

FINDORFF YARDS OFFICE LOFTS

Madison, Wisconsin

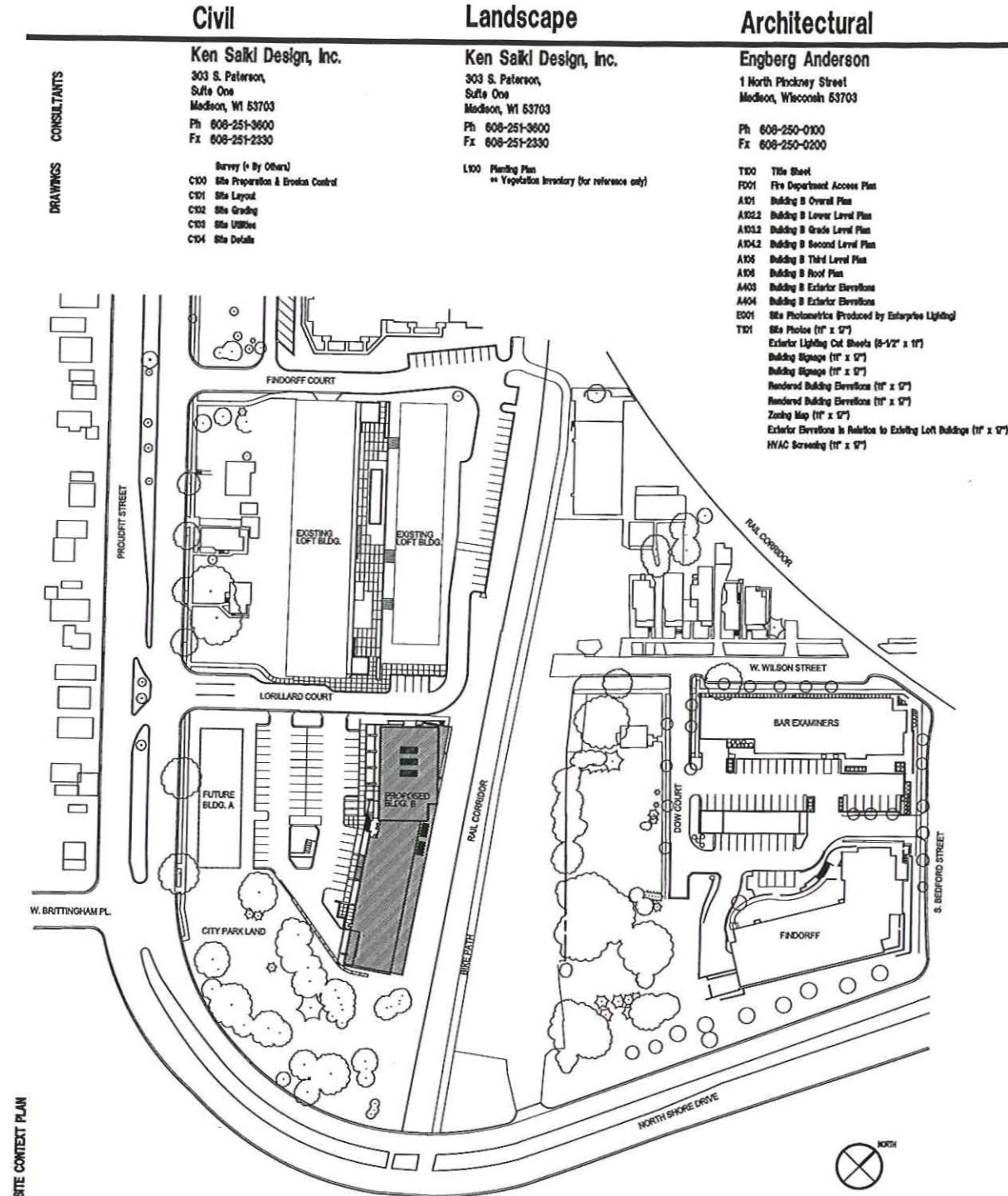


PROJECT

SEAL

CONSULTANTS

DRAWINGS



SITE CONTEXT PLAN

Civil

Ken Saki Design, Inc.
303 S. Peterson,
Suite One
Madison, WI 53703
Ph 608-251-3600
Fx 608-251-2330

- Survey (• By Others)
C100 Site Preparation & Erosion Control
C101 Site Layout
C102 Site Grading
C103 Site Utilities
C104 Site Details

Landscape

Ken Saki Design, Inc.
303 S. Peterson,
Suite One
Madison, WI 53703
Ph 608-251-3600
Fx 608-251-2330

- L100 Planting Plan
•• Vegetation Inventory (for reference only)

Architectural

Engberg Anderson
1 North Pinckney Street
Madison, Wisconsin 53703
Ph 608-250-0100
Fx 608-250-0200

- T100 Title Sheet
FD01 Fire Department Access Plan
A101 Building B Overall Plan
A102.1 Building B Lower Level Plan
A102.2 Building B Grade Level Plan
A103 Building B Second Level Plan
A104 Building B Third Level Plan
A105 Building B Roof Plan
A106 Building B Exterior Elevations
A107 Building B Exterior Elevations
E101 Site Photos (1" x 1")
E102 Exterior Lighting Cut Sheets (9-1/2" x 11")
E103 Building Signage (1" x 1")
E104 Building Signage (1" x 1")
E105 Rendered Building Elevations (1" x 1")
E106 Rendered Building Elevations (1" x 1")
E107 Zoning Map (1" x 1")
E108 Exterior Elevations in Relation to Existing Loft Buildings (1" x 1")
E109 HVAC Screening (1" x 1")

GENERAL PROJECT NOTES

SQUARE FOOTAGE (ACREAGE) OF THE SITE:
73,130 SQUARE FEET (1.68 ACRES)

BUILDING FOOTPRINT: 18,472 sf

SQUARE FOOTAGE BY USE:
Use Square Feet
1) Speculative Office Space 36,606 sqft
2) Building Services/ Main Lobby 2,919 sqft
3) Below Grade Parking 18,472 sqft

BUILDING SUMMARY

BUILDING TYPE	Office Building
OCCUPANCY CLASSIFICATION	B
CONSTRUCTION TYPE	TYPE 5-B
SPRINKLERED	YES
MAXIMUM ALLOWABLE AREA	27,000 SF/FLOOR
MAXIMUM ALLOWABLE STORES	3 (MAX HEIGHT 60')
TOTAL OCCUPANCY LOAD	Business 433 (43,283 gsf/100gsf per occupant) Parking Garage 83 (18,472 gsf/200gsf per occupant) Total 516

BUILDING TOTALS

- Building B Lower Level (Parking Level)	GSF = 18,472 RSF = 0 USF = 0
- Building B Grade Level	GSF = 18,308 RSF = 17,099 USF = 15,716
- Building B Second Level	GSF = 18,107 RSF = 16,522 USF = 15,590
- Building B Third Level	GSF = 6,790 RSF = 5,904 USF = 5,300
- Building B Square Foot Totals	GSF = 43,283 (not including lower level) RSF = 39,525 (not including lower level) USF = 36,606 (not including lower level)

TOTAL PARKING COUNTS	
- On Grade Parking	= 56 (3 Accessible stalls, 1 of which is van accessible)
- Below Grade Parking	= 45 (2 Accessible stalls, 1 of which is van accessible)
Total Parking Spaces	= 101

Total Gross Square Footage - B = 43,283 gsf (not including lower level)
101 TOTAL STALLS FOR 43,283 gsf = 2.33 stalls/1,000 gsf of office



SITE LOCATION MAP

FINDORFF YARDS OFFICE LOFTS

Madison, WI 53703
Urban Land Institute
10 East Doty Street
Suite 300
Madison, WI 53703
Project No 081780

Issued For:
No. Description Date

URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
SUBMITTED: JULY 29, 2008 FOR:
AUGUST 18, 2008 LANDMARK COMMISSION MEETING
AUGUST 20, 2008 URBAN DESIGN COMMISSION INITIAL/FINAL APPROVAL MEETING
SEPTEMBER 6, 2008 PLAN COMMISSION MEETING
NOT FOR CONSTRUCTION

Drawn by ed
Checked by ms
File 080716_PC Title

City Review Set
Title Sheet

T100

NOTES: (from ISM 11210)

- 1) Areas indicate the direction of surface drainage slope or individual property lines. said drainage shall be graded with the construction of each principal structure and maintained by the owner. Elevation of the ground surface shall be indicated by the 10' contour.
- 2) All lots within this survey are subject to a non-exclusive easement for drainage purposes which shall be a minimum of 6' wide, in width measured from the property line to the centerline of the easement. The easement shall be 12 feet in width on the centerline of the plot of survey. Easements shall not be required on property lines shown with greenlines or public streets.

- 3) The lots within this certified survey are interconnected with the water, sewer, stormwater, telephone, and electric lines. An agreement between all lot owners, is on file with the City Engineer and records of the Dane County Register of Deeds.
- 4) All lots created by this certified survey map are individually responsible for compliance with Chapter 37 of the Madison general ordinances in regard to stormwater detention of this map and any drainage.
- 5) The 10' wide easement shown on this map has been designated a common property of noted agreement between all lot owners.
- 6) Easements shown on this map are created by the CityPark & Pleasure Drive

Surveyed Map:
 Engineering Firm:
 Madison WI 53705



LEGAL DESCRIPTION
 Lots 2 and 3 Certified Survey Map No. 11210, recorded as Document No. 207826 and 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

SURVEYOR'S CERTIFICATE
 I, Roger D. Burrows, Registered Land Surveyor, certify that the information on this survey map is true and correct to the best of my knowledge and belief.
 Dated this _____ day of _____, 2009.

Roger D. Burrows, Registered Land Surveyor, 2009

D'ONOFRIO NOTTKE AND ASSOCIATES, INC.
 7530 Westward Way, Madison, WI 53717
 Phone: 608.833.7530 • Fax: 608.833.1089
 YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

TOPOGRAPHIC AND BOUNDARY SURVEY
FINDORFF YARDS OFFICE LOFTS
 LOCATED IN THE NW1/4 OF THE SE1/4 OF SECTION 23, T7N, R9E,
 CITY OF MADISON, DANE COUNTY, WISCONSIN

DATE: 7-9-08
 REVISED: 7-14-08

FN: 08-02-128



**FINDORFF YARDS
OFFICE LOFTS**

Madison, WI 53703
Urban Land Interests
10 East Dry Street
Suite 300
Madison, WI 53703
Project No. 061700

Issued for:
No. Description Date

URBAN DESIGN COMMISSION / LANDMARK COMMISSION / PLAN COMMISSION SUBMITTAL
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SEPTEMBER 6, 2008 PLAN COMMISSION MEETING
NOT FOR CONSTRUCTION

Drawn by
Checked by
File

**Site Preparation and
Erosion Control**

C100

TYPE C (WITH CURB BOX)

GENERAL NOTES:
1. ALL SILENT PUMPING DEVICES SHALL BE PACKAGED OR PLACED AT THE DISCRETION OF THE ENGINEER.
2. MANUFACTURER APPROVED AND LISTED ON THE APPROPRIATE LISTING SERVICE SHALL BE USED.
3. WHEN REMOVING OR MAINTAINING SILENT PROTECTION, CARE SHALL BE TAKEN TO HAVE THE REMOVED PARTS TO BE RECYCLED TO THE EXTENT POSSIBLE. ALL PARTS TO BE RECYCLED SHALL BE PLACED IN A RECYCLING BIN OR TRUCK AT THE PROJECT SITE.
4. ALL SILENT PROTECTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
5. ALL SILENT PROTECTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
6. ALL SILENT PROTECTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
7. ALL SILENT PROTECTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

1 INLET PROTECTION

2 STONE TRACKING PAD

3 SILT FENCE

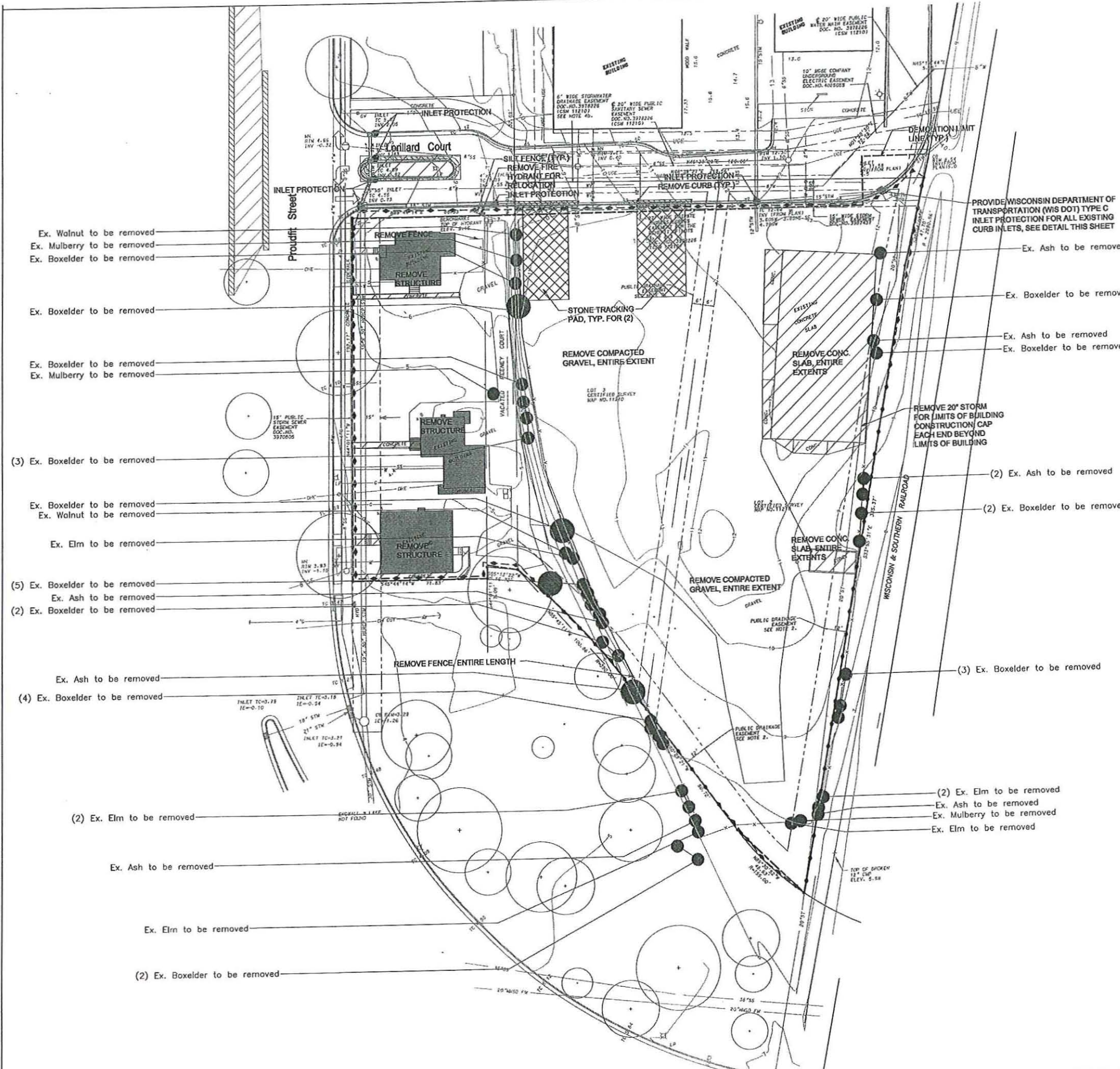
LEGEND

- REMOVE PAVEMENT
- REMOVE CURB
- REMOVE EXISTING TREE
- INLET PROTECTION (7)
- TRACKING PAD (2)
- SILT FENCE

NOTE: Site Site Watering: Water pumped from the site shall be treated by temporary sedimentation basins or their appropriate control measures. Such sedimentation basins shall have a depth of at least 3 feet, be surrounded by a concrete or equivalent barrier and have sufficient surface area to provide a surface settling rate of not more than 1000 gallons per square foot per day at the highest prevailing pumping rate. Water may not be discharged in a manner that causes erosion of the site, a neighboring site, or the bed banks of the receiving water. Pumping/discharging site water at a rate greater than 70 GPM requires a permit with the Dane County Health Department.

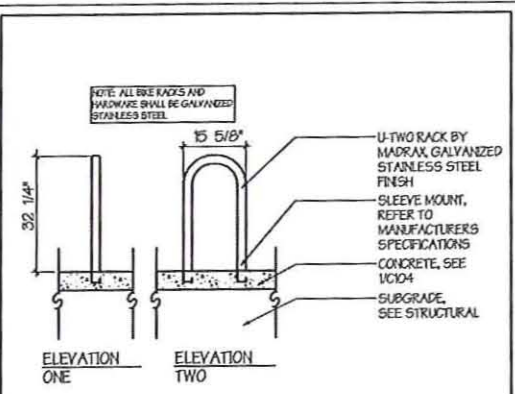
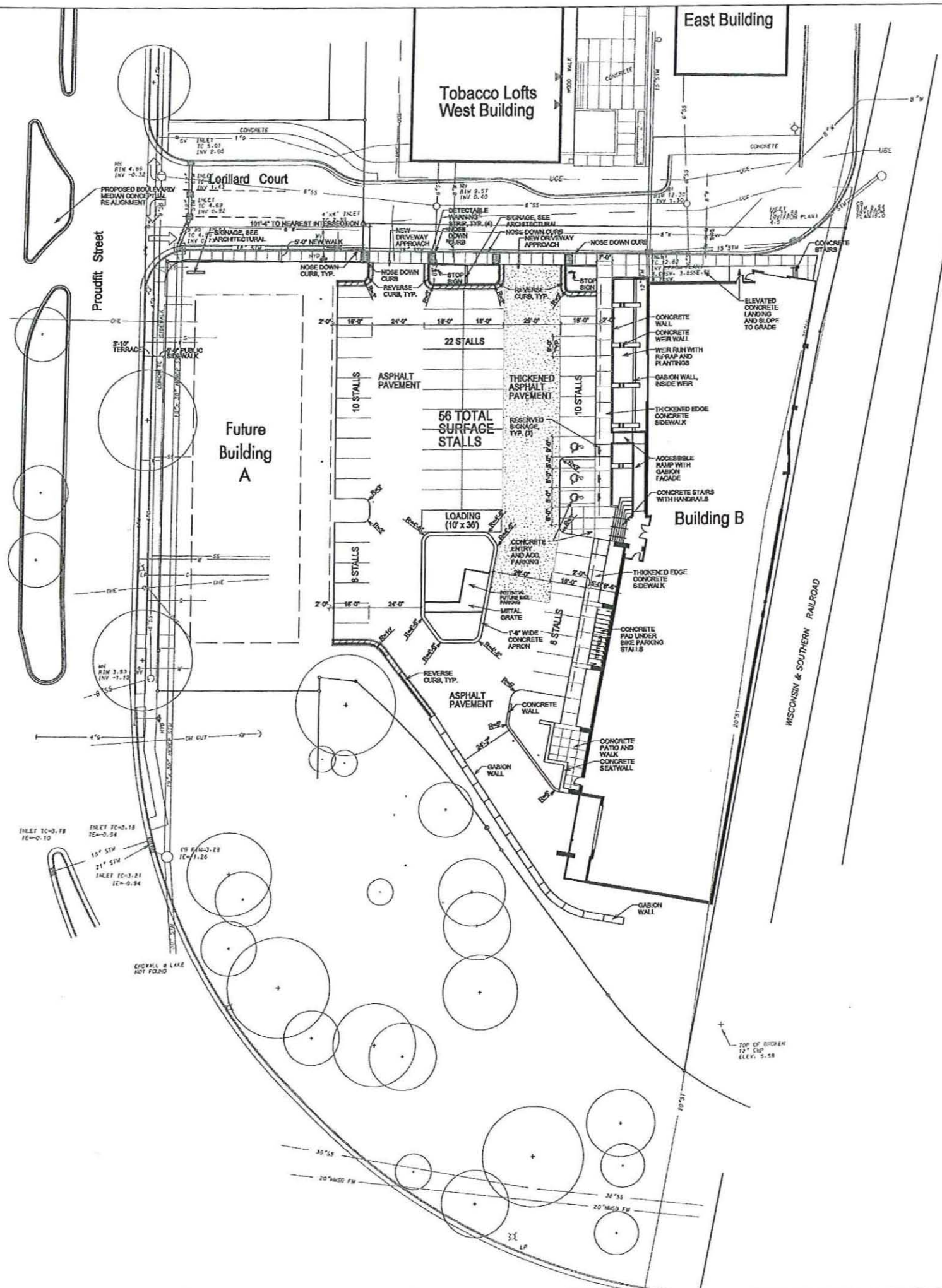
KEY PLAN

SCALE: 1" = 20'-0"

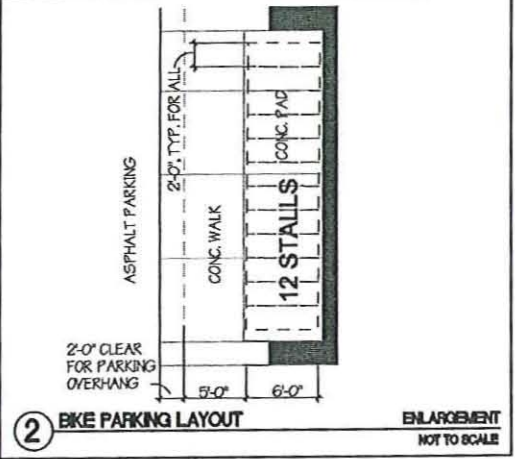


- Ex. Walnut to be removed
- Ex. Mulberry to be removed
- Ex. Boxelder to be removed
- Ex. Boxelder to be removed
- Ex. Boxelder to be removed
- Ex. Mulberry to be removed
- (3) Ex. Boxelder to be removed
- Ex. Boxelder to be removed
- Ex. Walnut to be removed
- Ex. Elm to be removed
- (5) Ex. Boxelder to be removed
- Ex. Ash to be removed
- (2) Ex. Boxelder to be removed
- Ex. Ash to be removed
- (4) Ex. Boxelder to be removed
- (2) Ex. Elm to be removed
- Ex. Ash to be removed
- Ex. Elm to be removed
- (2) Ex. Boxelder to be removed

- PROVIDE WISCONSIN DEPARTMENT OF TRANSPORTATION (WIS DOT) TYPE C INLET PROTECTION FOR ALL EXISTING CURB INLETS, SEE DETAIL THIS SHEET
- Ex. Ash to be removed
- Ex. Boxelder to be removed
- Ex. Ash to be removed
- Ex. Boxelder to be removed
- (2) Ex. Ash to be removed
- (2) Ex. Boxelder to be removed
- (3) Ex. Boxelder to be removed
- (2) Ex. Elm to be removed
- Ex. Ash to be removed
- Ex. Mulberry to be removed
- Ex. Elm to be removed



1 BIKE PARKING DETAIL NOT TO SCALE



ACCESSIBLE PARKING

**CITY OF MADISON REQUIRES MIN. 3 STALLS FOR AT-GRADE
56 TOTAL PARKING STALLS (1 STALL MUST BE VAN ACCESSIBLE)

TOTAL STALLS	AT GRADE ACC.	BELOW GRADE ACC.	TOTAL ACC.
56 AT-GRADE	2 TYPICAL	1 TYPICAL	3 TYPICAL
45 UNDERGROUND	1 VAN ACC.	1 VAN ACC.	2 VAN ACC.

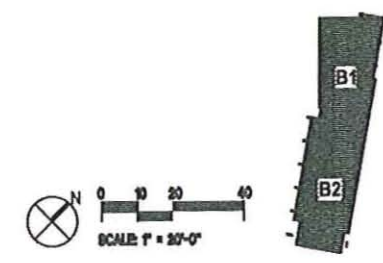
BICYCLE PARKING

**CITY OF MADISON REQUIRES 1 BIKE PARKING STALL PER 10 AUTOMOBILE PARKING SPACES

TOTAL AUTO. STALLS	BIKE STALLS REQUIRED	BIKE STALLS AT GRADE	BIKE STALLS BELOW GRADE	TOTAL BIKE STALLS PROVIDED
101 STALLS	11 STALLS	12 STALLS	9 STALLS	21 STALLS

- NOTES:**
- Exterior Bicycle Racks will be from Madrax, Middleton, WI. Round-arm with surface mount will be selected. See detail this sheet.
 - All right-of-way improvements require separate approval by the Board of Public Works and Common Council for the public right-of-way changes requested by the developer.
 - All "Stop" signs shall be installed at a 7' height.
 - Per developers agreement all improvements within the right-of-way shall be per City design. City will issue plans at a later date.

KEY PLAN



FINDORFF YARDS OFFICE LOFTS

Madison, WI 53703
Urban Land Interests
10 East Doty Street
Suite 300
Madison, WI 53703
Project No. 061700

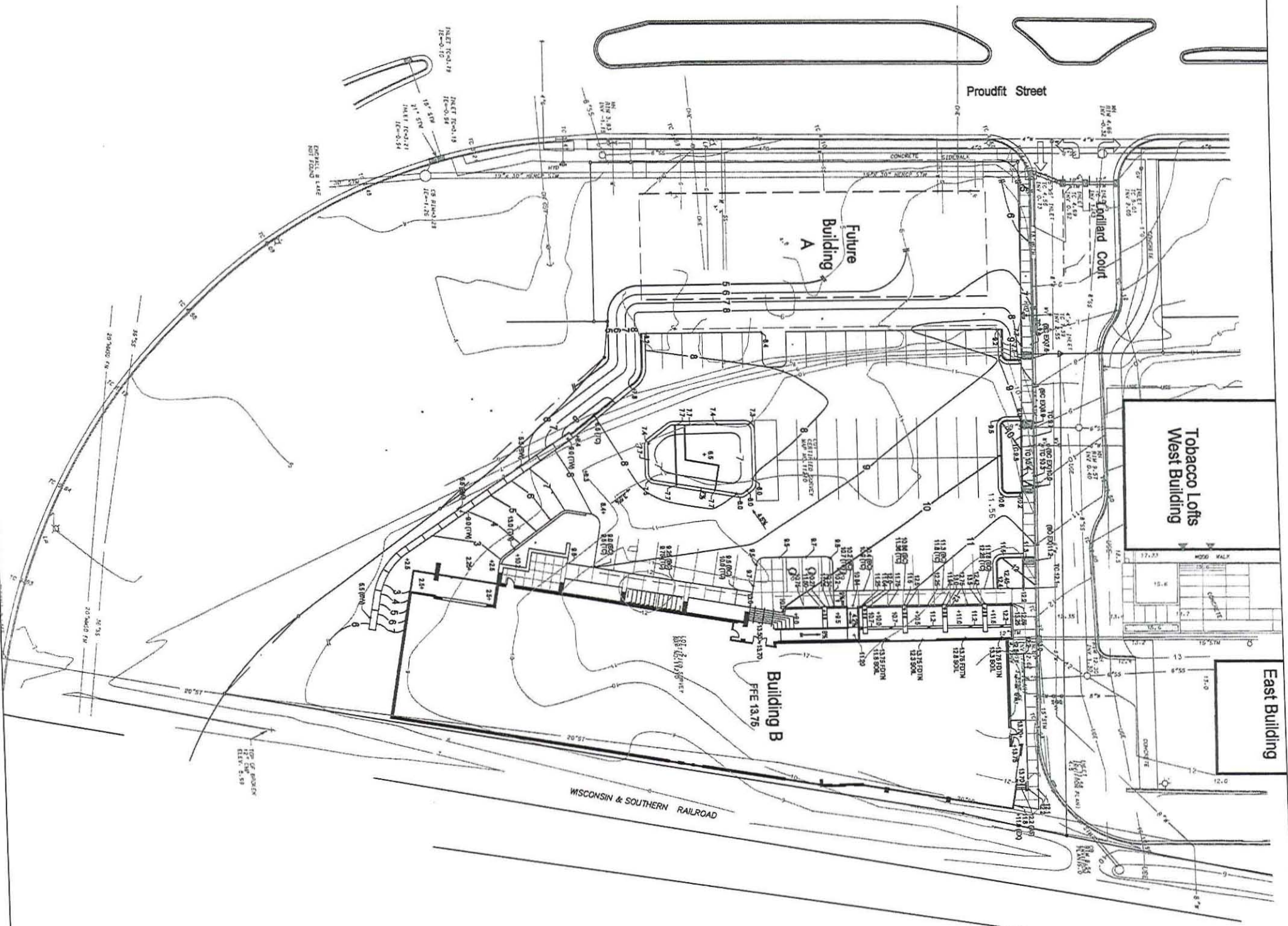
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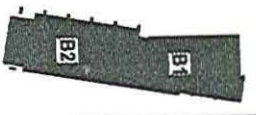
Drawn by
Checked by
File

Site Layout

C101



KEY PLAN



Engberg
Anderson
MILWAUKEE • MADISON • TUCSON



KINSALKEN
ARCHITECTS
LANDSCAPE
DESIGN INC

**FINDORFF YARDS
OFFICE LOFTS**

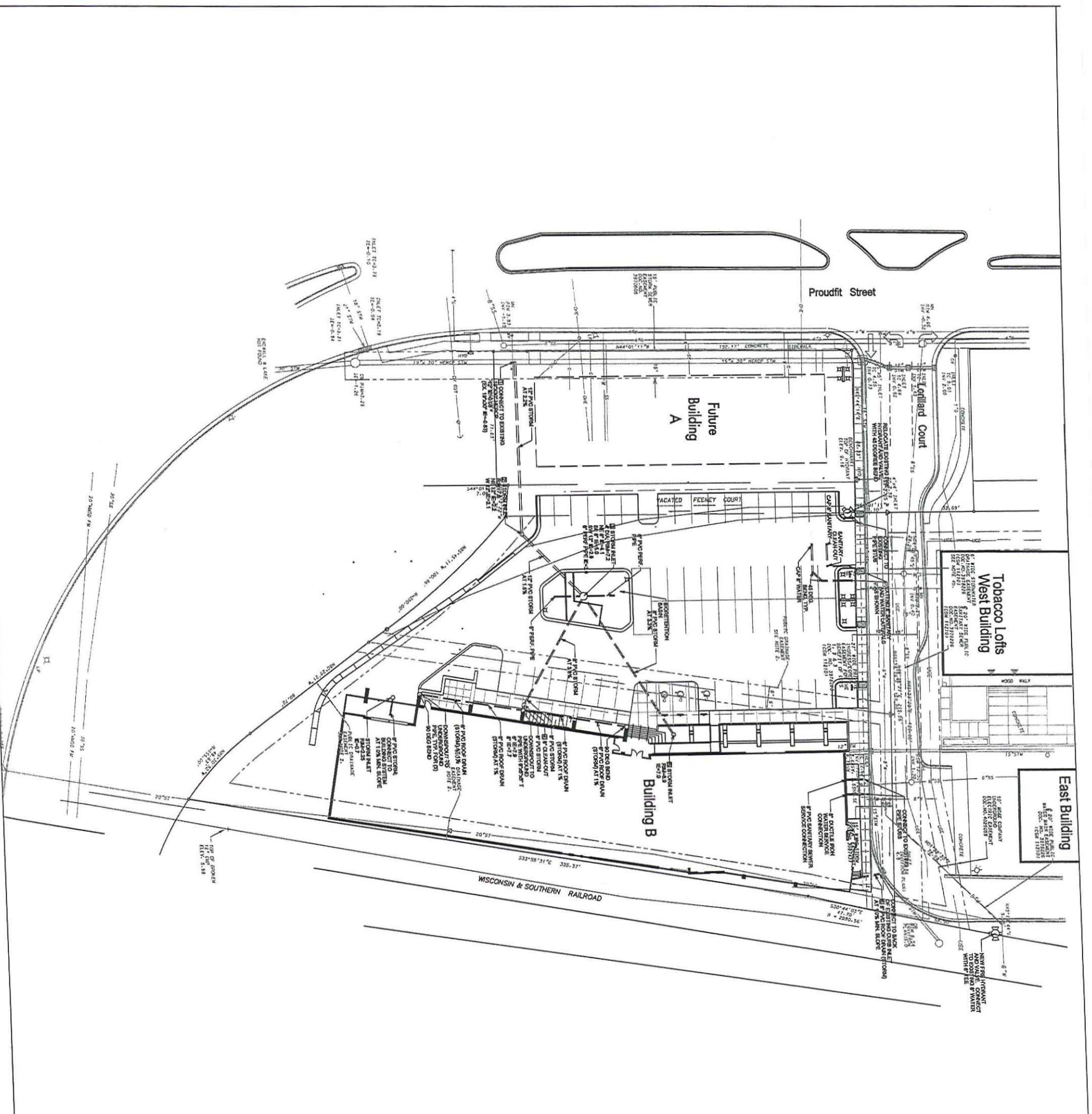
Madison, WI 53703
Urban Land Institute
101 East 109th Street
Madison, WI 53703
Project No. 081700

Issued For: _____ Date: _____
No. Drawings: _____

URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
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 NOT FOR CONSTRUCTION

gda Creating

C102



NOTES:
 1. See E001 for entire extent of building and site lighting with photometric calculations.

KEY PLAN



C103

Site Utilities

Drawn by
 Checked by
 FH

URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
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Scale:
 Ht. Description
 Dia.

Madison, WI 53703
 Urban Land Institute
 10 East Dry Street
 Suite 300
 Madison, WI 53703
 Project No. 081780

**FINDORFF YARDS
 OFFICE LOFTS**



MILWAUKEE • MADISON • TUCSON





FINDORFF YARDS
OFFICE LOFTS

Madison, WI 53703
Urban Land Interests
10 East Dwy Street
Suite 200
Madison, WI 53703
Project No 001700

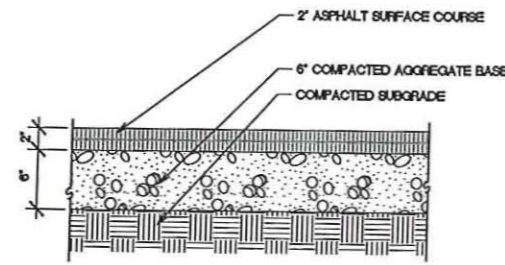
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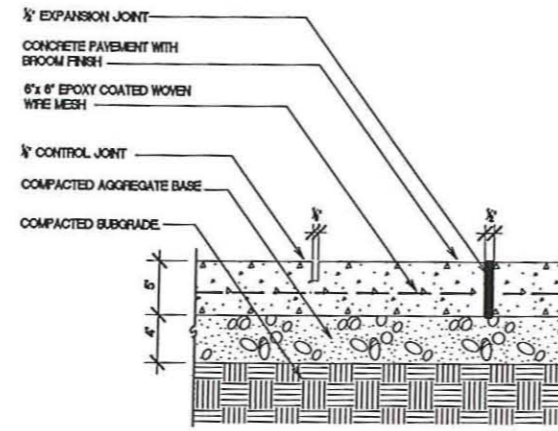
Drawn by
Checked by
File

Site Details

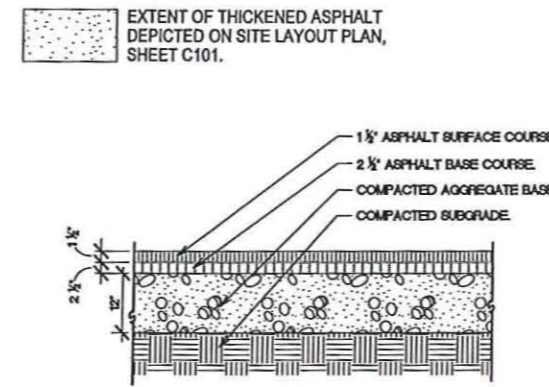
C104



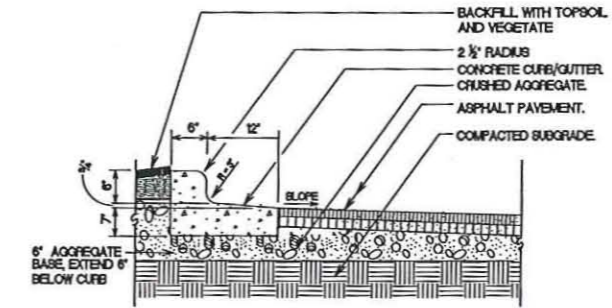
1 ASPHALT PAVEMENT DETAIL NOT TO SCALE



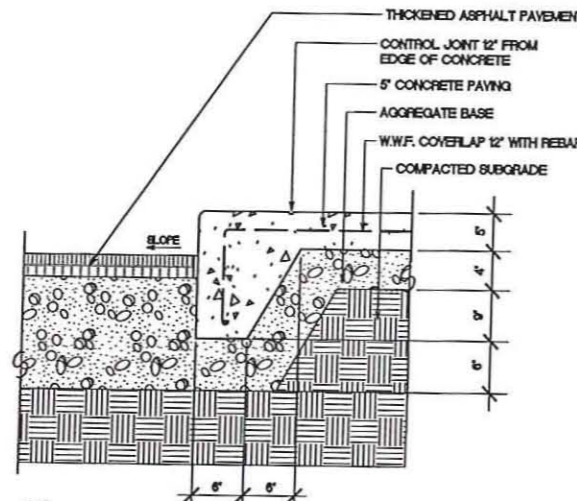
2 CONCRETE WALK AND JOINTS DETAIL NOT TO SCALE



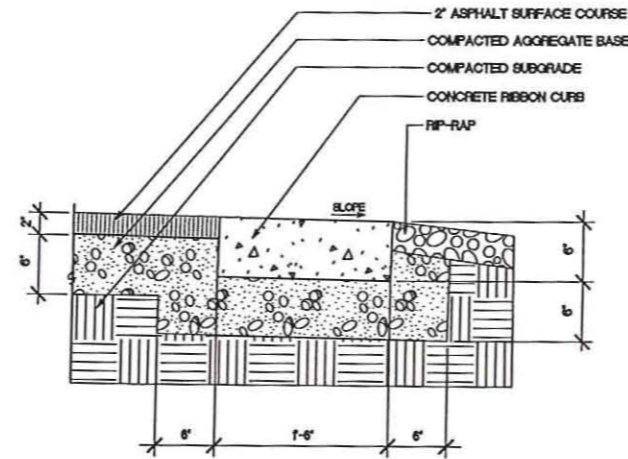
3 THICKENED ASPHALT PAVEMENT DETAIL NOT TO SCALE



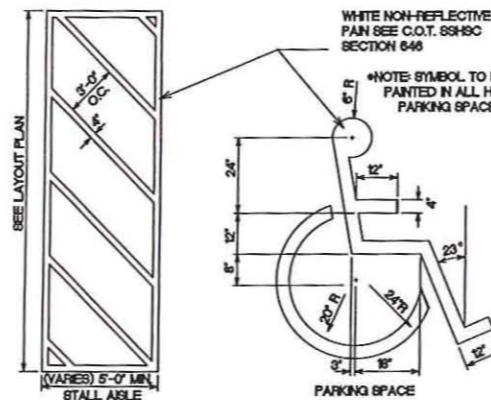
4 REVERSE CURB DETAIL NOT TO SCALE



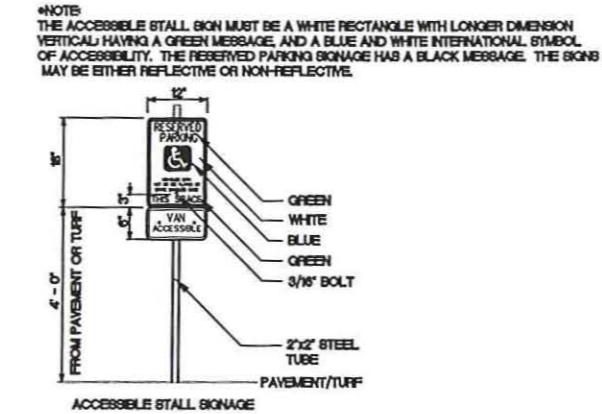
5 THICKENED EDGE CURB DETAIL NOT TO SCALE



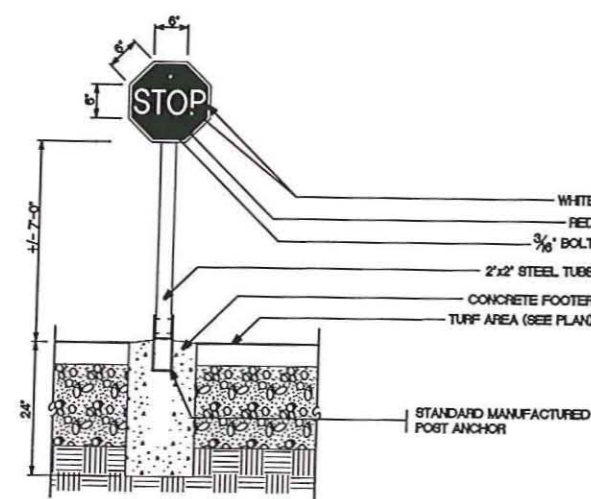
6 CONCRETE RIBBON CURB DETAIL NOT TO SCALE



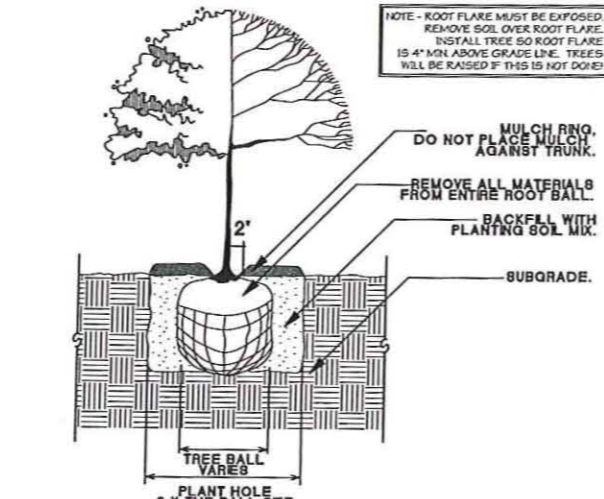
7 ACCESSIBLE PARKING MARKING DETAIL NOT TO SCALE



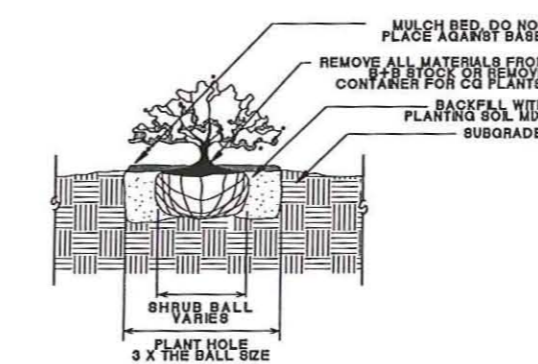
8 RESERVED PARKING SIGNAGE DETAIL NOT TO SCALE



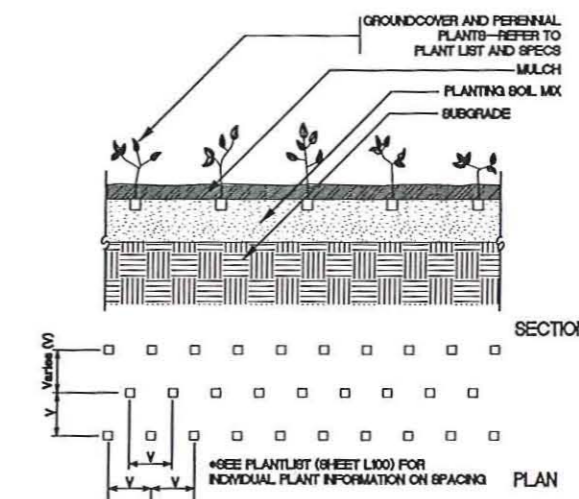
9 POLE MOUNTED STOP SIGN DETAIL NOT TO SCALE



10 DECIDUOUS TREE DETAIL NOT TO SCALE



11 DECIDUOUS/EVERGREEN SHRUB DETAIL NOT TO SCALE



12 ORNAMENTAL GRASS + PERENNIAL PLANTING DETAIL NOT TO SCALE



FINDORFF YARDS
OFFICE LOFTS

Madison, WI 53703

Urban Land Interests
10 East Doty Street
Suite 300
Madison, WI 53703

Project No. 081780

Issued For:

No.	Description	Date

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SUBMITTED: JULY 29, 2008 FOR:

AUGUST 18, 2008 LANDMARK COMMISSION MEETING

AUGUST 20, 2008 URBAN DESIGN COMMISSION INITIAL/FINAL APPROVAL MEETING

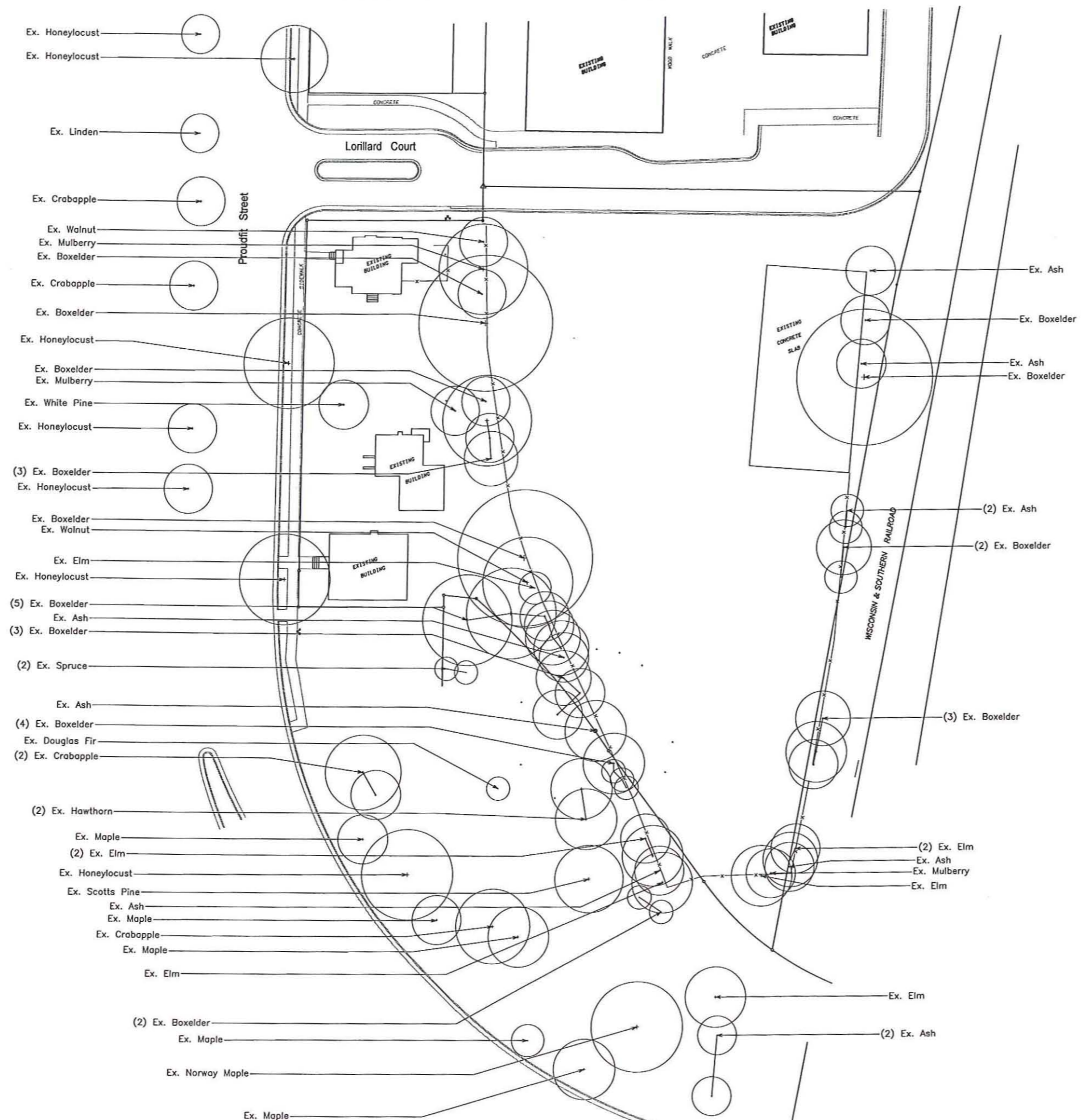
SEPTEMBER 6, 2008 PLAN COMMISSION MEETING

NOT FOR CONSTRUCTION

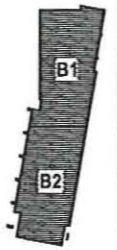
Drawn by
Checked by
File

Tree Inventory

**FOR
REFERENCE
ONLY**



KEY PLAN





acer x freemanii 'Celebration'_2.jpeg



baptisia australis var minor.jpg



Bouteloua_curtipendula_2.jpg



carex muskingumensis 'Oehmei'.jpg



carex pensylvanica.jpg



carex vulpinoidea.JPG



crataegus viridis 'winter king'.jpg



echinacea pallida.jpg



little bluestem field.jpg



ostrya virginiana.jpg



panicum virgatum 'heavy metal'.jpg



populus tremuloides.jpg



rhus aromatica.jpg



Schizachyrium scoparium 'The Blues'.jpg



sporobolus heterolepis.jpg

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LOFTS**

Madison, WI 53703
Urban Land Partners
101 East Day Street
Suite 300
Madison, WI 53703
Project No. 041780

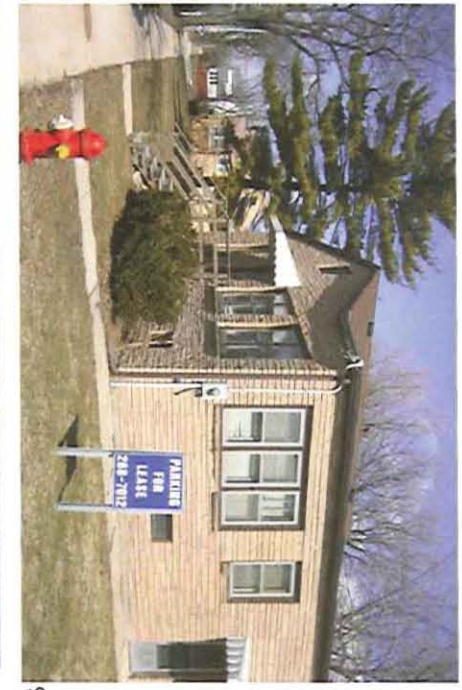
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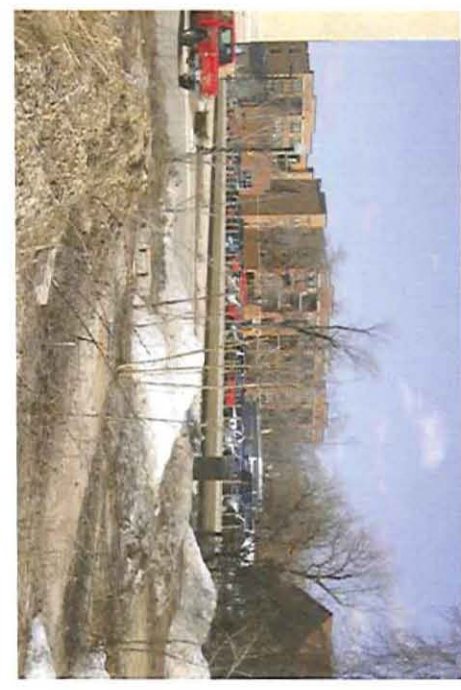
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5.



9.



2.



6.



10.



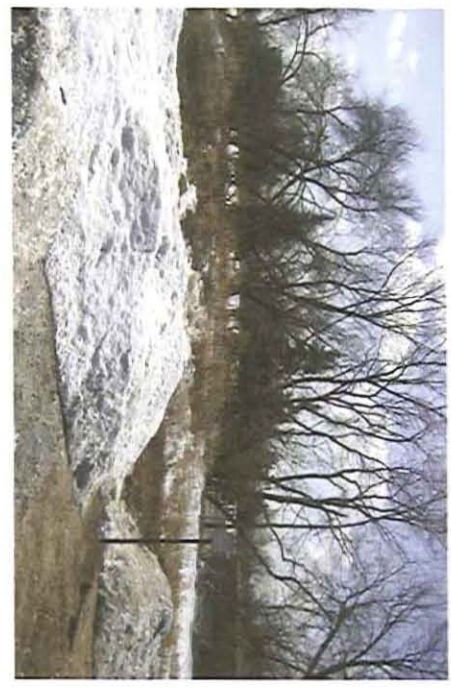
3.



7.



11.



4.



8.



URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
SUBMITTED: JULY 16, 2008 FOR:
AUGUST 4, 2008 LANDMARK COMMISSION MEETING
AUGUST 8, 2008 URBAN DESIGN COMMISSION INITIAL/FINAL APPROVAL MEETING
SEPTEMBER 15, 2008 PLAN COMMISSION MEETING
NOT FOR CONSTRUCTION

Density	ed
Quality	ms
File	080718_PC_10a

City Review Set
Site Photos

**FINDORFF YARDS OFFICE
LOFTS**

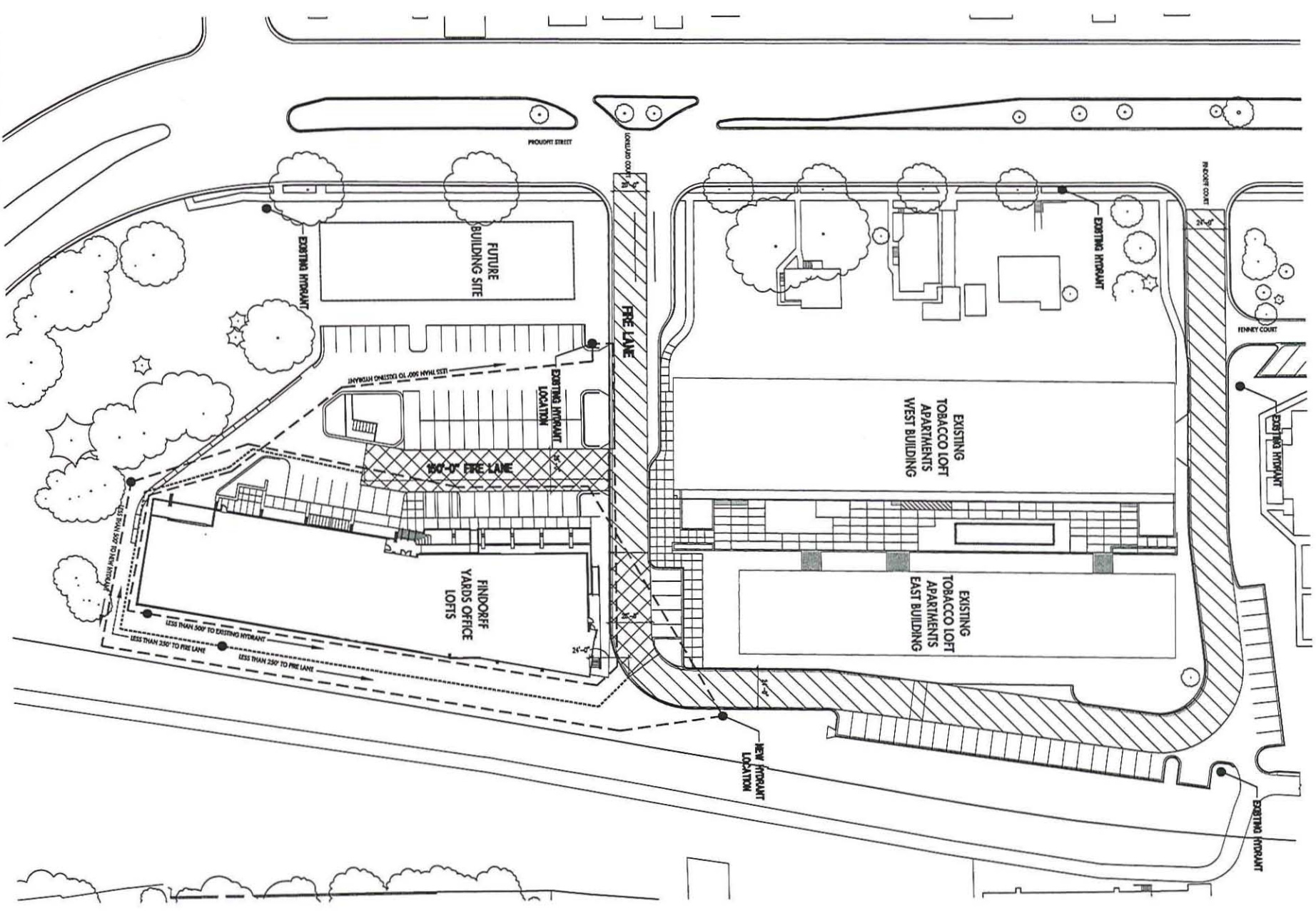
Madison, WI 53703
Urban Land Institute
777 North Dearborn Street
Suite 200
Madison, WI 53703
Project No. 081170

Worksheet:
No. Description Date

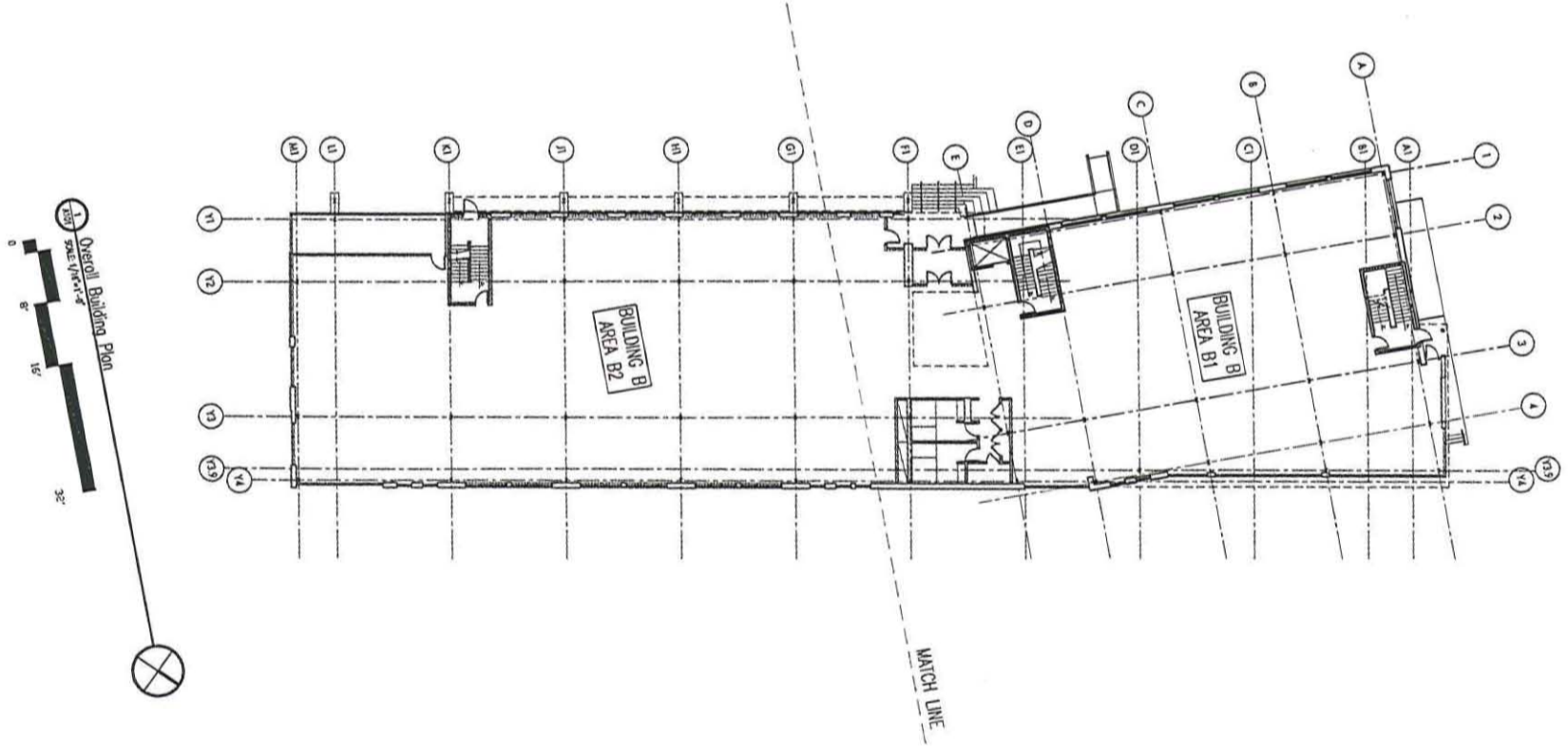
URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
SUBMITTED: JULY 29, 2008 FOR:
AUGUST 18, 2008 LANDMARK COMMISSION MEETING
AUGUST 20, 2008 URBAN DESIGN COMMISSION INITIAL/FINAL APPROVAL MEETING
SEPTEMBER 6, 2008 PLAN COMMISSION MEETING
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Drawn by: **ed**
Checked by: **ma**
Date: **08/07/08**
File: **080718_LPC_Plan**

Fire Department Access Plan



Fire Department Access Drive
Scale: 1" = 30'-0"



A101

Building B
Overall Plan

Drawn by: JMS
Checked by: JMS
Date: 1/20/08
Title: A101.dwg

URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
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 AUGUST 18, 2008 LANDMARK COMMISSION MEETING
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Drawn by: JMS
Checked by: JMS
Date: 1/20/08

Wisconsin, WI 53203
 Urban Land Institute
 165 East Duane Street
 Madison, WI 53703
 Telephone: (608) 251-1700

FINDORFF YARDS OFFICE
LOFTS

**Engberg
 Anderson**
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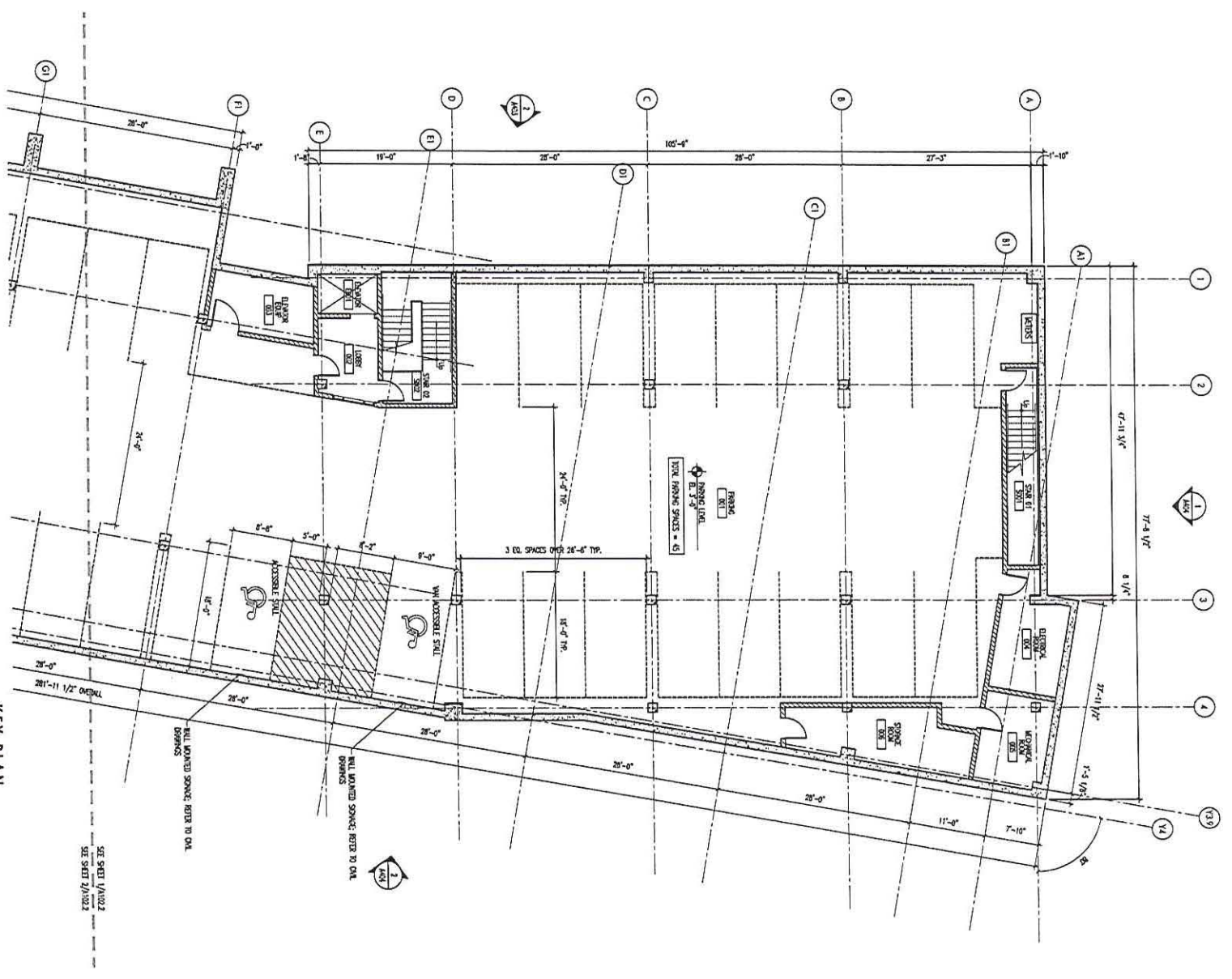
WISCONSIN, INC. 53103
Urban Land Institute
10 East Day Street
Suite 200
Madison, WI 53703
Project No. 031780

Revised	Description	Date

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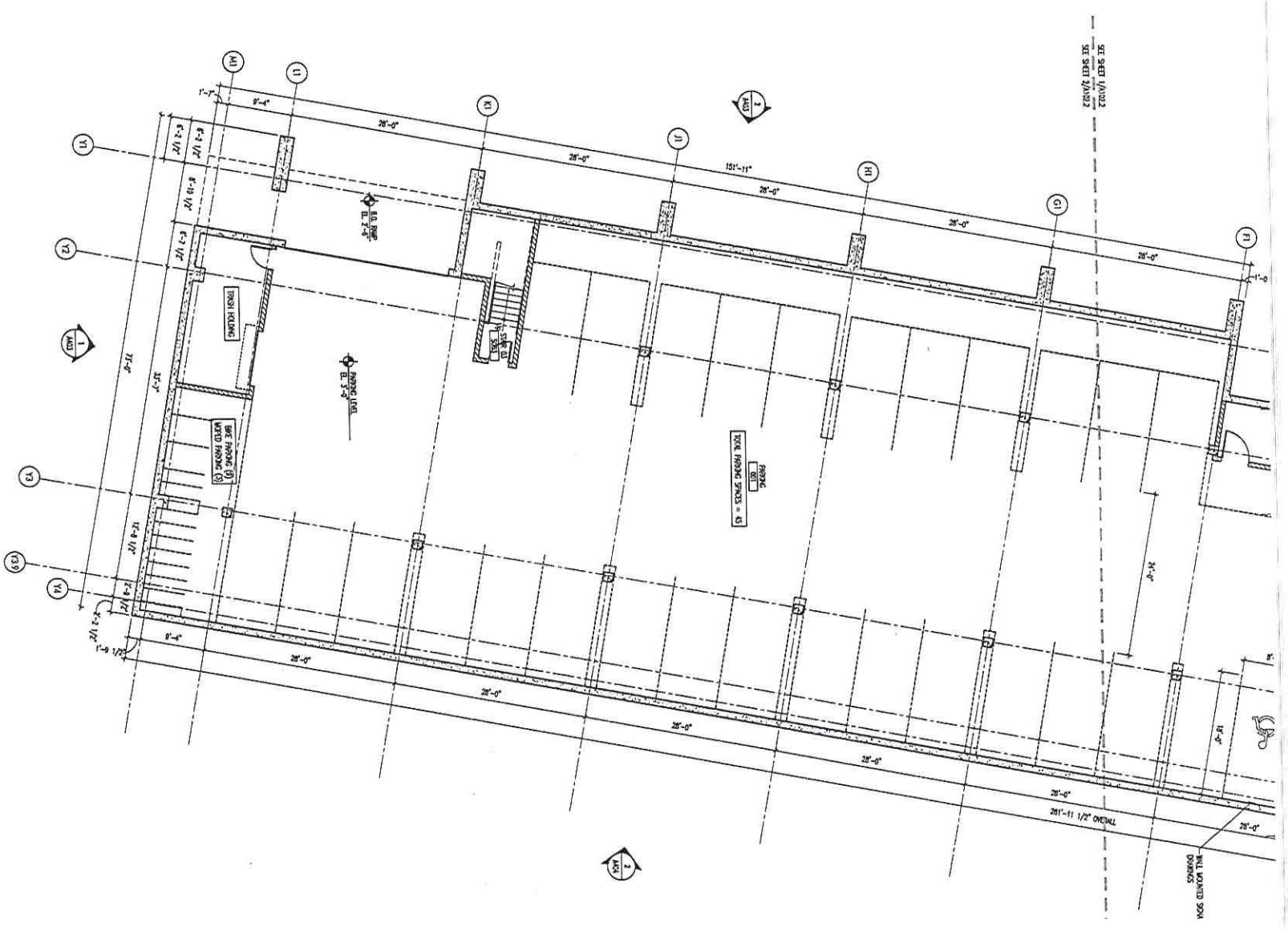
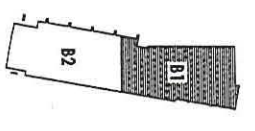
Drawn by	ms
Checked by	ms
File #	1720.A102.2.dwg

**Building B
Lower Level Plan**



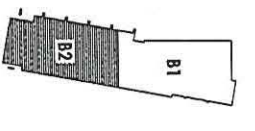
KEY PLAN

Lower Level Plan - Building B Area B1
Scale: 1/8" = 1'-0"



KEY PLAN

Lower Level Plan - Building B Area B2
Scale: 1/8" = 1'-0"

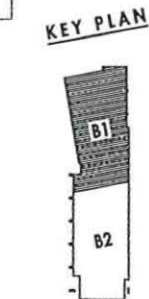
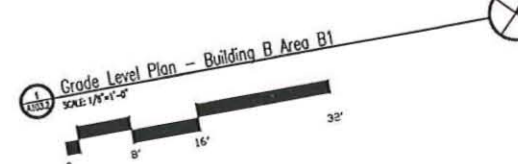
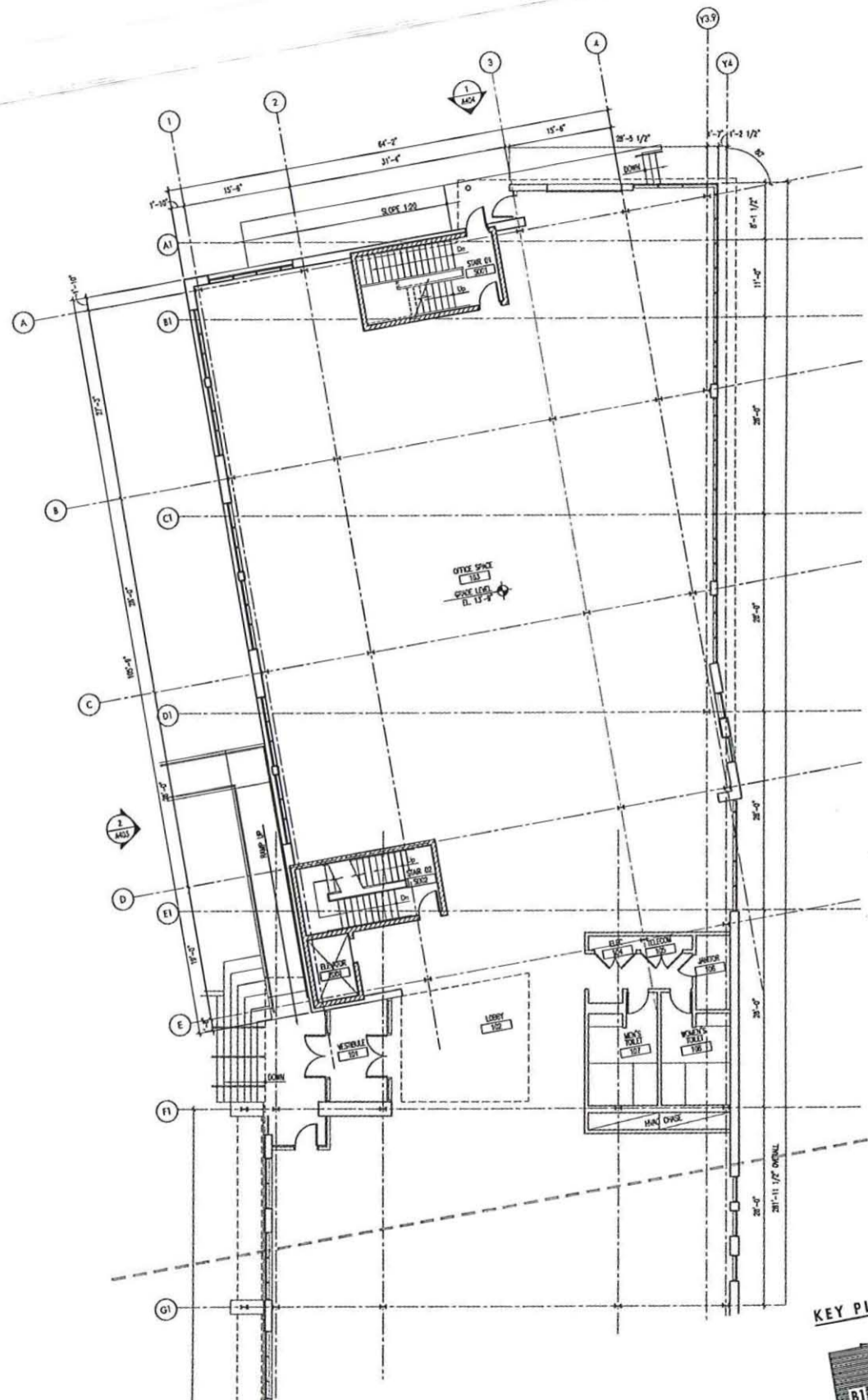


A102.2

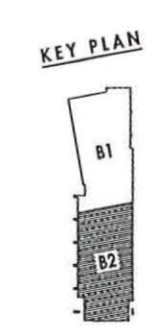
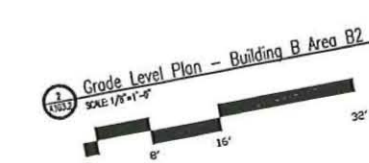
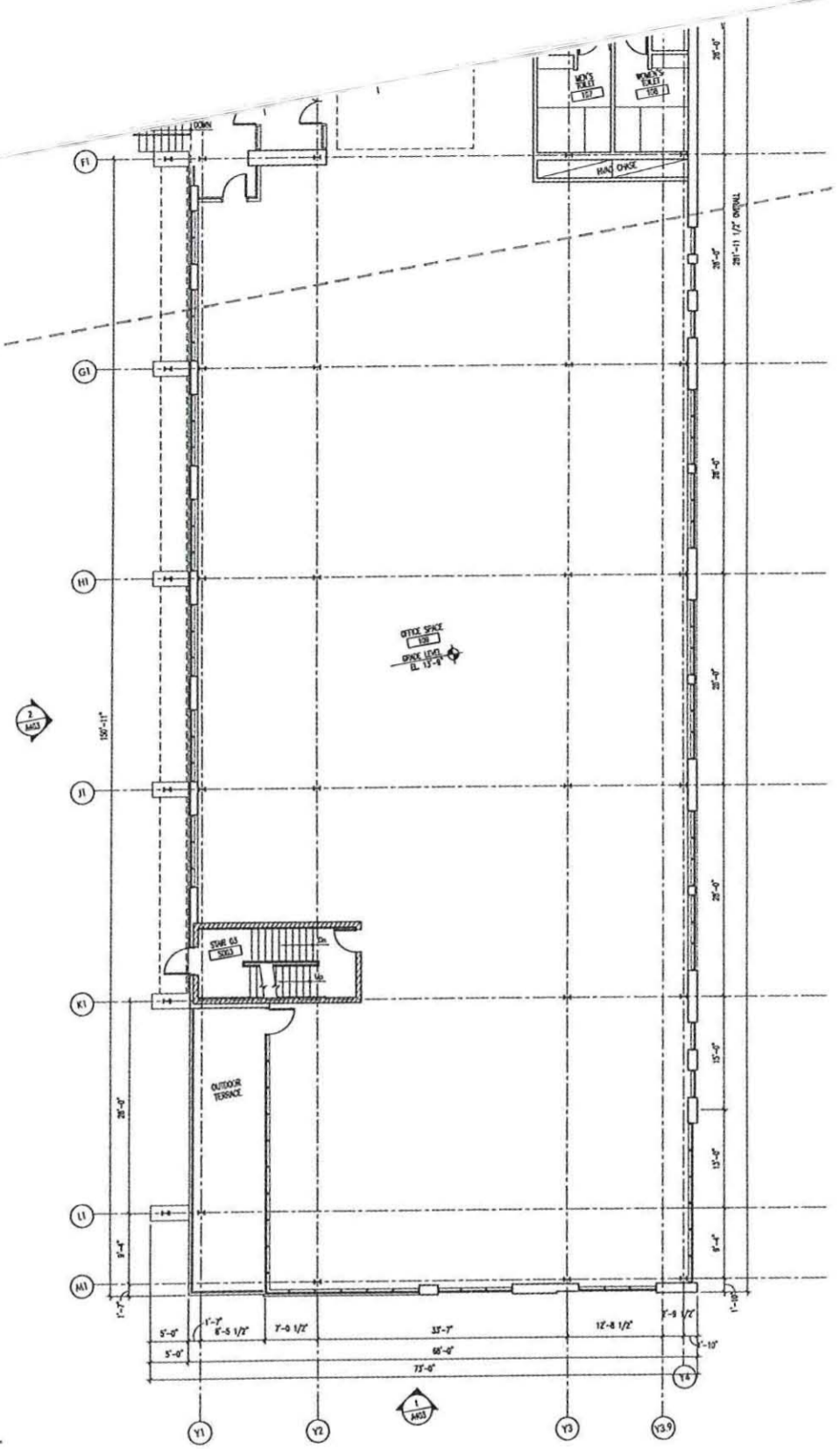
**FINDORFF YARDS OFFICE
LOFTS**

Madison, WI 53703
Urban Land Institute
10 East DuSoy Street
Suite 300
Madison, WI 53703
Project No. 081780

Issued For: _____ Date: _____
No. Description



SEE SHEET A103.1
SEE SHEET A103.2



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Drawn by: ms
 Checked by: ms
 Plotted by: 1780_A103.2.dwg

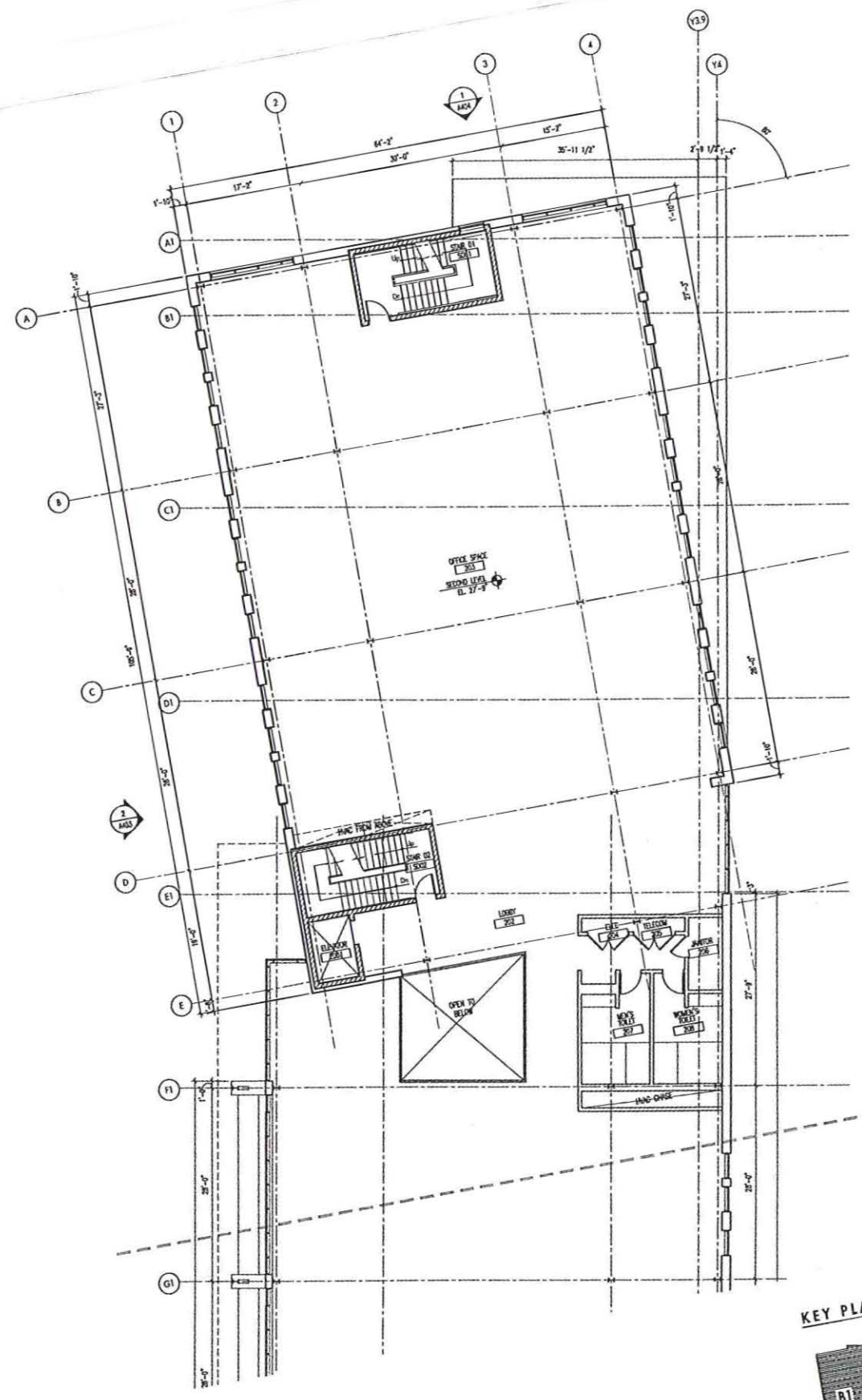
Building B
 Grade Level Plan

A103.2

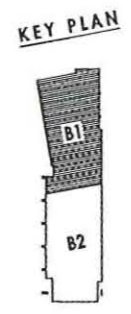
**FINDORFF YARDS OFFICE
LOFTS**

Madison, WI 53703
Urban Land Institute
10 East Day Street
Suite 200
Madison, WI 53703
Project No. 081780

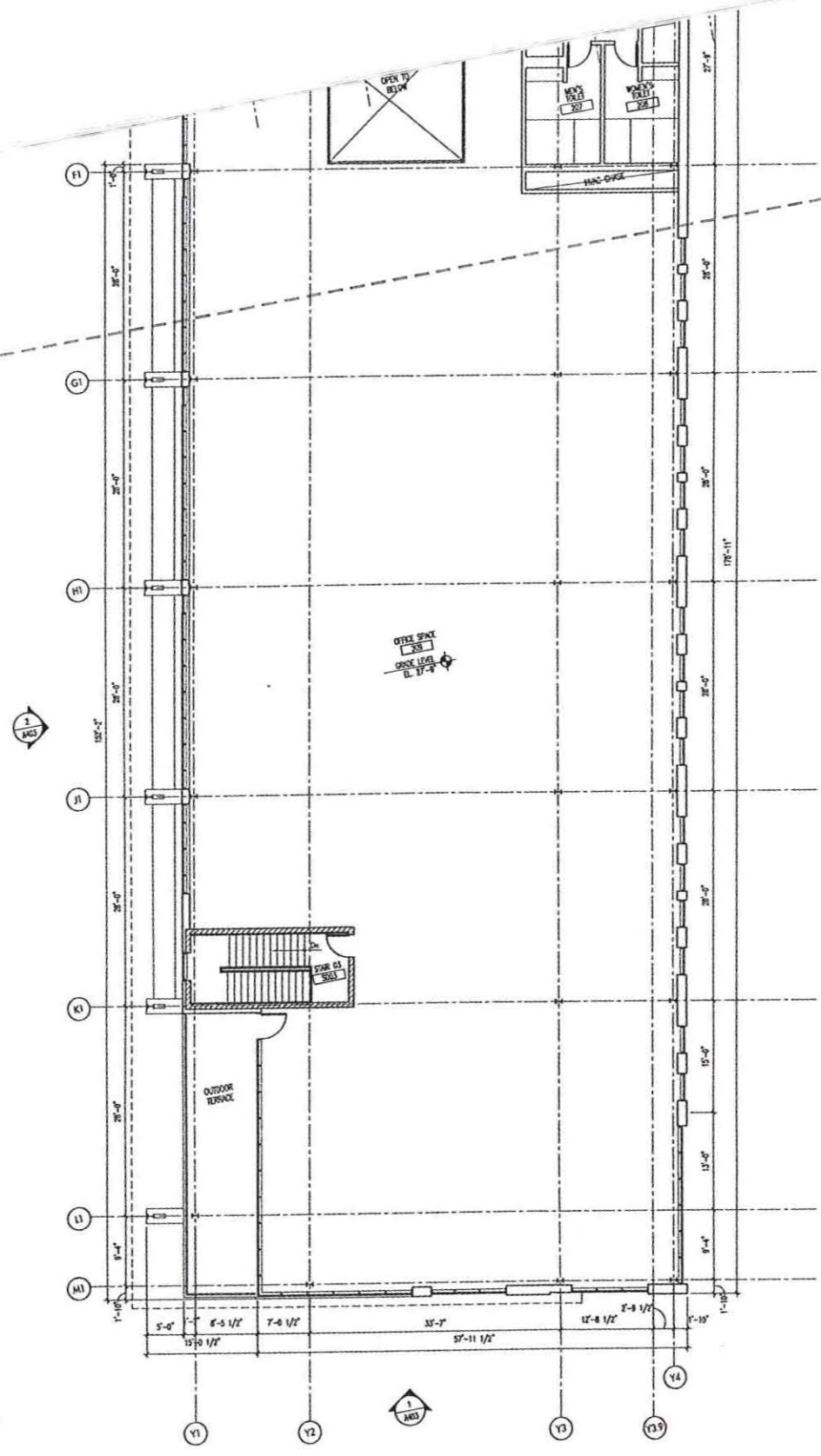
Issued For: _____ Date: _____
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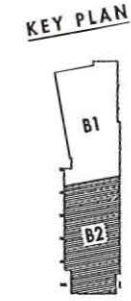
10833 Second Level Plan - Building B Area B1
SCALE 1/8"=1'-0"



SEE SHEET 1/104.2
SEE SHEET 2/104.2



10834 Second Level Plan - Building B Area B2
SCALE 1/8"=1'-0"



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Drawn by: ms
Checked by: ms
16: 1780_A104.2.dwg

Building B
Second Level Plan

A104.2

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Madison, WI 53703
Urban Land Interests
10 East Doty Street
Suite 300
Madison, WI 53703
Project No. 081780

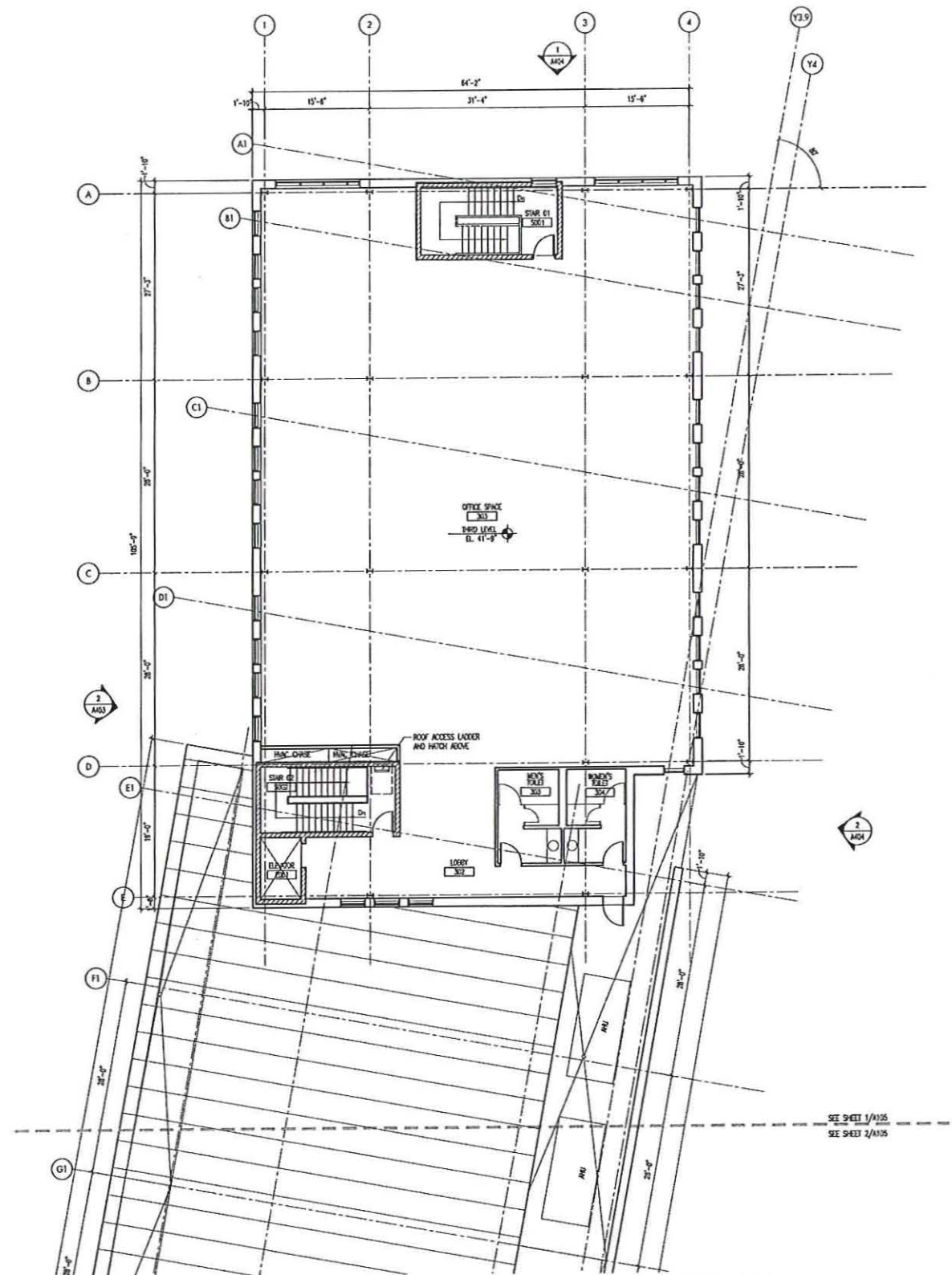
Issued For:
No. Description Date

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Drawn by: ms
Checked by: ms
File: 1780_A105.dwg

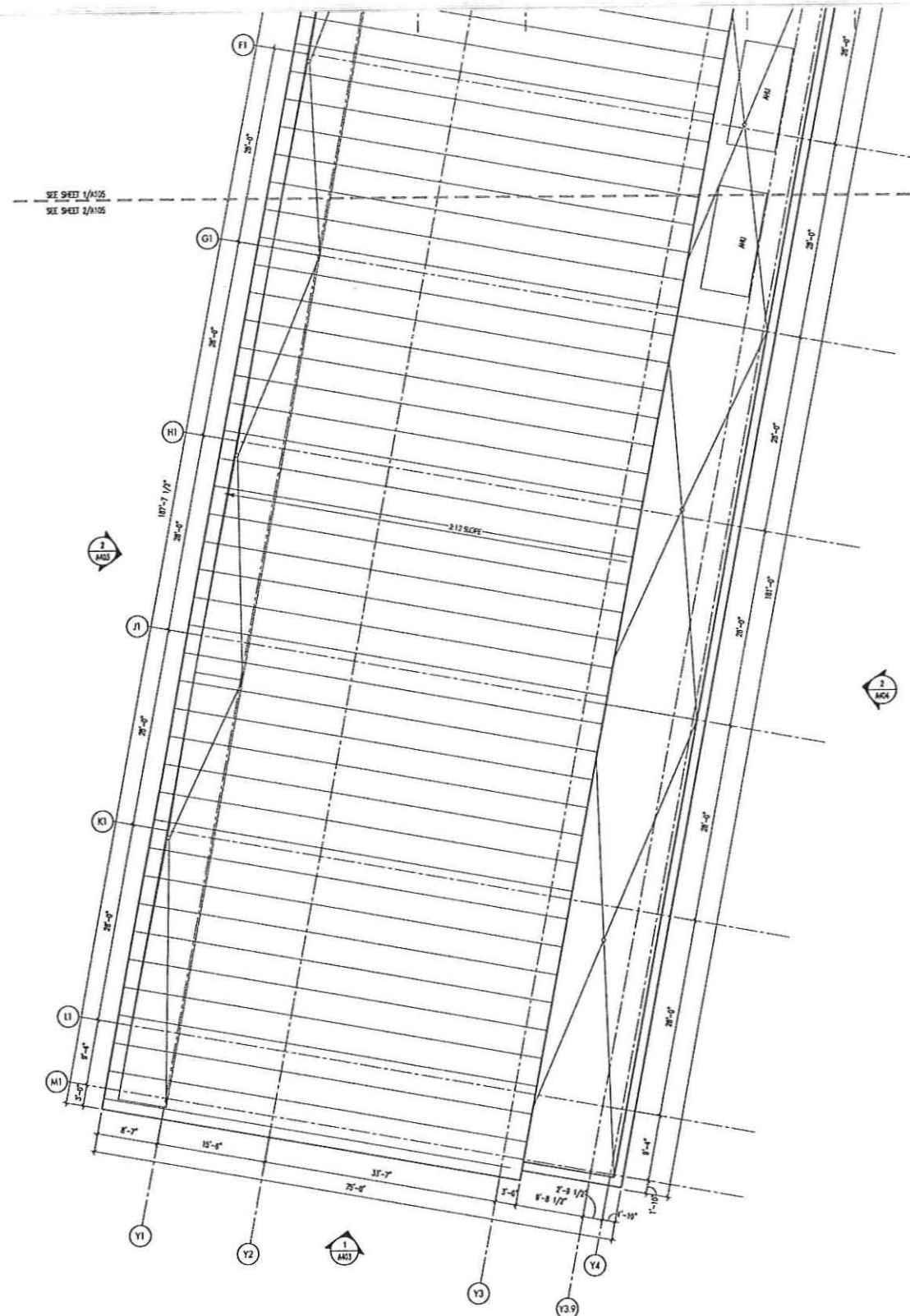
Building B
Third Level Plan

A105



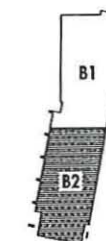
KEY PLAN

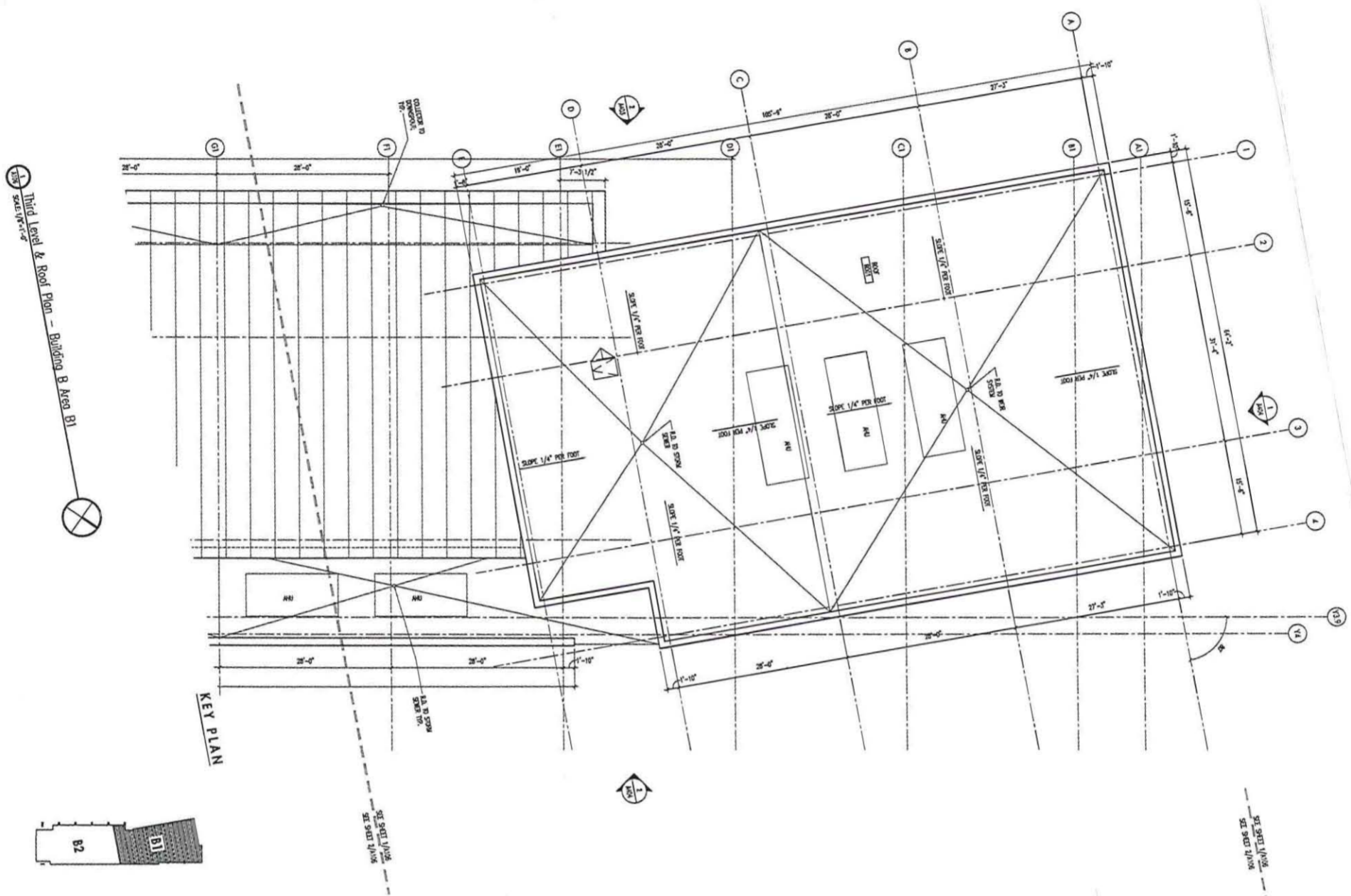
1/105 Third Level & Roof Plan - Building B Area B1
SCALE 1/8"=1'-0"



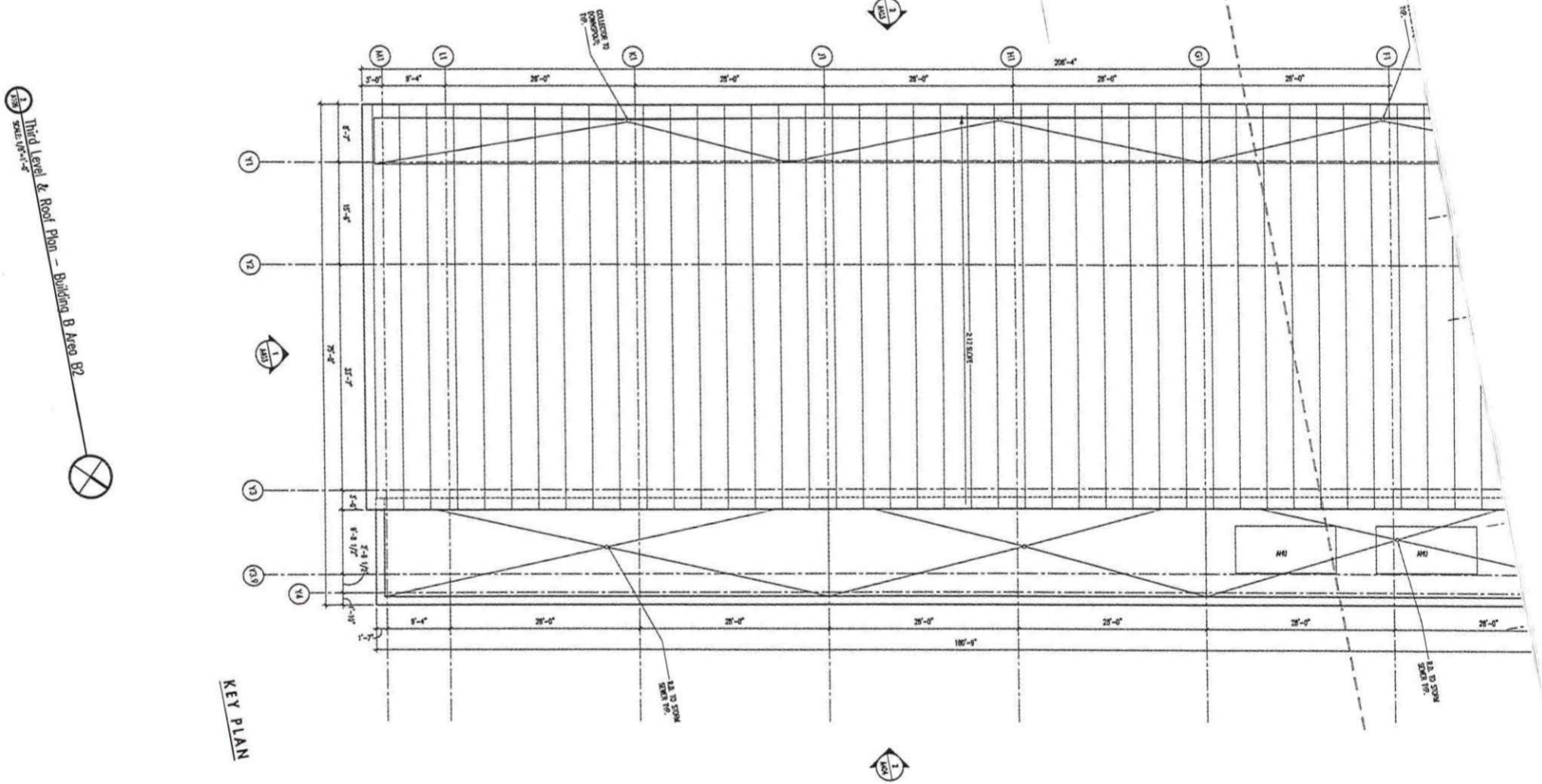
KEY PLAN

1/106 Third Level & Roof Plan - Building B Area B2
SCALE 1/8"=1'-0"

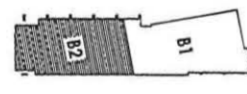




Third Level & Roof Plan - Building B Area B1



Third Level & Roof Plan - Building B Area B2



A106

Building B -
Roof Plan

DATE: 1/18/2008
DRAWN BY: [Name]
CHECKED BY: [Name]

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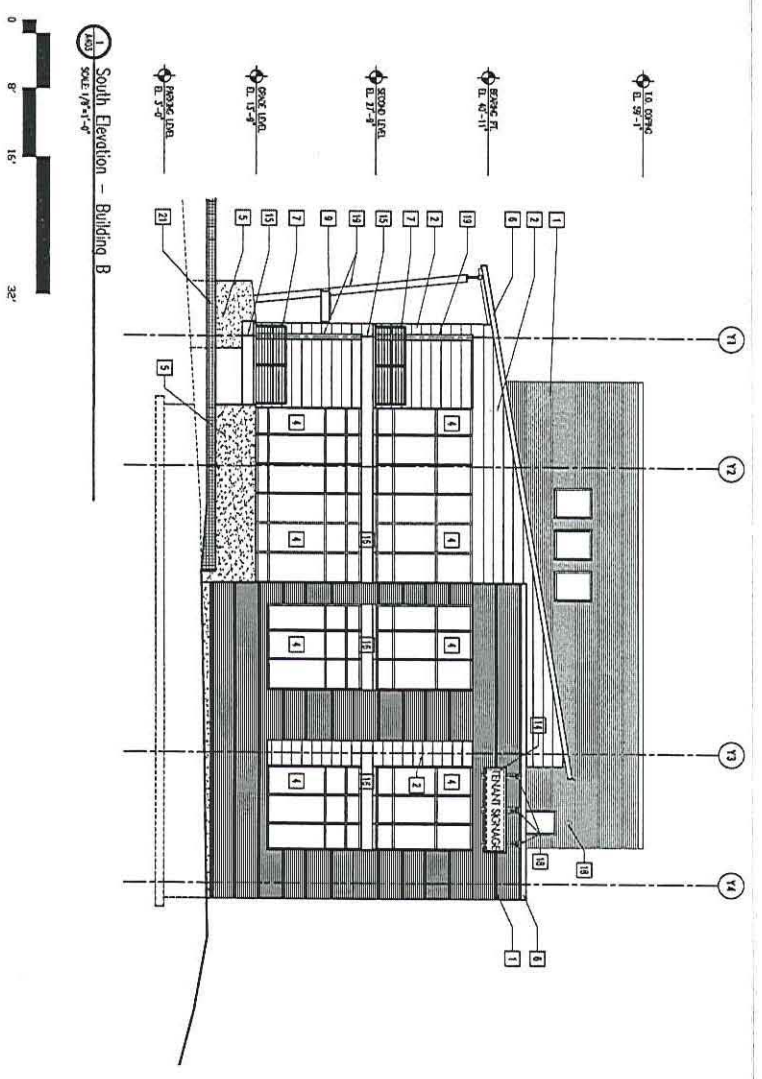
FINDORFF YARDS OFFICE
LOFTS
 WISCONSIN, WI 53103
 1000 Industrial Avenue
 Industrial District
 Suite 200
 Madison, WI 53703
 Phone: (608) 261-1193
 Fax: (608) 261-1194

**Engberg
Anderson**
 MILWAUKEE • MADISON • TUCSON

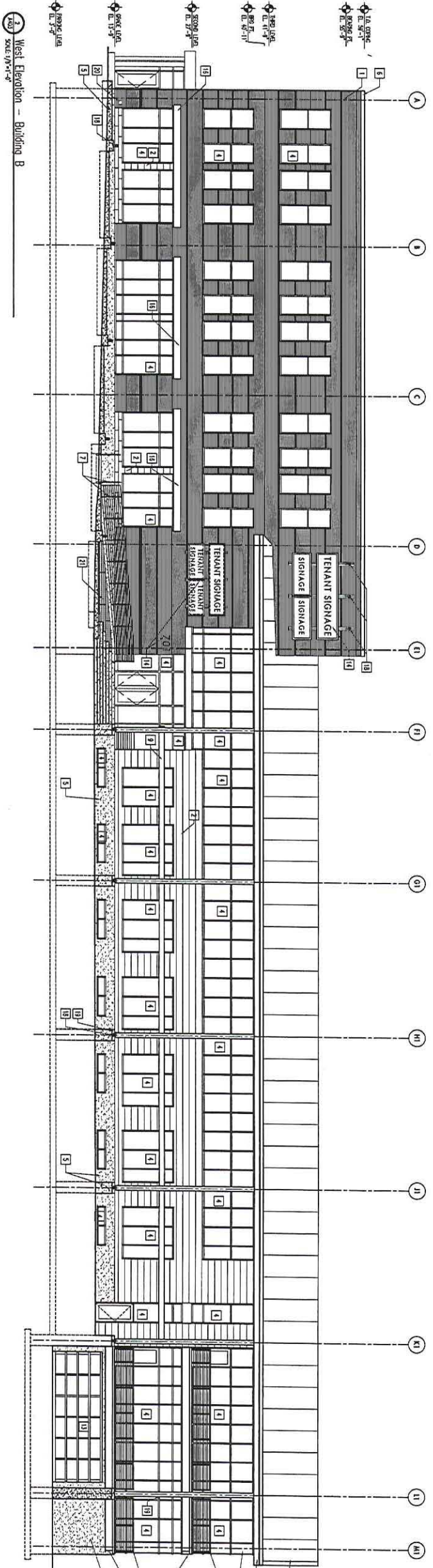
**FINDORFF YARDS OFFICE
LOFTS**

Madison, WI 53703
Urban Land Partners
1000 Broadway
Suite 300
Madison, WI 53703
Project No. 081750

Lead/For	Date
No. Description	
18 EXTERIOR LIFTING	
19 DAMAGED SEEL COLUMN	
20 SINKERS STEEL SURFERS	
21 DOOR SET WALL	

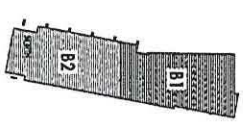


- KEYED NOTES:**
- 1 BOX OVER 1 1/2" AS SHOWN ON 7" ROOF INSULATION ON ALL EXPOSED OR 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 2 ROOF AND STAIR DAMAGED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 3 FANDED BRASS OVER TO MATCH DAMAGED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 4 1" CLEAR LITE & INSULATED GLASS WITH ALUMINUM SPOONING FINISH
 - 5 SET OVER DAMAGED
 - 6 W/ 1/2" INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 7 DAMAGED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 8 DAMAGED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 9 DAMAGED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 10 ALUMINUM LANTERNS FINISH TO MATCH WINDOW FINISHING SYSTEM
 - 11 FINISHED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 12 GLASS SECTION, OVERHEAD DOOR WITH ALUMINUM FINISH, LOOK FINISHED BY OWNER
 - 13 GLASS SECTION, OVERHEAD DOOR WITH ALUMINUM FINISH
 - 14 BALDING SIGNAGE, NOT TO MATCH DAMAGED
 - 15 PRECAST RANK ON DAMAGED STEEL STRUCTURE
 - 16 DAMAGED STEEL DOWNER LIFTING
 - 17 COLORED W/ 1/2" POLYURETHANE OR EPS INSULATION ON 1/2" EXTERIOR SLOPING ON E/W SIDE W/ 1/2" INSULATION ON VERTICAL EXPOSURES
 - 18 DAMAGED SEEL COLUMN
 - 19 SINKERS STEEL SURFERS
 - 20 DOOR SET WALL



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 NOT FOR CONSTRUCTION

KEY PLAN



**Building B
Exterior Elevations**

Drawn by: mts
 Checked by: ms
 File: 1750_A403.dwg

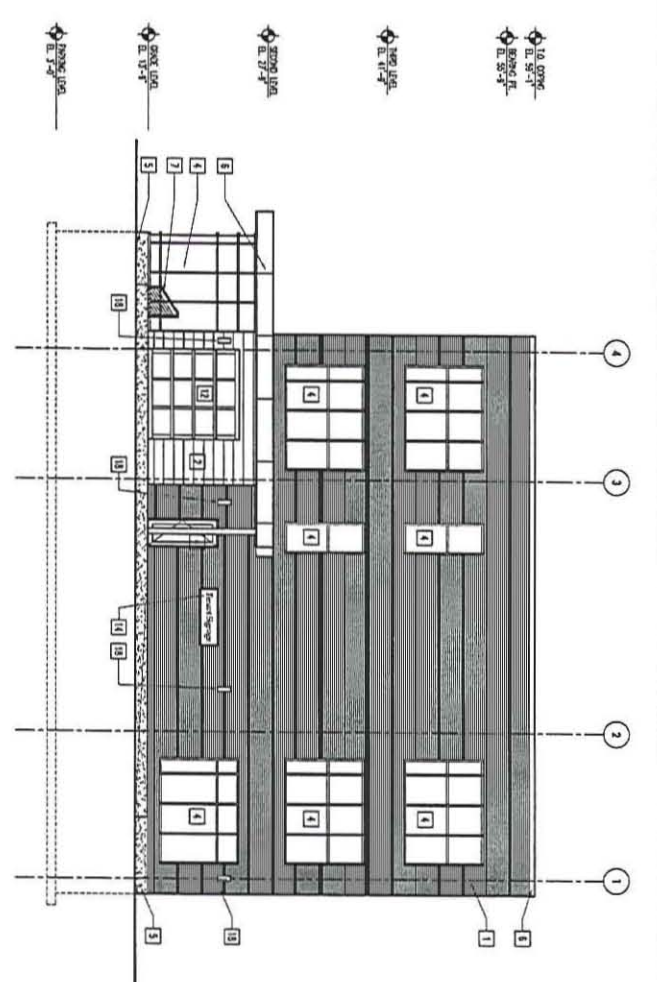
A403

**FINDORFF YARDS OFFICE
LOFTS**

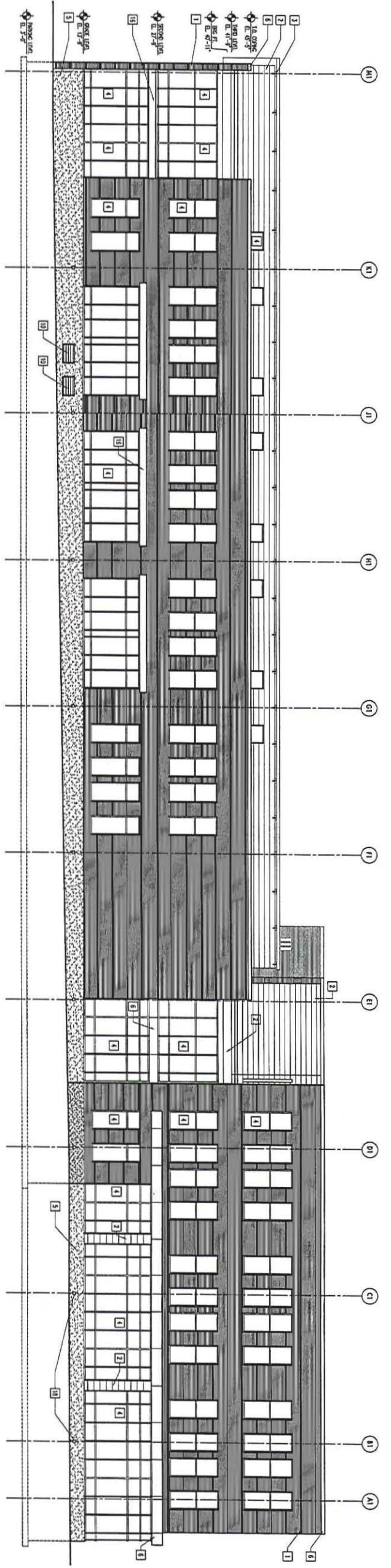
Madison, WI 53703
Urban Land Institute
10 East Day Street
Suite 200
Madison, WI 53703
Project No. 031780

Lead/for: He. Decipher Date:

- KEYED NOTES:**
- 1 BOX OVER 1 1/2" AIR SPACE OR 2" RIBS NOTATION ON AIR SPACES ON IN EXTERIOR WALLS ON FLOOR SLAB W/ 2" RIBS NOTATION ON ROOF DECKS
 - 2 ROOF AND SLOPE DAMAGED MET. PANEL ON ROOF FROM FINISH ON (I) LAYERS OF 2" FLOORING W/ 1/2" EXTERIOR GYPSUM BOARD ON 2" FLOORING W/ MET. STUDS W/ 2" RIBS NOTATION ON WOOD DECKS
 - 3 FINISH TRUSS DOORS TO MATCH DAMAGED MET. EXTERIOR FRAME
 - 4 1" SQUARE 4-ROUNDED GUSSET WITH ALUMINUM EXTERIOR FINISH
 - 5 SET CAST CONCRETE
 - 6 MET. LINDA, BRP, DIRT, OR CONCRETE TO MATCH ROOF AND SLOPE
 - 7 DAMAGED ROOF PANELS AND EXTERIOR GYPSUM BOARD FINISH DAMAGED 1/2" G.C. INTERIOR
 - 8 DAMAGED MET. WINDOW
 - 9 DAMAGED WINDOW - DAMAGED STEEL FRAME WITH ALUMINUM LAYERS, FINISH TO MATCH WINDOW FINISHING SYSTEM
 - 10 FINISH MILLING MET. ROOF AND FRAME
 - 11 GUSSET SECTION, DAMAGED DOOR WITH ALUMINUM FINISH, ROOF PROVIDED BY OWNER
 - 12 GUSSET SECTION, DAMAGED DOOR WITH ALUMINUM FINISH
 - 13 BUILDING SOURCE, REFER TO FINISH DRAWINGS
 - 14 FINISH FRAME ON DAMAGED STEEL STRUCTURE
 - 15 DAMAGED STEEL CORNER LANT
 - 16 COLORED MORTAR
 - 17 EXTERIOR LOGGING
 - 18 DAMAGED STEEL COLUMN
 - 19 SINKLESS STEEL SQUARE
 - 20 OPEN STEEL WALL

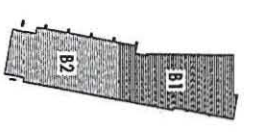


North Elevation - Building A
SCALE: 1/8"=1'-0"
0 8' 16' 32'



East Elevation - Building A
SCALE: 1/8"=1'-0"

KEY PLAN
0 8' 16' 32'



**Building B
Exterior Elevations**

Drawn by: MRS
Checked by: MRS
Date: 1/28/2004/4/9

URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
SUBMITTED: JULY 29, 2008 FOR:
AUGUST 18, 2008 LANDMARK COMMISSION MEETING
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A404

FINDORFF YARDS OFFICE
LOFTS

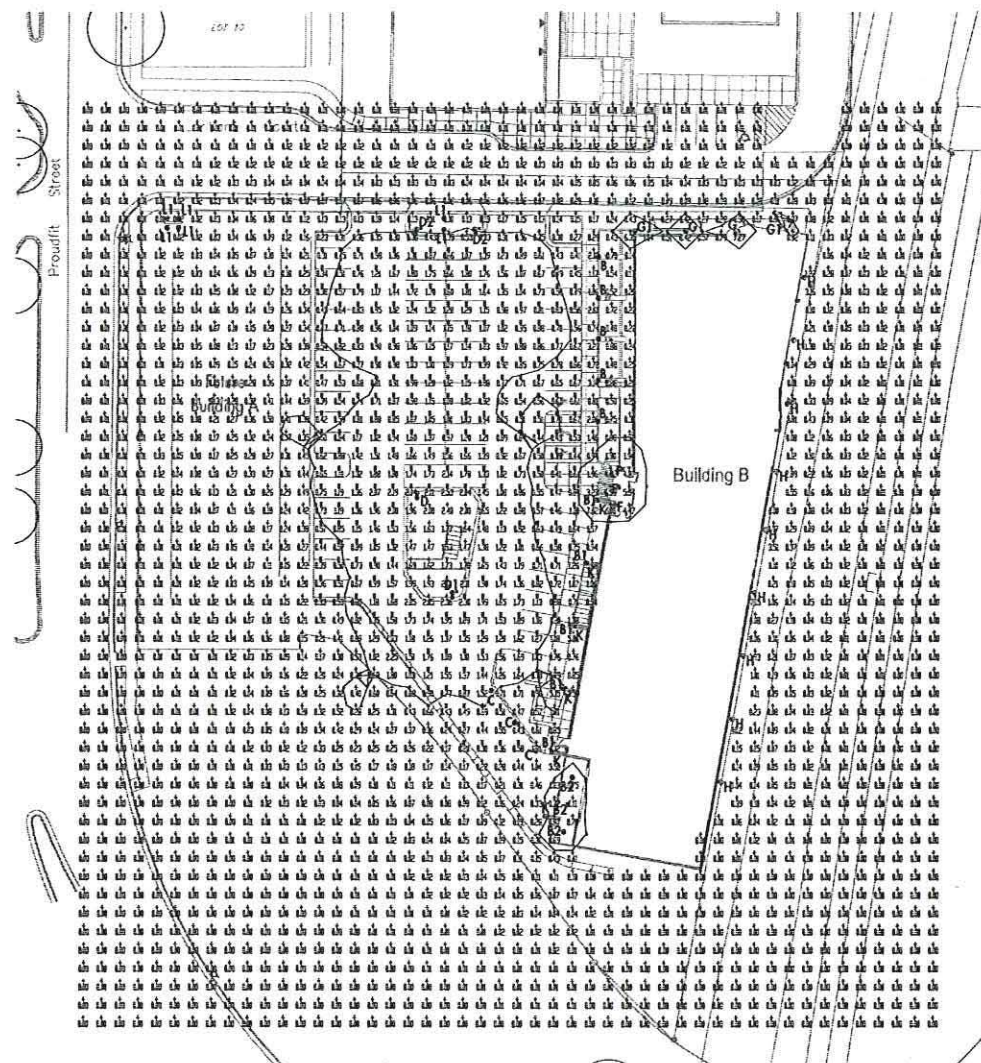
Madison, WI 53703
Urban Land Interests
10 East Dwyer Street
Suite 300
Madison, WI 53703
Project No. 081783

Issued For:
No. Description Date

URBAN DESIGN COMMISSION/ LANDMARK COMMISSION/ PLAN COMMISSION SUBMITTAL
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Drawn by: ed
Checked by: ms
File: 080716_PC Fire

Site Photometrics



1 Site Photometrics
SCALE 1" = 30'-0"

CONTINUED: SEE FC AT 4' X 6'		CALCULATION SUMMARY	
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Site Area	1.2	2.2	0.2

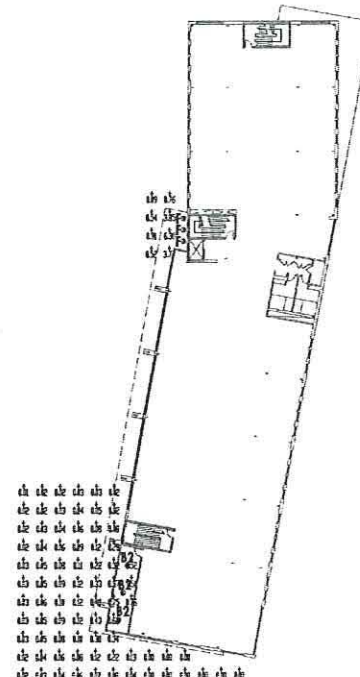
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III	Lowere 202-507425-12-WL	55	110	27	1.5	1
IV	Lowere 202-507425-12-WL	55	110	27	1.5	1
V	Lowere 202-507425-12-WL	55	110	27	1.5	1
VI	Lowere 202-507425-12-WL	55	110	27	1.5	1
VII	Lowere 202-507425-12-WL	55	110	27	1.5	1
VIII	Lowere 202-507425-12-WL	55	110	27	1.5	1
IX	Lowere 202-507425-12-WL	55	110	27	1.5	1
X	Lowere 202-507425-12-WL	55	110	27	1.5	1
XI	Lowere 202-507425-12-WL	55	110	27	1.5	1
XII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XIII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XIV	Lowere 202-507425-12-WL	55	110	27	1.5	1
XV	Lowere 202-507425-12-WL	55	110	27	1.5	1
XVI	Lowere 202-507425-12-WL	55	110	27	1.5	1
XVII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XVIII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XIX	Lowere 202-507425-12-WL	55	110	27	1.5	1
XX	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXI	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXIII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXIV	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXV	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXVI	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXVII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXVIII	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXIX	Lowere 202-507425-12-WL	55	110	27	1.5	1
XXX	Lowere 202-507425-12-WL	55	110	27	1.5	1

2 Exterior Light Fixture Schedule
SCALE: NS

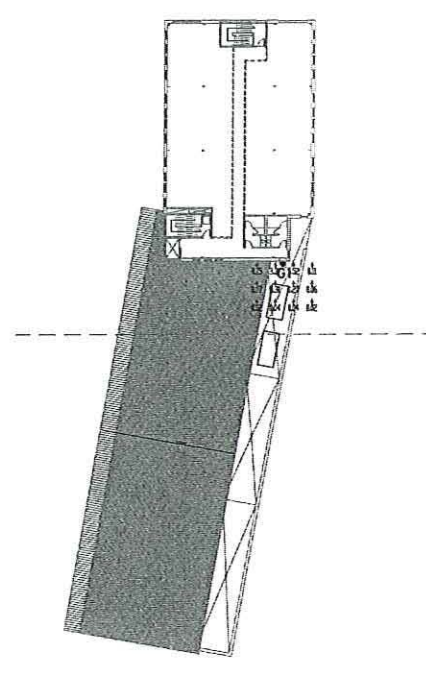
CONTINUED: SEE FC AT 4' X 6'		CALCULATION SUMMARY	
AREA NAME	AVG	MAX	MIN
South Elevation Sign	5.7	11.4	2.8
West Elevation Sign	5.7	11.4	2.8
Parking Lot Entry	5.7	11.4	2.8
Lotfield Ct Entry	5.7	11.4	2.8

TYPE	DESCRIPTION	AVG	MAX	MIN	ILLUM	TYPE
I	Lowere 202-507425-12-WL	55	110	27	1.5	1
II	Lowere 202-507425-12-WL	55	110	27	1.5	1

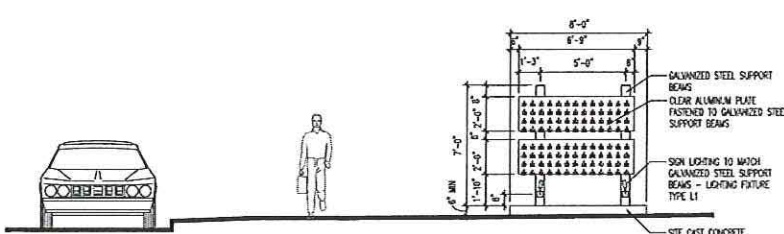
3 Exterior Signage Light Fixture Schedule
SCALE: NS



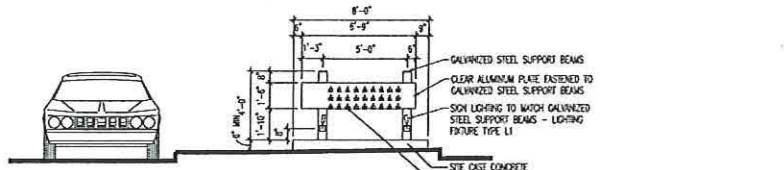
2 Second Floor Photometrics
SCALE 1" = 30'-0"



3 Third Floor Photometrics
SCALE 1" = 30'-0"

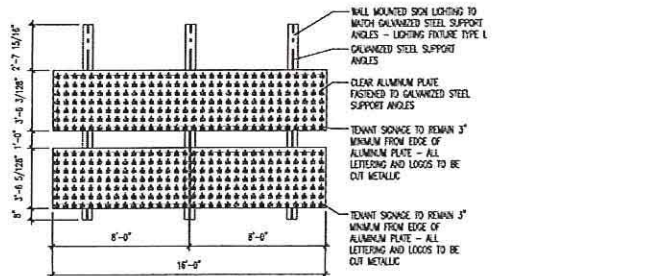


1) SEE SITE PLAN IN DRAWING SET FOR LOCATION
2) LETTERING TO BE CUT METALLIC ON CLEAR ALUMINUM PLATE
3) LETTERING AND LOGOS TO REMAIN MINIMUM 2" FROM EDGE OF ALUMINUM PLATE
4) MAXIMUM ALLOWED AREA FOR SIGNAGE AT THIS LOCATION TO BE 4'-0" x 6'-0"

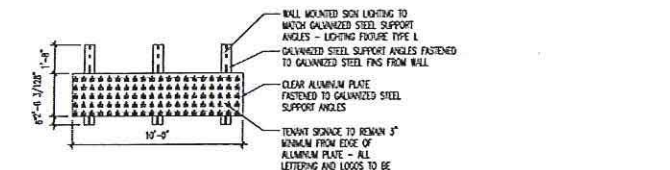


1) SEE SITE PLAN IN DRAWING SET FOR LOCATION
2) LETTERING TO BE CUT METALLIC ON CLEAR ALUMINUM PLATE
3) LETTERING AND LOGOS TO REMAIN MINIMUM 2" FROM EDGE OF ALUMINUM PLATE
4) MAXIMUM ALLOWED AREA FOR SIGNAGE AT THIS LOCATION TO BE 1'-0" x 6'-0"

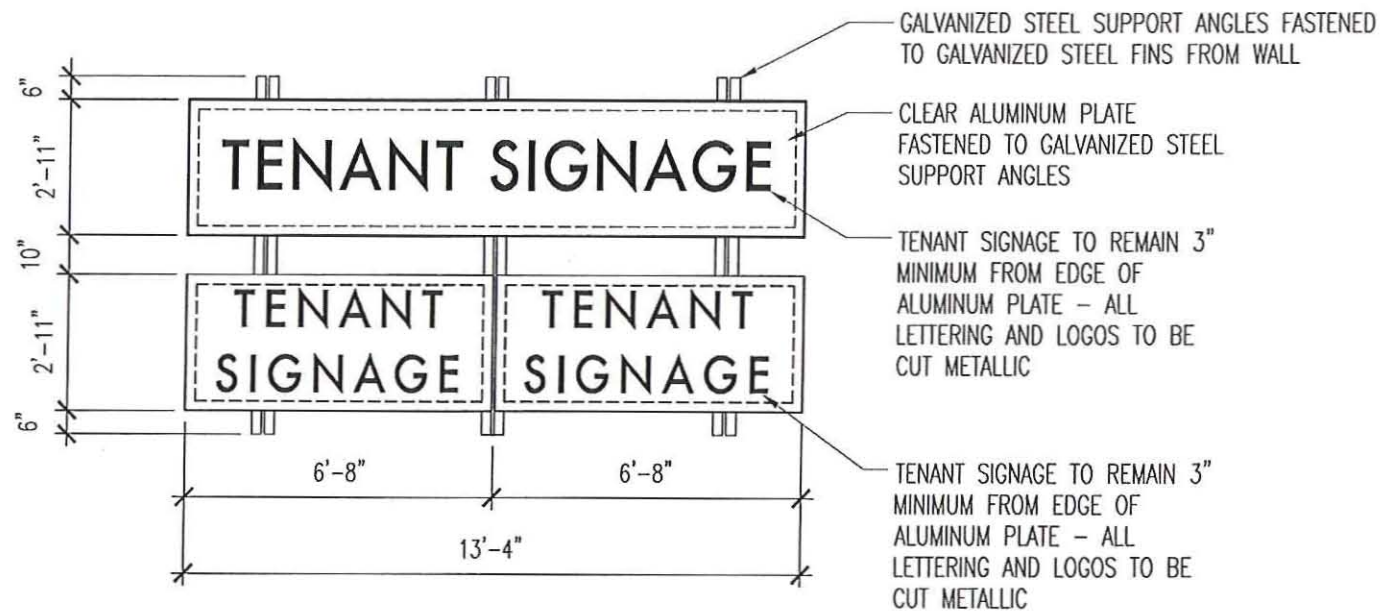
3 Exterior Signage Lighting
SCALE 1/4" = 1'-0"



1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION
2) MAXIMUM ALLOWED AREA FOR TENNIS(S) SIGNAGE AT THIS LOCATION TO BE 8'-0" x 16'-0"



1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION
2) MAXIMUM ALLOWED AREA FOR TENNIS(S) SIGNAGE AT THIS LOCATION TO BE 2'-0" x 16'-0"



SIGNAGE NOTES FOR LOWER SIGN ON WEST ELEVATION:

- 1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION
- 2) MAXIMUM ALLOWED AREA FOR TENANT(S) SIGNAGE AT THIS LOCATION TO BE 6'-8" x 13'-4"

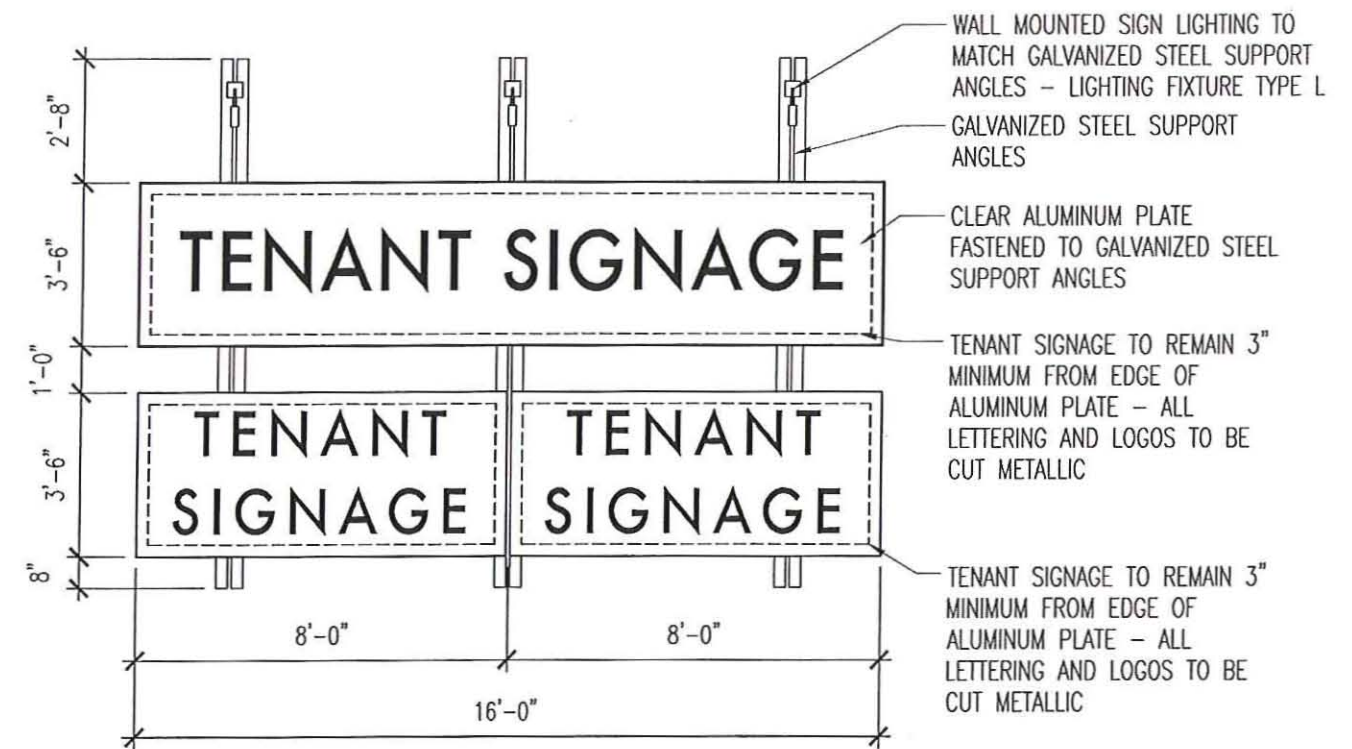


SIGNAGE NOTES FOR ADDRESS AND SMALL TENANT SIGN AT MAIN ENTRY:

- 1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION

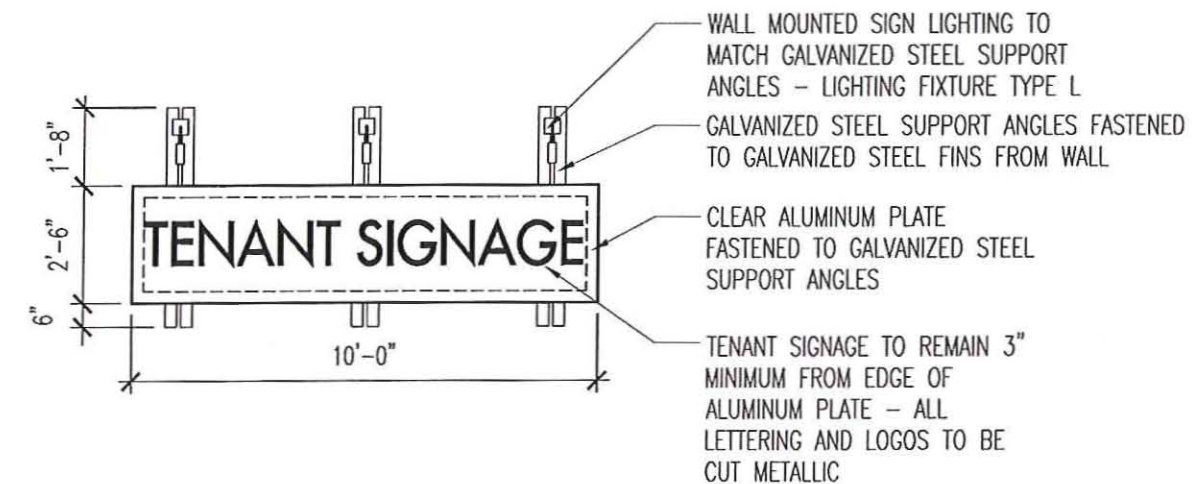
SIGNAGE NOTES FOR TENANT SIGN AT NORTH ENTRY:

- 1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION
- 2) TENANT SIGN TO BE CUT METALLIC LETTERING ON CLEAR ALUMINUM PLATE
- 3) LETTERING AND LOGO ON TENANT SIGNS TO REMAIN MINIMUM 2" FROM EDGE OF ALUMINUM PLATE



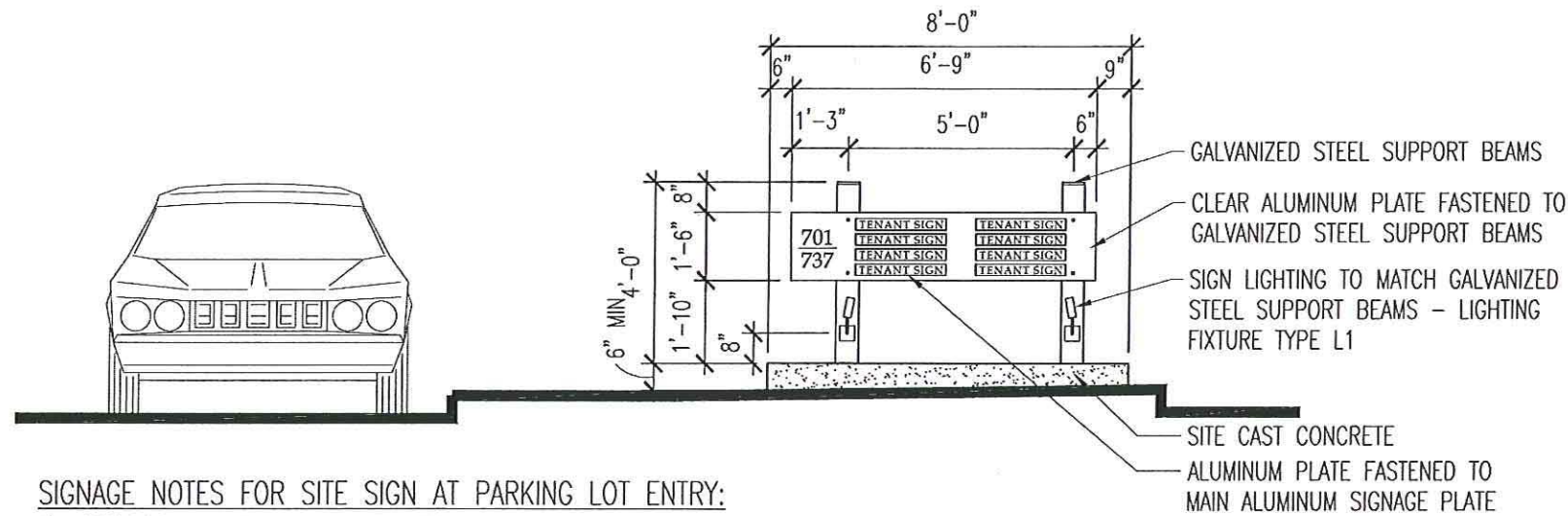
SIGNAGE NOTES FOR UPPER SIGN ON WEST ELEVATION:

- 1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION
- 2) MAXIMUM ALLOWED AREA FOR TENANT(S) SIGNAGE AT THIS LOCATION TO BE 8'-0" x 16'-0"



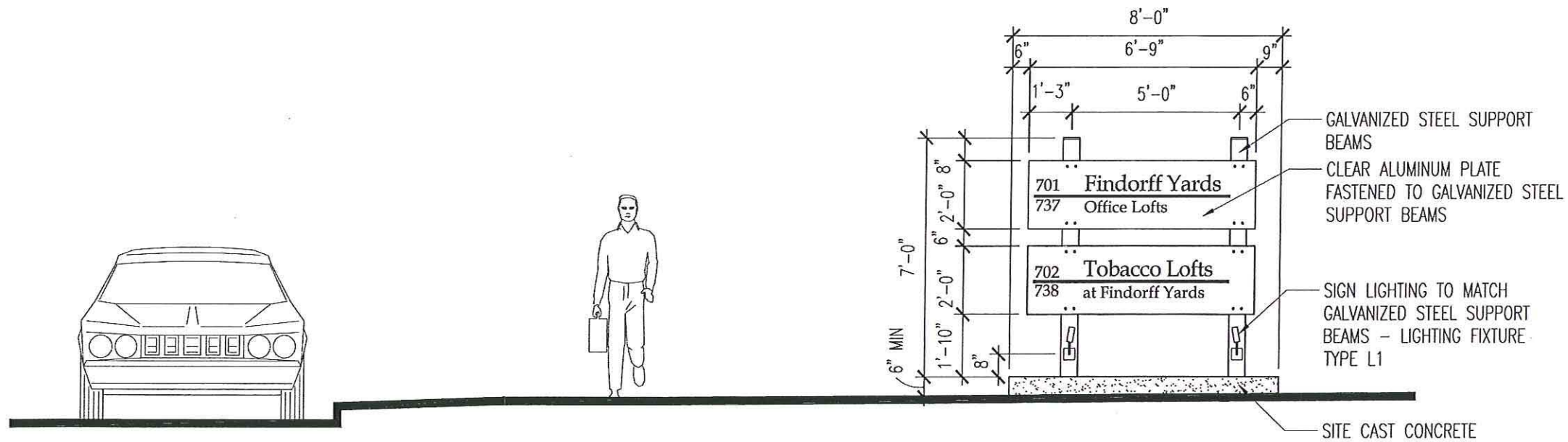
SIGNAGE NOTES FOR SIGN ON SOUTH ELEVATION:

- 1) SEE BUILDING ELEVATIONS IN DRAWING SET FOR LOCATION
- 2) MAXIMUM ALLOWED AREA FOR TENANT(S) SIGNAGE AT THIS LOCATION TO BE 2'-6" x 10'-0"



SIGNAGE NOTES FOR SITE SIGN AT PARKING LOT ENTRY:

- 1) SEE SITE PLAN IN DRAWING SET FOR LOCATION
- 2) LETTERING TO BE CUT METALLIC ON CLEAR ALUMINUM PLATE
- 3) LETTERING AND LOGOS TO REMAIN MINIMUM 2" FROM EDGE OF ALUMINUM PLATE
- 4) MAXIMUM ALLOWED AREA FOR SIGNAGE AT THIS LOCATION TO BE 1'-6" x 6'-9"



SIGNAGE NOTES FOR SITE SIGN AT LORILLARD CT. ENTRY:

- 1) SEE SITE PLAN IN DRAWING SET FOR LOCATION
- 2) LETTERING TO BE CUT METALLIC ON CLEAR ALUMINUM PLATE
- 3) LETTERING AND LOGOS TO REMAIN MINIMUM 2" FROM EDGE OF ALUMINUM PLATE
- 4) MAXIMUM ALLOWED AREA FOR SIGNAGE AT THIS LOCATION TO BE 4'-6" x 6'-9"



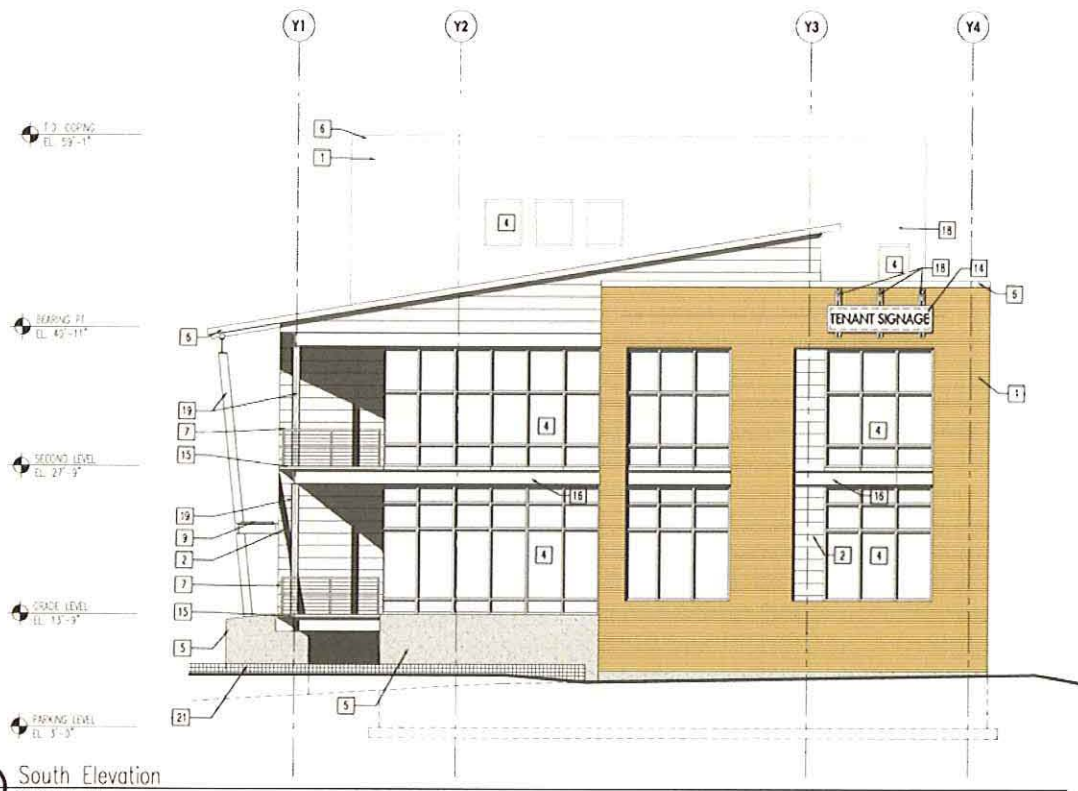
CITY REVIEW SET - FINDORFF YARDS OFFICE LOFTS

Project Signage

Scale: 1/4" = 1'-0"

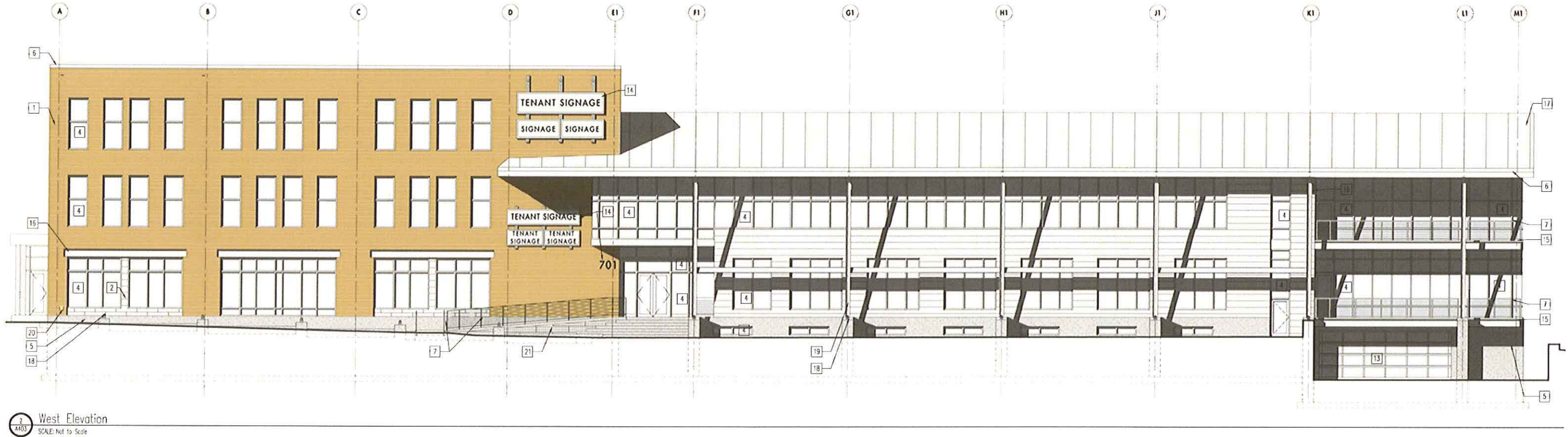
City Submittal: Submitted July 29, 2008

Engberg Anderson Project No. 081780



KEYED NOTES:

- 1 BRICK OVER 1 1/2" AIR SPACE ON 2" RIGID INSULATION ON AIR BARRIER ON 3/4" EXTERIOR SHEATHING ON 6" METAL STUD W/ BATT INSULATION ON VAPOR RETARDER
- 2 HOOK AND STRAP GALVANIZED METAL PANEL ON RED ROSIN PAPER ON (2) LAYERS OF 30# ROOFING FELT ON 3/4" EXTERIOR GRADE PLYWOOD ON 2" Z-FLOORING W/ RIGID INSULATION ON 3/4" EXTERIOR SHEATHING ON 6" METAL STUDS WITH BATT INSULATION ON VAPOR RETARDER
- 3 PAINTED TRUSS CHORD TO MATCH GALVANIZED MTL.
- 4 1" CLEAR LOW-E INSULATED GLASS WITHIN ALUMINUM STOREFRONT FRAMING
- 5 SITE CAST CONCRETE
- 6 METAL FASCIA, Drip EDGE, OR COPING TO MATCH HOOK AND STRAP METAL PANEL
- 7 GALVANIZED METAL RAILING WITH HORIZONTAL STAINLESS STEEL CABLE GUARDS SPACED 4" O.C. VERTICALLY
- 8 GALVANIZED METAL HANDRAIL
- 9 HORIZONTAL SUNSHADE - GALVANIZED STEEL FRAME WITH GALVANIZED BAR GRATE INFILL
- 10 ALUMINUM LOUVER, FINISH TO MATCH WINDOW FRAMING SYSTEM
- 11 PAINTED HOLLOW METAL DOOR AND FRAME
- 12 GLASS SECTIONAL OVER-HEAD DOOR WITH ALUMINUM FRAME; DOOR PROVIDED BY OWNER
- 13 GLASS SECTIONAL OVER-HEAD DOOR WITH ALUMINUM FRAME
- 14 BUILDING SIGNAGE, REFER TO ATTACHED DRAWINGS
- 15 PRECAST PLANK ON GALVANIZED STEEL STRUCTURE
- 16 GALVANIZED STEEL CHANNEL LINTEL
- 17 COLORED MEMBRANE
- 18 EXTERIOR LIGHTING
- 19 GALVANIZED STEEL COLUMN
- 20 STAINLESS STEEL SCUPPER
- 21 GABION SITE WALL



CITY REVIEW SET - FINDORFF YARDS OFFICE LOFTS

Exterior Elevations
 Scale: Not to Scale
 UDC Submittal: Submitted July 16, 2008 for August 6, 2008 Meeting
 Engberg Anderson Project No. 081780



KEYED NOTES:

- 1 BRICK OVER 1 1/2" AIR SPACE ON 2" RIGID INSULATION ON AIR BARRIER ON 3/4" EXTERIOR SHEATHING ON 6" METAL STUD w/ BATT INSULATION ON VAPOR RETARDER
- 2 HOOK AND STRAP GALVANIZED METAL PANEL ON RED ROSIN PAPER ON (2) LAYERS OF 30# ROOFING FELT ON 3/4" EXTERIOR GRADE PLYWOOD ON 2" Z-FLOORING w/ RIGID INSULATION ON 3/4" EXTERIOR SHEATHING ON 6" METAL STUDS WITH BATT INSULATION ON VAPOR RETARDER
- 3 PAINTED TRUSS CHORD TO MATCH GALVANIZED MET.
- 4 1" CLEAR LOW-E INSULATED GLASS WITH ALUMINUM STOREFRONT FRAMING
- 5 SITE CAST CONCRETE
- 6 METAL FASCIA, DROP EDGE, OR COPING TO MATCH HOOK AND STRAP METAL PANEL
- 7 GALVANIZED METAL RAILING WITH HORIZONTAL STAINLESS STEEL CABLE GUARDS SPACED 4" O.C. VERTICALLY
- 8 GALVANIZED METAL HANDRAIL
- 9 HORIZONTAL SUNSHADE - GALVANIZED STEEL FRAME WITH GALVANIZED BAR GRADE INFILL
- 10 ALUMINUM LOUVER, FINISH TO MATCH WINDOW FRAMING SYSTEM
- 11 PAINTED HOLLOW METAL DOOR AND FRAME
- 12 GLASS SECTIONAL OVERHEAD DOOR WITH ALUMINUM FRAME; DOOR PROVIDED BY OWNER
- 13 GLASS SECTIONAL OVERHEAD DOOR WITH ALUMINUM FRAME
- 14 BUILDING SIGNAGE; REFER TO ATTACHED DRAWINGS
- 15 PRECAST PLANK ON GALVANIZED STEEL STRUCTURE
- 16 GALVANIZED STEEL CHANNEL LATEL
- 17 COLORED MEMBRANE
- 18 EXTERIOR LIGHTING
- 19 GALVANIZED STEEL COLUMN
- 20 STAINLESS STEEL SCUPPER
- 21 GABION SITE WALL

1 North Elevation
SCALE: Not to Scale



2 East Elevation
SCALE: Not to Scale



CITY REVIEW SET - FINDORFF YARDS OFFICE LOFTS

EXTERIOR ELEVATIONS

Scale: Not to Scale

UDC Submittal: Submitted July 16, 2008 for August 6, 2008 Meeting

Engberg Anderson Project No. 081780



CITY REVIEW SET - FINDORFF YARDS OFFICE LOFTS

Engberg
Anderson



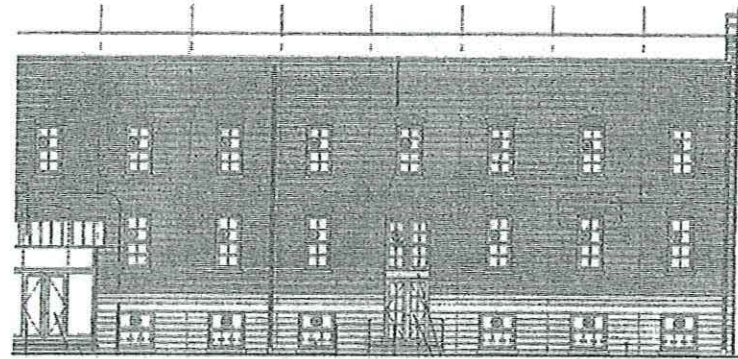
Zoning Map

Scale: none

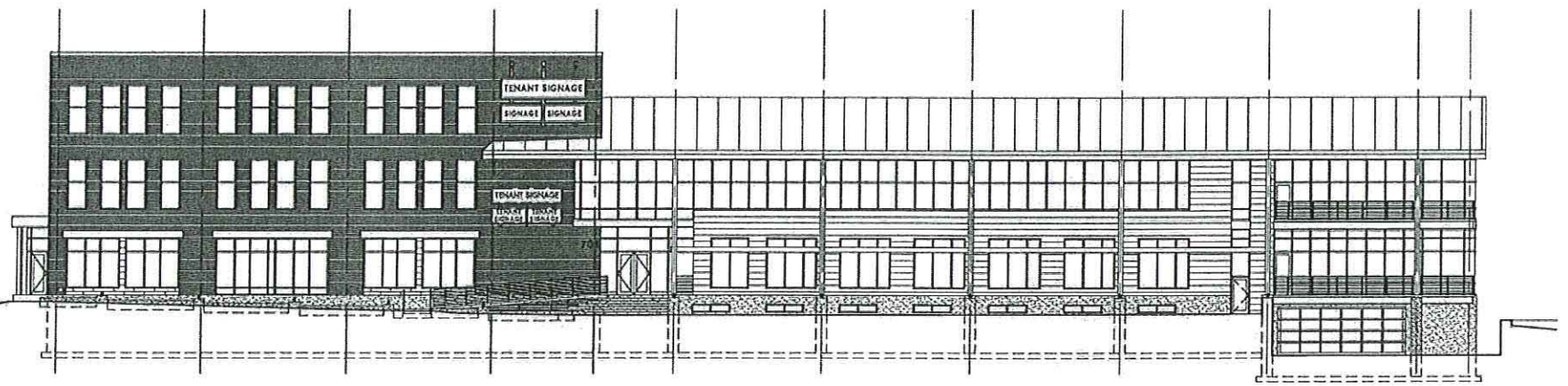
UDC Submittal: Submitted July 16, 2008 for August 6, 2008 Meeting

Engberg Anderson Project No. 081780

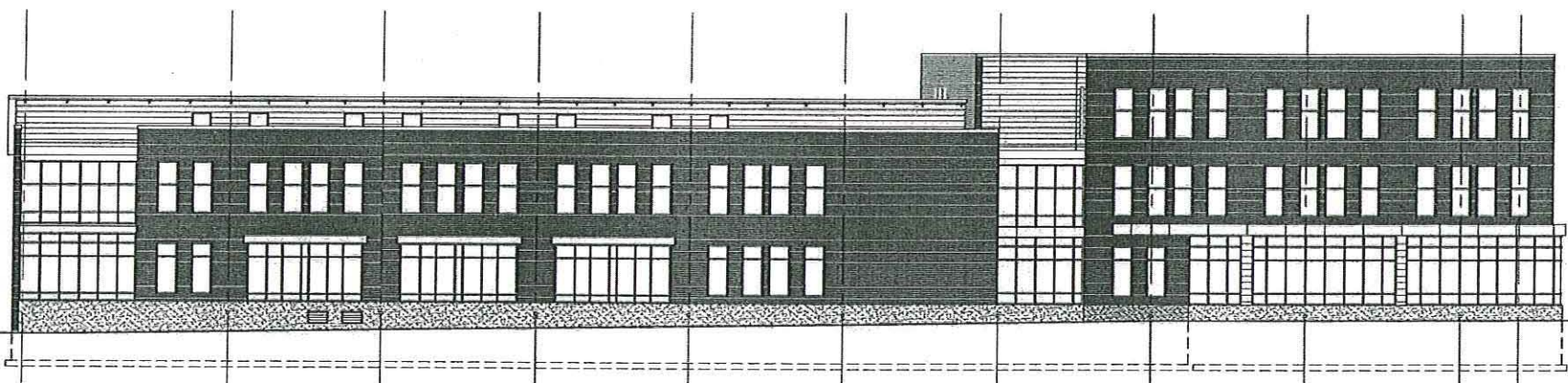
MILWAUKEE • MADISON • TUCSON



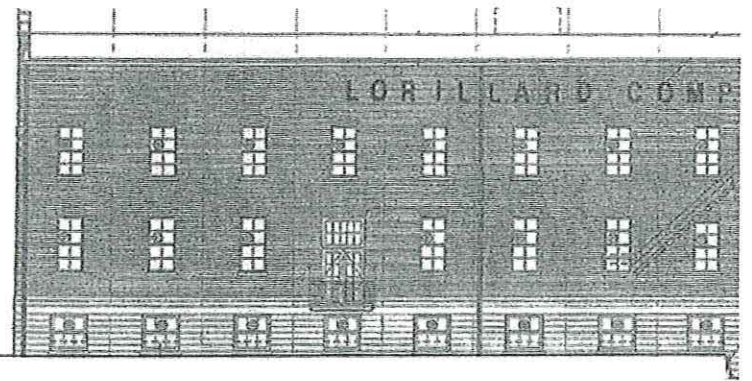
EXISTING LOFT BLDG. NEW DEVELOPMENT



2 West Elevation
 M03 SCALE: 1/32"=1'-0"



NEW DEVELOPMENT EXISTING LOFT BLDG.



2 East Elevation
 M04 SCALE: 1/32"=1'-0"



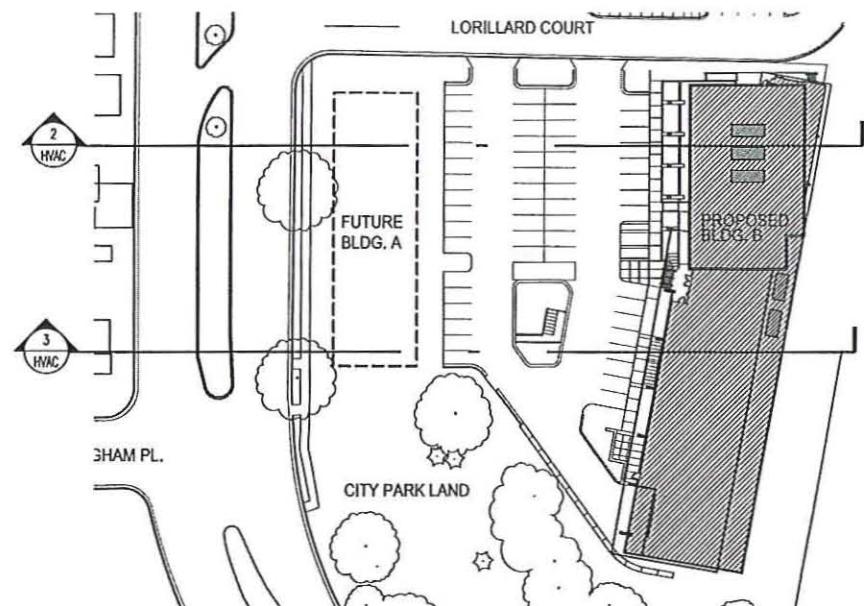
CITY REVIEW SET - FINDORFF YARDS OFFICE LOFTS

Exterior Elevations in Relation to Existing East Loft Building

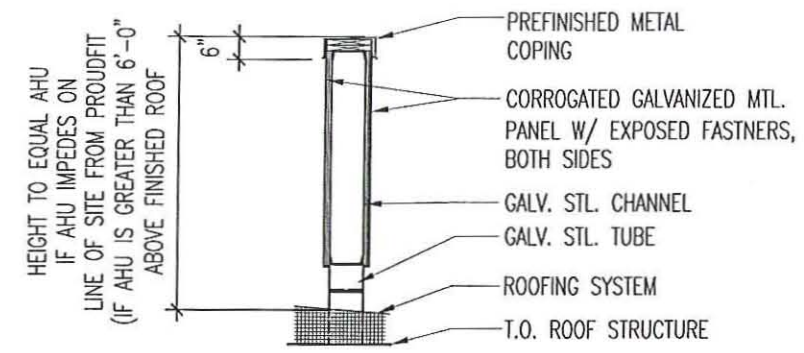
Scale: 1/32" = 1'-0"

City Submittal: Submitted July 29, 2008

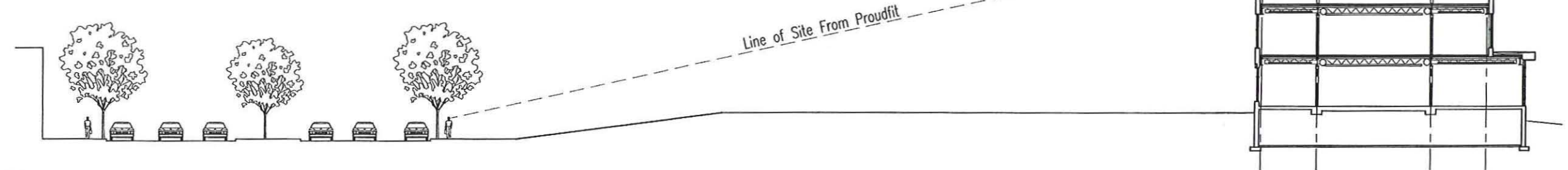
Engberg Anderson Project No. 081780



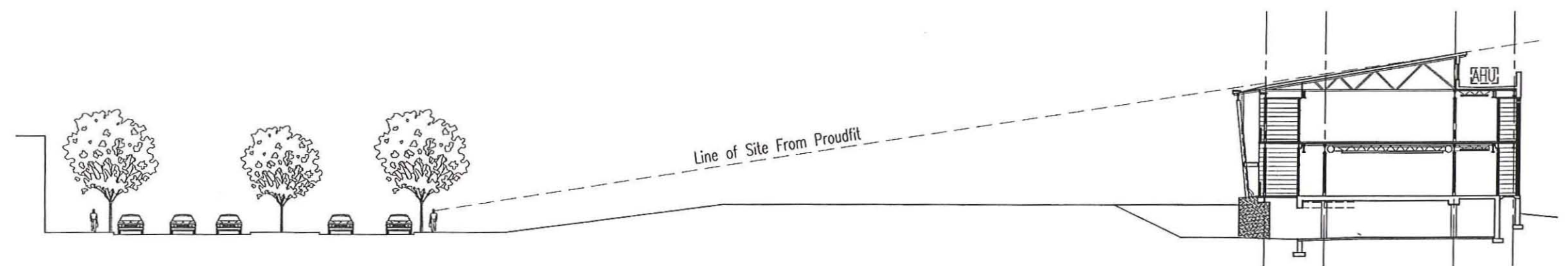
1 HVAC Building B HVAC Screen Location Diagram
SCALE: Not to Scale



2 HVAC Potential HVAC Screening @ Three Story Roof Condition
SCALE: 1/4" = 1'-0"



3 HVAC Building B HVAC Screen Diagram - North Section
SCALE: 1/32" = 1'-0"



4 HVAC Building B HVAC Screen Diagram - South Section
SCALE: 1/32" = 1'-0"

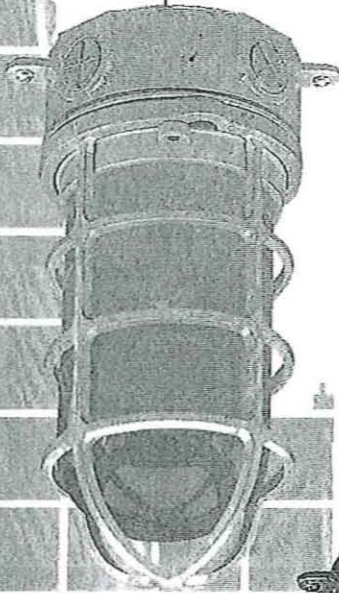


CITY REVIEW SET - FINDORFF YARDS OFFICE LOFTS

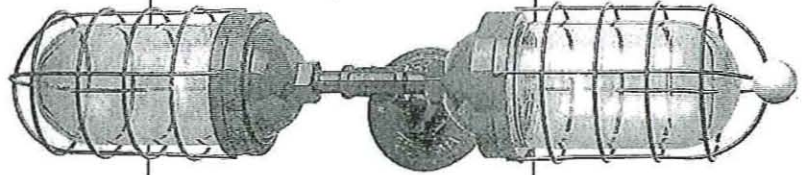
HVAC Screening
Scale: Varies
City Submittal: Submitted July 29, 2008
Engberg Anderson Project No. 081780

SERIES - SFM/VE

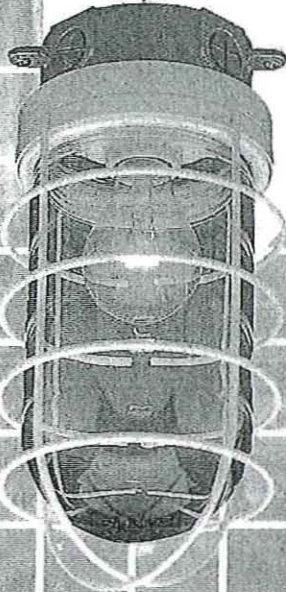
SFM1-FR-CG49/CF26
 Type B
 Findorff Yards



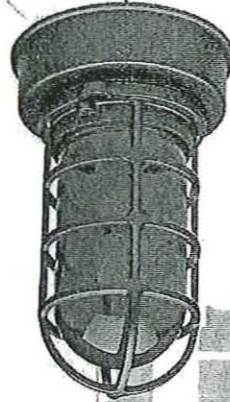
SFM1RECG49/100INC



VE2CLWG50/200INCE19



SFM2CLWG44/200INC



SFM1BLCG41/CF26W

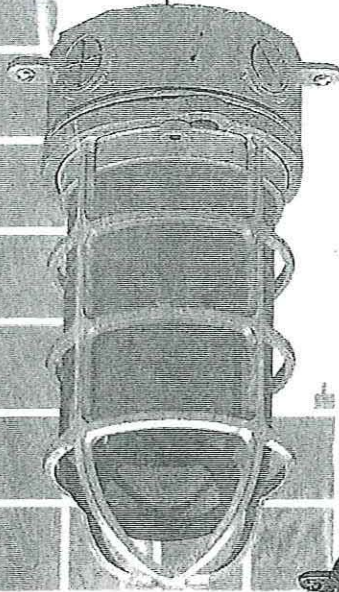


SFM2FRWG43/CF42W

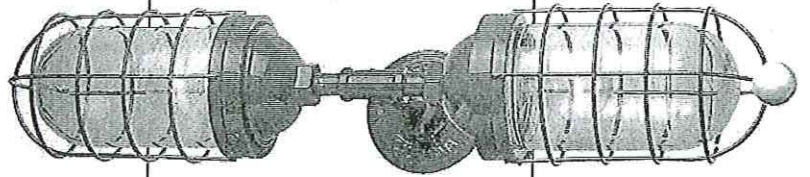
SERIES	SIZE	GLASS	GUARD	FINISH	WATTAGE	DIMENSION	MOUNTING
SFM	1	CL-Clear	CG-Cast Guard	40-Copper CC	100/INC CF26 or 32W	7 3/4" H x 4 1/2" W	
		FR-Frosted		41-Black		9 1/2" H x 6" W	
	2	PR-Prismatic	WG-Wire Guard	42-Dk.Green	200/INC CF42W	9 3/4" H x 5 1/4" W	
		RE-Red	43-Red	11" H x 6" W			
VE	1	BL-Blue	CG-Cast Guard	44-White	100/INC CF26 or 32W	4 1/4" H x 25" W x 9" PAD	E19
		GR-Green		45-Med.Blue		5" H x 28" W x 10" PAD	
	2	AH-Amber Hyde	WG-Wire Guard	46-Yellow	200/INC CF42W		
			48-PC.Pol.Alum.	49-Galvanized			
			50-Navy Blue				
				51-Arch.Brz.			
				52-Patina			
				53-Rust			
				54-Stucco			
				55-Sage			

SERIES SFM/VE

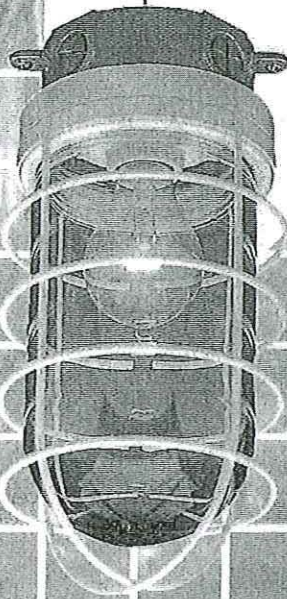
SFM1-FR-CG49/CF42
 Type B1
 Findorff Yards



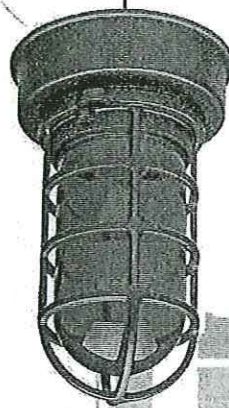
SFM1RECG49/100INC



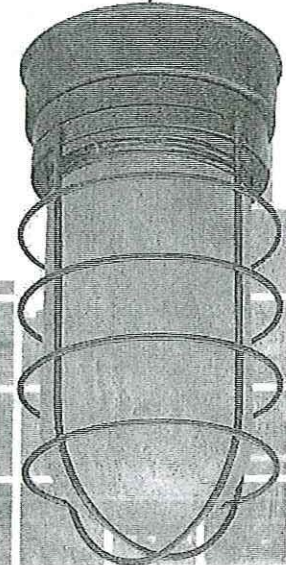
VE2CLWG50/200INCE19



SFM2CLWG44/200INC



SFM1BLCG41/CF26W



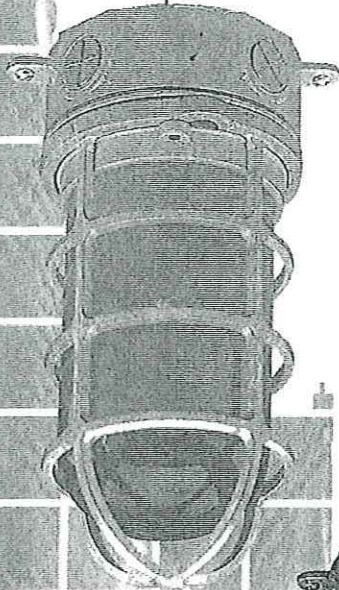
SFM2FRWG43/CF42W

SERIES	SIZE	CLASS	GUARD	FINISH	WATTAGE	DIMENSION	ROUTING
SFM	1	CL-Clear FR-Frosted PR-Prismatic	CG-Cast Guard	40-Copper CC 41-Black 42-Dk.Green 43-Red	100/INC CF26 or 32W	7 3/4" H x 4 1/2" W 9 1/2" H x 6" W	
	2	RE-Red BL-Blue GR-Green AH-Amber Hyde	WG-Wire Guard	44-White 45-Med.Blue 46-Yellow 48-PC Pol. Alum.	200/INC CF42W	9 3/4" H x 5 1/4" W 11" H x 6" W	
VE	1		CG-Cast Guard	49-Galvanized	100/INC CF26 or 32W	4 1/4" H x 25" W x 9" PRO	E19
	2		WG-Wire Guard	50-Navy Blue 51-Arch.Brz. 52-Patina 53-Rust 54-Stucco 55-Sage	200/INC CF42W	6" H x 28" W x 10" PRO	

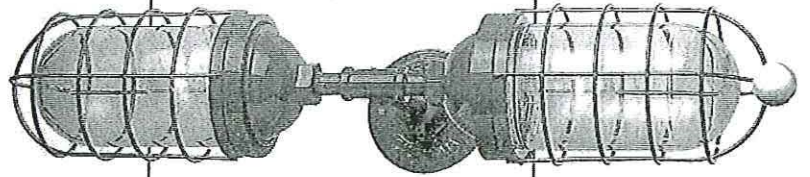
SFM 1 FR CG 40 100/INC E19

SERIES - SFM/VE

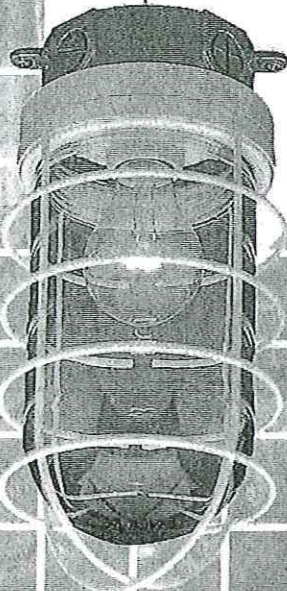
SFM1-FR-CG49/CF42
 Type B2
 Findorff Yards



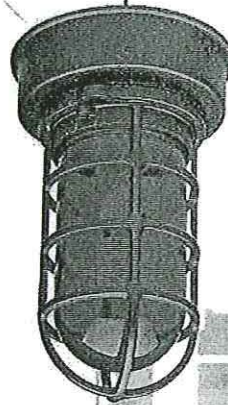
SFM1RECG49/100INC



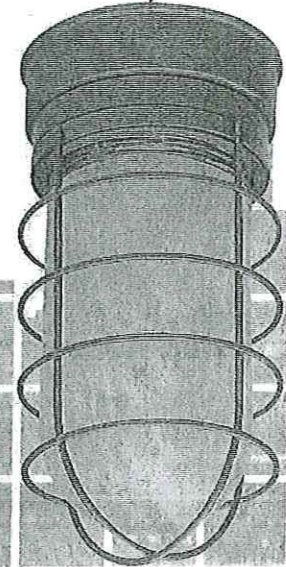
VE2CLWG50/200INCE19



SFM2CLWG44/200INC



SFM1BLCG41/CF26W



SFM2FRWG43/CF42W

SERIES	SIZE	GLASS	GUARD	FINISH	WATTAGE	DIMENSION	MOUNTING
SFM	1	CL-Clear FR-Frosted PR-Prismatic	CG-Cast Guard	40-Copper CC 41-Black 42-Dk.Green 43-Red 44-White 45-Med.Blue 46-Yellow 48-PC Pol. Alum.	100/INC CF26 or 32W	7 3/4" H x 4 1/2" W 9 1/2" H x 6" W	
	2	RE-Red BL-Blue GR-Green AH-Amber Hyde	WG-Wire Guard	49-Galvanized 50-Navy Blue 51-Arch.Brz. 52-Patina 53-Rust 54-Stucco 55-Sage	200/INC CF42W	9 3/4" H x 5 1/4" W 11" H x 6" W	
VE	1		CG-Cast Guard		100/INC CF26 or 32W	4 1/4" H x 25" W x 9" PRO	E19
	2		WG-Wire Guard		200/INC CF42W	5" H x 28" W x 10" PRO	

DESCRIPTION

The Zuma 1211 is a rugged ADA-compliant recessed mounted step light for use with compact fluorescent lamp sources. The housing is constructed from corrosion-proof injection-molded polycarbonate. Louvered or open face plates are available in injection-molded polycarbonate or die-cast aluminum. All models can be mounted in non-combustible surfaces such as brick, concrete or stone.

Catalog #	1211-LA-CF13-120-XX	Type	C
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Material

Recessed mounted housing is constructed from corrosion-proof injection-molded polycarbonate. Housing includes two 1/2" NPS threaded holes for easy through wiring. Face plate is available in corrosion-proof injection-molded polycarbonate or corrosion-resistant die-cast silicone aluminum.

B ... Finish

Die-cast aluminum face plates are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Injection-molded polycarbonate face plates are available in black or white.

C ... Reflector

Specular pebblestone aluminum reflector is standard to provide high lumen output and even illumination.

D ... Gasket

Housing and face plate are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Fixtures that utilize a 13-watt lamp source (CF13) include tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock. Fixtures that utilize a 9-watt lamp source (CF9) include polycarbonate lens.

F ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

G ... Socket

CF9: Ceramic socket with 250° C Teflon® coated lead wires and G23 base. CF13: Ceramic socket with 250° C Teflon® coated lead wires and GX23 base.

H ... Electrical

Includes integral 120V ballast.

I ... Lamp

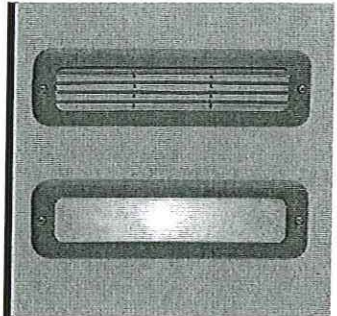
Lamp included as standard.

J ... Labels & Approvals

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

K ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

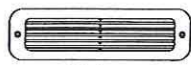
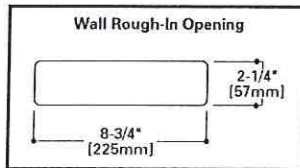


ZUMA

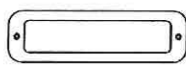
1211-LA
1211-OA
1211-LP
1211-OP

13W (max.)
Compact Fluorescent
Line Voltage
Step Light

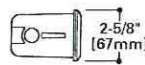
ADA-COMPLIANT



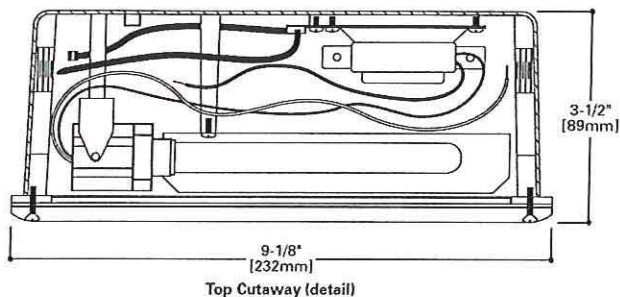
1211-LA & 1211-LP
(Louvered Face Plate)



1211-OA & 1211-OP
(Open Face Plate)



Side View

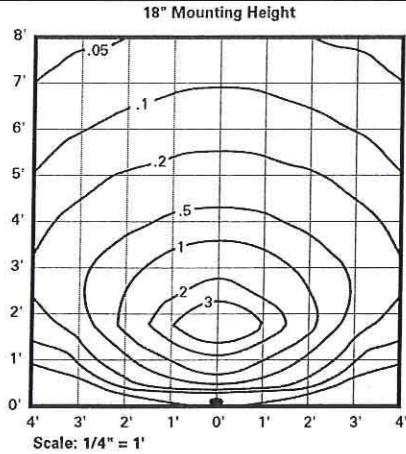


Top Cutaway (detail)

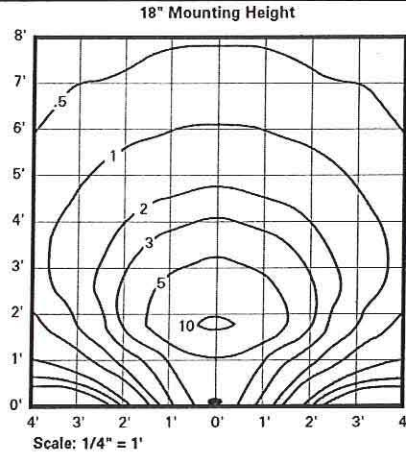
Zuma 1211-LP-CF13 Test No. H45009 Lamp=F13TT Lumens=900

Zuma 1211-OP-CF13 Test No. H45010 Lamp=F13TT Lumens=900

ISO Footcandle Plot



ISO Footcandle Plot



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
F9TT	---	9	---	600	3500	10,000	G23	120/277
F13T	---	13	---	900	3500	10,000	GX23	120/277

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.

ORDERING INFORMATION

Sample Number: 1211-LA-CF9-120-BK

1211	LA	CF13	120	XX
Series 1211: Polycarbonate Housing, Compact Fluorescent Zuma Step Light	Face Plate LA: Louvered Aluminum Face Plate OA: Open Aluminum Face Plate LP: Louvered Polycarbonate Face Plate ¹ OP: Open Polycarbonate Face Plate ¹	Source Compact Fluorescent CF9: 9W Compact Fluorescent Twin Tube, G23 Base CF13: 13W Compact Fluorescent Quad Tube, GX23 Base	Voltage 120: 120V	Finish Painted BK: Black BZ: Bronze CS: City Silver VE: Verde WT: White Polycarbonate BK: Black WT: White

- Notes: 1 Black or white finish only.
- Lamp included.
 - Consult your Cooper Lighting representative for additional options and finishes.

DESCRIPTION

ICON'S gentle curves and sleek profile create a shape that is beyond common. Two (2) unique arm choices combined with structural element options and multiple housing sizes provide no limitations in bridging to the architectural application.

Catalog #	ICM-250-MH-XX-3S	Type	D
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Housing

Heavy wall, die-cast aluminum housing maintains a nominal .125 wall thickness for precise tolerance control and repeatability in manufacturing.

B ... Door

Heavy wall, die-cast aluminum door maintains a nominal .125 wall thickness. Continuous silicone gasketing provides an IP65 fixture rating. Toolless entry to housing is provided via two (2) recess mounted button style latches. Captive hinging is fully concealed.

C ... Lens

Impact-resistant 1/8" thick tempered clear or optional frosted flat glass for concealment of lamp image.

D ... Optical System

Choice of five (5) high efficiency segmented optical systems constructed of premium 95% reflective anodized aluminum sheet. Optical segments are rigidly mounted inside a thick gauge aluminum housing for superior protection. All segment faces are clean of rivet heads, tabs, or other means of attachment which may cause streaking in the light distribution.

All reflector modules feature toolless removal, quick disconnect wiring plugs, and are toolless field rotatable in 90° increments. Medium housing (ICM) optics feature mogul-base lampholders for HID lamp sources.

E ... Upsweep Arm

Manufactured of heavy wall cast aluminum. Internal bolts guides provided for positioning arm to housing and pole.

F ... Linear Arm

Manufactured of heavy wall extruded aluminum. Arm features internal bolt guides for positioning arm to housing and pole.

G ... Structural Mount

Die-cast aluminum cleat factory mounted and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Product functions in conjunction with linear arm. INVUE poles provided pre-drilled for suspension mount applications. See INVUE pole brochure for complete selection of matching poles.

H ... Structural Wall Mount

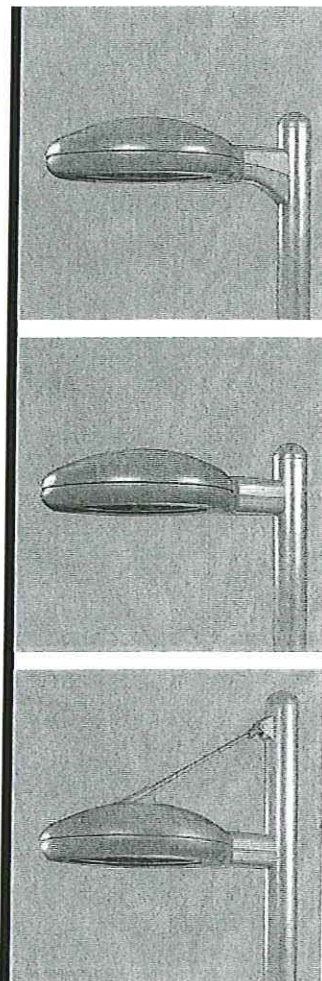
Die-cast aluminum cleat factory mounted to luminaire and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Wall bracket works in conjunction with linear arm.

I ... Electrical Tray

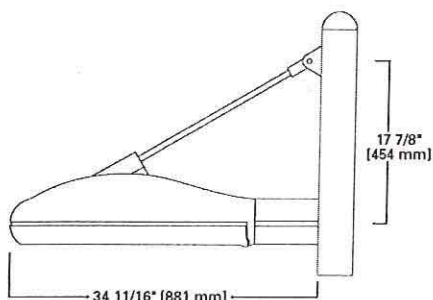
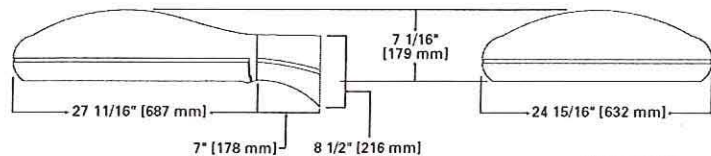
Ballast and related electrical components are mounted to a reinforced one piece toolless release power tray. Electrical quick disconnects allow tray to be completely removed from housing providing ample hand and tool room for attachment of luminaire during installation.

J ... Finish

Housing and arm finished in a 5 stage premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic. RAL and custom color matches available. Consult your INVUE Lighting Systems Representative for more information.



DIMENSIONS



Wattage Table	
ICM	
Metal Halide	175, 250, 400W
Pulse Start Metal Halide	250, 320, 350, 400W
High Pressure Sodium	150, 250, 400W
Compact Fluorescent	(2) 57, (2) 70W

Certifications

IP65 Rated	U.L. 1598 Listed	3G Vibration Tested	FCO Full Cutoff
CSA Listed	25°C Ambient	ISO 9001	

ICM ICON SITE MEDIUM

114-400W
Metal Halide
Pulse Start Metal Halide
High Pressure Sodium
Compact Fluorescent

ARCHITECTURAL
AREA LUMINAIRE

EPA: (effected projected area)
Single: 1.09
Single Structural: 1.11
SHIPPING DATA (approx.)
Net Weight (lbs.): 53
Volume (cu. ft): 4.00

Specifications and Dimensions subject to change without notice.

Consult your representative for additional options and finishes.

ORDERING INFORMATION

Sample Number: ICM-400-MH-MT-3S-BK-PRCPS-L

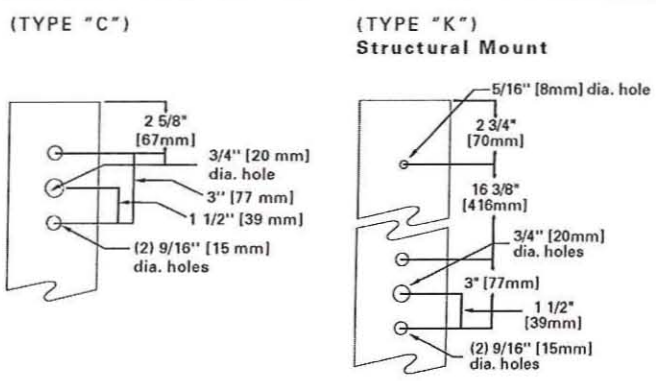
ICM	250	MH	XX	3S			
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<p>Product Family¹ ICM: ICON Site Medium</p> <p>Lamp Wattage HID² 150: 150W 175: 175W 250: 250W 320: 320W³ 350: 350W³ 400: 400W⁴ Compact Fluorescent 114: (2) 57W⁵ 140: (2) 70W⁵</p>	<p>Lamp Type MH: Metal Halide MP: Pulse Start Metal Halide HPS: High Pressure Sodium CF: Compact Fluorescent⁶</p> <p>Voltage⁷ 120: 120V 208: 208V 240: 240V 277: 277V 347: 347V 480: 480V DT: Dual-Tap wired 277V⁸ MT: Multi-Tap wired 277V⁹ TT: Triple-Tap wired 347V¹⁰ UNV: 120-277V Universal Electronic Ballast</p>	<p>Optical System 2S: Type II 3S: Type III 4S: Type IV 5S: Type V SL: Forward Throw w/ Spill Light Eliminator</p> <p>Color¹¹ BK: Black AP: Grey BZ: Bronze WH: White DP: Dark Platinum GM: Graphite Metallic</p>	<p>Structural Options¹² Pole Mount PRCPS: Strut Rod and Clevis Set for Square Poles (Painted to match fixture, does not include arm)¹³ PRCSS: Stainless Steel Strut Rod and Clevis Set¹³ for Square Poles (Clevis' painted to match fixture, does not include arm) PRCPR: Strut Rod and Clevis Set for Round Poles¹⁴ (Painted to match fixture, does not include arm) PRCSR: Stainless Steel Strut Rod and Clevis Set¹⁴ for Round Poles (Clevis' painted to match fixture, does not include arm)</p> <p>Wall Mount WRCP: Strut Rod and Clevis Set (Painted to¹⁵ match fixture, does not include arm) WRCS: Stainless Steel Strut Rod and Clevis Set¹⁵ (Clevis' painted to match fixture, does not include arm)</p>	<p>Accessories²⁰ VA1003-XX: Wall Mount Kit w/ Upsweep Arm²¹ VA1004-XX: Wall Mount Kit w/ Linear Arm²¹ VA1011-XX: Upsweep Arm for Square Pole VA1012-XX: Upsweep Arm for Round Pole VA1014-XX: Linear Arm for Square Pole VA1015-XX: Linear Arm for Round Pole VA1018-XX: Mast Arm Adapter Kit VA1074-XX: ICM Structural Mount Wall Mount²² Arm VA1033-XX: Single-arm Tenon Adapter for 2 3/8" O.D. Tenon VA1034-XX: 2@180 Degree Tenon Adapter for 2 3/8" O.D. Tenon VA1035-XX: 3@120 Degree Tenon Adapter for 2 3/8" O.D. Tenon VA1036-XX: 4@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon VA1037-XX: 2@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon VA1038-XX: 3@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon VA1039-XX: 2@120 Degree Tenon Adapter for 2 3/8" O.D. Tenon VA1040-XX: Single-arm Tenon Adapter for 3 1/2" O.D. Tenon VA1041-XX: 2@180 Degree Tenon Adapter for 3 1/2" O.D. Tenon VA1042-XX: 3@120 Degree Tenon Adapter for 3 1/2" O.D. Tenon VA1043-XX: 4@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon VA1044-XX: 2@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon VA1045-XX: 3@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon VA1046-XX: 2@120 Degree Tenon Adapter for 3 1/2" O.D. Tenon OA/RA1016: NEMA Photocontrol - Multi-Tap OA/RA1027: NEMA Photocontrol - 480V OA/RA1201: NEMA Photocontrol - 347V</p>
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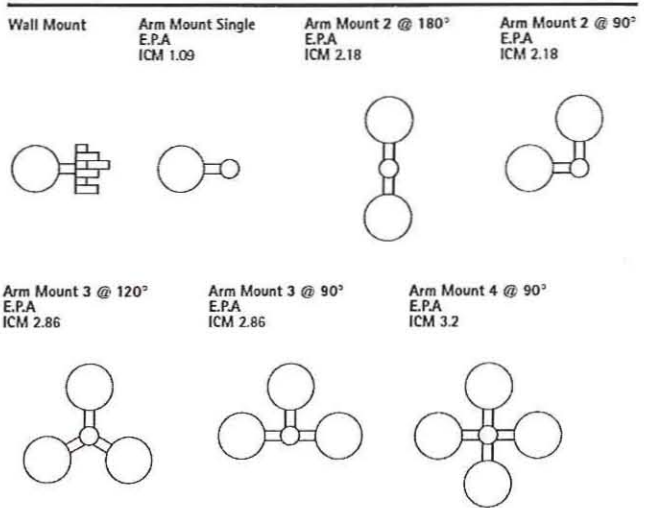
- Notes: 1 Arm not included. See accessories.
2 All HID lamps are mogul-base.
3 320W and 350W Pulse Start Metal Halide lamps only.
4 400W Metal Halide requires reduced envelope ED28 lamp.
5 Dual Compact Fluorescent lamp options available in Type 4S distribution only.
6 Compact Fluorescent ballasts contain internal fusing. No supplemental fusing is necessary. CF ballasts are 120 through 277V. Specify with UNV voltage designation.
7 Products also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information.
8 Dual-tap is 120/277V wired 277V.
9 Multi-tap is 120/208/240/277V wired 277V.
10 Triple-tap is 120/277/347V wired 347V.
11 Custom and RAL color matching available upon request. Consult your INVUE Lighting Systems Representative for further information.
12 Add as suffix in the order shown.
13 Square pole mount structural options do not include arm assembly (See Accessories). Compatible with VA1014 linear arm only.
14 Round pole mount structural options do not include arm assembly (See Accessories). Compatible with VA1015 linear arm only.
15 Wall mount structural options do not include arm assembly (See Accessories). Compatible with VA1074 linear arm only.
16 Quartz options not available with SL optic.
17 NEMA photocell receptacle not available in conjunction with structural options.
18 Dual switching requires dual 57W or dual 70W Compact Fluorescent lamps. Allows independent switching control of each lamp through use of two (2) electronic ballasts. Allows 50% power reduction when dual ballasts are independently wired and controlled.
19 House side shield not available on 5S and SL optics.
20 Order separately, replace XX with color suffix.
21 For use in down lighting applications only.
22 Includes arm only. Must specify WRCP or WRCS in fixture ordering logic. Down light only.

- Options**¹⁷
F: Single Fuse (120, 277 or 347V) Specify Voltage
FF: Double Fuse (208, 240 or 480V) Specify Voltage
Q: Quartz Restrike¹⁶
EM: Quartz Restrike w/ Time Delay (Also Strikes at¹⁶ Cold Start)
EM/SC: Quartz Emergency Separate Circuit¹⁶
R: NEMA Twistlock Photocell Receptacle¹⁷
PC: Button Type Photocontrol (Specify Voltage)
DS: Dual Fluorescent Switching Control¹⁸
HS: House Side Shield¹⁹
FR: Frosted Flat Glass Lens
L: Lamp Included

DRILLING PATTERNS



MOUNTING VARIATIONS



DESCRIPTION

ICON'S gentle curves and sleek profile create a shape that is beyond common. Two (2) unique arm choices combined with structural element options and multiple housing sizes provide no limitations in bridging to the architectural application.

Catalog #	ICM-250-MH-XX-4S	Type	D1
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Housing

Heavy wall, die-cast aluminum housing maintains a nominal .125 wall thickness for precise tolerance control and repeatability in manufacturing.

B ... Door

Heavy wall, die-cast aluminum door maintains a nominal .125 wall thickness. Continuous silicone gasketing provides an IP65 fixture rating. Toolless entry to housing is provided via two (2) recess mounted button style latches. Captive hinging is fully concealed.

C ... Lens

Impact-resistant 1/8" thick tempered clear or optional frosted flat glass for concealment of lamp image.

D ... Optical System

Choice of five (5) high efficiency segmented optical systems constructed of premium 95% reflective anodized aluminum sheet. Optical segments are rigidly mounted inside a thick gauge aluminum housing for superior protection. All segment faces are clean of rivet heads, tabs, or other means of attachment which may cause streaking in the light distribution.

All reflector modules feature toolless removal, quick disconnect wiring plugs, and are toolless field rotatable in 90° increments. Medium housing (ICM) optics feature mogul-base lampholders for HID lamp sources.

E ... Upsweep Arm

Manufactured of heavy wall cast aluminum. Internal bolts guides provided for positioning arm to housing and pole.

F ... Linear Arm

Manufactured of heavy wall extruded aluminum. Arm features internal bolt guides for positioning arm to housing and pole.

G ... Structural Mount

Die-cast aluminum cleat factory mounted and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Product functions in conjunction with linear arm. INVUE poles provided pre-drilled for suspension mount applications. See INVUE pole brochure for complete selection of matching poles.

H ... Structural Wall Mount

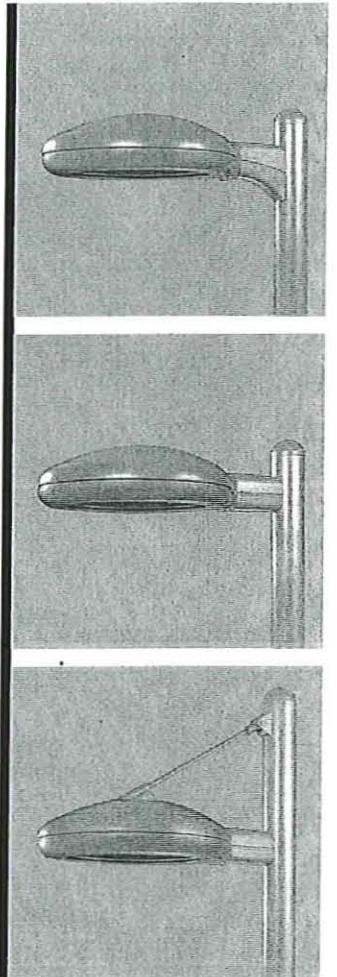
Die-cast aluminum cleat factory mounted to luminaire and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Wall bracket works in conjunction with linear arm.

I ... Electrical Tray

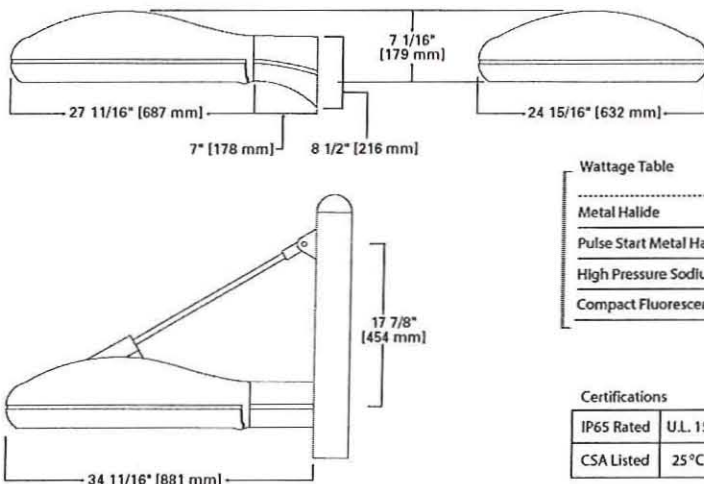
Ballast and related electrical components are mounted to a reinforced one piece toolless release power tray. Electrical quick disconnects allow tray to be completely removed from housing providing ample hand and tool room for attachment of luminaire during installation.

J ... Finish

Housing and arm finished in a 5 stage premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic. RAL and custom color matches available. Consult your INVUE Lighting Systems Representative for more information.



DIMENSIONS



Wattage Table

	ICM
Metal Halide	175, 250, 400W
Pulse Start Metal Halide	250, 320, 350, 400W
High Pressure Sodium	150, 250, 400W
Compact Fluorescent	(2) 57, (2) 70W

Certifications

IP65 Rated	U.L. 1598 Listed	3G Vibration Tested	FCO Full Cutoff
CSA Listed	25°C Ambient	ISO 9001	

**ICM
ICON
SITE MEDIUM**

114-400W
Metal Halide
Pulse Start Metal Halide
High Pressure Sodium
Compact Fluorescent
**ARCHITECTURAL
AREA LUMINAIRE**

EPA: (effected projected area)
Single: 1.09
Single Structural: 1.11
SHIPPING DATA (approx.)
Net Weight (lbs.): 53
Volume (cu. ft): 4.00

ORDERING INFORMATION

Sample Number: ICM-400-MH-MT-3S-BK-PRCPS-L

ICM	250	MH	XX	4S			
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Product Family
ICM: ICON Site Medium

Lamp Wattage

- HID**²
- 150: 150W
 - 175: 175W
 - 250: 250W
 - 320: 320W³
 - 350: 350W³
 - 400: 400W⁴
- Compact Fluorescent**
- 114: (2) 57W⁵
 - 140: (2) 70W⁵

Lamp Type

- MH:** Metal Halide
- MP:** Pulse Start Metal Halide
- HPS:** High Pressure Sodium
- CF:** Compact Fluorescent⁶

Voltage⁷

- 120: 120V
- 208: 208V
- 240: 240V
- 277: 277V
- 347: 347V
- 480: 480V
- DT:** Dual-Tap wired 277V⁸
- MT:** Multi-Tap wired 277V⁹
- TT:** Triple-Tap wired 347V¹⁰
- UNV:** 120-277V Universal Electronic Ballast

Optical System

- 2S: Type II
- 3S: Type III
- 4S: Type IV
- 5S: Type V
- SL:** Forward Throw w/ Spill Light Eliminator

Color¹¹

- BK:** Black
- AP:** Grey
- BZ:** Bronze
- WH:** White
- DP:** Dark Platinum
- GM:** Graphite Metallic

Structural Options¹⁷

- Pole Mount**
- PRCPS:** Strut Rod and Clevis Set for Square Poles (Painted to match fixture, does not include arm)¹³
 - PRCSS:** Stainless Steel Strut Rod and Clevis Set¹³ for Square Poles (Clevis' painted to match fixture, does not include arm)
 - PRCPR:** Strut Rod and Clevis Set for Round Poles¹⁴ (Painted to match fixture, does not include arm)
 - PRCSR:** Stainless Steel Strut Rod and Clevis Set¹⁴ for Round Poles (Clevis' painted to match fixture, does not include arm)
- Wall Mount**
- WRCP:** Strut Rod and Clevis Set (Painted to¹⁵ match fixture, does not include arm)
 - WRCS:** Stainless Steel Strut Rod and Clevis Set¹⁵ (Clevis' painted to match fixture, does not include arm)

Accessories²⁰

- VA1003-XX:** Wall Mount Kit w/ Upsweep Arm²¹
- VA1004-XX:** Wall Mount Kit w/ Linear Arm²¹
- VA1011-XX:** Upsweep Arm for Square Pole
- VA1012-XX:** Upsweep Arm for Round Pole
- VA1014-XX:** Linear Arm for Square Pole
- VA1015-XX:** Linear Arm for Round Pole
- VA1018-XX:** Mast Arm Adapter Kit
- VA1074-XX:** ICM Structural Mount Wall Mount²² Arm
- VA1033-XX:** Single-arm Tenon Adapter for 2 3/8" O.D. Tenon
- VA1034-XX:** 2@180 Degree Tenon Adapter for 2 3/8" O.D. Tenon
- VA1035-XX:** 3@120 Degree Tenon Adapter for 2 3/8" O.D. Tenon
- VA1036-XX:** 4@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon
- VA1037-XX:** 2@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon
- VA1038-XX:** 3@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon
- VA1039-XX:** 2@120 Degree Tenon Adapter for 2 3/8" O.D. Tenon
- VA1040-XX:** Single-arm Tenon Adapter for 3 1/2" O.D. Tenon
- VA1041-XX:** 2@180 Degree Tenon Adapter for 3 1/2" O.D. Tenon
- VA1042-XX:** 3@120 Degree Tenon Adapter for 3 1/2" O.D. Tenon
- VA1043-XX:** 4@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon
- VA1044-XX:** 2@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon
- VA1045-XX:** 3@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon
- VA1046-XX:** 2@120 Degree Tenon Adapter for 3 1/2" O.D. Tenon
- OA/RA1016:** NEMA Photocontrol - Multi-Tap
- OA/RA1027:** NEMA Photocontrol - 480V
- OA/RA1201:** NEMA Photocontrol - 347V

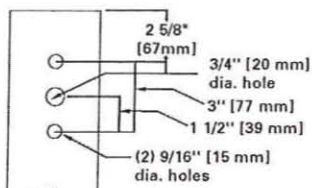
- Notes:**
- 1 Arm not included. See accessories.
 - 2 All HID lamps are mogul-base.
 - 3 320W and 350W Pulse Start Metal Halide lamps only.
 - 4 400W Metal Halide requires reduced envelope ED28 lamp.
 - 5 Dual Compact Fluorescent lamp options available in Type 4S distribution only.
 - 6 Compact Fluorescent ballasts contain internal fusing. No supplemental fusing is necessary. CF ballasts are 120 through 277V. Specify with UNV voltage designation.
 - 7 Products also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information.
 - 8 Dual-tap is 120/277V wired 277V.
 - 9 Multi-tap is 120/208/240/277V wired 277V.
 - 10 Triple-tap is 120/277/347V wired 347V.
 - 11 Custom and RAL color matching available upon request. Consult your INVUE Lighting Systems Representative for further information.
 - 12 Add as suffix in the order shown.
 - 13 Square pole mount structural options do not include arm assembly (See Accessories). Compatible with VA1014 linear arm only.
 - 14 Round pole mount structural options do not include arm assembly (See Accessories). Compatible with VA1015 linear arm only.
 - 15 Wall mount structural options do not include arm assembly (See Accessories). Compatible with VA1074 linear arm only.
 - 16 Quartz options not available with SL optic.
 - 17 NEMA photocell receptacle not available in conjunction with structural options.
 - 18 Dual switching requires dual 57W or dual 70W Compact Fluorescent lamps. Allows independent switching control of each lamp through use of two (2) electronic ballasts. Allows 50% power reduction when dual ballasts are independently wired and controlled.
 - 19 House side shield not available on 5S and SL optics.
 - 20 Order separately, replace XX with color suffix.
 - 21 For use in down lighting applications only.
 - 22 Includes arm only. Must specify WRCP or WRCS in fixture ordering logic. Down light only.

Options¹²

- F:** Single Fuse (120, 277 or 347V) Specify Voltage
- FF:** Double Fuse (208, 240 or 480V) Specify Voltage
- Q:** Quartz Restrike¹⁶
- EM:** Quartz Restrike w/ Time Delay (Also Strikes at¹⁶ Cold Start)
- EM/SC:** Quartz Emergency Separate Circuit¹⁶
- R:** NEMA Twistlock Photocell Receptacle¹⁷
- PC:** Button Type Photocontrol (Specify Voltage)
- DS:** Dual Fluorescent Switching Control¹⁸
- HS:** House Side Shield¹⁹
- FR:** Frosted Flat Glass Lens
- L:** Lamp Included

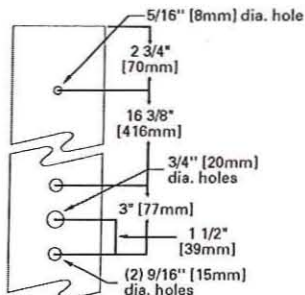
DRILLING PATTERNS

(TYPE "C")



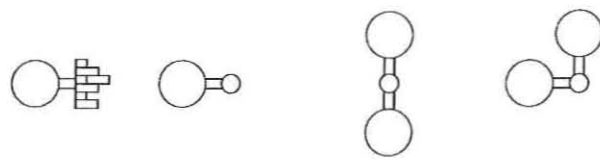
(TYPE "K")

Structural Mount

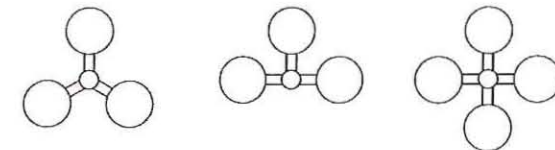


MOUNTING VARIATIONS

- Wall Mount
- Arm Mount Single EPA ICM 1.09
- Arm Mount 2 @ 180° EPA ICM 2.18
- Arm Mount 2 @ 90° EPA ICM 2.18



- Arm Mount 3 @ 120° EPA ICM 2.86
- Arm Mount 3 @ 90° EPA ICM 2.86
- Arm Mount 4 @ 90° EPA ICM 3.2



DESCRIPTION

ICON'S gentle curves and sleek profile create a shape that is beyond common. Two (2) unique arm choices combined with structural element options and multiple housing sizes provide no limitations in bridging to the architectural application.

Catalog #	ICM-250-MH-XX-SL	Type	D2
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Housing

Heavy wall, die-cast aluminum housing maintains a nominal .125 wall thickness for precise tolerance control and repeatability in manufacturing.

B ... Door

Heavy wall, die-cast aluminum door maintains a nominal .125 wall thickness. Continuous silicone gasketing provides an IP65 fixture rating. Toolless entry to housing is provided via two (2) recess mounted button style latches. Captive hinging is fully concealed.

C ... Lens

Impact-resistant 1/8" thick tempered clear or optional frosted flat glass for concealment of lamp image.

D ... Optical System

Choice of five (5) high efficiency segmented optical systems constructed of premium 95% reflective anodized aluminum sheet. Optical segments are rigidly mounted inside a thick gauge aluminum housing for superior protection. All segment faces are clean of rivet heads, tabs, or other means of attachment which may cause streaking in the light distribution.

All reflector modules feature toolless removal, quick disconnect wiring plugs, and are toolless field rotatable in 90° increments. Medium housing (ICM) optics feature mogul-base lampholders for HID lamp sources.

E ... Upsweep Arm

Manufactured of heavy wall cast aluminum. Internal bolts guides provided for positioning arm to housing and pole.

F ... Linear Arm

Manufactured of heavy wall extruded aluminum. Arm features internal bolt guides for positioning arm to housing and pole.

G ... Structural Mount

Die-cast aluminum cleat factory mounted and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Product functions in conjunction with linear arm. INVUE poles provided pre-drilled for suspension mount applications. See INVUE pole brochure for complete selection of matching poles.

H ... Structural Wall Mount

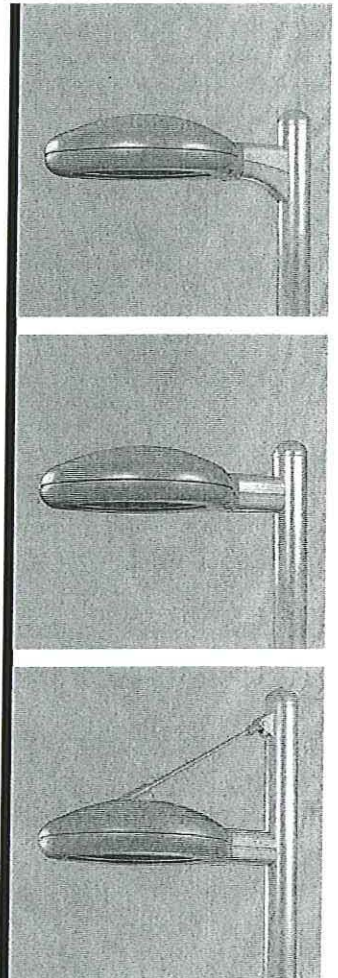
Die-cast aluminum cleat factory mounted to luminaire and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Wall bracket works in conjunction with linear arm.

I ... Electrical Tray

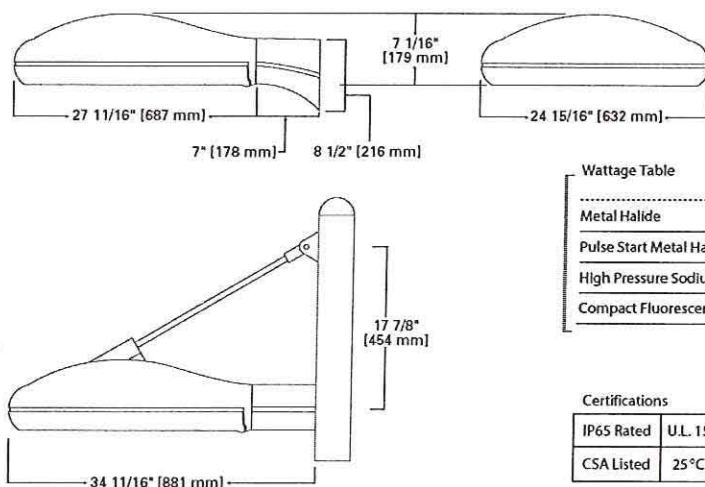
Ballast and related electrical components are mounted to a reinforced one piece toolless release power tray. Electrical quick disconnects allow tray to be completely removed from housing providing ample hand and tool room for attachment of luminaire during installation.

J ... Finish

Housing and arm finished in a 5 stage premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic. RAL and custom color matches available. Consult your INVUE Lighting Systems Representative for more information.



DIMENSIONS



Wattage Table

	ICM
Metal Halide	175, 250, 400W
Pulse Start Metal Halide	250, 320, 350, 400W
High Pressure Sodium	150, 250, 400W
Compact Fluorescent	(2) 57, (2) 70W

Certifications

IP65 Rated	U.L. 1598 Listed	3G Vibration Tested	FCO Full Cutoff
CSA Listed	25°C Ambient	ISO 9001	

ICM ICON SITE MEDIUM

114-400W

Metal Halide

Pulse Start Metal Halide

High Pressure Sodium

Compact Fluorescent

ARCHITECTURAL

AREA LUMINAIRE

EPA: (effected projected area)

Single: 1.09

Single Structural: 1.11

SHIPPING DATA (approx.)

Net Weight (lbs.): 53

Volume (cu. ft): 4.00

ORDERING INFORMATION

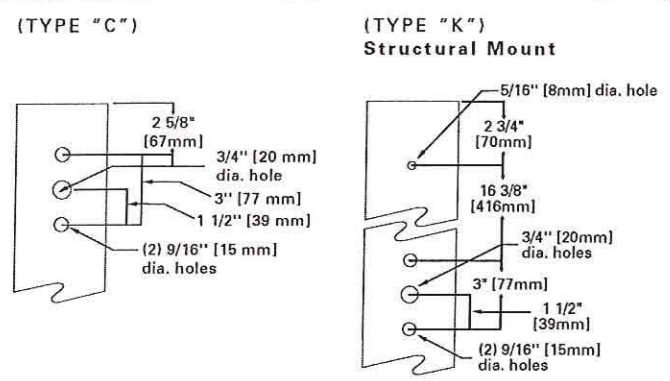
Sample Number: ICM-400-MH-MT-3S-BK-PRCPS-L

ICM	250	MH	XX	SL			
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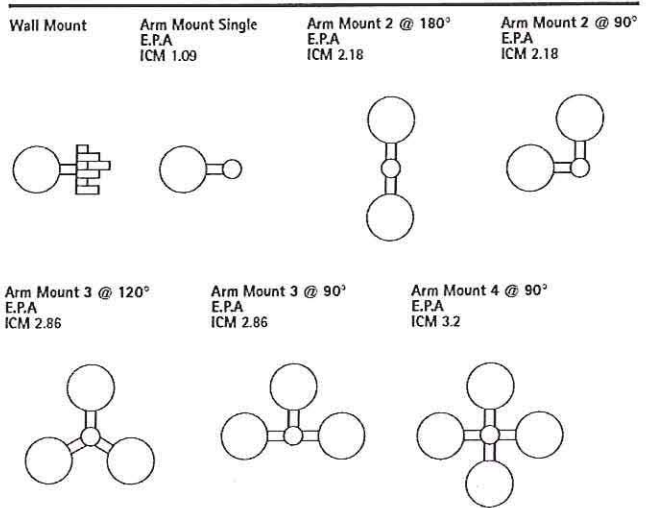
<p>Product Family¹</p> <p>ICM: ICON Site Medium</p> <p>Lamp Wattage</p> <p>HID²</p> <p>150: 150W</p> <p>175: 175W</p> <p>250: 250W</p> <p>320: 320W³</p> <p>350: 350W³</p> <p>400: 400W⁴</p> <p>Compact Fluorescent</p> <p>114: (2) 57W⁵</p> <p>140: (2) 70W⁵</p>	<p>Lamp Type</p> <p>MH: Metal Halide</p> <p>MP: Pulse Start Metal Halide</p> <p>HPS: High Pressure Sodium</p> <p>CF: Compact Fluorescent⁶</p> <p>Voltage⁷</p> <p>120: 120V</p> <p>208: 208V</p> <p>240: 240V</p> <p>277: 277V</p> <p>347: 347V</p> <p>480: 480V</p> <p>DT: Dual-Tap wired 277V⁸</p> <p>MT: Multi-Tap wired 277V⁹</p> <p>TT: Triple-Tap wired 347V¹⁰</p> <p>UNV: 120-277V Universal Electronic Ballast</p>	<p>Optical System</p> <p>2S: Type II</p> <p>3S: Type III</p> <p>4S: Type IV</p> <p>5S: Type V</p> <p>SL: Forward Throw w/ Spill Light Eliminator</p> <p>Color¹¹</p> <p>BK: Black</p> <p>AP: Grey</p> <p>BZ: Bronze</p> <p>WH: White</p> <p>DP: Dark Platinum</p> <p>GM: Graphite Metallic</p>	<p>Structural Options¹²</p> <p>Pole Mount</p> <p>PRCPS: Strut Rod and Clevis Set for Square Poles (Painted to match fixture, does not include arm)¹³</p> <p>PRCSS: Stainless Steel Strut Rod and Clevis Set¹³ for Square Poles (Clevis' painted to match fixture, does not include arm)</p> <p>PRCPR: Strut Rod and Clevis Set for Round Poles¹⁴ (Painted to match fixture, does not include arm)</p> <p>PRCSR: Stainless Steel Strut Rod and Clevis Set¹⁴ for Round Poles (Clevis' painted to match fixture, does not include arm)</p> <p>Wall Mount</p> <p>WRCP: Strut Rod and Clevis Set (Painted to¹⁵ match fixture, does not include arm)</p> <p>WRCS: Stainless Steel Strut Rod and Clevis Set¹⁵ (Clevis' painted to match fixture, does not include arm)</p>	<p>Accessories²⁰</p> <p>VA1003-XX: Wall Mount Kit w/ Upsweep Arm²¹</p> <p>VA1004-XX: Wall Mount Kit w/ Linear Arm²¹</p> <p>VA1011-XX: Upsweep Arm for Square Pole</p> <p>VA1012-XX: Upsweep Arm for Round Pole</p> <p>VA1014-XX: Linear Arm for Square Pole</p> <p>VA1015-XX: Linear Arm for Round Pole</p> <p>VA1018-XX: Mast Arm Adapter Kit</p> <p>VA1074-XX: ICM Structural Mount Wall Mount²² Arm</p> <p>VA1033-XX: Single-arm Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1034-XX: 2@180 Degree Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1035-XX: 3@120 Degree Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1036-XX: 4@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1037-XX: 2@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1038-XX: 3@90 Degree Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1039-XX: 2@120 Degree Tenon Adapter for 2 3/8" O.D. Tenon</p> <p>VA1040-XX: Single-arm Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>VA1041-XX: 2@180 Degree Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>VA1042-XX: 3@120 Degree Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>VA1043-XX: 4@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>VA1044-XX: 2@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>VA1045-XX: 3@90 Degree Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>VA1046-XX: 2@120 Degree Tenon Adapter for 3 1/2" O.D. Tenon</p> <p>OA/RA1016: NEMA Photocontrol - Multi-Tap</p> <p>OA/RA1027: NEMA Photocontrol - 480V</p> <p>OA/RA1201: NEMA Photocontrol - 347V</p>
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- Notes:
- 1 Arm not included. See accessories.
 - 2 All HID lamps are mogul-base.
 - 3 320W and 350W Pulse Start Metal Halide lamps only.
 - 4 400W Metal Halide requires reduced envelope ED28 lamp.
 - 5 Dual Compact Fluorescent lamp options available in Type 4S distribution only.
 - 6 Compact Fluorescent ballasts contain internal fusing. No supplemental fusing is necessary. CF ballasts are 120 through 277V. Specify with UNV voltage designation.
 - 7 Products also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information.
 - 8 Dual-tap is 120/277V wired 277V.
 - 9 Multi-tap is 120/208/240/277V wired 277V.
 - 10 Triple-tap is 120/277/347V wired 347V.
 - 11 Custom and RAL color matching available upon request. Consult your INVUE Lighting Systems Representative for further information.
 - 12 Add as suffix in the order shown.
 - 13 Square pole mount structural options do not include arm assembly (See Accessories). Compatible with VA1014 linear arm only.
 - 14 Round pole mount structural options do not include arm assembly (See Accessories). Compatible with VA1015 linear arm only.
 - 15 Wall mount structural options do not include arm assembly (See Accessories). Compatible with VA1074 linear arm only.
 - 16 Quartz options not available with SL optic.
 - 17 NEMA photocell receptacle not available in conjunction with structural options.
 - 18 Dual switching requires dual 57W or dual 70W Compact Fluorescent lamps. Allows independent switching control of each lamp through use of two (2) electronic ballasts. Allows 50% power reduction when dual ballasts are independently wired and controlled.
 - 19 House side shield not available on 5S and SL optics.
 - 20 Order separately, replace XX with color suffix.
 - 21 For use in down lighting applications only.
 - 22 Includes arm only. Must specify WRCP or WRCS in fixture ordering logic. Down light only.

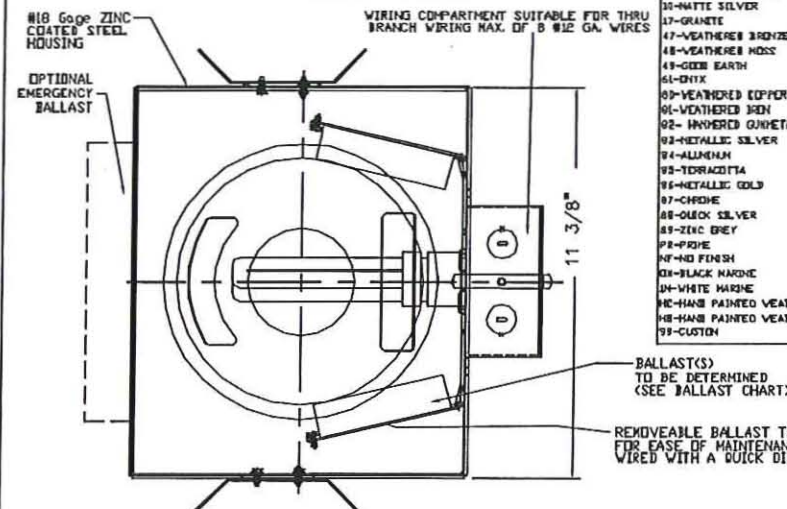
DRILLING PATTERNS



MOUNTING VARIATIONS



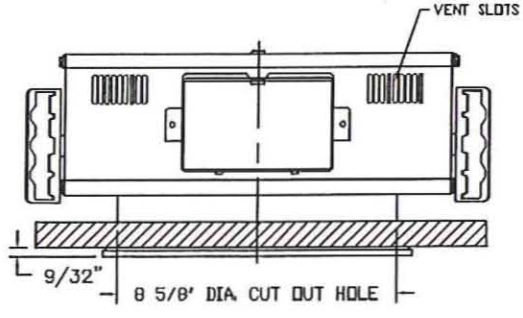
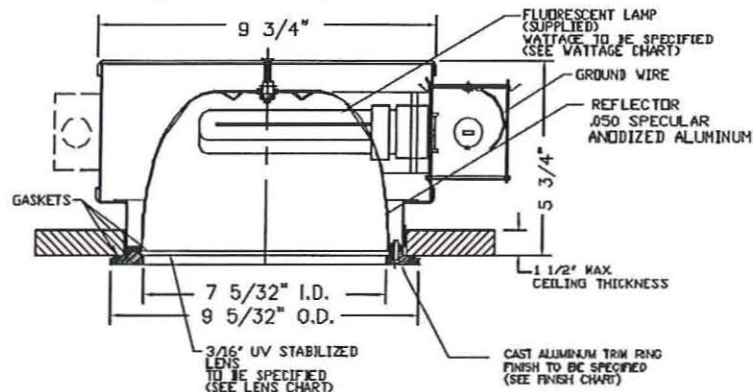
SERIES	LAMP TYPE	VATTAGE	BODY	FINISH	GRILL	BALLAST	LENS	OPTION
XXX	X	XX	X	XX	X	X	X	XX
RDL DOWNLIGHTS	7-INC 8-FLUORESCENT	03-2x42V QUAD 8700K 04-2x42V QUAD 3500K 07-2x48V QUAD 8700K 08-2x48V QUAD 3500K 02-2x26V QUAD 2700K 03-2x26V QUAD 3500K 10-3EW FLT/1TRIPLE 2700K 10-3EW FLT/1TRIPLE 3500K	4-FULLY RECESSED WITH HANGER BAR BRACKETS	00-SEMI GLOSS BLACK 01-SEMI GLOSS WHITE 02-BLACK SUEDE 03-GRAY 04-BRONZE 05-MATTED BRONZE 07-MATTED COPPER 10-MATTE SILVER 17-GRANITE 17-WEATHERED BRONZE 18-WEATHERED BRONZE 19-GOLD LEAF 21-CHALK 22-WEATHERED COPPER 23-WEATHERED IRON 24-MATTED GUNMETAL 25-METALLIC SILVER 26-ALUMINUM 28-TERRAZZITA 29-METALLIC GOLD 30-CHROME 31-CHROME SILVER 32-ZINC DREY 33-PROBE 34-NO FINISH 35-BLACK MARINE 36-WHITE MARINE 37-HAND PAINTED WEATHERED COPPER 38-HAND PAINTED WEATHERED BRONZE 39-CUSTOM	X 0-NONE	X C-120-277V ELECT. 2-247V ELECT.	X C-CLEAR X-IPAL 0-CLEAR PRISMATIC 1-TINTED GLASS F-LEAK PROOF (EXPLAT)	XX 0-NONE 1-EMERGENCY 2-2 CIRCUIT WIRING 4-ENERGYSAVING 5-FCR FILING 8-NEW STANDARD SCREWS 9-BLACK BRASS SCREWS 5-SPANNER HEAD SCREWS



RDL-8-G2/E8
Type F
Findorff Yards

BALLAST(S)
TO BE DETERMINED
(SEE BALLAST CHART)

REMOVEABLE BALLAST TRAY
FOR EASE OF MAINTENANCE
WIRED WITH A QUICK DISCONNECT



NOTE:
1. IT IS THE CONTRACTORS RESPONSIBILITY TO
SUPPLY AND INSTALL SUITABLE MOUNTING METHOD

	Specification Sheet	
	ROUND DOWNLIGHT	
	FULLY RECESSED	
	RDL-4-0	
Drawn By: M.D.	Disc: 8-21-02	
Sheet 1 OF 1	Scale: 1:4	
Des. No. RDL-S001		

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DESCRIPTION

Westwood 912 and 912-2 are ultra-compact wall fixtures for use with line voltage PAR20 halogen lamps. Model 912 provides downlight or uplight. Model 912-2 provides combination uplight and downlight. Both models mount over a standard 4" J-box and connect directly to 120V line voltage. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects.

Catalog #	912-2-50PAR20-120-NFL	Type	G
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Material

Housing and hood are precision-machined from corrosion-resistant 6061-T6 aluminum billet, brass or copper. Mounting canopy is constructed from corrosion-resistant silicone aluminum, brass or copper.

B ... Finish Painted

Fixtures constructed from 6061-T6 aluminum are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Brass or Copper Fixtures constructed from brass or copper are left unpainted to reveal the natural beauty of the material and will patina naturally over time.

C ... Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water collection on the uplight position.

D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

F ... Mounting

Both models mount over a standard 4" J-box and connect directly to 120V line voltage. Model 912 provides downlight or uplight. Model 912-2 provides non-adjustable uplight and downlight.

G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

H ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and medium base.

I ... Electrical

Operates with 120V line voltage.

J ... Lamp

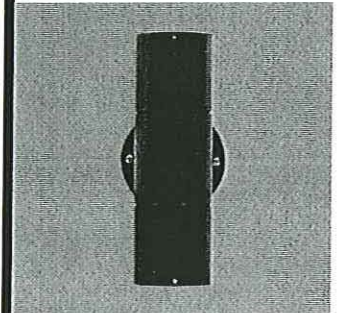
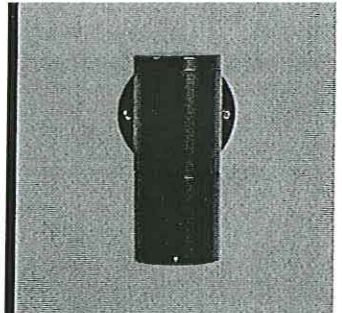
Not included. Available from Lumière as an accessory - see reverse side of this page.

K ... Labels & Approvals

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

L ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



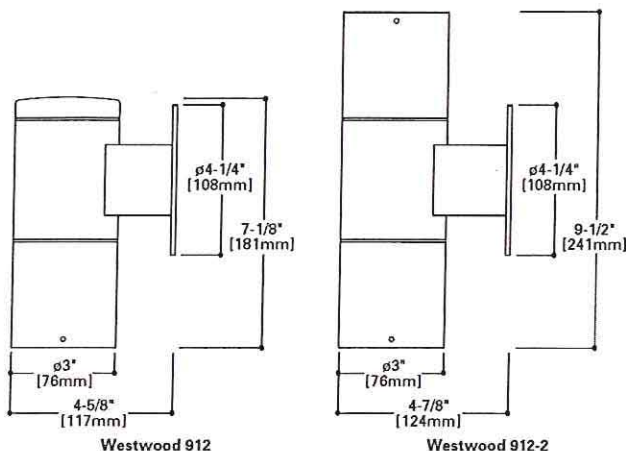
WESTWOOD

912
912-2

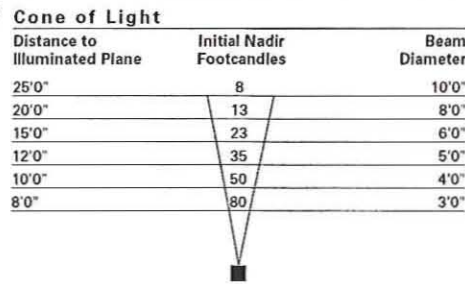
50W (max.) PAR20
Halogen
Line Voltage

Wall

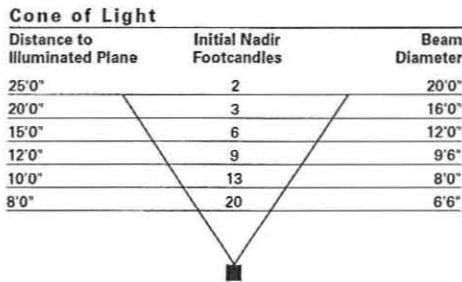
IP65



Westwood 912/912-2
Lamp=50PAR20/NSP
CBCP=5000



Westwood 912/912-2
Lamp=50PAR20/NFL
CBCP=1400



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50PAR20/NSP	---	50	10°	5000	---	2000	medium	120
50PAR20/NFL	---	50	30°	1400	---	2000	medium	120

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

ORDERING INFORMATION

Sample Number: 912-2-50PAR20-120-NCP

912	2	50PAR20	120	NFL
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Series
912: PAR20 Halogen Up/Down Westwood Wall Fixture

Source
50PAR20: 50W Max Halogen PAR20, Medium Base

Lamp Head Quantity
: One Lamp Head
2: Two Lamp Heads

Voltage
120: 120V

Finish
Painted
BK: Black
BZ: Bronze
CS: City Silver
VE: Verde
WT: White
Metal
NBR: Brass
NCP: Copper

Accessories

Filters

- F71-20: Peach Dichroic Filter, 2.50" Dia
- F73-20: Green Dichroic Filter, 2.50" Dia
- F75-20: Yellow Dichroic Filter, 2.50" Dia
- F77-20: Dark Blue Dichroic Filter, 2.50" Dia
- F79-20: Neutral Density Dichroic Filter, 2.50" Dia
- F22-20: Red Color Filter, 2.50" Dia
- F44-20: Green Color Filter, 2.50" Dia
- F66-20: Mercury Vapor Color Filter, 2.50" Dia

- F72-20: Amber Dichroic Filter, 2.50" Dia
- F74-20: Medium Blue Dichroic Filter, 2.50" Dia
- F76-20: Red Dichroic Filter, 2.50" Dia
- F78-20: Light Blue Dichroic Filter, 2.50" Dia
- F80-20: Magenta Dichroic Filter, 2.50" Dia
- F33-20: Blue Color Filter, 2.50" Dia
- F55-20: Yellow Color Filter, 2.50" Dia

Optical Lenses

- LSL-20: Linear Spread Lens (elongate standard beam spread), 2.50" Dia
- DIF-20: Diffused Lens (provide even illumination), 2.50" Dia

- OSL-20: Overall Spread Lens (increase beam spread), 2.50" Dia

Optical Louver

- LVR-20: Hex Cell Louver (reduce glare), 2.50" Dia

Lamps

- HP2035-NSP: 35W PAR20 Halogen Narrow Spot, Medium Base
- HP2050-NSP: 50W PAR20 Halogen Narrow Spot, Medium Base
- HP2050-NFL: 50W PAR20 Halogen Narrow Flood, Medium Base

- HP2035-NFL: 35W PAR20 Halogen Narrow Flood, Medium Base
- HP2050-SP: 50W PAR20 Halogen Spot, Medium Base

- Notes:
- Lamp not included.
 - Consult your Cooper Lighting representative for additional options and finishes.

NFL= Narrow Flood Lamp

DESCRIPTION

Westwood 912 and 912-2 are ultra-compact wall fixtures for use with line voltage PAR20 halogen lamps. Model 912 provides downlight or uplight. Model 912-2 provides combination uplight and downlight. Both models mount over a standard 4" J-box and connect directly to 120V line voltage. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects.

Catalog #	912-50PAR20-120-NFL	Type	G1
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Material

Housing and hood are precision-machined from corrosion-resistant 6061-T6 aluminum billet, brass or copper. Mounting canopy is constructed from corrosion-resistant silicone aluminum, brass or copper.

B ... Finish Painted

Fixtures constructed from 6061-T6 aluminum are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Brass or Copper Fixtures constructed from brass or copper are left unpainted to reveal the natural beauty of the material and will patina naturally over time.

C ... Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water collection on the uplight position.

D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

F ... Mounting

Both models mount over a standard 4" J-box and connect directly to 120V line voltage. Model 912 provides downlight or uplight. Model 912-2 provides non-adjustable uplight and downlight.

G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

H ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and medium base.

I ... Electrical

Operates with 120V line voltage.

J ... Lamp

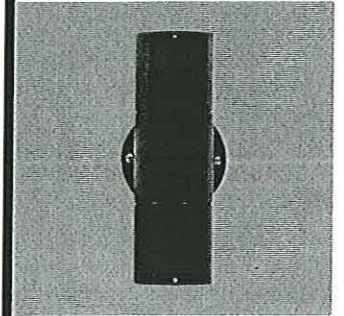
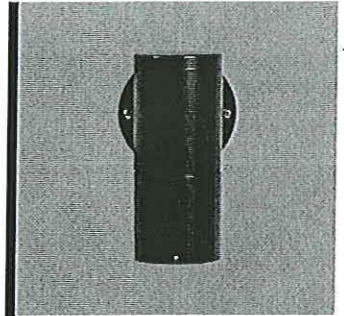
Not included. Available from Lumière as an accessory - see reverse side of this page.

K ... Labels & Approvals

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

L ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



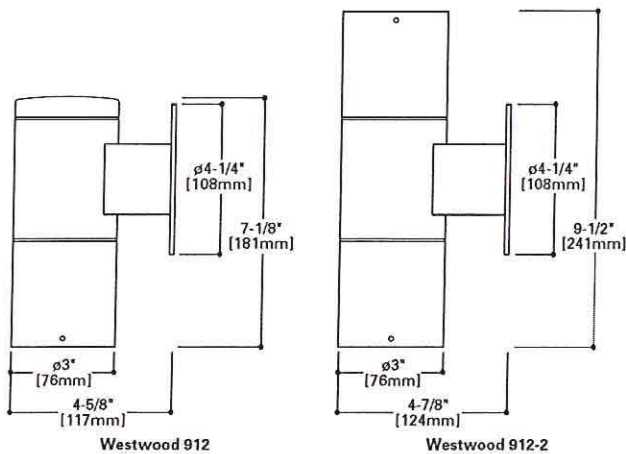
WESTWOOD

912
912-2

50W (max.) PAR20
Halogen
Line Voltage

Wall

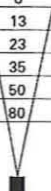
IP65



Westwood 912/912-2
Lamp=50PAR20/NSP
CBCP=5000

Cone of Light

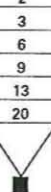
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	8	10'0"
20'0"	13	8'0"
15'0"	23	6'0"
12'0"	35	5'0"
10'0"	50	4'0"
8'0"	80	3'0"



Westwood 912/912-2
Lamp=50PAR20/NFL
CBCP=1400

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	2	20'0"
20'0"	3	16'0"
15'0"	6	12'0"
12'0"	9	9'6"
10'0"	13	8'0"
8'0"	20	6'6"



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50PAR20/NSP	---	50	10°	5000	---	2000	medium	120
50PAR20/NFL	---	50	30°	1400	---	2000	medium	120

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

ORDERING INFORMATION

Sample Number: 912-2-50PAR20-120-NCP

912	50PAR20	120	NFL
-----	---------	-----	-----

Series
912: PAR20 Halogen Up/Down
Westwood Wall Fixture

Source
50PAR20: 50W Max Halogen
PAR20, Medium Base

Lamp Head Quantity
= One Lamp Head
2: Two Lamp Heads

Voltage
120: 120V

Finish
Painted
BK: Black
BZ: Bronze
CS: City Silver
VE: Verde
WT: White
Metal
NBR: Brass
NCP: Copper

Accessories

Filters

- F71-20: Peach Dichroic Filter, 2.50" Dia
- F73-20: Green Dichroic Filter, 2.50" Dia
- F75-20: Yellow Dichroic Filter, 2.50" Dia
- F77-20: Dark Blue Dichroic Filter, 2.50" Dia
- F79-20: Neutral Density Dichroic Filter, 2.50" Dia
- F22-20: Red Color Filter, 2.50" Dia
- F44-20: Green Color Filter, 2.50" Dia
- F66-20: Mercury Vapor Color Filter, 2.50" Dia

- F72-20: Amber Dichroic Filter, 2.50" Dia
- F74-20: Medium Blue Dichroic Filter, 2.50" Dia
- F76-20: Red Dichroic Filter, 2.50" Dia
- F78-20: Light Blue Dichroic Filter, 2.50" Dia
- F80-20: Magenta Dichroic Filter, 2.50" Dia
- F33-20: Blue Color Filter, 2.50" Dia
- F55-20: Yellow Color Filter, 2.50" Dia

Optical Lenses

- LSL-20: Linear Spread Lens (elongate standard beam spread), 2.50" Dia
- DIF-20: Diffused Lens (provide even illumination), 2.50" Dia

- OSL-20: Overall Spread Lens (increase beam spread), 2.50" Dia

Optical Louver

- LVR-20: Hex Cell Louver (reduce glare), 2.50" Dia

Lamps

- HP2035-NSP: 35W PAR20 Halogen Narrow Spot, Medium Base
- HP2050-NSP: 50W PAR20 Halogen Narrow Spot, Medium Base
- HP2050-NFL: 50W PAR20 Halogen Narrow Flood, Medium Base

- HP2035-NFL: 35W PAR20 Halogen Narrow Flood, Medium Base
- HP2050-SP: 50W PAR20 Halogen Spot, Medium Base

Notes: • Lamp not included.
• Consult your Cooper Lighting representative for additional options and finishes.

NFL= Narrow Flood Lamp

DESCRIPTION

The SOLAS (TM) Series family of modular faceplate designs provide a tasteful architectural statement equally suitable for indoor and outdoor environments. Available solid stainless and copper faceplate covers add a premium look to flush faceplate fixtures. SOLAS (TM) Series luminaires are for recessed wall mounted applications only.

Catalog #	SQF42CFFR	Type	H
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Housing

One piece die-cast aluminum construction for precise tolerance control and repeatability in manufacturing. Silicone wireway plug on housing back wall seals incoming electrical leads to prevent moisture and dust entry.

B ... Faceplate

One piece die-cast aluminum faceplate utilizes a continuous silicone gasket to seal securely to housing. Available in two different light distribution arrangements; flush and scoop with cutoff control. Faceplate is mounted with two (2) and four (4) point screws. All SOLAS (TM) Series faceplates are ADA compliant.

C ... Optical System

High efficiency optical system constructed of premium 95% reflective anodized aluminum sheet. Optical segments are rigidly mounted inside a heavy wall aluminum housing for superior protection.

D ... Electrical Components

Ballast and related electrical componentry are connected to a removable power tray for ease of maintenance. Conduit splice box provides six (6) 3/4" NPS hubs for supply connection.

E ... Mounting

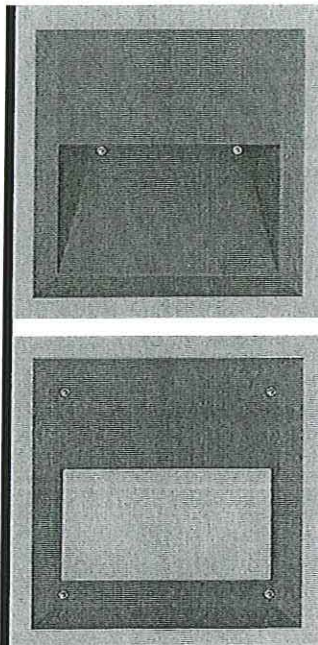
Available for indoor and outdoor applications utilizing drywall, OSB, concrete pour and brick/masonry. Back housing is ordered per appropriate mounting material type; combustible materials such as drywall or non-combustible materials such as concrete or masonry brick. Faceplates mount to an installed recessed back housing and protrudes 1/2" or less from mounting surfaces. Maximum depth back housing protrudes into wall is 5 3/4".

F ... Finish

Housing finished in a 5 stage premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic. RAL and custom color matches available. Consult your INVUE Lighting Systems Representative for more information.

G ... Decorative Covers

Available on flush faceplates only. Available in stainless steel or pure copper and comes with vertically brushed finish. Stainless steel cover has a natural finish. Copper cover is finished with laquer to resist immediate corrosion prior to installation. Copper will weather naturally to a patina finish.



Certifications

IP66 Rated	U.L. 1598	ADA Compliant	CO Cutoff
CSA Listed	25° C Rated	ISO 9001	

NOTE: Recessed wall mount only.

Wattage Table

	SQS SQF
Metal Halide ED-17	50, 70, 100W
High Pressure Sodium	35, 50, 70W
Metal Halide T6	39, 70W
Compact Fluorescent	26, 32, 42, 57, 60W
Dual Compact Fluorescent	(2) 26, (2) 32, (2) 42, W
LED High Output	18W

Shipping Data

	SQS SQF
BACK HOUSING	
Net. Weight (lbs.)	8.5 8.5
Volume (cu. ft.)	0.85 0.85
FACEPLATE + POWER TRAY	
Net. Weight (lbs.)	13.0 12.0
Volume (cu. ft.)	0.85 0.85

NOTE: The above are approximate weights and volumes.

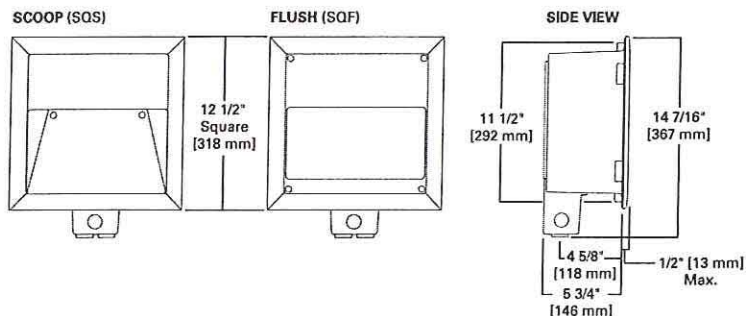
SQS/SQF SOLAS SERIES SQUARE

18-100W

Metal Halide
High Pressure Sodium
Compact Fluorescent
LED

ARCHITECTURAL
RECESSED LOW-LEVEL
WALL LUMINAIRE

DIMENSIONS



**DARK SKY
COMPLIANT** CO
Cutoff

NOTE: With Scoop faceplate configurations in downlighting applications only.

ORDERING INFORMATION

Sample Number: SQS-D-70-MH-DT-MB-FR-BK

SQF	42	CF				FR	
-----	----	----	--	--	--	----	--

Product Family
SQS: SOLAS Series¹
 Square Scoop
SQF: SOLAS Series Square
 Flush
Wall Type
D: Dry Wall³
C: Concrete Pour
M: Masonry Wall

Lamp Wattage
HID⁴
 35: 35W⁵
 50: 50W
 70: 70W
 100: 100W⁶
HID T6 Lamps
 39: 39W
 70: 70W
Compact Fluorescent⁷
 26: 26W
 32: 32W
 42: 42W
 52: (2) 26W
 57: 57W⁸
 60: 60W⁹
 64: (2) 32W
 84: (2) 42W¹⁰
LED H.O.
 18: 18W

Lamp Type
MH: Metal Halide
HPS: High Pressure Sodium
MHT6: Metal Halide T6
CF: Compact Fluorescent⁷
LEDRD: LED Red Lamps¹¹
LEDBL: LED Blue Lamps¹¹
LEDGN: LED Green Lamps¹¹
LEDOR: LED Orange Lamps¹¹
LEDCN: LED Cyan Lamps¹¹
LEDWH: LED White Lamps¹¹
Voltage¹²
 120: 120V
 208: 208V
 240: 240V
 277: 277V
 347: 347V
 480: 480V
DT: Dual-Tap wired 277V^{13, 14}
MT: Multi-Tap wired 277V¹⁵
TT: Triple-Tap wired 347V¹⁶
UNV: 120-277V Universal
 Electronic Ballast

Ballast
MB: Magnetic Ballast
EB: Electronic Ballast¹⁷
Lens Type
Scoop Faceplate
FR: Frosted Flat Glass
Flush Faceplate
FR: Frosted Flat Glass
SL: Clear Prismatic Spread
 Lens
PC: Polycarbonate Lens,¹⁸
 Translucent White
Color¹⁹
BK: Black
AP: Grey
BZ: Bronze
WH: White
DP: Dark Platinum
GM: Graphite Metallic

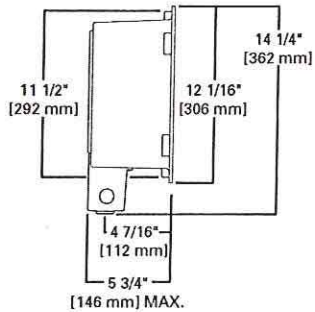
Options²⁰
F: Single Fuse (120, 277 or 347V) Specify²¹
 Voltage
FF: Double Fuse (208, 240 or 480V) Specify²¹
 Voltage
TP: Tamper Proof Hardware (TORX™ Center Pin
 Reject)
CF/EM: Emergency Battery Pack²²
EM/SC: Quartz Emergency Separate Circuit²³
L: Lamp Included
Accessories²⁴
LED RD/RK: Red LED Lamp Replacement Kit
LED BL/RK: Blue LED Lamp Replacement Kit
LED GN/RK: Green LED Lamp Replacement Kit
LED OR/RK: Orange LED Lamp Replacement Kit
LED CN/RK: Cyan LED Lamp Replacement Kit
LED WH/RK: White LED Lamp Replacement Kit
SSSFC: Stainless Steel Square Flush Cover (used only²⁵
 with SQF faceplate)
CUSFC: Copper Square Flush Cover (used only with²⁶, 25
 SQF faceplate)

- Notes:**
- Inverted (upright) mount units available in scoop faceplate only, 70W or less with Magnetic Ballast *MB* only.
 - If insulation material is used, it must be kept minimum 3" away from luminaire on all sides.
 - All HID units for drywall or combustible applications will require a dual- or multi-tap magnetic ballast allowing use of insulation detector as required by Code. CF units have built in thermal protection; insulation detector will be taken out of circuit.
 - All HID ED-17 lamps are medium-base.
 - 35W HPS available in 120V only.
 - 100W Metal Halide available only in "C" Concrete Pour and "M" Masonry Wall Scoop faceplate units.
 - CF lamps use electronic ballast 120-277V (UNV) only.
 - Nominal M.O.L lamp length of 57W CFL not to exceed 7".
 - 60W PLH lamp, 2G8 base.
 - Not available in scoop faceplate.
 - Available with electronic ballast, 120V only.
 - Products also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information.
 - Dual-tap is 120/277V wired 277V.
 - Not available in 70W MH Med base M99 lamp.
 - Multi-tap is 120/208/240/277V wired 277V.
 - Triple-tap is 120/277/347V wired 347V.
 - Available in 50W MH or less, 120-277V universal voltage, not available with HID units in Dry Wall (D) applications. *EB* standard on all Compact Fluorescent.
 - Available only on flush faceplate 70W HID max., 84W compact fluorescent max.
 - Custom and RAL color matching available upon request. Consult your INVUE Lighting Systems Representative for further information.
 - Add as suffix in the order shown.
 - Available on 50W or less only. Not available with CF/EM.
 - Rated minimum operating temperature of 32°F (0°C). CF lamps only, (1) 42W maximum wired in emergency. When 2 lamp, both lamps wired in emergency (2) 26W maximum. Available in scoop faceplate only. Not available with 57/60W Compact Fluorescent.
 - For use only with 39W T6 Metal Halide lamp. Backup lamp is Halogen 120V T4, G9 base 40W maximum.
 - Tamper Proof Hardware (TP) not available with decorative covers.
 - Copper cover supplied with baked lacquer finish to maintain finish prior to installation. Over time copper will weather to a natural patina finish.

ORDERING INFORMATION (Back Housing - Must be ordered separately)

SAMPLE NUMBER: SQBH-D

SQBH -
Product Family
SQBH=SOLAS Series
 Square Back
 Housing
Wall Type
D=Dry Wall^{2,3}
CM=Concrete Pour
 or Masonry Wall



DESCRIPTION

The Boca 613 is a tiny 4-1/2" diameter inground fixture for use with a low voltage MR16 lamp. The adjustable lamp assembly provides up to 22° vertical tilt and 360° horizontal rotation for precision uplighting, wall washing or general illumination in constricted areas. Designed for recess mounting in concrete, brick, stone or dirt it is suitable drive-over applications.

Catalog #	613-50MR16-12-XX	Type	K
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Material

Recessed housing is constructed from corrosion-resistant stainless steel. Trim ring is precision-machined from corrosion-resistant 6061-T6 aluminum, solid brass or solid bronze.

B ... Finish Painted

Solid brass and stainless steel parts are natural finish. Painted surfaces are double protected by a chromate conversion undercoating and a thermoplastic polyester powder coat for mar-resistance and extended weatherability.

C ... Gasket

Recessed housing and trim ring are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

D ... Lens

Minimum 1/4" thick tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock. Suitable for drive-over applications.

E ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

F ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and GU5.3 bi-pin base.

G ... Electrical

Remote 12V transformer required (not included). Available from Lumière as an accessory - see the Accessories & Technical Data section of this catalog for details. Bottom of fixture includes two 1/2-14 NPSM brass female conduit fittings for through wiring. Fixture also includes built-in wiring compartment.

H ... Thermal Cutoff Protection (Optional)

Fixture is suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when equipped with option T (changes UL/cUL wet label to damp label), and down-wattted to 35W (max.), and connected with 150° C (min.) supply wire. Fixture is not suitable for inground or concrete pour applications when equipped with option T.

I ... Lamp

Not included. Available from Lumière as an accessory - see reverse side of this page.

J ... Labels & Approvals

UL and cUL listed, standard wet label. Fixtures equipped with option T (thermal cutoff protection) are UL/cUL listed, damp label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

K ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

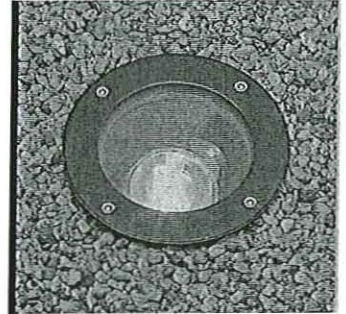
L ... Recessed Housing

Recessed housing is available to ship in advance of complete fixture for rough-in purposes. Specify option -LBB and order separately accompanying recessed housing from below:

613-xx-BB
recessed housing;

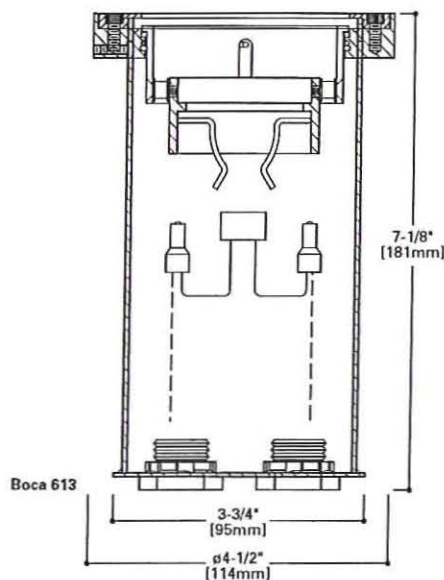
613-xx-T-BB
recessed housing w/T option;

NOTE: replace xx with desired finish- BK, BZ, CS, VE, WT, NBR, or NBZ



**BOCA
613**

**50W (max.) MR16
Halogen
Low Voltage
Inground**



Boca 613
Lamp=50MR16/NSP
(EXT)
CBCP=11,000

Cone of Light		
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	45	4'0"
10'0"	102	3'0"
8'0"	159	2'0"
6'0"	283	1'6"
4'0"	638	1'0"
2'0"	2550	0'6"

Lamp Wattage Multiplier
20W x 0.32



Boca 613
Lamp=50MR16/NFL
(EXZ)
CBCP=3200

Cone of Light		
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	13	10'0"
10'0"	29	6'6"
8'0"	45	5'0"
6'0"	81	4'0"
4'0"	181	2'6"
2'0"	725	1'0"

Boca 613
Lamp=50MR16/FL
(EXN)
CBCP=2000

Cone of Light		
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	7	12'0"
10'0"	17	8'0"
8'0"	27	6'6"
6'0"	48	5'0"
4'0"	106	3'0"
2'0"	431	1'6"

Lamp Wattage Multiplier
20W x 0.30
35W x 0.57



Boca 613
Lamp=50MR16/WFL
(FNV)
CBCP=1200

Cone of Light		
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	5	17'0"
10'0"	11	11'6"
8'0"	17	9'0"
6'0"	30	7'0"
4'0"	67	4'6"
2'0"	269	2'0"

LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50MR16/NSP	EXT	50	12°	11,000	3050	4000	GU5.3 bi-pin	12
50MR16/NFL	EXZ	50	25°	3200	3050	4000	GU5.3 bi-pin	12
50MR16/FL	EXN	50	40°	2000	3050	4000	GU5.3 bi-pin	12
50MR16/WFL	FNV	50	60°	1200	3050	4000	GU5.3 bi-pin	12
35MR16/SP	FRA	35	20°	3900	3000	4000	GU5.3 bi-pin	12
35MR16/FL	FMW	35	40°	1000	3000	4000	GU5.3 bi-pin	12

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

ORDERING INFORMATION

Sample Number: 613-35MR16-12-NBZ-T

613	50MR16	12	XX			
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Series
613: 4-1/2" Dia Adjustable 22° Vertical Tilt 360° Horizontal Rotation Boca Inground

Source
Halogen
35MR16: 35W Max Halogen 1 MR16, GU5.3 Base
50MR16: 50W Max Halogen MR16, GU5.3 Base

Voltage
12: 12V

Finish
Painted
BK: Black
BZ: Bronze
CS: City Silver

Metal
VE: Verde
WT: White
NBR: Brass
NBZ: Bronze

Options
T: Thermally rated for use in non-IC² wood flooring (changes UL/CUL wet label to damp label)
LBB: Housing Shipped in Advance (select LBB option and order recessed housing separately)

Recessed Housing (order separately)
Select housing from Recessed Housing section on previous page

Accessories

- Filters**
- F71: Peach Dichroic Filter, 2.00" Dia
 - F73: Green Dichroic Filter, 2.00" Dia
 - F75: Yellow Dichroic Filter, 2.00" Dia
 - F77: Dark Blue Dichroic Filter, 2.00" Dia
 - F79: Neutral Density Dichroic Filter, 2.00" Dia
 - F22: Red Color Filter, 2.00" Dia
 - F44: Green Color Filter, 2.00" Dia
 - F66: Mercury Vapor Color Filter, 2.00" Dia
 - F72: Amber Dichroic Filter, 2.00" Dia
 - F74: Medium Blue Dichroic Filter, 2.00" Dia
 - F76: Red Dichroic Filter, 2.00" Dia
 - F78: Light Blue Dichroic Filter, 2.00" Dia
 - F80: Magenta Dichroic Filter, 2.00" Dia
 - F33: Blue Color Filter, 2.00" Dia
 - F55: Yellow Color Filter, 2.00" Dia

- Optical Lenses**
- LSL: Linear Spread Lens (elongate standard beam spread), 2.00" Dia
 - DIF: Diffused Lens (provide even illumination), 2.00" Dia

- Optical Louver**
- LVR: Hex Cell Louver (reduce glare), 2.00" Dia

- Lamps**
- ESX: 20W MR16 GU5.3 Bi-Pin Narrow Spot
 - FRB: 35W MR16 GU5.3 Bi-Pin Narrow Spot
 - FMW: 35W MR16 GU5.3 Bi-Pin Flood
 - EXZ: 20W MR16 GU5.3 Bi-Pin Very Narrow Spot
 - BAB: 20W MR16 GU5.3 Bi-Pin Flood
 - FRA: 35W MR16 GU5.3 Bi-Pin Spot

- Notes: 1 Use with T Option.
2 Available with 35MR16 Source (35W maximum) only.
- Lamp not included.
 - 12V remote transformer required - not included.
 - See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Low Voltage Cable & Transformers.
 - Consult your Cooper Lighting representative for additional options and finishes.

DESCRIPTION

Cambria 922 is an ultra-compact MR16 low voltage sign lighting fixture. It attaches to a wall mounted straight arm and delivers full vertical adjustment for easy aiming. Optional 24", 30" or 36" straight arms are available in lieu of the standard arm. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

Catalog #	922-50MR16-12-NFL	Type	L
Project	Findorff Yards	Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Material

Housing, hood, straight arm and wall mounting plate are precision-machined from corrosion-resistant 6061-T6 aluminum.

B ... Finish

Fixtures are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

C ... Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water and mineral stains from collecting on the lens, even in the straight-up position.

D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

F ... Adjustable Mounting Arm

Standard 14-3/8" straight arm with adjustable side swivel provides 340° of vertical adjustment for easy aiming. Center rear swivel also available. Optional 24", 30" or 36" straight arms are available in lieu of standard 14-3/8" arm (specify option -SA24, -SA30 or -SA36). Stainless steel aim-locking mechanisms are standard. 4-1/4" diameter wall mounting plate attaches directly to standard J-box with screws provided. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

H ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and GU5.3 bi-pin base.

I ... Electrical

Remote 12V transformer required (not included). Available from Lumière as an accessory - see the Accessories & Technical Data section of this catalog for details.

J ... Lamp

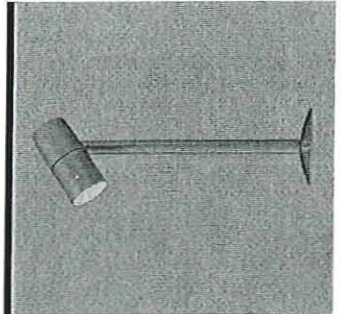
Not included. Available from Lumière as an accessory - see reverse side of this page.

K ... Labels & Approvals

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

L ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

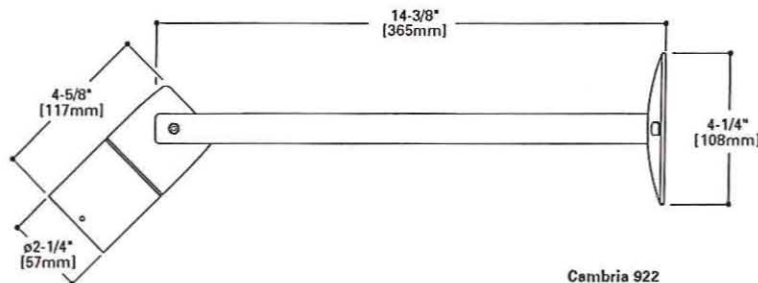
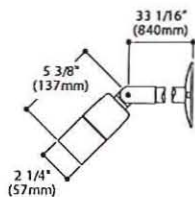


CAMBRIA

922

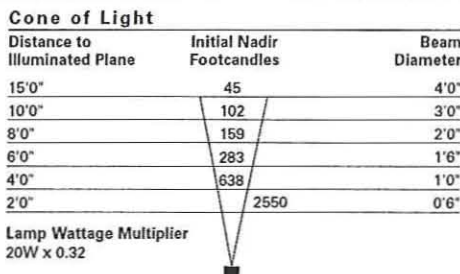
50W (max.) MR16
Halogen
Low Voltage

Sign Light

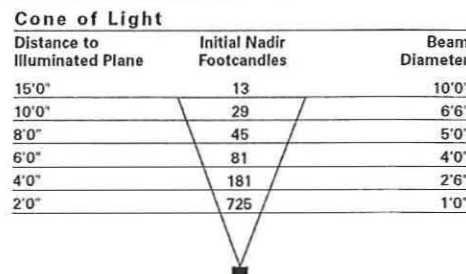


Cambria 922

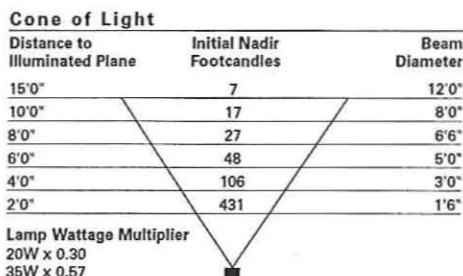
Cambria 922
Lamp=50MR16/NSP
(EXT)
CBCP=11,000



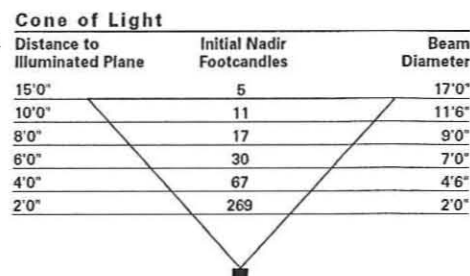
Cambria 922
Lamp=50MR16/NFL
(EXZ)
CBCP=3200



Cambria 922
Lamp=50MR16/FL
(EXN)
CBCP=2000



Cambria 922
Lamp=50MR16/WFL
(FNV)
CBCP=1200



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50MR16/NSP	EXT	50	12°	11,000	3050	4000	GU5.3 bi-pin	12
50MR16/NFL	EXZ	50	25°	3200	3050	4000	GU5.3 bi-pin	12
50MR16/FL	EXN	50	40°	2000	3050	4000	GU5.3 bi-pin	12
50MR16/WFL	FNV	50	60°	1200	3050	4000	GU5.3 bi-pin	12

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

ORDERING INFORMATION

Sample Number: 922-CRS-50MR16-12-BK

922		50MR16	12			NFL
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Series
922: Side-Mounted Swivel Stem, Standard 14" Straight Arm, MR16 Cambria Sign Light

Voltage
12: 12V

Options
SA24: 24" Straight Arm
SA30: 30" Straight Arm
SA36: 36" Straight Arm

Accessories

Filters

- F71: Peach Dichroic Filter, 2.00" Dia
- F73: Green Dichroic Filter, 2.00" Dia
- F75: Yellow Dichroic Filter, 2.00" Dia
- F77: Dark Blue Dichroic Filter, 2.00" Dia
- F79: Neutral Density Dichroic Filter, 2.00" Dia
- F22: Red Color Filter, 2.00" Dia
- F44: Green Color Filter, 2.00" Dia
- F66: Mercury Vapor Color Filter, 2.00" Dia

- F72: Amber Dichroic Filter, 2.00" Dia
- F74: Medium Blue Dichroic Filter, 2.00" Dia
- F76: Red Dichroic Filter, 2.00" Dia
- F78: Light Blue Dichroic Filter, 2.00" Dia
- F80: Magenta Dichroic Filter, 2.00" Dia
- F33: Blue Color Filter, 2.00" Dia
- F55: Yellow Color Filter, 2.00" Dia

Construction
_ : Standard Side Swivel Stem, 1/2" NPS
CRS: Center Rear Swivel Stem, 1/2" NPS

Finish
Painted
BK: Black
BZ: Bronze
CS: City Silver
VE: Verde
WT: White

Optical Lenses

- LSL: Linear Spread Lens (elongate standard beam spread), 2.00" Dia
- DIF: Diffused Lens (provide even illumination), 2.00" Dia

OSL: Overall Spread Lens (increase beam spread), 2.00" Dia

Optical Louver

- LVR: Hex Cell Louver (reduce glare), 2.00" Dia

Lamps

- EZX: 20W MR16 GU5.3 Bi-Pin Very Narrow Spot
- BAB: 20W MR16 GU5.3 Bi-Pin Flood
- FRA: 35W MR16 GU5.3 Bi-Pin Spot
- EXT: 50W MR16 GU5.3 Bi-Pin Narrow Spot
- EXN: 50W MR16 GU5.3 Bi-Pin Flood

- ESX: 20W MR16 GU5.3 Bi-Pin Narrow Spot
- FRB: 35W MR16 GU5.3 Bi-Pin Narrow Spot
- FMW: 35W MR16 GU5.3 Bi-Pin Flood
- EXZ: 50W MR16 GU5.3 Bi-Pin Narrow Flood
- FNV: 50W MR16 GU5.3 Bi-Pin Very Wide Flood

- Notes:
- Lamp not included.
 - 12V remote transformer required - not included.
 - See ACCESSORIES & TECHNICAL DATA section of the Lumiere catalog for Low Voltage Cable & Transformers.
 - Consult your Cooper Lighting representative for additional options and finishes.

NFL = Narrow Flood Lamp

DESCRIPTION

Coronado 820 is a compact line voltage fixture for use with PAR20 halogen lamps. It is fully adjustable from all mounting positions and features a patented locking clutch mechanism to ensure positive fixture aiming (U.S. patents 5,713,662 and D373,437). Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

Catalog #	820-50PAR20-120-FL	Type	L1
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Comments			
Prepared by			

SPECIFICATION FEATURES

A ... Material

Hood is precision-machined from corrosion-resistant 6061-T6 aluminum billet. Housing and stem assembly are die-cast aluminum.

B ... Finish

Fixtures are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

C ... Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water and mineral stains from collecting on the lens, even in the straight-up position.

D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

F ... Mounting Stem

Mounting stem is fully adjustable from all mounting positions and features a patented locking clutch mechanism to ensure positive fixture aiming (U.S. patents 5,713,662 and D373,437). Equipped with standard 1/2" NPS threaded male fitting. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

H ... Socket

Ceramic socket with 200° C Teflon® coated lead wires and medium base.

I ... Electrical

Operates with 120V line voltage.

J ... Lamp

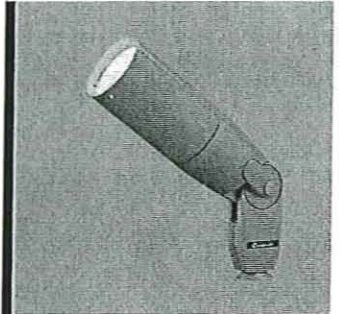
Not included. Available from Lumière as an accessory - see reverse side of this page. IMPORTANT NOTE: This fixture accepts PAR20 lamps by all major lamp manufacturers except G.E.

K ... Labels & Approvals

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

L ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



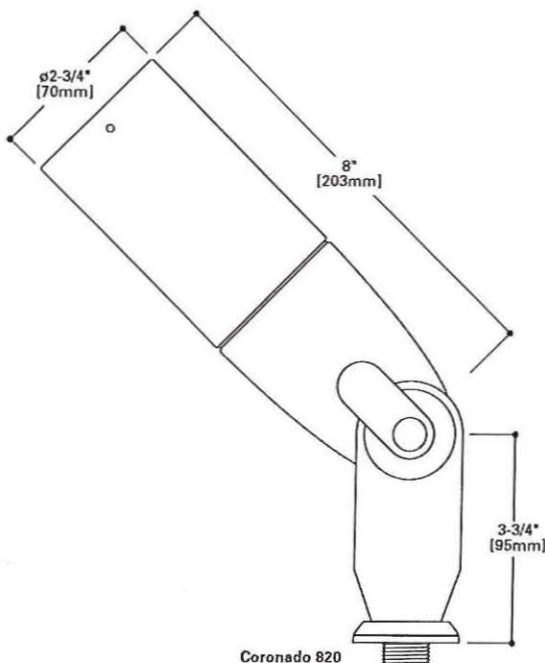
CORONADO

820

50W (max.) PAR20
Halogen
Line Voltage

Accent/Flood

IP65



Specifications and Dimensions subject to change without notice.

Consult your representative for additional options and finishes.

Coronado 820
Lamp=50PAR20/NSP
CBCP=5000

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	8	10'0"
20'0"	13	8'0"
15'0"	23	6'0"
12'0"	35	5'0"
10'0"	50	4'0"
8'0"	80	3'0"



Coronado 820
Lamp=50PAR20/NFL
CBCP=1400

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	2	20'0"
20'0"	3	16'0"
15'0"	6	12'0"
12'0"	9	9'6"
10'0"	13	8'0"
8'0"	20	6'6"



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50PAR20/NSP	---	50	10°	5000	---	2000	medium	120
50PAR20/NFL	---	50	30°	1400	---	2000	medium	120

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

ORDERING INFORMATION

Sample Number: 820-50PAR20-120-BK

820	50PAR20	120		FL
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Series
820: PAR20 Coronado w/Locking Clutch Aiming

Voltage
120: 120V

Accessories

Filters

- F71-20: Peach Dichroic Filter, 2.50" Dia
- F73-20: Green Dichroic Filter, 2.50" Dia
- F75-20: Yellow Dichroic Filter, 2.50" Dia
- F77-20: Dark Blue Dichroic Filter, 2.50" Dia
- F79-20: Neutral Density Dichroic Filter, 2.50" Dia
- F22-20: Red Color Filter, 2.50" Dia
- F44-20: Green Color Filter, 2.50" Dia
- F66-20: Mercury Vapor Color Filter, 2.50" Dia

- F72-20: Amber Dichroic Filter, 2.50" Dia
- F74-20: Medium Blue Dichroic Filter, 2.50" Dia
- F76-20: Red Dichroic Filter, 2.50" Dia
- F78-20: Light Blue Dichroic Filter, 2.50" Dia
- F80-20: Magenta Dichroic Filter, 2.50" Dia
- F33-20: Blue Color Filter, 2.50" Dia
- F55-20: Yellow Color Filter, 2.50" Dia

Source
Halogen
50PAR20: 50W Max Halogen PAR20, Medium Base

Finish
Painted
BK: Black
BZ: Bronze
CS: City Silver
VE: Verde
WT: White

Optical Lenses

- LSL-20: Linear Spread Lens (elongate standard beam spread), 2.50" Dia
- DIF-20: Diffused Lens (provide even illumination), 2.50" Dia

OSL-20: Overall Spread Lens (increase beam spread), 2.50" Dia

Optical Louver

- LVR-20: Hex Cell Louver (reduce glare), 2.50" Dia

Lamps

- HP2035-NSP: 35W PAR20 Halogen Narrow Spot, Medium Base
- HP2050-NSP: 50W PAR20 Halogen Narrow Spot, Medium Base
- HP2050-NFL: 50W PAR20 Halogen Narrow Flood, Medium Base

- HP2035-NFL: 35W PAR20 Halogen Narrow Flood, Medium Base
- HP2050-SP: 50W PAR20 Halogen Spot, Medium Base

- Notes:
- Lamp not included.
 - See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Mounting Accessories.
 - Consult your Cooper Lighting representative for additional options and finishes.
 - IMPORTANT NOTE: This fixture accepts PAR20 lamps by all major lamp manufacturers except G.E.

FL = Flood Lamp