

NOTES - PHASE 1:

1. ERECT CONSTRUCTION FENCING / HOARDING AROUND WORK SITE LIMIT. SET UP SITE CONSTRUCTION TRAILER(S), SITE STORAGE AREA, AND ARRANGE FOR AND PROVIDE TEMPORARY FACILITIES AND TEMPORARY UTILITY CONNECTIONS. CONDUCT UNDERGROUND SERVICES LOCATES.
2. REMOVE EXISTING TREES AS REQUIRED FOR NEW WORK AND EXCAVATE FOR NEW EMERGENCY GENERATOR CONCRETE PAD, RETAINING WALL, ELECTRICAL DUCTBANK / UNDERGROUND SERVICES.
3. EXISTING CHAINLINK FENCE ENCLOSURE AND WOOD DECK (TO REMAIN). NOTE: IF REMOVAL IS REQUIRED TO COMPLETE THE WORK, REINSTATE ENCLOSURE AND DECK TO MATCH EXISTING.
4. INSTALL NEW POURED CONCRETE RETAINING WALL AND POURED CONCRETE PAD FOR EMERGENCY GENERATOR.
5. EXTEND BURIED ELECTRICAL DUCTBANK FROM EMERGENCY GENERATOR PAD TO END WALL OF LOADING AREA. RUN ELECTRICAL CONDUITS UP VERTICAL FACE OF EXTERIOR WALL TO INTERSTITIAL SPACE. EXTEND ELECTRICAL CONDUITS THROUGH INTERSTITIAL SPACE TO EXISTING ELECTRICAL ROOM. COORDINATE WITH METAL WALL PANEL INSTALLER.
6. INSTALL NEW EMERGENCY GENERATOR COMPLETE WITH WEATHERPROOF ENCLOSURE. INSTALL CONDUCTORS BETWEEN EMERGENCY PANEL AND EMERGENCY GENERATOR. INSTALL NEW EMERGENCY POWER ELECTRICAL DISTRIBUTION PANEL. COMMISSION SYSTEM.
7. EXCAVATE AND INSTALL CONCRETE FOOTINGS, FOUNDATION AND STEEL SUPPORT STRUCTURE FOR CANOPY AT LOADING AREA.
8. REMOVE EXISTING CURVED COMPOSITE METAL ROOF CLADDING PANELS (DARK GREEN PANELS) FROM BARREL VAULT OF MECHANICAL PENTHOUSE (PENTHOUSE 1) AS INDICATED AND INSTALL NEW CURVED COMPOSITE METAL ROOF CLADDING PANELS.
9. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (LIGHT GREEN PANELS) FROM S/E CORNER OF BUILDING AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING WINDOWS AND CONTINUOUS LOUVRES TO REMAIN.
10. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (LIGHT GREEN PANELS) FROM S/W CORNER OF BUILDING AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING WINDOWS AND CONTINUOUS LOUVRES TO REMAIN.
11. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (DARK BLUE PANELS) FROM BUILDING FRONT ENTRANCE (SOUTH SIDE OF BUILDING) AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING WINDOWS AND GLAZED CANOPY TO REMAIN.
12. REMOVE EXISTING TREE, GRASSSED AREA, PORTION OF EXISTING ASPHALT PAVING, CONCRETE SIDEWALK AND CONCRETE CURB TO SUIT NEW REINFORCED CONCRETE SLAB FOR RELOCATED DUMPSTER.
13. REPAVE / MAKE GOOD ASPHALT PAVED AREAS DISTURBED BY NEW WORK.

NOTES - PHASE 2:

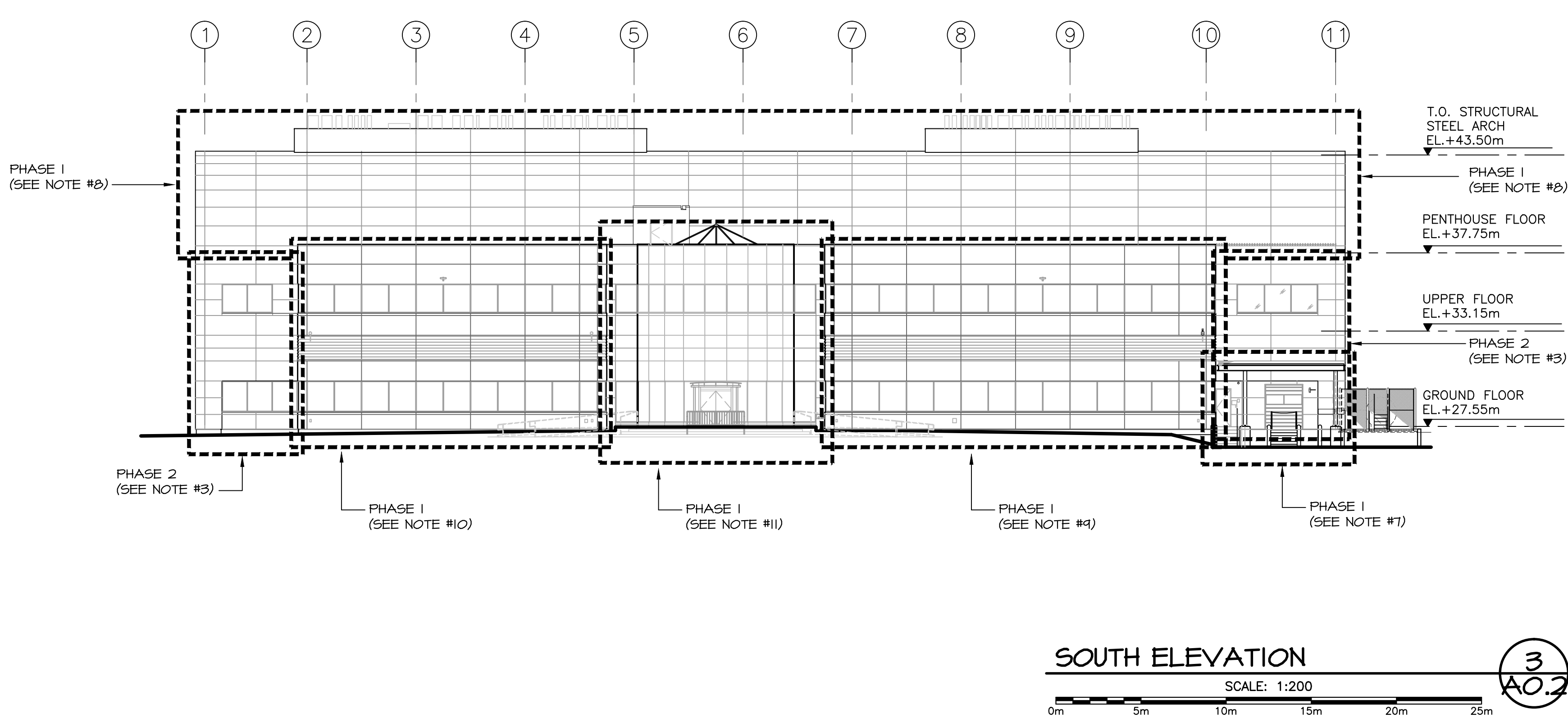
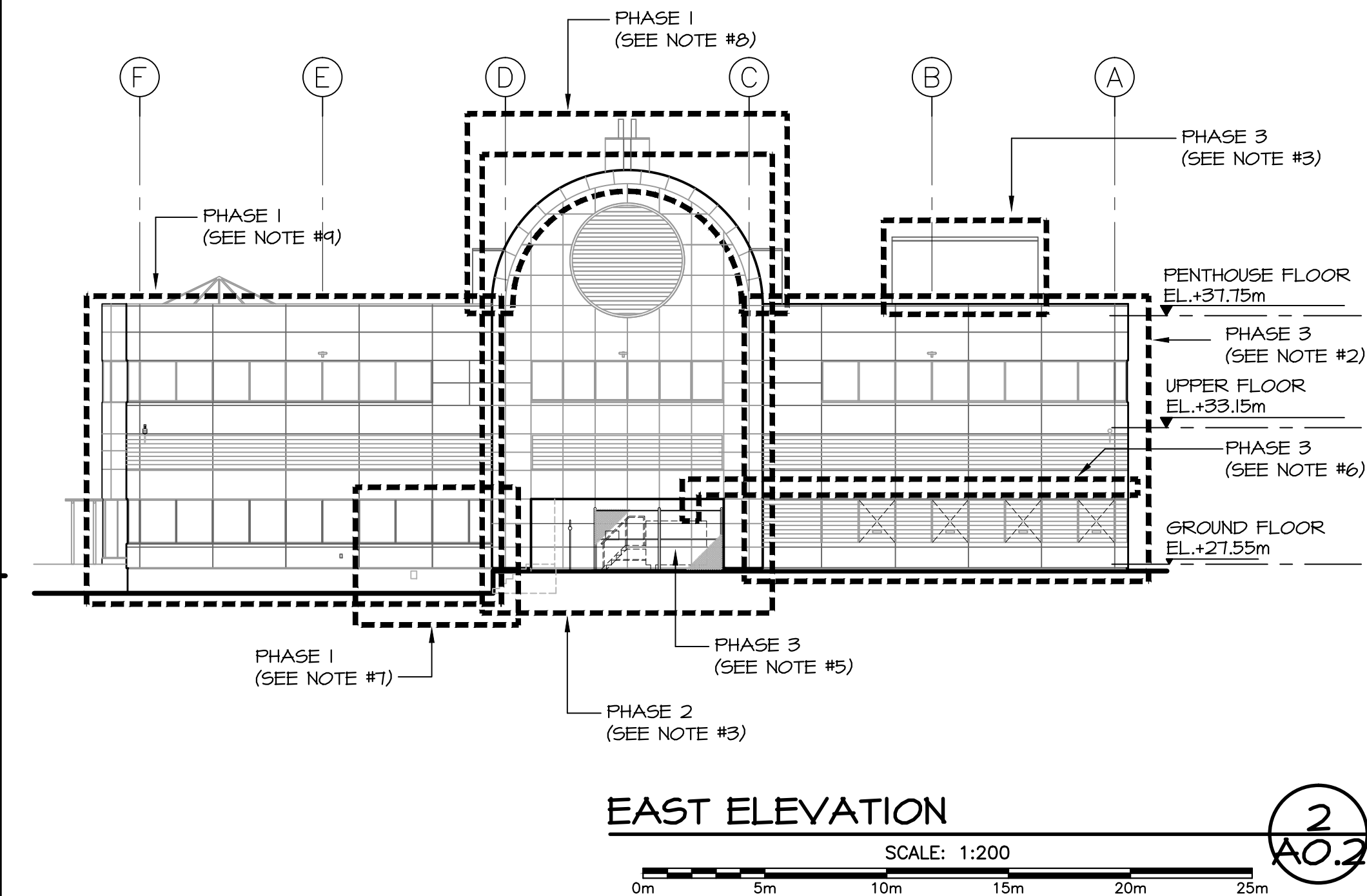
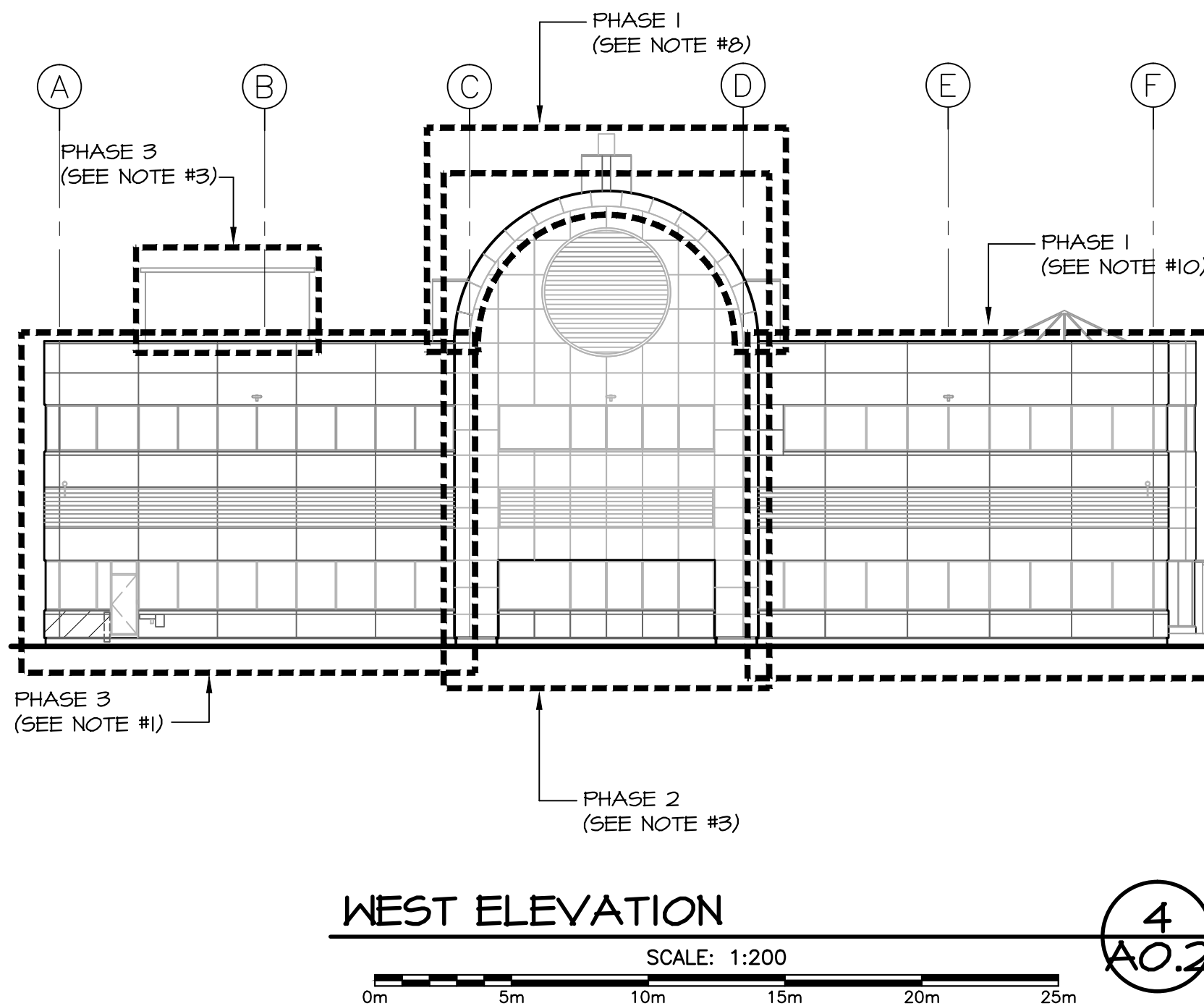
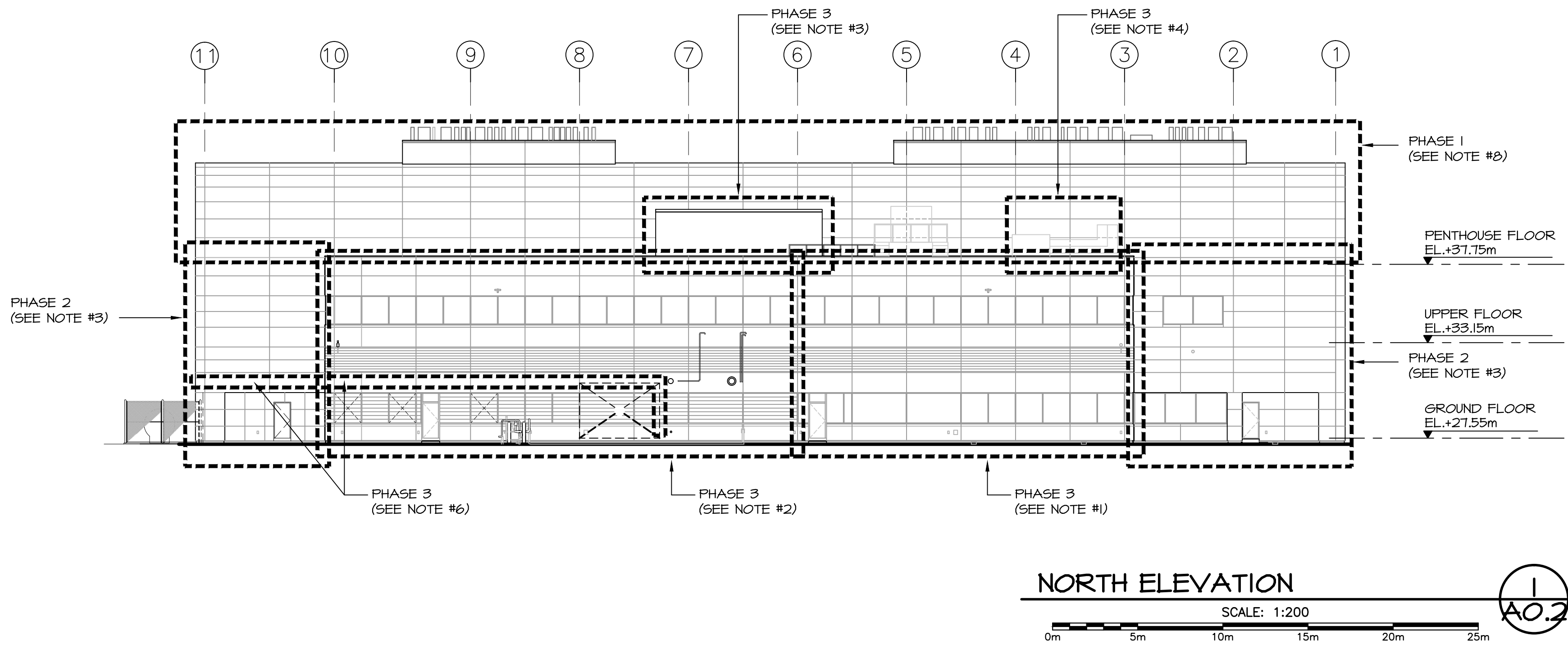
1. UPON COMPLETION OF INSTALLATION OF NEW CURVED COMPOSITE METAL ROOF CLADDING PANELS, REMOVE EXISTING SINGLE PLY PVC ROOF ASSEMBLY (SOUTH ROOF) AND INSTALL NEW FULLY ADHERED INSULATED SINGLE PLY (PVC) ROOF ASSEMBLY.
2. UPON COMPLETION OF ROOF ASSEMBLY, INSTALL PERIMETER MEMBRANE FLASHINGS AND INSTALL COMPOSITE METAL ROOF PARAPET PANELS.
3. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (DARK GREEN PANELS) FROM EAST AND WEST ENDS OF BARREL VAULT AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING WINDOWS AND LOUVRES TO REMAIN.
4. INSTALL CANOPY ROOF ASSEMBLY AND COMPLETE CANOPY AT LOADING DOCK AREA.
5. REMOVE AND SALVAGE EXISTING ROOF SAFETY RAILING AND REMOVE EXISTING SINGLE PLY PVC ROOF ASSEMBLY OF UPPER MECHANICAL PENTHOUSE (PENTHOUSE 2 ROOF). INSTALL NEW FULLY ADHERED INSULATED SINGLE PLY (PVC) ROOF ASSEMBLY AND RE-INSTALL SALVAGED ROOF SAFETY RAILING SYSTEM.
6. PREPARE FOR BUILDING ELECTRICAL OUTAGE (OVER WEEKEND). NOTE: WORK EXPECTED TO START AT 7 PM ON A FRIDAY AND RETURN TO SERVICE 11 PM SUNDAY. RUN EXISTING GENERATOR FOR DURATION OF WORK. COORDINATE AND PAY FOR FUEL DELIVERY DURING THIS WORK. ALL LOADS THAT RUN FROM EMERGENCY POWER WOULD OPERATE AT THIS TIME. COORDINATE POWER OUTAGE WITH UTILITY AS THE HIGH VOLTAGE SERVICE TO THE BUILDING NEEDS TO BE SHUT DOWN AND LOCKED OUT. COORDINATE WORK WITH INSPECTION AUTHORITY.
7. INSTALL NEW MAIN SWITCHBOARD AND NEW EMERGENCY GENERATOR TRANSFER SWITCH. RECONNECT ALL LOADS PREVIOUSLY CONNECTED TO THE MAIN SWITCHBOARD. COMMISSION NEW EQUIPMENT.
8. ENLARGE BUILDING HV POWER SERVICE AND COMMISSION NEW EMERGENCY POWER SYSTEM.
9. PREPARE FOR AN EXISTING EMERGENCY PANEL OUTAGE (ON WEEKEND, ESTIMATED 4-8 HRS) TO ALLOW FOR INSTALLATION OF A NEW FEEDER BETWEEN THE MAIN SWITCHBOARD AND EXISTING EMERGENCY PANEL. THIS WORK WILL ALLOW FOR THE REMOVAL OF THE EXISTING TRANSFER SWITCH. REGULAR POWER (NOW ON NEW EMERGENCY GENERATOR) IS TO REMAIN IN OPERATION DURING THIS TIME.
10. DRAIN EXISTING DIESEL FUEL OIL TANK AND SUPPLY PIPING, DECOMMISSION FUEL TANK AND REMOVE EXISTING FUEL TANK FROM SITE. NOTE: EXISTING CHAIN LINK FENCE ENCLOSURE AND CONCRETE SLAB TO REMAIN.
11. COMPLETE INSTALLATION OF NEW GENERATOR LOAD BANK.

NOTES - PHASE 3:

1. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (LIGHT GREEN PANELS) FROM NW CORNER OF BUILDING AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING WINDOWS AND CONTINUOUS LOUVRES TO REMAIN.
2. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (LIGHT GREEN PANELS) FROM N/E CORNER OF BUILDING AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING WINDOWS AND CONTINUOUS LOUVRES TO REMAIN. NOTE: WORK TO COMMENCE FOLLOWING REMOVAL OF FUEL OIL PIPING AND BRACKETS FROM EXTERIOR WALL.
3. REMOVE EXISTING COMPOSITE METAL WALL CLADDING PANELS (LIGHT GREEN PANELS) FROM WALLS OF MECHANICAL PENTHOUSE (PENTHOUSE 2) AS INDICATED AND INSTALL NEW COMPOSITE METAL WALL CLADDING PANELS. NOTE: EXISTING LOUVER AND DOOR TO REMAIN.
4. REMOVE EXISTING AHU, MECHANICAL DUCTWORK (AS REQUIRED), WOOD SLEEPERS AND EXISTING ROOF ASSEMBLY (AS REQUIRED). INSTALL NEW PRE-MANUFACTURED ROOF CURB, INSTALL ROOF CURB FLASHINGS AND RE-INSTALL EXISTING AHU ON NEW MECHANICAL EQUIPMENT ROOF CURB.
5. EXISTING CHAIN LINK FENCE ENCLOSURE AND CONCRETE SLAB TO REMAIN.
6. REMOVE EXISTING FUEL OIL PIPING AND BRACKETS FROM EXTERIOR WALL BETWEEN STORAGE TANK AND EMERGENCY GENERATOR ROOM.
7. REMOVE EXISTING EMERGENCY GENERATOR, DIESEL OIL TRANSFER PUMP SKID, DAYTANK AND ALL ASSOCIATED FUEL PIPING, ELECTRICAL CONDUIT, CONTROLS WIRING, VENTILATION DUCTING, EXHAUST SYSTEM, ASSOCIATED SYSTEMS, CONCRETE HOUSE KEEPING PADS, ETC.
8. REMOVE EXISTING WATER COOLED LOAD BANK, ASSOCIATED WIRING, WATER PIPING AND DRAIN PIPING, ETC.

NOTES - PHASE 4:

1. REMOVE EXISTING SINGLE PLY PVC ROOF ASSEMBLY (NORTH ROOF) AND INSTALL NEW FULLY ADHERED INSULATED SINGLE PLY PVC ROOF ASSEMBLY (WITH TAPERED INSULATION, SLOPED TO ROOF DRAINS).
2. UPON COMPLETION OF ROOF ASSEMBLY, INSTALL PERIMETER MEMBRANE FLASHINGS AND INSTALL COMPOSITE METAL ROOF PARAPET PANELS.
3. REMOVE POURED CONCRETE EQUIPMENT HOUSEKEEPING PADS, MAKE GOOD EXISTING CONCRETE SLAB AND PAINT TO MATCH EXISTING.
4. AFTER REMOVAL OF EMERGENCY GENERATOR AND ASSOCIATED EQUIPMENT, CLOSE OFF OPENING IN CONCRETE SLAB OF INTERSTITIAL SPACE ABOVE WITH FIRE RATED PARTITION, INSTALL SPRINKLER AT TOP OF HIGH CEILING SPACE. PATCH / REPAIR AND MAKE GOOD EXISTING FLOOR, WALLS AND US CEILING STRUCTURE OF EMERGENCY GENERATOR ROOM AND PAINT ALL SURFACES. INSTALL MECHANICAL EXHAUST VENTILATION, ELECTRICAL SERVICES AND FIT-UP FOR CONVERSION OF ROOM TO MAINTENANCE WORKROOM.
5. REMOVE ALL TEMPORARY FACILITIES, CONSTRUCTION TRAILER(S), STORAGE FACILITIES, TEMPORARY CONSTRUCTION HOARDINGS, CONSTRUCTION FENCING / BARRICADES, ETC. AT COMPLETION OF WORK AND MAKE GOOD ALL AREAS DISTURBED BY NEW WORK.
6. PLANT REPLACEMENT TREES (20 TOTAL) WHERE DIRECTED ON SITE BY DEPARTMENTAL REPRESENTATIVE.
7. MAKE GOOD EXISTING LANDSCAPED AREAS DISTURBED BY NEW WORK, APPLY TOP SOIL AND APPLY SOD TO ALL DISTURBED AREAS.
8. PLANT LANDSCAPED BUFFER TO CONCEAL NEW EMERGENCY GENERATOR FROM ENTRANCE DRIVEWAY APPROACH.
9. REMOVE EXISTING MOWING STRIP WOOD CURB AND REMOVE AND SALVAGE EXISTING GRAVEL PAVING. PROVIDE NEW WOOD CURB AND GRAVEL PAVED MOWING STRIP.



0	ISSUED FOR TENDER	04/29/2016
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project	CFIA LABORATORY WALL CLADDING, ROOFING AND GENERATOR REPLACEMENT DARTMOUTH, N.S.	project
drawing		design
PROPOSED PHASING – ELEVATIONS		
designed GK		conçu
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date Apr. 29, 2016		
approved RG		approuvé
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Tender		Submission
IPWSC Project Manager	Administrateur de projets IPWSC	
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