

CODE DATA ANIALYCIC
CODE DATA ANALYSIS

I. APPLICABLE BUILDING CODES AND REGULATIONS

2015 NEW MEXICO COMMERCIAL BUILDING CODE (2015 IBC, AMENDED)

2015 NEW MEXICO MECHANICAL CODE (AS AMENDED BY UAC)

2015 NEW MEXICO PLUMBING CODE (AS AMENDED BY UAC)

2018 NEW MEXICO ENERGY CONSERVATION CODE

2015 NEW MEXICO EXISTING BUILDING CODE
2015 NEW MEXICO ELECTRICAL CODE
2015 INTERNATIONAL FIRE CODE

CLASSIFICATION OF WORK PER IEBC, CHAPTER 5 CLASSIFICATION OF WORK
PER IEBC 2015 - ALTERATION LEVEL 2: WORK AREA EXCEEDS MORE THAN 50% OF THE BUILDING AREA.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS (PER IBC TABLE 803.11)

OCCUPANCY CLASSIFICATION PER IBC CHAPTER 3
B - BUSINESS (OFFICES AND WORK SPACES)

CONSTRUCTION TYPE (IBC CHAPTER 6)
IIB - FULLY SPRINKLERED

ANSI 117.1, 2009 EDITION

ALLOWABLE AREA FACTOR (PER IBC 2015 TABLE 506.2)
TOTAL BUILDING OCCUPANCY TYPE IS B - BUSINESS

ALLOWABLE AREA FACTOR FOR OCCUPANCY B AND TYPE IIB CONSTRUCTION, SPRINKLERED - 92,000 SF TOTAL WORK AREA: 29,560 SF - THEREFORE COMPLIANT

FOR SPRINKLERED OCCUPANCY TYPE S: CLASS C FINISHES REQUIRED

TYPE "X" GYPSUM BOARD FOR CEILINGS AND WALLS MEETS THE CLASS B AND C REQUIREMENTS, THEREFORE COMPLIANT (REFER TO WALL TYPES ON G-003)

FOR SPRINKLERED OCCUPANCY TYPE B: CLASS B FINISHES REQUIRED FOR EXIT PASSAGEWAYS, CLASS C FOR ENCLOSED SPACES

CITY OF ALBUQUERQUE
PLANNING
These plans have been reviewed for code compliance and are:

APPROVED

be construed to be a permit for any violations of any code or ordinance

A printed copy of these plans shall be on the job site for all requested inspections.

PERMIT #: BP-2021-52937

VII. SEISMIC DESIGN CATEGORY: D

RUPAL S. ENGINEER
No. 3230

RED ARCh
12/15/2021

IMPROVE GROUP
SI/GRIDWORKS RENOVATION
3900 SINGER BLVD NE
ALBUQUERQUE, NM 87109

DATE: 12/16/2021

DRAWN BY: NF
CHECKED BY: RE

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SHEET TITLE

CODE ANALYSIS

G-002

MEANS OF EGRESS: REFER TO PLAN ON THIS SHEET EXIT ACCESS AND TRAVEL DISTANCE PER 1017.2 (WITH SPRINKLER SYSTEM): 300' MAX., PROVIDED 191' MAX, THEREFORE COMPLIANT. MINIMUM NUMBER OF EXITS PER 1006.3.1: 2 REQUIRED, 5 PROVIDED, THEREFORE COMPLIANT. PLUMBING FIXTURE CALCULATIONS: REFER TO PLUMBING FIXTURE TABLE ON THIS SHEET. LEGEND: 1) CODE ANALYSIS 1/16" = 1'-0"

PLUMBING FIXTURE SCHEDULE

FACTOR:

FACTOR:

FACTOR:

FEMALE: 1.9 1/80 (REMAINDER)

M&F: 1/40 (FIRST 80)

M&F: 1/40 (FIRST 80)

FACTOR: 1/100

REQUIRED: MALE: 4, FEMALE: 4

PROVIDED: MALE: 4, FEMALE: 4

1/80 (REMAINDER)

LAVATORIES

REQUIRED:

MALE: 0.4

FEMALE: 0.4

REQUIRED:

MALE: 0.3

FEMALE: 0.3

REQUIRED:

MALE: 1.8

FEMALE: 1.8

REQUIRED:

FEMALE: 1.2

REQUIRED:

MALE: 1.2

DRINKING FOUNTAINS

FACTOR: REQUIRED

0.4

REQUIRED

0.2

REQUIRED

1.4

REQUIRED

REQUIRED

0.0

1/500

FACTOR:

1/500

FACTOR:

1/100

FACTOR:

1/100

FACTOR:

1/1000

REQUIRED: 3

PROVIDED: 4

SERVICE SINKS

REQUIRED:

1 SERVICE SINK

REQUIRED: 1

PROVIDED: 1

WATER CLOSET

REQUIRED:

MALE: 1.2

FEMALE: 1.2

REQUIRED:

MALE: 0.5

FEMALE: 0.9

REQUIRED:

FEMALE: 2.4

REQUIRED:

REQUIRED:

MALE: 2.4

FACTOR:

FACTOR:

FACTOR:

FACTOR:

MALE: 1/125

FEMALE: 1/65

M&F: 1/25 (FIRST 50)

M&F: 1/25 (FIRST 50) MALE: 1.9

REQUIRED: MALE: 6, FEMALE: 6

PROVIDED: MALE: 6, FEMALE: 7

1/50 (REMAINDER)

1/50 (REMAINDER)

FACTOR: 1/100

MALE: 1/75

FEMALE: 1/75

A2: BREAK AREAS

OL: 178

OL: 115

OL: 144

MALE: 72

FEMALE: 72

B2: HALLS/RR

MALE: 48

FEMALE: 48

S: STOR/MECH/I.T.

MALE: 57.5

FEMALE: 57.5

B: OFFICES/REC.

MALE: 89

FEMALE: 89

A3: WAIT./CONF.

OCCUPANT LOAD CALCS

2,670 SF A2

14,426 SF B

2,411 SF

WAITING/CONFERENCE AREAS 1,729 SF A3

HALLS/RESTROOMS/MOTHERS 9,633 SF B2

BREAK AREAS

MECH/ELEC/STOR/I.T.

OCC. LOAD

15 SF

15 SF

100 SF

100 SF

300 SF

AREA USE TYPE FACTOR GROSS/NET OCCUPANTS

NET

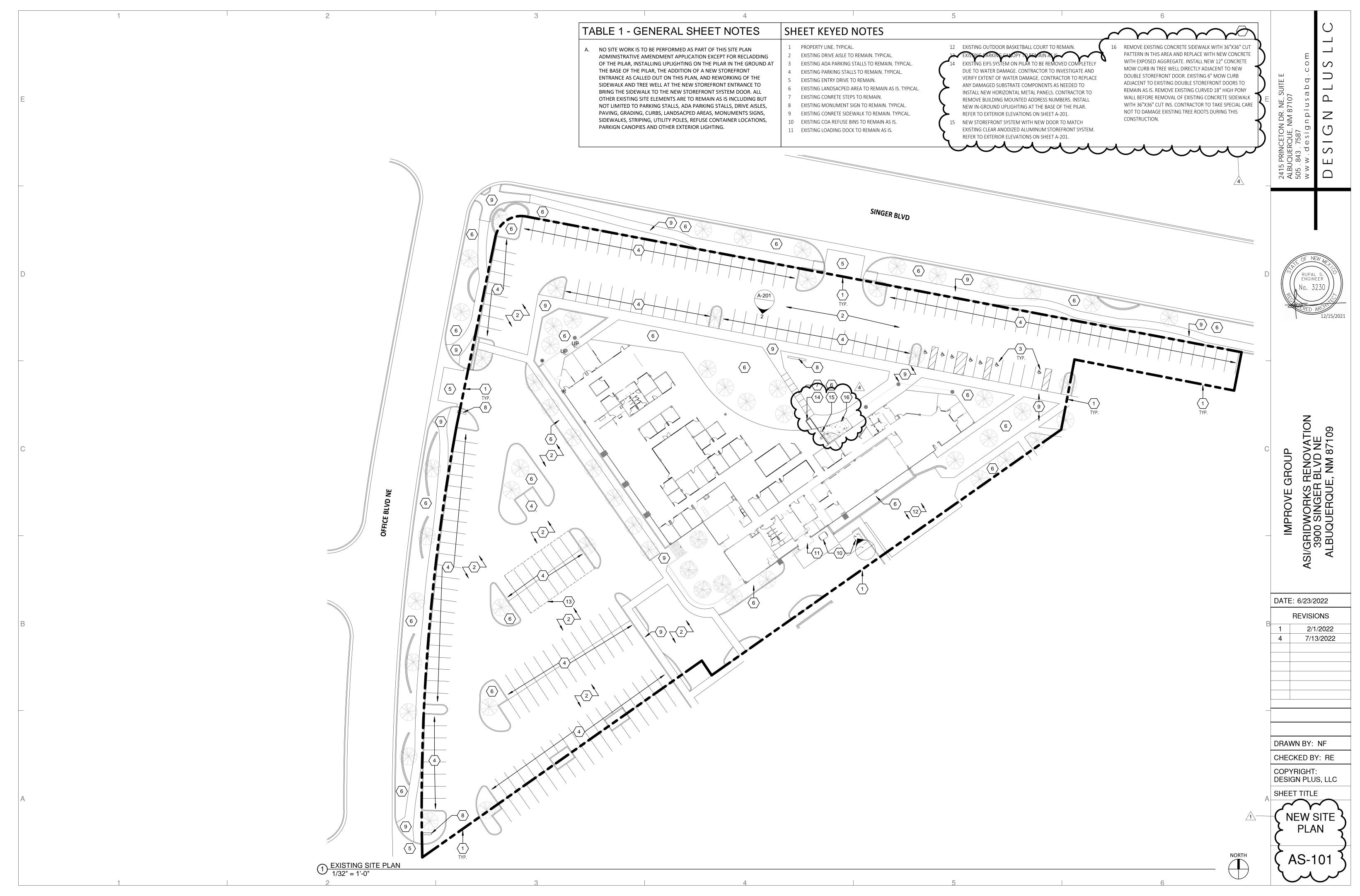
GROSS

GROSS

GROSS

TOTAL OCCUPANTS: 541

TOTAL



ASI/GRIDWORKS REN 3900 SINGER BLV ALBUQUERQUE, NN IMPROVE GR

DATE: 6/23/2022

REVISIONS 7/13/2022

EX. PILAR 40' - 0"

EX. PARAPET 30' - 0"

EX. EXTERIOR

DRAWN BY: NF CHECKED BY: RE

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SHEET TITLE

EXTERIOR LELEVATIONS A-201

GENERAL SHEET NOTES

A. NO SITE WORK IS TO BE PERFORMED AS PART OF THIS SITE PLAN ADMINISTRATIVE AMENDMENT APPLICATION EXCEPT FOR RECLADDING OF THE PILAR, INSTALLING UPLIGHTING ON THE PILAR IN THE GROUND AT THE BASE OF THE PILAR, THE ADDITION OF A NEW STOREFRONT ENTRANCE AS CALLED OUT ON THIS PLAN, AND REWORKING OF THE SIDEWALK AND TREE WELL AT THE NEW STOREFRONT ENTRANCE TO BRING THE SIDEWALK TO THE NEW STOREFRONT SYSTEM DOOR. ALL OTHER EXISTING SITE ELEMENTS ARE TO REMAIN AS IS INCLUDING BUT NOT LIMITED TO PARKING STALLS, ADA PARKING STALLS, DRIVE AISLES, PAVING, GRADING, CURBS, LANDSACPED AREAS, MONUMENTS SIGNS, SIDEWALKS, STRIPING, UTILITY POLES, REFUSE CONTAINER LOCATIONS, PARKIGN CANOPIES AND OTHER EXTERIOR LIGHTING.

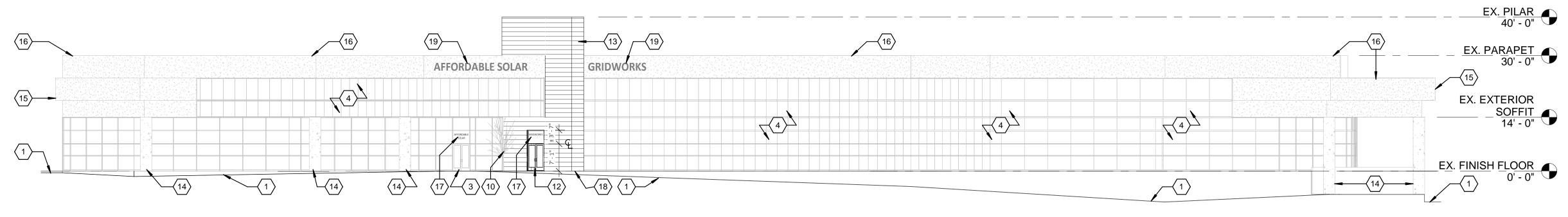
SHEET KEYED NOTES

- 2 EXISTING COLUMNS TO REMAIN AS IS.

1 EXISTING GRADE TO REMAIN AS IS.

- 3 EXISTING STOREFRONT SYSTEM AND DOOR TO REMAIN AS IS.
- 4 EXISTING GLASS CURTAIN WALL SYSTEM TO REMAIN AS IS. 5 EXISTING EIFS EXTERIOR WALL SYSTEM TO REMAIN AS IS.
- 6 EXISTING PARAPET WITH EIFS FINISH TO REMAIN AS IS.
- 7 EXISTING PILAR TO REMAIN AS IS. REMOVE WATER DAMAGED EIFS SYSTEM. GC TO VALIDATE EXTENT OF WATER DAMAGE AND SHALL INSTALL NEW SUBSTRATE TO INSTALL NEW HORIZONTAL METAL PANELS. REMOVE DAMAGED INSULATION AND
- REPLACE WITH NEW INSULATION AND WEATHER BARRIER. 8 EXISTING ADDRESS SIGNAGE TO BE REMOVED COMPLETELY PRIOR TO REMOVAL OF
- 9 EXISTING 18" PONY WALL AND CAP TO BE REMOVED COMPLETELY FOR NEW SIDEWALK POUR.
- 10 EXISTING TREE IN TREE WELL TO REMAIN AS IS. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE TREE ROOTS DURING DEMOLITION AND CONSTRUCTION OF SIDEWALK, MOVING OF ELECTRICAL LIGHTING BOX, AND CONCRETE MOW CURB. REFER TO AS-101 SITE PLAN.
- 11 THIS PORTION OF EIFS COVERED WALL TO BE REMOVED COMPLETELY FOR NEW STOREFRONT SYSTEM. SEE NEW EXTERIOR ELEVATION ON THIS SHEET.
- 12 NEW STOREFRONT SYSTEM WITH DOUBLE DOORS TO MATCH EXISTING ADJACENT DOUBLE STOREFRONT SYSTEM WITH TRANSOM.
- 13 PILAR TO GET NEW HORIZONTAL METAL PANELS INSTALLED OVER NEW SUBTRATE, WEATHER BARRIER, AND INSULATION AT PORTION OF WALL THAT ABUTS INTERIOR SPACES. HORIZONTAL METAL PANELS TO BE A DARK GRAY COLOR.
- 14 EXISTING COLUMNS TO GET NEW PAINTED FINISH. COLOR TO BE LIGHT CREAM/WHITE.
- 15 EXISTING EIFS WALL SYSTEM TO GET NEW PAINTED FINISH. COLOR TO BE CREAM/WHITE.
- 16 EXISTING EIFS FINISHED PARAPET TO GET NEW PAINTED FINISH. COLOR TO BE CREAM/WHITE.
- 17 NEW VINYL SIGNAGE AT TRANSOM ABOVE DOOR. 18 INSTALL NEW IN-GROUND UPLIGHTING AT BASE OF PILAR.

19 NEW BUILDING MOUNTED SIGNAGE TO BE LOCATED HERE.



2 NEW EXTERIOR NORTH ELEVATION 1/16" = 1'-0"

EX. FINISH FLOOR
0' - 0"

1/16" = 1'-0"