALL SUBCONTRACTORS SHALL BID AND PERFORM THEIR WORK BASED ON THE COMPLETE SET OF PLANS. IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR TO NOTIFY THE GENERAL CONTRACTOR OF ANY POSSIBLE CONFLICTS BETWEEN PORTIONS OF THE DRAWINGS AND OR SPECIFICATIONS

5. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW AND FAMILIARIZE HIMSELF WITH THE DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONTACT THE ARCHITECT, PRIOR TO PERFORMANCE, IF ANY CONFLICTS EXIST BETWEEN ANY PORTION OF THE WORKING DRAWINGS, SPECIFICATIONS AND/OR SITE CONDITIONS.

6. DRAWINGS ARE NOT TO BE SCALED. ALL WORK SHALL BE GOVERNED BY THE DIMENSIONS ON THE DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR.

7. DETAILS NOT SPECIFICALLY SHOWN SHALL BE THE SAME NATURE AS SIMILAR CONDITIONS.

PLUMBING NOTES

PROVIDE A NON-REMOVABLE BACK FLOW PREVENTION DEVICE OR VACUUM BREAKER DEVICE ON ALL EXTERIOR HOSE BIBBS, LAWN SPRINKLER/ IRRIGATION'S SYSTEMS AS REQUIRED BY CPC SECTION 603.4.6

2. PROVIDE SHOWERS AND TUB COMBINATIONS WITH INDIVIDUAL CONTROL PRESSERE VALVES OF THE PRESSURE BALANCE, THERMOSTATIC OF COMBINATION BALANCE/ THERMOSTATIC MIXING VALVE TYPE, CONFORMING ASSE 1026. INSTALLER SHALL ADJUST SUCH VALVES PER MANUFACTURE'S INSTRUCTIONS TO DELIVER A MAXIMUM MIXED WATER WATER SETTING OF 120 DEGREES F. CPC 418.0

3. SHOWER RECEPTORS (OTHER THAN TUBS) SHALL HAVE AN APPROVED TYPE AND CONFORM TO CPC SECTION 411.5 AND 411.6. IS SHOWER RECEPTOR IS CONSTRUCTED ON SITE, IT SHALL BE CONSTRUCTED TO CONFORM TO CPC 411.8.

4. SHOWER STALL DESIGN - POSITION SHOWER CONTROL VALVES SO THAT THE

BATHER CAN ADJUST THE VALVES WITHOUT STEPPING INTO THE SHOWER SPRAY 5. WATER HAMMER CONTROL SHALL BE PROVIDED AT CLOTHS WASHER AND

DISHWASHER PER CPC 609.10.

6. ALL UNDERGROUND COPPER PIPELINES TO BE SCHEDULE "L" WITH NO JOINTS . THE MINIMUM WIDTH REQUIREMENT FOR INSTALLATION OF WATER CLOSETS PER SECTION 407.5 OF CPC OR SECTION R307 OF CPC IS 15" FROM CENTER

TO ANY SIDE WALL OR OBSTRUCTION. NO CLOSER THAN 30" CENTER TO CENTER TO ANY SIMILAR FIXTURE.

VICINITY MAP NO SCALE SITE LOCATION-BELLEYUE AVE

ILLUMINATED ADDRESS

LIGHT SOURCES USED TO COMPLY W/ THIS SECTION SHALL BE CONTROLLED BY PHOTOELECTRIC DEVICE OR BY A CIRCUIT SUPPLIED BY A HOUSE METER WHICH IS USED TO PROVIDE OTHER REQUIRED LIGHTING DURING HOURS OF DARKNESS. NO SWITCH OR OTHER SIMULAR DEVICE SHALL BE INSTALLED.

2. THE NUMBERS SHALL BE AT A HEIGHT AND LOCATION THAT ENSURES THE ADDRESS IS PLAINLEY VISIBLE AND LEGIBLE TO EMERGENCY VEHICLES APPROACHING FROM EITHER DIRECTION ALONG THE STREET OR ROAD FRONTING THE PROPERTY.

3. THE NUMBERS SHALL BE A MINIMUM 4 INCHES IN SIZE AND COLORS OF NUMBERS SHALL CONTRAST THE BUILDING BACKGROUND COLOR.

OWNER

COLGAN CREEK LLC. 883 3RD STREET SANTA ROSA, CA. 95404 707-494-0425

PROJECT LOCATION

LOT NUMBER ADDRESS

043-121-007 3011 DUTTON MEADOW SANTA ROSA, CA.

CONSULTANTS

CIVIL ENGINEER TDG CONSULTING ENGINEERS 883 THIRD STREET SANTA ROSA, CA. 95401 707-577-0425

ARCHITECT

INTEGRATED DESIGN

SANTA ROSA, CA. 95404

804 COLLEGE AVE

707-568-0108

TITLE 24 COMPLIANCE INTEGRATED DESIGN 804 COLLEGE AVE SANTA ROSA, CA, 95404 707-568-0108

707-568-0108

SANTA ROSA, CA. 95407

STRUCTURAL ENGINEERING INTEGRATED DESIGN 804 COLLEGE AVE SANTA ROSA, CA, 95404

CAL GREEN COMPLIANCE SOL DATA 2227 CAPRICORN WAY, SUITE 202

707-545-4440 GEOTECHNICAL ENGINEER YOUNG ENGINEERING SERVICES 132 BOAS DRIVE

SANTA ROSA, CA. 95409 707-538-7503 LANDSCAPE ARCHITECT

PARKER SMITH 4100 HAVEN COURT SEBASTOPOL, CA. 95472 707-829-0600

CONSTRUCTION NOTES

. ALL STRUCTURAL FASTENING / NAILING NOT SPECIFICALLY CALLED OUT ON PLANS SHALL BE PER 2016 CRC TABLE R602.3(1)

2. ALL DOORS AND WINDOWS ARE TO BE WEATHERSTRIPPED.

5. SEE TITLE 24 ENERGY CALULATIONS FOR GLAZING AREAS. ALL GLAZING SHALL BE DOUBLE PANE AND LOW-E.

4. PROVIDE FIREBLOCKING AT CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, STAIR OPEING (IF APPLICABLE). CEILINGS, FLOOR LEVELS & AT IO INTERVALS BOTH HORIZONTAL AND

5. GYP. BD. SHALL BE AS FOLLOWS: WALLS AND CEILING: FRAMING @ 16" O.C. 1/2" GYP. BD.

FRAMING @ 24" O.C. 5/8" GYP. BD. FIRE RATED WALLS - 5/8" TYPE "X" GYP. BD. GARAGE WALLS AND CEILING - 5/8" TYPE "X" GYP. BD ENCLOSED USABLE SPACE UNDER STAIRS - 5/8" TYPE "X" GYP. BD.

6. PROVIDE WATER RESISTANT GYP. BD. UNDER TUB & SHOWER ENCLOSURE MATERIALS (OR) APPROVED BACKER BOARD UNDER TILE TO A HEIGHT OF 72" MIN. ABOVE DRAIN INLET. INSTALLATION AND APPLICATIONS SHALL COMPLY W/ CBC 807.1 \$ 2512. IF APPLICABLE, TILE SHALL BE INSTALLED PER THE TILE COUNCIL OF AMERICA STANDARDS (INCLUDING WATERPROOFING WHERE APPLICABLE).

7. ALL INTERIOR WALLS AND CEILINGS TO BE TAPED AND TEXTURED. U.O.N. OUTSIDE CORNERS TO BE ROUNDED TO APPROX. 3/4" RADIUS W/ "BEADEX SOFTLINE" CORNERS.

3. ALL GARAGE WALLS AND CEILING TO BE TEXTURED U.O.N., AT A MIN.

EXCEED 25 AND SMOKE DENSITY NOT TO EXCEED 450. IO. MAINTAIN 12" CLEAR FROM LIGHT FIXTURES TO COMBUSTIBLE MATERIALS AT ALL WALK-IN CLOSETS.

9. ALL INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING TO NOT

II. PROVIDE SEISMIC ANCHORAGE OF APPLIANCES PER CMC SECTION 304.4 12. PROVIDE ADEQUATE VOLUME OF OUTSIDE COMBUSTION AIR TO ALL APPLIANCES (PER CMC 701.1 - 701.3) AND TO FAU ENCLOSURE (PER CMC 302.4: EXC. 3.

13. ALL AIR DUCTS PENETRATINGTHE SEPERATION WALL OR CEILING BETWEEN GARAGE AND LIVING AREA SHALL BE 26 GA. MINIMUM PER CRC R302.5.2

14. ALL SMOKE ALARMS AND CARBON MONOXIDE ALARMS SHALL BE 110V WITH BATTERY BACK-UP AND INTERCONNECTED.

16. ALL SHOWERS AND TUBS SHALL HAVE A PRESSURE BALANCED OR THERMOSTATIC MIXING VALVE.

18. 15# FELT UNDERLAYMENT FOR ROOF COVERING MATERIAL SPECIFIED ON DRAWING. ALL UNDERLAYMENT MATERIAL SHALL COMPLY WITH C.R.C.

19. ALL BEDROOMS, BASEMENTS OR ROOMS FOR SLEEPING SHALL HAVE EMERGENCY RESCUE WINDOWS OR DOORS (CRC SECTION 310). ALL WINDOWS TO BE LABELED "EGRESS" ON FLOOR PLAN AND ELEVATIONS SHALL COMPLY EITH THE FOLLOWING CODE REG'S: a) SHALL HAVE A MIN NET OPENING OF 5.7 SQ.FT., b) SHALL HAVE A MIN. NET CLEAR OPENING WIDTH OF 20". c) SHALL HAVE A MIN. NET CLEARANCE HEIGHT OF 24", d) SILL HEIGHT SHALL NOT BE MORE THAN 44" ABOVE THE FINISHED FLOOR.

SEPERATE PERMITS REQ.

GARAGE AREA

COVERED PORCH AREA

OCCUPANCY & BUILDING

R-3/U

FIRE SPRINKLER PERMIT APPLICATION TO BE SUBMITTED TO THE FIRE DEPT FOR DESIGN AND CALCULATION REVIEW

ADU LIVING AREA LOWER FLOOR 706 SQ.FT.

SFD LIVING AREA UPPER FLOOR 1029 SQ.FT

228 SQ.FT

48 SQ.FT.

2. SITE PLAN & UTILITIES REVIEW FOR EACH LOT

UNIT A,B,C

OCCUPANCY GROUP

STORIES

SPRINKLERS

BUILDING AREA

TYPE OF CONSTRUCTION

ATTACHED I -CAR GARAGE

DEFERRED SUBMITTALS

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THE THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

ITEMS TO BE DEFERRED: MFG TRUSS DESIGN AND CALCS

CODES & CONST. HOURS

PLANS SHALL CONFORM TO 2016 CBC WHICH INCLUDES THE FOLLOWING CODES. CBC 2016 BUILDING CODE **CBEES 2016 (TITLE 24)** ANY LOCAL CODES & ORDINACES

8:00 a.m. - 6:00 p.m. SATURDAY NON-HOLIDAY WEEKDAYS NO CONSTRUCTION IS PERMITTED ON SUNDAY AND HOLIDAYS

CITY OF SANTA ROSA CONST. HOURS: 7:00 a.m. - 7 p.m. MONDAY - FRIDAY

GREEN BUILDING

. THIS PROJECT IS SUBJECT TO THE CALGREEN BUILDING CODES AND SHALL COMPLY WITH THE ATTACHED CHECKLIST AS INCLUDED AS PART OT THESE PLANS.

2. ALL SUBCONTRACTORS SHALL COMPLY WITH THE PROJECTS CONSTRUCTION WASTE MANAGEMENT (CWM) PLAN AND SUBCONTRACTOR FOREMAN SHALL SIGN THE CWM PLAN ACKNOWLEGEMENT SHEET.

SPECIAL INSPECTIONS

IN ADDITION TO THE REGULAR INSPECTIONS, THE FOLLOWING CHECKED ITEMS WILL ALSO REQUIRE IN ADDITION TO THE REGULAR INSPECTIONS, THE FOLLOWING CHECKED ITEMS WILL ALSO REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH SEC. 1704 \$1705 OF THE CALIFORNIA BUILDING CODE.

SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION STRUCTURAL SLAB STRUCTURAL BEAMS

IN THE EVENT A SPECIAL INSPECTION IS REQUIRED, THE ARCHITECT OR OR ENGINEER OF RECORD SHALL PREPARE AND FILL OUT AN INSPECTION PROGRAM WHICH SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO ISSUANCE OF THE BUILDING PERMIT, PER SECTION SECTION 1704

REQUIRED SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION YES STRUCTURAL SLAB YES STRUCTURAL BEAMS STRUCTURAL SHEAR WALL NAILING, ANCHORS AND HOLDOWNS YES

SPECIAL INSPECTIONS REQUIRED INCLUDE GEOTECH INSPECTION AND STRUCTURAL OBSERVATION. SEE SPECIAL INSPECTION FORM ATTACHED

SHEET INDEX

INDEX, SITE PLAN, LOT ANALYSIS, NOTES SITE DEVELOPMENT PLAN (FOR REFERENCE ONLY) UNIT A ADU FLOOR PLAN, MP SCHEDULE & NOTES UNIT A MP FLOOR PLAN, SCHEDULE & NOTES UNIT A MP FLOOR PLANS UNIT B MP FLOOR PLANS UNIT C MP FLOOR PLANS

UNIT A MP FOUNDATION PLAN UNIT A MP, UPPER FLOOR & ROOF FRAMING, ROOF PLAN SECTION A,B,C, TRUSS DETAIL

A9 SECTION D, ABRIVIATIONS, PIPE FIREWALL DETAILS

TRIPLEX

TRIPLEX ELEVATIONS, UNIT A,B,C TRIPLEX ELEVATION, FIREWALL & ROOF PLAN, UNIT A,B,C TRIPLEX LOWER FLOOR PLAN, UNIT A,B,C

TRIPLEX LOWER UPPER PLAN, UNIT A.B.C. TRIPLEX FOUNDATION PLAN

TRIPLEX UPPER FLOOR FRAMING PLAN TRIPLEX UPPER ROOF FRAMING PLAN A16

FOURPLEX

FOURPLEX ELEVATIONS, UNIT A,B,C,AR FOURPLEX ELEVATION, FIREWALL & ROOF PLAN, UNIT A,B,C,AR

FOURPLEX LOWER FLOOR PLAN, UNIT A,B,C,AR FOURPLEX LOWER UPPER PLAN, UNIT A.B.C.AR

FOURPLEX FOUNDATION PLAN FOURPLEX UPPER FLOOR FRAMING PLAN

FOURPLEX UPPER ROOF FRAMING PLAN

FIVEPLEX

FIVEPLEX ELEVATIONS, UNIT A,B,CR FIVELEX ELEVATION, FIREWALL & ROOF PLAN, UNIT A,B,CR FIVEPLEX LOWER FLOOR PLAN, UNIT A,B,CR

SIXPLEX

SIXPLEX ELEVATIONS, UNIT A,B,CR

SIXLEX ELEVATION, FIREWALL & ROOF PLAN, UNIT A,B,CR SIXPLEX LOWER FLOOR PLAN, UNIT A,B,CR

FIVEPLEX LOWER UPPER PLAN, UNIT A,B,CR

A31 SIXPLEX LOWER UPPER PLAN, UNIT A,B,CR CAL GREEN UNIT ALL UNITS

CAL GREEN UNIT ALL UNITS CG3 CAL GREEN UNIT ALL UNITS

LANDSCAPE COVER SHEET PLANTING PLAN

PLANTING PLAN L3PLANTING PLAN PLANTING PLAN

IRRIGATION PLAN IRRIGATION PLAN IRRIGATION PLAN IRRIGATION PLAN

PLUMBING AND MECHANICAL PLANS LOWER CORE A PLUMBING AND MECHANICAL PLANS UPPER CORE A PLUMBING AND MECHANICAL PLANS LOWER CORE B PLUMBING AND MECHANICAL PLANS UPPER CORE B PLUMBING AND MECHANICAL PLANS LOWER CORE C

PLUMBING AND MECHANICAL PLANS UPPER CORE C

TITLE 24-1 UNIT A T24-2

TITLE 24-2 UNIT A AND UNIT A ADU T24 - 3TITLE 24-3 UNIT A ADU T24-4TITLE 24-1 UNIT B

T24-5TITLE 24-2 UNIT B AND UNIT B ADU TITLE 24-3 UNIT B ADU

T24-7TITLE 24-1 UNIT C TITLE 24-2 UNIT C AND UNIT C ADU

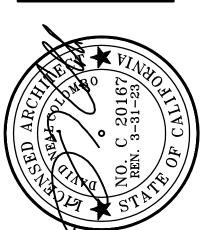
TITLE 24-3 UNIT C ADU TITLE 24-1 UNIT AR

TITLE 24-2 UNIT AR AND UNIT AR ADU TITLE 24-3 UNIT AR ADU

STRUCTURAL NOTES STRUCTURAL DETAILS S3STRUCTURAL DETAILS STRUCTURAL DETAILS SSW1 STRUCTURAL SHEETS SSW2 STRUCTURAL SHEETS

REVISIONS:

BLDG PCC 12-8-20



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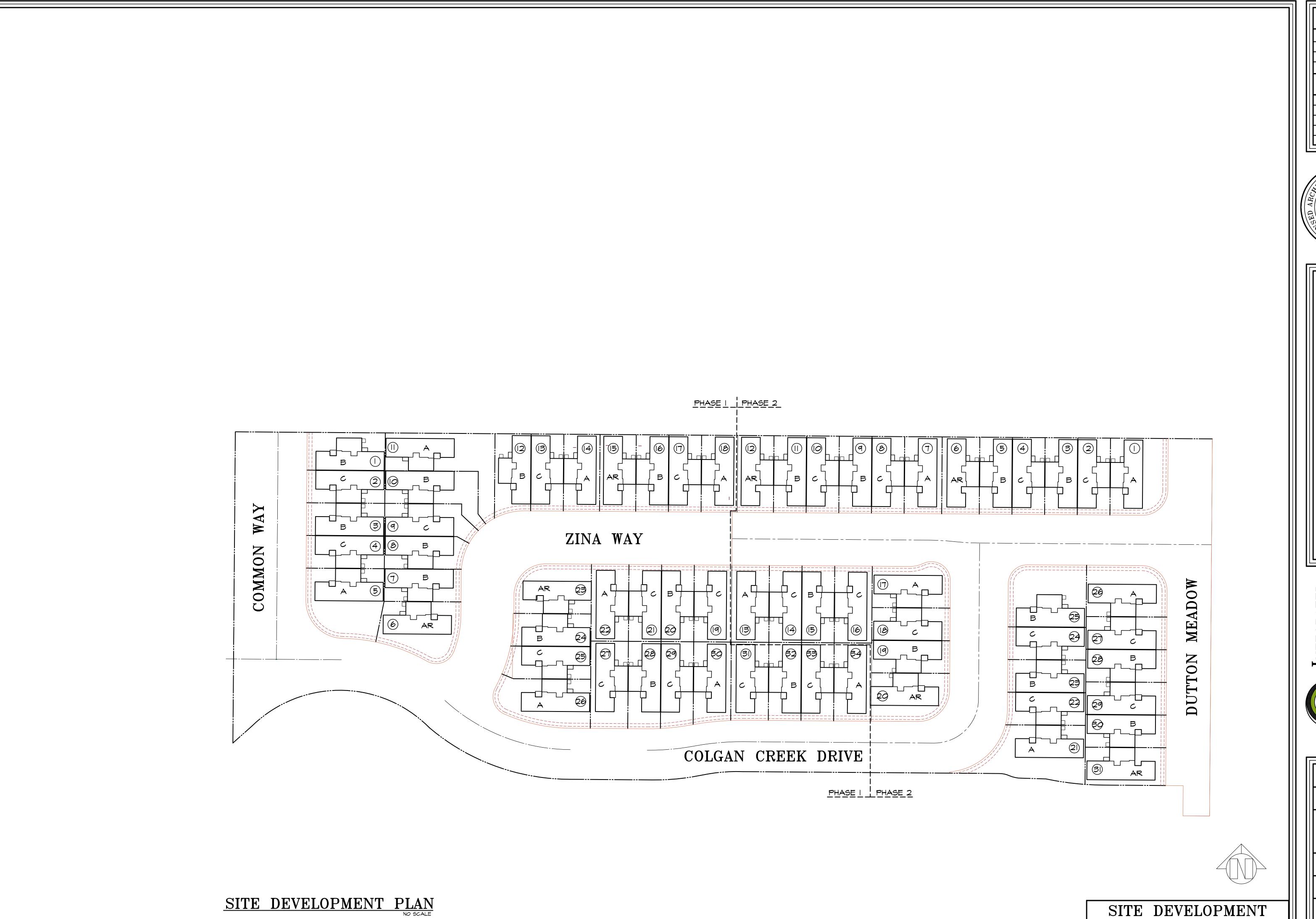


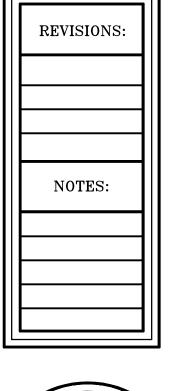
CHK BY: D. COLOMBO DRAWN BY: D. COLOMBO SHEET NO.

OF:

DATE: 4-1-21 JOB NO.

COVER SHEET ID201923







E:
VILLAGE
A ROSA, CA.

COLGAN CREEK VILLA

INTEGRATED DESIGN



CHK BY:
D. COLOMBO

DRAWN BY:
D. COLOMBO

SHEET NO.

A2

A2

OF:

DATE:

DATE: 4-1-21 JOB NO. 1D201923

ELECTRICAL NOTES

- KITCHEN TO HAVE (2) 20 AMP APPLIANCE BRANCH CIRCUITS.
- PROVIDE GFI CIRCUITS WITHIN 6' OF
- KITCHEN SINK. THE REQUIRED SMALL APPLIANCE CIRCUITS
- SHALL NOT SUPPLY DISPOSAL, DISHWASHER, OR OTHER LARGE APPLIANCES. BATHROOM RECEPTACLES SHALL BE SUPPLIED BY A MINIMUM OF (1) 20-AMP BRANCH CIRCUIT
- OR OTHER OUTLETS ON IT. THIS CIRCUIT MAY SERVE MORE THAN ONE BATHROOM.
- LIGHT FIXTURES IN TUB OR SHOWER ARE SUITABLE FOR DAMP LOCATIONS.
- 6 LAUNDRY TO HAVE (I) 20-AMP BRANCH CIRCUIT.

AND SHALL NOT HAVE EXHAUST FAN, LIGHTING

- PROVIDE 4-WIRE RECEPTACLES FOR ALL RANGES, OVENS, AND DRYERS. ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT,
- SINGLE PHASE, IS AND 20 AMP OUTLETS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTERS PER 2016 CEC.
- 9 LIGHT FIXTURES IN CLOSET TO COMPLY WITH CEC SECTION 410-8-d.
- IO RECEPTACLE OUTLET LOCATIONS SHALL COMPLY WITH CEC Art. 210-52(a).
- PROVIDE AT LEAST (I) OUTSIDE WATERPROOF RECEPTACLE AT FRONT & REAR OF DWELLING.
- 12 PROVIDE REQUIRED DISCONNECT FOR A/C UNITS. PROVIDE UFER GROUND CONSISTING OF A MIN. #4 BARE COPPER WIRE 20" LENGTH AT BOTTOM OF CONCRETE FOOTING.
- GROUNDING CONDUCTOR AT SERVICE PANEL TO BE BONDED TO ALL METAL PIPING. CEC 240-24(d)(e).
- ALL SWITCHED LIGHTS TO BE ON MOTION SENSORS OR DIMMERS OR BE LED
- 16 SMOKE ALARMS & CO ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH A BATTERY BACKUP.
- 17 KITCHEN. ALL OF THE INSTALLED LUMINARIES SHALL BE HIGH EFFICACY
- 18 LIGHTING IN BATHROOMS, GARAGES, LAUNDRY ROOMS AND UTILITY ROOMS. ALL LIGHT FIXTURES SHALL EITHER BE HIGH EFFICACY OR SHALL BE CONTROLLED BY AN VACANCY SENSOR.
- OTHER ROOMS. ALL LIGHT FIXTURES SHALL EITHER BE HIGH EFFICACY OR SHALL BE CONTROLLED BY AN VACANCY SENSOR OR DIMMER. CLOSETS THAT ARE LESS THAN TO SQUARE FEET ARE EXEMPT FROM THIS REQUIREMENT.
- 20 OUTDOOR LIGHTING. ALL LIGHT FIXTURES MOUNTED TO THE BUILDING OR TO OTHER BUILDINGS ON THE SAME LOT SHALL BE HIGH EFFICACY LIGHT FIXTURES OR SHALL BE CONTROLLED BY A PHOTO CONTROL/MOTION SENSOR COMBINATION.
- RECESSED CAN LIGHTS. CAN LIGHTS THAT ARE RECESSED INTO THE INSULATED CEILING ARE REQUIRED TO BE RATED FOR INSULATION CONTACT ("IC-RATED") SO THAT INSULATION CAN BE PLACED OVER THEM. THE HOUSING OF THE LIGHT FIXTURE SHALL BE AIR TIGHT TO PREVENT CONDITIONED AIR ESCAPING INTO THE CEILING CAVITY OR ATTIC AND UNCONDITIONED AIR INFILTRATING FROM THE CEILING OR ATTIC INTO THE CONDITIONED SPACE.
- 22 ALL RECEPTACLE OUTLETS SHALL BE LISTED TAMPER RESISTANT RECEPTACLE PER CEC SECTION 406.II
- 23 BATHROOM FANS TO BE MIN 50 CFM INTERMITTENT OR NOT LESS THAN 25 CFM CONTINUOUS KITCHEN HOOD FANS TO BE MIN 100 CFM
- 24 ALL OUTLETS TO BE ARC-FAULT PROTECTED TYP. EXCEPT FOR BATHS, & GARAGE

GENERAL NOTES

- ALL CONSTRUCTION TO COMPLY W/ CURRENT CBC., CMC, C.P.C., CEC., CRC
- 2 SMOKE ALARMS & CO ALARMS TO BE 110 VOLT W/ BATTERY BACK-UP.
- SHOWERS & TUBS W/ SHOWERS REQUIRE A NON ABSORBENT SURFACE UP TO 72" ABOVE FLOOR AND SHALL BE SHATTER-RESISTANT MATERIAL. PROVIDE CURTAIN ROD OR APPROVED ENCLOSURE MATERIAL.
- 4 PROVIDE ANTI-SIPHON VALVES ON ALL HOSE BIBBS.
- PROVIDE VENTILATION FOR PRODUCTS OF COMBUSTION TO OUTSIDE AIR.
- 6 PROVIDE APPROVED BUILDING PAPER UNDER SIDING.
- 7 VENT PIPES TO BE PROTECTED WITH PAINT OR OTHER APPROVED MATERIALS AS PER UPC.
- 8 VENT DRYER TO OUTSIDE DUCT RUN SHALL NOT EXCEED 14' W/ 2- 90° BENDS. (CMC SECT 504.3.1, 504.3.1.1, 504.3.1.2)
- 9 PROVIDE 5/8" TYPE "X" GYP. BD. @ WALLS & CEILING IN GARAGE AREA WITH 6d COOLER X | 7/8" LONG @ 7" O.C.,
- 10 NO OPENINGS MAY BE PROVIDED BETWEEN A GARAGE AND A SLEEPING ROOM. OTHER OPENINGS SHALL BE EQUIPPED WITH SOLID WOOD OR STEEL DOORS | 3/8" IN THICKNESS AND SHALL BE SELF-CLOSING AND SELF-LATCHING. (R302.5.1)
- PROVIDE ULTRA FLUSH 1.28 GPM WATER CLOSET AT NEW CONSTRUCTION. EXISTING SHOWER HEADS AND TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION.

- 13 THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT POWER DISTRIBUTION FACILITIES. (POWER POLES, PULL-BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN IO FEET OF ANY POSER LINES, WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUSTION DELAYS AND OR ADDITIONAL EXPENSES.
- 14 SHOWERS AND TUBS SHALL BE PROVIDED WITH PRESSURE BALANCE OR THERMOSTATIC MIXING VALVE CONTROLS
- 15 SHOWER HEADS TO HAVE FLOW RATE NOT TO EXCEED 1.8 GALLONS PER MINUTE @ 80 PSI
- 16 FAUCETS TO HAVE FLOW RATE NO MORE THAN 1.5 GALLONS PER MIN.
- 17 MIN. 100 in 2 OPENING IN WASHER DRYER CLOSET DOOR
- 18 FASTENERS FOR PRESERVATIVE TREATED AND FIRE RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A 153. FASTENERS OTHER THAN NAILS, TIMBER RIVETS, WOOD SCREWS AND LAG SCREWS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B 695, CLASS 55 MIN.

T-24 COMPLIANCE SHEETS

- CONTRACTOR SHALL POST THE INSTALLATION CERTIFICATE (CF-2R) FORM AND INSULATION CERTIFICATE (IC-I) FORM IN A CONSPICUOUS LOCATION OR KEPT WITH PLANS AND MADE AVAILABLE TO THE INSPECTOR
- CONTRACTOR SHALL PROVIDE COPIES OF THE CF-IR, MF-IR, CF-26R AND IC-I FORMS TO THE BUILDING OWNER

ASHRAE STANDARD 62.2 TABLE 7.1

TABLE 7.1 PRESCRIPTIVE DUCT SIZING REQUIREMENTS												
DUCT TYPE	FLEX DUCT (FD) SMOOTH DUCT (SD)											
FAN RATING cfm @ 0.25 in. w.g.	50	80	00	125	50	50 80 100 125						
	MAXIMUM ALLOWABLE DUCT LENGHT (Ft)											
DIAMETER, (in)												
3	×	×	×	×	5	×	×	×				
4	70	3	×	×	105	35	5	×				
5	NL	70	35	20	ΝL	135	85	55				
6	NL	Z	125	95	ΝL	ΝL	ΝL	145				
7 & ABOVE	NL	ΝL	ΝL	ΝL	ΝL	ΝL	ΝL	zl				
THIS TARLE	THIS TARIE ASSIMES NO ELROMS DEDICTIEN OF ALLOMARIE DICT											

THIS TABLE ASSUMES NO ELBOWS. DEDUCT 15ft OF ALLOWABLE DUC

NL = NO LIMIT ON DUCT LENGHT OF THIS SIZE

LENGHT FOR EACH TURN, ELBOW, OR FITTING

X = NOT ALLOWED, ANY LENGHT OF DUCT THIS SIZE WITH ASSUMED TURNS, ELBOWS, FITTINGS WILL EXCEED THE RATED PRESSURE DROP

ADU RESIDENCE 50 BATHROOM FAN FLOW (cfm) = NUMBER OF BATHROOMS DUCT SIZE (in) =MAXIMUM ALLOWABLE DUCT LENGHT (ft) = 70 FD KITCHEN FAN FLOW (cfm) = 100 NUMBER OF KITCHENS DUCT SIZE (in) =| 85 | SD| MAXIMUM ALLOWABLE DUCT LENGHT (ft) =

GENERAL NOTES

- $_{ackslash}$ A. R302.4 Dwelling unit rated penetrations. Penetrations of wall or floor/ceiling assemblies required to be fire-resistant rated in accordance with Section £302.2 or R302.3 shall be protected in accordance with this section.
- Penetrations or openings in construction assemblies for piping, electrical devices, recessed cabinets, bathtubs, soffits, or heating, ventilating or exhaust ducts shall be sealed, lined, insulated, or otherwise treated to maintain the required ratings. [§1207.2 CBC] Shall be installed as tested in the approved fire resistance-rated assembly. Shall be protected by an approved penetration firestop system
- installed as tested in accordance with ASTM E 814 or UL 1479 with a minimum positive pressure differential of one inch of water, and shall have an F- rating not less than the fire resistance rating of the assembly penetrated.
- Landings with doors that do not swing over the landing may have a difference in elevation of 7 3 maximum below the top of the threshold. [§R311.3.1 CRC]
- Landings at doors other than the required egress door shall not be more than of 7 \$\frac{1}{2}\text{' maximum below the top of the threshold. [R311.3.2 CRC]
- Contractor to manage storm water per Green Building Code
- Section [R300.1 CRC] Contractor to provide a construction waste management plan

reducing waste at least 65% [R324.1 CRC]

- Finish materials including adhesive, sealants, caulks, paint and coating, aerosol paint and coatings, carpet systems, carpet cushion, carpet adhesive, resilient flooring system and composite wood products shall meet the volatile organic compound (VOC) emission limits in accordance with the California Green Building Standards Code, Chapter 4, Division 4.5
- Contractor to supply Operation and maintenance manual. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency shall be placed in the building in accordance with the California Green Building Standards Code, Chapter 4, Division 4.4.

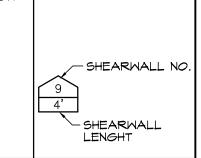
		SHEARWALL S	<u>CHEDULE</u>				
		PLYWD & NAILING	ALLOWABLE LOADS	A.B. SIZE & SPACING	A35 SPACING	1/4"X4" SDS	СОММ
	1	/2" CDX W/ 8d @ 6: 2	GF 260 PLF	5/8" DIA. X I2" W/ BP5/8-3-HDG @ 48"O.C.	20" O.C.	12" O.C.	NOTES 1, 5, 6
	2 -	/2" CDX W/ 8d @ 4: 2	GF 350 PLF	5/8" DIA. X I2" W/ BP5/8-3-HDG @ 45"O.C.	15" O.C.	9" O.C.	NOTES 1, 5, 6
	3 -	1/2" CDX W/ 8d @ 3:12	6F 490 PLF	5/8" DIA. X 12" W/ BP5/8-3-HDG @ 32" O.C.	II" O.C.	6" O.C.	NOTES 1, 2, 5,

NOTE	٤
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ALL PANEL EDGES BACKED WITH 2" NOMINAL OR WIDER FRAMING. PLYWOOD INSTALLED EITHER HORIZINTALLY OR VERTICALLY. SPACE NAILS @ 6" O.C. ALNONG INTERMEDIATE FRAMING MEN\MBERS FOR 3/8" PLYWOOD INSTALLED WITH FACE GRAIN PARALLEL TO STUDS, SPACED 24" O.C. AND 12" O.C. FOR OTHER CONDITIONS AND PLYWOOD THICKNESSES.

FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" NOMINAL OR WIDER

- AND NAILS SHALL BE STAGGERED WHERE NAILS ARE SPACED 2" O.C. WHERS PLYWOOD APPLIED ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON
- DIFFERENT FRAMING MEMBERS OR FRAMING MEMBERS SHALL BE 3" NOMINAL OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED. FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" NOMINAL
- OR WIDER AND NAILS SHALL BE STAGGERED WHERE IOD NAILS ARE SPACED 3" O.C. OR LESS.
- NAILS SHALL BE COMMON WIRE OR GALVANIZED BOX.
- ALL ANCHOR BOLTS SHALL HAVE BP5/8-3-HDG WASHERS



HDWR

3/8" LAG

5/8" AB

A35

SHEAR

108 lb

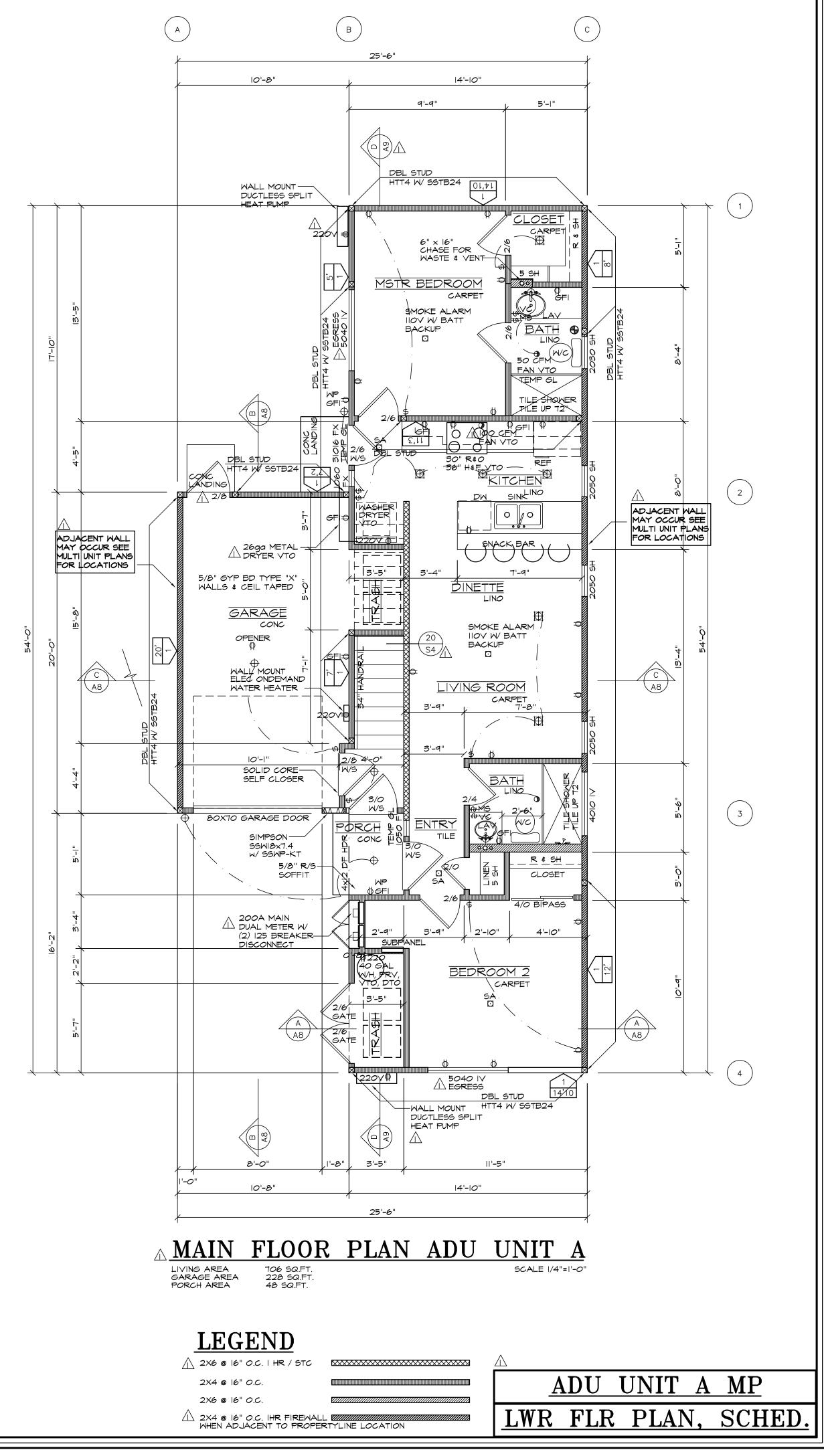
200 lb

1375 lb

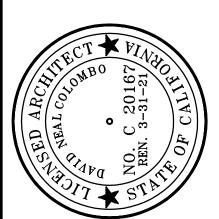
450

RECPT SERVICE 15														
125					PAI	NELB(DARD	SCH	${f EDUL}$	\mathbf{E}				
125	PANEL TYPE NLAE	3		NO.	. <u> </u>		/208 V	OLTS		$-\phi$ $-$	3	M	\boxtimes	SN
125	125 AMP	5 MAII	V	П	LUGS					USH				POLES
SPANCH BREAKERS SPANCH BREAKERS SPANCH BREAKERS SPANCH BREAKERS SPANCH BREAKERS SPANCH BROWN SPAN	125 AMP	5 TRIF	,	$\overline{\boxtimes}$	MAIN	BREAK	ER		Sul	RFACE				
SPANCH BREAKERS SPANCH BRE	BOLTED BREAKERS													
ITEM	LOCATION													
ITEM						BRA	NCH	BREA	KERS	3				
NO. A B C NO.	ITEM	AMP	P	CIR.							CIR.	P	AMP	ITEM
LIGHTS SERVICE 20		" "	Ė								1	-		
RECPT SERVICE-C 5	LIGHTS SERVICE	20	1								.	1	15	LIGHTS/FAN - LWR
RECPT OFFICE 15	RECPT SERVICE	15	Т	3		3300		3300			4	Τ	307	DRYER
SPARE	RECPT SERVICE-C	15	1	5							6	1	30	
SPARE	RECPT OFFICE	15	ı	7		4400		4400			8	Ι	40	OVEN / RANGE
SPARE 13	SPARE			9							10		40	
SPARE 15 16 SPARE 18 16 SPARE 17 19 1573 1573 20 HVAC 20 1 21 SPARE 18 18 SPARE 18	SPARE			Ш							12		40	MATER HEATER
	SPARE										14		40]	
COMPRESSOR 20 19 1573 1573 20 HVAC 22 1 1 1 1 1 1 1 1	SPARE			15							16			SPARE
20 1 21														
FEEDER 12800 9960 12300 11200 9600 9600 TOTAL CONN.	COMPRESSOR		1		1573		1573				.			HVAC
		L20 J	1	21							22			
	FFFDFR			<u> </u>	12800	9960	12300	11200	9600	9600	TO	ΓΔΙ	CON	I IN
122100 12000 19200 1 10AD 00400 WALLS					22760		23500		19200	1 .000				

T24 COMPONENTS		
WALL INSULATION FLOOR INSULATION CEILING INSULATION ROOF RADIANT BARRIER FAU EFF. % COOLING SEER COOLING EER ONDEMAND WATER HEATER	RI5 NA R30 YES 98% I5.0 I2.5 YES	\triangle
QII INSULATION INSPECTION ROOF OVERHANGS WHOLE HOUSE FAN CFM WHOLE HOUSE FAN WATTS WINDOW U VALUE WINDOW SHGC VALUE	YES NO NA NA 32 .25	



REVISIONS BLDG PCC 12-8-20



10

NTEGR/



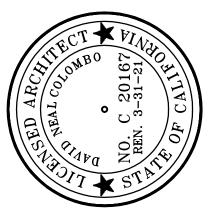
CHK BY: D. COLOMBO DRAWN BY: D. COLOMBO SHEET NO.

DATE: 4-1-21

JOB NO. ID201923



REVISIONS: BLD6 PCC 12-8-20

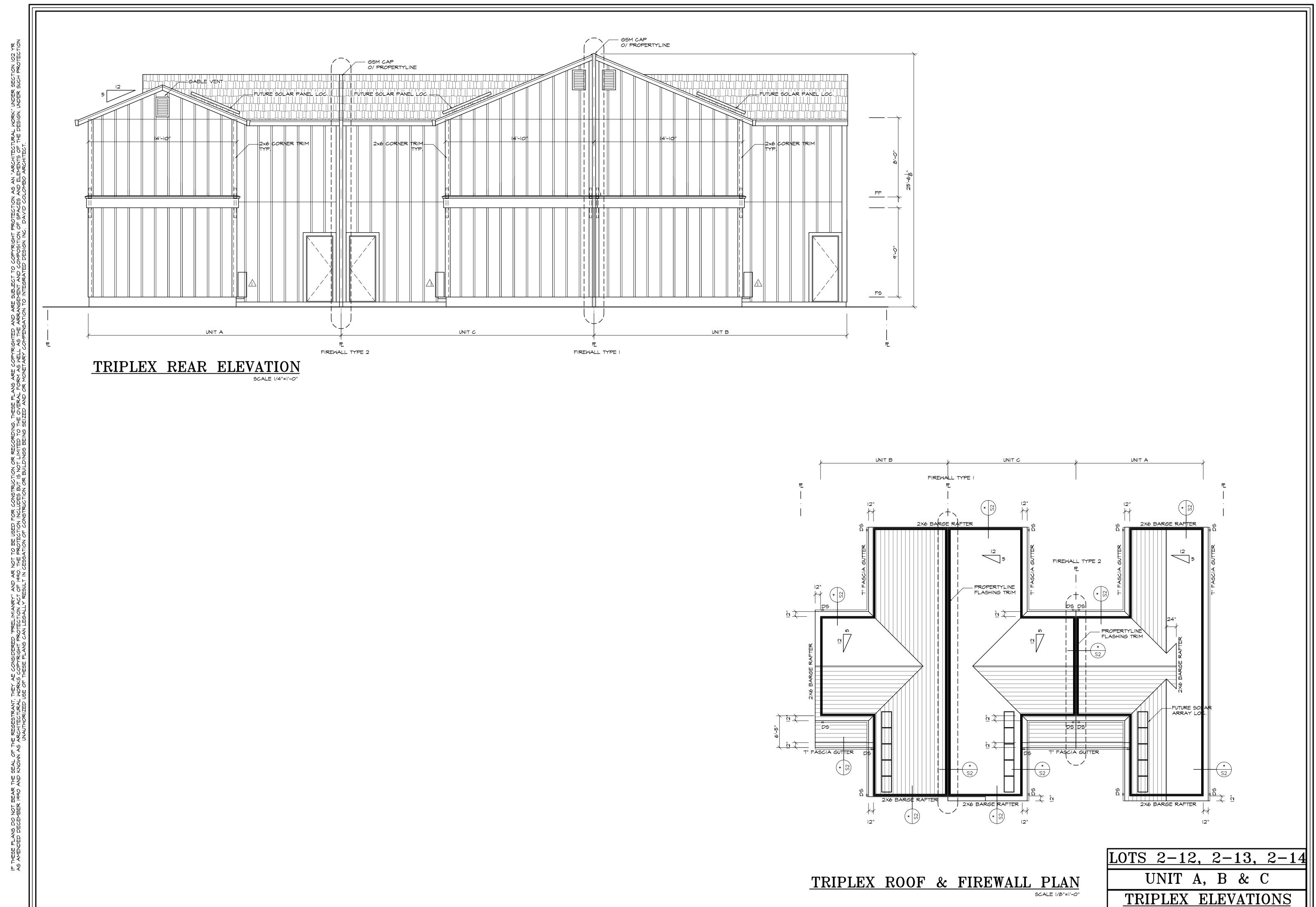


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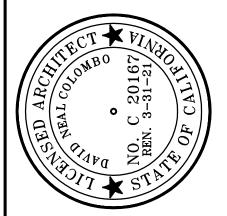
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REVISIONS:

BLDG PCC
12-8-20

NOTES:



AGE.

PROJECT JOB NAME:
COLGAN CREEK VILL

Integrated Design



CHK BY:
D. COLOMBO

DRAWN BY:
D. COLOMBO

SHEET NO.

A11

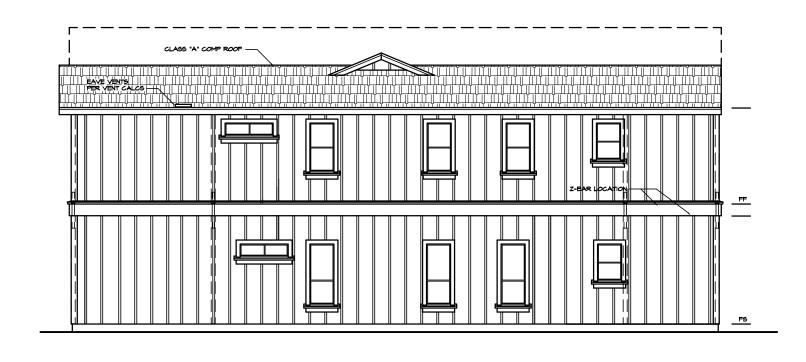
OF:

DATE:
4-1-21

JOB NO.

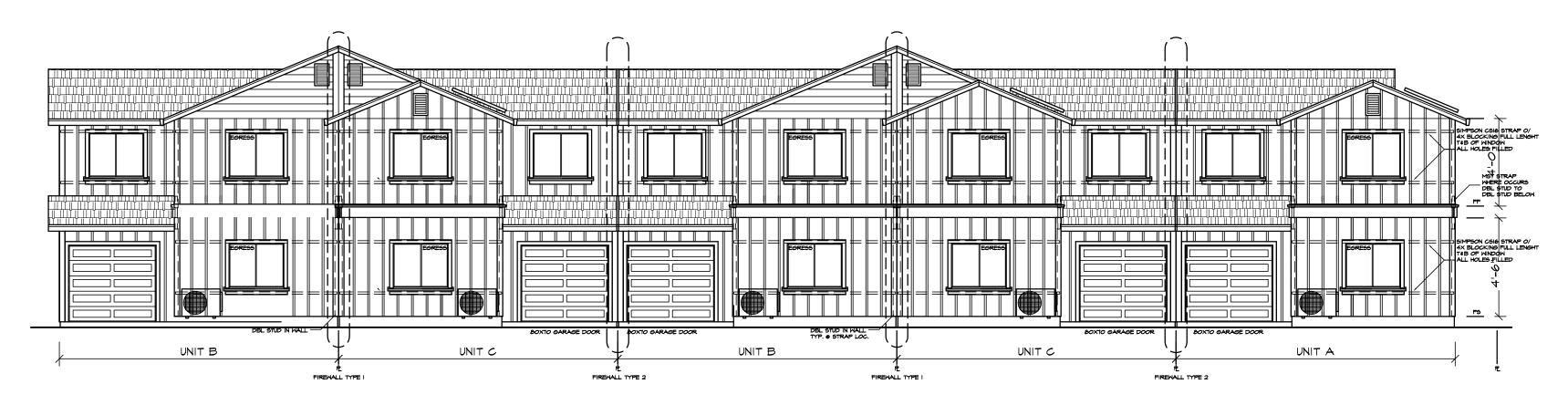
ID201923

FIVEPLEX LEFT SIDE ELEVATION

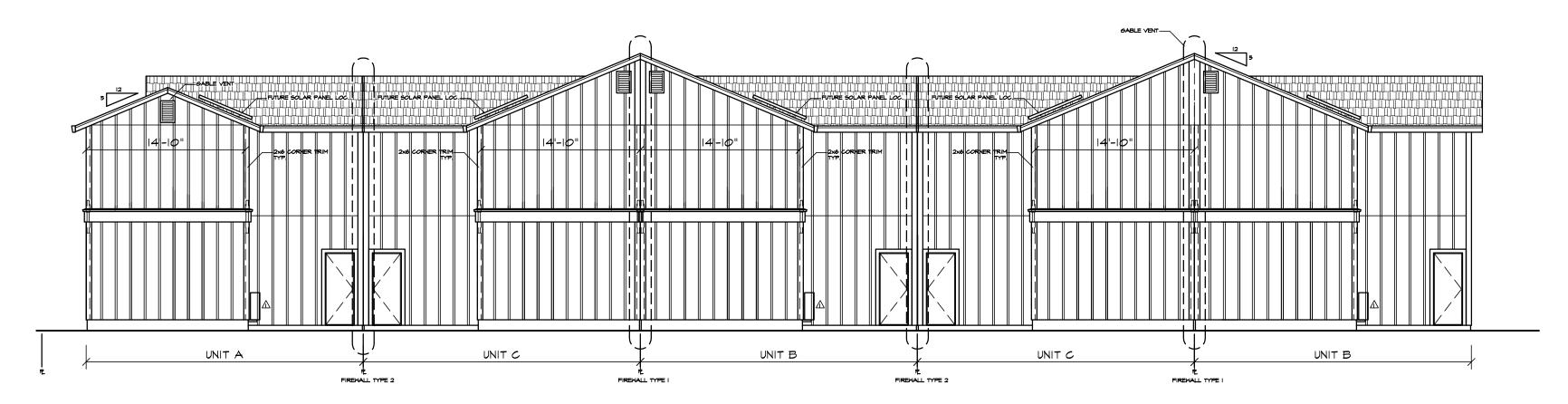


FIVEPLEX RIGHT SIDE ELEVATION SCALE 1/8"=1'-0"

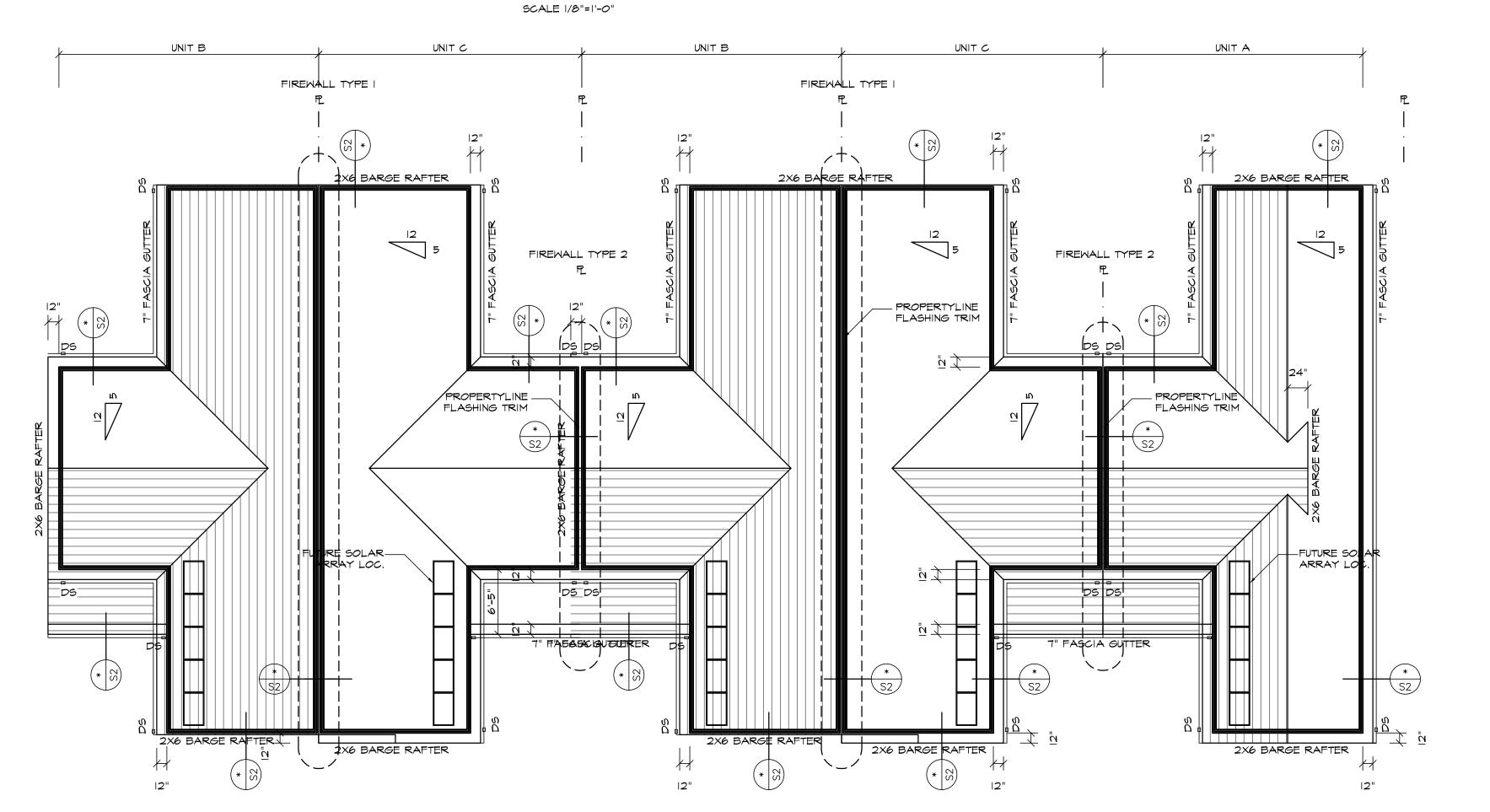
IF THESE PLANS DO NOT BEAR THE SEAL OF THE REGESTRANT, THEY AE CONSIDERED "PRELIMIANRY" AND AR NOT TO BE USED FOR CONSTRUCT AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL MORKS COPYRIGHT PROTECTION ACT OF 1990, THE PROTECTION INCLUDES BUT 19 UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN CESSATION OF CONSTRUCTION OR



FIVEPLEX FRONT ELEVATION



FIVEPLEX REAR ELEVATION



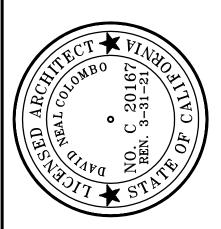
FIVEPLEX ROOF & FIREWALL PLAN

UNIT A, B, C
FIVEPLEX ELEVATIONS

REVISIONS:

BLDG PCC 12-8-20

NOTES:



COLGAN CREEK VILLAGE

Integrated Design



CHK BY:
D. COLOMBO

DRAWN BY:
D. COLOMBO

SHEET NO.

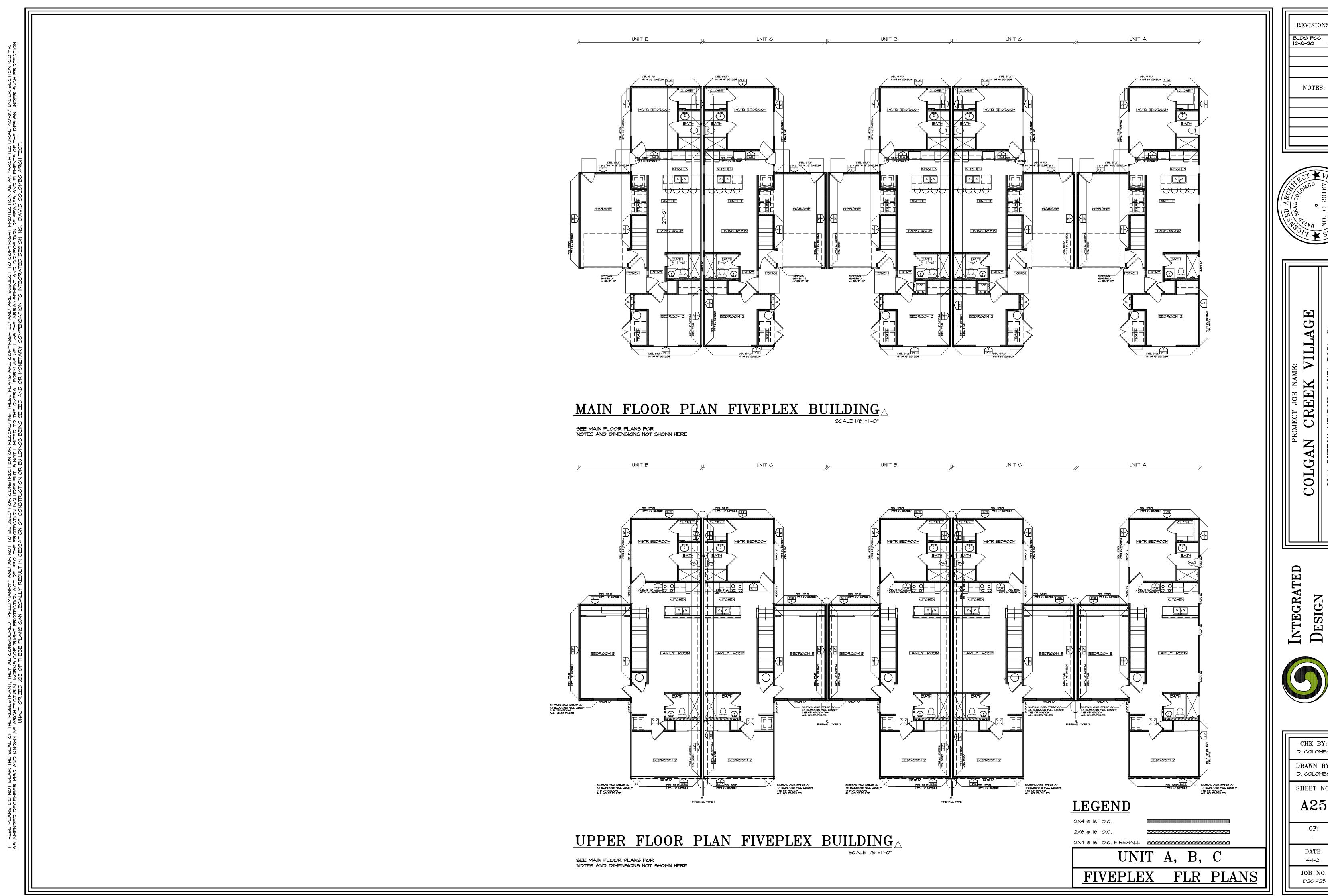
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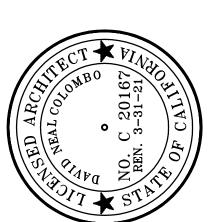
DATE:
4-1-21

JOB NO.

ID201923



BLDG PCC 12-8-20





CHK BY: D. COLOMBO DRAWN BY: SHEET NO. A25

JOB NO.



FOURPLEX FRONT ELEVATION SCALE 1/4"=1'-0"



COLOR SCHEME #3

COLOR SCHEME #4

UNIT A, B, C, AR

COLOR PALETTE

OLGAN CREEK VILLAGE

DESIGN

LEGE AVE, SANTA ROSA, CA. 95404

FER-0108 Fox (707) F68-5592

INTEGRATED

CHK BY:
D. COLOMBO

DRAWN BY:
D. COLOMBO

SHEET NO.

DRAWN BY:
D. COLOMBO

SHEET NO.

A17

OF:

DATE: 4-1-21 JOB NO.

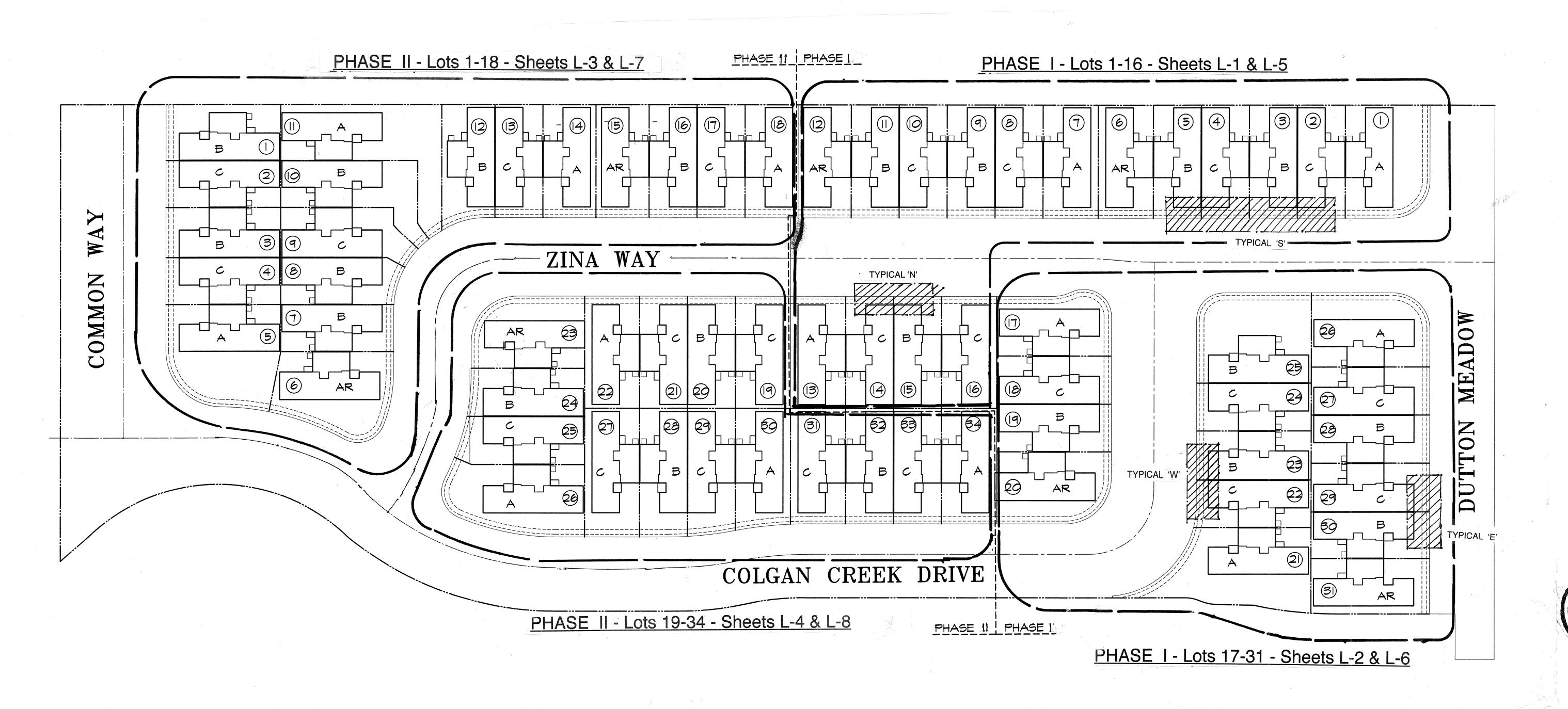
NOTE: ACTUAL COLORS MAY VARY SLIGHTLY FROM PRINTED RENDERINGS

COLOR SCHEME #2

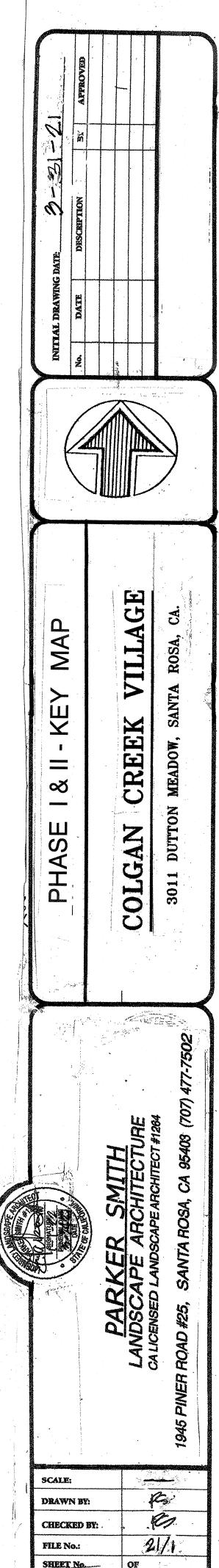
COLOR SCHEME #1

COVER SHEET

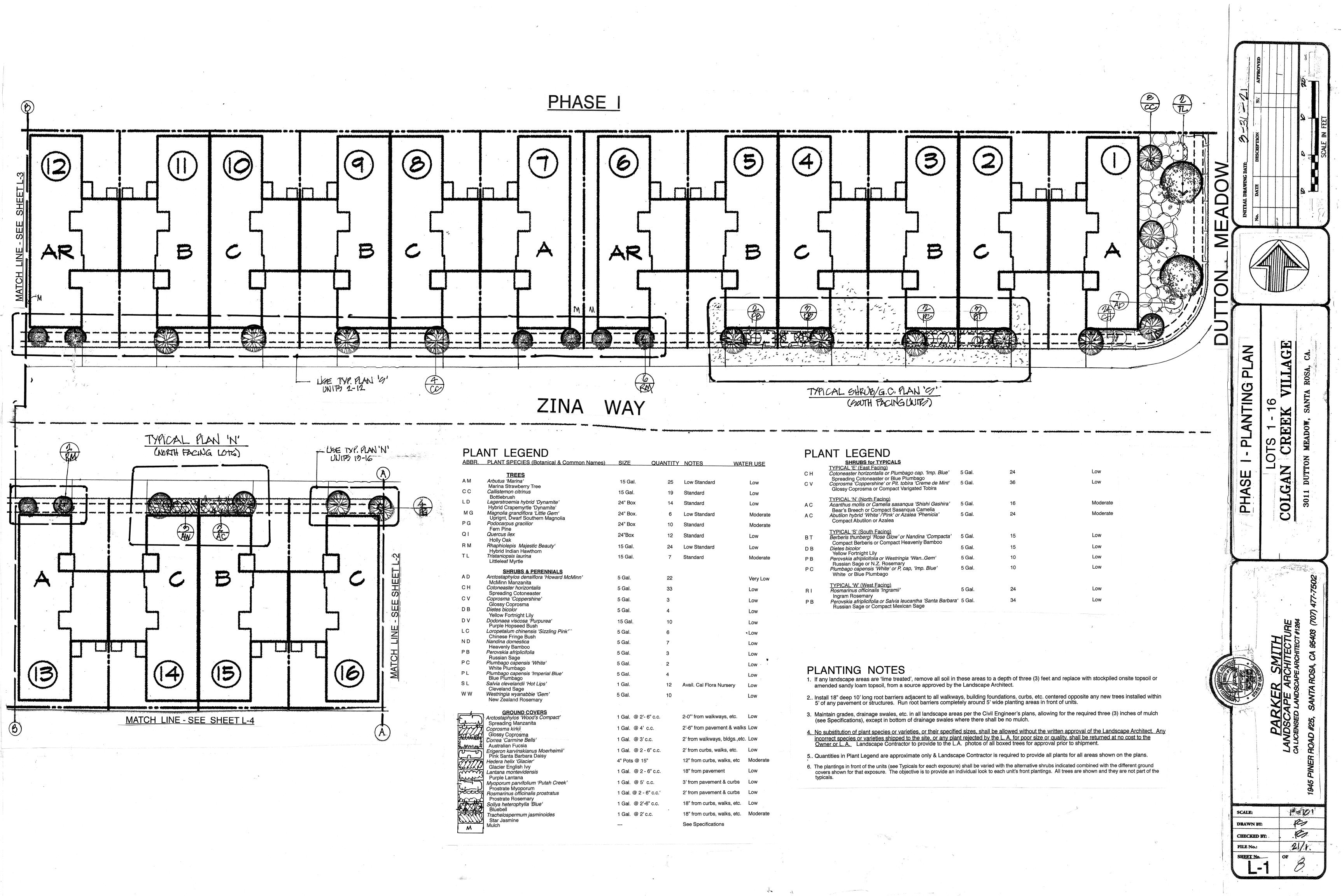
KEY TO LANDSCAPE PLANTING & IRRIGATION PLANS FOR PHASES I & II



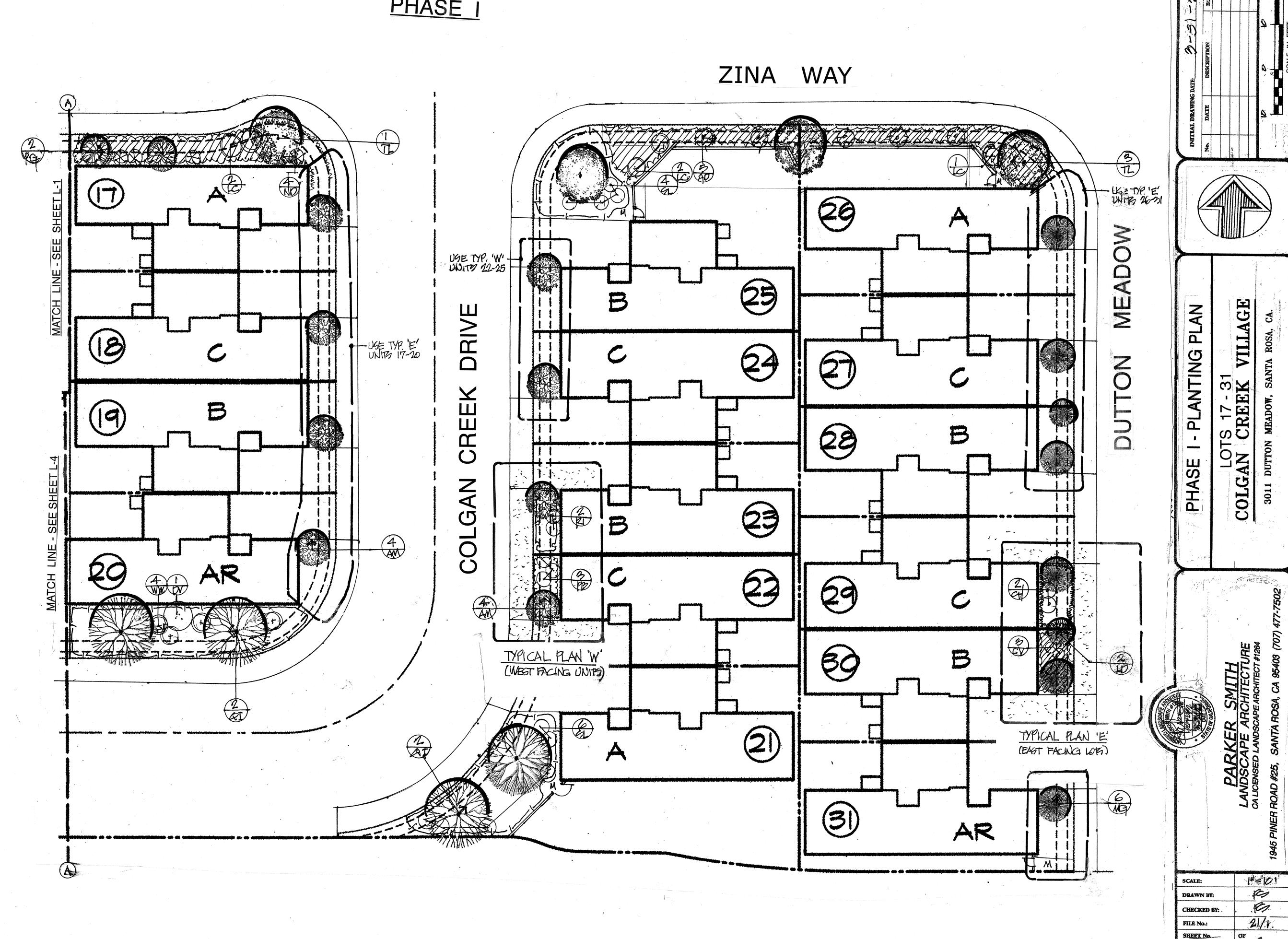
NOTE: See sheets L-3 & L-7 for specifications for all landscaping shown in both phases I & II.

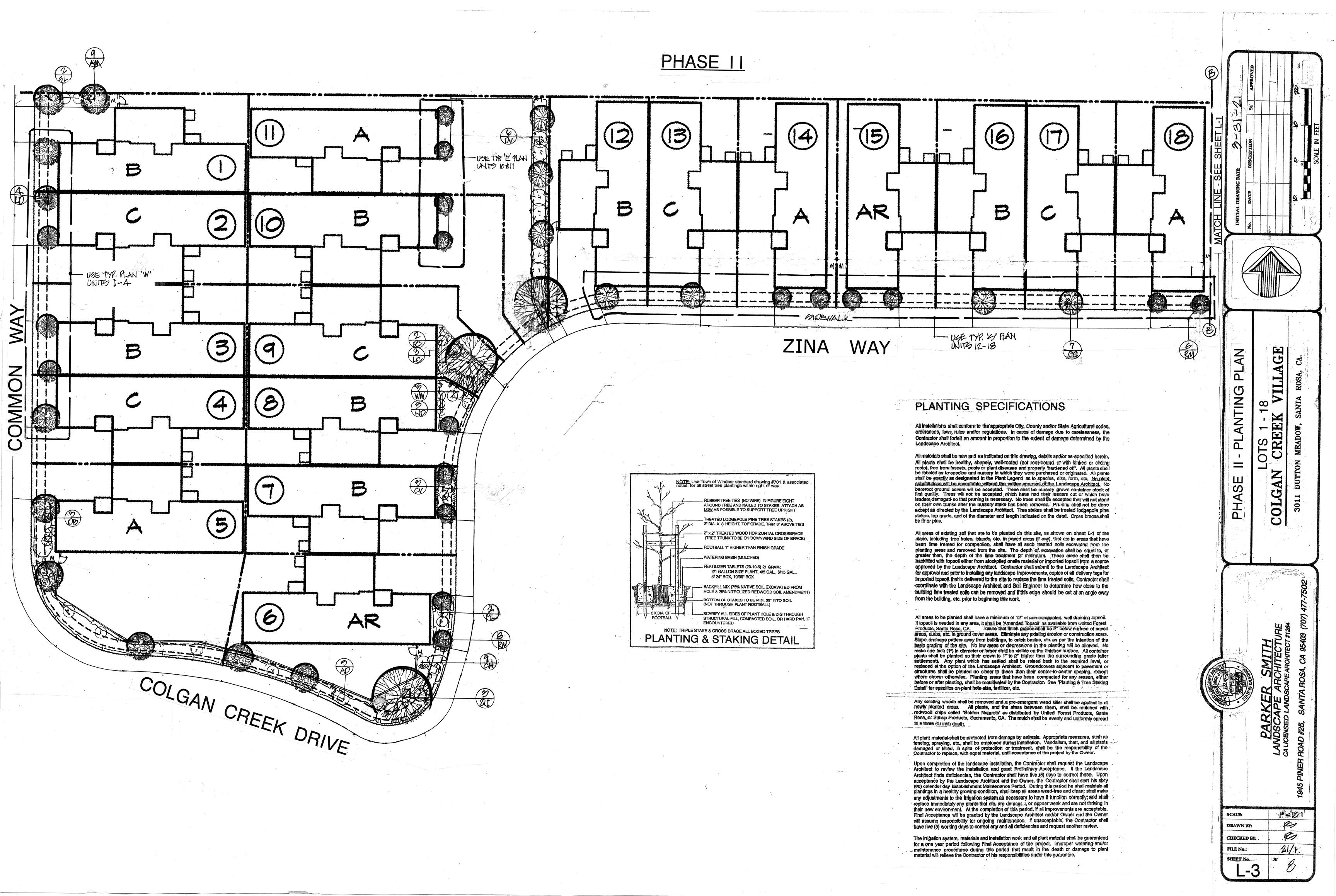


COVER

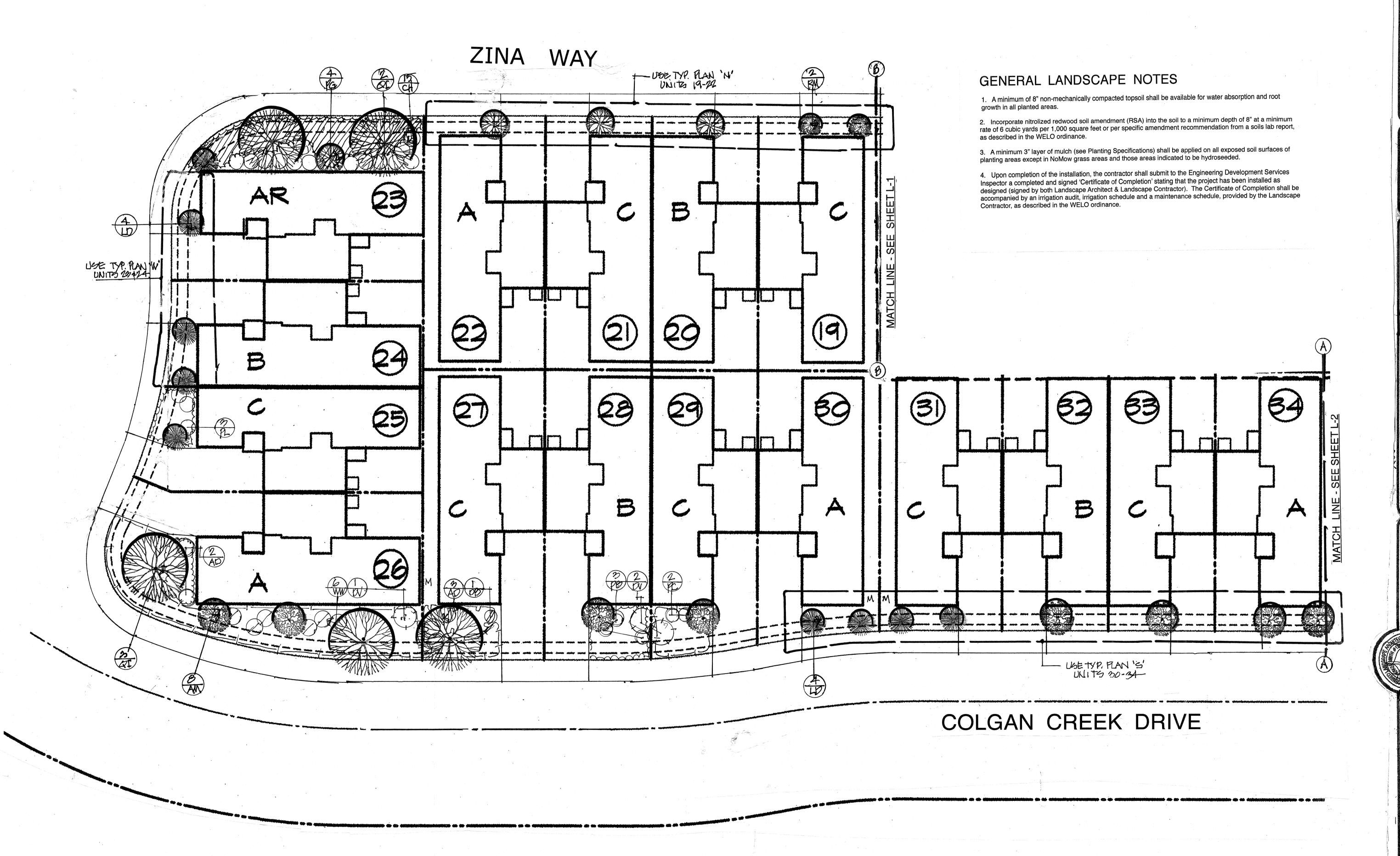






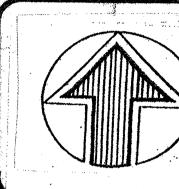


PHASE II



INTIAL DRAWING DATE. 9-5/2/1

No. DATE DESCRIPTION BY APPROVED



- 34 VILLAGE

COLGAN CREEK

RKER SMITH

APE ARCHITECTURE

D. LANDSCAPE ARCHITECT #1264

SANTA ROSA. CA 95408 (707) 477-75

PARKER
LANDSCAPE AF
CALICENSED LANDSCA

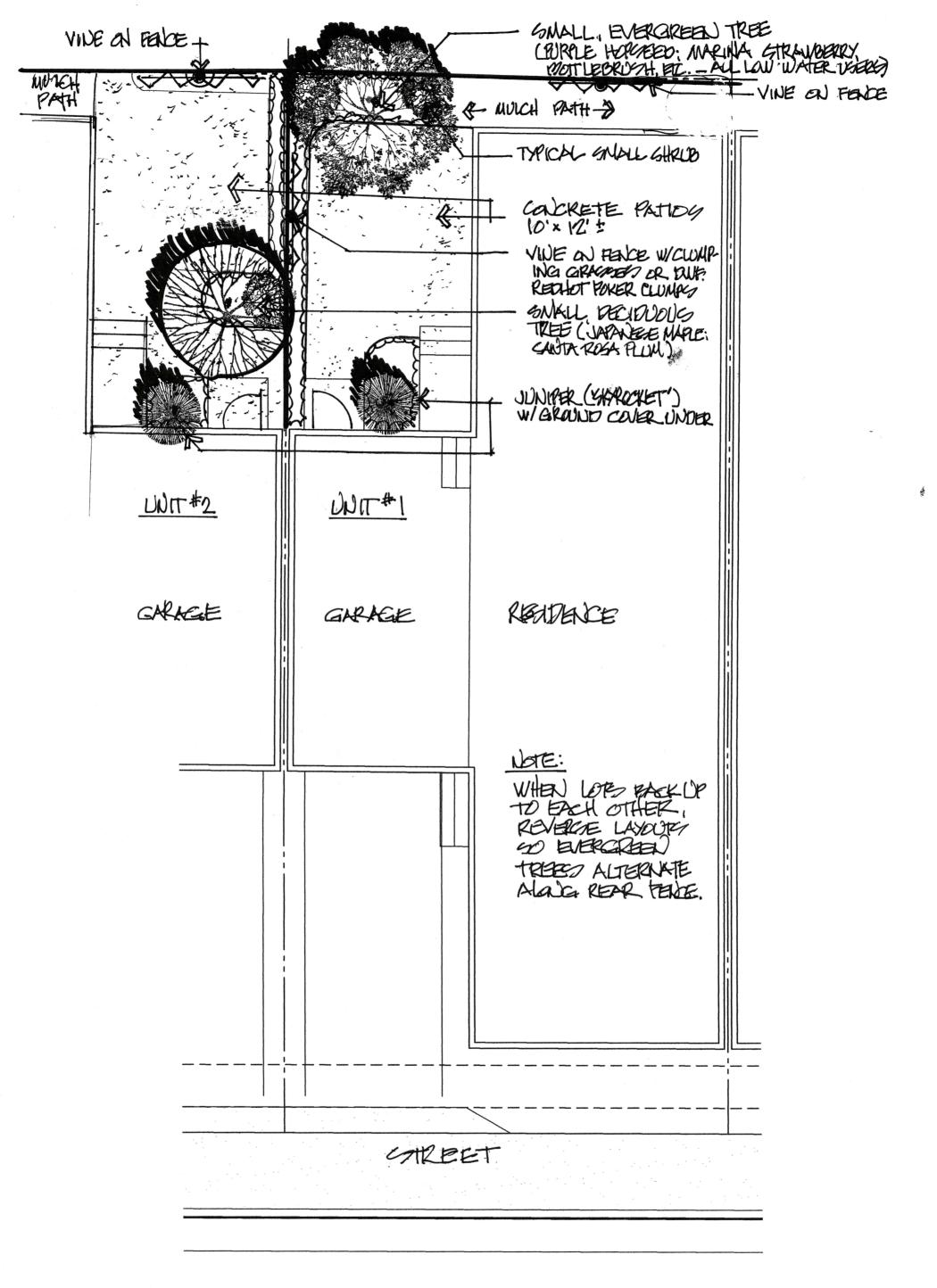
SCALE:

DRAWN BY:

CHECKED BY:

FILE No.:

SHEET No. OF



COLGAN CREEK VILLAGE

REAR YARD LANGGCAPE

PLANS

REFERGMITH, L.A. + 1964

9CALE 11=51 7-29-21