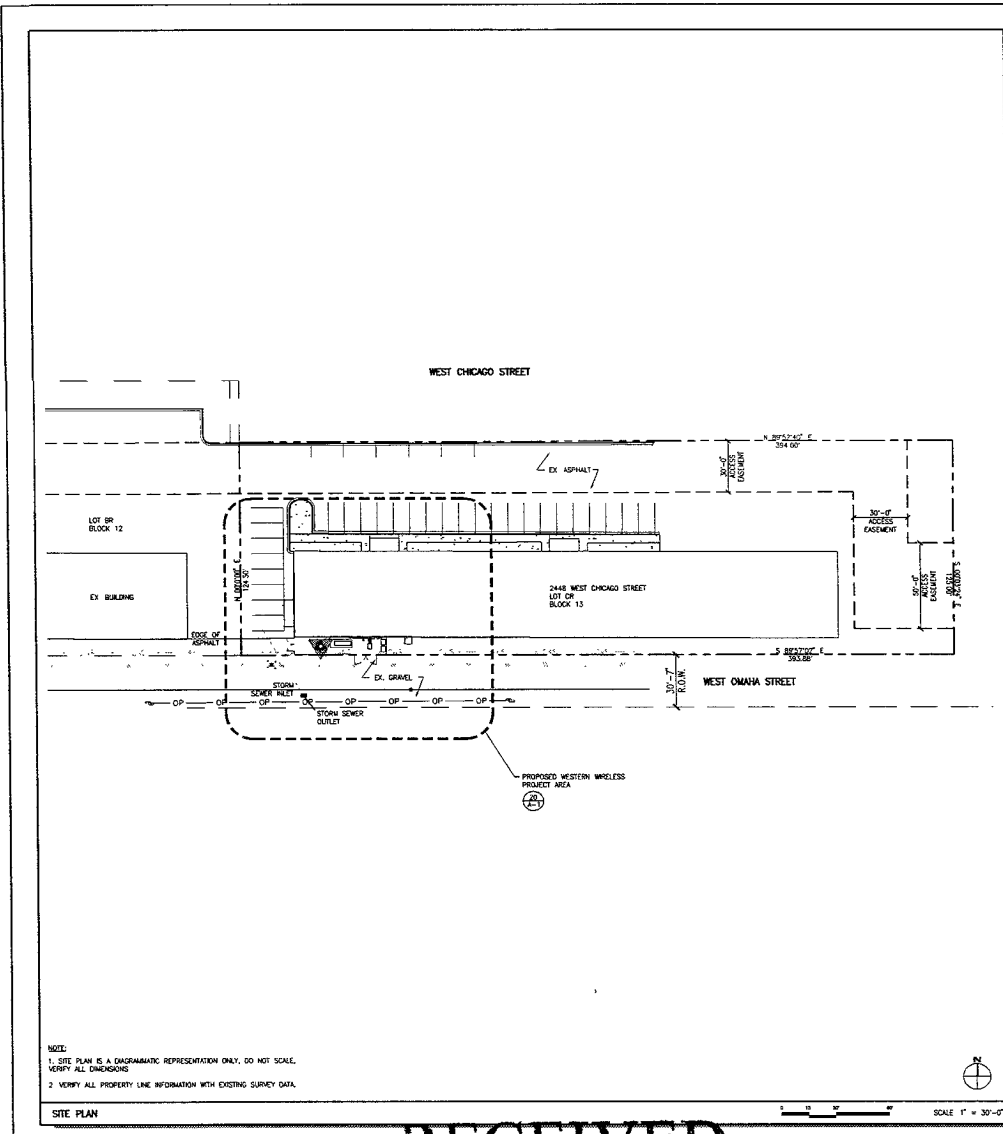


T:\Western Wireless\CDM\ASD-South Dakota\203215 MTSO Rapid-City SDRCCPermit.SHA\203215 T-1.dwg, T-1, 12/01/2003 10:42:46 AM, Imoblr



SITE NAME:
RAPID CITY MTSO

SITE NUMBER:
SDRC-S01

SH 1/4, SE 1/4, SECTION 34, TOWNSHIP 1 N, RANGE 7 E

LEGAL DESCRIPTION

SITE NAME: RAPID CITY MTSO
SITE NUMBER: SDRC-S01

SITE ADDRESS: 248 W CHICAGO RAPID CITY, SD 57702

OWNER: WEST PARK PLAZA P.O. BOX 2626 RAPID CITY, SD 57708

APPLICANT: WESTERN WIRELESS 3650 131ST AVENUE SE #400 BELLEVUE, WA 98006

JURISDICTION: CITY OF RAPID CITY 300 SOUTH STREET RAPID CITY, SD 57701
 TEL: 605.394.6100
 CONTACT: VICKI FISHER

PROJECT DESCRIPTION:
 WESTERN WIRELESS PROPOSES TO MODIFY AND CONTINUE TO OPERATE AN UNDEVELOPED RADIO TELECOMMUNICATIONS FACILITY. THE EXISTING FACILITY CONSISTS OF RADIO TRANSMITTER EQUIPMENT MOUNTED AT GRADE LEVEL INSIDE AN EXISTING OPERATIONS BUILDING AND ANTENNAS MOUNTED TO TWO SUPPORT STRUCTURES. WESTERN PROPOSES TO INSTALL 1 MICROWAVE ANTENNA TO THE EXISTING 100'-0" HIGH POLE AND DISMANTLE THE EXISTING 40'-0" STEEL POLE WITHIN THE FENCED COMPOUND.

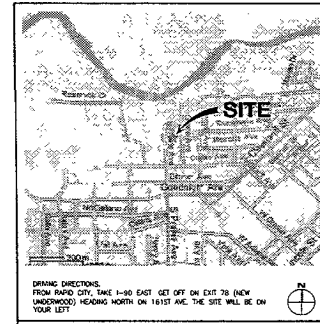
PROJECT SUMMARY

ARCHITECT: PB ARCHITECTS 303 BATTERY STREET SEATTLE, WA 98121
 TEL: 206.443.9790 FAX: 206.443.9875
 CONTACT: ERIC SLADKY

STRUCTURAL ENGINEER: PB ARCHITECTS 303 BATTERY STREET SEATTLE, WA 98121
 TEL: 206.443.9790 FAX: 206.443.9875
 CONTACT: MARK OLSON

LAND USE: REASON ASSOCIATES 200 WESTLAKE AVENUE NORTH SEATTLE, WA 98108
 TEL: 206.480.3811 FAX: 206.480.3828
 CONTACT: SARAH TELSCHOW

PROJECT TEAM



SHEET NUMBER	DESCRIPTION
T-1	SITE PLAN, PROJECT INFORMATION
C-1	SITE SURVEY
A-1	SOUTH ELEVATION, ENLARGED SITE PLAN
A-2	CONSTRUCTION DETAILS, CONSTRUCTION NOTES

SHEET INDEX

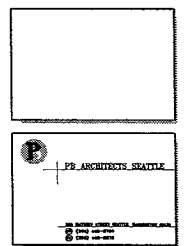
DOCUMENT REVIEW

LANDLORD	DATE
SITE ACQUISITION / FIDING	DATE
BY ENGINEER	DATE
PROJECT MANAGER	DATE
CONSTR. MANAGER	DATE

APPROVALS

western wireless

WESTERN WIRELESS
 3650 131st AVENUE SE, #400
 BELLEVUE, WASHINGTON 98006
 PHONE: (425) 686-8725
 FAX: (425) 686-8816



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RELEASE

DATE	CD REVIEW
20K0V3	CD FINAL
20K0V3	REVISED CD FINAL
01K0C3	REVISED CD FINAL

REVISIONS

NO.	DATE	CITY COMMENTS

SITE NAME:
RAPID CITY MTSO

SITE NUMBER:
SDRC

PSA JOB NUMBER: 203215 **IN HOUSE**

DATE: 2-24-03 **DRAWN BY:** JA
CHECKED BY: ES

SITE ADDRESS:
 248 W CHICAGO
 RAPID CITY, SD 57702

SHEET TITLE:
 SITE PLAN
 PROJECT INFORMATION

SHEET NUMBER:
 T-1

PLOT SCALE: PAPER SIZE 24"x36"

RECEIVED

DEC - 1 2003

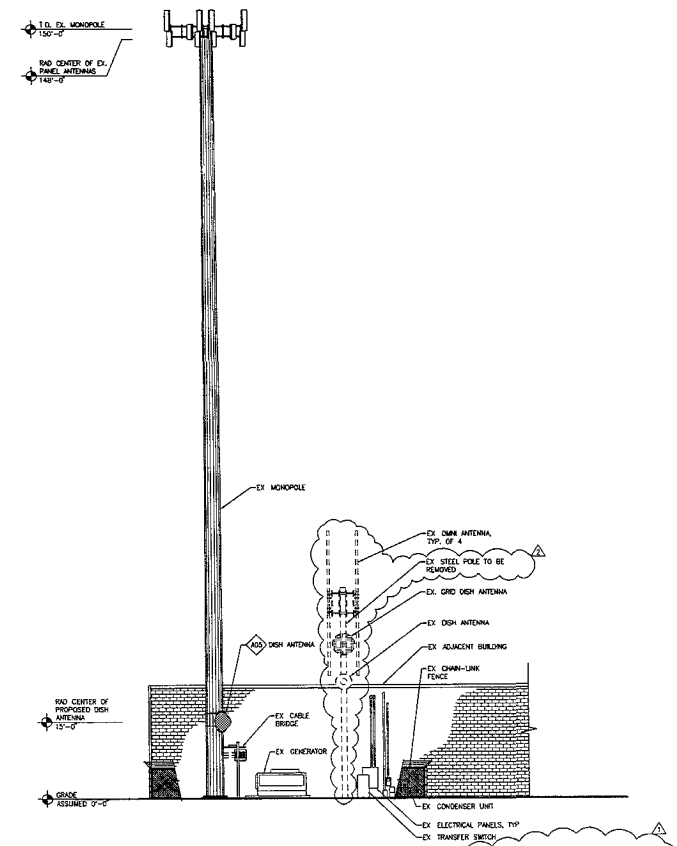
Rapid City
Planning Department

T:\Western Wireless\CD\MSD\203215 MTSO Rapid City SD\RC\Verml Set\203215 A-1 (Mag, A-1, 1/01/2003 10:43:44 AM) (moh)

ANTENNA LEGEND			
	ALPHA SECTOR	BETA SECTOR	GAMMA SECTOR
AZIMUTH	---	157	---
ANTENNA MODEL	---	GABRIEL PE4-107	---
ANTENNA COUNT	---	1	---
ANTENNA MOUNT HEIGHT	---	3	---
COAX TYPE/SIZE	---	DNV VESFY	---
COAX LENGTH	---	459	---
DOWNWILT	---	NA	---

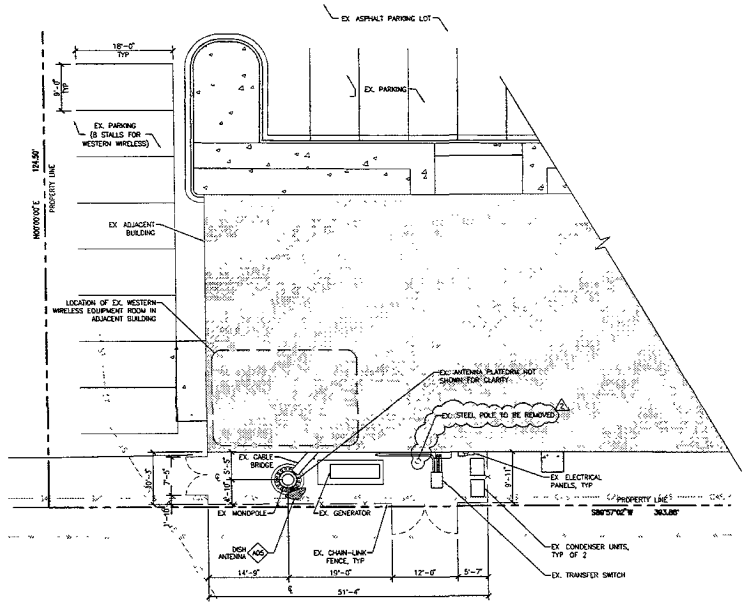
#	DESCRIPTION	SEE REFERENCE
1	PROPOSED WESTERN WIRELESS MICROWAVE DSH ANTENNA	(23) (24)

KEY NOTE LEGEND	
(Symbol)	(Symbol)
(Symbol)	(Symbol)
(Symbol)	(Symbol)
(Symbol)	(Symbol)



SOUTH ELEVATION

SCALE: 1" = 10'-0"

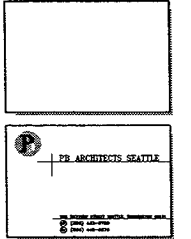


NOTE: 1. SITE PLAN IS A DIAGRAMMATIC REPRESENTATION ONLY, DO NOT SCALE, VERIFY ALL DIMENSIONS. 2. VERIFY ALL PROPERTY LINE INFORMATION WITH EXISTING SURVEY DATA.

ENLARGED SITE PLAN

SCALE: 1" = 10'-0"

western wireless
 WESTERN WIRELESS
 3850 13TH AVENUE SE, #400
 BELLEVUE WASHINGTON 98008
 PHONE (425) 658-8700
 FAX (425) 658-6615



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RELEASE DATE	REVISION
02/04/03	CD REVIEW
02/04/03	CD FINAL
22/04/03	REVISED CD FINAL
01/02/03	REVISED CD FINAL

REVISION NO.	DATE	CITY COMMENTS
1	02/04/03	CITY COMMENTS
2	02/04/03	CITY COMMENTS

RAPID CITY MTSO
 SITE NUMBER: SDRC
 PDA JOB NUMBER: 203215 IN HOUSE
 DRAWN BY: JA CHECKED BY: ES
 SITE ADDRESS: 2449 W CHICAGO RAPID CITY, SD 57702

SHEET TITLE: SOUTH ELEVATION ENLARGED SITE PLAN
 SHEET NUMBER: A-1
 PLOT SCALE: PAPER SIZE 24"x36"

RECEIVED

DEC - 1 2003
 Rapid City
 Planning Department

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DISH ANTENNA MOUNT

SCALE: 3/4" = 1'-0" 13

1. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
2. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AS ALL TRADES AND WORKS REQUIRED FOR THE PROPER EXECUTION OF THE WORK SHALL BE RELOCATED AS DIRECTED BY ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PILES AROUND OR NEAR UTILITIES. CONSTRUCTION SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE, BUT NOT BE LIMITED TO, ALL FALL PROTECTION BY COMFED SPACE IS ELECTRICAL SAFETY OR TRAINING AS DEMAND.
3. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE DESIGN AND CONSTRUCTION SPECIFICATIONS.
4. IF NECESSARY, RUBBER, STAMPS, DEBRIS, STICKS, STONES AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE AND DEPOSITED OF LEGALLY.
5. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWER AREAS.
6. NO FILL OR DRAINAGE MATERIAL SHALL BE PLACED ON FROZEN GROUND, FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR DRAINAGE.
7. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
8. ALL EXISTING MACHINE, SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED, OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF ENGINEERING, OWNER AND/OR LOCAL UTILITIES.
9. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING OR DRAINAGE, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED, AND COVERED WITH MULCH AS REQUIRED IN THE SPECIFICATION FOR LANDSCAPE WORK.
10. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL ORDINANCES FOR EROSION AND SEDIMENT CONTROL.
11. EXCAVATE MINIMUM NECESSARY TO GRUB SITE.
12. USE APPROVED MATERIAL FROM FOUNDATION EXCAVATION TO FILL AND GRADE SITE WITH GROWN AS INDICATED; COMPACT TO 90% OR ENGINEERED FILL.
13. WHERE NECESSARY DUE TO SOIL SITE CONDITIONS, REMOVE UNSUITABLE MATERIAL AND REPLACE WITH 4"-6" OR 12" GRADED ROCK COMPACTED TO 90% OR ENGINEERED FILL. REVIEW WITH PROJECT MANAGER PRIOR TO PROCEEDING.
14. GRADE AROUND EQUIPMENT/SHELTER AS REQUIRED. SLOPE TO ALL EDGES OF SITE PERIMETER AT 2:12% MINIMUM.
15. FINISH SITE AROUND PERIMETER OF STRUCTURE WITH 4" OR 6" OR 12" CLEAN, DASHED ROCK WITH NO FINES, APPLY OVER GRADED, COMPACTED SOIL.

GENERAL SITE WORK NOTES

1. CONTRACTOR TO PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
2. CONTRACTOR TO NOTIFY PROJECT MANAGER OF ANY DISCREPANCIES WITH THE PROPOSED LAYOUT PRIOR TO PROCEEDING.
3. ALL PIPES, BRACKETS, PLATES AND MISC. HARDWARE TO BE GALVANIZED UNLESS OTHERWISE NOTED.
4. ALL ANTENNA AND COAXIAL ANTENNA CABLE TO BE FURNISHED BY LESSEE/OPERATOR AND INSTALLED BY CONTRACTOR.
5. ALL HARDWARE AND CONNECTORS TO BE GALVANIZED UNLESS OTHERWISE NOTED.

SCALE: NONE 18

ANTENNA NOTES

ANTENNA LEGEND
 (C) CABLE P64-107
 (X) MONOPOLE
 (S) 157

SCALE: NONE 19

PROPOSED ANTENNA MOUNT PLAN @ 15"

SCALE: 3/4" = 1'-0" 20

WESTERN WIRELESS
 3850 131st AVENUE SE, #400
 BELLEVUE, WASHINGTON 98008
 PHONE: (425) 536-8725
 FAX: (425) 536-8835

PR ARCHITECTS, SEATTLE

10000 1st Avenue SE, Suite 1000
 Seattle, WA 98148

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RELEASE	
DATE	
06/01/03	CD REVIEW
06/01/03	CD FINAL
06/01/03	REVISED CD FINAL
01/06/03	REVISED CD FINAL

REVISIONS	
NO.	DATE
1	
2	
3	

SITE NAME: _____

RAPID CITY MTSO

SITE NUMBER: _____

SDRC

PR JOB NUMBER: _____ IN HOUSE

203215 DRAWN BY: JR
 CHECKED BY: ES

SITE ADDRESS:
 2-4-45 W CHICAGO
 RAPID CITY, SD 57702

SHEET TITLE: _____

CONSTRUCTION DETAILS
 CONSTRUCTION NOTES

SHEET NUMBER: _____

A-2

PLAT SCALE: PAPER SIZE 24"x36"

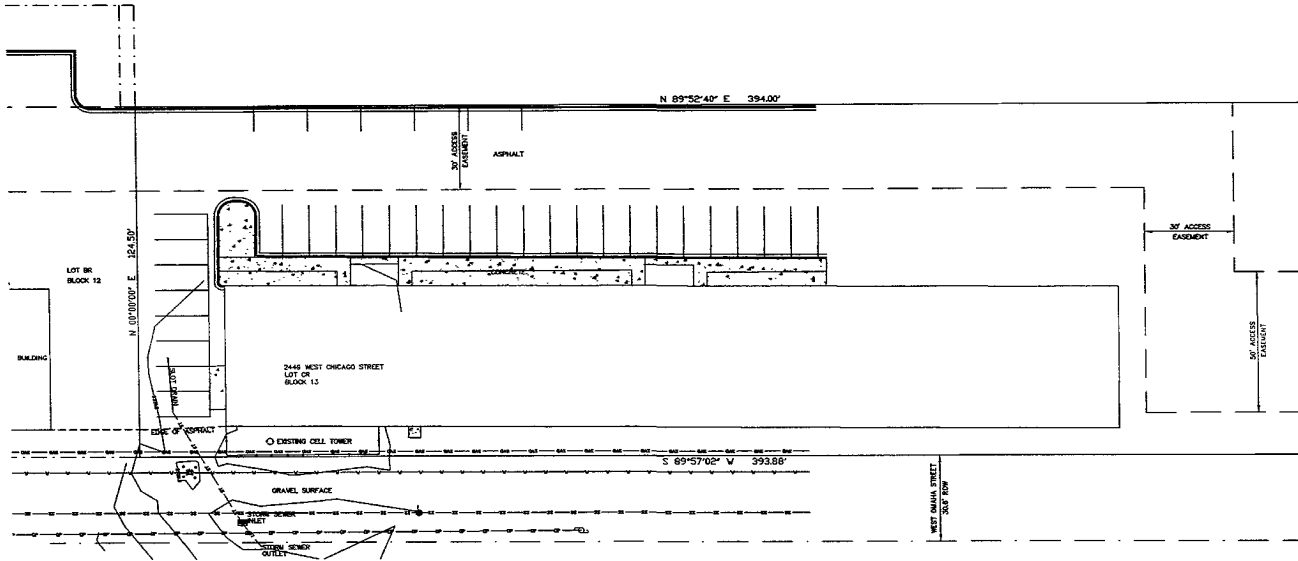
RECEIVED

DEC - 1 2003

Rapid City
 Planning Department

WEST CHICAGO STREET

SITE PLAN
LOT CR, BLOCK 12
PROVIDENCE SUBDIVISION
FOR
CELL TOWER IMPROVEMENTS
AT 2449 WEST CHICAGO STREET,
RAPID CITY, SOUTH DAKOTA



LEGEND

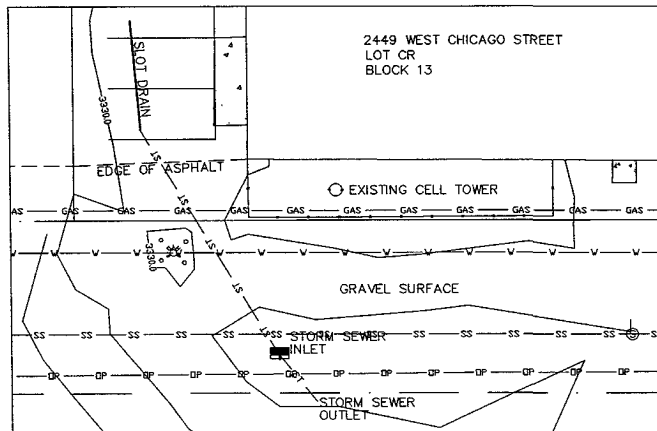
- ⊙ EXISTING COMPOUND
- ⊗ FIRE HYDRANT
- BOLLARD
- DP— POWER LINE
- GAS— GAS LINE
- V— WATER LINE
- SS— SEWER LINE



ORIGINAL SURVEY WAS CREATED FOR AN 11x17 FORMAT. PLEASE DO NOT SCALE FROM THE 24x36 DRAWING.

CERTIFICATE OF SURVEYOR

I, Robert L. St. Claire, do hereby certify that I am a Professional Land Surveyor, registered under the laws of the State of Wyoming. I further certify that this plat is a true and accurate description of the property to the best of my knowledge and belief.



DETAIL VIEW
HORZ. 1" = 20'
1" CONTOURS

PREPARED FOR:

PB ARCHITECTS
3003 BATTERY STREET
SEATTLE, WA



DRAWN BY: EDP	CHECKED BY:	1
DATE: 11/5/03	DATE: X	1
JOB No:	AutoCAD File: 03121.DWG	1

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DEC - 1 2003

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Planning Department