

1. BEARING STRUCTURE (S 8° 25'30" W) BASED ON THE NORTH LINE OF HITCHCOCK S ADDITION TO THE CITY OF ALACHUA AS RECORDED IN PLAT BOOK F, PAGE 18 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA.
2. LEGAL DESCRIPTION PER OR BOOK 414, PAGE 1388 AND OR BOOK 34, PAGE 1433 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA.
3. RECORD DIMENSIONS ARE SHOWN IN PARENTHESIS () WHEN DIFFERS FROM MEASURED.
4. FLOOD PLANE CERTIFICATION ACCORDING TO THE FEMA (FEDERAL EMERGENCY MANAGEMENT AGENCY) F.I.R.M (FEDERAL INSURANCE RATE MAP), COMMUNITY OF ALACHUA COUNTY NUMBER 120 - 4, PANEL NUMBER 12001C0140, DATED 05/11/2000. THE PROPERTY IS IN FLOOD ZONE "X" THE BASE 100 YEAR FLOOD ELEVATION IS NOT DETERMINED.
5. ACCURACY STATEMENT: THE EXPECTED ACCURACY OF THE CONTROL TO ESTABLISH THE BOUNDARY OF THE SUBJECT PROPERTY IS 1:1,000. THE CLOSURE OF THE TRAVERSE FOR THIS PROJECT IS 1:1,000 ± .214.

- VERTICAL DATA**
ELEVATIONS REFER TO (NAVD 88) NORTH AMERICAN VERTICAL DATUM 11 88.
BENCHMARK REFERENCE PID AR0283 BRASS DISK IN CONCRETE STAMPED BM 1-1 5 G1
ELEVATION 11 1.2 FEET (NAVD 88).

MEASUREMENT METHODS: HORIZONTAL AND VERTICAL MEASURES MADE BY ONE OR MORE OF THE FOLLOWING INSTRUMENTS:
TOPCON INSTRUMENTS GPT-3003W, SOKKIA GRX-1 GPS INSTRUMENTS, PAL-2 LUFKIN STEEL TAPE, CST STEEL TAPE, STEEL HIGHWAY CHAIN, CST LUFKIN FIBERGLASS TAPE FOR DIMENSIONS FOR BUILDINGS.

- LINEAGE OF DATA HORIZONTAL DATA REFERENCES, DATE OF ORIGINAL PLAT.
A.) PLAT OF HITCHCOCK'S ADDITION TO THE CITY OF ALACHUA AS RECORDED IN PLAT
BOOK F, PAGE 18 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA.

10. TITLE INFORMATION PROVIDED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
AGENTS FILE REFERENCE 13-1100.2(A) DE DATED FEBRUARY 12, 2014 @ 11:00 PM SCHEDULE B-II
AGENTS FILE REFERENCE 13-1100.2(B) DE DATED FEBRUARY 12, 2014 @ 11:00 PM SCHEDULE B-II

ITEMS: 1 THROUGH 3 CONTAINS NO EASEMENTS

ITEM 4: CONVENTS, CONDITIONS AND RESTRICTION RECORDED IN OR 2428, PAGE 1111 CONTAINS EASEMENTS IN A BLANKET FORM WITH SOME EXCEPTIONS SUCH AS SOUTHERN PORTION OF THE HIATUS PROPERTY AND THE EASTERLY 12 FEET MORE OR LESS OF PARCEL C

ITEM 5: GRANT OF EASEMENT FOR INGRESS AND EGRESS OR 2000, PAGE 203, IS PLOTTED ALONG THE EAST SIDE OF PARCEL D. OR 3000, PAGE 80 DESCRIBES THE SAME AS OR 2000, PAGE 203

ITEM 6: NO EASEMENTS TO PLOT

11. THE PROPERTY IS ZONED C1 (COMMERCIAL INTENSIVE), PROVIDED BY OTHERS.
12. THERE ARE APPROXIMATELY : PARKING SPACES.
13. ALTA/ACSMS TABLE A
- 13.1. MONUMENTS AS SHOWN ON SURVEY MAP
- 13.2. AS SHOWN ON SURVEY MAP
- 13.3. SEE GENERAL NOTE 4 THIS PAGE
- 13.4. SHOWN ON SURVEY MAP
- 13.5. SHOWN ON SURVEY MAP
- 13.6. CURRENT ZONING SEE GENERAL NOTE 11
- 13.7. () SHOWN ON SURVEY MAP
- 13.8. SHOWN ON SURVEY MAP
- 13.9. SHOWN ON SURVEY MAP
- 13.10. NO PARTY WALLS
- 13.11. () TO BE PROVIDED
- 13.12. NOT PART OF THIS SURVEY
- 13.13. SHOWN ON SURVEY MAP ALSO SEE GENERAL NOTE 1
- 13.14. AT INTERSECTION OF STREETS SHOWN ON SURVEY MAP
- 13.15. NOT INCLUDED IN THIS SURVEY
- 13.16. NONE VIABLE
- 13.17. NO REVISION HAVE BEEN PROVIDED TO THIS SURVEYOR
- 13.18. NONE VIABLE
- 13.19. NO VIABLE WETLANDS MARKED BY APPROPRIATE PROFESSIONAL OUT OF THE EXPERTISE OF A FLORIDA SURVEYOR (SEE GENERAL NOTE F(2)).
- 13.20. NOT INCLUDE IN THIS SURVEY

WATER - CITY OF ALACHUA (386) 418-6140
GAS - GAINESVILLE REGIONAL UTILITIES (352) 393-1466
WASTEWATER - CITY OF ALACHUA (386) 418-6140
SOLID WASTE - CITY OF ALACHUA (386) 418-6140
ELECTRIC - CITY OF ALACHUA (386) 418-6140

CITY OF ALACHUA (386) 418-6140
FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 2
(386) 758-3714
FAX: (386) 758-3707
TDD (386) 961-7510

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
GREG STRONG NORTHEAST DISTRICT (JX)
8800 BAYMEADOWS WAY WEST, SUITE 100
JACKSONVILLE, FLORIDA 32256-7590
(904) 256-1700 FAX (904) 256-1590

13.21. NOT INCLUDED IN THIS SURVEY
13.22. NOT INCLUDED IN THIS SURVEY

14. LIMITATIONS:
- A) ALL INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT-OF-WAY AND OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR PER TITLE INFORMATION PROVIDED BY THE CLIENT, AS SHOWN. THERE MAY BE ADDITIONAL RESTRICTIONS AND/OR OTHER MATTERS THAT ARE NOT SHOWN ON THIS PLAT OF SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY, NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN. IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLATS, IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER. PER FLORIDA STATUTES RULE 5J-1.052(2)(d)
- B) IT IS UNDERSTOOD TO BE THE PROFESSIONAL OPINION OF THIS SURVEYOR AND THE FIRM, FROM WHICH IS FORMULATED ON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF, AND AS SUCH, DOES NOT CONSTITUTE A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED. FURTHERMORE, THIS SURVEYOR AND FIRM, DOES NOT ASSUME RESPONSIBILITY AND SHALL NOT BE LIABLE FOR CLAIMS ARISING FROM ERRONEOUS OR INCORRECT INFORMATION FURNISHED BY THE OWNER, LENDER, OR OWNER'S CONTRACTORS OR OTHERS, WHICH IS USED AS A BASIS TO FORMULATE THIS SURVEYOR'S OPINION.

C.) ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE PARTY. PER FLORIDA STATUTES CHAPTER RULE 5J-11.051(3)(f) (i)

- D) THE ACCEPTANCE OF THIS SURVEY AS CERTIFIED FOR THE EXCLUSIVE USE OF NAMES SHOWN HEREON SHALL CONSTITUTE FULFILLMENT OF MY CONTRACTUAL OBLIGATION. ADDITIONAL SEALED ORIGINALS MAY BE PURCHASED UP TO SIX MONTHS AFTER THE DATE OF THE INVOICE. "ORIGINAL" AS DEFINED HEREON REFERS TO THE SIGNED AND SEALED GRAPHIC REPRESENTATION OF THE FIELD SURVEY. CAD FILES ARE NOT THE SURVEY AND THERE WILL BE A SURCHARGE FOR THEM.

E.) TAX PARCEL IDENTIFICATION NUMBERS, ADJACENT OWNERS NAMES AND ADDRESS WHEN SHOWN SHOWN IS EITHER SUPPLIED BY CLIENT AND/OR TAKEN FROM COUNTY APPRAISER'S INTERNET WEB PAGE AND MAY NOT BE THE MOST CURRENT.

- F) SPECIAL PURPOSE SURVEYS WHEN IDENTIFIED AS TYPE OF SURVEY:
- 1) WHEN TREES AS SHOWN ON THE SURVEY IT IS FOR THE LOCATION OF THE TREES 4" INCHES DIAMETER AND ABOVE TREES TAKEN APPROXIMATELY 4 TO 4-1/2 FEET ABOVE GROUND LEVEL TREE IDENTIFICATION OTHER THAN LOCATION AND SIZE, SEEN AN ARBORIST.
 - 2) JURISDICTIONAL WETLANDS WHEN SHOWN WERE LOCATED FROM FLAGS/MARKS BY BIOLOGIST/ ENVIRONMENTALIST. AND THE DETERMINATION OF WETLANDS ARE OUT OF THE EXPERTISE OF THIS SURVEYOR AND MAPPER.
 - 3) ARCHAEOLOGICAL FEATURES WHEN SHOWN WERE LOCATED FROM OBJECTS IDENTIFIED BY OTHERS AND THE DETERMINATION OF WHAT CONSTITUTES AN ARCHAEOLOGICAL FEATURES IS OUT OF THE EXPERTISE OF THIS SURVEYOR AND MAPPER.
 - 4) WILDLIFE CORRIDORS OR HABITATS WHEN SHOWN WERE LOCATED FROM OBJECTS IDENTIFIED BY OTHERS AND THE DETERMINATION OF WHAT CONSTITUTES A WILDLIFE CORRIDORS OR HABITATS IS OUT OF THE EXPERTISE OF THIS SURVEYOR AND MAPPER.
 - 5) GEOTECHNICAL BORINGS SHOWN AS MARKED AND FIELD LOCATED.

G.) AS-BUILT/RECORD SURVEYS WHEN IDENTIFIED AS TYPE OF SURVEY:
 1.) WHEN UNDERGROUND UTILITIES, SUCH AS UNDERGROUND CABLES, GAS MAINS, WATER MAINS, SANITARY SEWER SYSTEMS AND STORM COLLECTIONS SYSTEMS ARE SHOWN, THE LIMITS OF SURVEY INCLUDE VISIBLE STRUCTURES / IMPROVEMENTS IN COMBINATION WITH AS-BUILT / RECORD DRAWINGS SUPPLIED BY OTHERS. WATER MAINS TAKEN FROM PLANS PROVIDED AND UNABLE TO FIELD VERIFY
 2.) WHEN THE PERCENTAGE OF SLOPES ARE SHOWN IT IS BASED ON THE INVERTS BETWEEN VISIBLE STRUCTURES. THIS SURVEY DOES NOT INCLUDE VIDEO PIPELINE INSPECTIONS. VERIFICATION OF LINE OF SITE HAS NOT BEEN VERIFIED. THIS SURVEYOR SUGGESTS VIDEO PIPELINE INSPECTION BY A PROFESSIONALS PROVIDING SERVICE OF THAT SPECIALTY.

- H.) TOPOGRAPHIC SURVEY:
- 1.) CONTOURS ARE ON ONE FOOT INTERVALS, INTERPOLATED BETWEEN 100 FOOT GRIDS, VISIBLE GRADE BREAKS, ALONG WITH RANDOM GROUND ELEVATIONS.
 - 2.) OFFSITE TOPOGRAPHIC INFORMATION SHOWN IS BASED ON THE REQUEST BY THE CLIENT AND OR THE CLIENTS AGENT, BEING AN ARCHITECT OR ENGINEER.

PARCEL C
BEING A PORTION OF THE NORTHEAST 1/4 OF SECTION 15, TOWNSHIP 8 SOUTH, RANGE 18
EAST, ALACHUA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 15: THENCE SOUTH 8 DEGREES 25' 30" WEST ALONG THE NORTH LINE OF SAID SECTION 15 AND THE NORTH LINE OF HITCHCOCK'S ADDITION TO THE CITY OF ALACHUA AS RECORDED IN PLAT BOOK "F", PAGE 18, OF THE PUBLIC RECORD OF ALACHUA COUNTY, FLORIDA, FOR 1320.00 FEET TO THE NORTHWEST CORNER OF LOT 10 OF SAID HITCHCOCK'S ADDITION, THENCE SOUTH 00 DEGREES 3' MINUTES EAST ALONG THE WEST LINE OF SAID HITCHCOCK'S ADDITION AND ITS SOUTHERLY EXTENSION FOR 1080.0 FEET TO A POINT ON THE NEXT DESCRIBED LINE: THENCE NORTH 43 DEGREES 44 MINUTES 43 SECONDS WEST, ALONG THE NORTHEASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 20, FOR 3.4 FEET TO A POINT 3.4 FEET FROM THE POINT OF BEGINNING, THENCE CONTINUE ALONG SAID NORTHEASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 20 NORTH 53 DEGREES 44 MINUTES 43 SECONDS WEST FOR 200.00 FEET; THENCE 3 DEGREES 15 MINUTES 1' SECONDS EAST, AT RIGHT ANGLES TO THE LAST DESCRIBED COURSE, FOR 200.00 FEET; THENCE SOUTH 53 DEGREES 44 MINUTES 43 SECONDS EAST, PARALLEL TO THE AFOREMENTIONED NORTHEASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 20, FOR 200 FEET; THENCE SOUTH 3' DEGREES 15 MINUTES 1' SECONDS WEST AT RIGHT ANGLES TO THE LAST DESCRIBED COURSE FOR 200 FEET TO THE POINT OF BEGINNING, LYING AND BEING IN ALACHUA COUNTY, FLORIDA.

BEING A PORTION OF THE NORTHEAST 1/4 OF SECTION 15, TOWNSHIP 8 SOUTH, RANGE 18 EAST, ALACHUA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 15 THENCE SOUTH 8 DEGS. 25 MIN. SEC. WEST ALONG THE NORTH LINE OF SAID SECTION 15 AND THE NORTH LINE OF HITCHCOCK'S ADDITION TO THE CITY OF ALACHUA AS RECORDED IN PLAT BOOK F, AT PAGE 18 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA FOR 1320.00 FEET TO THE NORTHWEST CORNER OF SAID SECTION 15 THENCE SOUTH 03 DEGS. 3 MIN. EAST, ALONG THE WEST LINE OF SAID HITCHCOCK'S ADDITION AND ITS SOUTHERLY EXTENSION FOR 1080.00 FEET TO A POINT ON THE NEST DESCRIBED LINE. THENCE NORTH 53 DEGS. 44 MIN. 43 SEC. WEST, ALONG THE NORTHEASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 20 AND 25 U.S. HIGHWAY NO. 441) 84.84 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE ALONG SAID NORTHEASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 20, NORTH 53 DEGS. 44 MIN. 43 SEC. WEST FOR 310.00 FEET TO A POINT OF CURVATURE. THENCE SOUTHEASTERLY ALONG A CURVE, CONCAVE SOUTHWESTERLY, HAVING A RADIUS OF 155.00 FEET, CENTRAL ANGLE OF 43 DEGS. 5 MIN. 15 SEC. AND AN ARC DISTANCE OF 118.8 FEET TO A POINT ON THE NEST DESCRIBED LINE, A LINE TO POINT BEARS NORTH 80 DEGS. 11 MIN. 32 SEC. EAST FROM THE RADIUS POINT OF SAID CURVE. THENCE SOUTH 00 DEGS. 3 MIN. 00 SEC. EAST, ALONG A LINE PARALLEL WITH AND 50.00 FEET WEST OF, AS MEASURED AT RIGHT ANGLES TO THE WEST LINE OF SAID HITCHCOCK'S ADDITION FOR 158.4 FEET. THENCE SOUTH 3 DEGS. 15 MIN. 1 SEC. WEST FOR 2.82 FEET TO THE POINT OF BEGINNING, LYING AND BEING IN ALACHUA COUNTY, FLORIDA.

AUTOZONE STORE ,
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY,
HAMILTON DEVELOPMENT, INC., A SOUTH CAROLINA CORPORATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 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,

DATE OF PLAT OR MAP: 08/12/2014

**WILLIAM S HART,
PROFESSIONAL SURVOR AND MAPPER NO. 3 05**

ABBREVIATIONS / LEGEND:									
FL	FLORIDA IDENTIFICATION	NP	NOT POSTED ON PANEL	SW	RIGHT-OF-WAY	WATER VALVE	TRAFFIC CONTROL BOX	SANITARY MAIN	
DBB	INVERT	ORB	OFFICIAL RECORD BOOK	S.P.	STATE ROAD	⌂		—	SAN
INV	INVERT	OA	OVERALL	S.F.	SQUARE FEET	⬆	STREET LIGHTING CONTROL BOX	—	GAS MAIN
CB	CALCULATED	OC	OVERALL COVER	CONC.	CONCRETE	⬆		—	TEL
CI	CARE OF	PLAT	PLAT	TRANSFORMER	WORK ORDER NUMBER	⬆	LIGHT POLE (FIBERGLASS)	—	TEL
P.A.	LIMITED LIABILITY COMPANY	PROF.	PROFESSIONAL & ASSOCIATION	WWW.FLORIDAMVC.COM	WWW.FLORIDAMVC.COM	⬆	LIGHT POLE (CONCRETE)	—	TEL
DD	DEGREES	PCP	PERMANENT CONSTRUCTION	INCORPORATED, COMMERCIAL	CONCRETE POWER POLE	⬆	ELECTRIC TRANSFORMER PAD	—	TEL
MS	MEASURED	PAGE	PAGE	CONCRETE MONUMENT AS NOTED	CLEANOUT	⬆	WATER METER	—	TEL
M.B.	MAP BOOK	PASSER	PASSER MALON NAIL	DISK	DISK	⬆	HAND CAP	—	TEL
DD	DEGREE OF TURN	NOT APPLICABLE AND/OR NOT AVAILABLE	NOT APPLICABLE AND/OR NOT AVAILABLE	NOT APPLICABLE AND/OR NOT AVAILABLE	NOT APPLICABLE AND/OR NOT AVAILABLE	⬆	OVERHEAD ELECTRIC LINE	—	TEL
NAD	NORTH AMERICAN DATUM	P.A.	PAST OFFICE	IRON PIPE AS NOTED	IRON PIPE AS NOTED	⬆	WATER MAIN	—	TEL
UTM	UNIVERSAL TRANSVERSE MERCATOR	UTM	UNIVERSAL TRANSVERSE MERCATOR	UTM	UTM	⬆	CONTOUR LINE	—	TEL
FE	FEDERAL EMERGENCY MANAGEMENT AGENCY	FE	FEDERAL EMERGENCY MANAGEMENT AGENCY	FE	FEDERAL EMERGENCY MANAGEMENT AGENCY	⬆	CONTOUR LINE	—	TEL

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SURVEY
REPORT

REVISIONS

<p>JURVEY:</p> <p>ARY AND</p> <p>RAPHIC</p>	<p>ECT:</p> <p>STORE #—</p>	<p>5535 NW U.S. HWY. 441</p> <p>A, FL</p>
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PROJECT No: 140404

FIELD WORK BY: AM, WSH

DATE: 08/12/2014

OFFICE WORK BY: DAB, WSH

DATE: 08/12/2014

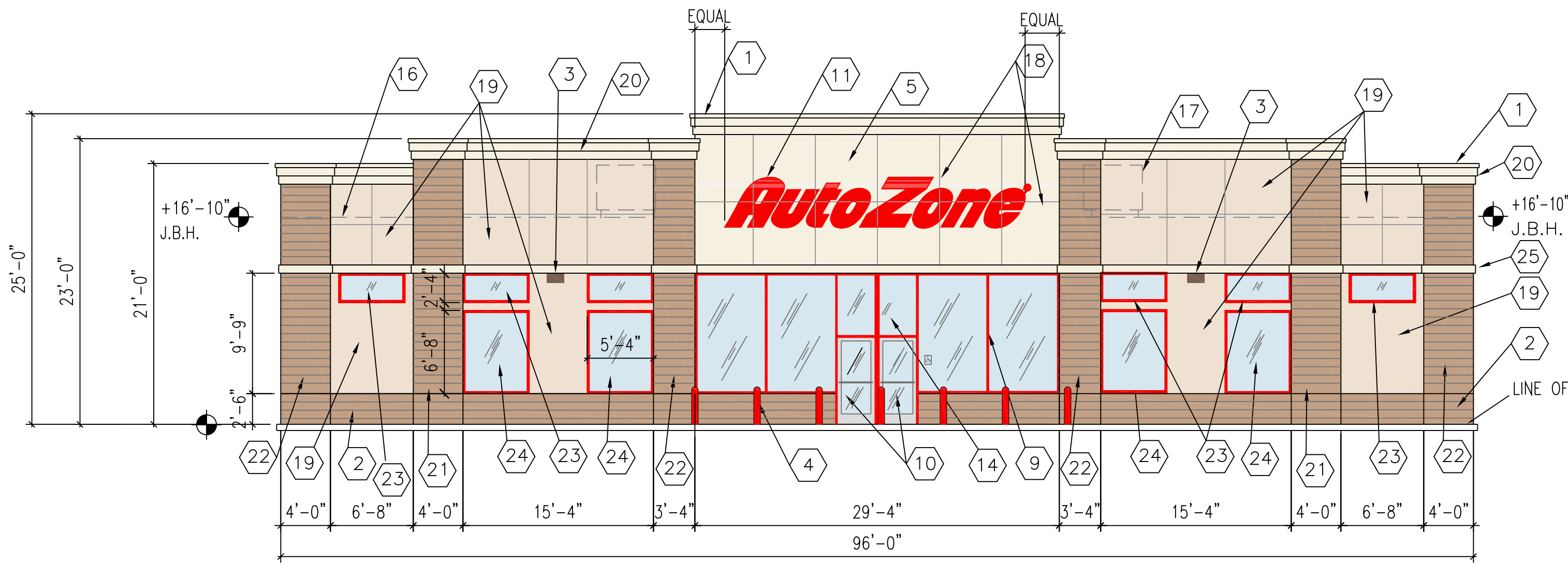
FIELD BOOK - PAGE:

SCALE: NONE

DRAWING FILE:

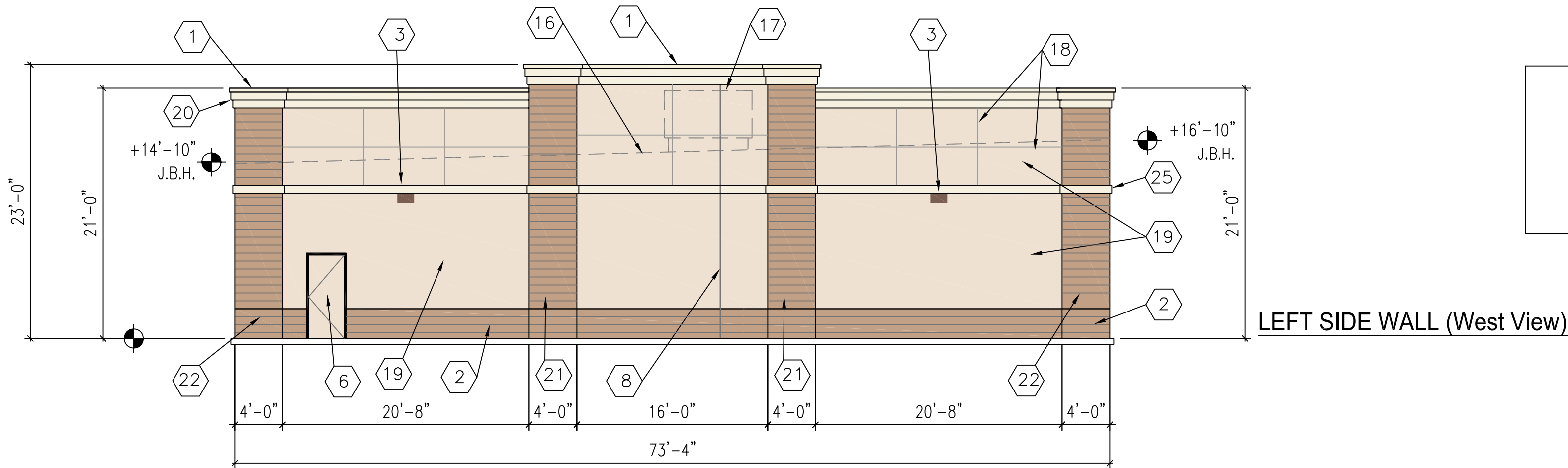
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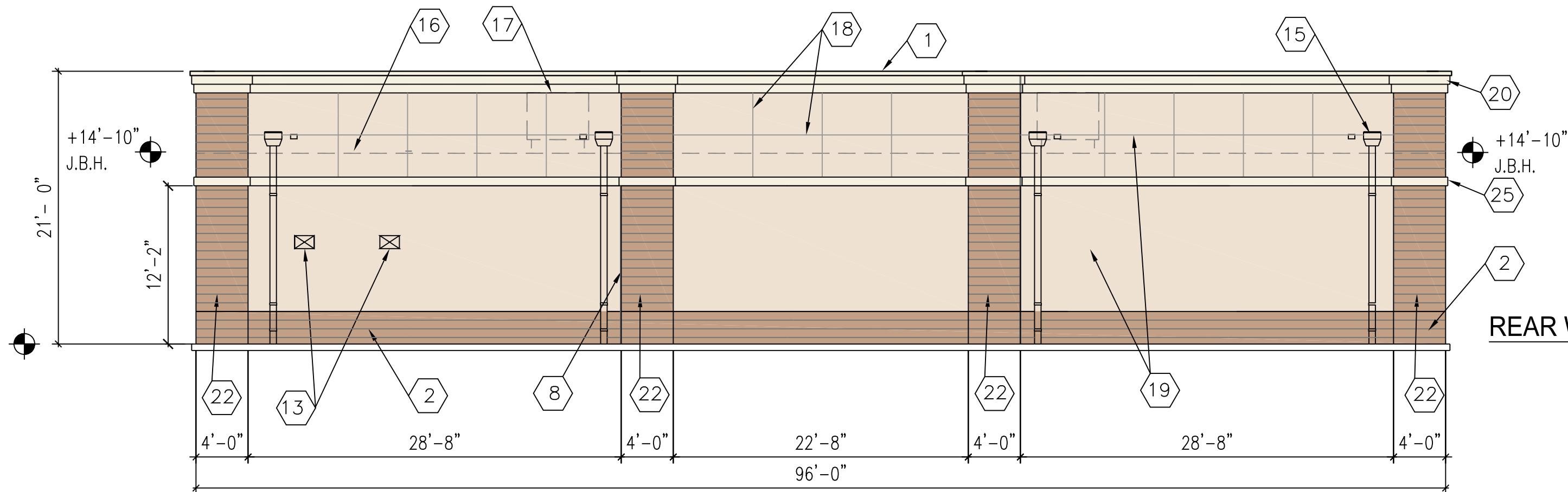
GLASS CALCULATIONS:
FRONT WALL = 2,233 SQ. FT.
20% = 4446.6 SQ. FT. REQUIRED
WINDOWS: (6) 2'-4"x5'-4" = 74 SQ. FT.
(4) 6'-8"x5'-4" = 142 SQ. FT.
STOREFRONT = 300 SQ. FT.
TOTAL = 516 SQ. FT. PROVIDED
SPLIT FACE BLOCK CALCULATIONS:
FRONT WALL = 2,233 SQ. FT.
60% = 13339.8 SQ. FT. ALLOWED
TOTAL = 646 SQ. FT. PROVIDED

FRONT WALL (North View)



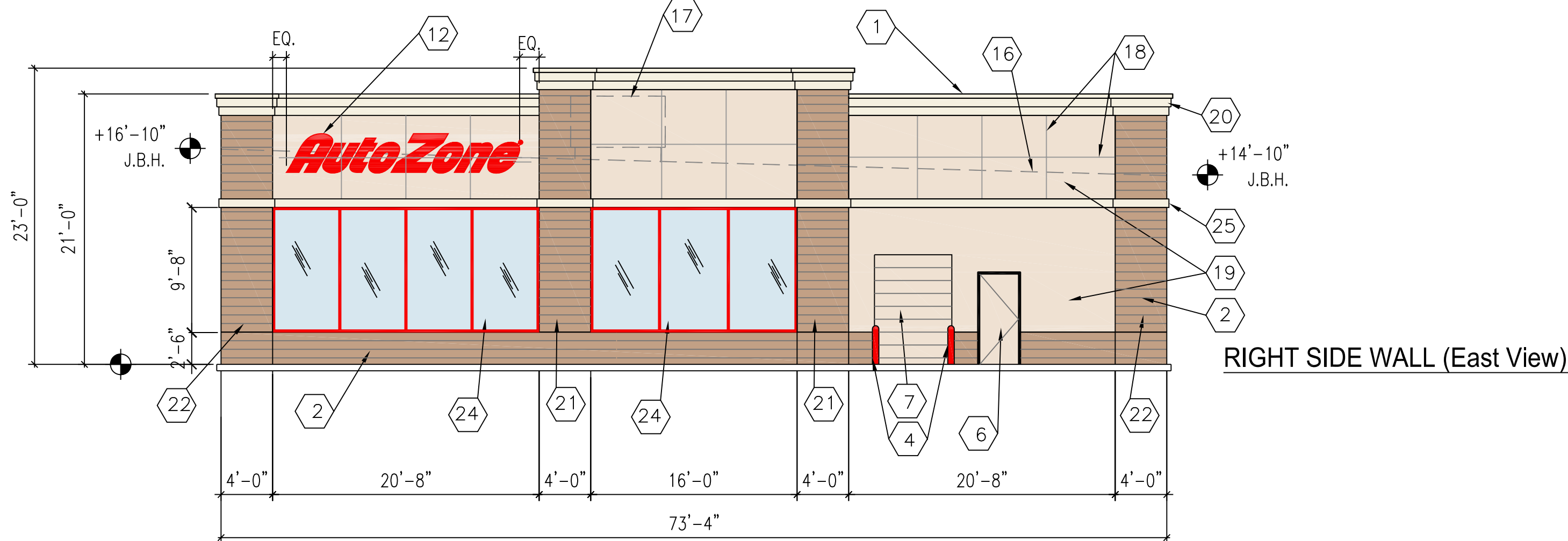
SPLIT FACE BLOCK CALCULATIONS:
SIDE WALL = 1567 SQ. FT.
60% = 946 SQ. FT. ALLOWED
TOTAL = 467 SQ. FT. PROVIDED

LEFT SIDE WALL (West View)



SPLIT FACE BLOCK CALCULATIONS:
REAR WALL = 2016 SQ. FT.
60% = 1209.6 SQ. FT. ALLOWED
TOTAL = 508 SQ. FT. PROVIDED

REAR WALL (South View)



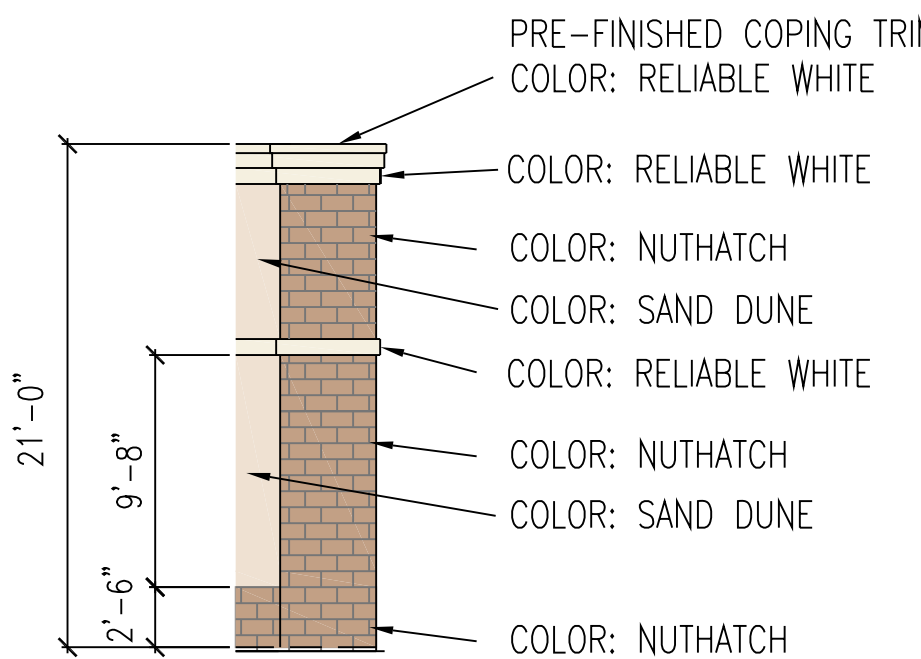
GLASS CALCULATIONS:
RIGHT WALL = 1,567 SQ. FT.
20% = 313.4 SQ. FT. REQUIRED
WINDOWS: 9'-8" x 20'-8" = 199.7 SQ. FT.
9'-8" x 16'-0" = 154.6 SQ. FT.
TOTAL = 354.3 SQ. FT. PROVIDED
SPLIT FACE BLOCK CALCULATIONS:
SIDE WALL = 1567 SQ. FT.
60% = 946 SQ. FT. ALLOWED
TOTAL = 467 SQ. FT. PROVIDED

RIGHT SIDE WALL (East View)

- 1 TWO PIECE COMPRESSION TRIM SEE DETAIL 4/A6
- 2 SPLIT FACE CONCRETE MASONRY UNITS SEE PAINT DETAIL SCHEME THIS SHEET
- 3 WALL MOUNTED LIGHT FIXTURE
- 4 PIPE GUARD WITH RED SLEEVE
- 5 MFG. WHITE EXTERIOR INSULATED FINISH - PAINT RELIABLE WHITE
- 6 PAINT MAN DOOR SW #6086, PAINT METAL FRAMES BLACK
- 7 PAINT OVERHEAD DOOR SW #6086, PAINT ANGLES BLACK
- 8 EXPANSION JOINT
- 9 ALUMINUM STOREFRONT - RED KYNAR FINISH TINTED GLASS WINDOWS
- 10 GLASS AND ALUMINUM DOORS - CLEAR ANODIZED FINISH
- 11 FRONT WALL SIGN - 48" HIGH CHANNEL LETTERS
- 12 SIDE WALL SIGN - 36" HIGH CHANNEL LETTERS
- 13 TOILET WALL VENTS PAINT TO MATCH WALL
- 14 STORE ADDRESS - 6" WHITE REFLECTIVE NUMBERS
- 15 SCUPPERS AND DOWNSPOUTS. PAINTED TO MATCH BACKGROUND WALL COLOR. ADJACENT 4" H. X 6" W. OVERFLOW SCUPPER. FLOWLINE 2" ABOVE ROOF. BOND BEAM AT ROOF LINE
- 16 HVAC UNITS SCREENED BEHIND PARAPET WALL
- 17 1" WIDE SCORED JOINT (TYP.)
- 18 CMU BLOCK W/ STUCCO FINISH - SEE PAINT SCHEME DETAIL THIS SHEET
- 19 DECORATIVE FOAM CORNICE COLOR: RELIABLE WHITE
- 20 SPLIT FACE CMU PILASTER (1'-4" PROJECTION)
- 21 SPLIT FACE CMU PILASTER (8" PROJECTION)
- 22 ALUMINUM STOREFRONT - RED KYNAR FINISH TINTED CLERESTORY GLASS WINDOWS
- 23 ALUMINUM STOREFRONT - RED KYNAR FINISH OPAQUE TINTED GLASS
- 24 8" HIGH X 2" DEPTH FOAM BOARD TRIM WITH E.F.S.

2 ELEVATION KEYNOTES

COLORS:
SHERWIN WILLIAMS "RELIABLE WHITE" - SW 6091
SHERWIN WILLIAMS "SAND DUNE" - SW 6086
SHERWIN WILLIAMS "NUTHATCH" - SW 6088



3 EXTERIOR WALL COLOR SCHEME

- GENERAL NOTES:
1. REFER TO SECTION 09900 OF THE SPECIFICATIONS FOR PAINT AND EXTERIOR COATINGS. ALL COLORS ARE BY SHERWIN-WILLIAMS PAINT COMPANY.
 2. PAINT RESTROOM WALL VENTS TO MATCH THE ADJACENT WALL COLOR.
 3. SEALANT AT EXPANSION JOINTS TO MATCH ADJACENT WALL COLOR.
 4. ALL MASONRY JOINTS TO BE CONCAVE TOOLED.

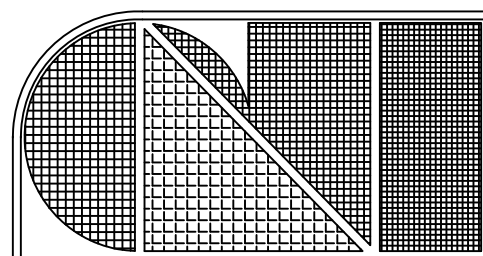
4 GENERAL NOTES

- SIGNAGE NOTES:
1. AUTOZONE'S SIGN VENDOR WILL FURNISH AND INSTALL ALL SIGNS UNLESS SPECIFICALLY NOTED ON THE DRAWINGS OTHERWISE. WALL SIGNS TO BE INSTALLED ON SURFACES THAT ARE FURNISHED AND PREPARED BY GENERAL CONTRACTOR.
 2. SIGN INSTALLER SHALL OBTAIN SIGN PERMITS AND INSTALL ALL FREESTANDING SIGNS AND THEIR FOUNDATIONS UNLESS NOTED OTHERWISE. GENERAL CONTRACTOR SHALL INSURE SIGN LOCATION IS TO GRADE AND SHALL MARK WHERE SIGN IS TO BE LOCATED.
 3. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF PRIMARY ELECTRICAL, AND FINAL ELECTRICAL HOOK-UP. SEE "SN" SHEETS FOR ADDITIONAL INFORMATION.
 4. SEE SHEET E3 FOR LOCATIONS OF J-BOXES TERMINATING EACH WALL SIGN CIRCUIT.

J.B.H. = JOIST BEARING HEIGHT

1/8" = 1'-0"

REVISIONS		1	4
		2	5
		3	6
AutoZone Store No. 4997 15535 NW US HWY 441		ALACHUA FL 32615	
Architect: George Callow 123 South Front Street Memphis, Tennessee 38103 TEL: 901-495-8705 FAX: (901) 495-8969 For Bidding & Contractor Information Contact: McGraw - Hill Construction Tel. 615-884-1017 www.construction.com		EXTERIOR ELEVATIONS AND NOTES	
08/12/14		65W2-R	
CE1			



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ARCHITECT'S PROJECT # 14-

Project #
FAMILY DOLLAR
FOR
HAMILTON DEVELOPMENT
15483 NW US HWY 441
ALACHUA COUNTY, FLORIDA 32615
DESIGN BASED ON 2014-01 FD PROTOTYPE

Sheet Description
**ELEVATIONS/
EXTERIOR FINISH
SCHEDULE**

Seal

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Drawn By :
D. MYERS

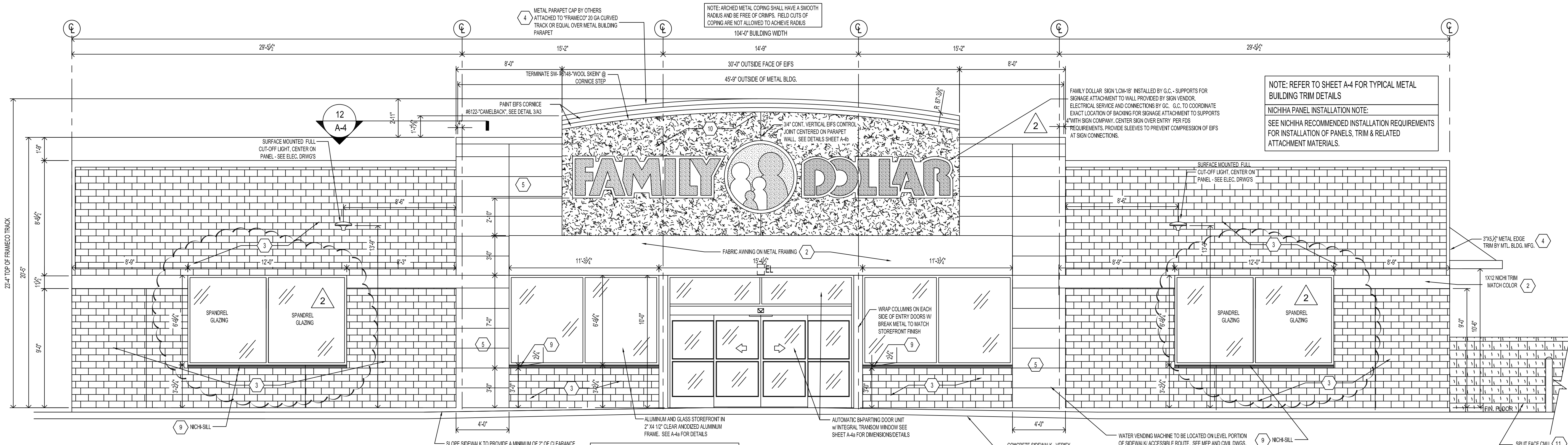
Checked By :
D. MYERS

Revisions :
10/6/14 ① ZONING REVIEW COMMENTS
10/24/14 ② GLAZING PROVIDED
③
④

Date :
7/29/14

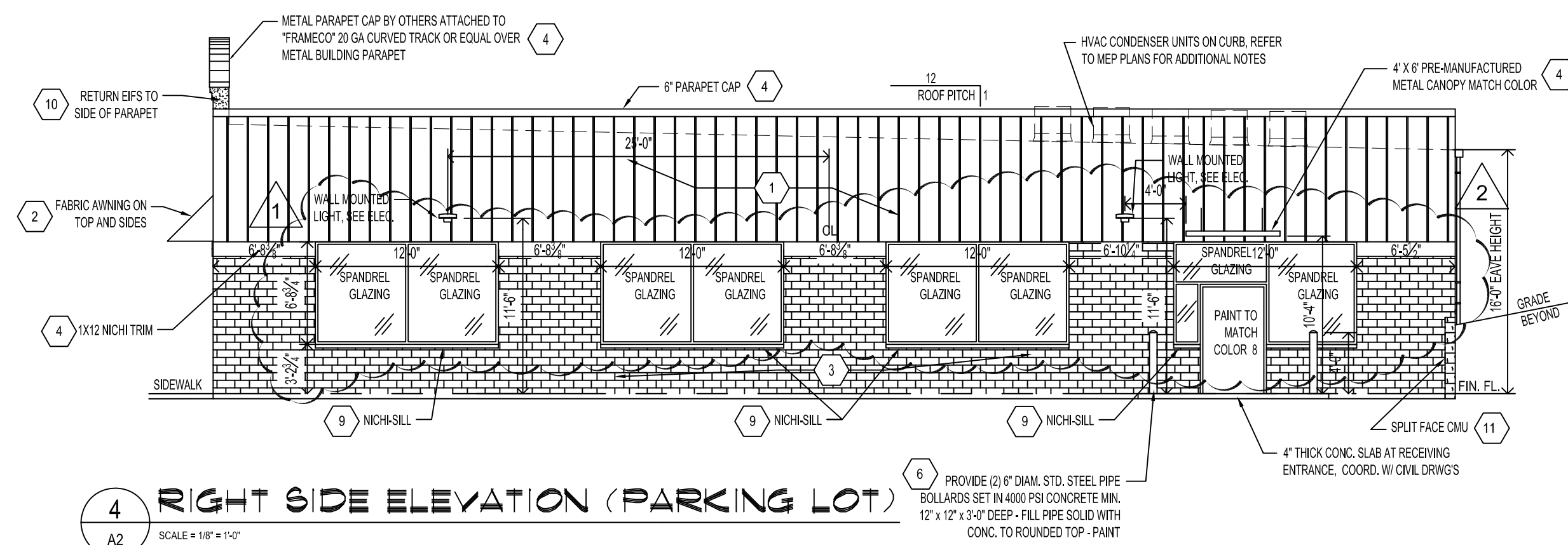
Sheet No.

A-2



1 FRONT ELEVATION (M.L.KING BLVD (U.S. 441))

A2 SCALE = 1/8" = 1'-0"



4 RIGHT SIDE ELEVATION (PARKING LOT)

A2 SCALE = 1/8" = 1'-0"

GLAZING STANDARDS: SECTION 6.8.2(A)(2)(a) OF LDR

FRONT ELEVATION FACES (M.L.KING BLVD ELEVATION)
TOTAL ELEVATION (to underside of parapet of the facade (B)) SQ. FT. = 2047.5 SQ. FT.
20% GLAZING REQUIRED = 409.52 SQ. FT.
TOTAL GLAZING FRONT ELEVATION = 468.3 SQ. FT.
RIGHT SIDE ELEVATION FACES (PUBLICLY-ACCESSIBLE PARKING AREA)
TOTAL ELEVATION SQ. FT. = 1479 SQ. FT.
20% GLAZING REQUIRED = 295.8 SQ. FT.
TOTAL GLAZING RIGHT SIDE ELEVATION = 305.7 SQ. FT.

FACADE MASSING STANDARDS: SECTION 6.8.2(A)(2)(b)

SUBSECTION (i) Offset Alternatives
Routine changes are coupled with correspondingly aligned facade material changes.

MATERIAL DESIGN STANDARDS: SECTION 6.8.2(A)(2)(c)

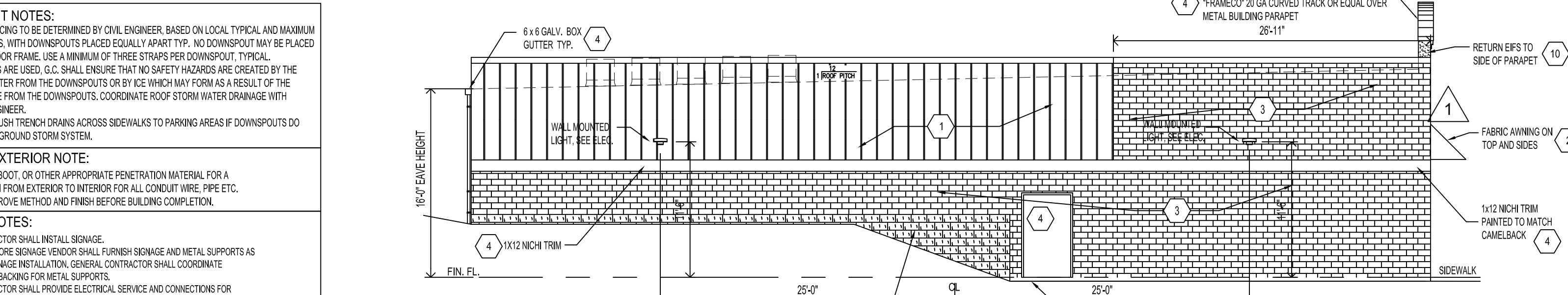
(i) A minimum of twenty-five percent of the materials utilized for each side facade and the rear facade are shown to be the same as the materials utilized for the front (street facing) facade.

PROHIBITED MATERIALS: SECTION 6.8.2(A)(2)(d)

(i) METAL SIDING IN MORE THAN 50 PERCENT OF ANY FACADE WHEN VISIBLE FROM A STREET. LANDS CLASSIFIED AS CSV-A, RSF-1, RSF-3, RSF-4, RMH-5, RMH-P, RMF-8 OR RMF-15, OR LANDS CONTAINING EXISTING RESIDENTIAL USES.
FRONT - NO METAL PANEL IS PROPOSED
RIGHT - TOTAL ELEVATION = 1506 SQ. FT. - TOTAL METAL PANEL = 688 SQ. FT. (<50%)
REAR - ELEVATION NOT VISIBLE FROM STREET AND DOES NOT ADJOIN PROPERTY TYPES AS NOTED ABOVE.
LEFT - TOTAL ELEVATION = 1245 SQ. FT. - TOTAL METAL PANEL = 447 SQ. FT. (<50%)
(ii) EXPOSED SMOOTH FINISHED CONCRETE BLOCK.
NO EXPOSED SMOOTH FACE BLOCK IS PROPOSED ON THE BUILDING.
(iii) EXPOSED SPLIT FACE CONCRETE BLOCK IN MORE THAN 60 PERCENT OF ANY FACADE. SPLIT FACE BLOCK IS PROPOSED FOR VISIBLE AREAS OF THE RETAINING WALL ONLY.

3 REAR ELEVATION

A2 SCALE = 1/8" = 1'-0"



2 LEFT SIDE ELEVATION

A2 SCALE = 1/8" = 1'-0"

EXTERIOR FINISH SCHEDULE				
MATERIALS ARE TO BE APPROVED BY FAMILY DOLLAR STORE. COLORS ARE CRITICAL AND MUST BE APPROVED BY FAMILY DOLLAR STORE REPRESENTATIVE IF THEY DIFFER FROM THE SHERWIN WILLIAMS COLORS SHOWN BELOW.				
NO.	AREA	TYPE	COATS	COLOR / REMARKS
①	METAL WALL PANELS (SEE DETAILS ON SHEET A-4)	MID-WEST - PBA PANEL NUCOR - ACCENT PANEL VP - VEE RIB PANEL	PRE-FINISHED	MID-WEST COLOR "SADDLE TAN" NUCOR COLOR "SAGEBRUSH TAN" VP COLOR "TAN" SHERWIN WILLIAMS MATCHING COLOR SW 6122 "CAMELBACK"
②	AWNING	FABRIC ON ALUMINUM FRAME - FABRIC ON TOP & SIDES ONLY	PRE-FINISHED	-FABRIC BY TRIVANTAGE - PRODUCT: NITE-LITE #2803 - COLOR RED -METAL FRAME BY OTHERS
③	'NICHHA' FIBER CEMENT WALL PANEL	EF623 CINDERSTONE 11-TAN PANELS - SEE DETAILS ON SHEET A-4	PRE-FINISHED	MANUFACTURER'S STANDARD MOUNTED TO 24 GA. REVERSE 'PBR' METAL WALL PANELS, FURNISHED BY METAL BUILDING MANUFACTURER
④	DOORS, GUTTERS, DOWNSPOUTS, MTL. TRIM & PARAPET COPING	BY METAL BUILDING MANUFACTURER - SEE DETAILS ON A-4	PRE-FINISHED	MID-WEST COLOR "SADDLE TAN" NUCOR COLOR "SAGEBRUSH TAN" VP COLOR "TAN" SHERWIN WILLIAMS MATCHING COLOR SW 6122 "CAMELBACK"
⑤	'NICHHA' FIBER CEMENT WALL PANEL	ARCHITECTURAL BLOCK SERIES-COLOR TUSCAN - SEE DETAILS ON SHEET A-4	PRE-FINISHED	MOUNTED TO 24 GA. REVERSE 'PBR' METAL WALL PANELS, FURNISHED BY METAL BUILDING MANUFACTURER
⑥	STEEL BOLLARDS	EXTERIOR LATEX	2	MATCH SHERWIN WILLIAMS SW 4081 "SAFETY RED"
⑦	METAL ROOF	STANDING SEAM - BY METAL BUILDING MANUFACTURER, SEE DETAILS ON A-4	PRE-FINISHED	COOL ARCTIC WHITE (PRE-FINISHED) (PROVIDE 10 YEAR WEATHER TIGHTNESS WARRANTY FOR ALL PROJECTS)
⑧	EIFS	SMOOTH FINISH EIFS	2	MATCH WINDOW TINT COLOR (GRAY). VERIFY COLOR WITH FAMILY DOLLAR PM
⑨	NICH SILL	CHISELED	PRE-FINISHED	TAN
⑩	1/2" EPS W/ EIFS FINISH	SEE DETAILS ON A-4 & A-4b	2	- COLOR TO MATCH SW 6148 "WOOL SKEIN"
⑪	SPLIT FACE BLOCK	SEAL AND PAINT ABOVE GRADE	2	SHERWIN WILLIAMS COLOR SW 6122 "CAMELBACK"
EXTERIOR FINISH NOTES: 1- IF METAL BUILDING IS USED, G.C. TO SUBMIT MANUFACTURER'S STANDARD COLORS TO FAMILY DOLLAR FOR APPROVAL. 2- G.C. OR PAINT CONTRACTOR MUST NOTIFY LOCAL SHERWIN WILLIAMS DEALER THAT PAINT IS BEING PURCHASED FOR A FAMILY DOLLAR STORE AND PROVIDE SHERWIN WILLIAMS DEALER WITH STORE LOCATION.				
G.C. TO PROVIDE KEY BOX FOR LOCK ACCESS DURING PUNCHOUT AND TURNOVER COMBINATION TO MATCH LAST FOUR DIGITS OF STORE NUMBER.		FEE DEVELOPMENT PROJECTS: INSTALLATION OF ROAD AND BUILDING SIGN MUST BE INCLUDED IN GENERAL CONTRACTORS BID AND SCOPE OF WORK.		

DOWNSPOUT NOTES:
DOWNSPOUTS SPACING TO BE DETERMINED BY CIVIL ENGINEER, BASED ON LOCAL TYPICAL AND MAXIMUM RAINFALL AMOUNTS, WITH DOWNSPOUTS PLACED EQUALLY APART TYP. NO DOWNSPOUT MAY BE PLACED WITHIN 12" OF A DOOR FRAME. USE A MINIMUM OF THREE STRAPS PER DOWNSPOUT. TYPICAL.
IF SPLASH BLOCKS ARE USED, G.C. SHALL ENSURE THAT NO SAFETY HAZARDS ARE CREATED BY THE DISCHARGE OF WATER FROM THE DOWNSPOUTS OR BY ICE WHICH MAY FORM AS A RESULT OF THE WATER DISCHARGE FROM THE DOWNSPOUTS. COORDINATE ROOF STORM WATER DRAINAGE WITH PROJECT CIVIL ENGINEER.
NOTE: PROVIDE FLUSH TRENCH DRAINS ACROSS SIDEWALKS TO PARKING AREAS IF DOWNSPOUTS DO NOT TIE TO UNDERGROUND STORM SYSTEM.

GENERAL EXTERIOR NOTE:
PROVIDE SLEEVE, BOOT, OR OTHER APPROPRIATE PENETRATION MATERIAL FOR A CLEAN TRANSITION FROM EXTERIOR TO INTERIOR FOR ALL CONDUIT WIRE, PIPE ETC. OWNER MUST APPROVE METHOD AND FINISH BEFORE BUILDING COMPLETION.

SIGNAGE NOTES:
-GENERAL CONTRACTOR SHALL INSTALL SIGNAGE.
-FAMILY DOLLAR STORE SIGNAGE VENDOR SHALL FURNISH SIGNAGE AND METAL SUPPORTS AS REQUIRED FOR SIGNAGE INSTALLATION. GENERAL CONTRACTOR SHALL COORDINATE INSTALLATION AND BACKING FOR METAL SUPPORTS.
-GENERAL CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE AND CONNECTIONS FOR SIGNAGE. VERIFY ELECTRICAL DEMAND OF SIGNAGE WITH FAMILY DOLLAR STORE.
-COORDINATE ACCESS PANEL LOCATION FOR SIGNAGE MOUNTED ON SIDES OR REAR OF BUILDING FAMILY DOLLAR STORE.

STOREFRONT FRAMING & GLAZING NOTES:
-THERMALLY BROKEN SYSTEM AS REQD. PER EEC
-PROVIDE GRAY TINTED GLASS FOR SOUTH AND WEST FACING STOREFRONTS.
-G.C. SHALL VERIFY AND COMPLY WITH ANY GOVERNING REQUIREMENTS FOR IMPACTED, RATED GLAZING AND/OR STOREFRONT FRAMING. ALL EXTERIOR GLASS TO BE TEMPERED.
-GLAZING UNITS SHALL HAVE A MINIMUM 1" OVERALL THICKNESS
-GLAZING INTERSPACE CONTENT SHALL BE 40%
-PROVIDE POLYURETHANE COATING ON SURFACE NUMBER 2 (B) W/ GRAY TINTED GLAZING)
-MINIMUM GLAZING VALUES ARE:
TRANSMITTANCE - 60% FOR CLEAR, 15% FOR GRAY TINTED
U-VALUE - 0.28 FOR CLEAR, 0.47 FOR GRAY TINTED
SHADING COEFFICIENT - 0.43 FOR CLEAR, 0.35 FOR GRAY TINTED
LIGHT TO SOLAR GAIN - 1.8 FOR CLEAR, 1.53 FOR GRAY TINTED

SECONDARY SIGNAGE NOTES:
-WALL MOUNTED LIGHT FIXTURES AT SIGNAGE LOCATIONS SHALL BE RECENTERED ABOVE SIGNAGE. IF SECONDARY SIGNAGE IS PROVIDED.
-CONFIRM MOUNTING HEIGHT OF SECONDARY SIGNAGE WITH FAMILY DOLLAR STORE.

METAL TRIM NOTES:
ALL METAL TRIM TO BE FURNISHED BY METAL BUILDING VENDOR.

ELEVATION DESIGN NOTE:
NON-STANDARD ELEVATIONS OR OTHER DEVIATIONS FROM THE PROTOTYPE DESIGN SHALL BE SUBMITTED TO AND APPROVED BY FDS PRIOR TO SUBMITTING FOR LOCAL JURISDICTION APPROVAL.

METAL PANEL NOTES:

1. THIS SYSTEM USES 'R' PANEL SCREW DOWN ROOF SYSTEM. (USE STANDING SEAM ROOF SYSTEM W/ THERMAL BLOCKS ONLY IF REQUIRED TO MEET THE ENERGY CODE). G.C. TO PROVIDE ROOF WITH A 10 YEAR WEATHER TIGHTNESS WARRANTY FOR ALL PROJECTS. CONSULT LOCAL ENERGY CODE TO DETERMINE IF SCREW DOWN ROOFING MEETS ENERGY CODE REQUIREMENTS.

2. THE WALL PANELS ARE ATTACHED W/ TAMPER RESISTANT SCREWS. SCREWS TO BE PAN HEAD, WITH SELF SEAL WASHER.

3. METAL BUILDING EAVE HT. TO BE ADJUSTED AS REQUIRED TO MAINTAIN FAMILY DOLLAR STANDARD CEILING HEIGHT.

G.C. TO USE TAMPER RESISTANT SCREWS FOR ALL METAL WALL PANELS. SCREW MUST BE FULL HEIGHT PAN HEAD SELF-DRILLING STAINLESS STEEL SCREWS W/ SELF SEAL WASHERS OR EQUAL.

VERIFY W/ SPECIFIC METAL BLDG. CO.

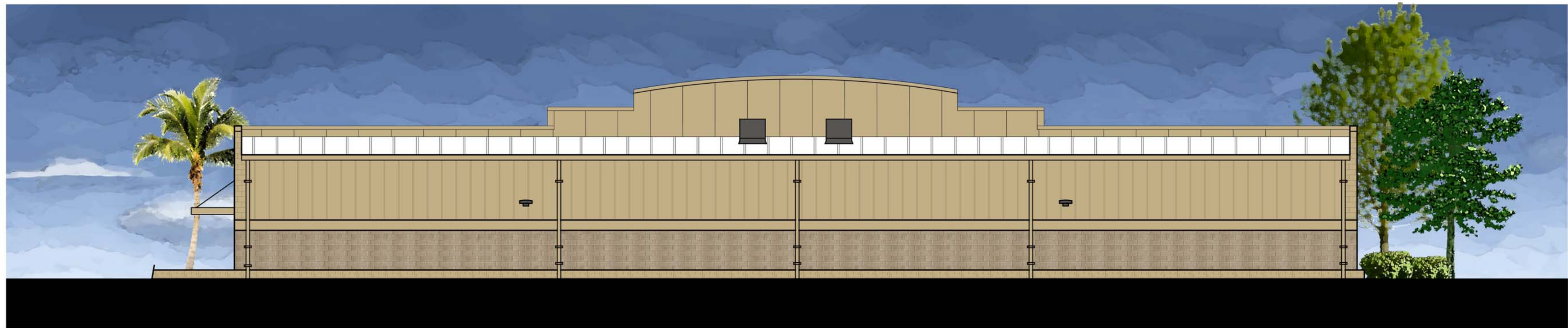
STOREFRONT NOTE:
GENERAL CONTRACTOR SHALL VERIFY AND COMPLY WITH ANY GOVERNING REQUIREMENTS FOR IMPACTED RATED STOREFRONT SYSTEMS.

MINIMUM STRUCTURAL HEIGHT NOTE:

THE MINIMUM CLEAR HEIGHT OF THE STRUCTURE OR OTHER OBSTRUCTION IS 12'-3" AT EXTERIOR WALL AND EAVE LOCATIONS.

A MAINFRAME BEAM, BAR JOIST OR WOOD TRUSS VERTICAL THICKNESS IS TO BE CALCULATED BY A LICENSED STRUCTURAL ENGINEER. AT THE ENTRY WALL, THE BOTTOM OF ROOF STRUCTURE SHALL CLEAR THE TOP OF STOREFRONT SYSTEM BY MIN. 4". PROVIDE 15'-0" MIN CLEAR AT CENTER AS SHOWN ON BUILDING SECTIONS.

DUCTWORK CLEARANCES SHOWN ON BUILDING SECTIONS IN SALES AREA ARE MIN. 12'-0" TO BOTTOM OF DUCTS. ALL STRUCTURAL ELEMENTS REQUIRING DEPTH THAT MAY INTERFERE WITH LIGHT AND DUCT PLACEMENT ARE TO GROW UP RATHER THEN DOWN INTO SPACE.



3 REAR ELEVATION
SCALE = 1/8" = 1'-0"



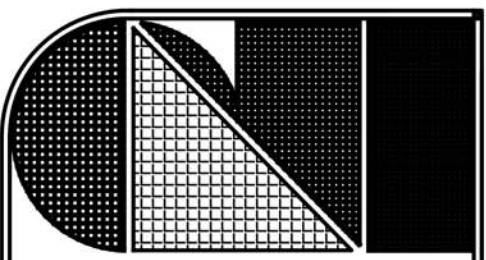
4 RIGHT SIDE ELEVATION
SCALE = 1/8" = 1'-0"



2 LEFT SIDE ELEVATION
SCALE = 1/8" = 1'-0"



1 FRONT ELEVATION
SCALE = 1/8" = 1'-0"



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ARCHITECT'S PROJECT # 14-

Project #
FAMILY DOLLAR
FOR
HAMILTON DEVELOPMENT
15483 NW US HWY 441
ALACHUA COUNTY, FLORIDA 32615
DESIGN BASED ON 2014-01 FD PROTOTYPE

Sheet Description #
COLOR RENDERING

Seal

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Drawn By :

D. MYERS

Checked By :

D. MYERS

Revisions :

1

2

3

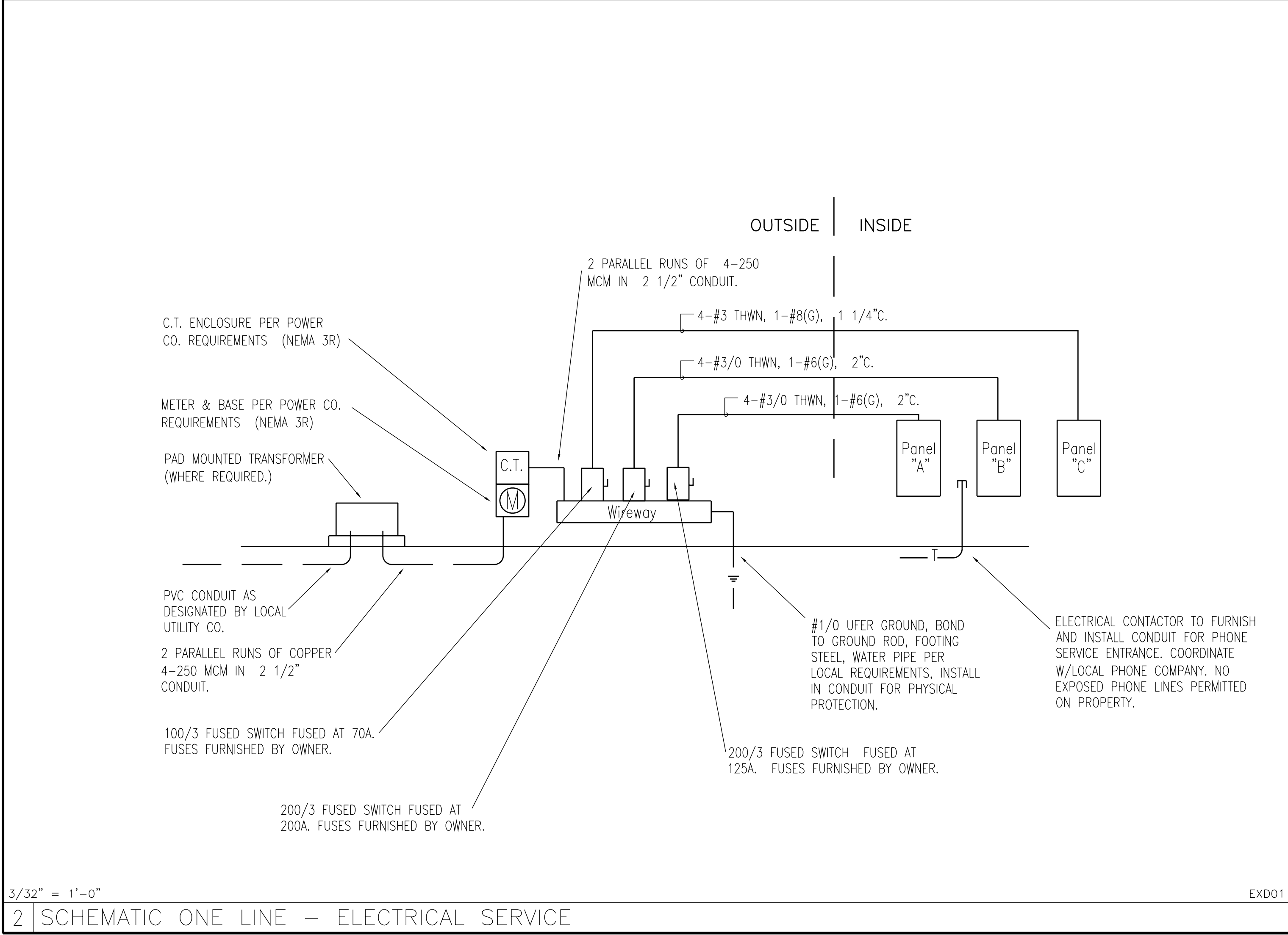
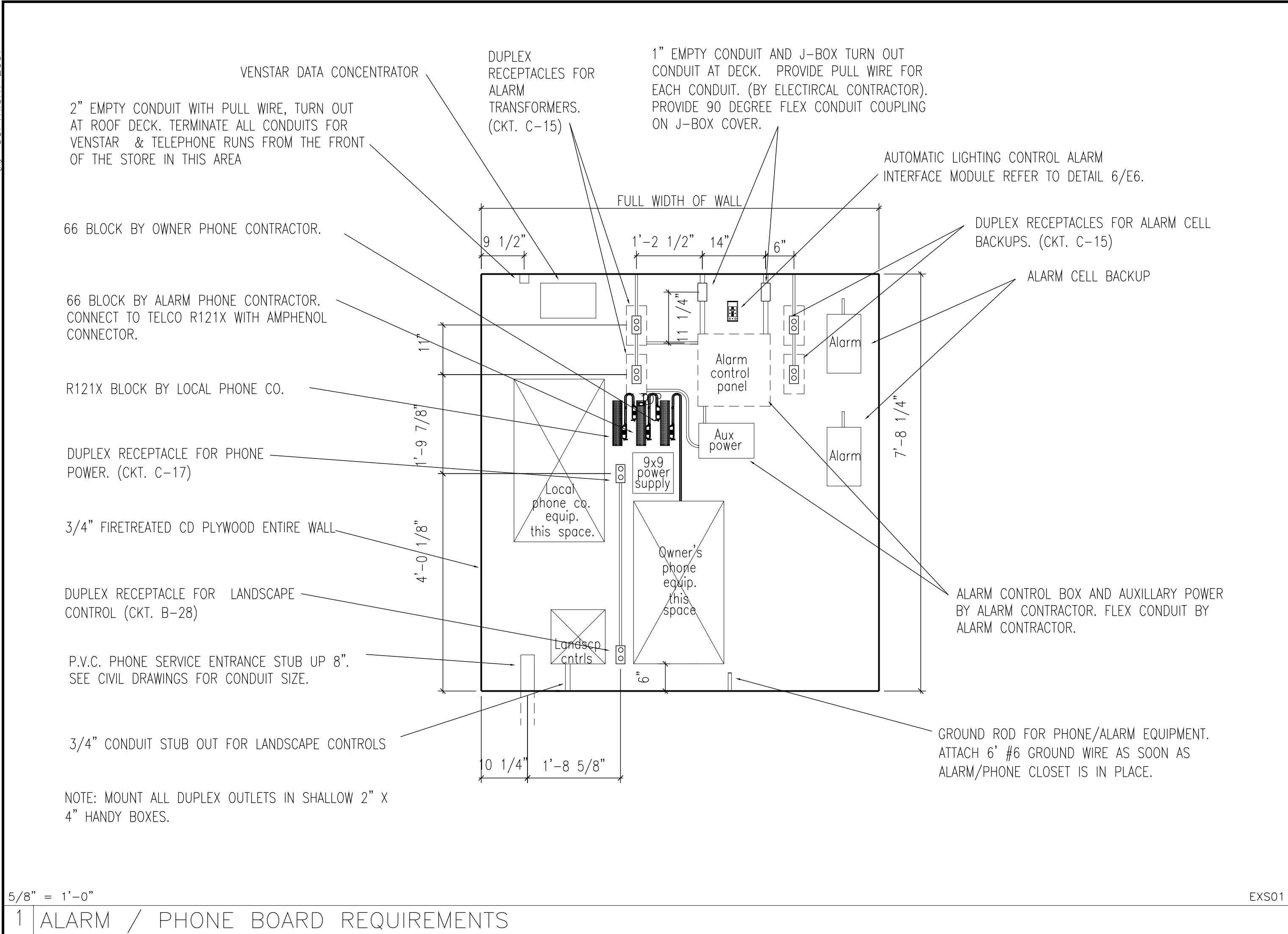
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Date :

7/29/14

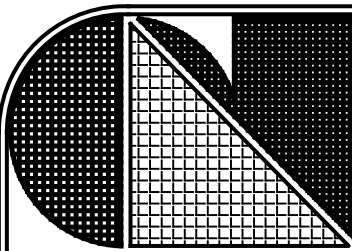
Sheet No.

A-2R



VOLTS: 120/208 V.		65W2 PANEL - A										MOUNTED: FLUSH	
PHASE: 3Ø		LIGHTING										BUSSING: 225 AMPS	
WIRE: 4W		MAIN LUGS ONLY										FEEDER: 200 AMPS	
												AIC RATING: 10,000 AIC	
LOAD		A	B	C	BKR	CK	CK	BKR	A	B	C	LOAD	
FLUORESCENT LIGHTS		1740			20/1	1	2	20/1	----			SPACE	
FLUORESCENT LIGHTS			1631			3	4			435		FLUORESCENT LIGHTS	
FLUORESCENT LIGHTS				1522		5	6				1522	FLUORESCENT LIGHTS	
FLUORESCENT LIGHTS		1087				7	8		1157			FLUORESCENT LIGHTS	
EXIT / EMERGENCY LIGHTS			230			9	10			1825		DISPLAY WINDOW RECEP.	
SPACE				----		11	12				257	FRONT WALL SIGN	
EXTERIOR BUILDING LIGHTS		200			20/1	13	14		257			REAR WALL SIGN	
SITE LIGHTS			418		20/2	15	16			257		SIDE WALL SIGN	
SITE LIGHTS				418		17	18				1224	PYLON SIGN	
SITE LIGHTS		418				19	20	----	----			SPACE	
DISPLAY WINDOW RECEP.			418		20/1	21	22	20/1		472		RESTROOM LIGHTS/FAN	
DISPLAY WINDOW RECEP.		1825		1825		23	24	20/2			418	SITE LIGHTS	
WATER HEATER			1500			25	26		418			SITE LIGHTS	
SPACE				----		27	28			418		SITE LIGHTS	
SPACE						29	30						
LIGHTING TOTAL		3445	2697	1940					1832	1582	3839	LIGHTING TOTAL	
POWER TOTAL		1825	1500	1825					0	1825	0	POWER TOTAL	
PANEL TOTAL		5270	4197	3765					1832	3407	3839	PANEL TOTAL	
NOTES:													
AØ LIGHTING 5277 x 1.25 6596 +POWER 1825 TOTAL 8421 /120 = 70.2 A													
BØ LIGHTING 4279 x 1.25 5349 +POWER 3325 TOTAL 8674 /120 = 72.3 A													
CØ LIGHTING 5779 x 1.25 7224 +POWER 1825 TOTAL 9049 /120 = 75.4 A													
VOLTS: 120/208 V.		65W2 PANEL - B										MOUNTED: FLUSH	
PHASE: 3Ø		POWER										BUSSING: 225 AMPS	
WIRE: 4W		MAIN LUGS ONLY										FEEDER: 200 AMPS	
												AIC RATING: 10,000 AIC	
LOAD		A	B	C	BKR	CK	CK	BKR	A	B	C	LOAD	
RTU-1		6204			50/3	1	2	60/3	6204			RTU-2	
10 ton			6204			3	4			6204		10 ton	
HP				6204		5	6				6204	HP	
SPACE		----				7	8		----			SPACE	
SPACE			----			9	10			----			
RTU & EXT. RECEPT.		540			20/1	11	12				----		
BATTERY CHARGER			1487			13	14		----				
BATTERY CHARGER				1487		15	16			----			
BATTERY CHARGER		1487				17	18			----			
BATTERY CHARGER			1487			19	20	20/1	1500			H.P. MINI-TUNE	
BATTERY CHARGER						21	22			----		SPACE	
ALC PANEL		480				23	24	20/1			800	TESTER ACCESSORIES	
SPACE				----		25	26		360			DRINKING FOUNTAIN	
BREAK ROOM REFRIG.				1500	20/1	27	28			360		LANDSCAPE CONTROL	
SPACE						29	30				900	GEN. RECEPT. (SALES)	
SPACE		----				31	32		1380			DRINK MACHINE	
SPACE			----			33	34			----		SPACE	
SPACE				----		35	36				----		
SPACE		----				37	38		----				
SPACE			----			39	40			----			
SPACE				----		41	42				----		
LIGHTING TOTAL		0	0	0					0	0	0	LIGHTING TOTAL	
POWER TOTAL		8711	9178	10678					9444	6564	7904	POWER TOTAL	
PANEL TOTAL		8711	9178	10678					9444	6564	7904	PANEL TOTAL	
NOTES:													
INSERT 20 AMP HIGH MAGNETIC BREAKER IN CIRCUIT B-20. BREAKER WILL COME WITH A YELLOW STICKER TO BE LEFT IN PLACE.													
AØ LIGHTING 0 x 1.25 0 +POWER 18155 TOTAL 18155 /120 = 151.3 A													
BØ LIGHTING 0 x 1.25 0 +POWER 15742 TOTAL 15742 /120 = 131.2 A													
CØ LIGHTING 0 x 1.25 0 +POWER 18582 TOTAL 18582 /120 = 154.9 A													
VOLTS: 120/208 V.		65W2 PANEL - C										MOUNTED: FLUSH	
PHASE: 3Ø		ELECTRONICS										BUSSING: 100 AMPS	
WIRE: 4W		MAIN LUGS ONLY										FEEDER: 100 AMPS	
												AIC RATING: 10,000 AIC	
LOAD		A	B	C	BKR	CK	CK	BKR	A	B	C	LOAD	
CK. OUT REG. & PRN		1920			20/1	1	2	20/1	----			SPACE	
SPACE				----		3	4			1920		OFFICE TRAINING	
CCTV MONITOR				300		5	6				1920	OFFICE IT EQUIPMENT	
POD #1		1920				7	8		928			EAS POST & ALARM	
POD #2			800			9	10			1820		OFFICE UPS	
POD #3				800		11	12				1820	COMMERCIAL	
SPACE		----				13	14		800			COMMERCIAL	
ALARM			720		20/1	15	16			800		COMMERCIAL	
TEL. CO.				720		17	18				----	SPACE	
SPACE						19	20		----				
SPACE		----				21	22			----			
SPACE			----			23	24				----		
LIGHTING TOTAL		----	----	----					----	----	----	LIGHTING TOTAL	
POWER TOTAL		3840	1520	1820					1728	4540	3740	POWER TOTAL	
PANEL TOTAL		3840	1520	1820					1728	4540	3740	PANEL TOTAL	
AØ LIGHTING 0 x 1.25 0 +POWER 5568 TOTAL 5568 /120 = 46.4 A													
BØ LIGHTING 0 x 1.25 0 +POWER 6060 TOTAL 6060 /120 = 50.5 A													
CØ LIGHTING 0 x 1.25 0 +POWER 5560 TOTAL 5560 /120 = 46.4 A													
LOAD TABULATION		TOTAL LOAD AØ= PANEL "A" 70.2 A + PANEL "B" 151.3 A + PANEL "C" 46.4 A, TOTAL = 267.9 A											
		TOTAL LOAD BØ= PANEL "A" 72.3 A + PANEL "B" 131.2 A + PANEL "C" 50.5 A, TOTAL = 254.0 A											
		TOTAL LOAD CØ= PANEL "A" 75.4 A + PANEL "B" 154.9 A + PANEL "C" 46.4 A, TOTAL = 276.6 A											
SERVICE SIZE		LARGEST PHASE = 276.6 + 25% OF LARGEST MOTOR (.25 x 20.5A = 5.1A) = 281.7 A											

REVISIONS		1	REV1	4	REV4
		2	REV2	5	REV5
		3	REV3	6	REV6
AutoZone Store No. 4997 15483 NORTH WEST US 441 ALACHULA FL 32615 PANELBOARD / 1-LINE DIAGRAMS AND DETAILS					
ENGINEER: DANNY E. DOSS PE 132 Kelley Drive Rogers, Arkansas 72756 TEL: (479) 631-1712 FAX: (479) 631-1854 For Bidding & Contractor Information Contact: McGraw - Hill Construction Tel. 615-884-1017 www.construction.com					
09/16/14					
65W2-L					
E-4					



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E-MAIL INFO@CLHELT.COM

ARCHITECT'S PROJECT # 14-

Project #
FAMILY DOLLAR
FOR
HAMILTON DEVELOPMENT
15483 NW US HWY 441
ALACHUA COUNTY, FLORIDA 32615
DESIGN BASED ON 2014-01 FD PROTOTYPE

Sheet Description #

ELECTRICAL LOAD

Seal

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Drawn By :
D. MYERS

Checked By :
D. MYERS

Revisions :
①
②
③
④

Date :
7/29/14

Sheet No.
E-1

CONNECTED LOAD SUMMARY (PANEL A)			
LOAD	KVA CONN.	D.F.	KVA NET
LIGHTING	15.5	1.25	19.5
HVAC (LARGEST MTR)	5.7	1.25	7.1
HVAC (REMAINING)	50.1	1.0	50.1
WATER HEATER	1.7	1.25	2.1
RECEPTACLES	5.9	NEC	5.9
OTHER	9.3	1.0	9.3
COOLERS/FREEZERS	24.2	1.0	24.2
TOTAL	112.5		118.2
LOAD CALCULATION			
118.2 KVA / 0.36 KV = 328.3 AMPS			

COOLER/FREEZER ELECTRICAL COORDINATION NOTE:

THE COOLER/FREEZER ELECTRICAL REQUIREMENTS SHOWN ON THESE PLANS ARE BASED ON "MASTER-BILT" UNITS. PRIOR TO PROJECT START THE ELECTRICAL CONTRACTOR SHALL VERIFY WITH THE GC, DEVELOPER AND FD PROJECT MANAGER, THE MANUFACTURER THAT WILL BE USED FOR THE COOLER/FREEZER UNITS. IF ZERO ZERO UNITS WILL BE USED, THEN THE ELECTRICAL CONTRACTOR WILL NEED TO MAKE THE FOLLOWING CIRCUIT BREAKER CHANGES. THE WIRING THAT IS SHOWN IS SIZED TO ACCOMMODATE WORST CASE SCENARIO FOR EITHER MANUFACTURER.

- 1) CIRCUIT BREAKER FOR 3 DOOR FREEZER (OUTDOOR UNIT) SHALL BE CHANGED TO 15A.
- 2) CIRCUIT BREAKER FOR 3 DOOR FREEZER (INDOOR CASE) SHALL BE CHANGED TO 25A.

CONNECTED LOAD SUMMARY (PANEL B)			
LOAD	KVA CONN.	D.F.	KVA NET
LIGHTING	15.6	1.25	19.5
HVAC (LARGEST MTR)	0.0	1.25	0.0
HVAC (REMAINING)	0.0	1.0	0.0
WATER HEATER	0.0	1.25	0.0
RECEPTACLES	3.7	NEC	3.7
OTHER	6.1	1.0	6.1
TOTAL	25.4		29.3
LOAD CALCULATION			
29.3 KVA / 0.36 KV = 81.4 AMPS			

NON-SERVICE ENTRANCE RATED				PANEL A		CLASS: 22K/4C SERIES RATED			
208Y/120 VOLTS, 3Ø, 4W				TYPE:		NEUTRAL: INSO/ISOLATED			
				400 AMP MAIN LUGS ONLY					
KVA CONN.	REMARKS OR EQUIPMENT SERVED	WIRE SIZE	TRIP AMPS	CIRCUIT NO.		KVA CONN.			
HACR	27.9	AC-1	1	100	1 7 2 25	10	3 DOOR FREEZER (MB) COMPRESSOR	5.5	HACR, BL
HACR	27.9	AC-2	1	100	9 11 10 25	10	3 DOOR FREEZER (MB) COMPRESSOR	5.5	HACR, BL
-	-	SPARE	-	20	13 14 15 12	12	4 DOOR COOLER (MB) COMPRESSOR	2.2	HACR, BL
-	-	SPARE	-	20	15 16	12	4 DOOR COOLER (MB) COMPRESSOR	2.2	HACR, BL
-	-	SPARE	-	20	17 18 15	12	4 DOOR COOLER (MB) COMPRESSOR	2.2	HACR, BL
-	-	SPARE	-	20	19 20	12	4 DOOR COOLER (MB) COMPRESSOR	2.2	HACR, BL
-	-	SPARE	-	20	21 22 15	12	4 DOOR COOLER (MB) COMPRESSOR	2.2	HACR, BL
-	-	SPARE	-	20	23 24	10	3 DOOR FREEZER CASE (MB)	2.7	BL
-	-	SPARE	-	20	25 26	20	4 WIRE(2H,N,G)	2.7	BL
-	-	SPARE	-	20	27 28	10	3 DOOR FREEZER CASE (MB)	2.7	BL
-	-	SPARE	-	20	29 30	20	4 WIRE(2H,N,G)	0.4	BL
-	-	SPARE	-	20	31 32	15	4 DOOR COOLER CASE (MB)	0.4	BL
-	-	SPARE	-	20	33 34	15	4 DOOR COOLER CASE (MB)	0.4	BL
-	-	SPARE	-	20	35 36	15	4 DOOR COOLER CASE (MB)	0.4	BL
-	-	SPARE	-	20	37 38	15	4 DOOR COOLER CASE (MB)	0.4	BL
-	-	SPARE	-	20	39 40	20	COMMUNICATION BOARD (IG)	0.2	BL
-	-	SPARE	-	20	41 42	20	COMMUNICATION BOARD (IG)	0.2	BL
1.5	HAND DRYER	12	20	43	44	20	RECP - OFFICE (IG)	0.4	
1.5	HAND DRYER	12	20	45	46	20	WGR. WORK STATION (IG)	0.2	
1.7	WATER HEATER	12	20	47	48	20	CASH REGISTERS A & D (IG)	0.4	
25.4	PANEL B	1	125	51	50	20	CASH REGISTERS B & C (IG)	0.4	
				53	52	20	ATM & APP STATION (IG)	0.2	
					54	20	DUCT DETECTORS	0.2	
85.9	SUBTOTAL								26.6
					TOTAL KVA	112.5			

SEE COOLER/FREEZER ELECTRICAL COORDINATION NOTE SINCE DRAWING.

BL - PROVIDE BREAKER LOOKING DEVICE
HACR - PROVIDE HACR TYPE BREAKER
DOOR - IN DOOR PANEL CONSTRUCTION WITH COPPER BUSSES

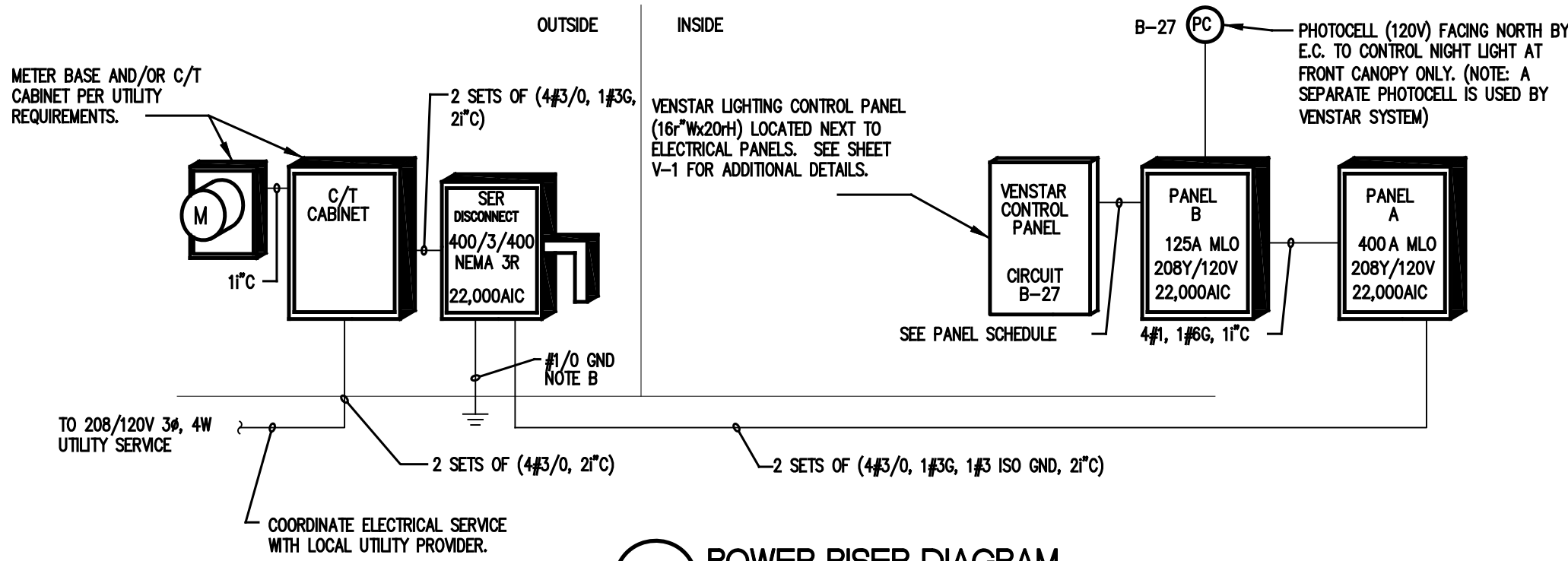
BL - PROVIDE BREAKER LOCKING DEVICE
HACR - PROVIDE HACR TYPE BREAKER
DOOR IN DOOR PANEL CONSTRUCTION WITH COPPER BUSSES

NON-SERVICE ENTRANCE RATED		PANEL B		CLASS: 22K/4C SERIES RATED							
208Y/120 VOLTS, 3Ø, 4W		TYPE:		NEUTRAL: INSO/ISOLATED							
		125 AMP MAIN LUGS ONLY									
		REMARKS OR EQUIPMENT SERVED									
		WIRE SIZE									
		TRIP AMPS									
		CIRCUIT NO.									
KVA CONN.								KVA CONN.			
BL	0.3 LIGHTING – EMERG/EGRESS	12	20	1	2	20	12	BUILDING SIGN	1.2	(S/S)	
	1.4 LIGHTING – SALES AREA	12	20	3	4	20	–	SPARE	–	(S/S)	
(WORK)	0.7 LIGHTING – SALES AREA	12	20	5	6	20	8	PYLON SIGN	0.5	(S/S)	
(WORK)	– SPARE	–	20	7	8	20	10	EXT. LIGHTS – BLDG.	0.7	(S/S)	
(WORK)	0.6 LIGHTING – RECEIVING	12	20	9	10	20	6	EXT. LIGHTS – POLE LTS	1.5	(S/S)	
(SALES)	0.9 LIGHTING – SALES AREA	12	20	11	12	20	4	EXT. LIGHTS – POLE LTS	1.5	(S/S)	
(SALES)	1.5 LIGHTING – SALES AREA	12	20	13	14	20	–	SPARE	–	(S/S)	
(SALES)	1.4 LIGHTING – SALES AREA	12	20	15	16	20	–	SPARE	–	(S/S)	
(SALES)	1.6 LIGHTING – SALES AREA	12	20	17	18	20	–	SPARE	–	(S/S)	
(SALES)	0.9 LIGHTING – SALES AREA	12	20	19	20	20	12	RECEPT – EXT.	0.4		
(SALES)	0.9 LIGHTING – SALES AREA	12	20	21	22	20	12	RECEPT – EXT.	0.4		
(SALES)	– SPARE	–	20	23	24	20	12	RECEPT – OFFICE	0.4		
(SALES)	– SPARE	–	20	25	26	20	12	RECEPT – BREAK AREA	0.4		
BL	0.2 PHOTOCELL/VENSTAR	12	20	27	28	20	12	RECEPT – RRS / DOOR BELL	0.5		
GFI	0.5 HEAT TAPE/ HOT BOX	12	20	29	30	20	12	DRINKING FOUNTAIN	0.5		
	– SPARE	–	20	31	32	20	12	PROMO DISPLAY(S)	0.5	BL	
	0.4 RECEPT – SALES AREA	12	20	33	34	20	12	COKE/PEPSI MACHINES	1.0	BL	
	0.4 RECEPT – MONITORS	12	20	35	36	20	12	ICE CREAM FREEZER	1.0	BL	
HT	0.2 CASH REGISTER A (DIRTY)	12	20	37	38	20	10	WATER VENDING MACHINE	1.3	BL	
HT	0.2 CASH REGISTER B (DIRTY)	12	20	39	40	20	10	HEATER – WATER MACHINE	0.6	BL	
HT	0.4 CASH REGISTERS CAD (DIRTY)	12	20	41	42	20	12	AUTOMATIC DOOR	0.5		
12.5 SUBTOTAL		TOTAL KVA						25.4	SUBTOTAL		12.9

(WORK) - EMPLOYEE WORK LIGHTING (CIRCUIT VIA VENSTAR SYSTEM CONTACTOR 1)
(SALES) - CUSTOMER LIGHTING (CIRCUIT VIA VENSTAR SYSTEM CONTACTORS 2,3 & 4)
(S/S) - SIGN & SITE LIGHTING (CIRCUIT VIA VENSTAR SYSTEM CONTACTORS 5 & 6)
GFI - PROVIDE GFI BREAKER
BL - PROVIDE BREAKER LOCKING DEVICE
DOOR IN DOOR PANEL CONSTRUCTION WITH COPPER BUSSES
HT - PROVIDE HANDLE TIES FOR CIRCUITS SHARING NEUTRAL

RISER NOTES:

- ALL CONDUCTOR SIZES BASED ON COPPER, 75° C LUGS.
- PROVIDE COMPLETE GROUNDING ELECTRODE SYSTEM. PROVIDE GROUNDING ELECTRODE CONDUCTOR AT SERVICE ENTRANCE OVERCURRENT PROTECTION DEVICE, AND BOND TO COLD WATER PIPING, METAL FRAME OF BUILDING, AND TO (3) 3/4"x10'0" COPPER GROUND RODS.
- COORDINATE INSTALLATION OF BONDING PROVISIONS FOR CONCRETE-ENCASED ELECTRODE IN FOOTING AT TIME FOOTINGS ARE INSTALLED FOR INSPECTION BY ELECTRICAL INSPECTOR. THERE SHALL BE NO SPLICES IN THE GROUNDING ELECTRODE CONDUCTOR.
- ELECTRICAL CONTRACTOR SHALL PROVIDE METER BASE AND CT CABINET TO UTILITY SPECIFICATIONS.
- FIELD COORDINATE ALL ELECTRICAL SERVICE REQUIREMENTS WITH LOCAL UTILITY COMPANY PRIOR TO PROJECT START UP. ALL WORK MUST CONFORM TO ALL LOCAL UTILITY RULES AND REGULATIONS.
- ONLY U.L. LISTED EQUIPMENT SHALL BE USED.
- ALL DEVICES ARE 3 POLE U.N.O.
- ALL NEW COMPONENTS SHOWN ON THE RISER DIAGRAM SHALL BE "SERIES COMBINATION RATED SYSTEM" ADEQUATE FOR THE MAXIMUM FAULT CURRENT AVAILABLE AT THE POINT OF APPLICATION, INCORPORATING THE CURRENT LIMITING DEVICE AS SPECIFIED, SHOP DRAWINGS SHALL INDICATE SERIES COMBINATION RATING AND INCLUDE A COPY OF ALL LABELING, INCLUDING RESPECTIVE U.L. LISTING.



1 POWER RISER DIAGRAM
DIAGRAMMATIC ONLY