EL MONTE UNION HIGH SCHOOL DISTRICT
SOUTH EL MONTE HIGH SCHOOL - NEW GREENHOUSE

DSA SUBMITTAL

DSA FILE NO.: 19-H10

PROJECT DIRECTORY

OWNER
EL MONTE UNION HIGH SCHOOL DISTRICT
1301 CASS AVENUE, EL MONTE, CA 91731
(T) 626.288.6100
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610 E. FRANKLIN AVENUE
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3537 JOHNSON AVENUE, EL MONTE, CA 91731
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NORMA MACIAS, OWNER'S AUTHORIZED REPRESENTATIVE

CIVIL/EARTHWORK
610 E. FRANKLIN AVENUE
EL MONTE, CA 91731
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MICHAEL R. SCHOEN, ARCHITECT, PRINCIPAL

GENERAL CONTRACTOR
EL MONTE UNION HIGH SCHOOL DISTRICT
1041 S. GARFIELD AVENUE SUITE #210
POMONA, CA 91767
(T) 909.683.8800

SCOPE OF WORK

1. ALTERNATE #1 - INTERIOR AQUAPONICS EQUIPMENT PER A-600 1001 DURFEE AVE.,
   610 E. FRANKLIN AVENUE
2. 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3 TITLE 24 C.C.R.
3. 2019 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
4. 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
5. 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
6. 2019 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R.
7. DIVISION OF THE STATE ARCHITECT
8. STATEMENT OF GENERAL CONFORMANCE

APPLICATIONS

1. ALTERNATE #1 - INTERIOR AQUAPONICS EQUIPMENT PER A-600 1001 DURFEE AVE.,
   610 E. FRANKLIN AVENUE

APP.
INC.
DATE:
03-122087
07/11/2022

STATEMENT OF GENERAL CONFORMANCE

This drawing sheet(s) listed on the sheet index have been prepared by other design professionals on consultants who are licensed to practice architectural services in the State of California. I have examined the drawings for:

1. Design intent and that they appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by myself, and
2. Coordination with my plans and specifications, and are acceptable for incorporation into the construction of this project.

The statement of general conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 4-344 "of Title 24, California Code of Regulations, in the state of California." (1) Design intent and that they appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by myself, and
(2) Coordination with my plans and specifications, and are acceptable for incorporation into the construction of this project.

ALTERNATES

1. ALTERNATE #1 - INTERIOR AQUAPONICS EQUIPMENT PER A-600 1001 DURFEE AVE.,
   610 E. FRANKLIN AVENUE

APP.
INC.
DATE:
03-122087
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OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR
BE IN RESPONSIBLE CHARGE

MICHAEL R. SCHOEN
ARCHITECT PRINCIPAL

APPLICABLE CODES

1. CIVIL CODE & GENERAL REGULATIONS
   A. 2009 INTERNATIONAL BUILDING CODE, SECTION 901.1.2
   B. 2009 INTERNATIONAL ELECTRICAL CODE, SECTION 901.1.2
   C. 2009 INTERNATIONAL PLUMBING CODE, SECTION 901.1.2
   D. 2009 INTERNATIONAL FIRE PROTECTION CODE, SECTION 901.1.2

2. CALIFORNIA STANDARD INDUSTRIAL CODE
   A. CALIFORNIA ENVIRONMENTAL CODE, SECTION 901.1.2
   B. CALIFORNIA MICHIEAL CODE, SECTION 901.1.2
   C. CALIFORNIA SOILS EARTHWORK CODE, SECTION 901.1.2
   D. CALIFORNIA REFERENCE STANDARDS, SECTION 901.1.2

VICINITY MAP

IN GREENHOUSE

COVER SHEET - INDEX, SCOPE OF WORK & VICINITY MAP

G-001
GARDENING EQUIPMENT TO BE PURCHASED BY OWNER AND INSTALLED BY CONTRACTOR:

- E AQUAPONICS SYSTEM WITH 200 GALLON TANK
- GREENHOUSE MEGASTORE, ETC.

4 HP-CKAP FURNISH, INSTALL, CONNECT COMPLETE, COORDINATE, PROGRAM, ETC., W/ MANUFACTURER.

- CONTROLS

- AIR CIRCULATION

- HEATING

- COOLING

- FAN UNITS

- WATER PRESSURE REGULATOR

- SOLENOIDS

- MULTI STAGE FILTER

- IGROW 800 ENVIRONMENTAL CONTROLLER

- IGROW 800 ENVIRONMENTAL CONTROLLER 1 CT-4108 4"X6" NA NA 5+/- NA

- MEGASTORE, CONLEY'S, APROVED EQ. MANUFACTURER (COORDINATE WITH MANUFACTURER).

- PROVIDE TYP. THRESHOLD AT EACH DOOR, SEE GREENHOUSE FLOOR PLAN SHEET.

- PROVIDE 2/A-A110 NONE PER MANUFACTURER GREENHOUSE STRUCTURE MFR DOOR & HARDWARE W/ LEVER LOCKSET & ACCESSIBLE THRESHOLD.

- PROVIDE THE FOLLOWING (TO BE SELECTED BY ARCHITECT) FROM THE GREENHOUSE FROM THE CLOUD.

- (1) LINK4 FULLY PROGRAMMABLE CONTROLLER WITH INTEGRATED GUTTER END CAP AND TWO (2) GUTTER END CAPS W/ DOWNSPOUT POST

- PROVIDE CIRCUITS, WIRING, RIGID METAL CONDUITS, BOXES, ETC., GALVANIZED & ELECTRICIAN SPECIFIED FOR EXTERIOR WET AREAS & FOR COMPLETE CONNECTION OF ALL EQUIPMENT, DEVICES, ETC., THAT REQUIRE MECHANICAL, ELECTRIC, PLUMBING CONNECTIONS FOR COMPLETE SYSTEMatic INTEGRATION WITH MATERIALS & WORKS.

- ALL DOOR HARDWARE SHALL MEET REQUIREMENTS OF THE CALIFORNIA BUILDING CODE (INCLUDING ALL SPECIFICATIONS FOR FIRE RATING ONLY).

- PROVIDE TYP. PRODUCTS AT EACH DOOR, SEE OFFICE FLUOR PLAN SHEET.

- PROVIDE LINK4 IRRIGATION CONTROLLER, TUBING, FITTINGS FOR OVERHEAD MISTING DELIVERY.

- INCLUDES LINK4 IRRIGATION CONTROLLER WITH 8 CHANNELS. ACCESSED VIA COMPUTER INTERFACE & REMOTE CONTROL.

- PROVIDE THE FOLLOWING (TO BE SELECTED BY ARCHITECT) FROM THE GREENHOUSE FROM THE CLOUD.

- (2) 30" HORIZONTAL AIR FLOW (HAF) FANS 12" IN. 1.3/0.65 115/230 18 1,470 CFM

- PROVIDE GREENHOUSE, INCLUDING ALL EQUIPMENT, COMPONENTS, ACCESSORIES, DEVICES, ETC., THAT REQUIRE MECHANICAL, ELECTRIC, PLUMBING CONNECTIONS FOR COMPLETE SYSTEMatic INTEGRATION WITH MATERIALS & WORKS.

- E AQUAPONICS SYSTEM WITH 200 GALLON TANK GREENHOUSE MEGASTORE, ETC.

- 4 HP-NG-MM FURNISH, INSTALL, CONNECT COMPLETE, COORDINATE, PROGRAM, ETC., W/ MANUFACTURER.

- PROVIDE THE FOLLOWING (TO BE SELECTED BY ARCHITECT) FROM THE GREENHOUSE FROM THE CLOUD.

- (1) CONTINUOUS END WALL VENT BEHIND EVAPORATIVE COOLING WALL FANS

- PROVIDE 2/A-A110 NONE PER MANUFACTURER GREENHOUSE STRUCTURE MFR DOOR & HARDWARE W/ LEVER LOCKSET & ACCESSIBLE THRESHOLD.

- PROVIDE TYP. THRESHOLD AT EACH DOOR, SEE GREENHOUSE FLOOR PLAN SHEET.

- PROVIDE 2/A-A110 NONE PER MANUFACTURER GREENHOUSE STRUCTURE MFR DOOR & HARDWARE W/ LEVER LOCKSET & ACCESSIBLE THRESHOLD.

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