CUSTOMER ENGINEERING
RESIDENTIAL DEVELOPMENT

CPS ENERGY

CONSTRUCTION COMPLETED

BY:

DATE:

CONST CTR:

FERG MAP PAGE 576, C1

URD ELECTRIC DESIGN				PROJ # A-0012
WORK REQUEST NO	WORK REQUEST TITLE / ADDRESS			
41024493	PRESERVE AT CULEBRA UNIT 11 / URD			
PLANNED BY	PHONE	CELL	DATE PLANNED	NOTES
R FTAITI	3735	210-383-0376	06/27/25	59 LOTS
REVIEWED BY	PHONE	CELL	DATE REVIEWED	
S BLAIN	6867	210-415-8573	07/01/25	
PAGE				
SERVICE CENTER				
SWD				PD11668-82_JH
X,Y GRID COORDINATES			CIRCUIT NO	SCALE
X 2034172.000000	Y 13731950.000000		W122	1 " = 100 '

BURIED FACILITIES

	CATV	WATER	TELEPHONE	SEWER	ELECTRIC	GAS	OTHER
CLEAR	☐	☐	☐	☐	☐	☐	☐
NOTED ON SKETCH	☐	☐	☐	☐	☐	☐	☐

COPIES | TOTAL

STATE OF TEXAS
DANA L. CUTTER
97400
LICENSED PROFESSIONAL ENGINEER

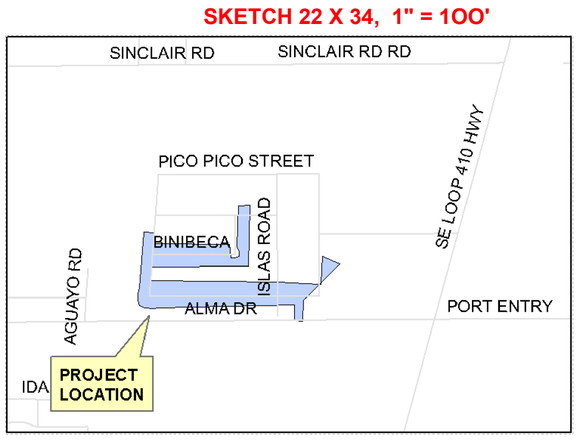
7/28/2025

PAPE-DAWSON ENGINEERS
FIRM REGISTRATION #470

ASSOCIATED WITH:
OH WR# 41034880
STLT WR# 41036591

"ATTENTION FOREMAN"
PLEASE CONTACT SUPERVISOR PRIOR TO ENERGIZING!!

SKETCH 22 X 34, 1" = 100'



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LOCATION MAP

NOTE TO DEVELOPER:

1. DEVELOPER IS RESPONSIBLE FOR COORDINATING WITH CPS PRIOR TO THE INSTALLATION OF DRAINAGE STRUCTURES TO ENSURE PROPER COVERAGE REQUIREMENTS CAN BE MAINTAINED FOR CPS FACILITIES. SLEEVES AND/OR CONCRETE ENCASEMENT MAY ALSO BE A REQUIREMENT OF THE DEVELOPER.

2. SEE CIVIL ENGINEERING OVERALL UTILITY AND DRAINAGE PLANS FOR THE LOCATION OF UTILITIES AND DRAINS IN THE CONSTRUCTION AREA.

3. FOREMAN TO LOCATE ALL BURIED UTILITIES.

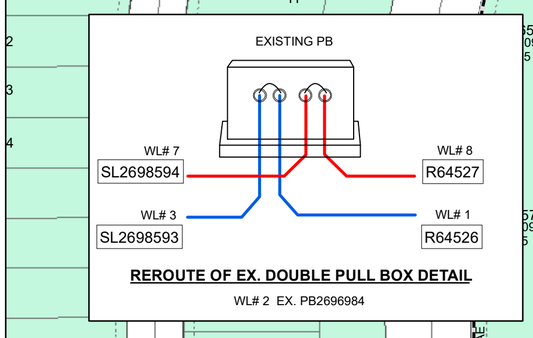
FOR MISSING PINS CALL ENGINEER

ENGINEER: PAPE-DAWSON ENGINEERS
ADDRESS: 2000 NW LOOP 410
PHONE: 210-375-9000
CONTACT: BECKY CARROLL, P.E.

DEVELOPER: KB HOME LONE STAR, INC
ADDRESS: 4800 FREDERICKSBURG
PHONE: 210-301-2815
CONTACT: JASON TOWNSLEY

A STORMWATER PERMIT IS ACTIVE FOR THIS CONSTRUCTION SITE. PLEASE CALL STORMCON ENVIRONMENTAL AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBANCE.

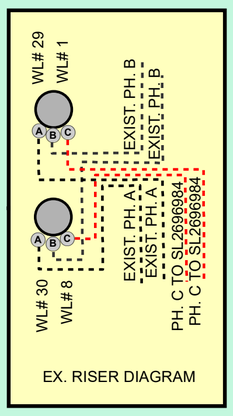
STORMCON POC: BRANDON BAXTER
210-771-1221 (CELL) brandon@stormcon.us



REROUTE OF EX. DOUBLE PULL BOX DETAIL

WL# 29
R64507
PH: A
FUSE W/ 65K
KVA: 500 (EX.)
KVA: 200 (ADD)
KVA: 700 (TOTAL)

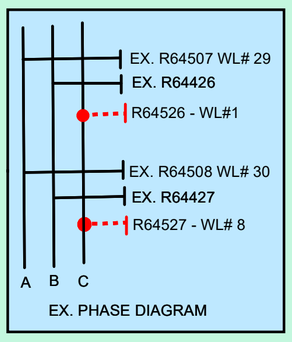
WL# 30
R64508
PH: A
FUSE W/ 65K
KVA: 400 (EX.)
KVA: 200 (ADD)
KVA: 600 (TOTAL)



EX. RISER DIAGRAM

WL# 1
R64526
TO: SL2698592
PH: C
FUSE W/ 40K
KVA: 200

WL# 8
R64527
TO: SL2698594
PH: C
FUSE W/ 40K
KVA: 300



EX. PHASE DIAGRAM

PROJECT NAME: PRESERVE AT CULEBRA UNIT 11 | **# OF LOTS / # OF UNITS:** 59 / 59

DIRT: X | ROCK: | # OF SE6D: 24 | KVA PER LOT / TOTAL KVA: 19 / 1800 | HOME SQ FT: 2400

TOTAL TRENCH FOOTAGE: JOINT (ELEC & GAS): | ELEC. ONLY: 2790 | GAS ONLY:

STREET CROSSINGS: CUSTOMER SLEEVES: X | CPS TRENCH/FLOWABLE FILL: | TOTAL CROSSINGS: 14

 # OF STREETLIGHTS: 100W: 3 | 250W: | UNINCORPORATED: X | CITY: | ANSL:

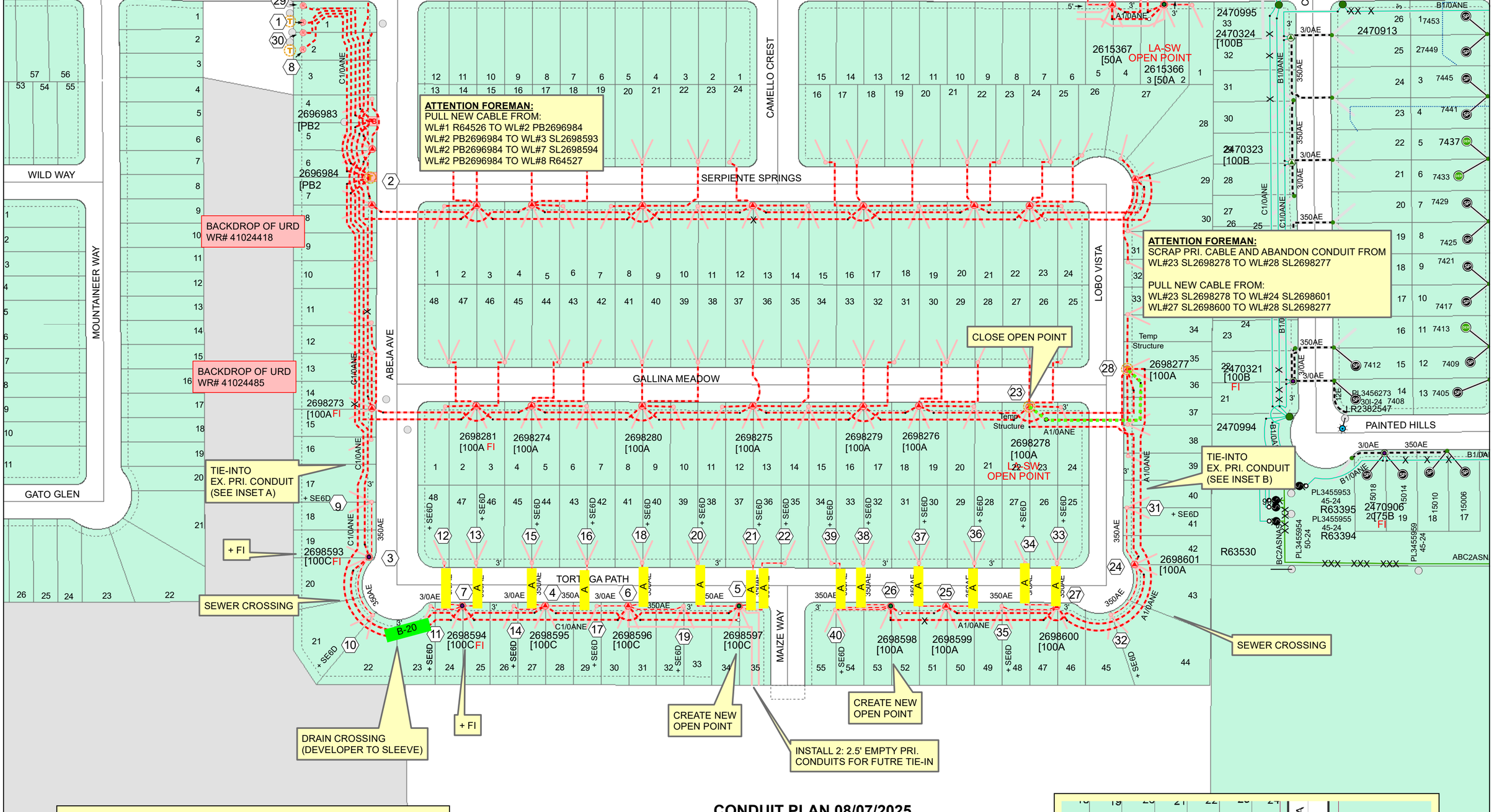
 # OF URD PADMOUNT TRANSFORMERS:

GY:		HV:	
	:50KVA		:50KVA
	:75KVA		:75KVA
	:100KVA	9	:100KVA
	:167KVA		:167KVA
	:250KVA		:250KVA

* ANY FOREIGN UTILITY OTHER THAN CPS ENERGY WILL BE REQUIRED TO MAINTAIN A MINIMUM OF 6' (FT) PARALLEL SEPARATION FROM ANY CPS ENERGY INFRASTRUCTURE

* CPS ENERGY APPROVES THIS DRAWING FOR THIS PROJECT ONLY. CPS ENERGY RESERVES THE RIGHT TO APPROVE OR REJECT ANY DEVIATIONS ON ANY FUTURE PROJECTS

"ATTENTION"
DEVELOPERS / ENGINEERS / CONTRACTORS
WHEN TRENCHING IS IN FRONT LOT CONSTRUCTION, WATER &/OR SEWER SERVICES ARE NOT TO BE PLACED UNTIL CPS ENERGY FACILITES ARE INSTALLED
WHEN TRENCHING IN RIGHT OF WAY, WATER & SEWER SERVICES WILL NEED TO BE ROLLED BACK &/OR OUT OF CPS ENERGY TRENCHLINE
CPS ENERGY WILL NOT BE LIABLE
FOR ANY DAMAGES TO WATER &/OR SEWER SERVICES WHERE CPS ENERGY AND SEWER/WATER SERVICES/MAIN ARE CROSSING STREET CPS ENERGY REQUIRES A MINIMUM OF 6' (FT) OF HORIZONTAL SEPARATION (when paralleling) AND 1' (FT) VERTICAL SEPARATION (when crossing) TO AVOID CONFLICTS



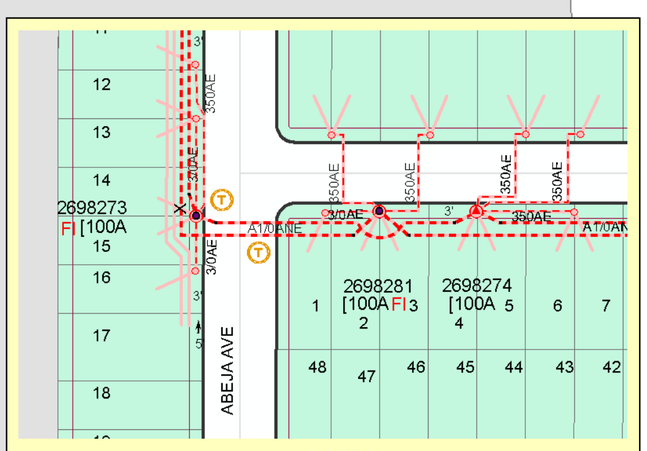
CONDUIT PLAN 08/07/2025

'A' CROSSING: 1~6" PVC (SCH 80)
2~4" PVC (SCH 40)

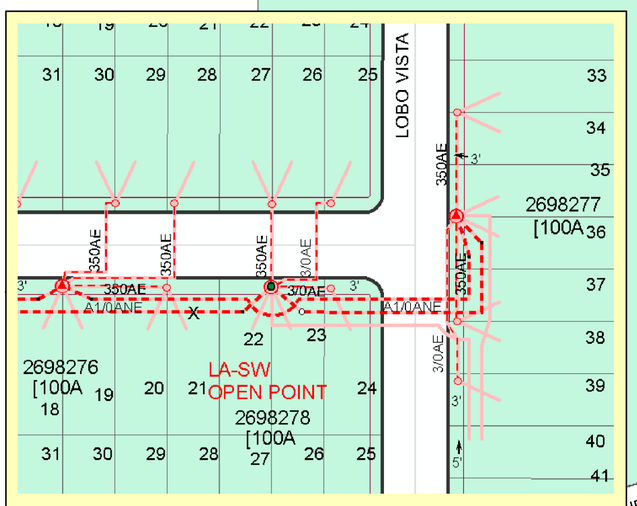
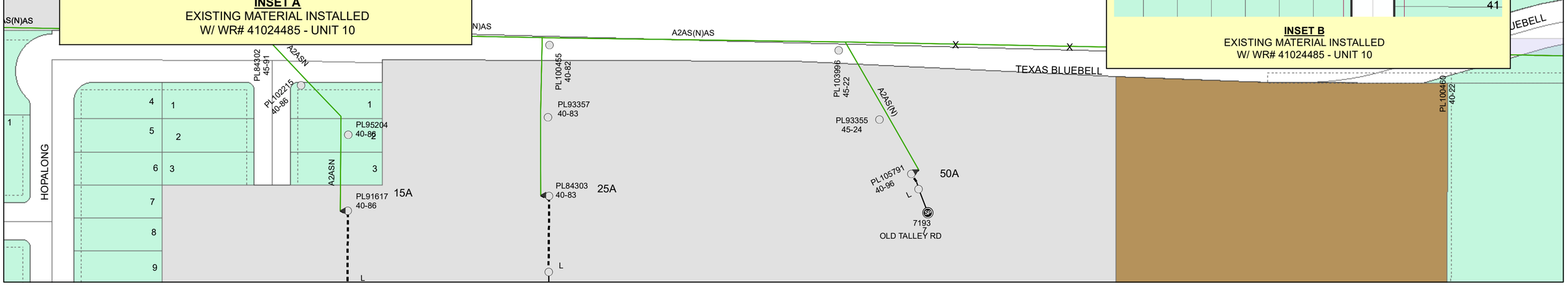
'B' CROSSING: 2~6" PVC (SCH 80) - 2 ELEC
2~4" PVC (SCH 40)

NO GAS

NOTES:
1. ALL CONDUIT SLEEVES TO BE EXTENDED TO FULL WIDTH OF RIGHT OF WAY (50 L.F. FOR LOCAL A) AND (60 L.F. FOR LOCAL B).
2. DRAIN CROSSING LENGTHS TO BE NOTED ON THE PLAN VIEW.
3. DEVELOPER DRIVEN CONDUIT BUNDLES FOR IRRIGATION OR PRIVATE STREET LIGHTS ARE SHOWN ON THE OVERALL UTILITY PLAN.
4. CONDUIT SLEEVE LOCATIONS SHOWN ARE SCHEMATIC ONLY. EXACT LOCATIONS TO BE DETERMINED BY CONTRACTOR.
5. ALL CONDUITS TO BE USED FOR ELECTRIC OR GAS UTILITY CROSSINGS SHALL BE INSTALLED TO MEET OR EXCEED DESIGN REQUIRMENTS FOR THE UTILITY WHICH THEY ARE SERVING, INCLUDING BUT NOT LIMITED TO THE DEPTH, TRENCH PLACEMENT, AND PROXIMITY TO OTHER UTILITIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING AND INSTALLING CONDUIT SLEEVES TO MEET THESE SPECIFICATIONS



INSET A
EXISTING MATERIAL INSTALLED
W/ WR# 41024485 - UNIT 10



INSET B
EXISTING MATERIAL INSTALLED
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