747074
Scale 1'=2'

Nurture Green (SW 6451)

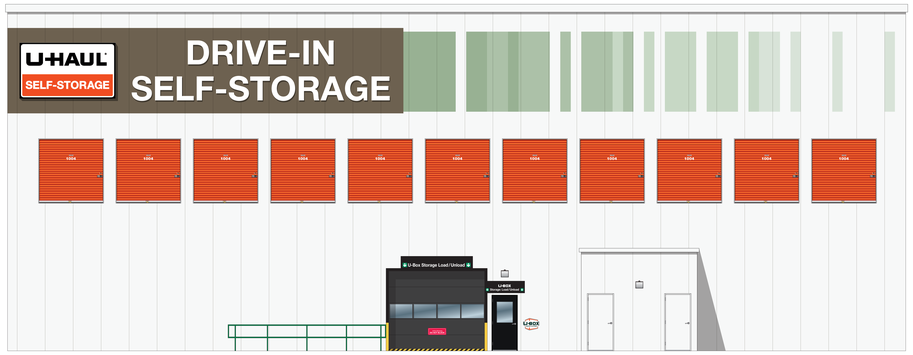
Easy Green (SW 6450)

Topiary Tint (SW 6449)

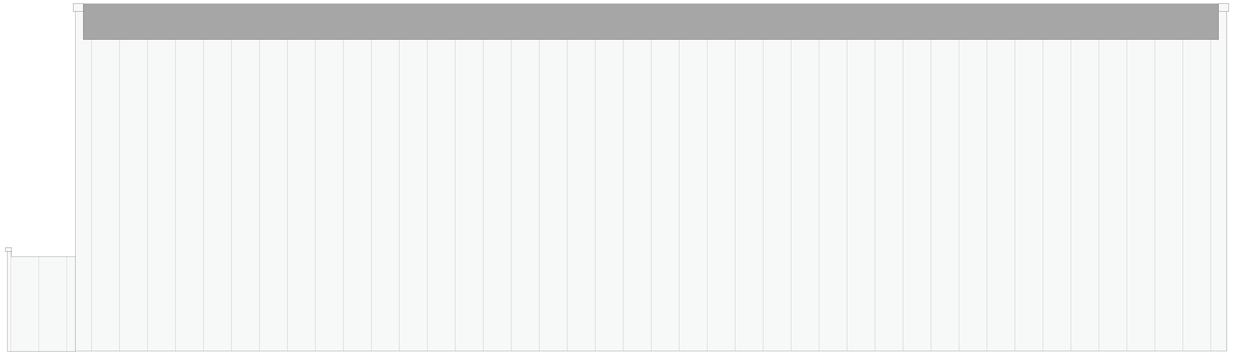
Fleeting Green (SW 6455)

Isoleren IM Regal White III

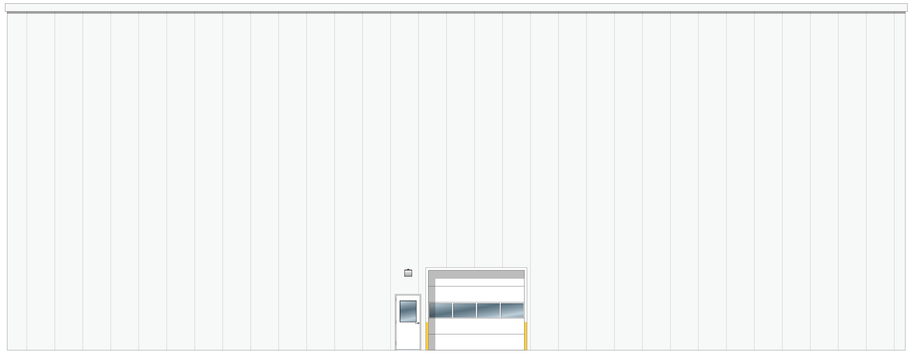
WEST ELEVATION



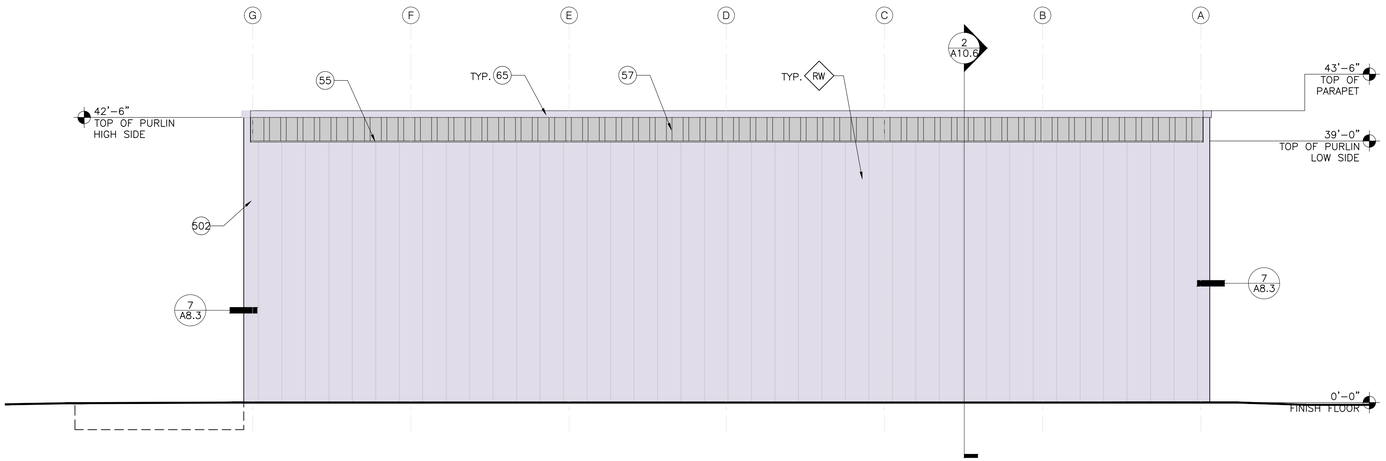
SOUTH ELEVATION



EAST ELEVATION

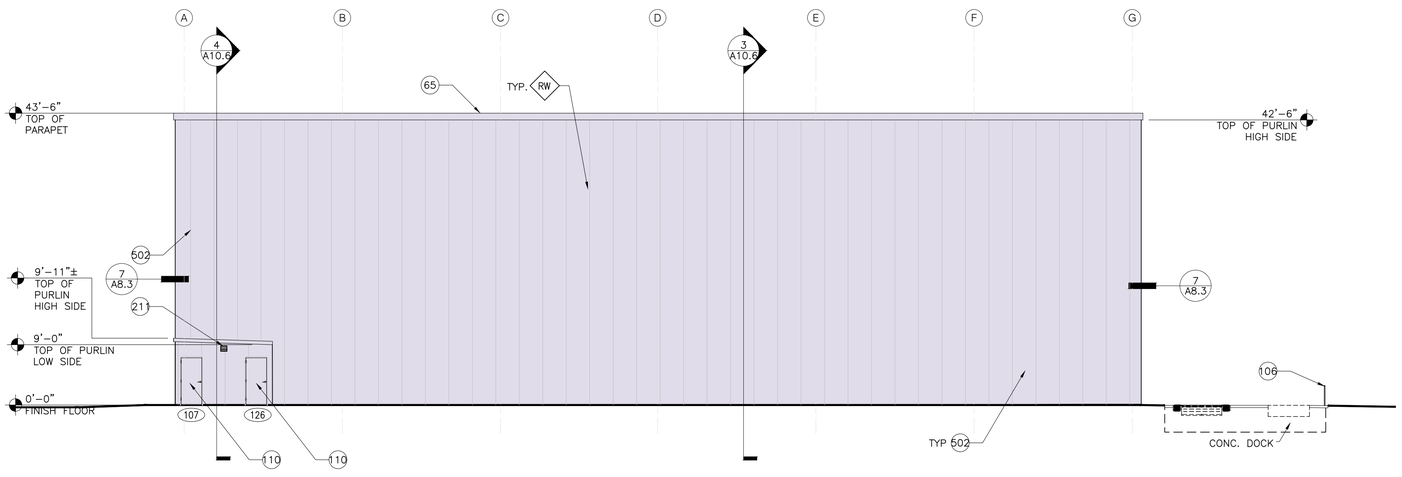


NORTH ELEVATION



1 EAST ELEVATION

SCALE: 3/32"=1'-0"



2 WEST ELEVATION

SCALE: 3/32"=1'-0"

55. LOW EAVE DRIP-EDGE TRIM
56. RAKE SIDE TRIM
57. BUTLER DOUBLE LOCKING STANDING SEAM ROOF
65. PRE-FINISHED PARAPET CAP
66. ROOF LINE, FLOOR LINE OR WALL BEYOND
106. PAINTED STEEL HANDRAIL – BY CONTRACTOR
110. SIDE-HINGED H.M. DOOR – SEE DOOR SCHEDULE
112. SECTIONAL OVERHEAD DOOR – SEE DOOR SCHEDULE
117. EXTERIOR APPLIED IMAGING ADDITIONAL SUB-FRAMING MAY BE REQUIRED, COORDINATE WITH UHI DESIGN DRAWINGS (DSD) AND OWNERS REPRESENTATIVE.
211. WALL-MOUNTED LIGHT FIXTURE – SEE ELECTRICAL
237. STOREFRONT GLAZING – SEE WINDOW TYPE SCHEDULE
502. VERTICAL ATAS ISLOLEREN IM INSULATED METAL PANEL (IMP)

KEY NOTES

- P61 — SHERWIN WILLIAMS 6451 – NURTURE GREEN
- EG — SHERWIN WILLIAMS 6450 – EASY GREEN
- FG — SHERWIN WILLIAMS 6455 – FLEETING GREEN
- TT — SHERWIN WILLIAMS 6449 – TOPIARY TINT
- RW — REGAL WHITE III

NOTE: REFER TO UHI DESIGN DRAWING (DSD) FOR ADDITIONAL INFORMATION.

COLOR LEGEND

SHEET NOTES:

REFER TO SHEET A7.1 FOR DOOR TYPES AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTER LINE OF OPENING.

REFER TO U-HAUL INTERNATIONAL STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III
REG. No. 35006
STATE OF LOUISIANA
REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
ARCHITECTURE | DESIGN
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

SHEET CONTENTS:

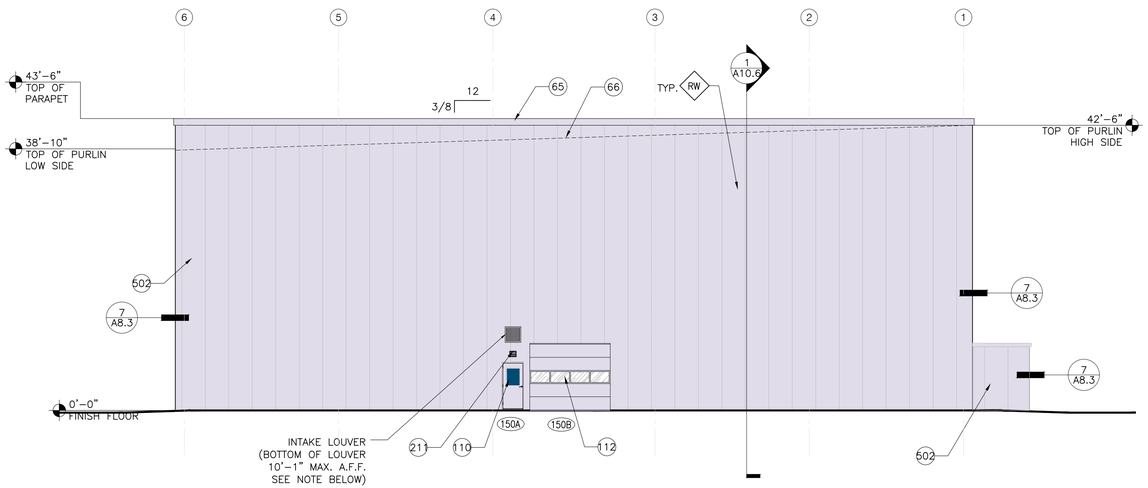
SELF-STORAGE ELEVATIONS

747074A

DRAWN:	MW	A10.3
CHECKED:	AML	
DATE:	011/03/2021	

747074_PH1 A10.1

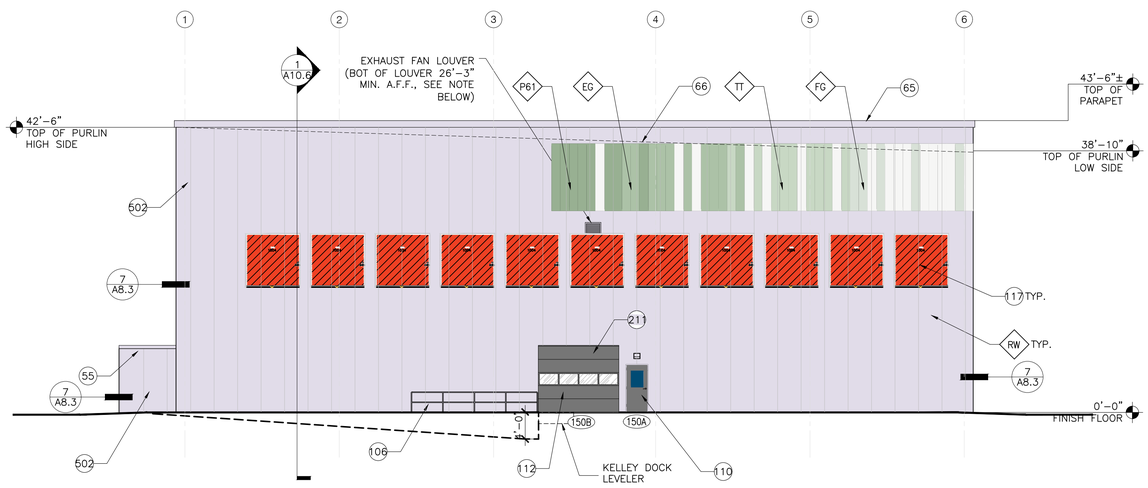
© 2021 AMERCO REAL ESTATE COMPANY



NOTE:
INSTALL INTAKE LOUVER ABOVE MAN DOOR AS LOW AS POSSIBLE. LOCATE TYPICAL ON NORTH OR EAST ELEVATION

1 NORTH ELEVATION

SCALE: 3/32"=1'-0"



NOTE:
INSTALL EXHAUST FAN LOUVER AT MAXIMUM HEIGHT ALLOWABLE. LOCATE TYPICAL ON SOUTH OR WEST ELEVATION

2 SOUTH ELEVATION

SCALE: 3/32"=1'-0"

55. LOW EAVE DRIP-EDGE TRIM
56. RAKE SIDE TRIM
57. BUTLER DOUBLE LOCKING STANDING SEAM ROOF
65. PRE-FINISHED PARAPET CAP
66. ROOF LINE, FLOOR LINE OR WALL BEYOND
106. PAINTED STEEL HANDRAIL – BY CONTRACTOR
110. SIDE-HINGED H.M. DOOR – SEE DOOR SCHEDULE
112. SECTIONAL OVERHEAD DOOR – SEE DOOR SCHEDULE
117. EXTERIOR APPLIED IMAGING ADDITIONAL SUB-FRAMING MAY BE REQUIRED, COORDINATE WITH UHI DESIGN DRAWINGS (DSD) AND OWNERS REPRESENTATIVE.
211. WALL-MOUNTED LIGHT FIXTURE – SEE ELECTRICAL
237. STOREFRONT GLAZING – SEE WINDOW TYPE SCHEDULE
502. VERTICAL ATAS ISLOLEREN IM INSULATED METAL PANEL (IMP)

KEY NOTES

- P61 — SHERWIN WILLIAMS 6451 – NURTURE GREEN
- EG — SHERWIN WILLIAMS 6450 – EASY GREEN
- FG — SHERWIN WILLIAMS 6455 – FLEETING GREEN
- TT — SHERWIN WILLIAMS 6449 – TOPIARY TINT
- RW — REGAL WHITE III

NOTE: REFER TO UHI DESIGN DRAWING (DSD) FOR ADDITIONAL INFORMATION.

COLOR LEGEND

SHEET NOTES:

REFER TO SHEET A7.1 FOR DOOR TYPES AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTER LINE OF OPENING.

REFER TO U-HAUL INTERNATIONAL STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 38008 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

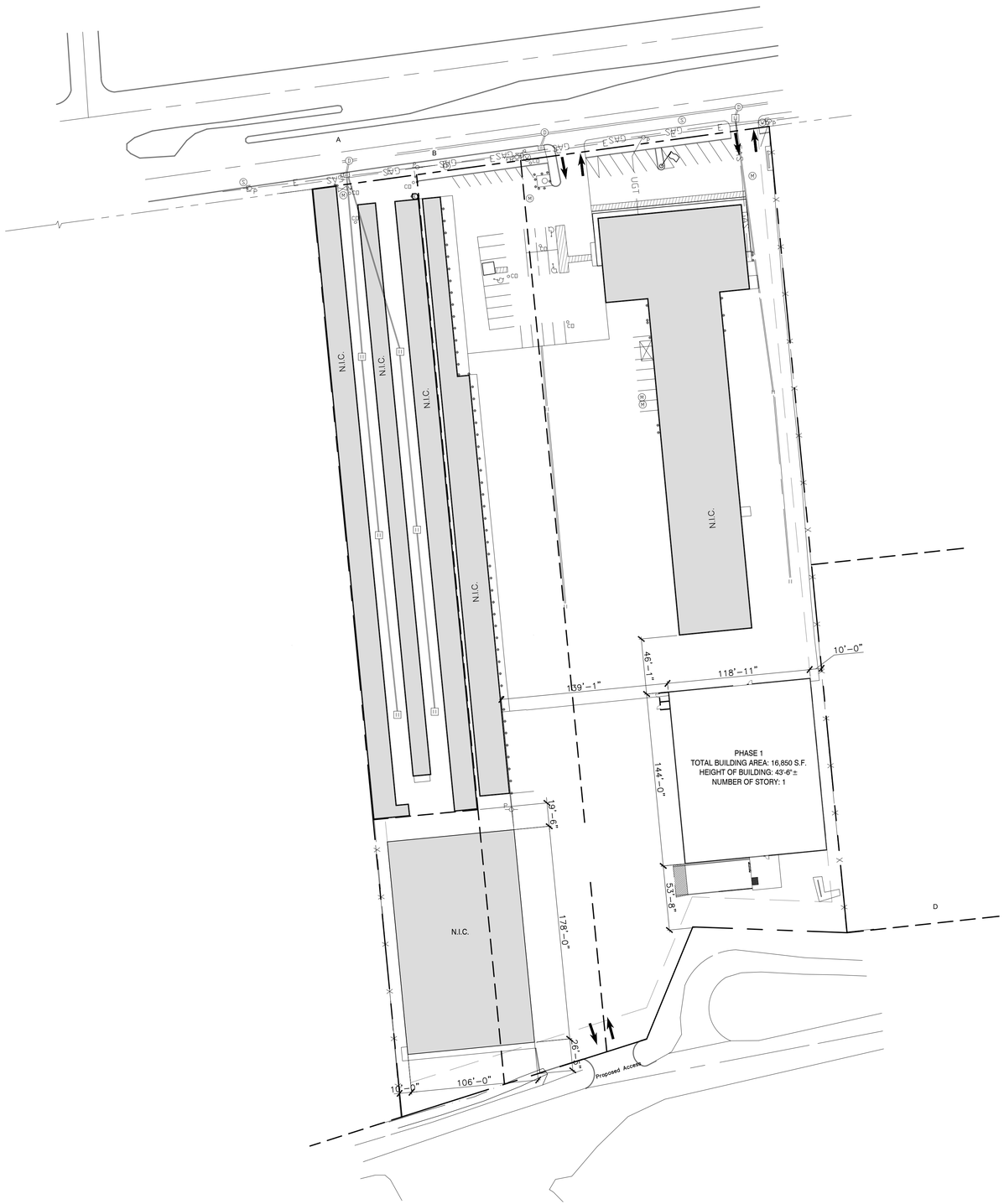
SHEET CONTENTS:
SELF-STORAGE ELEVATIONS

747074A

DRAWN:	MW	A10.4
CHECKED:	AML	
DATE:	011/03/2021	

747074_PH1 A10.1

© 2021 AMERCO REAL ESTATE COMPANY



1 BUILDING SITE PLAN

SCALE: 1" = 50'-0"

1. COORDINATE WITH RICH BARANSKI AT (602) 263-6502 EXT. 516801 OR ERIC TAYLOR EXT. 516802. FOR ALL LOW VOLTAGE CONDUIT RUNS AND POWER REQUIREMENTS FOR COMMUNICATION CLOSETS.
2. ALL LOW VOLTAGE UNDERGROUND & POWER REQUIREMENTS TO BE INCLUDED IN THE GENERAL CONTRACTORS FINAL BID PROPOSAL.
3. REFER TO CIVIL DRAWINGS FOR ADDITIONAL SITE DIMENSIONS, INFORMATION AND PARKING DIMENSIONS.

PLAN NOTES

N.I.C. – EXISTING AS-IS, NOT IN CONTRACT

KEYNOTES

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 35806 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

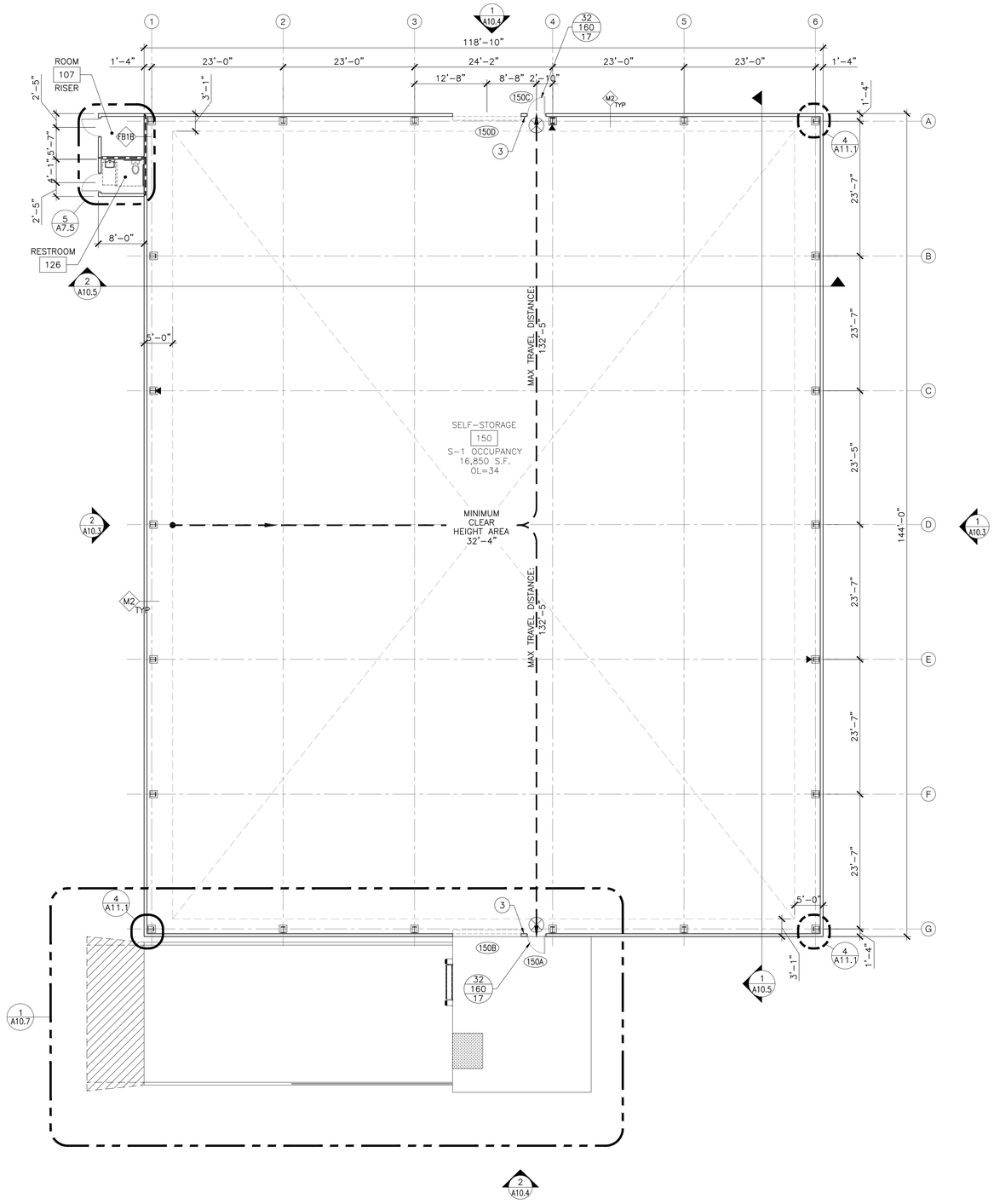
SHEET CONTENTS:
BUILDING SITE PLAN

747074A

DRAWN:	MW	A1.1
CHECKED:	AML	
DATE:	011/03/2021	

747074_PH1 A1.1

© 2021 AMERCO REAL ESTATE COMPANY



1 DIMENSION AND EGRESS FLOOR PLAN

SCALE: 3/32"=1'-0"

1. THE PATH OF EXIT TRAVEL TO EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF I.F.C. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATED, AS NECESSARY, TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET (30480 MM) FROM THE NEAREST VISIBLE SIGN.
2. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5-FOOT-CANDLES (54") FROM EITHER OF TWO ELECTRIC LAMPS. INTERNALLY ILLUMINATED SIGNS SHALL PROVIDE EQUIVALENT LUMINANCE AND BE LISTED FOR THE PURPOSE.
3. THE EXIT SIGNS SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM FROM STORAGE BATTERIES, UNIT EQUIPMENT AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE.
4. ANY TIME A BUILDING OR PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT THE INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES OF ELECTRICAL SUPPLY.
5. PROVIDE TACTILE EXIT SIGNS IMMEDIATELY ADJACENT TO THE DOOR ON THE STRIKE SIDE AT 60" ABOVE FINISHED FLOOR, SO THAT THEY ARE FULLY VISIBLE WHEN THE DOOR IS IN AN OPEN OR CLOSED POSITION IN THE FOLLOWING LOCATIONS:
   - A. EACH GRADE LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD, "EXIT."
   - B. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS ON A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
     1. "EXIT STAIR DOWN"
     2. "EXIT RAMP DOWN"
     3. "EXIT STAIR UP"
     4. "EXIT RAMP UP"
   - C. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE."
   - D. EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR HALLWAY THAT IS REQUIRED TO HAVE VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE."
6. PROVIDE A MINIMUM OF (1) 2A-10B:C FIRE EXTINGUISHER PER 3,000 SQUARE FEET OF FLOOR AREA WITH A MAXIMUM TRAVEL DISTANCE OF 75 FEET, MOUNTED IN AN ACCESSIBLE LOCATION.
7. LOCATE FIRE EXTINGUISHERS AT A MAX. TRAVEL DISTANCE OF 75'-0" APART OR PER THE DIRECTION OF THE FIRE MARSHAL. EXTINGUISHER LOCATIONS ARE NOTED BY PLAN SYMBOL.
8. PROVIDE A KNOX BOX AND FIRE RISER ROOM SIGNAGE AT THE FIRE SPRINKLER RISER ROOM.
9. SEE FLOOR PLANS FOR WALL INFORMATION AND FIRE RESISTANCE RATING.

FIRE EXTINGUISHER – FINAL LOCATION AND QUANTITY TO BE FIELD VERIFIED

EXIT SIGNS

PATH OF EGRESS TRAVEL

1-HOUR FIRE RATED BARRIER

(1) NO EXIT – EXISTING DOOR MAINTAINED IN A CLOSED AND LOCKED POSITION

(2) TACTILE EXIT SIGN LOCATION

(3) TACTILE ACCESSIBLE EXIT SIGN LOCATION SEE T3.1A FOR MORE INFORMATION

WIDTH — CLEAR WIDTH
CAP — MAXIMUM EXIT CAPACITY
ACT — ACTUAL EXIT CAPACITY

TRAVEL DISTANCE ALLOWED: SEE T1.1

MAXIMUM TRAVEL DISTANCE: 132'-5"

EGRESS NOTES AND SYMBOLS

WALL TYPE NOTES

1. ALL WALL AND ROOF INSULATION INFORMATION SHALL BE PER ENERGY CODE ANALYSIS ON T1.1, UNLESS NOTED OTHERWISE.
2. SEE ENERGY CODE ANALYSIS ON T1.1 FOR VAPOR AND AIR BARRIER REQUIREMENTS AND LOCATION.

FB1B — 6" 16 GA. METAL STUDS PER STRUCTURAL DRAWINGS (24" O.C. MAX) WITH 5/8" TYPE X G.W.B. EA SIDE TO STRUCTURE ABOVE WITH INSULATION AND VAPOR/AIR BARRIERS PER WALL TYPE NOTES; 1 HOUR FIRE-RESISTANCE RATED PER UL DESIGN NO. U425.

M2 — HORIZONTAL METAL GIRTS PER STRUCTURAL DRAWINGS WITH INSULATION AND VAPOR/AIR BARRIER PER WALL TYPE NOTES.

R1 — 6" METAL STUDS AT 24" O.C. WITH 5/8" MOISTURE RESISTANT (M.R.) TYPE X G.W.B. EACH SIDE AND INSULATION PER NOTE 1. 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6 TO STRUCTURE ABOVE.

SV — 6" METAL STUDS PER STRUCTURAL DRAWINGS. STUDS SHALL SPAN VERTICAL.

TYPICAL WALL TYPE LIST/PLAN NOTES

SHEET NOTES:

STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THIS SHEET.

REFER TO SHEET A7.1 FOR DOOR TYPES AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTER LINE OF OPENING.

ALL DOCK FRAMING SHALL BE GALVANIZED.

REFER TO U-HAUL INTERNATIONAL STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER-NO SUBSTITUTIONS

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 30316 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
ARCHITECTURE + DESIGN
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

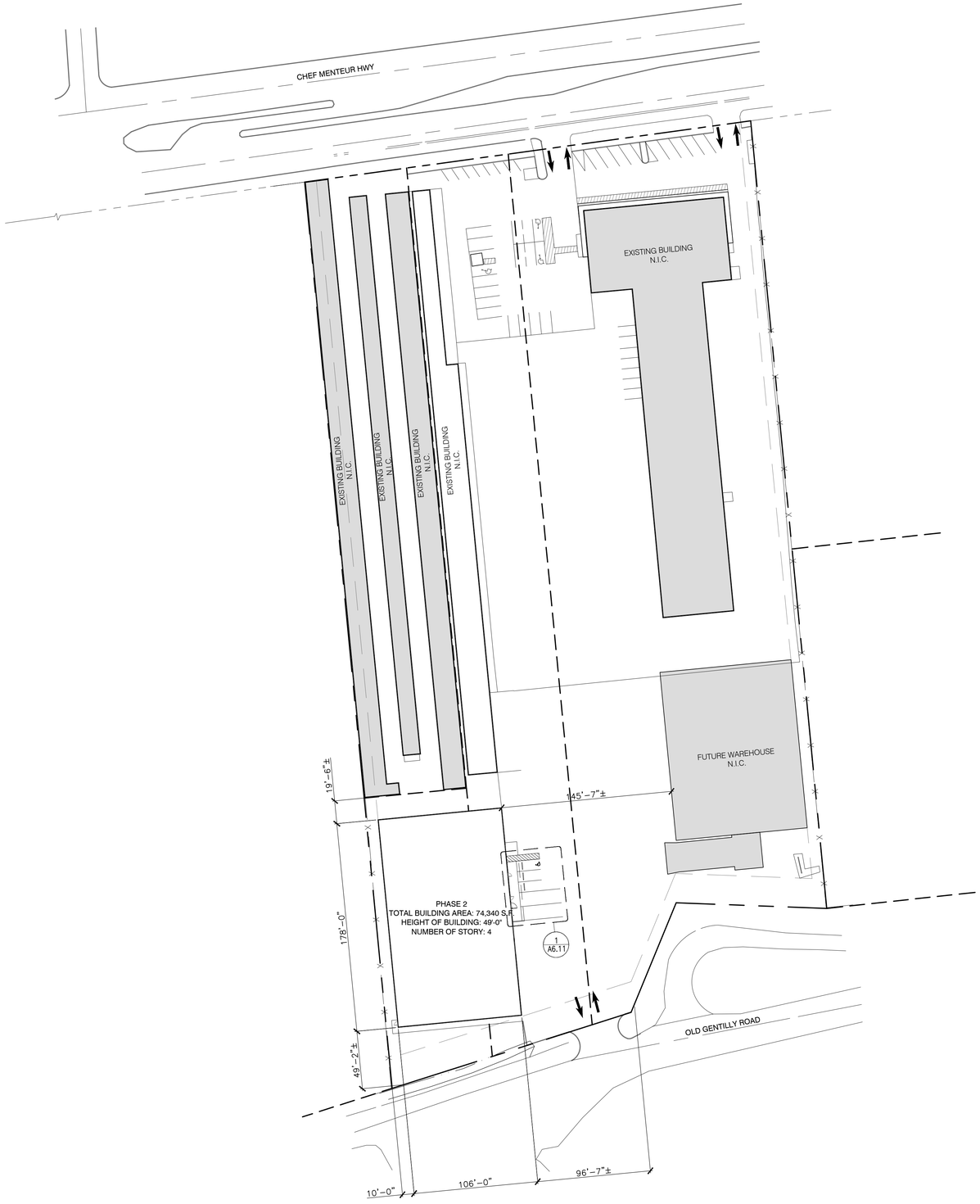
SHEET CONTENTS:
SELF-STORAGE FLOOR AND EGRESS PLANS

747074A

DRAWN:	MW	A10.1
CHECKED:	AML	
DATE:	011/03/2021	

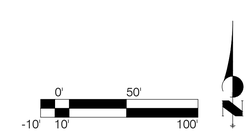
747074_PH1 A10.1

© 2021 AMERCO REAL ESTATE COMPANY



1 BUILDING SITE PLAN

SCALE: 1" = 50'-0"



1. COORDINATE WITH RICH BARANSKI AT (602) 263-6502 EXT. 516801 OR ERIC TAYLOR EXT. 516802. FOR ALL LOW VOLTAGE CONDUIT RUNS AND POWER REQUIREMENTS FOR COMMUNICATION CLOSETS.
2. ALL LOW VOLTAGE UNDERGROUND & POWER REQUIREMENTS TO BE INCLUDED IN THE GENERAL CONTRACTORS FINAL BID PROPOSAL.
3. REFER TO CIVIL DRAWINGS FOR ADDITIONAL SITE DIMENSIONS, INFORMATION AND PARKING DIMENSIONS.

N.I.C. – EXISTING AS-IS, NOT IN CONTRACT

PLAN NOTES

KEYNOTES

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III
REG. No. 5908
STATE OF LOUISIANA
REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
ARCHITECTURE, LLC

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage
of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

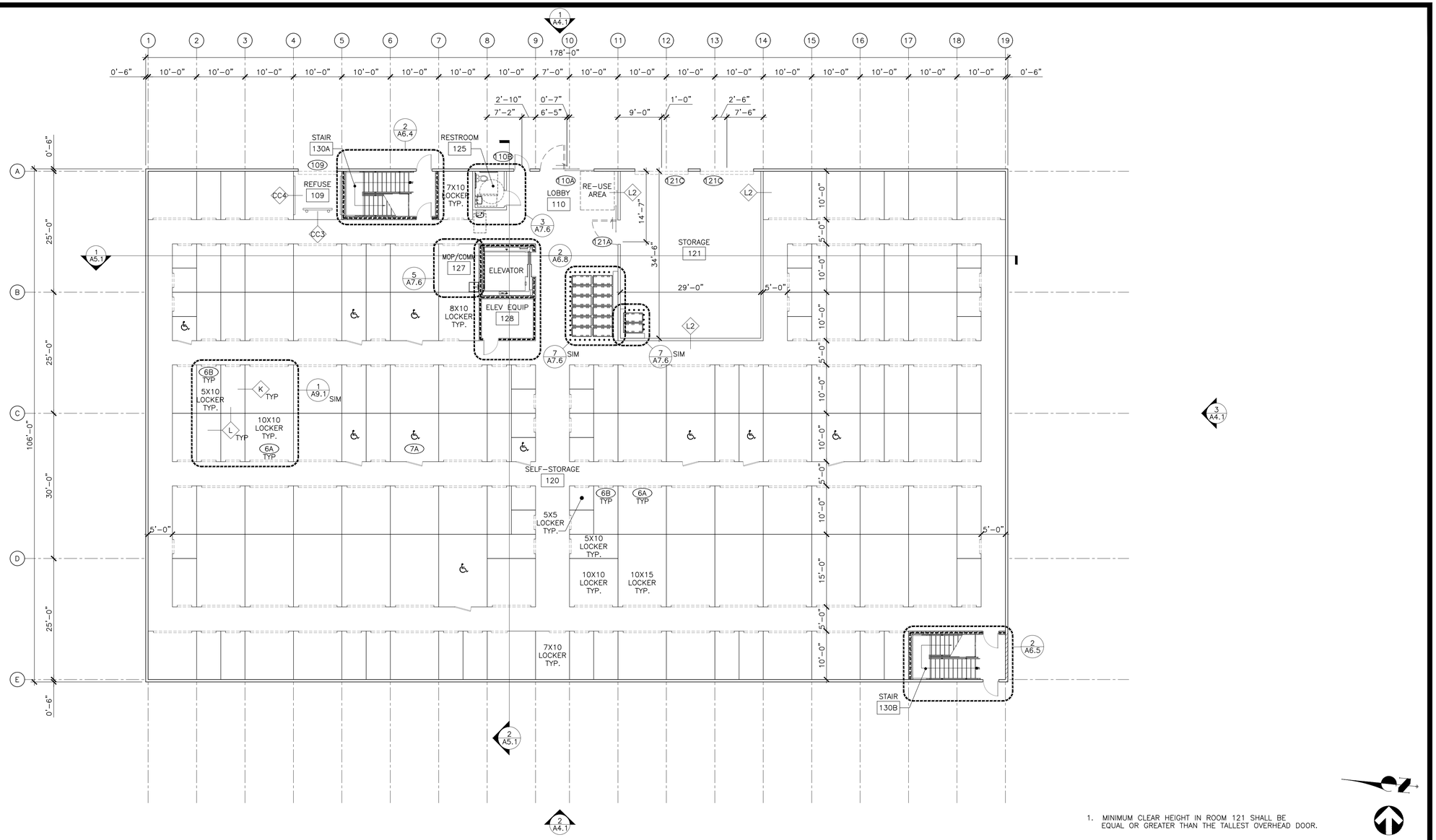
SHEET CONTENTS:
BUILDING
SITE PLAN

747074B

DRAWN:	JP	A1.2
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 A1.2

© 2021 AMERCO REAL ESTATE COMPANY



1. MINIMUM CLEAR HEIGHT IN ROOM 121 SHALL BE EQUAL OR GREATER THAN THE TALLEST OVERHEAD DOOR.

1 FIRST FLOOR LOCKER PLAN

SCALE: 3/32" = 1'-0"

TYPICAL WALL TYPE LIST

CC3 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND D-PANEL OTHER SIDE; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

CC2 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI D-PANEL BOTH SIDES; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

G — 8" CMU WALL PER STRUCTURAL DRAWINGS; FIRE-RESISTANCE RATED UL ASSEMBLY PER NOTE 5.

H — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE TO STRUCTURE ABOVE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

H1 — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

J1 — 3-5/8" METAL STUDS AT 24" O.C. WITH SINGLE LAYER 5/8" G.W.B. INTERIOR SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; UNFACED R-13 BATT INSULATION AT ALL RESTROOM WALLS TO STRUCTURE ABOVE; PROVIDE M.R. G.W.B. PER NOTE 1

K — LOAD BEARING LOCKER PARTITION. 4"x2-1/2" STEEL CEE STUD POSTS WITH MBCI U-PANEL ONE SIDE (TYP.) (REFER TO STRUCTURAL DRAWINGS FOR GAUGE AND SPACING)

L — NON-LOAD BEARING LOCKER PARTITION. 2-1/2"x1-5/8" CEE STUDS AT 5'-0" O.C. WITH MBCI U-PANEL ONE SIDE. PREFINISHED MBCI D-PANEL AT AISLES.

L2 — COLD FORMED METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND MBCI D-PANEL AND KICK PLATE OTHER SIDE. WALL PANEL EA SIDE TO BE HELD 10" BELOW STRUCTURE/CEILING ASSEMBLY ABOVE.
STUD SIZE SHALL BE AS FOLLOWS:
UP TO 15 FEET = 3 5/8" x 1 5/8" x 18GA
UP TO 20 FEET = 6" x 1 5/8" x 18GA
UP TO 25 FEET = 6' x 2" x 18GA

R — 6" METAL STUDS AT 24" O.C. WITH 5/8" MOISTURE RESISTANT (M.R.) G.W.B. EACH SIDE PER NOTE 1 TO STRUCTURE ABOVE.

NOTES

1. WATER-RESISTANT GYPSUM WALL BOARD TO BE USED AT WET LOCATIONS (VERIFY LOCATIONS BASED ON PLUMBING WALLS AND PLUMBING FIXTURES AS SHOWN ON THE BUILDING FLOOR PLANS.)
2. PREFINISHED D-PANEL TO APPLIED OVER ALL GYPSUM WALL BOARD AT METAL STUD WALL TYPES THAT OCCUR AT AISLES (VERIFY LOCATIONS AS SHOWN ON THE BUILDING FLOOR PLANS.)
3. 5 1/2 INCHES EQUIVALENT THICKNESS – 2 HOURS FIRE-RESISTANCE RATING (MAX) PER IBC CHAPTER 7.
4. 8 INCHES EQUIVALENT THICKNESS, – 3 HOUR FIRE-RESISTANCE RATED PER IBC CHAPTER 7.
5. 7 5/8 INCHES EQUIVALENT THICKNESS – 3 HOUR FIRE-RESISTANCE RATING WHEN FULLY GROUTED, PER IBC CHAPTER 7 OR UL DESIGN NO. U935 SYSTEM B EQUIVALENT.
6. NON-LOAD BEARING – 2 HOUR FIRE-RESISTANCE UL ASSEMBLY RATING PER GENERIC ASSEMBLY GYPSUM ASSOCIATION FILE NUMBER WP-1072 OR IBC CHAPTER 7. UL DESIGN NO. V497 CAN BE UTILIZED AS AN ALTERNATE ASSEMBLY.
7. ALL WALL AND ROOF INSULATION INFORMATION SHALL BE PER ENERGY CODE ANALYSIS ON T1.2 UNLESS NOTED OTHERWISE.
8. SEE ENERGY CODE ANALYSIS ON T1.2 FOR VAPOR AND AIR BARRIER REQUIREMENTS AND LOCATION.

SHEET NOTES:

REFER TO SHEET A2.1 FOR WALL TYPES AND RELATED NOTES.

REFER TO SHEET A7.3 FOR DOOR TYPES AND RELATED NOTES.

REFER TO SHEET A7.4 FOR WINDOW TYPES, FINISH SCHEDULE, AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTERLINE OF ROUGH OPENING.

REFER TO U-HAUL INTERNATIONAL (UHI) STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS AND FINAL COLOR SELECTION.

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER-NO SUBSTITUTIONS.

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 5808 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
ARCHITECTURE | DESIGN
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

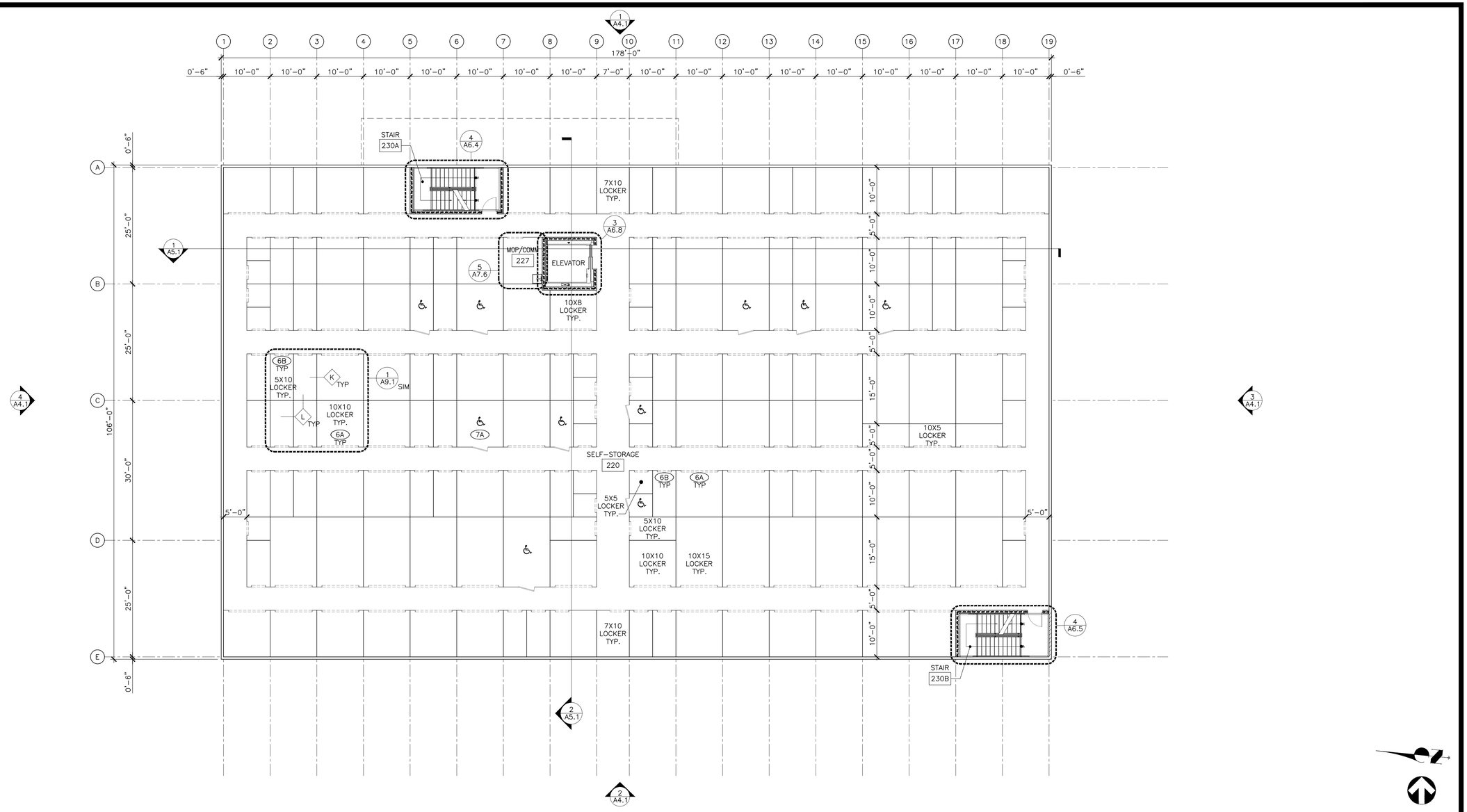
SHEET CONTENTS:
FIRST FLOOR LOCKER PLAN

747074B

DRAWN:	JP	A2.1
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 A2.1

© 2021 AMERCO REAL ESTATE COMPANY



1 SECOND FLOOR LOCKER PLAN

SCALE: 3/32" = 1'-0"

TYPICAL WALL TYPE LIST

CC3 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND D-PANEL OTHER SIDE; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

CC2 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI D-PANEL BOTH SIDES; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

G — 8" CMU WALL PER STRUCTURAL DRAWINGS; FIRE-RESISTANCE RATED UL ASSEMBLY PER NOTE 5.

H — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE TO STRUCTURE ABOVE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

H1 — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

J1 — 3-5/8" METAL STUDS AT 24" O.C. WITH SINGLE LAYER 5/8" G.W.B. INTERIOR SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; UNFACED R-13 BATT INSULATION AT ALL RESTROOM WALLS TO STRUCTURE ABOVE; PROVIDE M.R. G.W.B. PER NOTE 1

K — LOAD BEARING LOCKER PARTITION. 4"x2-1/2" STEEL CEE STUD POSTS WITH MBCI U-PANEL ONE SIDE (TYP.) (REFER TO STRUCTURAL DRAWINGS FOR GAUGE AND SPACING)

L — NON-LOAD BEARING LOCKER PARTITION. 2-1/2"x1-5/8" CEE STUDS AT 5'-0" O.C. WITH MBCI U-PANEL ONE SIDE. PREFINISHED MBCI D-PANEL AT AISLES.

L2 — COLD FORMED METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND MBCI D-PANEL AND KICK PLATE OTHER SIDE. WALL PANEL EA SIDE TO BE HELD 10" BELOW STRUCTURE/CEILING ASSEMBLY ABOVE.
STUD SIZE SHALL BE AS FOLLOWS:
UP TO 15 FEET = 3 5/8" x 1 5/8" x 18GA
UP TO 20 FEET = 6" x 1 5/8" x 18GA
UP TO 25 FEET = 6" x 2" x 18GA

R — 6" METAL STUDS AT 24" O.C. WITH 5/8" MOISTURE RESISTANT (M.R.) G.W.B. EACH SIDE PER NOTE 1 TO STRUCTURE ABOVE.

NOTES

1. WATER-RESISTANT GYPSUM WALL BOARD TO BE USED AT WET LOCATIONS (VERIFY LOCATIONS BASED ON PLUMBING WALLS AND PLUMBING FIXTURES AS SHOWN ON THE BUILDING FLOOR PLANS.)
2. PREFINISHED D-PANEL TO APPLIED OVER ALL GYPSUM WALL BOARD AT METAL STUD WALL TYPES THAT OCCUR AT AISLES (VERIFY LOCATIONS AS SHOWN ON THE BUILDING FLOOR PLANS.)
3. 5 1/2 INCHES EQUIVALENT THICKNESS – 2 HOURS FIRE-RESISTANCE RATING (MAX) PER IBC CHAPTER 7.
4. 8 INCHES EQUIVALENT THICKNESS, – 3 HOUR FIRE-RESISTANCE RATED PER IBC CHAPTER 7.
5. 7 5/8 INCHES EQUIVALENT THICKNESS – 3 HOUR FIRE-RESISTANCE RATING WHEN FULLY GROUTED, PER IBC CHAPTER 7 OR UL DESIGN NO. U935 SYSTEM B EQUIVALENT.
6. NON-LOAD BEARING – 2 HOUR FIRE-RESISTANCE UL ASSEMBLY RATING PER GENERIC ASSEMBLY GYPSUM ASSOCIATION FILE NUMBER WP-1072 OR IBC CHAPTER 7. UL DESIGN NO. V497 CAN BE UTILIZED AS AN ALTERNATE ASSEMBLY.
7. ALL WALL AND ROOF INSULATION INFORMATION SHALL BE PER ENERGY CODE ANALYSIS ON T1.2 UNLESS NOTED OTHERWISE.
8. SEE ENERGY CODE ANALYSIS ON T1.2 FOR VAPOR AND AIR BARRIER REQUIREMENTS AND LOCATION.

SHEET NOTES:

REFER TO SHEET A2.1 FOR WALL TYPES AND RELATED NOTES.

REFER TO SHEET A7.3 FOR DOOR TYPES AND RELATED NOTES.

REFER TO SHEET A7.4 FOR WINDOW TYPES, FINISH SCHEDULE, AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTERLINE OF ROUGH OPENING.

REFER TO U-HAUL INTERNATIONAL (UHI) STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS AND FINAL COLOR SELECTION.

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER-NO SUBSTITUTIONS.

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 35806 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
Architecture | Design

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
SECOND FLOOR LOCKER PLAN

747074B

DRAWN:	JP	A2.2
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 A2.1

© 2021 AMERCO REAL ESTATE COMPANY

UHAUL INTERNATIONAL

U-HAUL MOVING & STORAGE OF GENTILLY - PHASE 1
6210 CHEF MENTEUR HWY
NEW ORLEANS, LA 70126

AERIAL MAP

NATIONAL ACCOUNTS

BUTLER MANUFACTURING
Contact: Mike Coffey
mdcoffey@butlermfg.com

CLOPAY BUILDING PRODUCTS
Contact: Chris Remick
cremick@clopay.com

GRAYBAR
Contact: Bruce Ledgerwood
bruce.ledgerwood@graybar.com

FABRIC DUCT MANUFACTURER
Air Distribution Concepts
Contact: Chris Pavlatos
cpav@adctubes.com

JANUS INTERNATIONAL
Contact: Madison Curtis
madisonc@janusintl.com

MBCI (STORAGE MATERIAL)
Contacts: Rachel Morgan & Chris Roberts
rachel.castro@mbci.com
christopher.roberts@mbci.com

METALSPAN (MBCI INSULATED METAL PANEL)
Contacts: Brian Garry & Cristina Carrillo
brian.garry@metlspan.com
cristina.carrillo@mbci.com

SHERWIN–WILLIAMS
Contact: Micheal Koncilja
michael.j.koncilja@sherwin.com

STANLEY ACCESS TECH.
Contact: Bill Gerardin
william.gerardin@sbdinc.com

TRANE
Contact: Chad Barnett
chad.barnett2@trane.com

PROJECT TEAM

OWNER:
AMERCO REAL ESTATE
2727 N CENTRAL AVE
PHOENIX, AZ 85004
(602) 263–6502

ARCHITECTURAL/STRUCTURAL:
AMERCO REAL ESTATE
2727 N CENTRAL AVE
PHOENIX, AZ 85004
(602) 263–6502

MECH/ELECT/PLUMB
AMERICAN FLOWTECH
3385 N. NEVADA ST.
CHANDLER, AZ 85225
(480)566–8300

PERMIT APPLICANT:
UHC OF SOUTHERN LOUISANA
6210 CHEF MENTEUR HWY
NEW ORLEANS, LA 70216

LEGEND

- (X) GRID LINE
- (#) KEYNOTE
- (1) DOOR TYPE
- (1) WINDOW TYPE
- (A) COLOR/FINISH
- (X) WALL TYPE
- [1] PLAN NOTES
- N.T.S. DRAWING IS NOT TO SCALE
- TRUE NORTH (CIVIL DRAWINGS)
- PLAN NORTH (ARCHITECTURAL DRAWINGS)

BUILDING SECTION DETAIL SYMBOL
OBSERVATION DIRECTION FOR SECTION
SECTION DESIGNATION
LOCATION OF SECTION DETAIL (SHEET)
GENERAL AREA OF "CUT" FOR SECTION

WALL SECTION DETAIL SYMBOL
OBSERVATION DIRECTION FOR SECTION
SECTION DESIGNATION
LOCATION OF SECTION DETAIL (SHEET)
GENERAL AREA OF "CUT" FOR SECTION

ELEVATION DETAIL SYMBOL
OBSERVATION DIRECTION FOR ELEVATION
ELEVATION DESIGNATION
LOCATION OF ELEVATION DETAIL (SHEET)

INTERIOR ELEVATION DETAIL SYMBOL
OBSERVATION DIRECTION FOR ELEVATION
LOCATION OF ELEVATION DETAIL (SHEET)

ENLARGED PLAN SYMBOL
ENLARGED PLAN DESIGNATION
LOCATION OF ENLARGED PLAN (SHEET)

DETAIL SYMBOL
DETAIL DESIGNATIONS
LOCATION OF DETAIL (SHEET)

PROJECT DESCRIPTION

NEW SELF–STORAGE BUILDING.

GOVERNING BUILDING CODES

BUILDING:	2015 INTERNATIONAL BUILDING CODE
ENERGY:	2015 INTERNATIONAL ENERGY CONSERVATION CODE
FUEL GAS:	2015 INTERNATIONAL FUEL GAS CODE
PLUMBING:	2015 INTERNATIONAL PLUMBING CODE
MECHANICAL:	2015 INTERNATIONAL MECHANICAL CODE
ELECTRICAL:	2014 NATIONAL ELECTRICAL CODE
FIRE:	2015 NFPA 101
ACCESSIBILITY:	ADAAG 2010
OTHER:	SEE LOCAL AMENDMENTS FOR ADDITIONAL INFORMATION

JURISDICTION

NAME:	CITY OF NEW ORLEANS SAFETY & PERMITS
ADDRESS:	1300 PERDIDO ST, NEW ORLEANS, LA 70112
PHONE:	(504) 685–7100

DEFERRED SUBMITTALS:

- AUTOMATIC FIRE SPRINKLER SYSTEM. DESIGN/BUILDING BY LOCAL CONTRACTOR AND LOCAL FIRE SPRINKLER INSTALLER. UHI OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR TO PROCURE. SEE FIRE SPRINKLER DEFERRED NOTES ON PLUMBING DRAWINGS AND UHI SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- FIRE ALARM AND DETECTION SYSTEM. DESIGN/BUILDING BY LOCAL CONTRACTOR AND LOCAL FIRE ALARM AND DETECTION SYSTEM INSTALLER. UHI OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR TO PROCURE. SEE FIRE ALARM DEFERRED NOTES ON ELECTRICAL DRAWINGS AND UHI SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PRE–ENGINEERED METAL BUILDING SYSTEM. DESIGN/BUILDING BY LOCAL CONTRACTOR AND LOCAL PRE–ENGINEERED METAL BUILDING INSTALLER. UHI OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR TO PROCURE. SEE PRE–ENGINEERED METAL BUILDING NOTES ON STRUCTURAL DRAWINGS AND UHI SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SPECIAL INSPECTIONS:

CAST IN PLACE CONCRETE
STRUCTURAL STEEL CONSTRUCTION
COLD–FORMED STEEL CONSTRUCTION
ANCHOR BOLTS IN PRE–DRILLED HOLES IN EXISTING CONCRETE OR CONCRETE MASONRY
DEEP FOUNDATIONS

BUILDING CODE ANALYSIS:

							COMMENTS / CODE REFERENCE
OCCUPANCY GROUP(S)	SINGLE OCCUPANCY STORAGE – S–1 STORAGE						CHAPTER 3, SECTION 508 RM 150
CONSTRUCTION TYPE	II–B						CHAPTER 6
BUILDING HEIGHT / AREA			ACTUAL	ALLOWED			
	STORIES		1	3			TABLE 504.4
	HEIGHT (FT)		43.5	75			TABLE 504.3
	AREA (SF / FLOOR)		ACTUAL	ALLOWED			SECTION 506
	BUILDING		16,850	77,731			RM 150
FIRE PREVENTION	FIRE SPRINKLER(S)	PROVIDED THROUGHOUT					SECTION 903
	FIRE EXTINGUISHER(S)	PROVIDED THROUGHOUT					SECTION 906
	FIRE ALARM(S)	PROVIDED THROUGHOUT					SECTION 907
	FIRE DEPT. CONNECTION	CONNECT TO EXISTING					SECTION 912
EGRESS OCCUPANT LOAD	LOCATION		AREA	FACTOR	OCCUPANTS		SECTION 1004
	BUILDING		16,850	500	34		RM 150
EGRESS ILLUMINATION	1 FOOTCANDLE (11 LUX) AVERAGE AND 0.1 FOOTCANDLE (1 LUX) MINIMUM						SECTION 1008 AND 2702
EXIT ACCESS	OCCUPANCY:		S–1(S)				
	COMMON PATH OF EGRESS TRAVEL (FT)		100				TABLE 1006.2.1
	EXIT ACCESS TRAVEL DISTANCE (FT)		250				TABLE 1017.2
	MAX DEAD END CORRIDOR (FT)		50				SECTION 1020.4
REQUIRED PLUMBING FIXTURES		OCCU–PANTS	WATER CLOSET	LAVA–TORIES	DRINKING FOUNTAIN	SERVICE SINK	IPC TABLE 403.1 AND SECTION 403.2
	STORAGE (S–1)	34	NOT FOR PUBLIC UTILIZATION				

ENERGY CODE ANALYSIS:

			COMMENTS / CODE REFERENCE
BUILDING ENVELOPE REQUIREMENTS	CLIMATE ZONE	2A	BUILDING THERMAL ENVELOPE CONFORMS TO THE ENVELOPE REQUIREMENTS OF THIS TABLE, UNLESS OTHERWISE SPECIFIED ON THE IECC REPORT ON T4. SERIES SHEETS.
	INSULATION		
	ROOF	R–19+R–12LS W/ R–5 THERM. BLKS	
	WALLS ABOVE GRADE		
	METAL BUILDING	R–18ci	
	S.O.G. (UNHEATED)	NOT REQUIRED	
	OPAQUE DOORS		
	SWINGING	U–0.61	
	NON–SWINGING	R–4.75	
	VAPOR BARRIER	NOT REQUIRED	SECTION 1405.3
	AIR BARRIER	NOT REQUIRED	SECTION C402.5

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH ALL 1833 EGG HARBOR RD, LLC'S REQUIREMENTS PRIOR TO BIDDING AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THOSE REQUIREMENTS.
3. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/1833 EGG HARBOR RD, LLC REPRESENTATIVE OF ANY DISCREPANCIES.
4. ITEMS NOT INDICATED IN THESE DOCUMENTS THAT CAN BE LEGITIMATELY AND REASONABLY INFERRED TO COMPLETE THE WORK AT HAND SHALL BE FURNISHED BY THE CONTRACTOR AS THOUGH IT WERE DETAILED HEREIN. CHANGE REQUESTS FOR SAID ITEMS WILL NOT BE APPROVED.
5. DRAWINGS SHALL BE DISTRIBUTED TO SUB–CONTRACTORS IN COMPLETE SETS AS INDICATED BY THE SHEET INDEX. GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING SUB–CONTRACTORS BID ON ALL ITEMS ASSOCIATED WITH THEIR RESPECTIVE TRADES.
6. THE CONTRACTOR WILL INSPECT THE PREMISES PRIOR TO BIDDING TO VERIFY EXISTING WORKING CONDITIONS; SHOULD CONDITIONS BE IDENTIFIED WHICH ARE BELIEVED TO IMPEDE INTENDED WORK, THEN SUCH CONDITIONS MUST BE DOCUMENTED AND REPORTED IMMEDIATELY TO ARCHITECT/1833 EGG HARBOR RD, LLC REPRESENTATIVE. FAILURE TO SO ADVISE WILL CONSTITUTE NOTICE THAT CONTRACTOR IS FULLY SATISFIED WITH THE EXISTING CONDITIONS AND INTENDS TO PERFORM PER BID WITH NO ALLOWANCE EITHER IN TIME OR MONEY FOR ANY IMPEDIMENTS TO INTENDED WORK.
7. CONTRACTOR SHALL ISSUE WRITTEN NOTIFICATION TO ARCHITECT/1833 EGG HARBOR RD, LLC REPRESENTATIVE OF ANY DISCREPANCIES AND FOLLOW UP IN WRITING WITHIN TWO WORKING DAYS OF INSPECTION.
8. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. IF DIMENSIONAL ERROR OCCURS OR CONDITION NOT COVERED IN THE DRAWINGS IS ENCOUNTERED, CONTRACTOR SHALL SUBMIT A CLARIFICATION REQUEST TO ARCHITECT/1833 EGG HARBOR RD, LLC REPRESENTATIVE AND OBTAIN RESOLUTION BEFORE COMMENCING THAT PORTION OF THE WORK.
9. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS UNLESS HEREINAFTER SPECIFIED TO THE CONTRARY.
10. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND/OR INSTALLATION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
11. DIMENSIONS TAKE PRECEDENCE OVER SCALE ON CONSTRUCTION DOCUMENTS.
12. ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER, ACCEPTABLE TO OWNER.
13. WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, THE WORK SHALL BE PROVIDED IN ACCORDANCE WITH GENERAL NOTES 12, 14 AND 16.
14. CONTRACTOR SHALL GUARANTEE, IN WRITING, ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
15. UNLESS OTHERWISE SPECIFICALLY NOTED, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THIS PROJECT.
16. THE CONTRACTOR WARRANTS TO 1833 EGG HARBOR RD, LLC AND ARCHITECT/1833 EGG HARBOR RD, LLC REPRESENTATIVE THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE GOOD QUALITY FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. ALL WORK NOT SO CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR NON–CONFORMING WORK OR MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED INTO THE WORK OR AT ANY TIME BEFORE OR AFTER THE FINAL ACCEPTANCE. IF REQUIRED BY THE ARCHITECT OR 1833 EGG HARBOR RD, LLC REPRESENTATIVE, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT.
17. THE WARRANTIES AND GUARANTIES REQUIRED BY THE CONSTRUCTION DOCUMENTS SHALL BE IN ADDITION TO AND NOT IN LIMITATION OF ANY OTHER WARRANTY OR GUARANTY OR REMEDY REQUIRED BY LAW OR BY THE CONSTRUCTION DOCUMENTS.
18. CONTRACTOR TO COORDINATE WITH AHJ, SPRINKLER CONTRACTOR, CIVIL ENGINEER, AND PLUMBING ENGINEER AS NEEDED FOR ALL BACKFLOW PREVENTOR REQUIREMENTS. LOCATION SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATIONS OR FABRICATION.
19. CONTRACTOR TO COORDINATE EXPANDABILITY OF ALL PRE–ENGINEERED METAL BUILDINGS (PEMB) WITH OWNER REPRESENTATIVE.

SHEET INDEX

SHEET NUMBER	SHEET NAME	SHEET NUMBER	SHEET NAME
	GENERAL		
T1.1	COVER SHEET		
T3.1A	TYPICAL ADA STANDARDS		
T4.1A	BUILDING ENVELOPE REPORT		
	ARCHITECTURAL		
A1.1	BUILDING SITE PLAN		
A7.1	DOOR SCHEDULE		
A7.2	WINDOW AND FINISH SCHEDULES		
A7.5	ENLARGED RESTROOM		
A10.1	SELF–STORAGE FLOOR & EGRESS PLAN		
A10.2	SELF–STORAGE ROOF PLAN		
A10.3	SELF–STORAGE ELEVATIONS		
A10.4	SELF–STORAGE ELEVATIONS		
A10.5	SELF–STORAGE SECTIONS		
A10.6	WALL SECTIONS		
A10.7	SELF–STORAGE SECTIONS AND ENLARGED LOADING DOCK PLAN		
A10.10	SELF–STORAGE STANDARD DOCK DETAILS		
A11.1	ARCHITECTURAL DETAILS		
	STRUCTURAL		
S1.1A	GENERAL STRUCTURAL NOTES		
S2.1A	FOUNDATION PLAN		
S7.1A	TYPICAL STRUCTURAL DETAILS		
S8.3A	STRUCTURAL FOUNDATION DETAILS		
	MECHANICAL		
M0.1.1	MECHANICAL NOTES & SPECIFICATIONS PHASE 1 BUILDING A		
M0.2.1	MECHANICAL SCHEDULES & IECC CALCULATIONS PHASE 1 BUILDING A		
M1.1.1	MECHANICAL PLAN PHASE 1 BUILDING A		
M2.1.1	MECHANICAL DETAILS PHASE 1 BUILDING A		
	PLUMBING		
P0.1.1	PLUMBING NOTES & SPECIFICATIONS PHASE 1 BUILDING A		
P1.1.1	PLUMBING PLAN PHASE 1 BUILDING A		
	ELECTRICAL		
E0.1.1	ELECTRICAL SYMBOLS & SPECIFICATIONS PHASE 1 BUILDING A		
E1.1.1	SINGLE LINE DIAGRAM & DETAILS PHASE 1 BUILDING A		
E2.1.1	POWER & SIGNAL PLAN PHASE 1 BUILDING A		
E3.1.1	LIGHTING PLAN PHASE 1 BUILDING A		
E4.1.1	PHOTOMETRIC PLAN PHASE 1 BUILDING A		
E5.1.1	HVAC, LIGHTING & PANELBOARD SCHEDULES		
E6.1.1	LIGHTING SPEC. SHEETS & IECC CALCULATIONS PHASE 1 BUILDING A		

SHEET NOTES:

REFER TO U–HAUL INTERNATIONAL STANDARD SPECIFICATIONS FOR MATERIAL, INSTALLATION AND FINISH REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS, AND FINAL COLOR SELECTION

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER–NO SUBSTITUTIONS

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III
REG. No. 38806
STATE OF LOUISIANA
REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
Architecture | Design
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U–Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

SHEET CONTENTS:

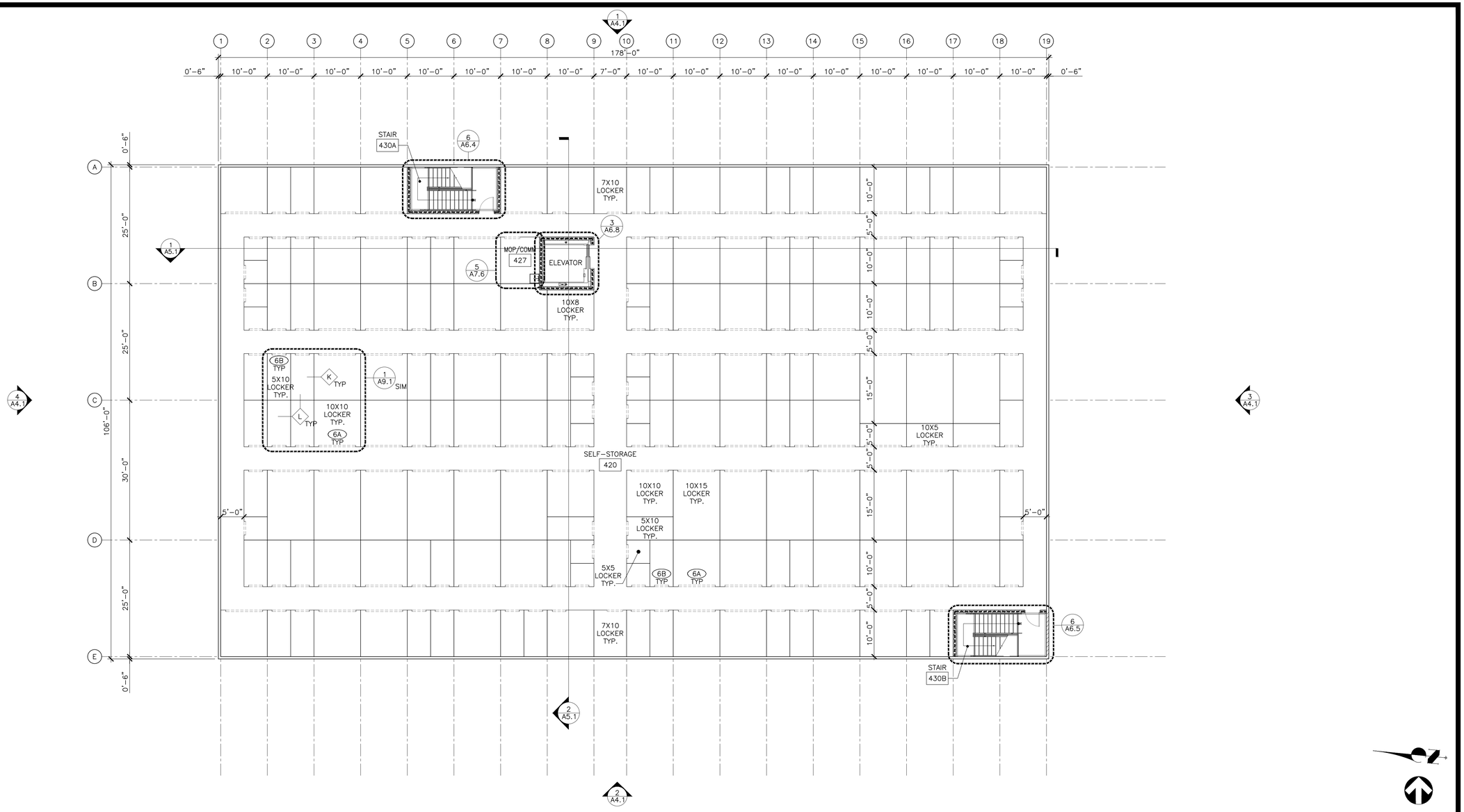
COVER SHEET

747074A

DRAWN:	MW	T1.1
CHECKED:	AML	
DATE:	011/03/2021	

747074_PH1 T1.1

© 2021 AMERCO REAL ESTATE COMPANY



1 FOURTH FLOOR LOCKER PLAN

SCALE: 3/32" = 1'-0"

TYPICAL WALL TYPE LIST

CC3 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND D-PANEL OTHER SIDE; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

CC2 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI D-PANEL BOTH SIDES; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

G — 8" CMU WALL PER STRUCTURAL DRAWINGS; FIRE-RESISTANCE RATED UL ASSEMBLY PER NOTE 5.

H — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE TO STRUCTURE ABOVE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

H1 — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

J1 — 3-5/8" METAL STUDS AT 24" O.C. WITH SINGLE LAYER 5/8" G.W.B. INTERIOR SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; UNFACED R-13 BATT INSULATION AT ALL RESTROOM WALLS TO STRUCTURE ABOVE; PROVIDE M.R. G.W.B. PER NOTE 1

K — LOAD BEARING LOCKER PARTITION. 4"x2-1/2" STEEL CEE STUD POSTS WITH MBCI U-PANEL ONE SIDE (TYP.) (REFER TO STRUCTURAL DRAWINGS FOR GAUGE AND SPACING)

L — NON-LOAD BEARING LOCKER PARTITION. 2-1/2"x1-5/8" CEE STUDS AT 5'-0" O.C. WITH MBCI U-PANEL ONE SIDE. PREFINISHED MBCI D-PANEL AT AISLES.

L2 — COLD FORMED METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND MBCI D-PANEL AND KICK PLATE OTHER SIDE. WALL PANEL EA SIDE TO BE HELD 10" BELOW STRUCTURE/CEILING ASSEMBLY ABOVE.
STUD SIZE SHALL BE AS FOLLOWS:
UP TO 15 FEET = 3 5/8" x 1 5/8" x 18GA
UP TO 20 FEET = 6" x 1 5/8" x 18GA
UP TO 25 FEET = 6" x 2" x 18GA

R — 6" METAL STUDS AT 24" O.C. WITH 5/8" MOISTURE RESISTANT (M.R.) G.W.B. EACH SIDE PER NOTE 1 TO STRUCTURE ABOVE.

NOTES

1. WATER-RESISTANT GYPSUM WALL BOARD TO BE USED AT WET LOCATIONS (VERIFY LOCATIONS BASED ON PLUMBING WALLS AND PLUMBING FIXTURES AS SHOWN ON THE BUILDING FLOOR PLANS.)
2. PREFINISHED D-PANEL TO APPLIED OVER ALL GYPSUM WALL BOARD AT METAL STUD WALL TYPES THAT OCCUR AT AISLES (VERIFY LOCATIONS AS SHOWN ON THE BUILDING FLOOR PLANS.)
3. 5 1/2 INCHES EQUIVALENT THICKNESS – 2 HOURS FIRE-RESISTANCE RATING (MAX) PER IBC CHAPTER 7.
4. 8 INCHES EQUIVALENT THICKNESS, – 3 HOUR FIRE-RESISTANCE RATED PER IBC CHAPTER 7.
5. 7 5/8 INCHES EQUIVALENT THICKNESS – 3 HOUR FIRE-RESISTANCE RATING WHEN FULLY GROUTED, PER IBC CHAPTER 7 OR UL DESIGN NO. U935 SYSTEM B EQUIVALENT.
6. NON-LOAD BEARING – 2 HOUR FIRE-RESISTANCE UL ASSEMBLY RATING PER GENERIC ASSEMBLY GYPSUM ASSOCIATION FILE NUMBER WP-1072 OR IBC CHAPTER 7. UL DESIGN NO. V497 CAN BE UTILIZED AS AN ALTERNATE ASSEMBLY.
7. ALL WALL AND ROOF INSULATION INFORMATION SHALL BE PER ENERGY CODE ANALYSIS ON T1.2 UNLESS NOTED OTHERWISE.
8. SEE ENERGY CODE ANALYSIS ON T1.2 FOR VAPOR AND AIR BARRIER REQUIREMENTS AND LOCATION.

SHEET NOTES:

REFER TO SHEET A2.1 FOR WALL TYPES AND RELATED NOTES.

REFER TO SHEET A7.3 FOR DOOR TYPES AND RELATED NOTES.

REFER TO SHEET A7.4 FOR WINDOW TYPES, FINISH SCHEDULE, AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTERLINE OF ROUGH OPENING.

REFER TO U-HAUL INTERNATIONAL (UHI) STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS AND FINAL COLOR SELECTION.

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER-NO SUBSTITUTIONS.

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 35806 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
Architecture | Design

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
FOURTH FLOOR LOCKER PLAN

747074B

DRAWN:	JP	A2.4
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 A2.1

© 2021 AMERCO REAL ESTATE COMPANY

COM*check* Software Version 4.1.5.3

Envelope Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	U-Haul M&S of Gentilly
Location:	New Orleans, Louisiana
Climate Zone:	2a
Project Type:	New Construction
Vertical Glazing / Wall Area:	2%

Construction Site:
6210 Chef Menteur Hwy.
New Orleans, LA 70126

Owner/Agent:
Amerco Real Estate Company
2727 North Central Ave.
Phoenix, AZ 85004

Designer/Contractor:
Aesus Design Group
1050 East Southern Ave.
Suite D
Tempe, AZ 85282

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
High Performance HVAC, 1.0 credit

Building Area	Floor Area
1-Self-Storage : Nonresidential	16951

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof: Metal Building, Standing Seam: High Albedo Roof Required, Filled Cavity with Thermal Blocks (b), 3-Year-Aged Solar Reflectance Index = 64.00 (c), [Bldg. Use 1 - Self-Storage]	16850	19.0	12.0	0.071	0.035
NORTH					
Exterior Wall Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	5130	0.0	18.0	0.048	0.077
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Self-Storage]	24	---	---	0.370	0.610
Roll Up Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Self-Storage]	120	---	---	0.210	0.179
EAST					
Exterior Wall Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	6121	0.0	18.0	0.048	0.077
SOUTH					
Exterior Wall Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	5130	0.0	18.0	0.048	0.077
Door (3): Insulated Metal, Swinging, [Bldg. Use 1 - Self-Storage]	24	---	---	0.370	0.610
Roll Up Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Self-Storage]	120	---	---	0.210	0.179
WEST					
Exterior Wall Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	5615	0.0	18.0	0.048	0.077
Door (2): Insulated Metal, Swinging, [Bldg. Use 1 - Self-Storage]	48	---	---	0.370	0.610

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Thermal spacer block with minimum R-3.5 must be installed above the purlin/batt, and the roof deck secured to the purlins.
(c) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope PASSES: Design 2% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COM*check* Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 35006 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
Architecture | Design
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

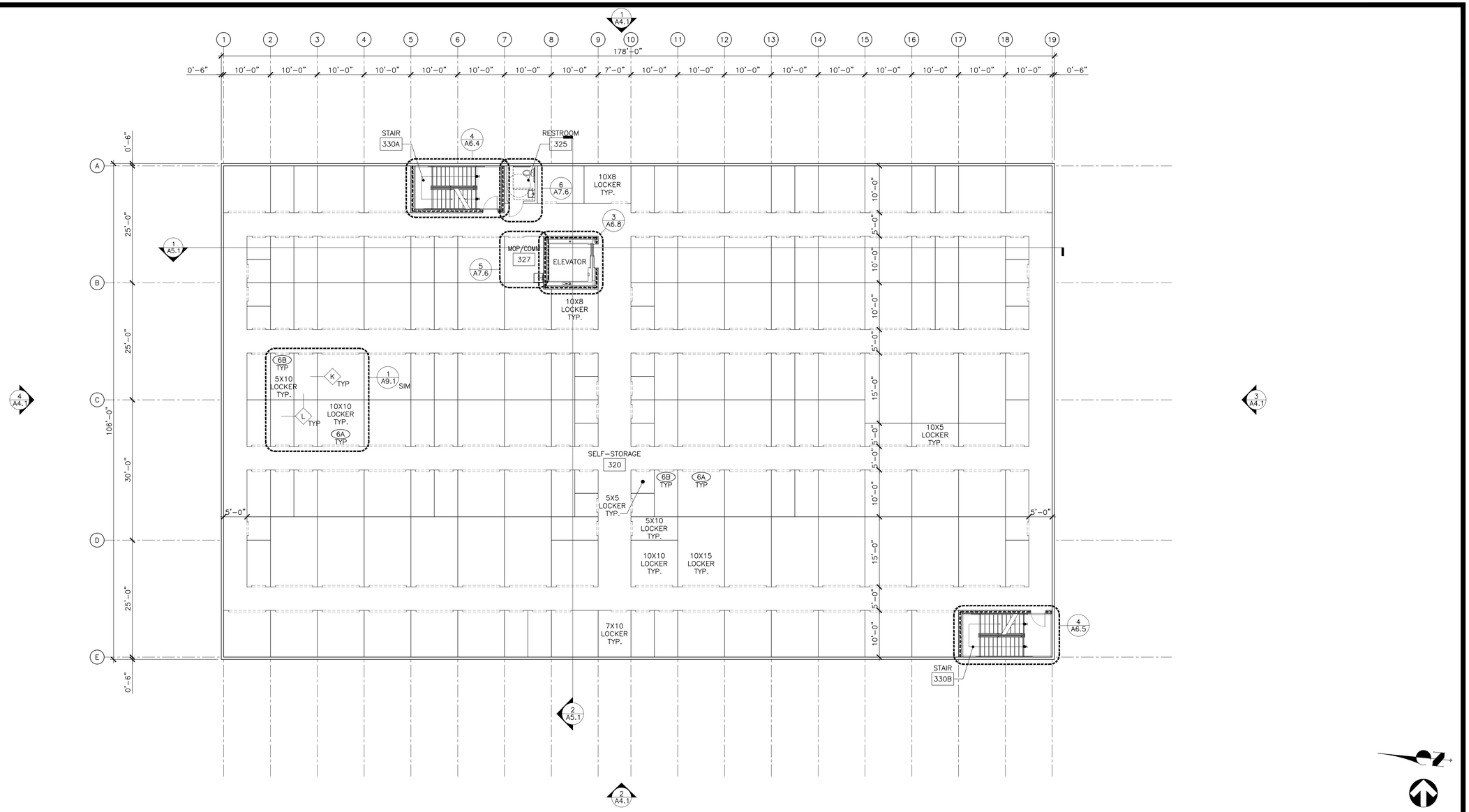
SHEET CONTENTS:
BUILDING ENVELOPE REPORT

747074B

DRAWN:	JP	T4.1A
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH1 T4.1A

© 2021 AMERCO REAL ESTATE COMPANY



1 THIRD FLOOR LOCKER PLAN

SCALE: 3/32" = 1'-0"

TYPICAL WALL TYPE LIST

CC3 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND D-PANEL OTHER SIDE; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

CC2 — 6" METAL STUDS AT 24" O.C. (UNO) WITH MBCI D-PANEL BOTH SIDES; UNFACED R-19 BATT INSULATION TO STRUCTURE ABOVE

G — 8" CMU WALL PER STRUCTURAL DRAWINGS; FIRE-RESISTANCE RATED UL ASSEMBLY PER NOTE 5.

H — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE TO STRUCTURE ABOVE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

H1 — 3-5/8" METAL STUDS AT 24" O.C. WITH 5/8" TYPE X G.W.B. EACH SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; 1 HOUR FIRE-RESISTANCE RATED PER NOTE 6.

J1 — 3-5/8" METAL STUDS AT 24" O.C. WITH SINGLE LAYER 5/8" G.W.B. INTERIOR SIDE AND MBCI U-PANEL OR D-PANEL AND KICK PLATE STORAGE SIDE; UNFACED R-13 BATT INSULATION AT ALL RESTROOM WALLS TO STRUCTURE ABOVE; PROVIDE M.R. G.W.B. PER NOTE 1

K — LOAD BEARING LOCKER PARTITION. 4"x2-1/2" STEEL CEE STUD POSTS WITH MBCI U-PANEL ONE SIDE (TYP.) (REFER TO STRUCTURAL DRAWINGS FOR GAUGE AND SPACING)

L — NON-LOAD BEARING LOCKER PARTITION. 2-1/2"x1-5/8" CEE STUDS AT 5'-0" O.C. WITH MBCI U-PANEL ONE SIDE. PREFINISHED MBCI D-PANEL AT AISLES.

L2 — COLD FORMED METAL STUDS AT 24" O.C. (UNO) WITH MBCI U-PANEL OR D-PANEL AND KICK PLATE SELF-STORAGE SIDE AND MBCI D-PANEL AND KICK PLATE OTHER SIDE. WALL PANEL EA SIDE TO BE HELD 10" BELOW STRUCTURE/CEILING ASSEMBLY ABOVE. STUD SIZE SHALL BE AS FOLLOWS:
UP TO 15 FEET = 3 5/8" x 1 5/8" x 18GA
UP TO 20 FEET = 6" x 1 5/8" x 18GA
UP TO 25 FEET = 6" x 2" x 18GA

R — 6" METAL STUDS AT 24" O.C. WITH 5/8" MOISTURE RESISTANT (M.R.) G.W.B. EACH SIDE PER NOTE 1 TO STRUCTURE ABOVE.

NOTES

1. WATER-RESISTANT GYPSUM WALL BOARD TO BE USED AT WET LOCATIONS (VERIFY LOCATIONS BASED ON PLUMBING WALLS AND PLUMBING FIXTURES AS SHOWN ON THE BUILDING FLOOR PLANS.)
2. PREFINISHED D-PANEL TO APPLIED OVER ALL GYPSUM WALL BOARD AT METAL STUD WALL TYPES THAT OCCUR AT AISLES (VERIFY LOCATIONS AS SHOWN ON THE BUILDING FLOOR PLANS.)
3. 5 1/2 INCHES EQUIVALENT THICKNESS – 2 HOURS FIRE-RESISTANCE RATING (MAX) PER IBC CHAPTER 7.
4. 8 INCHES EQUIVALENT THICKNESS, – 3 HOUR FIRE-RESISTANCE RATED PER IBC CHAPTER 7.
5. 7 5/8 INCHES EQUIVALENT THICKNESS – 3 HOUR FIRE-RESISTANCE RATING WHEN FULLY GROUTED, PER IBC CHAPTER 7 OR UL DESIGN NO. U935 SYSTEM B EQUIVALENT.
6. NON-LOAD BEARING – 2 HOUR FIRE-RESISTANCE UL ASSEMBLY RATING PER GENERIC ASSEMBLY GYPSUM ASSOCIATION FILE NUMBER WP-1072 OR IBC CHAPTER 7. UL DESIGN NO. V497 CAN BE UTILIZED AS AN ALTERNATE ASSEMBLY.
7. ALL WALL AND ROOF INSULATION INFORMATION SHALL BE PER ENERGY CODE ANALYSIS ON T1.2 UNLESS NOTED OTHERWISE.
8. SEE ENERGY CODE ANALYSIS ON T1.2 FOR VAPOR AND AIR BARRIER REQUIREMENTS AND LOCATION.

SHEET NOTES:

REFER TO SHEET A2.1 FOR WALL TYPES AND RELATED NOTES.

REFER TO SHEET A7.3 FOR DOOR TYPES AND RELATED NOTES.

REFER TO SHEET A7.4 FOR WINDOW TYPES, FINISH SCHEDULE, AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTERLINE OF ROUGH OPENING.

REFER TO U-HAUL INTERNATIONAL (UHI) STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS AND FINAL COLOR SELECTION.

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER-NO SUBSTITUTIONS.

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 35806 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
Architecture | Design

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
THIRD FLOOR LOCKER PLAN

747074B

DRAWN:	JP	A2.3
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 A2.1

© 2021 AMERCO REAL ESTATE COMPANY

UHAUL INTERNATIONAL

U-HAUL MOVING & STORAGE OF GENTILLY - PHASE 2
6210 CHEF MENTEUR HWY
NEW ORLEANS, LA 70126

AERIAL MAP

NATIONAL ACCOUNTS

BUTLER MANUFACTURING
Contact: Mike Coffey
mdcoffey@butlermfg.com

CLOPAY BUILDING PRODUCTS
Contact: Chris Remick
cremick@clopay.com

GRAYBAR
Contact: Bruce Ledgerwood
bruce.ledgerwood@graybar.com

FABRIC DUCT MANUFACTURER
Air Distribution Concepts
Contact: Chris Pavlatos
cpav@adctubes.com

JANUS INTERNATIONAL
Contact: Madison Curtis
madisonc@janusintl.com

MBCI (STORAGE MATERIAL)
Contacts: Rachel Morgan & Chris Roberts
rachel.castro@mbci.com
christopher.roberts@mbci.com

METALSPAN (MBCI INSULATED METAL PANEL)
Contacts: Brian Garry & Cristina Carrillo
brian.garry@metlspan.com
cristina.carrillo@mbci.com

SHERWIN–WILLIAMS
Contact: Micheal Koncilja
michael.j.koncilja@sherwin.com

STANLEY ACCESS TECH.
Contact: Bill Gerardin
william.gerardin@sbdinc.com

TRANE
Contact: Chad Barnett
chad.barnett2@trane.com

PROJECT TEAM

OWNER:
AMERCO REAL ESTATE
2727 N CENTRAL AVE
PHOENIX, AZ 85004
(602) 263–6502

PERMIT APPLICANT:
UHC OF SOUTHERN LOUISIANA
6210 CHEF MENTEUR HWY
NEW ORLEANS, LA 70126

ARCHITECTURAL/STRUCTURAL:
AMERCO REAL ESTATE
2727 N CENTRAL AVE
PHOENIX, AZ 85004
(602) 263–6502

MECH/ELECT/PLUMB
AMERICAN FLOWTECH
3385 N. NEVADA ST.
CHANDLER, AZ 85225
(480)556–8300

LEGEND

- GRID LINE
- KEYNOTE
- DOOR TYPE
- WINDOW TYPE
- COLOR/FINISH
- WALL TYPE
- PLAN NOTES
- N.T.S. DRAWING IS NOT TO SCALE
- TRUE NORTH (CIVIL DRAWINGS)
- PLAN NORTH (ARCHITECTURAL DRAWINGS)

BUILDING SECTION DETAIL SYMBOL
OBSERVATION DIRECTION FOR SECTION
SECTION DESIGNATION
LOCATION OF SECTION DETAIL (SHEET)
GENERAL AREA OF "CUT" FOR SECTION

WALL SECTION DETAIL SYMBOL
OBSERVATION DIRECTION FOR SECTION
SECTION DESIGNATION
LOCATION OF SECTION DETAIL (SHEET)
GENERAL AREA OF "CUT" FOR SECTION

ELEVATION DETAIL SYMBOL
OBSERVATION DIRECTION FOR ELEVATION
ELEVATION DESIGNATION
LOCATION OF ELEVATION DETAIL (SHEET)

INTERIOR ELEVATION DETAIL SYMBOL
OBSERVATION DIRECTION FOR ELEVATION
LOCATION OF ELEVATION DETAIL (SHEET)

ENLARGED PLAN SYMBOL
ENLARGED PLAN DESIGNATION
LOCATION OF ENLARGED PLAN (SHEET)

DETAIL SYMBOL
DETAIL DESIGNATIONS
LOCATION OF DETAIL (SHEET)

PROJECT DESCRIPTION

NEW MULTI–STORY SELF STORAGE BUILDING.

GOVERNING BUILDING CODES

BUILDING:	2015 INTERNATIONAL BUILDING CODE
ENERGY:	2015 INTERNATIONAL ENERGY CONSERVATION CODE
FUEL GAS:	2015 INTERNATIONAL FUEL GAS CODE
PLUMBING:	2015 INTERNATIONAL PLUMBING CODE
MECHANICAL:	2015 INTERNATIONAL MECHANICAL CODE
ELECTRICAL:	2014 NATIONAL ELECTRICAL CODE
FIRE:	2015 NFPA 101
ACCESSIBILITY:	ADAAG 2010
OTHER:	SEE LOCAL AMENDMENTS FOR ADDITIONAL INFORMATION

JURISDICTION

NAME:	CITY OF NEW ORLEANS SAFETY & PERMITS
ADDRESS:	1300 PERDIDO ST, NEW ORLEANS, LA 70112
PHONE:	(504) 685–7100

DEFERRED SUBMITTALS:

- AUTOMATIC FIRE SPRINKLER SYSTEM. DESIGN/BUILDING BY LOCAL CONTRACTOR AND LOCAL FIRE SPRINKLER INSTALLER. UHI OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR TO PROCURE. SEE FIRE SPRINKLER DEFERRED NOTES ON PLUMBING DRAWINGS AND UHI SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- FIRE ALARM AND DETECTION SYSTEM. DESIGN/BUILDING BY LOCAL CONTRACTOR AND LOCAL FIRE ALARM AND DETECTION SYSTEM INSTALLER. UHI OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR TO PROCURE. SEE FIRE ALARM DEFERRED NOTES ON ELECTRICAL DRAWINGS AND UHI SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SPECIAL INSPECTIONS:

CAST IN PLACE CONCRETE
CONCRETE MASONRY CONSTRUCTION
STRUCTURAL STEEL CONSTRUCTION
COLD–FORMED STEEL CONSTRUCTION
ANCHOR BOLTS IN PRE–DRILLED HOLES IN EXISTING CONCRETE OR CONCRETE MASONRY
DEEP FOUNDATIONS

BUILDING CODE ANALYSIS:

				COMMENTS / CODE REFERENCE
OCCUPANCY GROUP(S)	SINGLE OCCUPANCY SELF–STORAGE – S–1 STORAGE			CHAPTER 3, SECTION 508 RM 120, 121, 220, 320, 420
CONSTRUCTION TYPE	I–A (FIRST FLOOR ONLY)/ II–B			CHAPTER 6
BUILDING HEIGHT / AREA		ACTUAL	ALLOWED	TABLE 503 AND SECTION 510.2
	STORIES	1/3	1/3	
	HEIGHT (FT)	51	75	TABLE 503
	AREA (SF / FLOOR)	ACTUAL	ALLOWED	TABLE 503, SECTION 506
	BUILDING B			
	FIRE AREA 1A			
	FIRST FLOOR			
	STORAGE	17,585		RM 120
	SELF–STORAGE	1,000		RM 121
	FIRST FLOOR TOTAL	18,585	UNLIMITED	
	FIRE AREA 1B			
	SECOND FLOOR TOTAL	18,585	56,680	RM 220, 225, 227
	THIRD FLOOR TOTAL	18,585	56,680	RM 320, 325, 327
	FOURTH FLOOR TOTAL	18,585	56,680	RM 420, 427
OCCUPANCY SEPARATION	3 HOUR REQUIRED			SECTION 706
FIRE–RESISTANCE RATING			REQUIRED	TABLE 601 UNO
	BUILDING ELEMENT RATING (HOURS)			*OCCURS AT SECOND FLOOR SLAB AND BELOW TO PROVIDE HORIZONTAL SEPERATION BETWEEN UPPER AND LOWER BUILDING. SEE SECTIONS 510.2 AND 707.3.10
	PRIMARY STRUCTURAL FRAME			
	FLOOR SUPPORTS		3*/0	
	ROOF SUPPORTS		0	
	BEARING WALLS			
	EXTERIOR		0	
	INTERIOR		0	
	NON–BEARING WALLS			
	EXTERIOR		1 X>10	TABLE 602, FIRST FLOOR ONLY
	INTERIOR		0	
	FLOOR CONSTRUCTION AND SECONDARY MEMBERS		3*/0	
	ROOF CONSTRUCTION AND MEMBERS		0	
	EXIT ENCLOSURES		2	SECTION 1022
FIRE PREVENTION	FIRE SPRINKLER(S)	PROVIDED THROUGHOUT		SECTION 903
	FIRE EXTINGUISHER(S)	PROVIDED THROUGHOUT		SECTION 906
	FIRE ALARM(S)	PROVIDED THROUGHOUT		SECTION 907
	FIRE DEPT. CONNECTION	TO BE PROVIDED		SECTION 912
EGRESS OCCUPANT LOAD	LOCATION	AREA	FACTOR / OCCUPANTS	SECTION 1004
	BUILDING B			
	FIRST FLOOR			RM 120, 121
	SELF–STORAGE	11,620		
	CORRIDOR	5,965	500 / 12	
	FIRST FLOOR TOTAL	17,585	12	
	SECOND FLOOR			RM 220
	SELF–STORAGE	13,320		
	CORRIDOR	5,265	500 / 11	
	SECOND FLOOR TOTAL	18,585	11	
	THIRD FLOOR			RM 320
	SELF–STORAGE	13,210		
	CORRIDOR	5,375	500 / 11	
	THIRD FLOOR TOTAL	18,585	11	
	FOURTH FLOOR			RM 420
	SELF–STORAGE	13,320		
	CORRIDOR	5,265	500 / 11	
	FOURTH FLOOR TOTAL	18,585	11	
EGRESS ILLUMINATION	1 FOOTCANDLE (11 LUX) AVERAGE AND 0.1 FOOTCANDLE (1 LUX) MINIMUM			SECTION 1006 AND 2702
EXIT ACCESS	OCCUPANCY:		S–1	
	COMMON PATH OF EGRESS TRAVEL (FT)		100	TABLE 1006.2.1
	EXIT ACCESS TRAVEL DISTANCE (FT)		250	TABLE 1017.2
	MAX DEAD END CORRIDOR (FT)		50	SECTION 1020.4

REQUIRED PLUMBING FIXTURES	OCCUPANTS	WATER CLOSET	LAVATORIES	DRINKING FOUNTAIN	SERVICE SINK	IPC TABLE 403.1 AND SECTION 403.2
SELF–STORAGE (S–1)	45	1	1	1	1	

ACCESSIBLE SELF–SERVICE STORAGE FACILITIES	LOCATION	TOTAL LOCKERS	MINIMUM ACCESSIBLE	
	BUILDING	697	20	TABLE 1108.3 RM 120, 220, 320, 420

ENERGY CODE ANALYSIS:

			COMMENTS / CODE REFERENCE
BUILDING ENVELOPE REQUIREMENTS	CLIMATE ZONE	2A	BUILDING THERMAL ENVELOPE CONFORMS TO THE ENVELOPE REQUIREMENTS OF THIS TABLE, UNLESS OTHERWISE SPECIFIED ON THE IECC REPORT ON T4. SERIES SHEETS.
	INSULATION		
	ROOF	R–19+R–12LS W/ R–5 THERM. BLKS	
	WALLS ABOVE GRADE		
	MASS (TILT–UP)	NOT REQUIRED	
	METAL BUILDING	R–18ci	
	METAL FRAMED WALL	R–18ci	
	S.O.G. (UNHEATED)	NOT REQUIRED	
	OPAQUE DOORS		
	SWINGING	U–0.61	
	NON–SWINGING	R–4.75	
	FENESTRATION	SHGC =0.25	
	ENTRANCE DOORS	U–0.65	
	VAPOR BARRIER	NOT REQUIRED	SECTION 1405.3
	AIR BARRIER	NOT REQUIRED	SECTION C402.5

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH ALL AMERCO'S REQUIREMENTS PRIOR TO BIDDING AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THOSE REQUIREMENTS.
3. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/AMERCO REPRESENTATIVE OF ANY DISCREPANCIES.
4. ITEMS NOT INDICATED IN THESE DOCUMENTS THAT CAN BE LEGITIMATELY AND REASONABLY INFERRED TO COMPLETE THE WORK AT HAND SHALL BE FURNISHED BY THE CONTRACTOR AS THOUGH IT WERE DETAILED HEREIN. CHANGE REQUESTS FOR SAID ITEMS WILL NOT BE APPROVED.
5. DRAWINGS SHALL BE DISTRIBUTED TO SUB–CONTRACTORS IN COMPLETE SETS AS INDICATED BY THE SHEET INDEX. GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING SUB–CONTRACTORS BID ON ALL ITEMS ASSOCIATED WITH THEIR RESPECTIVE TRADES.
6. THE CONTRACTOR WILL INSPECT THE PREMISES PRIOR TO BIDDING TO VERIFY EXISTING WORKING CONDITIONS; SHOULD CONDITIONS BE IDENTIFIED WHICH ARE BELIEVED TO IMPEDE INTENDED WORK, THEN SUCH CONDITIONS MUST BE DOCUMENTED AND REPORTED IMMEDIATELY TO ARCHITECT/AMERCO REPRESENTATIVE. FAILURE TO SO ADVISE WILL CONSTITUTE NOTICE THAT CONTRACTOR IS FULLY SATISFIED WITH THE EXISTING CONDITIONS AND INTENDS TO PERFORM PER BID WITH NO ALLOWANCE EITHER IN TIME OR MONEY FOR ANY IMPEDIMENTS TO INTENDED WORK.
7. CONTRACTOR SHALL ISSUE WRITTEN NOTIFICATION TO ARCHITECT/AMERCO REPRESENTATIVE OF ANY DISCREPANCIES AND FOLLOW UP IN WRITING WITHIN TWO WORKING DAYS OF INSPECTION.
8. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. IF DIMENSIONAL ERROR OCCURS OR CONDITION NOT COVERED IN THE DRAWINGS IS ENCOUNTERED, CONTRACTOR SHALL SUBMIT A CLARIFICATION REQUEST TO ARCHITECT/AMERCO REPRESENTATIVE AND OBTAIN RESOLUTION BEFORE COMMENCING THAT PORTION OF THE WORK.
9. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS UNLESS HEREINAFTER SPECIFIED TO THE CONTRARY.
10. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND/OR INSTALLATION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
11. DIMENSIONS TAKE PRECEDENCE OVER SCALE ON CONSTRUCTION DOCUMENTS.
12. ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER, ACCEPTABLE TO OWNER.
13. WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, THE WORK SHALL BE PROVIDED IN ACCORDANCE WITH GENERAL NOTES 12, 14 AND 16.
14. CONTRACTOR SHALL GUARANTEE, IN WRITING, ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
15. UNLESS OTHERWISE SPECIFICALLY NOTED, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THIS PROJECT.
16. THE CONTRACTOR WARRANTS TO AMERCO AND ARCHITECT/AMERCO REPRESENTATIVE THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE GOOD QUALITY FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. ALL WORK NOT SO CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR NON–CONFORMING WORK OR MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED INTO THE WORK OR AT ANY TIME BEFORE OR AFTER THE FINAL ACCEPTANCE. IF REQUIRED BY THE ARCHITECT OR AMERCO REPRESENTATIVE, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT.
17. THE WARRANTIES AND GUARANTIES REQUIRED BY THE CONSTRUCTION DOCUMENTS SHALL BE IN ADDITION TO AND NOT IN LIMITATION OF ANY OTHER WARRANTY OR GUARANTY OR REMEDY REQUIRED BY LAW OR BY THE CONSTRUCTION DOCUMENTS.
18. CONTRACTOR TO COORDINATE WITH AHJ, SPRINKLER CONTRACTOR, CIVIL ENGINEER, AND PLUMBING ENGINEER AS NEEDED FOR ALL BACKFLOW PREVENTOR REQUIREMENTS. LOCATION SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATIONS OR FABRICATION.

2

19. PROVIDE TWO–WAY COMMUNICATION BETWEEN THE ELEVATOR LANDING(S) AND A CENTRAL POINT (LOCATED IN COORDINATION WITH THE LOCAL FIRE DEPARTMENT).
19.1. INCLUDE DIRECTIONS FOR THE USE OF THE TWO–WAY COMMUNICATION SYSTEM.
19.2. INSTRUCTIONS FOR SUMMONING ASSISTANCE VIA THE TWO–WAY COMMUNICATION SYSTEM.
19.3. WRITTEN IDENTIFICATION OF THE LOCATION SHALL BE POSTED ADJACENT TO THE TWO–WAY COMMUNICATION SYSTEM.
19.4. BE IN ACCORDANCE WITH ADA–ABA 207 AND 216.

SHEET INDEX

SHEET NUMBER	SHEET NAME	SHEET NUMBER	SHEET NAME
	GENERAL		STRUCTURAL
T1.2	COVER SHEET	S8.4B	GRADE BEAM AND PILE CAP SCHEDULES
T2.1	FIRST FLOOR EGRESS PLAN	S9.1B	STRUCTURAL FLOOR FRAMING DETAILS
T2.2	SECOND FLOOR EGRESS PLAN	S9.2B	STRUCTURAL FLOOR FRAMING DETAILS
T2.3	THIRD FLOOR EGRESS PLAN	S10.1B	STRUCTURAL FLOOR FRAMING DETAILS
T2.4	FOURTH FLOOR EGRESS PLAN	S10.2B	STRUCTURAL ROOF FRAMING DETAILS
T3.1B	TYPICAL ADA STANDARDS		
T4.1B	BUILDING ENVELOPE REPORT		MECHANICAL
		M0.1.2	MECHANICAL NOTES & SPECIFICATIONS PHASE 2 BUILDING B
	ARCHITECTURAL	M0.2.2	MECHANICAL SCHEDULES, DETAILS & IECC CALCS PHASE 2 BUILDING B
A1.1	BUILDING SITE PLAN	M1.1.2	MECHANICAL FLOOR PLAN 1ST FLOOR PHASE 2 BUILDING B
A2.1	FIRST FLOOR LOCKER PLAN	M1.2.2	MECHANICAL FLOOR PLAN 2ND FLOOR PHASE 2 BUILDING B
A2.2	SECOND FLOOR LOCKER PLAN	M1.3.2	MECHANICAL FLOOR PLAN 3RD FLOOR PHASE 2 BUILDING B
A2.3	THIRD FLOOR LOCKER PLAN	M1.4.2	MECHANICAL FLOOR PLAN 4TH FLOOR PHASE 2 BUILDING B
A2.4	FOURTH FLOOR LOCKER PLAN	M2.1.2	MECHANICAL DETAILS PHASE 2 BUILDING B
A3.1	ROOF PLAN AND NOTES	M2.2.2	MECHANICAL DETAILS PHASE 2 BUILDING B
A4.1	BUILDING ELEVATIONS		
A5.1	BUILDING SECTIONS		PLUMBING
A5.2	BUILDING SECTIONS	P0.1.2	PLUMBING NOTES & SPECIFICATIONS PHASE 2 BUILDING B
A6.4	ENLARGED INTERIOR STAIR PLANS AND SECTIONS	P0.2.2	PLUMBING NOTES & SPECIFICATIONS PHASE 2 BUILDING B
A6.5	ENLARGED INTERIOR STAIR PLANS AND SECTIONS	P1.1.2	PLUMBING PLAN PHASE 2 BUILDING B
A6.6	STAIR DETAILS AND SECTIONS	P1.2.2	PLUMBING PLAN PHASE 2 BUILDING B
A6.7	STAIR DETAILS	P1.3.2	PLUMBING PLAN PHASE 2 BUILDING B
A6.8	ENLARGED ELEVATOR PLAN AND DETAILS	P1.4.2	PLUMBING PLAN PHASE 2 BUILDING B
A6.11	ENLARGED LOAD/UNLOAD PLAN AND ELEVATION		
A6.12	ENLARGED LOAD/UNLOAD WALL SECTION		ELECTRICAL
A7.3	DOOR SCHEDULE	E0.1.2	ELECTRICAL SYMBOLS & SPECIFICATIONS PHASE 2 BUILDING B
A7.4	WINDOW AND FINISH SCHEDULES	E1.1.2	SINGLE–LINE DIAGRAM & DETAILS PHASE 2 BUILDING B
A7.6	ENLARGED RESTROOM AND MOP/COMM ROOM SHEET	E2.1.2	POWER & SIGNAL PLAN PHASE 2 BUILDING B
A8.1	TYPICAL AISLE LAYOUT	E2.2.2	POWER & SIGNAL PLAN PHASE 2 BUILDING B
A8.2	ARCHITECTURAL BUILDING DETAILS	E2.3.2	POWER & SIGNAL PLAN PHASE 2 BUILDING B
A8.3	ARCHITECTURAL BUILDING DETAILS	E2.4.2	POWER & SIGNAL PLAN PHASE 2 BUILDING B
A8.4	ARCHITECTURAL BUILDING DETAILS	E3.1.2	LIGHTING PLAN PHASE 2 BUILDING B
A8.6	ARCHITECTURAL BUILDING DETAILS	E3.2.2	LIGHTING PLAN PHASE 2 BUILDING B
A8.9	ARCHITECTURAL BUILDING DETAILS	E3.3.2	LIGHTING PLAN PHASE 2 BUILDING B
A9.1LB	SINGLE LEVEL LOAD BEARING STORAGE ASSEMBLY	E3.4.2	LIGHTING PLAN PHASE 2 BUILDING B
A9.7	STORAGE LOCKER COMPONENTS	E4.1.2	PHOTOMETRIC PLAN FIRST FLOOR PHASE 2 BUILDING B
A9.8	TYPICAL LOAD BEARING PARTITION LOCKER DETAILS	E4.2.2	PHOTOMETRIC PLAN SECOND FLOOR PHASE 2 BUILDING B
A9.10	TYPICAL LOCKER DETAILS	E4.3.2	PHOTOMETRIC PLAN THIRD FLOOR PHASE 2 BUILDING B
		E4.4.2	PHOTOMETRIC PLAN FOURTH FLOOR PHASE 2 BUILDING B
	STRUCTURAL	E5.1.2	PANELBOARD SCHEDULES PHASE 2 BUILDING B
S1.1B	GENERAL STRUCTURAL NOTES	E5.2.2	HVAC, LIGHTING & PANELBOARD SCHEDULE PHASE 2 BUILDING B
S1.2B	GENERAL STRUCTURAL NOTES	E5.2.2	HVAC, LIGHTING & PANELBOARD SCHEDULE PHASE 2 BUILDING B
S2.1B	FOUNDATION PLAN	E6.1.2	LIGHTING SPEC. IECC CALCULATIONS PHASE 2 BUILDING B
S3.2B	SECOND FLOOR FRAMING PLAN		
S3.3B	THIRD FLOOR FRAMING PLAN		
S3.4B	FOURTH FLOOR FRAMING PLAN		
S4.1B	ROOF FRAMING PLAN		
S6.1B	CONCRETE TILT–UP WALL ELEVATIONS		
S7.1B	TYPICAL STRUCTURAL DETAILS		
S7.2B	TYPICAL STRUCTURAL DETAILS		
S7.3B	TYPICAL STRUCTURAL DETAILS		
S7.5B	TYPICAL STRUCTURAL STAIR DETAILS		
S8.1B	STRUCTURAL FOUNDATION DETAILS		
S8.2B	STRUCTURAL FOUNDATION DETAILS		

PHASE 2 STORAGE BUILDING - PROPOSED MIX

LOCKER SIZE	NON-CLIMATE - 40%			CLIMATE - 60%												
	1st Flr	SQ. FT.	%	2nd Flr	SQ. FT.	%	3rd Flr	SQ. FT.	%	4rd Flr	SQ. FT.	%	TOTAL QTY	TOTAL SQ. FT.	TOTAL %
5 x 5	26	650	5%	24	600	4%	24	600	4%	24	600	4%	98	2,450	5%
5 x 10	60	3,000	26%	68	3,400	26%	68	3,400	26%	76	3,800	29%	272	13,600	26%
7 x 10	2	140	1%	2	140	1%	1	70	1%	2	140	1%	7	490	1%
10 x 8	1	80	1%	1	80	1%	3	240	2%	1	80	1%	6	480	1%
10 x 10	58	5,800	50%	67	6,700	50%	65	6,500	49%	63	6,300	47%	253	25,300	49%
10 x 15	13	1,950	17%	16	2,400	18%	16	2,400	18%	16	2,400	18%	61	9,150	18%
TOTAL	160	11,620	100%	178	13,320	100%	177	13,210	100%	182	13,320	100%	697	51,470	100%

SHEET NOTES:

REFER TO U–HAUL INTERNATIONAL STANDARD SPECIFICATIONS FOR MATERIAL, INSTALLATION AND FINISH REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS, AND FINAL COLOR SELECTION

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER–NO SUBSTITUTIONS

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	02/28/22	SNP	PLAN REVIEW COMMENT RESPONSE
2	03/22/22	SNP	FIRE PLAN REVIEW COMMENT RESPONSE
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III
REG. No. 5906
STATE OF LOUISIANA
REGISTERED ARCHITECT

ARCHITECT LOGO:

ARCHONstudio
Architecture & Design
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:

COVER SHEET

747074B

DRAWN:	JP	T1.2
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 T1.2

© 2021 AMERCO REAL ESTATE COMPANY

COM*check* Software Version 4.1.5.3

Envelope Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	Uhaul Moving & Storage of Gentilly
Location:	New Orleans, Louisiana
Climate Zone:	2a
Project Type:	New Construction
Vertical Glazing / Wall Area:	2%

Construction Site:
6210 Chef Menteur Hwy
New Orleans, LA 70126

Owner/Agent:
Amerco Real Estate Company
2727 North Central Ave.
Phoenix, AZ 85004

Designer/Contractor:
Aesus Design Group
1050 East Southern Ave.
Suite 5
Tempe, AZ 85282

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
High Performance HVAC, 1.0 credit

Building Area	Floor Area
1-Self-Storage : Nonresidential	74340

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof: Metal Building, Standing Seam: High Albedo Roof Required, Single Insulation Layer with Thermal Blocks (d), 3-Year-Aged Solar Reflectance Index = 64.00 (e), [Bldg. Use 1 - Self-Storage]	18585	11.0	12.0	0.047	0.035
NORTH					
Exterior Wall MBCI Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	6598	0.0	18.0	0.048	0.077
Exterior Wall Concrete Tilt Panel: Solid Concrete:6" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Self-Storage]	1958	0.0	0.0	0.395	0.151
Door (6): Insulated Metal, Swinging, [Bldg. Use 1 - Self-Storage]	48	---	---	0.370	0.610
Door (3): Glass (> 50% glazing):Metal Frame, Non-Entrance Door, Perf. Specs.: Product ID NA, SHGC 0.25, [Bldg. Use 1 - Self-Storage] (c)	96	---	---	0.830	0.650
Door (1): Other Door, Non-Swinging, [Bldg. Use 1 - Self-Storage]	294	---	---	0.210	0.179
EAST					
Exterior Wall MBCI Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	5102	0.0	18.0	0.048	0.077
SOUTH					
Exterior Wall MBCI Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	7939	0.0	18.0	0.048	0.077
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Self-Storage]	24	---	---	0.370	0.610
WEST					
Exterior Wall MBCI Insulated Metal Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Self-Storage]	5102	0.0	18.0	0.048	0.077

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(d) Thermal spacer block with minimum R-3.5 must be installed above the purlin/batt, and the roof deck secured to the purlins.
(e) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope PASSES: Design 4% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COM*check* Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 35006 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
Architecture | Design
7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage
of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

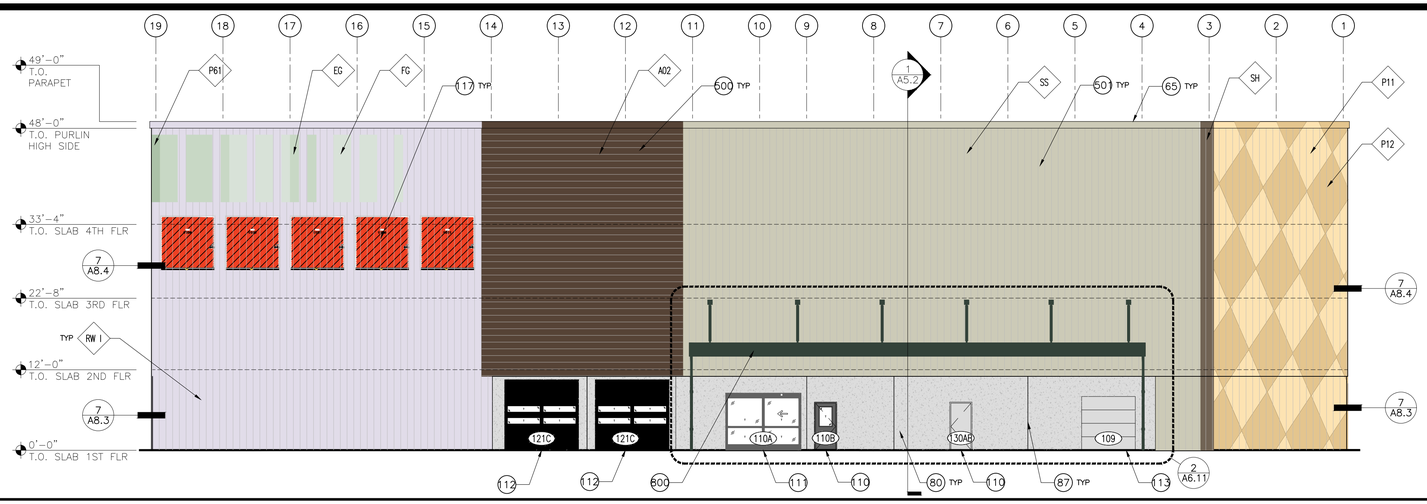
SHEET CONTENTS:
BUILDING
ENVELOPE REPORT

747074B

DRAWN:	JP	T4.1B
CHECKED:	AML	
DATE:	11/03/2021	

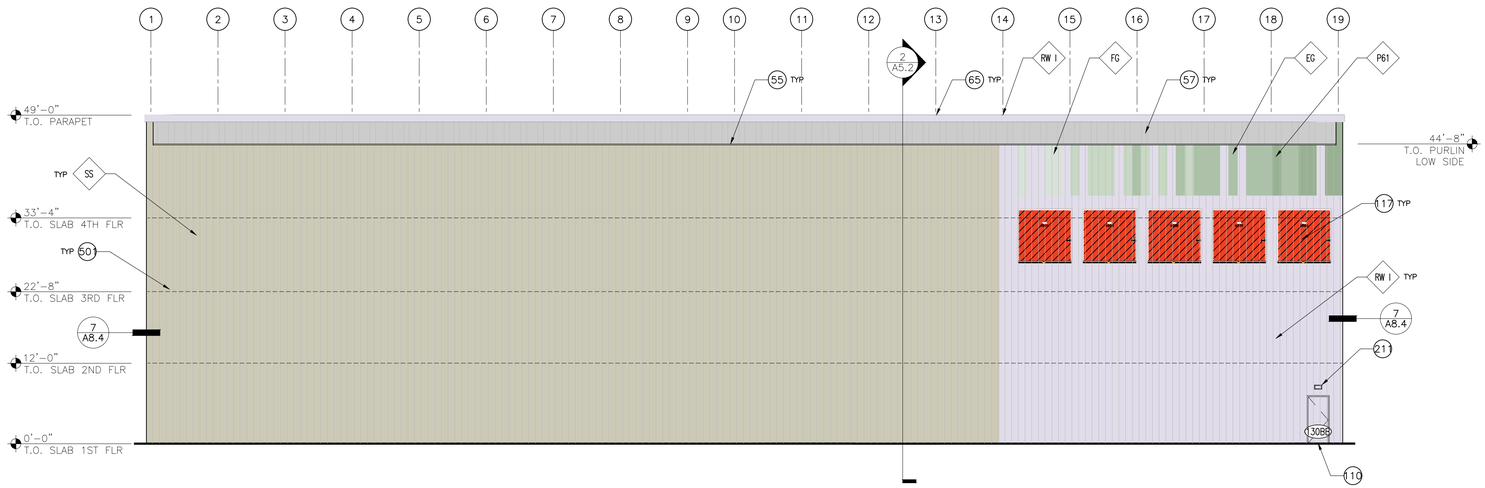
747074_PH2 T4.1B

© 2021 AMERCO REAL ESTATE COMPANY



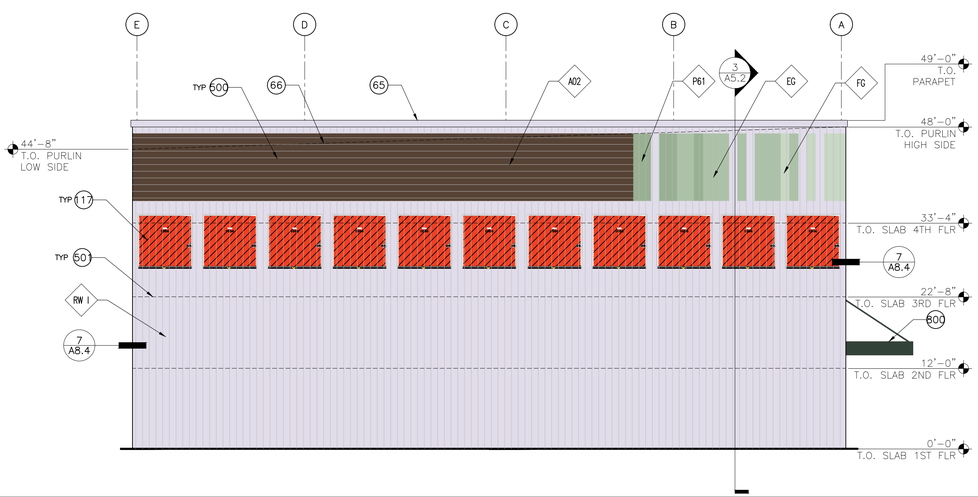
1 NORTH BUILDING ELEVATION

SCALE: 3/32" = 1'-0"



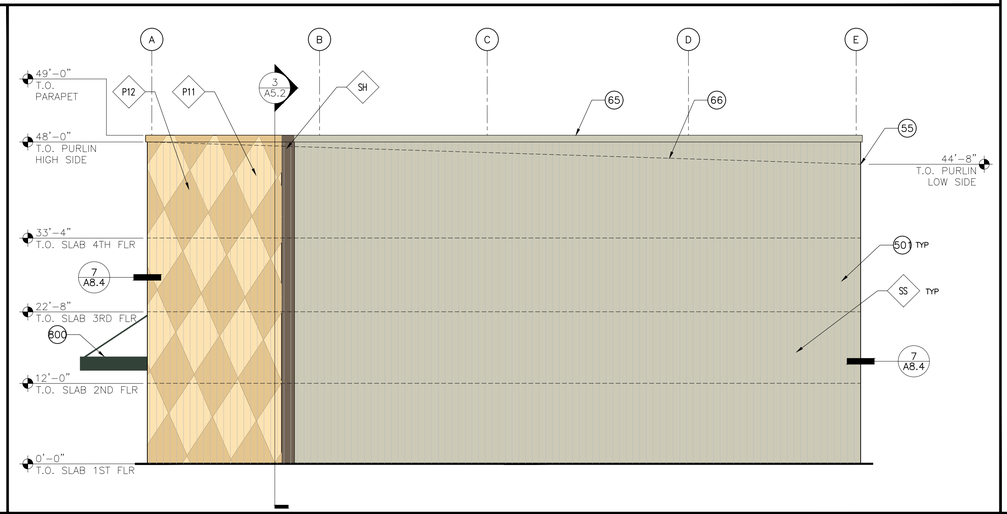
2 SOUTH BUILDING ELEVATION

SCALE: 3/32" = 1'-0"



3 EAST BUILDING ELEVATION

SCALE: 3/32" = 1'-0"



WEST BUILDING ELEVATION

SCALE: 3/32" = 1'-0"

55. LOW EAVE DRIP-EDGE TRIM
57. DOUBLE LOCKING STANDING SEAM ROOF.
65. PRE-FINISHED PARAPET CAP
66. ROOF LINE, FLOOR LINE OR WALL BEYOND.
80. CONCRETE TILT PANEL, LIGHT BROOM FINISH AT EXTERIOR SIDE, 3/4" CHAMFER AT EXTERIOR EDGES
87. EXPANSION JOINT – SEE STRUCTURAL DRAWINGS FOR LOCATIONS.
106. PAINTED STEEL HANDRAIL – BY CONTRACTOR
110. SIDE-HINGED H.M. DOOR – SEE DOOR SCHEDULE
111. AUTO SLIDING DOOR – SEE DOOR SCHEDULE
112. SECTIONAL OVERHEAD DOOR – SEE DOOR SCHEDULE
117. EXTERIOR APPLIED IMAGING: ADDITIONAL SUB FRAMING MAY BE REQUIRED, COORDINATE WITH UHI DESIGN DRAWINGS (DSD) AND OWNERS REPRESENTATIVE.
211. WALL-MOUNTED LIGHT FIXTURE – SEE ELECTRICAL
500. HORIZONTAL ATAS WOODLAND SERIES SINGLESKIN PANEL OVER IMP
501. VERTICAL ATAS ISOLEREN ML INSULATED METAL PANEL (IMP)
800. CANOPY – BY CONTRACTOR.

KEYNOTES

- P11 SHERWIN WILLIAMS 2199 – AUGUST MOON
- P12 SHERWIN WILLIAMS 2197 – YELLOW STONE
- P61 SHERWIN WILLIAMS 6451 – NURTURE GREEN
- EG SHERWIN WILLIAMS 6450 – EASY GREEN
- FG SHERWIN WILLIAMS 6455 – FLEETING GREEN
- SH SHERWIN WILLIAMS 7040 – SMOKEHOUSE
- A02 ATAS – WOODLAND SERIES WALNUT
- RW I ATAS – REGAL WHITE I
- SS ATAS – SANDSTONE

NOTE: REFER TO UHI DESIGN DRAWING (DSD) FOR ADDITIONAL INFORMATION.

COLOR LEGEND

SHEET NOTES:

REFER TO SHEET A2.1 FOR WALL TYPES AND RELATED NOTES.

REFER TO SHEET A7.3 FOR DOOR TYPES AND RELATED NOTES.
REFER TO SHEET A7.4 FOR WINDOW TYPES, FINISH SCHEDULE, AND RELATED NOTES.

ALL DOOR AND WINDOW DIMENSIONS ARE TO CENTERLINE OF ROUGH OPENING.

REFER TO U-HAUL INTERNATIONAL (UHI) STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALL REQUIREMENTS.

SEE UHI FACILITY IMAGING AND DIRECTIONAL SIGNAGE IMAGING BOOK FOR ADDITIONAL INFORMATION/REQUIREMENTS AND FINAL COLOR SELECTION.

ALL SELECTIONS ARE SUBJECT TO APPROVAL BY OWNER-NO SUBSTITUTIONS.

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

CLIFFORD GROUT III REG. No. 5898 STATE OF LOUISIANA REGISTERED ARCHITECT

11/03/2021

ARCHITECT LOGO:

ARCHONstudio
ARCHITECTURE | DESIGN

7732 Goodwood Blvd.
Suite 207
Baton Rouge, LA
70806
225.923.3093

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
BUILDING ELEVATIONS

747074B

DRAWN:	JP	A4.1
CHECKED:	AML	
DATE:	11/03/2021	

747074_PH2 A4.1

© 2021 AMERCO REAL ESTATE COMPANY

ELECTRICAL LEGEND

	LIGHTING
	FLUORESCENT TROFFER. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL EM	FLUORESCENT TROFFER. NIGHTLIGHT AND/OR EMERGENCY LIGHT SEE PLAN FOR DESIGNATION.
	FLUORESCENT STRIP FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL EM	FLUORESCENT STRIP FIXTURE. NIGHTLIGHT AND/OR EMERGENCY LIGHT. SEE PLAN FOR SPECIFICATION.
	FLUORESCENT WRAPAROUND FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL EM	FLUORESCENT WRAPAROUND FIXTURE. NIGHTLIGHT AND/OR EMERGENCY LIGHT. SEE PLAN FOR DESIGNATION.
	WALL MOUNTED LIGHT FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	WALL MOUNTED FLUORESCENT FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	RECESSED DOWN LIGHT. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL EM	RECESSED DOWN LIGHT. NIGHTLIGHT AND/ OR EMERGENCY LIGHT. SEE PLAN FOR DESIGNATION.
	RECESSED WALL WASHER. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION. AIM AS DIRECTED BY THE ARCHITECT.
	LIGHTING TRACK. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	TRACK HEAD OR FLOODLIGHT. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATIONS.
	DUAL HEAD EMERGENCY LIGHT FIXTURE WITH BATTERY PACK. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	FLUORESCENT TROFFER. NIGHTLIGHT AND/OR EMERGENCY LIGHT SEE PLAN FOR DESIGNATION.
	CEILING MOUNTED EMERGENCY EXIT SIGN. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION. ARROWS INDICATE PATH OF EGRESS. SHADED AREA INDICATES FACE.
	POLE MOUNTED PARKING LOT FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	DEVICES
S	SINGLE POLE TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_2	TWO–POLE TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_3	THREE–WAY TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_4	FOUR–WAY TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_P	SINGLE POLE TOGGLE SWITCH WITH PILOT LIGHT MOUNTED +48" AFF
S_K	SINGLE POLE KEY OPERATED TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_a S_b	MULTI–LEVEL SWITCHING. INNER LAMPS OF FLUORESCENT FIXTURES TO BE SWITCHED BY "A" AND OUTER LAMPS TO BE SWITCHED BY "B". INCANDESCENT OR SINGLE BALLAST FIXTURES TO BE SWITCHED AS INDICATED ON DRAWINGS.
S_a S_b S_c	THREE–WAY MULTI–LEVEL SWITCHING. INNER LAMPS OF FLUORESCENT FIXTURES TO BE SWITCHED BY "a" AND OUTER LAMPS TO BE SWITCHED BY "b". INCANDESCENT OR SINGLE BALLAST FIXTURES TO BE SWITCHED AS INDICATED ON DRAWINGS.
S_D	SLIDE CONTROL DIMMER AT +48" AFF 1500 WATT OR AS NOTED ON PLANS.
	ASTRONOMIC TIMESWITCH. 3PST, 40 AMP, 120 VOLT UNLESS NOTED OTHERWISE.
PC	PHOTOCELL MOUNTED ON ROOF. AIM NORTH. "TORK" #2101 OR APPROVED EQUAL.
	DUPLEX CONVENIENCE RECEPTACLE MOUNTED AT +15" AFF TO BOTTOM OF BOX OR AS NOTED. FILLED CENTER = GFCI
	DOUBLE DUPLEX (FOURPLEX) CONVENIENCE RECEPTACLE MOUNTED AT +15" AFF TO BOTTOM OF BOX OR AS NOTED.
	SPECIAL RECEPTACLE AS NOTED ON DRAWINGS (250 VOLT).
	SPECIAL RECEPTACLE AS NOTED ON DRAWINGS (600 VOLT).
	JUNCTION BOX COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
	FLOOR MOUNTED DEVICE. TYPICAL OF ALL OUTLET SYMBOLS.
	WIRE MOLD. LENGTH AND TYPE AS NOTED ON DRAWINGS. MOUNT AT +15" AFF TO BOTTOM OR AS NOTED ON THE DRAWING.
	POWER POLE. SEE DRAWINGS FOR SPECIFICATIONS.
	SPECIAL SYSTEMS
	TELEPHONE OUTLET MOUNTED AT +15" AFF TO BOTTOM OR AS NOTED.
	DATA OUTLET MOUNTED AT +15" AFF TO BOTTOM OR AS NOTED.
	COMBINATION TELEPHONE AND DATA OUTLET IN THE SAME BOX AT +15" AFF TO BOTTOM OR AS NOTED.
	DOUBLE DATA OUTLET IN THE SAME BOX AT +15" AFF TO BOTTOM OR AS NOTED.
TV	MASTER TELEVISION OUTLET MOUNTED AT +15" AFF TO BOTTOM OR AS NOTED.
	OCC SENSORS
	WALL MOUNTED DUAL TECHNOLOGY W/ MANUAL ON/OFF, AND 30–MINUTE AUTO SHUTOFF CAPABLE.
	WALL MOUNTED DUAL TECHNOLOGY, DUAL RELAY W/ BUILT IN LIGHT LEVEL SENSOR IN SECONDARY RELAY FOR AUTOMATIC DAYLIGHT CONTROLS, MANUAL ON/OFF, AND 30–MINUTE AUTO SHUTOFF CAPABLE.
3	WALL MOUNTED DUAL TECHNOLOGY, MULTI–WAY (3–WAY) W/ MANUAL ON/OFF AND 30–MINUTE AUTO SHUTOFF CAPABLE.
LV	WALL MOUNTED DUAL TECHNOLOGY, LOW–VOLTAGE (WIRED VIA POWER–PAK), W/ MANUAL ON/OFF AND 30–MINUTE AUTO SHUTOFF CAPABLE.
	CEILING MOUNTED DUAL TECHNOLOGY, LOW–VOLTAGE (WIRED VIA POWER–PAK), BUILT–IN LIGHT LEVEL SENSOR FOR AUTOMATIC DAYLITE CONTROLS, LOW–VOLTAGE MOMENTARY SWITCH INPUT FOR MANUAL ON/OFF OPERATION, AND 30–MINUTE AUTO SHUTOFF, AND 50% ON CAPABILITIES.
–1	CEILING OR WALL MOUNTED PIR TECHNOLOGY, 24V WATTSTOPPER CX–105–1 OR EQUAL, LONG RANGE. COORDINATE AIMING IN THE FIELD (WIRE VIA BZ–150 POWER PACK)
–3	CEILING OR WALL MOUNTED PIR TECHNOLOGY, 24V WATTSTOPPER CX–105–3 OR EQUAL, 2–SIDED AISLEWAYS. COORDINATE AIMING IN THE FIELD (WIRE VIA BZ–150 POWER PACK)
BZ	WATTSTOPPER BZ–150 CLASS 2 POWER PACK SUPPLY FOR 24V 'DW–SERIES' OCCUPANCY SENSORS.

	POWER
S_M	HORSEPOWER RATED MANUAL MOTOR STARTER WITH THERMAL OVERLOAD(S) SIZED PER NEMA & NEC.
	CONTRACTOR FURNISHED AND INSTALLED BY OTHERS.
	CONTRACTOR FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SIZE AS INDICATED ON DRAWINGS.
	MAGNETIC MOTOR STARTER FURNISHED AND INSTALLED WITH MOTOR.
	MAGNETIC MOTOR CONTROLLER FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SIZE AS INDICATED ON THE DRAWINGS.
	DISCONNECT SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE. PROVIDE NEMA 3R ENCLOSURE IN EXTERIOR.
	ELECTRICAL MOTOR. SEE DRAWINGS FOR SIZE.
	CIRCUIT BREAKER. SIZE AS NOTED ON DRAWINGS.
	FUSED SWITCH. SIZE AS INDICATED ON DRAWINGS.
	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER OR SERVICE ENTRANCE SECTION. SEE DRAWING FOR EXACT TYPE.
T	TRANSFORMER. SEE DRAWINGS FOR TYPE AND SPECIFICATION.
	SURFACE MOUNTED PANEL BOARD. MOUNT TOP OF PANEL AT +6'–6" AFF OR AS NOTED.
	FLUSH MOUNTED PANEL BOARD. MOUNT TOP OF PANEL AT +6'–6" AFF OR AS NOTED.
	CONTROL CABINET.
	TELEPHONE TERMINAL BOARD. 3/4" CDX PLYWOOD TELEPHONE MOUNTING BOARD WITH #6 COPPER GROUND & DEDICATED DUPLEX CONVENIENCE OUTLET. FURNISH IN ACCORDANCE WITH TELEPHONE COMPANY'S REQUIREMENTS. SIZE AS NOTED ON DRAWINGS.
	WIRE/CONDUIT
	FLEXIBLE CONDUIT AT CONNECTIONS TO VIBRATING EQUIPMENT AND TRANSFORMERS. PROVIDE LIQUID–TIGHT FLEX IN WET OR EXTERIOR LOCATIONS.
	CONDUIT CONCEALED IN WALLS OR ABOVE CEILING OR SURFACE MOUNT IN UNFINISHED AREAS. OR AS NOTED.
	CONDUIT ROUTED UNDER FLOOR OR BELOW GRADE.
	P.A./SOUND
	CLOCK OUTLET.
	CEILING MOUNTED SPEAKER.
	WALL MOUNTED SPEAKER.
	INTERCOM PUSHBUTTON OR HANDSET. SEE SPECIFICATIONS FOR EXACT TYPE.
	BELL/BUZZER. SEE DRAWINGS FOR SPECIFICATION.
	CHIME. SEE DRAWINGS FOR SPECIFICATION.
	PUSHBUTTON. SEE DRAWINGS FOR SPECIFICATION.
	ABBREVIATIONS
A.F.F.	ABOVE FINISHED FLOOR.
A.F.G.	ABOVE FINISHED GRADE.
E.F.	EXHAUST FAN
EM	EMERGENCY LIGHT. BYPASS LOCAL SWITCHING AND PROVIDE BATTERY PACK WHERE REQUIRED.
ER	EXISTING TO BE RELOCATED AS INDICATED.
EX	EXISTING TO REMAIN.
GFCI	GROUND FAULT CURRENT INTERRUPTER.
GND.	GROUND
I.G.	ISOLATED GROUND
N	NEW
N3R	NEMA 3R.
NL	NIGHT LIGHT. BYPASS LOCAL SWITCHING.
U.N.O.	UNLESS NOTED OTHERWISE.
WP	WEATHERPROOF.
XP	EXPLOSION PROOF.
XR	EXISTING TO BE REMOVED.

NOTES: MINIMUM CIRCUIT SIZE IS 2 #12 AWG, CU, 1 #12 GND. OR AS NOTED.

GENERAL NOTES AND SPECS

1. PROVIDE ALL MATERIALS & LABOR REQUIRED TO ACHIEVE A COMPLETE & OPERATIONAL SYSTEM.
2. COORDINATE AND OBTAIN APPROVALS FROM ALL RESPECTIVE UTILITY COMPANIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
3. INSTALL RACEWAY SYSTEMS AS FOLLOWS:
   - 3.1. USE RIGID GALVANIZED STEEL IN ALL AREAS EXPOSED TO WEATHER OR PHYSICAL DAMAGE.
   - 3.2. USE FLEXIBLE METALLIC CONDUIT ONLY IN AREAS AS PERMITTED BY LOCAL AUTHORITY HAVING JURISDICTION.
   - 3.3. USE SEAL–TITE IN AREAS EXPOSED TO WEATHER.
   - 3.4. USE COMPRESSION TYPE FITTINGS FOR ELECTRICAL METALLIC TUBING WHERE UTILIZED.
   - 3.5. USE P.V.C. CONDUIT UNDERGROUND WITH CODE SIZED GROUND. CONDUIT RISERS AND STUBS ABOVE GRADE SHALL BE I.M.C. WITH HALF–LAPPED TAPE COVERING OR P.V.C. COATING.
4. ALL NEW WIRING SHALL BE COPPER TYPE "THHN/THWN" – U.O.N .
5. ROOF MOUNTED CONDUIT FOR EQUIPMENT SHALL BE ROUTED BELOW ROOF, WITHIN THE BUILDING.
6. ALL FIXTURE, DEVICE, ETC ... LOCATIONS SHALL BE VERIFIED WITH ARCH. DRAWINGS AS WELL AS EQUIPMENT SUPPLIER REQUIREMENTS PRIOR TO ANY ROUGH–IN WORK.
7. ALL LIGHTING FIXTURES SHALL BE MOUNTED AND SUPPORTED IN ACCORDANCE WITH OSHA STANDARDS AND ALL LOCAL, STATE, AND NATIONAL ELECTRICAL CODES.
8. ELECTRONIC BALLASTS FOR FLUORESCENT LIGHTING FIXTURES SHALL HAVE A MINIMUM BALLAST FACTOR (BF) OF 0.90 OR GREATER UNLESS OTHERWISE SPECIFIED.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE LIGHTING FIXTURE MOUNTING KITS AS REQUIRED TO SUIT THE EXACT TYPE OF CEILING TO WHICH THEY ARE MOUNTED.
10. THESE DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE INTENT OF EQUIPMENT, DEVICES, ETC ... TO BE CONNECTED AND THE CIRCUITS TO WHICH THEY ARE TO BE CONNECTED TO. CONTRACTOR SHALL INSTALL ALL CONDUIT, J–BOXES, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
11. ALL EXTERIOR EQUIPMENT SHALL BE WEATHERPROOF.
12. ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL GOVERNING CODES.
13. ALL EQUIPMENT SHALL BE NEW AND BEAR A "UL" LABEL – U.O.N.
14. ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY BUILDING PERMITS.
15. COMPLETE ELECTRICAL INSTALLATION SHALL BE GUARANTEED IN WRITING FOR A PERIOD OF (1) YEAR – U.O.N.
16. ELECTRICAL CONTRACTOR SHALL INCLUDE IN BID – COSTS FOR ALL HVAC CONTROL COMPONENTS, CONDUITS, DEVICES, ETC. AS DEEMED NECESSARY FOR A COMPLETE AND OPERATIONAL HVAC SYSTEM. REFER TO MECHANICAL DRAWINGS, DIAGRAMS AND SPECS FOR THOSE ITEMS REQUIRED UNDER THE ELECTRICAL SECTION OF THIS CONTRACT.
17. ELECTRICAL CONTRACTOR SHALL VISIT SITE PRIOR TO BID DATE, TO VERIFY ALL EXISTING CONDITIONS TO BE ENCOUNTERED IN THE INSTALLATION OF ALL NEW EQUIPMENT, FIXTURES, DEVICES, FEEDERS, ETC .. EXACT INSTALLATION METHOD & REQUIREMENTS SHALL BE VERIFIED & DETERMINED PRIOR TO BID DATE. CONTRACTORS SHALL IMMEDIATELY NOTIFY THIS ENGINEER OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT SHOWN ON THESE DRAWINGS. SUBMITTAL OF BID INDICATES CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED.
18. ALL ELECTRICAL EQUIPMENT CHARACTERISTICS, LOCATIONS, AND CONNECTION REQUIREMENTS SHALL BE VERIFIED PRIOR TO ANY ROUGH–IN WORK.
19. ELECTRICAL CONTRACTOR SHALL FURNISH THE FOLLOWING SHOP DRAWINGS FOR PRIOR APPROVAL:
   - 19.1. ALL SUBSTITUTED LIGHT FIXTURES.
   - 19.2. ALL ELECTRICAL SERVICE EQUIPMENT, DISTRIBUTION EQUIPMENT AND PANELBOARDS.
   - 19.3. OTHER ITEMS AS SPECIFICALLY INDICATED.
20. THESE ITEMS SHALL BE APPROVED BY THIS OFFICE PRIOR TO ANY COMMENCEMENT OF PLACING ORDERS OR PERFORMING ANY ROUGH–IN WORK.
21. COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE PRESENTLY ADOPTED EDITION OF THE N.E.C. ART. 250.
22. PENETRATIONS OF ALL FIRE RATED WALLS OR CEILINGS SHALL BE FIRE RATED IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL CODES.
23. PROVIDE ENGRAVED PLASTIC NAMEPLATES FOR ALL MAJOR ELECTRICAL EQUIPMENT.
24. PROVIDE THE OWNER AND THIS ENGINEER WITH ONE SET OF ELECTRICAL "AS–BUILTS" AT THE COMPLETION OF JOB.
25. ALL DISCONNECT SWITCHES TO BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
26. A GREEN CODE SIZE EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED WITH ALL BRANCH CIRCUIT WIRING AND FEEDERS, 50V AND GREATER, SIZED PER NEC 250.122.
27. ALL ENERGIZED ELECTRICAL EQUIPMENT SHALL COMPLY TO NEC 110.26 WORKING CLEARANCES.
28. ALL EMPTY CONDUIT SHALL BE WITH PULLSTRING.
29. NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
30. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
31. THE MINIMUM DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL PROVISIONS OF THE LOCAL JURISDICTION.
32. INSTALLATIONS OF ALL ELECTRICAL SYSTEMS, INCLUDING BUT NOT LIMITED TO, ALTERATIONS, REPAIR, REPLACEMENT, EQUIPMENT, APPLIANCES, FIXTURES, FITTINGS AND APPURTENANCES THERETO, SHALL COMPLY WITH THE CURRENT ACCEPTED NEC VERSION AND PROVISIONS OF THE LOCAL JURISDICTION.

FIRE ALARM NOTE

THE FIRE ALARM DEVICES SHOWN ON THIS DWG (IF ANY) ARE FOR BIDDING PURPOSES ONLY, AND NOT FOR CONSTRUCTION. THE FIRE ALARM SYSTEM, DEVICES OR MODIFICATIONS WILL BE PROVIDED UNDER SEPARATE SUBMITTAL BY A CERTIFIED FIRE ALARM VENDOR. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH FA VENDOR AND OTHER DISCIPLINES AS REQUIRED FOR AN APPROVED CERTIFICATE OF OCCUPANCY.

CITY OF LANSING NOTE

AN ELECTRICAL PERMIT SHALL BE ACQUIRED BY A STATE–LICENSED CONTRACTOR REGISTERED WITH THE CITY OF LANSING.
ALL ELECTRICAL WORK SHALL BE INSTALLED IN COMPLIANCE WITH 2017 NATIONAL ELECTRIC CODE (NEC)
ALL ELECTICAL WORK IS SUBJECT TO FIELD REVIEW.

SITE PLAN GENERAL NOTES

1. ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF.
2. ELECTRICAL CONTRACTOR SHALL CONTACT POWER COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, TRENCH LOCATIONS, TRANSFORMER LOCATION, METER LOCATION, ETC...
3. ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY SECONDARY CONDUITS, POWER TRENCHING, BACKFILL, CONCRETE PADS FOR TRANSFORMER AND SERVICE EQUIPMENT AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY POWER COMPANY AND TO THEIR SPECIFICATIONS.
4. ELECTRICAL CONTRACTOR SHALL CONTACT TELEPHONE COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT AND TRENCH LOCATIONS.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE TRENCHING, BACKFILL, AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY TELEPHONE COMPANY AND TO THEIR SPECIFICATIONS.
6. ALL WIRING FOR OUTSIDE LIGHTING AND POWER DEVICES SHALL BE A MINIMUM 3/4" CONDUIT WITH A MINIMUM OF #10 COPPER TYPE "XHHW" INSULATION (UNO) FOR UNDERGROUND CIRCUITS RUN IN PVC. PROVIDE A #10 COPPER BOND IN ADDITION TO CIRCUIT.
7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND COMPLIANCE WITH THE UTILITY COMPANY'S REQUIREMENTS WITHIN 2 WEEKS AFTER AWARD OF CONTRACT. SUBMIT (2) COMPLETE SETS OF PLANS, INCLUDING PLOT OF SURVEY, TO UTILITY COMPANY FOR COORDINATION. ROUTING OF INCOMING POWER AND TELEPHONE SERVICE SHOWN ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL ROUTING CONDUIT, TRENCH AND PAD REQUIREMENTS SHALL BE AS SPECIFIED BY THE UTILITY COMPANY. CONFIRM ALL REQUIREMENTS WITH UTILITIES PRIOR TO INSTALLATION.
8. ALL SITE AND BUILDING LIGHTING SHOWN ON THE CITY APPROVED PLANS SHALL NOT BE ALTERED OR SUBSTITUTED. IF A SUBSTITUTION OR ALTERATION OCCURS, THE PARTY RESPONSIBLE SHALL SUBMIT TO THE CITY "ALL CITY REQUIRED PHOTOMETRIC DOCUMENTS TO OBTAIN APPROVAL. ELECTRICAL ENGINEER SHALL BE RESPONSIBLE FOR ANY ALTERATIONS AND/OR CHANGES TO THE CITY APPROVED PLANS. THE SUBSTITUTING PARTY SHALL BE RESPONSIBLE FOR REIMBURSEMENT TO ELECTRICAL ENGINEER FOR REVISIONS NECESSARY TO CITY CONSTRUCTION DOCUMENTS",
9. COORDINATE LOCATION AND REQUIREMENTS OF BACKFLOW PREVENTER CONDUIT ROUTING WITH PLUMBING PLANS.
10. THE ELECTRICAL INSTALLATION SHALL CONFORM TO ANY AND ALL LOCAL AND STATE SEISMIC REQUIREMENTS.
11. COORDINATE LOCATIONS OF ALL SITE LIGHTING FIXTURES WITH CIVIL AND LANDSCAPE DRAWINGS PRIOR TO ROUGH–IN.

DEFERRED FIRE ALARM NOTES

1. THE LOCATION OF ALL AUTOMATIC DETECTORS, MANUAL PULL STATIONS AND OTHER F.A. DEVICES/EQUIPMENT WILL BE SUBMITTED AS DEFERRED DESIGN BUILD.
2. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE INSTALLED UNTIL DETAILED SHOP DRAWINGS AND SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO FLOOR PLANS INDICATING ALL CONDUIT AND CONDUCTOR SIZES., RISER DIAGRAMS, WIRING DIAGRAMS, BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, CATALOG CUT SHEETS, AND STATE FIR MARSHAL LISTING NUMBERS) FOR EACH COMPONENT OF THE FIRE ALARM SYSTEM HAS BEEN APPROVED BY THE LOCAL FIRE MARSHAL UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM. A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE FIRE AUTHORITY HAVING JURISDICTION.
3. IT SHALL BE THE CONTRACTORS VENDORS RESPONSIBILITY TO PROVIDE THE VISUAL STROBE APPLIANCES WITH THE CORRECT CANDELA RATING NECESSARY TO PROVIDE THE PROPER COVERAGE REQUIRED IN COMPLIANCE W/ THE NFPA FOR THE SPACE SERVED.
4. THE FIRE ALARM SYSTEM SHALL CONFORM TO ALL THE LATEST VERSIONS OF LOCAL CODES, UNIFORM BUILDING CODE, UNIFORM FIRE CODE, AND NFPA 72 & 101.
5. THE FIRE ALARM CONTRACTOR SHALL SUBMIT COMPLETED NFPA72 FIRE ALARM CERTIFICATE OF COMPLETION TO THE LOCAL AUTHORITY HAVING JURISDICTION UPON COMPLETION OF THE PROJECT.
6. INSULATED CONDUCTORS USED IN WET LOCATIONS SHALL BE THWN OR XHHW. CABLES OF ONE OR MORE CONDUCTORS USED IN WET LOCATIONS SHALL BE OF A TYPE LISTED FOR USE IN WET LOCATIONS.
7. ALARM INDICATING DEVICES SHALL BE LOCATED SO IT IS OBSTRUCTED AS NOT TO CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 10dB ABOVE AMBIENT NOISE LEVELS MEASURED 4 FT ABOVE THE FLOOR. AMBIENT NOISE LEVEL MEANS THE LEVEL WHICH CAN NORMALLY BE EXPECTED WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATING OR WORKING CONDITIONS. (NFPA PAMPHLET 72)
8. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT WORKING LOCATIONS OF ALL FIRE DETECTION DEVICES. THE CONTRACTOR SHOULD NOT LOCATE DETECTORS IN A DIRECT AIR FLOW NOR CLOSER THAN 3 FT. FROM AN AIR SUPPLY DIFFUSER.
9. SMOKE DETECTORS FOR DOOR HOLDERS SHALL BE LOCATED A MINIMUM OF THE HEIGHT OF WALL ABOVE THE DOOR AND A MAXIMUM OF 5 FT, FROM THE DOOR.
10. ALL DUCT DETECTORS MOUNTED WITHIN THE CEILING SPACES SHALL BE PROVIDED WITH A REMOTE INDICATING LIGHT MOUNTED ON THE CEILING DIRECTLY BELOW THE DETECTOR.
11. VENDOR/CONTRACTOR OF THE FIRE ALARM SYSTEM SHALL PROVIDE A MINIMUM OF 1 YEAR GUARANTEE CERTIFICATE FOR LABOR AND MATERIALS. INSTRUCTIONS AND MAINTENANCE MANUAL WITH A 24 HR FACTORY REPRESENTATIVE SUPPORT PHONE NUMBER. PROVIDE 8 HRS OF INSTRUCTION TIME TO SHOW THE OWNERS REP THE FUNCTION OF THE SYSTEM/S.
12. DUCT DETECTORS SHALL PROVIDED AND TERMINATED BY THE ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL MATERIAL REQUIRED TO PROVIDE THE CONNECTION FROM DUCT DETECTORS TO THE UNITS FOR FAN SHUT DOWN. SYSTEM SHALL BE PROGRAMMED WHERE UPON ACTIVATION OF ANY ONE DUCT DETECTOR, ALL UNITS WILL SHUT DOWN.
13. ALL REQUIRED INITIATING DEVICES SHALL BE PROVIDED IN ALL OF THE ELEVATOR SHAFTS, ELEVATOR PITS, AND ELEVATOR LOBBIES IN COMPLIANCE TO THE CURRENT ELEVATOR CODES. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL MATERIALS REQUIRED TO PROVIDE CONNECTION FROM THE FIRE ALARM SYSTEM DEVICES/SYSTEM TO THE SHUNT–TRIP EQUIPMENT FOR SHUT–DOWN OF THE ELEVATORS INCOMING POWER SUPPLY, IN COMPLIANCE WITH THE CURRENT ELEVATOR CODE/S. IN ADDITION, ALL REQUIRED DEVICES/EQUIPMENT SHALL BE PROVIDED FOR ANY NECESSARY ELEVATOR RECALLS.
14. COORDINATE LOCATION OF WATER FLOW AND TAMPER SWITCHES W/PLUMBING.
15. CONFIRM WITH THE CITY, COUNTY, AND STATE FOR ALL FIRE ALARM REQUIREMENTS PRIOR TO INSTALLATION.

CODE INFORMATION

A. LOUISIANA STATE UNIFORM CONSTRUCTION CODE BASED ON (2015 IBC, IMC, IFGC, IPC, IFC, 2009 IECC & 2014 NEC).

B. ALL SYSTEMS SHALL BE IN COMPLIANCE WITH THE ABOVE CODES AS ADOPTED BY CITY OF NEW ORLEANS, LA.

SHEET NOTES:

REVISIONS:

NO.	DATE	AMTRACK	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
DAVID W. DAY
License No. 12876
PROFESSIONAL ENGINEER
ELECTRICAL

ARCHITECT LOGO:

PROJECT CONTACT:
Jim Maroney
(480) 566-8300

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

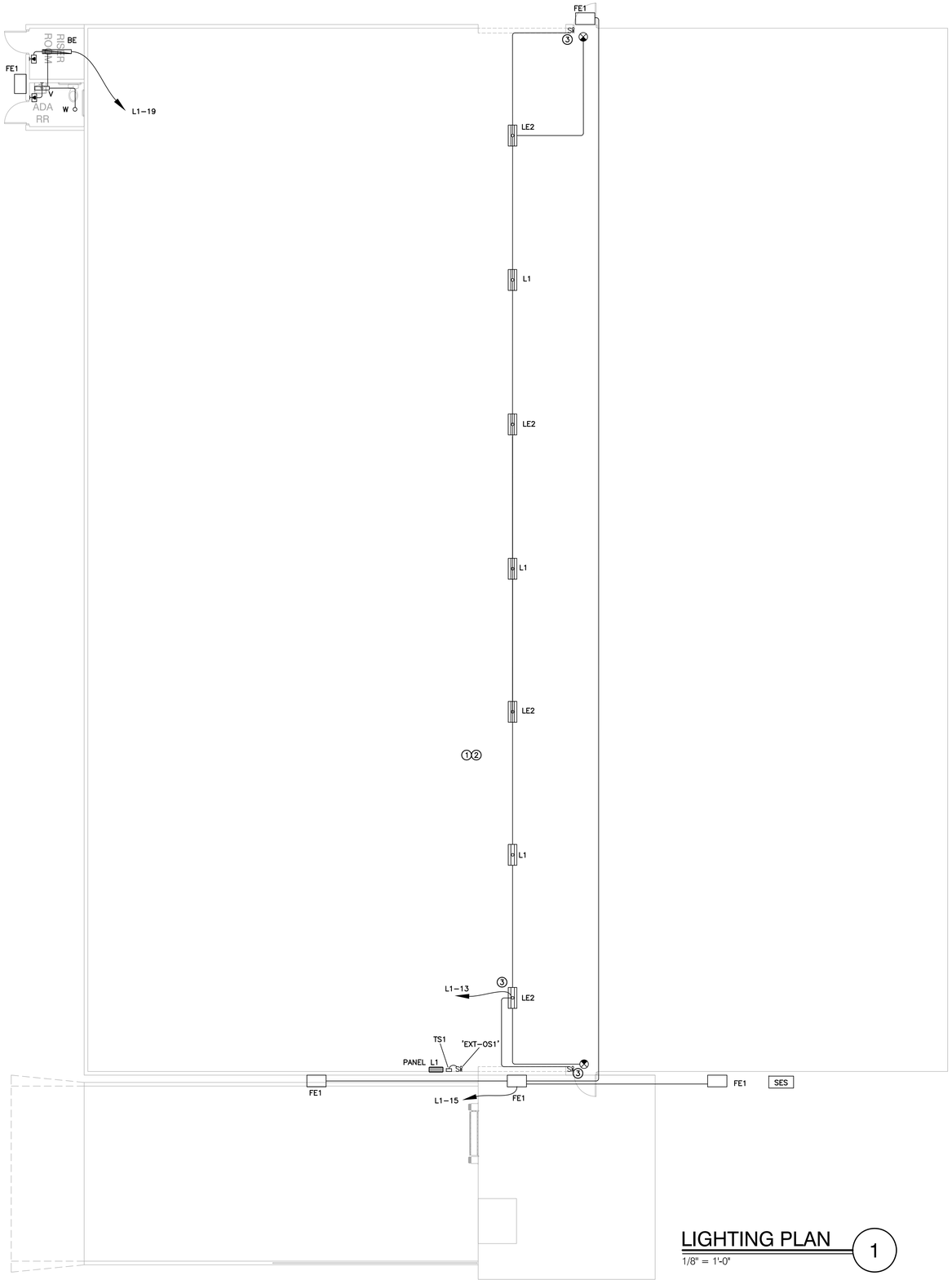
SITE ADDRESS:
U–Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

SHEET CONTENTS:
ELECTRICAL SYMBOLS & SPECIFICATIONS
PHASE 1 BUILDING A

747074

DRAWN:	MW	E0.1.1
CHECKED:	AML	
DATE:	08/18/21	

© 2021 AMERCO REAL ESTATE COMPANY



LIGHTING PLAN (1)

1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

A. ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF.

B. ALL WIRING FOR OUTDOOR LIGHTING AND POWER DEVICES SHALL BE MIN. #10 AWG CU. , THWN INSULATION (UNO.). FOR UNDERGROUND CIRCUITS RUN IN NO METALLIC CONDUIT, PROVIDE A #10 AWG CU. BOND WIRE, IN ADDITION TO CIRCUIT CONDUCTORS.

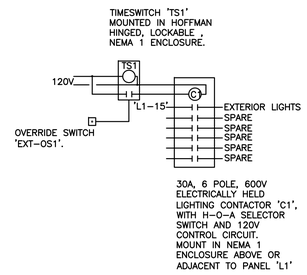
C. PROVIDE UNSWITCHED HOT TO ALL EMERGENCY BATTERY PACK/ BALLASTS, "NL" (NIGHT LIGHT) , AND EXIT SIGNS.

D. CONDUIT AND CIRCUIT ROUTING SHOWN ON THESE DRAWINGS IS DIAGRAMMATIC AND IS FOR CLARITY OF PLANS ONLY. COORDINATE ALL ROUTING REQUIREMENTS PRIOR TO START OF WORK.

E. MEMBRANE PENETRATIONS THROUGH 3-HR RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH THE LATEST ADOPTED IBC ARTICLE 713.3.2.

KEY NOTES (#)

1. COORDINATE ALL EXIT SIGN LOCATIONS AND DIRECTIONAL ARROWS WITH ARCHITECTURAL PLANS PRIOR TO START OF WORK.
2. COORDINATE MOUNTING HEIGHTS OF ALL LIGHT FIXTURES WITH ARCHITECT DRAWINGS PRIOR TO INSTALLATION.
3. FIXTURE TYPES 'L1' AND 'LE2' HAVE INTEGRAL OCCUPANCY SENSOR. PROVIDE COMPATIBLE WALL SWITCH INDICATED FOR BOTH MANUAL AND OVERRIDE CONTROLS.



TIME CLOCK CONTROLS, TS1 (2)

NTS

OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANT RATED WALLS, PARTITIONS AND FLOORS OR CEILINGS SHALL BE FIRESTOPPED USING APPROVED METHODS, TO MAINTAIN THE FIRE RESISTANCE RATING PER ARTICLE 300.21 2014 NEC.

0' 5' 10' 15' 20' 25' 30'

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

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
DAVID W. DAY
License No. 12976
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEER

ARCHITECT LOGO:

PROJECT CONTACT:
Jim Maroney
(480) 566-8300

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

SHEET CONTENTS:
LIGHTING PLAN
PHASE 1
BUILDING A

747074

DRAWN:	MW	E3.1.1
CHECKED:	AML	
DATE:	08/18/21	

© 2021 AMERCO REAL ESTATE COMPANY

![LITHONIA LIGHTING]

Catalog Number	
Notes	
Type	L1,LE2

FEATURES & SPECIFICATIONS

INTENDED USE — The I-BEAM® IBZ fluorescent high bay is ideal for new construction and renovation projects. It is a one-for-one replacement of common metal halide high bay systems. Applications include manufacturing, warehousing, commercial and industrial facilities. The IBZ fixture performs well at mounting heights from 15'-40'. **Certain airborne contaminants can diminish integrity of acrylic.** Click here for Acrylic Environmental Compatibility table for suitable uses.

CONSTRUCTION — The highly configurable design of the IBZ high bay allows for a multitude of fixture options that can either be factory- or field-installed. In addition to the reliable operation of IBZ fixtures, the reflectors tightly control the distribution of light and effectively manage lamp heat to increase the overall efficiency. The result is superior optics in either narrow distribution for aisles, or wide distribution for general lighting. Installation is made quick and easy with IBZ hanging accessories such as the aircraft cable and single-point mounting bracket. IBZ fixtures can be factory-wired to have both sensors and cord sets, further reducing installation time. The configurability, performance and ease of installation make IBZ fixtures the preferred choice for fluorescent high bay lighting.

Channel is formed of heavy-duty code-gauge (22-gauge) steel to stand up to the most demanding elements. Lamp holder assembly protects from incidental damage or movement of sockets during handling and installation. Sockets include secure positioning rotating collars with enclosed contacts. Access plate on the back of the channel housing allows quick and easy wiring. Finish: Channel is high-gloss white baked enamel; five-stage iron phosphate pretreatment ensures superior paint adhesion and rust resistance.

OPTICS — Two optical systems are available. Narrow distribution is ideal for narrow or aisle lighting applications and features precision-formed segmented optics utilizing specular aluminum reflector. Provides 95% reflectivity and warranted for 25 years. Wide distribution includes high-reflectance white finish for general or open areas.

ELECTRICAL — Thermally protected, resetting, Class P, HPF, A+ sound-rated electronic ballast. AWM TFM or THHN wire used throughout rated for required temperatures. Ballast disconnect (BDP) is standard unless EL14 or cordset is requested.

INSTALLATION — Suitable for suspension by chain, cable, surface-mounting bracket, hook monopoint or single (pendant) monopoint. Surface mounting not recommended without optional surface mounting bracket.

LISTINGS — CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08 for 25C ambient operation). Suitable for damp locations.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

I-BEAM® IBZ FLUORESCENT HIGH BAY

Fluorescent High Bay

IBZ

4-, 6- or 8-lamp T8

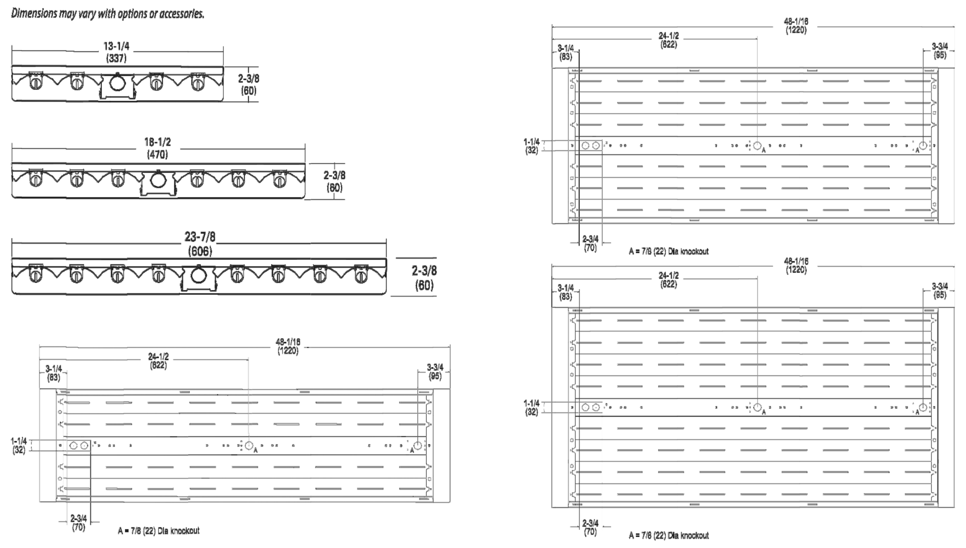
Patent Pending

SPECIFICATIONS	Length	Width	Depth	Weight
4-lamp	48-1/16 (1221)	13-1/4 (337)	2-3/8 (60)	16 lbs. (7.3 kg)
6-lamp	48-1/16 (1221)	18-1/8 (460)	2-3/8 (60)	20 lbs (9.1 kg)
8-lamp	48-1/16 (1221)	23-7/8 (606)	2-3/8 (60)	25 lbs. (11.3 kg)

All dimensions are inches (millimeters) unless otherwise specified and may vary with options or accessories.

DIMENSIONS

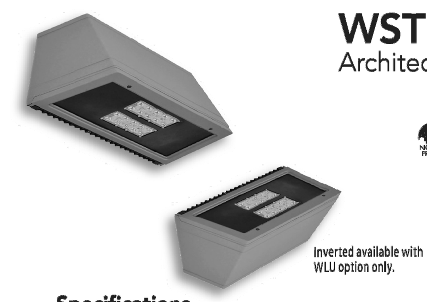
Dimensions may vary with options or accessories.



INDUSTRIAL

IBZ_X32
Page 1 of 4

WST LED
Architectural Wall Sconce



Catalog Number	
Notes	
Type	F1, F1E

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The classic Architectural Wall Sconce is now available with the latest in LED technology. The result is a long-life, maintenance-free product with typical energy savings of 75% compared to metal halide versions. The integral battery backup option provides emergency egress lighting, without the use of a back-box or remote gear, so installations maintain their aesthetic integrity.

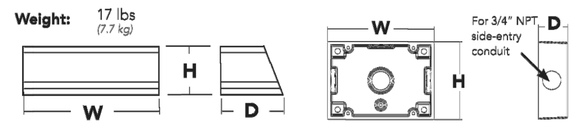
The WST LED is ideal for replacing existing 50 – 175W metal halide wall-mounted products. The expected service life is 20+ years of nighttime use.

Specifications
Luminaire

Height:	7-1/4" (18.4 cm)
Width:	16-1/4" (41.3 cm)
Depth:	9-1/8" (23.2 cm)
Weight:	17 lbs (7.7 kg)

Optional Back Box (BBW)

Height:	4" (10.2 cm)
Width:	5-1/2" (14.0 cm)
Depth:	1-1/2" (3.8 cm)



Ordering Information

EXAMPLE: WST LED 2 10A700/40K SR3 MVOLT DDBTXD

WST LED							
Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options[1]	Finish *(required)*
WST LED	1 One engine (10 LEDs) 2 Two engines (20 LEDs)	**700 mA options:** 10A700/30K 3000K 10A700/40K 4000K 10A700/50K 5000K	SR2 Type II SR3 Type III SR4 Type IV	MVOLT[1] 120[1] 208[1] 240[1] 277[1] 347 480	**Shipped included** (blank) Surface mount **Shipped separately**[2] BBW Surface-mounted back box UT5 Uptilt 5 degrees	**Shipped installed** PE Photoelectric cell, button type[4,5] SF Single fuse (120, 277, 347V)[4] DF Double fuse (208, 240, 480V)[4] DMG 0-10V dimming driver (no controls) ELCW Emergency battery backup[6] WLU Wet location door for up orientation[7] PIR Motion/ambient light sensor[8] DS Dual switching[9] **Shipped separately** VG Vandal guard WG Wire guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Emergency Battery Operation

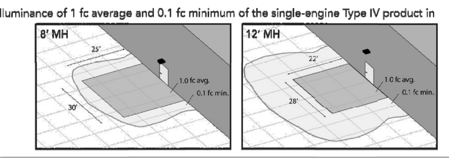
The emergency battery backup (ELCW option) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All ELCW configurations include an independent secondary driver with an integral relay to immediately detect AC power loss. Dual light engines are wired in parallel so both engines operate in emergency mode and provide additional component redundancy. These design features meet various interpretations of NFPA 70/NEC 2008 - 700.16

The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per International Building Code Section 1006 and NFPA 101 Life Safety Code Section 7.9, provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.

WST LED 1 10A700/40K SR4 MVOLT ELCW
10' x 10' Gridlines
8' and 12' Mounting Height



NOTES

1. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE), fusing (SF, DF), or dual switching (DS).
2. May also be ordered separately as an accessory. Ex: WSBBW DDBXD U. Must specify finish.
3. Must be ordered with fixture; cannot be field installed.
4. Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
5. Not available with 480V option. Not available with motion/ambient light sensor (PIR).
6. Integral battery pack is rated for -20° to 60°C operating temperature. ELCW warranty is 3-year period. Not available with 347V or 480V. Not available with WLU.
7. WLU not available with PIR or ELCW.
8. Specifies the SensorSwitch SFOD-7-ODP control (photocell included); see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with WLU, VG or WG.
9. Provides 50/50 luminaire operation via two independent drivers and light engines on two separate circuits. Not available with one engine, MVOLT, ELCW, WLU, SF, or DF. Must specify voltage; voltage must be the same for both drivers. When ordered with photocell (PE) or motion sensor (PIR), only the primary power source leads will be controlled.

LITHONIA LIGHTING. One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • www.lithonia.com

© 2011-2015 Acuity Brands Lighting, Inc. All rights reserved.

WST-LED
Rev. 08/11/15

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	EXIT

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring attractive, quick-installation exit signs and low energy consumption.

CONSTRUCTION — Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant, and corrosion-proof. UL94V-0 flame rating. UV-stable resin resists discoloration from natural and man-made light sources.

Rugged unibody housing snaps together with no additional mechanical fasteners. Faceplate and back cover are interchangeable on housing. Positive snap-fit tabs hold faceplate securely, yet easily removable for lamp compartment access.

Universal directional Chevron inserts are easily removed and reinserted. Uniform illumination without shadows or hot spots. Reinforced, impact-resistant color panels. Letters 6" high with 3/4" stroke, with 100 ft. viewing distance rating, based upon UL924 standards.

U.S. Patent No. 5,526,251; 5,611,163; 5,739,639; 5,954,423; 5,988,825; 6,152,581; D383,501; D495,751 and 6,502,044. Other patents pending.

OPTICS — LEDs mounted on printed circuit boards. Low energy consumption – less than one watt. LED lamp operates in normal (AC input) and emergency (DC input) modes.

The typical life of the exit LED lamp is 10 years.

ELECTRICAL — Low-voltage disconnect prevents excessively deep discharge that can permanently damage battery. Conveniently located test switch and LED provide visual and manual means of monitoring system.

Constant-current series charger minimizes energy consumption and provides low operating costs. Printed circuit boards are 100% quality tested during manufacturing. Current-limiting charger circuitry protects printed circuit boards from shorts.

AC/LV reset (line latch) allows battery connection before AC power is applied and aids in preventing battery damage from deep discharge.

Crystal oscillator timing system with watchdog protection for precision accuracy.

Brownout protection is automatically switched to emergency mode when supply voltage drops below 80% of nominal.

Battery: Sealed, maintenance-free nickel-cadmium battery delivers 90-minutes capacity to emergency lamps. Two-state constant-current charge maximizes battery life and automatically recharges after battery discharge.

Diagnostics: Single-point microcomputer control for all electronic features.

Single multi-chromatic LED indicator to display two-state charging, test activation and three-state diagnostic status.

Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection. Self-diagnostic testing for five minutes every 30 days and 30 minutes every six months and 90 mins annually with WRS.

Diagnostic evaluation of LED light source, AC to DC transfer, charging and battery condition. Continuously monitors AC functionality.

INSTALLATION — Universal (top-, end-, or back-) mounting. Easily removed mounting knockouts. J-box pattern on back panel. Housing snaps to canopy with four positive-locking tabs. Cam-locking pin tightly secures housing to canopy.

Ships standard with additional face plate.

LISTINGS — UL damp location listed 50°-104°F (10°-40°C) standard. NOM Certified (see options). Meets UL924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. NEMA Premium certified. Meets all applicable FCC requirements.

QUANTUM®

Thermoplastic Exits

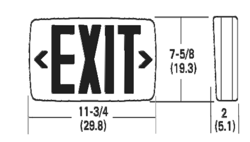
LQM

LED LAMPS

NEMA Premium

Specifications

Length: 11-3/4 (29.8)
Depth: 2 (5.1)
Height: 7-5/8 (19.3)
Weight: 2.6 lbs (1.2 kgs)



All dimensions are inches (centimeters) unless otherwise specified.

WARRANTY — 5-year limited warranty. (Battery is prorated.) Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

ORDERING INFORMATION For shortest lead times, configure product using **bolded options.**

Example: LQM S W 3 R 120/277 EL N

LQM							
Family	Face type	Housing color	Number of faces	Letter color	Input voltage[2]	Operation	Options
LQM	S Stencil P Panel[1]	(blank) Black W White	3 Single face with extra faceplate and color panel	R Red G Green	120/277 Dual voltage	(blank) AC only X2 Primary and secondary AC inputs provided[3] EL N Nickel cadmium battery	(blank) None NOM NOM certified for Mexico[4] SD Self-diagnostics[5] SDFIFA Self-diagnostics, fire alarm flashing interface and flashing emergency operation and intermittent audible alarm (one flash/one second)[5]

Accessories: Order as separate item.			
ELA WG1	Back-mount wireguard[6]	ELA WGEXE	End-mount wireguard[6]
ELA WGEXT	Top-mount wireguard[6]	ELA LQMUS12	12" stem kit[7]

Notes

1. Only available in custom signage. See spec sheet, Custom-Signage.
2. Some special voltages available. Consult factory.
3. Must specify input voltage 120 or 277. Not available with other options.
4. Available with stencil or panel faces in white housing.
5. Only available with EL N operation.
6. See spec sheet ELA-WG.
7. See spec sheet ELA-Stemkits.

EMERGENCY

LQM

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	A/AE/B/BE/C/CE

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal where high brightness and good illumination levels are required such as retail, light industrial and warehouses.

Attributes: Available in one lamp or two lamp configuration.

CONSTRUCTION — Heavy-duty channel, die-formed from code-gauge steel.

Sturdy channel cover secured by captive quarter-turn latch for easy access to wireway.

Combination endplate/channel connector furnished with each fixture.

Finish: Five-stage iron phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

ELECTRICAL — Thermally protected, resetting, Class P, UL Listed and CSA Certified ballast is standard. Sound rating depends on lamp/ballast combination.

AWM, TFN, THHN wire throughout, rated for required temperatures.

INSTALLATION — For unit or row installations, surface or suspended mounting.

LISTINGS — UL listed to US and Canadian safety standards. Optional: Mexico NOM.

Damp location listed.

Listed for 25 degree C ambient temperature.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

General-Purpose Strip

C

2', 3', 4', 6' and 8' length
1 or 2 lamps

Specifications

Length:	24" (61.0) 36" (91.4) 48" (121.9) 72" (182.9) 96" (243.8)
Width:	4-3/8" (11.1)
Fixture Depth:	2-1/16" (5.2)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: C 2 32 MVOLT GEB10IS

C				
Series	Number of lamps	Lamp type	Voltage	Options
C General-purpose strip For tandem double length unit, add prefix T. Example: TC	1 2 lamp not included	T8 17 17W T8 (24") 25 25W T8 (36") 32 32W T8 (48") 96T8 59W T8 slimline (96") T8HO 48T8HO 44W T8 (48") 72T8HO 65W T8 (72") 96T8HO 86W 380mA (96")	MVOLT[1] 120 277 347 Others available	GEB10IS Electronic ballasts, ≤10%THD, instant start GEB10RS Electronic ballast, ≤10%THD, rapid start[2] GEB10PS Electronic ballast, ≤10%THD, programmed start BILP T8 high-efficiency ballast, .78bf (low), instant start BINP T8 high-performance ballast, .88bf (normal), instant start BIHP T8 high-performance ballast, 1.20bf (high), instant start 1/4 One four-lamp ballast[3] GLR Internal fast-blow fuse (add X for external)[4] GMF Internal slow-blow fuse (add X for external)[4] PLR_ Plug-in wiring; specify 1, 2, or 3 branch circuits and hot wires (A = Black, B = Red, C = Blue, AB or AC)[4] TILW Tandem in-line wiring CSA CSA Certified (only required for 347V) NOM NOM Certified AL Aluminum housing; white enamal finish

Accessories: *Order as separate catalog number.*			
SQ_	Swivel stem hanger (specify length in 2" increments)	HRC1®	Hooker T-bar hanger (1-1/2" from ceiling)
1B	Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling)	WGCSMR48	Wireguard, 4' white for symmetric reflector[5]
CONLGC	12" screw-on channel connector	WGCASR48	Wireguard, 4' white for asymmetric reflector[5]
WGCUN NST	Wireguard, 4' white[5]	CSMR 48	Symmetric reflector, 4' white, 7" aperture[5]
HC36	Chain hangers (1 pair, 36" long)	CASR 48	Asymmetric reflector, 4' white, 5-3/4" wide[5]
HRC®	Hooker T-bar hanger (flush to ceiling)		

Notes

1. MVOLT standard for 120-277V applications, 50-60 mhz operation. Some options require voltage specified.
2. 347V, slimline lamps only.
3. Not available in slimline.
4. Specify voltage.
5. Order two for 8' fixtures.

INDUSTRIAL

C

COMcheck Software Version 4.1.5.3

Interior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: U-Haul Moving & Storage of Gentilly
Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:
6210 Chef Menteur Hwy.
New Orleans, LA 70126

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
U BOX (Warehouse)	16850	0.8	13480
		Total Allowed Watts =	13480

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
U BOX (Warehouse 16850 sq.ft.)				
Linear Fluorescent 1: L1/ LE2: Other: Electronic:	6	7	192	1344
			Total Proposed Watts =	1344

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 90% better than code.

Lighting Wattage:

☐ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
13480	1344	YES

Controls, Switching, and Wiring:

☐ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.

☐ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

☐ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.

☐ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

☐ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

☐ Areas designated as security or emergency areas that must be continuously illuminated.

☐ Lighting in stairways or corridors that are elements of the means of egress.

☐ 5. Master switch at entry to hotel/motel guest room.

☐ 6. Individual dwelling units separately metered.

☐ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.

☐ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

Exceptions:

☐ Only one luminaire in space.

☐ An occupant-sensing device controls the area.

☐ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.

☐ Areas that use less than 0.6 Watts/sq.ft.

☐ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

☐ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.

☐ 10. Photocell/astronomical time switch on exterior lights.

Exceptions:

☐ Lighting intended for 24 hour use.

☐ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

☐ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check* Version 4.1.5.3 and to comply with the mandatory requirements in the Requirements Checklist.

David W. Day		11/2/21
Name - Title	Signature	Date

COMcheck Software Version 4.1.5.3

Exterior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: U-Haul Moving & Storage of Gentilly
Project Type: New Construction
Exterior Lighting Zone: 4 (High activity metropolitan commercial district (LZ4))

Construction Site: Owner/Agent: Designer/Contractor:
6210 Chef Menteur Hwy.
New Orleans, LA 70126

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
MAN DOOR (Main entry)	4 ft of door width	30	Yes	120	12
MANDOOR (Other door (not main entry))	4 ft of door width	20	Yes	80	12
LOADING RAMP (Driveway)	1331 ft2	0.13	Yes	173	12
RISER ROOM (Other door (not main entry))	4 ft of door width	20	Yes	80	24
			Total Tradable Watts* =	453	60
			Total Allowed Watts =	453	
			Total Allowed Supplemental Watts** =	1300	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.

** A supplemental allowance equal to 1300 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
MAN DOOR (Main entry 4 ft of door width): Tradable Wattage				
LED 1: FE1: Other:	8	1	12	12
MANDOOR (Other door (not main entry) 4 ft of door width): Tradable Wattage				
LED 2: FE1: Other:	8	1	12	12
LOADING RAMP (Driveway 1331 ft2): Tradable Wattage				
LED 3: FE1: Other:	8	1	12	12
RISER ROOM (Other door (not main entry) 4 ft of door width): Tradable Wattage				
LED 4: FE1: Other:	8	2	12	24
			Total Tradable Proposed Watts =	60

Section 4: Requirements Checklist

Lighting Wattage:

☐ 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/surfaces, total proposed watts must be less than or equal to total allowed watts.
Compliance: Passes.

Controls, Switching, and Wiring:

☐ 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.

☐ 3. Lighting not designated for dusk-to-dawn operation is controlled by either a a photosensor (with time switch), or an astronomical time switch.

☐ 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.

☐ 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

Exterior Lighting Efficacy:

☐ 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

Exceptions:

☐ Lighting that has been claimed as exempt and is identified as such in Section 3 table above.

☐ Lighting that is specifically designated as required by a health or life safety statue, ordinance, or regulation.

☐ Emergency lighting that is automatically off during normal building operation.

☐ Lighting that is controlled by motion sensor.

Exterior Lighting PASSES: Design 97% better than code.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check* Version 4.1.5.3 and to comply with the mandatory requirements in the Requirements Checklist.

David W. Day		11/2/21
Name - Title	Signature	Date

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	–	–	
2	–	–	
3	–	–	
4	–	–	
5	–	–	
6	–	–	
7	–	–	
8	–	–	

PROFESSIONAL SEAL:

ARCHITECT LOGO:
PROJECT CONTACT:
Jim Maroney
(480) 566-8300

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage Of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA. 70126

SHEET CONTENTS:
LIGHTING SPEC. SHEETS & IECC CALCULATIONS PHASE 1 BUILDING A

747074

DRAWN:	MW	E6.1.1
CHECKED:	AML	
DATE:	08/18/21	

© 2021 AMERCO REAL ESTATE COMPANY

ELECTRICAL LEGEND

	LIGHTING
	FLUORESCENT TROFFER. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL	FLUORESCENT TROFFER. NIGHTLIGHT AND/OR EMERGENCY LIGHT SEE PLAN FOR DESIGNATION.
	FLUORESCENT STRIP FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL	FLUORESCENT STRIP FIXTURE. NIGHTLIGHT AND/OR EMERGENCY LIGHT. SEE PLAN FOR SPECIFICATION.
	FLUORESCENT WRAPAROUND FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL	FLUORESCENT WRAPAROUND FIXTURE. NIGHTLIGHT AND/OR EMERGENCY LIGHT. SEE PLAN FOR DESIGNATION.
	WALL MOUNTED LIGHT FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	WALL MOUNTED FLUORESCENT FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	RECESSED DOWN LIGHT. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
NL	RECESSED DOWN LIGHT. NIGHTLIGHT AND/ OR EMERGENCY LIGHT. SEE PLAN FOR DESIGNATION.
	RECESSED WALL WASHER. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION. AIM AS DIRECTED BY THE ARCHITECT.
	LIGHTING TRACK. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	TRACK HEAD OR FLOODLIGHT. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATIONS.
	DUAL HEAD EMERGENCY LIGHT FIXTURE WITH BATTERY PACK. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	FLUORESCENT TROFFER. NIGHTLIGHT AND/OR EMERGENCY LIGHT SEE PLAN FOR DESIGNATION.
	CEILING MOUNTED EMERGENCY EXIT SIGN. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION. ARROWS INDICATE PATH OF EGRESS. SHADED AREA INDICATES FACE.
	POLE MOUNTED PARKING LOT FIXTURE. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.
	DEVICES
S	SINGLE POLE TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_2	TWO-POLE TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_3	THREE-WAY TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_4	FOUR-WAY TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_P	SINGLE POLE TOGGLE SWITCH WITH PILOT LIGHT MOUNTED +48" AFF
S_K	SINGLE POLE KEY OPERATED TOGGLE SWITCH MOUNTED +48" AFF OR AS NOTED.
S_aS_b	MULTI-LEVEL SWITCHING. INNER LAMPS OF FLUORESCENT FIXTURES TO BE SWITCHED BY "A" AND OUTER LAMPS TO BE SWITCHED BY "B". INCANDESCENT OR SINGLE BALLAST FIXTURES TO BE SWITCHED AS INDICATED ON DRAWINGS.
$S^3_aS^3_b$	THREE-WAY MULTI-LEVEL SWITCHING. INNER LAMPS OF FLUORESCENT FIXTURES TO BE SWITCHED BY "a" AND OUTER LAMPS TO BE SWITCHED BY "b". INCANDESCENT OR SINGLE BALLAST FIXTURES TO BE SWITCHED AS INDICATED ON DRAWINGS.
S_D	SLIDE CONTROL DIMMER AT +48" AFF 1500 WATT OR AS NOTED ON PLANS.
TS	ASTRONOMIC TIMESWITCH. 3PST, 40 AMP, 120 VOLT UNLESS NOTED OTHERWISE.
PC	PHOTOCELL MOUNTED ON ROOF. AIM NORTH. 'TORK' #2101 OR APPROVED EQUAL.
	DUPLEX CONVENIENCE RECEPTACLE MOUNTED AT +15" AFF TO BOTTOM OF BOX OR AS NOTED. FILLED CENTER = GFCI
	DOUBLE DUPLEX (FOURPLEX) CONVENIENCE RECEPTACLE MOUNTED AT +15" AFF TO BOTTOM OF BOX OR AS NOTED.
	SPECIAL RECEPTACLE AS NOTED ON DRAWINGS (250 VOLT).
	SPECIAL RECEPTACLE AS NOTED ON DRAWINGS (600 VOLT).
	JUNCTION BOX COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
	FLOOR MOUNTED DEVICE. TYPICAL OF ALL OUTLET SYMBOLS.
	WIRE MOLD. LENGTH AND TYPE AS NOTED ON DRAWINGS. MOUNT AT +15" AFF TO BOTTOM OR AS NOTED ON THE DRAWING.
	POWER POLE. SEE DRAWINGS FOR SPECIFICATIONS.
	SPECIAL SYSTEMS
	TELEPHONE OUTLET MOUNTED AT +15" AFF TO BOTTOM OR AS NOTED.
	DATA OUTLET MOUNTED AT +15" AFF TO BOTTOM OR AS NOTED.
	COMBINATION TELEPHONE AND DATA OUTLET IN THE SAME BOX AT +15" AFF TO BOTTOM OR AS NOTED.
	DOUBLE DATA OUTLET IN THE SAME BOX AT +15" AFF TO BOTTOM OR AS NOTED.
TV	MASTER TELEVISION OUTLET MOUNTED AT +15" AFF TO BOTTOM OR AS NOTED.
	OCC SENSORS
	WALL MOUNTED DUAL TECHNOLOGY W/ MANUAL ON/OFF, AND 30-MINUTE AUTO SHUTOFF CAPABLE.
	WALL MOUNTED DUAL TECHNOLOGY, DUAL RELAY W/ BUILT IN LIGHT LEVEL SENSOR IN SECONDARY RELAY FOR AUTOMATIC DAYLIGHT CONTROLS, MANUAL ON/OFF, AND 30-MINUTE AUTO SHUTOFF CAPABLE.
3	WALL MOUNTED DUAL TECHNOLOGY, MULTI-WAY (3-WAY) W/ MANUAL ON/OFF AND 30-MINUTE AUTO SHUTOFF CAPABLE.
LV	WALL MOUNTED DUAL TECHNOLOGY, LOW-VOLTAGE (WIRED VIA POWER-PAK), W/ MANUAL ON/OFF AND 20-MINUTE AUTO SHUTOFF CAPABLE.
	CEILING MOUNTED DUAL TECHNOLOGY, LOW-VOLTAGE (WIRED VIA POWER-PAK), BUILT-IN LIGHT LEVEL SENSOR FOR AUTOMATIC DAYLITE CONTROLS, LOW-VOLTAGE MOMENTARY SWITCH INPUT FOR MANUAL ON/OFF OPERATION, AND 30-MINUTE AUTO SHUTOFF, AND 50% ON CAPABILITIES.
-1	CEILING OR WALL MOUNTED PIR TECHNOLOGY, 24V WATTSTOPPER CX-105-1 OR EQUAL, LONG RANGE. COORDINATE AIMING IN THE FIELD (WIRE VIA BZ-150 POWER PACK)
-3	CEILING OR WALL MOUNTED PIR TECHNOLOGY, 24V WATTSTOPPER CX-105-3 OR EQUAL, 2-SIDED AISLEWAYS. COORDINATE AIMING IN THE FIELD (WIRE VIA BZ-150 POWER PACK)
BZ	WATTSTOPPER BZ-150 CLASS 2 POWER PACK SUPPLY FOR 24V 'DW-SERIES' OCCUPANCY SENSORS.

	POWER
S_M	HORSEPOWER RATED MANUAL MOTOR STARTER WITH THERMAL OVERLOAD(S) SIZED PER NEMA & NEC.
	CONTRACTOR FURNISHED AND INSTALLED BY OTHERS.
	CONTRACTOR FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SIZE AS INDICATED ON DRAWINGS.
	MAGNETIC MOTOR STARTER FURNISHED AND INSTALLED WITH MOTOR.
	MAGNETIC MOTOR CONTROLLER FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SIZE AS INDICATED ON THE DRAWINGS.
	DISCONNECT SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE. PROVIDE NEMA 3R ENCLOSURE IN EXTERIOR.
	ELECTRICAL MOTOR. SEE DRAWINGS FOR SIZE.
	CIRCUIT BREAKER. SIZE AS NOTED ON DRAWINGS.
	FUSED SWITCH. SIZE AS INDICATED ON DRAWINGS.
	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER OR SERVICE ENTRANCE SECTION. SEE DRAWING FOR EXACT TYPE.
T	TRANSFORMER. SEE DRAWINGS FOR TYPE AND SPECIFICATION.
	SURFACE MOUNTED PANEL BOARD. MOUNT TOP OF PANEL AT +6'-6" AFF OR AS NOTED.
	FLUSH MOUNTED PANEL BOARD. MOUNT TOP OF PANEL AT +6'-6" AFF OR AS NOTED.
	CONTROL CABINET.
	TELEPHONE TERMINAL BOARD. 3/4" CDX PLYWOOD TELEPHONE MOUNTING BOARD WITH #6 COPPER GROUND & DEDICATED DUPLEX CONVENIENCE OUTLET. FURNISH IN ACCORDANCE WITH TELEPHONE COMPANY'S REQUIREMENTS. SIZE AS NOTED ON DRAWINGS.
	WIRE/CONDUIT
	FLEXIBLE CONDUIT AT CONNECTIONS TO VIBRATING EQUIPMENT AND TRANSFORMERS. PROVIDE LIQUID-TIGHT FLEX IN WET OR EXTERIOR LOCATIONS.
	CONDUIT CONCEALED IN WALLS OR ABOVE CEILING OR SURFACE MOUNT IN UNFINISHED AREAS. OR AS NOTED.
	CONDUIT ROUTED UNDER FLOOR OR BELOW GRADE.
	P.A./SOUND
	CLOCK OUTLET.
S	CEILING MOUNTED SPEAKER.
S	WALL MOUNTED SPEAKER.
	INTERCOM PUSHBUTTON OR HANDSET. SEE SPECIFICATIONS FOR EXACT TYPE.
B	BELL/BUZZER. SEE DRAWINGS FOR SPECIFICATION.
C	CHIME. SEE DRAWINGS FOR SPECIFICATION.
	PUSHBUTTON. SEE DRAWINGS FOR SPECIFICATION.
	ABBREVIATIONS
A.F.F.	ABOVE FINISHED FLOOR.
A.F.G.	ABOVE FINISHED GRADE.
E.F.	EXHAUST FAN
EM	EMERGENCY LIGHT. BYPASS LOCAL SWITCHING AND PROVIDE BATTERY PACK WHERE REQUIRED.
ER	EXISTING TO BE RELOCATED AS INDICATED.
EX	EXISTING TO REMAIN.
GFCI	GROUND FAULT CURRENT INTERRUPTER.
GND.	GROUND
I.G.	ISOLATED GROUND
N	NEW
N3R	NEMA 3R.
NL	NIGHT LIGHT. BYPASS LOCAL SWITCHING.
U.N.O.	UNLESS NOTED OTHERWISE.
WP	WEATHERPROOF.
XP	EXPLOSION PROOF.
XR	EXISTING TO BE REMOVED.

NOTES: MINIMUM CIRCUIT SIZE IS 2 #12 AWG, CU, 1 #12 GND. OR AS NOTED.

GENERAL NOTES AND SPECS

1. PROVIDE ALL MATERIALS & LABOR REQUIRED TO ACHIEVE A COMPLETE & OPERATIONAL SYSTEM.
2. COORDINATE AND OBTAIN APPROVALS FROM ALL RESPECTIVE UTILITY COMPANIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
3. INSTALL RACEWAY SYSTEMS AS FOLLOWS:
   3.1. USE RIGID GALVANIZED STEEL IN ALL AREAS EXPOSED TO WEATHER OR PHYSICAL DAMAGE.
   3.2. USE FLEXIBLE METALLIC CONDUIT ONLY IN AREAS AS PERMITTED BY LOCAL AUTHORITY HAVING JURISDICTION.
   3.3. USE SEAL-TITE IN AREAS EXPOSED TO WEATHER.
   3.4. USE COMPRESSION TYPE FITTINGS FOR ELECTRICAL METALLIC TUBING WHERE UTILIZED.
   3.5. USE P.V.C. CONDUIT UNDERGROUND WITH CODE SIZED GROUND. CONDUIT RISERS AND STUBS ABOVE GRADE SHALL BE I.M.C. WITH HALF-LAPPED TAPE COVERING OR P.V.C. COATING.
4. ALL NEW WIRING SHALL BE COPPER TYPE "THHN/THWN" - U.O.N .
5. ROOF MOUNTED CONDUIT FOR EQUIPMENT SHALL BE ROUTED BELOW ROOF, WITHIN THE BUILDING.
6. ALL FIXTURE, DEVICE, ETC ... LOCATIONS SHALL BE VERIFIED WITH ARCH. DRAWINGS AS WELL AS EQUIPMENT SUPPLIER REQUIREMENTS PRIOR TO ANY ROUGH-IN WORK.
7. ALL LIGHTING FIXTURES SHALL BE MOUNTED AND SUPPORTED IN ACCORDANCE WITH OSHA STANDARDS AND ALL LOCAL, STATE, AND NATIONAL ELECTRICAL CODES.
8. ELECTRONIC BALLASTS FOR FLUORESCENT LIGHTING FIXTURES SHALL HAVE A MINIMUM BALLAST FACTOR (BF) OF 0.90 OR GREATER UNLESS OTHERWISE SPECIFIED.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE LIGHTING FIXTURE MOUNTING KITS AS REQUIRED TO SUIT THE EXACT TYPE OF CEILING TO WHICH THEY ARE MOUNTED.
10. THESE DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE INTENT OF EQUIPMENT, DEVICES, ETC ... TO BE CONNECTED AND THE CIRCUITS TO WHICH THEY ARE TO BE CONNECTED TO. CONTRACTOR SHALL INSTALL ALL CONDUIT, J-BOXES, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
11. ALL EXTERIOR EQUIPMENT SHALL BE WEATHERPROOF.
12. ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL GOVERNING CODES.
13. ALL EQUIPMENT SHALL BE NEW AND BEAR A "UL" LABEL - U.O.N.
14. ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY BUILDING PERMITS.
15. COMPLETE ELECTRICAL INSTALLATION SHALL BE GUARANTEED IN WRITING FOR A PERIOD OF (1) YEAR - U.O.N.
16. ELECTRICAL CONTRACTOR SHALL INCLUDE IN BID - COSTS FOR ALL HVAC CONTROL COMPONENTS, CONDUITS, DEVICES, ETC. AS DEEMED NECESSARY FOR A COMPLETE AND OPERATIONAL HVAC SYSTEM. REFER TO MECHANICAL DRAWINGS, DIAGRAMS AND SPECS FOR THOSE ITEMS REQUIRED UNDER THE ELECTRICAL SECTION OF THIS CONTRACT.
17. ELECTRICAL CONTRACTOR SHALL VISIT SITE PRIOR TO BID DATE, TO VERIFY ALL EXISTING CONDITIONS TO BE ENCOUNTERED IN THE INSTALLATION OF ALL NEW EQUIPMENT, FIXTURES, DEVICES, FEEDERS, ETC .. EXACT INSTALLATION METHOD & REQUIREMENTS SHALL BE VERIFIED & DETERMINED PRIOR TO BID DATE. CONTRACTORS SHALL IMMEDIATELY NOTIFY THIS ENGINEER OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT SHOWN ON THESE DRAWINGS. SUBMITTAL OF BID INDICATES CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED.
18. ALL ELECTRICAL EQUIPMENT CHARACTERISTICS, LOCATIONS, AND CONNECTION REQUIREMENTS SHALL BE VERIFIED PRIOR TO ANY ROUGH-IN WORK.
19. ELECTRICAL CONTRACTOR SHALL FURNISH THE FOLLOWING SHOP DRAWINGS FOR PRIOR APPROVAL:
   19.1. ALL SUBSTITUTED LIGHT FIXTURES.
   19.2. ALL ELECTRICAL SERVICE EQUIPMENT, DISTRIBUTION EQUIPMENT AND PANELBOARDS.
   19.3. OTHER ITEMS AS SPECIFICALLY INDICATED.
20. THESE ITEMS SHALL BE APPROVED BY THIS OFFICE PRIOR TO ANY COMMENCEMENT OF PLACING ORDERS OR PERFORMING ANY ROUGH-IN WORK.
21. COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE PRESENTLY ADOPTED EDITION OF THE N.E.C. ART. 250.
22. PENETRATIONS OF ALL FIRE RATED WALLS OR CEILINGS SHALL BE FIRE RATED IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL CODES.
23. PROVIDE ENGRAVED PLASTIC NAMEPLATES FOR ALL MAJOR ELECTRICAL EQUIPMENT.
24. PROVIDE THE OWNER AND THIS ENGINEER WITH ONE SET OF ELECTRICAL "AS-BUILTS" AT THE COMPLETION OF JOB.
25. ALL DISCONNECT SWITCHES TO BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
26. A GREEN CODE SIZE EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED WITH ALL BRANCH CIRCUIT WIRING AND FEEDERS, 50V AND GREATER, SIZED PER NEC 250.122.
27. ALL ENERGIZED ELECTRICAL EQUIPMENT SHALL COMPLY TO NEC 110.26 WORKING CLEARANCES.
28. ALL EMPTY CONDUIT SHALL BE WITH PULLSTRING.
29. NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
30. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
31. THE MINIMUM DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL PROVISIONS OF THE LOCAL JURISDICTION.
32. INSTALLATIONS OF ALL ELECTRICAL SYSTEMS, INCLUDING BUT NOT LIMITED TO, ALTERATIONS, REPAIR, REPLACEMENT, EQUIPMENT, APPLIANCES, FIXTURES, FITTINGS AND APPURTENANCES THERETO, SHALL COMPLY WITH THE CURRENT ACCEPTED NEC VERSION AND PROVISIONS OF THE LOCAL JURISDICTION.

FIRE ALARM NOTE

THE FIRE ALARM DEVICES SHOWN ON THIS DWG (IF ANY) ARE FOR BIDDING PURPOSES ONLY, AND NOT FOR CONSTRUCTION. THE FIRE ALARM SYSTEM, DEVICES OR MODIFICATIONS WILL BE PROVIDED UNDER SEPARATE SUBMITTAL BY A CERTIFIED FIRE ALARM VENDOR. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH FA VENDOR AND OTHER DISCIPLINES AS REQUIRED FOR AN APPROVED CERTIFICATE OF OCCUPANCY.

DEMOLITION GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
2. THE EXISTING CONDITIONS SHOWN ARE FROM AN EXISTING SET OF PLANS, AND ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION. EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
3. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC.. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL/IMPROVEMENT WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC...SCHEDULED TO REMAIN.
4. NOTIFY THE ENGINEER IMMEDIATELY WHENEVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON THE "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN THE STRUCTURE WALLS.
5. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS WHEN WORKING ON FINISHED SURFACES. LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
6. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
7. DEMOLITION WORK SHALL BE DONE IN A MATTER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH IT'S OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
8. DO ALL DRILLING, CUTTING, ETC...REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENINGS THROUGH WALLS, CEILINGS, FLOORS, ETC...TO MAINTAIN THE RATING OF THE STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE SAID MATERIALS AND EQUIPMENT TO PROTECT FROM DAMAGE. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINES & REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
11. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS. RE-USE AS REQUIRED AND REMOVE ALL UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALL TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.

SITE PLAN GENERAL NOTES

1. ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF.
2. ELECTRICAL CONTRACTOR SHALL CONTACT POWER COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, TRENCH LOCATIONS, TRANSFORMER LOCATION, METER LOCATION, ETC...
3. ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY SECONDARY CONDUITS, POWER TRENCHING, BACKFILL, CONCRETE PADS FOR TRANSFORMER AND SERVICE EQUIPMENT AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY POWER COMPANY AND TO THEIR SPECIFICATIONS.
4. ELECTRICAL CONTRACTOR SHALL CONTACT TELEPHONE COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT AND TRENCH LOCATIONS.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE TRENCHING, BACKFILL, AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY TELEPHONE COMPANY AND TO THEIR SPECIFICATIONS.
6. ALL WIRING FOR OUTSIDE LIGHTING AND POWER DEVICES SHALL BE A MINIMUM 3/4" CONDUIT WITH A MINIMUM OF #10 COPPER TYPE "XHHW" INSULATION (UNO) FOR UNDERGROUND CIRCUITS RUN IN PVC. PROVIDE A #10 COPPER BOND IN ADDITION TO CIRCUIT.
7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND COMPLIANCE WITH THE UTILITY COMPANY'S REQUIREMENTS WITHIN 2 WEEKS AFTER AWARD OF CONTRACT. SUBMIT (2) COMPLETE SETS OF PLANS, INCLUDING PLOT OF SURVEY, TO UTILITY COMPANY FOR COORDINATION. ROUTING OF INCOMING POWER AND TELEPHONE SERVICE SHOWN ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL ROUTING CONDUIT, TRENCH AND PAD REQUIREMENTS SHALL BE AS SPECIFIED BY THE UTILITY COMPANY. CONFIRM ALL REQUIREMENTS WITH UTILITIES PRIOR TO INSTALLATION.
8. ALL SITE AND BUILDING LIGHTING SHOWN ON THE CITY APPROVED PLANS SHALL NOT BE ALTERED OR SUBSTITUTED. IF A SUBSTITUTION OR ALTERATION OCCURS, THE PARTY RESPONSIBLE SHALL SUBMIT TO THE CITY "ALL CITY REQUIRED PHOTOMETRIC DOCUMENTS TO OBTAIN APPROVAL. ELECTRICAL ENGINEER SHALL BE RESPONSIBLE FOR ANY ALTERATIONS AND/OR CHANGES TO THE CITY APPROVED PLANS. THE SUBSTITUTING PARTY SHALL BE RESPONSIBLE FOR REIMBURSEMENT TO ELECTRICAL ENGINEER FOR REVISIONS NECESSARY TO CITY CONSTRUCTION DOCUMENTS",
9. COORDINATE LOCATION AND REQUIREMENTS OF BACKFLOW PREVENTER CONDUIT ROUTING WITH PLUMBING PLANS.
10. THE ELECTRICAL INSTALLATION SHALL CONFORM TO ANY AND ALL LOCAL AND STATE SEISMIC REQUIREMENTS.
11. COORDINATE LOCATIONS OF ALL SITE LIGHTING FIXTURES WITH CIVIL AND LANDSCAPE DRAWINGS PRIOR TO ROUGH-IN.

DEFERRED FIRE ALARM NOTES

1. THE LOCATION OF ALL AUTOMATIC DETECTORS, MANUAL PULL STATIONS AND OTHER F.A. DEVICES/EQUIPMENT WILL BE SUBMITTED AS DEFERRED DESIGN BUILD.
2. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE INSTALLED UNTIL DETAILED SHOP DRAWINGS AND SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO FLOOR PLANS INDICATING ALL CONDUIT AND CONDUCTOR SIZES., RISER DIAGRAMS, WIRING DIAGRAMS, BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, CATALOG CUT SHEETS, AND STATE FIR MARSHAL LISTING NUMBERS) FOR EACH COMPONENT OF THE FIRE ALARM SYSTEM HAS BEEN APPROVED BY THE LOCAL FIRE MARSHAL UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM. A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE FIRE AUTHORITY HAVING JURISDICTION.
3. IT SHALL BE THE CONTRACTORS VENDORS RESPONSIBILITY TO PROVIDE THE VISUAL STROBE APPLIANCES WITH THE CORRECT CANDELA RATING NECESSARY TO PROVIDE THE PROPER COVERAGE REQUIRED IN COMPLIANCE W/ THE NFPA FOR THE SPACE SERVED.
4. THE FIRE ALARM SYSTEM SHALL CONFORM TO ALL THE LATEST VERSIONS OF LOCAL CODES, UNIFORM BUILDING CODE, UNIFORM FIRE CODE, AND NFPA 72 & 101.
5. THE FIRE ALARM CONTRACTOR SHALL SUBMIT COMPLETED NFPA72 FIRE ALARM CERTIFICATE OF COMPLETION TO THE LOCAL AUTHORITY HAVING JURISDICTION UPON COMPLETION OF THE PROJECT.
6. INSULATED CONDUCTORS USED IN WET LOCATIONS SHALL BE THWN OR XHHW. CABLES OF ONE OR MORE CONDUCTORS USED IN WET LOCATIONS SHALL BE OF A TYPE LISTED FOR USE IN WET LOCATIONS.
7. ALARM INDICATING DEVICES SHALL BE LOCATED SO IT IS OBSTRUCTED AS NOT TO CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 10dB ABOVE AMBIENT NOISE LEVELS MEASURED 4 FT ABOVE THE FLOOR. AMBIENT NOISE LEVEL MEANS THE LEVEL WHICH CAN NORMALLY BE EXPECTED WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATING OR WORKING CONDITIONS. (NFPA PAMPHLET 72)
8. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT WORKING LOCATIONS OF ALL FIRE DETECTION DEVICES. THE CONTRACTOR SHOULD NOT LOCATE DETECTORS IN A DIRECT AIR FLOW NOR CLOSER THAN 3 FT. FROM AN AIR SUPPLY DIFFUSER.
9. SMOKE DETECTORS FOR DOOR HOLDERS SHALL BE LOCATED A MINIMUM OF THE HEIGHT OF WALL ABOVE THE DOOR AND A MAXIMUM OF 5 FT, FROM THE DOOR.
10. ALL DUCT DETECTORS MOUNTED WITHIN THE CEILING SPACES SHALL BE PROVIDED WITH A REMOTE INDICATING LIGHT MOUNTED ON THE CEILING DIRECTLY BELOW THE DETECTOR.
11. VENDOR/CONTRACTOR OF THE FIRE ALARM SYSTEM SHALL PROVIDE A MINIMUM OF 1 YEAR GUARANTEE CERTIFICATE FOR LABOR AND MATERIALS. INSTRUCTIONS AND MAINTENANCE MANUAL WITH A 24 HR FACTORY REPRESENTATIVE SUPPORT PHONE NUMBER. PROVIDE 8 HRS OF INSTRUCTION TIME TO SHOW THE OWNERS REP THE FUNCTION OF THE SYSTEM/S.
12. DUCT DETECTORS SHALL PROVIDED AND TERMINATED BY THE ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL MATERIAL REQUIRED TO PROVIDE THE CONNECTION FROM DUCT DETECTORS TO THE UNITS FOR FAN SHUT DOWN. SYSTEM SHALL BE PROGRAMMED WHERE UPON ACTIVATION OF ANY ONE DUCT DETECTOR, ALL UNITS WILL SHUT DOWN.
13. ALL REQUIRED INITIATING DEVICES SHALL BE PROVIDED IN ALL OF THE ELEVATOR SHAFTS, ELEVATOR PITS, AND ELEVATOR LOBBIES IN COMPLIANCE TO THE CURRENT ELEVATOR CODES. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL MATERIALS REQUIRED TO PROVIDE CONNECTION FROM THE FIRE ALARM SYSTEM DEVICES/SYSTEM TO THE SHUNT-TRIP EQUIPMENT FOR SHUT-DOWN OF THE ELEVATORS INCOMING POWER SUPPLY, IN COMPLIANCE WITH THE CURRENT ELEVATOR CODE/S. IN ADDITION, ALL REQUIRED DEVICES/EQUIPMENT SHALL BE PROVIDED FOR ANY NECESSARY ELEVATOR RECALLS.
14. COORDINATE LOCATION OF WATER FLOW AND TAMPER SWITCHES W/ PLUMBING.
15. CONFIRM WITH THE CITY, COUNTY, AND STATE FOR ALL FIRE ALARM REQUIREMENTS PRIOR TO INSTALLATION.

CODE INFORMATION

A. LOUISIANA STATE UNIFORM CONSTRUCTION CODE BASED ON (2015 IBC, IMC, IFGC, IPC, IFC, 2009 IECC & 2014 NEC).

B. ALL SYSTEMS SHALL BE IN COMPLIANCE WITH THE ABOVE CODES AS ADOPTED BY CITY OF NEW ORLEANS, LA.

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	

PROFESSIONAL SEAL:

ARCHITECT LOGO:

PROJECT CONTACT:
Jim Maroney
(480) 566-8300

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

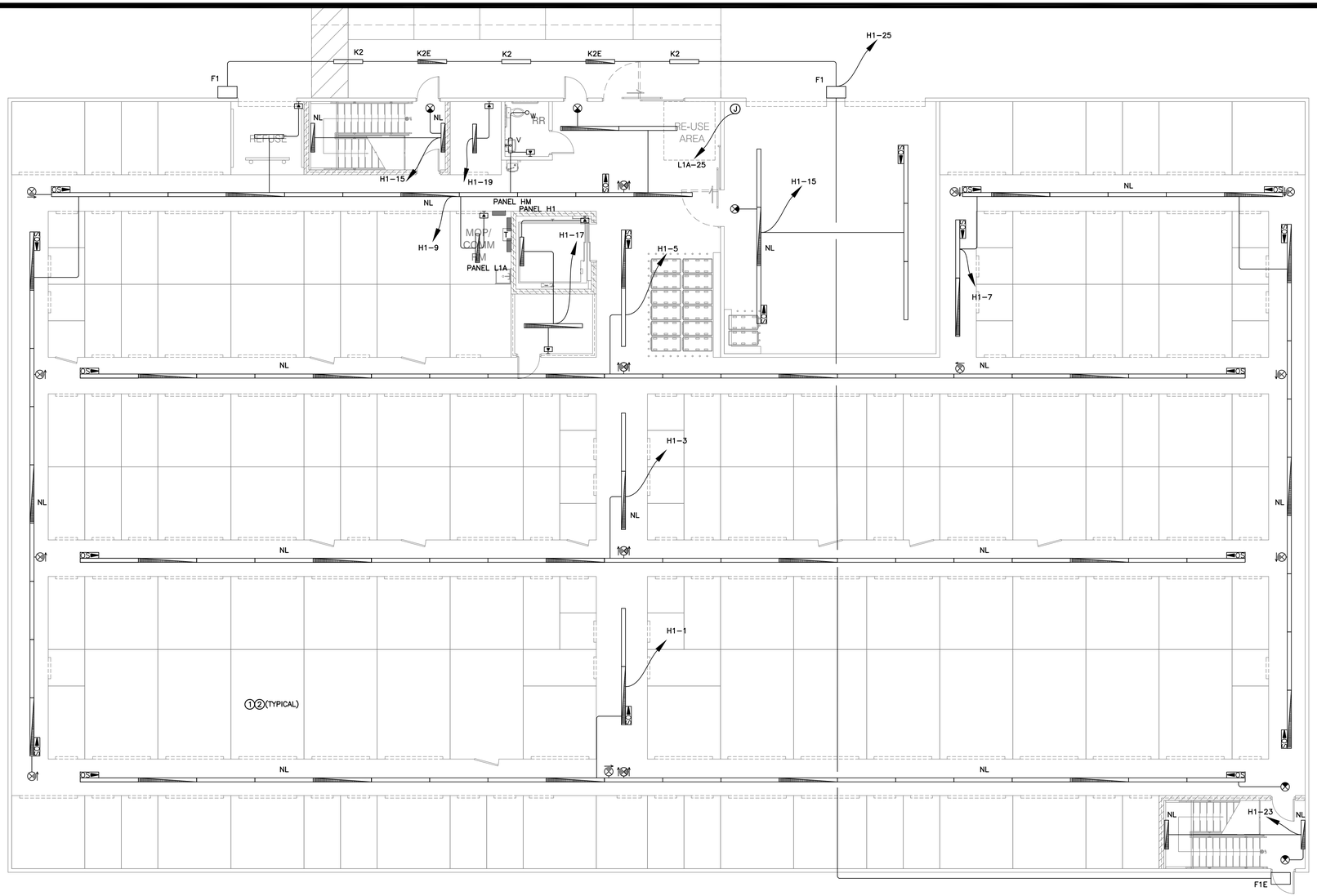
SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
ELECTRICAL SYMBOLS & SPECIFICATIONS
PHASE 2 BUILDING B

747074

DRAWN:	JP	E0.1.2
CHECKED:	AML	
DATE:	09/03/21	

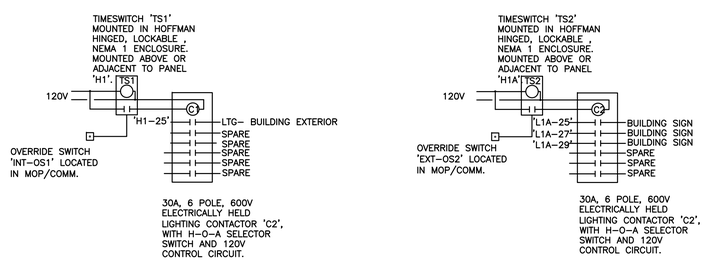
© 2021 AMERCO REAL ESTATE COMPANY



POWER PLAN - PHASE 2 - FIRST FLOOR

1/8" = 1'-0"

1



TIME CLOCK CONTROL DETAIL

1/8" = 1'-0"

2

EGRESS & EXIT NOTES

1. THE PATH OF EXIT TRAVEL TO EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF I.F.C. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATED, AS NECESSARY, TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET (30480 MM) FROM THE NEAREST VISIBLE SIGN.
2. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5-FOOT-CANDLES (54") FROM EITHER OF TWO ELECTRIC LAMPS. INTERNALLY ILLUMINATED SIGNS SHALL PROVIDE EQUIVALENT LUMINANCE AND BE LISTED FOR THE PURPOSE.
3. THE EXIT SIGNS SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM FROM STORAGE BATTERIES, UNIT EQUIPMENT AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE.
4. ANY TIME A BUILDING OR PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT THE INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES OF ELECTRICAL SUPPLY.
5. PROVIDE TACTILE EXIT SIGNS IMMEDIATELY ADJACENT TO THE DOOR ON THE STRIKE SIDE AT 60" ABOVE FINISHED FLOOR, SO THAT THEY ARE FULLY VISIBLE WHEN THE DOOR IS IN AN OPEN OR CLOSED POSITION IN THE FOLLOWING LOCATIONS:

A. EACH GRADE LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD, "EXIT."

B. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS ON A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:

1. "EXIT STAIR DOWN"
2. "EXIT RAMP DOWN"
3. "EXIT STAIR UP"
4. "EXIT RAMP UP"

C. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE."

D. EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR HALLWAY THAT IS REQUIRED TO HAVE VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE."

EGRESS & EXIT NOTES

TYPE "A"

TYPE "A" NL — UNSWITCHED NIGHTLITE

TYPE "AE" — SWITCHED EMERGENCY EGRESS LIGHT: THE CIRCUIT HOT WIRE SHALL BE CONNECTED TO THE BATTERY PAK OF THE LIGHTING FIXTURE, SUCH THAT IF A POWER OUTAGE OCCURS (ZERO VOLTAGE SENSED), THE FIXTURE SHALL ILLUMINATE (MAX 90 MINUTES) UNTIL POWER IS RESTORED.

TYPE "B"

TYPE "BE" — SWITCHED EMERGENCY EGRESS LIGHT: THE CIRCUIT HOT WIRE SHALL BE CONNECTED TO THE BATTERY PAK OF THE LIGHTING FIXTURE, SUCH THAT IF A POWER OUTAGE OCCURS (ZERO VOLTAGE SENSED), THE FIXTURE SHALL ILLUMINATE (MAX 90 MINUTES) UNTIL POWER IS RESTORED.

NOTE: ALL FIXTURES ARE TYPE "A" UNLESS NOTED OTHERWISE

ELECTRICAL GENERAL NOTES

A. ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF.

B. ALL WIRING FOR OUTDOOR LIGHTING AND POWER DEVICES SHALL BE MIN. #10 AWG CU. , THWN INSULATION (UNO.). FOR UNDERGROUND CIRCUITS RUN IN NO METALLIC CONDUIT, PROVIDE A #10 AWG CU. BOND WIRE, IN ADDITION TO CIRCUIT CONDUCTORS.

C. PROVIDE UNSWITCHED HOT TO ALL EMERGENCY BATTERY PACK/ BALLASTS, "NL" (NIGHT LIGHT) , AND EXIT SIGNS.

D. CONDUIT AND CIRCUIT ROUTING SHOWN ON THESE DRAWINGS IS DIAGRAMMATIC AND IS FOR CLARITY OF PLANS ONLY. COORDINATE ALL ROUTING REQUIREMENTS PRIOR TO START OF WORK.

E. MEMBRANE PENETRATIONS THROUGH 3-HR RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH THE LATEST ADOPTED IBC ARTICLE 713.3.2.

KEY NOTES (#)

1. COORDINATE ALL EXIT SIGN LOCATIONS AND DIRECTIONAL ARROWS WITH ARCHITECTURAL PLANS PRIOR TO START OF WORK.
2. COORDINATE ALL LIGHT FIXTURE MOUNTING HEIGHTS WITH ARCHITECT DRAWINGS PRIOR TO INSTALLATION.

0' 5' 10' 15' 20' 25' 30'

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

SHEET NOTES:

REVISIONS:

NO.	DATE	ANTIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
DAVID W. DAY
License No. 12876
PROFESSIONAL ENGINEER
ELECTRICAL

ARCHITECT LOGO:

PROJECT CONTACT:
Jim Maroney
(480) 566-8300

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
LIGHTING PLAN
PHASE 2
BUILDING B

747074

DRAWN:	JP	E3.1.2
CHECKED:	AML	
DATE:	09/03/21	

© 2021 AMERCO REAL ESTATE COMPANY

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	K2, K2E

FEATURES & SPECIFICATIONS

INTENDED USE — General illumination for indoor and outdoor, covered ceiling locations. Ideal for showers, locker rooms, recreational facilities and other applications calling for a wet location listing.

CONSTRUCTION — Available for lay-in grid ceilings or with mitered flanged trim with swing-out hangers.

Code gauge steel housing formed from cold rolled steel. Closed-cell neoprene gasketing between the lens, doorframe, housing and mounting surface. Extruded aluminum doorframe features mitered corners. Cam latches on doorframe ensure a positive seal. Lenses available to meet a variety of lighting needs and feature 100% UV stabilized acrylic. Lenses feature optional internal prisms to maintain a smooth, easy-to-clean outer surface.

Finish: All metal parts are finished with electrostatically deposited, thermally set, polyester powder paint after fabrication.

ELECTRICAL — Thermally protected, resetting, Class P, HPF, non-PCB, UL listed, CSA certified ballast is standard. Energy-saving and electronic ballasts are sound rated A. Standard combinations conform to UL 935. Tested in compliance with Federal Standard 209E by independent lab.

LISTINGS — UL Listed (standard). CSA Certified or NOM Certified (see Options). UL Listed for wet locations.

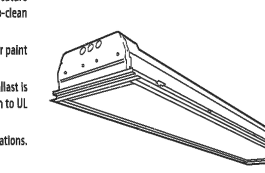
WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Recessed Wet Location Troffer

WRT 1' X 4'



1, 2 OR 3 LAMPS

Specifications

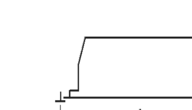
Length: 48 (121.9)

Width: 12 (30.5)

Depth: 4-1/2 (11.4)

Weight: 17 lbs (7.7 kg)

All dimensions are inches (centimeters) unless otherwise specified.



ORDERING INFORMATION — For shortest lead times, configure products using **standard options (shown in bold).** **Example:** WRT G 2 32 A12125 MVOLT GEB10IS

WRT							
Series	Trim type	Lamps[1]	Lamp type	Door frame	Diffuser type[3]	Voltage	Options
WRT Recessed wet location troffer	G Lay-in grid trim F Overlapping flanged trim	1 **2** 3	T8 **32** 32W T8 (48") T5 28 28W T5 54 54W T5[2]	**(blank)** Flush aluminum, white FN Flush aluminum, natural FM Flush aluminum, matte black	**A12125** #12 pattern acrylic, .125" thick A15 #15 pattern acrylic, .2" thick A19 #19 pattern acrylic, .156" thick	120 277 347 **MVOLT**[4]	Shipped installed in fixture GEB Electronic ballast(s) ≤20% THD **GEB10IS** Electronic ballast(s) ≤10% THD, instant start GEB10PS Electronic programmed rapid start[5] GEB10RS Electronic ballast(s) ≤10% THD, rapid start ELDW Emergency battery pack (nominal 300 lumens)[6] EL5DW Emergency battery pack (nominal 500 lumens)[6] EL6DW Emergency battery pack (nominal 600 lumens)[6] EL14DW Emergency battery pack (nominal 1400 lumens)[6] GLR Internal fast-blow fuse[7] GMF Internal slow-blow fuse[7] PWS1836 Pre-wire system, 18-gauge, three-wire (one circuit), 6' length (others available) SW Palletized and stretch-wrapped CSA CSA Certified NOM NOM Certified

Notes

1 Lamps not included.

2 54W three-lamp max.

3 Add the suffix V for internal prisms. Example: A12125V

4 Electronic ballast 120-277V only. Must specify GEB10IS or GEB10PS.

5 T5 lamps only.

6 Must specify voltage; 120 or 277 only.

7 Must specify voltage. Not available MVOLT.

WST LED

Architectural Wall Sconce

Catalog Number	
Notes	
Type	F1, F1E

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The classic Architectural Wall Sconce is now available with the latest in LED technology. The result is a long-life, maintenance-free product with typical energy savings of 75% compared to metal halide versions. The integral battery backup option provides emergency egress lighting, without the use of a back-box or remote gear, so installations maintain their aesthetic integrity.

The WST LED is ideal for replacing existing 50 – 175W metal halide wall-mounted products. The expected service life is 20+ years of nighttime use.

Specifications

Luminaire

Height: 7-1/4" (18.4 cm)

Width: 16-1/4" (41.3 cm)

Depth: 9-1/8" (23.2 cm)

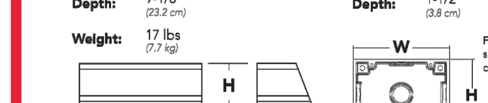
Weight: 17 lbs (7.7 kg)

Optional Back Box (BBW)

Height: 4" (10.2 cm)

Width: 5-1/2" (14.0 cm)

Depth: 1-1/2" (3.8 cm)



Ordering Information

EXAMPLE: WST LED 2 10A700/40K SR3 MVOLT DDBTXD

WST LED							
Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options[1]	Finish (required)
WST LED	1 One engine (10 LEDs) 2 Two engines (20 LEDs)	700 mA options: 10A700/30K 3000K 10A700/40K 4000K 10A700/50K 5000K	SR2 Type II SR3 Type III SR4 Type IV	MVOLT[1] 120[1] 208[1] 240[1] 277[1] 347 480	Shipped included (blank) Surface mount Shipped separately[2] BBW Surface-mounted back box UT5 Uptilt 5 degrees	Shipped installed PE Photoelectric cell, button type[4,5] SF Single fuse (120, 277, 347V)[4] DF Double fuse (208, 240, 480V)[4] DMG 0-10V dimming driver (no controls) ELCW Emergency battery backup[6] WLU Wet location door for up orientation[7] PIR Motion/ambient light sensor[8] DS Dual switching[9] Shipped separately VG Vandal guard WG Wire guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Emergency Battery Operation

The emergency battery backup (ELCW option) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All ELCW configurations include an independent secondary driver with an integral relay to immediately detect AC power loss. Dual light engines are wired in parallel so both engines operate in emergency mode and provide additional component redundancy. These design features meet various interpretations of NFPA 70/NEC 2008 - 700.16

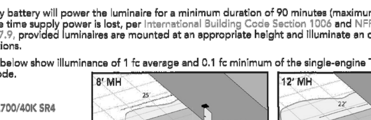
The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per International Building Code Section 1006 and NFPA 101 Life Safety Code Section 7.9, provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.

WST LED 1 10A700/40K SR4 MVOLT ELCW

10' x 10' Gridlines

8' and 12' Mounting Height



NOTES

1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE), fusing (SF, DF), or dual switching (DS).

2 May also be ordered separately as an accessory. Ex: WSBBW DDBXD U. Must specify finish.

3 Must be ordered with fixture; cannot be field installed.

4 Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

5 Not available with 480V option. Not available with motion/ambient light sensor (PIR).

6 Integral battery pack is rated for -20° to 60°C operating temperature. ELCW warranty is 3-year period. Not available with 347V or 480V. Not available with WLU.

7 WLU not available with PIR or ELCW.

8 Specifies the SensorSwitch SFOD-7-ODP control (photocell included); see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with WLU, VG or WG.

9 Provides 50/50 luminaire operation via two independent drivers and light engines on two separate circuits. Not available with one engine, MVOLT, ELCW, WLU, SF, or DF. Must specify voltage; voltage must be the same for both drivers. When ordered with photocell (PE) or motion sensor (PIR), only the primary power source leads will be controlled.

LITHONIA LIGHTING. One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • www.lithonia.com

© 2011-2015 Acuity Brands Lighting, Inc. All rights reserved.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	EXIT

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring attractive, quick-installation exit signs and low energy consumption.

CONSTRUCTION — Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant, and corrosion-proof. UL94V-0 flame rating. UV-stable resin resists discoloration from natural and man-made light sources.

Rugged unibody housing snaps together with no additional mechanical fasteners. Faceplate and back cover are interchangeable on housing. Positive snap-fit tabs hold faceplate securely, yet easily removable for lamp compartment access.

Universal directional Chevron inserts are easily removed and reinserted. Uniform illumination without shadows or hot spots. Reinforced, impact-resistant color panels. Letters 6" high with 3/4" stroke, with 100 ft. viewing distance rating, based upon UL924 standards.

U.S. Patent No. 5,526,251; 5,611,163; 5,739,639; 5,954,423; 5,988,825; 6,152,581; D383,501 ; D495,751 and 6,502,044. Other patents pending.

OPTICS — LEDs mounted on printed circuit boards. Low energy consumption – less than one watt. LED lamp operates in normal (AC input) and emergency (DC input) modes.

The typical life of the exit LED lamp is 10 years.

ELECTRICAL — Low-voltage disconnect prevents excessively deep discharge that can permanently damage battery. Conveniently located test switch and LED provide visual and manual means of monitoring system.

Constant-current series charger minimizes energy consumption and provides low operating costs. Printed circuit boards are 100% quality tested during manufacturing. Current-limiting charger circuitry protects printed circuit boards from shorts.

AC/LV reset (line latch) allows battery connection before AC power is applied and aids in preventing battery damage from deep discharge.

Crystal oscillator timing system with watchdog protection for precision accuracy.

Brownout protection is automatically switched to emergency mode when supply voltage drops below 80% of nominal.

Battery: Sealed, maintenance-free nickel-cadmium battery delivers 90-minutes capacity to emergency lamps. Two-state constant-current charge maximizes battery life and automatically recharges after battery discharge.

Diagnostics: Single-point microcomputer control for all electronic features.

Single multi-chromatic LED indicator to display two-state charging, test activation and three-state diagnostic status.

Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection. Self-diagnostic testing for five minutes every 30 days and 30 minutes every six months and 90 mins annually with WRS.

Diagnostic evaluation of LED light source, AC to DC transfer, charging and battery condition. Continuously monitors AC functionality.

INSTALLATION — Universal (top-, end-, or back-) mounting. Easily removed mounting knockouts. J-box pattern on back panel. Housing snaps to canopy with four positive-locking tabs. Cam-locking pin tightly secures housing to canopy.

Ships standard with additional face plate.

LISTINGS — UL damp location listed 50°-104°F (10°-40°C) standard. NOM Certified (see options). Meets UL924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. NEMA Premium certified. Meets all applicable FCC requirements.

QUANTUM® Thermoplastic Exits

LQM

LED LAMPS

NEMA Premium

Specifications

Length: 11-3/4 (29.8)

Depth: 2 (5.1)

Height: 7-5/8 (19.3)

Weight: 2.6 lbs (1.2 kgs)

All dimensions are inches (centimeters) unless otherwise specified.

WARRANTY — 5-year limited warranty. (Battery is prorated.) Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

ORDERING INFORMATION — For shortest lead times, configure product using **bolded options.** **Example:** LQM S W 3 R 120/277 EL N

LQM							
Family	Face type	Housing color	Number of faces	Letter color	Input voltage[2]	Operation	Options
LQM	S Stencil P Panel[1]	(blank) Black W White	3 Single face with extra faceplate and color panel	R Red G Green	120/277 Dual voltage	(blank) AC only X2 Primary and secondary AC inputs provided[3] EL N Nickel cadmium battery	(blank) None NOM NOM certified for Mexico[4] SD Self-diagnostics[5] SDFIFA Self-diagnostics, fire alarm flashing interface and flashing emergency operation and intermittent audible alarm (one flash/one second)[5]

Accessories: Order as separate item.			
ELA WG1	Back-mount wireguard[6]	ELA WGEXE	End-mount wireguard[6]
ELA WGEXT	Top-mount wireguard[6]	ELA LQMUS12	12" stem kit[7]

Notes

1 Only available in custom signage. See spec sheet, Custom-Signage.

2 Some special voltages available. Consult factory.

3 Must specify input voltage 120 or 277. Not available with other options.

4 Available with stencil or panel faces in white housing.

5 Only available with EL N operation.

6 See spec sheet ELA-WG.

7 See spec sheet ELA-Stemkits.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	A/AE/B/BE/C/CE

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal where high brightness and good illumination levels are required such as retail, light industrial and warehouses.

Attributes: Available in one lamp or two lamp configuration.

CONSTRUCTION — Heavy-duty channel, die-formed from code-gauge steel.

Sturdy channel cover secured by captive quarter-turn latch for easy access to wireway.

Combination endplate/channel connector furnished with each fixture.

Finish: Five-stage iron phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

ELECTRICAL — Thermally protected, resetting, Class P, UL Listed and CSA Certified ballast is standard. Sound rating depends on lamp/ballast combination.

AWM, TFN, THHN wire throughout, rated for required temperatures.

INSTALLATION — For unit or row installations, surface or suspended mounting.

LISTINGS — UL listed to US and Canadian safety standards. Optional: Mexico NOM.

Damp location listed.

Listed for 25 degree C ambient temperature.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

General-Purpose Strip

C

2', 3', 4', 6' and 8' length
1 or 2 lamps

Specifications

Length: 24" (61.0), 36" (91.4), 48" (121.9), 72" (182.9), 96" (243.8)

Width: 4-3/8" (11.1)

Fixture Depth: 2-1/16" (5.2)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION — Lead times will vary depending on options selected. Consult with your sales representative. **Example:** C 2 32 MVOLT GEB10IS

C				
Series	Number of lamps	Lamp type	Voltage	Options
C General-purpose strip For tandem double length unit, add prefix T. Example: TC	1 2 lamp not included	T8 17 17W T8 (24") 25 25W T8 (36") 32 32W T8 (48") 96T8 59W T8 slimline (96") T8HO 48T8HO 44W T8 (48") 72T8HO 65W T8 (72") 96T8HO 86W 380mA (96")	MVOLT[1] 120 277 347 Others available	GEB10IS Electronic ballasts, ≤10%THD, instant start GEB10RS Electronic ballast, ≤10%THD, rapid start[2] GEB10PS Electronic ballast, ≤10%THD, programmed start BILP T8 high-efficiency ballast, .78bf (low), instant start BINP T8 high-performance ballast, .88bf (normal), instant start BIHP T8 high-performance ballast, 1.20bf (high), instant start 1/4 One four-lamp ballast[3] GLR Internal fast-blow fuse (add X for external)[4] GMF Internal slow-blow fuse (add X for external)[4] PLR_ Plug-in wiring; specify 1, 2, or 3 branch circuits and hot wires (A = Black, B = Red, C = Blue, AB or AC)[4] TILW Tandem in-line wiring CSA CSA Certified (only required for 347V) NOM NOM Certified AL Aluminum housing; white enamal finish

Accessories: Order as separate catalog number.			
SQ_	Swivel stem hanger (specify length in 2" increments)	HRC1®	Hooker T-bar hanger (1-1/2" from ceiling)
1B	Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling)	WGCSMR48	Wireguard, 4' white for symmetric reflector[5]
CONLGC	12" screw-on channel connector	WGCASR48	Wireguard, 4' white for asymmetric reflector[5]
WGCUN NST	Wireguard, 4' white[5]	CSMR 48	Symmetric reflector, 4' white, 7" aperture[5]
HC36	Chain hangers (1 pair, 36" long)	CASR 48	Asymmetric reflector, 4' white, 5-3/4" wide[5]
HRC®	Hooker T-bar hanger (flush to ceiling)		

Notes

1 MVOLT standard for 120-277V applications, 50-60 mhz operation. Some options require voltage specified.

2 347V, slimline lamps only.

3 Not available in slimline.

4 Specify voltage.

5 Order two for 8' fixtures.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	W

FEATURES & SPECIFICATIONS

INTENDED USE — Recessed frame-in rated IC for new construction only.

Approved for all ceiling and wiring types.

CONSTRUCTION — Steel housing.

Galvanized bar hangers span up to 24" o.c. and feature built-in nailer and T-bar clips.

Galvanized steel junction box with four built-in romex clamps; two 1/2" and four 3/4" knockouts with slots for pryout.

Maximum 8 (4in 4out) No. 12 AWG conductors.

Rated for 90°C supply wire.

Ground wire provided.

Removable J-box doors for easy access.

ELECTRICAL — Socket assembly attaches to reflector to ensure proper and consistent lamp position.

Class P thermally protected ballast protects against improper contact with insulation. Approved for through-branch circuit wiring.

MVOLT 120-277V electronic ballast standard (4-pin lamp).

INSTALLATION — 2 x 8 wood joist or T-bar installation.

Expandable bar hangers allow for off-center mounting in wood joist or T-bar ceilings. Bar hangers expand to length of 25-1/4" maximum, 13-1/4" minimum.

Reflector is secured to housing by mechanical trim retention. Vertically adjustable yoke allows for flush mounting of trims to ceiling face.

Accommodates ceilings up to 1-1/2" thick.

LISTINGS — UL listed to US and Canadian safety standards.

Damp location listed.

See trim selection for wet location listing.

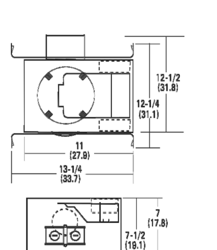
WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

6" Housing

LIF6

FLUORESCENT
IC
New Construction



Specifications

Height: 7-1/2 (19.1)

Length: 13-1/4 (33.7)

Width: 12-1/2 (31.8)

Ceiling opening: 7-1/16 (17.9)

All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION — Lead times will vary depending on options selected. Consult with your sales representative. **Example:** LIF6 2/13DTT MVOLT

LIF6	2/13DTT	MVOLT	
Series	Lamps	Voltage	Options
LIF6	2/13DTT	MVOLT	GMF Single slow-blow fuse, must specify wattage PHC Poke-home wire connectors – factory installed push-in terminals AT Aluminum tape seals housing to minimize air flow through rough-in. Complies with WSEC and certified per ASTM E283 requirements BDP Ballast disconnect plug meets codes that require in-fixture disconnect RIF1 Radio interference filter WLP 35K lamp (shipped separately)

Accessories: Order as separate catalog number.	
LSMC	T-bar mounting clips, set of four

Notes

See trim summary on reverse side for maximum wattages.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	V

FEATURES & SPECIFICATIONS

INTENDED USE — For wall or ceiling mounting - vertical or horizontal. Ideal for stairwells, corridors, lavatories or any utility application. **Certain airborne contaminants can diminish integrity of acrylic.** Click here for Acrylic Environmental Compatibility table for suitable uses.

CONSTRUCTION — Easy maintenance design for individual or tandem mounting. For row mounting, order RMT option.

Heavy-duty code grade steel. Metal parts are die-formed.

Finish: Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Standard finish is high-gloss, high reflectivety, baked white polyester (architectural black available).

OPTICS — Available with high performance A12 pattern clear acrylic or low brightness matte white opal acrylic. Front metal fascia eliminates direct illumination. Provides up/down distribution.

ELECTRICAL — AWM, TFN or THHN wire used throughout, rated for required temperatures. UL/CSA Ballast disconnect provided where required to comply with US and Canadian codes.

INSTALLATION — End caps spring-loaded for easy diffuser removal.

LISTINGS — UL Listed to US and Canadian safety standards. Optional: Mexico NOM.

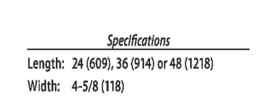
WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Commercial Wall Bracket

WC



T5 and T8
2', 3' or 4' Lengths
1 or 2 Lamps

Specifications

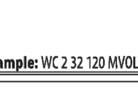
Length: 24 (609), 36 (914) or 48 (1218)

Width: 4-5/8 (118)

Depth: 4-9/16 (116)

Weight: 14 lbs (6.3 kg)

All dimensions are inches (millimeters) unless otherwise indicated.



ORDERING INFORMATION — For shortest lead times, configure product using **standard options (shown in bold).** **Example:** WC 2 32 120 MVOLT GEB10IS

WC					
Series	Number of lamps	Lamp type	Diffuser type	Voltage	Options
WC All purpose wall bracket	1 **2**	17 17W T8 (24") 25 25W T8 (36") **32** 32W T8 (48") 14T5 14W T5 (24") 21T5 21W T5 (36") 28T5 28W T5 (48") 24T5HO 24W T5HO (24") 39T5HO 39W T5HO (36") 54T5HO 54W T5HO (48")	**(blank)** Matte white opal acrylic A12 #12 pattern acrylic FAC Matte white opal acrylic with front metal fascia FA12 #12 pattern acrylic with front metal fascia	120 277 347 **MVOLT**	CO Grounded convenience outlet, 120V only (bottom right)[1] S1 Pull-chain switch; installed bottom left; on/off operation of all lamps only (120V only)[1] **GEB10IS** Electronic ballast, ≤ 10% THD, instant-start GEB10PS T5 and T8 electronic ballasts, ≤ 10% THD, programmed start MB Architectural black finish RMT Row mount[2] CSA CSA Certified. EL Emergency battery pack (nominal 300 lumens; see Life Safety Section)[3]

Notes

1 For optional locations, consult factory.

2 Includes continuous row joiner band. Not available with CSA; models requiring CSA labeling ship standard with joiner band. Cannot field install.

3 Not available on 2ft.

COM*check* Software Version 4.1.5.3

Interior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: U-Haul Moving & Storage of Gentilly
Project Type: New Construction

Construction Site: 6210 Chef Menteur Hwy. New Orleans, LA 70126 — Owner/Agent: — Designer/Contractor:

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
SELF STORAGE (Warehouse)	75472	0.8	60378
		Total Allowed Watts =	60378

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
SELF STORAGE (Warehouse 75472 sq.ft.)				
Linear Fluorescent 1: A/AE: Other: Electronic:	4	418	112	46816
Linear Fluorescent 2: BE: Other: Electronic:	2	10	59	590
Linear Fluorescent 3: V: Other: Electronic:	2	2	35	70
Compact Fluorescent 1: W: Twin Tube 36/39W: Electronic:	2	2	39	78
			Total Proposed Watts =	47554

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 21% better than code.

Lighting Wattage:

❑ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
60378	47554	YES

Controls, Switching, and Wiring:

❑ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.

❑ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

❑ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.

❑ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

❑ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

❑ Areas designated as security or emergency areas that must be continuously illuminated.

❑ Lighting in stairways or corridors that are elements of the means of egress.

❑ 5. Master switch at entry to hotel/motel guest room.

❑ 6. Individual dwelling units separately metered.

❑ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.

❑ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

Exceptions:

❑ Only one luminaire in space.

❑ An occupant-sensing device controls the area.

❑ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.

❑ Areas that use less than 0.6 Watts/sq.ft.

❑ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

❑ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.

❑ 10. Photocell/astronomical time switch on exterior lights.

Exceptions:

❑ Lighting intended for 24 hour use.

❑ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

❑ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check* Version 4.1.5.3 and to comply with the mandatory requirements in the Requirements Checklist.

David W. Day	[signature]	11/2/21
Name - Title	Signature	Date

COM*check* Software Version 4.1.5.3

Exterior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: U-Haul Moving & Storage of Gentilly
Project Type: New Construction
Exterior Lighting Zone: 4 (High activity metropolitan commercial district (LZ4))

Construction Site: 6210 Chef Menteur Hwy. New Orleans, LA 70126 — Owner/Agent: — Designer/Contractor:

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
MAN DOOR (Main entry)	4 ft of door width	30	Yes	120	59
Entry canopy	560 ft2	0.4	Yes	224	236
Other door (not main entry)	4 ft of door width	20	Yes	80	36
			Total Tradable Watts* =	424	331
			Total Allowed Watts =	424	
			Total Allowed Supplemental Watts** =	1300	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.

** A supplemental allowance equal to 1300 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
MAN DOOR (Main entry 4 ft of door width): Tradable Wattage				
Linear Fluorescent 1: Other: Electronic:	2	1	59	59
Entry canopy (560 ft2): Tradable Wattage				
Linear Fluorescent 2: Other: Electronic:	2	4	59	236
Other door (not main entry) (4 ft of door width): Tradable Wattage				
LED 1: Other:	8	3	12	36
			Total Tradable Proposed Watts =	331

Section 4: Requirements Checklist

Lighting Wattage:

❑ 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/surfaces, total proposed watts must be less than or equal to total allowed watts.
Compliance: Passes.

Controls, Switching, and Wiring:

❑ 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.

❑ 3. Lighting not designated for dusk-to-dawn operation is controlled by either a a photosensor (with time switch), or an astronomical time switch.

❑ 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.

❑ 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

Exterior Lighting Efficacy:

❑ 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

Exceptions:

❑ Lighting that has been claimed as exempt and is identified as such in Section 3 table above.

❑ Lighting that is specifically designated as required by a health or life safety statue, ordinance, or regulation.

❑ Emergency lighting that is automatically off during normal building operation.

❑ Lighting that is controlled by motion sensor.

Exterior Lighting PASSES: Design 81% better than code.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check* Version 4.1.5.3 and to comply with the mandatory requirements in the Requirements Checklist.

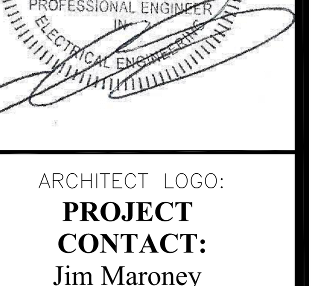
David W. Day	[signature]	11/2/21
Name - Title	Signature	Date

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	–	–	
2	–	–	
3	–	–	
4	–	–	
5	–	–	
6	–	–	
7	–	–	
8	–	–	

PROFESSIONAL SEAL:



ARCHITECT LOGO:

PROJECT CONTACT:
Jim Maroney
(480) 566-8300

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
LIGHTING SPEC. & IECC CALCULATIONS PHASE 2 BUILDING B

747074

DRAWN:	JP	E6.1.2
CHECKED:	AML	
DATE:	09/03/21	

© 2021 AMERCO REAL ESTATE COMPANY

Google Maps 6280 Old Gentilly Rd

Image capture: Jan 2021 © 2022 Google

New Orleans, Louisiana

Google

Street View - Jan 2021

Google Maps New Orleans, Louisiana

Image capture: Oct 2018 © 2022 Google

Google

Street View - Oct 2018

GENERAL NOTES:

1. THE ORIGINAL DRAWING OF THIS WORK IS THE PROPERTY OF THOMPSON ENGINEERING, INC. REPRODUCTION OF THIS PRINT IS PROHIBITED WITHOUT PERMISSION OF THIS FIRM.
2. ADDITIONAL INFORMATION IS OFTEN ADDED IN A CONTINUOUS UPDATING PROCESS. CHECK FOR LATEST REVISION DATA BEFORE ACTING ON DATA SHOWN. THE FIRM IS NOT RESPONSIBLE FOR ACTIONS OR WORK BASED UPON OBSOLETE DATA FOR WHICH THE FIRM WAS NOT SPECIFICALLY CONSULTED.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHOD, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND THE CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT THE FINISHED WORK COMPLIES ACCURATELY WITH THE PROJECT DRAWINGS.
4. THIS PLAN WAS PREPARED IN ACCORDANCE WITH LOUISIANA HORTICULTURE LAW AND THE PROVISIONS AND SPECIFICATIONS OF ORLEANS PARISH ORDINANCES ARTICLE 23.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH ALL APPLICABLE LAWS.
6. THE LANDSCAPE ARCHITECT WILL PROVIDE FINAL INSPECTION TO CERTIFY THAT THE PROJECT HAS BEEN IMPLEMENTED IN ACCORDANCE WITH THE SEALED PLANS. NO FIELD SUPERVISION OR INSPECTION SHALL BE PROVIDED BY THE LANDSCAPE ARCHITECT DURING CONSTRUCTION OR INSTALLATION.
7. VERIFY DISCREPANCIES BETWEEN SCHEDULES, PLANS, AND SPECIFICATIONS WITH THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE PARTICULAR WORK.
8. IF A PARTICULAR PRODUCT CAN NOT BE OBTAINED, VERIFY ACCEPTABLE REPLACEMENTS WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
9. ALL WORKS TO BE PERFORMED BY A LICENSED LANDSCAPE CONTRACTOR.
10. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES/SERVICES ON SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND ENSURE THAT THEY WILL NOT HAVE EFFECT ON THE WORKS. THE LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS IMMEDIATELY.
11. THE LANDSCAPE CONTRACTOR SHALL SUPPLY PLANTS AS SPECIFIED IN THE PLANTING SCHEDULE. PLANTS SHALL BE DELIVERED ON SITE TRUE TO POT SIZE, SPECIES AND TYPE, AND FREE OF WEEDS, DISEASE, AND FUNGAL INFECTION AND SHALL CONFORM WITH ALL APPLICABLE PROVISIONS OF THE AMERICAN STANDARDS FOR NURSERY STOCK, CURRENT EDITION.
12. MAINTENANCE OF ALL LANDSCAPE WORKS IS TO BE CARRIED OUT BY THE LANDSCAPE CONTRACTOR UNTIL COMPLETION OF THE LANDSCAPE WORKS, INCLUDING BUT NOT LIMITED TO REPLACEMENT OF DEAD AND/OR DISEASED PLANT STOCK AND REMOVAL OF WEEDS, TRASH, AND SURPLUS MATERIALS.
13. THE LANDSCAPE CONTRACTOR SHOULD CONSIDER IN EVERY INSTANCE WHETHER THE USE OF CHEMICALS IS STRICTLY NECESSARY BEFORE APPLICATION, AND ASSESS THE PRODUCT, SITE CONDITIONS, AND SPECIES TO ENSURE MINIMUM RISK TO HIS EMPLOYEES, OTHER USERS OF THE SITE, AND THE ENVIRONMENT.
14. DISPOSAL OF CONTAINERS AND CHEMICALS WILL BE OFF SITE AND AT APPROPRIATE FACILITIES.
15. STAKING OF TREES MAY NOT BE NECESSARY. IF STAKING IS DONE, FOLLOW PROVIDED INSTALLATION DIAGRAM AND REMOVE AT THE APPROPRIATE TIME.
16. THE LANDSCAPE CONTRACTOR IS ONLY RESPONSIBLE FOR FINE GRADING OF THE PLANTING AREAS.
17. ANY IMPORTED TOP SOIL WILL BE FREE FROM LARGE STONES, STICKS, ROOTS, LARGE CLODS OF CLAY, WEEDS, INSECTS, DEBRIS, AND ANY MATERIAL THAT MAY BE TOXIC TO PLANT GROWTH.
18. AT THE TIME OF PLANTING, PLANTS SHOULD BE FERTILIZED WITH A TIME RELEASED FERTILIZER AND HAVE A 2" LAYER OF PINE STRAW MULCH.
19. ALL DIMENSIONS, AREAS, AND QUANTITIES ARE BASED ON PRE-CONSTRUCTION DRAWINGS AND SHOULD BE FIELD VERIFIED BY THE LANDSCAPE CONTRACTOR PRIOR TO INSTALLATION.
20. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD; DO NOT OVERLAP OR STRETCH. STAGGER SOD STRIPS OR PADS TO OFFSET JOINTS IN ADJACENT COURSES. AVOID DAMAGE TO SUBGRADE OR SOD DURING INSTALLATION. TAMP AND ROLL LIGHTLY TO ENSURE CONTACT WITH SUBGRADE, ELIMINATE AIR POCKETS, AND FORM A SMOOTH SURFACE.
21. GRADE LAWN AND GRASS AREAS TO A SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORMLY FINE TEXTURE. ROLL AND RAKE, REMOVE RIDGES, AND FILL IN DEPRESSIONS TO MEET FINISH GRADES AND ENSURE POSITIVE DRAINAGE.
22. IF PROPOSED CONSTRUCTION SHALL CAUSE CHANGES IN THE LANDSCAPE AND/OR IRRIGATION PLAN, A REVISED PLAN SHALL BE SUBMITTED BY THE PROJECT'S LANDSCAPE ARCHITECT FOR RE-EVALUATION PRIOR TO THE INSTALLATION OF PLANTINGS. IN NO CASE SHALL PLANS BE ALTERED UNLESS APPROVED BY THE LANDSCAPE ARCHITECT WHO ORIGINALLY CERTIFIED THE PLANS. FAILURE TO INSTALL LANDSCAPING IN ACCORDANCE WITH THE LANDSCAPE PLAN APPROVED BY THE OWNER AND REGULATORY AGENCY SHALL BE SUBJECT TO REMOVAL AND REINSTLLATION OF THE PLANT MATERIAL AT THE COST OF THE LANDSCAPE CONTRACTOR.

EXISTING SITE

PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	SIZE	HEIGHT	QTY	REMARKS
	ACE RBR	Acer rubrum / Red Maple	2" Cal.	12` MIN.	3	
	BET NIG	Betula nigra / River Birch	2.5" Cal.	6` MIN.	5	

SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
	HIB LAS	Hibiscus lasiocarpus / Rosemallow	3 gal.	14
	IRI LOU	Iris louisiana / Louisiana Iris	1 gal.	64
	JUN EFF	Juncus effusus / Common Rush	1 gal.	19
	MYR CER	Myrica cerifera / Wax Myrtle	5 gal.	26
	PIT DWF	Pittosporum tobira 'Turner's Variegated Dwarf' / Variegated Dwarf Pittosporum	3 gal.	43
	SAB MIN	Sabal minor / Dwarf Palmetto	5 gal.	13

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
SAMANTHA M. MONTOYA
REG NO. M-818
LICENSED LANDSCAPE ARCHITECT
9/16/2022

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
LANDSCAPE PLAN

747074

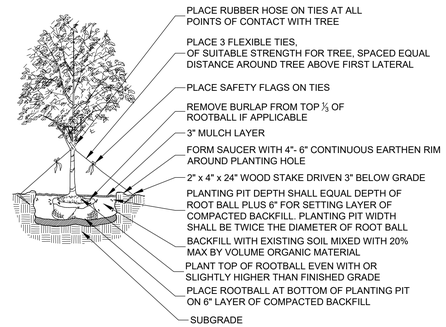
DRAWN:	SMM	L100
CHECKED:	SMM	
DATE:	08/19/2022	

L100-LANDSCAPE

© 2021 AMERCO REAL ESTATE COMPANY

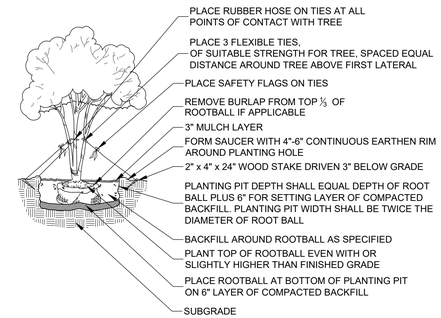
GENERAL NOTES:

1. THE ORIGINAL DRAWING OF THIS WORK IS THE PROPERTY OF THOMPSON ENGINEERING, INC. REPRODUCTION OF THIS PRINT IS PROHIBITED WITHOUT PERMISSION OF THIS FIRM.
2. ADDITIONAL INFORMATION IS OFTEN ADDED IN A CONTINUOUS UPDATING PROCESS. CHECK FOR LATEST REVISION DATA BEFORE ACTING ON DATA SHOWN. THE FIRM IS NOT RESPONSIBLE FOR ACTIONS OR WORK BASED UPON OBSOLETE DATA FOR WHICH THE FIRM WAS NOT SPECIFICALLY CONSULTED.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHOD, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND THE CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT THE FINISHED WORK COMPLIES ACCURATELY WITH THE PROJECT DRAWINGS.
4. THIS PLAN WAS PREPARED IN ACCORDANCE WITH LOUISIANA HORTICULTURE LAW AND THE PROVISIONS AND SPECIFICATIONS OF ORLEANS PARISH ORDINANCES ARTICLE 23.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH ALL APPLICABLE LAWS.
6. THE LANDSCAPE ARCHITECT WILL PROVIDE FINAL INSPECTION TO CERTIFY THAT THE PROJECT HAS BEEN IMPLEMENTED IN ACCORDANCE WITH THE SEALED PLANS. NO FIELD SUPERVISION OR INSPECTION SHALL BE PROVIDED BY THE LANDSCAPE ARCHITECT DURING CONSTRUCTION OR INSTALLATION.
7. VERIFY DISCREPANCIES BETWEEN SCHEDULES, PLANS, AND SPECIFICATIONS WITH THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE PARTICULAR WORK.
8. IF A PARTICULAR PRODUCT CAN NOT BE OBTAINED, VERIFY ACCEPTABLE REPLACEMENTS WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
9. ALL WORKS TO BE PERFORMED BY A LICENSED LANDSCAPE CONTRACTOR.
10. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES/SERVICES ON SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND ENSURE THAT THEY WILL NOT HAVE EFFECT ON THE WORKS. THE LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS IMMEDIATELY.
11. THE LANDSCAPE CONTRACTOR SHALL SUPPLY PLANTS AS SPECIFIED IN THE PLANTING SCHEDULE. PLANTS SHALL BE DELIVERED ON SITE TRUE TO POT SIZE, SPECIES AND TYPE, AND FREE OF WEEDS, DISEASE, AND FUNGAL INFECTION AND SHALL CONFORM WITH ALL APPLICABLE PROVISIONS OF THE AMERICAN STANDARDS FOR NURSERY STOCK, CURRENT EDITION.
12. MAINTENANCE OF ALL LANDSCAPE WORKS IS TO BE CARRIED OUT BY THE LANDSCAPE CONTRACTOR UNTIL COMPLETION OF THE LANDSCAPE WORKS, INCLUDING BUT NOT LIMITED TO REPLACEMENT OF DEAD AND/OR DISEASED PLANT STOCK AND REMOVAL OF WEEDS, TRASH, AND SURPLUS MATERIALS.
13. THE LANDSCAPE CONTRACTOR SHOULD CONSIDER IN EVERY INSTANCE WHETHER THE USE OF CHEMICALS IS STRICTLY NECESSARY BEFORE APPLICATION, AND ASSESS THE PRODUCT, SITE CONDITIONS, AND SPECIES TO ENSURE MINIMUM RISK TO HIS EMPLOYEES, OTHER USERS OF THE SITE, AND THE ENVIRONMENT.
14. DISPOSAL OF CONTAINERS AND CHEMICALS WILL BE OFF SITE AND AT APPROPRIATE FACILITIES.
15. STAKING OF TREES MAY NOT BE NECESSARY. IF STAKING IS DONE, FOLLOW PROVIDED INSTALLATION DIAGRAM AND REMOVE AT THE APPROPRIATE TIME.
16. THE LANDSCAPE CONTRACTOR IS ONLY RESPONSIBLE FOR FINE GRADING OF THE PLANTING AREAS.
17. ANY IMPORTED TOP SOIL WILL BE FREE FROM LARGE STONES, STICKS, ROOTS, LARGE CLODS OF CLAY, WEEDS, INSECTS, DEBRIS, AND ANY MATERIAL THAT MAY BE TOXIC TO PLANT GROWTH.
18. AT THE TIME OF PLANTING, PLANTS SHOULD BE FERTILIZED WITH A TIME RELEASED FERTILIZER AND HAVE A 2" LAYER OF PINE STRAW MULCH.
19. ALL DIMENSIONS, AREAS, AND QUANTITIES ARE BASED ON PRE-CONSTRUCTION DRAWINGS AND SHOULD BE FIELD VERIFIED BY THE LANDSCAPE CONTRACTOR PRIOR TO INSTALLATION.
20. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD; DO NOT OVERLAP OR STRETCH. STAGGER SOD STRIPS OR PADS TO OFFSET JOINTS IN ADJACENT COURSES. AVOID DAMAGE TO SUBGRADE OR SOD DURING INSTALLATION. TAMP AND ROLL LIGHTLY TO ENSURE CONTACT WITH SUBGRADE, ELIMINATE AIR POCKETS, AND FORM A SMOOTH SURFACE.
21. GRADE LAWN AND GRASS AREAS TO A SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORMLY FINE TEXTURE. ROLL AND RAKE, REMOVE RIDGES, AND FILL IN DEPRESSIONS TO MEET FINISH GRADES AND ENSURE POSITIVE DRAINAGE.
22. IF PROPOSED CONSTRUCTION SHALL CAUSE CHANGES IN THE LANDSCAPE AND/OR IRRIGATION PLAN, A REVISED PLAN SHALL BE SUBMITTED BY THE PROJECT'S LANDSCAPE ARCHITECT FOR RE-EVALUATION PRIOR TO THE INSTALLATION OF PLANTINGS. IN NO CASE SHALL PLANS BE ALTERED UNLESS APPROVED BY THE LANDSCAPE ARCHITECT WHO ORIGINALLY CERTIFIED THE PLANS. FAILURE TO INSTALL LANDSCAPING IN ACCORDANCE WITH THE LANDSCAPE PLAN APPROVED BY THE OWNER AND REGULATORY AGENCY SHALL BE SUBJECT TO REMOVAL AND REINSTLLATION OF THE PLANT MATERIAL AT THE COST OF THE LANDSCAPE CONTRACTOR.



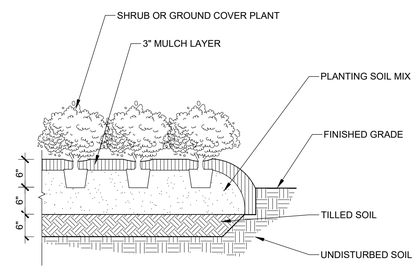
1 TREE PLANTING DETAIL
SCALE: NTS

NOTE: STAKING OF EVERY TREE MAY NOT BE NECESSARY. DO NOT USE STAKES IF NOT REQUIRED.

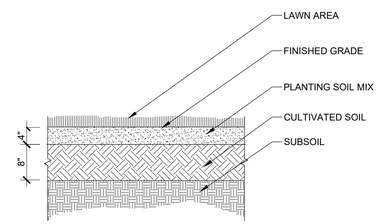


2 MULTI-TRUNK TREE PLANTING DETAIL
SCALE: NTS

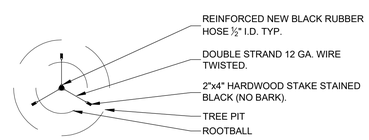
NOTE: STAKING OF EVERY TREE MAY NOT BE NECESSARY. DO NOT USE STAKES IF NOT REQUIRED.



3 SHRUB/ GROUNDCOVER PLANTING DETAIL
SCALE: NTS



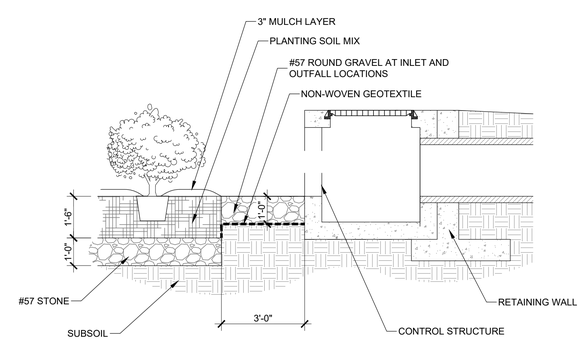
4 SOD INSTALLATION DETAIL
SCALE: NTS



NOTE: CONTRACTOR MAY USE PLASTIC TREE GUYING CHAIN IF APPROVED BY LANDSCAPE ARCHITECT

5 TREE STAKING PLAN DETAIL
SCALE: NTS

NOTE: STAKING OF EVERY TREE MAY NOT BE NECESSARY. DO NOT USE STAKES IF NOT REQUIRED.



6 POND PLANTING DETAIL
SCALE: NTS

NOTE: SEE CIVIL SET FOR FULL CONTROL STRUCTURE & RETAINING WALL DETAILS

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
SAMANTHA M. MONTOYA
REG NO. M-938
LICENSED
LANDSCAPE ARCHITECT

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
LANDSCAPE DETAILS

747074

DRAWN:	SMM	L101
CHECKED:	SMM	
DATE:	08/19/2022	

L100-LANDSCAPE

© 2021 AMERCO REAL ESTATE COMPANY

"Z:\Projects\2022\Projects\1116022-1116-0008 Amerco UHaul Gretna Landscape\Working\Architectural\04 Contract Document Phase\Drawings\L101 - LANDSCAPE DETAILS.dwg"

GENERAL NOTES:

1. THE ORIGINAL DRAWING OF THIS WORK IS THE PROPERTY OF THOMPSON ENGINEERING, INC. REPRODUCTION OF THIS PRINT IS PROHIBITED WITHOUT PERMISSION OF THIS FIRM.
2. ADDITIONAL INFORMATION IS OFTEN ADDED IN A CONTINUOUS UPDATING PROCESS. CHECK FOR LATEST REVISION DATA BEFORE ACTING ON DATA SHOWN. THE FIRM IS NOT RESPONSIBLE FOR ACTIONS OR WORK BASED UPON OBSOLETE DATA FOR WHICH THE FIRM WAS NOT SPECIFICALLY CONSULTED.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHOD, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND THE CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT THE FINISHED WORK COMPLIES ACCURATELY WITH THE PROJECT DRAWINGS.
4. THIS PLAN WAS PREPARED IN ACCORDANCE WITH LOUISIANA HORTICULTURE LAW AND THE PROVISIONS AND SPECIFICATIONS OF ORLEANS PARISH ORDINANCES ARTICLE 23.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH ALL APPLICABLE LAWS.
6. ALL WORKS TO BE INSTALLED BY A LICENSED IRRIGATION CONTRACTOR.

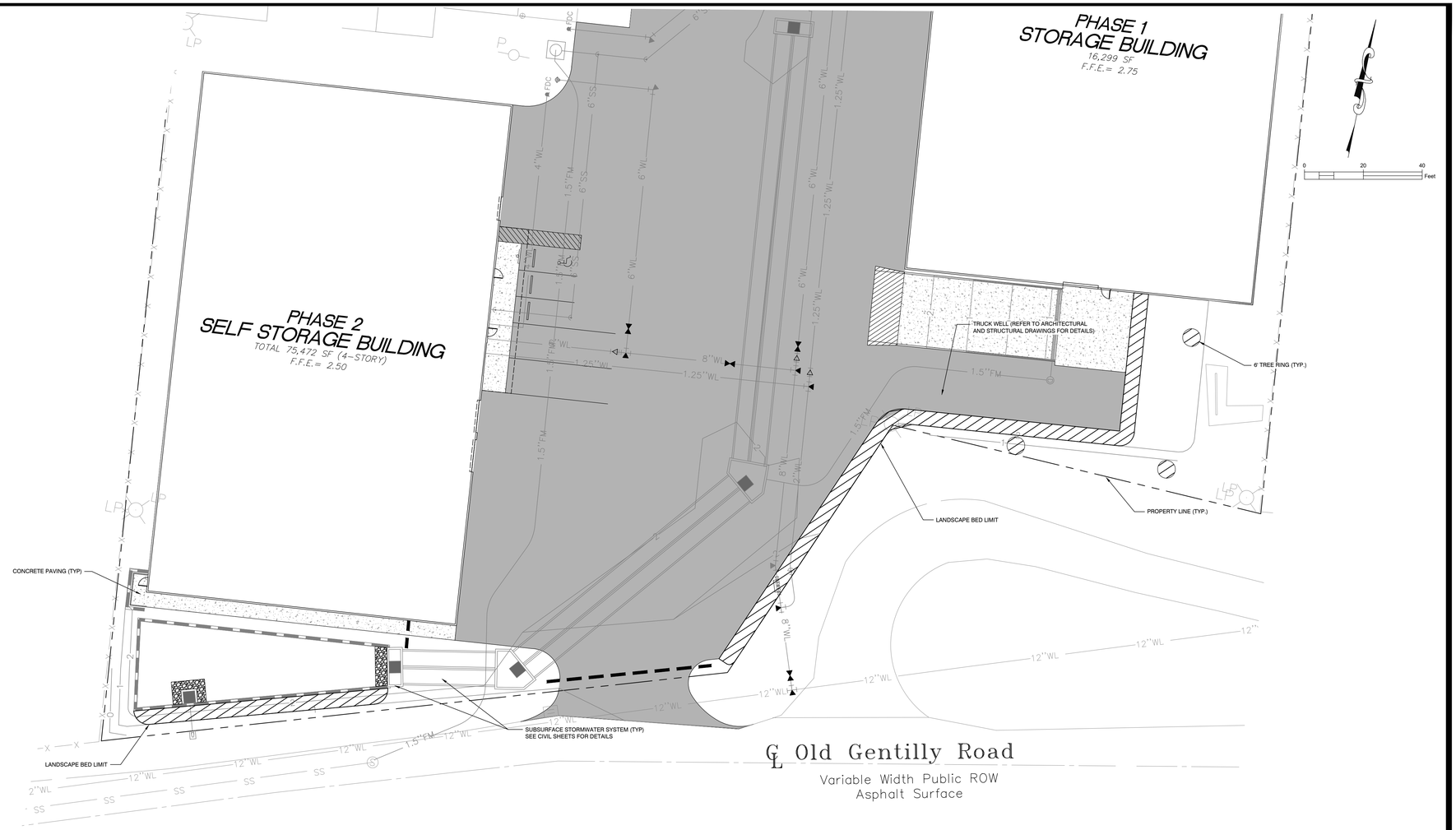
IRRIGATION NOTES

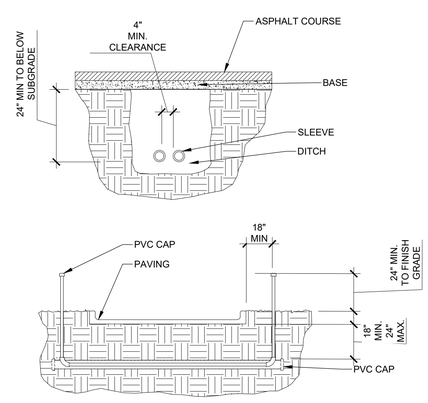
1. IRRIGATION MAIN TO TIE INTO EXISTING WATER MAIN.
2. ALL IRRIGATION EQUIPMENT TO BE MANUFACTURED BY RAINBIRD OR APPROVED EQUAL.
3. ANY DAMAGE CAUSED TO EXISTING PAVEMENT WHEN INSTALLING PVC IRRIGATION SLEEVES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR.

LEGEND:

IRRIGATION LIMITS

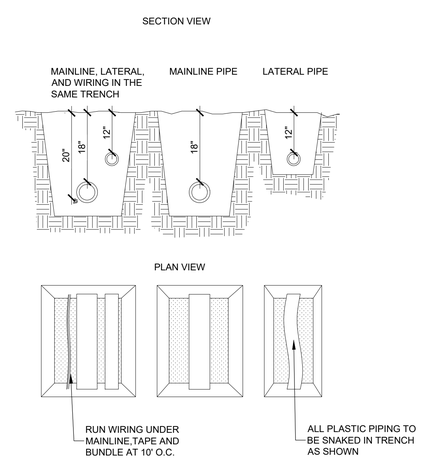
6" PVC SLEEVING





NOTES:
1. ALL PVC IRRIGATION SLEEVING TO BE CLASS 200.
2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND SMALLER SLEEVE TO 24" MIN. ABOVE FINISH GRADE.
4. MECHANICALLY TAMP TO 95% PROCTOR.

1 IRRIGATION SLEEVING
SCALE: NTS



NOTE:
SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCHEDULE 40 PVC 2 TIMES THE DIAMETER OF THE PIPE WITHIN.

2 PIPE AND WIRE TRENCHING
SCALE: NTS

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1			
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
SAMANTHA M. MONTOYA
REG. NO. M-378
LICENSED LANDSCAPE ARCHITECT
7-15-2022

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO REAL ESTATE COMPANY
CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
IRRIGATION LIMITS

747074

DRAWN:	SMM	L102
CHECKED:	SMM	
DATE:	08/19/2022	

L100-LANDSCAPE

© 2021 AMERCO REAL ESTATE COMPANY

This project is an expansion of an existing U-Haul Storage facility on Chef Menteur Highway.

The rear of the lot extends to Old Gentilly Road and provides access to these buildings.

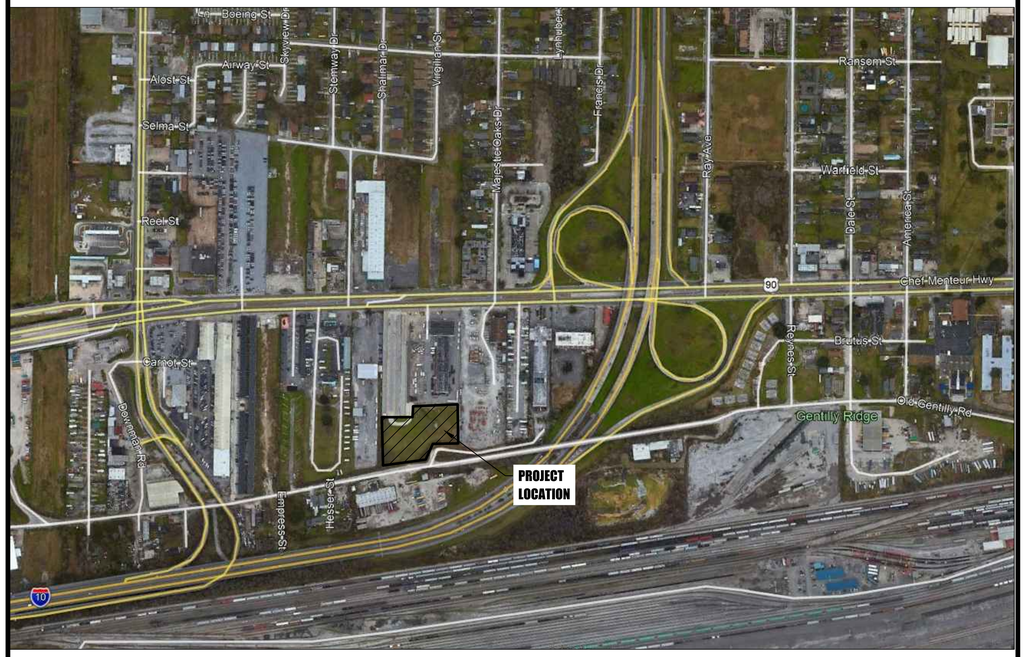
As indicated in the plans submitted as part of this application, the size, type, and use of the new buildings complies with the Comprehensive Zoning Ordinance and meets the requirements of the design goals; specifically, we conform to the ordinance's height and set back limits for this area, and also to the landscape, drainage and parking requirements. Further, these buildings are consistent with the context, character, scale and materials of the surrounding area, are consistent with current zoning uses and with surrounding land uses, and will have a positive impact on local economic activity.

No signage is included in this project.

The stormwater management plan has been submitted and is currently under review for compliance.

PROPOSED SELF STORAGE BUILDING EXPANSION
NEW ORLEANS, LA
PREPARED FOR
U-HAUL MOVING & STORAGE OF GENTILLY

NOVEMBER 2, 2021
PROJECT NUMBER 21-1101-0191



PROJECT VICINITY MAP
N.T.S.

INDEX TO DRAWINGS

SHEET	DESCRIPTION
G100	TITLE PLAN
G101	PROJECT NOTES AND LEGENDS
C100	EXISTING CONDITIONS PLAN
C110	DEMOLITION PLAN
C200	SITE PLAN
C400	GRADING AND DRAINAGE PLAN
C401–C402	DRAINAGE PROFILES
C500	EROSION AND SEDIMENT CONTROL NOTES
C501	EROSION AND SEDIMENT CONTROL PLAN
C600	UTILITY PLAN
C700	CONSTRUCTION DETAILS
C701	CONSTRUCTION DETAILS
C702	CONSTRUCTION DETAILS
C703	CONSTRUCTION DETAILS

thompson
ENGINEERING
6706 PLANTATION ROAD
SUITE C
PENSACOLA, FL 32504
TEL: (850) 202–3030
FAX: (251) 666–6422

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	11/02/21	FEL	ISSUED FOR PERMITTING
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. THOMPSON
LICENSED PROFESSIONAL ENGINEER
11/02/21
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY
CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U-Haul Moving & Storage
of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:

TITLE PLAN

747074

DRAWN:	FEL	G100
CHECKED:	FEL	
DATE:	11/02/21	

0G100_TITLE SHEET

© 2021 AMERCO REAL ESTATE COMPANY

GENERAL NOTES

1. THE OWNER RESERVES THE RIGHT TO DELETE OR MODIFY ANY BID ITEM OF WORK. NO ADJUSTMENTS WILL BE MADE TO THE OTHER BID ITEM PRICES DUE TO THESE REVISIONS.

2. THE PROJECT CONTRACTOR SHALL ALWAYS HAVE A COPY OF THE FOLLOWING:

   a. LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES LATEST EDITION.
   b. THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FROM ALL UTILITY COMPANIES.
   c. BEST MANAGEMENT PRACTICES FOR COASTAL LOUISIANA NONPOINT SOURCE POLLUTION.

3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.

4. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.

5. THE CONTRACTOR SHALL CALL 811 AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES AS A RESULT OF FAILURE TO HAVE UTILITIES MARKED PRIOR TO EXCAVATION.

6. THE LOCATION OF ALL UNDERGROUND FACILITIES SHOWN ON THESE PLANS IS BASED ON INFORMATION PROVIDED BY THE UTILITIES AND SHALL BE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO HORIZONTALLY AND VERTICALLY LOCATE ALL UTILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.

7. THE ENGINEER RESERVES THE RIGHT TO ADJUST ANY PROPOSED UTILITY LINES TO AVOID CONFLICTS WITH EXISTING UTILITY LINES LOCATED BY THE CONTRACTOR.

8. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, GAS, CABLE TV, TELEPHONE, AND POWER COMPANIES A MINIMUM OF 10 DAYS IN ADVANCE THAT HE INTENDS TO START WORK IN A SPECIFIC AREA. THE OWNER DISCLAIMS ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF DRAINS, WATER LINES, GAS LINES, SEWER LINES, UNDERGROUND CONDUITS, OR ANY OTHER UNDERGROUND UTILITY SERVICES OF ANY KIND OR STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE, RIGHT OF WAY, OR EASEMENT.

9. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.

10. TEMPORARY PROTECTIVE DEVICES SHALL BE INSTALLED AS REQUIRED AROUND THE DEMOLITION WORK FOR PROTECTION OF PERSONNEL, EXISTING ADJACENT BUILDINGS, AND EQUIPMENT AGAINST DUST AND FALLING OR FLYING DEBRIS.

11. ALL EXISTING TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED.

12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. ANY DEVIATION FROM THE APPROVED CONSTRUCTION DOCUMENTS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO UPDATE/REPLACE ANY DEFICIENT MATERIAL/EQUIPMENT NECESSARY TO BRING THE FINAL PRODUCT TO THE STANDARDS OF THE CONSTRUCTION DOCUMENTS.

13. ALL FILL MATERIALS USED OR WORK PERFORMED SHALL CONFORM TO LADOTD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.

14. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE AND UNSUITABLE MATERIAL OFF THE PROJECT SITE AT A SITE (LOCATED ABOVE MEAN HIGH WATER ELEVATION) FURNISHED BY THE CONTRACTOR. THERE WILL BE NO ADDITIONAL COMPENSATION FOR EITHER USING THE WASTE MATERIAL AS DIRECTED OR FOR DISPOSING OF IT OFF THE PROJECT SITE.

15. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWINGS SET DURING CONSTRUCTION WHICH SHOWS AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, OUTLET STRUCTURES, DIMENSIONS, ACTUAL QUANTITIES, ETC. THESE RECORD DRAWINGS ARE TO BE PROVIDED TO THE PROJECT ENGINEER PRIOR TO REQUESTING FINAL INSPECTION. AN "ISSUED FOR CONSTRUCTION" DRAWING SET SHALL BE USED.

SAFETY:

1. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF O.S.H.A. AND EM385 SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROJECT SAFETY PRECAUTIONS AS PER THE CONTRACT REQUIREMENTS.

3. WHERE TRENCH EXCAVATION EXCEEDS FIVE (5) FEET IN DEPTH, THE CONTRACTOR SHALL BE COMPLIANT WITH OSHA STANDARD 29 CFR SECTION 1926.650 SUBPART P.

4. THERE SHALL BE NO UNPROTECTED OPEN TRENCHES AT THE DAY'S END.

GRADING & STORM WATER NOTES:

1. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION.

2. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE DESIGN ENGINEER.

3. GRADE UNIFORMLY BETWEEN CONTROL ELEVATIONS AS SHOWN. WHERE NO CONTOURS ARE SHOWN, GRADE UNIFORMLY TOWARD POND OR OTHER SITE BOUNDARIES.

4. SOLID SOD ALL AREAS DISTURBED BY CONSTRUCTION. SOD SHALL BE PLACED, WATERED, FERTILIZED WITH APPROPRIATE SOIL AMENDMENTS IN ACCORDANCE WITH THESE CONSTRUCTION DOCUMENTS.

5. ALL EXCAVATION AND BACKFILL NECESSARY FOR THE INSTALLATION OF STORM WATER AND UTILITY PIPING TO PLAN GRADE SHALL BE INCLUDED IN THE UNIT PRICE OF THE PIPE UNLESS OTHERWISE NOTED.

GEOTECHNICAL:

1. THE CONTRACTOR WILL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH AGENCY REQUIREMENTS. THIS SHALL INCLUDE DENSITY TESTS IN ALL PAVEMENT AREAS AND IN ALL UTILITY TRENCHES LOCATED IN PAVEMENT AREAS CONCRETE TESTING AND ALL OTHER MATERIAL TESTING. PRIOR TO BASE MATERIAL PLACEMENT, THE PROJECT GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATION FOR UNDERDRAIN PLACEMENT IF NEEDED.

2. TEMPORARY CONTROL OF GROUNDWATER, SUBSURFACE STABILIZATION AND SOIL COMPACTION SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

SURVEY:

1. BEARINGS SHOWN ARE BASED ON THE "LOUISIANA COORDINATE SYSTEM OF 1983 STATE ZONE" (NAD 83).

2. SURVEY PERFORMED BY COLLINS & ASSOCIATES LAND SURVEYORS, INC, DATED FEBRUARY 26, 2014.

3. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.

4. ALL CONSTRUCTION LINES AND GRADES SHALL BE ESTABLISHED AND MAINTAINED BY THE CONTRACTOR.

DEWATERING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING OPERATIONS AND TO ENSURE ALL STATE REQUIREMENTS ARE MET. THE CONTRACTOR MUST OBTAIN A DEWATERING PERMIT FROM THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY IF REQUIRED.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL REFER TO LADOTD STANDARD DETAILS SHEETS EC-01 (SHEETS 1 & 2) FOR TEMPORARY EROSION CONTROL DETAILS.

2. THE CONTRACTOR SHALL ESTABLISH EROSION CONTROL PRIOR TO COMMENCING ANY CONSTRUCTION OR DEMOLITION ON THE PROJECT. EROSION CONTROL BARRIER PLACEMENT AS INDICATED IS A SUGGESTED MINIMUM REQUIREMENT ONLY AND DOES NOT RELIEVE THE CONTRACTOR FROM CONTROLLING EROSION AND SEDIMENT WITHIN THE PROJECT SITE. EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND BE MAINTAINED DURING THE ENTIRE TIME OF CONSTRUCTION AND DEMOLITION ON THE PROJECT. CONTRACTOR SHALL CONTACT THE ENGINEER IF ADDITIONAL EROSION CONTROL IS REQUIRED.

3. ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND THE TRANSPORTATION OF SEDIMENT TO DOWNSTREAM AREAS. SUCH EFFORTS SHALL BE IN ACCORDANCE WITH THE LDEQ BEST MANAGEMENT PRACTICES (BMP) MANUAL FOR LOUISIANA CONSTRUCTION.

4. AN EROSION CONTROL BARRIER IS TO BE PLACED ALONG ALL BOUNDARIES OF THE PROJECT AREA AS SHOWN BEFORE CONSTRUCTION BEGINS AND REMAIN IN PLACE UNTIL CONSTRUCTION IS FINISHED AND ACCEPTED AND FINAL STABILIZATION IS COMPLETE.

5. THE CONTRACTOR SHALL INSPECT AND REESTABLISH EROSION CONTROL BARRIERS WEEKLY AND AFTER EVERY SIGNIFICANT STORM EVENT.

6. THE CONTRACTOR SHALL CLEAN-OUT ACCUMULATED SILT IN STORM WATER PIPES AND IN ONSITE PONDING AREAS AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.

7. IT SHALL BE THE RESPONSIBILITY OF THE SITEWORK/GENERAL CONTRACTOR TO REVIEW THE CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN NOTES AS INDICATED ON SHEET G102. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY TO NOTIFY THE ENGINEER AND OWNER IMMEDIATELY SHOULD THE CONTRACTOR FEEL THAT ADDITIONAL EROSION CONTROL MEASURES BE NEEDED TO EFFECTIVELY COMPLETE THE PROPOSED IMPROVEMENTS.

TRAFFIC CONTROL NOTES:

1. CONTRACTOR SHALL REFER TO LADOTD STANDARD DETAIL SHEET TTC-03 TEMPORARY TRAFFIC CONTROL – LAYOUT FOR LANE CLOSURES ON TWO LANE ROADS WITH TWO-WAY TRAFFIC NEAR INTERSECTIONS (FLAGGING OPERATIONS).

2. CONTRACTOR SHALL REFER TO LADOTD SHEETS TTC-00(A), TTC-00(B) & TTC-00(C) TEMPORARY TRAFFIC CONTROL – GENERAL NOTES SHEET FOR ALL TRAFFIC CONTROL REQUIREMENTS.

CONSTRUCTION SEQUENCE OF MAJOR ACTIVITIES:

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED
3. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASINS
4. CONSTRUCT SEDIMENT BASINS
5. CONTINUE CLEARING AND GRUBBING
6. CONTRACTOR IS TO REMOVE ALL EXCESS MATERIAL OFF SITE & DISPOSE OF THE MATERIAL IN ACCORDANCE WITH STATE REGULATIONS
7. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED
8. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE
9. INSTALL UTILITIES, STORM SEWER, CURB AND GUTTER
10. APPLY ROADWAY BASE
11. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTINGS
12. COMPLETE FINAL GRADING
13. REMOVE ACCUMULATED SEDIMENT FROM BASINS
14. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED

EXISTING CONDITIONS LEGEND

Symbol	Description
P	Power Pole
T	Telephone Pedestal
G	Gas Meter
	Bollard
	Storm Drain
FH	Fire Hydrant
W	Water Valve
W	Water Manhole
S	Sanitary Manhole
	AC Unit
M	Manhole
N.	North
S.	South
E.	East
W.	West
°	Degrees
'	Feet or Minutes
"	Inches or Seconds
(R)	Record
(M)	Measured
(C)	Calculated
	Overhead Electric Lines
— x —	Fence Lines
L.A.	Landscaped Area
ROW	Right-of-way
CL	Centerline
W	Water Meter
E	Electric Meter
	Ingress or Egress
	Water Lines
D	Storm Drain
o	Set 1/2" iron rod w/cap
•	Found monument
— GAS —	Underground Gas Lines
— UGT —	Underground T-Phone Lines

PROPOSED CONDITIONS LEGEND

Symbol	Description
	CONCRETE CURB & GUTTER
	PAVEMENT STRIP (WHITE)
	PAVEMENT STRIP (YELLOW)
11	MINOR CONTOUR
10	MINOR CONTOUR
	STORM DRAIN
	FLOW LINE DIRECTION
9.25	SPOT ELEVATION
	CONCRETE PAVEMENT
	STANDARD DUTY ASPHALT PAVEMENT
	HEAVY DUTY ASPHALT PAVEMENT
5 / 520 (STRUCTURE NO. / PLAN/PROFILE SHEET)	PROPOSED STORM STRUCTURE LABEL

LA One Call 811

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	11/02/21	FEL	ISSUED FOR PERMITTING
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. LEATHERWOOD, III
License No. 33504
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
11/02/21

ENGINEER LOGO:

thompson ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO REAL ESTATE COMPANY
CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

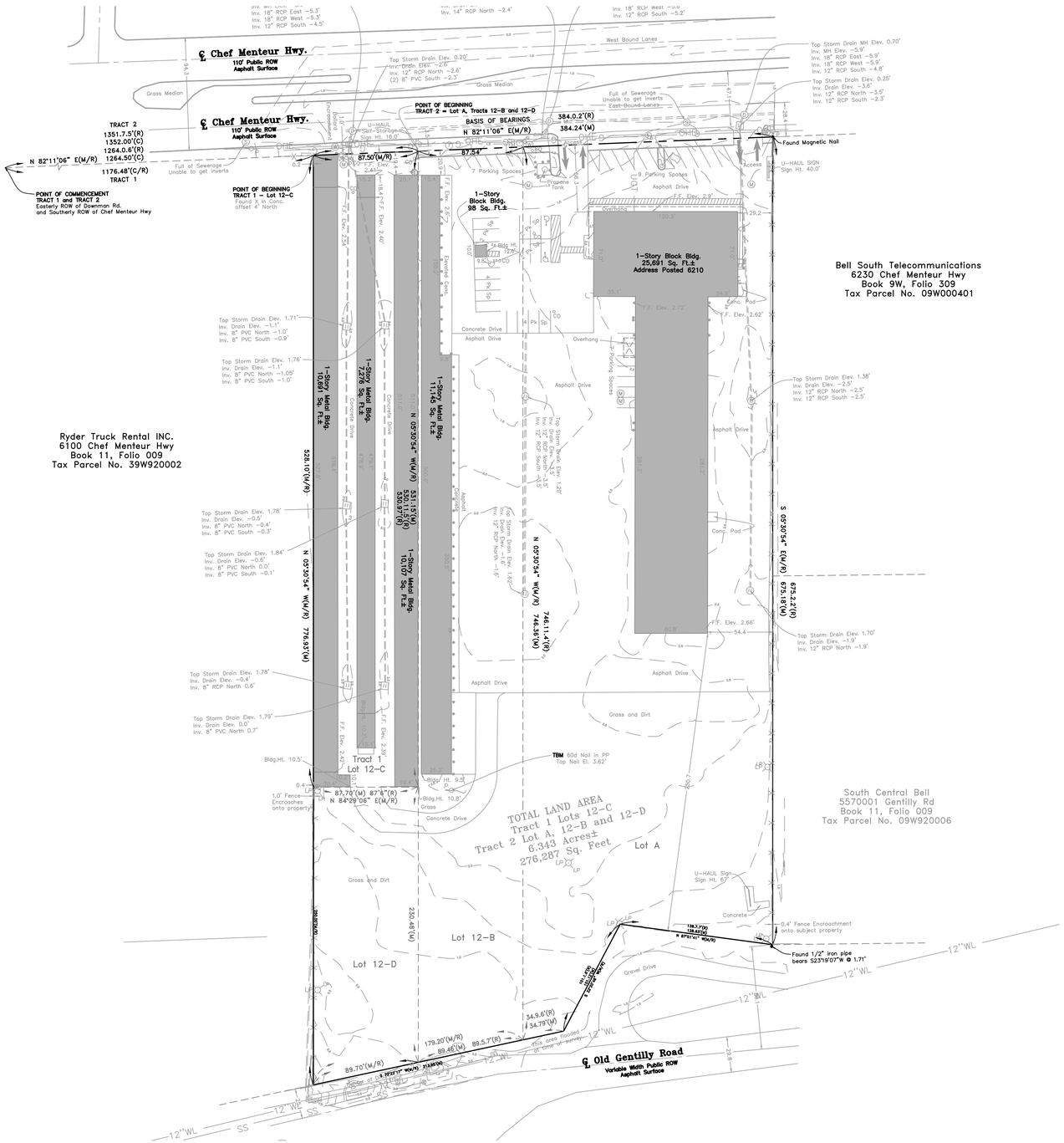
SHEET CONTENTS:
PROJECT NOTES AND LEGENDS

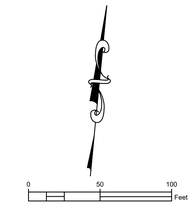
747074

DRAWN:	FEL	G101
CHECKED:	FEL	
DATE:	11/02/21	

0G101_PROJECT NOTES AND LEGEND

© 2021 AMERCO REAL ESTATE COMPANY





SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	11/02/21	FEL	ISSUED FOR PERMITTING
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. THOMPSON
11/02/21
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO.
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage
of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:

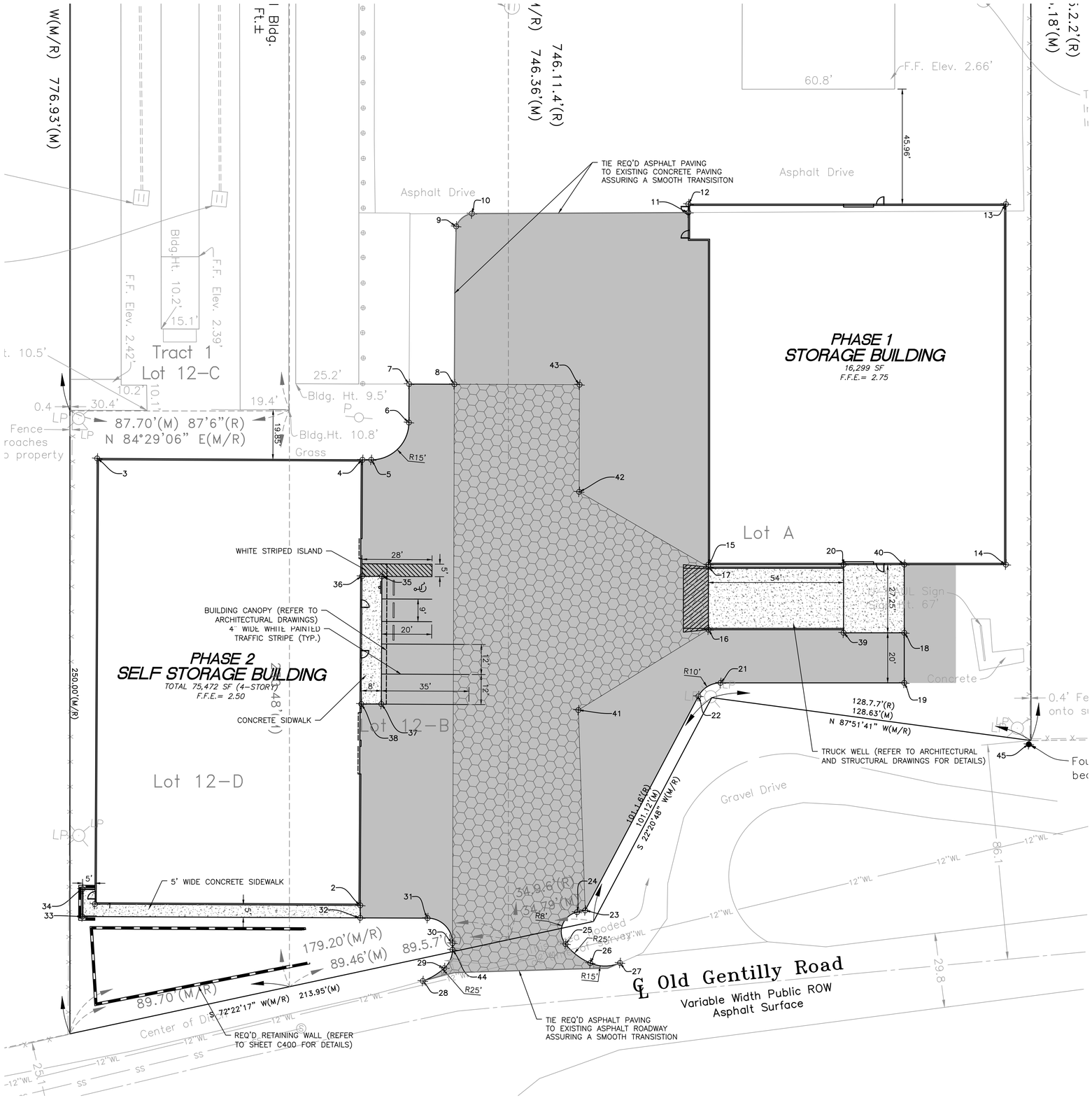
EXISTING CONDITIONS PLAN

747074

DRAWN:	FEL	C100
CHECKED:	FEL	
DATE:	11/02/21	

C100_EXISTING CONDITIONS PLAN

© 2021 AMERCO REAL ESTATE COMPANY



SITE PLAN NOTES:

1. ALL DIMENSIONS ARE TO FACE OF BUILDING, EDGE OF PAVEMENT, OR AS NOTED.
2. ALL BUILDING DIMENSIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCITON.
3. REFER TO SHEETS C700–C70X FOR CONSTRUCTION DETAILS.
4. REFER TO GEOMETRIC POINT TABLE (THIS SHEET) FOR HORIZONTAL CONTROL.
5. THE FOLLOWING GEOMETRIC POINT ABBREVIATIONS ARE USE:
   - 5.1. EOP – EDGE OF PAVEMENT
   - 5.2. BLDG CRNR – OUTSIDE FACE OF BUILDING CORNER
   - 5.3. SW – SIDEWALK
6. POINT NUMBER 45 SHALL BE THE SITE BENCHMARK AND IS LABELED AS A ½" IRON PIN FOUND.
7. POINT NUMBER 46 IS LOCATED AT THE NORTHEAST CORNER OF THE PROPERTY. POINT NUMBER 47 IS LOCATED AT THE NORTHWEST CORNER OF THE PROPERTY. BOTH POINTS ARE NOT SHOWN ON THIS SHEET.

Point Table

Point #	Elevation	Northing	Easting	Description
9	2.50	551154.94	3697634.31	EOP
1	2.50	550871.62	3697516.69	BLDG CRNR
2	2.50	550881.28	3697622.25	BLDG CRNR
3	1.45	551048.88	3697500.46	BLDG CRNR
4	2.50	551058.54	3697606.02	BLDG CRNR
5	2.48	551058.86	3697609.48	EOP
6	2.42	551075.16	3697623.05	EOP
7	2.50	551090.44	3697621.65	EOP
8	2.34	551092.10	3697639.67	EOP
10	2.50	551160.65	3697640.08	EOP
11	2.75	551169.36	3697726.14	EOP
12	2.75	551172.71	3697725.82	BLDG CRNR
13	2.40	551184.90	3697852.06	BLDG CRNR
14	1.40	551041.57	3697865.90	BLDG CRNR
15	2.75	551030.15	3697747.62	BLDG CRNR
16	2.75	551004.27	3697750.12	EOP
17	2.75	551029.15	3697747.72	EOP
18	2.51	551010.55	3697828.13	EOP
19	2.35	550990.64	3697830.05	EOP
20	2.75	551035.34	3697801.37	EOP
21	2.32	550983.59	3697756.98	EOP
22	2.15	550977.43	3697748.69	EOP
23	1.80	550887.91	3697711.89	EOP
24	1.75	550886.91	3697708.72	EOP
25	1.50	550873.77	3697705.36	EOP
26	1.24	550867.17	3697715.94	EOP
27	1.00	550868.37	3697727.75	EOP
28	0.50	550853.61	3697650.01	EOP
29	0.75	550859.59	3697658.09	EOP
30	1.12	550869.76	3697660.36	EOP
31	1.71	550878.79	3697649.48	EOP
32	2.45	550876.30	3697622.70	EOP
33	2.45	550866.18	3697512.17	EOC
34	2.45	550877.14	3697511.16	SW
35	2.45	551012.92	3697618.23	SW
36	2.50	551012.19	3697610.26	SW
37	2.45	550962.13	3697622.88	SW
38	2.50	550961.40	3697614.91	SW
39	2.75	551008.22	3697803.99	EOP
40	2.75	551037.67	3697825.51	EOP
41	2.00	550967.31	3697701.50	EOP
42	2.19	551054.11	3697693.42	EOP
43	1.94	551096.74	3697689.45	EOP
44	1.00	550867.19	3697660.60	EOP
45	1.71	550971.01	3697881.93	1/2" IPF
46	0.00	551644.64	3697817.72	MAG NAIL
47	0.00	551592.39	3697437.05	"X" IN CONC

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	11/02/21	FEL	ISSUED FOR PERMITTING
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK EDWARD MONCADA III
PROFESSIONAL ENGINEER
11/02/21
ENG.NSA

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY
CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

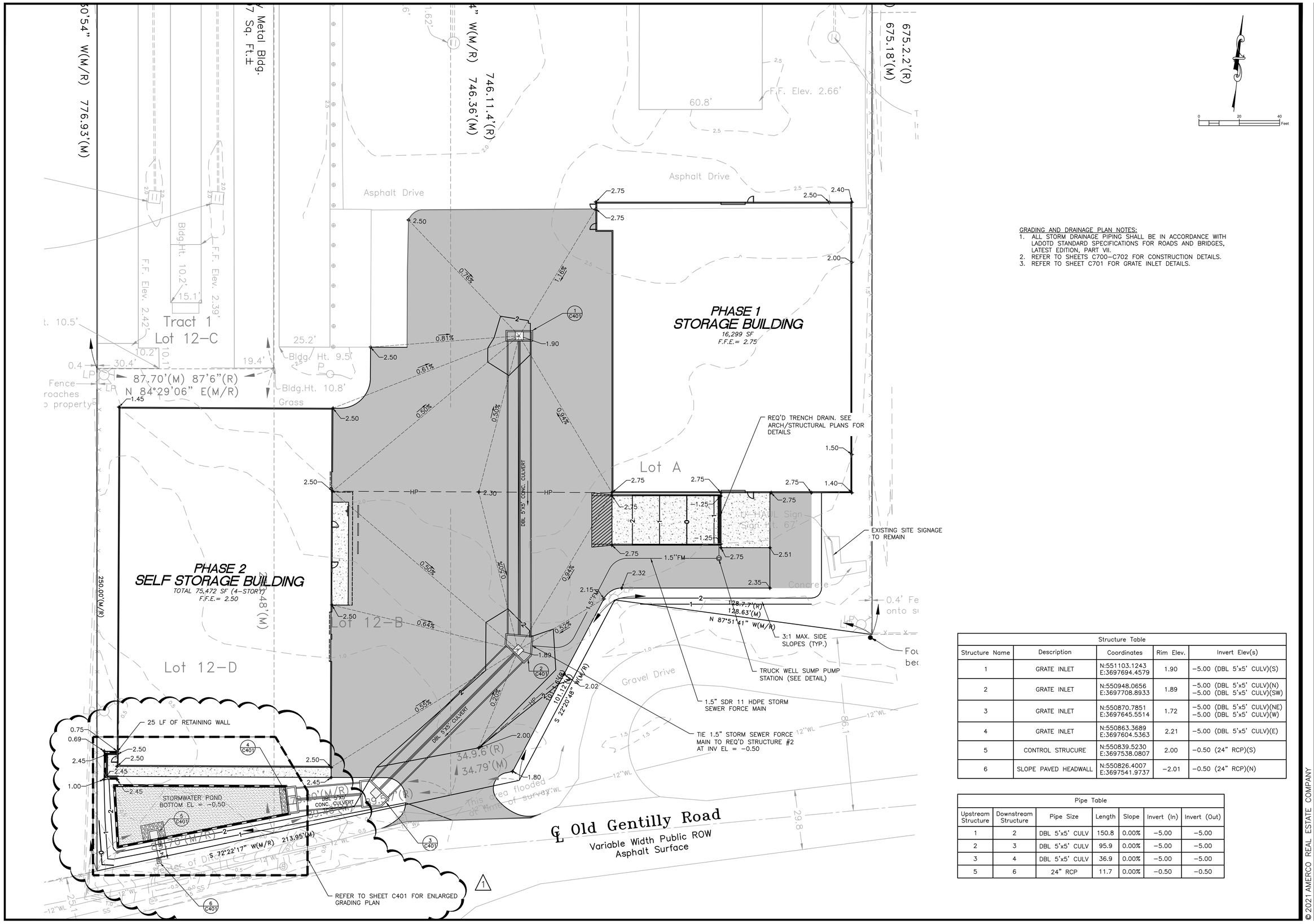
SHEET CONTENTS:
SITE PLAN

747074

DRAWN:	FEL	C200
CHECKED:	FEL	
DATE:	11/02/21	

C200_SITE PLAN

© 2021 AMERCO REAL ESTATE COMPANY



GRADING AND DRAINAGE PLAN NOTES:

1. ALL STORM DRAINAGE PIPING SHALL BE IN ACCORDANCE WITH LADOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION, PART VII.
2. REFER TO SHEETS C700–C702 FOR CONSTRUCTION DETAILS.
3. REFER TO SHEET C701 FOR GRATE INLET DETAILS.

Structure Table

Structure Name	Description	Coordinates	Rim Elev.	Invert Elev(s)
1	GRATE INLET	N:551103.1243 E:3697694.4579	1.90	–5.00 (DBL 5'x5' CULV)(S)
2	GRATE INLET	N:550948.0656 E:3697708.8933	1.89	–5.00 (DBL 5'x5' CULV)(N) –5.00 (DBL 5'x5' CULV)(SW)
3	GRATE INLET	N:550870.7851 E:3697645.5514	1.72	–5.00 (DBL 5'x5' CULV)(NE) –5.00 (DBL 5'x5' CULV)(W)
4	GRATE INLET	N:550863.3689 E:3697604.5363	2.21	–5.00 (DBL 5'x5' CULV)(E)
5	CONTROL STRUCURE	N:550839.5230 E:3697538.0807	2.00	–0.50 (24" RCP)(S)
6	SLOPE PAVED HEADWALL	N:550826.4007 E:3697541.9737	–2.01	–0.50 (24" RCP)(N)

Pipe Table

Upstream Structure	Downstream Structure	Pipe Size	Length	Slope	Invert (In)	Invert (Out)
1	2	DBL 5'x5' CULV	150.8	0.00%	–5.00	–5.00
2	3	DBL 5'x5' CULV	95.9	0.00%	–5.00	–5.00
3	4	DBL 5'x5' CULV	36.9	0.00%	–5.00	–5.00
5	6	24" RCP	11.7	0.00%	–0.50	–0.50

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	8/30/22	FEL	REVISED STORM DRAINAGE POND
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK EDWARD LAVIGNE III
8/30/22
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

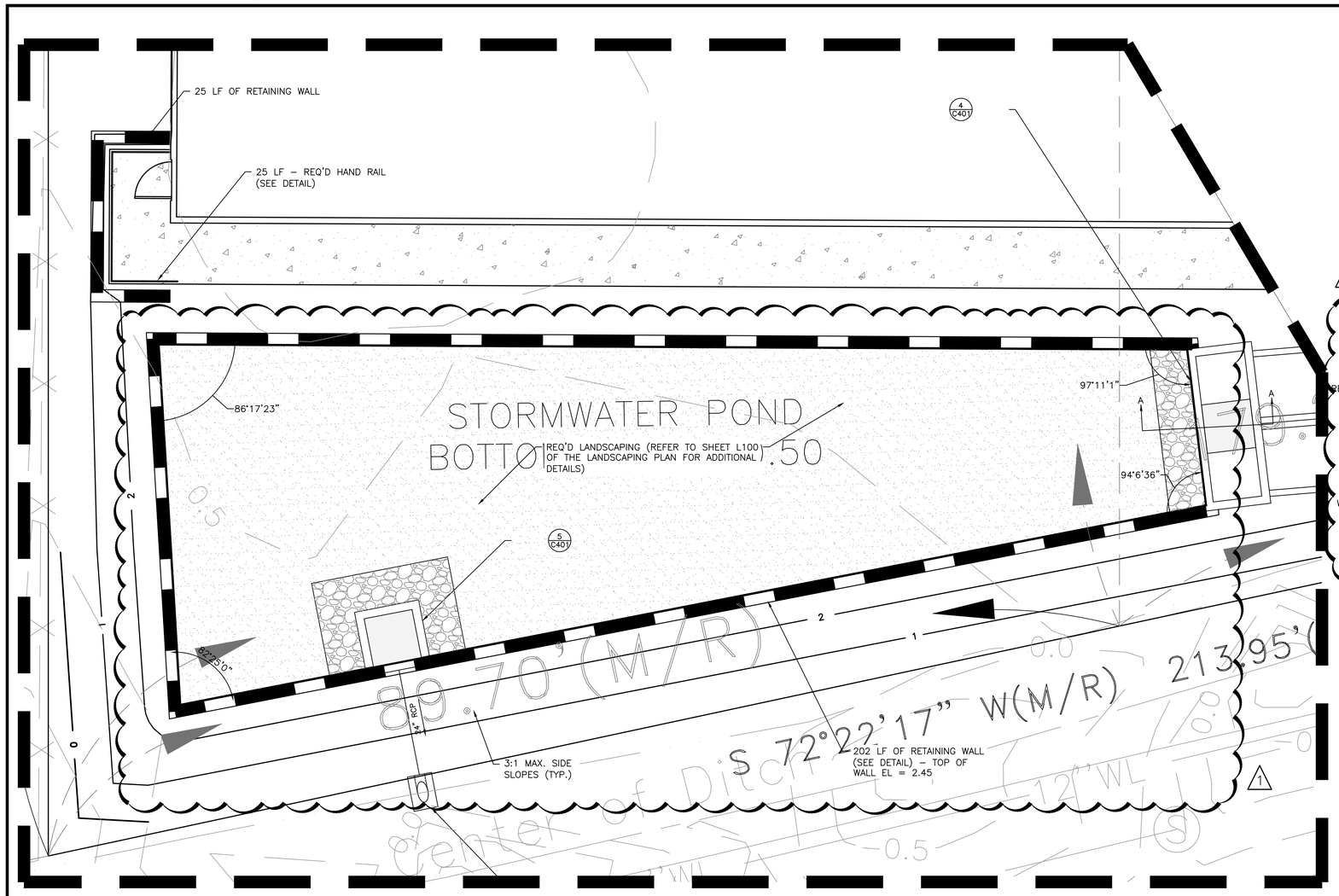
SHEET CONTENTS:
GRADING AND DRAINAGE PLAN

747074

DRAWN:	FEL	C400
CHECKED:	FEL	
DATE:	11/02/21	

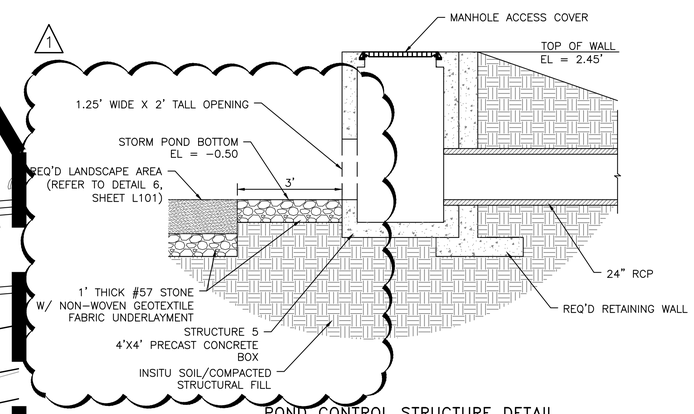
C400_GRADING AND DRAINAGE PLAN

© 2021 AMERCO REAL ESTATE COMPANY

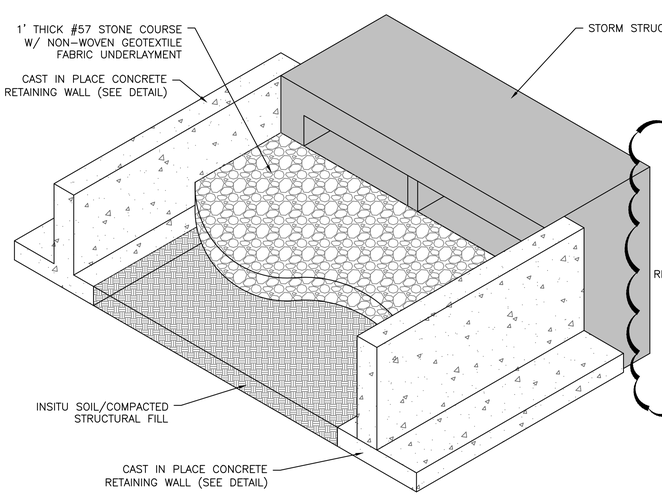


GRADING AND DRAINAGE PLAN NOTES:

1. ALL STORM DRAINAGE PIPING SHALL BE IN ACCORDANCE WITH LADOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION, PART VII.
2. REFER TO SHEETS C700–C70X FOR CONSTRUCTION DETAILS.
3. ALL SPOT ELEVATIONS SHALL REFER TO

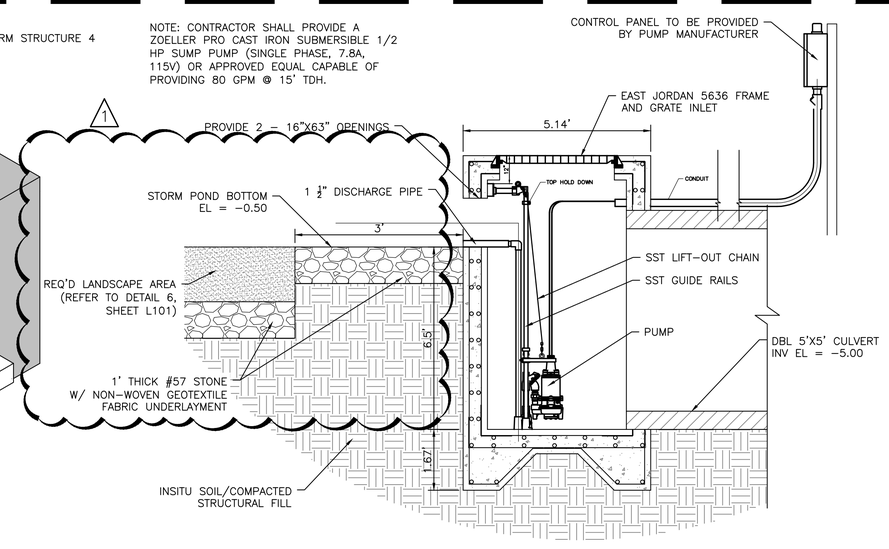


POND CONTROL STRUCTURE DETAIL
N.T.S.

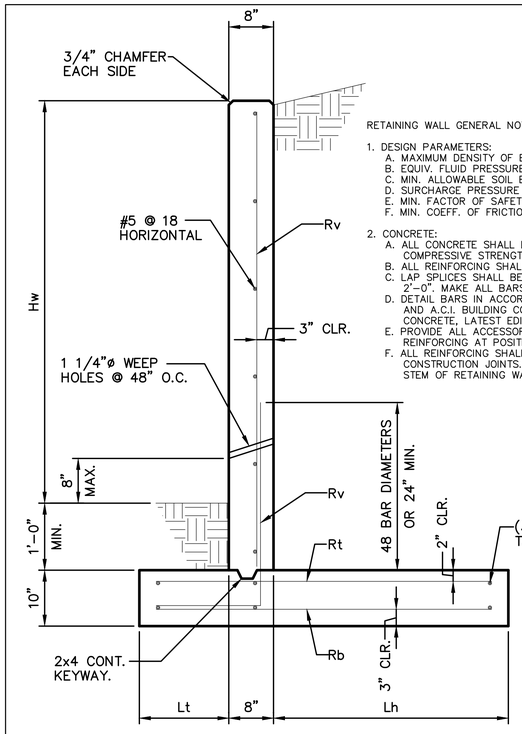


STRUCTURE #4 – ISOMETRIC VIEW
N.T.S.

NOTE: CONTRACTOR SHALL PROVIDE A ZOELLER PRO CAST IRON SUBMERSIBLE 1/2 HP SUMP PUMP (SINGLE PHASE, 7.8A, 115V) OR APPROVED EQUAL CAPABLE OF PROVIDING 80 GPM @ 15' TDH.



STRUCTURE #4 – SECTION A–A
N.T.S.



RETAINING WALL GENERAL NOTES

1. DESIGN PARAMETERS:
   A. MAXIMUM DENSITY OF BACKFILL MATERIAL = 120 pcf.
   B. EQUIV. FLUID PRESSURE OF BACKFILL MATERIAL = 40 pcf.
   C. MIN. ALLOWABLE SOIL BEARING PRESSURE = 2,000 psf.
   D. SURCHARGE PRESSURE = 100 psf.
   E. MIN. FACTOR OF SAFETY FOR OVERTURNING = 1.5.
   F. MIN. COEFF. OF FRICTION AT BASE = 0.5.
2. CONCRETE:
   A. ALL CONCRETE SHALL DEVELOP 3,000 psi MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS.
   B. ALL REINFORCING SHALL COMPLY WITH ASTM A615, GRADE 60.
   C. LAP SPLICES SHALL BE A MINIMUM OF 48 BAR DIAMETERS OR 2'–0". MAKE ALL BARS CONTINUOUS AROUND CORNERS.
   D. DETAIL BARS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL AND A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITIONS.
   E. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE DRAWINGS.
   F. ALL REINFORCING SHALL BE MADE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS. PROVIDE VERTICAL 2x4 KEYWAY IN STEM OF RETAINING WALL AT ALL CONSTRUCTION JOINTS.

TYPICAL RETAINING WALL SECTION
N.T.S.

Hw	Lt	Lh	Rv	Rt	Rb
3' MAX.	1'–0"	2'–0"	#5 @ 16	#5 @ 16	#5 @ 16
4' MAX.	1'–2"	2'–6"	#5 @ 16	#5 @ 16	#5 @ 16
5' MAX.	1'–4"	2'–9"	#5 @ 12	#5 @ 16	#5 @ 12
6' MAX.	1'–4"	3'–6"	#5 @ 10	#5 @ 8	#5 @ 10

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	8/30/22	FEL	REVISED STORM DRAINAGE POND
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. LEONARD, JR.
PROFESSIONAL ENGINEER
8/30/22
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263–6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

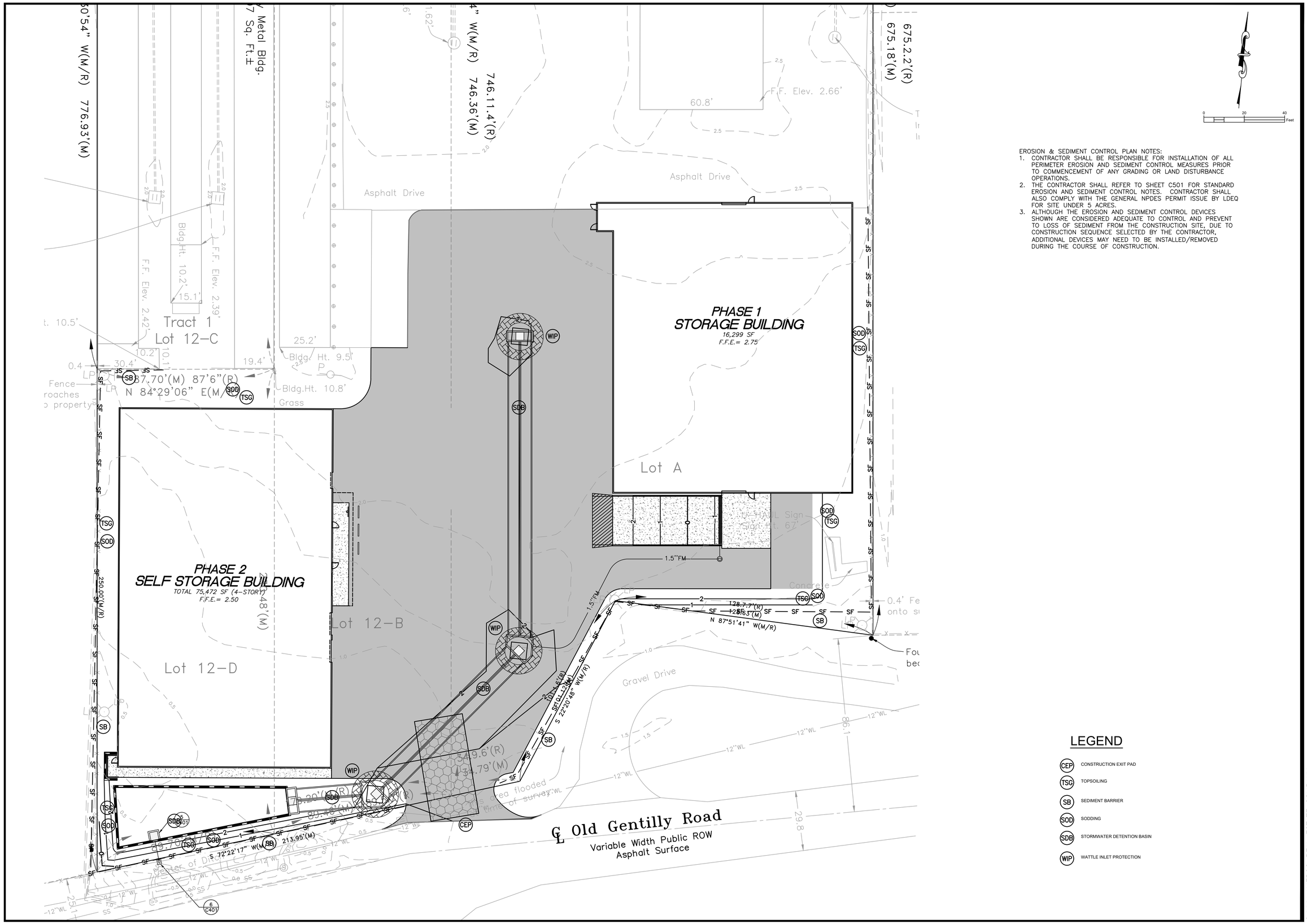
SHEET CONTENTS:
ENLARGE GRADING PLAN

747074

DRAWN:	FEL	C401
CHECKED:	FEL	
DATE:	11/02/21	

C400_GRADING AND DRAINAGE PLAN

© 2021 AMERCO REAL ESTATE COMPANY



EROSION & SEDIMENT CONTROL PLAN NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF ANY GRADING OR LAND DISTURBANCE OPERATIONS.
2. THE CONTRACTOR SHALL REFER TO SHEET C501 FOR STANDARD EROSION AND SEDIMENT CONTROL NOTES. CONTRACTOR SHALL ALSO COMPLY WITH THE GENERAL NPDES PERMIT ISSUE BY LDEQ FOR SITE UNDER 5 ACRES.
3. ALTHOUGH THE EROSION AND SEDIMENT CONTROL DEVICES SHOWN ARE CONSIDERED ADEQUATE TO CONTROL AND PREVENT TO LOSS OF SEDIMENT FROM THE CONSTRUCTION SITE, DUE TO CONSTRUCTION SEQUENCE SELECTED BY THE CONTRACTOR, ADDITIONAL DEVICES MAY NEED TO BE INSTALLED/REMOVED DURING THE COURSE OF CONSTRUCTION.

LEGEND

- CEP — CONSTRUCTION EXIT PAD
- TSG — TOPSOILING
- SB — SEDIMENT BARRIER
- SOD — SODDING
- SDB — STORMWATER DETENTION BASIN
- WIP — WATTLE INLET PROTECTION

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	11/02/21	FEL	ISSUED FOR PERMITTING
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. THOMPSON
11/02/21
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY
CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:
EROSION AND SEDIMENT CONTROL PLAN

747074

DRAWN:	FEL	C500
CHECKED:	FEL	
DATE:	11/02/21	

C500_ESC PLAN

© 2021 AMERCO REAL ESTATE COMPANY

CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN:

PRE-CONSTRUCTION PLANNING:

1. GENERAL

THE INTENT OF THIS PLAN IS TO PREVENT EROSION AND RESULTING SEDIMENT TRANSPORTATION TO OFF-SITE LOCATIONS. THE ITEMS INDICATED ARE THE DESIGN ENGINEER'S BEST ESTIMATE OF THE REQUIREMENTS, MORE OR LESS, THAT ARE NEEDED BASED ON THE CURRENT SITE CONDITIONS, ANTICIPATED WEATHER PATTERNS, ETC. THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY TO COMPLY WITH THIS INTENT AND THE LDEQ (NPDES) STORM WATER DISCHARGE PERMIT.

A. BEST MANAGEMENT PRACTICES PLAN WITH ALL SEDIMENT AND EROSION CONTROL PLANS ALONG WITH THE LDEQ (NPDES PERMIT) SHALL BE KEPT ON-SITE WITH THE DAILY RAIN FALL LOGS AND COPIES OF ALL INSPECTION REPORTS.

B. EXISTING TOPOGRAPHY AND PROPOSED TOPOGRAPHY ARE SHOWN ON THE DRAWINGS IN THE PLAN SET.

C. PERIMETER SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY LAND DISTURBANCE ACTIVITY TAKES PLACE.

D. OTHER FEDERAL, LOCAL OR STATE STATUTES OR REQUIREMENTS THAT MAY AFFECT THE PERMIT REQUIREMENTS FOR THIS SITE:
   1. U.S. CORPS OF ENGINEERS
   2. LOCAL SEDIMENT CONTROL ORDINANCES
   3. HAZARDOUS WASTER ISSUES
   4. PROTECTED SPECIES

E. MATERIAL NEEDS AFFECTING ENVIRONMENTAL ASPECTS OF THIS SITE:
   1. HAUL IN AND/OR HAUL OFF
   2. TOPSOIL SPOIL OR REMOVAL

F. PLANNED PHASES OF CONSTRUCTION
   1. STUMP REMOVAL
   2. STRIPPING AND STOCKPILING OF TOPSOIL
   3. GRADING OPERATIONS
   4. STORM DRAINAGE AND UTILITY INSTALLATION
   5. FINISH GRADING, CURBS, PAVEMENT AND LANDSCAPING

G. SPECIAL REQUIREMENTS FOR SENSITIVE ARES OF THE SITE:
   1. INTERCEPT OFFSITE DRAINAGE, FILTER THROUGH RIPRAP FILTER BERMS OR TEMPORARY SEDIMENT TRAPS, AND DISCHARGE THROUGH THE STORM SEWER SYSTEM.
   2. RIP RAP OUTLET PROTECTION AT DOWNSTREAM OUTFALL.

2. EXECUTION

A. PLANNED CONSTRUCTION PHASING AND REQUIRED EROSION AND SEDIMENT CONTROL MEASURES.

PHASE I – EXISTING VEGETATION/IMPROVEMENTS REMOVAL:

THIS PHASE OF CONSTRUCTION INVOLVES THE REMOVAL OF EXISTING VEGETATION/IMPROVEMENTS FROM THE SITE. THE FOLLOWING WILL APPLY DURING THIS SPECIFIC PHASE:

1. CONSTRUCTION OF A STONE CONSTRUCTION ENTRANCE. ENTRANCE SHALL BE SIZED TO HANDLE TWO WAY TRAFFIC. THE CONTRACTOR SHALL PROVIDE A METHOD FOR WASHING SOIL MATERIAL FROM VEHICLES PRIOR TO EXITING ONTO ADJACENT ROADWAYS IN ACCORDANCE WITH CITY OF MOBILE ORDINANCES. THE ENTRANCE SHALL CONTINUALLY BE MAINTAINED DURING CONSTRUCTION OPERATIONS AND MAY NEED REPLACEMENT SEVERAL TIMES DUE TO CLOGGING WITH SEDIMENT.
2. INSTALLATION OF TEMPORARY CULVERTS IN EXISTING DITCHES AND WATERWAYS AS NECESSARY TO GAIN ACCESS TO THE SITE.
3. INSTALLATION ALL PERIMETER SILT FENCING AND BRUSH BERMS AND DIRECTED BY THE PLAN SET DOWN GRADIENT FROM ANY GROUND DISTURBING ACTIVITIES.
4. ALL TREES AND DEBRIS WILL BE KEPT AWAY FROM DITCHES AND WATERWAYS SO RUN-OFF ACCUMULATIONS IN THE DITCHES AND WATERWAYS WILL NOT CARRY SITE DEBRIS DOWNSTREAM.
5. ALL DITCHES AND WATERWAYS SHALL BE PROTECTED TO THE EXTENT POSSIBLE. RIP RAP FILTER BERMS SHALL BE INSTALLED IN WATER WAYS LOCATED ON-SITE TO PROVIDE SEDIMENT TRAPS FOR SEDIMENT RESULTING FROM STUMP REMOVAL THAT IS DONE IN THE DITCHES THEMSELVES.
6. SWALES OR TEMPORARY DIVERSION BERMS SHALL BE CONSTRUCTED AS NECESSARY OR AS SHOWN ON THE PLANS TO DIVERT RUN-OFF AWAY FROM THE WORK AREA.
7. SEDIMENT BASINS SHALL BE INSTALLED AS SHOWN ON THE PLAN SET TO CATCH RUNOFF AND FILTER IT PRIOR TO DISCHARGE FROM THE SITE. RELOCATION AND/OR ADDITIONAL BASINS MAY BE REQUIRED DUE TO CONSTRUCTION METHODS SELECTED BY THE CONTRACTOR.

PHASE II – TOPSOIL STRIPPING AND STOCKPILING:

FOLLOWING THE COMPLETION OF THE TREE, VEGETATION AND STUMP REMOVAL, THE TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON THE SITE FOR FUTURE USE. THE FOLLOWING REQUIREMENTS WILL APPLY DURING THIS PHASE OF THE CONSTRUCTION:

1. ALL REQUIREMENT OF PHASE I NOTED ABOVE WILL ALSO APPLY TO PHASE II.
2. ADDITIONAL SILT FENCING AROUND THE STOCKPILE MAY BE NECESSARY TO PREVENT SILT WASH-OFF FROM THE STOCKPILE. CONTRACTOR SHALL PROVIDE TEMPORARY SEEDING AND MULCHING OF THE STOCKPILE WITHIN 13 DAYS OF COMPLETION OF TOPSOIL STRIPPING.

PHASE III – GRADING OPERATIONS:

THIS PHASE IS INITIATED WHEN THE EARTHWORK OPERATIONS ARE TO BEGIN ROUGH GRADING OPERATIONS WHICH INCLUDE THE MOVEMENT OF EARTH ON-SITE AND EXPORTATION OF MATERIAL OFF-SITE. THIS PHASE IS THE CRITICAL TIME WHEN MOST SEDIMENT OCCURS. THE INSTALLED SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CONSTANTLY INSPECTED AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS. THE FOLLOWING WILL APPLY TO THIS STAGE OF CONSTRUCTION:

1. ALL SEDIMENT CONTROL FACILITIES REQUIRED SHALL BE INSTALLED DURING PHASE I AND II SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL VEGETATION IS RE-ESTABLISHED TO AN ACCEPTABLE MANNER.
2. WHENEVER A SILT CONTROL FACILITY IS REMOVED BECAUSE OF CHANGING SITE CONDITIONS IT SHALL BE REPLACED WITH ANOTHER MEASURE THAT WILL BE PART OF THE PROGRAM OF SILT AND EROSION CONTROL.
3. CUT SLOPES SHALL BE PROTECTED BY CONSTRUCTING SWALES AT THE TOP OF CUT SLOPES TO INTERCEPT RUNOFF UPGRADE FROM RUNNING DOWN SLOPES UNCONTROLLED. SWALES WILL BE CONSTRUCTED AS NECESSARY WITH RIP RAP CHECK DAMS OR SILT FENCES CONSTRUCTED IN SWALES AS NECESSARY TO PREVENT EROSION AND SILTATION.
4. FILL SLOPES SHALL BE PROTECTED BY THE CONSTRUCTION OF BERMS AT THE TOP OF ALL FILL SLOPES TO PREVENT UNCONTROLLED RUNOFF DRAINING DOWN THE FACE OF SLOPES AND CAUSING EROSION AND SILTATION.
5. RUNOFF ACCUMULATING IN BERMS FROM UPGRADING RUNOFF SHALL BE DIRECTED ALONG THE BERM TO SLOPE DRAINS THAT WILL CARRY RUNOFF DOWN SLOPE. SLOPE DRAINS SHALL HAVE INLET SILT PROTECTION TO STOP SILT AT THE PIPE INLET.
6. SILT FENCES SHALL BE IN PLACE AT THE TOE OF ALL FILL SLOPES.
7. TERRACES, BERMS, SWALES SHALL BE CONSTRUCTED AT INTERMEDIATE LOCATIONS THROUGHOUT THE SITE AS NECESSARY TO CONTROL EROSION AND SEDIMENT TRANSPORT. THESE DIVERSION FACILITIES SHALL BE SUPPLEMENTED AS NECESSARY WITH SILT FENCES AND RIP RAP FILTER BERMS TO FILTER ACCUMULATED SEDIMENT FROM RUNOFF PRIOR TO DISCHARGE FROM THE SITE.
8. SEDIMENT BASINS SHALL BE INSTALLED AS NECESSARY.
9. SLOPES (CUT OR FILL) THAT ARE CONSTRUCTED IN THE FINAL CONFIGURATION SHALL BE COVERED WITH FOUR (4") INCHES OF TOPSOIL THEN SEEDED AND MULCHED AS SOON AS GRADING IS COMPLETED SO VEGETATION CAN PROTECT SLOPE.
10. PORTIONS OF THE SITE THAT ARE GRADED TO FINAL GRADE AND ARE NOT TO RECEIVE PAVEMENT OR BUILDINGS SHALL HAVE FOUR (4") INCHES OF TOPSOIL SPREAD OVER THE SURFACE AND GRASSED AND/OR SODDED AS SOON AS POSSIBLE IN THE CONSTRUCTION PROCESS. THIS PHASE OF CONSTRUCTION IS CRITICAL IN THE EROSION AND SEDIMENT CONTROL PROCESS.
11. STORM SEWERS NEED TO BE INSTALLED AS SOON AS POSSIBLE IN THE CONSTRUCTION PROCESS AND CONCURRENT WITH GRADING OPERATIONS TO ENSURE A SUCCESSFUL PROGRAM. RUNOFF SHALL BE DIRECTED TO THE STORM SEWER SYSTEM AS SOON AS POSSIBLE.

PHASE IV – STORM DRAINAGE AND UTILITY INSTALLATION PLAN:

THIS PHASE WILL BE COMPLETE IN CONCURRENCE WITH THE GRADING OPERATIONS. STORM SEWERS SHALL BE INSTALLED AND PRESSED INTO SERVICE AS EARLY IN THE GRADING OPERATION AS POSSIBLE. THE FOLLOWING WILL APPLY TO THIS PHASE OF CONSTRUCTION:

1. ALL ASPECTS OF THE PREVIOUS PHASES SHALL BE MAINTAINED AS APPLICABLE.
2. STORM SEWERS THAT ARE INSTALLED SHALL BE PUT INTO SERVICE IMMEDIATELY. THE INLETS/FLUMES OF ALL STORM SEWERS SHALL BE PROTECTED WITH SILT TRAPS THAT PREVENT SEDIMENT FROM ENTERING THE SYSTEM. THIS PROTECTION CAN BE SILT FENCES, WATTLES, PRE-MANUFACTURE DEVICES, GRAVEL BAGS, RIP RAP, ETC, AS APPLICABLE AND AS SHOWN ON THE PLANS.
3. RIP RAP AS SHOWN ON THE PLANS AND AS REQUIRED ON THE SITE WILL BE INSTALLED AT THE PIPE OUTLETS TO PREVENT EROSION DUE TO VELOCITIES OF WATER IN THE PIPES. THE RIP RAP SHALL BE EXTENDED DOWNSTREAM AS NEEDED TO PREVENT EROSION.
4. ADDITIONAL SILT FENCING SHALL BE INSTALLED AS NECESSARY TO PREVENT EROSION AND SILTATION RESULTING FROM STOCKPILED EXCAVATED MATERIAL FROM UTILITY INSTALLATION OPERATION.
5. RIP RAP OR WATTLE CHECK DAMS SHALL BE INSTALLED IN ALL NEWLY CONSTRUCTED DITCHES AND SWALES AS NECESSARY TO PREVENT EROSION AND SILTATION.

PHASE V – FINISH GRADING, CURB AND PAVEMENT INSTALLATION, AND LANDSCAPING:

THE FINAL STAGE OF THE SITE WORK OPERATIONS AT WHICH TIME ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES WILL BE PHASED OUT AND REMOVED. THE FOLLOWING REQUIREMENTS WILL APPLY DURING THIS PHASE OF THE CONSTRUCTION:

1. ALL FACILITIES FROM PHASE I THROUGH PHASE IV WILL BE MAINTAINED AS APPROPRIATE AND REMOVED WHEN NO LONGER NEEDED.
2. SILT TRAPS AROUND DRAINAGE INLETS/FLUMES WILL BE MAINTAINED OR MODIFIED AS NECESSARY AND REMOVED WHEN NO LONGER NEEDED.
3. ALL AREAS NOT RECEIVING PAVEMENT OR BUILDINGS SHALL RECEIVE FOUR (4") INCHES OF TOPSOIL, SEEDED AND MULCHED PER PLAN, OR HAVE LANDSCAPING, MULCHING AND OR SOD INSTALLED AS APPLICABLE.
4. CONTRACTOR MAY COVER SOME AREAS WITH TWO AND ONE-HALF INCHES THICK GRADED AGGREGATE FOR EROSION CONTROL IN LIEU OF GRASSING.
5. REFER TO THIS DRAWING (SEEDING NOTES) FOR ACTUAL REQUIREMENTS FROM THE INSTALLATION OF LIME, FERTILIZATION, SEED AND MULCH. GRASSING OPERATIONS SHALL BE PERFORMED THROUGHOUT CONSTRUCTION AT THOSE TIMES WHEN PORTIONS OF THE SITE ARE COMPLETED AND READY FOR PERMANENT GROUND COVER. THIS WILL REQUIRE MULTIPLE EFFORTS BY THE GRASSING SUBCONTRACTOR TO STABILIZE ALL IMPACTED AREAS OF THE SITE IN AN ORDERLY FASHION. NO AREA OF THE SITE THAT RECEIVES FINAL GRADE SHALL BE LEFT FOR MORE THAN 13 DAYS WITHOUT THE APPLICATION OF SEED AND MULCH.

INSPECTION AND MAINTENANCE INSTRUCTIONS:

A. ALL EROSION CONTROL AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED REGULARLY TO ENSURE THEY ARE EFFECTIVE IN THE EVENT OF RAINFALL. THEY SHALL BE INSPECTED ONCE EVERY WEEK (MINIMUM) AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT. ANY DAMAGED OR NON-FUNCTIONAL FACILITY SHALL BE REPAIRED IMMEDIATELY. THE FOLLOWING WILL APPLY TO MAINTAINING EROSION AN SEDIMENT CONTROL FACILITIES. INSPECTION AND REPORTING SHALL ALSO BE PERFORMED IN ACCORDANCE WITH THE LDEQ STORM WATER DISCHARGE PERMIT.

1. SEDIMENT BASINS SHALL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT BUILDUP REACHES THE CLEAN-OUT POINT INDICATED ON THE PLANS. SEDIMENT SHALL BE DISPOSED OF IN A SUITABLE AREA AND IN SUCH A MANNER THAT WILL NOT ERODE OR CAUSE SEDIMENTATION PROBLEMS. THE BASIN EMBANKMENT SHALL BE INSPECTED REGULARLY TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. EMERGENCY SPILLWAYS SHALL BE INSPECTED REGULARLY TO ENSURE THAT THEIR LININGS ARE WELL ESTABLISHED AND EROSION RESISTANT.
2. SEDIMENT TRAPS WILL BE INSPECTED REGULARLY FOR THE NEED OF SEDIMENT CLEAN-OUT. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENTS TRAPS WHEN THE TRAP HAS BECOME 1/3 FULL AND NEVER BE ALLOWED TO EXCEED 1/2 FULL WITHOUT SEDIMENT REMOVAL. THE TRAP SHALL BE RESTORED TO ITS ORIGINAL DIMENSIONS FOLLOWING CLEAN-OUT. THE SEDIMENT REMOVED SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER AS TO NOT ERODE OR CAUSE SEDIMENTATION PROBLEMS.
3. RIP RAP FILTER BERMS AND CHECK DAMS WILL BE CHECKED REGULARLY FOR SEDIMENT BUILDUP WHICH WILL PREVENT DRAINAGE. IF THE GRAVEL IS CLOGGED BY SEDIMENT, IT SHALL BE REMOVED, CLEANED AND REPLACED.
4. SILT FENCE BARRIERS WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES 1/3 THE WAY TO THE TOP OF THE BARRIER AND NEVER ALLOWED TO REACH 1/2 WAY TO THE TOP OF THE BARRIER.
5. SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RE-SEEDED AS NEEDED.
6. IF ANY FACILITY IS DAMAGED DURING MAINTENANCE, OR OTHERWISE, THE DAMAGED PORTION SHALL BE REMOVED AND REPLACED TO MEET THE ORIGINAL, DESIGNED CONDITION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
7. IF SILT HAS CLOGGED SEDIMENT CONTROL FACILITIES AND IT IS NO LONGER EFFECTIVE IN FILTERING SILT, THE STRUCTURE SHALL BE REMOVED AND REPLACED WITH A NEW STRUCTURE IN ACCORDANCE WITH THE PLANS.
8. CONSTRUCTION ENTRANCES SHALL HAVE ADDITIONAL STONE ADDED AS MUD AND SEDIMENT COVERS STONE. DURING MUDDY TIMES, TIRES SHALL BE WASHED PRIOR TO EXITING ONTO PUBLIC ROADS AND STREETS.
9. IN ORDER TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROLS, THE CONTRACTOR SHALL INSPECT THE OVERALL PERFORMANCE OF THE EROSION AND SEDIMENTATION CONTROL FACILITIES AND AREAS DOWNSTREAM. IF SILT IS APPARENT DOWNSTREAM FROM THESE STRUCTURES, SOME FAILURE HAS OCCURRED. IF SEDIMENT IS OBSERVED DOWNSTREAM, NOTIFY THE ENGINEER. THE ENGINEER WILL INSPECT THE CONDITION AND AFTER INSPECTION, WILL DIRECT THE REMOVAL OF ACCUMULATED SEDIMENT DOWNSTREAM AND ADD ADDITIONAL STRUCTURAL MEASURES AS NECESSARY. THE CONTRACTOR SHALL IMPLEMENT RECOMMENDED SOLUTIONS TO PROBLEM AREAS.

COMPLETION OF PROJECT:

A. PROJECT CLOSE OUT: THE FOLLOWING SHALL BE DONE AT THE END OF THE PROJECT:

1. INSPECT SITE TO BE ENSURED THAT GROUND COVER IS COMPLETE AN ADEQUATE. IN OTHER WORDS, ALL AREAS ARE EITHER PAVED OR HAVE GOOD GROUND COVER WITH NO EROSION APPARENT. GENERALLY GOOD GROUND COVERAGE OF VEGETATION IS DEFINED AS 80% VEGETATIVE COVER WITH NO AREAS OF EROSION APPARENT.
2. IF ABOVE INSPECTION IS MADE AND APPROVED, ALL TEMPORARY BMP MEASURES SHALL BE REMOVED ALONG WITH ANY ACCUMULATED SEDIMENT. THE AREAS DISTURBED BY REMOVAL OF BMPs SHALL BE FINE GRADED, SEEDED AND MULCHED.
3. IF INSPECTION IS MADE AND PROBLEMS EXIST, MAKE REPAIRS AND RE-INSPECT.

B. LDEQ NOTICE OF TERMINATION – THE OWNER SHALL SUBMIT AN NOTICE OF TERMINATION REQUEST AND CERTIFICATION FORM TO LDEQ IDENTIFYING THE AUTHORIZATION NUMBER AND TO ADVISE LDEQ THAT THE PROJECT IS COMPLETE AND STABLE.

MISCELLANEOUS ISSUES:

A. NO FUEL OR OIL WILL BE STORED ON SITE WITHOUT PROPER CONTAINMENT.
B. NO OIL OR GAS WILL BE DUMPED ONSITE.
C. LOCATION OF TRAILER AND PORT-A-JOHN WILL BE FIELD DETERMINED TO AVOID CONSTRUCTION ACTIVITIES. LOCATION WILL CHANGE DURING CONSTRUCTION AS APPROPRIATE.
D. DE-WATERING OPERATIONS MAY BE REQUIRED ON THIS PROJECT. IF REQUIRED, PUMPED GROUND WATER SHALL BE ROUTED THROUGH SILT CONTROL FACILITY TO FILTER WATER PRIOR TO DISCHARGE.
E. PROJECT SITE SHALL BE KEPT CLEAR OF ALL HUMAN AND CONSTRUCTION DEBRIS. THE CONTRACTOR SHALL HAVE TRASH COLLECTED WEEKLY AND PLACED IN DUMPSTER TO BE HAULED OFF THE SITE.
F. ALL WATER SUPPLY WILL BE PROVIDED FROM PUBLIC WATER UTILITY.
G. ALL HUMAN WASTE WILL BE DISPOSED OF BY A LICENSED VENDOR OR IN PUBLIC SANITARY SEWER SYSTEM.
H. ANY SPILLED OIL, GAS, ETC., RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE CONTAINED AND CLEANED IMMEDIATELY AND CONTAMINATED SOILS SHALL BE DISPOSED OF IN AN APPROVED MANNER AT A LICENSED LANDFILL.
I. DUST SUPPRESSION OPERATIONS WILL BE DONE BY MEANS OF A WATER TRUCK SPRAYING WATER ON THE SURFACE OF THE SITE.

SEEDING NOTES:

A. REFER TO THE LANDSCAPING PLAN FOR INFORMATION ON PERMANENT SEEDING, SOD, MULCH, TREES, SHRUBS, ETC.
B. FOR ALL TEMPORARY SEEDING, USE THE FOLLOWING SCHEDULE:

MARCH THROUGH AUGUST
BROWN TOP MILLET 50 LBS/ACRE
BERMUDA (HULLED)

SEPTEMBER THROUGH FEBRUARY
ANNUAL RYE GRASS 50 LBS/ACRE

C. PRIOR TO SEEDING/SODDING APPLICATION, TREAT THE SOIL AS FOLLOWS:
   1. 2 TONS OF AGRICULTURAL LIME PER ACRE.
   2. 1200 LBS. OF 10-10-10 FERTILIZER PER ACRE OR EQUAL.

D. THOROUGHLY INCORPORATE THE ABOVE AMENDMENT INTO THE FIRST 2 TO 3 INCHES OF SOIL. AFTER SEEDING, FIRM THE SEEDS INTO THE TOP ON-QUARTER INCHES OF SOIL. GRADE AREAS TO BE SEED/SODDED TO INSURE PROPER DRAINAGE WITH EVEN GRADES. MULCH IMMEDIATELY AFTER SEEDING WITH EITHER STRAW, HAY OR WOOD CELLULOSE FIBER. STRAW OR HAY SHALL BE APPLIED AT A RATE OF 100 POUNDS PER 1,000 SQUARE FEET. HAT OR STRAW SHALL BE STABILIZED WITH AN ADHESIVE. ALL SLOPES WHICH EXCEED 3:1 SHALL BE SOLID SODDED, HYDROSEEDED OR SHALL BE COVERED IN A ROLLED EROSION CONTROL BLANKER (NORTH AMERICAN GREEN S150 OR APPROVED EQUAL) AND SEEDED.
E. WATER AS PER LANDSCAPING PLAN TO ESTABLISH SEED OR SOD. ALL AREAS THAT DO NOT SHOW 80% COVERAGE SHALL BE RE-SEEDED UNTIL PERMANENT GRASS HAS BEEN ESTABLISHED WITH NO BARE AREAS OR WASH-OUTS.
F. AFTER GRASS HAS SHOWN GROWTH (APPROXIMATELY 40 DAYS) AND WHILE SOIL SURFACE IS MOIST, TOP DRESS WITH HIGH NITRATE FERTILIZER AT A RATE OF 50 LBS NITROGEN PER ACRE.
G. ALL SODDING SHALL BE INSTALLED IN ACCORDANCE TO LOUISIANA HANDBOOK FOR EROSION, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREA, 2009 EDITION.

ALL EROSION CONTROL DEVICES SHALL BE INSTALL BY THE CONTRACTOR IN ACCORDANCE WITH THE LOUISIANA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS:

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	11/02/21	FEL	ISSUED FOR PERMITTING
2	I	I	I
3	I	I	I
4	I	I	I
5	I	I	I
6	I	I	I
7	I	I	I
8	I	I	I

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. THOMPSON III
11/02/21
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

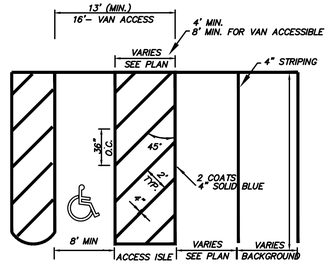
SHEET CONTENTS:
EROSION AND SEDIMENT CONTROL NOTES

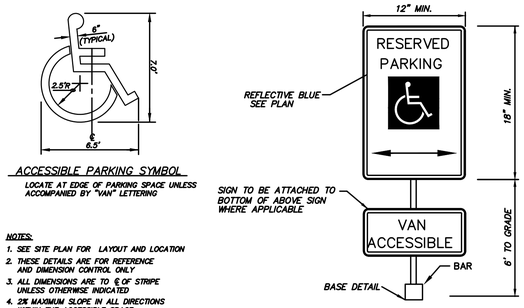
747074

DRAWN:	FEL	C501
CHECKED:	FEL	
DATE:	11/02/21	

C500_ESC PLAN

© 2021 AMERCO REAL ESTATE COMPANY





ACCESSIBLE PARKING SYMBOL

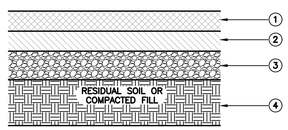
LOCATE AT EDGE OF PARKING SPACE UNLESS ACCOMPANIED BY "VAN" LETTERING

NOTES:
1. SEE SITE PLAN FOR LAYOUT AND LOCATION
2. THESE DETAILS ARE FOR REFERENCE AND DIMENSION CONTROL ONLY
3. ALL DIMENSIONS ARE TO ℄ OF STRIPE UNLESS OTHERWISE INDICATED
4. 2% MAXIMUM SLOPE IN ALL DIRECTIONS WITHIN THE ACCESSIBLE SPACE

SIGNING & STRIPING DETAIL

N.T.S.

S50

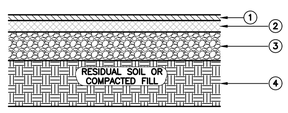


1. SUPERPAVE ASPHALTIC CONCRETE, 1/2" MAXIMUM AGGREGATE SIZE MIX, WEARING COURSE MIX 1, 2" COMPACTED THICKNESS PER LADOTD SECTION 502.
2. SUPERPAVE ASPHALTIC CONCRETE, 1" MAXIMUM AGGREGATE SIZE MIX, BINDER COURSE MIX 1, 2" COMPACTED THICKNESS PER LADOTD SECTION 502.
3. CLASS I CRUSHED AGGREGATE BASE COURSE, 6" COMPACTED THICKNESS, COMPACTED TO 95% MODIFIED AASHTO T-180 PER LADOTD SEC 1003.3, ITEM B.
4. SUBGRADE, COMPACT TO 95% STANDARD PROCTOR (ASTM D-698) AT ±3% O.M.C.

(REFER TO GEOTECHNICAL REPORT)

ASPHALT PAVING TYPICAL SECTION

S3B



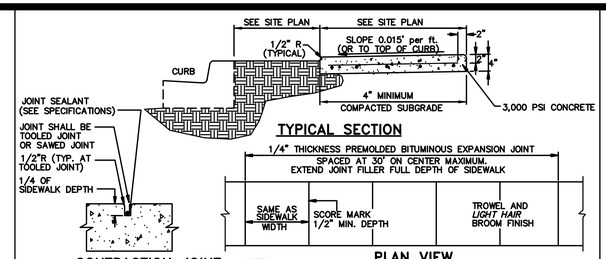
1. SUPERPAVE ASPHALTIC CONCRETE, 1/2" MAXIMUM AGGREGATE SIZE MIX, WEARING COURSE MIX 1, 2" COMPACTED THICKNESS PER LADOTD SECTION 502.
2. SUPERPAVE ASPHALTIC CONCRETE, 1" MAXIMUM AGGREGATE SIZE MIX, BINDER COURSE MIX 1, 3" COMPACTED THICKNESS PER LADOTD SECTION 502.
3. CLASS I CRUSHED AGGREGATE BASE COURSE, 6" COMPACTED THICKNESS, COMPACTED TO 95% MODIFIED AASHTO T-180 PER LADOTD SEC 1003.3, ITEM B.
4. SUBGRADE, COMPACT TO 95% STANDARD PROCTOR (ASTM D-698) AT ±3% O.M.C.

(REFER TO GEOTECHNICAL REPORT)

HEAVY DUTY ASPHALT PAVING TYPICAL SECTION

N.T.S.

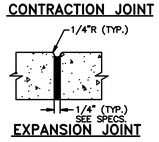
S3B



TYPICAL SECTION

CONTRACTION JOINT

PLAN VIEW



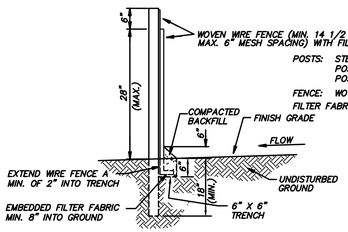
EXPANSION JOINT

NOTES:
1. ACCESSIBLE RAMPS, PER D.O.T. SPECIFICATIONS, TO BE PROVIDED AT ALL INTERSECTIONS, DRIVES, ETC.
2. WHERE REQUIRED REINFORCING WILL BE No. 3 BARS AT 24" ON CENTER EACH WAY, MAXIMUM SPACING, OR 6 X 6 – W1.4 X W1.4 WWF.
3. 4" AGGREGATE BASE COURSE COMPACTED TO 98% STANDARD PROCTOR TYPICAL IN AREAS WITH UNSUITABLE SUBGRADE.

CONCRETE SIDEWALK ALONG ROADWAY/DRIVE

N.T.S.

S3B



POSTS: STEEL EITHER T OR U TYPE (1.3 LB./FT MIN.)
POSTS SHALL HAVE MIN. LENGTH OF 48".
POSTS SHALL BE SPACED A MAXIMUM OF 10' O.C.

FENCE: WOVEN WIRE, 14-1/2 GA. 6" MAX. MESH OPENING

FILTER FABRIC:
1. MIRAFI 140NS
2. PHILLIPS 66 SUPAC 4NP
3. DUPONT TYPAR 3341
4. OR APPROVED EQUAL.

CROSS-SECTION

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY EIGHTEEN INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

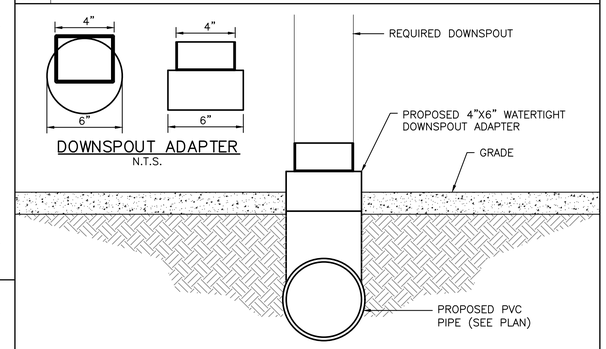
TYPE "A" SEDIMENT/SILT FENCE

N.T.S.

E20A

DOWNSPOUT ADAPTER

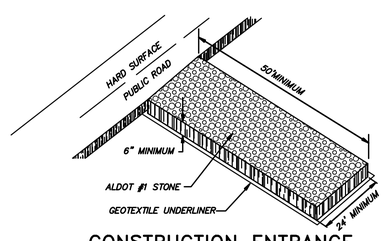
N.T.S.



DOWNSPOUT CONNECTION DETAIL

N.T.S.

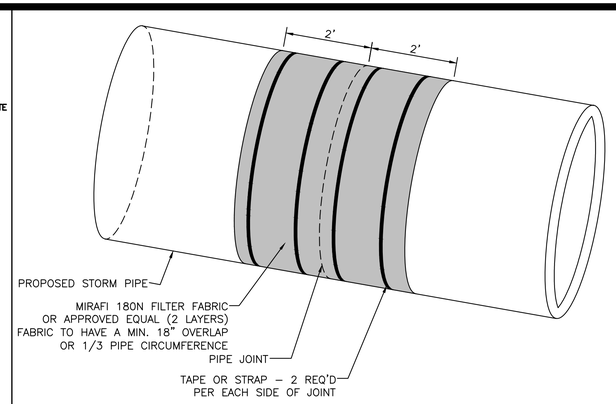
DS1



CONSTRUCTION ENTRANCE

N.T.S.

E4A

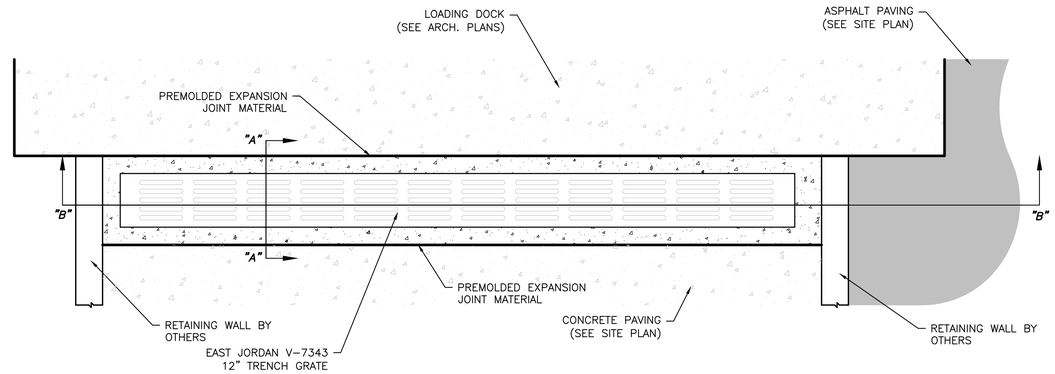


STORM PIPE JOINT WRAP DETAIL

N.T.S.

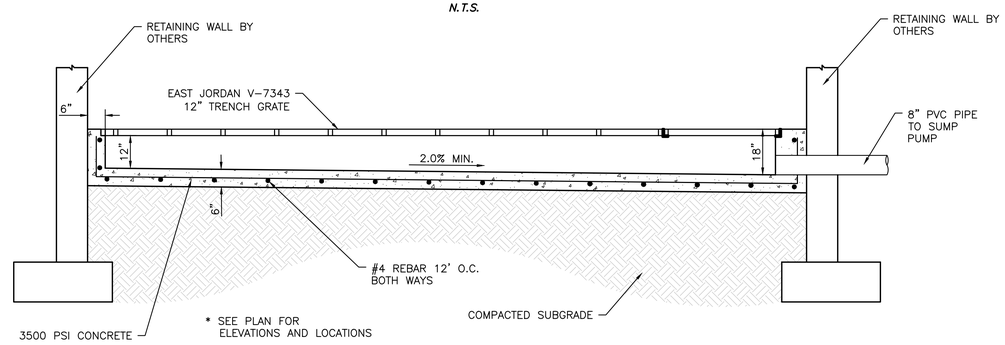
ESC1

UVB1



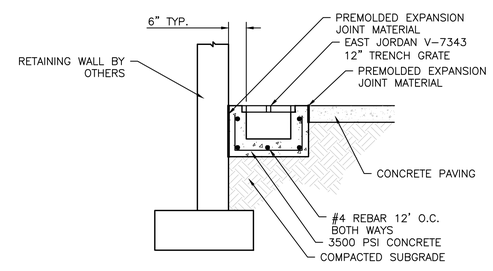
TRENCH DRAIN DETAIL

N.T.S.



TRENCH DRAIN SECTION " B–B"

N.T.S.



TRENCH DRAIN SECTION "A–A"

N.T.S.

TD1

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	03/17/22	FEL	REVISED CONSTRUCTION DETAILS
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage
of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

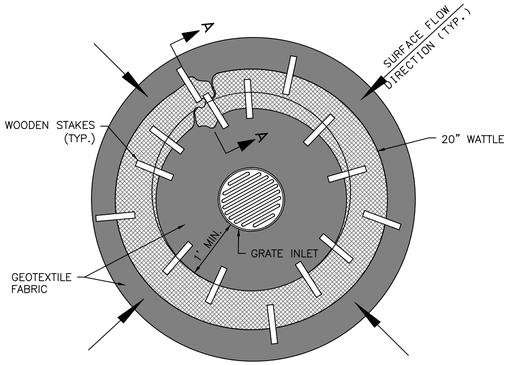
SHEET CONTENTS:
CONSTRUCTION
DETAILS

747074

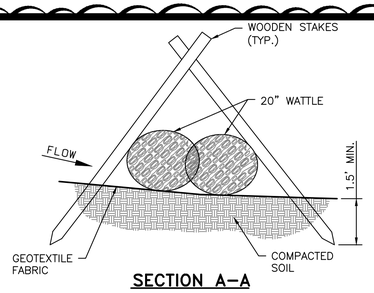
DRAWN:	FEL	C700
CHECKED:	FEL	
DATE:	11/02/21	

C700–702_CONSTRUCTION DETAILS

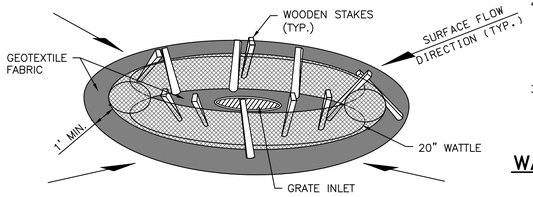
© 2021 AMERCO REAL ESTATE COMPANY



PLAN VIEW



SECTION A–A



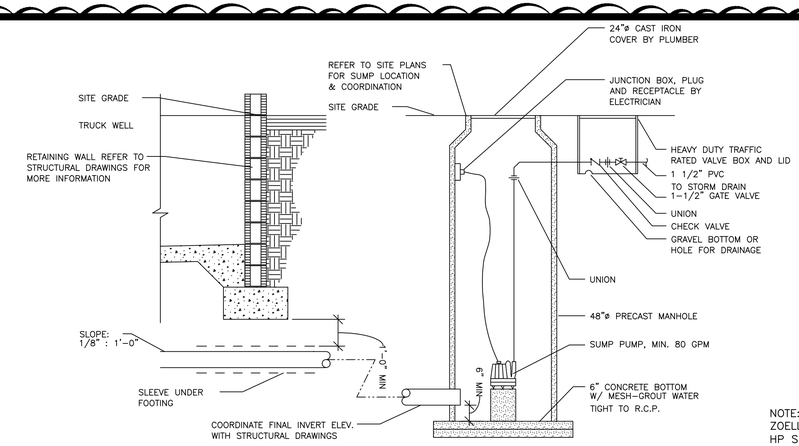
NOTES:

1. GEOTEXTILE FABRIC (8 OZ. NON-WOVEN) SHALL BE USED AS AN UNDERLAYMENT ON COMPACTED SOIL THAT EXTENDS FROM THE INLET TO A MINIMUM 1' BEYOND THE WATTLE. PIN GEOTEXTILE SECURELY AT THE INLET AND AROUND THE EDGE ON 5 INCH CENTERS.
2. USE A WATTLE THAT IS LESS POROUS TO ENSURE PONDING OCCURS. THE WATTLE SHALL BE PLACED IN A CIRCULAR SHAPE AT A MINIMUM OF 1' FROM THE INLET. THE WATTLE ENDS SHALL OVERLAP AT A MINIMUM OF 18" AND BE SECURED WITH GRADE STAKES OR HARDWOOD STAKES IN A T-PEE OR A-FRAME METHOD. THE STAKES SHALL BE AT A MINIMUM 2' ON CENTER.
3. TO PREVENT THE WATTLE FROM FLOATING THE CONTRACTOR SHALL SECURE THE WATTLE WITH SOD STAPLES ON EACH SIDE AT A MINIMUM OF 10" ON CENTER.

WATTLE INLET PROTECTION

N.T.S.

E4AA



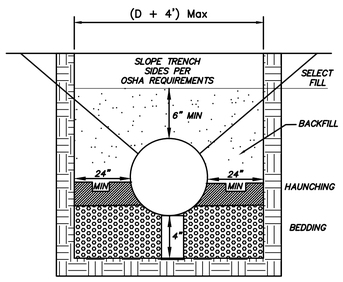
TRUCK WELL SUMP PUMP

N.T.S.

UFH1

NOTE: CONTRACTOR SHALL PROVIDE A ZOELLER PRO CAST IRON SUBMERSIBLE 1/2 HP SUMP PUMP (SINGLE PHASE, 7.8A, 115V) OR APPROVED EQUAL CAPABLE OF PROVIDING 80 GPM @ 15' TDH.

1



ELEVATION

STORM SEWER INSTALLATION DETAIL FOR RCP & PVC

1. THE PIPE BEDDING IS A RELATIVELY THIN LAYER OF LOOSLEY PLACED MATERIAL TO CUSHION THE PIPE INVERT AND ALLOW THE PIPE TO REST OR SEAT INTO IT, THUS SUPPORTING THE PIPE. WHEN, IN THE OPINION OF THE ENGINEER, THE NATURAL SOIL DOES NOT PROVIDE A SUITABLE BED, A BEDDING BLANKET WITH A MINIMUM THICKNESS OF 4" DEPTH SHALL BE PROVIDED.
2. HAUNCHING AND PIPE BACKFILL SHALL BE GRANULAR MATERIAL AS SPECIFIED BY AASHTO M-145 FOR A-1,A-2, OR A-3 (SILTY, CLAYEY MATERIALS, SANDY MATERIAL OR GRAVEL MATERIALS). PLACE MATERIAL IN 8 INCH LOOSE LIFTS AND COMPACT TO 90% STANDARD PROCTOR (AASHTO T99).
3. MINIMUM COVER IS MEASURED FROM OUTSIDE OF THE PIPE WALL TO THE BOTTOM OF ASPHALT LAYER OR THE TOP OF CONCRETE PAVEMENT. CHECK EACH SIZE FOR ACTUAL MINIMUM COVER FOR H2O LOADING.

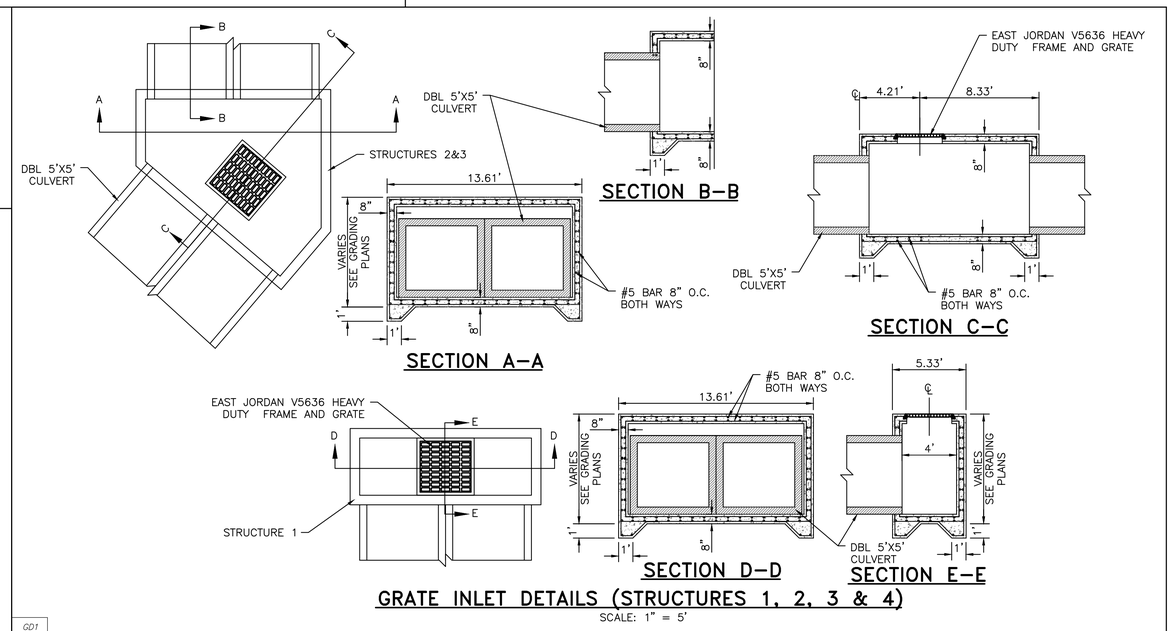
TABLE 2. CLASSIFICATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES

GENERAL CLASSIFICATION	GRANULAR MATERIALS (35 PERCENT OR LESS PASSING 0.075 MM)						
GROUP CLASSIFICATION	A1			A-2			
	A-1-a	A-1-b	A-3	A-2-4	A-2-5	A-2-6	A-2-7
SIEVE ANALYSIS, PERCENT PASSING:							
2.00 MM (NO. 10)	50 MAX	—	—	—	—	—	—
0.425 MM (NO.40)	30 MAX	50 MAX	51 MAX	—	—	—	—
0.075 MM (NO 20)	15 MAX	25 MAX	10 MAX	35 MAX	35 MAX	35 MAX	35 MAX
CHARACTERISTICS OF FRACTION PASSING 0.425 MM(NO. 40)							
LIQUID LIMIT			—	40 MAX	41 MAX	40 MAX	41 MAX
PLASTICITY INDEX	6 MAX		N.P.	10 MAX	10 MAX	11 MAX	11 MAX
USUAL TYPES OF SIGNIFICANT CONSTITUENT MATERIALS	STONE FRAGMENTS, GRAVEL AND SAND		FINE SAND	SILTY OR CLAYEY GRAVEL AND SAND			
GENERAL RATINGS AS SUBGRADE	EXCELLENT TO GOOD						

RCP & PVC INSTALLATION

N.T.S.

G7H



GRATE INLET DETAILS (STRUCTURES 1, 2, 3 & 4)

SCALE: 1" = 5'

GD1

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	03/17/22	FEL	REVISED CONSTRUCTION DETAILS
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

STATE OF LOUISIANA
FRANK E. THOMPSON
03/17/22
ENGINEER

ENGINEER LOGO:

thompson
ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO
REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:

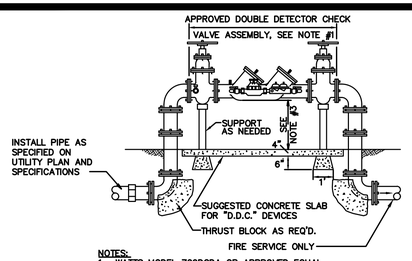
CONSTRUCTION DETAILS

747074

DRAWN:	FEL	C701
CHECKED:	FEL	
DATE:	11/02/21	

C700–702_CONSTRUCTION DETAILS

© 2021 AMERCO REAL ESTATE COMPANY



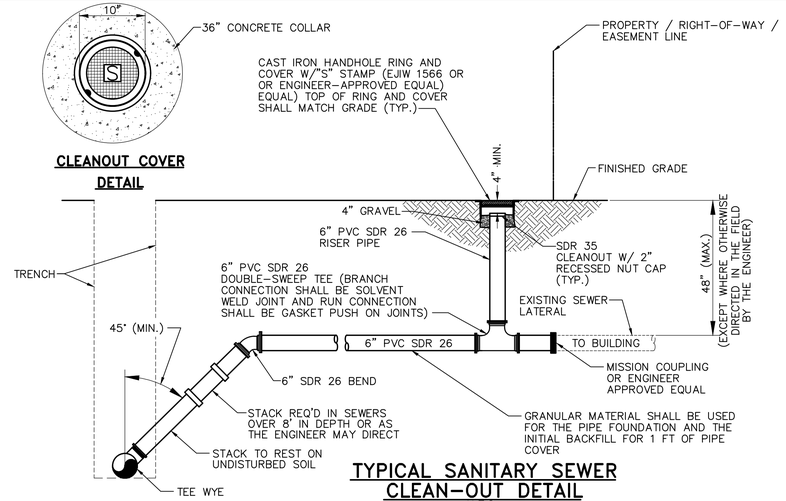
NOTES:
1. WATTS MODEL 709DCDA OR APPROVED EQUAL
2. THE LOCATION AND INSTALLATION OF THE APPROVED ASSEMBLY SHALL BE SUBJECT TO THE APPROVAL OF THE WATER UTILITY.
3. INSTALL UNIT A MINIMUM OF 12" ABOVE FINISH GRADE OF THE SURROUNDING GRADE.
4. WATTSBOX MODEL WB-E8 (HEATED-3000W) PROTECTIVE ENCLOSURE OR APPROVED EQUAL. CONTRACTOR SHALL PROVIDE A 130" X 52" CONCRETE PAD PER MANUFACTURER'S RECOMMENDATION.
5. ALL VALVES SHALL BE ELECTRICALLY MONITORED FOR INTEGRITY IN ACCORDANCE WITH 2009 IFC 903.4. REFER TO ELECTRICAL DETAILS.

ABOVE GROUND DOUBLE CHECK DETECTOR VALVE ASSEMBLY

N.T.S.

DDC1

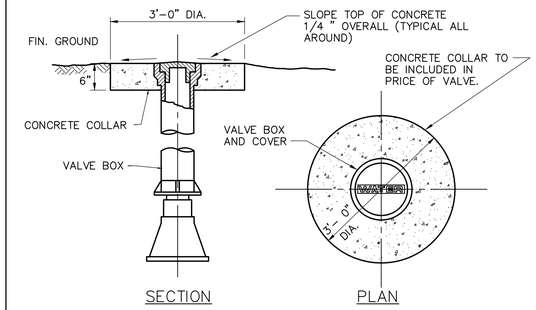
CLEANOUT COVER DETAIL



TYPICAL SANITARY SEWER CLEAN-OUT DETAIL

N.T.S.

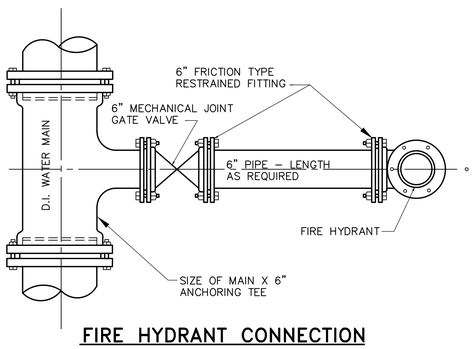
USS1



VALVE BOX COLLAR DETAIL

N.T.S.

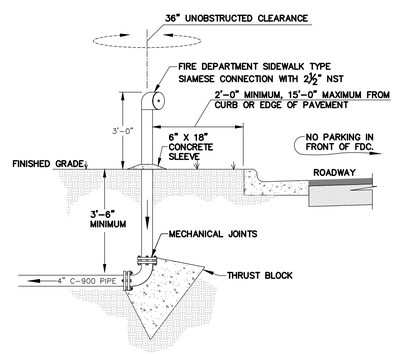
UVB1



FIRE HYDRANT CONNECTION TO WATER MAIN (TYPICAL)

N.T.S.

UFH1



NOTES:

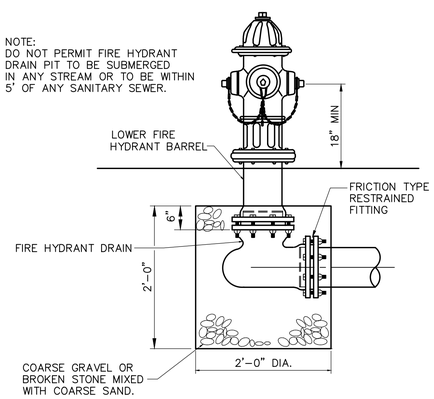
1) ALL SIAMESE CONNECTION'S MUST BE WITHIN 100 FEET OF A FIRE HYDRANT.

2) CONCRETE SLEEVE TO BE OMITTED IN PAVED AREAS.

FIRE DEPARTMENT CONNECTION

N.T.S.

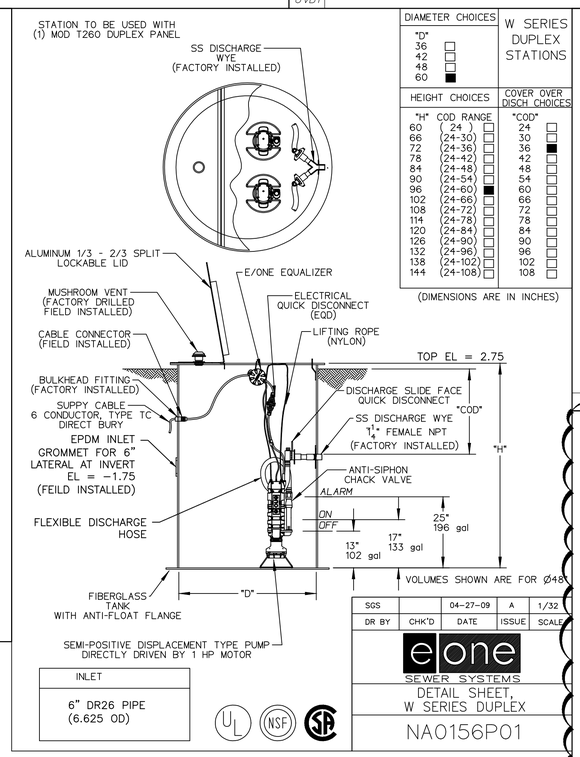
U1V



TYPICAL FIRE HYDRANT DRAIN PIT

N.T.S.

U10



DIAMETER CHOICES	
"D"	
36	☐
42	☐
48	☐
60	■

HEIGHT CHOICES		
"H"	COD RANGE	
60	(24)	☐
66	(24-30)	☐
72	(24-36)	☐
78	(24-42)	☐
84	(24-48)	☐
90	(24-54)	☐
96	(24-60)	■
102	(24-66)	☐
108	(24-72)	☐
114	(24-78)	☐
120	(24-84)	☐
126	(24-90)	☐
132	(24-96)	☐
138	(24-102)	☐
144	(24-108)	☐

W SERIES DUPLEX STATIONS

COVER OVER DISCH. CHOICES	
"COD"	
24	☐
30	■
36	☐
42	■
48	☐
54	☐
60	☐
66	☐
72	☐
78	☐
84	☐
90	☐
96	☐
102	☐
108	☐

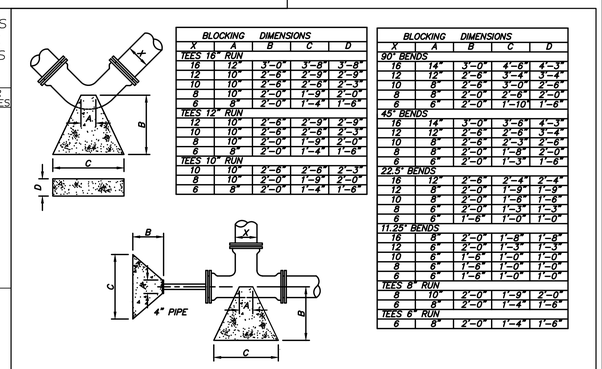
(DIMENSIONS ARE IN INCHES)

SGS		04-27-09	A	1/32
DR BY	CHK'D	DATE	ISSUE	SCALE

e|one SEWER SYSTEMS

DETAIL SHEET, W SERIES DUPLEX

NA0156P01

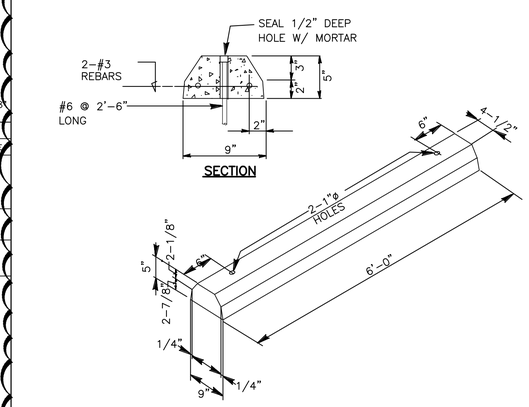


BLOCKING DIMENSIONS				
X	A	B	C	D
TEES 16" RUN				
16	12"	3'-0"	3'-8"	3'-8"
12	10"	2'-8"	2'-9"	2'-9"
10	10"	2'-6"	2'-6"	2'-3"
8	10"	2'-0"	1'-9"	2'-0"
6	8"	2'-0"	1'-4"	1'-8"
TEES 12" RUN				
12	10"	2'-8"	2'-9"	2'-9"
10	10"	2'-6"	2'-6"	2'-3"
8	10"	2'-0"	1'-9"	2'-0"
6	8"	2'-0"	1'-4"	1'-8"
TEES 10" RUN				
10	10"	2'-6"	2'-6"	2'-3"
8	10"	2'-0"	1'-9"	2'-0"
6	8"	2'-0"	1'-4"	1'-8"

BLOCKING DIMENSIONS			
X	A	B	C	D
90° BENDS				
16	14"	3'-0"	4'-6"	4'-3"
12	12"	2'-9"	3'-4"	3'-4"
10	8"	2'-6"	3'-0"	2'-6"
8	8"	2'-0"	2'-6"	2'-0"
6	6"	2'-0"	1'-10"	1'-8"
45° BENDS				
16	14"	3'-0"	3'-6"	4'-3"
12	12"	2'-8"	2'-8"	3'-4"
10	8"	2'-6"	2'-3"	2'-6"
8	8"	2'-0"	1'-8"	2'-0"
6	6"	2'-0"	1'-3"	1'-8"
22.5° BENDS				
16	12"	2'-6"	2'-4"	2'-4"
12	8"	2'-0"	1'-9"	1'-9"
10	8"	2'-0"	1'-6"	1'-6"
8	6"	2'-0"	1'-3"	1'-3"
6	6"	1'-8"	1'-0"	1'-0"
11.25° BENDS				
16	8"	2'-0"	1'-8"	1'-8"
12	6"	2'-0"	1'-3"	1'-3"
10	6"	1'-6"	1'-0"	1'-0"
8	6"	1'-6"	1'-0"	1'-0"
6	6"	1'-6"	1'-0"	1'-0"
TEES 8" RUN				
8	10"	2'-0"	1'-9"	2'-0"
6	8"	2'-0"	1'-4"	1'-8"
TEES 6" RUN				
6	8"	2'-0"	1'-4"	1'-8"

WATER MAIN BLOCKING

N.T.S.



PRECAST CONCRETE WHEEL STOP DETAIL

N.T.S.

SBC7

1

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	03/17/22	FEL	REVISED CONSTRUCTION DETAILS
2			
3			
4			
5			
6			
7			
8			

PROFESSIONAL SEAL:

ENGINEER LOGO:

thompson ENGINEERING
2970 COTTAGE HILL RD.
MOBILE, AL 36606
TEL:251-666-2443
FAX:251-666-6422
PROJECT #21-1101-0190

AMERCO REAL ESTATE COMPANY

CONSTRUCTION DEPARTMENT
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: (602) 263-6502

SITE ADDRESS:
U-Haul Moving & Storage of Gentilly
6210 Chef Menteur Hwy
New Orleans, LA 70126

SHEET CONTENTS:

CONSTRUCTION DETAILS

747074

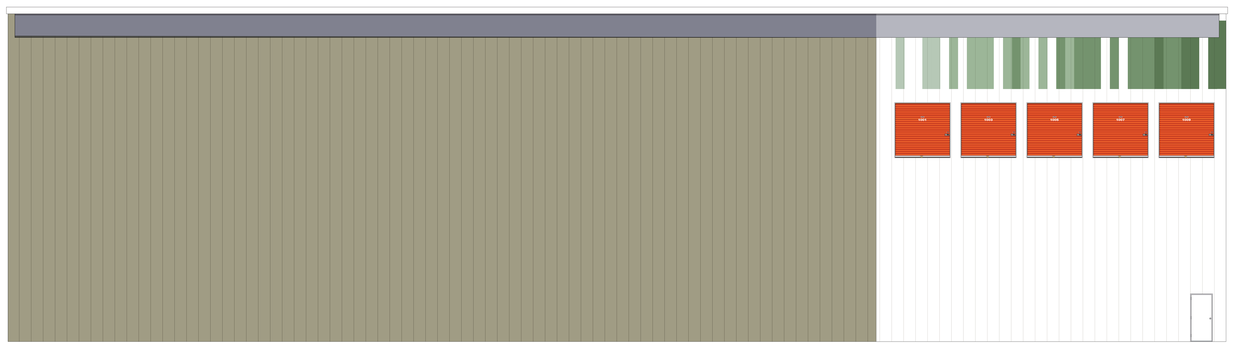
DRAWN:	FEL	C702
CHECKED:	FEL	
DATE:	11/02/21	

C700-702_CONSTRUCTION DETAILS

© 2021 AMERCO REAL ESTATE COMPANY

747-74
1″=24″

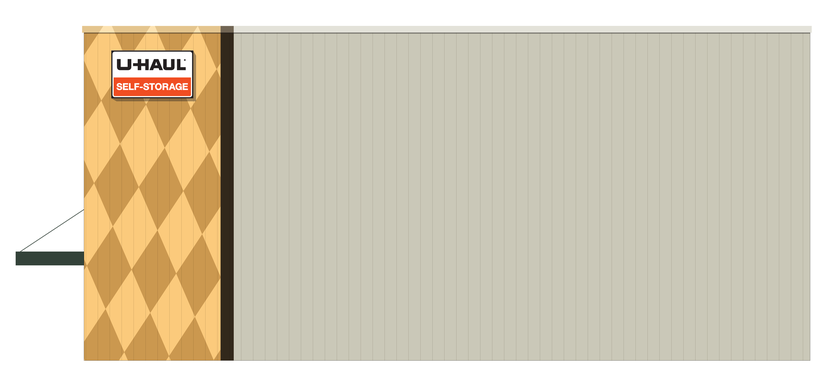
Yellow Stone	August Moon	Smokehouse	Nurture Green	Easy Green	Fleeting Green
ATAS Isoleren ML Regal White	ATAS Isoleren ML Sandstone	ATAS Woodland Series Walnut			



WEST ELEVATION

EAST ELEVATION

SOUTH ELEVATION



NORTH ELEVATION

CITY OF NEW ORLEANS
ONE STOP
PERMITS & LICENSES

Building/Construction Related Permit

Date _____ Received by_____
Tracking Number _____

DEVELOPMENT PLAN AND DESIGN REVIEW APPLICATION

Covid-19 Submittal Protocol: Please submit complete applications via email to CPCinfo@nola.gov. Applicants without the ability to submit via email should contact (504) 658-7100 to make alternative arrangements. Incomplete applications will not be accepted and will be returned to the applicant. Review time depends on the complexity of the project and can take up to 90 days.

Type of application: ✓ Design Review ○ Interim Zoning Districts Appeal ○ Moratorium Appeal

Property Location 6210 Chef Menteur Highway

APPLICANT INFORMATION

Applicant Identity: ○ Property Owner ● Agent

Applicant Name Brett Hogan, U-Haul Corporation

Applicant Address 2727 N Central Ave, 5N

City Phoenix State AZ Zip 85004

Applicant Contact Number 405.820.9416 Email brett_hogan@uhaul.com

PROPERTY OWNER INFORMATION

SAME AS ABOVE ☐

Property Owner Name Matt Braccia, President Amerco Real Estate

Property Owner Address 207 E. Clarendon

City Phoenix State AZ Zip 85012-2072

Property Owner Contact Number 1-800-528-0361 Email Matt_Braccia@uhaul.com

PROJECT DESCRIPTION

Construction of two new buildings at the rear of the lot with access to Old Gentilly Road. One self-storage building (Phase 1) 16,850 s.f. and one multi-story self-storage building (Phase 2) 74,340 s.f.

REASON FOR REVIEW (REQUIRED FOR DESIGN REVIEW)

Design Overlay District Review
- ☐ Character Preservation Corridor
- ☐ Riverfront Design Overlay
- ☐ Enhancement Corridor
- ✓ Corridor Transformation
- ☐ Greenway Corridor
- ☐ Others as required

Non-Design Overlay District Review
- ✓ Development over 40,000 sf
- ☐ Public Market
- ☐ Parking Lots with over 10 spaces or loading zones
- ☐ Wireless Antenna/Tower
- ☐ Educational Facility
- ☐ Mural Reviews
- ☐ Electric Utility Substations and Transmission Lines
- ☐ CBD FAR Bonus
- ☐ Changes to Approved Plans
- ☐ DAC Review of Public Projects
- ☐ Others as required

ADDITIONAL INFORMATION

Current Use vacant Proposed Use Warehouse

Square Number GRLS Lot Number 12-B Permeable Open Space (sf) 10,455

New Development?	Yes ●	No ○	Addition?	Yes ○	No ●	Tenant Width	
Existing Structure(s)?	Yes ●	No ○	Renovations?	Yes ○	No ●	Building Width	224'11"
Change in Use?	Yes ○	No ●	Existing Signs?	Yes ●	No ○	Lot Width (sf)	384"
New Sign(s)?	Yes ○	No ●	Lot Area (sf)	233,310		BuildingArea (sf)	91,190 new

CITY OF NEW ORLEANS
ONE STOP
PERMITS & LICENSES

Building/Construction
Related Permit

Date _____	**Received by**_____
Tracking Number _____	

DEVELOPMENT PLAN AND DESIGN REVIEW APPLICATION

REQUIRED ATTACHMENTS (One digital copy)

1. SITE PLAN

- ✓ North arrow, scale, and date of plan
- ✓ Location, dimensions, and area of permeable open space
- ✓ Name, address of the professional who prepared the plan
- ✓ Legend of symbols, patterns, and abbreviations used
- ✓ The entire lot(s), including area and property lines dimensioned (including gross area of the site)
- ✓ Curb cuts, interior streets, driveways, and parking and loading areas with dimensions and total area (sf)
- ✓ Location and dimensions of buildings and structures, including total floor area and distance from property lines
- ○ Location of refuse storage locations
- ✓ Proposed right-of-way improvements including sidewalks and plantings, and pedestrian walkways
- ✓ Fence location, height, and materials

2. FLOOR PLAN

- ✓ Indicating the dimensions and square footage of proposed development
- ✓ Room use
- ✓ Location of all walls, doors, and windows
- ✓ Location of all plumbing fixtures
- ✓ Location of major appliances/mechanical equipment
- ✓ Stairway location
- ✓ Firewall location (if applicable)

3. ARCHITECTURAL ELEVATIONS

- ✓ Architectural elevations of easch side of the proposed structure drawn to scale indicating height, architectural elements, materials, colors, and textures proposed for any structures.

4. LIGHTING PLAN

- ✓ Location of all exterior lighting, including those mounted on poles and walls
- ✓ Types, style, height, and the number of fixtures
- ✓ Manufacturer's illustrations and specifications of fixtures

5. SIGNAGE PLAN

- ○ Proposed Signage with overall height, width, and materials
- ○ Building Elevation (including building width and height)
- ○ Site plan showing the location of all proposed detached sign(s) along with setback dimensions.

6. LANDSCAPE PLAN

- ✓ Name and address of professional who prepared the plan. Landscape plans shall be prepared by a registered landscape architect licensed by the Louisiana Horticulture Commission
- ✓ All landscape plans shall meet the minimum requirements of site plans
- ✓ Legend defining all symbols, patterns, and abbreviations used
- ✓ Location, quantity, size, name, and condition (both botanical and common) of all existing and proposed plant materials and trees.
- ✓ Description of all tree preservation measures on-site and in the public right-of-way
- ✓ Width, depth, and area of landscaped area(s)
- ✓ Proposed right-of-way improvements and pedestrian walkways

Planting proposed in the right-of-way must have Parks and Parkways approval

7. PHOTOS

- ✓ Photographs of the subject site and/or building

8. NARRATIVE

- ✓ Narrative addressing compliance with applicable Comprehensive Zoning Ordinance requirements and design goals

9. COLOR ELEVATIONS/RENDERING (DAC ONLY)

- ✓ Color elevations and/or renderings are required for projects that trigger review by the Design Advisory Committee

FEES

Compliant Plan	$225
CBD Demolitions	$500
Moratorium Appeals	$1,000