

# CITY OF SOUTH DAYTONA

## US-1 UNDERGROUNDING PH 2

### S RIDGEWOOD AVE

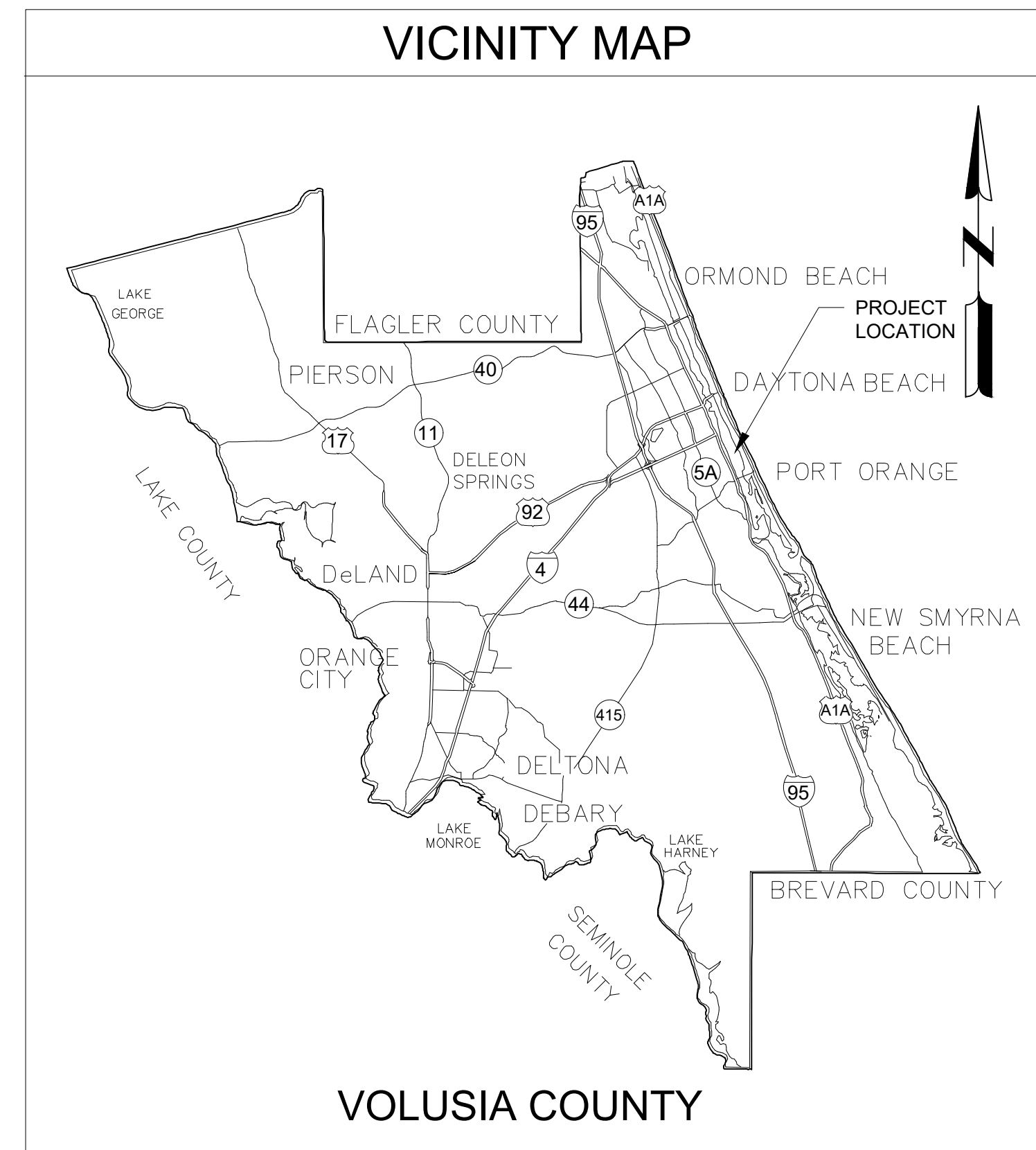
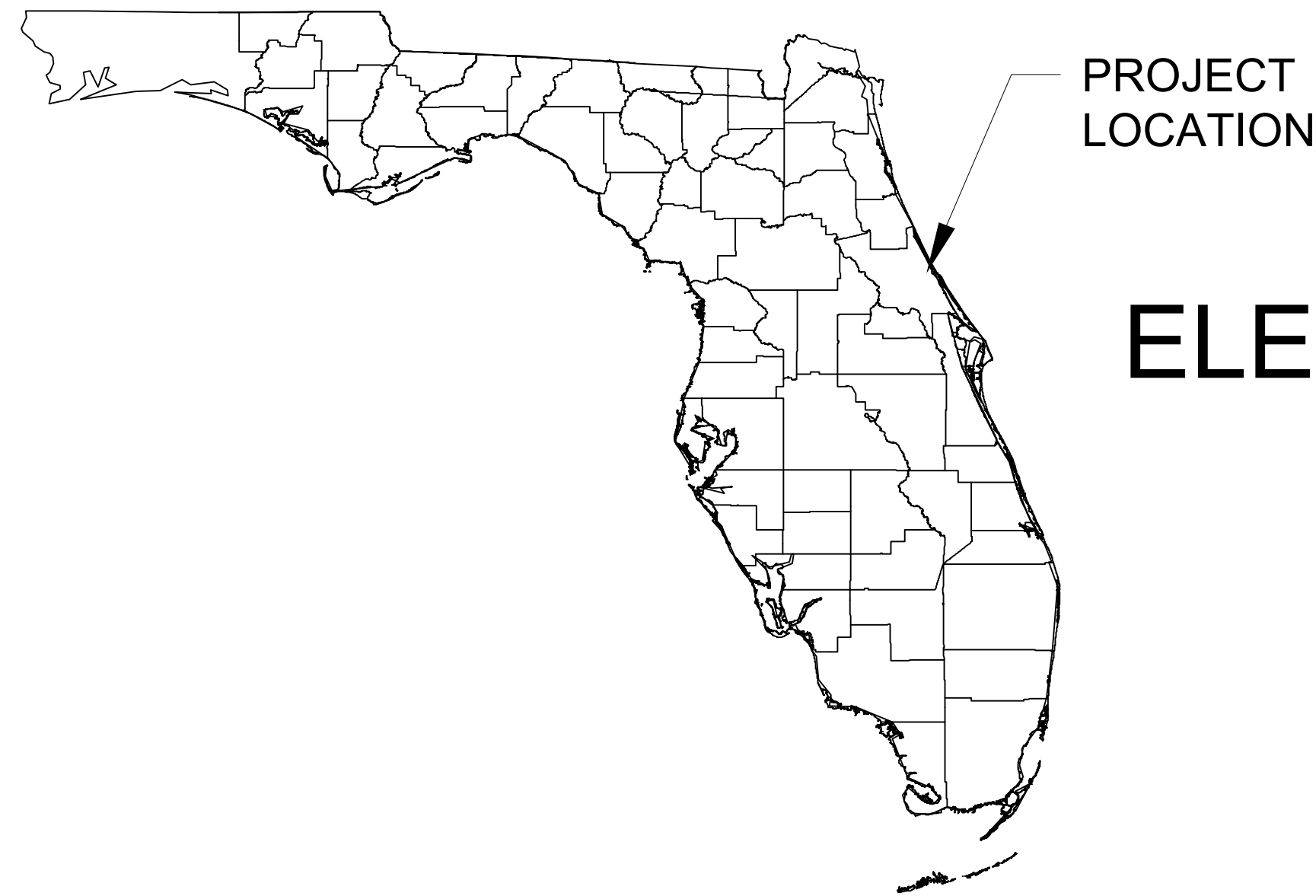
### SOUTH DAYTONA, FL 32119

MARCH 2025

BID SET

ELECTRICAL SERVICE CONVERSIONS

BID NO. 25-ITB-009



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**PROJECT TEAM:**

<b>OWNER:</b>	<b>ELECTRICAL ENGINEER:</b>
CITY OF SOUTH DAYTONA	MEAD & HUNT, INC.
CONTACT: JOSH MCENANY	JOHN HUDOCK
TITLE: ECONOMIC DEVELOPMENT DIRECTOR	SENIOR ELECTRICAL ENGINEER
ADDRESS: 1672 S RIDGEWOOD AVE	4401 EASTPORT PARKWAY
SOUTH DAYTONA, FL 32119	PORT ORANGE, FL 32127
PHONE: (386)-322-3025	PHONE: (414)-935-4249



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Port Orange, FL 32127  
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CITY OF SOUTH DAYTONA  
US-1 UNDERGROUNDING  
PH 2  
S RIDGEWOOD AVE  
SOUTH DAYTONA, FL 32119

ISSUED  
3/5/2025 BID SET

**NOT FOR CONSTRUCTION**

M&H NO: 1000717-222018.01  
DATE: MARCH 2025  
DESIGNED BY: RJG  
DRAWN BY: RJG  
CHECKED BY: DAK  
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SHEET CONTENTS  
COVER SHEET  
(ELECTRICAL)

SHEET NO.

G-001



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### ABBREVIATIONS

3R	NEMA 3R RATING
4X	NEMA 4X RATING
A	AMPERES
A/E	ARCHITECT / ENGINEER
AAC	ABOVE ACCESSIBLE CEILING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALT	ALTERNATE
ATS	AUTOMATIC TRANSFER SWITCH
BLDS	BUILDING
BRKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CBV	CABLING BY VENDOR
CKT	CIRCUIT
CP	CIRCULATION PUMP OR CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CU	COPPER
D	DEMOLISH
DISC	DISCONNECT
DPST	DOUBLE POLE SINGLE THROW
DWG	DRAWING
E	EXISTING
E/O	ELECTRICAL-TO-OPTICAL CONVERTER
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ERL	EXISTING TO BE RELOCATED
ERLD	EXISTING - RELOCATED LOCATION
ETR	EXISTING TO REMAIN
F	FUSED
FVNR	FULL VOLTAGE NON REVERSING
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
HD	HAND DRYER
HOA	HAND OFF AUTO
HOR	HAND OFF REMOTE
HP	HORSEPOWER
HVAC	HEATING, VENTILATION, AIR CONDITIONING
IG	ISOLATED GROUND
IMC	INTERMEDIATE METALLIC CONDUIT
INT	INTERLOCK
IWH	INSTANTANEOUS WATER HEATER
J-BOX	JUNCTION BOX
KMCL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERES
LA	LIGHTNING ARRESTOR
LBS	POUNDS
LOS	LOCAL CONTROL STATION
LFS	LIGHTING FIXTURE SCHEDULE
LTG	LIGHTING
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR OR METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUG ONLY
MM	MULTIMODE (FIBER)
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
N/EL	NIGHT LIGHT AND EMERGENCY LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OL	OVERLOAD
P	POLE
PB	PUSH BUTTON
PH	PHASE
PM	PHASE MONITOR
PNL	PANEL
PVC	POLYVINYL CHLORIDE
RCP	RADIANT CEILING PANEL
RECPT	RECEPTACLE
REF	REFRIGERATOR
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL CONDUIT MAY ALSO BE REFERENCED AS RMC OR
RMC	RIGID METAL CONDUIT
SM	SINGLE MODE (FIBER)
S/N	SOLID NEUTRAL
SE	SERVICE ENTRANCE
SS	STAINLESS STEEL
ST	SHUNT TRIP
SW	SWITCH
TBR	TO BE REMOVED
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
VS	VERSUS
W	WATTS
WL	WET LOCATION LISTED
WP	WEATHERPROOF
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

### COORDINATION NOTES

- ALL CONDUIT ROUTING SHOWN ON THE PLANS ARE DIAGRAMMATIC. ROUTE CONDUIT TO MINIMIZE BENDS.
- COORDINATE COMPLETE INSTALLATION WITH FPL, THE ENGINEER, AND CITY BUILDING OFFICIAL.
- OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY THE CITY.
- PRIOR TO ANY ELECTRICAL WORK, IDENTIFY METHODS AND MATERIALS, AND OBTAIN PERMIT FOR EACH SERVICE.
- UNLESS OTHERWISE NOTED, ALL CONDUCTORS TO BE THWN COPPER.
- NO LBS. PLUMBING 90 DEGREE CONDUITS ALLOWED AHEAD OF METERS. USE ALL SWEEP 90 DEGREE. MINIMIZE THE NUMBER OF 90 DEGREES IN ANY CONDUIT SWEEP. PROVIDE FPL METER SEALING HASP ON ANY REMOVABLE COVERS SERVING METER GUTTERS, ETC.
- THE CITY WILL WAIVE ALL CITY PERMIT FEES.
- THE CITY WILL PAY THE FPL CONVERSION FEES.
- THE CITY DOES NOT ALLOW STORAGE OF MATERIALS ON-SITE OR ON VACANT LOTS WITHOUT CITY COMMISSION APPROVAL OF A SPECIAL EXCEPTION. THE CONTRACTOR IS TO PROVIDE COST FOR RENTING A SUITABLE SITE. IF THE SELECTED SITE IS DEEMED ACCEPTABLE, AND THE CONTRACTOR DESIRES TO APPLY FOR A SPECIAL EXCEPTION, THE CITY WILL WAIVE THE APPLICATION FEE.
- DURING DISCONNECTS / RECONNECTS, THE INTERRUPTION OF SERVICE SHALL BE KEPT TO A MINIMUM. IN THE CASE OF EXTENSIVE OUTAGE, THE CITY WILL PROVIDE A 30KW 3 PHASE GENERATOR AND THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS CONNECTION. CONTRACTOR SHALL SUBMIT ANY REQUEST FOR GENERATOR USE IN A TIMELY FASHION AND PROVIDE THE CITY WITH AMPLE TIME TO COORDINATE WITH THE CONTRACTOR.

### ONE-LINE SYMBOLS

- FUSED DISCONNECT SWITCH
- EQUIPMENT CONNECTION
- METER
- NON-FUSED DISCONNECT SWITCH
- PANELBOARD (ELEVATION VIEW)
- UTILITY CONNECTION

### LINE TYPE KEY

- NEW WORK (DARK SOLID LINE)
- EXISTING TO REMAIN (THIN SOLID LINE)
- DEMOLITION WORK (DARK DASHED SOLID LINE)
- NEW WORK (DARK SOLID LINE)
- DEMOLITION WORK (DARK DASHED SOLID LINE)
- CENTER LINE
- EASEMENT
- OVER HEAD LINES
- RIGHT OF WAY
- SANITARY SEWER
- WATER MAIN

### SITE SYMBOLS

- HANDHOLE
- CUSTOMER METER
- TRANSFORMER

### FLORIDA POWER & LIGHT (FPL) NOTES:

- HUSSEIN ABDALLAH (386) 322-3405
- HUSSEIN ABDALLAH@FPL.COM
- CONDUIT TO BE HDPE / PVC.
- ALL WORK TO CONFORM TO FPL / NEC REQUIREMENTS. REFER TO FPL INSTALLATION GUIDELINES FOR MORE INFORMATION.
- MINIMUM CONDUIT RADIUS = 3" (SWEEPS).
- FOR COMMERCIAL SERVICES THE CONTRACTOR WILL INSTALL CONDUCTORS.
- ALL HANDHOLES AND TRANSFORMERS SHOWN IN THESE PLANS SHALL BE PROVIDED BY FPL, UNLESS OTHERWISE NOTED.

### GENERAL NOTES:

- ALL CONDUIT ROUTING SHOWN ON THE PLANS ARE DIAGRAMMATIC. ROUTE CONDUIT TO MINIMIZE BENDS.
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES, STANDARDS, SPECIFICATIONS, REGULATIONS AND PERTINENT DOCUMENTS.
- UTILITIES AND STRUCTURES SHOWN ON PLANS HAVE BEEN LOCATED FROM AVAILABLE RECORDS, BUT IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THE LOCATION OF ALL UTILITIES AND STRUCTURES TO AVOID CONFLICT WITH EXISTING FACILITIES. FIELD CHANGES TO PIPE ALIGNMENT MAY BE NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR POSSIBLY WORKING IN CLOSE PROXIMITY OF TELEPHONE CABLES WHICH MAY INCLUDE STRIPPING AND RE-BURYING CABLES.
- THE OWNER SHALL NOT BE HELD RESPONSIBLE FOR INACCURACIES OR OMISSIONS IN THE LOCATION, ELEVATION AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER EXISTING FEATURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE A REVIEW OF THE SITE BECOME FAMILIAR WITH THE DETAILS OF WORK, VERIFY EXISTING CONDITIONS IN THE FIELD, AND ADVISE THE ENGINEER OF ANY CONFLICTS ARISING DURING CONSTRUCTION OF ANY IMPROVEMENTS SHOWN ON THE DRAWINGS. THESE CONFLICTS SHALL NOT CONSTITUTE AN EXTRA UNLESS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER FEATURES AFFECTING THEIR WORK PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE REQUIRED TO UTILIZE A FIRE HYDRANT METER AND BACK-FLOW ASSEMBLY FOR WATER USAGE. WATER USAGE WILL BE BILLED BUT SHALL BE METERED AND REPORTED TO THE CITY. CONTRACTOR MAY OBTAIN A FIRE HYDRANT METER AND BACK-FLOW ASSEMBLY FROM THE CITY'S WATER DEPARTMENT. A REFUNDABLE DEPOSIT WILL APPLY.
- THE CONTRACTOR SHALL CONDUCT THEIR WORK AS TO INSURE LEAST POSSIBLE OBSTRUCTION TO TRAFFIC AND INCONVENIENCE TO THE GENERAL PUBLIC AND THE RESIDENTS IN THE VICINITY OF THE WORK AND TO INSURE THE PROTECTION OF PERSONS AND PROPERTY. NO ROADS TO BE CLOSED TO THE PUBLIC EXCEPT WITH THE APPROVAL OF THE ENGINEER AND THE PROPER GOVERNMENTAL AUTHORITY.
- ADEQUATE EXCAVATION, SHEATHING, SHORING, AND BRACING SHALL BE PROVIDED AND SHALL CONFORM TO CONSTRUCTION REQUIREMENTS SET FORTH BY THE FEDERAL DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR, REGISTERED IN THE STATE OF FLORIDA, TO REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS THAT MAY BE DISTURBED BY CONSTRUCTION AND TO ASSURE ACCURATE HORIZONTAL AND VERTICAL CONTROLS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL PROPERTY ALONG THE LINE OF WORK, OR IN THE VICINITY THEREOF, OR IN ANY WAY AFFECTED BY THE WORK, WHICH IS NOT CALLED FOR BY THE PLANS. WHEREVER SUCH PROPERTY IS DAMAGED DUE TO CONSTRUCTION ACTIVITIES BY THE CONTRACTOR, IT SHALL BE IMMEDIATELY RESTORED TO ORIGINAL CONDITION.
- ALL NON-PAVED AREAS DISTURBED SHALL BE SODDED WITH LIKE KIND OF SOD.
- ALL DAMAGED PRIVATE SPRINKLERS SHALL BE MADE OPERABLE BY THE CONTRACTOR BY THE END OF THE DAY WHICH THE DAMAGE OCCURRED. SYSTEMS SHALL BE FULLY RESTORED BY THE END OF THE WEEK.
- THE PROPOSED CONDUITS HAVE BEEN SHOWN IN SCHEMATIC FORM. THE CONTRACTOR SHALL LIMIT IMPACT TO EXISTING FEATURES BY GROUPING SIMILAR TYPE CONDUITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH REPLACING AND/OR REPAIRING ANY EXISTING CONDUIT, PIPING, UTILITIES SIDEWALKS, WALLS, PROPERTY NON-PAVED AREAS, SPRINKLER SYSTEMS, ETC. THAT ARE DAMAGED BY CONSTRUCTIONS. MATCH TO EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND THE CONTRACTOR'S EXPENSE TO PROVIDE THE ENGINEER WITH "AS-BUILT" DRAWINGS OF CONSTRUCTION.

### MAINTENANCE OF TRAFFIC NOTES

- ALL MAINTENANCE OF TRAFFIC SHALL CONFORM TO FDOT 600 INDEXES.
- THE CONTRACTOR SHALL COORDINATE IMPACT TO PARKING WITH PROPERTY OWNERS. CONTRACTORS SHALL NOT IMPACT MORE THAN 50% OF INDIVIDUAL PROPERTY'S PARKING AT ONE TIME.
- SAFE CONTINUOUS PEDESTRIAN TRAFFIC TO BE MAINTAINED.

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**SOUTH DAYTONA**  
SMALL CITY. BIG POSSIBILITIES.

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US-1 UNDERGROUNDING  
PH 2  
S RIDGEWOOD AVE  
SOUTH DAYTONA, FL 32119

ISSUED  
3/5/2025  
BID SET

### NOT FOR CONSTRUCTION

M&H NO: 1000717-222018.01  
DATE: MARCH 2025  
DESIGNED BY: DRK  
DRAWN BY: DRK  
CHECKED BY: JRH  
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SHEET CONTENTS  
KEY SHEET  
(ELECTRICAL)

SHEET NO.

E-001





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MATCH LINE, SEE SHEET E-010

**CITY OF SOUTH DAYTONA  
US-1 UNDERGROUNDING  
PH 2**

**S RIDGEWOOD AVE  
SOUTH DAYTONA, FL 32119**

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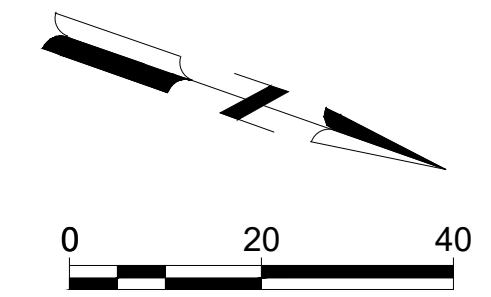
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SHEET CONTENTS  
**ELECTRICAL SITE PLAN**

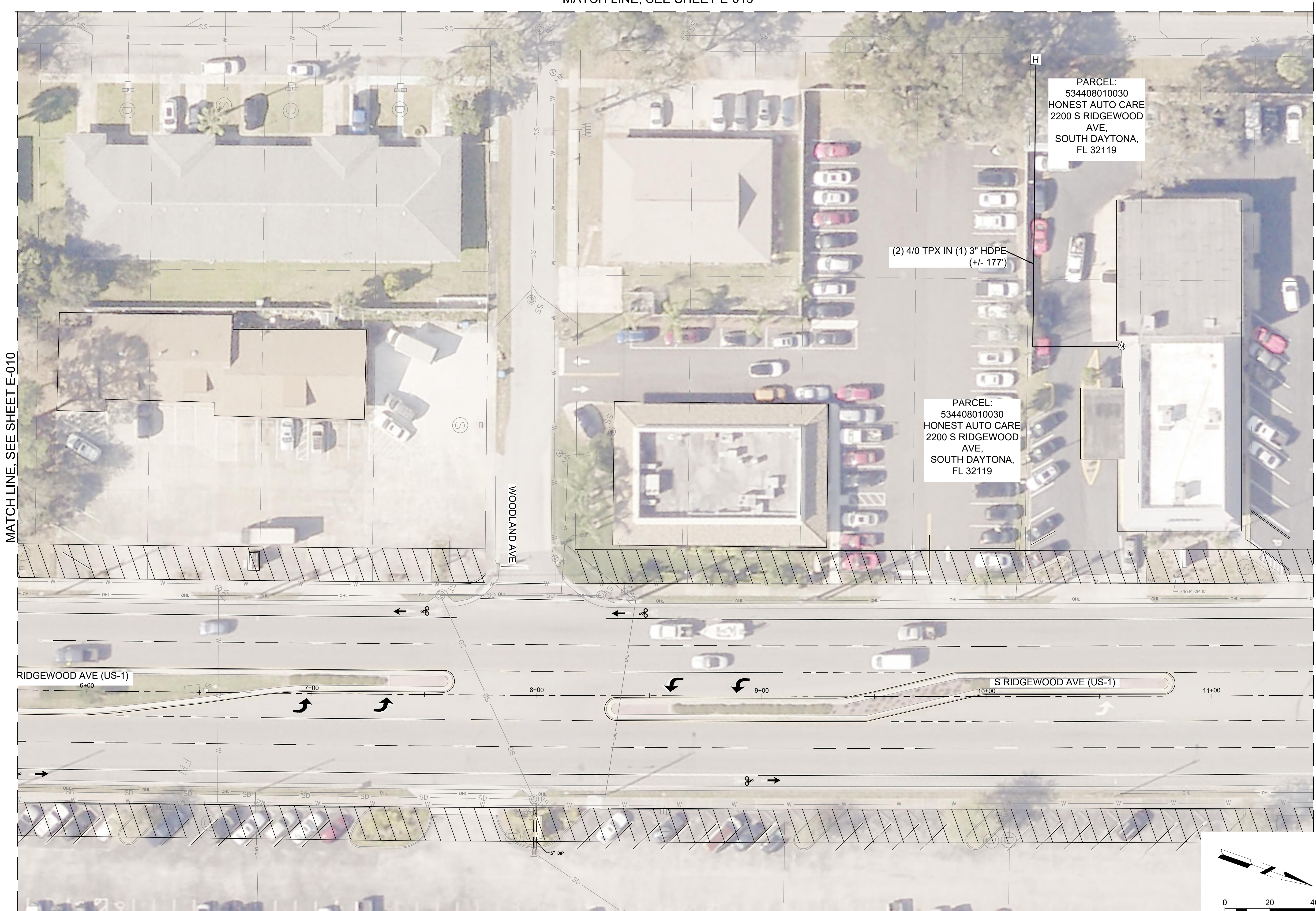
SHEET NO.

**E-010**





MATCH LINE, SEE SHEET E-013



PARCEL:  
534408010030  
HONEST AUTO CARE  
2200 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

PARCEL:  
534408010030  
HONEST AUTO CARE  
2200 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

(2) 4/0 TPX IN (1) 3" HDPE  
(+/- 177')

MATCH LINE, SEE SHEET E-010

MATCH LINE, SEE SHEET E-012

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US-1 UNDERGRIDDING  
PH 2

S RIDGEWOOD AVE  
SOUTH DAYTONA, FL 32119

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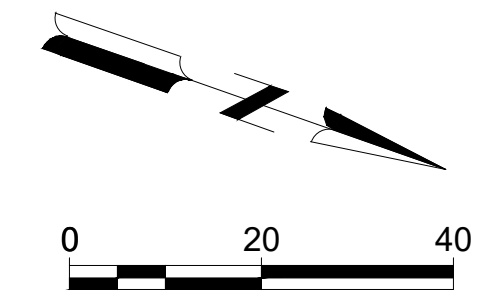
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SHEET CONTENTS  
ELECTRICAL SITE PLAN

SHEET NO.

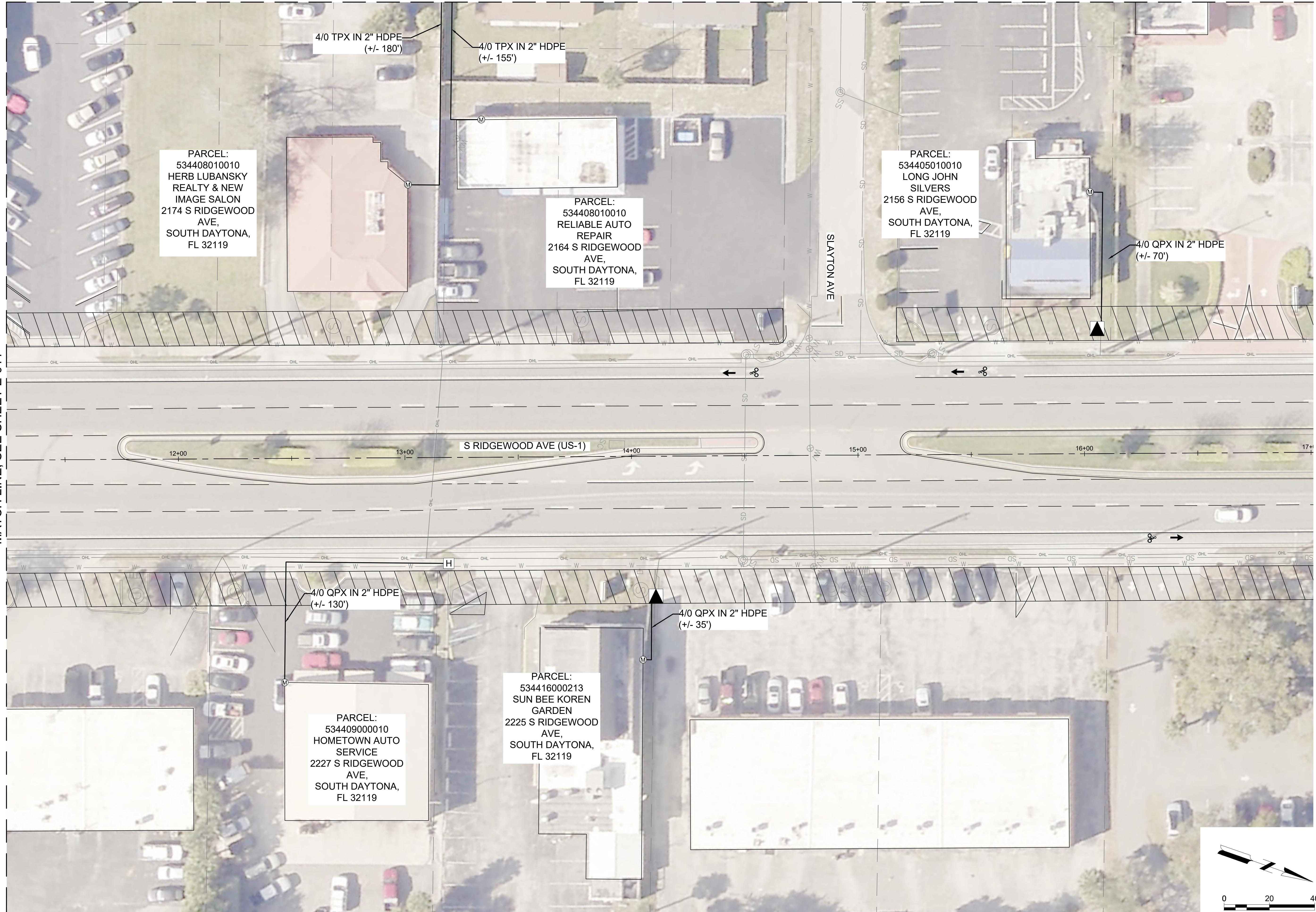
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MATCH LINE, SEE SHEET E-013



PARCEL:  
534408010010  
HERB LUBANSKY  
REALTY & NEW  
IMAGE SALON  
2174 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

PARCEL:  
534408010010  
RELIABLE AUTO  
REPAIR  
2164 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

PARCEL:  
534405010010  
LONG JOHN  
SILVERS  
2156 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

PARCEL:  
534409000010  
HOMETOWN AUTO  
SERVICE  
2227 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

PARCEL:  
534416000213  
SUN BEE KOREN  
GARDEN  
2225 S RIDGEWOOD  
AVE,  
SOUTH DAYTONA,  
FL 32119

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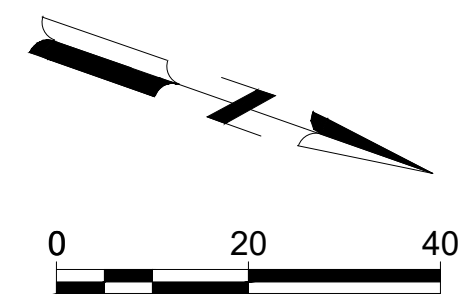
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SHEET CONTENTS  
ELECTRICAL PLANS

SHEET NO.

# E-012



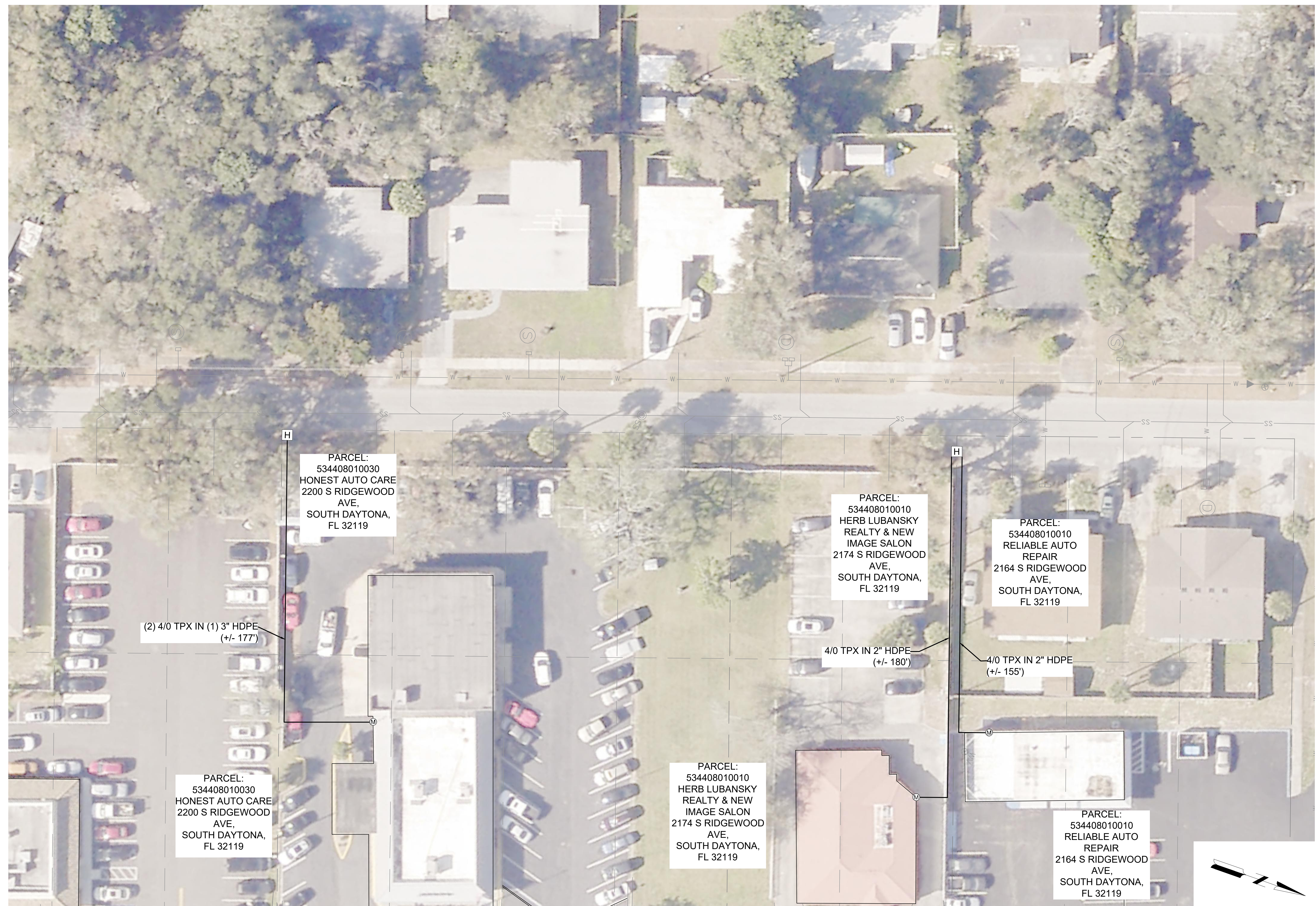
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MATCH LINE, SEE SHEET E-011





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**CITY OF SOUTH DAYTONA**  
**US-1 UNDERGROUNDING**  
**PH 2**  
**S RIDGEWOOD AVE**  
**SOUTH DAYTONA, FL 32119**

ISSUED 3/5/2025 BID SET

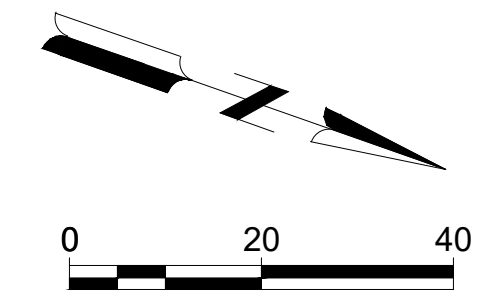
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SHEET CONTENTS  
**ELECTRICAL PLANS**

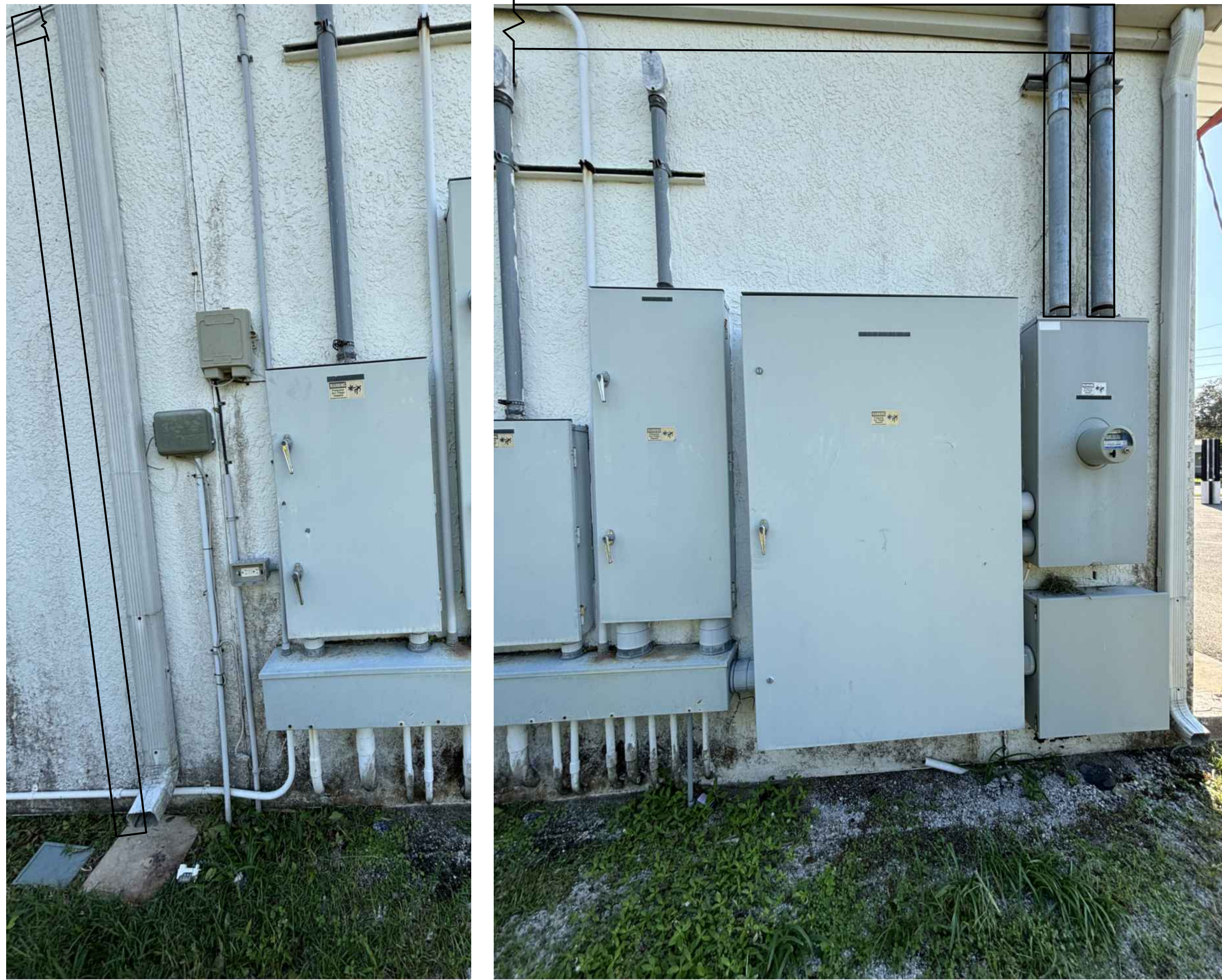
SHEET NO.

## E-013



MATCH LINE, SEE SHEET E-011 AND E-012



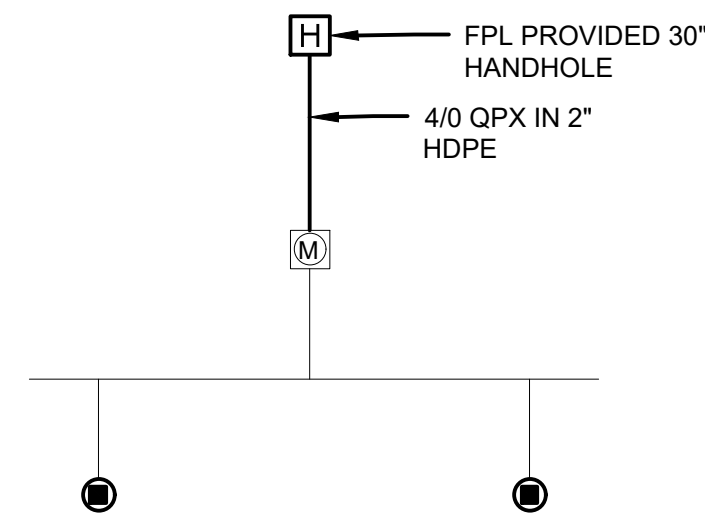


**2323 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

3  
NTS

**NOTES:**

1. DOWNSPOUT TO BE RELOCATED FOR INSTALLATION OF CONDUIT. RECONFIGURE/ REPLACE GUTTER TO ALLOW FOR RELOCATION. REPLACE ANY GAPS LEFT IN EXISTING GUTTER.
2. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
3. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



**2323 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

4  
NTS

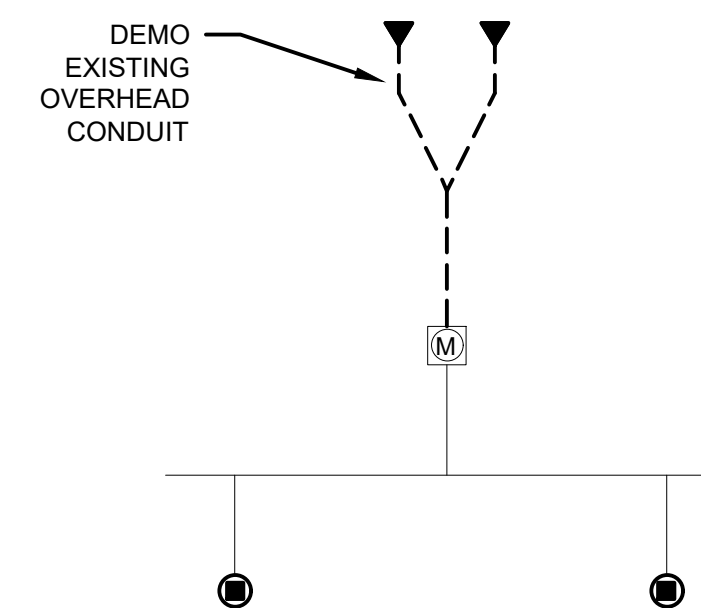


**2323 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

1  
NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2323 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

2  
NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
3. WHERE ALTERATIONS TO THE BUILDING SURFACE ARE REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH ALL EXISTING TO REMAIN WALLS, ROOFS, SURFACES, ETC. DISTURBED BY DEMOLITION TO ORIGINAL CONDITION.
4. THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL PROPERTY ALONG THE LINE OF WORK, OR IN THE VICINITY THEREOF, TO INCLUDE ALL EXISTING CONDUITS, PIPING, DRAINAGE, SPRINKLER SYSTEMS, ETC. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF IMMEDIATELY REPLACING AND/OR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES.
5. HANDHOLES AND TRANSFORMERS SHOWN ON PLANS SHALL BE PROVIDED BY FPL.
6. ALL CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE AS TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.

**Mead & Hunt**

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Port Orange, FL 32127  
phone: 386-761-6810  
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CITY OF SOUTH DAYTONA  
US-1 UNDERGROUNDING  
PH 2  
S RIDGEWOOD AVE  
SOUTH DAYTONA, FL 32119

ISSUED  
3/5/2025 BID SET

NOT FOR CONSTRUCTION

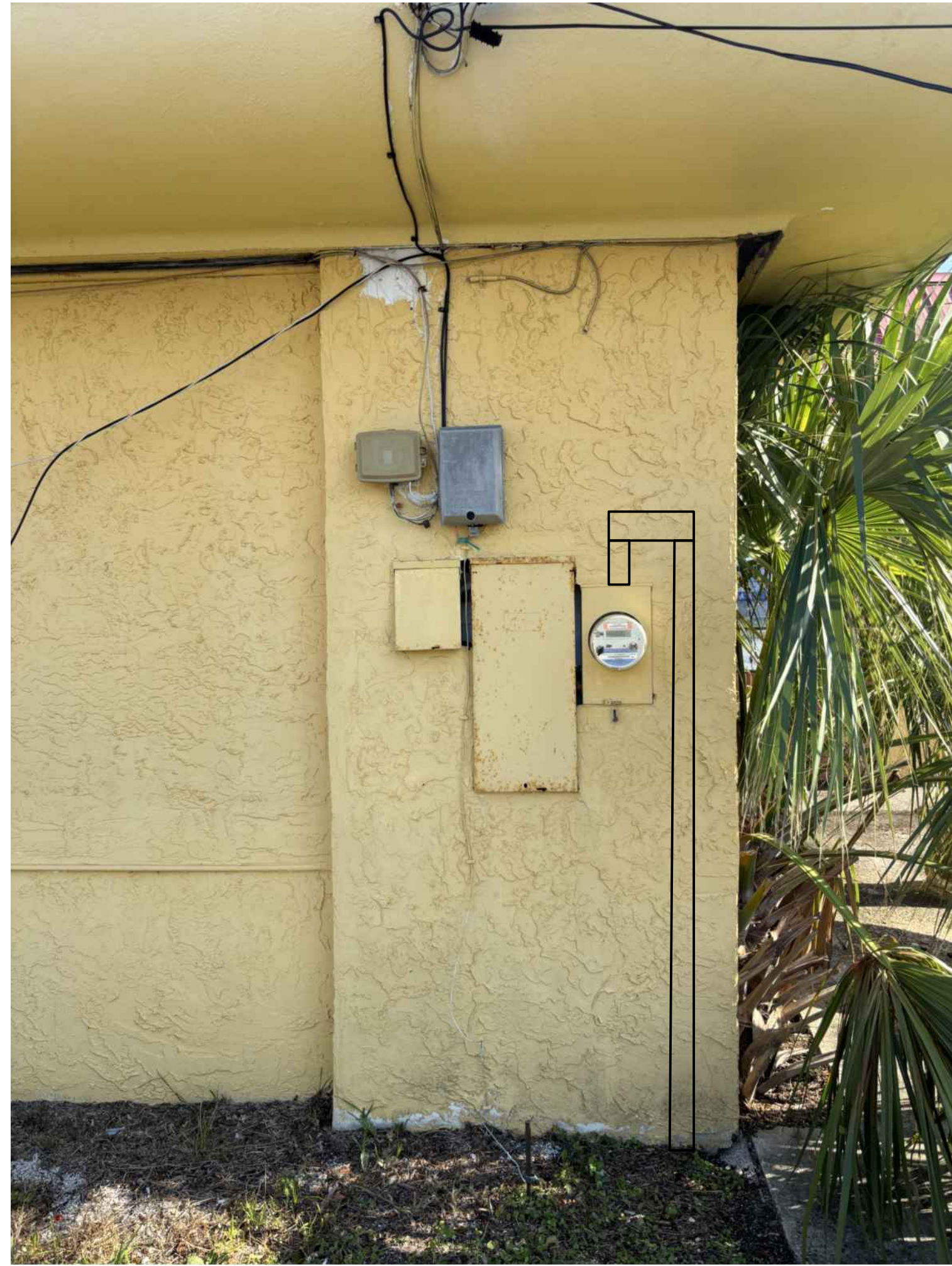
M&H NO: 1000717-222018.01  
DATE: MARCH 2025  
DESIGNED BY: DRK  
DRAWN BY: DRK  
CHECKED BY: JRH  
DO NOT SCALE DRAWINGS

SHEET CONTENTS  
ELECTRICAL POWER PLAN

SHEET NO.

E-101



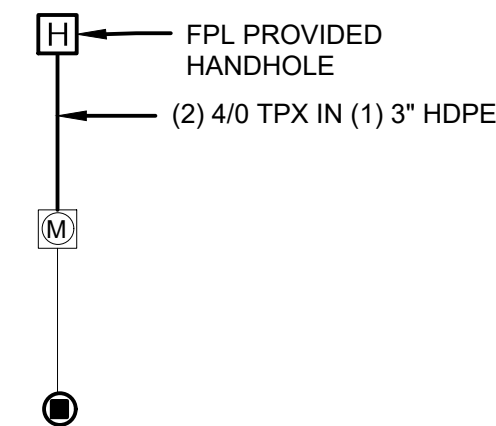


**3** 2309 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK

NTS

**NOTES:**

1. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
2. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



**4** 2309 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK

NTS

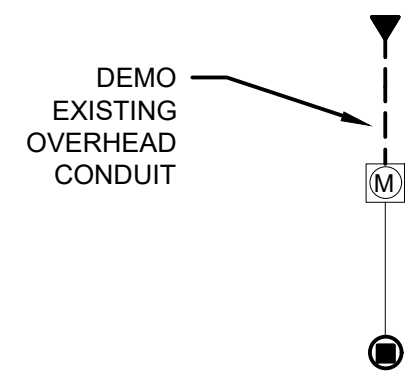


**1** 2309 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION

NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.
2. CUT WALL AS NECESSARY TO ACCESS KNOCKOUT ON METER ENCLOSURE.



**2** 2309 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION

NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
3. WHERE ALTERATIONS TO THE BUILDING SURFACE ARE REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH ALL EXISTING TO REMAIN WALLS, ROOFS, SURFACES, ETC. DISTURBED BY DEMOLITION TO ORIGINAL CONDITION.
4. THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL PROPERTY ALONG THE LINE OF WORK, OR IN THE VICINITY THEREOF, TO INCLUDE ALL EXISTING CONDUITS, PIPING, DRAINAGE, SPRINKLER SYSTEMS, ETC. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF IMMEDIATELY REPLACING AND/OR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES.
5. HANDHOLES AND TRANSFORMERS SHOWN ON PLANS SHALL BE PROVIDED BY FPL.
6. ALL CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE AS TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.

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SHEET CONTENTS  
ELECTRICAL POWER PLAN

SHEET NO.

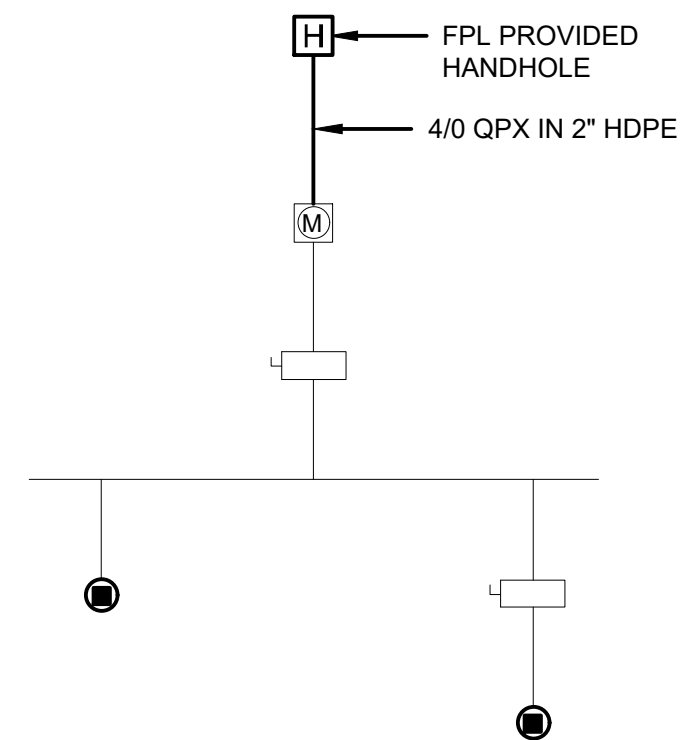
**E-102**





**3 2227 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

- NTS  
NOTES:  
1. PROPOSED CONDUIT ROUTING SHOWN ABOVE.  
CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO  
MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.  
2. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS  
ETC. TO EXISTING CONDITIONS.



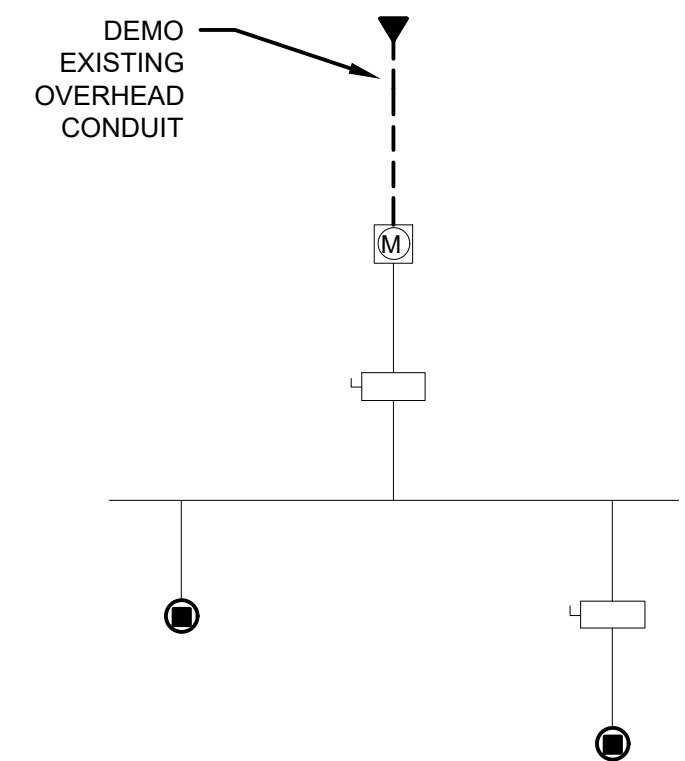
**4 2227 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

NTS



**1 2227 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

- NTS  
NOTES:  
1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD  
CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2 2227 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
3. WHERE ALTERATIONS TO THE BUILDING SURFACE ARE REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH ALL EXISTING TO REMAIN WALLS, ROOFS, SURFACES, ETC. DISTURBED BY DEMOLITION TO ORIGINAL CONDITION.
4. THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL PROPERTY ALONG THE LINE OF WORK, OR IN THE VICINITY THEREOF, TO INCLUDE ALL EXISTING CONDUITS, PIPING, DRAINAGE, SPRINKLER SYSTEMS, ETC. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF IMMEDIATELY REPLACING AND/OR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES.
5. HANDHOLES AND TRANSFORMERS SHOWN ON PLANS SHALL BE PROVIDED BY FPL.
6. ALL CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE AS TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.



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SHEET CONTENTS  
ELECTRICAL POWER  
PLAN

SHEET NO.

**E-103**

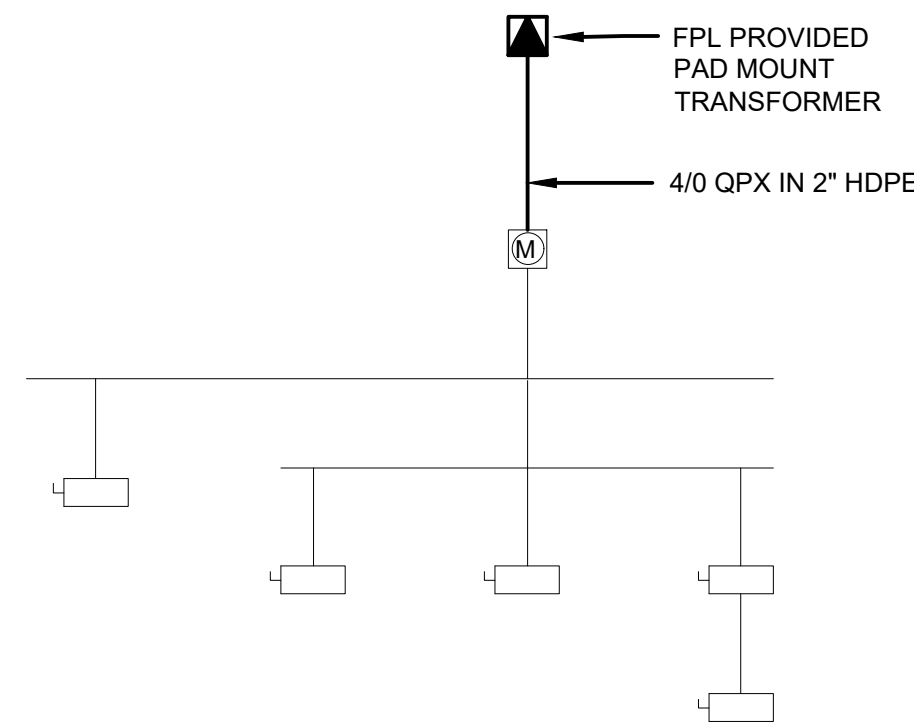




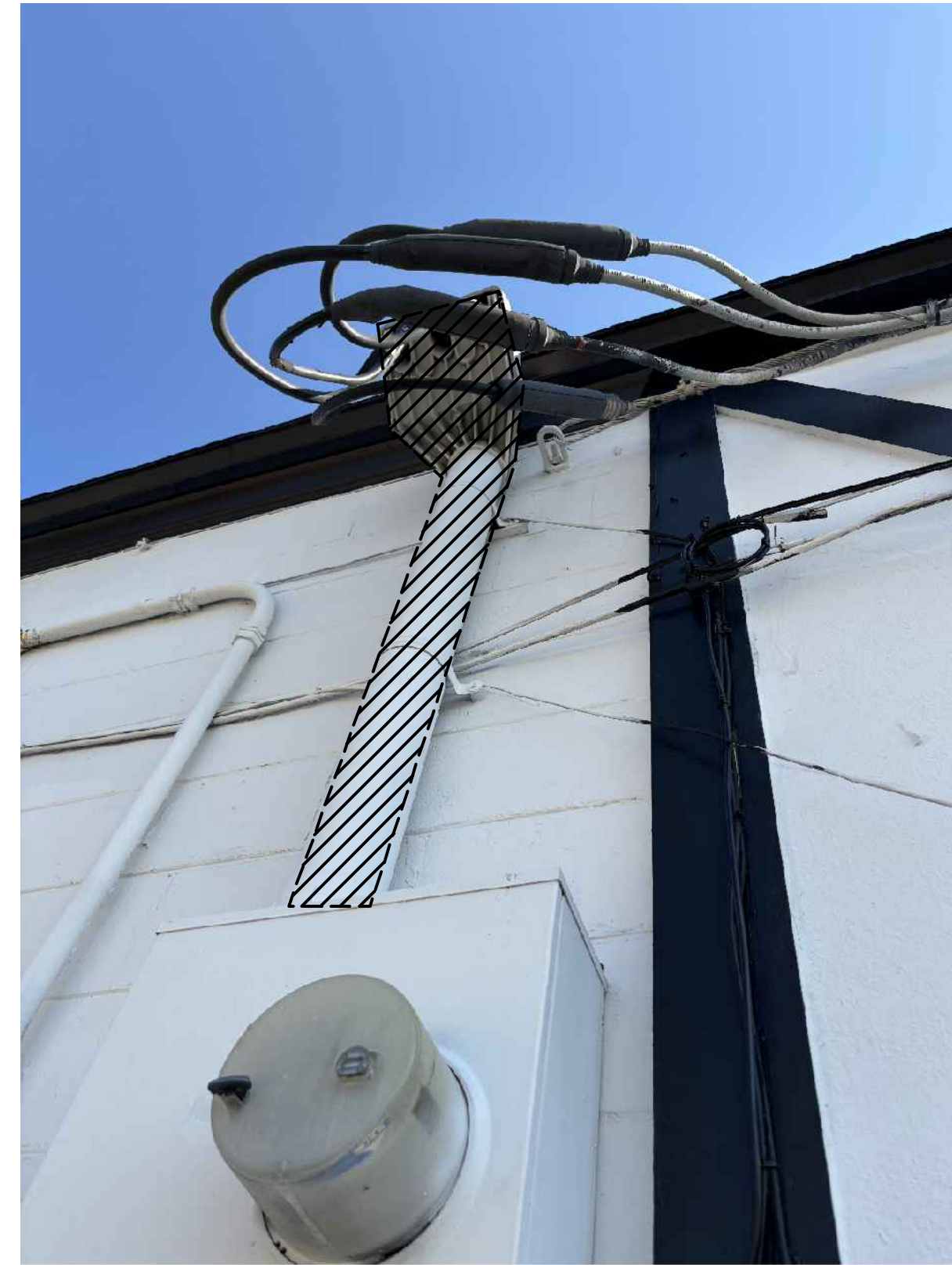
**3** 2225 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK  
NTS

**NOTES:**

1. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
2. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



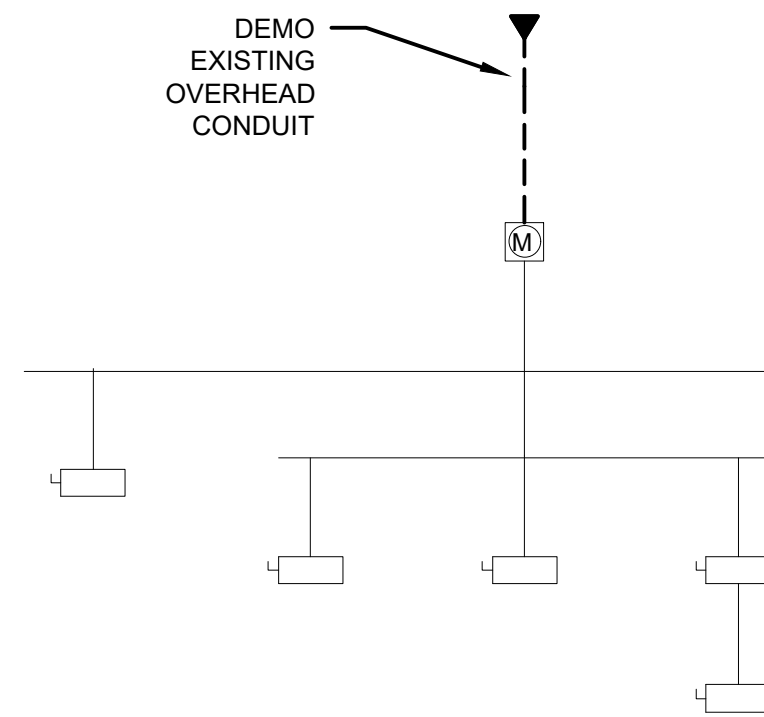
**4** 2225 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK  
NTS



**1** 2225 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION  
NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2** 2225 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION  
NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
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6. ALL CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE AS TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.

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SHEET CONTENTS  
ELECTRICAL POWER PLAN

SHEET NO.

**E-104**





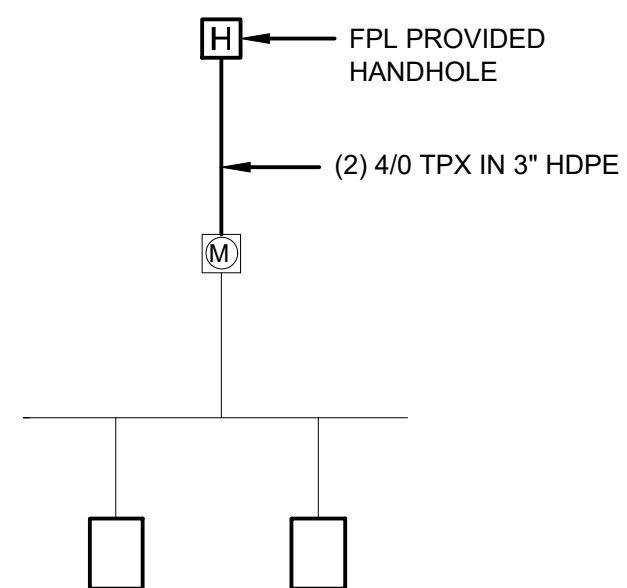
**2270 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

3

NTS

**NOTES:**

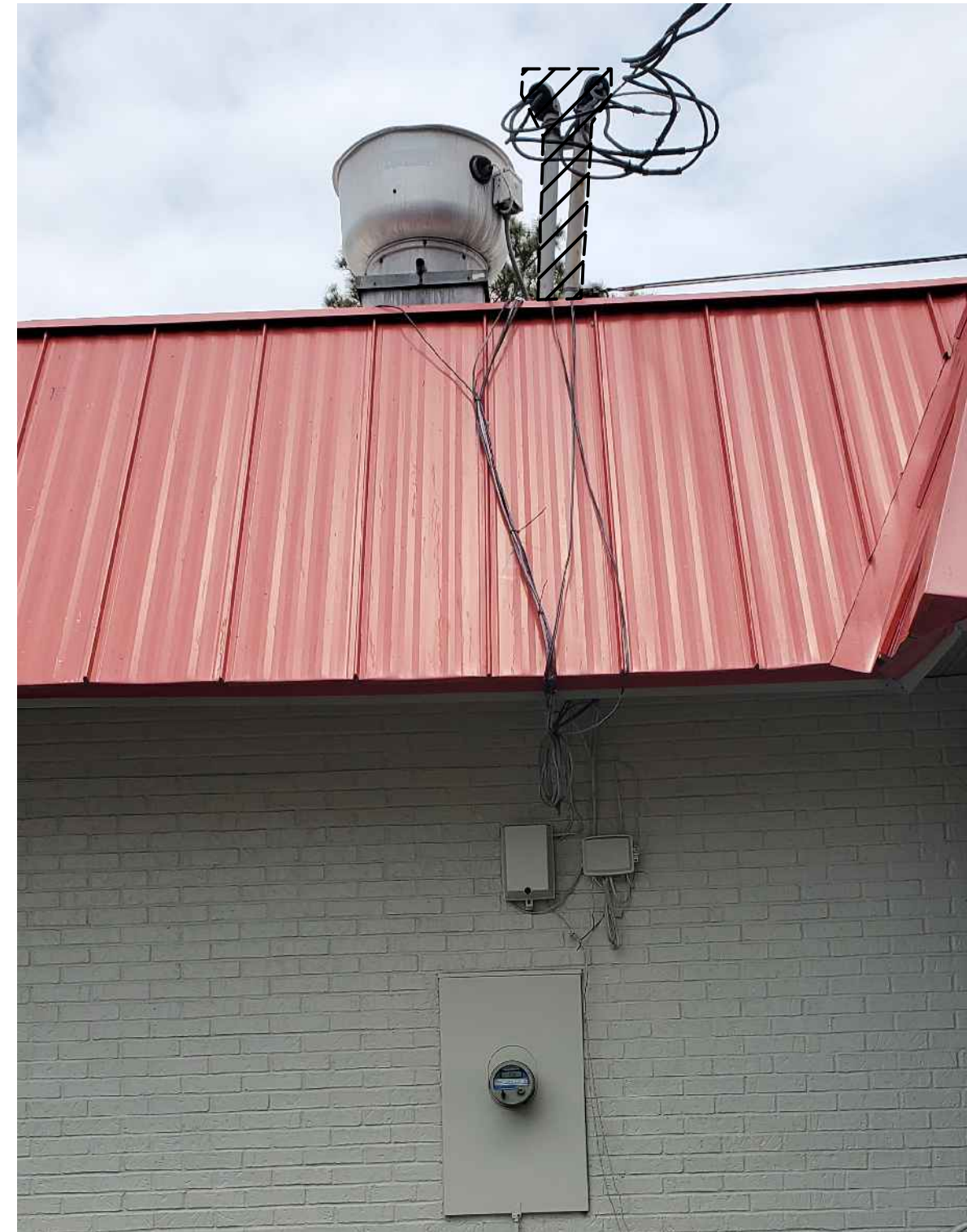
1. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
2. PATCH WALL TO MATCH EXISTING CONDITIONS AFTER INSTALLATION OF NEW UNDERGROUND SERVICE.



**2270 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

4

NTS



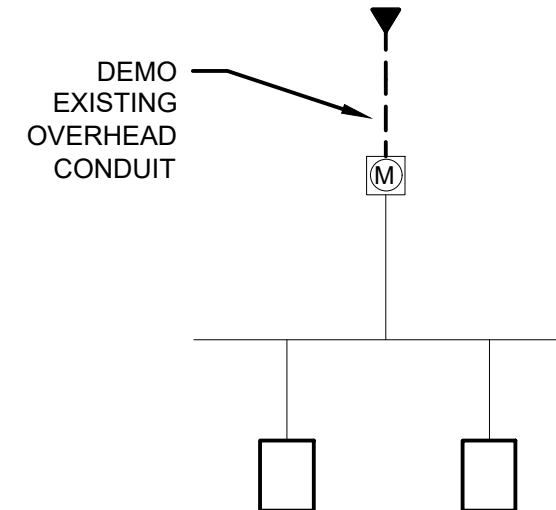
**2270 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

1

NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.
2. CUT WALL AS NECESSARY TO ACCESS KNOCKOUT ON METER ENCLOSURE.



**2270 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

2

NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
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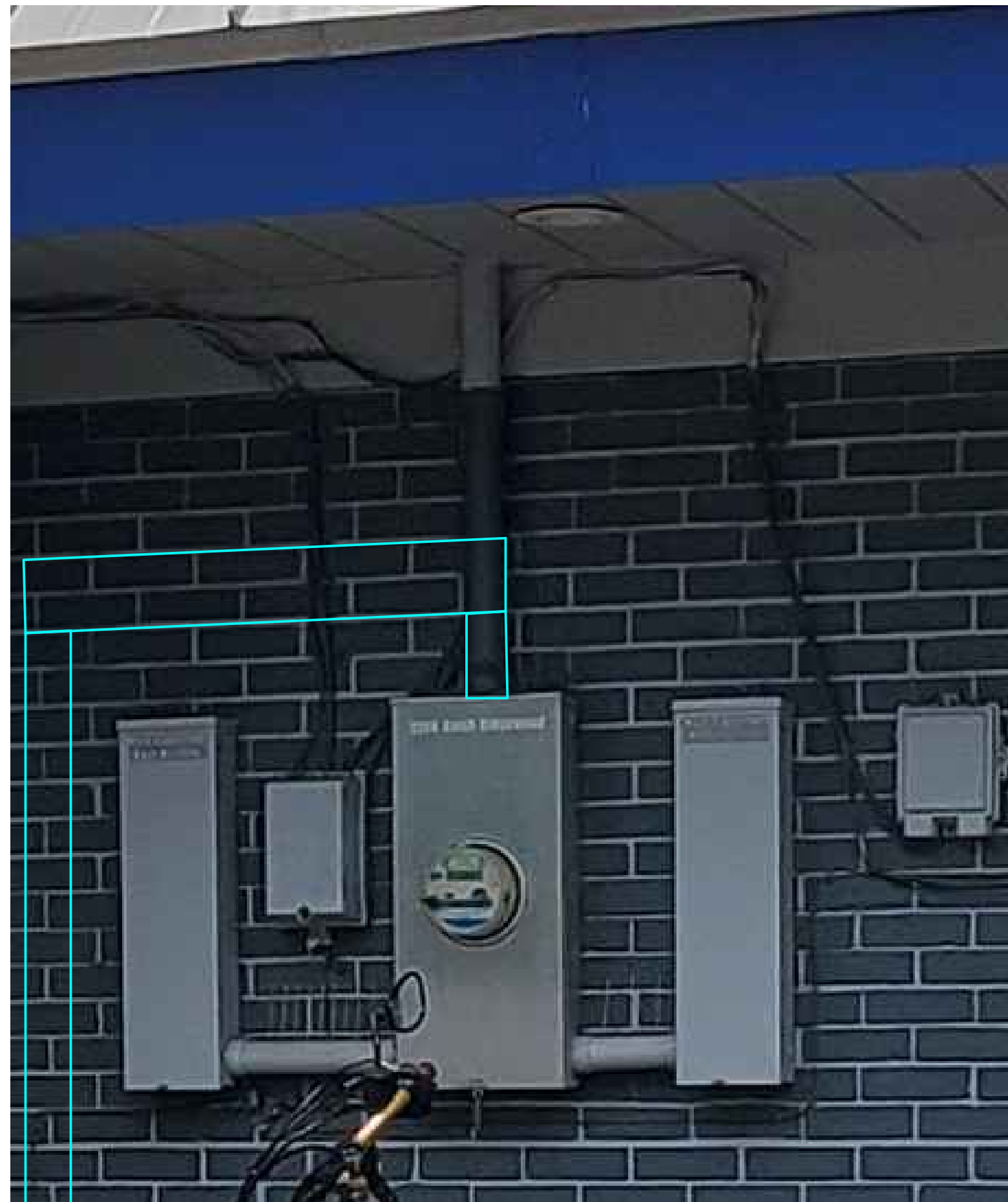
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SHEET CONTENTS  
ELECTRICAL POWER PLAN

SHEET NO.

**E-201**





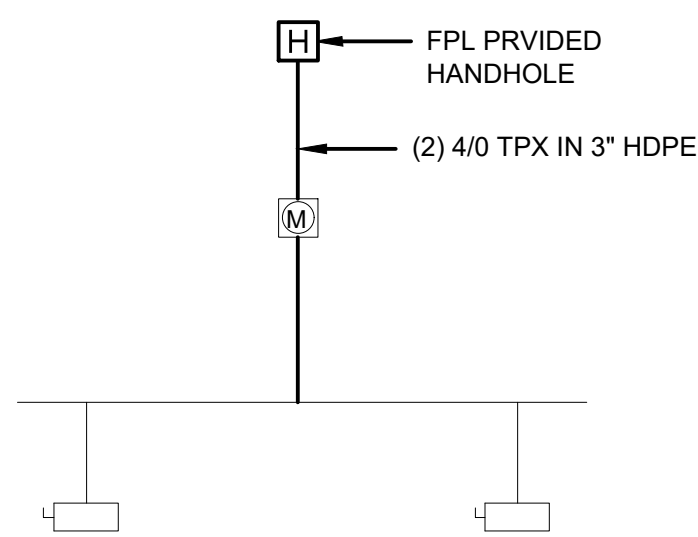
**2200 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

3

NTS

**NOTES:**

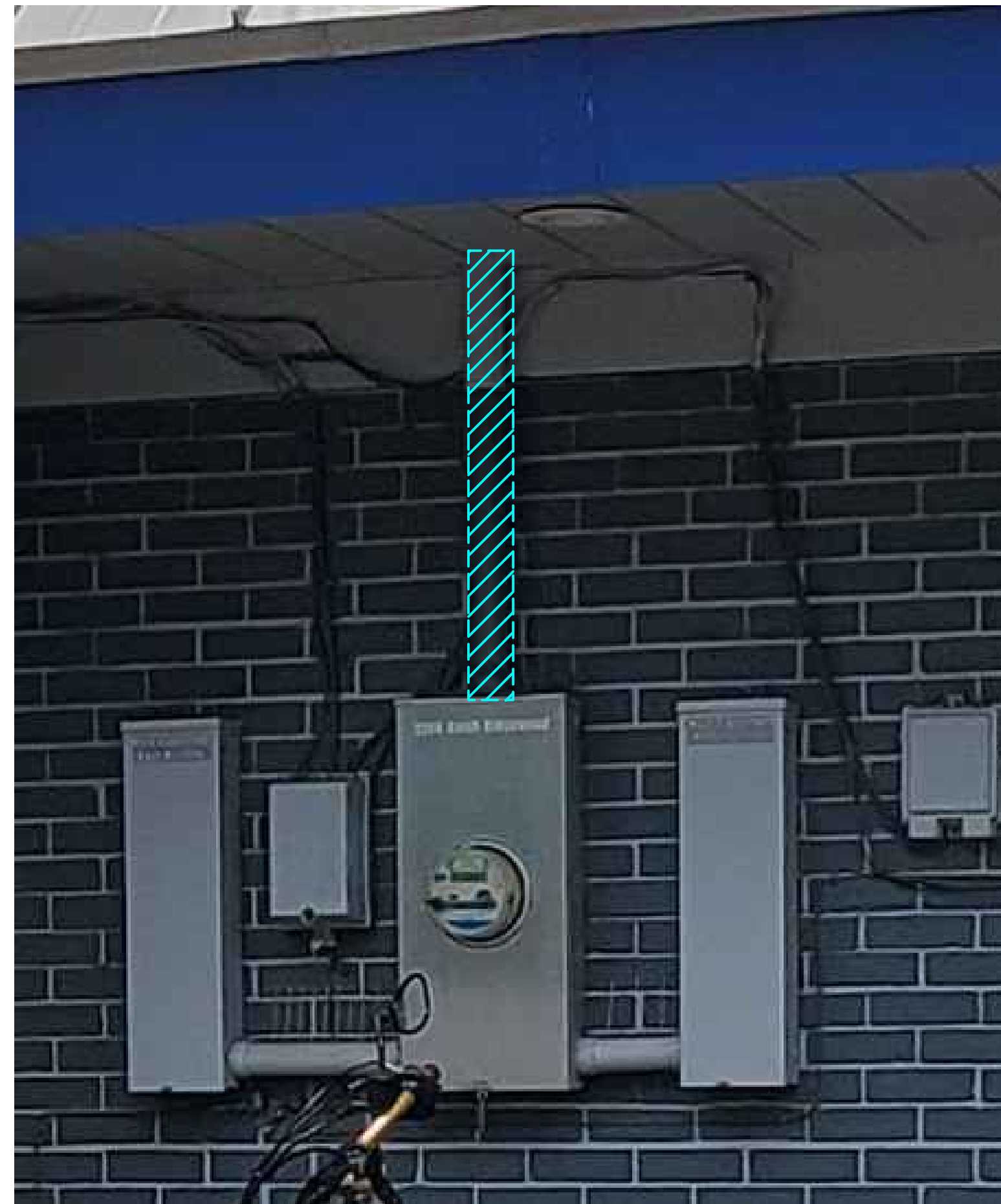
1. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
2. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



**2200 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

4

NTS



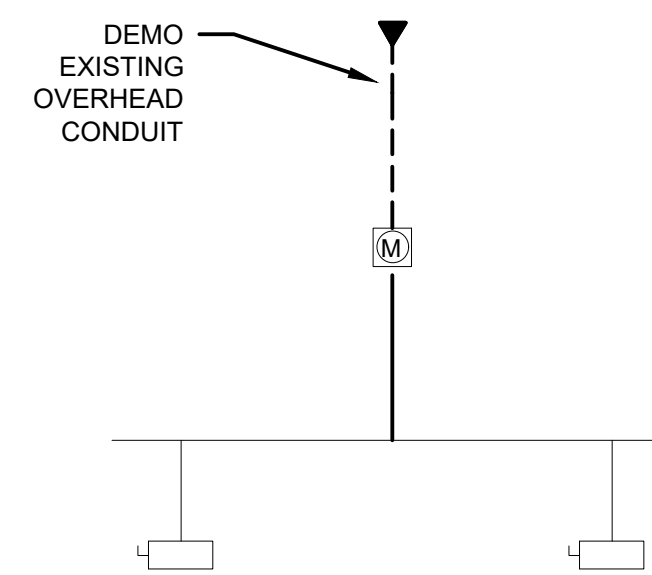
**2200 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

1

NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2200 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

2

NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
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SHEET CONTENTS  
ELECTRICAL POWER PLAN

SHEET NO.

**E-202**





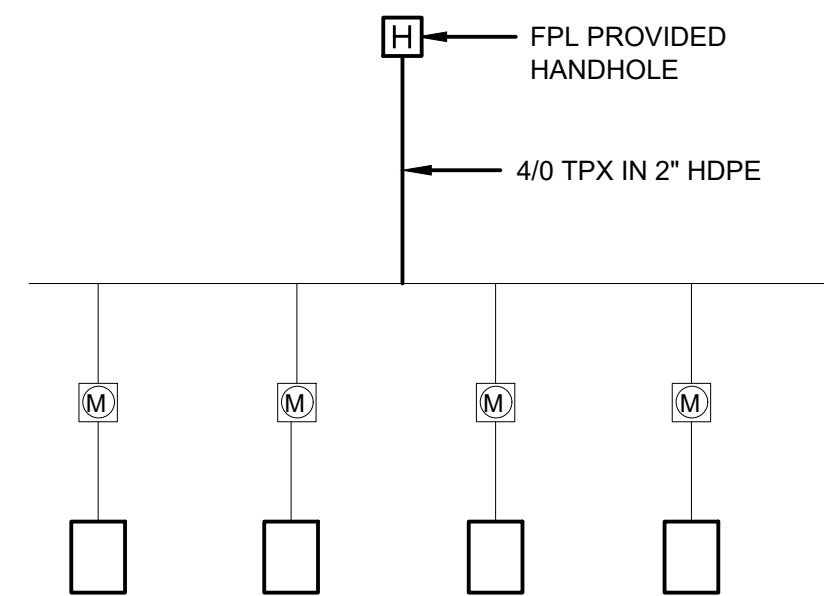
**2174 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

3

NTS

**NOTES:**

1. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
2. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



**2174 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

4

NTS



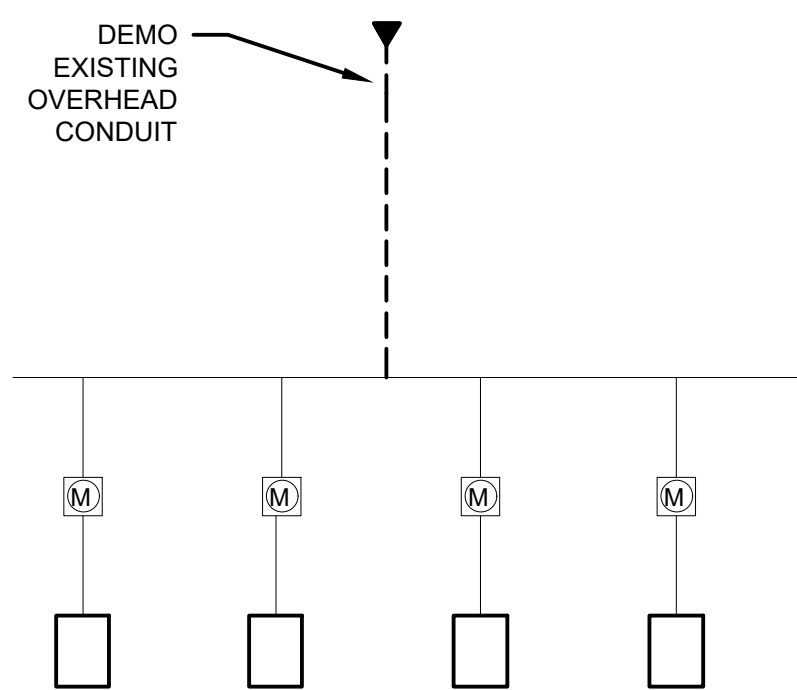
**2174 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

1

NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2174 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

2

NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
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SHEET CONTENTS  
ELECTRICAL POWER  
PLAN

SHEET NO.

**E-203**

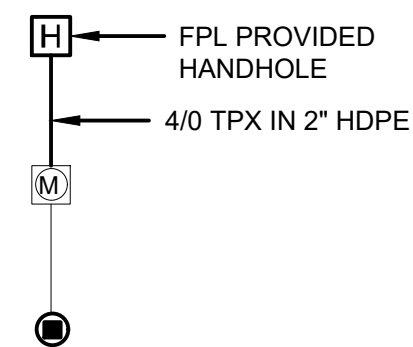




**2164 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

3

- NTS
- NOTES:
1. INSTALL NEW CONDUIT AS SHOWN ABOVE.
  2. RELOCATE DOWNSPOUT FOR CONDUIT ROUTING.
  3. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



**2164 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

4

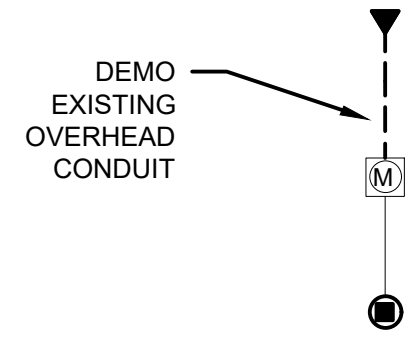
NTS



**2164 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

1

- NTS
- NOTES:
1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2164 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

2

NTS

**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
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CITY OF SOUTH DAYTONA  
US-1 UNDERGROUNDING  
PH 2

S RIDGEWOOD AVE  
SOUTH DAYTONA, FL 32119

ISSUED  
3/5/2025 BID SET

NOT FOR CONSTRUCTION

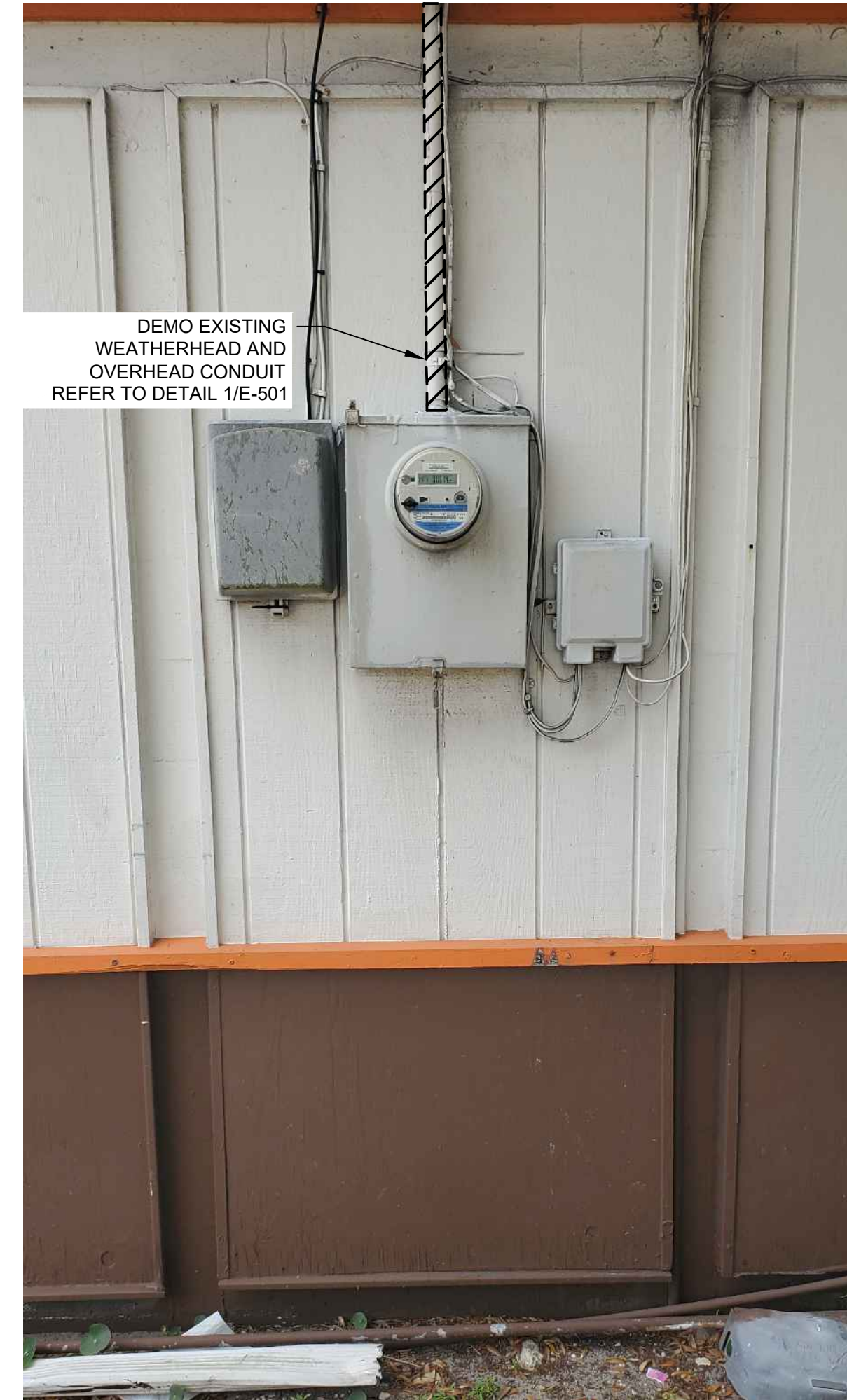
M&H NO: 1000717-222018.01  
DATE: MARCH 2025  
DESIGNED BY: DRK  
DRAWN BY: DRK  
CHECKED BY: JRH  
DO NOT SCALE DRAWINGS

SHEET CONTENTS  
ELECTRICAL POWER  
PLAN

SHEET NO.

**E-204**





**GENERAL NOTES:**

1. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK TO ENSURE THERE ARE NO UNDERGROUND OBSTRUCTIONS.
2. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ARRANGE ALL ELECTRICAL DEMOLITION AND CONSTRUCTION WITH THE CONSTRUCTION MANAGER TO MEET PROJECT PHASING REQUIREMENTS.
3. WHERE ALTERATIONS TO THE BUILDING SURFACE ARE REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH ALL EXISTING TO REMAIN WALLS, ROOFS, SURFACES, ETC. DISTURBED BY DEMOLITION TO ORIGINAL CONDITION.
4. THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL PROPERTY ALONG THE LINE OF WORK, OR IN THE VICINITY THEREOF, TO INCLUDE ALL EXISTING CONDUITS, PIPING, DRAINAGE, SPRINKLER SYSTEMS, ETC. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF IMMEDIATELY REPLACING AND/OR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES.
5. HANDHOLES AND TRANSFORMERS SHOWN ON PLANS SHALL BE PROVIDED BY FPL.
6. ALL CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE AS TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.



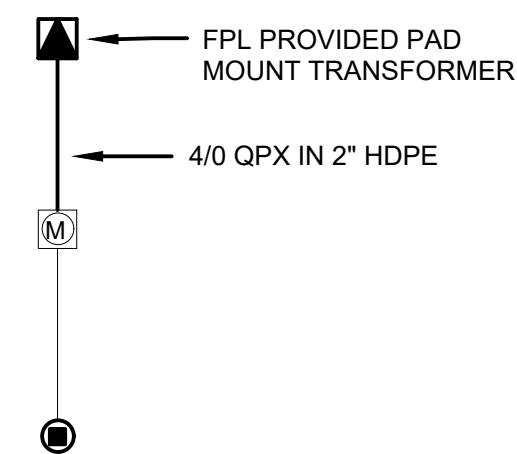
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**3 2156 S RIDGEWOOD AVE  
POWER PLAN - NEW WORK**

NTS

**NOTES:**

1. PROPOSED CONDUIT ROUTING SHOWN ABOVE. CONTRACTOR SHALL DETERMINE MOST DIRECT ROUTE TO MINIMIZE BENDS AND POSSIBLE OBSTRUCTIONS IN FIELD.
2. RESTORE ANY ALTERATIONS TO BUILDINGS, ROOFS, WALLS ETC. TO EXISTING CONDITIONS.



**4 2156 S RIDGEWOOD AVE  
RISER DIAGRAM - NEW WORK**

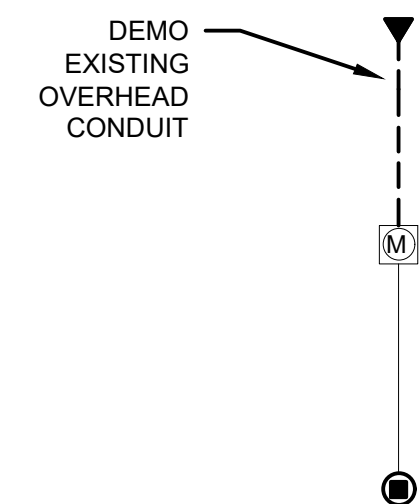
NTS

**1 2156 S RIDGEWOOD AVE  
POWER PLAN - DEMOLITION**

NTS

**NOTES:**

1. DEMOLISH EXISTING WEATHERHEAD AND OVERHEAD CONDUIT AS SHOWN ABOVE. REFER TO DETAIL 1/E-501.



**2 2156 S RIDGEWOOD AVE  
RISER DIAGRAM - DEMOLITION**

NTS

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SHEET CONTENTS  
ELECTRICAL POWER PLAN

SHEET NO.

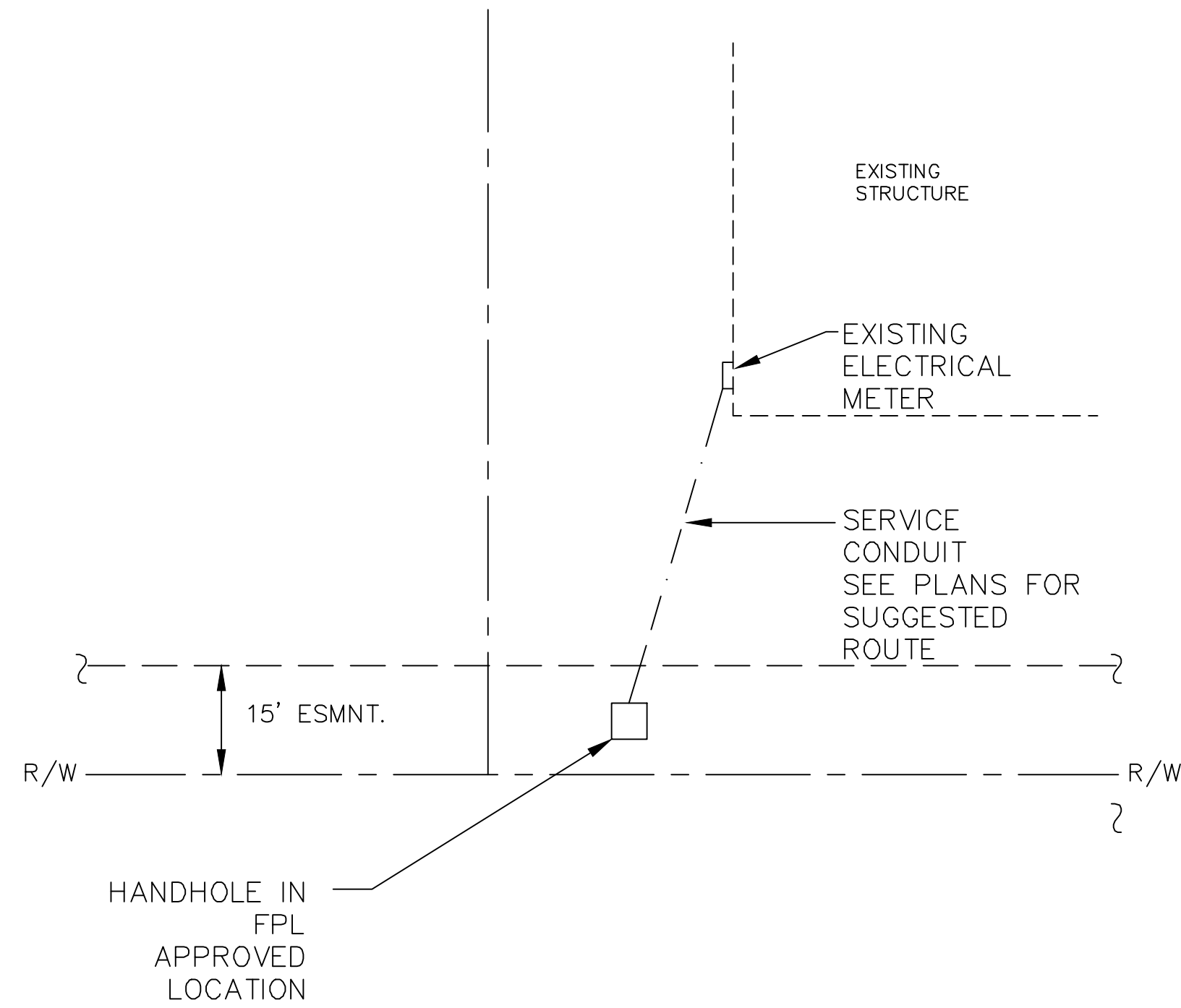
**E-205**

\\CORP.MEADHUNT.COM\SHARED\FOLDERS\ENR\1000717\222018.01\TECH\CAD\ELECTRICAL DRAWINGS\ELECTRICAL PLANS.DWG 3/11/2025 8:22:14 AM

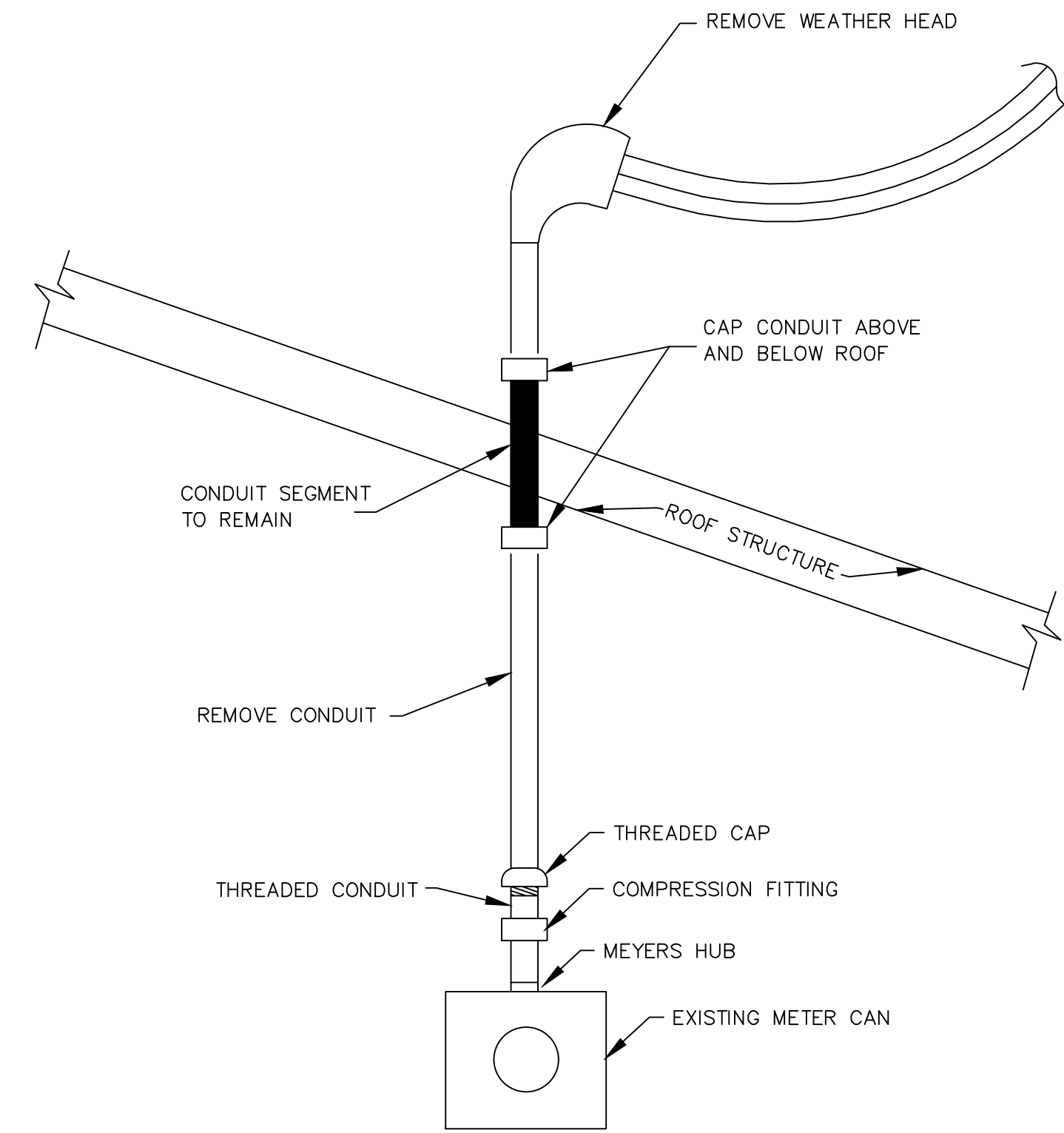




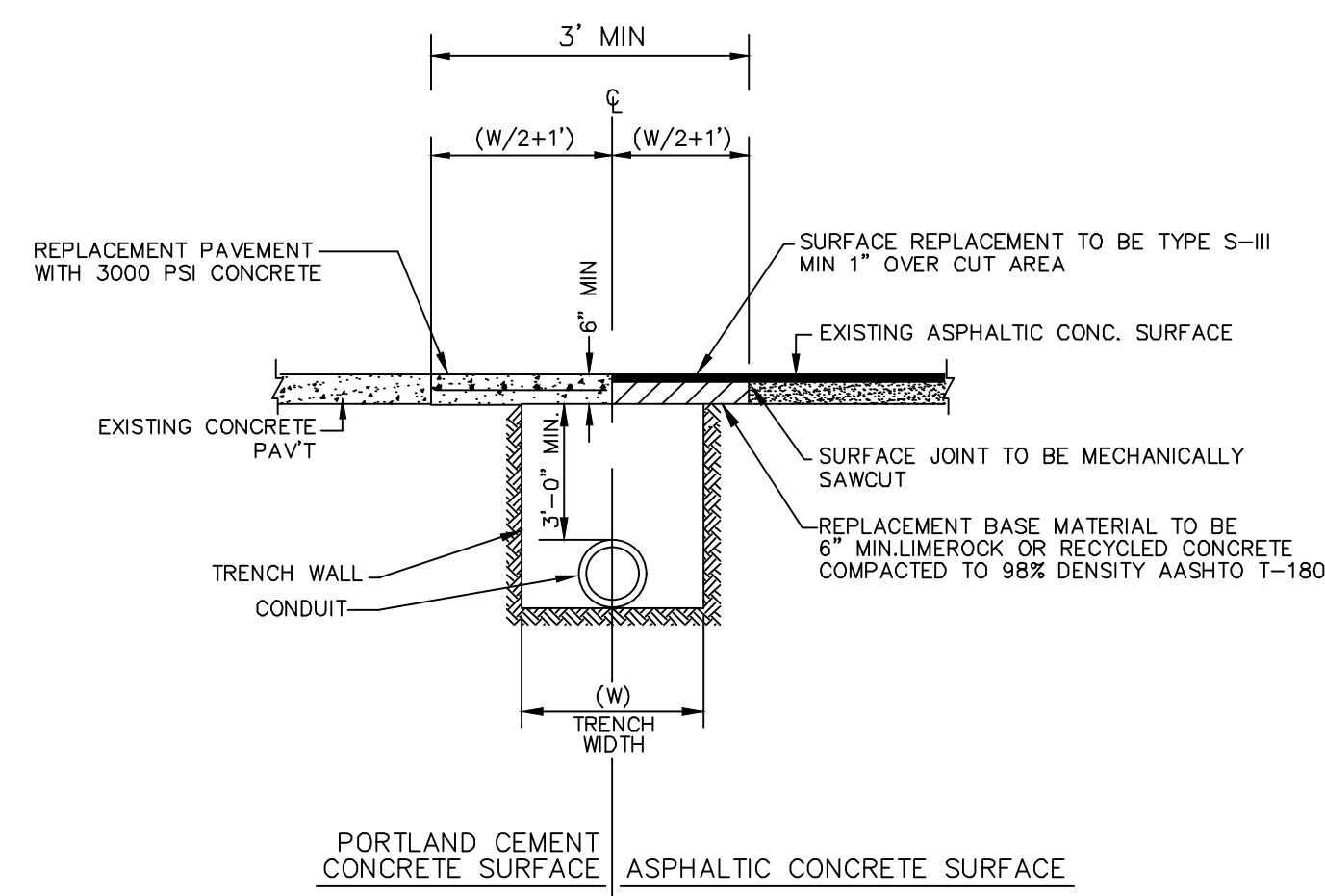
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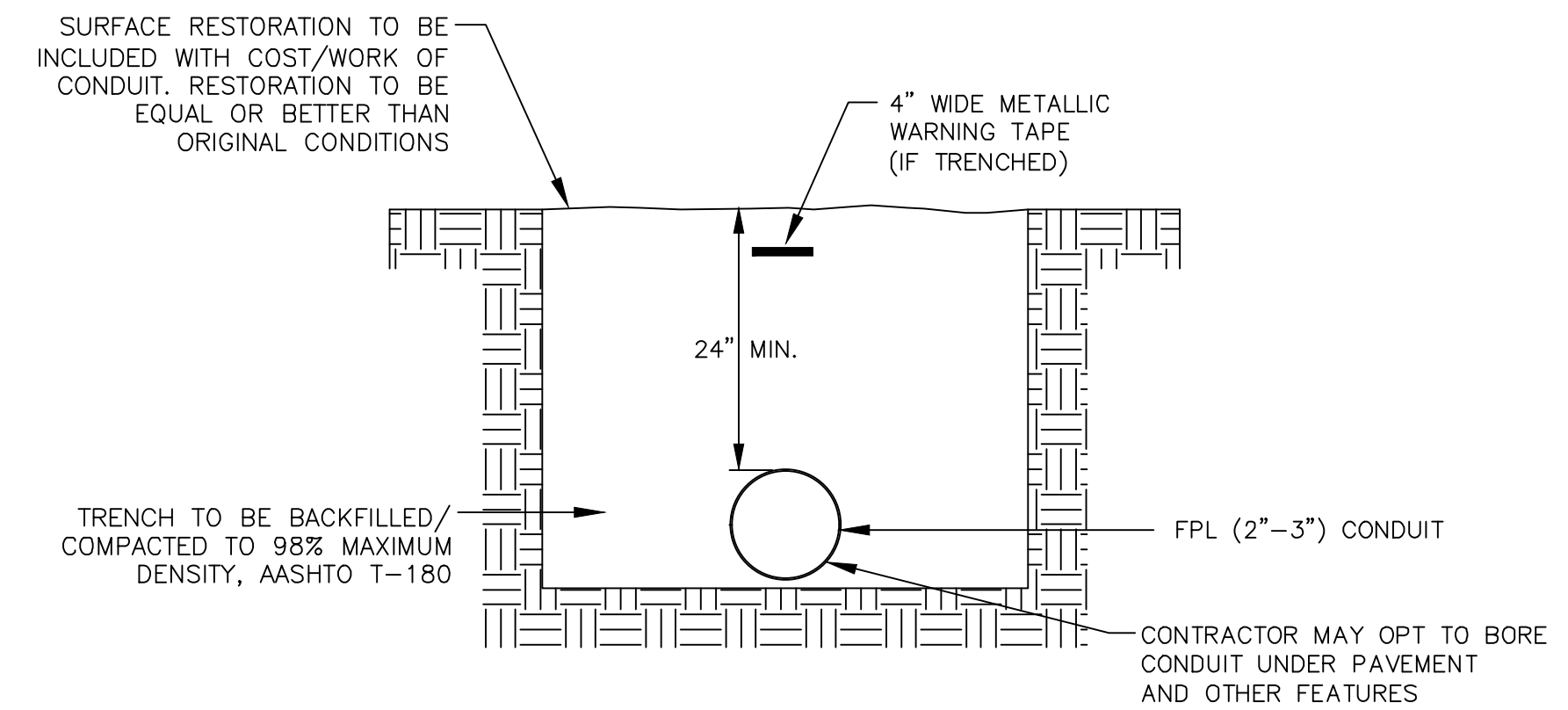
**3** TYPICAL INDIVIDUAL SERVICE CONDUITS  
NTS



**1** EXISTING OVERHEAD SERVICE REMOVAL  
NTS



**4** PAVEMENT TRENCH RESTORATION DETAIL  
NTS



**2** TYPICAL OPEN-CUT SERVICE CONDUIT TRENCH  
NTS

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SHEET CONTENTS  
ELECTRICAL DETAILS

SHEET NO.

E-501