



Zoning Administrator Hearing

Alexis Oropeza, Hearing Officer

Tuesday, October 13, 2020
Via Teleconference
2:00 p.m.

ZONING ADMINISTRATOR HEARING VIA TELECONFERENCE PURSUANT TO EXECUTIVE ORDER N-29-20 ISSUED BY GOVERNOR GAVIN NEWSOM

For information on how participate in this meeting, visit:
www.longbeach.gov/lbds/planning/current/zoning/administrator

CONSENT CALENDAR

- 1. Application No. 2004-25 (LMG20-008)** **845 AND 851 Martin Luther King Jr. Avenue**
(Miguel Samayoa, Project Planner) (District 1)

A request for a lot merger of two adjoining lots (2,800 and 2,800-square-feet, to create a lot of 5,600-square-feet), located at 845 & 851 Martin Luther King Jr. Avenue in the Downtown Plan (PD-30) Planned Development District.

REGULAR AGENDA

- 2. Application No. 2001-07 (AUP20-016; LMG20-17)** **720 – 730 West Esther Street**
(Marcos Lopez Jr., Project Planner) (District 1)

Administrative Use Permit to operate cultivation and distribution use for an adult-cannabis business within an existing 13,667-square-foot building and a request to merge two lots into a single 21,366 square foot parcel located at 720-730 West Esther Street in the General Industrial (IG) zoning district. (District 1).

Environmental Review: This project qualifies for a categorical exemption per Section 15301 (Existing Facilities) and 15305 (Minor Alternation in Land Use Limitations) of the California Environmental Quality Act Guidelines. (CE20-001)

Suggested Action: Approve, subject to conditions.

To request this information in an alternative format or to request a reasonable accommodation, please contact the Development Services Department at longbeach.gov/lbds and 562.570.3807. A minimum of three business days is requested to ensure availability; attempts will be made to accommodate requests with shorter notice.

LOT MERGER - EXHIBIT "A"
LEGAL DESCRIPTION

EXISTING LEGAL DESCRIPTIONS:

PARCEL 1

851 MARTIN LUTHER KING JR. AVE. APN 7274-021-037

THE EAST HALF OF LOT 1 OF BLOCK 4 OF HELLER AND HAYES TRACT IN THE CITY OF LONG BEACH, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA AS PER MAP RECORDED IN BOOK 83, PAGE 54 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL 2

845 MARTIN LUTHER KING JR. AVE. APN 7274-021-038

THE EAST HALF OF LOT 2 OF BLOCK 4 OF HELLER AND HAYES TRACT IN THE CITY OF LONG BEACH, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA AS PER MAP RECORDED IN BOOK 83, PAGE 54 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PROPOSED LEGAL DESCRIPTION:

THE EAST HALF OF LOTS 1 AND 2 OF BLOCK 4 OF HELLER AND HAYES TRACT IN THE CITY OF LONG BEACH, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA AS PER MAP RECORDED IN BOOK 83, PAGE 54 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THEREFROM ALL OIL, GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND BUT WITH NO RIGHT OF SURFACE ENTRY AS PROVIDED IN DEEDS OF RECORD.

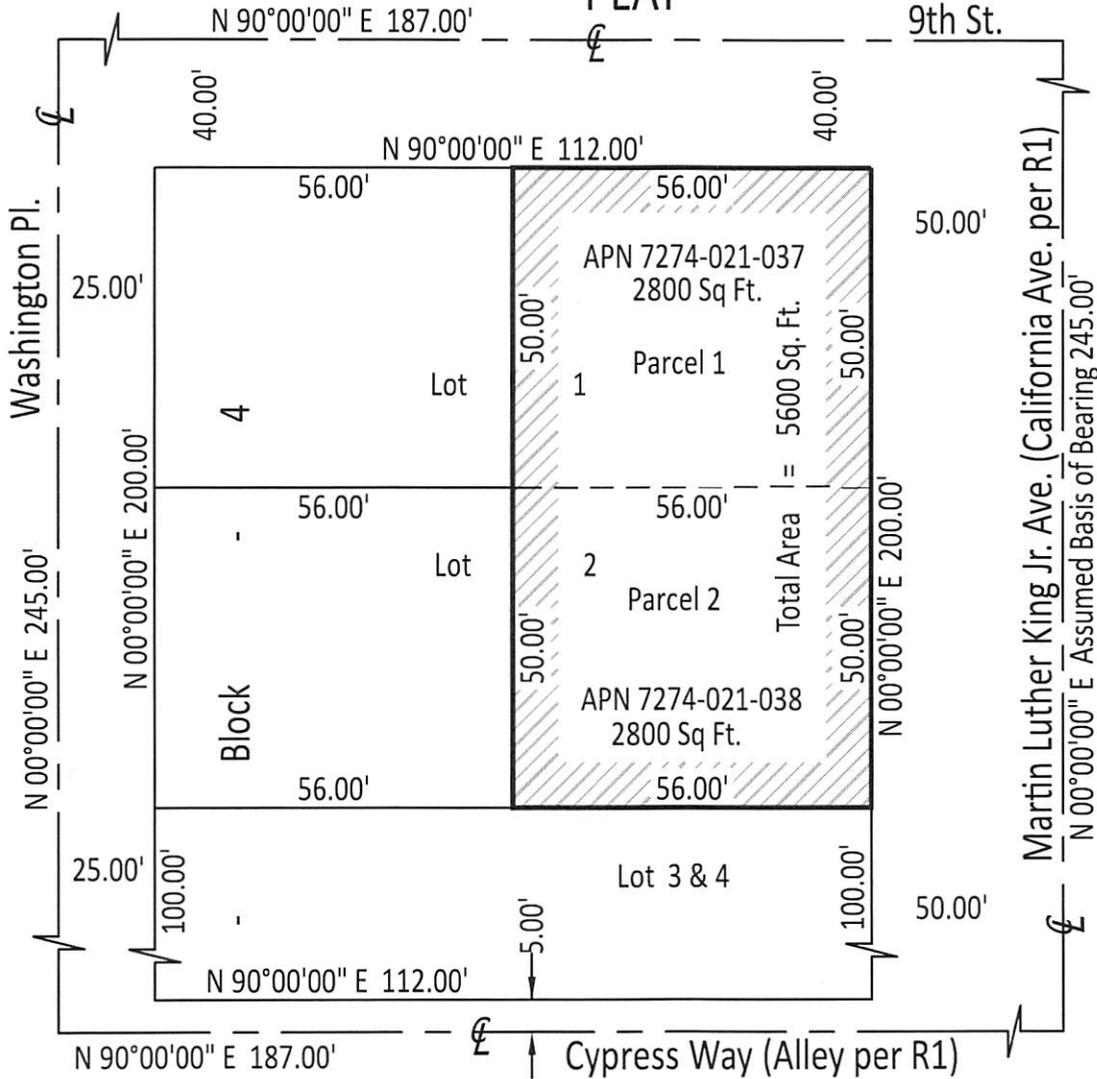


Mark E. Price 9-8-2020
MARK E. PRICE, PLS 7764 DATE

Aztec Land Surveys, Inc.
18700 Wellhaven St.
Canyon Country, CA 91351
Call Text 818-724-4011
MPricePLS@gmail.com

LOT MERGER - EXHIBIT "B"

PLAT



Scale 1" = 30'

R1 = Heller and Hayes Tract M.R. Book 83 Page 54

Mark E. Price 9-8-2020
 Mark E. Price, PLS 7764 Date



Basis of Bearings

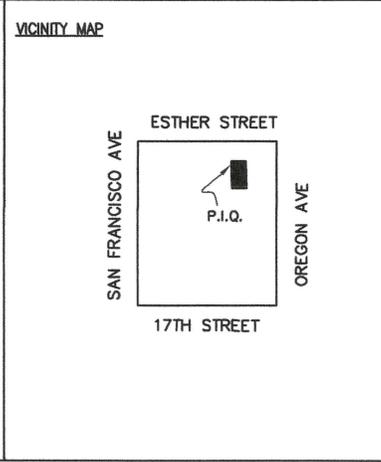
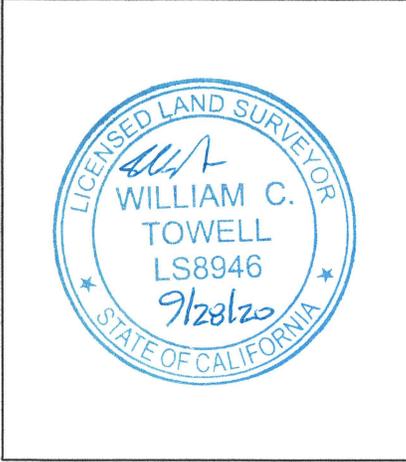
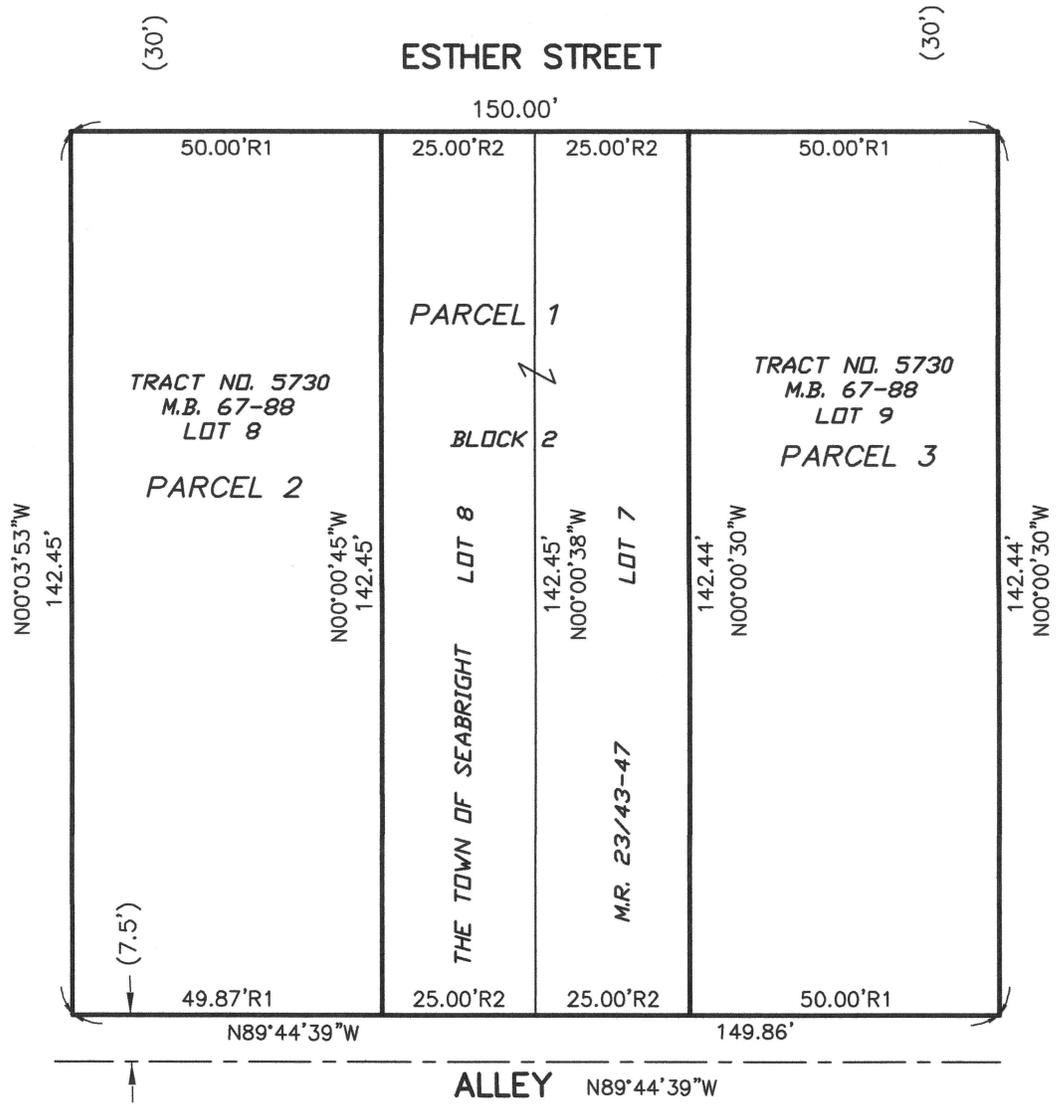
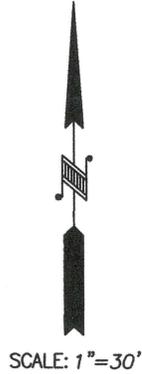
The bearings shown hereon are based upon the centerline of Martin Luther King Jr Ave., being North 0°00'00" East Assumed per Heller and Hayes Tract M.R. Book 83 Page 54.

- Legend
- Proposed Merged Parcel
 - - - - - Lot Line to be removed

Measurements shown hereon are based on information of record, A field survey was not performed.

Aztec Land Surveys, Inc.		Property Information		Project No. 20-0135	
18700 Wellhaven St. Canyon Country, CA 91351 Call Text 818-724-4011 Office 661-433-7062 MPricePLS@gmail.com		845 & 851 Martin Luther King Jr Ave. Long Beach CA 90813 Portion of Lots 1 & 2 Block 4 Heller and Hayes Tract M.R. Book 83 Page 54 APN 7274-021-037 & 7274-021-038		Date	08-17-2020
				Drawn	MP
				Approved	MP
				Scale	1" = 30'
				Sheet	1 of 1

LOT MERGER EXISTING PARCELS



LEGEND:
 R1 = THE TOWN OF SEABRIGHT
 M.R. 23/43-47
 R2 = TRACT NO. 5730 M.B. 67-88

— = BOLD LINE DENOTES EXISTING PARCELS

BASIS OF BEARINGS:
 THE BEARING OF N89°44'22"E FOR THE CENTERLINE OF ESTHER STREET AS SHOWN ON TRACT NO. 5730

AREA:

EXISTING
 PARCEL 1 = 7,121 SF
 APN 7271-016-04

EXISTING
 PARCEL 2 = 7,113 SF
 APN 7271-016-04

EXISTING
 PARCEL 3 = 7,122 SF
 APN 7271-016-05

PREPARED BY: TOWELL SURVEYING		OWNER INFORMATION		EXHIBIT "B"	
CONTACT NAME: WILLIAM C. TOWELL		NAME: GREENVIEW EQUITIES LLC		SITE ADDRESS: 728 W. ESTHER STREET LONG BEACH, CA 90813	
ADDRESS: 3677 IROQUOIS AVE.		ADDRESS: 15250 VENTURA BLVD SUITE 700			
CITY STATE ZIP: LONG BEACH, CA 90808		CITY STATE ZIP: SHERMAN OAKS, CA 91403		SCALE: 1"=30' 1 OF 2	

LEGAL DESCRIPTION

EXISTING PARCELS EXHIBIT "A"

PARCEL A:

PARCEL 1:

LOT 7 AND LOT 8 BLOCK 2 OF THE TOWN OF SEABRIGHT, IN THE CITY OF LONG BEACH, AS PER MAP RECORDED IN BOOK 23, PAGES 43 THROUGH 47 OF MISCELLANEOUS RECORD, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY.

APN 7271-016-04

PARCEL 2:

LOT 8 OF TRACT NO. 5730, IN THE CITY OF LONG BEACH, AS PER MAP RECORDED IN BOOK 67, PAGE 88 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY.

APN 7271-016-04

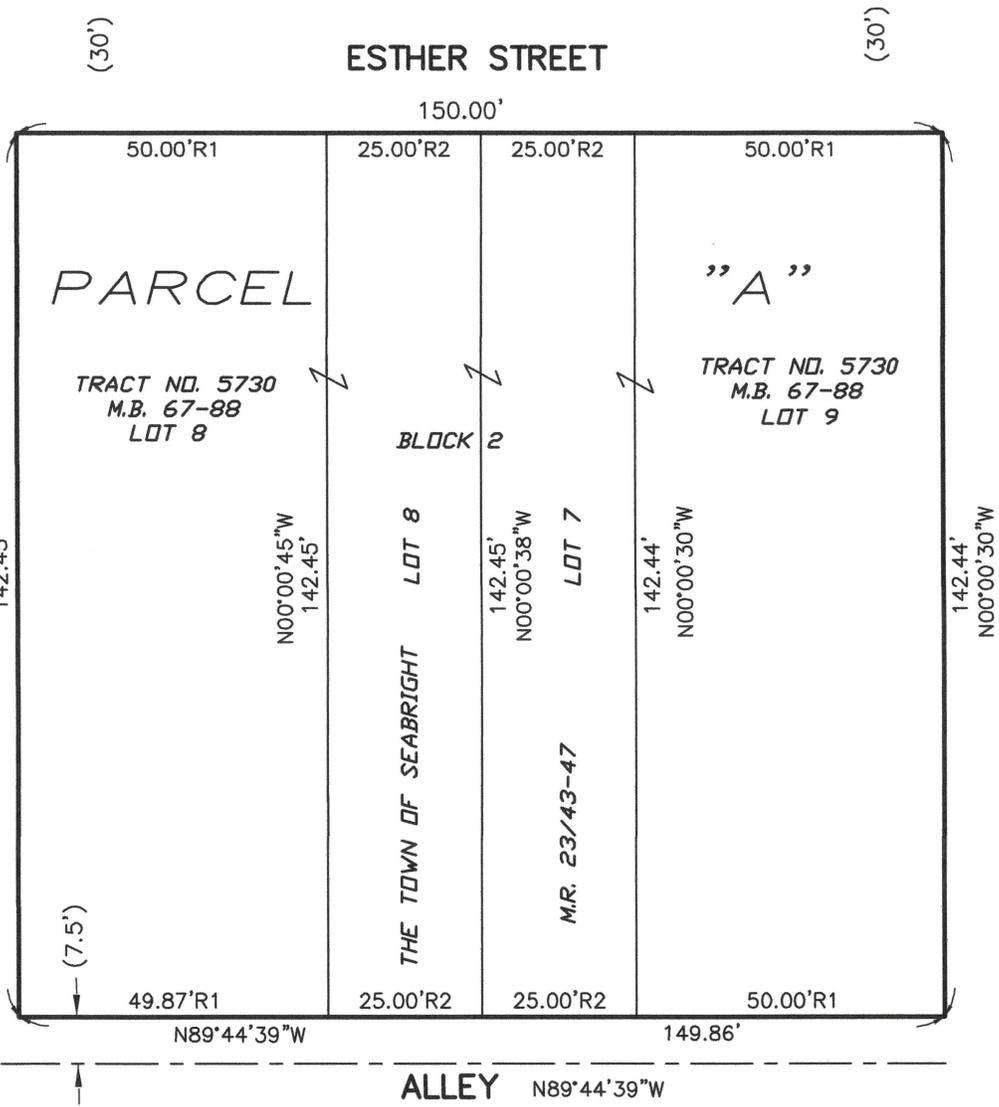
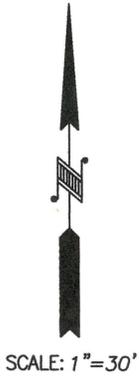
PARCEL 3:

LOT 9 OF TRACT NO. 5730, IN THE CITY OF LONG BEACH, AS PER MAP RECORDED IN BOOK 67, PAGE 88 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY.

APN 7271-016-05



LOT MERGER PROPOSED PARCEL "A"



	<p><u>VICINITY MAP</u></p>	<p><u>LEGEND:</u> R1 = THE TOWN OF SEABRIGHT M.R. 23/43-47 R2 = TRACT NO. 5730 M.B. 67-88</p> <p>— = BOLD LINE DENOTES PARCEL "A"</p>	<p><u>AREA:</u> PROPOSED PARCEL A = 21,356 SF</p>
<p><u>BASIS OF BEARINGS:</u> THE BEARING OF N89°44'22"E FOR THE CENTERLINE OF ESTHER STREET AS SHOWN ON TRACT NO. 5730</p>			

PREPARED BY: TOWELL SURVEYING		OWNER INFORMATION		EXHIBIT "B"	
CONTACT NAME: WILLIAM C. TOWELL		NAME: GREENVIEW EQUITIES LLC		SITE ADDRESS: 728 W. ESTHER STREET LONG BEACH, CA 90813	
ADDRESS: 3677 IROQUOIS AVE.		ADDRESS: 15250 VENTURA BLVD SUITE 700			
CITY STATE ZIP: LONG BEACH, CA 90808		CITY STATE ZIP: SHERMAN OAKS, CA 91403		SCALE: 1"=30'	
2 OF 2					

LEGAL DESCRIPTION

EXHIBIT "A"

PARCEL A:

LOT 8 AND LOT 9 TRACT NO. 5730, IN THE CITY OF LONG BEACH, AS PER MAP RECORDED IN BOOK 67, PAGE 88 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY. TOGETHER WITH LOT 7 AND LOT 8 BLOCK 2 THE TOWN OF SEABRIGHT, IN THE CITY OF LONG BEACH, AS PER MAP RECORDED IN BOOK 23, PAGES 43 THROUGH 47 OF MISCELLANEOUS RECORD, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY.



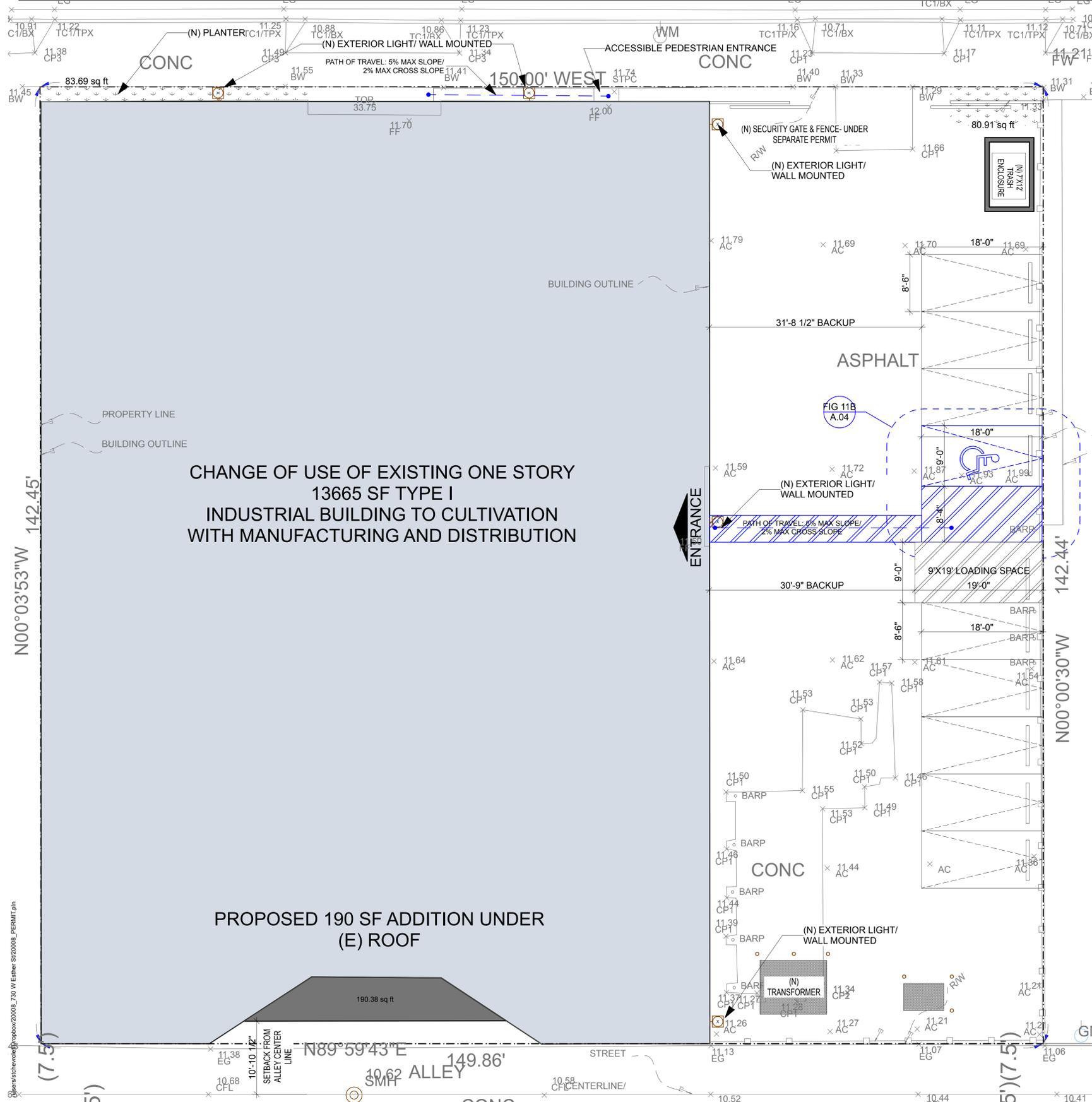
730 W ESTHER ST

GREENVIEW EQUITIES LLC N



PROPOSED SITE PLAN

SCOPE OF WORK



CHANGE OF USE FROM INDUSTRIAL TO NURSERY WITH MANUFACTURING AND DISTRIBUTION; 190 SF ONE STORY ADDITION UNDER EXISTING ROOF

PROJECT DATA

A.P.N.: 7271 016 004
 ZONING: IG/ LIGHT INDUSTRIAL
 SITE AREA: 21,357 SF
 BLDG USE: INDUSTRIAL
 OCC. GROUP: F-1
 CONST. TYPE: TYPE 1
 CLIMATE ZONE: 9
 BLDG. CODE: 2019 CBC
 LEGAL DESC'N: LOTS 8 & 9 TRACT NO. 5730 RECORDED IN BOOK 67 PAGE 88 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA. AND LOTS 7 & 8 BLOCK 2 BLOCK IN THE TOWN OF SEABRIGHT OF MISCELLANEOUS MAPS IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA.

SHEET INDEX

A.01	TITLE SHEET/ PROPOSED SITE PLAN
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A.03	EXISTING FLOOR PLAN
A.04	PROPOSED FLOOR PLAN
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A.06	PROPOSED ROOF PLAN
A.07	PROPOSED REFLECTED CEILING PLAN
A.08	EXISTING EXTERIOR ELEVATIONS
A.09	PROPOSED EXTERIOR ELEVATIONS
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A.11	ADA NOTES & DETAILS
A.12	ADA NOTES

BUILDING FOOTPRINT: 13665 SF
BUILDING FLOOR AREA: 13367 SF
LOT COVERAGE: 21357 SF X 80% = 17,085.6 SF MAX
LOT COVERAGE > 13367 + 190 = 13557 SF (E) + (N)

CANOPY AREAS:
 CULTIVATION ROOM #1- 1033.04 SF
 CULTIVATION ROOM #2- 1783.30 SF
 CULTIVATION ROOM #3- 1454.62 SF
 VEG ROOM #1- 71.25 SF
 VEG ROOM #2- 316.13 SF
4658.34 SF AGGREGATE CANOPY AREA

EXISTING PARKING: 10 SPACES
PROPOSED PARKING: 6715.51 SF @ 2/1000 = 13.43 SPACES REQUIRED (CULTIVATION ONLY)

8 STANDARD SPACES + 1 ACCESSIBLE AND VAN LOADING + 1 COMMERCIAL LOADING SPACE PROVIDED

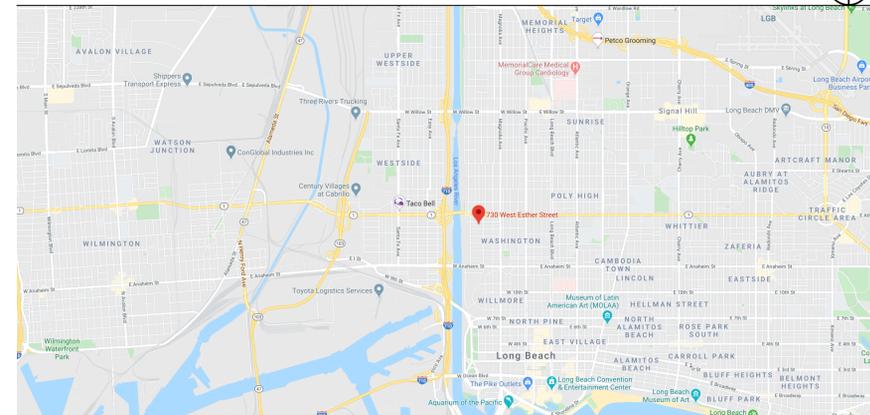
PLUMBING CALCULATIONS: 13367 SF / 200 = 66.8 **2 ALL GENDER RESTROOMS REQUIRED/ PROVIDED**

F-1 OCCUPANCY 1/100
 13367 SF / 100 = **136.67 TOTAL OCCUPANTS**

OCCUPANCY CALCULATIONS:

CULTIVATION ROOM #1-	1542.62 SF / 300 = 5.14 OCCUPANTS
CULTIVATION ROOM #2-	2335.75 SF / 300 = 7.78 OCCUPANTS
CULTIVATION ROOM #3-	1850.2 SF / 300 = 6.16 OCCUPANTS
MOTHER ROOM-	212.94 SF / 300 = .70 OCCUPANTS
NURSERY-	218.27 SF / 300 = .727 OCCUPANTS
MANUFACTURING-	337.55 SF / 100 = 3.37 OCCUPANTS
MANUFACTURING-	819.82 SF / 100 = 8.198 OCCUPANTS
MECHANICAL-	185.34 / 300 = .78 OCCUPANTS
VEG ROOM #1-	264.25 SF / 300 = .88 OCCUPANTS
VEG ROOM #2-	774 SF / 300 = 2.58 OCCUPANTS
TRIMMING-	402.62 SF / 100 = 4.02 OCCUPANTS
PROCESSING-	297.89 SF / 100 = 2.97 OCCUPANTS
DISTRIBUTION-	741.93 SF / 100 = 7.41 OCCUPANTS
WATER STORAGE-	158.12 SF / 300 = .527 OCCUPANTS
OFFICE-	152.15 SF / 100 = 1.52 OCCUPANTS
STORAGE-	52.83 SF / 300 = .17 OCCUPANTS
SECURE STORAGE-	190.08 SF / 300 = .6 OCCUPANTS
BREAKROOM-	295.09 SF / 100 = 2.95 OCCUPANTS
LOCKERS-	91.08 SF / 100 = .9 OCCUPANTS
RECEPTION-	72.77 SF / 100 = .72 OCCUPANTS
SECURITY-	83.86 SF / 100 = .83 OCCUPANTS
TOTAL OCCUPANTS	51.35 OCCUPANTS

VICINITY MAP



TEAM

ARCHITECT:
 ARMINDA DIAZ AIA
 310-995-1941
 ARMINDA@D3ARCHITECTURE.COM

STRUCTURAL:
 TOLGA YAPRAK
 310-999-8761
 TOLGA.YAPROAK@TY-ENG.COM

MEP:
 AC ENGINEERING
 (8 1 8) 7 1 3 1 2 9 2



730 W ESTHER ST

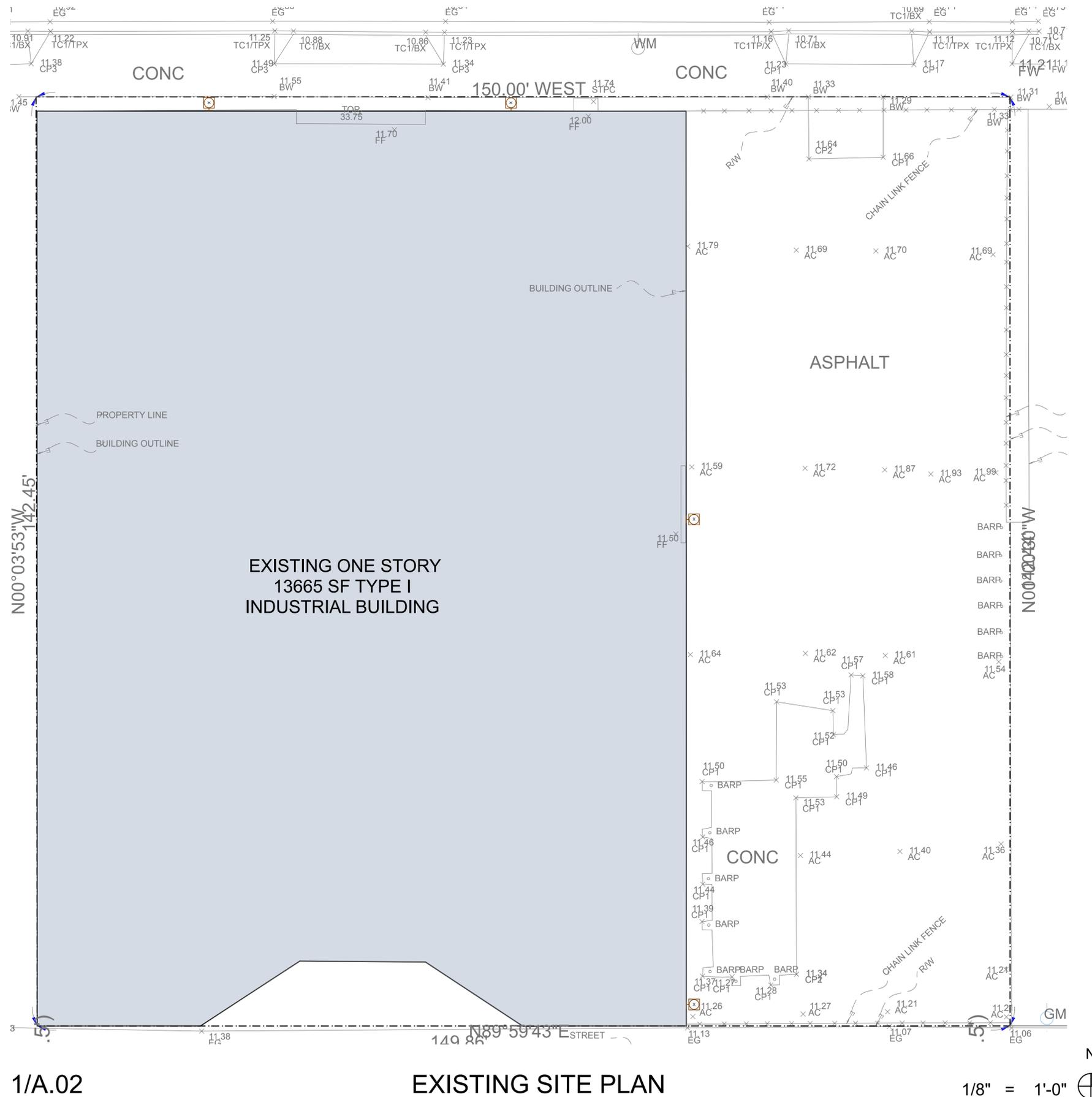
GREENVIEW EQUITIES LLC

TITLE SHEET/ PROPOSED SITE PLAN

Date: 9/28/20

A.01

Plotted On: 9/28/20



1/A.02

EXISTING SITE PLAN

1/8" = 1'-0"



730 W ESTHER ST

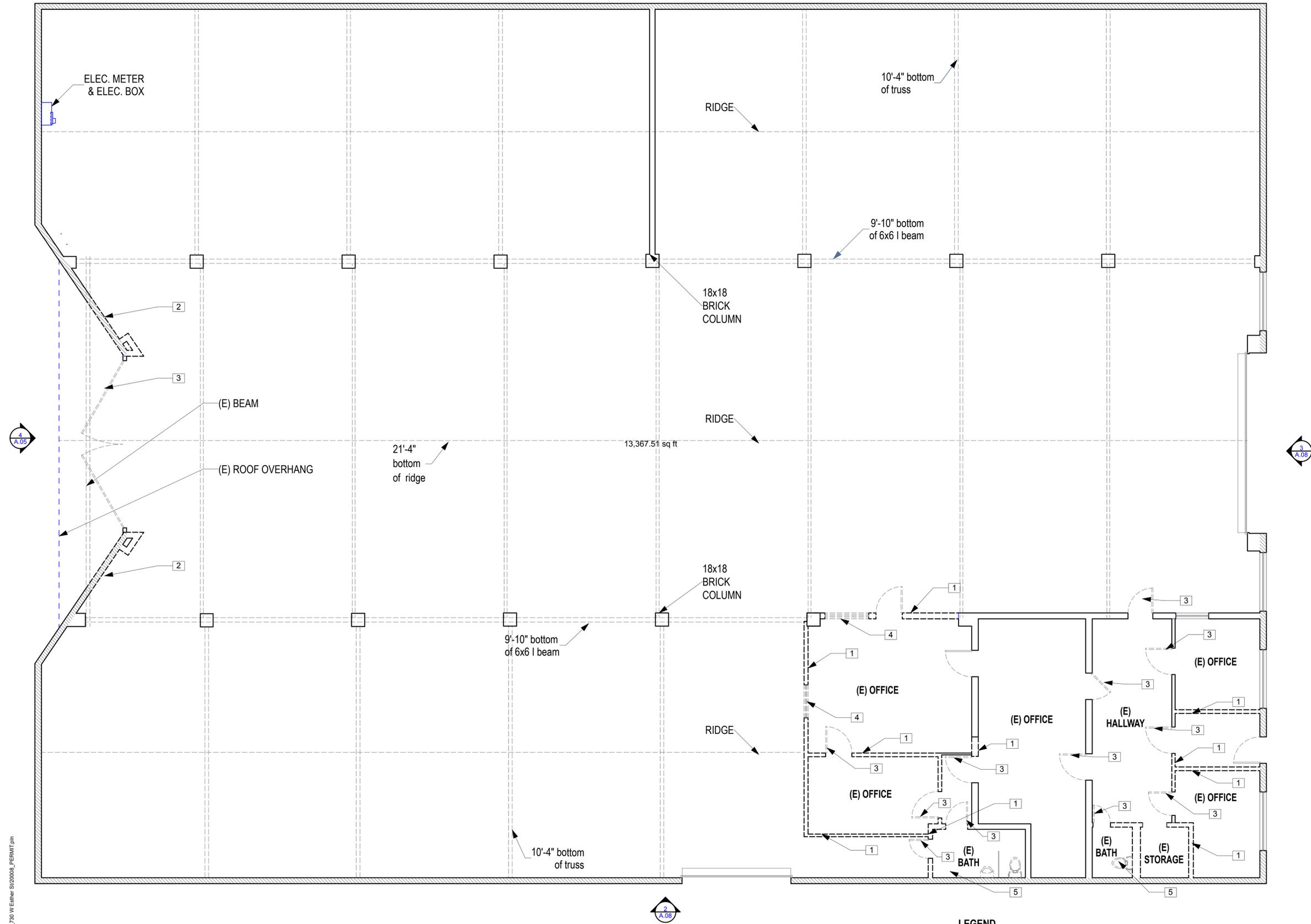
GREENVIEW EQUITIES LLC

Date: 8/12/20

A.02

Plotted On: 8/12/20

EXISTING SITE PLAN



J:\Users\mmdiaz\Desktop\Dropbox\2008_730 W Esther_S2008_PERMIT.pln

LEGEND

- 1 REMOVE (E) NON LOAD BEARING WALL
- 2 REMOVE (E) BEARING WALL
- 3 REMOVE (E) DOOR & FRAME
- 4 REMOVE (E) WINDOW & FRAME
- 5 REMOVE (E) PLUMBING FIXTURES
- 6 RELOCATE (E) ELECTRIC METERS



3/16" = 1'-0"



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730 W ESTHER ST

GREENVIEW EQUITIES LLC

Date: 8/12/20



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730 W ESTHER ST

GREENVIEW EQUITIES LLC

Date: 8/12/20

A.05

Plotted On: 8/12/20

EXISTING ROOF PLAN



1/A.05

EXISTING ROOF PLAN

⊕ N
3/16" = 1'-0"



730 W ESTHER ST

GREENVIEW EQUITIES LLC

Date: 8/12/20

A.06

Plotted On: 8/12/20

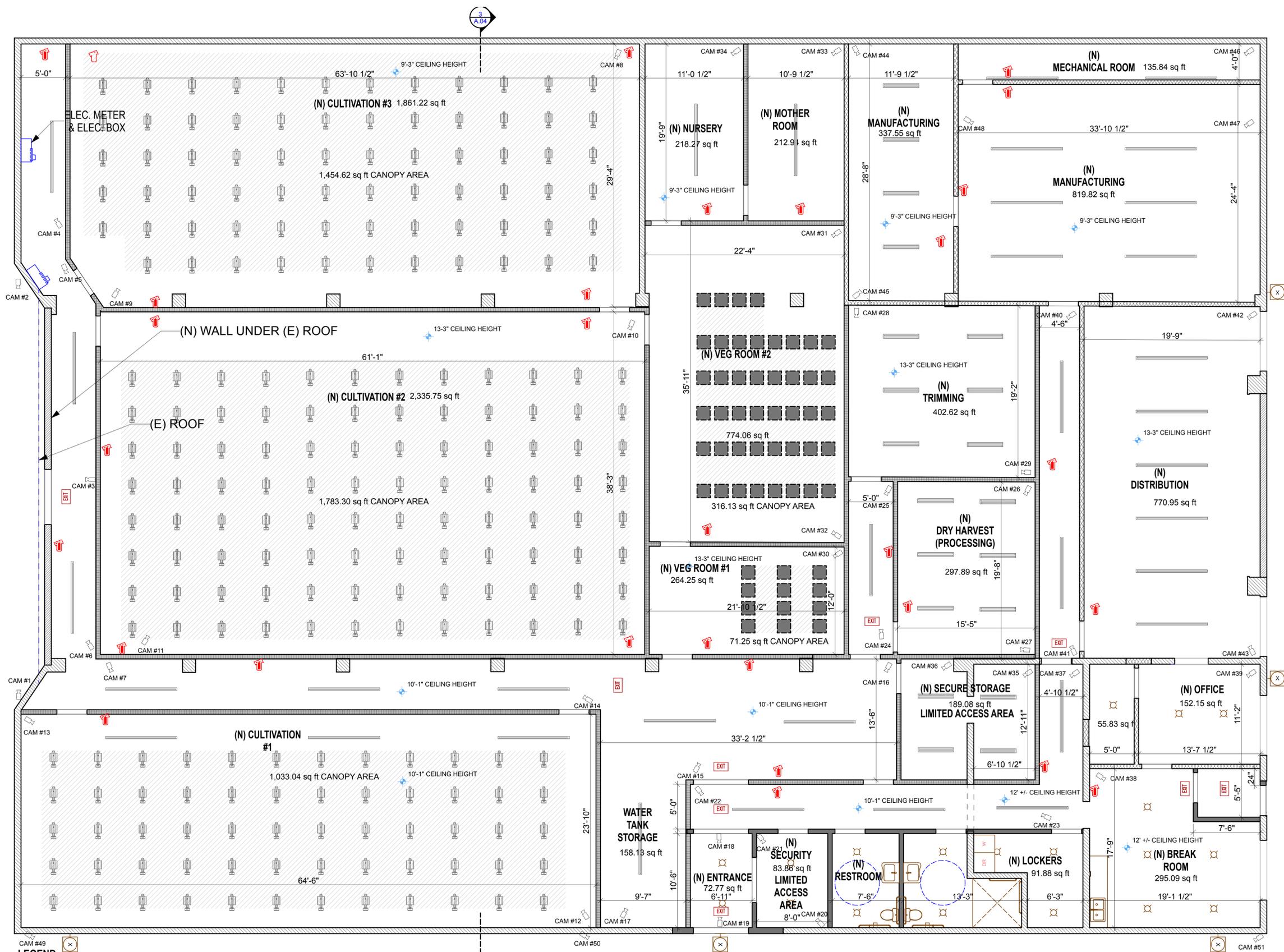
PROPOSED ROOF PLAN



1/A.06

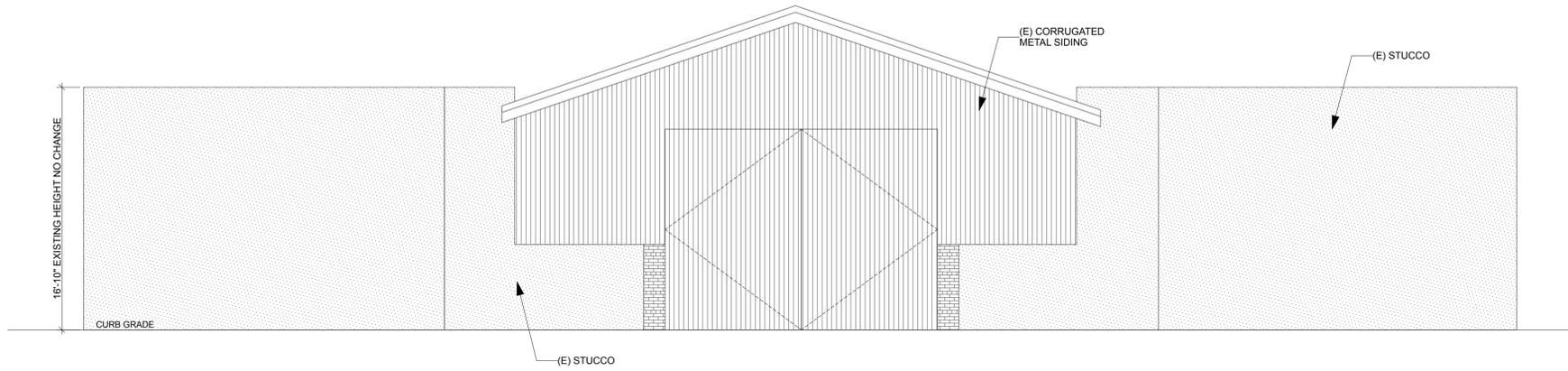
PROPOSED ROOF PLAN

⊕ N
3/16" = 1'-0"

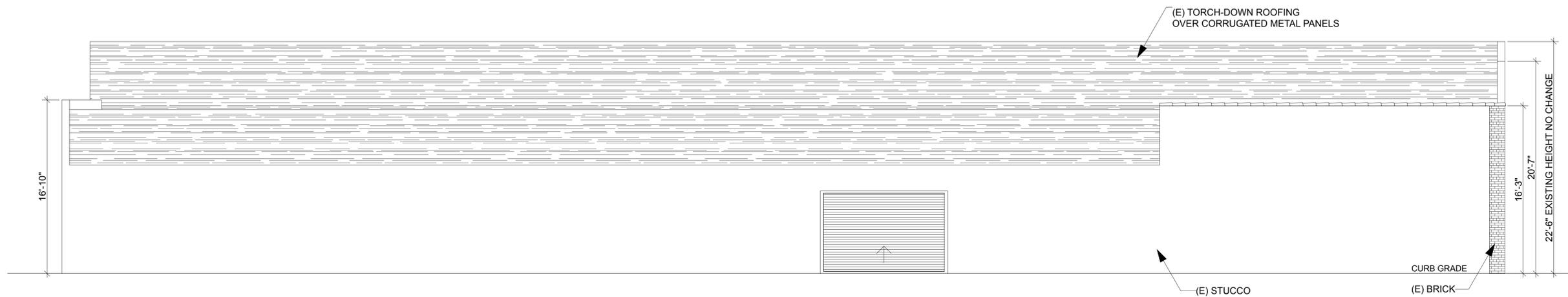


- LEGEND**
- FIRE EXTINGUISHER
 - 8' LONG LED TUBE FIXTURE
 - SECURITY CAMERA
 - 4' LONG LED TUBE FIXTURE
 - 1000 WATT LIGHT FIXTURE
 - ILLUMINATED EXIT SIGN
 - GLOW LIGHT
 - EXTERIOR LIGHT FIXTURE WALL MOUNTED

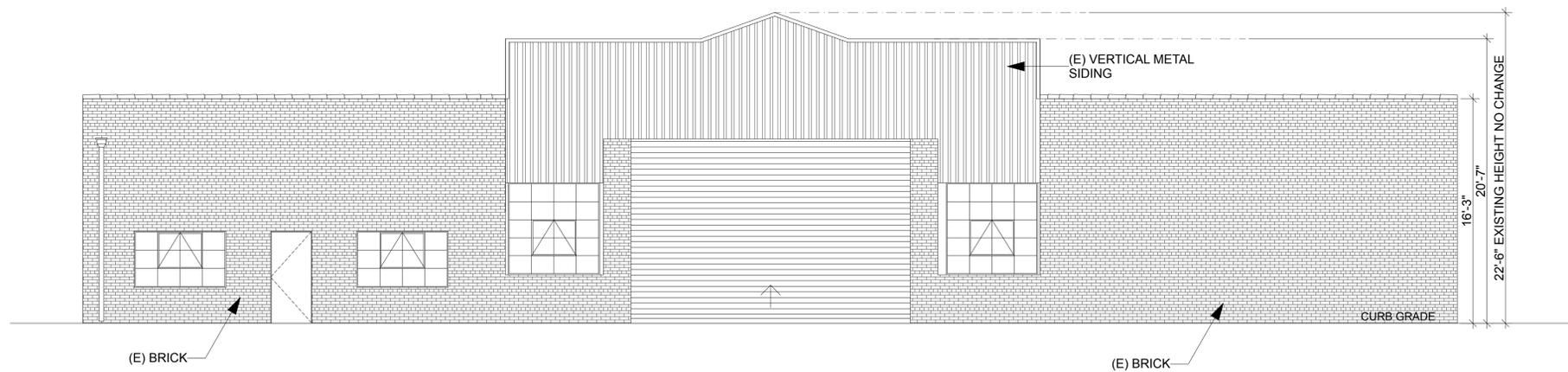
⊕ =
3/16" = 1'-0"



1/A.08 EXISTING SOUTH ELEVATION 3/16" = 1'-0"



2/A.08 EXISTING EAST ELEVATION 3/16" = 1'-0"



3/A.08 EXISTING NORTH ELEVATION 3/16" = 1'-0"



730 W ESTHER ST

GREENVIEW EQUITIES LLC

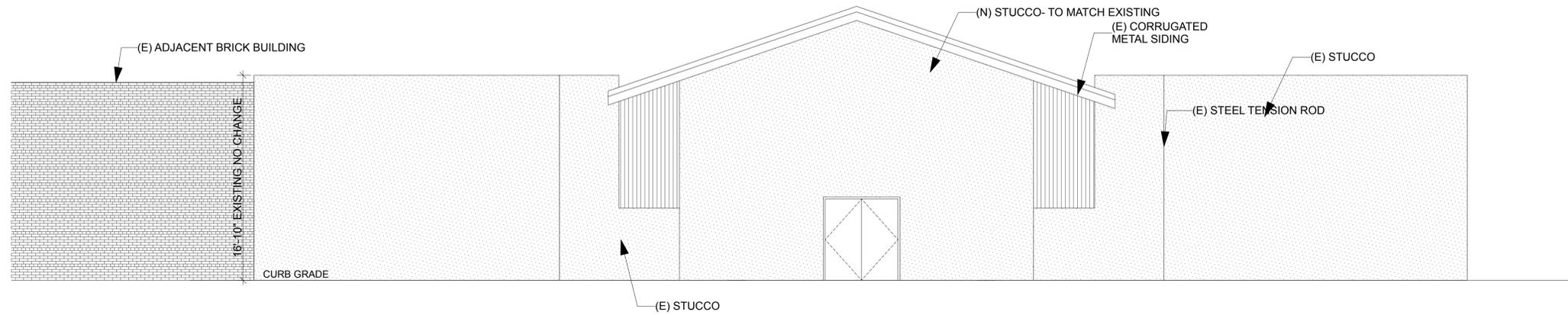
Date: 8/12/20

A.08

Plotted On: 8/12/20

EXISTING EXTERIOR ELEVATIONS

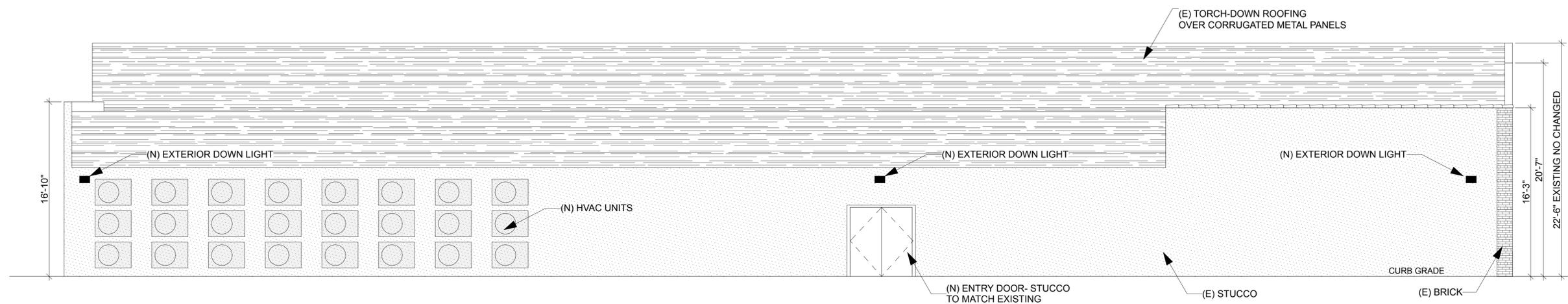
/Users/ramondiaz/Desktop/Drawings/2008_730 W Esther St/2008_PERMIT.pln



1/A.09

PROPOSED SOUTH ELEVATION

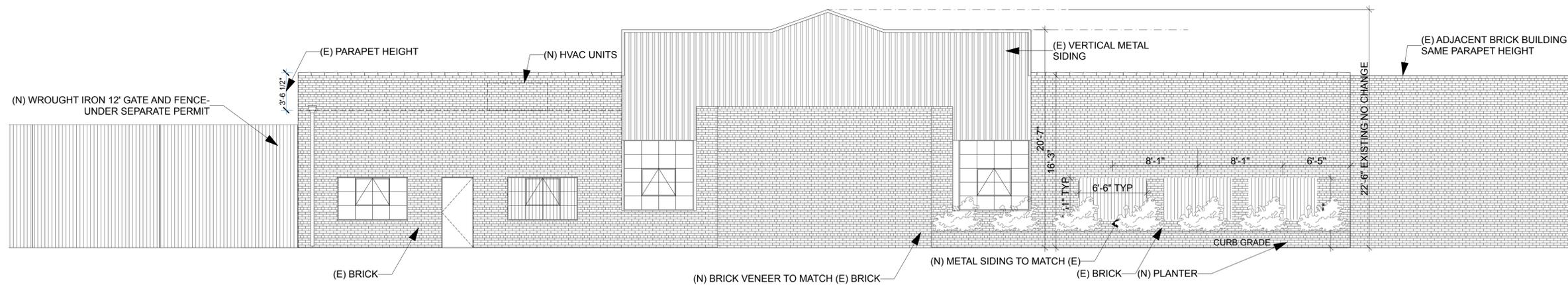
3/16" = 1'-0"



2/A.09

PROPOSED EAST ELEVATION

3/16" = 1'-0"



3/A.09

PROPOSED NORTH ELEVATION

3/16" = 1'-0"



730 W ESTHER ST

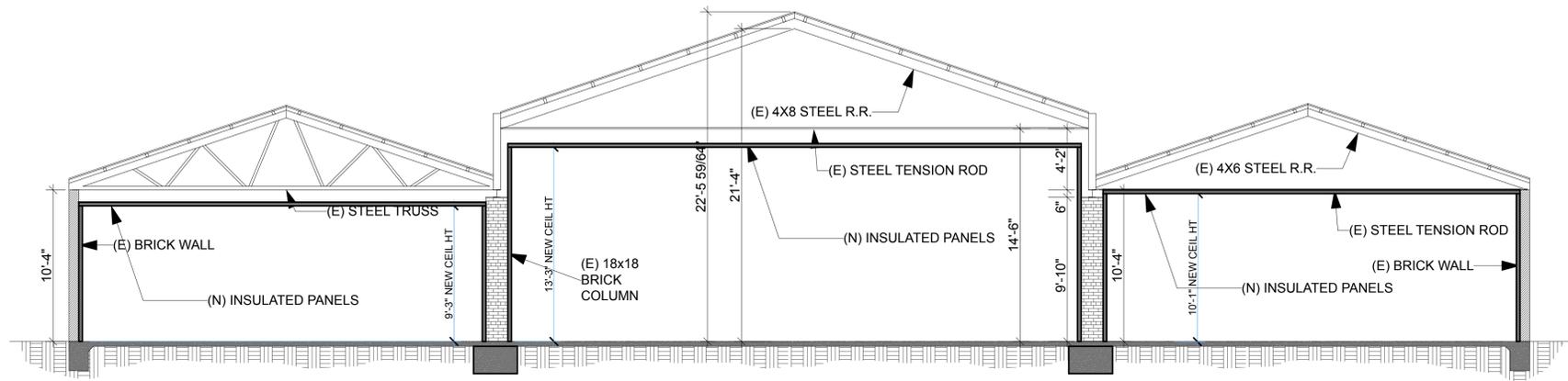
GREENVIEW EQUITIES LLC

Date: 9/28/20

A.09

Plotted On: 9/28/20

PROPOSED EXTERIOR ELEVATIONS



1/A.010

BUILDING SECTION

3/16" = 1'-0"

DOOR SCHEDULE

ID	ELEV.	SIZE		NOTES	#
		W	HT		
D2		3'-0"	6'-8"	INTERIOR METAL DOOR AND FRAME	25
D3		6'-0"	6'-8"	INTERIOR METAL DOOR AND FRAME	2
D4		6'-0"	6'-8"	EXTERIOR METAL SECURITY DOOR AND FRAME	2
D5		3'-0"	6'-8"	30 MIN RATED METAL DOOR AND FRAME	3



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730 W ESTHER ST

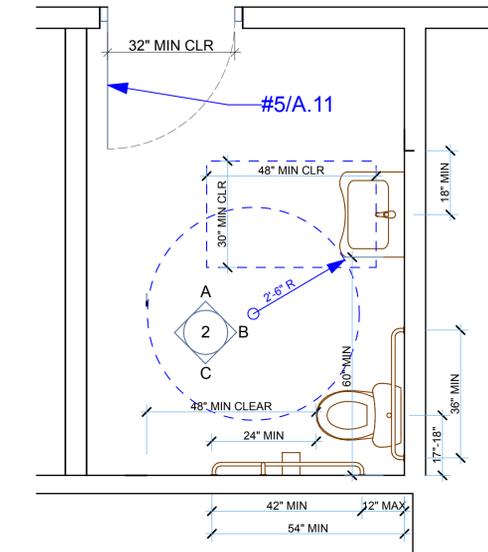
GREENVIEW EQUITIES LLC

PROPOSED BUILDING SECTIONS & SCHEDULES

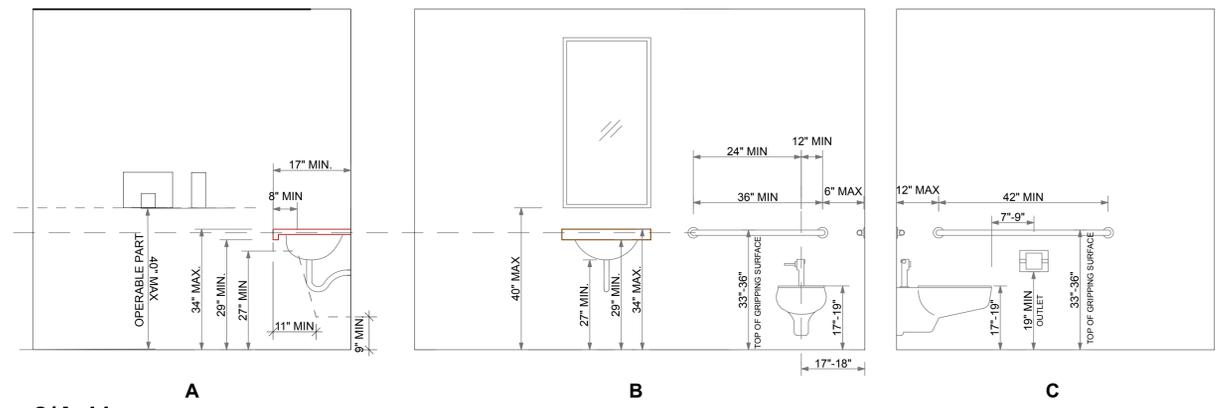
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A.010

Plotted On: 8/12/20

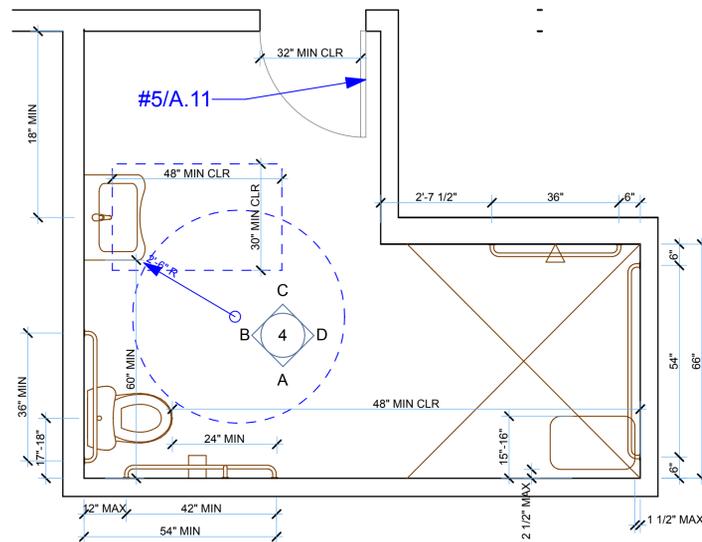
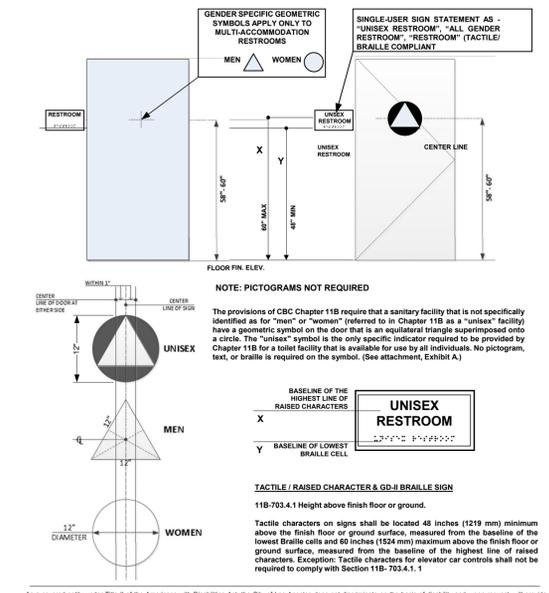


1/A.11 RESTROOM 1/2" = 1'-0"

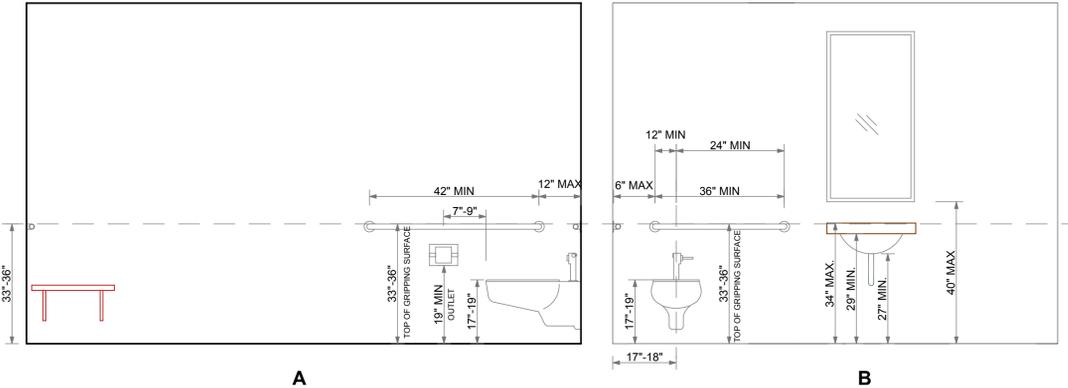


2/A.11 RESTROOM ELEVATIONS 1/2" = 1'-0"

TOILETS AND BATHING FACILITIES GEOMETRIC SYMBOLS

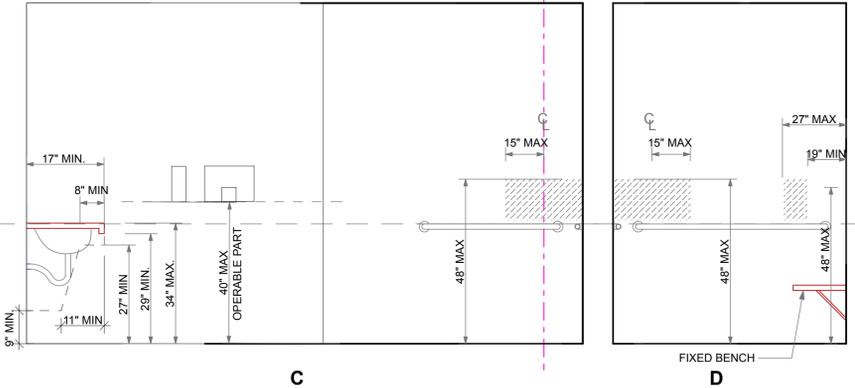


3/A.11 EMPLOYEE RESTROOM 1/2" = 1'-0"



4/A.11 RESTROOM ELEVATIONS 1/2" = 1'-0"

5/A.11 ALL GENDER SIGN



PASSENGER DROP-OFF AND LOADING ZONES

General. Passenger drop-off and loading zones shall comply with Section 11B-503. Vehicle pull-up space. Passenger drop-off and loading zones shall provide a vehicle pull-up space 66 inches wide minimum and 20 feet long minimum. Access aisle. Passenger drop-off and loading zones shall provide access aisles complying with Section 11B-503 adjacent and parallel to the vehicle pull-up space. Access aisles shall adjoin an accessible route and shall not overlap the vehicular way.

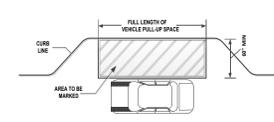


FIGURE 11B-503.3 PASSENGER DROP-OFF AND LOADING ZONE ACCESS AISLE

Width. Access aisles serving vehicle pull-up spaces shall be 60 inches wide minimum. Length. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Marking. Access aisles shall be marked with a painted borderline around their perimeter. The area within the borderlines shall be marked with hatched lines a maximum of 36 inches on center in a color contrasting with that of the side surface. Floor and ground surfaces. Vehicle pull-up spaces and access aisles serving them shall comply with Section 11B-502. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. Exception: Slopes not steeper than 1:48 shall be permitted. Vertical clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone and from the passenger loading zone to a vehicular exit shall provide a vertical clearance of 114 inches minimum. Identification. Each passenger loading zone designated for persons with disabilities shall be identified with a reflectorized sign complying with Section 11B-703.5. It shall be permanently posted immediately adjacent to, and visible from the passenger loading zone station. "Passenger Loading Zone Only" and including the International Symbol of Accessibility complying with Section 11B-703.7.2.1 in white on a dark blue background. Medical care and long-term care facilities. At least one passenger loading zone complying with Section 11B-503 shall be provided at an accessible entrance to licensed medical care and licensed long-term care facilities where the period of stay may exceed twenty-four hours.

Valet parking

General. Parking facilities that provide valet parking services shall provide at least one passenger loading zone complying with Section 11B-503. The parking requirements of Section 11B-205.1 apply to facilities with valet parking. Mechanical access parking garages. Mechanical access parking garages shall provide at least one passenger loading zone complying with Section 11B-503 at vehicle drop-off and vehicle pull-up areas.

PARKING SPACES

General. Car and van parking spaces shall comply with Section 11B-502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. Exception: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.

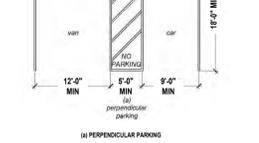


FIGURE 11B-502.2 VEHICLE PARKING SPACES

Width. Access aisles serving vehicle pull-up spaces shall be 60 inches wide minimum. Length. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Marking. Access aisles shall be marked with a painted borderline around their perimeter. The area within the borderlines shall be marked with hatched lines a maximum of 36 inches on center in a color contrasting with that of the side surface. Floor and ground surfaces. Vehicle pull-up spaces and access aisles serving them shall comply with Section 11B-502. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. Exception: Slopes not steeper than 1:48 shall be permitted. Vertical clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone and from the passenger loading zone to a vehicular exit shall provide a vertical clearance of 114 inches minimum. Identification. Each passenger loading zone designated for persons with disabilities shall be identified with a reflectorized sign complying with Section 11B-703.5. It shall be permanently posted immediately adjacent to, and visible from the passenger loading zone station. "Passenger Loading Zone Only" and including the International Symbol of Accessibility complying with Section 11B-703.7.2.1 in white on a dark blue background. Medical care and long-term care facilities. At least one passenger loading zone complying with Section 11B-503 shall be provided at an accessible entrance to licensed medical care and licensed long-term care facilities where the period of stay may exceed twenty-four hours.

Vehicle spaces

Car and van parking spaces shall be 216 inches (18 feet) long minimum. Car parking spaces shall be 108 inches (9 feet) wide minimum and van parking spaces shall be 144 inches (12 feet) wide minimum. The parking requirements of Section 11B-205.1 apply to facilities with valet parking. Exception: Van parking spaces shall be permitted to be 108 inches (9 feet) wide minimum where the access aisle is 96 inches (8 feet) wide minimum. Access aisle. Access aisles serving parking spaces shall comply with Section 11B-502.3. Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Width. Access aisles serving car and van parking spaces shall be 60 inches (5 feet) wide minimum. Length. Access aisles shall extend the full required length of the parking spaces they serve. Marking. Access aisles shall be marked with a blue painted borderline around their perimeter. The area within the blue borderlines shall be marked with hatched lines a maximum of 36 inches (3 feet) on center in a color contrasting with that of the aisle surface, preferably blue or white. The words "NO PARKING" shall be painted on the surface within each access aisle in white letters a minimum of 12 inches (1 foot) in height and located to be visible from the adjacent vehicular way. Access aisle markings may extend beyond the minimum required length. Location. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for van parking spaces, which shall have access aisles located on the passenger side of the parking spaces. Floor or ground surfaces. Parking spaces and access aisles serving them shall comply with Section 11B-502. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. Exception: Slopes not steeper than 1:48 shall be permitted. Vertical clearance. Parking spaces, access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2489 mm) minimum. Vertical clearance. Parking spaces, access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2489 mm) minimum. Exception: In existing multi-story parking facilities, car parking spaces, access aisles and vehicular routes serving them shall provide a vertical clearance of 80 inches (2032 mm) minimum. Existing vertical clearance in excess of 80 inches (2032 mm) and less than 98 inches (2489 mm) shall be maintained. This exception shall not apply to van parking spaces, access aisles, or vehicular routes serving them. Identification. Parking space identification signs shall include the International Symbol of Accessibility complying with Section 11B-703.7.2.1. Signs identifying van parking spaces shall contain additional language or an additional sign with the designation "van accessible." Exception: Signs located within an accessible route shall be a minimum of 80 inches (2032 mm) above the finish floor or ground surface measured to the bottom of the sign. Finish and size. Parking identification signs shall be reflectorized with a minimum area of 70 square inches. Minimum fine. Additional language or an additional sign below the International Symbol of Accessibility shall state "Minimum Fine \$250."

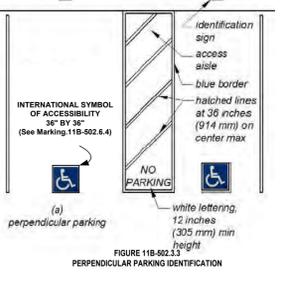


FIGURE 11B-502.3 PERPENDICULAR PARKING IDENTIFICATION

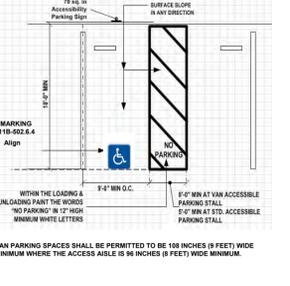


FIGURE 11B-502.3.3 ANGLED PARKING IDENTIFICATION

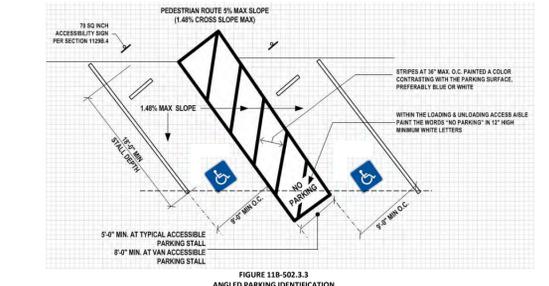


FIGURE 11B-502.3.3 ANGLED PARKING IDENTIFICATION

Location. A parking space identification sign shall be visible from each parking space. Signs shall be permanently posted either immediately adjacent to the parking space or within the projected parking space width at the head end of the parking space. Signs may also be permanently posted on a wall at the interior end of the parking space. Marking. Each accessible car and van space shall have surface identification complying with either Sections 11B-502.6.4.1 or 11B-502.6.4.2. The parking space shall be marked with an International Symbol of Accessibility complying with Section 11B-703.7.2.1 in white on a blue background and a minimum 36 inches wide by 36 inches high in white or a suitable contrasting color. The centerline of the International Symbol of Accessibility shall be a maximum of 6 inches from the centerline of the parking space. Its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space. The parking space shall be outlined or painted blue and shall be marked with an International Symbol of Accessibility complying with Section 11B-703.7.2.1 in white on a blue background and a minimum 36 inches wide by 36 inches high in white or a suitable contrasting color. The centerline of the International Symbol of Accessibility shall be a maximum of 6 inches from the centerline of the parking space. Its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space. Relationship to accessible routes. Parking spaces and access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes.

ACCESSIBLE PARKING SIGN INSTALLED AT EACH SPACE



FIGURE 11B-502.6.4.1 ACCESSIBLE PARKING SIGN

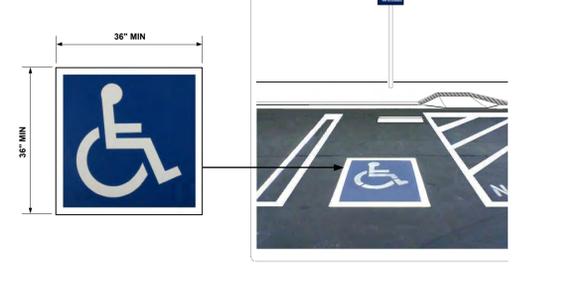


FIGURE 11B-502.6.4.2 ACCESSIBLE PARKING SIGN



730 W ESTHER ST
GREENVIEW EQUITIES LLC

Date: 8/12/20

A.11

Plotted On: 8/12/20

ADA NOTES & DETAILS

GENERAL NOTES FOR COMMERCIAL ACCESSIBILITY

NOTE: Code references are to the 2017 edition of the Los Angeles Building Code

The State of California delegates authority to the local jurisdiction to ensure compliance with Title 24, Part 2 of the California Code of Regulations. The following general notes indicate specific areas of Title 24, Part 2 which are applicable to your project. Please be aware that the owner(s) of the building and his/her consultants are responsible for compliance with the most current Federal Regulations contained in the Americans with Disabilities Act (ADA) and Fair Housing Act (FHA). Where the ADA & FHA requirements exceed those contained in Title 24, Part 2, it is the responsibility of the owners and their consultants to ensure compliance with the most current ADA & FHA regulations, as the City is not authorized to review plans or inspect projects for ADA & FHA compliance.

The following, applicable, general notes shall be provided on the plans.

A. APPLICATION AND ADMINISTRATION

1. Public accommodations shall maintain in operable working condition those features of facilities and equipment that are required to be accessible to and useable by persons with disabilities. Isolated or temporary interruptions in service or accessibility due to maintenance or repairs shall be permitted. **§11B-109**

B. BUILDING BLOCKS

FLOOR OR GROUND SURFACES

1. Floor and ground surfaces shall be stable, firm, and slip resistant. **§11B-308.2.1**
2. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cutout pile texture. Pile height shall be 1/4 inch maximum. **§11B-302.2, Figure 11B-302.2**

CHANGES IN LEVEL

3. Vertical changes in level for floor or ground surfaces may be 1/4 inch high maximum and without edge treatment. Changes in level greater than 1/4 inch and not exceeding 1/2 inch in height shall be beveled with a slope not steeper than 1:2. **§11B-303, Figures 11B-303.2 & 11B-303.3**
4. Changes in level greater than 1/2 inch in height shall be ramped and shall comply with the requirements of 11B-405 Ramps or 11B-406 Curb Ramps as applicable. **§11B-303**
5. Abrupt changes in level exceeding 4 inches in a vertical dimension between walks, sidewalks or other pedestrian ways and adjacent surfaces or features shall be identified by warning curbs at least 6 inches in height above the walk or sidewalk surface or by guards or handrails at least 2 inches minimum and 4 inches maximum above the surface of the walk or sidewalk. These requirements do not apply between a walk or sidewalk and an adjacent street or driveway. **§11B-303.5**

TURNING SPACE

6. Circular turning spaces shall be a space of 60 inches diameter minimum and may include knee and toe clearance complying with 11B-306 Knees and Toe Clearance. **§11B-304.2.1**
7. T-Shaped turning spaces shall be a T-shaped space within a 60 inch square minimum with arms and base 36 inches wide minimum. Each arm of the T shall be clear of obstructions 12 inches minimum in each direction and the base shall be clear of obstructions 24 inches minimum. **§11B-304.3.2, Figure 11B-304.3.2**

KNEE AND TOE CLEARANCE

For lavatories and built-in dining and work surfaces required to be accessible, toe clearance shall be provided that is 30 inches in width and 9 inches in height above the finish floor or ground for a depth of 19 inches minimum. **§11B-306.1**

CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS

49. Perpendicular ramp runs shall have a running slope not steeper than 1:12 (8.33%). **§11B-406.2.1**
50. For perpendicular ramps, where provided, curb ramp flares shall not be steeper than 1:10. **§11B-406.2, Figure 11B-406.2.2**
51. The running slope of the curb ramp segments shall be in the direction of sidewalk travel. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). **§11B-406.3.1, Figure 11B-406.3.2**
52. A turning space 48 inches minimum by 48 inches minimum shall be provided at the bottom of the curb ramp. The slope of the turning space in all directions shall be 1:48 maximum (2.083%). **§11B-406.3.1**
53. Blended transition ramps shall have a running slope not steeper than 1:20 (5%). **§11B-406.4.1**
54. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides. **§11B-406.5.1**
55. The clear width of curb ramps excluding any flared sides, blended transitions, and turning spaces shall be 48 inches minimum. **§11B-406.5.2**
56. Landings shall be provided at the tops of curb ramps and blended transitions (parallel curb ramps shall not be required to comply). The landing clear length shall be 48 inches minimum. The landing clear width shall be at least as wide as the curb ramp, excluding any flared sides, or the blended transition leading to the landing. The slope of the landing in all directions shall be 1:48 (2.083%). **§11B-406.5.3**
57. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush. **§11B-406.5.4**
58. The cross slope of curb ramps and blended transitions shall be 1:48 (2.083%) maximum. **§11B-406.5.7**
59. Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches of the curb ramp shall not be steeper than 1:20 (5%). The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level. **§11B-406.5.8**
60. The bottom of diagonal curb ramps shall have a clear space 48 inches minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches minimum clear space within the markings. **§11B-406.5.9**

61. Curb ramps and blended transitions shall have detectable warnings complying with 11B-705 Detectable Warnings. **§11B-406.5.12**
62. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. The clear width of the accessible route at islands shall be 60 inches wide minimum. Where curb ramps are provided, they shall comply with 11B-406 Curb Ramps, Blended Transitions and Islands. Landings complying with 11B-406.5.3 Landings and the accessible route shall be permitted to overlap. Islands shall have detectable warnings complying with 11B-705 Detectable Warnings and Detectable Directional Texture. **§11B-406.6, Figure 11B-406.6**

D. GENERAL SITE AND BUILDING ELEMENTS

1. Where parking spaces are provided, accessible parking spaces shall be provided in number and kind required per Section 11B-208 Parking Spaces. **§11B-208.1**
2. Where passenger loading zones, drop-off zones, and/or bus stops are provided, accessible passenger loading zones, drop-off zones, and/or bus stops are required.
3. Where Electric vehicle charging stations (EVCS) are provided, they shall comply with Section 11B-812 as required by Section 11B-225.3.
4. EVCS complying with Section 11B-812 that serve a particular building or facility shall be located on an accessible route to an entrance complying with Section 11B-206.4. Where EVCS do not serve a particular building or facility, EVCS complying with Section 11B-812 shall be located on an accessible route to an accessible pedestrian entrance of the EV charging facility.

9. Toe clearance shall extend 19 inches maximum under lavatories for toilet and bathing facilities and 25 inches maximum under other elements. **§11B-308.2.2**
10. At lavatories in toilet and bathing facilities, knee clearance shall be provided that is 30 inches in width for a depth of 11 inches at 9 inches above the finish floor or ground and for a depth of 8 inches at 27 inches above the finish floor or ground increasing to 29 inches high minimum above the finish floor or ground at the front edge of a counter with a built-in lavatory or at the front edge of a wall-mounted lavatory fixture. **§11B-308.3.3, Figure 11B-308.3**
11. At dining and work surfaces required to be accessible, knee clearance shall be provided that is 30 inches in width at 27 inches above the floor or ground for a depth of at least 19 inches. **§11B-309.3**

PROTRUDING OBJECTS

12. Except for handrails, objects with leading edges more than 27 inches and less than 80 inches above the finish floor or ground shall protrude no more than 4 inches horizontally into the circulation path. Handrails may protrude 4 1/2 inches maximum. **§11B-307.2, Figure 11B-307.2**
13. Freestanding objects mounted on posts or pylons shall overhang circulation paths no more than 12 inches when located from 27 to 80 inches above the finish floor or ground. **§11B-307.3, Figure 11B-307.3(a)**
14. Protruding objects shall not reduce the clear width required for accessible routes. **§11B-307.5**
15. Lowest edge of a sign or other obstruction, when mounted between posts or pylons separated with a clear distance greater than 12 inches, shall be less than 27 inches or more than 80 inches above the finish floor or ground. **§11B-307.3, Figure 11B-307.3(b)**
16. Vertical clearance shall be at least 80 inches high on circulation paths except at door closers and door stops, which may be 78 inches minimum above the finish floor or ground. **§11B-307.4**
17. Guardrails or other barriers with a leading edge located 27 inches maximum above the finish floor or ground shall be provided where the vertical clearance on circulation paths is less than 80 inches high. **§11B-307.4, Figure 11B-307.4**
18. Where a guy support is used within either the width of a circulation path or 24 inches maximum outside of a circulation path, a vertical guy brace, sidewalk guy or similar device shall be used to prevent a hazard or an overhead obstruction. **§11B-307.4.1, Figure 11B-307.4.1**

REACH RANGES

19. Electrical controls and switches intended to be used by the occupant of a room or area to control lighting and receptacle outlets, appliances or cooling, heating and ventilating equipment shall be located within and below the reach ranges. Low reach shall be measured to the bottom of the outlet box and high reach shall be measured to the top of the outlet box. **§11B-308.1.1**
20. Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall be located within allowable reach ranges. Low reach shall be measured to the bottom of the outlet box and high reach shall be measured to the top of the outlet box. **§11B-308.1.2**
21. High forward reach that is unobstructed shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. **§11B-308.2.1, Figure 11B-308.2.1**
22. High forward reach shall be 48 inches maximum where the reach depth is 20 inches or less and 44 inches maximum where the reach depth exceeds 20 inches. High forward reach shall not exceed 25 inches in depth. **§11B-308.2.2, Figure 11B-308.2.2**
23. High side reach shall be 48 inches maximum and the low side reach shall be 15 inches maximum above the finish floor where the side reach is unobstructed or the depth of any obstruction does not exceed 10 inches. **§11B-308.3.1, Figure 11B-308.3.1**
24. High side reach shall be 46 inches maximum above the finish floor or ground where the high side reach is over an obstruction more than 10 inches but not more than 24 inches in depth. **§11B-308.3.2, Figure 11B-308.3.2**

25. Obstructions for high side reach shall not exceed 34 inches in height and 24 inches in depth. **§11B-308.3.2, Figure 11B-308.3.2**

E. PLUMBING FIXTURES AND FACILITIES

DRINKING FOUNTAINS

1. Drinking fountains shall comply with Sections 11B-307 Protruding Objects and 11B-602 General Requirements. **§11B-602.1**
2. Units shall have a clear floor or ground space complying with Section 11B-305 Clear Floor or Ground Space positioned for a forward approach and centered on the unit. **§11B-406.3.1**
3. 11B-306 Knees and Toe Clearance shall be provided. **§11B-602.2**
4. Spout outlets shall be 36 inches maximum above the finish floor or ground. **§11B-602.4**
5. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front face of the unit, including bumpers. **§11B-602.5**
6. The spout shall provide a flow of water 4 inches high minimum and shall be located 5 inches maximum from the front face of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. **§11B-602.6**
7. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. **§11B-602.7**
8. Wall and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. **§11B-602.8**
9. All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within such a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply with Section 11B-305.7 Maneuvering Clearance. When used, wing walls or barriers shall protect horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface. **§11B-602.9**

TOILET AND BATHING ROOM CLEARANCES

9. Doors to unisex toilet rooms and unisex bathing rooms shall have privacy latches. **§11B-213.2.1**
10. Mirrors located above the lavatories or countertops shall be installed within the bottom edge of the reflecting surface 40 inches maximum above the finish floor or ground. Mirrors not located above the lavatories or countertops shall be installed within the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. **§11B-603.3**
11. Coat hooks shall be located within one of the reach ranges specified in Section 11B-308. Shelves shall be located 40 inches minimum and 48 inches maximum above the finish floor. Medicine cabinets shall be located with a usable shelf no higher than 44 inches maximum above the finish floor. **§11B-603.4**
12. Where towel or sanitary napkin dispensers, waste receptacles, or other accessories are provided in toilet facilities, at least one of each type shall be located on an accessible route. All operable parts, including coin slots, shall be 40 inches maximum above the finish floor. Baby changing stations are not required to comply with Section 11B-603.5 (See exception) **§11B-603.5**

WATER CLOSETS AND TOILET COMPARTMENTS

13. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with Section 11B-309.4 Operation except they shall be located 44 inches maximum above the floor. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with Section 11B-604.8.2 Ambulatory Accessible Compartments. **§11B-604.6**
14. Toilet paper dispensers shall comply with Section 11B-309.4 Operation and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar, 19 inches minimum above the finish floor and shall not be located behind the grab bars. Dispensers shall not be of a type that control delivery or that does not allow continuous paper flow. **§11B-604.7**
15. Sanitary napkin disposal units, if provided, shall comply with Section 11B-309.4 and shall be wall mounted and located on the opposite wall from the rear wall of the toilet and the toilet paper dispenser, adjacent to the

26. Obstructed high side reach for the top of washing machines and clothes dryers shall be permitted to be 36 inches maximum above the finish floor. **§11B-308.2.2**
 27. Obstructed high side reach for the operable parts of fuel dispensers shall be permitted to be 54 inches above the finish floor from the surface of the vehicular way where fuel dispensers are installed on existing curbs. **§11B-308.3.2**
- ### OPERABLE PARTS
28. Operable parts shall operate with one hand and shall not require tight grasping, pinching, or twisting of the wrist. Force required to activate operable parts shall be 5 pounds maximum. **§11B-309.4**
- ### C. ACCESSIBLE ROUTES
- #### DETECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE
1. Detectable warning surfaces shall be yellow and approximate FS 3358 of Federal Standard 595C. **§11B-705.1.1.3.1**
 2. Detectable warning surfaces shall provide a 70 percent minimum visual contrast with adjacent walking surfaces. Contrast in percent shall be determined by:
Contrast percent = [(B1-B2)/B1] x 100 where
B1 = light reflectance value (LRV) of the lighter area and
B2 = light reflectance value (LRV) of the darker area
§11B-705.1.1.3.2 (See exception)
- #### DOORS, DOORWAYS, AND GATES
3. Doors, doorways, and gates providing user passage shall be provided in accordance with 11B-206.5 Doors, Doorways, and Gates. **§11B-206.5**
 4. Doors, doorways and gates that are part of an accessible route shall comply with 11B-404 Doors, Doorways, and Gates. **§11B-404.1**
 5. Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches deep shall provide a clear opening of 36 inches minimum. There shall be no allowable reach ranges. Low reach shall be measured to the bottom of the outlet box and high reach shall be measured to the top of the outlet box. **§11B-404.2.3**
 6. Swinging doors and gates shall have maneuvering clearances complying with Table 11B-404.2.4.1. **§11B-404.2.4.1**
 7. Doorways less than 36 inches wide without doors or gates, sliding doors, or folding doors shall have maneuvering clearances complying with Table 11B-404.2.4.2. **§11B-404.2.4.2**
 8. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches of the latch side an interior doorway, or within 24 inches of the latch side of an exterior doorway, projects more than 8 inches beyond the face of the door, measured perpendicular to the face of the door or gate. **§11B-404.2.4.3**
 9. Thresholds, if provided at doorways, shall be 1/2 inch high maximum. Raised thresholds and changes in level at doorways shall comply with 11B-302 Floor or Ground Surfaces and 11B-303 Changes in Level. **§11B-404.2.5**
 10. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 11B-309.4 Operation. Operable parts of such hardware shall be 34 inches minimum and 44 inches maximum above the finish floor or ground. Where sliding doors are in the fully open operation, operating hardware shall be exposed and usable from both sides. **§11B-404.2.7**
 11. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: **§11B-404.2.9**
 - a. Interior hinged doors and gates: 5 pounds maximum.
 - b. Sliding or folding doors: 5 pounds maximum.

toilet paper dispenser. The disposal unit shall be located below the grab bar with the opening of the disposal unit 19 inches minimum (483 mm) above the finish floor. **§11B-604.7.2**

16. Urinals shall be the stall type or the wall-hung type with the rim 17 inches maximum above the finish floor or ground. Urinals shall be 132 inches deep minimum measured from the outer face of the urinal rim to the back of the fixture. **§11B-605.2**
17. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with Section 11B-309 Operable Parts except that the flush control shall be mounted at a maximum height of 44 inches above the finish floor. **§11B-605.4**
18. For lavatories and sinks, a clear floor space complying with Section 11B-305 Clear Floor or Ground Surfaces, positioned for a forward approach, and knee and toe clearance complying with Section 11B-306 Knees and Toe Clearance shall be provided. **§11B-606.2**
19. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches maximum above the finish floor or ground. **§11B-606.3**

SIGNS RELATED TO TOILETS AND BATHING FACILITIES

20. Entrances leading to toilet rooms and bathing rooms complying with 11B-603 Toilet and Bathing Rooms shall be identified by a geometric symbol complying with 11B-703.2.6 Toilet and Bathing Room Geometric Symbols. Where existing toilet rooms or bathing rooms do not comply with 11B-603 Toilet and Bathing Rooms, directional signs indicating the location of the nearest compliant toilet room or bathing room within the facility shall be provided. Signs shall comply with 11B-703.5 Visual Characters and shall include the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA. Where existing toilet rooms or bathing rooms do not comply with 11B-603 Toilet and Bathing Rooms, the toilet rooms or bathing rooms complying with 11B-603 Toilet and Bathing Rooms shall be identified by the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA. Where clustered single user toilet rooms or bathing facilities are permitted to use exceptions to 11B-213.2 Toilet and Bathing Rooms, toilet rooms or bathing facilities complying with 11B-603 Toilet and Bathing Rooms shall be identified by the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA unless all toilet rooms and bathing facilities comply with 11B-603 Toilet and Bathing Rooms. Existing buildings that have been remodelled to provide specific toilet rooms or bathing rooms for public use that comply with these building standards shall have the location of the directions to these rooms posted in or near the building lobby or entrance on a sign complying with 11B-703.5 Visual Characters, including the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA. **§11B-216.8**

21. Pictograms shall comply with the following:

- a. Pictograms shall have a field height of 6 inches minimum. Characters and Braille shall not be located in the pictogram field. **§11B-703.6.1**
- b. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field. **§11B-703.6.2**
- c. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 11B-703.6.3 Raised Characters, 11B-703.3 Braille and 11B-703.4 Installation Height and Location. **§11B-703.6.3**
- d. The installation height and location of Pictogram signs shall be per **§11B-703.4.1**.

22. Symbols shall comply with the following:

- a. Doorways leading to toilet rooms and bathing rooms shall be identified by a geometric symbol complying with 11B-703.7.2.6 Toilet and Bathing Facilities Geometric Symbols. The symbol shall be mounted at 58 inches minimum and 60 inches maximum above the finish floor or ground surface measured from the centerline of the symbol. Where a door is provided, the symbol shall be mounted within 1 inch of the vertical centerline of the door. **§11B-703.7.2.6 (See exception)**
- b. A triangle symbol shall be located at entrances to men's toilet and bathing facilities and it shall be identified by an equilateral triangle, 1/2 inch thick with edges 12 inches long and a vertex pointing upward. The triangle symbol shall contrast with the door, either light on a dark background or dark on a light background. **§11B-703.7.2.6.1**

- c. Required fire doors; the minimum opening force allowable by the appropriate administrative authority, not to exceed 15 pounds.
- d. Exterior hinged doors: 5 pounds maximum.

RAMPS

13. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). **§11B-405.2**
14. Cross slope of ramp runs shall not be steeper than 1:48 (2.083%). **§11B-405.3**
15. Floor or ground surfaces of ramp runs shall comply with 11B-302 Floor or Ground Surfaces. Changes in level other than the running slope and cross slope are not permitted on ramp runs. **§11B-405.4**
16. The clear width of a ramp run shall be 48 inches minimum. **§11B-405.5**
17. The rise for any ramp run shall be 30 inches maximum. **§11B-405.6**
18. Ramps shall have landings at the top and the bottom of each ramp run. **§11B-405.7**
19. Landings shall comply with 11B-302 Floor or Ground Surfaces. Changes in level are not permitted. **§11B-405.7.1**
20. The landing clear width shall be at least as wide as the widest ramp run leading to the landing. **§11B-405.7.2**
21. Top landings shall be 60 inches wide minimum. **§11B-405.7.2.1**
22. The landing clear length shall be 60 inches long minimum. **§11B-405.7.3**

23. Bottom landings shall extend 72 inches minimum in the direction of ramp run. **§11B-405.7.3.1**
24. Ramps that change direction between runs at landings shall have a clear landing 60 inches minimum by 72 inches minimum in the direction of downward travel from the upper ramp run. **§11B-405.7.4**

25. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 11B-404.2.4 and 11B-404.3.2 shall be permitted to overlap the required landing area. Doors, when fully open, shall not reduce the required ramp landing width by more than 2 inches. Doors, in any position, shall not reduce the minimum dimension of the ramp landing to less than 42 inches. **§11B-405.7.5**
26. Ramp runs shall have compliant handrails per 11B-505 Handrails. **§11B-405.8**
27. Edge protection complying with 11B-405.8.2 Curb or Barrier shall be provided on each side of ramp runs and at each side of ramp landings. **§11B-405.9 (See exceptions)**
28. A curb, 2 inches high minimum, or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. To prevent wheel entrapment, the curb or barrier shall provide a continuous and uninterrupted barrier along the length of the ramp. **§11B-405.9.2**
29. Landings subject to wet conditions shall be designed to prevent the accumulation of water. **§11B-405.10**

HANDRAILS

30. Thresholds, if provided at doorways, shall be 1/2 inch high maximum. Raised thresholds and changes in level at doorways shall comply with 11B-302 Floor or Ground Surfaces and 11B-303 Changes in Level. **§11B-404.2.5**
31. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. **§11B-505.3**
32. Top of gripping surfaces of handrails shall be 34 inches minimum and 38 inches maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. **§11B-505.4**
33. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches minimum. Handrails may be located in a recess if the recess is 3 inches maximum deep and 18 inches minimum clear above the top of the handrail. **§11B-505.5**

WASHING MACHINE AND CLOTHES DRYERS

23. Washing machines and clothes dryer's operable parts must comply with Section 11B-309 Operable Parts. **§11B-611.3**
24. Top loading machines shall have the door to the laundry compartment located 36 inches maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15 inches minimum and 36 inches maximum above the finish floor. **§11B-611.4**

F. COMMUNICATION ELEMENTS AND FEATURES

FIRE ALARM SYSTEMS

1. Where fire alarm systems and carbon monoxide alarm systems provide audible alarm coverage, alarms shall comply with 11B-215 Fire Alarm Systems. **§11B-215.1 (See exception)**
2. Alarms in public use areas and common use areas shall comply with 702 Chapter 9, Section 907.5.2.3.1. **§11B-215.2**
3. Where employee work areas have audible alarm coverage, the wiring system shall be designed so that visible alarms complying with 702 Chapter 9, Section 907.5.2.3.2 can be integrated into the alarm system. **§11B-215.3**
4. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition), and Chapter 9, Sections 907.5.2.1 and 907.5.2.3. **§11B-702.1**

ASSISTIVE LISTENING SYSTEMS

5. Assistive listening systems shall be provided in assembly areas, including conference and meeting rooms, used for the purpose of entertainment, educational or civic gatherings, or similar purposes. **§202, §11B-219.2**
Note: Assembly areas include, but are not limited to, classrooms, lecture halls, courtrooms, public meeting rooms, public hearing rooms, legislative chambers, motion picture houses, auditoria, theaters, public meetings, dinner theaters, concert halls, centers for the performing arts, amphitheaters, arenas, stadiums, grandstands, or convention centers. **§202, §11B-219.2**
6. Assistive listening system shall provide an amplification system utilizing transmitters, receivers, and coupling devices to bypass the acoustical space between a sound source and a listener by means of induction loop, radio frequency, infrared, or direct-wired equipment. **§202**
7. Where a building contains more than one assembly area under one management, the total number of required receivers may be calculated using the total number of seats in the assembly areas provided that all receivers are usable with all systems. **§11B-219.3 (See exception)**
8. Twenty-five percent minimum of receivers provided for assistive listening systems, but no fewer than two, shall be hearing-aid compatible except when all seats in an assembly area are served by means of an induction loop. **§11B-219.3**

34. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1/2 inches minimum below the bottom of the handrail-gripping surface. **§11B-505.6**
35. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches minimum and 2 inches maximum. **§11B-505.7.1**
36. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6 1/4 inches maximum, and a cross-section dimension of 2 1/2 inches maximum. **§11B-505.7.2**
37. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs in accordance with Section 11B-505.10 Handrail Extensions. **§11B-505.10**
38. Ramp handrails shall extend horizontally above the landing for 12 inches minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. **§11B-505.10.1**
39. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. **§11B-505.10.2**
40. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the last riser nosing. The horizontal extension of a handrail shall be 12 inches long minimum and a height equal to that of the sloping portion of the handrail as measured above the stair nosings. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. **§11B-505.10.3**

STAIRWAYS

41. A stair is defined as a change in elevation, consisting of one or more risers. **§11B-202**
42. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Riser shall be 4 inches high minimum and 7 inches high maximum. Treads shall be 11 inches deep minimum. Curved stairways with winder treads are permitted at stairs which are not part of a required means of egress. (See exception) **§11B-504.2**
43. Open risers are not permitted. **§11B-504.3 (See exceptions)**
44. Interior stairs shall have the upper approach and lower tread marked by a stripe providing clear visual contrast. Exterior stairs shall have the underside of the leading edge curved or beveled. Riser shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1/4 inch maximum over the tread below. **§11B-504.4**
45. The radius of curvature at the leading edge of the tread shall be 1/2 inch maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Riser shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1/4 inch



G Base Manufacturing, Inc

City of Long Beach Adult-Use Marijuana Manufacturing Operations Plan

G Base Manufacturing, Inc.
Site Address: 728 West Esther Street,
Long Beach, CA 90813
APN/Parcel ID: 7271016005, 7271016004

GENERAL DESCRIPTION OF SERVICES

The operations of G Base Manufacturing, Inc. ("G Base Manufacturing") manufacturing facility will operate in accordance with all City of Long Beach regulations, State law, and regulating agencies governing commercial Adult-Use Cannabis Businesses in the State of California. As a commercial manufacturing facility, G Base Manufacturing will operate in accordance with, and obtain permits as applicable from such regulating agencies including, but not limited to, the California Department of Public Health, the Attorney General, and the State Department of Tax and Fee Administration. G Base Manufacturing will provide copies of all applicable permits, licenses, approvals or certificates to the Long Beach City Manager upon request as evidence of compliance.

COMPANY OBJECTIVES

G Base Manufacturing will be a prominent operation that combines strategic know-how with years of qualified experience in the recreational marijuana industry to create a self-sustaining operation that is set up for long-term success in Long Beach, while complying with the Long Beach municipal code, state law, and all other relevant regulations. The manufacturing of cannabis will take place exclusively indoors, sealed off from public view and unauthorized access with a valid Adult-Use Cannabis Business Permit issued by the City of Long Beach and a Type 6 Manufacturing License issued by the State of California Department of Public Health.

MAY BE DELAYED UP TO TWO HOURS. CANNABIS USE WHILE PREGNANT OR BREASTFEEDING MAY BE HARMFUL. CONSUMPTION OF CANNABIS PRODUCTS IMPAIRS YOUR ABILITY TO DRIVE AND OPERATE MACHINERY. PLEASE USE EXTREME CAUTION.

Labeling of Cannabis Vaporizing Cartridges:

In accordance with Assembly Bill 1529, G Base Manufacturing will comply with all labeling requirements for cannabis vaporizing cartridges and products. Cannabis vaporizing cartridges will bear the universal symbol (shown below) not smaller than ¼ inch wide by ¼ inch high and will either be engraved, affixed with a sticker or printed in black and white ink.

PROPOSED DAY TO DAY OPERATIONS OF THE FACILITY

- All manufacturing operations will take place in the designated Manufacturing Area of G Base Manufacturing facility.
- We will start with equipment inspection, any required maintenance, and sanitation of contact and work areas.
- Extraction material consisting of small flowers, and trimmings produced by cultivation will be stored in a secured locker on site in approximate quantities of 5448 7264 grams/week.
- Daily material allotments will be checked out and measured for processing.
- Once the material is verified, and logged, it will be carefully loaded into the sift tumbler (The Original Resonator XL) by hand.
- Inside the sift tumbler, during operation, a mechanical separation will occur between the resinous glandular trichomes that contain the essential oil compounds (cannabinoids/terpenes) that have therapeutic and economic value and the plant material.
- The resulting high purity dry sift will then be pressed under high pressure, low temperature plates (Sasquatch 2.5 XL).
- The high purity extract that will be squeezed out will undergo inspection, sorting for quality level, sampling for analytical testing, packaging into 1 gram and 5-gram containers, and labelled with quantity, strain information and branding for retail and wholesale.
- Post extracted material will be disposed of in accordance with all local and state direction.
- No volatile solvents, heavy equipment or hazardous materials will be used in this process.
- Proper training, care and safety protocols will be in place to protect operators, though little risk is assessed in the manufacturing of these products given the simplistic and relatively hazard-free nature of these facility operations.

EXTRACTION METHODS

G Base Manufacturing will be utilizing two mechanical (non-volatile) extraction methods:

- Closed Loop Ethanol Extraction – Non Volatile
- Ethanol

Our vision is to have a state of the art, fully compliant manufacturing facility, achieving this by using the most modern technology and machinery available. Compliance is central to our business plan, and we will comply with all rules and regulations promulgated by the City of Long Beach and the State of California. We will manufacture our products through a fully licensed supply chain, as required by California MAURCSA. All products undergo regulatory testing and the required third-party cannabis testing before reaching consumers. G Base Manufacturing will efficiently identify and meet the existing demand for high-quality cannabis products in Long Beach. We will utilize its own distribution license to wholesale directly to licensed dispensaries and retailers. G Base Manufacturing intends to ensure the manufacture of only the highest quality products available to consumers of the marijuana dispensaries it serves, which will mean that coordination with proper testing and quality control will be of utmost importance to our operation. G Base Manufacturing hopes to run a self-sufficient operation while also maintaining partnerships with other cannabis businesses and licensed testing facilities. We will only repack or relabel products if they are deemed damaged, spoiled or tampered with in accordance with our quality assurance protocol.

CANNABIS PRODUCTS AND SERVICES

G Base Manufacturing will manufacture, at a minimum, the following product offerings:

- CARTRIDGES
- SHATTER
- CANNABIS OIL
- RESIN
- WAX.

STANDARD OPERATING PROCEDURES

A copy of G Base Manufacturing Standard Operating Procedures is available upon request. The procedures below outline how G Base Manufacturing Employees will consistently manufacture premium, grade cannabis products.

MANUFACTURING OVERVIEW

The details of our manufacturing procedures may evolve as we move forward, but we initially plan to employ the extraction procedures described below for manufacturing cannabis. The Master Extractor will be responsible for all manufacturing procedures.

Master Extractor: A Master Extractor will be employed to manage all of G Base Manufacturing's cannabis production. The Master Extractor's primary job will be to safely and effectively convert cannabis materials into high quality products, including oils, concentrates and other extracts. The Master Extractor will operate to the highest standards of professionalism. Job responsibilities will include:

- Management and oversight of all extraction, extract processing, product formulation,

Filling and manufacturing procedures in an efficient manner that also complies with Long Beach and California state regulations, OSHA regulations and G Base Manufacturing SOPs.

- Expertise in non-volatile extraction methods as well as the purification, separation and isolation of various compounds of cannabis
- Design and update the G Base Manufacturing product line in conjunction with other business functions as it relates to extractable material.
- Oversee packaging and labeling of finished products, ensuring compliance with Long Beach and California state regulations.
- Ensure compliance and accuracy involving all product tracking, product security, and product movement procedures.
- Follow appropriate control measures to prevent mixing of dissimilar production components while following Good Manufacturing Practices.
- Perform in-process and post-process quality assurance testing and conducting visual inspections to ensure all product meets or exceed G Base Manufacturing specifications. Such quality assurance work will include but not be limited to:
- Recording and monitoring process conditions to ensure compliance to standard operating procedures
- Proper weighing, data recording, and batch tracking throughout G Base Manufacturing process
- Work with state-licensed testing laboratories to ensure chain of custody compliance during required sample gathering and reporting
- Continually strive to improve G Base Manufacturing processes for improved patient safety, quality, and efficient manufacturing.
- Monitor and manage lab and processing equipment supplies and inventory.
- Maintain inventory of supplies, materials equipment, including material safety data sheets for all equipment and products
- Stay current with practices and new developments in the cannabis extraction industry.
- Must have accountability, proactive behavior and strong attention to detail.
- Comprehensive knowledge of manufacturing equipment, specifically non-volatile extraction.
- Facility maintenance and troubleshooting as necessary.
- Assist government auditors with inventory, sales, and compliance audits.
- Comply with all HR policies including confidentiality and non-disclosure.

MANUFACTURING TRAINING

The Master Extractor will be provided with and maintain an Operator's Manual, capturing G Base Manufacturing best practices in manufacturing techniques. The Master Extractor will remain current with manufacturing best practices. This will be through webinars, conferences, online training, and through cultivator networks. Employees will be trained through a "task-process." They will begin by doing all of the different tasks in the manufacturing process and once an employee is adequately trained in every task of the manufacturing process, the Process Coordinator will train the employee on how every task of the process affects the other, and provide the employee with adequate knowledge and feedback to be able to manufacture adult-

ETHANOL EXTRACTION PURIFICATION METHODS

Ethanol is a flammable liquid solvent that has a relatively high flash point. It is not explosive at room temperature and atmospheric pressure. Caution must still be used whenever handling Ethanol, and open flames should never have a place in a laboratory where extractions are done. We will take every precaution necessary as required by the Long Beach Fire Department, the State of California, and as recommended by the manufacturer of the closed loop system we will use.

CLOSED LOOP ETHANOL EXTRACTION

For the closed loop extraction system, G Base Manufacturing will utilize the Ethos-X. Our manufacturing operations will begin with one machine and as our operations expand will utilize two Ethos-X extraction machines. The Ethos-X model is a closed loop system which uses 200-proof Ethanol as a solvent, consistent with §40225 of the California Code of Regulations. Though flammable, this solvent is generally considered safe to handle, and no specific provisions for its use or storage are listed in the International Fire Code. **POST PROCESSING/EXTRACTION METHOD – PURE CANNABIS EXTRACT**
G Base Manufacturing will extract distillate on-site. Since our closed-loop ethanol extraction system will produce a distillate that will be in the region of 90% pure THC, and will recycle the ethanol for reuse, no additional post-extraction processes like heating, pressurizing, or off-gassing will be necessary to purify the distillate or recover the solvent. Using this type of pure cannabis extract not only allows our products to be healthier, it also allows for a precise level of control over the THC levels in each individual product item produced in the facility.

INFUSION METHOD – DISTILLATE FOR ACCURATE DOSING

According to the California Department of Public Health's Manufactured Cannabis Safety Regulations, Chapter 13, §40100, "infusion" is the process by which cannabis is incorporated into a product formulation to produce a cannabis product. G Base Manufacturing will not be conducting infusion in our manufacturing operations. At a time, G Base Manufacturing decides to incorporate infusions into our manufacturing operations we will follow all state laws and city ordinances regarding the proper procedures for infusion. THC dosage will be carefully monitored and measured beforehand so that each sample contains a consistent dose and complies with any infusion regulations. In keeping with Senate Bill 94 of the California Legislature, G Base Manufacturing will follow the dosing per serving maximum of 10 mg / serving as per chapter 13, sec 77, 26130.

NON-VOLATILE MANUFACTURING

The majority of G Base Manufacturing products will be cannabis extractions including oils, wax, tinctures and vaping products. The use of ethanol as a non-volatile solvent has the propensity to dissolve chlorophyll when mixed with water. To extract cannabis using ethanol distillate requires controlled atmospheric pressures and temperature. Although ethanol is highly flammable, the benefit of using this type of solvent is it leaves behind little to no toxic residues in the cannabis extract. The use of ethanol also allows to retain valuable cannabis compounds such as, cannabinoids and terpenoids.

MANUFACTURING EQUIPMENT LIST:

- 1X - Ethos X (electrical use: 208-230v 60hz 12A 1PH)
- 1X - Ethos G (electrical use: 208-230v 60hz 12 A 1PH)
- 2X - Pump Compressor for Ethos X and Ethos G (electrical use: 120v)
- 2X - Thermo Scientific TSE Series (electrical use: 120v 60 Hz)
- 1X - Pope Scientific System (distillation/purification) (electrical use: 120v 60Hz)
- 1X - Pure Chromatography Systems (electrical use: 100-240v 50-60 Hz)
- 1X - Protector Hood Labconco System (electrical use: 100-115v 50-60Hz)
- 1X - AI SolventVap 13g/50L Rotary Evaporator Motorized (electrical use: 220v 50-60Hz)
- 1X - LUVAC pump (electrical use: 110v 20a)
- 1X - Ares System (electrical use: 360v 80A 3phase + 120v 15a 1Phase)
- 3X - Pump for Ares system (electrical use: 110v 20a)

NOXIOUS CHEMICAL CONTROL

Odor-Absorption and Prevention:

Very little odor is produced when working with cannabis distillate, and since all extractions will be done in a closed-loop system inside a ventilation booth, no gas will escape during the extraction process of the distillate itself. We will store all cannabis products in airtight containers and use carbon scrubbers to prevent any odor from leaving the building. We will ensure any odors will not be detected outside the business premises through the implementation of an odor-absorbing ventilation and exhaust system. This system will prevent any odors, fumes and noxious gases from leaving the property and leaking into the surrounding environment.

Mitigation and Prevention of Noxious Gases, Fumes, and Molds:

The facility is equipped with a ventilation system that is complete with exhaust fans outfitted for carbon-filtration. It uses vacuum ovens with floor-mounted hoods for extracting vapors from the rooms. This ventilation & exhaust system is designed expressly for absorbing odors, scrubbing them from the air, and filtering them so that they are prevented from leaking to the outside of the facility. The ventilation system and exhaust fans with carbon filters is designed to mitigate noxious gases and other fumes. The space will be kept sterile with air circulation to prevent the growth of harmful molds.

TOXIC MATERIAL CONTROL

Applicants should provide a description of all toxic, flammable, or other materials that will be used or kept at the medical cannabis business, the location of such materials, and how such materials will be stored. This includes all materials regulated by a federal, State, or local government that would have authority over the business if it was not a cannabis business.

Applicants should also describe methods used to comply with limitations on discharge into the wastewater system of the City, as set forth in Long Beach Municipal Code Chapter 15.16.

Ethanol Handling & Storage – Hazardous Material Storage Area:

We will use a closed-loop extraction process to create cannabis distillate. For the type of extraction system, we plan to install, this will require the use of ethanol, which is included on

use marijuana in accordance with Good Manufacturing Practices. All employees will also receive full safety and hygiene training. This training will provide employees with adequate experience and a career path in the adult-use marijuana industry. Moreover, it allows us to have a built-in process that allows for advancement; they will learn every part of the manufacturing process and eventually will be able to manage an entire workflow or facility.

PACKAGING GUIDELINES

G Base Manufacturing will regularly review the state and city guidelines to ensure all cannabis products are packaged in accordance with the rules set forth by the Bureau of Cannabis Control. G Base Manufacturing will comply with these rules and use the following standards for packaging:

- Products are not allowed to be attractive to children or easily confused with candy/foods that do not contain cannabis.
- Packages are required to be tamper-evident, child-resistant, re-sealable, and labeled.
- Every cannabis product must be traced by assigning unique ID numbers for identification and tracking.

Each Marijuana product must be labeled with the following:

- Date of manufacturing and packaging
- Known allergens (nuts, etc.)
- Source and date of cultivation,
- Type of cannabis or cannabis product,
- Number of servings per package,
- Pharmacologically active ingredients (THC, CBD, etc.) and amount (mg per serving),
- "FOR ADULT-USE ONLY" (for adult use cannabis),
- Universal symbol for cannabis

The package will also include the following statements in bold legible typeface:
For cannabis: **"GOVERNMENT WARNING: THIS PACKAGE CONTAINS CANNABIS, A SCHEDULE I CONTROLLED SUBSTANCE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. CANNABIS MAY ONLY BE POSSESSED OR CONSUMED BY PERSONS 21 YEARS OF AGE OR OLDER UNLESS THE PERSON IS A QUALIFIED PATIENT. CANNABIS USE WHILE PREGNANT OR BREASTFEEDING MAY BE HARMFUL. CONSUMPTION OF CANNABIS IMPAIRS YOUR ABILITY TO DRIVE AND OPERATE MACHINERY. PLEASE USE EXTREME CAUTION."**
For cannabis products: **"GOVERNMENT WARNING: THIS PRODUCT CONTAINS CANNABIS, A SCHEDULE I CONTROLLED SUBSTANCE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. CANNABIS PRODUCTS MAY ONLY BE POSSESSED OR CONSUMED BY PERSONS 21 YEARS OF AGE OR OLDER UNLESS THE PERSON IS A QUALIFIED PATIENT. THE INTOXICATING EFFECTS OF CANNABIS PRODUCTS**

the California Title 8 list of Hazardous Substances Although ethanol is considered generally safe to handle, it can be flammable in high concentrations. We will follow all applicable state and local rules and regulations relating to ethanol handling, storage, and safety, including:

- Storing ethanol containers in a well-protected, well-ventilated, dry area away from external heat sources or combustible materials.
- Storing ethanol containers out of the way of potential damage, and in such a way that they're not able to be tampered with.

All ethanol containers will be marked with the appropriate warning label, as dictated by the National Fire Protection Association labelling standards.

POLICY

To ensure all safety and hygiene policies and procedures are customized specifically to the risks common to cannabis businesses. G Base Manufacturing will follow all laws regulations and guidelines provided the Department of Public Health's Manufactured Cannabis Safety Branch which developed regulations that outline the statewide standards and licensing procedures for commercial cannabis manufacturing. G Base Manufacturing will abide by the Medicinal and Adult-Use Cannabis Regulations and Safety Act (MAUCRSA), signed into state law in June 2017, established a regulatory framework for commercial cannabis operations in the state of California.

The Safety Coordinator will conduct the initial review of G Base Manufacturing' building and design plans, and as construction is completed, will leverage Cal/OSHA's Hazard Assessment Checklist, to identify all potential hazards, and how G Base Manufacturing will mitigate them. This assessment, along with Cal/OSHA's Cal/OSHA's IIPP Self-Assessment Checklist, will facilitate the creation of G Base Manufacturing' Injury and Illness Prevention (IIP) Program. A written IIP is required which is required for all employers in the state of California.

The facility and the full premises (including outside of buildings) will be inspected quarterly by the Safety Coordinator to identify potential hazards, using the OSHA Self-Inspection Checklist to prevent hazardous material and chemical incidents that could result in injury and/or illness to any employee or visitor.

The Safety Coordinator will be responsible for conducting training (or coordinating training with a certified third-party OSHA consultant) of all employees on G Base Manufacturing' IIPP. Additionally, the Senior Order Manager is assigned responsibility for conducting job specific hazard training on chemicals used by all Manufacturing Agents. After attending training, each employee will sign a form to verify that he or she attended the training and understands G Base Manufacturing' policies on hazard communication.

Copies of Material Safety Data Sheets (MSDS's) for all hazardous chemicals to which employees may be exposed will be available on the intranet and by hard copy in each chemical storage area of the operating unit, in a designated MSDS binder. Sample documents include accident report forms, a safety rule violation notice, and the OSHA Self-Inspection Checklist.

Safety rules addressed include those relevant to accident and hazard reporting, drug and alcohol use, driving, work-related injuries and the required use of Personal Protective Equipment (PPE). Enforcement measures and disciplinary actions detailed are to be implemented in response to safety rule violations.



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730 W ESTHER ST

GREENVIEW EQUITIES LLC

MANUFACTURING OPERATIONS PLAN

Date: 8/12/20

GN-1

Plotted On: 8/12/20



730 W ESTHER ST

GREENVIEW EQUITIES LLC

DISTRIBUTION OPERATING PLAN

Date: 8/12/20

GN-2

Plotted On: 8/12/20

products are packaged in accordance with the rules set forth by the Bureau of Cannabis Control of California. Green Coast Distribution will comply with these rules and use the following standards for packaging:

- Products are not allowed to be attractive to children or easily confused with candy/foods that do not contain cannabis.
Packages are required to be tamper-evident, child-resistant, re-sealable, and labeled.
Every cannabis product must be traced by assigning unique ID numbers for identification and tracking.

Each Marijuana product must be labeled with the following:

All cannabis product labels shall include the following information, prominently displayed and in a clear and legible font:

- Date of manufacturing and packaging,
Known allergens (nuts, etc.),
Source and date of cultivation,
Type of cannabis or cannabis product,
Number of servings per package,
Pharmacologically active ingredients (THC, CBD, etc.),
Universal symbol for cannabis,
Government Warning,
" For Adult-use only"

The package will also include the following statements in bold legible typeface:

- For cannabis: "GOVERNMENT WARNING: THIS PACKAGE CONTAINS CANNABIS, A SCHEDULE I CONTROLLED SUBSTANCE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. CANNABIS MAY ONLY BE POSSESSED OR CONSUMED BY PERSONS 21 YEARS OF AGE OR OLDER UNLESS THE PERSON IS A QUALIFIED PATIENT. CANNABIS USE WHILE PREGNANT OR BREASTFEEDING MAY BE HARMFUL. CONSUMPTION OF CANNABIS IMPAIRS YOUR ABILITY TO DRIVE AND OPERATE MACHINERY. PLEASE USE EXTREME CAUTION."
For cannabis products: "GOVERNMENT WARNING: THIS PRODUCT CONTAINS CANNABIS, A SCHEDULE I CONTROLLED SUBSTANCE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. CANNABIS PRODUCTS MAY ONLY BE POSSESSED OR CONSUMED BY PERSONS 21 YEARS OF AGE OR OLDER UNLESS THE PERSON IS A QUALIFIED PATIENT. THE INTOXICATING

Green Coast Distribution will be located at fully secured building. The premises is a well-lit, well-ventilated. The commercial building has three secure entrances and a one secure loading bay. An iron gate 12ft fencing system will surround the perimeter of the parking area. To prevent unauthorized access, only authorized persons will have access through the perimeter fencing via biometric key fobs. All others will be admitted manually by security personal at the beginning of their shift. All access points will be electronically monitored by CCTV as well as cloud-based camera systems, which shall be situated to ensure visibility of persons accessing or attempting to access the Distribution Center. Cameras supported with well-lit lighting near the cameras or attached to the cameras. The cameras will be 4k and equipped with night vision. The exterior of the building shall be equipped with an automatic electronic alarm, lighting and video monitoring to detect unauthorized intrusions.

A floor plan of the facility detailing the location of the following:

- All entrances and exits will be secure with key card access which will allow only authorized personnel to enter specific sections of the building;
The location of any windows, skylights, and roof hatches will also be secure using Bay Alarms of South Bay;
The location of all cameras, and their field of view including all security lighting;
The location of all alarm inputs (door contacts, motion detectors, duress/hold up devices) and alarm sirens;
The location of the digital video recorder and alarm control panel; and
Restricted and public areas is shown in the diagram.
There will be security guards on premises 24/7 guarding the building.

Table with 2 columns: Product Type, Description. Row 1: Green Coast Distribution will offer taking cannabis flower in bulk, breaking it down into 1/4 oz, 1/2 oz, 3/4 oz, etc. and pack and labeled jars/boxes/bags. Row 2: Green Coast Distribution will offer design and branding will be offered to create high quality professional end products.

SUPPORTED PRODUCTS

Green Coast Distribution intends on carrying the packaging equipment and supplies to support the following products. Packaging supplies will be purchased from a wholesale supplier and pricing will be structured in a way that is profitable for the company

Table with 2 columns: Products, list of items. Products: Pre-Roll, Flowers, Moon Rocks, Cartridges - THC, Cartridges - CBD, Shatter - Slabs, Distilled Oil - Jars. List: CBD Pills, THC Soap, THC Cream, THC Topical, Pet CBD, Lip Balm - THC, Lip Balm - Hemp, Terpenes Vape-pens

PACKAGING GUIDELINES

Green Coast Distribution will regularly review the state guidelines to ensure all cannabis

cannabis retailer.

- Green Coast Distribution will file based on the average market price of the cannabis or cannabis products. When calculating the average market price in an arm's length transaction (retailer's wholesale cost plus the mark-up determined by the CDTFA, currently 60 percent).
The company will file the report in ounces, including partial ounces rounded to the nearest hundredth, based on the category of dried flowers, dried leaves, or fresh cannabis plant as listed on the invoice from the original cultivator, less any cannabis that was used for testing.
The retailer will collect the cannabis excise tax from their customers and pay the amount collected to Green Coast Distribution.

DOCUMENTING THE TAXES

Green Coast Distribution will properly document the amount of the cultivation tax and the cannabis excise tax collected. When collecting the cultivation tax from cultivators or manufacturers, or the cannabis excise tax from retailers, the company will provide an invoice, receipt, or other similar document that contains the following:

- Green Coast Distribution, as the distributor.
The name of the other licensee (that is, the cultivator, manufacturer, retailer).
The associated unique identifier for the cannabis or cannabis product.
The amount of cannabis tax collected.
The date of the sale or transfer.

DISTRIBUTION RECORDS

As required under 55310 of the California State Regulations, Green Coast Distribution will maintain the following records:

- Records relating to branding, packaging, and labeling;
Inventory logs and records;
Transportation bills of lading and shipping manifests for completed transports and for cannabis goods in transit;
Vehicle and trailer ownership records;
Quality-assurance records;
Records relating to destruction of cannabis goods;

- Laboratory-testing records;
Warehouse receipts;
Records relating to tax payments collected and paid under Sections 34011 and 34012 of the Revenue and Tax Code.

SECURITY

track-and-trace.

PACKAGING & DISTRIBUTION SERVICES

Green Coast Distribution will offer the below services to other licensed commercial cannabis businesses. It is the commitment of the company to only offer these services to companies who have local and state authority to operate

Table with 2 columns: Cultivation Pick-up, Cannabis Retailer, Delivery Manufacturer, Pick-up, Manufacturer Delivery, Lab Testing Sample, Collection State of the Art Digital Printing, Variety of Premium Label Materials, Fulfillment Services, White-Labeling. Describes services like freight request, packaging, testing, and labeling.

- All items in the order are retrieved and stored in the Order Preparations area
The inventory team validates the correct quantities
All items are packaged in an opaque container for delivery to the Cannabis Retailer
The packaged shipment is staged in an area that shows it is ready for shipment
The state mandated shipment manifest is affixed to the outside of the opaque container
Office staff reviews all orders ready for shipment, a transportation route is generated, and a driver is assigned
All packages are loaded onto the vehicle for delivery
The driver delivers all packages to the Cannabis Retailers
Upon delivery, the driver will provide the shipping manifest to the retailer and digitally capture the signature of the receiving party

The shipping manifest will be completed by the distributor and transmitted in the track and trace system to the Bureau and receiving licensee. A physical copy of the shipping manifest will be carried in the transport vehicle at all times while transporting cannabis goods. The shipping manifest will be provided to law enforcement and Department of Consumer Affairs agents upon request.

TAX COLLECTION - CULTIVATION TAX

As a cannabis distributor, the company will file your cannabis tax returns and pay the cultivation tax and cannabis excise tax due to the California Department of Tax and Fee Administration (CDTFA). Below is an overview of the reporting and invoicing requirements for cannabis distributors as well as information on how to avoid substantial penalties for failure to pay the cannabis taxes due.

Green Coast Distribution will report cultivation tax under the following conditions:

- Green Coast Distribution will report the cultivation tax for the reporting period in which the cannabis or cannabis products enter the commercial market.
Green Coast Distribution will file the report in ounces, including partial ounces rounded to the nearest hundredth, based on the category of dried flowers, dried leaves, or fresh cannabis plant as listed on the invoice from the original cultivator, less any cannabis that was used for testing.
Green Coast Distribution will enter adult-use ounces separately from medicinal ounces for each category.
Green Coast Distribution will obtain additional information from manufacturers on the category and ounces of cannabis used to manufacture the cannabis products to report the cultivation tax properly.

TAX COLLECTION - THE EXCISE TAX

Green Coast Distribution will collect and report cultivation tax under the following conditions:

- Green Coast Distribution will report the cannabis excise tax for the reporting period in that the company has sold or transferred the cannabis or cannabis products to the

Cannabis Control, Department of Motor Vehicles, the Attorney General, and the State Department of Tax and Fee Administration. Green Coast Distribution will provide copies of all applicable permits, licenses, approvals or certificates to the Long Beach City Manager upon request as evidence of compliance.

COMPANY OBJECTIVES

Green Coast Distribution's objectives are:

- To obtain local approval to operate as a distributor in the City of Long Beach
To obtain state approval to operate as a distributor
To conduct the appropriate building upgrade to create a professional, secure distribution operation
To create a professional branded distribution company to earn trust and respect within the communities served.
To be an active participant in the Long Beach community, will go to support local nonprofits whose missions to do good for Long Beach align with our own
To be regarded as good neighbors and respected by the local neighborhood
To outline standard operating procedures to become a compliant distributor

COMPANY MISSION

Green Coast Distribution's mission is to provide a safe, and secure method to transport cannabis products between other licensed commercial cannabis facilities. Operations will be professional in nature and operations conducted with the upmost integrity.

DESCRIPTION OF SERVICES

Green Coast Distribution will distribute our products through a fully licensed supply chain, as required by California MAURCSA. Distribution activities will primarily be distributing products made on site. All products undergo batch testing and the required third-party cannabis testing before reaching consumers. Green Coast Distribution will efficiently identify and meet the existing demand for high-quality cannabis products in Long Beach. We will only wholesale directly to licensed dispensaries and retailers. Green Coast Distribution intends to ensure the distribution of only the highest quality products available to consumers of the marijuana dispensaries it serves, which will mean that coordination with proper testing and quality control will be of utmost importance to our operation. Green Coast Distribution hopes to run a self-sufficient operation while also maintaining partnerships with other cannabis businesses and licensed testing facilities. We will only repackage or relabel third-party products if they are deemed damaged, spoiled or tampered with in accordance with our quality assurance protocol. Green Coast Distribution will package and seal all cannabis and cannabis product in tamper-evident packaging of a type that is unattractive to children and does not imitate the product is candy and use a unique identifier of the harvest batch in compliance with California METRC

be carried in the transport vehicle at all times while transporting cannabis goods. The shipping manifest will be provided to law enforcement and Department of Consumer Affairs agents upon request.

OUTGOING SHIPMENTS

Green Coast Distribution will receive requests for shipping from other commercial cannabis licensees. These orders will be converted into outgoing shipments and assigned to drivers employed by the company. All shipments of outgoing products will include a detailed shipping manifest. All transportation recordkeeping will be digitalized and be an output of the inventory tracking system. These will be notated as an outbound sales order. Each sales order will contain the following information:

- Name, license number, and premises address for:

The licensee who possesses the cannabis goods

The licensee transporting the cannabis goods

The licensee receiving the cannabis goods

- Name and license number of any licensee involved in the activity or transaction who is not shipping, transporting, or receiving the cannabis goods
Date and time of activity
Date and time of departure from first premises, and estimated time of departure for subsequent premises if cannabis goods are being shipped from multiple premises in one transport vehicle
Estimated date and time of arrival at each receiving premises
Driver license number for any person driving the transport vehicle
Make, model, and license plate number of transport vehicle
Name and type of cannabis goods to be transported

The shipping manifest will be completed by the distributor and transmitted in the track and trace system to the Bureau and receiving licensee. A physical copy of the shipping manifest will be carried in the transport vehicle at all times while transporting cannabis goods. The shipping manifest will be provided to law enforcement and Department of Consumer Affairs agents upon request.

SHIPMENT PREPARATION AND DELIVERY-CANNABIS RETAILER

Green Coast Distribution will receive orders from Cannabis Retailers for commercial cannabis products that are stored on-site at the facility. Products for distribution will be kept in 2 locations. The Cannabis Retailer can only place orders against inventory stored in WH Location 2, the designated storage location of products that are ready for sale.

- WH Location 1: Product waiting on testing.
WH Location 2: Products ready for sale.
Cannabis Retailer places an order for items stored in WH Location 2
The order is validated and sent to be prepared for shipment

Green Coast Distribution, Inc.

City of Long Beach

ADULT- USE MARIJUANA

DISTRIBUTION OPERATING PLAN

Applicant: Green Coast Distribution, Inc.
Site Address: 728 W Esther Street, Long Beach, CA 90813
AIN/Parcel ID: 7271016005, 7271016004

GENERAL DESCRIPTION OF SERVICES

Green Coast Distribution, Inc. intends on doing business as Green Coast Distribution. The operations of Green Coast Distribution, Inc. ("Green Coast Distribution") distribution facility will operate in accordance with all City of Long Beach regulations, State law, and regulating agencies governing commercial Adult-Use Cannabis Businesses in the State of California. As a commercial distribution facility, Green Coast Distribution will operate in accordance with, and obtain permits as applicable from such regulating agencies including, but not limited to, the Bureau of

EFFECTS OF CANNABIS PRODUCTS MAY BE DELAYED UP TO TWO HOURS. CANNABIS USE WHILE PREGNANT OR BREASTFEEDING MAY BE HARMFUL. CONSUMPTION OF CANNABIS PRODUCTS IMPAIRS YOUR ABILITY TO DRIVE AND OPERATE MACHINERY. PLEASE USE EXTREME CAUTION."

RECEIPT OF INBOUND SHIPMENTS

Before transporting any cannabis goods, Green Coast Distribution will generate a shipping manifest through its track and trace system, as appropriate, for testing and sampling, sale of cannabis goods to a licensee, destruction or disposal of cannabis goods, and any other activity as required by law. The shipping manifest will accompany every transport of cannabis goods.

Green Coast Distribution will then transmit the shipping manifest to the Bureau of Cannabis Control and the licensed receiver of the cannabis goods, prior to their transportation. Green Coast Distribution will only distribute cannabis goods to licensed premises and shall verify that the cannabis goods being taken into transport at the originating licensed premises are as described and accurately reflected in the shipping manifest.

It is expected that the licensed Transport Agent will carry a detail transportation manifest containing:

- A unique Purchase Order number to track system receipts
Name, license number, and premises address for:
The licensee who possesses the cannabis goods
The licensee transporting the cannabis goods
The licensee receiving the cannabis goods
Name and license number of any licensee involved in the activity or transaction who is not shipping, transporting, or receiving the cannabis goods
Date and time of activity
Date and time of departure from first premises, and estimated time of departure for subsequent premises if cannabis goods are being shipped from multiple premises in one transport vehicle
Estimated date and time of arrival at each receiving premises
Driver license number for any person driving the transport vehicle
Make, model, and license plate number of transport vehicle
Name and type of cannabis goods to be transported

Upon receipt of cannabis goods for transport, storage, or inventory, the company employee shall ensure that the cannabis goods received are as described in the shipping manifest and shall record acceptance and acknowledgment of the cannabis goods in the track and trace system.

If there are any discrepancies between the type or quantity specified in the shipping manifest, whether by type or quantity received by the licensee, the licensee shall record, and document the discrepancy in the track and trace system and in any relevant business record.

The shipping manifest will be completed by the distributor and transmitted in the track and trace system to the Bureau and receiving licensee. A physical copy of the shipping manifest will

City of Long Beach Adult-Use Marijuana Cultivation Operations Plan

New Cycle Technologies, Inc.
 Site Address: 730 West Esther Street,
 Long Beach, CA 90813
 APN/Parcel ID: 7271016005, 7271016004

GENERAL DESCRIPTION OF SERVICES

The operations of New Cycle Technologies, Inc. indoor cultivation facility will operate in accordance with all City of Long Beach regulations, State law, and regulating agencies governing commercial Adult-Use Cannabis Businesses in the State of California. The cultivation facility will operate in accordance with, and obtain permits as applicable from such regulating agencies including, but not limited to, the State Department of Food and Agriculture, the State Department of Pesticide Regulation, the State Water Resources Control Board, the Los Angeles County Agricultural Commissioner/Weights and Measures, the Attorney General, and the State Department of Tax and Fee Administration.

COMPANY OBJECTIVES

New Cycle Technologies' objectives are:

- To obtain local approval to operate as a Type 2A Small Indoor Cultivation Facility in the City of Long Beach.
- To obtain state approval to operate as a Type 2A Small Indoor Cultivation Facility.
- To produce high-quality cannabis products.
- To build a recognizable brand as a premier cannabis cultivator in a rapidly growing industry.
- To provide our retailer partners and distributors with top quality products, bringing carefully a establish name to our company as a trustful partner in distributors' market.
- To intent to be a prominent operation that combines strategic know-how with years of qualified experience in the recreational marijuana industry to create a self-sustaining operation that is set up for long-term success in Long Beach, while complying with the Long Beach municipal code, state law, and all other relevant regulations.
- To conduct the building upgrade to create a professional, secured cultivation facility.
- To intent to be an active and upstanding member of the Long Beach community.
- To intend to partner with local employment agencies of Long Beach to provide employment opportunities to local residents of Long Beach.

FACILITY DESCRIPTION AND ENERGY USAGE

New Cycle Technologies is leasing the premises for the purpose of a cultivation facility located at 730 West Esther Street, Long Beach, CA 90813. The premises is compliant with zoning restrictions for commercial cannabis businesses pursuant to Title 21 (Zoning Ordinance) of the Long Beach Municipal Code. The premises is located in a General Industrial (IG) Zoned building with a permitted use for a Crop Cultivator of an Adult-Use Cannabis Business.

CULTIVATION SUPPLEMENTAL INFORMATION

- Total square footage of Cultivation Facility - 6,725 sq. ft.
- Three grow rooms: (12) Tables 5' x 22'; (12) Tables 5' x 31'; (12) Tables 5' x 22'.
- Total grow rooms: 282 lights and Vegy room: 36 lights.
- Recommended lights: Gavita Pro 1000c DE and Gavita Pro 600w (or LED)

ELECTRICITY AND WATER USE ESTIMATED

Grow rooms: 282 lights x 1,055 watts per light = 297,510 watts
 Vegy room: 36 lights x 805 watts per light = 28,980 watts
 Total: 326,490 watts

326,490 watts x 14 hours per day = 4,570,860 watts total per day
 4,570,860 watts per day x 30 days a month = 137,125,800 total watt hours per month
 137,125,800 total watt hours per month/ 1,055 = 129,977,061 kWh per month

DESCRIPTION OF SERVICES

Cultivation high-quality cannabis flowers, creating pre-rolls.

STANDARD OPERATION PROCEDURES

Indoor cannabis farming provides us with the ability to completely control these environmental factors. This level of control enables us to achieve optimal conditions for growing cannabis plants, which produces beautiful flowers. Some of the key features of our SOP's include the following procedures (a copy of the Standard Operation Procedures is available upon request):

- Mother Plants and Cloning
- Managing the Vegetative and Flowering Phases
- Drying and Trimming
- Curing Cannabis product
- Managing Nutrient
- Pest Control
- Disease Management
- Cleaning Procedures
- Quality Control

New Cycle Technologies is going to use Biotrack THC system to control the environmental factors, moisture, temperature, manage the water supply for proper cultivation of plants.

CULTIVATION OVERVIEW

New Cycle Technologies will prepare a written batch production record every time a batch of a cannabis product is harvested. The batch production record will accurately follow the appropriate master cultivation protocol, and each step of the protocol will be performed in the production of the batch. New Cycle Technologies will utilize the extensive skills and expertise of its Master Cultivators to grow cannabis of the highest quality for its customers. The Master Grower will be responsible for all cultivation procedures: cloning, transplanting, feeding plants, defoliation, topping, flushing, foliar and preventative sprays, waste disposal and inventory management.

The Master Grower job responsibilities will include:

- Oversee cannabis crops and facilities
- Manage plants from vegetative state until harvest.
- Develop cultivation plans and assign duties
- Organize and document the daily process of transplanting, cloning, defoliation and trimming of plants
- Ensure that growth requirements of cannabis plants are consistently met (lighting, soil PH, nutrients, etc.)
- Apply indoor farming methods that increase our yields
- Lead maintenance operations (including disposing waste and preventing contaminations)
- Diagnose and resolve plant health issues like mold, mildew or other infestations
- Ensure legal compliance of cultivation procedures
- Manage inventory and budgets related to marijuana farming (including equipment, security and HVAC systems)
- Supervise and coach employees who tend to the plants (e.g. cannabis trimmers)
- Inspect quality of harvest
- Record accurate information using MJFREWAY

TRACKING SOLUTION

The company intends to use special track-and-trace systems (seed-to sales) tracking solution for every level of the cannabis vertical business, which allows licensed operators to remain compliant while helping to identify key data points to streamline and optimize inventory management at each phase of the operation: cultivation, processing, destruction and waste, transportation, lab testing and dispensing.

facility agent responsible for the disposal.

CURING MARIJUANA

Many of the aromatic compounds (terpenes) that give cannabis its unique smell and flavor are quite volatile, and can degrade and evaporate at temperatures as low as 70° F. A slow cure at low temperatures will preserve these terpenes better than a quick, hot cannabis drying process. A proper cure allows you to store your cannabis for long periods without worrying about mold or the loss of cannabinoid content. Well-cured flowers can be stored in an air-tight container in a cool, dark place for up to two years without significant loss of potency. The curing room will be set at approximately 60 degrees with 60% humidity.

Procedure

- Seal the containers and place them in a cool, dry, dark spot to finish the curing process.
- During the first week, open the containers several times per day and let the flowers "breathe" for a few minutes. This allows moisture to escape and replenishes the oxygen inside the container. If there's the odor of ammonia when opening a container, it means the buds are not dry enough to be cured and anaerobic bacteria are consuming them, which will lead to moldy, rotten cannabis.
- After the first week, the containers will only need to be opened once every few days or so.
- After 2 to 3 weeks in containers, cannabis will be cured enough to provide a quality experience.
- High-end strains may be cured up to 6 months to ensure quality product.

Procedure:

- The technician will check all plants in the room to ensure there are no male plants present.
- The plants will be placed on a 12:12 light regiment. This means that they will be exposed to light for 12 hours per day and dark 12 hours per day.
- Any windows in the flowering room will be blackened to avoid any disruption in the flowering process.
- Depending on the strain, the following general rules for flowering periods can be applied: Indica and Hybrid - 50-60 Days Sativa - 60-70 Days
- Lights will be equipped with a timer to assist with the scheduling during the Flowering Phase
- Flowering rooms will be kept between 70 and 76 degrees Fahrenheit with humidity set between 40% and 50%. Certain strains do require different environments.

PRUNING

Pruning cannabis plants is important to maximize plant yields. This will help produce more buds when it comes time to harvest. Pruning also encourages new branches to grow on plants. Once plant begins having a pair of leaves sprouting from the very top on a daily basis, the topmost leaf will grow some new branches. Pruning will be done in a way to promote uniform growth.

Procedure:

- Review plant height early during the Vegetative Phase
- Snip off the top stem to force the plant to create more branches and grow out wider.
- Cutting shoots and leaves won't harm the plant if done in moderation.
- Training will be provided to the bud tender to ensure trimming is done correctly. Cutting to many shoots and leaves can make it hard for the plant to regrow.

DRYING

Drying is simple process takes about 10-20 days to dry our plants. Temperature must be 70 degrees and 45-50% humidity. Once harvest fan leaves are removed, and flowers and sugar leaves are going to drying room. **PRODUCING:** 10-20 days.

TRIM PROCESSING

Specialists will finish product and make it presentable and ready to be packed.

Procedure:

- Obtain the required tools
- Sharp Pruning Scissors (Fiskars is the unofficial sponsor of harvest season)
- Larger Pruning Shears (to break down the large branches)
- Rubber Gloves
- Rubbing Alcohol (to keep your scissors and hands sticky-free)
- Clean Work Surface

- Plastic to cover table and floor
- Labeled containers to separate cannabis by quality of buds
- To begin, cut the branches off the plant using your large shears. Gently pile the broken-down branches into a large, clean plastic container.
- Once filled, transport the container full of branches back to your work area. An optional step is to hang your freshly chopped buds on a line or clothing hangers near your workstation, so they don't get squished in the bin.
- Remove all of the fan leaves (water leaves) at the base.
- Example of Fan Leaf Removal.
- During the close manicure, you want to work around the bud, sculpting it to reveal the nugget underneath all the leaves.
- After the close manicure, the technician will cut the buds off to dry on a mesh rack.
- Place the buds on a mesh drying rack to finish their drying process. The drying environment will be dark and have plenty of air movement. Fans and dehumidifiers will be used to aid in the drying process. A bud trimmer will check the harvest every day to judge the amount of moisture left in the buds.
- Dryness will be checked by bending the stalk. Once the stalk snaps, buds will be placed in airtight container to begin the curing process.

HARVESTING

At maturity, the cannabis is removed from the plants, dried, cured, then weighed and entered into inventory. Trimmings may be separated for use in the processing of cannabis products such as concentrates or designated for disposal. The residual plant stalk is destroyed after the Inventory Control Agent verifies that all usable cannabis has been removed. The destruction of the residual plant material will follow the same rules as the destruction of medically unusable cannabis.

Procedure

- Recordkeeping
- For each batch of cannabis cultivated, the inventory tracking system will document:
 - the batch and individual plant numbers;
 - whether the batch originated from seeds or cuttings;
 - the origin and strain of the seeds or cuttings planted;
 - the number of cuttings planted
- the date they were planted;
- all chemical additives, including nonorganic pesticides, herbicides, and fertilizers used in the cultivation;
- the number of female plants grown to maturity;
- harvest information:
 - date of harvest,
 - weight of the usable dry yield,
 - the name and registry identification number of the cultivation facility agent responsible for the harvest;
- disposal information:
 - description of and reason for the cannabis being disposed of, including, where applicable, the number of male, failed, contaminated, infested, or otherwise unusable plants,
 - date of disposal,
 - method of disposal, and the name and registry identification number of the cultivation

- be at the same height.
- Root Bloom will be applied to all new holes before the plant is placed in the hole.
- The technician will insert a spade into the soil about 1-inch away from the plant's stem.
- Care will be taken to make sure roots are not damaged and a large enough clump to make the transplant fully.
- The plant will be placed in the hole and covered with the new soil.
- Moisten the soil so that the transplant and the host soil form a nice meld

VEGETATIVE PHASE

The vegetative growth room is about 1150 sq. ft. The Veg Room is where baby plants from the Cloning room become teen plants and are grown to maturity before being moved into the Flower Room. The majority of the cannabis plants leafy growth and elongation will occur in Veg, however stretching will continue for 2-3 weeks into a 12/12 photoperiod (Flower) where they'll grow another 30% in size before shifting energy to flower mass production. **PRODUCING:** 2 weeks.

Procedure:

- During the initial growth period of the plant, it builds up structural integrity (stem and roots).
- Foliage will develop. Topping and pruning teenage plants will be done to promote healthier and bushier plants.
- Fertilizer will be applied per the feeding schedule.
- Late-germinating seeds or stunted seedlings will be removed to prevent competition for light and nutrients.
- The plant will be monitored for a stable root system.
- Care will be taken to irrigate and water the plant. Larger plants will be provided more water than smaller plants. Curling or yellowing leaves are a sign of dehydration
- Plants will be exposed to light for 18-24 hours per day to encourage growth.
- The air temperature will be maintained between 72 and 78 degrees Fahrenheit and 60% humidity which will encourage faster growth.
- The roots will be kept at a slightly lower temperature, around 65 degrees Fahrenheit.
- Room humidity will be measured and maintained somewhere between 60% and 70%.

FLOWERING PHASE

The flowering process is the last cultivation step and we have to be sure that our plants will have an environment for the best blooming. Climate control is the most important thing. **PRODUCING:** 8 weeks

Date: 8/12/20

GN-3

Plotted On: 8/12/20

730 W ESTHER ST

GREENVIEW EQUITIES LLC



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CULTIVATION OPERATIONS PLAN