



**THE CITY OF SAN DIEGO
M E M O R A N D U M**

DATE: April 4, 2024
TO: Elena Pascual, Associate Planner, Planning Department
FROM: Andy Field, Director, Parks and Recreation Department
SUBJECT: Approval of the General Development Plan for Robb Field Community Park

On February 21, 2024, the Parks and Recreation Board approved the motion unanimously 8-0-0 to recommend approval of the following item[s]:

1. Robb Field Community Park General Development Plan Amendment

Based on the recommendations from the Parks and Recreation Board and as authorized under Council Policy 600-33, the Parks and Recreation Department hereby approves the above listed General Development Plans.

Andy Field, Director
Parks and Recreation Department

Date

AF/jg

Attachments: Robb Field Community Park General Development Plan Amendment

cc: Jason Grani, Deputy Director, Engineering & Capital Projects Department

Kevin Oliver, Project Officer II, Engineering & Capital Projects Department

Juliana Grotzinger, Associate Civil Engineer-Project Manager, Engineering & Capital Projects Department

Mehdi Rashidpour, Assistant Engineer-Project Engineer, Engineering & Capital Projects Department

Michelle Abella-Shon, Program Manager, Parks & Recreation Department

Shamli Tarbell, Landscape Designer, Parks & Recreation Department

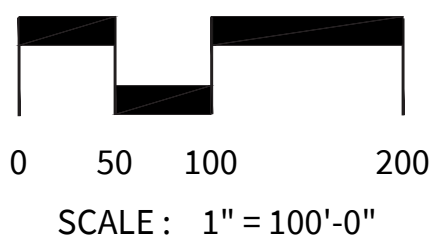
Heidi Vonblum, Planning Director, Planning Department



- LEGEND**
- 1 Accessible Pathway Improvements
 - 2 Parking Improvements
 - 3 Comfort Station
 - 4 Concession Stand
 - 5 Playground Improvements + Picnic Area
 - 6 Community Garden Area
 - 7 Recreation and Fitness Center
 - 8 Pickleball
 - 9 New Parking
 - 10 Existing Restroom
 - 11 Jim Howard Hall To Remain
 - 12 Drivelane Widening
 - 13 New Handball Courts**
 - 14 Multi-Purpose Sports Area
 - 15 Multi-Use Path
 - 16 Connection to Sunset Cliffs Blvd. Per Separate Project
 - 17 Primary Entry Sign
 - 18 Wayfinding Sign
 - 19 Proposed Cul-De-Sac and Drop-Off
 - 20 Synthetic Turf at "Back 9" Fields
 - 21 4' Fencing on the East and West side of Back 9
 - 22 Stormwater Basin
 - 23 Proposed Enclosed Soccer Field
 - 24 Bleacher with Shade Structure
 - 25 Sports Lighting
 - 26 Batting Cages
 - 27 Ocean Beach Walk Bike Trail
 - 28 Proposed Restroom

- TREE LEGEND**
- Parking Lot/Allee Tree
 - Flowering Tree
 - Accent Tree

*Striping at synthetic field shown for graphic purposes only. Field area can accommodate soccer, football, rugby, and lacrosse field sizes. Final multi-use striping to be determined in the future.
 **Existing Handball Courts to remain until new ones are built.
 ***Surveillance cameras to be installed at locations throughout the park TBD by P&R O&M staff



| DATE | ACTION | REFERENCE DOCUMENTS | RESO. NO. | TRANSF. FROM STATE | COST \$: | ACRES: |
|------------|------------------------|---------------------|-----------|--------------------|-------------------|--------|
| 1945 | SITE ACQUIRED | | | | | 66.76 |
| 04.24.1962 | SITE DEDICATED | ORD. NO. 8628 NS | | | | 66.76 |
| 03-56 | GDP CONSULTANT HIRED | RESO. NO. | | NAME: | | |
| 2-70/1-80 | P&R BOARD APPROVAL | PF&R APPROVAL | | DATE: | | |
| 1957 | INITIAL DEVELOPMENT | CIP NO. | | J.O. NO. | DRWG. NO. 3757-D | |
| 2-58 | RESTROOM | CIP NO. | | J.O. NO. | DRWG. NO. 5684-D | |
| 2-58 | PARKING LOT | CIP NO. | | J.O. NO. | DRWG. NO. 4825-D | |
| 5-72 | IMPROVEMENT PLANS | CIP NO. | | J.O. NO. 64983 | DRWG. NO. 14712-D | |
| 9-72 | IMPROVEMENT PLANS | CIP NO. | | J.O. NO. 64983 | DRWG. NO. 14927-D | |
| 1-76 | SPRINKLER SYSTEM | CIP NO. | | J.O. NO. 164016 | DRWG. NO. 16640-D | |
| 5-76 | TENNIS/HANDBALL COURTS | CIP NO. | | J.O. NO. 164016 | DRWG. NO. 16678-D | |
| 6-86 | PARKING RESTROOM | CIP NO. | | J.O. NO. 118229 | DRWG. NO. 20735-D | |
| | | | | J.O. NO. 112513 | DRWG. NO. 27426-D | |

| IMPROVEMENTS SUMMARY (DATA FROM AS-BUILT DRAWINGS) | | | |
|--|-----------|--------------------------|-------------|
| ITEM | QUANTITY | ITEM | QUANTITY |
| TOTAL SITE | 66.76 AC. | PLAY AREA | 9,675 SF |
| IMPROVED AREA | 51 AC. | MULTI-PURPOSE CT. | 13,520 SF |
| TURF | 21.86 AC. | TENNIS CTS. | 73,200 SF |
| SYNTHETIC TURF | 8.3 AC. | RESTROOMS | 5,181 SF |
| SHRUB BED | 2.8 AC. | REC. BLDG. | 10,606 SF |
| DIRT INFIELDS | 1.29 AC. | TENNIS BLDG. | 3,038 SF |
| NON-PROGRAMMED AREA | 8.1 AC. | CONCESSION STAND | 1,000 SF |
| | | PAVED WALKWAYS | 233,706 SF |
| | | MULTI-USE PATH/BIKE LANE | 12,493 SF |
| | | PARKING IMPROVEMENTS | 275,008 SF |
| | | PARKING STALLS-STD. | 843 |
| | | PARKING STALLS-DISABLED | 26 |
| | | HANDBALL COURT | 7,242 SF |
| | | LAWN EDGING | 19,922.2 LF |
| | | BLEACHERS | 16 EA. |
| | | TRACK AT SYNTHETIC TURF | 40,780 SF |
| | | PADEL/MULTI-PURPOSE CTS | 34,678 SF |
| | | REVISION S.M. | 11-2-05 |

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK

LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3

PSD
(MB-113)

EXISTING CONDITIONS PARKING COUNT

TOTAL PARK AREA = 64 ACRES
 NON-PROGRAMMED AREA = 13.6 ACRES

NEEDED PARKING BREAKDOWN:

68 SPOTS = 5 SPOTS PER ACRE OF NON PROGRAMMED
 PARK LAND (13.6 ACRES)
 240 SPOTS = 30 SPOTS PER SOFTBALL BACKSTOP (8)
 24 SPOTS = 12 PARKING SPOTS PER 6 TENNIS COURTS (12 COURTS)
 120 SPOTS = 30 SPOTS PER SOCCER FIELD (2 ADULT, 2 YOUTH)
 47 SPOTS = 1 SPOT PER 200 SF OF BUILDING (9,417 SF)
499 TOTAL PARKING SPACES REQUIRED

CURRENT PARKING BREAKDOWN

PARKING LOT 1 = 131 SPACES (5 ADA REQUIRED, 4 EXISTING)
 PARKING LOT 2 = 196 SPACES (6 ADA REQUIRED, 5 EXISTING)
 PARKING LOT 3 = 314 SPACES (8 ADA REQUIRED, 8 EXISTING)
 PARKING LOT 4 = 12 SPACES (1 ADA REQUIRED, 1 EXISTING)
 PARKING LOT 5 = 57 SPACES (3 ADA REQUIRED, 3 PLANNED)
TOTAL SPACES = 710 SPACES

EXISTING CONDITIONS PARKING COUNTS

499 PARKING SPACES NEEDED
710 PARKING SPACES PROVIDED
211 PARKING SPACE SURPLUS
 (211/30 = 7 ADDITIONAL ACTIVITIES ACCOMMODATED)

PROPOSED PARKING COUNT

TOTAL PARK SCOPE = 64 ACRES
 TOTAL IMPROVEMENT SCOPE AREA = 51 ACRES
 NON-PROGRAMMED AREA = 8.1 ACRES

BREAKDOWN:

41 SPOTS = 5 SPOTS PER ACRE OF NON-PROGRAMMED PARK LAND (8.1)
 240 SPOTS = 30 SPOTS PER SOFTBALL BACKSTOP (8)
 68 SPOTS = 1 SPOT PER 200 SF OF BUILDING (13,650 SF)
 36 SPOTS = TWELVE SPOTS PER SIX TENNIS/PADEL COURTS (18 COURTS)
 24 SPOTS = TWELVE SPOTS PER SIX PICKLEBALL COURTS (12 COURTS)
 120 SPOTS = 30 SPOTS PER SOCCER FIELD (2 ADULT, 2 YOUTH)
 30 SPOTS = 15 SPOTS PER ENCLOSED SOCCER COURT (2)
559 TOTAL PARKING SPACES NEEDED

PROPOSED PARKING BREAKDOWN:

PARKING LOT 1 = 101 SPACES (5 ADA)
 PARKING LOT 2 = 275 SPACES (7 ADA)
 PARKING LOT 3 = 341 SPACES (8 ADA)
 PARKING LOT 4 = 12 SPACES (1 ADA)
 PARKING LOT 5 = 57 SPACES (3 ADA)
 PARKING LOT 6 = 34 SPACES (2 ADA)
TOTAL SPACES = 820 SPACES

PROPOSED PARKING COUNTS

559 PARKING SPACES NEEDED
820 PARKING SPACES PROVIDED
261 PARKING SPACE SURPLUS
 (261/30 = 8 ADDITIONAL ACTIVITIES ACCOMMODATED)



PLANT LEGEND

PARKING LOT & ALLEE TREES SUCH AS:

Fraxinus oxycarpa 'Raywood' / Raywood Ash
Lophostemon confertus / Brisbane Box
Quercus Ilex / Holm Oak

ACCENT TREES (10' OR LARGER PLANTERS)

Platanus mexicana / Mexican Sycamore
Pinus torreyana / Torrey Pine
Tipuana tipu / Tipu Tree
Quercus agrifolia / Coast Live Oak

FLOWERING TREES:

Bauhinia blakeana / Hong Kong Orchid Tree
*Lagerstroemia indica** / Crape Myrtle
Tabebuia rosea / Pink Trumpet Tree
 *Limit to areas where there are space constraints.

PLANTING AREAS AND PARKING ISLANDS:

Primarily bark mulch or decomposed granite with accent boulders and groupings of plantings such as:

Abutilon palmeri / Indian Mallow
Agave attenuata / Foxtail Agave
Agave desmetiana 'Variegata' / Variegated Smooth Agave
Artemisia californica / California Sagebrush
Aster chilensis 'Point Saint George' / Point Saint George Aster
Bahiopsis laciniata / San Diego Sunflower
Cercocarpus betuloides / Mountain Mahogany
Chilopsis linearis / Desert Willow
Dasyliiron wheeleri / Spoon Yucca
Erigeron glaucus 'Sea Breeze' / Seaside Daisy
Gambelia speciosa / Island Snapdragon
Grindelia stricta venulosa / Grindelia
Heteromeles arbutifolia 'Davis Gold' / Davis Gold Toyon
Hesperaloe parviflora / Red Yucca
Lantana montevidensis / Trailing Lantana
Nolina microcarpa / Beargrass
Rhamnus californica / Coffeeberry
Rhaphiolepis indica / Indian Hawthorn
Salvia clevelandii / Cleveland Sage
Salvia 'Point Sal Spreader' / Point Sal Purple Sage

BASIN:

Achillea millefolium / Yarrow
Baccharis pilularis 'Pigeon Point' / Dwarf Coyote Brush Plant
Carex praegracilis / Field Sedge
Carex tumulicola / Berkeley Sedge
Iva hayesiana / San Diego Povertyweed
Muhlenbergia rigens / Deer Grass
Populus fremontii / Fremont Cottonwood



Fraxinus oxycarpa 'Raywood'



Quercus Ilex



Platanus mexicana



Pinus torreyana



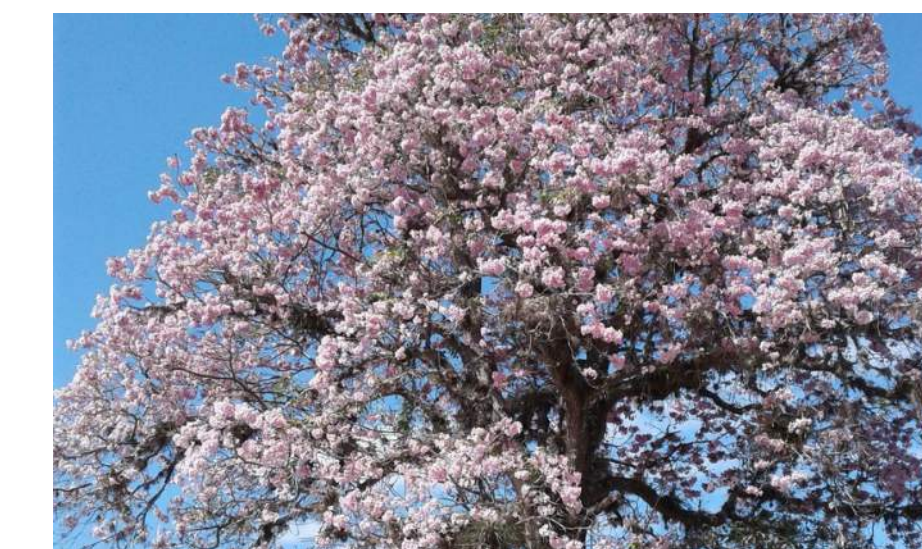
Tipuana tipu



Bauhinia blakeana



Lagerstroemia indica



Tabebuia



Abutilon palmeri



Agave spp



Artemisia californica



Aster chilensis 'Point Saint George'



Baccharis pilularis 'Pigeon Point'



Cercocarpus betuloides



Chilopsis linearis



Dasyliiron wheeleri



Erigeron glaucus 'Sea Breeze'



Grindelia stricta venulosa



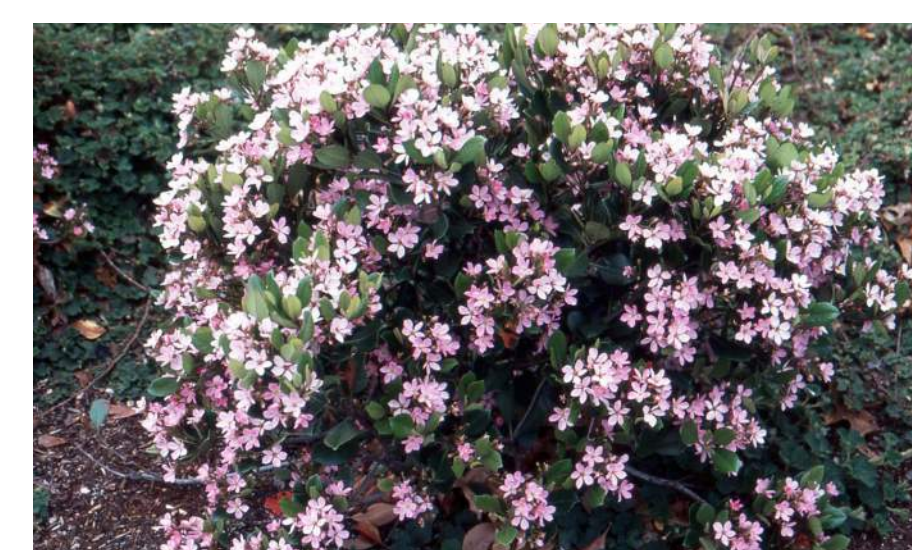
Heteromeles arbutifolia 'Davis Gold'



Hesperaloe parviflora



Lantana montevidensis



Rhaphiolepis indica



Salvia clevelandii



Salvia 'Point Sal Spreader'



Carex praegracilis



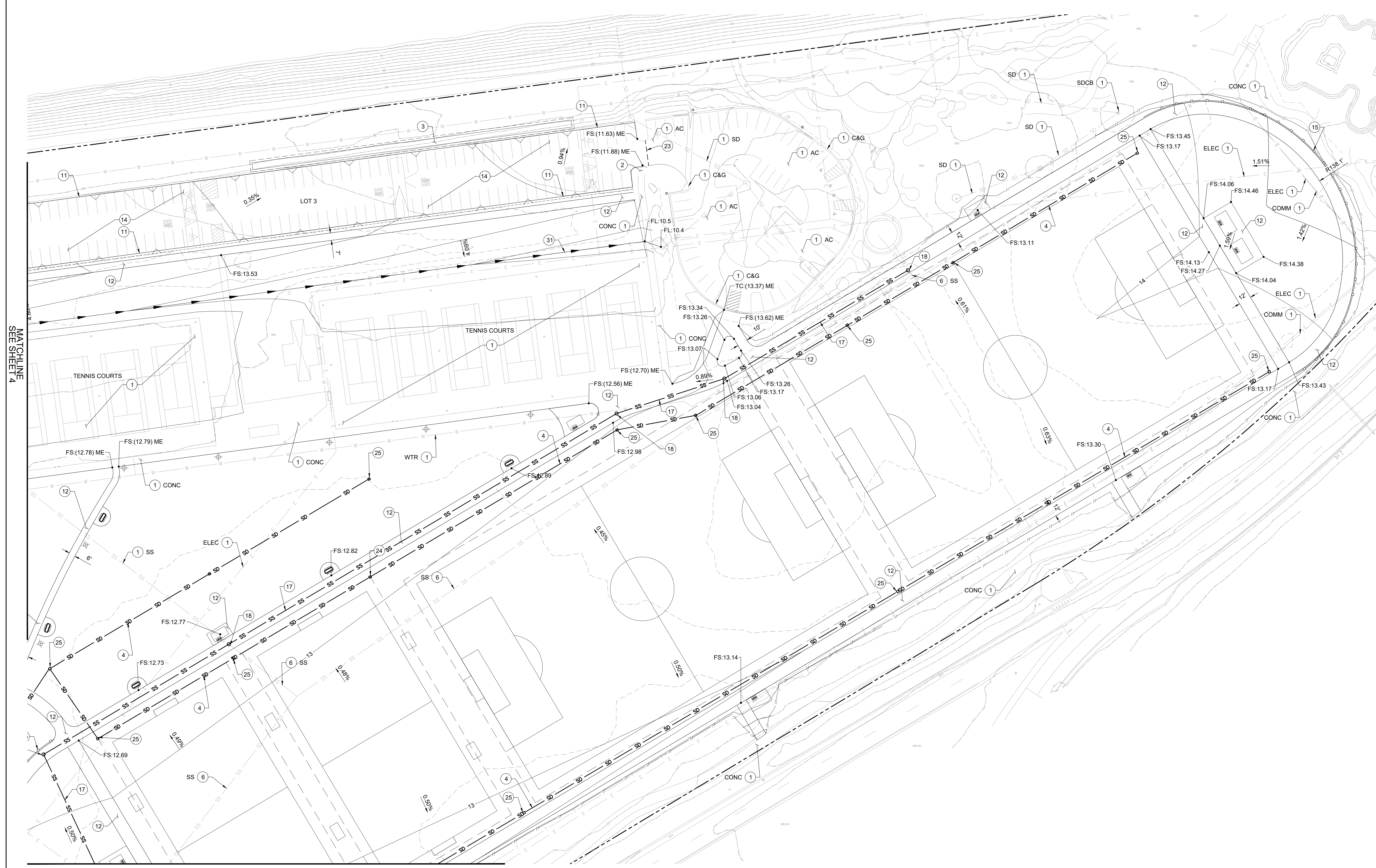
Iva hayesiana



Muhlenbergia rigens



Populus fremontii

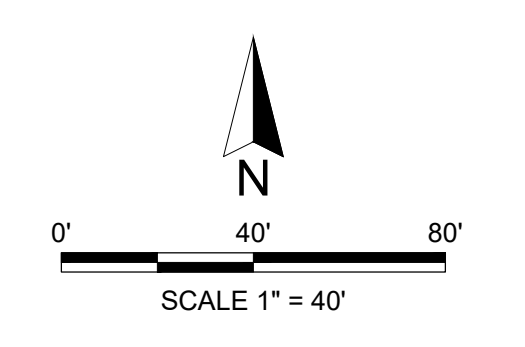


- CONSTRUCTION NOTES**
- 1 PROTECT IN PLACE
 - 2 CONSTRUCT CURB RAMP PER SDPWC-130 THROUGH SDPWC-138
 - 3 CONSTRUCT BIOFILTRATION BASIN
 - 4 CONSTRUCT 8" PVC STORM DRAIN
 - 5 TIE INTO EXISTING STORM DRAIN
 - 6 REMOVE AND DISPOSE
 - 7 CONSTRUCT CURB INLET PER SDD-115 THROUGH SDD-117
 - 8 CONSTRUCT STORM DRAIN CLEANOUT PER SDPWC D-09
 - 9 TIE INTO EXISTING STORM DRAIN CATCH BASIN
 - 10 TO BE CONSTRUCTED PER SEPARATE PROJECT
 - 11 CONSTRUCT CURB AND GUTTER PER SDPWC-150
 - 12 CONSTRUCT PCC SIDEWALK
 - 13 CONSTRUCT DG WALKWAY
 - 14 CONSTRUCT ASPHALT PAVEMENT ROADWAY SECTION
 - 15 CONSTRUCT 4" FENCE PER SDPWC M-20
 - 16 ADJUST TO FINISH GRADE
 - 17 CONSTRUCT 6" PVC SEWER
 - 18 CONSTRUCT SEWER LATERAL CLEANOUT PER SDS-103
 - 19 CONNECT TO EXISTING 24" SEWER MAIN
 - 20 TIE IN TO EXISTING CULVERT
 - 21 CONSTRUCT WATER SERVICE LATERAL
 - 22 LANDSCAPING PER LANDSCAPING PLANS
 - 23 SAWCUT
 - 25 CONSTRUCT STORM DRAIN AREA DRAIN
 - 31 CONSTRUCT GRADED SWALE

LEGEND

| | |
|---|-------------|
| PROPERTY LINE | --- |
| SAWCUT LINE | - - - - - |
| DAYLIGHT LINE | /// |
| UTILITY LINE TO BE REMOVED | -X-X-X-X-X- |
| OUTLINE OF SENSITIVE AREAS (WATERSHED, BLUFFS, SOFT SOILS) | ---- |
| STORM DRAIN | SD |
| WATER LINE | W |
| SEWER LINE | SS |

MATCHLINE
SEE SHEET 2



PRELIMINARY GRADING AND DRAINAGE PLAN

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

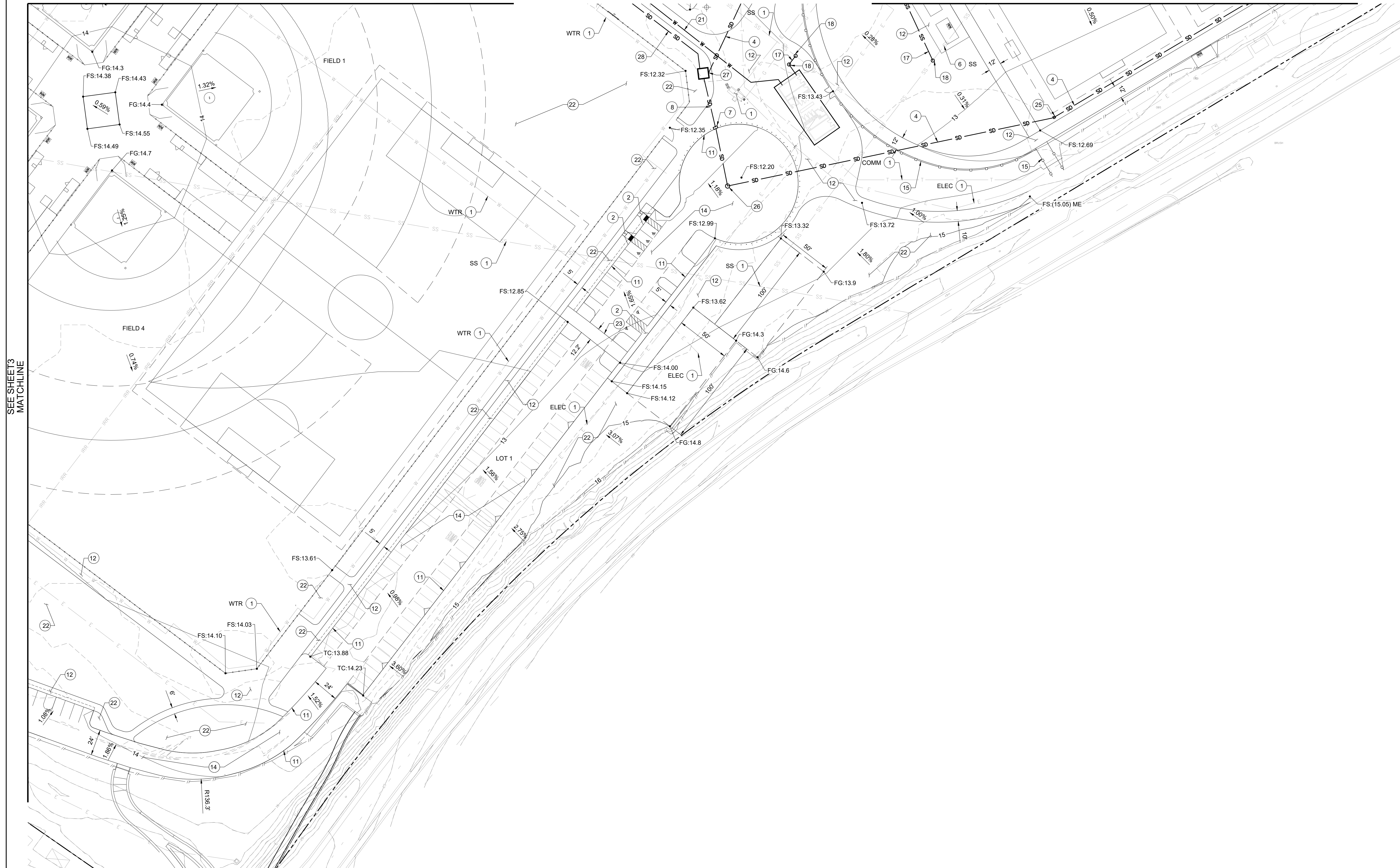
ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD
 LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 SUPPLEMENTAL SHEET NO.: 2 OF 24

SEE SHEET 4
MATCHLINE

SEE SHEET 1
MATCHLINE

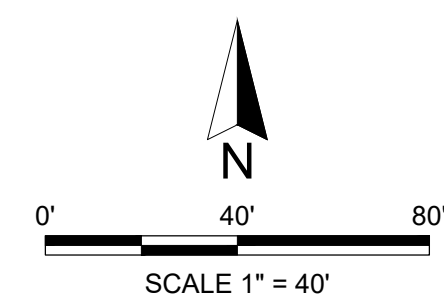


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- 21 CONSTRUCT WATER SERVICE LATERAL
- 22 LANDSCAPING PER LANDSCAPING PLANS
- 23 SAWCUT
- 24 INSTALL CROSS GUTTER PER SDPWC SDG-157
- 25 CONSTRUCT STORM DRAIN AREA DRAIN
- 26 CONSTRUCT STORM DRAIN JUNCTION STRUCTURE
- 27 CONSTRUCT 10'x10' STORM DRAIN PUMP VAULT
- 28 CONSTRUCT 3" PVC PRESSURE FORCE MAIN

LEGEND

- PROPERTY LINE ---
- SAWCUT LINE - - - - -
- DAYLIGHT LINE // // //
- UTILITY LINE TO BE REMOVED - x - x - x - x - x -
- OUTLINE OF SENSITIVE AREAS
(WATERSHED, BLUFFS, SOFT SOILS) - - - - -
- STORM DRAIN SD
- WATER LINE W
- SEWER LINE SS



PRELIMINARY GRADING AND DRAINAGE PLAN

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

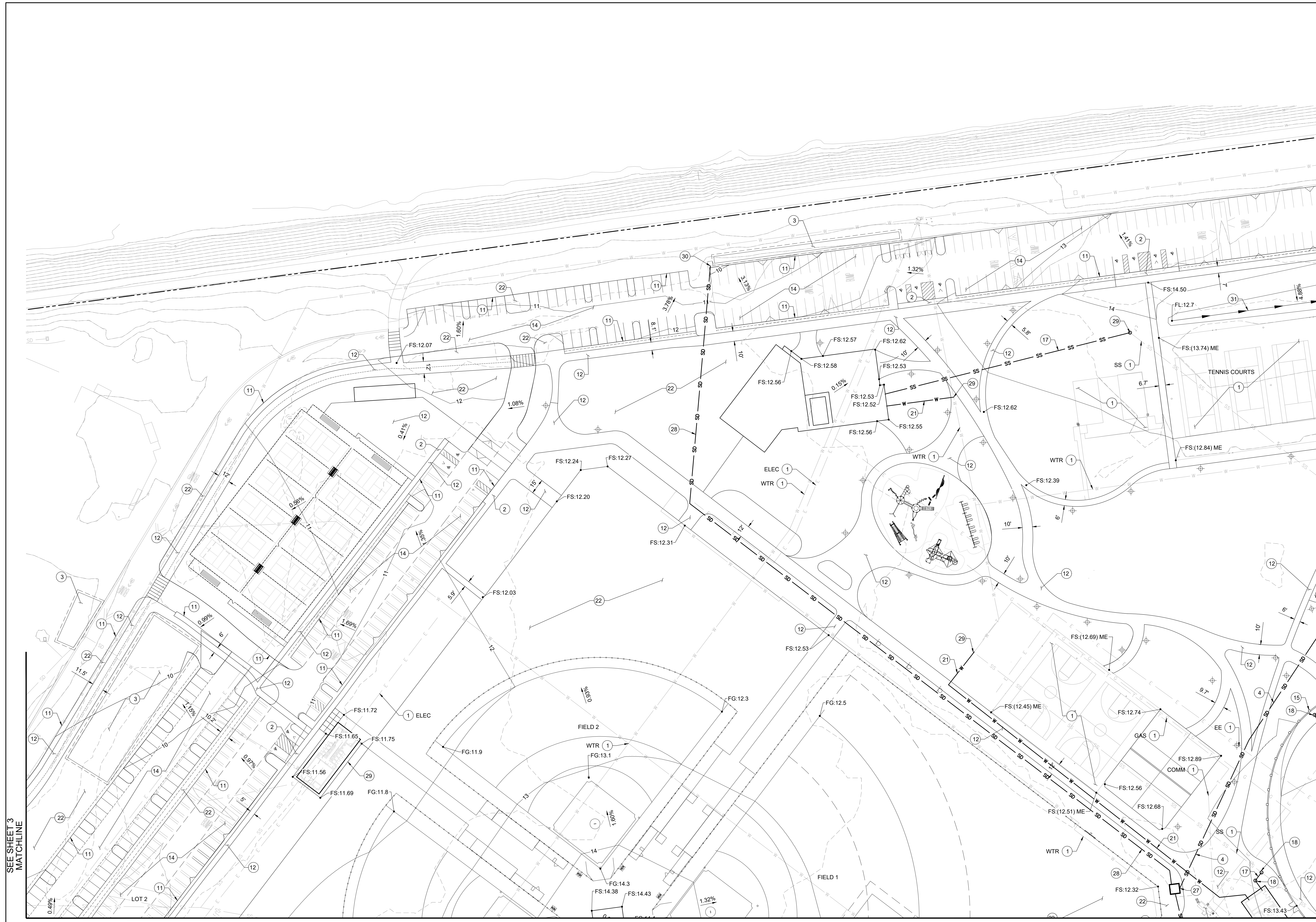
COUNCIL DISTRICT NO. 2

COMM. PLAN AREA: MISSION PARK

PSD

LAMBERT COORDINATES: 215-1695

THOMAS BROTHERS PAGE: PG. 59-83 SUPPLEMENTAL SHEET NO.: 3 OF 24



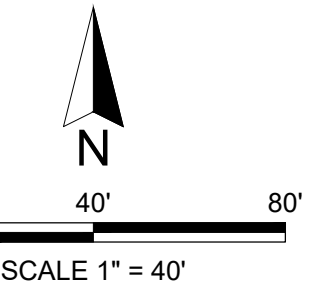
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 - 25 CONSTRUCT STORM DRAIN AREA DRAIN
 - 26 CONSTRUCT STORM DRAIN CURB OUTLET
 - 27 CONSTRUCT 10x10' STORM DRAIN PUMP VAULT
 - 28 CONSTRUCT 3" PVC PRESSURE FORCE MAIN
 - 29 RECONNECT EXISTING WATER AND SEWER
 - 30 CONNECT TO EXISTING STORM DRAIN INLET
 - 31 CONSTRUCT GRADED SWALE

LEGEND

| | |
|---|-----------|
| PROPERTY LINE | --- |
| SAWCUT LINE | - - - - - |
| DAYLIGHT LINE | — · — · — |
| UTILITY LINE TO BE REMOVED | · · · · · |
| OUTLINE OF SENSITIVE AREAS (WATERSHED, BLUFFS, SOFT SOILS) | — · — · — |
| STORM DRAIN | SD |

SEE SHEET 3
MATCHLINE

MATCHLINE
SEE SHEET 2



PRELIMINARY GRADING AND DRAINAGE PLAN

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

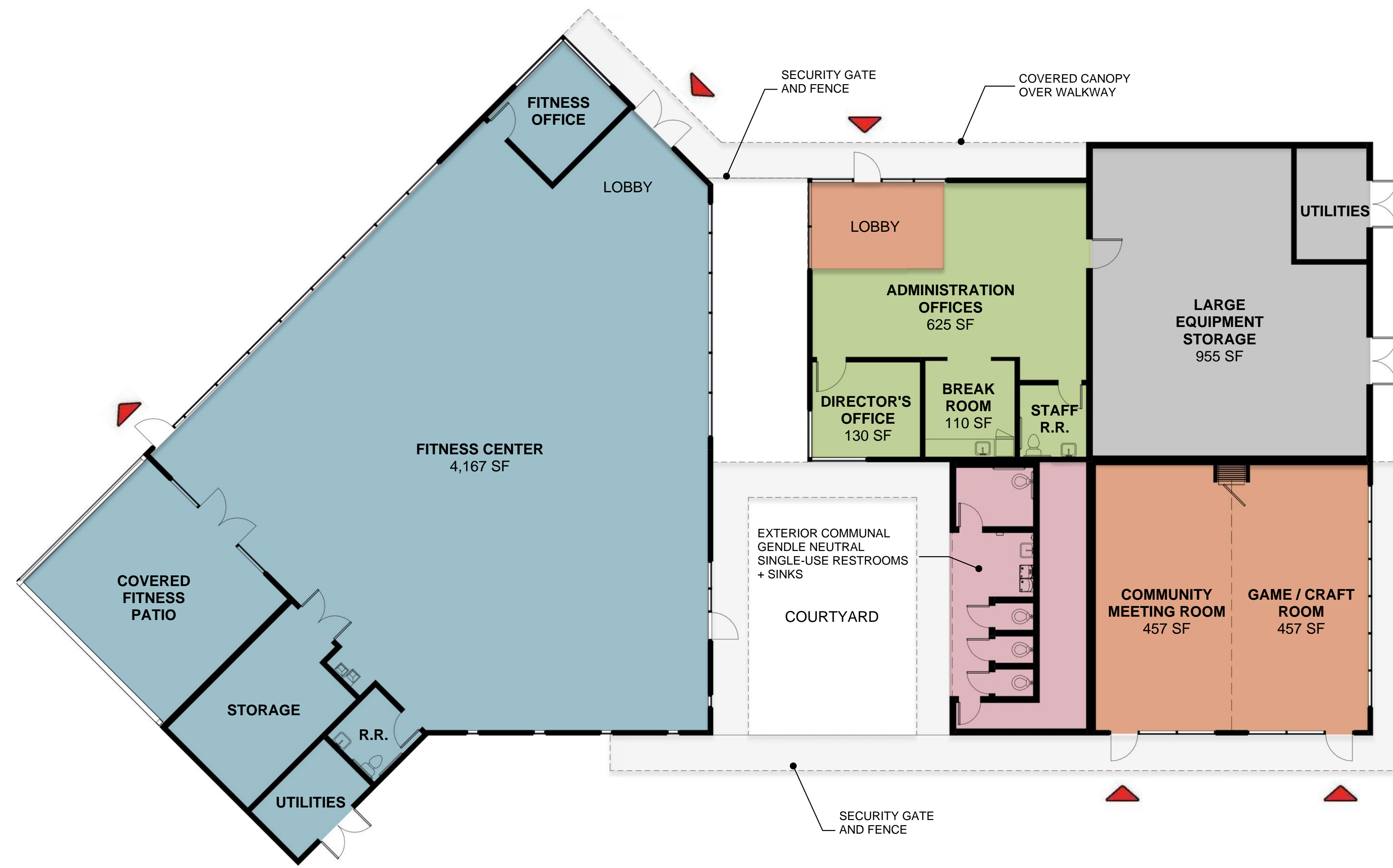
COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD
 LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-83 SUPPLEMENTAL SHEET NO.: 5 OF 24

PROGRAM LEGEND

- FITNESS CENTER
- ADMINISTRATION
- PUBLIC
- COMMUNAL RESTROOMS
- STORAGE/ UTILITIES
- OVERHEAD LINES
- ENTRY / EXIT

TOTAL BLDG SF:
7,781 SF



1 RECREATION CENTER - FLOOR PLAN
1/8" = 1'-0"



PRELIMINARY RECREATION CENTER FLOOR PLAN

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2

COMM. PLAN AREA: MISSION PARK

PSD

LAMBERT COORDINATES: 215-1695

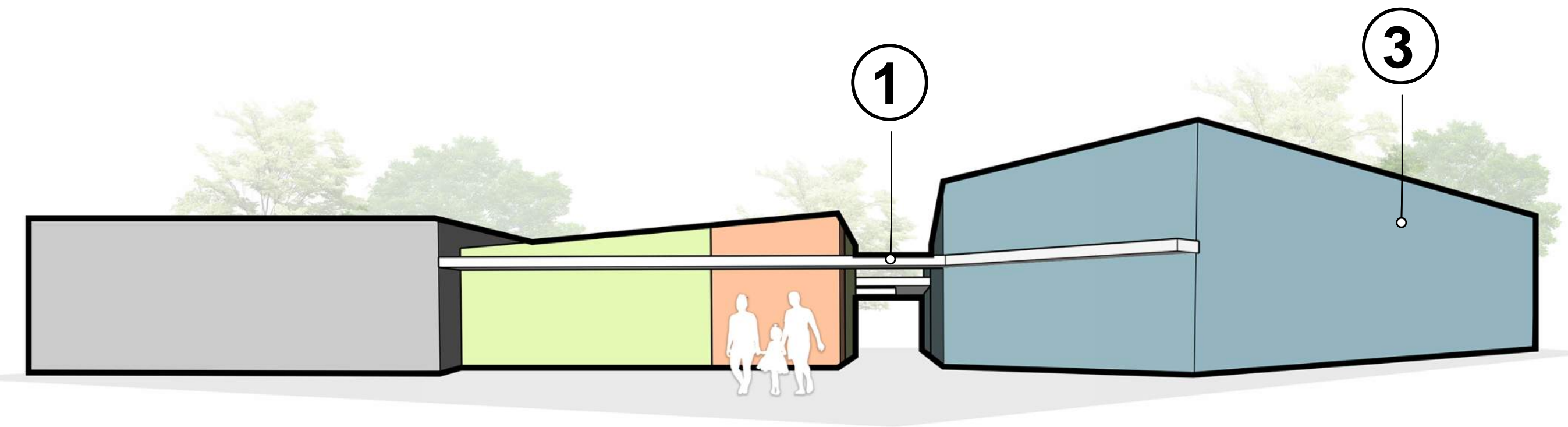
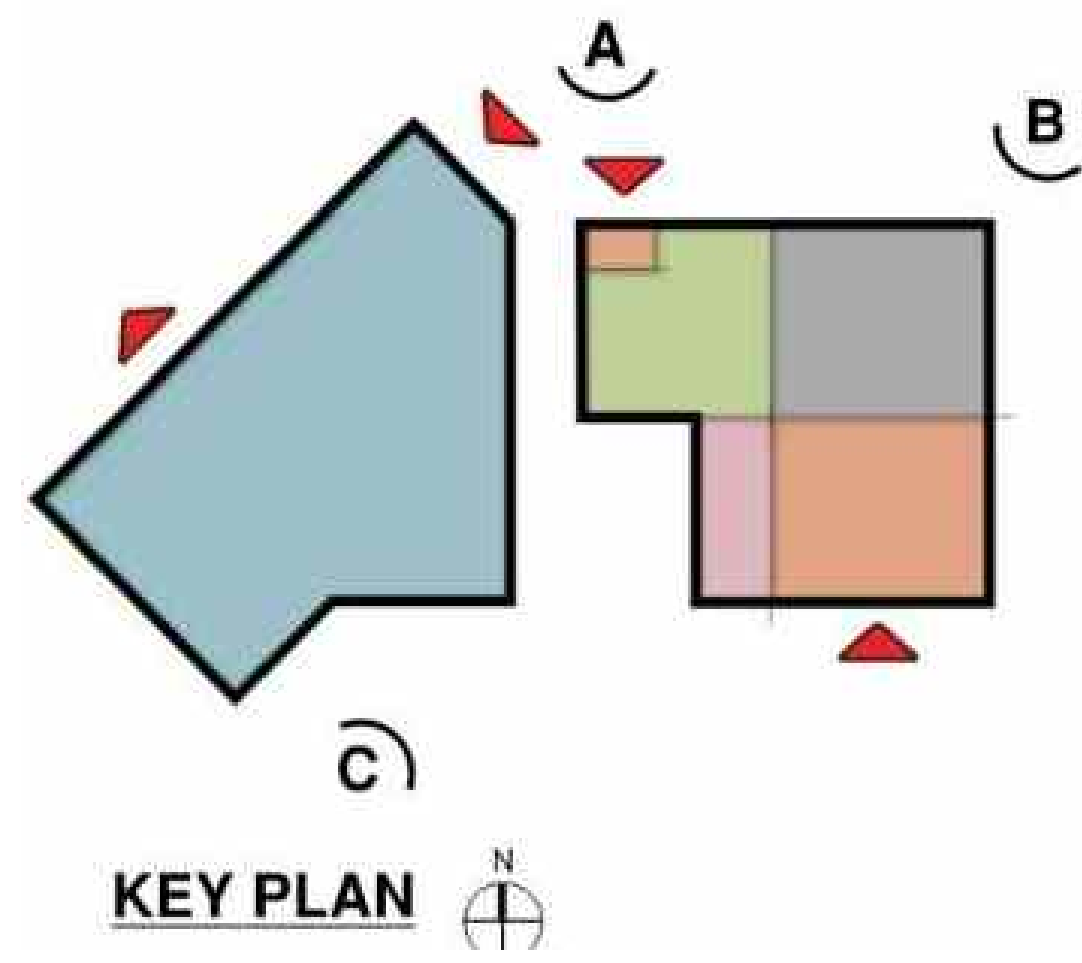
THOMAS BROTHERS PAGE: PG. 59-B3

SUPPLEMENTAL SHEET NO.: 6 OF 24

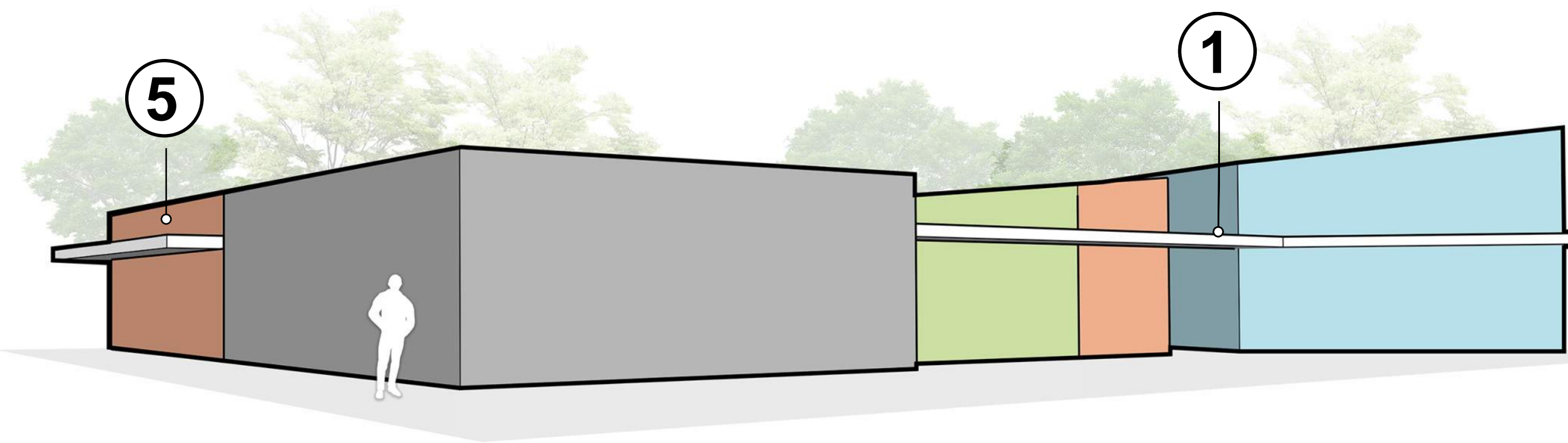
PROGRAM LEGEND

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- ADMINISTRATION
- PUBLIC
- COMMUNAL RESTROOMS
- STORAGE/ UTILITIES
- ENTRY / EXIT

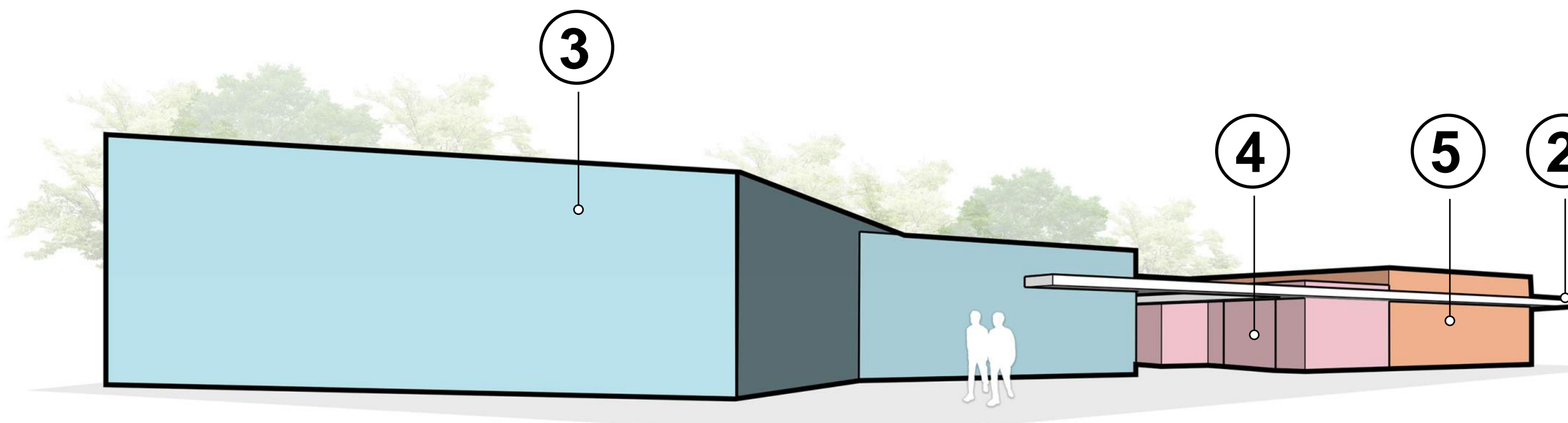
TOTAL BLDG SF:
7,781 SF



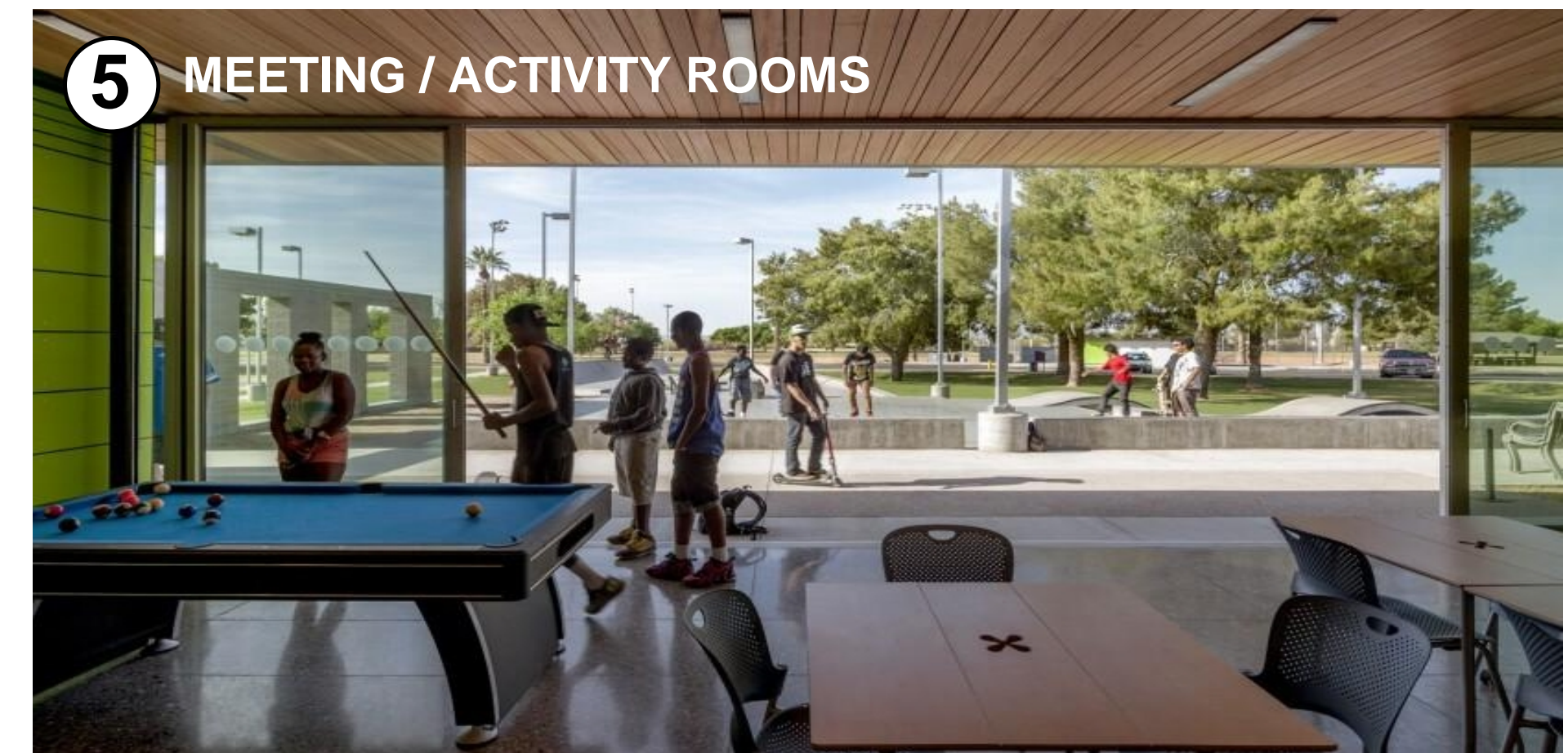
A NORTH PERSPECTIVE



B NORTHWEST PERSPECTIVE



C SOUTHEAST PERSPECTIVE



PRELIMINARY RECREATION CENTER PERSPECTIVES AND INSPIRATION

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2

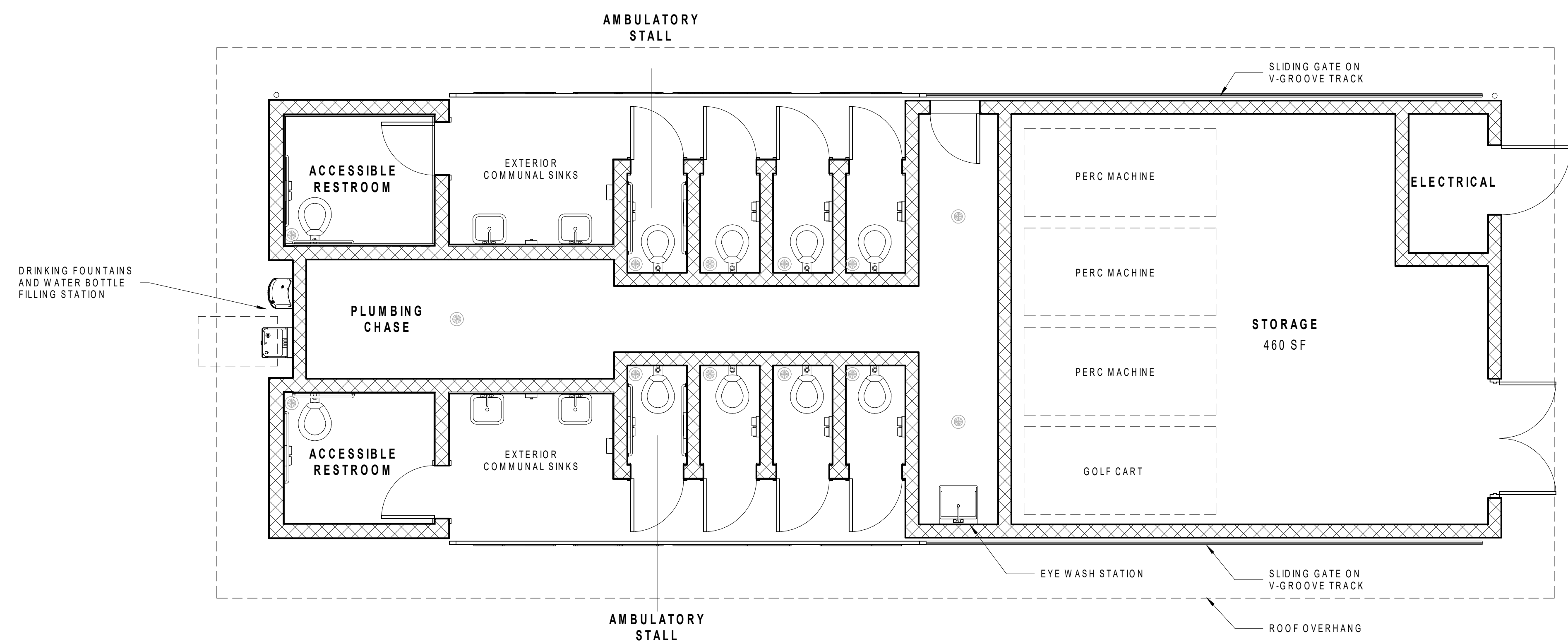
COMM. PLAN AREA: MISSION PARK

PSD

LAMBERT COORDINATES: 215-1695

THOMAS BROTHERS PAGE: PG. 59-B3

SUPPLEMENTAL SHEET NO.: 7 OF 24



COMFORT STATION BUILDING = 1,152 GROSS SQUARE FEET (GSF)

TOTALS

- 2 ACCESSIBLE RESTROOMS, GENDER NEUTRAL
- 2 AMBULATORY RESTROOMS, GENDER NEUTRAL
- 6 STANDARD RESTROOMS, GENDER NEUTRAL
- 4 EXTERIOR LAVATORIES

1 COMFORT STATION - FLOOR PLAN
1/4" = 1'-0"



PRELIMINARY PHASE 1 COMFORT STATION FLOOR PLAN

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2

COMM. PLAN AREA: MISSION PARK

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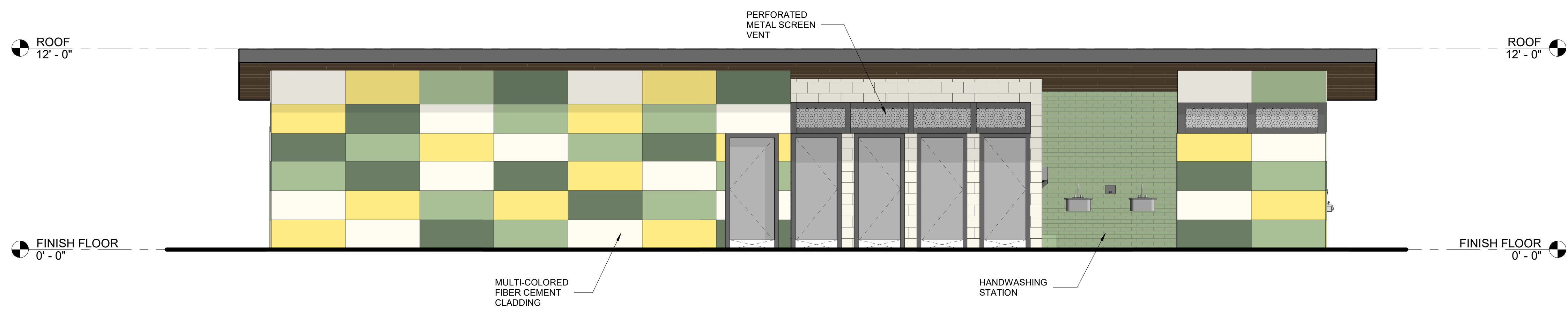
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THOMAS BROTHERS PAGE: PG. 59-B3

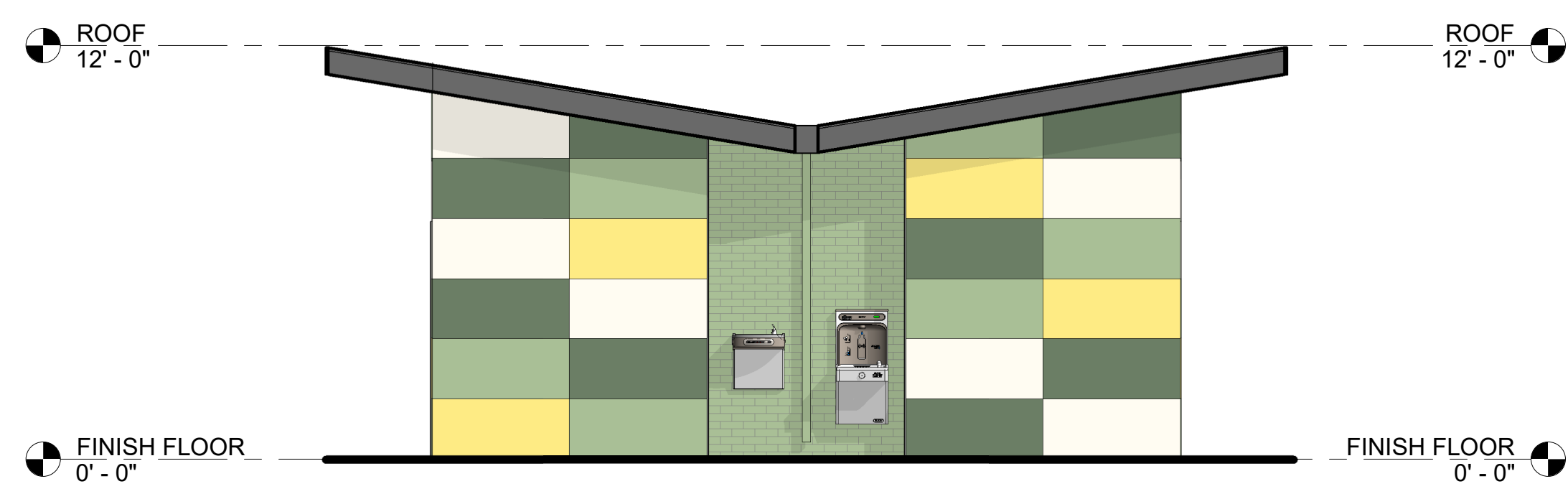
SUPPLEMENTAL SHEET NO.: 8 OF 24



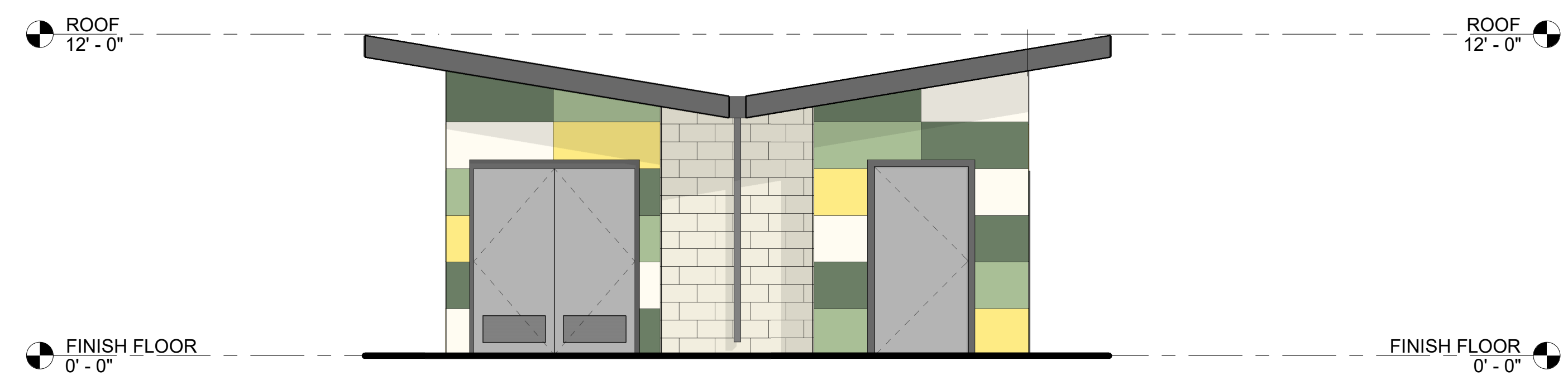
SOUTH ELEVATION
1/4" = 1'-0"



NORTH ELEVATION
1/4" = 1'-0"



WEST ELEVATION
1/4" = 1'-0"



EAST ELEVATION
1/4" = 1'-0"

PRELIMINARY PHASE 1 COMFORT STATION ELEVATIONS

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2

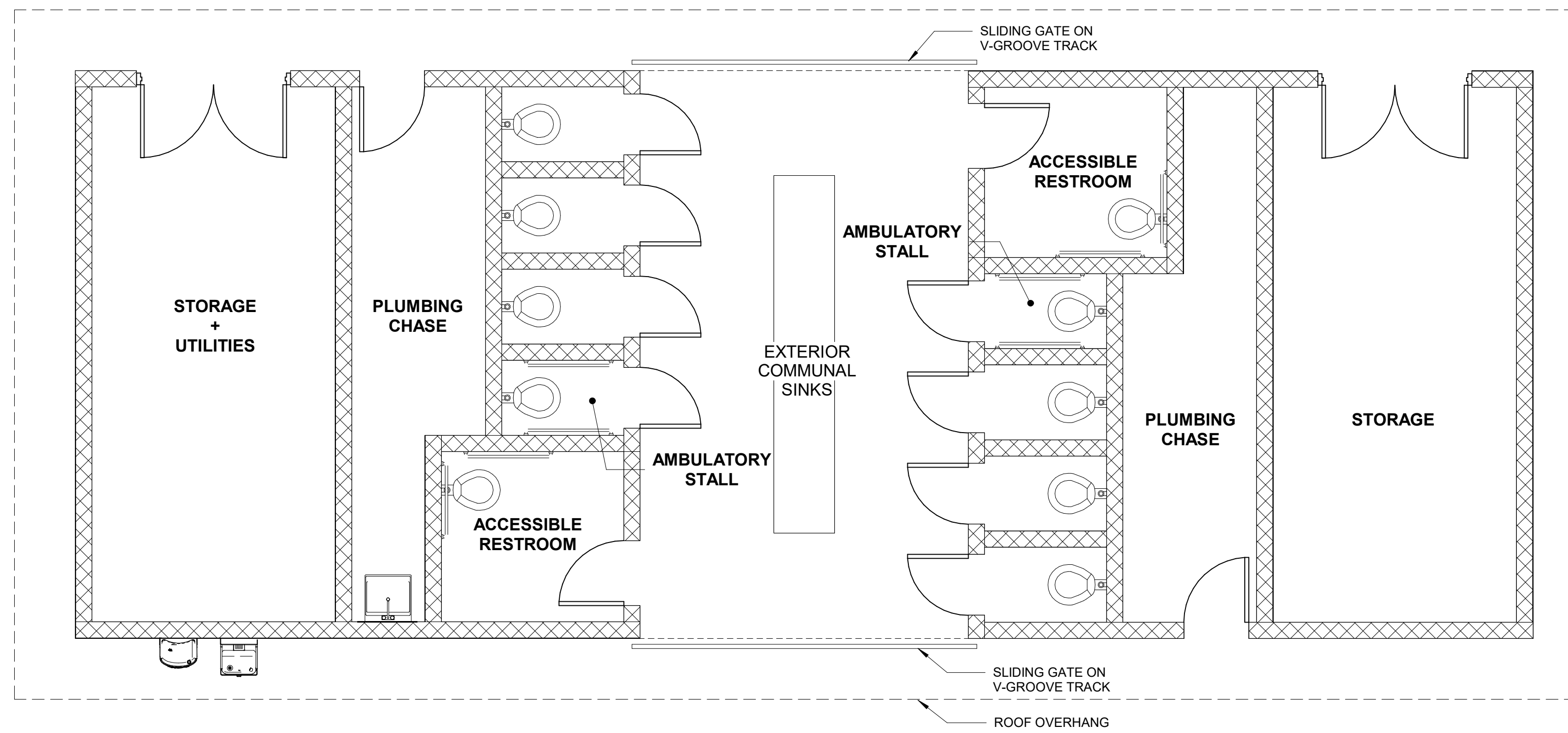
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PSD

LAMBERT COORDINATES: 215-1695

THOMAS BROTHERS PAGE: PG. 59-B3

SUPPLEMENTAL SHEET NO.: 9 OF 24

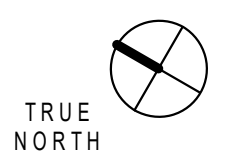


COMFORT STATION BUILDING = 1,152 GROSS SQUARE FEET (GSF)

TOTALS

- 2 ACCESSIBLE RESTROOMS, GENDER NEUTRAL
- 2 AMBULATORY RESTROOMS, GENDER NEUTRAL
- 6 STANDARD RESTROOMS, GENDER NEUTRAL
- 4 EXTERIOR LAVATORIES

1 COMFORT STATION - FLOOR PLAN
1/4" = 1'-0"



PRELIMINARY PHASE 2 COMFORT STATION FLOOR PLAN

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2

COMM. PLAN AREA: MISSION PARK

PSD

LAMBERT COORDINATES: 215-1695

THOMAS BROTHERS PAGE: PG. 59-B3

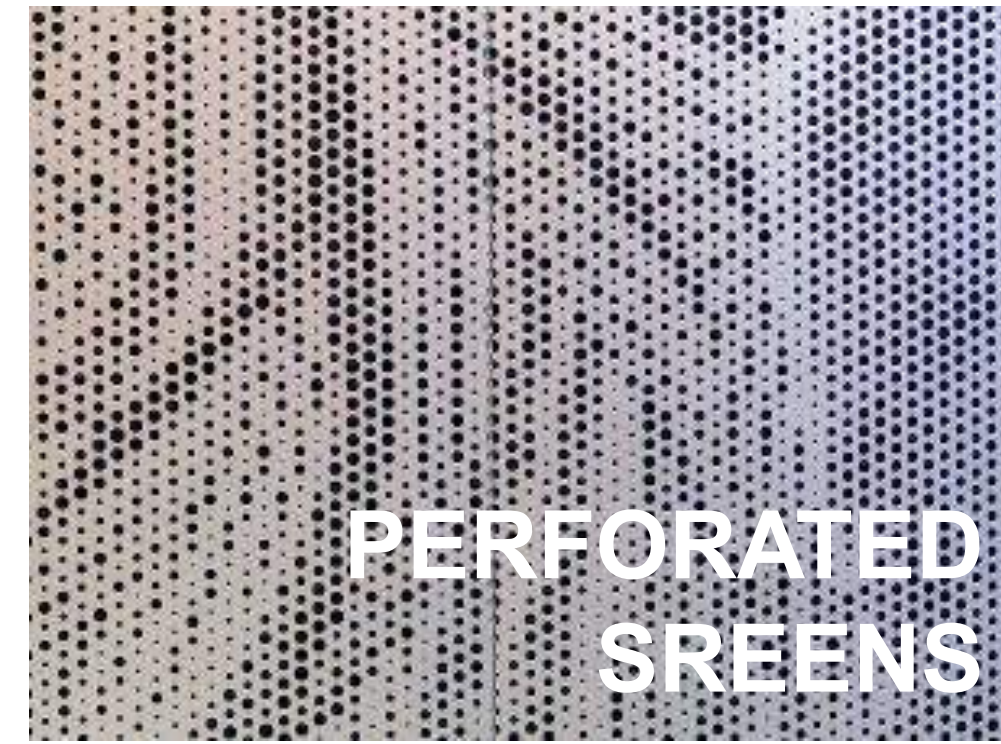
SUPPLEMENTAL SHEET NO.: 10 OF 24



CMU WALL CONSTRUCTION



EXTERIOR CLADDING



PERFORATED
SCREENS



METAL
ROOF



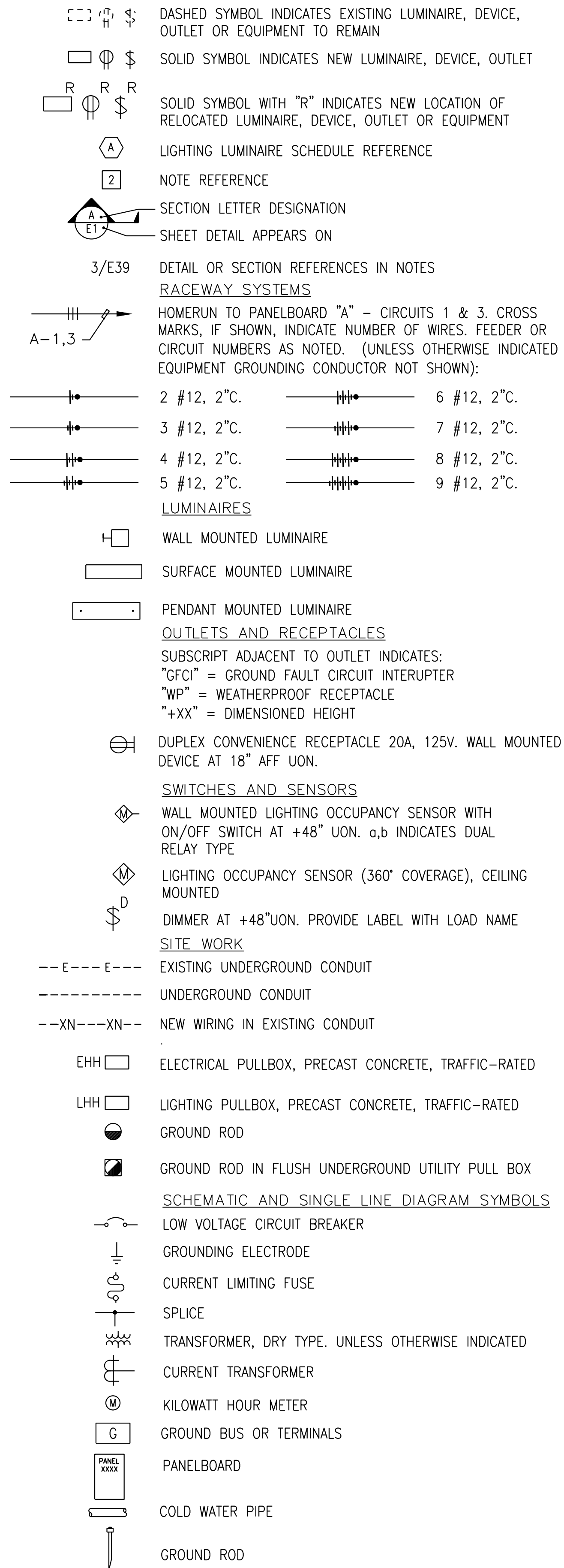
SECURITY FENCE / GATE



EXTERIOR TILE

ELECTRICAL LEGEND

GENERAL SYMBOLS



| DISCONNECT AND OVERCURRENT DEVICES | |
|---|------------------|
| CIRCUIT BREAKER | SAFETY SWITCHES |
| NUMBERS OF POLES | NUMBERS OF POLES |
| TRIP (AMPERES) | FUSE SIZE (AMPS) |
| FRAME (AMPERES) | RATING (AMPERES) |
| I.C. (1000 AMPS) | FUSE CLASS (UL) |
| <ul style="list-style-type: none"> "NA" INDICATES NON-AUTOMATIC C/B "NF" INDICATES NON-FUSED SWITCH "50" INDICATES TRIP OR FUSE SIZE | |

ELECTRICAL ABBREVIATIONS

| ABBREV | DESCRIPTION | ABBREV | DESCRIPTION |
|--------|----------------------------|--------|--|
| A | AMPERE | LHH | LIGHTING HANDHOLE |
| AC | ALTERNATING CURRENT | LTG | LIGHTING |
| AF | AMP FRAME | MAX | MAXIMUM |
| AFF | ABOVE FINISHED FLOOR | MIN | MINIMUM |
| AT | AMP TRIP | MOCp | MAXIMUM OVERCURRENT PROTECTION |
| AWG | AMERICAN WIRE GAUGE | MTS | MANUAL RECOGNIZED TESTING LABORATORY |
| BC | BARE COPPER CONDUCTER | NRTL | NATIONALLY RECOGNIZED TESTING LABORATORY |
| C | CONDUIT | NTS | NOT TO SCALE |
| CEC | CALIFORNIA ELECTRICAL CODE | P | POLE |
| C.O. | CONDUIT ONLY | PVC | POLYVINYL CHLORIDE |
| CONC | CONCRETE | SCH | SCHEDULE |
| CU | COPPER | SDG&E | SAN DIEGO GAS & ELECTRIC COMPANY |
| (E) | EXISTING TO REMAIN | SEC | SECONDARY |
| EHH | ELECTRIC METALLIC TUBING | THHN | THERMOPLASTIC HIGH HEAT RESISTANT NYLON COATED WIRE |
| EMT | ELECTRIC METALLIC TUBING | THWN | THERMOPLASTIC HIGH WATER RESISTANT NYLON COATED WIRE |
| G | GROUND OR GENERATOR | TRANSF | TRANSFORMER |
| GALV | GALVANIZED | TYP | TYPICAL |
| GND | GROUND | UG | UNDERGROUND |
| JB | JUNCTION BOX | UON | UNLESS OTHERWISE NOTED |
| KCM | 1000 CIRCULAR MILS | V | VOLT |
| KVA | KILOVOLT AMPERER | VA | VOLTAMPERE |
| KVAR | KILOVOLT AMPERES, REACTIVE | WM | WATTMETER |
| KW | KILOWATT | WP | WEATHERPROOF |
| KWH | KILOWATT HOUR | XFMR | TRANSFORMER |
| L | LOAD | | |

ELECTRICAL GENERAL NOTES

- THE FOLLOWING GENERAL NOTES APPLY TO ALL ELECTRICAL DRAWINGS.
- INSTALLATION OF ELECTRICAL MATERIAL MUST CONFORM WITH LOCAL REGULATIONS AND THE 2022 CALIFORNIA ELECTRICAL CODE (CEC), PUBLIC WORKS 2021 GREEN BOOK AND WHITE BOOK, WHITE BOOK AND OTHER GOVERNING CODES AND ORDINANCES.
- ALL ELECTRICAL EQUIPMENT MUST BE NRTL LABELED.
- THE CONTRACTOR MUST VISIT THE SITE INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. THEY MUST THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND BY SUBMITTING A BID ACCEPTS CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO PERFORM THEIR WORK.
- IT WILL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF DRAWINGS AND SPECIFICATIONS. THEY MUST CHECK THE DRAWINGS OF THE OTHER TRADES AND WILL CAREFULLY READ THE ENTIRE SPECIFICATIONS AND DETERMINE THEIR RESPONSIBILITIES. FAILURE TO DO SO WILL NOT RELEASE THE CONTRACTOR FROM DOING THE WORK IN COMPLETE ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR MUST COORDINATE THEIR WORK WITH OTHER TRADES AT THE SITE. ANY COST TO ROUTE CONDUIT OTHER THAN AS SHOWN ON THE PLANS SHALL BE INCURRED BY THE CONTRACTOR.
- WHEREVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, CIRCUIT BREAKERS, TRANSFORMERS, GROUND FAULT PROTECTION SYSTEM, ETC. (ALL MATERIALS) ARISES ON THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON DRAWINGS AND/OR IN THE SPECIFICATIONS TO ENSURE COMPLETE AND OPERABLE SYSTEMS TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- ALL CONDUIT SIZES ARE BASED ON COPPER CONDUCTORS WITH THHN/THWN-2 INSULATION UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER #12 AWG MINIMUM SIZE. TYPE THHN/THWN-2 THERMOPLASTIC, 600 VOLT, 75 DEGREES CELSIUS WET AND 90 DEGREES CELSIUS DRY AND UL LISTED UNLESS NOTED OTHERWISE. CONDUCTORS #12 AWG AND LARGER SHALL BE STRANDED.
- MINIMUM CONDUIT SIZE FOR ALL UNDERGROUND INSTALLATION SHALL BE 2" UNLESS OTHERWISE NOTED.
- PROVIDE PROPERLY SIZED LUGS AT ALL CIRCUIT BREAKER PANELS, FOR THE CONDUCTORS SHOWN TO CONNECT TO THESE LUGS.
- INSTALL ALL EXTERIOR MOUNTED ELECTRICAL EQUIPMENT IN WEATHERPROOF, NEMA 3R ENCLOSURES.
- SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR, SIZED PER CEC TABLE 250.122, SHALL BE PROVIDED, INSTALLED IN THE SAME CONDUIT AS THE CIRCUIT CONDUCTORS, FOR ALL FEEDER AND BRANCH CIRCUITS.
- THE SEISMIC BRACING AND ANCHORAGE OF ELECTRICAL CONDUITS, BUS DUCT, WIREWAY AND CABLE TRAY SHALL BE IN ACCORDANCE WITH THE "GUIDELINE FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS", PUBLISHED BY SMACNA AND PPIC.
- ALL ELECTRICAL EQUIPMENT MUST BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

| | |
|--|-------------------------|
| FIXED EQUIPMENT ON GRADE | 20% OF OPERATING WEIGHT |
| FIXED EQUIPMENT ON STRUCTURE | 30% OF OPERATING WEIGHT |
| EMERGENCY POWER & COMMUNICATION EQUIPMENT ON GRADE | 50% OF OPERATING WEIGHT |
| EMERGENCY POWER & COMMUNICATION EQUIPMENT ON STRUCTURE | 75% OF OPERATING WEIGHT |

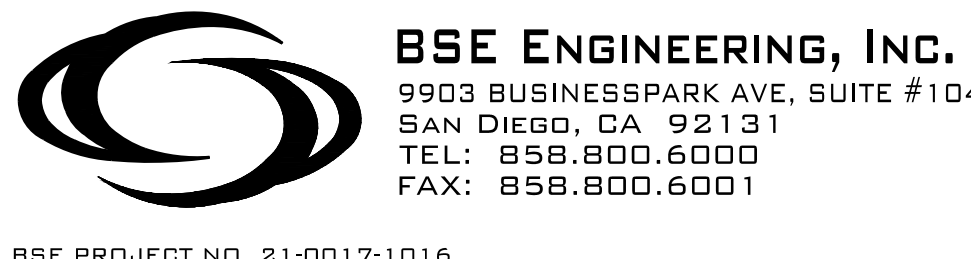
FOR FLEXIBLY MOUNTED EQUIPMENT USED FOUR (4) TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE ONE-THIRD (1/3) TIMES THE HORIZONTAL FORCE. WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION WILL BE SUBJECT TO THE APPROVAL OF THE CITY RESIDENT ENGINEER. WHERE ANCHORAGE IS INDICATED ON THE CONTRACT DOCUMENTS REVIEWED BY RESIDENT ENGINEER, ANCHORAGE SHALL BE AS PER THE CONTRACT DOCUMENTS.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT MUST BE NEW AND MUST BE LISTED BY UNDERWRITER'S LABORATORIES (UL) AND BEAR THEIR LABEL, OR LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AUTHORITY WHERE UL DOES NOT HAVE A LISTING. CUSTOM MADE EQUIPMENT MUST HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTING TO ITS SAFETY. IN ADDITION, THE MATERIALS, EQUIPMENT, AND INSTALLATION MUST COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:
 - AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
 - INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
 - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 - AMERICAN STANDARD ASSOCIATION (ASSA)
 - NATIONAL FIRE PROTECTION AGENCY (NFPA)
 - AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)
 - CALIFORNIA ELECTRICAL CODE (CEC)
 - CALIFORNIA CODE OF REGULATIONS TITLE 24 (CCR)
 - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
 - ALL LOCAL CODES HAVING JURISDICTION

WHERE THE CODES HAVE DIFFERENT LEVELS OF REQUIREMENTS, THE MOST STRINGENT RULE WILL APPLY.
- AFTER ALL REQUIREMENTS OF THE SPECIFICATIONS AND/OR THE DRAWINGS HAVE BEEN FULLY COMPLETED, REPRESENTATIVES OF THE CITY/RESIDENT ENGINEER WILL INSPECT THE WORK. THE CONTRACTOR MUST PROVIDE COMPETENT PERSONNEL TO DEMONSTRATE THE OPERATION OF ANY ITEM OR SYSTEM TO THE FULL SATISFACTION OF EACH REPRESENTATIVE. FINAL ACCEPTANCE OF THE WORK WILL BE MADE BY THE RESIDENT ENGINEER AFTER RECEIPT OF APPROVAL AND RECOMMENDATION OF ACCEPTANCE FROM EACH CITY REPRESENTATIVE.
- EXACT METHOD AND LOCATION OF CONDUIT PENETRATION AND OPENINGS IN CONCRETE WALLS OR FLOORS OR STRUCTURAL STEEL MEMBERS MUST BE AS DIRECTED BY THE STRUCTURAL ENGINEER. PERFORM CORING, SAWCUTTING, PATCHING, AND REFINISHING OF EXISTING WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. OPENINGS MUST BE SEALED IN AN APPROVED METHOD TO MATCH EXISTING SEALED CONDITION OF THE PARTICULAR WALL, FLOOR. EXACT METHOD AND LOCATIONS OF CONDUIT PENETRATIONS AND OPENINGS IN CONCRETE WALLS OR FLOORS SHALL BE UL APPROVED.
- STRAIGHT FEEDER, BRANCH CIRCUIT, AND CONDUIT RUNS MUST BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS. LOCATIONS MUST BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.

ELECTRICAL GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC ONLY. ROUTING OF RACEWAYS MUST BE AT THE OPTION OF THE CONTRACTOR UNLESS OTHERWISE NOTED AND MUST BE COORDINATED WITH OTHER SECTIONS. DO NOT SCALE THE ELECTRICAL DRAWINGS FOR LOCATIONS OF ANY ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL, OR MECHANICAL ITEMS OR FEATURES.
- BX AND MC CABLES MUST NOT BE USED AND ARE NOT ACCEPTABLE.
- SHARING OF NEUTRAL WIRES AND USE OF MULTI-WIRE BRANCH CIRCUIT ARE PROHIBITED. ONE NEUTRAL CONDUCTOR MUST BE PROVIDED FOR EVERY NEW NON-MULTI-WIRE CIRCUIT.
- ALL RACEWAYS MUST INCLUDE A FULL SIZE GREEN INSULATED EQUIPMENT GROUND WIRE TERMINATED AT EACH OUTLET BOX, DEVICE ENCLOSURE, ETC. AND CONNECTED BACK AT THE PANEL, SWITCHBOARD, OR CABINET ON THE APPROPRIATE GROUND BUS.
- FLAT WIRING MUST NOT BE USED.
- PROVIDE WIRE MARKER ON EACH CONDUCTOR IN ELECTRICAL PANEL, PULL BOX, POLE MOUNTED LUMINAIRE, HANDHOLE, OUTLET, AND JUNCTION BOX. IF MORE THAN ONE NEUTRAL IS PRESENT, MARK EACH RELATED CIRCUIT AND PANEL NUMBER.
- CONTRACTOR TO PROVIDE ALL TITLE 24 ACCEPTANCE TEST AND FORMS TO COMPLY WITH TITLE 24.
- ALL WIRING INSIDE THE BUILDING WILL BE IN EMT CONDUIT.
- ALL EMT CONNECTOR, COUPLING, AND OTHER FITTINGS WILL BE NON-CAST STEEL COMPRESSION TYPE.
- FLEXIBLE STEEL CONDUIT IS ALLOWED ONLY ON MOTOR CONNECTION AND FIXTURE TAILS, AND NOT OVER 6 FEET IN LENGTH.
- ANY EXPOSED WIRING DEVICE BOX WILL BE IN CAST IRON ONLY. NO CAST ALUMINUM.
- ANY EXPOSED LIGHT FIXTURE JUNCTION BOX WILL BE CAST IRON ONLY. NO CAST ALUMINUM.
- JUNCTION BOX SIZES WILL BE AT LEAST 4" SQUARE BY 1-1/8" DEEP.
- ALL EXISTING SPORTS LIGHTING AND ASSOCIATED WIRING/CONTROLS IS OUT OF SCOPE, IS TO REMAIN IN PLACE AND OPERATIONAL UNLESS OTHERWISE NOTED.

PRELIMINARY LIGHTING AND ELECTRICAL PLANS



BSE PROJECT NO. 21-0017-1016

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 SUPPLEMENTAL SHEET NO.: 12 OF 24

| LUMINAIRE SCHEDULE | | | | | |
|--------------------|---------|--------|-------------------------------------|--|---|
| OPTION | CALLOUT | SYMBOL | LAMP | DESCRIPTION | MODEL |
| OPTION 1 | A1a | | 57W LED 4000K 7119 LUMENS | AREA AND SITE LUMINAIRE ARM MOUNTED WITH DIE-CAST ALUMINUM HOUSING AND HEAT SINK. | COOPER LIGHTING SOLUTIONS GALN-SA4D-840-U-T4W OR EQUAL |
| OPTION 1 | A1b | | 57W LED 4000K 7119 LUMENS | AREA AND SITE LUMINAIRE ARM MOUNTED WITH DIE-CAST ALUMINUM HOUSING AND HEAT SINK. | COOPER LIGHTING SOLUTIONS GALN-SA4D-840-U-T3R OR EQUAL |
| OPTION 2 | A2 | | 50W LED 4000K 7000 LUMENS | LOW PROFILE LED AREA/SITE LUMINAIRE RATED FOR HIGH VIBRATION APPLICATIONS IN DIE-CAST HOUSING. | BEACON PRODUCTS VP-3-160L-50-4K8-4W-BC OR EQUAL |
| OPTION 3 | A3 | | 168W LED 4000K 8000 LUMENS | PARKING LOT/AREA LED LIGHT FIXTURE WITH LOW PROFILE HOUSING. | NLS LIGHTING NV-2-T4-80L-7-40K OR EQUAL |
| OPTION 4 | A4 | | 149W LED 4800K 17915 LUMENS | HEAVY DUTY CAST LED ROADWAY LUMINAIRE WITH POLYESTER POWDER COAT PAINT FINISH. | COOPER LIGHTING SOLUTIONS LD-RL-T3-E06-E OR EQUAL |
| OPTION 5 | A5 | | 90W LED 4800K 10998 LUMENS | LED AREA/SITE/ROADWAY LIGHT WITH POLYESTER POWDER COAT FINISH. | COOPER LIGHTING SOLUTIONS VRDN-C02-D-UNV-T3 OR EQUAL |
| OPTION 6 | A6 | | 95W LED 4800K 12000 LUMENS | ROADWAY LUMINAIRE. | CREE LIGHTING XSPMD-D-HT-3ME-12L-30K7-UL OR EQUAL |
| OPTION 1 | B1 | | (1) 80W LED 4000K 7800 LUMENS | LED WALKWAY LIGHT WITH ACRYLIC LENS WITH DIE-CAST ALUMINUM HOUSING. | AMERICAN ELECTRIC LIGHTING 245L-P303-40K-R3-AY OR EQUAL |
| OPTION 2 | B2 | | 75W LED 4000K 8767 LUMENS | LUMINESCENT LED POLE LIGHT WITH CAST ALUMINUM HOUSING AND ASYMMETRICAL DISTRIBUTION. | HOLOPHANE LUMINAIRE GSLF3-P40-40K-MVOLT-ASY-NPT OR EQUAL |
| OPTION 3 | B3 | | 80W LED 4000K 9000 LUMENS | LED POLE LIGHT WITH LOW COPPER ALUMINUM ALLOY DIE-CASTING WITH ACRYLIC LENS. | KIM LIGHTING UR20-68L-80-4K8-3 OR EQUAL |
| OPTION 1 | C1 | | 21W LED 4000K 2747 LUMENS | 4FT LED SURFACE MOUNTED STRIP LIGHT. | META 4SNLED-LD5-26SL-UNV-L840-CD1-U OR EQUAL |
| OPTION 2 | C2 | | LED MIN. 2782 LUMENS | | |
| OPTION 1 | C3 | | 25W LED 4000K 3111 LUMENS | 4FT LED SURFACE MOUNTED STRIP LIGHT. | CORE R2L-NL-30L-8-40-D-UNV-STD OR EQUAL |
| OPTION 2 | C4 | | 25W LED 4000K 3094 LUMENS | 10" VANDAL RESISTANT DOWNLIGHT. | SPITZER DF-10-25W-CC-BK |
| OPTION 1 | C5 | | 20W LED 4000K 2200 LUMENS | 11" VANDAL RESISTANT DOWNLIGHT. | COOPER LIGHTING SOLUTIONS T-R-B-11-LD4-20W-40-CL-BK-UNV-ED-C1 |
| OPTION 1 | M1 | | | SPORTS LIGHTING | |
| | M2 | | (1) 900W | SPORTS COURT FLOOD LIGHT | |

PARKING LOT LIGHTING

ROADWAY LIGHTING

WALKWAY LIGHTING

CEILING LIGHTING

SPORTS LIGHTING



*POLES WILL BE OF CONCRETE OR ALUMINUM MATERIAL

| ROBB FIELD - ELECTRICAL LOAD SUMMARY | | | | | | |
|--|---------------|---------|-------|-------------|-----------|-------------------|
| Meter | Proposed Load | Voltage | Phase | Amps | Diversity | Amps w/ Diversity |
| METER 6415859 - House Loads - Main Entry and Pathways | | | | | | |
| Voltage | 240/120V | 240 | 1 | 50 | 1.5 | 74 |
| Phase | 1 | 240 | 1 | 17 | 1.5 | 26 |
| Amperage | 100 | | | | | |
| | TOTAL | | | 67 | | 100 |
| METER 6415874 - House Loads - Parking/Pathways | | | | | | |
| Voltage | 240/120V | 240 | 1 | 10 | 1.5 | 15 |
| Phase | 1 | 240 | 1 | 23 | 1.5 | 34 |
| Amperage | 100 | 240 | 1 | 19 | 1.5 | 29 |
| | TOTAL | | | 62 | | 94 |
| METER 6415860 - House Loads - Sports Lighting 1 | | | | | | |
| Voltage | 240/120V | 240 | 1 | 8 | 1.5 | 12 |
| Phase | 1 | 240 | 1 | 27 | 1.5 | 40.5 |
| Amperage | 100 | | | | | |
| | TOTAL | | | 35 | | 53 |
| METER 6680357 - House Loads - Sports Lighting 2 | | | | | | |
| Voltage | 240/120V | 240 | 1 | 46 | 1.5 | 69 |
| Phase | 1 | 240 | 1 | 46 | 1.5 | 69 |
| Amperage | 400 | | | | | |
| | TOTAL | | | 92 | | 138 |
| METER 6575664 - House Loads - Structure | | | | | | |
| Voltage | 240/120 | 240 | 1 | 100 | 0.8 | 80 |
| Phase | 1 | 240 | 1 | 60 | 0.8 | 48 |
| Amperage | 600 | 240 | 1 | 60 | 0.8 | 48 |
| | TOTAL | | | 41 | | 265 |
| NEW METER - Specialty Sports Lighting | | | | | | |
| Voltage | 480/227 | 480 | 3 | 24 | 1.5 | 36 |
| Phase | 3 | 480 | 3 | 24 | 1.5 | 36 |
| Amperage | 600A | 480 | 3 | 51 | 1.5 | 76 |
| | TOTAL | | | 271 | | 407 |
| NEW METER - Electric Vehicle Charging (New) | | | | | | |
| Voltage | 208/120 | 208 | 3 | 3127 | 1.25 | 3908 |
| Phase | 3 | | | | | |
| Amperage | 1000A | | | | | |
| | TOTAL | | | 3127 | | 3908 |

LOAD SUMMARY
NO SCALE



LUMINAIRE SCHEDULE
NO SCALE

BSE ENGINEERING, INC.
9903 BUSINESSPARK AVE, SUITE #104
SAN DIEGO, CA 92131
TEL: 619.594.6000
FAX: 619.594.6001

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

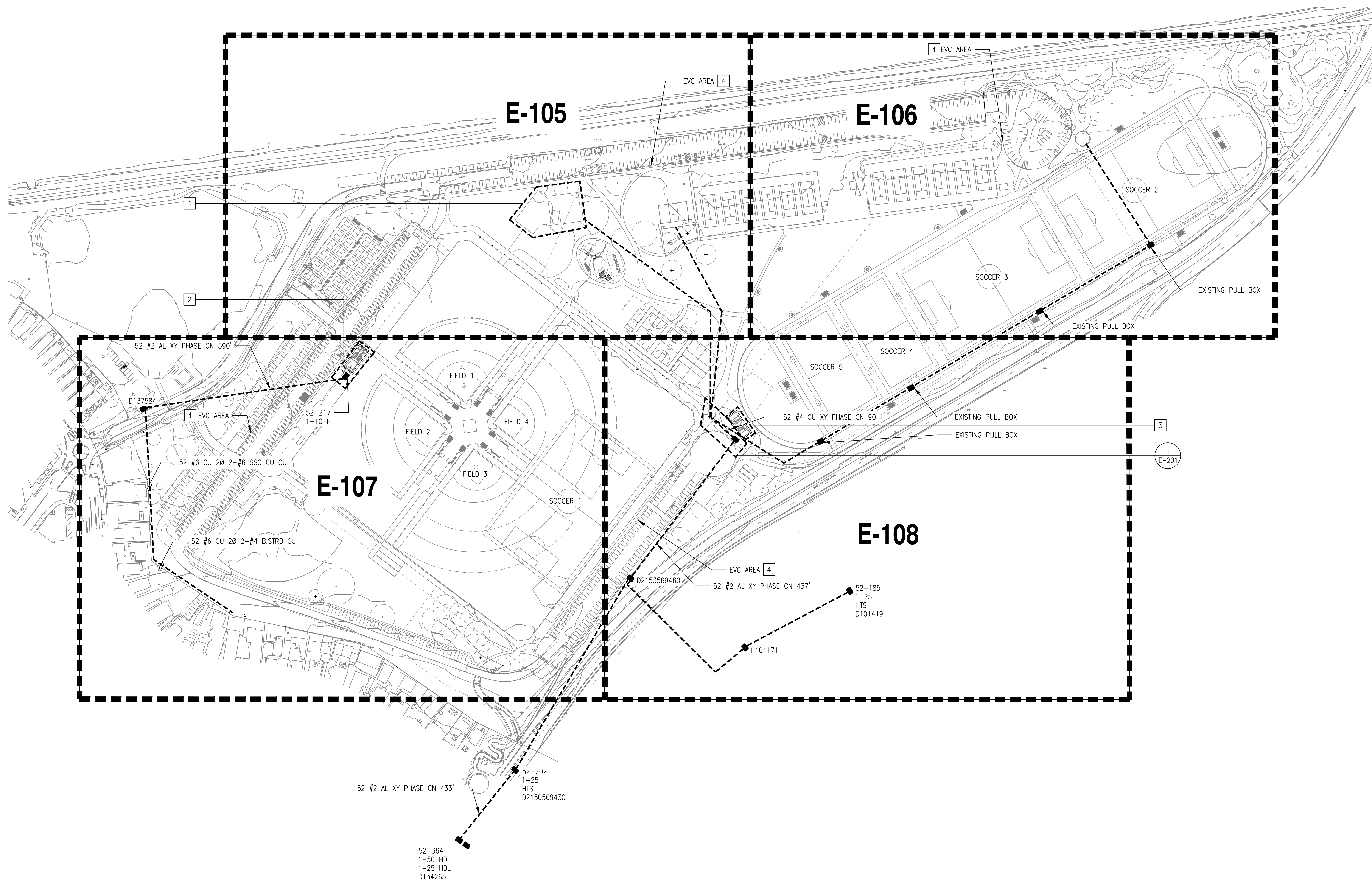
COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

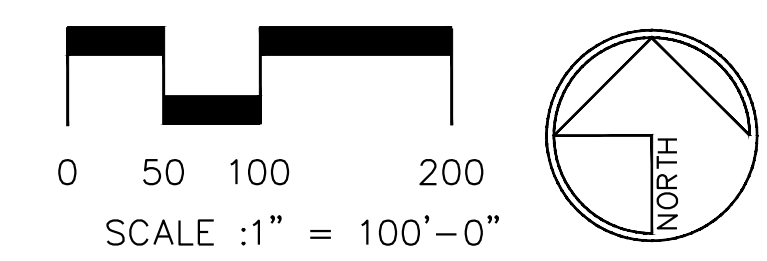
LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 SUPPLEMENTAL SHEET NO.: 13 OF 24

KEYNOTES:

- 1 PROVIDE LIGHTING, LIGHT SWITCHES, MOTION SENSORS, AND GFCI DUPLEX RECEPTACLES WITHIN STRUCTURE. PROVIDE A MINIMUM OF 40 LIGHT FIXTURES, 15 LIGHT SWITCHES AND MOTION SENSORS, AND 30 GFCI DUPLEX RECEPTACLES.
- 2 PROVIDE LIGHTING, LIGHT SWITCHES, MOTION SENSORS, AND GFCI DUPLEX RECEPTACLES WITHIN STRUCTURE. PROVIDE A MINIMUM OF 24 LIGHT FIXTURES, 4 LIGHT SWITCHES AND MOTION SENSORS, AND 10 GFCI DUPLEX RECEPTACLES.
- 3 PROVIDE LIGHTING, LIGHT SWITCHES, MOTION SENSORS, AND GFCI DUPLEX RECEPTACLES WITHIN STRUCTURE. PROVIDE A MINIMUM OF 20 LIGHT FIXTURES, 6 LIGHT SWITCHES AND MOTION SENSORS, AND 10 GFCI DUPLEX RECEPTACLES.
- 4 PROVIDE POWER TO 169 ELECTRIC VEHICLE CHARGING STATIONS (EVCS) ON SITE. EXACT QUANTITY OF EVCS PER "AREA" TO BE DETERMINED.



① **SITE PLAN**
1" = 100'-0"



PRELIMINARY LIGHTING AND ELECTRICAL PLANS

BSE ENGINEERING, INC.
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SAN DIEGO, CA 92131
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FAX: 858.800.6001
BSE PROJECT NO. 21-0017-1016

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

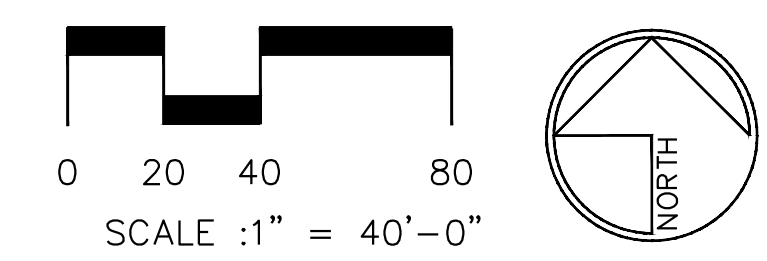
LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 **SUPPLEMENTAL SHEET NO.: 14 OF 24**

KEYNOTES:

- 1 SPECIALTY SPORTS LIGHTING
- 2 EXISTING TENNIS COURT LIGHTS TO REMAIN.



ENLARGED LIGHTING SITE PLAN - AREA 1
 ① 1" = 40'-0"



PRELIMINARY LIGHTING AND ELECTRICAL PLANS

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CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

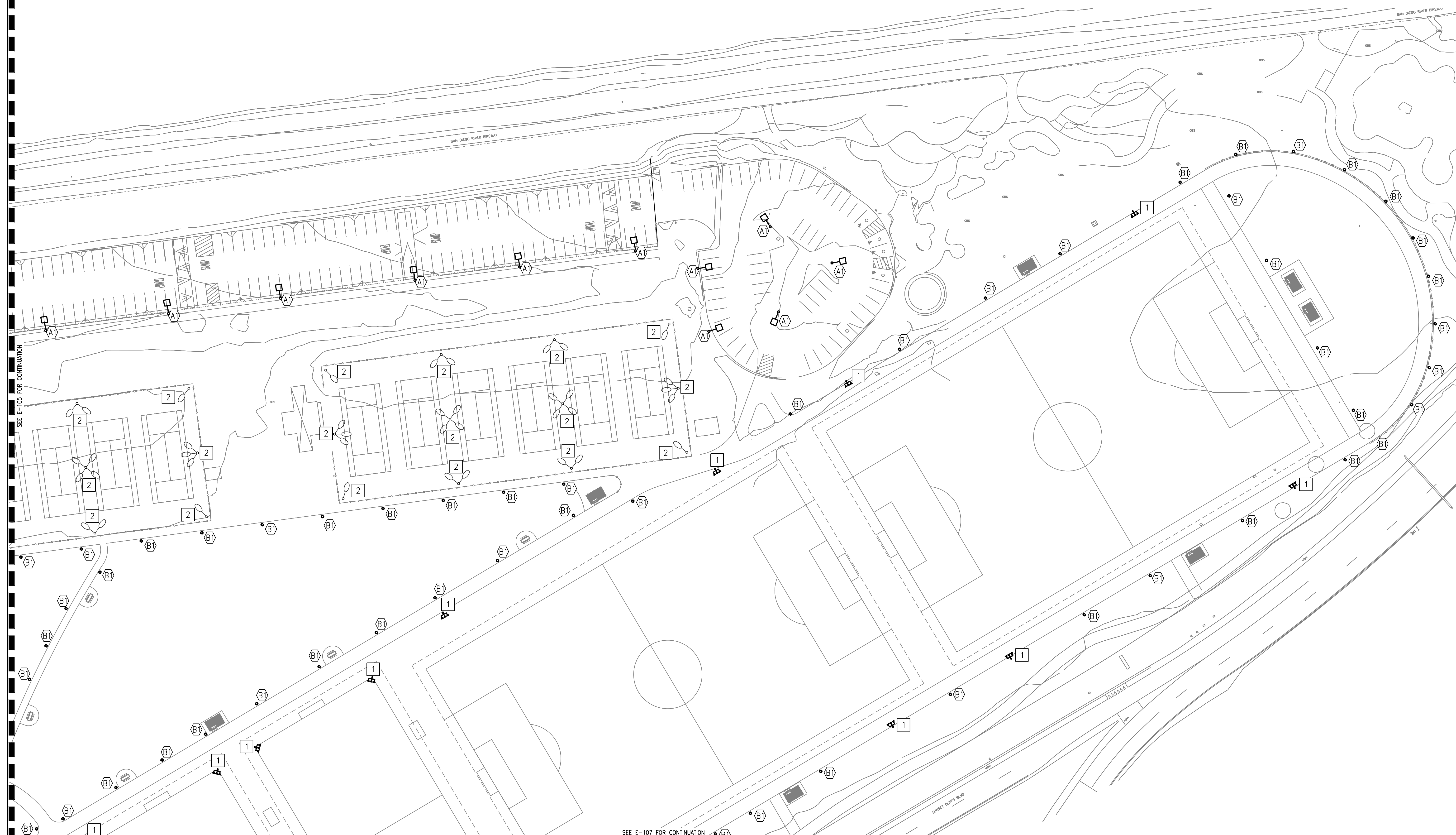
COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

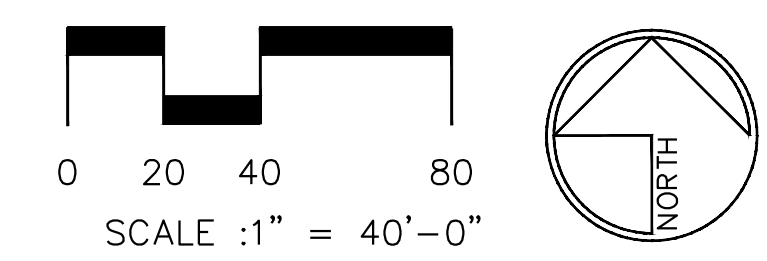
LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 **SUPPLEMENTAL SHEET NO.: 15 OF 24**

KEYNOTES:

- 1 SPECIALTY SPORTS LIGHTING
- 2 EXISTING TENNIS COURT LIGHTS TO REMAIN.



ENLARGED LIGHTING SITE PLAN - AREA 2
 ① 1" = 40'-0"



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CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

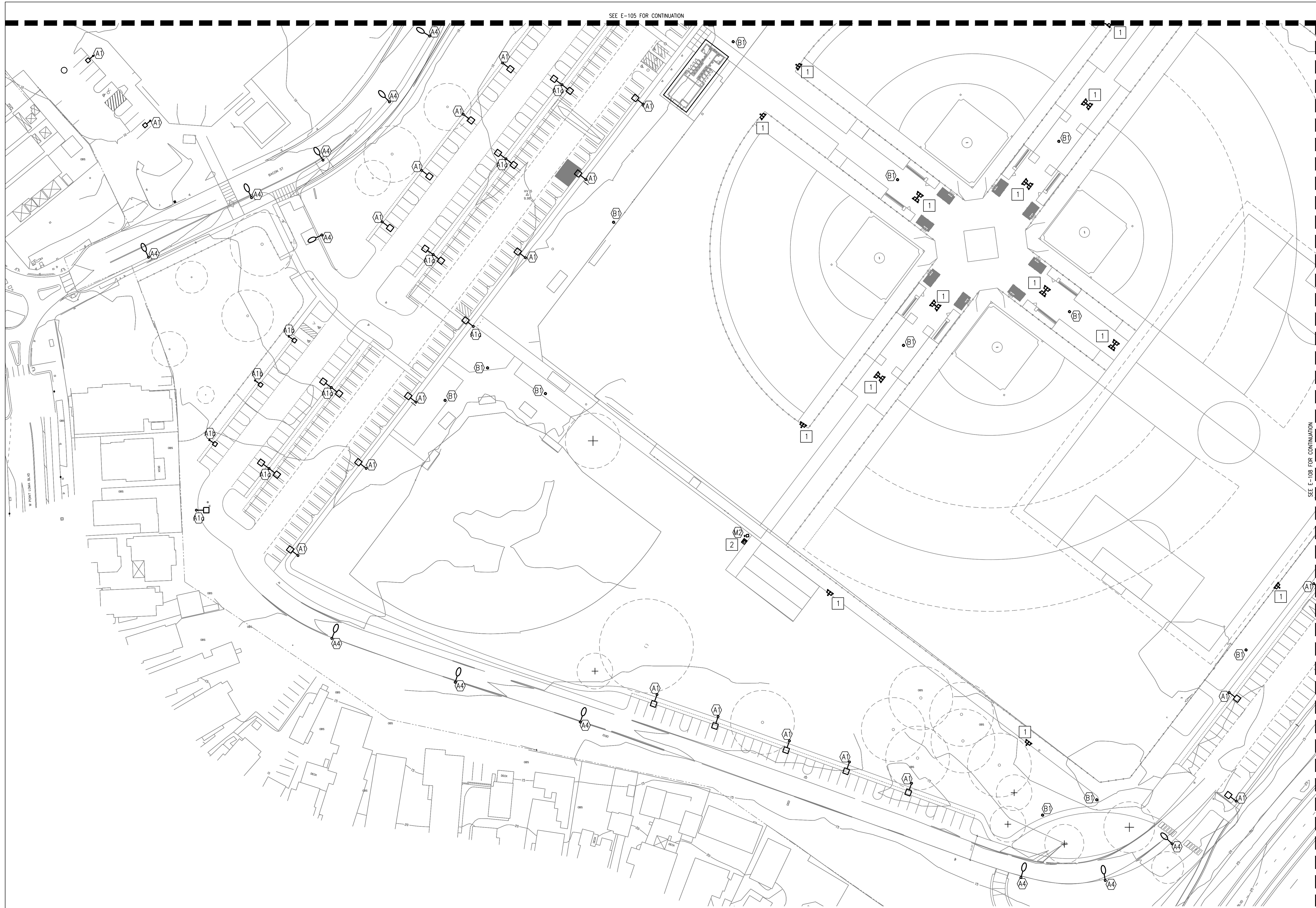
COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 SUPPLEMENTAL SHEET NO.: 16 OF 24

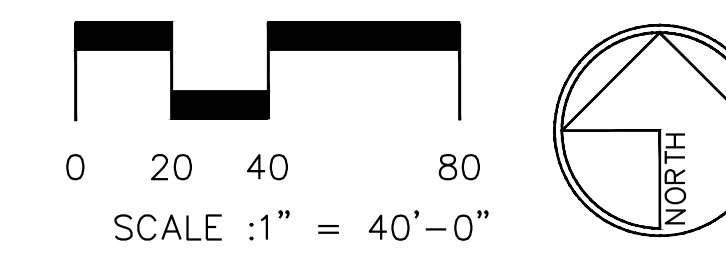
SEE E-105 FOR CONTINUATION

KEYNOTES:

- 1 SPECIALTY SPORTS LIGHTING
- 2 PROVIDE POWER FOR BATTING CAGE.



① ENLARGED LIGHTING SITE PLAN - AREA 3
 1" = 40'-0"



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 FAX: 658.800.6001

BSE PROJECT NO. 21-0017-1016

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

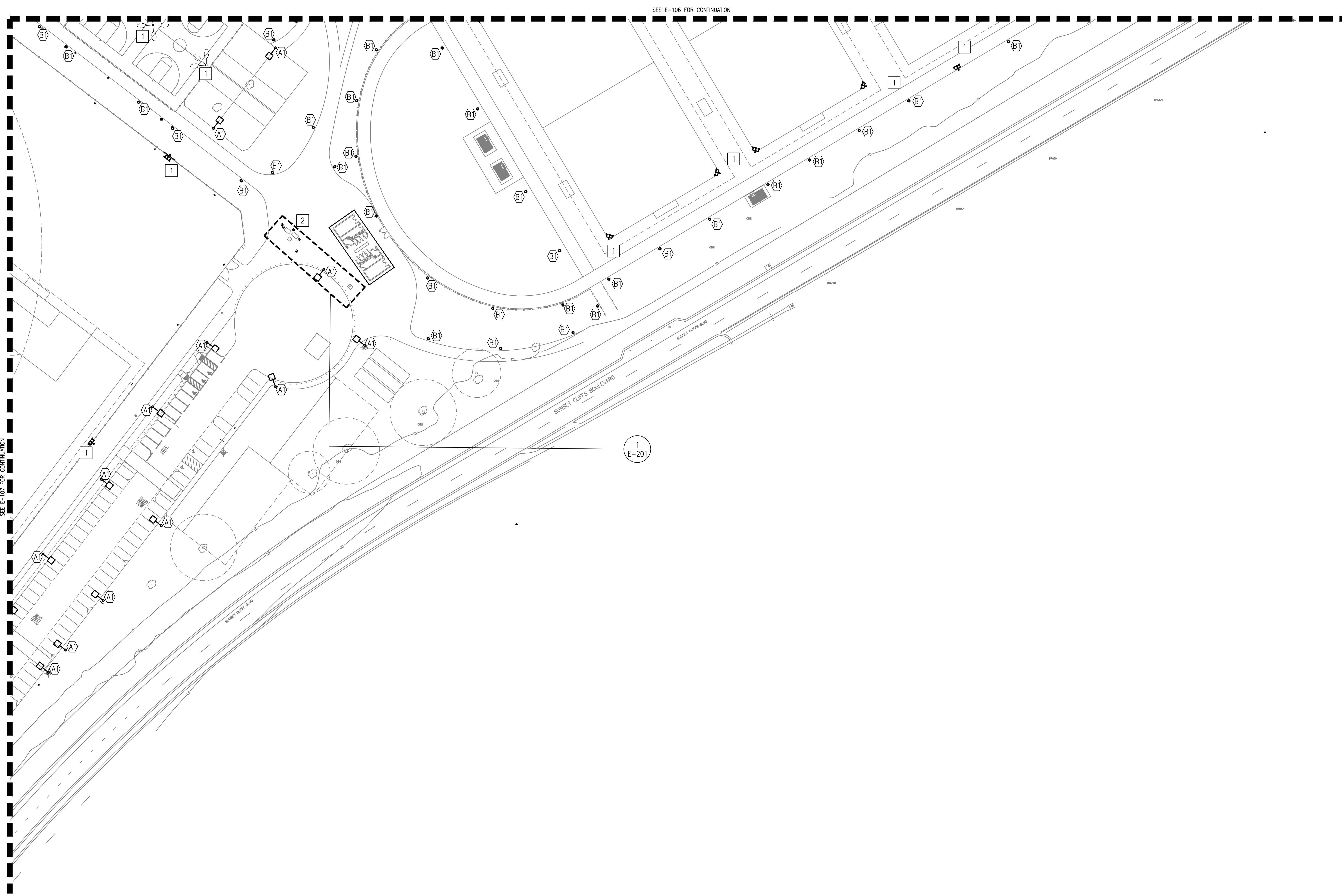
THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

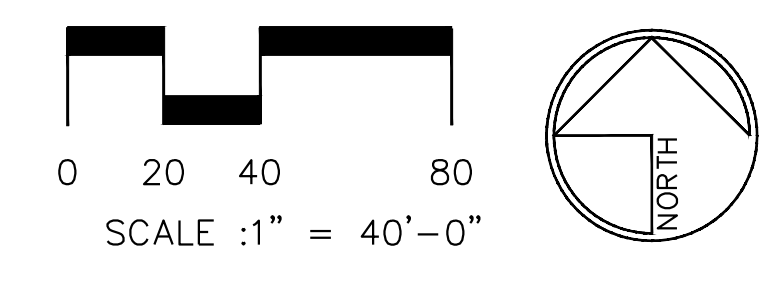
LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 SUPPLEMENTAL SHEET NO.: 17 OF 24



- KEYNOTES:**
- 1 SPECIALTY SPORTS LIGHTING
 - 2 EXISTING ELECTRICAL YARD, SEE SHEET E-201 FOR ADDITIONAL INFORMATION.

1 ENLARGED LIGHTING SITE PLAN - AREA 4

1" = 40'-0"



BSE ENGINEERING, INC.
 9903 BUSINESSPARK AVE, SUITE #104
 SAN DIEGO, CA 92131
 TEL.: 619.590.6000
 FAX: 619.590.6001
 BSE PROJECT NO. 21-0017-1016

PRELIMINARY LIGHTING AND ELECTRICAL PLANS

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

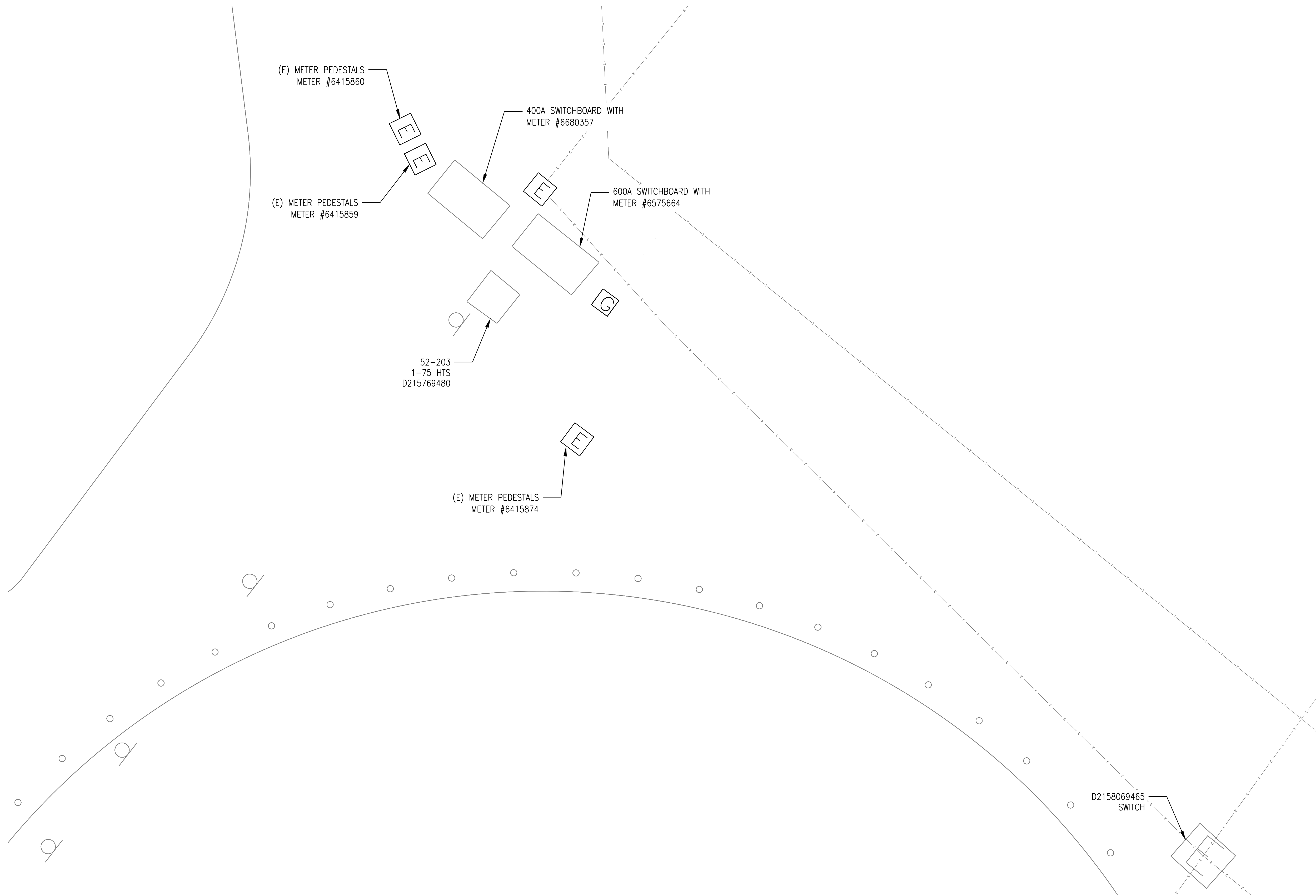
THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

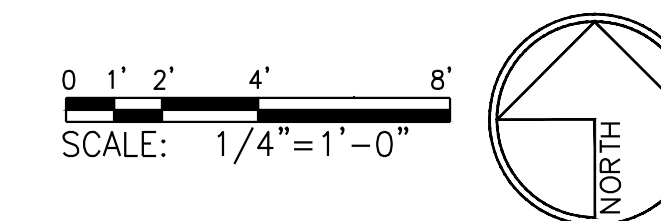
COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

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1 ENLARGED SITE PLAN - SWITCHBOARD
1/4" = 1'-0"



PRELIMINARY LIGHTING AND ELECTRICAL PLANS

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FAX: 658.800.6001

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CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

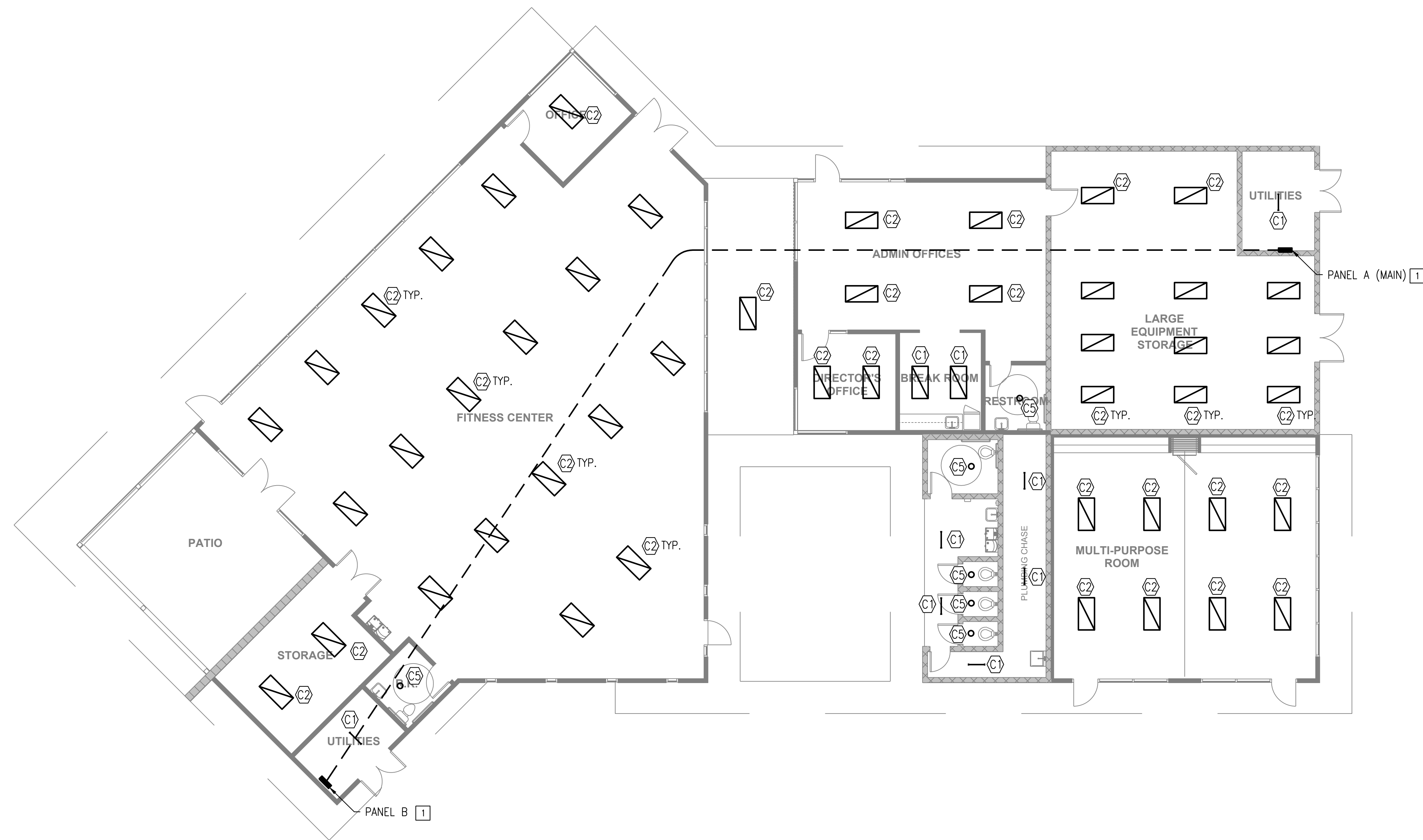
THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

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GENERAL NOTES:

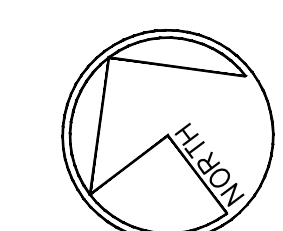
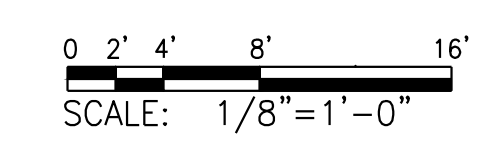
1. PROVIDE ALL NEW LIGHTING, LIGHTING CONTROLS, ELECTRICAL DEVICES AND PANELS WITHIN/EXTERIOR MOUNTED TO BUILDING.

KEY NOTES:

1. PROVIDE (1) NEW 208/120V, 200A, 3PH, 4W ELECTRICAL PANELBOARD WITH 100A/3P BREAKER TO SUB-FEED PANEL B.
2. PROVIDE (1) NEW 208/120V, 100A, 3PH, 4W ELECTRICAL PANELBOARD SUB-FED FROM PANEL A.

1 ELECTRICAL FLOOR PLAN - RECREATION CENTER - NEW

1/8" = 1'-0"



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CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

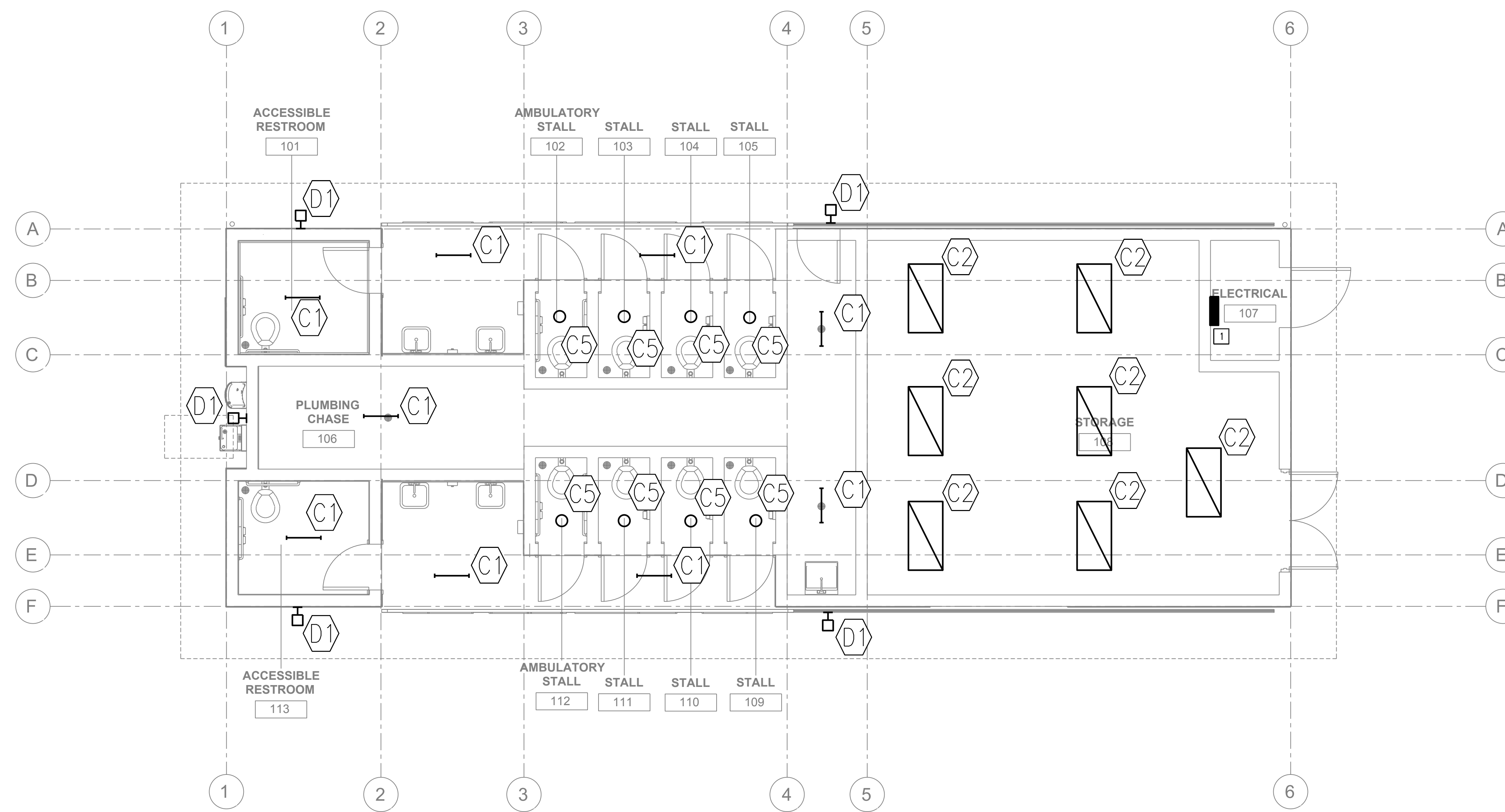
THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

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GENERAL NOTES:

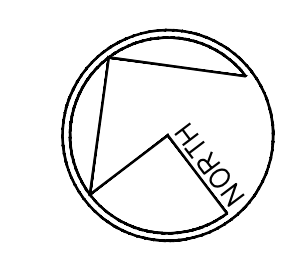
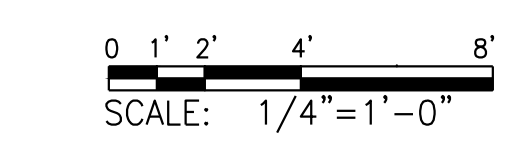
1. -

KEY NOTES:

1 PROVIDE NEW SINGLE POINT ELECTRICAL CONNECTION TO NEW COMFORT STATION PANEL (100A).

ELECTRICAL FLOOR PLAN - PHASE 1 - COMFORT STATION

1/4" = 1'-0"



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THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

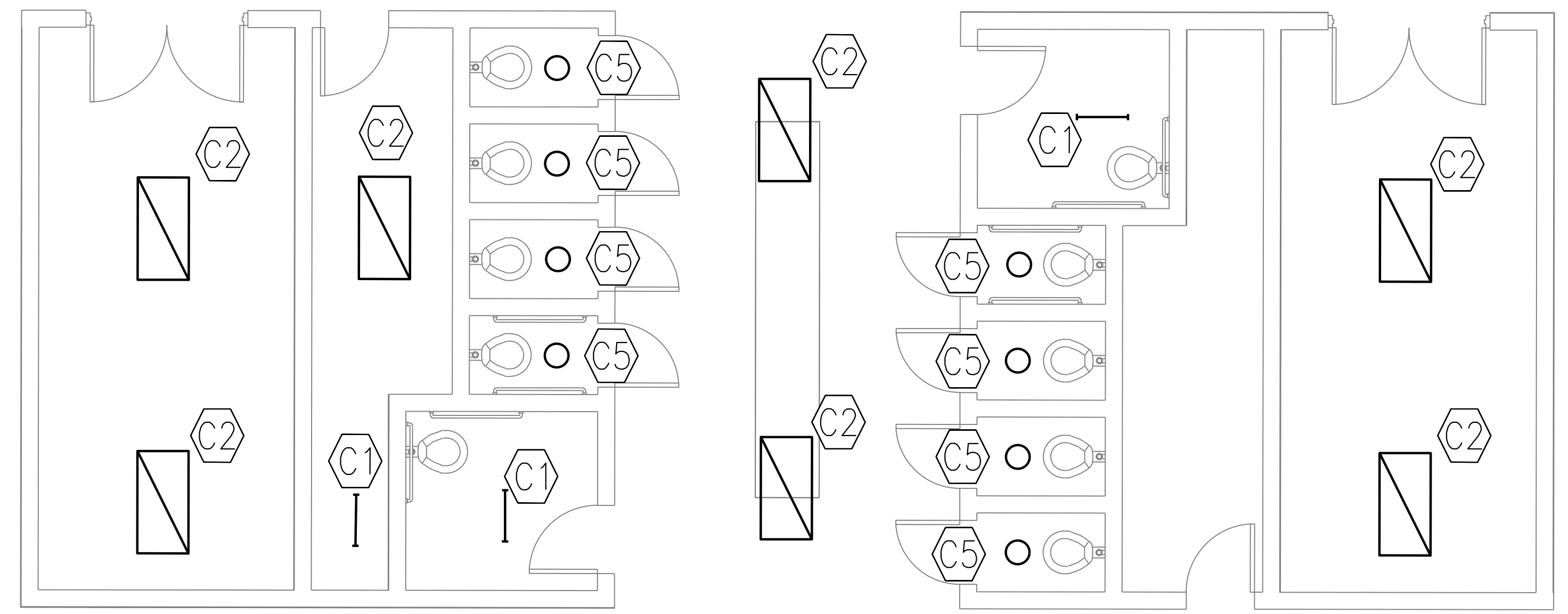
LAMBERT COORDINATES: 215-1695 THOMAS BROTHERS PAGE: PG. 59-B3 SUPPLEMENTAL SHEET NO.: 21 OF 24

GENERAL NOTES:

1. -

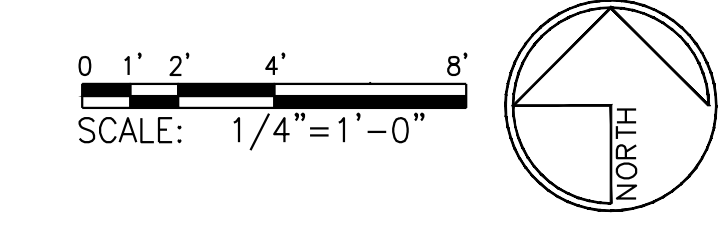
KEY NOTES:

1. -



1 ELECTRICAL FLOOR PLAN - PHASE 2 - COMFORT STATION

1/4" = 1'-0"



PRELIMINARY LIGHTING AND ELECTRICAL PLANS

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THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

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EXISTING RECREATION CENTER ELECTRICAL CLOSET

SCALE
NONE

1



EXISTING PANEL HP1

SCALE
NONE

2



EXISTING PANEL HP1 LIGHTING CONTROLS

SCALE
NONE

3



EXISTING PANEL HP2

SCALE
NONE

4



EXISTING EXTERIOR UTILITY AND DISTRIBUTION EQUIPMENT

SCALE
NONE

5



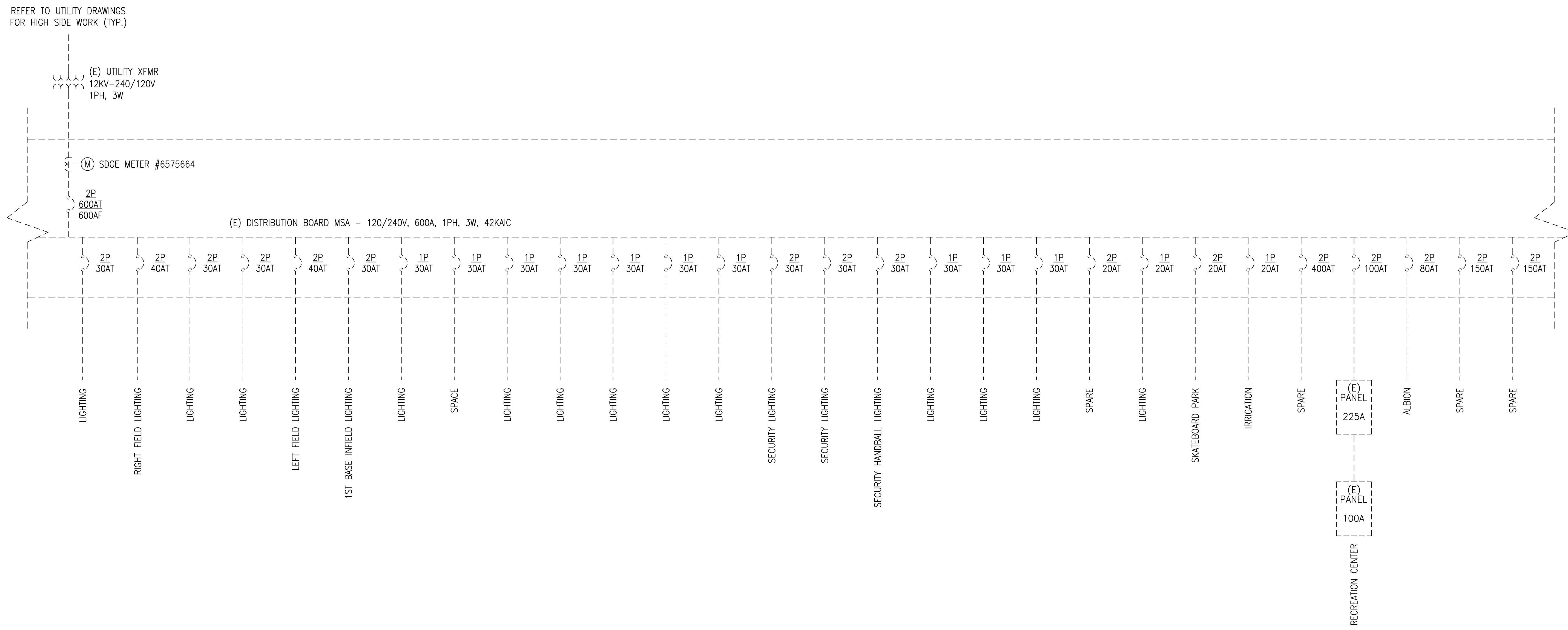
BACK OF EAST GEAR

SCALE
NONE

6

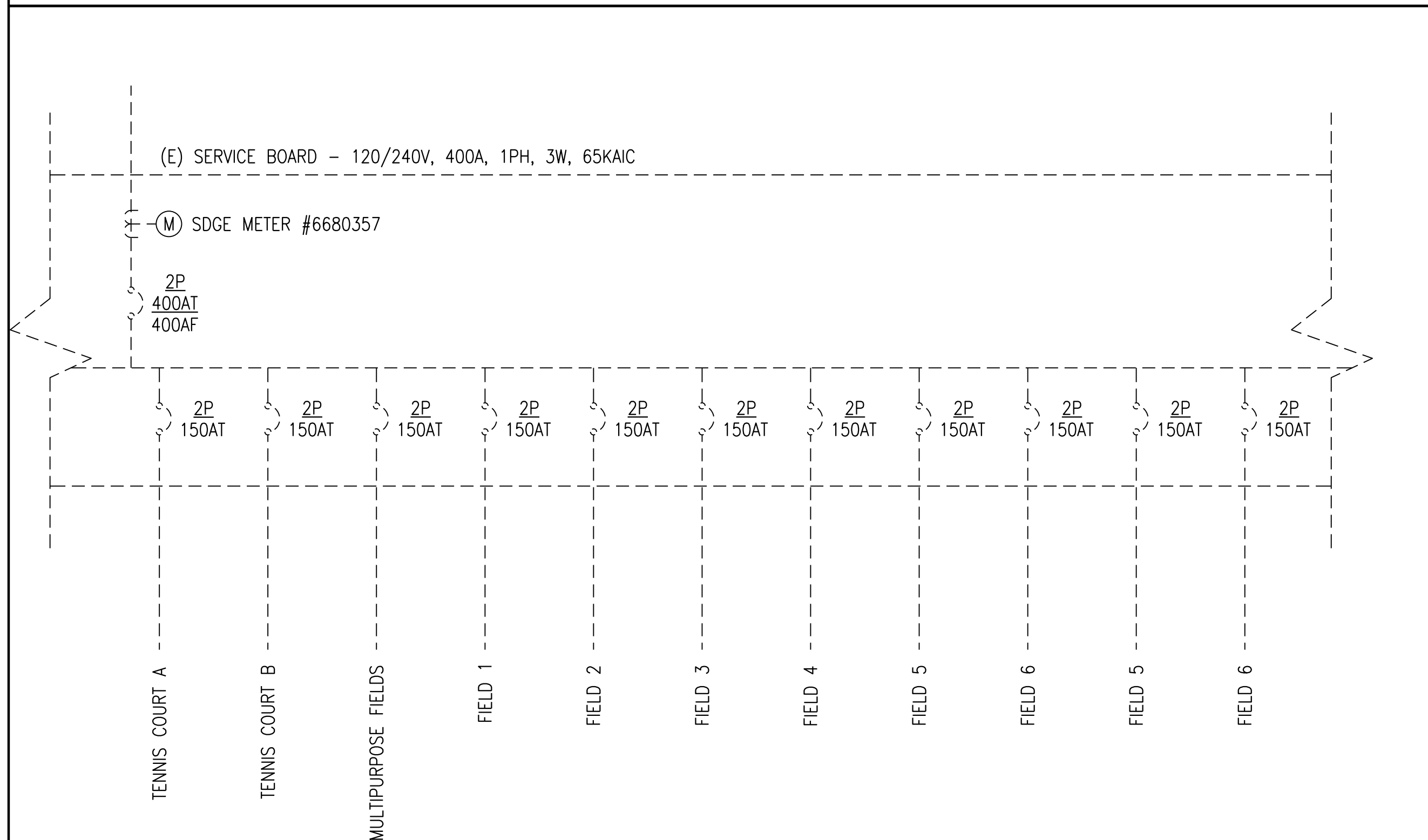
GENERAL NOTES:

1. ALL EXISTING ELECTRICAL EQUIPMENT AND METERS SHALL BE REMOVED AND REPLACED AS PART OF SCOPE OF WORK. UPGRADES TO EXISTING FEEDERS SHALL BE REQUIRED AS PART OF EQUIPMENT REPLACEMENT.



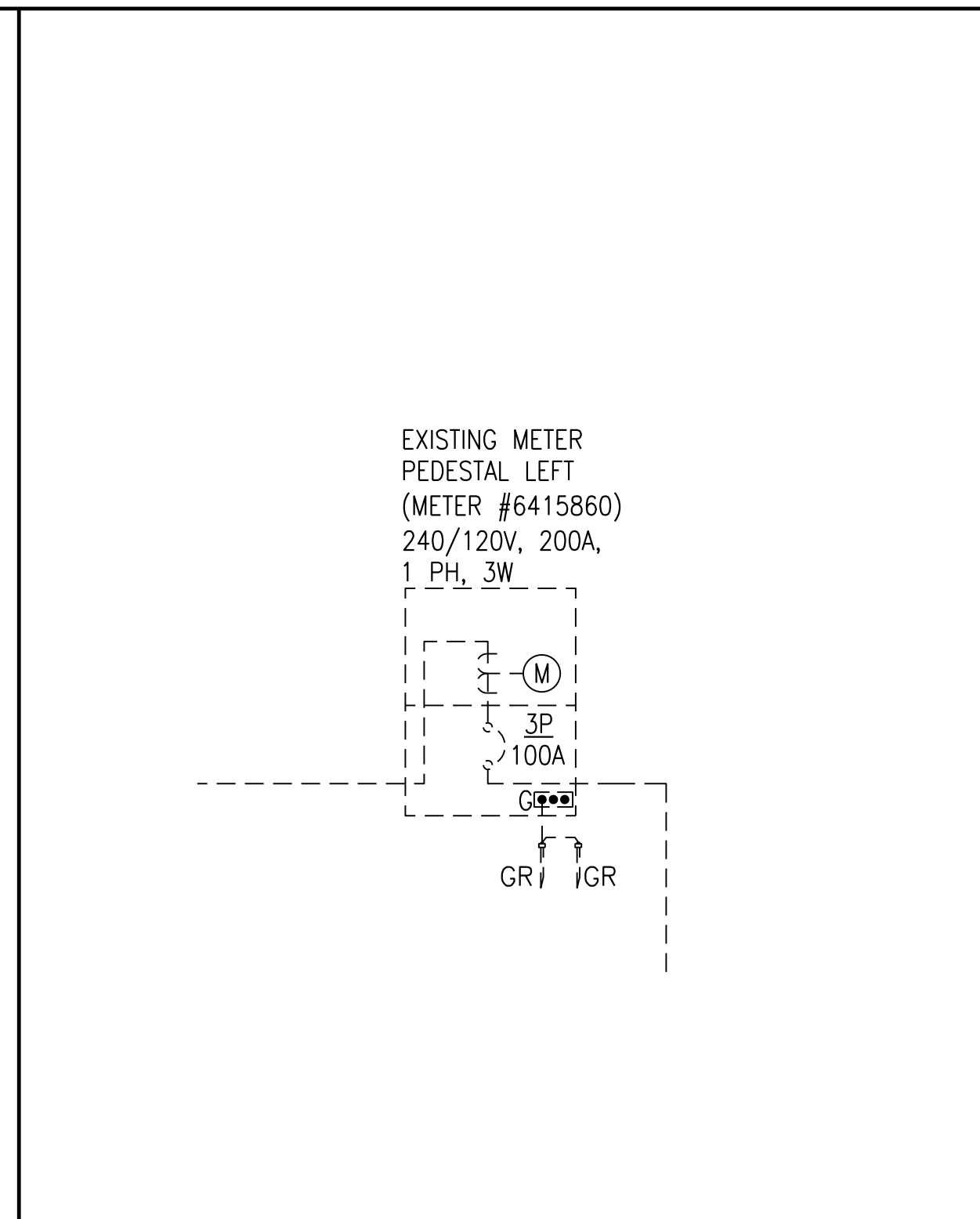
SINGLE LINE DIAGRAM

SCALE
NONE 1



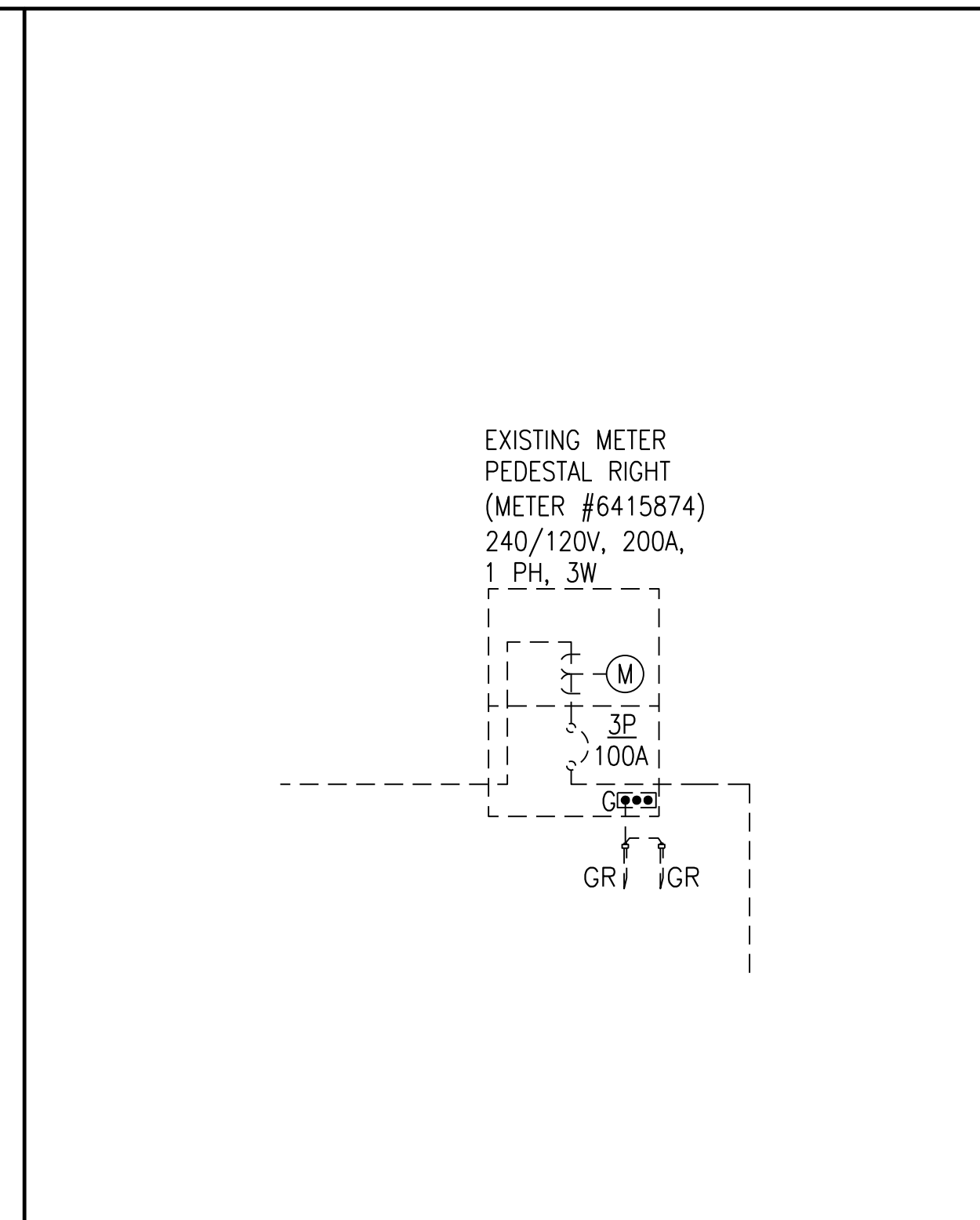
PARTIAL SINGLE LINE DIAGRAM

SCALE
NONE 2



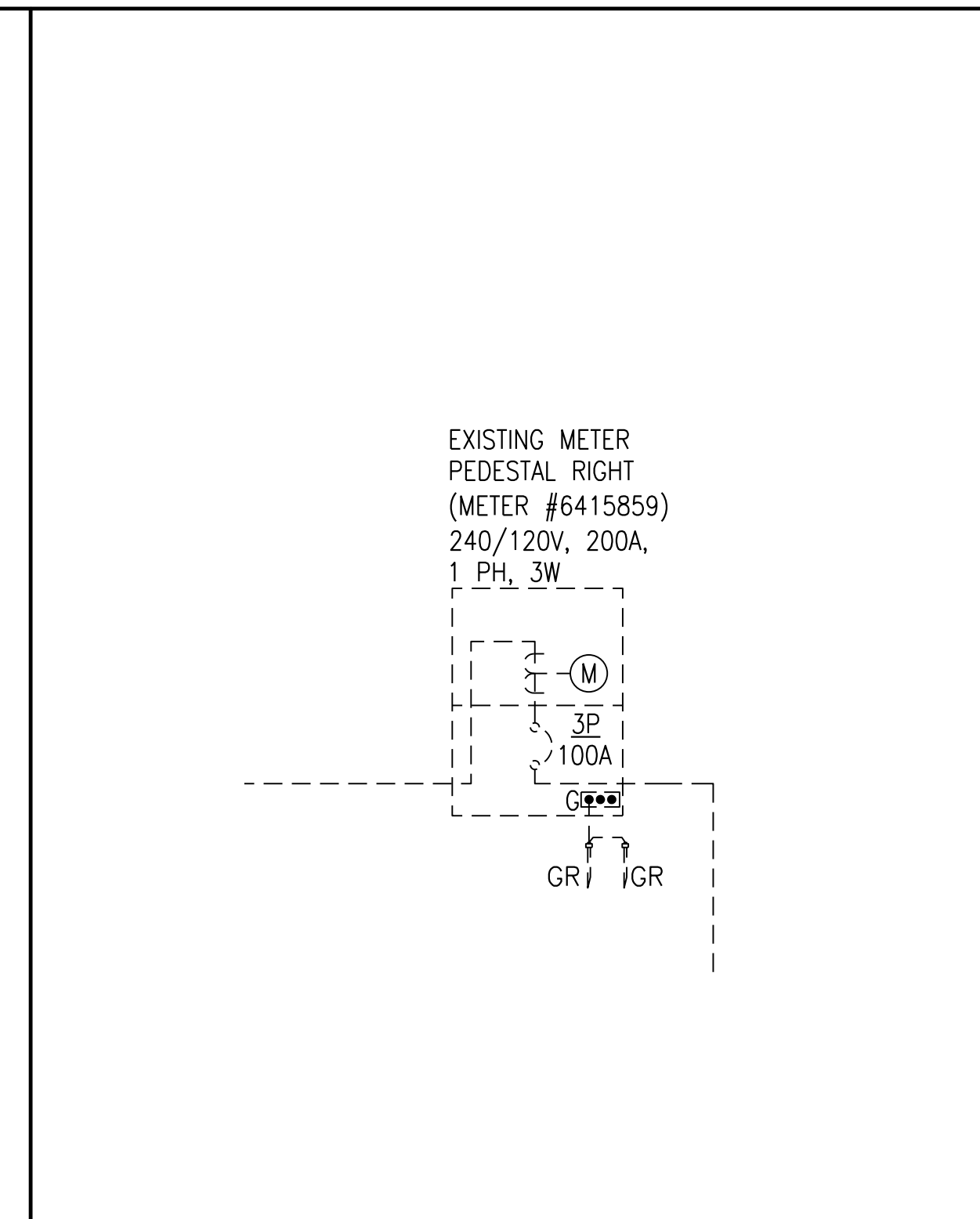
PARTIAL SINGLE LINE DIAGRAM

SCALE
NONE 3



PARTIAL SINGLE LINE DIAGRAM

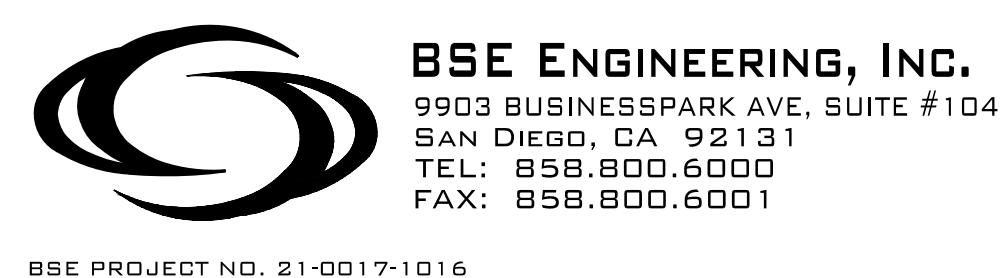
SCALE
NONE 4



PARTIAL SINGLE LINE DIAGRAM

SCALE
NONE 5

PRELIMINARY LIGHTING AND ELECTRICAL PLANS



BSE PROJECT NO. 21-0017-1016

CITY OF SAN DIEGO PARK AND RECREATION DEPARTMENT

THE GENERAL DEVELOPMENT PLAN

ROBB FIELD

COMMUNITY PARK

COUNCIL DISTRICT NO. 2 COMM. PLAN AREA: MISSION PARK PSD

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