

**GENERAL NOTES:**

- E.C. TO LABEL EACH RECEPTACLE, DISCONNECT AND EXHAUST FAN SWITCH WITH CIRCUIT NUMBER AND INTENDED USE.
- ALL PHONE LINES TO BE GROUNDED. PROVIDE 120V SERVICE W/ ISOLATED GROUND RECEPTACLE AND SINGLE POINT GROUNDING FOR D.E.C.S.A.S.I. EQUIPMENT. ALL BELLS SHALL BE 2-TONE. TRASH DOOR BELL SHALL BE DIFFERENT FROM DELIVERY DOORS. SEE SECURITY PLAN.
- ALL OUTLETS & SWITCHES IN THE BUILDING AND CLOSET AREAS SHALL BE LABELED WITH PANEL & CIRCUIT NUMBERS. RECEPTACLES AT COFFEE/STEP UP COUNTER & FOOD SERVICE COUNTER SHALL ALSO BE LABELED TO IDENTIFY EQUIPMENT SERVED. A PROFESSIONAL LABEL MAKER SHALL BE UTILIZED FOR ALL LABELS. SEE DETAIL THIS SHEET.
- BELLS, BUZZERS, DELIVERY DOOR RELEASE, & ALL ASSOCIATED PUSH BUTTONS, SWITCHES, & WIRING ARE TO BE PROVIDED BY ALARM SYSTEM CONTRACTOR.
- ALL RECEPTACLES FED FROM PANEL "RPU" SHALL BE GRAY IN COLOR AND ISOLATED GROUND TYPE RECEPTACLES. HUBBELL #G5362G OR APPROVED EQUAL.
- ALL RECEPTACLES FED FROM PANEL "RPO" SHALL BE ORANGE IN COLOR AND ISOLATED GROUND TYPE RECEPTACLES. HUBBELL #G5362G OR APPROVED EQUAL.
- ALL GFI RECEPTACLES SHALL BE DUPLEX RECEPTACLES UNLESS OTHERWISE NOTED. LEVITON #6898-W OR APPROVED EQUAL. NO FEED THRU PROTECTION PERMITTED. SEE DETAIL THIS SHEET.
- WHERE WEATHERPROOF COVERS ARE DENOTED, PROVIDE "WHILE-IN-USE" COVERS EXCEPT AS CALLED FOR BY KEY NOTE 16.
- FOR DATA/TELEPHONE RECEPTACLES, E.C. TO PROVIDE BACK BOXES, CONDUIT AND PULLSTRINGS AS REQ'D. REFER TO E4 & E11 FOR MORE INFORMATION.
- ALL RECEPTACLES SHALL BE MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.
- LIGHTING AND POWER BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE IN PANEL SCHEDULES OR ON PLANS.
- THESE ELECTRICAL PLANS HAVE BEEN DESIGNED AND THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE 2008 VERSION OF THE NATIONAL ELECTRICAL CODE.
- ALL FINAL CONNECTION TO THE REFRIGERATION DOOR HEATERS AND REFRIGERATION LIGHTS ARE RESPONSIBILITY OF THE G.C.

**KEYNOTES:**

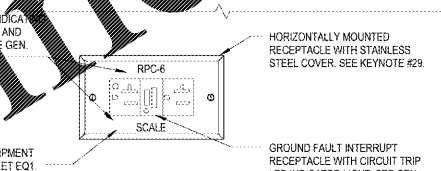
- NOT USED.
- ELECTRICAL CONTRACTOR SHALL INSTALL (1) 2"x4" BACKBOX AT 48" WITH CONDUIT AND PULL STRING TO ABOVE CEILING FOR TELEPHONE/LANDLINE. PROVIDE CLEAR, PERMANENT LABEL AT THIS PHONE STATION "911 EMERGENCY USE ONLY".
- NOT USED.
- NO RECEPTACLES SHALL BE INSTALLED IN ELECTRIC SAFE AREA. ALL WIRING IN CHECKOUT AREA TO BE MC CABLE AND INSTALLED WITHIN PANDUIT, SUPPLIED BY OTHERS.
- THIS RECEPTACLE SHALL BE WATERPROOF (WP). PROVIDE "WHILE IN USE" COVER.
- NOT USED.
- FOR EXACT LOCATION OF ALL DEVICES IN MANAGER'S OFFICE, SEE ARCHITECTURAL INTERIOR ELEVATIONS SHEET.
- FOR EXACT LOCATION OF ALL DEVICES IN ELECTRICAL ROOM, SEE ARCHITECTURAL DRAWINGS AND E6.
- E.C. SHALL INSTALL (1) 2"x4" BACK BOX FOR (1) DATA OUTLET MOUNTED AT 42" AFF FOR THE TIME CLOCK. INSTALL CONDUIT AND PULL STRING TO ABOVE CEILING FROM DATA J-BOX.
- VEEDER ROOT PANEL PROVIDED BY GASOLINE CONTRACTOR.
- E.C. SHALL FURNISH AND INSTALL ALL NECESSARY EMERGENCY STOP AND E-STOP RE-SET BUTTONS. AN E-STOP SHALL BE LOCATED IN THE CHECKOUT, BUILDING ENTRANCE, BUILDING EXTERIOR AND ONE ON THE FAR SIDE OF THE GAS CANOPY.
- E.C. SHALL PROVIDE 120V FEED TO FLUSH VALVE TRANSFORMERS MOUNTED TO WALL ABOVE CEILING. PROVIDE TERMINATIONS FOR ALL FLUSH VALVE WIRING ROUTED TO TRANSFORMERS. E.C. TO PROVIDE ANY REQUIRED BACK BOXES AND CONDUIT. WIRING FROM TRANSFORMERS TO VALVES BY PLUMBING CONTRACTOR.
- PROVIDE PRINTER RECEPTACLE AND DATA OUTLET IN A COMMON 2-GANG BOX WITH DIVIDER. PROVIDE A SUITABLE 2-GANG COVER PLATE FOR DEVICES.
- FOOD SERVICE/COFFEE BACKWALL RECEPTACLES LOCATED ABOVE COUNTER, DUPLEX GFI OR SIMPLEX SHALL BE PROVIDED WITH STAINLESS STEEL COVER PLATES AND SHALL BE MOUNTED IN HORIZONTAL POSITION AT 42" AFF. SEE 2/E1.
- W/F CONDENSATE HEAT TRACE WILL BE 220V FEE OFF FAN COIL CIRCUIT BY REFRIGERATION CONTRACTOR.

- E.C. TO PROVIDE DUPLEX GFI RECEPTACLES WITH RED DOT CODE. KEEPER FLUSH MOUNTED ZINC WEATHERPROOF COVER. NO FEED THRU PROTECTION PERMITTED.
- MOUNT THE GASOLINE EMERGENCY SHUT-OFF PUSH BUTTON 2" BACK FROM FACE OF CABINET. MOUNT UNDER COUNTER TOP.
- E.C. SHALL INSTALL AN ISOLATED GROUND (IG) DUPLEX RECEPTACLE IN SINGLE-GANG BOX MOUNTED DIRECTLY TO CONDUIT STUB-UP AT THIS LOCATION. (SEE SHEET E3).
- NOT USED.
- PROVIDE WET LOCATION, CORROSION-RESISTANT, DIE CAST ALUMINUM, WHILE-IN-USE COVER, THOMAS & BETTS, RED DOT CODE KEEPER, SINGLE GANG MODEL, CAT. NO. CKLSVU. (EXTERIOR LOCATIONS)
- PROVIDE 2"x4" OUTLET BOXES. CIRCUIT FOR THIS SIMPLEX RECEPTACLE PASSES THRU FILTER PROVIDED BY SIGN CONTRACTOR. E.C. TO COORDINATE INSTALLATION WITH SIGN CONTRACTOR. SEE DETAIL 2/E7.
- E.C. SHALL FLUSH MOUNT ABOVE COUNTER RECEPTACLE ON THIS WALL AT 48" AFF. SEE ELEVATION ON SHEET E5.
- E.C. SHALL FLUSH MOUNT ABOVE COUNTER RECEPTACLE ON THIS WALL AT 48" AFF. PROVIDE 15-30R RECEPTACLE FOR COMPUTER SERVER, MOUNTED AT 60" AFF. SEE ELEVATION ON SHEET E5.
- RECEPTACLE TO BE CENTERED BEHIND MONITOR OR SIGNAGE. SEE SHEET G1 FOR EQUIPMENT LOCATION AND MOUNTING HEIGHT. CONCEAL POWER AND DATA CORDS BEHIND EQUIPMENT.
- E.C. TO PROVIDE BACK BOX, CONDUIT AND PULL STRING FOR FIRE/SECURITY SYSTEM. SEE SHEETS E5 AND E10 FOR MORE INFORMATION.
- INSTALL 18 AWG GREEN INSULATED COPPER GROUND WIRE. CONNECT TO MAIN SERVICE ENTRANCE GROUND. LEAVE 18" LOOP.
- OUTLET TO BE MOUNTED UNDER COUNTER IN MILLWORK.
- PROVIDE JUNCTION BOX FOR UPS UNIT MOUNTED AT 24" AFF. SEE SHEET E6.
- PROVIDE JUNCTION BOX FOR UPS UNIT MOUNTED AT 30". SEE SHEET E6.
- ALL RECEPTACLES IN THE FOOD SERVICE AREA SHALL BE MOUNTED HORIZONTALLY. COORDINATE ALL RECEPTACLE LOCATIONS WITH THE FOOD SERVICE EQUIPMENT BEING INSTALLED.

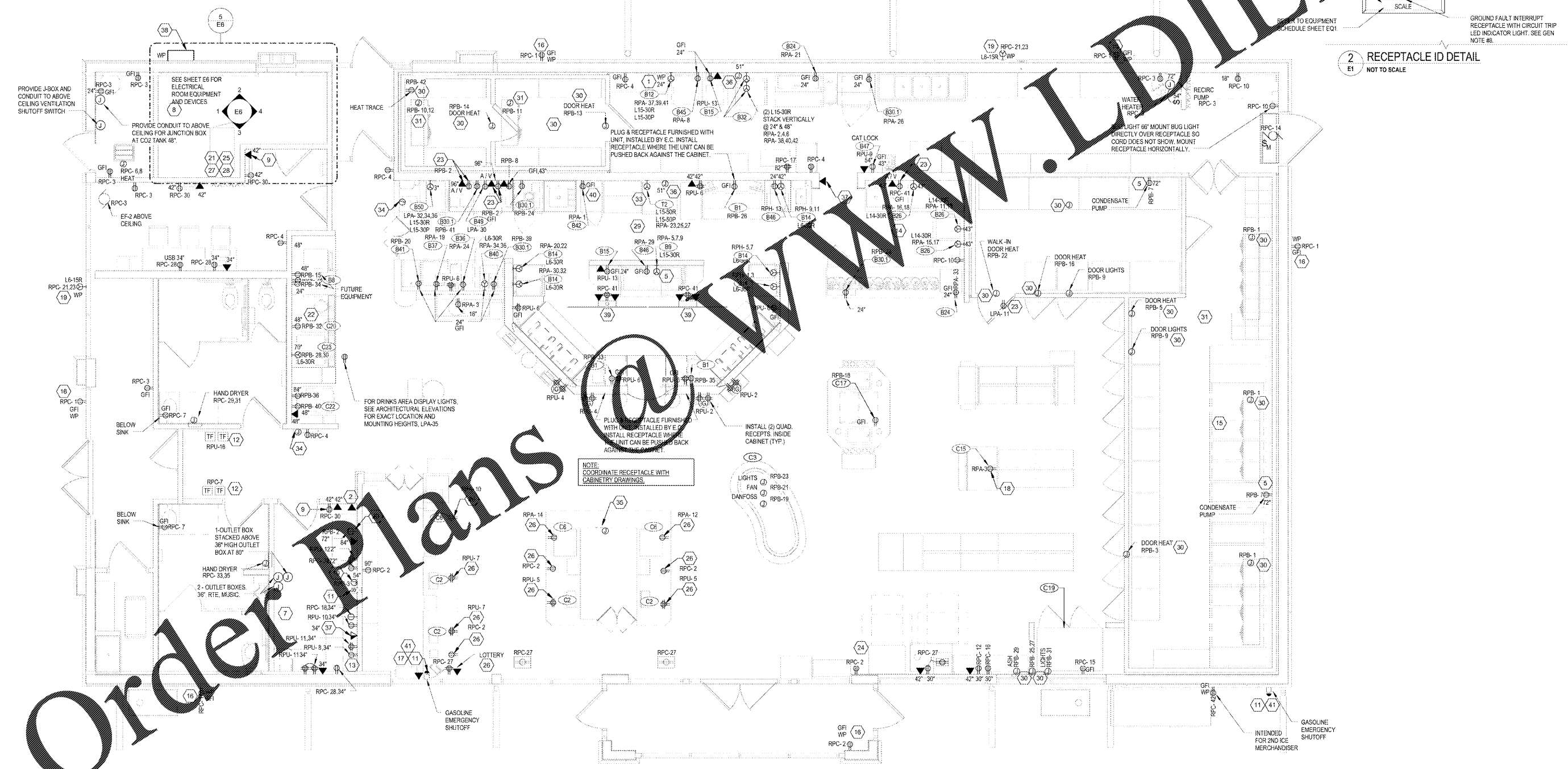
- E.C. TO LEAVE 18" COIL OF WIRE IN CEILING SPACE FOR THIS CIRCUIT. COORDINATE EXACT LOCATION WITH REFRIGERATION CONTRACTOR. G.C. TO PROVIDE FINAL CONNECTION.
- NOT USED.
- PROVIDE PLUG, RECEPTACLE AND SUITABLE COVER FOR CONNECTION OF OVEN CABLE. REVIEW OVEN INSTALLATION DETAILS AND COORDINATE EXACT REQUIREMENTS FOR FINAL CONNECTION.
- E.C. TO INSTALL (2) 2"x4" BACK-BOXES AT 54" AFF WITH CONDUIT AND PULL STRING TO CEILING FOR HVAC SENSORS. COORDINATE MOUNTING WITH WAWA PROJECT MANAGER.
- E.C. TO INSTALL 2"x4" BACK-BOX WITH CONDUIT AND PULLSTRING TO CEILING FOR BAS CONNECTION TO OVENS).
- E.C. TO INSTALL (2) 2"x4" BACK-BOXES AT HEIGHT GIVEN ON PLAN WITH CONDUITS AND PULL STRING TO CEILING FOR TELEPHONE.
- PORTABLE GENERATOR CONNECTION BOX. SEE DETAIL ON SHEET E6. ALSO, SEE SINGLE LINE DIAGRAM SHEET E7 FOR MORE INFORMATION.
- SURFACE MOUNT RECEPTACLE AND DATA TO MOUNTING BRACKET BEHIND DIGITAL MONITORS. RUN FLEX METAL CONDUIT FROM ABOVE CEILING DOWN TO RECEPTACLE. RUN DATA AND POWER CABLES AND FLEX CONDUIT DOWN FROM CEILING IN SUPPORT PIPE. PROVIDE 10" OF SLACK IN CABLES AND FLEX CONDUIT ABOVE CEILING. PLUG (2) GOOSE SIGNS AT EACH END OF MONITORS AT EACH END RECEPTACLE. REFERENCE ARCHITECTURAL DETAIL.
- GFCI RECEPTACLE FOR ROLLING BACK TIMER, 54" AFF. EQUIPMENT #B42.
- PROVIDE DISCONNECT WITH ACCESSIBLE COVER TO PREVENT ACCIDENTAL SHUT-OFF.

**LEGEND**

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|--|--|--|---|
|  | GASOLINE EMERGENCY SHUT-OFF PUSH BUTTON PROVIDED BY ELECTRICAL CONTRACTOR  |  | CONNECTION POINT. ELECTRICAL CONNECTIONS TO BE MADE AT EQUIPMENT AS REQUIRED. |
|  | GASOLINE EMERGENCY SHUT-OFF RESET PUSH BUTTON INSTALLED IN MANAGER'S OFFICE BELOW VEEDER ROOT AND ON CONTRACTOR PANEL FOR RPD. |  | JUNCTION BOX  |
|  | SINGLE RECEPTACLE  |  | GFI   |
|  | DUPLEX RECEPTACLE  |  | IG  |
|  | QUADRUPLIX RECEPTACLE ON DEDICATED CIRCUIT   |  | WP  |
|  | ISOLATED GROUND RECEPTACLE   |  | DISCONNECT SWITCH   |
|  | DUPLEX RECEPT. (FLOOR MOUNTED)   |  | TELEPHONE/DATA OUTLET (SEE GEN. NOTE #10)                                     |
|  | DUPLEX RECEPT. (CEILING MOUNTED)   |  | BANK OF TELEPHONE OUTLETS (SEE GEN. NOTE #10)                                 |
|  | TWIST LOCK STRAIGHT BLADE DEDICATED RECEPTACLE   |  | #3-4/15 JACK (COMPUTER)   |
|  | TRANSFORMER BELL/BUZZER (SEE GEN. NOTE 5)  |  | #4-R.O.1 (COMPUTER)   |
|  | TRANSFORMER - FLUSH VALVES (SEE KEYNOTE 12)  |  | EQUIPMENT NUMBER. SEE EQUIPMENT SCHEDULE.                                     |



**2 RECEPTACLE ID DETAIL**  
E1 NOT TO SCALE



**1 ELECTRICAL POWER PLAN**  
E1 1/4" = 1'-0"

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PROJECT NAME  
**WAWA**  
280 W BALTIMORE PIKE  
WAWA, VA 19063

PROJECT NO.  
**WAWA U45-FB-LVA-M v2017.01**

STORE #6661-STO  
Newtown Rd. & Stony Point St.  
Norfolk, VA

SHEET TITLE  
**ELECTRICAL POWER PLAN**

Revision Schedule	No.	Description	Date
PERMIT SET	05-11-2018		
PRE-BID REVIEW SET	01/09/2019		
BID SET	01/29/2019		

PROJECT NO. 270577  
DATE 05-11-18  
DRAWN M.L.S.  
CHECKED J.P.M.

**E1**