

# COUNTY OF ALAMEDA JUVENILE JUSTICE CENTER - EXERCISE EQUIPMENT

2500 FAIRMONT DR, SAN LEANDRO, CA 94578

PERMIT

9/14/2023

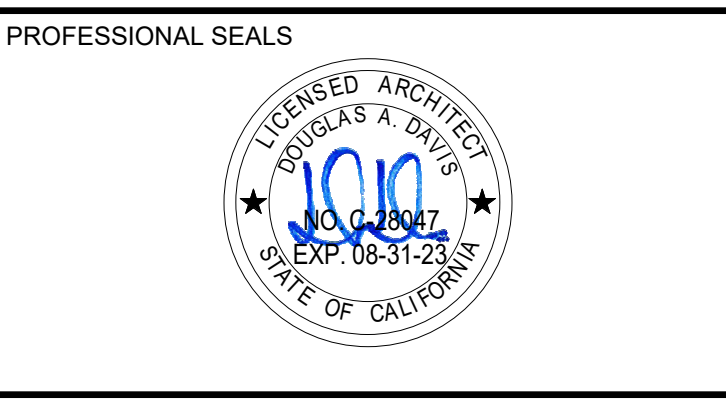


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NO.	ISSUE/REVISION	YYYY-MM-DD
1	PERMIT	9/14/2023

KEY PLAN  
  
TRUE



PROJECT  
COUNTY OF ALAMEDA  
JUSTICE CENTER EXERCISE EQUIPMENT

PROJECT ADDRESS  
2500 FAIRMONT DR C3013  
SAN LEANDRO, CA 94578

SHEET TITLE  
COVER SHEET

DRAWN BY BD, MW	REVIEWED BY AMS	SHEET NUMBER
PROJECT NUMBER 2023016	DATE 8/28/23	<b>G-001</b>

SHEET INDEX

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A-101	SITE PLAN
A-201	ENLARGED SITE PLAN
A-835	PLAN DETAILS
ARCHITECTURAL: 3	
TOTAL: 11	

PROJECT TEAM

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PROJECT DESCRIPTION

PROJECT NAME: JUVENILE JUSTICE EXTERIOR PLAY EQUIPMENT INSTALLATION  
 PROJECT ADDRESS: 2500 FAIRMONT DR C3013, SAN LEANDRO, CA 94578  
 OWNER: COUNTY OF ALAMEDA  
 SCOPE OF WORK: DESIGN AND INSTALLATION OF NEW EXTERIOR EXERCISE EQUIPMENT AT THE JUVENILE JUSTICE CENTER.  
 GOVERNING AUTHORITY: DIVISION OF THE STATE ARCHITECT



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PROJECT ALTERNATES

NONE.

PROJECT CODES

ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION. SEE PROJECT CODES G-006.  
 2022 CALIFORNIA BUILDING CODE  
 2022 CALIFORNIA ELECTRICAL CODE  
 2022 CALIFORNIA MECHANICAL CODE  
 2022 CALIFORNIA PLUMBING CODE  
 2022 CALIFORNIA ENERGY CODE  
 2022 CALIFORNIA FIRE CODE  
 2022 CALIFORNIA GREEN BUILDING CODE  
 2010 ADA STANDARDS

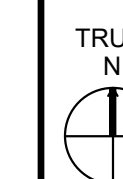
PROJECT SCOPE

THE PROJECT SCOPE INCLUDES ALAMEDA INSTALLATION OF NEW EXTERIOR EQUIPMENT FOR JUVENILE JUSTICE CENTER.  
 THE NEW CONSTRUCTION INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS:  
 INSTALLATION OF SEVEN (7) PIECES OF PLAY EQUIPMENT WITH FOUNDATIONS AND RUBBERIZED PLAY MAT OVER ROUGHLY 4,000 SF

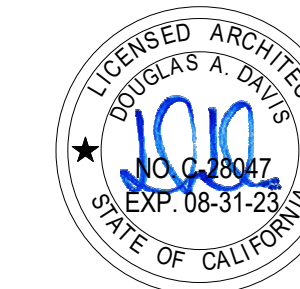
DEFERRED SUBMITTALS

NONE.

KEY PLAN



PROFESSIONAL SEALS



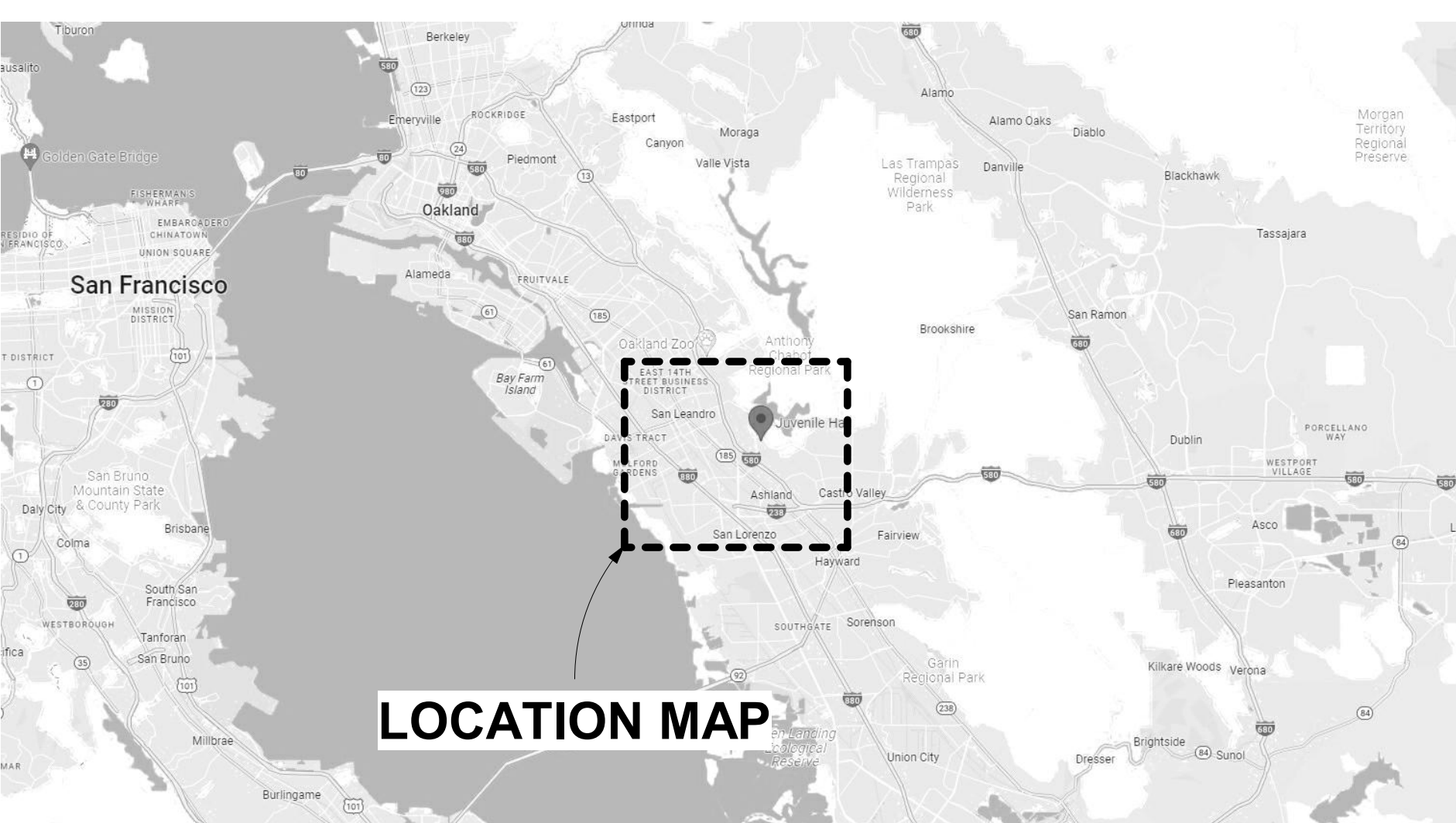
PROJECT  
 COUNTY OF ALAMEDA  
 JUSTICE CENTER EXERCISE EQUIPMENT

PROJECT ADDRESS  
 2500 FAIRMONT D C3013  
 SAN LEANDRO, CA 94578

SHEET TITLE  
 PROJECT INFORMATION & SHEET INDEX

DRAWN BY BD, MW	REVIEWED BY AMS	SHEET NUMBER G-002
PROJECT NUMBER 2023016		
DATE 8/28/23		

VICINITY MAP

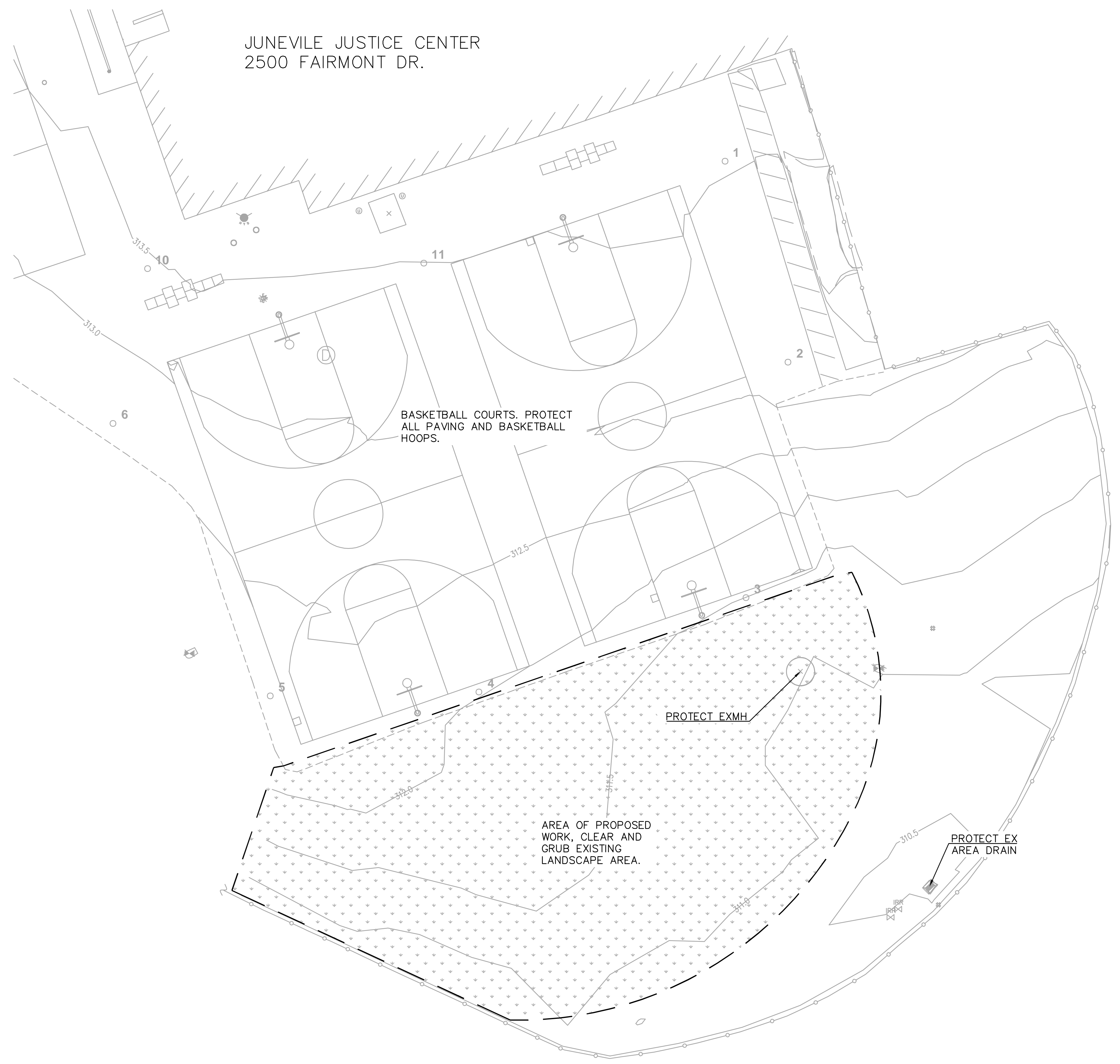


LOCATION MAP





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**DEMOLITION LEGEND**

--- LIMIT OF WORK  
 CLEAR AND GRUB

**EXISTING CONDITIONS LEGEND**

- AREA DRAIN
- STORM DRAIN MANHOLE
- ELECTRIC BOX
- IRRIGATION VALVE
- IRRIGATION BOX
- SPOT LIGHT
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER VALVE
- SURVEY CONTROL FOUND
- SURVEY CONTROL SET
- RIGHT OF WAY
- - - CENTER LINE
- MONUMENT LINE
- - - EDGE ASPHALT
- - - CHAIN-LINK FENCE
- 300 CONTOURS

**ABBREVIATIONS**

- D DRAIN
- DI DRAIN LET/ AREA DRAIN
- SS SANITARY SEWER
- E EAST OR ELECTRIC
- INV INVERT (GRADE ELEVATION)
- MH MANHOLE
- N NORTH
- S SLOPE OR SOUTH
- SD STORM DRAIN
- W WATER, WEST OR WIDTH
- = EQUALS
- " INCH OR ANGULAR SECONDS

**NOTES:**

- COORDINATES ARE ASSUMED, BUT ARE BASED ON THE NETWORK RTK OBSERVATIONS USING SMART-NET ON JULY 6, 2023.
- ALL UTILITY BOXES AND MANHOLES COVES WERE BOLTED DOWN AND WERE INACCESSIBLE AT THE TIME OF THIS SURVEY.

**BENCH MARK:**

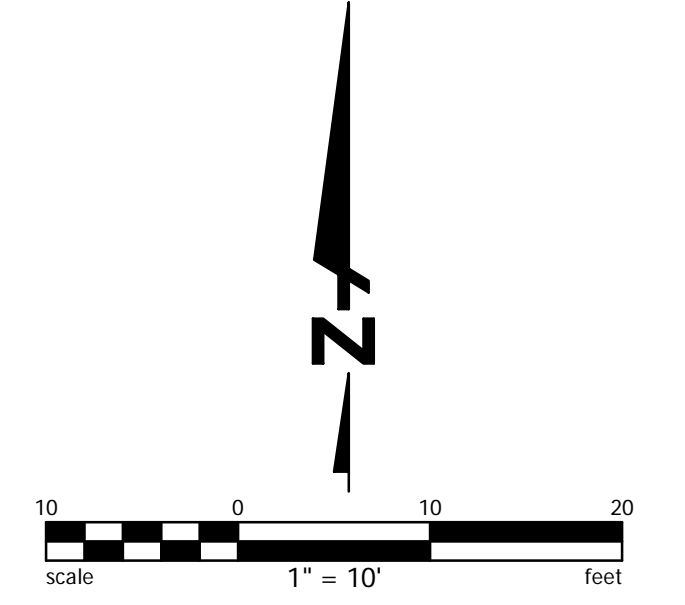
FOUND COUNTY MONUMENT WELL A BRASS DISC A NIPPLE ALONG FAIRMONT DRIVE POINT #24 ELEVATION TAKEN AS 288.47' FROM GPS RTK OBSERVATION. NAVD 88

**BASIS OF BEARING:**

BASIS OF BEARING IS THE LINE BETWEEN FOUND STREET MONUMENTS POINT 22 AND POINT 23, ALONG FAIRMONT DRIVE TAKEN AS N19°26'25"W.

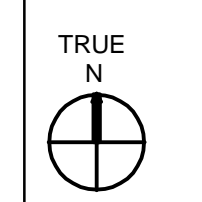
**REFERENCE MAPS:**

RECORD OF SURVEY 2541, BOOK 39 PG 21



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KEY PLAN



PROFESSIONAL SEALS

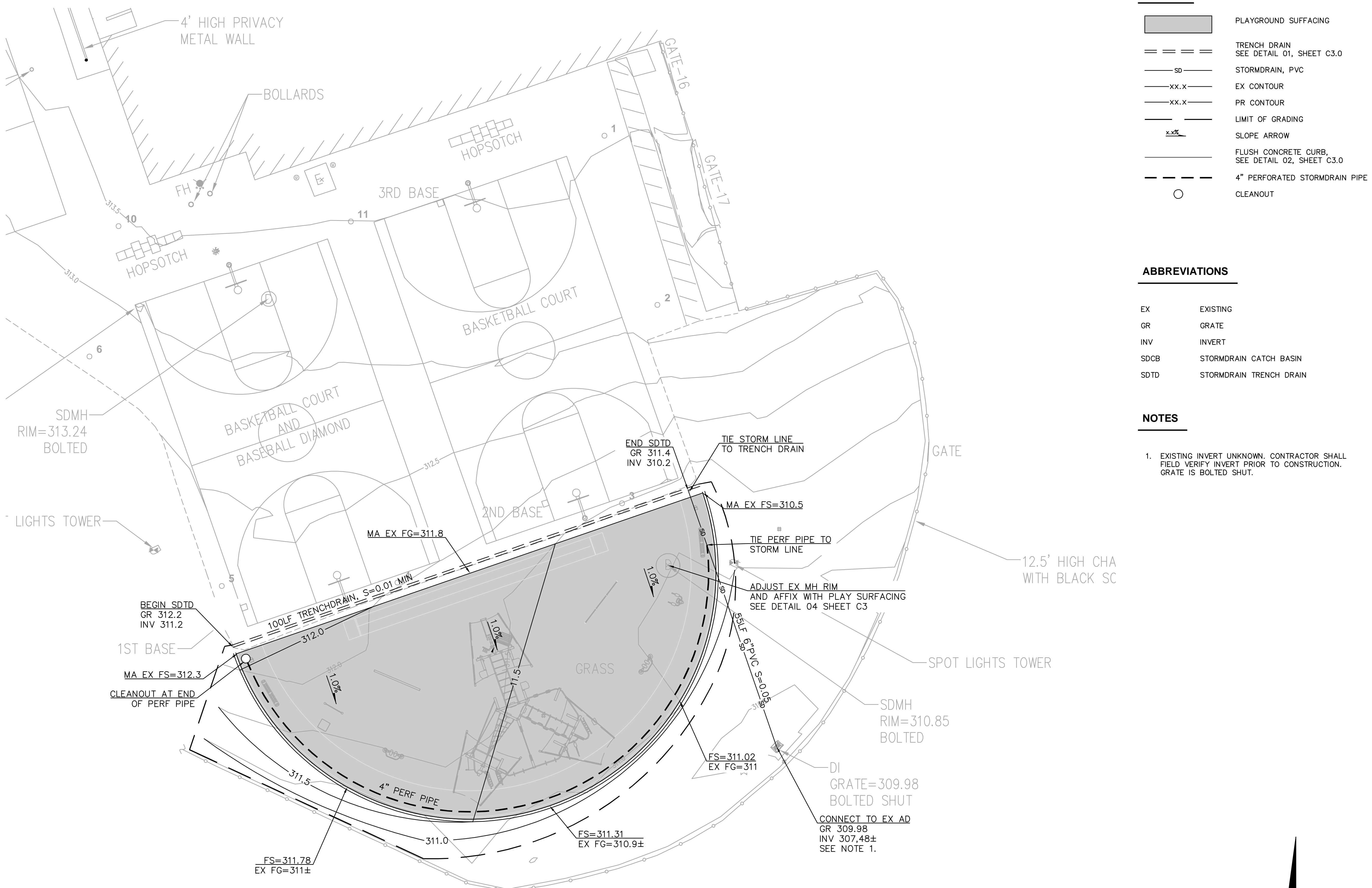


PROJECT  
 COUNTY OF ALAMEDA  
 JUSTICE CENTER EXERCISE EQUIPMENT

PROJECT ADDRESS

SHEET TITLE  
 EXISTING CONDITIONS AND  
 DEMOLITION PLAN

DRAWN BY	REVIEWED BY	SHEET NUMBER
PROJECT NUMBER	C1	
DATE		

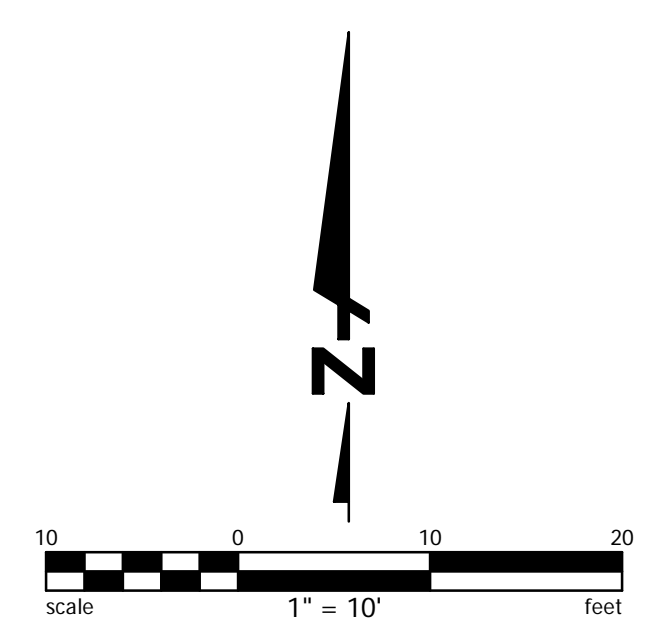


- #### LEGEND
- PLAYGROUND SURFACING
  - TRENCH DRAIN  
SEE DETAIL 01, SHEET C3.0
  - SD STORMDRAIN, PVC
  - EX CONTOUR
  - PR CONTOUR
  - LIMIT OF GRADING
  - SLOPE ARROW
  - FLUSH CONCRETE CURB,  
SEE DETAIL 02, SHEET C3.0
  - 4" PERFORATED STORMDRAIN PIPE  
CLEANOUT

- #### ABBREVIATIONS
- |      |                         |
|------|-------------------------|
| EX   | EXISTING                |
| GR   | GRATE                   |
| INV  | INVERT                  |
| SDCB | STORMDRAIN CATCH BASIN  |
| SDTD | STORMDRAIN TRENCH DRAIN |

#### NOTES

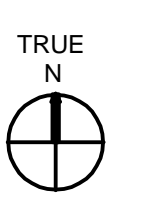
1. EXISTING INVERT UNKNOWN, CONTRACTOR SHALL FIELD VERIFY INVERT PRIOR TO CONSTRUCTION. GRATE IS BOLTED SHUT.



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KEY PLAN



PROFESSIONAL SEALS



PROJECT  
COUNTY OF ALAMEDA  
JUSTICE CENTER EXERCISE EQUIPMENT

PROJECT ADDRESS

SHEET TITLE  
GRADING AND DRAINAGE PLAN

DRAWN BY	REVIEWED BY	<b>C2</b>
PROJECT NUMBER		
DATE		
SHEET NUMBER		



### GENERAL NOTES

**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:**

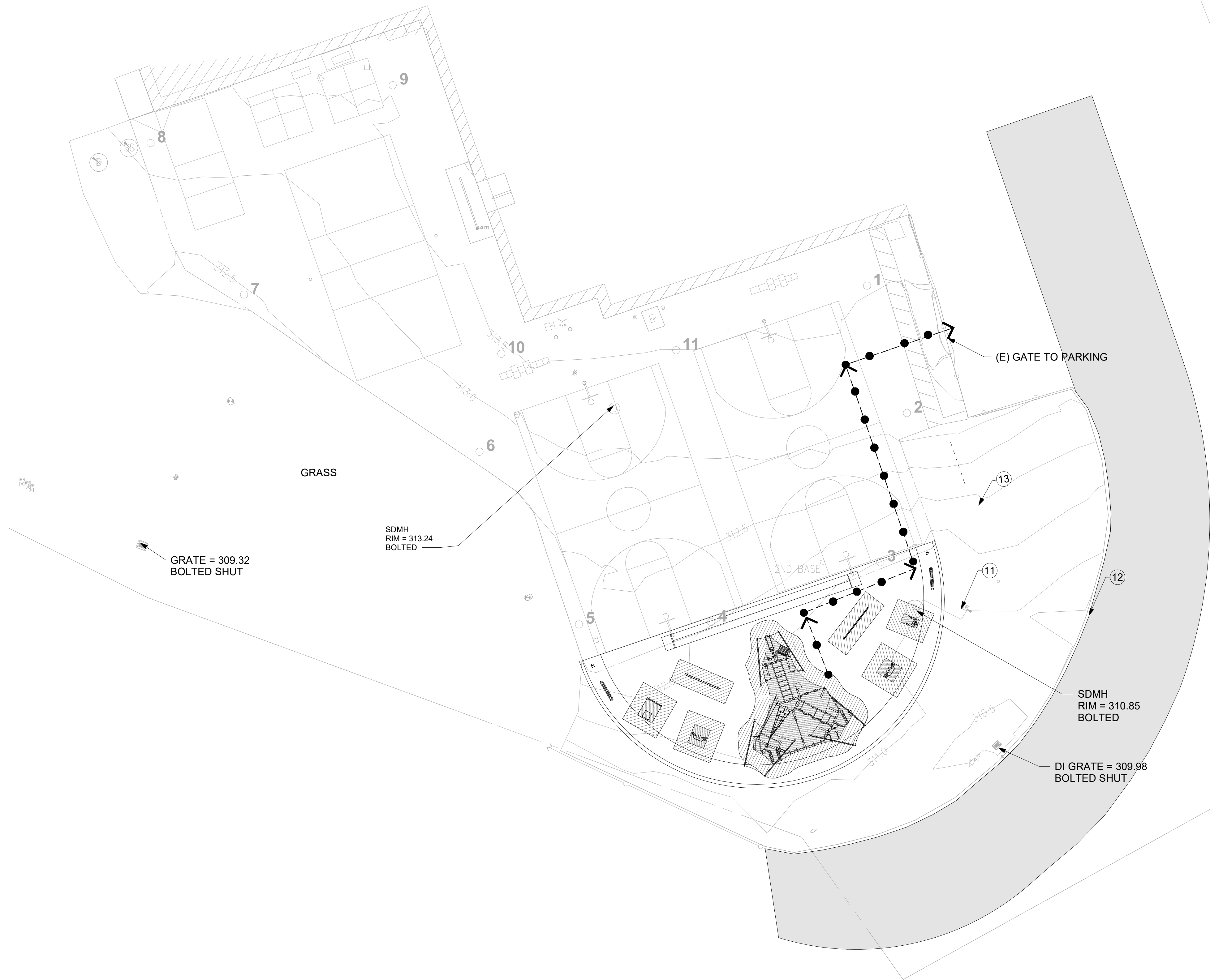
THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS. ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND CORRECTIVE WORK IS NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

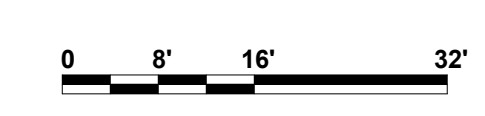
**NOTE:**  
 A. ACCESSIBLE PATH OF TRAVEL AS INDICATED IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES NOT EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX., AND AT LEAST 48" IN WIDTH.  
 B. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.  
 C. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED.  
 D. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN., AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80".

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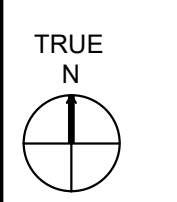
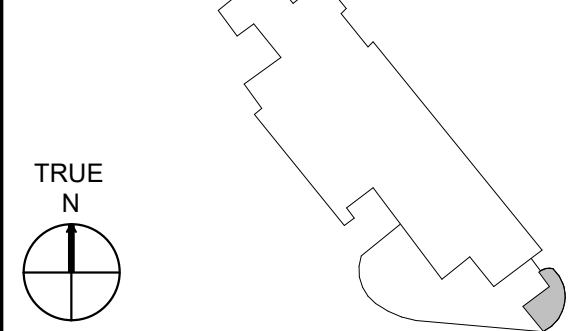
**1** SITE PLAN Copy 2  
 1/16" = 1'-0"



### LEGEND

- PEDESTRIAN POT (PATH OF TRAVEL)
- BUILDING A AND B
- EXIT PATH (MAX 2% SLOPE IN ALL DIRECTIONS)
- EMERGENCY VEHICULAR PATH (20' WIDE ACCESS LANE)
- VEHICULAR PATH OF TRAVEL

KEY PLAN



PROFESSIONAL SEAL



**PROJECT**  
 COUNTY OF ALEMEDA  
 JUSTICE CENTER EXERCISE EQUIPMENT

**PROJECT ADDRESS**  
 2500 FAIRMONT D C3013  
 SAN LEANDRO, CA 94578

**SHEET TITLE**  
 SITE PLAN - PATH OF TRAVEL

<b>DRAWN BY</b> BD, MW	<b>REVIEWED BY</b> AMS	<b>SHEET NUMBER</b> <b>A-001</b>
<b>PROJECT NUMBER</b> 2023016		
<b>DATE</b> 8/28/23		

B:\2023\191623016 - County of Alameda Justice Center Exercise Equipment - Path of Travel - 1/16" = 1'-0" - 8/28/23 - BD, MW  
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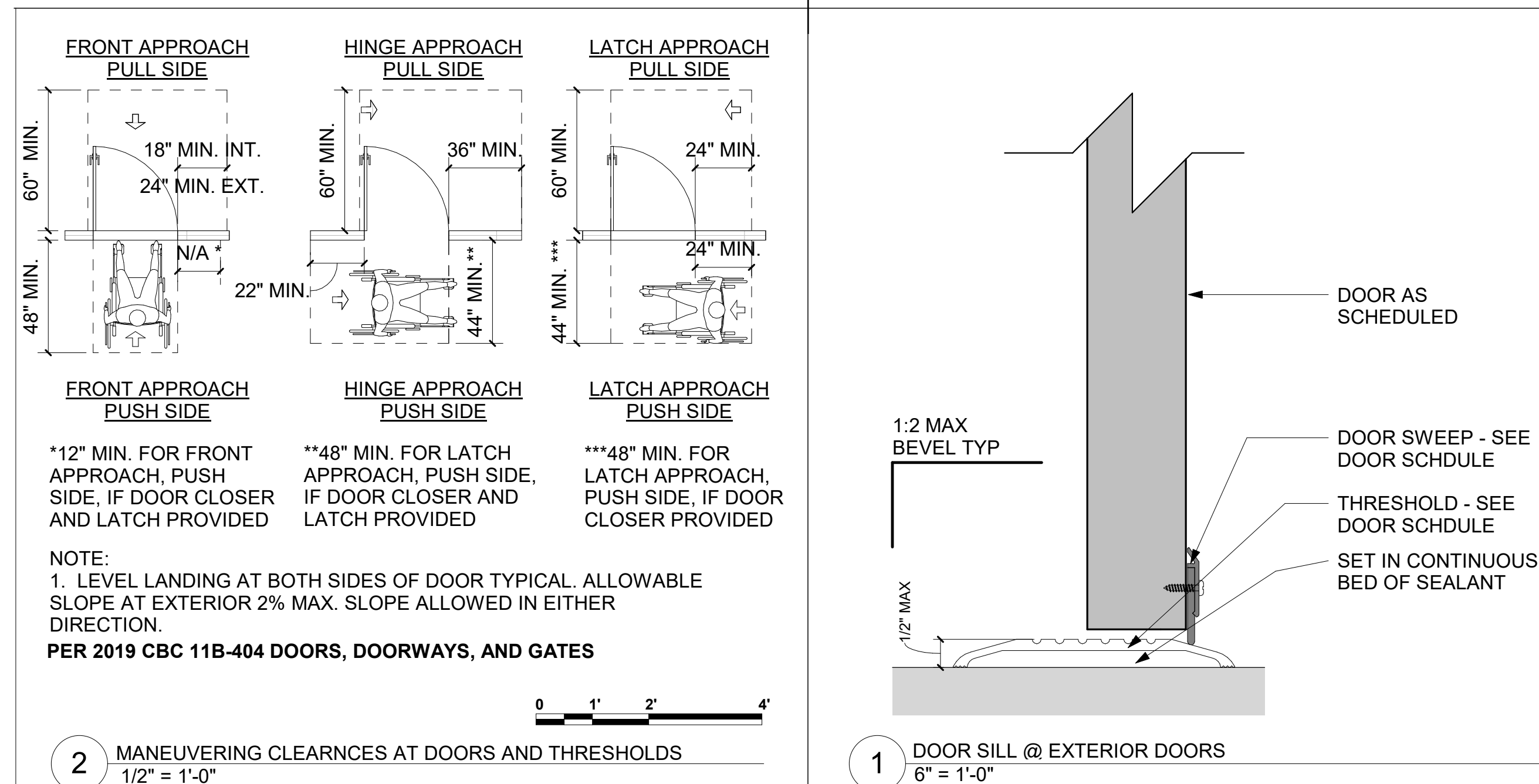
**GENERAL NOTES - ACCESSIBILITY**

- 1. ENTRANCES AND DOORWAYS**
- A. ALL NEW CONSTRUCTION MUST BE ACCESSIBLE. PRIMARY ENTRANCES TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES. SEE CBC SECTION 11B-216.6.
- B. ALL ENTRANCES IN NEW CONSTRUCTION MUST BE ACCESSIBLE. WHEN ALL ENTRANCES ARE ACCESSIBLE, ISAS ARE NOT REQUIRED. OTHERWISE ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE SIGN (INTERNATIONAL SYMBOL OF ACCESSIBILITY). WHEN ALL ENTRANCES ARE ACCESSIBLE, ISAS ARE NOT REQUIRED. DIRECTIONAL SIGNS, AS REQUIRED, SHALL BE PROVIDED FROM APPROACHING PEDESTRIAN ACCESSIBLE ROUTE TO PRIMARY ACCESSIBLE ENTRY. SEE CBC SECTIONS 11B-216.6 AND 11B-703.5.
- C. FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR OF ANY OBSTRUCTIONS. THE LEVEL AND CLEAR AREA SHALL BE A MINIMUM 60 INCHES IN THE DIRECTION OF THE DOOR SWING AND A MINIMUM 48 INCHES SQUARE OPPOSITE THE DIRECTION OF DOOR SWING. IF DOOR DOES NOT HAVE A CLOSER AND LATCH A MINIMUM 48 INCHES SHALL BE THE REQUIRED CLEAR AREA OPPOSITE THE DIRECTION OF DOOR SWING. THE CLEAR AREA SHALL BE MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION. SEE CBC SECTION 11B-404.2.4 AND TABLE 11B-404.2.4.1.
- D. THE WIDTH OF THE LEVEL AND CLEAR AREA ON THE SWING SIDE OF THE DOOR SHALL EXTEND THE FULL WIDTH OF THE DOOR PLUS 24 INCHES MINIMUM PAST THE LATCH SIDE OF THE FRAME FOR EXTERIOR DOORS, AND 18 INCHES MINIMUM PAST THE LATCH SIDE OF THE FRAME FOR INTERIOR DOORS. DOORS WITH OBSTRUCTIONS WITHIN 18 INCHES OF THE LATCH SIDE OF AN INTERIOR DOOR AND 24 INCHES OF AN EXTERIOR DOOR PROJECTS MORE THAN 8 INCHES SHALL PROVIDE MANEUVERING CLEARANCES. SEE CBC SECTION 11B-404.2.4.3 AND 11B-404.2.4.
- E. CHANGES IN LEVEL BETWEEN 1/4 INCHES HIGH MINIMUM AND 1/2 INCHES HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. THE THRESHOLD OF A DOORWAY SHALL NOT BE MORE THAN 1/2 INCH MAXIMUM LOWER THAN THE IMMEDIATE ADJACENT FLOOR OR LEVEL LANDING. SEE CBC SECTION 11B-303 AND 11B-404.2.5.
- F. THE FLOOR OR LEVEL LANDING IMMEDIATELY OUTSIDE THE ENTRY MAY BE SLOPED 1:48 MAXIMUM IN THE DIRECTION OF TRAVEL AWAY FROM THE PRIMARY ENTRANCE TO PREVENT THE ACCUMULATION OF WATER. SEE CBC SECTION 11B-405.7.
- G. THE DISTANCE BETWEEN TWO CONSECUTIVE DOORS IN A SERIES SERVING OTHER THAN A REQUIRED EXIT STAIRWAY, OPEN 90 DEGREES FROM ITS CLOSED POSITION, SHALL BE 48 INCHES MINIMUM PLUS THE WIDTH OF DOORS SWINGING INTO THAT SPACE. DOORS IN SERIES MUST SWING IN THE SAME DIRECTION OR AWAY FROM THE SHARED SPACE BETWEEN THE DOORS. 11B-404.2.6.
- H. DOORWAYS SHALL PROVIDE A CLEAR OPENING OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. DOOR MUST BE MIN. 36 INCHES IN WIDTH. WHERE A PAIR OF DOORS, MANUALLY OR AUTOMATICALLY OPERATED IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR UNOBSTRUCTED OPENING 32 INCHES MINIMUM WITH THE DOOR POSITIONED 90 DEGREES FROM ITS CLOSED POSITION. DOORS SHALL NOT BE LESS THAN 80 INCHES IN HEIGHT. SEE CBC SECTION 11B-404.2.3.
- I. THE BOTTOM 10 INCHES OF ALL DOORS AND GATES, EXCEPT AUTOMATIC & SLIDING DOORS, SHALL HAVE AN UNINTERRUPTED SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. TO ASSIST IN THE OPENING OF A DOOR OR GATE BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION, SEE CBC SECTION 11B-404.2.10.
- J. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL NOT EXCEED 5 LBS MAXIMUM FOR EXTERIOR DOORS, INTERIOR DOORS, SLIDING DOORS, FOLDING DOORS, AND SLIDING DOORS. EFFORT SHALL BE APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. REQUIRED FIRE DOORS MINIMUM FORCE TO OPEN SHALL NOT EXCEED 15 POUNDS. SEE CBC SECTION 11B-404.2.9.
- K. DOOR AND GATE CLOSING SPEED SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FOR THE LATCH SHALL TAKE 5 SECONDS MINIMUM. SEE CBC SECTION 11B-404.2.8.1.
- L. OPERABLE PARTS OF HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. HARDWARE SHALL BE OF A TYPE TO PERMIT OPERATION WITHOUT REQUIRING TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. FORCE TO ACTUATE DOOR HARDWARE SHALL NOT EXCEED 5 LBS. SEE CBC SECTION 11B-309.4 AND 11B-404.2.7.

- 2. TOILET AND BATHING FACILITIES**
- A. WATER CLOSET COMPARTMENT DOORS SHALL BE SELF-CLOSING AND COMPARTMENT DOORWAYS SHALL HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32" MINIMUM FOR END OPENING DOORS AND 34" MINIMUM FOR SIDE OPENING DOORS. 11B-404.2.3 AND 11B-604.8.1.2.
- B. TOILET FLUSH CONTROLS SHALL BE AUTOMATIC OR OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET COMPARTMENT AND SHALL BE INSTALLED 44" MAXIMUM ABOVE THE FINISH FLOOR, EXCEPT AT ACCESSIBLE STALLS MUST BE BELOW GRAB BAR WITH 1 1/2" MIN. CLEARANCE SPACE BETWEEN THE GRAB BAR AND TOILET FLUSH CONTROL. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. SEE CBC SECTION 11B-309 AND 11B-604.6.
- C. WHERE ONE OR MORE URINALS ARE PROVIDED, AT LEAST 10 PERCENT BUT NO FEWER THAN ONE, SHALL HAVE A RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 15-12 INCHES DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. SEE CBC SECTION 11B-605.2.
- D. URINAL FLUSH CONTROLS SHALL BE AUTOMATIC OR OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED AT A MAXIMUM HEIGHT OF 44 INCHES ABOVE THE FINISH FLOOR OR GROUND TO TOP OF LEVER. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. SEE CBC SECTION 11B-309 AND 11B-605.4.
- E. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS. SEE CBC SECTION 11B-605.5.
- F. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS MAXIMUM. LEVER OPERATED, PUSH TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. SEE CBC SECTION 11B-309 AND 11B-605.4.
- G. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. SEE CBC SECTION 11B-609.3.
- H. LOCATE ALL OPERABLE PARTS OF RESTROOM ACCESSORIES NOT MORE THAN 48 INCHES FROM THE FINISH FLOOR TO TOP OF OPERABLE PART, DO NOT LOCATE TO CENTERLINE. SEE CBC SECTION 11B-603.5.
- I. TOILET PAPER DISPENSERS SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. SEE CBC SECTION 11B-604.7.
- J. ALLOWABLE STRESSES ON GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, MOUNTING DEVICES, AND SUPPORT STRUCTURE SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT. SEE CBC SECTION 11B-609.8 AND 11B-610.4.
- K. GRAB BARS WITH CIRCULAR CROSS-SECTIONS SHALL HAVE AN OUTSIDE GRIPPING SURFACE DIAMETER OF 1-1/4 INCH TO 2 INCHES MAXIMUM. GRAB BARS MOUNTED TO AN ADJACENT WALL SHALL HAVE 1-1/2 INCH SPACE BETWEEN THE GRAB BAR AND WALL. GRAB BARS SHALL NOT LOCATE WITHIN THEIR FITTINGS, BE FREE OF SHARP OR ABRASIVE ELEMENTS, AND SHALL HAVE ROUNDED EDGES. SEE CBC SECTION 11B-609.
- L. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM TO 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. FRONT AND BACK GRAB BARS MUST ALIGN. SEE CBC SECTION 11B-609.4.

- 3. WATER CLOSET AND TOILET COMPARTMENTS**
- A. SEE TYPICAL TOILET ROOM FLOOR PLAN FOR ACCESSIBLE TOILET STALL CLEARANCES. VERIFY TOILET ACCESSORIES AND TYPE OF PARTITION IN SPECIFICATIONS. PROVIDE BACKING IN WALL FOR ALL GRAB BAR ANCHORAGE, WALL MOUNTED ACCESSORIES AND RECESSED ACCESSORIES.
- B. PROVIDE 9 INCH MINIMUM CLEARANCE ABOVE FINISH FLOOR AT COMPARTMENT DOOR AND AT LEAST ONE SIDE PARTITION 6 INCHES MINIMUM DEEP MINIMUM BEYOND THE COMPARTMENT SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS. SEE CBC SECTION 11B-604.8.1.4.
- C. COMPARTMENT DOORS SHALL BE SELF-CLOSING, A LOOP OR U-SHAPED DOOR PULL HANDLE SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. LATCH SHALL BE FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING TIGHT GRASPING OR TWISTING. SEE CBC SECTION 11B-604.8.1.2.
- D. OPERABLE PARTS ON DOORS SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE FINISH FLOOR OR GROUND. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. SEE CBC SECTION 11B-309 AND 11B-404.2.7.
- E. TOILET PAPER DISPENSER SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTER LINE OF THE DISPENSER, OUTLET OF DISPENSER TO SHALL BE BELOW THE GRAB BAR, 18 INCHES MINIMUM ABOVE FINISH FLOOR OR GROUND AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSER SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. SEE CBC SECTION 11B-604.7.
- 4. SWITCHES CONTROLS AND ELECTRICAL OUTLETS**
- A. OUTLET BOX FOR CONTROLS AND SWITCHES SHALL BE MINIMUM 16 INCHES A.F.F. TO BOTTOM OF BOX AND 48 INCHES A.F.F. TO TOP OF BOX FOR UNOBSTRUCTED FORWARD REACH. SUCH SWITCHES INCLUDED BUT NOT LIMITED TO, LIGHTING, RECEPTACLE OUTLETS, APPLIANCES, COOLING, HEATING, VENTILATING EQUIPMENT, ETC. SEE CBC SECTION 11B-308.
- B. FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE MINIMUM OF 42 INCHES A.F.F. TO PULL AND A MAXIMUM OF 48 INCHES A.F.F. TO TOP OF BOX. IF EMERGENCY WARNING SYSTEMS ARE REQUIRED THEY SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED. SEE CODE SECTIONS [E] 907.4.2.2, 11B-215, AND 11B-309.4.
- C. FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED NOT MORE THAN 5 FEET FROM THE ENTRANCE TO EACH EXIT OR AS DIRECTED BY THE LOCAL GOVERNING FIRE AUTHORITY. SEE CBC SECTION 907.4.2.1.
- NOTE: THE PLANS AND DETAILS FOR THIS PROJECT MAY SHOW CERTAIN DIMENSIONS, SLOPES, ETC. THAT EXCEED THE MINIMUM REQUIREMENTS AS CALLED OUT IN THESE GENERAL NOTES OR AS SPECIFIED IN CBC OR ADA STANDARDS. THE PROJECT IS TO CONFORM TO THE PLANS AND DETAILS IN ORDER TO CREATE ENHANCED ACCESSIBILITY AND TO MINIMIZE CONSTRUCTION TOLERANCE ERRORS.

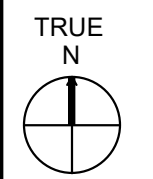
- 1. ACCESSIBLE ROUTES**
- A. AT LEAST ONE SITE ACCESSIBLE ROUTE SHALL BE PROVIDED FROM ACCESSIBLE PARKING SPACES, ACCESSIBLE PASSENGER LOADING ZONES, PUBLIC STREETS AND SIDEWALKS, AND PUBLIC TRANSPORTATION STOPS TO THE PRIMARY ACCESSIBLE ENTRANCE OF BUILDINGS AND FACILITIES. SEE CBC SECTION 11B-206.2.
- B. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES. AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED BETWEEN ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES IF THE ONLY MEANS OF ACCESS BETWEEN THEM IS A VEHICULAR WAY NOT PROVIDING PEDESTRIAN ACCESS. SEE CBC SECTION 11B-206.2.
- C. WHERE A BUILDING, FACILITY, SITE, OR PORTION THEREOF IS REQUIRED TO BE ACCESSIBLE, AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, FACILITIES, SITE ELEMENTS AND SPACES THAT ARE ON THE SAME SITE. SEE CBC SECTIONS 11B-206, 11B-402, AND 11B-403.
- D. ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20; WALKING SURFACES WITH A CROSS SLOPE NOT STEEPER THAN 1:48; DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, AND PLATFORM LIFTS. SEE CBC SECTION 11B-401, 11B-402, AND 11B-403.
- E. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. SEE CBC SECTION 11B-302.
- F. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. SEE CBC SECTION 11B-302.3.
- G. WHERE CHANGES IN LEVEL ARE PERMITTED IN FLOOR OR GROUND SURFACES, VERTICAL CHANGES SHALL NOT BE MORE THAN 1/4-INCH-HIGH MAXIMUM WITHOUT AN EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4-INCH-HIGH MINIMUM AND 1/2-INCH-HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED. SEE CBC SECTION 11B-303.
- I. THE CLEAR WIDTH FOR EXTERIOR SIDEWALKS AND WALKS SHALL BE 48 INCHES MINIMUM. WHEN NATURAL BARRIERS OR OTHER EXISTING CONDITIONS ENCRUSH THE MINIMUM WIDTH REQUIREMENT, THE ENFORCING AGENCY DETERMINES THAT COMPLIANCE WITH THE 48 INCH CLEAR SIDEWALK WIDTH WOULD CREATE AN UNREASONABLE HARDSHIP, THE CLEAR WIDTH MAY BE REDUCED TO 36 INCHES. SEE CBC SECTION 11B-403.5.
- H. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE RESTING AREAS, 60 INCHES IN LENGTH, AT INTERVALS OF 400 FEET MAXIMUM. THE RESTING AREA SHALL BE AT LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM. SEE CBC SECTION 11B-403.7.
- I. WHEN ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES IN A VERTICAL DIMENSION BETWEEN WALKS, SIDEWALKS, PEDESTRIAN WAYS, AND ADJACENT SURFACES OR FEATURES OCCUR, THEY SHALL BE IDENTIFIED BY WARNING CURBS AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE. WARNING CURBS ARE IS NOT REQUIRED BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, OR WHEN A GUARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2 INCHES MINIMUM AND 4 INCHES MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK. SEE CBC SECTION 11B-303.5.



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KEY PLAN



PROFESSIONAL SEALS



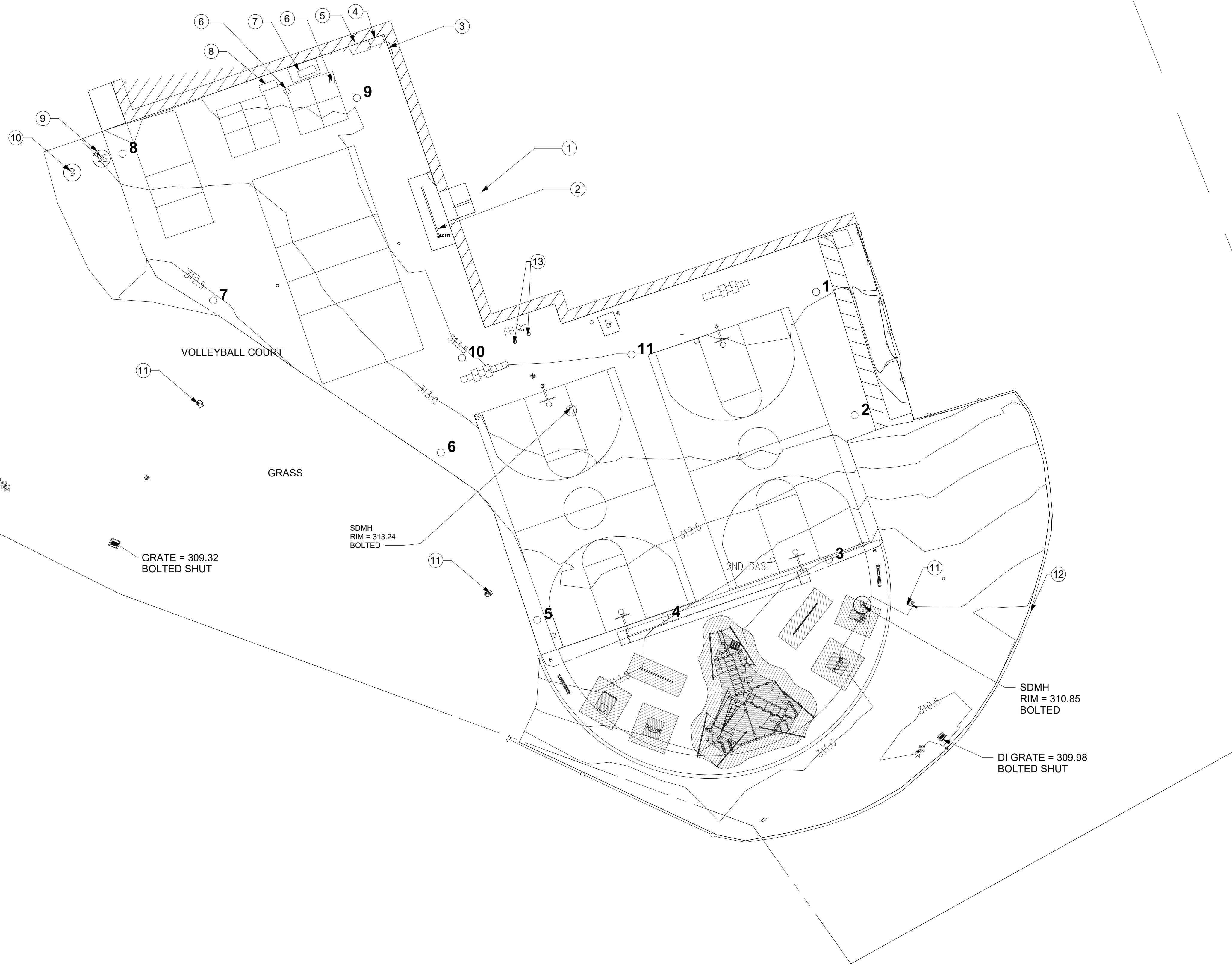
PROJECT  
COUNTY OF ALAMEDA  
JUSTICE CENTER EXERCISE EQUIPMENT

PROJECT ADDRESS  
2500 FAIRMONT D C3013  
SAN LEANDRO, CA 94578

SHEET TITLE  
TYPICAL ACCESSIBILITY DETAILS

DRAWN BY BD, MW	REVIEWED BY AMS	SHEET NUMBER <b>A-016</b>
PROJECT NUMBER 2023016		
DATE 8/28/23		





**GENERAL NOTES**

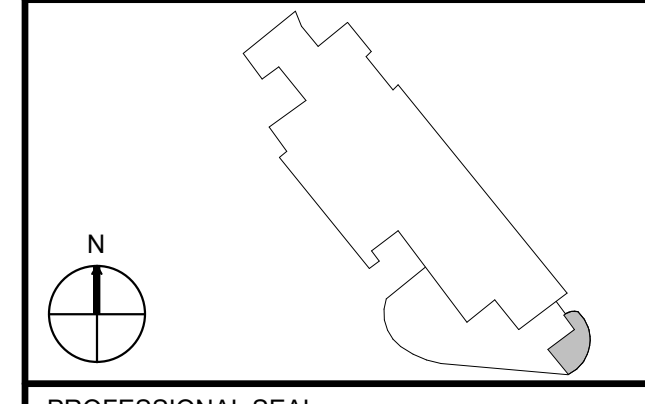
1. REFER TO CIVIL DRAWINGS FOR EXTENT AND TYPE OF DEMOLITION, UTILITIES, GRADING, PAVING AND VEHICULAR SURFACES.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER REQUIREMENTS.
3. REFER TO SIGNAGE DRAWINGS FOR LOCATION AND TYPE OF SITE SIGNAGE.

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**KEY NOTES**

- 1 (E) BATHROOM
- 2 (E) 4' HIGH PRIVACY WALL
- 3 (E) FIRE EXIST DOOR STAIRS
- 4 (E) PLASTIC SHED
- 5 (E) CHOPPED WOOD AREA
- 6 (E) GARBAGE CAN
- 7 (E) WOOD GRILL
- 8 (E) TABLE
- 9 (E) SSMH RIM = 313.12 BOLTED
- 10 (E) SDMH , RIM = 313.3 BOLTED
- 11 (E) SPOTLIGHT TOWER
- 12 12.5' HIGH CHAIN-LINK FENCE WITH BLACK SCREEN AND BARB WIRE



PROFESSIONAL SEAL



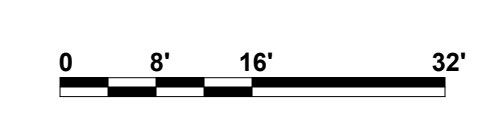
**PROJECT**  
 PERALTA COMMUNITY COLLEGE DISTRICT  
 COLLEGE OF ALAMEDA AVIATION CENTER

**PROJECT ADDRESS**  
 2500 FAIRMONT D C3013  
 SAN LEANDRO, CA 94578

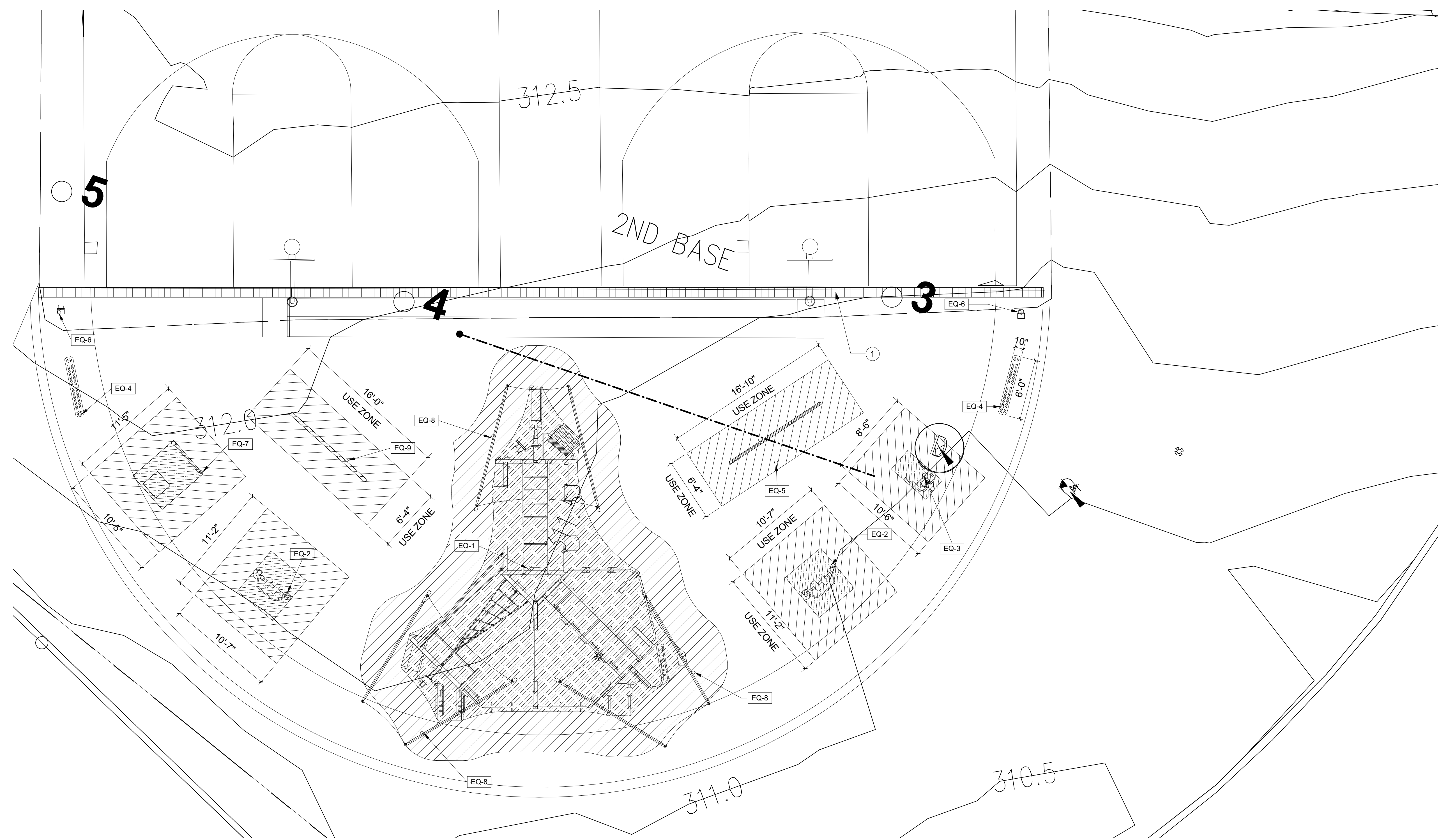
**SHEET TITLE**  
 SITE PLAN

DRAWN BY BD, MW	REVIEWED BY AMS	SHEET NUMBER <b>A-101</b>
PROJECT NUMBER 2023016		DATE 8/28/23

**1** SITE PLAN  
 1/16" = 1'-0"



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1 LEVEL 01 - NEW  
3/16" = 1'-0"

EXERCISE EQUIPMENT - FINAL

Mark	Count	Manufacturer	Model	Description	Use Zone	Equip Weight
1	1	GAME TIME	14913	THRIVE 900 OUTDOOR GYM	36'-4" x 41'-1"	3,933 lb
2	2	GAME TIME	135621	CARDI WALKER	10'-7" x 11'-2"	318 lb
3	1	GAME TIME	135601	CAPTAIN CHAIR IN GROUND ADVANCED SERIES	8'-6" x 10'-6"	208 lb
4	2	GAME TIME	28003	INGROUND TUFFCLAD 6' BENCH	6'-0" X 10"	60 lb
5	1	GAME TIME	13575	JOINT - USE CHIN UP BAR STATION	16'-10" x 6'-4"	169 lb
6	2	GAME TIME	S99091	NO TOUCH - HAND SANITIZER LOCKBOX WITH LISQUID IN GROUND MOUNT	N/A	39 lb
7	1	GAME TIME	135861	HORIZONTAL CHIN UP . IN GROUND	11' 5" X 10'-6"	214 lb
8	3	GAME TIME	14932	THRIVE SHADE	VARIES	390 LB
9	1	GAME TIME	13581	BALANCE BEAM STATION	6'-4" X 16'-0"	81 LB

GENERAL NOTES

1. GENERAL CONTRACTOR TO FIELD VERIFY ALL (E) CONDITIONS PRIOR TO START OF CONSTRUCTION WORK.
2. GENERAL CONTRACTOR TO COORDINATE WITH ARCHITECT FOR APPROVAL PRIOR TO SELECTION / INSTALLATION OF MATERIALS.
3. REFER TO SHEETS A-016 AND A-017 MOUNTING HEIGHTS, CLEARANCE AND DIMENSIONS.
4. FURNITURE AND EQUIPMENT SHOWN FOR REFERENCE ONLY. SEE A-231 FOR OWNER SUPPLIED/OWNER INSTALLED ITEMS, OWNER SUPPLIED/CONTRACTOR INSTALLED ITEMS AND CONTRACTOR SUPPLIED/CONTRACTOR INSTALLED ITEMS.

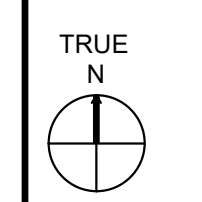
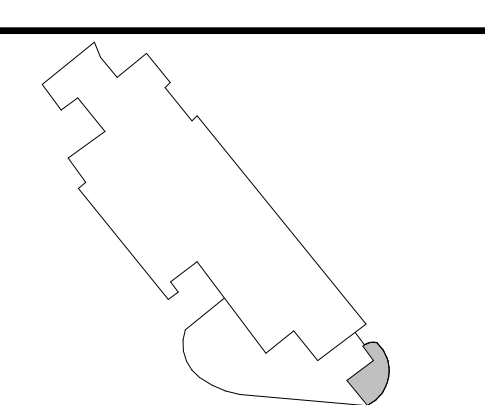
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KEY NOTES

- 1 (N) TRENCH DRAIN WITH SECURITY FEATURE  
SEE CIVIL DRAWINGS

KEY PLAN



PROFESSIONAL SEAL

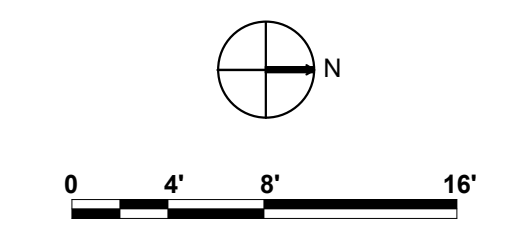


PROJECT  
COUNTY OF ALAMEDA  
JUSTICE CENTER EXERCISE EQUIPMENT

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CONSTRUCTION LEGEND

- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- NEW PARTITION W/ 6" CONC. CURB
- EXISTING DOOR TO REMAIN
- NEW DOOR
- NEW MILLWORK SHELVING OR UPPER CABINETS. SEE ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION.



SHEET TITLE  
ENLARGED SITE PLAN

DRAWN BY	REVIEWED BY	SHEET NUMBER
BD, MW	AMS	A-201
PROJECT NUMBER 2023016		
DATE 8/28/23		

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