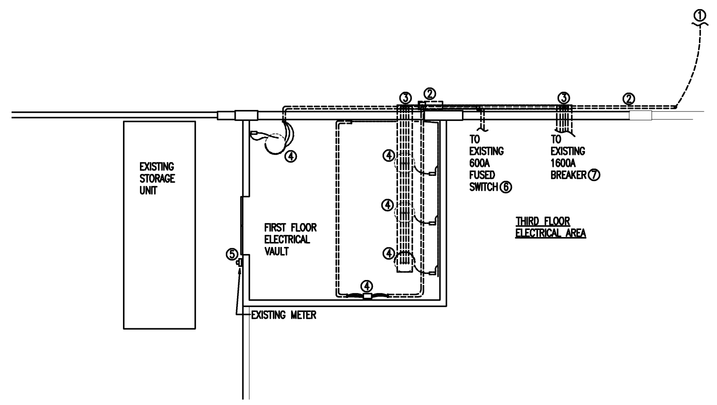
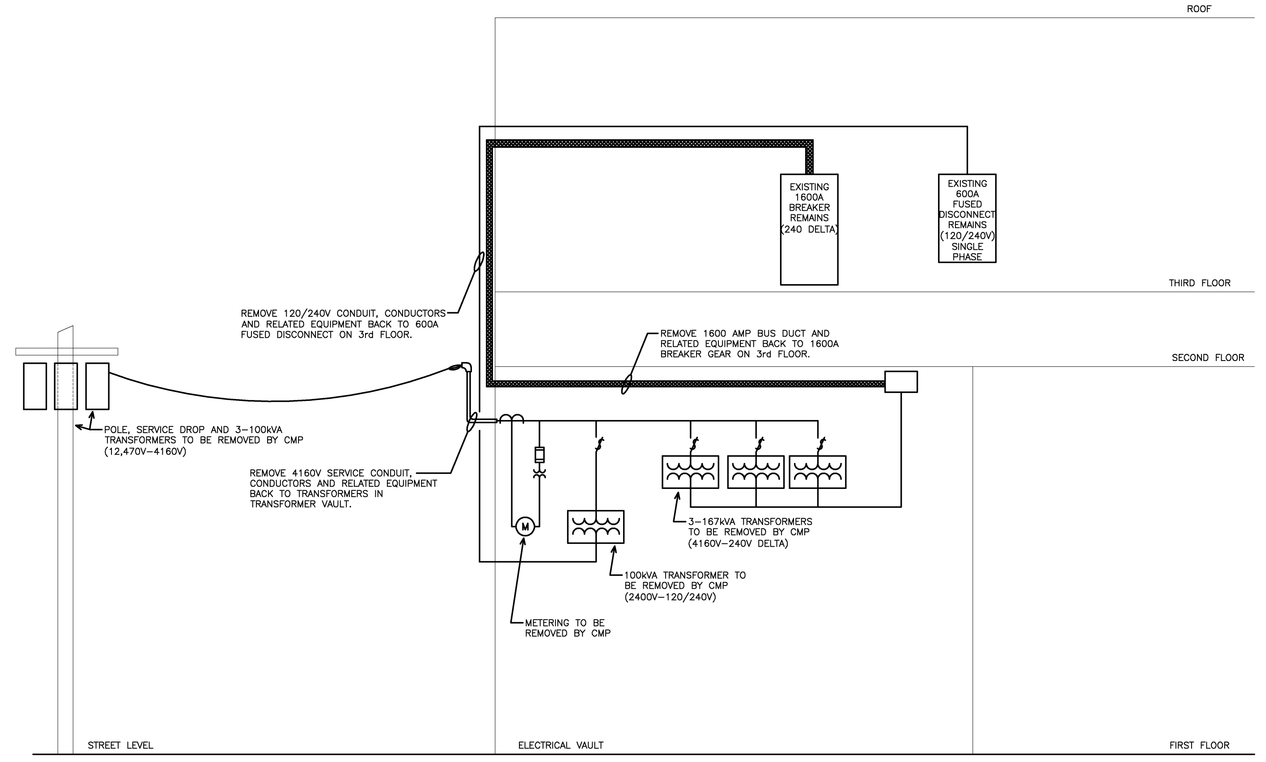
## DEMOLITION KEY NOTES

1. COORDINATE REMOVAL OF OVERHEAD CONDUCTORS TO POLE MOUNTED TRANSFORMERS WITH CMP.
2. REMOVE CONDUCTORS, PULL BOXES AND CONDUIT TO EXISTING VAULT.
3. REMOVE EXISTING CONDUIT, CABLE AND BUS DUCT SYSTEM TO ELECTRICAL EQUIPMENT ON 3rd FLOOR.
4. REMOVE EXISTING FUSED CUTOUTS, CT'S, PT'S, CONDUIT AND CONDUCTORS. COORDINATE WITH CMP. EXISTING TRANSFORMERS TO BE REMOVED BY CMP.
5. REMOVE EXISTING METER SOCKET, CONDUIT AND CONDUCTORS. COORDINATE WITH CMP.
6. REMOVE CONDUIT AND CONDUCTORS TO EXISTING 600A FUSED SWITCH. PROVIDE KNOCK-OUT BLANKS AND CLOSE HOLES IN EXISTING EQUIPMENT ENCLOSURES.
7. REMOVE EXISTING BUS DUCT TO INTERNAL BUS OF EXISTING 1600 AMP BREAKER. PROVIDE COVER PLATE FOR OPENING IN TOP OF BREAKER GEAR.




## DEMOLITION PLAN
SCALE: 1/8" 1'-0"




## EXISTING POWER RISER DIAGRAM
SCALE: NONE

PANEL: MDP — MOUNTING: SURFACE — VOLTAGE: 277/480, 3PH., 4W — BUS RATING: 600A MCB — A/C RATING: 22KAIC

| CKT. NO. | DESCRIPTION | VA | BKR. SIZE | A B C | BKR. SIZE | VA | DESCRIPTION | CKT. NO. |
|---|---|---|---|---|---|---|---|---|
| 1 | CB1 | | | | | | | 2 |
| 3 | T1 | 0 | 70 | | 100 | 0 | CB2 → T2 | 4 |
| 5 | 45kVA TO EXIST 1600A CB | | | | – | – | 37.5kVA TO EXIST 600A SWITCH | 6 |
| 7 | CB3 | | | | | | SPACE | 8 |
| 9 | T3 | 0 | 125 | | 30 | 0 | SURGE SUPPRESSOR | 10 |
| 11 | 75kVA | | | | | | | 12 |
| 13 | | | | | | | | 14 |
| 15 | SPACE | 0 | – | | – | 0 | SPACE | 16 |
| 17 | | | | | | | | 18 |
| 19 | | | | | | | | 20 |
| 21 | SPACE | 0 | – | | – | 0 | SPACE | 22 |
| 23 | | | | | | | | 24 |

PANEL LOCATION: 1st FLOOR — S/N

PANEL: P1 — MOUNTING: SURFACE — VOLTAGE: 120/208V, 3PH., 4W — BUS RATING: 225A MCB — A/C RATING: 10KAIC

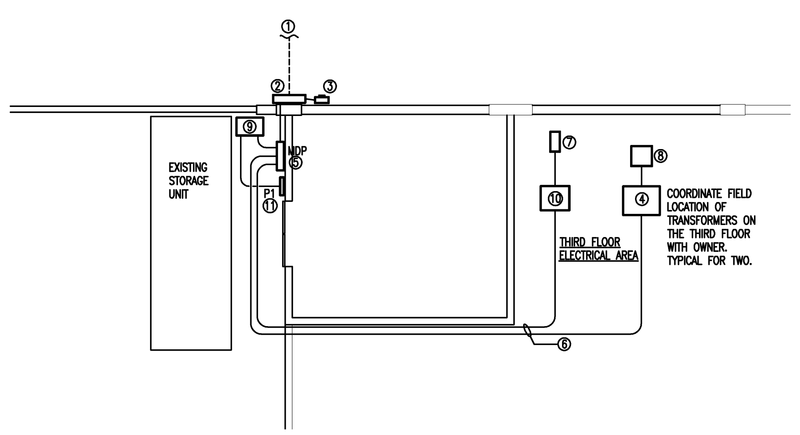
| CKT. NO. | DESCRIPTION | VA | BKR. SIZE | A B C | BKR. SIZE | VA | DESCRIPTION | CKT. NO. |
|---|---|---|---|---|---|---|---|---|
| 1 | SPARE | 0 | 20 | | 20 | 0 | SPARE | 2 |
| 3 | SPARE | 0 | 20 | | 20 | 0 | SPARE | 4 |
| 5 | SPACE | – | – | | – | – | SPACE | 6 |
| 7 | SPACE | – | – | | – | – | SPACE | 8 |
| 9 | SPACE | – | – | | – | – | SPACE | 10 |
| 11 | SPACE | – | – | | – | – | SPACE | 12 |
| 13 | SPACE | – | – | | – | – | SPACE | 14 |
| 15 | SPACE | – | – | | – | – | SPACE | 16 |
| 17 | SPACE | – | – | | – | – | SPACE | 18 |
| 19 | SPACE | – | – | | – | – | SPACE | 20 |
| 21 | SPACE | – | – | | – | – | SPACE | 22 |
| 23 | SPACE | – | – | | – | – | SPACE | 24 |
| 25 | SPACE | – | – | | – | – | SPACE | 26 |
| 27 | SPACE | – | – | | – | – | SPACE | 28 |
| 29 | SPACE | – | – | | – | – | SPACE | 30 |
| 31 | SPACE | – | – | | – | – | SPACE | 32 |
| 33 | SPACE | – | – | | – | – | SPACE | 34 |
| 35 | SPACE | – | – | | – | – | SPACE | 36 |
| 37 | SPACE | – | – | | – | – | SPACE | 38 |
| 39 | SPACE | – | – | | – | – | SPACE | 40 |
| 41 | SPACE | – | – | | – | – | SPACE | 42 |

PANEL LOCATION: 1st FLOOR — S/N — TOTAL CONNECTED LOAD 0 AMPS

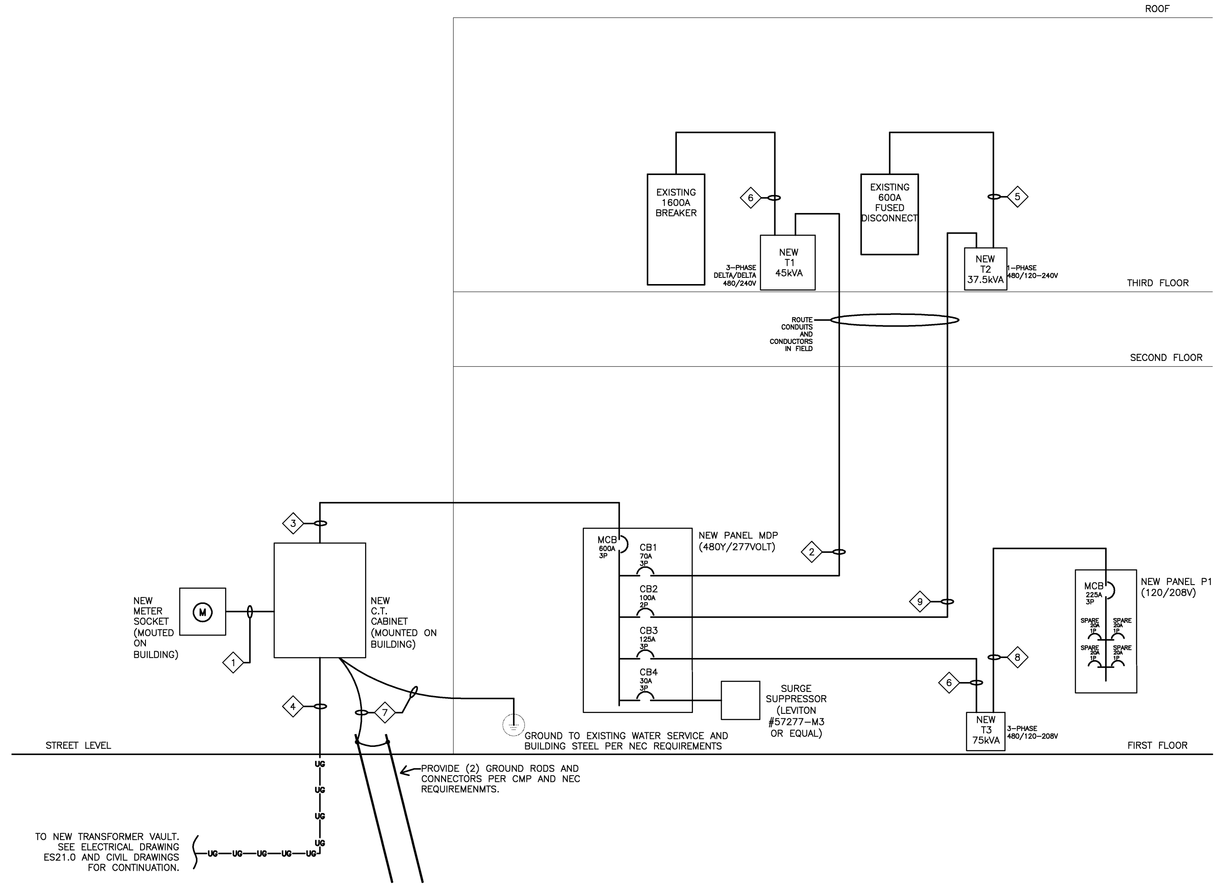
## PANEL SCHEDULES
SCALE: NONE

## NEW WORK KEY NOTES

1. UNDERGROUND CONDUIT TO NEW TRANSFORMER VAULT. SEE SITE PLAN ES21.0 AND CIVIL PLAN C202.
2. NEW CURRENT TRANSFORMER CABINET (PER CMP REQUIREMENTS).
3. NEW SERVICE METER SOCKET ENCLOSURE (PER CMP REQUIREMENTS).
4. NEW 45kVA TRANSFORMER. COORDINATE FINAL LOCATION ON THIRD FLOOR WITH OWNER.
5. NEW 600A MAIN DISTRUBUTION PANEL. SEE SCHEDULE.
6. NEW CONDUITS TO THIRD FLOOR ELECTRICAL AREA. ROUTE IN FIELD. COORDINATE WITH OWNER.
7. PROVIDE LUGS AND CONNECT NEW CONDUCTORS TO EXISTING 600A FUSED DISCONNECT.
8. PROVIDE LUGS AND CONNECT NEW CONDUCTORS TO EXISTING 1600A CIRCUIT BREAKER.
9. NEW 75kVA TRANSFORMER.
10. NEW 37.5kVA TRANSFORMER. COORDINATE FINAL LOCATION ON THIRD FLOOR WITH OWNER.
11. NEW PANEL "P1". SEE SCHEDULE.




## NEW WORK PLAN
SCALE: 1/8" = 1'-0"




## NEW POWER RISER DIAGRAM
SCALE: NONE

### NEW RISER DIAGRAM NOTES:

1. COORDINATE WITH CIVIL DRAWINGS AND ELECTRICAL SITE DRAWING ES21.0.
2. ALL SERVICE INSTALLATION SHALL COMPLY WITH CMP REQUIREMENTS

### NEW CABLE SCHEDULE:

1. 1-1/4" CONDUIT WITH PULL STRING FOR CMP'S USE.
2. 4-#4 CU & 1-#8 CU GROUND IN 1-1/4"" CONDUIT.
3. 2 SETS OF 4-350kCMIL CU & 1-#1 CU GROUND IN 2-3" CONDUITS.
4. 2 SETS OF 4-350kCMIL CU & 1-#1 CU GROUND IN 2-4" CONDUITS AND 1-SPARE 4" CONDUIT.
5. 3-#2/0 CU & 1-#6 CU GROUND IN 2" CONDUIT.
6. 3-#1 CU & 1-#6 CU GROUND IN 1-1/4" CONDUIT.
7. 2/0 CU GROUNDING ELECTRODE CONDUCTOR IN 3/4" PVC CONDUIT.
8. 4-#4/0 CU & 1-#4 CU GROUND IN 2-1/2" CONDUIT.
9. 3-#2 CU & 1-#8 CU GROUND IN 1-1/4" CONDUIT.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STATE OF MAINE — WILLIAM R. HARRIMAN — No. 7800 — LICENSED PROFESSIONAL ENGINEER

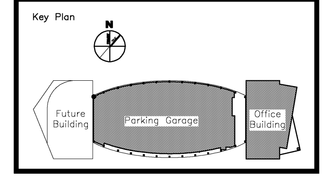
Project Title

**BAYCO LLC.**

**BAYSIDE DEVELOPMENT**
PORTLAND, MAINE

Project No. 08576

Key Plan




General Notes or Legends Here

| Mark | Date | Description |
|---|---|---|
| – | 1.07.09 | SITE ENABLING PACKAGE |
| | 12-19-08 | SITE ENABLING PACKAGE |

Issue Dates

Drawing Status

Drawing Title

**Noyes Building Riser Diagram Plan & Elevations**

PA / PE: WRH — Drawn By: RJB

Drawing Number

**E70.1**