

ATTACHMENT 7
PROJECT PLANS

**SANTA BARBARA COUNTY APCD
STD DUST CONTROL REQMENTS**

- Dust generated by the development activities shall be retained onsite and kept to a minimum by following the dust control measures listed below. Reclaimed water shall be used whenever possible.
 - During clearing, grading, earth moving or excavation, water trucks or sprinkler systems are to be used in sufficient quantities, after each day's activities cease, to prevent dust from leaving the site and to create a crust.
 - After clearing, grading, earth moving or excavation is completed the disturbed area must be treated by watering or revegetating by spreading soil binders until the area is paved or otherwise developed that dust generation will not occur.
 - During construction, water trucks or sprinkler systems are to be used to keep all areas of vehicle movement damp enough to prevent dust from leaving the site. At a minimum this will include wetting down such areas in the late morning and after work is completed every day. Increased watering frequency will be required whenever the wind speed exceeds 15 mph.
- Impaction, Expiration and Stockpiling of Fill Material:

Soil stockpiled for more than two days shall be covered, kept moist, or treated with soil binders to prevent dust generation.

Trucks transporting fill material to and from the site shall be torped from the point of origin.

If the construction site is greater than five acres, gravel pads must be installed at all access points to minimize tracking of mud on to public roads.
- Activation of increased Dust Control Measures:

The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the Air Pollution Control District prior to land use clearance for map reordination and land use clearance for final grading of structure.
- Reoordination of Mitigation Measures:

Prior to land use clearance the applicant shall include, as a note on a separate information sheet to be recorded with map, these dust control requirements. All requirements shall be shown on grading and building plans.

FIRE DEPARTMENT NOTES

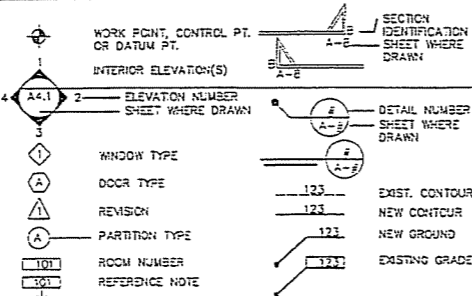
See Report by LFR, Inc. regarding the handling of any hazardous soil during grading operations.

CODES

THIS PROJECT IS SUBJECT TO THE FOLLOWING CODES AND REGULATIONS:

- CALIFORNIA BUILDING CODE, 2001 EDITION
- CALIFORNIA PLUMBING CODE, 2001 EDITION
- CALIFORNIA MECHANICAL CODE, 2001 EDITION
- NATIONAL ELECTRICAL CODE, LATEST EDITION
- CALIFORNIA CODE OF REGULATIONS TITLE 24
- AMERICAN WITH DISABILITIES ACT
- ALL ACCUMULATIVE SUPPLEMENTS TO THE ABOVE CODES.
- ALL APPLICABLE STANDARDS, ORDINANCES AND REGULATIONS OF THE AGENCIES WITH JURISDICTION OVER THE WORK.

SYMBOLS



PROJECT STATISTICS - PHS 3

PROJECT OWNER: RENCO ENCODERS, INC.
 PROJECT ADDRESS: 25 CORONAR DRIVE GOLETA CA 93117
 ROBERT SETBACKEN, PRES
 PH: (805) 958-1525
 FX: (805) 685-7555
 E-MAIL: RSETBACKEN@RENCO.COM
 A.P.N.: 073-150-013

PROJECT ZONING: HIGH FIRE ZONE NO
 FLOOD ZONE NO

LAND USE ZONE: M-RP (INDUSTRIAL - RESEARCH PARK)

FRONT YARD SETBACK: 80' FROM CENTERLINE OF STREET AND 50' FROM RIGHT-OF-WAY LINE OF ANY STREET.

SIDE YARD SETBACK: SIDE YARD SETBACK OFF OF SIDE STREET SAME AS FRONT SETBACK 10' SIDE YARD OFF OF PROPERTY LINE

REAR YARD SETBACK: 10' OFF OF SIDE PROPERTY LINE

AREA CALCULATIONS:
 LOT AREA: GROSS SQ FT 155,580 SQ FT
 LOT AREA: GROSS ACRES 3.572 ACRES
 LOT AREA: NET SQ FT 155,580 SQ FT
 LOT AREA: NET ACRES 3.572 ACRES

EX. BLDG. FIN AREA MAIN BLDG 33,600 SQ FT
 EX. COMPRESSOR ROOM 360 SQ FT
 EX. STORAGE GARAGE 400 SQ FT
 EX. TOTAL FLOOR AREA 34,360 SQ FT
 EX. COVERED STORAGE AREA 2,180
 EX. HAZ. MATL. BUILDING 1,000 SQ FT
 TOTAL BUILDING FOOTPRINT PH 1+2= 45,360 SQ FT
 GROSS COVERED STORAGE 2,180 SQ FT

FROM PHASE 2 45,360 SQ FT
 PHASE 3 4,400 SQ FT
 NET NEW FLOOR AREA: 49,760 SQ FT

PHASE 3
 NET NEW FLOOR AREA: 49,760 SQ FT

PARKING CALCULATIONS REQUIRED PARKING	TOTAL SPACES PROVIDED
SECT 35-259 ONE SPACE PER 1.5 EMPLOYEES (83 EMPLOYEES / 1.5 = 55 REQUIRED) BUT IN NO CASE LESS THAN 1 SPACE PER 500 SQ FT OF FLOOR AREA (44,360 SQ FT / 500 SF/SPACE = 88 REQ'D) HANDBAPP	93 EXISTING SPACES 12 NEW SPACES PLUS HANDBAPP
HANDBAPP SPACES: ANDA SECT. 41.2 (5) (A) AND (B) (4 SPACES REQUIRED IN PARKING LOTS WITH 75 TO 100 SPACES) 5 REQUIRED LOADING SPACES - 3 REQ'D COMPACT SPACES - 0 TOTAL PARKING REQUIRED TOTAL PARKING PROVIDED	110 SPACES 110 SPACES +3 LOADING

PHASE 3

SITE COVERAGE STATISTICS	SITE COVERAGE STATISTICS
FOOTPRINT / GROSS SITE AREA (50,160 / 155,580) = 32% FOOTPRINT / NET SITE AREA (50,160 / 155,580) = 32% MAXIMUM ALLOWABLE COVERAGE	(50,160 / 155,580) = 32% (50,160 / 155,580) = 32% 35% MAX. ALLOWED > 32% = OK
IMPERMEABLE / GROSS SITE AREA (53,511 / 155,580) = 34.5% IMPERMEABLE / NET SITE AREA	(53,511 / 155,580) = 34.5% (53,511 / 155,580) = 34.5%
LANDSCAPE / GROSS SITE AREA (52,409 / 155,580) = 33.7% LANDSCAPE / NET SITE AREA (52,409 / 155,580) = 33.7% MINIMUM ALLOWABLE COVERAGE	(52,409 / 155,580) = 33.7% (52,409 / 155,580) = 33.7% 30% < 34% = OK

FLOOR AREA RATIO
 = FLOOR AREA / SITE AREA
 = 50,160 / 155,580 = 32% < 35% OK

PROJECT STATISTICS - PHS 2

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 PROJECT ADDRESS: 25 CORONAR DRIVE GOLETA CA 93117
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 PH: (805) 958-1525
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 EX. COMPRESSOR ROOM 360 SQ FT
 EX. STORAGE GARAGE 400 SQ FT
 EX. TOTAL FLOOR AREA 34,360 SQ FT
 EX. COVERED STORAGE AREA 2,180

TOTAL BUILDING FOOTPRINT 36,520 SQ FT
 PHASE ONE (1) HAZ. MATL. BLDG 1,000 SQ FT
 SUBTOTAL 37,520 SQ FT

PHASE 2
 NET NEW FLOOR AREA: +8,800 SQ FT. NEW BLDG
 +500 SQ FT. OUT. BLDG.
 -1,780 SQ FT. OLD STORAGE
 7,520 SQ FT. NET ADD
 45,360 SQ FT. FOOTPRINT

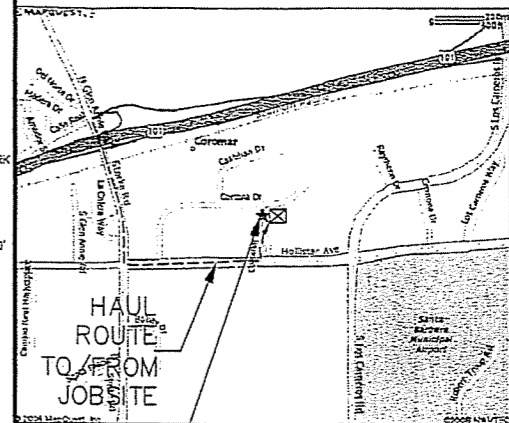
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PHASE 2

SITE COVERAGE STATISTICS	SITE COVERAGE STATISTICS
FOOTPRINT / GROSS SITE AREA (47,360 / 155,580) = 30.4% FOOTPRINT / NET SITE AREA (47,360 / 155,580) = 30.4% MAXIMUM ALLOWABLE COVERAGE	(47,360 / 155,580) = 30.4% (47,360 / 155,580) = 30.4% 35% MAX. ALLOWED > 29.1 = OK
IMPERMEABLE / GROSS SITE AREA (51,795 / 155,580) = 33.3% IMPERMEABLE / NET SITE AREA	(51,795 / 155,580) = 33.3% (51,795 / 155,580) = 33.3%
LANDSCAPE / GROSS SITE AREA (49,424 / 155,580) = 31.8% LANDSCAPE / NET SITE AREA (49,424 / 155,580) = 31.8% MINIMUM ALLOWABLE COVERAGE	(49,424 / 155,580) = 31.8% (49,424 / 155,580) = 31.8% 30% MIN. ALLOWED < 31.8% = OK

FLOOR AREA RATIO
 = FLOOR AREA / SITE AREA
 = 47,360 / 155,580 = 30.4% < 35% OK

VICINITY MAP



PROJECT DESCRIPTION

PHASE 2: Consists of an 8,800 sq ft (25' x 100') manufacturing clean room structure connected to the northeast corner of the existing building and a new outdoor employee break area of 1,650 sq ft at the east side of the new building along with landscaping. Two separate areas, including additions at the north side of the existing building include a 400 sq ft materials storage building and a 400 sq ft screw metal storage building. Two new handicap parking spaces will be provided and the existing 19 parking spaces within the boundary of the new building will be re-configured with no net change in the number of parking spaces. The addition of the new building will necessitate the removal of 1,400 sq ft of the existing covered canopy at the east side of the existing building. Since 1,780 sq ft of the existing covered canopy and compressor room will be included in the footprint of the new building the net new additional floor space is 7,040 sq ft.

PHASE 3: Consists of a 10,400 sq ft two story office building that will fit in the remaining rectangular area at the southeast corner of the old building and the new phase 2 building. 21 new parking spaces will be created around the site including 15 new spaces in a newly constructed 6,400 sq ft parking lot at the southeast corner of the site.

DRAWING INDEX

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- P.M. PHASE MAP
- N-1.0 GOVERNMENT AGENCY NOTES
- N-X.0 GOVERNMENT AGENCY NOTES
- G-1.0 GENERAL NOTES
- C-1.0 VICINITY MAP & UTILITY PLAN
- C-2.0 PHASE 2 SITE PLAN
- C-2.1 PHASE 2 GRADING AND DRAINAGE PLAN
- C-2.2 PHASE 2 DEMOLITION PLAN
- C-3.0 PHASE 3 SITE PLAN
- C-3.1 PHASE 3 GRADING AND DRAINAGE PLAN
- C-4.0 SITE WORK DETAILS
- A-2.0 PHASE 2 FLOOR PLAN & SECTIONS
- A-2.1 PHASE 2 EXTERIOR ELEVATIONS
- A-3.0 PHASE 3 FLOOR PLAN & SECTIONS
- A-3.1 PHASE 3 2ND FLOOR PLAN
- A-3.2 PHASE 3 EXTERIOR ELEVATIONS
- A-4.0 STRUCTURAL DETAILS

**BEST MANAGEMENT PRACTICES
FOR CONSTRUCTION ACTIVITIES**

- Stockpiles of earth, sand and other construction related materials must be protected from being transported from the site by the forces of wind or water. This includes sand for stucco, drywall demolition debris, drywall "mud" packaging, etc.
- Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Sails may not be washed into the drainage system.
- Non Storm water runoff from equipment and vehicle washing and any other activity shall be contained at the site.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions must be made to retain concrete wastes on site until they can be disposed of as a solid waste.
- Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
- Sediments and other material may not be traced from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.

DESIGN PROFESSIONALS

Architect: BURKE ADVISORS, Inc.
 4141 STATE STREET, SUITE C 4.1
 SANTA BARBARA CA 93110
 Ph: 805-954-8800
 Fax: 805-293-8535

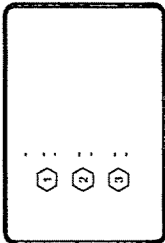
Civil Engineer: MAC Design Associates
 1933 Cliff Drive, Suite 5
 Santa Barbara CA 93109
 Phone: (805) 957-4748
 Fax: (805) 957-4749

Surveyor: LB Cook and Company
 1029 State Street
 Santa Barbara CA 93101
 Phone: (805) 955-5105
 Fax: (805) 955-5174

Mechanical Engineer: Mechanical Engineer
 Title 24 Engineer
 Mechanical Engineering Consultants
 521 W. Michelletrens Street, Suite A
 Santa Barbara CA 93101
 Phone: (805) 957-4632
 Fax: (805) 957-4634

Electrical Engineer: Electrical Engineer
 SAFE Electrical Engineering
 155 W. Alvarado, Suite B
 Santa Barbara CA 93105
 Phone: (805) 559-9216
 Fax: (805) 559-2405

JOB NO.: 2008-003
 DATE: 04-03-2007



Burke Design
 4141 State Street, C4.1
 Santa Barbara, CA 93110
 Phone: 805-954-8800
 Fax: 805-293-8535

PROJECT: Renco Clean Room
 25 Coronar Drive, Goleta CA 93117
 Representative: Dan Bonker
 Phone: (805) 292-1130, Fax: 805-405-7005

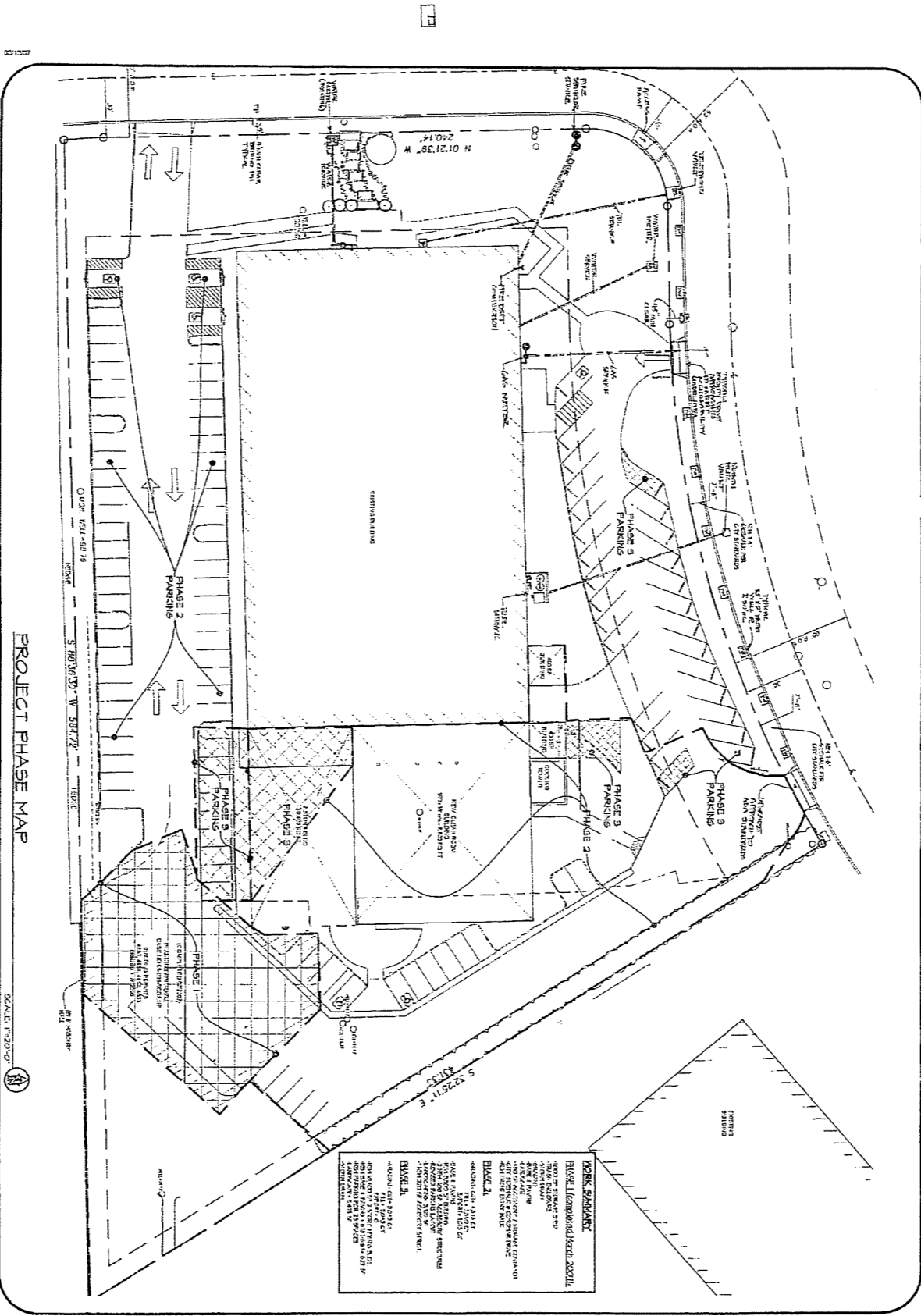
DESCRIPTION: COVER SHEET & SITE STATISTICS

DRAWN BY:

SHEET
COVER
 1

RENCO CLEAN ROOM

RECEIVED
 MAY 6 2007



PROJECT PHASE MAP

SCALE: 1"=20'-0"

WORK SUMMARY
 PHASE I: Foundations, walls, and roof structure.
 PHASE II: Interior structure, including floors, walls, and ceiling.
 PHASE III: Exterior finishes, including siding, windows, and doors.
 PHASE IV: Landscaping, including lawns, walkways, and parking areas.

SHEET P.M.	DESCRIPTION: PROJECT PHASE MAP	 Burke Design 4141 State Street, CA 1 Soledad, CA 95110 Phone: 805-466-8808 Fax: 805-253-8228	JOB NO.: 228-402 DATE: 04-03-2007
	PROJECT: Ranco Clean Room 20 Coronar Circle, Soledad, CA 95117 Owner's Representative: Tom Zagar Phone: 505-552-1133, Fax: 505-623-7965		

GENERAL NOTES:

- 1. THE FOLLOWING NOTES, TYPICAL DETAILS AND SCHEDULES SHALL APPLY TO ALL PHASES OF THIS PROJECT UNLESS OTHERWISE SHOWN OR NOTED.
2. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE MEDIUM STANDARDS OF THE LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) OR CALIFORNIA BUILDING CODE AND SUCH OTHER REGULATING AGENCIES EXERCISING AUTHORITY OVER ANY PORTION OF THE WORK. THE CONTRACTOR SHALL HAVE A COPY OF THE IBC/CBC ON THE JOB SITE.
4. THE CONTRACTOR SHALL EXAMINE THE DRAINAGE AND SPECIFICATIONS (CONTRACT DOCUMENTS) AND SHALL NOTIFY THE ARCHITECT OR ENGINEER OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK.
5. ALL INFORMATION ON EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED ON BEST PRESENT KNOWLEDGE AVAILABLE BUT WITHOUT GUARANTEE OF ACCURACY. THE CONTRACTOR SHALL VERIFY AND CONTROL THE ACCURACY OF ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE ARCHITECT OR ENGINEER OF ANY DISCREPANCIES BETWEEN ACTUAL SITE CONDITIONS AND INFORMATION SHOWN ON DRAWINGS OR IN THE SPECIFICATIONS (CONTRACT DOCUMENTS) BEFORE PROCEEDING WITH THE WORK.
6. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER OF ANY CONDITION WHICH IN HIS OPINION MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS OF THE STRUCTURE.
7. ALL WORK SHALL CONFORM TO THE BEST PRACTICE PREVAILING IN THE VARIOUS TRADES CONCERNED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES.
8. THESE NOTES, DETAILS, DRAWINGS AND SPECIFICATIONS (CONTRACT DOCUMENTS) REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.
9. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR INFORMATION NOT COVERED BY THESE DRAWINGS AND GENERAL NOTES.
10. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND SHORING FOR ALL STRUCTURAL MEMBERS AS REQUIRED FOR STRUCTURAL STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
11. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE PROPER ALIGNMENT OF THE STRUCTURE AFTER THE INSTALLATION OF ALL STRUCTURAL AND FINISH MATERIALS. THEREON SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE FINAL POSITION OF THE COMPLETED WORK.
12. OBSERVATION VISITS TO THE PROJECT SITE BY FIELD REPRESENTATIVES OF ARCHITECT AND/OR ENGINEER (SUPPORT SERVICES) SHALL NOT INCLUDE INSPECTIONS OF SAFETY OR PROTECTIVE MEASURES, NOR CONSTRUCTION PROCEDURES, TECHNIQUES OR METHODS. ANY INSPECTIONS BY ARCHITECT OR ENGINEER DURING ANY PHASE OF CONSTRUCTION SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED INSPECTIONS BY ARCHITECT AND/OR ENGINEER THROUGHOUT CONSTRUCTION, (I.E. LOCAL BUILDING DEPARTMENT) PROVIDED BY OTHERS. THESE SUPPORT SERVICES, WHETHER OF MATERIAL OR WORK ARE PERFORMED SOLELY FOR THE PURPOSE OF ASSESSING QUALITY ASSURANCE AND IN ACHIEVING CONFORMANCE WITH CONTRACT DOCUMENTS, BUT DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.
13. PROVIDE OPENINGS AND SUPPORTS AS REQUIRED FOR TYPICAL DETAILS AND NOTES FOR MECHANICAL AND ELECTRICAL EQUIPMENT. VENTS, DUCTS, PIPES, ETC. ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT SHALL BE PROPERLY SHIMMED AND BRACED AGAINST LATERAL FORCES.
14. THESE NOTES, DETAILS, DRAWINGS AND SPECIFICATIONS (CONTRACT DOCUMENTS) DO NOT CARRY NECESSARY PROVISIONS FOR CONSTRUCTION SAFETY. THESE DOCUMENTS AND ALL PHASES OF CONSTRUCTION HEREBY CONTINGLED ARE TO BE GOVERNED, AT ALL TIMES BY APPLICABLE PROVISIONS OF THE CURRENT CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT.
15. IF ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT WILL GOVERN.
16. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE WITH STRUCTURAL DRAWINGS AND ANY DISCREPANCY BETWEEN THESE DRAWINGS SHALL BE REFERRED TO THE ARCHITECT OR ENGINEER FOR CLARIFICATION BEFORE START OF CONSTRUCTION.
17. WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
18. DRAWINGS, NOTES, SCHEDULES, DETAILS AND PLANS SHALL HAVE PRECEDENCE OVER STRUCTURAL CALCULATIONS.
19. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATIONS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.
20. CONTRACTOR SHALL HAVE A COPY OF PROJECT SOLS/GEOTECHNICAL FOUNDATION INVESTIGATION ON THE JOB SITE.
21. A.S.T.M. DESIGNATION AND ALL STANDARDS REFER TO THE LATEST AMENDMENTS.
22. MODIFICATIONS OF THESE NOTES, DETAILS, PLANS AND SPECIFICATIONS SHALL NOT BE MODIFIED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT OR ENGINEER.
23. ONLY 'APPROVED' STRUCTURAL WORKING DRAWINGS (AND OTHER CONSTRUCTION DOCUMENTS) ARE PERMITTED TO BE USED FOR CONSTRUCTION OF THIS PROJECT. ALL OTHER DRAWINGS ARE OBSOLETE AND ARE NOT PERMITTED ON THE JOB SITE. FOR ALL OTHER DRAWINGS ARE OBSOLETE AND ARE NOT PERMITTED ON THE JOB SITE. FOR ALL OTHER DRAWINGS ARE OBSOLETE AND ARE NOT PERMITTED ON THE JOB SITE. FOR ALL OTHER DRAWINGS ARE OBSOLETE AND ARE NOT PERMITTED ON THE JOB SITE.
24. STRUCTURAL NOTES ON THIS SHEET SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT THAT PLANS AND ENGINEERING PREPARED BY A LICENSED STRUCTURAL OR CIVIL ENGINEER SHALL TAKE PRECEDENCE OVER THESE NOTES.

FOUNDATION NOTES:

- 1. UNDESIGNED SOIL CONDITIONS, ALLOWABLE VALUES AND FOUNDATION DESIGN ARE BASED UPON SOIL CONDITIONS SHOWN BY TEST BORINGS. ACTUAL SOIL CONDITIONS WHICH DEVIATE FROM THE TEST BORINGS THAT SHOWN IN THE TEST BORINGS SHALL BE REPORTED TO THE PROJECT SOILS ENGINEER.
2. SEE SOILS OR FOUNDATION INVESTIGATION FOR CONFACTION, FILL, BACKFILLING, AND SITE PREPARATION REQUIREMENTS AND PROCEDURES.
3. EXCAVATE TO REQUIRED DEPTHS AND DIMENSIONS (AS INDICATED IN DRAWINGS), CUT SQUARE AND SMOOTH WITH FINISH LEVEL BOTTOMS. CARE SHALL BE TAKEN NOT TO OVER EXCAVATE AND SUCH OTHER NECESSARY MEASURES EXERCISING AUTHORITY OVER HIGH ELEVATION.
4. FOOTINGS SHALL BE POURED IN NEAT EXCAVATIONS, WITHOUT SIDE FORMS UNLESS OTHERWISE POSSIBLE. A CONCRETE VIBRATOR SHALL BE USED WHEN PLACING ALL CONCRETE.
5. CARRY ALL FOUNDATIONS TO REQUIRED DEPTHS INTO COMPACTED FILL OR NATURAL SOIL (AS PER STRUCTURAL PLANS AND DETAILS, AND PROJECT SOILS REPORT).
6. FOUNDATIONS SHALL NOT BE POURED UNTIL ALL REQUIRED REINFORCING STEEL, SLEEVES, INSERTS, CONDUIT, PIPES, ETC. AND FRAMEWORK IS PROPERLY PLACED AND INSPECTED BY THE LOCAL BUILDING OFFICIAL/INSPECTOR.
7. THE SIDES AND BOTTOMS OF EXCAVATIONS WHICH ARE TO HAVE CONCRETE CONTACT MUST BE MOISTENED SEVERAL TIMES JUST PRIOR TO POURING UPON THEM.
8. DE-WATER FOOTINGS AS REQUIRED TO MAINTAIN DRY WORKING CONDITIONS.
9. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY PROJECT SOILS ENGINEER PRIOR TO POURING AND PLACEMENT OF REINFORCING OR CONCRETE.

CONCRETE

- 1. ALL CONCRETE SHALL HAVE A MEDIUM ULTIMATE COMPRESSIVE STRENGTH OF 2500 P.S.I. AT 28 DAYS. ALL CONCRETE SHALL BE REGULAR HEIGHT UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL CONCRETE WORK SHALL CONFORM WITH U.S.G.C. CHAPTER 11.
3. SPECIAL INSPECTION (AS REQUIRED OR SPECIFIED) SHALL CONFORM TO U.S.G.C. CHAPTER 11. SPECIAL INSPECTION SERVICES SHALL BE PROVIDED BY AN I.C.S.G. CERTIFIED DUTY INSPECTOR OR BUILDING DEPARTMENT APPROVED ENGINEER.
4. CE-EMT SHALL BE PORTLAND CEMENT TYPE I OR II AND SHALL CONFORM TO U.S.G.C. STANDARD NO. 15.1.
5. AGGREGATES SHALL CONFORM TO A.S.T.M. C-33.
6. UNLESS SPECIFICALLY DETAILED, THE MEDIUM CONCRETE COVER ON REINFORCING STEEL SHALL BE:
a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH OR WEATHER: 3"
b. CONCRETE PLACED AGAINST FORMS, BUT EXPOSED TO EARTH OR WEATHER: 2"
c. SLABS, WALLS, JOISTS, NOT EXPOSED TO EARTH OR WEATHER: 1 1/2"
d. BEAMS, GIRDERS & COLUMNS, NOT EXPOSED TO EARTH OR WEATHER: 1 1/2"
7. REINFORCING BARS LARGER THAN #8 ARE NOT PERMITTED UNLESS SPECIFICALLY DETAILED OR NOTED OTHERWISE.
8. MEDIUM LAP FOR ALL REINFORCING BARS AT SPLICES (SPLICES TO BE STAGGERED)
#3, #4, #5 & #6: 34"
#7: 38"
#8: 42"
#9: 46"
#10: 50"
9. THE MINIMUM RADIIUS OF BEND FOR REINFORCING STEEL (MEASURED ON THE SIZE OF BAR) SHALL BE AS FOLLOWS:
#3: 1 1/2" #4: 2" #5: 2 1/2" #6: 3" #7: 3 1/2" #8: 4" #9: 4 1/2" #10: 5"
10. ALL ANCHOR BOLTS USED IN CONCRETE CONSTRUCTION SHALL HAVE A MEDIUM TOTAL EMBEDMENT AS FOLLOWS:
5/8" DIA. OR SMALLER: 7"
3/4" DIA.: 8"
1" DIA.: 9"
1 1/4" DIA.: 10"
11. LOCATION OF ALL CONSTRUCTION JOINTS OTHER THAN SPECIFIED SHALL BE APPROVED BY ARCHITECT OR ENGINEER PRIOR TO POURING. CONSTRUCTION JOINTS SHALL BE THOROUGHLY AIR AND WATER CLEANED AND HEAVILY ROUGHENED SO AS TO EXPOSE COARSE AGGREGATE. ALL SURFACES OF JOINTS SHALL BE MAINTAINED CONTINUOUSLY WET AT LEAST THREE HOURS IN ADVANCE OF POURING.
12. ALL REINFORCING STEEL, ANCHOR BOLTS, DOUELS, INSERTS AND ANY OTHER HARDWARE TO BE SET IN CONCRETE SHALL BE WELL SEALED IN POSITION PRIOR TO POURING ANY CONCRETE.
13. ARCHITECT OR ENGINEER AND INSPECTOR SHALL BE NOTIFIED FOR REINFORCING INSPECTION PRIOR TO POURING ANY CONCRETE.
14. CONTRACTOR SHALL OBTAIN APPROVAL FROM ARCHITECT/ENGINEER PRIOR TO PLACING CONCRETE BEHIND WALLS, CEILING, ROOF AND OTHER STRUCTURAL CONCRETE BEHIND WALLS, CEILING AND ROOF SLABS UNLESS SPECIFICALLY DETAILED OR NOTED. ALL REINFORCING PASSING THROUGH CONCRETE MEMBERS SHALL BE SLEWED WITH STANDARD STEEL PIPES. SEE DETAIL FOR SLEW AT FOUNDATION.
15. FORMWORK DESIGN AND REMOVAL SHALL CONFORM TO U.S.G.C. SECTION 100.
16. VIBRATE ALL CONCRETE (EXCLUDING SLABS ON GRADE) AS IT IS PLACED WITH A MECHANICAL VIBRATOR OPERATED BY ELECTRIC MOTOR. THE VIBRATOR SHALL BE USED TO CONSOLIDATE THE CONCRETE, NOT TRANSPORT IT. REINFORCING AND FORMS SHALL NOT BE VIBRATED.
17. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE A.C.I. BUILDING CODE (A.C.I. 308-99) AND THE LATEST EDITIONS OF THE A.C.I. MANUALS OF CONCRETE PRACTICE.
18. FORM REMOVAL: REMOVE FORMS IN ACCORDANCE WITH THE FOLLOWING SCHEDULES:
SIDE FORMS FOOTINGS: MEDIUM 2 DAYS
EDGE FORMS OF SLAB ON GRADE STRIP: MEDIUM 1 DAY
19. CONCRETE SHALL NOT FREE FALL MORE THAN SIX FEET. USE TRUCK, PUMP OR OTHER APPROVED METHODS.
20. CONCRETE SHALL BE MAINTAINED IN A MOIST CONDITION FOR A MEDIUM OF 5 DAYS AFTER PLACEMENT.
21. CONTRACTOR SHALL SUBMIT REQUESTS FOR USE OF ADMIXTURES TO ARCHITECT/ENGINEER FOR HIS REVIEW.
22. MIX DESIGNS SHALL BE PREPARED BY AN APPROVED TESTING LABORATORY AND SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.
23. ONLY ONE GRADE OF CONCRETE SHALL BE ALLOWED ON PROJECT SITE AT ANY ONE TIME.
24. UNLESS SPECIFICALLY DETAILED OR NOTED OTHERWISE, CONSTRUCTION AND CONTROL JOINTS SHALL BE PROVIDED IN ALL CONCRETE SLABS AND SHALL BE LOCATED SUCH THAT THE AREA WITHIN JOINTS DOES EXCEED 400 SQ. FT. AND IS ROUGHLY SQUARE.

REINFORCING STEEL:

- 1. ALL REINFORCING STEEL SHALL BE DEFORMED INTERMEDIATE GRADE BARS CONFORMING TO A.S.T.M. A-615, GRADE 40 UNLESS OTHERWISE NOTED.
2. REINFORCING STEEL SHALL NOT BE HELDED, UNLESS SPECIFICALLY NOTED OTHERWISE.
3. HELDING OF REINFORCING STEEL (WHERE SPECIFICALLY NOTED OR DETAILED) SHALL CONFORM TO U.S.G.C. STANDARD NO. 15.4.
4. TO HOLD REINFORCING BARS IN THEIR TRUE POSITION AND PREVENT DISPLACEMENT, STANDARD TIE AND ANCHORAGE DEVICES MUST BE PROVIDED. PLACES OF REINFORCING SHALL CONFORM TO U.S.G.C. SECTION 101.5.
5. SHOP DRAWINGS FOR FABRICATION OF ANY REINFORCING STEEL SHALL BE APPROVED BY CONTRACTOR AND SUBMITTED TO ARCHITECT OR ENGINEER FOR HIS REVIEW PRIOR TO FABRICATION.
6. REFER TO CONCRETE AND CONCRETE BLOCK NOTES FOR MEDIUM SPLICE LENGTH AND MEDIUM RADIIUS OF BEND, OF REINFORCING STEEL.
7. STAGGER SPLICES IN REINFORCING STEEL, UNLESS SPECIFICALLY NOTED OTHERWISE.
8. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
9. FABRICATION, ERECTION AND PLACEMENT OF REINFORCING STEEL SHALL CONFORM TO CONCRETE REINFORCING STEEL INSTITUTE OF STANDARD PRACTICE.
10. ALL WIRE MESH SHALL CONFORM TO A.S.T.M. A-185. LAP ALL WIRE MESH TWO MODULES.
11. REINFORCING STEEL SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIAL LIKELY TO IMPAIR BOND.

STRUCTURAL STEEL AND WELDING

- 1. ALL STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. A-36 AND U.S.G.C. STANDARD 22-1.
2. SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL STRUCTURAL WELDING, IN ACCORDANCE WITH U.S.G.C. CHAPTER 11.
3. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH A.S.T.M. SPECIFICATIONS AND CODE OF STANDARD PRACTICE AS APPLICABLE TO DATE.
4. ALL WELDING SHALL BE DONE BY QUALIFIED AND CERTIFIED WELDERS.
5. NO FELD WELDING PERMITTED, UNLESS SPECIFICALLY NOTED OTHERWISE.
6. SHOP DRAWINGS FOR THE FABRICATION OF ANY STRUCTURAL STEEL SHALL BE APPROVED BY CONTRACTOR AND SUBMITTED TO ARCHITECT OR ENGINEER FOR HIS REVIEW PRIOR TO FABRICATION.
7. NO HOLES OTHER THAN THOSE SPECIFICALLY DETAILED SHALL BE ALLOWED THROUGH STRUCTURAL STEEL MEMBERS. BURNING OF HOLES IS NOT PERMITTED.
8. STEEL PIPE COLUMNS SHALL BE HELDED SEAMLESS PIPE CONFORMING TO A.S.T.M. A-53, GRADE B UNLESS NOTED OTHERWISE.
9. ALL STRUCTURAL STEEL SHALL BE PAINTED ONE SHOP COAT AND FELD TOUCH-UP WITH RED LEAD (OR APPROVED ZINC CHROMATE PRIMER) AS NECESSARY.
10. ALL BOLTS SHALL CONFORM TO A.S.T.M. A-307 (M.O.N.).
11. ALL WELDING SHALL CONFORM TO 'AWG' SPECIFICATION FOR WELDING (E-10XX ELECTRODES).
12. ALL HEADED STUDS (FOR CONCRETE ANCHORAGE) SHALL BE MANUFACTURED BY NELSON OR APPROVED EQUAL.
13. STRUCTURAL TIE COLUMNS SHALL BE A.S.T.M. A500 GRADE B (M.O.N.).
14. WHERE FILLET WELD SIZE IS NOT INDICATED, USE 'AWG' MEDIUM BASED ON THE THICKNESS OF THE THINNER PART BEING WELDED, AS SPECIFIED IN A.S.T.M. MANUAL OF STEEL CONSTRUCTION, 5TH EDITION SECTION 11.2.
15. ALL BUTT WELDS TO BE FULL PENETRATION UNLESS SPECIFICALLY NOTED OTHERWISE.
16. WELDER QUALIFICATION REQUIREMENTS, WELDER PROCEDURE AND WELDING ELECTRODES FOR ALL STRUCTURAL STEEL (EXCEPT STRUCTURAL SHEET STEEL, SEE STEEL DECKING) SHALL CONFORM TO U.S.G.C. STANDARD NO. 22-1.
17. FABRICATION, ERECTION AND WELDING OF STRUCTURAL STEEL SHALL CONFORM TO U.S.G.C. STANDARD NO. 22-1.
18. PROVIDE HOT DIP GALVANIZING OR 3" MEDIUM CONCRETE COVER AROUND ALL STRUCTURAL STEEL, BELOW GRADE.
19. STRUCTURAL STEEL EMBEDDED INTO CONCRETE OF MASONRY SHALL BE UNPAINTED.
20. UNLESS OTHERWISE SPECIFICALLY NOTED, ALL STRUCTURAL STEEL SHALL BE UNPAINTED.

LUMBER/FRAMING

- 1. LUMBER GRADES: DOUGLAS FIR-LARCH
2X STUDS BLOCKING 1 PLATES
BEARING WALLS: 1/2" OR BETTER
NON-BEARING WALLS: 1/2" OR BETTER
2X JOISTS: 1/2" OR BETTER
4X BEAMS: 1/2" OR BETTER
6X BEAMS: EXPOSED (INT/EXT): 1/2" OR BETTER
4X POSTS: 1/2" OR BETTER
6X POSTS: 1/2" OR BETTER
2. FOUNDATION SILL PLATES SHALL BE CALIFORNIA REDWOOD (CLOSE GRAIN) OR PRESERVE TREATED DOUGLAS FIR. SEE SHEAR WALL SCHEDULES AND FOUNDATION PLAN FOR ANCHOR BOLT SIZE AND SPACING. SEE CARPENTRY/FRAMING NOTE #6.
3. PLYWOOD SHALL BE C.D.X. STRUCTURAL II (OR BETTER) WITH EXTERIOR GLUE AS GRADED BY A.P.A. PLYWOOD SHALL CONFORM TO U.S.G.C. STANDARD NO. 22-2 AND UNITED STATES PRODUCT STANDARDS PS1-95 OR PS 2-02 (FOR CE2).
4. LUMBER SHALL CONFORM TO U.S.G.C. STANDARD NO. 22-1.
5. MAXIMUM MOISTURE CONTENT FOR ALL STRUCTURAL MEMBERS SHALL NOT EXCEED 18% (UNLESS SPECIFICALLY NOTED OTHERWISE).

FASTENERS

- 1. NAILING FOR FRAMING SHALL BE WITH COMMON NAILS (M.O.N.).
2. LAG SCREWS SHALL BE SCREWED INTO PREDRILLED HOLES. CLEARANCE HOLE FOR THE SHANK PORTION AND LEAD HOLE FOR THREADED PORTION SHALL BE DRILLED IN ACCORDANCE WITH U.S.G.C. SECTION 22.11.2.
3. BOLTS SHALL HAVE STANDARD CAST IRON MALLEABLE IRON WASHERS (UNLESS USED WITH METAL SIDE PLATES OR ANGLES).
4. BOLT HOLES THROUGH LUMBER SHALL BE DRILLED 1/8" LARGER THAN BOLT DIAMETER.
5. ALL BOLTS SHALL CONFORM TO A.S.T.M. 307.
6. WASHERS AT EACH BOLT HEAD AND NUT, AT LOCATIONS WITH NO METAL SIDE PLATES.
7. BOLT TIGHTENING: TAKE UP SPUS AND RETIGHTEN AT THE LATEST PRACTICABLE TIME DURING CONSTRUCTION.
8. NAILS SHALL NOT BE DRIVEN CLOSER THAN 1/4" OF THEIR LENGTH, NOT CLOSER TO THE EDGE OF THE MEMBER THAN 1 1/2" LENGTH, EXCEPT FOR SHEATHING.
9. SUB-BORE WHEN NAILS TEND TO SPLIT WOOD. SUB-BORE FOR 20D AND LARGER NAILS. DRILL DIAMETER SHALL BE 0.15 TIMES NAIL DIAMETER.
10. PROVIDE 2" X 2" X 3/8" STEEL PLATE WASHER AT ALL ANCHOR.

CARPENTRY/FRAMING:

- 1. SEE U.S.G.C. TABLE 23-11.1-1 FOR MINIMUM NAILING REQUIREMENTS.
2. METAL FRAMING ANCHORS, ANCHORS, CLIPS, STRAPS, TIES, HOODS, ETC. SHALL BE MANUFACTURED BY SHERMAN IRONWORKS CO. OR AN APPROVED EQUAL.
3. PLYWOOD USED IN ROOFS, FLOORS AND DECKS SHALL BE PLACED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. PLYWOOD SHEETS SHALL BE STAGGERED.
4. FACE NAIL ALL DOUBLES (AND TRIPLES) 2X STUDS AND JOISTS TOGETHER WITH #60 AT 12" O.C., STAGGER NAILS TOP & BOTTOM.
5. PROVIDE 2X SOLID FINE BLOCKING IN ALL STUD WALLS AT 8'-0" (MAX) VERTICAL SPACING.
6. UNLESS OTHERWISE NOTED, THE MEDIUM SILL PLATE BOLTING SHALL BE 5/8" DIA. X 10' ANCHOR BOLT AT 8'-0" O.C. THESE SHALL BE A MINIMUM OF TWO BOLTS PER PLATE WITH ONE BOLT NAILING TO 1/4" OF EACH END OF PLATE. SEE LUMBER/FRAMING NOTE #2 AND FASTENERS NOTE #1.
7. INTERIOR NON-BEARING, NON-SHEAR STUD WALL SILL PLATES SHALL BE SECURED TO CONCRETE SLABS WITH 'MULTI' TYPE X DMT2 SHOT PINS @ 16" O.C. WITH STEEL WASHERS. INSTALLATION SHALL CONFORM TO U.S.G.C. REPORT NO. 12-0.
8. IN GENERAL, PLYWOOD PANEL EDGES (FOR BEARING WALLS, ROOFS, FLOORS AND DECKS) SHALL BEAR ON FRAMING MEMBERS (OR FRAMING) AND SITT ALONG THEIR CENTER LINES.
9. PLACE BEAMS WITH NATURAL GRAIN UPWARD.
10. UNLESS OTHERWISE SPECIFICALLY NOTED OR DETAILED, BLOCKING IN CONTINUOUS DOBLE 2X STUD WALLS SHALL BE LAPPED 4'-0" (MUL) WITH 1/2" O.C. (STAGGERED).
11. WHERE WOOD WALLS ABUT CONCRETE OR MASONRY WALLS, THE 2X STUD (P.T.D.F. OR REDWOOD) SHALL BE BOLTED TO CONCRETE/MASONRY WITH #4 DIA. (MUL) EMBEDMENT OF 2/3 WALL THICKNESS (FROM TOP AND BOTTOM OF STUD AND AT 4'-0" O.C.).
12. PROVIDE 2X SOLID BLOCKING BETWEEN ALL JOISTS AND RAFTERS AT ALL SUPPORTS AND UNDER ALL PARTITIONS. PROVIDE 2X SOLID BLOCKING (OR APPROVED BRIDGING) AT 8'-0" CENTER TO CENTER OF 2 X 4'S AND LARGER JOIST AND RAFTERS.
13. NO STRUCTURAL MEMBERS (JOISTS, STUDS, BEAMS, COLUMNS, ETC.) SHALL BE NOTCHED, CUT OR DRILLED (EXCEPT FOR THOSE HOLES REQUIRED FOR BOLTING) UNLESS SPECIFICALLY NOTED (SEE NOTE #4 & #5) OR DETAILED OTHERWISE, OR WITH WRITTEN APPROVAL FROM ARCHITECT/ENGINEER.
14. HOLES AND NOTCHES IN JOISTS:
a. NOTCHES IN THE TOP & BOTTOM OF JOISTS SHALL NOT EXCEED ONE SIXTH THE DEPTH AND BE LOCATED IN THE MIDDLE THIRD OF SPAN OR WITHIN 1/4" OF SUPPORTS.
b. HOLES BORED IN JOISTS SHALL NOT EXCEED ONE SIXTH OF JOIST DEPTH AND SHALL BE LOCATED WITHIN MIDDLE 2/3 OF SPAN AND WITHIN THE MIDDLE OF JOIST DEPTH.
15. HOLES AND NOTCHES IN STUDS, PLATES AND SILLS: BORED HOLES MAY BE PLACED IN STUDS, PLATES AND SILLS PROVIDED THAT THEY ARE ACCURATELY CENTERED ABOUT STUD, PLATE OR SILL AND ARE 1/2" AWAY AND HOLE DIAMETER DOES NOT EXCEED 2/3 OF STUD WIDTH. STUDS MAY BE NOTCHED PROVIDED NOTCH DEPTH DOES NOT EXCEED 2/3 OF STUD WIDTH. REINFORCE PLATE, SILL OR STUDS AS FOLLOWS:
a. PLATES: 1" X 1/4" STRIP EACH SIDE OF PLATE NAILED WITH 4-60 NAILS EACH SIDE.
b. STUDS: 1" X 1/4" STRIP EACH SIDE OF STUD NAILED WITH 4-60 NAILS EACH SIDE.
c. SILLS: 1" X 1/4" STRIP EACH SIDE OF SILL NAILED WITH 4-60 NAILS EACH SIDE.
16. STUDS, BLOCK ON EACH SIDE OF STUD WITH BLOCK OF SAME MATERIAL, AND DIMENSION AS STUD. BLOCK 2 STUD WIDTHS EACH SIDE OF HOLE AND PROVIDE 3-60 NAILS TO STUD EACH SIDE OF HOLE. BORED HOLES GREATER THAN 2/3 BUT LESS THAN 60% OF STUD WIDTH SHALL BE NOTCHED. STUDS SHALL BE CUT ON EITHER END OF ANY PLATE THROUGH STUD. STUDS MAY BE NOTCHED PROVIDED NOTCH DEPTH DOES NOT EXCEED 2/3 OF STUD WIDTH. SUCCESSIVE DOUBLE STUDS ARE SO BORED AND EACH BORED STUD IS REINFORCED AS ABOVE.
17. GLEUED-LAMINATED LUMBER
1. ALL GLEUED-LAMINATED BEAMS SHALL BE OF THE FOLLOWING:
a. STANDARD LAM BEAMS (SILL) 2X00C DOUGLAS FIR (2X-10B OR 2X10) INDUSTRIAL APPEARANCE GRADE. (2X-14 OR 2X-16 MAY BE USED FOR SIMPLE SPANS).
b. STANDARD LVL (MUL) SHALL BE 1" X 1.5E H6.
1. FB = 2400 P.S.I.
1. FV = 145 P.S.I.
1. E' = 1,900,000 P.S.I.
1. E" = 1,800,000 P.S.I.
c. PARALLAM (PSL) BEAMS SHALL BE 20E H6.
1. FB = 2400 P.S.I.
1. FV = 225 P.S.I.
1. E' = 1,900,000 P.S.I.
1. E" = 1,800,000 P.S.I.
d. ANTHONY POWER BEAMS SHALL BE:
1. FB = 2400 P.S.I.
1. FV = 145 P.S.I.
1. E' = 1,900,000 P.S.I.
1. E" = 1,800,000 P.S.I.
2. THE MANUFACTURER OF THE GLEUED-LAMINATED LUMBER SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARD SPECIFICATIONS FOR STRUCTURAL GLEUED-LAMINATED TIMBER BY THE A.L.T.C.
3. A.L.T.C. INSPECTION CERTIFICATES SHALL BE SUPPLIED TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO INSTALLATION.
4. BEAMS SHALL BE END SEALED AND LOAD BRACKETED FOR PROTECTION DURING SHIPMENT.
5. THE BEAMS SHALL HAVE STANDARD CAMBER UNLESS SPECIFICALLY CALLED OUT OTHERWISE ON DRAWINGS.
6. SHOP DRAWINGS FOR THE FABRICATION OF GLEUED-LAMINATED TIMBER SHALL BE APPROVED BY CONTRACTOR AND SUBMITTED TO THE ARCHITECT/ENGINEER FOR HIS REVIEW PRIOR TO INSTALLATION.
7. GLEUED-LAMINATED BEAMS SHALL NOT BE NOTCHED, OR HAVE HOLES DRILLED THROUGH UNLESS SPECIFICALLY NOTED OTHERWISE.

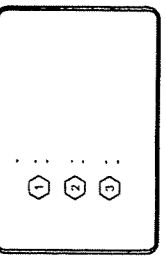
TRUSS NOTES (FLOOR AND ROOF TRUSSES)

- 1. TRUSS MANUFACTURER SHALL BE APPROVED BY LOCAL BUILDING OFFICIAL.
2. EACH TRUSS SHALL BE LEGALLY BRANDED, MARKED OR OTHERWISE HAVE PERMANENTLY AFFIXED THEREON THE FOLLOWING INFORMATION LOCATED WITHIN 2 FEET OF THE CENTER OF THE SPAN ON THE FACE OF THE BOTTOM CHORD:
a. IDENTITY OF THE COMPANY MANUFACTURING THE TRUSS.
b. THE DESIGN LOAD.
c. THE SPACING OF THE TRUSSES.
3. PRIOR TO FABRICATION OF TRUSSES, CONTRACTOR SHALL SUBMIT TRUSS DESIGN CALCULATIONS AND DETAILS (AS PROVIDED BY TRUSS MANUFACTURER) TO ARCHITECT/ENGINEER FOR HIS REVIEW AND TO THE LOCAL BUILDING DEPARTMENT FOR THEIR APPROVAL.
4. TRUSSES SHALL BEAR ON 'BEARING WALLS' ONLY.
5. INTERIOR NON-BEARING WALLS SHALL BE ISOLATED FROM VERTICAL TRUSS LOADS.
6. TRUSSES SHALL BE OF 2X CONSTRUCTION (M.O.N.).
7. TRUSSES SHALL BE BLOCKED AS PER MANUFACTURER'S RECOMMENDATIONS IN ADDITION TO:
a. ALL BEARING POINTS.
b. RIDGE.
8. TRUSSES SHALL BE INSTALLED WITH ALL BEARING HARDWARE, BRACING, BLOCKING, BRACING, PRE-NOTCHED BEARING PLATES (IF DEVELOPED BEARING PLATES AS PER MANUFACTURER'S RECOMMENDATIONS) AND THESE DRAWINGS. THE PRECISE TRUSS SHALL BE INSTALLED PRIOR TO ANY TRUSS LOADING.
9. SEE TRUSS PROFILES (AS PROVIDED).
10. IF TRUSSES ARE TO BE STORED PRIOR TO ERECTION THEY SHALL BE STORED IN A VERTICAL POSITION AND PROTECTED FROM THE WEATHER.
11. TEMPORARY CONSTRUCTION LOADS SHALL NOT BE PLACED ON TRUSSES UNTIL TRUSSES ARE SECURED AND ALL SECTION HARDWARE (BLOCKING, BRACING, BEARING HARDWARE, ETC.) HAS BEEN PLACED. TEMPORARY CONSTRUCTION LOADS SHALL NOT EXCEED ROOF LIVE LOAD.
12. IF ERECTION BRACING IS SPECIFIED, THEN BRACING SHALL REMAIN IN PLACE UNTIL FLOOR/ROOF SHEATHING IS PLACED AND NAILED (OR FASTENED).
13. TRUSS DESIGN CRITERIA:
ROOF: DEAD LOAD = 22 P.S.F.
LIVE LOAD = 20 P.S.F.
FLAT ROOF: 15 P.S.F. ROOF SLOPE EQUAL TO OR GREATER THAN 4/12 DEFLECTION = L/240, DEAD PLUS LIVE LOAD

ABBREVIATIONS

Table with 3 columns of abbreviations and their corresponding full names. Includes terms like AT, FOUND, ANCHOR BOLT, ASPHALT CONC, AIR CONDITIONING, ALUMINUM, ANCHORED, ANNING, BOARD, BEAD, BEAD BLOCK, BUILDING, BLOCKING, BEAM, BOUNDARY NAILING, BOTTOM, CATCH BASIN, CAST IRON, CEILING JOIST, CEILING, CLOSURE, CLEAR, CONC MASONRY UNIT, CLEAN OUT, COLUM, CONNECTION, CONTINUOUS, CORNER, DOUGLAS FIR, DOUBLE HUNG, DOWN, DOWNPOUT, DRAWING, EAST, EASTING, EACH, EQUAL, EXPANSION JOINT, ELEVATION, EDGE NAIL, EQUAL, EQUIP, FORCED AIR UNIT, FR BY OTHER OR OTHERS, FLOOR DRAIN, FRESH FLOOR, FRESH GRADE, FLAT, FRESH, FLOOR LINE, FLASHING, FLOOR, FIELD NAIL, FACE OF CONCRETE, FACE OF FRESH, FACE OF MASONRY, FACE OF PLYWOOD, FACE OF STUD, FRESH DOOR, FOOT OR FEET, FIXED, GAUGE, GALV, GALVANIZED, GIP, GIPFIM, HOLE BESS, HOLLOW CORE HOOD, HOLLOW METAL, HP, HORSE POWER, HOUR, HEATER, HEATWATER COND, HOT WATER RETURN, INVERT, LAMINATED SLABS, LAMINATE, LAG BOLT.

JOB NO.: 2000-003 DATE: 04-03-2007

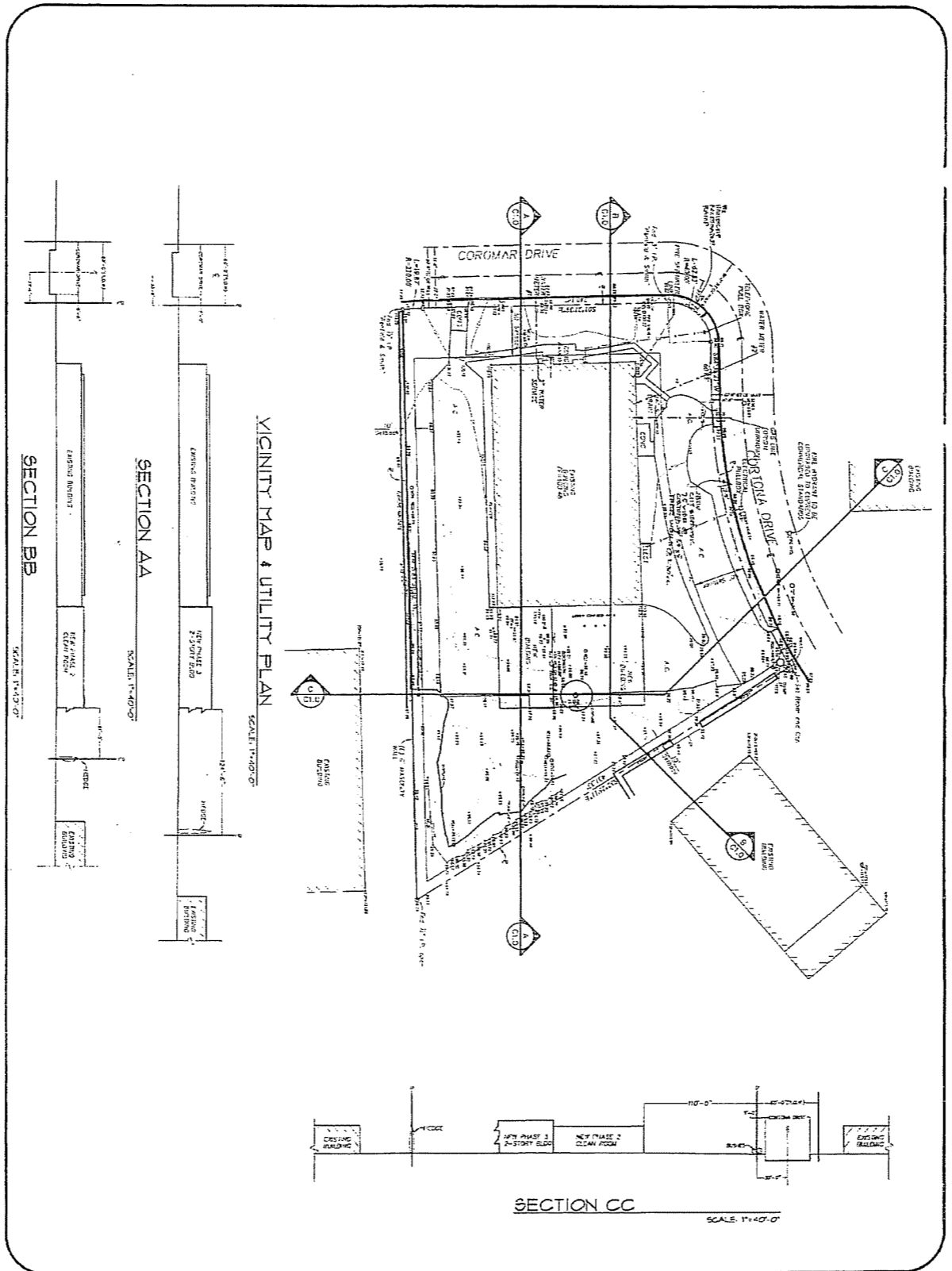


Burke Design
4141 State Street, C4-1
Santa Barbara, CA 93110
Phone: 805-964-8000
Fax: 805-203-8538



DESCRIPTION: GENERAL NOTES
PROJECT: Rencoc Clean Room
26 Coromar Drive, Galata CA 93117
Owner's Representative: Dan Baskin
Phone: 805-562-1130, Fax: 805-685-7905

DRAWN BY:
SHEET: G-1.0



SHEET
C-1.0

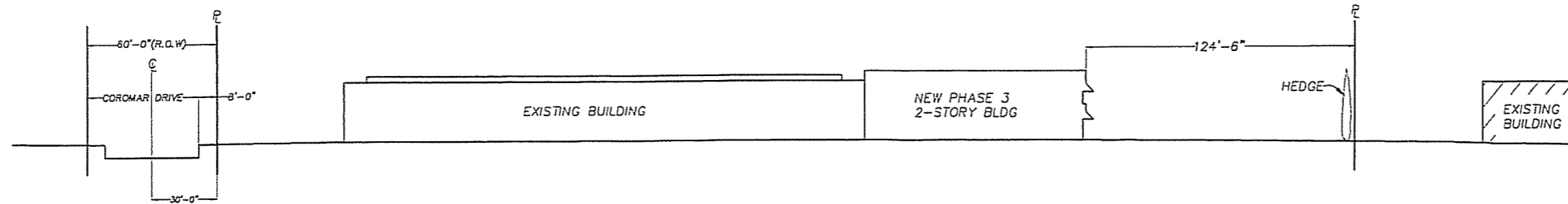
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PROJECT	Rancho Clean Room 25 Coromar Drive, Goleta CA 93117 Owner's Representative: Don Sander Phone: 805-962-1132, Fax: 805-962-1252	DATE:

Burke Design
 4141 State Street, CA-1
 Santa Barbara, CA 93116
 Phone: 805-964-0800
 Fax: 805-293-4334

- ①
- ②
- ③

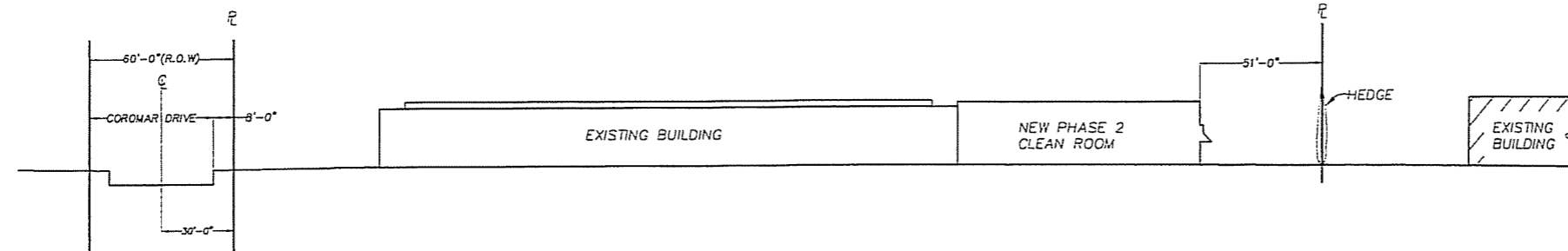
JOB NO.
205-03
DATE
04-03-2007

03/13/07



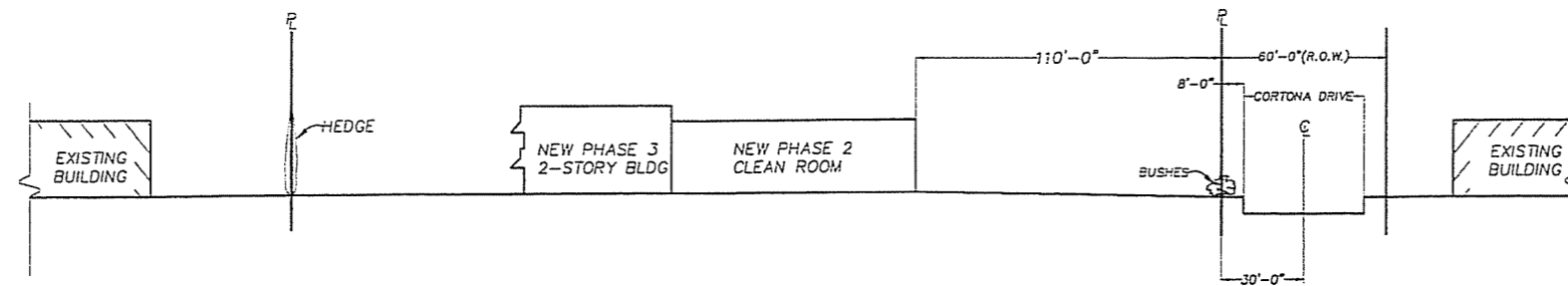
SECTION AA

SCALE: 1"=30'-0"



SECTION BB

SCALE: 1"=30'-0"




SECTION CC

SCALE: 1"=30'-0"

JOB NO.: 2000-003
DATE: 04-03-2007

- 1
- 2
- 3

Burke Design
 4141 Stato Street, CA.1
 Santa Barbara, CA 93110
 Phone: 805-964-0000
 Fax: 805-293-8538

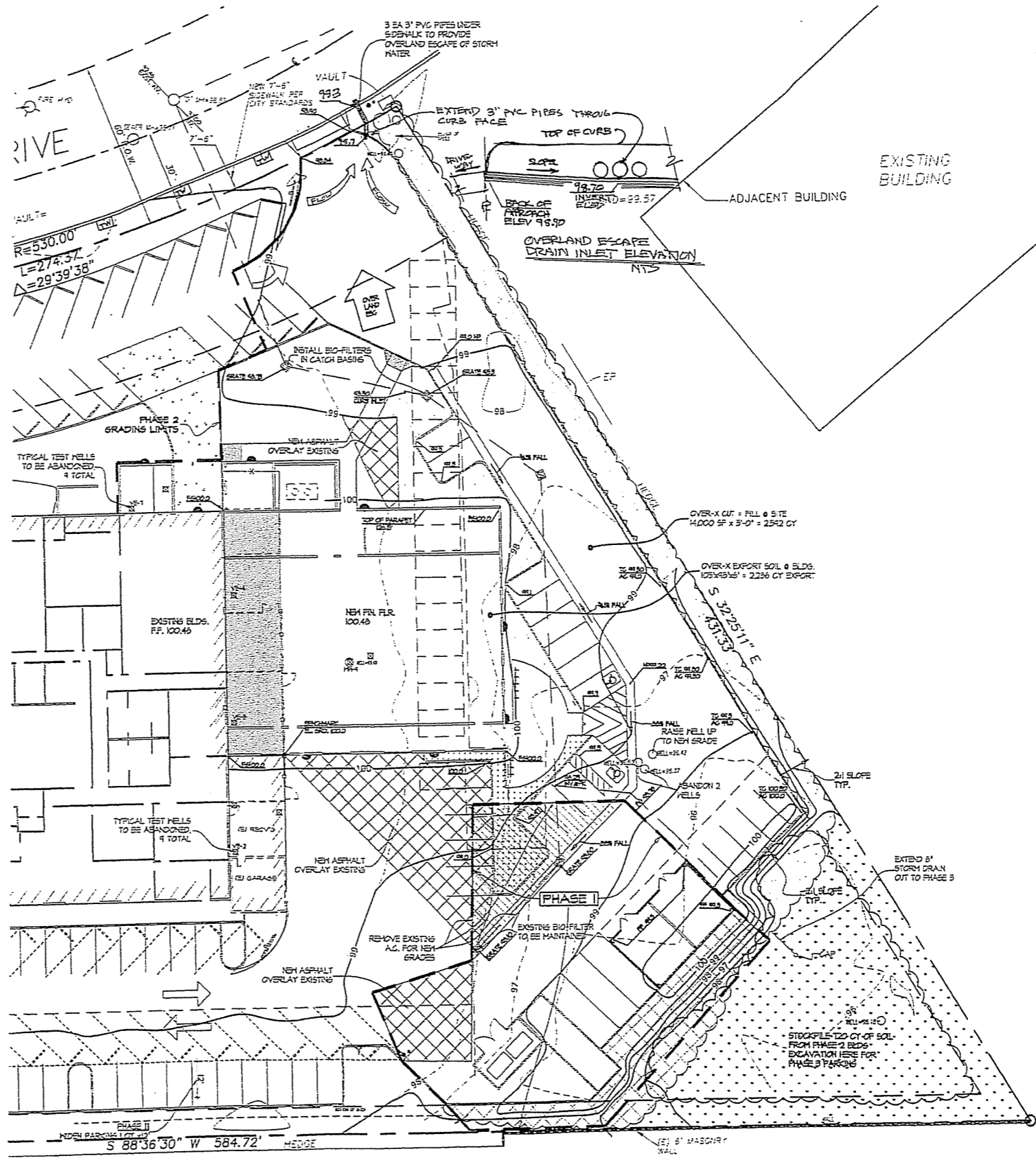


DESCRIPTION: SITE SECTIONS

PROJECT: **Renco Clean Room**
 30 Cortona Drive, Calicut CA 93117
 Cortona, CA
 Phone: 805-562-1130, Fax: 805-685-7005

DRAWN BY:

SHEET
C-1.1

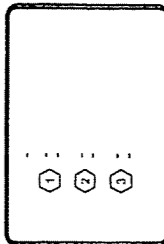


PHASE 2 GRADING & DRAINAGE PLAN

SCALE: 1"=20'-0"



JOB NO.: 2009-003
DATE: 04-03-2007



Burke Design
4141 State Street, CA.1
Santa Barbara, CA 93110
Phone: 805-964-0800
Fax: 805-293-0538

DESCRIPTION: PHASE 2 GRADING & DRAINAGE PLAN

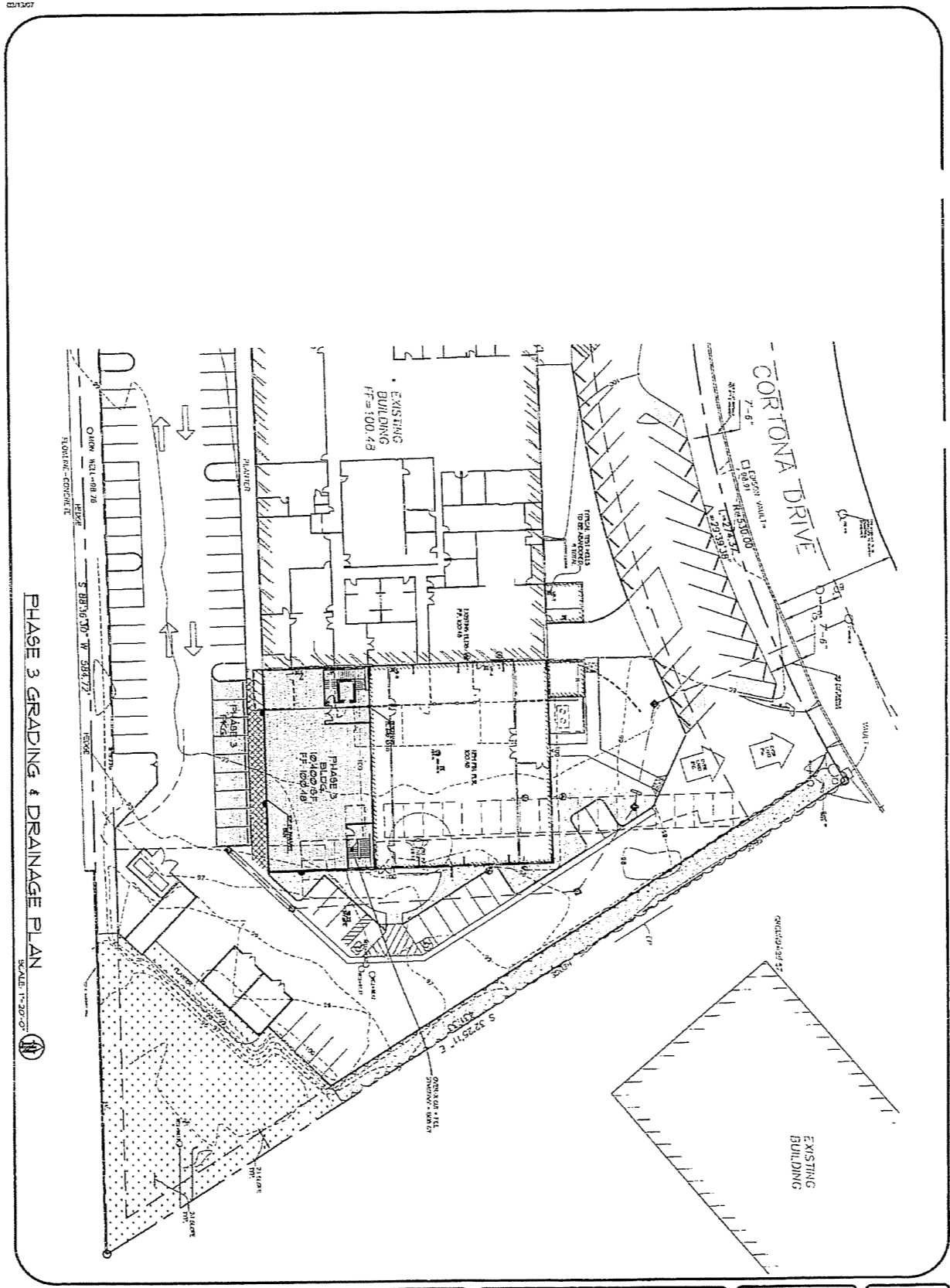
DRAWN BY:

PROJECT: **Renco Clean Room**
28 Curran Drive, Goleta CA 93117
Owner's Representative: Dan Buxtor
Phone: 805-582-1130, Fax: 805-885-7005

SHEET
C-2.1

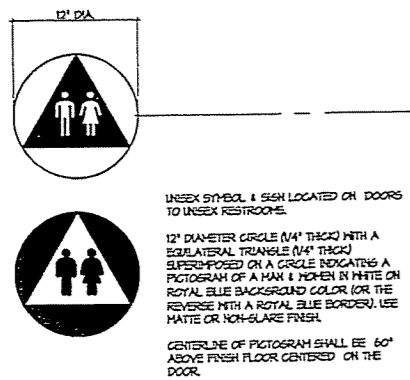
03/13/07

02/13/07



PHASE 3 GRADING & DRAINAGE PLAN
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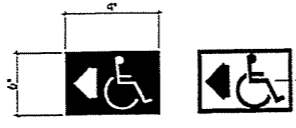
SHEET C-3.1	DESCRIPTION: PHASE 3 GRADING & DRAINAGE PLAN			DATE 04-03-2007
	PROJECT	DRUMBY		



UNISEX SYMBOL & SIGN LOCATED ON DOORS TO UNISEX RESTROOMS.

12" DIAMETER CIRCLE (1/4" THICK) WITH AN EQUILATERAL TRIANGLE (1/4" THICK) SUPERIMPOSED ON A CIRCLE INDICATING A PICTOGRAM OF A MAN & WOMEN IN WHITE ON ROYAL BLUE BACKGROUND COLOR (OR THE REVERSE WITH A ROYAL BLUE BORDER). USE MATTE OR NON-SLARE FINISH.

CENTERLINE OF PICTOGRAM SHALL BE 60" ABOVE FINISH FLOOR CENTERED ON THE DOOR.

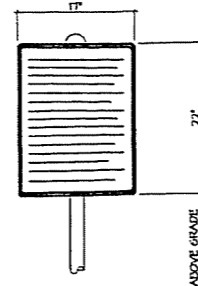


DIRECTIONAL SYMBOL. LOCATE PICTOGRAM AS SHOWN ON PLANS TO INDICATE DIRECTION OR LOCATION OF PRIMARY HANDICAPPED ENTRANCES, VISIBLE FROM APPROACHING PEDESTRIAN MATS.

6 1/2" 6" SIGN (1/4" THICK) IN PROFILE VIEW OF WHEEL-CHAIR AND OCCUPANT IN WHITE ON ROYAL BLUE BACKGROUND COLOR (OR THE REVERSE WITH A BLUE BORDER). USE MATTE OR OTHER NON-SLARE FINISH.

CENTERLINE OF PICTOGRAM SHALL BE 60" ABOVE FINISH FLOOR OR FINISH GRADE.

SEE PLAN FOR DIRECTION OF ARROWS.



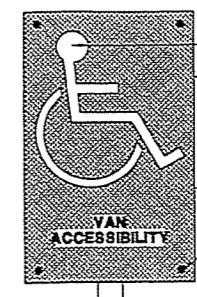
DRIVEWAY ENTRANCE SIGNS LOCATED AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES.

17" x 22" REFLECTORIZED SIGN CON-STRUCTED OF PORCELAIN ON STEEL WITH BEAD-ED TEXT OR EQUAL. WHITE LETTERS ON BLUE BACKGROUND (BLUE COLOR TO MATCH HO. 6040 IN THE FEDERAL STANDARD 255A, SIMILAR TO ROYAL BLUE). FASTEN SIGN WITH (2) GALVANIZED BOLTS WITH WASHERS. PROVIDE GALVANIZED POST CAP.

FOR SIGN POST, SEE DETAILS.

SIGN TO READ:

NOTICE: UNAUTHORIZED VEHICLES PARKED IN DESIGNATED PHYSICALLY DISABLED SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT: (605-964-8800) OR BY TELEPHONING: (605-964-8800) (Telephone number)



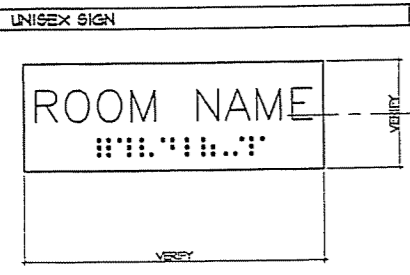
WHITE LINES

BLUE BACKGROUND (COLOR 60305, FED. STD. 595A)

70 SQ. INCH MIN.

ATTACH SIGN TO FACE OF ELD'S WITH 1/8" X 1/8" SCREWS AT EACH CORNER OF SIGN OR MOUNT ON GALV. PIPE COLL. IN 3" x 2-1/2" CONC. PIER.

PAVING



ROOM NAME SIGN SHALL BE RAISED 1/2" MIN. IN UPPER CASE LETTERS 2" HIGH x 3" HIGH MIN. (ROYAL BLUE BACK-GROUND COLOR WITH WHITE LETTERS), AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE.

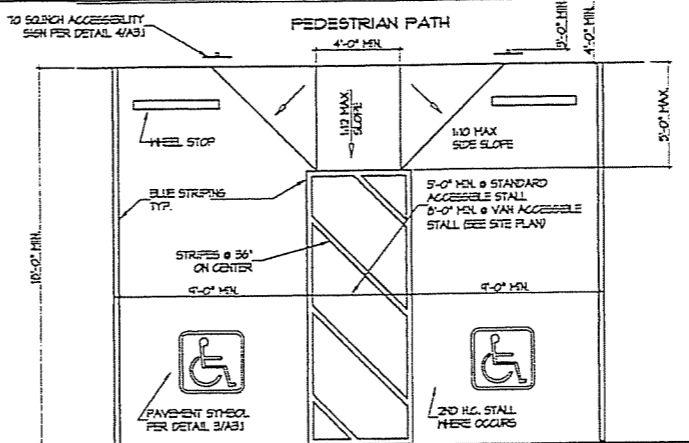
CENTERLINE OF PICTOGRAM SHALL BE 60" ABOVE FINISH FLOOR MOUNTED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR.



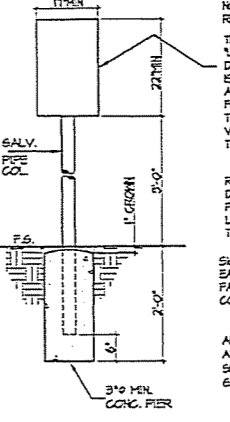
MEN'S SYMBOL & SIGN LOCATED ON DOORS TO MEN'S RESTROOM.

12" EACH SIDE EQUILATERAL TRIANGLE (1/4" THICK) WITH PICTOGRAM OF MAN IN WHITE ON ROYAL BLUE BACKGROUND COLOR (OR THE REVERSE WITH A ROYAL BLUE BORDER). USE MATTE OR NON-SLARE FINISH.

CENTERLINE OF PICTOGRAM SHALL BE 60" ABOVE FINISH FLOOR CENTERED ON DOOR.



TYP. HANDICAP PARKING STALL



NOTE: THIS DETAIL IS TO SHOW MIN. DIMS. AND READ. TEXT. SEE PLANS FOR ACTUAL LOCATIONS.

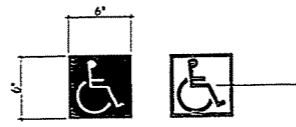
THIS SIGN SHALL READ IN 1" MIN. LETTERS. UNAUTHORIZED VEHICLES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WHICH ARE FOUND PARKING IN SPACES DESIGNATED FOR PERSONS WITH DISABILITIES MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT: (605-964-8800) OR BY TELEPHONING: (605-964-8800)

RECLAMATION SITE AND TELE. PH. # TO BE DETERMINED BY OTHER CONTRACTOR. PLACE THIS INFO. ON SIGN WITH WATER-PROOF LETTERS BEFORE INSTALLING SIGN, AS PART OF THIS CONTRACT.

SIGN TO BE POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO THE OFF-STREET PARKING FACILITY. SIGN SHALL COMPLY WITH CA ADMINISTRATIVE CODE TITLE 24, PART 2, SECTION 702.

ALTERNATE MOUNTING: ATTACH SIGN TO FACE OF ELD'S W/ 1/8" X 1/8" SCREWS AT EACH CORNER OF SIGN OR MOUNT ON GALV. PIPE COLL. IN 3" x 2-1/2" CONC. PIER.

DRIVEWAY ENTRANCE SIGN

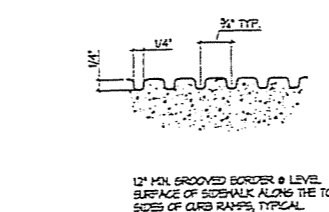


ENTRANCE SYMBOL. LOCATE PICTOGRAM ON THE EXTERIOR WALL (ADJACENT TO THE LATCH SIDE OF DOOR), OR ON DOOR AT ALL PRIMARY HANDICAPPED ENTRANCES, VISIBLE FROM APPROACHING PEDESTRIAN MATS.

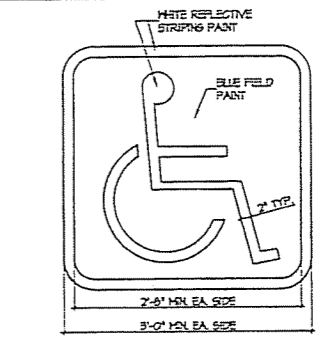
6 1/2" 6" SIGN (1/4" THICK) IN PROFILE VIEW OF WHEEL-CHAIR AND OCCUPANT IN WHITE ON ROYAL BLUE BACKGROUND COLOR (OR THE REVERSE WITH A BLUE BORDER). USE MATTE OR OTHER NON-SLARE FINISH.

CENTERLINE OF PICTOGRAM SHALL BE 60" ABOVE FINISH FLOOR.

ENTRANCE SYMBOL



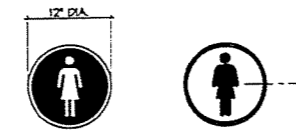
GROOVE DETAIL - CURB RAMP



HANDICAPPED PARKING SPACE SYMBOL LOCATED CENTERED IN THE H.C. PARKING SPACE ADJACENT TO THE DRIVEWAY.

3/8" x 3/4" PROFILE VIEW OF WHEEL-CHAIR OCCUPANT IN WHITE STENCILED ON ROYAL BLUE BACK-GROUND WITH 2" HIGH WHITE OUT-LINE BORDER.

TYP. HANDICAP PARKING STALL SYMBOL

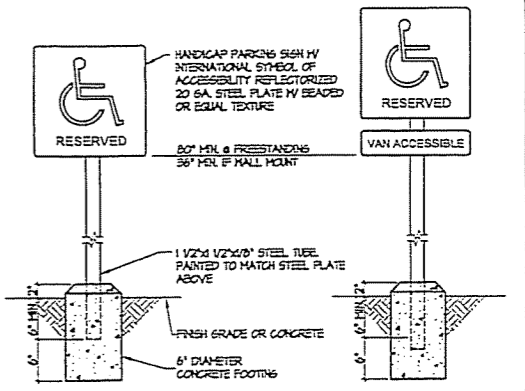


WOMEN'S SYMBOL & SIGN LOCATED ON DOORS TO WOMEN'S RESTROOMS.

12" DIAMETER CIRCLE (1/4" THICK) WITH PICTOGRAM OF WOMAN IN WHITE ON ROYAL BLUE BACKGROUND COLOR (OR THE REVERSE WITH A ROYAL BLUE BORDER). USE MATTE OR OTHER NON-SLARE FINISH.

CENTERLINE OF PICTOGRAM SHALL BE 60" ABOVE FINISH FLOOR & CENTERED ON DOOR.

WOMEN'S RESTROOM SIGN



H.C. PARKING SIGNS

JOB NO.: 2000-003

DATE: 04-09-2007

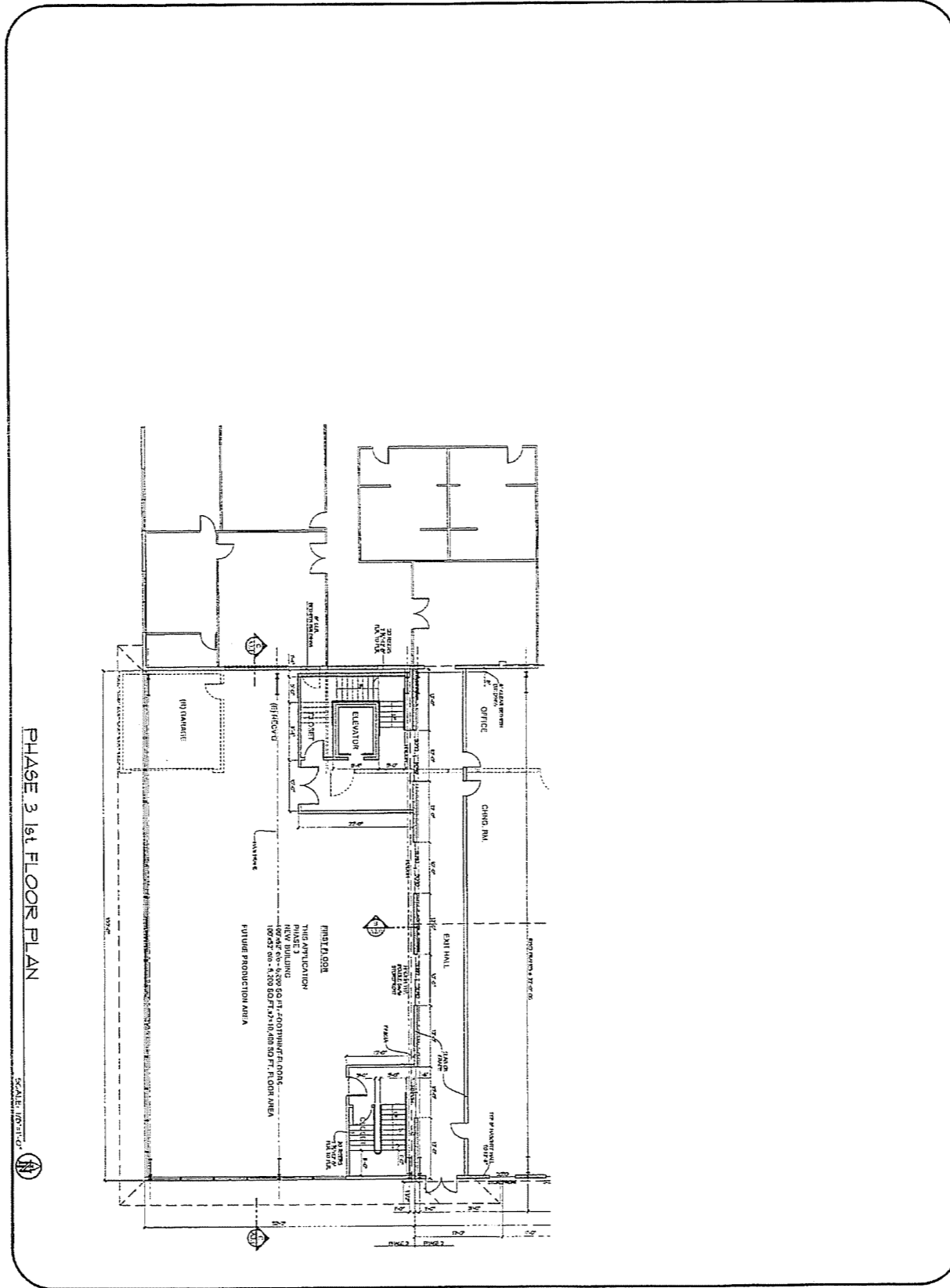
Burke Design
4141 State Street, CA 1
Santa Barbara, CA 93110
Phone: 805-964-8800
Fax: 805-293-0530



DRAWN BY:

PROJECT: **Renco Clean Room**
25 Coronar Drive, Goleta CA 93117
Owner's Representative: Dan Binkler
Phone: 805-562-1130, Fax: 805-685-7955

SHEET
C-4.0

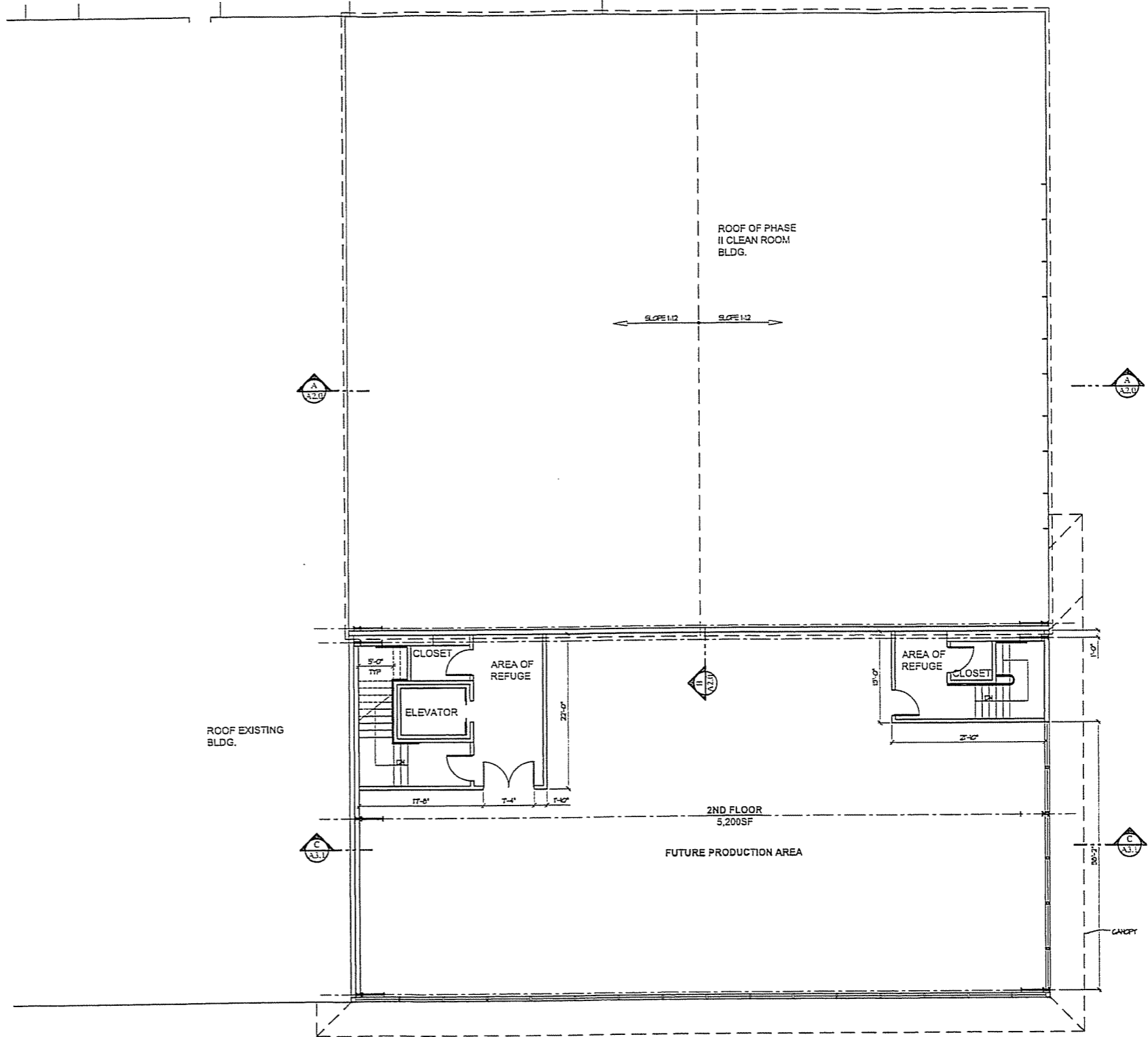


PHASE 3 1st FLOOR PLAN

SCALE: 1/8"=1'-0"

<p>A-3.0</p> <p>SHEET</p>	<p>DESCRIPTION: PHASE 3 1st FLOOR PLAN</p>		 <p>Burke Design 4141 State Street, C-1 Santa Barbara, CA 93110 Phone: 805-966-8800 Fax: 805-963-8530</p>	<p>JOB NO: 2208-003</p> <p>DATE 04-03-2007</p>
	<p>PROJECT: Renco Clean Room 28 Canyon Drive, Goleta CA 93117 Owner: Rentschler, Joe Burke Phone: 805-552-1100, Fax: 805-465-7855</p>	<p>DATE: 04-03-2007</p>		

03/13/07



PHASE 3 2nd FLOOR PLAN

SCALE: 1/8"=1'-0"



JOB NO:
2006-003

DATE:
04-03-2007

- 1
- 2
- 3

Burke Design
 4141 State Street, CA 1
 Santa Barbara, CA 93110
 Phone: 805-964-8800
 Fax: 805-293-8538

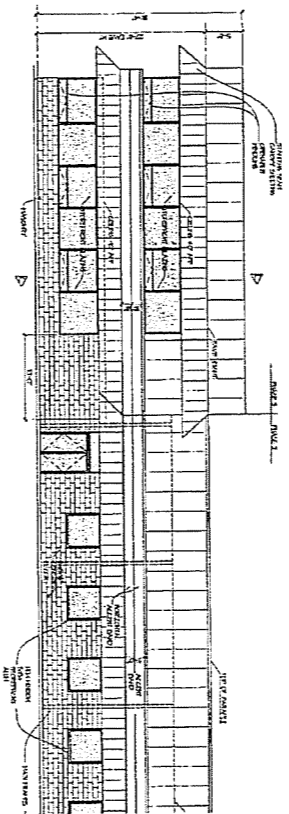
DESCRIPTION: PHASE 3 2nd FLOOR PLAN

PROJECT: **Renco Clean Room**
 20 Corporate Drive, CA 93117
 Santa Barbara, CA 93117
 Phone: 805-502-1130, Fax: 805-685-7865

DRAWN BY:

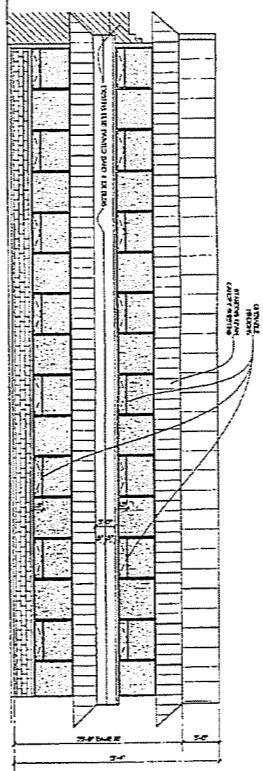
SHEET

A-3.1



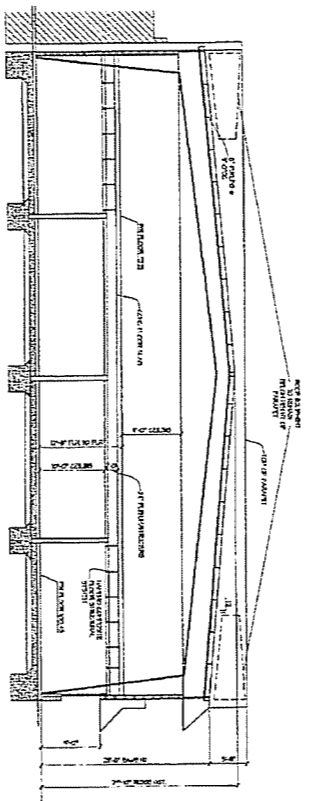
PHASE 3 EAST ELEVATION

SCALE: 1/8"=1'-0"



PHASE 3 SOUTH ELEVATION

SCALE: 1/8"=1'-0"



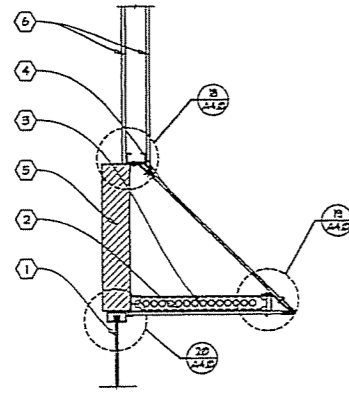
PHASE 3 SECTION C-C

SCALE: 1/8"=1'-0"

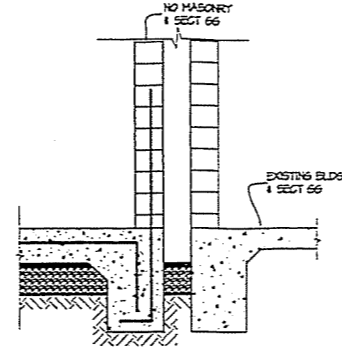
03/13/07

<p>A-3.2</p> <p>SHEET</p>	<p>DESCRIPTION: PHASE 3 ELEVATIONS</p>		 <p>Burke Design 4141 State Street, CA 1 Santa Barbara, CA 93110 Phone: 805-964-8200 Fax: 805-293-0530</p>	<p>① : ② : ③ :</p>	<p>JOB NO: 2995-02</p>
	<p>PROJECT: Renco Clean Room 25 Colucci Drive, Goleta CA 93117 Owner's Representative: Don Barber Phone: 805-964-1122, Fax: 805-964-1265</p>	<p>DATE: 04-23-2007</p>			

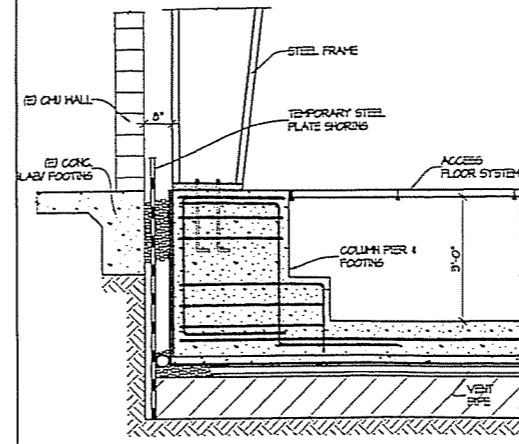
03/13/07



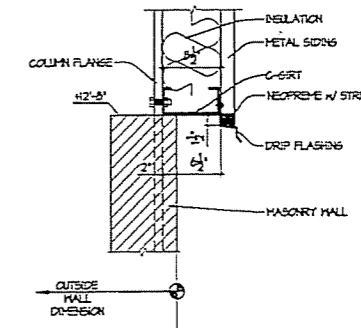
11 WINDOW CANOPY 1/2'-1'-0"



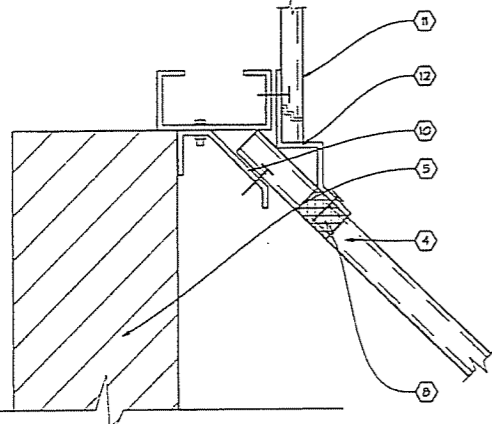
9 (N) FOOTING TO (E) FOOTING 1/2'-1'-0"



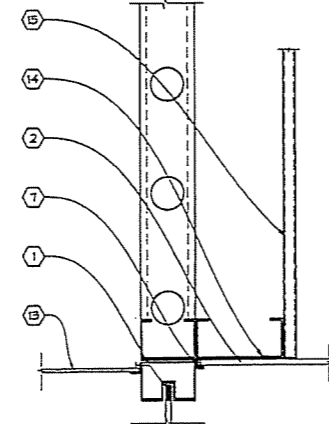
5 COLUMN BASE 1/2'-1'-0"



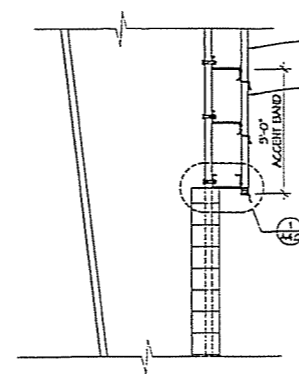
1 WALL & FASCIA 1'-1'-0"



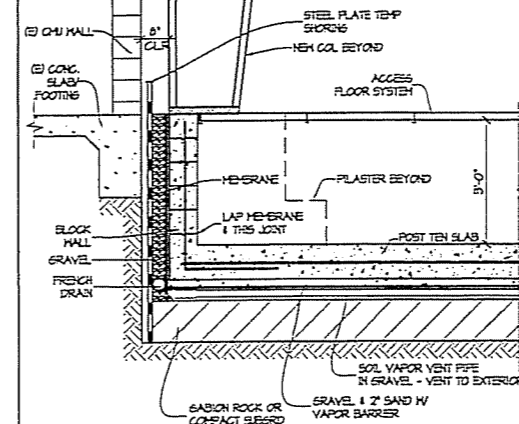
13 WINDOW CANOPY 3'-1'-0"



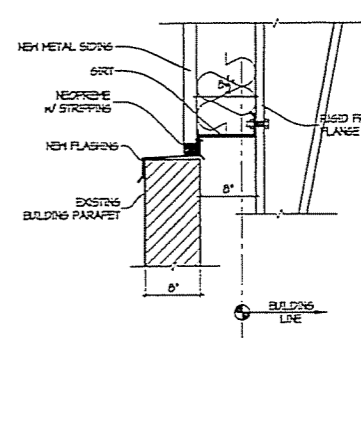
14 WINDOW HEAD @ 2ND FL 1'-1'-0"



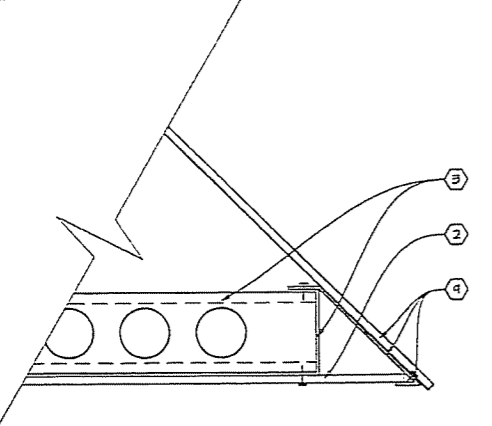
10 PANELS TO CMU WALL 1/2'-1'-0"



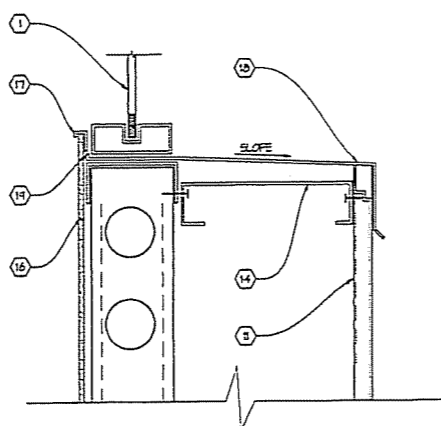
6 FLOOR SYSTEM 1/2'-1'-0"



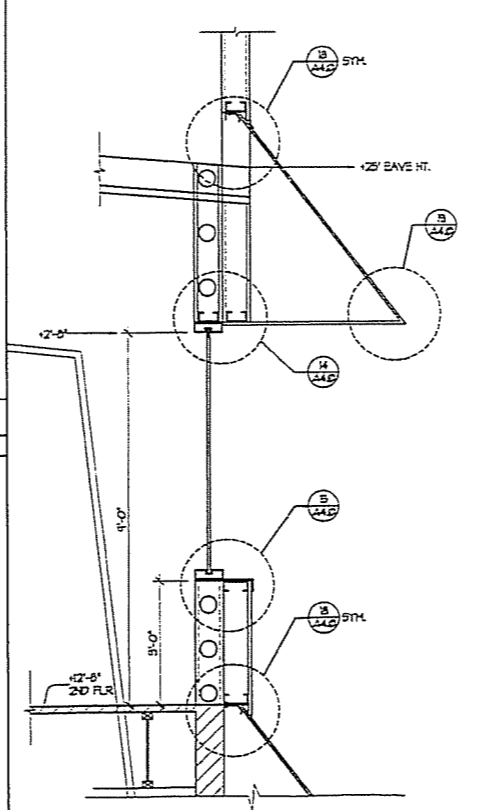
2 PARAPET WALL @ EXISTING BUILDING 1'-1'-0"



18 WINDOW CANOPY 1/2'-1'-0"



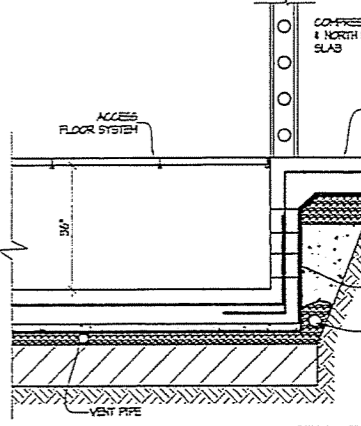
15 2ND FLOOR WINDOW SILL 1/2'-1'-0"



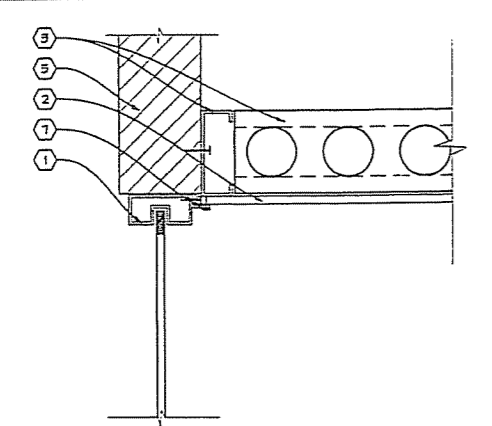
11 2ND FLOOR WINDOW 1/2'-1'-0"

- 1 STOREFRONT WINDOW SYSTEM
- 2 FLUSH SOFFIT PANELING
- 3 GALV STEEL STUDS, 26 GA
- 4 STANDING SEAM METAL PANELS
- 5 MASONRY WALL
- 6 WALL PANELING ABOVE
- 7 PAINTED FLASHING- SAME COLOR AS SOFFIT PANELING
- 8 NEOPRENE RUBBER HEATHER STRIPPING WHERE GAPS OCCUR
- 9 20 GAUGE FLASHING PAINTED TO MATCH SOFFIT COLOR
- 10 CONTINUOUS 18 GAUGE BRACKET
- 11 HORIZONTAL BAND ABOVE/BELOW
- 12 FLASHING TO BE PAINTED SAME COLOR AS HORIZONTAL BAND ABOVE
- 13 ACOUSTIC T-BAR CEILING
- 14 METAL BLDG C-CHANNEL
- 15 STD METAL BLDG SIDING
- 16 3/4" DRYHALL
- 17 J-METAL DRYHALL TRIM
- 18 FLASHING SLOPED TO DRAIN PAINT BLEE
- 19 TURN UP INSIDE EDGE OF FLASHING 1/2"

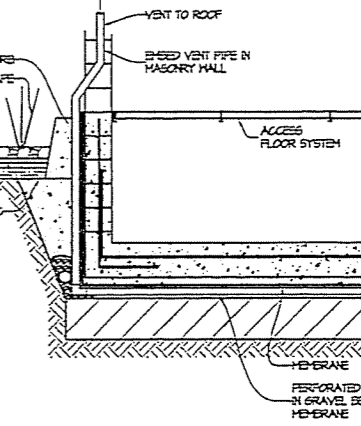
7 WINDOW CANOPY NOTES 1/2'-1'-0"



3 FOUNDATION DETAIL 1/2'-1'-0"



20 WINDOW HEAD @ SOFFIT 3'-1'-0"



4 FOUNDATION DETAIL 1/2'-1'-0"

JOB NO.: 2000-003 DATE: 04-03-2007

1 2 3

Burke Design
4141 State Street, C4.1
Santa Barbara, CA 93110
Phone: 805-864-8000
Fax: 805-293-8530

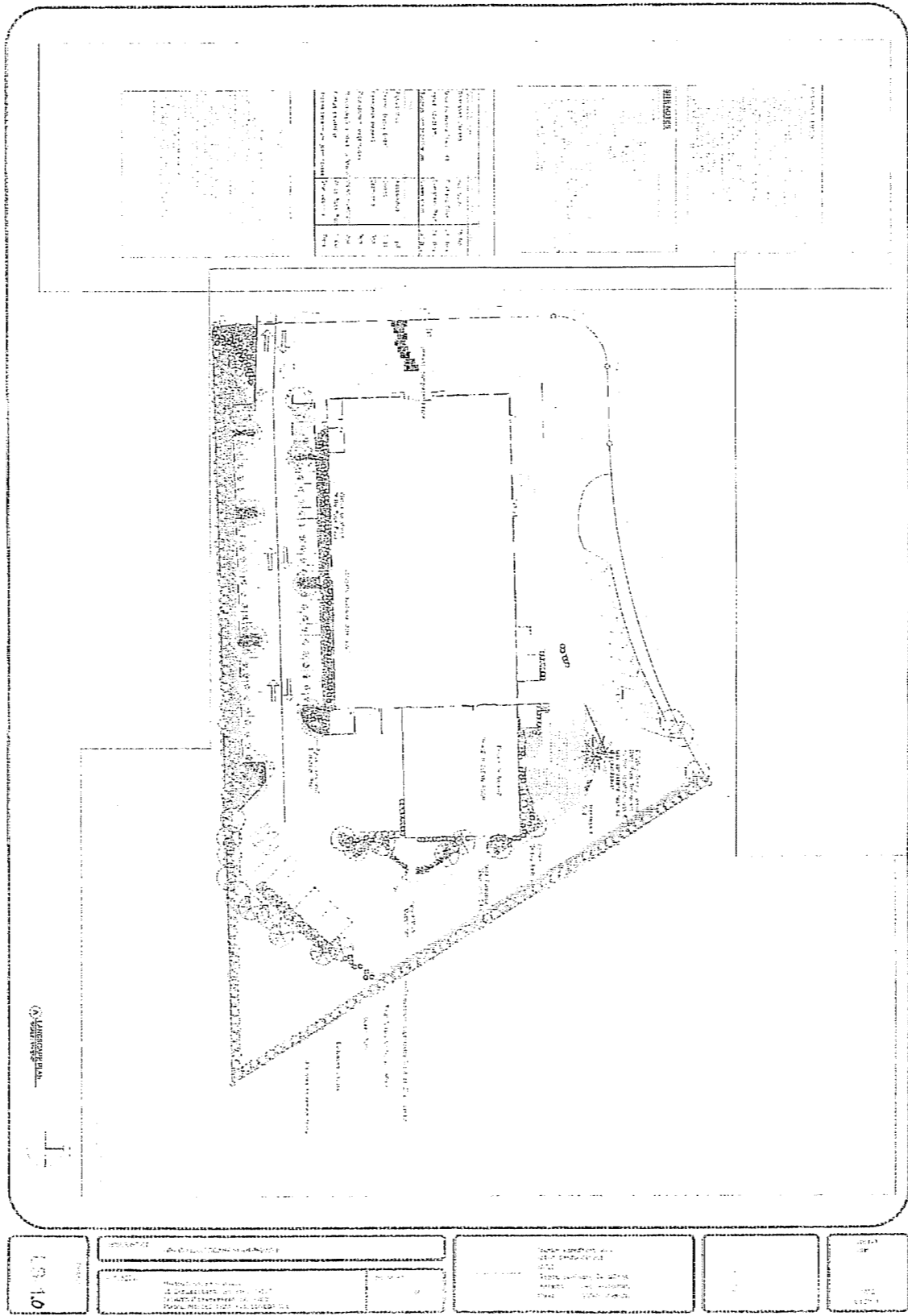


DRAWN BY:

PROJECT: Renco Clean Room
28 Coronar Drive, Galea, CA 93117
Owner's Representative: Dan Burdett
Phone: 805-862-1130, Fax: 805-865-7985

DESCRIPTION: DETAILS

SHEET
A-4.0



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Room	Area	Volume
Room 1	100	1000
Room 2	200	2000
Room 3	300	3000
Room 4	400	4000
Room 5	500	5000
Room 6	600	6000
Room 7	700	7000
Room 8	800	8000
Room 9	900	9000
Room 10	1000	10000

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EXISTING NOTES

1. ALL EXISTING UTILITIES TO REMAIN UNLESS INDICATED OTHERWISE.

2. ALL EXISTING UTILITIES TO BE DELETED UNLESS INDICATED OTHERWISE.

3. ALL EXISTING UTILITIES TO BE RELOCATED UNLESS INDICATED OTHERWISE.

4. ALL EXISTING UTILITIES TO BE RELOCATED TO THE UNDERGROUND UNLESS INDICATED OTHERWISE.

5. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE UNLESS INDICATED OTHERWISE.

6. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND UNLESS INDICATED OTHERWISE.

7. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE UNLESS INDICATED OTHERWISE.

8. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND UNLESS INDICATED OTHERWISE.

9. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE UNLESS INDICATED OTHERWISE.

10. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND UNLESS INDICATED OTHERWISE.

SITE NOTES

1. ALL EXISTING UTILITIES TO REMAIN UNLESS INDICATED OTHERWISE.

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10. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND UNLESS INDICATED OTHERWISE.

Plant Name	Quantity	Notes
Acacia saligna	100	10' Sp
Casahuate 'New Hill'	100	24" Sp
Rhus copallina	100	24" Sp
Myrsine tomentosa	100	24" Sp
Agave attenuata	100	1' Sp
Correa 'Candy Bells'	100	6" Sp
Eucalyptus 'Frustrated'	100	8' Sp
Pittosporum rugifolium	100	6' Sp
Frederickia ulmifolia 'Mona'	100	6' Sp
Cistus salicifolius	100	1' Sp
Prunella asperifolia 'Satin'	100	6" Sp

GENERAL NOTES

1. ALL EXISTING UTILITIES TO REMAIN UNLESS INDICATED OTHERWISE.

2. ALL EXISTING UTILITIES TO BE DELETED UNLESS INDICATED OTHERWISE.

3. ALL EXISTING UTILITIES TO BE RELOCATED UNLESS INDICATED OTHERWISE.

4. ALL EXISTING UTILITIES TO BE RELOCATED TO THE UNDERGROUND UNLESS INDICATED OTHERWISE.

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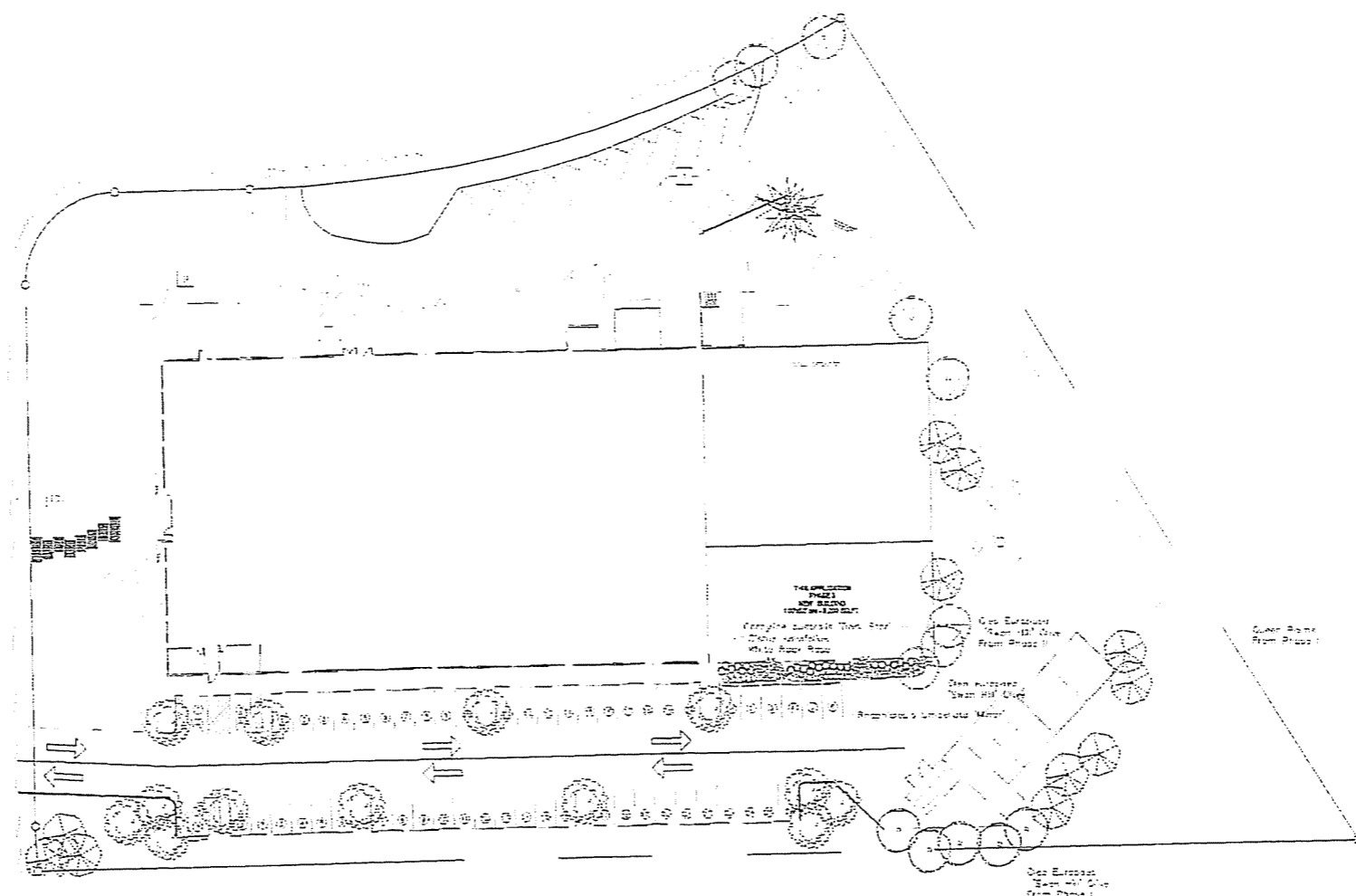
6. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND UNLESS INDICATED OTHERWISE.

7. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE UNLESS INDICATED OTHERWISE.

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10. ALL EXISTING UTILITIES TO BE RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND AND RELOCATED TO THE SURFACE AND UNDERGROUND UNLESS INDICATED OTHERWISE.



LANDSCAPE PLAN
SCALE: 1/8" = 1'-0"

DATE: 10/20/00
BY: [Signature]

PROJECT: [Project Name]

PROJECT LOCATION: [Address]

PROJECT NO: [Number]

PROJECT NAME: [Name]

PROJECT NO: [Number]

LS-1.1