NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR, LAS CRUCES, NM 88011

NMSU PROJECT #5227

OWNER:

NEW MEXICO STATE UNIVERSITY

CONTACT: JOSE LOERA

CONSULTANTS:

MECHANICAL, ELECTRICAL, PLUMBING

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DESERT PEAK ARCHITECTS, INC

311 NORTH MAIN STREET
LAS CRUCES, NM 88005

P. (575) 528 - 0021

CONTACT: RUBEN CONTRERAS

VICINITY MAP

DESIGN CODES

2021 INTERNATIONAL BUILDING CODE
2021 NM COMMERCIAL CODES
2021 UNIFORM PLUMBING CODE
2021 NM PLUMBING CODE
2021 UNIFORM MECHANICAL CODE
2021 NM MECHANICAL CODE
2020 NATIONAL ELECTRICAL CODE
2020 NM ELECTRICAL CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 NM COMMERCIAL ENERGY CODE

MATERIAL LEGEND

CUT (SECTION)

- CONCRETE
- EARTH
- RIGID INSULATION
- BATT INSULATION
- WOOD BLOCKING
- SPRAYED INSULATION

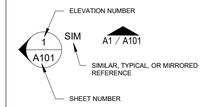
PROJECTION (PLAN / ELEVATION)

- NEW WALL
- METAL ROOFING

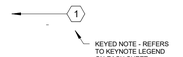
DRAWING INDEX

SYMBOL LEGEND

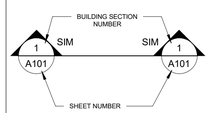
ELEVATION SYMBOLS



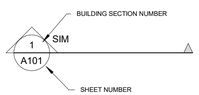
REFERENCE KEYNOTE SYMBOL



BUILDING SECTION SYMBOL

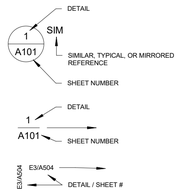


WALL SECTION SYMBOL



WINDOW/ DOOR TAG SYMBOLS

DETAIL SYMBOL



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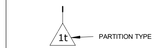

ROOM TAG SYMBOL

CEILING TAG SYMBOL

SPOT DIMENSIONS

BID LOTS AND ALTERNATE SCHEDULES

BID LOT #1 (DESIGN OPTION 1) AND ALTERNATE SCHEDULE

BID LOT #1 (DESIGN OPTION 1) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, COVERED TEES (10 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (190' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 10 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARNING CENTER

BID LOT #2 (DESIGN OPTION 2) AND ALTERNATE SCHEDULE

BID LOT #2 (DESIGN OPTION 2) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE. TURF TEE LINE (140' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

BID LOT #3 (DESIGN OPTION 3) AND ALTERNATE SCHEDULE

BID LOT #3 (DESIGN OPTION 3): IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

ADDITIVE ALTERNATE #5: ADDITIONAL COVERED TEE BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL 10 ADDITIONAL COVERED TEE BAYS AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #6: ELECTRICAL FOR ADDITIONAL BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 ADDITONAL BAYS WITHIN ADDITIVE ALTERNATE #5.

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311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

SHEET TITLE

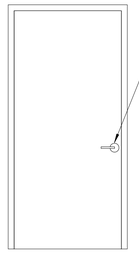
COVER SHEET

SHEET NO.

G001

D

C

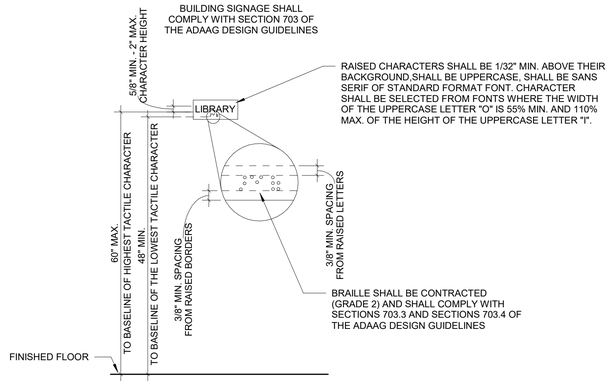


ALL DOOR HARDWARE TO COMPLY WITH SECTION 1010.1.9

REGARDING: HARDWARE, HARDWARE HEIGHT, LOCKS AND LATCHES, BOLT LOCKS, UNLATCHING, CONTROLLED EGRESS DOORS, DELAYED EGRESS, SENSOR RELEASE OF ELECTRICALLY LOCKED EGRESS DOORS, ELECTROMAGNETIC LOCKED EGRESS DOORS, LOCKING ARRANGEMENTS IN CORRECTIONAL FACILITIES AND STAIRWAY DOORS

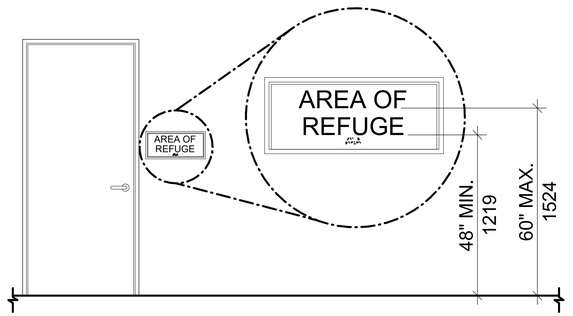
C1 G005 HARDWARE

1/2" = 1'-0"



C2 G005 BUILDING SIGNAGE

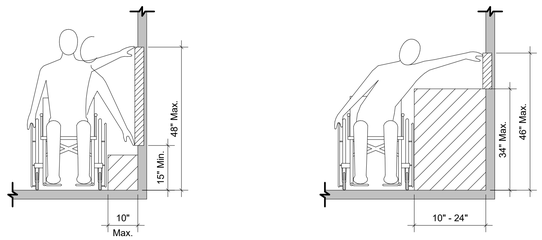
1/2" = 1'-0"



C3 G005 TACTILE SIGN

1/2" = 1'-0"

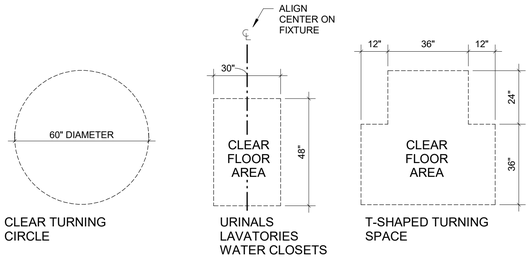
B



B1 G005 TYPICAL ADA MOUNTING HEIGHTS (ADULT)

1/2" = 1'-0"

A



A1 G005 01 FLOOR AREA DIAGRAMS

3/8" = 1'-0"

ABBREVIATION LEGEND

MI:	MIRROR
TP:	TOILET PAPER DISPENSER
SND:	SANITARY NAPKIN DISPOSAL
GB42:	GRAB BAR- 42" LONG
GB36:	GRAB BAR- 36" LONG
GB18:	VERTICAL GRAB BAR - 18" LONG
EHD:	ELECTRIC HAND DRYER
SD:	SOAP DISPENSER
PD:	PAPER TOWEL DISPENSER
DF:	DRINKING FOUNTAIN
FE:	FIRE EXTINGUISHER
WC:	WATER CLOSET
UR:	URINAL

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P. 575.528.0022

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05/23/2025
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RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

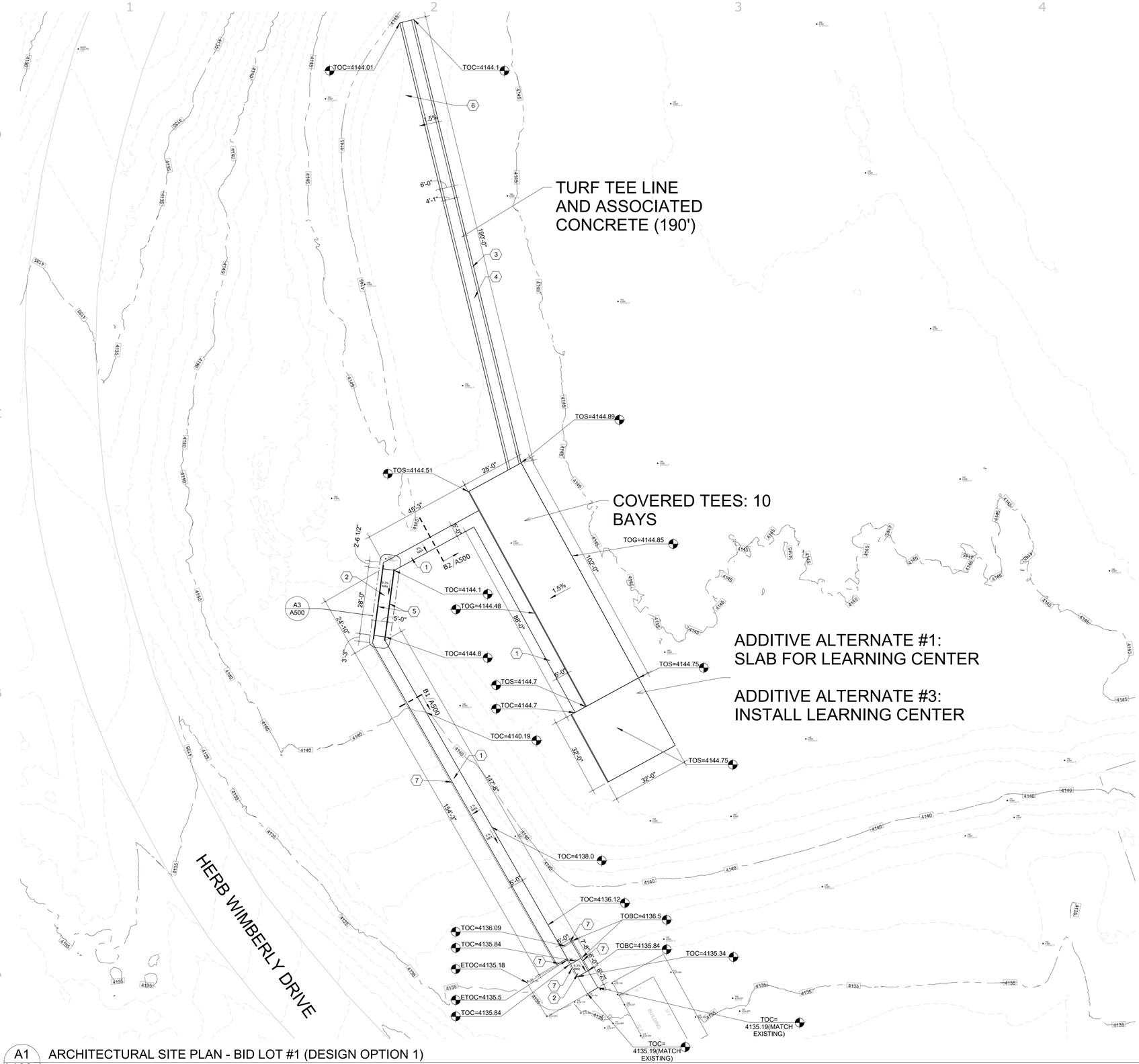
PROJECT NO.
#206-134

SHEET TITLE

ACCESSIBLE MOUNTING HEIGHTS

SHEET NO.

G005



A1 / A100.1 ARCHITECTURAL SITE PLAN - BID LOT #1 (DESIGN OPTION 1)

1" = 20'-0"

TRUE NORTH

GENERAL NOTES - SITE PLAN

A. THE INTENT OF THE ARCHITECTURAL SITE PLAN IS TO CONVEY THE WORK AREA LOCATIONS IN RELATION TO EXISTING SITE ELEMENTS.
B. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL TRADES INVOLVED IN THE PROJECT AND SHALL REPORT ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS TO THE ARCHITECT.

KEYNOTE LEGEND

1	CAST-IN-PLACE CONCRETE SIDEWALK
2	ADA COMPLIANT CONCRETE SIDEWALK RAMP 1:12 MAX SLOPE. REFER TO DETAIL ON SHEET A500
3	CAST-IN-PLACE CONCRETE SLAB
4	FIBERBUILT PERFORMANCE TURF TEE LINE OR EQUAL AS APPROVED BY OWNER
5	1-1/4" DIAMETER TUBE STEEL PIPE HANDRAIL, PRIME AND PAINT - COLOR TO BE SELECTED BY ARCHITECT - REFER TO DETAILS ON SHEET A500
6	PROVIDE AND INSTALL APPROXIMATELY 16 C.Y. OF FILL MATERIAL THIS LOCATION. TAPER FROM WEST SIDE OF SLAB TO EXISTING GRADE
7	CONCRETE CURB

BID LOT #1 (DESIGN OPTION 1) AND ALTERNATE SCHEDULE

BID LOT #1 (DESIGN OPTION 1) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, COVERED TEES (10 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (190' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 10 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARNING CENTER

ELEVATION ABBREVIATIONS

- ETOC= EXISTING TOP OF CONCRETE
- TOBC= TOP OF BACK OF CURB
- TOC= TOP OF CONCRETE
- TOS= TOP OF SLAB
- TOG= TOP OF EXISTING GRADE(VERIFY IN FIELD)

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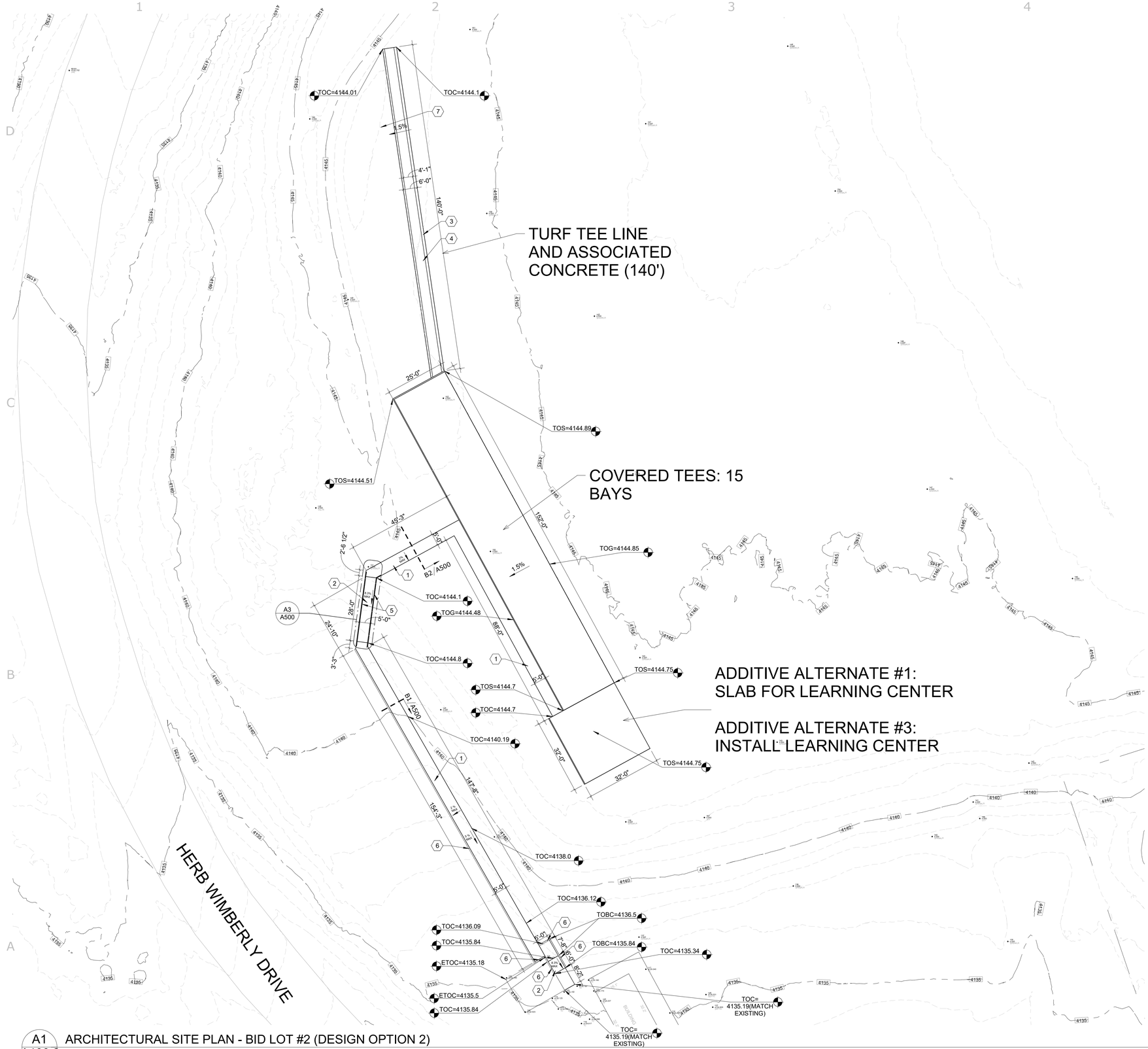
PROJECT NO. #206-134

SHEET TITLE

SITE PLAN - BID LOT #1 (DESIGN OPTION 1)

SHEET NO.

A100.1



GENERAL NOTES - SITE PLAN

A. THE INTENT OF THE ARCHITECTURAL SITE PLAN IS TO CONVEY THE WORK AREA LOCATIONS IN RELATION TO EXISTING SITE ELEMENTS.
B. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL TRADES INVOLVED IN THE PROJECT AND SHALL REPORT ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS TO THE ARCHITECT.

KEYNOTE LEGEND

1	CAST-IN-PLACE CONCRETE SIDEWALK
2	ADA COMPLIANT CONCRETE SIDEWALK RAMP 1:12 MAX SLOPE. REFER TO DETAIL ON SHEET A500
3	CAST-IN-PLACE CONCRETE SLAB
4	FIBERBUILT PERFORMANCE TURF TEE LINE OR EQUAL AS APPROVED BY OWNER
5	1-1/4" DIAMETER TUBE STEEL PIPE HANDRAIL, PRIME AND PAINT - COLOR TO BE SELECTED BY ARCHITECT - REFER TO DETAILS ON SHEET A500
6	CONCRETE CURB
7	PROVIDE AND INSTALL APPROXIMATELY 16 C.Y. OF FILL MATERIAL THIS LOCATION. TAPER FROM WEST SIDE OF SLAB TO EXISTING GRADE

BID LOT #2 (DESIGN OPTION 2) AND ALTERNATE SCHEDULE

BID LOT #2 (DESIGN OPTION 2) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE. TURF TEE LINE (140' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

ELEVATION ABBREVIATIONS

- ETOC= EXISTING TOP OF CONCRETE
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- TOS= TOP OF SLAB
- TOG= TOP OF EXISTING GRADE(VERIFY IN FIELD)

TRUE NORTH

A1 / A100.2 ARCHITECTURAL SITE PLAN - BID LOT #2 (DESIGN OPTION 2)
1" = 20'-0"

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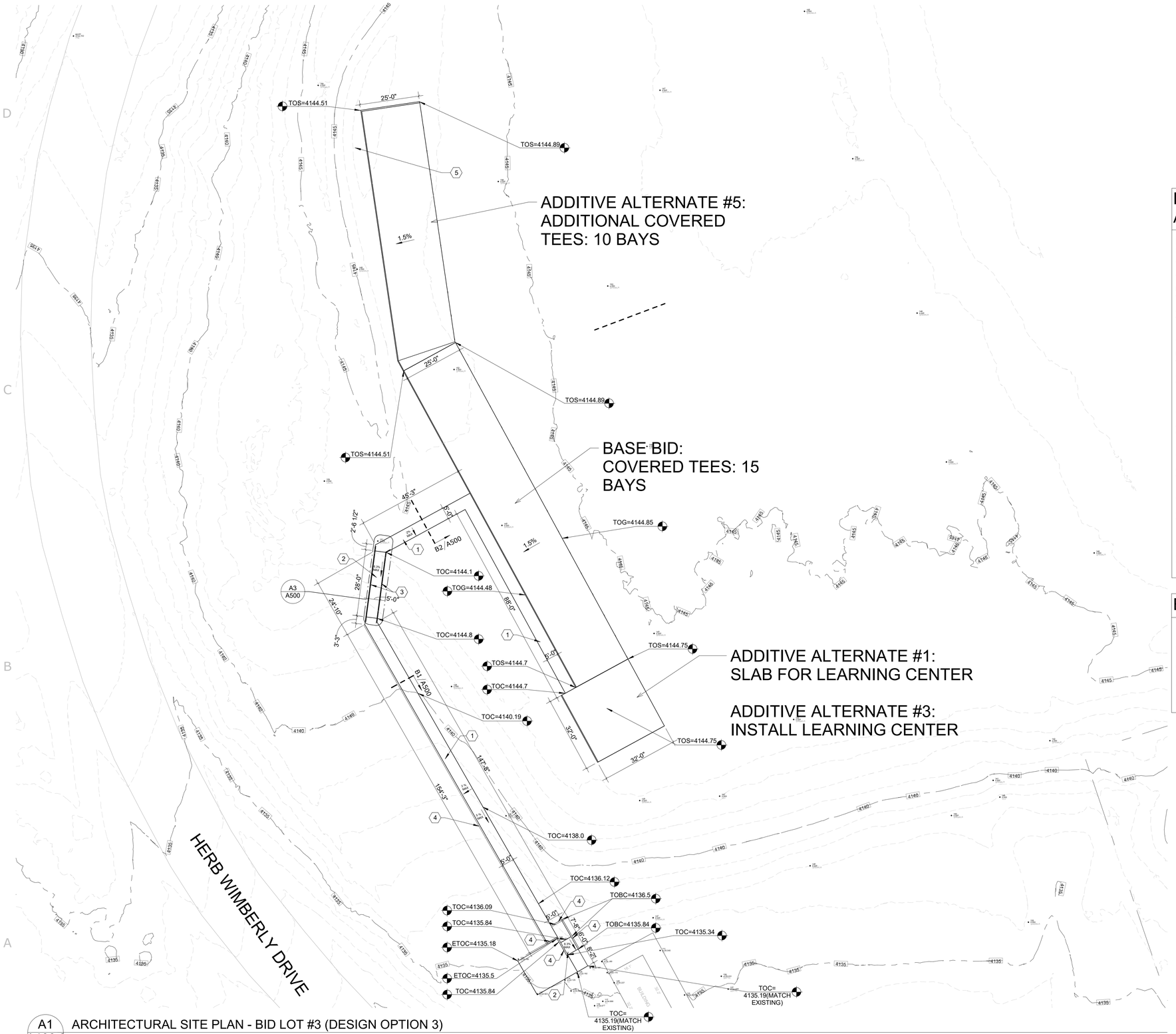
PROJECT NO.
#206-134

SHEET TITLE
SITE PLAN - BID LOT #2 (DESIGN OPTION 2)

SHEET NO.
A100.2



A1
A100.3
ARCHITECTURAL SITE PLAN - BID LOT #3 (DESIGN OPTION 3)
1" = 20'-0"

TRUE
NORTH

GENERAL NOTES - SITE PLAN

A. THE INTENT OF THE ARCHITECTURAL SITE PLAN IS TO CONVEY THE WORK AREA LOCATIONS IN RELATION TO EXISTING SITE ELEMENTS.
B. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL TRADES INVOLVED IN THE PROJECT AND SHALL REPORT ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS TO THE ARCHITECT.

KEYNOTE LEGEND

1	CAST-IN-PLACE CONCRETE SIDEWALK
2	ADA COMPLIANT CONCRETE SIDEWALK RAMP 1:12 MAX SLOPE. REFER TO DETAIL ON SHEET A500
3	1-1/4" DIAMETER TUBE STEEL PIPE HANDRAIL, PRIME AND PAINT - COLOR TO BE SELECTED BY ARCHITECT - REFER TO DETAILS ON SHEET A500
4	CONCRETE CURB
5	PROVIDE AND INSTALL APPROXIMATELY 16 C.Y. OF FILL MATERIAL THIS LOCATION. TAPER FROM WEST SIDE OF SLAB TO EXISTING GRADE

BID LOT #3 (DESIGN OPTION 3) AND ALTERNATE SCHEDULE

BID LOT #3 (DESIGN OPTION 3): IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

ADDITIVE ALTERNATE #5: ADDITIONAL COVERED TEE BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL 10 ADDITIONAL COVERED TEE BAYS AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #6: ELECTRICAL FOR ADDITIONAL BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 ADDITONAL BAYS WITHIN ADDITIVE ALTERNATE #5.

ELEVATION ABBREVIATIONS

- ETOC= EXISTING TOP OF CONCRETE
- TOBC= TOP OF BACK OF CURB
- TOC= TOP OF CONCRETE
- TOS= TOP OF SLAB
- TOG= TOP OF EXISTING GRADE(VERIFY IN FIELD)

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PROJECT NO.
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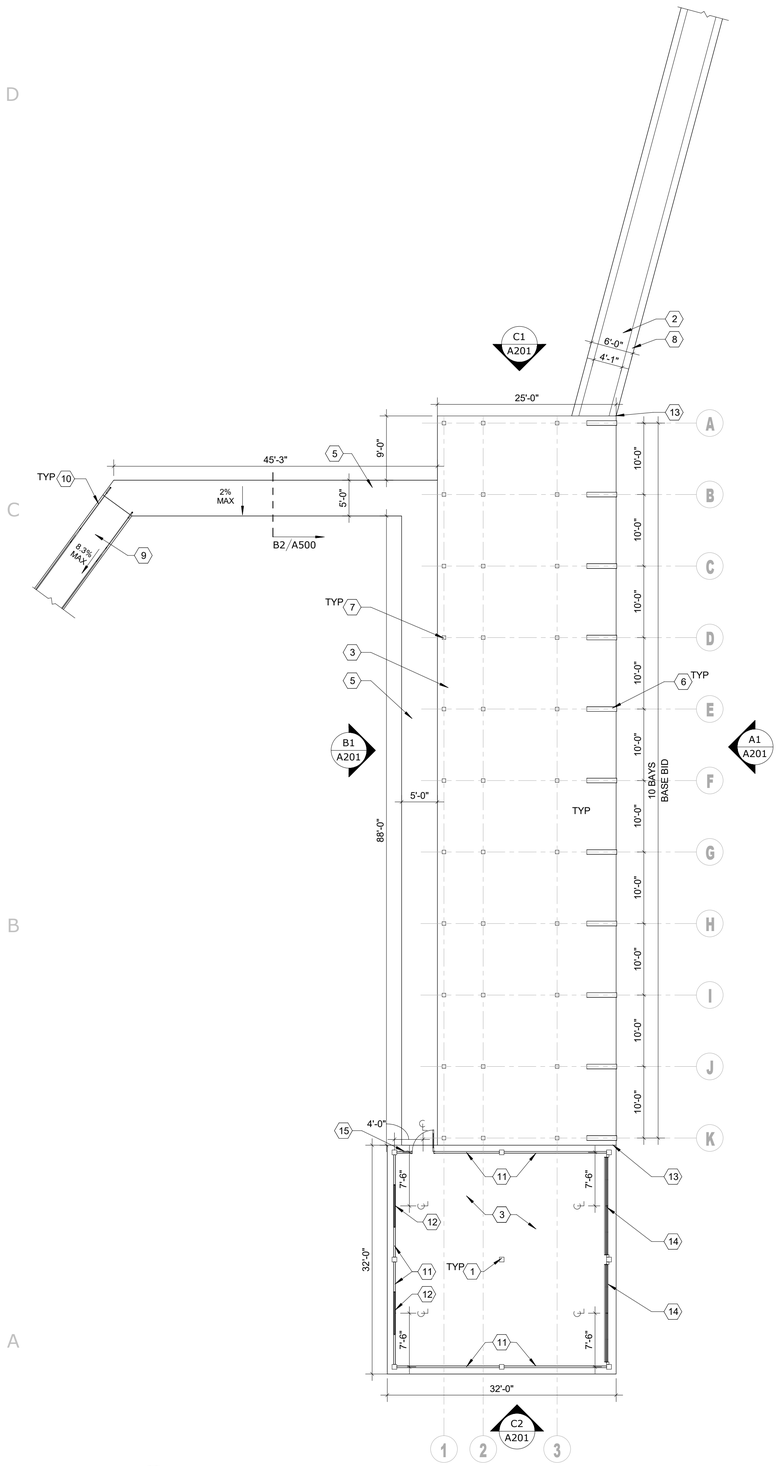
SHEET TITLE

SITE PLAN - BID LOT #3 (DESIGN OPTION 3)

SHEET NO.

A100.3



A1
A101.1
FLOOR PLAN - BID LOT #1 (DESIGN OPTION 1)
1" = 10'-0"

GENERAL NOTES - CONCRETE

A. CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI), RECOMMENDED PRACTICE, FOR CONCRETE FORMWORK: (ACI), "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE" (ACI) AND "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318).
B. STRUCTURAL SLAB CONCRETE SHALL HAVE MINIMUM 28-DAY FIELD CURED COMPRESSIVE STRENGTH OF 4,500 PSI UNLESS OTHERWISE SPECIFIED. ALL OTHER SITE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI.
C. ADMIXTURES CONTAINING CHLORIDE SALTS SHALL NOT BE USED.
D. MATERIALS FOR CONCRETE:
   A. PORTLAND CEMENT - ASTM C494, TYPE AS REQUIRED.
   B. AGGREGATES:- ASTM C33.
   C. WATER- POTABLE, CLEAN, FREE OF OILS, ACIDS, ALKALI, AND ORGANIC MATTER.
   D. AIR ENTRAINING .ADMIXTURE - ASTM C260.
   E. WATER-REDUCING ADMIXTURE - ASTM C494, TYPE A.
E. MEMBRANE-FORMING CURING COMPOUND- ASTM C309, TYPE 1; HUNT PROCESS CO. 225-TU, OR MADDEN "PERMASHIELD 71" OR EQUIVALENT.
F. CONCRETE SHALL BE OF "READY-MIXED CONCRETE" AND SHALL CONFORM TO ASTM C94. MIX DESIGN ALTERNATE NO. 2.
G. AT TIME OF PLACEMENT CONCRETE SHALL HAVE A SLUMP OF 4" MAXIMUM PER ASTM C143.
H. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED DURING PLACEMENT USING A MECHANICAL VIBRATOR.
I. CONCRETE, WHEN PLACED, SHALL HAVE A TEMPERATURE BETWEEN 50 DEGREES F AND 70 DEGREES F. TEMPERATURE OF CONCRETE DURING MIXING OR TRANSPORTATION SHALL NEVER BE LOWER THAN 40 DEGREES F NOR HIGHER THAN 90 DEGREES F.
J. ACI 306: DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 40 DEGREES F.) CONTRACTOR SHALL MAINTAIN CONCRETE AT A MINIMUM TEMPERATURE OF 50 DEGREES F FOR 3 DAYS AND ABOVE 32 DEGREES F FOR 14 DAYS FOLLOWING ITS PLACEMENT.
K. ACI 305: DURING HOT WEATHER (AMBIENT TEMPERATURE ABOVE 60 DEGREES F.) CONTRACTOR SHALL MINIMIZE TEMPERATURE AND SHRINKAGE CRACKING OF CONCRETE.
L. MEMBRANE CURING COMPOUNDS CONFORMING TO ASTM C309, SHALL BE PROVIDED ON ALL HORIZONTAL SLAB SURFACES IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTION.
M. CONCRETE SHALL BE CONVEYED AND DEPOSITED IN ACCORDANCE WITH RECOMMENDATIONS OF ACI 614.
N. EXPANSION CONTROL: PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AT 25 FEET ON CENTER EACH WAY MAXIMUM U.N.O. ON STRUCTURAL DRAWINGS. PROVIDE HEAVY (3/4") TOOLED JOINTS 6 FEET ON CENTER AND 1/2" IMPREGNATED CELOTEX-BRAND OR OTHER PREMOLDED EXPANSION JOINTS AT 30 FEET ON CENTER IN ALL EXTERIOR WALKS AND SLABS OR AS INDICATED ON DRAWINGS.
O. FINISHED GRADING FOR SLABS-ON-GRADE WHERE POLY VISQUEEN VAPOR BARRIERS ARE NOT BEING USED SHOULD BE DAMP AT TIME OF CONCRETE PLACEMENT.

GENERAL NOTES - FLOOR PLAN

A. REFER TO REFLECTED CEILING PLAN SHEETS FOR CEILING-MOUNTED EQUIPMENT, CEILING TRANSITIONS AND DETAIL INFORMATION.
B. REFER TO STRUCTURAL DRAWINGS FOR WINDOW SIZES. ALL WINDOWS PROVIDED AND INSTALLED BY "COVER THE TEES".
C. REFER TO PLUMBING SHEETS FOR PLUMBING FIXTURE LOCATIONS AND SCHEDULES.
D. SEAL ALL PENETRATIONS AT EXTERIOR WALLS.
E. ALL DIMENSIONS ARE TO FACE OF SLAB U.N.O. COLUMNS ARE TO CENTERLINE OF COLUMN. WINDOW AND DOOR DIMENSIONS ARE TO CENTERLINE OF OPENING IN WINDSCREEN WALLS.
F. PROVIDE AND INSTALL ROOM IDENTIFICATION SIGNAGE WITH BRAILLE AT ALL ROOMS AND EXITS PER NMSU STANDARDS. RESTROOM SIGNAGE TO INCLUDE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
G. THE COVERED TEE LINE AND LEARNING CENTER DEPICTED ARE A PROPRIETARY AND ARE TO BE PROVIDED AND INSTALLED BY "COVER THE TEES" 1713 KENNEDY PT. OVIEDO, FL 32765. CONTACT: MARK CASTER. PH: 312-972-4653

KEYNOTE LEGEND

1	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
2	FIBERBUILT PERFORMANCE TURF TEE LINE OR EQUAL AS APPROVED BY OWNER
3	CAST-IN-PLACE CONCRETE SLAB. CONTRACTOR TO INSTALL PER "COVER THE TEES" REQUIREMENTS. COORDINATE WITH "COVER THE TEES" - REFER TO STRUCTURAL
5	CAST-IN-PLACE CONCRETE SIDEWALK
6	4'-0" HITTING BAY DIVIDER PROVIDED AND INSTALLED BY "COVER THE TEES".
7	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
8	CAST-IN-PLACE CONCRETE SLAB
9	ADA COMPLIANT CONCRETE SIDEWALK RAMP 1:12 MAX SLOPE. REFER TO DETAIL ON SHEET A500
10	1-1/4" DIAMETER TUBE STEEL PIPE HANDRAIL, PRIME AND PAINT - COLOR TO BE SELECTED BY ARCHITECT - REFER TO DETAILS ON SHEET A500
11	WINDSCREEN PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
12	6'-0" X 4-0" WINDOW PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
13	EXPANSION JOINT
14	OVERHEAD COILING DOOR - DOOR AND FRAMING PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
15	ROOM IDENTIFICATION SIGNAGE PER NMSU STANDARDS

BID LOT #1 (DESIGN OPTION 1) AND ALTERNATE SCHEDULE

BID LOT #1 (DESIGN OPTION 1) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, COVERED TEES (10 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (190' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 10 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARNING CENTER

PROJECT NORTH
TRUE NORTH

NMSU DRIVING RANGE COVERED TEES
3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
ISSUE:	05/23/2025	99% CONSTRUCTION DOCUMENTS

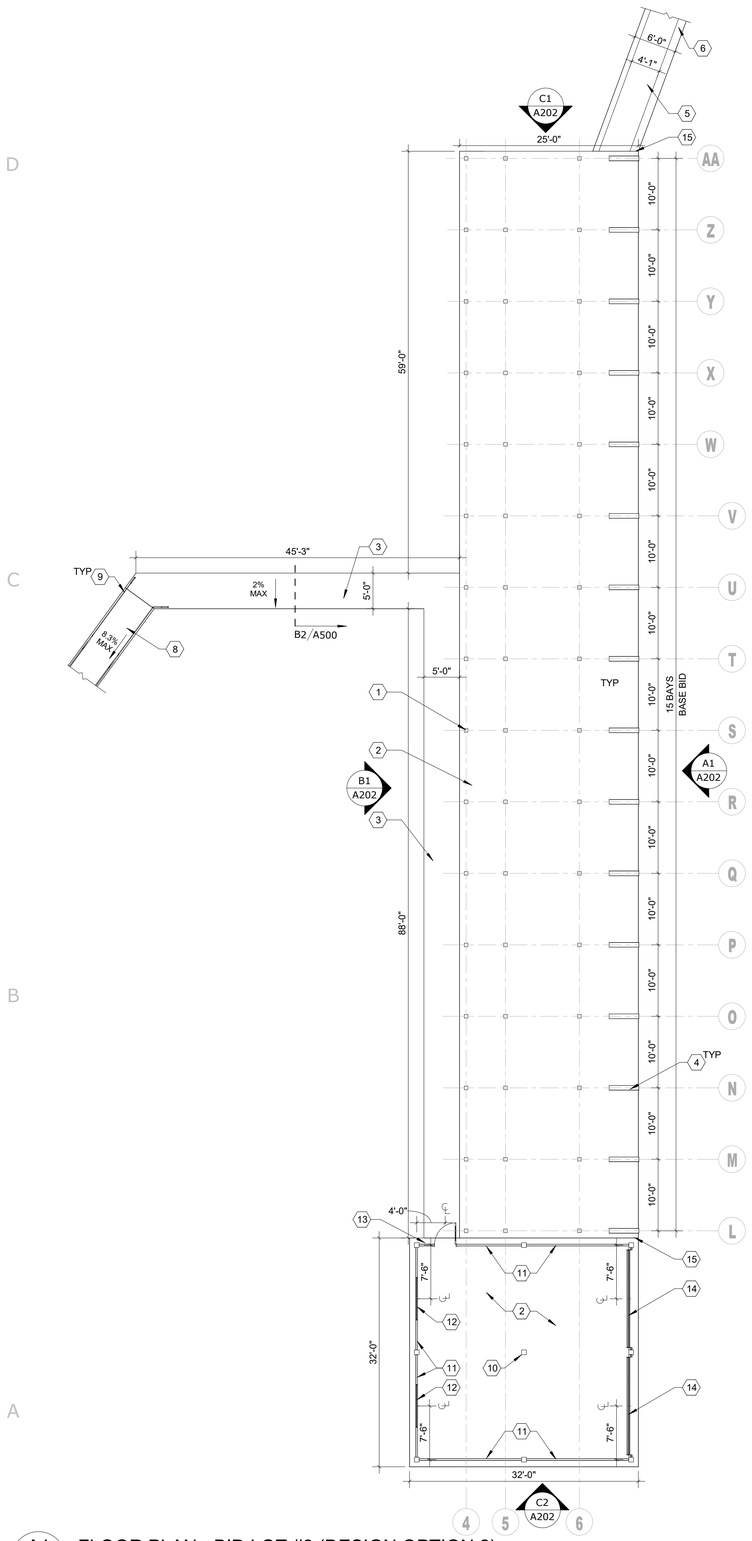
DESERT PEAK ARCHITECTS
DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

SHEET TITLE
FLOOR PLAN - BID LOT #1 (DESIGN OPTION 1)

SHEET NO.
A101.1



A1 FLOOR PLAN - BID LOT #2 (DESIGN OPTION 2)
A101.2 1" = 10'-0"

PROJECT NORTH

TRUE NORTH

GENERAL NOTES - CONCRETE

A. CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI), RECOMMENDED PRACTICE, FOR CONCRETE FORMWORK: (ACI), "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE" (ACI) AND "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318).
B. STRUCTURAL SLAB CONCRETE SHALL HAVE MINIMUM 28-DAY FIELD CURED COMPRESSIVE STRENGTH OF 4,500 PSI UNLESS OTHERWISE SPECIFIED. ALL OTHER SITE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI.
C. ADMIXTURES CONTAINING CHLORIDE SALTS SHALL NOT BE USED.
D. MATERIALS FOR CONCRETE:
   A. PORTLAND CEMENT - ASTM C494, TYPE AS REQUIRED.
   B. AGGREGATES- ASTM C33.
   C. WATER- POTABLE, CLEAN, FREE OF OILS, ACIDS, ALKALI, AND ORGANIC MATTER.
   D. AIR ENTRAINING ADMIXTURE - ASTM C260.
   E. WATER-REDUCING ADMIXTURE - ASTM C494, TYPE A.
E. MEMBRANE-FORMING CURING COMPOUND: ASTM C309, TYPE 1; HUNT PROCESS CO. 225-TU, OR MADDEN "PERMASHIELD 71" OR EQUIVALENT.
F. CONCRETE SHALL BE OF "READY-MIXED CONCRETE" AND SHALL CONFORM TO ASTM C94. MIX DESIGN ALTERNATE NO. 2.
G. AT TIME OF PLACEMENT CONCRETE SHALL HAVE A SLUMP OF 4" MAXIMUM PER ASTM C143.
H. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED DURING PLACEMENT USING A MECHANICAL VIBRATOR.
I. CONCRETE, WHEN PLACED, SHALL HAVE A TEMPERATURE BETWEEN 50 DEGREES F AND 70 DEGREES F. TEMPERATURE OF CONCRETE DURING MIXING OR TRANSPORTATION SHALL NEVER BE LOWER THAN 40 DEGREES F NOR HIGHER THAN 90 DEGREES F.
J. ACI 306: DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 40 DEGREES F.) CONTRACTOR SHALL MAINTAIN CONCRETE AT A MINIMUM TEMPERATURE OF 50 DEGREES F FOR 3 DAYS AND ABOVE 32 DEGREES F FOR 14 DAYS FOLLOWING ITS PLACEMENT.
K. ACI 305: DURING HOT WEATHER (AMBIENT TEMPERATURE ABOVE 60 DEGREES F.) CONTRACTOR SHALL MINIMIZE TEMPERATURE AND SHRINKAGE CRACKING OF CONCRETE.
L. MEMBRANE CURING COMPOUNDS CONFORMING TO ASTM C309, SHALL BE PROVIDED ON ALL HORIZONTAL SLAB SURFACES IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTION.
M. CONCRETE SHALL BE CONVEYED AND DEPOSITED IN ACCORDANCE WITH RECOMMENDATIONS OF ACI 614.
N. EXPANSION CONTROL: PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AT 25 FEET ON CENTER EACH WAY MAXIMUM U.N.O. ON STRUCTURAL DRAWINGS. PROVIDE HEAVY (3/4") TOOLED JOINTS 6 FEET ON CENTER AND 1/2" IMPREGNATED CELOTEX-BRAND OR OTHER PREMOLDED EXPANSION JOINTS AT 30 FEET ON CENTER IN ALL EXTERIOR WALKS AND SLABS OR AS INDICATED ON DRAWINGS.
O. FINISHED GRADING FOR SLABS-ON-GRADE WHERE POLY VISQUEEN VAPOR BARRIERS ARE NOT BEING USED SHOULD BE DAMP AT TIME OF CONCRETE PLACEMENT.

GENERAL NOTES - FLOOR PLAN

A. REFER TO REFLECTED CEILING PLAN SHEETS FOR CEILING-MOUNTED EQUIPMENT, CEILING TRANSITIONS AND DETAIL INFORMATION.
B. REFER TO STRUCTURAL DRAWINGS FOR WINDOW SIZES. ALL WINDOWS PROVIDED AND INSTALLED BY "COVER THE TEES".
C. REFER TO PLUMBING SHEETS FOR PLUMBING FIXTURE LOCATIONS AND SCHEDULES.
D. SEAL ALL PENETRATIONS AT EXTERIOR WALLS.
E. ALL DIMENSIONS ARE TO FACE OF SLAB U.N.O. COLUMNS ARE TO CENTERLINE OF COLUMN. WINDOW AND DOOR DIMENSIONS ARE TO CENTERLINE OF OPENING IN WINDSCREEN WALLS.
F. PROVIDE AND INSTALL ROOM IDENTIFICATION SIGNAGE WITH BRAILLE AT ALL ROOMS AND EXITS PER NMSU STANDARDS. RESTROOM SIGNAGE TO INCLUDE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
G. THE COVERED TEE LINE AND LEARNING CENTER DEPICTED ARE A PROPRIETARY AND ARE TO BE PROVIDED AND INSTALLED BY "COVER THE TEES" 1713 KENNEDY PT. OVIEDO, FL 32765. CONTACT: MARK CASTER. PH: 312-972-4653

KEYNOTE LEGEND

1	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
2	CAST-IN-PLACE CONCRETE SLAB. CONTRACTOR TO INSTALL PER "COVER THE TEES" REQUIREMENTS. COORDINATE WITH "COVER THE TEES" - REFER TO STRUCTURAL
3	CAST-IN-PLACE CONCRETE SIDEWALK
4	4'-0" HITTING BAY DIVIDER PROVIDED AND INSTALLED BY "COVER THE TEES".
5	FIBERBUILT PERFORMANCE TURF TEE LINE OR EQUAL AS APPROVED BY OWNER
6	CAST-IN-PLACE CONCRETE SLAB
8	ADA COMPLIANT CONCRETE SIDEWALK RAMP 1:12 MAX SLOPE. REFER TO DETAIL ON SHEET A500
9	1-1/4" DIAMETER TUBE STEEL PIPE HANDRAIL, PRIME AND PAINT - COLOR TO BE SELECTED BY ARCHITECT - REFER TO DETAILS ON SHEET A500
10	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
11	WINDSCREEN PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
12	6'-0" X 4-0" WINDOW PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
13	ROOM IDENTIFICATION SIGNAGE PER NMSU STANDARDS
14	OVERHEAD COILING DOOR - DOOR AND FRAMING PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
15	EXPANSION JOINT

BID LOT #2 (DESIGN OPTION 2) AND ALTERNATE SCHEDULE

<u>BID LOT #2 (DESIGN OPTION 2) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (140' LENGTH) AND ASSOCIATED CONCRETE</u>

<u>ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER</u>

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

<u>ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS</u>

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

<u>ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)</u>

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

<u>ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER</u>

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

NMSU DRIVING RANGE COVERED TEES
3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
ISSUE:	05/23/2025	99% CONSTRUCTION DOCUMENTS

DESERT PEAK ARCHITECTS

DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

SHEET TITLE
FLOOR PLAN - BID LOT #2 (DESIGN OPTION 2)

SHEET NO.
A101.2

BID LOT #3 (DESIGN OPTION 3) AND ALTERNATE SCHEDULE

BID LOT #3 (DESIGN OPTION 3): IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

ADDITIVE ALTERNATE #5: ADDITIONAL COVERED TEE BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL 10 ADDITIONAL COVERED TEE BAYS AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #6: ELECTRICAL FOR ADDITIONAL BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 ADDITONAL BAYS WITHIN ADDITIVE ALTERNATE #5.

GENERAL NOTES - CONCRETE

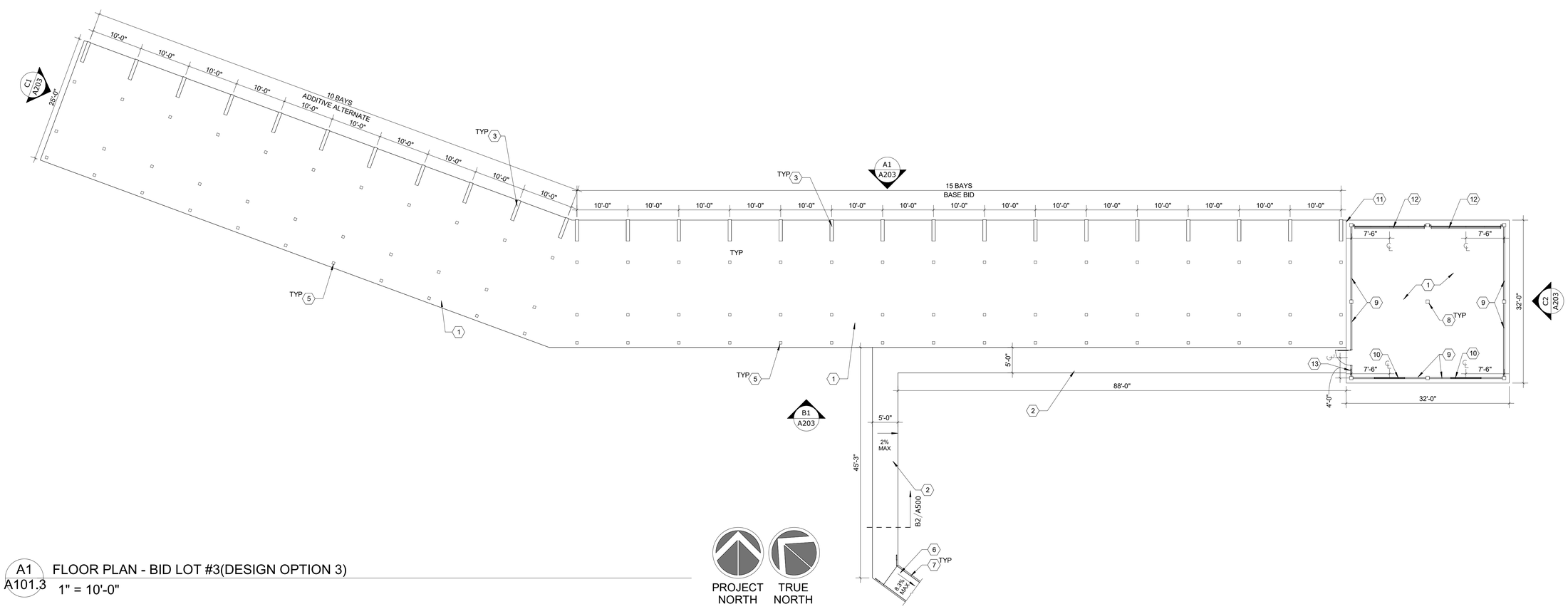
A. CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI), RECOMMENDED PRACTICE, FOR CONCRETE FORMWORK: (ACI), "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE" (ACI) AND "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318).
B. STRUCTURAL SLAB CONCRETE SHALL HAVE MINIMUM 28-DAY FIELD CURED COMPRESSIVE STRENGTH OF 4,500 PSI UNLESS OTHERWISE SPECIFIED. ALL OTHER SITE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI.
C. ADMIXTURES CONTAINING CHLORIDE SALTS SHALL NOT BE USED.
D. MATERIALS FOR CONCRETE:
   A. PORTLAND CEMENT - ASTM C494, TYPE AS REQUIRED.
   B. AGGREGATES:- ASTM C33.
   C. WATER- POTABLE, CLEAN, FREE OF OILS, ACIDS, ALKALI, AND ORGANIC MATTER.
   D. AIR ENTRAINING ADMIXTURE - ASTM C260.
   E. WATER-REDUCING ADMIXTURE - ASTM C494, TYPE A.
E. MEMBRANE-FORMING CURING COMPOUND- ASTM C309, TYPE 1; HUNT PROCESS CO. 225-TU. OR MADDEN "PERMASHIELD 71" OR EQUIVALENT.
F. CONCRETE SHALL BE OF "READY-MIXED CONCRETE" AND SHALL CONFORM TO ASTM C94. MIX DESIGN ALTERNATE NO. 2.
G. AT TIME OF PLACEMENT CONCRETE SHALL HAVE A SLUMP OF 4" MAXIMUM PER ASTM C143.
H. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED DURING PLACEMENT USING A MECHANICAL VIBRATOR.
I. CONCRETE, WHEN PLACED, SHALL HAVE A TEMPERATURE BETWEEN 50 DEGREES F AND 70 DEGREES F. TEMPERATURE OF CONCRETE DURING MIXING OR TRANSPORTATION SHALL NEVER BE LOWER THAN 40 DEGREES F NOR HIGHER THAN 90 DEGREES F.
J. ACI 306: DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 40 DEGREES F.) CONTRACTOR SHALL MAINTAIN CONCRETE AT A MINIMUM TEMPERATURE OF 50 DEGREES F FOR 3 DAYS AND ABOVE 32 DEGREES F FOR 14 DAYS FOLLOWING ITS PLACEMENT.
K. ACI 305: DURING HOT WEATHER (AMBIENT TEMPERATURE ABOVE 60 DEGREES F.) CONTRACTOR SHALL MINIMIZE TEMPERATURE AND SHRINKAGE CRACKING OF CONCRETE.
L. MEMBRANE CURING COMPOUNDS CONFORMING TO ASTM C309, SHALL BE PROVIDED ON ALL HORIZONTAL SLAB SURFACES IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTION.
M. CONCRETE SHALL BE CONVEYED AND DEPOSITED IN ACCORDANCE WITH RECOMMENDATIONS OF ACI 614.
N. EXPANSION CONTROL: PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AT 25 FEET ON CENTER EACH WAY MAXIMUM U.N.O. ON STRUCTURAL DRAWINGS. PROVIDE HEAVY (3/4") TOOLED JOINTS 6 FEET ON CENTER AND 1/2" IMPREGNATED CELOTEX-BRAND OR OTHER PREMOLDED EXPANSION JOINTS AT 30 FEET ON CENTER IN ALL EXTERIOR WALKS AND SLABS OR AS INDICATED ON DRAWINGS.
O. FINISHED GRADING FOR SLABS-ON-GRADE WHERE POLY VISQUEEN VAPOR BARRIERS ARE NOT BEING USED SHOULD BE DAMP AT TIME OF CONCRETE PLACEMENT.

GENERAL NOTES - FLOOR PLAN

A. REFER TO REFLECTED CEILING PLAN SHEETS FOR CEILING-MOUNTED EQUIPMENT, CEILING TRANSITIONS AND DETAIL INFORMATION.
B. REFER TO STRUCTURAL DRAWINGS FOR WINDOW SIZES. ALL WINDOWS PROVIDED AND INSTALLED BY "COVER THE TEES".
C. REFER TO PLUMBING SHEETS FOR PLUMBING FIXTURE LOCATIONS AND SCHEDULES.
D. SEAL ALL PENETRATIONS AT EXTERIOR WALLS.
E. ALL DIMENSIONS ARE TO FACE OF SLAB U.N.O. COLUMNS ARE TO CENTERLINE OF COLUMN. WINDOW AND DOOR DIMENSIONS ARE TO CENTERLINE OF OPENING IN WINDSCREEN WALLS.
F. PROVIDE AND INSTALL ROOM IDENTIFICATION SIGNAGE WITH BRAILLE AT ALL ROOMS AND EXITS PER NMSU STANDARDS. RESTROOM SIGNAGE TO INCLUDE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
G. THE COVERED TEE LINE AND LEARNING CENTER DEPICTED ARE A PROPRIETARY AND ARE TO BE PROVIDED AND INSTALLED BY "COVER THE TEES" 1713 KENNEDY PT. OVIEDO, FL 32765. CONTACT: MARK CASTER. PH: 312-972-4653

KEYNOTE LEGEND

1	CAST-IN-PLACE CONCRETE SLAB. CONTRACTOR TO INSTALL PER "COVER THE TEES" REQUIREMENTS. COORDINATE WITH "COVER THE TEES" - REFER TO STRUCTURAL
2	CAST-IN-PLACE CONCRETE SIDEWALK
3	4'-0" HITTING BAY DIVIDER PROVIDED AND INSTALLED BY "COVER THE TEES".
5	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
6	ADA COMPLIANT CONCRETE SIDEWALK RAMP 1:12 MAX SLOPE. REFER TO DETAIL ON SHEET A500
7	1-1/4" DIAMETER TUBE STEEL PIPE HANDRAIL, PRIME AND PAINT - COLOR TO BE SELECTED BY ARCHITECT - REFER TO DETAILS ON SHEET A500
8	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
9	WINDSCREEN PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
10	6'-0" X 4-0" WINDOW PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
11	EXPANSION JOINT
12	OVERHEAD COILING DOOR - DOOR AND FRAMING PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
13	ROOM IDENTIFICATION SIGNAGE PER NMSU STANDARDS



A1 A101.3 FLOOR PLAN - BID LOT #3(DESIGN OPTION 3)
1" = 10'-0"

PROJECT NORTH
TRUE NORTH

NMSU DRIVING RANGE COVERED TEES
3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
ISSUE:	05/23/2025	99% CONSTRUCTION DOCUMENTS

DESERT PEAK ARCHITECTS

DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
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STATE OF NEW MEXICO
05/23/2025
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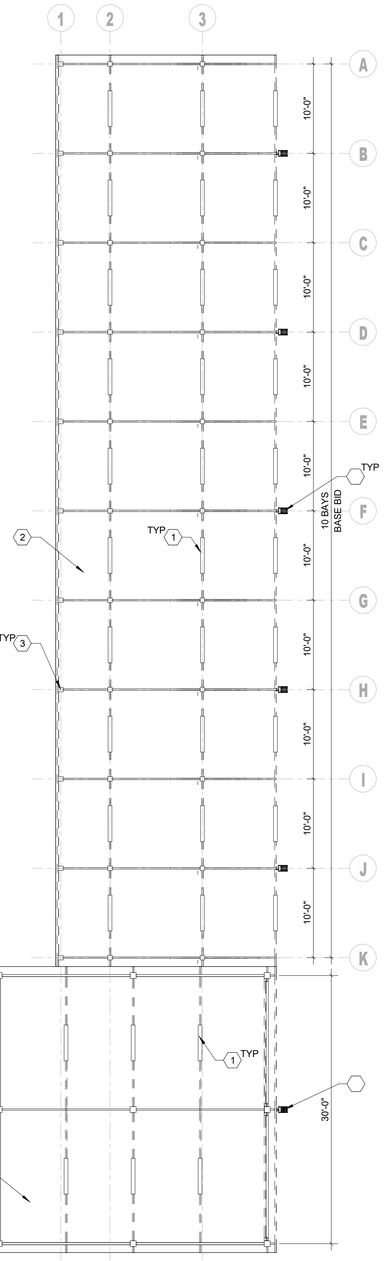
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

SHEET TITLE
FLOOR PLAN - BID LOT #3 (DESIGN OPTION 3)

SHEET NO.
A101.3



A1
A121.1 REFLECTED CEILING PLAN - BID LOT #1 (DESIGN OPTION 1)
1/8" = 1'-0"

PROJECT NORTH

TRUE NORTH

GENERAL NOTES - RCP

1. CONTRACTOR SHALL COORDINATE WITH ALL ELECTRICAL SHEETS FOR ADDITIONAL CEILING MOUNTED EQUIPMENT.

KEYNOTE LEGEND

	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
1	LED LIGHT FIXTURE (3 PER BAY), PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
2	3" METAL ROOF PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
3	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
4	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL

BID LOT #1 (DESIGN OPTION 1) AND ALTERNATE SCHEDULE

BID LOT #1 (DESIGN OPTION 1) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, COVERED TEES (10 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (190' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 10 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARNING CENTER

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
ISSUE:	05/23/2025	99% CONSTRUCTION DOCUMENTS

DESERT PEAK ARCHITECTS

DESERT PEAK ARCHITECTS P.C.
311 NORTH MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0021

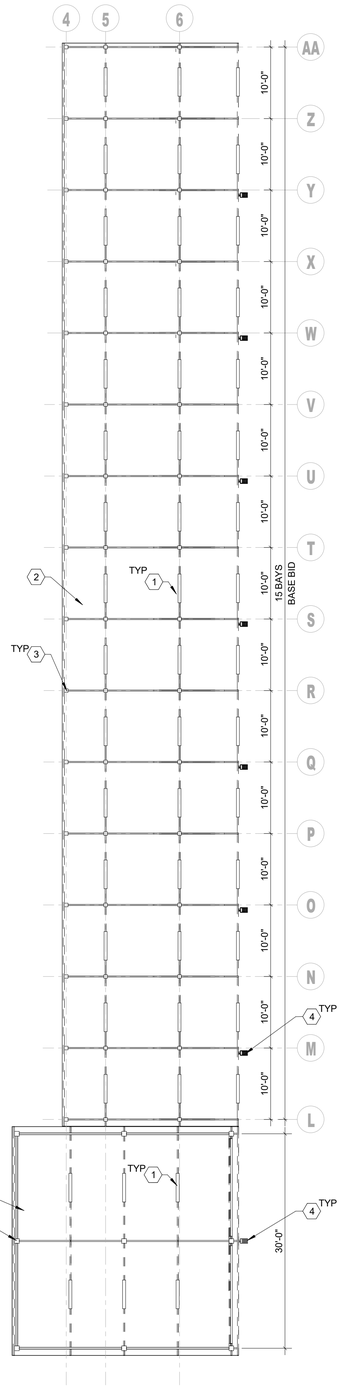
PROJECT NO.
#206-134

SHEET TITLE

REFLECTED CEILING PLAN - BID LOT #1 (DESIGN OPTION 1)

SHEET NO.

A121.1



A1 / A121.2 REFLECTED CEILING PLAN- BID LOT #2 (DESIGN OPTION 2)

1" = 10'-0"

PROJECT NORTH

TRUE NORTH

GENERAL NOTES - RCP

1. CONTRACTOR SHALL COORDINATE WITH ALL ELECTRICAL SHEETS FOR ADDITIONAL CEILING MOUNTED EQUIPMENT.

KEYNOTE LEGEND

1	LED LIGHT FIXTURE (3 PER BAY), PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
2	3" METAL ROOF PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
3	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
4	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
5	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL

BID LOT #2 (DESIGN OPTION 2) AND ALTERNATE SCHEDULE

BID LOT #2 (DESIGN OPTION 2) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (140' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
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DESERT PEAK ARCHITECTS

DESERT PEAK ARCHITECTS P.C.
311 NORTH MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0021

PROJECT NO.
#206-134

SHEET TITLE

REFLECTED CEILING PLAN - BID LOT #2 (DESIGN OPTION 2)

SHEET NO.

A121.2

GENERAL NOTES - RCP

1. CONTRACTOR SHALL COORDINATE WITH ALL ELECTRICAL SHEETS FOR ADDITIONAL CEILING MOUNTED EQUIPMENT.

KEYNOTE LEGEND

	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
1	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
2	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
3	3" METAL ROOF PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
4	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
5	LED LIGHT FIXTURE (3 PER BAY), PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL

BID LOT #3 (DESIGN OPTION 3) AND ALTERNATE SCHEDULE

BID LOT #3 (DESIGN OPTION 3): IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS, AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

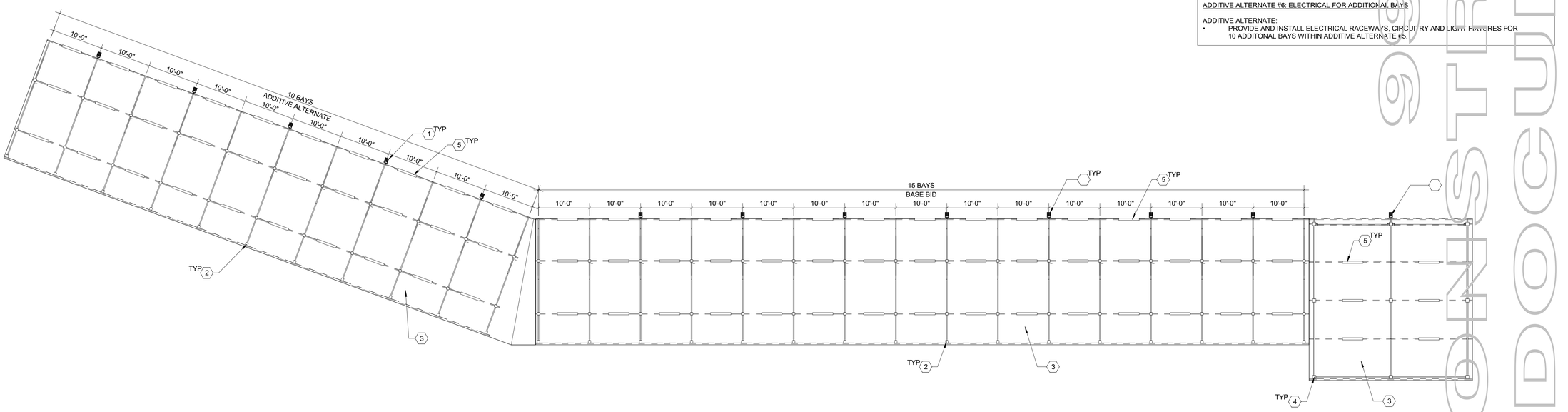
ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

ADDITIVE ALTERNATE #5: ADDITIONAL COVERED TEE BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL 10 ADDITIONAL COVERED TEE BAYS AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #6: ELECTRICAL FOR ADDITIONAL BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 ADDITONAL BAYS WITHIN ADDITIVE ALTERNATE #5.



A1 / A121.3 REFLECTED CEILING PLAN- BID LOT #3 (DESIGN OPTION 3)
1" = 10'-0"

PROJECT NORTH TRUE NORTH

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
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DESERT PEAK ARCHITECTS

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311 NORTH MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0021

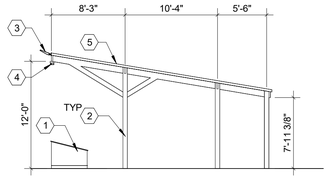
PROJECT NO.
#206-134

SHEET TITLE
REFLECTED CEILING PLAN - BID LOT #3 (DESIGN OPTION 3)

SHEET NO.
A121.3

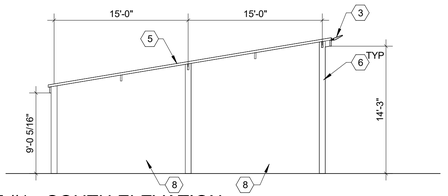
D

C



C1 A201 BID LOT #1 - NORTH ELEVATION

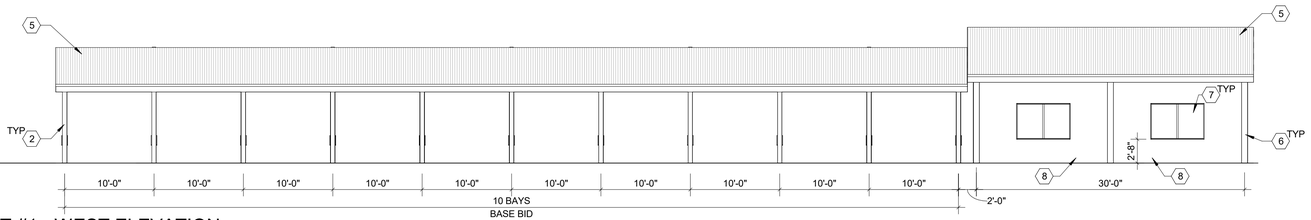
1/8" = 1'-0"



C2 A201 BID LOT #1 - SOUTH ELEVATION

1/8" = 1'-0"

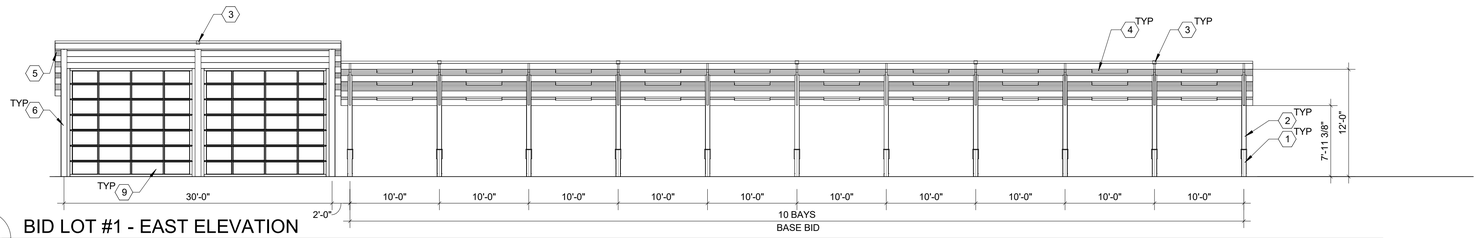
B



B1 A201 BID LOT #1 - WEST ELEVATION

1/8" = 1'-0"

A



A1 A201 BID LOT #1 - EAST ELEVATION

1/8" = 1'-0"

GENERAL NOTES - EXTERIOR ELEV

A. ALL LIGHT FIXTURES PROVIDED BY "COVER THE TEES" AND INSTALLED BY CONTRACTOR. REFER TO ELECTRICAL. COORDINATE PLACEMENT OF ALL LIGHT FIXTURES WITH "COVER THE TEES" PRIOR TO ROUGH-IN INSTALLATION.

KEYNOTE LEGEND

1	4'-0" HITTING BAY DIVIDER PROVIDED AND INSTALLED BY "COVER THE TEES".
2	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
3	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
4	LED LIGHT FIXTURE (3 PER BAY), PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
5	3" METAL ROOF PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
6	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
7	6'-0" X 4-0" WINDOW PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
8	WINDSCREEN PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
9	OVERHEAD COILING DOOR - DOOR AND FRAMING PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

BID LOT #1 (DESIGN OPTION 1) AND ALTERNATE SCHEDULE

BID LOT #1 (DESIGN OPTION 1) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, COVERED TEES (10 BAYS) AND ASSOCIATED CONCRETE, TURF TEE LINE (190' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 10 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARNING CENTER

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
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DESERT PEAK ARCHITECTS

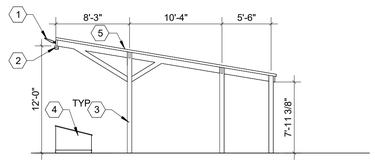
DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

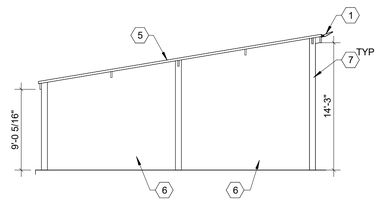
SHEET TITLE
EXTERIOR ELEVATIONS - - BID LOT #1(DESIGN OPTION 1)

SHEET NO.
A201



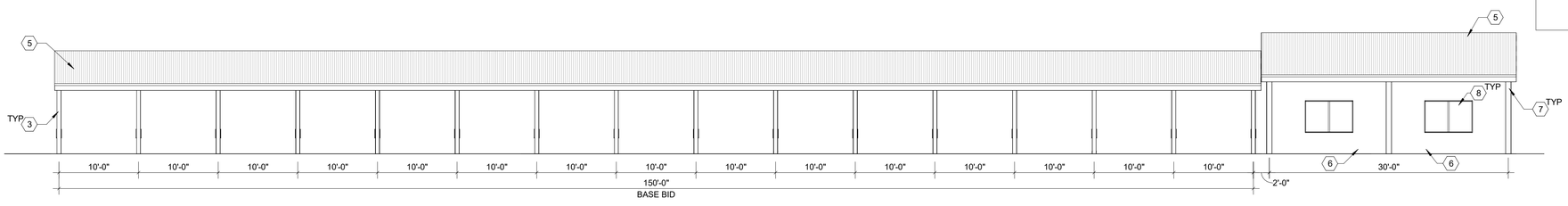
C1 A202 BID LOT #2 - NORTH ELEVATION

1/8" = 1'-0"



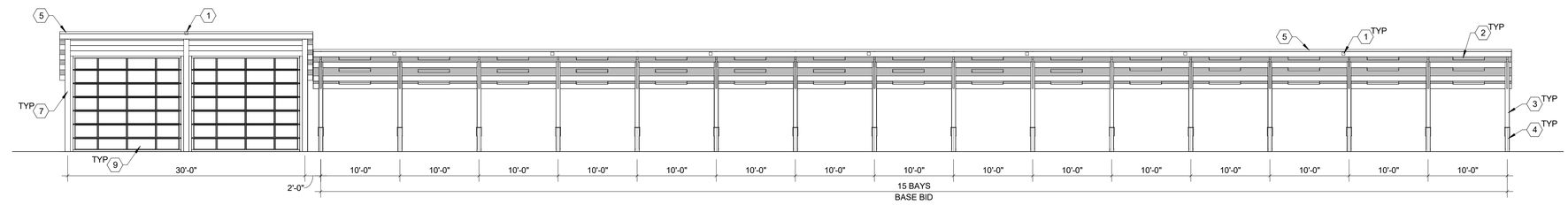
C2 A202 BID LOT #2 - SOUTH ELEVATION

1/8" = 1'-0"



B1 A202 BID LOT #2 - WEST ELEVATION

1/8" = 1'-0"



A1 A202 BID LOT #2 - EAST ELEVATION

1/8" = 1'-0"

GENERAL NOTES - EXTERIOR ELEV

A. ALL LIGHT FIXTURES PROVIDED BY "COVER THE TEES" AND INSTALLED BY CONTRACTOR. REFER TO ELECTRICAL. COORDINATE PLACEMENT OF ALL LIGHT FIXTURES WITH "COVER THE TEES" PRIOR TO ROUGH-IN INSTALLATION.

KEYNOTE LEGEND

1	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
2	LED LIGHT FIXTURE (3 PER BAY), PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
3	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
4	4'-0" HITTING BAY DIVIDER PROVIDED AND INSTALLED BY "COVER THE TEES".
5	3" METAL ROOF PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
6	WINDSCREEN PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
7	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
8	6'-0" X 4-0" WINDOW PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
9	OVERHEAD COILING DOOR - DOOR AND FRAMING PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

BID LOT #2 (DESIGN OPTION 2) AND ALTERNATE SCHEDULE

BID LOT #2 (DESIGN OPTION 2) BASE BID: IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE. TURF TEE LINE (140' LENGTH) AND ASSOCIATED CONCRETE

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
ISSUE:	05/23/2025	99% CONSTRUCTION DOCUMENTS

DESERT PEAK ARCHITECTS

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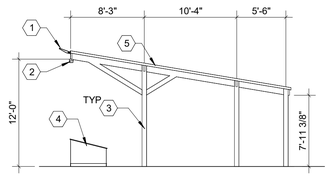
P. 575.528.0022

STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

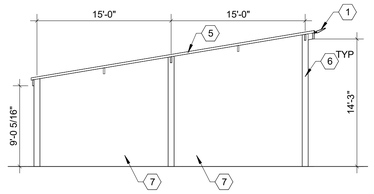
SHEET TITLE
EXTERIOR ELEVATIONS - BID LOT #2(DESIGN OPTION 2)

SHEET NO.
A202



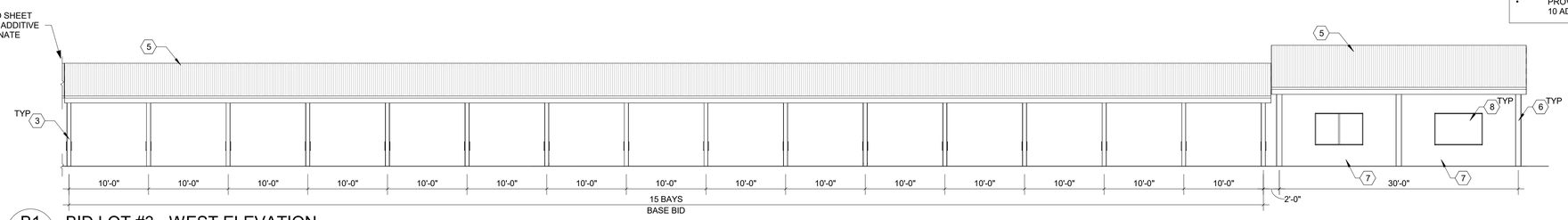
C1 A203 BID LOT #3 - NORTH ELEVATION

1/8" = 1'-0"



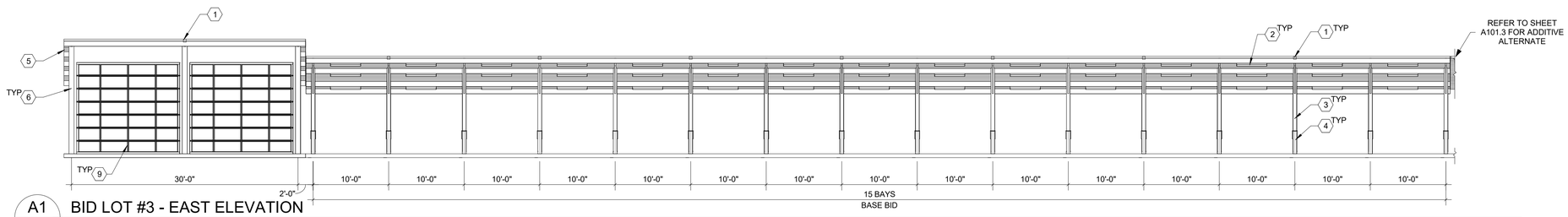
C2 A203 BID LOT #3 - SOUTH ELEVATION

1/8" = 1'-0"



B1 A203 BID LOT #3 - WEST ELEVATION

1/8" = 1'-0"



A1 A203 BID LOT #3 - EAST ELEVATION

1/8" = 1'-0"

GENERAL NOTES - EXTERIOR ELEV

A. ALL LIGHT FIXTURES PROVIDED BY "COVER THE TEES" AND INSTALLED BY CONTRACTOR. REFER TO ELECTRICAL. COORDINATE PLACEMENT OF ALL LIGHT FIXTURES WITH "COVER THE TEES" PRIOR TO ROUGH-IN INSTALLATION.

KEYNOTE LEGEND

1	EXLED LIGHT FIXTURE, PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
2	LED LIGHT FIXTURE (3 PER BAY), PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. COORDINATE PLACEMENT WITH "COVER THE TEES" - REFER TO ALTERNATE SCHEDULE - REFER TO ELECTRICAL
3	COVERED TEE-LINE STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
4	4'-0" HITTING BAY DIVIDER PROVIDED AND INSTALLED BY "COVER THE TEES".
5	3" METAL ROOF PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
6	ENCLOSED LEARNING CENTER STRUCTURE PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
7	WINDSCREEN PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
8	6'-0" X 4-0" WINDOW PROVIDED AND INSTALLED BY "COVER THE TEES" - REFER TO STRUCTURAL
9	OVERHEAD COILING DOOR - DOOR AND FRAMING PROVIDED BY "COVER THE TEES". INSTALLATION PROVIDED BY OTHERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

BID LOT #3 (DESIGN OPTION 3) AND ALTERNATE SCHEDULE

BID LOT #3 (DESIGN OPTION 3): IRRIGATION MODIFICATIONS, NEW SIDEWALK, SLAB FOR LEARNING CENTER, COVERED TEES (15 BAYS) AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #1 - CONCRETE SLAB FOR NEW LEARNING CENTER

BASE BID:
- NO CONCRETE SLAB FOR FUTURE LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL CONCRETE SLAB AND FOOTINGS FOR FUTURE LEARNING CENTER.

ADDITIVE ALTERNATE # 2 - ELECTRICAL FOR 15 COVERED TEE BAYS

BASE BID:
- NO ELECTRICAL WORK

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 15 BAYS WITHIN BASE BID.

ADDITIVE ALTERNATE #3 - INSTALL NEW LEARNING CENTER (NO ELECTRICAL)

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL LEARNING CENTER STRUCTURE TO INCLUDE FRAMING, ROOF, HITTING BAYS, MAN DOORS, OVERHEAD DOORS AND WINDOWS.

ADDITIVE ALTERNATE #4 - INSTALL ELECTRICAL WITHIN NEW LEARNING CENTER

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR LEARING CENTER

ADDITIVE ALTERNATE #5: ADDITIONAL COVERED TEE BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL 10 ADDITIONAL COVERED TEE BAYS AND ASSOCIATED CONCRETE.

ADDITIVE ALTERNATE #6: ELECTRICAL FOR ADDITIONAL BAYS

ADDITIVE ALTERNATE:
- PROVIDE AND INSTALL ELECTRICAL RACEWAYS, CIRCUITRY AND LIGHT FIXTURES FOR 10 ADDITONAL BAYS WITHIN ADDITIVE ALTERNATE #5.

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

Mark	Date	Description
ISSUE:	05/23/2025	99% CONSTRUCTION DOCUMENTS

DESERT PEAK ARCHITECTS

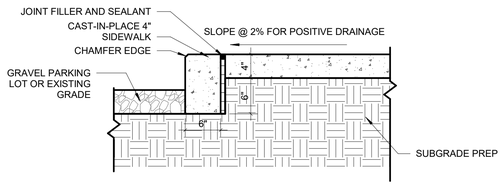
DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

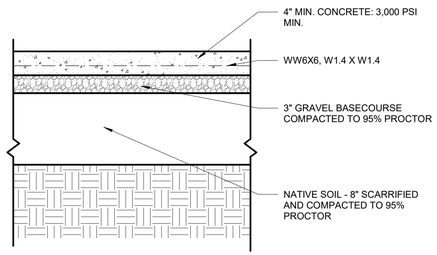
SHEET TITLE
EXTERIOR ELEVATIONS - BID LOT #3(DESIGN OPTION 3)

SHEET NO.
A203



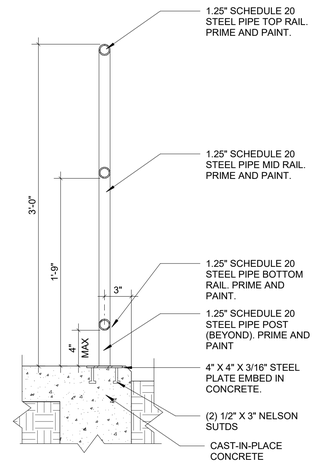
B1 A500 CONCRETE CURB DETAIL

1" = 1'-0"



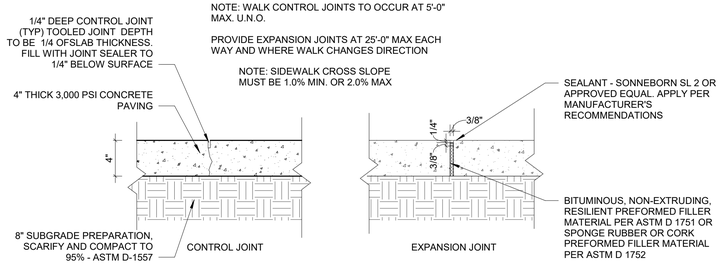
B2 A500 CONCRETE SIDEWALK DETAIL

1" = 1'-0"



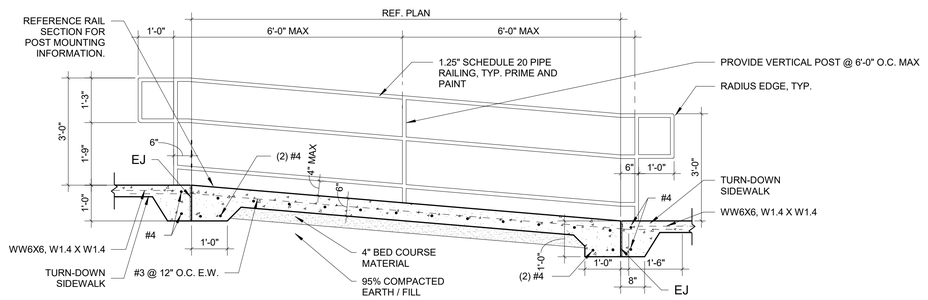
B3 A500 CONCRETE RAMP RAILING DETAIL

1 1/2" = 1'-0"



A1 A500 CONTROL JOINT / EXPANSION JOINT DETAIL

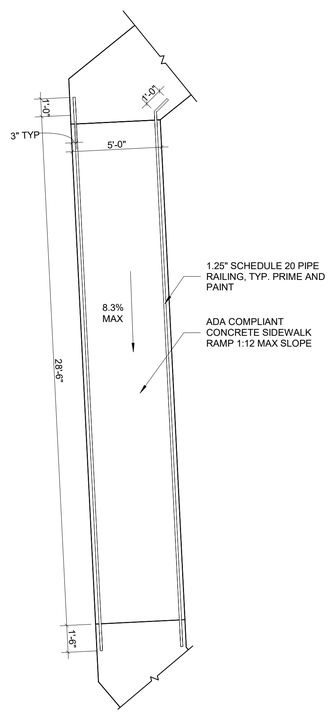
1 1/2" = 1'-0"



NOTE: MAX RUNNING SLOPE OF RAMP TO BE 1:20. MAX CROSS SLOPE AT 2%.

A2 A500 CONCRETE RAMP AND RAILING DETAIL

1/2" = 1'-0"



A3 A500 HANDRAIL DIMENSION PLAN

1/4" = 1'-0"

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

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STATE OF NEW MEXICO
05/23/2025
NOT FOR CONSTRUCTION
RUBEN CONTRERAS II
NO. 6187
REGISTERED ARCHITECT

PROJECT NO.
#206-134

SHEET TITLE

SITE DETAILS

SHEET NO.

A500

NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

NEW MEXICO ELECTRICAL SPECIFICATIONS

GENERAL REQUIREMENTS

A. COMPLY WITH ALL APPLICABLE CODES AND STANDARDS IN THE ELECTRICAL INSTALLATION, INCLUDING BUT NOT LIMITED TO THE NATIONAL ELECTRICAL CODE (NEC), NFPA GUIDELINES, IEEE STANDARDS, AND RELEVANT LOCAL, STATE, AND FEDERAL REGULATIONS. ADHERE TO PROJECT-SPECIFIC REQUIREMENTS AND SPECIFICATIONS AS OUTLINED IN THE CONSTRUCTION DOCUMENTS FOR ALL WORK. ENSURE THAT THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND INSTALLING THE ENTIRE ELECTRICAL SYSTEM IN A MANNER THAT PROMOTES SDAFETY, ENERGY EFFICIENCY, AND LONG-TERM RELIABILITY.

B. REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING ARCHITECTURAL, MECHANICAL, AND STRUCTURAL PLANS, TO ENSURE A COMPREHENSIVE UNDERSTANDING OF THE PROJECT SCOPE. INTERPRET ELECTRICAL PLANS AS DIAGRAMMATIC AND INTENDED SOLELY FOR GENERAL GUIDANCE; COORDINATE WITH ALL TRADES IN DETAIL TO PREVENT CONFLICTS AND MAINTAIN THE DESIGN INTENT. VERIFY ALL FIELD CONDITIONS, ADJUSTING INSTALLATIONS AS NECESSARY TO ENSURE PROPER FIT, FUNCTION, AND ACCESSIBILITY.

C. EXECUTE ELECTRICAL WORK EXCLUSIVELY BY LICENSED AND EXPERIENCED ELECTRICIANS. ADHERE TO INDUSTRY BEST PRACTICES FOR ALL LABOR, WITH METICULOUS ATTENTION TO DETAIL IN EVERY ASPECT OF INSTALLATION. ENFORCE TEMPORARY SAFETY MEASURES, INCLUDING LOCK-OUT/TAG-OUT PROCEDURES, STRICTLY THROUGHOUT THE PROJECT TO PREVENT ACCIDENTS AND ENSURE ON-SITE PERSONNEL SAFETY.

D. COORDINATE ELECTRICAL SYSTEMS EFFECTIVELY WITH STRUCTURAL, ARCHITECTURAL, AND MECHANICAL COMPONENTS. INSTALL ELECTRICAL CONDUITS, CABLE TRAYS, AND OTHER ELEMENTS PARALLEL OR PERPENDICULAR TO BUILDING LINES, SUPPORTING THEM IN A MANNER THAT ENSURES LONG-TERM STABILITY. CONCEAL ALL WIRING WITHIN WALLS, FLOORS, OR CEILINGS UNLESS EXPLICITLY NOTED OTHERWISE, AND FINISH EXPOSED CONDUITS TO COMPLEMENT THE BUILDING'S AESTHETIC.

E. PROTECT ALL COMPLETED INSTALLATIONS FROM POTENTIAL DAMAGE OR CONTAMINATION BY IMPLEMENTING TEMPORARY COVERS AND BARRIERS TO PREVENT DUST AND DEBRIS FROM ENTERING ELECTRICAL EQUIPMENT. KEEP EQUIPMENT ENCLOSURES SEALED UNTIL FINAL CONNECTIONS ARE MADE AND SYSTEMS ARE READY FOR COMMISSIONING.

F. PROVIDE ALL REQUIRED INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE THROUGHOUT THE WORK'S DURATION. SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTS UNLESS OTHERWISE SPECIFIED, COVERING ANY SUBSTITUTIONS REQUESTED BY THE CONTRACTOR.

G. EMERGENCY EGRESS LIGHTING TO COMPLY WITH 2020 IBC SECTION 106 AND 2021 NEC 700.12.

SUBMITTALS

H. SUBMIT DETAILED SHOP DRAWINGS FOR ALL ELECTRICAL SYSTEMS, INCLUDING PANELBOARDS, TRANSFORMERS, SWITCHGEAR, DISTRIBUTION BOARDS, LIGHTING FIXTURES, AND EMERGENCY POWER SYSTEMS. PROVIDE COMPREHENSIVE INFORMATION IN SHOP DRAWINGS ON EQUIPMENT DIMENSIONS, CIRCUITING, MOUNTING DETAILS, AND POTENTIAL CONFLICTS WITH OTHER BUILDING COMPONENTS.

I. INCLUDE PRODUCT DATA SHEETS FOR ALL ELECTRICAL MATERIALS AND EQUIPMENT WITHIN THE SUBMITTAL PACKAGE. DETAIL SPECIFICATIONS, PERFORMANCE RATINGS, COMPLIANCE CERTIFICATIONS, PHYSICAL DIMENSIONS, AND INSTALLATION REQUIREMENTS ON EACH DATA SHEET, HIGHLIGHTING ANY DEVIATIONS FROM PROJECT SPECIFICATIONS FOR REVIEW AND APPROVAL.

J. SUBMIT AS-BUILT DRAWINGS AT PROJECT COMPLETION, ACCURATELY DOCUMENTING ALL CHANGES MADE DURING INSTALLATION. INCLUDE FINAL ROUTING OF CONDUITS, CABLE TRAYS, AND CIRCUIT NUMBERS IN THESE DRAWINGS. UPDATE ALL PANEL SCHEDULES TO REFLECT THE FINAL CONFIGURATION, ENSURING EACH CIRCUIT IS CLEARLY LABELED WITH ITS CORRESPONDING LOAD.

K. PROVIDE COMPREHENSIVE OPERATION AND MAINTENANCE MANUALS FOR ALL INSTALLED EQUIPMENT. INCLUDE WIRING DIAGRAMS, CONTROL SEQUENCES, RECOMMENDED MAINTENANCE PROCEDURES, AND TROUBLESHOOTING GUIDES IN MANUALS, AND DOCUMENT WARRANTIES FOR ALL MAJOR COMPONENTS WITH CLEAR INSTRUCTIONS ON REQUESTING SERVICE DURING THE WARRANTY PERIOD.

L. SUBMIT A DETAILED COMMISSIONING PLAN OUTLINING ALL TESTING, VERIFICATION, AND DOCUMENTATION PROCEDURES. INCLUDE DESCRIPTIONS OF FUNCTIONAL TESTS, ACCEPTANCE CRITERIA, AND STEPS FOR ADDRESSING IDENTIFIED DEFICIENCIES IN THE PLAN, AND COORDINATE COMMISSIONING ACTIVITIES WITH THE OWNER'S REPRESENTATIVE TO ENSURE ALL SYSTEMS ARE FULLY OPERATIONAL AND MEET DESIGN PERFORMANCE CRITERIA.

M. PREPARE A SEQUENCE OF OPERATIONS FOR ALL CONTROL SYSTEMS, INCLUDING LIGHTING CONTROLS, HVAC INTEGRATION, AND EMERGENCY POWER SWITCHING. DEFINE CLEARLY THE INTENDED RESPONSE OF EACH SYSTEM UNDER NORMAL AND EMERGENCY CONDITIONS, SPECIFYING SETPOINTS AND OVERRIDE PROCEDURES WHERE APPLICABLE.

QUALITY ASSURANCE

N. MAINTAIN A PROVEN RECORD OF SUCCESSFULLY COMPLETING SIMILAR PROJECTS OF COMPARABLE SIZE AND COMPLEXITY AS AN ELECTRICAL CONTRACTOR. SUBMIT DOCUMENTATION OF AT LEAST FIVE YEARS OF EXPERIENCE WITH REFERENCES FROM THREE COMPLETED PROJECTS, INCLUDING CONTACT INFORMATION FOR VERIFICATION.

O. ESTABLISH A ROBUST QUALITY CONTROL PROGRAM THAT INCLUDES REGULAR INSPECTIONS AND ADHERENCE TO ALL PROJECT SPECIFICATIONS. OUTLINE PROCEDURES IN THE QUALITY CONTROL PLAN FOR MONITORING INSTALLATION, TESTING, AND COMPLIANCE DOCUMENTATION, CORRECTING NON-COMPLIANT WORK PROMPTLY AT NO ADDITIONAL COST TO THE OWNER.

P. CERTIFY ALL ELECTRICAL COMPONENTS AS UL-LISTED OR BY AN EQUIVALENT NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL). ACCOMPANY EQUIPMENT AND MATERIALS WITH DOCUMENTATION CONFIRMING COMPLIANCE WITH RELEVANT STANDARDS AND CODES, ENSURING THAT ALL ELECTRICAL COMPONENTS AND EQUIPMENT ARE NEW.

Q. MAINTAIN A COMPLETE SET OF ALL APPLICABLE CODES, STANDARDS, AND MANUFACTURER INSTRUCTIONS ON-SITE. DESIGNATE A QUALITY CONTROL REPRESENTATIVE WITH UNRESTRICTED ACCESS TO INSPECT WORK AT ANY STAGE AND VERIFY COMPLIANCE WITH SPECIFICATIONS.

R. CONDUCT REGULAR COORDINATION MEETINGS WITH REPRESENTATIVES FROM OTHER TRADES TO ENSURE THE ELECTRICAL INSTALLATION PROGRESSES HARMONIOUSLY WITH THE OVERALL CONSTRUCTION SCHEDULE. DOCUMENT MEETING MINUTES AND DISTRIBUTE THEM TO ALL RELEVANT PARTIES, NOTING ANY AGREED-UPON ADJUSTMENTS OR RESOLUTIONS TO CONFLICTS.

S. INSTALL ELECTRICAL PANELS AS PANEL BOARDS WITH COPPER BUSS, BOLTED CIRCUIT BREAKERS, AND KAIC RATINGS AS NOTED. PROVIDE A TYPED AND LAMINATED COMPLETE SCHEDULE FOR ALL DISCONNECTS, RATED FOR HEAVY-DUTY USE.

T. MARK BURIED ELECTRICAL CONDUITS PER CODE REQUIREMENTS WITH UNDERGROUND WARNING TAPE 3 INCHES BELOW THE FINISHED GRADE. USE A 4-INCH WIDE, RED-COLORED TAPE WITH A SUITABLE WARNING LEGEND PER LOCAL CODES AND JURISDICTION.

DELIVERY, STORAGE, AND HANDLING

U. DELIVER ALL ELECTRICAL EQUIPMENT AND MATERIALS TO THE SITE IN ORIGINAL, SEALED PACKAGING WITH MANUFACTURER LABELS CLEARLY INDICATING CONTENTS. INSPECT EACH SHIPMENT FOR DAMAGE, DOCUMENTING AND REPORTING DISCREPANCIES OR DEFECTS TO THE SUPPLIER IMMEDIATELY, WITH DAMAGED OR SUBSTANDARD ITEMS REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

V. STORE ELECTRICAL COMPONENTS IN A SECURE, DRY, AND WELL-VENTILATED AREA, PROTECTED FROM DUST, MOISTURE, AND EXTREME TEMPERATURES. ELEVATE EQUIPMENT SUCH AS TRANSFORMERS, SWITCHGEAR, AND PANELBOARDS OFF THE GROUND AND COVER THEM TO PREVENT CONTAMINATION, MAINTAINING A LOG OF STORAGE CONDITIONS AND CONDUCTING WEEKLY INSPECTIONS TO VERIFY MATERIAL INTEGRITY.

W. HANDLE ELECTRICAL EQUIPMENT CAREFULLY, USING PROPER LIFTING AND RIGGING METHODS TO PREVENT PHYSICAL DAMAGE. CERTIFY LIFTING EQUIPMENT, USING IT ACCORDING TO THE MANUFACTURER'S GUIDELINES, PROTECTING DELICATE COMPONENTS, SUCH AS RELAY CONTACTS AND ELECTRONIC BOARDS, FROM ELECTROSTATIC DISCHARGE (ESD) BY EMPLOYING APPROPRIATE HANDLING TECHNIQUES AND PROTECTIVE MEASURES.

INSTALLATION

X. INSTALL ALL ELECTRICAL SYSTEMS AS SPECIFIED IN THE APPROVED DRAWINGS AND IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS. EXECUTE WIRING METHODS WITH PRECISION, ENSURING THAT ALL CONDUCTORS ARE ADEQUATELY PROTECTED, SECURED, AND ROUTED TO PREVENT POTENTIAL DAMAGE, AND INSTALL RACEWAYS WITH CLEAN, EVEN BENDS, ENSURING ALL JUNCTION BOXES ARE ACCESSIBLE.

Y. RUN ALL WIRING IN RIGID CONDUIT, INTERMEDIATE METALLIC CONDUIT (IMC), OR ELECTRICAL METALLIC TUBING (EMT) ACCORDING TO THE N.E.C., ALLOWING MC CABLE ONLY FOR FIXTURE WHIPS. DO NOT USE ALUMINUM CONDUIT UNLESS SPECIFIED ON DRAWINGS, AND DO NOT INSTALL EMT OR ALUMINUM CONDUIT IN CONCRETE SLABS OR BELOW GRADE. USE MINIMUM ¾-INCH CONDUITS AND INCLUDE AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER THE N.E.C., WITH A #9 PULL WIRE IN ALL EMPTY CONDUITS.

Z. MOUNT EQUIPMENT SUCH AS SWITCHGEAR, MOTOR CONTROL CENTERS, AND DISTRIBUTION PANELS ON CONCRETE HOUSEKEEPING PADS UNLESS OTHERWISE SPECIFIED. ENSURE HOUSEKEEPING PADS ARE A MINIMUM OF 4 INCHES HIGH AND EXTEND 3 INCHES BEYOND THE EQUIPMENT FOOTPRINT ON ALL SIDES, LEVELING AND ALIGNING EQUIPMENT FOR PROPER OPERATION AND SERVICEABILITY.

AA. SEAL FIRE-RATED PENETRATIONS USING APPROVED FIRESTOP SYSTEMS TO MAINTAIN THE INTEGRITY OF THE FIRE-RATED ASSEMBLY. INSTALL FIRESTOP MATERIALS IN ACCORDANCE WITH UL LISTINGS AND MANUFACTURER INSTRUCTIONS, SUBMITTING A FIRESTOP SCHEDULE WITH DETAILS ON ALL MATERIALS USED AND THEIR RESPECTIVE RATINGS FOR REVIEW AND APPROVAL.

AB. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS AND ENSURE THAT ELECTRICAL OUTLETS, SWITCHES, AND DEVICES ALIGN WITH ARCHITECTURAL AND INTERIOR DESIGN PLANS. ADJUST INSTALLATIONS AS NECESSARY TO ACCOMMODATE MILLWORK, FINISHES, AND HVAC COMPONENTS, AVOIDING BACK-TO-BACK INSTALLATIONS IN WALLS TO REDUCE SOUND TRANSMISSION.

BB. INSTALL ELECTRICAL FIXTURES AND DEVICES WITH ATTENTION TO ALIGNMENT AND AESTHETICS, ENSURING WALL PLATES ARE FLUSH WITH FINISHED SURFACES AND SECURELY MOUNTING FIXTURES. USE TAMPER-RESISTANT RECEPTACLES IN ALL PUBLIC AREAS IN ACCORDANCE WITH THE NEC.

CC. INCREASE BRANCH CIRCUIT WIRE SIZE AS REQUIRED TO PREVENT EXCESSIVE VOLTAGE DROP AS FOLLOWS: 60'-100' – #10 AWG; OVER 100' – #8 AWG. GROUND CONDUIT SYSTEMS AND NEUTRAL CONDUCTORS PER THE N.E.C. AND LOCAL CODES, ENSURING GROUNDING AND BONDING COMPLY WITH ALL RELEVANT REQUIREMENTS.
5.8 USE THE FOLLOWING WIRING COLOR CODE:

	120/208	277/480
PHASE A	BLACK	BROWN
PHASE B	RED	ORAGE
PHASE C	BLUE	YELLOW
NEUTRAL	WHITE	GRAY
GROUND	GREEN	GREEN
SWITCH	PINK/PURPLE	PINK/PURPLE

TESTING AND COMMISSIONING

DD. PERFORM A COMPLETE SET OF ELECTRICAL TESTS TO VERIFY SYSTEM INTEGRITY, INCLUDING CONTINUITY, INSULATION RESISTANCE, GROUNDING, AND FUNCTIONAL PERFORMANCE TESTS. CALIBRATE AND CERTIFY TESTING EQUIPMENT, WITH DOCUMENTATION AVAILABLE FOR REVIEW BY THE ENGINEER.

EE. CONDUCT LOAD BALANCING ON ALL PANELBOARDS TO ENSURE EVEN DISTRIBUTION OF ELECTRICAL LOADS ACROSS ALL PHASES, DOCUMENTING PHASE CURRENT READINGS UNDER FULL LOAD CONDITIONS AND MAKING NECESSARY ADJUSTMENTS TO MAINTAIN BALANCE. SUBMIT LOAD ANALYSIS REPORTS AS PART OF COMMISSIONING DOCUMENTATION.

FF. TEST ALL EMERGENCY POWER SYSTEMS, INCLUDING AUTOMATIC TRANSFER SWITCHES (ATS) AND BACKUP GENERATORS, UNDER SIMULATED POWER FAILURE CONDITIONS. VERIFY SYSTEMS OPERATE AS DESIGNED AND PROVIDE POWER TO ALL ESSENTIAL LOADS WITHIN THE REQUIRED TIMEFRAME, DOCUMENTING TEST RESULTS, INCLUDING RUN TIMES, LOAD PERFORMANCE, AND ANOMALIES.

GG. TEST FIRE ALARM AND LIFE SAFETY SYSTEMS IN THE PRESENCE OF THE LOCAL FIRE MARSHAL, CONDUCTING FUNCTIONAL TESTS ON DETECTION, NOTIFICATION, AND CONTROL DEVICES. VERIFY NOTIFICATION APPLIANCES MEET THE SPECIFIED DECIBEL LEVELS, ENSURING FIRE ALARM CONTROL PANELS COMMUNICATE CORRECTLY WITH MONITORING STATIONS.

HH. SUBMIT A COMPREHENSIVE COMMISSIONING REPORT, INCLUDING ALL TEST RESULTS, OBSERVATIONS, CORRECTIVE

IDENTIFICATION AND LABELING

II. LABEL ALL ELECTRICAL PANELS, SWITCHGEAR, TRANSFORMERS, AND JUNCTION BOXES WITH ENGRAVED PHENOLIC NAMEPLATES. ENSURE NAMEPLATES ARE DURABLE, MOISTURE-RESISTANT, AND SECURELY FASTENED, INCLUDING INFORMATION SUCH AS EQUIPMENT DESIGNATION, VOLTAGE, AND SOURCE LOCATION.

JJ. UPDATE CIRCUIT DIRECTORIES FOR ALL PANELBOARDS, TYPE THEM, AND ENCLOSE THEM IN A PROTECTIVE COVER MOUNTED INSIDE EACH PANEL DOOR. IDENTIFY EACH CIRCUIT CLEARLY BY LOAD DESCRIPTION AND ROOM NUMBER. IF ANY CONSTRUCTION CHANGES OCCUR, UPDATE DIRECTORIES TO REFLECT THE FINAL CONFIGURATION.

KK. COLOR-CODE ALL WIRING ACCORDING TO NEC STANDARDS AND PROJECT REQUIREMENTS. USE INTEGRALLY COLORED INSULATION FOR FEEDERS, BRANCH CIRCUITS, AND CONTROL WIRING WHERE SPECIFIED, AND IDENTIFY ALL GROUNDING CONDUCTORS AND ISOLATED GROUNDS WITH APPROPRIATE LABELS.

LL. LABEL CONDUITS AT INTERVALS NOT EXCEEDING 20 FEET AND AT ALL POINTS OF TERMINATION OR ENTRY. USE PERMANENT, UV-RESISTANT LABELS FOR OUTDOOR INSTALLATIONS. LABEL EMERGENCY POWER CIRCUITS IN RED, AND APPLY DISTINCT MARKINGS TO FIRE ALARM CIRCUITS AS REQUIRED BY NFPA STANDARDS.

GROUNDING AND BONDING

MM. COMPLY WITH NEC ARTICLE 250 AND APPLICABLE LOCAL CODES FOR ALL GROUNDING AND BONDING WORK. INSTALL A CONTINUOUS, LOW-IMPEDANCE PATH TO GROUND FOR ALL ELECTRICAL ENCLOSURES, EQUIPMENT, AND RACEWAYS, USING COPPER CONDUCTORS FOR ALL GROUNDING AND BONDING APPLICATIONS UNLESS OTHERWISE APPROVED.

NN. INSTALL GROUNDING ELECTRODES, INCLUDING RODS, PLATES, AND GRIDS, TO ACHIEVE A MAXIMUM RESISTANCE OF 25 OHMS OR LESS. CONDUCT GROUND RESISTANCE TESTING WITH CERTIFIED EQUIPMENT AND SUBMIT TEST RESULTS FOR REVIEW. IF RESISTANCE VALUES DO NOT MEET REQUIREMENTS, INSTALL ADDITIONAL ELECTRODES AS NECESSARY.

OO. BOND ALL METAL PARTS OF THE ELECTRICAL SYSTEM, INCLUDING RACEWAYS, ENCLOSURES, AND SUPPORT STRUCTURES, TO THE MAIN GROUNDING SYSTEM. USE MECHANICAL OR EXOTHERMIC CONNECTIONS AS SPECIFIED, ENSURING A SECURE BOND CAPABLE OF CARRYING FAULT CURRENT.

PP. PROVIDE ISOLATED GROUND SYSTEMS FOR SENSITIVE ELECTRONIC EQUIPMENT AS SPECIFIED IN THE PLANS. BOND ISOLATED GROUNDS ONLY TO THE MAIN GROUNDING SYSTEM AT THE SERVICE ENTRANCE OR DESIGNATED GROUNDING POINT TO PREVENT ELECTRICAL NOISE INTERFERENCE.

SELECTIVE DEMOLITION AND RENOVATION

QQ. IDENTIFY AND VERIFY ALL CIRCUITS AND DEVICES TO BE REMOVED BEFORE STARTING DEMOLITION WORK. REMOVE ALL ABANDONED WIRING AND CONDUIT BACK TO THE SOURCE PANEL OR CAP AND LABEL THEM AS □SPARE□ APPROPRIATELY. DOCUMENT ALL REMOVED OR MODIFIED COMPONENTS.

RR. COORDINATE WITH THE OWNER, ARCHITECT, AND/OR ENGINEER FOR ANY WORK THAT MAY AFFECT ELECTRICAL SERVICES OUTSIDE THE CONTRACT'S SCOPE. SCHEDULE ANY SHUTDOWNS OR SYSTEM TIE-INS RELATED TO THESE SERVICES AND SUBMIT THEM IN WRITING FOR APPROVAL BY THE OWNER'S FACILITY MANAGEMENT, OWNER, ARCHITECT, OR ENGINEER. SUBMIT A WRITTEN CONSTRUCTION PHASING SCHEDULE OUTLINING THE PRIORITY AREAS FOR EACH WORK PHASE, INCLUDING ANTICIPATED COMPLETION TIMES, AT LEAST ONE WEEK BEFORE COMMENCING WORK. ALLOW FACILITY MANAGEMENT, THE OWNER, ARCHITECT, OR ENGINEER TO REVIEW AND APPROVE THESE SCHEDULES BEFORE STARTING THE WORK.

SS. SALVAGE ANY REUSABLE ELECTRICAL COMPONENTS AS DIRECTED BY THE OWNER, AND PROPERLY DISPOSE OF HAZARDOUS MATERIALS SUCH AS FLUORESCENT LAMPS, MERCURY SWITCHES, AND PCB-CONTAINING BALLASTS ACCORDING TO LOCAL AND FEDERAL ENVIRONMENTAL REGULATIONS.

TT. REPAIR AND RESTORE ANY SURFACES AFFECTED BY ELECTRICAL WORK TO MATCH SURROUNDING FINISHES, COORDINATING PATCHING, PAINTING, AND OTHER RESTORATION ACTIVITIES WITH THE GENERAL CONTRACTOR TO ENSURE A SEAMLESS APPEARANCE.

SAFETY AND HOUSEKEEPING

UU. ADHERE TO STRICT SAFETY STANDARDS THROUGHOUT THE PROJECT. IMPLEMENT LOCK-OUT/TAG-OUT PROCEDURES FOR ALL ENERGIZED CIRCUITS AND EQUIPMENT, PROVIDE PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR ALL WORKERS, AND ENFORCE OSHA SAFETY REGULATIONS. CONDUCT REGULAR SAFETY MEETINGS AND TRAINING SESSIONS TO PROMOTE SAFETY AWARENESS.

VV. MAINTAIN A CLEAN AND ORGANIZED WORK AREA AT ALL TIMES. REMOVE DEBRIS DAILY, STORE MATERIALS IN DESIGNATED AREAS, AND ENSURE ALL PATHWAYS, EXITS, AND EMERGENCY ACCESS POINTS REMAIN UNOBSTRUCTED. PERFORM DAILY INSPECTIONS TO IDENTIFY AND ADDRESS ANY SAFETY HAZARDS.

WW. ERECT TEMPORARY BARRIERS AND POST WARNING SIGNS AROUND HAZARDOUS AREAS TO PROTECT BUILDING OCCUPANTS AND VISITORS. ENSURE BARRIERS ARE STURDY AND SECURE, AND THAT SIGNS ARE CLEARLY VISIBLE AND EASY TO READ. REMOVE ALL TEMPORARY PROTECTIONS UPON PROJECT COMPLETION AND CLEAN THE AREA THOROUGHLY.

WARRANTY AND MAINTENANCE

XX. PROVIDE A MINIMUM ONE-YEAR WARRANTY ON ALL ELECTRICAL SYSTEMS, COVERING BOTH LABOR AND MATERIALS. ADDRESS AND CORRECT ANY DEFECTS OR FAILURES ARISING DURING THE WARRANTY PERIOD PROMPTLY AND AT NO ADDITIONAL COST TO THE OWNER. SECURE EXTENDED WARRANTIES FOR CRITICAL ELECTRICAL COMPONENTS, INCLUDING TRANSFORMERS, SWITCHGEAR, AND CONTROL PANELS, CLEARLY SPECIFYING TERMS AND COVERAGE FOR EACH COMPONENT WITHIN THE WARRANTY DOCUMENTATION.

YY. SUPPLY COMPREHENSIVE MAINTENANCE MANUALS FOR ALL INSTALLED ELECTRICAL EQUIPMENT, DETAILING STEP-BY-STEP PROCEDURES FOR ROUTINE MAINTENANCE, RECOMMENDED SERVICE INTERVALS, TROUBLESHOOTING GUIDES, AND A LIST OF RECOMMENDED SPARE PARTS. ORGANIZE INFORMATION FOR EASY REFERENCE DURING MAINTENANCE ACTIVITIES. SCHEDULE AND CONDUCT A TRAINING SESSION FOR THE OWNER'S MAINTENANCE STAFF TO COVER ALL ASPECTS OF SYSTEM OPERATION, MAINTENANCE PROCEDURES, AND SAFETY PRACTICES, ENSURING STAFF ARE FULLY PREPARED FOR ONGOING SYSTEM UPKEEP.

ZZ. PERFORM A POST-WARRANTY INSPECTION TO EVALUATE THE ELECTRICAL SYSTEM'S PERFORMANCE, DOCUMENTING ANY NECESSARY ADJUSTMENTS OR IMPROVEMENTS. SUBMIT A REPORT SUMMARIZING THE INSPECTION RESULTS, IDENTIFYING AREAS THAT MAY NEED FURTHER ATTENTION, AND PROVIDING RECOMMENDATIONS FOR MAINTAINING SYSTEM EFFICIENCY, RELIABILITY, AND OPTIMAL PERFORMANCE.

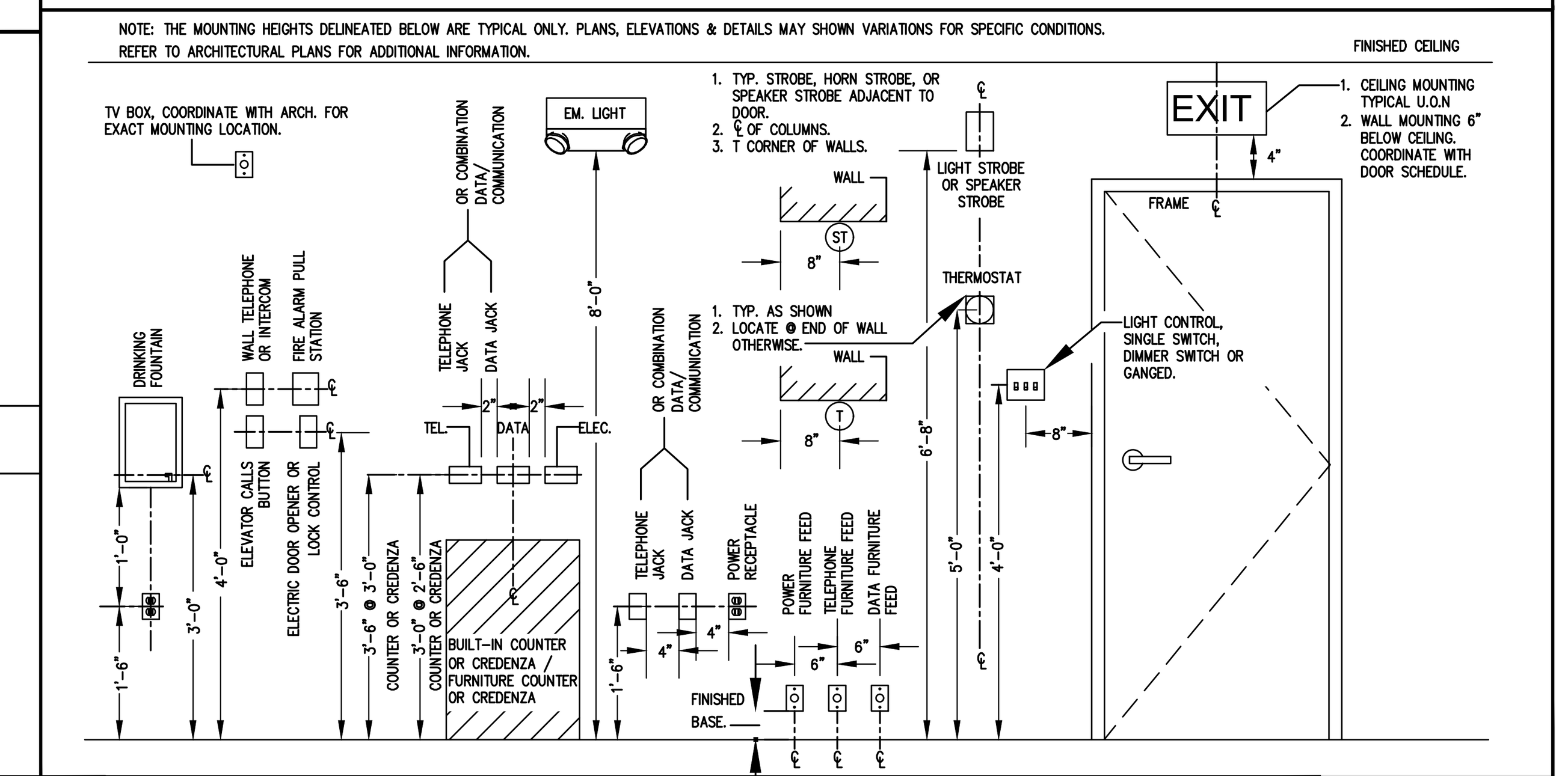
ELECTRICAL SYMBOL LEGEND

A OR AMP	AMPERE	EWH	ELECTRICAL WATER HEATER	MTD	MOUNTED	RTU	ROOF TOP UNIT
AF	AMP FUSED	FA	FIRE ALARM	NC	NORMALLY CLOSED	SW	SWITCH
AFF	ABOVE FINISH FLOOR	FLA	FULL LOAD AMPERES	NEC	NATIONAL ELECTRIC CODE	TC	TIMER CONTACTOR
AHU	AIR HANDLING UNIT	GC	GENERAL CONTRACTOR	NEUT	NEUTRAL	T OR XFORMER	TRANSFORMER
AIC	AMPS INTERRUPTING CAPACITY	GFI	GROUND FAULT INTERRUPTER	NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION	TEL	TELEPHONE
AL	ALUMINUM	GND	GROUND			TYP	TYPICAL
COND./C	CONDUIT	HP	HORSE POWER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	UG	UNDER GROUND
CKT	CIRCUIT	HZ	HERTZ			UH	UNIT HEATER
CLG	CEILING	IG	ISOLATED GROUND	NF	NON FUSED	V	VOLT
CU	COPPER	J-BOX	JUNCTION BOX	NO	NORMALLY OPEN	VA	VOLT AMPERES
DISC	DISCONNECT	KVA	KILOVOLT AMPERES	PB	PUSHBUTTON	W	WATTS
EC	ELECTRICAL CONTRACTOR	KW	KILOWATT	PC	PHOTOCELL	WP	WEATHER PROOF
EM	EMERGENCY	LTG	LIGHTING	PH	PHASE	W/O	WITHOUT
EPEC	EL PASO ELECTRIC COMPANY	MC/MECH	MECHANICAL CONTRACTOR	PNL	PANEL	Y	WYE CONNECTED
EWC	ELECTRICAL WATER COOLER	MCM	THOUSAND CIRCULAR MIL	PVC	POLYVINYL CHLORIDE CONDUIT	ø	PHASE

DEFINITIONS

CONTRACTOR	MEANS THE PERSON(S), FIRM OR COMPANY WHOSE TENDER FOR THE ELECTRICAL INSTALLATION HAS BEEN ACCEPTED BY THE EMPLOYER AND INCLUDE THE CONTRACTOR'S PERSONAL REPRESENTATIVE, SUCCESSOR, AND PERMITTED ASSIGNS.(The word "Contractor" may also mean sub-contractor as the context requires.)	EQUIPMENT SUPPLIER	MEANS A PERSON WHO GENERATE, SUPPLIES AND SELLS SPECIAL EQUIPMENT FOR USE IN THE PROJECT.
		PROVIDE	FURNISH AND INSTALL, UNLESS OTHERWISE NOTED.
		OR EQUAL	EQUAL IN QUALITY AND FUNCTION.
DRAWINGS	MEANS THE DRAWINGS REFEREED TO IN THE CONTRACT AND ANY MODIFICATION OF SUCH DRAWINGS APPROVED BY THE ARCHITECT AND SUCH OTHER DRAWINGS AS MAY FROM TIME TO TIME BE FURNISHED OR APPROVED IN WIRING BY ARCHITECT.	INSTALL	FURNISH AND INSTALL, UNLESS OTHERWISE NOTED.
		OTHERS	MEANS ANOTHER PERSON WILL PROVIDE OR INSTALL SUCH AS OTHER CONTRACTOR, OWNER, TENANT, ETC.

TYPICAL DEVICE MOUNTING HEIGHTS



NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE ABOVE FINISHED FLOOR, MOUNTING HEIGHTS INDICATED ON ARCHITECTURAL WALL ELEVATIONS OR AS NOTED SPECIFICALLY ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER MOUNTED HEIGHTS LISTED BELOW.

ELECTRICAL SYMBOL LEGEND

NOTE: THESE SYMBOLS COMPRISE A STANDARD LIST; NOT ALL SYMBOLS MAY APPEAR ON THIS PROJECT.

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION	MTG. HT.
A	LED LINEAR OR TROFFER LIGHT FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	DIRECTIONAL LIGHT, LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	WALL MOUNTED LIGHT FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	RECESSED CAN OR DOWNLIGHT LIGHT FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
EF	EXHAUST FAN, REFER TO MECHANICAL PLANS	
A	LED POLE MTD. LIGHT FIXTURE AND POLE, CAPITAL LETTER INDICATES FIXTURE AND POLE TYPE, REFER TO FIXTURE SCHEDULE	
A	LED DECORATIVE CHANDELIER LIGHT FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	PENDANT DECORATIVE LIGHT FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	CEILING FAN WITH OR WITHOUT LIGHT KIT, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
EM	EMERGENCY LIGHT, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
X1	EXIT LIGHT, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	BOLLARD LIGHTING FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
A	TRACK SYSTEM WITH LIGHT FIXTURES, CAPITAL LETTER INDICATES TRACK AND FIXTURE TYPE, REFER TO FIXTURE SCHEDULE	
$	WALL SWITCH, 20A SINGLE POLE, SINGLE THROW	48"
OC	CEILING MOUNTED OCCUPANCY SENSOR, WITH BYPASS SWITCH WALL MOUNTED	

Wall switch types:

SYM	DESCRIPTION	SYM	DESCRIPTION
ab	SWITCH LEG CONTROL	T	ROTARY TIMER
2	DOUBLE POLE	M	HORSE POWER MOTOR RATED SWITCH
3	THREE WAY	OR	OCCUPANCY SENSOR, WITH BYPASSINFRA-RED SENSOR
4	FOUR WAY		
D	SLIDER DIMMER (1400W MIN.)		
K	KEYED SWITCH (WITH OPERATING DEVICE TOOL)	OU	OCCUPANCY SENSOR, WITH BYPASS ULTRASONIC SENSOR
B	BYPASS SWITCH	OC	OCCUPANCY SENSOR, WITH BYPASS DUAL TECHNOLOGY
LV	LOW VOLTAGE SWITCH		
P	RED PILOT LIGHT		

Ceiling mounted occupancy sensor types:

SYM	DESCRIPTION
OR	OCCUPANCY SENSOR, WITH BYPASS INFRA-RED SENSOR
OU	OCCUPANCY SENSOR, WITH BYPASS ULTRASONIC SENSOR
OC	OCCUPANCY SENSOR, WITH BYPASS DUAL TECHNOLOGY SENSOR (INFRARED & ULTRASONIC)

POWER SYMBOLS

SYMBOL	DESCRIPTION	MTG. HT.
	JUNCTION BOX	
	DUPLEX RECEPTACLE OUTLET, WALL MOUNTED	18"
	DUPLEX RECEPTACLE OUTLET GFCI RATED, WALL MOUNTED	44"
	120/250VAC - 30A. 10-30R, RECEPTACLE WALL MOUNTED	18"
	SWITCHED OUTLET, SPLIT WIRE 1/2 SWITCHED, 1/2 HOT	18"
	QUADRUPLEX RECEPTACLE, WALL MOUNTED	18"
	FLOOR BOX. PROVIDE WITH RECEPTACLE(S) AND SPACE FOR TEL/DATA	
	DUPLEX RECEPTACLE OUTLET, CEILING MOUNTED	
	DUPLEX RECEPTACLE OUTLET, STUBB-UP 18" A.F.F. FOR EQUIPMENT	
	ELECTRICAL WIRING THRU WALL OR CEILING	
	ELECTRICAL WIRING BELOW FLOOR OR GRADE	
EUG	ELECTRICAL FEEDER, UNDER GRADE	

Duplex receptacle types:

SYM	DESCRIPTION	COLOR
	STANDARD 20A	WHITE
IG	ISOLATED GROUND	ORANGE W/ TRIANGLE
GFI	20A GFCI RATED	WHITE
USB	20A WITH USB POWER PORT	WHITE
D	DEDICATED 5-20R	GRAY
EM	EMERGENCY	RED
C	CHILD PROOF	IVORY/WHITE

SYMBOL	DESCRIPTION
	TELEPHONE CONDUIT WITH PULLSTRING
	STUBBED CONDUIT, TERMINATE WITH ISOLATED PLASTIC BUSHING
A-X	HOME RUN TO PANELBOARD, CROSS MARKS INDICATE QUANTITY OF WIRE, ARROWS INDICATE QUANTITY OF CIRCUITS, NUMBERS INDICATE PANEL AND CIRCUITS
A-X	HOME RUN TO PANELBOARD, CROSS MARKS INDICATE QUANTITY OF WIRES, ARROWS INDICATE QUANTITY OF CIRCUITS, SOLID CIRCUIT INDICATED GROUND, OPEN CIRCLE INDICATE ISOLATED GROUND, NUMBERS INDICATE PANEL AND CIRCUITS
A-X	HOME RUN TO PANELBOARD, CROSS MARK ON ARROW INDICATE CIRCUIT CONTINUES TO OTHER DEVICE.
	HOME RUN TO PANELBOARD, CROSS MARK INDICATE CIRCUIT CONTINUES TO OTHER DEVICE.
	HOME RUN, CROSS MARK INDICATE CIRCUIT, HALF CIRCLE INDICATE SWITCH LEGS
	PANELBOARD, REFER TO CORRESPONDING PANEL SCHEDULE

SPECIAL SYSTEMS SYMBOLS

SYMBOL	DESCRIPTION	MTG. HT.
	DATA/TEL. BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING	18"

SPECIAL SYSTEMS SYMBOLS

SYMBOL	DESCRIPTION	MTG. HT.
	DATA BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING	18"
	TEL. BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING	18"
B	CHIME FOR DOOR BELL, WALL MOUNTED	48"
T	TRANSFORMER. VERIFY WITH MANUFACTURER.	
T R	THERMOSTAT/REMOTE SENSOR,BY OTHERS, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING	48"
S	HVAC CONTROLS, BY OTHERS, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	48"
TV	DATA/TEL. BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 3/4" WITH COAX CABLE TO CABLE TV TERMINATION POINT	
B	BUZZER, CEILING MOUNTED OR WALL MOUNTED, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING	
P	PUSH BUTTON FOR BUZZER, CEILING MOUNTED OR WALL MOUNTED, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING	
PB	PUSH BUTTON FOR DOOR OPENER, CEILING MOUNTED OR WALL MOUNTED, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING	
	3/4" FIRE RATED PLYWOOD WITH #6 CU. GROUND TO BUILDING GROUNDING SYSTEM	

FIRE ALARM SYSTEM SYMBOLS

SYMBOL	DESCRIPTION	MTG. HT.
	PULL STATION WITH STOPPER, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	48"
45	STROBE, NUMBER DENOTES 'cd' RATING, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	96"
15 S	CEILING MOUNTED STROBE, NUMBER DENOTES 'cd' RATING, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	CLG
45	HORN/STROBE, NUMBER DENOTES 'cd' RATING, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	96"
15	CEILING MOUNTED HORN/STROBE, NUMBER DENOTES 'cd' RATING, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	
	SMOKE DETECTOR	
	CARBON MONOXIDE/SMOKE DETECTOR	
	DUCT DETECTOR	
FACP	FIRE ALARM CONTROL PANEL WITH DIGITAL NOTIFIER	
ANU	FIRE ALARM REMOTE ENUNCIATOR	
TF	FIRE SUPRESSION TAMPER AND FLOW SWITCH, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	

ELECTRICAL GENERAL NOTES

A. USE THESE DRAWINGS AS A GUIDE, WITH DIAGRAMS STRUCTURED FOR CLARITY AND APPROXIMATE ELECTRICAL EQUIPMENT SIZES AND LOCATIONS DEPICTED TO SCALE WHERE FEASIBLE. CONFIRM ALL MEASUREMENTS AND CLEARANCES ON-SITE, ACCOUNTING FOR ANY SPATIAL LIMITATIONS OR STRUCTURAL ELEMENTS THAT MAY IMPACT PLACEMENT OR ALIGNMENT OF ELECTRICAL COMPONENTS.

B. COORDINATE THOROUGHLY WITH ALL OTHER TRADES, INCLUDING STRUCTURAL, MECHANICAL, AND PLUMBING TEAMS, TO ENSURE SEAMLESS INSTALLATION AND INTEGRATION OF ELECTRICAL SYSTEMS. INCLUDE DETAILED PLANNING SESSIONS TO AVOID CONFLICTS IN SHARED SPACES OR OVERLAPPING INSTALLATIONS.

C. CONDUCT A PRE-BID SITE VISIT TO ASSESS ALL EXISTING CONDITIONS, INCLUDING ANY OBSTACLES THAT MAY IMPACT ELECTRICAL INSTALLATION. ACCOUNT FOR COSTS ASSOCIATED WITH RELOCATING OR ADJUSTING ELECTRICAL SYSTEMS IN THE BID, AND DOCUMENT ALL OBSERVATIONS MADE DURING THE SITE VISIT FOR FUTURE REFERENCE.

D. INSPECT THE SITE CAREFULLY BEFORE SUBMITTING A BID TO GAIN A COMPLETE UNDERSTANDING OF EXISTING CONDITIONS. BY SUBMITTING A BID, ACKNOWLEDGE THAT ALL CURRENT SITE CONDITIONS, INCLUDING ANY POTENTIAL COMPLICATIONS NOT SHOWN IN DRAWINGS, HAVE BEEN REVIEWED.

E. REPORT ANY DISCREPANCIES BETWEEN CONSTRUCTION DRAWINGS AND SITE CONDITIONS IMMEDIATELY TO THE ARCHITECT AND ENGINEER. TAKING A PROACTIVE APPROACH WILL ALLOW NECESSARY DESIGN ADJUSTMENTS OR REVISIONS TO INSTALLATION METHODS, ENSURING TIMELY RESOLUTION AND PREVENTING PROJECT DELAYS.

F. COORDINATE CONNECTION POINTS, ELEVATIONS, AND DIMENSIONS WITH THE GENERAL CONTRACTOR AND RELEVANT TRADES BEFORE BEGINNING ANY INSTALLATION WORK. ENSURE ALL ELECTRICAL CONNECTIONS ALIGN WITH SITE CONDITIONS AND THE REQUIREMENTS OF OTHER SYSTEMS.

G. MAINTAIN ACCURATE AS-BUILT DRAWINGS DOCUMENTING ALL CHANGES AND DEVIATIONS THROUGHOUT THE PROJECT. REGULARLY UPDATE THESE DRAWINGS AND SUBMIT THEM TO THE CONSTRUCTION MANAGER UPON PROJECT COMPLETION TO SUPPORT FUTURE MAINTENANCE OR MODIFICATIONS.

H. ATTEND THE PROJECT TURNOVER AS THE ELECTRICAL CONTRACTOR TO CONFIRM SYSTEM OPERABILITY AND PROVIDE A DETAILED HANDOVER. ADDRESS ANY IMMEDIATE QUESTIONS OR CONCERNS, ENSURING A SMOOTH TRANSITION TO OPERATIONAL STATUS.

I. PROVIDE COMPREHENSIVE OPERATION MANUALS FOR ALL ELECTRICAL EQUIPMENT AT PROJECT HANDOVER, INCLUDING SPECIFIC MAINTENANCE INSTRUCTIONS AND WARRANTY INFORMATION TO SUPPORT LONG-TERM FUNCTIONALITY AND COMPLIANCE.

J. COOPERATE WITH OTHER CONTRACTORS THROUGHOUT THE PROJECT, REPORTING CONFLICTS AS THEY ARISE TO MAINTAIN SMOOTH WORKFLOW AND RESOLVE ISSUES PROMPTLY.

K. COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE FALL PROTECTION AND ACCESS DEVICES FOR ROOF-MOUNTED OR ELEVATED ELECTRICAL EQUIPMENT, ENSURING COMPLIANCE WITH SAFETY STANDARDS AND ACCESSIBLE MAINTENANCE.

L. FAMILIARIZE WITH ALL ARCHITECTURAL AND MECHANICAL SYSTEMS, INCLUDING ALL SPECIFIED EQUIPMENT'S NECESSARY ELECTRICAL CONNECTIONS WITHIN THE CONTRACT. EVALUATE ALL SYSTEM SPECIFICATIONS TO PREVENT POTENTIAL COORDINATION ISSUES AND ENSURE THAT POWER AND CONTROL NEEDS ALIGN PRECISELY WITH OTHER TRADES' REQUIREMENTS.

M. CONFIRM POWER REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT UPON SITE DELIVERY TO ENSURE COMPATIBILITY. ENSURE ALL DELIVERED EQUIPMENT MATCHES PROJECT SPECIFICATIONS FOR VOLTAGE, PHASE, AND AMPERAGE REQUIREMENTS TO AVOID ADJUSTMENTS OR COSTLY DELAYS IN INSTALLATION.

N. COORDINATE ELECTRIC SERVICE REQUIREMENTS WITH THE LOCAL UTILITY PRIOR TO STARTING WORK, ADHERING TO ALL LOCAL STANDARDS SUCH AS THE EPEC BLUE BOOK FOR SERVICE INSTALLATIONS. ESTABLISH UTILITY REQUIREMENTS EARLY IN THE PROJECT AND INTEGRATE ANY SPECIFIC MUNICIPAL STANDARDS INTO SERVICE DESIGNS TO STREAMLINE APPROVALS AND INSPECTIONS.

O. ENSURE THAT NO EQUIPMENT OR DEVICES ARE STORED DIRECTLY ON GRADE OR EXPOSED TO ELEMENTS BEFORE OR AFTER INSTALLATION, PROTECTING AGAINST CONTAMINANTS AND ENVIRONMENTAL FACTORS. UTILIZE WEATHER-RESISTANT COVERS, ELEVATED PLATFORMS, OR TEMPORARY STRUCTURES TO PROTECT SENSITIVE ELECTRICAL EQUIPMENT AND PREVENT DAMAGE FROM MOISTURE, DUST, OR TEMPERATURE EXTREMES.

P. COORDINATE LAY-IN LIGHT FIXTURE INSTALLATIONS TO ALIGN WITH THE REFLECTED CEILING PLAN AND THE LOCATIONS OF MECHANICAL DIFFUSERS. WORK CLOSELY WITH CEILING AND MECHANICAL INSTALLERS TO PREVENT INTERFERENCE, ENSURING THAT LIGHT FIXTURES ALIGN CORRECTLY FOR UNIFORM LIGHTING AND AESTHETIC CONSISTENCY.

Q. COORDINATE WITH THE MECHANICAL CONTRACTOR TO VERIFY COMPATIBILITY OF ELECTRICAL CONNECTIONS, INCLUDING POWER, CONTROLS, AND COMMUNICATION FOR ALL MECHANICAL EQUIPMENT. VERIFY THAT CONTROL SYSTEMS MEET OPERATIONAL REQUIREMENTS, AND CONFIRM ALL CONNECTIONS TO AVOID MISCOMMUNICATION OR FUNCTIONALITY ISSUES.

R. SUBMIT SCALED LAYOUTS FOR CLEARANCE VERIFICATION TO THE ENGINEER AFTER RECEIVING APPROVED SHOP DRAWINGS FOR ELECTRICAL DISTRIBUTION EQUIPMENT, ALLOWING TIME TO AVOID ROUGH-IN WORK DELAYS. INCLUDE ALL CLEARANCE ZONES, DIMENSIONS, AND CRITICAL INSTALLATION NOTES TO ENSURE ACCURACY IN ROUGH-IN PHASES AND AVOID CONFLICTS WITH OTHER BUILDING ELEMENTS.

INSTALLATION AND ROUTING

S. FIELD-VERIFY EQUIPMENT AND DEVICE LOCATIONS SHOWN AS APPROXIMATE, COORDINATING WITH ARCHITECTURAL DOCUMENTS FOR PRECISE PLACEMENTS. MEASURE AND CONFIRM DEVICE LOCATIONS ON-SITE TO ENSURE ALIGNMENT WITH ARCHITECTURAL DESIGN, MAINTAINING THE INTENDED LAYOUT AND AESTHETICS OF THE FINAL INSTALLATION.

T. DETERMINE CONDUIT ROUTING BASED ON FIELD CONDITIONS, AS SHOWN PATHS ON PLANS ARE SCHEMATIC. ASSESS FIELD CONSTRAINTS AND MAKE NECESSARY ADJUSTMENTS IN ROUTING TO ACCOMMODATE STRUCTURAL AND SPATIAL LIMITATIONS, ENSURING COMPLIANCE WITH CODE WHILE MINIMIZING BENDS AND MAINTAINING ACCESS.dd

U. CONFIRM MOUNTING HEIGHTS SHOWN AS APPROXIMATE WITH OTHER TRADES. ADJUST ACCORDINGLY FOR HVAC CONTROLS, THERMOSTATS, SENSORS, AND RESOLVE CONFLICTS WITH MILLWORK OR BOARDS WITHOUT ADDITIONAL COST. ENSURE MOUNTING HEIGHTS ALIGN WITH ERGONOMIC STANDARDS AND ACCESSIBILITY CODES, CONTRIBUTING TO A USER-FRIENDLY DESIGN.

V. CENTER OUTLETS AND DEVICES IN FINISHED FLOORS, POSITIONING BOX BOTTOMS 2" ABOVE BACKSPLASH WHERE MILLWORK IS PRESENT. VERIFY CENTERING TO ACHIEVE A UNIFORM APPEARANCE IN AREAS WITH VISIBLE OUTLETS, ALIGNING WITH CABINETRY, TRIM, AND OTHER MILLWORK AS NECESSARY.

W. INSTALL SWITCHES, OUTLETS, AND COMMUNICATION DEVICES WITH CLOSE COORDINATION TO ARCHITECTURAL DETAILS AND SECTIONS. POSITION DEVICES AS PER DESIGN INTENTIONS, KEEPING AESTHETICS AND ACCESSIBILITY CONSIDERATIONS IN MIND WHILE ACCOMMODATING WALL COVERINGS AND FINISHES.

X. USE CONDUIT (EMT OR RIGID) WITH A MINIMUM SIZE OF 3/4" FOR ALL ELECTRICAL WIRING AND HOME RUN CIRCUITS TO PANELS, UNLESS OTHERWISE SPECIFIED. CONFIRM CONDUIT SIZES MEET ALL LOAD AND FILL REQUIREMENTS, MINIMIZING ELECTRICAL RESISTANCE AND ENSURING FUTURE ACCESS FOR REWIRING IF NEEDED.

Y. SUPPORT ROOF-MOUNTED CONDUIT EVERY 10 FEET USING DURA-BLOCK OR AN EQUIVALENT SYSTEM, PROVIDING ALL REQUIRED ACCESSORIES. ENSURE ROOFTOP CONDUIT INSTALLATIONS MEET STRUCTURAL REQUIREMENTS AND ARE SECURED AGAINST HIGH WINDS OR ENVIRONMENTAL EXPOSURE TO PREVENT DAMAGE OVER TIME.

Z. ENSURE FIRE-RATED WALL, FLOOR, AND CEILING PENETRATIONS ARE FIRE-STOPPED BY A CERTIFIED CONTRACTOR. ELECTRICAL PENETRATIONS SHOULD BE NEATLY EXECUTED WITH PROPER TOOLS, COORDINATED WITH THE FIRESTOP CONTRACTOR, AND APPROVED BY LOCAL JURISDICTION. DOCUMENT ALL FIRE-STOPPING MATERIALS AND TECHNIQUES FOR INSPECTION PURPOSES TO MAINTAIN FIRE SAFETY COMPLIANCE.

AA. SUPPORT EMT CONDUIT RUNS EVERY 10 FEET AND ADDITIONALLY AT FITTINGS, BOXES, PANELS, ETC. VERIFY SUPPORT IS ADEQUATE AND CONFORMS TO CODE REQUIREMENTS, PREVENTING SAGGING AND ENSURING THAT THE CONDUIT REMAINS SECURE OVER TIME, ESPECIALLY IN HIGH-TRAFFIC AREAS.

BB. USE COMPRESSION-THREADED FITTINGS WITH INSULATED THROATS FOR EMT CONDUIT, RESERVING DOUBLE SET SCREW FITTINGS FOR SIZES 2-1/2" AND LARGER. ENSURE FITTINGS ARE COMPATIBLE WITH THE INSTALLATION ENVIRONMENT, CONSIDERING TEMPERATURE VARIATIONS, MOISTURE LEVELS, AND EXPOSURE TO PREVENT LONG-TERM DEGRADATION.

CC. SAW-CUT ASPHALT OR CONCRETE AS NECESSARY FOR UNDERGROUND RACEWAY INSTALLATION, FOLLOWING ARCHITECTURAL DETAILS FOR PATCHING. COORDINATE WITH OTHER TRADES TO AVOID UNDERGROUND UTILITIES, ENSURING CLEAN, PRECISE CUTS THAT FACILITATE SMOOTH RACEWAY INSTALLATION AND STRUCTURAL INTEGRITY.

DD. PROVIDE BLANK METAL COVER PLATES FOR ALL UNUSED OUTLET BOXES, PAINTED TO MATCH ADJACENT SURFACES. CONFIRM THAT ALL UNUSED BOXES ARE FULLY COVERED TO PREVENT ACCIDENTAL CONTACT AND ALIGN AESTHETICALLY WITH THE SURROUNDING FINISHES.

EE. INSTALL PULL AND JUNCTION BOXES AS REQUIRED BY ELECTRICAL CODE OR JOB CONDITIONS. ASSESS THE LAYOUT TO PLACE BOXES AT INTERVALS THAT FACILITATE WIRE PULLING AND PREVENT EXCESSIVE STRAIN ON CONDUCTORS, REDUCING THE LIKELIHOOD OF DAMAGE DURING INSTALLATION AND MAINTENANCE.

MATERIAL SPECIFICATIONS AND STANDARDS

FF. USE COPPER FOR ALL NEW WIRING, WITH A MINIMUM SPECIFICATION OF #12 THWN. CONFIRM ALL WIRE MATERIALS AND SPECIFICATIONS MEET PROJECT REQUIREMENTS FOR DURABILITY, CONDUCTIVITY, AND CODE COMPLIANCE, ENSURING OPTIMAL PERFORMANCE AND LIFESPAN.

GG. INSTALL TAMPER-PROOF, COMMERCIAL-GRADE, 20A WHITE RECEPTACLES, USING ORANGE BODIES FOR ISOLATED GROUND DUPLEX RECEPTACLES. ENSURE ALL FACEPLATES ARE STAINLESS STEEL OR AS SPECIFIED BY THE ARCHITECT. VERIFY THAT ALL TAMPER-PROOF RECEPTACLES ARE POSITIONED IN AREAS ACCESSIBLE TO USERS, PROVIDING A SAFE AND RELIABLE ELECTRICAL CONNECTION FOR THE FACILITY.

HH. PAINT ALL EXPOSED CONDUIT TO BLEND WITH ARCHITECTURAL WALL OR CEILING FINISHES. COORDINATE WITH OTHER TRADES TO ACHIEVE A CONSISTENT APPEARANCE, ENSURING CONDUIT MATCHES OR COMPLEMENTS THE ROOM DESIGN AND DOES NOT DETRACT FROM THE AESTHETICS.

II. PROVIDE APPROPRIATE SUPPORT STRUCTURES, SUCH AS UNISTRUT CHANNELS OR ANGLE IRONS WITH THREADED ROD HANGERS, FOR SECURE EQUIPMENT INSTALLATION AS NEEDED. CONFIRM THAT SUPPORTS ARE SIZED AND RATED TO HANDLE EQUIPMENT LOADS, MINIMIZING VIBRATIONS AND ENSURING STRUCTURAL STABILITY.

JJ. INSTALL A MINIMUM 1" CONDUIT WITH A PULL STRING FROM COMMUNICATION BOXES TO ABOVE ACCESSIBLE CEILING SPACE OR THE DATA ROOM. ENSURE THAT CONDUITS ARE CORRECTLY ROUTED FOR FUTURE ACCESS, FACILITATING EFFICIENT MAINTENANCE AND MINIMIZING DISRUPTIONS DURING UPGRADES.

KK. ISOLATE DEVICES THAT MAY PRODUCE OR OPERATE WITH VIBRATION OR NOISE PER MANUFACTURER'S RECOMMENDATIONS. VERIFY THAT VIBRATION-ISOLATING MATERIALS OR MOUNTS ARE INSTALLED AS SPECIFIED TO REDUCE POTENTIAL DISTURBANCES AND MAINTAIN A QUIET, COMFORTABLE ENVIRONMENT.

SAFETY AND ACCESSIBILITY

LL. INSTALL GFCI RECEPTACLES IN ACCESSIBLE LOCATIONS, AVOIDING PLACEMENT BEHIND EQUIPMENT. AS AN ALTERNATIVE, USE GFCI CIRCUIT BREAKERS. COORDINATE GFCI RECEPTACLE LOCATIONS WITH THE EQUIPMENT INSTALLER AND ENSURE COMPLIANCE FOR KITCHEN AND BAR AREAS. PROVIDE GFCI CIRCUIT BREAKERS FOR ALL REQUIRED 220V RECEPTACLES. ENSURE GFCI PROTECTION FOR ALL RECEPTACLES IN KITCHENS, BARS, OR FOOD-SERVING AREAS TO MAINTAIN COMPLIANCE WITH NEC SAFETY CODES.

MM. INSTALL DUCT SMOKE DETECTORS FOR HVAC UNITS EXCEEDING 2,000 CFM, PROVIDING REMOTE TEST STATIONS AND NECESSARY CONNECTIONS. INTEGRATE INTO THE FIRE ALARM CONTROL PANEL IF REQUIRED, AND EQUIP MULTIPLE UNITS SERVING A COMMON AREA TOTALING MORE THAN 2,000 CFM WITH DUCT SMOKE DETECTORS TO ENHANCE SAFETY AND COMPLIANCE WITH LOCAL FIRE CODES.

NN. INSTALL ALL GFCI-RATED RECEPTACLES IN ACCESSIBLE SERVICE LOCATIONS, AVOIDING PLACEMENT BEHIND EQUIPMENT. ENSURE EQUIPMENT-SPECIFIC GFCI RECEPTACLES ARE WITHIN 12" OF THE ASSOCIATED EQUIPMENT. VERIFY THAT ALL INSTALLED RECEPTACLES ARE EASILY REACHABLE, ENHANCING ACCESSIBILITY AND REDUCING RISKS ASSOCIATED WITH IMPROPER SERVICING.

OO. BASE FINAL ELECTRIC SERVICE ON CONNECTED LOAD CALCULATIONS, ENSURING ALIGNMENT WITH THE LOCAL ELECTRIC COMPANY'S REQUIREMENTS. CONFIRM THAT ALL EQUIPMENT IS INCLUDED IN THE CALCULATION, ACCOUNTING FOR FUTURE EXPANSION TO PREVENT SERVICE CAPACITY ISSUES.

DOCUMENTATION AND LABELING

PP. MAINTAIN ACCURATE AS-BUILT DRAWINGS DOCUMENTING ANY MODIFICATIONS TO WIRING AND EQUIPMENT. UPDATE PANEL DIRECTORIES IN A TYPEWRITTEN FORMAT, LABELING PANELS WITH PLASTIC-LAMINATED NAMEPLATES. ENSURE THAT DOCUMENTATION IS CONSISTENT AND LEGIBLE FOR EASY REFERENCE, AIDING FUTURE MAINTENANCE AND TROUBLESHOOTING.

QQ. APPLY TYPICAL DETAILS AND NOTES GENERALLY TO ALL RELEVANT AREAS, EVEN IF NOT SPECIFICALLY INDICATED, ENSURING CONSTRUCTION ALIGNS WITH ESTABLISHED PROJECT PRACTICES. CONDUCT ROUTINE REVIEWS TO CONFIRM THAT TYPICAL DETAILS ARE BEING IMPLEMENTED CORRECTLY ACROSS THE PROJECT.

RR. PRIORITIZE NOTES AND DETAILS PROVIDED IN THESE DOCUMENTS OVER GENERAL NOTES AND TYPICAL DETAILS. REGULARLY VERIFY THAT PROJECT-SPECIFIC REQUIREMENTS ARE BEING ADHERED TO, ENSURING COMPLIANCE WITH SPECIALIZED PROJECT NEEDS.

SPECIAL CONDITIONS

SS. SUPPORT ALL FIXTURES FROM THE STRUCTURE ABOVE, ENSURING NO FIXTURE LOAD IS PLACED ON CEILING TILES OR PLASTER. CONFIRM THAT FIXTURE LOADS ARE DISTRIBUTED PROPERLY TO AVOID OVERLOADING THE CEILING STRUCTURE AND ENSURE LONG-TERM STABILITY.

CONTRACTOR IS RESPONSIBLE TO OBTAIN AND VERIFY WITH ARCHITECT AND CITY FOR LATEST PLANS.

TT. PROVIDE DUCT SMOKE DETECTORS AND ASSOCIATED EQUIPMENT PER PROJECT REQUIREMENTS. TEST AND VERIFY FUNCTIONALITY ACCORDING TO LOCAL FIRE CODES, ENSURING ALL DETECTORS ARE PROPERLY CONNECTED AND OPERATIONAL.

UU. ENSURE COMPLIANCE OF ALL EQUIPMENT AND WIRING WITH APPLICABLE SAFETY AND INSTALLATION STANDARDS. CONDUCT PRE- AND POST-INSTALLATION INSPECTIONS TO CONFIRM ADHERENCE TO STANDARDS, DOCUMENTING COMPLIANCE FOR RECORD-KEEPING AND FUTURE REFERENCE.

VV. COORDINATE EXACT HEIGHT ADJUSTMENTS FOR DEVICES REQUIRING SPECIFIC POSITIONING WITH OTHER TRADES. REVIEW ARCHITECTURAL AND STRUCTURAL PLANS TO CONFIRM THAT DEVICES MEET DESIGN INTENT, ENSURING FUNCTIONAL AND AESTHETIC CONSISTENCY.

WW. PROVIDE POWER FOR SPECIAL EQUIPMENT SUCH AS FIRE ALARM CONTROL PANEL, SECURITY PANELS, CCTV, AND ACCESS CONTROL SYSTEMS. VERIFY THAT DEDICATED CIRCUITS ARE ALLOCATED TO PREVENT INTERFERENCE AND ENSURE RELIABLE OPERATION OF CRITICAL SECURITY AND LIFE SAFETY SYSTEMS.

WX. ELECTRICAL DEVICE INSTALLATION SHALL COMPLY WITH ACCESSIBILITY CODES ADOPTED FOR NEW MEXICO. SPECIFICALLY MOUNT APPLICABLE SWITCHES, RECEPTACLES, AND ENVIRONMENTAL CONTROLS SO THAT THEY ARE MOUNTED WITH THE TOP OF THE DEVICE NO HIGHER THAN FORTY-EIGHT (48 INCHES) ABOVE THE FINISH FLOOR AND THE BOTTOM OF THE DEVICE NO LOWER THAN FIFTEEN INCHES (15 INCHES) ABOVE THE FINISHED FLOOR. ELECTRICAL DEVICES ABOVE A COUNTERTOP OR OTHER OBSTRUCTION SHOULD COMPLY WITH ICC/ANSI 117.1-2003 SECTION 308.

WY. EXTERIOR LIGHTING SHALL COMPLY WITH LOCAL JURISDICTION OF EXTERIOR LIGHTING COMPLIANCE ORDINANCE AND NEW MEXICO STATE NIGHT SKY PROTECTION AS NECESSARY.

WZ. THE MEANS OF EGRESS TRAVEL SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT CANDLE AT THE FLOOR LEVEL.

XA. ABANDONED POWER WIRING WILL BE REMOVED BACK TO THE SOURCE. THE ACCESSIBLE PORTIONS OF ABANDONED CONDUIT/TUBING AND EQUIPMENT SHALL BE REMOVED. THE ACCESSIBLE PORTIONS OF ABANDONED CABLES (VOICE, DATA, VIDEO, ALARM, ETC.) SHALL BE REMOVED.

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Mark	Date	Description
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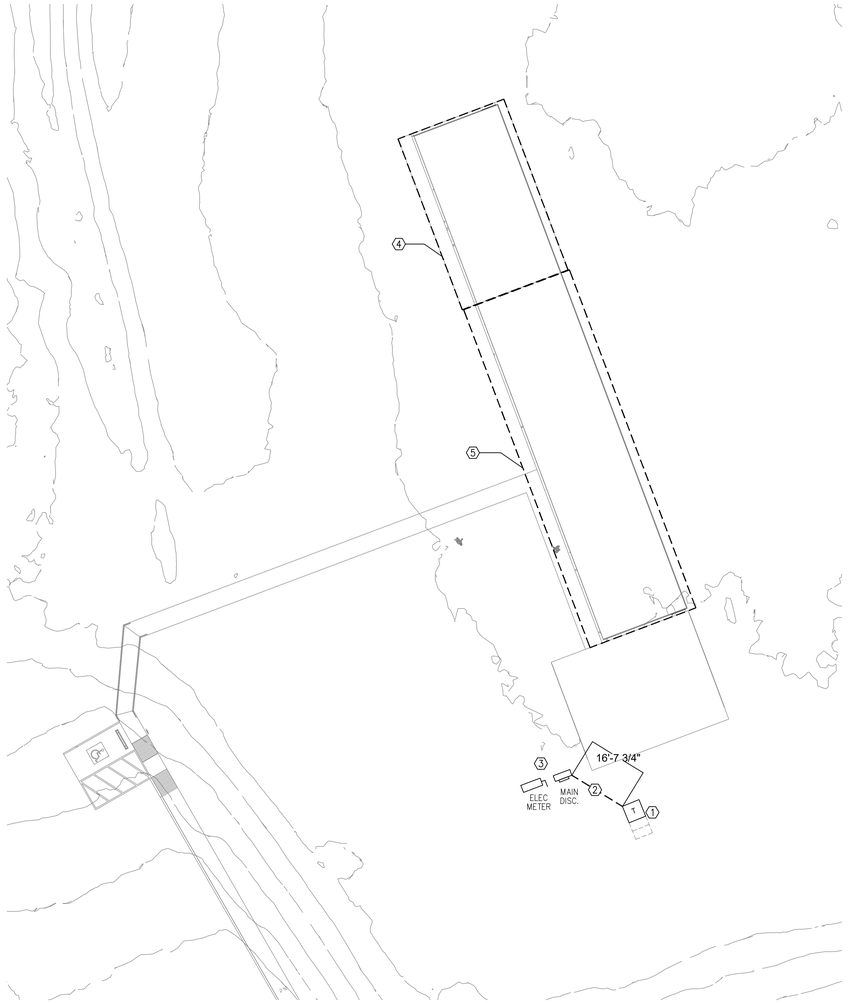
DESERT PEAK ARCHITECTS
DESERT PEAK ARCHITECTS P.C.
311 NORTH MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0021

PROJECT NO.
#206-134

SHEET TITLE
ELECTRICAL GENERAL NOTES

SHEET NO.
E100



1 E101 ELECTRICAL SITE PLAN

1"=20'-0"

KEYED NOTES ⓧ

1. PROPOSED LOCATION OF EL PASO ELECTRIC CO. PADMOUNT TRANSFORMER, COORDINATE WITH EL PASO ELECTRIC CO. BEFORE DOING ANY WORK. FINAL LOCATION OF TRANSFORMER AND ELECTRIC METER TO BE DETERMINED BY EL PASO ELECTRIC CO.
2. UNDERGROUND SERVICE ENTRANCE: 3" CONDUIT WITH 4–#300 THWN MCM CU. CONDUCTORS.
3. PROPOSED LOCATION OF ELECTRICAL SERVICE, ELECTRICAL SERVICE TO BE LOCATED ON UNISTRUT, REFER TO ELECTRICAL RISER DIAGRAM X/E–X.
4. ADDITIVE ALTERNATE TO BE 5 ADDITIONAL BAY.
5. BASE BID TO INCLUDE 10 BAYS.

SHORT CIRCUIT AVAILABILITY (SCA)

BASED UPON MAXIMUM BUILDING TRANSFORMER SC. LET THROUGH WITH UNLIMITED PRIMARY S.C. CURRENT (INFINITY BUS)

ASSUMING BUILDING TRANSFORMER RATING = 50 KVA
TRANSFORMER IMPEDANCE (%Z)= 3.75 %
SECONDARY VOLTAGE = 240 VOLTS
SECONDARY PHASE= 1 PHASE

$$FLA = \frac{KVA \times 1000}{E(I\text{-}I) \times PHASE\ CORRECTION} = \frac{50 \times 1000}{240 \times 1}$$

FLA = 208.33 AMPS

$$MULTIPLIER = \frac{100}{3.75} = 26.67$$

SCA = AMPS X MULTIPLIER = 208.33 X 26.67

SCA = 5560 AMPS AT LOAD SIDE OF TRANSFORMER

FAULT CURRENT AT MAIN SERVICE

SCA AT SECONDARY = 5560 AMPS
LENGTH TO MAIN SERVICE = 17 FT
"C" (WIRE CONSTANT) = 6044
OF PARALLEL WIRES = 1

CALCULATE "F" FACTOR

$$F = \frac{PHASE\ CORRECTION \times LENGTH\ (FEET) \times SCA}{\#\ OF\ PARALLEL\ WIRES \times "C"\ WIRE\ CONSTANT \times VOLTAGE\ L\text{-}L}$$

F= 0.112862
M= 0.898584

$$M = \frac{1}{1+F}$$

NEW SCA = SCA X M
SCA AT MAIN SERVICE = 4996.126 AMPS

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NMSU DRIVING RANGE COVERED TEES

3000 HERB WIMBERLY DR
LAS CRUCES, NM 88011

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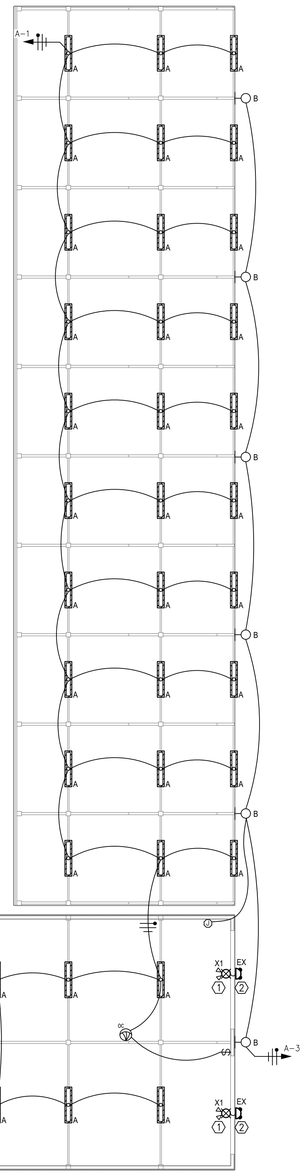
PROJECT NO.
#206-134

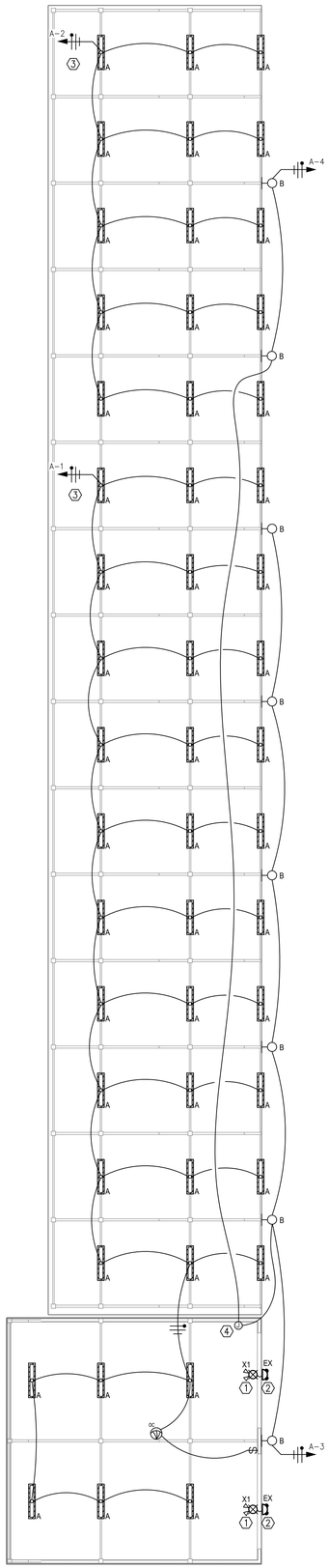
SHEET TITLE
ELECTRICAL SITE PLAN

SHEET NO.
E101



1 E200 BID LOT 1 - LIGHTING PLAN

1/8" = 1'-0"



1 E200 BID LOT 2 - LIGHTING PLAN

1/8" = 1'-0"

KEYED NOTES ⓧ

1. CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTS TO UNSWITCHED HOT LEG OF NEAREST LIGHTING CIRCUIT SERVING THIS AREA.
2. INSTALL OUTDOOR REMOTE EMERGENCY HEAD ABOVE DOOR, CONNECT AS SHOWN.
3. THIS CIRCUIT TO BE WIRED THRU TIMER CONTACTOR, TIMER CONTACTOR TO BE CONTROLLED BY PHOTOCELL.
4. PROVIDE AND INSTALL J-BOX FOR ZIGBEE WIRELESS TOUCH SCREEN FOR LIGHT DIMMING. COORDINATE WITH OWNER FOR EXACT LOCATION. COORDINATE WITH MANUFACTURER FOR EXACT REQUIREMENTS.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER/MODEL NO.	VOLTAGE	LED LAMP INFO		COLOR	MOUNTING	MOUNTING HEIGHT	NOTES
			WATTAGE	TEMP.				
A	EARTHTRONICS LVT4WSCCTD1	UNV	45W LED	40K	WHT	SURFACE		
B	EXLED TX3-V1-ZG	UNV	300W LED	40K	WHT	SURFACE		[3],[4]
X1	ENVOY #ECWLEZXTEU-2-R-W	UNV	INCLUDED		WH	CEILING/WALL	ABOVE DOOR	[1]
EX	ENVOY # EMDBEL-ACEM-HL-CBA-SDT-CW-PC	UNV	INCLUDED		WH	WALL	ABOVE DOOR	[2]

NOTES: [1] PROVIDE WITH 90 MIN. MINIMUM POWER LIFE BATTERY
[2] REMOTE MOUNTED EMERGENCY HEAD, CONNECT TO INTERIOR EXIT SIGN.
[3] PROVIDE WITH ZIGBEE WIRELESS TOUCH SCREEN FOR LIGHT DIMMING.
[4] PROVIDE WITH ROOF MOUNTED KIT.

GENERAL NOTES:
[A] FIXTURES SELECTED BASED ON PERFORMANCE AND AESTHETICS.
[B] ARCHITECT TO SELECT ALL FIXTURE FINISH/COLORS PRIOR TO ORDERING LIGHT FIXTURES.
[C] SUBSTITUTIONS MUST BE PRE-APPROVED. PROVIDE SUBSTITUTION SUBMITTALS FOR REVIEW 10 BUSINESS DAYS PRIOR TO BID DATE.
[D] CONTRACTOR MUST PROVIDE FULL PHOTOMETRIC STUDIES ON SUBSTITUTION FIXTURES.

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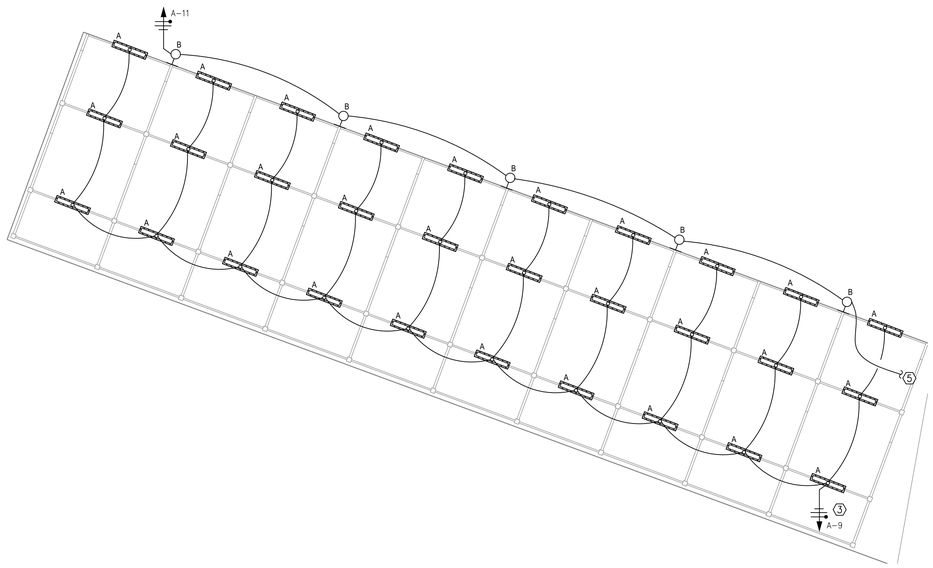
#206-134

SHEET TITLE
BID LOT - LIGHTING PLAN

SHEET NO.
E200



KEYED NOTES ⓧ

1. CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTS TO UNSWITCHED HOT LEG OF NEAREST LIGHTING CIRCUIT SERVING THIS AREA.
2. INSTALL OUTDOOR REMOTE EMERGENCY HEAD ABOVE DOOR, CONNECT AS SHOWN.
3. THIS CIRCUIT TO BE WIRED THRU TIMER CONTACTOR, TIMER CONTACTOR TO BE CONTROLLED BY PHOTOCELL.
4. PROVIDE AND INSTALL J–BOX FOR ZIGBEE WIRELESS TOUCH SCREEN FOR LIGHT DIMMING. COORDINATE WITH OWNER FOR EXACT LOCATION. COORDINATE WITH MANUFACTURER FOR EXACT REQUIREMENTS.
5. IF ADDITIVE ALTERNATE IS ACCEPTED CONNECT LIGHT FIXTURE TO ZIGBEE WIRELESS TOUCH SCREEN.

2 E201 ADDITIVE ALTERNATE BID LOT 3 - LIGHTING PLAN

1/8" = 1'-0"

1 E201 BID LOT 3 - BASE BID LIGHTING PLAN

1/8" = 1'-0"

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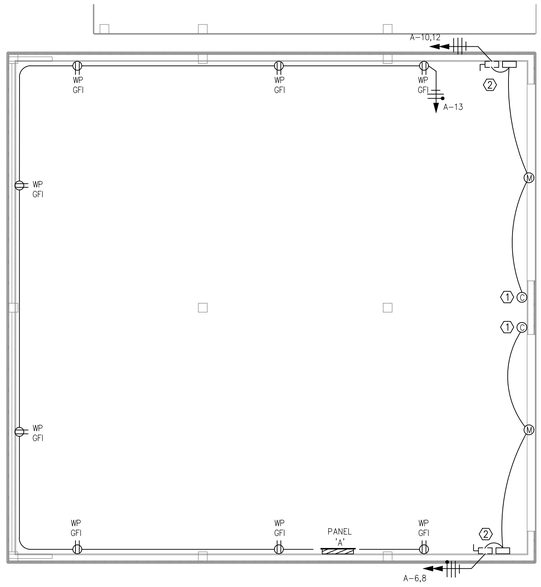
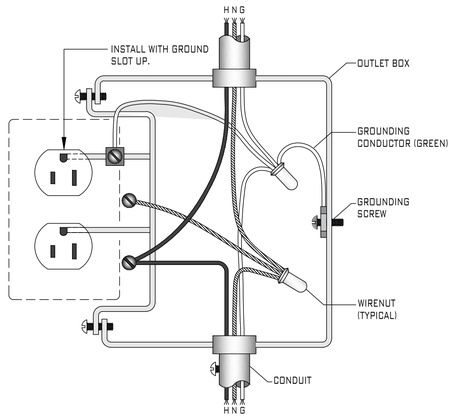
SHEET TITLE
BID LOT 3 - LIGHTING PLAN

SHEET NO.
E201



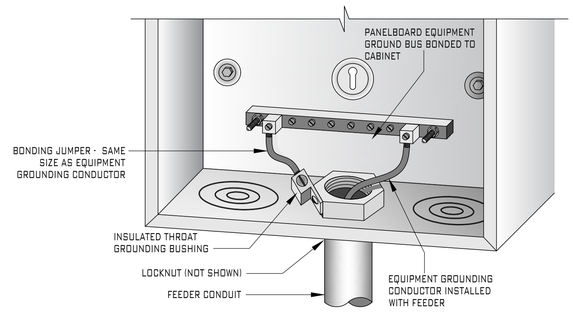
1 E300 POWER PLAN

1/4" = 1'-0"



2 E300 RECEPTACLE INSTALLATION

NTS

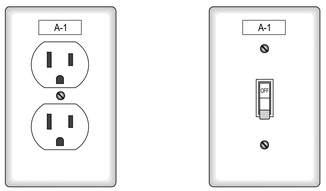


3 E300 PANELBOARD BONDING SCHEMATIC

NTS

KEYED NOTES ⓧ

1. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONTROL FOR DOOR UNIT PRIOR TO COMMENCING ANY WORK.
2. PROVIDE AND INSTALL 30A, 208V, 1PH, 3 WIRE, HEAVY DUTY, NEMA 3R NON-FUSED DISCONNECT. MAKE CONNECTIONS TO MOTOR DOOR UNIT WITH WATER TIGHT FLEXIBLE CONDUIT.



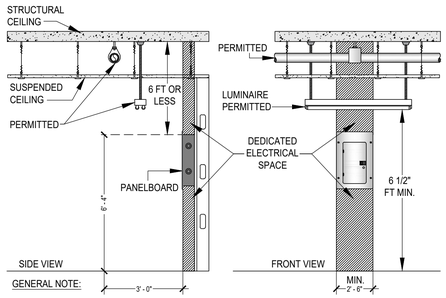
4 E300 RECEPTACLE AND SWITCH LABEL TYPICAL FOR ALL

NOTE: PROVIDE WITH 1/8" BLACK LETTER WITH WHITE LABELS, INDICATING PANEL AND CIRCUIT FEEDING DEVICE.

NTS

NEC REQUIREMENTS FOR DEDICATED EQUIPMENT SPACE:

1. ALL SWITCHBOARDS, PANEL BOARDS, DISTRIBUTION BOARDS, AND MOTOR CONTROL CENTERS SHALL BE LOCATED IN DEDICATED SPACES AND PROTECTED FROM DAMAGE.
2. DEDICATED ELECTRICAL SPACE IS EQUAL TO THE WIDTH AND DEPTH OF THE EQUIPMENT AND EXTENDING FROM THE FLOOR TO A HEIGHT OF 6 FT ABOVE THE EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICHEVER IS LOWER.
3. NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN DEDICATED ELECTRICAL SPACE.
4. THE AREA ABOVE THE DEDICATED SPACE SHALL BE PERMITTED TO CONTAIN FOREIGN SYSTEMS, PROVIDE PROTECTION IS INSTALLED TO AVOID DAMAGE TO TE ELECTRICAL EQUIPMENT FROM CONDENSATION, LEAKS OR BREAKS IS SUCH FOREIGN SYSTEMS.
5. A DROPPED, SUSPENDED, OR SIMILAR CEILING THAT DOES NOT ADD STRENGTH TO THE BUILDING STRUCTURE SHALL NOT TO BE CONSIDERED A STRUCTURAL CEILING.

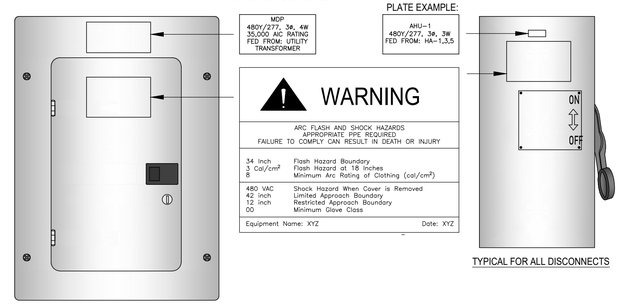


ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO MAINTAIN THE REQUIRED ELECTRICAL EQUIPMENT DEDICATED SPACE.

5 E300 ELECTRICAL CLEARANCE DETAIL

NTS

NAMEPLATE SHALL BE ENGRAVED ON RIGID PLASTIC, BOLTED TO THE PANEL COVER. BLACK PLASTIC WITH WHITE LETTERS FOR NORMAL POWER. RED PLASTIC WITH WHITE LETTERS FOR EMERGENCY POWER. SEE EXAMPLES BELOW, FIELD VERIFY INFORMATION.



TYPICAL FOR ALL PANELBOARDS

TYPICAL FOR ALL DISCONNECTS

6 E300 PANELBOARD IDENTIFICATION SCHEMATIC

NTS

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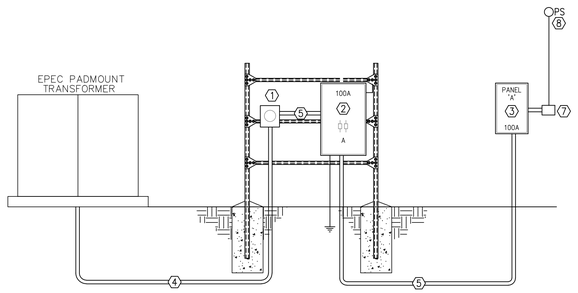
PROJECT NO.
#206-134

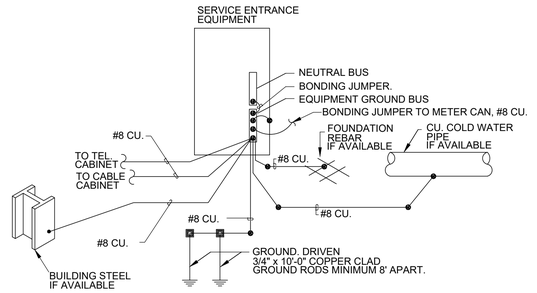
SHEET TITLE
POWER PLAN

SHEET NO.
E300



1 E400 ELECTRICAL RISER DIAGRAM

NTS



2 E400 GROUNDING SCHEMATIC

NTS

KEYED NOTES ⓧ

1. NEW ELECTRIC METER PER LOCAL ELECTRIC COMPANY REQUIREMENTS.
2. MAIN DISCONNECT 'A': 100A, 240Y/120V, 1 PHASE, 3 WIRE, NEMA 3R, WITH (2) 100A FUSES.
3. PANEL 'A' 100A. 240/120V, 1 PHASE, 3 WIRE, REFER TO PANEL SCHEDULE.
4. 1–1/2" CONDUIT WITH 3–#2 THWN CU. CONDUCTORS.
5. 1–1/2" CONDUIT WITH 3–#2 THWN CU. CONDUCTORS AND 1–#8 CU. GROUND.
6. GROUNDING SYSTEM PER SCHEMATIC 2/E400
7. PROVIDE NEMA 3R, HINGED, WITH LOCKABLE COVER LARGE ENOUGH TO FIT TIME CLOCK, 4 POLE LIGHTING CONTACTOR, AND ASSOCIATED DEVICES.
8. PHOTOCELL ON ROOF, FACING SOUTH.

PANEL OR LOAD CENTER - A

LOAD TYPE	CKT. NO.	DESCRIPTION	NOTES	AMPS	POLE	LOAD KVA	A		C	LOAD KVA	POLE	AMPS	NOTES	DESCRIPTION	CKT. NO.	LOAD TYPE
LT	1	BAY LIGHTING	[1],[3]	20	1	1.6	2.3			0.7	1	20	[2]	BAY LIGHTING	2	RE
LT	3	RANGE LIGHTING	[1],[3]	20	1	1.8			2.4	0.6	1	20	[2]	RANGE LIGHTING	4	RE
LT	5	BAY LIGHTING	[3]	20	1	0.7	2.2			1.5	2	30		OVERHEAD DOOR	6	OT
LT	7	RANGE LIGHTING	[3]	20	1	0.6			2.1	1.5				230V, 1 PH	8	OT
LT	9	BAY LIGHTING	[4]	20	1	1.4	2.9			1.5	2	30		OVERHEAD DOOR	10	OT
LT	11	RANGE LIGHTING	[4]	20	1	1.5			3	1.5				230V, 1 PH	12	OT
RE	13	SHADE STRUCTURE OUTLETS		20	1	0.8	0.8				1	20		SPARE	14	
	15	SPARE		20	1				0		1	20		SPARE	16	
	17	SPARE		20	1		0				1	20		SPARE	18	
						TOTAL KVA	8.2		7.5							
						TOTAL AMPS	68.3		62.5							

PANEL OR LOADCENTER INFORMATION	
DESIGNATION	A
MAIN SIZE	125 AMPS
MAIN TYPE	M.L.O.
VOLTS	120/240
PHASE	1
Wire	3
AIC RATING	12 KAIC
NEMA TYPE	3R/EXTERIOR
MOUNTING	SURFACE
SERVED FROM	100A, 3 POLE C.B. IN PANEL

LOAD TYPE	CONNECTED KVA	CONNECTED AMPS	DESIGN FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
LIGHTS	7.6	31.7	1.25	9.50	39.6
RECEPTACLES	2.10	8.8	1.0	2.10	8.8
MOTOR	0.00	0.0	NEC	0.00	0.0
AC	0.00	0.0	1.25	0.00	0.0
KITCHEN	0.00	0.0	1.0	0.00	0.0
OTHER	6.00	25.0	NEC	6.00	25.0
TOTAL	15.70	65.4		17.60	73.3

NOTES:

[1] LIGHITNG TO BE PART OF BID LOT 1
[2] LIGHITNG TO BE PART OF BID LOT 2
[3] LIGHITNG TO BE PART OF BID LOT 3 BASE BID
[4] LIGHITNG TO BE PART OF BID LOT 3 ADDITIVE ALTERNATE

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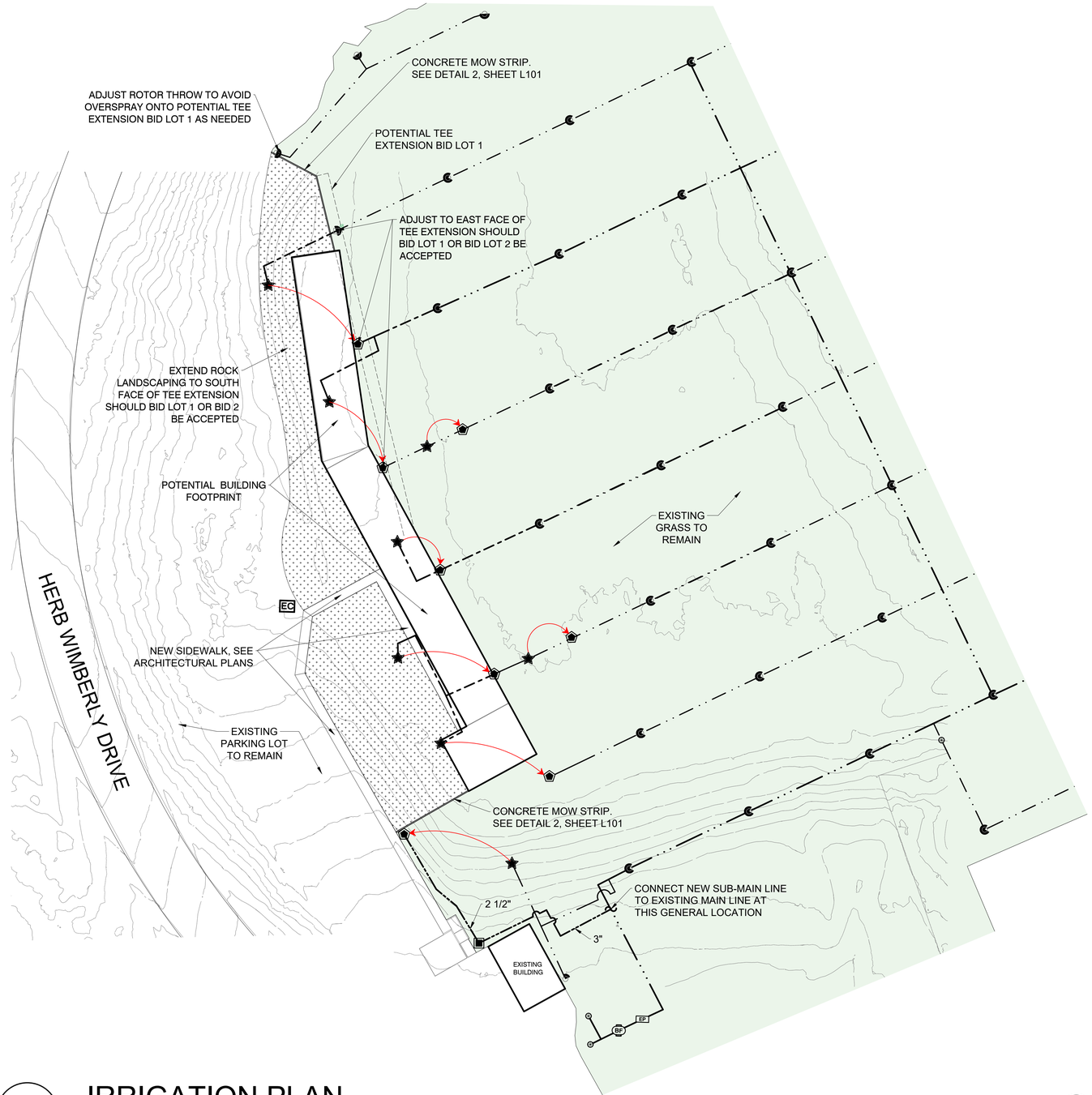
PROJECT NO.
#206-134

SHEET TITLE
ELECTRICAL
RISER DIAGRAM

SHEET NO.
E400



IRRIGATION PLAN

SCALE: 1" = 30'

0 30 60

MATERIAL LEGEND

SYMBOL	DESCRIPTION	QTY	COLOR	DEPTH	NOTES
ROCK					
	ROCK MIX 75% 3/4" 25% 3/8"	11,805 SF	HUECO MOUNTAIN	3"	WITH WEED-BARRIER FABRIC. SEE DETAIL 1, SHEET L101 REMOVE EXISTING GRASS IN THIS AREA TO 5" DEPTH. AFTER GRASS/SOIL REMOVAL, SCARIFY TO 4" DEPTH. FOR AREAS THAT CONTINUE TO HAVE SIGNIFICANT REMAINING GRASS MATTER, APPLY WEED KILLER AS APPLY PRE-EMERGENT FOR WEEDS. LEVEL / BACK-DRAG DIRT PRIOR TO PLACEMENT OF WEED-BARRIER.

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	EXISTING ROTOR WITH VALVE-IN-HEAD DESIGN TO RELOCATE
	EXISTING ROTOR WITH VALVE-IN-HEAD DESIGN TO REMAIN
	NEW LOCATION OF EXISTING ROTOR WITH VALVE-IN-HEAD DESIGN TO RELOCATE. SEE DETAIL 4, SHEET L101
	NEW RAIN BIRD EAGLE 950 ROTOR PART CIRCLE, WITH VALVE-IN-HEAD DESIGN. MATCH EXISTING NOZZLE. SEE DETAIL 4, SHEET L101
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
BF	EXISTING BACKFLOW PREVENTER TO REMAIN
EC	EXISTING CONTROLLER TO REMAIN CONNECT NEW VALVES TO EXISTING CONTROLLER
EP	EXISTING ELECTRIC PUMP TO REMAIN
	EXISTING SUB-MAIN LINE & LATERAL PIPING TO REMAIN
	EXISTING IRRIGATION MAINLINE TO REMAIN
	EXISTING IRRIGATION MAINLINE TO ABANDON IN PLACE
	NEW IRRIGATION MAIN LINE CLASS 200 PVC. SEE PLAN FOR PIPE SIZING. SEE DETAIL 3, SHEET L101

NMSU GOLF RANGE HITTING AREA

HERB WIMBERLY DRIVE, LAS CRUCES, NM 88005

Mark	Date	Description
ISSUE:	07/16/2025	100% CD's

DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

PROJECT NO.
353-06

SHEET TITLE
IRRIGATION PLAN

SHEET NO.
L100

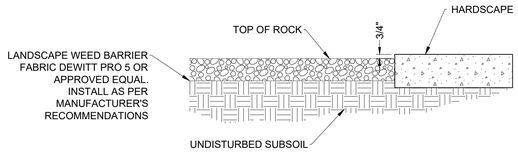
THE DRY LAND
LANDSCAPE ARCHITECTURE
110 MONTECILLO, SUITE 1C
EL PASO, TEXAS 79912
915.887.7893
INFO@THEDRYLAND.COM

D

C

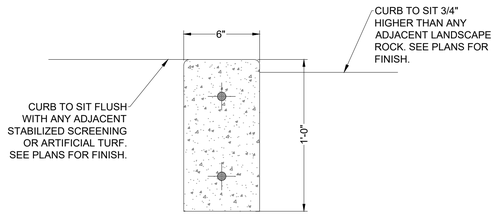
B

A



1 LANDSCAPE ROCK AND EDGING

SCALE: NTS

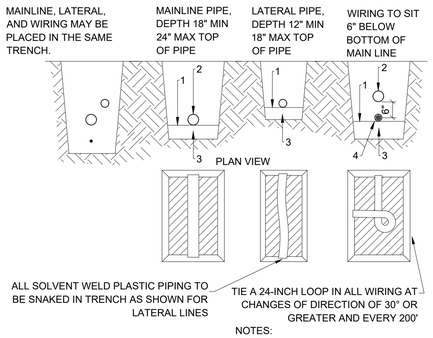


HEADER CURB NOTES:

1. HEADER CURBS SHALL BE 3,000 PSI CONCRETE STRENGTH.
2. HEADER CURBS HAND POURED AND PLACED SHALL INCLUDE: (a) 2 CONTINUOUS #4 REBARS. (b) WITH 1/2 INCH EXPANSION JOINTS EVERY 20.0 FEET AND CONTROL JOINTS EVERY 5.0 FEET, AND A BROOM FINISH.
3. HEADER CURBS MACHINE INSTALLED SHALL INCLUDE: (a) 2.0 POUNDS OF LONG FIBERGLASS MESH CUBIC YARD. (b) WITH 1/2 INCH EXPANSION JOINTS EVERY 20.0 FEET AND CONTROL JOINTS EVERY 5.0 FEET, AND A BROOM FINISH.

2 CONCRETE MOW STRIP

SCALE: NTS



NOTES:

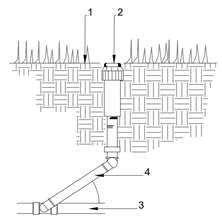
1. BOTTOM OF EXCAVATED TRENCH WHERE NO ROCKY SOILS ARE ENCOUNTERED
2. IRRIGATION SYSTEM PIPING
3. MINIMUM 4" DEEP BEDDING SANDY SOILS MATERIAL WHERE ROCKY SOILS ARE ENCOUNTERED
4. IRRIGATION VALVE WIRING

A. BACKFILL SOILS MATERIAL MAY BE NATIVE SOILS IF IT IS FREE OF CALICHE OR STONES LARGER THAN 1" IN SIZE AND ORGANIC MATTER OR WASTE DEBRIS SOILS COMPACTION IN TURF AREAS TO BE 80% TO 85% DENSITY BY ATSM D-1557 STANDARD AND AT 95% DENSITY UNDER PAVED OR HARDSCAPE SURFACES

B. ALL WIRING UNDER PARKING LOT SHALL BE INSIDE 1-1/4" WIRE CONDUIT

3 PIPE/WIRE IN TRENCH

SCALE: NTS



1. FINISH GRADE.
2. SPRINKLER HEAD (SEE PLAN).
3. LATERAL LINE (SEE PLAN).
4. LASCO PRE-ASSEMBELED SWING JOINT. THIS DETAIL SHALL BE USED FOR POP-UP SHRUB SPRAY, POP-UP LAWN SPRAY, GEAR DRIVEN AND ROTARY SPRINKLER HEADS. TOP OF SPRINKLER HEAD SHALL BE SET FLUSH WITH FINISH GRADE. SWING JOINT INSTALLATION TO COMPLY WITH MANUFACTURER'S RECOMMENDATION.

4 ROTOR

SCALE: NTS

NMSU GOLF RANGE HITTING AREA

HERB WIMBERLY DRIVE, LAS CRUCES, NM 88005

Mark	Date	Description
ISSUE:	07/16/2025	100% CD's

DESERT PEAK ARCHITECTS P.C.
311 N MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.528.0022

PROJECT NO.
353-06

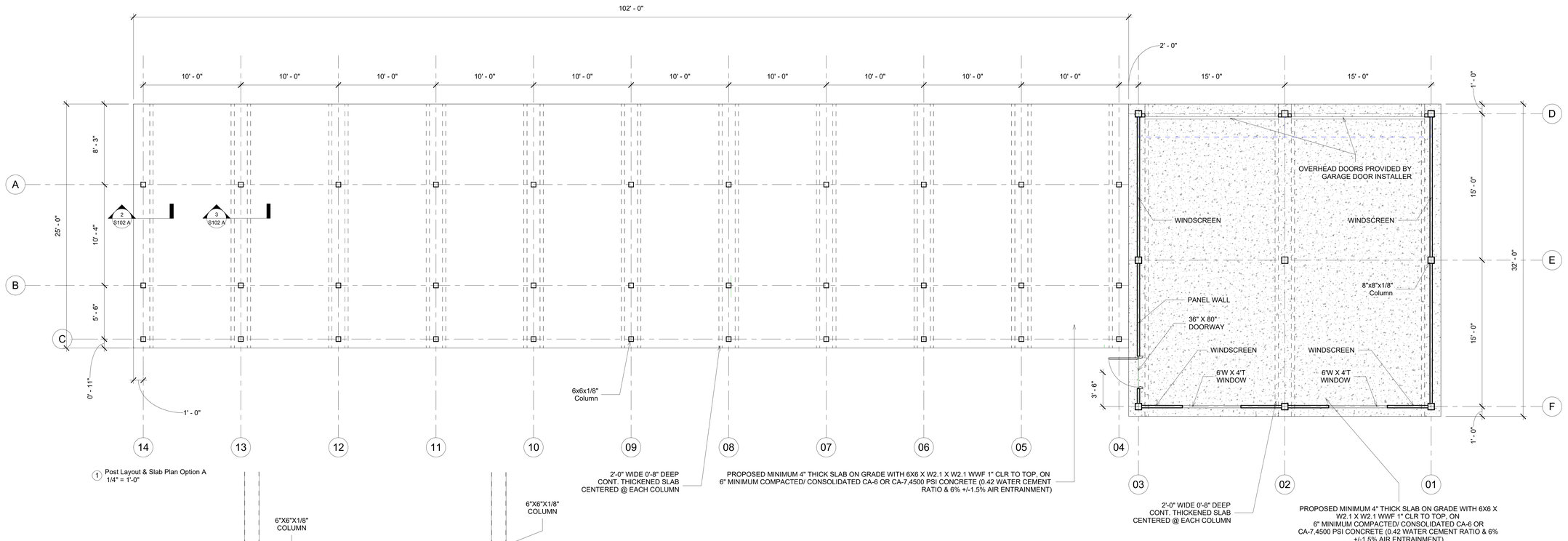
SHEET TITLE

IRRIGATION DETAILS

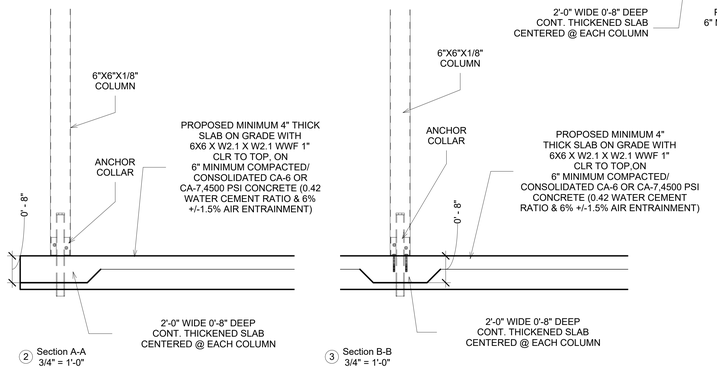
SHEET NO.

L101

THE DRY LAND
LANDSCAPE ARCHITECTURE
110 MONTECILLO, SUITE 1C
EL PASO, TEXAS 79912
915.887.7893
INFO@THEDRYLAND.COM

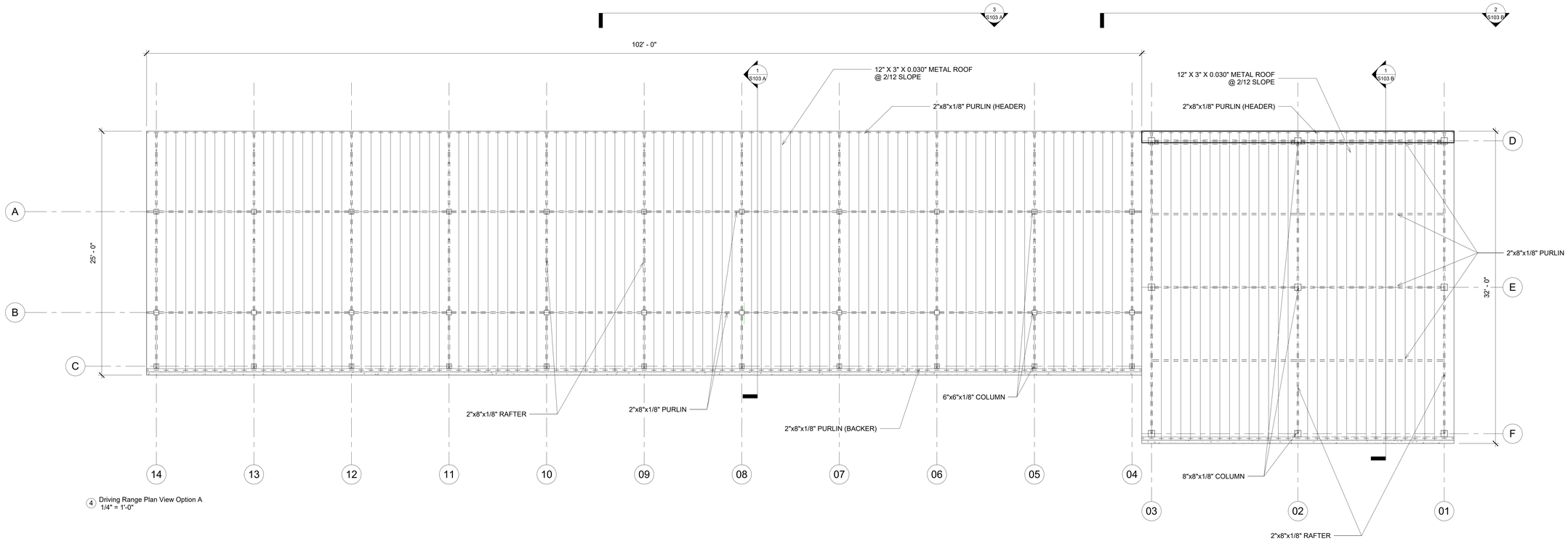


1 Post Layout & Slab Plan Option A
1/4" = 1'-0"



2 Section A-A
3/4" = 1'-0"

3 Section B-B
3/4" = 1'-0"



4 Driving Range Plan View Option A
1/4" = 1'-0"

Cover The Tees
1713 Kennedy Pt.
Oviedo, FL 32765
Mailing Address:
P.O. Box 622363 Oviedo, FL 32762

ML STRUCTURAL
ML Structural
Info@mlstructual.com
224-214-0565
334 E Colfax St Unit D,
Palatine, IL 60067

Engineer's Stamp

Note :
Engineering Stamp Only Valid If Installed by CTT Installation Team

No.	Description	Date

New Mexico State University
Golf Course
3000 Herb
Wimberly Dr, Las Cruces,
NM 88001

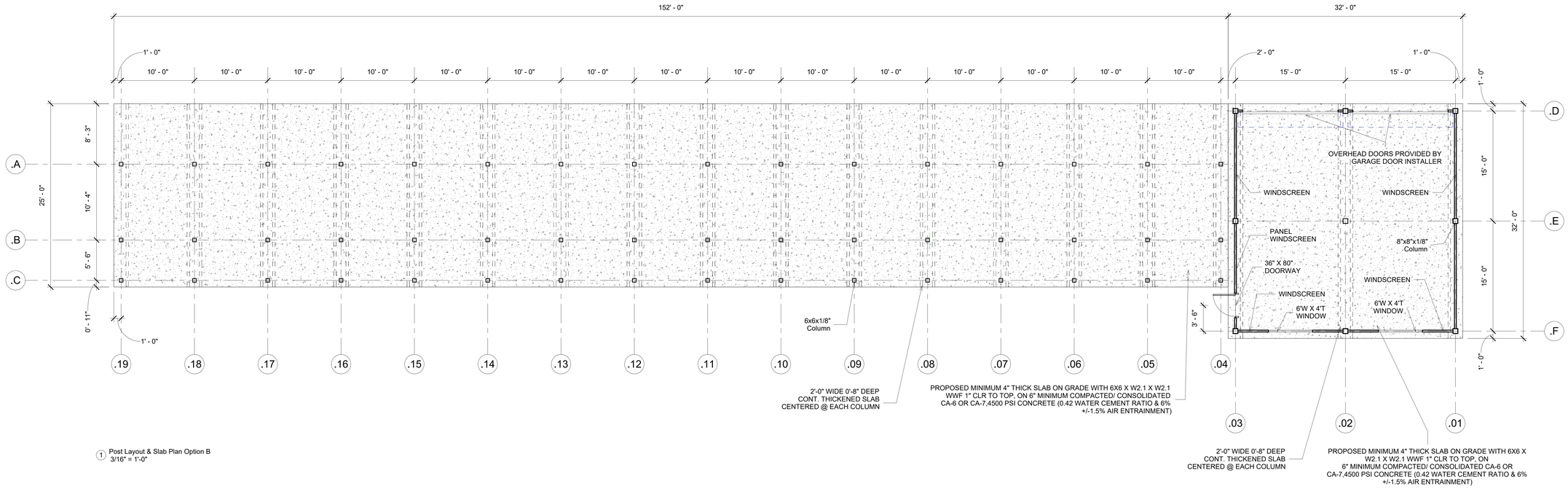
COVERED TEE-LINE & LEARNING CENTER

Slab Plan & Plan view
Option A

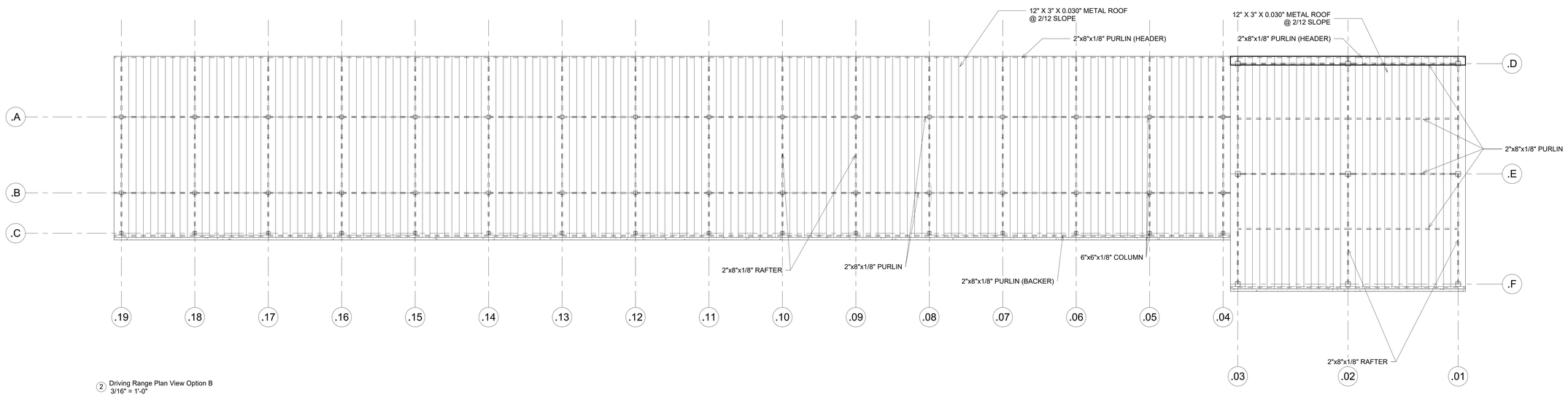
Project Number	NMSU120524
Date	06/26/25
Drawn By	KGM
Checked By	Checker

S102 A

Scale



1 Post Layout & Slab Plan Option B
3/16" = 1'-0"



2 Driving Range Plan View Option B
3/16" = 1'-0"

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Golf Course
3000 Herb
Wimberly Dr, Las Cruces,
NM 88001

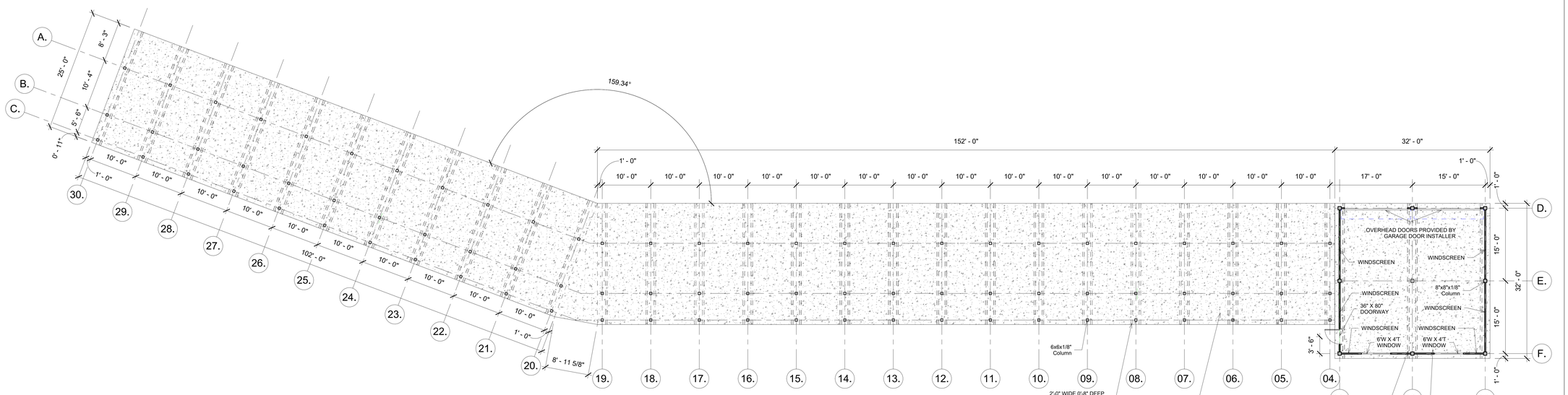
COVERED TEE-LINE & LEARNING CENTER

Slab Plan & Plan View
Option B

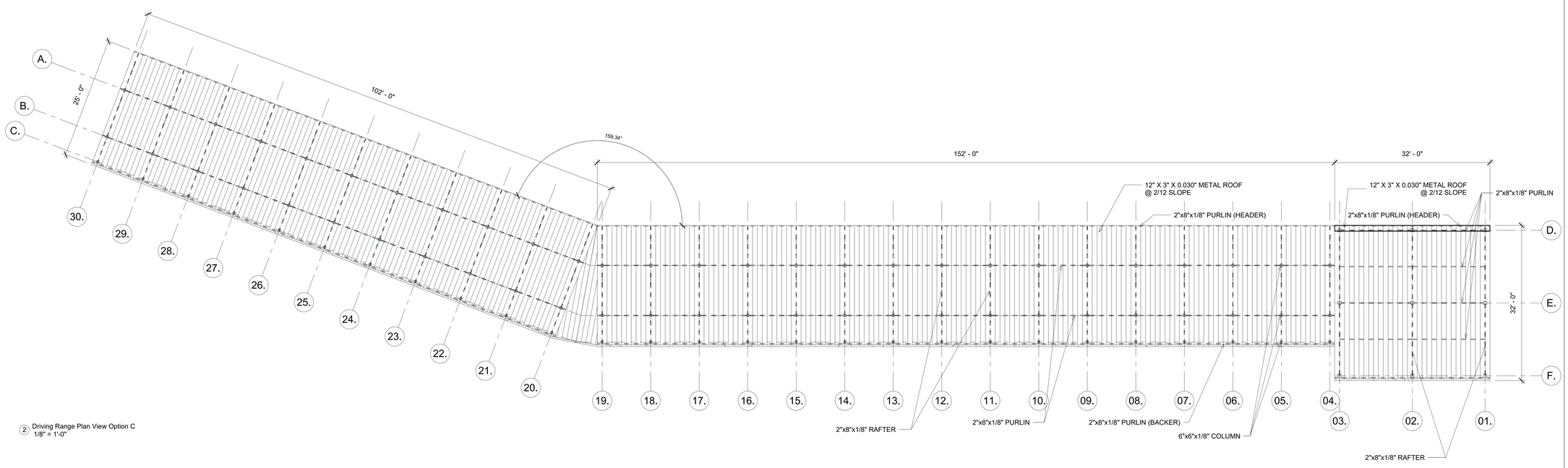
Project Number	NMSU120524
Date	06/26/25
Drawn By	KGM
Checked By	Checker

S102 B

Scale



1 Post Layout & Slab Plan Option C
1/8" = 1'-0"



2 Driving Range Plan View Option C
1/8" = 1'-0"

Cover The Tees
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Oviedo, FL 32765
Mailing Address:
P.O. Box 622363 Oviedo, FL 32762

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No.	Description	Date

New Mexico State University
Golf Course
3000 Herb
Wimberly Dr, Las Cruces,
NM 88001

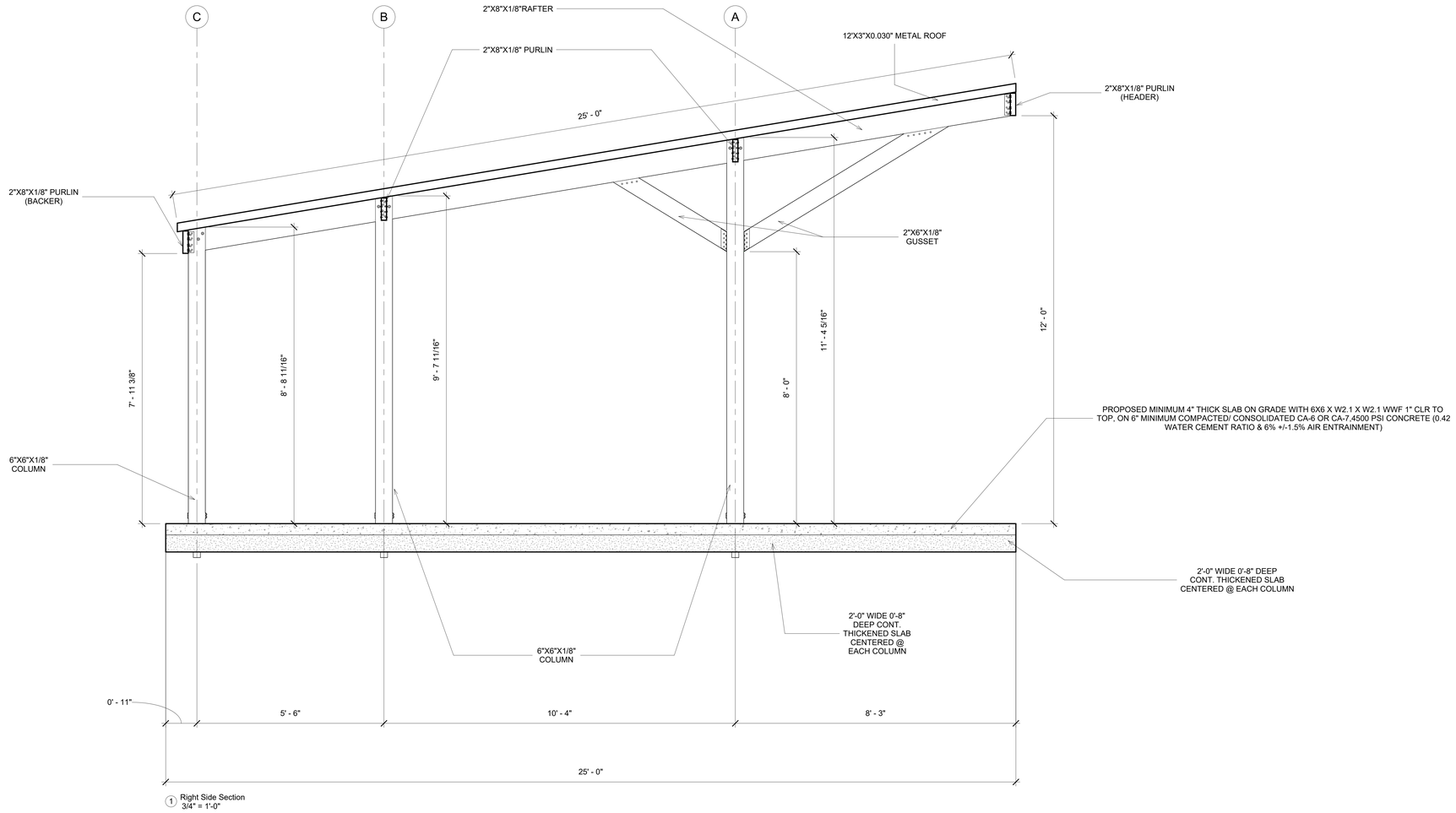
COVERED TEE-LINE & LEARNING CENTER

Slab Plan & Plan view

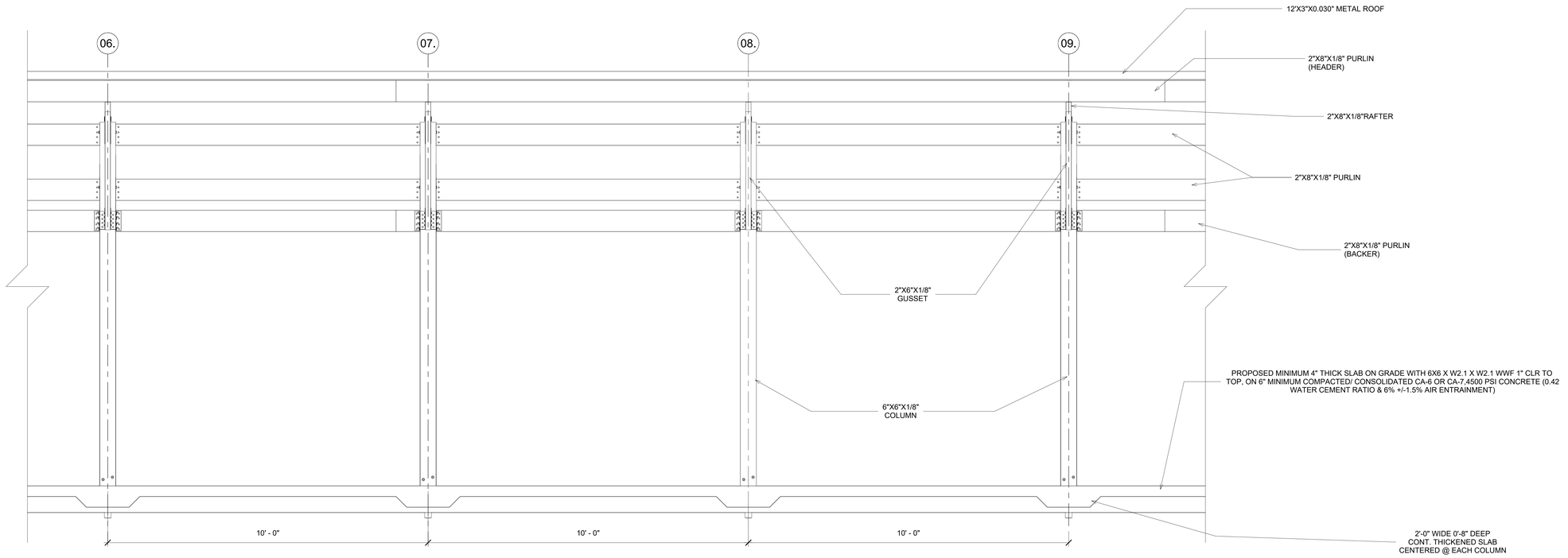
Project Number	NMSU120524
Date	06/26/25
Drawn By	KGM
Checked By	Checker

S102 C

Scale



1 Right Side Section
3/4" = 1'-0"



3 Front Section
3/4" = 1'-0"

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Engineer's Stamp

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No.	Description	Date

New Mexico State University
Golf Course
3000 Herb
Wimberly Dr, Las Cruces,
NM 88001

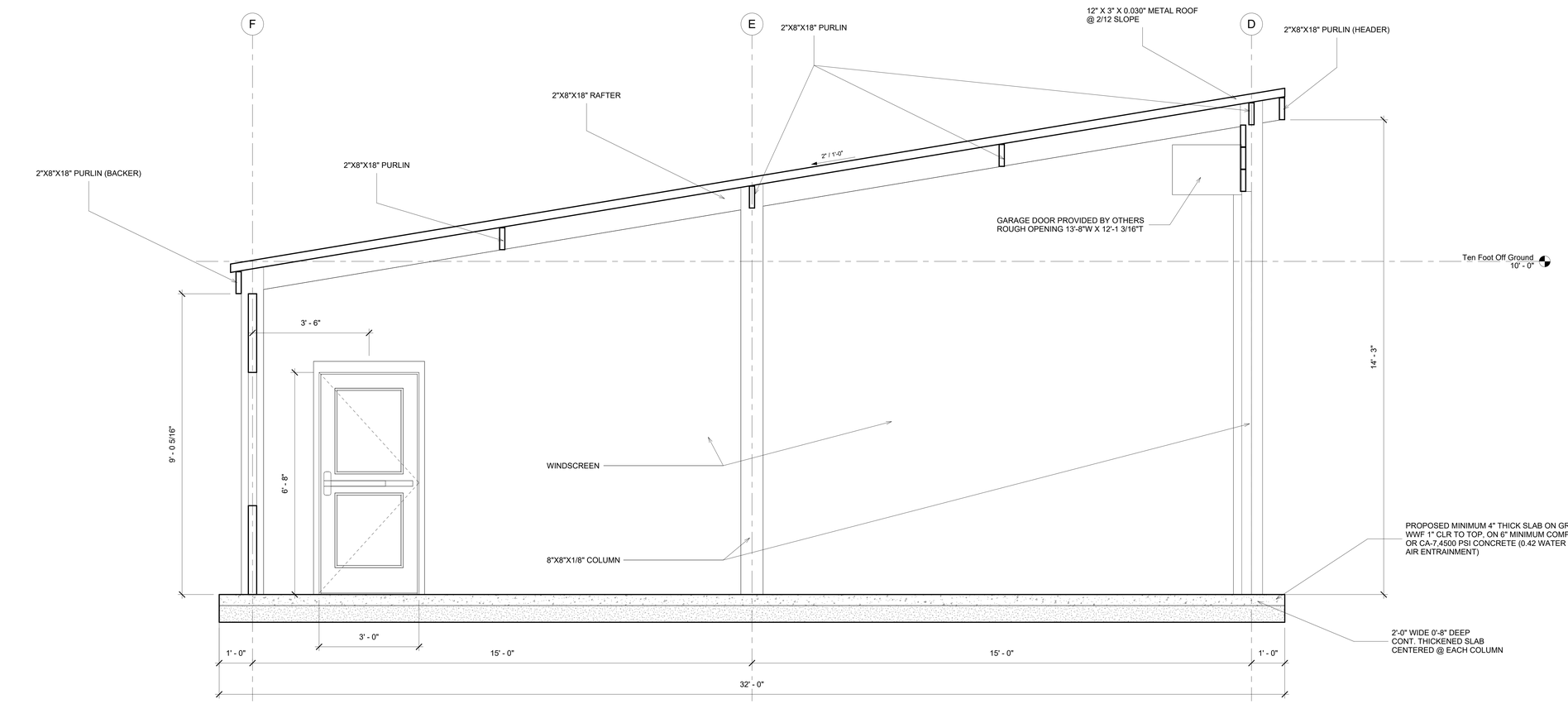
COVERED TEE-LINE &
LEARNING CENTER

Right Side Section & Front
Section
Tee-Line

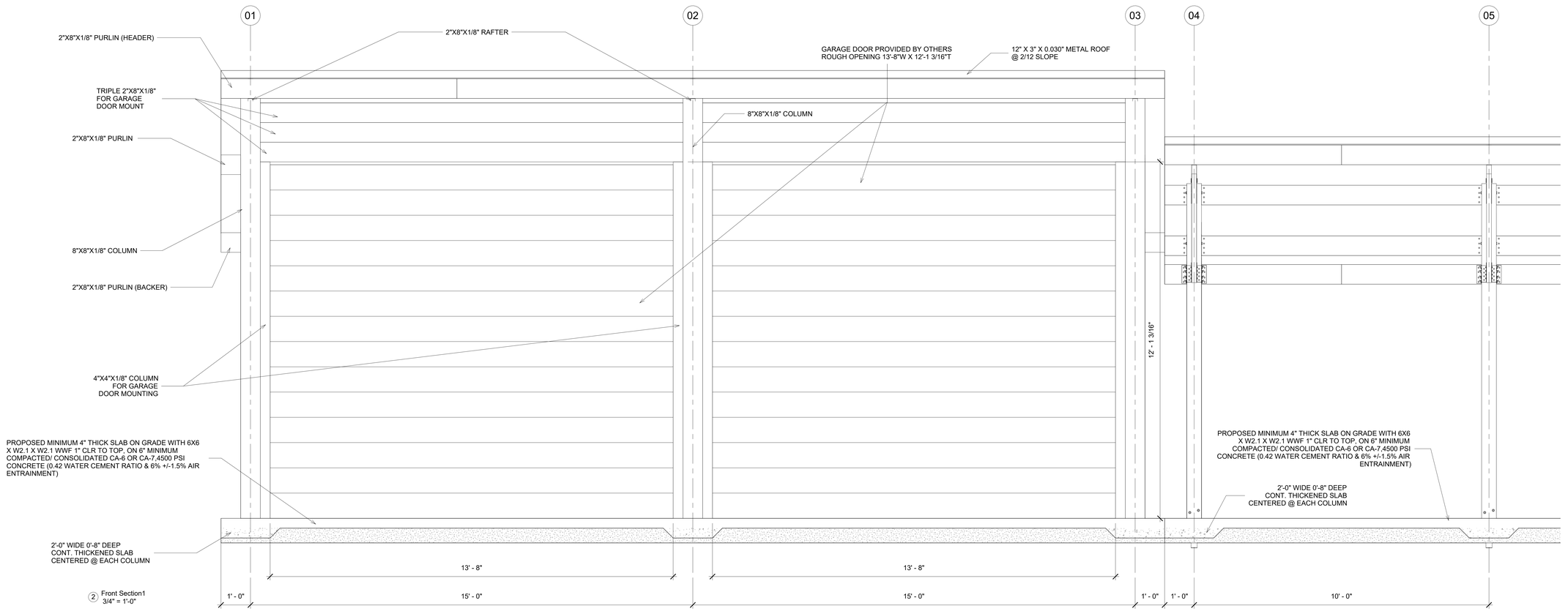
Project Number	NMSU120524
Date	06/26/25
Drawn By	KGM
Checked By	Checker

S103 A

Scale



1 Right Side Section1
3/4" = 1'-0"



2 Front Section1
3/4" = 1'-0"

Cover The Tees
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New Mexico State University
Golf Course
3000 Herb
Wimberly Dr, Las Cruces,
NM 88001

COVERED TEE-LINE &
LEARNING CENTER

Right Side Section & Front
Section
Teaching Center

Project Number	NMSU120524
Date	06/26/25
Drawn By	KGM
Checked By	Checker

S103 B

Scale