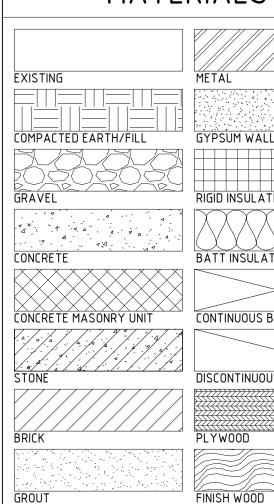
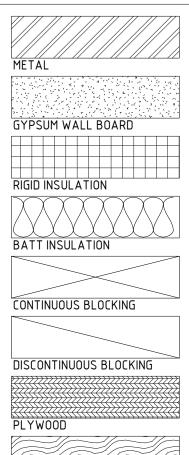
## SYMBOLS

## **MASTER BATH** ROOM NAME ROOM # 227 WALL FLOOR WALL FIN FIN BASE PT1 HDWD WD ROOM TAG PROJECT KEYNOTE - CSI SECTION, FOLLOWED BY SPECIFIC NOTE 03 006 KEYNOTE TAG PARTITION FIRE ACCOUSTICAL TYPE RATING RATING D 1 A PARTITION TAG WINDOW TAG DOOR TAG

## MATERIALS





## ABBREVIATIONS

FT FEET

|      |                              | • • • • • • |                 |
|------|------------------------------|-------------|-----------------|
| AFF  | ABOVE FINISHED               | FTG         | FOOTING         |
| ACT  | FLOOR<br>ACCOUSTIC CEILING   | GL          | GLASS / GLAZING |
| ARCH | TILE<br>ARCHITECTURAL        | GYP         | GYPSUM BOARD    |
| СРТ  | CARPET                       | HDCP        | HANDICAPPED     |
| ст   | CERAMIC TILE                 | HDWD        | HARDWOOD        |
| CLR  | CLEAR                        | INT         | INTERIOR        |
| CFMF | COLD FORMED<br>METAL FRAMING | MTL         | METAL           |
| COL  | COLUMN                       | MIN         | MINIMUM         |
| CONT | CONTINUOUS                   | NIC         | NOT IN CONTRACT |
| CTR  | COUNTER                      | NTS         | NOT TO SCALE    |
| DIM  | DIMENSION                    | PT          | PAINT           |
| DN   | DOWN                         | RM          | ROOM            |
| EXP  | EXPOSED                      | RO          | ROUGH OPENING   |
| FF   | FINISHED<br>FLOOR            | ST          | STONE           |
| FIN  | FINISH(ED)                   | WB          | WALL BASE       |

WD WOOD



INTERSECTION OF ALLEY AND JOHN R STREET



EAST ELEVATION



INTERSECTION OF ALFRED ST AND JOHN R STREET



SOUTH ELEVATION



## LOCATION MAP



## SHEET LIST

| Sheet Group | Sheet Discipline | Sheet # | Sheet Name                       | SD REVISION |
|-------------|------------------|---------|----------------------------------|-------------|
|             | ·                |         |                                  | 1-5         |
| GE          | NERAL            |         |                                  |             |
| 1           | GENERAL          | A000    | COVER SHEET                      |             |
|             | CHITECTURAL      |         |                                  |             |
| 3           | ARCHITECTURAL    | A001    | BUILDING PLACEMENT AND SITE PLAN |             |
| 3           | ARCHITECTURAL    | A002    | PERSPECTIVE VIEWS                |             |
| 3           | ARCHITECTURAL    | A003    | SECTIONAL PERSPECTIVE            |             |
| 3           | ARCHITECTURAL    | A004    | INTERIOR NARRATIVE               |             |
| 3           | ARCHITECTURAL    | A010    | CODE & LIFE SAFETY               |             |
| 3           | ARCHITECTURAL    | A100    | OVERALL PLAN - LEVEL 1           |             |
| 3           | ARCHITECTURAL    | A200    | BASEMENT FLOOR PLAN              |             |
| 3           | ARCHITECTURAL    | A201    | LEVEL 1 FLOOR PLAN               |             |
| 3           | ARCHITECTURAL    | A202    | LEVEL 2 FLOOR PLAN               |             |
| 3           | ARCHITECTURAL    | A203    | LEVEL 3 FLOOR PLAN               |             |
| 3           | ARCHITECTURAL    | A204    | LEVEL 4 FLOOR PLAN               |             |
| 3           | ARCHITECTURAL    | A205    | LEVEL 5 FLOOR PLAN               |             |
| 3           | ARCHITECTURAL    | A206    | ROOF PLAN                        |             |
| 3           | ARCHITECTURAL    | A210    | GARAGE PLANS                     |             |
| 3           | ARCHITECTURAL    | A211    | GARAGE PLANS                     |             |
| 3           | ARCHITECTURAL    | A220    | TOWNHOME PLANS                   |             |
| 3           | ARCHITECTURAL    | A221    | TOWNHOME PLANS                   |             |
| 3           | ARCHITECTURAL    | A301    | BUILDING ELEVATIONS              |             |
| 3           | ARCHITECTURAL    | A302    | BUILDING ELEVATIONS              |             |
| 3           | ARCHITECTURAL    | A310    | BUILDING SECTIONS                |             |
| 3           | ARCHITECTURAL    | A311    | BUILDING SECTIONS                |             |
| 3           | ARCHITECTURAL    | A312    | BUILDING SECTIONS                |             |
| 3           | ARCHITECTURAL    | A320    | WALL SECTIONS                    |             |
| 3           | ARCHITECTURAL    | A321    | WALL SECTIONS                    |             |
| 3           | ARCHITECTURAL    | A322    | WALL SECTIONS                    | $\square$   |
| 3           | ARCHITECTURAL    | A410    | UNIT 4 - INTERIORS               | $\square$   |
| 3           | ARCHITECTURAL    | A411    | UNIT 4 - INTERIORS               | $\square$   |
| 3           | ARCHITECTURAL    | A601    | LEVEL 1 RCP                      | $\square$   |
| 3           | ARCHITECTURAL    | A602    | Level 2 RCP                      |             |
| 3           | ARCHITECTURAL    | A603    | Level 3 RCP                      |             |
| 3           | ARCHITECTURAL    | A604    | Level 4 RCP                      |             |
| 3           | ARCHITECTURAL    | A605    | Level 5 RCP                      |             |



## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

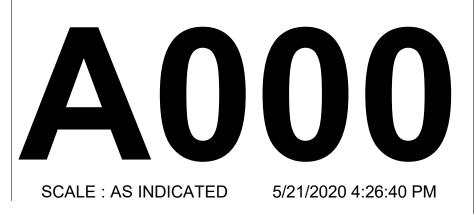
STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

## ARCHITECTS

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

| DRAWING ISSUE  | DATE       |
|----------------|------------|
|                |            |
| SD PROGRESS    | 05.11.2020 |
| HDC SUBMISSION | 05.22.2020 |
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**COVER SHEET** 





|            |  | GRAPHIC SCALE   |
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|            | DECIDUOUS TREE PLANT L   |   |
|            | COMMON NAME<br>Red Maple   | SCIENTIFIC NAME   |
|            | Red Maple<br>Red Oak   | Acer rubrum<br>Quercus rubra  |
|            | Greenspire Linden  | Tilia cordata 'Greenspire'  |
|            |  |   |
|            | SHRUB PLANT LIST:  |   |
|            | COMMON NAME<br>Endless Summer Hydrangea  | SCIENTIFIC NAME Hydrangea macrophylla 'Endless Summer'                    |
|            | Blue Arrow Juniper   | Juniperus scopulorum 'Blue Arrow'   |
|            | Mohican Viburnum   | Viburnum lantana 'Mohican'  |
|            |  |   |
| L          | PERENNIAL PLANT LIST:<br>COMMON NAME   | SCIENTIFIC NAME   |
|            | Summer Beauty Onion  | Allium 'Summer Beauty'  |
|            | Summer Wine Yarrow   | Achillea millefolium 'Summer Wine'  |
|            | Walkers low Catmint  | Nepeta x faassenii 'Walkers Low'  |
|            | Clematis<br>Sparkling Burgandy Coral Bells   | Clematis 'Kilian Donahue'   |
|            | Sparkling Burgandy Coral Bells   | Heuchera 'Sparkling Burgandy'<br>Lavendula angustifolia 'Munstead Strain' |
|            | Shenendoah Switch Grass  | Panicum virgatum 'Shenandoah'   |
|            | Heavy Metal Switch Grass   | Panicum virgatum 'Heavy Metal'  |

Heavy Metal Switch Grass

ALLE

Z

## 2827 JOHN R STREET DETROIT MI 48201

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## PEA, Inc.

45 W. GRAND RIVER AVE. SUITE 501 DETROIT, MICHIGAN 48226 313.769.5770

| DRAWING ISSUE  | DATE       |
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| HDC SUBMISSION | 05.22.2020 |
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SCALE: 1" = 10'

Panicum virgatum 'Heavy Metal'

## LANDSCAPE PLAN







## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

### LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

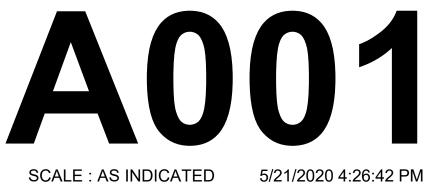
## MEP ENGINEER

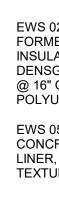
STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

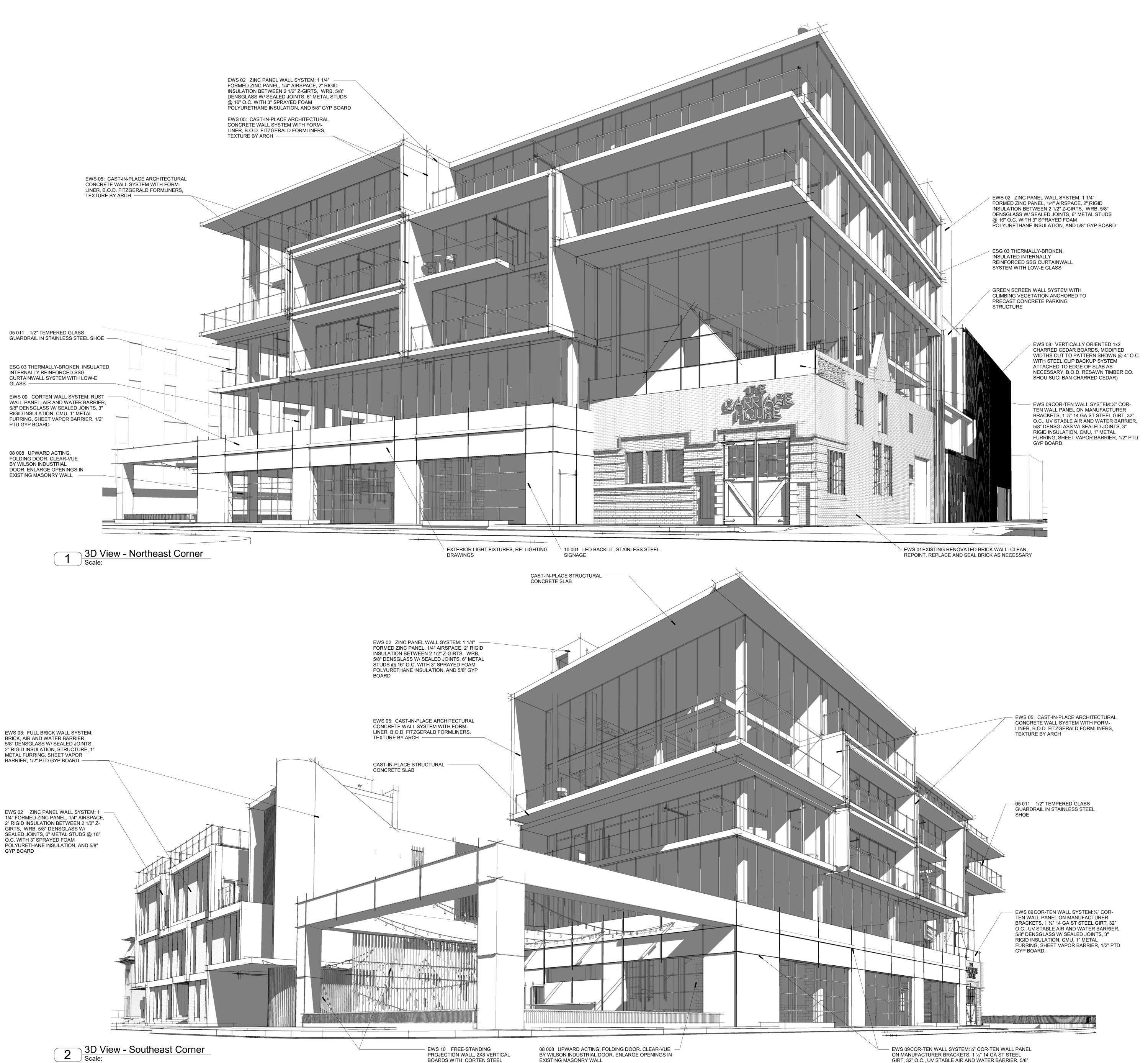
## ARCHITECTS

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|                |            |
| SD PROGRESS    | 05.11.2020 |
| HDC SUBMISSION | 05.22.2020 |
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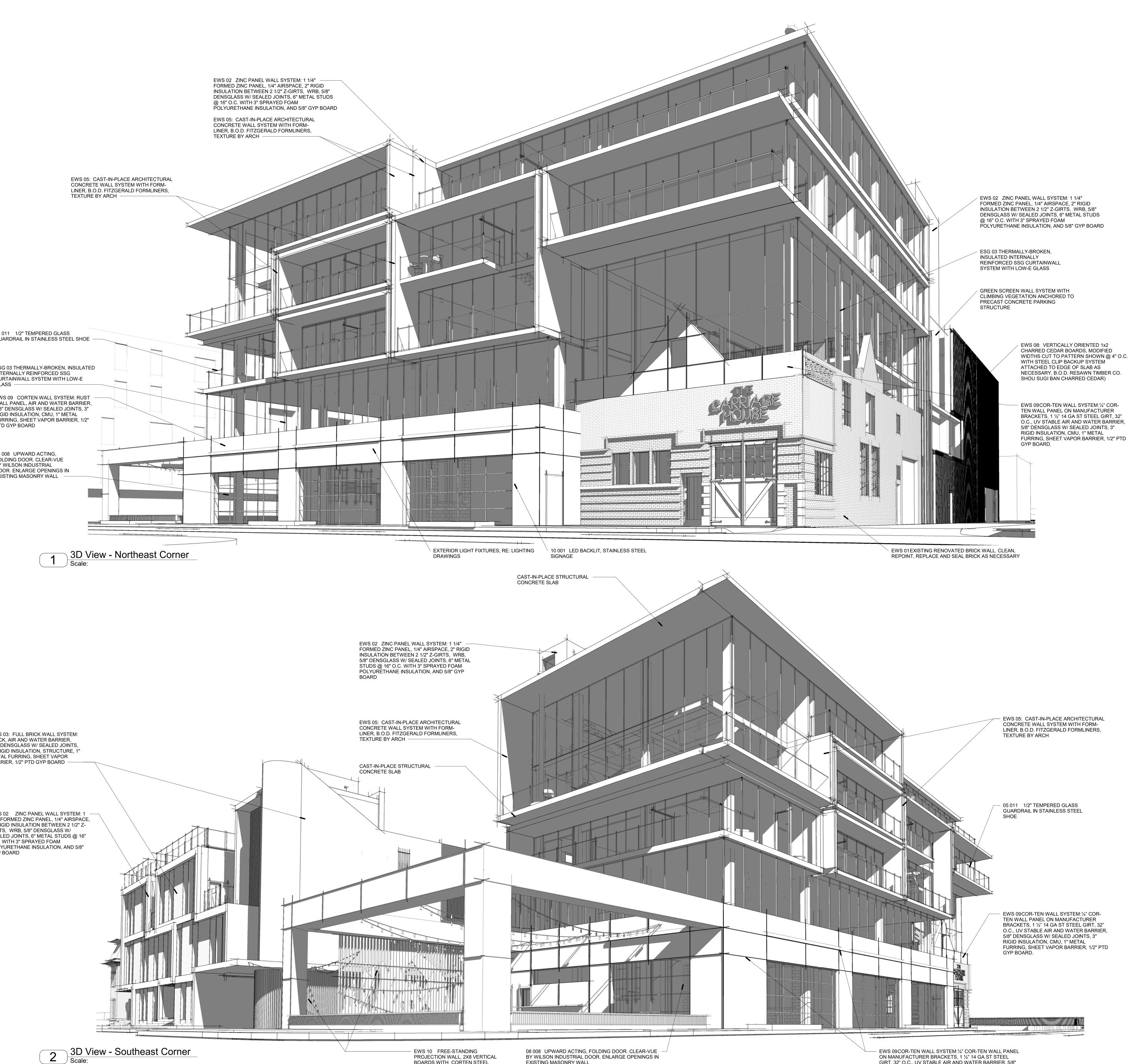






PANELS ON ONE SIDE







BRA PROJECT #

## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

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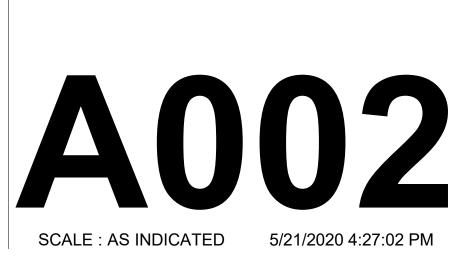
## **MEP ENGINEER**

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

## ARCHITECTS

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

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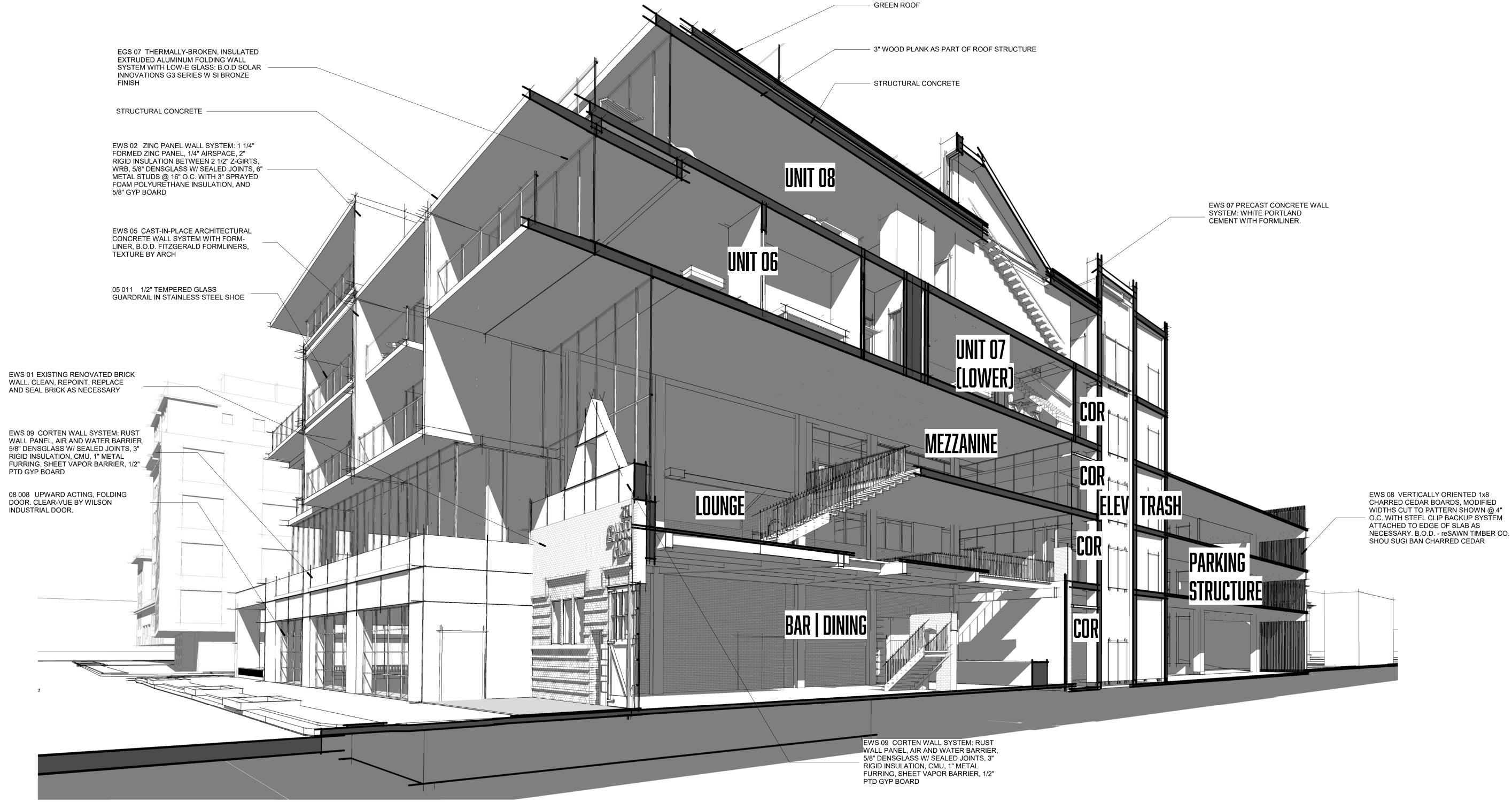


DENSGLASS W/ SEALED JOINTS, 3" RIGID INSULATION, CMU, 1" METAL FURRING, SHEET VAPOR BARRIER, 1/2"

PTD GYP BOARD.

PERSPECTIVE VIEWS

## FINISH



1 LONGITUDINAL SECTIONAL PERSPECTIVE





## **DETROIT MI 48201**

### OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

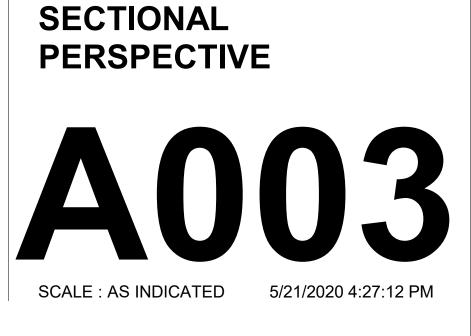
PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

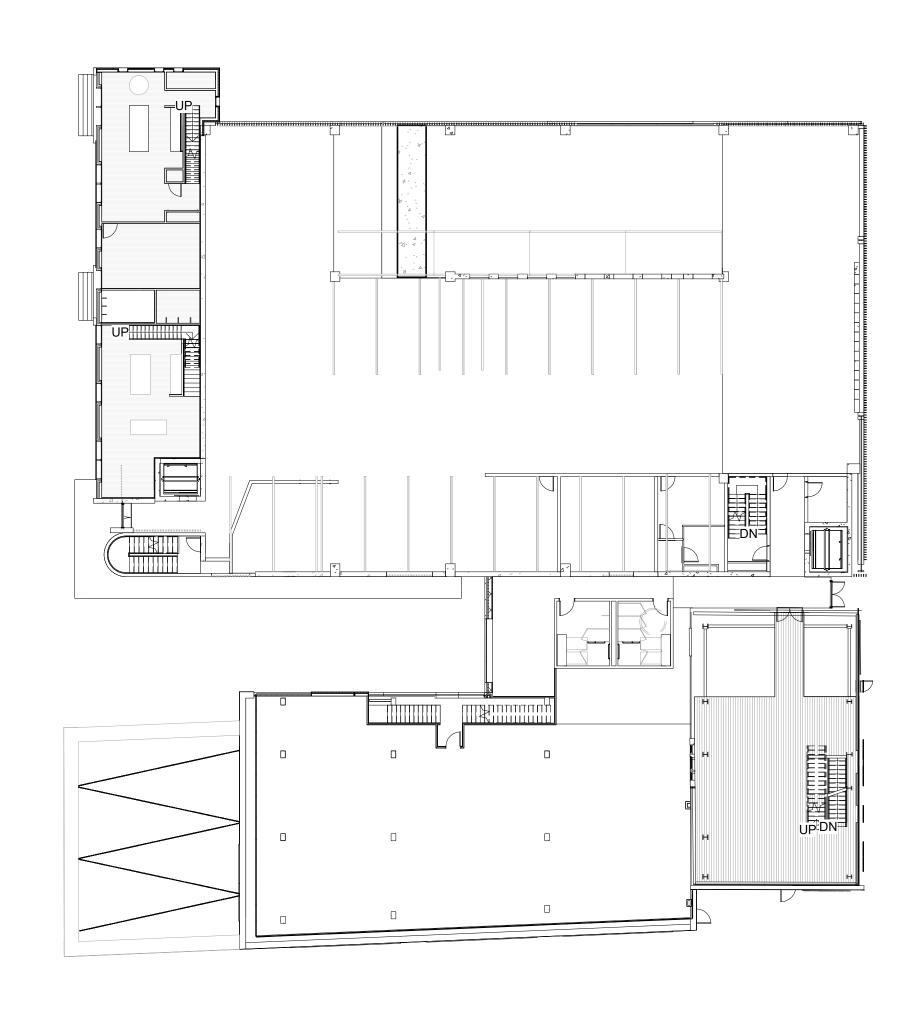
## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

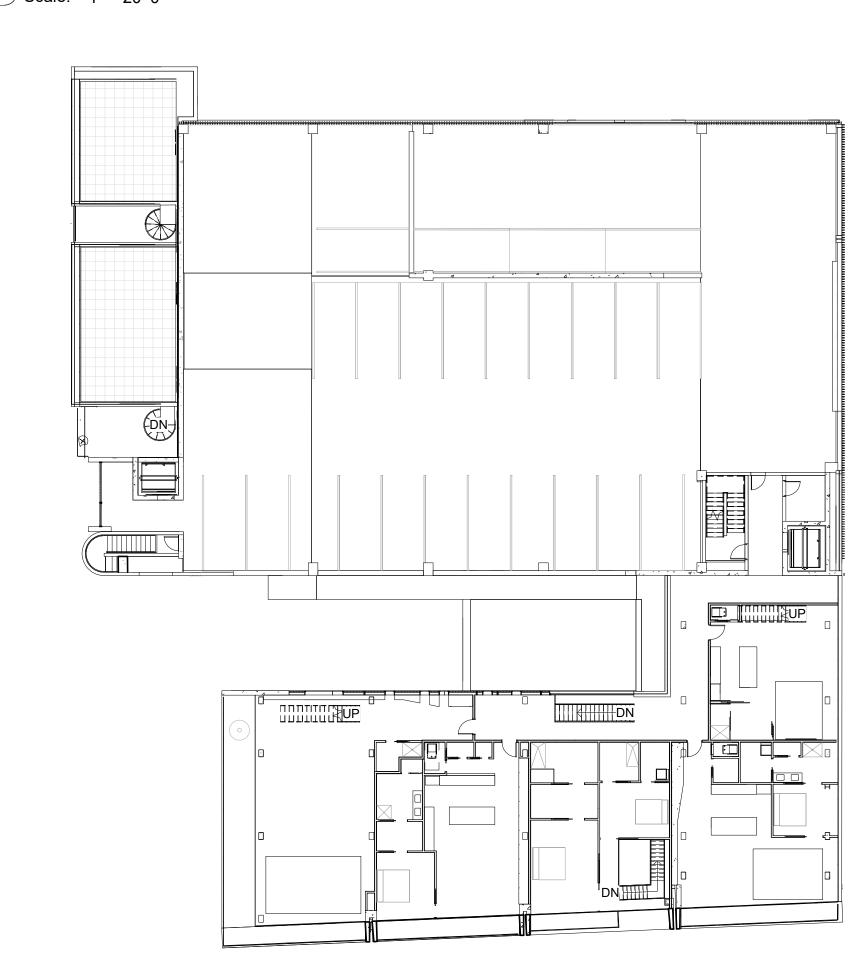
# ARCHITECTS

| DRAWING ISSUE  | DATE       |
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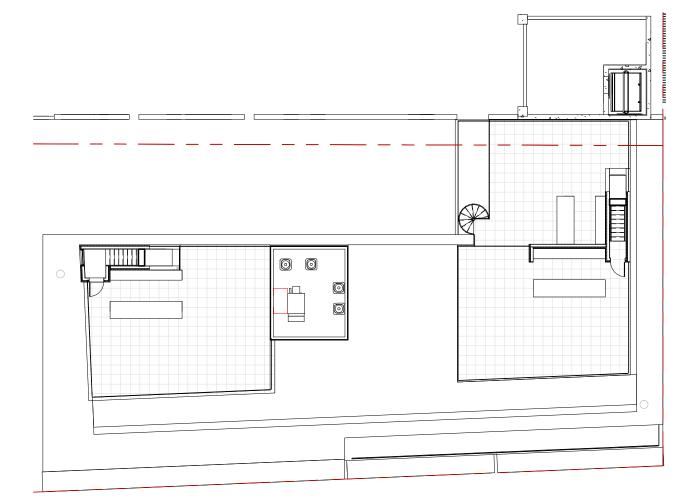


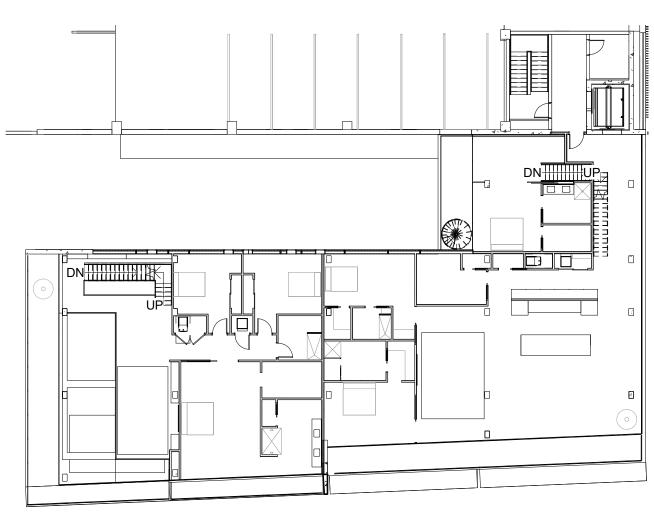


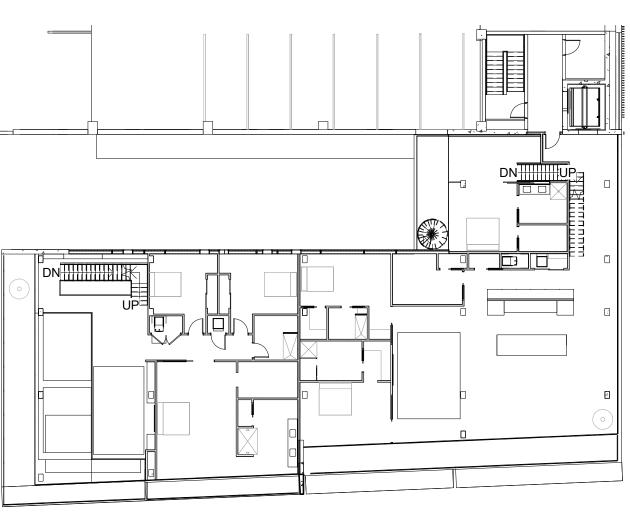
4 X\_LIFE SAFETY\_LEVEL 4 Scale: 1" = 20'-0"



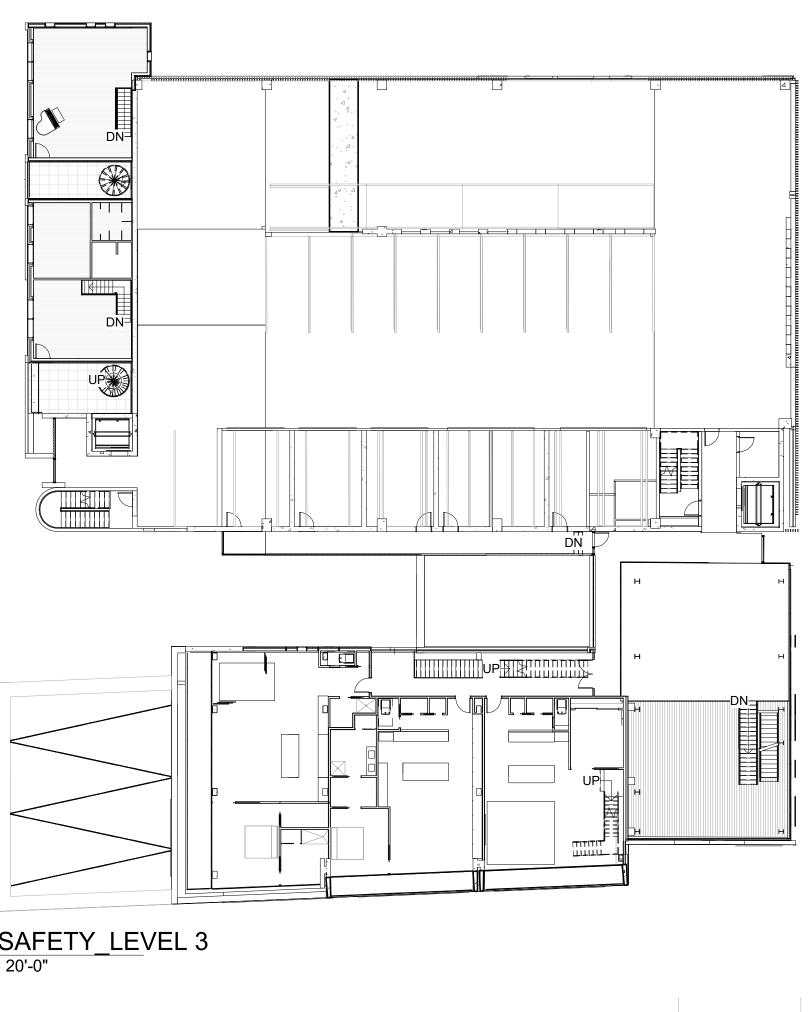
6 x\_LIFE SAFETY\_ROOF Scale: 1" = 20'-0"



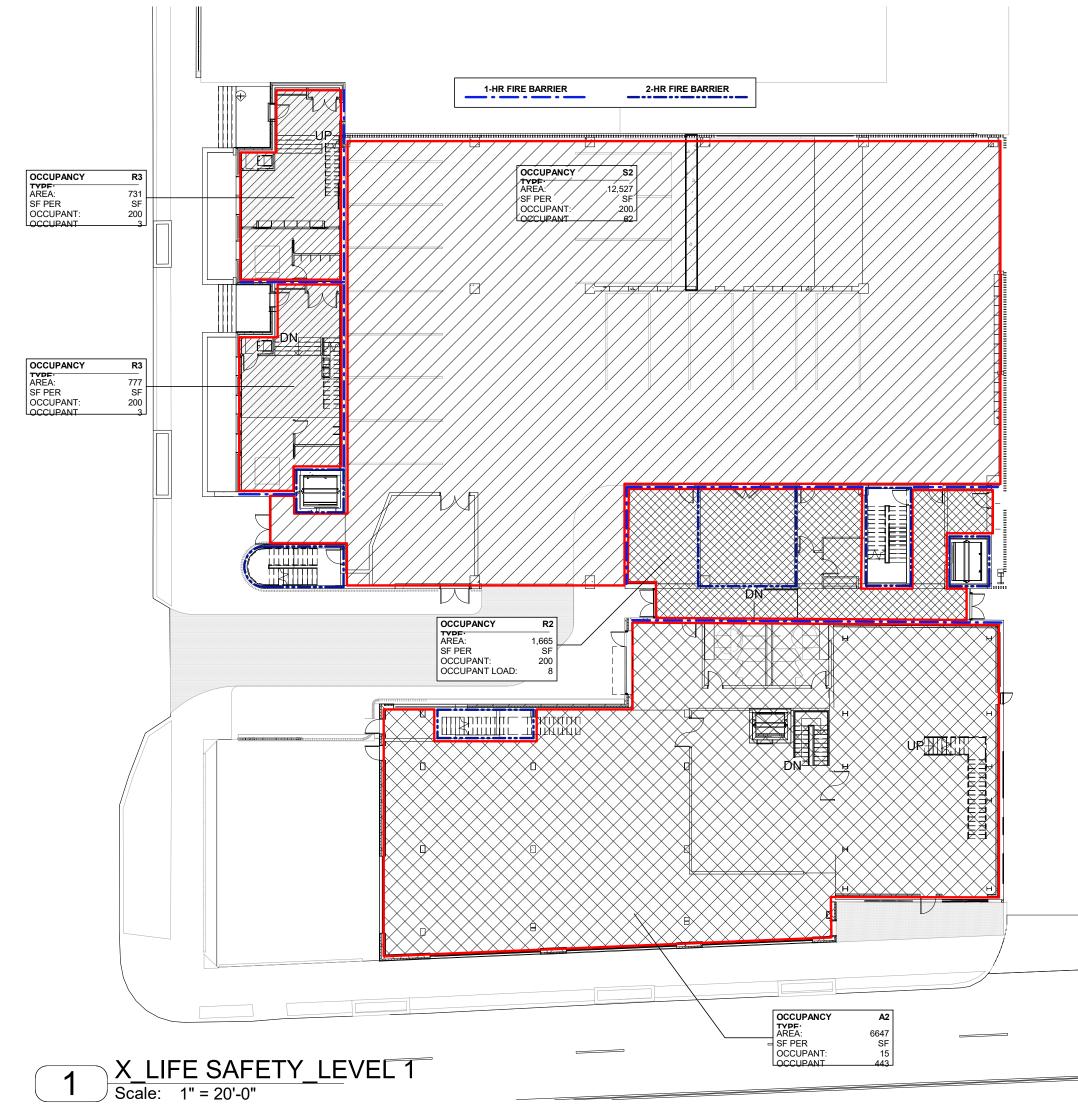




## 5 X\_LIFE SAFETY\_LEVEL 5 Scale: 1" = 20'-0"







| PROJECT                          | -   | 7 John R Street   |  |  |   |
|----------------------------------|---|---|--|--|---|
|                                  |   | roit, MI 48201<br>72'-0"  |  |  |   |
|                                  |   |   |  |  |   |
| GFA -                            | HEAD H  | IOUSE   | GFA  | - Parking (  | Jarage  |
| Name                             | Level   | Area  | Name   | Level  | Area  |
| Restaurant                       | Level 1   | 8,122 SF  | PG - L1  | Level 1  | 12,822  |
| Commercial                       | Level 2   | 7,201 SF  | PG - L2  | Level 2  | 12,88   |
| + Lounge                         |   |   | PG - L3  | Level 3  | 12,92   |
| Res - L3                         | Level 3   | 4,837 SF  | PG - L4  | Level 4  | 11,11   |
| A2 - L3<br>Res - L4              | Level 3<br>Level 4  | 1,007 SF<br>6,537 SF  |  |  | 49,75   |
| Res - L4                         | Level 4   | 6,713 SF  |  |  |   |
|                                  |   | 34,417 SF   |  |  |   |
| GFA                              | - TOWNI   | HOME  |  |  |   |
| Name                             | Level   | Area  |  |  |   |
| TH - L1                          | Level 1   | 1 725 85  |  |  |   |
| TH - L1                          | Level 1   | 1,735 SF<br>1,919 SF  |  |  |   |
| TH - L3                          | Level 3   | 748 SF  |  |  |   |
| TH - L3                          | Level 3   | 681 SF  |  |  |   |
|                                  |   | 5,083 SF  |  |  |   |
| APPLICABLE CODE<br>2015 Michigan |   |   | 2015 Michigan Ene  | ergy Code  |   |
|                                  |   | for Existing Buildings  | 2015 Michigan Me   | chanical Code  |   |
|                                  | 1 Residential Code<br>onal Building Code (1                   | Chapter 11)   | 2015 Michigan Plu<br>2015 Michigan Ele   | NY COLORIS CONTRACTOR DESIGN   |   |
| 2015 Internati                   | onal Building Code (  | Appendix E)   | 2009 ICC Ansi 117  | .1, The Americans with D   | lisabilities Act  |
| PROJECT DATA                     | Areas:  | Level One   | 22,680 GSF   |  |   |
|                                  |   | Level Two   | 22,010 GSF   |  |   |
|                                  |   | Level Three<br>Level Four   | 19,190 GSF<br>17,655 GSF   |  |   |
|                                  |   | <u>Level Five</u><br>Total  | <u>6.715 GSF</u><br>88,250 GSF   |  |   |
|                                  |   | TUTAL   | 00,200 031   |  |   |
|                                  | Occupant Co   | unt: Assembly (tables and<br>Residential 200sf gross and  | I chairs) 15 net, Assembly<br>Parking Garages 200st g  |  | t fixed) 7sf net, Bu  |
|                                  |   | -   |  |  |   |
| CODE CLASSIFICAT                 | Use Group:  | Type: IIB (Non-Combustible<br>A-2, B, R-2, R-3 and  | AND SALES AND SALES AND  |  |   |
|                                  | 12691010100944 <b>*</b> 8*                                    |   |  |  |   |
| Allowat                          | le Building Heigh   | ts, Number of Stories and   | Allowable Area Factor  | (Table 504.3, 504,4 A  | ND 506.2)   |
| OCC CLASS                        | PROPOSED  | NS  | S13R SM  | S1   | CONSTRUCT<br>TYPE   |
|                                  | HT'/STORY/KSF   | HT'/STORY/KSF HT'/S   | TORY/KSF HT'/STORY/I   | KSF KSF  |   |
| A-2                              | 39/3/12.5   | 55/2/9.5  | N/A 75/3/28.   | .5 38  | IIB   |
|                                  |   |   |  |  |   |
| В                                | 12/1/3.9  | SCHOOL PERFIX   | N/A 75/4/69  |  | IIB   |
| R-2                              | 62/5/16.9   | 55/4/16 60  | 0/4/16 75/5/48   | 3 64   | IIB   |
| R-3                              | 38/3/5.2  | 55/4/UL 60  | /4/UL 75/5/UI  | . UL   | IIB   |
| S-2                              | 48/4/49.7   | 55/3/26   | N/A 75/5/78  | 64   | IIB   |
|                                  |   | rade w/ sprinkler system per Sectio   | n 903.3.1.1, <b>SM</b> : 2 or more storie  | s above grade p <b>l</b> ane w/ sprink   | er system per Section   |
| 903.3.1.1 and S13R: spri         | nkler system per Section                                      | 903.3.1.2   |  |  |   |
|                                  |   | xed Occupancy, Multi-Story  |  | (  |   |
|                                  | um of the ratios of t   | he actual area of each story  | divided by the allowable ar  |  |   |
|                                  |   |   |  | included on part of this r   | arainat Labook C 2  |
|                                  |   | n: A fully functioning fire s   |  | included as part of this p   | project <i>[check S-2</i>   |
|                                  | Fire Suppression<br>requirements] S                           | n: A fully functioning fire s<br>903.2.10   | uppression system will be  |  |   |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter   | uppression system will be<br>of the building is accessibl  |  |   |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):   | le (451'-6" of total perim   |   |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)   | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):   | le (451'-6" of total perim<br>D hours<br>D/2 hours   | neter 782'-3")  |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)   | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T  | le (451'-6" of total perim<br>D hours<br>D/2 hours   | neter 782'-3")  |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar  | neter 782'-3")<br>Section 704.10)                                     |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)   | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours  | neter 782'-3")<br>Section 704.10)                                     |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)   | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours  | neter 782'-3")<br>Section 704.10)                                     |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours   | neter 782'-3")<br>Section 704.10)                                     |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts   | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours  | neter 782'-3")<br>Section 704.10)                                     |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours<br>2 hours   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)                  |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>Separations  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)                  |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>Separations  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structura<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>Shafts  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>equired Separation of O   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br>ccupancies (Hours)   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 1 stor<br>Shafts<br>(1hr where < | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>equired Separation of O  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br>ccupancies (Hours)<br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>B <sup>e</sup> , F-1<br>S-1<br>NS S<br>NS S<br>2 N<br>1 1<br>1   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>(1hr where < 0 stor)<br>(1hr where < 0     | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>I -1°, I-3, I-4 I-2 R <sup>o</sup><br>i 1 2 2 NP 1<br>N N 2 NP 1  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>N<br>S<br>S<br>N<br>S<br>N<br>S<br>S<br>N<br>S<br>S<br>N<br>S<br>S<br>N<br>S<br>S<br>N<br>S<br>S<br>N<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>(1hr where < 1hr where <                               | uppression system will be<br>of the building is accessible<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>1 - 2 - N + 3 - 1 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 +  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 ar<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br>F-2, <b>s</b> -2 <sup>b</sup> , U<br>F-2, <b>s</b> -2 <sup>b</sup> ,  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 4 stor<br>(1hr where < 0 stor)<br>(1hr where < 0     | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>ties)<br>ties)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 and<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>F-2, S-2 <sup>b</sup> , U<br>S NS<br>S   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stors<br>Shafts<br>(1hr where connecting < 4 stors<br>Shafts<br>(1hr where connecting < 4 stors<br>Shafts<br>(1hr where connecting < 4 stors<br>Separations<br>Table 508.4 Ref<br>A.E.N.N<br>I.1%, I-3, I-4<br>I.2<br>Ref<br>F-2, S-2% U<br>R <sup>a</sup> = Section 420.2 requires so<br>hour and 0.5 hour in IIB, IIIB a   | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>1-1°, 1-3, 1-4 1-2 R <sup>4</sup><br>is NS S NS S 1<br>1 2 2 NP 1<br>N N 2   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br><b>F</b> -2, <b>S</b> -2 <sup>b</sup> , U<br><b>F</b> -2, <b>S</b> -2 | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 1 stor<br>Rafter = N N<br>Rafter = Shafts<br>(1hr where connecting < 1 stor<br>Rafter = Shafts<br>(1hr where  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>1 - 1°, 1-3, 1-4 1-2 R <sup>4</sup><br>s NS S NS S 1<br>1 2 2 NP 1<br>N N   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>3 NS S<br>2 N 1<br>1<br>1<br>N 1<br>N 1<br>N 1<br>N 1<br>N 1<br>N 1  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stors<br>Shafts<br>(1hr where connecting < 4 stors<br>Shafts<br>(1hr where connecting < 4 stors<br>Shafts<br>(1hr where connecting < 4 stors<br>Separations<br>Table 508.4 Ref<br>A, E N N<br>1-1°, 1-3, 1-4<br>Ref<br>F-2, S-2°, U<br>R <sup>a</sup> = Section 420.2 requires so<br>hour and 0.5 hour in IIB, IIIB a<br>units in accordance with Section  | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>1 - 1°, 1-3, 1-4 1-2 R <sup>e</sup><br>is NS S NS S 1<br>1 2 2 NP 1<br>N N 2 NP   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br><b>F</b> -2, <b>S</b> -2 <sup>b</sup> , U<br><b>B</b> <sup>e</sup> , <b>F</b> -1<br><b>S NS S</b><br>2 <b>N 1 1</b><br>NP <b>1 2 1</b><br>NP <b>1 2</b><br>N <b>1 1</b><br>N <b>1</b><br>N <b>1</b><br><b>1</b><br>N <b>1</b><br><b>1</b><br>N <b>1</b><br><b>1</b><br>N <b>1</b><br><b>1</b><br><b>1</b><br>N <b>1</b><br><b>1</b><br><b>1</b><br><b>1</b><br><b>1</b><br><b>1</b><br><b>1</b><br><b>1</b>   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>303.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 1 stor<br>Real and Shafts<br>(1hr where connecting < 1 stor<br>(1hr where < 1 stor)<br>(1hr where < 1 stor)<br>(               | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>1-1°, 1-3, 1-4<br>1 2 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 1 N 1<br>2 1 N 1<br>2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 1 N 1<br>2   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br>ccupancies (Hours)<br>$F-2, S-2^{b}, U$<br>$F-2, S-2^{b}, U$  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>303.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 storest<br>Shafts<br>(1hr where connecting < 1 storest<br>Shafts<br>(1hr where               | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separati<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>1-1°, 1-3, 1-4<br>1 2 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 1 N 1<br>2 1 N 1<br>2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 2 NP 1<br>1 N N 2 NP 1<br>1 1 2 1 N 1<br>2   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 and<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br>F-2, S-2b, U<br>F-2, S-2b  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>303.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 storest<br>Shafts<br>(1hr where connecting < 1 storest<br>Shafts<br>(1hr where               | uppression system will be<br>of the building is accessibl<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>equired Separation of O<br>$\frac{1-1^{\circ}, 1-3, 1-4}{N} = \frac{1-2}{N} = \frac{R^{\circ}}{N}$<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>control Separation of O<br>ries = NS = NS = NS = 1<br>N = 2 = NP = 1   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 and<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br>F-2, S-2b, U<br>F-2, S-2b  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>303.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 storest<br>Shafts<br>(1hr where connecting < 1 storest<br>Shafts<br>(1hr where               | uppression system will be<br>of the building is accessible<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>curved Separation of O<br>dupon exterior wall fire separation of O<br>dupon exterior walls (fire partitions) b<br>and VB Construction) and Section<br>ion 711 (1 hour and 0.5 hour in Ille<br>ion by 1 hour.<br>Use hours<br>Min Stair V<br>Min Other<br>Width:   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 and<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>Yes, a Separated, Mixed-<br><b>ccupancies (Hours)</b><br>F-2, S-2b, U<br>F-2, S-2b  | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>303.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 storest<br>Shafts<br>(1hr where connecting < 1 storest<br>Shafts<br>(1hr where               | uppression system will be<br>of the building is accessible<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>aration between units)<br>ries)<br>dupon exterior wall fire separation of O<br>dupon exterior wall fire separation<br>s ns s ns s ns<br>s ns<br>s ns s ns<br>s ns s ns<br>s ns<br>s ns s ns<br>s ns s ns<br>s ns ns<br>s ns ns<br>s ns | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>$F-2, S-2^{b}, U$<br>$F-2, S-2^{b}, U$   | neter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 1 stor<br>(1hr where   | uppression system will be<br>of the building is accessible<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>s NS S NS S 1<br>1 2 2 NP 1<br>N N 2 N   | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>$\frac{F-2}{N} = \frac{S-2^{B}}{N} \cup \frac{B^{4}}{S-1}$<br>$\frac{F-2}{N} = \frac{N}{N} = \frac{1}{N}$<br>$\frac{NP}{2} = \frac{1}{N} = \frac{1}{N}$<br>$\frac{NP}{2} = \frac{1}{N} = \frac{1}{N}$<br>$\frac{NP}{2} = \frac{1}{N} = \frac{1}{N}$<br>etween dwelling units in accord<br>420.3 requires horizontal sepa<br>3, IIIB and VB Construction).<br>(R2)<br>Nidth: 0.3" x (TBD) occul<br>Egress Comp Width: 0.2'<br>D) occupants = xx''<br>6.2.1, sprinklered):<br>5' (1006.2.1 Exc 1)<br>REMENTS FOR EXTERIO   | heter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |
|                                  | Fire Suppression<br><i>requirements)</i> S<br>Frontage Increa | n: A fully functioning fire s<br>203.2.10<br>se: 57.7% +/- of perimeter<br>sistance ratings of structural<br>Structural Frame (IIB)<br>Bearing Walls (IIB)<br>(but, not less than rating base<br>Non Bearing Walls (IIB)<br>(but, not less than rating base<br>Floors (IIB)<br>(but, R-2 requires min 1hr sep<br>Roofs (IIB)<br>Exit and Stairs<br>(1hr where connecting < 4 stor<br>Shafts<br>(1hr where connecting < 1 stor<br>(1hr where   | uppression system will be<br>of the building is accessible<br>I elements (TABLE 601):<br>d upon fire separation distance T<br>d upon exterior wall fire separation<br>aration between units)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>ries)<br>s ns s ns s ns s i<br>1 2 2 NP 1<br>N N 2 NP 1<br>N  | le (451'-6" of total perim<br>D hours<br>D/2 hours<br>able 602 and fire rating based<br>D hours<br>on distance reqts Table 602 an<br>D hours<br>D hours<br>D hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>2 hours<br>$\frac{F-2}{N} = \frac{S-2^{B}}{N} \cup \frac{B^{4}}{S-1}$<br>$\frac{F-2}{N} = \frac{N}{N} = \frac{1}{N}$<br>$\frac{NP}{2} = \frac{1}{N} = \frac{1}{N}$<br>$\frac{NP}{2} = \frac{1}{N} = \frac{1}{N}$<br>$\frac{NP}{2} = \frac{1}{N} = \frac{1}{N}$<br>etween dwelling units in accord<br>420.3 requires horizontal sepa<br>3, IIIB and VB Construction).<br>(R2)<br>Nidth: 0.3" x (TBD) occul<br>Egress Comp Width: 0.2'<br>D) occupants = xx''<br>6.2.1, sprinklered):<br>5' (1006.2.1 Exc 1)<br>REMENTS FOR EXTERIO   | heter 782'-3")<br>Section 704.10)<br>nd Table 705.8)<br>use Building. |

| FIRE SEPARATION DISTANCE (FEET) | OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, U |
|---------------------------------|--|
| 0 to < 5                        | 1  |
| 5 to < 10                       | 1  |
| 10 to < 30                      | 0  |
| 30 or more                      | 0  |

## Table 705.8 Maximum Area of Exterior Wall Openings Based on the Fire Separation Distance and Degree of Opening Protection (assumes Unprotected Sprinklered)

| FIRE SEPARATION DISTANCE' | ALLOWABLE AREA% |
|---------------------------|-----------------|
| 0 to < 3                  | Not Permitted   |
| 3 to < 5                  | 15              |
| 5 to < 10                 | 25              |
| 10 to < 15                | 45              |
| 15 to < 20                | 75              |
| 25 to < 30                | No imit         |

705.3 Buildings on the Same ot xception 2. Where an S-2 parking garage of onstruction ype or A is erected on the same lot as a Group R-2 building and there is no fire separation distance between these buildings then the adjoining exterior walls between the buildings are permitted to have occupant use openings in accordance with Section 706.8. However opening protectives in such openings shall only be required in the exterior wall of the S-2 parking garage not in the exterior wall openings in the R-2 building and these opening protectives in the exterior wall of the S-2 parking garage shall be not less than 1.5 hour fire protection rating.



## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

### LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

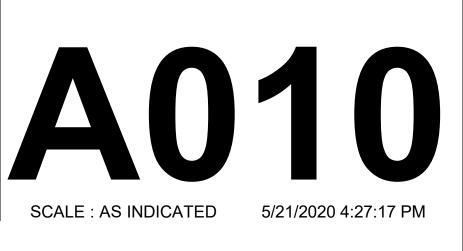
## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

# ARCHITECTS

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

| DRAWING ISSUE  | DATE       |
|----------------|------------|
|                |            |
| SD PROGRESS    | 05.11.2020 |
| HDC SUBMISSION | 05.22.2020 |
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**CODE & LIFE SAFETY** 



**ALFRED STREET** 

## <u>KEYNOTES</u>

| ###    | DESCRIPTION   |
|--------|---|
| 02 003 | CITY SIDEWALK   |
| 03 005 | CONCRETE STAIR, RE: STRUCT. DRAWINGS  |
| 32 002 | CONCRETE PLANTER WITH LINER, SOIL, AND VEGETATION   |
| EWS 01 | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS<br>NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED.   |
| EWS 08 | VERTICALLY ORIENTED 1x2 CHARRED CEDAR<br>BOARDS, MODIFIED WIDTHS CUT TO PATTERN<br>SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP<br>SYSTEM ATTACHED TO EDGE OF SLAB AS<br>NECESSARY, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)  |
| EWS 09 | COR-TEN WALL SYSTEM: <sup>1</sup> / <sub>4</sub> " COR-TEN WALL<br>PANEL ON MANUFACTURER BRACKETS, 1 <sup>1</sup> / <sub>2</sub> " 14<br>GA ST STEEL GIRT, 32" O.C., UV STABLE AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, CMU, 1" METAL<br>FURRING, SHEET VAPOR BARRIER, 1/2" PTD |

GYP BOARD.



## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

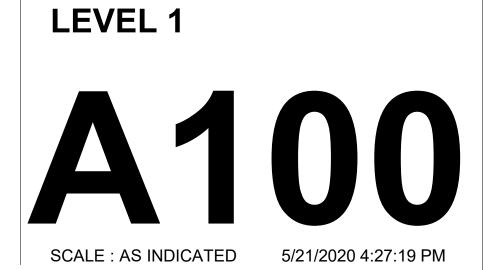
## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

# ARCHITECTS

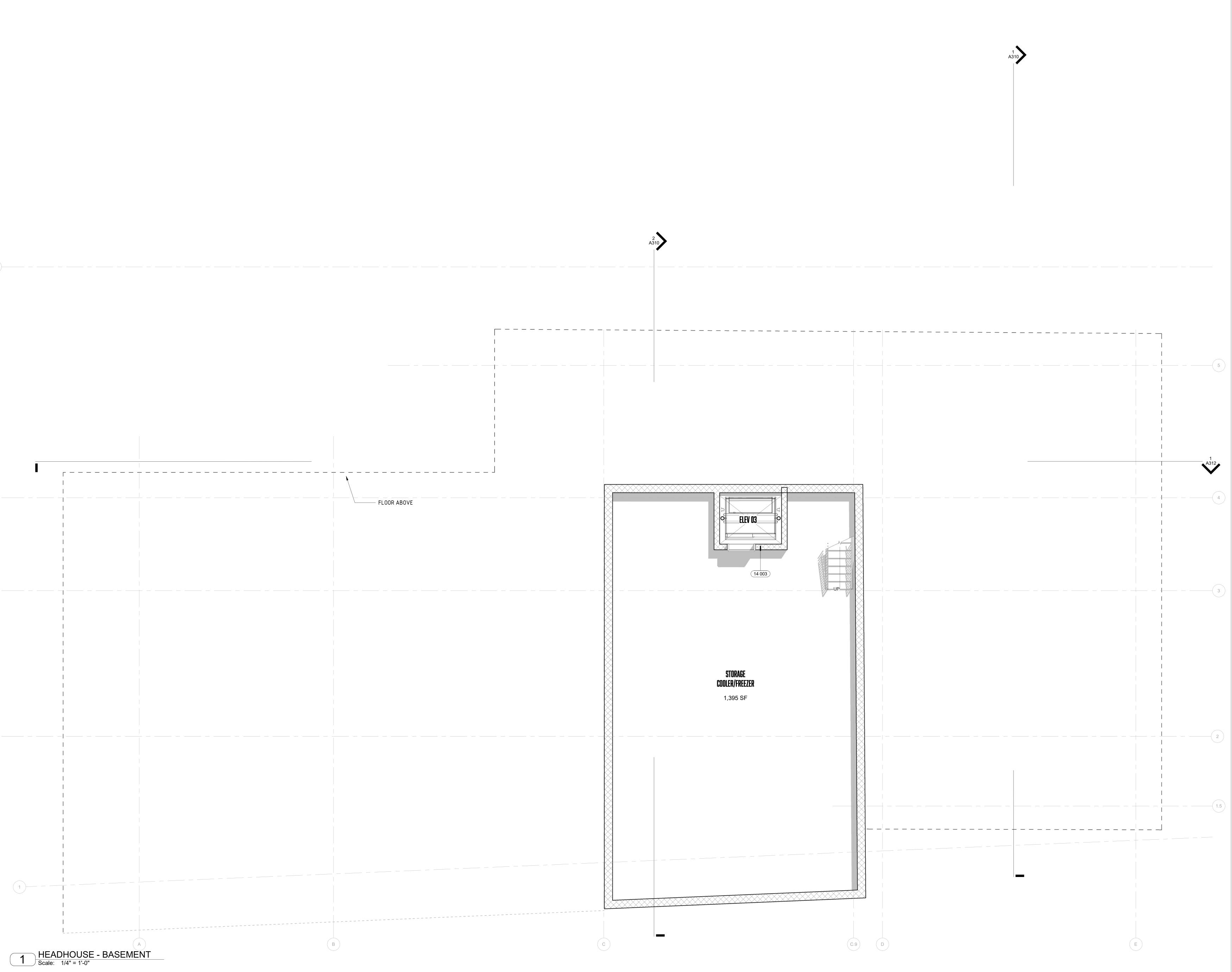
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OVERALL PLAN -





P1 -



## DETROIT MI 48201

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

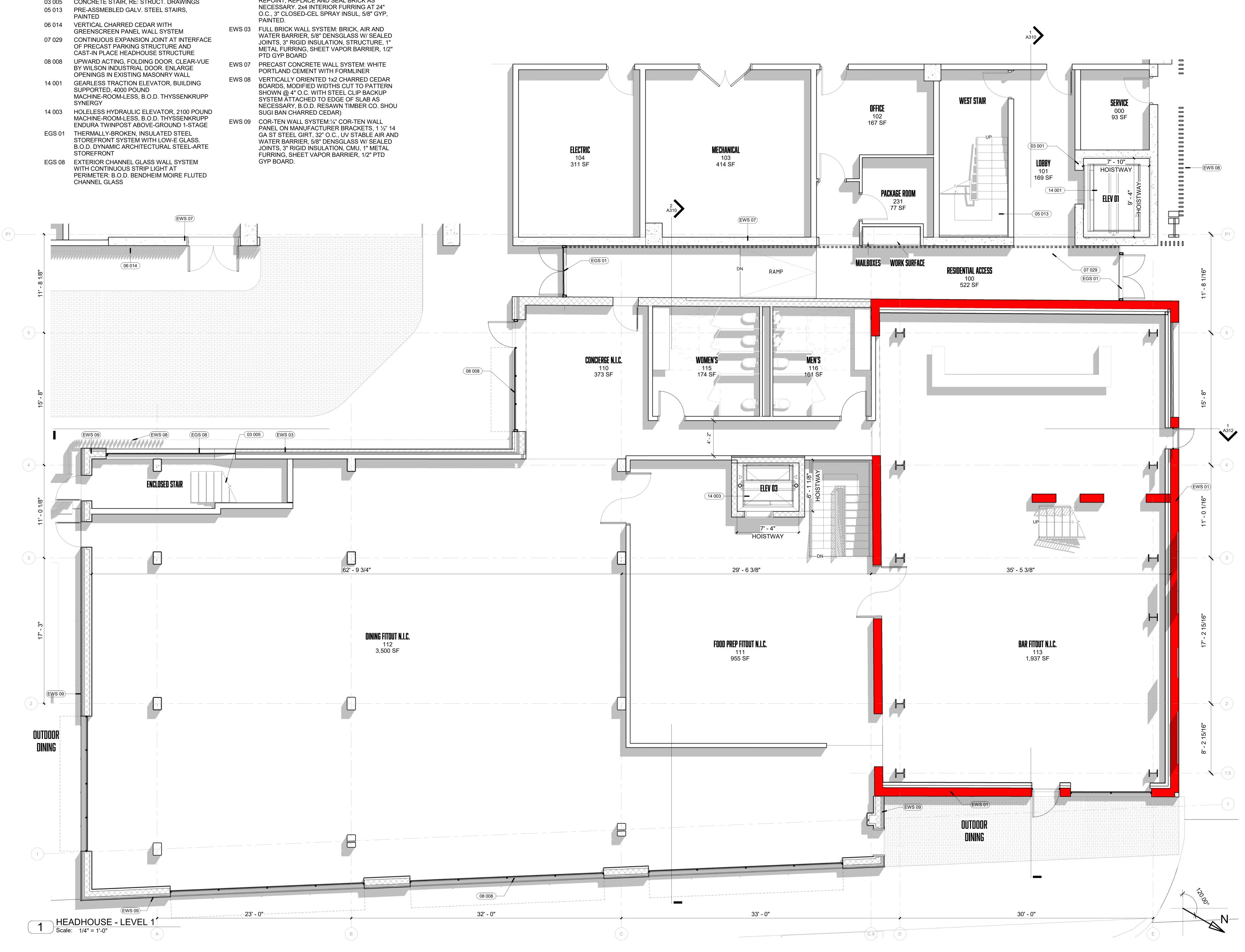
## **OONBRA** Architects

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| <u>KEYNOTES</u> |   |  |
|-----------------|---|--|
| ###             | DESCRIPTION   |  |
| 03 001          | STRUCTURAL CONCRETE, RE: STRUCT. DWGS.  |  |
| 03 005          | CONCRETE STAIR, RE: STRUCT. DRAWINGS  |  |
| 05 013          | PRE-ASSMEBLED GALV. STEEL STAIRS,<br>PAINTED  |  |
| 06 014          | VERTICAL CHARRED CEDAR WITH<br>GREENSCREEN PANEL WALL SYSTEM  |  |
| 07 029          | CONTINUOUS EXPANSION JOINT AT INTERFACE<br>OF PRECAST PARKING STRUCTURE AND<br>CAST-IN PLACE HEADHOUSE STRUCTURE                  |  |
| 08 008          | UPWARD ACTING, FOLDING DOOR. CLEAR-VUE<br>BY WILSON INDUSTRIAL DOOR. ENLARGE<br>OPENINGS IN EXISTING MASONRY WALL                 |  |
| 14 001          | GEARLESS TRACTION ELEVATOR, BUILDING<br>SUPPORTED, 4000 POUND<br>MACHINE-ROOM-LESS, B.O.D. THYSSENKRUPP<br>SYNERGY                |  |
| 14 003          | HOLELESS HYDRAULIC ELEVATOR, 2100 POUND<br>MACHINE-ROOM-LESS, B.O.D. THYSSENKRUPP<br>ENDURA TWINPOST ABOVE-GROUND 1-STAGE         |  |
| EGS 01          | THERMALLY-BROKEN, INSULATED STEEL<br>STOREFRONT SYSTEM WITH LOW-E GLASS.<br>B.O.D. DYNAMIC ARCHITECTURAL STEEL-ARTE<br>STOREFRONT |  |
| EGS 08          | EXTERIOR CHANNEL GLASS WALL SYSTEM<br>WITH CONTINUOUS STRIP LIGHT AT<br>PERIMETER: B.O.D. BENDHEIM MOIRE FLUTED<br>CHANNEL GLASS  |  |

| ###    | DESCRIPTION   |
|--------|---|
| EWS 01 | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS<br>NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED.   |
| EWS 03 | FULL BRICK WALL SYSTEM: BRICK, AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, STRUCTURE, 1"<br>METAL FURRING, SHEET VAPOR BARRIER, 1/2"<br>PTD GYP BOARD  |
| EWS 07 | PRECAST CONCRETE WALL SYSTEM: WHITE<br>PORTLAND CEMENT WITH FORMLINER   |
| EWS 08 | VERTICALLY ORIENTED 1x2 CHARRED CEDAR<br>BOARDS, MODIFIED WIDTHS CUT TO PATTERN<br>SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP<br>SYSTEM ATTACHED TO EDGE OF SLAB AS<br>NECESSARY, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)  |
| EWS 09 | COR-TEN WALL SYSTEM: <sup>1</sup> / <sub>4</sub> " COR-TEN WALL<br>PANEL ON MANUFACTURER BRACKETS, 1 <sup>1</sup> / <sub>2</sub> " 14<br>GA ST STEEL GIRT, 32" O.C., UV STABLE AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, CMU, 1" METAL<br>FURRING, SHEET VAPOR BARRIER, 1/2" PTD<br>GYP BOARD. |





## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

### LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

## ARCHITECTS

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

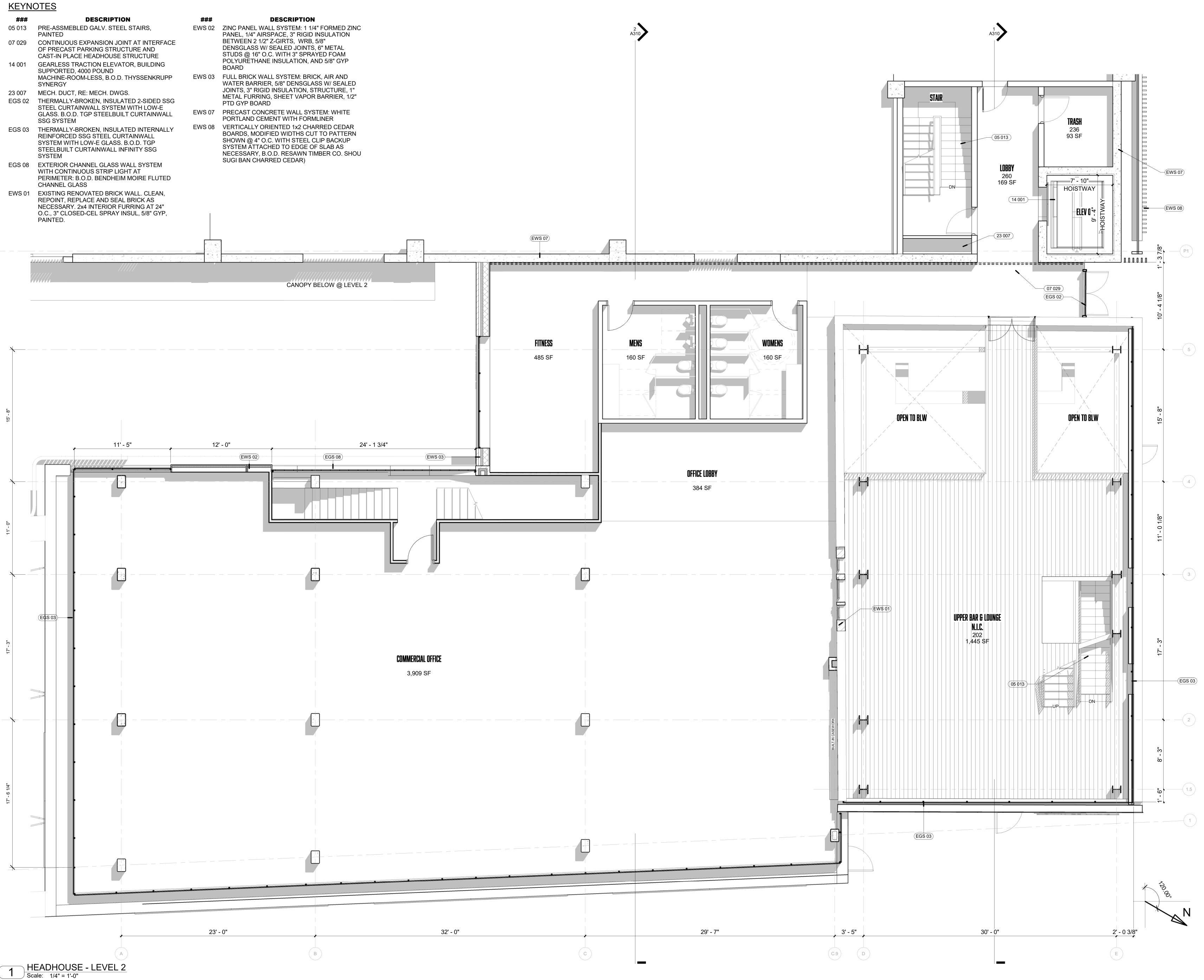
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LEVEL 1 FLOOR PLAN

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| ###    | DESCRIPTION   | ###    | DESCRIPTION   |
| 05 013 | PRE-ASSMEBLED GALV. STEEL STAIRS,<br>PAINTED  | EWS 02 | ZINC PANEL WALL SYSTEM: 1 1/4" FORMED ZINC PANEL, 1/4" AIRSPACE, 3" RIGID INSULATION  |
| 07 029 | CONTINUOUS EXPANSION JOINT AT INTERFACE<br>OF PRECAST PARKING STRUCTURE AND<br>CAST-IN PLACE HEADHOUSE STRUCTURE  |        | BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP   |
| 14 001 | GEARLESS TRACTION ELEVATOR, BUILDING<br>SUPPORTED, 4000 POUND<br>MACHINE-ROOM-LESS, B.O.D. THYSSENKRUPP   | EWS 03 | FULL BRICK WALL SYSTEM: BRICK, AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED   |
| 23 007 | SYNERGY<br>MECH. DUCT, RE: MECH. DWGS.  |        | JOINTS, 3" RIGID INSULATION, STRUCTURE, 1"  |
| EGS 02 | THERMALLY-BROKEN, INSULATED 2-SIDED SSG<br>STEEL CURTAINWALL SYSTEM WITH LOW-E  |        | METAL FURRING, SHEET VAPOR BARRIER, 1/2"<br>PTD GYP BOARD   |
|        | GLASS. B.O.D. TGP STEELBUILT CURTAINWALL<br>SSG SYSTEM  | EWS 07 | PRECAST CONCRETE WALL SYSTEM: WHITE<br>PORTLAND CEMENT WITH FORMLINER   |
| EGS 03 | THERMALLY-BROKEN, INSULATED INTERNALLY<br>REINFORCED SSG STEEL CURTAINWALL<br>SYSTEM WITH LOW-E GLASS. B.O.D. TGP<br>STEELBUILT CURTAINWALL INFINITY SSG<br>SYSTEM              | EWS 08 | VERTICALLY ORIENTED 1x2 CHARRED CEDAR<br>BOARDS, MODIFIED WIDTHS CUT TO PATTERN<br>SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP<br>SYSTEM ATTACHED TO EDGE OF SLAB AS<br>NECESSARY, B.O.D. RESAWN TIMBER CO. SHOU |
| EGS 08 | EXTERIOR CHANNEL GLASS WALL SYSTEM<br>WITH CONTINUOUS STRIP LIGHT AT<br>PERIMETER: B.O.D. BENDHEIM MOIRE FLUTED<br>CHANNEL GLASS  |        | SUGI BAN CHARRED CEDAR)   |
| EWS 01 | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS<br>NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED. |        |   |
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## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

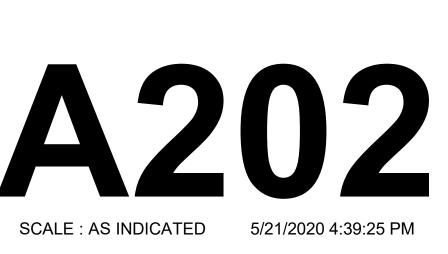
## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

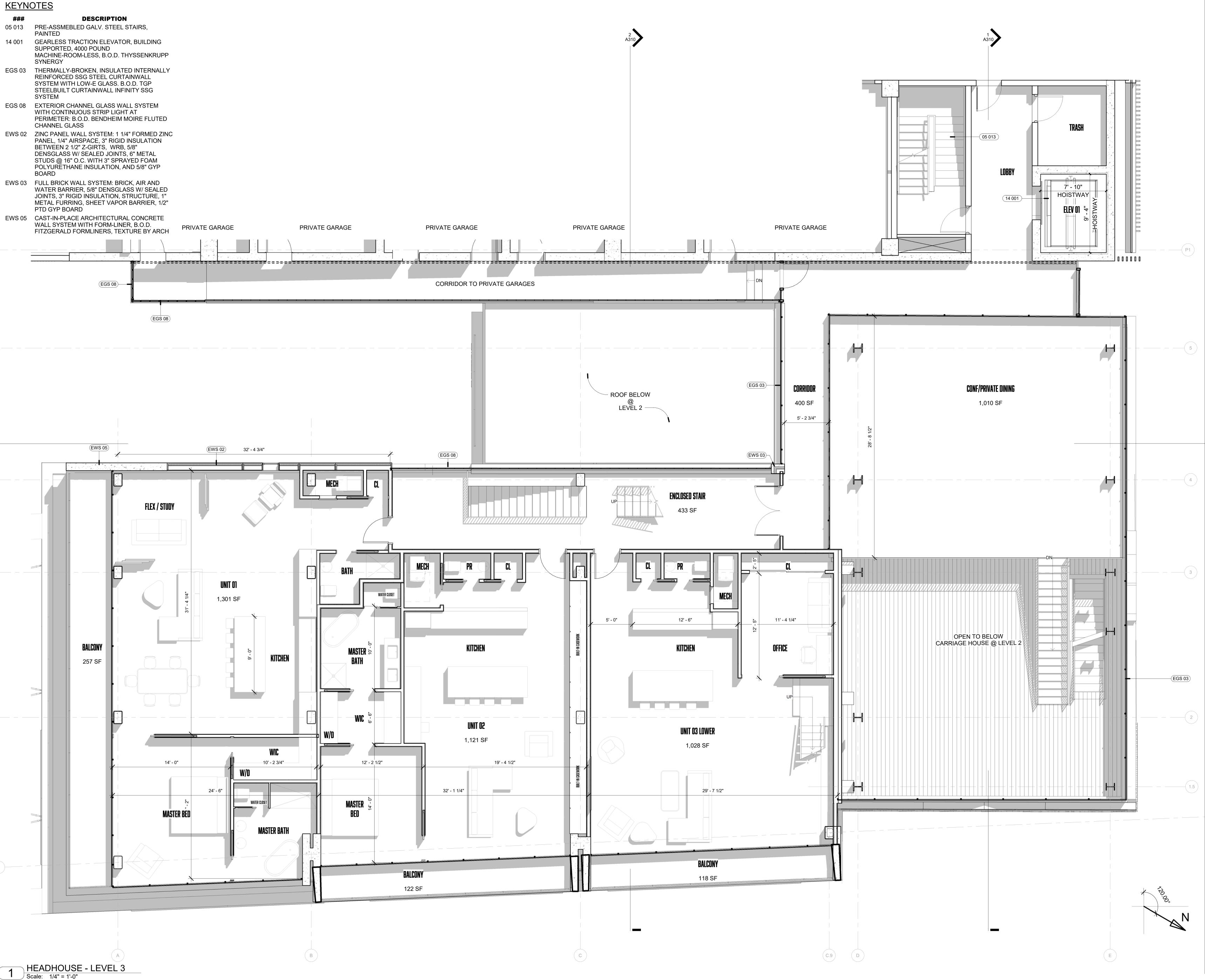
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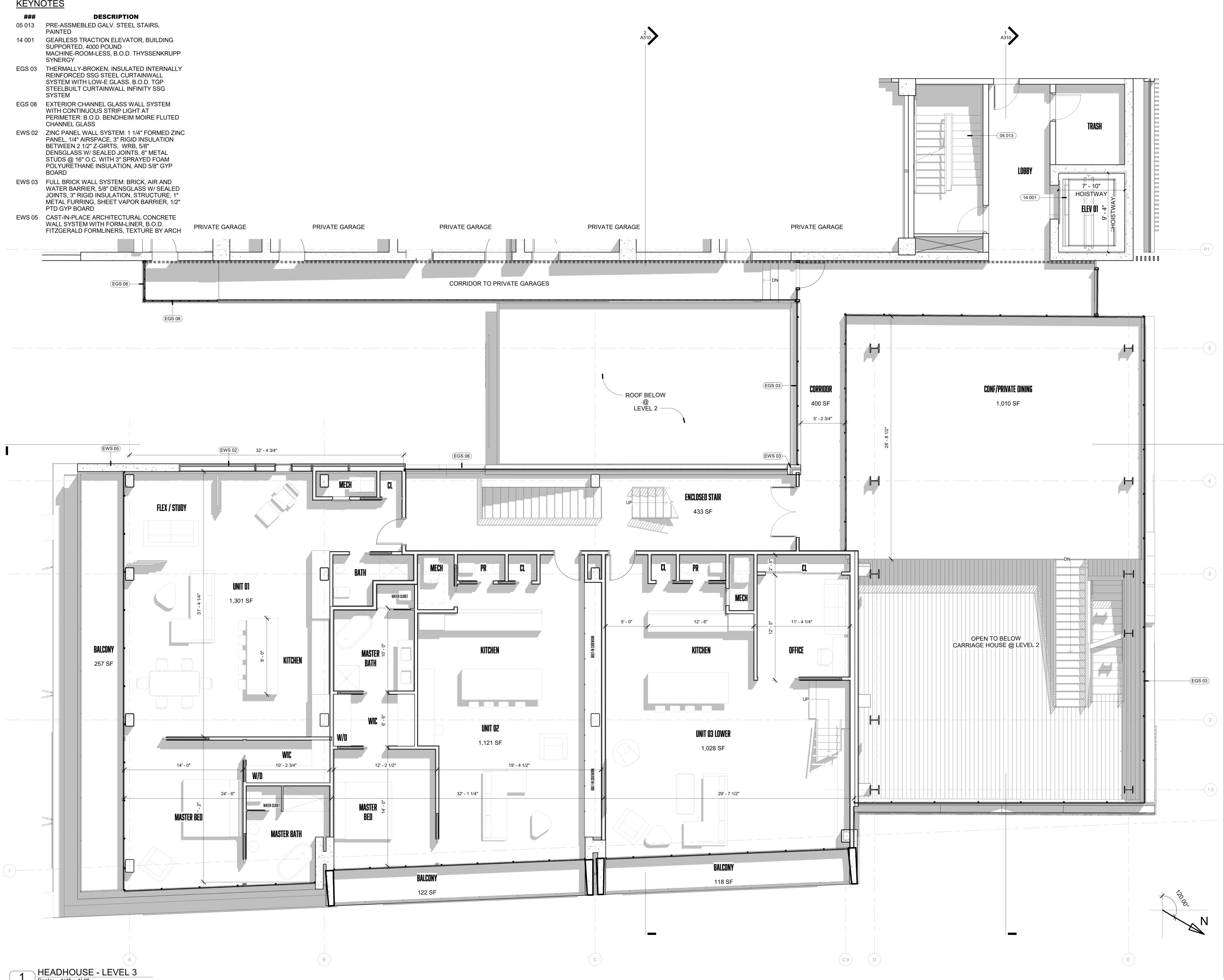
OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

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LEVEL 2 FLOOR PLAN







BRA PROJECT #

## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## **MEP ENGINEER**

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900



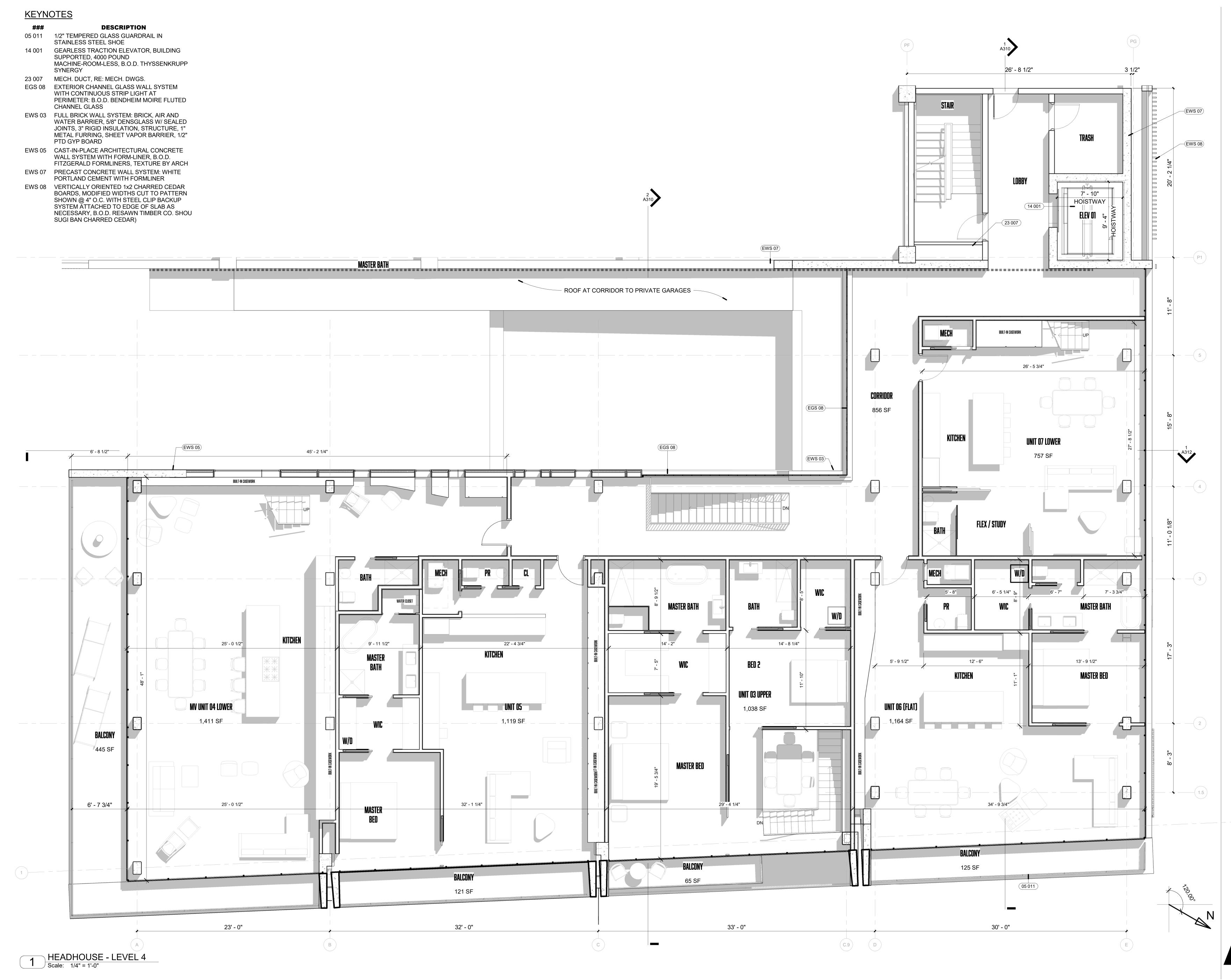
## ARCHITECTS

## OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

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## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## **MEP ENGINEER**

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

# ARCHITECTS

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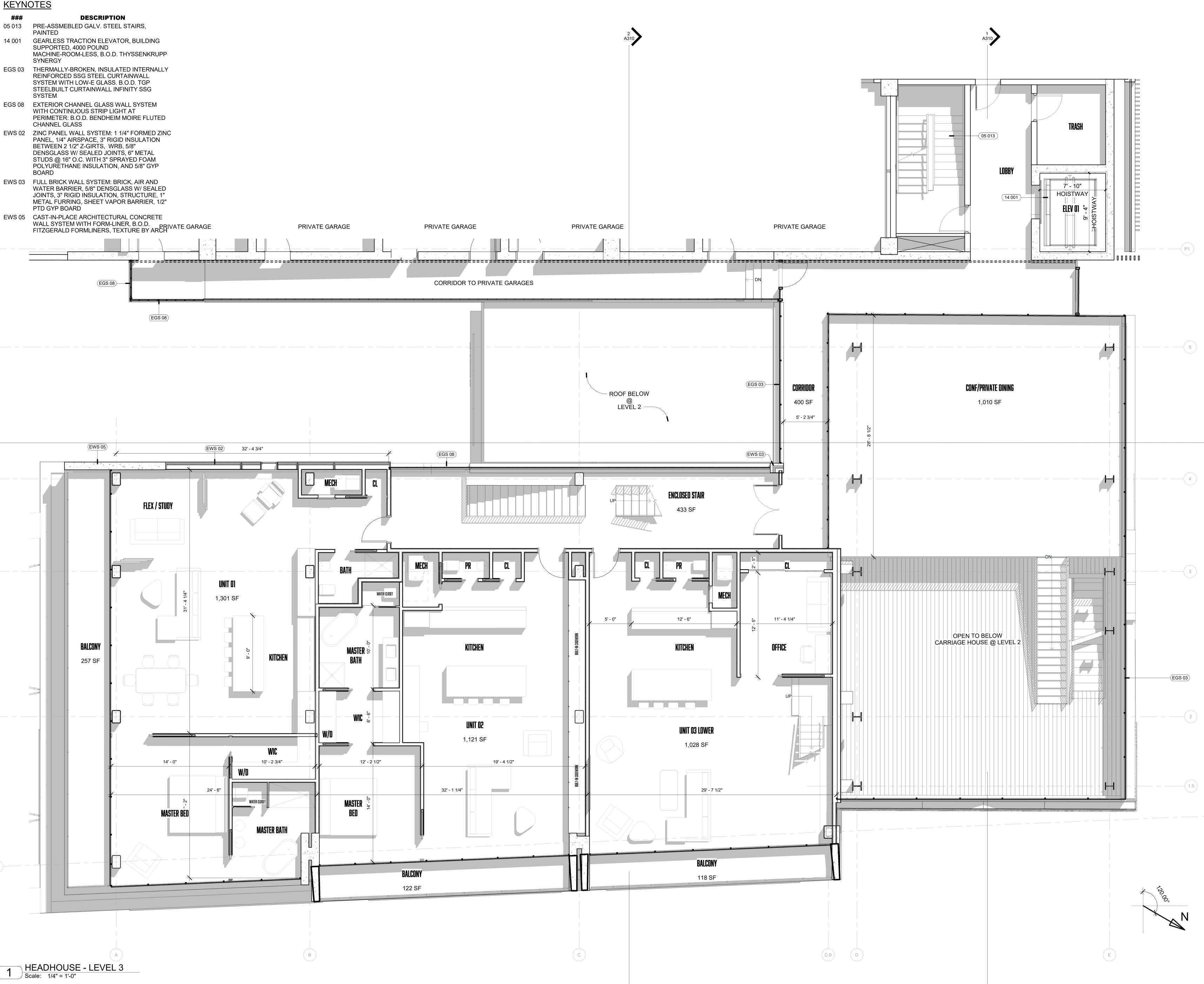


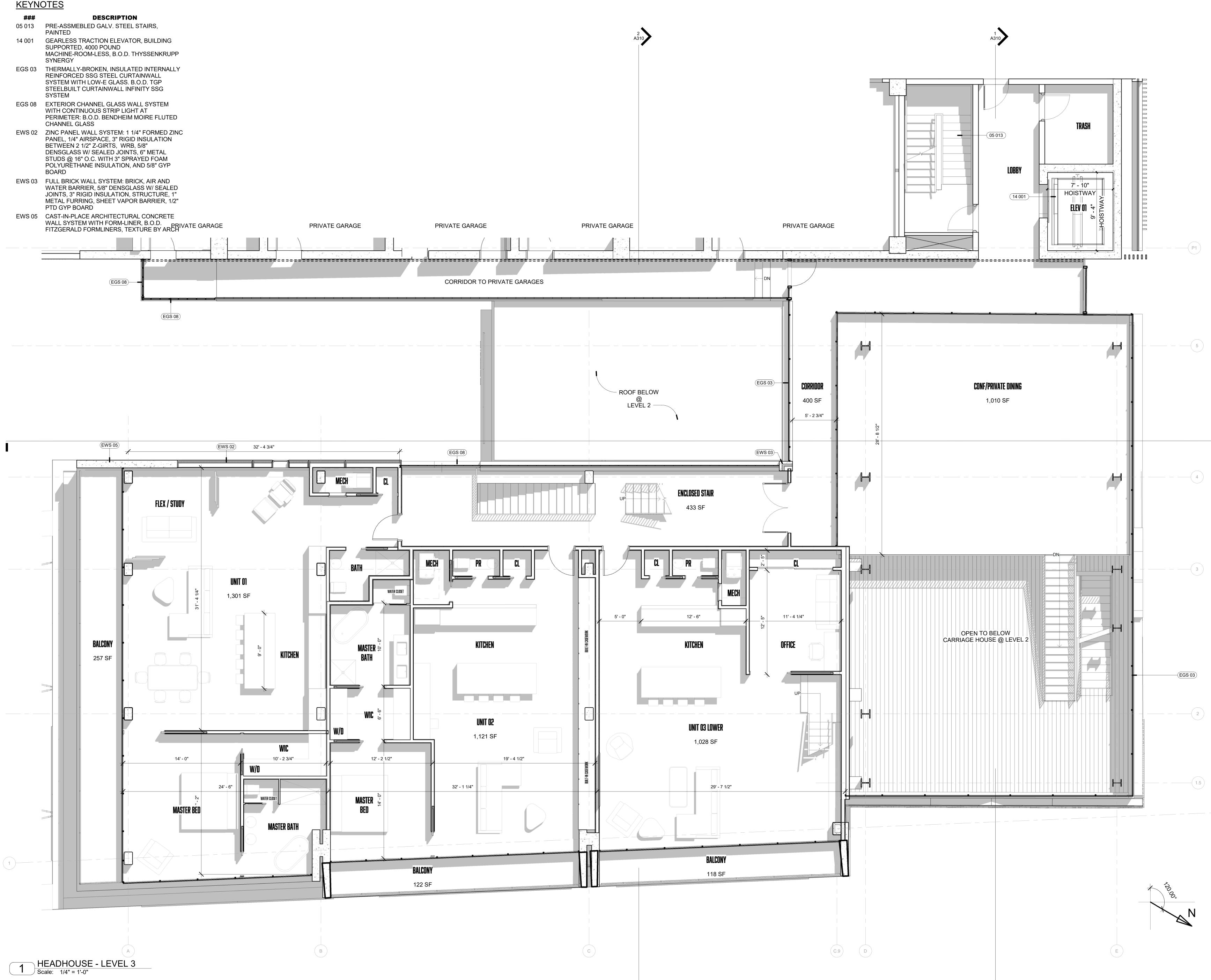




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BRA PROJECT #

## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## **MEP ENGINEER**

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900



## ARCHITECTS

## OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

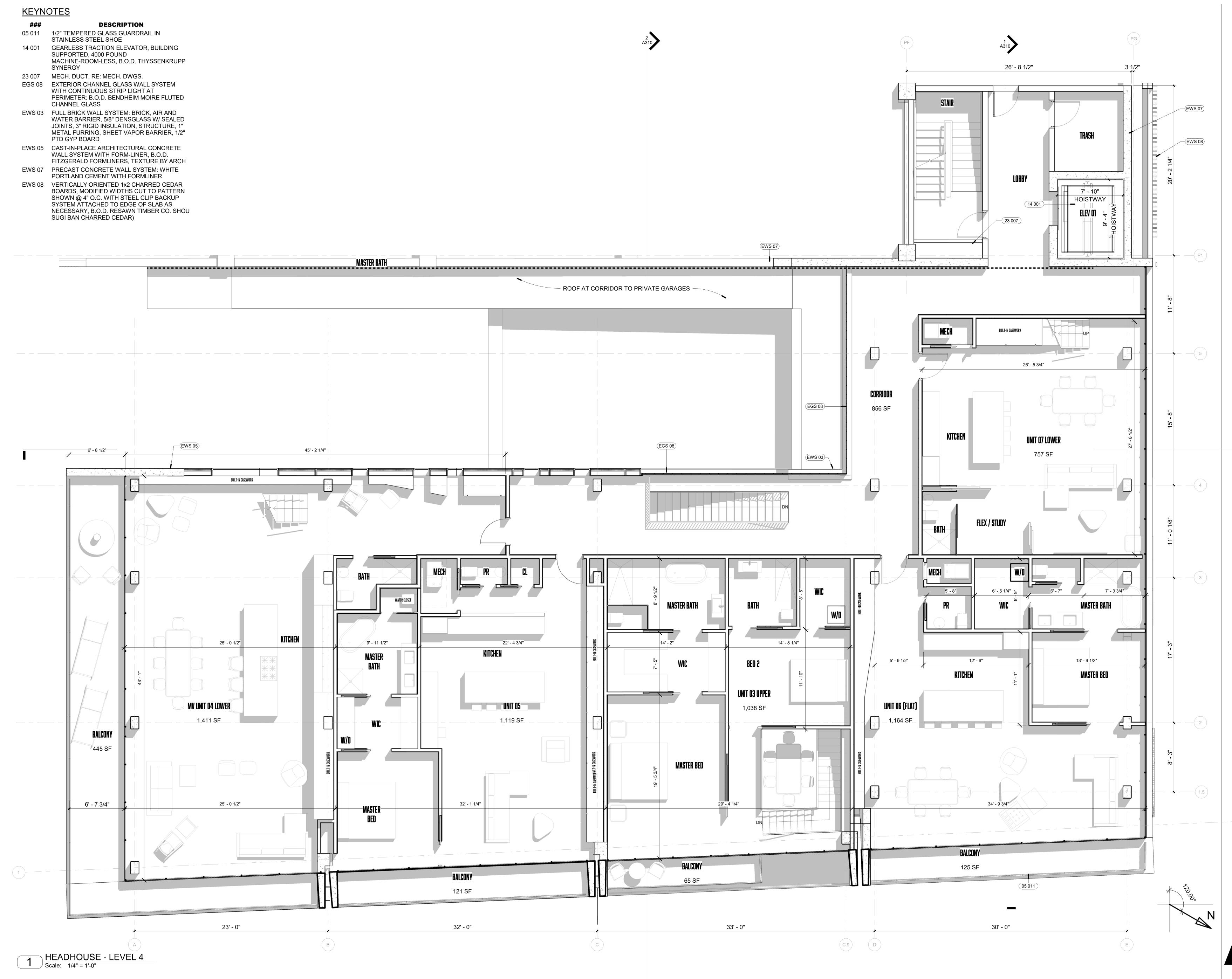
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## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

### LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## **MEP ENGINEER**

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900



## ARCHITECTS

## OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

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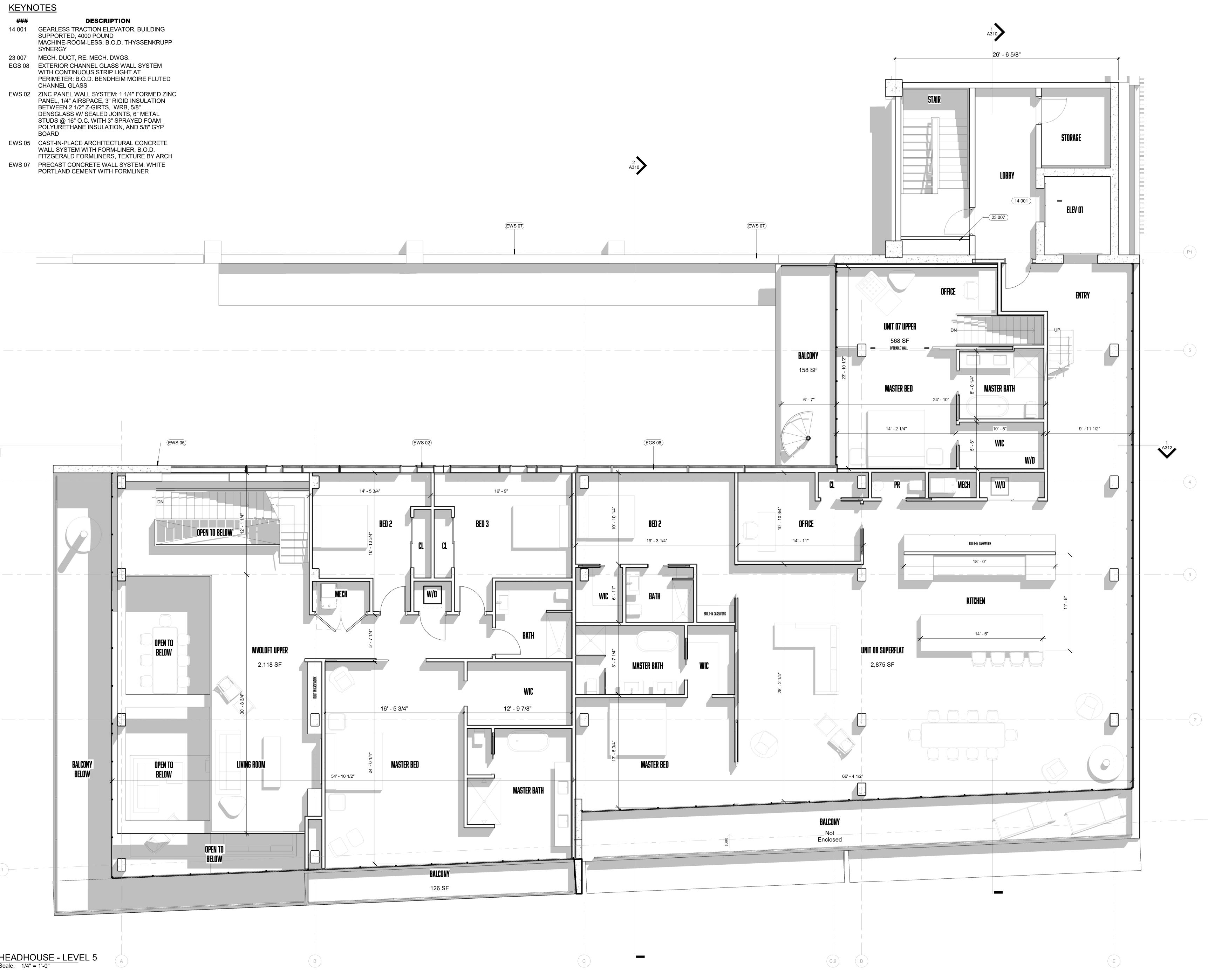


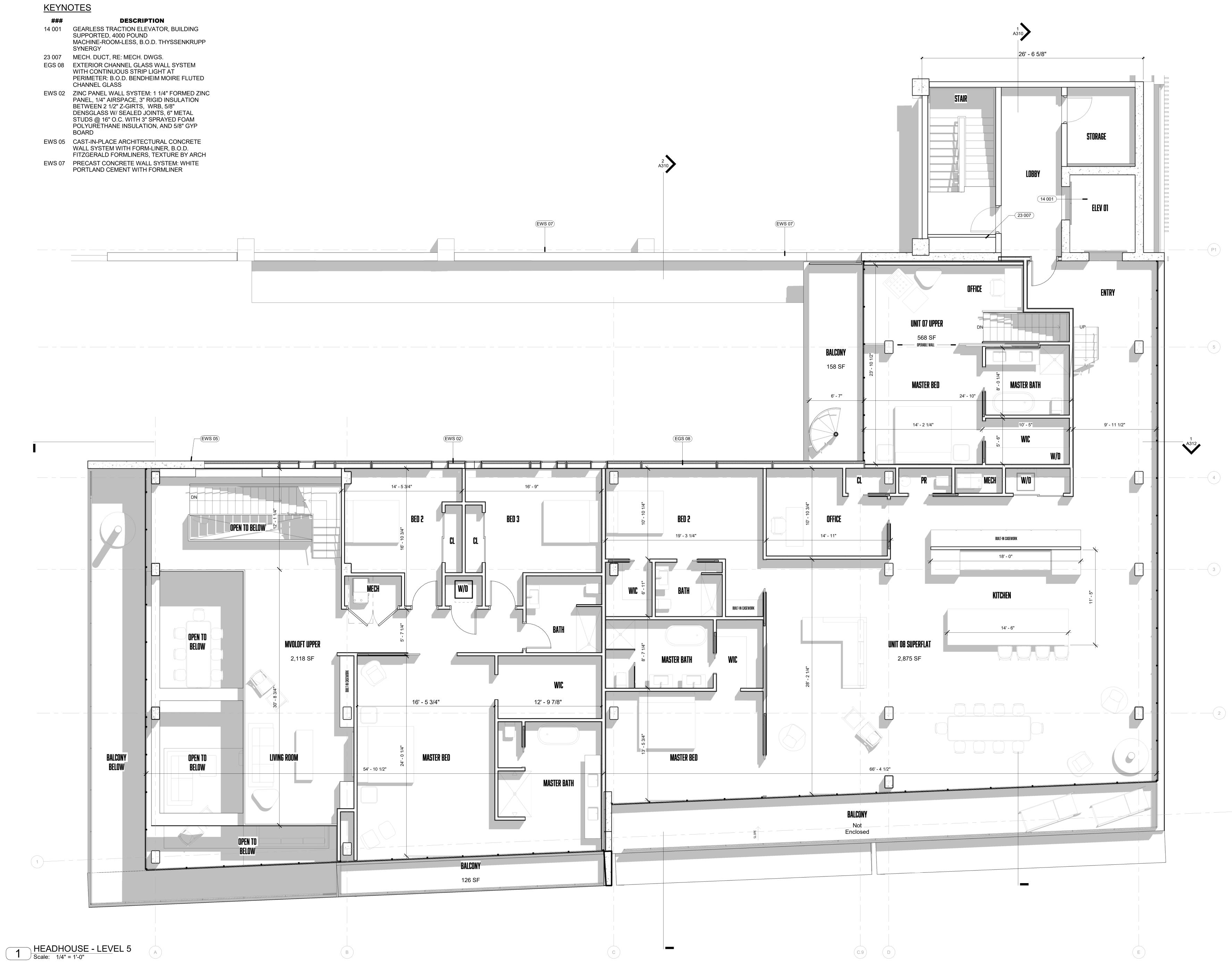




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| ###      | DESCRIPTION  |
| 14 001   | GEARLESS TRACTION ELEVATOR, BUILDING<br>SUPPORTED, 4000 POUND<br>MACHINE-ROOM-LESS, B.O.D. THYSSENKRUPP<br>SYNERGY   |
| 23 007   | MECH. DUCT, RE: MECH. DWGS.  |
| EGS 08   | EXTERIOR CHANNEL GLASS WALL SYSTEM<br>WITH CONTINUOUS STRIP LIGHT AT<br>PERIMETER: B.O.D. BENDHEIM MOIRE FLUTED<br>CHANNEL GLASS   |
| EWS 02   | ZINC PANEL WALL SYSTEM: 1 1/4" FORMED ZIN<br>PANEL, 1/4" AIRSPACE, 3" RIGID INSULATION<br>BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP<br>BOARD |
| EWS 05   | CAST-IN-PLACE ARCHITECTURAL CONCRETE<br>WALL SYSTEM WITH FORM-LINER, B.O.D.<br>FITZGERALD FORMLINERS, TEXTURE BY ARCH  |
| EWS 07   | PRECAST CONCRETE WALL SYSTEM: WHITE  |







## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

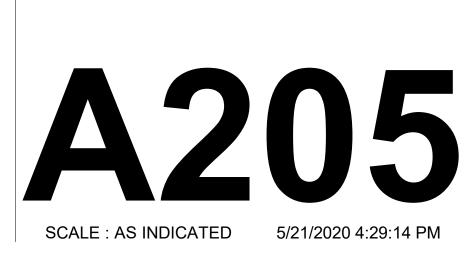
## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

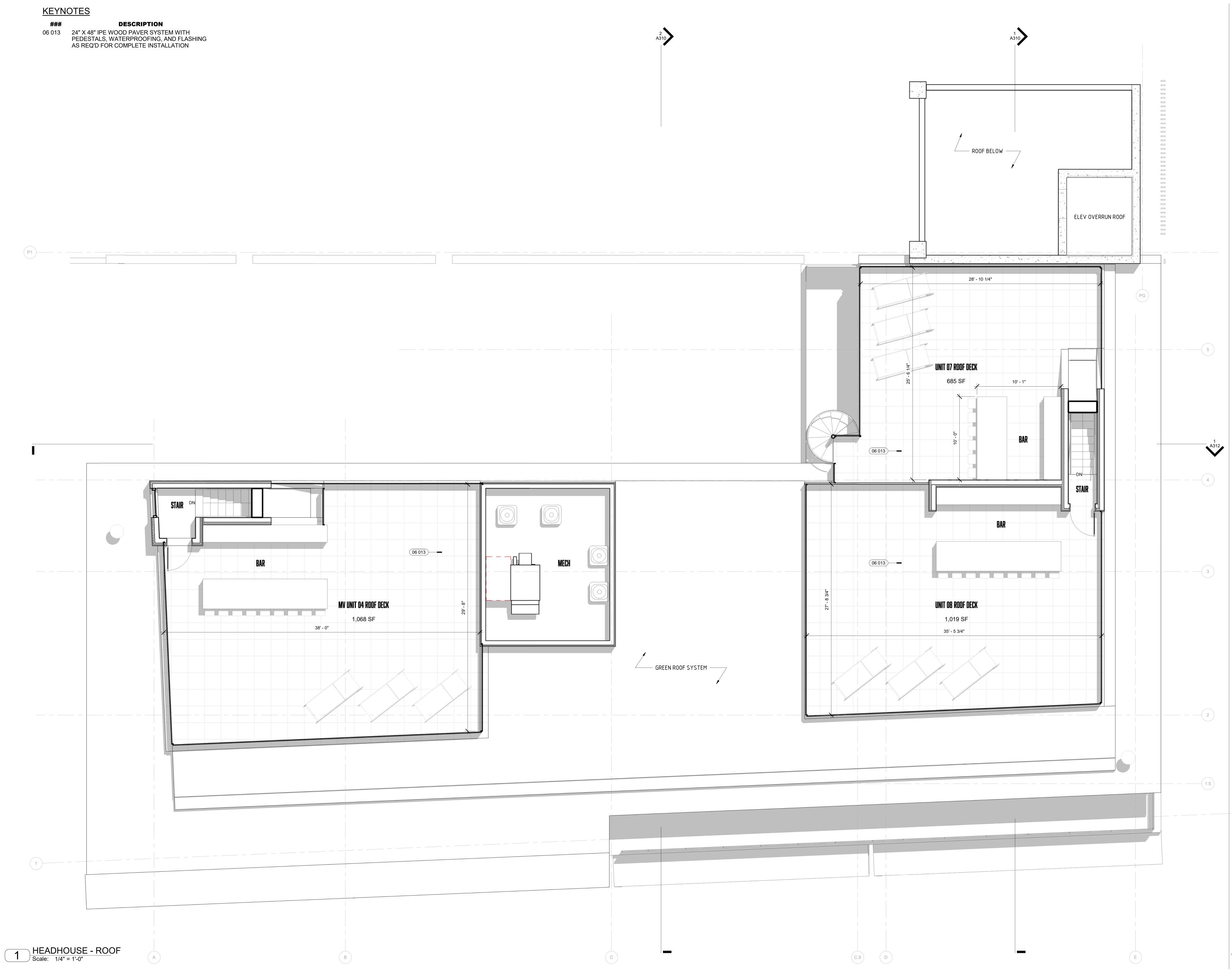
# ARCHITECTS

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

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**LEVEL 5 FLOOR PLAN** 





## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

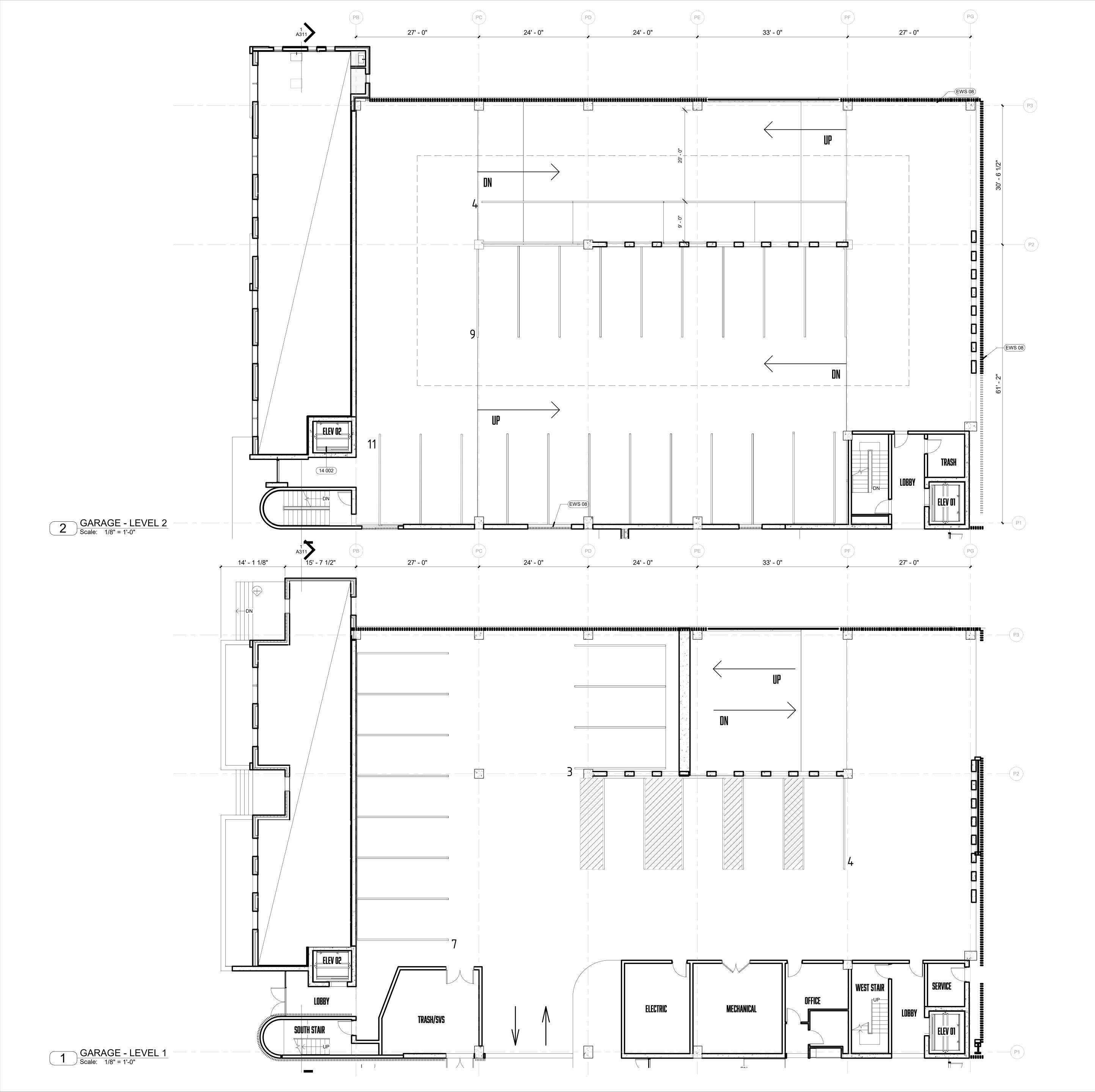
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| <u>KEYNC</u><br>### | DESCRIPTION  |
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| 14 002              | GEARLESS TRACTION ELEVATOR, SELF<br>SUPPORTED, 3500 POUND                      |
|                     | MACHINE-ROOM-LESS, B.O.D. THYSSENKRUF<br>EVOLUTION 200                         |
| EWS 08              | VERTICALLY ORIENTED 1x2 CHARRED CEDAF<br>BOARDS, MODIFIED WIDTHS CUT TO PATTER |
|                     | SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP<br>SYSTEM ATTACHED TO EDGE OF SLAB AS   |
|                     | NECESSARY, B.O.D. RESAWN TIMBER CO. SH<br>SUGI BAN CHARRED CEDAR)              |
|                     | SUGI DAN CHANNED CEDAN)  |
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## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

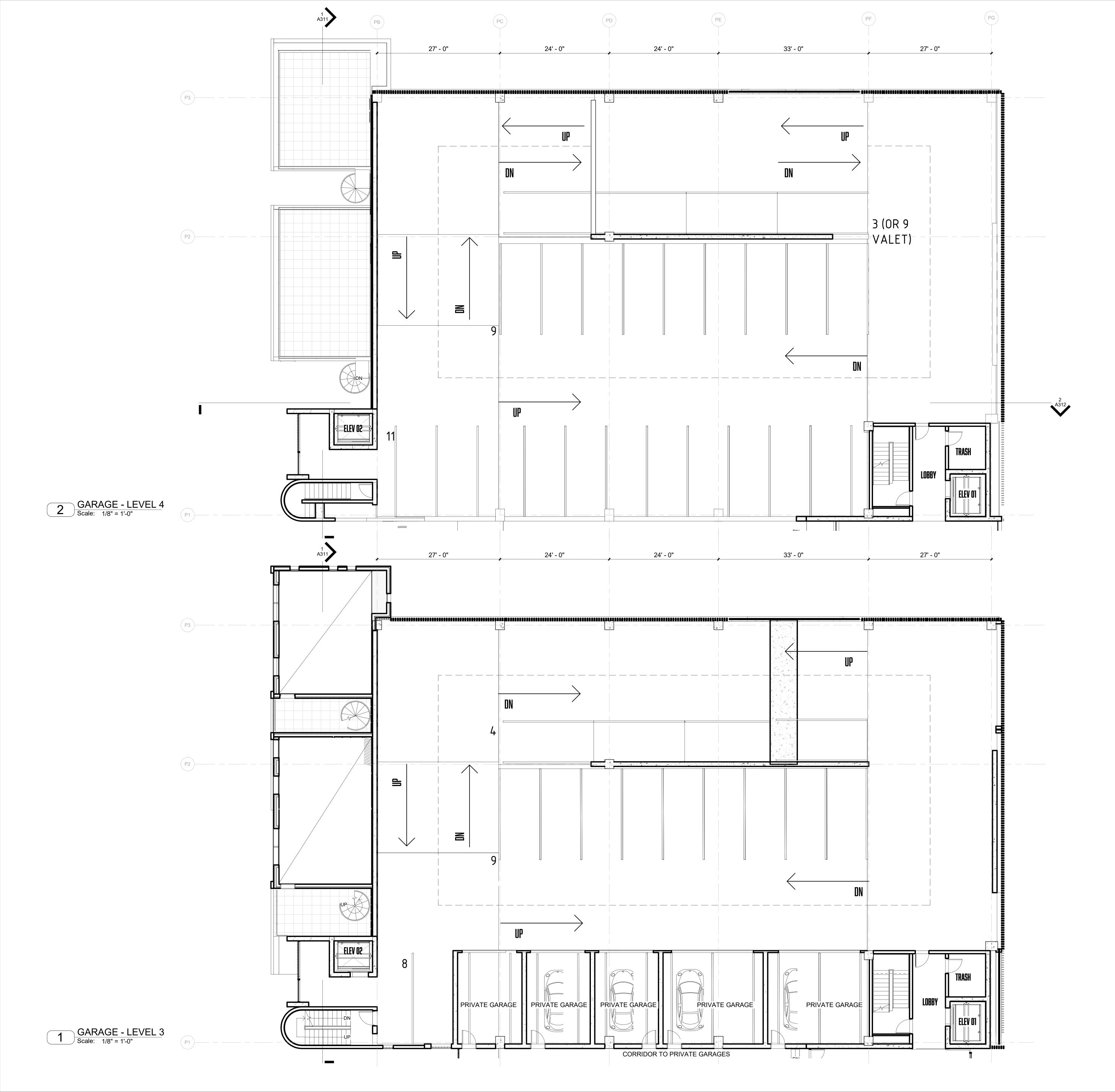
## OONBRA Architects

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

| DRAWING ISSUE  | DATE       |
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| SD PROGRESS    | 05.11.2020 |
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GARAGE PLANS





## <u>KEYNOTES</u>

## ###

DESCRIPTION



## DETROIT MI 48201

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

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STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

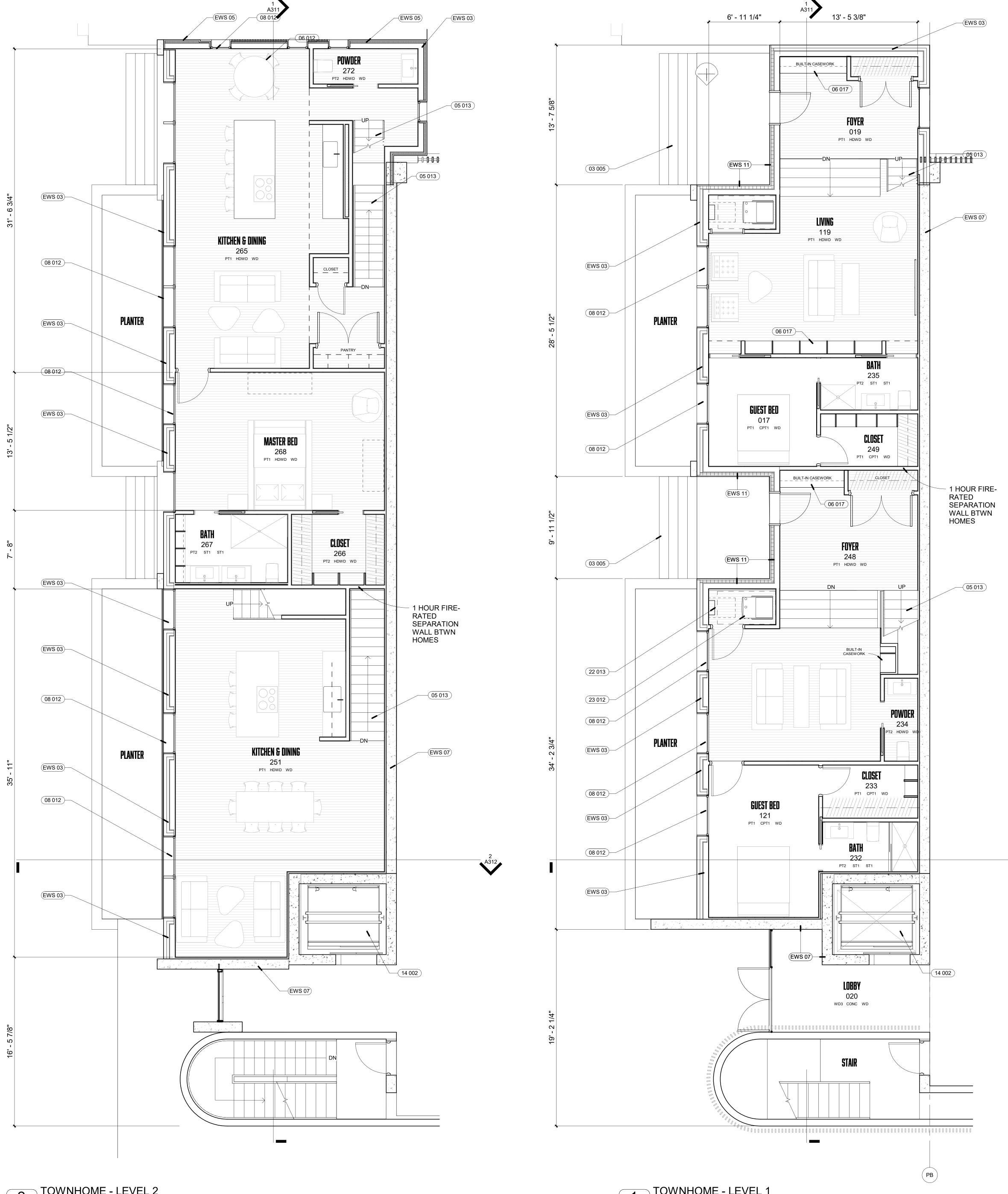
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OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

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GARAGE PLANS





2 TOWNHOME - LEVEL 2 Scale: 1/4" = 1'-0"

## <u>KEYNOTES</u>

- A312

| ###    | DESCRIPTION  |
|--------|--|
| 03 005 | CONCRETE STAIR, RE: STRUCT. DRAWINGS   |
| 05 013 | PRE-ASSMEBLED GALV. STEEL STAIRS,<br>PAINTED   |
| 06 012 | CHARRED CEDAR VERTICAL WOOD SCREEN,<br>WITH STEEL CLIPS ATTACHED TO WALL<br>SYSTEM, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)   |
| 06 017 | 3/4" BUILT-IN HARDWOOD SHELVING, RE: DTLS AND SPECS.   |
| 08 012 | THERMALLY BROKEN INSULATED ALUMINUM WINDOW SYSTEM  |
| 14 002 | GEARLESS TRACTION ELEVATOR, SELF   |
|        | SUPPORTED, 3500 POUND<br>MACHINE-ROOM-LESS, B.O.D. THYSSENKRUPP<br>EVOLUTION 200   |
| 22 013 | TANKLESS WATER-HEATER  |
| 23 012 | FURNACE, RE: MECH DWGS   |
| EWS 03 | FULL BRICK WALL SYSTEM: BRICK, AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, STRUCTURE, 1"<br>METAL FURRING, SHEET VAPOR BARRIER, 1/2"<br>PTD GYP BOARD   |
| EWS 05 | CAST-IN-PLACE ARCHITECTURAL CONCRETE<br>WALL SYSTEM WITH FORM-LINER, B.O.D.<br>FITZGERALD FORMLINERS, TEXTURE BY ARCH  |
| EWS 07 | PRECAST CONCRETE WALL SYSTEM: WHITE<br>PORTLAND CEMENT WITH FORMLINER  |
| EWS 11 | WOOD CLADDING WALL SYSTEM: 1 1/4" WOOD<br>CLADDING, 1/4" AIRSPACE, 3" RIGID INSULATION<br>BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP<br>BOARD |



## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

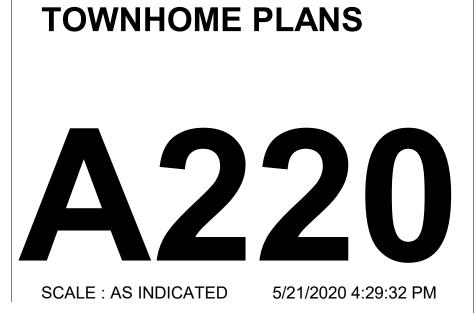
PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

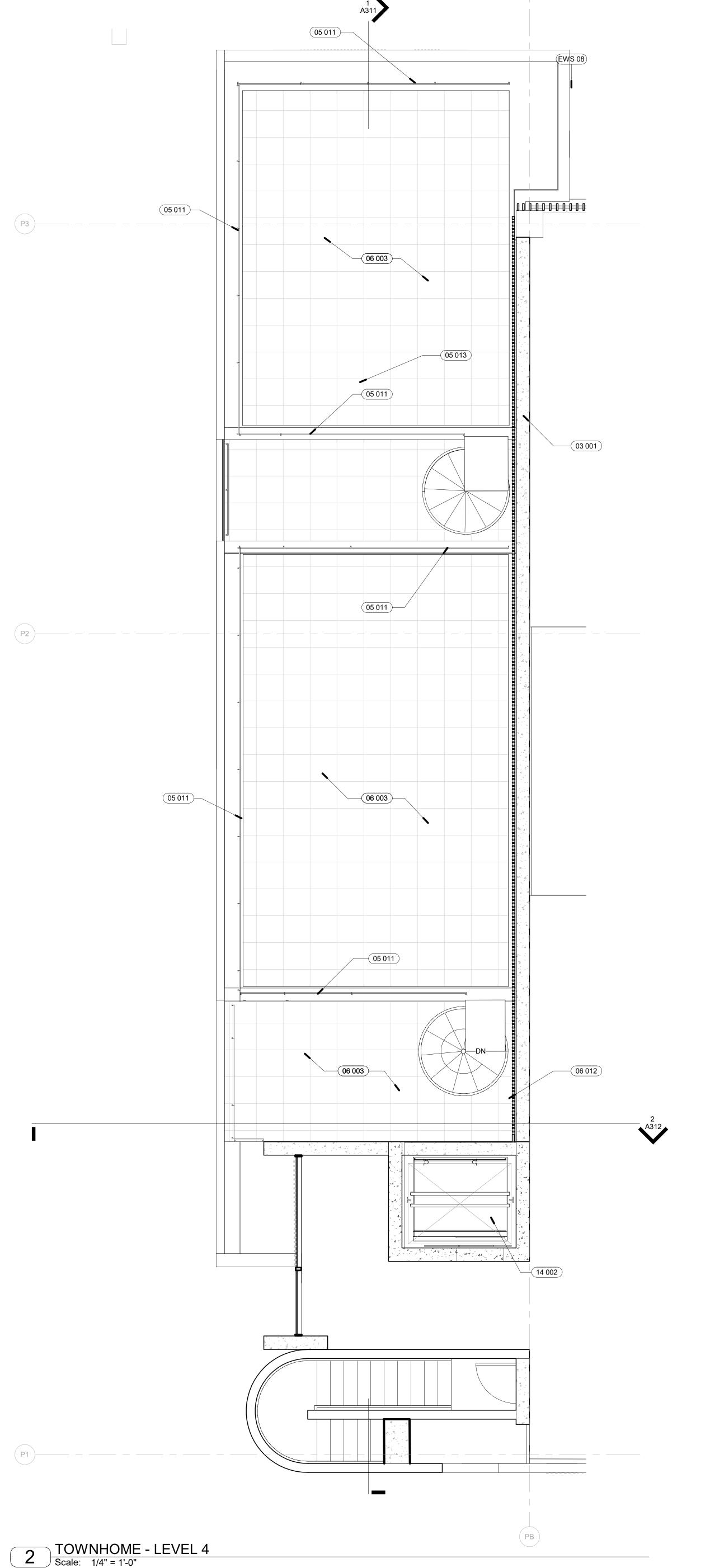
## MEP ENGINEER

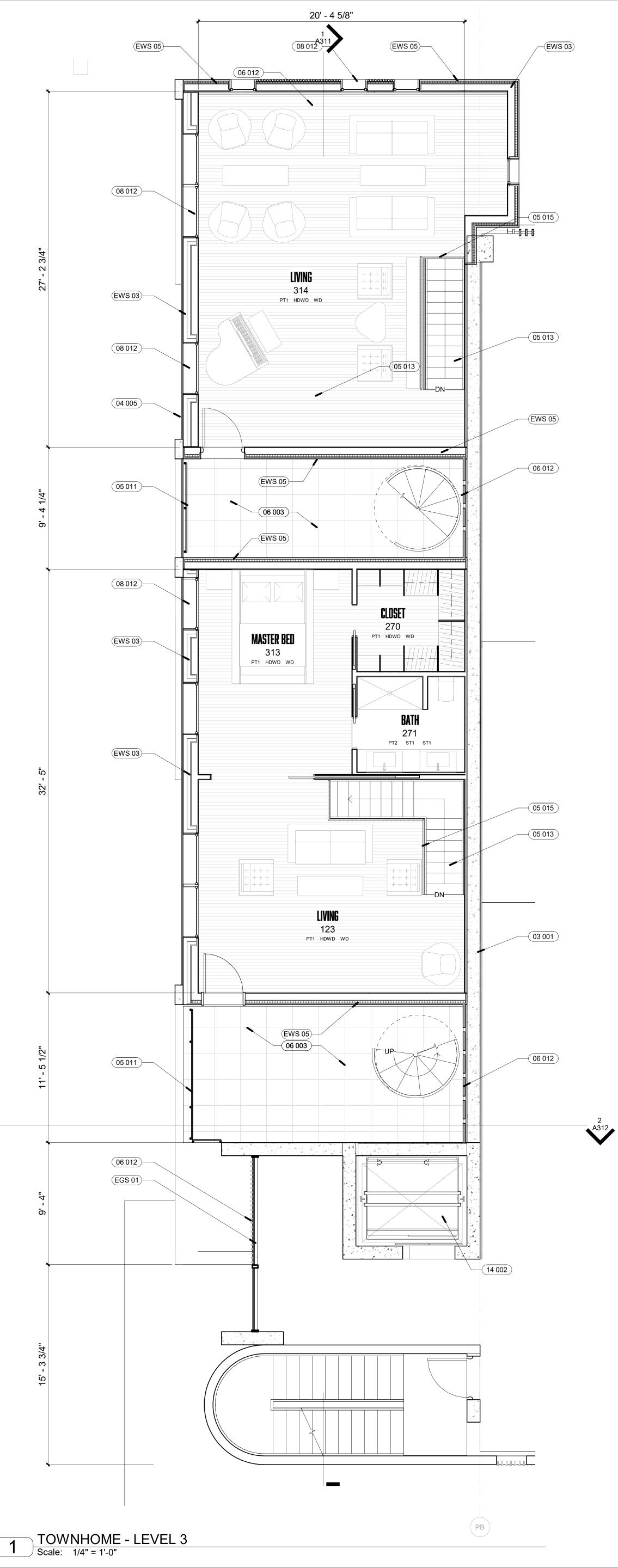
STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

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| <u>KEYNOTES</u> |  |  |
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| ###             | DESCRIPTION  |  |
| 03 001          | STRUCTURAL CONCRETE, RE: STRUCT. DWGS.                   |  |
| 04 005          | STONE FASCIA PANEL, COLOR BY ARCH                        |  |
| 05 011          | 1/2" TEMPERED GLASS GUARDRAIL IN<br>STAINLESS STEEL SHOE |  |
| 05 013          | PRE-ASSMEBLED GALV. STEEL STAIRS,<br>PAINTED             |  |
| 05 015          | STAINLESS STEEL GUARDRAIL WITH GLASS<br>PANEL INFILL     |  |
| 06 003          | 2X2 WOOD PAVERS B.O.D. BISON WITH                        |  |

06 012 CHARRED CEDAR VERTICAL WOOD SCREEN, WITH STEEL CLIPS ATTACHED TO WALL SYSTEM, B.O.D. RESAWN TIMBER CO. SHOU SUGI BAN CHARRED CEDAR) 08 012 THERMALLY BROKEN INSULATED ALUMINUM WINDOW SYSTEM GEARLESS TRACTION ELEVATOR, SELF 14 002

TROWELED-ON WATERPROOFING BELOW

SUPPORTED, 3500 POUND MACHINE-ROOM-LESS, B.O.D. THYSSENKRUPP **EVOLUTION 200** EGS 01 THERMALLY-BROKEN, INSULATED STEEL

STOREFRONT SYSTEM WITH LOW-E GLASS. B.O.D. DYNAMIC ARCHITECTURAL STEEL-ARTE STOREFRONT EWS 03 FULL BRICK WALL SYSTEM: BRICK, AIR AND WATER BARRIER, 5/8" DENSGLASS W/ SEALED

JOINTS, 3" RIGID INSULATION, STRUCTURE, 1" METAL FURRING, SHEET VAPOR BARRIER, 1/2" PTD GYP BOARD EWS 05 CAST-IN-PLACE ARCHITECTURAL CONCRETE

WALL SYSTEM WITH FORM-LINER, B.O.D. FITZGERALD FORMLINERS, TEXTURE BY ARCH EWS 08 VERTICALLY ORIENTED 1x2 CHARRED CEDAR BOARDS, MODIFIED WIDTHS CUT TO PATTERN SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP SYSTEM ATTACHED TO EDGE OF SLAB AS NECESSARY, B.O.D. RESAWN TIMBER CO. SHOU SUGI BAN CHARRED CEDAR)



## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

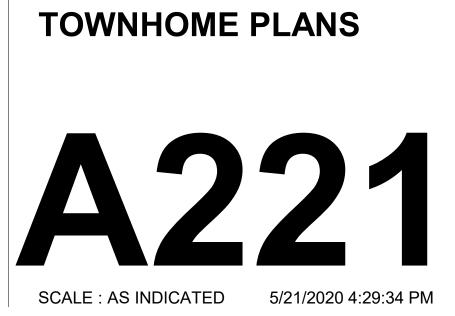
PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

# ARCHITECTS

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| ###     | DESCRIPTION   |
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| 03 001  | STRUCTURAL CONCRETE, RE: STRUCT. DWGS.  |
| 03 005  | CONCRETE STAIR, RE: STRUCT. DRAWINGS  |
| 04 005  | STONE FASCIA PANEL, COLOR BY ARCH   |
| 05 011  | 1/2" TEMPERED GLASS GUARDRAIL IN<br>STAINLESS STEEL SHOE  |
| 05 013  | PRE-ASSMEBLED GALV. STEEL STAIRS,<br>PAINTED  |
| 06 012  | CHARRED CEDAR VERTICAL WOOD SCREEN,<br>WITH STEEL CLIPS ATTACHED TO WALL<br>SYSTEM, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)  |
| 08 008  | UPWARD ACTING, FOLDING DOOR. CLEAR-VUE<br>BY WILSON INDUSTRIAL DOOR. ENLARGE<br>OPENINGS IN EXISTING MASONRY WALL   |
| 08 012  | THERMALLY BROKEN INSULATED ALUMINUM WINDOW SYSTEM   |
| 26 001  | LIGHT FIXTURE, RE: ELEC DWGS  |
| 32 002  | CONCRETE PLANTER WITH LINER, SOIL, AND VEGETATION   |
| 32 005  | PLANTER BOX, TYP  |
| EGS 02  | THERMALLY-BROKEN, INSULATED 2-SIDED SSG<br>STEEL CURTAINWALL SYSTEM WITH LOW-E<br>GLASS. B.O.D. TGP STEELBUILT CURTAINWALL<br>SSG SYSTEM  |
| EWS 01  | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS   |
|         | NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED.  |
| EWS 03  | FULL BRICK WALL SYSTEM: BRICK, AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, STRUCTURE, 1"<br>METAL FURRING, SHEET VAPOR BARRIER, 1/2"<br>PTD GYP BOARD  |
| EWS 08  | VERTICALLY ORIENTED 1x2 CHARRED CEDAR<br>BOARDS, MODIFIED WIDTHS CUT TO PATTERN<br>SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP<br>SYSTEM ATTACHED TO EDGE OF SLAB AS<br>NECESSARY, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)  |
| EWS 09  | COR-TEN WALL SYSTEM: <sup>1</sup> / <sub>4</sub> " COR-TEN WALL<br>PANEL ON MANUFACTURER BRACKETS, 1 <sup>1</sup> / <sub>2</sub> " 14<br>GA ST STEEL GIRT, 32" O.C., UV STABLE AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, CMU, 1" METAL<br>FURRING, SHEET VAPOR BARRIER, 1/2" PTD<br>GYP BOARD. |
| EWS 09A | COR-TEN WALL SYSTEM: <sup>1</sup> / <sub>4</sub> " COR-TEN WALL<br>PANEL ON MANUFACTURER BRACKETS, 1 <sup>1</sup> / <sub>2</sub> " 14<br>GA ST STEEL GIRT, 32" O.C., UV STABLE AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, EXPOSED STEEL BACKUP   |
| EWS 10  | FREE-STANDING SCREEN WALL, VERTICALLY<br>ORIENTED CHARRED WOOD BOARDS (2X8)<br>WITH CORTEN STEEL PANELS   |
| EWS 11  | WOOD CLADDING WALL SYSTEM: 1 1/4" WOOD<br>CLADDING, 1/4" AIRSPACE, 3" RIGID INSULATION<br>BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP<br>BOARD  |

BOARD

<u>KEYNOTES</u>



## **DETROIT MI 48201**

## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

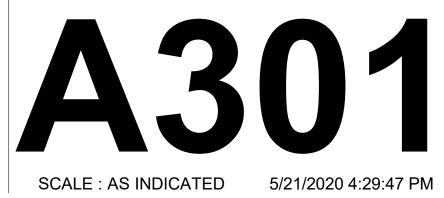
## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

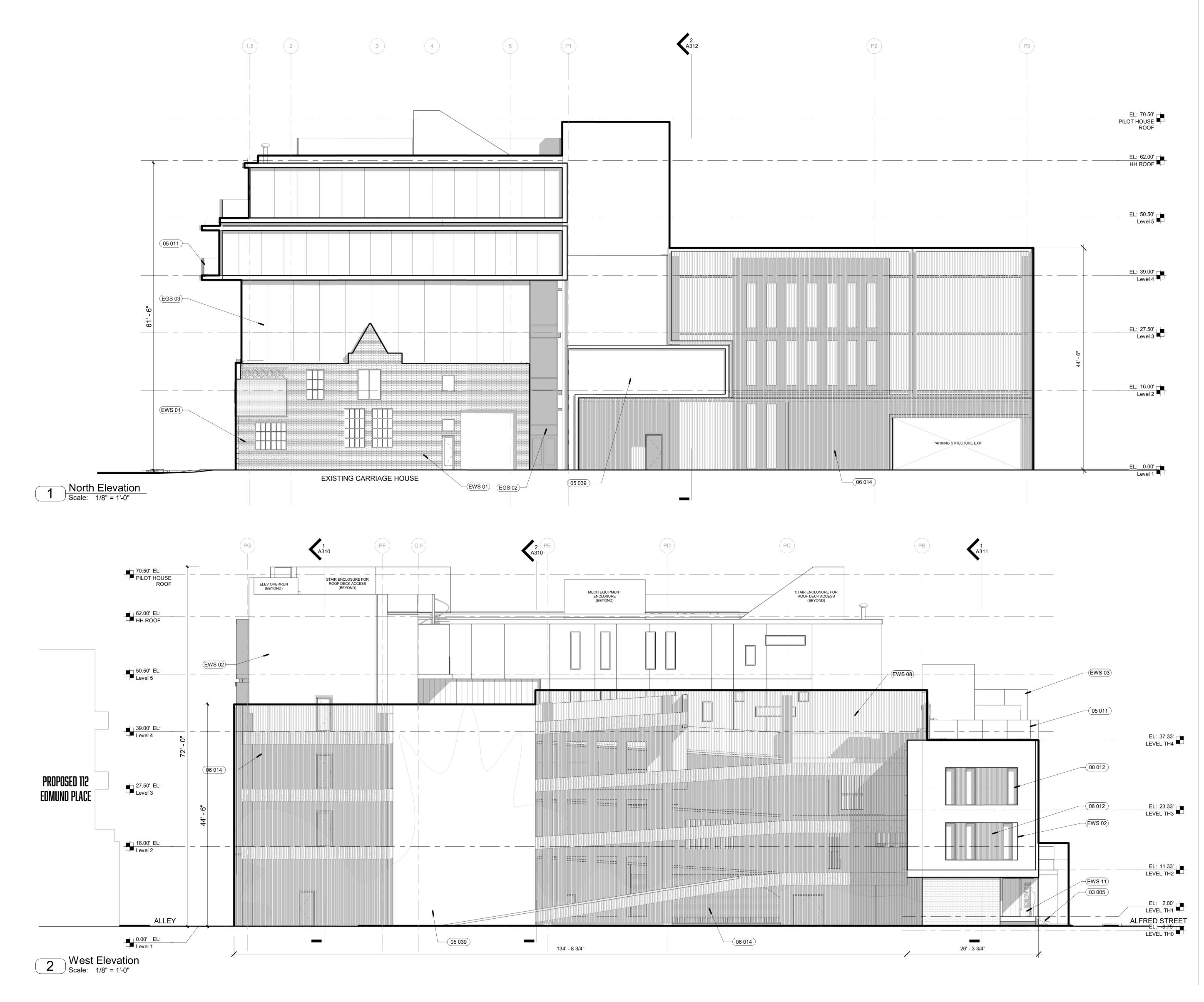
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| <u>KEYNOTES</u>  |   |  |  |
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| ### DESCRIPTION  |   |  |  |
| 03 005<br>05 011 | CONCRETE STAIR, RE: STRUCT. DRAWINGS<br>1/2" TEMPERED GLASS GUARDRAIL IN<br>STAINLESS STEEL SHOE  |  |  |
| 05 039           | GALVANIZED ENGINEERED TUBE STRUCTURE<br>AS REQUIRED TO SUPPORT GREENSCREEN<br>RAIL SYSTEM   |  |  |
| 06 012           | CHARRED CEDAR VERTICAL WOOD SCREEN,<br>WITH STEEL CLIPS ATTACHED TO WALL<br>SYSTEM, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)  |  |  |
| 06 014           | VERTICAL CHARRED CEDAR WITH<br>GREENSCREEN PANEL WALL SYSTEM  |  |  |
| 08 012           | THERMALLY BROKEN INSULATED ALUMINUM WINDOW SYSTEM   |  |  |
| EGS 02           | THERMALLY-BROKEN, INSULATED 2-SIDED SSG<br>STEEL CURTAINWALL SYSTEM WITH LOW-E<br>GLASS. B.O.D. TGP STEELBUILT CURTAINWALL<br>SSG SYSTEM  |  |  |
| EGS 03           | THERMALLY-BROKEN, INSULATED INTERNALLY<br>REINFORCED SSG STEEL CURTAINWALL<br>SYSTEM WITH LOW-E GLASS. B.O.D. TGP<br>STEELBUILT CURTAINWALL INFINITY SSG<br>SYSTEM  |  |  |
| EWS 01           | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS<br>NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED.   |  |  |
| EWS 02           | ZINC PANEL WALL SYSTEM: 1 1/4" FORMED ZINC<br>PANEL, 1/4" AIRSPACE, 3" RIGID INSULATION<br>BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP<br>BOARD |  |  |
| EWS 03           | FULL BRICK WALL SYSTEM: BRICK, AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, STRUCTURE, 1"<br>METAL FURRING, SHEET VAPOR BARRIER, 1/2"<br>PTD GYP BOARD  |  |  |
| EWS 08           | VERTICALLY ORIENTED 1x2 CHARRED CEDAR<br>BOARDS, MODIFIED WIDTHS CUT TO PATTERN<br>SHOWN @ 4" O.C. WITH STEEL CLIP BACKUP<br>SYSTEM ATTACHED TO EDGE OF SLAB AS<br>NECESSARY, B.O.D. RESAWN TIMBER CO. SHOU<br>SUGI BAN CHARRED CEDAR)                          |  |  |
| EWS 11           | WOOD CLADDING WALL SYSTEM: 1 1/4" WOOD<br>CLADDING, 1/4" AIRSPACE, 3" RIGID INSULATION<br>BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP<br>BOARD  |  |  |



## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

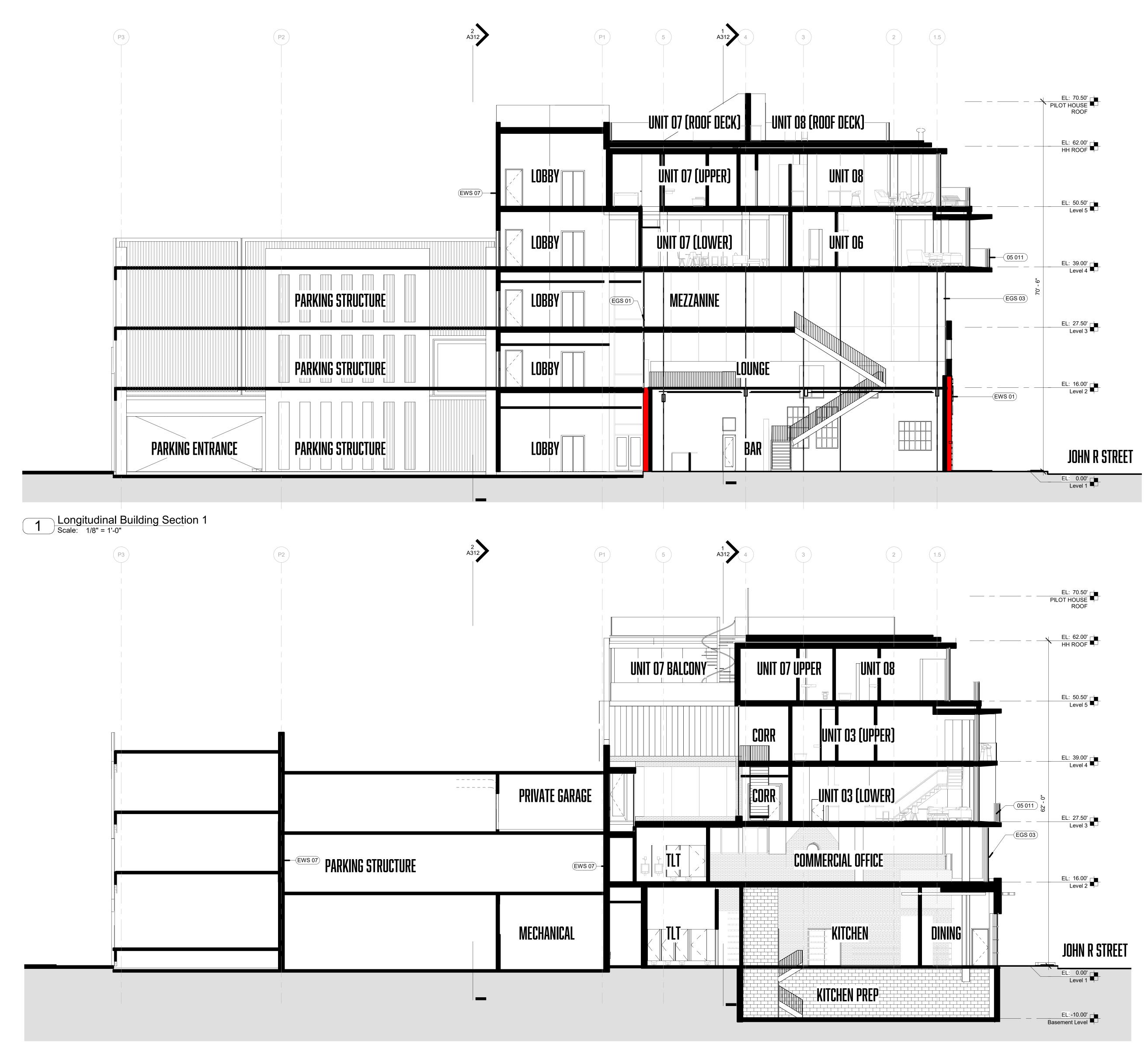
# ARCHITECTS

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2 Longitudinal Building Section 2 Scale: 1/8" = 1'-0"

## <u>KEYNOTES</u>

| ###           | DESCRIPTION   |
|---------------|---|
| 05 011        | 1/2" TEMPERED GLASS GUARDRAIL IN<br>STAINLESS STEEL SHOE  |
| EGS 01        | THERMALLY-BROKEN, INSULATED STEEL<br>STOREFRONT SYSTEM WITH LOW-E GLASS.<br>B.O.D. DYNAMIC ARCHITECTURAL STEEL-ARTE<br>STOREFRONT   |
| EGS 03        | THERMALLY-BROKEN, INSULATED INTERNALLY<br>REINFORCED SSG STEEL CURTAINWALL<br>SYSTEM WITH LOW-E GLASS. B.O.D. TGP<br>STEELBUILT CURTAINWALL INFINITY SSG<br>SYSTEM              |
| EWS 01        | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS<br>NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED. |
| <b>EWS 07</b> | PRECAST CONCRETE WALL SYSTEM WHITE  |

EWS 07 PRECAST CONCRETE WALL SYSTEM: WHITE PORTLAND CEMENT WITH FORMLINER



## DETROIT MI 48201

## OWNER

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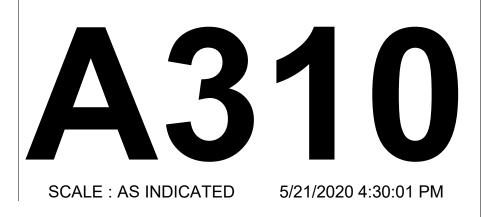
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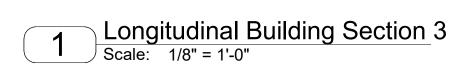
STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

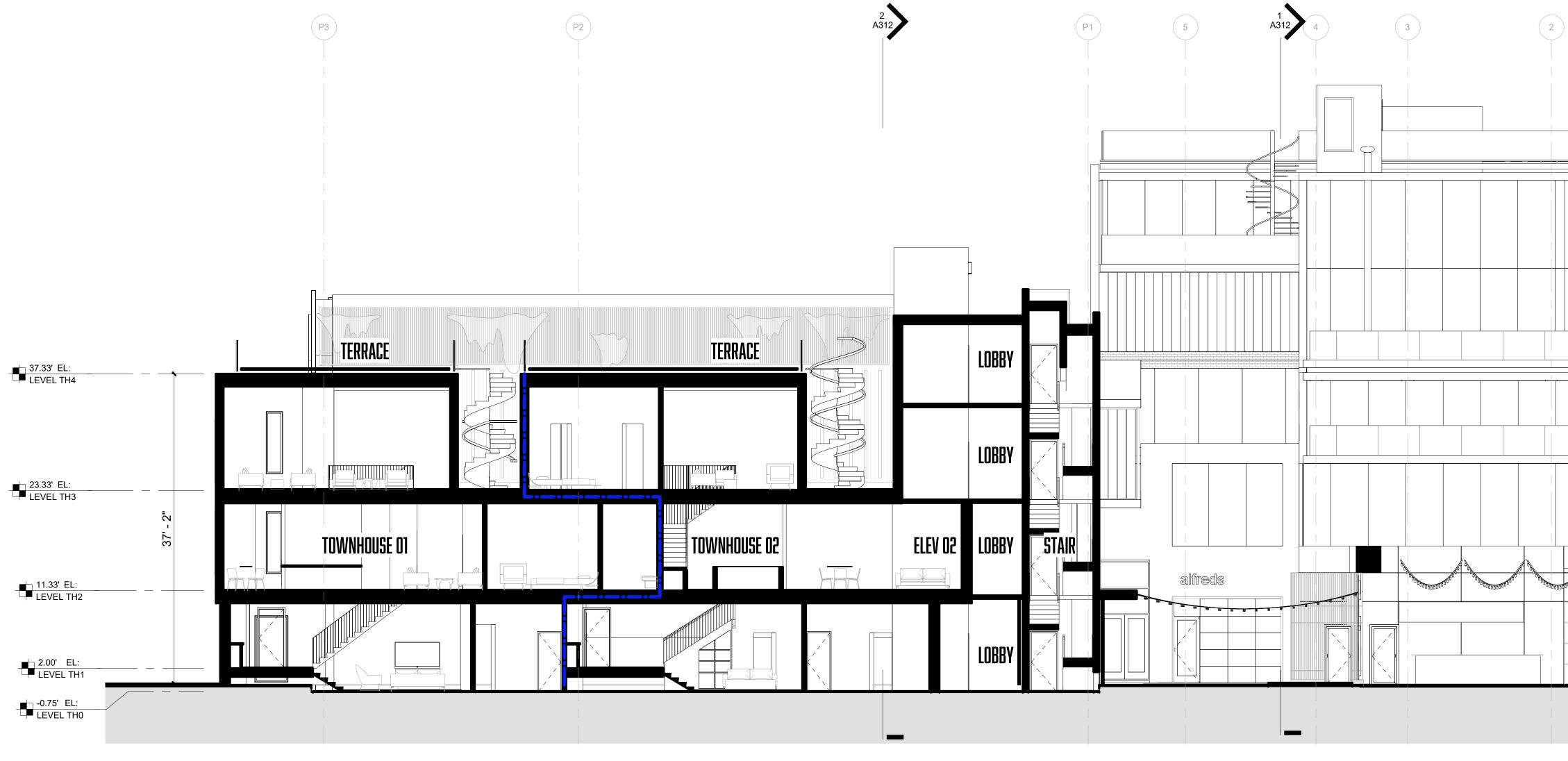
## OONBRA Architects

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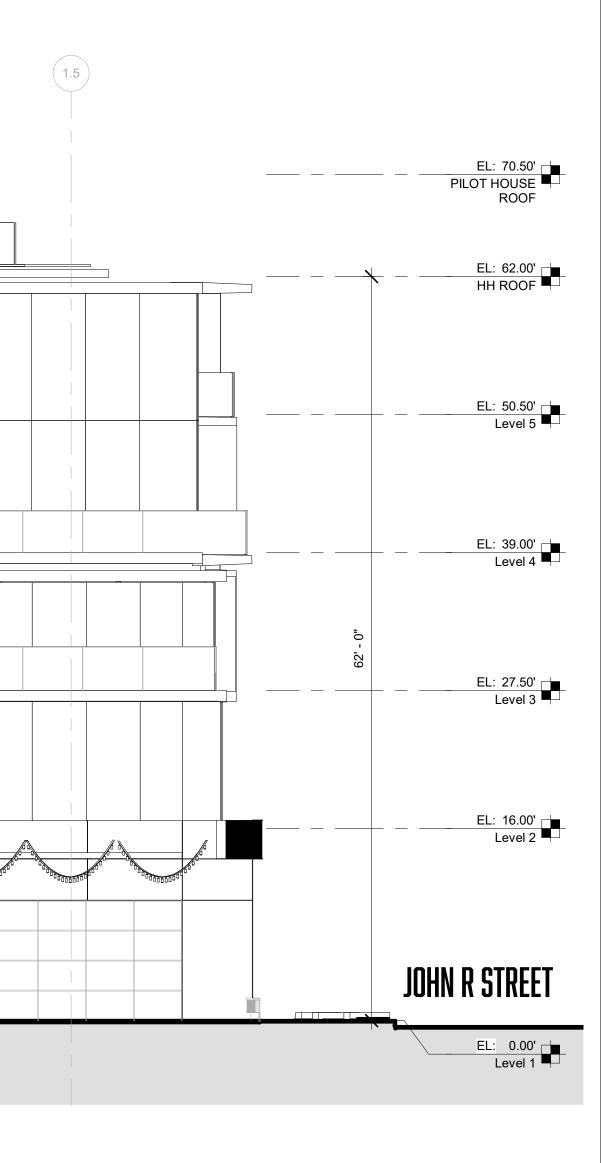




## <u>KEYNOTES</u>

### ###

## DESCRIPTION





## DETROIT MI 48201

## OWNER

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PEA INC. 45 WEST GRAND RIVER AVE SUITE 501 DETROIT, MI 48226 313.769.5770

## MEP ENGINEER

STRATEGIC ENERGY SOLUTIONS, INC. 4000 WEST ELEVEN MILE ROAD BERKLEY, MI 48072 248.399.1900

## OONBRA Architects

OOMBRA ARCHITECTS, LLC. PHILADELPHIA, PA WWW.OOMBRA.COM 215.948.2564

| DRAWING ISSUE  | DATE       |
|----------------|------------|
|                |            |
| SD PROGRESS    | 05.11.2020 |
| HDC SUBMISSION | 05.22.2020 |
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## **BUILDING SECTIONS**





| <u>KEYNOTES</u> |   |  |  |
|-----------------|---|--|--|
| ###             | DESCRIPTION   |  |  |
| 05 011          | 1/2" TEMPERED GLASS GUARDRAIL IN<br>STAINLESS STEEL SHOE  |  |  |
| 05 013          | PRE-ASSMEBLED GALV. STEEL STAIRS,<br>PAINTED  |  |  |
| 05 015          | STAINLESS STEEL GUARDRAIL WITH GLASS<br>PANEL INFILL  |  |  |
| 06 044          | HEAVY TIMBER STRUCTURE, RE: STRUC DWGS  |  |  |
| 08 008          | UPWARD ACTING, FOLDING DOOR. CLEAR-VUE<br>BY WILSON INDUSTRIAL DOOR. ENLARGE<br>OPENINGS IN EXISTING MASONRY WALL   |  |  |
| 08 012          | THERMALLY BROKEN INSULATED ALUMINUM<br>WINDOW SYSTEM  |  |  |
| 32 018          | CORTEN STEEL PLANTER BOXES WITH LINER,<br>GROWING MEDIA, VEGETATION   |  |  |
| EWS 01          | EXISTING RENOVATED BRICK WALL. CLEAN,<br>REPOINT, REPLACE AND SEAL BRICK AS<br>NECESSARY. 2x4 INTERIOR FURRING AT 24"<br>O.C., 3" CLOSED-CEL SPRAY INSUL, 5/8" GYP,<br>PAINTED.   |  |  |
| EWS 02          | ZINC PANEL WALL SYSTEM: 1 1/4" FORMED ZINC<br>PANEL, 1/4" AIRSPACE, 3" RIGID INSULATION<br>BETWEEN 2 1/2" Z-GIRTS, WRB, 5/8"<br>DENSGLASS W/ SEALED JOINTS, 6" METAL<br>STUDS @ 16" O.C. WITH 3" SPRAYED FOAM<br>POLYURETHANE INSULATION, AND 5/8" GYP<br>BOARD |  |  |
| EWS 03          | FULL BRICK WALL SYSTEM: BRICK, AIR AND<br>WATER BARRIER, 5/8" DENSGLASS W/ SEALED<br>JOINTS, 3" RIGID INSULATION, STRUCTURE, 1"<br>METAL FURRING, SHEET VAPOR BARRIER, 1/2"<br>PTD GYP BOARD  |  |  |
| EWS 10          | FREE-STANDING SCREEN WALL, VERTICALLY<br>ORIENTED CHARRED WOOD BOARDS (2X8)<br>WITH CORTEN STEEL PANELS   |  |  |



## OWNER

BRUSH PARK PROPERTIES, LLC 79 ALFRED STREET DETROIT, MICHIGAN 48201 313.578.1200

## STRUCTURAL ENGINEER

THE HARMAN GROUP, INC. 900 WEST VALLEY FORGE ROAD SUITE 200 KING OF PRUSSIA, PA 19406 610.337.3360

## LANDSCAPE & CIVIL ENGINEER

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# ARCHITECTS

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