



AMENDMENT #1
REQUEST FOR BIDS
No. 2017-002

Effective: August 24, 2016

Project: City of Gaithersburg Miniature Golf Park Office Building Renovation

Issued By: Sunil Prithviraj, Capital Projects Program Manager
City of Gaithersburg
Department of Public Works
800 Rabbit Road
Gaithersburg, Maryland 20878

This amendment (“Amendment”) is incorporated into and made part of the above named Request for Bids (“Solicitation”). Other than as amended herein the Solicitation remains unchanged and in full force and effect. Purpose of this Amendment is to clarify the work scope and make changes to the following items: asphalt shingles, concrete floor finishes, public announcement system, and wall finishes. As such, the Solicitation is amended as follows:

1. Sheet Number A001 (Cover Sheet) of the Proposed Design Drawings document, which is located on the City’s procurement webpage at <http://www.gaithersburgmd.gov/government/procurement/current-bids/rfp-2017-002-golf-park-caddy-shack-renovations> (hereinafter referred to as “Solicitation Webpage”), is hereby amended, such that it is deleted in its entirety and is replaced with Sheet Number A001 (Cover Sheet) attached hereto and incorporated herein.
2. Sheet Number D101 (Ground Floor – Demolition) of the Proposed Design Drawings document located on the Solicitation Webpage is hereby amended, such that it is deleted in its entirety and is replaced with Sheet Number D101 (Ground Floor – Demolition) attached hereto and incorporated herein.
3. Sheet Number E001 (Electrical Symbols and Abbreviations) of the Proposed Design Drawings document located on the Solicitation Webpage is hereby amended, such that it is deleted in its entirety and is replaced with Sheet Number E001 (Electrical Symbols and Abbreviations) attached hereto and incorporated herein.
4. The Proposed Design Drawings document located on the Solicitation Webpage is hereby amended, such that it now includes Sheet Number EY502 (PA System Single Line Diagram), which is attached hereto and incorporated herein.

5. The Master Specifications document located on the Solicitation Webpage is hereby amended, such that it is deleted in its entirety and is replaced with the Amended Master Specifications document located on the same, which is incorporated herein.
6. The Product Information Sheets document located on the Solicitation Webpage is hereby amended, such that it is deleted in its entirety and is replaced with the Amended Product Information Sheets document located on the same, which is incorporated herein.

~ END OF AMENDMENT ~

PROPOSED DESIGN DRAWINGS

CITY OF GAITHERSBURG - MINIATURE GOLF PARK OFFICE BUILDING RENOVATION

514 S. FREDERICK AVE, GAITHERSBURG, MARYLAND 20877

AMENDED PERMIT SUBMISSION AUGUST 23, 2016



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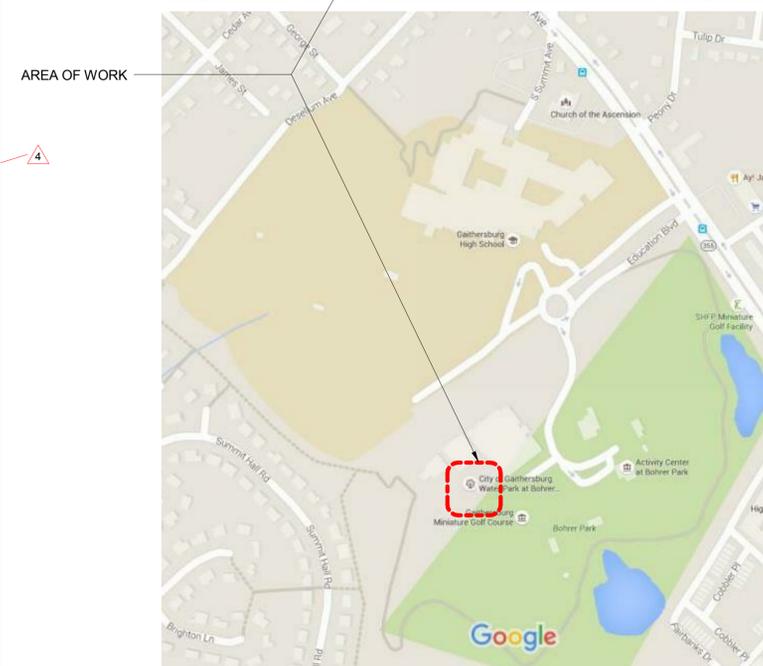
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SHEET LIST

SHEET LIST	
Sheet Number	Sheet Name
A001	COVER SHEET
A002	GENERAL NOTES, ABBREVIATIONS & SYMBOLS
AS001	SITE PLAN - EXISTING & DEMOLITION
AS002	SITE PLAN - PROPOSED
D101	GROUND FLOOR - DEMOLITION
A102	GROUND FLOOR - PROPOSED
A103	REFLECTED CEILING PLAN
A104	ROOF PLAN
A200	WEST ELEVATION
A201	EAST ELEVATION
A202	SOUTH ELEVATION
A203	NORTH ELEVATION
A300	LONG BUILDING SECTION
A301	SHORT SECTION THROUGH LOBBY
A500	INTERIOR ELEVATIONS
A501	ROOF DETAILS
A600	WALL SCHEDULE
A601	FINISH SCHEDULE
A602	DOOR SCHEDULE & DETAILS
A603	WINDOW SCHEDULE & DETAILS
A604	BATHROOM FIXTURE SCHEDULE
M001	COVER SHEET - MECHANICAL
M101	MECHANICAL FLOOR PLANS
M501	MECHANICAL SCHEDULES AND DETAILS
E001	ELECTRICAL SYMBOLS AND ABBREVIATIONS
ES101	ELECTRICAL SITE PLAN
EDL101	ELECTRICAL LIGHTING PLAN - DEMOLITION
EDP101	ELECTRICAL POWER PLAN - DEMOLITION
EDP501	ELECTRICAL - POWER RISER DIAGRAM - EXISTING
EP101	ELECTRICAL POWER PLAN
EP501	ELECTRICAL CONDUIT RISER DIAGRAM (IT AND POWER ONLY)
EP601	ELECTRICAL PANEL SCHEDULES
EL101	ELECTRICAL LIGHTING PLAN
EL501	ELECTRICAL LUMINAIRES SCHEDULE
EL601	LIGHTING CALCULATIONS - INTERIOR
EL602	LIGHTING CALCULATIONS - SITE
EY501	SECURITY RISER DIAGRAM
EY502	PA SYSTEM SINGLE LINE DIAGRAM
E501	ELECTRICAL DETAILS
P001	GENERAL NOTES, PLUMBING ABBREVIATIONS & SYMBOLS
P100	PLUMBING FLOOR PLAN-DEMOLITION
P101	PLUMBING FLOOR PLAN
P200	SANITARY RISER DIAGRAM
P201	DOMESTIC WATER RISER DIAGRAM
P300	PLUMBING - DETAILS
P400	PLUMBING SCHEDULES
S100	STRUCTURAL - FLOOR PLAN
S101	STRUCTURAL ROOF PLAN
S300	STRUCTURAL - SECTION DETAILS

LOCATION MAP



Professional Certification.
I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 15975, expiration date 10.16.2017

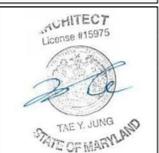
No.	Description	Date
1	REVISION # 1	06/30/2016
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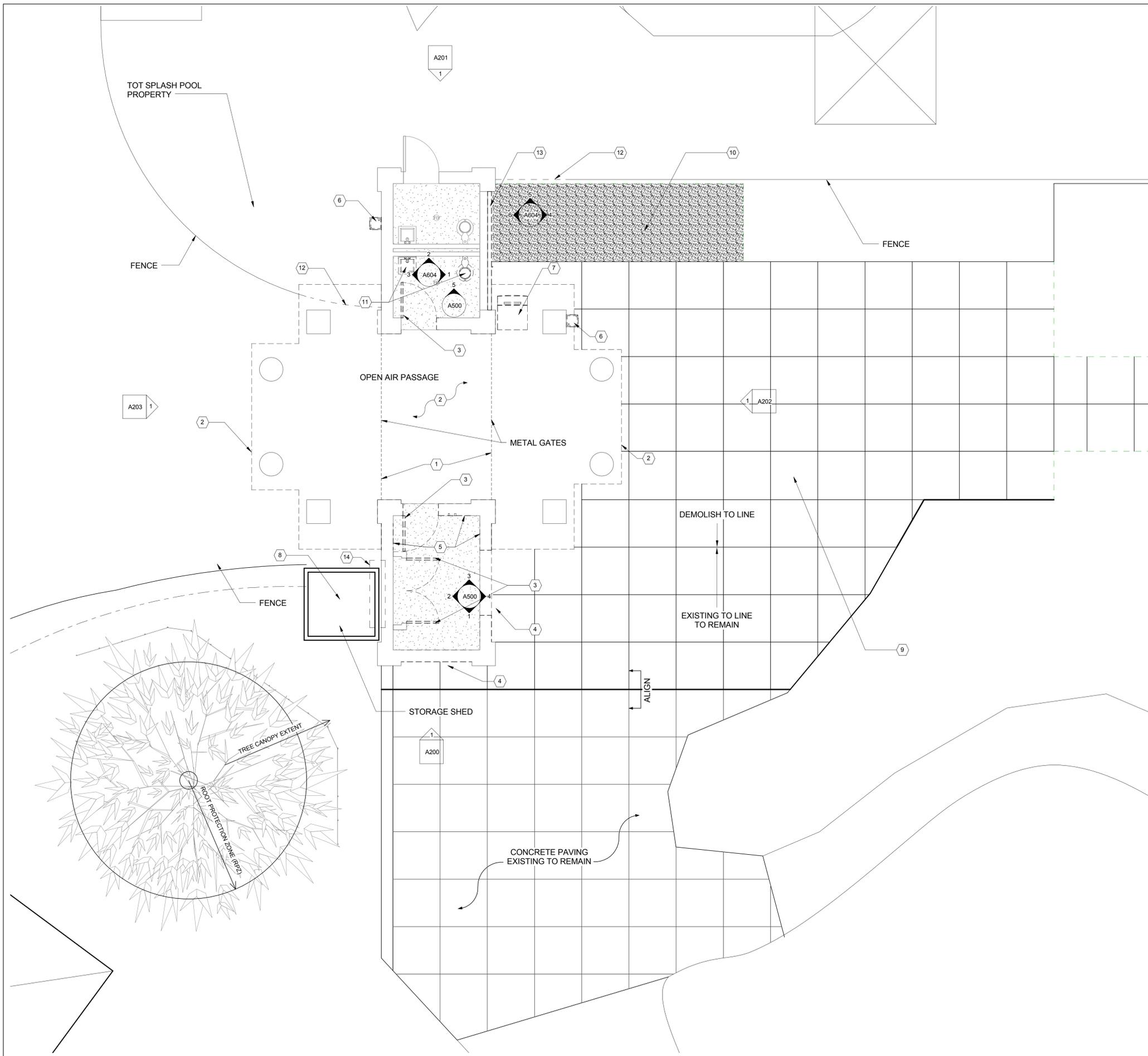
Revisions
Drawing Title
COVER SHEET

Phase
 CONCEPT 30% 60% 80% 100%

A/E Project Number: 12-0009.012
Date: 08.23.2016
Drawing Scale: AS NOTED
CADD Filename: Revit Model
CADD Plot Scale: 1:1

Drawn By: ASM
Checked By: AV
Sheet Number: **A001**





DEMOLITION LEGEND

1. REMOVE EXISTING METAL GATES AND HARDWARE
2. REMOVE EXISTING STONE PAVING TO BOUNDARY. SALVAGE AND STORE PAVERS ON PALLETS FOR DPW TO REMOVE FROM JOBSITE.
3. REMOVE EXISTING DOOR
4. REMOVE EXISTING SHUTTER
5. REMOVE EXISTING NON-BEARING INFILL TO BOTTOM OF BEAM ± 7'-4".
6. REMOVE AND SALVAGE EXISTING WATER FOUNTAIN FOR RELOCATION. CAP EXISTING PLUMBING AT LOCATION.
7. REMOVE EXISTING ICE MACHINE
8. REMOVE EXISTING STORAGE SHED, ANY SUPPORTS OR ANCHORING, AND EXISTING ENTRY SLAB
9. REMOVE CONCRETE FOR INSTALLATION OF NEW CONDUIT AND CORRECTION OF SLOPE FOR ADA REQUIREMENTS
10. REMOVE EXISTING ASPHALT PAVING
11. REMOVE EXISTING PLUMBING FIXTURES
12. EXISTING FENCING TO BE DEMOLISHED TO NEAREST POST TO ACCOMMODATE NEW CONSTRUCTION
13. REMOVE 4" FACE BRICK OFF EXISTING WALL TO ACCOMMODATE NEW INTERIOR PLUMBING WALL.
14. PROTECT AND MAINTAIN ELECTRICAL STUBS.



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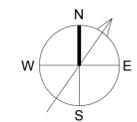
GROUND FLOOR - DEMOLITION

Phase
 CONCEPT 30% 60% 80% 100%

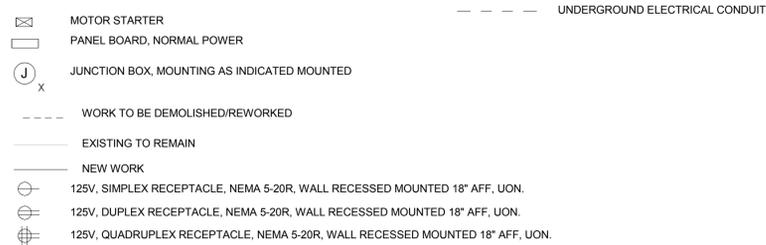
A/E Project Number 12-0009.012	Drawing Scale: AS NOTED
Date 08.23.2016	CADD Filename Revit Model
	CADD Plot Scale 1:1

Drawn By: **ASM**
Checked By: **AV**

Sheet Number
D101



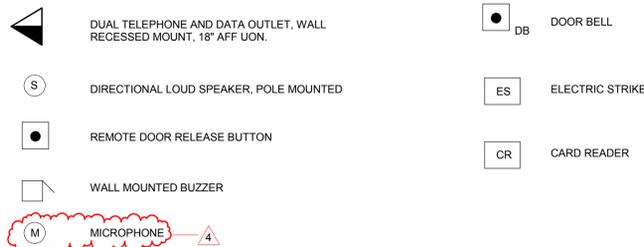
POWER SYMBOLS



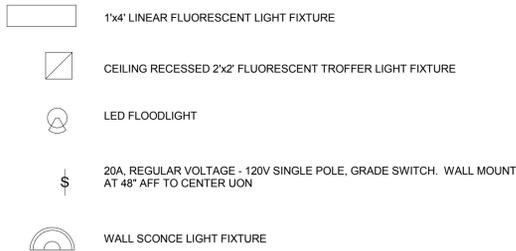
RECEPTACLE SUFFIXES

GFCI= GROUND FAULT CIRCUIT INTERRUPTER
 WP = WEATHER PROOF

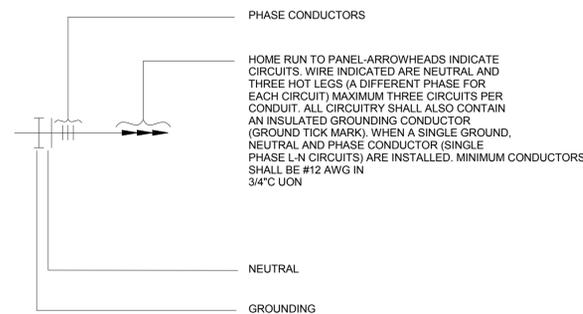
LOW VOLTAGE SYMBOLS



LIGHTING FIXTURE SYMBOLS



HOMERUN SPECIFICATION



ABBREVIATIONS

A	AMPERES
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
BC	BARE COPPER
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
C	CONDUIT
CAB	CABINET
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
COTR	CONTRACTING OFFICER
CP	CONTROL PANEL
CTS	CURRENT TRANSFORMERS
CU	COPPER
DEMO	DEMOLITION
DS	DISCONNECT SWITCH
DWG	DRAWING(S)
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
ERB	EMERGENCY RELEASE BUTTON
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EX	EXISTING TO REMAIN
EX	EXISTING
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
GEC	GROUNDING ELECTRODE CONDUCTOR
GEN	ENGINE GENERATOR SET
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFCI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GFS	GROUND FAULT SENSOR
GND	GROUND
GYP	GYPSPUM
HGT	HEIGHT
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HV	HIGH VOLTAGE
INC	INCANDESCENT
JB	JUNCTION BOX
KV	KILO-VOLTS
KVA	KILO-VOLTS-AMPERES
KVAR	KILO-VOLTS-AMPERES REACTIVE
KW	KILO-WATTS
KWH	KILO-WATT-HOURS
LAN	LOCAL AREA NETWORK
LTG	LIGHTING
m	METER
MM	MILLIMETER
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MFR	MANUFACTURER
MGB	MAIN GROUND BAR
MH	METAL HALIDE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTR	MOTOR
MTD	MOUNTED
MTG	MOUNTING
NEC	NATIONAL ELECTRICAL CODE
PNL	PANEL
PRI	PRIORITY
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
TEL	TELEPHONE
TYP	TYPICAL
UC	UNDERGROUND COMMUNICATION
UFC	UNIFIED FACILITIES CRITERIA
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
UP	UNDERGROUND POWER
UPS	UNINTERRUPTIBLE POWER SUPPLY
US	UNDERGROUND SECURITY
V	VOLTS
VA	VOLT-AMPERES
VFC	VARIABLE FREQUENCY CONTROLLER
W	WATTS
WHE	WAREHOUSE
WP	WEATHER PROOF
XFMR	TRANSFORMER

GENERAL NOTES

- ALL WORK SHOWN IS DIAGRAMMATIC AND IS FOR CIRCUIT ALLOCATION ONLY. THE DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF ELECTRICAL EQUIPMENT. COORDINATE ALL DEVICE LOCATIONS WITH ACTUAL DOOR SWINGS, CABINETS, COUNTERS, ETC., AS INDICATED IN ARCHITECTURAL DRAWINGS.
- REFER TO ALL CONTRACT DOCUMENTS FOR POSSIBLE INTERFERENCES, BEFORE BID IS MADE. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE TO THE CONTRACTOR BY REASON OF HIS FAILURE TO HAVE MADE SUCH EXAMINATIONS OR OF ANY ERROR ON HIS PART.
- ALL DISCONNECTS SHALL HAVE A SEPARATE GROUND BAR AND A NEUTRAL BAR.
- ALL PANELS SHALL HAVE TYPED, COMPLETED DIRECTORIES INDICATING EQUIPMENT SERVED AND ROOM NUMBER (AS INDICATED ON FINAL BUILDING SIGNAGE) OF EQUIPMENT LOCATION, SPARE, OR SPACE. UPDATE DIRECTORIES FOR ALL ALTERED PANELS. LABEL AND IDENTIFY ALL JUNCTION BOXES WITH PANEL AND CIRCUIT NUMBER.
- SEPARATE NEUTRAL CONDUCTORS TO BE RUN WITH ALL BRANCH CIRCUITS.
- ALL CIRCUITS TO BE RUN WITH GREEN GROUNDING CONDUCTOR SIZED PER NEC 250.122.
- MOUNTING HEIGHTS OF ALL DEVICES ARE TO CENTER OF DEVICE, OUTLET, FIXTURE OR EQUIPMENT UNLESS OTHERWISE NOTED.
- CONSOLIDATION OF INDIVIDUAL CONDUIT HOME RUNS SHOWN ON THE DRAWINGS SHALL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL. LIGHTING AND RECEPTACLE CIRCUITS ONLY MAY BE EXEMPTED, LIMITED TO NOT MORE THAN THREE CIRCUITS PER CONDUIT HOMERUN.
- PROVIDE GROUNDING TYPE EXPANSION FITTINGS OR OTHER APPROVED METHODS TO ALLOW FOR EXPANSION, CONTRACTIONS AND DEFLECTION WHERE CONDUITS CROSS EXPANSION JOINTS.
- ALL EMPTY CONDUITS SHALL BE FURNISHED WITH PULL-WIRE AND WILL BE STUBBED-UP A.F.F., OR ABOVE SUSPENDED CEILING AS THE CASE MAY BE, AND SHALL BE CAPPED AT BOTH ENDS.
- NUMBER OF BENDS IN A CONDUIT SECTION RUN SHALL NOT EXCEED FOUR 90-DEGREE BENDS, OR EQUIVALENT OF SWEEPS AND RADIUS BENDS.
- ALL LOW VOLTAGE COMMUNICATIONS WIRING SHALL BE ROUTED IN EMT CONDUITS, OR OTHER APPROVED CONDUITS, EXCEPT WHERE RUN IS CONCEALED IN ACCESSIBLE AREAS. ALL EXPOSED WIRING SHALL BE PLENUM RATED AND SUPPORTED AS REQUIRED BY CODE.
- WIRING FOR ALL LOW VOLTAGE COMMUNICATION SYSTEMS SHALL BE RUN IN DEDICATED RACEWAYS AND NOT SHARED WITH POWER WIRING OR OTHER SYSTEMS.
- VERIFY MECHANICAL EQUIPMENT SWITCH AND CONNECTION REQUIREMENTS, ITEM BY ITEM WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN AND WIRING OF EQUIPMENT. RESOLVE ALL DISCREPANCIES WITHOUT FURTHER COST TO THE OWNER.
- WHERE MOUNTING HEIGHTS ARE NOT DETAILED, INSTALL ELECTRICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE MAXIMUM HEADROOM POSSIBLE. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE MAINTENANCE, REPAIR AND REPLACEMENT OF EQUIPMENT AND COMPONENTS AS MUCH AS PRACTICAL. CONNECT THE EQUIPMENT FOR EASE OF DISCONNECTING WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.
- WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OF INSTALLATION OR NATURE OF WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COSTS TO CO. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE CO. TR.
- WHERE THE CONTRACTOR REQUESTS APPROVAL OF AN ITEM OF EQUIPMENT WHICH DEVIATES FROM THE REQUIREMENTS OF THE DRAWINGS AND WILL REQUIRE A REDESIGN OF STRUCTURE, PARTITIONS, FOUNDATIONS, PIPING, WIRING, OR ANY OTHER PART OF THE MECHANICAL, ELECTRICAL, OR ARCHITECTURAL LAYOUT, ALL SUCH REDESIGN, AND ALL NEW DRAWINGS AND DETAILING REQUIRED THEREFORE, SHALL BE PREPARED AND PAID FOR BY THIS CONTRACTOR AND SUBMITTED TO THE ARCHITECT FOR APPROVAL.
- PROVIDE ALL POWER WIRING FOR POWER. WIRING SHALL INCLUDE FEEDERS, BRANCH CIRCUITS, DISCONNECT SWITCHES, EQUIPMENT TERMINALS. DISCONNECTS SHALL BE PROVIDED IN ACCORDANCE WITH CODE REQUIREMENTS WHETHER OR NOT SPECIFICALLY INDICATED ON DRAWINGS.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENFORCED EDITION OF THE NATIONAL ELECTRICAL CODE, N.E.P.A. 70, AND ALL LOCAL AND STATE CODES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY THE BUILDING AND SAFETY CODES AND ORDINANCES, AND THE RULES AND REGULATIONS OF ANY LEGAL BODY HAVING JURISDICTION.
- ALL ELECTRICAL ITEMS, MATERIALS, DEVICES, APPLIANCES SHALL BE U.L. LABELED.
- ALL NECESSARY ADDITIONS AND ALTERATIONS TO EXISTING WORK SHALL BE INCLUDED IN THE CONTRACT AS REQUIRED TO PROVIDE AND MAINTAIN A COMPLETE AND PROPER ELECTRICAL INSTALLATION. THIS WORK SHALL INCLUDE:
 - RELOCATION OF PULL BOXES, RACEWAYS, ETC., TO PERMIT THE INSTALLATION OF NEW EQUIPMENT.
 - DISCONNECTION/RECONNECTIONS/REMOVAL/REINSTALLATION OF ELECTRICAL SUPPLY, CONTROL, AND UTILIZATION EQUIPMENT REQUIRED FOR CONTINUED OPERATION, INCLUDING TEMPORARY WORK AS REQUIRED.
 - PROVISIONS FOR THE RELOCATION OF ALL PIPING, DUCTWORK, ETC., AS REQUIRED FOR ELECTRICAL WORK, WHERE NOT SHOWN OR SPECIFIED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE A/E TEAM PRIOR TO BID SO THAT THE APPROPRIATE TRADE MAY BE ASSIGNED TO BID; OTHERWISE, THE ELECTRICAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL SUCH RELOCATIONS.
 - EQUIPMENT TO BE TURNED OVER TO OWNER, SHALL BE TURNED OVER IN CLEAN AND WORKING CONDITION.
 - DISCONNECT ELECTRICAL SERVICES TO EQUIPMENT TO BE REMOVED. REMOVE ALL UNUSED CONDUIT AND CONDUCTORS BACK TO POINT OF SERVICE, OR NEXT ACTIVE DEVICE, UNLESS THEY ARE TO BE REUSED UNDER NEW CONSTRUCTION.
 - UNUSED CONDUITS CAN BE ABANDONED WHERE CONCEALED IN FLOORS OR WALLS, BUT MUST BE REMOVED FROM CEILING SPACES, EXPOSED AREAS AND ACCESSIBLE LOCATIONS.
 - WHERE WORK UNDER THIS CONTRACT REQUIRES EXTENSION, RELOCATION, RECONNECTIONS OR MODIFICATIONS TO EXISTING EQUIPMENT OR SYSTEMS, THE EXISTING EQUIPMENT OR SYSTEM SHALL BE RESTORED TO ITS ORIGINAL AND OPERATING CONDITION, EXTEND NEW HOMERUNS OR CIRCUIT EXTENSIONS, WHERE REQUIRED. DISCONNECT AND REMOVE ALL EQUIPMENT INDICATED TO BE DEMOLISHED, INCLUDING OUTLETS, DEVICES, RELAYS, AND CONDUCTORS.
- MAINTAIN ELECTRICAL WORKING SPACE CLEARANCE PER NEC 110.26
- GROUP NEARBY DEVICES IN A SINGLE GANG BOX.
- COORDINATE HEIGHT OF OUTLETS WITH EQUIPMENT PRIOR TO ROUGH IN.



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License No. 45772
 Expiration Date: 07.28.2016

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Revisions

ELECTRICAL SYMBOLS AND ABBREVIATIONS

Phase
 CONCEPT 30% 60% 80% 100%

A/E Project Number 12-0009.012	Drawing Scale: AS NOTED
Date 08.23.2016	CADD Filename Revit Model
	CADD Plot Scale 1:1
Drawn By JO	Checked By AM
Sheet Number E001	



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GENERAL NOTES

1. ALL SPEAKERS SHALL FOLLOW SETTINGS FOR SPT30A AS SHOWN IN FIGURE 1.
2. SPEAKERS SHALL USE 70V SETTINGS.

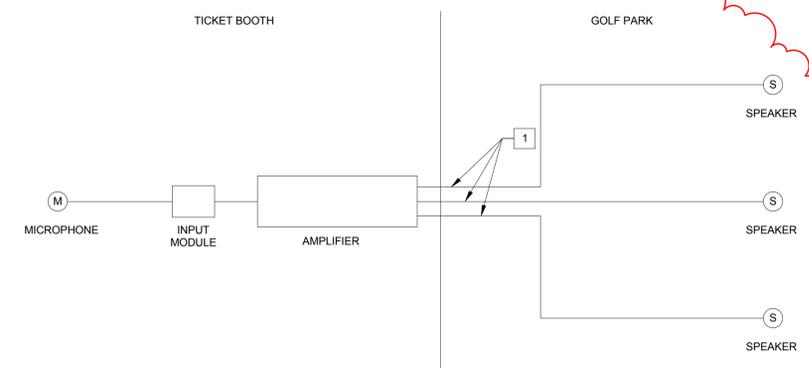
KEY NOTES

1. CONNECT NEW SPEAKERS TO AMPLIFIER IN TICKET BOOTH. WIRING SHALL BE SHIELDED #18AWG.

(Selector Switch shown at Tap #3)

Tap Setting	SPT15A		SPT30A	
	Watts (25V)	Watts (70V)	Watts (25V)	Watts (70V)
Position #1	*	0.9	*	1.8
Position #2	*	1.8	*	3.7
Position #3	.48	3.8	*	7.5
Position #4	.94	7.5	1.8	15
Position #5	1.8	15	3.7	30
Position #6	7.5	*	7.5	*
Position #7	15	*	15	*

FIGURE 1



1 PA SYSTEM SINGLE LINE DIAGRAM
EY502 N.T.S.

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