

PROJECT NAME
**NEW LUBE FACILITY
 OIL CAN HENRY'S**
 055 CORVALLIS OREGON



PROJECT ADDRESS
 123456 PHILOMATH AVENUE
 CORVALLIS OREGON

OWNER
**OIL CAN HENRY'S
 INTERNATIONAL**
 1200 NW FRONT AVE, SUITE 690
 PORTLAND, OR

LUNDIN COLE ARCHITECTS, PC
 208 SW Stark Street, Suite 200 | Portland, Oregon 97204
 Tel: 503.241.3174 | Fax: 503.241.3186

055-OR CORVALLIS

5200 BLOCK, PHILOMATH BOULEVARD
 CORVALLIS OREGON 97333

EXCAVATION + GRADING PERMIT DRAWINGS

PROJECT TEAM

OWNER	OIL CAN HENRY'S INTERNATIONAL 1200 NW FRONT AVE., SUITE 690 PORTLAND, OR 97209 TEL: 503-243-6311 FAX: 503-228-5227 DIRECTOR OF FRANCHISE ADMIN.: MARSHA EMERSON	CIVIL ENGINEER	WALKER, DILORETO, YOUNIE, INC. 6443 SW BEAV.-HILLDALE HWY, #210 PORTLAND OR 97221 TEL: 503-203-8111 FAX: 503-203-8122 PROJECT ENGINEER: COLE PRESTHUS
ARCHITECT	LUNDIN COLE ARCHITECTS, PC 208 SW STARK ST., SUITE 200 PORTLAND, OR 97204 TEL: 503-241-3174 FAX: 503-241-3186 PROJECT MANAGER: CHUCK CUMMINGS	GEOTECHNICAL ENGINEER	DANIEL REDMOND & ASSOCIATES P.O. BOX 301545 PORTLAND, OR 97294 TEL: 503-760-1060 FAX: 503-760-1372 GEOTECHNICAL ENGINEER: DANIEL REDMOND
GENERAL CONTRACTOR	OMUNDSON CONSTRUCTION COMPANY 31010 PEACH COVE ROAD WEST LINN OR 97068 TEL: 503-655-8000 FAX: 503-655-3100 PROJECT MANAGER: JIM OMUNDSON	SURVEYOR	SPRINGER SURVEYING 37056 MOSS ROCK DRIVE CORVALLIS OR 97330 TEL: 541-745-5798 PROJECT MANAGER: DAN SPRINGER
PREFABRICATED BUILDING	FREY-MOSS STRUCTURES, INC. 1302 ESKA WAY SILVERTON, OR 97381 TEL: 800-878-2200, EXT. 18 FAX: 541-873-4889 ENGINEER OF RECORD: CHARLES MOSS	STRUCTURAL ENGINEER	WALKER, DILORETO, YOUNIE, INC. 6443 SW BEAVERTON-HILLSDALE HWY, #210 PORTLAND OR 97221 TEL: 503-203-8111 FAX: 503-203-8122 SPECIALTY ENGINEER (FOUNDATION): DALE DILORETO

ZONING DATA

ZONING DATA
 SITE ADDRESS: 5200 BLOCK SW PHILOMATH AVENUE
 CORVALLIS OR 97333
 LEGAL DESCRIPTION:
 ZONING CLASSIFICATION: CS, PD
 SITE AREA: 11,775 SF

SETBACKS
 REQUIRED SETBACKS:
 FRONT: 40'
 SIDE: 40'
 REAR: 20'

LANDSCAPING:
 ACTUAL LANDSCAPING: 5,005 SF
 SITE AREA: 11,775 SF
 BUILDING AREA: 1,269 SF
 PAVED AREA: 5,501 SF
 IMPERVIOUS AREA: 6,770 SF

PARKING
 REQUIRED PARKING: 1 SPACE/400 SF
 = 4 SPACES
 ACTUAL PARKING:
 STANDARD 9'-0"x20'-0" 3 SPACES
 VAN HC 1 SPACE
 TOTAL 4 SPACES

BICYCLE PARKING
 REQUIRED: 2 SPACES
 COVERED: 1 SPACE
 ACTUAL: 2 SPACES

BUILDING CODE DATA

STATE PRE-APPROVAL
 THE PREFABRICATED STRUCTURE HAS BEEN REVIEWED AND APPROVED BY THE STATE OF OREGON. FIELD WORK TO BE REVIEWED INCLUDES: THE ROOF ASSEMBLY, ELECTRICAL METER & DISCONNECT, WATER METER, SIGNAGE, ALL SITEWORK INCLUDING FOUNDATION, BASEMENT PLUMBING, & SERVICE BAY PENDANT LIGHTING.
 GOVERNING BUILDING CODES: 1997 UNIFORM BUILDING CODE
 2000 OREGON STATE STRUCTURAL SPECIALTY CODE

OCCUPANCY
 OCCUPANCY CLASSIFICATION: S-3

ALLOWABLE SQUARE FOOTAGE
 ALLOWABLE SF PER TABLE 5-B 8,000 SF
 ALLOWABLE STORIES PER TABLE 5-B:
 ACTUAL SF:
 1ST FLOOR: 45'-4"x28'-0" = 1,269 SF
 MEZZANINE: 11'-8"x28'-0" = 327 SF
 TOTAL: 1,596 SF
 BASEMENT: 45'-4"x28'-0" = 1,269 SF
 ACTUAL STORES: 1 STORY INCLUDING MEZZANINE

NOTE: THE LUNCH/TRAINING ROOM & OFFICE ARE NOT SEPARATED FROM THE S-3 OCCUPANCIES PER 1997 UBC 302.1, EXCEPTION 2.2

CUT & FILL
 CUT:
 BASEMENT 30'x46'x9' = 460 CY
 PAVING 5,501 SF x 1.5' = 306 CY
 TOTAL: 766 CY

NO FILL

DOCUMENT INFORMATION

PERMIT DOCUMENTS:
 THE PERMIT DOCUMENTS ARE SUBMITTED IN TWO PACKAGES: THE SITE PACKAGE, BY LUNDIN COLE ARCHITECTS, AND THE BUILDING PACKAGE, BY FREY-MOSS STRUCTURES, INC. THE SITE DRAWINGS DESCRIBE ALL SITE WORK, FOOTINGS, SLABS ON GRADE, PLUMBING & ELECTRICAL WORK WITHIN THE BUILDING BASEMENT AS WELL AS LANDSCAPE AND CIVIL INFORMATION. THE BUILDING DRAWINGS ARE SUBMITTED UNDER A SEPARATE COVER AND ENCOMPASS ALL WORK FROM THE FLOOR LEVEL AND UP.

SEE THE SITE PERMIT SPECIFICATIONS FOR SITE PACKAGE TECHNICAL INFORMATION & THE SOILS REPORT.

DRAWING SYMBOLS

- △ REVISION
- ① KEY NOTE
- ② A-2 DETAIL REFERENCE
- 100 ROOM NUMBER
- ② A-2 SECTION REFERENCE
- ② A-2 ELEVATION REFERENCE

DRAWINGS

SHEET INDEX

CS	COVER SHEET
SU-1	SITE SURVEY
C-1	CIVIL NOTES AND ABBREVIATIONS
C-2	ON-SITE UTILITY PLAN
C-3	ON-SITE GRADING AND EROSION CONTROL
C-4	ON-SITE DETAILS
S-1	FOUNDATION PLAN AND DETAILS

EXC01-00033
 APPROVED
 REB 11-19-01 SUBJECT TO CONDITIONS

REVISIONS		
NO.	DATE	ISSUE
△	11/06/01	PERMIT SET
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SHEET TITLE

COVER SHEET

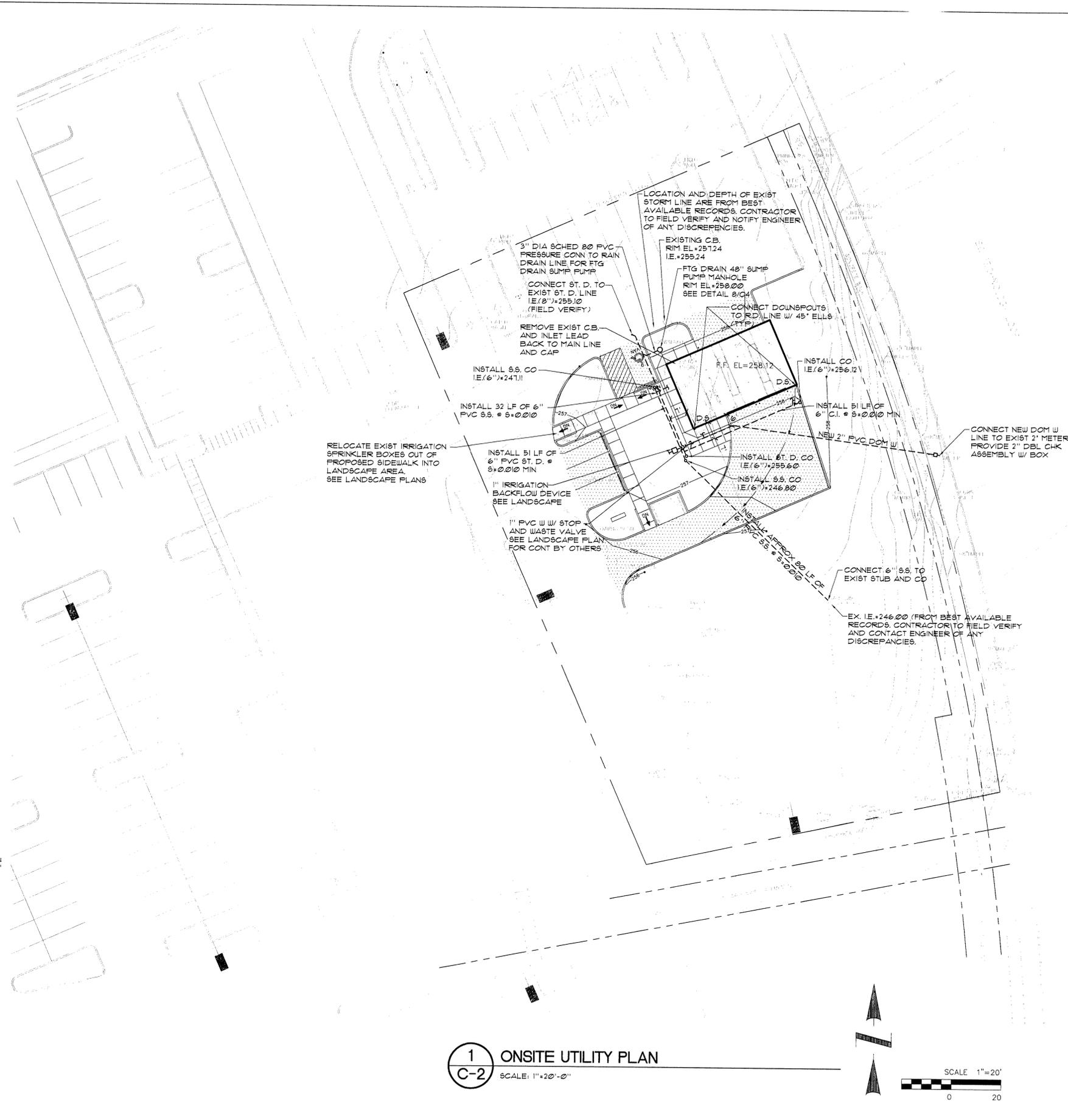
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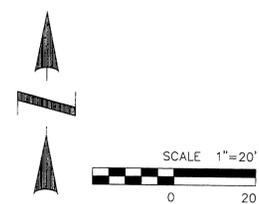
TO BE
 MICROFILMED

DATE:

Drawing: P:\2001\200107255_5 01 Corv Henryz Corvallis-Corv\Corv\Plan\02 Civil Utility Plan\02-C2.dwg Plotted by: jshihon Plotted date: 10/26/01 Plot time: 1:32 pm



1 ONSITE UTILITY PLAN
C-2 SCALE: 1"=20'-0"



EXC 01-00033

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WDY
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 503 / 263-8111
 FAX 503 / 263-8122

REGISTERED PROFESSIONAL ENGINEER
 COLE G. PRESTIUS
 EXPIRES 12-31-2002

REVISIONS		
NO.	DATE	ISSUE

SHEET TITLE

**ONSITE UTILITY
 PLAN**

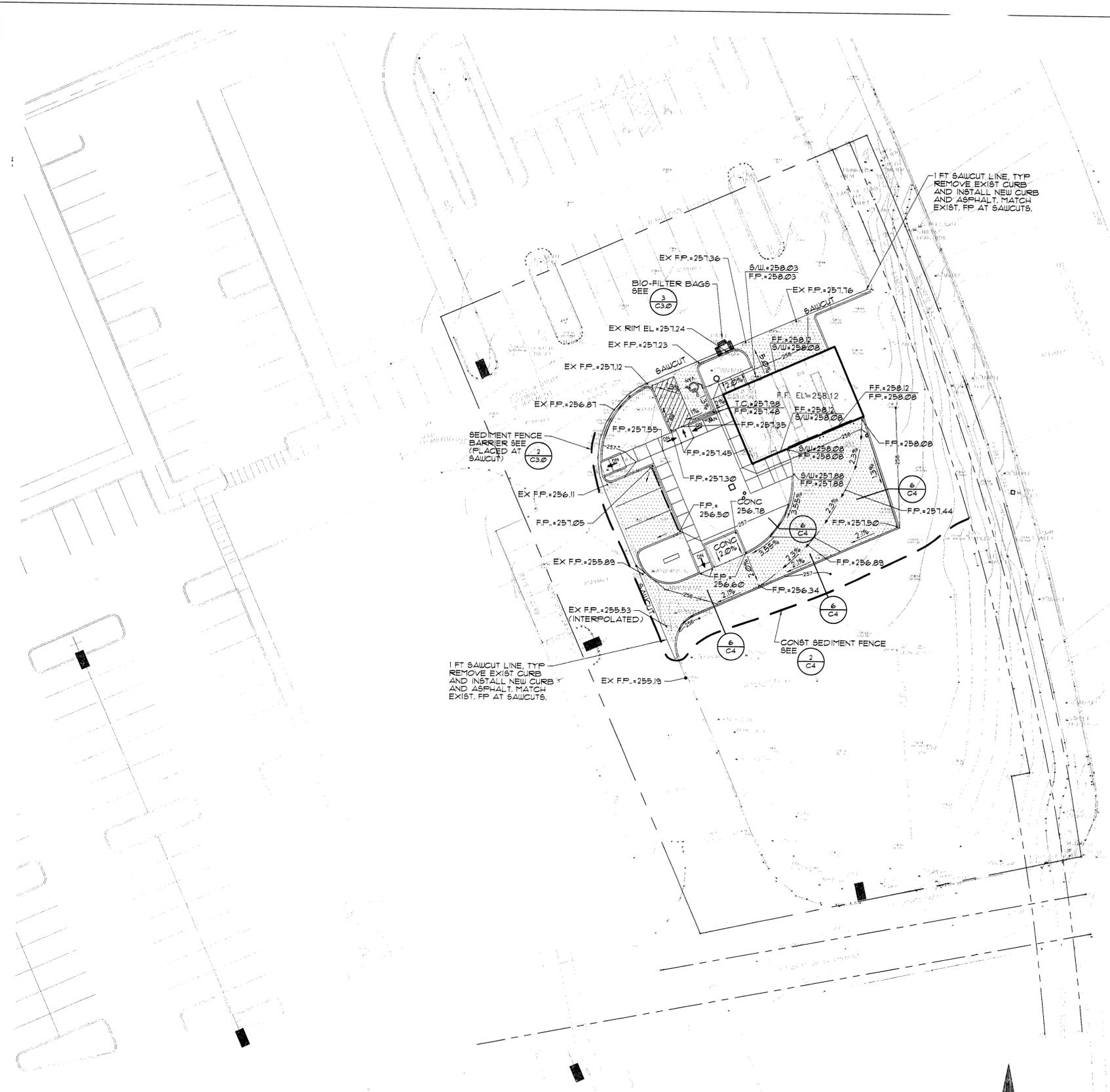
SHEET NUMBER

C-2

DATE: 09-25-01

TO BE
 REPRODUCED

Drawing: P:\2002\2002\012526_5_01 Oil Can Henry's Corvallis-Civil\Drawings\001-C3.dwg
 Plotted by: cstation
 Plot date: 10/26/01
 Plot time: 11:47 am



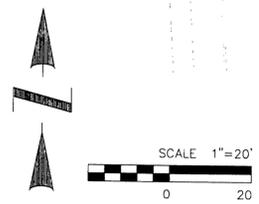
LEDGEND:
 — DIRECTION OF DRAINAGE FLOW
 NEW AREA OF ASPHALT
NOTE:
 ALL NEW ELEVATIONS ARE AT FINISH ASPHALT SURFACE UNLESS OTHERWISE INDICATED

1 FT SAWCUT LINE TYP
 REMOVE EXIST CURB
 AND INSTALL NEW CURB
 AND ASPHALT MATCH
 EXIST. FP AT SAWCUTS.

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 REMOVE EXIST CURB
 AND INSTALL NEW CURB
 AND ASPHALT MATCH
 EXIST. FP AT SAWCUTS.

- NOTES:**
- REFER TO ARCHITECTURAL SITE PLANS FOR ALL SITE LAYOUT DIMENSIONS.
 - DEMOLITION OF EXISTING STRUCTURES IS BY OTHERS.
 - ON-SITE HANDICAP/DISABILITY ACCESS ROUTES SHALL COMPLY W/ THE AMERICANS WITH DISABILITIES ACT (ADA), STATE AND LOCAL REGULATIONS. IN GENERAL:
 - MAXIMUM CROSS SLOPE OF ANY PAVEMENT PERPENDICULAR TO DIRECTION OF TRAVEL IS 2.0%.
 - MAXIMUM SLOPE OF WALKWAYS IN DIRECTION OF TRAVEL IS 5.0%.
 - FOR RAMPS, THE MAXIMUM SLOPE IS 8.33% AND MAXIMUM RISE BETWEEN LANDINGS IS 30 INCHES. HANDRAILS ARE REQUIRED EACH SIDE OF ALL RAMPS WITH SLOPE GREATER THAN 5%.
 - MAXIMUM SLOPE OF CURB RAMPS AND WINGS OF CURB RAMPS IS 8.33%. THE MAXIMUM LENGTH OF A CURB RAMP IS 6 FEET.
 - PROVIDE FINISH PAVEMENT SURFACE TEXTURES IN ACCORDANCE WITH ADA.
 - CONTACT ARCHITECT AND ENGINEER FOR INSTRUCTIONS PRIOR TO INSTALLING FINISH PAVEMENTS IN CONFLICT WITH ADA REQUIREMENTS.
 - STRAIGHT GRADE FINISH PAVEMENT AND TOP OF CURB ELEVATIONS BETWEEN GIVEN ELEVATION POINTS. BLEND FINISH GRADES AT GRADE BREAKS.

1
C-3 ONSITE GRADING AND EROSION CONTROL PLAN
 SCALE: 1"=20'-0"



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NO.	DATE	ISSUE
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SHEET TITLE

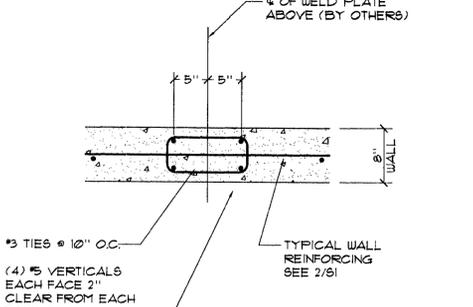
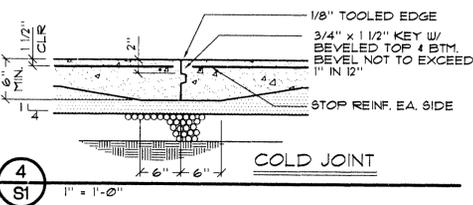
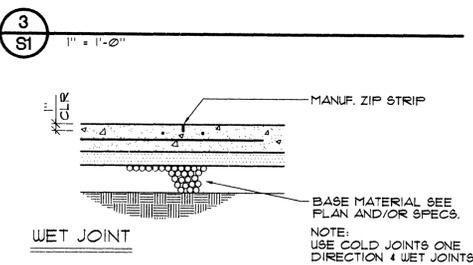
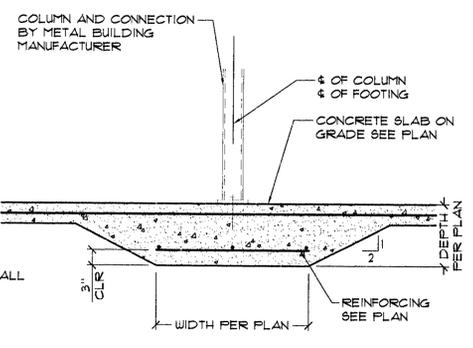
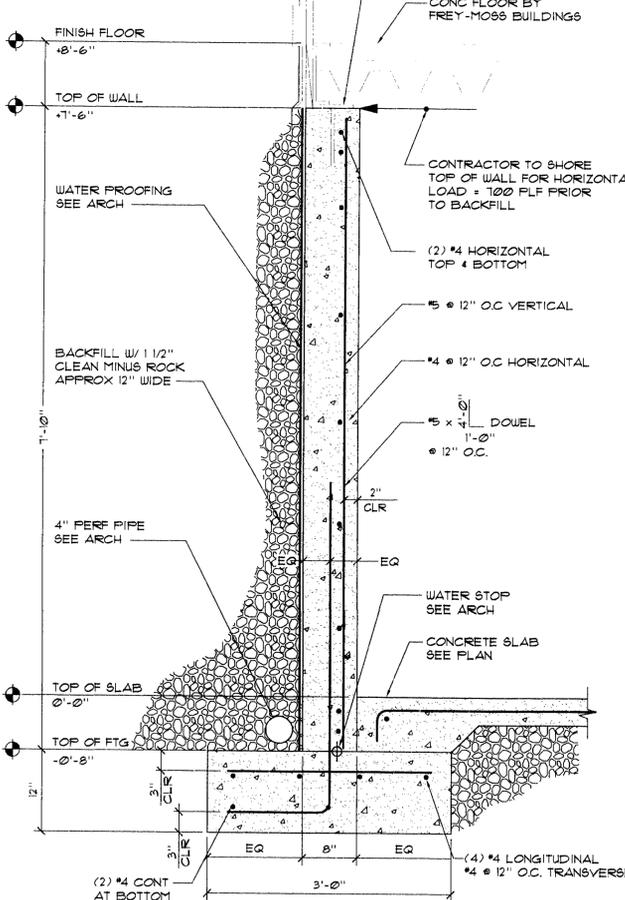
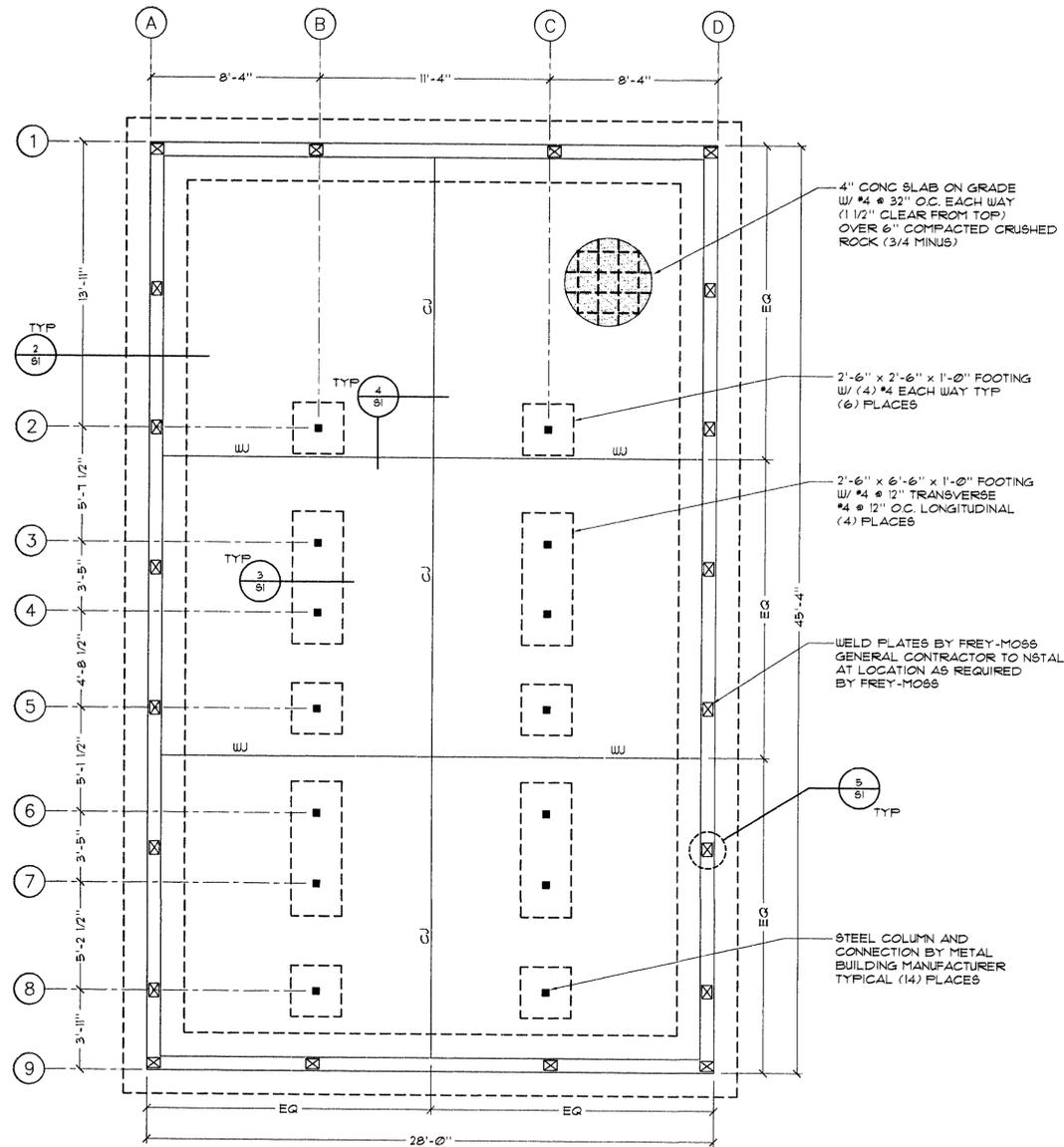
ONSITE GRADING AND EROSION CONTROL PLAN

SHEET NUMBER

C-3

DATE: 09-25-01

TO BE APPROVED



1 FOUNDATION PLAN
1/4" = 1'-0"

2 SI 1" = 1'-0"

5 SI 1" = 1'-0"

STRUCTURAL NOTES

- 01.0 GENERAL NOTES**
- These notes set minimum standards for construction. The drawings govern over the Structural Notes to the extent shown.
 - Contractor shall verify all dimensions and conditions on drawings and in field. Coordinate locations of openings through floors, roof and walls with architectural, mechanical, and electrical plans. Notify owner's representative of any discrepancies.
 - Construction means, methods and all necessary temporary support prior to completion of vertical and lateral load systems is the sole responsibility of the contractor.
 - Complying with all safety and OSHA requirements is the sole responsibility of the contractor.
 - Where reference is made to ASTM, AISI, AISC, or other standards, the latest issue of the building permit date shall apply.
 - All work shall be in strict compliance with the "Uniform Building Code" (UBC) as amended by all other state and local codes, permits, and building department requirements that apply. Design Criteria:
 - Roof Snow Load . . . 25 psf plus drifting per 1997 UBC appendix, chapter 16
 - Roof Dead Load . . . As calculated by Building manufacturer
 - Wind 80 mph/Exposure B
 - Seismic Zone 3
 - Details shown on the drawings are intended to apply to all similar conditions and locations. Do not scale information from drawings.
- 02.0 FOUNDATIONS**
- Design soil pressure is 2200 psf LL plus DL, soil classification S6, per Redmond & Associates report dated September 14, 2001.
 - All footings shall bear on firm, undisturbed soil or approved compacted fill. Footings shall bear at a minimum of 18 inches below final grade. Remove all organic material or soft areas in footing excavations. Provide and install structural fill as necessary. Notify owner's representative before proceeding if any unusual conditions are encountered in the footing excavations.
 - Do not excavate closer than a 2:1 slope below footings.
 - Use smooth edged backhoe bucket without teeth to excavate footing trenches, and clean all footing excavations of loose material by hand.
 - Comply with specifications and geotechnical report recommendations for all fills and excavations.
 - Excavations may be made under continuous footings for pipes. Backfill with 3/4 inch minus crushed rock compacted in 8 inch lifts to 95 percent modified Proctor maximum dry density ASTM D1557 or AASHTO T-180.

- Fill material shall consist of soil approved by a geotechnical engineer which is compatible to the following limit under the weather conditions at the time of construction. Maximum particle size of fill in lifts not to exceed 8 inches and compact to 95 percent modified Proctor size of fill to be less than 4 inch diameter. Scarify and dry soils if required or use a granular maximum dry density determined in accordance with ASTM D1557 (or AASHTO T-180) under footings and floor slabs.
 - Base material immediately under slab shall be a 6 inch layer of clean 3/4 inch minus compacted crushed rock compacted to at least 92 percent modified Proctor maximum dry density ASTM D1557 or AASHTO T-180.
- 03.0 CONCRETE**
- Strength: Average concrete strength as determined by job cast lab cured cylinder shall be 4500 psi at 28 days for slabs on grade, and 3000 psi at 28 days for all other concrete plus increase depending upon the plant's standard deviation as specified in ACI 318. Three (3) test cylinders per UBC, Section 1903.8 shall be taken at each pour.
MINIMUM Mix Requirements:
 - Cement content per yard: Five (5) sacks except slabs on grade shall be 5-1/2 sacks.
 - Maximum water/cement ratio: 0.50 for non-air entrained concrete; 0.46 for air-entrained concrete; 0.42 for interior slabs.
 - Fly ash may be added to the mix and included in the water cement ratio but is not to be used as part of the minimum cement content. Fly ash, when used, shall not exceed 25% of the total weight of cementitious materials.
 - Slump: 4 inch. Deviating from design slump +1/2 inch to -1 inch. When concrete is to be pumped add plasticizers and provide a new mix design to increase slump to a pumpable mix. Do not add water.
 - Air Entrainment: Per ACI for all exterior slabs and flat work.
 - Admix: Water reducing admix (Pozzolith or equal).
 - All admixtures are to be from the same manufacturer unless evidence is submitted. Verify compatibility when multiple source admixtures are used.
 - Place and cure all concrete per ACI codes and standards.
 - Sleeves, pipes or conduits of aluminum shall not be embedded in structural concrete unless effectively coated.
 - Provide control joints in all slabs on grade as shown on plans. In areas where joints are not shown, install at 20'-0" on center each way maximum.
 - Provide 1/4 inch premolded expansion joint material between slabs and walls that are not doweled together, and around columns that do not have slab blockouts.

- 03.1 REINFORCING (CONCRETE)**
- All reinforcing steel shall be ASTM A615, Grade 60, except ties and stirrups shall be grade 40.
 - Reinforcing to be welded shall be ASTM A706, Grade 60. Tack welding of rebar is not permitted.
 - Fabricate and install reinforcing steel according to the "Manual of Standard Practice for Detailing Reinforced Concrete Structures" ACI Standard 315.
 - Provide dowels from footing to match all vertical wall, pier, column, and column reinforcing. Lap 45 diameters or 2'-0" minimum unless otherwise indicated.
 - Lap all bars in intersecting footings 2'-0" or 45 diameters, whichever is greater.
 - Splices in wall and footing reinforcing shall be lapped 45 diameters or 2'-0", whichever is greater, and shall be staggered at least 4 feet at alternate bars.
 - Provide 45 bar diameter or 2'-0" x 2'-0" minimum corner bars to match horizontal reinforcing in walls and footings of all corners and intersections.

CONSTRUCTION INSPECTION AND TESTING

A. GENERAL

- Independent testing lab to be retained by owner to provide inspections and special inspections as described herein.
- Contractor is responsible to coordinate and provide on site access to all required inspections and notify testing lab in time to make such inspections.
- Do not cover work required to be inspected prior to inspection being made. If work is covered, uncover as necessary.

B. SPECIAL INSPECTIONS

- Required special inspections shall be performed by an independent special inspector per Section 1701 of the Uniform Building Code (UBC) for the following:
 - Foundation:
 - Geotechnical engineer shall observe footing excavation and test compaction of fills prior to placement of concrete.
 - Verify soil bearing values where required under the "Foundation" section of these notes.
 - Geotechnical engineer shall monitor aggregate pier installation per section 02-36 of these notes.
 - Concrete:
 - During the taking of concrete test specimens.
 - Continuous on-site inspection during placing of concrete is not required after the inspector has verified the work is being installed per the contract documents and ACI requirements.
 - Verify reinforcing size, and grade, and placement for structural elements.
 - Exterior and interior slabs on grade are not structural elements and do not require special inspection.
- The special inspector shall provide a copy of their report to the owner, architect, structural engineer, contractor, and building official.

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REVISIONS		
NO.	DATE	ISSUE

SHEET TITLE

FOUNDATION PLAN
AND DETAILS

SHEET NUMBER

S-1

DATE: 09-25-01